

These are appendices to augment Finklea 2014 Room Radiation Dose Coefficients for External Exposure as utilized in <http://epa-bprg.ornl.gov/> and <http://epa-bdccc.ornl.gov/> .”

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Table 1: Composite 2 Surface Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.5245	0.3173	0.4717	0.5492	0.4256	0.3081	0.5034	0.5760
Ac-224	3.4538	2.3815	3.1743	3.5683	3.3587	2.8132	3.7550	4.0076
Ac-225	0.7533	0.4664	0.6804	0.7861	0.6225	0.4608	0.7307	0.8252
Ac-226	1.4724	1.0227	1.3542	1.5170	1.4606	1.2367	1.6234	1.7178
Ac-227	0.2124	0.1188	0.1887	0.2241	0.1540	0.0989	0.1893	0.2263
Ac-228	2.2032	1.4848	2.0128	2.2606	2.2119	1.8646	2.4516	2.5728
Ac-230	1.0015	0.6634	0.9119	1.0279	0.9900	0.8245	1.1015	1.1607
Ac-231	2.8196	2.0138	2.6046	2.8923	2.9526	2.5755	3.2359	3.3609
Ac-232	1.4981	0.9975	1.3643	1.5332	1.5223	1.2841	1.6815	1.7543
Ac-233	1.0775	0.7495	0.9879	1.1000	1.1772	1.0334	1.2776	1.3127
Ag-100m	1.7279	1.2431	1.5912	1.7423	2.0665	1.8881	2.1918	2.1660
Ag-101	1.7057	1.2443	1.5776	1.7286	1.9614	1.7826	2.0955	2.0937
Ag-102m	1.2094	0.8565	1.1102	1.2215	1.4097	1.2741	1.5023	1.4935
Ag-102	2.7416	1.9713	2.5250	2.7671	3.2422	2.9552	3.4452	3.4124
Ag-103	2.2716	1.6575	2.1034	2.3095	2.5255	2.2794	2.7150	2.7335
Ag-104	3.7284	2.6683	3.4331	3.7688	4.3159	3.9127	4.6044	4.5795
Ag-104m	1.5496	1.1100	1.4272	1.5668	1.7869	1.6187	1.9066	1.8987
Ag-105	2.5445	1.8289	2.3489	2.5836	2.8111	2.5247	3.0254	3.0424
Ag-105m	0.0793	0.0416	0.0697	0.0844	0.0541	0.0316	0.0682	0.0847
Ag-106	0.5981	0.4192	0.5495	0.6071	0.6426	0.5699	0.6946	0.7003
Ag-106m	4.5571	3.2769	4.2005	4.6093	5.2695	4.7810	5.6227	5.5992
Ag-108	0.0509	0.0360	0.0468	0.0516	0.0563	0.0503	0.0605	0.0607
Ag-108m	3.5719	2.5728	3.2954	3.6169	4.0885	3.7022	4.3706	4.3677
Ag-109m	0.5793	0.3955	0.5301	0.5913	0.5904	0.5108	0.6464	0.6635
Ag-110	0.0453	0.0328	0.0418	0.0457	0.0536	0.0489	0.0569	0.0565
Ag-110m	2.9631	2.1395	2.7310	2.9886	3.5545	3.2531	3.7694	3.7255
Ag-111	0.0864	0.0647	0.0803	0.0876	0.1010	0.0926	0.1077	0.1076
Ag-111m	0.3435	0.2274	0.3127	0.3522	0.3366	0.2835	0.3730	0.3898
Ag-112	0.6768	0.4896	0.6241	0.6826	0.8115	0.7427	0.8602	0.8509
Ag-113m	0.7097	0.5127	0.6555	0.7225	0.7935	0.7117	0.8551	0.8669
Ag-113	0.1901	0.1418	0.1766	0.1927	0.2225	0.2040	0.2373	0.2369
Ag-114	0.2846	0.2069	0.2627	0.2873	0.3403	0.3116	0.3609	0.3575
Ag-115	0.6830	0.5053	0.6330	0.6917	0.8028	0.7351	0.8544	0.8515
Ag-116	1.6796	1.2125	1.5470	1.6936	2.0131	1.8414	2.1334	2.1076
Ag-117	1.3817	1.0180	1.2792	1.3990	1.6225	1.4844	1.7272	1.7193
Ag-99	1.9359	1.4148	1.7897	1.9585	2.2714	2.0738	2.4184	2.4047
Al-26	0.9170	0.6486	0.8399	0.9217	1.1126	1.0146	1.1768	1.1537
Al-28	0.8910	0.6309	0.8163	0.8953	1.0830	0.9884	1.1450	1.1216
Al-29	0.9261	0.6593	0.8500	0.9321	1.1216	1.0258	1.1867	1.1654
Am-237	3.6460	2.5124	3.3486	3.7553	3.5990	3.0392	4.0030	4.2328

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-238	3.4016	2.3297	3.1189	3.4951	3.4088	2.8909	3.7762	3.9655
Am-239	4.8111	3.2477	4.4052	4.9729	4.5549	3.7529	5.1247	5.5002
Am-240	3.9321	2.6441	3.5937	4.0443	3.8547	3.2215	4.2955	4.5405
Am-241	1.0477	0.7952	0.9745	1.0628	1.2416	1.1600	1.2966	1.2835
Am-242	0.9114	0.5878	0.8281	0.9438	0.8114	0.6408	0.9278	1.0119
Am-242m	0.7353	0.4492	0.6621	0.7650	0.6092	0.4526	0.7122	0.7976
Am-243	1.3879	0.9798	1.2816	1.4309	1.3973	1.2005	1.5455	1.6229
Am-244	3.7232	2.4566	3.3905	3.8309	3.5813	2.9564	4.0082	4.2563
Am-244m	0.3657	0.2301	0.3308	0.3787	0.3190	0.2473	0.3667	0.4020
Am-245	0.4785	0.3285	0.4392	0.4932	0.4682	0.3938	0.5217	0.5531
Am-246	5.2425	3.4865	4.7819	5.3980	5.0336	4.1627	5.6346	5.9927
Am-246m	1.7204	1.1701	1.5721	1.7563	1.8124	1.5647	1.9823	2.0419
Am-247	1.6389	1.1417	1.5080	1.6867	1.6390	1.3974	1.8158	1.9110
Ar-37	0.0929	0.0473	0.0813	0.0993	0.0601	0.0324	0.0774	0.0983
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	0.9108	0.6487	0.8361	0.9168	1.1026	1.0085	1.1669	1.1461
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.1116	0.7964	1.0220	1.1195	1.3413	1.2267	1.4204	1.3986
Ar-44	1.8240	1.3431	1.6876	1.8447	2.1648	1.9835	2.3002	2.2839
As-68	2.1906	1.5680	2.0145	2.2081	2.6295	2.4006	2.7884	2.7529
As-69	0.5064	0.3412	0.4623	0.5228	0.5068	0.4254	0.5636	0.6004
As-70	2.9942	2.1197	2.7489	3.0270	3.5182	3.1810	3.7509	3.7357
As-71	2.4512	1.5508	2.2161	2.5584	2.1934	1.7076	2.5226	2.8145
As-72	1.1050	0.7511	1.0081	1.1272	1.2076	1.0530	1.3124	1.3464
As-73	3.4512	1.7943	3.0316	3.6801	2.3009	1.3048	2.9288	3.6715
As-74	1.2620	0.7970	1.1394	1.3076	1.1964	0.9590	1.3525	1.4730
As-76	0.5673	0.4135	0.5241	0.5730	0.6766	0.6196	0.7179	0.7124
As-77	0.0344	0.0255	0.0320	0.0351	0.0388	0.0351	0.0417	0.0424
As-78	1.2693	0.9170	1.1698	1.2801	1.5224	1.3932	1.6139	1.5957
As-79	0.0588	0.0432	0.0544	0.0595	0.0697	0.0639	0.0741	0.0737
At-204	4.9399	3.4841	4.5456	5.0455	5.3749	4.7327	5.8374	5.9914
At-205	3.1096	2.1294	2.8510	3.2017	3.1377	2.6605	3.4773	3.6669
At-206	5.1100	3.6155	4.7048	5.2183	5.5739	4.9168	6.0497	6.2012
At-207	4.4557	3.0765	4.0879	4.5726	4.6298	3.9817	5.0906	5.3077
At-208	6.4089	4.4819	5.8906	6.5586	6.8408	5.9661	7.4675	7.7140
At-209	6.2152	4.3079	5.7065	6.3780	6.4693	5.5744	7.1094	7.4099
At-210	5.3332	3.6737	4.8887	5.4681	5.5656	4.7895	6.1124	6.3566
At-211	1.0448	0.6881	0.9535	1.0874	0.9439	0.7513	1.0794	1.1864
At-215	0.0006	0.0004	0.0005	0.0006	0.0006	0.0006	0.0007	0.0007
At-216	0.0478	0.0323	0.0438	0.0496	0.0451	0.0370	0.0510	0.0552
At-217	0.0015	0.0011	0.0014	0.0015	0.0015	0.0013	0.0017	0.0018
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-220	1.7678	1.2933	1.6381	1.8034	1.9648	1.7610	2.1210	2.1602
Au-186	3.1517	2.2116	2.8991	3.2371	3.3204	2.8848	3.6383	3.7900
Au-187	3.2297	2.1115	2.9367	3.3497	3.0739	2.5014	3.4672	3.7550
Au-190	3.6830	2.5565	3.3793	3.7780	3.8970	3.3796	4.2662	4.4298
Au-191	3.8663	2.5854	3.5303	4.0061	3.7465	3.0980	4.2027	4.5236
Au-192	3.5270	2.4303	3.2325	3.6229	3.6867	3.1757	4.0501	4.2251
Au-193	2.8442	1.8726	2.5925	2.9616	2.6395	2.1288	2.9981	3.2822
Au-193m	2.0847	1.3394	1.8911	2.1704	1.8896	1.4900	2.1624	2.3873
Au-194	3.0459	2.0797	2.7891	3.1395	3.0971	2.6319	3.4284	3.6171
Au-195	2.9553	1.8485	2.6717	3.0965	2.5362	1.9253	2.9518	3.3321
Au-195m	2.1085	1.3554	1.9128	2.1948	1.9121	1.5086	2.1878	2.4141
Au-196	2.8702	1.9714	2.6320	2.9615	2.9024	2.4660	3.2173	3.4046
Au-196m	5.0562	3.2112	4.5804	5.2824	4.4392	3.4299	5.1295	5.7374
Au-198	0.9972	0.7325	0.9233	1.0121	1.1572	1.0531	1.2363	1.2413
Au-198m	5.9499	4.0856	5.4595	6.1595	5.8616	4.9227	6.5423	7.0053
Au-199	1.2375	0.8514	1.1359	1.2807	1.2142	1.0187	1.3566	1.4530
Au-200	0.3685	0.2670	0.3401	0.3733	0.4305	0.3911	0.4594	0.4589
Au-200m	5.3151	3.8451	4.9114	5.4180	5.9518	5.3307	6.4168	6.5272
Au-201	0.2203	0.1362	0.1985	0.2299	0.1925	0.1468	0.2229	0.2498
Au-202	0.2286	0.1655	0.2109	0.2313	0.2689	0.2449	0.2865	0.2855
Ba-124	1.8417	1.2989	1.6933	1.8789	2.0061	1.7788	2.1679	2.2089
Ba-126	2.1359	1.5145	1.9651	2.1748	2.3648	2.1101	2.5462	2.5799
Ba-127	1.0965	0.7717	1.0081	1.1204	1.1806	1.0427	1.2788	1.3079
Ba-128	1.2265	0.8431	1.1224	1.2536	1.2950	1.1306	1.4076	1.4448
Ba-129	1.2727	0.8813	1.1664	1.3014	1.3490	1.1800	1.4663	1.5069
Ba-129m	3.8606	2.7399	3.5520	3.9317	4.2944	3.8298	4.6269	4.6964
Ba-131	2.7350	1.9551	2.5212	2.7887	3.0135	2.6910	3.2480	3.3002
Ba-131m	1.5083	1.0608	1.3886	1.5516	1.5676	1.3631	1.7176	1.7908
Ba-133	3.1645	2.2500	2.9153	3.2309	3.4499	3.0664	3.7291	3.8015
Ba-133m	1.2406	0.8087	1.1259	1.2809	1.2027	0.9930	1.3427	1.4333
Ba-135m	0.9501	0.6514	0.8693	0.9727	0.9968	0.8661	1.0866	1.1209
Ba-137m	0.9211	0.6646	0.8496	0.9314	1.0842	0.9872	1.1534	1.1490
Ba-139	0.3600	0.2709	0.3354	0.3673	0.4066	0.3701	0.4367	0.4425
Ba-140	0.9788	0.6334	0.8873	1.0125	0.9385	0.7656	1.0545	1.1373
Ba-141	2.0411	1.5148	1.8939	2.0708	2.3798	2.1762	2.5385	2.5399
Ba-142	1.8440	1.3392	1.7035	1.8707	2.1350	1.9388	2.2806	2.2820
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.0976	0.0720	0.0904	0.0987	0.1158	0.1062	0.1230	0.1224
Bi-197	3.4906	2.3594	3.1909	3.5939	3.5257	2.9776	3.9089	4.1238
Bi-200	6.0567	4.2602	5.5721	6.2005	6.4956	5.6848	7.0826	7.3124
Bi-201	3.5015	2.3783	3.2032	3.6019	3.5673	3.0281	3.9453	4.1469
Bi-202	5.4772	3.8366	5.0338	5.6007	5.9143	5.1825	6.4385	6.6277
Bi-203	4.0760	2.7896	3.7318	4.1834	4.2398	3.6369	4.6627	4.8622

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Bi-204	5.6442	3.9240	5.1803	5.7766	6.0349	5.2574	6.5885	6.8035
Bi-205	3.3276	2.2429	3.0399	3.4256	3.3591	2.8329	3.7245	3.9299
Bi-206	6.4809	4.5157	5.9507	6.6327	6.9392	6.0522	7.5721	7.8156
Bi-207	3.5908	2.4579	3.2889	3.6881	3.7157	3.1816	4.0912	4.2790
Bi-208	2.2806	1.4951	2.0714	2.3496	2.2522	1.8634	2.5114	2.6689
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.2091	0.8752	1.1185	1.2370	1.3194	1.1715	1.4322	1.4704
Bi-211	0.1904	0.1366	0.1758	0.1947	0.2073	0.1835	0.2252	0.2314
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3706	0.2240	0.3327	0.3866	0.3175	0.2373	0.3699	0.4159
Bi-213	0.3622	0.2604	0.3344	0.3694	0.4018	0.3582	0.4341	0.4427
Bi-214	1.2573	0.9017	1.1570	1.2686	1.4991	1.3664	1.5917	1.5757
Bi-215	0.9635	0.6843	0.8887	0.9878	1.0227	0.8943	1.1182	1.1578
Bi-216	1.4709	1.0720	1.3598	1.4912	1.7099	1.5536	1.8254	1.8297
Bk-245	3.7412	2.5890	3.4392	3.8552	3.6857	3.1179	4.0986	4.3348
Bk-246	3.7938	2.5494	3.4663	3.9030	3.7146	3.1055	4.1390	4.3763
Bk-247	1.5875	1.1500	1.4715	1.6303	1.6676	1.4654	1.8242	1.8911
Bk-248m	0.9454	0.6319	0.8638	0.9758	0.8939	0.7357	1.0047	1.0750
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4020	0.9578	1.2815	1.4277	1.5104	1.3172	1.6424	1.6779
Bk-251	2.1205	1.4334	1.9412	2.1892	2.0249	1.6790	2.2702	2.4257
Br-72	1.9099	1.3505	1.7537	1.9335	2.2173	1.9967	2.3710	2.3704
Br-73	1.3786	0.9803	1.2715	1.4121	1.4863	1.3088	1.6179	1.6660
Br-74	2.1589	1.5256	1.9812	2.1840	2.5065	2.2551	2.6764	2.6765
Br-74m	2.6381	1.8698	2.4234	2.6687	3.0731	2.7712	3.2807	3.2786
Br-75	1.7700	1.2439	1.6282	1.8146	1.8699	1.6258	2.0481	2.1279
Br-76	2.3871	1.6058	2.1753	2.4405	2.5228	2.1641	2.7626	2.8638
Br-76m	2.6285	1.6252	2.3737	2.7421	2.1842	1.6216	2.5606	2.8823
Br-77	2.3086	1.4249	2.0807	2.4081	1.9825	1.4944	2.3064	2.5916
Br-77m	1.2905	0.7804	1.1619	1.3515	1.0146	0.7173	1.2122	1.3963
Br-78	0.2428	0.1566	0.2201	0.2507	0.2328	0.1890	0.2620	0.2823
Br-80	0.1697	0.1072	0.1534	0.1758	0.1567	0.1239	0.1783	0.1949
Br-80m	2.5288	1.5272	2.2749	2.6417	2.0293	1.4590	2.4062	2.7392
Br-82m	1.1754	0.6815	1.0516	1.2349	0.8656	0.5713	1.0574	1.2460
Br-82	3.0229	2.1899	2.7882	3.0505	3.6195	3.3135	3.8395	3.7989
Br-83	0.0124	0.0090	0.0114	0.0125	0.0145	0.0132	0.0154	0.0154
Br-84m	2.8029	2.0299	2.5839	2.8281	3.3584	3.0742	3.5625	3.5215
Br-84	1.0031	0.7168	0.9214	1.0095	1.2122	1.1081	1.2829	1.2618
Br-85	0.0668	0.0482	0.0616	0.0674	0.0802	0.0734	0.0851	0.0840
C-10	0.9043	0.6560	0.8345	0.9126	1.0831	0.9920	1.1490	1.1373
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1658	0.0844	0.1452	0.1772	0.1072	0.0579	0.1382	0.1755

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.8045	0.5750	0.7392	0.8102	0.9719	0.8892	1.0291	1.0120
Ca-49	0.8619	0.6071	0.7878	0.8642	1.0520	0.9600	1.1080	1.0830
Cd-101	2.4068	1.7442	2.2233	2.4406	2.7526	2.4952	2.9439	2.9419
Cd-102	2.2556	1.6161	2.0797	2.2886	2.5184	2.2654	2.7039	2.7145
Cd-103	2.1355	1.5033	1.9603	2.1608	2.4068	2.1603	2.5787	2.5730
Cd-104	2.2600	1.6143	2.0856	2.3008	2.4397	2.1766	2.6365	2.6659
Cd-105	1.5516	1.0907	1.4243	1.5709	1.7330	1.5520	1.8600	1.8597
Cd-107	1.6775	1.1523	1.5363	1.7080	1.7316	1.5106	1.8875	1.9219
Cd-109	1.5763	1.0800	1.4431	1.6054	1.6220	1.4122	1.7696	1.8039
Cd-111m	1.9594	1.4467	1.8182	1.9944	2.1963	1.9888	2.3589	2.3805
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0010	0.0007	0.0009	0.0010	0.0011	0.0009	0.0012	0.0012
Cd-115	0.4112	0.3003	0.3801	0.4162	0.4809	0.4390	0.5120	0.5104
Cd-115m	0.0313	0.0225	0.0288	0.0316	0.0377	0.0345	0.0399	0.0394
Cd-117	1.3706	1.0015	1.2667	1.3861	1.6189	1.4803	1.7220	1.7098
Cd-117m	1.4903	1.0690	1.3705	1.5013	1.7952	1.6416	1.9016	1.8736
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	1.6174	1.1803	1.4938	1.6342	1.9208	1.7576	2.0409	2.0223
Cd-119m	1.7818	1.2801	1.6394	1.7960	2.1393	1.9557	2.2676	2.2366
Ce-130	2.7275	1.9474	2.5148	2.7865	2.9780	2.6489	3.2204	3.2851
Ce-131	2.8156	1.9885	2.5888	2.8717	3.1009	2.7516	3.3513	3.4149
Ce-132	2.5314	1.8305	2.3396	2.5858	2.7790	2.4837	3.0016	3.0607
Ce-133	2.5038	1.7700	2.3059	2.5646	2.6764	2.3603	2.9075	2.9842
Ce-133m	3.8479	2.7448	3.5438	3.9149	4.3273	3.8819	4.6485	4.6906
Ce-134	1.0778	0.7273	0.9835	1.1052	1.1105	0.9552	1.2163	1.2597
Ce-135	2.8682	2.0472	2.6426	2.9207	3.2002	2.8635	3.4447	3.4877
Ce-137	1.3702	0.8824	1.2409	1.4159	1.3150	1.0786	1.4719	1.5740
Ce-137m	0.9450	0.6438	0.8640	0.9696	0.9794	0.8449	1.0734	1.1117
Ce-139	2.1479	1.5363	1.9815	2.1979	2.3179	2.0545	2.5142	2.5780
Ce-141	0.8299	0.6192	0.7723	0.8484	0.9243	0.8366	0.9961	1.0128
Ce-143	1.6444	1.1694	1.5151	1.6793	1.8023	1.6033	1.9499	1.9834
Ce-144	0.2780	0.2028	0.2577	0.2848	0.3028	0.2706	0.3280	0.3355
Ce-145	2.4872	1.7557	2.2873	2.5354	2.7536	2.4519	2.9723	3.0120
Cf-244	0.2552	0.1586	0.2304	0.2646	0.2173	0.1656	0.2516	0.2779
Cf-246	0.1749	0.1087	0.1579	0.1814	0.1491	0.1138	0.1726	0.1905
Cf-247	3.3029	2.1663	3.0084	3.4181	3.0273	2.4389	3.4339	3.7185
Cf-248	0.2090	0.1300	0.1887	0.2167	0.1784	0.1362	0.2064	0.2278
Cf-249	1.5204	1.0614	1.3971	1.5560	1.5908	1.3804	1.7423	1.8046
Cf-250	0.1700	0.1069	0.1537	0.1760	0.1485	0.1152	0.1706	0.1869
Cf-251	2.3245	1.5860	2.1314	2.3975	2.2487	1.8797	2.5129	2.6734
Cf-252	0.6390	0.4503	0.5873	0.6502	0.7046	0.6243	0.7615	0.7733
Cf-253	0.5552	0.3417	0.5002	0.5766	0.4729	0.3592	0.5477	0.6072

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cf-254	17.6502	12.9205	16.3173	17.8450	20.9232	19.1534	22.2296	22.0649
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.1171	0.8224	1.0335	1.1302	1.3222	1.2109	1.4051	1.3961
Cl-36	0.0013	0.0007	0.0012	0.0014	0.0009	0.0005	0.0011	0.0014
Cl-38	0.6583	0.4657	0.6028	0.6613	0.8008	0.7308	0.8462	0.8286
Cl-39	1.3908	1.0130	1.2838	1.4046	1.6623	1.5223	1.7638	1.7442
Cl-40	1.7401	1.2352	1.5950	1.7489	2.1125	1.9295	2.2320	2.1885
Cm-238	1.8935	1.3019	1.7395	1.9541	1.8313	1.5338	2.0468	2.1780
Cm-239	3.4993	2.4782	3.2294	3.5988	3.5568	3.0659	3.9234	4.1121
Cm-240	0.2957	0.1831	0.2670	0.3070	0.2476	0.1862	0.2883	0.3204
Cm-241	4.4558	2.9915	4.0729	4.5964	4.2761	3.5391	4.7922	5.1159
Cm-242	0.2655	0.1644	0.2397	0.2757	0.2223	0.1672	0.2589	0.2877
Cm-243	2.4516	1.6280	2.2380	2.5377	2.2815	1.8537	2.5807	2.7902
Cm-244	0.2280	0.1412	0.2059	0.2368	0.1909	0.1435	0.2223	0.2471
Cm-245	2.5539	1.7327	2.3409	2.6390	2.4235	2.0028	2.7241	2.9190
Cm-246	0.1855	0.1153	0.1676	0.1925	0.1567	0.1185	0.1819	0.2017
Cm-247	0.8607	0.6348	0.7977	0.8737	0.9951	0.9058	1.0637	1.0684
Cm-248	1.5465	1.1128	1.4260	1.5682	1.7738	1.6004	1.8992	1.9049
Cm-249	0.3224	0.1736	0.2845	0.3422	0.2299	0.1423	0.2855	0.3486
Cm-250	13.9556	10.2116	12.9008	14.1106	16.5315	15.1282	17.5667	17.4407
Cm-251	0.4309	0.3000	0.3959	0.4413	0.4493	0.3891	0.4924	0.5108
Co-54m	2.7715	2.0021	2.5534	2.7959	3.3242	3.0421	3.5251	3.4826
Co-55	1.3717	0.9553	1.2562	1.3929	1.5593	1.3884	1.6769	1.6931
Co-56	2.8336	1.9154	2.5804	2.8859	3.1236	2.7274	3.3863	3.4586
Co-57	2.5792	1.6547	2.3398	2.6942	2.2912	1.7888	2.6374	2.9430
Co-58	1.4717	0.9427	1.3304	1.5182	1.4555	1.1961	1.6269	1.7388
Co-58m	0.6645	0.3382	0.5819	0.7101	0.4299	0.2324	0.5538	0.7033
Co-60	1.8501	1.3191	1.6990	1.8627	2.2383	2.0472	2.3693	2.3285
Co-60m	0.7541	0.3896	0.6617	0.8047	0.4997	0.2804	0.6378	0.8022
Co-61	1.0560	0.7835	0.9837	1.0854	1.1543	1.0369	1.2506	1.2822
Co-62	1.0717	0.7638	0.9840	1.0787	1.2970	1.1860	1.3725	1.3490
Co-62m	1.9053	1.3586	1.7496	1.9179	2.3049	2.1078	2.4397	2.3983
Cr-48	2.5995	1.8940	2.4090	2.6675	2.8113	2.4946	3.0596	3.1609
Cr-49	1.2046	0.9210	1.1280	1.2343	1.3521	1.2340	1.4555	1.4816
Cr-51	0.4787	0.2683	0.4248	0.5060	0.3635	0.2418	0.4417	0.5262
Cr-55	0.0004	0.0003	0.0004	0.0004	0.0005	0.0004	0.0005	0.0005
Cr-56	1.9629	1.3967	1.8126	2.0193	2.0478	1.7915	2.2422	2.3308
Cs-121	0.9066	0.6675	0.8404	0.9222	1.0322	0.9370	1.1055	1.1133
Cs-121m	1.6953	1.2461	1.5709	1.7249	1.9241	1.7438	2.0624	2.0806
Cs-123	1.4506	1.0457	1.3397	1.4775	1.6182	1.4545	1.7394	1.7586
Cs-124	0.4486	0.3259	0.4143	0.4548	0.5184	0.4709	0.5537	0.5539
Cs-125	1.2675	0.8975	1.1657	1.2895	1.4050	1.2552	1.5113	1.5281

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cs-126	0.7736	0.5592	0.7138	0.7846	0.8884	0.8048	0.9497	0.9520
Cs-127	2.0278	1.4429	1.8668	2.0640	2.2457	2.0080	2.4163	2.4457
Cs-128	0.6441	0.4562	0.5922	0.6548	0.7187	0.6431	0.7720	0.7792
Cs-129	2.1028	1.4733	1.9304	2.1422	2.2882	2.0289	2.4703	2.5089
Cs-130m	1.9556	1.3489	1.7932	2.0088	2.0220	1.7495	2.2142	2.3022
Cs-130	0.6309	0.4325	0.5769	0.6437	0.6695	0.5861	0.7260	0.7416
Cs-131	1.0305	0.7016	0.9413	1.0526	1.0789	0.9390	1.1734	1.2031
Cs-132	1.9624	1.3802	1.8022	1.9931	2.1948	1.9619	2.3565	2.3755
Cs-134	2.0362	1.4793	1.8796	2.0556	2.4340	2.2289	2.5826	2.5585
Cs-134m	0.9275	0.5884	0.8385	0.9636	0.8503	0.6766	0.9659	1.0573
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	1.8193	1.3115	1.6760	1.8356	2.1771	1.9909	2.3109	2.2840
Cs-136	2.9310	2.1348	2.7075	2.9652	3.4625	3.1635	3.6846	3.6619
Cs-137	1.1183	0.8101	1.0323	1.1243	1.3412	1.2306	1.4101	1.3905
Cs-138m	1.2458	0.8719	1.1434	1.2709	1.3564	1.1981	1.4674	1.4975
Cs-138	1.8340	1.3191	1.6877	1.8487	2.2036	2.0150	2.3353	2.3036
Cs-139	0.1851	0.1321	0.1700	0.1863	0.2238	0.2046	0.2369	0.2328
Cs-140	1.2290	0.8833	1.1309	1.2382	1.4797	1.3533	1.5668	1.5453
Cu-57	0.0963	0.0686	0.0885	0.0970	0.1156	0.1055	0.1226	0.1210
Cu-59	0.4809	0.3453	0.4428	0.4864	0.5669	0.5152	0.6039	0.6008
Cu-60	1.8818	1.3262	1.7242	1.8980	2.2378	2.0281	2.3785	2.3534
Cu-61	0.7227	0.4528	0.6519	0.7521	0.6621	0.5203	0.7564	0.8350
Cu-62	0.0255	0.0141	0.0225	0.0269	0.0195	0.0130	0.0237	0.0280
Cu-64	0.4020	0.2054	0.3522	0.4294	0.2624	0.1437	0.3369	0.4263
Cu-66	0.0907	0.0650	0.0834	0.0914	0.1094	0.1001	0.1159	0.1142
Cu-67	1.0472	0.7595	0.9699	1.0773	1.1117	0.9783	1.2153	1.2669
Cu-69	0.5419	0.3906	0.4992	0.5465	0.6511	0.5959	0.6904	0.6818
Dy-148	2.0977	1.4589	1.9254	2.1470	2.2637	1.9855	2.4616	2.5319
Dy-149	3.2882	2.2966	3.0197	3.3649	3.5647	3.1351	3.8731	3.9727
Dy-150	1.3948	0.9785	1.2823	1.4294	1.4970	1.3138	1.6303	1.6810
Dy-151	3.1513	2.1668	2.8853	3.2297	3.3543	2.9144	3.6634	3.7902
Dy-152	2.2278	1.5791	2.0531	2.2861	2.3795	2.0901	2.5942	2.6800
Dy-153	4.2083	2.9317	3.8664	4.3242	4.4324	3.8570	4.8506	5.0338
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.7605	1.9500	2.5416	2.8296	2.9679	2.6109	3.2303	3.3282
Dy-157	2.2839	1.6075	2.1018	2.3426	2.4384	2.1384	2.6604	2.7464
Dy-159	1.4890	0.9950	1.3591	1.5405	1.4691	1.2324	1.6358	1.7375
Dy-165m	0.5457	0.3166	0.4869	0.5753	0.4331	0.3034	0.5175	0.6047
Dy-165	0.2303	0.1602	0.2117	0.2374	0.2377	0.2051	0.2614	0.2742
Dy-166	1.2280	0.8048	1.1177	1.2770	1.1598	0.9453	1.3084	1.4218
Dy-167	1.7395	1.2513	1.6062	1.7760	1.9326	1.7256	2.0866	2.1282
Dy-168	1.8092	1.2762	1.6652	1.8558	1.9346	1.6956	2.1089	2.1845
Er-154	1.9142	1.2451	1.7386	1.9840	1.8209	1.4908	2.0454	2.2037

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Er-156	2.6483	1.6399	2.3866	2.7665	2.3375	1.8040	2.6919	3.0018
Er-159	2.6104	1.8127	2.3956	2.6772	2.7820	2.4255	3.0350	3.1434
Er-161	2.8316	1.9401	2.5924	2.9090	2.9702	2.5643	3.2555	3.3909
Er-163	1.2768	0.8481	1.1645	1.3239	1.2399	1.0298	1.3860	1.4868
Er-165	1.2433	0.8233	1.1334	1.2897	1.2020	0.9952	1.3454	1.4461
Er-167m	0.9674	0.6649	0.8870	0.9994	0.9741	0.8267	1.0796	1.1477
Er-169	0.0192	0.0098	0.0168	0.0205	0.0124	0.0067	0.0160	0.0203
Er-171	2.3194	1.6524	2.1400	2.3820	2.4728	2.1710	2.6990	2.8004
Er-172	2.1149	1.4706	1.9420	2.1724	2.2351	1.9429	2.4431	2.5436
Er-173	3.4688	2.4903	3.2042	3.5574	3.7491	3.3145	4.0752	4.2088
Es-249	3.0509	2.1203	2.8043	3.1344	3.0896	2.6477	3.4099	3.5699
Es-250	9.8481	6.5995	8.9951	10.1434	9.5170	7.9159	10.6340	11.2902
Es-250m	2.7486	1.8898	2.5215	2.8242	2.7595	2.3499	3.0521	3.2004
Es-251	2.8644	1.9040	2.6149	2.9611	2.6715	2.1798	3.0148	3.2453
Es-253	0.0689	0.0424	0.0621	0.0716	0.0582	0.0440	0.0676	0.0752
Es-254	2.5480	1.5327	2.2883	2.6577	2.0782	1.5185	2.4443	2.7643
Es-254m	1.4490	0.9773	1.3230	1.4829	1.4840	1.2667	1.6326	1.6981
Es-255	0.0007	0.0005	0.0007	0.0007	0.0009	0.0008	0.0009	0.0009
Es-256	0.3251	0.2044	0.2938	0.3364	0.2874	0.2252	0.3287	0.3582
Eu-142	0.2657	0.1869	0.2439	0.2696	0.3043	0.2730	0.3264	0.3269
Eu-142m	3.4865	2.4544	3.2006	3.5388	3.9871	3.5702	4.2795	4.3104
Eu-143	0.5688	0.3943	0.5213	0.5806	0.6227	0.5489	0.6754	0.6867
Eu-144	0.2516	0.1734	0.2302	0.2566	0.2764	0.2434	0.2995	0.3039
Eu-145	2.2121	1.5400	2.0285	2.2553	2.4440	2.1632	2.6449	2.6826
Eu-146	3.5621	2.5237	3.2754	3.6167	4.0693	3.6554	4.3661	4.3849
Eu-147	2.4358	1.7156	2.2417	2.4960	2.6139	2.3000	2.8482	2.9235
Eu-148	4.1354	2.9519	3.8087	4.2001	4.7271	4.2553	5.0695	5.0960
Eu-149	1.4445	0.9458	1.3131	1.4946	1.4002	1.1579	1.5700	1.6724
Eu-150	3.9586	2.8462	3.6519	4.0270	4.4878	4.0379	4.8239	4.8640
Eu-150m	0.1979	0.1386	0.1818	0.2025	0.2135	0.1880	0.2324	0.2379
Eu-152	2.7075	1.9216	2.4928	2.7625	3.0016	2.6732	3.2448	3.2940
Eu-152m	0.7626	0.5352	0.7008	0.7790	0.8353	0.7389	0.9059	0.9227
Eu-152n	1.7087	1.1466	1.5624	1.7768	1.6293	1.3413	1.8364	1.9905
Eu-154	2.1219	1.5249	1.9575	2.1601	2.4048	2.1618	2.5846	2.6107
Eu-154m	2.1152	1.3664	1.9205	2.2040	1.9470	1.5576	2.2163	2.4311
Eu-155	1.0680	0.7693	0.9889	1.1008	1.1229	0.9859	1.2297	1.2805
Eu-156	1.2503	0.8795	1.1475	1.2698	1.4263	1.2763	1.5313	1.5413
Eu-157	2.0353	1.3860	1.8628	2.0984	2.0740	1.7688	2.2918	2.4105
Eu-158	1.7255	1.2032	1.5821	1.7573	1.9283	1.7099	2.0816	2.1131
Eu-159	2.2484	1.5701	2.0679	2.3129	2.3522	2.0455	2.5786	2.6783
F-17	0.0003	0.0002	0.0003	0.0003	0.0004	0.0003	0.0004	0.0004
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.4563	1.0564	1.3480	1.4966	1.5512	1.3664	1.6946	1.7643

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fe-53	0.4403	0.3238	0.4077	0.4469	0.5108	0.4649	0.5460	0.5483
Fe-53m	2.6595	1.9091	2.4471	2.6800	3.2032	2.9305	3.3940	3.3465
Fe-55	0.5510	0.2803	0.4825	0.5888	0.3563	0.1924	0.4591	0.5832
Fe-59	0.9862	0.7069	0.9069	0.9937	1.1889	1.0879	1.2595	1.2405
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.3440	0.9745	1.2395	1.3566	1.6087	1.4729	1.7071	1.6875
Fe-62	0.9261	0.6807	0.8570	0.9365	1.0999	1.0084	1.1679	1.1611
Fm-251	2.4662	1.6505	2.2529	2.5498	2.3456	1.9338	2.6350	2.8284
Fm-252	0.1745	0.1095	0.1577	0.1807	0.1523	0.1184	0.1749	0.1914
Fm-253	2.4969	1.6214	2.2697	2.5838	2.2753	1.8240	2.5837	2.8008
Fm-254	0.1833	0.1158	0.1658	0.1896	0.1623	0.1272	0.1856	0.2021
Fm-255	1.9794	1.2174	1.7838	2.0569	1.6683	1.2577	1.9389	2.1570
Fm-256	13.1552	9.6270	12.1612	13.3010	15.5820	14.2597	16.5579	16.4389
Fm-257	2.6970	1.8151	2.4664	2.7823	2.5803	2.1397	2.8906	3.0830
Fr-212	3.5192	2.3926	3.2223	3.6258	3.4944	2.9369	3.8880	4.1179
Fr-219	0.0143	0.0103	0.0132	0.0146	0.0155	0.0137	0.0169	0.0173
Fr-220	0.4085	0.2561	0.3697	0.4265	0.3441	0.2587	0.4020	0.4523
Fr-221	0.2372	0.1697	0.2192	0.2436	0.2476	0.2157	0.2716	0.2832
Fr-222	1.8345	1.2501	1.6816	1.8930	1.7738	1.4762	1.9855	2.1200
Fr-223	1.5674	1.0370	1.4306	1.6233	1.4543	1.1793	1.6447	1.7791
Fr-224	1.6303	1.1437	1.5000	1.6713	1.7000	1.4721	1.8651	1.9388
Fr-227	2.6812	1.8920	2.4730	2.7580	2.7520	2.3746	3.0320	3.1736
Ga-64	1.3615	0.9648	1.2488	1.3718	1.6306	1.4832	1.7296	1.7072
Ga-65	1.7534	1.1831	1.6034	1.8192	1.7033	1.4142	1.9095	2.0600
Ga-66	1.4130	0.8949	1.2734	1.4550	1.4057	1.1532	1.5671	1.6692
Ga-67	2.6225	1.5940	2.3573	2.7545	2.1981	1.6232	2.5817	2.9584
Ga-68	0.1688	0.0929	0.1493	0.1783	0.1282	0.0847	0.1558	0.1855
Ga-70	0.0152	0.0100	0.0138	0.0157	0.0151	0.0126	0.0169	0.0180
Ga-72	2.0339	1.4583	1.8706	2.0495	2.4458	2.2349	2.5922	2.5568
Ga-73	2.9439	1.7820	2.6425	3.0829	2.5123	1.8729	2.9343	3.3321
Ga-74	2.2538	1.6218	2.0744	2.2710	2.7113	2.4797	2.8714	2.8336
Gd-142	1.2591	0.8919	1.1589	1.2856	1.3875	1.2324	1.5017	1.5288
Gd-143m	3.1803	2.2687	2.9306	3.2424	3.5496	3.1705	3.8299	3.8826
Gd-144	0.9411	0.6478	0.8619	0.9640	1.0035	0.8748	1.0954	1.1261
Gd-145m	1.3809	0.9216	1.2574	1.4177	1.4316	1.2182	1.5766	1.6510
Gd-145	1.8526	1.2866	1.6960	1.8832	2.0841	1.8521	2.2445	2.2615
Gd-146	4.2989	3.0557	3.9667	4.4198	4.5391	3.9824	4.9651	5.1367
Gd-147	3.7846	2.7086	3.4897	3.8583	4.2304	3.7844	4.5621	4.6253
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.0424	2.1666	2.8054	3.1156	3.2941	2.9143	3.5813	3.6715
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.7184	1.1263	1.5628	1.7804	1.6523	1.3604	1.8563	1.9894
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Gd-153	2.4130	1.6853	2.2200	2.4856	2.4998	2.1677	2.7489	2.8607
Gd-159	0.4349	0.3021	0.3994	0.4471	0.4556	0.3956	0.4993	0.5190
Gd-162	1.1659	0.8267	1.0726	1.1896	1.2904	1.1450	1.3958	1.4272
Ge-66	3.0736	1.9381	2.7767	3.2024	2.7917	2.1923	3.1952	3.5344
Ge-67	1.4075	1.0402	1.3063	1.4374	1.5754	1.4195	1.6987	1.7318
Ge-68	1.3530	0.6894	1.1851	1.4457	0.8762	0.4745	1.1282	1.4320
Ge-69	1.7407	1.0307	1.5554	1.8188	1.5060	1.1224	1.7524	1.9785
Ge-71	1.3723	0.6992	1.2020	1.4663	0.8886	0.4812	1.1443	1.4524
Ge-75	0.1430	0.1078	0.1332	0.1454	0.1657	0.1518	0.1770	0.1778
Ge-77	2.4209	1.7977	2.2467	2.4569	2.8205	2.5769	3.0098	3.0166
Ge-78	1.0551	0.7959	0.9827	1.0716	1.2304	1.1293	1.3130	1.3150
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6540	1.1496	1.5195	1.7040	1.7100	1.4734	1.8822	1.9758
Hf-169	2.4159	1.6600	2.2143	2.4885	2.4935	2.1397	2.7442	2.8833
Hf-170	3.7082	2.4850	3.3865	3.8437	3.6194	3.0092	4.0475	4.3525
Hf-172	3.6400	2.3129	3.2960	3.7992	3.2745	2.5755	3.7486	4.1541
Hf-173	3.9524	2.7924	3.6439	4.0758	4.0940	3.5489	4.5006	4.7251
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.6427	1.8077	2.4212	2.7284	2.6768	2.2766	2.9624	3.1358
Hf-177m	13.1372	9.3107	12.1075	13.4986	13.9139	12.1552	15.2191	15.8438
Hf-178m	9.1138	6.4606	8.3967	9.3482	9.7713	8.5715	10.6549	11.0430
Hf-179m	5.8302	4.0318	5.3506	6.0127	5.9651	5.1048	6.5861	6.9526
Hf-180m	4.7932	3.3929	4.4154	4.9202	5.1103	4.4741	5.5795	5.7926
Hf-181	2.3749	1.6684	2.1849	2.4412	2.5014	2.1752	2.7400	2.8589
Hf-182	1.2812	0.9316	1.1860	1.3115	1.4046	1.2512	1.5223	1.5628
Hf-182m	4.3925	3.0323	4.0297	4.5266	4.5194	3.8746	4.9826	5.2454
Hf-183	1.9470	1.3916	1.7963	1.9912	2.1463	1.9082	2.3232	2.3764
Hf-184	3.6973	2.2752	3.3292	3.8733	3.1772	2.3969	3.6996	4.1886
Hg-190	3.7874	2.5193	3.4581	3.9399	3.5388	2.8730	4.0109	4.3790
Hg-191m	5.2184	3.5410	4.7734	5.3837	5.2520	4.4333	5.8292	6.1807
Hg-192	3.8030	2.4982	3.4643	3.9568	3.5266	2.8393	4.0072	4.3858
Hg-193	3.6142	2.3785	3.2910	3.7489	3.4369	2.8019	3.8771	4.1992
Hg-193m	3.0935	2.0910	2.8277	3.1907	3.1126	2.6249	3.4549	3.6606
Hg-194	0.7685	0.4091	0.6778	0.8167	0.5199	0.3034	0.6572	0.8138
Hg-195	2.7678	1.7404	2.5039	2.8942	2.4095	1.8473	2.7915	3.1297
Hg-195m	3.3679	2.0364	3.0267	3.5329	2.7807	2.0317	3.2775	3.7524
Hg-197	2.6245	1.6460	2.3742	2.7489	2.2519	1.7107	2.6207	2.9560
Hg-197m	2.4163	1.5154	2.1849	2.5287	2.0757	1.5769	2.4147	2.7229
Hg-199m	2.6811	1.7802	2.4468	2.7868	2.5066	2.0333	2.8410	3.0992
Hg-203	1.1804	0.8570	1.0926	1.2076	1.2902	1.1473	1.3999	1.4364
Hg-205	0.0435	0.0312	0.0402	0.0448	0.0458	0.0400	0.0501	0.0523
Hg-206	0.5853	0.4167	0.5400	0.6003	0.6239	0.5469	0.6818	0.7060
Hg-207	2.9119	2.0682	2.6780	2.9569	3.3201	2.9753	3.5658	3.5912

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-150	1.4823	1.0596	1.3647	1.5020	1.7247	1.5606	1.8424	1.8421
Ho-153	2.1628	1.5411	1.9941	2.2126	2.3652	2.0973	2.5642	2.6266
Ho-153m	2.6231	1.8618	2.4177	2.6901	2.8191	2.4815	3.0693	3.1690
Ho-154m	4.6789	3.3932	4.3225	4.7556	5.3609	4.8467	5.7453	5.7865
Ho-154	2.4592	1.7744	2.2698	2.5004	2.8060	2.5301	3.0111	3.0352
Ho-155	2.4713	1.6947	2.2645	2.5472	2.5298	2.1651	2.7905	2.9336
Ho-156	3.7209	2.6653	3.4324	3.8004	4.1198	3.6716	4.4519	4.5407
Ho-157	3.6738	2.5442	3.3726	3.7820	3.8085	3.2872	4.1851	4.3753
Ho-159	4.0704	2.8567	3.7471	4.1922	4.2350	3.6762	4.6479	4.8555
Ho-160	3.9496	2.7481	3.6243	4.0414	4.2781	3.7537	4.6509	4.7825
Ho-161	2.0891	1.3709	1.9004	2.1638	2.0074	1.6556	2.2496	2.4131
Ho-162	1.6875	1.1176	1.5380	1.7493	1.6380	1.3581	1.8329	1.9653
Ho-162m	2.9746	1.9745	2.7103	3.0780	2.9217	2.4309	3.2618	3.4889
Ho-163	0.0221	0.0112	0.0194	0.0236	0.0143	0.0077	0.0184	0.0234
Ho-164	0.9715	0.6402	0.8849	1.0083	0.9324	0.7680	1.0466	1.1274
Ho-164m	2.1917	1.3441	1.9727	2.2946	1.8979	1.4427	2.2001	2.4754
Ho-166	0.4158	0.2610	0.3758	0.4350	0.3679	0.2849	0.4238	0.4741
Ho-166m	4.0901	2.9176	3.7698	4.1781	4.5166	4.0124	4.8870	5.0010
Ho-167	1.5719	1.1299	1.4515	1.6075	1.7269	1.5356	1.8708	1.9177
Ho-168	1.5748	1.0919	1.4434	1.6097	1.7152	1.5038	1.8638	1.9158
Ho-168m	0.5258	0.2992	0.4678	0.5554	0.4062	0.2770	0.4896	0.5781
Ho-170	3.7564	2.6430	3.4537	3.8424	4.0967	3.6104	4.4471	4.5694
I-118m	4.0289	2.9213	3.7184	4.0702	4.7796	4.3677	5.0769	5.0402
I-118	1.3843	1.0013	1.2768	1.3981	1.6419	1.4994	1.7438	1.7306
I-119	1.7142	1.2505	1.5860	1.7426	1.9361	1.7511	2.0755	2.0891
I-120	1.8092	1.2928	1.6640	1.8275	2.1242	1.9295	2.2592	2.2429
I-120m	3.5457	2.5616	3.2697	3.5819	4.1947	3.8273	4.4566	4.4255
I-121	2.1510	1.5570	1.9874	2.1894	2.3894	2.1488	2.5684	2.5973
I-122	0.4439	0.3133	0.4079	0.4505	0.4974	0.4458	0.5336	0.5365
I-123	2.2486	1.6291	2.0786	2.2922	2.4698	2.2161	2.6620	2.7004
I-124	1.7044	1.2024	1.5655	1.7279	1.9251	1.7281	2.0621	2.0682
I-125	2.0334	1.3921	1.8590	2.0727	2.1429	1.8762	2.3249	2.3692
I-126	1.2638	0.9013	1.1635	1.2824	1.4274	1.2847	1.5296	1.5367
I-128	0.2081	0.1497	0.1919	0.2112	0.2368	0.2140	0.2534	0.2544
I-129	1.0603	0.7268	0.9697	1.0823	1.1201	0.9801	1.2158	1.2416
I-130m	0.4926	0.3286	0.4485	0.5054	0.5038	0.4287	0.5542	0.5792
I-130	3.0808	2.2468	2.8464	3.1119	3.6738	3.3653	3.8993	3.8686
I-131	1.2186	0.9029	1.1283	1.2341	1.4480	1.3304	1.5268	1.5234
I-132	2.7187	1.9714	2.5084	2.7438	3.2538	2.9792	3.4517	3.4169
I-132m	1.2434	0.8470	1.1365	1.2735	1.2987	1.1206	1.4218	1.4751
I-133	0.9755	0.7139	0.9019	0.9859	1.1605	1.0633	1.2320	1.2235
I-134m	2.0998	1.5041	1.9362	2.1377	2.3227	2.0810	2.4997	2.5272
I-134	2.8428	2.0560	2.6208	2.8686	3.4036	3.1149	3.6113	3.5709

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
I-135	1.2485	0.8958	1.1483	1.2581	1.5038	1.3755	1.5933	1.5696
In-103	2.2190	1.6236	2.0515	2.2451	2.6081	2.3829	2.7755	2.7617
In-105	2.1712	1.5923	2.0103	2.2024	2.5000	2.2761	2.6703	2.6709
In-106	3.4751	2.5097	3.2043	3.5086	4.1267	3.7690	4.3834	4.3447
In-106m	1.5874	1.1398	1.4613	1.6009	1.8896	1.7237	2.0048	1.9836
In-107	2.1742	1.5691	2.0061	2.2042	2.4697	2.2329	2.6436	2.6469
In-108	4.9053	3.5302	4.5207	4.9580	5.7414	5.2231	6.1140	6.0746
In-108m	1.8915	1.3446	1.7384	1.9102	2.1978	1.9901	2.3412	2.3256
In-109	2.4682	1.7864	2.2806	2.5079	2.7502	2.4777	2.9545	2.9753
In-109m	0.9153	0.6636	0.8450	0.9245	1.0843	0.9906	1.1518	1.1443
In-110	4.6286	3.3095	4.2611	4.6785	5.3837	4.8848	5.7390	5.7076
In-110m	1.4291	1.0208	1.3158	1.4453	1.6481	1.4920	1.7588	1.7533
In-111	3.3144	2.4405	3.0740	3.3730	3.6971	3.3442	3.9730	4.0097
In-111m	0.9330	0.6784	0.8618	0.9439	1.0918	0.9956	1.1621	1.1578
In-112	0.4220	0.2921	0.3868	0.4289	0.4481	0.3950	0.4854	0.4911
In-112m	0.9668	0.6767	0.8879	0.9842	1.0283	0.9091	1.1140	1.1300
In-113m	0.9831	0.7108	0.9076	0.9974	1.1137	1.0071	1.1930	1.1971
In-114	0.0072	0.0050	0.0066	0.0073	0.0078	0.0069	0.0084	0.0084
In-114m	0.7898	0.5544	0.7258	0.8048	0.8446	0.7462	0.9153	0.9317
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9484	0.6801	0.8745	0.9632	1.0531	0.9463	1.1326	1.1396
In-116m	2.0225	1.4531	1.8608	2.0385	2.4336	2.2264	2.5787	2.5418
In-117	2.1271	1.5936	1.9783	2.1603	2.4698	2.2631	2.6356	2.6429
In-117m	0.6852	0.4996	0.6341	0.6969	0.7628	0.6884	0.8203	0.8271
In-118m	2.5333	1.8205	2.3316	2.5534	3.0493	2.7905	3.2311	3.1866
In-118	0.0620	0.0443	0.0570	0.0624	0.0748	0.0685	0.0792	0.0780
In-119	1.2124	0.8518	1.1127	1.2299	1.3743	1.2298	1.4759	1.4843
In-119m	0.2119	0.1433	0.1933	0.2164	0.2210	0.1909	0.2416	0.2488
In-121	1.0354	0.7480	0.9544	1.0446	1.2409	1.1357	1.3166	1.3012
In-121m	0.7708	0.5468	0.7099	0.7851	0.8372	0.7475	0.9029	0.9121
Ir-180	3.4996	2.4103	3.2087	3.6028	3.6117	3.0957	3.9810	4.1830
Ir-182	3.5102	2.4069	3.2167	3.6209	3.5664	3.0336	3.9477	4.1740
Ir-183	4.1078	2.7076	3.7400	4.2596	3.9551	3.2455	4.4464	4.8002
Ir-184	5.1998	3.5520	4.7602	5.3571	5.3243	4.5372	5.8816	6.1972
Ir-185	4.4756	2.8282	4.0480	4.6707	4.0174	3.1375	4.6128	5.1217
Ir-186	5.0088	3.4353	4.5889	5.1597	5.1396	4.3898	5.6742	5.9738
Ir-186m	2.9717	2.0093	2.7156	3.0637	3.0164	2.5538	3.3406	3.5307
Ir-187	3.0520	1.9402	2.7640	3.1856	2.7480	2.1554	3.1518	3.4960
Ir-188	3.6923	2.4916	3.3717	3.8042	3.7613	3.1862	4.1610	4.3897
Ir-189	2.4308	1.5037	2.1927	2.5493	2.0761	1.5651	2.4206	2.7422
Ir-190	5.2030	3.6261	4.7790	5.3433	5.4870	4.7596	6.0107	6.2653
Ir-190m	0.7576	0.3895	0.6645	0.8086	0.4949	0.2722	0.6349	0.8018
Ir-190n	1.8739	1.1838	1.6963	1.9611	1.6469	1.2731	1.9023	2.1293

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-191m	2.4637	1.5196	2.2215	2.5848	2.0791	1.5535	2.4334	2.7687
Ir-192	2.5115	1.8385	2.3256	2.5562	2.8552	2.5792	3.0681	3.1019
Ir-192m	0.8536	0.4486	0.7513	0.9086	0.5698	0.3253	0.7244	0.9036
Ir-192n	1.7809	0.9386	1.5681	1.8951	1.1933	0.6854	1.5148	1.8865
Ir-193m	0.7544	0.3899	0.6622	0.8047	0.4962	0.2760	0.6348	0.7993
Ir-194	0.2244	0.1648	0.2079	0.2280	0.2581	0.2342	0.2766	0.2782
Ir-194m	5.2273	3.7915	4.8299	5.3120	5.9828	5.4018	6.4162	6.4712
Ir-195	1.8783	1.1830	1.6999	1.9663	1.6287	1.2470	1.8892	2.1240
Ir-195m	2.2946	1.5421	2.0964	2.3744	2.2478	1.8703	2.5140	2.6950
Ir-196	0.4464	0.3253	0.4127	0.4530	0.5166	0.4687	0.5527	0.5546
Ir-196m	5.8865	4.2097	5.4259	5.9980	6.5844	5.8758	7.1024	7.2297
K-38	0.8790	0.6206	0.8043	0.8825	1.0702	0.9764	1.1301	1.1063
K-40	0.1082	0.0745	0.0987	0.1095	0.1247	0.1111	0.1336	0.1338
K-42	0.1679	0.1194	0.1541	0.1689	0.2036	0.1860	0.2155	0.2113
K-43	1.8784	1.3872	1.7405	1.9005	2.2258	2.0416	2.3659	2.3559
K-44	1.3831	0.9860	1.2697	1.3917	1.6741	1.5304	1.7711	1.7405
K-45	1.8124	1.3408	1.6789	1.8345	2.1447	1.9661	2.2803	2.2675
K-46	1.3611	0.9663	1.2479	1.3685	1.6518	1.5095	1.7459	1.7122
Kr-74	2.3108	1.6070	2.1257	2.3846	2.3082	1.9582	2.5646	2.7194
Kr-75	1.8583	1.3464	1.7213	1.9082	1.9593	1.7206	2.1436	2.2265
Kr-76	3.2679	2.1457	2.9762	3.3812	3.0403	2.4502	3.4474	3.7342
Kr-77	1.9427	1.4259	1.8043	1.9949	2.0647	1.8259	2.2538	2.3361
Kr-79	1.8210	1.1294	1.6443	1.8969	1.5334	1.1449	1.7923	2.0133
Kr-81	1.4194	0.8230	1.2699	1.4913	1.0443	0.6888	1.2761	1.5041
Kr-81m	1.2398	0.8832	1.1453	1.2730	1.2684	1.0943	1.3982	1.4634
Kr-83m	0.6306	0.3596	0.5625	0.6640	0.4569	0.2952	0.5617	0.6682
Kr-85	0.0041	0.0030	0.0038	0.0041	0.0048	0.0044	0.0051	0.0051
Kr-85m	1.2130	0.9121	1.1310	1.2397	1.3435	1.2134	1.4513	1.4805
Kr-87	0.7735	0.5650	0.7144	0.7813	0.9215	0.8438	0.9781	0.9702
Kr-88	1.5054	1.0757	1.3853	1.5239	1.7285	1.5551	1.8503	1.8511
Kr-89	1.6485	1.1966	1.5207	1.6646	1.9619	1.7928	2.0832	2.0642
La-128	3.2057	2.3396	2.9628	3.2449	3.7676	3.4386	4.0113	3.9956
La-129	1.6740	1.2100	1.5464	1.7057	1.8690	1.6792	2.0101	2.0358
La-130	2.3794	1.7250	2.1961	2.4092	2.7799	2.5294	2.9631	2.9559
La-131	2.2726	1.6289	2.0962	2.3175	2.5129	2.2470	2.7077	2.7499
La-132	2.2836	1.6310	2.1015	2.3146	2.6299	2.3751	2.8096	2.8130
La-132m	2.3011	1.6472	2.1222	2.3490	2.5363	2.2607	2.7394	2.7928
La-133	1.3799	0.9026	1.2527	1.4218	1.3561	1.1296	1.5064	1.5963
La-134	0.4650	0.3180	0.4250	0.4750	0.4939	0.4312	0.5364	0.5499
La-135	1.0894	0.7384	0.9944	1.1151	1.1341	0.9814	1.2368	1.2757
La-136	0.7241	0.4914	0.6611	0.7409	0.7570	0.6562	0.8249	0.8496
La-137	1.0413	0.7035	0.9500	1.0664	1.0785	0.9306	1.1778	1.2171
La-138	1.4794	1.0302	1.3546	1.5009	1.6773	1.4976	1.7992	1.8069

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-140	2.0089	1.4496	1.8504	2.0266	2.4045	2.1974	2.5512	2.5202
La-141	0.0174	0.0124	0.0160	0.0176	0.0211	0.0193	0.0224	0.0220
La-142	1.3930	0.9971	1.2802	1.4023	1.6808	1.5363	1.7787	1.7517
La-143	0.2003	0.1439	0.1843	0.2018	0.2412	0.2206	0.2555	0.2519
Lu-165	3.5767	2.4748	3.2830	3.6857	3.6920	3.1759	4.0623	4.2668
Lu-167	3.9496	2.6828	3.6101	4.0633	4.0749	3.4846	4.4842	4.7026
Lu-169m	0.5555	0.2828	0.4865	0.5936	0.3595	0.1944	0.4631	0.5880
Lu-169	3.6607	2.4893	3.3482	3.7715	3.7593	3.2088	4.1438	4.3602
Lu-170	3.3783	2.2806	3.0826	3.4695	3.5330	3.0285	3.8767	4.0453
Lu-171m	0.5894	0.3015	0.5166	0.6296	0.3841	0.2101	0.4934	0.6248
Lu-171	4.1009	2.6444	3.7200	4.2600	3.8521	3.1101	4.3544	4.7424
Lu-172	4.7462	3.2267	4.3391	4.8818	4.9254	4.2185	5.4177	5.6782
Lu-172m	0.4995	0.2543	0.4374	0.5337	0.3232	0.1747	0.4163	0.5286
Lu-173	3.2890	2.2092	3.0063	3.4120	3.2047	2.6691	3.5813	3.8501
Lu-174	1.8523	1.1881	1.6799	1.9318	1.6980	1.3523	1.9328	2.1298
Lu-174m	2.5618	1.5468	2.3009	2.6911	2.1454	1.5856	2.5156	2.8753
Lu-176	3.1654	2.2181	2.9115	3.2589	3.2880	2.8400	3.6169	3.7968
Lu-176m	0.5506	0.3346	0.4952	0.5789	0.4591	0.3387	0.5396	0.6187
Lu-177	0.3749	0.2613	0.3447	0.3873	0.3798	0.3245	0.4204	0.4460
Lu-177m	7.0332	4.9793	6.4826	7.2373	7.3812	6.4263	8.0904	8.4555
Lu-178	0.4191	0.2681	0.3796	0.4362	0.3891	0.3106	0.4423	0.4852
Lu-178m	5.5203	3.9497	5.0968	5.6663	5.9199	5.2100	6.4544	6.6882
Lu-179	0.1713	0.1277	0.1593	0.1749	0.1924	0.1740	0.2070	0.2108
Lu-180	2.6169	1.8295	2.4020	2.6753	2.8553	2.5101	3.1008	3.1859
Lu-181	2.6204	1.7276	2.3847	2.7138	2.5487	2.1013	2.8564	3.0763
Mg-27	0.9363	0.6746	0.8624	0.9441	1.1257	1.0304	1.1938	1.1782
Mg-28	2.0333	1.4648	1.8732	2.0528	2.3915	2.1851	2.5373	2.5074
Mn-50m	3.0842	2.2122	2.8371	3.1080	3.7153	3.3983	3.9371	3.8797
Mn-51	0.0179	0.0101	0.0159	0.0188	0.0142	0.0098	0.0170	0.0199
Mn-52	3.0743	2.1405	2.8145	3.1172	3.5276	3.1505	3.7851	3.8050
Mn-52m	0.9204	0.6532	0.8443	0.9266	1.1107	1.0131	1.1766	1.1566
Mn-53	0.4487	0.2283	0.3929	0.4795	0.2901	0.1567	0.3738	0.4749
Mn-54	1.3614	0.8864	1.2337	1.4000	1.3857	1.1593	1.5361	1.6226
Mn-56	1.2930	0.9270	1.1890	1.3024	1.5594	1.4262	1.6522	1.6270
Mn-57	1.0957	0.6619	0.9844	1.1480	0.9038	0.6601	1.0647	1.2173
Mn-58m	2.0629	1.4836	1.8985	2.0792	2.4830	2.2722	2.6315	2.5941
Mo-101	1.8695	1.3247	1.7186	1.8993	2.1201	1.8964	2.2785	2.3010
Mo-102	0.1220	0.0930	0.1140	0.1243	0.1395	0.1279	0.1494	0.1507
Mo-89	0.2312	0.1643	0.2126	0.2335	0.2680	0.2420	0.2861	0.2846
Mo-90	3.6341	2.6278	3.3646	3.7067	3.8678	3.4221	4.2037	4.2916
Mo-91m	0.9452	0.6762	0.8700	0.9541	1.1126	1.0106	1.1839	1.1742
Mo-91	0.0820	0.0555	0.0751	0.0838	0.0792	0.0664	0.0879	0.0913
Mo-93	1.1341	0.7624	1.0382	1.1600	1.0620	0.8787	1.1879	1.2436

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-93m	2.8222	2.0341	2.6027	2.8545	3.2764	2.9703	3.4964	3.4820
Mo-99	0.3632	0.2668	0.3366	0.3687	0.4149	0.3768	0.4443	0.4454
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.6068	0.4276	0.5535	0.6071	0.7413	0.6754	0.7785	0.7599
Na-22	0.9188	0.6546	0.8435	0.9249	1.1121	1.0174	1.1770	1.1562
Na-24	1.7757	1.2575	1.6266	1.7842	2.1586	1.9717	2.2800	2.2337
Nb-87	2.3138	1.6900	2.1464	2.3626	2.4660	2.1856	2.6808	2.7469
Nb-88m	3.4824	2.5191	3.2110	3.5156	4.1462	3.7881	4.4033	4.3619
Nb-88	4.8508	3.4855	4.4736	4.9131	5.5605	5.0177	5.9521	5.9549
Nb-89	0.5875	0.4045	0.5381	0.5966	0.6228	0.5415	0.6777	0.6888
Nb-89m	1.0715	0.7697	0.9886	1.0867	1.2064	1.0827	1.2956	1.3035
Nb-90	3.7036	2.6453	3.4121	3.7562	4.1493	3.7115	4.4616	4.4848
Nb-91	1.1988	0.7975	1.0962	1.2293	1.0904	0.8842	1.2311	1.3040
Nb-91m	0.9924	0.6671	0.9083	1.0152	0.9326	0.7724	1.0426	1.0915
Nb-92	3.0242	2.1238	2.7807	3.0709	3.2869	2.8993	3.5586	3.6055
Nb-92m	2.1661	1.4923	1.9866	2.2043	2.2530	1.9476	2.4641	2.5206
Nb-93m	0.2334	0.1519	0.2125	0.2402	0.2096	0.1677	0.2379	0.2548
Nb-94m	0.7843	0.5255	0.7175	0.8027	0.7323	0.6042	0.8201	0.8603
Nb-94	1.8118	1.3102	1.6706	1.8278	2.1728	1.9893	2.3048	2.2787
Nb-95	0.9002	0.6514	0.8301	0.9083	1.0791	0.9881	1.1450	1.1318
Nb-95m	1.0562	0.7361	0.9721	1.0786	1.0555	0.9046	1.1630	1.2022
Nb-96	2.9433	2.1357	2.7155	2.9709	3.5214	3.2246	3.7364	3.6974
Nb-97	0.9122	0.6636	0.8426	0.9209	1.0900	0.9983	1.1563	1.1469
Nb-98m	2.8692	2.0727	2.6442	2.8943	3.4373	3.1450	3.6467	3.6034
Nb-99	2.3346	1.7404	2.1751	2.3857	2.5349	2.2788	2.7430	2.7957
Nb-99m	0.7255	0.5253	0.6696	0.7344	0.8391	0.7609	0.8959	0.8935
Nd-134	2.4438	1.7748	2.2611	2.4969	2.6943	2.4135	2.9112	2.9633
Nd-135	2.7975	1.9908	2.5778	2.8598	3.0514	2.7055	3.3075	3.3819
Nd-136	2.4993	1.7417	2.2958	2.5642	2.6339	2.2992	2.8789	2.9697
Nd-137	2.5050	1.7665	2.3034	2.5551	2.7602	2.4531	2.9829	3.0275
Nd-138	1.1333	0.7710	1.0361	1.1630	1.1738	1.0133	1.2873	1.3306
Nd-139	1.0376	0.7145	0.9502	1.0617	1.1041	0.9647	1.2029	1.2333
Nd-139m	3.5930	2.5568	3.3086	3.6584	4.0267	3.6048	4.3352	4.3792
Nd-140	1.0553	0.7132	0.9637	1.0837	1.0844	0.9316	1.1916	1.2346
Nd-141	1.0664	0.7225	0.9742	1.0945	1.1012	0.9485	1.2085	1.2499
Nd-141m	0.9138	0.6571	0.8419	0.9237	1.0794	0.9830	1.1490	1.1412
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1609	0.8287	1.0717	1.1901	1.2516	1.1079	1.3613	1.3952
Nd-149	1.8590	1.3674	1.7244	1.8974	2.0837	1.8799	2.2440	2.2767
Nd-151	2.0495	1.5139	1.9015	2.0858	2.3486	2.1357	2.5160	2.5314
Nd-152	0.8955	0.6334	0.8248	0.9174	0.9512	0.8321	1.0386	1.0737
Ne-19	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Ne-24	1.0106	0.7441	0.9355	1.0222	1.1996	1.1001	1.2742	1.2673

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ni-56	4.0678	2.8473	3.7359	4.1671	4.3697	3.8185	4.7674	4.9354
Ni-57	1.5593	1.0322	1.4163	1.5997	1.6255	1.3802	1.7888	1.8694
Ni-59	0.7780	0.3958	0.6813	0.8314	0.5030	0.2717	0.6482	0.8234
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.4214	0.3018	0.3874	0.4245	0.5085	0.4650	0.5386	0.5301
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.8844	3.3597	4.4815	5.0170	4.9231	4.1868	5.4489	5.7148
Np-233	2.0508	1.4015	1.8829	2.1200	1.9529	1.6187	2.1942	2.3504
Np-234	3.1168	2.0988	2.8496	3.2084	3.0463	2.5399	3.3993	3.6005
Np-235	1.0864	0.6518	0.9762	1.1343	0.8615	0.6151	1.0231	1.1670
Np-236	5.0271	3.3003	4.5828	5.2057	4.5446	3.6291	5.1791	5.6330
Np-236m	1.2083	0.8143	1.1067	1.2499	1.1298	0.9247	1.2757	1.3739
Np-237	2.0099	1.2808	1.8232	2.0848	1.7502	1.3569	2.0156	2.2173
Np-238	1.4490	0.9539	1.3183	1.4872	1.4227	1.1821	1.5848	1.6703
Np-239	3.0634	2.0736	2.8057	3.1658	2.9241	2.4195	3.2835	3.5183
Np-240	4.3203	2.9070	3.9480	4.4397	4.2555	3.5651	4.7345	4.9948
Np-240m	1.2389	0.8178	1.1283	1.2737	1.1973	0.9888	1.3387	1.4200
Np-241	0.7845	0.5350	0.7197	0.8101	0.7511	0.6243	0.8421	0.8995
Np-242	0.3489	0.2374	0.3187	0.3556	0.3714	0.3216	0.4052	0.4157
Np-242m	3.8671	2.5683	3.5260	3.9780	3.7379	3.0942	4.1801	4.4336
O-14	0.8698	0.6138	0.7957	0.8731	1.0599	0.9672	1.1188	1.0946
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	1.6699	1.2526	1.5526	1.6942	1.9593	1.7991	2.0863	2.0856
Os-180	2.7167	1.6851	2.4508	2.8434	2.3519	1.7926	2.7280	3.0682
Os-181	4.6431	3.1257	4.2411	4.7981	4.6369	3.8944	5.1577	5.4899
Os-182	3.4238	2.2501	3.1163	3.5568	3.2493	2.6463	3.6671	3.9875
Os-183	4.6344	3.1189	4.2357	4.8020	4.5415	3.7851	5.0774	5.4482
Os-183m	2.6033	1.7198	2.3696	2.6912	2.5760	2.1426	2.8737	3.0677
Os-185	2.5282	1.6818	2.3048	2.6137	2.5049	2.0890	2.7923	2.9826
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.7268	0.3726	0.6372	0.7760	0.4734	0.2591	0.6081	0.7693
Os-190m	4.9550	3.4314	4.5436	5.0838	5.2314	4.5279	5.7310	5.9749
Os-191	2.5556	1.5930	2.3084	2.6785	2.1888	1.6569	2.5495	2.8839
Os-191m	0.8694	0.4708	0.7683	0.9238	0.6134	0.3770	0.7643	0.9359
Os-193	0.6875	0.4441	0.6243	0.7163	0.6293	0.5003	0.7181	0.7913
Os-194	0.6963	0.3761	0.6151	0.7390	0.4897	0.2999	0.6106	0.7460
Os-196	0.5860	0.4028	0.5376	0.6056	0.5877	0.4979	0.6527	0.6936
P-30	0.0007	0.0005	0.0006	0.0007	0.0008	0.0007	0.0009	0.0009
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.9982	0.6411	0.9071	1.0378	0.8705	0.6756	1.0040	1.1094
Pa-228	5.5154	3.7050	5.0415	5.6829	5.3510	4.4407	5.9861	6.3673
Pa-229	1.9532	1.3027	1.7862	2.0248	1.7902	1.4444	2.0345	2.2104

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pa-230	3.2579	2.1854	2.9782	3.3597	3.1321	2.5884	3.5120	3.7468
Pa-231	2.0022	1.2175	1.8022	2.0882	1.6349	1.1953	1.9246	2.1773
Pa-232	2.6535	1.7904	2.4247	2.7216	2.6675	2.2528	2.9539	3.0963
Pa-233	2.5749	1.7260	2.3542	2.6591	2.4371	2.0008	2.7442	2.9433
Pa-234	5.2444	3.5671	4.8018	5.3883	5.2303	4.4139	5.8035	6.1056
Pa-234m	0.0416	0.0281	0.0380	0.0427	0.0418	0.0353	0.0463	0.0486
Pa-235	0.2628	0.1340	0.2302	0.2807	0.1703	0.0923	0.2192	0.2781
Pa-236	1.8293	1.2307	1.6703	1.8745	1.8491	1.5631	2.0444	2.1384
Pa-237	0.9934	0.6822	0.9086	1.0140	1.0809	0.9440	1.1752	1.2072
Pb-194	3.8664	2.6341	3.5413	3.9902	3.8663	3.2602	4.2971	4.5592
Pb-195m	5.3925	3.6396	4.9283	5.5578	5.3929	4.5326	5.9953	6.3571
Pb-196	3.6396	2.4760	3.3347	3.7653	3.5685	2.9830	3.9876	4.2647
Pb-197	3.4294	2.3512	3.1418	3.5261	3.5357	3.0248	3.8977	4.0848
Pb-197m	4.7659	3.2314	4.3605	4.9162	4.7495	3.9921	5.2843	5.6123
Pb-198	3.5387	2.4050	3.2418	3.6619	3.4578	2.8851	3.8683	4.1424
Pb-199	3.0415	2.0720	2.7849	3.1355	3.0664	2.5945	3.4012	3.5958
Pb-200	3.5232	2.3488	3.2191	3.6617	3.2908	2.6730	3.7292	4.0629
Pb-201	3.4499	2.3659	3.1633	3.5575	3.4785	2.9501	3.8586	4.0806
Pb-201m	1.2736	0.8657	1.1661	1.3120	1.2832	1.0845	1.4229	1.5046
Pb-202	0.7392	0.3887	0.6507	0.7867	0.4937	0.2823	0.6275	0.7825
Pb-202m	3.4385	2.4293	3.1617	3.4994	3.8426	3.4163	4.1468	4.2117
Pb-203	3.0111	2.0504	2.7597	3.1165	2.9419	2.4560	3.2912	3.5243
Pb-204m	2.9245	2.1077	2.6966	2.9619	3.4119	3.0943	3.6436	3.6406
Pb-205	0.7482	0.3935	0.6586	0.7962	0.4998	0.2857	0.6351	0.7919
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.8384	0.4794	0.7478	0.8828	0.6198	0.4084	0.7568	0.8960
Pb-211	0.1287	0.0920	0.1186	0.1310	0.1445	0.1291	0.1557	0.1579
Pb-212	1.3838	0.9675	1.2743	1.4275	1.3927	1.1872	1.5439	1.6326
Pb-214	1.4114	0.9829	1.2976	1.4519	1.4454	1.2391	1.5957	1.6755
Pd-100	3.3021	2.3820	3.0561	3.3679	3.5256	3.1437	3.8202	3.8751
Pd-101	2.4945	1.7414	2.2916	2.5347	2.6308	2.3185	2.8554	2.8895
Pd-103	1.0802	0.7412	0.9897	1.0989	1.1007	0.9569	1.2026	1.2238
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0665	0.7861	0.9896	1.0855	1.1811	1.0669	1.2709	1.2848
Pd-109	0.5831	0.3982	0.5336	0.5952	0.5945	0.5145	0.6509	0.6680
Pd-111	0.0759	0.0552	0.0701	0.0768	0.0886	0.0807	0.0944	0.0940
Pd-112	0.4833	0.3223	0.4413	0.4947	0.4598	0.3831	0.5125	0.5360
Pd-114	0.1589	0.1207	0.1483	0.1619	0.1819	0.1668	0.1946	0.1960
Pd-96	2.7907	2.0305	2.5817	2.8331	3.1475	2.8477	3.3750	3.3861
Pd-97	2.2152	1.6035	2.0442	2.2411	2.5685	2.3338	2.7399	2.7277
Pd-98	2.6924	1.9540	2.4930	2.7422	2.9258	2.6227	3.1597	3.1970
Pd-99	2.3242	1.7067	2.1545	2.3625	2.6092	2.3628	2.8007	2.8170
Pm-136	2.9696	2.1689	2.7450	3.0044	3.5068	3.2052	3.7320	3.7135

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pm-137m	3.8625	2.8186	3.5757	3.9368	4.3507	3.9242	4.6790	4.7324
Pm-139	0.7331	0.5167	0.6740	0.7480	0.8070	0.7165	0.8728	0.8869
Pm-140m	3.3001	2.3763	3.0415	3.3394	3.8743	3.5232	4.1289	4.1107
Pm-140	0.2715	0.1910	0.2494	0.2763	0.3039	0.2711	0.3274	0.3306
Pm-141	0.7084	0.4861	0.6483	0.7249	0.7547	0.6585	0.8228	0.8432
Pm-142	0.2918	0.1986	0.2668	0.2991	0.3062	0.2652	0.3351	0.3450
Pm-143	1.4165	0.9733	1.2968	1.4497	1.5089	1.3171	1.6455	1.6873
Pm-144	3.3279	2.3685	3.0636	3.3808	3.7855	3.4021	4.0619	4.0874
Pm-145	1.1165	0.7504	1.0191	1.1492	1.1314	0.9640	1.2497	1.3037
Pm-146	1.8669	1.3261	1.7180	1.8993	2.1019	1.8825	2.2612	2.2820
Pm-147	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.5408	0.3900	0.4981	0.5453	0.6493	0.5940	0.6883	0.6797
Pm-148m	3.1697	2.3096	2.9291	3.2060	3.7473	3.4234	3.9854	3.9672
Pm-149	0.0450	0.0324	0.0415	0.0459	0.0498	0.0444	0.0538	0.0549
Pm-150	1.7557	1.2809	1.6217	1.7741	2.0878	1.9111	2.2191	2.2000
Pm-151	1.4880	1.0818	1.3770	1.5195	1.6549	1.4847	1.7870	1.8167
Pm-152m	3.2300	2.3622	2.9900	3.2865	3.6889	3.3398	3.9566	3.9847
Pm-152	0.6112	0.4415	0.5647	0.6232	0.6860	0.6160	0.7390	0.7486
Pm-153	1.0534	0.7486	0.9717	1.0828	1.1089	0.9712	1.2129	1.2582
Pm-154	1.7956	1.2605	1.6474	1.8248	2.0355	1.8172	2.1889	2.2057
Pm-154m	3.0975	2.2299	2.8583	3.1540	3.5018	3.1462	3.7666	3.8060
Po-203	3.9475	2.7008	3.6171	4.0602	4.0161	3.4151	4.4417	4.6680
Po-204	6.3748	4.2251	5.8153	6.6056	6.0391	4.9265	6.8159	7.3700
Po-205	3.7221	2.5476	3.4104	3.8269	3.8089	3.2472	4.2066	4.4122
Po-206	5.0074	3.3355	4.5699	5.1749	4.8307	3.9799	5.4233	5.8161
Po-207	3.3759	2.3164	3.0949	3.4709	3.4594	2.9534	3.8191	4.0048
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0621	0.0362	0.0554	0.0654	0.0495	0.0348	0.0591	0.0689
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0108	0.0078	0.0099	0.0109	0.0127	0.0116	0.0136	0.0135
Po-212m	0.0417	0.0299	0.0384	0.0420	0.0501	0.0457	0.0531	0.0524
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-215	0.0004	0.0003	0.0004	0.0004	0.0005	0.0004	0.0005	0.0005
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	4.2240	3.0858	3.9054	4.2779	4.9516	4.5173	5.2758	5.2636
Pr-134m	1.9332	1.4010	1.7836	1.9565	2.2682	2.0651	2.4157	2.4070
Pr-135	1.8661	1.3264	1.7190	1.9053	2.0438	1.8176	2.2101	2.2490
Pr-136	2.2213	1.5925	2.0459	2.2499	2.5799	2.3370	2.7531	2.7499
Pr-137	0.9132	0.6243	0.8352	0.9349	0.9616	0.8363	1.0490	1.0781
Pr-138	0.3067	0.2094	0.2804	0.3138	0.3238	0.2817	0.3530	0.3624

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pr-138m	3.8486	2.7578	3.5453	3.9027	4.4370	4.0112	4.7467	4.7493
Pr-139	0.9947	0.6744	0.9086	1.0198	1.0313	0.8904	1.1291	1.1657
Pr-140	0.5305	0.3597	0.4845	0.5439	0.5500	0.4748	0.6021	0.6216
Pr-142	0.0335	0.0238	0.0307	0.0337	0.0406	0.0371	0.0430	0.0422
Pr-142m	0.0353	0.0180	0.0309	0.0377	0.0228	0.0123	0.0294	0.0374
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0210	0.0151	0.0193	0.0212	0.0253	0.0231	0.0268	0.0264
Pr-144m	0.5515	0.3502	0.4986	0.5719	0.5153	0.4149	0.5828	0.6302
Pr-145	0.0346	0.0246	0.0319	0.0352	0.0393	0.0353	0.0422	0.0425
Pr-146	1.0134	0.7353	0.9346	1.0228	1.2117	1.1090	1.2855	1.2720
Pr-147	2.3200	1.6333	2.1343	2.3739	2.5074	2.2131	2.7241	2.7867
Pr-148	1.3359	0.9806	1.2359	1.3513	1.5811	1.4475	1.6820	1.6711
Pr-148m	2.0008	1.4815	1.8552	2.0269	2.3537	2.1562	2.5071	2.4998
Pt-184	7.1568	4.7125	6.5197	7.4420	6.7218	5.4506	7.6102	8.3007
Pt-186	3.4179	2.2651	3.1157	3.5424	3.3058	2.7236	3.7110	3.9988
Pt-187	4.4309	2.9157	4.0360	4.6064	4.1712	3.3860	4.7194	5.1403
Pt-188	3.2713	2.1246	2.9739	3.4100	2.9948	2.3869	3.4165	3.7644
Pt-189	4.2457	2.7593	3.8598	4.4211	3.9244	3.1438	4.4646	4.8981
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.8636	2.5113	3.5132	4.0264	3.5508	2.8373	4.0460	4.4489
Pt-193	0.7837	0.4089	0.6890	0.8349	0.5194	0.2930	0.6623	0.8295
Pt-193m	1.1087	0.6180	0.9842	1.1746	0.8104	0.5217	0.9965	1.2008
Pt-195m	3.3243	2.0035	2.9870	3.4956	2.7113	1.9644	3.2088	3.6978
Pt-197	0.9397	0.5681	0.8450	0.9874	0.7647	0.5535	0.9056	1.0431
Pt-197m	2.2298	1.3392	2.0022	2.3432	1.8158	1.3119	2.1502	2.4770
Pt-199	0.6229	0.4349	0.5722	0.6386	0.6613	0.5752	0.7232	0.7511
Pt-200	1.4405	0.9072	1.3035	1.5070	1.2497	0.9566	1.4495	1.6286
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.5237	1.0428	1.3992	1.5745	1.4556	1.2095	1.6335	1.7471
Pu-234	1.7835	1.2096	1.6352	1.8443	1.6830	1.3866	1.8953	2.0355
Pu-235	2.4611	1.6530	2.2525	2.5463	2.2956	1.8753	2.5934	2.7953
Pu-236	0.3283	0.2014	0.2960	0.3414	0.2686	0.1980	0.3152	0.3537
Pu-237	1.8569	1.2183	1.6928	1.9249	1.6767	1.3375	1.9121	2.0841
Pu-238	0.3034	0.1861	0.2736	0.3156	0.2481	0.1827	0.2912	0.3269
Pu-239	0.1800	0.1050	0.1610	0.1887	0.1384	0.0954	0.1663	0.1930
Pu-240	0.2853	0.1750	0.2572	0.2967	0.2333	0.1719	0.2739	0.3074
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001
Pu-242	0.2446	0.1500	0.2206	0.2544	0.2001	0.1474	0.2349	0.2636
Pu-243	0.6399	0.4385	0.5876	0.6609	0.6186	0.5177	0.6917	0.7365
Pu-244	0.2231	0.1393	0.2017	0.2315	0.1900	0.1443	0.2204	0.2440
Pu-245	1.4440	1.0283	1.3320	1.4761	1.5471	1.3614	1.6848	1.7316
Pu-246	2.4678	1.7033	2.2671	2.5409	2.4439	2.0714	2.7135	2.8604
Ra-219	0.9623	0.6834	0.8879	0.9876	1.0089	0.8786	1.1067	1.1501

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ra-220	0.0101	0.0074	0.0094	0.0103	0.0118	0.0108	0.0126	0.0126
Ra-221	1.0554	0.6775	0.9586	1.0986	0.9216	0.7138	1.0641	1.1809
Ra-222	0.0336	0.0247	0.0312	0.0342	0.0380	0.0344	0.0409	0.0414
Ra-223	1.8741	1.2694	1.7170	1.9416	1.7876	1.4747	2.0120	2.1684
Ra-224	0.0614	0.0448	0.0569	0.0628	0.0666	0.0591	0.0723	0.0743
Ra-225	0.7422	0.4845	0.6754	0.7667	0.6912	0.5607	0.7820	0.8361
Ra-226	0.9922	0.7152	0.9128	0.9989	1.1927	1.0929	1.2571	1.2300
Ra-227	2.1768	1.3899	1.9738	2.2575	1.9350	1.5147	2.2186	2.4342
Ra-228	1.0483	0.7567	0.9664	1.0551	1.2586	1.1684	1.3248	1.3023
Ra-230	0.9514	0.6433	0.8713	0.9846	0.9089	0.7505	1.0216	1.0979
Rb-77	1.8141	1.3234	1.6820	1.8537	1.9901	1.7771	2.1544	2.1977
Rb-78m	2.4132	1.7490	2.2263	2.4386	2.8569	2.6060	3.0375	3.0168
Rb-78	1.8889	1.3443	1.7355	1.9086	2.2034	1.9897	2.3493	2.3409
Rb-79	2.3711	1.6816	2.1872	2.4287	2.4755	2.1502	2.7152	2.8181
Rb-80	0.2871	0.2065	0.2648	0.2906	0.3332	0.3014	0.3558	0.3564
Rb-81	1.4351	0.9273	1.3049	1.4837	1.2802	1.0039	1.4674	1.6007
Rb-81m	1.1107	0.7123	1.0109	1.1505	0.9253	0.6980	1.0801	1.1949
Rb-82	0.2109	0.1451	0.1932	0.2149	0.2256	0.1959	0.2462	0.2524
Rb-82m	4.1538	2.8829	3.8095	4.2288	4.5081	3.9456	4.8988	5.0036
Rb-83	2.2861	1.4939	2.0812	2.3583	2.1133	1.6944	2.3976	2.5871
Rb-84	1.6216	1.0608	1.4756	1.6685	1.5345	1.2448	1.7303	1.8481
Rb-84m	1.7725	1.2831	1.6405	1.8094	1.9105	1.6891	2.0766	2.1285
Rb-86m	0.9269	0.6766	0.8569	0.9373	1.0944	0.9997	1.1637	1.1590
Rb-86	0.0825	0.0590	0.0759	0.0831	0.0995	0.0910	0.1054	0.1039
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.3647	0.2597	0.3347	0.3669	0.4418	0.4036	0.4674	0.4590
Rb-89	1.5732	1.1245	1.4456	1.5841	1.9004	1.7380	2.0120	1.9799
Rb-90	0.8297	0.5920	0.7615	0.8345	1.0039	0.9176	1.0613	1.0429
Rb-90m	1.9262	1.3755	1.7695	1.9400	2.3145	2.1121	2.4527	2.4166
Re-178	3.3657	2.2522	3.0707	3.4804	3.3352	2.7858	3.7173	3.9704
Re-179	3.9845	2.7074	3.6446	4.1109	4.0382	3.4228	4.4724	4.7343
Re-180	3.5860	2.3629	3.2635	3.7130	3.5040	2.8955	3.9230	4.2123
Re-181	4.2229	2.8091	3.8502	4.3735	4.1294	3.4246	4.6205	4.9620
Re-182	8.0150	5.4337	7.3319	8.2878	7.9951	6.7285	8.8937	9.4759
Re-182m	4.2473	2.8315	3.8744	4.3987	4.1701	3.4685	4.6600	4.9926
Re-183	3.8822	2.4645	3.5155	4.0587	3.4593	2.6987	3.9784	4.4361
Re-184	3.1920	2.1148	2.9078	3.3039	3.1346	2.6013	3.5038	3.7544
Re-184m	3.3934	2.1758	3.0766	3.5385	3.0979	2.4541	3.5384	3.9085
Re-186	0.4026	0.2659	0.3671	0.4193	0.3755	0.3040	0.4259	0.4663
Re-186m	2.2663	1.2295	2.0030	2.4067	1.6106	0.9981	2.0014	2.4430
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3982	0.2767	0.3659	0.4112	0.4035	0.3442	0.4470	0.4737
Re-188m	2.6591	1.6268	2.3943	2.7935	2.2360	1.6627	2.6206	2.9912

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Re-189	0.4926	0.3295	0.4496	0.5107	0.4755	0.3923	0.5341	0.5770
Re-190	3.2068	2.3354	2.9659	3.2635	3.6483	3.2911	3.9171	3.9636
Re-190m	3.2446	2.2459	2.9765	3.3356	3.3902	2.9241	3.7237	3.8972
Rh-100m	1.5858	1.0948	1.4546	1.6148	1.6319	1.4234	1.7805	1.8136
Rh-100	3.2408	2.2972	2.9794	3.2783	3.6761	3.3046	3.9368	3.9300
Rh-101	3.0951	2.2726	2.8721	3.1540	3.3720	3.0278	3.6415	3.6942
Rh-101m	2.0105	1.4349	1.8547	2.0440	2.1646	1.9237	2.3440	2.3721
Rh-102	1.2779	0.9026	1.1760	1.2973	1.3860	1.2309	1.4974	1.5116
Rh-102m	4.0356	2.8894	3.7190	4.0851	4.6005	4.1519	4.9236	4.9219
Rh-103m	0.1682	0.1061	0.1520	0.1738	0.1518	0.1208	0.1725	0.1867
Rh-104	0.0247	0.0178	0.0228	0.0250	0.0284	0.0257	0.0303	0.0303
Rh-104m	1.6290	1.1532	1.5017	1.6607	1.7235	1.5265	1.8684	1.8977
Rh-105	0.2588	0.1940	0.2407	0.2625	0.3028	0.2780	0.3231	0.3226
Rh-106	0.3172	0.2319	0.2933	0.3205	0.3778	0.3462	0.4009	0.3981
Rh-106m	3.4991	2.5460	3.2302	3.5331	4.1798	3.8282	4.4354	4.3933
Rh-107	1.0019	0.7508	0.9316	1.0161	1.1724	1.0761	1.2505	1.2492
Rh-108	0.6111	0.4502	0.5658	0.6182	0.7242	0.6639	0.7695	0.7660
Rh-109	1.2052	0.8989	1.1201	1.2239	1.3873	1.2677	1.4836	1.4872
Rh-94	2.2231	1.5989	2.0461	2.2410	2.6705	2.4421	2.8309	2.7913
Rh-95	1.7279	1.2283	1.5881	1.7443	2.0174	1.8280	2.1495	2.1313
Rh-95m	1.0044	0.7278	0.9270	1.0153	1.1763	1.0716	1.2519	1.2454
Rh-96	3.7898	2.7272	3.4923	3.8262	4.4767	4.0792	4.7601	4.7200
Rh-96m	1.2165	0.8550	1.1167	1.2311	1.3689	1.2265	1.4686	1.4673
Rh-97	1.6352	1.1752	1.5079	1.6565	1.8557	1.6742	1.9880	1.9901
Rh-97m	2.7499	1.9710	2.5346	2.7866	3.0945	2.7833	3.3195	3.3262
Rh-98	1.1338	0.8177	1.0456	1.1450	1.3354	1.2165	1.4202	1.4109
Rh-99	2.9035	2.0729	2.6794	2.9538	3.1249	2.7771	3.3830	3.4266
Rh-99m	2.1652	1.5429	1.9959	2.1986	2.3630	2.1067	2.5514	2.5737
Rn-207	2.8405	1.9875	2.6130	2.9144	2.9699	2.5714	3.2596	3.3922
Rn-209	3.1969	2.2270	2.9383	3.2810	3.3290	2.8738	3.6574	3.8112
Rn-210	0.2604	0.1766	0.2384	0.2686	0.2572	0.2154	0.2867	0.3046
Rn-211	3.8511	2.6670	3.5336	3.9441	4.0596	3.5141	4.4461	4.6086
Rn-212	0.0005	0.0003	0.0004	0.0005	0.0005	0.0005	0.0006	0.0006
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0012	0.0009	0.0011	0.0012	0.0014	0.0013	0.0015	0.0015
Rn-219	0.2353	0.1716	0.2179	0.2402	0.2607	0.2332	0.2817	0.2874
Rn-220	1.1252	0.8218	1.0387	1.1330	1.3433	1.2325	1.4128	1.3907
Rn-222	0.0007	0.0005	0.0007	0.0008	0.0009	0.0008	0.0009	0.0009
Rn-223	2.0518	1.3300	1.8647	2.1276	1.8817	1.5005	2.1420	2.3378
Ru-103	0.9339	0.6861	0.8642	0.9445	1.1064	1.0138	1.1753	1.1690
Ru-105	1.4475	1.0557	1.3384	1.4655	1.6831	1.5334	1.7953	1.7907

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.5690	0.4196	0.5271	0.5761	0.6699	0.6134	0.7129	0.7102
Ru-108	0.6050	0.4546	0.5638	0.6172	0.6744	0.6121	0.7260	0.7362
Ru-92	6.1091	4.4497	5.6580	6.2173	6.7075	6.0153	7.2343	7.3179
Ru-94	2.1362	1.5112	1.9673	2.1710	2.2925	2.0271	2.4849	2.5181
Ru-95	2.5296	1.8036	2.3313	2.5662	2.7980	2.5001	3.0147	3.0338
Ru-97	2.2823	1.6420	2.1098	2.3245	2.4345	2.1578	2.6415	2.6886
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.8053	0.5671	0.7360	0.8074	0.9830	0.8970	1.0353	1.0119
S-38	0.7705	0.5448	0.7053	0.7738	0.9374	0.8554	0.9904	0.9700
Sb-111	1.8590	1.3801	1.7258	1.8888	2.1363	1.9495	2.2839	2.2923
Sb-113	1.4337	1.0362	1.3230	1.4528	1.6476	1.4946	1.7598	1.7592
Sb-114	1.6462	1.1720	1.5122	1.6604	1.9539	1.7792	2.0751	2.0494
Sb-115	1.6450	1.1753	1.5148	1.6679	1.8617	1.6787	1.9932	1.9975
Sb-116	1.6713	1.1785	1.5328	1.6877	1.9463	1.7612	2.0733	2.0552
Sb-116m	4.8738	3.5069	4.4932	4.9377	5.6131	5.0893	5.9946	5.9836
Sb-117	2.2070	1.6049	2.0417	2.2480	2.4292	2.1853	2.6167	2.6478
Sb-118	0.3123	0.2154	0.2858	0.3174	0.3353	0.2962	0.3623	0.3661
Sb-118m	5.0292	3.5965	4.6311	5.0957	5.7441	5.1935	6.1423	6.1291
Sb-119	1.3292	0.8978	1.2127	1.3567	1.3666	1.1821	1.4929	1.5318
Sb-120	0.6251	0.4294	0.5718	0.6359	0.6619	0.5821	0.7172	0.7269
Sb-120m	5.1853	3.7802	4.7961	5.2640	5.9396	5.3946	6.3512	6.3611
Sb-122m	2.0208	1.4248	1.8609	2.0700	2.1380	1.8822	2.3258	2.3875
Sb-122	0.7280	0.5312	0.6728	0.7358	0.8635	0.7902	0.9171	0.9115
Sb-124	1.7186	1.2414	1.5838	1.7330	2.0628	1.8874	2.1862	2.1607
Sb-124m	0.7888	0.5551	0.7246	0.8026	0.8869	0.7891	0.9554	0.9713
Sb-124n	0.1231	0.0626	0.1078	0.1316	0.0796	0.0430	0.1026	0.1303
Sb-125	1.5697	1.1220	1.4460	1.5937	1.7660	1.5893	1.8933	1.9040
Sb-126	3.9993	2.9184	3.6957	4.0400	4.7674	4.3672	5.0610	5.0223
Sb-126m	2.4313	1.7747	2.2471	2.4579	2.8847	2.6389	3.0655	3.0490
Sb-127	1.1781	0.8615	1.0893	1.1916	1.3921	1.2733	1.4801	1.4723
Sb-128	4.4381	3.2411	4.1017	4.4839	5.2862	4.8427	5.6144	5.5690
Sb-128m	2.8967	2.1204	2.6785	2.9281	3.4409	3.1519	3.6582	3.6306
Sb-129	1.5354	1.1109	1.4155	1.5491	1.8399	1.6841	1.9518	1.9292
Sb-130m	3.3755	2.4557	3.1164	3.4102	4.0178	3.6771	4.2683	4.2305
Sb-130	4.9344	3.6210	4.5650	4.9915	5.8401	5.3480	6.2116	6.1732
Sb-131	1.9351	1.3959	1.7827	1.9516	2.3209	2.1233	2.4611	2.4312
Sb-133	2.0123	1.4429	1.8504	2.0270	2.4263	2.2192	2.5700	2.5309
Sc-42m	2.7881	2.0111	2.5674	2.8114	3.3496	3.0652	3.5505	3.5036
Sc-43	0.2486	0.1791	0.2294	0.2533	0.2789	0.2496	0.3008	0.3061
Sc-44	0.9595	0.6829	0.8812	0.9671	1.1525	1.0514	1.2222	1.2054
Sc-44m	0.9781	0.7304	0.9092	0.9948	1.1269	1.0274	1.2062	1.2140
Sc-46	1.8751	1.3453	1.7252	1.8895	2.2598	2.0679	2.3949	2.3602

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sc-47	0.8334	0.6433	0.7805	0.8498	0.9583	0.8823	1.0257	1.0356
Sc-48	2.9306	2.1013	2.6958	2.9530	3.5332	3.2328	3.7436	3.6885
Sc-49	0.0005	0.0004	0.0005	0.0005	0.0007	0.0006	0.0007	0.0007
Sc-50	2.6886	1.9330	2.4742	2.7096	3.2372	2.9614	3.4296	3.3807
Se-70	3.6748	2.1969	3.2946	3.8548	3.0319	2.2051	3.5737	4.0992
Se-71	1.2032	0.8798	1.1139	1.2258	1.3626	1.2291	1.4651	1.4839
Se-72	2.8397	1.6311	2.5315	2.9933	2.1949	1.5030	2.6434	3.1037
Se-73	2.6086	1.7745	2.3882	2.6951	2.6035	2.1933	2.8966	3.0811
Se-73m	0.5404	0.3258	0.4854	0.5662	0.4463	0.3256	0.5260	0.6012
Se-75	3.7427	2.4505	3.4047	3.8907	3.4824	2.8014	3.9547	4.3309
Se-77m	1.3284	0.8754	1.2105	1.3804	1.2218	0.9795	1.3915	1.5257
Se-79m	1.3090	0.7474	1.1673	1.3809	0.9646	0.6320	1.1806	1.4057
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0193	0.0144	0.0179	0.0196	0.0226	0.0207	0.0241	0.0241
Se-81m	1.3533	0.7820	1.2089	1.4262	1.0153	0.6789	1.2349	1.4606
Se-83m	0.9454	0.6833	0.8713	0.9536	1.1336	1.0373	1.2024	1.1883
Se-83	3.2190	2.3563	2.9755	3.2535	3.8275	3.5054	4.0661	4.0353
Se-84	0.9859	0.7312	0.9141	0.9984	1.1638	1.0675	1.2380	1.2351
Si-31	0.0006	0.0005	0.0006	0.0006	0.0008	0.0007	0.0008	0.0008
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	1.8252	1.3224	1.6862	1.8562	2.0773	1.8747	2.2301	2.2460
Sm-140	1.5979	1.1175	1.4681	1.6364	1.7131	1.5044	1.8664	1.9139
Sm-141	1.6627	1.1874	1.5312	1.6904	1.8867	1.6953	2.0266	2.0407
Sm-141m	3.4322	2.4752	3.1677	3.4912	3.8971	3.5113	4.1849	4.2169
Sm-142	1.0207	0.6886	0.9323	1.0504	1.0395	0.8884	1.1477	1.1942
Sm-143	0.6392	0.4328	0.5842	0.6571	0.6579	0.5649	0.7244	0.7511
Sm-143m	0.9203	0.6608	0.8478	0.9310	1.0826	0.9842	1.1537	1.1477
Sm-145	2.0874	1.4187	1.9096	2.1478	2.1383	1.8356	2.3569	2.4485
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0034	0.0018	0.0030	0.0036	0.0024	0.0015	0.0030	0.0036
Sm-153	1.3372	0.9432	1.2325	1.3765	1.3986	1.2205	1.5338	1.5914
Sm-155	1.2387	0.9347	1.1569	1.2698	1.3755	1.2471	1.4845	1.5144
Sm-156	1.2913	0.9055	1.1887	1.3318	1.3245	1.1408	1.4611	1.5379
Sm-157	1.6952	1.2557	1.5741	1.7284	1.9185	1.7388	2.0608	2.0860
Sn-106	2.9913	2.1633	2.7620	3.0350	3.3902	3.0669	3.6303	3.6385
Sn-108	3.0421	2.2097	2.8124	3.0902	3.4203	3.0911	3.6689	3.6885
Sn-109	2.5765	1.8221	2.3659	2.6052	2.9561	2.6677	3.1574	3.1419
Sn-110	2.0570	1.4820	1.8989	2.0903	2.2809	2.0509	2.4530	2.4696
Sn-111	0.8534	0.5904	0.7816	0.8668	0.9166	0.8106	0.9904	0.9989
Sn-113	1.0487	0.7225	0.9602	1.0666	1.1046	0.9712	1.1979	1.2136
Sn-113m	0.7424	0.5038	0.6778	0.7572	0.7689	0.6679	0.8382	0.8576

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-117m	2.0428	1.4899	1.8911	2.0824	2.2469	2.0205	2.4223	2.4563
Sn-119m	0.9295	0.6158	0.8454	0.9520	0.9273	0.7869	1.0223	1.0634
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3034	0.1965	0.2749	0.3123	0.2933	0.2430	0.3269	0.3462
Sn-123	0.0061	0.0043	0.0056	0.0061	0.0073	0.0067	0.0078	0.0076
Sn-123m	1.1958	0.9101	1.1166	1.2191	1.3615	1.2467	1.4592	1.4741
Sn-125m	1.0371	0.7752	0.9637	1.0514	1.2159	1.1159	1.2967	1.2944
Sn-125	0.3113	0.2240	0.2866	0.3138	0.3745	0.3427	0.3970	0.3916
Sn-126	1.3017	0.9227	1.2007	1.3370	1.3613	1.1922	1.4881	1.5411
Sn-127m	0.9247	0.6783	0.8552	0.9349	1.0986	1.0068	1.1665	1.1589
Sn-127	2.0454	1.4828	1.8867	2.0656	2.4355	2.2273	2.5861	2.5612
Sn-128	3.4706	2.4694	3.1961	3.5295	3.8348	3.4356	4.1240	4.1584
Sn-129	1.1934	0.8658	1.1014	1.2044	1.4280	1.3075	1.5145	1.5001
Sn-130	3.1023	2.2819	2.8753	3.1528	3.5434	3.2222	3.7911	3.8065
Sn-130m	1.9037	1.3823	1.7593	1.9324	2.1766	1.9743	2.3280	2.3313
Sr-79	1.6677	1.1843	1.5404	1.7087	1.7128	1.4835	1.8847	1.9518
Sr-80	1.8936	1.2725	1.7334	1.9466	1.7859	1.4616	2.0110	2.1413
Sr-81	1.8328	1.3564	1.7027	1.8687	2.0376	1.8336	2.1984	2.2349
Sr-82	1.3249	0.8394	1.2038	1.3731	1.0760	0.7953	1.2656	1.4094
Sr-83	2.5310	1.6727	2.3105	2.6044	2.3301	1.8746	2.6423	2.8308
Sr-85	2.2391	1.5083	2.0493	2.2982	2.1517	1.7774	2.4103	2.5505
Sr-85m	1.3659	1.0020	1.2673	1.3961	1.4846	1.3215	1.6106	1.6519
Sr-87m	1.0306	0.7428	0.9520	1.0487	1.1365	1.0123	1.2285	1.2487
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	0.7645	0.5518	0.7046	0.7711	0.9177	0.8400	0.9732	0.9617
Sr-92	0.9526	0.6804	0.8751	0.9593	1.1507	1.0521	1.2185	1.1979
Sr-93	2.6739	1.9328	2.4668	2.7040	3.1289	2.8431	3.3352	3.3215
Sr-94	0.9465	0.6740	0.8688	0.9525	1.1460	1.0474	1.2129	1.1910
Ta-170	1.8439	1.2224	1.6807	1.9129	1.7808	1.4670	1.9993	2.1591
Ta-172	3.6678	2.4916	3.3540	3.7803	3.7489	3.1889	4.1416	4.3689
Ta-173	3.5250	2.2982	3.2048	3.6672	3.3107	2.6794	3.7455	4.0878
Ta-174	3.2219	2.1599	2.9417	3.3371	3.1608	2.6318	3.5311	3.7895
Ta-175	4.0972	2.7826	3.7485	4.2312	4.1341	3.5007	4.5809	4.8555
Ta-176	3.7946	2.5337	3.4577	3.9099	3.8605	3.2600	4.2709	4.5084
Ta-177	1.7742	1.1549	1.6135	1.8494	1.6436	1.3220	1.8657	2.0470
Ta-178	1.8792	1.2108	1.7060	1.9605	1.7211	1.3713	1.9609	2.1613
Ta-178m	7.2156	5.0653	6.6409	7.4291	7.5266	6.5214	8.2664	8.6575
Ta-179	1.0794	0.6609	0.9718	1.1327	0.9185	0.6892	1.0713	1.2168
Ta-180	1.5618	1.0040	1.4175	1.6306	1.4209	1.1275	1.6221	1.7927
Ta-182	3.1955	2.1887	2.9267	3.2912	3.2981	2.8240	3.6350	3.8175
Ta-182m	4.3840	2.8581	3.9860	4.5676	4.0545	3.2524	4.6110	5.0709
Ta-183	4.0178	2.6192	3.6531	4.1839	3.7331	3.0017	4.2398	4.6506

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ta-184	4.7464	3.2940	4.3546	4.8731	5.0096	4.3397	5.4890	5.7208
Ta-185	2.2959	1.4880	2.0854	2.3934	2.1070	1.6796	2.4023	2.6500
Ta-186	4.0893	2.9479	3.7771	4.1770	4.5314	4.0409	4.8979	5.0092
Tb-146	2.1763	1.5379	1.9968	2.1995	2.5601	2.3156	2.7277	2.7078
Tb-147m	1.7550	1.2125	1.6061	1.7881	1.9473	1.7204	2.1043	2.1335
Tb-147	3.0054	2.1328	2.7655	3.0602	3.3821	3.0247	3.6410	3.6816
Tb-148m	4.7846	3.4358	4.4103	4.8547	5.5238	4.9933	5.9106	5.9280
Tb-148	2.1331	1.5088	1.9599	2.1648	2.4457	2.1972	2.6216	2.6312
Tb-149m	2.3399	1.6447	2.1499	2.3857	2.6007	2.3107	2.8094	2.8533
Tb-149	2.8350	2.0155	2.6107	2.8925	3.1465	2.8025	3.3993	3.4573
Tb-150m	4.9483	3.5571	4.5643	5.0276	5.6629	5.1069	6.0702	6.1119
Tb-150	2.6268	1.8452	2.4116	2.6717	2.9598	2.6396	3.1847	3.2178
Tb-151	3.9623	2.8167	3.6518	4.0549	4.3140	3.8186	4.6819	4.7989
Tb-151m	1.4052	0.8201	1.2547	1.4783	1.1363	0.8096	1.3481	1.5621
Tb-152m	3.6651	2.5759	3.3713	3.7592	3.9132	3.4270	4.2695	4.4139
Tb-152	2.5368	1.7948	2.3337	2.5876	2.8140	2.5026	3.0409	3.0912
Tb-153	2.8166	1.9552	2.5869	2.8997	2.9189	2.5216	3.2095	3.3517
Tb-154	3.0884	2.1536	2.8332	3.1538	3.3856	2.9869	3.6685	3.7429
Tb-155	2.8684	2.0075	2.6400	2.9568	2.9627	2.5637	3.2601	3.4092
Tb-156	4.5152	3.1805	4.1519	4.6148	4.9427	4.3695	5.3585	5.4810
Tb-156m	0.9082	0.6531	0.8401	0.9324	0.9825	0.8746	1.0628	1.0925
Tb-156n	0.4541	0.2486	0.4018	0.4817	0.3300	0.2098	0.4068	0.4925
Tb-157	0.4622	0.2603	0.4106	0.4884	0.3532	0.2378	0.4277	0.5063
Tb-158	2.5515	1.7400	2.3343	2.6226	2.6575	2.2863	2.9204	3.0434
Tb-160	1.9658	1.3872	1.8073	2.0050	2.1859	1.9412	2.3622	2.4059
Tb-161	1.4233	0.9189	1.2913	1.4776	1.3321	1.0788	1.5044	1.6323
Tb-162	2.4822	1.7909	2.2919	2.5292	2.7977	2.5103	3.0119	3.0542
Tb-163	2.0189	1.4768	1.8682	2.0511	2.3260	2.1103	2.4896	2.5050
Tb-164	4.0597	2.9091	3.7422	4.1311	4.6004	4.1276	4.9454	5.0039
Tb-165	0.9764	0.6675	0.8917	0.9966	1.0663	0.9314	1.1580	1.1880
Tc-101	1.0988	0.8243	1.0220	1.1146	1.2842	1.1787	1.3702	1.3693
Tc-102m	2.3626	1.7115	2.1783	2.3836	2.8295	2.5897	3.0001	2.9674
Tc-102	0.1101	0.0805	0.1018	0.1113	0.1312	0.1202	0.1392	0.1381
Tc-104	2.3169	1.6938	2.1405	2.3405	2.7588	2.5268	2.9298	2.9041
Tc-105	2.0910	1.5498	1.9415	2.1253	2.3873	2.1724	2.5567	2.5693
Tc-91	0.8955	0.6352	0.8217	0.9021	1.0632	0.9655	1.1289	1.1136
Tc-91m	0.6556	0.4764	0.6053	0.6628	0.7705	0.7025	0.8199	0.8155
Tc-92	4.1625	3.0602	3.8548	4.2179	4.8463	4.4202	5.1715	5.1590
Tc-93	1.9579	1.3560	1.7946	1.9857	2.1099	1.8540	2.2853	2.3059
Tc-93m	1.2760	0.9097	1.1752	1.2937	1.4197	1.2693	1.5271	1.5358
Tc-94	3.9200	2.7839	3.6071	3.9675	4.4491	3.9963	4.7703	4.7707
Tc-94m	1.4151	1.0019	1.3006	1.4307	1.6186	1.4557	1.7327	1.7276
Tc-95	2.0661	1.4399	1.8977	2.0989	2.1978	1.9273	2.3877	2.4222

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-95m	2.5842	1.8471	2.3851	2.6285	2.7869	2.4703	3.0184	3.0642
Tc-96	3.9129	2.7729	3.5993	3.9614	4.4170	3.9596	4.7417	4.7457
Tc-96m	0.6379	0.4311	0.5836	0.6513	0.6247	0.5291	0.6910	0.7153
Tc-97	1.1034	0.7454	1.0103	1.1271	1.0550	0.8843	1.1730	1.2193
Tc-97m	0.8350	0.5653	0.7643	0.8523	0.8120	0.6872	0.8988	0.9299
Tc-98	1.8330	1.3310	1.6921	1.8501	2.1929	2.0083	2.3264	2.3046
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.2252	0.9345	1.1456	1.2512	1.3781	1.2585	1.4808	1.5013
Te-113	1.1003	0.7855	1.0113	1.1096	1.3097	1.1935	1.3903	1.3734
Te-114	2.7259	1.9189	2.5041	2.7720	3.0110	2.6837	3.2428	3.2758
Te-115	1.8308	1.3111	1.6850	1.8505	2.1433	1.9475	2.2819	2.2663
Te-115m	2.0765	1.4767	1.9080	2.0971	2.4347	2.2096	2.5913	2.5696
Te-116	2.1069	1.4820	1.9372	2.1486	2.2560	1.9979	2.4420	2.4834
Te-117	1.8132	1.2784	1.6645	1.8355	2.0684	1.8618	2.2118	2.2083
Te-118	1.0098	0.6911	0.9232	1.0287	1.0623	0.9305	1.1528	1.1732
Te-119	1.9457	1.3717	1.7875	1.9732	2.1824	1.9567	2.3404	2.3499
Te-119m	3.2266	2.3344	2.9788	3.2750	3.6704	3.3215	3.9295	3.9397
Te-121	1.9658	1.3899	1.8071	1.9950	2.1960	1.9683	2.3567	2.3699
Te-121m	1.7666	1.2735	1.6314	1.8018	1.9380	1.7320	2.0913	2.1285
Te-123	0.1084	0.0555	0.0950	0.1158	0.0708	0.0389	0.0909	0.1149
Te-123m	1.7641	1.2852	1.6331	1.8019	1.9296	1.7279	2.0852	2.1273
Te-125m	1.7290	1.1765	1.5792	1.7647	1.8049	1.5711	1.9640	2.0104
Te-127	0.0138	0.0102	0.0128	0.0140	0.0161	0.0147	0.0172	0.0172
Te-127m	0.5878	0.3907	0.5348	0.6025	0.5919	0.5037	0.6511	0.6777
Te-129	0.4429	0.2911	0.4023	0.4557	0.4392	0.3676	0.4871	0.5146
Te-129m	0.4562	0.3075	0.4160	0.4664	0.4712	0.4065	0.5149	0.5310
Te-131	1.4675	1.0997	1.3652	1.4928	1.6871	1.5425	1.8040	1.8142
Te-131m	2.3255	1.6896	2.1478	2.3556	2.7110	2.4683	2.8907	2.8829
Te-132	2.2042	1.5982	2.0378	2.2457	2.4453	2.1991	2.6289	2.6614
Te-133	1.6674	1.2244	1.5426	1.6862	1.9764	1.8106	2.1017	2.0873
Te-133m	2.5711	1.8618	2.3724	2.6011	3.0187	2.7504	3.2144	3.1982
Te-134	2.5027	1.8456	2.3203	2.5420	2.8831	2.6268	3.0805	3.0906
Th-223	1.8695	1.2466	1.7093	1.9395	1.7185	1.3873	1.9528	2.1249
Th-224	0.2352	0.1653	0.2167	0.2421	0.2375	0.2033	0.2628	0.2767
Th-226	0.2871	0.1837	0.2607	0.2984	0.2491	0.1924	0.2877	0.3185
Th-227	2.3929	1.5355	2.1726	2.4842	2.1141	1.6500	2.4295	2.6747
Th-228	0.3001	0.1831	0.2705	0.3131	0.2419	0.1755	0.2859	0.3243
Th-229	3.4982	2.2275	3.1737	3.6418	3.0168	2.3164	3.4938	3.8860
Th-230	1.0953	0.8381	1.0228	1.1109	1.2941	1.2127	1.3523	1.3508
Th-231	2.4055	1.4881	2.1717	2.5027	2.0033	1.4961	2.3403	2.6182
Th-232	0.8960	0.6452	0.8250	0.9023	1.0784	0.9921	1.1391	1.1194
Th-233	0.6207	0.3798	0.5589	0.6483	0.5208	0.3876	0.6091	0.6880
Th-234	0.4276	0.2780	0.3893	0.4439	0.3802	0.2997	0.4358	0.4778

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Th-235	0.1205	0.0860	0.1111	0.1228	0.1334	0.1186	0.1442	0.1469
Th-236	0.3606	0.2424	0.3299	0.3726	0.3412	0.2802	0.3842	0.4127
Ti-44	2.3355	1.7367	2.1774	2.4044	2.5287	2.2643	2.7475	2.8329
Ti-45	0.0398	0.0209	0.0350	0.0424	0.0274	0.0161	0.0345	0.0427
Ti-51	1.0369	0.7759	0.9637	1.0510	1.2189	1.1196	1.2996	1.2962
Ti-52	1.7481	1.2707	1.6209	1.7961	1.8335	1.6131	2.0051	2.0822
Tl-190	1.8593	1.3018	1.7089	1.9052	1.9869	1.7343	2.1688	2.2458
Tl-190m	4.3664	3.0964	4.0200	4.4550	4.8291	4.2831	5.2243	5.3372
Tl-194	2.2287	1.5300	2.0430	2.2952	2.2799	1.9454	2.5182	2.6520
Tl-194m	6.2357	4.3378	5.7253	6.3922	6.6171	5.7489	7.2371	7.5120
Tl-195	3.7468	2.4269	3.4018	3.8875	3.5183	2.8350	3.9841	4.3324
Tl-196	3.3842	2.3316	3.1014	3.4733	3.5521	3.0642	3.8966	4.0587
Tl-197	2.8437	1.8946	2.5963	2.9504	2.7147	2.2274	3.0580	3.3066
Tl-198	3.7417	2.5714	3.4275	3.8413	3.9163	3.3721	4.2996	4.4828
Tl-198m	4.7046	3.1882	4.3029	4.8496	4.7314	3.9910	5.2512	5.5651
Tl-199	2.8374	1.8873	2.5905	2.9478	2.6764	2.1823	3.0250	3.2874
Tl-200	3.5931	2.4696	3.2932	3.6952	3.7143	3.1838	4.0922	4.2884
Tl-201	2.6239	1.6882	2.3835	2.7403	2.3328	1.8253	2.6842	2.9848
Tl-202	2.7094	1.8345	2.4791	2.8010	2.6773	2.2423	2.9858	3.1869
Tl-204	0.0444	0.0280	0.0402	0.0465	0.0384	0.0293	0.0446	0.0501
Tl-206m	5.6091	4.0514	5.1811	5.7132	6.3065	5.6531	6.7918	6.8941
Tl-206	0.0019	0.0013	0.0018	0.0020	0.0018	0.0014	0.0020	0.0022
Tl-207	0.0026	0.0019	0.0024	0.0026	0.0031	0.0028	0.0033	0.0032
Tl-208	2.2497	1.6100	2.0693	2.2730	2.6512	2.4057	2.8208	2.8050
Tl-209	3.3646	2.4553	3.1139	3.4254	3.8220	3.4486	4.1045	4.1456
Tl-210	3.6357	2.5512	3.3381	3.7017	4.0300	3.5649	4.3593	4.4341
Tm-161	5.2724	3.6145	4.8321	5.4385	5.3857	4.6057	5.9394	6.2561
Tm-162	2.5158	1.7288	2.3035	2.5810	2.6680	2.3130	2.9154	3.0253
Tm-163	4.1864	2.8923	3.8404	4.3065	4.3745	3.7815	4.7959	5.0068
Tm-164	1.2901	0.8631	1.1772	1.3339	1.2837	1.0773	1.4264	1.5186
Tm-165	3.3508	2.3178	3.0752	3.4503	3.4731	2.9941	3.8157	3.9982
Tm-166	3.8092	2.6059	3.4852	3.9110	4.0095	3.4613	4.3908	4.5717
Tm-167	2.4452	1.6296	2.2310	2.5362	2.3690	1.9622	2.6520	2.8578
Tm-168	4.2667	2.9696	3.9178	4.3820	4.5102	3.9195	4.9333	5.1348
Tm-170	0.1504	0.0929	0.1356	0.1578	0.1289	0.0974	0.1501	0.1702
Tm-171	0.0216	0.0139	0.0196	0.0226	0.0197	0.0156	0.0225	0.0248
Tm-172	0.8380	0.5463	0.7605	0.8659	0.8275	0.6840	0.9239	0.9877
Tm-173	1.1227	0.8134	1.0371	1.1432	1.2718	1.1446	1.3666	1.3856
Tm-174	4.9262	3.5196	4.5419	5.0350	5.4196	4.8090	5.8711	6.0185
Tm-175	1.8983	1.3502	1.7471	1.9311	2.1516	1.9270	2.3126	2.3402
Tm-176	3.5489	2.4934	3.2612	3.6304	3.8613	3.3964	4.1946	4.3164
U-227	1.7862	1.2066	1.6359	1.8465	1.6908	1.3904	1.9039	2.0455
U-228	0.3166	0.1986	0.2866	0.3291	0.2666	0.2014	0.3104	0.3457

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-230	0.3562	0.2184	0.3212	0.3708	0.2897	0.2124	0.3409	0.3840
U-231	4.1877	2.6890	3.8046	4.3468	3.6563	2.8429	4.2113	4.6373
U-232	0.3381	0.2060	0.3047	0.3522	0.2722	0.1977	0.3214	0.3633
U-233	0.1797	0.1085	0.1617	0.1874	0.1429	0.1025	0.1695	0.1929
U-234	1.0584	0.7980	0.9838	1.0697	1.2566	1.1776	1.3120	1.2988
U-235	1.3103	1.0063	1.2225	1.3256	1.5323	1.4177	1.6026	1.6326
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.2801	0.1704	0.2523	0.2919	0.2248	0.1627	0.2657	0.3006
U-237	3.2752	2.2003	2.9966	3.3872	3.0873	2.5349	3.4775	3.7381
U-238	0.9392	0.6939	0.8678	0.9434	1.1210	1.0430	1.1704	1.1689
U-239	1.0002	0.7067	0.9237	1.0309	1.0100	0.8689	1.1162	1.1709
U-240	0.8878	0.5454	0.8006	0.9244	0.7321	0.5421	0.8581	0.9639
U-242	0.3073	0.2221	0.2847	0.3151	0.3279	0.2898	0.3570	0.3676
V-47	0.0168	0.0099	0.0150	0.0176	0.0143	0.0105	0.0167	0.0190
V-48	2.1113	1.4782	1.9340	2.1358	2.4651	2.2183	2.6332	2.6276
V-49	0.3040	0.1547	0.2662	0.3249	0.1966	0.1062	0.2533	0.3217
V-50	1.1526	0.7692	1.0472	1.1754	1.2537	1.0842	1.3645	1.3999
V-52	0.9162	0.6513	0.8406	0.9218	1.1107	1.0149	1.1752	1.1530
V-53	0.9767	0.7004	0.8986	0.9841	1.1773	1.0772	1.2476	1.2299
W-177	5.7180	3.8385	5.2234	5.9251	5.5980	4.6605	6.2586	6.7206
W-178	0.9346	0.5425	0.8345	0.9865	0.7347	0.5112	0.8804	1.0329
W-179	2.3381	1.4445	2.1074	2.4480	2.0261	1.5438	2.3477	2.6421
W-179m	1.3972	0.8879	1.2655	1.4606	1.2483	0.9759	1.4342	1.5972
W-181	1.4624	0.9194	1.3224	1.5307	1.2886	0.9967	1.4863	1.6640
W-185m	1.8637	1.0249	1.6503	1.9775	1.3487	0.8549	1.6653	2.0208
W-185	0.0011	0.0008	0.0010	0.0012	0.0011	0.0009	0.0012	0.0013
W-187	1.4095	0.9878	1.2962	1.4467	1.5018	1.3108	1.6402	1.7021
W-188	0.0151	0.0102	0.0138	0.0156	0.0149	0.0124	0.0166	0.0178
W-190	3.0111	1.9950	2.7464	3.1341	2.8326	2.3058	3.2045	3.4959
Xe-120	2.8184	1.9850	2.5909	2.8717	3.0611	2.7187	3.3056	3.3555
Xe-121	1.8278	1.3109	1.6847	1.8571	2.0598	1.8541	2.2087	2.2219
Xe-122	1.2523	0.8671	1.1474	1.2771	1.3346	1.1739	1.4458	1.4739
Xe-123	2.0955	1.5121	1.9351	2.1347	2.3181	2.0803	2.4952	2.5272
Xe-125	2.5910	1.8589	2.3902	2.6403	2.8464	2.5463	3.0664	3.1105
Xe-127	2.5800	1.8708	2.3849	2.6288	2.8556	2.5656	3.0729	3.1153
Xe-127m	2.0937	1.5418	1.9429	2.1395	2.3085	2.0785	2.4887	2.5345
Xe-129m	1.9222	1.3127	1.7569	1.9639	2.0158	1.7560	2.1928	2.2486
Xe-131m	0.8337	0.5625	0.7605	0.8535	0.8584	0.7394	0.9385	0.9705
Xe-133	1.1335	0.8107	1.0465	1.1604	1.2203	1.0835	1.3218	1.3527
Xe-133m	0.9160	0.6285	0.8380	0.9362	0.9624	0.8389	1.0470	1.0755
Xe-135	1.0668	0.8027	0.9932	1.0845	1.2348	1.1305	1.3186	1.3238
Xe-135m	0.9298	0.6721	0.8579	0.9420	1.0778	0.9786	1.1495	1.1496
Xe-137	0.3315	0.2439	0.3068	0.3353	0.3928	0.3599	0.4174	0.4153

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-138	1.4356	1.0110	1.3184	1.4632	1.5939	1.4118	1.7225	1.7562
Y-81	2.1117	1.5026	1.9524	2.1706	2.1292	1.8309	2.3530	2.4639
Y-83	1.5596	1.0542	1.4275	1.5973	1.5237	1.2742	1.6959	1.7755
Y-83m	1.2589	0.9013	1.1629	1.2847	1.3385	1.1757	1.4585	1.4960
Y-84m	3.1334	2.2464	2.8841	3.1620	3.7251	3.3937	3.9594	3.9202
Y-85	1.1057	0.7696	1.0159	1.1278	1.1584	1.0031	1.2675	1.3047
Y-85m	1.2692	0.8774	1.1647	1.2952	1.3146	1.1307	1.4428	1.4884
Y-86	3.8787	2.7254	3.5627	3.9337	4.3308	3.8455	4.6683	4.7078
Y-86m	1.2271	0.9207	1.1426	1.2510	1.3843	1.2562	1.4873	1.5094
Y-87	2.1638	1.4677	1.9822	2.2178	2.1064	1.7573	2.3484	2.4699
Y-87m	1.0225	0.7382	0.9449	1.0400	1.1271	1.0051	1.2178	1.2358
Y-88	3.0846	2.1060	2.8217	3.1402	3.2410	2.7916	3.5457	3.6340
Y-89m	0.9393	0.6751	0.8648	0.9471	1.1267	1.0300	1.1954	1.1803
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Y-90m	2.1426	1.5999	1.9917	2.1769	2.4651	2.2483	2.6357	2.6514
Y-91	0.0024	0.0017	0.0022	0.0024	0.0029	0.0027	0.0031	0.0030
Y-91m	0.9366	0.6813	0.8655	0.9477	1.0952	0.9967	1.1669	1.1647
Y-92	0.2485	0.1791	0.2289	0.2506	0.2986	0.2732	0.3165	0.3125
Y-93	0.1334	0.0986	0.1236	0.1351	0.1573	0.1440	0.1674	0.1666
Y-94	0.7324	0.5269	0.6743	0.7383	0.8809	0.8061	0.9339	0.9214
Y-95	0.5482	0.3903	0.5030	0.5513	0.6641	0.6068	0.7023	0.6897
Yb-162	2.8292	1.9579	2.5986	2.9237	2.8623	2.4435	3.1658	3.3556
Yb-163	2.2242	1.4537	2.0218	2.3073	2.1367	1.7501	2.4000	2.5947
Yb-164	1.4008	0.9251	1.2767	1.4553	1.3409	1.1030	1.5049	1.6285
Yb-165	3.8857	2.4930	3.5242	4.0529	3.5572	2.8296	4.0522	4.4699
Yb-166	2.6030	1.7301	2.3753	2.7042	2.5010	2.0648	2.8042	3.0310
Yb-167	5.3327	3.5829	4.8748	5.5367	5.1580	4.2798	5.7778	6.2354
Yb-169	5.6516	3.8695	5.1826	5.8502	5.6354	4.7691	6.2558	6.6651
Yb-175	0.1969	0.1406	0.1817	0.2020	0.2120	0.1868	0.2307	0.2386
Yb-177	0.7150	0.5118	0.6601	0.7338	0.7681	0.6772	0.8365	0.8654
Yb-178	0.1362	0.0957	0.1252	0.1395	0.1469	0.1288	0.1600	0.1654
Yb-179	1.9648	1.4165	1.8135	1.9966	2.2507	2.0300	2.4119	2.4333
Zn-60	1.2271	0.8860	1.1336	1.2497	1.3902	1.2506	1.4941	1.5124
Zn-61	0.4305	0.3075	0.3958	0.4351	0.5078	0.4606	0.5406	0.5376
Zn-62	2.0046	1.2176	1.7996	2.0934	1.7581	1.3362	2.0351	2.2812
Zn-63	0.2321	0.1515	0.2104	0.2386	0.2368	0.1984	0.2622	0.2769
Zn-65	1.5083	0.8662	1.3417	1.5825	1.2439	0.8886	1.4702	1.6925
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	0.9632	0.6983	0.8894	0.9784	1.1063	0.9997	1.1851	1.1950
Zn-71	0.5053	0.3707	0.4674	0.5111	0.5990	0.5486	0.6365	0.6331
Zn-71m	2.8603	2.1066	2.6485	2.8940	3.3878	3.1050	3.6009	3.5854
Zn-72	2.7527	1.7512	2.4926	2.8758	2.4393	1.8956	2.8113	3.1429
Zr-85	0.9493	0.6893	0.8770	0.9619	1.0931	0.9898	1.1691	1.1712

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zr-86	3.6466	2.5174	3.3520	3.7341	3.5744	3.0182	3.9676	4.1453
Zr-87	0.2936	0.1962	0.2684	0.3007	0.2789	0.2298	0.3124	0.3286
Zr-88	2.2125	1.5322	2.0333	2.2616	2.2236	1.8961	2.4553	2.5509
Zr-89	1.9144	1.3140	1.7547	1.9505	1.9828	1.7055	2.1743	2.2338
Zr-89m	0.9847	0.7109	0.9088	0.9964	1.1422	1.0350	1.2191	1.2183
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	0.8912	0.6457	0.8221	0.8993	1.0675	0.9775	1.1326	1.1205
Zr-97	1.0858	0.7864	1.0016	1.0962	1.2939	1.1830	1.3741	1.3610

Table 2: Composite 2 Surface Contamination for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.4236	0.3337	0.5208	0.5841	0.3026	0.2897	0.5119	0.5880
Ac-224	3.5808	3.2500	4.0316	4.1433	3.0611	3.1254	4.1233	4.3001
Ac-225	0.6189	0.4948	0.7528	0.8346	0.4395	0.4213	0.7358	0.8396
Ac-226	1.5676	1.4368	1.7503	1.7806	1.3520	1.3834	1.7942	1.8525
Ac-227	0.1454	0.1006	0.1910	0.2268	0.0876	0.0774	0.1823	0.2239
Ac-228	2.4023	2.2020	2.6578	2.6815	2.0701	2.1327	2.7488	2.8013
Ac-230	1.0701	0.9703	1.1907	1.2070	0.9074	0.9318	1.2284	1.2615
Ac-231	3.2407	3.0570	3.5387	3.5205	2.9211	3.0289	3.6876	3.6969
Ac-232	1.6683	1.5343	1.8335	1.8335	1.4486	1.4999	1.9110	1.9228
Ac-233	1.3310	1.2739	1.4330	1.3962	1.2417	1.3060	1.5251	1.5143
Ag-100m	2.4065	2.3839	2.4949	2.3296	2.3347	2.4907	2.7093	2.5186
Ag-101	2.2259	2.1814	2.3373	2.2229	2.0913	2.2080	2.4798	2.3713
Ag-102m	1.6249	1.5928	1.6955	1.5967	1.5456	1.6436	1.8275	1.7281
Ag-102	3.7500	3.7016	3.9006	3.6582	3.5995	3.8315	4.2090	3.9628
Ag-103	2.8046	2.7194	2.9747	2.8685	2.5477	2.6620	3.0880	3.0210
Ag-104	4.9270	4.8286	5.1523	4.8741	4.6222	4.8942	5.4849	5.2236
Ag-104m	2.0348	1.9919	2.1325	2.0180	1.9023	2.0112	2.2645	2.1709
Ag-105	3.1106	3.0024	3.2989	3.1856	2.7798	2.8995	3.4080	3.3316
Ag-105m	0.0506	0.0324	0.0693	0.0852	0.0300	0.0260	0.0667	0.0840
Ag-106	0.6989	0.6650	0.7461	0.7256	0.5957	0.6156	0.7547	0.7551
Ag-106m	6.0089	5.8914	6.2920	5.9574	5.6420	5.9701	6.6951	6.3988
Ag-108	0.0623	0.0601	0.0661	0.0635	0.0553	0.0576	0.0681	0.0664
Ag-108m	4.6317	4.5287	4.8690	4.6296	4.3084	4.5396	5.1425	4.9269
Ag-109m	0.6270	0.5827	0.6806	0.6802	0.5086	0.5182	0.6754	0.6905
Ag-110	0.0619	0.0613	0.0646	0.0606	0.0596	0.0633	0.0694	0.0650
Ag-110m	4.1451	4.1127	4.2959	4.0129	4.0367	4.3106	4.6703	4.3439
Ag-111	0.1155	0.1142	0.1211	0.1152	0.1113	0.1176	0.1298	0.1232
Ag-111m	0.3539	0.3213	0.3911	0.3988	0.2802	0.2830	0.3864	0.4030
Ag-112	0.9459	0.9388	0.9816	0.9158	0.9214	0.9826	1.0663	0.9921
Ag-113m	0.8943	0.8674	0.9510	0.9203	0.8357	0.8767	1.0066	0.9756
Ag-113	0.2549	0.2519	0.2671	0.2538	0.2459	0.2601	0.2866	0.2717
Ag-114	0.3958	0.3926	0.4117	0.3848	0.3851	0.4107	0.4465	0.4208
Ag-115	0.9229	0.9133	0.9646	0.9106	0.8919	0.9468	1.0381	0.9818
Ag-116	2.3472	2.3266	2.4340	2.2704	2.2860	2.4430	2.6503	2.4914
Ag-117	1.8663	1.8441	1.9490	1.8401	1.8019	1.9125	2.0995	1.9860
Ag-99	2.6104	2.5740	2.7240	2.5719	2.5031	2.6573	2.9280	2.7644
Al-26	1.3108	1.2994	1.3480	1.2466	1.2851	1.3802	1.4872	1.3650
Al-28	1.2766	1.2663	1.3118	1.2123	1.2523	1.3451	1.4477	1.3278
Al-29	1.3179	1.3077	1.3563	1.2590	1.2898	1.3840	1.4910	1.3755
Am-237	3.8482	3.5114	4.2976	4.3824	3.2770	3.3454	4.3854	4.5402
Am-238	3.6783	3.3783	4.0749	4.1173	3.1606	3.2473	4.1859	4.2871
Am-239	4.7821	4.2561	5.4385	5.6522	3.9210	3.9541	5.4792	5.8037

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-240	4.1237	3.7353	4.6058	4.6965	3.4609	3.5367	4.7006	4.8658
Am-241	1.4177	1.4292	1.4648	1.3494	1.3755	1.4735	1.5422	1.4255
Am-242	0.8246	0.7001	0.9623	1.0262	0.6148	0.6028	0.9423	1.0352
Am-242m	0.5998	0.4778	0.7257	0.8014	0.4047	0.3824	0.6956	0.7970
Am-243	1.5046	1.3966	1.6625	1.6752	1.3168	1.3687	1.7131	1.7507
Am-244	3.7917	3.3894	4.2649	4.3823	3.0859	3.1241	4.2997	4.5001
Am-244m	0.3209	0.2673	0.3775	0.4060	0.2297	0.2226	0.3660	0.4069
Am-245	0.4978	0.4520	0.5578	0.5711	0.4192	0.4265	0.5659	0.5895
Am-246	5.3136	4.7542	5.9882	6.1611	4.3231	4.3669	6.0201	6.3186
Am-246m	2.0077	1.8844	2.1736	2.1432	1.7836	1.8605	2.2746	2.2576
Am-247	1.7587	1.6182	1.9533	1.9813	1.5125	1.5479	1.9953	2.0543
Ar-37	0.0549	0.0321	0.0779	0.0985	0.0298	0.0243	0.0744	0.0966
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2952	1.2853	1.3332	1.2381	1.2673	1.3595	1.4652	1.3522
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.5715	1.5596	1.6220	1.5088	1.5359	1.6459	1.7757	1.6465
Ar-44	2.5060	2.4859	2.6087	2.4469	2.4412	2.5988	2.8287	2.6534
As-68	3.0748	3.0475	3.1812	2.9667	2.9979	3.2088	3.4745	3.2262
As-69	0.5556	0.5110	0.6185	0.6294	0.4975	0.5147	0.6478	0.6611
As-70	4.0889	4.0209	4.2627	4.0143	3.9517	4.2183	4.6383	4.3531
As-71	2.3092	1.9848	2.7094	2.9094	1.9142	1.9210	2.7667	3.0013
As-72	1.3740	1.3107	1.4714	1.4347	1.2840	1.3554	1.5773	1.5309
As-73	2.1324	1.3175	2.9630	3.6863	1.2247	1.0404	2.8442	3.6272
As-74	1.2974	1.1515	1.4787	1.5395	1.1166	1.1423	1.5366	1.6055
As-76	0.7855	0.7790	0.8185	0.7663	0.7635	0.8132	0.8858	0.8372
As-77	0.0438	0.0428	0.0466	0.0450	0.0417	0.0439	0.0496	0.0482
As-78	1.7756	1.7616	1.8413	1.7185	1.7304	1.8468	2.0028	1.8643
As-79	0.0806	0.0799	0.0841	0.0792	0.0782	0.0832	0.0909	0.0858
At-204	6.0416	5.7829	6.4992	6.3412	5.6061	5.8886	6.8935	6.7781
At-205	3.4274	3.1659	3.7925	3.8275	3.0363	3.1484	3.9564	4.0212
At-206	6.2683	6.0081	6.7324	6.5619	5.8263	6.1249	7.1481	7.0058
At-207	5.1198	4.7953	5.5953	5.5705	4.6220	4.8235	5.8847	5.8882
At-208	7.6379	7.2497	8.2660	8.1294	7.0100	7.3426	8.7346	8.6180
At-209	7.1516	6.7069	7.8162	7.7793	6.4604	6.7397	8.2099	8.2321
At-210	6.1697	5.7839	6.7233	6.6780	5.5793	5.8293	7.0921	7.0680
At-211	0.9818	0.8502	1.1419	1.2147	0.7972	0.8035	1.1563	1.2503
At-215	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0008	0.0008
At-216	0.0478	0.0427	0.0545	0.0569	0.0405	0.0414	0.0558	0.0590
At-217	0.0017	0.0016	0.0019	0.0019	0.0015	0.0016	0.0020	0.0020
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.2095	2.1401	2.3603	2.2889	2.0754	2.1790	2.5017	2.4345
Au-186	3.6889	3.4923	4.0177	3.9867	3.3929	3.5536	4.2370	4.2211

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Au-187	3.3093	2.9594	3.7540	3.9001	2.8567	2.9476	3.8951	4.0708
Au-190	4.3509	4.1137	4.7209	4.6726	4.0103	4.2133	5.0065	4.9576
Au-191	4.0462	3.6645	4.5613	4.7051	3.5388	3.6581	4.7336	4.9196
Au-192	4.1003	3.8549	4.4699	4.4492	3.7540	3.9382	4.7304	4.7116
Au-193	2.8001	2.4757	3.2173	3.3877	2.3816	2.4456	3.3062	3.5158
Au-193m	1.9889	1.7206	2.3132	2.4663	1.6437	1.6600	2.3618	2.5408
Au-194	3.4074	3.1638	3.7584	3.7914	3.0714	3.2065	3.9492	3.9931
Au-195	2.6130	2.1821	3.1175	3.4094	2.0804	2.0894	3.1522	3.4918
Au-195m	2.0126	1.7416	2.3398	2.4940	1.6628	1.6794	2.3889	2.5692
Au-196	3.1792	2.9481	3.5193	3.5639	2.8564	2.9731	3.6839	3.7428
Au-196m	4.6088	3.9109	5.4458	5.8919	3.7210	3.7282	5.5150	6.0495
Au-198	1.3261	1.3059	1.3957	1.3269	1.2753	1.3489	1.4995	1.4292
Au-198m	6.3415	5.8139	7.1111	7.2883	5.6135	5.7903	7.3756	7.6172
Au-199	1.3090	1.1967	1.4720	1.5100	1.1509	1.1819	1.5204	1.5794
Au-200	0.4964	0.4886	0.5194	0.4920	0.4788	0.5086	0.5619	0.5303
Au-200m	6.7426	6.5460	7.1857	6.9404	6.3821	6.7247	7.6570	7.4426
Au-201	0.2007	0.1689	0.2376	0.2573	0.1609	0.1608	0.2413	0.2649
Au-202	0.3111	0.3069	0.3250	0.3064	0.3008	0.3203	0.3519	0.3332
Ba-124	2.2350	2.1519	2.3791	2.3125	2.0381	2.1437	2.4889	2.4249
Ba-126	2.6535	2.5693	2.8100	2.7130	2.4458	2.5797	2.9570	2.8580
Ba-127	1.3078	1.2543	1.3969	1.3644	1.1832	1.2426	1.4546	1.4255
Ba-128	1.4224	1.3507	1.5236	1.4987	1.2551	1.3143	1.5721	1.5485
Ba-129	1.4862	1.4143	1.5944	1.5675	1.3250	1.3877	1.6517	1.6284
Ba-129m	4.8469	4.6969	5.1432	4.9623	4.5192	4.7673	5.4501	5.2708
Ba-131	3.3694	3.2612	3.5805	3.4679	3.1042	3.2680	3.7561	3.6653
Ba-131m	1.7186	1.6227	1.8706	1.8648	1.5496	1.6161	1.9432	1.9452
Ba-133	3.8418	3.7024	4.0912	3.9817	3.5155	3.6977	4.2860	4.1733
Ba-133m	1.2920	1.1697	1.4406	1.4786	1.0954	1.1287	1.4743	1.5177
Ba-135m	1.0959	1.0369	1.1791	1.1633	0.9723	1.0187	1.2206	1.2051
Ba-137m	1.2527	1.2373	1.3077	1.2301	1.2064	1.2818	1.4072	1.3178
Ba-139	0.4574	0.4490	0.4859	0.4670	0.4350	0.4569	0.5130	0.4981
Ba-140	1.0110	0.9066	1.1419	1.1824	0.8630	0.8837	1.1763	1.2305
Ba-141	2.7251	2.6928	2.8581	2.7116	2.6272	2.7827	3.0654	2.9125
Ba-142	2.4466	2.4061	2.5624	2.4317	2.3432	2.4916	2.7532	2.6111
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1338	0.1326	0.1399	0.1315	0.1298	0.1380	0.1510	0.1451
Bi-197	3.8704	3.5724	4.2759	4.3143	3.4451	3.5861	4.4845	4.5454
Bi-200	7.2634	6.9148	7.8515	7.7167	6.7058	7.0406	8.3169	8.2311
Bi-201	3.9279	3.6421	4.3226	4.3423	3.5159	3.6678	4.5435	4.5834
Bi-202	6.6413	6.3364	7.1537	7.0041	6.1530	6.4722	7.5990	7.4623
Bi-203	4.7066	4.4071	5.1359	5.1101	4.2686	4.4701	5.4262	5.4122
Bi-204	6.7587	6.4160	7.3016	7.1819	6.2264	6.5439	7.7491	7.6360
Bi-205	3.6894	3.4029	4.0768	4.1118	3.2833	3.4177	4.2780	4.3327

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Bi-206	7.7721	7.3826	8.3969	8.2538	7.1668	7.5317	8.9066	8.7968
Bi-207	4.1133	3.8455	4.5046	4.4926	3.7165	3.8851	4.7439	4.7655
Bi-208	2.4660	2.2395	2.7426	2.7871	2.1647	2.2477	2.8806	2.9365
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4774	1.4196	1.5886	1.5562	1.3808	1.4479	1.6821	1.6496
Bi-211	0.2324	0.2230	0.2500	0.2450	0.2168	0.2272	0.2651	0.2598
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3286	0.2711	0.3916	0.4275	0.2551	0.2528	0.3958	0.4365
Bi-213	0.4536	0.4385	0.4850	0.4696	0.4258	0.4481	0.5161	0.5049
Bi-214	1.7473	1.7284	1.8135	1.6953	1.6984	1.8137	1.9753	1.8413
Bi-215	1.1348	1.0761	1.2318	1.2190	1.0401	1.0863	1.2974	1.2887
Bi-216	1.9637	1.9322	2.0662	1.9584	1.8865	1.9996	2.2200	2.1309
Bk-245	3.9266	3.5828	4.3880	4.4792	3.3294	3.3931	4.4576	4.6299
Bk-246	3.9659	3.5897	4.4314	4.5245	3.3156	3.3806	4.5060	4.6730
Bk-247	1.8247	1.7280	1.9880	1.9729	1.6479	1.7133	2.0667	2.0727
Bk-248m	0.9349	0.8298	1.0615	1.1019	0.7522	0.7559	1.0613	1.1275
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.6889	1.6024	1.8112	1.7671	1.5219	1.5974	1.9083	1.8722
Bk-251	2.1279	1.9038	2.4089	2.4929	1.7433	1.7581	2.4194	2.5575
Br-72	2.5641	2.5100	2.6840	2.5425	2.4612	2.6215	2.9097	2.7507
Br-73	1.6622	1.5902	1.7912	1.7571	1.5445	1.6299	1.8969	1.8689
Br-74	2.9007	2.8388	3.0354	2.8679	2.7883	2.9675	3.2933	3.0971
Br-74m	3.5571	3.4876	3.7226	3.5158	3.4203	3.6376	4.0316	3.7898
Br-75	2.0766	1.9615	2.2611	2.2469	1.9000	1.9778	2.3803	2.3710
Br-76	2.8317	2.6599	3.0726	3.0304	2.5833	2.7069	3.2654	3.2342
Br-76m	2.1874	1.7644	2.6426	2.9192	1.5842	1.5421	2.6045	2.9408
Br-77	2.0419	1.6910	2.4376	2.6610	1.5839	1.5640	2.4526	2.7239
Br-77m	0.9890	0.7539	1.2374	1.4083	0.6654	0.6218	1.1999	1.4098
Br-78	0.2518	0.2249	0.2851	0.2944	0.2149	0.2197	0.2949	0.3065
Br-80	0.1669	0.1455	0.1922	0.2022	0.1382	0.1398	0.1971	0.2089
Br-80m	1.9971	1.5548	2.4581	2.7617	1.3654	1.2970	2.3907	2.7631
Br-82m	0.8155	0.5739	1.0608	1.2467	0.4861	0.4298	1.0081	1.2336
Br-82	4.2152	4.1808	4.3753	4.0917	4.1038	4.3795	4.7513	4.4433
Br-83	0.0167	0.0165	0.0175	0.0166	0.0161	0.0171	0.0189	0.0182
Br-84m	3.9135	3.8819	4.0563	3.7924	3.8135	4.0719	4.4187	4.1255
Br-84	1.4223	1.4108	1.4662	1.3623	1.3916	1.4927	1.6077	1.4858
Br-85	0.0936	0.0928	0.0969	0.0906	0.0912	0.0976	0.1055	0.0983
C-10	1.2610	1.2510	1.3092	1.2250	1.2274	1.3085	1.4191	1.3211
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0979	0.0572	0.1392	0.1759	0.0532	0.0435	0.1328	0.1725
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.1398	1.1309	1.1751	1.0928	1.1142	1.1943	1.2887	1.1939

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ca-49	1.2451	1.2342	1.2737	1.1727	1.2266	1.3221	1.4115	1.2890
Cd-101	3.1201	3.0528	3.2737	3.1164	2.9216	3.0872	3.4766	3.3225
Cd-102	2.8097	2.7244	2.9705	2.8556	2.5443	2.6664	3.0946	3.0249
Cd-103	2.7076	2.6262	2.8421	2.7134	2.4610	2.5902	2.9861	2.8691
Cd-104	2.6637	2.5527	2.8389	2.7659	2.3237	2.4152	2.8985	2.8689
Cd-105	1.9379	1.8737	2.0398	1.9553	1.7418	1.8274	2.1291	2.0567
Cd-107	1.8418	1.7225	1.9855	1.9701	1.4920	1.5217	1.9655	1.9973
Cd-109	1.7232	1.6088	1.8599	1.8482	1.3918	1.4184	1.8396	1.8726
Cd-111m	2.4534	2.3911	2.6012	2.5099	2.2716	2.3797	2.7230	2.6484
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0012	0.0011	0.0013	0.0012	0.0010	0.0010	0.0013	0.0013
Cd-115	0.5516	0.5443	0.5780	0.5461	0.5273	0.5594	0.6188	0.5964
Cd-115m	0.0440	0.0437	0.0455	0.0425	0.0429	0.0460	0.0497	0.0463
Cd-117	1.8692	1.8483	1.9459	1.8336	1.8059	1.9208	2.1039	1.9783
Cd-117m	2.1012	2.0843	2.1708	2.0202	2.0518	2.1978	2.3747	2.2034
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.2255	2.2029	2.3125	2.1729	2.1595	2.2998	2.5086	2.3498
Cd-119m	2.4988	2.4774	2.5838	2.4089	2.4349	2.6057	2.8216	2.6209
Ce-130	3.3233	3.2055	3.5439	3.4474	3.0658	3.2265	3.7196	3.6289
Ce-131	3.4905	3.3668	3.7189	3.6059	3.2438	3.4166	3.9375	3.8245
Ce-132	3.1015	3.0045	3.3080	3.2095	2.8751	3.0216	3.4705	3.3839
Ce-133	2.9590	2.8319	3.1712	3.1064	2.6888	2.8285	3.3082	3.2481
Ce-133m	4.9019	4.7720	5.1740	4.9601	4.6017	4.8782	5.5014	5.2932
Ce-134	1.2129	1.1385	1.3107	1.3010	1.0609	1.1107	1.3504	1.3412
Ce-135	3.6095	3.5035	3.8232	3.6831	3.3690	3.5578	4.0465	3.9031
Ce-137	1.4074	1.2680	1.5720	1.6179	1.1819	1.2187	1.6040	1.6554
Ce-137m	1.0742	1.0105	1.1626	1.1538	0.9528	0.9979	1.2056	1.1966
Ce-139	2.5710	2.4715	2.7574	2.6939	2.3569	2.4701	2.8789	2.8297
Ce-141	1.0348	1.0100	1.1031	1.0677	0.9776	1.0267	1.1613	1.1346
Ce-143	2.0178	1.9475	2.1477	2.0855	1.8695	1.9739	2.2654	2.1961
Ce-144	0.3367	0.3254	0.3606	0.3521	0.3133	0.3292	0.3781	0.3716
Ce-145	3.1035	3.0030	3.2906	3.1756	2.8900	3.0604	3.4869	3.3612
Cf-244	0.2157	0.1760	0.2569	0.2794	0.1485	0.1417	0.2464	0.2783
Cf-246	0.1481	0.1210	0.1763	0.1916	0.1021	0.0976	0.1691	0.1909
Cf-247	3.1263	2.7171	3.6016	3.7961	2.4426	2.4292	3.5717	3.8587
Cf-248	0.1773	0.1450	0.2109	0.2291	0.1224	0.1170	0.2024	0.2283
Cf-249	1.7462	1.6408	1.9033	1.8896	1.5501	1.6037	1.9766	1.9775
Cf-250	0.1495	0.1247	0.1758	0.1888	0.1071	0.1039	0.1705	0.1893
Cf-251	2.3774	2.1453	2.6767	2.7526	1.9759	2.0020	2.7017	2.8338
Cf-252	0.7930	0.7620	0.8454	0.8177	0.7315	0.7690	0.8954	0.8705
Cf-253	0.4717	0.3856	0.5615	0.6120	0.3296	0.3163	0.5416	0.6096
Cf-254	24.2094	23.9772	25.1954	23.6640	23.4876	25.0199	27.2747	25.6315
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cl-34	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.5300	1.5145	1.5938	1.4969	1.4914	1.5883	1.7284	1.6254
Cl-36	0.0008	0.0005	0.0011	0.0014	0.0004	0.0003	0.0011	0.0014
Cl-38	0.9445	0.9369	0.9701	0.8956	0.9272	0.9963	1.0712	0.9819
Cl-39	1.9332	1.9158	2.0038	1.8761	1.8846	2.0120	2.1830	2.0359
Cl-40	2.4879	2.4680	2.5558	2.3646	2.4407	2.6207	2.8170	2.5893
Cm-238	1.9345	1.7465	2.1791	2.2424	1.6133	1.6355	2.2016	2.3098
Cm-239	3.8395	3.5737	4.2419	4.2694	3.3618	3.4537	4.3521	4.4492
Cm-240	0.2439	0.1960	0.2933	0.3217	0.1645	0.1556	0.2807	0.3200
Cm-241	4.5255	4.0546	5.1140	5.2752	3.7424	3.7913	5.1757	5.4534
Cm-242	0.2190	0.1759	0.2634	0.2888	0.1476	0.1397	0.2520	0.2873
Cm-243	2.3841	2.0966	2.7326	2.8640	1.9285	1.9360	2.7463	2.9331
Cm-244	0.1880	0.1510	0.2261	0.2480	0.1267	0.1199	0.2163	0.2467
Cm-245	2.5427	2.2673	2.8888	2.9978	2.0846	2.1019	2.9073	3.0788
Cm-246	0.1551	0.1255	0.1857	0.2027	0.1061	0.1010	0.1783	0.2021
Cm-247	1.1364	1.1179	1.1971	1.1402	1.0883	1.1488	1.2822	1.2222
Cm-248	2.0278	1.9820	2.1332	2.0302	1.9257	2.0400	2.2879	2.1826
Cm-249	0.2210	0.1512	0.2935	0.3526	0.1425	0.1289	0.2865	0.3507
Cm-250	19.1235	18.9347	19.9069	18.7022	18.5459	19.7542	21.5467	20.2548
Cm-251	0.4930	0.4625	0.5384	0.5347	0.4376	0.4535	0.5587	0.5640
Co-54m	3.8777	3.8469	4.0152	3.7504	3.7808	4.0396	4.3818	4.0809
Co-55	1.7944	1.7422	1.8936	1.8121	1.7093	1.8166	2.0471	1.9585
Co-56	3.5741	3.4170	3.8078	3.6908	3.3579	3.5572	4.1096	3.9609
Co-57	2.3895	2.0449	2.8124	3.0369	1.9585	1.9578	2.8501	3.1193
Co-58	1.6060	1.4570	1.7908	1.8309	1.4218	1.4742	1.8848	1.9204
Co-58m	0.3928	0.2297	0.5578	0.7050	0.2136	0.1745	0.5324	0.6913
Co-60	2.6277	2.6082	2.7062	2.5144	2.5702	2.7574	2.9718	2.7459
Co-60m	0.4625	0.2831	0.6454	0.8056	0.2647	0.2241	0.6198	0.7927
Co-61	1.2883	1.2515	1.3791	1.3428	1.2220	1.3079	1.4633	1.4353
Co-62	1.5232	1.5118	1.5687	1.4564	1.4904	1.6000	1.7228	1.5917
Co-62m	2.7060	2.6859	2.7878	2.5894	2.6471	2.8413	3.0608	2.8284
Cr-48	3.1364	3.0103	3.3895	3.3443	2.9408	3.0728	3.5796	3.5393
Cr-49	1.5173	1.4893	1.6163	1.5610	1.4569	1.5401	1.7149	1.6700
Cr-51	0.3600	0.2662	0.4601	0.5366	0.2541	0.2394	0.4564	0.5383
Cr-55	0.0006	0.0006	0.0006	0.0005	0.0006	0.0006	0.0006	0.0006
Cr-56	2.2391	2.1218	2.4328	2.4250	2.0118	2.0995	2.5279	2.5357
Cs-121	1.1678	1.1455	1.2321	1.1791	1.1049	1.1657	1.3065	1.2569
Cs-121m	2.1750	2.1326	2.2978	2.2016	2.0551	2.1676	2.4347	2.3452
Cs-123	1.8166	1.7672	1.9210	1.8509	1.6857	1.7781	2.0236	1.9542
Cs-124	0.5923	0.5821	0.6207	0.5905	0.5634	0.5964	0.6641	0.6309
Cs-125	1.5749	1.5259	1.6662	1.6071	1.4446	1.5225	1.7490	1.6974
Cs-126	1.0122	0.9931	1.0626	1.0121	0.9573	1.0127	1.1334	1.0800
Cs-127	2.5134	2.4361	2.6612	2.5711	2.3056	2.4258	2.7910	2.7043

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cs-128	0.8082	0.7846	0.8537	0.8211	0.7443	0.7851	0.8989	0.8700
Cs-129	2.5408	2.4449	2.6977	2.6228	2.2874	2.4013	2.8076	2.7334
Cs-130m	2.2093	2.0804	2.3959	2.3844	1.9555	2.0445	2.4774	2.4736
Cs-130	0.7349	0.6995	0.7841	0.7691	0.6436	0.6737	0.8067	0.7940
Cs-131	1.1766	1.1137	1.2598	1.2430	1.0168	1.0615	1.2881	1.2745
Cs-132	2.4743	2.4026	2.6089	2.5040	2.2797	2.4057	2.7477	2.6332
Cs-134	2.8303	2.8070	2.9422	2.7545	2.7527	2.9337	3.1866	2.9836
Cs-134m	0.8957	0.7836	1.0273	1.0867	0.7328	0.7429	1.0399	1.1085
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.5364	2.5124	2.6283	2.4621	2.4661	2.6352	2.8551	2.6616
Cs-136	4.0043	3.9603	4.1695	3.9278	3.8777	4.1330	4.5108	4.2403
Cs-137	1.5612	1.5490	1.6261	1.5078	1.5191	1.6159	1.7555	1.6438
Cs-138m	1.5166	1.4575	1.6168	1.5722	1.3883	1.4608	1.6996	1.6583
Cs-138	2.5750	2.5538	2.6631	2.4819	2.5124	2.6882	2.9102	2.7120
Cs-139	0.2627	0.2606	0.2708	0.2513	0.2571	0.2756	0.2972	0.2744
Cs-140	1.7309	1.7173	1.7904	1.6656	1.6903	1.8079	1.9550	1.8152
Cu-57	0.1353	0.1341	0.1398	0.1304	0.1320	0.1415	0.1531	0.1422
Cu-59	0.6575	0.6481	0.6854	0.6461	0.6365	0.6782	0.7444	0.7004
Cu-60	2.6169	2.5789	2.7112	2.5361	2.5433	2.7226	2.9707	2.7625
Cu-61	0.7076	0.6154	0.8184	0.8683	0.5967	0.6066	0.8452	0.8984
Cu-62	0.0195	0.0146	0.0248	0.0286	0.0140	0.0133	0.0248	0.0289
Cu-64	0.2410	0.1434	0.3401	0.4278	0.1337	0.1107	0.3254	0.4201
Cu-66	0.1281	0.1272	0.1322	0.1231	0.1251	0.1342	0.1446	0.1344
Cu-67	1.2313	1.1759	1.3419	1.3300	1.1450	1.1935	1.4098	1.4074
Cu-69	0.7604	0.7548	0.7871	0.7347	0.7414	0.7936	0.8581	0.8006
Dy-148	2.5400	2.4301	2.7288	2.6670	2.3557	2.4844	2.8918	2.8145
Dy-149	4.0071	3.8390	4.2910	4.1888	3.7323	3.9460	4.5654	4.4360
Dy-150	1.6721	1.5981	1.8008	1.7683	1.5475	1.6283	1.9056	1.8636
Dy-151	3.7539	3.5626	4.0543	3.9938	3.4592	3.6406	4.2992	4.2275
Dy-152	2.6462	2.5241	2.8565	2.8159	2.4466	2.5719	3.0128	2.9623
Dy-153	4.9175	4.6627	5.3278	5.2739	4.5127	4.7470	5.6170	5.5471
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.3139	3.1722	3.5660	3.4987	3.0747	3.2398	3.7715	3.6939
Dy-157	2.7153	2.5894	2.9290	2.8898	2.5075	2.6348	3.0931	3.0363
Dy-159	1.5925	1.4631	1.7656	1.7986	1.4026	1.4653	1.8355	1.8610
Dy-165m	0.4356	0.3387	0.5414	0.6163	0.3232	0.3138	0.5410	0.6216
Dy-165	0.2616	0.2461	0.2861	0.2862	0.2384	0.2501	0.3004	0.2997
Dy-166	1.2403	1.1102	1.4070	1.4675	1.0683	1.1040	1.4538	1.5142
Dy-167	2.1836	2.1147	2.3293	2.2579	2.0619	2.1752	2.4801	2.4067
Dy-168	2.1583	2.0604	2.3354	2.2995	2.0005	2.1003	2.4665	2.4393
Er-154	1.9426	1.7449	2.1867	2.2717	1.6416	1.6919	2.2405	2.3262
Er-156	2.4425	2.0835	2.8571	3.0779	1.9817	2.0078	2.9059	3.1351
Er-159	3.1094	2.9586	3.3593	3.3075	2.8745	3.0266	3.5575	3.4905

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Er-161	3.3066	3.1201	3.5900	3.5630	3.0309	3.1889	3.7968	3.7516
Er-163	1.3380	1.2188	1.4959	1.5374	1.1719	1.2216	1.5532	1.5882
Er-165	1.2952	1.1766	1.4510	1.4946	1.1311	1.1779	1.5055	1.5430
Er-167m	1.0643	0.9884	1.1808	1.1974	0.9566	0.9928	1.2317	1.2513
Er-169	0.0113	0.0067	0.0161	0.0203	0.0062	0.0051	0.0154	0.0199
Er-171	2.7515	2.6226	2.9809	2.9526	2.5539	2.6761	3.1470	3.1109
Er-172	2.4894	2.3614	2.7020	2.6737	2.2952	2.4135	2.8560	2.8208
Er-173	4.1908	4.0269	4.5174	4.4344	3.9198	4.1216	4.7779	4.6970
Es-249	3.3339	3.0863	3.6803	3.7087	2.8835	2.9597	3.7693	3.8526
Es-250	10.0688	9.0518	11.3139	11.6284	8.2725	8.3792	11.4049	11.9394
Es-250m	2.9688	2.7325	3.2843	3.3182	2.5401	2.6049	3.3556	3.4432
Es-251	2.7782	2.4450	3.1769	3.3219	2.2140	2.2148	3.1664	3.3891
Es-253	0.0579	0.0470	0.0692	0.0757	0.0401	0.0383	0.0667	0.0755
Es-254	2.0424	1.6059	2.4936	2.7797	1.3750	1.2959	2.3960	2.7631
Es-254m	1.6173	1.4992	1.7718	1.7691	1.3942	1.4371	1.8223	1.8366
Es-255	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0011	0.0010
Es-256	0.2902	0.2446	0.3383	0.3619	0.2089	0.2033	0.3276	0.3614
Eu-142	0.3497	0.3412	0.3667	0.3488	0.3333	0.3550	0.3957	0.3741
Eu-142m	4.5852	4.4692	4.8327	4.6115	4.3754	4.6483	5.2096	4.9771
Eu-143	0.7029	0.6754	0.7478	0.7247	0.6549	0.6941	0.7978	0.7697
Eu-144	0.3129	0.3007	0.3321	0.3211	0.2919	0.3096	0.3553	0.3415
Eu-145	2.7678	2.6690	2.9381	2.8381	2.5895	2.7461	3.1366	3.0179
Eu-146	4.6622	4.5526	4.9042	4.6723	4.4378	4.7137	5.2674	4.9949
Eu-147	2.9123	2.7874	3.1298	3.0684	2.6885	2.8314	3.2988	3.2333
Eu-148	5.4086	5.2883	5.6988	5.4296	5.1512	5.4658	6.1109	5.8361
Eu-149	1.5088	1.3685	1.6852	1.7304	1.3021	1.3490	1.7405	1.7866
Eu-150	5.1079	4.9840	5.3982	5.1758	4.8490	5.1314	5.7722	5.5389
Eu-150m	0.2387	0.2286	0.2559	0.2504	0.2206	0.2324	0.2706	0.2639
Eu-152	3.3930	3.2824	3.6054	3.4880	3.1892	3.3737	3.8426	3.7107
Eu-152m	0.9408	0.9055	1.0029	0.9745	0.8776	0.9284	1.0660	1.0335
Eu-152n	1.7445	1.5701	1.9793	2.0595	1.5180	1.5607	2.0456	2.1387
Eu-154	2.7425	2.6745	2.8978	2.7803	2.6146	2.7722	3.1072	2.9791
Eu-154m	2.0621	1.8135	2.3705	2.5049	1.7394	1.7812	2.4304	2.5808
Eu-155	1.2379	1.1778	1.3465	1.3377	1.1440	1.2000	1.4148	1.4087
Eu-156	1.6394	1.5966	1.7250	1.6452	1.5655	1.6663	1.8647	1.7703
Eu-157	2.2789	2.1249	2.5037	2.5173	2.0531	2.1502	2.6240	2.6372
Eu-158	2.2010	2.1278	2.3334	2.2478	2.0810	2.2098	2.5095	2.4100
Eu-159	2.5980	2.4595	2.8195	2.7963	2.3732	2.4987	2.9628	2.9352
F-17	0.0004	0.0004	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7198	1.6433	1.8748	1.8552	1.5994	1.6622	1.9666	1.9673
Fe-53	0.5853	0.5762	0.6158	0.5867	0.5633	0.5951	0.6619	0.6288
Fe-53m	3.7478	3.7199	3.8733	3.6082	3.6585	3.9165	4.2308	3.9234

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fe-55	0.3254	0.1901	0.4624	0.5846	0.1768	0.1444	0.4412	0.5731
Fe-59	1.3923	1.3821	1.4367	1.3378	1.3603	1.4583	1.5735	1.4592
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.8741	1.8588	1.9415	1.8167	1.8273	1.9534	2.1162	1.9739
Fe-62	1.2723	1.2612	1.3306	1.2494	1.2349	1.3149	1.4361	1.3863
Fm-251	2.4726	2.2074	2.8050	2.9135	2.0400	2.0608	2.8289	2.9928
Fm-252	0.1528	0.1273	0.1794	0.1929	0.1080	0.1044	0.1730	0.1925
Fm-253	2.3414	2.0246	2.7019	2.8546	1.8038	1.7875	2.6679	2.8910
Fm-254	0.1641	0.1383	0.1914	0.2043	0.1186	0.1155	0.1857	0.2047
Fm-255	1.6544	1.3389	1.9824	2.1705	1.1390	1.0861	1.9067	2.1610
Fm-256	18.0229	17.8445	18.7619	17.6272	17.4743	18.6106	20.3029	19.0872
Fm-257	2.7131	2.4286	3.0654	3.1671	2.2149	2.2350	3.0764	3.2459
Fr-212	3.7863	3.4642	4.2161	4.2863	3.2979	3.3999	4.3719	4.4838
Fr-219	0.0173	0.0166	0.0187	0.0183	0.0160	0.0168	0.0197	0.0195
Fr-220	0.3469	0.2833	0.4178	0.4594	0.2580	0.2516	0.4136	0.4655
Fr-221	0.2718	0.2567	0.2974	0.2961	0.2462	0.2557	0.3102	0.3116
Fr-222	1.8863	1.7034	2.1281	2.1898	1.5903	1.6171	2.1680	2.2656
Fr-223	1.5207	1.3384	1.7394	1.8209	1.2339	1.2508	1.7569	1.8629
Fr-224	1.8702	1.7574	2.0428	2.0315	1.6790	1.7437	2.1327	2.1384
Fr-227	3.0029	2.8071	3.3032	3.3088	2.6814	2.7829	3.4349	3.4787
Ga-64	1.9101	1.8882	1.9740	1.8408	1.8621	1.9967	2.1639	2.0075
Ga-65	1.8410	1.6722	2.0771	2.1477	1.6261	1.6740	2.1546	2.2414
Ga-66	1.5614	1.4184	1.7315	1.7580	1.3904	1.4491	1.8387	1.8588
Ga-67	2.2585	1.8456	2.7358	3.0367	1.7784	1.7534	2.7641	3.0958
Ga-68	0.1277	0.0943	0.1628	0.1892	0.0903	0.0858	0.1623	0.1907
Ga-70	0.0167	0.0152	0.0186	0.0189	0.0148	0.0154	0.0195	0.0199
Ga-72	2.8610	2.8357	2.9583	2.7576	2.7919	2.9878	3.2303	2.9968
Ga-73	2.6068	2.1531	3.1231	3.4371	2.0718	2.0550	3.1719	3.5075
Ga-74	3.1698	3.1446	3.2813	3.0537	3.0948	3.3086	3.5805	3.3304
Gd-142	1.5646	1.5107	1.6670	1.6154	1.4662	1.5496	1.7735	1.7172
Gd-143m	4.0207	3.8982	4.2664	4.1170	3.7934	4.0139	4.5534	4.3816
Gd-144	1.1210	1.0662	1.2050	1.1828	1.0305	1.0873	1.2759	1.2465
Gd-145m	1.5948	1.4887	1.7436	1.7415	1.4448	1.5084	1.8399	1.8308
Gd-145	2.3838	2.3093	2.5120	2.4034	2.2555	2.4014	2.7090	2.5749
Gd-146	5.0131	4.7735	5.4294	5.3723	4.6065	4.8323	5.6911	5.6419
Gd-147	4.7909	4.6530	5.0836	4.9015	4.5226	4.7846	5.4211	5.2169
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.6795	3.5336	3.9497	3.8650	3.4201	3.5980	4.1709	4.0825
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.7754	1.6033	1.9937	2.0572	1.5294	1.5802	2.0567	2.1234
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.7460	2.5903	2.9896	2.9795	2.4934	2.6159	3.1285	3.1139
Gd-159	0.5043	0.4772	0.5472	0.5432	0.4609	0.4845	0.5759	0.5692

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Gd-162	1.4606	1.4095	1.5627	1.5170	1.3737	1.4446	1.6662	1.6243
Ge-66	2.9603	2.5671	3.4360	3.6607	2.4745	2.5078	3.5284	3.7767
Ge-67	1.7778	1.7329	1.8986	1.8349	1.6923	1.7765	2.0158	1.9639
Ge-68	0.8005	0.4690	1.1363	1.4354	0.4355	0.3560	1.0843	1.4074
Ge-69	1.5851	1.3187	1.8809	2.0481	1.2762	1.2799	1.9307	2.1095
Ge-71	0.8120	0.4756	1.1525	1.4558	0.4417	0.3611	1.0997	1.4275
Ge-75	0.1887	0.1861	0.1988	0.1897	0.1820	0.1923	0.2125	0.2031
Ge-77	3.2311	3.1904	3.3941	3.2227	3.1191	3.3029	3.6429	3.4652
Ge-78	1.4048	1.3875	1.4759	1.4067	1.3577	1.4346	1.5810	1.5049
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.8866	1.7719	2.0664	2.0734	1.7218	1.8020	2.1727	2.1750
Hf-169	2.7563	2.5842	3.0224	3.0243	2.5115	2.6370	3.1816	3.2113
Hf-170	3.9212	3.5737	4.4026	4.5276	3.4631	3.5906	4.5773	4.7232
Hf-172	3.4370	2.9759	3.9933	4.2707	2.8383	2.8925	4.0715	4.3763
Hf-173	4.5059	4.2465	4.9385	4.9525	4.1298	4.3187	5.1761	5.2065
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.9362	2.7291	3.2415	3.2794	2.6488	2.7673	3.3984	3.4312
Hf-177m	15.4592	14.6891	16.8124	16.6855	14.2972	14.9633	17.7230	17.6108
Hf-178m	10.9189	10.4212	11.8268	11.6581	10.1553	10.6478	12.5134	12.4007
Hf-179m	6.5615	6.1287	7.2347	7.2885	5.9563	6.2063	7.5835	7.6736
Hf-180m	5.6961	5.4270	6.1776	6.1064	5.2830	5.5422	6.5282	6.4740
Hf-181	2.7789	2.6306	3.0321	3.0141	2.5625	2.6814	3.1944	3.2127
Hf-182	1.5752	1.5187	1.6916	1.6544	1.4822	1.5575	1.7930	1.7553
Hf-182m	4.9864	4.6678	5.4804	5.5029	4.5396	4.7443	5.7594	5.8028
Hf-183	2.4239	2.3408	2.5897	2.5154	2.2880	2.4259	2.7631	2.6900
Hf-184	3.2940	2.7473	3.9331	4.3094	2.6407	2.6316	3.9876	4.4059
Hg-190	3.7558	3.3344	4.3084	4.5258	3.2023	3.2721	4.4189	4.6981
Hg-191m	5.7572	5.3140	6.3847	6.4699	5.1517	5.3573	6.6869	6.8080
Hg-192	3.7392	3.2977	4.2996	4.5318	3.1648	3.2335	4.4135	4.6945
Hg-193	3.6905	3.3011	4.1901	4.3567	3.1779	3.2723	4.3372	4.5403
Hg-193m	3.4145	3.1513	3.7836	3.8298	3.0523	3.1795	3.9669	4.0355
Hg-194	0.4802	0.3017	0.6610	0.8151	0.2700	0.2275	0.6297	0.8015
Hg-195	2.4967	2.1049	2.9564	3.2082	2.0028	2.0164	2.9972	3.2929
Hg-195m	2.8227	2.2707	3.4381	3.8319	2.1402	2.1001	3.4420	3.8939
Hg-197	2.3167	1.9336	2.7643	3.0219	1.8371	1.8412	2.7924	3.0948
Hg-197m	2.1356	1.7807	2.5507	2.7909	1.6889	1.6793	2.5699	2.8544
Hg-199m	2.6607	2.3602	3.0524	3.2026	2.2610	2.3046	3.1301	3.3244
Hg-203	1.4448	1.3896	1.5527	1.5205	1.3520	1.4180	1.6443	1.6120
Hg-205	0.0505	0.0480	0.0551	0.0548	0.0463	0.0483	0.0577	0.0578
Hg-206	0.6940	0.6600	0.7526	0.7451	0.6405	0.6696	0.7941	0.7868
Hg-207	3.8083	3.7098	4.0133	3.8347	3.6323	3.8563	4.3326	4.1287
Ho-150	1.9901	1.9545	2.0831	1.9737	1.9140	2.0381	2.2485	2.1222
Ho-153	2.6582	2.5596	2.8448	2.7758	2.4901	2.6273	3.0226	2.9391

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-153m	3.1472	3.0111	3.3943	3.3364	2.9257	3.0759	3.5887	3.5278
Ho-154m	6.1257	6.0004	6.4616	6.1757	5.8584	6.2049	6.9324	6.6411
Ho-154	3.2048	3.1329	3.3809	3.2375	3.0598	3.2411	3.6289	3.4656
Ho-155	2.7819	2.6004	3.0525	3.0655	2.5151	2.6296	3.2002	3.2090
Ho-156	4.6529	4.5003	4.9601	4.8106	4.3895	4.6358	5.2860	5.1193
Ho-157	4.2013	3.9543	4.5841	4.5759	3.8237	4.0097	4.8152	4.7953
Ho-159	4.6671	4.4082	5.0896	5.0784	4.2671	4.4719	5.3382	5.3229
Ho-160	4.8151	4.6084	5.1668	5.0504	4.4847	4.7369	5.4970	5.3541
Ho-161	2.1489	1.9423	2.4094	2.4913	1.8327	1.8923	2.4751	2.5579
Ho-162	1.7688	1.6089	1.9787	2.0340	1.5475	1.6102	2.0553	2.1049
Ho-162m	3.1770	2.9015	3.5462	3.6305	2.8033	2.9111	3.6971	3.7795
Ho-163	0.0131	0.0076	0.0186	0.0235	0.0071	0.0058	0.0177	0.0230
Ho-164	1.0022	0.9061	1.1268	1.1647	0.8704	0.9038	1.1669	1.2020
Ho-164m	1.9713	1.6584	2.3303	2.5353	1.5841	1.5992	2.3675	2.5793
Ho-166	0.3854	0.3295	0.4520	0.4872	0.3176	0.3223	0.4624	0.4996
Ho-166m	5.1040	4.9287	5.4581	5.3029	4.8102	5.0696	5.8124	5.6472
Ho-167	1.9427	1.8742	2.0812	2.0322	1.8261	1.9201	2.2120	2.1534
Ho-168	1.9395	1.8554	2.0807	2.0323	1.8135	1.9131	2.2203	2.1612
Ho-168m	0.4039	0.3058	0.5091	0.5870	0.2906	0.2796	0.5059	0.5885
Ho-170	4.6192	4.4329	4.9531	4.8362	4.3277	4.5677	5.2789	5.1465
I-118m	5.5364	5.4823	5.7651	5.4094	5.3528	5.6962	6.2257	5.8446
I-118	1.9022	1.8829	1.9805	1.8574	1.8378	1.9560	2.1392	2.0093
I-119	2.1785	2.1272	2.2978	2.2094	2.0309	2.1389	2.4232	2.3330
I-120	2.4521	2.4163	2.5523	2.4002	2.3458	2.4970	2.7521	2.5951
I-120m	4.8538	4.8006	5.0565	4.7461	4.6791	4.9789	5.4560	5.1380
I-121	2.6652	2.5943	2.8223	2.7280	2.4446	2.5659	2.9484	2.8636
I-122	0.5596	0.5438	0.5896	0.5662	0.5127	0.5403	0.6194	0.5985
I-123	2.7371	2.6529	2.9110	2.8276	2.4894	2.6012	3.0220	2.9619
I-124	2.1764	2.1202	2.2865	2.1870	2.0089	2.1205	2.4143	2.3113
I-125	2.3303	2.2134	2.4857	2.4516	1.9930	2.0725	2.5285	2.5050
I-126	1.6110	1.5713	1.6955	1.6253	1.4909	1.5709	1.7884	1.7139
I-128	0.2682	0.2623	0.2822	0.2698	0.2504	0.2643	0.2989	0.2883
I-129	1.2255	1.1654	1.3076	1.2843	1.0677	1.1175	1.3411	1.3201
I-130m	0.5518	0.5136	0.6029	0.6043	0.4825	0.5011	0.6241	0.6312
I-130	4.2640	4.2290	4.4401	4.1611	4.1433	4.4114	4.8026	4.5181
I-131	1.6705	1.6730	1.7350	1.6101	1.6186	1.7137	1.8548	1.7231
I-132	3.7873	3.7568	3.9326	3.6789	3.6856	3.9304	4.2653	3.9809
I-132m	1.4319	1.3465	1.5545	1.5437	1.2724	1.3236	1.6155	1.6109
I-133	1.3445	1.3330	1.4032	1.3161	1.3053	1.3901	1.5162	1.4476
I-134m	2.5911	2.5110	2.7420	2.6549	2.3694	2.4910	2.8682	2.7784
I-134	3.9649	3.9320	4.1105	3.8456	3.8597	4.1241	4.4688	4.1725
I-135	1.7599	1.7461	1.8174	1.6925	1.7185	1.8405	1.9890	1.8457
In-103	3.0019	2.9682	3.1320	2.9519	2.8894	3.0695	3.3705	3.1791

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-105	2.8413	2.7919	2.9829	2.8405	2.6885	2.8405	3.1708	3.0335
In-106	4.7833	4.7346	4.9730	4.6637	4.6176	4.9206	5.3749	5.0402
In-106m	2.1953	2.1720	2.2786	2.1297	2.1210	2.2600	2.4685	2.2973
In-107	2.7864	2.7230	2.9299	2.7996	2.5830	2.7208	3.0912	2.9709
In-108	6.6004	6.5015	6.8802	6.4913	6.2850	6.6756	7.3850	6.9617
In-108m	2.5194	2.4721	2.6268	2.4783	2.3743	2.5175	2.8105	2.6479
In-109	3.0636	2.9796	3.2416	3.1246	2.7883	2.9198	3.3763	3.2814
In-109m	1.2541	1.2417	1.3073	1.2269	1.2091	1.2838	1.4068	1.3151
In-110	6.1689	6.0623	6.4393	6.0878	5.8247	6.1776	6.8798	6.5064
In-110m	1.8786	1.8414	1.9668	1.8642	1.7585	1.8579	2.0885	1.9793
In-111	4.1137	4.0055	4.3644	4.2146	3.7756	3.9467	4.5463	4.4351
In-111m	1.2531	1.2362	1.3124	1.2390	1.1963	1.2690	1.4048	1.3511
In-112	0.4854	0.4608	0.5180	0.5084	0.4090	0.4219	0.5224	0.5205
In-112m	1.1154	1.0634	1.1908	1.1724	0.9527	0.9839	1.2060	1.2022
In-113m	1.2538	1.2251	1.3207	1.2670	1.1595	1.2176	1.3909	1.3368
In-114	0.0085	0.0082	0.0091	0.0088	0.0074	0.0077	0.0093	0.0091
In-114m	0.9235	0.8823	0.9878	0.9707	0.8055	0.8352	1.0109	1.0036
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.1718	1.1361	1.2388	1.2006	1.0591	1.1064	1.2895	1.2532
In-116m	2.8457	2.8231	2.9400	2.7402	2.7773	2.9731	3.2154	2.9856
In-117	2.8150	2.7820	2.9649	2.8155	2.7054	2.8552	3.1597	3.0431
In-117m	0.8490	0.8257	0.8996	0.8710	0.7758	0.8103	0.9372	0.9137
In-118m	3.5656	3.5393	3.6857	3.4350	3.4793	3.7249	4.0253	3.7380
In-118	0.0877	0.0870	0.0905	0.0842	0.0857	0.0918	0.0991	0.0920
In-119	1.5660	1.5213	1.6502	1.5816	1.4656	1.5491	1.7584	1.6814
In-119m	0.2418	0.2270	0.2612	0.2598	0.2093	0.2169	0.2690	0.2691
In-121	1.4465	1.4351	1.4982	1.4012	1.4083	1.5068	1.6303	1.5204
In-121m	0.9206	0.8886	0.9747	0.9508	0.8155	0.8571	1.0049	0.9851
Ir-180	3.9939	3.7370	4.3854	4.3982	3.6366	3.7988	4.6121	4.6404
Ir-182	3.9195	3.6410	4.3313	4.3774	3.5402	3.6886	4.5402	4.6072
Ir-183	4.2769	3.8558	4.8287	4.9945	3.7380	3.8731	5.0238	5.2202
Ir-184	5.8782	5.4758	6.4701	6.5074	5.3295	5.5696	6.8079	6.8691
Ir-185	4.2352	3.6495	4.9387	5.2837	3.5175	3.5834	5.0638	5.4572
Ir-186	5.6744	5.2947	6.2424	6.2744	5.1521	5.3826	6.5650	6.6223
Ir-186m	3.3253	3.0831	3.6706	3.7033	3.0004	3.1361	3.8590	3.9030
Ir-187	2.8973	2.5059	3.3741	3.6047	2.4149	2.4679	3.4589	3.7268
Ir-188	4.1564	3.8580	4.5791	4.6047	3.7598	3.9367	4.8278	4.8690
Ir-189	2.1416	1.7823	2.5605	2.8082	1.7084	1.7203	2.5931	2.8753
Ir-190	6.1091	5.7816	6.6564	6.6005	5.6251	5.8959	7.0260	7.0118
Ir-190m	0.4531	0.2694	0.6392	0.8036	0.2482	0.2042	0.6097	0.7884
Ir-190n	1.7160	1.4617	2.0212	2.1850	1.4034	1.4281	2.0577	2.2475
Ir-191m	2.1308	1.7541	2.5669	2.8343	1.6739	1.6666	2.5857	2.8948
Ir-192	3.2473	3.1726	3.4410	3.3115	3.0983	3.2682	3.6786	3.5480

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-192m	0.5245	0.3229	0.7287	0.9053	0.2921	0.2439	0.6946	0.8895
Ir-192n	1.1005	0.6820	1.5248	1.8905	0.6170	0.5178	1.4544	1.8585
Ir-193m	0.4557	0.2744	0.6397	0.8013	0.2526	0.2096	0.6109	0.7869
Ir-194	0.2948	0.2891	0.3107	0.2976	0.2827	0.2986	0.3333	0.3182
Ir-194m	6.8373	6.6890	7.2286	6.9159	6.5345	6.9069	7.7469	7.4482
Ir-195	1.6844	1.4181	1.9994	2.1758	1.3528	1.3617	2.0251	2.2311
Ir-195m	2.4372	2.2196	2.7356	2.8099	2.1444	2.2156	2.8441	2.9390
Ir-196	0.5926	0.5820	0.6231	0.5938	0.5694	0.6032	0.6703	0.6379
Ir-196m	7.4754	7.2445	7.9688	7.6969	7.0656	7.4454	8.5084	8.2584
K-38	1.2635	1.2525	1.2975	1.1962	1.2413	1.3353	1.4338	1.3126
K-40	0.1447	0.1408	0.1514	0.1436	0.1388	0.1479	0.1653	0.1557
K-42	0.2395	0.2377	0.2462	0.2282	0.2346	0.2515	0.2712	0.2496
K-43	2.5701	2.5492	2.6847	2.5279	2.4940	2.6449	2.8942	2.7214
K-44	1.9666	1.9515	2.0252	1.8790	1.9253	2.0663	2.2247	2.0532
K-45	2.4774	2.4566	2.5830	2.4270	2.4120	2.5644	2.7950	2.6318
K-46	1.9446	1.9291	1.9979	1.8505	1.9066	2.0473	2.2019	2.0249
Kr-74	2.5006	2.3060	2.7850	2.8330	2.2095	2.2791	2.8855	2.9638
Kr-75	2.1566	2.0470	2.3532	2.3383	1.9722	2.0468	2.4543	2.4700
Kr-76	3.2084	2.8182	3.6777	3.8591	2.6367	2.6630	3.7444	3.9782
Kr-77	2.2758	2.1715	2.4777	2.4573	2.0977	2.1791	2.5854	2.5984
Kr-79	1.5505	1.2604	1.8671	2.0526	1.1439	1.1115	1.8509	2.0811
Kr-81	0.9832	0.6909	1.2796	1.5046	0.5844	0.5161	1.2154	1.4885
Kr-81m	1.3770	1.2878	1.5194	1.5235	1.2178	1.2540	1.5686	1.5962
Kr-83m	0.4288	0.2958	0.5636	0.6686	0.2526	0.2214	0.5356	0.6605
Kr-85	0.0056	0.0055	0.0058	0.0055	0.0054	0.0057	0.0063	0.0060
Kr-85m	1.4999	1.4579	1.6088	1.5632	1.4113	1.4737	1.6917	1.6652
Kr-87	1.0693	1.0599	1.1120	1.0425	1.0402	1.1072	1.2071	1.1291
Kr-88	1.9818	1.9346	2.0804	1.9733	1.8822	1.9971	2.2412	2.1268
Kr-89	2.2791	2.2565	2.3680	2.2183	2.2150	2.3626	2.5728	2.4098
La-128	4.3426	4.2888	4.5352	4.2804	4.1891	4.4538	4.8891	4.6263
La-129	2.1025	2.0446	2.2269	2.1469	1.9641	2.0718	2.3518	2.2725
La-130	3.1982	3.1522	3.3430	3.1614	3.0708	3.2623	3.5983	3.4060
La-131	2.8166	2.7294	2.9898	2.8909	2.6104	2.7512	3.1472	3.0506
La-132	3.0118	2.9519	3.1577	2.9948	2.8603	3.0391	3.3840	3.2295
La-132m	2.8485	2.7540	3.0377	2.9471	2.6552	2.7954	3.2070	3.1293
La-133	1.4624	1.3352	1.6171	1.6457	1.2449	1.2882	1.6558	1.6894
La-134	0.5460	0.5194	0.5837	0.5712	0.4866	0.5116	0.6059	0.5933
La-135	1.2414	1.1713	1.3346	1.3174	1.0870	1.1394	1.3739	1.3579
La-136	0.8304	0.7848	0.8914	0.8784	0.7297	0.7655	0.9194	0.9064
La-137	1.1784	1.1091	1.2691	1.2557	1.0280	1.0767	1.3048	1.2923
La-138	1.9169	1.8633	2.0110	1.9181	1.8016	1.9146	2.1557	2.0464
La-140	2.8031	2.7774	2.9045	2.7148	2.7306	2.9161	3.1671	2.9623
La-141	0.0248	0.0246	0.0256	0.0237	0.0243	0.0261	0.0281	0.0259

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-142	1.9702	1.9544	2.0340	1.8888	1.9264	2.0627	2.2263	2.0566
La-143	0.2823	0.2801	0.2918	0.2716	0.2756	0.2949	0.3188	0.2956
Lu-165	4.0747	3.8255	4.4623	4.4683	3.7174	3.8966	4.6934	4.6978
Lu-167	4.5092	4.2194	4.9294	4.9290	4.0866	4.2836	5.1926	5.1828
Lu-169m	0.3284	0.1921	0.4664	0.5894	0.1785	0.1459	0.4450	0.5779
Lu-169	4.1572	3.8853	4.5562	4.5671	3.7788	3.9668	4.8058	4.8058
Lu-170	3.9488	3.7099	4.2902	4.2577	3.6234	3.8198	4.5645	4.5093
Lu-171m	0.3522	0.2089	0.4976	0.6266	0.1945	0.1607	0.4757	0.6150
Lu-171	4.1212	3.6602	4.6929	4.9066	3.5121	3.6150	4.8396	5.0666
Lu-172	5.4753	5.1347	5.9799	5.9679	5.0016	5.2523	6.3259	6.3020
Lu-172m	0.2952	0.1727	0.4193	0.5299	0.1605	0.1311	0.4001	0.5195
Lu-173	3.4639	3.1604	3.8809	3.9913	3.0576	3.1856	4.0367	4.1450
Lu-174	1.8007	1.5806	2.0728	2.1942	1.5242	1.5689	2.1343	2.2584
Lu-174m	2.2017	1.8031	2.6541	2.9390	1.7278	1.7282	2.6825	2.9869
Lu-176	3.6314	3.4194	3.9818	3.9892	3.3235	3.4622	4.1823	4.1955
Lu-176m	0.4701	0.3834	0.5694	0.6326	0.3687	0.3665	0.5750	0.6442
Lu-177	0.4153	0.3871	0.4601	0.4659	0.3758	0.3904	0.4801	0.4885
Lu-177m	8.1692	7.7395	8.9165	8.8805	7.5270	7.8732	9.3766	9.3656
Lu-178	0.4166	0.3669	0.4779	0.5032	0.3561	0.3652	0.4952	0.5223
Lu-178m	6.6026	6.3127	7.1475	7.0507	6.1513	6.4509	7.5582	7.4719
Lu-179	0.2168	0.2122	0.2310	0.2231	0.2066	0.2176	0.2450	0.2376
Lu-180	3.2266	3.0926	3.4605	3.3780	3.0234	3.1886	3.6976	3.6040
Lu-181	2.7685	2.5090	3.1150	3.2096	2.4333	2.5135	3.2432	3.3487
Mg-27	1.3148	1.3047	1.3601	1.2706	1.2822	1.3728	1.4823	1.3797
Mg-28	2.7457	2.7161	2.8415	2.6660	2.6058	2.7771	3.0442	2.8494
Mn-50m	4.3480	4.3136	4.4912	4.1856	4.2449	4.5450	4.9092	4.5521
Mn-51	0.0145	0.0112	0.0180	0.0204	0.0108	0.0105	0.0181	0.0207
Mn-52	4.0755	3.9680	4.2824	4.0792	3.8979	4.1471	4.6426	4.3994
Mn-52m	1.3043	1.2926	1.3436	1.2485	1.2751	1.3666	1.4774	1.3637
Mn-53	0.2650	0.1548	0.3765	0.4760	0.1440	0.1176	0.3593	0.4667
Mn-54	1.5434	1.4223	1.7001	1.7143	1.3897	1.4498	1.7996	1.8079
Mn-56	1.8262	1.8113	1.8858	1.7564	1.7840	1.9114	2.0619	1.9101
Mn-57	0.9140	0.7325	1.1148	1.2433	0.6827	0.6627	1.1091	1.2588
Mn-58m	2.9032	2.8794	3.0010	2.7992	2.8336	3.0320	3.2773	3.0477
Mo-101	2.4240	2.3573	2.5630	2.4527	2.2989	2.4342	2.7517	2.6406
Mo-102	0.1574	0.1552	0.1667	0.1596	0.1504	0.1581	0.1763	0.1704
Mo-89	0.3076	0.3008	0.3217	0.3036	0.2906	0.3084	0.3455	0.3261
Mo-90	4.2128	3.9949	4.5551	4.4686	3.7044	3.8299	4.6782	4.6678
Mo-91m	1.2863	1.2664	1.3397	1.2575	1.2319	1.3101	1.4471	1.3547
Mo-91	0.0816	0.0726	0.0912	0.0924	0.0613	0.0610	0.0890	0.0933
Mo-93	1.0706	0.9338	1.2140	1.2468	0.7628	0.7440	1.1604	1.2450
Mo-93m	3.7542	3.6806	3.9290	3.7143	3.5616	3.7733	4.2137	3.9823
Mo-99	0.4695	0.4597	0.4951	0.4722	0.4415	0.4651	0.5240	0.5029

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.8788	0.8704	0.8946	0.8235	0.8688	0.9378	0.9986	0.9091
Na-22	1.3061	1.2961	1.3446	1.2490	1.2779	1.3709	1.4774	1.3638
Na-24	2.5448	2.5244	2.6120	2.4143	2.4979	2.6842	2.8819	2.6470
Nb-87	2.6909	2.5651	2.9150	2.8593	2.3933	2.4759	3.0016	2.9936
Nb-88m	4.8164	4.7685	5.0040	4.6879	4.6700	4.9827	5.4331	5.0886
Nb-88	6.3401	6.1900	6.6684	6.3353	5.9696	6.3242	7.1316	6.8146
Nb-89	0.6844	0.6420	0.7370	0.7185	0.5941	0.6174	0.7655	0.7551
Nb-89m	1.3613	1.3193	1.4456	1.3830	1.2608	1.3275	1.5293	1.5015
Nb-90	4.6804	4.5228	4.9551	4.7432	4.3280	4.5590	5.2583	5.0669
Nb-91	1.0873	0.9285	1.2520	1.3050	0.7539	0.7270	1.1932	1.3005
Nb-91m	0.9440	0.8257	1.0689	1.0966	0.6805	0.6663	1.0264	1.0978
Nb-92	3.6503	3.4771	3.9102	3.7864	3.2592	3.4053	4.0846	4.0128
Nb-92m	2.4459	2.2766	2.6568	2.6163	2.0778	2.1458	2.7257	2.7270
Nb-93m	0.2094	0.1774	0.2427	0.2555	0.1461	0.1409	0.2320	0.2545
Nb-94m	0.7385	0.6430	0.8387	0.8631	0.5269	0.5140	0.8027	0.8622
Nb-94	2.5328	2.5127	2.6259	2.4554	2.4665	2.6339	2.8522	2.6553
Nb-95	1.2574	1.2466	1.3037	1.2205	1.2242	1.3068	1.4152	1.3180
Nb-95m	1.1087	1.0129	1.2256	1.2281	0.8892	0.8979	1.2174	1.2546
Nb-96	4.0978	4.0637	4.2539	3.9821	3.9878	4.2566	4.6187	4.3275
Nb-97	1.2669	1.2575	1.3183	1.2330	1.2318	1.3105	1.4253	1.3270
Nb-98m	4.0058	3.9703	4.1515	3.8826	3.8988	4.1629	4.5142	4.2031
Nb-99	2.7818	2.6777	2.9924	2.9203	2.5247	2.6225	3.0925	3.0714
Nb-99m	0.9596	0.9402	1.0056	0.9516	0.9107	0.9653	1.0782	1.0236
Nd-134	3.0151	2.9240	3.2146	3.1162	2.8154	2.9621	3.3862	3.2976
Nd-135	3.4156	3.2912	3.6550	3.5586	3.1712	3.3383	3.8569	3.7697
Nd-136	2.9080	2.7611	3.1387	3.0980	2.6352	2.7656	3.2783	3.2411
Nd-137	3.1052	2.9991	3.2972	3.1879	2.8850	3.0528	3.4921	3.3765
Nd-138	1.2870	1.2116	1.3913	1.3795	1.1416	1.1977	1.4432	1.4299
Nd-139	1.2251	1.1664	1.3135	1.2874	1.1087	1.1676	1.3754	1.3469
Nd-139m	4.5618	4.4333	4.8217	4.6343	4.2874	4.5423	5.1315	4.9249
Nd-140	1.1855	1.1117	1.2846	1.2777	1.0450	1.0956	1.3298	1.3217
Nd-141	1.2063	1.1338	1.3047	1.2947	1.0669	1.1195	1.3525	1.3411
Nd-141m	1.2510	1.2347	1.3024	1.2259	1.2090	1.2885	1.4083	1.3187
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.3929	1.3376	1.4946	1.4619	1.2895	1.3594	1.5747	1.5445
Nd-149	2.3488	2.2919	2.4962	2.4087	2.2258	2.3473	2.6484	2.5634
Nd-151	2.6736	2.6265	2.8180	2.6930	2.5638	2.7151	3.0130	2.8860
Nd-152	1.0529	0.9979	1.1419	1.1293	0.9587	0.9993	1.1969	1.1872
Ne-19	0.0002	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003
Ne-24	1.3868	1.3749	1.4493	1.3623	1.3460	1.4318	1.5647	1.4983
Ni-56	4.9033	4.6673	5.3077	5.2266	4.5596	4.7721	5.6264	5.5636
Ni-57	1.8248	1.7029	1.9881	1.9787	1.6697	1.7498	2.1218	2.1041

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ni-59	0.4595	0.2685	0.6528	0.8253	0.2497	0.2039	0.6230	0.8092
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5958	0.5913	0.6145	0.5718	0.5824	0.6237	0.6738	0.6237
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.3308	4.9104	5.8950	5.9492	4.6186	4.7520	6.0780	6.1977
Np-233	2.0542	1.8372	2.3312	2.4160	1.7009	1.7204	2.3564	2.4876
Np-234	3.2616	2.9496	3.6490	3.7264	2.7514	2.8119	3.7383	3.8674
Np-235	0.8338	0.6366	1.0358	1.1698	0.5373	0.4962	0.9886	1.1604
Np-236	4.6643	4.0132	5.4155	5.7379	3.5999	3.5623	5.3635	5.8342
Np-236m	1.1786	1.0407	1.3478	1.4077	0.9540	0.9587	1.3535	1.4430
Np-237	1.7665	1.4755	2.0827	2.2443	1.2937	1.2629	2.0389	2.2605
Np-238	1.5283	1.3806	1.7019	1.7297	1.2733	1.3041	1.7412	1.7948
Np-239	3.0859	2.7616	3.4976	3.6238	2.5613	2.5922	3.5392	3.7297
Np-240	4.5585	4.1389	5.0842	5.1699	3.8284	3.9100	5.1851	5.3622
Np-240m	1.2733	1.1406	1.4312	1.4659	1.0446	1.0604	1.4506	1.5160
Np-241	0.7910	0.7094	0.8951	0.9251	0.6540	0.6613	0.9031	0.9520
Np-242	0.4139	0.3900	0.4464	0.4376	0.3711	0.3879	0.4697	0.4622
Np-242m	3.9704	3.5599	4.4599	4.5737	3.2632	3.3127	4.5178	4.7130
O-14	1.2521	1.2415	1.2845	1.1833	1.2309	1.3240	1.4199	1.3002
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.2472	2.2315	2.3530	2.2236	2.1808	2.3126	2.5288	2.3956
Os-180	2.4336	2.0437	2.8864	3.1420	1.9417	1.9559	2.9180	3.2130
Os-181	5.0778	4.6733	5.6430	5.7399	4.5449	4.7415	5.9123	6.0292
Os-182	3.4900	3.1238	3.9730	4.1408	3.0228	3.1148	4.1103	4.3276
Os-183	4.9277	4.4991	5.5251	5.6743	4.3649	4.5360	5.7549	5.9344
Os-183m	2.8218	2.5806	3.1426	3.2056	2.5101	2.6237	3.2992	3.3715
Os-185	2.7400	2.5101	3.0558	3.1156	2.4380	2.5405	3.1960	3.2630
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.4332	0.2563	0.6123	0.7710	0.2367	0.1943	0.5841	0.7563
Os-190m	5.8357	5.5154	6.3629	6.3100	5.3662	5.6037	6.7184	6.7110
Os-191	2.2560	1.8804	2.6969	2.9563	1.7977	1.7999	2.7251	3.0269
Os-191m	0.5841	0.3948	0.7809	0.9435	0.3700	0.3342	0.7590	0.9370
Os-193	0.6662	0.5822	0.7711	0.8181	0.5604	0.5713	0.7911	0.8479
Os-194	0.4638	0.3110	0.6208	0.7507	0.2863	0.2550	0.6003	0.7426
Os-196	0.6414	0.5932	0.7129	0.7245	0.5752	0.5986	0.7439	0.7610
P-30	0.0010	0.0009	0.0010	0.0009	0.0009	0.0010	0.0011	0.0010
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.8840	0.7413	1.0446	1.1270	0.6672	0.6572	1.0333	1.1432
Pa-228	5.7171	5.1506	6.4254	6.5911	4.8095	4.9084	6.5754	6.8395
Pa-229	1.8565	1.6182	2.1437	2.2610	1.4858	1.4877	2.1506	2.3154
Pa-230	3.3296	2.9846	3.7570	3.8691	2.7757	2.8257	3.8308	4.0082
Pa-231	1.6136	1.2728	1.9707	2.1971	1.1074	1.0500	1.9106	2.1947

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pa-232	2.8933	2.6544	3.1995	3.2235	2.4846	2.5579	3.2993	3.3691
Pa-233	2.5648	2.2778	2.9161	3.0311	2.1004	2.1187	2.9473	3.1143
Pa-234	5.6425	5.1636	6.2648	6.3424	4.8315	4.9597	6.4370	6.6033
Pa-234m	0.0453	0.0416	0.0501	0.0505	0.0391	0.0403	0.0518	0.0528
Pa-235	0.1556	0.0912	0.2207	0.2787	0.0847	0.0692	0.2106	0.2733
Pa-236	2.0137	1.8512	2.2207	2.2288	1.7377	1.7914	2.2974	2.3263
Pa-237	1.2232	1.1664	1.3142	1.2835	1.1371	1.1974	1.4017	1.3748
Pb-194	4.2177	3.8845	4.6868	4.7559	3.7461	3.8902	4.8932	4.9999
Pb-195m	5.8912	5.4120	6.5473	6.6467	5.2068	5.3905	6.8346	6.9699
Pb-196	3.8558	3.5165	4.3251	4.4339	3.3816	3.4952	4.4866	4.6480
Pb-197	3.9084	3.6498	4.2847	4.2862	3.5352	3.6943	4.5143	4.5280
Pb-197m	5.1745	4.7504	5.7608	5.8588	4.5687	4.7276	6.0038	6.1407
Pb-198	3.7304	3.3955	4.1905	4.3056	3.2630	3.3654	4.3422	4.4965
Pb-199	3.3586	3.1032	3.7171	3.7590	2.9974	3.1181	3.8935	3.9535
Pb-200	3.4851	3.0901	3.9959	4.1927	2.9500	3.0100	4.0928	4.3492
Pb-201	3.8035	3.5174	4.2128	4.2669	3.3948	3.5256	4.4036	4.4792
Pb-201m	1.4044	1.2968	1.5566	1.5717	1.2474	1.2940	1.6245	1.6479
Pb-202	0.4546	0.2801	0.6312	0.7839	0.2531	0.2115	0.6016	0.7702
Pb-202m	4.3701	4.2251	4.6479	4.4825	4.1132	4.3458	4.9729	4.8068
Pb-203	3.1721	2.8867	3.5631	3.6634	2.7756	2.8637	3.6922	3.8233
Pb-204m	3.9360	3.8708	4.1192	3.9024	3.7885	4.0302	4.4516	4.2072
Pb-205	0.4601	0.2836	0.6389	0.7934	0.2562	0.2141	0.6089	0.7796
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.5904	0.4195	0.7656	0.8994	0.3674	0.3314	0.7350	0.8914
Pb-211	0.1642	0.1592	0.1744	0.1681	0.1550	0.1637	0.1865	0.1799
Pb-212	1.5123	1.4000	1.6782	1.7002	1.3436	1.3907	1.7436	1.7815
Pb-214	1.5840	1.4760	1.7447	1.7554	1.4198	1.4719	1.8230	1.8426
Pd-100	3.8169	3.6398	4.0914	3.9927	3.3014	3.4242	4.1470	4.1417
Pd-101	2.8266	2.6626	3.0355	2.9714	2.3467	2.4053	3.0307	3.0488
Pd-103	1.1553	1.0680	1.2533	1.2417	0.9032	0.9115	1.2181	1.2539
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.3071	1.2705	1.3913	1.3436	1.1886	1.2388	1.4396	1.4117
Pd-109	0.6316	0.5870	0.6854	0.6849	0.5125	0.5223	0.6803	0.6954
Pd-111	0.1015	0.1001	0.1061	0.1002	0.0969	0.1029	0.1137	0.1079
Pd-112	0.4699	0.4154	0.5278	0.5397	0.3459	0.3412	0.5074	0.5409
Pd-114	0.2053	0.2023	0.2170	0.2081	0.1959	0.2062	0.2295	0.2218
Pd-96	3.5313	3.4378	3.7299	3.5739	3.2564	3.4201	3.9077	3.7912
Pd-97	2.9334	2.8777	3.0691	2.9046	2.7718	2.9353	3.2774	3.1175
Pd-98	3.2037	3.0764	3.4221	3.3242	2.8350	2.9447	3.5022	3.4672
Pd-99	2.9162	2.8381	3.0884	2.9670	2.6879	2.8158	3.2273	3.1403
Pm-136	4.0517	4.0078	4.2276	3.9856	3.9215	4.1684	4.5643	4.2951
Pm-137m	4.9202	4.8033	5.2126	5.0112	4.6608	4.9240	5.5424	5.3468
Pm-139	0.9081	0.8764	0.9657	0.9349	0.8444	0.8920	1.0237	0.9900

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pm-140m	4.4770	4.4151	4.6699	4.4047	4.3160	4.5991	5.0483	4.7547
Pm-140	0.3450	0.3346	0.3645	0.3501	0.3238	0.3434	0.3889	0.3731
Pm-141	0.8399	0.7993	0.9002	0.8819	0.7638	0.8057	0.9469	0.9252
Pm-142	0.3386	0.3201	0.3646	0.3594	0.3046	0.3206	0.3817	0.3753
Pm-143	1.6787	1.5974	1.8009	1.7658	1.5262	1.6085	1.8915	1.8491
Pm-144	4.3190	4.2167	4.5535	4.3448	4.0905	4.3355	4.8640	4.6416
Pm-145	1.2332	1.1481	1.3463	1.3494	1.0850	1.1355	1.3947	1.3968
Pm-146	2.3873	2.3221	2.5240	2.4210	2.2487	2.3816	2.6905	2.5874
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7579	0.7519	0.7852	0.7325	0.7390	0.7899	0.8559	0.8007
Pm-148m	4.3346	4.2895	4.5269	4.2576	4.1983	4.4647	4.8859	4.6115
Pm-149	0.0561	0.0542	0.0599	0.0584	0.0528	0.0554	0.0637	0.0619
Pm-150	2.4216	2.3983	2.5172	2.3669	2.3536	2.5064	2.7320	2.5577
Pm-151	1.8638	1.8105	1.9850	1.9219	1.7581	1.8530	2.1066	2.0418
Pm-152m	4.2023	4.1159	4.4326	4.2433	4.0199	4.2567	4.7460	4.5430
Pm-152	0.7777	0.7568	0.8246	0.7948	0.7380	0.7808	0.8797	0.8487
Pm-153	1.2223	1.1617	1.3266	1.3165	1.1169	1.1675	1.3853	1.3818
Pm-154	2.3335	2.2681	2.4588	2.3497	2.2207	2.3631	2.6539	2.5267
Pm-154m	3.9863	3.8862	4.2159	4.0440	3.7936	4.0189	4.5173	4.3339
Po-203	4.4071	4.0868	4.8555	4.8811	3.9284	4.0887	5.0857	5.1435
Po-204	6.4453	5.7453	7.3312	7.6300	5.4734	5.6014	7.5446	7.9336
Po-205	4.1926	3.8982	4.6071	4.6199	3.7557	3.9166	4.8365	4.8736
Po-206	5.1932	4.6729	5.8580	6.0413	4.4504	4.5686	6.0518	6.3084
Po-207	3.8081	3.5451	4.1835	4.1926	3.4146	3.5616	4.3915	4.4236
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0499	0.0388	0.0619	0.0703	0.0370	0.0358	0.0619	0.0712
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0148	0.0146	0.0154	0.0145	0.0143	0.0153	0.0167	0.0157
Po-212m	0.0586	0.0581	0.0607	0.0564	0.0572	0.0612	0.0663	0.0618
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-215	0.0005	0.0005	0.0006	0.0005	0.0005	0.0006	0.0006	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	5.7003	5.6305	5.9605	5.6315	5.4952	5.8347	6.4170	6.0569
Pr-134m	2.6163	2.5817	2.7320	2.5759	2.5214	2.6815	2.9499	2.7824
Pr-135	2.2863	2.2067	2.4332	2.3607	2.1127	2.2287	2.5626	2.4878
Pr-136	2.9667	2.9159	3.1069	2.9370	2.8382	3.0194	3.3413	3.1853
Pr-137	1.0609	1.0057	1.1392	1.1205	0.9478	0.9965	1.1853	1.1656
Pr-138	0.3578	0.3394	0.3837	0.3770	0.3201	0.3368	0.3997	0.3921
Pr-138m	5.0854	4.9857	5.3271	5.0652	4.8467	5.1514	5.7197	5.4215
Pr-139	1.1299	1.0641	1.2188	1.2063	0.9967	1.0458	1.2608	1.2476

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pr-140	0.6025	0.5674	0.6499	0.6433	0.5314	0.5576	0.6723	0.6652
Pr-142	0.0478	0.0475	0.0492	0.0455	0.0469	0.0502	0.0542	0.0498
Pr-142m	0.0209	0.0122	0.0296	0.0375	0.0113	0.0093	0.0283	0.0367
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0296	0.0293	0.0306	0.0285	0.0289	0.0309	0.0334	0.0309
Pr-144m	0.5478	0.4856	0.6205	0.6477	0.4561	0.4681	0.6333	0.6623
Pr-145	0.0448	0.0438	0.0472	0.0451	0.0425	0.0452	0.0506	0.0482
Pr-146	1.4101	1.3981	1.4641	1.3694	1.3730	1.4649	1.5924	1.4949
Pr-147	2.7990	2.6853	2.9953	2.9240	2.5814	2.7229	3.1582	3.0821
Pr-148	1.8276	1.8085	1.9041	1.7956	1.7733	1.8854	2.0602	1.9360
Pr-148m	2.7077	2.6782	2.8327	2.6817	2.6202	2.7775	3.0494	2.8877
Pt-184	7.1775	6.3878	8.2078	8.5959	6.1632	6.3332	8.4617	8.9432
Pt-186	3.5764	3.2344	4.0321	4.1603	3.1298	3.2426	4.1896	4.3441
Pt-187	4.4602	3.9739	5.0906	5.3255	3.8366	3.9519	5.2563	5.5405
Pt-188	3.1664	2.7743	3.6629	3.8833	2.6689	2.7291	3.7557	4.0203
Pt-189	4.1700	3.6715	4.7991	5.0629	3.5394	3.6325	4.9380	5.2536
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.7616	3.3027	4.3408	4.5921	3.1817	3.2648	4.4596	4.7637
Pt-193	0.4773	0.2905	0.6664	0.8311	0.2642	0.2196	0.6353	0.8162
Pt-193m	0.7821	0.5537	1.0224	1.2125	0.5172	0.4780	0.9990	1.2100
Pt-195m	2.7396	2.1875	3.3582	3.7676	2.0723	2.0370	3.3586	3.8249
Pt-197	0.7701	0.6127	0.9458	1.0616	0.5761	0.5618	0.9432	1.0767
Pt-197m	1.8336	1.4597	2.2492	2.5247	1.3780	1.3509	2.2479	2.5613
Pt-199	0.7378	0.6992	0.8022	0.7931	0.6793	0.7109	0.8473	0.8462
Pt-200	1.2922	1.0869	1.5342	1.6692	1.0343	1.0365	1.5527	1.7110
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.5318	1.3727	1.7357	1.7962	1.2691	1.2837	1.7531	1.8487
Pu-234	1.7623	1.5661	2.0074	2.0888	1.4411	1.4519	2.0202	2.1444
Pu-235	2.3922	2.1084	2.7380	2.8633	1.9294	1.9368	2.7457	2.9315
Pu-236	0.2621	0.2061	0.3196	0.3546	0.1724	0.1612	0.3050	0.3522
Pu-237	1.7234	1.4832	2.0019	2.1249	1.3396	1.3295	1.9884	2.1615
Pu-238	0.2420	0.1901	0.2952	0.3276	0.1590	0.1486	0.2816	0.3254
Pu-239	0.1330	0.0984	0.1683	0.1935	0.0841	0.0767	0.1607	0.1915
Pu-240	0.2276	0.1789	0.2776	0.3081	0.1496	0.1399	0.2649	0.3060
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Pu-242	0.1952	0.1534	0.2380	0.2642	0.1283	0.1199	0.2272	0.2624
Pu-243	0.6546	0.5916	0.7363	0.7565	0.5482	0.5594	0.7474	0.7814
Pu-244	0.1898	0.1549	0.2264	0.2463	0.1335	0.1284	0.2198	0.2472
Pu-245	1.7144	1.6313	1.8523	1.8218	1.5580	1.6234	1.9391	1.9211
Pu-246	2.6110	2.3918	2.9058	2.9537	2.2211	2.2732	2.9590	3.0527
Ra-219	1.1119	1.0487	1.2130	1.2084	1.0086	1.0482	1.2708	1.2708
Ra-220	0.0136	0.0134	0.0143	0.0135	0.0130	0.0138	0.0153	0.0148
Ra-221	0.9420	0.7920	1.1150	1.2049	0.7261	0.7157	1.1106	1.2279

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ra-222	0.0431	0.0421	0.0457	0.0441	0.0409	0.0430	0.0487	0.0469
Ra-223	1.9008	1.7044	2.1584	2.2408	1.6163	1.6480	2.2115	2.3244
Ra-224	0.0741	0.0711	0.0799	0.0783	0.0687	0.0718	0.0841	0.0829
Ra-225	0.7227	0.6365	0.8211	0.8545	0.5789	0.5872	0.8260	0.8719
Ra-226	1.3957	1.3846	1.4458	1.3165	1.3638	1.4582	1.5517	1.4330
Ra-227	1.9878	1.6884	2.3231	2.4860	1.5239	1.5074	2.3109	2.5251
Ra-228	1.4696	1.4774	1.5233	1.4002	1.4345	1.5318	1.6238	1.5441
Ra-230	0.9650	0.8656	1.0942	1.1331	0.8147	0.8315	1.1177	1.1755
Rb-77	2.2264	2.1510	2.3829	2.3135	2.0777	2.1963	2.5207	2.4669
Rb-78m	3.3117	3.2728	3.4504	3.2401	3.2085	3.4179	3.7409	3.5201
Rb-78	2.5489	2.4983	2.6631	2.5104	2.4478	2.6065	2.8890	2.7307
Rb-79	2.7186	2.5577	2.9730	2.9538	2.4369	2.5241	3.0949	3.1165
Rb-80	0.3832	0.3762	0.4028	0.3812	0.3665	0.3881	0.4325	0.4092
Rb-81	1.3172	1.1188	1.5387	1.6379	1.0070	0.9966	1.5354	1.6812
Rb-81m	0.9051	0.7246	1.0931	1.1989	0.6045	0.5705	1.0485	1.2007
Rb-82	0.2523	0.2384	0.2721	0.2669	0.2286	0.2393	0.2874	0.2825
Rb-82m	5.0685	4.8261	5.4403	5.2979	4.6410	4.8723	5.7676	5.6445
Rb-83	2.2158	1.9307	2.5473	2.6659	1.7693	1.7780	2.5736	2.7709
Rb-84	1.6296	1.4393	1.8469	1.9116	1.3288	1.3495	1.8846	1.9797
Rb-84m	2.1171	2.0215	2.2859	2.2393	1.9300	2.0122	2.3944	2.3740
Rb-86m	1.2643	1.2502	1.3233	1.2444	1.2217	1.2982	1.4257	1.3612
Rb-86	0.1166	0.1158	0.1203	0.1120	0.1138	0.1222	0.1317	0.1222
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.5192	0.5151	0.5347	0.4958	0.5085	0.5458	0.5877	0.5416
Rb-89	2.2288	2.2123	2.2983	2.1361	2.1791	2.3377	2.5194	2.3315
Rb-90	1.1794	1.1694	1.2137	1.1268	1.1555	1.2402	1.3332	1.2296
Rb-90m	2.7091	2.6816	2.7976	2.6072	2.6414	2.8296	3.0607	2.8372
Re-178	3.6451	3.3390	4.0636	4.1483	3.2492	3.3814	4.2551	4.3513
Re-179	4.4417	4.1202	4.9092	4.9614	4.0071	4.1828	5.1551	5.2269
Re-180	3.8176	3.4680	4.2783	4.3953	3.3713	3.5070	4.4725	4.6011
Re-181	4.4881	4.0854	5.0340	5.1741	3.9644	4.1160	5.2502	5.4075
Re-182	8.7356	8.0473	9.7183	9.8958	7.8213	8.1456	10.1651	10.3831
Re-182m	4.5412	4.1451	5.0775	5.2016	4.0297	4.2040	5.3102	5.4540
Re-183	3.6280	3.1204	4.2473	4.5642	3.0075	3.0607	4.3398	4.6969
Re-184	3.4183	3.1154	3.8229	3.9190	3.0283	3.1537	3.9965	4.1029
Re-184m	3.2841	2.8665	3.8026	4.0410	2.7715	2.8312	3.9090	4.1787
Re-186	0.3994	0.3544	0.4585	0.4827	0.3425	0.3509	0.4711	0.5008
Re-186m	1.5395	1.0512	2.0474	2.4641	0.9857	0.8951	1.9935	2.4471
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4415	0.4106	0.4899	0.4955	0.3987	0.4131	0.5109	0.5221
Re-188m	2.2950	1.8863	2.7672	3.0604	1.8119	1.8138	2.7962	3.1250
Re-189	0.5127	0.4637	0.5800	0.6004	0.4482	0.4607	0.6004	0.6260
Re-190	4.1562	4.0650	4.4037	4.2213	3.9691	4.1934	4.7088	4.5308

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Re-190m	3.7655	3.5464	4.1179	4.1035	3.4517	3.6091	4.3409	4.3470
Rh-100m	1.7301	1.6109	1.8719	1.8492	1.3947	1.4211	1.8450	1.8815
Rh-100	4.1551	4.0330	4.3713	4.1557	3.8199	4.0262	4.6169	4.4438
Rh-101	3.7000	3.5637	3.9622	3.8525	3.3128	3.4386	4.0708	4.0330
Rh-101m	2.3621	2.2487	2.5308	2.4680	2.0530	2.1208	2.5825	2.5622
Rh-102	1.5218	1.4516	1.6267	1.5750	1.3285	1.3791	1.6677	1.6575
Rh-102m	5.2082	5.0750	5.4832	5.2141	4.8252	5.0855	5.7929	5.5688
Rh-103m	0.1547	0.1325	0.1783	0.1887	0.1137	0.1115	0.1726	0.1890
Rh-104	0.0323	0.0316	0.0340	0.0322	0.0303	0.0320	0.0361	0.0348
Rh-104m	1.8595	1.7642	1.9935	1.9498	1.5851	1.6445	2.0122	2.0045
Rh-105	0.3464	0.3424	0.3631	0.3460	0.3342	0.3527	0.3893	0.3696
Rh-106	0.4379	0.4343	0.4569	0.4281	0.4253	0.4528	0.4937	0.4696
Rh-106m	4.8579	4.8180	5.0493	4.7280	4.7252	5.0396	5.4781	5.1541
Rh-107	1.3416	1.3263	1.4066	1.3384	1.2946	1.3675	1.5081	1.4315
Rh-108	0.8363	0.8291	0.8740	0.8221	0.8106	0.8607	0.9424	0.8936
Rh-109	1.5724	1.5468	1.6556	1.5824	1.4933	1.5723	1.7580	1.6849
Rh-94	3.1194	3.0927	3.2248	3.0084	3.0410	3.2523	3.5218	3.2730
Rh-95	2.3205	2.2767	2.4167	2.2745	2.1969	2.3364	2.5979	2.4479
Rh-95m	1.3515	1.3310	1.4140	1.3319	1.2890	1.3677	1.5150	1.4498
Rh-96	5.1756	5.1067	5.3882	5.0589	4.9672	5.2828	5.8070	5.4411
Rh-96m	1.5406	1.4900	1.6211	1.5471	1.4004	1.4738	1.7026	1.6379
Rh-97	2.0942	2.0380	2.2076	2.1052	1.9345	2.0351	2.3291	2.2420
Rh-97m	3.4766	3.3728	3.6696	3.5038	3.1859	3.3478	3.8568	3.7212
Rh-98	1.5407	1.5201	1.6074	1.5096	1.4756	1.5661	1.7272	1.6190
Rh-99	3.4119	3.2504	3.6572	3.5588	2.9726	3.0789	3.7368	3.7155
Rh-99m	2.6030	2.4920	2.7757	2.6887	2.2980	2.3868	2.8587	2.8089
Rn-207	3.2817	3.0875	3.5817	3.5613	2.9720	3.0966	3.7606	3.7560
Rn-209	3.6755	3.4499	4.0163	3.9977	3.3199	3.4594	4.2174	4.2189
Rn-210	0.2783	0.2540	0.3109	0.3169	0.2420	0.2493	0.3220	0.3317
Rn-211	4.5141	4.2546	4.9044	4.8484	4.1021	4.2892	5.1733	5.1346
Rn-212	0.0006	0.0006	0.0007	0.0006	0.0006	0.0007	0.0007	0.0007
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0016	0.0016	0.0017	0.0016	0.0016	0.0017	0.0018	0.0017
Rn-219	0.2931	0.2835	0.3135	0.3046	0.2753	0.2890	0.3327	0.3239
Rn-220	1.5593	1.5471	1.6282	1.5176	1.5153	1.6195	1.7430	1.6390
Rn-222	0.0010	0.0010	0.0011	0.0010	0.0010	0.0010	0.0011	0.0011
Rn-223	1.9760	1.7194	2.2818	2.4075	1.6072	1.6184	2.3151	2.4800
Ru-103	1.2778	1.2656	1.3368	1.2563	1.2370	1.3162	1.4407	1.3894
Ru-105	1.9244	1.8930	2.0169	1.9106	1.8291	1.9350	2.1522	2.0482
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7710	0.7633	0.8055	0.7597	0.7447	0.7909	0.8669	0.8201

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ru-108	0.7506	0.7319	0.8009	0.7733	0.6989	0.7297	0.8362	0.8207
Ru-92	7.4149	7.1448	7.9121	7.6566	6.6957	6.9877	8.2087	8.0482
Ru-94	2.5056	2.3779	2.6894	2.6201	2.1751	2.2497	2.7548	2.7280
Ru-95	3.1153	2.9967	3.3096	3.1885	2.8049	2.9306	3.4518	3.3569
Ru-97	2.6446	2.5137	2.8504	2.7866	2.2977	2.3710	2.9043	2.8958
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.1635	1.1533	1.1902	1.0957	1.1462	1.2358	1.3190	1.2044
S-38	1.1058	1.0964	1.1366	1.0489	1.0856	1.1675	1.2552	1.1492
Sb-111	2.4229	2.3852	2.5526	2.4356	2.3023	2.4277	2.7099	2.6156
Sb-113	1.8726	1.8373	1.9662	1.8733	1.7583	1.8592	2.0888	2.0216
Sb-114	2.2691	2.2410	2.3486	2.2013	2.1838	2.3318	2.5512	2.3797
Sb-115	2.0984	2.0477	2.2095	2.1173	1.9341	2.0383	2.3264	2.2709
Sb-116	2.2376	2.1970	2.3242	2.1947	2.1124	2.2476	2.4996	2.3523
Sb-116m	6.3975	6.2793	6.6933	6.3679	6.0250	6.3826	7.1393	6.8060
Sb-117	2.6869	2.6073	2.8550	2.7757	2.4317	2.5344	2.9561	2.9028
Sb-118	0.3668	0.3509	0.3889	0.3815	0.3158	0.3283	0.3974	0.3918
Sb-118m	6.5115	6.3724	6.8123	6.5003	6.0623	6.4160	7.2289	6.8941
Sb-119	1.4667	1.3746	1.5806	1.5832	1.2138	1.2467	1.5886	1.6053
Sb-120	0.7178	0.6832	0.7638	0.7543	0.6068	0.6278	0.7732	0.7685
Sb-120m	6.7398	6.6223	7.0693	6.7432	6.3528	6.7264	7.5211	7.1876
Sb-122m	2.3410	2.2339	2.5134	2.4817	2.0820	2.1892	2.5981	2.5805
Sb-122	0.9990	0.9898	1.0429	0.9789	0.9664	1.0276	1.1241	1.0672
Sb-124	2.4065	2.3881	2.4954	2.3266	2.3457	2.5031	2.7150	2.5273
Sb-124m	1.0129	0.9815	1.0781	1.0367	0.9592	1.0127	1.1539	1.1180
Sb-124n	0.0727	0.0425	0.1033	0.1306	0.0395	0.0323	0.0986	0.1281
Sb-125	1.9874	1.9375	2.0944	2.0097	1.8334	1.9308	2.2028	2.1232
Sb-126	5.5316	5.4869	5.7579	5.3991	5.3745	5.7183	6.2266	5.8237
Sb-126m	3.3405	3.3094	3.4845	3.2743	3.2395	3.4421	3.7629	3.5286
Sb-127	1.6071	1.5904	1.6774	1.5794	1.5529	1.6507	1.8071	1.7072
Sb-128	6.1309	6.0774	6.3800	5.9914	5.9554	6.3380	6.9005	6.4684
Sb-128m	3.9843	3.9458	4.1477	3.9066	3.8665	4.1114	4.4832	4.2022
Sb-129	2.1441	2.1266	2.2225	2.0782	2.0884	2.2313	2.4175	2.2575
Sb-130m	4.6621	4.6199	4.8440	4.5469	4.5266	4.8277	5.2475	4.9163
Sb-130	6.7474	6.6820	7.0317	6.6258	6.5383	6.9530	7.5912	7.1452
Sb-131	2.7075	2.6857	2.8037	2.6182	2.6379	2.8201	3.0542	2.8419
Sb-133	2.8414	2.8193	2.9330	2.7300	2.7762	2.9741	3.2106	2.9757
Sc-42m	3.9115	3.8804	4.0473	3.7756	3.8166	4.0791	4.4216	4.1210
Sc-43	0.3166	0.3075	0.3372	0.3263	0.3002	0.3156	0.3603	0.3477
Sc-44	1.3496	1.3370	1.3940	1.2999	1.3160	1.4112	1.5272	1.4177
Sc-44m	1.2832	1.2608	1.3537	1.2963	1.2336	1.3024	1.4480	1.3855
Sc-46	2.6448	2.6255	2.7313	2.5461	2.5818	2.7678	2.9852	2.7723
Sc-47	1.0832	1.0716	1.1486	1.0978	1.0466	1.0986	1.2174	1.1798
Sc-48	4.1370	4.1083	4.2704	3.9767	4.0409	4.3337	4.6737	4.3384

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sc-49	0.0008	0.0008	0.0008	0.0007	0.0008	0.0008	0.0009	0.0008
Sc-50	3.7860	3.7574	3.9150	3.6457	3.6964	3.9565	4.2797	3.9981
Se-70	3.0868	2.4810	3.7589	4.1925	2.3453	2.2976	3.7705	4.2527
Se-71	1.5491	1.5123	1.6432	1.5796	1.4794	1.5608	1.7555	1.6957
Se-72	2.1682	1.6375	2.7315	3.1441	1.5237	1.4536	2.6953	3.1467
Se-73	2.8406	2.6155	3.1611	3.2194	2.5318	2.6313	3.3015	3.3746
Se-73m	0.4530	0.3637	0.5517	0.6144	0.3409	0.3331	0.5517	0.6241
Se-75	3.7036	3.2647	4.2622	4.4977	3.1421	3.1839	4.3732	4.6545
Se-77m	1.2861	1.1265	1.4896	1.5749	1.0692	1.0742	1.5142	1.6281
Se-79m	0.9221	0.6545	1.2000	1.4145	0.5858	0.5305	1.1583	1.4063
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0260	0.0257	0.0272	0.0258	0.0251	0.0266	0.0292	0.0278
Se-81m	0.9793	0.7110	1.2606	1.4729	0.6413	0.5887	1.2225	1.4685
Se-83m	1.3221	1.3118	1.3697	1.2797	1.2888	1.3778	1.4927	1.3896
Se-83	4.4359	4.3959	4.6177	4.3374	4.3120	4.5917	5.0036	4.7066
Se-84	1.3403	1.3285	1.4025	1.3238	1.2988	1.3760	1.5114	1.4292
Si-31	0.0009	0.0009	0.0009	0.0009	0.0009	0.0010	0.0010	0.0010
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.3645	2.3108	2.4953	2.3905	2.2493	2.3800	2.6674	2.5531
Sm-140	1.9086	1.8238	2.0487	2.0075	1.7543	1.8480	2.1587	2.1133
Sm-141	2.1502	2.0977	2.2679	2.1691	2.0388	2.1608	2.4293	2.3228
Sm-141m	4.4351	4.3368	4.6800	4.4761	4.2139	4.4654	5.0018	4.7869
Sm-142	1.1358	1.0604	1.2379	1.2380	1.0060	1.0546	1.2865	1.2840
Sm-143	0.7222	0.6773	0.7842	0.7806	0.6444	0.6767	0.8179	0.8122
Sm-143m	1.2532	1.2352	1.3067	1.2322	1.2098	1.2888	1.4122	1.3247
Sm-145	2.3401	2.1926	2.5456	2.5397	2.0839	2.1893	2.6492	2.6391
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0022	0.0015	0.0030	0.0037	0.0014	0.0012	0.0029	0.0036
Sm-153	1.5404	1.4604	1.6719	1.6599	1.4082	1.4792	1.7524	1.7387
Sm-155	1.5382	1.5010	1.6424	1.5955	1.4636	1.5407	1.7369	1.6935
Sm-156	1.4515	1.3610	1.5975	1.6058	1.3154	1.3677	1.6678	1.6852
Sm-157	2.1696	2.1290	2.2992	2.2075	2.0687	2.1848	2.4451	2.3546
Sn-106	3.8177	3.7298	4.0165	3.8507	3.5340	3.7203	4.2305	4.0747
Sn-108	3.8307	3.7356	4.0437	3.8927	3.5247	3.6966	4.2375	4.0967
Sn-109	3.3638	3.2890	3.5120	3.3378	3.1269	3.3102	3.7363	3.5527
Sn-110	2.5331	2.4551	2.6798	2.5983	2.2881	2.3908	2.7847	2.7115
Sn-111	1.0007	0.9560	1.0617	1.0391	0.8570	0.8892	1.0814	1.0675
Sn-113	1.1902	1.1285	1.2697	1.2545	0.9920	1.0216	1.2749	1.2749
Sn-113m	0.8275	0.7788	0.8889	0.8873	0.6893	0.7095	0.8954	0.9008
Sn-117m	2.4877	2.4132	2.6485	2.5767	2.2630	2.3585	2.7475	2.7011
Sn-119m	0.9867	0.9091	1.0784	1.0963	0.8022	0.8181	1.0792	1.1085

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3113	0.2817	0.3456	0.3563	0.2534	0.2584	0.3476	0.3609
Sn-123	0.0086	0.0085	0.0089	0.0082	0.0084	0.0090	0.0097	0.0090
Sn-123m	1.5317	1.5090	1.6247	1.5585	1.4597	1.5305	1.7137	1.6647
Sn-125m	1.3935	1.3784	1.4596	1.3886	1.3460	1.4221	1.5674	1.4849
Sn-125	0.4376	0.4343	0.4525	0.4222	0.4269	0.4572	0.4940	0.4597
Sn-126	1.4866	1.4094	1.6109	1.6022	1.3258	1.3833	1.6668	1.6697
Sn-127m	1.2714	1.2600	1.3279	1.2466	1.2337	1.3137	1.4349	1.3784
Sn-127	2.8281	2.8017	2.9361	2.7525	2.7447	2.9301	3.1871	2.9883
Sn-128	4.2668	4.1365	4.5099	4.3632	3.8576	4.0532	4.6974	4.5802
Sn-129	1.6619	1.6494	1.7263	1.6136	1.6171	1.7229	1.8716	1.7417
Sn-130	4.0093	3.9408	4.2179	4.0312	3.7834	4.0011	4.4707	4.2870
Sn-130m	2.4688	2.4217	2.5906	2.4725	2.3228	2.4590	2.7518	2.6317
Sr-79	1.8554	1.7335	2.0327	2.0284	1.6217	1.6755	2.0939	2.1167
Sr-80	1.8696	1.6513	2.1269	2.1998	1.4902	1.4967	2.1373	2.2681
Sr-81	2.2843	2.2177	2.4423	2.3625	2.1404	2.2419	2.5767	2.5239
Sr-82	1.0358	0.8072	1.2684	1.4078	0.6541	0.6030	1.2016	1.4009
Sr-83	2.4137	2.0932	2.7707	2.8971	1.8656	1.8595	2.7670	2.9661
Sr-85	2.2759	2.0319	2.5688	2.6331	1.8503	1.8745	2.6016	2.7545
Sr-85m	1.6496	1.5858	1.7778	1.7391	1.5251	1.5918	1.8658	1.8405
Sr-87m	1.2730	1.2260	1.3617	1.3202	1.1733	1.2268	1.4376	1.3992
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.0708	1.0628	1.1091	1.0359	1.0435	1.1158	1.2072	1.1237
Sr-92	1.3497	1.3391	1.3908	1.2928	1.3196	1.4142	1.5267	1.4113
Sr-93	3.6056	3.5482	3.7702	3.5556	3.4583	3.6738	4.0637	3.8400
Sr-94	1.3464	1.3362	1.3859	1.2861	1.3178	1.4127	1.5234	1.4047
Ta-170	1.9259	1.7419	2.1718	2.2458	1.6904	1.7494	2.2588	2.3401
Ta-172	4.1408	3.8573	4.5548	4.5809	3.7553	3.9298	4.7988	4.8259
Ta-173	3.5436	3.1554	4.0419	4.2308	3.0526	3.1511	4.1799	4.3886
Ta-174	3.4343	3.1378	3.8464	3.9452	3.0435	3.1602	4.0101	4.1215
Ta-175	4.5373	4.2061	5.0154	5.0744	4.0886	4.2778	5.2638	5.3288
Ta-176	4.2733	3.9620	4.7008	4.7294	3.8638	4.0514	4.9689	4.9909
Ta-177	1.7468	1.5454	2.0034	2.1113	1.4923	1.5411	2.0639	2.1813
Ta-178	1.8235	1.6000	2.1021	2.2271	1.5447	1.5910	2.1628	2.2977
Ta-178m	8.3253	7.8572	9.1025	9.0893	7.6448	7.9995	9.5825	9.5847
Ta-179	0.9479	0.7872	1.1335	1.2452	0.7558	0.7617	1.1493	1.2699
Ta-180	1.5010	1.3118	1.7360	1.8453	1.2654	1.3015	1.7828	1.9012
Ta-182	3.6544	3.4211	4.0033	4.0070	3.3367	3.5034	4.2290	4.2393
Ta-182m	4.3077	3.7996	4.9647	5.2447	3.6717	3.7491	5.1010	5.4294
Ta-183	3.9752	3.5131	4.5669	4.8142	3.3972	3.4800	4.7036	4.9838
Ta-184	5.5867	5.2793	6.0819	6.0388	5.1473	5.3879	6.4326	6.3992
Ta-185	2.2333	1.9593	2.5835	2.7386	1.8922	1.9289	2.6513	2.8338

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ta-186	5.1175	4.9556	5.4741	5.3135	4.8348	5.0921	5.8219	5.6766
Tb-146	2.9764	2.9288	3.0925	2.9054	2.8777	3.0766	3.3738	3.1530
Tb-147m	2.2168	2.1369	2.3475	2.2621	2.0846	2.2150	2.5246	2.4159
Tb-147	3.8524	3.7447	4.0734	3.9114	3.6531	3.8762	4.3675	4.1835
Tb-148m	6.3446	6.2233	6.6625	6.3336	6.0807	6.4583	7.1688	6.7905
Tb-148	2.8102	2.7443	2.9516	2.8097	2.6841	2.8570	3.1826	3.0204
Tb-149m	2.9504	2.8522	3.1332	3.0260	2.7761	2.9408	3.3454	3.2153
Tb-149	3.5594	3.4452	3.7864	3.6614	3.3519	3.5430	4.0377	3.8953
Tb-150m	6.4770	6.3392	6.8314	6.5156	6.1826	6.5523	7.3218	6.9910
Tb-150	3.3800	3.2820	3.5714	3.4209	3.2025	3.4000	3.8353	3.6600
Tb-151	4.8371	4.6515	5.1854	5.0613	4.5141	4.7566	5.4946	5.3626
Tb-151m	1.1514	0.9108	1.4143	1.5940	0.8653	0.8469	1.4173	1.6085
Tb-152m	4.3625	4.1570	4.7133	4.6464	4.0328	4.2363	4.9794	4.9050
Tb-152	3.1856	3.0796	3.3864	3.2766	2.9969	3.1695	3.6162	3.4836
Tb-153	3.2162	3.0292	3.5097	3.5018	2.9245	3.0626	3.6800	3.6700
Tb-154	3.8267	3.6780	4.0791	3.9587	3.5825	3.7939	4.3568	4.2125
Tb-155	3.2540	3.0641	3.5560	3.5549	2.9595	3.0984	3.7231	3.7221
Tb-156	5.5707	5.3610	5.9559	5.7924	5.2128	5.5066	6.3410	6.1709
Tb-156m	1.0937	1.0565	1.1680	1.1399	1.0214	1.0873	1.2362	1.1932
Tb-156n	0.3194	0.2248	0.4183	0.4978	0.2124	0.1963	0.4101	0.4954
Tb-157	0.3495	0.2613	0.4431	0.5136	0.2472	0.2360	0.4388	0.5139
Tb-158	2.9496	2.7748	3.2084	3.1909	2.6878	2.8248	3.3859	3.3585
Tb-160	2.4838	2.4003	2.6419	2.5565	2.3462	2.4838	2.8311	2.7312
Tb-161	1.4126	1.2556	1.6037	1.6811	1.1793	1.2085	1.6374	1.7198
Tb-162	3.1808	3.0942	3.3734	3.2499	3.0251	3.1995	3.6087	3.4715
Tb-163	2.6600	2.6118	2.8052	2.6768	2.5517	2.6993	3.0089	2.8849
Tb-164	5.2509	5.1167	5.5576	5.3303	5.0036	5.2969	5.9594	5.7118
Tb-165	1.2115	1.1576	1.2968	1.2627	1.1338	1.1978	1.3923	1.3537
Tc-101	1.4686	1.4514	1.5407	1.4671	1.4168	1.4963	1.6508	1.5702
Tc-102m	3.2959	3.2690	3.4212	3.1948	3.2102	3.4270	3.7215	3.4918
Tc-102	0.1521	0.1508	0.1585	0.1486	0.1478	0.1574	0.1716	0.1628
Tc-104	3.2000	3.1709	3.3274	3.1229	3.1113	3.3124	3.6101	3.3862
Tc-105	2.6998	2.6463	2.8506	2.7245	2.5524	2.6891	3.0218	2.9115
Tc-91	1.2369	1.2184	1.2807	1.1956	1.1913	1.2725	1.3950	1.2992
Tc-91m	0.8875	0.8751	0.9288	0.8743	0.8516	0.9053	0.9996	0.9614
Tc-92	5.5497	5.4638	5.8133	5.5087	5.3168	5.6300	6.2370	5.9177
Tc-93	2.3256	2.2012	2.4846	2.4052	2.0270	2.1096	2.5750	2.5243
Tc-93m	1.5881	1.5308	1.6843	1.6165	1.4421	1.5101	1.7675	1.7098
Tc-94	5.0406	4.8923	5.3093	5.0581	4.6615	4.9184	5.6253	5.3820
Tc-94m	1.8433	1.7930	1.9341	1.8358	1.7162	1.8170	2.0615	1.9626
Tc-95	2.3992	2.2603	2.5817	2.5185	2.0623	2.1337	2.6437	2.6199
Tc-95m	3.0582	2.9157	3.2846	3.1935	2.6963	2.7982	3.3830	3.3435
Tc-96	4.9899	4.8298	5.2627	5.0262	4.5887	4.8359	5.5628	5.3376

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-96m	0.6479	0.5836	0.7182	0.7245	0.4947	0.4943	0.6991	0.7316
Tc-97	1.0744	0.9516	1.2045	1.2255	0.7842	0.7720	1.1552	1.2272
Tc-97m	0.8348	0.7487	0.9275	0.9374	0.6234	0.6187	0.8934	0.9413
Tc-98	2.5510	2.5310	2.6509	2.4805	2.4815	2.6431	2.8702	2.6725
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.5412	1.5103	1.6424	1.5862	1.4597	1.5280	1.7245	1.6904
Te-113	1.5234	1.5061	1.5773	1.4760	1.4717	1.5725	1.7145	1.5979
Te-114	3.3676	3.2551	3.5621	3.4484	3.0630	3.2207	3.7358	3.6223
Te-115	2.4680	2.4312	2.5685	2.4230	2.3541	2.5037	2.7652	2.6013
Te-115m	2.8087	2.7653	2.9189	2.7496	2.6770	2.8506	3.1466	2.9548
Te-116	2.4683	2.3642	2.6300	2.5837	2.1620	2.2517	2.6975	2.6639
Te-117	2.3501	2.2949	2.4585	2.3433	2.1815	2.3082	2.6093	2.4820
Te-118	1.1511	1.0924	1.2281	1.2147	0.9741	1.0089	1.2436	1.2373
Te-119	2.4536	2.3859	2.5821	2.4799	2.2409	2.3571	2.7086	2.5996
Te-119m	4.1518	4.0630	4.3630	4.1743	3.8813	4.0958	4.6213	4.4342
Te-121	2.4619	2.3913	2.5969	2.4997	2.2420	2.3570	2.7183	2.6402
Te-121m	2.1547	2.0866	2.2955	2.2335	1.9706	2.0637	2.3955	2.3414
Te-123	0.0650	0.0387	0.0916	0.1153	0.0359	0.0297	0.0876	0.1131
Te-123m	2.1406	2.0709	2.2893	2.2312	1.9649	2.0505	2.3847	2.3478
Te-125m	1.9584	1.8509	2.0980	2.0790	1.6680	1.7318	2.1323	2.1228
Te-127	0.0184	0.0182	0.0193	0.0183	0.0176	0.0187	0.0207	0.0197
Te-127m	0.6360	0.5895	0.6926	0.6990	0.5314	0.5477	0.7008	0.7112
Te-129	0.4745	0.4347	0.5245	0.5345	0.4036	0.4154	0.5375	0.5521
Te-129m	0.5115	0.4802	0.5518	0.5502	0.4364	0.4523	0.5627	0.5633
Te-131	1.9139	1.8865	2.0191	1.9273	1.8311	1.9309	2.1455	2.0690
Te-131m	3.1121	3.0665	3.2515	3.0793	2.9793	3.1649	3.4911	3.3020
Te-132	2.7279	2.6535	2.8888	2.7926	2.5111	2.6417	3.0230	2.9287
Te-133	2.2852	2.2630	2.3801	2.2431	2.2167	2.3561	2.5748	2.4190
Te-133m	3.4801	3.4346	3.6283	3.4231	3.3448	3.5589	3.9102	3.6852
Te-134	3.2808	3.2308	3.4483	3.2834	3.1264	3.3091	3.6750	3.5131
Th-223	1.7904	1.5654	2.0660	2.1783	1.4522	1.4593	2.0832	2.2377
Th-224	0.2568	0.2381	0.2849	0.2876	0.2254	0.2314	0.2934	0.3005
Th-226	0.2522	0.2103	0.2991	0.3237	0.1884	0.1841	0.2949	0.3277
Th-227	2.1661	1.8321	2.5434	2.7290	1.6619	1.6425	2.5315	2.7731
Th-228	0.2362	0.1837	0.2910	0.3260	0.1576	0.1477	0.2801	0.3251
Th-229	3.0576	2.5418	3.6369	3.9496	2.2979	2.2510	3.5987	4.0038
Th-230	1.4762	1.4755	1.5194	1.4194	1.4337	1.5349	1.6182	1.5070
Th-231	1.9825	1.5917	2.3932	2.6386	1.3690	1.3051	2.3144	2.6365
Th-232	1.2612	1.2537	1.2860	1.1983	1.2358	1.3200	1.4360	1.2966
Th-233	0.5265	0.4277	0.6348	0.7000	0.3901	0.3798	0.6284	0.7076
Th-234	0.3890	0.3314	0.4550	0.4862	0.2995	0.2978	0.4520	0.4948
Th-235	0.1505	0.1451	0.1608	0.1557	0.1404	0.1476	0.1707	0.1660
Th-236	0.3593	0.3195	0.4090	0.4250	0.2957	0.2987	0.4137	0.4377

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-44	2.8117	2.7204	3.0252	2.9612	2.6582	2.8262	3.2055	3.1604
Ti-45	0.0259	0.0169	0.0352	0.0431	0.0159	0.0140	0.0342	0.0427
Ti-51	1.3991	1.3848	1.4644	1.3923	1.3551	1.4327	1.5748	1.4905
Ti-52	2.0025	1.8970	2.1875	2.1796	1.8096	1.8728	2.2615	2.2880
Ti-190	2.2218	2.1127	2.4063	2.3699	2.0530	2.1542	2.5492	2.5203
Ti-190m	5.4668	5.2727	5.8435	5.6658	5.1392	5.4187	6.2315	6.0509
Ti-194	2.5104	2.3389	2.7661	2.7788	2.2642	2.3609	2.9031	2.9345
Ti-194m	7.3866	6.9953	8.0212	7.9238	6.7934	7.1167	8.4794	8.4038
Ti-195	3.7673	3.3358	4.2986	4.4924	3.2046	3.2873	4.4434	4.6760
Ti-196	3.9563	3.7259	4.3082	4.2728	3.6216	3.7977	4.5606	4.5379
Ti-197	2.9116	2.6146	3.3017	3.4268	2.5151	2.5916	3.4142	3.5751
Ti-198	4.3590	4.0989	4.7505	4.7172	3.9840	4.1770	5.0283	5.0041
Ti-198m	5.1812	4.7782	5.7509	5.8235	4.6121	4.7825	6.0090	6.1203
Ti-199	2.8535	2.5460	3.2552	3.3994	2.4440	2.5097	3.3527	3.5371
Ti-200	4.1097	3.8449	4.5033	4.5043	3.7298	3.8982	4.7460	4.7584
Ti-201	2.4306	2.0849	2.8502	3.0621	1.9867	2.0101	2.8974	3.1534
Ti-202	2.9090	2.6630	3.2524	3.3214	2.5693	2.6633	3.3877	3.4943
Ti-204	0.0396	0.0332	0.0471	0.0513	0.0315	0.0317	0.0476	0.0525
Ti-206m	7.1587	6.9592	7.6098	7.3307	6.7834	7.1617	8.1257	7.8589
Ti-206	0.0018	0.0016	0.0021	0.0023	0.0015	0.0016	0.0022	0.0023
Ti-207	0.0036	0.0035	0.0037	0.0035	0.0035	0.0037	0.0040	0.0038
Ti-208	3.0782	3.0315	3.2080	3.0118	2.9802	3.1786	3.4858	3.2830
Ti-209	4.3520	4.2506	4.6047	4.4145	4.1575	4.3983	4.9359	4.7642
Ti-210	4.5747	4.3999	4.8726	4.7192	4.2869	4.5231	5.2143	5.0403
Tm-161	5.9214	5.5333	6.4984	6.5292	5.3622	5.6211	6.8240	6.8343
Tm-162	2.9864	2.8289	3.2286	3.1862	2.7594	2.9094	3.4327	3.3711
Tm-163	4.8540	4.5803	5.2790	5.2485	4.4516	4.6853	5.5780	5.5254
Tm-164	1.4026	1.2909	1.5549	1.5810	1.2508	1.3071	1.6289	1.6486
Tm-165	3.8362	3.6083	4.1900	4.1863	3.4994	3.6714	4.4083	4.3916
Tm-166	4.4770	4.2265	4.8573	4.8105	4.1177	4.3337	5.1526	5.0810
Tm-167	2.5567	2.3243	2.8729	2.9620	2.2426	2.3253	2.9813	3.0694
Tm-168	5.0247	4.7655	5.4545	5.4005	4.6340	4.8661	5.7639	5.7006
Tm-170	0.1333	0.1113	0.1591	0.1743	0.1072	0.1077	0.1616	0.1780
Tm-171	0.0208	0.0182	0.0241	0.0256	0.0175	0.0180	0.0247	0.0263
Tm-172	0.9087	0.8279	1.0126	1.0337	0.8070	0.8394	1.0662	1.0863
Tm-173	1.4472	1.4126	1.5348	1.4748	1.3785	1.4554	1.6427	1.5772
Tm-174	6.1136	5.8945	6.5494	6.3810	5.7537	6.0574	6.9737	6.7988
Tm-175	2.4598	2.3947	2.6042	2.4967	2.3421	2.4847	2.7971	2.6997
Tm-176	4.3526	4.1722	4.6750	4.5692	4.0751	4.2939	4.9835	4.8679
U-227	1.7798	1.5836	2.0255	2.1050	1.4691	1.4854	2.0513	2.1682
U-228	0.2648	0.2145	0.3183	0.3486	0.1855	0.1775	0.3086	0.3494
U-230	0.2826	0.2211	0.3460	0.3852	0.1866	0.1745	0.3312	0.3833
U-231	3.7001	3.1002	4.3647	4.7047	2.7478	2.6874	4.2908	4.7531

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-232	0.2640	0.2044	0.3252	0.3639	0.1712	0.1588	0.3102	0.3613
U-233	0.1383	0.1059	0.1715	0.1933	0.0891	0.0824	0.1637	0.1918
U-234	1.4358	1.4459	1.4853	1.3693	1.3881	1.4929	1.5683	1.4251
U-235	1.7456	1.7333	1.8338	1.7016	1.6877	1.7818	1.9122	1.8519
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.2177	0.1679	0.2686	0.3011	0.1403	0.1299	0.2559	0.2987
U-237	3.2395	2.8789	3.6874	3.8362	2.6532	2.6867	3.7188	3.9401
U-238	1.2923	1.2945	1.3027	1.2071	1.2610	1.3548	1.4300	1.3279
U-239	1.0891	1.0124	1.2019	1.2095	0.9555	0.9938	1.2398	1.2648
U-240	0.7211	0.5729	0.8760	0.9699	0.4911	0.4650	0.8439	0.9675
U-242	0.3618	0.3457	0.3909	0.3840	0.3308	0.3485	0.4091	0.4059
V-47	0.0149	0.0123	0.0178	0.0196	0.0119	0.0118	0.0182	0.0201
V-48	2.8648	2.8080	2.9889	2.8229	2.7610	2.9498	3.2576	3.0632
V-49	0.1795	0.1049	0.2551	0.3225	0.0976	0.0797	0.2434	0.3162
V-50	1.4306	1.3589	1.5304	1.4911	1.3357	1.4108	1.6521	1.5986
V-52	1.3061	1.2963	1.3432	1.2455	1.2790	1.3719	1.4785	1.3618
V-53	1.3783	1.3693	1.4232	1.3257	1.3457	1.4441	1.5566	1.4468
W-177	6.0751	5.5426	6.8132	7.0006	5.3793	5.5837	7.0953	7.3185
W-178	0.7350	0.5672	0.9186	1.0504	0.5411	0.5270	0.9161	1.0595
W-179	2.1015	1.7695	2.4861	2.7054	1.6868	1.7059	2.5204	2.7609
W-179m	1.3108	1.1301	1.5314	1.6431	1.0896	1.1133	1.5667	1.6918
W-181	1.3463	1.1496	1.5819	1.7080	1.1070	1.1294	1.6148	1.7531
W-185m	1.3012	0.9109	1.7125	2.0433	0.8603	0.7908	1.6750	2.0370
W-185	0.0012	0.0010	0.0013	0.0014	0.0010	0.0010	0.0014	0.0014
W-187	1.6782	1.5962	1.8194	1.7948	1.5564	1.6388	1.9257	1.9112
W-188	0.0161	0.0148	0.0181	0.0186	0.0143	0.0148	0.0188	0.0194
W-190	3.0236	2.6999	3.4545	3.6159	2.6121	2.6929	3.5617	3.7605
Xe-120	3.3866	3.2595	3.5981	3.5066	3.0313	3.1766	3.7307	3.6509
Xe-121	2.3249	2.2662	2.4476	2.3475	2.1640	2.2857	2.5893	2.4874
Xe-122	1.4634	1.3967	1.5600	1.5308	1.2814	1.3382	1.6023	1.5775
Xe-123	2.5857	2.5100	2.7421	2.6539	2.3744	2.4920	2.8667	2.7900
Xe-125	3.1625	3.0634	3.3565	3.2558	2.8783	3.0208	3.4956	3.4051
Xe-127	3.1827	3.0958	3.3770	3.2677	2.9254	3.0699	3.5277	3.4300
Xe-127m	2.5701	2.4978	2.7400	2.6642	2.3878	2.5035	2.8651	2.8089
Xe-129m	2.2014	2.0856	2.3580	2.3255	1.9123	1.9977	2.4163	2.3894
Xe-131m	0.9324	0.8748	1.0067	1.0021	0.8008	0.8331	1.0281	1.0270
Xe-133	1.3483	1.2966	1.4397	1.4058	1.2255	1.2910	1.5008	1.4708
Xe-133m	1.0530	0.9980	1.1296	1.1147	0.9205	0.9610	1.1606	1.1485
Xe-135	1.4046	1.3843	1.4783	1.4099	1.3502	1.4272	1.5777	1.5067
Xe-135m	1.2340	1.2136	1.2954	1.2270	1.1746	1.2464	1.3850	1.3364
Xe-137	0.4538	0.4497	0.4741	0.4460	0.4400	0.4678	0.5119	0.4879
Xe-138	1.8105	1.7449	1.9301	1.8680	1.7064	1.8002	2.0670	1.9994
Y-81	2.2862	2.1168	2.5322	2.5544	1.9802	2.0329	2.5934	2.6639

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Y-83	1.6149	1.4567	1.7998	1.8262	1.3143	1.3378	1.8197	1.8844
Y-83m	1.4705	1.3915	1.5935	1.5673	1.3112	1.3605	1.6559	1.6499
Y-84m	4.3330	4.2816	4.4985	4.2167	4.1944	4.4812	4.8888	4.5717
Y-85	1.2720	1.1918	1.3860	1.3673	1.1181	1.1606	1.4402	1.4594
Y-85m	1.4376	1.3384	1.5687	1.5540	1.2518	1.2961	1.6279	1.6326
Y-86	4.9083	4.7296	5.2057	4.9964	4.5467	4.7974	5.5498	5.3429
Y-86m	1.5580	1.5282	1.6575	1.5950	1.4786	1.5539	1.7534	1.6986
Y-87	2.2310	2.0065	2.5029	2.5480	1.8186	1.8444	2.5315	2.6600
Y-87m	1.2592	1.2122	1.3464	1.3048	1.1546	1.2059	1.4171	1.3800
Y-88	3.5816	3.3482	3.8772	3.8101	3.1503	3.2835	4.0620	4.0213
Y-89m	1.3151	1.3039	1.3611	1.2720	1.2800	1.3706	1.4830	1.3817
Y-90	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002
Y-90m	2.8000	2.7592	2.9580	2.8180	2.6746	2.8233	3.1491	3.0427
Y-91	0.0034	0.0034	0.0035	0.0033	0.0034	0.0036	0.0039	0.0036
Y-91m	1.2594	1.2406	1.3220	1.2473	1.2071	1.2803	1.4191	1.3604
Y-92	0.3486	0.3459	0.3608	0.3368	0.3398	0.3637	0.3935	0.3672
Y-93	0.1813	0.1792	0.1892	0.1786	0.1756	0.1866	0.2043	0.1924
Y-94	1.0295	1.0218	1.0647	0.9934	1.0042	1.0755	1.1617	1.0814
Y-95	0.7809	0.7747	0.8037	0.7448	0.7651	0.8215	0.8838	0.8149
Yb-162	3.1290	2.9139	3.4597	3.5001	2.8259	2.9444	3.6129	3.6615
Yb-163	2.3099	2.0818	2.6039	2.6951	2.0156	2.0897	2.7098	2.7988
Yb-164	1.4411	1.3017	1.6241	1.6827	1.2552	1.3054	1.6842	1.7376
Yb-165	3.7709	3.3051	4.3469	4.6067	3.1887	3.2717	4.4747	4.7430
Yb-166	2.6899	2.4362	3.0279	3.1323	2.3518	2.4471	3.1422	3.2390
Yb-167	5.5573	5.0490	6.2564	6.4654	4.8860	5.0603	6.4876	6.7066
Yb-169	6.1314	5.6720	6.8081	6.9280	5.4913	5.7359	7.0999	7.2229
Yb-175	0.2368	0.2267	0.2557	0.2517	0.2209	0.2320	0.2707	0.2663
Yb-177	0.8572	0.8207	0.9263	0.9116	0.8002	0.8410	0.9792	0.9678
Yb-178	0.1648	0.1573	0.1779	0.1751	0.1532	0.1605	0.1888	0.1853
Yb-179	2.5766	2.5223	2.7220	2.5974	2.4652	2.6106	2.9187	2.7932
Zn-60	1.5840	1.5461	1.6773	1.6091	1.5114	1.6041	1.7952	1.7196
Zn-61	0.5900	0.5812	0.6150	0.5780	0.5715	0.6096	0.6692	0.6315
Zn-62	1.8470	1.5586	2.1789	2.3564	1.4986	1.5060	2.2257	2.4268
Zn-63	0.2639	0.2438	0.2906	0.2923	0.2380	0.2481	0.3077	0.3085
Zn-65	1.2859	1.0285	1.5629	1.7426	0.9928	0.9806	1.5904	1.7808
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.2662	1.2404	1.3384	1.2778	1.2123	1.2816	1.4366	1.3848
Zn-71	0.6929	0.6864	0.7236	0.6805	0.6726	0.7162	0.7818	0.7465
Zn-71m	3.9136	3.8792	4.0901	3.8492	3.7970	4.0323	4.4119	4.1818
Zn-72	2.5456	2.1735	3.0011	3.2399	2.0822	2.0788	3.0428	3.3288
Zr-85	1.2482	1.2222	1.3145	1.2495	1.1840	1.2518	1.4073	1.3496
Zr-86	3.7552	3.3969	4.1882	4.2479	3.0240	3.0552	4.1892	4.3519
Zr-87	0.2898	0.2556	0.3270	0.3352	0.2234	0.2235	0.3250	0.3423

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zr-88	2.3753	2.1781	2.6262	2.6353	1.9775	2.0144	2.6667	2.7252
Zr-89	2.1606	2.0075	2.3528	2.3262	1.8523	1.9164	2.4278	2.4328
Zr-89m	1.3095	1.2851	1.3762	1.3011	1.2452	1.3181	1.4735	1.4043
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.2432	1.2328	1.2900	1.2075	1.2100	1.2906	1.3991	1.3029
Zr-97	1.5027	1.4876	1.5619	1.4644	1.4570	1.5527	1.6911	1.5814

Table 3: Composite 2 Surface Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.2169	0.2798	0.5219	0.5836
Ac-224	2.6144	3.0911	4.2812	4.3551
Ac-225	0.3078	0.4003	0.7490	0.8301
Ac-226	1.1587	1.3710	1.8599	1.8795
Ac-227	0.0491	0.0719	0.1833	0.2194
Ac-228	1.7746	2.1428	2.8790	2.8647
Ac-230	0.7672	0.9350	1.2851	1.2859
Ac-231	2.6024	3.0435	3.8482	3.7936
Ac-232	1.2549	1.5247	2.0151	1.9835
Ac-233	1.1450	1.3390	1.6162	1.5456
Ag-100m	2.2121	2.5944	2.9151	2.6745
Ag-101	1.9066	2.2201	2.6041	2.4662
Ag-102m	1.4384	1.6944	1.9503	1.8115
Ag-102	3.3691	3.9491	4.4973	4.1556
Ag-103	2.2293	2.5913	3.2033	3.0867
Ag-104	4.2103	4.9513	5.8001	5.4293
Ag-104m	1.7260	2.0245	2.3890	2.2405
Ag-105	2.3790	2.7959	3.5039	3.4018
Ag-105m	0.0175	0.0253	0.0671	0.0829
Ag-106	0.4775	0.5690	0.7644	0.7531
Ag-106m	5.1424	6.0244	7.0637	6.6237
Ag-108	0.0469	0.0554	0.0704	0.0678
Ag-108m	3.8813	4.5404	5.4050	5.0997
Ag-109m	0.3808	0.4593	0.6712	0.6847
Ag-110	0.0558	0.0652	0.0744	0.0687
Ag-110m	3.8374	4.4951	5.0294	4.6091
Ag-111	0.1043	0.1204	0.1366	0.1292
Ag-111m	0.2055	0.2507	0.3839	0.3989
Ag-112	0.8765	1.0236	1.1488	1.0523
Ag-113m	0.7620	0.8876	1.0554	1.0137
Ag-113	0.2307	0.2672	0.3026	0.2857
Ag-114	0.3657	0.4259	0.4788	0.4400
Ag-115	0.8400	0.9718	1.1029	1.0279
Ag-116	2.1758	2.5435	2.8452	2.6110
Ag-117	1.6977	1.9702	2.2368	2.0844
Ag-99	2.3375	2.7246	3.1049	2.9046
Al-26	1.2370	1.4631	1.6091	1.4641
Al-28	1.2059	1.4259	1.5668	1.4242
Al-29	1.2364	1.4517	1.6050	1.4696
Am-237	2.7601	3.2838	4.5412	4.5933
Am-238	2.6887	3.2156	4.3658	4.3553
Am-239	3.1829	3.8299	5.6451	5.8254

Nuclide	avg400	ctr400	mid400	cnr400
Am-240	2.8743	3.4790	4.8870	4.9282
Am-241	1.3042	1.5129	1.5968	1.5069
Am-242	0.4401	0.5562	0.9548	1.0243
Am-242m	0.2506	0.3393	0.6962	0.7813
Am-243	1.1428	1.3417	1.7731	1.7878
Am-244	2.4582	3.0147	4.4286	4.5384
Am-244m	0.1539	0.2005	0.3682	0.4011
Am-245	0.3480	0.4139	0.5845	0.5950
Am-246	3.4378	4.1878	6.1865	6.3547
Am-246m	1.5641	1.8753	2.3942	2.3285
Am-247	1.2825	1.5152	2.0685	2.0818
Ar-37	0.0153	0.0239	0.0748	0.0950
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2142	1.4249	1.5765	1.4440
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.4686	1.7253	1.9149	1.7493
Ar-44	2.3243	2.7007	3.0240	2.7932
As-68	2.8602	3.3594	3.7476	3.4284
As-69	0.4476	0.5255	0.6797	0.6811
As-70	3.7492	4.4078	4.9884	4.6074
As-71	1.6260	1.9445	2.8682	3.0347
As-72	1.1914	1.4139	1.6861	1.6072
As-73	0.6901	1.0202	2.8657	3.5729
As-74	0.9777	1.1733	1.6197	1.6477
As-76	0.7237	0.8412	0.9492	0.8735
As-77	0.0388	0.0446	0.0521	0.0499
As-78	1.6471	1.9255	2.1559	1.9766
As-79	0.0740	0.0858	0.0967	0.0898
At-204	5.1423	6.0203	7.2921	7.0080
At-205	2.6940	3.1894	4.1497	4.1392
At-206	5.3521	6.2637	7.5588	7.2612
At-207	4.1624	4.9182	6.1994	6.0899
At-208	6.3867	7.5118	9.2428	8.9488
At-209	5.8139	6.8591	8.6429	8.4835
At-210	5.0339	5.9508	7.4686	7.3267
At-211	0.6569	0.7917	1.1906	1.2636
At-215	0.0006	0.0007	0.0008	0.0008
At-216	0.0347	0.0412	0.0579	0.0600
At-217	0.0014	0.0016	0.0020	0.0020
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	1.9122	2.2131	2.6270	2.5279
Au-186	3.1009	3.6155	4.4599	4.3539

Nuclide	avg400	ctr400	mid400	cnr400
Au-187	2.5039	2.9826	4.0739	4.1605
Au-190	3.6804	4.3219	5.2853	5.1546
Au-191	3.1237	3.6841	4.9425	5.0218
Au-192	3.4299	4.0366	4.9885	4.8903
Au-193	2.0608	2.4397	3.4346	3.5662
Au-193m	1.3838	1.6622	2.4406	2.5789
Au-194	2.7731	3.2648	4.1466	4.1210
Au-195	1.7079	2.0702	3.2527	3.5117
Au-195m	1.3992	1.6819	2.4688	2.6078
Au-196	2.5672	3.0094	3.8514	3.8490
Au-196m	3.0786	3.7130	5.6974	6.0918
Au-198	1.1967	1.3795	1.5835	1.4865
Au-198m	4.9911	5.8240	7.6902	7.7620
Au-199	1.0160	1.1892	1.5813	1.6063
Au-200	0.4519	0.5261	0.5974	0.5589
Au-200m	5.9331	6.8815	8.0950	7.7123
Au-201	0.1323	0.1616	0.2500	0.2669
Au-202	0.2844	0.3310	0.3751	0.3483
Ba-124	1.7990	2.1081	2.5709	2.4959
Ba-126	2.1835	2.5558	3.0690	2.9551
Ba-127	1.0352	1.2123	1.4984	1.4623
Ba-128	1.0618	1.2578	1.5975	1.5843
Ba-129	1.1398	1.3421	1.6922	1.6668
Ba-129m	4.1110	4.8020	5.7145	5.4585
Ba-131	2.7701	3.2223	3.8991	3.7589
Ba-131m	1.3698	1.5920	2.0125	1.9897
Ba-133	3.1165	3.6416	4.4189	4.3119
Ba-133m	0.9113	1.0944	1.5023	1.5467
Ba-135m	0.8332	0.9858	1.2454	1.2372
Ba-137m	1.1324	1.3221	1.5077	1.3938
Ba-139	0.4025	0.4610	0.5364	0.5131
Ba-140	0.7363	0.8806	1.2173	1.2474
Ba-141	2.4666	2.8504	3.2431	3.0428
Ba-142	2.1889	2.5473	2.9134	2.7380
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1226	0.1416	0.1603	0.1485
Bi-197	3.0792	3.6557	4.7184	4.6889
Bi-200	6.1358	7.1726	8.7632	8.4938
Bi-201	3.1565	3.7430	4.7850	4.7352
Bi-202	5.6513	6.6295	8.0447	7.7505
Bi-203	3.8709	4.5826	5.7323	5.6146
Bi-204	5.6993	6.7103	8.1987	7.9349
Bi-205	2.9364	3.4902	4.5057	4.4737

Nuclide	avg400	ctr400	mid400	cnr400
Bi-206	6.5634	7.7230	9.4226	9.1155
Bi-207	3.3556	3.9611	5.0052	4.9120
Bi-208	1.9279	2.3175	3.0438	3.0401
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.2708	1.4741	1.7631	1.7168
Bi-211	0.1994	0.2320	0.2782	0.2701
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2032	0.2550	0.4103	0.4410
Bi-213	0.3932	0.4564	0.5435	0.5199
Bi-214	1.6162	1.8945	2.1260	1.9530
Bi-215	0.9443	1.1046	1.3598	1.3357
Bi-216	1.7706	2.0518	2.3597	2.2025
Bk-245	2.7827	3.2963	4.6127	4.6727
Bk-246	2.7317	3.3019	4.6713	4.7308
Bk-247	1.4670	1.7020	2.1520	2.1260
Bk-248m	0.5912	0.7177	1.0883	1.1272
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.3500	1.6145	2.0159	1.9365
Bk-251	1.4023	1.6832	2.4929	2.5668
Br-72	2.3221	2.7331	3.1192	2.9002
Br-73	1.4203	1.6561	2.0063	1.9318
Br-74	2.6404	3.1067	3.5476	3.2845
Br-74m	3.2322	3.7978	4.3389	4.0171
Br-75	1.7230	2.0174	2.4953	2.4542
Br-76	2.3551	2.8031	3.4736	3.3546
Br-76m	1.1462	1.4828	2.6472	2.9144
Br-77	1.2560	1.5600	2.5284	2.7287
Br-77m	0.4416	0.5928	1.2189	1.3832
Br-78	0.1856	0.2241	0.3106	0.3139
Br-80	0.1164	0.1421	0.2067	0.2130
Br-80m	0.9098	1.2220	2.4132	2.7198
Br-82m	0.2649	0.3973	1.0139	1.1992
Br-82	3.8994	4.5584	5.1066	4.6894
Br-83	0.0152	0.0176	0.0201	0.0187
Br-84m	3.6286	4.2383	4.7339	4.3534
Br-84	1.3336	1.5718	1.7377	1.5845
Br-85	0.0869	0.1020	0.1135	0.1041
C-10	1.1654	1.3636	1.5280	1.4023
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0273	0.0426	0.1335	0.1696
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.0659	1.2497	1.3854	1.2701

Nuclide	avg400	ctr400	mid400	cnr400
Ca-49	1.1905	1.4120	1.5418	1.3892
Cd-101	2.6588	3.1065	3.6569	3.4478
Cd-102	2.2148	2.5938	3.2031	3.0720
Cd-103	2.1584	2.5563	3.1141	2.9622
Cd-104	1.9259	2.2646	2.9475	2.9033
Cd-105	1.5045	1.7844	2.2075	2.1143
Cd-107	1.1054	1.3351	1.9471	1.9762
Cd-109	1.0271	1.2421	1.8211	1.8521
Cd-111m	2.0320	2.3436	2.8201	2.7228
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0008	0.0010	0.0013	0.0013
Cd-115	0.4896	0.5677	0.6540	0.6103
Cd-115m	0.0409	0.0480	0.0534	0.0490
Cd-117	1.7008	1.9806	2.2357	2.0837
Cd-117m	1.9603	2.3021	2.5573	2.3403
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.0455	2.3872	2.6776	2.4848
Cd-119m	2.3204	2.7221	3.0338	2.7816
Ce-130	2.7505	3.1994	3.8691	3.7455
Ce-131	2.9483	3.4452	4.1264	3.9632
Ce-132	2.5901	3.0011	3.5994	3.4803
Ce-133	2.3731	2.7718	3.4048	3.3377
Ce-133m	4.2092	4.9160	5.7737	5.4871
Ce-134	0.8947	1.0654	1.3710	1.3722
Ce-135	3.0592	3.5726	4.2263	4.0517
Ce-137	0.9710	1.1716	1.6273	1.6829
Ce-137m	0.8215	0.9720	1.2323	1.2286
Ce-139	2.1009	2.4432	2.9726	2.9047
Ce-141	0.9000	1.0295	1.2173	1.1693
Ce-143	1.6874	1.9727	2.3523	2.2781
Ce-144	0.2844	0.3268	0.3953	0.3830
Ce-145	2.6253	3.0778	3.6483	3.4936
Cf-244	0.0933	0.1247	0.2462	0.2728
Cf-246	0.0643	0.0858	0.1690	0.1871
Cf-247	1.8609	2.2855	3.6492	3.8461
Cf-248	0.0773	0.1030	0.2023	0.2238
Cf-249	1.3522	1.5953	2.0550	2.0261
Cf-250	0.0719	0.0937	0.1715	0.1867
Cf-251	1.6160	1.9311	2.7843	2.8482
Cf-252	0.6631	0.7819	0.9459	0.9033
Cf-253	0.2128	0.2808	0.5418	0.6001
Cf-254	22.2416	25.8897	29.1379	26.9631
Cf-255	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Cl-34	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.4235	1.6539	1.8543	1.7160
Cl-36	0.0002	0.0003	0.0011	0.0013
Cl-38	0.8939	1.0572	1.1603	1.0542
Cl-39	1.7950	2.0905	2.3319	2.1597
Cl-40	2.3505	2.7724	3.0524	2.7742
Cm-238	1.3280	1.5826	2.2749	2.3208
Cm-239	2.9040	3.4002	4.5252	4.5044
Cm-240	0.1010	0.1375	0.2811	0.3133
Cm-241	3.0589	3.6837	5.3433	5.4711
Cm-242	0.0906	0.1234	0.2523	0.2813
Cm-243	1.5470	1.8741	2.8240	2.9429
Cm-244	0.0777	0.1059	0.2167	0.2415
Cm-245	1.6899	2.0320	2.9961	3.0862
Cm-246	0.0668	0.0900	0.1790	0.1983
Cm-247	1.0162	1.1716	1.3517	1.2724
Cm-248	1.7918	2.0972	2.4334	2.2825
Cm-249	0.0947	0.1284	0.2916	0.3482
Cm-250	17.5572	20.4392	23.0168	21.3048
Cm-251	0.3826	0.4512	0.5845	0.5735
Co-54m	3.6016	4.2035	4.6927	4.3165
Co-55	1.6060	1.8913	2.1915	2.0541
Co-56	3.1381	3.7267	4.4023	4.1759
Co-57	1.6414	1.9487	2.9722	3.1472
Co-58	1.2733	1.5328	1.9961	1.9922
Co-58m	0.1099	0.1711	0.5352	0.6797
Co-60	2.4608	2.8887	3.1997	2.9277
Co-60m	0.1491	0.2205	0.6248	0.7812
Co-61	1.1424	1.3086	1.5419	1.4800
Co-62	1.4281	1.6785	1.8577	1.6970
Co-62m	2.5350	2.9795	3.2987	3.0148
Cr-48	2.7197	3.1296	3.7722	3.6639
Cr-49	1.3700	1.5563	1.8041	1.7252
Cr-51	0.1875	0.2421	0.4664	0.5397
Cr-55	0.0005	0.0006	0.0007	0.0006
Cr-56	1.7690	2.0482	2.6003	2.5986
Cs-121	1.0151	1.1730	1.3685	1.3011
Cs-121m	1.8865	2.1785	2.5493	2.4214
Cs-123	1.5152	1.7640	2.1051	2.0176
Cs-124	0.5208	0.6069	0.6984	0.6593
Cs-125	1.2796	1.4986	1.8133	1.7417
Cs-126	0.8787	1.0220	1.1883	1.1225
Cs-127	2.0406	2.3814	2.8858	2.7806

Nuclide	avg400	ctr400	mid400	cnr400
Cs-128	0.6622	0.7750	0.9316	0.8929
Cs-129	1.9767	2.3251	2.8746	2.8026
Cs-130m	1.6824	1.9784	2.5323	2.5340
Cs-130	0.5366	0.6376	0.8175	0.8079
Cs-131	0.8325	0.9925	1.2968	1.2936
Cs-132	2.0305	2.3888	2.8687	2.7349
Cs-134	2.6107	3.0491	3.4239	3.1469
Cs-134m	0.5944	0.7164	1.0623	1.1199
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.3398	2.7513	3.0685	2.8213
Cs-136	3.6639	4.2775	4.8135	4.4689
Cs-137	1.4397	1.6700	1.8001	1.8368
Cs-138m	1.2365	1.4502	1.7651	1.7071
Cs-138	2.3974	2.8074	3.1271	2.8668
Cs-139	0.2464	0.2896	0.3205	0.2929
Cs-140	1.6148	1.8930	2.1089	1.9272
Cu-57	0.1260	0.1480	0.1649	0.1510
Cu-59	0.6032	0.7057	0.7958	0.7387
Cu-60	2.4291	2.8638	3.2008	2.9430
Cu-61	0.5150	0.6198	0.8828	0.9202
Cu-62	0.0105	0.0136	0.0255	0.0291
Cu-64	0.0714	0.1090	0.3277	0.4136
Cu-66	0.1194	0.1402	0.1560	0.1423
Cu-67	1.0536	1.2086	1.4777	1.4435
Cu-69	0.7061	0.8275	0.9236	0.8454
Dy-148	2.1550	2.5263	3.0444	2.9308
Dy-149	3.4322	4.0267	4.8035	4.6207
Dy-150	1.4109	1.6444	1.9866	1.9298
Dy-151	3.1581	3.7140	4.5185	4.3839
Dy-152	2.2281	2.5903	3.1321	3.0713
Dy-153	4.0951	4.7889	5.8551	5.7349
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.8116	3.2749	3.9428	3.8243
Dy-157	2.2817	2.6700	3.2212	3.1530
Dy-159	1.2307	1.4573	1.8893	1.9092
Dy-165m	0.2495	0.3129	0.5532	0.6231
Dy-165	0.2159	0.2520	0.3129	0.3089
Dy-166	0.9292	1.1022	1.4993	1.5479
Dy-167	1.9123	2.2204	2.6123	2.5031
Dy-168	1.8321	2.1284	2.5870	2.5079
Er-154	1.3761	1.6471	2.2875	2.3613
Er-156	1.6327	1.9841	2.9732	3.1762
Er-159	2.6322	3.0832	3.7425	3.6250

Nuclide	avg400	ctr400	mid400	cnr400
Er-161	2.7610	3.2515	3.9873	3.8913
Er-163	1.0293	1.2192	1.6022	1.6273
Er-165	0.9915	1.1755	1.5525	1.5803
Er-167m	0.8589	1.0001	1.2841	1.2799
Er-169	0.0032	0.0050	0.0155	0.0196
Er-171	2.3437	2.7220	3.2992	3.2256
Er-172	2.0992	2.4507	2.9991	2.9170
Er-173	3.6198	4.1846	5.0377	4.8494
Es-249	2.4509	2.8954	3.9154	3.9113
Es-250	6.6483	8.0438	11.7368	12.0275
Es-250m	2.1359	2.5414	3.4884	3.4916
Es-251	1.7261	2.0996	3.2493	3.3889
Es-253	0.0258	0.0342	0.0668	0.0742
Es-254	0.8591	1.1610	2.4019	2.7146
Es-254m	1.1771	1.4146	1.8994	1.8799
Es-255	0.0009	0.0011	0.0012	0.0011
Es-256	0.1385	0.1793	0.3270	0.3559
Eu-142	0.3118	0.3675	0.4212	0.3947
Eu-142m	4.1040	4.8195	5.5711	5.2118
Eu-143	0.6004	0.7074	0.8385	0.8038
Eu-144	0.2681	0.3170	0.3742	0.3576
Eu-145	2.3807	2.8048	3.3063	3.1537
Eu-146	4.1380	4.8537	5.6029	5.2569
Eu-147	2.4372	2.8420	3.4435	3.3419
Eu-148	4.8001	5.6027	6.4854	6.0888
Eu-149	1.1164	1.3323	1.7835	1.8266
Eu-150	4.5001	5.2419	6.0814	5.7695
Eu-150m	0.2000	0.2342	0.2815	0.2738
Eu-152	2.9418	3.4340	4.0489	3.8686
Eu-152m	0.8043	0.9428	1.1215	1.0758
Eu-152n	1.3341	1.5635	2.1184	2.1838
Eu-154	2.4473	2.8453	3.3098	3.1186
Eu-154m	1.4846	1.7667	2.5059	2.6187
Eu-155	1.0461	1.2047	1.4750	1.4511
Eu-156	1.4724	1.7305	1.9907	1.8674
Eu-157	1.8400	2.1610	2.7307	2.7110
Eu-158	1.9420	2.2850	2.6718	2.5291
Eu-159	2.1428	2.5047	3.0826	3.0302
F-17	0.0004	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.4700	1.6892	2.0592	2.0161
Fe-53	0.5288	0.6109	0.6987	0.6582
Fe-53m	3.4911	4.0949	4.5605	4.1711

Nuclide	avg400	ctr400	mid400	cnr400
Fe-55	0.0909	0.1416	0.4436	0.5635
Fe-59	1.3000	1.5235	1.6929	1.5505
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	1.7411	2.0349	2.2707	2.0914
Fe-62	1.1671	1.3499	1.5277	1.4128
Fm-251	1.6609	1.9864	2.9208	3.0116
Fm-252	0.0700	0.0918	0.1728	0.1892
Fm-253	1.3427	1.6628	2.7154	2.8786
Fm-254	0.0797	0.1032	0.1862	0.2019
Fm-255	0.7228	0.9649	1.9102	2.1244
Fm-256	16.5369	19.2522	21.6863	20.0751
Fm-257	1.7684	2.1298	3.1589	3.2566
Fr-212	2.8782	3.4217	4.5679	4.5902
Fr-219	0.0146	0.0170	0.0207	0.0201
Fr-220	0.1933	0.2437	0.4227	0.4639
Fr-221	0.2209	0.2565	0.3239	0.3190
Fr-222	1.3358	1.5941	2.2490	2.2862
Fr-223	0.9988	1.2182	1.8029	1.8781
Fr-224	1.4950	1.7581	2.2413	2.1959
Fr-227	2.3800	2.7881	3.5920	3.5543
Ga-64	1.7817	2.1014	2.3385	2.1381
Ga-65	1.4494	1.6910	2.2617	2.2882
Ga-66	1.2590	1.5190	1.9586	1.9378
Ga-67	1.4539	1.7670	2.8485	3.1202
Ga-68	0.0672	0.0874	0.1671	0.1914
Ga-70	0.0133	0.0158	0.0206	0.0205
Ga-72	2.6656	3.1347	3.4846	3.1890
Ga-73	1.7011	2.0864	3.2730	3.5592
Ga-74	2.9557	3.4619	3.8604	3.5303
Gd-142	1.3491	1.5758	1.8619	1.7857
Gd-143m	3.5102	4.0969	4.7930	4.5793
Gd-144	0.9344	1.1013	1.3325	1.2963
Gd-145m	1.3047	1.5491	1.9439	1.9042
Gd-145	2.1031	2.4856	2.8763	2.7136
Gd-146	4.1654	4.8279	5.9203	5.8043
Gd-147	4.1832	4.8717	5.7028	5.4362
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.1208	3.6332	4.3524	4.2276
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.3144	1.5651	2.1113	2.1681
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	2.2340	2.6074	3.2361	3.2001
Gd-159	0.4163	0.4875	0.5982	0.5882

Nuclide	avg400	ctr400	mid400	cnr400
Gd-162	1.2705	1.4747	1.7531	1.6785
Ge-66	2.1096	2.5308	3.6558	3.8390
Ge-67	1.5806	1.8189	2.1262	2.0316
Ge-68	0.2239	0.3488	1.0900	1.3836
Ge-69	1.0669	1.3172	2.0170	2.1492
Ge-71	0.2271	0.3537	1.1055	1.4033
Ge-75	0.1708	0.1959	0.2234	0.2123
Ge-77	2.9362	3.3850	3.8592	3.6192
Ge-78	1.2760	1.4678	1.6623	1.5801
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.5633	1.8298	2.2703	2.2475
Hf-169	2.2808	2.6673	3.3340	3.2766
Hf-170	3.0802	3.6196	4.7775	4.8256
Hf-172	2.3805	2.8536	4.1950	4.4243
Hf-173	3.7627	4.3502	5.4371	5.3550
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.3877	2.8008	3.5458	3.5337
Hf-177m	13.0956	15.1917	18.5873	18.1870
Hf-178m	9.3446	10.8371	13.1547	12.7754
Hf-179m	5.3931	6.2795	7.9408	7.8699
Hf-180m	4.8495	5.6296	6.8499	6.6692
Hf-181	2.3455	2.7179	3.3663	3.2851
Hf-182	1.3716	1.5833	1.8792	1.8244
Hf-182m	4.1218	4.8134	6.0412	5.9615
Hf-183	2.1312	2.4804	2.9248	2.7973
Hf-184	2.1823	2.6419	4.1195	4.4494
Hg-190	2.7702	3.2665	4.5962	4.7651
Hg-191m	4.6236	5.4368	7.0087	7.0030
Hg-192	2.7221	3.2342	4.5768	4.7716
Hg-193	2.7750	3.3010	4.5269	4.6361
Hg-193m	2.7395	3.2292	4.1656	4.1488
Hg-194	0.1416	0.2176	0.6331	0.7851
Hg-195	1.6517	2.0045	3.0976	3.3206
Hg-195m	1.6733	2.0820	3.5338	3.9043
Hg-197	1.5008	1.8222	2.8767	3.1171
Hg-197m	1.3725	1.6654	2.6549	2.8705
Hg-199m	1.9483	2.3088	3.2449	3.3721
Hg-203	1.2452	1.4429	1.7221	1.6777
Hg-205	0.0421	0.0486	0.0605	0.0592
Hg-206	0.5849	0.6828	0.8323	0.8174
Hg-207	3.4116	4.0040	4.6208	4.3447
Ho-150	1.8024	2.1152	2.4056	2.2370
Ho-153	2.2956	2.6762	3.1716	3.0617

Nuclide	avg400	ctr400	mid400	cnr400
Ho-153m	2.6836	3.1188	3.7601	3.6484
Ho-154m	5.4792	6.3634	7.3246	6.9126
Ho-154	2.8610	3.3354	3.8393	3.6301
Ho-155	2.2612	2.6507	3.3314	3.3050
Ho-156	4.0740	4.7360	5.5794	5.3398
Ho-157	3.4512	4.0412	5.0119	4.9471
Ho-159	3.8640	4.4923	5.5683	5.4846
Ho-160	4.1294	4.8478	5.8055	5.5773
Ho-161	1.5502	1.8484	2.5311	2.5999
Ho-162	1.3579	1.6092	2.1214	2.1590
Ho-162m	2.4833	2.9377	3.8436	3.8812
Ho-163	0.0036	0.0057	0.0178	0.0226
Ho-164	0.7591	0.9009	1.2022	1.2300
Ho-164m	1.3034	1.5888	2.4255	2.6106
Ho-166	0.2689	0.3231	0.4767	0.5084
Ho-166m	4.4666	5.2008	6.1482	5.8786
Ho-167	1.6883	1.9614	2.3203	2.2423
Ho-168	1.6797	1.9764	2.3585	2.2600
Ho-168m	0.2176	0.2776	0.5151	0.5891
Ho-170	4.0087	4.6854	5.5813	5.3609
I-118m	5.0433	5.8796	6.6647	6.1494
I-118	1.7305	2.0185	2.2898	2.1121
I-119	1.8292	2.1211	2.5137	2.4164
I-120	2.1871	2.5640	2.9312	2.7172
I-120m	4.3950	5.1266	5.8318	5.3856
I-121	2.1582	2.5037	3.0433	2.9278
I-122	0.4525	0.5316	0.6437	0.6143
I-123	2.1750	2.5268	3.1007	3.0184
I-124	1.7909	2.1063	2.5234	2.3937
I-125	1.5974	1.9045	2.5316	2.5240
I-126	1.3317	1.5578	1.8629	1.7735
I-128	0.2260	0.2629	0.3115	0.2955
I-129	0.8826	1.0496	1.3524	1.3425
I-130m	0.4118	0.4897	0.6428	0.6406
I-130	3.9240	4.5671	5.1459	4.7390
I-131	1.5261	1.7741	1.8833	2.0136
I-132	3.4989	4.0901	4.5864	4.2120
I-132m	1.1060	1.3086	1.6777	1.6522
I-133	1.2345	1.4321	1.6181	1.4935
I-134m	2.0852	2.4360	2.9494	2.8638
I-134	3.6675	4.2954	4.8022	4.4102
I-135	1.6415	1.9248	2.1388	1.9602
In-103	2.7108	3.1544	3.5884	3.3309

Nuclide	avg400	ctr400	mid400	cnr400
In-105	2.4715	2.8646	3.3525	3.1538
In-106	4.3448	5.0828	5.7592	5.3053
In-106m	2.0009	2.3460	2.6533	2.4372
In-107	2.3160	2.7055	3.2297	3.0625
In-108	5.8223	6.8206	7.8477	7.3059
In-108m	2.1765	2.5629	2.9850	2.7800
In-109	2.4404	2.8416	3.4923	3.3510
In-109m	1.1349	1.3232	1.5093	1.3907
In-110	5.3412	6.2756	7.3003	6.8047
In-110m	1.5959	1.8733	2.2094	2.0687
In-111	3.3376	3.8574	4.6908	4.5347
In-111m	1.1093	1.2885	1.4875	1.3852
In-112	0.3211	0.3839	0.5248	0.5211
In-112m	0.7616	0.9016	1.2100	1.2033
In-113m	1.0333	1.2010	1.4414	1.3763
In-114	0.0061	0.0072	0.0094	0.0092
In-114m	0.6678	0.7861	1.0274	1.0113
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.9162	1.0746	1.3236	1.2846
In-116m	2.6506	3.1039	3.4534	3.1692
In-117	2.5283	2.9073	3.3357	3.1370
In-117m	0.6811	0.7929	0.9650	0.9356
In-118m	3.3180	3.8865	4.3315	3.9676
In-118	0.0819	0.0960	0.1066	0.0977
In-119	1.3392	1.5813	1.8638	1.7587
In-119m	0.1745	0.2084	0.2756	0.2737
In-121	1.3383	1.5690	1.7527	1.6084
In-121m	0.6864	0.8058	1.0223	0.9958
Ir-180	3.3046	3.8658	4.8634	4.7885
Ir-182	3.1997	3.7406	4.7759	4.7403
Ir-183	3.3091	3.9193	5.2610	5.3385
Ir-184	4.8340	5.6680	7.1683	7.0788
Ir-185	2.9977	3.6029	5.2654	5.5335
Ir-186	4.6757	5.4782	6.9127	6.8239
Ir-186m	2.7162	3.1994	4.0752	4.0260
Ir-187	2.0631	2.4712	3.5972	3.7721
Ir-188	3.4154	4.0294	5.0977	5.0259
Ir-189	1.4087	1.7076	2.6789	2.8918
Ir-190	5.1458	5.9980	7.4049	7.2095
Ir-190m	0.1281	0.1990	0.6129	0.7745
Ir-190n	1.1798	1.4166	2.1312	2.2649
Ir-191m	1.3595	1.6521	2.6732	2.9063
Ir-192	2.8926	3.3565	3.8812	3.6982

Nuclide	avg400	ctr400	mid400	cnr400
Ir-192m	0.1524	0.2350	0.6983	0.8721
Ir-192n	0.3258	0.4990	1.4627	1.8225
Ir-193m	0.1331	0.2042	0.6144	0.7731
Ir-194	0.2649	0.3078	0.3524	0.3343
Ir-194m	6.1148	7.1038	8.2204	7.7510
Ir-195	1.1179	1.3502	2.0911	2.2456
Ir-195m	1.8990	2.2377	2.9699	3.0051
Ir-196	0.5350	0.6225	0.7111	0.6688
Ir-196m	6.5661	7.6339	9.0060	8.5613
K-38	1.1989	1.4199	1.5544	1.4122
K-40	0.1315	0.1556	0.1778	0.1654
K-42	0.2253	0.2654	0.2930	0.2668
K-43	2.3558	2.7251	3.0824	2.8610
K-44	1.8468	2.1735	2.4027	2.1915
K-45	2.2948	2.6612	2.9840	2.7650
K-46	1.8338	2.1599	2.3799	2.1689
Kr-74	1.9529	2.2879	3.0130	3.0221
Kr-75	1.7843	2.0583	2.5866	2.5295
Kr-76	2.1817	2.6563	3.8697	4.0215
Kr-77	1.9097	2.1873	2.7324	2.6617
Kr-79	0.8504	1.0880	1.8968	2.0704
Kr-81	0.3167	0.4763	1.2221	1.4465
Kr-81m	1.0684	1.2520	1.6353	1.6157
Kr-83m	0.1360	0.2053	0.5385	0.6430
Kr-85	0.0051	0.0059	0.0067	0.0062
Kr-85m	1.3013	1.4929	1.7778	1.7127
Kr-87	0.9876	1.1475	1.2875	1.1900
Kr-88	1.7595	2.0721	2.3947	2.2338
Kr-89	2.1050	2.4586	2.7588	2.5414
La-128	3.9378	4.5810	5.1933	4.8448
La-129	1.7819	2.0701	2.4505	2.3528
La-130	2.8725	3.3488	3.8148	3.5653
La-131	2.3477	2.7329	3.2684	3.1489
La-132	2.6467	3.0945	3.5745	3.3535
La-132m	2.4172	2.8061	3.3646	3.2314
La-133	1.0334	1.2420	1.6852	1.7219
La-134	0.4180	0.4959	0.6205	0.6100
La-135	0.9130	1.0872	1.3930	1.3886
La-136	0.6158	0.7331	0.9341	0.9285
La-137	0.8603	1.0256	1.3214	1.3210
La-138	1.6549	1.9556	2.2773	2.1498
La-140	2.6001	3.0455	3.3979	3.1241
La-141	0.0233	0.0274	0.0303	0.0277

Nuclide	avg400	ctr400	mid400	cnr400
La-142	1.8449	2.1681	2.4069	2.1952
La-143	0.2632	0.3087	0.3436	0.3143
Lu-165	3.3792	3.9450	4.9211	4.8425
Lu-167	3.6889	4.3457	5.4404	5.3547
Lu-169m	0.0918	0.1430	0.4474	0.5681
Lu-169	3.4339	4.0396	5.0480	4.9648
Lu-170	3.3256	3.9323	4.8257	4.6959
Lu-171m	0.1029	0.1576	0.4786	0.6050
Lu-171	3.0285	3.6258	5.0262	5.1734
Lu-172	4.5627	5.3732	6.6660	6.5258
Lu-172m	0.0825	0.1285	0.4022	0.5108
Lu-173	2.7161	3.1955	4.1895	4.2453
Lu-174	1.3153	1.5706	2.2071	2.2997
Lu-174m	1.4040	1.7202	2.7561	3.0092
Lu-176	3.0236	3.5162	4.3778	4.3224
Lu-176m	0.3005	0.3660	0.5915	0.6490
Lu-177	0.3396	0.3930	0.5028	0.4993
Lu-177m	6.8792	7.9619	9.8283	9.6338
Lu-178	0.3110	0.3712	0.5168	0.5340
Lu-178m	5.6658	6.5548	7.9287	7.7179
Lu-179	0.1926	0.2202	0.2580	0.2453
Lu-180	2.8054	3.2790	3.9148	3.7553
Lu-181	2.1585	2.5535	3.3960	3.4322
Mg-27	1.2209	1.4346	1.5964	1.4619
Mg-28	2.3876	2.7970	3.1985	2.9832
Mn-50m	4.0521	4.7583	5.2880	4.8417
Mn-51	0.0084	0.0107	0.0187	0.0209
Mn-52	3.6751	4.3366	4.9848	4.6509
Mn-52m	1.2220	1.4378	1.5929	1.4563
Mn-53	0.0740	0.1153	0.3612	0.4589
Mn-54	1.2589	1.5086	1.9114	1.8813
Mn-56	1.7045	2.0081	2.2238	2.0335
Mn-57	0.5215	0.6538	1.1434	1.2597
Mn-58m	2.7031	3.1719	3.5239	3.2320
Mo-101	2.1443	2.5114	2.9317	2.7577
Mo-102	0.1398	0.1593	0.1855	0.1758
Mo-89	0.2688	0.3179	0.3695	0.3435
Mo-90	3.1653	3.7357	4.8707	4.7635
Mo-91m	1.1542	1.3571	1.5529	1.4336
Mo-91	0.0425	0.0551	0.0905	0.0929
Mo-93	0.4800	0.6415	1.1661	1.2242
Mo-93m	3.3011	3.8753	4.4858	4.1910
Mo-99	0.4040	0.4705	0.5537	0.5223

Nuclide	avg400	ctr400	mid400	cnr400
N-13	0.0000	0.0000	0.0000	0.0000
N-16	0.8490	1.0100	1.0951	0.9852
Na-22	1.2240	1.4359	1.5891	1.4563
Na-24	2.4076	2.8396	3.1223	2.8384
Nb-87	2.0772	2.4312	3.1335	3.0411
Nb-88m	4.4227	5.1697	5.8214	5.3624
Nb-88	5.5022	6.4706	7.5860	7.1077
Nb-89	0.5061	0.6181	0.8065	0.7787
Nb-89m	1.1413	1.3416	1.6151	1.5257
Nb-90	3.9314	4.6511	5.5920	5.2828
Nb-91	0.4608	0.6312	1.2033	1.2766
Nb-91m	0.4387	0.5814	1.0343	1.0821
Nb-92	2.8484	3.4157	4.3117	4.1226
Nb-92m	1.7211	2.1128	2.8552	2.7868
Nb-93m	0.0908	0.1225	0.2331	0.2502
Nb-94m	0.3334	0.4450	0.8072	0.8483
Nb-94	2.3438	2.7477	3.0715	2.8163
Nb-95	1.1629	1.3651	1.5226	1.3988
Nb-95m	0.6768	0.8351	1.2440	1.2577
Nb-96	3.7864	4.4251	4.9545	4.5578
Nb-97	1.1677	1.3609	1.5357	1.4085
Nb-98m	3.7056	4.3471	4.8533	4.4596
Nb-99	2.2297	2.5737	3.2329	3.1308
Nb-99m	0.8456	0.9913	1.1475	1.0721
Nd-134	2.5618	2.9662	3.5233	3.4024
Nd-135	2.8806	3.3492	4.0228	3.8826
Nd-136	2.3346	2.7336	3.3878	3.3310
Nd-137	2.6165	3.0672	3.6459	3.5071
Nd-138	0.9839	1.1657	1.4736	1.4677
Nd-139	0.9773	1.1527	1.4186	1.3892
Nd-139m	3.9358	4.6036	5.4054	5.1348
Nd-140	0.8947	1.0626	1.3550	1.3550
Nd-141	0.9167	1.0879	1.3799	1.3761
Nd-141m	1.1408	1.3393	1.5092	1.3957
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1698	1.3590	1.6361	1.5924
Nd-149	2.0605	2.3724	2.7805	2.6553
Nd-151	2.4013	2.7688	3.1930	3.0092
Nd-152	0.8597	1.0059	1.2473	1.2279
Ne-19	0.0002	0.0003	0.0003	0.0003
Ne-24	1.2719	1.4704	1.6623	1.5400
Ni-56	4.2028	4.9139	5.9436	5.7651
Ni-57	1.5346	1.8206	2.2599	2.2000

Nuclide	avg400	ctr400	mid400	cnr400
Ni-59	0.1283	0.1999	0.6263	0.7956
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5570	0.6537	0.7252	0.6637
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	3.9679	4.7438	6.3387	6.3254
Np-233	1.4000	1.6776	2.4330	2.4987
Np-234	2.3116	2.7926	3.8932	3.9279
Np-235	0.3171	0.4461	0.9931	1.1349
Np-236	2.7262	3.3856	5.4793	5.8038
Np-236m	0.7658	0.9274	1.3931	1.4449
Np-237	0.9139	1.1731	2.0652	2.2380
Np-238	1.0486	1.2869	1.8136	1.8238
Np-239	2.1088	2.5255	3.6523	3.7541
Np-240	3.1731	3.8379	5.3813	5.4256
Np-240m	0.8441	1.0344	1.5016	1.5283
Np-241	0.5348	0.6409	0.9319	0.9554
Np-242	0.3291	0.3950	0.4967	0.4797
Np-242m	2.6410	3.2327	4.6702	4.7642
O-14	1.1900	1.4083	1.5415	1.3988
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.0631	2.3696	2.6866	2.4958
Os-180	1.5854	1.9252	3.0054	3.2312
Os-181	4.0899	4.8131	6.2114	6.1976
Os-182	2.6532	3.1339	4.2855	4.3866
Os-183	3.8940	4.5678	6.0155	6.0654
Os-183m	2.2538	2.6715	3.4744	3.4671
Os-185	2.1851	2.5815	3.3678	3.3588
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1220	0.1897	0.5872	0.7431
Os-190m	4.9019	5.7267	7.0831	6.9002
Os-191	1.4780	1.7856	2.8215	3.0434
Os-191m	0.2405	0.3284	0.7699	0.9266
Os-193	0.4811	0.5728	0.8224	0.8590
Os-194	0.1766	0.2483	0.6057	0.7330
Os-196	0.5169	0.6026	0.7800	0.7790
P-30	0.0009	0.0011	0.0012	0.0011
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.4996	0.6277	1.0571	1.1368
Pa-228	4.0366	4.8785	6.8422	6.9376
Pa-229	1.1871	1.4448	2.2124	2.3190
Pa-230	2.3079	2.7947	3.9794	4.0528
Pa-231	0.7283	0.9748	1.9302	2.1634

Nuclide	avg400	ctr400	mid400	cnr400
Pa-232	2.1153	2.5526	3.4496	3.4315
Pa-233	1.7070	2.0733	3.0372	3.1407
Pa-234	4.1041	4.9295	6.7177	6.7185
Pa-234m	0.0335	0.0404	0.0543	0.0539
Pa-235	0.0436	0.0678	0.2117	0.2687
Pa-236	1.4893	1.7990	2.4112	2.3867
Pa-237	1.0477	1.2378	1.4913	1.4267
Pb-194	3.3408	3.9356	5.1264	5.1314
Pb-195m	4.6165	5.4685	7.1582	7.1612
Pb-196	2.9830	3.5095	4.6737	4.7426
Pb-197	3.1973	3.7664	4.7486	4.6831
Pb-197m	4.0476	4.7814	6.2779	6.2996
Pb-198	2.8715	3.3835	4.5202	4.5997
Pb-199	2.6834	3.1658	4.0815	4.0743
Pb-200	2.5310	3.0001	4.2443	4.4130
Pb-201	3.0342	3.5743	4.6065	4.6133
Pb-201m	1.1108	1.3127	1.7104	1.7004
Pb-202	0.1319	0.2036	0.6048	0.7551
Pb-202m	3.8154	4.4752	5.2869	5.0070
Pb-203	2.4427	2.8762	3.8382	3.9161
Pb-204m	3.5698	4.1769	4.7537	4.4265
Pb-205	0.1335	0.2061	0.6121	0.7642
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2191	0.3127	0.7411	0.8737
Pb-211	0.1440	0.1681	0.1977	0.1875
Pb-212	1.1926	1.3937	1.8138	1.8264
Pb-214	1.2677	1.4897	1.9021	1.8980
Pd-100	2.7164	3.1861	4.2079	4.1816
Pd-101	1.8146	2.1806	3.0458	3.0473
Pd-103	0.6327	0.7762	1.1991	1.2317
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0406	1.2028	1.4865	1.4332
Pd-109	0.3840	0.4631	0.6763	0.6897
Pd-111	0.0900	0.1048	0.1206	0.1126
Pd-112	0.2276	0.2923	0.5047	0.5312
Pd-114	0.1817	0.2067	0.2421	0.2294
Pd-96	2.9078	3.3857	4.1066	3.9031
Pd-97	2.5483	2.9814	3.4606	3.2523
Pd-98	2.4044	2.8066	3.6059	3.5121
Pd-99	2.3983	2.7789	3.3778	3.2302
Pm-136	3.6993	4.3065	4.8631	4.5185
Pm-137m	4.3101	4.9855	5.8213	5.5426
Pm-139	0.7673	0.8977	1.0680	1.0270

Nuclide	avg400	ctr400	mid400	cnr400
Pm-140m	4.0621	4.7484	5.3813	4.9959
Pm-140	0.2973	0.3492	0.4092	0.3891
Pm-141	0.6795	0.8027	0.9810	0.9578
Pm-142	0.2679	0.3173	0.3935	0.3875
Pm-143	1.3566	1.6031	1.9613	1.9149
Pm-144	3.7837	4.4236	5.1509	4.8496
Pm-145	0.9338	1.1085	1.4247	1.4318
Pm-146	2.0685	2.4183	2.8303	2.6860
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7039	0.8234	0.9200	0.8432
Pm-148m	3.9659	4.6111	5.2266	4.8325
Pm-149	0.0487	0.0566	0.0668	0.0647
Pm-150	2.2322	2.6055	2.9151	2.7061
Pm-151	1.6228	1.8790	2.2080	2.1186
Pm-152m	3.7608	4.3504	5.0249	4.7512
Pm-152	0.6870	0.7964	0.9342	0.8849
Pm-153	1.0029	1.1591	1.4443	1.4190
Pm-154	2.0818	2.4486	2.8266	2.6617
Pm-154m	3.5424	4.1216	4.7797	4.5271
Po-203	3.5066	4.1541	5.3444	5.2985
Po-204	4.7027	5.6229	7.8531	8.0829
Po-205	3.3675	3.9892	5.0907	5.0331
Po-206	3.8454	4.6042	6.3114	6.4318
Po-207	3.0627	3.6226	4.6205	4.5663
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0286	0.0359	0.0636	0.0715
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0135	0.0158	0.0179	0.0165
Po-212m	0.0548	0.0643	0.0716	0.0655
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0002	0.0001
Po-215	0.0005	0.0006	0.0007	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	5.1622	5.9964	6.8171	6.3542
Pr-134m	2.3704	2.7586	3.1324	2.9149
Pr-135	1.8995	2.2189	2.6582	2.5760
Pr-136	2.6490	3.0933	3.5479	3.3088
Pr-137	0.8209	0.9723	1.2142	1.1985
Pr-138	0.2778	0.3295	0.4102	0.4040
Pr-138m	4.5054	5.2824	6.0555	5.6930
Pr-139	0.8503	1.0101	1.2835	1.2792

Nuclide	avg400	ctr400	mid400	cnr400
Pr-140	0.4533	0.5385	0.6843	0.6820
Pr-142	0.0450	0.0531	0.0586	0.0533
Pr-142m	0.0058	0.0091	0.0284	0.0361
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0276	0.0324	0.0361	0.0330
Pr-144m	0.3759	0.4546	0.6440	0.6732
Pr-145	0.0394	0.0462	0.0535	0.0505
Pr-146	1.3052	1.5220	1.7041	1.5688
Pr-147	2.3299	2.7248	3.2853	3.1933
Pr-148	1.6779	1.9546	2.1931	2.0456
Pr-148m	2.4684	2.8614	3.2319	3.0292
Pt-184	5.3740	6.3551	8.8143	9.0820
Pt-186	2.7693	3.2763	4.3929	4.4464
Pt-187	3.3517	3.9682	5.4824	5.6356
Pt-188	2.2947	2.7251	3.9011	4.0672
Pt-189	3.0623	3.6417	5.1438	5.3340
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.7452	3.2615	4.6371	4.8255
Pt-193	0.1372	0.2123	0.6386	0.8007
Pt-193m	0.3525	0.4690	1.0155	1.1989
Pt-195m	1.6247	2.0125	3.4493	3.8274
Pt-197	0.4455	0.5547	0.9659	1.0787
Pt-197m	1.0721	1.3370	2.3074	2.5639
Pt-199	0.6206	0.7251	0.8926	0.8688
Pt-200	0.8508	1.0295	1.6014	1.7253
Pt-202	0.0000	0.0000	0.0000	0.0000
Pu-232	1.0428	1.2482	1.8099	1.8557
Pu-234	1.1683	1.4066	2.0821	2.1488
Pu-235	1.5409	1.8685	2.8241	2.9331
Pu-236	0.1031	0.1433	0.3061	0.3444
Pu-237	1.0271	1.2682	2.0356	2.1524
Pu-238	0.0949	0.1321	0.2826	0.3182
Pu-239	0.0490	0.0695	0.1614	0.1876
Pu-240	0.0893	0.1243	0.2658	0.2992
Pu-241	0.0000	0.0000	0.0001	0.0001
Pu-242	0.0766	0.1066	0.2280	0.2566
Pu-243	0.4544	0.5417	0.7680	0.7913
Pu-244	0.0893	0.1184	0.2227	0.2439
Pu-245	1.3929	1.6347	2.0351	1.9771
Pu-246	1.8596	2.2100	3.0522	3.0837
Ra-219	0.9065	1.0636	1.3278	1.3137
Ra-220	0.0122	0.0142	0.0162	0.0152
Ra-221	0.5630	0.6972	1.1398	1.2259

Nuclide	avg400	ctr400	mid400	cnr400
Ra-222	0.0380	0.0442	0.0512	0.0491
Ra-223	1.3829	1.6413	2.2907	2.3631
Ra-224	0.0626	0.0724	0.0879	0.0856
Ra-225	0.4554	0.5630	0.8404	0.8771
Ra-226	1.3013	1.5152	1.6767	1.6676
Ra-227	1.1527	1.4450	2.3591	2.5207
Ra-228	1.3655	1.6013	1.7204	1.7976
Ra-230	0.6897	0.8222	1.1585	1.1878
Rb-77	1.9103	2.2202	2.6604	2.5437
Rb-78m	3.0398	3.5473	4.0044	3.6977
Rb-78	2.3122	2.7199	3.1002	2.8696
Rb-79	2.1658	2.5459	3.2507	3.1828
Rb-80	0.3432	0.4010	0.4641	0.4305
Rb-81	0.7681	0.9729	1.5801	1.6667
Rb-81m	0.3767	0.5219	1.0602	1.1691
Rb-82	0.2056	0.2466	0.3052	0.2935
Rb-82m	4.2109	5.0108	6.1317	5.8558
Rb-83	1.4161	1.7579	2.6673	2.7558
Rb-84	1.0884	1.3551	1.9688	2.0036
Rb-84m	1.7317	2.0221	2.5035	2.4309
Rb-86m	1.1514	1.3367	1.5233	1.4080
Rb-86	0.1087	0.1276	0.1420	0.1296
Rb-87	0.0000	0.0000	0.0000	0.0000
Rb-88	0.4880	0.5760	0.6353	0.5788
Rb-89	2.0854	2.4504	2.7178	2.4820
Rb-90	1.1101	1.3107	1.4452	1.3144
Rb-90m	2.5237	2.9760	3.3047	3.0221
Re-178	2.9184	3.4387	4.4676	4.4718
Re-179	3.6202	4.2474	5.4065	5.3692
Re-180	3.0094	3.5701	4.7008	4.7227
Re-181	3.5306	4.1658	5.4914	5.5409
Re-182	7.0343	8.2450	10.6488	10.6544
Re-182m	3.6098	4.2566	5.5689	5.5943
Re-183	2.5568	3.0579	4.4923	4.7492
Re-184	2.7076	3.2063	4.2006	4.2131
Re-184m	2.3903	2.8483	4.0657	4.2423
Re-186	0.2985	0.3508	0.4917	0.5080
Re-186m	0.6480	0.8805	2.0207	2.4227
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3599	0.4187	0.5351	0.5338
Re-188m	1.4840	1.8036	2.8866	3.1395
Re-189	0.3952	0.4639	0.6256	0.6375
Re-190	3.7139	4.2971	4.9927	4.7090

Nuclide	avg400	ctr400	mid400	cnr400
Re-190m	3.1492	3.6749	4.5739	4.4733
Rh-100m	1.0323	1.2509	1.8341	1.8654
Rh-100	3.4135	4.0387	4.8602	4.5912
Rh-101	2.8592	3.3149	4.2212	4.0933
Rh-101m	1.7050	2.0271	2.6425	2.6062
Rh-102	1.1112	1.3206	1.7170	1.6702
Rh-102m	4.3414	5.1048	6.1059	5.7558
Rh-103m	0.0766	0.0968	0.1708	0.1857
Rh-104	0.0276	0.0323	0.0381	0.0357
Rh-104m	1.2787	1.5190	2.0307	2.0156
Rh-105	0.3132	0.3631	0.4100	0.3889
Rh-106	0.4024	0.4669	0.5279	0.4864
Rh-106m	4.4831	5.2246	5.8647	5.4004
Rh-107	1.2141	1.4040	1.5889	1.5038
Rh-108	0.7648	0.8837	1.0017	0.9287
Rh-109	1.3761	1.5905	1.8422	1.7529
Rh-94	2.8991	3.4002	3.7878	3.4752
Rh-95	2.0303	2.3974	2.7699	2.5723
Rh-95m	1.1971	1.3965	1.6106	1.4967
Rh-96	4.6503	5.4585	6.2210	5.7465
Rh-96m	1.2329	1.4661	1.7844	1.6959
Rh-97	1.7341	2.0346	2.4410	2.3141
Rh-97m	2.8351	3.3388	4.0438	3.8408
Rh-98	1.3780	1.6130	1.8509	1.7101
Rh-99	2.4815	2.9386	3.8350	3.7610
Rh-99m	1.9493	2.3120	2.9484	2.8717
Rn-207	2.6751	3.1456	3.9490	3.8826
Rn-209	2.9848	3.5125	4.4283	4.3566
Rn-210	0.2110	0.2509	0.3363	0.3389
Rn-211	3.7092	4.3806	5.4629	5.3207
Rn-212	0.0006	0.0007	0.0008	0.0007
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0015	0.0017	0.0020	0.0018
Rn-219	0.2538	0.2938	0.3489	0.3367
Rn-220	1.4337	1.6651	1.7658	1.8862
Rn-222	0.0009	0.0011	0.0012	0.0011
Rn-223	1.3189	1.6071	2.4004	2.5039
Ru-103	1.1657	1.3487	1.5309	1.4179
Ru-105	1.6907	1.9704	2.2811	2.1366
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7009	0.8122	0.9219	0.8567

Nuclide	avg400	ctr400	mid400	cnr400
Ru-108	0.6322	0.7257	0.8707	0.8394
Ru-92	5.8584	6.8505	8.5357	8.2450
Ru-94	1.8150	2.1695	2.8402	2.7786
Ru-95	2.4482	2.9052	3.6035	3.4646
Ru-97	1.9179	2.2660	2.9853	2.9300
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.1125	1.3196	1.4409	1.2979
S-38	1.0469	1.2400	1.3587	1.2355
Sb-111	2.1235	2.4488	2.8469	2.6919
Sb-113	1.5976	1.8602	2.1864	2.0637
Sb-114	2.0509	2.4100	2.7224	2.5179
Sb-115	1.7161	2.0041	2.4148	2.2971
Sb-116	1.9387	2.2849	2.6432	2.4681
Sb-116m	5.5051	6.4264	7.5175	7.0639
Sb-117	2.1068	2.4453	3.0262	2.9467
Sb-118	0.2549	0.3032	0.4001	0.3945
Sb-118m	5.4529	6.3854	7.5424	7.1553
Sb-119	0.9307	1.1173	1.5787	1.5982
Sb-120	0.4757	0.5675	0.7710	0.7683
Sb-120m	5.8110	6.7487	7.8992	7.4499
Sb-122m	1.7862	2.0891	2.6597	2.6183
Sb-122	0.9103	1.0570	1.2011	1.1085
Sb-124	2.2335	2.6114	2.9245	2.6772
Sb-124m	0.8941	1.0443	1.2313	1.1606
Sb-124n	0.0203	0.0317	0.0991	0.1259
Sb-125	1.6301	1.9034	2.2877	2.1829
Sb-126	5.0890	5.9251	6.6748	6.1496
Sb-126m	3.0622	3.5587	4.0258	3.7186
Sb-127	1.4610	1.6982	1.9255	1.7863
Sb-128	5.6383	6.5788	7.3906	6.8279
Sb-128m	3.6563	4.2722	4.7906	4.4468
Sb-129	1.9858	2.3258	2.5974	2.3852
Sb-130m	4.2871	5.0130	5.6211	5.1844
Sb-130	6.1740	7.1935	8.0946	7.5149
Sb-131	2.5108	2.9420	3.2856	3.0138
Sb-133	2.6538	3.1165	3.4585	3.1645
Sc-42m	3.6398	4.2516	4.7388	4.3543
Sc-43	0.2792	0.3236	0.3793	0.3627
Sc-44	1.2567	1.4756	1.6439	1.5071
Sc-44m	1.1563	1.3311	1.5221	1.4525
Sc-46	2.4630	2.8931	3.2162	2.9415
Sc-47	0.9843	1.1197	1.2790	1.2168
Sc-48	3.8592	4.5281	5.0348	4.6024

Nuclide	avg400	ctr400	mid400	cnr400
Sc-49	0.0007	0.0009	0.0009	0.0009
Sc-50	3.5283	4.1315	4.6023	4.2118
Se-70	1.8382	2.2911	3.8689	4.2667
Se-71	1.3869	1.6045	1.8669	1.7668
Se-72	1.0982	1.4260	2.7363	3.1348
Se-73	2.2635	2.6590	3.4502	3.4623
Se-73m	0.2640	0.3312	0.5670	0.6251
Se-75	2.7056	3.2041	4.5514	4.7346
Se-77m	0.9011	1.0773	1.5655	1.6397
Se-79m	0.3677	0.5097	1.1720	1.3813
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0237	0.0274	0.0310	0.0291
Se-81m	0.4201	0.5687	1.2404	1.4448
Se-83m	1.2273	1.4373	1.6041	1.4726
Se-83	4.0894	4.7586	5.3416	4.9448
Se-84	1.2242	1.4086	1.5975	1.4894
Si-31	0.0009	0.0010	0.0011	0.0010
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.0897	2.4319	2.8102	2.6693
Sm-140	1.5810	1.8510	2.2449	2.1867
Sm-141	1.8900	2.2031	2.5574	2.4202
Sm-141m	3.9134	4.5523	5.2800	4.9821
Sm-142	0.8732	1.0350	1.3164	1.3183
Sm-143	0.5637	0.6675	0.8400	0.8358
Sm-143m	1.1410	1.3394	1.5128	1.4014
Sm-145	1.8194	2.1504	2.7162	2.7093
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0008	0.0011	0.0029	0.0035
Sm-153	1.2690	1.4761	1.8168	1.7875
Sm-155	1.3633	1.5531	1.8250	1.7433
Sm-156	1.1838	1.3726	1.7356	1.7275
Sm-157	1.9262	2.2126	2.5735	2.4356
Sn-106	3.1558	3.6764	4.4024	4.1957
Sn-108	3.1222	3.6286	4.3859	4.2082
Sn-109	2.8140	3.3180	3.9219	3.6938
Sn-110	1.9773	2.3118	2.8532	2.7771
Sn-111	0.6872	0.8196	1.0896	1.0741
Sn-113	0.7616	0.9112	1.2663	1.2689
Sn-113m	0.5324	0.6376	0.8905	0.8980
Sn-117m	1.9779	2.2910	2.8205	2.7458
Sn-119m	0.6064	0.7328	1.0725	1.1016

Nuclide	avg400	ctr400	mid400	cnr400
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1958	0.2373	0.3478	0.3612
Sn-123	0.0080	0.0094	0.0105	0.0095
Sn-123m	1.3506	1.5428	1.7907	1.7115
Sn-125m	1.2635	1.4639	1.6522	1.5618
Sn-125	0.4070	0.4775	0.5314	0.4870
Sn-126	1.1507	1.3381	1.7112	1.7012
Sn-127m	1.1659	1.3499	1.5260	1.4117
Sn-127	2.5998	3.0369	3.4109	3.1462
Sn-128	3.3401	3.9091	4.8221	4.6627
Sn-129	1.5352	1.7912	2.0144	1.8484
Sn-130	3.4614	4.0065	4.6871	4.4336
Sn-130m	2.1197	2.4686	2.8918	2.7322
Sr-79	1.3968	1.6568	2.1732	2.1507
Sr-80	1.1765	1.4631	2.2118	2.2663
Sr-81	1.9672	2.2744	2.7164	2.5957
Sr-82	0.3673	0.5380	1.2091	1.3540
Sr-83	1.4240	1.8098	2.8548	2.9610
Sr-85	1.4925	1.8423	2.6981	2.7353
Sr-85m	1.3857	1.6022	1.9524	1.8930
Sr-87m	1.0607	1.2409	1.5076	1.4459
Sr-89	0.0001	0.0001	0.0002	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	0.9928	1.1633	1.3002	1.1908
Sr-92	1.2633	1.4827	1.6431	1.5043
Sr-93	3.2455	3.8012	4.3468	4.0332
Sr-94	1.2633	1.4855	1.6431	1.5002
Ta-170	1.5000	1.7701	2.3607	2.3920
Ta-172	3.4097	4.0053	5.0472	4.9778
Ta-173	2.6716	3.1697	4.3494	4.4721
Ta-174	2.7173	3.1931	4.1914	4.2179
Ta-175	3.6933	4.3351	5.5199	5.4817
Ta-176	3.5107	4.1540	5.2422	5.1662
Ta-177	1.2971	1.5383	2.1418	2.2153
Ta-178	1.3352	1.5899	2.2423	2.3331
Ta-178m	6.9770	8.1078	10.0317	9.8730
Ta-179	0.6232	0.7580	1.1841	1.2799
Ta-180	1.0896	1.2983	1.8464	1.9279
Ta-182	3.0476	3.5707	4.4579	4.3794
Ta-182m	3.1849	3.7669	5.2975	5.5065
Ta-183	2.9525	3.4962	4.8835	5.0683
Ta-184	4.7128	5.5038	6.7741	6.6147
Ta-185	1.6346	1.9372	2.7524	2.8707

Nuclide	avg400	ctr400	mid400	cnr400
Ta-186	4.4947	5.2009	6.1653	5.8769
Tb-146	2.7316	3.2154	3.6206	3.3416
Tb-147m	1.9352	2.2835	2.6724	2.5393
Tb-147	3.4039	3.9779	4.6330	4.3808
Tb-148m	5.7023	6.6592	7.6309	7.1359
Tb-148	2.5164	2.9580	3.3916	3.1752
Tb-149m	2.5680	3.0179	3.5389	3.3664
Tb-149	3.1008	3.6214	4.2524	4.0616
Tb-150m	5.7750	6.7256	7.7744	7.3012
Tb-150	2.9845	3.5043	4.0765	3.8421
Tb-151	4.1419	4.8189	5.7554	5.5561
Tb-151m	0.6724	0.8422	1.4482	1.6163
Tb-152m	3.6789	4.2928	5.2003	5.0764
Tb-152	2.7708	3.2438	3.8062	3.6415
Tb-153	2.6324	3.0749	3.8251	3.7775
Tb-154	3.3104	3.8865	4.6056	4.4031
Tb-155	2.6652	3.1027	3.8625	3.8291
Tb-156	4.8059	5.6123	6.6732	6.4020
Tb-156m	0.9376	1.0906	1.2828	1.2379
Tb-156n	0.1463	0.1942	0.4157	0.4928
Tb-157	0.1810	0.2332	0.4455	0.5137
Tb-158	2.4323	2.8671	3.5451	3.4779
Tb-160	2.1856	2.5593	3.0021	2.8589
Tb-161	0.9789	1.1733	1.6706	1.7417
Tb-162	2.8241	3.2852	3.8171	3.6329
Tb-163	2.3908	2.7664	3.1795	2.9977
Tb-164	4.6841	5.4594	6.3356	5.9791
Tb-165	1.0541	1.2427	1.4813	1.4147
Tc-101	1.3288	1.5372	1.7408	1.6481
Tc-102m	3.0535	3.5627	3.9913	3.6663
Tc-102	0.1399	0.1625	0.1831	0.1690
Tc-104	2.9520	3.4403	3.8541	3.5685
Tc-105	2.3496	2.7171	3.1834	3.0175
Tc-91	1.1256	1.3309	1.5008	1.3793
Tc-91m	0.7969	0.9281	1.0630	0.9865
Tc-92	4.9722	5.7926	6.6301	6.2109
Tc-93	1.7162	2.0787	2.6913	2.5989
Tc-93m	1.2744	1.5071	1.8512	1.7675
Tc-94	4.2064	4.9972	5.9711	5.6150
Tc-94m	1.5617	1.8576	2.1939	2.0536
Tc-95	1.7113	2.0774	2.7515	2.6792
Tc-95m	2.3031	2.7349	3.5225	3.4082
Tc-96	4.1160	4.9041	5.8919	5.5616

Nuclide	avg400	ctr400	mid400	cnr400
Tc-96m	0.3446	0.4349	0.7005	0.7235
Tc-97	0.5078	0.6619	1.1541	1.2058
Tc-97m	0.4156	0.5296	0.8882	0.9248
Tc-98	2.3539	2.7508	3.0907	2.8365
Tc-99	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.3469	1.5299	1.8212	1.7381
Te-113	1.3882	1.6320	1.8362	1.6915
Te-114	2.6884	3.1611	3.8679	3.7257
Te-115	2.1854	2.5605	2.9348	2.7333
Te-115m	2.4844	2.9231	3.3456	3.1082
Te-116	1.7958	2.1112	2.7303	2.6922
Te-117	1.9589	2.3110	2.7382	2.5832
Te-118	0.7668	0.9154	1.2402	1.2397
Te-119	1.9680	2.3154	2.8183	2.6862
Te-119m	3.5136	4.0938	4.8307	4.5925
Te-121	1.9606	2.3003	2.8143	2.6933
Te-121m	1.7415	2.0183	2.4744	2.3925
Te-123	0.0189	0.0290	0.0880	0.1112
Te-123m	1.7460	2.0197	2.4612	2.3978
Te-125m	1.3345	1.5932	2.1357	2.1383
Te-127	0.0164	0.0190	0.0218	0.0204
Te-127m	0.4196	0.5042	0.7020	0.7147
Te-129	0.3341	0.3995	0.5485	0.5574
Te-129m	0.3533	0.4223	0.5677	0.5692
Te-131	1.7035	1.9552	2.2617	2.1378
Te-131m	2.7773	3.2407	3.7040	3.4611
Te-132	2.2288	2.5850	3.1176	3.0087
Te-133	2.0955	2.4403	2.7392	2.5517
Te-133m	3.1326	3.6609	4.1628	3.8706
Te-134	2.8956	3.3478	3.8683	3.6497
Th-223	1.1824	1.4291	2.1475	2.2498
Th-224	0.1963	0.2307	0.3051	0.3051
Th-226	0.1392	0.1757	0.3018	0.3255
Th-227	1.2692	1.5882	2.5917	2.7731
Th-228	0.0996	0.1360	0.2832	0.3193
Th-229	1.7219	2.1638	3.6794	3.9857
Th-230	1.3597	1.5756	1.6859	1.6364
Th-231	0.8937	1.1909	2.3319	2.5925
Th-232	1.1815	1.3942	1.5579	1.5355
Th-233	0.2894	0.3664	0.6413	0.7051
Th-234	0.2287	0.2845	0.4629	0.4927
Th-235	0.1290	0.1509	0.1808	0.1722
Th-236	0.2424	0.2925	0.4282	0.4405

Nuclide	avg400	ctr400	mid400	cnr400
Ti-44	2.4821	2.8327	3.3602	3.2779
Ti-45	0.0100	0.0140	0.0347	0.0423
Ti-51	1.2761	1.4806	1.6636	1.5712
Ti-52	1.6095	1.8485	2.3871	2.3362
Tl-190	1.8812	2.1948	2.6858	2.6056
Tl-190m	4.7652	5.5601	6.6097	6.3042
Tl-194	2.0411	2.3920	3.0467	3.0160
Tl-194m	6.2066	7.2711	8.9583	8.7011
Tl-195	2.7729	3.3265	4.6395	4.7765
Tl-196	3.3059	3.8829	4.8115	4.6969
Tl-197	2.1997	2.6031	3.5578	3.6472
Tl-198	3.6342	4.2718	5.3044	5.1850
Tl-198m	4.1150	4.8505	6.3038	6.2881
Tl-199	2.1216	2.5097	3.4825	3.5968
Tl-200	3.3805	3.9718	4.9892	4.9203
Tl-201	1.6626	1.9947	2.9931	3.1858
Tl-202	2.2813	2.6815	3.5358	3.5641
Tl-204	0.0259	0.0313	0.0490	0.0530
Tl-206m	6.3136	7.3315	8.6023	8.1703
Tl-206	0.0013	0.0015	0.0023	0.0024
Tl-207	0.0033	0.0039	0.0043	0.0040
Tl-208	2.8322	3.3183	3.7484	3.4592
Tl-209	3.9018	4.5133	5.2564	4.9484
Tl-210	3.9703	4.6840	5.5405	5.2832
Tm-161	4.8422	5.6793	7.1181	7.0472
Tm-162	2.5372	2.9856	3.6221	3.5085
Tm-163	4.0607	4.7585	5.8439	5.7193
Tm-164	1.1197	1.3235	1.6981	1.6990
Tm-165	3.1722	3.7120	4.5981	4.5339
Tm-166	3.7718	4.4411	5.4294	5.2851
Tm-167	1.9789	2.3322	3.0901	3.1368
Tm-168	4.2410	4.9581	6.0608	5.8961
Tm-170	0.0891	0.1076	0.1663	0.1802
Tm-171	0.0151	0.0180	0.0255	0.0267
Tm-172	0.7252	0.8633	1.1223	1.1241
Tm-173	1.2860	1.4853	1.7302	1.6399
Tm-174	5.3365	6.2023	7.3538	7.0677
Tm-175	2.1915	2.5585	2.9731	2.7996
Tm-176	3.7764	4.4087	5.2688	5.0643
U-227	1.2090	1.4561	2.1161	2.1861
U-228	0.1242	0.1641	0.3127	0.3444
U-230	0.1137	0.1576	0.3338	0.3755
U-231	1.9932	2.5287	4.3654	4.7092

Nuclide	avg400	ctr400	mid400	cnr400
U-232	0.1011	0.1424	0.3121	0.3532
U-233	0.0526	0.0743	0.1648	0.1876
U-234	1.3071	1.5172	1.6096	1.5210
U-235	1.5883	1.8204	1.9614	2.0555
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0821	0.1163	0.2574	0.2919
U-237	2.1559	2.6014	3.8304	3.9527
U-238	1.2007	1.4378	1.5817	1.5918
U-239	0.8311	0.9754	1.2840	1.2924
U-240	0.3145	0.4230	0.8504	0.9504
U-242	0.2981	0.3471	0.4284	0.4160
V-47	0.0098	0.0122	0.0190	0.0205
V-48	2.6178	3.0841	3.5023	3.2432
V-49	0.0501	0.0781	0.2447	0.3109
V-50	1.2451	1.4831	1.7699	1.6853
V-52	1.2273	1.4440	1.5951	1.4554
V-53	1.2841	1.5077	1.6787	1.5318
W-177	4.7994	5.6334	7.4273	7.4824
W-178	0.4161	0.5228	0.9384	1.0595
W-179	1.3853	1.6818	2.5906	2.7825
W-179m	0.9288	1.1099	1.6233	1.7110
W-181	0.9357	1.1242	1.6698	1.7714
W-185m	0.5903	0.7822	1.7043	2.0207
W-185	0.0009	0.0010	0.0014	0.0014
W-187	1.4326	1.6684	2.0373	1.9718
W-188	0.0128	0.0150	0.0196	0.0199
W-190	2.2900	2.6971	3.7047	3.8156
Xe-120	2.5988	3.0527	3.8189	3.7254
Xe-121	1.9520	2.2799	2.7042	2.5781
Xe-122	1.0656	1.2615	1.6213	1.6027
Xe-123	2.1038	2.4471	2.9658	2.8639
Xe-125	2.5191	2.9336	3.5925	3.4828
Xe-127	2.5925	3.0044	3.6427	3.5100
Xe-127m	2.1520	2.4676	2.9922	2.8824
Xe-129m	1.5795	1.8786	2.4387	2.4279
Xe-131m	0.6552	0.7821	1.0366	1.0416
Xe-133	1.0784	1.2547	1.5391	1.5159
Xe-133m	0.7685	0.9108	1.1758	1.1690
Xe-135	1.2615	1.4457	1.6535	1.5751
Xe-135m	1.0866	1.2633	1.4622	1.3684
Xe-137	0.4155	0.4803	0.5433	0.5041
Xe-138	1.5868	1.8561	2.1876	2.0905
Y-81	1.6982	1.9995	2.7070	2.7028

Nuclide	avg400	ctr400	mid400	cnr400
Y-83	1.0470	1.2988	1.8792	1.8979
Y-83m	1.1477	1.3553	1.7250	1.6892
Y-84m	3.9721	4.6715	5.2577	4.8337
Y-85	0.9702	1.1621	1.5103	1.4700
Y-85m	1.0792	1.3031	1.7093	1.6724
Y-86	4.1523	4.9351	5.9126	5.5776
Y-86m	1.3703	1.5682	1.8453	1.7480
Y-87	1.4594	1.7989	2.6213	2.6473
Y-87m	1.0363	1.2156	1.4845	1.4258
Y-88	2.7511	3.3473	4.2976	4.1555
Y-89m	1.2171	1.4312	1.5975	1.4628
Y-90	0.0001	0.0001	0.0001	0.0002
Y-90m	2.4906	2.8630	3.3253	3.1185
Y-91	0.0032	0.0038	0.0042	0.0038
Y-91m	1.1294	1.3143	1.5138	1.4047
Y-92	0.3236	0.3793	0.4232	0.3877
Y-93	0.1659	0.1926	0.2170	0.2030
Y-94	0.9570	1.1235	1.2512	1.1449
Y-95	0.7351	0.8666	0.9562	0.8703
Yb-162	2.5482	2.9669	3.7719	3.7552
Yb-163	1.7794	2.1157	2.8251	2.8707
Yb-164	1.1031	1.3068	1.7418	1.7772
Yb-165	2.7501	3.2809	4.6256	4.8364
Yb-166	2.0739	2.4497	3.2508	3.3158
Yb-167	4.3287	5.0785	6.7450	6.8486
Yb-169	4.9243	5.7555	7.3923	7.3948
Yb-175	0.2034	0.2353	0.2841	0.2756
Yb-177	0.7389	0.8549	1.0324	0.9997
Yb-178	0.1407	0.1639	0.1981	0.1924
Yb-179	2.3112	2.6853	3.1105	2.9154
Zn-60	1.4154	1.6456	1.9112	1.8004
Zn-61	0.5429	0.6357	0.7173	0.6628
Zn-62	1.2480	1.5212	2.3050	2.4556
Zn-63	0.2158	0.2575	0.3273	0.3211
Zn-65	0.8027	1.0075	1.6541	1.8070
Zn-69	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.1352	1.3123	1.5186	1.4292
Zn-71	0.6365	0.7376	0.8343	0.7715
Zn-71m	3.5880	4.1497	4.6992	4.3557
Zn-72	1.7414	2.0800	3.1539	3.3591
Zr-85	1.0979	1.2798	1.4897	1.3976
Zr-86	2.3516	2.8997	4.2937	4.3683
Zr-87	0.1659	0.2126	0.3349	0.3429

Nuclide	avg400	ctr400	mid400	cnr400
Zr-88	1.6079	1.9589	2.7576	2.7556
Zr-89	1.5618	1.9113	2.5510	2.4901
Zr-89m	1.1574	1.3537	1.5749	1.4635
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.1489	1.3465	1.5058	1.3828
Zr-97	1.3785	1.6153	1.8161	1.6726

Table 4: Composite 2- 1 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.3856	0.3179	0.3800	0.4243	0.2909	0.2459	0.3494	0.4009
Ac-224	3.3785	2.9226	3.3797	3.5962	3.1452	2.9619	3.4601	3.6548
Ac-225	0.5414	0.4584	0.5374	0.5939	0.4049	0.3428	0.4817	0.5537
Ac-226	1.4754	1.2712	1.4741	1.5657	1.4045	1.3275	1.5394	1.6144
Ac-227	0.1295	0.1027	0.1260	0.1465	0.0776	0.0556	0.1034	0.1288
Ac-228	2.1641	1.8024	2.1347	2.3110	2.1248	1.9897	2.3736	2.4538
Ac-230	0.9380	0.7709	0.9215	0.9986	0.9090	0.8408	1.0178	1.0587
Ac-231	3.1019	2.6593	3.0933	3.2690	3.1175	2.9985	3.4079	3.5224
Ac-232	1.4658	1.1907	1.4317	1.5561	1.4700	1.3683	1.6446	1.6819
Ac-233	1.2675	1.0362	1.2505	1.3379	1.3592	1.3119	1.4942	1.5061
Ag-100m	2.2481	1.8074	2.1857	2.3489	2.5638	2.4806	2.7783	2.7196
Ag-101	2.0201	1.7102	2.0024	2.1156	2.1709	2.1177	2.3378	2.3454
Ag-102m	1.4273	1.1512	1.3948	1.4928	1.5914	1.5306	1.7468	1.7212
Ag-102	3.4269	2.7850	3.3522	3.5828	3.8531	3.7284	4.1817	4.1170
Ag-103	2.4195	2.1304	2.4299	2.5407	2.4450	2.3675	2.6173	2.7026
Ag-104	4.3755	3.6395	4.3147	4.6013	4.7643	4.6109	5.1684	5.1441
Ag-104m	1.7772	1.4865	1.7565	1.8637	1.9243	1.8620	2.0908	2.0916
Ag-105	2.5820	2.2868	2.5966	2.7229	2.5750	2.4832	2.7998	2.9181
Ag-105m	0.0498	0.0368	0.0476	0.0569	0.0296	0.0206	0.0408	0.0511
Ag-106	0.5203	0.4746	0.5284	0.5524	0.4838	0.4600	0.5264	0.5591
Ag-106m	5.3389	4.4561	5.2768	5.6106	5.8023	5.6251	6.2703	6.2789
Ag-108	0.0507	0.0446	0.0507	0.0536	0.0507	0.0487	0.0547	0.0567
Ag-108m	4.1124	3.4897	4.0820	4.3331	4.3948	4.2653	4.7279	4.7931
Ag-109m	0.4241	0.4029	0.4353	0.4545	0.3440	0.3169	0.3781	0.4191
Ag-110	0.0590	0.0486	0.0577	0.0619	0.0661	0.0644	0.0712	0.0704
Ag-110m	3.9369	3.1710	3.8353	4.1299	4.4959	4.3679	4.8646	4.7549
Ag-111	0.1122	0.0945	0.1114	0.1170	0.1233	0.1208	0.1343	0.1366
Ag-111m	0.2432	0.2262	0.2478	0.2627	0.1904	0.1716	0.2140	0.2405
Ag-112	0.8953	0.7222	0.8704	0.9342	1.0231	0.9921	1.1053	1.0845
Ag-113m	0.8402	0.7094	0.8343	0.8818	0.8917	0.8641	0.9769	1.0015
Ag-113	0.2488	0.2087	0.2462	0.2591	0.2743	0.2687	0.3001	0.3018
Ag-114	0.3728	0.3024	0.3651	0.3890	0.4238	0.4129	0.4588	0.4514
Ag-115	0.8780	0.7290	0.8654	0.9158	0.9731	0.9511	1.0498	1.0377
Ag-116	2.1513	1.7257	2.1034	2.2435	2.4602	2.3851	2.6894	2.6263
Ag-117	1.7295	1.4295	1.7069	1.8020	1.9154	1.8584	2.0801	2.0775
Ag-99	2.4353	2.0112	2.3964	2.5437	2.6998	2.6329	2.9189	2.8873
Al-26	1.1557	0.8864	1.1090	1.1947	1.3578	1.2972	1.4921	1.4395
Al-28	1.1264	0.8635	1.0795	1.1632	1.3274	1.2651	1.4588	1.4057
Al-29	1.2112	0.9297	1.1605	1.2400	1.4010	1.3457	1.4876	1.4570
Am-237	3.5046	3.0399	3.5033	3.7277	3.2763	3.0913	3.6115	3.8249
Am-238	3.2957	2.8182	3.2754	3.5141	3.1522	2.9677	3.4774	3.6300
Am-239	4.2974	3.7498	4.3005	4.5979	3.8046	3.5305	4.2286	4.5569

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-240	3.6146	3.0854	3.5892	3.8815	3.3717	3.1416	3.7609	3.9506
Am-241	1.0736	1.0320	0.9837	1.0088	1.1443	1.1612	1.1575	1.1279
Am-242	0.6778	0.5987	0.6798	0.7357	0.5267	0.4623	0.6071	0.6868
Am-242m	0.4723	0.4111	0.4712	0.5219	0.3163	0.2539	0.3878	0.4633
Am-243	1.3546	1.2102	1.3754	1.4415	1.2431	1.1745	1.3603	1.4340
Am-244	3.2413	2.7781	3.2244	3.4830	2.9127	2.6695	3.2785	3.5063
Am-244m	0.2515	0.2215	0.2517	0.2752	0.1840	0.1557	0.2178	0.2515
Am-245	0.4486	0.3921	0.4493	0.4778	0.4111	0.3868	0.4528	0.4818
Am-246	4.5912	3.9735	4.5771	4.9231	4.0968	3.7642	4.5911	4.9278
Am-246m	1.7785	1.4663	1.7467	1.8941	1.8152	1.7174	2.0049	2.0356
Am-247	1.6094	1.4044	1.6112	1.7073	1.5153	1.4366	1.6652	1.7582
Ar-37	0.0557	0.0400	0.0529	0.0643	0.0301	0.0191	0.0437	0.0564
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.1960	0.9176	1.1446	1.2232	1.3842	1.3278	1.4649	1.4366
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.4378	1.1359	1.3938	1.5046	1.6610	1.6050	1.8103	1.7565
Ar-44	2.3683	1.9252	2.3176	2.4605	2.6687	2.5785	2.8846	2.8346
As-68	2.8429	2.2581	2.7569	2.9835	3.2691	3.1636	3.5577	3.4592
As-69	0.5438	0.4455	0.5352	0.5778	0.5418	0.5123	0.5996	0.6198
As-70	3.7921	3.0087	3.6780	3.9845	4.3036	4.1556	4.6841	4.5843
As-71	2.3183	1.8787	2.2777	2.5015	2.0948	1.9052	2.3865	2.5727
As-72	1.3156	1.0461	1.2828	1.3963	1.4244	1.3628	1.5744	1.5647
As-73	2.1244	1.5590	2.0290	2.4374	1.2094	0.8143	1.6993	2.1540
As-74	1.2676	1.0074	1.2310	1.3638	1.2341	1.1424	1.3965	1.4604
As-76	0.7485	0.6109	0.7341	0.7820	0.8477	0.8278	0.9146	0.9027
As-77	0.0432	0.0366	0.0430	0.0452	0.0462	0.0455	0.0496	0.0497
As-78	1.6795	1.3480	1.6329	1.7512	1.9192	1.8617	2.0699	2.0313
As-79	0.0766	0.0631	0.0757	0.0806	0.0861	0.0843	0.0928	0.0932
At-204	5.7381	4.7669	5.6786	6.0647	6.0616	5.8417	6.6028	6.7092
At-205	3.2281	2.7078	3.2033	3.4323	3.1783	3.0005	3.5025	3.6358
At-206	5.9360	4.9322	5.8755	6.2747	6.2729	6.0471	6.8189	6.9263
At-207	4.8115	3.9996	4.7584	5.0988	4.8843	4.6388	5.3713	5.5042
At-208	7.2680	6.0346	7.1705	7.6895	7.5572	7.2280	8.2560	8.3765
At-209	6.7916	5.6668	6.7325	7.1978	6.8955	6.5740	7.5676	7.7373
At-210	5.7437	4.7113	5.6400	6.0526	5.8882	5.5770	6.4342	6.5577
At-211	0.9122	0.7841	0.9151	0.9837	0.7818	0.7117	0.8812	0.9651
At-215	0.0007	0.0006	0.0007	0.0007	0.0007	0.0007	0.0007	0.0008
At-216	0.0451	0.0389	0.0453	0.0483	0.0407	0.0379	0.0453	0.0486
At-217	0.0016	0.0014	0.0016	0.0017	0.0016	0.0016	0.0018	0.0018
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.1495	1.8200	2.1353	2.2547	2.2831	2.2319	2.4668	2.4931
Au-186	3.5775	2.9962	3.5440	3.7855	3.6502	3.4976	4.0028	4.0817

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Au-187	3.1137	2.5663	3.0724	3.3449	2.9118	2.6959	3.2800	3.4510
Au-190	4.0993	3.3899	4.0454	4.3329	4.2222	4.0262	4.7043	4.7865
Au-191	3.8613	3.2406	3.8359	4.1423	3.6484	3.4224	4.0764	4.2903
Au-192	3.8655	3.1939	3.8133	4.0896	3.9414	3.7420	4.4025	4.5014
Au-193	2.6656	2.2601	2.6582	2.8779	2.3765	2.1973	2.6845	2.8669
Au-193m	1.9184	1.5845	1.8933	2.0692	1.7272	1.5934	1.9639	2.1030
Au-194	3.2339	2.6925	3.1998	3.4369	3.2071	3.0321	3.5825	3.7098
Au-195	2.4723	2.0643	2.4539	2.7042	2.0195	1.7964	2.3528	2.5984
Au-195m	1.9379	1.6016	1.9131	2.0900	1.7443	1.6081	1.9861	2.1288
Au-196	3.0374	2.5583	3.0233	3.2384	2.9814	2.8295	3.3176	3.4824
Au-196m	4.4437	3.6917	4.4023	4.8214	3.8088	3.4310	4.3734	4.7880
Au-198	1.2469	1.0370	1.2409	1.3186	1.3764	1.3487	1.4609	1.5054
Au-198m	6.2500	5.3022	6.2176	6.6552	5.9892	5.6784	6.6020	6.8797
Au-199	1.2791	1.0860	1.2776	1.3614	1.2195	1.1453	1.3397	1.4189
Au-200	0.4686	0.3792	0.4590	0.4884	0.5229	0.5068	0.5611	0.5662
Au-200m	6.5422	5.4610	6.4827	6.8777	7.0307	6.8393	7.6235	7.6922
Au-201	0.1914	0.1546	0.1879	0.2082	0.1669	0.1496	0.1935	0.2112
Au-202	0.2908	0.2358	0.2857	0.3051	0.3266	0.3180	0.3506	0.3503
Ba-124	1.8495	1.6408	1.8621	1.9466	1.7944	1.7218	1.9460	2.0126
Ba-126	2.2409	1.9612	2.2443	2.3554	2.2434	2.1679	2.4311	2.4807
Ba-127	1.0609	0.9546	1.0727	1.1168	1.0007	0.9567	1.0857	1.1322
Ba-128	1.0626	0.9815	1.0826	1.1222	0.9388	0.8888	1.0304	1.0971
Ba-129	1.1716	1.0613	1.1861	1.2363	1.0741	1.0212	1.1735	1.2330
Ba-129m	4.3176	3.6679	4.2894	4.5421	4.4813	4.3184	4.8563	4.9265
Ba-131	2.8640	2.5325	2.8859	3.0102	2.8419	2.7506	3.0757	3.1692
Ba-131m	1.5068	1.3443	1.5210	1.5919	1.4078	1.3501	1.5238	1.6061
Ba-133	3.2203	2.8701	3.2554	3.3877	3.1283	3.0095	3.4059	3.5610
Ba-133m	1.0458	0.9235	1.0515	1.1191	0.8887	0.8179	1.0055	1.0939
Ba-135m	0.8544	0.7790	0.8674	0.9028	0.7650	0.7256	0.8407	0.8927
Ba-137m	1.1887	0.9826	1.1641	1.2468	1.3220	1.2860	1.4248	1.4116
Ba-139	0.4399	0.3830	0.4426	0.4592	0.4569	0.4431	0.4855	0.4982
Ba-140	0.9094	0.7570	0.9004	0.9755	0.8413	0.7783	0.9514	1.0138
Ba-141	2.6326	2.2087	2.6052	2.7460	2.8818	2.8143	3.1148	3.1132
Ba-142	2.2533	1.8832	2.2274	2.3644	2.4437	2.3809	2.6339	2.6234
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1261	0.1043	0.1254	0.1322	0.1416	0.1392	0.1528	0.1528
Bi-197	3.6189	2.9844	3.5697	3.8576	3.5962	3.3855	3.9823	4.1028
Bi-200	6.8257	5.6898	6.7706	7.2504	7.1047	6.8437	7.7403	7.9079
Bi-201	3.6568	3.0150	3.6069	3.8906	3.6580	3.4459	4.0449	4.1543
Bi-202	6.2459	5.1673	6.1669	6.6318	6.5604	6.3003	7.1629	7.2703
Bi-203	4.3889	3.6034	4.3230	4.6550	4.4806	4.2407	4.9466	5.0377
Bi-204	6.3363	5.2231	6.2502	6.7350	6.6127	6.3280	7.2575	7.3659
Bi-205	3.4318	2.8229	3.3805	3.6556	3.4162	3.2091	3.7963	3.9061

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Bi-206	7.3436	6.0613	7.2541	7.7770	7.6667	7.3368	8.4190	8.5239
Bi-207	3.8498	3.1858	3.7996	4.0981	3.9056	3.7100	4.3040	4.4038
Bi-208	2.1827	1.7557	2.1392	2.3318	2.1477	1.9740	2.4787	2.5278
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4464	1.2236	1.4371	1.5177	1.5160	1.4750	1.6592	1.6889
Bi-211	0.2240	0.1883	0.2228	0.2361	0.2349	0.2268	0.2580	0.2674
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3050	0.2421	0.2970	0.3332	0.2612	0.2293	0.3073	0.3355
Bi-213	0.4265	0.3566	0.4249	0.4509	0.4551	0.4421	0.4902	0.5038
Bi-214	1.6249	1.2947	1.5763	1.6941	1.8571	1.7935	2.0118	1.9700
Bi-215	1.0919	0.9214	1.0851	1.1498	1.1203	1.0773	1.2317	1.2653
Bi-216	1.8629	1.5426	1.8442	1.9576	2.0657	2.0191	2.2258	2.2360
Bk-245	3.5490	3.1139	3.5593	3.7758	3.2667	3.0823	3.5829	3.8130
Bk-246	3.4903	2.9910	3.4741	3.7326	3.2251	2.9996	3.5914	3.7979
Bk-247	1.7186	1.5083	1.7294	1.8112	1.6887	1.6302	1.8214	1.8886
Bk-248m	0.8023	0.7061	0.8047	0.8607	0.6915	0.6344	0.7743	0.8432
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4698	1.2098	1.4411	1.5756	1.5302	1.4559	1.6946	1.6993
Bk-251	1.8811	1.6534	1.8872	2.0113	1.6551	1.5293	1.8429	1.9927
Br-72	2.3864	1.9020	2.3247	2.5071	2.6812	2.5857	2.9213	2.8748
Br-73	1.5643	1.3231	1.5552	1.6601	1.6110	1.5525	1.7630	1.7929
Br-74	2.6558	2.1129	2.5797	2.7825	2.9905	2.8782	3.2778	3.2149
Br-74m	3.3314	2.6642	3.2355	3.4880	3.7527	3.6187	4.0826	4.0184
Br-75	2.0206	1.6841	1.9982	2.1301	2.0931	2.0151	2.3122	2.3782
Br-76	2.6083	2.0763	2.5395	2.7595	2.7602	2.6123	3.0672	3.0944
Br-76m	1.8281	1.5665	1.8251	2.0125	1.3283	1.1259	1.5896	1.8356
Br-77	1.9187	1.5523	1.8817	2.0902	1.6438	1.4661	1.9168	2.1042
Br-77m	0.8639	0.7173	0.8527	0.9580	0.6111	0.5017	0.7421	0.8827
Br-78	0.2387	0.1928	0.2326	0.2563	0.2327	0.2159	0.2615	0.2736
Br-80	0.1578	0.1269	0.1536	0.1703	0.1483	0.1357	0.1684	0.1787
Br-80m	1.6211	1.3786	1.6133	1.7996	1.0933	0.8807	1.3424	1.6074
Br-82m	0.6861	0.5580	0.6730	0.7749	0.4144	0.3022	0.5404	0.6826
Br-82	4.0215	3.2476	3.9281	4.2074	4.5785	4.4550	4.9470	4.8489
Br-83	0.0159	0.0131	0.0157	0.0166	0.0178	0.0174	0.0193	0.0191
Br-84m	3.6396	2.9156	3.5526	3.8094	4.1671	4.0370	4.4899	4.4333
Br-84	1.2899	1.0156	1.2528	1.3523	1.4920	1.4438	1.6359	1.5826
Br-85	0.0884	0.0710	0.0864	0.0930	0.1010	0.0983	0.1098	0.1069
C-10	1.2242	0.9943	1.1972	1.2837	1.3904	1.3555	1.5025	1.4730
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0994	0.0714	0.0944	0.1148	0.0538	0.0341	0.0780	0.1007
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.0573	0.8189	1.0166	1.0855	1.2198	1.1734	1.2961	1.2716

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ca-49	1.0439	0.7921	1.0103	1.0974	1.2342	1.1878	1.3853	1.3301
Cd-101	2.7217	2.2994	2.6925	2.8437	2.8943	2.7948	3.1120	3.1208
Cd-102	2.3151	2.0223	2.3231	2.4417	2.3558	2.2767	2.5440	2.6090
Cd-103	2.1637	1.8340	2.1401	2.2718	2.2510	2.1447	2.4554	2.4747
Cd-104	2.0542	1.8898	2.0932	2.1734	1.9105	1.8253	2.0552	2.1639
Cd-105	1.5279	1.3124	1.5173	1.6071	1.5594	1.4856	1.7001	1.7285
Cd-107	1.2013	1.1572	1.2372	1.2857	0.9685	0.8940	1.0597	1.1763
Cd-109	1.1202	1.0794	1.1538	1.1999	0.8971	0.8259	0.9835	1.0946
Cd-111m	2.2064	1.9333	2.2141	2.3110	2.2724	2.2248	2.4267	2.4624
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0009	0.0008	0.0009	0.0009	0.0008	0.0007	0.0008	0.0009
Cd-115	0.5053	0.4234	0.5023	0.5291	0.5561	0.5446	0.6024	0.5996
Cd-115m	0.0408	0.0325	0.0397	0.0429	0.0468	0.0455	0.0506	0.0493
Cd-117	1.7420	1.4229	1.7072	1.8125	1.9502	1.8929	2.1053	2.0905
Cd-117m	1.9188	1.5181	1.8626	2.0034	2.2065	2.1378	2.3992	2.3375
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.0679	1.6781	2.0227	2.1507	2.3345	2.2607	2.5478	2.5183
Cd-119m	2.2801	1.8112	2.2145	2.3810	2.6120	2.5279	2.8325	2.7672
Ce-130	2.8819	2.5496	2.9029	3.0307	2.8306	2.7309	3.0646	3.1643
Ce-131	3.1087	2.6389	3.0911	3.2738	3.2025	3.0788	3.4714	3.5448
Ce-132	2.7717	2.4508	2.7928	2.9086	2.7478	2.6534	2.9597	3.0416
Ce-133	2.4411	2.2229	2.4836	2.5739	2.2597	2.1686	2.4403	2.5553
Ce-133m	4.2754	3.6664	4.2663	4.4889	4.4195	4.2689	4.7925	4.8542
Ce-134	0.8991	0.8373	0.9203	0.9549	0.7538	0.7038	0.8332	0.8983
Ce-135	3.1994	2.7656	3.1966	3.3590	3.2794	3.1788	3.5664	3.6223
Ce-137	1.0871	0.9776	1.1008	1.1689	0.8705	0.7885	0.9902	1.0921
Ce-137m	0.8531	0.7752	0.8674	0.9054	0.7551	0.7134	0.8307	0.8761
Ce-139	2.2405	1.9972	2.2678	2.3553	2.1596	2.0676	2.3262	2.4294
Ce-141	0.9739	0.8581	0.9838	1.0193	0.9895	0.9602	1.0542	1.0892
Ce-143	1.7558	1.5485	1.7684	1.8477	1.7306	1.6702	1.8946	1.9395
Ce-144	0.3041	0.2717	0.3082	0.3197	0.2977	0.2882	0.3197	0.3315
Ce-145	2.7009	2.3404	2.7043	2.8493	2.7208	2.6213	2.9585	2.9980
Cf-244	0.1653	0.1466	0.1658	0.1819	0.1129	0.0923	0.1363	0.1616
Cf-246	0.1135	0.1007	0.1138	0.1249	0.0777	0.0636	0.0937	0.1110
Cf-247	2.6700	2.3449	2.6758	2.8793	2.2065	1.9886	2.5039	2.7715
Cf-248	0.1359	0.1205	0.1363	0.1495	0.0932	0.0764	0.1123	0.1330
Cf-249	1.5798	1.3433	1.5751	1.6794	1.5825	1.5109	1.7269	1.8239
Cf-250	0.1169	0.1028	0.1170	0.1279	0.0858	0.0726	0.1017	0.1173
Cf-251	2.1246	1.8625	2.1300	2.2673	1.9107	1.7812	2.1131	2.2672
Cf-252	0.7178	0.5950	0.7073	0.7557	0.7596	0.7280	0.8308	0.8382
Cf-253	0.3654	0.3212	0.3655	0.4018	0.2504	0.2046	0.3042	0.3567
Cf-254	22.5969	18.5089	22.2006	23.6137	25.3371	24.6454	27.4243	27.1105
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.4172	1.1530	1.3942	1.4746	1.5853	1.5371	1.7177	1.7028
Cl-36	0.0008	0.0006	0.0007	0.0009	0.0004	0.0003	0.0006	0.0008
Cl-38	0.8247	0.6326	0.7918	0.8529	0.9713	0.9262	1.0764	1.0329
Cl-39	1.8182	1.4508	1.7635	1.8764	2.0719	2.0070	2.2122	2.1682
Cl-40	2.1964	1.6923	2.1112	2.2768	2.5773	2.4599	2.8369	2.7321
Cm-238	1.7359	1.5301	1.7430	1.8510	1.5587	1.4596	1.7144	1.8409
Cm-239	3.5974	3.1414	3.6041	3.8064	3.4486	3.2848	3.7477	3.9206
Cm-240	0.1889	0.1667	0.1892	0.2082	0.1273	0.1027	0.1549	0.1844
Cm-241	4.0143	3.4640	4.0113	4.2982	3.6333	3.3727	4.0483	4.3465
Cm-242	0.1696	0.1496	0.1698	0.1869	0.1142	0.0922	0.1390	0.1655
Cm-243	2.1451	1.8550	2.1405	2.3022	1.8749	1.7252	2.1049	2.2786
Cm-244	0.1456	0.1284	0.1458	0.1605	0.0980	0.0791	0.1194	0.1421
Cm-245	2.2752	1.9957	2.2812	2.4331	2.0083	1.8628	2.2248	2.4030
Cm-246	0.1209	0.1064	0.1210	0.1330	0.0836	0.0684	0.1010	0.1191
Cm-247	1.0689	0.8945	1.0645	1.1291	1.1726	1.1494	1.2438	1.2845
Cm-248	1.8705	1.5390	1.8398	1.9609	2.0484	1.9804	2.2271	2.2196
Cm-249	0.2202	0.1647	0.2111	0.2487	0.1478	0.1130	0.1928	0.2314
Cm-250	17.8426	14.6147	17.5298	18.6469	19.9974	19.4483	21.6477	21.4030
Cm-251	0.4491	0.3824	0.4471	0.4762	0.4482	0.4277	0.4913	0.5088
Co-54m	3.5810	2.8436	3.4802	3.7328	4.1042	3.9703	4.3855	4.3469
Co-55	1.6759	1.3331	1.6315	1.7720	1.8622	1.7924	2.0377	2.0120
Co-56	3.3159	2.5804	3.2068	3.4944	3.6306	3.4531	4.0051	3.9699
Co-57	2.3589	1.9606	2.3331	2.5470	2.0703	1.8909	2.3550	2.5760
Co-58	1.5658	1.2305	1.5244	1.6798	1.5818	1.4793	1.7852	1.8222
Co-58m	0.3984	0.2861	0.3783	0.4600	0.2158	0.1367	0.3125	0.4034
Co-60	2.4187	1.8694	2.3209	2.4928	2.7991	2.6913	2.9819	2.9148
Co-60m	0.4656	0.3393	0.4438	0.5347	0.2651	0.1777	0.3735	0.4732
Co-61	1.1987	1.0681	1.2152	1.2724	1.1830	1.1502	1.2801	1.2965
Co-62	1.3848	1.0763	1.3339	1.4381	1.6018	1.5459	1.7257	1.6787
Co-62m	2.4707	1.9211	2.3800	2.5648	2.8554	2.7585	3.0669	2.9890
Cr-48	3.1284	2.6649	3.1144	3.2803	3.2386	3.1456	3.5403	3.6455
Cr-49	1.4871	1.3109	1.5029	1.5575	1.5284	1.4967	1.6181	1.6532
Cr-51	0.3623	0.2767	0.3497	0.4023	0.2732	0.2249	0.3448	0.3991
Cr-55	0.0005	0.0004	0.0005	0.0005	0.0006	0.0006	0.0007	0.0006
Cr-56	1.9420	1.7397	1.9733	2.0543	1.8192	1.7368	1.9668	2.0590
Cs-121	1.0697	0.9215	1.0694	1.1193	1.1244	1.0938	1.2052	1.2239
Cs-121m	2.0137	1.7343	2.0107	2.1084	2.1138	2.0586	2.2717	2.2938
Cs-123	1.5543	1.3675	1.5603	1.6299	1.5646	1.5163	1.6824	1.7200
Cs-124	0.5350	0.4502	0.5311	0.5604	0.5783	0.5618	0.6300	0.6402
Cs-125	1.2866	1.1339	1.2936	1.3529	1.2798	1.2338	1.3881	1.4252
Cs-126	0.8911	0.7555	0.8885	0.9395	0.9529	0.9274	1.0228	1.0487
Cs-127	2.0574	1.8194	2.0748	2.1699	2.0433	1.9738	2.1980	2.2909

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cs-128	0.6611	0.5775	0.6646	0.6969	0.6674	0.6446	0.7209	0.7437
Cs-129	1.9648	1.7746	1.9919	2.0740	1.8600	1.7808	2.0184	2.1249
Cs-130m	1.7719	1.6146	1.8046	1.8771	1.5734	1.4856	1.7230	1.8377
Cs-130	0.5206	0.4852	0.5315	0.5502	0.4538	0.4272	0.4977	0.5297
Cs-131	0.8039	0.7634	0.8255	0.8514	0.6672	0.6230	0.7340	0.7938
Cs-132	2.0631	1.7928	2.0551	2.1707	2.0960	2.0165	2.2720	2.3082
Cs-134	2.7303	2.2230	2.6753	2.8606	3.0951	3.0195	3.3454	3.2862
Cs-134m	0.7496	0.6496	0.7498	0.8098	0.6102	0.5485	0.7009	0.7792
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.4274	1.9590	2.3802	2.5521	2.7539	2.6832	2.9935	2.9186
Cs-136	3.7777	3.0951	3.7140	3.9648	4.2148	4.1041	4.5669	4.5155
Cs-137	1.3642	1.1321	1.1766	1.2873	1.5506	1.5251	1.6567	1.6309
Cs-138m	1.2823	1.1102	1.2805	1.3469	1.2748	1.2178	1.3862	1.4237
Cs-138	2.3516	1.8637	2.2824	2.4496	2.7067	2.6096	2.9365	2.8700
Cs-139	0.2390	0.1859	0.2302	0.2469	0.2769	0.2661	0.2994	0.2915
Cs-140	1.5916	1.2668	1.5457	1.6611	1.8315	1.7722	1.9969	1.9457
Cu-57	0.1243	0.0978	0.1202	0.1304	0.1429	0.1384	0.1545	0.1503
Cu-59	0.6193	0.4949	0.6039	0.6458	0.6997	0.6772	0.7561	0.7502
Cu-60	2.3826	1.8433	2.2931	2.4685	2.7425	2.6263	2.9749	2.9034
Cu-61	0.6933	0.5532	0.6760	0.7481	0.6469	0.5932	0.7411	0.7868
Cu-62	0.0191	0.0142	0.0183	0.0213	0.0147	0.0120	0.0183	0.0208
Cu-64	0.2441	0.1755	0.2317	0.2811	0.1357	0.0880	0.1940	0.2483
Cu-66	0.1171	0.0932	0.1136	0.1242	0.1349	0.1313	0.1467	0.1420
Cu-67	1.2442	1.0640	1.2413	1.3095	1.2634	1.2204	1.3615	1.3931
Cu-69	0.7086	0.5686	0.6908	0.7475	0.8118	0.7901	0.8817	0.8584
Dy-148	2.3159	1.9772	2.3015	2.4499	2.3314	2.2393	2.5486	2.5823
Dy-149	3.6140	3.0632	3.5925	3.8140	3.6528	3.5061	3.9950	4.0275
Dy-150	1.4989	1.2900	1.5055	1.5941	1.4908	1.4377	1.6128	1.6793
Dy-151	3.4217	2.8643	3.3909	3.6254	3.4591	3.3019	3.8043	3.8702
Dy-152	2.4450	2.1233	2.4520	2.5789	2.4169	2.3480	2.6332	2.6775
Dy-153	4.4353	3.8470	4.4498	4.6960	4.2910	4.1133	4.7041	4.8169
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.0525	2.6295	3.0504	3.2222	3.0427	2.9377	3.3171	3.3537
Dy-157	2.4950	2.1578	2.5010	2.6298	2.4644	2.3673	2.7405	2.8271
Dy-159	1.3597	1.2126	1.3788	1.4557	1.1689	1.0954	1.3116	1.3791
Dy-165m	0.4154	0.3326	0.4070	0.4597	0.3093	0.2608	0.3781	0.4322
Dy-165	0.2393	0.2089	0.2406	0.2540	0.2267	0.2174	0.2491	0.2576
Dy-166	1.1191	0.9708	1.1249	1.2034	0.9617	0.8917	1.0893	1.1635
Dy-167	2.0856	1.7627	2.0710	2.1903	2.1952	2.1369	2.3960	2.4177
Dy-168	2.0411	1.7378	2.0356	2.1576	2.0643	1.9906	2.2518	2.2982
Er-154	1.5935	1.4090	1.6072	1.7162	1.3143	1.2064	1.4997	1.6128
Er-156	2.1505	1.8301	2.1454	2.3414	1.7008	1.5136	1.9943	2.1998
Er-159	2.8783	2.4370	2.8559	3.0430	2.8929	2.7743	3.1734	3.2219

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Er-161	3.0485	2.5689	3.0277	3.2353	3.0216	2.8864	3.3390	3.3917
Er-163	1.1706	1.0324	1.1817	1.2548	1.0079	0.9440	1.1378	1.2013
Er-165	1.1344	0.9990	1.1446	1.2168	0.9732	0.9098	1.1004	1.1637
Er-167m	1.0438	0.8867	1.0368	1.1082	1.0099	0.9641	1.1152	1.1430
Er-169	0.0115	0.0083	0.0109	0.0133	0.0063	0.0040	0.0090	0.0117
Er-171	2.6565	2.2687	2.6479	2.7947	2.6870	2.5961	2.9723	3.0596
Er-172	2.3102	1.9626	2.3011	2.4541	2.3091	2.2204	2.5267	2.6031
Er-173	4.0718	3.4713	4.0522	4.2965	4.1636	4.0343	4.5284	4.5715
Es-249	2.9984	2.6056	3.0018	3.1866	2.8510	2.6987	3.1232	3.3049
Es-250	8.6969	7.5696	8.6975	9.3117	7.7660	7.1709	8.6973	9.3397
Es-250m	2.6234	2.2740	2.6185	2.7939	2.4662	2.3186	2.7177	2.8594
Es-251	2.4116	2.1207	2.4183	2.5895	2.0483	1.8657	2.3064	2.5222
Es-253	0.0454	0.0397	0.0454	0.0500	0.0313	0.0257	0.0380	0.0447
Es-254	1.6466	1.4111	1.6357	1.8243	1.0949	0.8704	1.3580	1.6195
Es-254m	1.4120	1.1982	1.3957	1.5036	1.3727	1.2878	1.5200	1.5752
Es-255	0.0009	0.0008	0.0009	0.0010	0.0010	0.0010	0.0011	0.0011
Es-256	0.2158	0.1937	0.2172	0.2360	0.1519	0.1271	0.1809	0.2099
Eu-142	0.3152	0.2582	0.3099	0.3306	0.3412	0.3274	0.3734	0.3676
Eu-142m	4.3141	3.4942	4.2244	4.5610	4.7635	4.6102	5.2048	5.1395
Eu-143	0.6065	0.5132	0.6026	0.6393	0.6129	0.5833	0.6713	0.6727
Eu-144	0.2675	0.2241	0.2646	0.2812	0.2737	0.2582	0.3021	0.3007
Eu-145	2.4388	2.0606	2.4237	2.5813	2.5026	2.3982	2.7439	2.7382
Eu-146	4.2925	3.5634	4.2295	4.5142	4.6199	4.4602	5.0156	4.9770
Eu-147	2.6009	2.2795	2.6171	2.7521	2.5308	2.4299	2.7551	2.8007
Eu-148	4.9888	4.1691	4.9316	5.2479	5.3712	5.2053	5.8211	5.8055
Eu-149	1.2701	1.1233	1.2855	1.3656	1.0764	0.9922	1.2156	1.2903
Eu-150	4.7236	3.9859	4.6996	4.9663	5.0203	4.8707	5.4645	5.5325
Eu-150m	0.2104	0.1828	0.2116	0.2226	0.2070	0.1985	0.2267	0.2332
Eu-152	3.0778	2.6111	3.0621	3.2424	3.1781	3.0628	3.4549	3.4849
Eu-152m	0.8403	0.7188	0.8392	0.8908	0.8505	0.8180	0.9297	0.9356
Eu-152n	1.6643	1.4316	1.6689	1.7817	1.4987	1.4028	1.6602	1.7688
Eu-154	2.5779	2.1408	2.5422	2.7065	2.7670	2.6818	2.9870	2.9852
Eu-154m	1.8792	1.6120	1.8799	2.0314	1.5974	1.4630	1.8138	1.9581
Eu-155	1.1629	1.0288	1.1759	1.2281	1.1180	1.0805	1.2040	1.2455
Eu-156	1.5062	1.2150	1.4721	1.5788	1.6451	1.5841	1.7889	1.7701
Eu-157	2.0494	1.7684	2.0561	2.1895	1.9340	1.8353	2.1404	2.2303
Eu-158	2.0278	1.6532	1.9902	2.1482	2.1775	2.0945	2.3851	2.3663
Eu-159	2.3111	2.0386	2.3337	2.4529	2.1792	2.0827	2.3869	2.4546
F-17	0.0004	0.0003	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7382	1.4762	1.7354	1.8274	1.7788	1.7065	1.9146	1.9797
Fe-53	0.5575	0.4628	0.5533	0.5873	0.6159	0.6020	0.6614	0.6813
Fe-53m	3.4917	2.7706	3.3829	3.6519	4.0146	3.8879	4.3378	4.2271

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fe-55	0.3303	0.2371	0.3136	0.3814	0.1788	0.1132	0.2591	0.3345
Fe-59	1.2871	1.0086	1.2416	1.3372	1.4804	1.4305	1.5834	1.5471
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.7486	1.4000	1.7008	1.8260	1.9918	1.9335	2.1547	2.1147
Fe-62	1.2021	0.9923	1.1935	1.2568	1.3531	1.3291	1.4692	1.4545
Fm-251	2.2108	1.9204	2.2111	2.3678	1.9576	1.8086	2.1878	2.3638
Fm-252	0.1153	0.1032	0.1159	0.1263	0.0805	0.0669	0.0962	0.1125
Fm-253	1.9556	1.7220	1.9603	2.1126	1.5772	1.4041	1.8076	2.0091
Fm-254	0.1255	0.1116	0.1260	0.1371	0.0915	0.0775	0.1082	0.1245
Fm-255	1.2971	1.1370	1.2963	1.4276	0.8845	0.7184	1.0776	1.2679
Fm-256	16.8232	13.7846	16.5296	17.5811	18.8505	18.3349	20.4032	20.1751
Fm-257	2.3582	2.0733	2.3649	2.5239	2.0668	1.9074	2.3059	2.4916
Fr-212	3.5382	2.9558	3.4984	3.7519	3.4310	3.2251	3.7698	3.9294
Fr-219	0.0166	0.0140	0.0165	0.0175	0.0173	0.0167	0.0189	0.0195
Fr-220	0.3123	0.2641	0.3108	0.3411	0.2446	0.2124	0.2860	0.3243
Fr-221	0.2663	0.2283	0.2653	0.2809	0.2674	0.2579	0.2902	0.2959
Fr-222	1.7731	1.5207	1.7636	1.8890	1.6530	1.5490	1.8323	1.9202
Fr-223	1.3157	1.1573	1.3236	1.4147	1.1047	1.0102	1.2537	1.3598
Fr-224	1.7716	1.4911	1.7536	1.8696	1.7915	1.7087	1.9573	2.0011
Fr-227	2.8208	2.4313	2.8214	2.9898	2.7604	2.6364	3.0035	3.1223
Ga-64	1.7193	1.3466	1.6647	1.8062	1.9844	1.9139	2.1786	2.1088
Ga-65	1.8110	1.5209	1.7967	1.9340	1.7205	1.6231	1.9054	2.0062
Ga-66	1.4196	1.0873	1.3682	1.5249	1.4504	1.3409	1.6632	1.6835
Ga-67	2.2682	1.8240	2.2231	2.4742	1.9004	1.6859	2.2236	2.4614
Ga-68	0.1249	0.0928	0.1194	0.1397	0.0946	0.0770	0.1184	0.1352
Ga-70	0.0160	0.0128	0.0156	0.0172	0.0161	0.0151	0.0180	0.0185
Ga-72	2.6570	2.1145	2.5862	2.7836	3.0517	2.9552	3.3411	3.2408
Ga-73	2.5795	2.0505	2.5168	2.8049	2.2295	1.9870	2.6473	2.9051
Ga-74	2.9190	2.3289	2.8379	3.0452	3.3553	3.2475	3.6644	3.5702
Gd-142	1.4223	1.2113	1.4168	1.4955	1.4559	1.4018	1.5848	1.5971
Gd-143m	3.7029	3.1318	3.6782	3.8910	3.8683	3.7462	4.2114	4.2228
Gd-144	0.9681	0.8342	0.9693	1.0246	0.9420	0.8950	1.0442	1.0597
Gd-145m	1.5109	1.2305	1.4819	1.6082	1.5425	1.4618	1.7117	1.7445
Gd-145	2.0681	1.6938	2.0330	2.1711	2.1973	2.0945	2.4258	2.3962
Gd-146	4.5089	4.0154	4.5699	4.7671	4.2713	4.1029	4.6281	4.7893
Gd-147	4.4238	3.7560	4.4044	4.6655	4.6181	4.4820	5.0048	5.0315
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.3612	2.9236	3.3804	3.5439	3.3403	3.2157	3.6446	3.7358
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.5358	1.3471	1.5497	1.6508	1.3135	1.2130	1.4804	1.5744
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.4040	2.1574	2.4419	2.5519	2.1976	2.1012	2.3945	2.4801
Gd-159	0.4493	0.3926	0.4526	0.4771	0.4288	0.4106	0.4727	0.4905

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Gd-162	1.3697	1.1346	1.3610	1.4529	1.4638	1.4199	1.5768	1.6316
Ge-66	2.8337	2.3161	2.7923	3.0646	2.5409	2.3228	2.9089	3.1338
Ge-67	1.7643	1.4869	1.7554	1.8471	1.8767	1.8125	2.0125	2.0459
Ge-68	0.8108	0.5828	0.7700	0.9359	0.4395	0.2787	0.6360	0.8209
Ge-69	1.5281	1.1684	1.4710	1.6685	1.3682	1.2132	1.6039	1.7228
Ge-71	0.8223	0.5911	0.7810	0.9493	0.4457	0.2827	0.6451	0.8326
Ge-75	0.1872	0.1589	0.1860	0.1952	0.2041	0.2018	0.2193	0.2186
Ge-77	3.1641	2.6427	3.1267	3.3087	3.4857	3.4199	3.7450	3.7260
Ge-78	1.3930	1.1787	1.3828	1.4490	1.5275	1.5079	1.6570	1.6602
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.7968	1.5319	1.7909	1.9012	1.7644	1.6855	1.9801	2.0533
Hf-169	2.5561	2.1678	2.5524	2.7202	2.5079	2.4001	2.7814	2.8638
Hf-170	3.7139	3.1515	3.6987	3.9738	3.4611	3.2567	3.8668	4.0581
Hf-172	3.1085	2.6464	3.0995	3.3766	2.5765	2.3357	2.9792	3.2399
Hf-173	4.3188	3.7287	4.3237	4.5726	4.2183	4.0546	4.6385	4.8134
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.7558	2.3469	2.7490	2.9346	2.6496	2.5198	2.9651	3.0985
Hf-177m	15.0877	12.7857	14.9986	15.9268	15.3305	14.7896	16.8499	17.2721
Hf-178m	10.6219	8.9290	10.5477	11.2155	10.9787	10.6122	11.9987	12.2461
Hf-179m	6.3140	5.3335	6.2857	6.7129	6.2305	5.9527	6.8658	7.1376
Hf-180m	5.4968	4.6455	5.4684	5.8110	5.6176	5.4228	6.1659	6.3186
Hf-181	2.6706	2.2497	2.6607	2.8284	2.7149	2.6115	2.9767	3.0714
Hf-182	1.5443	1.3118	1.5365	1.6209	1.6137	1.5758	1.7557	1.7805
Hf-182m	4.7721	4.0222	4.7434	5.0744	4.7299	4.5218	5.2272	5.3898
Hf-183	2.3047	1.9393	2.2946	2.4359	2.4079	2.3286	2.6221	2.6433
Hf-184	3.2111	2.6138	3.1611	3.4972	2.7134	2.4194	3.1692	3.4974
Hg-190	3.6151	3.0672	3.6084	3.8861	3.2657	3.0241	3.6577	3.9306
Hg-191m	5.5067	4.5766	5.4467	5.8671	5.4418	5.1594	6.0231	6.2329
Hg-192	3.5801	3.0152	3.5615	3.8547	3.2250	2.9834	3.6477	3.9038
Hg-193	3.4942	2.9040	3.4595	3.7574	3.2561	3.0221	3.6605	3.8605
Hg-193m	3.2208	2.6699	3.1856	3.4382	3.1752	2.9957	3.5141	3.6488
Hg-194	0.4566	0.3421	0.4382	0.5234	0.2561	0.1706	0.3584	0.4593
Hg-195	2.3552	1.9596	2.3350	2.5687	1.9717	1.7637	2.2853	2.5040
Hg-195m	2.6796	2.1758	2.6344	2.9433	2.1424	1.8641	2.5439	2.8522
Hg-197	2.1910	1.8332	2.1788	2.3936	1.7894	1.5888	2.0812	2.3057
Hg-197m	2.0487	1.6983	2.0284	2.2309	1.7098	1.5252	1.9812	2.1972
Hg-199m	2.5573	2.1577	2.5511	2.7476	2.3249	2.1466	2.5996	2.8025
Hg-203	1.4165	1.2003	1.4084	1.4854	1.4847	1.4463	1.6243	1.6526
Hg-205	0.0504	0.0431	0.0501	0.0531	0.0508	0.0490	0.0552	0.0560
Hg-206	0.6773	0.5717	0.6729	0.7123	0.6973	0.6708	0.7745	0.7982
Hg-207	3.5223	2.8479	3.4439	3.7048	3.8937	3.7401	4.2762	4.2589
Ho-150	1.8923	1.5483	1.8608	1.9920	2.0914	2.0325	2.2754	2.2396
Ho-153	2.4867	2.1198	2.4774	2.6155	2.5474	2.4644	2.7966	2.8406

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-153m	2.9443	2.5254	2.9431	3.1094	2.9629	2.8626	3.2252	3.2987
Ho-154m	5.7674	4.8146	5.7248	6.0600	6.2514	6.0923	6.7842	6.8731
Ho-154	3.0197	2.5143	2.9861	3.1675	3.2640	3.1663	3.5717	3.6029
Ho-155	2.5469	2.1935	2.5493	2.7059	2.4257	2.3117	2.6822	2.7723
Ho-156	4.3615	3.6780	4.3294	4.5828	4.5559	4.4103	4.9548	4.9999
Ho-157	3.8292	3.3200	3.8414	4.0605	3.6632	3.5032	4.0453	4.1726
Ho-159	4.2968	3.7597	4.3232	4.5492	4.1053	3.9425	4.5033	4.6560
Ho-160	4.4583	3.7420	4.4168	4.7289	4.5752	4.3999	5.0217	5.0481
Ho-161	1.7812	1.5769	1.7984	1.9149	1.4929	1.3781	1.6913	1.8071
Ho-162	1.5577	1.3617	1.5688	1.6687	1.3564	1.2657	1.5262	1.6115
Ho-162m	2.9246	2.4757	2.9095	3.1234	2.7092	2.5400	3.0302	3.1634
Ho-163	0.0133	0.0095	0.0126	0.0153	0.0072	0.0045	0.0104	0.0134
Ho-164	0.8800	0.7729	0.8877	0.9452	0.7517	0.6996	0.8501	0.9021
Ho-164m	1.7720	1.4951	1.7640	1.9355	1.3851	1.2250	1.6372	1.8095
Ho-166	0.3624	0.3032	0.3602	0.3930	0.3025	0.2726	0.3499	0.3816
Ho-166m	4.9600	4.1371	4.9085	5.2243	5.2445	5.0748	5.7095	5.7425
Ho-167	1.8671	1.5789	1.8582	1.9630	1.9493	1.8888	2.1449	2.2047
Ho-168	1.8632	1.5252	1.8339	1.9710	1.9688	1.8910	2.1604	2.1647
Ho-168m	0.3800	0.3035	0.3720	0.4232	0.2655	0.2170	0.3331	0.3873
Ho-170	4.3758	3.6388	4.3242	4.6314	4.5751	4.4168	5.0001	5.0239
I-118m	5.2110	4.2673	5.0996	5.4544	5.8552	5.6985	6.3089	6.2355
I-118	1.7775	1.4532	1.7385	1.8578	1.9987	1.9428	2.1558	2.1290
I-119	1.9132	1.6673	1.9141	2.0024	1.9820	1.9414	2.1331	2.1502
I-120	2.1586	1.7658	2.1155	2.2544	2.3992	2.3148	2.6156	2.5766
I-120m	4.4906	3.6806	4.3984	4.6959	5.0326	4.8913	5.4347	5.3692
I-121	2.2684	2.0141	2.2793	2.3790	2.2663	2.1995	2.4421	2.4689
I-122	0.4528	0.3943	0.4526	0.4760	0.4604	0.4432	0.5003	0.5068
I-123	2.2549	2.0304	2.2886	2.3648	2.1899	2.0993	2.3436	2.4451
I-124	1.7873	1.5346	1.7733	1.8755	1.8522	1.7782	2.0111	2.0240
I-125	1.5143	1.4523	1.5588	1.6050	1.2501	1.1654	1.3724	1.4732
I-126	1.3497	1.1669	1.3479	1.4225	1.3968	1.3511	1.5042	1.5385
I-128	0.2278	0.1958	0.2283	0.2401	0.2393	0.2328	0.2573	0.2633
I-129	0.8444	0.8032	0.8685	0.8935	0.7083	0.6646	0.7762	0.8330
I-130m	0.4494	0.3879	0.4489	0.4784	0.4207	0.3948	0.4689	0.4912
I-130	4.0866	3.3432	4.0138	4.2829	4.6201	4.5139	4.9807	4.9238
I-131	1.3581	1.1571	1.1968	1.2852	1.5226	1.5050	1.6228	1.5799
I-132	3.6330	2.9463	3.5513	3.8065	4.1277	4.0211	4.4602	4.3764
I-132m	1.2372	1.0583	1.2297	1.3133	1.2067	1.1430	1.3270	1.3742
I-133	1.2741	1.0468	1.2578	1.3327	1.4369	1.4073	1.5556	1.5374
I-134m	2.1330	1.9050	2.1511	2.2369	2.0994	2.0362	2.2799	2.3364
I-134	3.7388	3.0181	3.6568	3.9324	4.2545	4.1425	4.6137	4.5112
I-135	1.6200	1.2740	1.5660	1.6820	1.8663	1.8003	2.0107	1.9646
In-103	2.8130	2.3200	2.7662	2.9411	3.1175	3.0289	3.3658	3.3193

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-105	2.5861	2.1921	2.5653	2.7065	2.7775	2.7022	2.9901	2.9979
In-106	4.4535	3.6377	4.3587	4.6914	5.0179	4.8862	5.4362	5.3341
In-106m	2.0103	1.6254	1.9562	2.1023	2.2792	2.2047	2.4759	2.4285
In-107	2.4107	2.0582	2.3938	2.5252	2.5346	2.4501	2.7488	2.7539
In-108	5.9640	4.9177	5.8502	6.2633	6.5919	6.3961	7.1334	7.0440
In-108m	2.1663	1.7857	2.1225	2.2697	2.3741	2.2851	2.5834	2.5592
In-109	2.6117	2.2959	2.6142	2.7442	2.6429	2.5559	2.8470	2.8808
In-109m	1.1937	0.9846	1.1669	1.2517	1.3386	1.3034	1.4403	1.4238
In-110	5.4876	4.5611	5.3985	5.7908	6.0070	5.8246	6.5151	6.4461
In-110m	1.6532	1.3885	1.6272	1.7369	1.7862	1.7268	1.9326	1.9271
In-111	3.6208	3.1987	3.6434	3.7948	3.6750	3.5766	3.9249	4.0053
In-111m	1.1437	0.9559	1.1342	1.1981	1.2611	1.2325	1.3666	1.3590
In-112	0.3310	0.3095	0.3372	0.3519	0.2908	0.2727	0.3169	0.3375
In-112m	0.7686	0.7229	0.7876	0.8140	0.6738	0.6332	0.7304	0.7769
In-113m	1.0532	0.9105	1.0571	1.1143	1.0991	1.0683	1.1711	1.2194
In-114	0.0062	0.0055	0.0062	0.0065	0.0058	0.0055	0.0063	0.0066
In-114m	0.7042	0.6390	0.7124	0.7447	0.6561	0.6236	0.7133	0.7398
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9522	0.8420	0.9578	0.9997	0.9540	0.9182	1.0485	1.0872
In-116m	2.6198	2.0620	2.5363	2.7201	3.0077	2.9065	3.2220	3.1664
In-117	2.6988	2.2924	2.6936	2.8184	2.9269	2.8517	3.1275	3.1612
In-117m	0.7219	0.6385	0.7274	0.7553	0.7271	0.7002	0.7911	0.8184
In-118m	3.3221	2.6321	3.2178	3.4666	3.8089	3.6938	4.0887	3.9992
In-118	0.0812	0.0632	0.0783	0.0838	0.0934	0.0902	0.0994	0.0975
In-119	1.4301	1.1773	1.4081	1.5075	1.5440	1.4895	1.6843	1.6728
In-119m	0.1877	0.1624	0.1869	0.1994	0.1772	0.1660	0.1964	0.2047
In-121	1.3535	1.0940	1.3230	1.4328	1.5426	1.5060	1.6790	1.6323
In-121m	0.6555	0.6135	0.6706	0.6947	0.5927	0.5660	0.6450	0.6637
Ir-180	3.8556	3.2144	3.8139	4.1007	3.8844	3.7096	4.2888	4.4061
Ir-182	3.7814	3.1607	3.7445	4.0254	3.7499	3.5712	4.1456	4.2818
Ir-183	4.0474	3.3567	4.0005	4.3498	3.8118	3.5530	4.2923	4.4920
Ir-184	5.6031	4.6485	5.5356	5.9673	5.6098	5.3399	6.2001	6.3722
Ir-185	4.0112	3.2980	3.9549	4.3531	3.5167	3.1888	4.0497	4.3471
Ir-186	5.4288	4.5192	5.3716	5.7736	5.4342	5.1661	6.0226	6.2125
Ir-186m	3.1598	2.6128	3.1174	3.3735	3.1406	2.9687	3.4951	3.5889
Ir-187	2.7424	2.2775	2.7150	2.9855	2.3913	2.1765	2.7508	2.9562
Ir-188	3.8840	3.1891	3.8258	4.1349	3.8722	3.6469	4.3139	4.4234
Ir-189	2.0319	1.6843	2.0106	2.2285	1.6533	1.4672	1.9420	2.1359
Ir-190	5.8795	4.9112	5.8248	6.2417	6.0209	5.7756	6.6020	6.7596
Ir-190m	0.4530	0.3283	0.4311	0.5223	0.2472	0.1584	0.3553	0.4581
Ir-190n	1.6119	1.3548	1.6021	1.7611	1.3397	1.2051	1.5556	1.6940
Ir-191m	2.0450	1.6865	2.0208	2.2407	1.6618	1.4676	1.9507	2.1692
Ir-192	3.1730	2.6560	3.1449	3.3171	3.4403	3.3489	3.7921	3.8501

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-192m	0.5080	0.3758	0.4860	0.5837	0.2821	0.1852	0.3986	0.5123
Ir-192n	1.0640	0.7893	1.0187	1.2215	0.5952	0.3941	0.8373	1.0735
Ir-193m	0.4537	0.3305	0.4324	0.5223	0.2506	0.1629	0.3575	0.4590
Ir-194	0.2878	0.2397	0.2843	0.3004	0.3151	0.3065	0.3470	0.3518
Ir-194m	6.5926	5.4663	6.5147	6.9191	7.2246	7.0324	7.8754	7.9520
Ir-195	1.5958	1.3353	1.5844	1.7414	1.3210	1.1828	1.5302	1.6822
Ir-195m	2.3384	1.9559	2.3203	2.5021	2.2441	2.1127	2.5038	2.6340
Ir-196	0.5694	0.4699	0.5626	0.5976	0.6284	0.6115	0.6838	0.6905
Ir-196m	7.1378	5.9074	7.0608	7.5335	7.7122	7.4847	8.3585	8.5212
K-38	1.0864	0.8338	1.0485	1.1267	1.2718	1.2234	1.4200	1.3610
K-40	0.1319	0.1008	0.1258	0.1363	0.1507	0.1417	0.1642	0.1608
K-42	0.2160	0.1660	0.2061	0.2222	0.2551	0.2409	0.2780	0.2684
K-43	2.4746	2.0505	2.4402	2.5972	2.7744	2.7158	2.9775	3.0016
K-44	1.7715	1.3812	1.7101	1.8449	2.0546	1.9808	2.2371	2.1687
K-45	2.3504	1.9211	2.3064	2.4411	2.6346	2.5425	2.8447	2.8059
K-46	1.7455	1.3353	1.6726	1.7938	2.0368	1.9485	2.1911	2.1312
Kr-74	2.4104	2.0574	2.4025	2.5600	2.3357	2.2215	2.5689	2.6836
Kr-75	2.0917	1.7970	2.0921	2.2022	2.1135	2.0317	2.2793	2.3737
Kr-76	2.9286	2.4580	2.9040	3.1456	2.6690	2.4619	3.0334	3.2719
Kr-77	2.2335	1.9330	2.2391	2.3483	2.2642	2.1890	2.4368	2.5390
Kr-79	1.3815	1.1380	1.3606	1.5126	1.1238	0.9816	1.3176	1.4873
Kr-81	0.8265	0.6724	0.8107	0.9337	0.4978	0.3623	0.6497	0.8219
Kr-81m	1.3322	1.1445	1.3272	1.4074	1.3204	1.2616	1.4361	1.4780
Kr-83m	0.3690	0.2957	0.3604	0.4180	0.2189	0.1566	0.2899	0.3673
Kr-85	0.0052	0.0043	0.0052	0.0055	0.0059	0.0058	0.0064	0.0063
Kr-85m	1.4773	1.2754	1.4831	1.5441	1.5424	1.4939	1.6491	1.7059
Kr-87	0.9838	0.7997	0.9692	1.0348	1.1153	1.0863	1.2014	1.2053
Kr-88	1.7908	1.4482	1.7502	1.8703	1.9840	1.9029	2.1851	2.1417
Kr-89	2.1292	1.7166	2.0793	2.2233	2.4183	2.3457	2.6246	2.5724
La-128	4.0689	3.3643	4.0085	4.2558	4.5169	4.4080	4.8962	4.8684
La-129	1.8580	1.6235	1.8640	1.9479	1.8915	1.8393	2.0444	2.0951
La-130	2.9409	2.4387	2.9035	3.0835	3.2395	3.1496	3.5189	3.5309
La-131	2.4244	2.1369	2.4403	2.5481	2.4192	2.3440	2.6111	2.7013
La-132	2.6531	2.2194	2.6293	2.7846	2.8596	2.7720	3.1058	3.1160
La-132m	2.5704	2.2179	2.5716	2.7067	2.6251	2.5389	2.8418	2.9139
La-133	1.1377	1.0197	1.1488	1.2164	0.9540	0.8766	1.0755	1.1730
La-134	0.4151	0.3783	0.4208	0.4383	0.3742	0.3536	0.4103	0.4339
La-135	0.9012	0.8438	0.9227	0.9545	0.7594	0.7112	0.8368	0.9057
La-136	0.6083	0.5661	0.6215	0.6439	0.5198	0.4877	0.5724	0.6159
La-137	0.8514	0.7987	0.8721	0.9024	0.7095	0.6626	0.7833	0.8509
La-138	1.6550	1.3607	1.6216	1.7249	1.7641	1.6781	1.9178	1.9155
La-140	2.5903	2.0677	2.5194	2.6955	2.9798	2.8628	3.2582	3.1865
La-141	0.0227	0.0174	0.0217	0.0233	0.0264	0.0252	0.0283	0.0276

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-142	1.7881	1.4143	1.7331	1.8671	2.0661	1.9937	2.2676	2.1986
La-143	0.2607	0.2069	0.2529	0.2719	0.3000	0.2902	0.3256	0.3176
Lu-165	3.8038	3.2437	3.7918	4.0356	3.7070	3.5404	4.0854	4.2124
Lu-167	4.0958	3.4327	4.0553	4.3441	4.0227	3.8135	4.4591	4.5764
Lu-169m	0.3330	0.2392	0.3162	0.3844	0.1804	0.1143	0.2612	0.3372
Lu-169	3.8492	3.2266	3.8111	4.0928	3.7711	3.5778	4.1806	4.2778
Lu-170	3.5871	2.9303	3.5225	3.8009	3.6256	3.4293	4.0337	4.0829
Lu-171m	0.3563	0.2572	0.3388	0.4107	0.1959	0.1264	0.2813	0.3612
Lu-171	3.7939	3.1891	3.7650	4.0923	3.3793	3.1203	3.8497	4.0838
Lu-172	5.1212	4.2435	5.0550	5.4531	5.1346	4.8853	5.6857	5.7913
Lu-172m	0.2994	0.2150	0.2843	0.3456	0.1622	0.1028	0.2349	0.3031
Lu-173	3.1862	2.7603	3.1957	3.4111	2.8680	2.7042	3.2197	3.3828
Lu-174	1.6495	1.4045	1.6456	1.7833	1.3983	1.2825	1.6061	1.7243
Lu-174m	2.0529	1.6966	2.0299	2.2563	1.5939	1.3920	1.9055	2.1224
Lu-176	3.6067	3.0410	3.5763	3.8086	3.6306	3.4825	4.0251	4.1292
Lu-176m	0.4543	0.3727	0.4485	0.4981	0.3617	0.3178	0.4271	0.4764
Lu-177	0.4104	0.3499	0.4083	0.4355	0.4002	0.3834	0.4390	0.4521
Lu-177m	7.9319	6.7620	7.9066	8.3938	7.9470	7.6592	8.6876	8.9349
Lu-178	0.3973	0.3233	0.3898	0.4263	0.3637	0.3336	0.4107	0.4353
Lu-178m	6.4263	5.4545	6.4035	6.7822	6.5859	6.3703	7.1877	7.3808
Lu-179	0.2183	0.1868	0.2170	0.2285	0.2309	0.2264	0.2481	0.2469
Lu-180	3.0566	2.4918	2.9987	3.2195	3.2398	3.1098	3.5199	3.5651
Lu-181	2.6688	2.2088	2.6333	2.8581	2.5517	2.3947	2.8627	2.9852
Mg-27	1.2398	0.9958	1.2115	1.3102	1.4176	1.3819	1.5433	1.4986
Mg-28	2.2843	1.9339	2.2619	2.3846	2.4511	2.3705	2.6223	2.6329
Mn-50m	4.0647	3.2097	3.9368	4.2359	4.6767	4.5193	5.0457	4.9183
Mn-51	0.0142	0.0107	0.0136	0.0157	0.0115	0.0097	0.0140	0.0156
Mn-52	3.8251	3.0163	3.7037	4.0177	4.2914	4.1119	4.6845	4.6047
Mn-52m	1.1874	0.9120	1.1344	1.2196	1.3882	1.3183	1.4960	1.4548
Mn-53	0.2690	0.1931	0.2554	0.3106	0.1456	0.0922	0.2110	0.2724
Mn-54	1.4933	1.1777	1.4544	1.5995	1.5413	1.4526	1.7292	1.7494
Mn-56	1.6972	1.3465	1.6529	1.7793	1.9529	1.8943	2.1346	2.0691
Mn-57	0.8674	0.7024	0.8500	0.9507	0.6957	0.6018	0.8262	0.9301
Mn-58m	2.7223	2.1559	2.6465	2.8332	3.1247	3.0240	3.3735	3.2970
Mo-101	2.2792	1.8502	2.2302	2.3929	2.4973	2.4061	2.7177	2.7006
Mo-102	0.1564	0.1353	0.1564	0.1632	0.1661	0.1629	0.1769	0.1783
Mo-89	0.2799	0.2267	0.2729	0.2928	0.3103	0.2983	0.3371	0.3318
Mo-90	3.7743	3.3370	3.7893	3.9659	3.7121	3.5611	4.0301	4.1460
Mo-91m	1.1926	0.9598	1.1566	1.2419	1.3450	1.2928	1.4510	1.4278
Mo-91	0.0609	0.0563	0.0616	0.0648	0.0493	0.0432	0.0564	0.0606
Mo-93	0.7757	0.7421	0.7928	0.8308	0.5672	0.4846	0.6565	0.7304
Mo-93m	3.4757	2.8448	3.3949	3.6199	3.8533	3.7114	4.1686	4.1212
Mo-99	0.4424	0.3762	0.4401	0.4640	0.4721	0.4582	0.5082	0.5108

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.7127	0.5356	0.6838	0.7524	0.8473	0.8143	0.9522	0.9002
Na-22	1.2086	0.9273	1.1571	1.2355	1.3963	1.3413	1.4742	1.4477
Na-24	2.2357	1.7130	2.1469	2.3119	2.6236	2.5023	2.8903	2.7807
Nb-87	2.5352	2.2319	2.5384	2.6609	2.5208	2.4218	2.7318	2.7708
Nb-88m	4.4717	3.6119	4.3706	4.7029	5.0750	4.9383	5.4776	5.4005
Nb-88	5.8002	4.7914	5.7059	6.1100	6.3385	6.1343	6.8747	6.8261
Nb-89	0.5677	0.4743	0.5584	0.5970	0.5740	0.5333	0.6414	0.6444
Nb-89m	1.2423	1.0427	1.2356	1.3033	1.3335	1.2919	1.4571	1.4581
Nb-90	4.1540	3.4412	4.0892	4.3477	4.4358	4.2348	4.8621	4.8445
Nb-91	0.8000	0.7578	0.8150	0.8592	0.5724	0.4796	0.6719	0.7498
Nb-91m	0.6933	0.6569	0.7066	0.7418	0.5189	0.4468	0.5978	0.6608
Nb-92	3.2237	2.7238	3.1890	3.4142	3.3424	3.1887	3.6786	3.6884
Nb-92m	2.0600	1.7689	2.0439	2.1971	2.0167	1.8874	2.2483	2.2767
Nb-93m	0.1570	0.1458	0.1592	0.1698	0.1113	0.0929	0.1318	0.1492
Nb-94m	0.5386	0.5126	0.5498	0.5774	0.3952	0.3377	0.4580	0.5094
Nb-94	2.4284	1.9641	2.3743	2.5553	2.7654	2.6959	2.9984	2.9277
Nb-95	1.2203	0.9861	1.1959	1.2797	1.3867	1.3516	1.5032	1.4685
Nb-95m	0.9127	0.8327	0.9218	0.9664	0.8069	0.7476	0.8948	0.9391
Nb-96	3.9001	3.1539	3.8196	4.0873	4.4299	4.3193	4.7860	4.6985
Nb-97	1.2309	1.0069	1.2009	1.2901	1.3956	1.3605	1.5019	1.4796
Nb-98m	3.8128	3.0629	3.7214	3.9862	4.3452	4.2177	4.7090	4.6078
Nb-99	2.5770	2.3013	2.6035	2.7017	2.5584	2.4775	2.7286	2.8337
Nb-99m	0.8693	0.7177	0.8559	0.9096	0.9537	0.9221	1.0405	1.0309
Nd-134	2.7294	2.4010	2.7518	2.8662	2.7310	2.6391	2.9410	3.0185
Nd-135	3.0955	2.6848	3.1024	3.2625	3.1085	3.0025	3.3734	3.4271
Nd-136	2.4561	2.2029	2.4901	2.6011	2.2781	2.1736	2.4808	2.5806
Nd-137	2.6841	2.3315	2.6915	2.8279	2.6850	2.5806	2.9266	2.9714
Nd-138	1.0027	0.9226	1.0252	1.0658	0.8664	0.8140	0.9560	1.0099
Nd-139	0.9925	0.8873	1.0049	1.0524	0.9218	0.8756	1.0071	1.0459
Nd-139m	4.0623	3.4747	4.0483	4.2832	4.1974	4.0584	4.5515	4.5768
Nd-140	0.9087	0.8408	0.9311	0.9678	0.7681	0.7181	0.8490	0.9012
Nd-141	0.9283	0.8562	0.9500	0.9876	0.7931	0.7430	0.8749	0.9258
Nd-141m	1.1959	0.9758	1.1749	1.2554	1.3364	1.3000	1.4493	1.4226
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.2312	1.0950	1.2475	1.2996	1.1882	1.1460	1.2847	1.3182
Nd-149	2.2327	1.9299	2.2340	2.3418	2.3199	2.2651	2.4966	2.5216
Nd-151	2.5375	2.1542	2.5238	2.6567	2.7122	2.6476	2.9066	2.9199
Nd-152	0.9978	0.8502	0.9925	1.0504	1.0117	0.9775	1.1104	1.1330
Ne-19	0.0002	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003
Ne-24	1.3073	1.0794	1.2980	1.3719	1.4698	1.4436	1.5844	1.5841
Ni-56	4.8109	3.9506	4.7498	5.0776	5.0593	4.8455	5.5278	5.6262
Ni-57	1.7099	1.3278	1.6470	1.7936	1.8004	1.6814	1.9848	2.0127

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ni-59	0.4664	0.3348	0.4428	0.5385	0.2525	0.1599	0.3658	0.4723
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5456	0.4267	0.5254	0.5659	0.6334	0.6071	0.6845	0.6680
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.8825	4.1543	4.8530	5.1899	4.7362	4.4746	5.2466	5.4690
Np-233	1.8609	1.6319	1.8667	1.9875	1.6590	1.5479	1.8292	1.9669
Np-234	2.8992	2.4484	2.8661	3.0830	2.7305	2.5251	3.0321	3.1837
Np-235	0.6774	0.5771	0.6718	0.7530	0.4378	0.3396	0.5495	0.6646
Np-236	4.0332	3.5280	4.0409	4.3504	3.3268	2.9821	3.7726	4.1835
Np-236m	1.0507	0.9213	1.0534	1.1261	0.9131	0.8424	1.0150	1.1014
Np-237	1.4353	1.2635	1.4397	1.5626	1.0811	0.9306	1.2639	1.4411
Np-238	1.2986	1.0859	1.2795	1.4030	1.2255	1.1314	1.3841	1.4419
Np-239	2.8051	2.4365	2.8038	2.9974	2.5221	2.3514	2.8006	3.0016
Np-240	4.0095	3.4195	3.9827	4.2911	3.7638	3.5072	4.1923	4.4130
Np-240m	1.1000	0.9330	1.0898	1.1788	1.0139	0.9329	1.1421	1.2103
Np-241	0.7100	0.6227	0.7120	0.7583	0.6339	0.5904	0.7002	0.7532
Np-242	0.3692	0.3004	0.3609	0.3901	0.3841	0.3624	0.4240	0.4281
Np-242m	3.4536	2.9437	3.4322	3.7058	3.1622	2.9145	3.5520	3.7658
O-14	1.0665	0.8195	1.0285	1.1070	1.2539	1.1981	1.4172	1.3470
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.2292	1.8557	2.1923	2.3123	2.4562	2.3936	2.6222	2.5801
Os-180	2.2548	1.8802	2.2340	2.4701	1.8350	1.6304	2.1510	2.3726
Os-181	4.8330	4.0225	4.7796	5.1687	4.7015	4.4441	5.2360	5.3939
Os-182	3.3454	2.7938	3.3193	3.5978	3.0958	2.8852	3.4932	3.6809
Os-183	4.6693	3.9414	4.6491	5.0150	4.4092	4.1534	4.9108	5.1751
Os-183m	2.6283	2.1565	2.5852	2.8241	2.5430	2.3831	2.8470	2.9346
Os-185	2.6100	2.1688	2.5738	2.7997	2.5269	2.3770	2.8222	2.9179
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.4349	0.3144	0.4136	0.5016	0.2368	0.1512	0.3411	0.4400
Os-190m	5.6784	4.6874	5.6036	6.0143	5.8941	5.6484	6.4822	6.6403
Os-191	2.1639	1.7938	2.1418	2.3652	1.7863	1.5912	2.0824	2.3010
Os-191m	0.5730	0.4355	0.5527	0.6502	0.3622	0.2694	0.4808	0.5861
Os-193	0.6391	0.5316	0.6337	0.6910	0.5729	0.5264	0.6517	0.7010
Os-194	0.4401	0.3361	0.4251	0.5001	0.2657	0.1913	0.3579	0.4435
Os-196	0.6169	0.5230	0.6144	0.6586	0.5980	0.5683	0.6612	0.6899
P-30	0.0008	0.0006	0.0008	0.0009	0.0010	0.0009	0.0011	0.0010
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.7694	0.6669	0.7692	0.8364	0.6101	0.5372	0.7057	0.7889
Pa-228	5.1575	4.3670	5.1196	5.5186	4.8368	4.5007	5.3982	5.6915
Pa-229	1.6694	1.4557	1.6733	1.7940	1.4288	1.3072	1.5994	1.7461
Pa-230	2.9847	2.5443	2.9695	3.2021	2.7537	2.5577	3.0726	3.2534
Pa-231	1.3375	1.1350	1.3260	1.4746	0.9411	0.7689	1.1518	1.3485

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pa-232	2.5752	2.1593	2.5482	2.7574	2.5113	2.3550	2.7946	2.9006
Pa-233	2.3107	1.9907	2.3049	2.4700	2.0778	1.9187	2.3459	2.5296
Pa-234	5.0955	4.3212	5.0554	5.4343	4.8960	4.5955	5.4254	5.6563
Pa-234m	0.0406	0.0340	0.0401	0.0434	0.0396	0.0371	0.0440	0.0454
Pa-235	0.1574	0.1132	0.1495	0.1817	0.0854	0.0542	0.1235	0.1594
Pa-236	1.7957	1.4921	1.7647	1.9093	1.7715	1.6556	1.9677	2.0325
Pa-237	1.1646	0.9403	1.1419	1.2354	1.2486	1.1984	1.3777	1.3787
Pb-194	4.0029	3.3548	3.9706	4.2640	3.9044	3.6804	4.3198	4.4838
Pb-195m	5.5415	4.5949	5.4874	5.9311	5.4637	5.1570	6.0421	6.3408
Pb-196	3.6749	3.1160	3.6667	3.9253	3.4949	3.2980	3.8758	4.0649
Pb-197	3.6614	3.0310	3.6223	3.8934	3.6881	3.4972	4.0545	4.1915
Pb-197m	4.8925	4.0848	4.8548	5.2303	4.7841	4.5184	5.2848	5.5435
Pb-198	3.5661	3.0217	3.5564	3.8091	3.3836	3.1836	3.7612	3.9717
Pb-199	3.1604	2.6341	3.1327	3.3664	3.1122	2.9353	3.4441	3.5888
Pb-200	3.3192	2.8254	3.3177	3.5659	2.9916	2.7698	3.3474	3.5992
Pb-201	3.6302	3.0505	3.6080	3.8627	3.5659	3.3749	3.9697	4.1483
Pb-201m	1.3382	1.1197	1.3219	1.4261	1.3227	1.2497	1.4573	1.5108
Pb-202	0.4397	0.3255	0.4207	0.5051	0.2441	0.1603	0.3448	0.4432
Pb-202m	4.1037	3.3608	4.0424	4.3547	4.4524	4.3065	4.8435	4.8720
Pb-203	3.0398	2.5823	3.0322	3.2427	2.8806	2.7181	3.2077	3.3774
Pb-204m	3.7077	3.0238	3.6458	3.9240	4.1402	4.0304	4.5000	4.4717
Pb-205	0.4450	0.3295	0.4258	0.5112	0.2471	0.1623	0.3490	0.4486
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.5166	0.4157	0.5054	0.5819	0.3210	0.2395	0.4177	0.5157
Pb-211	0.1553	0.1281	0.1537	0.1643	0.1680	0.1630	0.1814	0.1842
Pb-212	1.4558	1.2478	1.4551	1.5445	1.4138	1.3512	1.5466	1.6066
Pb-214	1.5160	1.2800	1.5088	1.6062	1.5122	1.4425	1.6733	1.7486
Pd-100	3.0365	2.8296	3.1133	3.2187	2.7627	2.6414	2.9593	3.1775
Pd-101	2.0885	1.9321	2.1234	2.2230	1.8662	1.7594	2.0324	2.2135
Pd-103	0.7662	0.7445	0.7907	0.8245	0.5997	0.5497	0.6551	0.7573
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.1756	1.0421	1.1819	1.2341	1.1828	1.1464	1.2660	1.2946
Pd-109	0.4277	0.4061	0.4388	0.4582	0.3474	0.3201	0.3817	0.4230
Pd-111	0.0927	0.0772	0.0914	0.0970	0.1016	0.0986	0.1095	0.1092
Pd-112	0.3338	0.3168	0.3413	0.3603	0.2477	0.2166	0.2820	0.3238
Pd-114	0.1993	0.1730	0.1995	0.2082	0.2115	0.2083	0.2256	0.2284
Pd-96	3.1492	2.7144	3.1419	3.3113	3.2842	3.1856	3.5353	3.6041
Pd-97	2.6426	2.1941	2.6048	2.7660	2.8907	2.8061	3.1348	3.1227
Pd-98	2.6910	2.4312	2.7213	2.8424	2.5988	2.5094	2.7785	2.9200
Pd-99	2.6105	2.2688	2.6126	2.7394	2.6990	2.6171	2.8931	2.9756
Pm-136	3.8546	3.1764	3.8008	4.0498	4.3053	4.2037	4.6548	4.6498
Pm-137m	4.5739	3.9315	4.5706	4.7978	4.7707	4.6443	5.1344	5.1869
Pm-139	0.7860	0.6796	0.7887	0.8308	0.7902	0.7605	0.8558	0.8775

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pm-140m	4.1341	3.3912	4.0726	4.3657	4.5917	4.4717	4.9616	4.9231
Pm-140	0.3041	0.2571	0.3022	0.3200	0.3152	0.3029	0.3424	0.3437
Pm-141	0.6906	0.6080	0.6953	0.7304	0.6504	0.6158	0.7126	0.7307
Pm-142	0.2713	0.2426	0.2745	0.2877	0.2469	0.2316	0.2725	0.2816
Pm-143	1.4047	1.2406	1.4171	1.4898	1.3268	1.2617	1.4556	1.4921
Pm-144	3.9481	3.3314	3.9109	4.1552	4.1984	4.0668	4.5471	4.5514
Pm-145	0.9747	0.8920	0.9963	1.0410	0.8254	0.7697	0.9162	0.9695
Pm-146	2.1426	1.8197	2.1380	2.2599	2.2414	2.1709	2.4288	2.4526
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7060	0.5636	0.6862	0.7358	0.8113	0.7839	0.8790	0.8587
Pm-148m	4.1388	3.4101	4.0686	4.3450	4.6385	4.5303	5.0102	4.9632
Pm-149	0.0546	0.0459	0.0541	0.0572	0.0578	0.0563	0.0636	0.0645
Pm-150	2.2959	1.8606	2.2473	2.3910	2.5919	2.5165	2.8179	2.8044
Pm-151	1.7526	1.5083	1.7539	1.8416	1.8113	1.7586	1.9626	1.9955
Pm-152m	3.9837	3.3505	3.9462	4.1713	4.2803	4.1741	4.6133	4.6138
Pm-152	0.7262	0.6152	0.7218	0.7648	0.7641	0.7416	0.8269	0.8304
Pm-153	1.1087	0.9800	1.1190	1.1712	1.0639	1.0219	1.1533	1.2005
Pm-154	2.1093	1.7155	2.0696	2.2182	2.2808	2.1908	2.4966	2.4687
Pm-154m	3.7341	3.1144	3.6908	3.9098	3.9898	3.8507	4.3184	4.3161
Po-203	4.1199	3.4296	4.0771	4.3882	4.0998	3.8775	4.5218	4.6514
Po-204	6.0537	5.0794	6.0137	6.5056	5.6078	5.2073	6.2924	6.6745
Po-205	3.9218	3.2598	3.8809	4.1786	3.9254	3.7156	4.3333	4.4454
Po-206	4.8453	4.0429	4.8042	5.1937	4.5980	4.2898	5.1566	5.4317
Po-207	3.5562	2.9668	3.5232	3.7976	3.5579	3.3754	3.9236	4.0339
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0488	0.0384	0.0475	0.0539	0.0384	0.0328	0.0464	0.0524
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0140	0.0114	0.0137	0.0148	0.0158	0.0154	0.0172	0.0169
Po-212m	0.0524	0.0416	0.0510	0.0547	0.0604	0.0581	0.0673	0.0650
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002
Po-215	0.0005	0.0004	0.0005	0.0005	0.0006	0.0006	0.0006	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	5.3614	4.4523	5.2929	5.6316	5.9257	5.7819	6.3893	6.4017
Pr-134m	2.3821	1.9619	2.3524	2.5058	2.6428	2.5728	2.8443	2.8575
Pr-135	1.9727	1.7426	1.9874	2.0740	1.9392	1.8682	2.1124	2.1661
Pr-136	2.6812	2.2259	2.6484	2.8118	2.9320	2.8465	3.1874	3.1652
Pr-137	0.8248	0.7513	0.8394	0.8742	0.7361	0.6946	0.8083	0.8496
Pr-138	0.2793	0.2533	0.2838	0.2959	0.2512	0.2370	0.2761	0.2888
Pr-138m	4.6383	3.8697	4.5848	4.8798	5.0122	4.8631	5.4760	5.4548
Pr-139	0.8512	0.7899	0.8715	0.9040	0.7237	0.6777	0.7978	0.8496

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pr-140	0.4536	0.4212	0.4646	0.4819	0.3855	0.3609	0.4252	0.4529
Pr-142	0.0428	0.0329	0.0408	0.0441	0.0508	0.0477	0.0557	0.0535
Pr-142m	0.0212	0.0152	0.0201	0.0244	0.0115	0.0073	0.0166	0.0214
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0275	0.0219	0.0267	0.0287	0.0316	0.0306	0.0345	0.0336
Pr-144m	0.4404	0.3903	0.4450	0.4762	0.3483	0.3125	0.4000	0.4389
Pr-145	0.0405	0.0341	0.0402	0.0427	0.0428	0.0414	0.0465	0.0463
Pr-146	1.3098	1.0543	1.2820	1.3676	1.4945	1.4495	1.6145	1.5952
Pr-147	2.4338	2.1401	2.4521	2.5678	2.3683	2.2711	2.5835	2.6506
Pr-148	1.7478	1.4321	1.7156	1.8193	1.9588	1.9072	2.1387	2.1263
Pr-148m	2.6205	2.1816	2.5909	2.7353	2.9100	2.8466	3.1701	3.1820
Pt-184	6.8986	5.7913	6.8540	7.4312	6.3022	5.8473	7.0991	7.5360
Pt-186	3.4181	2.8534	3.3828	3.6734	3.2292	3.0201	3.6204	3.7845
Pt-187	4.2609	3.5751	4.2297	4.5919	3.8949	3.6178	4.3943	4.6502
Pt-188	3.0392	2.5521	3.0188	3.2890	2.6936	2.4759	3.0606	3.2747
Pt-189	3.9719	3.3253	3.9406	4.2943	3.5625	3.2829	4.0457	4.3105
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.5657	3.0009	3.5476	3.8625	3.1565	2.9030	3.5898	3.8474
Pt-193	0.4670	0.3432	0.4460	0.5371	0.2577	0.1678	0.3662	0.4713
Pt-193m	0.7552	0.5871	0.7334	0.8506	0.5026	0.3903	0.6473	0.7758
Pt-195m	2.6041	2.1307	2.5680	2.8719	2.0129	1.7337	2.4053	2.7202
Pt-197	0.7369	0.6024	0.7274	0.8104	0.5734	0.4930	0.6822	0.7744
Pt-197m	1.7376	1.4133	1.7104	1.9168	1.3504	1.1602	1.6214	1.8362
Pt-199	0.7124	0.5919	0.7053	0.7534	0.7389	0.7098	0.8129	0.8288
Pt-200	1.2328	1.0268	1.2232	1.3421	1.0318	0.9240	1.1930	1.3133
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.3826	1.2151	1.3872	1.4762	1.2322	1.1507	1.3569	1.4592
Pu-234	1.5798	1.3867	1.5843	1.6903	1.3873	1.2870	1.5358	1.6607
Pu-235	2.1215	1.8610	2.1268	2.2752	1.8318	1.6866	2.0412	2.2194
Pu-236	0.2064	0.1802	0.2061	0.2281	0.1364	0.1082	0.1681	0.2013
Pu-237	1.5003	1.3116	1.5019	1.6193	1.2377	1.1154	1.4029	1.5507
Pu-238	0.1906	0.1663	0.1902	0.2106	0.1258	0.0996	0.1551	0.1858
Pu-239	0.1118	0.0928	0.1101	0.1251	0.0703	0.0532	0.0903	0.1103
Pu-240	0.1793	0.1564	0.1789	0.1981	0.1184	0.0938	0.1459	0.1748
Pu-241	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001
Pu-242	0.1537	0.1342	0.1534	0.1699	0.1015	0.0804	0.1252	0.1499
Pu-243	0.5827	0.5160	0.5888	0.6224	0.5164	0.4801	0.5702	0.6137
Pu-244	0.1536	0.1326	0.1529	0.1682	0.1135	0.0952	0.1355	0.1557
Pu-245	1.6010	1.3625	1.5918	1.6888	1.6388	1.5764	1.7956	1.8470
Pu-246	2.3129	2.0426	2.3252	2.4610	2.1073	1.9837	2.3174	2.4509
Ra-219	1.0732	0.9127	1.0691	1.1289	1.0858	1.0392	1.2078	1.2550
Ra-220	0.0128	0.0106	0.0127	0.0134	0.0142	0.0139	0.0152	0.0154
Ra-221	0.8585	0.7291	0.8550	0.9304	0.7102	0.6313	0.8142	0.9074

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ra-222	0.0423	0.0356	0.0420	0.0441	0.0456	0.0443	0.0506	0.0519
Ra-223	1.7998	1.5408	1.7998	1.9224	1.6551	1.5454	1.8383	1.9654
Ra-224	0.0724	0.0619	0.0721	0.0760	0.0752	0.0735	0.0809	0.0816
Ra-225	0.5726	0.5183	0.5824	0.6190	0.4496	0.4011	0.5132	0.5596
Ra-226	1.2484	1.0196	1.0591	1.1774	1.4299	1.4010	1.5419	1.4942
Ra-227	1.6976	1.4529	1.6896	1.8393	1.3920	1.2341	1.6146	1.7896
Ra-228	1.2676	1.0431	1.0837	1.1961	1.4483	1.4184	1.5557	1.5166
Ra-230	0.8953	0.7700	0.8951	0.9582	0.8170	0.7621	0.9089	0.9669
Rb-77	2.0748	1.7837	2.0733	2.1930	2.1412	2.0715	2.3159	2.3457
Rb-78m	3.0871	2.4993	3.0237	3.2288	3.4874	3.3891	3.7646	3.7278
Rb-78	2.2848	1.8231	2.2350	2.3961	2.5787	2.4897	2.8241	2.7897
Rb-79	2.5627	2.1739	2.5500	2.7084	2.6008	2.4852	2.8281	2.9325
Rb-80	0.3684	0.3024	0.3599	0.3866	0.4107	0.3989	0.4430	0.4401
Rb-81	1.1197	0.9432	1.1121	1.2158	0.9651	0.8658	1.1026	1.2214
Rb-81m	0.6988	0.6222	0.7032	0.7671	0.4931	0.4087	0.5835	0.6925
Rb-82	0.2350	0.1912	0.2307	0.2489	0.2486	0.2371	0.2735	0.2750
Rb-82m	4.6868	3.8154	4.5893	4.9518	5.0126	4.7935	5.4859	5.5101
Rb-83	1.9323	1.6167	1.9152	2.0822	1.7594	1.6101	1.9971	2.1484
Rb-84	1.4199	1.1707	1.3976	1.5349	1.3357	1.2276	1.5121	1.5911
Rb-84m	2.0015	1.7075	1.9930	2.1063	2.0789	2.0235	2.2443	2.2772
Rb-86m	1.2050	0.9934	1.1877	1.2618	1.3536	1.3240	1.4644	1.4508
Rb-86	0.1067	0.0844	0.1033	0.1125	0.1229	0.1194	0.1330	0.1291
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.4664	0.3638	0.4509	0.4867	0.5428	0.5230	0.5960	0.5756
Rb-89	2.0289	1.5944	1.9616	2.1219	2.3433	2.2666	2.5440	2.4686
Rb-90	1.0600	0.8303	1.0304	1.1112	1.2278	1.1883	1.3468	1.3016
Rb-90m	2.4801	1.9547	2.4106	2.5954	2.8558	2.7594	3.1244	3.0309
Re-178	3.4563	2.8646	3.4127	3.6953	3.3451	3.1555	3.7328	3.8545
Re-179	4.2117	3.5142	4.1741	4.4906	4.1490	3.9357	4.6112	4.7772
Re-180	3.6056	2.9785	3.5584	3.8820	3.4447	3.2296	3.8738	4.0090
Re-181	4.2499	3.5491	4.2130	4.5637	4.0376	3.7919	4.5316	4.7575
Re-182	8.3596	7.0034	8.2824	8.9113	8.0727	7.6330	8.9481	9.2784
Re-182m	4.2592	3.5511	4.2145	4.5602	4.0321	3.7798	4.4942	4.6748
Re-183	3.4466	2.8879	3.4227	3.7456	2.9288	2.6566	3.3757	3.6586
Re-184	3.2381	2.6873	3.2021	3.4807	3.0970	2.9102	3.4767	3.5963
Re-184m	3.1601	2.6207	3.1247	3.4204	2.8168	2.5896	3.2150	3.4322
Re-186	0.3860	0.3265	0.3844	0.4156	0.3477	0.3225	0.3914	0.4194
Re-186m	1.4966	1.1428	1.4455	1.6959	0.9468	0.7076	1.2539	1.5250
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4328	0.3649	0.4313	0.4596	0.4259	0.4032	0.4660	0.4883
Re-188m	2.1958	1.8094	2.1687	2.4124	1.7588	1.5494	2.0773	2.3019
Re-189	0.5053	0.4220	0.5001	0.5403	0.4808	0.4528	0.5356	0.5591
Re-190	4.0442	3.3703	3.9993	4.2516	4.3908	4.2761	4.7373	4.7605

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Re-190m	3.6350	3.0267	3.5970	3.8614	3.7040	3.5452	4.0692	4.1818
Rh-100m	1.2051	1.1511	1.2389	1.2911	0.9891	0.9173	1.0784	1.2139
Rh-100	3.5616	2.9727	3.5135	3.7364	3.8040	3.6445	4.1561	4.1698
Rh-101	3.3119	2.9580	3.3365	3.4819	3.2759	3.1686	3.5237	3.6508
Rh-101m	1.9819	1.7665	1.9947	2.0865	1.9260	1.8400	2.1278	2.2446
Rh-102	1.2444	1.0956	1.2513	1.3179	1.2268	1.1736	1.3330	1.3926
Rh-102m	4.6373	3.9016	4.5886	4.8887	4.9707	4.8114	5.3758	5.4195
Rh-103m	0.1137	0.1024	0.1147	0.1248	0.0814	0.0698	0.0950	0.1131
Rh-104	0.0294	0.0247	0.0291	0.0308	0.0319	0.0310	0.0345	0.0346
Rh-104m	1.3941	1.3177	1.4317	1.4822	1.2116	1.1552	1.3148	1.4182
Rh-105	0.3417	0.2876	0.3388	0.3547	0.3760	0.3672	0.4173	0.4243
Rh-106	0.4159	0.3416	0.4097	0.4355	0.4699	0.4599	0.5085	0.5022
Rh-106m	4.5874	3.7208	4.4978	4.8031	5.2089	5.0760	5.6242	5.5430
Rh-107	1.3153	1.1073	1.3047	1.3688	1.4477	1.4184	1.5877	1.6096
Rh-108	0.7909	0.6545	0.7832	0.8318	0.8874	0.8704	0.9490	0.9570
Rh-109	1.4958	1.2790	1.4912	1.5610	1.6061	1.5699	1.7486	1.7827
Rh-94	2.8899	2.2869	2.7994	3.0032	3.3231	3.2002	3.5987	3.5182
Rh-95	2.0574	1.6684	2.0081	2.1633	2.2868	2.2018	2.4875	2.4496
Rh-95m	1.2405	1.0274	1.2261	1.3004	1.3745	1.3399	1.4917	1.4828
Rh-96	4.8509	3.9532	4.7433	5.0871	5.4420	5.2793	5.8879	5.8006
Rh-96m	1.2980	1.0902	1.2824	1.3699	1.3633	1.3045	1.4890	1.5003
Rh-97	1.8387	1.5529	1.8286	1.9415	1.9571	1.8944	2.1053	2.1549
Rh-97m	3.0214	2.5588	2.9933	3.1720	3.1746	3.0480	3.4532	3.4805
Rh-98	1.4486	1.1894	1.4151	1.5182	1.6196	1.5716	1.7474	1.7291
Rh-99	2.8301	2.5306	2.8568	2.9914	2.7350	2.6158	2.9696	3.1259
Rh-99m	2.2024	1.9285	2.2048	2.3200	2.1980	2.1034	2.4018	2.5131
Rn-207	3.1138	2.6191	3.0932	3.2988	3.1606	3.0189	3.4661	3.5835
Rn-209	3.4523	2.8948	3.4293	3.6633	3.4936	3.3309	3.8186	3.9527
Rn-210	0.2608	0.2194	0.2591	0.2784	0.2516	0.2368	0.2788	0.2916
Rn-211	4.2302	3.4949	4.1680	4.4777	4.3617	4.1523	4.7654	4.8618
Rn-212	0.0006	0.0005	0.0006	0.0006	0.0007	0.0007	0.0008	0.0007
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0016	0.0013	0.0015	0.0016	0.0018	0.0017	0.0019	0.0019
Rn-219	0.2825	0.2387	0.2812	0.2971	0.2997	0.2926	0.3233	0.3307
Rn-220	1.3354	1.1155	1.1539	1.2548	1.5057	1.4887	1.6121	1.5835
Rn-222	0.0010	0.0008	0.0009	0.0010	0.0011	0.0010	0.0012	0.0011
Rn-223	1.8209	1.5223	1.8018	1.9626	1.6283	1.4849	1.8436	1.9864
Ru-103	1.2025	0.9951	1.1942	1.2581	1.3485	1.3240	1.4624	1.4517
Ru-105	1.8017	1.5068	1.7819	1.8908	1.9729	1.9228	2.1337	2.1405
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7373	0.6107	0.7270	0.7722	0.8185	0.7994	0.8806	0.8737

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ru-108	0.7111	0.6238	0.7170	0.7442	0.7293	0.7061	0.7743	0.8021
Ru-92	6.6120	5.8101	6.6280	6.9436	6.6618	6.4437	7.1904	7.3387
Ru-94	2.0948	1.8425	2.1030	2.2204	2.0558	1.9573	2.2468	2.3601
Ru-95	2.7226	2.3279	2.7029	2.8626	2.8127	2.6942	3.0818	3.1577
Ru-97	2.3046	2.0593	2.3172	2.4280	2.2308	2.1386	2.4219	2.5001
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.9751	0.7397	0.9444	1.0272	1.1533	1.1113	1.2962	1.2454
S-38	0.9649	0.7398	0.9301	0.9989	1.1279	1.0883	1.2415	1.1997
Sb-111	2.2302	1.9082	2.2310	2.3347	2.3792	2.3137	2.5447	2.5789
Sb-113	1.6204	1.3785	1.6178	1.6987	1.7328	1.6865	1.8860	1.8924
Sb-114	2.0236	1.6059	1.9599	2.0929	2.2823	2.1932	2.4476	2.4090
Sb-115	1.7153	1.4842	1.7218	1.8017	1.7806	1.7268	1.9369	1.9514
Sb-116	1.8796	1.5223	1.8318	1.9513	2.0581	1.9711	2.2151	2.1870
Sb-116m	5.5213	4.6326	5.4567	5.7875	5.9245	5.7354	6.3606	6.3602
Sb-117	2.1817	1.9665	2.2151	2.2887	2.1250	2.0359	2.2705	2.3598
Sb-118	0.2415	0.2243	0.2457	0.2550	0.2138	0.2004	0.2329	0.2427
Sb-118m	5.4054	4.6069	5.3606	5.6638	5.6636	5.4832	6.0868	6.0659
Sb-119	0.9164	0.8758	0.9415	0.9789	0.7313	0.6693	0.8122	0.8762
Sb-120	0.4463	0.4279	0.4588	0.4736	0.3713	0.3451	0.4070	0.4307
Sb-120m	5.9455	5.0702	5.9019	6.2395	6.2907	6.1100	6.7497	6.7178
Sb-122m	1.8059	1.6647	1.8430	1.9201	1.6270	1.5493	1.7790	1.8492
Sb-122	0.9458	0.7803	0.9311	0.9900	1.0625	1.0387	1.1476	1.1354
Sb-124	2.2609	1.8162	2.1963	2.3572	2.5935	2.5091	2.8097	2.7508
Sb-124m	0.9748	0.7958	0.9558	1.0269	1.0668	1.0325	1.1627	1.1631
Sb-124n	0.0738	0.0530	0.0701	0.0852	0.0400	0.0253	0.0579	0.0747
Sb-125	1.6470	1.4392	1.6510	1.7336	1.6826	1.6276	1.8118	1.8529
Sb-126	5.3186	4.3552	5.2182	5.5844	6.0090	5.8686	6.4627	6.4063
Sb-126m	3.2030	2.6296	3.1477	3.3668	3.6067	3.5234	3.8673	3.8605
Sb-127	1.5249	1.2612	1.5043	1.5988	1.7015	1.6645	1.8337	1.8205
Sb-128	5.9307	4.8528	5.8202	6.2047	6.6892	6.5251	7.2594	7.1697
Sb-128m	3.8799	3.1809	3.8140	4.0543	4.3599	4.2506	4.7609	4.7154
Sb-129	2.0216	1.6291	1.9759	2.1219	2.3046	2.2417	2.5023	2.4456
Sb-130m	4.4450	3.6187	4.3632	4.6683	5.0070	4.8777	5.4217	5.3126
Sb-130	6.4871	5.3364	6.3902	6.7909	7.2496	7.0673	7.8646	7.7804
Sb-131	2.5202	2.0224	2.4539	2.6445	2.8799	2.7963	3.1281	3.0555
Sb-133	2.6062	2.0557	2.5246	2.7197	3.0070	2.9033	3.2675	3.1799
Sc-42m	3.6074	2.8497	3.4974	3.7396	4.1525	3.9998	4.4496	4.3932
Sc-43	0.3040	0.2518	0.3014	0.3210	0.3291	0.3198	0.3564	0.3696
Sc-44	1.2425	0.9693	1.1970	1.2934	1.4285	1.3799	1.5298	1.4946
Sc-44m	1.2684	1.0701	1.2578	1.3226	1.3828	1.3638	1.4958	1.4968
Sc-46	2.4586	1.9528	2.3883	2.5874	2.8240	2.7450	3.0568	2.9707
Sc-47	1.0887	0.9394	1.0952	1.1336	1.1604	1.1282	1.2246	1.2584
Sc-48	3.8034	3.0064	3.6814	3.9944	4.3800	4.2450	4.7302	4.5985

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sc-49	0.0007	0.0005	0.0006	0.0007	0.0008	0.0008	0.0009	0.0008
Sc-50	3.4815	2.7543	3.3728	3.6226	4.0252	3.8768	4.3650	4.2527
Se-70	2.9114	2.3434	2.8557	3.1999	2.3257	2.0202	2.7703	3.1234
Se-71	1.5034	1.2494	1.4874	1.5756	1.6235	1.5707	1.7454	1.7628
Se-72	1.9747	1.5936	1.9387	2.2018	1.3523	1.0919	1.6983	1.9958
Se-73	2.6996	2.2694	2.6855	2.8879	2.6191	2.4766	2.9174	3.0729
Se-73m	0.4266	0.3433	0.4181	0.4689	0.3450	0.2998	0.4090	0.4600
Se-75	3.6437	3.0137	3.5992	3.9082	3.3875	3.1537	3.8118	4.0797
Se-77m	1.2481	1.0417	1.2398	1.3392	1.1353	1.0396	1.2692	1.3797
Se-79m	0.8443	0.6700	0.8233	0.9490	0.5508	0.4240	0.7037	0.8591
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0255	0.0213	0.0252	0.0266	0.0282	0.0277	0.0306	0.0306
Se-81m	0.9018	0.7205	0.8808	1.0089	0.6117	0.4847	0.7673	0.9235
Se-83m	1.2263	0.9858	1.1959	1.2913	1.4017	1.3639	1.5260	1.4960
Se-83	4.2128	3.4333	4.1367	4.4008	4.7538	4.6346	5.1482	5.0946
Se-84	1.2597	1.0470	1.2538	1.3306	1.4067	1.3826	1.4876	1.5307
Si-31	0.0008	0.0007	0.0008	0.0009	0.0010	0.0009	0.0010	0.0010
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.2170	1.8721	2.2009	2.3223	2.3662	2.3024	2.5802	2.5903
Sm-140	1.6615	1.4552	1.6717	1.7551	1.6071	1.5368	1.7518	1.7907
Sm-141	1.9244	1.6157	1.9140	2.0283	2.0442	1.9782	2.2005	2.2360
Sm-141m	4.1128	3.4742	4.0832	4.3237	4.3602	4.2279	4.7146	4.7003
Sm-142	0.9073	0.8294	0.9281	0.9689	0.7745	0.7244	0.8581	0.9001
Sm-143	0.5829	0.5270	0.5936	0.6213	0.5116	0.4801	0.5654	0.5886
Sm-143m	1.1988	0.9793	1.1782	1.2591	1.3350	1.2979	1.4484	1.4224
Sm-145	1.8845	1.7235	1.9276	2.0117	1.6246	1.5261	1.7965	1.8778
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0021	0.0016	0.0020	0.0024	0.0012	0.0008	0.0017	0.0021
Sm-153	1.3625	1.2218	1.3832	1.4441	1.2636	1.2134	1.3713	1.4164
Sm-155	1.4779	1.3091	1.4902	1.5478	1.4972	1.4736	1.5827	1.6132
Sm-156	1.3967	1.2031	1.3979	1.4793	1.3550	1.2953	1.4784	1.5297
Sm-157	2.1043	1.8071	2.0979	2.2051	2.2130	2.1597	2.3771	2.3752
Sn-106	3.2459	2.8057	3.2437	3.4108	3.3778	3.2827	3.6329	3.6813
Sn-108	3.2452	2.8410	3.2574	3.4138	3.3291	3.2349	3.5674	3.6570
Sn-109	2.7582	2.3012	2.7156	2.8912	2.9502	2.8276	3.2093	3.1955
Sn-110	2.0674	1.8393	2.0809	2.1676	2.0608	1.9961	2.2472	2.3036
Sn-111	0.6684	0.6194	0.6796	0.7079	0.5971	0.5600	0.6527	0.6824
Sn-113	0.7428	0.7180	0.7657	0.7903	0.6094	0.5660	0.6668	0.7162
Sn-113m	0.5166	0.4948	0.5312	0.5509	0.4162	0.3826	0.4606	0.4943
Sn-117m	2.0784	1.8603	2.1070	2.1796	2.0429	1.9588	2.1816	2.2678
Sn-119m	0.6320	0.5941	0.6460	0.6792	0.4923	0.4436	0.5546	0.6064

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2140	0.1961	0.2174	0.2307	0.1654	0.1477	0.1890	0.2084
Sn-123	0.0079	0.0062	0.0076	0.0083	0.0091	0.0088	0.0098	0.0095
Sn-123m	1.4751	1.2838	1.4862	1.5381	1.5463	1.5001	1.6360	1.6835
Sn-125m	1.3607	1.1417	1.3492	1.4159	1.5018	1.4667	1.6554	1.6867
Sn-125	0.4056	0.3236	0.3949	0.4267	0.4648	0.4521	0.5047	0.4921
Sn-126	1.2453	1.1243	1.2650	1.3192	1.1530	1.1012	1.2481	1.3072
Sn-127m	1.1921	0.9798	1.1809	1.2456	1.3437	1.3161	1.4550	1.4437
Sn-127	2.6220	2.1237	2.5660	2.7493	2.9624	2.8822	3.2055	3.1475
Sn-128	3.3030	2.9754	3.3481	3.4796	3.2035	3.0819	3.4660	3.5614
Sn-129	1.5915	1.2916	1.5499	1.6649	1.8101	1.7605	1.9490	1.9178
Sn-130	3.6453	3.1480	3.6427	3.8233	3.8285	3.7306	4.1188	4.1189
Sn-130m	2.1579	1.8487	2.1494	2.2635	2.2719	2.1997	2.4510	2.4588
Sr-79	1.6320	1.4445	1.6451	1.7276	1.5574	1.4846	1.6943	1.7751
Sr-80	1.6017	1.3777	1.5949	1.7179	1.4575	1.3396	1.6295	1.7528
Sr-81	2.2004	1.8762	2.1969	2.3079	2.3242	2.2522	2.4896	2.5458
Sr-82	0.7722	0.6902	0.7769	0.8537	0.5054	0.4000	0.6129	0.7502
Sr-83	2.0043	1.7167	1.9949	2.1625	1.7622	1.5921	1.9916	2.1715
Sr-85	1.9413	1.6562	1.9366	2.0771	1.8141	1.6830	2.0343	2.1601
Sr-85m	1.6130	1.3819	1.6063	1.6924	1.6768	1.6359	1.8031	1.8212
Sr-87m	1.1668	0.9826	1.1629	1.2366	1.2380	1.1991	1.3272	1.3869
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.0088	0.8127	0.9834	1.0638	1.1527	1.1229	1.2501	1.2187
Sr-92	1.2395	0.9596	1.1890	1.2748	1.4392	1.3767	1.5412	1.5044
Sr-93	3.3842	2.7591	3.3147	3.5434	3.7829	3.6648	4.0978	4.0460
Sr-94	1.2314	0.9496	1.1783	1.2660	1.4390	1.3704	1.5496	1.5060
Ta-170	1.8385	1.5397	1.8210	1.9736	1.7199	1.6156	1.9263	2.0103
Ta-172	3.9293	3.2580	3.8746	4.1765	3.8984	3.7001	4.3107	4.4076
Ta-173	3.3230	2.7981	3.3022	3.5816	2.9753	2.7524	3.3744	3.5746
Ta-174	3.2886	2.7608	3.2580	3.5132	3.1150	2.9341	3.4759	3.6017
Ta-175	4.2486	3.5791	4.2170	4.5289	4.1022	3.8840	4.5620	4.7097
Ta-176	3.9515	3.2251	3.8769	4.2003	3.9251	3.6870	4.3746	4.4687
Ta-177	1.6164	1.3839	1.6148	1.7485	1.3931	1.2868	1.5904	1.6977
Ta-178	1.6873	1.4348	1.6821	1.8279	1.4422	1.3235	1.6535	1.7715
Ta-178m	8.0216	6.8177	7.9964	8.5008	8.0030	7.6888	8.8035	9.0958
Ta-179	0.8846	0.7359	0.8762	0.9704	0.7009	0.6192	0.8311	0.9178
Ta-180	1.3890	1.1843	1.3862	1.5070	1.1744	1.0757	1.3503	1.4515
Ta-182	3.4576	2.8617	3.4095	3.6679	3.4550	3.2811	3.7869	3.8770
Ta-182m	4.1893	3.5078	4.1590	4.5113	3.7638	3.4711	4.2582	4.5570
Ta-183	3.8265	3.2074	3.7972	4.1223	3.4466	3.1962	3.9033	4.1586
Ta-184	5.3816	4.4565	5.3200	5.7153	5.5502	5.3359	6.0846	6.2309
Ta-185	2.1787	1.8166	2.1594	2.3502	1.9518	1.7959	2.2115	2.3654

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ta-186	5.0256	4.2082	4.9727	5.2870	5.3394	5.1851	5.7974	5.8258
Tb-146	2.6657	2.1114	2.5790	2.7811	3.0260	2.8830	3.3059	3.2251
Tb-147m	1.9504	1.5928	1.9103	2.0369	2.0489	1.9419	2.2362	2.2279
Tb-147	3.5280	2.9333	3.4814	3.7046	3.7377	3.6022	4.0473	4.0487
Tb-148m	5.9573	4.9291	5.8808	6.2811	6.5107	6.3293	7.0386	7.0262
Tb-148	2.5845	2.1183	2.5447	2.7176	2.8103	2.7150	3.0705	3.0314
Tb-149m	2.7296	2.2905	2.7085	2.8809	2.8487	2.7465	3.1105	3.1071
Tb-149	3.2753	2.7655	3.2578	3.4511	3.4070	3.2849	3.7083	3.7505
Tb-150m	6.0955	5.0940	6.0291	6.4124	6.5900	6.4059	7.1340	7.1473
Tb-150	3.0596	2.5320	3.0129	3.2178	3.2628	3.1374	3.5687	3.5486
Tb-151	4.4573	3.8307	4.4575	4.7016	4.5129	4.3669	4.9044	4.9876
Tb-151m	1.0723	0.8628	1.0520	1.1849	0.8083	0.6867	0.9850	1.1200
Tb-152m	4.0413	3.4601	4.0397	4.2700	4.0423	3.8928	4.4349	4.5509
Tb-152	2.9058	2.4462	2.8852	3.0572	3.0257	2.9149	3.3216	3.3593
Tb-153	2.9297	2.5563	2.9454	3.1083	2.7846	2.6618	3.0559	3.1437
Tb-154	3.4131	2.8557	3.3807	3.5942	3.5088	3.3616	3.8501	3.8633
Tb-155	2.9541	2.6091	2.9857	3.1322	2.7653	2.6449	3.0190	3.1326
Tb-156	5.1292	4.3195	5.0901	5.4003	5.2821	5.0846	5.7503	5.7958
Tb-156m	0.9421	0.8591	0.9607	0.9923	0.8749	0.8538	0.9566	0.9758
Tb-156n	0.3084	0.2382	0.2991	0.3475	0.2005	0.1539	0.2612	0.3139
Tb-157	0.3253	0.2590	0.3184	0.3636	0.2210	0.1768	0.2799	0.3285
Tb-158	2.6595	2.2619	2.6514	2.8380	2.5916	2.4658	2.8665	2.9206
Tb-160	2.3416	1.9279	2.3046	2.4706	2.4968	2.4098	2.7302	2.7303
Tb-161	1.1742	1.0285	1.1814	1.2679	0.9649	0.8788	1.1047	1.1947
Tb-162	3.0727	2.5618	3.0402	3.2330	3.3002	3.2175	3.5826	3.5681
Tb-163	2.5364	2.1176	2.5189	2.6644	2.7734	2.7103	3.0007	3.0473
Tb-164	5.0276	4.1465	4.9487	5.2754	5.4457	5.2706	5.9066	5.8945
Tb-165	1.1317	0.8974	1.0985	1.1856	1.2170	1.1557	1.3295	1.3315
Tc-101	1.4491	1.2213	1.4372	1.5056	1.5928	1.5587	1.7551	1.7756
Tc-102m	3.0576	2.4613	2.9881	3.1946	3.4924	3.3922	3.7841	3.7222
Tc-102	0.1427	0.1166	0.1407	0.1496	0.1614	0.1578	0.1743	0.1729
Tc-104	2.9964	2.4347	2.9406	3.1292	3.3935	3.2962	3.6947	3.6752
Tc-105	2.5403	2.1683	2.5311	2.6581	2.7090	2.6376	2.9156	2.9563
Tc-91	1.0913	0.8607	1.0564	1.1357	1.2499	1.1922	1.3796	1.3379
Tc-91m	0.8222	0.6754	0.8122	0.8590	0.9190	0.8955	0.9980	0.9880
Tc-92	5.2640	4.3606	5.1882	5.4816	5.8027	5.6056	6.2899	6.2843
Tc-93	1.9163	1.6083	1.8800	1.9992	1.9388	1.8019	2.1175	2.1520
Tc-93m	1.3613	1.1537	1.3545	1.4390	1.4241	1.3654	1.5490	1.5923
Tc-94	4.5661	3.7972	4.4997	4.8213	4.9180	4.7379	5.3673	5.3277
Tc-94m	1.6466	1.3530	1.6176	1.7393	1.7938	1.7255	1.9666	1.9384
Tc-95	2.0310	1.7624	2.0255	2.1497	1.9959	1.8840	2.1963	2.2465
Tc-95m	2.7191	2.3729	2.7144	2.8658	2.7179	2.6003	2.9613	3.0064
Tc-96	4.5110	3.7543	4.4536	4.7571	4.8248	4.6408	5.2720	5.2415

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-96m	0.4697	0.4403	0.4785	0.5040	0.3742	0.3354	0.4198	0.4684
Tc-97	0.7625	0.7324	0.7813	0.8181	0.5672	0.4940	0.6463	0.7284
Tc-97m	0.5834	0.5605	0.5987	0.6272	0.4411	0.3908	0.4962	0.5654
Tc-98	2.4785	2.0187	2.4225	2.5981	2.8120	2.7414	3.0345	2.9805
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.5069	1.3201	1.5177	1.5740	1.5678	1.5292	1.6643	1.7177
Te-113	1.3674	1.0942	1.3307	1.4287	1.5485	1.4951	1.6812	1.6433
Te-114	2.6962	2.3469	2.6951	2.8355	2.6966	2.5813	2.9317	2.9780
Te-115	2.1959	1.7951	2.1469	2.2879	2.4255	2.3406	2.6124	2.5805
Te-115m	2.4605	2.0031	2.4055	2.5709	2.7261	2.6261	2.9571	2.9100
Te-116	1.7737	1.6558	1.8124	1.8730	1.5874	1.5101	1.7156	1.7984
Te-117	1.9347	1.6352	1.9129	2.0326	2.0426	1.9607	2.2282	2.2153
Te-118	0.7241	0.6973	0.7459	0.7687	0.5923	0.5498	0.6510	0.6967
Te-119	1.9806	1.7237	1.9707	2.0841	2.0189	1.9391	2.1862	2.2084
Te-119m	3.5796	3.0541	3.5598	3.7406	3.7504	3.6204	4.0203	4.0625
Te-121	1.9629	1.7221	1.9675	2.0656	1.9821	1.9096	2.1528	2.1838
Te-121m	1.8785	1.6576	1.8835	1.9728	1.8724	1.8144	2.0212	2.0431
Te-123	0.0652	0.0471	0.0620	0.0752	0.0357	0.0229	0.0513	0.0660
Te-123m	1.8762	1.6611	1.8968	1.9674	1.8582	1.7823	1.9870	2.0719
Te-125m	1.2850	1.2256	1.3206	1.3643	1.0548	0.9795	1.1627	1.2520
Te-127	0.0170	0.0143	0.0169	0.0179	0.0185	0.0182	0.0197	0.0202
Te-127m	0.4281	0.4006	0.4374	0.4576	0.3425	0.3128	0.3837	0.4186
Te-129	0.3744	0.3253	0.3750	0.4011	0.3338	0.3091	0.3747	0.4002
Te-129m	0.3562	0.3290	0.3622	0.3790	0.3036	0.2819	0.3364	0.3592
Te-131	1.8106	1.5529	1.8123	1.8937	1.9317	1.8815	2.0589	2.0981
Te-131m	2.8798	2.3953	2.8436	3.0170	3.1491	3.0644	3.4011	3.3740
Te-132	2.3171	2.0725	2.3359	2.4289	2.2915	2.2327	2.4649	2.5030
Te-133	2.1708	1.7798	2.1348	2.2654	2.4367	2.3725	2.6578	2.6572
Te-133m	3.2052	2.6439	3.1538	3.3691	3.5520	3.4549	3.8534	3.8091
Te-134	3.0637	2.6158	3.0538	3.2088	3.2769	3.2006	3.5232	3.5316
Th-223	1.6415	1.4203	1.6440	1.7629	1.4267	1.3085	1.5964	1.7375
Th-224	0.2456	0.2111	0.2454	0.2600	0.2384	0.2258	0.2601	0.2718
Th-226	0.2217	0.1908	0.2209	0.2407	0.1771	0.1559	0.2050	0.2292
Th-227	1.9176	1.6378	1.9075	2.0755	1.5861	1.4153	1.8335	2.0208
Th-228	0.1975	0.1686	0.1962	0.2181	0.1359	0.1096	0.1666	0.1965
Th-229	2.7169	2.3264	2.7078	2.9534	2.1641	1.9009	2.5062	2.8101
Th-230	1.1172	1.0540	1.0208	1.0506	1.1955	1.2081	1.2212	1.2254
Th-231	1.5871	1.3785	1.5845	1.7460	1.1087	0.9104	1.3399	1.5697
Th-232	1.1740	0.9574	0.9984	1.0996	1.3544	1.3292	1.4504	1.4132
Th-233	0.4699	0.3908	0.4643	0.5148	0.3656	0.3145	0.4332	0.4907
Th-234	0.3370	0.2941	0.3377	0.3656	0.2720	0.2423	0.3122	0.3459
Th-235	0.1426	0.1187	0.1411	0.1506	0.1522	0.1472	0.1647	0.1670
Th-236	0.3264	0.2813	0.3256	0.3494	0.2943	0.2727	0.3281	0.3523

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-44	2.6855	2.3903	2.7305	2.8375	2.6450	2.5650	2.8438	2.9160
Ti-45	0.0260	0.0190	0.0248	0.0296	0.0165	0.0120	0.0222	0.0272
Ti-51	1.3827	1.1570	1.3685	1.4368	1.5317	1.4955	1.6989	1.7220
Ti-52	1.9197	1.6847	1.9283	2.0222	1.8917	1.8239	2.0449	2.1358
Ti-190	2.0954	1.7430	2.0783	2.2273	2.1748	2.0897	2.3594	2.4369
Ti-190m	5.2258	4.3231	5.1569	5.5210	5.5882	5.3984	6.0649	6.1463
Ti-194	2.3723	1.9857	2.3575	2.5330	2.3646	2.2501	2.5927	2.7027
Ti-194m	7.0723	5.8696	6.9886	7.5006	7.3246	7.0231	8.0035	8.1823
Ti-195	3.5313	2.8988	3.4807	3.7988	3.2747	3.0132	3.7096	3.9186
Ti-196	3.6951	3.0465	3.6491	3.9223	3.7921	3.6062	4.1630	4.2745
Ti-197	2.7571	2.3225	2.7454	2.9604	2.5528	2.3750	2.8538	3.0281
Ti-198	4.0658	3.3448	4.0119	4.3157	4.1625	3.9540	4.5656	4.6932
Ti-198m	4.9433	4.1127	4.8904	5.2747	4.8951	4.6366	5.4076	5.6323
Ti-199	2.7194	2.3033	2.7128	2.9240	2.4803	2.3069	2.7799	2.9580
Ti-200	3.8894	3.2230	3.8465	4.1284	3.9254	3.7282	4.3141	4.4686
Ti-201	2.3035	1.9455	2.2973	2.4994	1.9593	1.7728	2.2397	2.4474
Ti-202	2.7414	2.3063	2.7346	2.9379	2.6352	2.4869	2.9135	3.0754
Ti-204	0.0374	0.0314	0.0372	0.0408	0.0307	0.0274	0.0356	0.0393
Ti-206m	6.8924	5.7383	6.8118	7.2608	7.4391	7.2456	8.0560	8.0738
Ti-206	0.0017	0.0015	0.0017	0.0019	0.0015	0.0014	0.0017	0.0018
Ti-207	0.0034	0.0027	0.0033	0.0036	0.0038	0.0037	0.0042	0.0040
Ti-208	2.8025	2.2536	2.7396	2.9343	3.1757	3.0628	3.5184	3.4281
Ti-209	4.1114	3.4154	4.0588	4.2979	4.4730	4.3186	4.8302	4.8503
Ti-210	4.3202	3.4998	4.2325	4.5368	4.6735	4.4880	5.1392	5.1458
Tm-161	5.3878	4.6419	5.3903	5.7203	5.1015	4.8500	5.6524	5.8392
Tm-162	2.7348	2.2720	2.7000	2.8901	2.7657	2.6396	3.0493	3.0846
Tm-163	4.4416	3.7794	4.4209	4.6984	4.3471	4.1530	4.7838	4.8952
Tm-164	1.2698	1.0813	1.2652	1.3535	1.1786	1.1098	1.3188	1.3691
Tm-165	3.5476	3.0477	3.5461	3.7616	3.4356	3.2971	3.7943	3.9001
Tm-166	4.1445	3.4419	4.0938	4.3818	4.1702	3.9740	4.5986	4.6708
Tm-167	2.3766	2.0446	2.3752	2.5426	2.1452	2.0181	2.4098	2.5217
Tm-168	4.7900	4.0382	4.7571	5.0734	4.8265	4.6346	5.2981	5.3789
Tm-170	0.1273	0.1058	0.1262	0.1389	0.1032	0.0919	0.1208	0.1334
Tm-171	0.0191	0.0163	0.0191	0.0207	0.0160	0.0146	0.0184	0.0198
Tm-172	0.8510	0.6826	0.8301	0.9060	0.8372	0.7751	0.9384	0.9672
Tm-173	1.3538	1.1311	1.3485	1.4355	1.4607	1.4262	1.5561	1.6127
Tm-174	5.8835	4.9093	5.8251	6.2148	6.2216	6.0263	6.7893	6.8851
Tm-175	2.3096	1.8998	2.2787	2.4364	2.5111	2.4367	2.7419	2.7376
Tm-176	4.1363	3.4122	4.0762	4.3657	4.3483	4.1816	4.7573	4.8040
U-227	1.6262	1.4064	1.6251	1.7383	1.4643	1.3622	1.6285	1.7419
U-228	0.2204	0.1915	0.2200	0.2411	0.1613	0.1356	0.1918	0.2207
U-230	0.2283	0.1978	0.2275	0.2520	0.1536	0.1224	0.1890	0.2240
U-231	3.1130	2.7185	3.1160	3.3826	2.4249	2.1210	2.8048	3.1645

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-232	0.2117	0.1831	0.2108	0.2343	0.1387	0.1087	0.1725	0.2065
U-233	0.1122	0.0960	0.1114	0.1244	0.0730	0.0569	0.0913	0.1099
U-234	1.1202	1.0901	1.0343	1.0490	1.1837	1.2090	1.2025	1.1779
U-235	1.5819	1.3978	1.4224	1.4954	1.7254	1.7142	1.8027	1.7819
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1743	0.1506	0.1735	0.1930	0.1134	0.0884	0.1414	0.1698
U-237	2.8764	2.5175	2.8822	3.0866	2.5105	2.3185	2.8090	3.0201
U-238	0.9737	0.8356	0.8501	0.9258	1.0915	1.0910	1.1565	1.1258
U-239	0.9820	0.8760	0.9965	1.0446	0.9054	0.8562	0.9903	1.0422
U-240	0.5873	0.5074	0.5850	0.6472	0.4065	0.3317	0.4940	0.5819
U-242	0.3302	0.2909	0.3325	0.3495	0.3241	0.3122	0.3530	0.3617
V-47	0.0143	0.0110	0.0138	0.0156	0.0126	0.0110	0.0149	0.0161
V-48	2.6383	2.0655	2.5462	2.7699	2.9915	2.8768	3.2441	3.1762
V-49	0.1822	0.1308	0.1730	0.2104	0.0987	0.0625	0.1430	0.1845
V-50	1.3166	1.0103	1.2594	1.3780	1.4541	1.3514	1.6170	1.5984
V-52	1.1877	0.9110	1.1338	1.2187	1.3926	1.3226	1.4999	1.4560
V-53	1.2589	1.0041	1.2226	1.3374	1.4501	1.4121	1.5793	1.5285
W-177	5.7786	4.8714	5.7424	6.1928	5.4521	5.1377	6.0793	6.3658
W-178	0.7014	0.5632	0.6874	0.7799	0.5126	0.4288	0.6324	0.7243
W-179	1.9016	1.5996	1.8888	2.0812	1.5110	1.3387	1.7806	1.9672
W-179m	1.2387	1.0411	1.2303	1.3477	1.0507	0.9556	1.2134	1.3076
W-181	1.2528	1.0558	1.2459	1.3674	1.0302	0.9281	1.2013	1.3064
W-185m	1.2878	0.9871	1.2452	1.4506	0.8630	0.6697	1.1147	1.3338
W-185	0.0011	0.0009	0.0011	0.0012	0.0010	0.0009	0.0011	0.0012
W-187	1.6038	1.3470	1.5917	1.7012	1.6433	1.5792	1.7997	1.8323
W-188	0.0158	0.0132	0.0156	0.0168	0.0152	0.0144	0.0171	0.0177
W-190	2.8877	2.4520	2.8824	3.1118	2.5955	2.4051	2.9206	3.1136
Xe-120	2.6066	2.3627	2.6417	2.7493	2.4596	2.3509	2.6706	2.7694
Xe-121	1.9607	1.6937	1.9577	2.0555	2.0204	1.9501	2.1955	2.2199
Xe-122	1.0430	0.9727	1.0656	1.1018	0.9198	0.8692	1.0054	1.0698
Xe-123	2.1699	1.9260	2.1879	2.2755	2.1497	2.0678	2.3155	2.3917
Xe-125	2.6016	2.3395	2.6281	2.7321	2.5256	2.4397	2.7228	2.7926
Xe-127	2.7350	2.4345	2.7545	2.8690	2.7152	2.6282	2.9214	2.9847
Xe-127m	2.3055	2.0539	2.3282	2.4157	2.2977	2.2313	2.4589	2.5451
Xe-129m	1.5420	1.4546	1.5810	1.6330	1.3000	1.2179	1.4282	1.5333
Xe-131m	0.6553	0.6137	0.6703	0.6960	0.5439	0.5051	0.6018	0.6529
Xe-133	1.0997	1.0114	1.1250	1.1574	1.0161	0.9745	1.0942	1.1504
Xe-133m	0.7709	0.7148	0.7857	0.8154	0.6735	0.6357	0.7381	0.7847
Xe-135	1.3659	1.1671	1.3594	1.4249	1.4787	1.4678	1.5754	1.5658
Xe-135m	1.1135	0.9369	1.1077	1.1667	1.2102	1.1814	1.3139	1.3127
Xe-137	0.4249	0.3506	0.4215	0.4462	0.4770	0.4677	0.5121	0.5152
Xe-138	1.6891	1.3756	1.6599	1.7752	1.8211	1.7577	1.9874	2.0008
Y-81	2.0979	1.8469	2.1126	2.2227	1.9973	1.8980	2.1710	2.2949

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Y-83	1.3104	1.1472	1.3119	1.3991	1.1827	1.0871	1.3218	1.4013
Y-83m	1.3467	1.1575	1.3439	1.4192	1.3699	1.3232	1.4883	1.5254
Y-84m	4.0435	3.2453	3.9429	4.2616	4.5989	4.4650	4.9992	4.8770
Y-85	1.1276	0.9510	1.1222	1.1941	1.1480	1.0941	1.2681	1.2959
Y-85m	1.2671	1.0608	1.2501	1.3385	1.2771	1.2051	1.4096	1.4355
Y-86	4.4393	3.6104	4.3398	4.6754	4.8206	4.6215	5.2601	5.2406
Y-86m	1.5734	1.3485	1.5632	1.6448	1.6708	1.6374	1.7926	1.7770
Y-87	1.8908	1.6300	1.8919	2.0190	1.7607	1.6337	1.9697	2.0866
Y-87m	1.1515	0.9757	1.1484	1.2175	1.2139	1.1734	1.3090	1.3642
Y-88	3.0783	2.5167	3.0148	3.2603	3.1781	2.9834	3.5380	3.5640
Y-89m	1.2289	0.9873	1.2000	1.3024	1.4050	1.3692	1.5323	1.4864
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	2.7432	2.3263	2.7280	2.8698	2.9724	2.9142	3.1969	3.1788
Y-91	0.0032	0.0025	0.0030	0.0033	0.0037	0.0035	0.0039	0.0038
Y-91m	1.1924	0.9864	1.1763	1.2492	1.3286	1.2969	1.4392	1.4285
Y-92	0.3241	0.2593	0.3158	0.3409	0.3715	0.3610	0.4031	0.3932
Y-93	0.1731	0.1429	0.1703	0.1806	0.1933	0.1895	0.2093	0.2065
Y-94	0.9571	0.7661	0.9330	1.0104	1.0976	1.0681	1.1952	1.1615
Y-95	0.6931	0.5403	0.6705	0.7244	0.8065	0.7775	0.8865	0.8563
Yb-162	2.9569	2.5522	2.9627	3.1406	2.8050	2.6729	3.0888	3.2249
Yb-163	2.1327	1.7897	2.1155	2.2897	1.9504	1.8171	2.2093	2.3178
Yb-164	1.2919	1.1255	1.2981	1.3874	1.1183	1.0458	1.2683	1.3433
Yb-165	3.4961	2.9649	3.4863	3.7766	2.9910	2.7433	3.4270	3.6858
Yb-166	2.4300	2.1202	2.4443	2.6066	2.1170	1.9840	2.3913	2.5314
Yb-167	5.2018	4.4877	5.2080	5.5637	4.6966	4.4253	5.2465	5.5424
Yb-169	5.7050	4.9566	5.7224	6.0836	5.2695	5.0077	5.8602	6.1035
Yb-175	0.2249	0.1913	0.2245	0.2382	0.2301	0.2230	0.2494	0.2580
Yb-177	0.8196	0.6965	0.8169	0.8645	0.8332	0.8015	0.9026	0.9257
Yb-178	0.1566	0.1303	0.1555	0.1662	0.1636	0.1578	0.1785	0.1862
Yb-179	2.4710	2.0499	2.4347	2.5985	2.7023	2.6286	2.9269	2.9356
Zn-60	1.5201	1.2734	1.5010	1.6014	1.6337	1.5876	1.7760	1.7770
Zn-61	0.5413	0.4310	0.5278	0.5654	0.6160	0.5943	0.6725	0.6613
Zn-62	1.7488	1.4052	1.7137	1.9046	1.5176	1.3589	1.7697	1.9156
Zn-63	0.2523	0.1994	0.2446	0.2702	0.2612	0.2458	0.2920	0.2963
Zn-65	1.2392	0.9320	1.1869	1.3644	1.0514	0.9068	1.2559	1.3759
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.1944	0.9865	1.1864	1.2614	1.3157	1.2861	1.4107	1.4422
Zn-71	0.6557	0.5397	0.6482	0.6877	0.7370	0.7220	0.7973	0.7903
Zn-71m	3.7305	3.0838	3.6867	3.9159	4.1853	4.0996	4.4951	4.5121
Zn-72	2.5243	2.0801	2.4944	2.7261	2.2159	2.0064	2.5253	2.7630
Zr-85	1.1530	0.9541	1.1420	1.2126	1.2684	1.2346	1.3633	1.3802
Zr-86	3.1145	2.7952	3.1347	3.3078	2.7779	2.5797	3.0816	3.2526
Zr-87	0.2310	0.2021	0.2301	0.2463	0.2001	0.1788	0.2262	0.2413

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zr-88	2.0164	1.7581	2.0227	2.1520	1.9098	1.7870	2.0918	2.2376
Zr-89	1.8549	1.5683	1.8347	1.9803	1.8456	1.7335	2.0537	2.0826
Zr-89m	1.2351	1.0201	1.2120	1.2941	1.3698	1.3290	1.4826	1.4717
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.2071	0.9781	1.1818	1.2657	1.3710	1.3363	1.4838	1.4523
Zr-97	1.4454	1.1732	1.4159	1.5146	1.6349	1.5922	1.7697	1.7364

Table 5: Composite 2 – 1 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.2811	0.2554	0.3452	0.3902	0.2262	0.2320	0.3470	0.3698
Ac-224	3.2015	3.1552	3.5702	3.6795	2.9575	3.0342	3.5867	3.6438
Ac-225	0.3875	0.3507	0.4766	0.5404	0.3084	0.3144	0.4755	0.5092
Ac-226	1.4404	1.4287	1.5976	1.6238	1.3364	1.3746	1.6015	1.6098
Ac-227	0.0693	0.0545	0.0970	0.1220	0.0432	0.0438	0.0974	0.1104
Ac-228	2.2275	2.2343	2.4618	2.4773	2.0659	2.1613	2.4845	2.4742
Ac-230	0.9513	0.9511	1.0605	1.0664	0.8736	0.9196	1.0722	1.0665
Ac-231	3.2442	3.2674	3.5351	3.5119	3.0787	3.1836	3.5592	3.5336
Ac-232	1.5614	1.5765	1.7270	1.7080	1.4536	1.5370	1.7494	1.7197
Ac-233	1.4594	1.5010	1.5818	1.5140	1.4025	1.4782	1.5948	1.5666
Ag-100m	2.7994	2.9152	2.9833	2.8046	2.7391	2.8979	3.0154	2.8972
Ag-101	2.3115	2.3717	2.4766	2.3870	2.2340	2.3315	2.4926	2.4396
Ag-102m	1.7338	1.7969	1.8578	1.7568	1.6844	1.7902	1.8917	1.8152
Ag-102	4.1824	4.3428	4.4635	4.2224	4.0764	4.3105	4.5138	4.3551
Ag-103	2.5364	2.5582	2.7463	2.7266	2.4140	2.4889	2.7416	2.7375
Ag-104	5.1259	5.2837	5.4877	5.2893	4.9510	5.2070	5.5236	5.3809
Ag-104m	2.0645	2.1257	2.2221	2.1220	1.9904	2.0942	2.2347	2.1785
Ag-105	2.6586	2.6694	2.8960	2.8831	2.5050	2.5844	2.8827	2.8688
Ag-105m	0.0268	0.0210	0.0379	0.0480	0.0171	0.0176	0.0389	0.0437
Ag-106	0.4876	0.4800	0.5422	0.5562	0.4436	0.4556	0.5332	0.5421
Ag-106m	6.2214	6.4085	6.6653	6.4078	6.0099	6.3151	6.7150	6.5419
Ag-108	0.0528	0.0531	0.0579	0.0570	0.0495	0.0512	0.0571	0.0569
Ag-108m	4.6850	4.8037	5.0473	4.8623	4.5069	4.7068	5.0429	4.9448
Ag-109m	0.3261	0.3047	0.3768	0.4168	0.2793	0.2774	0.3662	0.3856
Ag-110	0.0718	0.0745	0.0770	0.0723	0.0700	0.0734	0.0768	0.0747
Ag-110m	4.9189	5.1272	5.2230	4.9366	4.8191	5.0895	5.2793	5.0880
Ag-111	0.1314	0.1352	0.1399	0.1335	0.1282	0.1336	0.1412	0.1373
Ag-111m	0.1793	0.1649	0.2114	0.2375	0.1494	0.1485	0.2059	0.2187
Ag-112	1.1163	1.1633	1.1922	1.1111	1.0936	1.1546	1.2016	1.1567
Ag-113m	0.9443	0.9644	1.0167	0.9844	0.9094	0.9471	1.0223	1.0033
Ag-113	0.2933	0.3024	0.3123	0.2977	0.2862	0.2987	0.3150	0.3067
Ag-114	0.4619	0.4813	0.4927	0.4606	0.4522	0.4780	0.4976	0.4804
Ag-115	1.0468	1.0820	1.1139	1.0608	1.0229	1.0722	1.1287	1.0931
Ag-116	2.6930	2.8089	2.8639	2.6848	2.6390	2.8045	2.9162	2.7975
Ag-117	2.0648	2.1333	2.2010	2.0950	2.0184	2.1227	2.2338	2.1602
Ag-99	2.9090	3.0065	3.0943	2.9594	2.8342	2.9780	3.1341	3.0364
Al-26	1.4980	1.5681	1.5937	1.4784	1.4726	1.5856	1.6450	1.5387
Al-28	1.4600	1.5283	1.5534	1.4398	1.4356	1.5460	1.6030	1.4983
Al-29	1.5337	1.6029	1.6190	1.5202	1.5070	1.6051	1.6615	1.5830
Am-237	3.3388	3.2930	3.7211	3.8214	3.0711	3.1630	3.7360	3.7771
Am-238	3.2565	3.2407	3.6115	3.6765	3.0133	3.1269	3.6377	3.6476
Am-239	3.8091	3.6893	4.3228	4.5566	3.4186	3.5010	4.3325	4.4396

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-240	3.4727	3.4316	3.8837	4.0039	3.1673	3.2872	3.9146	3.9460
Am-241	1.1923	1.2146	1.2124	1.1731	1.1796	1.2367	1.1784	1.1165
Am-242	0.5040	0.4627	0.6038	0.6754	0.4128	0.4180	0.5974	0.6348
Am-242m	0.2870	0.2428	0.3720	0.4458	0.2026	0.2025	0.3646	0.4046
Am-243	1.2479	1.2255	1.3888	1.4461	1.1660	1.1873	1.3914	1.4219
Am-244	2.9632	2.8878	3.3624	3.5216	2.6404	2.7310	3.3465	3.4176
Am-244m	0.1727	0.1539	0.2133	0.2452	0.1333	0.1346	0.2096	0.2267
Am-245	0.4157	0.4071	0.4656	0.4831	0.3793	0.3888	0.4662	0.4765
Am-246	4.1364	4.0170	4.7039	4.9238	3.6835	3.7868	4.6701	4.7864
Am-246m	1.9309	1.9592	2.1047	2.0917	1.8185	1.9104	2.1312	2.1012
Am-247	1.5439	1.5251	1.7133	1.7561	1.4278	1.4664	1.7172	1.7429
Ar-37	0.0265	0.0191	0.0399	0.0526	0.0146	0.0151	0.0411	0.0472
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.5101	1.5778	1.5943	1.4973	1.4835	1.5792	1.6350	1.5585
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.8266	1.9087	1.9345	1.8212	1.7935	1.9082	1.9804	1.8881
Ar-44	2.8813	2.9872	3.0659	2.8990	2.8247	2.9811	3.1229	2.9797
As-68	3.5921	3.7506	3.8118	3.5896	3.5229	3.7391	3.8889	3.7187
As-69	0.5685	0.5714	0.6250	0.6247	0.5366	0.5593	0.6340	0.6294
As-70	4.7140	4.9085	5.0175	4.7489	4.6065	4.8856	5.1221	4.9118
As-71	2.1458	2.0925	2.4462	2.5464	1.9435	2.0098	2.4706	2.5015
As-72	1.5508	1.5971	1.6658	1.6268	1.4934	1.5795	1.6891	1.6461
As-73	1.0796	0.8169	1.5664	2.0222	0.6523	0.6701	1.6107	1.8302
As-74	1.3037	1.3053	1.4665	1.4591	1.2062	1.2646	1.4738	1.4760
As-76	0.9221	0.9601	0.9844	0.9205	0.9020	0.9509	0.9909	0.9605
As-77	0.0490	0.0502	0.0525	0.0507	0.0476	0.0494	0.0529	0.0520
As-78	2.0963	2.1851	2.2321	2.0911	2.0541	2.1709	2.2562	2.1712
As-79	0.0932	0.0967	0.0990	0.0940	0.0912	0.0959	0.1003	0.0969
At-204	6.4656	6.6165	7.0020	6.7873	6.2131	6.5035	7.0479	6.9354
At-205	3.3187	3.3315	3.6590	3.6731	3.1255	3.2490	3.6858	3.6849
At-206	6.6896	6.8440	7.2296	7.0278	6.4351	6.7346	7.2951	7.1645
At-207	5.1525	5.2165	5.6309	5.5830	4.8960	5.1142	5.6865	5.6338
At-208	8.0354	8.1883	8.7301	8.5461	7.6919	8.0322	8.7923	8.6649
At-209	7.2778	7.3712	7.9369	7.8918	6.9169	7.2171	7.9971	7.9435
At-210	6.2036	6.2908	6.7625	6.6748	5.8988	6.1809	6.8723	6.7676
At-211	0.7772	0.7452	0.8950	0.9593	0.6951	0.7095	0.8997	0.9346
At-215	0.0007	0.0008	0.0008	0.0008	0.0007	0.0007	0.0008	0.0008
At-216	0.0411	0.0401	0.0463	0.0485	0.0378	0.0387	0.0467	0.0479
At-217	0.0017	0.0017	0.0019	0.0019	0.0016	0.0017	0.0019	0.0019
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.4181	2.4715	2.5967	2.5152	2.3351	2.4265	2.6187	2.5730
Au-186	3.8375	3.8867	4.1720	4.1304	3.6724	3.8171	4.2177	4.1621

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Au-187	3.0008	2.9665	3.3688	3.4641	2.7787	2.8918	3.4219	3.4369
Au-190	4.4675	4.5357	4.8618	4.7788	4.2796	4.4810	4.9421	4.8505
Au-191	3.7545	3.7213	4.1910	4.2847	3.5016	3.6235	4.2370	4.2634
Au-192	4.1536	4.2056	4.5353	4.4803	3.9664	4.1518	4.6093	4.5319
Au-193	2.3944	2.3291	2.7176	2.8641	2.1964	2.2552	2.7512	2.8066
Au-193m	1.7605	1.7153	2.0033	2.0912	1.5914	1.6449	2.0269	2.0686
Au-194	3.3437	3.3593	3.6774	3.6808	3.1687	3.3008	3.7301	3.6983
Au-195	1.9878	1.8721	2.3407	2.5708	1.7423	1.7841	2.3753	2.4723
Au-195m	1.7775	1.7317	2.0229	2.1118	1.6065	1.6607	2.0462	2.0884
Au-196	3.0915	3.0945	3.4048	3.4222	2.9237	3.0314	3.4451	3.4292
Au-196m	3.8166	3.6567	4.4202	4.7266	3.3953	3.4863	4.4592	4.6008
Au-198	1.4773	1.5238	1.5770	1.4995	1.4391	1.5086	1.5980	1.5434
Au-198m	6.1630	6.1278	6.8139	6.9415	5.7917	5.9640	6.8878	6.8956
Au-199	1.2530	1.2432	1.3921	1.4139	1.1735	1.2065	1.3969	1.3991
Au-200	0.5635	0.5831	0.5996	0.5698	0.5501	0.5793	0.6100	0.5879
Au-200m	7.5048	7.7030	8.0599	7.7702	7.2669	7.5906	8.1237	7.9552
Au-201	0.1699	0.1641	0.1972	0.2078	0.1505	0.1566	0.1991	0.2044
Au-202	0.3542	0.3677	0.3767	0.3572	0.3461	0.3653	0.3832	0.3695
Ba-124	1.8381	1.8365	2.0000	2.0333	1.7459	1.7903	2.0131	2.0158
Ba-126	2.3283	2.3478	2.5171	2.5201	2.2258	2.2957	2.5386	2.5263
Ba-127	1.0120	1.0024	1.1072	1.1420	0.9562	0.9750	1.1138	1.1250
Ba-128	0.9234	0.8948	1.0247	1.0943	0.8528	0.8591	1.0276	1.0582
Ba-129	1.0753	1.0553	1.1849	1.2402	1.0043	1.0195	1.1903	1.2148
Ba-129m	4.7213	4.8056	5.0893	5.0044	4.5417	4.7243	5.1421	5.0569
Ba-131	2.9317	2.9485	3.1765	3.1881	2.8015	2.8817	3.1949	3.2084
Ba-131m	1.4208	1.4020	1.5608	1.6203	1.3423	1.3684	1.5771	1.5993
Ba-133	3.1946	3.1890	3.4756	3.5278	3.0418	3.1148	3.4979	3.5086
Ba-133m	0.8740	0.8341	0.9952	1.0788	0.7852	0.7968	1.0032	1.0414
Ba-135m	0.7584	0.7378	0.8399	0.8903	0.7040	0.7128	0.8448	0.8669
Ba-137m	1.4324	1.4843	1.5354	1.4488	1.3969	1.4630	1.5344	1.4949
Ba-139	0.4773	0.4849	0.5128	0.5013	0.4635	0.4766	0.5130	0.5026
Ba-140	0.8644	0.8515	0.9745	1.0017	0.7912	0.8210	0.9822	0.9943
Ba-141	3.0781	3.1708	3.2790	3.1407	3.0037	3.1339	3.3112	3.2196
Ba-142	2.6166	2.6941	2.7877	2.6952	2.5492	2.6663	2.8308	2.7580
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1531	0.1591	0.1632	0.1535	0.1496	0.1578	0.1650	0.1601
Bi-197	3.7779	3.8042	4.1540	4.1700	3.5647	3.7256	4.2145	4.1869
Bi-200	7.5390	7.6837	8.1682	7.9997	7.2303	7.5566	8.2836	8.1480
Bi-201	3.8458	3.8787	4.2206	4.2241	3.6389	3.8072	4.2855	4.2453
Bi-202	6.9974	7.1501	7.5750	7.3952	6.7237	7.0388	7.6728	7.5280
Bi-203	4.7427	4.8090	5.1764	5.1364	4.5151	4.7370	5.2563	5.1777
Bi-204	7.0497	7.1916	7.6355	7.5038	6.7583	7.0817	7.7522	7.6087
Bi-205	3.5915	3.6173	3.9592	3.9561	3.3875	3.5474	4.0162	3.9800

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Bi-206	8.1628	8.3278	8.8419	8.6901	7.8266	8.2054	8.9486	8.8005
Bi-207	4.1283	4.1841	4.5219	4.4686	3.9224	4.1006	4.5769	4.5340
Bi-208	2.2820	2.2911	2.5327	2.5376	2.1368	2.2641	2.6009	2.5584
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5982	1.6271	1.7227	1.6793	1.5400	1.5986	1.7383	1.7145
Bi-211	0.2479	0.2523	0.2678	0.2608	0.2386	0.2484	0.2705	0.2655
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2665	0.2558	0.3120	0.3331	0.2314	0.2427	0.3152	0.3240
Bi-213	0.4846	0.4966	0.5220	0.5036	0.4677	0.4897	0.5279	0.5163
Bi-214	2.0285	2.1140	2.1612	2.0264	1.9866	2.1063	2.1961	2.1040
Bi-215	1.1766	1.1923	1.2772	1.2586	1.1252	1.1691	1.2888	1.2768
Bi-216	2.2276	2.3067	2.3857	2.2525	2.1692	2.2802	2.4035	2.3384
Bk-245	3.3035	3.2403	3.6905	3.8248	3.0281	3.1018	3.6956	3.7756
Bk-246	3.3028	3.2493	3.6986	3.8412	3.0016	3.1066	3.7030	3.7643
Bk-247	1.7370	1.7393	1.8949	1.9090	1.6514	1.6959	1.9065	1.9122
Bk-248m	0.6858	0.6576	0.7865	0.8383	0.6043	0.6170	0.7827	0.8125
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.6427	1.6777	1.7814	1.7544	1.5581	1.6396	1.8146	1.7760
Bk-251	1.6508	1.5940	1.8761	1.9841	1.4761	1.5047	1.8687	1.9387
Br-72	2.9265	3.0392	3.1139	2.9755	2.8522	3.0234	3.1737	3.0555
Br-73	1.6971	1.7251	1.8389	1.8150	1.6331	1.7000	1.8591	1.8352
Br-74	3.2849	3.4125	3.5151	3.3091	3.2051	3.4024	3.5862	3.4387
Br-74m	4.1026	4.2624	4.3911	4.1351	4.0006	4.2327	4.4457	4.2831
Br-75	2.2095	2.2428	2.3988	2.3482	2.1084	2.1962	2.4206	2.3921
Br-76	2.9776	3.0495	3.2476	3.1354	2.8387	3.0088	3.2989	3.2170
Br-76m	1.2545	1.1215	1.5560	1.7906	0.9967	1.0135	1.5480	1.6784
Br-77	1.6667	1.5990	1.9477	2.0678	1.4492	1.5084	1.9642	2.0279
Br-77m	0.5775	0.5087	0.7333	0.8513	0.4370	0.4473	0.7332	0.7974
Br-78	0.2454	0.2459	0.2758	0.2737	0.2266	0.2372	0.2760	0.2766
Br-80	0.1551	0.1537	0.1764	0.1781	0.1408	0.1473	0.1766	0.1785
Br-80m	1.0072	0.8639	1.3022	1.5511	0.7375	0.7487	1.2928	1.4284
Br-82m	0.3704	0.2947	0.5174	0.6436	0.2286	0.2328	0.5137	0.5848
Br-82	4.9995	5.2085	5.3097	5.0183	4.8961	5.1700	5.3621	5.1788
Br-83	0.0192	0.0200	0.0206	0.0193	0.0187	0.0198	0.0207	0.0202
Br-84m	4.5317	4.7188	4.8047	4.5399	4.4411	4.7066	4.8975	4.6855
Br-84	1.6539	1.7293	1.7495	1.6512	1.6250	1.7335	1.7949	1.7077
Br-85	0.1109	0.1156	0.1171	0.1119	0.1087	0.1151	0.1191	0.1145
C-10	1.5214	1.5839	1.6164	1.5320	1.4894	1.5685	1.6222	1.5722
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0473	0.0341	0.0712	0.0939	0.0261	0.0269	0.0735	0.0844
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.3305	1.3894	1.4056	1.3226	1.3063	1.3892	1.4384	1.3743

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ca-49	1.4021	1.4717	1.4829	1.3785	1.3850	1.4979	1.5519	1.4487
Cd-101	3.0664	3.1402	3.2918	3.1977	2.9638	3.1051	3.3370	3.2344
Cd-102	2.4588	2.4911	2.6670	2.6316	2.3339	2.4239	2.6699	2.6454
Cd-103	2.3776	2.4212	2.5743	2.5202	2.2630	2.3758	2.5990	2.5345
Cd-104	1.9170	1.8891	2.1166	2.1881	1.7778	1.8060	2.0911	2.1249
Cd-105	1.6351	1.6567	1.7773	1.7537	1.5462	1.6164	1.7867	1.7523
Cd-107	0.9123	0.8499	1.0542	1.1700	0.7762	0.7679	1.0186	1.0752
Cd-109	0.8428	0.7828	0.9767	1.0875	0.7138	0.7052	0.9428	0.9977
Cd-111m	2.3697	2.4029	2.5499	2.5068	2.2754	2.3417	2.5548	2.5302
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0008	0.0008	0.0009	0.0009	0.0007	0.0007	0.0009	0.0009
Cd-115	0.5975	0.6184	0.6395	0.6061	0.5809	0.6105	0.6437	0.6288
Cd-115m	0.0514	0.0537	0.0543	0.0515	0.0504	0.0534	0.0555	0.0532
Cd-117	2.0983	2.1730	2.2301	2.1199	2.0507	2.1592	2.2675	2.1848
Cd-117m	2.4300	2.5378	2.5764	2.4214	2.3849	2.5372	2.6367	2.5130
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5258	2.6203	2.6847	2.5401	2.4726	2.6122	2.7352	2.6262
Cd-119m	2.8650	2.9884	3.0384	2.8627	2.8102	2.9852	3.1081	2.9652
Ce-130	2.9111	2.9173	3.1578	3.1929	2.7840	2.8582	3.1755	3.1973
Ce-131	3.3669	3.4196	3.6413	3.5858	3.2333	3.3649	3.6779	3.6217
Ce-132	2.8290	2.8409	3.0634	3.0742	2.7125	2.7798	3.0741	3.0587
Ce-133	2.2648	2.2314	2.4840	2.5895	2.1458	2.1834	2.5022	2.5324
Ce-133m	4.6417	4.7232	5.0014	4.9234	4.4798	4.6665	5.0555	4.9861
Ce-134	0.7273	0.6916	0.8190	0.9000	0.6636	0.6659	0.8207	0.8562
Ce-135	3.4349	3.4851	3.7063	3.6580	3.3040	3.4248	3.7299	3.6956
Ce-137	0.8350	0.7791	0.9670	1.0834	0.7366	0.7414	0.9725	1.0248
Ce-137m	0.7481	0.7263	0.8332	0.8865	0.6944	0.7059	0.8359	0.8576
Ce-139	2.2011	2.1921	2.4017	2.4395	2.0968	2.1409	2.4035	2.4032
Ce-141	1.0260	1.0368	1.1062	1.0954	0.9940	1.0195	1.1052	1.1044
Ce-143	1.7828	1.7895	1.9363	1.9477	1.7083	1.7616	1.9455	1.9417
Ce-144	0.3049	0.3051	0.3308	0.3348	0.2932	0.2997	0.3309	0.3368
Ce-145	2.8418	2.8744	3.0763	3.0711	2.7312	2.8354	3.0939	3.0674
Cf-244	0.1026	0.0877	0.1312	0.1560	0.0738	0.0735	0.1280	0.1415
Cf-246	0.0707	0.0605	0.0902	0.1072	0.0509	0.0507	0.0880	0.0972
Cf-247	2.1586	2.0350	2.5170	2.7396	1.8550	1.8856	2.5016	2.6305
Cf-248	0.0849	0.0727	0.1083	0.1284	0.0613	0.0611	0.1056	0.1166
Cf-249	1.6507	1.6594	1.8083	1.7941	1.5511	1.6122	1.8192	1.8017
Cf-250	0.0807	0.0720	0.0996	0.1142	0.0623	0.0630	0.0978	0.1056
Cf-251	1.9196	1.8680	2.1647	2.2648	1.7361	1.7751	2.1611	2.2156
Cf-252	0.8105	0.8289	0.8757	0.8503	0.7769	0.8159	0.8862	0.8657
Cf-253	0.2284	0.1959	0.2910	0.3462	0.1667	0.1659	0.2856	0.3144
Cf-254	27.4456	28.4648	29.1867	27.6845	26.8690	28.3115	29.6514	28.5842
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.7293	1.7927	1.8395	1.7423	1.6975	1.7927	1.8770	1.8021
Cl-36	0.0004	0.0003	0.0006	0.0007	0.0002	0.0002	0.0006	0.0007
Cl-38	1.0749	1.1258	1.1425	1.0590	1.0576	1.1397	1.1808	1.1038
Cl-39	2.2377	2.3262	2.3704	2.2369	2.1941	2.3199	2.4209	2.3211
Cl-40	2.8442	2.9763	3.0160	2.8094	2.7993	3.0048	3.1148	2.9319
Cm-238	1.5627	1.5209	1.7599	1.8459	1.4179	1.4496	1.7623	1.8064
Cm-239	3.5300	3.5078	3.8904	3.9553	3.3002	3.3855	3.8979	3.9230
Cm-240	0.1154	0.0980	0.1490	0.1778	0.0814	0.0812	0.1454	0.1614
Cm-241	3.6785	3.5928	4.1598	4.3244	3.3166	3.4205	4.1650	4.2531
Cm-242	0.1036	0.0879	0.1337	0.1596	0.0730	0.0728	0.1305	0.1449
Cm-243	1.8744	1.8068	2.1418	2.2690	1.6662	1.7078	2.1466	2.2068
Cm-244	0.0889	0.0755	0.1148	0.1370	0.0626	0.0625	0.1120	0.1244
Cm-245	2.0061	1.9413	2.2774	2.4040	1.8002	1.8408	2.2794	2.3381
Cm-246	0.0768	0.0663	0.0978	0.1152	0.0557	0.0559	0.0957	0.1053
Cm-247	1.2547	1.2916	1.3396	1.2778	1.2205	1.2769	1.3567	1.3117
Cm-248	2.2059	2.2753	2.3610	2.2606	2.1413	2.2536	2.3951	2.3212
Cm-249	0.1407	0.1203	0.1856	0.2208	0.1031	0.1071	0.1895	0.2066
Cm-250	21.6591	22.4611	23.0364	21.8541	21.2010	22.3396	23.4041	22.5626
Cm-251	0.4683	0.4717	0.5141	0.5102	0.4403	0.4580	0.5159	0.5156
Co-54m	4.4621	4.6482	4.7286	4.4519	4.3754	4.6375	4.8352	4.6170
Co-55	2.0292	2.1031	2.1671	2.0795	1.9707	2.0877	2.2132	2.1365
Co-56	3.9666	4.0957	4.2576	4.1140	3.8302	4.0748	4.3614	4.2078
Co-57	2.0903	2.0170	2.3951	2.5418	1.8794	1.9281	2.4138	2.5279
Co-58	1.6983	1.7180	1.8623	1.8803	1.5952	1.6849	1.8872	1.8698
Co-58m	0.1897	0.1370	0.2853	0.3764	0.1049	0.1081	0.2945	0.3381
Co-60	3.0599	3.1981	3.2316	3.0385	3.0059	3.1981	3.3160	3.1610
Co-60m	0.2371	0.1795	0.3442	0.4444	0.1435	0.1478	0.3547	0.4023
Co-61	1.2109	1.2182	1.3121	1.3270	1.1800	1.2097	1.3288	1.3206
Co-62	1.7653	1.8465	1.8644	1.7531	1.7348	1.8474	1.9169	1.8251
Co-62m	3.1438	3.2878	3.3212	3.1238	3.0887	3.2879	3.4121	3.2494
Cr-48	3.3941	3.4437	3.6614	3.6017	3.2760	3.3911	3.6982	3.6692
Cr-49	1.5861	1.6094	1.7022	1.6823	1.5516	1.5934	1.7167	1.6905
Cr-51	0.2685	0.2435	0.3330	0.3763	0.2167	0.2254	0.3396	0.3596
Cr-55	0.0007	0.0007	0.0007	0.0006	0.0006	0.0007	0.0007	0.0007
Cr-56	1.8346	1.8152	2.0199	2.0904	1.7375	1.7643	2.0292	2.0585
Cs-121	1.1831	1.2072	1.2689	1.2369	1.1466	1.1872	1.2766	1.2533
Cs-121m	2.2241	2.2688	2.3838	2.3281	2.1535	2.2282	2.4002	2.3563
Cs-123	1.6221	1.6391	1.7525	1.7468	1.5588	1.6070	1.7653	1.7495
Cs-124	0.6161	0.6327	0.6587	0.6345	0.5981	0.6255	0.6667	0.6482
Cs-125	1.3245	1.3349	1.4376	1.4380	1.2630	1.3039	1.4456	1.4419
Cs-126	1.0123	1.0373	1.0842	1.0491	0.9801	1.0234	1.0975	1.0683
Cs-127	2.1082	2.1198	2.2858	2.2909	2.0096	2.0687	2.3002	2.2934

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cs-128	0.6945	0.7024	0.7519	0.7464	0.6634	0.6875	0.7582	0.7508
Cs-129	1.8825	1.8669	2.0601	2.1156	1.7711	1.8088	2.0684	2.0817
Cs-130m	1.5545	1.5092	1.7290	1.8410	1.4462	1.4584	1.7360	1.7898
Cs-130	0.4438	0.4289	0.4947	0.5314	0.4068	0.4090	0.4944	0.5102
Cs-131	0.6369	0.6037	0.7178	0.7940	0.5739	0.5692	0.7155	0.7496
Cs-132	2.1955	2.2261	2.3825	2.3526	2.0996	2.1715	2.3804	2.3645
Cs-134	3.3794	3.5177	3.5937	3.3994	3.3071	3.4842	3.6107	3.5010
Cs-134m	0.5947	0.5580	0.6923	0.7661	0.5209	0.5267	0.6970	0.7386
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.0229	3.1472	3.1896	3.0736	2.9593	3.1278	3.2243	3.1193
Cs-136	4.5712	4.7385	4.8452	4.6487	4.4715	4.7021	4.9194	4.7582
Cs-137	1.6975	1.7626	1.7875	1.6742	1.6631	1.7481	1.8923	1.6956
Cs-138m	1.3169	1.3243	1.4315	1.4358	1.2538	1.2973	1.4466	1.4361
Cs-138	2.9524	3.0796	3.1331	2.9426	2.8964	3.0806	3.2069	3.0571
Cs-139	0.3040	0.3177	0.3223	0.3015	0.2987	0.3186	0.3303	0.3139
Cs-140	2.0134	2.1021	2.1429	2.0005	1.9755	2.0989	2.1813	2.0843
Cu-57	0.1573	0.1644	0.1662	0.1573	0.1544	0.1639	0.1706	0.1631
Cu-59	0.7602	0.7898	0.8071	0.7665	0.7430	0.7860	0.8219	0.7908
Cu-60	3.0056	3.1352	3.1915	3.0042	2.9443	3.1450	3.2772	3.1132
Cu-61	0.6726	0.6637	0.7612	0.7803	0.6150	0.6422	0.7715	0.7776
Cu-62	0.0147	0.0136	0.0181	0.0203	0.0120	0.0127	0.0186	0.0195
Cu-64	0.1206	0.0894	0.1782	0.2323	0.0697	0.0721	0.1840	0.2097
Cu-66	0.1489	0.1558	0.1573	0.1489	0.1462	0.1550	0.1616	0.1545
Cu-67	1.3172	1.3308	1.4268	1.4155	1.2671	1.3050	1.4389	1.4193
Cu-69	0.8914	0.9308	0.9437	0.8937	0.8742	0.9254	0.9621	0.9241
Dy-148	2.4422	2.4699	2.6694	2.6306	2.3430	2.4307	2.6694	2.6579
Dy-149	3.8286	3.8742	4.1538	4.1370	3.6834	3.8404	4.2029	4.1514
Dy-150	1.5480	1.5563	1.6862	1.6835	1.4825	1.5361	1.7014	1.6864
Dy-151	3.6330	3.6744	3.9588	3.9310	3.4744	3.6272	4.0034	3.9581
Dy-152	2.4984	2.5075	2.7164	2.7243	2.3926	2.4661	2.7361	2.7377
Dy-153	4.4127	4.4078	4.8309	4.9001	4.2110	4.3462	4.8675	4.8795
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.1608	3.1834	3.4322	3.4347	3.0338	3.1366	3.4611	3.4446
Dy-157	2.5453	2.5527	2.7748	2.7812	2.4358	2.5167	2.7905	2.7851
Dy-159	1.1513	1.1071	1.3007	1.3985	1.0670	1.0850	1.3034	1.3500
Dy-165m	0.2989	0.2700	0.3682	0.4212	0.2457	0.2522	0.3743	0.3995
Dy-165	0.2312	0.2294	0.2544	0.2607	0.2200	0.2258	0.2564	0.2585
Dy-166	0.9525	0.9143	1.0842	1.1652	0.8737	0.8890	1.0926	1.1328
Dy-167	2.3226	2.3715	2.5030	2.4295	2.2467	2.3374	2.5200	2.4859
Dy-168	2.1584	2.1819	2.3473	2.3224	2.0701	2.1448	2.3627	2.3461
Er-154	1.2783	1.2091	1.4720	1.6152	1.1477	1.1587	1.4759	1.5456
Er-156	1.6488	1.5307	1.9472	2.1765	1.4375	1.4605	1.9652	2.0760
Er-159	3.0265	3.0560	3.3024	3.2741	2.9001	3.0096	3.3229	3.3031

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Er-161	3.1587	3.1782	3.4440	3.4743	3.0142	3.1325	3.4792	3.4692
Er-163	0.9945	0.9557	1.1251	1.2085	0.9199	0.9339	1.1306	1.1733
Er-165	0.9595	0.9208	1.0874	1.1699	0.8857	0.8991	1.0929	1.1351
Er-167m	1.0419	1.0386	1.1448	1.1617	0.9845	1.0121	1.1551	1.1585
Er-169	0.0055	0.0040	0.0083	0.0109	0.0031	0.0032	0.0085	0.0098
Er-171	2.7980	2.8222	3.0357	3.0138	2.6870	2.7768	3.0616	3.0530
Er-172	2.4083	2.4264	2.6323	2.6141	2.3043	2.3867	2.6512	2.6401
Er-173	4.3674	4.4260	4.7121	4.6812	4.2116	4.3527	4.7564	4.7241
Es-249	2.9198	2.8934	3.2330	3.3007	2.7059	2.7857	3.2377	3.2816
Es-250	7.8218	7.5969	8.8564	9.3143	7.0027	7.1896	8.8283	9.0792
Es-250m	2.5239	2.4954	2.8055	2.8829	2.3245	2.3958	2.8136	2.8593
Es-251	2.0209	1.9262	2.3292	2.5032	1.7678	1.7984	2.3165	2.4239
Es-253	0.0287	0.0247	0.0366	0.0433	0.0210	0.0210	0.0359	0.0395
Es-254	0.9952	0.8390	1.2958	1.5599	0.7026	0.7035	1.2784	1.4168
Es-254m	1.4311	1.4313	1.5903	1.5937	1.3232	1.3743	1.5811	1.5866
Es-255	0.0011	0.0012	0.0012	0.0011	0.0011	0.0012	0.0012	0.0012
Es-256	0.1391	0.1212	0.1740	0.2048	0.1044	0.1035	0.1700	0.1860
Eu-142	0.3672	0.3781	0.3932	0.3815	0.3569	0.3772	0.3987	0.3862
Eu-142m	5.1813	5.3653	5.5413	5.3122	5.0344	5.3124	5.6157	5.4530
Eu-143	0.6423	0.6504	0.6979	0.6942	0.6177	0.6481	0.7084	0.6948
Eu-144	0.2864	0.2905	0.3116	0.3082	0.2755	0.2907	0.3167	0.3085
Eu-145	2.6479	2.6939	2.8650	2.8382	2.5516	2.6754	2.8966	2.8444
Eu-146	4.9592	5.1019	5.3292	5.1426	4.8154	5.0559	5.3600	5.2307
Eu-147	2.6090	2.6136	2.8464	2.8846	2.4966	2.5778	2.8568	2.8642
Eu-148	5.7488	5.9161	6.1890	5.9316	5.5815	5.8533	6.2213	6.0810
Eu-149	1.0609	1.0158	1.2112	1.3087	0.9671	0.9910	1.2121	1.2514
Eu-150	5.3318	5.4607	5.7328	5.5470	5.1684	5.4049	5.7765	5.6531
Eu-150m	0.2141	0.2149	0.2335	0.2346	0.2048	0.2124	0.2348	0.2333
Eu-152	3.3481	3.4063	3.6104	3.5638	3.2342	3.3747	3.6497	3.6018
Eu-152m	0.8942	0.9063	0.9673	0.9673	0.8607	0.8972	0.9764	0.9684
Eu-152n	1.5096	1.4730	1.6968	1.7851	1.4020	1.4367	1.7181	1.7466
Eu-154	2.9586	3.0392	3.1654	3.0753	2.8771	3.0100	3.2055	3.1527
Eu-154m	1.5821	1.5136	1.8165	1.9641	1.4321	1.4649	1.8402	1.8933
Eu-155	1.1399	1.1360	1.2446	1.2715	1.0947	1.1213	1.2568	1.2612
Eu-156	1.7825	1.8404	1.9067	1.8348	1.7344	1.8326	1.9441	1.8790
Eu-157	1.9779	1.9612	2.1902	2.2429	1.8669	1.9278	2.2076	2.2190
Eu-158	2.3493	2.4169	2.5203	2.4535	2.2764	2.3968	2.5676	2.4997
Eu-159	2.2174	2.1999	2.4399	2.5083	2.1114	2.1687	2.4510	2.4732
F-17	0.0005	0.0005	0.0006	0.0005	0.0005	0.0005	0.0006	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.8610	1.8824	2.0196	1.9856	1.7885	1.8431	2.0241	1.9892
Fe-53	0.6604	0.6806	0.7046	0.6702	0.6434	0.6739	0.7139	0.6892
Fe-53m	4.4039	4.5986	4.6664	4.3970	4.3210	4.5793	4.7541	4.5558

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fe-55	0.1572	0.1134	0.2365	0.3121	0.0868	0.0895	0.2441	0.2803
Fe-59	1.6206	1.6927	1.7117	1.6152	1.5914	1.6883	1.7550	1.6778
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.1730	2.2632	2.3006	2.1764	2.1317	2.2540	2.3521	2.2575
Fe-62	1.4653	1.5251	1.5624	1.4666	1.4317	1.5129	1.5777	1.5353
Fm-251	1.9625	1.8997	2.2279	2.3518	1.7627	1.8016	2.2259	2.3078
Fm-252	0.0736	0.0638	0.0927	0.1092	0.0544	0.0541	0.0904	0.0992
Fm-253	1.5291	1.4269	1.8006	1.9823	1.2909	1.3073	1.7842	1.8896
Fm-254	0.0854	0.0759	0.1054	0.1215	0.0658	0.0661	0.1033	0.1117
Fm-255	0.8064	0.6900	1.0321	1.2286	0.5825	0.5810	1.0126	1.1169
Fm-256	20.4160	21.1711	21.7137	20.6029	19.9819	21.0519	22.0551	21.2676
Fm-257	2.0593	1.9856	2.3441	2.4825	1.8340	1.8706	2.3341	2.4169
Fr-212	3.5612	3.5576	3.9363	3.9806	3.3241	3.4539	3.9796	3.9846
Fr-219	0.0182	0.0185	0.0197	0.0192	0.0175	0.0182	0.0199	0.0196
Fr-220	0.2376	0.2197	0.2857	0.3178	0.1982	0.2023	0.2862	0.3034
Fr-221	0.2783	0.2804	0.3027	0.3016	0.2648	0.2729	0.3049	0.3034
Fr-222	1.6887	1.6650	1.8861	1.9397	1.5476	1.5916	1.8930	1.9168
Fr-223	1.0852	1.0320	1.2515	1.3518	0.9601	0.9751	1.2488	1.3070
Fr-224	1.8775	1.8961	2.0464	2.0341	1.7785	1.8485	2.0635	2.0512
Fr-227	2.8528	2.8579	3.1353	3.1520	2.6965	2.7858	3.1578	3.1517
Ga-64	2.1966	2.2957	2.3270	2.1955	2.1558	2.3008	2.3952	2.2765
Ga-65	1.7726	1.7579	1.9674	2.0170	1.6619	1.7150	1.9898	2.0154
Ga-66	1.5755	1.5996	1.7353	1.7170	1.4838	1.5845	1.7937	1.7456
Ga-67	1.9053	1.8084	2.2339	2.4168	1.6687	1.7222	2.2726	2.3430
Ga-68	0.0945	0.0863	0.1170	0.1322	0.0763	0.0803	0.1205	0.1266
Ga-70	0.0171	0.0173	0.0188	0.0188	0.0161	0.0169	0.0192	0.0189
Ga-72	3.3636	3.5105	3.5628	3.3724	3.2992	3.5051	3.6271	3.4725
Ga-73	2.2639	2.1723	2.6330	2.7979	1.9953	2.0740	2.6722	2.7450
Ga-74	3.6873	3.8491	3.9265	3.6625	3.6171	3.8420	3.9928	3.8188
Gd-142	1.5278	1.5507	1.6535	1.6303	1.4731	1.5347	1.6668	1.6424
Gd-143m	4.0894	4.1705	4.4032	4.3119	3.9556	4.1289	4.4464	4.3704
Gd-144	0.9761	0.9779	1.0694	1.0797	0.9315	0.9701	1.0794	1.0730
Gd-145m	1.6431	1.6666	1.7974	1.7809	1.5590	1.6338	1.8074	1.7895
Gd-145	2.3546	2.4137	2.5391	2.4659	2.2819	2.4191	2.5950	2.5031
Gd-146	4.3388	4.3064	4.7576	4.8792	4.1433	4.2447	4.7655	4.8226
Gd-147	4.8842	4.9813	5.2539	5.1518	4.7253	4.9242	5.3030	5.2092
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.4613	3.4821	3.7636	3.7652	3.3238	3.4354	3.7743	3.7602
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.2998	1.2473	1.4815	1.5926	1.1868	1.2140	1.4839	1.5309
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.2049	2.1668	2.4381	2.5478	2.0900	2.1396	2.4508	2.4790
Gd-159	0.4382	0.4355	0.4813	0.4907	0.4169	0.4292	0.4842	0.4867

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Gd-162	1.5612	1.5988	1.6829	1.6221	1.5056	1.5786	1.7046	1.6602
Ge-66	2.5937	2.5251	2.9584	3.0952	2.3499	2.4383	2.9965	3.0479
Ge-67	1.9878	2.0323	2.1350	2.0676	1.9302	2.0027	2.1464	2.0892
Ge-68	0.3863	0.2791	0.5807	0.7659	0.2137	0.2203	0.5993	0.6880
Ge-69	1.4252	1.3907	1.6433	1.7215	1.2687	1.3388	1.6813	1.7021
Ge-71	0.3918	0.2831	0.5890	0.7769	0.2167	0.2234	0.6078	0.6978
Ge-75	0.2171	0.2232	0.2309	0.2214	0.2118	0.2199	0.2332	0.2280
Ge-77	3.7371	3.8560	3.9776	3.7987	3.6474	3.8076	4.0192	3.9075
Ge-78	1.6269	1.6739	1.7295	1.6529	1.5881	1.6518	1.7461	1.7055
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.8221	1.8233	1.9966	2.0076	1.7349	1.7914	2.0146	2.0134
Hf-169	2.6022	2.6118	2.8588	2.8693	2.4742	2.5695	2.8898	2.8926
Hf-170	3.5360	3.4890	3.9473	4.0619	3.3078	3.4041	3.9803	4.0308
Hf-172	2.5333	2.3980	2.9428	3.2156	2.2586	2.2990	2.9729	3.1049
Hf-173	4.3430	4.3408	4.7502	4.8033	4.1474	4.2598	4.7836	4.8460
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.7232	2.7096	3.0039	3.0508	2.5765	2.6589	3.0362	3.0441
Hf-177m	16.0230	16.1887	17.4030	17.2257	15.3581	15.8940	17.5669	17.4157
Hf-178m	11.5636	11.7492	12.5325	12.2885	11.1112	11.5540	12.6627	12.4895
Hf-179m	6.4704	6.4878	7.0980	7.1173	6.1446	6.3572	7.1689	7.1575
Hf-180m	5.8864	5.9604	6.3875	6.3037	5.6486	5.8627	6.4582	6.3788
Hf-181	2.8474	2.8818	3.1020	3.0648	2.7248	2.8326	3.1294	3.1256
Hf-182	1.6978	1.7273	1.8276	1.7855	1.6398	1.6991	1.8454	1.8201
Hf-182m	4.9272	4.9513	5.3966	5.4090	4.6872	4.8597	5.4580	5.4342
Hf-183	2.5512	2.6035	2.7459	2.7088	2.4712	2.5772	2.7740	2.7320
Hf-184	2.7203	2.5903	3.1744	3.4171	2.4001	2.4730	3.2118	3.3297
Hg-190	3.3043	3.2250	3.7357	3.9067	3.0394	3.1164	3.7630	3.8528
Hg-191m	5.6811	5.7038	6.2583	6.2684	5.3637	5.5810	6.3368	6.3096
Hg-192	3.2664	3.1855	3.7007	3.8741	2.9908	3.0770	3.7414	3.8151
Hg-193	3.3485	3.3056	3.7562	3.8763	3.0986	3.2137	3.8082	3.8371
Hg-193m	3.3151	3.3282	3.6564	3.6693	3.1291	3.2617	3.7066	3.6847
Hg-194	0.2262	0.1689	0.3320	0.4300	0.1298	0.1331	0.3383	0.3875
Hg-195	1.9619	1.8663	2.2905	2.4838	1.7330	1.7811	2.3190	2.4041
Hg-195m	2.1160	1.9741	2.5328	2.7929	1.7964	1.8513	2.5652	2.6904
Hg-197	1.7611	1.6581	2.0744	2.2773	1.5415	1.5761	2.0999	2.1950
Hg-197m	1.7009	1.6131	1.9913	2.1583	1.4914	1.5293	2.0090	2.1039
Hg-199m	2.3605	2.3081	2.6691	2.7742	2.1681	2.2285	2.6865	2.7243
Hg-203	1.5640	1.5922	1.6845	1.6430	1.5079	1.5646	1.7006	1.6775
Hg-205	0.0530	0.0535	0.0575	0.0572	0.0507	0.0522	0.0579	0.0575
Hg-206	0.7316	0.7414	0.7939	0.7799	0.7012	0.7279	0.8003	0.7918
Hg-207	4.1997	4.3381	4.4977	4.2975	4.0839	4.3172	4.5950	4.4196
Ho-150	2.2722	2.3520	2.4185	2.3335	2.2153	2.3316	2.4373	2.3733
Ho-153	2.6692	2.7059	2.8854	2.8476	2.5740	2.6710	2.9096	2.8805

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-153m	3.0884	3.1168	3.3535	3.3350	2.9676	3.0709	3.3790	3.3566
Ho-154m	6.6803	6.8705	7.1504	6.8658	6.4954	6.8025	7.2263	7.0452
Ho-154	3.4843	3.5796	3.7327	3.5927	3.3867	3.5462	3.7747	3.6785
Ho-155	2.4882	2.4721	2.7421	2.7997	2.3548	2.4270	2.7636	2.7837
Ho-156	4.8141	4.9056	5.1840	5.0770	4.6584	4.8508	5.2392	5.1685
Ho-157	3.7536	3.7342	4.1247	4.2035	3.5659	3.6705	4.1514	4.1798
Ho-159	4.1940	4.1690	4.5994	4.6987	3.9960	4.0970	4.6219	4.6882
Ho-160	4.8434	4.9232	5.2451	5.1934	4.6596	4.8582	5.2966	5.2347
Ho-161	1.4603	1.3906	1.6716	1.8190	1.3225	1.3392	1.6753	1.7444
Ho-162	1.3471	1.3003	1.5222	1.6254	1.2463	1.2714	1.5315	1.5808
Ho-162m	2.7674	2.7267	3.0847	3.1935	2.5836	2.6649	3.1170	3.1539
Ho-163	0.0063	0.0046	0.0095	0.0125	0.0035	0.0036	0.0098	0.0112
Ho-164	0.7412	0.7104	0.8425	0.9082	0.6816	0.6931	0.8469	0.8789
Ho-164m	1.3401	1.2380	1.5935	1.7897	1.1618	1.1814	1.6099	1.7049
Ho-166	0.2993	0.2839	0.3477	0.3784	0.2675	0.2734	0.3522	0.3671
Ho-166m	5.5848	5.7102	6.0063	5.8671	5.3990	5.6281	6.0506	5.9437
Ho-167	2.0514	2.0861	2.2123	2.1605	1.9802	2.0570	2.2330	2.1976
Ho-168	2.1116	2.1608	2.2743	2.2365	2.0347	2.1335	2.2957	2.2559
Ho-168m	0.2507	0.2189	0.3179	0.3753	0.1977	0.2015	0.3232	0.3511
Ho-170	4.8673	4.9666	5.2431	5.1575	4.6960	4.9012	5.3181	5.2297
I-118m	6.3563	6.6040	6.7887	6.3877	6.2103	6.5276	6.8301	6.6201
I-118	2.1689	2.2537	2.3186	2.1775	2.1184	2.2295	2.3335	2.2599
I-119	2.0736	2.1082	2.2269	2.1863	1.9962	2.0607	2.2416	2.2158
I-120	2.5960	2.6903	2.7786	2.6304	2.5281	2.6719	2.8181	2.7182
I-120m	5.4564	5.6668	5.8371	5.4864	5.3254	5.6057	5.8784	5.6956
I-121	2.3383	2.3566	2.5255	2.5278	2.2332	2.2865	2.5333	2.5201
I-122	0.4816	0.4890	0.5228	0.5152	0.4595	0.4764	0.5232	0.5188
I-123	2.2313	2.2294	2.4316	2.4548	2.1204	2.1580	2.4201	2.4115
I-124	1.9499	1.9879	2.1127	2.0621	1.8683	1.9439	2.1184	2.0846
I-125	1.1885	1.1270	1.3443	1.4873	1.0607	1.0472	1.3294	1.3917
I-126	1.4687	1.4949	1.5861	1.5542	1.4086	1.4605	1.5905	1.5660
I-128	0.2526	0.2581	0.2718	0.2642	0.2431	0.2534	0.2740	0.2687
I-129	0.6790	0.6466	0.7619	0.8377	0.6170	0.6138	0.7589	0.7921
I-130m	0.4304	0.4264	0.4797	0.4914	0.3982	0.4113	0.4819	0.4873
I-130	5.0291	5.2315	5.3575	5.0470	4.9194	5.1793	5.3875	5.2231
I-131	1.6410	1.7001	1.7270	1.6122	1.6085	1.6791	1.7613	1.6653
I-132	4.5102	4.6965	4.7943	4.5315	4.4159	4.6552	4.8278	4.6699
I-132m	1.2532	1.2549	1.3805	1.3912	1.1757	1.2161	1.3815	1.3818
I-133	1.5592	1.6228	1.6625	1.5613	1.5243	1.6083	1.6767	1.6287
I-134m	2.1536	2.1598	2.3332	2.3512	2.0506	2.1009	2.3425	2.3440
I-134	4.6590	4.8539	4.9326	4.6961	4.5647	4.8240	5.0059	4.8250
I-135	2.0389	2.1281	2.1593	2.0315	2.0011	2.1269	2.2106	2.1084
In-103	3.3669	3.4831	3.5822	3.4246	3.2865	3.4504	3.6277	3.5039

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-105	2.9582	3.0367	3.1656	3.0615	2.8697	2.9905	3.1861	3.1340
In-106	5.4724	5.6915	5.8269	5.5195	5.3460	5.6305	5.8873	5.6936
In-106m	2.4900	2.5908	2.6638	2.4920	2.4337	2.5728	2.6912	2.5856
In-107	2.6792	2.7364	2.8802	2.8097	2.5750	2.6829	2.9029	2.8378
In-108	7.1238	7.3711	7.6025	7.2657	6.9258	7.2783	7.6847	7.4480
In-108m	2.5676	2.6515	2.7611	2.6232	2.4867	2.6218	2.7892	2.6941
In-109	2.7450	2.7748	2.9688	2.9478	2.6145	2.6914	2.9694	2.9398
In-109m	1.4535	1.5092	1.5588	1.4604	1.4184	1.4859	1.5551	1.5124
In-110	6.4920	6.7080	6.9450	6.6725	6.2905	6.6015	6.9899	6.8032
In-110m	1.9175	1.9741	2.0670	1.9750	1.8509	1.9356	2.0644	2.0170
In-111	3.8098	3.8490	4.1136	4.0688	3.6433	3.7388	4.1081	4.0664
In-111m	1.3572	1.4058	1.4548	1.3753	1.3189	1.3865	1.4616	1.4274
In-112	0.2858	0.2769	0.3220	0.3403	0.2556	0.2576	0.3147	0.3236
In-112m	0.6586	0.6380	0.7383	0.7844	0.5955	0.5956	0.7243	0.7425
In-113m	1.1547	1.1754	1.2440	1.2135	1.1073	1.1493	1.2519	1.2232
In-114	0.0059	0.0059	0.0065	0.0067	0.0054	0.0056	0.0065	0.0065
In-114m	0.6611	0.6534	0.7301	0.7532	0.6116	0.6211	0.7237	0.7309
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9847	0.9918	1.0692	1.0636	0.9331	0.9607	1.0683	1.0596
In-116m	3.2872	3.4292	3.4780	3.2782	3.2258	3.4247	3.5604	3.4008
In-117	3.1168	3.2075	3.3397	3.1843	3.0389	3.1608	3.3423	3.2559
In-117m	0.7510	0.7574	0.8141	0.8067	0.7165	0.7356	0.8112	0.8026
In-118m	4.1744	4.3579	4.4187	4.1664	4.0956	4.3366	4.5070	4.3232
In-118	0.1022	0.1068	0.1080	0.1017	0.1004	0.1066	0.1105	0.1058
In-119	1.6673	1.7162	1.7844	1.7434	1.6082	1.6898	1.7917	1.7530
In-119m	0.1816	0.1803	0.2012	0.2064	0.1674	0.1728	0.2020	0.2025
In-121	1.6950	1.7679	1.7920	1.7081	1.6616	1.7553	1.8256	1.7575
In-121m	0.5855	0.5751	0.6468	0.6807	0.5462	0.5501	0.6442	0.6537
Ir-180	4.0813	4.1205	4.4625	4.4419	3.8854	4.0408	4.5082	4.4884
Ir-182	3.9147	3.9333	4.2945	4.3100	3.7122	3.8536	4.3472	4.3448
Ir-183	3.9281	3.8907	4.3932	4.5085	3.6590	3.8032	4.4643	4.4717
Ir-184	5.8843	5.9316	6.4468	6.4363	5.5897	5.8262	6.5433	6.4906
Ir-185	3.5543	3.4377	4.0843	4.3294	3.2084	3.3242	4.1551	4.2304
Ir-186	5.6905	5.7335	6.2379	6.2207	5.4089	5.6319	6.3154	6.2700
Ir-186m	3.2967	3.3187	3.6246	3.6346	3.1251	3.2601	3.6723	3.6481
Ir-187	2.4101	2.3286	2.7688	2.9467	2.1794	2.2495	2.8130	2.8731
Ir-188	4.0740	4.1054	4.4852	4.4699	3.8656	4.0492	4.5617	4.4920
Ir-189	1.6275	1.5306	1.9207	2.1135	1.4249	1.4612	1.9531	2.0300
Ir-190	6.3440	6.4356	6.9167	6.7992	6.0684	6.3204	6.9810	6.8879
Ir-190m	0.2175	0.1582	0.3254	0.4277	0.1212	0.1248	0.3350	0.3844
Ir-190n	1.3226	1.2548	1.5429	1.6830	1.1773	1.2057	1.5672	1.6214
Ir-191m	1.6394	1.5394	1.9395	2.1332	1.4248	1.4603	1.9651	2.0638
Ir-192	3.6642	3.7636	3.9262	3.7623	3.5584	3.7164	3.9601	3.8688

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-192m	0.2488	0.1841	0.3679	0.4790	0.1413	0.1451	0.3763	0.4313
Ir-192n	0.5264	0.3921	0.7741	1.0046	0.3028	0.3111	0.7915	0.9056
Ir-193m	0.2213	0.1629	0.3283	0.4292	0.1260	0.1297	0.3377	0.3864
Ir-194	0.3366	0.3463	0.3596	0.3437	0.3276	0.3424	0.3632	0.3535
Ir-194m	7.7553	7.9982	8.3169	7.9157	7.5363	7.8993	8.3781	8.1680
Ir-195	1.3053	1.2357	1.5277	1.6675	1.1519	1.1800	1.5499	1.6080
Ir-195m	2.3205	2.3091	2.5780	2.6168	2.1713	2.2506	2.6066	2.6112
Ir-196	0.6757	0.6973	0.7204	0.6899	0.6583	0.6909	0.7286	0.7067
Ir-196m	8.2560	8.4849	8.8885	8.5161	7.9863	8.3712	8.9717	8.7498
K-38	1.4309	1.5002	1.5186	1.4078	1.4087	1.5200	1.5734	1.4709
K-40	0.1625	0.1687	0.1739	0.1640	0.1582	0.1694	0.1787	0.1695
K-42	0.2755	0.2879	0.2930	0.2724	0.2707	0.2904	0.3012	0.2830
K-43	2.9956	3.1039	3.1978	3.0058	2.9286	3.0677	3.2170	3.1138
K-44	2.2701	2.3746	2.4022	2.2531	2.2315	2.3813	2.4708	2.3452
K-45	2.8377	2.9384	3.0203	2.8614	2.7820	2.9294	3.0706	2.9365
K-46	2.2398	2.3433	2.3691	2.2145	2.2034	2.3584	2.4425	2.3118
Kr-74	2.4107	2.4050	2.6581	2.6894	2.2665	2.3374	2.6777	2.6906
Kr-75	2.2018	2.2206	2.3944	2.3770	2.1048	2.1688	2.3975	2.4152
Kr-76	2.7256	2.6680	3.0921	3.1944	2.4586	2.5498	3.1048	3.1622
Kr-77	2.3570	2.3785	2.5560	2.5356	2.2614	2.3237	2.5565	2.5937
Kr-79	1.1183	1.0516	1.3351	1.4470	0.9358	0.9700	1.3372	1.4004
Kr-81	0.4443	0.3527	0.6218	0.7743	0.2728	0.2777	0.6173	0.7033
Kr-81m	1.3703	1.3758	1.4997	1.4977	1.2908	1.3291	1.5021	1.4954
Kr-83m	0.1948	0.1527	0.2753	0.3458	0.1179	0.1201	0.2747	0.3134
Kr-85	0.0064	0.0066	0.0068	0.0064	0.0062	0.0066	0.0069	0.0067
Kr-85m	1.6168	1.6441	1.7417	1.6959	1.5645	1.6124	1.7399	1.7173
Kr-87	1.2145	1.2611	1.2899	1.2168	1.1894	1.2574	1.3149	1.2570
Kr-88	2.1565	2.2306	2.3050	2.1976	2.0955	2.2213	2.3540	2.2562
Kr-89	2.6344	2.7403	2.7995	2.6424	2.5801	2.7302	2.8504	2.7348
La-128	4.8673	5.0371	5.1856	4.9303	4.7506	4.9894	5.2514	5.0943
La-129	1.9681	1.9912	2.1204	2.1028	1.8947	1.9565	2.1388	2.1227
La-130	3.4822	3.5958	3.7156	3.5482	3.3927	3.5633	3.7648	3.6499
La-131	2.4991	2.5151	2.7032	2.7067	2.3955	2.4677	2.7267	2.7142
La-132	3.0604	3.1484	3.2813	3.1575	2.9681	3.1188	3.3270	3.2399
La-132m	2.7480	2.7849	2.9702	2.9380	2.6428	2.7353	2.9889	2.9811
La-133	0.9309	0.8845	1.0609	1.1599	0.8352	0.8440	1.0676	1.1128
La-134	0.3725	0.3637	0.4124	0.4347	0.3467	0.3522	0.4142	0.4236
La-135	0.7321	0.6969	0.8211	0.9017	0.6680	0.6680	0.8239	0.8603
La-136	0.5050	0.4835	0.5642	0.6155	0.4629	0.4647	0.5665	0.5888
La-137	0.6807	0.6451	0.7659	0.8465	0.6186	0.6171	0.7684	0.8049
La-138	1.8709	1.9160	2.0076	1.9640	1.8068	1.9031	2.0427	1.9862
La-140	3.2244	3.3574	3.4294	3.2261	3.1593	3.3604	3.4973	3.3364
La-141	0.0288	0.0301	0.0305	0.0285	0.0283	0.0302	0.0313	0.0297

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-142	2.2817	2.3838	2.4266	2.2643	2.2408	2.3866	2.4782	2.3581
La-143	0.3293	0.3437	0.3498	0.3279	0.3231	0.3431	0.3563	0.3404
Lu-165	3.8274	3.8267	4.1987	4.2438	3.6444	3.7640	4.2418	4.2558
Lu-167	4.1827	4.1934	4.5941	4.6224	3.9674	4.1262	4.6600	4.6333
Lu-169m	0.1585	0.1145	0.2384	0.3146	0.0877	0.0904	0.2461	0.2825
Lu-169	3.9173	3.9260	4.2997	4.3413	3.7235	3.8661	4.3630	4.3459
Lu-170	3.8299	3.8740	4.1822	4.1581	3.6590	3.8413	4.2732	4.2016
Lu-171m	0.1731	0.1268	0.2575	0.3376	0.0984	0.1014	0.2656	0.3039
Lu-171	3.4246	3.3305	3.8835	4.0981	3.1328	3.2271	3.9151	4.0095
Lu-172	5.3999	5.4503	5.8970	5.9011	5.1471	5.3663	5.9882	5.9350
Lu-172m	0.1426	0.1029	0.2144	0.2828	0.0788	0.0812	0.2213	0.2540
Lu-173	2.8798	2.8088	3.2265	3.3893	2.6887	2.7448	3.2574	3.3333
Lu-174	1.3840	1.3217	1.5896	1.7185	1.2559	1.2808	1.6087	1.6694
Lu-174m	1.5460	1.4240	1.8553	2.0882	1.3251	1.3520	1.8835	1.9904
Lu-176	3.7874	3.8156	4.1263	4.1061	3.6127	3.7362	4.1675	4.1351
Lu-176m	0.3546	0.3301	0.4221	0.4694	0.3068	0.3139	0.4295	0.4501
Lu-177	0.4132	0.4129	0.4530	0.4586	0.3922	0.4034	0.4578	0.4590
Lu-177m	8.2650	8.3208	8.9974	8.9737	7.9098	8.1652	9.0843	9.0359
Lu-178	0.3720	0.3649	0.4201	0.4374	0.3421	0.3558	0.4286	0.4318
Lu-178m	6.8962	6.9856	7.4679	7.3691	6.6353	6.8760	7.5526	7.4517
Lu-179	0.2434	0.2486	0.2602	0.2537	0.2364	0.2441	0.2624	0.2580
Lu-180	3.4517	3.5310	3.7200	3.6216	3.3292	3.4919	3.7889	3.6936
Lu-181	2.6483	2.6343	2.9483	2.9980	2.4738	2.5672	2.9767	2.9907
Mg-27	1.5614	1.6295	1.6474	1.5762	1.5311	1.6202	1.6763	1.6136
Mg-28	2.6004	2.6704	2.7705	2.6930	2.5257	2.6421	2.8164	2.7367
Mn-50m	5.1208	5.3448	5.4167	5.1261	5.0240	5.3315	5.5209	5.2872
Mn-51	0.0117	0.0110	0.0141	0.0154	0.0099	0.0104	0.0144	0.0149
Mn-52	4.6738	4.8495	4.9872	4.7698	4.5465	4.8234	5.0824	4.8923
Mn-52m	1.5044	1.5713	1.5964	1.4916	1.4772	1.5797	1.6397	1.5500
Mn-53	0.1280	0.0924	0.1926	0.2541	0.0707	0.0729	0.1988	0.2282
Mn-54	1.6633	1.6927	1.8113	1.8109	1.5750	1.6642	1.8382	1.8113
Mn-56	2.1556	2.2509	2.2783	2.1657	2.1151	2.2501	2.3233	2.2207
Mn-57	0.6897	0.6438	0.8259	0.9085	0.5807	0.5990	0.8323	0.8802
Mn-58m	3.4195	3.5666	3.6148	3.4303	3.3535	3.5603	3.6803	3.5288
Mo-101	2.6943	2.7807	2.8894	2.7663	2.6121	2.7527	2.9322	2.8406
Mo-102	0.1749	0.1787	0.1868	0.1813	0.1702	0.1754	0.1874	0.1844
Mo-89	0.3369	0.3489	0.3600	0.3437	0.3264	0.3450	0.3647	0.3525
Mo-90	3.8223	3.8265	4.1764	4.1875	3.5774	3.6797	4.1677	4.2055
Mo-91m	1.4567	1.5127	1.5580	1.4666	1.4185	1.4988	1.5741	1.5163
Mo-91	0.0473	0.0442	0.0556	0.0606	0.0386	0.0393	0.0543	0.0569
Mo-93	0.5182	0.4606	0.6326	0.7257	0.3885	0.3828	0.6054	0.6603
Mo-93m	4.1346	4.2709	4.4253	4.2096	4.0106	4.2247	4.4709	4.3245
Mo-99	0.5025	0.5148	0.5381	0.5239	0.4858	0.5057	0.5384	0.5292

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.9730	1.0203	1.0277	0.9517	0.9645	1.0531	1.1045	1.0100
Na-22	1.5246	1.5929	1.6086	1.5121	1.4977	1.5933	1.6494	1.5741
Na-24	2.9027	3.0390	3.0720	2.8641	2.8580	3.0691	3.1765	2.9915
Nb-87	2.6042	2.6163	2.8326	2.8299	2.4550	2.5178	2.8284	2.8306
Nb-88m	5.5397	5.7669	5.8826	5.5599	5.4204	5.7274	5.9896	5.7557
Nb-88	6.8359	7.0589	7.3152	7.0151	6.6143	6.9546	7.4177	7.2093
Nb-89	0.6062	0.6130	0.6655	0.6568	0.5637	0.5960	0.6745	0.6600
Nb-89m	1.4256	1.4672	1.5372	1.4731	1.3674	1.4394	1.5454	1.5184
Nb-90	4.7631	4.8864	5.1262	4.9562	4.5752	4.8187	5.2076	5.0693
Nb-91	0.5209	0.4591	0.6451	0.7454	0.3805	0.3752	0.6187	0.6788
Nb-91m	0.4802	0.4324	0.5805	0.6583	0.3687	0.3661	0.5586	0.6039
Nb-92	3.5572	3.6286	3.8675	3.7812	3.3588	3.5209	3.8849	3.8307
Nb-92m	2.1146	2.1242	2.3280	2.3491	1.9436	2.0304	2.3387	2.3299
Nb-93m	0.1013	0.0886	0.1262	0.1471	0.0742	0.0734	0.1218	0.1336
Nb-94m	0.3623	0.3227	0.4419	0.5062	0.2729	0.2695	0.4238	0.4614
Nb-94	3.0343	3.1622	3.2150	3.0590	2.9722	3.1362	3.2446	3.1361
Nb-95	1.5207	1.5833	1.6075	1.5414	1.4889	1.5719	1.6182	1.5674
Nb-95m	0.8004	0.7743	0.9052	0.9493	0.7028	0.7146	0.8916	0.9178
Nb-96	4.8400	5.0404	5.1286	4.8713	4.7395	5.0047	5.1911	5.0144
Nb-97	1.5218	1.5838	1.6276	1.5209	1.4891	1.5630	1.6265	1.5780
Nb-98m	4.7521	4.9486	5.0342	4.7889	4.6542	4.9228	5.0941	4.9070
Nb-99	2.6293	2.6381	2.8536	2.8578	2.5043	2.5633	2.8477	2.8677
Nb-99m	1.0295	1.0623	1.1008	1.0527	0.9996	1.0545	1.1195	1.0800
Nd-134	2.8247	2.8455	3.0576	3.0495	2.7193	2.7981	3.0669	3.0409
Nd-135	3.2325	3.2627	3.5044	3.4909	3.1011	3.2087	3.5276	3.4998
Nd-136	2.2992	2.2691	2.5339	2.6284	2.1737	2.2271	2.5428	2.5754
Nd-137	2.7942	2.8204	3.0300	3.0322	2.6826	2.7843	3.0526	3.0306
Nd-138	0.8491	0.8182	0.9508	1.0243	0.7866	0.7982	0.9507	0.9800
Nd-139	0.9326	0.9212	1.0275	1.0653	0.8796	0.9043	1.0323	1.0421
Nd-139m	4.4338	4.5151	4.7703	4.7220	4.2836	4.4625	4.8142	4.7514
Nd-140	0.7462	0.7134	0.8407	0.9166	0.6866	0.6948	0.8399	0.8709
Nd-141	0.7740	0.7431	0.8693	0.9425	0.7148	0.7247	0.8692	0.8984
Nd-141m	1.4569	1.5115	1.5461	1.4885	1.4228	1.4991	1.5548	1.5110
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.2149	1.2142	1.3259	1.3475	1.1652	1.1998	1.3333	1.3340
Nd-149	2.4333	2.4759	2.6146	2.5638	2.3590	2.4405	2.6313	2.5984
Nd-151	2.8791	2.9521	3.0754	2.9879	2.8072	2.9220	3.1062	3.0529
Nd-152	1.0574	1.0676	1.1494	1.1361	1.0057	1.0421	1.1576	1.1503
Ne-19	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Ne-24	1.5907	1.6529	1.6934	1.5960	1.5547	1.6398	1.7133	1.6607
Ni-56	5.3927	5.5028	5.8315	5.7063	5.1802	5.4175	5.8768	5.7590
Ni-57	1.9220	1.9608	2.0942	2.0437	1.8333	1.9452	2.1449	2.0914

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ni-59	0.2219	0.1602	0.3339	0.4406	0.1226	0.1264	0.3447	0.3957
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6888	0.7190	0.7302	0.6848	0.6762	0.7203	0.7488	0.7110
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.9156	4.9088	5.4239	5.4972	4.5725	4.7494	5.4582	5.4572
Np-233	1.6619	1.6150	1.8786	1.9753	1.5038	1.5403	1.8873	1.9236
Np-234	2.7935	2.7622	3.1279	3.2020	2.5576	2.6653	3.1582	3.1608
Np-235	0.3952	0.3279	0.5250	0.6372	0.2665	0.2676	0.5171	0.5787
Np-236	3.2585	3.0734	3.8127	4.1370	2.7891	2.8433	3.7921	3.9502
Np-236m	0.9081	0.8745	1.0375	1.1028	0.8085	0.8270	1.0398	1.0673
Np-237	1.0248	0.9295	1.2460	1.4132	0.8219	0.8297	1.2339	1.3239
Np-238	1.2783	1.2694	1.4307	1.4654	1.1603	1.2140	1.4461	1.4504
Np-239	2.5390	2.4720	2.8664	3.0002	2.2977	2.3569	2.8769	2.9358
Np-240	3.8777	3.8368	4.3408	4.4384	3.5363	3.6698	4.3497	4.3875
Np-240m	1.0401	1.0233	1.1782	1.2072	0.9338	0.9715	1.1745	1.1926
Np-241	0.6355	0.6174	0.7184	0.7543	0.5736	0.5872	0.7193	0.7356
Np-242	0.4104	0.4181	0.4469	0.4387	0.3882	0.4099	0.4520	0.4424
Np-242m	3.2403	3.1794	3.6513	3.7963	2.9140	3.0220	3.6492	3.7036
O-14	1.4087	1.4772	1.4938	1.3849	1.3880	1.4984	1.5494	1.4488
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.6200	2.7028	2.7805	2.6640	2.5643	2.6732	2.8168	2.7263
Os-180	1.8047	1.6956	2.1282	2.3407	1.5758	1.6150	2.1559	2.2442
Os-181	4.8920	4.8934	5.3968	5.4751	4.6162	4.7987	5.4792	5.4647
Os-182	3.1693	3.1223	3.5623	3.6766	2.9347	3.0361	3.6052	3.6434
Os-183	4.5232	4.4802	5.0333	5.1618	4.2411	4.3826	5.1033	5.1200
Os-183m	2.6545	2.6556	2.9380	2.9875	2.4970	2.6064	2.9999	2.9839
Os-185	2.6321	2.6318	2.9259	2.9504	2.4761	2.5718	2.9494	2.9496
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.2083	0.1512	0.3121	0.4107	0.1158	0.1193	0.3216	0.3691
Os-190m	6.2499	6.3602	6.8110	6.6351	5.9715	6.2377	6.8643	6.7624
Os-191	1.7684	1.6712	2.0766	2.2681	1.5530	1.5916	2.1032	2.2011
Os-191m	0.3340	0.2745	0.4529	0.5582	0.2337	0.2399	0.4641	0.5133
Os-193	0.5816	0.5665	0.6621	0.6939	0.5301	0.5473	0.6702	0.6838
Os-194	0.2406	0.1913	0.3349	0.4211	0.1584	0.1624	0.3413	0.3834
Os-196	0.6176	0.6164	0.6816	0.6899	0.5836	0.6028	0.6888	0.6918
P-30	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0012	0.0011
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5911	0.5494	0.7038	0.7793	0.4962	0.5054	0.7031	0.7414
Pa-228	4.9813	4.9277	5.5753	5.7186	4.5568	4.7343	5.6155	5.6560
Pa-229	1.4163	1.3569	1.6292	1.7439	1.2524	1.2802	1.6343	1.6859
Pa-230	2.8223	2.7795	3.1719	3.2793	2.5674	2.6613	3.1945	3.2301
Pa-231	0.8801	0.7713	1.1155	1.3011	0.6589	0.6681	1.1076	1.2074

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pa-232	2.6312	2.6358	2.9122	2.9368	2.4342	2.5430	2.9325	2.9282
Pa-233	2.0965	2.0409	2.3770	2.4786	1.8832	1.9394	2.3814	2.4278
Pa-234	5.0798	5.0619	5.6352	5.7232	4.6934	4.8779	5.6623	5.6849
Pa-234m	0.0414	0.0415	0.0458	0.0463	0.0384	0.0402	0.0463	0.0461
Pa-235	0.0751	0.0543	0.1128	0.1487	0.0415	0.0428	0.1164	0.1336
Pa-236	1.8596	1.8677	2.0634	2.0530	1.7254	1.8076	2.0726	2.0588
Pa-237	1.3497	1.3873	1.4549	1.4163	1.2967	1.3679	1.4728	1.4413
Pb-194	4.0520	4.0544	4.4766	4.5164	3.8162	3.9619	4.5272	4.5231
Pb-195m	5.7205	5.7396	6.3143	6.3331	5.3719	5.5996	6.3843	6.3522
Pb-196	3.5954	3.5707	3.9950	4.0761	3.3630	3.4739	4.0340	4.0680
Pb-197	3.8789	3.9167	4.2444	4.2275	3.6856	3.8503	4.3080	4.2570
Pb-197m	4.9847	4.9889	5.5071	5.5462	4.6790	4.8636	5.5665	5.5543
Pb-198	3.4766	3.4470	3.8670	3.9495	3.2476	3.3512	3.9016	3.9310
Pb-199	3.2429	3.2524	3.5731	3.5919	3.0611	3.1868	3.6214	3.6024
Pb-200	3.0245	2.9504	3.4223	3.5800	2.7733	2.8448	3.4463	3.5262
Pb-201	3.7078	3.7147	4.0832	4.1077	3.5001	3.6315	4.1259	4.1195
Pb-201m	1.3847	1.3923	1.5341	1.5227	1.3051	1.3545	1.5367	1.5375
Pb-202	0.2153	0.1593	0.3183	0.4144	0.1221	0.1255	0.3255	0.3731
Pb-202m	4.8064	4.9511	5.1584	4.9797	4.6465	4.8868	5.2274	5.0898
Pb-203	2.9549	2.9279	3.2850	3.3580	2.7607	2.8461	3.3166	3.3481
Pb-204m	4.5058	4.6716	4.7868	4.5901	4.3961	4.6314	4.8663	4.7016
Pb-205	0.2179	0.1612	0.3222	0.4195	0.1236	0.1270	0.3294	0.3777
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2905	0.2358	0.3970	0.4901	0.1920	0.1953	0.3977	0.4475
Pb-211	0.1806	0.1857	0.1935	0.1873	0.1748	0.1834	0.1958	0.1907
Pb-212	1.4583	1.4557	1.6045	1.6224	1.3749	1.4156	1.6175	1.6265
Pb-214	1.5757	1.5837	1.7270	1.7209	1.4907	1.5459	1.7416	1.7346
Pd-100	2.7363	2.6666	3.0340	3.1754	2.5240	2.5519	2.9905	3.0704
Pd-101	1.8469	1.7850	2.0756	2.1755	1.6449	1.6737	2.0263	2.0824
Pd-103	0.5568	0.5064	0.6532	0.7343	0.4556	0.4506	0.6219	0.6670
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.2220	1.2302	1.3218	1.3150	1.1635	1.1919	1.3168	1.3056
Pd-109	0.3296	0.3082	0.3806	0.4207	0.2825	0.2807	0.3700	0.3894
Pd-111	0.1088	0.1123	0.1164	0.1112	0.1058	0.1110	0.1174	0.1141
Pd-112	0.2275	0.2024	0.2756	0.3158	0.1757	0.1738	0.2639	0.2868
Pd-114	0.2226	0.2273	0.2375	0.2311	0.2166	0.2233	0.2385	0.2377
Pd-96	3.4634	3.5251	3.7271	3.6655	3.3213	3.4508	3.7267	3.7175
Pd-97	3.1020	3.1955	3.3155	3.1793	3.0048	3.1610	3.3587	3.2565
Pd-98	2.6480	2.6333	2.8969	2.9417	2.4841	2.5438	2.8764	2.9010
Pd-99	2.8268	2.8669	3.0485	2.9960	2.7100	2.8043	3.0477	3.0366
Pm-136	4.6618	4.8300	4.9592	4.7211	4.5547	4.7853	5.0067	4.8493
Pm-137m	5.0187	5.1154	5.3929	5.2784	4.8649	5.0502	5.4349	5.3467
Pm-139	0.8235	0.8317	0.8933	0.8897	0.7905	0.8224	0.9015	0.8898

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pm-140m	4.9840	5.1639	5.2976	5.0820	4.8653	5.1250	5.3787	5.2016
Pm-140	0.3333	0.3397	0.3592	0.3542	0.3216	0.3365	0.3626	0.3562
Pm-141	0.6628	0.6579	0.7288	0.7506	0.6276	0.6493	0.7343	0.7363
Pm-142	0.2471	0.2423	0.2745	0.2874	0.2319	0.2390	0.2758	0.2788
Pm-143	1.3578	1.3495	1.4914	1.5378	1.2858	1.3279	1.4930	1.5038
Pm-144	4.4792	4.5957	4.8305	4.6594	4.3383	4.5340	4.8368	4.7505
Pm-145	0.8051	0.7708	0.9098	0.9890	0.7413	0.7529	0.9092	0.9410
Pm-146	2.3765	2.4275	2.5592	2.5058	2.2957	2.4001	2.5749	2.5322
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8827	0.9207	0.9384	0.8806	0.8652	0.9181	0.9542	0.9147
Pm-148m	5.0312	5.2239	5.3756	5.0626	4.9164	5.1656	5.4058	5.2483
Pm-149	0.0612	0.0625	0.0658	0.0639	0.0591	0.0615	0.0664	0.0653
Pm-150	2.8080	2.9142	2.9798	2.8244	2.7489	2.8990	3.0278	2.9141
Pm-151	1.8993	1.9300	2.0470	2.0109	1.8372	1.9049	2.0593	2.0270
Pm-152m	4.5540	4.6733	4.8660	4.7128	4.4329	4.6254	4.9247	4.8312
Pm-152	0.8113	0.8293	0.8705	0.8537	0.7875	0.8208	0.8795	0.8707
Pm-153	1.0863	1.0811	1.1886	1.2139	1.0347	1.0590	1.1924	1.2135
Pm-154	2.4645	2.5387	2.6417	2.5546	2.3950	2.5313	2.6975	2.6073
Pm-154m	4.2377	4.3440	4.5475	4.4103	4.1163	4.3096	4.6059	4.4861
Po-203	4.3056	4.3375	4.7225	4.7391	4.0677	4.2414	4.7853	4.7575
Po-204	5.7591	5.6761	6.4711	6.6888	5.2983	5.4831	6.5341	6.6314
Po-205	4.1325	4.1702	4.5249	4.5372	3.9136	4.0850	4.5843	4.5544
Po-206	4.7639	4.7319	5.3193	5.4294	4.4066	4.5820	5.3717	5.4148
Po-207	3.7464	3.7812	4.1032	4.1074	3.5496	3.7003	4.1584	4.1314
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0381	0.0353	0.0461	0.0513	0.0319	0.0331	0.0469	0.0493
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0173	0.0180	0.0184	0.0174	0.0169	0.0178	0.0186	0.0180
Po-212m	0.0667	0.0697	0.0710	0.0662	0.0655	0.0699	0.0727	0.0692
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Po-215	0.0006	0.0006	0.0007	0.0006	0.0006	0.0006	0.0007	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.3841	6.5980	6.8080	6.4851	6.2295	6.5289	6.8787	6.6681
Pr-134m	2.8542	2.9523	3.0441	2.8944	2.7850	2.9347	3.0949	2.9798
Pr-135	1.9954	2.0015	2.1674	2.1851	1.9097	1.9669	2.1802	2.1780
Pr-136	3.1550	3.2597	3.3812	3.2233	3.0691	3.2313	3.4189	3.3267
Pr-137	0.7314	0.7127	0.8117	0.8610	0.6821	0.6955	0.8145	0.8321
Pr-138	0.2507	0.2449	0.2776	0.2939	0.2342	0.2393	0.2785	0.2840
Pr-138m	5.3799	5.5361	5.7382	5.5768	5.2281	5.4810	5.8138	5.6684
Pr-139	0.7030	0.6730	0.7892	0.8594	0.6469	0.6532	0.7899	0.8187

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pr-140	0.3743	0.3582	0.4203	0.4578	0.3444	0.3477	0.4206	0.4360
Pr-142	0.0547	0.0572	0.0583	0.0541	0.0538	0.0578	0.0600	0.0561
Pr-142m	0.0101	0.0073	0.0152	0.0200	0.0056	0.0057	0.0156	0.0180
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0348	0.0363	0.0370	0.0347	0.0341	0.0362	0.0375	0.0359
Pr-144m	0.3346	0.3111	0.3914	0.4395	0.2939	0.2979	0.3930	0.4139
Pr-145	0.0457	0.0468	0.0490	0.0479	0.0443	0.0464	0.0495	0.0485
Pr-146	1.6238	1.6903	1.7258	1.6244	1.5904	1.6858	1.7555	1.6831
Pr-147	2.4351	2.4380	2.6578	2.6881	2.3287	2.4029	2.6695	2.6748
Pr-148	2.1154	2.1915	2.2478	2.1328	2.0694	2.1760	2.2791	2.2022
Pr-148m	3.1253	3.2297	3.3282	3.1616	3.0523	3.1968	3.3577	3.2614
Pt-184	6.4180	6.2936	7.2404	7.5286	5.9213	6.1049	7.3217	7.4170
Pt-186	3.3331	3.3066	3.7260	3.8116	3.1095	3.2217	3.7617	3.7832
Pt-187	3.9687	3.8941	4.4716	4.6587	3.6653	3.7838	4.5323	4.5894
Pt-188	2.7160	2.6360	3.0943	3.2681	2.4768	2.5462	3.1346	3.1943
Pt-189	3.6118	3.5224	4.1037	4.3066	3.3083	3.4130	4.1569	4.2286
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.1803	3.0875	3.6263	3.8308	2.9044	2.9900	3.6763	3.7496
Pt-193	0.2271	0.1670	0.3371	0.4404	0.1280	0.1316	0.3456	0.3963
Pt-193m	0.4702	0.3996	0.6180	0.7437	0.3471	0.3558	0.6304	0.6901
Pt-195m	1.9572	1.7998	2.3690	2.6665	1.6486	1.6886	2.4067	2.5400
Pt-197	0.5597	0.5158	0.6764	0.7575	0.4702	0.4811	0.6842	0.7249
Pt-197m	1.3184	1.2150	1.5960	1.7874	1.1071	1.1376	1.6193	1.7071
Pt-199	0.7826	0.7967	0.8510	0.8316	0.7487	0.7821	0.8584	0.8475
Pt-200	1.0253	0.9741	1.1969	1.2971	0.9050	0.9278	1.2105	1.2586
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.2334	1.1982	1.3936	1.4661	1.1158	1.1421	1.3992	1.4276
Pu-234	1.3832	1.3366	1.5724	1.6648	1.2399	1.2684	1.5773	1.6157
Pu-235	1.8178	1.7460	2.0810	2.2196	1.6124	1.6482	2.0846	2.1458
Pu-236	0.1233	0.1037	0.1613	0.1938	0.0848	0.0849	0.1578	0.1760
Pu-237	1.2120	1.1438	1.4154	1.5402	1.0429	1.0636	1.4142	1.4736
Pu-238	0.1137	0.0955	0.1488	0.1788	0.0781	0.0781	0.1455	0.1624
Pu-239	0.0632	0.0515	0.0855	0.1053	0.0416	0.0419	0.0849	0.0954
Pu-240	0.1070	0.0899	0.1400	0.1682	0.0735	0.0735	0.1369	0.1527
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0918	0.0771	0.1201	0.1443	0.0631	0.0631	0.1174	0.1310
Pu-243	0.5146	0.4988	0.5817	0.6145	0.4677	0.4763	0.5818	0.5985
Pu-244	0.1079	0.0969	0.1334	0.1517	0.0834	0.0851	0.1317	0.1417
Pu-245	1.7214	1.7441	1.8691	1.8440	1.6393	1.7046	1.8818	1.8629
Pu-246	2.1220	2.0764	2.3738	2.4709	1.9444	1.9890	2.3730	2.4198
Ra-219	1.1325	1.1423	1.2343	1.2223	1.0780	1.1174	1.2428	1.2343
Ra-220	0.0152	0.0158	0.0163	0.0154	0.0148	0.0156	0.0165	0.0160
Ra-221	0.7017	0.6633	0.8242	0.8922	0.6045	0.6185	0.8239	0.8602

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ra-222	0.0484	0.0496	0.0519	0.0499	0.0469	0.0489	0.0523	0.0511
Ra-223	1.6819	1.6509	1.8883	1.9554	1.5482	1.5910	1.9005	1.9325
Ra-224	0.0790	0.0803	0.0851	0.0834	0.0759	0.0785	0.0859	0.0849
Ra-225	0.4303	0.3997	0.5076	0.5663	0.3692	0.3759	0.5015	0.5296
Ra-226	1.5780	1.6458	1.6459	1.5365	1.5557	1.6469	1.7380	1.5666
Ra-227	1.3705	1.2918	1.6143	1.7537	1.1639	1.1933	1.6121	1.6850
Ra-228	1.5967	1.6601	1.7051	1.5468	1.5662	1.6511	1.7340	1.5964
Ra-230	0.8282	0.8116	0.9319	0.9681	0.7583	0.7800	0.9381	0.9528
Rb-77	2.2472	2.2859	2.4281	2.3888	2.1698	2.2511	2.4493	2.4095
Rb-78m	3.7937	3.9432	4.0404	3.8106	3.7102	3.9234	4.1027	3.9451
Rb-78	2.8325	2.9445	3.0233	2.8499	2.7632	2.9425	3.0948	2.9620
Rb-79	2.7299	2.7607	2.9836	2.9376	2.5867	2.6852	2.9853	2.9708
Rb-80	0.4455	0.4620	0.4794	0.4490	0.4333	0.4545	0.4787	0.4663
Rb-81	0.9750	0.9394	1.1365	1.1956	0.8391	0.8751	1.1336	1.1714
Rb-81m	0.4578	0.4032	0.5801	0.6695	0.3353	0.3395	0.5651	0.6224
Rb-82	0.2680	0.2745	0.2895	0.2851	0.2553	0.2693	0.2910	0.2861
Rb-82m	5.3973	5.5437	5.8369	5.6513	5.1633	5.4428	5.8832	5.7599
Rb-83	1.8093	1.7785	2.0703	2.1198	1.6074	1.6833	2.0666	2.1122
Rb-84	1.3996	1.3901	1.5730	1.6165	1.2635	1.3282	1.5825	1.5959
Rb-84m	2.1897	2.2273	2.3672	2.3111	2.0897	2.1708	2.3823	2.3550
Rb-86m	1.4674	1.5257	1.5707	1.4703	1.4320	1.5078	1.5774	1.5351
Rb-86	0.1355	0.1417	0.1431	0.1353	0.1331	0.1411	0.1470	0.1405
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.6005	0.6282	0.6366	0.5969	0.5901	0.6317	0.6545	0.6184
Rb-89	2.5845	2.7027	2.7334	2.5716	2.5390	2.7005	2.8059	2.6744
Rb-90	1.3692	1.4321	1.4459	1.3675	1.3469	1.4395	1.4890	1.4157
Rb-90m	3.1548	3.2938	3.3360	3.1644	3.0954	3.2985	3.4142	3.2587
Re-178	3.4808	3.4759	3.8489	3.9055	3.2774	3.4109	3.9193	3.9036
Re-179	4.3172	4.3296	4.7523	4.7722	4.0872	4.2522	4.8191	4.7891
Re-180	3.5850	3.5712	3.9780	4.0817	3.3590	3.4981	4.0479	4.0467
Re-181	4.1645	4.1334	4.6356	4.7356	3.8984	4.0417	4.6999	4.7090
Re-182	8.3460	8.3249	9.2151	9.3579	7.8757	8.1549	9.3488	9.3379
Re-182m	4.1543	4.1253	4.6162	4.7380	3.9013	4.0472	4.6998	4.7030
Re-183	2.9146	2.7856	3.3695	3.6308	2.6196	2.6843	3.4151	3.5166
Re-184	3.2196	3.2075	3.5674	3.6622	3.0215	3.1423	3.6207	3.6287
Re-184m	2.8580	2.7795	3.2522	3.4285	2.6066	2.6907	3.3023	3.3612
Re-186	0.3516	0.3428	0.3976	0.4170	0.3239	0.3321	0.4012	0.4123
Re-186m	0.8725	0.7173	1.1803	1.4549	0.6130	0.6288	1.2081	1.3369
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4423	0.4431	0.4871	0.4875	0.4194	0.4331	0.4894	0.4864
Re-188m	1.7247	1.6110	2.0492	2.2729	1.4977	1.5353	2.0869	2.1761
Re-189	0.4959	0.4919	0.5515	0.5626	0.4623	0.4774	0.5575	0.5603
Re-190	4.6992	4.8351	5.0344	4.8298	4.5665	4.7692	5.0751	4.9458

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Re-190m	3.9005	3.9501	4.2588	4.1995	3.7228	3.8768	4.3001	4.2526
Rh-100m	0.9404	0.8773	1.0825	1.1888	0.8045	0.8038	1.0459	1.1038
Rh-100	4.0621	4.1631	4.3831	4.2297	3.8869	4.0992	4.4220	4.3055
Rh-101	3.3649	3.3681	3.6567	3.6711	3.1790	3.2524	3.6340	3.6753
Rh-101m	1.9687	1.9576	2.1620	2.1757	1.8256	1.8793	2.1426	2.1521
Rh-102	1.2690	1.2719	1.3936	1.3887	1.1791	1.2250	1.3847	1.3845
Rh-102m	5.3174	5.4586	5.7257	5.5164	5.1057	5.3513	5.7421	5.6226
Rh-103m	0.0748	0.0652	0.0927	0.1086	0.0573	0.0570	0.0901	0.0983
Rh-104	0.0342	0.0352	0.0368	0.0350	0.0330	0.0346	0.0368	0.0361
Rh-104m	1.1769	1.1274	1.3191	1.4100	1.0664	1.0706	1.2918	1.3437
Rh-105	0.4005	0.4121	0.4266	0.4066	0.3906	0.4073	0.4298	0.4185
Rh-106	0.5104	0.5314	0.5450	0.5102	0.4991	0.5262	0.5488	0.5328
Rh-106m	5.6691	5.9013	6.0218	5.6874	5.5498	5.8623	6.1006	5.8850
Rh-107	1.5441	1.5897	1.6441	1.5671	1.5064	1.5708	1.6577	1.6139
Rh-108	0.9591	0.9948	1.0229	0.9623	0.9371	0.9849	1.0322	0.9987
Rh-109	1.6983	1.7385	1.8157	1.7506	1.6478	1.7115	1.8264	1.7877
Rh-94	3.6196	3.7732	3.8374	3.6193	3.5497	3.7704	3.9168	3.7440
Rh-95	2.4831	2.5715	2.6478	2.5347	2.4090	2.5493	2.6957	2.5965
Rh-95m	1.4871	1.5406	1.5925	1.5066	1.4449	1.5232	1.6033	1.5610
Rh-96	5.9246	6.1494	6.3171	6.0016	5.7730	6.0838	6.3572	6.1565
Rh-96m	1.4530	1.4823	1.5668	1.5405	1.3833	1.4553	1.5775	1.5424
Rh-97	2.0829	2.1307	2.2404	2.1720	1.9967	2.0926	2.2572	2.2015
Rh-97m	3.3674	3.4338	3.6338	3.5385	3.2184	3.3714	3.6646	3.5732
Rh-98	1.7584	1.8237	1.8857	1.7733	1.7118	1.7984	1.8878	1.8320
Rh-99	2.7956	2.7811	3.0742	3.1028	2.5964	2.6749	3.0515	3.0638
Rh-99m	2.2762	2.2842	2.4862	2.4708	2.1314	2.2077	2.4748	2.4626
Rn-207	3.3220	3.3598	3.6255	3.5890	3.1604	3.2879	3.6530	3.6224
Rn-209	3.6728	3.7124	4.0112	3.9804	3.4900	3.6362	4.0514	4.0121
Rn-210	0.2613	0.2608	0.2899	0.2934	0.2436	0.2529	0.2921	0.2933
Rn-211	4.6232	4.7006	5.0348	4.9513	4.4061	4.6099	5.0882	5.0164
Rn-212	0.0008	0.0008	0.0008	0.0008	0.0007	0.0008	0.0008	0.0008
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0019	0.0020	0.0020	0.0019	0.0019	0.0020	0.0020	0.0020
Rn-219	0.3172	0.3239	0.3409	0.3304	0.3063	0.3186	0.3444	0.3379
Rn-220	1.6433	1.6953	1.7326	1.6179	1.6079	1.6827	1.7724	1.6556
Rn-222	0.0011	0.0012	0.0012	0.0012	0.0011	0.0012	0.0012	0.0012
Rn-223	1.6579	1.6150	1.8957	1.9775	1.4852	1.5378	1.9037	1.9451
Ru-103	1.4583	1.5161	1.5558	1.4629	1.4237	1.5029	1.5703	1.5285
Ru-105	2.1204	2.1863	2.2668	2.1717	2.0579	2.1548	2.2749	2.2229
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8822	0.9127	0.9376	0.8953	0.8617	0.9033	0.9489	0.9188

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ru-108	0.7583	0.7672	0.8186	0.8040	0.7305	0.7501	0.8155	0.8034
Ru-92	6.9096	6.9611	7.4888	7.4409	6.5546	6.7600	7.4885	7.4711
Ru-94	2.1232	2.1216	2.3294	2.3370	1.9686	2.0388	2.3202	2.3136
Ru-95	2.9597	3.0034	3.2092	3.1438	2.8035	2.9240	3.2174	3.1688
Ru-97	2.2797	2.2681	2.4983	2.5245	2.1168	2.1687	2.4816	2.4926
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.3113	1.3764	1.3868	1.2894	1.2954	1.4011	1.4519	1.3543
S-38	1.2627	1.3232	1.3419	1.2438	1.2421	1.3389	1.3876	1.2967
Sb-111	2.5205	2.5842	2.7005	2.6098	2.4486	2.5431	2.7119	2.6505
Sb-113	1.8414	1.8934	1.9774	1.9052	1.7785	1.8619	1.9923	1.9525
Sb-114	2.4752	2.5726	2.6266	2.4953	2.4178	2.5617	2.6819	2.5720
Sb-115	1.8733	1.9146	2.0245	1.9740	1.7932	1.8705	2.0326	2.0069
Sb-116	2.2161	2.2907	2.3633	2.2733	2.1494	2.2700	2.4107	2.3235
Sb-116m	6.3170	6.4967	6.7560	6.5489	6.1191	6.4018	6.8483	6.6710
Sb-117	2.1669	2.1688	2.3633	2.3786	2.0560	2.0918	2.3450	2.3308
Sb-118	0.2107	0.2057	0.2350	0.2494	0.1914	0.1928	0.2328	0.2375
Sb-118m	5.9873	6.1243	6.4188	6.2895	5.7688	6.0091	6.4986	6.3630
Sb-119	0.6880	0.6449	0.7949	0.8898	0.5931	0.5824	0.7779	0.8189
Sb-120	0.3547	0.3387	0.4023	0.4411	0.3139	0.3102	0.3948	0.4105
Sb-120m	6.6653	6.8312	7.1243	6.9654	6.4641	6.7187	7.2241	7.0520
Sb-122m	1.6088	1.5754	1.7834	1.8821	1.5065	1.5201	1.7861	1.8177
Sb-122	1.1518	1.1975	1.2323	1.1543	1.1248	1.1831	1.2368	1.2030
Sb-124	2.8265	2.9467	3.0180	2.8123	2.7695	2.9317	3.0501	2.9263
Sb-124m	1.1525	1.1905	1.2447	1.1786	1.1152	1.1725	1.2493	1.2215
Sb-124n	0.0351	0.0254	0.0528	0.0697	0.0194	0.0200	0.0546	0.0626
Sb-125	1.7579	1.7844	1.9033	1.8710	1.6829	1.7403	1.9062	1.8845
Sb-126	6.5414	6.7991	6.9673	6.5733	6.3996	6.7264	7.0022	6.7806
Sb-126m	3.9175	4.0673	4.1788	3.9381	3.8293	4.0218	4.1998	4.0660
Sb-127	1.8414	1.9090	1.9620	1.8625	1.7980	1.8879	1.9742	1.9186
Sb-128	7.2753	7.5586	7.7347	7.3335	7.1171	7.4853	7.7803	7.5452
Sb-128m	4.7333	4.9097	5.0222	4.7940	4.6286	4.8650	5.0557	4.9055
Sb-129	2.5220	2.6280	2.6720	2.5374	2.4713	2.6140	2.7122	2.6100
Sb-130m	5.4619	5.6761	5.7791	5.5424	5.3463	5.6328	5.8517	5.6542
Sb-130	7.8523	8.1370	8.3271	7.9760	7.6781	8.0655	8.4131	8.1466
Sb-131	3.1557	3.2903	3.3477	3.1613	3.0939	3.2744	3.4075	3.2698
Sb-133	3.2999	3.4460	3.4937	3.2912	3.2397	3.4456	3.5769	3.4100
Sc-42m	4.5021	4.6918	4.7765	4.4822	4.4152	4.6910	4.8826	4.6551
Sc-43	0.3513	0.3603	0.3771	0.3618	0.3400	0.3557	0.3818	0.3707
Sc-44	1.5675	1.6378	1.6560	1.5637	1.5382	1.6332	1.6996	1.6251
Sc-44m	1.4727	1.5136	1.5682	1.5034	1.4346	1.4924	1.5851	1.5500
Sc-46	3.1094	3.2490	3.2814	3.1186	3.0517	3.2342	3.3547	3.2174
Sc-47	1.2218	1.2488	1.3080	1.2599	1.1942	1.2302	1.3057	1.2695
Sc-48	4.8124	5.0302	5.0846	4.8049	4.7258	5.0123	5.2168	4.9854

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sc-49	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0010	0.0009
Sc-50	4.3792	4.5728	4.6512	4.3557	4.2959	4.5714	4.7533	4.5356
Se-70	2.3024	2.1455	2.7573	3.0378	1.9510	2.0145	2.7928	2.9312
Se-71	1.7361	1.7836	1.8573	1.7957	1.6889	1.7627	1.8746	1.8337
Se-72	1.2665	1.0945	1.6244	1.9314	0.9721	0.9910	1.6426	1.7962
Se-73	2.7092	2.7034	2.9960	3.0278	2.5512	2.6452	3.0340	3.0241
Se-73m	0.3436	0.3222	0.4106	0.4491	0.2912	0.3017	0.4156	0.4339
Se-75	3.4815	3.4245	3.9153	4.0306	3.1964	3.3028	3.9513	4.0312
Se-77m	1.1573	1.1307	1.3141	1.3581	1.0517	1.0825	1.3153	1.3300
Se-79m	0.5103	0.4284	0.6791	0.8203	0.3596	0.3685	0.6858	0.7571
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0303	0.0313	0.0322	0.0307	0.0296	0.0309	0.0325	0.0316
Se-81m	0.5740	0.4935	0.7468	0.8865	0.4221	0.4332	0.7546	0.8243
Se-83m	1.5379	1.6037	1.6311	1.5386	1.5081	1.5961	1.6648	1.5941
Se-83	5.1591	5.3580	5.4784	5.1874	5.0498	5.3245	5.5585	5.3578
Se-84	1.5138	1.5654	1.6111	1.5240	1.4790	1.5514	1.6328	1.5722
Si-31	0.0011	0.0011	0.0011	0.0011	0.0010	0.0011	0.0012	0.0011
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.5147	2.5768	2.6962	2.6099	2.4403	2.5474	2.7187	2.6622
Sm-140	1.6508	1.6500	1.8041	1.8324	1.5750	1.6280	1.8142	1.8153
Sm-141	2.1708	2.2225	2.3329	2.2620	2.1035	2.2063	2.3642	2.3000
Sm-141m	4.6322	4.7436	4.9651	4.8411	4.4949	4.6928	5.0148	4.9002
Sm-142	0.7585	0.7289	0.8552	0.9245	0.7023	0.7157	0.8533	0.8802
Sm-143	0.5071	0.4923	0.5677	0.6050	0.4729	0.4844	0.5682	0.5811
Sm-143m	1.4538	1.5072	1.5445	1.4879	1.4192	1.4949	1.5528	1.5099
Sm-145	1.5949	1.5382	1.7920	1.9284	1.4843	1.5125	1.7900	1.8410
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0011	0.0008	0.0015	0.0020	0.0007	0.0007	0.0016	0.0018
Sm-153	1.2731	1.2567	1.4015	1.4549	1.2124	1.2418	1.4099	1.4220
Sm-155	1.5482	1.5656	1.6627	1.6583	1.5080	1.5512	1.6833	1.6615
Sm-156	1.3945	1.3918	1.5297	1.5502	1.3243	1.3613	1.5415	1.5406
Sm-157	2.3296	2.3774	2.4934	2.4369	2.2644	2.3427	2.5128	2.4665
Sn-106	3.5521	3.6201	3.8197	3.7475	3.4113	3.5390	3.8397	3.7834
Sn-108	3.4736	3.5237	3.7494	3.6902	3.3255	3.4331	3.7577	3.7024
Sn-109	3.1471	3.2326	3.3795	3.2763	3.0303	3.1857	3.4304	3.3240
Sn-110	2.1223	2.1354	2.3023	2.2976	2.0110	2.0643	2.3001	2.2911
Sn-111	0.5913	0.5777	0.6602	0.6960	0.5358	0.5428	0.6529	0.6638
Sn-113	0.5773	0.5461	0.6591	0.7269	0.5035	0.4961	0.6419	0.6719
Sn-113m	0.3926	0.3696	0.4514	0.5032	0.3411	0.3352	0.4421	0.4643
Sn-117m	2.0915	2.0977	2.2780	2.2817	1.9906	2.0289	2.2625	2.2434
Sn-119m	0.4613	0.4275	0.5409	0.6120	0.3901	0.3835	0.5302	0.5615

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1557	0.1436	0.1834	0.2086	0.1323	0.1311	0.1820	0.1932
Sn-123	0.0100	0.0104	0.0105	0.0100	0.0098	0.0104	0.0108	0.0103
Sn-123m	1.6189	1.6487	1.7382	1.6882	1.5746	1.6187	1.7342	1.6932
Sn-125m	1.6025	1.6505	1.7064	1.6245	1.5639	1.6326	1.7216	1.6721
Sn-125	0.5112	0.5337	0.5403	0.5124	0.5015	0.5315	0.5524	0.5294
Sn-126	1.1566	1.1403	1.2762	1.3281	1.0888	1.1053	1.2819	1.2974
Sn-127m	1.4534	1.5120	1.5487	1.4554	1.4204	1.5017	1.5674	1.5200
Sn-127	3.2291	3.3587	3.4236	3.2531	3.1618	3.3388	3.4871	3.3570
Sn-128	3.2736	3.2808	3.5721	3.6122	3.0996	3.1757	3.5676	3.5777
Sn-129	1.9735	2.0549	2.1061	1.9709	1.9323	2.0337	2.1173	2.0459
Sn-130	4.0367	4.1239	4.3200	4.2405	3.9119	4.0495	4.3413	4.2662
Sn-130m	2.4014	2.4563	2.5753	2.5211	2.3253	2.4179	2.5946	2.5469
Sr-79	1.5919	1.5833	1.7570	1.7830	1.4869	1.5323	1.7549	1.7682
Sr-80	1.4883	1.4605	1.6972	1.7367	1.3218	1.3714	1.6816	1.7182
Sr-81	2.4567	2.5092	2.6445	2.5633	2.3730	2.4616	2.6509	2.6063
Sr-82	0.4550	0.3831	0.6021	0.7175	0.3004	0.3019	0.5809	0.6557
Sr-83	1.7874	1.7341	2.0586	2.1570	1.5518	1.6155	2.0444	2.1022
Sr-85	1.8708	1.8548	2.1149	2.1397	1.6807	1.7594	2.1065	2.1420
Sr-85m	1.7618	1.7908	1.8981	1.8574	1.6913	1.7478	1.9093	1.8867
Sr-87m	1.3137	1.3415	1.4175	1.3689	1.2583	1.3149	1.4307	1.3942
Sr-89	0.0001	0.0002	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2655	1.3203	1.3411	1.2700	1.2406	1.3104	1.3617	1.3110
Sr-92	1.5637	1.6327	1.6559	1.5522	1.5355	1.6365	1.6980	1.6131
Sr-93	4.1049	4.2573	4.3803	4.1556	3.9994	4.2157	4.4282	4.2798
Sr-94	1.5622	1.6321	1.6566	1.5484	1.5345	1.6391	1.6985	1.6084
Ta-170	1.7675	1.7472	1.9703	2.0350	1.6497	1.7062	2.0017	2.0120
Ta-172	4.0739	4.0971	4.4640	4.4829	3.8696	4.0280	4.5377	4.4981
Ta-173	3.0072	2.9296	3.4031	3.5803	2.7708	2.8511	3.4481	3.5079
Ta-174	3.2040	3.1775	3.5553	3.6452	3.0059	3.1051	3.6064	3.6187
Ta-175	4.2348	4.2242	4.6719	4.7462	4.0072	4.1513	4.7388	4.7388
Ta-176	4.1129	4.1384	4.5245	4.5323	3.8999	4.0872	4.6157	4.5562
Ta-177	1.3839	1.3303	1.5807	1.6967	1.2655	1.2921	1.6013	1.6501
Ta-178	1.4311	1.3715	1.6420	1.7688	1.3013	1.3306	1.6656	1.7162
Ta-178m	8.3177	8.3660	9.0759	9.0675	7.9481	8.2216	9.1805	9.1145
Ta-179	0.6828	0.6346	0.8116	0.9053	0.5934	0.6055	0.8244	0.8658
Ta-180	1.1606	1.1078	1.3364	1.4475	1.0514	1.0729	1.3551	1.4007
Ta-182	3.6172	3.6480	3.9527	3.9583	3.4499	3.5943	4.0258	3.9786
Ta-182m	3.8117	3.7120	4.3209	4.5261	3.4965	3.5907	4.3619	4.4389
Ta-183	3.4929	3.4057	3.9525	4.1402	3.2080	3.3016	4.0039	4.0704
Ta-184	5.8749	5.9661	6.3782	6.2855	5.6204	5.8662	6.4656	6.3709
Ta-185	1.9778	1.9248	2.2466	2.3565	1.8088	1.8598	2.2712	2.3075

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ta-186	5.6780	5.8120	6.1056	5.9288	5.4942	5.7214	6.1545	6.0508
Tb-146	3.2666	3.3926	3.4858	3.2979	3.1949	3.4033	3.5753	3.4030
Tb-147m	2.1664	2.2120	2.3404	2.2867	2.0936	2.2103	2.3870	2.3186
Tb-147	3.9820	4.0794	4.2778	4.1657	3.8633	4.0458	4.3323	4.2461
Tb-148m	7.0202	7.2421	7.5011	7.2206	6.8349	7.1730	7.5633	7.3639
Tb-148	3.0364	3.1313	3.2459	3.1425	2.9532	3.1148	3.2871	3.1955
Tb-149m	3.0322	3.0955	3.2639	3.2227	2.9298	3.0636	3.2799	3.2317
Tb-149	3.6018	3.6689	3.8848	3.8109	3.4813	3.6322	3.9198	3.8454
Tb-150m	7.0619	7.2690	7.5908	7.2679	6.8621	7.1813	7.6195	7.4525
Tb-150	3.4944	3.5863	3.7699	3.6368	3.3874	3.5621	3.8110	3.7155
Tb-151	4.7134	4.7676	5.1106	5.0631	4.5358	4.7045	5.1452	5.1018
Tb-151m	0.7842	0.7122	0.9590	1.0911	0.6493	0.6662	0.9729	1.0362
Tb-152m	4.2064	4.2371	4.5800	4.5604	4.0279	4.1729	4.6133	4.5861
Tb-152	3.1980	3.2574	3.4511	3.3792	3.0892	3.2294	3.4906	3.4234
Tb-153	2.8473	2.8290	3.1306	3.2042	2.7030	2.7802	3.1485	3.1691
Tb-154	3.7177	3.7806	4.0231	3.9683	3.5854	3.7584	4.0838	4.0189
Tb-155	2.8023	2.7708	3.0880	3.1857	2.6620	2.7267	3.1051	3.1362
Tb-156	5.5637	5.6575	6.0166	5.9237	5.3624	5.5945	6.0860	5.9942
Tb-156m	0.8751	0.8626	0.9543	0.9897	0.8446	0.8542	0.9557	0.9800
Tb-156n	0.1862	0.1558	0.2470	0.3011	0.1359	0.1391	0.2523	0.2780
Tb-157	0.2069	0.1780	0.2665	0.3188	0.1591	0.1626	0.2708	0.2955
Tb-158	2.6988	2.7059	2.9561	3.0020	2.5669	2.6662	2.9911	2.9849
Tb-160	2.6732	2.7417	2.8675	2.7974	2.5886	2.7127	2.9149	2.8478
Tb-161	0.9398	0.8879	1.0880	1.1951	0.8380	0.8471	1.0917	1.1431
Tb-162	3.5314	3.6247	3.7739	3.6737	3.4275	3.5796	3.8161	3.7374
Tb-163	2.9680	3.0574	3.1753	3.0289	2.8883	3.0241	3.2062	3.1209
Tb-164	5.8422	6.0110	6.2627	6.0327	5.6748	5.9450	6.3229	6.1643
Tb-165	1.3044	1.3395	1.4074	1.3604	1.2570	1.3292	1.4359	1.3934
Tc-101	1.6976	1.7474	1.8082	1.7245	1.6560	1.7262	1.8213	1.7771
Tc-102m	3.8103	3.9713	4.0555	3.7986	3.7328	3.9560	4.1214	3.9547
Tc-102	0.1754	0.1825	0.1866	0.1756	0.1715	0.1812	0.1890	0.1827
Tc-104	3.6819	3.8233	3.9148	3.6919	3.6049	3.8087	3.9807	3.8198
Tc-105	2.8682	2.9353	3.0747	2.9756	2.7800	2.8911	3.0925	3.0329
Tc-91	1.3669	1.4232	1.4557	1.3709	1.3352	1.4274	1.4936	1.4173
Tc-91m	0.9928	1.0309	1.0602	1.0008	0.9663	1.0219	1.0726	1.0414
Tc-92	6.2057	6.3982	6.6192	6.3445	6.0448	6.3428	6.6856	6.4830
Tc-93	2.0154	2.0325	2.2079	2.1844	1.8757	1.9744	2.2255	2.1839
Tc-93m	1.5111	1.5381	1.6352	1.5910	1.4369	1.5073	1.6527	1.6095
Tc-94	5.3019	5.4529	5.6841	5.5334	5.0897	5.3496	5.7140	5.5866
Tc-94m	1.9446	2.0057	2.0780	2.0186	1.8728	1.9778	2.1053	2.0435
Tc-95	2.0826	2.0883	2.2838	2.3086	1.9241	2.0027	2.2668	2.2687
Tc-95m	2.8299	2.8491	3.0841	3.0757	2.6527	2.7438	3.0737	3.0610
Tc-96	5.1928	5.3304	5.5616	5.4597	4.9724	5.2281	5.5890	5.4752

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-96m	0.3555	0.3284	0.4176	0.4623	0.2911	0.2925	0.4036	0.4284
Tc-97	0.5202	0.4647	0.6287	0.7177	0.3990	0.3937	0.6005	0.6525
Tc-97m	0.4066	0.3652	0.4870	0.5533	0.3191	0.3155	0.4652	0.5032
Tc-98	3.0728	3.1984	3.2722	3.0878	3.0074	3.1633	3.2781	3.1791
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.6373	1.6630	1.7577	1.7220	1.5891	1.6309	1.7538	1.7589
Te-113	1.6917	1.7605	1.7958	1.7052	1.6544	1.7540	1.8322	1.7558
Te-114	2.8011	2.8288	3.0426	3.0417	2.6641	2.7581	3.0637	3.0303
Te-115	2.6105	2.7001	2.7832	2.6624	2.5402	2.6736	2.8236	2.7294
Te-115m	2.9490	3.0540	3.1437	3.0109	2.8691	3.0297	3.1934	3.0792
Te-116	1.5646	1.5290	1.7344	1.8346	1.4460	1.4532	1.7270	1.7596
Te-117	2.1750	2.2286	2.3404	2.2865	2.0918	2.1895	2.3594	2.3037
Te-118	0.5608	0.5308	0.6379	0.7075	0.4950	0.4869	0.6273	0.6571
Te-119	2.1156	2.1493	2.3012	2.2592	2.0168	2.0853	2.2913	2.2690
Te-119m	3.9564	4.0407	4.2457	4.1527	3.8186	3.9658	4.2830	4.1945
Te-121	2.0659	2.0952	2.2485	2.2162	1.9647	2.0327	2.2439	2.2304
Te-121m	1.9327	1.9458	2.0904	2.0955	1.8432	1.8870	2.0990	2.0881
Te-123	0.0314	0.0229	0.0469	0.0616	0.0177	0.0182	0.0484	0.0554
Te-123m	1.9104	1.9179	2.0776	2.0749	1.8254	1.8652	2.0706	2.0511
Te-125m	1.0024	0.9482	1.1380	1.2621	0.8913	0.8806	1.1264	1.1807
Te-127	0.0198	0.0203	0.0211	0.0202	0.0192	0.0201	0.0213	0.0207
Te-127m	0.3242	0.3032	0.3738	0.4194	0.2829	0.2797	0.3710	0.3912
Te-129	0.3357	0.3272	0.3792	0.3990	0.3041	0.3119	0.3811	0.3890
Te-129m	0.2960	0.2842	0.3345	0.3625	0.2659	0.2667	0.3324	0.3444
Te-131	2.0433	2.0926	2.1870	2.1141	1.9900	2.0616	2.1953	2.1546
Te-131m	3.3887	3.4967	3.6041	3.4870	3.3011	3.4589	3.6435	3.5450
Te-132	2.3519	2.3619	2.5402	2.5566	2.2493	2.2978	2.5508	2.5510
Te-133	2.6329	2.7279	2.7973	2.6536	2.5752	2.7092	2.8371	2.7365
Te-133m	3.8433	3.9789	4.0898	3.9187	3.7492	3.9405	4.1450	4.0132
Te-134	3.4787	3.5680	3.7170	3.6065	3.3823	3.5138	3.7400	3.6674
Th-223	1.4233	1.3711	1.6296	1.7316	1.2715	1.3010	1.6356	1.6847
Th-224	0.2458	0.2451	0.2709	0.2729	0.2301	0.2368	0.2714	0.2709
Th-226	0.1726	0.1609	0.2053	0.2261	0.1444	0.1473	0.2048	0.2164
Th-227	1.5661	1.4801	1.8374	1.9881	1.3396	1.3730	1.8363	1.9186
Th-228	0.1259	0.1089	0.1615	0.1902	0.0917	0.0927	0.1598	0.1757
Th-229	2.1079	1.9624	2.5098	2.7708	1.7713	1.8070	2.5102	2.6445
Th-230	1.2528	1.2796	1.2711	1.2306	1.2377	1.2829	1.2543	1.2199
Th-231	1.0263	0.8954	1.3008	1.5252	0.7633	0.7675	1.2834	1.4056
Th-232	1.4953	1.5546	1.5753	1.4467	1.4738	1.5622	1.6795	1.5055
Th-233	0.3563	0.3284	0.4304	0.4803	0.2942	0.3017	0.4324	0.4569
Th-234	0.2644	0.2477	0.3120	0.3429	0.2254	0.2296	0.3119	0.3265
Th-235	0.1627	0.1668	0.1753	0.1698	0.1567	0.1641	0.1766	0.1728
Th-236	0.2977	0.2904	0.3371	0.3512	0.2685	0.2762	0.3376	0.3452

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-44	2.7057	2.7170	2.9341	2.9690	2.6338	2.6905	2.9628	2.9706
Ti-45	0.0155	0.0127	0.0211	0.0258	0.0107	0.0111	0.0217	0.0238
Ti-51	1.6377	1.6886	1.7424	1.6576	1.5998	1.6710	1.7578	1.7081
Ti-52	1.9488	1.9507	2.1244	2.1416	1.8510	1.8941	2.1229	2.1876
Ti-190	2.3018	2.3421	2.5010	2.4458	2.2067	2.3048	2.5308	2.4862
Ti-190m	5.9762	6.1299	6.4475	6.2231	5.7728	6.0414	6.5001	6.3615
Ti-194	2.4743	2.4915	2.7200	2.7078	2.3458	2.4403	2.7488	2.7305
Ti-194m	7.7674	7.9036	8.4537	8.2796	7.4327	7.7612	8.5176	8.4018
Ti-195	3.3762	3.3290	3.8064	3.9281	3.1032	3.2330	3.8630	3.8954
Ti-196	4.0055	4.0642	4.3729	4.3025	3.8249	4.0081	4.4395	4.3605
Ti-197	2.6080	2.5688	2.9277	3.0272	2.4178	2.4967	2.9602	2.9969
Ti-198	4.3970	4.4587	4.8009	4.7321	4.1962	4.3971	4.8785	4.7915
Ti-198m	5.1237	5.1492	5.6597	5.6351	4.8270	5.0218	5.7019	5.6849
Ti-199	2.5198	2.4694	2.8390	2.9568	2.3244	2.3917	2.8692	2.9174
Ti-200	4.1202	4.1608	4.5066	4.4775	3.9193	4.0881	4.5676	4.5171
Ti-201	1.9487	1.8635	2.2547	2.4276	1.7442	1.7846	2.2780	2.3577
Ti-202	2.7242	2.7145	3.0237	3.0652	2.5546	2.6503	3.0595	3.0664
Ti-204	0.0303	0.0286	0.0355	0.0389	0.0266	0.0272	0.0360	0.0375
Ti-206m	7.9623	8.1846	8.5384	8.2247	7.7169	8.0657	8.6327	8.4366
Ti-206	0.0015	0.0015	0.0017	0.0018	0.0014	0.0014	0.0017	0.0018
Ti-207	0.0042	0.0044	0.0044	0.0042	0.0041	0.0043	0.0045	0.0043
Ti-208	3.4833	3.6245	3.7176	3.4928	3.4076	3.6202	3.7884	3.6351
Ti-209	4.7466	4.8803	5.0897	4.8924	4.6205	4.8506	5.1670	5.0406
Ti-210	5.0365	5.1790	5.4040	5.2375	4.8610	5.1245	5.4851	5.3365
Tm-161	5.2092	5.1643	5.7487	5.8898	4.9370	5.0824	5.8036	5.8539
Tm-162	2.9116	2.9451	3.1678	3.1525	2.7911	2.9175	3.2220	3.1773
Tm-163	4.4912	4.4983	4.9148	4.9600	4.2879	4.4393	4.9754	4.9690
Tm-164	1.2015	1.1845	1.3360	1.3828	1.1287	1.1641	1.3527	1.3686
Tm-165	3.5393	3.5326	3.8797	3.9317	3.3675	3.4707	3.9122	3.9330
Tm-166	4.3875	4.4320	4.7836	4.7673	4.1952	4.3769	4.8457	4.7986
Tm-167	2.1619	2.1101	2.4219	2.5395	2.0105	2.0543	2.4420	2.4973
Tm-168	5.0630	5.1136	5.5023	5.4969	4.8474	5.0281	5.5479	5.5131
Tm-170	0.1015	0.0951	0.1194	0.1318	0.0892	0.0910	0.1212	0.1270
Tm-171	0.0157	0.0149	0.0181	0.0197	0.0142	0.0145	0.0184	0.0191
Tm-172	0.8739	0.8756	0.9682	0.9750	0.8211	0.8622	0.9886	0.9787
Tm-173	1.5572	1.5971	1.6698	1.6047	1.5111	1.5798	1.6923	1.6418
Tm-174	6.6131	6.7573	7.1183	6.9273	6.3887	6.6597	7.2114	7.0595
Tm-175	2.7020	2.7862	2.8974	2.7838	2.6228	2.7587	2.9356	2.8629
Tm-176	4.6261	4.7227	4.9914	4.8748	4.4605	4.6647	5.0728	4.9615
U-227	1.4775	1.4403	1.6703	1.7431	1.3352	1.3712	1.6761	1.7095
U-228	0.1520	0.1359	0.1884	0.2157	0.1175	0.1190	0.1863	0.2011
U-230	0.1402	0.1195	0.1819	0.2165	0.0988	0.0993	0.1787	0.1981
U-231	2.3322	2.1501	2.7974	3.1205	1.9207	1.9508	2.7825	2.9486

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-232	0.1254	0.1051	0.1651	0.1989	0.0854	0.0856	0.1620	0.1810
U-233	0.0661	0.0552	0.0874	0.1056	0.0448	0.0450	0.0860	0.0961
U-234	1.2262	1.2533	1.2283	1.2193	1.2108	1.2513	1.2260	1.1324
U-235	1.8320	1.9145	1.8878	1.8359	1.7923	1.8665	1.8786	1.8300
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1022	0.0852	0.1352	0.1634	0.0689	0.0690	0.1326	0.1484
U-237	2.4995	2.4109	2.8491	3.0239	2.2369	2.2864	2.8549	2.9306
U-238	1.1859	1.2322	1.2087	1.1585	1.1678	1.2254	1.2577	1.1846
U-239	0.9108	0.8959	1.0123	1.0517	0.8523	0.8686	1.0144	1.0352
U-240	0.3755	0.3252	0.4787	0.5635	0.2758	0.2779	0.4722	0.5181
U-242	0.3330	0.3341	0.3638	0.3657	0.3183	0.3274	0.3655	0.3649
V-47	0.0129	0.0125	0.0151	0.0159	0.0114	0.0121	0.0155	0.0156
V-48	3.2756	3.4111	3.4794	3.3083	3.1985	3.3968	3.5710	3.4220
V-49	0.0867	0.0626	0.1305	0.1722	0.0479	0.0494	0.1347	0.1546
V-50	1.5565	1.6027	1.6860	1.6168	1.4978	1.6032	1.7295	1.6527
V-52	1.5101	1.5782	1.6012	1.4945	1.4839	1.5874	1.6451	1.5539
V-53	1.6008	1.6749	1.6913	1.6003	1.5720	1.6661	1.7377	1.6616
W-177	5.6009	5.5490	6.2286	6.3940	5.2516	5.4235	6.3096	6.3611
W-178	0.4907	0.4392	0.6097	0.7051	0.3999	0.4089	0.6216	0.6646
W-179	1.4691	1.3672	1.7402	1.9414	1.2785	1.3018	1.7662	1.8534
W-179m	1.0440	0.9977	1.2063	1.3029	0.9395	0.9623	1.2247	1.2624
W-181	1.0122	0.9559	1.1823	1.2968	0.9011	0.9201	1.2003	1.2478
W-185m	0.8125	0.6929	1.0650	1.2771	0.6038	0.6202	1.0884	1.1891
W-185	0.0010	0.0010	0.0011	0.0012	0.0009	0.0009	0.0011	0.0012
W-187	1.7321	1.7590	1.8856	1.8573	1.6633	1.7316	1.9000	1.8834
W-188	0.0157	0.0157	0.0174	0.0176	0.0148	0.0153	0.0176	0.0176
W-190	2.6178	2.5524	2.9606	3.1041	2.4189	2.4811	2.9917	3.0324
Xe-120	2.4884	2.4704	2.7268	2.8076	2.3385	2.3813	2.7256	2.7500
Xe-121	2.1208	2.1556	2.2835	2.2526	2.0412	2.1196	2.3095	2.2748
Xe-122	0.9020	0.8749	1.0025	1.0697	0.8289	0.8321	0.9996	1.0274
Xe-123	2.2126	2.2233	2.3985	2.4075	2.1138	2.1659	2.4031	2.3956
Xe-125	2.5760	2.5744	2.7973	2.8400	2.4469	2.4943	2.8037	2.8086
Xe-127	2.7923	2.8067	3.0189	3.0310	2.6685	2.7273	3.0273	3.0125
Xe-127m	2.3642	2.3767	2.5535	2.5629	2.2735	2.3207	2.5556	2.5888
Xe-129m	1.2512	1.1934	1.4048	1.5394	1.1358	1.1318	1.4011	1.4599
Xe-131m	0.5215	0.4942	0.5903	0.6515	0.4684	0.4661	0.5891	0.6163
Xe-133	1.0138	0.9978	1.1103	1.1611	0.9626	0.9721	1.1151	1.1390
Xe-133m	0.6595	0.6371	0.7347	0.7889	0.6048	0.6071	0.7350	0.7585
Xe-135	1.5698	1.6115	1.6698	1.6061	1.5297	1.5862	1.6866	1.6540
Xe-135m	1.2958	1.3376	1.3903	1.3252	1.2573	1.3199	1.3994	1.3712
Xe-137	0.5154	0.5349	0.5488	0.5176	0.5037	0.5309	0.5561	0.5374
Xe-138	1.9579	2.0102	2.1073	2.0267	1.8917	1.9930	2.1466	2.0789
Y-81	2.0399	2.0243	2.2550	2.2978	1.8999	1.9473	2.2523	2.3057

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Y-83	1.1996	1.1744	1.3571	1.4099	1.0691	1.1084	1.3518	1.3790
Y-83m	1.4336	1.4498	1.5602	1.5345	1.3529	1.4049	1.5669	1.5556
Y-84m	5.0452	5.2580	5.3457	5.0920	4.9346	5.2229	5.4384	5.2343
Y-85	1.2126	1.2317	1.3293	1.3025	1.1366	1.1947	1.3342	1.3263
Y-85m	1.3472	1.3619	1.4784	1.4616	1.2584	1.3206	1.4895	1.4724
Y-86	5.2144	5.3762	5.6108	5.3885	5.0135	5.2951	5.6875	5.5201
Y-86m	1.7633	1.8025	1.8830	1.8319	1.7104	1.7652	1.8968	1.8600
Y-87	1.8075	1.7884	2.0389	2.0703	1.6216	1.6925	2.0312	2.0630
Y-87m	1.2840	1.3089	1.3868	1.3430	1.2268	1.2803	1.3975	1.3652
Y-88	3.4019	3.4639	3.7193	3.6530	3.1947	3.3883	3.7758	3.6838
Y-89m	1.5486	1.6166	1.6350	1.5625	1.5178	1.6066	1.6670	1.6032
Y-90	0.0001	0.0001	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Y-90m	3.1645	3.2556	3.3771	3.2437	3.0761	3.2022	3.4042	3.3255
Y-91	0.0040	0.0042	0.0042	0.0040	0.0039	0.0042	0.0043	0.0041
Y-91m	1.4370	1.4913	1.5410	1.4472	1.3981	1.4713	1.5466	1.5077
Y-92	0.4073	0.4251	0.4311	0.4082	0.3993	0.4232	0.4398	0.4219
Y-93	0.2087	0.2161	0.2217	0.2107	0.2041	0.2143	0.2252	0.2177
Y-94	1.2083	1.2617	1.2772	1.2132	1.1852	1.2559	1.3036	1.2507
Y-95	0.8955	0.9373	0.9484	0.8881	0.8808	0.9427	0.9780	0.9249
Yb-162	2.8662	2.8411	3.1634	3.2347	2.7145	2.7814	3.1807	3.2223
Yb-163	1.9886	1.9508	2.2320	2.3261	1.8454	1.9054	2.2604	2.2972
Yb-164	1.1077	1.0658	1.2546	1.3434	1.0230	1.0390	1.2645	1.3106
Yb-165	2.9749	2.8498	3.4101	3.6695	2.7024	2.7590	3.4497	3.5775
Yb-166	2.0997	2.0248	2.3721	2.5339	1.9457	1.9755	2.3915	2.4759
Yb-167	4.7268	4.6128	5.2946	5.5560	4.4064	4.4997	5.3444	5.4767
Yb-169	5.3286	5.2410	5.9145	6.1397	5.0210	5.1298	5.9651	6.0661
Yb-175	0.2408	0.2437	0.2608	0.2574	0.2317	0.2401	0.2637	0.2608
Yb-177	0.8715	0.8817	0.9445	0.9363	0.8399	0.8685	0.9527	0.9458
Yb-178	0.1731	0.1760	0.1874	0.1828	0.1661	0.1734	0.1898	0.1857
Yb-179	2.9050	2.9974	3.1244	2.9645	2.8249	2.9569	3.1363	3.0635
Zn-60	1.7445	1.7923	1.8766	1.8057	1.6961	1.7697	1.8864	1.8455
Zn-61	0.6715	0.6988	0.7158	0.6733	0.6565	0.6984	0.7312	0.6993
Zn-62	1.5469	1.4929	1.7977	1.8977	1.3732	1.4328	1.8164	1.8641
Zn-63	0.2811	0.2863	0.3082	0.3025	0.2663	0.2809	0.3127	0.3073
Zn-65	1.0828	1.0373	1.2749	1.3697	0.9373	0.9898	1.3115	1.3412
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.4147	1.4603	1.5140	1.4388	1.3747	1.4453	1.5335	1.4864
Zn-71	0.7991	0.8306	0.8504	0.8036	0.7815	0.8239	0.8605	0.8360
Zn-71m	4.5249	4.6943	4.8265	4.5427	4.4232	4.6470	4.8667	4.7163
Zn-72	2.2407	2.1619	2.5745	2.7203	2.0105	2.0657	2.5916	2.6713
Zr-85	1.3639	1.4081	1.4591	1.3894	1.3221	1.3914	1.4773	1.4313
Zr-86	2.7789	2.7019	3.1437	3.2774	2.4581	2.5120	3.1128	3.2001
Zr-87	0.2005	0.1935	0.2308	0.2434	0.1718	0.1781	0.2291	0.2356

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zr-88	1.9582	1.9396	2.1855	2.2112	1.7764	1.8406	2.1809	2.1883
Zr-89	1.9505	1.9685	2.1404	2.1485	1.8062	1.8937	2.1536	2.1394
Zr-89m	1.4794	1.5325	1.5914	1.4955	1.4354	1.5084	1.5936	1.5525
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.5016	1.5633	1.5915	1.5173	1.4700	1.5499	1.5993	1.5498
Zr-97	1.7861	1.8577	1.8951	1.8061	1.7462	1.8414	1.9080	1.8484

Table 6: Composite 2 – 1 cm Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.1838	0.2156	0.3619	0.3378
Ac-224	2.7136	2.9122	3.6447	3.4983
Ac-225	0.2450	0.2901	0.4972	0.4664
Ac-226	1.2263	1.3176	1.6364	1.5694
Ac-227	0.0249	0.0377	0.1053	0.0940
Ac-228	1.8941	2.0926	2.5060	2.5123
Ac-230	0.7947	0.8878	1.0852	1.0928
Ac-231	2.8789	3.0655	3.5933	3.4677
Ac-232	1.3408	1.4964	1.7625	1.7932
Ac-233	1.3280	1.4331	1.5754	1.6580
Ag-100m	2.6296	2.8572	2.9791	3.1297
Ag-101	2.1103	2.2644	2.4925	2.5289
Ag-102m	1.6073	1.7583	1.8826	1.9592
Ag-102	3.8943	4.2300	4.4670	4.6916
Ag-103	2.2392	2.3950	2.7738	2.7324
Ag-104	4.6766	5.0894	5.4850	5.7349
Ag-104m	1.8760	2.0361	2.2151	2.3216
Ag-105	2.2910	2.4640	2.9139	2.8591
Ag-105m	0.0109	0.0157	0.0420	0.0366
Ag-106	0.3873	0.4257	0.5372	0.5499
Ag-106m	5.6754	6.1483	6.6709	6.9140
Ag-108	0.0451	0.0490	0.0569	0.0586
Ag-108m	4.2328	4.5646	5.0010	5.1508
Ag-109m	0.2250	0.2517	0.3740	0.3666
Ag-110	0.0669	0.0721	0.0754	0.0799
Ag-110m	4.6300	5.0285	5.2113	5.4943
Ag-111	0.1223	0.1293	0.1414	0.1365
Ag-111m	0.1172	0.1338	0.2126	0.2057
Ag-112	1.0507	1.1367	1.1827	1.2475
Ag-113m	0.8580	0.9158	1.0248	1.0011
Ag-113	0.2732	0.2903	0.3150	0.3101
Ag-114	0.4340	0.4684	0.4903	0.5184
Ag-115	0.9796	1.0463	1.1297	1.1309
Ag-116	2.5383	2.7591	2.8903	3.0336
Ag-117	1.9364	2.0803	2.2444	2.2280
Ag-99	2.7046	2.9116	3.1354	3.1858
Al-26	1.4269	1.5675	1.6399	1.6899
Al-28	1.3911	1.5268	1.5962	1.6465
Al-29	1.4550	1.5962	1.6665	1.7246
Am-237	2.7910	3.0139	3.7921	3.6654
Am-238	2.7545	3.0102	3.6664	3.6507
Am-239	3.0404	3.3113	4.4247	4.2358

Nuclide	avg400	ctr400	mid400	cnr400
Am-240	2.8548	3.1612	3.9589	3.9447
Am-241	1.1507	1.2239	1.1843	1.1449
Am-242	0.3300	0.3817	0.6224	0.5883
Am-242m	0.1312	0.1744	0.3904	0.3604
Am-243	1.0814	1.1514	1.4278	1.3745
Am-244	2.3155	2.5999	3.4234	3.3895
Am-244m	0.0979	0.1202	0.2211	0.2089
Am-245	0.3417	0.3692	0.4764	0.4568
Am-246	3.2257	3.5841	4.7884	4.6650
Am-246m	1.6866	1.8666	2.1400	2.1933
Am-247	1.3025	1.3988	1.7477	1.6759
Ar-37	0.0075	0.0130	0.0451	0.0384
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4316	1.5685	1.6381	1.6977
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.7292	1.8914	1.9652	2.0531
Ar-44	2.7202	2.9227	3.1328	3.1282
As-68	3.3924	3.7046	3.8471	4.0389
As-69	0.5037	0.5432	0.6435	0.6253
As-70	4.4251	4.8340	5.0773	5.3058
As-71	1.7714	1.9339	2.5493	2.3923
As-72	1.4207	1.5606	1.6861	1.7520
As-73	0.3902	0.5927	1.7575	1.5166
As-74	1.1153	1.2283	1.4708	1.5087
As-76	0.8647	0.9308	0.9740	1.0335
As-77	0.0453	0.0478	0.0533	0.0527
As-78	1.9745	2.1405	2.2284	2.3420
As-79	0.0873	0.0935	0.0996	0.1001
At-204	5.8840	6.3384	6.9983	7.1716
At-205	2.9237	3.1705	3.6965	3.7092
At-206	6.1007	6.5714	7.2659	7.3736
At-207	4.6090	5.0018	5.6934	5.7534
At-208	7.2729	7.8693	8.7759	8.9305
At-209	6.5074	7.0484	8.0076	8.1231
At-210	5.5551	6.0409	6.9143	6.9421
At-211	0.6262	0.6841	0.9157	0.8816
At-215	0.0007	0.0007	0.0008	0.0008
At-216	0.0348	0.0374	0.0475	0.0457
At-217	0.0015	0.0016	0.0019	0.0019
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.2136	2.3470	2.6326	2.5854
Au-186	3.4764	3.7156	4.2906	4.1761

Nuclide	avg400	ctr400	mid400	cnr400
Au-187	2.5814	2.8125	3.5316	3.4132
Au-190	4.0608	4.3796	5.0267	4.9270
Au-191	3.2631	3.5097	4.3635	4.1896
Au-192	3.7570	4.0551	4.6947	4.5855
Au-193	2.0291	2.1812	2.8819	2.7002
Au-193m	1.4445	1.5751	2.0907	1.9905
Au-194	2.9854	3.2131	3.8164	3.6873
Au-195	1.5596	1.7138	2.5103	2.3228
Au-195m	1.4579	1.5905	2.1104	2.0082
Au-196	2.7464	2.9337	3.5309	3.3421
Au-196m	3.0558	3.3476	4.6492	4.3305
Au-198	1.3729	1.4574	1.5940	1.5439
Au-198m	5.4185	5.7599	7.0334	6.6935
Au-199	1.0939	1.1686	1.4416	1.3593
Au-200	0.5269	0.5671	0.6106	0.6066
Au-200m	6.9157	7.3806	8.1341	8.1499
Au-201	0.1348	0.1501	0.2037	0.1982
Au-202	0.3316	0.3577	0.3810	0.3888
Ba-124	1.6211	1.7126	2.0211	1.9990
Ba-126	2.0794	2.2048	2.5376	2.5429
Ba-127	0.8835	0.9282	1.1210	1.0987
Ba-128	0.7652	0.8008	1.0309	1.0140
Ba-129	0.9157	0.9620	1.1961	1.1737
Ba-129m	4.2844	4.5752	5.1407	5.1497
Ba-131	2.6175	2.7556	3.1942	3.1753
Ba-131m	1.2508	1.3058	1.5823	1.5344
Ba-133	2.8327	2.9762	3.4996	3.4084
Ba-133m	0.6968	0.7439	1.0185	0.9830
Ba-135m	0.6381	0.6673	0.8497	0.8330
Ba-137m	1.3346	1.4358	1.5060	1.5934
Ba-139	0.4412	0.4623	0.5233	0.4990
Ba-140	0.7203	0.7845	0.9920	0.9812
Ba-141	2.8707	3.0494	3.3141	3.2833
Ba-142	2.4347	2.6097	2.8251	2.8643
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1431	0.1528	0.1627	0.1692
Bi-197	3.3452	3.6507	4.2435	4.2653
Bi-200	6.8437	7.3604	8.2940	8.2982
Bi-201	3.4230	3.7325	4.3205	4.3353
Bi-202	6.3776	6.8935	7.6631	7.7534
Bi-203	4.2662	4.6480	5.2914	5.3303
Bi-204	6.4035	6.9473	7.7635	7.8293
Bi-205	3.1800	3.4718	4.0439	4.0650

Nuclide	avg400	ctr400	mid400	cnr400
Bi-206	7.4180	8.0371	8.9629	9.1066
Bi-207	3.6949	4.0137	4.5779	4.6689
Bi-208	2.0030	2.2352	2.6509	2.6261
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4599	1.5482	1.7551	1.7081
Bi-211	0.2261	0.2405	0.2722	0.2605
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2035	0.2333	0.3222	0.3177
Bi-213	0.4438	0.4738	0.5258	0.5227
Bi-214	1.9110	2.0784	2.1735	2.2733
Bi-215	1.0619	1.1360	1.2949	1.2733
Bi-216	2.0707	2.2152	2.3710	2.4530
Bk-245	2.7404	2.9502	3.7689	3.6106
Bk-246	2.6926	2.9765	3.7715	3.7213
Bk-247	1.5483	1.6378	1.9202	1.8689
Bk-248m	0.5244	0.5790	0.8035	0.7712
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4526	1.6097	1.8091	1.8755
Bk-251	1.3025	1.4216	1.9261	1.8188
Br-72	2.7339	2.9867	3.1587	3.2773
Br-73	1.5526	1.6604	1.8981	1.8641
Br-74	3.0799	3.3673	3.5692	3.6927
Br-74m	3.8366	4.1792	4.4027	4.6058
Br-75	1.9837	2.1234	2.4403	2.3776
Br-76	2.6805	2.9485	3.2903	3.4060
Br-76m	0.7980	0.9432	1.6311	1.5436
Br-77	1.2714	1.4335	2.0114	1.9553
Br-77m	0.3321	0.4092	0.7637	0.7207
Br-78	0.2084	0.2302	0.2749	0.2837
Br-80	0.1279	0.1426	0.1768	0.1809
Br-80m	0.5314	0.6706	1.3511	1.2820
Br-82m	0.1274	0.2002	0.5472	0.5086
Br-82	4.7021	5.0950	5.2980	5.5847
Br-83	0.0179	0.0192	0.0204	0.0217
Br-84m	4.2687	4.6217	4.8623	4.9835
Br-84	1.5697	1.7235	1.7866	1.8618
Br-85	0.1046	0.1140	0.1182	0.1237
C-10	1.4296	1.5482	1.6012	1.6920
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0134	0.0232	0.0805	0.0686
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2595	1.3770	1.4385	1.4940

Nuclide	avg400	ctr400	mid400	cnr400
Ca-49	1.3500	1.5038	1.5574	1.6315
Cd-101	2.8064	3.0256	3.3253	3.3811
Cd-102	2.1554	2.3242	2.6648	2.7111
Cd-103	2.1011	2.3063	2.6030	2.6614
Cd-104	1.5957	1.7185	2.0993	2.1022
Cd-105	1.4231	1.5616	1.7898	1.8247
Cd-107	0.6136	0.6900	1.0409	1.0248
Cd-109	0.5606	0.6324	0.9645	0.9487
Cd-111m	2.1318	2.2513	2.5888	2.5236
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0006	0.0007	0.0009	0.0008
Cd-115	0.5524	0.5912	0.6342	0.6682
Cd-115m	0.0485	0.0530	0.0550	0.0577
Cd-117	1.9641	2.1130	2.2630	2.2842
Cd-117m	2.2995	2.5124	2.6207	2.7246
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.3745	2.5626	2.7321	2.7517
Cd-119m	2.7069	2.9530	3.0898	3.1992
Ce-130	2.6101	2.7452	3.1944	3.1283
Ce-131	3.0493	3.2581	3.6831	3.6699
Ce-132	2.5473	2.6662	3.1082	2.9994
Ce-133	1.9951	2.0776	2.4966	2.4684
Ce-133m	4.2409	4.5192	5.0543	5.1131
Ce-134	0.5911	0.6167	0.8253	0.8096
Ce-135	3.1124	3.3017	3.7212	3.7465
Ce-137	0.6418	0.6847	0.9875	0.9542
Ce-137m	0.6326	0.6648	0.8430	0.8263
Ce-139	1.9583	2.0503	2.4429	2.3462
Ce-141	0.9453	0.9887	1.1264	1.0730
Ce-143	1.6060	1.6945	1.9617	1.9265
Ce-144	0.2773	0.2895	0.3354	0.3216
Ce-145	2.5771	2.7479	3.1020	3.1304
Cf-244	0.0483	0.0632	0.1367	0.1271
Cf-246	0.0335	0.0437	0.0940	0.0874
Cf-247	1.5708	1.7562	2.5917	2.4443
Cf-248	0.0405	0.0527	0.1128	0.1049
Cf-249	1.4315	1.5410	1.8383	1.7528
Cf-250	0.0458	0.0563	0.1032	0.0975
Cf-251	1.5499	1.6819	2.2169	2.1096
Cf-252	0.7320	0.7952	0.8885	0.8980
Cf-253	0.1127	0.1441	0.3051	0.2812
Cf-254	25.8024	27.7901	29.5381	30.1036
Cf-255	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.6394	1.7723	1.8971	1.8892
Cl-36	0.0001	0.0002	0.0006	0.0005
Cl-38	1.0256	1.1297	1.1794	1.2127
Cl-39	2.1110	2.2797	2.4252	2.4736
Cl-40	2.7119	2.9860	3.1083	3.2206
Cm-238	1.2726	1.3749	1.7956	1.7196
Cm-239	3.0429	3.2430	3.9683	3.7897
Cm-240	0.0521	0.0696	0.1555	0.1445
Cm-241	2.9568	3.2394	4.2405	4.1237
Cm-242	0.0467	0.0624	0.1396	0.1297
Cm-243	1.4698	1.6119	2.2003	2.0988
Cm-244	0.0400	0.0536	0.1198	0.1114
Cm-245	1.6001	1.7414	2.3290	2.2268
Cm-246	0.0375	0.0487	0.1019	0.0952
Cm-247	1.1621	1.2319	1.3553	1.3014
Cm-248	2.0412	2.2063	2.3921	2.4299
Cm-249	0.0786	0.0991	0.2005	0.1825
Cm-250	20.3574	21.9276	23.3169	23.7598
Cm-251	0.4074	0.4403	0.5176	0.5194
Co-54m	4.2080	4.5616	4.8121	4.9032
Co-55	1.8844	2.0605	2.1975	2.2883
Co-56	3.6577	4.0393	4.3718	4.5127
Co-57	1.7042	1.8508	2.4912	2.3126
Co-58	1.4935	1.6576	1.9026	1.9443
Co-58m	0.0538	0.0932	0.3224	0.2748
Co-60	2.8997	3.1767	3.3103	3.4443
Co-60m	0.0865	0.1309	0.3875	0.3333
Co-61	1.1393	1.1871	1.4010	1.3251
Co-62	1.6747	1.8393	1.9124	1.9906
Co-62m	2.9809	3.2700	3.4019	3.5430
Cr-48	3.1171	3.2861	3.7179	3.5706
Cr-49	1.4953	1.5562	1.7416	1.6776
Cr-51	0.1806	0.2120	0.3555	0.3221
Cr-55	0.0006	0.0007	0.0007	0.0007
Cr-56	1.6239	1.7121	2.0251	1.9878
Cs-121	1.0875	1.1500	1.2828	1.2646
Cs-121m	2.0403	2.1534	2.4105	2.3664
Cs-123	1.4653	1.5488	1.7522	1.7676
Cs-124	0.5679	0.6063	0.6649	0.6561
Cs-125	1.1755	1.2486	1.4344	1.4598
Cs-126	0.9275	0.9876	1.0929	1.0756
Cs-127	1.8679	1.9726	2.2961	2.2521

Nuclide	avg400	ctr400	mid400	cnr400
Cs-128	0.6182	0.6572	0.7532	0.7573
Cs-129	1.6200	1.7083	2.0645	2.0241
Cs-130m	1.3222	1.3858	1.7478	1.7067
Cs-130	0.3604	0.3802	0.4927	0.4943
Cs-131	0.4973	0.5215	0.7153	0.7084
Cs-132	1.9604	2.0985	2.3491	2.4415
Cs-134	3.1724	3.4293	3.5614	3.7665
Cs-134m	0.4551	0.4929	0.7150	0.6746
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.8422	3.0974	3.2052	3.3673
Cs-136	4.2887	4.6322	4.9048	5.0159
Cs-137	1.5945	1.7054	1.7429	1.8871
Cs-138m	1.1699	1.2438	1.4482	1.4419
Cs-138	2.7898	3.0361	3.1852	3.2974
Cs-139	0.2884	0.3159	0.3296	0.3418
Cs-140	1.9037	2.0743	2.1593	2.2635
Cu-57	0.1487	0.1630	0.1693	0.1776
Cu-59	0.7129	0.7732	0.8192	0.8380
Cu-60	2.8394	3.1156	3.2729	3.3905
Cu-61	0.5648	0.6219	0.7864	0.7672
Cu-62	0.0102	0.0122	0.0194	0.0184
Cu-64	0.0389	0.0631	0.2007	0.1724
Cu-66	0.1408	0.1543	0.1593	0.1683
Cu-67	1.2037	1.2651	1.4558	1.3924
Cu-69	0.8408	0.9161	0.9498	1.0016
Dy-148	2.2190	2.3746	2.6765	2.7291
Dy-149	3.5027	3.7606	4.2465	4.2599
Dy-150	1.4003	1.4841	1.7276	1.6484
Dy-151	3.2862	3.5410	4.0442	4.0405
Dy-152	2.2604	2.3853	2.7955	2.7148
Dy-153	3.9783	4.2272	4.9585	4.8547
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.8739	3.0499	3.5213	3.4510
Dy-157	2.3001	2.4386	2.8390	2.7222
Dy-159	0.9888	1.0499	1.3596	1.2953
Dy-165m	0.2088	0.2389	0.3944	0.3625
Dy-165	0.2080	0.2199	0.2627	0.2548
Dy-166	0.8072	0.8637	1.1406	1.0779
Dy-167	2.1376	2.2734	2.5357	2.5314
Dy-168	1.9600	2.0811	2.3945	2.3490
Er-154	1.0301	1.1109	1.5448	1.4625
Er-156	1.2727	1.3940	2.0673	1.9270
Er-159	2.7493	2.9430	3.3695	3.3630

Nuclide	avg400	ctr400	mid400	cnr400
Er-161	2.8519	3.0719	3.5500	3.5259
Er-163	0.8543	0.9088	1.1929	1.1252
Er-165	0.8214	0.8747	1.1535	1.0871
Er-167m	0.9236	0.9783	1.1858	1.1243
Er-169	0.0016	0.0027	0.0093	0.0080
Er-171	2.5484	2.6972	3.1190	2.9853
Er-172	2.1826	2.3254	2.7045	2.6449
Er-173	4.0086	4.2485	4.8371	4.7009
Es-249	2.4690	2.6622	3.2952	3.1566
Es-250	6.1700	6.8106	9.0576	8.7233
Es-250m	2.1093	2.2978	2.8625	2.7907
Es-251	1.5248	1.6860	2.3972	2.2579
Es-253	0.0144	0.0184	0.0383	0.0354
Es-254	0.4618	0.6101	1.3719	1.2549
Es-254m	1.2016	1.3238	1.5859	1.6218
Es-255	0.0010	0.0011	0.0012	0.0012
Es-256	0.0724	0.0902	0.1803	0.1682
Eu-142	0.3415	0.3713	0.3983	0.4105
Eu-142m	4.8100	5.2315	5.5580	5.8327
Eu-143	0.5864	0.6330	0.7110	0.7177
Eu-144	0.2618	0.2835	0.3175	0.3213
Eu-145	2.4232	2.6187	2.8943	2.9601
Eu-146	4.5958	4.9627	5.3188	5.5227
Eu-147	2.3557	2.4975	2.8802	2.8379
Eu-148	5.3207	5.7134	6.1504	6.3982
Eu-149	0.8794	0.9437	1.2388	1.1929
Eu-150	4.9163	5.2471	5.7564	5.7638
Eu-150m	0.1928	0.2050	0.2364	0.2302
Eu-152	3.0751	3.2933	3.6617	3.6577
Eu-152m	0.8163	0.8770	0.9790	0.9873
Eu-152n	1.3061	1.3895	1.7372	1.6721
Eu-154	2.7529	2.9601	3.2129	3.2512
Eu-154m	1.3073	1.4037	1.9056	1.7977
Eu-155	1.0422	1.0901	1.2652	1.2297
Eu-156	1.6632	1.8114	1.9433	1.9976
Eu-157	1.7507	1.8647	2.2701	2.1789
Eu-158	2.1749	2.3691	2.5610	2.6407
Eu-159	1.9930	2.1104	2.5069	2.4468
F-17	0.0005	0.0005	0.0006	0.0006
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.6955	1.7899	2.0744	1.9594
Fe-53	0.6137	0.6516	0.7134	0.6833
Fe-53m	4.1601	4.5395	4.7074	4.9442

Nuclide	avg400	ctr400	mid400	cnr400
Fe-55	0.0444	0.0772	0.2673	0.2278
Fe-59	1.5338	1.6769	1.7484	1.8189
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.0517	2.2283	2.3409	2.4074
Fe-62	1.3699	1.4669	1.5506	1.6524
Fm-251	1.5671	1.7089	2.2902	2.1651
Fm-252	0.0370	0.0469	0.0962	0.0896
Fm-253	1.0675	1.2081	1.8605	1.7433
Fm-254	0.0478	0.0586	0.1091	0.1027
Fm-255	0.3890	0.5036	1.0838	0.9982
Fm-256	19.1831	20.6616	21.9700	22.3932
Fm-257	1.6085	1.7623	2.4068	2.2825
Fr-212	3.0818	3.3534	4.0272	3.9738
Fr-219	0.0165	0.0176	0.0199	0.0195
Fr-220	0.1669	0.1907	0.2961	0.2802
Fr-221	0.2486	0.2633	0.3084	0.2976
Fr-222	1.4051	1.5193	1.9315	1.8477
Fr-223	0.8483	0.9325	1.3035	1.2415
Fr-224	1.6631	1.7919	2.0878	2.0477
Fr-227	2.5233	2.6948	3.1804	3.1309
Ga-64	2.0811	2.2892	2.3821	2.4865
Ga-65	1.5569	1.6641	2.0381	1.9440
Ga-66	1.3973	1.5699	1.8104	1.8356
Ga-67	1.4895	1.6451	2.3398	2.1798
Ga-68	0.0639	0.0769	0.1255	0.1189
Ga-70	0.0151	0.0166	0.0194	0.0193
Ga-72	3.1787	3.4758	3.6045	3.7668
Ga-73	1.7820	1.9830	2.7578	2.5814
Ga-74	3.4846	3.7943	3.9530	4.1409
Gd-142	1.3987	1.4940	1.6777	1.6752
Gd-143m	3.7637	4.0240	4.4668	4.4754
Gd-144	0.8789	0.9445	1.0925	1.0822
Gd-145m	1.4651	1.5985	1.8085	1.8489
Gd-145	2.1839	2.3794	2.6059	2.6465
Gd-146	3.9110	4.1051	4.8535	4.6639
Gd-147	4.4934	4.7934	5.3233	5.3009
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.1443	3.3309	3.8265	3.7232
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.0830	1.1619	1.5290	1.4593
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	1.9644	2.0622	2.4838	2.4125
Gd-159	0.3926	0.4157	0.4968	0.4745

Nuclide	avg400	ctr400	mid400	cnr400
Gd-162	1.4270	1.5222	1.7026	1.6614
Ge-66	2.1415	2.3398	3.0737	2.9211
Ge-67	1.8430	1.9552	2.1827	2.1108
Ge-68	0.1095	0.1898	0.6561	0.5595
Ge-69	1.1454	1.3032	1.7136	1.6978
Ge-71	0.1110	0.1925	0.6654	0.5674
Ge-75	0.2022	0.2128	0.2350	0.2299
Ge-77	3.4876	3.7039	4.0216	3.9997
Ge-78	1.5166	1.5992	1.7565	1.7137
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6379	1.7403	2.0797	1.9667
Hf-169	2.3363	2.4946	2.9667	2.9231
Hf-170	3.0939	3.3080	4.1336	3.9466
Hf-172	2.0401	2.2162	3.1609	2.9214
Hf-173	3.9292	4.1463	4.9468	4.6706
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.4244	2.5808	3.1472	2.9647
Hf-177m	14.5406	15.4022	17.9240	17.1553
Hf-178m	10.5357	11.1956	12.7561	12.5253
Hf-179m	5.7886	6.1565	7.3618	7.0098
Hf-180m	5.3522	5.6770	6.5682	6.3309
Hf-181	2.5793	2.7463	3.1785	3.1104
Hf-182	1.5585	1.6456	1.8792	1.8153
Hf-182m	4.4239	4.7211	5.5869	5.4050
Hf-183	2.3632	2.5292	2.8129	2.8134
Hf-184	2.1504	2.3686	3.3516	3.0899
Hg-190	2.8075	3.0166	3.9128	3.6644
Hg-191m	5.0342	5.4191	6.4490	6.3163
Hg-192	2.7516	2.9696	3.8792	3.6617
Hg-193	2.8736	3.1225	3.9185	3.7771
Hg-193m	2.9390	3.1759	3.7718	3.6998
Hg-194	0.0681	0.1144	0.3674	0.3218
Hg-195	1.5567	1.7166	2.4305	2.2850
Hg-195m	1.5573	1.7598	2.6821	2.5093
Hg-197	1.3770	1.5173	2.2022	2.0528
Hg-197m	1.3282	1.4659	2.0946	1.9477
Hg-199m	1.9971	2.1546	2.7828	2.6151
Hg-203	1.4299	1.5145	1.7188	1.6679
Hg-205	0.0479	0.0505	0.0588	0.0563
Hg-206	0.6629	0.7061	0.8077	0.7807
Hg-207	3.9097	4.2390	4.5828	4.6266
Ho-150	2.1220	2.3012	2.4256	2.5344
Ho-153	2.4462	2.6027	2.9498	2.8937

Nuclide	avg400	ctr400	mid400	cnr400
Ho-153m	2.8151	2.9860	3.4290	3.3506
Ho-154m	6.1966	6.6138	7.2223	7.1948
Ho-154	3.2328	3.4605	3.7787	3.7598
Ho-155	2.2126	2.3555	2.8338	2.7347
Ho-156	4.4412	4.7424	5.3055	5.2381
Ho-157	3.3588	3.5669	4.2636	4.1140
Ho-159	3.7741	3.9827	4.7536	4.5474
Ho-160	4.4278	4.7720	5.3293	5.4035
Ho-161	1.1962	1.2862	1.7434	1.6577
Ho-162	1.1563	1.2354	1.5964	1.5212
Ho-162m	2.4084	2.5921	3.2145	3.0950
Ho-163	0.0018	0.0031	0.0107	0.0091
Ho-164	0.6299	0.6720	0.8873	0.8393
Ho-164m	1.0292	1.1332	1.7079	1.5809
Ho-166	0.2433	0.2654	0.3673	0.3455
Ho-166m	5.1416	5.5052	6.0906	6.0875
Ho-167	1.8808	1.9944	2.2573	2.1633
Ho-168	1.9366	2.1007	2.3044	2.3540
Ho-168m	0.1625	0.1903	0.3467	0.3128
Ho-170	4.4718	4.8132	5.3645	5.3797
I-118m	5.9437	6.4099	6.7249	7.0763
I-118	2.0272	2.1870	2.2961	2.4219
I-119	1.8750	1.9816	2.2515	2.2319
I-120	2.4137	2.6183	2.7869	2.9172
I-120m	5.0919	5.4932	5.7832	6.1065
I-121	2.0776	2.1872	2.5409	2.4908
I-122	0.4272	0.4588	0.5162	0.5383
I-123	1.9625	2.0678	2.4566	2.3709
I-124	1.7473	1.8826	2.0898	2.1776
I-125	0.9011	0.9589	1.3250	1.3206
I-126	1.3174	1.4081	1.5765	1.5890
I-128	0.2284	0.2433	0.2716	0.2736
I-129	0.5400	0.5651	0.7583	0.7520
I-130m	0.3620	0.3914	0.4803	0.4904
I-130	4.7148	5.0771	5.3087	5.5806
I-131	1.5365	1.6429	1.5890	1.9159
I-132	4.2389	4.5889	4.7656	5.0241
I-132m	1.0843	1.1720	1.3820	1.3987
I-133	1.4596	1.5675	1.6490	1.7509
I-134m	1.9019	2.0053	2.3532	2.3178
I-134	4.3862	4.7668	4.9594	5.1893
I-135	1.9283	2.1032	2.1999	2.2813
In-103	3.1446	3.3857	3.6256	3.6746

Nuclide	avg400	ctr400	mid400	cnr400
In-105	2.7252	2.9192	3.1914	3.2097
In-106	5.1161	5.5476	5.8009	6.1189
In-106m	2.3336	2.5352	2.6547	2.7897
In-107	2.4165	2.5992	2.9073	2.9115
In-108	6.5909	7.1465	7.6183	7.9163
In-108m	2.3591	2.5729	2.7633	2.8799
In-109	2.4244	2.5863	2.9803	2.9459
In-109m	1.3551	1.4593	1.5232	1.6171
In-110	5.9612	6.4829	6.9032	7.2584
In-110m	1.7460	1.8922	2.0357	2.1390
In-111	3.3949	3.5893	4.1682	4.0432
In-111m	1.2536	1.3452	1.4358	1.5248
In-112	0.2175	0.2396	0.3155	0.3200
In-112m	0.5144	0.5565	0.7320	0.7176
In-113m	1.0337	1.1007	1.2503	1.2032
In-114	0.0048	0.0053	0.0065	0.0066
In-114m	0.5475	0.5885	0.7279	0.7178
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.8583	0.9177	1.0687	1.0381
In-116m	3.1073	3.3880	3.5510	3.6588
In-117	2.9016	3.0779	3.3524	3.3659
In-117m	0.6653	0.7070	0.8193	0.7907
In-118m	3.9419	4.2992	4.4715	4.6808
In-118	0.0967	0.1058	0.1104	0.1150
In-119	1.5220	1.6609	1.7837	1.8619
In-119m	0.1505	0.1659	0.2030	0.2035
In-121	1.5968	1.7392	1.8051	1.8965
In-121m	0.4935	0.5246	0.6629	0.6469
Ir-180	3.6678	3.9374	4.5954	4.4998
Ir-182	3.4968	3.7477	4.4553	4.3051
Ir-183	3.4154	3.6945	4.6328	4.4367
Ir-184	5.2734	5.6734	6.6892	6.5279
Ir-185	2.9331	3.2101	4.3609	4.1052
Ir-186	5.1044	5.4820	6.4648	6.2722
Ir-186m	2.9482	3.1893	3.7633	3.6962
Ir-187	1.9957	2.1750	2.9672	2.7817
Ir-188	3.6544	3.9635	4.6920	4.5882
Ir-189	1.2764	1.4025	2.0928	1.9130
Ir-190	5.7407	6.1358	7.0781	6.9672
Ir-190m	0.0624	0.1075	0.3661	0.3139
Ir-190n	1.0680	1.1612	1.6811	1.5385
Ir-191m	1.2662	1.3994	2.0829	1.9076
Ir-192	3.3899	3.6044	3.9647	3.8954

Nuclide	avg400	ctr400	mid400	cnr400
Ir-192m	0.0738	0.1249	0.4094	0.3560
Ir-192n	0.1621	0.2688	0.8608	0.7497
Ir-193m	0.0676	0.1124	0.3686	0.3171
Ir-194	0.3126	0.3331	0.3635	0.3557
Ir-194m	7.1862	7.6828	8.3196	8.4185
Ir-195	1.0355	1.1334	1.6312	1.5145
Ir-195m	2.0248	2.1758	2.6686	2.5571
Ir-196	0.6290	0.6736	0.7282	0.7226
Ir-196m	7.5933	8.1232	8.9298	8.9476
K-38	1.3684	1.5154	1.5816	1.6153
K-40	0.1521	0.1669	0.1782	0.1840
K-42	0.2616	0.2857	0.2986	0.3099
K-43	2.8018	2.9869	3.1817	3.2048
K-44	2.1561	2.3684	2.4628	2.5575
K-45	2.6785	2.8760	3.0903	3.0766
K-46	2.1327	2.3459	2.4448	2.5267
Kr-74	2.1155	2.2580	2.7202	2.6173
Kr-75	1.9863	2.1075	2.4436	2.3368
Kr-76	2.2109	2.4341	3.1638	3.0520
Kr-77	2.1405	2.2575	2.6078	2.4717
Kr-79	0.7873	0.9114	1.3754	1.3239
Kr-81	0.1503	0.2381	0.6576	0.6109
Kr-81m	1.1994	1.2781	1.5276	1.4606
Kr-83m	0.0641	0.1028	0.2940	0.2695
Kr-85	0.0060	0.0064	0.0068	0.0072
Kr-85m	1.4872	1.5678	1.7770	1.6893
Kr-87	1.1419	1.2293	1.3124	1.2986
Kr-88	2.0042	2.1874	2.3650	2.3853
Kr-89	2.4804	2.6852	2.8351	2.9172
La-128	4.5418	4.8704	5.2134	5.3379
La-129	1.7853	1.8796	2.1400	2.1139
La-130	3.2374	3.4723	3.7369	3.7880
La-131	2.2470	2.3609	2.7233	2.6826
La-132	2.8209	3.0290	3.2973	3.3980
La-132m	2.4950	2.6450	2.9966	2.9762
La-133	0.7373	0.7849	1.0785	1.0533
La-134	0.3147	0.3310	0.4131	0.4152
La-135	0.5923	0.6155	0.8260	0.8146
La-136	0.4128	0.4307	0.5678	0.5621
La-137	0.5461	0.5671	0.7711	0.7584
La-138	1.7139	1.8583	2.0379	2.0973
La-140	3.0392	3.2927	3.4647	3.5834
La-141	0.0273	0.0299	0.0312	0.0324

Nuclide	avg400	ctr400	mid400	cnr400
La-142	2.1631	2.3666	2.4602	2.5655
La-143	0.3113	0.3393	0.3532	0.3691
Lu-165	3.4476	3.6712	4.3727	4.2089
Lu-167	3.7369	4.0232	4.7755	4.6695
Lu-169m	0.0449	0.0779	0.2695	0.2297
Lu-169	3.5213	3.7892	4.4927	4.3887
Lu-170	3.4769	3.7871	4.3724	4.3450
Lu-171m	0.0533	0.0882	0.2905	0.2484
Lu-171	2.8801	3.1382	4.0847	3.9322
Lu-172	4.8712	5.2685	6.1011	6.0556
Lu-172m	0.0404	0.0700	0.2423	0.2065
Lu-173	2.5171	2.6750	3.4316	3.2280
Lu-174	1.1551	1.2468	1.7125	1.5951
Lu-174m	1.1688	1.2980	2.0214	1.8444
Lu-176	3.4083	3.6148	4.2413	4.0385
Lu-176m	0.2727	0.3014	0.4516	0.4170
Lu-177	0.3696	0.3903	0.4693	0.4447
Lu-177m	7.4879	7.9127	9.3134	8.8512
Lu-178	0.3170	0.3462	0.4416	0.4257
Lu-178m	6.3010	6.6640	7.6386	7.3515
Lu-179	0.2255	0.2364	0.2659	0.2557
Lu-180	3.1695	3.4170	3.8203	3.7867
Lu-181	2.3068	2.4927	3.0427	2.9679
Mg-27	1.4726	1.6082	1.6603	1.7487
Mg-28	2.3932	2.5699	2.7979	2.8521
Mn-50m	4.8386	5.2833	5.4858	5.7404
Mn-51	0.0086	0.0100	0.0149	0.0143
Mn-52	4.3552	4.7684	5.0524	5.2685
Mn-52m	1.4262	1.5598	1.6328	1.6919
Mn-53	0.0362	0.0628	0.2177	0.1855
Mn-54	1.4822	1.6405	1.8462	1.8981
Mn-56	2.0390	2.2314	2.3112	2.4148
Mn-57	0.4965	0.5671	0.8647	0.8092
Mn-58m	3.2286	3.5203	3.6649	3.8180
Mo-101	2.4909	2.6987	2.9215	2.9953
Mo-102	0.1622	0.1700	0.1901	0.1821
Mo-89	0.3102	0.3399	0.3635	0.3785
Mo-90	3.2703	3.5132	4.2580	4.1140
Mo-91m	1.3550	1.4743	1.5582	1.6323
Mo-91	0.0296	0.0354	0.0573	0.0550
Mo-93	0.2556	0.3246	0.6525	0.6087
Mo-93m	3.8136	4.1284	4.4565	4.5811
Mo-99	0.4599	0.4932	0.5416	0.5432

Nuclide	avg400	ctr400	mid400	cnr400
N-13	0.0000	0.0000	0.0000	0.0000
N-16	0.9450	1.0664	1.1074	1.1133
Na-22	1.4451	1.5837	1.6539	1.7136
Na-24	2.7700	3.0587	3.1830	3.2944
Nb-87	2.2646	2.4083	2.8864	2.7473
Nb-88m	5.1994	5.6386	5.9337	6.1365
Nb-88	6.2740	6.8182	7.3762	7.6189
Nb-89	0.5145	0.5778	0.6850	0.6938
Nb-89m	1.2843	1.3890	1.5323	1.6127
Nb-90	4.3188	4.7303	5.2694	5.2762
Nb-91	0.2423	0.3172	0.6674	0.6220
Nb-91m	0.2544	0.3164	0.5986	0.5623
Nb-92	3.1052	3.4172	3.8780	4.0316
Nb-92m	1.7457	1.9618	2.3654	2.4159
Nb-93m	0.0481	0.0623	0.1315	0.1215
Nb-94m	0.1817	0.2299	0.4560	0.4260
Nb-94	2.8548	3.1026	3.2063	3.3853
Nb-95	1.4301	1.5547	1.6066	1.6902
Nb-95m	0.5941	0.6607	0.9276	0.8856
Nb-96	4.5503	4.9314	5.1435	5.3846
Nb-97	1.4276	1.5382	1.5941	1.6932
Nb-98m	4.4726	4.8623	5.0588	5.2824
Nb-99	2.3367	2.4660	2.8986	2.7711
Nb-99m	0.9527	1.0331	1.1197	1.1377
Nd-134	2.5684	2.6990	3.1007	3.0076
Nd-135	2.9233	3.0894	3.5427	3.4894
Nd-136	2.0238	2.1293	2.5546	2.5120
Nd-137	2.5301	2.6963	3.0511	3.0804
Nd-138	0.7157	0.7512	0.9583	0.9373
Nd-139	0.8147	0.8633	1.0348	1.0282
Nd-139m	4.0645	4.3520	4.7978	4.8830
Nd-140	0.6208	0.6515	0.8472	0.8298
Nd-141	0.6484	0.6813	0.8762	0.8603
Nd-141m	1.3635	1.4793	1.5434	1.6195
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1016	1.1579	1.3322	1.3237
Nd-149	2.2451	2.3626	2.6458	2.5882
Nd-151	2.6873	2.8541	3.1135	3.1003
Nd-152	0.9411	1.0028	1.1743	1.1428
Ne-19	0.0003	0.0003	0.0003	0.0003
Ne-24	1.4875	1.5905	1.6918	1.7519
Ni-56	4.9131	5.2943	5.9375	5.9117
Ni-57	1.7384	1.9124	2.1655	2.1748

Nuclide	avg400	ctr400	mid400	cnr400
Ni-59	0.0628	0.1089	0.3774	0.3216
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6520	0.7109	0.7437	0.7691
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.2018	4.5780	5.5097	5.4399
Np-233	1.3513	1.4628	1.9141	1.8471
Np-234	2.3227	2.5577	3.1944	3.1627
Np-235	0.1639	0.2297	0.5544	0.5103
Np-236	2.3607	2.6531	3.9233	3.7234
Np-236m	0.7147	0.7815	1.0587	1.0198
Np-237	0.6449	0.7567	1.2842	1.2190
Np-238	1.0390	1.1742	1.4608	1.4849
Np-239	2.0612	2.2359	2.9356	2.8102
Np-240	3.1807	3.5146	4.4054	4.3897
Np-240m	0.8263	0.9246	1.1891	1.2014
Np-241	0.5127	0.5565	0.7338	0.7034
Np-242	0.3622	0.4007	0.4536	0.4662
Np-242m	2.5845	2.8903	3.7286	3.6916
O-14	1.3486	1.4976	1.5590	1.5911
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.4600	2.6077	2.8323	2.7826
Os-180	1.4006	1.5456	2.3026	2.1185
Os-181	4.3429	4.6795	5.6562	5.4830
Os-182	2.7242	2.9333	3.7451	3.5807
Os-183	3.9732	4.2449	5.3165	4.9839
Os-183m	2.3473	2.5577	3.0979	3.0362
Os-185	2.3244	2.5117	3.0268	2.9902
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0595	0.1027	0.3516	0.3010
Os-190m	5.6353	6.0453	6.8844	6.8607
Os-191	1.3911	1.5282	2.2271	2.0436
Os-191m	0.1703	0.2200	0.5044	0.4427
Os-193	0.4866	0.5277	0.6962	0.6568
Os-194	0.1056	0.1456	0.3676	0.3255
Os-196	0.5487	0.5841	0.7105	0.6743
P-30	0.0010	0.0011	0.0012	0.0012
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.4159	0.4725	0.7341	0.6923
Pa-228	4.1347	4.5516	5.6811	5.6135
Pa-229	1.1047	1.2130	1.6652	1.6016
Pa-230	2.3180	2.5557	3.2289	3.2004
Pa-231	0.4799	0.5996	1.1670	1.0878

Nuclide	avg400	ctr400	mid400	cnr400
Pa-232	2.2231	2.4590	2.9581	2.9798
Pa-233	1.6757	1.8386	2.4279	2.3232
Pa-234	4.2857	4.7026	5.7284	5.7000
Pa-234m	0.0353	0.0389	0.0465	0.0470
Pa-235	0.0213	0.0369	0.1274	0.1087
Pa-236	1.5822	1.7495	2.0817	2.1168
Pa-237	1.2291	1.3419	1.4656	1.5250
Pb-194	3.5775	3.8563	4.5930	4.5112
Pb-195m	5.0110	5.4319	6.4514	6.3021
Pb-196	3.1358	3.3649	4.1126	3.9977
Pb-197	3.4756	3.7608	4.3584	4.2875
Pb-197m	4.3654	4.7142	5.6381	5.4823
Pb-198	3.0242	3.2459	3.9853	3.8205
Pb-199	2.8738	3.1048	3.6732	3.5860
Pb-200	2.5520	2.7514	3.5534	3.3708
Pb-201	3.2820	3.5305	4.1842	4.0576
Pb-201m	1.2219	1.3217	1.5362	1.5591
Pb-202	0.0636	0.1079	0.3541	0.3081
Pb-202m	4.4194	4.7870	5.1997	5.3093
Pb-203	2.5709	2.7538	3.3910	3.2515
Pb-204m	4.2087	4.5578	4.8349	4.9360
Pb-205	0.0644	0.1092	0.3584	0.3118
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1228	0.1728	0.4259	0.3887
Pb-211	0.1663	0.1790	0.1954	0.1957
Pb-212	1.2860	1.3693	1.6410	1.5901
Pb-214	1.3953	1.4942	1.7590	1.6959
Pd-100	2.2559	2.4157	3.0510	2.9745
Pd-101	1.3952	1.5466	2.0739	2.0513
Pd-103	0.3375	0.3921	0.6513	0.6325
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0789	1.1408	1.3385	1.2837
Pd-109	0.2279	0.2548	0.3778	0.3704
Pd-111	0.1009	0.1085	0.1168	0.1201
Pd-112	0.1215	0.1490	0.2816	0.2659
Pd-114	0.2063	0.2163	0.2411	0.2316
Pd-96	3.1122	3.3495	3.7460	3.7731
Pd-97	2.8491	3.0799	3.3615	3.4200
Pd-98	2.2664	2.4246	2.9130	2.8656
Pd-99	2.5384	2.7130	3.0865	3.0268
Pm-136	4.3594	4.6823	4.9678	5.0531
Pm-137m	4.6278	4.8960	5.4422	5.4057
Pm-139	0.7454	0.7930	0.9017	0.8923

Nuclide	avg400	ctr400	mid400	cnr400
Pm-140m	4.6569	5.0344	5.3382	5.4849
Pm-140	0.3050	0.3283	0.3622	0.3704
Pm-141	0.5854	0.6252	0.7385	0.7375
Pm-142	0.2146	0.2282	0.2774	0.2756
Pm-143	1.1986	1.2797	1.4971	1.5103
Pm-144	4.1226	4.4201	4.7763	4.9795
Pm-145	0.6742	0.7112	0.9221	0.8980
Pm-146	2.1763	2.3291	2.5614	2.6137
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8321	0.9028	0.9423	0.9919
Pm-148m	4.7077	5.0578	5.3201	5.5774
Pm-149	0.0560	0.0595	0.0668	0.0653
Pm-150	2.6381	2.8455	3.0184	3.0443
Pm-151	1.7461	1.8461	2.0743	2.0245
Pm-152m	4.2368	4.5136	4.9421	4.9187
Pm-152	0.7523	0.8042	0.8815	0.8832
Pm-153	0.9726	1.0212	1.2077	1.1594
Pm-154	2.2949	2.4991	2.6968	2.7584
Pm-154m	3.9336	4.2108	4.6183	4.6280
Po-203	3.8157	4.1518	4.8153	4.8250
Po-204	4.8764	5.3212	6.6372	6.5049
Po-205	3.6797	4.0070	4.6056	4.6425
Po-206	4.0645	4.4456	5.4243	5.3829
Po-207	3.3372	3.6282	4.1694	4.1984
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0275	0.0316	0.0488	0.0458
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0162	0.0175	0.0183	0.0194
Po-212m	0.0632	0.0693	0.0723	0.0754
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0002	0.0002	0.0002
Po-215	0.0006	0.0006	0.0007	0.0007
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	5.9534	6.3713	6.8309	6.8941
Pr-134m	2.6638	2.8596	3.0780	3.0881
Pr-135	1.7920	1.8893	2.1808	2.1612
Pr-136	2.9274	3.1504	3.3748	3.5394
Pr-137	0.6234	0.6570	0.8172	0.8105
Pr-138	0.2144	0.2268	0.2792	0.2788
Pr-138m	4.9806	5.3680	5.7867	5.9103
Pr-139	0.5827	0.6099	0.7943	0.7812

Nuclide	avg400	ctr400	mid400	cnr400
Pr-140	0.3101	0.3245	0.4229	0.4158
Pr-142	0.0520	0.0568	0.0593	0.0617
Pr-142m	0.0028	0.0049	0.0171	0.0146
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0329	0.0358	0.0372	0.0389
Pr-144m	0.2575	0.2778	0.4016	0.3851
Pr-145	0.0422	0.0455	0.0493	0.0508
Pr-146	1.5279	1.6508	1.7410	1.7940
Pr-147	2.1918	2.3223	2.6780	2.6611
Pr-148	1.9839	2.1314	2.2733	2.2894
Pr-148m	2.9183	3.1100	3.3429	3.3420
Pt-184	5.4857	5.9065	7.6246	7.2073
Pt-186	2.9025	3.1348	3.8824	3.7695
Pt-187	3.4006	3.6661	4.7214	4.4756
Pt-188	2.2773	2.4556	3.2926	3.0598
Pt-189	3.0536	3.3042	4.3420	4.1159
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.6769	2.8894	3.8632	3.6186
Pt-193	0.0664	0.1132	0.3766	0.3259
Pt-193m	0.2670	0.3302	0.6785	0.6056
Pt-195m	1.4293	1.6082	2.5497	2.3404
Pt-197	0.4053	0.4589	0.7120	0.6632
Pt-197m	0.9551	1.0820	1.7137	1.5734
Pt-199	0.7073	0.7590	0.8607	0.8649
Pt-200	0.8115	0.8917	1.2617	1.1798
Pt-202	0.0000	0.0000	0.0000	0.0000
Pu-232	1.0012	1.0833	1.4207	1.3679
Pu-234	1.1029	1.1998	1.6053	1.5427
Pu-235	1.4193	1.5548	2.1288	2.0425
Pu-236	0.0527	0.0726	0.1690	0.1568
Pu-237	0.8907	0.9943	1.4573	1.3872
Pu-238	0.0483	0.0667	0.1559	0.1446
Pu-239	0.0251	0.0360	0.0914	0.0829
Pu-240	0.0456	0.0628	0.1467	0.1360
Pu-241	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0391	0.0539	0.1258	0.1167
Pu-243	0.4216	0.4561	0.5910	0.5712
Pu-244	0.0624	0.0769	0.1385	0.1316
Pu-245	1.5351	1.6484	1.8873	1.8639
Pu-246	1.7581	1.8916	2.4256	2.3265
Ra-219	1.0125	1.0814	1.2484	1.2076
Ra-220	0.0142	0.0151	0.0163	0.0167
Ra-221	0.5226	0.5857	0.8525	0.8047

Nuclide	avg400	ctr400	mid400	cnr400
Ra-222	0.0446	0.0474	0.0524	0.0504
Ra-223	1.4221	1.5330	1.9285	1.8559
Ra-224	0.0716	0.0757	0.0869	0.0848
Ra-225	0.3131	0.3490	0.5156	0.4981
Ra-226	1.4981	1.6212	1.6660	1.7331
Ra-227	0.9807	1.1143	1.6592	1.5892
Ra-228	1.5040	1.6146	1.6136	1.8139
Ra-230	0.6919	0.7479	0.9590	0.9229
Rb-77	2.0654	2.1981	2.5059	2.4551
Rb-78m	3.5614	3.8491	4.0676	4.1982
Rb-78	2.6525	2.8995	3.0841	3.1771
Rb-79	2.4176	2.6011	3.0143	2.9712
Rb-80	0.4134	0.4457	0.4692	0.4981
Rb-81	0.7187	0.8245	1.1504	1.1480
Rb-81m	0.2330	0.3027	0.5881	0.5750
Rb-82	0.2400	0.2646	0.2910	0.3030
Rb-82m	4.8681	5.3357	5.8463	6.1092
Rb-83	1.4204	1.6012	2.0750	2.1398
Rb-84	1.1346	1.2901	1.5940	1.6392
Rb-84m	1.9583	2.0878	2.4008	2.3717
Rb-86m	1.3691	1.4694	1.5470	1.6473
Rb-86	0.1282	0.1404	0.1453	0.1531
Rb-87	0.0000	0.0000	0.0000	0.0000
Rb-88	0.5706	0.6264	0.6515	0.6766
Rb-89	2.4493	2.6857	2.7886	2.9122
Rb-90	1.3036	1.4367	1.4850	1.5449
Rb-90m	2.9857	3.2775	3.4034	3.5518
Re-178	3.0803	3.3241	4.0352	3.9124
Re-179	3.8477	4.1255	4.9502	4.7691
Re-180	3.1487	3.4238	4.1676	4.0821
Re-181	3.6456	3.9218	4.8665	4.6287
Re-182	7.4074	7.9366	9.6715	9.2535
Re-182m	3.6673	3.9579	4.8896	4.7062
Re-183	2.3899	2.5903	3.6290	3.3425
Re-184	2.8350	3.0747	3.7402	3.6513
Re-184m	2.3984	2.6009	3.4491	3.2488
Re-186	0.3001	0.3215	0.4213	0.3901
Re-186m	0.4482	0.5765	1.3093	1.1531
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3948	0.4212	0.5050	0.4804
Re-188m	1.3355	1.4720	2.2321	2.0354
Re-189	0.4299	0.4601	0.5740	0.5446
Re-190	4.3571	4.6429	5.0789	5.0679

Nuclide	avg400	ctr400	mid400	cnr400
Re-190m	3.5170	3.7643	4.3575	4.2754
Rh-100m	0.6444	0.7231	1.0837	1.0583
Rh-100	3.6374	3.9829	4.4219	4.5664
Rh-101	2.9266	3.1058	3.7057	3.5373
Rh-101m	1.6396	1.7762	2.1789	2.1088
Rh-102	1.0626	1.1609	1.3932	1.4172
Rh-102m	4.7898	5.1991	5.7049	5.9197
Rh-103m	0.0406	0.0496	0.0954	0.0896
Rh-104	0.0311	0.0335	0.0364	0.0384
Rh-104m	0.9320	1.0061	1.3552	1.3058
Rh-105	0.3725	0.3949	0.4301	0.4147
Rh-106	0.4780	0.5135	0.5387	0.5731
Rh-106m	5.3255	5.7512	6.0347	6.2947
Rh-107	1.4372	1.5221	1.6595	1.6096
Rh-108	0.8960	0.9560	1.0201	1.0367
Rh-109	1.5624	1.6535	1.8337	1.7743
Rh-94	3.4177	3.7224	3.8949	4.0376
Rh-95	2.2905	2.5122	2.6839	2.7933
Rh-95m	1.3745	1.4839	1.5826	1.6724
Rh-96	5.5134	5.9904	6.2916	6.6097
Rh-96m	1.2866	1.4179	1.5833	1.6332
Rh-97	1.8691	2.0210	2.2609	2.2576
Rh-97m	3.0075	3.2688	3.6951	3.7012
Rh-98	1.6324	1.7661	1.8586	1.9616
Rh-99	2.3408	2.5359	3.0820	3.0572
Rh-99m	1.9388	2.1048	2.5012	2.4587
Rn-207	2.9721	3.1994	3.6538	3.6294
Rn-209	3.2810	3.5396	4.0579	4.0253
Rn-210	0.2258	0.2453	0.2938	0.2924
Rn-211	4.1522	4.5113	5.0828	5.1644
Rn-212	0.0007	0.0008	0.0008	0.0008
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0018	0.0019	0.0020	0.0021
Rn-219	0.2904	0.3079	0.3463	0.3359
Rn-220	1.5395	1.6327	1.6759	1.8683
Rn-222	0.0011	0.0011	0.0012	0.0013
Rn-223	1.3304	1.4744	1.9365	1.8985
Ru-103	1.3608	1.4568	1.5452	1.6380
Ru-105	1.9543	2.1015	2.2626	2.3161
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8245	0.8829	0.9468	0.9548

Nuclide	avg400	ctr400	mid400	cnr400
Ru-108	0.6888	0.7260	0.8346	0.7948
Ru-92	6.0709	6.4897	7.6298	7.4327
Ru-94	1.7721	1.9355	2.3543	2.2936
Ru-95	2.5905	2.8196	3.2370	3.2282
Ru-97	1.9091	2.0506	2.5365	2.4403
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.2626	1.4063	1.4566	1.5318
S-38	1.2055	1.3288	1.3902	1.4246
Sb-111	2.3280	2.4752	2.7259	2.7129
Sb-113	1.6774	1.7987	1.9675	2.0443
Sb-114	2.3164	2.5315	2.6771	2.7680
Sb-115	1.6720	1.7962	2.0040	2.1021
Sb-116	2.0417	2.2382	2.4071	2.4901
Sb-116m	5.7978	6.2603	6.8065	6.9671
Sb-117	1.8967	2.0088	2.3818	2.2971
Sb-118	0.1662	0.1816	0.2316	0.2352
Sb-118m	5.4246	5.8582	6.4875	6.6227
Sb-119	0.4805	0.5310	0.7783	0.7745
Sb-120	0.2620	0.2863	0.3923	0.3952
Sb-120m	6.1345	6.5726	7.1879	7.2719
Sb-122m	1.3821	1.4561	1.8549	1.7779
Sb-122	1.0756	1.1548	1.2130	1.2902
Sb-124	2.6627	2.8820	3.0027	3.1637
Sb-124m	1.0611	1.1444	1.2293	1.2977
Sb-124n	0.0099	0.0173	0.0597	0.0509
Sb-125	1.5700	1.6719	1.8891	1.9131
Sb-126	6.1334	6.6021	6.9094	7.1853
Sb-126m	3.6664	3.9365	4.1452	4.2723
Sb-127	1.7193	1.8451	1.9547	2.0260
Sb-128	6.8224	7.3547	7.6981	8.0060
Sb-128m	4.4352	4.7798	5.0246	5.1515
Sb-129	2.3753	2.5802	2.6870	2.8103
Sb-130m	5.1316	5.5607	5.8249	6.0313
Sb-130	7.3578	7.9189	8.3898	8.5413
Sb-131	2.9760	3.2378	3.3740	3.5211
Sb-133	3.1233	3.4134	3.5565	3.6962
Sc-42m	4.2490	4.6071	4.8574	4.9784
Sc-43	0.3230	0.3435	0.3824	0.3648
Sc-44	1.4819	1.6245	1.6919	1.7679
Sc-44m	1.3686	1.4455	1.5963	1.5638
Sc-46	2.9380	3.2145	3.3245	3.4970
Sc-47	1.1444	1.1999	1.3383	1.2683
Sc-48	4.5527	4.9807	5.1694	5.4184

Nuclide	avg400	ctr400	mid400	cnr400
Sc-49	0.0008	0.0009	0.0010	0.0010
Sc-50	4.1364	4.4985	4.6986	4.9357
Se-70	1.6873	1.9116	2.9131	2.7102
Se-71	1.6160	1.7313	1.8932	1.8757
Se-72	0.7704	0.9241	1.7510	1.5960
Se-73	2.3903	2.5579	3.1235	2.9447
Se-73m	0.2512	0.2865	0.4308	0.4069
Se-75	2.9364	3.1744	4.0518	3.8276
Se-77m	0.9565	1.0409	1.3624	1.2760
Se-79m	0.2558	0.3337	0.7242	0.6646
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0283	0.0301	0.0324	0.0325
Se-81m	0.3160	0.3959	0.7928	0.7310
Se-83m	1.4506	1.5768	1.6478	1.7052
Se-83	4.8458	5.2160	5.5307	5.6365
Se-84	1.4130	1.4983	1.6264	1.5732
Si-31	0.0010	0.0011	0.0012	0.0012
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.3229	2.4761	2.7181	2.7200
Sm-140	1.4806	1.5723	1.8292	1.8035
Sm-141	2.0009	2.1394	2.3608	2.3436
Sm-141m	4.2820	4.5715	5.0158	5.0291
Sm-142	0.6432	0.6796	0.8658	0.8444
Sm-143	0.4359	0.4625	0.5751	0.5651
Sm-143m	1.3599	1.4751	1.5419	1.6162
Sm-145	1.3667	1.4400	1.8278	1.7729
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0004	0.0006	0.0017	0.0015
Sm-153	1.1437	1.1984	1.4287	1.3868
Sm-155	1.4467	1.5027	1.6803	1.6407
Sm-156	1.2459	1.3165	1.5643	1.5002
Sm-157	2.1598	2.2724	2.5340	2.4555
Sn-106	3.1943	3.4201	3.8390	3.8431
Sn-108	3.1006	3.2987	3.7613	3.6972
Sn-109	2.8510	3.1137	3.4136	3.5104
Sn-110	1.8494	1.9706	2.3101	2.2659
Sn-111	0.4639	0.5102	0.6525	0.6607
Sn-113	0.4108	0.4523	0.6436	0.6427
Sn-113m	0.2790	0.3066	0.4413	0.4401
Sn-117m	1.8458	1.9526	2.3026	2.2120
Sn-119m	0.3110	0.3487	0.5341	0.5263

Nuclide	avg400	ctr400	mid400	cnr400
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1084	0.1198	0.1842	0.1793
Sn-123	0.0094	0.0103	0.0107	0.0113
Sn-123m	1.4997	1.5741	1.7738	1.6865
Sn-125m	1.4924	1.5824	1.7208	1.6581
Sn-125	0.4827	0.5269	0.5476	0.5720
Sn-126	1.0086	1.0636	1.2912	1.2599
Sn-127m	1.3596	1.4571	1.5446	1.6269
Sn-127	3.0359	3.2918	3.4650	3.5839
Sn-128	2.8527	3.0379	3.5504	3.5987
Sn-129	1.8545	2.0029	2.0827	2.1958
Sn-130	3.7092	3.9367	4.3655	4.3388
Sn-130m	2.2040	2.3617	2.5950	2.6275
Sr-79	1.3679	1.4660	1.7686	1.7293
Sr-80	1.1594	1.3023	1.6975	1.7143
Sr-81	2.2509	2.3931	2.6805	2.6209
Sr-82	0.1728	0.2568	0.6107	0.5958
Sr-83	1.3316	1.5318	2.0778	2.0822
Sr-85	1.4912	1.6704	2.1104	2.1927
Sr-85m	1.5946	1.6856	1.9361	1.8757
Sr-87m	1.1810	1.2632	1.4348	1.3712
Sr-89	0.0001	0.0002	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.1924	1.2976	1.3436	1.4170
Sr-92	1.4813	1.6178	1.6937	1.7532
Sr-93	3.8230	4.1426	4.3996	4.5604
Sr-94	1.4815	1.6194	1.6900	1.7568
Ta-170	1.5416	1.6588	2.0640	1.9872
Ta-172	3.6543	3.9348	4.6457	4.5411
Ta-173	2.5709	2.7722	3.6294	3.4167
Ta-174	2.8169	3.0178	3.7332	3.5587
Ta-175	3.7791	4.0489	4.9105	4.7165
Ta-176	3.6865	4.0092	4.7343	4.6694
Ta-177	1.1704	1.2541	1.7112	1.5818
Ta-178	1.1993	1.2914	1.7785	1.6476
Ta-178m	7.5214	7.9702	9.3672	8.9546
Ta-179	0.5296	0.5831	0.8895	0.8096
Ta-180	0.9668	1.0401	1.4513	1.3378
Ta-182	3.2707	3.5245	4.1294	4.0453
Ta-182m	3.2262	3.4705	4.5754	4.2418
Ta-183	2.9628	3.1859	4.1820	3.9127
Ta-184	5.3155	5.7016	6.5359	6.4141
Ta-185	1.6654	1.7951	2.3783	2.2118

Nuclide	avg400	ctr400	mid400	cnr400
Ta-186	5.2320	5.5698	6.1846	6.1484
Tb-146	3.0747	3.3522	3.5532	3.6768
Tb-147m	1.9988	2.1720	2.4065	2.4387
Tb-147	3.6906	3.9791	4.3506	4.4107
Tb-148m	6.5335	7.0354	7.5278	7.6944
Tb-148	2.8266	3.0686	3.2838	3.3963
Tb-149m	2.7892	3.0097	3.2926	3.3697
Tb-149	3.3129	3.5471	3.9504	3.9210
Tb-150m	6.5463	7.0129	7.5587	7.7805
Tb-150	3.2349	3.4985	3.8023	3.9167
Tb-151	4.3009	4.5650	5.1869	5.1281
Tb-151m	0.5534	0.6335	1.0281	0.9475
Tb-152m	3.8070	4.0459	4.6874	4.5615
Tb-152	2.9382	3.1498	3.5129	3.4800
Tb-153	2.5420	2.6918	3.2066	3.1070
Tb-154	3.4167	3.6922	4.1260	4.1393
Tb-155	2.5087	2.6413	3.1631	3.0489
Tb-156	5.0960	5.4583	6.1186	6.1358
Tb-156m	0.8076	0.8417	1.0085	0.9623
Tb-156n	0.1035	0.1287	0.2702	0.2409
Tb-157	0.1272	0.1516	0.2883	0.2607
Tb-158	2.4206	2.6100	3.0241	3.0206
Tb-160	2.4700	2.6683	2.9208	2.9540
Tb-161	0.7484	0.8122	1.1379	1.0772
Tb-162	3.2708	3.5032	3.8361	3.8560
Tb-163	2.7552	2.9312	3.1960	3.1746
Tb-164	5.4222	5.8292	6.3302	6.4187
Tb-165	1.1975	1.3068	1.4425	1.4704
Tc-101	1.5802	1.6742	1.8232	1.7746
Tc-102m	3.5872	3.8829	4.0760	4.2476
Tc-102	0.1644	0.1769	0.1868	0.1945
Tc-104	3.4607	3.7286	3.9632	3.9979
Tc-105	2.6393	2.8093	3.1080	3.0742
Tc-91	1.2825	1.4103	1.4918	1.5395
Tc-91m	0.9215	0.9933	1.0590	1.1199
Tc-92	5.7745	6.2031	6.7056	6.7108
Tc-93	1.7050	1.9022	2.2598	2.2871
Tc-93m	1.3352	1.4530	1.6682	1.6286
Tc-94	4.7840	5.2435	5.7003	5.9406
Tc-94m	1.7679	1.9458	2.1034	2.1883
Tc-95	1.7309	1.9251	2.2993	2.3447
Tc-95m	2.4249	2.6289	3.1130	3.0919
Tc-96	4.6622	5.1222	5.6024	5.8094

Nuclide	avg400	ctr400	mid400	cnr400
Tc-96m	0.2212	0.2607	0.4244	0.4097
Tc-97	0.2712	0.3359	0.6432	0.6059
Tc-97m	0.2245	0.2714	0.4946	0.4702
Tc-98	2.8851	3.1188	3.2286	3.4172
Tc-99	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.5126	1.5854	1.7919	1.6963
Te-113	1.5875	1.7342	1.8217	1.8940
Te-114	2.4740	2.6646	3.0561	3.0921
Te-115	2.4212	2.6252	2.8084	2.8995
Te-115m	2.7356	2.9815	3.1714	3.2989
Te-116	1.2912	1.3698	1.7144	1.7101
Te-117	1.9659	2.1385	2.3385	2.4307
Te-118	0.4128	0.4454	0.6244	0.6243
Te-119	1.8722	2.0181	2.2553	2.3550
Te-119m	3.6026	3.8670	4.3068	4.3065
Te-121	1.8178	1.9520	2.2095	2.3105
Te-121m	1.7160	1.8067	2.1123	2.0517
Te-123	0.0093	0.0157	0.0528	0.0452
Te-123m	1.7059	1.7975	2.1122	2.0198
Te-125m	0.7560	0.8065	1.1247	1.1177
Te-127	0.0183	0.0194	0.0213	0.0207
Te-127m	0.2369	0.2558	0.3731	0.3668
Te-129	0.2706	0.2944	0.3832	0.3794
Te-129m	0.2304	0.2484	0.3320	0.3325
Te-131	1.8985	2.0074	2.2158	2.1708
Te-131m	3.1515	3.3931	3.6308	3.7144
Te-132	2.0982	2.1984	2.5737	2.5131
Te-133	2.4674	2.6495	2.8274	2.8277
Te-133m	3.5840	3.8700	4.1135	4.2390
Te-134	3.2194	3.4168	3.7301	3.7453
Th-223	1.1356	1.2409	1.6677	1.5995
Th-224	0.2129	0.2277	0.2772	0.2639
Th-226	0.1201	0.1371	0.2125	0.2007
Th-227	1.1419	1.2893	1.9037	1.8070
Th-228	0.0644	0.0826	0.1694	0.1575
Th-229	1.4902	1.6929	2.5944	2.4580
Th-230	1.2062	1.2873	1.2807	1.2551
Th-231	0.5441	0.6841	1.3522	1.2687
Th-232	1.4219	1.5433	1.6612	1.6780
Th-233	0.2443	0.2818	0.4483	0.4241
Th-234	0.1917	0.2154	0.3268	0.3080
Th-235	0.1485	0.1598	0.1757	0.1782
Th-236	0.2404	0.2628	0.3436	0.3320

Nuclide	avg400	ctr400	mid400	cnr400
Ti-44	2.5411	2.6473	3.0393	2.9217
Ti-45	0.0076	0.0102	0.0232	0.0207
Ti-51	1.5286	1.6237	1.7560	1.7037
Ti-52	1.7327	1.8295	2.1694	2.0456
Tl-190	2.0890	2.2391	2.5440	2.5030
Tl-190m	5.4916	5.8996	6.4878	6.5547
Tl-194	2.2066	2.3692	2.7790	2.7245
Tl-194m	7.0297	7.5643	8.5369	8.5813
Tl-195	2.8636	3.1440	3.9535	3.8659
Tl-196	3.6200	3.9085	4.4797	4.4342
Tl-197	2.2462	2.4251	3.0430	2.9260
Tl-198	3.9708	4.2929	4.9310	4.8665
Tl-198m	4.5157	4.8704	5.7488	5.6920
Tl-199	2.1508	2.3150	2.9589	2.8199
Tl-200	3.6971	3.9853	4.6281	4.5299
Tl-201	1.5822	1.7229	2.3761	2.2275
Tl-202	2.3870	2.5633	3.1170	3.0148
Tl-204	0.0238	0.0262	0.0376	0.0352
Tl-206m	7.3493	7.8605	8.6246	8.6861
Tl-206	0.0013	0.0014	0.0018	0.0017
Tl-207	0.0039	0.0043	0.0045	0.0047
Tl-208	3.2780	3.5755	3.7673	3.9183
Tl-209	4.4268	4.7256	5.1538	5.1718
Tl-210	4.6237	5.0325	5.4990	5.5711
Tm-161	4.6585	4.9613	6.0060	5.7776
Tm-162	2.6545	2.8680	3.2802	3.2663
Tm-163	4.0648	4.3436	5.1131	4.9962
Tm-164	1.0603	1.1395	1.4029	1.3562
Tm-165	3.1785	3.3793	4.0302	3.8976
Tm-166	3.9804	4.3005	4.9396	4.9089
Tm-167	1.8717	1.9933	2.5519	2.4040
Tm-168	4.5931	4.9144	5.6400	5.5630
Tm-170	0.0802	0.0879	0.1272	0.1182
Tm-171	0.0130	0.0140	0.0197	0.0182
Tm-172	0.7713	0.8447	1.0058	0.9961
Tm-173	1.4390	1.5263	1.7008	1.6260
Tm-174	6.0767	6.4920	7.2717	7.1366
Tm-175	2.5041	2.6991	2.9250	3.0157
Tm-176	4.2454	4.5649	5.1221	5.0644
U-227	1.1985	1.3046	1.7100	1.6470
U-228	0.0884	0.1074	0.1960	0.1838
U-230	0.0647	0.0865	0.1911	0.1771
U-231	1.5639	1.8026	2.8776	2.7405

Nuclide	avg400	ctr400	mid400	cnr400
U-232	0.0527	0.0734	0.1738	0.1606
U-233	0.0278	0.0388	0.0921	0.0851
U-234	1.1796	1.2581	1.2466	1.1301
U-235	1.7185	1.8435	1.8121	2.0260
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0418	0.0590	0.1423	0.1315
U-237	1.9883	2.1672	2.9554	2.8047
U-238	1.1259	1.2117	1.2768	1.2789
U-239	0.7914	0.8428	1.0400	1.0032
U-240	0.1931	0.2457	0.5013	0.4659
U-242	0.3005	0.3181	0.3785	0.3657
V-47	0.0103	0.0117	0.0160	0.0153
V-48	3.0721	3.3728	3.5495	3.7069
V-49	0.0245	0.0426	0.1475	0.1257
V-50	1.4286	1.5729	1.7252	1.7733
V-52	1.4334	1.5681	1.6377	1.6999
V-53	1.5136	1.6573	1.7121	1.8090
W-177	4.9213	5.2710	6.5370	6.2297
W-178	0.3392	0.3886	0.6727	0.6039
W-179	1.1355	1.2452	1.8922	1.7335
W-179m	0.8587	0.9289	1.3082	1.2031
W-181	0.8187	0.8893	1.2936	1.1826
W-185m	0.4689	0.5762	1.1712	1.0372
W-185	0.0009	0.0009	0.0012	0.0011
W-187	1.5806	1.6908	1.9270	1.9258
W-188	0.0138	0.0147	0.0182	0.0172
W-190	2.2485	2.4055	3.1736	2.9330
Xe-120	2.1364	2.2692	2.7246	2.7184
Xe-121	1.9216	2.0542	2.3114	2.3131
Xe-122	0.7352	0.7757	1.0001	0.9842
Xe-123	1.9712	2.0832	2.4252	2.3655
Xe-125	2.2638	2.3778	2.8246	2.7581
Xe-127	2.4869	2.6080	3.0485	2.9457
Xe-127m	2.1413	2.2363	2.5884	2.4768
Xe-129m	0.9951	1.0437	1.4025	1.3848
Xe-131m	0.4066	0.4287	0.5916	0.5815
Xe-133	0.8957	0.9314	1.1112	1.0968
Xe-133m	0.5374	0.5648	0.7375	0.7259
Xe-135	1.4583	1.5323	1.7012	1.6773
Xe-135m	1.1936	1.2768	1.3763	1.4565
Xe-137	0.4819	0.5148	0.5506	0.5604
Xe-138	1.8015	1.9423	2.1587	2.1441
Y-81	1.7479	1.8727	2.2884	2.1956

Nuclide	avg400	ctr400	mid400	cnr400
Y-83	0.9351	1.0507	1.3713	1.3804
Y-83m	1.2516	1.3446	1.5857	1.5581
Y-84m	4.7359	5.1719	5.3845	5.6617
Y-85	1.0475	1.1482	1.3291	1.3892
Y-85m	1.1582	1.2786	1.5031	1.5204
Y-86	4.7400	5.2010	5.6638	5.8713
Y-86m	1.6258	1.7057	1.9148	1.8421
Y-87	1.4304	1.5989	2.0485	2.0877
Y-87m	1.1474	1.2286	1.4040	1.3415
Y-88	2.9618	3.3107	3.7936	3.8978
Y-89m	1.4591	1.5953	1.6483	1.7395
Y-90	0.0000	0.0000	0.0001	0.0001
Y-90m	2.9279	3.0948	3.4041	3.3811
Y-91	0.0038	0.0042	0.0043	0.0045
Y-91m	1.3325	1.4321	1.5189	1.6145
Y-92	0.3840	0.4183	0.4349	0.4563
Y-93	0.1956	0.2094	0.2256	0.2268
Y-94	1.1404	1.2452	1.2895	1.3557
Y-95	0.8522	0.9378	0.9749	1.0114
Yb-162	2.5587	2.7100	3.2995	3.1292
Yb-163	1.7190	1.8606	2.3551	2.2603
Yb-164	0.9514	1.0144	1.3449	1.2587
Yb-165	2.4856	2.6861	3.6238	3.4069
Yb-166	1.8147	1.9308	2.5327	2.3757
Yb-167	4.1185	4.3752	5.5816	5.2482
Yb-169	4.7239	4.9953	6.2621	5.8789
Yb-175	0.2200	0.2326	0.2689	0.2558
Yb-177	0.8001	0.8509	0.9792	0.9447
Yb-178	0.1571	0.1674	0.1913	0.1819
Yb-179	2.6976	2.8883	3.1101	3.2037
Zn-60	1.6221	1.7329	1.8996	1.9193
Zn-61	0.6309	0.6855	0.7262	0.7515
Zn-62	1.2325	1.3716	1.8479	1.8191
Zn-63	0.2506	0.2762	0.3116	0.3218
Zn-65	0.8299	0.9626	1.3478	1.3160
Zn-69	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.3098	1.3963	1.5240	1.5159
Zn-71	0.7489	0.8040	0.8497	0.8882
Zn-71m	4.2334	4.5226	4.8098	4.9155
Zn-72	1.8181	1.9828	2.6900	2.4896
Zr-85	1.2555	1.3487	1.4710	1.4784
Zr-86	2.1159	2.3449	3.2031	3.1112
Zr-87	0.1433	0.1675	0.2365	0.2351

Nuclide	avg400	ctr400	mid400	cnr400
Zr-88	1.5751	1.7346	2.2210	2.1150
Zr-89	1.6419	1.8403	2.1677	2.2322
Zr-89m	1.3649	1.4720	1.5663	1.6587
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4113	1.5313	1.5833	1.6693
Zr-97	1.6741	1.8157	1.8908	1.9849

Table 7: Composite 2 - 5 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.3000	0.2991	0.3958	0.5015	0.2902	0.2154	0.2857	0.3525
Ac-224	3.0141	3.0611	3.2615	3.9103	2.9666	2.3822	2.6832	3.3450
Ac-225	0.4148	0.4247	0.5426	0.7098	0.3970	0.2882	0.3735	0.4417
Ac-226	1.4179	1.3780	1.4899	1.7345	1.4244	1.1527	1.2138	1.5415
Ac-227	0.0850	0.0836	0.1387	0.1847	0.0807	0.0522	0.0844	0.1032
Ac-228	2.3135	2.1337	2.3417	2.6135	2.3418	2.0317	2.1809	3.3214
Ac-230	1.0060	0.9138	1.0306	1.1673	1.0190	0.8785	0.9732	1.5051
Ac-231	3.2454	3.1015	3.1905	3.5906	3.2708	2.7049	2.8380	3.7214
Ac-232	1.5932	1.4221	1.5986	1.7678	1.6333	1.4460	1.5718	2.6285
Ac-233	1.6005	1.4403	1.5113	1.5569	1.6172	1.4748	1.7454	2.4086
Ag-100m	2.7858	2.4634	2.5323	2.4682	2.9033	2.7422	2.9752	5.0127
Ag-101	2.4351	2.2113	2.2247	2.2959	2.4530	2.1979	2.3544	3.3247
Ag-102m	1.7600	1.5250	1.6103	1.6255	1.8312	1.6761	1.8166	3.0412
Ag-102	4.2888	3.7940	3.9048	3.8719	4.4244	4.1190	4.5150	7.2761
Ag-103	2.6317	2.4891	2.5144	2.6985	2.5816	2.1674	2.2630	3.0596
Ag-104	5.4112	4.8347	4.9819	5.0021	5.4546	5.0613	5.5643	8.6425
Ag-104m	2.2378	1.9920	2.0468	2.1109	2.2519	2.0505	2.3358	3.4149
Ag-105	3.0505	2.7815	2.8139	3.0817	2.9337	2.5067	2.7640	3.3605
Ag-105m	0.0313	0.0292	0.0551	0.0676	0.0305	0.0204	0.0352	0.0479
Ag-106	0.6244	0.5672	0.5928	0.6749	0.5721	0.4826	0.5858	0.6584
Ag-106m	6.6627	5.9562	6.1084	6.2071	6.7035	6.1383	6.7540	10.0957
Ag-108	0.0615	0.0560	0.0574	0.0621	0.0590	0.0523	0.0618	0.0804
Ag-108m	5.1454	4.6711	4.7421	4.8531	5.0898	4.6552	5.3301	7.4921
Ag-109m	0.4592	0.4182	0.4492	0.5603	0.3776	0.3025	0.3835	0.3440
Ag-110	0.0742	0.0674	0.0676	0.0668	0.0760	0.0721	0.0830	0.1262
Ag-110m	4.8955	4.3629	4.4559	4.2738	5.0894	4.8615	5.2297	8.7657
Ag-111	0.1402	0.1260	0.1241	0.1282	0.1425	0.1224	0.1255	0.1691
Ag-111m	0.2571	0.2308	0.2618	0.3277	0.2151	0.1710	0.2167	0.2034
Ag-112	1.1220	0.9985	1.0138	0.9986	1.1714	1.1017	1.2262	1.9744
Ag-113m	1.0176	0.9182	0.9307	0.9737	1.0220	0.8820	0.9400	1.2783
Ag-113	0.3067	0.2756	0.2715	0.2791	0.3142	0.2735	0.2813	0.3912
Ag-114	0.4801	0.4264	0.4330	0.4302	0.4951	0.4618	0.5206	0.7954
Ag-115	1.0343	0.9279	0.9432	0.9994	1.0788	0.9598	0.9726	1.4995
Ag-116	2.7423	2.3953	2.4752	2.4492	2.8712	2.6558	2.8954	4.6907
Ag-117	2.0036	1.7960	1.8371	1.8529	2.0797	1.8275	1.8355	3.0097
Ag-99	2.9602	2.6490	2.6953	2.7059	3.0541	2.7695	2.8498	4.4580
Al-26	1.3986	1.1519	1.2530	1.2310	1.5022	1.3873	1.3631	2.7703
Al-28	1.3634	1.1236	1.2207	1.2011	1.4691	1.3517	1.3252	2.7010
Al-29	1.4215	1.2264	1.2800	1.2300	1.5384	1.4273	1.4449	2.7055
Am-237	3.4328	3.4005	3.6507	4.2104	3.3770	2.6665	2.8732	3.8232
Am-238	3.2888	3.1993	3.4591	3.9026	3.2705	2.7104	2.9113	4.3430
Am-239	3.8677	3.9451	4.3800	5.2608	3.7639	2.8396	3.1199	4.0935

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-240	3.5701	3.4356	3.8073	4.3628	3.5399	2.9402	3.1383	4.7104
Am-241	0.9921	1.0426	0.9439	0.9198	1.0312	1.0770	0.9627	0.9740
Am-242	0.5880	0.5922	0.7148	0.9195	0.5466	0.3869	0.4782	0.5439
Am-242m	0.3884	0.3787	0.5158	0.6985	0.3519	0.2361	0.3345	0.3383
Am-243	1.1397	1.1937	1.1625	1.3876	0.9978	0.9064	1.2571	1.0772
Am-244	3.2995	3.1089	3.5679	4.1127	3.2035	2.6608	3.0876	4.2707
Am-244m	0.2231	0.2157	0.2743	0.3606	0.2045	0.1455	0.1898	0.2056
Am-245	0.4277	0.4281	0.4629	0.5419	0.4180	0.3250	0.3489	0.4502
Am-246	4.5475	4.3235	4.9371	5.9031	4.4388	3.5778	4.1343	5.3773
Am-246m	1.9824	1.7920	1.9505	2.0658	2.0172	1.8169	1.9190	3.1222
Am-247	1.5624	1.5555	1.6495	1.9117	1.5396	1.2053	1.2763	1.6811
Ar-37	0.0307	0.0289	0.0617	0.0766	0.0301	0.0188	0.0368	0.0515
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4000	1.2112	1.2607	1.2120	1.5145	1.4035	1.4198	2.6558
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.7626	1.5248	1.5883	1.5304	1.8741	1.7616	1.7861	3.2312
Ar-44	2.6730	2.3410	2.4658	2.5875	2.8566	2.5258	2.4394	4.2844
As-68	3.4796	3.0339	3.1426	3.0309	3.6782	3.4835	3.5797	6.3628
As-69	0.5503	0.5115	0.5686	0.6133	0.5664	0.4841	0.5173	0.7645
As-70	4.5752	3.9930	4.1733	4.0607	4.8226	4.5421	4.6624	8.2186
As-71	2.0597	1.9201	2.4026	2.7148	2.1383	1.7112	1.8766	2.6787
As-72	1.5481	1.3825	1.5018	1.4502	1.5969	1.5192	1.6514	2.8318
As-73	1.2088	1.1465	2.2820	2.8373	1.1788	0.7640	1.4140	1.9188
As-74	1.3795	1.2578	1.4513	1.5376	1.4078	1.2702	1.5668	2.2880
As-76	0.9678	0.8672	0.8735	0.8686	0.9934	0.9290	1.0610	1.5725
As-77	0.0494	0.0459	0.0461	0.0492	0.0507	0.0442	0.0453	0.0600
As-78	2.0911	1.8565	1.8929	1.8477	2.1849	2.0573	2.2514	3.6943
As-79	0.0994	0.0888	0.0897	0.0881	0.1012	0.0922	0.0977	0.1455
At-204	6.6833	6.1970	6.3536	6.5572	6.6699	6.1204	7.1650	9.9522
At-205	3.1845	3.0898	3.2286	3.4995	3.1035	2.8019	3.4342	4.5671
At-206	6.8016	6.3088	6.4694	6.6858	6.8053	6.2287	7.1216	10.0689
At-207	4.9945	4.7315	4.9337	5.2384	4.9533	4.5076	5.3076	7.5057
At-208	7.7855	7.2970	7.5793	7.9633	7.8608	7.1942	8.2161	12.0218
At-209	7.1317	6.7816	7.0772	7.5322	7.0603	6.4468	7.6164	10.6509
At-210	5.9063	5.5009	5.8010	6.2211	6.0279	5.3719	5.8878	8.8643
At-211	0.7051	0.7540	0.8158	0.9815	0.6310	0.5359	0.7876	0.7757
At-215	0.0008	0.0007	0.0007	0.0008	0.0008	0.0007	0.0008	0.0010
At-216	0.0369	0.0389	0.0405	0.0472	0.0341	0.0294	0.0394	0.0411
At-217	0.0017	0.0016	0.0016	0.0018	0.0017	0.0015	0.0017	0.0020
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.4846	2.3010	2.3149	2.4781	2.5346	2.2038	2.2888	3.0435
Au-186	3.6297	3.4021	3.5757	3.9613	3.7187	3.3172	3.5678	4.8934

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Au-187	2.7931	2.6851	3.0118	3.3519	2.7873	2.5364	2.9782	3.9383
Au-190	4.3063	3.9646	4.1469	4.4040	4.4075	3.9630	4.3214	6.1154
Au-191	3.5884	3.4916	3.7792	4.1879	3.5424	3.1999	3.7598	4.5337
Au-192	3.9794	3.6727	3.8619	4.1282	4.0479	3.6474	4.0092	5.6391
Au-193	2.1300	2.1754	2.4034	2.7887	2.0610	1.8729	2.2832	2.4329
Au-193m	1.7764	1.7039	1.9625	2.2267	1.7843	1.5077	1.7156	2.1298
Au-194	3.1995	3.0129	3.1769	3.4467	3.2103	2.8921	3.2469	4.2664
Au-195	1.7638	1.8478	2.2267	2.6504	1.6720	1.4793	1.9661	2.0657
Au-195m	1.7930	1.7202	1.9764	2.2439	1.7988	1.5197	1.7350	2.1485
Au-196	3.0632	2.9111	3.0386	3.3044	3.0287	2.6934	3.0504	3.6708
Au-196m	3.5117	3.5097	4.2189	4.9526	3.4808	2.8826	3.4894	4.1884
Au-198	1.6361	1.4733	1.4918	1.4862	1.6407	1.4651	1.5581	2.1487
Au-198m	5.6145	5.5275	5.9919	7.0133	5.6882	4.7731	5.2241	6.6416
Au-199	1.1370	1.1100	1.2279	1.3340	1.1484	0.9514	1.0137	1.2802
Au-200	0.5714	0.5077	0.5164	0.5140	0.5918	0.5313	0.5500	0.8609
Au-200m	7.6820	7.0490	7.2029	7.4507	7.8335	7.0045	7.5706	10.6315
Au-201	0.1760	0.1664	0.2030	0.2293	0.1743	0.1486	0.1892	0.2486
Au-202	0.3662	0.3255	0.3325	0.3275	0.3764	0.3467	0.3676	0.5701
Ba-124	2.1236	1.7495	1.7958	1.9922	1.8670	1.5449	2.0438	2.1775
Ba-126	2.6696	2.2236	2.2603	2.4731	2.4253	2.0679	2.6085	2.9957
Ba-127	1.1715	0.9648	0.9875	1.1266	0.9952	0.7993	1.1189	1.1019
Ba-128	1.2631	0.9593	0.9858	1.1513	0.9730	0.7541	1.2478	0.9527
Ba-129	1.3311	1.0569	1.0944	1.2854	1.0955	0.8665	1.2959	1.1702
Ba-129m	5.0497	4.3423	4.5080	4.8235	4.8739	4.2452	4.9348	6.6041
Ba-131	3.3580	2.8666	2.8808	3.1871	3.0202	2.5188	3.2571	3.5448
Ba-131m	1.4921	1.3679	1.3991	1.5491	1.2996	0.9884	1.3335	1.4367
Ba-133	3.7404	3.1543	3.1313	3.4510	3.2232	2.6765	3.6979	3.5724
Ba-133m	1.1281	0.8878	0.9960	1.1549	0.9167	0.6976	1.1360	0.9768
Ba-135m	0.9979	0.7664	0.7907	0.9030	0.7885	0.6083	0.9954	0.7877
Ba-137m	1.4941	1.3373	1.3418	1.3265	1.5060	1.4225	1.6808	2.4921
Ba-139	0.4532	0.4135	0.4275	0.4407	0.4528	0.3677	0.3691	0.4737
Ba-140	0.9859	0.8612	0.9899	1.0901	0.9338	0.7854	1.0057	1.2411
Ba-141	3.0964	2.7700	2.7912	2.9692	3.1837	2.7807	2.8905	4.1483
Ba-142	2.6559	2.3453	2.3550	2.3945	2.6497	2.3978	2.5894	3.7568
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1709	0.1526	0.1539	0.1547	0.1720	0.1567	0.1780	0.2418
Bi-197	3.5642	3.3871	3.6108	3.8528	3.5472	3.2527	3.7810	5.4453
Bi-200	7.6054	7.0699	7.2726	7.5980	7.6066	6.9070	7.6665	10.5286
Bi-201	3.5983	3.4099	3.6238	3.8636	3.5897	3.2982	3.8089	5.5313
Bi-202	6.9045	6.3981	6.6030	6.8041	6.9536	6.4209	7.1543	10.4123
Bi-203	4.4703	4.1801	4.4340	4.6601	4.4877	4.1419	4.7118	7.0950
Bi-204	6.8567	6.3427	6.6045	6.8154	6.9177	6.3862	7.0151	10.4822
Bi-205	3.3975	3.2030	3.4367	3.6886	3.3897	3.1055	3.6325	5.2724

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Bi-206	8.0056	7.4351	7.7510	8.0064	8.0362	7.4375	8.4412	12.3877
Bi-207	4.0068	3.7721	3.9441	4.1863	3.9994	3.6969	4.3349	6.0494
Bi-208	2.0966	1.9148	2.1882	2.3901	2.2112	1.9453	2.2388	3.5967
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.6285	1.5137	1.5139	1.6022	1.6481	1.4315	1.5123	1.9286
Bi-211	0.2584	0.2375	0.2393	0.2515	0.2582	0.2239	0.2441	0.3146
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2782	0.2577	0.3259	0.3691	0.2799	0.2387	0.2933	0.4482
Bi-213	0.5215	0.4790	0.4870	0.5008	0.5171	0.4631	0.5238	0.6930
Bi-214	1.9885	1.7458	1.8003	1.7675	2.0899	1.9568	2.0902	3.5601
Bi-215	1.1730	1.1055	1.1160	1.1959	1.1667	1.0190	1.1447	1.4779
Bi-216	2.4156	2.1833	2.2008	2.2210	2.4366	2.2338	2.5549	3.5384
Bk-245	3.3246	3.3790	3.6172	4.2216	3.2428	2.4978	2.6680	3.5131
Bk-246	3.4717	3.3564	3.7376	4.2624	3.3968	2.8066	3.1370	4.5486
Bk-247	1.6582	1.6848	1.6748	1.8665	1.5850	1.3207	1.5175	1.7873
Bk-248m	0.7460	0.7461	0.8417	1.0241	0.7089	0.5354	0.6205	0.7695
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.6779	1.4853	1.6049	1.6858	1.7168	1.5726	1.5880	2.6540
Bk-251	1.7180	1.7291	1.9344	2.3459	1.6517	1.2363	1.3659	1.7238
Br-72	2.8793	2.5382	2.6577	2.5775	3.0092	2.8285	2.9481	5.0978
Br-73	1.6093	1.5375	1.5475	1.6297	1.6256	1.5202	1.6342	2.2168
Br-74	3.1623	2.7670	2.9240	2.9467	3.3874	3.1151	3.3327	5.8173
Br-74m	4.0447	3.5858	3.7256	3.6824	4.2559	3.9856	4.3724	7.3384
Br-75	2.2963	2.1054	2.1807	2.3076	2.3507	2.0103	2.1020	2.8883
Br-76	3.0109	2.6713	2.9154	3.0107	3.1448	2.8640	3.2079	5.2074
Br-76m	1.2982	1.2833	1.5451	2.0533	1.1978	0.8885	1.2191	1.3208
Br-77	1.7583	1.6631	2.0384	2.3770	1.7856	1.4733	1.7643	2.4059
Br-77m	0.5714	0.6192	0.8114	1.0609	0.5690	0.4009	0.5180	0.7026
Br-78	0.2565	0.2373	0.2651	0.2858	0.2626	0.2373	0.2880	0.4222
Br-80	0.1620	0.1509	0.1735	0.1900	0.1656	0.1480	0.1817	0.2669
Br-80m	1.1794	1.1306	1.4534	1.9646	1.0465	0.7324	1.1191	1.1677
Br-82m	0.3983	0.4307	0.6412	0.8923	0.3960	0.2642	0.3949	0.5043
Br-82	5.0458	4.5101	4.5981	4.4438	5.2210	4.9553	5.4239	8.8085
Br-83	0.0210	0.0189	0.0191	0.0193	0.0213	0.0197	0.0230	0.0318
Br-84m	4.5835	4.0236	4.1491	4.0215	4.7748	4.4174	4.5481	7.6699
Br-84	1.5836	1.3618	1.4373	1.3699	1.6825	1.5908	1.6170	3.0225
Br-85	0.1089	0.0965	0.0998	0.0942	0.1131	0.1084	0.1119	0.1961
C-10	1.5412	1.3933	1.4160	1.3492	1.5831	1.5253	1.7070	2.7596
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0549	0.0517	0.1102	0.1368	0.0538	0.0336	0.0657	0.0919
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2591	1.0951	1.1366	1.0941	1.3486	1.2529	1.2871	2.3346

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ca-49	1.2571	1.0372	1.1509	1.0986	1.4130	1.2937	1.3341	2.7985
Cd-101	3.0572	2.7994	2.8685	2.9915	3.0626	2.6922	2.8123	4.5130
Cd-102	2.8191	2.5447	2.5968	2.8233	2.7027	2.3754	2.6573	3.4664
Cd-103	2.5793	2.2432	2.3605	2.5285	2.5464	2.2695	2.4222	3.7913
Cd-104	2.2073	2.0902	2.0799	2.4039	1.9184	1.6718	2.1107	2.1884
Cd-105	1.8292	1.5959	1.6731	1.8170	1.7748	1.5743	1.7034	2.5396
Cd-107	1.3462	1.2101	1.2901	1.6229	1.0991	0.8776	1.0925	0.9625
Cd-109	1.2535	1.1246	1.2028	1.5180	1.0196	0.8144	1.0222	0.8874
Cd-111m	2.5118	2.3140	2.3277	2.5238	2.4816	2.1176	2.1123	2.6447
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0010	0.0009	0.0009	0.0011	0.0009	0.0007	0.0008	0.0009
Cd-115	0.6683	0.5957	0.5993	0.6175	0.6650	0.6082	0.7023	0.9417
Cd-115m	0.0499	0.0437	0.0450	0.0430	0.0525	0.0499	0.0504	0.0888
Cd-117	2.1160	1.8737	1.8989	1.9101	2.1905	1.9697	2.0089	3.1945
Cd-117m	2.3506	2.0282	2.1141	2.0522	2.4794	2.3260	2.3746	4.2566
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5018	2.1917	2.2379	2.2464	2.6181	2.3426	2.3554	3.9212
Cd-119m	2.7729	2.4053	2.4998	2.4337	2.9228	2.7264	2.7652	4.9453
Ce-130	3.1818	2.7451	2.7356	2.9990	2.8601	2.3355	2.9577	3.2823
Ce-131	3.6158	3.1405	3.2507	3.4104	3.4722	3.0100	3.4794	4.6664
Ce-132	3.0010	2.5724	2.6301	2.9860	2.7871	2.2485	2.6945	2.9300
Ce-133	2.6038	2.2261	2.1888	2.4546	2.1058	1.6630	2.5435	2.2556
Ce-133m	5.0452	4.3311	4.3585	4.5682	4.7365	4.1521	5.0620	6.4566
Ce-134	1.0231	0.7537	0.7725	0.9177	0.7369	0.5411	1.0237	0.6808
Ce-135	3.8582	3.3001	3.3109	3.5164	3.6056	3.1131	3.8259	4.5980
Ce-137	1.1533	0.8704	0.9804	1.1697	0.8595	0.6273	1.1730	0.8742
Ce-137m	0.9595	0.7607	0.7691	0.8868	0.7639	0.5960	0.9102	0.7551
Ce-139	2.3827	2.0176	2.0901	2.2653	2.1296	1.6758	2.1077	2.1426
Ce-141	0.9796	0.9209	0.9119	0.9396	0.9459	0.7590	0.7872	0.9892
Ce-143	2.0078	1.7183	1.6737	1.8320	1.8173	1.5315	1.8807	2.0476
Ce-144	0.3029	0.2834	0.2713	0.2962	0.2750	0.2200	0.2598	0.2903
Ce-145	3.1378	2.6985	2.6812	2.8367	2.8832	2.5570	3.1349	3.8914
Cf-244	0.1422	0.1380	0.1818	0.2464	0.1275	0.0861	0.1198	0.1161
Cf-246	0.0978	0.0949	0.1248	0.1689	0.0876	0.0593	0.0824	0.0799
Cf-247	2.3770	2.3887	2.7872	3.4665	2.2428	1.6387	1.9300	2.3269
Cf-248	0.1173	0.1137	0.1494	0.2019	0.1052	0.0713	0.0989	0.0962
Cf-249	1.8486	1.7000	1.7959	1.9526	1.8294	1.5355	1.6522	2.1811
Cf-250	0.1054	0.1009	0.1285	0.1687	0.0967	0.0693	0.0911	0.0983
Cf-251	1.9561	1.9601	2.1639	2.5926	1.9094	1.4563	1.5801	2.0219
Cf-252	0.8302	0.7451	0.7844	0.8267	0.8478	0.7515	0.8070	1.2436
Cf-253	0.3262	0.3056	0.4121	0.5548	0.2863	0.1966	0.2761	0.2684
Cf-254	27.2446	24.2138	24.6604	24.7406	28.2370	25.6460	26.8992	43.0595
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.5672	1.3972	1.4634	1.4302	1.6653	1.4720	1.4257	2.5867
Cl-36	0.0004	0.0004	0.0009	0.0011	0.0004	0.0003	0.0005	0.0007
Cl-38	1.0017	0.8233	0.8977	0.8823	1.0890	0.9996	0.9833	1.9969
Cl-39	2.1593	1.9048	1.9495	1.9313	2.3006	2.0837	2.0612	3.5262
Cl-40	2.6482	2.2329	2.3975	2.3324	2.9138	2.6630	2.6892	5.2709
Cm-238	1.5468	1.6121	1.7427	2.0697	1.4952	1.1172	1.2095	1.6155
Cm-239	3.3668	3.3572	3.5741	4.2189	3.3885	2.6475	2.6932	3.6562
Cm-240	0.1572	0.1547	0.2049	0.2834	0.1424	0.0951	0.1315	0.1294
Cm-241	3.9637	3.8728	4.3125	5.0591	3.8565	3.0573	3.4973	4.5327
Cm-242	0.1411	0.1388	0.1840	0.2545	0.1278	0.0854	0.1180	0.1161
Cm-243	1.9460	1.9484	2.2139	2.6743	1.9009	1.4445	1.6123	2.0814
Cm-244	0.1211	0.1192	0.1580	0.2185	0.1097	0.0733	0.1013	0.0997
Cm-245	2.0097	2.0736	2.2941	2.7586	1.9479	1.4521	1.5879	2.0933
Cm-246	0.1024	0.1002	0.1312	0.1795	0.0935	0.0639	0.0866	0.0887
Cm-247	1.3827	1.2526	1.2658	1.2711	1.3885	1.2207	1.2706	1.7644
Cm-248	2.2147	1.9769	2.0408	2.0923	2.2834	2.0541	2.1730	3.4312
Cm-249	0.1558	0.1460	0.2446	0.2916	0.1548	0.1145	0.1760	0.2487
Cm-250	21.4976	19.1078	19.4667	19.5391	22.2819	20.2334	21.2190	33.9719
Cm-251	0.5013	0.4723	0.4988	0.5485	0.4974	0.4246	0.4794	0.6528
Co-54m	4.4372	3.8760	3.9912	3.8845	4.6674	4.2852	4.3301	7.4139
Co-55	2.0097	1.7681	1.8729	1.8276	2.0981	1.9683	2.0409	3.5002
Co-56	3.8143	3.3210	3.6603	3.5759	4.0390	3.7677	3.9486	7.1980
Co-57	1.9177	1.9801	2.3238	2.6621	1.9316	1.4694	1.6436	2.3893
Co-58	1.7222	1.5525	1.8005	1.7819	1.7574	1.6468	1.8671	3.1538
Co-58m	0.2201	0.2072	0.4416	0.5481	0.2157	0.1347	0.2634	0.3683
Co-60	2.8536	2.4673	2.5628	2.4620	3.0766	2.8688	2.8674	5.3526
Co-60m	0.2650	0.2509	0.5056	0.6248	0.2596	0.1706	0.3135	0.4289
Co-61	0.9736	1.0362	0.9426	1.0504	0.9181	0.9579	1.1099	1.0016
Co-62	1.6508	1.4183	1.4798	1.4198	1.7778	1.6677	1.6545	3.0998
Co-62m	2.9452	2.5320	2.6392	2.5310	3.1539	2.9675	2.9455	5.5122
Cr-48	3.2546	3.1671	3.1747	3.3615	3.3044	2.6941	2.7432	3.9034
Cr-49	1.3541	1.4077	1.3473	1.3921	1.3147	1.1350	1.2223	1.4695
Cr-51	0.2951	0.2690	0.3980	0.4641	0.2966	0.2238	0.3014	0.4135
Cr-55	0.0006	0.0005	0.0005	0.0005	0.0007	0.0006	0.0006	0.0012
Cr-56	1.8195	1.8036	1.7558	2.0236	1.5137	1.3576	1.9151	1.7625
Cs-121	1.2253	1.0919	1.1051	1.1577	1.1969	1.0273	1.1251	1.4638
Cs-121m	2.2931	2.0249	2.0646	2.2923	2.2671	1.9353	2.1089	2.7212
Cs-123	1.7849	1.5725	1.5652	1.6833	1.6166	1.3857	1.7477	2.0738
Cs-124	0.6773	0.5853	0.5899	0.6068	0.6654	0.5817	0.6414	0.8797
Cs-125	1.5794	1.3245	1.3415	1.4594	1.4040	1.2062	1.5824	1.8009
Cs-126	1.1525	0.9950	1.0093	1.0327	1.1093	0.9781	1.1032	1.4603
Cs-127	2.5530	2.1447	2.1659	2.3499	2.2681	1.9193	2.4393	2.6820

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cs-128	0.8483	0.7055	0.7190	0.7712	0.7634	0.6611	0.8428	0.9638
Cs-129	2.4491	1.9653	1.9947	2.2408	2.0495	1.6923	2.3510	2.2576
Cs-130m	1.8297	1.5296	1.5495	1.7970	1.4131	1.1372	1.9262	1.4766
Cs-130	0.6345	0.4773	0.4926	0.5877	0.4775	0.3807	0.6320	0.4982
Cs-131	0.9679	0.7069	0.7333	0.9034	0.6848	0.5239	0.9521	0.6277
Cs-132	2.5622	2.1523	2.1822	2.3160	2.3256	2.0906	2.7454	3.3974
Cs-134	3.4725	3.1290	3.1750	3.0607	3.5568	3.3958	3.8266	6.0176
Cs-134m	0.7118	0.6002	0.7139	0.8443	0.5920	0.4391	0.6962	0.6690
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.0305	2.7070	2.7999	2.6027	3.0974	3.0056	3.2334	5.5327
Cs-136	4.5263	4.0230	4.0933	3.9920	4.6436	4.2999	4.4616	7.1997
Cs-137	1.3215	1.2428	1.2037	1.2484	1.4132	1.4514	1.3721	1.3286
Cs-138m	1.4873	1.2323	1.2877	1.4373	1.3623	1.1408	1.4560	1.7237
Cs-138	2.8965	2.5040	2.6028	2.5569	3.0686	2.8237	2.8889	5.0569
Cs-139	0.2883	0.2474	0.2597	0.2524	0.3098	0.2872	0.2949	0.5441
Cs-140	1.9827	1.7264	1.7875	1.7512	2.0952	1.9589	2.1018	3.5978
Cu-57	0.1492	0.1296	0.1342	0.1282	0.1590	0.1509	0.1496	0.2739
Cu-59	0.7615	0.6704	0.6916	0.6759	0.7943	0.7303	0.7603	1.2635
Cu-60	2.8380	2.4267	2.5875	2.5105	3.0418	2.8227	2.8661	5.4265
Cu-61	0.6891	0.6334	0.7514	0.8125	0.7014	0.6117	0.7178	1.0268
Cu-62	0.0152	0.0137	0.0210	0.0238	0.0156	0.0127	0.0166	0.0270
Cu-64	0.1382	0.1296	0.2703	0.3338	0.1362	0.0872	0.1642	0.2331
Cu-66	0.1420	0.1232	0.1264	0.1204	0.1507	0.1445	0.1389	0.2537
Cu-67	1.1807	1.1477	1.2089	1.3760	1.2154	0.9979	1.0206	1.3860
Cu-69	0.8773	0.7714	0.7907	0.7582	0.9178	0.8751	0.8951	1.5407
Dy-148	2.5307	2.2657	2.2578	2.4050	2.4332	2.1770	2.6457	3.4791
Dy-149	3.7926	3.3898	3.4322	3.6156	3.6737	3.2232	3.6192	5.2496
Dy-150	1.6868	1.4982	1.5047	1.5977	1.5945	1.3623	1.5464	1.8976
Dy-151	3.7070	3.2816	3.4168	3.6101	3.6421	3.2068	3.6185	5.1455
Dy-152	2.5991	2.3509	2.3257	2.5302	2.4990	2.1120	2.3064	2.6962
Dy-153	4.4483	4.0124	4.0051	4.4299	4.1726	3.5315	4.1387	5.0411
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.1459	2.8233	2.8375	3.1886	3.0666	2.6214	2.8804	3.6878
Dy-157	2.6804	2.3727	2.3391	2.5692	2.5541	2.1145	2.4102	2.8541
Dy-159	1.2004	1.0526	1.0531	1.2562	1.0177	0.8051	1.0888	1.0177
Dy-165m	0.3100	0.2900	0.4079	0.4839	0.2923	0.2174	0.3130	0.3931
Dy-165	0.2212	0.2083	0.2084	0.2306	0.2064	0.1726	0.2096	0.2461
Dy-166	0.9103	0.8519	0.9158	1.0733	0.8048	0.6557	0.9176	0.9101
Dy-167	2.3913	2.1732	2.1743	2.2709	2.4000	2.1139	2.3287	3.0972
Dy-168	2.1611	1.9655	2.0285	2.2491	2.1517	1.8508	2.0759	2.6925
Er-154	1.4074	1.2217	1.3406	1.6399	1.1866	0.9498	1.3211	1.2512
Er-156	1.7661	1.5441	1.8718	2.2478	1.5332	1.1687	1.7482	1.7540
Er-159	2.9797	2.6891	2.7532	2.9682	2.9391	2.5932	3.0067	4.0904

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Er-161	3.0802	2.7710	2.8910	3.0877	3.0167	2.6788	3.0611	4.3284
Er-163	0.9616	0.8654	0.8940	1.0622	0.8469	0.6780	0.9148	0.8849
Er-165	0.9285	0.8359	0.8690	1.0334	0.8179	0.6537	0.8845	0.8572
Er-167m	0.9686	0.8926	0.9721	1.1997	0.9970	0.8209	0.8794	1.1264
Er-169	0.0064	0.0060	0.0127	0.0158	0.0062	0.0039	0.0076	0.0106
Er-171	2.7397	2.5551	2.5648	2.7656	2.7393	2.2831	2.4570	3.1771
Er-172	2.4116	2.2110	2.2620	2.4092	2.3686	2.1023	2.4540	3.1374
Er-173	3.9779	3.7408	3.8481	4.3602	4.0820	3.5015	3.6342	5.1932
Es-249	3.0450	2.9718	3.1712	3.6100	2.9745	2.3854	2.5660	3.4572
Es-250	8.5993	8.2972	9.3227	11.0310	8.2412	6.5302	7.4146	9.6478
Es-250m	2.5744	2.5158	2.7227	3.1340	2.5240	2.0349	2.1714	3.0915
Es-251	2.1797	2.1900	2.5128	3.1127	2.0706	1.5244	1.7397	2.1313
Es-253	0.0392	0.0376	0.0502	0.0672	0.0352	0.0242	0.0335	0.0339
Es-254	1.3439	1.2915	1.8161	2.4397	1.2141	0.8227	1.1823	1.2216
Es-254m	1.6064	1.4710	1.6062	1.7856	1.5696	1.3880	1.6494	2.3008
Es-255	0.0011	0.0010	0.0010	0.0010	0.0011	0.0010	0.0011	0.0017
Es-256	0.2040	0.1886	0.2432	0.3267	0.1755	0.1240	0.1695	0.1588
Eu-142	0.3724	0.3227	0.3322	0.3312	0.3721	0.3428	0.3741	0.6155
Eu-142m	5.2708	4.6802	4.8556	4.7708	5.4037	5.0941	5.5301	8.8884
Eu-143	0.6664	0.5706	0.5742	0.6137	0.6318	0.5499	0.6093	0.9025
Eu-144	0.2985	0.2509	0.2563	0.2739	0.2861	0.2486	0.2752	0.4253
Eu-145	2.7804	2.4058	2.4215	2.5187	2.6522	2.3871	2.6706	3.9459
Eu-146	5.1414	4.5488	4.5812	4.6041	5.0965	4.7220	5.3534	8.1378
Eu-147	2.7169	2.4292	2.3760	2.6953	2.5123	2.1125	2.4084	2.9910
Eu-148	6.1268	5.4386	5.4324	5.5513	6.0621	5.5485	6.3808	9.0789
Eu-149	1.2599	1.0781	1.1129	1.3192	1.0514	0.8266	1.0958	1.0685
Eu-150	5.7993	5.1276	5.0918	5.2639	5.6840	5.0169	5.5935	7.5749
Eu-150m	0.2408	0.2091	0.2049	0.2227	0.2214	0.1866	0.2146	0.2576
Eu-152	3.4288	3.0616	3.0384	3.1847	3.3306	2.9074	3.1348	4.5210
Eu-152m	0.9268	0.8228	0.8165	0.8550	0.8786	0.7769	0.8565	1.2242
Eu-152n	1.4065	1.4322	1.5294	1.7178	1.2699	1.0313	1.3713	1.5450
Eu-154	2.8314	2.6016	2.6143	2.6486	2.8844	2.5913	2.7042	4.3291
Eu-154m	1.5724	1.5064	1.6984	1.9680	1.4029	1.1507	1.5379	1.6210
Eu-155	1.0422	1.0564	1.0195	1.1201	0.9446	0.7777	0.9557	1.0795
Eu-156	1.7162	1.5123	1.5733	1.5669	1.7613	1.6296	1.7365	2.9284
Eu-157	2.0566	1.8668	1.9111	2.1159	1.9203	1.6690	1.9781	2.2755
Eu-158	2.2849	2.0255	2.1025	2.1011	2.3172	2.1629	2.3113	3.7517
Eu-159	2.2034	2.0337	1.9801	2.2198	1.9816	1.7062	2.1119	2.3180
F-17	0.0005	0.0005	0.0005	0.0004	0.0005	0.0005	0.0005	0.0009
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.6913	1.5926	1.7335	1.8257	1.7702	1.4387	1.3658	1.9278
Fe-53	0.7239	0.6468	0.6535	0.6554	0.7323	0.6413	0.6664	0.9336
Fe-53m	4.2598	3.7369	3.8437	3.6911	4.5035	4.2700	4.4121	7.7635

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fe-55	0.1822	0.1716	0.3662	0.4544	0.1787	0.1116	0.2183	0.3054
Fe-59	1.5168	1.3195	1.3628	1.3186	1.6265	1.5220	1.5034	2.7546
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.0811	1.8279	1.8649	1.8274	2.2026	2.0291	2.0026	3.5000
Fe-62	1.6292	1.4542	1.4662	1.4816	1.6430	1.5101	1.7584	2.3814
Fm-251	2.0404	2.0332	2.2912	2.7203	1.9639	1.4994	1.6771	2.1819
Fm-252	0.1051	0.0997	0.1293	0.1740	0.0924	0.0639	0.0874	0.0830
Fm-253	1.7931	1.7540	2.1009	2.6621	1.6612	1.2091	1.4579	1.6646
Fm-254	0.1172	0.1104	0.1405	0.1857	0.1048	0.0749	0.0991	0.1013
Fm-255	1.1256	1.0752	1.4530	1.9741	1.0018	0.6813	0.9537	0.9344
Fm-256	20.2904	18.0352	18.3716	18.4409	21.0184	19.0852	20.0375	32.0314
Fm-257	2.2095	2.1818	2.4546	2.9860	2.1169	1.6108	1.8018	2.2134
Fr-212	3.3965	3.2747	3.5139	3.9703	3.4101	2.9273	3.3005	4.6315
Fr-219	0.0188	0.0175	0.0177	0.0188	0.0187	0.0162	0.0181	0.0234
Fr-220	0.2354	0.2444	0.2966	0.3734	0.2202	0.1695	0.2340	0.2601
Fr-221	0.2627	0.2517	0.2611	0.3142	0.2694	0.2267	0.2389	0.3034
Fr-222	1.6466	1.5974	1.7693	2.2374	1.6835	1.3419	1.4175	1.8797
Fr-223	1.0786	1.0531	1.1486	1.4515	0.9926	0.7741	1.0171	1.0475
Fr-224	1.8071	1.7064	1.8080	2.0606	1.8617	1.5835	1.6436	2.4393
Fr-227	2.7351	2.7333	2.7991	3.1199	2.6632	2.2887	2.6546	3.3640
Ga-64	2.0785	1.7789	1.8858	1.8090	2.2291	2.0966	2.0934	3.9724
Ga-65	1.5997	1.6089	1.7641	1.9156	1.6143	1.3337	1.4363	2.0918
Ga-66	1.5092	1.2964	1.5608	1.5980	1.6237	1.4619	1.5569	2.8966
Ga-67	1.8573	1.8104	2.3451	2.7014	1.8488	1.4380	1.7975	2.4309
Ga-68	0.0978	0.0881	0.1370	0.1565	0.1003	0.0812	0.1059	0.1710
Ga-70	0.0163	0.0146	0.0169	0.0178	0.0172	0.0152	0.0155	0.0258
Ga-72	3.2890	2.8770	3.0020	2.8624	3.4597	3.2872	3.4473	6.1119
Ga-73	2.4017	2.1927	2.7641	3.1140	2.4250	1.9541	2.3452	3.1654
Ga-74	3.6574	3.1901	3.2984	3.2437	3.8636	3.6039	3.8929	6.5588
Gd-142	1.5780	1.3916	1.3934	1.4957	1.5317	1.3295	1.4715	2.0094
Gd-143m	4.2383	3.7680	3.7569	3.9181	4.1668	3.6708	3.9689	5.5876
Gd-144	1.0426	0.8957	0.8939	0.9814	0.9685	0.8227	0.9604	1.2504
Gd-145m	1.7194	1.5443	1.6768	1.7092	1.7145	1.5776	1.8433	2.7974
Gd-145	2.3420	1.9710	2.0530	2.1241	2.3348	2.0879	2.2253	3.7460
Gd-146	4.3399	4.0537	3.9221	4.3437	3.9342	3.1230	3.5285	4.0711
Gd-147	5.0859	4.5244	4.5240	4.7935	4.9988	4.4156	4.7632	6.5975
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.6112	3.2394	3.1996	3.4140	3.4136	2.8596	3.1710	3.9265
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.4461	1.2670	1.3417	1.5747	1.2502	0.9804	1.2608	1.2889
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.2854	2.1179	2.0373	2.3225	1.9748	1.5592	1.9098	2.0367
Gd-159	0.4598	0.4090	0.4045	0.4491	0.4252	0.3558	0.4199	0.4720

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Gd-162	1.7491	1.5628	1.6193	1.6444	1.7410	1.5372	1.6825	2.2912
Ge-66	2.7174	2.4975	2.9589	3.3058	2.6750	2.2087	2.6213	3.4730
Ge-67	1.8278	1.6931	1.7945	1.8241	1.9161	1.6190	1.5455	2.3475
Ge-68	0.4475	0.4222	0.8973	1.1148	0.4388	0.2742	0.5350	0.7479
Ge-69	1.4472	1.2932	1.6879	1.8232	1.4970	1.3051	1.5396	2.5160
Ge-71	0.4539	0.4282	0.9101	1.1307	0.4451	0.2781	0.5426	0.7586
Ge-75	0.2225	0.2043	0.2018	0.2124	0.2297	0.1994	0.1968	0.2602
Ge-77	3.7586	3.4087	3.4419	3.6570	3.9085	3.4673	3.5426	5.1372
Ge-78	1.6968	1.5445	1.5126	1.5625	1.7435	1.5034	1.4975	1.9795
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.7761	1.6372	1.6758	1.8448	1.7650	1.5048	1.6691	2.0093
Hf-169	2.6071	2.4146	2.5122	2.7234	2.5556	2.2897	2.7107	3.2890
Hf-170	3.2944	3.1468	3.4225	3.8015	3.2458	2.7890	3.2489	4.0088
Hf-172	2.3832	2.3064	2.7028	3.2178	2.2199	1.8694	2.4042	2.5645
Hf-173	3.9291	3.8560	3.8859	4.2629	3.9070	3.2843	3.5225	4.4447
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.6642	2.4698	2.5709	2.8325	2.6156	2.2582	2.5671	3.0467
Hf-177m	15.6266	14.5648	15.0257	16.5699	15.9201	13.6360	14.3553	18.6540
Hf-178m	11.6187	10.7868	11.1559	12.1252	11.7445	10.2663	11.3384	14.9428
Hf-179m	6.3027	5.9263	6.2776	6.8493	6.3435	5.4534	5.9104	7.5941
Hf-180m	5.8705	5.4276	5.6008	6.1601	5.9376	5.1629	5.5799	7.1818
Hf-181	2.8265	2.6752	2.7731	2.9326	2.8398	2.4758	2.7394	3.6343
Hf-182	1.7027	1.5840	1.5946	1.6725	1.7361	1.5007	1.5209	1.9545
Hf-182m	4.7722	4.4784	4.7243	5.1363	4.7929	4.2060	4.6310	6.0770
Hf-183	2.4493	2.3152	2.3340	2.3752	2.4124	2.2972	2.6490	3.5965
Hf-184	2.6833	2.5497	3.2037	3.6597	2.6610	2.1116	2.5411	3.3189
Hg-190	2.9284	2.9983	3.3165	3.7374	2.8577	2.4447	2.8895	3.3448
Hg-191m	5.5748	5.2729	5.6270	6.0717	5.5855	5.0296	5.7171	7.4926
Hg-192	3.0512	3.0419	3.3734	3.8488	2.9667	2.5946	3.1404	3.5237
Hg-193	3.1195	3.0300	3.3656	3.7743	3.0833	2.7835	3.2928	4.2110
Hg-193m	3.2059	3.0400	3.2486	3.5001	3.1918	2.9203	3.3854	4.5026
Hg-194	0.2573	0.2540	0.4821	0.6202	0.2530	0.1611	0.2891	0.3924
Hg-195	1.7829	1.8240	2.1637	2.5530	1.7030	1.5218	2.0085	2.2235
Hg-195m	2.1055	2.0742	2.6580	3.1565	2.0542	1.7025	2.2345	2.6698
Hg-197	1.5675	1.6484	1.9579	2.3459	1.4486	1.2857	1.8265	1.8196
Hg-197m	1.5682	1.6088	1.9401	2.2755	1.5298	1.2479	1.5758	1.8978
Hg-199m	2.1674	2.1577	2.4291	2.6811	2.1209	1.7993	2.1154	2.4794
Hg-203	1.5926	1.4814	1.4781	1.5662	1.6118	1.3952	1.4629	1.8484
Hg-205	0.0478	0.0456	0.0476	0.0594	0.0498	0.0423	0.0444	0.0565
Hg-206	0.7376	0.6872	0.6906	0.7417	0.7385	0.6386	0.7072	0.8870
Hg-207	4.1092	3.6246	3.7591	3.7998	4.2738	3.8852	3.9803	6.5696
Ho-150	2.2922	2.0574	2.1064	2.0280	2.3225	2.2148	2.4537	3.9473
Ho-153	2.6990	2.4364	2.4206	2.5717	2.6563	2.3031	2.5420	3.3222

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-153m	3.0776	2.8301	2.8603	3.0508	3.0112	2.5699	2.8358	3.7138
Ho-154m	7.1314	6.3619	6.3881	6.4975	7.1473	6.3556	6.9471	9.6500
Ho-154	3.6081	3.2012	3.2130	3.2884	3.6435	3.2231	3.4624	4.9950
Ho-155	2.4871	2.2516	2.3247	2.6040	2.3718	1.9768	2.2838	2.7981
Ho-156	4.7080	4.2853	4.3243	4.4826	4.7354	4.1287	4.3508	6.3147
Ho-157	3.7467	3.3926	3.4288	3.8283	3.5496	2.9791	3.4716	4.1051
Ho-159	4.0240	3.7680	3.7440	4.1781	3.8087	3.1207	3.5571	4.2312
Ho-160	4.7835	4.3037	4.4144	4.6094	4.7245	4.2903	4.8416	7.0524
Ho-161	1.5911	1.4056	1.5084	1.8304	1.3521	1.0860	1.4513	1.4224
Ho-162	1.3335	1.2028	1.2515	1.4664	1.1731	0.9503	1.2811	1.3070
Ho-162m	2.7032	2.4392	2.6521	3.0056	2.6004	2.1757	2.5675	3.2498
Ho-163	0.0073	0.0069	0.0147	0.0182	0.0072	0.0045	0.0088	0.0123
Ho-164	0.7354	0.6647	0.6962	0.8254	0.6409	0.5107	0.6964	0.6797
Ho-164m	1.3647	1.2291	1.5156	1.8267	1.2121	0.9320	1.3583	1.4105
Ho-166	0.2782	0.2685	0.3174	0.3701	0.2532	0.2080	0.3028	0.3268
Ho-166m	5.4792	5.0130	5.1982	5.4220	5.5786	5.0119	5.4532	7.9929
Ho-167	2.1242	1.9181	1.9268	2.0501	2.1264	1.8134	1.9603	2.5331
Ho-168	2.0756	1.8903	1.9966	1.9999	2.0959	1.9580	2.2070	3.4463
Ho-168m	0.2600	0.2385	0.3566	0.4350	0.2395	0.1734	0.2735	0.3194
Ho-170	4.6837	4.2661	4.4251	4.5615	4.7561	4.2897	4.5456	6.8481
I-118m	6.5500	5.8473	5.8920	5.8454	6.7076	6.2883	7.0525	10.7781
I-118	2.2505	2.0005	2.0201	2.0149	2.3016	2.1544	2.4404	3.7182
I-119	2.3273	2.0495	2.0383	2.1948	2.2282	1.9406	2.1063	2.5415
I-120	2.7214	2.3451	2.4187	2.4604	2.7595	2.5367	2.8490	4.4428
I-120m	5.7091	5.0569	5.1133	5.1289	5.8161	5.4292	6.1806	9.3137
I-121	2.5840	2.2246	2.2668	2.7676	2.4288	2.0547	2.3205	2.6625
I-122	0.5769	0.4883	0.4968	0.5405	0.5271	0.4757	0.5943	0.7385
I-123	2.4893	2.1500	2.2282	2.4135	2.2342	1.8287	2.0752	2.2479
I-124	2.2423	1.9005	1.9399	2.0840	2.0966	1.9051	2.3159	3.1038
I-125	1.8674	1.4164	1.4598	1.8653	1.3444	1.0932	1.7006	1.2285
I-126	1.7253	1.4833	1.5025	1.5924	1.6078	1.4420	1.7092	2.1890
I-128	0.3003	0.2595	0.2631	0.2771	0.2833	0.2520	0.2943	0.3674
I-129	1.0154	0.7489	0.7583	0.9319	0.7223	0.5552	0.9819	0.6526
I-130m	0.5347	0.4457	0.4855	0.5446	0.4750	0.4094	0.5555	0.6313
I-130	5.2652	4.7363	4.7834	4.6799	5.3781	5.0654	5.7196	8.6579
I-131	1.5491	1.4860	1.4240	1.4703	1.6346	1.6790	1.5911	1.5284
I-132	4.5705	4.1015	4.1689	4.0158	4.7099	4.4915	4.9692	8.0005
I-132m	1.4025	1.2336	1.3269	1.4390	1.3180	1.1560	1.4245	1.8601
I-133	1.6832	1.5044	1.5169	1.5172	1.7096	1.5862	1.8215	2.5919
I-134m	2.5721	2.1674	2.1526	2.4012	2.3002	1.9370	2.3447	2.4647
I-134	4.6337	4.1125	4.2203	4.0319	4.7971	4.5659	4.7884	8.1073
I-135	1.9569	1.6937	1.7580	1.7114	2.0814	1.9333	1.9515	3.5132
In-103	3.2723	2.9125	3.0119	3.1554	3.4182	3.0968	3.1684	5.1572

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-105	2.9540	2.7169	2.7283	2.8423	2.9850	2.6555	2.7631	4.1976
In-106	5.5549	4.9466	5.0258	4.9353	5.7186	5.4273	5.8381	9.3951
In-106m	2.5001	2.2007	2.2587	2.2445	2.6014	2.4411	2.6887	4.4402
In-107	2.8177	2.4842	2.5655	2.8972	2.8194	2.4804	2.5968	3.7732
In-108	7.3009	6.4706	6.6003	6.6437	7.4533	6.9412	7.3369	11.7083
In-108m	2.6654	2.3251	2.4099	2.4772	2.7074	2.5015	2.7547	4.4576
In-109	2.9302	2.6297	2.6956	3.2274	2.8631	2.4754	2.6247	3.4180
In-109m	1.5085	1.3667	1.3662	1.3575	1.5399	1.4646	1.6944	2.5537
In-110	6.8124	6.0558	6.1842	6.1946	6.8412	6.4714	7.0527	11.0827
In-110m	2.0593	1.8399	1.8693	1.9225	2.0513	1.9187	2.1979	3.2767
In-111	4.0322	3.6871	3.7605	4.1819	3.9526	3.3343	3.3340	4.1253
In-111m	1.5154	1.3514	1.3609	1.3980	1.5088	1.3926	1.6263	2.2143
In-112	0.3979	0.3464	0.3605	0.4394	0.3365	0.2900	0.3510	0.3715
In-112m	0.8949	0.7680	0.7996	0.9784	0.7391	0.6230	0.7097	0.6952
In-113m	1.3771	1.2137	1.2295	1.3023	1.3118	1.1536	1.2339	1.5888
In-114	0.0074	0.0064	0.0067	0.0078	0.0067	0.0058	0.0067	0.0085
In-114m	0.8036	0.7006	0.7337	0.9067	0.7207	0.6167	0.6881	0.7835
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.1916	1.0361	1.0379	1.1694	1.1091	0.9473	1.0320	1.2332
In-116m	3.1648	2.7529	2.8505	2.7560	3.3551	3.1147	3.1403	5.6118
In-117	3.1298	2.8697	2.9274	2.9030	3.1765	2.7857	2.9383	4.0886
In-117m	0.8352	0.7421	0.7523	0.8210	0.7929	0.6641	0.6896	0.8412
In-118m	4.0228	3.5303	3.6206	3.4933	4.2544	4.0191	4.1247	7.2150
In-118	0.0971	0.0846	0.0874	0.0841	0.1036	0.0968	0.0993	0.1779
In-119	1.7546	1.5727	1.6475	1.6204	1.7477	1.6680	1.8600	2.9854
In-119m	0.2163	0.1870	0.2018	0.2310	0.2003	0.1757	0.1941	0.2616
In-121	1.6672	1.4732	1.5062	1.4346	1.7355	1.6642	1.6778	2.8961
In-121m	0.7103	0.6192	0.6017	0.7511	0.5867	0.5486	0.6324	0.5818
Ir-180	3.9365	3.7354	3.9341	4.1521	3.9978	3.6055	3.9181	5.4595
Ir-182	3.7129	3.5588	3.7717	4.0546	3.7742	3.3528	3.5862	4.9252
Ir-183	3.6568	3.5173	3.9140	4.3315	3.6714	3.3570	3.8041	4.9760
Ir-184	5.6550	5.3337	5.6855	6.0507	5.7530	5.1994	5.5998	7.8418
Ir-185	3.2880	3.2042	3.8220	4.3622	3.2738	2.9137	3.4463	4.3627
Ir-186	5.4719	5.1648	5.4788	5.8297	5.5539	4.9913	5.4355	7.4585
Ir-186m	3.0861	2.9248	3.1529	3.3321	3.1391	2.9016	3.1996	4.6061
Ir-187	2.2046	2.1902	2.5635	2.9375	2.1710	1.9990	2.4025	2.8093
Ir-188	3.7687	3.5056	3.8449	4.0731	3.8611	3.5498	3.8733	5.6904
Ir-189	1.4565	1.4874	1.8402	2.1898	1.4154	1.2771	1.6102	1.7117
Ir-190	6.3141	5.8818	6.1744	6.6468	6.4139	5.8056	6.4532	8.6021
Ir-190m	0.2506	0.2388	0.4963	0.6206	0.2460	0.1543	0.2963	0.4122
Ir-190n	1.1576	1.1916	1.4126	1.6782	1.1144	1.0279	1.2807	1.3063
Ir-191m	1.4724	1.5239	1.8970	2.2451	1.4419	1.2210	1.5402	1.7962
Ir-192	3.8534	3.4771	3.4645	3.6129	3.9225	3.4174	3.6663	4.8988

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-192m	0.2828	0.2761	0.5421	0.6894	0.2783	0.1765	0.3250	0.4464
Ir-192n	0.5946	0.5821	1.1314	1.4390	0.5852	0.3741	0.6820	0.9327
Ir-193m	0.2525	0.2418	0.4937	0.6180	0.2478	0.1575	0.2975	0.4105
Ir-194	0.3494	0.3134	0.3113	0.3208	0.3580	0.3116	0.3262	0.4562
Ir-194m	8.2187	7.4339	7.4910	7.6228	8.3482	7.5161	8.3553	11.7068
Ir-195	1.1654	1.2132	1.4472	1.7178	1.1097	0.9704	1.2683	1.3635
Ir-195m	2.2792	2.1797	2.3601	2.5982	2.2675	1.9962	2.2876	2.8761
Ir-196	0.7067	0.6348	0.6424	0.6412	0.7192	0.6482	0.6890	1.0156
Ir-196m	8.8155	8.0139	8.2049	8.3427	8.9105	8.0179	8.8960	12.4839
K-38	1.3286	1.0811	1.1901	1.1635	1.4388	1.3337	1.3225	2.6791
K-40	0.1523	0.1296	0.1411	0.1401	0.1658	0.1501	0.1506	0.2931
K-42	0.2583	0.2178	0.2319	0.2287	0.2825	0.2557	0.2507	0.4979
K-43	3.1897	2.8734	2.8666	2.8704	3.2544	2.9548	3.2289	4.6395
K-44	2.1391	1.8265	1.9220	1.8532	2.3034	2.1513	2.1500	4.0531
K-45	2.6123	2.3113	2.4313	2.4955	2.7995	2.4525	2.3544	4.0810
K-46	2.0686	1.7589	1.8686	1.8035	2.2583	2.0765	2.0913	4.0878
Kr-74	2.2416	2.2201	2.3194	2.6580	2.2593	1.8959	2.0651	2.6840
Kr-75	1.9770	1.9782	2.0121	2.1310	2.0269	1.6556	1.6252	2.3936
Kr-76	2.8634	2.6983	2.9556	3.4166	2.8674	2.3502	2.6384	3.4517
Kr-77	2.0825	2.1237	2.1114	2.2532	2.1373	1.7205	1.6566	2.4155
Kr-79	1.1804	1.1540	1.3971	1.7077	1.1962	0.9597	1.1361	1.5359
Kr-81	0.4781	0.5182	0.7720	1.0766	0.4758	0.3163	0.4728	0.6020
Kr-81m	1.2530	1.1935	1.2674	1.5934	1.3346	1.0875	1.0576	1.4512
Kr-83m	0.2145	0.2272	0.3565	0.4891	0.2119	0.1391	0.2167	0.2776
Kr-85	0.0071	0.0063	0.0064	0.0064	0.0071	0.0066	0.0076	0.0104
Kr-85m	1.4834	1.4305	1.4547	1.4675	1.5302	1.2470	1.1685	1.6420
Kr-87	1.2761	1.1229	1.1555	1.1316	1.3192	1.1927	1.2329	1.9535
Kr-88	2.0374	1.7731	1.8859	2.0112	2.1879	1.9550	1.9506	3.4591
Kr-89	2.5896	2.2782	2.3527	2.3746	2.7315	2.5049	2.6010	4.3640
La-128	5.0936	4.4919	4.5206	4.5484	5.1727	4.6782	5.0709	7.4302
La-129	2.1838	1.8922	1.8881	2.0077	2.0238	1.6926	2.0647	2.3953
La-130	3.7185	3.2371	3.2749	3.2981	3.7225	3.3386	3.6942	5.3452
La-131	2.8535	2.4357	2.4427	2.6244	2.5661	2.1186	2.7307	3.0065
La-132	3.3719	2.8693	2.9395	3.0033	3.2743	2.9344	3.4853	4.7993
La-132m	2.9148	2.5872	2.6142	2.7446	2.7643	2.3546	2.7874	3.5228
La-133	1.2507	0.9510	1.0562	1.2336	0.9682	0.7304	1.2977	1.0482
La-134	0.4940	0.3719	0.3832	0.4349	0.3848	0.3036	0.5188	0.4406
La-135	1.0573	0.7588	0.7861	0.9286	0.7514	0.5495	1.0971	0.7068
La-136	0.7140	0.5169	0.5358	0.6253	0.5166	0.3854	0.7418	0.5173
La-137	0.9924	0.7074	0.7362	0.8748	0.6967	0.5035	1.0301	0.6417
La-138	1.9699	1.6306	1.7167	1.7373	1.9097	1.7044	2.0229	3.0885
La-140	3.2352	2.8050	2.9112	2.8790	3.3991	3.0976	3.2200	5.5135
La-141	0.0268	0.0230	0.0241	0.0234	0.0291	0.0268	0.0269	0.0513

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-142	2.2053	1.9022	1.9897	1.9419	2.3564	2.1990	2.3173	4.1351
La-143	0.3219	0.2803	0.2903	0.2821	0.3396	0.3188	0.3356	0.5851
Lu-165	3.5732	3.3505	3.4711	3.8089	3.5275	3.0395	3.4155	4.4561
Lu-167	4.0829	3.6527	3.9135	4.2716	4.0285	3.5253	4.0200	5.5369
Lu-169m	0.1838	0.1732	0.3688	0.4580	0.1802	0.1125	0.2199	0.3075
Lu-169	3.6192	3.3130	3.5278	3.8565	3.6295	3.2125	3.5820	5.0096
Lu-170	3.5419	3.1565	3.4153	3.6070	3.6225	3.2579	3.5896	5.6211
Lu-171m	0.1984	0.1874	0.3922	0.4865	0.1941	0.1230	0.2367	0.3280
Lu-171	3.3033	3.0983	3.5232	3.9470	3.1774	2.7723	3.4915	4.3791
Lu-172	5.1181	4.6651	4.9849	5.2797	5.1609	4.6553	5.1458	7.5317
Lu-172m	0.1652	0.1557	0.3317	0.4118	0.1620	0.1012	0.1977	0.2766
Lu-173	2.6127	2.4912	2.6221	3.0147	2.4637	2.1047	2.6128	2.7479
Lu-174	1.2487	1.1868	1.3508	1.5875	1.1670	0.9854	1.3030	1.3824
Lu-174m	1.4595	1.3957	1.8108	2.1737	1.3690	1.1188	1.5462	1.6802
Lu-176	3.6523	3.3830	3.5651	4.1273	3.7572	3.1611	3.3504	4.3522
Lu-176m	0.3261	0.3293	0.4225	0.4956	0.3070	0.2499	0.3509	0.3999
Lu-177	0.3726	0.3626	0.3863	0.4561	0.3829	0.3182	0.3320	0.4392
Lu-177m	7.8444	7.4212	7.6971	8.5849	7.9662	6.7992	7.1284	9.1818
Lu-178	0.3416	0.3270	0.3830	0.4240	0.3425	0.2927	0.3448	0.4962
Lu-178m	6.7728	6.3719	6.5026	7.1107	6.7868	5.8484	6.3855	8.1830
Lu-179	0.2258	0.2102	0.2140	0.2569	0.2390	0.2032	0.1981	0.2682
Lu-180	3.3569	3.0360	3.1955	3.3296	3.4739	3.1046	3.2413	5.0233
Lu-181	2.5984	2.4239	2.6994	2.9661	2.6131	2.2835	2.6373	3.6128
Mg-27	1.5313	1.3554	1.3977	1.3084	1.5908	1.5398	1.5749	2.7751
Mg-28	2.8690	2.3678	2.3920	2.4453	2.7145	2.4189	2.8308	3.9537
Mn-50m	4.9342	4.3267	4.4836	4.2710	5.2120	4.9345	5.0844	9.1183
Mn-51	0.0121	0.0110	0.0158	0.0176	0.0124	0.0104	0.0134	0.0216
Mn-52	4.5490	3.9958	4.2453	4.1094	4.7885	4.5072	4.7011	8.3625
Mn-52m	1.4069	1.1990	1.2678	1.2393	1.5309	1.3978	1.3896	2.6904
Mn-53	0.1484	0.1398	0.2982	0.3700	0.1455	0.0908	0.1777	0.2487
Mn-54	1.6742	1.5025	1.7081	1.6774	1.7158	1.6176	1.7923	3.0550
Mn-56	2.0984	1.8276	1.9177	1.8084	2.1909	2.0994	2.1660	3.9459
Mn-57	0.7044	0.6937	0.9052	1.0823	0.7029	0.5385	0.6674	0.9457
Mn-58m	3.3577	2.9511	3.0652	2.9175	3.5170	3.3203	3.4790	6.1103
Mo-101	2.6651	2.3730	2.4943	2.5789	2.7736	2.5276	2.6893	4.3241
Mo-102	0.1625	0.1540	0.1554	0.1740	0.1698	0.1410	0.1339	0.1840
Mo-89	0.3390	0.3003	0.3142	0.3187	0.3521	0.3263	0.3468	0.5839
Mo-90	4.0980	3.9274	4.0614	4.7961	4.0385	3.2509	3.3377	4.2268
Mo-91m	1.4539	1.2901	1.3299	1.3367	1.5223	1.4123	1.5293	2.5478
Mo-91	0.0659	0.0614	0.0727	0.1023	0.0603	0.0428	0.0499	0.0532
Mo-93	0.8198	0.7834	0.9438	1.4019	0.7139	0.4644	0.5764	0.4287
Mo-93m	4.1977	3.7513	3.8659	3.9559	4.3618	3.9455	4.1664	6.7029
Mo-99	0.5025	0.4653	0.4763	0.4942	0.5089	0.4519	0.4783	0.7178

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.8551	0.7130	0.8408	0.7786	0.9925	0.8822	0.9518	1.9866
Na-22	1.4124	1.2246	1.2721	1.2205	1.5264	1.4172	1.4373	2.6739
Na-24	2.6751	2.2489	2.4168	2.3445	2.9701	2.7099	2.7227	5.3728
Nb-87	2.5651	2.4322	2.5653	3.3532	2.6406	2.1032	2.0729	2.6654
Nb-88m	5.5802	4.9206	5.0347	4.9327	5.8035	5.4116	5.5738	9.2085
Nb-88	6.9999	6.2839	6.4398	6.6630	7.1501	6.5687	6.9432	10.7136
Nb-89	0.6505	0.5742	0.6417	0.7557	0.6647	0.5634	0.5926	0.9772
Nb-89m	1.6166	1.4555	1.5030	1.6108	1.6121	1.4481	1.6817	2.2594
Nb-90	4.6383	4.1662	4.4274	4.7499	4.8399	4.2096	4.1817	7.1272
Nb-91	0.8151	0.7866	0.9579	1.4648	0.7150	0.4606	0.5631	0.4265
Nb-91m	0.7314	0.6976	0.8364	1.2250	0.6443	0.4289	0.5243	0.4294
Nb-92	3.9065	3.5325	3.7385	4.1517	3.9106	3.5036	3.8401	5.6537
Nb-92m	2.3650	2.1458	2.3567	2.7862	2.3367	2.0275	2.1184	3.2067
Nb-93m	0.1566	0.1495	0.1891	0.2758	0.1375	0.0892	0.1152	0.0937
Nb-94m	0.5668	0.5410	0.6537	0.9650	0.4952	0.3247	0.4032	0.3111
Nb-94	3.0369	2.7225	2.7827	2.6334	3.1326	3.0253	3.2699	5.4649
Nb-95	1.5320	1.3812	1.4214	1.3268	1.5682	1.5214	1.6710	2.8049
Nb-95m	0.9942	0.9361	1.0422	1.3983	0.9451	0.7135	0.7736	0.8053
Nb-96	4.9035	4.3758	4.4715	4.3078	5.0593	4.7918	5.1571	8.3888
Nb-97	1.5547	1.4116	1.4129	1.3828	1.6026	1.5298	1.7563	2.7021
Nb-98m	4.7230	4.2015	4.3318	4.1314	4.8961	4.6537	4.9776	8.4782
Nb-99	2.4974	2.5502	2.5586	2.8517	2.4564	1.9147	1.9136	2.5456
Nb-99m	1.0280	0.9237	0.9586	0.9866	1.0656	0.9473	0.9882	1.6125
Nd-134	2.9480	2.6036	2.6098	2.8060	2.7622	2.2602	2.5548	2.9770
Nd-135	3.4647	3.0303	3.0616	3.4807	3.2952	2.7787	3.2099	3.8829
Nd-136	2.6129	2.2609	2.2282	2.5009	2.2235	1.7716	2.3446	2.4140
Nd-137	3.0850	2.6409	2.6164	2.8018	2.7951	2.4412	3.0712	3.6937
Nd-138	1.1066	0.8706	0.8543	1.0130	0.8481	0.6492	1.0226	0.7933
Nd-139	1.1347	0.9235	0.9163	1.0264	0.9484	0.7777	1.0750	1.0868
Nd-139m	4.6579	4.0969	4.0981	4.2271	4.4089	3.9101	4.5320	6.3562
Nd-140	0.9968	0.7743	0.7611	0.9100	0.7421	0.5609	0.9251	0.6758
Nd-141	1.0215	0.7963	0.7819	0.9285	0.7695	0.5871	0.9488	0.7223
Nd-141m	1.4875	1.3332	1.3651	1.2957	1.5017	1.4422	1.6119	2.6189
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.2911	1.1822	1.1309	1.2458	1.1356	0.9493	1.2031	1.3035
Nd-149	2.4475	2.2531	2.2241	2.4427	2.4190	2.0542	2.1851	2.8321
Nd-151	2.7932	2.6053	2.5727	2.6409	2.8038	2.4511	2.5497	3.7764
Nd-152	1.1367	1.0355	1.0680	1.1693	1.1336	0.9581	1.0107	1.2752
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003
Ne-24	1.7588	1.5702	1.5863	1.5847	1.7741	1.6213	1.8189	2.5253
Ni-56	5.3293	4.8753	5.2751	5.2075	5.4769	4.8591	5.1169	7.9022
Ni-57	1.7934	1.5886	1.7943	1.8446	1.9131	1.6904	1.7597	3.2296

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ni-59	0.2573	0.2423	0.5170	0.6416	0.2523	0.1575	0.3082	0.4312
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6584	0.5662	0.5898	0.5752	0.7065	0.6494	0.6431	1.1904
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.0302	4.8269	5.1665	5.7583	5.0056	4.1945	4.5441	6.5759
Np-233	1.6185	1.7036	1.8455	2.1970	1.5582	1.1740	1.3107	1.7263
Np-234	2.7814	2.6986	2.9935	3.4527	2.7881	2.2652	2.4652	3.8014
Np-235	0.5104	0.5103	0.7190	0.9989	0.4734	0.3119	0.4452	0.4789
Np-236	3.4770	3.5297	4.1345	5.1580	3.3277	2.4302	2.8160	3.4195
Np-236m	0.9069	0.9502	1.0510	1.2734	0.8686	0.6486	0.7400	0.9558
Np-237	1.2166	1.1914	1.4445	1.9243	1.0861	0.7836	1.0827	1.0860
Np-238	1.3628	1.2409	1.4088	1.6037	1.3689	1.1909	1.2651	1.9686
Np-239	2.5681	2.5942	2.8650	3.4011	2.5146	1.9251	2.1006	2.7686
Np-240	4.1531	3.9244	4.3478	4.9916	4.1138	3.4434	3.8394	5.3831
Np-240m	1.1805	1.0973	1.2352	1.4391	1.1619	0.9820	1.1658	1.5684
Np-241	0.6350	0.6532	0.7172	0.8561	0.6169	0.4638	0.5045	0.6696
Np-242	0.4190	0.3748	0.4092	0.4310	0.4296	0.3891	0.4212	0.7032
Np-242m	3.5169	3.3136	3.7669	4.3187	3.4587	2.8906	3.2272	4.5974
O-14	1.3063	1.0663	1.1734	1.1499	1.4486	1.3234	1.3120	2.6429
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.3743	2.1485	2.2126	2.5870	2.5699	2.2157	2.1346	3.3781
Os-180	1.6922	1.6910	2.0879	2.4635	1.6285	1.4327	1.8379	1.9937
Os-181	4.5563	4.3374	4.7062	5.1058	4.6106	4.2198	4.6166	6.3078
Os-182	3.0237	2.8994	3.2681	3.6873	3.0235	2.6749	3.1035	3.7784
Os-183	4.2637	4.1434	4.4689	4.9172	4.2224	3.8013	4.2540	5.1394
Os-183m	2.4216	2.2771	2.5095	2.6983	2.4648	2.3164	2.5274	3.6143
Os-185	2.4998	2.3884	2.5813	2.7786	2.5081	2.3686	2.7949	3.7145
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.2404	0.2283	0.4780	0.5965	0.2359	0.1478	0.2853	0.3976
Os-190m	6.4590	5.8939	6.2714	6.7029	6.6040	5.8419	6.5391	9.0483
Os-191	1.5757	1.6344	1.9922	2.3476	1.5428	1.3190	1.6419	1.9005
Os-191m	0.3431	0.3380	0.5881	0.7260	0.3347	0.2472	0.3994	0.5015
Os-193	0.5516	0.5441	0.6222	0.7022	0.5435	0.4757	0.5702	0.6839
Os-194	0.2734	0.2577	0.4519	0.5685	0.2574	0.1717	0.2963	0.3794
Os-196	0.5781	0.5669	0.5944	0.6614	0.5780	0.5168	0.5742	0.7017
P-30	0.0010	0.0008	0.0009	0.0009	0.0011	0.0010	0.0010	0.0020
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.6079	0.6321	0.7474	0.9646	0.5727	0.4372	0.5484	0.6087
Pa-228	5.0951	4.9119	5.3992	6.2011	5.0458	4.2195	4.7129	6.6926
Pa-229	1.3859	1.4655	1.6266	1.9922	1.3103	0.9932	1.2027	1.4598
Pa-230	2.8721	2.8154	3.0963	3.5848	2.8146	2.3407	2.6508	3.6951
Pa-231	1.0873	1.0483	1.3957	1.8761	1.0064	0.7149	0.9705	1.0782

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pa-232	2.7731	2.5677	2.8233	3.1213	2.7850	2.4227	2.6246	3.9270
Pa-233	2.2236	2.1733	2.3958	2.8562	2.1739	1.6932	1.9101	2.4161
Pa-234	5.1945	4.9600	5.4047	6.1002	5.1974	4.4005	4.7904	7.0318
Pa-234m	0.0419	0.0394	0.0431	0.0477	0.0421	0.0366	0.0390	0.0609
Pa-235	0.0869	0.0820	0.1741	0.2164	0.0852	0.0533	0.1038	0.1451
Pa-236	1.9402	1.7901	1.9629	2.1839	1.9624	1.7167	1.9370	2.9577
Pa-237	1.3906	1.2504	1.3381	1.3323	1.4208	1.3249	1.4682	2.3295
Pb-194	3.7993	3.6751	3.8898	4.3336	3.7553	3.3838	4.0189	5.1629
Pb-195m	5.8006	5.4590	5.8452	6.2446	5.7531	5.1484	5.9222	8.0203
Pb-196	3.4251	3.3757	3.5561	3.9920	3.3203	2.9623	3.6033	4.1550
Pb-197	3.7469	3.5303	3.7187	3.9330	3.7226	3.3946	3.8879	5.4028
Pb-197m	4.9565	4.7190	5.0309	5.4818	4.9003	4.3606	5.0533	6.6030
Pb-198	3.3077	3.2507	3.4372	3.8351	3.2150	2.8232	3.3769	3.9418
Pb-199	3.1076	2.9697	3.1315	3.3850	3.0605	2.7609	3.2351	4.2577
Pb-200	2.7361	2.8046	3.0528	3.4803	2.6184	2.2573	2.8102	3.1071
Pb-201	3.6081	3.4531	3.5928	3.9113	3.5417	3.1468	3.6939	4.6180
Pb-201m	1.3459	1.3036	1.3563	1.4671	1.3257	1.2256	1.5377	2.0070
Pb-202	0.2449	0.2393	0.4690	0.5971	0.2410	0.1528	0.2809	0.3857
Pb-202m	4.9288	4.4595	4.6159	4.6057	5.0174	4.6644	5.0284	7.7411
Pb-203	2.8265	2.7852	2.9138	3.2616	2.7400	2.4067	2.8788	3.2435
Pb-204m	4.5557	4.0674	4.1612	4.0418	4.6766	4.3730	4.5099	7.3109
Pb-205	0.2478	0.2422	0.4746	0.6043	0.2439	0.1546	0.2843	0.3903
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.3228	0.3261	0.5017	0.6730	0.3099	0.2076	0.3229	0.3971
Pb-211	0.1881	0.1717	0.1765	0.1756	0.1891	0.1740	0.1900	0.2816
Pb-212	1.3820	1.3658	1.3991	1.5918	1.3527	1.1746	1.3636	1.5658
Pb-214	1.5996	1.5099	1.5542	1.6967	1.5842	1.3615	1.5396	1.9187
Pd-100	2.9219	2.9386	2.8792	3.3131	2.5386	2.1057	2.8247	2.4744
Pd-101	2.3344	2.1740	2.2967	2.6381	2.1498	1.7152	2.0605	2.2222
Pd-103	0.8033	0.7660	0.8386	1.0185	0.6917	0.5016	0.6655	0.5498
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.2181	1.1294	1.1749	1.4202	1.2341	1.0079	1.0103	1.2738
Pd-109	0.4634	0.4219	0.4530	0.5647	0.3814	0.3058	0.3873	0.3486
Pd-111	0.1118	0.1012	0.1016	0.1034	0.1128	0.1045	0.1160	0.1696
Pd-112	0.3374	0.3249	0.3854	0.5181	0.2959	0.1999	0.2639	0.2151
Pd-114	0.2123	0.2050	0.1995	0.2184	0.2173	0.1821	0.1771	0.2434
Pd-96	3.5048	3.3263	3.3477	3.4765	3.4997	3.0640	3.3056	4.8982
Pd-97	3.2062	2.8561	2.9347	2.9883	3.2938	2.9507	3.0725	4.7555
Pd-98	2.7446	2.7242	2.7482	3.0213	2.6277	2.1368	2.3577	3.0019
Pd-99	2.8163	2.6817	2.7020	2.8292	2.8263	2.3866	2.4634	3.5307
Pm-136	4.8921	4.3669	4.4012	4.3244	4.9648	4.5669	4.9319	7.4636
Pm-137m	5.1708	4.6738	4.6465	4.9435	5.0458	4.3338	4.7605	6.2929
Pm-139	0.9342	0.8016	0.7994	0.8475	0.8580	0.7372	0.8788	1.0887

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pm-140m	5.1620	4.5461	4.6297	4.5103	5.2131	4.8576	5.1528	8.1481
Pm-140	0.3570	0.3069	0.3104	0.3188	0.3395	0.3034	0.3526	0.4970
Pm-141	0.7631	0.6269	0.6238	0.7004	0.6584	0.5471	0.7097	0.8081
Pm-142	0.2974	0.2403	0.2377	0.2732	0.2459	0.1978	0.2731	0.2807
Pm-143	1.5895	1.3305	1.3205	1.4423	1.3653	1.1672	1.5480	1.7654
Pm-144	4.8626	4.2891	4.2798	4.3723	4.7126	4.3190	5.1831	7.1321
Pm-145	1.0229	0.8252	0.8115	0.9706	0.7837	0.6045	0.9303	0.7291
Pm-146	2.6485	2.3123	2.3233	2.3790	2.5178	2.2634	2.6797	3.5822
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8834	0.7746	0.7963	0.7811	0.9263	0.8630	0.9193	1.5377
Pm-148m	5.2580	4.7317	4.7427	4.7153	5.3629	5.0024	5.6291	8.3387
Pm-149	0.0646	0.0583	0.0587	0.0615	0.0654	0.0562	0.0585	0.0781
Pm-150	2.8352	2.4945	2.5257	2.5006	2.9444	2.6592	2.7411	4.4115
Pm-151	1.9552	1.7792	1.7663	1.8810	1.9144	1.6354	1.7477	2.2776
Pm-152m	4.5126	4.1272	4.0993	4.2472	4.5810	4.0181	4.0957	6.0916
Pm-152	0.7841	0.7290	0.7222	0.7445	0.7805	0.6872	0.7188	1.1077
Pm-153	1.0869	1.0218	1.0103	1.1291	0.9948	0.7973	0.9411	1.0886
Pm-154	2.3923	2.0876	2.1686	2.1893	2.4239	2.2282	2.3693	3.9341
Pm-154m	4.1676	3.7457	3.8081	3.9933	4.2103	3.7324	3.9674	5.9365
Po-203	4.0403	3.8586	4.0672	4.4187	4.0203	3.6564	4.2009	5.9480
Po-204	5.4654	5.4000	5.8664	6.6036	5.2995	4.6817	5.7551	7.2234
Po-205	3.8874	3.7155	3.9014	4.1480	3.8435	3.5436	4.1180	5.8851
Po-206	4.6837	4.5105	4.8664	5.4043	4.5960	4.0665	4.8884	6.3948
Po-207	3.5457	3.3919	3.5344	3.7630	3.4946	3.2230	3.7396	5.2218
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0387	0.0371	0.0510	0.0590	0.0381	0.0310	0.0416	0.0552
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0176	0.0158	0.0160	0.0156	0.0181	0.0172	0.0188	0.0297
Po-212m	0.0658	0.0567	0.0596	0.0590	0.0711	0.0651	0.0702	0.1202
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0003
Po-215	0.0007	0.0006	0.0006	0.0006	0.0007	0.0006	0.0007	0.0009
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.6873	5.9318	5.9757	6.0481	6.7711	6.1255	6.6221	9.7219
Pr-134m	3.0419	2.6515	2.7095	2.7088	3.0609	2.7643	2.9669	4.4626
Pr-135	2.2506	1.9130	1.8845	2.0920	1.9996	1.6735	2.1831	2.3226
Pr-136	3.4044	2.9561	2.9960	3.0455	3.3738	3.0783	3.5882	5.0978
Pr-137	0.9438	0.7352	0.7360	0.8431	0.7410	0.5839	0.9130	0.7898
Pr-138	0.3206	0.2505	0.2515	0.2853	0.2535	0.2031	0.3151	0.2887
Pr-138m	5.6423	4.8876	4.9416	4.9472	5.5649	5.0497	5.5467	8.2466
Pr-139	0.9596	0.7267	0.7236	0.8589	0.7069	0.5310	0.9228	0.6598

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pr-140	0.5116	0.3872	0.3855	0.4579	0.3765	0.2825	0.4918	0.3503
Pr-142	0.0514	0.0430	0.0461	0.0457	0.0563	0.0508	0.0495	0.1000
Pr-142m	0.0117	0.0110	0.0235	0.0291	0.0114	0.0071	0.0140	0.0196
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0342	0.0298	0.0310	0.0300	0.0359	0.0339	0.0365	0.0634
Pr-144m	0.4387	0.3487	0.3913	0.4714	0.3381	0.2505	0.4198	0.3453
Pr-145	0.0471	0.0416	0.0415	0.0420	0.0456	0.0422	0.0485	0.0695
Pr-146	1.6733	1.4696	1.5117	1.4859	1.7342	1.5942	1.7002	2.7408
Pr-147	2.6663	2.3254	2.2629	2.4868	2.3739	2.0160	2.5745	2.8691
Pr-148	2.1465	1.8984	1.9047	1.9123	2.2241	1.9892	2.0582	3.1802
Pr-148m	3.3042	2.9562	2.9368	2.9738	3.3677	2.9882	3.1845	4.5112
Pt-184	5.8867	5.8261	6.5294	7.4090	5.8373	5.2149	6.1040	7.2220
Pt-186	3.1193	3.0428	3.3222	3.6589	3.1028	2.8948	3.4284	4.3429
Pt-187	3.6166	3.6014	3.9996	4.5379	3.5792	3.2447	3.7899	4.5513
Pt-188	2.4405	2.4385	2.7991	3.3095	2.4235	2.1565	2.5343	2.8686
Pt-189	3.2964	3.3018	3.7179	4.2285	3.2364	2.9581	3.5687	4.1741
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	2.8824	2.9167	3.2799	3.7665	2.8008	2.5726	3.1352	3.4344
Pt-193	0.2594	0.2513	0.5027	0.6360	0.2551	0.1611	0.3008	0.4150
Pt-193m	0.4683	0.4713	0.7526	0.9307	0.4514	0.3452	0.5420	0.6493
Pt-195m	1.8051	1.8636	2.4354	2.9300	1.7196	1.4440	1.9971	2.2184
Pt-197	0.5250	0.5393	0.6960	0.8494	0.4911	0.4005	0.5968	0.6497
Pt-197m	1.2576	1.2679	1.6555	1.9911	1.2150	1.0218	1.3826	1.5669
Pt-199	0.8013	0.7381	0.7731	0.8267	0.8113	0.7247	0.8226	1.1104
Pt-200	0.9441	0.9633	1.1456	1.3538	0.8986	0.7668	1.0187	1.1165
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.2068	1.2703	1.3795	1.6417	1.1645	0.8686	0.9521	1.2769
Pu-234	1.3707	1.4387	1.5826	1.9018	1.3196	0.9790	1.0863	1.4398
Pu-235	1.8335	1.9097	2.1285	2.5870	1.7574	1.2996	1.4690	1.9087
Pu-236	0.1641	0.1637	0.2205	0.3100	0.1505	0.0994	0.1378	0.1393
Pu-237	1.2660	1.3106	1.5170	1.8948	1.2054	0.8820	1.0324	1.2819
Pu-238	0.1513	0.1510	0.2035	0.2863	0.1388	0.0916	0.1270	0.1286
Pu-239	0.0812	0.0801	0.1204	0.1635	0.0757	0.0495	0.0744	0.0834
Pu-240	0.1424	0.1421	0.1915	0.2693	0.1306	0.0862	0.1195	0.1209
Pu-241	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
Pu-242	0.1221	0.1219	0.1642	0.2309	0.1121	0.0740	0.1025	0.1038
Pu-243	0.5071	0.5254	0.5512	0.6626	0.4506	0.3699	0.5095	0.4976
Pu-244	0.1328	0.1290	0.1647	0.2200	0.1256	0.0911	0.1162	0.1361
Pu-245	1.7680	1.6677	1.7158	1.8478	1.7739	1.5031	1.6005	2.2890
Pu-246	2.1818	2.1284	2.2673	2.7387	2.0899	1.6201	1.7840	2.1809
Ra-219	1.1423	1.0795	1.0875	1.1940	1.1301	0.9500	1.0735	1.3417
Ra-220	0.0169	0.0152	0.0154	0.0155	0.0170	0.0154	0.0173	0.0234
Ra-221	0.6909	0.7045	0.8386	1.0218	0.6713	0.5125	0.6208	0.7590

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ra-222	0.0510	0.0460	0.0454	0.0478	0.0518	0.0438	0.0460	0.0611
Ra-223	1.6029	1.6239	1.7370	1.9853	1.5292	1.2638	1.5560	1.8098
Ra-224	0.0791	0.0745	0.0755	0.0837	0.0810	0.0695	0.0703	0.0903
Ra-225	0.5457	0.4863	0.5116	0.6733	0.4493	0.3339	0.4439	0.3973
Ra-226	1.2335	1.1383	1.1149	1.1718	1.3420	1.3873	1.3139	1.2895
Ra-227	1.5813	1.4983	1.7762	2.2252	1.4907	1.1596	1.4346	1.6850
Ra-228	1.2374	1.1523	1.1196	1.1723	1.3334	1.3667	1.3072	1.2693
Ra-230	0.8022	0.8075	0.8754	1.0356	0.7777	0.6467	0.7632	0.9073
Rb-77	2.0572	1.9907	1.9598	2.1188	2.0809	1.9410	2.0539	2.6707
Rb-78m	3.8484	3.4193	3.5020	3.4581	3.9834	3.6715	3.9335	6.3482
Rb-78	2.8399	2.4741	2.6036	2.5890	2.9966	2.7373	2.9288	4.9753
Rb-79	2.6566	2.5333	2.6240	2.8389	2.7319	2.3333	2.4392	3.5101
Rb-80	0.4599	0.4191	0.4203	0.4215	0.4735	0.4469	0.5188	0.7755
Rb-81	1.0559	1.0290	1.1465	1.3940	1.0622	0.8853	1.0300	1.3846
Rb-81m	0.4903	0.5426	0.6135	0.9063	0.4710	0.3366	0.4184	0.4508
Rb-82	0.2699	0.2477	0.2621	0.2620	0.2763	0.2612	0.2880	0.4803
Rb-82m	5.4472	4.9542	5.1668	5.2805	5.6283	5.2363	5.7470	9.2443
Rb-83	1.9685	1.8791	2.0558	2.4116	1.9840	1.7116	2.0530	2.7575
Rb-84	1.4016	1.3238	1.4596	1.6325	1.4398	1.2980	1.3999	2.2957
Rb-84m	2.2622	2.1083	2.1359	2.3972	2.3273	2.0068	2.0482	2.7064
Rb-86m	1.5808	1.4239	1.4290	1.4391	1.6082	1.4963	1.7425	2.4605
Rb-86	0.1285	0.1114	0.1145	0.1093	0.1368	0.1305	0.1264	0.2315
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.5697	0.4815	0.5136	0.4949	0.6063	0.5699	0.5689	1.0982
Rb-89	2.4490	2.1115	2.1946	2.1107	2.6231	2.4701	2.4575	4.5213
Rb-90	1.2990	1.1209	1.1962	1.1256	1.3926	1.3119	1.3564	2.5875
Rb-90m	3.0314	2.6350	2.7783	2.6368	3.2160	3.0398	3.1447	5.8154
Re-178	3.2358	3.0650	3.3736	3.6891	3.2966	2.9286	3.1943	4.5172
Re-179	4.2300	3.9475	4.2292	4.5754	4.2504	3.7920	4.2048	5.5207
Re-180	3.3256	3.1638	3.5186	3.7596	3.3390	3.0740	3.4260	4.9384
Re-181	4.0285	3.8090	4.1573	4.5459	4.0098	3.5973	4.0783	5.1710
Re-182	7.6639	7.3303	7.9258	8.7516	7.7637	6.8719	7.4474	9.8169
Re-182m	3.7060	3.5864	3.9108	4.2862	3.7028	3.4083	3.8464	5.0664
Re-183	2.6282	2.5993	3.0967	3.5886	2.5601	2.2101	2.6817	2.9997
Re-184	2.9913	2.8584	3.1477	3.3596	2.9895	2.7715	3.1227	4.3939
Re-184m	2.6573	2.5942	3.0275	3.4274	2.6483	2.3076	2.6733	3.3803
Re-186	0.3088	0.3145	0.3520	0.3960	0.3075	0.2610	0.2921	0.3576
Re-186m	0.9218	0.8863	1.5286	1.8869	0.8867	0.6365	1.0350	1.3079
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4058	0.3902	0.4276	0.4408	0.4144	0.3523	0.3633	0.4939
Re-188m	1.5412	1.5814	2.0113	2.3782	1.4961	1.3021	1.6638	1.8585
Re-189	0.4722	0.4484	0.5031	0.5830	0.4854	0.4129	0.4448	0.5726
Re-190	4.7396	4.3223	4.4238	4.6531	4.8820	4.3873	4.6796	6.7228

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Re-190m	3.8795	3.6141	3.8239	4.0980	3.9431	3.5237	3.8955	5.3193
Rh-100m	1.2608	1.1828	1.2645	1.5118	1.0783	0.8167	1.1191	0.9480
Rh-100	4.3387	3.8523	4.0516	4.2361	4.4099	3.9327	4.3315	6.6558
Rh-101	3.3527	3.2536	3.3074	3.9601	3.3601	2.6734	2.7428	3.4649
Rh-101m	2.2985	2.1109	2.1743	2.4654	2.2278	1.7913	1.9854	2.3154
Rh-102	1.5154	1.3872	1.4556	1.6086	1.4616	1.2452	1.4586	1.8103
Rh-102m	5.7600	5.2083	5.3535	5.5010	5.7837	5.2654	5.9075	8.6064
Rh-103m	0.1035	0.0984	0.1246	0.1523	0.0911	0.0644	0.0922	0.0881
Rh-104	0.0376	0.0340	0.0346	0.0357	0.0378	0.0344	0.0402	0.0556
Rh-104m	1.3239	1.2539	1.2489	1.4837	1.1624	0.9067	1.1684	1.0178
Rh-105	0.4246	0.3783	0.3691	0.3846	0.4339	0.3666	0.3784	0.5059
Rh-106	0.5464	0.4895	0.4923	0.4924	0.5572	0.5191	0.5961	0.8566
Rh-106m	5.8320	5.1842	5.2849	5.1866	6.0163	5.6127	6.0667	9.5693
Rh-107	1.6365	1.4691	1.4411	1.4886	1.6709	1.4319	1.4735	1.9855
Rh-108	1.0501	0.9425	0.9482	0.9437	1.0618	0.9686	1.0719	1.5105
Rh-109	1.7855	1.6227	1.6058	1.6985	1.8035	1.5274	1.5768	2.0851
Rh-94	3.4982	3.0542	3.1651	3.0768	3.7102	3.4345	3.5138	6.2805
Rh-95	2.4662	2.1657	2.2655	2.2549	2.5724	2.3816	2.4427	4.2395
Rh-95m	1.6060	1.4396	1.4669	1.4813	1.6289	1.4993	1.7308	2.4993
Rh-96	6.0127	5.3960	5.5300	5.3932	6.1877	5.8580	6.4569	10.4907
Rh-96m	1.5313	1.3674	1.4500	1.4780	1.5392	1.3952	1.5091	2.4330
Rh-97	2.3029	2.0712	2.1454	2.2114	2.2985	2.0379	2.2008	3.1733
Rh-97m	3.4483	3.0861	3.2669	3.5792	3.5361	3.0601	3.1969	4.9118
Rh-98	1.8039	1.6287	1.6498	1.6413	1.8556	1.7472	1.9870	3.0838
Rh-99	3.1866	3.0087	3.1037	3.4882	3.0281	2.5028	2.9337	3.4583
Rh-99m	2.6024	2.3780	2.4568	2.7076	2.5451	2.1240	2.3633	3.0163
Rn-207	3.3183	3.1546	3.2364	3.4527	3.2647	2.9034	3.3957	4.5350
Rn-209	3.6512	3.4731	3.5955	3.8266	3.5880	3.2027	3.7343	5.0734
Rn-210	0.2579	0.2495	0.2652	0.2953	0.2524	0.2226	0.2680	0.3488
Rn-211	4.5147	4.2278	4.4176	4.6425	4.5435	4.1307	4.6983	6.9397
Rn-212	0.0008	0.0007	0.0007	0.0007	0.0008	0.0008	0.0009	0.0014
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0020	0.0018	0.0018	0.0018	0.0020	0.0019	0.0022	0.0033
Rn-219	0.3324	0.3076	0.3084	0.3215	0.3346	0.2914	0.3062	0.3990
Rn-220	1.3732	1.3030	1.2526	1.2912	1.4593	1.5000	1.4146	1.3708
Rn-222	0.0013	0.0011	0.0011	0.0012	0.0013	0.0012	0.0014	0.0018
Rn-223	1.6869	1.6440	1.8838	2.1871	1.6604	1.3861	1.6789	2.2376
Ru-103	1.6205	1.4481	1.4596	1.4762	1.6324	1.4969	1.7366	2.3512
Ru-105	2.2229	2.0230	2.0436	2.0451	2.2514	2.0524	2.2564	3.3363
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8777	0.7892	0.8042	0.8380	0.9123	0.8233	0.8482	1.3085

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ru-108	0.7101	0.6818	0.7045	0.7295	0.7192	0.5837	0.5658	0.7431
Ru-92	7.1527	6.6926	6.8427	7.8566	7.1439	5.9261	6.1305	7.9696
Ru-94	2.5025	2.2889	2.4141	2.7198	2.4256	2.0153	2.2126	2.8192
Ru-95	3.2515	2.9342	3.0433	3.3145	3.2502	2.7882	3.0047	4.2276
Ru-97	2.4780	2.3135	2.4461	3.0563	2.4685	1.9722	2.0709	2.4474
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.1731	0.9677	1.0741	1.0240	1.3183	1.2094	1.2504	2.6235
S-38	1.1752	0.9574	1.0501	1.0265	1.2467	1.1671	1.1540	2.3521
Sb-111	2.5540	2.3298	2.3770	2.3972	2.5476	2.2238	2.2808	3.2269
Sb-113	2.1178	1.8587	1.8748	1.9876	2.0476	1.8535	2.1189	2.7835
Sb-114	2.4273	2.0934	2.1707	2.1512	2.5321	2.3454	2.4103	4.2418
Sb-115	2.2768	1.9739	2.0031	2.1860	2.1330	1.9372	2.2749	2.8410
Sb-116	2.2619	1.9230	2.0043	2.0565	2.2882	2.1189	2.1998	3.7509
Sb-116m	6.6003	5.8486	5.9422	6.1606	6.5248	5.9335	6.2132	9.5969
Sb-117	2.4078	2.1324	2.2080	2.4229	2.1980	1.8406	1.8877	2.2052
Sb-118	0.3018	0.2459	0.2536	0.3181	0.2432	0.2169	0.2577	0.2754
Sb-118m	6.5278	5.6384	5.6683	6.0637	6.2983	5.7182	5.9411	8.6037
Sb-119	1.1142	0.9044	0.9629	1.2772	0.8373	0.7226	0.9083	0.7842
Sb-120	0.5619	0.4515	0.4654	0.6122	0.4248	0.3740	0.4605	0.4136
Sb-120m	6.5970	5.9498	5.9865	6.6030	6.5203	5.8721	6.0983	9.0014
Sb-122m	1.7665	1.6061	1.5667	1.9129	1.4628	1.3760	1.7341	1.4309
Sb-122	1.2363	1.1102	1.1134	1.1184	1.2545	1.1721	1.3612	1.9447
Sb-124	2.8393	2.5054	2.5617	2.5282	2.9659	2.7778	3.0542	5.0094
Sb-124m	1.2257	1.1064	1.1418	1.1539	1.2499	1.1624	1.3644	1.9725
Sb-124n	0.0407	0.0384	0.0818	0.1015	0.0399	0.0249	0.0488	0.0682
Sb-125	2.0831	1.7831	1.8011	1.9530	1.9189	1.6990	2.0566	2.4924
Sb-126	6.7806	6.1152	6.1709	6.0042	6.9397	6.5419	7.2671	11.2089
Sb-126m	4.1197	3.7165	3.7494	3.6663	4.2015	3.9291	4.3729	6.6026
Sb-127	1.9469	1.7509	1.7645	1.7450	1.9697	1.8348	2.0473	3.0161
Sb-128	7.4686	6.7135	6.7754	6.6141	7.6578	7.1728	7.9148	12.3128
Sb-128m	4.8490	4.3489	4.3886	4.2757	4.9641	4.6018	4.9840	7.8093
Sb-129	2.5122	2.2229	2.2853	2.1976	2.6063	2.4696	2.5963	4.3872
Sb-130m	5.3802	4.8022	4.9497	4.8006	5.5602	5.2496	5.4686	9.1864
Sb-130	7.8785	7.0476	7.1934	7.1398	8.1049	7.4508	7.8042	12.4102
Sb-131	3.0940	2.7165	2.7882	2.6987	3.2405	3.0537	3.1518	5.4301
Sb-133	3.1755	2.7480	2.8608	2.7592	3.3785	3.1581	3.1907	5.7836
Sc-42m	4.4717	3.8905	4.0251	3.9459	4.7229	4.3109	4.4226	7.6099
Sc-43	0.3857	0.3453	0.3538	0.3589	0.3897	0.3384	0.3552	0.4910
Sc-44	1.4720	1.2772	1.3223	1.2664	1.5765	1.4859	1.4714	2.7088
Sc-44m	1.5280	1.3947	1.3795	1.4228	1.5726	1.3645	1.3546	1.8133
Sc-46	2.9921	2.6212	2.7009	2.5519	3.1511	3.0222	3.0242	5.4425
Sc-47	1.0989	1.0417	1.0817	1.0375	1.1419	0.9324	0.8404	1.1897
Sc-48	4.5523	3.9532	4.0757	3.9094	4.8531	4.5940	4.4751	8.1951

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sc-49	0.0008	0.0007	0.0007	0.0007	0.0009	0.0008	0.0008	0.0016
Sc-50	4.3231	3.7486	3.8790	3.8150	4.5779	4.2360	4.3917	7.5962
Se-70	2.4112	2.2510	2.9570	3.4739	2.3678	1.8529	2.4042	3.1239
Se-71	1.6117	1.5001	1.5524	1.5220	1.6779	1.4735	1.4500	2.3611
Se-72	1.3613	1.2647	1.8451	2.3095	1.2452	0.8838	1.3832	1.6109
Se-73	2.6760	2.5511	2.6975	2.9419	2.6511	2.3730	2.6729	3.2323
Se-73m	0.3513	0.3405	0.4375	0.5139	0.3493	0.2859	0.3622	0.4764
Se-75	3.4255	3.3112	3.7584	4.1467	3.4882	2.8259	3.0484	4.2115
Se-77m	1.0822	1.0434	1.2411	1.3554	1.1163	0.8752	0.9025	1.2559
Se-79m	0.5251	0.5488	0.8361	1.0719	0.5163	0.3547	0.5325	0.7134
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0315	0.0285	0.0283	0.0287	0.0324	0.0288	0.0300	0.0423
Se-81m	0.5808	0.6085	0.8951	1.1323	0.5760	0.3980	0.5623	0.7819
Se-83m	1.5166	1.3237	1.3559	1.3188	1.5878	1.4869	1.5002	2.5754
Se-83	5.2439	4.6496	4.7377	4.7520	5.4383	4.9635	5.2106	8.2048
Se-84	1.6904	1.5149	1.5280	1.5113	1.6986	1.5145	1.5940	2.2177
Si-31	0.0010	0.0009	0.0009	0.0009	0.0011	0.0010	0.0010	0.0019
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.6627	2.3601	2.3470	2.4410	2.6427	2.3224	2.5270	3.4623
Sm-140	1.7939	1.5576	1.5347	1.7095	1.6249	1.3573	1.6099	1.9132
Sm-141	2.3788	2.0710	2.0876	2.1403	2.3134	2.0430	2.2511	3.1443
Sm-141m	4.7118	4.1566	4.2133	4.5766	4.6963	4.1544	4.4718	6.4580
Sm-142	0.9452	0.7752	0.7452	0.8922	0.7363	0.5719	0.8222	0.6822
Sm-143	0.6147	0.5065	0.4903	0.5757	0.4951	0.3938	0.5403	0.5027
Sm-143m	1.4824	1.3317	1.3608	1.2968	1.4967	1.4353	1.5993	2.5949
Sm-145	1.9220	1.6033	1.5290	1.8279	1.5154	1.2069	1.6931	1.3909
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0013	0.0013	0.0023	0.0029	0.0013	0.0008	0.0015	0.0019
Sm-153	1.2906	1.2142	1.1626	1.3144	1.1317	0.9010	1.0766	1.1795
Sm-155	1.4022	1.4470	1.3874	1.4705	1.3541	1.0706	1.0842	1.5430
Sm-156	1.3230	1.2659	1.3249	1.5171	1.2880	1.0687	1.2036	1.4580
Sm-157	2.2235	2.0269	2.0387	2.4035	2.2801	1.9388	1.9708	2.6789
Sn-106	3.9552	3.5258	3.5517	3.8229	3.8125	3.3964	3.6287	4.9240
Sn-108	3.9407	3.5321	3.5610	3.8628	3.7573	3.2784	3.4826	4.4762
Sn-109	3.3773	2.8881	2.9971	3.1622	3.3383	3.0493	3.1891	5.0861
Sn-110	2.5325	2.2274	2.2234	2.5172	2.3632	2.0292	2.1638	2.5256
Sn-111	0.8213	0.6867	0.7145	0.8796	0.6841	0.6018	0.6982	0.7862
Sn-113	0.9127	0.7595	0.7872	1.0285	0.7037	0.6027	0.7336	0.6366
Sn-113m	0.6327	0.5117	0.5388	0.7149	0.4730	0.4107	0.5186	0.4429
Sn-117m	2.2558	2.0174	2.0986	2.2645	2.0955	1.7448	1.7630	2.1110
Sn-119m	0.7372	0.6065	0.6706	0.8857	0.5628	0.4804	0.6048	0.5435

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2376	0.1887	0.2154	0.2770	0.1791	0.1454	0.2125	0.1802
Sn-123	0.0095	0.0082	0.0084	0.0080	0.0101	0.0096	0.0093	0.0170
Sn-123m	1.5159	1.4134	1.4660	1.4544	1.5349	1.2571	1.1754	1.5890
Sn-125m	1.7140	1.5232	1.4949	1.5445	1.7444	1.4876	1.5411	2.0869
Sn-125	0.4977	0.4345	0.4474	0.4280	0.5221	0.4954	0.4972	0.8784
Sn-126	1.1941	1.1571	1.1465	1.3300	1.0132	0.8861	1.1620	1.1186
Sn-127m	1.6000	1.4217	1.4393	1.4503	1.6196	1.4813	1.6889	2.3525
Sn-127	3.1967	2.8189	2.8871	2.8378	3.3237	3.0922	3.1729	5.2943
Sn-128	4.0137	3.4444	3.4264	3.9072	3.4771	3.0995	3.8954	4.1766
Sn-129	1.9911	1.7877	1.8012	1.7637	2.0668	1.9559	2.1776	3.4529
Sn-130	4.0987	3.7149	3.7316	4.1372	4.0192	3.6359	3.9597	5.2788
Sn-130m	2.4698	2.2169	2.2231	2.3157	2.3864	2.1685	2.3751	3.3885
Sr-79	1.6413	1.5785	1.5482	1.8049	1.5730	1.2703	1.3681	1.7107
Sr-80	1.5778	1.5362	1.6297	1.9924	1.5943	1.3417	1.5184	2.0277
Sr-81	2.3528	2.2210	2.2670	2.3541	2.4263	2.0679	2.0580	2.9734
Sr-82	0.5158	0.5796	0.6771	1.0498	0.5004	0.3384	0.4150	0.4402
Sr-83	1.9056	1.8634	2.0161	2.4853	1.9109	1.6057	1.7842	2.5464
Sr-85	2.0823	1.9821	2.0916	2.4854	2.0820	1.7925	2.1084	2.7468
Sr-85m	1.7188	1.6153	1.6473	1.8760	1.7934	1.5149	1.4715	1.9652
Sr-87m	1.4728	1.3366	1.3650	1.4317	1.4743	1.2786	1.3380	1.8245
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0003
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2472	1.1058	1.1279	1.0790	1.3011	1.2463	1.2961	2.2062
Sr-92	1.4715	1.2675	1.3249	1.2910	1.5893	1.4601	1.4614	2.7349
Sr-93	4.1179	3.6797	3.7845	3.7801	4.2759	3.9516	4.2119	6.7964
Sr-94	1.4673	1.2567	1.3219	1.2870	1.5899	1.4611	1.4685	2.8026
Ta-170	1.6306	1.5717	1.7473	1.9441	1.6309	1.4145	1.5808	2.1551
Ta-172	3.7920	3.5203	3.8005	4.1788	3.8774	3.4462	3.7282	5.3661
Ta-173	2.7189	2.6140	2.9609	3.3605	2.6631	2.3397	2.7735	3.3257
Ta-174	2.9120	2.7552	3.0404	3.5488	2.9528	2.5610	2.8521	3.7204
Ta-175	3.9036	3.6760	3.9158	4.3285	3.9033	3.4757	3.8691	5.0715
Ta-176	3.8050	3.4682	3.8100	4.0876	3.8946	3.5214	3.8926	5.9014
Ta-177	1.2137	1.2009	1.3410	1.5731	1.1589	1.0202	1.2522	1.3120
Ta-178	1.2621	1.2426	1.4140	1.6558	1.2033	1.0602	1.3238	1.4094
Ta-178m	8.0730	7.6225	7.8663	8.6790	8.0380	6.9536	7.7142	9.6010
Ta-179	0.6189	0.6057	0.7657	0.9176	0.5888	0.5020	0.6675	0.7075
Ta-180	1.0208	1.0110	1.1548	1.3612	0.9677	0.8503	1.0719	1.1031
Ta-182	3.2661	3.1038	3.3023	3.5218	3.3294	3.0407	3.2764	4.7056
Ta-182m	3.4651	3.3505	3.9179	4.4511	3.4872	2.9050	3.2543	4.0236
Ta-183	3.2815	3.1832	3.6274	4.1024	3.2547	2.7712	3.1700	3.8249
Ta-184	5.9355	5.4762	5.7924	6.0398	6.0359	5.3594	5.7079	8.1562
Ta-185	1.8051	1.7496	2.0653	2.3695	1.8222	1.5372	1.7328	2.1418

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ta-186	5.5488	5.1378	5.2853	5.7429	5.7303	5.0918	5.4372	7.7789
Tb-146	3.1425	2.6797	2.8070	2.7961	3.3261	3.0253	3.0522	5.5867
Tb-147m	2.1203	1.8099	1.8746	1.9544	2.1270	1.8782	2.0303	3.3328
Tb-147	3.8949	3.4765	3.5103	3.5789	3.9124	3.5062	3.7570	5.8360
Tb-148m	7.2629	6.5034	6.5878	6.4908	7.2924	6.7609	7.4193	11.3502
Tb-148	3.0699	2.7022	2.7793	2.7456	3.0894	2.8747	3.1649	5.0844
Tb-149m	3.0999	2.7688	2.8149	2.8277	3.0220	2.7846	3.1775	4.7426
Tb-149	3.6735	3.2604	3.3074	3.4233	3.6191	3.1781	3.4576	4.9448
Tb-150m	7.4405	6.6809	6.6959	6.7822	7.4261	6.7934	7.7664	11.0301
Tb-150	3.5509	3.1130	3.1714	3.2518	3.5568	3.2337	3.6624	5.5891
Tb-151	4.8961	4.4283	4.4097	4.7167	4.7273	4.0641	4.5493	5.8904
Tb-151m	0.8308	0.7551	1.0472	1.2397	0.7802	0.5966	0.8553	1.0568
Tb-152m	4.3791	3.9329	3.9731	4.2559	4.2465	3.6215	4.0414	5.0584
Tb-152	3.3302	2.9220	2.9368	3.0745	3.2768	2.8575	3.1338	4.4158
Tb-153	2.8745	2.6110	2.6344	3.0190	2.6831	2.2161	2.5772	3.0370
Tb-154	3.6590	3.2229	3.2894	3.4522	3.6064	3.1735	3.4843	5.3483
Tb-155	2.7636	2.5959	2.5655	2.8845	2.4967	2.0251	2.4476	2.6927
Tb-156	5.6047	4.9986	5.0792	5.4852	5.5325	4.8532	5.3986	7.5658
Tb-156m	0.7868	0.7068	0.6292	0.7348	0.6971	0.5644	0.7397	0.6791
Tb-156n	0.2027	0.1883	0.3114	0.3807	0.1880	0.1306	0.2191	0.2720
Tb-157	0.2324	0.2085	0.3147	0.3855	0.2078	0.1472	0.2367	0.2754
Tb-158	2.7044	2.4152	2.4914	2.6819	2.5644	2.2567	2.5920	3.5376
Tb-160	2.6014	2.3383	2.4075	2.4621	2.6504	2.4052	2.5404	3.9510
Tb-161	1.0225	0.9170	1.0256	1.2532	0.8678	0.7133	0.9841	0.9544
Tb-162	3.5185	3.2072	3.2713	3.3211	3.5791	3.2451	3.3995	5.0396
Tb-163	3.2072	2.8808	2.8929	2.9432	3.2285	2.8655	3.1267	4.2570
Tb-164	5.7580	5.2022	5.3555	5.4684	5.9156	5.3726	5.7910	8.8776
Tb-165	1.2595	1.1060	1.1978	1.2247	1.3236	1.1937	1.2686	2.1399
Tc-101	1.7781	1.5995	1.5653	1.6304	1.8210	1.5528	1.6033	2.1614
Tc-102m	3.8972	3.4215	3.5091	3.4666	4.0537	3.7544	4.0470	6.4973
Tc-102	0.1869	0.1661	0.1686	0.1672	0.1910	0.1762	0.1945	0.2883
Tc-104	3.7676	3.3099	3.3795	3.3613	3.9143	3.5242	3.6688	5.8453
Tc-105	2.8495	2.6635	2.6786	2.7746	2.8870	2.4915	2.5969	3.7022
Tc-91	1.3222	1.1275	1.2070	1.2065	1.4204	1.2926	1.3117	2.4471
Tc-91m	1.0787	0.9587	0.9788	0.9971	1.0960	1.0022	1.1361	1.6278
Tc-92	6.1040	5.5359	5.6584	5.6929	6.3061	5.5748	5.7249	9.1293
Tc-93	2.1706	1.9320	2.1250	2.4425	2.2018	1.8529	1.9635	3.1557
Tc-93m	1.6867	1.5067	1.5913	1.7112	1.6950	1.4535	1.5384	2.2347
Tc-94	5.5575	5.0187	5.2576	5.3615	5.6132	5.2227	5.6737	9.0812
Tc-94m	1.9895	1.7683	1.8707	1.8920	2.0352	1.8932	1.9777	3.3568
Tc-95	2.3806	2.1925	2.3751	2.6759	2.3137	2.0198	2.2907	3.2919
Tc-95m	3.0374	2.8043	2.9845	3.5950	3.0458	2.5696	2.7683	3.7305
Tc-96	5.4683	4.9458	5.2218	5.3177	5.4953	5.1016	5.5366	8.9378

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-96m	0.4949	0.4702	0.5409	0.7029	0.4437	0.3216	0.4033	0.3903
Tc-97	0.7989	0.7669	0.9037	1.2790	0.6969	0.4632	0.5893	0.4515
Tc-97m	0.6048	0.5816	0.6723	0.9037	0.5277	0.3601	0.4675	0.3729
Tc-98	3.1250	2.8309	2.8629	2.7518	3.2115	3.0849	3.4890	5.5409
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.4644	1.4692	1.4519	1.5015	1.4946	1.2012	1.1265	1.6014
Te-113	1.6743	1.4459	1.5038	1.4722	1.7396	1.6310	1.6912	2.9538
Te-114	3.1998	2.7385	2.8128	3.1274	2.9302	2.6151	3.0264	3.9658
Te-115	2.6630	2.3154	2.3775	2.4247	2.7102	2.4960	2.6518	4.2806
Te-115m	3.0263	2.6058	2.7009	2.7076	3.0600	2.8561	3.0532	5.0706
Te-116	2.0333	1.7439	1.7536	2.1358	1.6213	1.3698	1.7763	1.6854
Te-117	2.4056	2.0484	2.1180	2.2236	2.3035	2.1375	2.4126	3.6277
Te-118	0.9029	0.7039	0.7284	0.9534	0.6592	0.5575	0.7764	0.6055
Te-119	2.4884	2.1373	2.1640	2.3636	2.2956	2.1148	2.5580	3.3607
Te-119m	4.1118	3.6068	3.6943	3.8465	4.0119	3.5348	3.6703	5.3155
Te-121	2.5307	2.1649	2.1916	2.4281	2.3060	2.0917	2.5669	3.1235
Te-121m	2.0720	1.8057	1.8619	2.3076	1.9866	1.6700	1.8214	2.1430
Te-123	0.0368	0.0345	0.0722	0.0896	0.0357	0.0226	0.0436	0.0602
Te-123m	1.9874	1.7687	1.8578	1.9455	1.8676	1.5203	1.6167	1.9039
Te-125m	1.5647	1.1906	1.2407	1.5824	1.1313	0.9165	1.4290	1.0456
Te-127	0.0219	0.0195	0.0196	0.0202	0.0217	0.0192	0.0207	0.0276
Te-127m	0.4983	0.3836	0.4190	0.5339	0.3658	0.2949	0.4608	0.3530
Te-129	0.4328	0.3615	0.4046	0.4688	0.3770	0.3196	0.4198	0.4630
Te-129m	0.4262	0.3357	0.3583	0.4387	0.3304	0.2769	0.4035	0.3660
Te-131	1.9994	1.8461	1.8676	1.8660	2.0068	1.7149	1.7510	2.4563
Te-131m	3.4359	3.0668	3.1251	3.1381	3.4456	3.1695	3.4219	5.3080
Te-132	2.6105	2.2434	2.2407	2.6414	2.4005	2.0046	2.3491	2.5090
Te-133	2.7166	2.3964	2.4133	2.4129	2.7982	2.5029	2.5987	3.9933
Te-133m	3.9108	3.4506	3.5193	3.5006	3.9668	3.6704	3.8992	6.1561
Te-134	3.5817	3.2329	3.2363	3.4567	3.5241	3.1569	3.5642	4.7371
Th-223	1.3636	1.4290	1.5794	1.8974	1.2908	1.0065	1.2403	1.4701
Th-224	0.2355	0.2262	0.2457	0.2865	0.2401	0.1935	0.1984	0.2610
Th-226	0.1832	0.1874	0.2252	0.2903	0.1768	0.1292	0.1539	0.1896
Th-227	1.6872	1.6451	1.9371	2.4481	1.6400	1.2637	1.5071	1.7846
Th-228	0.1500	0.1521	0.2038	0.2821	0.1401	0.0965	0.1332	0.1442
Th-229	2.1683	2.2263	2.6776	3.4183	2.0500	1.5331	1.9776	2.2876
Th-230	1.0265	1.0695	0.9802	0.9586	1.0619	1.1069	1.0017	0.9560
Th-231	1.2795	1.2648	1.6368	2.2447	1.1537	0.8175	1.1224	1.1620
Th-232	1.1043	1.0122	0.9923	1.0479	1.2054	1.2436	1.1862	1.1444
Th-233	0.3944	0.3803	0.4915	0.6057	0.3718	0.2833	0.3824	0.4640
Th-234	0.2674	0.2792	0.3230	0.4136	0.2521	0.1991	0.2451	0.2627
Th-235	0.1683	0.1559	0.1606	0.1640	0.1699	0.1534	0.1693	0.2513
Th-236	0.3018	0.3028	0.3338	0.3980	0.2970	0.2336	0.2623	0.3495

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-44	2.2046	2.3776	2.1429	2.3750	1.9449	1.9556	2.6630	2.2275
Ti-45	0.0171	0.0158	0.0289	0.0346	0.0171	0.0123	0.0197	0.0292
Ti-51	1.7241	1.5327	1.4998	1.5481	1.7672	1.5092	1.5562	2.1426
Ti-52	1.7759	1.8498	1.8491	2.0972	1.7776	1.3885	1.3858	1.9575
Tl-190	2.3652	2.1985	2.2738	2.3574	2.3542	2.1435	2.4269	3.2635
Tl-190m	6.0896	5.6067	5.7389	5.8531	6.1508	5.6791	6.4098	9.1434
Tl-194	2.4782	2.3580	2.4658	2.6283	2.4338	2.2225	2.6268	3.3276
Tl-194m	7.8203	7.3178	7.6106	7.9222	7.8475	7.1977	8.2860	11.5721
Tl-195	3.2059	3.0711	3.4754	3.8696	3.1715	2.8449	3.4473	4.6282
Tl-196	3.9413	3.6581	3.8540	4.0502	3.9500	3.6097	4.1071	5.7826
Tl-197	2.4038	2.4009	2.5935	2.9004	2.3118	2.0936	2.6101	3.0388
Tl-198	4.2891	3.9831	4.2089	4.4211	4.3066	3.9364	4.4538	6.3381
Tl-198m	5.1756	4.8954	5.1967	5.5967	5.1476	4.6384	5.4885	7.1609
Tl-199	2.3169	2.3289	2.5305	2.9095	2.2258	1.9883	2.4817	2.7298
Tl-200	4.0264	3.7852	3.9657	4.2024	4.0152	3.6366	4.1508	5.6141
Tl-201	1.7284	1.8034	2.0600	2.4268	1.6148	1.4262	1.9273	1.9651
Tl-202	2.7072	2.6198	2.7785	3.0339	2.6165	2.3669	2.8816	3.3925
Tl-204	0.0269	0.0284	0.0333	0.0399	0.0248	0.0220	0.0312	0.0310
Tl-206m	8.0465	7.3583	7.4901	7.8363	8.2488	7.4590	7.9428	11.3671
Tl-206	0.0013	0.0014	0.0015	0.0018	0.0012	0.0011	0.0015	0.0015
Tl-207	0.0041	0.0036	0.0037	0.0035	0.0042	0.0041	0.0042	0.0073
Tl-208	3.4679	3.0423	3.1651	3.1580	3.6822	3.3844	3.7028	6.0542
Tl-209	4.5561	4.2683	4.3114	4.4450	4.6843	4.1001	4.3036	6.7545
Tl-210	5.0006	4.4878	4.7011	4.7311	5.1760	4.7106	4.9764	8.0961
Tm-161	4.8888	4.4825	4.6290	5.1807	4.6772	3.9305	4.6334	5.7303
Tm-162	2.7414	2.4719	2.6076	2.7491	2.7570	2.4281	2.6885	4.1276
Tm-163	4.2379	3.8801	3.9829	4.3352	4.1427	3.5834	4.1149	5.4568
Tm-164	1.1211	1.0230	1.0887	1.2185	1.0710	0.9072	1.1054	1.4102
Tm-165	3.4733	3.1665	3.2379	3.5723	3.3701	2.8814	3.3191	4.0447
Tm-166	4.1754	3.7545	3.9747	4.2217	4.1684	3.7172	4.2369	6.2290
Tm-167	2.0154	1.8535	2.0144	2.4346	1.9461	1.5895	1.9156	2.1706
Tm-168	4.8642	4.4579	4.6740	5.1164	4.8680	4.2982	4.8412	6.7450
Tm-170	0.0931	0.0923	0.1138	0.1335	0.0857	0.0699	0.1015	0.1093
Tm-171	0.0141	0.0135	0.0154	0.0183	0.0131	0.0112	0.0147	0.0149
Tm-172	0.8175	0.7392	0.8408	0.9017	0.8356	0.7391	0.8398	1.3088
Tm-173	1.7040	1.5357	1.5635	1.5730	1.7017	1.5091	1.6035	2.1810
Tm-174	6.5862	5.9771	6.1738	6.4273	6.7459	5.9320	6.1027	8.7260
Tm-175	2.7884	2.4953	2.5607	2.5806	2.8329	2.6087	2.8844	4.2531
Tm-176	4.4655	4.0340	4.2415	4.5042	4.6111	4.0839	4.2930	6.4557
U-227	1.4898	1.4958	1.6361	1.9534	1.4551	1.1495	1.2915	1.6029
U-228	0.1802	0.1817	0.2309	0.3136	0.1684	0.1177	0.1522	0.1662
U-230	0.1792	0.1797	0.2415	0.3404	0.1657	0.1115	0.1522	0.1567
U-231	2.5660	2.6273	3.1295	4.0783	2.3808	1.7374	2.1872	2.5001

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-232	0.1638	0.1644	0.2247	0.3198	0.1515	0.0998	0.1377	0.1424
U-233	0.0845	0.0850	0.1176	0.1659	0.0786	0.0519	0.0726	0.0775
U-234	0.8546	0.9014	0.8075	0.7946	0.8866	0.9287	0.8361	0.7845
U-235	1.4589	1.4387	1.3654	1.3868	1.5117	1.5563	1.4891	1.4453
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1343	0.1348	0.1851	0.2640	0.1242	0.0812	0.1128	0.1169
U-237	2.4854	2.5133	2.7903	3.4535	2.4092	1.8965	2.1304	2.5468
U-238	1.0496	0.9967	0.9627	0.9817	1.1171	1.1496	1.0591	1.0461
U-239	0.8326	0.8696	0.8468	1.0061	0.7319	0.6671	0.9200	0.8038
U-240	0.4680	0.4659	0.6188	0.8413	0.4327	0.2945	0.3988	0.4305
U-242	0.3080	0.3051	0.2976	0.3373	0.2987	0.2747	0.3123	0.3409
V-47	0.0128	0.0114	0.0155	0.0171	0.0134	0.0110	0.0128	0.0214
V-48	3.1072	2.6955	2.8386	2.7423	3.3139	3.1201	3.0986	5.6929
V-49	0.1005	0.0947	0.2020	0.2507	0.0986	0.0615	0.1204	0.1685
V-50	1.4909	1.2755	1.4402	1.4509	1.6067	1.4472	1.4909	2.8586
V-52	1.4074	1.1981	1.2655	1.2349	1.5339	1.4025	1.3917	2.7098
V-53	1.5303	1.3271	1.3602	1.2989	1.6224	1.5549	1.4907	2.7123
W-177	5.1709	5.0162	5.4389	6.0149	5.1480	4.5223	5.0759	6.5323
W-178	0.4629	0.4550	0.6529	0.7910	0.4448	0.3632	0.5156	0.5832
W-179	1.4207	1.3432	1.6717	2.0053	1.2971	1.1032	1.5365	1.5239
W-179m	0.9288	0.9248	1.0890	1.2927	0.9055	0.8093	0.9871	1.0553
W-181	0.8928	0.8893	1.0617	1.2630	0.8510	0.7580	0.9686	0.9896
W-185m	0.8235	0.8025	1.3261	1.6111	0.8116	0.5967	0.9032	1.1756
W-185	0.0009	0.0009	0.0010	0.0011	0.0008	0.0007	0.0009	0.0010
W-187	1.6799	1.5972	1.6385	1.7147	1.6785	1.5678	1.8107	2.4049
W-188	0.0153	0.0145	0.0157	0.0176	0.0156	0.0135	0.0146	0.0180
W-190	2.2889	2.2895	2.5815	2.8776	2.2624	2.0143	2.2703	2.5246
Xe-120	3.0558	2.5592	2.5933	3.0006	2.5848	2.2250	2.9065	2.9833
Xe-121	2.3030	1.9778	2.0114	2.1577	2.1736	1.8851	2.1773	2.8760
Xe-122	1.2615	0.9820	1.0073	1.2100	0.9763	0.7876	1.1845	0.9638
Xe-123	2.4203	2.0818	2.1290	2.3216	2.2058	1.8270	2.1312	2.4846
Xe-125	2.9527	2.4860	2.5300	2.9944	2.6439	2.1959	2.6765	2.7723
Xe-127	3.0429	2.6057	2.6687	3.2081	2.8345	2.3399	2.7074	2.9991
Xe-127m	2.3551	2.1861	2.1562	2.3884	2.2034	1.7637	1.9880	2.3557
Xe-129m	1.8295	1.3602	1.4025	1.7278	1.3293	1.0238	1.7752	1.2321
Xe-131m	0.7664	0.5695	0.6052	0.7386	0.5567	0.4257	0.7504	0.5255
Xe-133	1.1344	0.9880	0.9405	1.0770	0.8663	0.7273	1.2401	0.9165
Xe-133m	0.9087	0.6976	0.7252	0.8763	0.7018	0.5528	0.8766	0.6828
Xe-135	1.6386	1.5011	1.4791	1.5336	1.6665	1.4558	1.4560	1.8687
Xe-135m	1.4720	1.2883	1.3003	1.3404	1.4351	1.3062	1.5845	2.0574
Xe-137	0.5679	0.5053	0.5114	0.5104	0.5732	0.5197	0.5727	0.8054
Xe-138	1.9983	1.7586	1.8678	1.9025	2.0511	1.8198	1.8900	2.9491
Y-81	1.9347	1.9991	2.0034	2.3639	1.8789	1.5207	1.6854	2.0786

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Y-83	1.3783	1.2595	1.3452	1.6611	1.3030	1.0749	1.2697	1.6140
Y-83m	1.5770	1.4638	1.5011	1.6796	1.5836	1.3484	1.4011	1.7878
Y-84m	4.9646	4.3874	4.5244	4.3343	5.1773	4.9486	5.1034	8.8756
Y-85	1.3583	1.2445	1.3008	1.4503	1.3579	1.2027	1.3834	1.8691
Y-85m	1.3829	1.2667	1.3522	1.5531	1.4228	1.2394	1.3037	2.0147
Y-86	5.2324	4.6672	4.8739	5.0423	5.4306	5.0034	5.2570	8.7456
Y-86m	1.6345	1.5114	1.5543	1.9459	1.7498	1.4683	1.4112	1.9423
Y-87	2.1049	1.9796	2.1243	2.5700	2.0700	1.7412	2.0257	2.5470
Y-87m	1.4499	1.3139	1.3447	1.4380	1.4468	1.2408	1.3009	1.7460
Y-88	3.4188	3.0406	3.3122	3.6421	3.5284	3.1751	3.2643	5.7366
Y-89m	1.5152	1.3360	1.3767	1.2962	1.5784	1.5271	1.5410	2.7307
Y-90	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001
Y-90m	3.1708	2.8872	2.9453	3.4220	3.3051	2.8677	2.9907	4.0753
Y-91	0.0037	0.0032	0.0034	0.0032	0.0040	0.0038	0.0038	0.0070
Y-91m	1.5571	1.4042	1.4148	1.4420	1.5802	1.4631	1.7046	2.3936
Y-92	0.4026	0.3532	0.3634	0.3490	0.4211	0.3990	0.4086	0.7051
Y-93	0.2104	0.1879	0.1894	0.1910	0.2186	0.1963	0.1953	0.3013
Y-94	1.1830	1.0376	1.0692	1.0163	1.2382	1.1847	1.2006	2.1139
Y-95	0.8456	0.7156	0.7614	0.7350	0.9118	0.8497	0.8496	1.6296
Yb-162	2.6057	2.4926	2.6088	2.8662	2.5503	2.0968	2.3609	2.9252
Yb-163	1.8643	1.7180	1.9134	2.1356	1.8184	1.5647	1.8772	2.4462
Yb-164	1.0078	0.9344	0.9970	1.1751	0.9247	0.7609	1.0056	1.0149
Yb-165	2.7242	2.5990	2.9562	3.4359	2.5202	2.1008	2.8714	3.0990
Yb-166	1.8804	1.7765	1.8734	2.2005	1.7107	1.4192	1.9145	1.8845
Yb-167	4.2323	4.1192	4.4218	5.0452	4.0603	3.2742	3.8991	4.6240
Yb-169	4.7479	4.5392	4.7303	5.5180	4.6005	3.8851	4.5157	5.0323
Yb-175	0.2417	0.2262	0.2296	0.2411	0.2410	0.2085	0.2215	0.2887
Yb-177	0.7822	0.7443	0.7678	0.7910	0.7965	0.6866	0.6963	0.9956
Yb-178	0.1881	0.1690	0.1755	0.1813	0.1881	0.1628	0.1746	0.2352
Yb-179	3.0094	2.7371	2.7569	2.7890	3.0624	2.8213	3.2133	4.5770
Zn-60	1.7224	1.5989	1.5951	1.6267	1.7546	1.6556	1.8365	2.5777
Zn-61	0.6784	0.5888	0.6171	0.6118	0.7110	0.6517	0.6895	1.1539
Zn-62	1.7213	1.5463	1.8976	2.1221	1.6666	1.4037	1.8135	2.4054
Zn-63	0.2824	0.2521	0.2828	0.2865	0.2930	0.2719	0.3027	0.4982
Zn-65	1.0852	0.9666	1.3492	1.4840	1.1289	0.9631	1.1458	1.9259
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.5799	1.4147	1.4486	1.4526	1.5884	1.4237	1.5598	2.1480
Zn-71	0.8445	0.7591	0.7657	0.7630	0.8603	0.7921	0.8758	1.2834
Zn-71m	4.8517	4.3667	4.3839	4.3681	4.9320	4.5013	4.9724	7.1244
Zn-72	2.1244	2.0794	2.5631	2.8768	2.1469	1.6514	1.8436	2.5618
Zr-85	1.4880	1.3311	1.3619	1.3908	1.5053	1.3513	1.4537	2.1009
Zr-86	3.2939	3.0994	3.3402	4.3544	3.1461	2.4713	2.7050	2.9607
Zr-87	0.2343	0.2210	0.2512	0.3332	0.2282	0.1805	0.1981	0.2705

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zr-88	2.3437	2.1791	2.3366	2.7998	2.2794	1.8641	2.0099	2.5105
Zr-89	2.0855	1.9061	2.0608	2.3451	2.0938	1.8664	1.9509	3.0879
Zr-89m	1.5705	1.4200	1.4368	1.4755	1.6043	1.4873	1.7186	2.5064
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.5178	1.3708	1.4019	1.3225	1.5559	1.5042	1.6696	2.7479
Zr-97	1.8137	1.6325	1.6709	1.6003	1.8609	1.7784	1.9572	3.1905

Table 8: Composite 2 – 5 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.2611	0.2194	0.3413	0.3201	0.2093	0.1730	0.4494	0.3835
Ac-224	2.8450	2.2342	4.1641	3.4091	2.6024	1.9171	5.9011	3.5802
Ac-225	0.3493	0.2946	0.4573	0.4210	0.2729	0.2324	0.5715	0.4673
Ac-226	1.3753	1.0462	1.7865	1.5129	1.2620	0.9652	2.9628	1.6035
Ac-227	0.0654	0.0571	0.0718	0.0757	0.0412	0.0413	0.0764	0.1091
Ac-228	2.3239	1.9020	2.7384	3.1367	2.1603	1.5579	5.9900	4.6716
Ac-230	1.0161	0.8213	1.1484	1.2917	0.9355	0.6795	2.6090	1.8944
Ac-231	3.2061	2.6655	4.3735	4.0869	3.0142	2.1804	7.2382	4.4325
Ac-232	1.6424	1.3524	1.8210	2.0682	1.5254	1.1474	4.5932	2.8752
Ac-233	1.6933	1.3992	1.9271	1.9730	1.5947	1.1308	3.8442	2.6807
Ag-100m	3.0621	2.4739	3.3821	4.0509	2.9503	2.1629	8.7116	5.5477
Ag-101	2.5209	1.9659	2.7507	3.1107	2.4075	1.8687	5.7575	3.7866
Ag-102m	1.8973	1.5507	2.0545	2.3379	1.8279	1.3330	5.3247	3.1476
Ag-102	4.6319	3.7345	5.0853	6.0438	4.4597	3.2122	12.4319	8.4446
Ag-103	2.5325	1.8731	2.8327	3.1199	2.3548	1.6972	6.1098	3.7542
Ag-104	5.6301	4.4677	6.1716	7.8337	5.3960	3.8973	15.2009	11.4055
Ag-104m	2.3302	1.8861	2.5117	2.8499	2.2054	1.6163	5.7242	3.6871
Ag-105	2.8638	2.3890	3.1375	3.8240	2.6682	2.0206	6.2631	4.3682
Ag-105m	0.0255	0.0219	0.0285	0.0323	0.0167	0.0154	0.0378	0.0499
Ag-106	0.5491	0.4255	0.5188	0.7023	0.4934	0.3853	0.9763	0.7923
Ag-106m	6.9419	5.4396	7.7046	9.2726	6.6516	4.6955	18.1490	13.5514
Ag-108	0.0595	0.0464	0.0607	0.0750	0.0543	0.0423	0.1324	0.0846
Ag-108m	5.2809	4.1340	5.9044	6.9805	4.9808	3.6319	13.6689	9.4012
Ag-109m	0.3380	0.2498	0.2832	0.4592	0.2856	0.2530	0.4438	0.4164
Ag-110	0.0808	0.0658	0.0899	0.1020	0.0761	0.0580	0.2123	0.1249
Ag-110m	5.3872	4.2940	6.0402	7.5334	5.2207	3.7448	15.6523	11.3042
Ag-111	0.1434	0.1282	0.1789	0.1930	0.1383	0.0955	0.3691	0.2390
Ag-111m	0.1910	0.1408	0.1516	0.2514	0.1586	0.1416	0.2538	0.2499
Ag-112	1.2477	1.0150	1.3744	1.5253	1.1906	0.8805	3.3417	1.9369
Ag-113m	1.0241	0.8998	1.2267	1.3637	0.9715	0.6813	2.6307	1.7146
Ag-113	0.3161	0.2873	0.3772	0.4144	0.3041	0.2227	0.7621	0.4778
Ag-114	0.5250	0.4291	0.5873	0.6334	0.5027	0.3606	1.3554	0.8507
Ag-115	1.1056	0.8597	1.3445	1.3037	1.0793	0.7693	2.8851	1.7505
Ag-116	3.0146	2.4551	3.3570	3.7307	2.9258	2.0602	8.3073	5.3519
Ag-117	2.1094	1.7131	2.4568	2.5774	2.0358	1.3899	6.4461	3.5156
Ag-99	3.1461	2.4619	3.5172	4.1150	3.0537	2.3006	7.9862	5.4912
Al-26	1.5583	1.2867	1.6696	1.9179	1.5413	1.1114	4.9927	2.5678
Al-28	1.5221	1.2581	1.6114	1.8657	1.5060	1.0871	4.6925	2.4407
Al-29	1.6511	1.2379	1.8079	2.2751	1.6334	1.0596	5.1071	3.7672
Am-237	3.2191	2.5212	4.5394	4.4656	2.8816	2.0867	6.9164	4.5913
Am-238	3.1872	2.4658	4.2720	4.5414	2.8922	2.0352	7.7398	5.6754
Am-239	3.4813	2.6453	5.2563	4.9316	3.0160	2.1741	7.0586	4.7400

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-240	3.4281	2.6540	4.3741	4.8680	3.0947	2.2087	8.4224	6.7463
Am-241	1.0468	1.0758	1.0442	1.0164	1.0391	1.0772	0.9921	0.9453
Am-242	0.4748	0.3742	0.6134	0.6506	0.3752	0.3065	0.7480	0.6439
Am-242m	0.2883	0.2420	0.2805	0.3470	0.2037	0.1996	0.2994	0.3958
Am-243	0.9790	0.9196	1.2173	1.0436	0.9261	0.8835	1.2060	0.7859
Am-244	3.0441	2.4166	3.4060	4.2169	2.6869	2.0829	7.2262	5.6868
Am-244m	0.1749	0.1421	0.1763	0.2201	0.1343	0.1202	0.2427	0.2604
Am-245	0.3944	0.2930	0.5279	0.5064	0.3489	0.2642	0.7878	0.5083
Am-246	4.1767	3.2872	4.8977	5.1785	3.6740	2.8217	9.1070	6.4065
Am-246m	2.0462	1.5968	2.2696	2.8887	1.9366	1.3774	5.6694	4.6758
Am-247	1.4571	1.1410	2.0181	1.9244	1.3077	0.9420	3.1352	1.9713
Ar-37	0.0243	0.0206	0.0275	0.0297	0.0137	0.0139	0.0309	0.0512
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.6278	1.2158	1.7675	2.2525	1.6103	1.0402	4.8490	3.7157
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.9774	1.5605	2.1696	2.6624	1.9467	1.3447	6.0232	4.2751
Ar-44	2.9051	2.2695	3.5323	3.3411	2.8626	1.9357	8.5537	4.6116
As-68	3.8948	3.0895	4.2656	5.2123	3.8100	2.6774	11.6436	8.2068
As-69	0.5672	0.4347	0.6957	0.6705	0.5353	0.3940	1.3962	0.8735
As-70	5.1025	4.0208	5.6014	6.7796	4.9811	3.4735	15.1299	10.8255
As-71	2.0472	1.5662	2.6211	2.1801	1.8465	1.2649	5.3645	3.0426
As-72	1.6526	1.3150	1.9148	2.5725	1.5994	1.1391	5.1933	4.1685
As-73	0.9658	0.8169	1.1048	1.1680	0.5865	0.5757	1.2463	1.9134
As-74	1.4598	1.2040	1.6292	1.7164	1.3178	1.0119	3.4317	2.1363
As-76	1.0579	0.8625	1.1866	1.2704	1.0083	0.7240	2.6464	1.6976
As-77	0.0518	0.0385	0.0623	0.0562	0.0499	0.0392	0.1049	0.0613
As-78	2.3233	1.8673	2.5866	2.9950	2.2355	1.6098	6.4866	4.1622
As-79	0.1060	0.0835	0.1280	0.1478	0.1029	0.0676	0.3131	0.2336
At-204	6.9633	5.6977	8.2429	8.8701	6.6062	4.8334	17.4085	11.9990
At-205	3.1669	2.6950	3.8415	4.0289	2.9729	2.3503	7.3019	4.8969
At-206	7.0881	5.6967	8.5089	9.2290	6.7786	4.9071	18.4137	13.0101
At-207	5.0788	4.2693	6.0732	6.6298	4.8231	3.6979	12.4886	8.6198
At-208	8.1144	6.6332	9.6822	10.2728	7.7077	5.7899	20.9877	13.6113
At-209	7.2137	5.9643	8.8804	9.6763	6.8674	5.1985	17.7979	13.0532
At-210	6.1987	4.8936	7.0608	7.6244	5.9411	4.5298	14.1760	10.0568
At-211	0.6134	0.5649	0.8143	0.7069	0.5481	0.5095	0.8596	0.5782
At-215	0.0008	0.0006	0.0010	0.0011	0.0008	0.0005	0.0024	0.0018
At-216	0.0335	0.0298	0.0450	0.0391	0.0308	0.0268	0.0552	0.0343
At-217	0.0017	0.0014	0.0020	0.0019	0.0016	0.0014	0.0030	0.0018
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.5800	2.0200	3.1252	3.0290	2.4755	1.9077	5.5990	3.4847
Au-186	3.7211	3.0537	4.8999	4.4912	3.6031	2.6049	9.1506	6.0039

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Au-187	2.7728	2.3356	3.4178	3.3639	2.6078	2.0924	6.0550	4.2854
Au-190	4.4201	3.9499	5.3027	5.4919	4.2495	3.2945	10.6715	6.4544
Au-191	3.5270	2.9798	4.4361	4.1842	3.3125	2.6701	7.2539	4.9589
Au-192	4.0390	3.6961	4.9049	5.1182	3.8797	2.9784	9.8000	6.0609
Au-193	1.9887	1.7344	2.6646	2.2323	1.8588	1.6331	3.2687	2.2652
Au-193m	1.7477	1.3734	2.0264	1.9357	1.5921	1.3936	2.9494	2.0073
Au-194	3.1904	2.9179	3.9548	4.0585	3.0480	2.3592	7.2216	4.8081
Au-195	1.5616	1.4023	2.1765	1.8742	1.3852	1.2864	2.1766	1.8079
Au-195m	1.7579	1.4094	2.0478	1.9729	1.6004	1.3930	3.0052	2.0467
Au-196	3.0097	2.7109	3.8923	3.9321	2.8670	2.1404	7.0125	4.9047
Au-196m	3.2816	2.7262	4.2572	3.5094	2.9230	2.3336	6.7861	4.1200
Au-198	1.7403	1.2436	2.1816	2.3591	1.6866	1.0465	5.3219	3.9434
Au-198m	5.5234	4.3722	8.3485	6.5317	5.2410	3.7788	11.8927	7.2233
Au-199	1.1110	0.8623	1.3752	1.1199	1.0225	0.7558	2.8754	1.2423
Au-200	0.6200	0.4921	0.7385	0.8564	0.6045	0.3919	1.8211	1.3304
Au-200m	8.0451	6.4298	9.7207	9.9295	7.7101	5.5417	20.1887	13.2159
Au-201	0.1716	0.1433	0.2024	0.2025	0.1518	0.1173	0.3688	0.2662
Au-202	0.3992	0.3040	0.4653	0.5344	0.3891	0.2554	1.1523	0.8770
Ba-124	1.8311	1.4715	1.9936	2.3175	1.7600	1.2065	3.9390	2.7526
Ba-126	2.4261	1.9336	2.6327	3.0673	2.3445	1.6775	5.1107	3.7536
Ba-127	0.9565	0.7735	1.0720	1.2062	0.9155	0.6128	1.9472	1.2928
Ba-128	0.9177	0.7869	0.8344	1.2091	0.8716	0.6268	1.2861	1.0911
Ba-129	1.0452	0.8554	1.0917	1.2907	0.9994	0.6806	1.8541	1.3738
Ba-129m	4.9386	3.8707	5.7458	6.2582	4.7795	3.2059	12.5400	8.8485
Ba-131	2.9947	2.4007	3.3892	3.6368	2.8672	1.9213	6.3835	4.4850
Ba-131m	1.2341	0.9475	1.8061	1.8660	1.1457	0.7173	2.5520	1.6598
Ba-133	3.1756	2.8134	3.5540	4.2320	3.0557	2.1695	6.4339	4.6174
Ba-133m	0.8574	0.7429	0.8329	1.1170	0.7923	0.5829	1.2405	1.0646
Ba-135m	0.7476	0.6383	0.7028	0.9726	0.7136	0.5176	1.0474	0.8606
Ba-137m	1.5998	1.3110	1.7771	2.0351	1.5115	1.1413	4.1705	2.4854
Ba-139	0.4419	0.3270	0.5289	0.4434	0.4193	0.2757	1.2791	0.5021
Ba-140	0.9251	0.7636	1.0245	1.1126	0.8436	0.6022	2.0401	1.4328
Ba-141	3.2247	2.6554	4.0335	3.9677	3.1400	2.1531	8.2769	5.2262
Ba-142	2.7481	2.1491	3.0973	3.5587	2.6900	1.9230	7.0051	5.1967
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1816	0.1445	0.2127	0.2202	0.1747	0.1162	0.4488	0.3307
Bi-197	3.6302	3.0198	4.3096	4.7993	3.4601	2.6457	8.8843	6.7350
Bi-200	7.9114	6.2168	9.4556	9.9377	7.6081	5.4821	19.7967	14.7164
Bi-201	3.6719	3.0548	4.3330	4.7923	3.5162	2.6992	9.0372	6.6527
Bi-202	7.2498	5.8179	8.5450	9.3986	6.9647	5.0647	19.1531	13.8554
Bi-203	4.5908	3.8189	5.4095	6.0875	4.4156	3.3766	11.8604	8.3890
Bi-204	7.1559	5.8141	8.4712	9.6460	6.9091	5.0115	19.3885	14.6288
Bi-205	3.4619	2.9251	4.0425	4.3442	3.2853	2.5790	8.3526	5.6263

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Bi-206	8.2651	6.8400	9.8530	11.1620	7.9574	5.8781	21.5482	15.9612
Bi-207	4.1558	3.4609	4.8085	5.0514	3.9429	3.0056	9.7331	6.8875
Bi-208	2.1996	1.8930	2.5327	2.5658	2.0932	1.6590	6.2802	3.2267
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.6564	1.4271	1.9574	1.9912	1.5835	1.2722	3.3650	2.0103
Bi-211	0.2600	0.2345	0.3314	0.3538	0.2493	0.1717	0.6804	0.4601
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2715	0.2242	0.3067	0.3707	0.2385	0.1843	0.6583	0.5359
Bi-213	0.5423	0.4181	0.6666	0.6970	0.5207	0.3484	1.4453	1.0608
Bi-214	2.2136	1.7798	2.4363	2.8142	2.1438	1.5359	6.2643	3.9679
Bi-215	1.1736	1.0468	1.4241	1.4873	1.1173	0.8682	2.5596	1.6543
Bi-216	2.5807	2.0533	3.0163	3.1405	2.4627	1.7043	6.5205	4.4424
Bk-245	3.0486	2.2557	4.3066	4.0778	2.6910	1.9356	6.4928	4.1294
Bk-246	3.2421	2.5184	4.0828	4.7578	2.9056	2.1142	8.0655	6.3966
Bk-247	1.5649	1.2545	2.1688	2.0087	1.4597	1.1619	2.9693	1.7402
Bk-248m	0.6494	0.5012	0.8567	0.8603	0.5506	0.4091	1.2759	0.9124
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.7675	1.3722	1.8696	2.3719	1.6901	1.1832	4.9594	4.2045
Bk-251	1.5109	1.1491	1.9906	1.8461	1.2939	0.9235	3.2897	2.1076
Br-72	3.1560	2.4792	3.5716	4.5076	3.0906	2.1252	9.6012	7.3292
Br-73	1.6463	1.3772	2.0533	2.1400	1.5916	1.1951	4.0817	2.8995
Br-74	3.5472	2.8949	3.9703	4.3092	3.4315	2.5357	10.0734	5.7573
Br-74m	4.4962	3.6479	4.9998	5.7262	4.3124	3.1788	12.6671	7.7117
Br-75	2.3494	2.0157	2.7914	2.9468	2.2196	1.6587	5.4490	3.4522
Br-76	3.2644	2.6713	3.6292	4.0172	3.0879	2.2435	8.8162	5.5917
Br-76m	1.0398	0.8862	1.1535	1.1931	0.8207	0.7082	1.3785	1.3257
Br-77	1.7305	1.3966	2.0335	2.0237	1.5198	1.1930	3.5089	2.6141
Br-77m	0.4905	0.3976	0.7055	0.6779	0.3612	0.2887	0.8850	0.7230
Br-78	0.2717	0.2246	0.3026	0.3194	0.2447	0.1899	0.6438	0.3839
Br-80	0.1695	0.1402	0.1893	0.2027	0.1508	0.1181	0.4003	0.2478
Br-80m	0.8784	0.7727	0.9032	1.0610	0.6520	0.5659	1.0670	1.1606
Br-82m	0.3190	0.2821	0.3632	0.3797	0.1975	0.1969	0.4247	0.4894
Br-82	5.5178	4.4166	6.2596	7.6109	5.3385	3.8057	15.5825	11.2423
Br-83	0.0225	0.0186	0.0255	0.0262	0.0214	0.0151	0.0519	0.0355
Br-84m	5.0354	3.8502	5.7414	7.0012	4.9430	3.2879	14.8048	11.2749
Br-84	1.7600	1.4172	1.9624	2.4703	1.7404	1.2296	5.7110	3.9345
Br-85	0.1183	0.0930	0.1362	0.1803	0.1166	0.0811	0.3752	0.2981
C-10	1.6707	1.3478	1.9276	2.4266	1.6068	1.1825	4.9268	3.4722
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0433	0.0367	0.0491	0.0530	0.0244	0.0248	0.0552	0.0915
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.4429	1.0910	1.5844	2.0036	1.4237	0.9299	4.2528	3.2690

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ca-49	1.4585	1.2513	1.5635	1.8628	1.4568	1.0960	4.5761	2.7538
Cd-101	3.1019	2.3886	3.8680	4.3648	2.9622	2.0754	8.1215	5.2559
Cd-102	2.7216	2.0961	3.0028	3.4654	2.5530	1.8089	6.2822	4.6902
Cd-103	2.5613	1.9969	2.5898	3.3158	2.4324	1.7914	6.6908	4.4843
Cd-104	1.8602	1.4900	1.9500	2.4370	1.6992	1.4437	3.2054	2.3175
Cd-105	1.7729	1.3961	1.7834	2.3283	1.6698	1.2436	4.4809	3.0704
Cd-107	0.9758	0.7077	0.7609	1.3362	0.8203	0.7261	1.2683	1.2246
Cd-109	0.9036	0.6576	0.6810	1.2230	0.7575	0.6776	1.1419	1.1226
Cd-111m	2.4781	1.7641	2.7085	2.6471	2.3464	1.8962	5.0155	2.7143
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0008	0.0006	0.0008	0.0010	0.0008	0.0007	0.0014	0.0010
Cd-115	0.6963	0.5674	0.7805	0.8101	0.6633	0.4719	1.5579	1.0844
Cd-115m	0.0558	0.0431	0.0618	0.0787	0.0550	0.0369	0.1691	0.1359
Cd-117	2.2692	1.8252	2.5819	2.9910	2.2122	1.5580	5.9324	4.1650
Cd-117m	2.6148	2.0800	2.9249	3.4594	2.5657	1.7791	8.2413	5.4117
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.6843	2.2553	3.0471	3.4740	2.6175	1.8393	7.4970	4.7192
Cd-119m	3.0804	2.4178	3.4613	4.1233	3.0221	2.0751	9.5581	6.4624
Ce-130	2.7876	2.2430	3.1435	3.4386	2.6665	1.7889	6.1980	4.1020
Ce-131	3.5198	2.7470	3.9806	4.4673	3.3722	2.3025	8.9912	6.1049
Ce-132	2.6930	2.1146	3.3038	2.9841	2.6044	1.7125	6.1715	3.4364
Ce-133	2.0183	1.6853	2.5275	2.9048	1.9214	1.3390	3.2435	2.3654
Ce-133m	4.7998	3.9058	5.3248	6.1552	4.6380	3.2017	11.2786	8.0729
Ce-134	0.6714	0.5917	0.5674	0.9022	0.6359	0.4355	0.7459	0.7635
Ce-135	3.6242	3.0219	4.0035	4.5918	3.4779	2.5432	7.7312	5.3073
Ce-137	0.7790	0.6807	0.6861	1.0401	0.7125	0.4994	0.9203	0.9861
Ce-137m	0.7178	0.5951	0.6661	0.8921	0.6789	0.5087	0.9581	0.8053
Ce-139	2.0335	1.5876	2.2290	2.2348	1.9248	1.2821	4.8332	2.3011
Ce-141	0.9153	0.6802	1.0443	0.9379	0.8558	0.5570	2.5743	1.0932
Ce-143	1.7698	1.5601	1.9438	2.2540	1.6963	1.2599	3.4004	2.3567
Ce-144	0.2640	0.2050	0.3018	0.2856	0.2482	0.1641	0.6260	0.3324
Ce-145	2.8859	2.3775	3.1760	3.8850	2.7800	2.0100	6.6283	4.9856
Cf-244	0.1046	0.0868	0.0981	0.1275	0.0752	0.0736	0.1054	0.1389
Cf-246	0.0720	0.0597	0.0676	0.0879	0.0518	0.0506	0.0730	0.0956
Cf-247	2.0052	1.5496	2.5879	2.5945	1.6545	1.2533	3.8066	2.8307
Cf-248	0.0865	0.0716	0.0814	0.1058	0.0624	0.0608	0.0886	0.1151
Cf-249	1.8338	1.4276	2.2860	2.5044	1.7132	1.1378	4.9950	3.6518
Cf-250	0.0830	0.0683	0.0819	0.1026	0.0642	0.0579	0.1149	0.1189
Cf-251	1.7677	1.3349	2.4429	2.2400	1.5495	1.1078	3.8106	2.3830
Cf-252	0.8631	0.6922	0.9907	1.1047	0.8233	0.5869	2.2965	1.5478
Cf-253	0.2381	0.1980	0.2228	0.2821	0.1737	0.1677	0.2480	0.3298
Cf-254	29.3285	23.4564	34.1607	37.6429	28.5392	19.8891	81.9975	53.6671
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.6968	1.3253	1.9393	1.9613	1.6449	1.1302	5.8121	2.7854
Cl-36	0.0003	0.0003	0.0004	0.0004	0.0002	0.0002	0.0004	0.0007
Cl-38	1.1253	0.9312	1.2086	1.3667	1.1142	0.8051	3.7038	1.8239
Cl-39	2.4221	1.8022	2.5960	3.0159	2.3783	1.7390	5.9536	4.1640
Cl-40	3.0400	2.4711	3.2261	3.8477	3.0076	2.1434	8.9648	5.4476
Cm-238	1.3797	1.0260	2.1524	2.0121	1.1923	0.8162	2.9857	1.9237
Cm-239	3.2051	2.3779	4.7936	3.9351	2.9329	1.9312	7.7515	4.3648
Cm-240	0.1162	0.0991	0.1140	0.1368	0.0820	0.0810	0.1176	0.1539
Cm-241	3.6773	2.8487	4.8535	4.8104	3.2406	2.2930	8.0146	5.7841
Cm-242	0.1043	0.0890	0.1022	0.1228	0.0735	0.0727	0.1054	0.1382
Cm-243	1.7594	1.3602	2.5114	2.3773	1.5240	1.1387	3.4335	2.3814
Cm-244	0.0895	0.0764	0.0878	0.1054	0.0631	0.0624	0.0905	0.1186
Cm-245	1.7895	1.3458	2.7577	2.5553	1.5375	1.0753	3.8074	2.4478
Cm-246	0.0777	0.0659	0.0773	0.0921	0.0565	0.0540	0.0897	0.1061
Cm-247	1.4606	1.0412	1.8656	2.0145	1.4113	0.8753	4.4732	3.2674
Cm-248	2.3533	1.8857	2.7288	3.0139	2.2719	1.5971	6.4599	4.2731
Cm-249	0.1398	0.1157	0.1616	0.1707	0.1036	0.0872	0.2597	0.2516
Cm-250	23.1403	18.5069	26.9478	29.6838	22.5154	15.6947	64.6681	42.3135
Cm-251	0.4982	0.3947	0.6082	0.6201	0.4582	0.3223	1.1695	0.8042
Co-54m	4.9740	3.7060	5.6195	6.7289	4.8907	3.1583	14.7590	11.2001
Co-55	2.2077	1.7227	2.4670	3.0775	2.1550	1.4653	6.4668	5.1892
Co-56	4.2110	3.3121	4.7143	6.0529	4.1060	2.8465	13.2669	9.9654
Co-57	1.8058	1.3465	2.4059	2.0484	1.5556	1.0091	4.6606	2.8445
Co-58	1.7822	1.4204	2.1089	2.9328	1.6946	1.2191	5.6005	4.8142
Co-58m	0.1739	0.1472	0.1968	0.2128	0.0981	0.0996	0.2214	0.3668
Co-60	3.3012	2.4855	3.5654	4.5316	3.2668	2.1300	9.8290	7.6216
Co-60m	0.2133	0.1810	0.2463	0.2598	0.1305	0.1286	0.2796	0.4288
Co-61	0.9144	0.8521	1.2872	1.0412	0.9306	0.8704	1.3046	0.8690
Co-62	1.8996	1.4515	2.0724	2.5678	1.8808	1.2466	6.0341	4.3982
Co-62m	3.3734	2.5762	3.6875	4.5897	3.3383	2.2122	10.6833	7.8497
Cr-48	3.2201	2.8070	4.6306	4.5156	3.0197	1.9947	8.1137	4.7270
Cr-49	1.3079	1.0261	1.9727	1.6782	1.2524	0.9237	3.0917	1.3846
Cr-51	0.2696	0.2608	0.3280	0.3610	0.2201	0.1686	0.5614	0.4755
Cr-55	0.0007	0.0006	0.0007	0.0009	0.0007	0.0005	0.0018	0.0011
Cr-56	1.5254	1.3363	1.9211	1.8431	1.4426	1.2691	2.2991	1.4416
Cs-121	1.2063	0.9340	1.4074	1.4254	1.1572	0.8033	3.0625	1.7903
Cs-121m	2.2680	1.7599	2.8711	2.6272	2.2072	1.4718	5.6317	3.5068
Cs-123	1.6242	1.3163	2.0048	2.2597	1.5462	1.0892	3.5478	2.4123
Cs-124	0.6765	0.5795	0.8000	0.9315	0.6546	0.4351	1.8584	1.2937
Cs-125	1.4105	1.1482	1.5362	1.8247	1.3405	0.9226	3.0755	2.2169
Cs-126	1.1507	0.8771	1.3576	1.5791	1.1145	0.7141	3.2848	2.4480
Cs-127	2.2860	1.7590	2.5418	3.0202	2.1867	1.4237	5.6027	4.1915

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cs-128	0.7785	0.6102	0.8472	1.0132	0.7465	0.4948	1.8512	1.4226
Cs-129	2.0171	1.6426	2.1038	2.7333	1.9222	1.2864	4.3315	3.3985
Cs-130m	1.3565	1.1954	1.3806	1.6819	1.2890	0.9906	1.8731	1.4277
Cs-130	0.4527	0.3832	0.3890	0.5968	0.4255	0.3016	0.6699	0.5922
Cs-131	0.6311	0.5389	0.4977	0.8518	0.5892	0.4179	0.7561	0.7663
Cs-132	2.3833	1.9658	2.4715	3.1033	2.2491	1.6673	5.4816	3.6287
Cs-134	3.7554	3.0397	4.3109	5.2366	3.6079	2.6257	10.5940	7.4428
Cs-134m	0.5424	0.4424	0.5563	0.6634	0.4775	0.3261	0.9818	0.7785
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.2194	2.5518	3.7913	5.3277	3.1693	2.2303	10.5125	8.7053
Cs-136	4.8128	3.8763	5.6080	6.9086	4.7196	3.2319	14.2997	10.8762
Cs-137	1.4666	1.5003	1.4904	1.4550	1.4445	1.4661	1.5038	1.4743
Cs-138m	1.3531	1.0841	1.5314	1.6858	1.3084	0.8662	2.9703	2.1519
Cs-138	3.2309	2.5359	3.5492	4.1593	3.1737	2.1550	9.1998	6.4194
Cs-139	0.3278	0.2581	0.3581	0.4283	0.3222	0.2222	0.9959	0.6455
Cs-140	2.2135	1.8002	2.4369	2.7528	2.1441	1.5505	6.4207	3.8260
Cu-57	0.1699	0.1301	0.1852	0.2352	0.1680	0.1120	0.5255	0.4153
Cu-59	0.8327	0.6645	0.9589	1.1718	0.8142	0.5422	2.4428	1.8492
Cu-60	3.2004	2.5219	3.4877	4.3195	3.1554	2.1684	9.7298	6.6592
Cu-61	0.7018	0.5871	0.8156	0.8845	0.6404	0.4971	1.6149	1.1524
Cu-62	0.0149	0.0119	0.0166	0.0201	0.0126	0.0094	0.0374	0.0346
Cu-64	0.1116	0.0939	0.1259	0.1377	0.0662	0.0645	0.1544	0.2359
Cu-66	0.1614	0.1238	0.1734	0.2193	0.1599	0.1066	0.4963	0.4086
Cu-67	1.1891	0.8947	1.8322	1.3670	1.1425	0.7483	3.0010	1.5521
Cu-69	0.9740	0.7640	1.0774	1.3416	0.9554	0.6558	2.8848	2.2625
Dy-148	2.4947	2.0394	2.7158	2.8901	2.3292	1.7767	5.3922	3.2573
Dy-149	3.6895	2.9105	4.3096	4.9158	3.5318	2.5357	8.9248	6.3915
Dy-150	1.6229	1.1855	1.9457	2.1240	1.5523	1.0117	4.2866	3.2669
Dy-151	3.6906	2.9221	4.1642	4.6726	3.5208	2.4780	9.0911	6.6728
Dy-152	2.4841	1.8799	2.6909	2.7266	2.3634	1.9581	4.1413	2.6616
Dy-153	4.1143	3.2700	4.7898	4.9445	3.9102	2.8829	8.2527	5.8758
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.0434	2.3380	3.6319	3.4523	2.9357	2.1550	6.2808	4.3517
Dy-157	2.4670	2.3163	2.9378	3.2090	2.3399	1.6557	5.3394	3.6041
Dy-159	0.9419	0.7680	0.9821	1.0521	0.8670	0.6727	1.2254	1.0795
Dy-165m	0.2648	0.2133	0.3260	0.3288	0.2144	0.1672	0.4512	0.4216
Dy-165	0.2024	0.1618	0.2663	0.2631	0.1898	0.1401	0.3927	0.2716
Dy-166	0.7649	0.6373	0.9028	0.8707	0.6985	0.5685	1.0995	0.8996
Dy-167	2.4444	2.0265	2.8033	2.8960	2.3251	1.7688	5.3088	3.3110
Dy-168	2.1626	1.6793	2.7216	2.4367	2.0664	1.4055	5.1131	3.3405
Er-154	1.0997	0.8841	1.1251	1.2619	0.9822	0.7822	1.5179	1.3964
Er-156	1.3984	1.1512	1.5083	1.6329	1.2184	0.9517	1.9557	1.8828
Er-159	2.9803	2.3868	3.4460	3.5076	2.8211	2.0889	6.7766	4.3236

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Er-161	3.0171	2.3939	3.5652	4.0714	2.8958	2.0874	7.4476	5.8986
Er-163	0.7926	0.6396	0.8834	0.8777	0.7288	0.5703	1.0951	0.9435
Er-165	0.7645	0.6172	0.8521	0.8466	0.7014	0.5497	1.0524	0.9117
Er-167m	0.9646	0.7300	1.4013	0.9873	0.9347	0.6348	2.0447	1.3397
Er-169	0.0050	0.0043	0.0057	0.0062	0.0029	0.0029	0.0064	0.0106
Er-171	2.6730	2.4063	3.4404	3.4716	2.5278	1.8011	6.0758	3.7784
Er-172	2.4278	1.8927	2.9113	2.9485	2.2989	1.6477	5.8084	3.9948
Er-173	4.0363	3.0684	5.6378	4.8342	3.9259	2.5836	10.3924	6.9890
Es-249	2.8596	2.1772	3.7423	3.8087	2.5824	1.7509	7.2126	4.9511
Es-250	7.6948	6.1033	9.3477	10.3167	6.7436	5.0201	17.2396	13.0436
Es-250m	2.4140	1.8350	3.0352	3.1544	2.1663	1.5143	5.8518	4.1515
Es-251	1.8677	1.4408	2.4195	2.3066	1.5634	1.1556	3.7803	2.6196
Es-253	0.0293	0.0243	0.0286	0.0356	0.0215	0.0203	0.0336	0.0413
Es-254	1.0008	0.8468	0.9911	1.1856	0.7085	0.6935	1.0599	1.4254
Es-254m	1.5744	1.2800	1.7046	2.0052	1.4210	1.1186	3.6827	2.4937
Es-255	0.0012	0.0010	0.0014	0.0015	0.0012	0.0008	0.0033	0.0022
Es-256	0.1476	0.1203	0.1315	0.1782	0.1107	0.1055	0.1581	0.1995
Eu-142	0.3796	0.3070	0.4172	0.5368	0.3696	0.2664	1.0829	0.7700
Eu-142m	5.6754	4.5320	6.3635	7.7313	5.4819	3.8679	15.9368	12.1432
Eu-143	0.6284	0.5054	0.6653	0.7968	0.6059	0.4317	1.4964	1.0503
Eu-144	0.2826	0.2334	0.2826	0.3494	0.2734	0.2007	0.6323	0.4217
Eu-145	2.6685	2.1589	2.8567	3.5685	2.5724	1.8580	6.7592	5.0622
Eu-146	5.2805	4.2710	5.8223	7.0436	5.0525	3.7144	13.9799	9.5193
Eu-147	2.4355	1.9278	2.8679	2.8901	2.3250	1.6176	5.2437	3.6790
Eu-148	6.3213	5.1326	6.9665	7.7134	6.0105	4.3602	15.2531	10.0742
Eu-149	0.9612	0.8161	0.9369	1.1327	0.8721	0.6771	1.3042	1.1484
Eu-150	5.7920	4.8879	6.7330	7.5688	5.5481	3.8179	14.5835	10.2284
Eu-150m	0.2172	0.1835	0.2446	0.2838	0.2069	0.1431	0.4955	0.3666
Eu-152	3.3448	2.6717	3.7821	4.3628	3.2162	2.2112	8.4231	6.1872
Eu-152m	0.8754	0.6976	0.9711	1.1897	0.8417	0.5868	2.2325	1.7606
Eu-152n	1.2284	1.0081	1.8734	1.7356	1.1187	0.8755	2.1182	1.4129
Eu-154	2.9686	2.2697	3.4304	3.8766	2.8617	1.9416	8.2735	5.9270
Eu-154m	1.3080	1.0909	1.8067	1.7634	1.1802	0.9396	2.0179	1.6073
Eu-155	0.9240	0.7359	1.4221	1.3039	0.8691	0.6415	1.7318	1.0485
Eu-156	1.8381	1.4524	2.1043	2.4940	1.7905	1.2555	5.4795	3.7745
Eu-157	1.8899	1.5386	2.2348	2.3385	1.7867	1.3174	3.9642	2.9986
Eu-158	2.4152	1.9139	2.6843	3.2854	2.3559	1.6624	6.8846	5.3551
Eu-159	1.9295	1.5945	2.2508	2.3156	1.8299	1.4260	3.4757	2.4581
F-17	0.0006	0.0004	0.0006	0.0009	0.0006	0.0004	0.0018	0.0015
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7246	1.2605	2.1848	1.6797	1.6199	1.0662	5.1256	2.0588
Fe-53	0.7619	0.5942	0.9621	1.0591	0.7376	0.4612	2.3232	1.6556
Fe-53m	4.7947	3.7505	5.2672	6.5319	4.6902	3.2489	14.2622	10.4495

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fe-55	0.1440	0.1220	0.1631	0.1763	0.0812	0.0825	0.1833	0.3040
Fe-59	1.7407	1.3116	1.9115	2.3640	1.7225	1.1223	5.2529	4.1054
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.3137	1.8433	2.5917	3.0839	2.2730	1.5359	6.7630	4.9393
Fe-62	1.7312	1.4313	1.9741	2.0065	1.6584	1.1405	3.9029	2.8295
Fm-251	1.8196	1.3814	2.3397	2.2517	1.5713	1.1073	4.1309	2.7662
Fm-252	0.0768	0.0630	0.0706	0.0935	0.0567	0.0546	0.0800	0.1026
Fm-253	1.4720	1.1583	1.7266	1.7805	1.1981	0.9538	2.6044	2.0537
Fm-254	0.0895	0.0731	0.0851	0.1098	0.0688	0.0632	0.1142	0.1254
Fm-255	0.8290	0.7014	0.8055	0.9689	0.5977	0.5848	0.8529	1.1325
Fm-256	21.8250	17.4580	25.4236	28.0456	21.2303	14.7966	61.0013	39.9825
Fm-257	1.9449	1.4808	2.4589	2.3639	1.6786	1.2569	3.9392	2.6549
Fr-212	3.4190	2.7037	4.3169	4.2734	3.2042	2.3803	7.8470	5.5496
Fr-219	0.0190	0.0163	0.0239	0.0242	0.0180	0.0125	0.0476	0.0309
Fr-220	0.2013	0.1753	0.2587	0.2358	0.1654	0.1457	0.3216	0.2390
Fr-221	0.2659	0.2034	0.3774	0.2807	0.2574	0.1884	0.5520	0.3334
Fr-222	1.5972	1.2322	2.3529	1.7857	1.4791	1.0264	3.4509	2.2772
Fr-223	0.9207	0.7690	1.1106	1.0401	0.8045	0.6690	1.3828	1.0951
Fr-224	1.8440	1.4265	2.3837	2.2130	1.7526	1.2221	4.6231	3.0824
Fr-227	2.6574	2.1571	3.7570	3.4996	2.4721	1.8434	5.7909	3.6426
Ga-64	2.3425	1.8680	2.5533	3.1831	2.3179	1.6164	7.3829	5.2232
Ga-65	1.5644	1.1806	2.2159	2.0434	1.4311	0.9687	4.0313	2.5095
Ga-66	1.6622	1.3428	1.8079	2.1694	1.5886	1.1400	5.0884	3.5553
Ga-67	1.7431	1.4123	2.5426	2.3069	1.5149	1.1079	3.7275	2.6502
Ga-68	0.0958	0.0762	0.1054	0.1257	0.0798	0.0600	0.2316	0.2237
Ga-70	0.0175	0.0133	0.0203	0.0215	0.0166	0.0112	0.0503	0.0372
Ga-72	3.6181	2.9019	4.1036	5.1684	3.5466	2.5242	11.6294	7.9876
Ga-73	2.3040	2.1184	2.7628	2.9856	2.0359	1.5686	4.8786	3.6269
Ga-74	4.0788	3.3234	4.5128	4.9954	3.9421	2.8538	11.8452	6.8289
Gd-142	1.5331	1.2375	1.7270	1.8383	1.4698	1.0561	3.5324	2.3229
Gd-143m	4.2091	3.3913	4.6748	5.2864	4.0444	3.0333	9.6725	6.5988
Gd-144	0.9456	0.7943	1.0031	1.1556	0.9000	0.6602	2.1106	1.3979
Gd-145m	1.7562	1.4308	2.0126	2.4994	1.6498	1.2198	4.8100	3.5370
Gd-145	2.3562	1.9405	2.4959	2.9569	2.2967	1.6658	6.5504	3.9946
Gd-146	3.7236	2.8519	4.5343	4.3923	3.4564	2.3722	7.9383	4.5197
Gd-147	5.0713	3.9447	5.9488	6.4414	4.9072	3.4816	12.4782	9.0643
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.3279	2.7579	3.7387	4.0113	3.1439	2.2430	7.7276	4.7438
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.1519	0.9301	1.1772	1.2914	1.0419	0.8047	1.7668	1.3488
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	1.8513	1.4550	2.4899	2.5512	1.7180	1.2312	3.0385	2.1695
Gd-159	0.4151	0.3448	0.4857	0.5206	0.3938	0.2793	0.8799	0.6531

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Gd-162	1.8231	1.3495	2.2363	2.4224	1.7496	1.1072	5.2503	3.9238
Ge-66	2.6046	2.0939	3.2074	3.2674	2.3602	1.7062	5.9000	4.3735
Ge-67	1.9051	1.4186	2.3145	2.0531	1.8152	1.2116	5.7569	2.7046
Ge-68	0.3536	0.2997	0.4005	0.4327	0.1995	0.2027	0.4504	0.7443
Ge-69	1.5047	1.1968	1.6706	2.0038	1.3593	0.9779	3.9530	3.3305
Ge-71	0.3587	0.3040	0.4063	0.4389	0.2024	0.2056	0.4568	0.7550
Ge-75	0.2337	0.1803	0.2741	0.2621	0.2264	0.1819	0.4658	0.2718
Ge-77	4.0200	3.0889	5.0095	4.8045	3.9189	2.7912	9.9848	6.5079
Ge-78	1.7594	1.4861	2.0410	2.1106	1.6957	1.3460	3.6330	2.1216
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.7011	1.6372	2.1577	2.1837	1.6139	1.1928	3.6616	2.3635
Hf-169	2.5760	2.1222	3.1105	3.0159	2.4447	1.7914	5.2895	3.9823
Hf-170	3.1696	2.5482	3.9956	3.6260	2.9339	2.2152	6.7387	4.2149
Hf-172	2.0618	1.7002	2.5362	2.3484	1.8343	1.5367	3.2146	2.6850
Hf-173	3.7829	3.0947	4.8467	4.3530	3.5521	2.5213	8.8011	5.1988
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.5552	2.2774	3.2561	3.2940	2.4220	1.7797	5.6109	3.9893
Hf-177m	15.7311	13.1641	20.5558	18.8545	15.0590	10.9043	35.8390	22.2792
Hf-178m	11.8933	9.6848	15.5429	14.4612	11.3960	8.0788	27.4893	18.2655
Hf-179m	6.2925	4.9983	8.0375	7.4281	5.9599	4.2077	15.1579	9.8585
Hf-180m	5.9347	4.9322	7.8680	7.3321	5.7150	3.9972	13.9025	9.4836
Hf-181	2.8595	2.2884	3.4862	3.3112	2.6953	1.8412	7.0582	4.6175
Hf-182	1.7415	1.3980	2.0378	2.0021	1.6657	1.3458	3.5103	2.0064
Hf-182m	4.7717	3.8918	6.1523	5.9277	4.5405	3.2866	11.1115	7.6665
Hf-183	2.4779	2.0514	3.0585	3.4589	2.4199	1.8395	6.3229	4.8447
Hf-184	2.4933	2.0504	3.0780	2.8937	2.1783	1.5861	5.7274	3.8710
Hg-190	2.7422	2.2718	3.4737	2.9018	2.4985	2.0043	5.9044	3.1996
Hg-191m	5.6689	4.6187	6.7470	6.7606	5.3749	4.2869	12.0284	8.2530
Hg-192	2.8760	2.5098	3.6386	3.2960	2.6543	2.2937	5.0064	3.2808
Hg-193	3.0583	2.5728	3.8383	3.7330	2.8798	2.3098	6.6243	4.8350
Hg-193m	3.2552	2.6848	3.9642	4.0704	3.1009	2.3578	7.6066	5.5402
Hg-194	0.2035	0.1753	0.2307	0.2455	0.1182	0.1198	0.2594	0.3886
Hg-195	1.6240	1.4508	2.0912	1.9015	1.4596	1.3252	2.6102	2.1128
Hg-195m	1.9376	1.6447	2.3295	2.2267	1.6648	1.4810	3.1376	2.5680
Hg-197	1.3721	1.2757	1.7830	1.5172	1.2193	1.1797	1.7620	1.4458
Hg-197m	1.4343	1.2001	1.7963	1.5669	1.2430	1.0127	2.8553	1.8735
Hg-199m	2.0532	1.6914	2.5264	2.2276	1.8668	1.4853	4.7427	2.4481
Hg-203	1.6167	1.3912	1.9099	1.9335	1.5479	1.2511	3.2202	1.9175
Hg-205	0.0487	0.0380	0.0748	0.0495	0.0482	0.0328	0.1074	0.0659
Hg-206	0.7299	0.7074	0.9076	0.9453	0.6945	0.5295	1.6057	0.9814
Hg-207	4.4144	3.7019	5.0316	5.7688	4.3107	3.0160	12.2891	8.4205
Ho-150	2.4160	1.9339	2.7987	3.6395	2.3437	1.6867	7.1702	5.5557
Ho-153	2.6503	2.2847	3.1139	3.3661	2.5362	1.8752	5.9263	3.9987

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-153m	3.0100	2.3457	3.6977	3.7162	2.8561	2.0264	7.0772	4.6040
Ho-154m	7.3738	6.0485	8.8381	9.7801	7.1043	4.7552	19.7015	14.2095
Ho-154	3.7115	3.2112	4.3935	4.9673	3.5769	2.4544	9.8017	6.7878
Ho-155	2.3153	1.8336	2.7528	2.7088	2.1831	1.5936	4.8152	3.2920
Ho-156	4.7846	3.7445	5.4426	5.7875	4.5840	3.3203	12.0209	7.6314
Ho-157	3.4629	2.8364	4.0821	4.1099	3.2759	2.4211	6.9794	4.8371
Ho-159	3.6752	2.9007	4.4641	4.2379	3.4494	2.4696	7.7054	4.8783
Ho-160	4.8218	3.8475	5.6058	6.3856	4.6306	3.3423	12.2954	9.2704
Ho-161	1.2563	1.0043	1.3346	1.4597	1.1257	0.8914	1.8086	1.5685
Ho-162	1.1108	0.9081	1.2245	1.2611	1.0244	0.8018	1.6572	1.3855
Ho-162m	2.5319	2.0122	2.9925	2.9828	2.3753	1.7268	5.3650	3.9708
Ho-163	0.0058	0.0049	0.0065	0.0071	0.0033	0.0033	0.0074	0.0122
Ho-164	0.5978	0.4876	0.6719	0.6786	0.5458	0.4299	0.8196	0.7050
Ho-164m	1.1004	0.9045	1.2201	1.2554	0.9469	0.7676	1.4671	1.4690
Ho-166	0.2425	0.2076	0.2903	0.2751	0.2164	0.1845	0.3616	0.3005
Ho-166m	5.6720	4.5074	7.0323	7.3896	5.4702	3.8908	15.2077	10.3752
Ho-167	2.1214	1.8962	2.6800	2.8022	2.0357	1.3953	5.3129	3.5568
Ho-168	2.1530	1.7244	2.5763	3.1627	2.0788	1.5067	6.2017	4.7704
Ho-168m	0.2106	0.1733	0.2363	0.2429	0.1637	0.1393	0.2812	0.3276
Ho-170	4.8698	3.7728	5.7337	6.3325	4.7113	3.3918	12.7326	9.4501
I-118m	7.1258	5.7657	7.9211	8.9215	6.7968	4.9216	18.7945	12.0621
I-118	2.4454	1.9870	2.7007	3.0085	2.3301	1.6968	6.3215	3.9484
I-119	2.2557	1.7199	2.3889	2.6087	2.1577	1.7603	4.2460	2.6951
I-120	2.8840	2.3577	3.0996	3.5197	2.7741	2.0056	7.5056	4.6556
I-120m	6.1734	5.0132	6.7843	7.4813	5.8815	4.2762	15.7345	9.8198
I-121	2.3820	1.8215	3.0150	2.6280	2.3168	1.6071	4.9405	3.2886
I-122	0.5394	0.4410	0.5553	0.6670	0.5077	0.3735	1.1963	0.8215
I-123	2.1575	1.6243	2.1956	2.3222	1.9971	1.4006	5.5313	2.4717
I-124	2.1584	1.7611	2.2109	2.6668	2.0364	1.5172	5.0176	3.2030
I-125	1.2483	1.0155	0.9470	1.6079	1.1358	0.8681	1.6536	1.5877
I-126	1.6570	1.2956	1.8370	2.2150	1.5737	1.0978	4.3161	3.0657
I-128	0.2938	0.2248	0.3340	0.3777	0.2813	0.1860	0.7500	0.5668
I-129	0.6651	0.5678	0.5278	0.8862	0.6235	0.4445	0.7885	0.7883
I-130m	0.4745	0.3931	0.4829	0.5780	0.4387	0.3185	0.9303	0.7074
I-130	5.7011	4.5762	6.5464	7.5051	5.4610	3.9023	15.4804	10.6027
I-131	1.6896	1.7051	1.7190	1.7069	1.6589	1.6839	1.6951	1.6724
I-132	4.9794	4.0052	5.6707	6.9176	4.7967	3.4778	14.2578	9.9727
I-132m	1.3190	1.0569	1.4712	1.7338	1.2231	0.9028	3.1354	2.1231
I-133	1.8080	1.4805	2.0485	2.1739	1.7310	1.2136	4.3498	3.0383
I-134m	2.2641	1.8523	2.3338	2.7734	2.1583	1.6857	4.0656	2.7852
I-134	5.0426	3.9662	5.7488	7.3125	4.9360	3.4289	15.3561	11.8405
I-135	2.2043	1.7129	2.4176	2.9425	2.1716	1.4682	6.4460	4.6779
In-103	3.5065	2.7324	4.2898	4.4496	3.4329	2.3458	10.1241	6.6339

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-105	3.0368	2.3430	3.4637	3.7157	2.8987	2.0557	8.2013	5.0970
In-106	6.0517	4.8145	6.7188	8.0175	5.8357	4.1899	16.8917	12.0846
In-106m	2.7494	2.2497	2.9926	3.3631	2.6256	1.9721	7.6194	4.2331
In-107	2.8219	2.2274	3.3970	3.4385	2.7280	1.9018	7.1703	4.7459
In-108	7.7877	6.1331	8.5244	10.2887	7.5080	5.4660	21.0552	14.9741
In-108m	2.8169	2.2961	2.9749	3.4647	2.6785	2.0294	7.5651	4.3267
In-109	2.8203	2.1500	3.5443	3.2660	2.7115	1.9036	6.4212	4.3305
In-109m	1.6451	1.3433	1.8210	2.0239	1.5451	1.1828	4.2580	2.4143
In-110	7.1530	5.6646	7.7876	9.8317	6.8477	4.9964	19.9079	14.6287
In-110m	2.1446	1.7324	2.3021	2.7075	2.0112	1.5430	5.5466	3.3226
In-111	3.8898	2.7974	4.3955	4.1267	3.6736	2.8227	8.5398	4.4384
In-111m	1.5869	1.3036	1.7639	1.8495	1.5044	1.0753	3.6156	2.4481
In-112	0.3204	0.2441	0.2709	0.4036	0.2819	0.2353	0.5566	0.4276
In-112m	0.6934	0.5114	0.5888	0.8015	0.6121	0.4895	1.3740	0.8641
In-113m	1.3561	0.9796	1.6055	1.8578	1.2945	0.8329	3.9398	2.9512
In-114	0.0066	0.0050	0.0060	0.0085	0.0060	0.0046	0.0137	0.0109
In-114m	0.6921	0.5228	0.7626	0.7974	0.6400	0.4735	1.4448	0.9893
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.0821	0.9798	1.2118	1.4714	1.0134	0.7229	2.5480	1.7643
In-116m	3.5701	2.7053	3.9769	4.8722	3.5177	2.3129	10.9367	8.0955
In-117	3.2482	2.5223	3.6559	3.4897	3.0549	2.1363	8.8309	4.2392
In-117m	0.7659	0.6651	0.8415	0.9295	0.7115	0.5109	1.9199	1.0060
In-118m	4.5519	3.4988	5.0336	6.1796	4.4619	3.0162	13.5755	10.2348
In-118	0.1112	0.0841	0.1225	0.1526	0.1096	0.0716	0.3343	0.2558
In-119	1.7980	1.4296	2.0579	2.8331	1.7280	1.2654	5.4240	4.2971
In-119m	0.1972	0.1589	0.1956	0.2629	0.1818	0.1352	0.4566	0.3686
In-121	1.8320	1.4292	2.0407	2.6233	1.8021	1.2627	5.5417	4.4591
In-121m	0.5625	0.4557	0.5615	0.6744	0.5280	0.4468	0.9019	0.7383
Ir-180	4.0243	3.2859	4.8590	5.0153	3.8119	2.8900	9.7541	6.5653
Ir-182	3.7637	3.0269	4.6321	4.5874	3.5677	2.6990	8.8117	5.9784
Ir-183	3.6230	3.0473	4.6025	4.4718	3.4248	2.7528	7.7873	5.5155
Ir-184	5.8059	4.6430	7.0819	7.2376	5.5371	4.2045	13.7487	9.6379
Ir-185	3.1437	2.6563	4.0112	3.7580	2.8803	2.4238	5.9987	4.3378
Ir-186	5.5569	4.6596	6.8116	6.9285	5.2802	3.9558	13.4805	8.9576
Ir-186m	3.1521	2.6126	3.8185	4.0353	2.9971	2.2989	7.9439	5.4513
Ir-187	2.0915	1.8049	2.7282	2.5195	1.9309	1.6474	3.8521	3.1016
Ir-188	3.8764	3.2157	4.6355	4.6235	3.6937	2.8547	10.1453	5.8876
Ir-189	1.3127	1.1609	1.7619	1.5018	1.1753	1.1000	1.7975	1.5806
Ir-190	6.5334	5.3016	8.2449	7.8077	6.2392	4.5110	15.7527	10.4309
Ir-190m	0.1982	0.1685	0.2246	0.2420	0.1124	0.1141	0.2528	0.4094
Ir-190n	1.0345	0.9296	1.4121	1.1820	0.9436	0.8766	1.4230	1.2081
Ir-191m	1.3312	1.1329	1.7393	1.4793	1.1548	0.9825	2.3879	1.7874
Ir-192	3.9351	3.6984	4.8515	5.1442	3.7719	2.6603	9.5329	6.0907

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-192m	0.2241	0.1919	0.2543	0.2724	0.1290	0.1306	0.2875	0.4412
Ir-192n	0.4724	0.4050	0.5380	0.5730	0.2751	0.2779	0.6086	0.9200
Ir-193m	0.2004	0.1709	0.2285	0.2441	0.1158	0.1173	0.2558	0.4066
Ir-194	0.3591	0.3398	0.4405	0.4877	0.3454	0.2415	0.9208	0.5919
Ir-194m	8.6337	7.4151	10.3560	11.1091	8.2344	5.7510	22.1231	14.5881
Ir-195	1.0396	0.9154	1.4749	1.2678	0.9269	0.8315	1.5476	1.2311
Ir-195m	2.2514	1.9025	2.9067	2.8224	2.1145	1.5996	5.0794	3.4876
Ir-196	0.7384	0.6235	0.9062	1.0578	0.7161	0.4834	2.1196	1.5435
Ir-196m	9.2961	7.4235	11.3524	12.1308	8.8671	6.0235	24.9976	17.3068
K-38	1.4860	1.2361	1.6781	1.7971	1.4712	1.0687	5.7884	2.5374
K-40	0.1734	0.1368	0.1783	0.2237	0.1703	0.1173	0.4453	0.3176
K-42	0.2939	0.2378	0.2966	0.3698	0.2909	0.2039	0.7189	0.4843
K-43	3.4323	2.7515	4.1109	4.4000	3.2820	2.2553	9.5018	6.0953
K-44	2.4351	1.9184	2.6600	3.2222	2.4067	1.6513	7.7504	5.1947
K-45	2.8401	2.1984	3.3640	3.2114	2.7794	1.8809	8.4354	4.3636
K-46	2.3948	1.8759	2.5567	3.1900	2.3748	1.6145	7.0856	4.8826
Kr-74	2.2038	1.7967	3.1066	2.6727	2.0670	1.4975	4.9458	2.9713
Kr-75	1.9780	1.4647	2.4121	2.1201	1.8263	1.1929	5.7562	2.8040
Kr-76	2.7639	2.3973	3.3298	3.4947	2.4946	1.8585	6.0905	4.2030
Kr-77	2.0731	1.5355	2.5667	2.1326	1.9101	1.2056	6.0977	2.8840
Kr-79	1.1329	0.9199	1.3333	1.3763	0.9634	0.7608	2.3962	1.7929
Kr-81	0.3824	0.3388	0.4357	0.4528	0.2354	0.2362	0.5012	0.5791
Kr-81m	1.2809	0.9676	1.9125	1.2688	1.2331	0.7881	3.2164	1.7504
Kr-83m	0.1701	0.1502	0.1930	0.2010	0.1034	0.1042	0.2178	0.2711
Kr-85	0.0075	0.0062	0.0086	0.0087	0.0072	0.0050	0.0171	0.0121
Kr-85m	1.4943	1.1483	1.7640	1.5450	1.3894	0.9299	4.5008	1.7712
Kr-87	1.3900	1.0279	1.6788	1.8927	1.3590	0.8774	4.5226	3.0930
Kr-88	2.2202	1.7749	2.6860	2.6968	2.1818	1.5084	6.9921	3.9194
Kr-89	2.8473	2.2704	3.2896	3.6250	2.7861	1.9575	7.8998	5.2689
La-128	5.3766	4.4130	6.0605	6.8175	5.1977	3.7140	13.4653	9.2595
La-129	2.0159	1.6422	2.3655	2.6290	1.9344	1.3523	4.4048	2.9524
La-130	3.8521	3.1996	4.4439	5.1464	3.7317	2.5210	10.4021	7.3902
La-131	2.5486	2.0566	3.0565	3.4470	2.4448	1.6240	5.7049	4.0043
La-132	3.3953	2.7395	3.7647	4.2983	3.2831	2.2407	8.6833	6.0624
La-132m	2.7744	2.1888	3.1242	3.3581	2.6377	1.7760	6.9055	4.4743
La-133	0.9009	0.7921	0.8345	1.2156	0.8358	0.5860	1.2823	1.1763
La-134	0.3695	0.3198	0.3387	0.4898	0.3526	0.2432	0.5878	0.4688
La-135	0.6909	0.6122	0.5800	0.9570	0.6599	0.4395	0.7921	0.8184
La-136	0.4784	0.4208	0.4109	0.6773	0.4583	0.3067	0.6256	0.6250
La-137	0.6362	0.5665	0.5238	0.8858	0.6066	0.4041	0.6846	0.7337
La-138	1.9505	1.5689	2.0380	2.7893	1.9119	1.3121	4.9933	3.9068
La-140	3.5179	2.9109	3.8546	4.6070	3.4441	2.4034	9.0966	6.3698
La-141	0.0309	0.0238	0.0330	0.0413	0.0306	0.0204	0.0888	0.0636

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-142	2.4772	2.0207	2.7269	3.0988	2.4101	1.7545	7.6218	4.3174
La-143	0.3592	0.2869	0.3971	0.4679	0.3498	0.2477	1.0702	0.6900
Lu-165	3.4890	2.7598	4.3253	4.1418	3.3095	2.3943	7.9395	5.2591
Lu-167	4.0261	3.2185	4.7049	4.8873	3.8401	2.8271	9.3950	6.3801
Lu-169m	0.1452	0.1230	0.1644	0.1777	0.0819	0.0832	0.1849	0.3061
Lu-169	3.6303	2.8789	4.3778	4.4393	3.4808	2.5324	8.4323	6.1946
Lu-170	3.6802	2.9572	4.2033	4.6138	3.5512	2.5951	9.5664	6.6365
Lu-171m	0.1574	0.1335	0.1792	0.1919	0.0909	0.0917	0.2007	0.3258
Lu-171	3.0835	2.5256	3.6557	3.9752	2.8218	2.2585	6.3001	5.0913
Lu-172	5.2402	4.1571	6.2105	6.7592	5.0330	3.6222	13.2529	10.1622
Lu-172m	0.1306	0.1106	0.1479	0.1598	0.0736	0.0748	0.1662	0.2753
Lu-173	2.3707	1.9547	2.9587	2.6949	2.2181	1.8133	3.7879	2.7842
Lu-174	1.1040	0.9146	1.3470	1.2546	1.0062	0.8323	1.6759	1.4525
Lu-174m	1.2460	1.0528	1.5306	1.4264	1.0693	0.9292	1.7128	1.6944
Lu-176	3.6542	3.2100	5.1312	4.3620	3.5226	2.4591	8.2184	5.1872
Lu-176m	0.2856	0.2418	0.4019	0.3641	0.2450	0.2108	0.4361	0.3750
Lu-177	0.3706	0.2807	0.5610	0.4224	0.3547	0.2415	0.8262	0.5144
Lu-177m	7.8615	6.1818	10.6083	9.1874	7.5369	5.3082	18.4579	11.5557
Lu-178	0.3377	0.2675	0.4470	0.4542	0.3118	0.2307	0.7378	0.5636
Lu-178m	6.7950	5.6542	9.3635	8.7214	6.5423	4.5573	16.1612	10.7393
Lu-179	0.2367	0.1759	0.3447	0.2431	0.2348	0.1602	0.5356	0.3220
Lu-180	3.5890	2.7708	4.4085	4.7233	3.4833	2.3402	9.7719	7.2171
Lu-181	2.5966	2.1083	3.2656	3.2259	2.4158	1.7939	6.0039	4.1445
Mg-27	1.6723	1.3084	1.9060	2.5736	1.6515	1.1383	5.3691	4.4461
Mg-28	2.8143	2.1678	2.9954	3.9040	2.7656	1.8105	7.5382	5.9207
Mn-50m	5.5119	4.2954	6.1131	7.9088	5.4216	3.7207	16.6244	12.7251
Mn-51	0.0120	0.0097	0.0137	0.0167	0.0103	0.0079	0.0315	0.0269
Mn-52	5.0256	3.9567	5.5505	7.1769	4.9061	3.4163	14.7342	11.4249
Mn-52m	1.6138	1.2611	1.6797	2.1105	1.5959	1.0824	4.2947	3.0767
Mn-53	0.1173	0.0993	0.1328	0.1435	0.0661	0.0672	0.1493	0.2476
Mn-54	1.7540	1.3916	2.0523	2.8287	1.6804	1.1967	5.5202	4.7206
Mn-56	2.2827	1.8262	2.6118	3.4334	2.2543	1.5898	7.5850	5.5120
Mn-57	0.6499	0.5226	0.7982	0.7779	0.5367	0.3975	1.4782	1.1000
Mn-58m	3.6968	2.8885	4.2013	5.4570	3.6396	2.4861	11.3293	8.7269
Mo-101	2.8787	2.2841	3.3679	3.6128	2.7860	1.9357	7.8714	5.3554
Mo-102	0.1673	0.1226	0.2246	0.1699	0.1618	0.1086	0.4320	0.2146
Mo-89	0.3673	0.2922	0.4069	0.4979	0.3534	0.2526	1.0662	0.7592
Mo-90	3.8917	3.0192	4.5808	4.3443	3.5557	2.7333	8.0822	5.1943
Mo-91m	1.6077	1.2877	1.7405	2.0426	1.5395	1.1181	4.2405	2.7753
Mo-91	0.0522	0.0461	0.0523	0.0562	0.0420	0.0384	0.0695	0.0669
Mo-93	0.5815	0.5267	0.5781	0.5926	0.4265	0.4314	0.4638	0.6697
Mo-93m	4.5134	3.5933	4.8876	5.7022	4.3279	3.2669	10.9043	7.1983
Mo-99	0.5108	0.3975	0.6163	0.6793	0.4876	0.3415	1.4634	0.9609

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	1.0383	0.9020	1.1550	1.3096	1.0372	0.7992	3.2991	1.6168
Na-22	1.6448	1.2209	1.7967	2.2930	1.6270	1.0438	4.9706	3.8383
Na-24	3.1030	2.4851	3.3209	3.9689	3.0797	2.1485	9.6524	5.9373
Nb-87	2.5031	1.9319	3.6768	2.4462	2.3834	1.5692	5.7340	3.4912
Nb-88m	6.1569	4.7477	6.9442	8.1865	6.0028	4.0827	18.0432	13.3603
Nb-88	7.4824	5.9381	8.3628	9.5639	7.2061	5.1122	19.9113	15.0924
Nb-89	0.6528	0.5478	0.7001	0.7889	0.6067	0.4613	1.6534	1.1292
Nb-89m	1.6636	1.3834	1.8889	1.9581	1.5676	1.1102	3.7056	2.7659
Nb-90	4.8727	3.8476	5.4658	5.7861	4.6399	3.2396	15.0794	8.8022
Nb-91	0.5803	0.5449	0.6095	0.5495	0.4162	0.4264	0.4708	0.6713
Nb-91m	0.5343	0.4774	0.5434	0.5617	0.4014	0.3909	0.5174	0.6616
Nb-92	3.9798	3.2669	4.4072	5.0058	3.7128	2.7382	9.8860	7.6544
Nb-92m	2.2976	1.8824	2.5124	3.0500	2.1140	1.5855	5.8811	5.1575
Nb-93m	0.1119	0.1009	0.1124	0.1157	0.0807	0.0817	0.0931	0.1367
Nb-94m	0.4053	0.3659	0.4046	0.4183	0.2990	0.2997	0.3452	0.4824
Nb-94	3.3011	2.6329	3.7872	4.9094	3.2083	2.3027	10.0718	7.6301
Nb-95	1.6348	1.3068	1.9342	2.6446	1.5956	1.1464	5.2107	4.1030
Nb-95m	0.8625	0.6918	0.9922	0.8848	0.7504	0.6476	1.2602	0.9966
Nb-96	5.3296	4.2082	6.1416	7.6008	5.1915	3.6145	15.6000	11.9167
Nb-97	1.7152	1.3999	1.9213	2.1550	1.6191	1.2286	4.5594	2.6628
Nb-98m	5.1177	4.1026	5.8948	7.6218	4.9951	3.5392	15.6234	11.6039
Nb-99	2.3365	1.7215	3.2230	2.8562	2.1194	1.4123	5.9793	3.0177
Nb-99m	1.0892	0.8711	1.2999	1.4228	1.0479	0.7519	3.0614	1.8858
Nd-134	2.6853	2.1240	3.1236	3.0679	2.5565	1.7566	6.3658	3.3860
Nd-135	3.2549	2.5659	4.0198	3.7740	3.1473	2.1406	7.0706	4.8442
Nd-136	2.1126	1.7055	2.4266	2.7463	1.9792	1.3679	3.9026	2.7264
Nd-137	2.7882	2.3538	2.9984	3.6026	2.6878	1.9652	5.9990	4.3809
Nd-138	0.7758	0.6769	0.7088	0.9797	0.7311	0.5233	0.9729	0.8858
Nd-139	0.9165	0.7505	0.9151	1.1843	0.8738	0.6075	1.7249	1.4074
Nd-139m	4.4465	3.5350	5.1300	6.2418	4.2828	2.9664	11.5544	8.6077
Nd-140	0.6724	0.5829	0.5785	0.8480	0.6308	0.4563	0.7307	0.7329
Nd-141	0.7023	0.6050	0.6116	0.8881	0.6608	0.4755	0.8277	0.8026
Nd-141m	1.5605	1.2531	1.8204	2.4531	1.5162	1.0958	4.7841	3.7045
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1111	0.9187	1.3997	1.4593	1.0527	0.7695	2.0079	1.3785
Nd-149	2.4081	1.8831	3.0944	2.8307	2.3188	1.6286	5.4947	3.3339
Nd-151	2.8476	2.1775	3.5100	3.6570	2.7387	1.8741	7.5420	4.9031
Nd-152	1.1275	0.9135	1.2694	1.2943	1.0614	0.8655	2.1297	1.3360
Ne-19	0.0002	0.0002	0.0004	0.0003	0.0002	0.0001	0.0006	0.0004
Ne-24	1.8730	1.4760	2.2026	2.3396	1.8065	1.1974	4.8207	3.5948
Ni-56	5.5393	4.3026	6.4001	7.2139	5.2482	3.7417	16.0155	10.1267
Ni-57	1.9679	1.5240	2.1569	2.5084	1.8849	1.2745	5.5529	3.8100

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ni-59	0.2033	0.1722	0.2303	0.2489	0.1146	0.1164	0.2588	0.4293
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7453	0.5855	0.7978	0.9862	0.7357	0.4951	2.0672	1.5244
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.8671	4.0360	6.5150	7.1991	4.4737	3.2079	12.1038	8.9437
Np-233	1.4478	1.1065	2.4123	2.2418	1.2536	0.8867	2.9514	1.9296
Np-234	2.6903	2.1201	3.5677	3.7832	2.4302	1.7571	5.9500	4.2463
Np-235	0.3848	0.3365	0.4087	0.4419	0.2601	0.2585	0.4177	0.5433
Np-236	2.9832	2.3451	4.0812	3.9104	2.4546	1.8993	5.7901	3.8255
Np-236m	0.7990	0.6149	1.2897	1.2138	0.6805	0.4943	1.5706	1.0659
Np-237	0.9488	0.8141	1.1283	1.1699	0.7508	0.6557	1.2844	1.1867
Np-238	1.3552	1.0723	1.4386	1.7938	1.2427	0.9107	3.4585	3.0192
Np-239	2.3459	1.8027	3.4939	3.2834	2.0589	1.4876	4.8096	3.1993
Np-240	4.0118	3.1731	4.8061	5.2134	3.6168	2.6635	9.4038	6.9745
Np-240m	1.1370	0.9383	1.2415	1.3860	1.0094	0.7889	2.3780	1.7576
Np-241	0.5701	0.4291	0.8758	0.8135	0.4934	0.3430	1.2318	0.7872
Np-242	0.4366	0.3505	0.4834	0.6054	0.4131	0.3021	1.2267	0.8930
Np-242m	3.3093	2.6241	3.8008	4.5869	2.9616	2.2668	8.0960	6.3898
O-14	1.4880	1.2347	1.6536	1.7695	1.4754	1.0688	5.6418	2.4770
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.5869	1.9417	3.6763	2.8725	2.5899	1.6181	6.7811	4.2990
Os-180	1.5070	1.3103	1.9250	1.8120	1.3359	1.2067	2.2428	2.0010
Os-181	4.5929	3.7002	5.7197	5.7607	4.3911	3.4614	10.3356	7.5794
Os-182	2.9563	2.4430	3.7767	3.2990	2.7570	2.1405	5.9049	4.0554
Os-183	4.1652	3.4003	5.5437	5.2795	3.9475	2.9886	9.4929	6.8892
Os-183m	2.4931	2.0281	2.9844	3.1961	2.3942	1.8262	5.9302	4.8621
Os-185	2.5446	2.1473	3.0747	3.1090	2.3805	1.9472	5.5812	3.6813
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1901	0.1614	0.2153	0.2323	0.1076	0.1093	0.2424	0.3951
Os-190m	6.7462	5.5313	8.3287	8.0175	6.3805	4.4483	16.7650	10.7884
Os-191	1.4314	1.2179	1.8783	1.5856	1.2556	1.0638	2.5920	1.8919
Os-191m	0.2842	0.2485	0.3497	0.3391	0.1995	0.1967	0.3631	0.4850
Os-193	0.5282	0.4472	0.6756	0.6210	0.4835	0.3856	1.0784	0.7524
Os-194	0.2135	0.1812	0.2341	0.2552	0.1406	0.1312	0.2698	0.3785
Os-196	0.5723	0.4732	0.7492	0.6699	0.5437	0.4141	1.2618	0.8347
P-30	0.0011	0.0009	0.0013	0.0014	0.0011	0.0008	0.0042	0.0019
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5116	0.4356	0.7120	0.6510	0.4198	0.3607	0.7846	0.6378
Pa-228	4.9244	3.9851	6.3798	6.7475	4.4737	3.2649	11.7411	8.7913
Pa-229	1.2115	0.9738	1.9213	1.7607	1.0327	0.7947	2.2153	1.5178
Pa-230	2.7399	2.1868	3.6547	3.8260	2.4677	1.8102	6.3506	4.9114
Pa-231	0.8645	0.7680	0.9595	1.0238	0.6508	0.5832	1.2221	1.2309

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pa-232	2.7745	2.1903	3.2002	3.6988	2.5616	1.8320	7.3154	5.7150
Pa-233	2.0291	1.8045	2.7855	2.8374	1.7860	1.3230	4.2225	2.9061
Pa-234	5.0910	4.0181	6.3659	6.8772	4.6565	3.3803	12.6528	9.2589
Pa-234m	0.0419	0.0330	0.0516	0.0590	0.0387	0.0280	0.1082	0.0846
Pa-235	0.0687	0.0582	0.0778	0.0840	0.0388	0.0394	0.0875	0.1444
Pa-236	1.9709	1.6105	2.2608	2.5069	1.8021	1.3683	4.9105	3.1684
Pa-237	1.4713	1.1865	1.7078	2.1016	1.4099	0.9955	4.1447	3.2797
Pb-194	3.7882	3.2031	4.7487	4.5008	3.6055	2.8287	8.0645	5.4916
Pb-195m	5.8739	4.7463	7.2446	7.8633	5.5450	4.0065	15.4136	11.4537
Pb-196	3.3255	2.8175	4.1635	3.7943	3.1363	2.5958	6.1686	4.1647
Pb-197	3.8203	3.1246	4.6649	5.0513	3.6677	2.7136	9.9401	7.1989
Pb-197m	4.9744	4.0294	6.2513	6.4081	4.7062	3.4825	12.2436	8.9062
Pb-198	3.1879	2.7745	4.0417	3.8166	2.9930	2.4170	6.5543	4.2341
Pb-199	3.1028	2.6503	3.8195	3.9951	2.9575	2.2599	7.3510	5.2266
Pb-200	2.5447	2.1706	3.2112	2.7723	2.3270	1.9676	4.8665	2.7793
Pb-201	3.5361	3.2406	4.4429	4.6218	3.3528	2.5734	8.0529	5.5982
Pb-201m	1.3768	1.1777	1.6151	1.5915	1.2716	1.0490	2.9564	1.6543
Pb-202	0.1940	0.1662	0.2200	0.2355	0.1116	0.1131	0.2484	0.3812
Pb-202m	5.2617	4.0855	6.1869	7.2813	5.0834	3.4989	15.2894	11.7565
Pb-203	2.7132	2.3986	3.3551	3.1768	2.5492	2.1868	4.7854	3.0585
Pb-204m	4.8939	3.8626	5.7628	7.1553	4.7923	3.2318	15.0875	11.9501
Pb-205	0.1963	0.1682	0.2227	0.2384	0.1129	0.1145	0.2514	0.3858
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2547	0.2214	0.2851	0.2957	0.1677	0.1604	0.3223	0.3994
Pb-211	0.1978	0.1508	0.2424	0.2849	0.1915	0.1295	0.5922	0.4552
Pb-212	1.3550	1.0915	1.7103	1.4759	1.2875	1.0913	2.3555	1.4151
Pb-214	1.5794	1.4046	1.9751	2.0240	1.4923	1.1232	3.5848	2.3707
Pd-100	2.3767	1.9352	2.5468	3.0782	2.1680	1.9323	3.1707	2.2615
Pd-101	1.9759	1.5291	1.7943	2.7298	1.7382	1.4430	3.2709	2.6176
Pd-103	0.5800	0.4072	0.4040	0.8654	0.4692	0.4346	0.5711	0.6641
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.1784	0.8649	1.6028	1.2451	1.1328	0.7529	2.7978	1.5671
Pd-109	0.3417	0.2528	0.2871	0.4642	0.2890	0.2556	0.4517	0.4220
Pd-111	0.1178	0.0951	0.1329	0.1498	0.1133	0.0825	0.2949	0.2015
Pd-112	0.2427	0.1951	0.2078	0.3085	0.1843	0.1793	0.2108	0.2837
Pd-114	0.2160	0.1592	0.2738	0.2334	0.2071	0.1422	0.5374	0.3018
Pd-96	3.4920	2.6662	3.9636	4.6722	3.2874	2.2879	9.3798	6.5653
Pd-97	3.3732	2.6477	3.6903	4.3057	3.2557	2.4246	8.4359	5.7161
Pd-98	2.4976	1.8300	3.1787	3.5737	2.2692	1.6446	5.4984	3.5653
Pd-99	2.7899	2.0812	3.1200	3.3649	2.6110	1.8321	7.4340	4.3451
Pm-136	5.1785	4.1903	6.1335	7.2830	5.0102	3.4360	14.9916	10.8715
Pm-137m	5.0720	3.9834	6.2449	6.2712	4.8712	3.3851	12.0158	7.6861
Pm-139	0.8626	0.6776	0.9750	1.1493	0.8288	0.5591	2.1127	1.5793

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pm-140m	5.4709	4.1963	6.2882	7.8134	5.3475	3.5939	16.4144	12.9488
Pm-140	0.3442	0.2754	0.3706	0.4658	0.3323	0.2327	0.8755	0.6602
Pm-141	0.6356	0.5226	0.6315	0.8027	0.6086	0.4323	1.2305	0.9636
Pm-142	0.2316	0.1961	0.2125	0.2831	0.2195	0.1613	0.3469	0.2791
Pm-143	1.3231	1.1007	1.3470	1.8162	1.2570	0.9229	2.7082	2.1980
Pm-144	4.8963	4.0097	5.3770	6.1692	4.6373	3.4189	11.8401	7.7024
Pm-145	0.7111	0.6128	0.6388	0.8653	0.6623	0.4972	0.7889	0.7675
Pm-146	2.5787	2.0525	2.9149	3.4937	2.4761	1.7183	6.5659	4.9713
Pm-147	0.0001	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001
Pm-148	0.9784	0.7849	1.0651	1.2542	0.9517	0.6657	2.5617	1.8283
Pm-148m	5.6775	4.6164	6.4568	7.0766	5.4128	3.9157	14.6346	9.5037
Pm-149	0.0653	0.0572	0.0761	0.0820	0.0624	0.0480	0.1419	0.0891
Pm-150	3.0392	2.5906	3.5649	4.2542	2.9644	1.9993	8.7723	6.2056
Pm-151	1.8993	1.5592	2.3573	2.3902	1.8166	1.2789	4.5817	2.8429
Pm-152m	4.6658	3.5963	5.4355	5.7474	4.5071	3.2328	11.4953	7.6870
Pm-152	0.7878	0.6074	0.9346	1.0191	0.7547	0.5108	2.1768	1.4868
Pm-153	0.9537	0.7398	1.1731	1.1035	0.8910	0.5965	2.1503	1.2611
Pm-154	2.5030	2.0118	2.7966	3.2853	2.4478	1.7436	7.3590	4.9550
Pm-154m	4.2830	3.4085	5.0683	5.3122	4.1593	2.9428	10.7295	7.0565
Po-203	4.0990	3.3686	4.9826	5.2838	3.9235	2.9788	10.0800	7.5064
Po-204	5.2765	4.5089	6.4780	6.5113	4.8858	3.9778	11.0258	8.0318
Po-205	3.9325	3.2670	4.6967	5.2643	3.7655	2.9031	9.8138	7.4533
Po-206	4.6066	3.9833	5.5439	5.8417	4.2847	3.3433	10.2030	7.6001
Po-207	3.5976	2.9841	4.2918	4.7127	3.4403	2.6358	8.9228	6.7761
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001
Po-209	0.0361	0.0299	0.0424	0.0446	0.0306	0.0263	0.0678	0.0599
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001
Po-211	0.0191	0.0154	0.0216	0.0257	0.0185	0.0132	0.0531	0.0392
Po-212m	0.0741	0.0614	0.0818	0.0869	0.0719	0.0525	0.2225	0.1158
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0003	0.0002
Po-214	0.0002	0.0001	0.0002	0.0003	0.0002	0.0001	0.0006	0.0005
Po-215	0.0007	0.0005	0.0009	0.0009	0.0007	0.0004	0.0020	0.0015
Po-216	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	7.0553	5.6148	8.3915	9.2686	6.8260	4.6390	19.7116	13.5845
Pr-134m	3.2113	2.4371	3.7664	4.2250	3.1258	2.0583	9.5246	6.6249
Pr-135	1.9604	1.6968	2.1952	2.4515	1.8894	1.3729	3.7460	2.5788
Pr-136	3.5241	2.8865	3.8590	4.2751	3.3840	2.3863	8.6043	5.8224
Pr-137	0.6973	0.5947	0.6456	0.9154	0.6640	0.4638	1.1007	0.9432
Pr-138	0.2392	0.2043	0.2230	0.3273	0.2283	0.1616	0.3967	0.3471
Pr-138m	5.6775	4.7665	6.4028	8.1583	5.5360	3.8606	15.5265	12.0434
Pr-139	0.6452	0.5625	0.5501	0.8403	0.6105	0.4302	0.7322	0.7274

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pr-140	0.3432	0.3003	0.2923	0.4471	0.3247	0.2288	0.3857	0.3838
Pr-142	0.0583	0.0477	0.0574	0.0713	0.0577	0.0412	0.1346	0.0874
Pr-142m	0.0092	0.0078	0.0104	0.0113	0.0052	0.0053	0.0117	0.0195
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0377	0.0307	0.0423	0.0498	0.0365	0.0268	0.1164	0.0684
Pr-144m	0.3024	0.2613	0.2709	0.3802	0.2706	0.2017	0.3403	0.3678
Pr-145	0.0470	0.0383	0.0519	0.0638	0.0455	0.0331	0.1211	0.0911
Pr-146	1.8254	1.4294	2.0784	2.3988	1.7788	1.2045	5.1054	3.6307
Pr-147	2.3357	2.0036	2.5480	2.8915	2.2270	1.6313	4.5969	3.2144
Pr-148	2.2757	1.9932	2.6440	3.0465	2.2080	1.5677	6.0512	4.0100
Pr-148m	3.4422	3.0109	4.0959	4.5463	3.3138	2.3469	8.7467	5.7807
Pt-184	5.6749	4.7743	7.4537	6.4674	5.2855	4.2919	11.3852	7.4364
Pt-186	3.0954	2.6421	3.9001	3.8026	2.9021	2.4010	6.5116	4.4653
Pt-187	3.4820	2.9758	4.6796	4.2700	3.2624	2.6783	6.7945	4.9419
Pt-188	2.3138	1.9572	3.2310	2.5822	2.1613	1.7592	4.3303	3.0590
Pt-189	3.1460	2.7312	4.1322	3.7650	2.9163	2.4904	5.7297	4.1286
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	2.7069	2.3733	3.6122	3.1789	2.5153	2.1686	4.6916	3.4939
Pt-193	0.2053	0.1754	0.2328	0.2499	0.1175	0.1192	0.2627	0.4109
Pt-193m	0.3919	0.3484	0.4853	0.4586	0.2899	0.2850	0.5030	0.6039
Pt-195m	1.5739	1.3903	2.1468	1.9110	1.3314	1.2226	2.2568	2.0219
Pt-197	0.4588	0.4125	0.5823	0.4985	0.3886	0.3576	0.6704	0.5512
Pt-197m	1.1198	1.0153	1.4318	1.3353	0.9532	0.8598	1.7592	1.5523
Pt-199	0.8278	0.6921	1.0082	0.9858	0.7873	0.5692	1.9283	1.2937
Pt-200	0.8541	0.7469	1.0967	0.9519	0.7595	0.6718	1.3894	1.0072
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.0764	0.8063	1.7973	1.6741	0.9280	0.6420	2.2456	1.4659
Pu-234	1.2129	0.9146	1.9932	1.8661	1.0366	0.7276	2.4785	1.6533
Pu-235	1.6059	1.2234	2.5572	2.4230	1.3611	0.9759	3.1892	2.2031
Pu-236	0.1222	0.1069	0.1254	0.1392	0.0842	0.0840	0.1251	0.1635
Pu-237	1.0815	0.8443	1.6369	1.5682	0.8927	0.6758	1.9750	1.4677
Pu-238	0.1127	0.0986	0.1156	0.1283	0.0775	0.0774	0.1152	0.1507
Pu-239	0.0614	0.0533	0.0647	0.0712	0.0407	0.0406	0.0671	0.0927
Pu-240	0.1060	0.0928	0.1088	0.1207	0.0729	0.0729	0.1084	0.1418
Pu-241	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0000
Pu-242	0.0910	0.0796	0.0933	0.1036	0.0626	0.0625	0.0932	0.1218
Pu-243	0.4316	0.3780	0.5711	0.5350	0.3868	0.3415	0.6350	0.4394
Pu-244	0.1094	0.0932	0.1170	0.1295	0.0850	0.0749	0.1726	0.1633
Pu-245	1.7559	1.4810	2.2998	2.4651	1.6404	1.1289	4.4784	3.0447
Pu-246	1.9515	1.4801	2.6841	2.4462	1.7519	1.2649	3.8848	2.5371
Ra-219	1.1035	1.0943	1.4508	1.5040	1.0390	0.7645	2.4793	1.5312
Ra-220	0.0179	0.0140	0.0213	0.0222	0.0172	0.0113	0.0459	0.0338
Ra-221	0.6176	0.5022	0.7921	0.7049	0.5181	0.4087	1.2973	0.7676

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ra-222	0.0509	0.0514	0.0648	0.0711	0.0487	0.0335	0.1286	0.0805
Ra-223	1.4907	1.2686	1.9984	1.8437	1.3548	1.0934	2.9087	1.7513
Ra-224	0.0819	0.0596	0.0994	0.0872	0.0787	0.0646	0.1517	0.0890
Ra-225	0.3902	0.3386	0.3672	0.4391	0.3314	0.2761	0.4169	0.4293
Ra-226	1.4066	1.4345	1.4679	1.3672	1.3883	1.4117	1.4233	1.3708
Ra-227	1.3779	1.1824	1.6297	1.7085	1.1679	0.9431	2.4811	1.9681
Ra-228	1.3915	1.4151	1.4330	1.4058	1.3727	1.3930	1.4065	1.3996
Ra-230	0.7494	0.6170	1.0606	0.9364	0.6823	0.5289	1.4529	0.9841
Rb-77	2.1027	1.7168	2.6697	2.5036	2.0480	1.5631	5.0380	3.1840
Rb-78m	4.1962	3.3001	4.8894	5.5134	4.0610	2.7942	12.0129	8.0640
Rb-78	3.1334	2.5294	3.5402	3.9876	3.0483	2.1422	9.1623	5.8826
Rb-79	2.7257	2.1277	3.2962	3.1240	2.5346	1.7457	7.4603	4.1422
Rb-80	0.5063	0.4154	0.5632	0.6018	0.4741	0.3602	1.2754	0.7106
Rb-81	1.0320	0.8374	1.2102	1.2829	0.9030	0.6587	2.3793	1.8368
Rb-81m	0.3968	0.3592	0.4759	0.4557	0.2884	0.2733	0.5365	0.4504
Rb-82	0.2823	0.2269	0.3328	0.4522	0.2704	0.1961	0.8741	0.7005
Rb-82m	5.8490	4.6992	6.6381	8.0090	5.5676	4.0071	16.1853	11.8631
Rb-83	1.9712	1.6579	2.2378	2.2948	1.7529	1.3079	4.1545	3.0122
Rb-84	1.4291	1.1533	1.6301	2.1090	1.3171	0.9639	4.0890	3.4432
Rb-84m	2.3556	1.7477	2.8619	2.5822	2.2529	1.7240	4.8984	3.1404
Rb-86m	1.7074	1.4085	1.9235	1.9854	1.6182	1.1671	4.0274	2.5653
Rb-86	0.1468	0.1118	0.1580	0.1998	0.1454	0.0962	0.4503	0.3672
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.6322	0.5128	0.6959	0.8467	0.6254	0.4440	2.0712	1.2886
Rb-89	2.7906	2.1680	3.0409	3.7200	2.7539	1.8704	8.7360	6.2676
Rb-90	1.4556	1.1862	1.6210	2.1129	1.4440	1.0334	4.6284	3.3232
Rb-90m	3.3533	2.6934	3.7725	4.9249	3.3140	2.3383	10.6699	7.8098
Re-178	3.2741	2.6003	4.1841	4.0854	3.1090	2.4067	7.2532	5.0999
Re-179	4.2491	3.5085	5.2926	5.2755	4.0478	3.0144	9.7154	6.8865
Re-180	3.3223	2.6893	4.2534	4.6720	3.1511	2.3892	8.1768	6.6814
Re-181	3.9723	3.3473	5.0564	5.1003	3.7502	2.8317	9.0989	6.7529
Re-182	7.6715	6.1651	9.8752	9.1959	7.3026	5.5519	16.8943	11.5058
Re-182m	3.6829	3.0168	4.7242	4.6803	3.5126	2.7469	8.0319	6.0948
Re-183	2.3964	2.0100	3.1629	2.7315	2.1647	1.8210	4.1990	2.9679
Re-184	2.9653	2.4177	3.7667	4.1664	2.8178	2.1726	7.2553	5.9071
Re-184m	2.5483	2.0856	3.4076	3.1766	2.3428	1.8668	5.1338	3.8288
Re-186	0.2913	0.2330	0.3754	0.3124	0.2647	0.2016	0.6549	0.3804
Re-186m	0.7512	0.6423	0.9022	0.9069	0.5270	0.4973	0.9785	1.2970
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4064	0.3123	0.4811	0.4314	0.3754	0.2713	1.1260	0.5161
Re-188m	1.3732	1.1886	1.9570	1.7024	1.2017	1.0753	2.0393	1.7898
Re-189	0.4742	0.3658	0.6311	0.5050	0.4479	0.3382	0.9937	0.6225
Re-190	5.0335	3.9412	6.3392	6.1851	4.8640	3.3460	13.3956	8.7703

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Re-190m	4.0046	3.2241	5.0523	4.8840	3.8062	2.7069	9.9599	6.6323
Rh-100m	0.9402	0.7044	0.7448	1.3389	0.7982	0.7117	1.0596	1.0682
Rh-100	4.4838	3.5879	4.7961	5.7365	4.2578	3.0940	11.5493	7.7889
Rh-101	3.1693	2.3912	4.1428	3.4994	2.9698	1.9725	7.4163	4.4680
Rh-101m	2.0895	1.9226	2.3017	2.8322	1.9076	1.4657	4.1556	2.8364
Rh-102	1.4457	1.1293	1.5317	1.8375	1.3272	0.9737	3.0820	2.3993
Rh-102m	5.9812	4.7162	6.6094	7.8710	5.6558	4.0751	15.4073	11.1701
Rh-103m	0.0759	0.0554	0.0589	0.1094	0.0581	0.0544	0.0787	0.1001
Rh-104	0.0394	0.0322	0.0434	0.0470	0.0370	0.0270	0.0906	0.0600
Rh-104m	1.0456	0.7802	1.0046	1.3823	0.9299	0.7841	1.3004	1.1561
Rh-105	0.4253	0.4373	0.5330	0.5920	0.4083	0.2825	1.0595	0.6474
Rh-106	0.5916	0.4851	0.6651	0.6989	0.5640	0.4018	1.4267	0.9454
Rh-106m	6.3479	5.0188	7.2645	8.4431	6.1620	4.2502	17.5037	12.8575
Rh-107	1.6682	1.5626	2.0492	2.2338	1.6042	1.1368	4.1187	2.5713
Rh-108	1.1285	0.8628	1.3420	1.4333	1.0837	0.7210	3.1060	2.1716
Rh-109	1.7875	1.5881	2.2298	2.3371	1.7119	1.1907	4.4281	2.7363
Rh-94	3.8884	3.1010	4.2765	5.3143	3.8177	2.6244	11.0989	8.0594
Rh-95	2.6748	2.0882	2.8778	3.6803	2.6037	1.8284	7.7063	5.8528
Rh-95m	1.7047	1.3997	1.8990	2.0854	1.6220	1.1709	4.1093	2.7786
Rh-96	6.4957	5.2037	7.3006	9.0750	6.2356	4.5625	18.6442	12.9545
Rh-96m	1.5442	1.2051	1.6343	2.2867	1.4750	1.0823	4.3367	3.3379
Rh-97	2.3598	1.7664	2.7329	3.2654	2.2550	1.5188	6.6818	5.0651
Rh-97m	3.5180	2.7382	4.0825	4.3192	3.3686	2.3875	9.4130	5.8973
Rh-98	1.9658	1.5981	2.1702	2.4674	1.8550	1.4050	5.2237	3.0608
Rh-99	2.9209	2.3903	3.3542	3.9355	2.6667	2.0210	5.9205	4.2971
Rh-99m	2.4730	2.1201	2.7594	3.3948	2.2860	1.6700	5.7107	4.0882
Rn-207	3.3273	2.8508	4.1591	4.4480	3.1469	2.3389	8.2193	5.6356
Rn-209	3.6807	3.0067	4.6002	4.9285	3.4949	2.5663	9.4286	6.6562
Rn-210	0.2547	0.2126	0.3168	0.3195	0.2374	0.1834	0.5689	0.4026
Rn-211	4.7034	3.7913	5.5471	6.1291	4.4671	3.3098	11.9819	8.4488
Rn-212	0.0008	0.0007	0.0010	0.0011	0.0008	0.0006	0.0023	0.0015
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0022	0.0018	0.0024	0.0025	0.0020	0.0015	0.0054	0.0030
Rn-219	0.3434	0.2678	0.4125	0.4248	0.3295	0.2465	0.8088	0.5336
Rn-220	1.5138	1.5402	1.5353	1.4953	1.4872	1.4943	1.5468	1.4726
Rn-222	0.0013	0.0011	0.0015	0.0016	0.0013	0.0009	0.0030	0.0022
Rn-223	1.6208	1.3274	2.0215	2.0103	1.4352	1.1066	3.5637	2.4576
Ru-103	1.7186	1.4113	1.9641	2.0106	1.6455	1.1308	3.9315	2.8402
Ru-105	2.3204	1.8837	2.6768	3.1442	2.2140	1.5883	6.2532	4.3019
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.9417	0.7287	1.1727	1.2099	0.9216	0.6179	2.6235	1.8419

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ru-108	0.6965	0.5083	0.8344	0.7215	0.6489	0.4453	1.9853	0.7769
Ru-92	6.9547	5.2643	8.1932	7.8833	6.5517	4.9209	14.9203	9.4995
Ru-94	2.3584	1.9130	2.6760	3.2733	2.1728	1.5537	5.8201	4.5617
Ru-95	3.2214	2.7699	3.6211	4.3416	3.0186	2.1802	7.9957	5.7249
Ru-97	2.3274	1.7991	2.9826	2.5842	2.1766	1.6194	4.4539	3.0208
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.3594	1.1688	1.4598	1.7410	1.3580	1.0251	4.2502	2.6036
S-38	1.2945	1.0772	1.4564	1.5931	1.2799	0.9303	4.8586	2.2207
Sb-111	2.5830	1.9576	2.9295	2.9844	2.4446	1.6612	7.2775	4.0545
Sb-113	2.1108	1.7542	2.3517	2.5783	2.0110	1.4059	4.8270	3.5478
Sb-114	2.6723	2.0694	2.8963	3.6887	2.6208	1.7620	7.8097	5.8494
Sb-115	2.1938	1.7745	2.3345	2.5864	2.0706	1.4701	4.7061	3.5630
Sb-116	2.3977	1.8307	2.5146	3.2517	2.3381	1.5980	6.9708	5.1887
Sb-116m	6.7760	5.1217	7.6924	9.1031	6.5209	4.3987	18.6308	13.9089
Sb-117	2.1273	1.5600	2.1436	2.2183	1.9460	1.4072	5.6578	2.4654
Sb-118	0.2365	0.1798	0.1977	0.2976	0.2147	0.1683	0.4572	0.3861
Sb-118m	6.4940	4.8561	6.6187	8.1538	6.2585	4.6447	15.4729	11.8427
Sb-119	0.7769	0.5891	0.5685	0.9437	0.6703	0.5721	1.1406	1.0627
Sb-120	0.4019	0.3055	0.3024	0.4899	0.3554	0.2939	0.6483	0.5772
Sb-120m	6.6847	5.1052	8.3645	8.5577	6.5317	4.4472	17.2968	12.6931
Sb-122m	1.4005	1.2064	1.5474	1.6437	1.3368	1.1786	1.8872	1.5066
Sb-122	1.3333	1.0950	1.4924	1.5721	1.2637	0.9181	3.2061	2.0227
Sb-124	3.1428	2.5708	3.4355	3.8376	3.0132	2.2181	8.2926	4.8648
Sb-124m	1.3242	1.0881	1.4876	1.5690	1.2440	0.9151	3.2099	2.0013
Sb-124n	0.0322	0.0273	0.0364	0.0394	0.0182	0.0184	0.0410	0.0679
Sb-125	1.9653	1.5424	2.1474	2.4376	1.8601	1.3028	4.6965	3.1967
Sb-126	7.3596	5.8237	8.5404	9.9786	7.0552	5.0490	21.0025	14.2492
Sb-126m	4.4688	3.4801	5.2322	5.9723	4.2760	3.0087	12.8014	8.6030
Sb-127	2.0698	1.6441	2.3866	2.7387	1.9879	1.4358	5.4990	3.8232
Sb-128	7.9850	6.7027	9.3224	11.2212	7.6855	5.5332	22.4123	15.5740
Sb-128m	5.0887	4.4465	6.0843	7.6356	4.9259	3.5138	14.7667	10.6286
Sb-129	2.7338	2.1779	3.1161	3.8960	2.6737	1.8692	8.1639	6.1301
Sb-130m	5.7710	4.5224	6.8460	8.5461	5.6692	3.9005	17.9696	13.8305
Sb-130	8.3146	6.8053	10.0581	11.9061	8.1191	5.5886	24.5976	17.8438
Sb-131	3.4181	2.7250	3.8005	4.6121	3.3366	2.3409	10.1885	7.1911
Sb-133	3.5605	2.8062	3.9215	4.8424	3.5081	2.4078	10.8158	7.7284
Sc-42m	5.0060	3.8198	5.5607	6.6026	4.9150	3.2328	13.9771	10.3079
Sc-43	0.4020	0.3221	0.5090	0.5601	0.3868	0.2439	1.2000	0.8575
Sc-44	1.6950	1.2752	1.8391	2.3345	1.6764	1.0932	5.1785	4.1338
Sc-44m	1.5980	1.2863	1.8197	1.8702	1.5398	1.2438	3.2318	1.9248
Sc-46	3.3509	2.5789	3.7159	4.8734	3.3141	2.2293	10.5122	8.6146
Sc-47	1.1227	0.8080	1.3002	1.0757	1.0497	0.6992	3.6152	1.1858
Sc-48	5.1855	3.9549	5.6166	7.0336	5.1315	3.4008	15.7186	12.5291

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sc-49	0.0009	0.0008	0.0010	0.0011	0.0009	0.0007	0.0027	0.0014
Sc-50	4.8365	3.8553	5.1731	6.0903	4.7348	3.2533	12.5512	9.1307
Se-70	2.2380	1.7660	2.6885	2.7157	1.9113	1.4183	4.7460	3.9166
Se-71	1.7046	1.2831	1.9677	2.0952	1.6287	1.0833	5.3026	3.1522
Se-72	1.0776	0.8972	1.1722	1.2495	0.8171	0.7005	1.4064	1.6384
Se-73	2.6357	2.3074	3.4255	3.4470	2.5074	1.8714	6.2099	4.4597
Se-73m	0.3329	0.2735	0.4031	0.4110	0.2858	0.2304	0.6832	0.5483
Se-75	3.3881	2.6159	4.1029	3.8704	3.0607	2.2704	7.8686	4.7717
Se-77m	1.0571	0.7894	1.2491	1.0577	0.9316	0.6531	3.0140	1.2651
Se-79m	0.4383	0.3648	0.5998	0.5949	0.3029	0.2649	0.6861	0.7024
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0330	0.0280	0.0385	0.0420	0.0318	0.0241	0.0772	0.0496
Se-81m	0.4948	0.3981	0.7166	0.7006	0.3541	0.2871	0.8619	0.7995
Se-83m	1.6741	1.3456	1.8855	2.2437	1.6386	1.1243	5.1041	3.6210
Se-83	5.6560	4.5648	6.7039	7.4766	5.5139	3.7894	15.9216	11.0182
Se-84	1.8062	1.2766	2.2672	2.4651	1.7536	1.0712	5.6264	4.1723
Si-31	0.0012	0.0009	0.0013	0.0016	0.0011	0.0007	0.0035	0.0027
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.6700	2.2712	3.0623	3.3923	2.5666	1.8898	6.2471	4.1128
Sm-140	1.5785	1.2735	1.7250	1.9144	1.5063	1.0753	3.2154	2.2952
Sm-141	2.3896	1.8171	2.7526	3.1530	2.3134	1.5178	6.5279	4.8223
Sm-141m	4.7483	3.6988	5.8722	5.9451	4.6449	3.1205	12.3657	8.7579
Sm-142	0.6675	0.5664	0.6000	0.7920	0.6199	0.4685	0.7630	0.7248
Sm-143	0.4580	0.3840	0.4223	0.5516	0.4291	0.3197	0.6320	0.5658
Sm-143m	1.5542	1.2481	1.8100	2.4210	1.5077	1.0935	4.7224	3.6382
Sm-145	1.3780	1.1776	1.2986	1.6255	1.2903	0.9961	1.5596	1.4535
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0010	0.0008	0.0011	0.0013	0.0006	0.0006	0.0013	0.0019
Sm-153	1.0665	0.8327	1.4821	1.4834	0.9934	0.7051	1.8455	1.2666
Sm-155	1.3165	0.9361	2.3120	2.1161	1.2299	0.7714	3.0987	1.7552
Sm-156	1.2543	0.9868	1.7533	1.4446	1.1924	0.8635	2.6638	1.5342
Sm-157	2.2585	1.7225	3.1971	2.4868	2.2342	1.4353	5.5774	3.5502
Sn-106	3.8812	2.9390	4.3516	5.0002	3.6998	2.6579	9.6246	6.9989
Sn-108	3.7961	2.8452	4.3811	4.8495	3.5847	2.5782	9.4041	6.2710
Sn-109	3.4316	2.7069	3.5670	4.5075	3.3058	2.3431	9.3187	6.7150
Sn-110	2.3172	1.9416	2.4325	2.8523	2.1694	1.7371	4.4825	2.9365
Sn-111	0.6572	0.5011	0.5557	0.8367	0.5935	0.4758	1.2992	1.0305
Sn-113	0.6513	0.4847	0.4797	0.8037	0.5654	0.4884	0.9414	0.8513
Sn-113m	0.4411	0.3367	0.3252	0.5328	0.3834	0.3260	0.6503	0.5981
Sn-117m	2.0303	1.4846	2.0881	2.0875	1.8595	1.3304	5.5606	2.3088
Sn-119m	0.5182	0.3920	0.3854	0.6299	0.4394	0.3803	0.7568	0.7230

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1639	0.1311	0.1296	0.2039	0.1415	0.1148	0.2240	0.2252
Sn-123	0.0108	0.0082	0.0116	0.0147	0.0107	0.0071	0.0331	0.0269
Sn-123m	1.5040	1.0895	1.7199	1.4686	1.4052	0.9451	4.6506	1.6278
Sn-125m	1.7334	1.6941	2.1794	2.4255	1.6688	1.1193	4.5811	2.9346
Sn-125	0.5520	0.4339	0.6175	0.7805	0.5444	0.3686	1.7190	1.3357
Sn-126	0.9914	0.8244	1.3108	1.3209	0.9273	0.7683	1.5917	1.0709
Sn-127m	1.7061	1.3843	1.9497	2.0319	1.6420	1.1118	4.0247	2.9527
Sn-127	3.4897	2.7248	3.9627	4.6967	3.4172	2.3407	10.2030	7.5250
Sn-128	3.4924	2.8194	3.5724	4.2204	3.2851	2.4626	7.0275	5.1446
Sn-129	2.2062	1.7824	2.4547	2.7940	2.1032	1.5536	5.9603	3.6806
Sn-130	4.0450	3.1855	5.1468	5.1017	3.9553	2.8244	10.1691	7.0020
Sn-130m	2.4284	1.9343	2.7375	3.1887	2.3320	1.6777	6.3908	4.3347
Sr-79	1.5061	1.2177	1.9748	1.9381	1.3831	0.9683	3.3567	2.0682
Sr-80	1.5574	1.2894	1.8151	1.7778	1.3752	1.0529	3.4560	2.1673
Sr-81	2.4341	1.8341	2.9355	2.7061	2.2990	1.5389	7.0061	3.6686
Sr-82	0.4011	0.3702	0.4514	0.4397	0.2645	0.2672	0.4779	0.4546
Sr-83	1.8340	1.5084	2.1473	2.4891	1.6153	1.2157	4.6043	3.5835
Sr-85	2.0671	1.7478	2.3474	2.3712	1.8555	1.3713	4.2535	3.1390
Sr-85m	1.7876	1.2985	2.2699	1.8328	1.7212	1.3088	3.7928	2.0899
Sr-87m	1.5286	1.1356	1.9270	2.0995	1.4605	0.9149	4.6392	3.4192
Sr-89	0.0002	0.0001	0.0002	0.0002	0.0002	0.0001	0.0005	0.0004
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.3814	1.0892	1.5378	1.9227	1.3473	0.9489	4.1031	3.1118
Sr-92	1.6861	1.2916	1.7998	2.2400	1.6659	1.1173	4.6681	3.4444
Sr-93	4.4683	3.5653	5.0536	5.7705	4.3009	3.0684	12.5371	8.3269
Sr-94	1.6783	1.3135	1.7610	2.2145	1.6568	1.1311	4.5270	3.2348
Ta-170	1.5954	1.2504	2.2291	2.1422	1.4942	1.1090	3.5019	2.6383
Ta-172	3.8874	3.0695	4.9836	4.8859	3.7385	2.7068	9.1455	6.7328
Ta-173	2.5610	2.1090	3.2494	2.9947	2.3797	1.9073	5.0183	3.5949
Ta-174	2.8818	2.2933	3.9875	3.3402	2.7583	2.0268	6.1404	4.3140
Ta-175	3.8593	3.1486	4.8217	4.6422	3.6872	2.7997	8.3882	5.9217
Ta-176	3.9325	3.1840	4.6363	4.9137	3.7713	2.8032	9.4983	6.7455
Ta-177	1.0875	0.9144	1.4582	1.2664	1.0039	0.8475	1.6592	1.3463
Ta-178	1.1321	0.9579	1.5042	1.3422	1.0411	0.8888	1.6953	1.4310
Ta-178m	7.9813	6.7211	10.8937	10.1630	7.6496	5.4684	18.1780	12.3096
Ta-179	0.5383	0.4616	0.6906	0.6160	0.4717	0.4200	0.7236	0.7026
Ta-180	0.9035	0.7686	1.2157	1.0632	0.8267	0.7158	1.2798	1.0947
Ta-182	3.3796	2.6705	4.2662	4.3436	3.2600	2.4021	8.1802	6.0118
Ta-182m	3.3043	2.6363	4.2900	3.5122	3.0196	2.2602	7.5012	4.2543
Ta-183	3.1257	2.5379	4.1017	3.6949	2.8753	2.3030	6.0296	4.0275
Ta-184	6.1534	4.7782	7.6113	8.0434	5.8832	4.1931	15.8111	11.4520
Ta-185	1.7342	1.3784	2.3093	1.8635	1.5920	1.2143	3.7837	2.2429

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ta-186	5.8165	4.6157	7.5715	7.0003	5.6182	3.9029	14.6376	9.5650
Tb-146	3.4592	2.7610	3.5866	4.3957	3.4043	2.3745	8.8516	6.3718
Tb-147m	2.1667	1.7182	2.2526	2.7407	2.1076	1.4800	5.3057	3.7860
Tb-147	4.0232	3.1269	4.4583	5.1261	3.8759	2.6673	10.8904	7.6379
Tb-148m	7.6057	5.9311	8.8522	10.7133	7.3402	5.1153	22.0688	16.2653
Tb-148	3.1839	2.5579	3.5986	4.5263	3.0934	2.2083	9.1679	6.7785
Tb-149m	3.0673	2.4615	3.4957	4.4668	2.9500	2.1520	8.4195	6.4169
Tb-149	3.6530	2.9175	4.2189	4.7146	3.5084	2.4315	9.7880	6.6014
Tb-150m	7.7478	6.2715	8.8451	9.7250	7.3622	5.2997	19.7194	12.8712
Tb-150	3.6742	2.9968	3.9978	4.5227	3.5132	2.5874	9.3516	5.8637
Tb-151	4.7423	3.7342	5.6134	5.8311	4.5088	3.2575	10.5705	7.0842
Tb-151m	0.7176	0.5776	0.8113	0.8849	0.5941	0.4662	1.2963	1.2609
Tb-152m	4.2248	3.4674	4.8799	5.1267	4.0092	2.9286	9.3649	6.2457
Tb-152	3.2950	2.7906	3.7768	4.3066	3.1678	2.2265	8.3445	5.7267
Tb-153	2.5928	2.0475	3.2232	3.0409	2.4584	1.7679	5.1265	3.5198
Tb-154	3.6331	2.8847	4.0373	4.5353	3.4926	2.4670	9.8300	6.3657
Tb-155	2.3959	1.9027	3.0968	2.9662	2.2424	1.6505	4.4522	2.8157
Tb-156	5.6089	4.4552	6.6645	6.8850	5.4092	3.7456	13.3234	9.5618
Tb-156m	0.6733	0.5252	0.7632	0.7236	0.6465	0.4839	0.9922	0.7522
Tb-156n	0.1617	0.1349	0.1855	0.1953	0.1166	0.1029	0.2157	0.2718
Tb-157	0.1797	0.1497	0.1898	0.2100	0.1369	0.1166	0.2264	0.2807
Tb-158	2.5574	2.0402	2.8856	3.3198	2.4452	1.7688	6.0417	4.8502
Tb-160	2.7247	2.2070	3.2184	3.7174	2.6508	1.8551	7.3573	5.6365
Tb-161	0.8112	0.6649	0.8496	0.9202	0.7195	0.6021	1.1265	1.0098
Tb-162	3.6645	2.8394	4.2748	4.8228	3.5584	2.7031	9.1842	6.6325
Tb-163	3.3453	2.7258	4.0472	4.3125	3.2144	2.1652	8.8209	6.1142
Tb-164	6.1011	4.8461	7.2004	7.7924	5.8798	4.1961	16.4707	10.8378
Tb-165	1.3766	1.0714	1.5398	1.7650	1.3321	0.9058	3.6987	2.7022
Tc-101	1.8021	1.7511	2.2192	2.3887	1.7293	1.2277	4.3532	2.6223
Tc-102m	4.2877	3.4190	4.8098	5.3419	4.1522	2.8845	11.8750	7.8066
Tc-102	0.2020	0.1599	0.2325	0.2547	0.1951	0.1324	0.5385	0.3868
Tc-104	4.0507	3.3716	4.7361	5.3616	3.9396	2.6830	11.6329	7.6698
Tc-105	2.9025	2.3182	3.5245	3.6134	2.7594	1.9436	7.5520	4.4363
Tc-91	1.4636	1.1933	1.5744	1.8841	1.4355	1.0270	4.3288	2.6824
Tc-91m	1.1484	0.9394	1.2880	1.3748	1.1021	0.7612	2.6911	1.9777
Tc-92	6.3779	5.2785	7.3822	8.4751	6.1483	4.3174	17.5499	11.2509
Tc-93	2.1721	1.7258	2.2012	2.7742	2.0228	1.4899	4.8878	3.8184
Tc-93m	1.7149	1.3061	2.0029	2.2813	1.6271	1.1056	4.9906	3.5054
Tc-94	5.7458	4.5948	6.4848	8.5217	5.4900	4.0114	16.5829	13.2215
Tc-94m	2.0818	1.6560	2.3228	3.0962	2.0146	1.4419	6.2697	5.0526
Tc-95	2.2503	1.8262	2.4947	3.3347	2.0637	1.5990	5.7471	4.8223
Tc-95m	2.9576	2.3365	3.7467	3.5684	2.7797	2.0107	6.7876	4.9541
Tc-96	5.5642	4.4503	6.3857	8.7705	5.3359	3.8726	16.6098	13.8853

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-96m	0.3817	0.3048	0.3469	0.5027	0.3086	0.2782	0.5029	0.5374
Tc-97	0.5699	0.4849	0.5218	0.6577	0.4281	0.4238	0.4715	0.6510
Tc-97m	0.4348	0.3471	0.3708	0.5573	0.3347	0.3231	0.3848	0.4983
Tc-98	3.4035	2.7581	3.8930	4.7326	3.2519	2.4209	9.7070	6.4687
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.4516	1.0480	1.7476	1.4499	1.3453	0.8559	4.3826	1.8630
Te-113	1.8268	1.4337	2.0079	2.5151	1.7905	1.2435	5.5638	3.9646
Te-114	2.9496	2.3409	3.1366	3.8059	2.8026	2.0637	6.9671	4.9396
Te-115	2.8326	2.2075	3.0976	3.7389	2.7520	1.9376	7.6362	5.4955
Te-115m	3.1907	2.5280	3.4512	4.3909	3.1034	2.1893	9.1865	6.6174
Te-116	1.5564	1.2110	1.7169	2.1300	1.4195	1.0834	2.6912	2.0167
Te-117	2.3628	1.8931	2.4729	3.2152	2.2620	1.6657	6.4107	4.4978
Te-118	0.6148	0.4829	0.4548	0.7658	0.5476	0.4412	0.8692	0.8112
Te-119	2.3664	1.9132	2.4026	2.9305	2.2019	1.6959	5.4891	3.4440
Te-119m	4.0753	3.0845	4.3258	4.9870	3.8933	2.7199	11.1112	7.0584
Te-121	2.3633	1.9225	2.4146	2.8038	2.2047	1.6415	4.9994	3.4198
Te-121m	1.9393	1.4594	2.5535	2.0796	1.8915	1.3054	4.0485	2.6586
Te-123	0.0289	0.0245	0.0324	0.0355	0.0167	0.0167	0.0370	0.0603
Te-123m	1.8085	1.3408	1.9223	1.8726	1.6721	1.1561	5.0276	2.0149
Te-125m	1.0487	0.8537	0.8046	1.3514	0.9508	0.7271	1.3912	1.3419
Te-127	0.0227	0.0168	0.0285	0.0300	0.0221	0.0139	0.0656	0.0479
Te-127m	0.3375	0.2748	0.2656	0.4332	0.3010	0.2336	0.4501	0.4451
Te-129	0.3702	0.2941	0.3763	0.4658	0.3382	0.2455	0.7488	0.6202
Te-129m	0.3142	0.2547	0.2706	0.4127	0.2855	0.2183	0.5293	0.4574
Te-131	2.0240	1.5175	2.3179	2.2642	1.9170	1.2682	5.8969	3.0692
Te-131m	3.5449	2.8055	4.2368	5.1128	3.4532	2.4108	10.1671	7.5422
Te-132	2.3585	1.7768	2.7827	2.6259	2.2847	1.6896	4.3462	2.8581
Te-133	2.8701	2.4870	3.4139	3.9624	2.7890	1.8972	8.1348	5.5667
Te-133m	4.1211	3.2970	4.7081	5.6461	4.0078	2.8138	11.6855	8.4788
Te-134	3.6037	2.8758	4.4353	4.4936	3.5041	2.4969	8.9372	5.9922
Th-223	1.2129	0.9939	1.7929	1.6138	1.0521	0.8285	2.3035	1.4549
Th-224	0.2311	0.1766	0.3138	0.2476	0.2146	0.1478	0.5844	0.3026
Th-226	0.1584	0.1276	0.2156	0.1956	0.1288	0.1022	0.2846	0.2144
Th-227	1.5120	1.2709	1.8517	1.7609	1.2900	1.0770	2.5519	1.9408
Th-228	0.1180	0.1048	0.1374	0.1304	0.0852	0.0812	0.1473	0.1568
Th-229	1.8542	1.5528	2.5709	2.3169	1.5265	1.2580	3.1193	2.3554
Th-230	1.0849	1.1073	1.0717	1.0985	1.0745	1.1077	1.0527	1.0161
Th-231	0.9798	0.8489	1.0730	1.1385	0.7236	0.6848	1.2001	1.2909
Th-232	1.2714	1.2981	1.2973	1.2902	1.2549	1.2738	1.3598	1.2354
Th-233	0.3406	0.2817	0.4215	0.4304	0.2798	0.2256	0.6192	0.5205
Th-234	0.2260	0.1938	0.3188	0.2921	0.1896	0.1664	0.3304	0.2708
Th-235	0.1758	0.1372	0.2199	0.2451	0.1670	0.1162	0.4861	0.3443
Th-236	0.2812	0.2227	0.3963	0.3731	0.2471	0.1777	0.6195	0.4116

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-44	2.0011	1.9285	2.6805	2.1051	2.0162	1.9434	2.5352	1.3865
Ti-45	0.0150	0.0124	0.0169	0.0192	0.0107	0.0092	0.0277	0.0312
Ti-51	1.7439	1.7727	2.1845	2.4519	1.6791	1.1463	4.5106	2.8462
Ti-52	1.6927	1.2467	2.1945	1.8033	1.5336	0.9566	4.5936	2.5239
Ti-190	2.4607	1.9074	3.0136	3.1734	2.3577	1.6532	6.5484	4.7326
Ti-190m	6.4318	5.1759	7.6749	8.3475	6.1508	4.4529	16.9729	11.6203
Ti-194	2.5161	2.0266	3.1000	3.1279	2.3888	1.7786	6.0726	4.3118
Ti-194m	8.1237	6.5606	9.8792	10.4994	7.7077	5.7307	20.4777	13.9279
Ti-195	3.1612	2.6910	3.7703	3.8744	2.9416	2.3825	6.8847	4.9306
Ti-196	4.0790	3.3055	4.8840	5.1247	3.9130	2.8835	10.4227	7.0896
Ti-197	2.3016	1.9905	2.8853	2.7253	2.1552	1.7907	4.5640	3.1596
Ti-198	4.4508	3.5741	5.3420	5.6552	4.2767	3.1378	11.6299	7.9951
Ti-198m	5.2815	4.3458	6.3483	6.3703	4.9427	3.8051	12.0629	7.9461
Ti-199	2.1915	1.8877	2.8407	2.4666	2.0522	1.7412	3.9100	2.6788
Ti-200	4.1093	3.4344	5.0302	5.3858	3.9347	2.8893	10.2590	7.4432
Ti-201	1.5446	1.3938	2.0131	1.6918	1.3968	1.2820	2.3629	1.6132
Ti-202	2.6672	2.1872	3.3595	3.2638	2.5243	1.9174	5.9347	4.4091
Ti-204	0.0236	0.0219	0.0308	0.0263	0.0210	0.0202	0.0304	0.0245
Ti-206m	8.5468	6.6850	10.2570	10.4014	8.2585	6.0208	20.9878	14.4212
Ti-206	0.0012	0.0011	0.0016	0.0014	0.0011	0.0010	0.0018	0.0013
Ti-207	0.0045	0.0035	0.0051	0.0068	0.0044	0.0031	0.0141	0.0117
Ti-208	3.8377	3.1767	4.2893	4.5966	3.7128	2.7251	10.9671	6.1324
Ti-209	4.7939	3.7493	5.8610	5.9681	4.6114	3.1077	11.9444	7.7307
Ti-210	5.2873	4.4139	6.2134	7.5744	5.1159	3.6613	15.1938	10.9208
Tm-161	4.5677	3.6304	5.4504	5.2874	4.3148	3.1971	9.3250	6.2161
Tm-162	2.7842	2.1864	3.3618	3.6796	2.6693	1.9082	7.1219	4.9636
Tm-163	4.1381	3.2726	4.9571	5.1205	3.9476	2.8972	8.8567	6.3802
Tm-164	1.0495	0.8384	1.2506	1.2873	0.9865	0.7380	2.1473	1.5934
Tm-165	3.3390	2.6585	3.9436	3.9474	3.1714	2.4066	6.6883	4.7636
Tm-166	4.2222	3.3639	4.9552	5.3651	4.0454	2.9394	10.9247	7.4900
Tm-167	1.8562	1.4513	2.4363	1.9763	1.7474	1.2803	3.3249	2.4459
Tm-168	4.8790	3.8309	6.2738	6.2364	4.7019	3.3018	12.2817	8.9071
Tm-170	0.0807	0.0689	0.1057	0.0960	0.0705	0.0610	0.1172	0.1000
Tm-171	0.0122	0.0103	0.0153	0.0137	0.0111	0.0095	0.0169	0.0150
Tm-172	0.8471	0.6841	0.9457	1.0451	0.8059	0.5934	1.9716	1.4738
Tm-173	1.7944	1.2684	2.2656	2.4451	1.7370	1.0777	5.4904	4.0962
Tm-174	6.8685	5.4833	8.2614	8.4832	6.6205	4.6579	17.8498	12.0467
Tm-175	2.9564	2.3871	3.4072	3.8039	2.8489	1.9790	7.6409	5.7252
Tm-176	4.7058	3.7163	5.7867	5.8433	4.5640	3.1538	12.5110	8.6099
U-227	1.3828	1.0876	1.9117	1.7635	1.2277	0.9759	2.5755	1.6632
U-228	0.1445	0.1234	0.1785	0.1715	0.1096	0.0986	0.1984	0.1870
U-230	0.1365	0.1218	0.1483	0.1483	0.0958	0.0948	0.1512	0.1799
U-231	2.1088	1.7351	2.9024	2.8285	1.6843	1.3982	3.3508	2.7435

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-232	0.1231	0.1101	0.1320	0.1344	0.0838	0.0840	0.1295	0.1668
U-233	0.0640	0.0570	0.0693	0.0711	0.0434	0.0431	0.0703	0.0884
U-234	0.9002	0.9077	0.8948	0.8990	0.8947	0.9125	0.8353	0.7651
U-235	1.5460	1.5538	1.5397	1.5405	1.5238	1.5327	1.4894	1.4741
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1005	0.0901	0.1074	0.1099	0.0679	0.0683	0.1044	0.1367
U-237	2.2172	1.7555	3.2762	2.9081	1.9543	1.4864	4.1075	2.9055
U-238	1.1564	1.1892	1.1403	1.1725	1.1452	1.1795	1.0995	1.0468
U-239	0.7202	0.6744	0.8947	0.7764	0.6825	0.6470	0.9222	0.6074
U-240	0.3612	0.3061	0.4081	0.4348	0.2618	0.2417	0.4519	0.4954
U-242	0.2945	0.2554	0.3812	0.3395	0.2824	0.2329	0.5454	0.3364
V-47	0.0130	0.0103	0.0144	0.0153	0.0116	0.0088	0.0335	0.0211
V-48	3.5305	2.6997	3.8150	4.8456	3.4780	2.3162	10.6313	8.4920
V-49	0.0794	0.0673	0.0900	0.0972	0.0448	0.0455	0.1011	0.1677
V-50	1.6483	1.3363	1.7007	2.1612	1.6018	1.1466	4.0811	2.9196
V-52	1.6181	1.2641	1.6775	2.1145	1.6016	1.0872	4.2985	3.0800
V-53	1.7374	1.3356	1.8623	2.3388	1.7202	1.1506	5.2971	4.3503
W-177	5.0568	4.0466	6.6581	6.2397	4.7455	3.5277	11.3649	8.0035
W-178	0.3965	0.3434	0.5042	0.4608	0.3246	0.2995	0.5223	0.5709
W-179	1.1864	1.0319	1.4683	1.3979	1.0501	0.9220	1.5511	1.5189
W-179m	0.8492	0.7257	1.1460	0.9527	0.7811	0.6861	1.2585	1.0370
W-181	0.7872	0.6863	1.0378	0.8984	0.7120	0.6429	1.0493	0.9601
W-185m	0.7056	0.5888	0.8714	0.8166	0.5223	0.4597	1.1610	1.1836
W-185	0.0008	0.0007	0.0011	0.0009	0.0007	0.0006	0.0015	0.0010
W-187	1.7220	1.4254	2.0848	2.1032	1.6399	1.2536	4.0306	2.6792
W-188	0.0152	0.0130	0.0194	0.0178	0.0144	0.0115	0.0295	0.0193
W-190	2.1483	1.7859	2.7659	2.3079	1.9875	1.6573	4.3696	2.3924
Xe-120	2.5333	2.0550	2.6271	3.2234	2.3888	1.7568	5.1328	3.7505
Xe-121	2.1822	1.7447	2.4008	2.7387	2.0993	1.4974	5.4020	3.4590
Xe-122	0.9254	0.7709	0.8485	1.2142	0.8641	0.6153	1.5751	1.2717
Xe-123	2.1515	1.6857	2.3176	2.5065	2.0334	1.3790	5.4519	3.0159
Xe-125	2.5723	1.9794	2.9769	2.9223	2.4777	1.7546	5.1387	3.3359
Xe-127	2.7533	2.1229	3.5386	3.0805	2.6778	1.7500	6.2628	3.9106
Xe-127m	2.1260	1.5950	2.5730	2.3241	2.0030	1.2599	5.4893	2.8760
Xe-129m	1.2280	1.0397	1.0392	1.6153	1.1519	0.8124	1.5698	1.4971
Xe-131m	0.5134	0.4342	0.4225	0.6791	0.4757	0.3377	0.6784	0.6299
Xe-133	0.8533	0.7778	0.9226	1.0578	0.8304	0.6724	1.0821	0.7790
Xe-133m	0.6619	0.5409	0.6105	0.8363	0.6245	0.4550	0.9360	0.7987
Xe-135	1.7154	1.2182	1.8786	1.8365	1.6572	1.4101	3.0785	1.7603
Xe-135m	1.5004	1.2423	1.6619	1.7637	1.4293	1.0029	3.3205	2.3293
Xe-137	0.6057	0.4661	0.7196	0.7706	0.5856	0.3816	1.6433	1.2062
Xe-138	2.1108	1.6261	2.4039	2.5644	2.0340	1.4899	5.8091	3.4617
Y-81	1.8172	1.4332	2.3899	2.0621	1.6518	1.1767	4.3022	2.5619

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Y-83	1.2475	1.0422	1.3614	1.5782	1.1205	0.8477	2.6960	2.1599
Y-83m	1.5926	1.2215	1.8152	1.8256	1.4915	1.1852	3.2483	2.1879
Y-84m	5.4594	4.2876	6.1232	7.9071	5.3516	3.7098	16.7153	13.1955
Y-85	1.3815	1.1497	1.5691	1.6346	1.2844	0.9168	3.0747	2.3535
Y-85m	1.4209	1.1389	1.6438	1.7221	1.3321	1.0006	3.5803	2.3786
Y-86	5.6531	4.5125	6.3327	7.4548	5.4193	3.8389	16.2868	11.5270
Y-86m	1.7212	1.2799	2.6322	1.7224	1.7169	1.1157	4.0143	2.4165
Y-87	2.0360	1.7012	2.3381	2.3510	1.8235	1.3362	4.2366	3.3075
Y-87m	1.4813	1.1527	1.8594	2.0216	1.4083	0.9013	4.3348	3.1702
Y-88	3.5470	2.9170	3.9256	4.7185	3.3608	2.4728	10.5106	7.1917
Y-89m	1.6645	1.3006	1.8711	2.5005	1.6439	1.1293	5.2911	4.4037
Y-90	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001
Y-90m	3.3417	2.5831	4.6480	3.6404	3.2829	2.1143	8.0702	5.3819
Y-91	0.0043	0.0032	0.0047	0.0060	0.0043	0.0028	0.0132	0.0104
Y-91m	1.6714	1.3812	1.8819	1.9390	1.5798	1.1432	3.9107	2.5067
Y-92	0.4458	0.3485	0.4955	0.6192	0.4379	0.2985	1.3199	1.0353
Y-93	0.2254	0.1786	0.2522	0.2753	0.2190	0.1694	0.5526	0.3436
Y-94	1.3085	1.0257	1.4613	1.8762	1.2894	0.8839	4.0565	3.2142
Y-95	0.9560	0.7695	1.0447	1.2479	0.9463	0.6647	3.0868	1.9570
Yb-162	2.4714	1.8929	3.1030	2.7475	2.2922	1.6238	5.7392	3.2252
Yb-163	1.7758	1.4350	2.1055	2.1814	1.6531	1.2510	3.8002	2.9223
Yb-164	0.8753	0.7063	1.0426	0.9732	0.8063	0.6403	1.3066	1.0906
Yb-165	2.4154	2.0164	2.9171	2.7473	2.1950	1.8044	3.8722	3.1710
Yb-166	1.6293	1.3371	1.9807	1.8094	1.5077	1.2256	2.3373	1.9037
Yb-167	3.8641	2.9713	5.2983	4.6799	3.5411	2.5516	7.7106	5.1259
Yb-169	4.4009	3.5308	5.9096	4.9169	4.1658	3.1191	8.2813	5.5587
Yb-175	0.2443	0.1861	0.3149	0.3169	0.2336	0.1600	0.6333	0.4357
Yb-177	0.7932	0.5991	0.9397	0.8979	0.7518	0.5179	2.1943	1.2410
Yb-178	0.1926	0.1538	0.2425	0.2647	0.1843	0.1185	0.5536	0.4010
Yb-179	3.2215	2.6387	3.7118	3.8761	3.0474	2.2154	8.1004	4.9334
Zn-60	1.8166	1.5306	2.1629	2.3099	1.7390	1.3461	4.4267	2.7740
Zn-61	0.7448	0.5962	0.8297	0.9341	0.7255	0.5023	2.0770	1.3735
Zn-62	1.6398	1.3478	1.8055	1.9221	1.4484	1.1093	3.2843	2.5065
Zn-63	0.3056	0.2443	0.3392	0.4068	0.2879	0.2094	0.8523	0.6265
Zn-65	1.1235	0.8746	1.2282	1.4993	0.9977	0.7095	2.9617	2.6828
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
Zn-69m	1.6788	1.2504	2.0471	2.1832	1.6173	1.0277	4.7531	3.5352
Zn-71	0.9050	0.7244	1.0474	1.1302	0.8722	0.5914	2.3364	1.7049
Zn-71m	5.2139	4.1089	6.1480	6.5619	4.9968	3.3870	14.0959	9.5440
Zn-72	2.0148	1.5198	2.4908	2.1127	1.7474	1.2108	5.3014	2.7975
Zr-85	1.5778	1.2015	1.8784	2.0565	1.5189	1.0006	4.4210	3.2503
Zr-86	2.9532	2.3467	3.2969	3.0809	2.6056	2.2548	4.5742	3.2790
Zr-87	0.2129	0.1796	0.2318	0.2561	0.1830	0.1458	0.4516	0.3829

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zr-88	2.2493	1.7240	2.7531	2.9106	2.0420	1.3936	5.9555	4.6363
Zr-89	2.0844	1.6934	2.3217	2.9122	1.9426	1.4305	5.6971	4.8885
Zr-89m	1.6972	1.4005	1.8843	1.9780	1.5940	1.1875	4.0568	2.4255
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.6317	1.3109	1.9074	2.5052	1.5804	1.1502	5.0030	3.7352
Zr-97	1.9490	1.5653	2.2639	2.8997	1.8868	1.3619	5.8143	4.3264

Table 9: Composite 2 – 5 cm Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.1727	0.1567	0.3445	0.4119
Ac-224	2.4214	1.9789	3.3512	3.2908
Ac-225	0.2200	0.2180	0.4188	0.5212
Ac-226	1.1643	0.8543	1.6743	1.3678
Ac-227	0.0241	0.0340	0.0892	0.1400
Ac-228	2.0215	1.3619	3.5016	3.8320
Ac-230	0.8727	0.6082	1.6323	1.3765
Ac-231	2.8550	1.9682	4.3823	3.5253
Ac-232	1.4451	1.1445	2.4055	2.2851
Ac-233	1.5789	1.0133	3.2398	1.5164
Ag-100m	2.9400	2.3783	4.1312	3.9590
Ag-101	2.3036	1.7193	3.2934	2.8698
Ag-102m	1.7904	1.2860	3.1552	2.2244
Ag-102	4.4052	3.2264	7.2316	5.7271
Ag-103	2.2324	1.6942	3.1547	2.8037
Ag-104	5.2434	3.5858	8.7901	8.3916
Ag-104m	2.1594	1.5576	3.7912	2.3531
Ag-105	2.4789	1.6976	3.9420	3.2184
Ag-105m	0.0109	0.0126	0.0413	0.0638
Ag-106	0.4452	0.3164	0.8723	0.5734
Ag-106m	6.4482	4.1984	11.1655	9.3387
Ag-108	0.0519	0.0460	0.0654	0.0607
Ag-108m	4.8581	3.5915	7.0924	6.4673
Ag-109m	0.2317	0.2198	0.3245	0.4655
Ag-110	0.0770	0.0698	0.0884	0.0839
Ag-110m	5.1874	3.8233	7.5835	8.3784
Ag-111	0.1335	0.0753	0.2264	0.1563
Ag-111m	0.1256	0.1183	0.1941	0.2724
Ag-112	1.2002	1.0283	1.5932	1.2377
Ag-113m	0.9373	0.5803	1.5706	1.1427
Ag-113	0.2948	0.1882	0.4856	0.3273
Ag-114	0.5030	0.3633	0.8626	0.5045
Ag-115	1.0379	0.7052	1.6273	1.2335
Ag-116	2.8951	1.8670	5.4606	3.4562
Ag-117	1.9954	1.3171	3.3064	2.4189
Ag-99	2.9328	2.0586	4.4367	4.2269
Al-26	1.5074	1.1769	2.6019	1.9644
Al-28	1.4749	1.1978	2.4873	1.8433
Al-29	1.6037	0.9633	2.8078	1.9048
Am-237	2.6979	2.2247	3.8535	4.3690
Am-238	2.7428	2.1993	4.0948	5.2471
Am-239	2.7688	2.5374	3.7554	5.0641

Nuclide	avg400	ctr400	mid400	cnr400
Am-240	2.8666	2.1629	4.5499	6.4988
Am-241	1.0252	1.1239	1.0091	0.8832
Am-242	0.3063	0.3187	0.5013	0.7179
Am-242m	0.1339	0.1600	0.3297	0.4464
Am-243	0.8546	0.7554	0.9951	0.8236
Am-244	2.4261	1.8725	4.0488	4.8674
Am-244m	0.1003	0.1014	0.2038	0.2688
Am-245	0.3206	0.2945	0.3992	0.5135
Am-246	3.2960	2.6837	5.2176	5.2015
Am-246m	1.8282	1.1803	3.1230	3.8229
Am-247	1.2241	1.0478	1.6595	1.8243
Ar-37	0.0069	0.0114	0.0401	0.0722
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.5824	0.9841	2.7179	1.8077
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.9092	1.2355	3.2335	3.2195
Ar-44	2.7756	1.8645	4.6149	3.0833
As-68	3.7550	2.6123	5.9169	6.3092
As-69	0.5056	0.3615	0.7758	0.7045
As-70	4.8873	3.2980	7.9310	8.1971
As-71	1.7062	1.0236	3.1809	2.2786
As-72	1.5551	0.9713	2.6671	3.3640
As-73	0.3393	0.4710	1.5200	2.6201
As-74	1.2985	1.1720	1.8735	1.5170
As-76	1.0126	0.7429	1.6885	0.9709
As-77	0.0473	0.0341	0.0665	0.0489
As-78	2.2362	1.7358	3.2538	2.6819
As-79	0.1003	0.0535	0.1733	0.1612
At-204	6.4875	4.5492	10.5224	8.2593
At-205	2.8688	2.2640	4.1757	3.9785
At-206	6.6003	4.4401	10.5205	9.3732
At-207	4.6655	3.4765	7.1925	6.7736
At-208	7.5312	5.7555	10.7738	10.3938
At-209	6.6246	4.6308	10.8826	10.0712
At-210	5.6520	4.3040	8.4293	7.5042
At-211	0.4989	0.4633	0.6673	0.7072
At-215	0.0008	0.0004	0.0012	0.0012
At-216	0.0287	0.0252	0.0373	0.0368
At-217	0.0015	0.0012	0.0018	0.0017
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.3446	1.6629	3.2877	2.7062
Au-186	3.4246	2.1942	5.5819	4.2253

Nuclide	avg400	ctr400	mid400	cnr400
Au-187	2.4405	1.8455	3.8782	3.4893
Au-190	4.0796	2.8507	6.7127	4.9842
Au-191	3.1178	2.3182	4.6930	4.0171
Au-192	3.7246	2.5795	6.3345	4.5722
Au-193	1.7019	1.3754	2.4017	2.2046
Au-193m	1.4276	1.1910	1.9881	2.1151
Au-194	2.9068	2.0193	4.8110	3.5990
Au-195	1.2266	1.1286	1.8081	2.1648
Au-195m	1.4383	1.1852	2.0557	2.1156
Au-196	2.7186	1.6790	4.4735	3.5556
Au-196m	2.6411	2.0060	4.3685	3.7194
Au-198	1.6236	0.7875	2.5930	2.5771
Au-198m	4.9077	3.4335	7.4857	6.0959
Au-199	0.9726	0.6138	1.4988	0.8918
Au-200	0.5878	0.3276	0.9859	0.7942
Au-200m	7.4833	4.8466	12.2831	8.9924
Au-201	0.1411	0.1078	0.2622	0.2139
Au-202	0.3793	0.2077	0.6751	0.5707
Ba-124	1.6290	1.1954	2.2883	2.0981
Ba-126	2.1810	1.6278	3.0525	2.9209
Ba-127	0.8424	0.6818	1.1014	1.0180
Ba-128	0.7627	0.6838	0.8971	0.9874
Ba-129	0.8957	0.7543	1.1609	1.0929
Ba-129m	4.5495	3.0158	7.1903	6.1638
Ba-131	2.7000	1.9711	4.1841	3.0751
Ba-131m	1.0984	1.0365	1.1700	1.7362
Ba-133	2.8424	2.0198	4.0369	3.4728
Ba-133m	0.6889	0.6166	0.9350	1.0141
Ba-135m	0.6300	0.5638	0.7434	0.7852
Ba-137m	1.5269	1.3834	1.7458	1.6794
Ba-139	0.4079	0.2330	0.6098	0.2791
Ba-140	0.7917	0.5503	1.4736	1.0264
Ba-141	3.0304	1.8858	4.9995	3.3525
Ba-142	2.5792	1.6852	3.9215	3.9839
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1720	0.0889	0.3659	0.1836
Bi-197	3.3095	2.3793	5.2463	5.5808
Bi-200	7.2934	4.4947	11.9979	11.2889
Bi-201	3.3627	2.4392	5.3123	5.4657
Bi-202	6.7526	4.5658	10.3555	10.8257
Bi-203	4.2406	3.0904	6.7456	6.8639
Bi-204	6.6484	4.2776	10.6508	11.8740
Bi-205	3.1525	2.4782	4.8457	4.7427

Nuclide	avg400	ctr400	mid400	cnr400
Bi-206	7.7034	5.0972	13.0846	12.2796
Bi-207	3.8284	2.8275	6.0905	5.3426
Bi-208	1.9864	1.4184	3.5521	3.1171
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5038	1.0828	2.1792	1.6120
Bi-211	0.2400	0.1330	0.4114	0.3048
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2176	0.1787	0.3956	0.4767
Bi-213	0.5035	0.2719	0.8923	0.6901
Bi-214	2.1298	1.6304	3.2302	2.6787
Bi-215	1.0700	0.7437	1.6897	1.2730
Bi-216	2.4383	1.5585	4.3015	2.6301
Bk-245	2.5088	2.3217	3.0790	4.1190
Bk-246	2.6808	2.0904	4.2688	5.6245
Bk-247	1.3947	1.1980	1.6319	1.7992
Bk-248m	0.4946	0.4680	0.7236	0.8759
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.5946	0.9670	2.7335	3.7343
Bk-251	1.1737	1.0945	1.5926	1.8951
Br-72	3.0141	1.8409	5.2184	5.4462
Br-73	1.5367	1.0715	2.2813	2.2056
Br-74	3.3880	2.6088	5.1155	4.2841
Br-74m	4.3010	3.4764	6.0510	5.3719
Br-75	2.1145	1.4142	3.4217	2.5763
Br-76	3.0230	2.2090	5.3009	3.8706
Br-76m	0.6481	0.6367	1.2495	1.5363
Br-77	1.3669	1.0315	2.6299	2.2714
Br-77m	0.2851	0.3220	0.6014	0.9239
Br-78	0.2409	0.2258	0.3229	0.2733
Br-80	0.1468	0.1393	0.1996	0.1860
Br-80m	0.4714	0.5739	1.0815	1.4989
Br-82m	0.1115	0.1657	0.4473	0.6555
Br-82	5.3064	3.7491	8.4114	7.7742
Br-83	0.0214	0.0136	0.0432	0.0190
Br-84m	4.8226	2.9750	8.0324	7.8375
Br-84	1.7010	1.0572	2.9882	3.2040
Br-85	0.1139	0.0677	0.1939	0.2387
C-10	1.6078	1.2260	2.2490	2.5387
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0124	0.0204	0.0715	0.1289
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.3993	0.8595	2.4563	1.6897

Nuclide	avg400	ctr400	mid400	cnr400
Ca-49	1.4283	0.9150	2.7102	2.2251
Cd-101	2.8852	2.2058	4.3167	4.2411
Cd-102	2.4171	1.5586	4.3434	3.2983
Cd-103	2.2961	1.7106	3.7157	3.4508
Cd-104	1.5517	1.3515	1.9645	2.2045
Cd-105	1.5644	1.1612	2.5259	2.3834
Cd-107	0.6556	0.6223	0.9255	1.3452
Cd-109	0.6009	0.5731	0.8551	1.2333
Cd-111m	2.1768	1.6663	2.6330	2.3993
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0007	0.0006	0.0009	0.0010
Cd-115	0.6534	0.4082	1.3060	0.6145
Cd-115m	0.0538	0.0310	0.0940	0.1005
Cd-117	2.1439	1.4221	3.4329	2.8175
Cd-117m	2.5167	1.6077	4.3542	3.9912
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5499	1.7125	4.2585	3.3166
Cd-119m	2.9612	1.9199	4.9459	4.7455
Ce-130	2.5172	1.9984	3.3593	3.1157
Ce-131	3.2287	2.2481	4.8638	4.3737
Ce-132	2.4334	1.6003	3.6422	2.2616
Ce-133	1.8039	1.6560	2.0356	2.4639
Ce-133m	4.4604	3.1873	7.1388	5.6070
Ce-134	0.5495	0.5484	0.6189	0.7593
Ce-135	3.3136	2.5070	4.8624	3.9527
Ce-137	0.6049	0.6020	0.7948	1.0149
Ce-137m	0.6061	0.5697	0.7102	0.8376
Ce-139	1.8101	1.2370	2.5367	1.5840
Ce-141	0.8424	0.6187	1.0773	0.7020
Ce-143	1.6022	1.2257	2.3143	1.8927
Ce-144	0.2409	0.2139	0.2721	0.2494
Ce-145	2.6632	2.0306	3.8224	3.8901
Cf-244	0.0501	0.0586	0.1160	0.1531
Cf-246	0.0346	0.0404	0.0798	0.1053
Cf-247	1.4355	1.4278	2.0996	2.8220
Cf-248	0.0419	0.0486	0.0961	0.1265
Cf-249	1.6044	0.9145	2.5754	2.5829
Cf-250	0.0481	0.0479	0.0995	0.1185
Cf-251	1.4161	1.2184	1.9954	2.1981
Cf-252	0.7914	0.5424	1.3049	1.1249
Cf-253	0.1189	0.1355	0.2593	0.3628
Cf-254	27.9437	18.5946	45.3273	37.8234
Cf-255	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.6213	1.0325	2.7191	1.9969
Cl-36	0.0001	0.0002	0.0006	0.0010
Cl-38	1.0905	0.8247	1.9106	1.4447
Cl-39	2.2968	1.6984	3.3581	2.6274
Cl-40	2.9581	2.1738	4.9867	3.8543
Cm-238	1.1184	1.0780	1.3794	2.0508
Cm-239	2.7641	2.0916	3.9788	3.5861
Cm-240	0.0534	0.0647	0.1295	0.1695
Cm-241	2.9953	2.3161	5.1159	4.8148
Cm-242	0.0479	0.0581	0.1162	0.1521
Cm-243	1.3747	1.2246	1.9894	2.4726
Cm-244	0.0411	0.0499	0.0998	0.1306
Cm-245	1.4211	1.3137	1.8996	2.6039
Cm-246	0.0388	0.0437	0.0893	0.1122
Cm-247	1.3547	0.6809	2.0562	2.2056
Cm-248	2.2090	1.4868	3.6078	3.0465
Cm-249	0.0833	0.0873	0.2023	0.2804
Cm-250	22.0423	14.6709	35.7661	29.8378
Cm-251	0.4411	0.3220	0.7481	0.5704
Co-54m	4.7660	2.8501	7.8295	7.1166
Co-55	2.0963	1.2493	3.7266	3.9857
Co-56	3.9805	2.4288	7.1468	7.4246
Co-57	1.4680	1.4299	1.9623	2.4698
Co-58	1.6194	0.9725	2.9849	3.9820
Co-58m	0.0499	0.0821	0.2867	0.5166
Co-60	3.2039	1.9863	5.4618	4.3301
Co-60m	0.0765	0.1059	0.3395	0.5847
Co-61	0.8890	0.7150	0.9668	0.8002
Co-62	1.8393	1.0718	3.2311	2.9140
Co-62m	3.2639	1.9249	5.7122	5.1599
Cr-48	2.9850	2.1948	4.5089	3.7350
Cr-49	1.2549	0.9587	1.4417	1.3049
Cr-51	0.1893	0.1322	0.4768	0.4474
Cr-55	0.0007	0.0006	0.0010	0.0007
Cr-56	1.3641	1.2083	1.4750	1.6982
Cs-121	1.1128	0.7349	1.6502	1.2169
Cs-121m	2.0927	1.2753	3.3699	2.2573
Cs-123	1.4906	1.1967	1.9687	1.9648
Cs-124	0.6300	0.3610	1.0845	0.8739
Cs-125	1.2734	0.9521	1.9863	1.5899
Cs-126	1.0632	0.5873	1.6904	1.6918
Cs-127	2.0438	1.3591	2.9305	2.9638

Nuclide	avg400	ctr400	mid400	cnr400
Cs-128	0.7030	0.4390	1.1728	0.9676
Cs-129	1.7543	1.2322	2.4616	2.5517
Cs-130m	1.1594	1.0461	1.2949	1.3596
Cs-130	0.3726	0.3359	0.4711	0.5117
Cs-131	0.4954	0.4833	0.5304	0.7398
Cs-132	2.1787	1.9580	2.5509	2.6600
Cs-134	3.6067	2.6520	5.4943	5.1814
Cs-134m	0.4157	0.4151	0.5536	0.7259
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.1000	1.8053	5.3187	6.8873
Cs-136	4.5917	2.6546	7.7385	8.2056
Cs-137	1.3954	1.4178	1.4925	1.7076
Cs-138m	1.2226	0.8658	1.9605	1.4109
Cs-138	3.1099	2.0534	5.3672	4.3307
Cs-139	0.3174	0.2173	0.5334	0.4005
Cs-140	2.1335	1.5989	3.3626	2.6802
Cu-57	0.1640	0.0950	0.2813	0.3053
Cu-59	0.7955	0.4623	1.4128	1.1906
Cu-60	3.0896	2.0944	5.3508	4.3308
Cu-61	0.6035	0.4691	0.9631	0.9417
Cu-62	0.0109	0.0079	0.0250	0.0321
Cu-64	0.0372	0.0541	0.1841	0.3175
Cu-66	0.1556	0.0875	0.2634	0.3431
Cu-67	1.0967	0.6901	1.6807	1.1450
Cu-69	0.9372	0.5753	1.5839	1.7792
Dy-148	2.3044	2.0667	2.7174	2.3227
Dy-149	3.4166	2.5597	4.9587	5.2617
Dy-150	1.4687	0.8309	2.1073	2.3573
Dy-151	3.3835	2.2865	5.4161	4.9313
Dy-152	2.1948	1.7526	2.6006	2.5897
Dy-153	3.7145	2.7434	5.2468	4.8426
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.7610	1.9486	3.9676	3.4254
Dy-157	2.2376	1.3895	3.8174	2.5199
Dy-159	0.7914	0.6512	1.0060	1.0874
Dy-165m	0.1831	0.1620	0.3609	0.4672
Dy-165	0.1824	0.1398	0.2319	0.2433
Dy-166	0.6372	0.5004	0.8378	0.8860
Dy-167	2.2528	1.6396	3.3728	2.3404
Dy-168	1.9801	1.2317	3.2963	2.1103
Er-154	0.8597	0.6959	1.1406	1.3837
Er-156	1.0522	0.8861	1.6118	1.9410
Er-159	2.7367	2.1323	3.7087	3.0666

Nuclide	avg400	ctr400	mid400	cnr400
Er-161	2.7545	1.7849	4.3403	4.6273
Er-163	0.6618	0.4917	0.8452	0.8526
Er-165	0.6359	0.4740	0.8164	0.8294
Er-167m	0.8538	0.5154	1.4018	0.9092
Er-169	0.0015	0.0024	0.0083	0.0149
Er-171	2.4387	1.6306	3.8631	2.7229
Er-172	2.2179	1.5223	3.0599	2.7044
Er-173	3.7377	2.3483	5.7877	5.0900
Es-249	2.4237	1.8789	3.4401	3.9790
Es-250	6.0793	4.9765	9.4952	11.3400
Es-250m	2.0240	1.6974	2.8713	3.6258
Es-251	1.3825	1.3491	1.9319	2.4594
Es-253	0.0149	0.0165	0.0332	0.0448
Es-254	0.4704	0.5584	1.1627	1.6276
Es-254m	1.3567	1.2231	1.7942	1.8910
Es-255	0.0011	0.0008	0.0018	0.0015
Es-256	0.0779	0.0858	0.1543	0.2169
Eu-142	0.3606	0.2632	0.5774	0.6057
Eu-142m	5.3874	3.5374	9.0949	9.2851
Eu-143	0.5832	0.4661	0.8899	0.8928
Eu-144	0.2632	0.2335	0.3936	0.3626
Eu-145	2.4870	1.8741	3.8250	4.3816
Eu-146	5.0009	4.0353	6.8894	7.1220
Eu-147	2.2214	1.7792	3.1151	3.1012
Eu-148	5.9665	4.6694	8.9487	6.8315
Eu-149	0.7943	0.7392	1.1530	1.3095
Eu-150	5.4121	3.4602	9.1433	6.8801
Eu-150m	0.1973	0.1335	0.3115	0.2857
Eu-152	3.1130	2.2473	4.7122	4.8010
Eu-152m	0.8118	0.5869	1.2327	1.5273
Eu-152n	1.0753	0.9835	1.3045	1.8105
Eu-154	2.8064	2.0313	4.1034	4.3207
Eu-154m	1.0844	1.0104	1.4243	1.9486
Eu-155	0.8572	0.7584	0.9273	1.2269
Eu-156	1.7496	1.1623	2.8704	2.8050
Eu-157	1.6855	1.1806	2.4791	2.3678
Eu-158	2.2828	1.4420	3.7569	4.3889
Eu-159	1.7451	1.4294	2.2051	2.2434
F-17	0.0005	0.0003	0.0009	0.0012
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.5693	0.8490	2.5108	1.1745
Fe-53	0.7105	0.3487	1.1517	1.0818
Fe-53m	4.6296	3.1515	7.2505	7.4819

Nuclide	avg400	ctr400	mid400	cnr400
Fe-55	0.0412	0.0679	0.2377	0.4283
Fe-59	1.6836	0.9912	2.8770	2.6215
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.2196	1.3679	3.7286	3.5281
Fe-62	1.6474	0.9055	3.7275	1.4493
Fm-251	1.4386	1.3199	1.9835	2.4417
Fm-252	0.0391	0.0440	0.0824	0.1112
Fm-253	1.0059	1.0066	1.5372	1.9863
Fm-254	0.0508	0.0519	0.1016	0.1277
Fm-255	0.4037	0.4696	0.9113	1.2417
Fm-256	20.7842	13.8343	33.7043	28.1656
Fm-257	1.4978	1.3574	2.1044	2.4290
Fr-212	3.0138	2.2037	4.6788	4.1833
Fr-219	0.0174	0.0102	0.0308	0.0201
Fr-220	0.1408	0.1341	0.2372	0.2767
Fr-221	0.2377	0.1614	0.3556	0.2507
Fr-222	1.3359	0.9453	2.1939	1.7583
Fr-223	0.7014	0.5618	1.0113	1.0065
Fr-224	1.6518	1.1657	2.5847	2.2252
Fr-227	2.3955	1.9124	3.2987	3.1553
Ga-64	2.2620	1.4126	3.9527	4.2225
Ga-65	1.3890	1.1576	1.8521	2.2084
Ga-66	1.5136	0.9571	2.8683	3.1327
Ga-67	1.3785	1.0641	2.4439	2.7298
Ga-68	0.0686	0.0502	0.1580	0.2203
Ga-70	0.0157	0.0091	0.0279	0.0309
Ga-72	3.4899	2.2895	5.8002	6.2738
Ga-73	1.8485	1.2695	3.6666	3.1352
Ga-74	3.9275	2.9245	6.2769	4.7158
Gd-142	1.4169	1.0280	2.1925	1.6963
Gd-143m	3.8880	2.9092	5.6493	5.3023
Gd-144	0.8601	0.6622	1.3136	1.2069
Gd-145m	1.6087	1.2229	2.3951	2.7361
Gd-145	2.2181	1.6752	3.6718	3.3528
Gd-146	3.3541	2.8788	4.0367	4.2441
Gd-147	4.6932	3.1366	7.0474	7.0237
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.0316	2.1293	4.5738	3.6459
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	0.9491	0.8294	1.3402	1.4562
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	1.6541	1.5206	1.9101	2.6360
Gd-159	0.3715	0.2405	0.5501	0.4955

Nuclide	avg400	ctr400	mid400	cnr400
Gd-162	1.6811	0.8494	2.8906	2.5784
Ge-66	2.1833	1.5209	3.7791	3.6460
Ge-67	1.7741	1.0102	2.8144	1.6935
Ge-68	0.1013	0.1670	0.5828	1.0484
Ge-69	1.2621	0.8666	2.4544	2.7786
Ge-71	0.1028	0.1693	0.5911	1.0633
Ge-75	0.2131	0.1549	0.2818	0.2254
Ge-77	3.7545	2.4431	5.7195	4.4910
Ge-78	1.6124	1.1249	2.3302	1.6679
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.5384	0.9352	2.6651	1.5850
Hf-169	2.3430	1.4173	4.3999	2.5582
Hf-170	2.7872	2.0738	4.0103	3.2541
Hf-172	1.6254	1.3481	2.2794	2.6379
Hf-173	3.4243	2.6357	4.5416	3.7784
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.2860	1.3848	3.6998	2.8462
Hf-177m	14.3068	9.3704	22.2487	15.8236
Hf-178m	10.9492	6.9851	18.3470	12.5256
Hf-179m	5.6567	3.5676	8.9934	6.8983
Hf-180m	5.4394	3.2061	9.2961	6.3896
Hf-181	2.6235	1.6967	4.6425	2.9005
Hf-182	1.5739	1.1484	2.1156	1.6886
Hf-182m	4.3276	2.8007	7.0069	5.7351
Hf-183	2.3458	1.5138	3.7243	3.6460
Hf-184	1.9802	1.4686	3.4870	3.3394
Hg-190	2.3437	1.8961	3.2399	2.7782
Hg-191m	5.0854	3.8150	7.5033	6.6456
Hg-192	2.4375	1.9554	3.5353	3.1948
Hg-193	2.6791	1.9580	4.1969	4.1378
Hg-193m	2.9550	2.0712	4.6392	4.1601
Hg-194	0.0619	0.0992	0.3175	0.5402
Hg-195	1.3038	1.1173	2.0261	2.1937
Hg-195m	1.4410	1.2656	2.4766	2.7743
Hg-197	1.0740	0.9871	1.5965	1.7289
Hg-197m	1.1205	1.0099	1.7118	1.8290
Hg-199m	1.7502	1.2128	2.6653	2.0444
Hg-203	1.4653	1.0475	2.1259	1.5640
Hg-205	0.0445	0.0269	0.0734	0.0420
Hg-206	0.6689	0.4407	1.1306	0.6873
Hg-207	4.1834	2.7674	6.9742	6.4573
Ho-150	2.3072	1.5322	3.6680	4.2594
Ho-153	2.4381	1.6537	3.7530	2.9269

Nuclide	avg400	ctr400	mid400	cnr400
Ho-153m	2.7505	1.8927	3.9716	3.5294
Ho-154m	6.9099	3.8441	12.2457	9.1366
Ho-154	3.4853	2.1204	5.9428	4.5622
Ho-155	2.0529	1.4571	3.0040	2.6752
Ho-156	4.4229	3.1682	6.3314	5.7410
Ho-157	3.0907	2.1434	4.5314	3.7898
Ho-159	3.2882	2.5322	4.2615	3.9483
Ho-160	4.4822	3.1200	6.7100	7.4789
Ho-161	1.0035	0.8323	1.3171	1.6207
Ho-162	0.9394	0.7345	1.2545	1.2690
Ho-162m	2.2082	1.4896	3.4692	3.1110
Ho-163	0.0017	0.0027	0.0095	0.0172
Ho-164	0.4965	0.3956	0.6444	0.6997
Ho-164m	0.8157	0.6802	1.2784	1.5628
Ho-166	0.1949	0.1604	0.2854	0.3051
Ho-166m	5.2907	3.3990	8.3570	7.4700
Ho-167	1.9548	1.0872	3.3572	2.3110
Ho-168	2.0201	1.3219	3.2451	3.6942
Ho-168m	0.1297	0.1182	0.2734	0.3859
Ho-170	4.5160	2.8670	7.0001	7.6860
I-118m	6.8041	5.3342	9.6759	7.7796
I-118	2.3347	1.8704	3.3700	2.4575
I-119	2.0037	1.5931	2.4254	2.4198
I-120	2.7342	2.0677	4.4624	3.1138
I-120m	5.8824	4.6468	8.7772	6.0898
I-121	2.1151	1.4316	3.1823	2.3325
I-122	0.4881	0.3860	0.7457	0.5708
I-123	1.8827	1.2399	2.5928	1.7432
I-124	1.9743	1.7122	2.6282	2.2827
I-125	0.9497	0.9112	1.0344	1.6259
I-126	1.5070	1.0787	2.0473	2.1933
I-128	0.2687	0.1516	0.4742	0.3708
I-129	0.5307	0.5200	0.5681	0.7786
I-130m	0.4103	0.3147	0.7167	0.5099
I-130	5.4524	3.9000	8.5621	6.9376
I-131	1.6038	1.6367	1.7375	1.8452
I-132	4.7845	3.5475	7.0628	7.0883
I-132m	1.1662	0.9496	1.6326	1.6573
I-133	1.7247	1.0881	3.3889	1.7198
I-134m	1.9779	1.5500	2.5516	2.4444
I-134	4.8439	3.0369	7.9916	9.1441
I-135	2.1259	1.3840	3.5902	3.0532
In-103	3.3237	2.1000	5.4663	4.6272

Nuclide	avg400	ctr400	mid400	cnr400
In-105	2.8208	2.1314	4.0190	3.6600
In-106	5.7724	4.1638	8.6440	9.2076
In-106m	2.6288	2.2691	3.4706	3.0094
In-107	2.5690	1.6442	4.4047	3.3020
In-108	7.3158	5.3139	10.7596	11.4245
In-108m	2.6349	2.2236	3.6502	3.2309
In-109	2.5044	1.6804	3.9172	3.0361
In-109m	1.5695	1.4602	1.7240	1.5946
In-110	6.7044	4.9161	9.7970	11.5201
In-110m	1.9948	1.7672	2.4346	2.3869
In-111	3.4053	2.3758	4.5788	3.5322
In-111m	1.4939	0.9948	2.8763	1.3654
In-112	0.2476	0.2300	0.3166	0.3922
In-112m	0.5356	0.4270	0.7009	0.8185
In-113m	1.2176	0.6416	1.8179	2.0650
In-114	0.0055	0.0042	0.0086	0.0078
In-114m	0.5739	0.4148	0.8694	0.7901
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.9483	0.5769	1.6319	1.2533
In-116m	3.4385	2.0668	5.8548	5.1265
In-117	3.0480	1.9396	5.0021	2.3223
In-117m	0.6769	0.4125	1.1192	0.6819
In-118m	4.3902	2.7904	7.1219	6.8815
In-118	0.1076	0.0631	0.1912	0.1419
In-119	1.6811	1.1306	2.6818	3.3543
In-119m	0.1661	0.1144	0.2791	0.2974
In-121	1.7549	1.0574	2.8582	3.7804
In-121m	0.4695	0.3871	0.5439	0.7116
Ir-180	3.6652	2.7473	5.3004	5.1503
Ir-182	3.3935	2.5408	4.8967	4.7827
Ir-183	3.2074	2.4343	4.9060	4.7053
Ir-184	5.2678	3.8019	7.9038	7.7441
Ir-185	2.6280	2.1750	4.0986	4.1616
Ir-186	5.0637	3.5865	7.8952	6.6905
Ir-186m	2.8819	2.1722	4.2974	4.3959
Ir-187	1.7603	1.3703	2.7477	2.9022
Ir-188	3.5467	2.5936	5.6529	4.6158
Ir-189	1.0253	0.9068	1.5571	1.7781
Ir-190	6.0196	4.0128	9.7649	6.9441
Ir-190m	0.0574	0.0941	0.3234	0.5757
Ir-190n	0.8354	0.7344	1.2020	1.3112
Ir-191m	1.0239	0.9608	1.5627	1.8367
Ir-192	3.6795	2.1610	6.8418	3.7011

Nuclide	avg400	ctr400	mid400	cnr400
Ir-192m	0.0670	0.1081	0.3568	0.6174
Ir-192n	0.1460	0.2301	0.7475	1.2842
Ir-193m	0.0612	0.0968	0.3235	0.5698
Ir-194	0.3371	0.2006	0.5954	0.3760
Ir-194m	8.1317	5.2609	14.0024	9.0405
Ir-195	0.8277	0.7495	1.2090	1.4390
Ir-195m	1.9976	1.3717	3.1857	2.7111
Ir-196	0.6966	0.3875	1.2092	1.0502
Ir-196m	8.6828	5.3977	14.3816	11.2673
K-38	1.4334	0.8930	2.7819	2.1760
K-40	0.1669	0.1372	0.2646	0.1866
K-42	0.2866	0.2541	0.4336	0.2997
K-43	3.2471	2.2390	4.5961	3.8638
K-44	2.3562	1.4783	4.0882	3.7601
K-45	2.7124	1.7710	4.4710	2.8278
K-46	2.3312	1.5667	4.0335	2.8752
Kr-74	1.9592	1.4547	2.9147	2.4357
Kr-75	1.7943	1.3973	2.3598	1.8642
Kr-76	2.2932	1.5749	4.1068	3.3480
Kr-77	1.8884	1.5472	2.3408	1.8411
Kr-79	0.8369	0.6692	1.5306	1.6217
Kr-81	0.1313	0.1983	0.5354	0.7828
Kr-81m	1.1345	0.6307	2.0029	1.0201
Kr-83m	0.0567	0.0872	0.2416	0.3672
Kr-85	0.0072	0.0041	0.0156	0.0063
Kr-85m	1.3733	0.8490	2.0232	1.0133
Kr-87	1.3159	0.7040	2.1311	2.1854
Kr-88	2.0980	1.3212	3.7424	2.9272
Kr-89	2.7225	1.8399	4.5253	3.6894
La-128	5.0682	3.3860	8.3531	6.3856
La-129	1.8371	1.3568	2.6084	2.2594
La-130	3.6350	2.2466	6.1848	4.9970
La-131	2.3142	1.6752	3.2913	3.0282
La-132	3.1845	2.0650	5.6435	4.0463
La-132m	2.5472	1.8810	3.7410	3.1548
La-133	0.7255	0.6766	0.9526	1.0753
La-134	0.3186	0.2988	0.3802	0.3763
La-135	0.5652	0.5477	0.6353	0.7399
La-136	0.3962	0.3742	0.4557	0.5574
La-137	0.5152	0.5126	0.5537	0.6840
La-138	1.8352	1.3978	2.8531	2.6538
La-140	3.3845	2.4677	5.8434	4.3483
La-141	0.0300	0.0211	0.0499	0.0342

Nuclide	avg400	ctr400	mid400	cnr400
La-142	2.3919	1.7900	3.7147	3.2572
La-143	0.3463	0.2493	0.5473	0.4843
Lu-165	3.1559	2.2686	4.4659	3.8778
Lu-167	3.6255	2.5675	5.5604	4.7893
Lu-169m	0.0416	0.0685	0.2395	0.4312
Lu-169	3.2980	2.2147	5.0514	4.6689
Lu-170	3.3940	2.2922	5.5414	5.0188
Lu-171m	0.0483	0.0755	0.2563	0.4563
Lu-171	2.6078	1.9748	3.8501	4.3501
Lu-172	4.7996	3.0615	7.6957	7.9923
Lu-172m	0.0374	0.0616	0.2154	0.3878
Lu-173	2.0441	1.4906	2.6441	2.4318
Lu-174	0.9037	0.6631	1.2754	1.2791
Lu-174m	0.9133	0.7616	1.5000	1.8285
Lu-176	3.3146	1.9934	5.8042	3.4823
Lu-176m	0.2171	0.1954	0.3369	0.4538
Lu-177	0.3329	0.2356	0.4880	0.3988
Lu-177m	7.1331	4.6137	10.6757	8.2794
Lu-178	0.2936	0.2293	0.4582	0.4679
Lu-178m	6.2660	3.8402	10.0927	7.7094
Lu-179	0.2187	0.1356	0.3371	0.2088
Lu-180	3.3479	2.0310	5.4862	4.8930
Lu-181	2.2994	1.7086	3.5425	3.2468
Mg-27	1.6114	0.9118	2.7645	3.6678
Mg-28	2.6337	1.7277	3.9862	4.0614
Mn-50m	5.3303	3.4922	8.7363	8.8573
Mn-51	0.0093	0.0070	0.0192	0.0244
Mn-52	4.8030	3.2882	7.8207	8.4519
Mn-52m	1.5698	1.2259	2.4974	1.7165
Mn-53	0.0335	0.0553	0.1936	0.3488
Mn-54	1.6116	0.9539	2.9273	3.9325
Mn-56	2.2025	1.3514	3.8569	4.4451
Mn-57	0.4754	0.4493	0.8167	1.0143
Mn-58m	3.5686	2.1893	6.2371	5.9553
Mo-101	2.7130	1.8133	4.6031	3.6740
Mo-102	0.1543	0.0975	0.2265	0.1315
Mo-89	0.3450	0.2433	0.5438	0.5358
Mo-90	3.2691	2.6972	4.3193	4.0115
Mo-91m	1.5305	1.2846	2.0790	1.7387
Mo-91	0.0326	0.0335	0.0564	0.0532
Mo-93	0.2850	0.3360	0.5182	0.5531
Mo-93m	4.2143	3.5035	5.7738	4.9560
Mo-99	0.4732	0.3181	0.7206	0.6808

Nuclide	avg400	ctr400	mid400	cnr400
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.0151	0.6556	2.0313	1.5912
Na-22	1.5984	0.9589	2.7729	1.8389
Na-24	3.0248	2.0317	5.3246	3.9442
Nb-87	2.1633	1.3812	3.5616	2.0081
Nb-88m	5.8656	3.6384	9.5232	9.7997
Nb-88	6.9704	4.4690	11.4891	11.1513
Nb-89	0.5616	0.4263	0.9887	0.8311
Nb-89m	1.5283	0.8979	3.3303	1.5266
Nb-90	4.4558	2.9673	7.4624	6.4795
Nb-91	0.2714	0.3341	0.5138	0.5517
Nb-91m	0.2810	0.3102	0.5045	0.5319
Nb-92	3.5411	2.4576	6.0914	5.7651
Nb-92m	1.9238	1.2674	3.3273	4.4064
Nb-93m	0.0532	0.0638	0.1059	0.1228
Nb-94m	0.2022	0.2338	0.3700	0.4025
Nb-94	3.1777	2.1775	4.8410	5.9325
Nb-95	1.5754	1.0171	2.5395	3.1266
Nb-95m	0.6233	0.5308	0.9150	0.8048
Nb-96	5.1113	3.1890	8.6860	8.4671
Nb-97	1.6469	1.4923	1.8769	1.7736
Nb-98m	4.9247	3.2989	7.9334	8.4916
Nb-99	2.0609	1.7395	2.4434	2.4255
Nb-99m	1.0193	0.7076	1.6544	1.4652
Nd-134	2.4465	1.6842	3.5533	2.5266
Nd-135	2.9690	2.0130	4.8050	3.4465
Nd-136	1.8774	1.6991	2.3545	2.6607
Nd-137	2.5674	1.9781	3.8463	3.4845
Nd-138	0.6566	0.6289	0.8242	0.9284
Nd-139	0.8117	0.6717	1.1073	1.2152
Nd-139m	4.1532	3.1244	5.9636	7.1364
Nd-140	0.5606	0.5690	0.6628	0.8301
Nd-141	0.5906	0.5861	0.7119	0.8703
Nd-141m	1.4964	1.0180	2.3306	2.8282
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.0221	0.8587	1.3911	1.3396
Nd-149	2.2268	1.6043	3.1816	2.4862
Nd-151	2.6836	1.9570	3.7745	3.6834
Nd-152	0.9877	0.7516	1.3705	1.1472
Ne-19	0.0002	0.0002	0.0003	0.0003
Ne-24	1.7745	0.9173	3.6524	2.1230
Ni-56	5.1073	3.1520	8.5104	7.4245
Ni-57	1.8269	1.3969	3.0320	2.3686

Nuclide	avg400	ctr400	mid400	cnr400
Ni-59	0.0581	0.0959	0.3356	0.6048
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7210	0.5100	1.1690	0.9925
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.2309	3.0147	6.8758	7.7930
Np-233	1.1805	1.1153	1.4926	2.2753
Np-234	2.2861	2.0454	3.3742	3.8030
Np-235	0.1632	0.2110	0.4559	0.6332
Np-236	2.1398	1.9393	3.3456	4.0304
Np-236m	0.6287	0.6088	0.8164	1.2533
Np-237	0.5918	0.6201	1.0113	1.3190
Np-238	1.1312	0.7430	2.0186	2.7381
Np-239	1.9008	1.6816	2.6220	3.3203
Np-240	3.3563	2.5117	5.5430	5.8314
Np-240m	0.9331	0.7616	1.6151	1.3149
Np-241	0.4590	0.4163	0.6187	0.8205
Np-242	0.3952	0.2897	0.6519	0.6782
Np-242m	2.6838	1.9229	4.5844	5.5618
O-14	1.4415	0.8996	2.7528	2.1674
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.4634	1.4498	4.1819	2.2492
Os-180	1.1653	0.9950	1.8476	2.0775
Os-181	4.1293	3.0185	6.1196	6.4742
Os-182	2.5771	1.7648	4.5492	3.0689
Os-183	3.7039	2.5014	5.4133	5.4804
Os-183m	2.2573	1.5171	3.6256	4.0152
Os-185	2.3079	2.0243	2.8854	2.9364
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0548	0.0901	0.3112	0.5559
Os-190m	6.1999	4.0299	10.8085	6.7304
Os-191	1.1233	1.0444	1.6602	1.9090
Os-191m	0.1394	0.1614	0.4110	0.6460
Os-193	0.4488	0.3378	0.7261	0.6374
Os-194	0.0919	0.1179	0.3144	0.5154
Os-196	0.5148	0.3813	0.7348	0.6329
P-30	0.0011	0.0007	0.0021	0.0016
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.3551	0.3558	0.5517	0.7280
Pa-228	4.1730	3.0940	6.8350	7.7348
Pa-229	0.9452	0.9143	1.2562	1.8384
Pa-230	2.2976	1.7418	3.6972	4.6075
Pa-231	0.4839	0.4954	1.0784	1.3248

Nuclide	avg400	ctr400	mid400	cnr400
Pa-232	2.3985	1.5616	4.1981	4.6966
Pa-233	1.6400	1.2578	2.7915	2.5947
Pa-234	4.3729	3.2812	6.9163	7.8482
Pa-234m	0.0365	0.0264	0.0585	0.0771
Pa-235	0.0197	0.0324	0.1131	0.2033
Pa-236	1.7234	1.4820	2.5147	2.4634
Pa-237	1.3742	0.8446	2.5348	2.5023
Pb-194	3.4248	2.5790	5.2292	4.3029
Pb-195m	5.2655	3.3706	8.2845	8.8058
Pb-196	2.9416	2.1929	4.5272	3.5523
Pb-197	3.5016	2.3014	5.5047	5.5011
Pb-197m	4.4453	2.9341	6.8815	6.9217
Pb-198	2.8119	2.0370	4.2028	3.5521
Pb-199	2.8146	1.9588	4.3814	4.0720
Pb-200	2.1651	1.7586	3.0170	2.6240
Pb-201	3.1987	2.1350	5.2628	4.3072
Pb-201m	1.2549	1.1986	1.4191	1.2696
Pb-202	0.0578	0.0936	0.3084	0.5335
Pb-202m	4.9330	2.9497	8.1358	8.9645
Pb-203	2.3757	1.8517	3.3612	2.8429
Pb-204m	4.6467	2.5496	7.7910	9.4491
Pb-205	0.0585	0.0948	0.3121	0.5399
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1060	0.1358	0.3472	0.5165
Pb-211	0.1851	0.1040	0.3002	0.3325
Pb-212	1.1940	0.9525	1.5315	1.3607
Pb-214	1.4146	0.9167	2.3022	1.7756
Pd-100	1.9336	1.7315	2.3890	2.3366
Pd-101	1.5014	1.2259	2.4495	2.1960
Pd-103	0.3486	0.3416	0.6007	0.6975
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0379	0.6013	1.7340	0.9522
Pd-109	0.2348	0.2222	0.3291	0.4701
Pd-111	0.1113	0.0811	0.1714	0.1320
Pd-112	0.1282	0.1394	0.2429	0.2728
Pd-114	0.1987	0.1505	0.2542	0.2082
Pd-96	3.1796	2.4243	4.7453	4.7512
Pd-97	3.1139	2.1556	5.0458	4.3177
Pd-98	2.1414	1.8695	2.6890	3.2219
Pd-99	2.5088	1.9247	3.4547	3.0780
Pm-136	4.9137	3.0523	7.8480	7.6980
Pm-137m	4.7129	3.3158	7.0782	5.6849
Pm-139	0.7902	0.5409	1.1910	1.2117

Nuclide	avg400	ctr400	mid400	cnr400
Pm-140m	5.1937	3.0141	8.5541	9.9336
Pm-140	0.3212	0.2269	0.5121	0.4952
Pm-141	0.5695	0.4782	0.8159	0.8264
Pm-142	0.2037	0.2004	0.2606	0.2766
Pm-143	1.1889	1.0144	1.6198	1.9608
Pm-144	4.6065	3.8418	6.2850	5.3679
Pm-145	0.5953	0.5984	0.7289	0.9045
Pm-146	2.4031	1.6030	3.9508	3.5732
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.9429	0.6798	1.5886	1.1887
Pm-148m	5.4119	4.0840	8.1066	6.3318
Pm-149	0.0595	0.0405	0.0937	0.0685
Pm-150	2.8997	1.7160	5.0659	4.0640
Pm-151	1.7554	1.1813	2.6704	2.1241
Pm-152m	4.3505	3.1985	6.1364	5.8767
Pm-152	0.7408	0.5688	1.0398	1.1975
Pm-153	0.8574	0.7602	1.0200	1.0513
Pm-154	2.3737	1.5773	3.9795	3.9953
Pm-154m	4.0310	2.8458	6.2891	4.9958
Po-203	3.7275	2.5688	5.9408	6.2968
Po-204	4.5665	3.5047	7.0427	7.3800
Po-205	3.5992	2.5427	5.6283	6.4367
Po-206	4.0379	2.8311	6.9595	6.3909
Po-207	3.2909	2.2893	5.0379	5.9490
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0265	0.0223	0.0492	0.0656
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0183	0.0123	0.0305	0.0290
Po-212m	0.0715	0.0496	0.1254	0.0859
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0000	0.0001	0.0002
Po-214	0.0002	0.0001	0.0003	0.0004
Po-215	0.0007	0.0003	0.0012	0.0009
Po-216	0.0000	0.0000	0.0001	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	6.6619	4.2677	10.2585	9.3808
Pr-134m	3.0257	1.7809	4.9483	4.6574
Pr-135	1.7789	1.3842	2.5755	2.0442
Pr-136	3.3354	2.3227	5.9063	3.7725
Pr-137	0.6017	0.5378	0.7895	0.8670
Pr-138	0.2078	0.1890	0.2679	0.3202
Pr-138m	5.3428	3.3311	8.9134	9.4723
Pr-139	0.5380	0.5397	0.6245	0.7607

Nuclide	avg400	ctr400	mid400	cnr400
Pr-140	0.2861	0.2880	0.3319	0.4045
Pr-142	0.0569	0.0544	0.0829	0.0579
Pr-142m	0.0026	0.0044	0.0152	0.0274
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0364	0.0279	0.0547	0.0502
Pr-144m	0.2332	0.2424	0.3227	0.4348
Pr-145	0.0444	0.0327	0.0644	0.0725
Pr-146	1.7461	1.1049	3.0687	2.3485
Pr-147	2.1315	1.7230	3.0078	2.5718
Pr-148	2.1566	1.3758	3.6611	2.7111
Pr-148m	3.2395	2.0360	5.4943	3.7840
Pt-184	4.9205	3.6930	7.5225	6.2809
Pt-186	2.7626	2.2941	3.7662	3.7120
Pt-187	3.0342	2.3489	4.5360	4.4115
Pt-188	1.9619	1.4371	3.0884	2.6550
Pt-189	2.7080	2.2359	3.9419	3.8133
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.3139	1.8338	3.4641	3.2177
Pt-193	0.0606	0.0986	0.3296	0.5761
Pt-193m	0.2156	0.2361	0.5401	0.7943
Pt-195m	1.1407	1.0939	1.9028	2.4809
Pt-197	0.3314	0.3000	0.5902	0.6415
Pt-197m	0.8145	0.7033	1.4944	1.6846
Pt-199	0.7624	0.4880	1.3963	0.8411
Pt-200	0.6782	0.5850	1.0375	1.0708
Pt-202	0.0000	0.0000	0.0000	0.0000
Pu-232	0.8739	0.8381	1.0837	1.7137
Pu-234	0.9656	0.9328	1.2290	1.9310
Pu-235	1.2490	1.2071	1.6486	2.5401
Pu-236	0.0533	0.0674	0.1384	0.1818
Pu-237	0.7879	0.7833	1.1273	1.6971
Pu-238	0.0490	0.0621	0.1277	0.1680
Pu-239	0.0250	0.0329	0.0767	0.1115
Pu-240	0.0462	0.0585	0.1202	0.1580
Pu-241	0.0000	0.0000	0.0000	0.0001
Pu-242	0.0396	0.0502	0.1032	0.1355
Pu-243	0.3526	0.3217	0.4485	0.4955
Pu-244	0.0653	0.0631	0.1382	0.1563
Pu-245	1.5884	1.1029	2.5601	2.3656
Pu-246	1.6048	1.3572	2.1934	2.3982
Ra-219	1.0033	0.6461	1.7840	1.0951
Ra-220	0.0168	0.0087	0.0339	0.0198
Ra-221	0.4594	0.3872	0.7534	0.7523

Nuclide	avg400	ctr400	mid400	cnr400
Ra-222	0.0474	0.0260	0.0902	0.0491
Ra-223	1.2713	1.0317	1.7892	1.7307
Ra-224	0.0728	0.0563	0.0894	0.0817
Ra-225	0.2815	0.3084	0.4248	0.5396
Ra-226	1.3498	1.3807	1.4267	1.5070
Ra-227	1.0058	0.8373	1.8054	1.8337
Ra-228	1.3310	1.3672	1.3686	1.5403
Ra-230	0.6328	0.4960	0.9695	0.9039
Rb-77	1.9699	1.3610	2.8097	2.3457
Rb-78m	4.0070	2.6697	6.6398	5.4388
Rb-78	2.9837	1.8576	5.4629	4.1593
Rb-79	2.4565	1.6980	3.8307	2.6945
Rb-80	0.4818	0.4414	0.5712	0.4392
Rb-81	0.8115	0.5356	1.6988	1.3726
Rb-81m	0.2048	0.2400	0.4515	0.5137
Rb-82	0.2615	0.1696	0.4453	0.5453
Rb-82m	5.4425	3.8718	8.8871	8.5605
Rb-83	1.6431	1.1553	3.5549	2.0027
Rb-84	1.2163	0.7789	2.2665	3.0134
Rb-84m	2.0960	1.4378	3.1685	2.3727
Rb-86m	1.6261	1.1738	2.8669	1.4130
Rb-86	0.1417	0.0801	0.2411	0.2874
Rb-87	0.0000	0.0000	0.0000	0.0000
Rb-88	0.6109	0.4138	1.0699	1.0392
Rb-89	2.6955	1.6448	4.5841	4.6245
Rb-90	1.4108	0.8506	2.5405	2.7413
Rb-90m	3.2419	2.0116	5.6968	6.0413
Re-178	2.9277	2.1882	4.3516	4.4951
Re-179	3.8347	2.5451	6.2417	5.1227
Re-180	2.9820	2.0703	4.6920	6.0773
Re-181	3.5304	2.3582	5.5221	5.3011
Re-182	6.8743	4.8376	10.2720	9.0046
Re-182m	3.3140	2.3845	4.9774	4.9248
Re-183	1.9541	1.5225	2.9334	2.9097
Re-184	2.6650	1.8670	4.1349	5.2091
Re-184m	2.1562	1.6428	3.3144	3.6155
Re-186	0.2487	0.2081	0.3329	0.3178
Re-186m	0.3718	0.4250	1.0780	1.7163
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3649	0.2377	0.5487	0.3564
Re-188m	1.0556	0.9580	1.6252	2.0899
Re-189	0.4119	0.2873	0.6422	0.4944
Re-190	4.7246	3.0022	7.5024	5.7011

Nuclide	avg400	ctr400	mid400	cnr400
Re-190m	3.6729	2.4738	5.8620	4.5513
Rh-100m	0.6362	0.5984	0.9937	1.0668
Rh-100	4.0901	2.8527	7.3248	5.3686
Rh-101	2.7405	2.0047	4.1271	2.8384
Rh-101m	1.7427	1.1621	3.1804	1.9914
Rh-102	1.2332	0.7960	2.3786	1.5728
Rh-102m	5.4920	3.8328	8.9035	7.7517
Rh-103m	0.0414	0.0433	0.0870	0.1157
Rh-104	0.0366	0.0265	0.0645	0.0345
Rh-104m	0.7925	0.6278	1.0468	1.0297
Rh-105	0.3986	0.2177	0.7680	0.3813
Rh-106	0.5649	0.3895	1.0248	0.5449
Rh-106m	6.0722	3.8589	10.5546	8.6024
Rh-107	1.5550	0.9127	2.7067	1.6516
Rh-108	1.0659	0.6374	1.7779	1.3425
Rh-109	1.6476	0.9790	2.8061	1.7870
Rh-94	3.7520	2.6068	6.1747	5.3890
Rh-95	2.5160	1.6619	4.1553	4.5166
Rh-95m	1.6068	1.0845	3.0094	1.6899
Rh-96	6.1820	4.7103	8.8778	9.4085
Rh-96m	1.3943	0.9416	2.3786	2.6839
Rh-97	2.1417	1.2121	3.6288	3.5412
Rh-97m	3.1730	2.0865	5.4644	4.2223
Rh-98	1.8664	1.6612	2.2587	2.0625
Rh-99	2.4668	1.7682	4.1649	3.2302
Rh-99m	2.1288	1.4003	3.6554	2.7506
Rn-207	3.0438	2.1378	4.6353	4.3202
Rn-209	3.3599	2.2917	5.0965	5.1850
Rn-210	0.2254	0.1663	0.3565	0.3294
Rn-211	4.3341	3.2113	6.4524	6.4007
Rn-212	0.0008	0.0007	0.0010	0.0010
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0021	0.0019	0.0026	0.0018
Rn-219	0.3124	0.2036	0.4422	0.4061
Rn-220	1.4368	1.4581	1.5035	1.6747
Rn-222	0.0013	0.0007	0.0028	0.0011
Rn-223	1.3353	1.1042	2.1060	2.1008
Ru-103	1.6313	0.9064	3.5987	1.4891
Ru-105	2.1716	1.5087	3.3951	2.9953
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8910	0.5287	1.4929	1.2523

Nuclide	avg400	ctr400	mid400	cnr400
Ru-108	0.6295	0.3753	0.9292	0.4683
Ru-92	6.0423	4.4763	8.6270	7.0833
Ru-94	1.9847	1.1950	3.3894	3.3227
Ru-95	2.8539	1.8848	4.8452	3.9611
Ru-97	1.9269	1.3119	3.1307	2.1092
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.3319	0.8532	2.5305	2.0793
S-38	1.2459	0.8405	2.3618	1.8123
Sb-111	2.3993	1.4263	3.9830	2.6541
Sb-113	1.9528	1.1373	4.0078	2.1901
Sb-114	2.5549	1.6383	4.3048	3.5205
Sb-115	1.9911	1.1881	4.1610	2.1940
Sb-116	2.2519	1.4470	3.7847	3.3555
Sb-116m	6.3133	4.1243	10.0020	10.0909
Sb-117	1.8387	1.1842	2.5451	1.8214
Sb-118	0.1885	0.1537	0.2568	0.3388
Sb-118m	5.8947	4.1176	8.5494	9.3486
Sb-119	0.5490	0.5205	0.6634	1.1848
Sb-120	0.2993	0.2704	0.3564	0.6003
Sb-120m	6.2405	3.9805	9.6663	9.9066
Sb-122m	1.1984	1.0367	1.2989	1.5106
Sb-122	1.2706	0.9541	2.1030	1.1556
Sb-124	3.0248	2.5746	4.2560	3.1739
Sb-124m	1.2489	0.9857	1.9662	1.2085
Sb-124n	0.0092	0.0152	0.0531	0.0957
Sb-125	1.7791	1.2889	2.5741	2.1826
Sb-126	7.0283	5.2064	9.7337	9.9092
Sb-126m	4.2521	3.0952	5.8085	5.8181
Sb-127	1.9604	1.3626	3.0531	2.6158
Sb-128	7.6406	5.3669	11.9766	10.8064
Sb-128m	4.8610	3.1290	8.0800	7.5923
Sb-129	2.6266	1.6781	4.4048	4.6477
Sb-130m	5.5298	3.2390	9.3537	10.5783
Sb-130	7.9187	4.6642	13.5706	12.8998
Sb-131	3.2835	2.2246	5.1888	5.4976
Sb-133	3.4359	2.2106	5.7980	5.5877
Sc-42m	4.8124	3.1260	8.1255	6.0321
Sc-43	0.3717	0.1830	0.6178	0.5623
Sc-44	1.6384	0.9437	2.8230	2.7031
Sc-44m	1.4562	1.0523	1.9899	1.6084
Sc-46	3.2340	1.8355	5.5433	6.6763
Sc-47	1.0465	0.5547	1.5527	0.5992
Sc-48	5.0062	2.9347	8.4679	9.4123

Nuclide	avg400	ctr400	mid400	cnr400
Sc-49	0.0009	0.0008	0.0015	0.0011
Sc-50	4.6693	3.2807	8.1799	5.8775
Se-70	1.6690	1.1840	3.2004	3.4978
Se-71	1.6053	1.0143	2.4793	2.1692
Se-72	0.6303	0.6281	1.4063	2.0108
Se-73	2.3650	1.4680	3.8049	3.3024
Se-73m	0.2509	0.1979	0.4615	0.5267
Se-75	2.8551	2.2759	4.1354	4.0947
Se-77m	0.8754	0.5226	1.4994	0.9157
Se-79m	0.2196	0.2638	0.5912	0.9615
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0308	0.0208	0.0486	0.0361
Se-81m	0.2736	0.3137	0.6446	1.0682
Se-83m	1.6037	0.9988	2.6312	2.8529
Se-83	5.3816	3.2738	9.3662	7.4302
Se-84	1.6891	0.7978	2.6899	2.7101
Si-31	0.0011	0.0007	0.0020	0.0013
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.4803	1.7314	3.9115	3.0192
Sm-140	1.4272	1.1401	2.0311	1.9166
Sm-141	2.2259	1.3478	3.6006	3.3514
Sm-141m	4.4528	2.8546	7.2784	6.2776
Sm-142	0.5647	0.5638	0.7058	0.8720
Sm-143	0.3949	0.3730	0.5178	0.6171
Sm-143m	1.4891	1.0240	2.3039	2.7842
Sm-145	1.1785	1.1588	1.4396	1.7361
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0004	0.0005	0.0015	0.0026
Sm-153	0.9630	0.8806	1.0938	1.5051
Sm-155	1.2483	1.1160	1.2913	2.0263
Sm-156	1.1266	0.8053	1.6360	1.3072
Sm-157	2.1106	1.2553	3.4222	2.2298
Sn-106	3.4991	2.3310	5.2779	5.2429
Sn-108	3.3824	2.2944	4.6612	4.8428
Sn-109	3.1561	2.1548	5.1779	5.0381
Sn-110	1.9963	1.4665	2.8928	2.4955
Sn-111	0.5200	0.4321	0.7333	0.9622
Sn-113	0.4654	0.4337	0.5624	0.9315
Sn-113m	0.3163	0.2986	0.3728	0.6640
Sn-117m	1.7701	1.1111	2.4801	1.6389
Sn-119m	0.3556	0.3407	0.4601	0.8210

Nuclide	avg400	ctr400	mid400	cnr400
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1155	0.1140	0.1515	0.2534
Sn-123	0.0104	0.0059	0.0178	0.0207
Sn-123m	1.3849	0.7621	2.0380	0.8907
Sn-125m	1.6270	0.8613	3.0403	1.7623
Sn-125	0.5309	0.3032	0.9261	1.0384
Sn-126	0.8693	0.7764	0.9481	1.2496
Sn-127m	1.6225	0.8919	3.5348	1.5749
Sn-127	3.3329	2.0231	5.6680	5.5536
Sn-128	3.0740	2.2517	4.7128	3.8568
Sn-129	2.1186	1.7926	2.6719	2.4480
Sn-130	3.7563	2.4171	5.7666	5.0301
Sn-130m	2.2607	1.6317	3.2855	3.3253
Sr-79	1.3120	1.0508	1.8579	1.7765
Sr-80	1.2707	1.0238	2.1232	1.5205
Sr-81	2.2468	1.3915	3.5119	2.2758
Sr-82	0.1569	0.2221	0.4598	0.5324
Sr-83	1.4416	1.0412	2.5958	2.8575
Sr-85	1.7382	1.1371	3.9141	1.9281
Sr-85m	1.5970	1.1242	2.1857	1.6180
Sr-87m	1.3851	0.6844	2.1780	2.2764
Sr-89	0.0002	0.0001	0.0003	0.0004
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.3283	0.8902	2.0420	2.4679
Sr-92	1.6344	1.1595	2.6656	1.9205
Sr-93	4.2372	2.9779	6.6751	5.7967
Sr-94	1.6331	1.2670	2.5830	1.8402
Ta-170	1.4066	1.0328	2.0664	2.4710
Ta-172	3.5381	2.3949	5.5642	5.1463
Ta-173	2.1968	1.6040	3.2634	3.0939
Ta-174	2.5562	1.7271	4.0358	3.3444
Ta-175	3.4761	2.4775	5.1673	4.6035
Ta-176	3.5968	2.6155	5.7361	5.0542
Ta-177	0.9105	0.7208	1.2085	1.2865
Ta-178	0.9406	0.7432	1.2911	1.3838
Ta-178m	7.2829	4.5562	11.6177	9.0246
Ta-179	0.4065	0.3349	0.6336	0.7432
Ta-180	0.7426	0.5933	1.0036	1.1062
Ta-182	3.1185	2.1289	4.7648	4.4667
Ta-182m	2.7935	1.8903	4.4494	3.3650
Ta-183	2.6477	2.0073	3.8601	3.7598
Ta-184	5.6152	3.5549	8.8821	8.8896
Ta-185	1.4633	1.0044	2.3483	1.8564

Nuclide	avg400	ctr400	mid400	cnr400
Ta-186	5.4316	3.6371	8.7099	6.3610
Tb-146	3.3291	2.6123	5.2187	4.5768
Tb-147m	2.0387	1.5776	3.1941	2.5015
Tb-147	3.7910	2.6716	5.7236	5.3928
Tb-148m	7.1964	4.8052	10.7047	12.0790
Tb-148	3.0232	1.9990	5.0725	5.1797
Tb-149m	2.8769	2.0257	4.3505	5.0636
Tb-149	3.3961	2.1936	5.3173	4.8368
Tb-150m	7.3063	5.4564	10.7566	8.5913
Tb-150	3.4652	2.7687	5.0432	4.2837
Tb-151	4.3436	3.1699	6.2635	5.4955
Tb-151m	0.5030	0.3814	0.9941	1.2519
Tb-152m	3.8238	2.5382	5.9145	4.6324
Tb-152	3.0576	2.0021	4.9818	4.1728
Tb-153	2.3172	1.7230	3.3177	3.0406
Tb-154	3.3821	2.4681	5.2744	4.9605
Tb-155	2.1454	1.7460	2.6851	2.8316
Tb-156	5.2114	3.4688	8.6415	6.6316
Tb-156m	0.6046	0.3771	0.6590	0.5002
Tb-156n	0.0867	0.0939	0.2250	0.3556
Tb-157	0.1069	0.1114	0.2390	0.3590
Tb-158	2.3240	1.5934	3.5799	4.3708
Tb-160	2.5581	1.5710	4.2256	4.3947
Tb-161	0.6301	0.5272	0.8540	1.0585
Tb-162	3.3985	2.2707	5.0399	5.5122
Tb-163	3.1307	1.7752	5.4673	3.8392
Tb-164	5.7500	3.9969	8.8039	7.5276
Tb-165	1.2932	0.8590	2.2578	1.6656
Tc-101	1.6848	1.0024	3.0578	1.6095
Tc-102m	4.1061	2.7538	7.1014	5.0802
Tc-102	0.1924	0.1122	0.3651	0.2413
Tc-104	3.8555	2.3581	6.7070	5.1519
Tc-105	2.6879	1.8477	4.1122	3.1151
Tc-91	1.3991	1.0097	2.3953	2.0096
Tc-91m	1.0862	0.6356	2.3226	1.0926
Tc-92	6.0155	4.1655	9.5318	7.6124
Tc-93	1.8712	1.5197	3.0704	2.2819
Tc-93m	1.5248	0.8679	2.5017	2.5175
Tc-94	5.2907	3.5595	8.5023	10.4570
Tc-94m	1.9285	1.1892	3.3330	4.1373
Tc-95	1.9010	1.3667	3.1346	3.7659
Tc-95m	2.5502	1.7233	4.2732	3.4353
Tc-96	5.0970	3.1432	8.7670	10.9206

Nuclide	avg400	ctr400	mid400	cnr400
Tc-96m	0.2375	0.2216	0.4264	0.4664
Tc-97	0.2936	0.3294	0.5338	0.5736
Tc-97m	0.2366	0.2531	0.4261	0.4720
Tc-98	3.2723	2.6579	4.2875	4.6036
Tc-99	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.3365	1.0113	1.6605	1.0958
Te-113	1.7471	1.1409	2.8908	2.9107
Te-114	2.6321	1.9699	3.8804	3.9503
Te-115	2.6727	1.9005	4.0898	3.6887
Te-115m	3.0188	2.0990	4.8424	4.8076
Te-116	1.2832	1.1723	1.3983	2.1925
Te-117	2.1754	1.6648	3.1880	3.5939
Te-118	0.4549	0.4317	0.5071	0.8635
Te-119	2.1370	1.9729	2.4180	2.5892
Te-119m	3.7293	2.4107	5.6497	4.9297
Te-121	2.1199	1.6601	3.3462	2.3236
Te-121m	1.7170	1.1355	2.5941	1.9038
Te-123	0.0088	0.0139	0.0469	0.0844
Te-123m	1.6024	0.9879	2.2725	1.3244
Te-125m	0.7941	0.7644	0.8798	1.3838
Te-127	0.0211	0.0107	0.0345	0.0309
Te-127m	0.2484	0.2402	0.2938	0.4681
Te-129	0.3050	0.2170	0.5269	0.5015
Te-129m	0.2481	0.2281	0.3006	0.4340
Te-131	1.8889	1.1825	2.8699	1.9252
Te-131m	3.3516	2.1427	5.3546	5.6930
Te-132	2.0782	1.5515	2.6540	2.3048
Te-133	2.7218	1.5935	4.7514	3.7432
Te-133m	3.9039	2.5516	6.2159	6.5738
Te-134	3.3712	2.2164	5.2357	4.1519
Th-223	0.9699	0.8879	1.3156	1.6450
Th-224	0.2006	0.1240	0.3238	0.2082
Th-226	0.1094	0.1087	0.1734	0.2263
Th-227	1.1032	0.9295	1.8498	1.8771
Th-228	0.0600	0.0689	0.1382	0.1763
Th-229	1.3038	1.2412	2.1333	2.6302
Th-230	1.0607	1.1027	0.9998	1.0010
Th-231	0.5206	0.5905	1.0863	1.4853
Th-232	1.2203	1.2450	1.3328	1.4293
Th-233	0.2379	0.2116	0.4445	0.5296
Th-234	0.1617	0.1583	0.2419	0.3115
Th-235	0.1635	0.1112	0.2503	0.2541
Th-236	0.2296	0.1982	0.3339	0.3748

Nuclide	avg400	ctr400	mid400	cnr400
Ti-44	1.9459	1.6359	2.0100	1.4238
Ti-45	0.0080	0.0084	0.0238	0.0360
Ti-51	1.6439	0.8859	3.1655	1.7315
Ti-52	1.4958	1.4364	1.6328	1.7581
Tl-190	2.2727	1.4215	3.4754	3.3056
Tl-190m	6.0272	4.2556	8.8691	8.0692
Tl-194	2.2929	1.5624	3.4475	3.1560
Tl-194m	7.5154	5.5625	10.9419	10.1652
Tl-195	2.7502	2.1337	4.4620	4.2603
Tl-196	3.7667	2.6133	5.9113	5.1920
Tl-197	2.0249	1.5648	2.9828	2.6920
Tl-198	4.1063	2.8080	6.3682	5.8511
Tl-198m	4.7578	3.6436	6.8875	5.8824
Tl-199	1.8963	1.4513	2.8169	2.4298
Tl-200	3.7697	2.4700	5.9770	5.2609
Tl-201	1.2618	1.0906	1.8093	1.7597
Tl-202	2.3877	1.5315	3.9506	3.2816
Tl-204	0.0186	0.0171	0.0271	0.0295
Tl-206m	7.9516	5.3004	12.3259	10.6409
Tl-206	0.0010	0.0009	0.0014	0.0014
Tl-207	0.0043	0.0025	0.0073	0.0098
Tl-208	3.6795	2.5697	6.3361	4.4900
Tl-209	4.5567	3.5779	6.9918	5.2706
Tl-210	4.9468	3.0957	8.5861	8.1419
Tm-161	4.0719	2.9575	5.6506	4.8888
Tm-162	2.5702	1.7942	3.9562	3.9054
Tm-163	3.7632	2.6767	5.3956	4.7317
Tm-164	0.9260	0.6627	1.3347	1.2962
Tm-165	2.9790	2.0268	4.2805	3.6726
Tm-166	3.8799	2.6319	6.0740	5.4446
Tm-167	1.5865	1.0394	2.3893	1.8765
Tm-168	4.4810	2.8105	7.1491	6.5159
Tm-170	0.0627	0.0534	0.0933	0.1134
Tm-171	0.0099	0.0075	0.0136	0.0142
Tm-172	0.7660	0.5833	1.2323	1.0964
Tm-173	1.6621	0.8042	2.5361	2.7286
Tm-174	6.3369	3.7553	10.1717	9.0698
Tm-175	2.7888	1.6754	5.1301	3.9376
Tm-176	4.3700	2.6480	7.2183	6.1790
U-227	1.1189	0.9673	1.5235	1.7625
U-228	0.0833	0.0886	0.1610	0.2061
U-230	0.0633	0.0767	0.1552	0.1971
U-231	1.4032	1.4466	2.2415	3.2293

Nuclide	avg400	ctr400	mid400	cnr400
U-232	0.0526	0.0679	0.1400	0.1851
U-233	0.0275	0.0353	0.0750	0.1009
U-234	0.8767	0.9159	0.8578	0.7676
U-235	1.4772	1.5051	1.5045	1.6612
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0421	0.0551	0.1148	0.1528
U-237	1.7548	1.5076	2.5217	2.9119
U-238	1.1107	1.1672	1.1726	1.3262
U-239	0.6314	0.5527	0.7436	0.6231
U-240	0.1854	0.2126	0.4126	0.5600
U-242	0.2690	0.2065	0.3608	0.2509
V-47	0.0106	0.0084	0.0200	0.0190
V-48	3.3874	2.0404	5.7934	6.1744
V-49	0.0227	0.0375	0.1311	0.2363
V-50	1.5605	1.3784	2.4409	2.0774
V-52	1.5766	1.2379	2.5056	1.7071
V-53	1.6729	0.9477	2.8219	3.7096
W-177	4.4911	3.2856	6.5202	6.5867
W-178	0.2646	0.2413	0.5037	0.6700
W-179	0.9005	0.7790	1.3524	1.6206
W-179m	0.6945	0.5585	1.0123	1.0334
W-181	0.6268	0.5151	0.9009	0.9961
W-185m	0.3989	0.4026	1.0080	1.4317
W-185	0.0007	0.0006	0.0008	0.0009
W-187	1.6066	1.2166	2.3959	1.8786
W-188	0.0133	0.0095	0.0207	0.0160
W-190	1.8484	1.3375	2.6433	2.0867
Xe-120	2.1918	1.7088	2.9582	3.1075
Xe-121	1.9915	1.4497	2.9377	2.7236
Xe-122	0.7579	0.6307	0.9482	1.0967
Xe-123	1.9196	1.3454	2.7064	2.1621
Xe-125	2.2515	1.6132	3.0951	2.5323
Xe-127	2.4570	1.5549	3.7317	2.5809
Xe-127m	1.9264	1.5800	2.3050	1.9467
Xe-129m	0.9808	0.9263	1.1110	1.4189
Xe-131m	0.4023	0.3811	0.4590	0.6021
Xe-133	0.7637	0.6960	0.7813	0.7897
Xe-133m	0.5394	0.4842	0.6242	0.7420
Xe-135	1.5446	1.2512	1.6837	1.7077
Xe-135m	1.4099	0.9066	2.8093	1.2892
Xe-137	0.5722	0.2973	1.1001	0.7329
Xe-138	1.9423	1.3040	3.0978	2.6886
Y-81	1.5635	1.3400	1.9600	1.9734

Nuclide	avg400	ctr400	mid400	cnr400
Y-83	1.0030	0.7688	1.7381	1.6918
Y-83m	1.3777	0.9826	2.0100	1.7208
Y-84m	5.2372	3.2452	8.7003	10.4093
Y-85	1.2307	0.7269	2.7146	1.4377
Y-85m	1.2439	0.9012	2.0902	1.7805
Y-86	5.2570	3.5874	8.5837	8.4568
Y-86m	1.5890	0.9128	2.6278	1.4270
Y-87	1.6795	1.0390	3.7263	2.0558
Y-87m	1.3326	0.6764	2.1498	2.0904
Y-88	3.1645	2.2300	5.6424	5.9801
Y-89m	1.6013	0.9052	2.7379	3.7202
Y-90	0.0000	0.0000	0.0001	0.0001
Y-90m	3.1225	1.6595	6.0148	2.9518
Y-91	0.0042	0.0024	0.0073	0.0060
Y-91m	1.5825	1.1442	2.7987	1.3854
Y-92	0.4288	0.2610	0.7366	0.7901
Y-93	0.2097	0.1492	0.3061	0.2826
Y-94	1.2597	0.7416	2.1528	2.6051
Y-95	0.9248	0.5871	1.6427	1.5502
Yb-162	2.1951	1.5591	2.9365	2.3816
Yb-163	1.5383	1.0794	2.3410	2.3944
Yb-164	0.7312	0.5048	0.9521	0.9081
Yb-165	1.9901	1.4909	2.8299	2.9262
Yb-166	1.3746	0.9789	1.7291	1.6537
Yb-167	3.3316	2.5425	4.2695	4.5446
Yb-169	3.8736	2.6621	5.3100	4.2869
Yb-175	0.2233	0.1383	0.3144	0.3176
Yb-177	0.7324	0.4791	1.0515	0.8518
Yb-178	0.1760	0.0902	0.2890	0.2705
Yb-179	3.0465	2.3593	4.3707	3.0608
Zn-60	1.7197	1.3875	2.2134	1.9580
Zn-61	0.7117	0.4649	1.3032	0.9208
Zn-62	1.3543	1.1119	2.4951	2.1077
Zn-63	0.2807	0.2115	0.4297	0.5089
Zn-65	0.9027	0.5967	1.8575	2.3255
Zn-69	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.5679	0.7752	2.8677	2.2031
Zn-71	0.8623	0.5067	1.6856	1.0788
Zn-71m	4.9415	3.1400	8.1666	5.9033
Zn-72	1.6267	1.2395	2.6004	2.2891
Zr-85	1.4678	0.7989	2.6219	2.0791
Zr-86	2.2232	1.9596	2.9943	2.9173
Zr-87	0.1563	0.1233	0.2859	0.2751

Nuclide	avg400	ctr400	mid400	cnr400
Zr-88	1.8408	1.0547	2.9469	3.2030
Zr-89	1.7962	1.1492	3.1436	4.1542
Zr-89m	1.6013	1.3405	2.3324	1.4168
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.5711	1.1092	2.3608	2.7897
Zr-97	1.8678	1.2884	2.9112	3.1674

Table 10: Composite 2 - 15 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.3074	0.2842	0.3391	0.4042	0.2698	0.2124	0.2650	0.3572
Ac-224	2.7602	2.6560	2.6480	3.1494	2.6025	2.0990	2.3433	2.9208
Ac-225	0.4090	0.3799	0.4646	0.5570	0.3575	0.2793	0.3530	0.4899
Ac-226	1.2744	1.2345	1.2672	1.4075	1.2800	1.0426	1.0890	1.6847
Ac-227	0.0941	0.0854	0.1173	0.1480	0.0778	0.0569	0.0802	0.1234
Ac-228	2.2102	2.0796	2.1710	2.2111	2.2784	1.7965	1.9968	2.8310
Ac-230	1.0071	0.9405	1.0245	1.0117	1.0182	0.8334	0.9198	1.3098
Ac-231	2.9752	2.8575	2.8083	2.9546	2.9905	2.5195	2.6370	3.0471
Ac-232	1.5396	1.4315	1.5419	1.5225	1.6201	1.2758	1.4503	2.2603
Ac-233	1.8496	1.7150	1.8928	1.5447	1.8354	1.6139	1.6580	1.8795
Ag-100m	2.6726	2.4989	2.5798	2.2191	2.9751	2.2841	2.5413	3.8990
Ag-101	2.3050	2.2178	2.1894	2.1713	2.4991	2.0274	2.0954	2.6334
Ag-102m	1.8175	1.6837	1.7477	1.6086	1.9337	1.5969	1.7640	2.4724
Ag-102	4.3338	4.0621	4.2005	3.7018	4.6726	3.7508	4.0562	5.7078
Ag-103	2.3731	2.4123	2.3353	2.6781	2.5725	2.0306	2.0893	2.7410
Ag-104	5.3408	5.0798	5.1530	4.9047	5.8225	4.5613	4.9438	6.7995
Ag-104m	2.3316	2.2020	2.3432	2.1327	2.4672	2.0460	2.1837	2.6745
Ag-105	2.8378	2.7979	2.7739	3.1160	3.0446	2.4910	2.6432	2.5173
Ag-105m	0.0385	0.0351	0.0456	0.0590	0.0320	0.0230	0.0330	0.0518
Ag-106	0.6201	0.6222	0.6507	0.7715	0.6646	0.5433	0.5691	0.5196
Ag-106m	6.7302	6.3921	6.5476	6.1054	7.1500	5.8255	6.1446	7.8760
Ag-108	0.0567	0.0558	0.0601	0.0624	0.0635	0.0489	0.0533	0.0601
Ag-108m	5.0274	4.7944	5.0829	4.6310	5.3922	4.3323	4.6320	5.5841
Ag-109m	0.3945	0.4229	0.4276	0.6543	0.4282	0.3339	0.3669	0.2901
Ag-110	0.0699	0.0657	0.0723	0.0575	0.0791	0.0594	0.0664	0.0935
Ag-110m	4.6970	4.3957	4.4584	3.8170	5.2396	3.9519	4.3913	6.8264
Ag-111	0.1330	0.1268	0.1233	0.1121	0.1370	0.1204	0.1215	0.1191
Ag-111m	0.2275	0.2405	0.2509	0.3736	0.2459	0.1905	0.2112	0.1826
Ag-112	1.0928	1.0186	1.0942	0.8821	1.2075	0.9428	1.0425	1.5123
Ag-113m	0.9715	0.9332	0.9362	0.8802	1.0103	0.8590	0.8889	0.9552
Ag-113	0.2881	0.2757	0.2653	0.2463	0.3062	0.2595	0.2656	0.2873
Ag-114	0.5109	0.4747	0.5098	0.4109	0.5364	0.4483	0.4746	0.6162
Ag-115	0.9871	0.9311	0.9005	0.8650	1.0450	0.8665	0.8867	1.2067
Ag-116	2.9648	2.7258	2.8448	2.4142	3.0796	2.6074	2.8367	3.7732
Ag-117	1.9398	1.8552	1.8219	1.7340	2.0347	1.6973	1.8028	2.6446
Ag-99	2.8025	2.6647	2.5657	2.4793	3.0564	2.4653	2.5598	3.5712
Al-26	1.3922	1.2823	1.2333	1.2024	1.4949	1.2419	1.3567	2.3095
Al-28	1.3513	1.2468	1.1961	1.1694	1.4505	1.2069	1.3100	2.2357
Al-29	1.3732	1.3067	1.2408	1.1355	1.5307	1.1850	1.2988	2.2804
Am-237	3.0823	3.0340	3.1354	3.5133	3.0887	2.5295	2.7548	3.1565
Am-238	2.9966	2.9139	3.0217	3.3149	3.0804	2.4010	2.7190	3.6306
Am-239	3.3751	3.3563	3.5417	4.2763	3.3200	2.6423	2.9966	3.5455

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-240	3.2413	3.1371	3.2615	3.7197	3.3508	2.5460	2.9359	4.1088
Am-241	0.6697	0.7035	0.6449	0.6298	0.7348	0.7799	0.6931	0.6434
Am-242	0.5110	0.5115	0.5912	0.7725	0.5033	0.3844	0.4589	0.5313
Am-242m	0.3533	0.3465	0.4388	0.5920	0.3414	0.2521	0.3157	0.3848
Am-243	1.1484	1.0644	0.9811	1.3455	0.9846	0.7921	1.0605	0.8897
Am-244	3.0166	2.9404	3.2089	3.6398	3.2042	2.3997	2.7496	3.9382
Am-244m	0.1975	0.1965	0.2345	0.3136	0.1995	0.1480	0.1781	0.2139
Am-245	0.3741	0.3752	0.3838	0.4547	0.3789	0.3033	0.3247	0.3838
Am-246	4.0824	3.9984	4.3738	5.0530	4.2946	3.2594	3.6469	5.0349
Am-246m	1.8719	1.7808	1.7870	1.8647	2.0303	1.5242	1.7145	2.6450
Am-247	1.3729	1.3732	1.3810	1.5973	1.3893	1.1231	1.2036	1.3678
Ar-37	0.0407	0.0363	0.0499	0.0653	0.0317	0.0219	0.0342	0.0590
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.3412	1.2852	1.2142	1.1126	1.4997	1.1566	1.2432	2.2218
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.7433	1.6145	1.5712	1.4397	1.9006	1.4891	1.6663	2.6549
Ar-44	2.5143	2.3718	2.2654	2.2503	2.6818	2.1974	2.2768	3.9721
As-68	3.3762	3.1388	3.0933	2.7888	3.7330	2.8590	3.1979	5.1593
As-69	0.5308	0.5047	0.5006	0.5303	0.5380	0.4353	0.4635	0.6939
As-70	4.4689	4.1719	4.1054	3.7505	4.9025	3.7787	4.1709	6.7472
As-71	2.0257	1.9377	2.0885	2.2769	2.0003	1.5723	1.7119	3.2419
As-72	1.5287	1.4205	1.4185	1.3154	1.6668	1.2426	1.4223	2.2818
As-73	1.5571	1.3899	1.8652	2.4234	1.2423	0.8633	1.3431	2.1704
As-74	1.4409	1.3338	1.5494	1.3401	1.4948	1.1651	1.3254	1.8204
As-76	1.0277	0.9579	1.0395	0.8203	1.0815	0.8987	0.9453	1.2015
As-77	0.0471	0.0449	0.0433	0.0426	0.0490	0.0417	0.0403	0.0513
As-78	2.0456	1.9124	1.9998	1.6542	2.2540	1.7580	1.9328	2.8767
As-79	0.1007	0.0941	0.0960	0.0802	0.1032	0.0883	0.0908	0.1081
At-204	6.9612	6.4766	6.8431	6.0501	6.9939	5.8107	6.2880	7.6208
At-205	3.1915	2.9728	3.0105	3.1796	3.0870	2.4421	2.8734	3.7091
At-206	6.9349	6.4555	6.6469	6.0883	6.9669	5.7514	6.2454	7.7851
At-207	5.0086	4.6606	4.6839	4.7800	4.9697	3.9518	4.5561	6.0252
At-208	7.5532	7.0602	7.2223	6.9942	7.8209	6.0442	6.8844	9.9785
At-209	7.2429	6.7416	6.7958	6.8351	7.1917	5.7306	6.4874	8.5479
At-210	5.7416	5.3998	5.2218	5.5766	5.8129	4.6448	5.1109	7.4579
At-211	0.7332	0.6754	0.6749	0.8976	0.5950	0.4766	0.6330	0.6673
At-215	0.0008	0.0007	0.0008	0.0007	0.0008	0.0007	0.0007	0.0007
At-216	0.0378	0.0352	0.0339	0.0433	0.0322	0.0261	0.0330	0.0339
At-217	0.0016	0.0015	0.0015	0.0016	0.0016	0.0013	0.0014	0.0016
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.3342	2.2181	2.1619	2.0964	2.4231	2.0568	2.0421	2.4021
Au-186	3.6088	3.3466	3.2415	3.3956	3.5980	2.9107	3.2577	4.1819

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Au-187	3.0335	2.7574	2.7718	3.0957	2.8463	2.2708	2.8319	3.4541
Au-190	4.4225	4.0623	3.9672	4.0767	4.4092	3.6541	4.2768	4.9628
Au-191	3.8606	3.5352	3.5683	3.8436	3.6098	2.9580	3.5550	3.8969
Au-192	4.1211	3.7890	3.6812	3.8474	4.0626	3.3596	3.9700	4.5540
Au-193	2.3724	2.1407	2.0843	2.5815	2.0835	1.6681	2.2121	2.2678
Au-193m	1.8026	1.6765	1.7158	1.9285	1.7383	1.4222	1.5680	1.9380
Au-194	3.3429	3.0767	2.9913	3.1931	3.2218	2.6602	3.1626	3.4308
Au-195	2.0585	1.8366	1.8803	2.4499	1.7150	1.3338	1.9369	1.9706
Au-195m	1.8257	1.6966	1.7377	1.9484	1.7551	1.4378	1.5969	1.9411
Au-196	3.2124	2.9565	2.9180	3.0124	3.0133	2.5763	2.9946	2.8120
Au-196m	3.7181	3.4474	3.6208	4.3307	3.3425	2.6170	3.2484	4.6449
Au-198	1.6741	1.5578	1.6348	1.3142	1.6273	1.4842	1.4679	1.5283
Au-198m	5.4004	5.0627	4.8586	5.7418	5.1491	4.1595	4.7302	5.9490
Au-199	1.0906	1.0583	1.0864	1.1907	1.0711	0.8534	0.9415	1.7994
Au-200	0.5567	0.5261	0.5181	0.4575	0.5793	0.4860	0.5077	0.6603
Au-200m	7.7263	7.2782	7.4175	6.6781	7.9367	6.6713	6.8876	8.7251
Au-201	0.1955	0.1799	0.2029	0.2070	0.1829	0.1483	0.1739	0.2257
Au-202	0.3795	0.3546	0.3600	0.3072	0.3893	0.3295	0.3413	0.4460
Ba-124	1.8169	1.8125	1.8258	2.1639	2.0296	1.4623	1.7945	2.2069
Ba-126	2.3450	2.3018	2.2960	2.5892	2.6105	1.9370	2.2703	2.6615
Ba-127	0.9802	0.9917	0.9946	1.2564	1.0911	0.7641	0.9870	1.1434
Ba-128	1.0117	1.0398	1.0721	1.4348	1.1742	0.7851	1.0825	1.0148
Ba-129	1.0993	1.1143	1.1319	1.4646	1.2411	0.8520	1.1155	1.1746
Ba-129m	4.6854	4.5099	4.5510	4.6783	5.0379	3.8990	4.3599	5.8355
Ba-131	3.1156	3.0715	3.1249	3.4002	3.3030	2.5660	2.9310	3.0540
Ba-131m	1.2297	1.2647	1.2404	1.5831	1.3095	0.9266	1.2138	1.2584
Ba-133	3.2989	3.2511	3.2174	3.7870	3.4803	2.6639	3.2583	3.0037
Ba-133m	0.9625	0.9577	1.0183	1.3108	1.0680	0.7198	0.9978	1.0323
Ba-135m	0.8075	0.8175	0.8406	1.0950	0.9367	0.6218	0.8621	0.8367
Ba-137m	1.3955	1.3126	1.4440	1.1642	1.5830	1.1728	1.3420	1.8760
Ba-139	0.3877	0.3937	0.3968	0.4103	0.4249	0.3312	0.3414	0.7380
Ba-140	1.0146	0.9688	1.0717	1.0838	1.0227	0.8269	0.9325	1.1672
Ba-141	2.9072	2.7630	2.6892	2.5611	3.0823	2.5363	2.6241	3.4180
Ba-142	2.4864	2.3657	2.2579	2.2708	2.6824	2.0919	2.2897	3.1398
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1983	0.1840	0.1979	0.1570	0.1934	0.1776	0.1754	0.1830
Bi-197	3.6283	3.3582	3.2934	3.5659	3.5549	2.7679	3.2917	4.5142
Bi-200	7.8807	7.3200	7.3396	7.0549	7.7217	6.5087	6.9985	8.3845
Bi-201	3.6706	3.3909	3.3006	3.5995	3.5875	2.8107	3.3471	4.6243
Bi-202	6.9477	6.4505	6.4773	6.2182	7.0216	5.6318	6.3024	8.3202
Bi-203	4.5298	4.1877	4.0758	4.3389	4.5063	3.5439	4.1588	5.8533
Bi-204	6.8520	6.3583	6.2132	6.2499	6.9275	5.4824	6.2312	8.4772
Bi-205	3.4885	3.2117	3.2097	3.4236	3.4129	2.6950	3.2020	4.3587

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Bi-206	8.2423	7.6460	7.6095	7.4795	8.2823	6.6509	7.4917	9.9981
Bi-207	4.1958	3.8763	3.9596	3.9282	4.1432	3.3099	3.8158	4.9256
Bi-208	2.2842	1.9870	2.0552	2.2554	2.1723	1.7836	2.4420	3.2154
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5486	1.4731	1.4032	1.4140	1.5924	1.3522	1.3921	1.4989
Bi-211	0.2557	0.2401	0.2373	0.2233	0.2501	0.2194	0.2339	0.2231
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2937	0.2674	0.3056	0.3167	0.2866	0.2163	0.2649	0.4014
Bi-213	0.5578	0.5186	0.5433	0.4684	0.5344	0.4811	0.4903	0.5156
Bi-214	1.9543	1.8217	1.8611	1.6156	2.1315	1.6807	1.8520	2.8293
Bi-215	1.1393	1.0775	1.0392	1.0764	1.1341	0.9484	1.0271	1.1409
Bi-216	2.6251	2.4403	2.6428	2.1098	2.6331	2.3060	2.3560	2.6433
Bk-245	2.8873	2.9191	2.9689	3.5337	2.8986	2.3109	2.5066	2.9176
Bk-246	3.1505	3.0895	3.2263	3.6861	3.2801	2.4847	2.8351	3.8488
Bk-247	1.4935	1.4670	1.3720	1.6553	1.4454	1.1913	1.3135	1.3868
Bk-248m	0.6608	0.6660	0.7228	0.8792	0.6612	0.5196	0.5847	0.6693
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.5795	1.4968	1.4664	1.5617	1.7295	1.2839	1.4476	2.2936
Bk-251	1.4766	1.5123	1.6015	1.9554	1.4743	1.1526	1.2610	1.6126
Br-72	2.8653	2.6665	2.6134	2.3946	3.0819	2.4093	2.6682	4.1330
Br-73	1.6770	1.5435	1.5015	1.4982	1.6591	1.3359	1.5747	1.7696
Br-74	3.1140	2.8326	2.9824	2.6042	3.4079	2.6998	3.0665	4.7535
Br-74m	3.9303	3.6342	3.8506	3.2379	4.3469	3.3573	3.7859	5.7914
Br-75	2.2171	2.1089	2.0978	2.0082	2.2839	1.9339	1.9823	2.3035
Br-76	3.1902	2.9248	3.1625	2.7813	3.3052	2.6978	3.0086	4.2769
Br-76m	1.4045	1.2207	1.5107	1.7247	1.2459	0.9124	1.3494	1.4852
Br-77	1.9201	1.7563	1.9924	2.0343	1.8119	1.4825	1.6553	2.2117
Br-77m	0.6406	0.5697	0.7245	0.8368	0.5229	0.3973	0.5375	0.7578
Br-78	0.2632	0.2420	0.2838	0.2419	0.2742	0.2110	0.2426	0.3372
Br-80	0.1670	0.1530	0.1812	0.1593	0.1721	0.1307	0.1531	0.2176
Br-80m	1.2809	1.1190	1.4628	1.6986	1.1078	0.7960	1.1728	1.4665
Br-82m	0.5056	0.4251	0.6053	0.6979	0.3839	0.2817	0.4144	0.6320
Br-82	5.0198	4.6961	4.8235	4.0567	5.4810	4.2747	4.6525	6.8436
Br-83	0.0242	0.0225	0.0246	0.0194	0.0243	0.0215	0.0218	0.0243
Br-84m	4.5632	4.2679	4.2216	3.7087	4.8061	3.9552	4.1392	5.9942
Br-84	1.5722	1.4392	1.4010	1.2984	1.7231	1.3470	1.5314	2.5039
Br-85	0.1056	0.0987	0.0944	0.0869	0.1166	0.0881	0.0978	0.1582
C-10	1.4755	1.3794	1.4380	1.1780	1.6562	1.2366	1.3886	2.0918
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0726	0.0649	0.0890	0.1165	0.0566	0.0392	0.0610	0.1054
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2323	1.1743	1.1272	1.0161	1.3585	1.0637	1.1372	1.9311

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ca-49	1.3136	1.1447	1.1818	1.0780	1.4436	1.1925	1.3779	2.3937
Cd-101	2.8191	2.7514	2.6618	2.8871	3.0225	2.4282	2.6587	3.6472
Cd-102	2.8364	2.7672	2.8433	2.9483	2.9312	2.4851	2.5550	2.7159
Cd-103	2.4357	2.3680	2.3524	2.6310	2.6542	2.1218	2.3268	3.1340
Cd-104	1.9917	2.0265	1.9610	2.6654	2.0626	1.6295	1.8365	1.6698
Cd-105	1.7080	1.6760	1.6710	1.9057	1.8676	1.4905	1.6224	2.0699
Cd-107	1.1376	1.2337	1.2517	1.9286	1.2646	0.9847	1.0647	0.8139
Cd-109	1.0621	1.1516	1.1702	1.8098	1.1788	0.9172	0.9927	0.7545
Cd-111m	2.2191	2.2179	2.1186	2.3522	2.4019	1.9976	1.9024	2.5999
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0009	0.0009	0.0009	0.0012	0.0010	0.0008	0.0008	0.0008
Cd-115	0.7510	0.7041	0.7578	0.6331	0.7538	0.6696	0.6734	0.7285
Cd-115m	0.0491	0.0461	0.0441	0.0405	0.0539	0.0414	0.0451	0.0733
Cd-117	2.0234	1.9267	1.8511	1.7510	2.1562	1.7830	1.8454	2.5192
Cd-117m	2.3375	2.1701	2.1303	1.9431	2.5355	2.0160	2.2373	3.5107
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.4115	2.2788	2.1883	2.0746	2.5692	2.1293	2.2641	3.1301
Cd-119m	2.7131	2.5315	2.4685	2.2772	2.9466	2.3342	2.5807	4.0580
Ce-130	2.7650	2.7465	2.7221	3.0970	3.0093	2.2003	2.6514	3.0775
Ce-131	3.3739	3.2520	3.3238	3.3389	3.5910	2.8242	3.1520	4.1905
Ce-132	2.5596	2.5205	2.5133	2.8689	2.7967	2.0875	2.4084	3.4064
Ce-133	2.1786	2.1694	2.1750	2.7753	2.3454	1.6414	2.2891	2.1432
Ce-133m	4.8715	4.6522	4.7428	4.7662	5.1660	4.0433	4.7009	5.4915
Ce-134	0.8108	0.8160	0.8735	1.1766	0.9419	0.5850	0.9199	0.8348
Ce-135	3.5524	3.4146	3.4850	3.5330	3.8706	2.9903	3.4250	3.8670
Ce-137	0.9693	0.9594	1.0588	1.4019	1.0765	0.6840	1.0594	1.0372
Ce-137m	0.8059	0.7854	0.8246	1.0093	0.8959	0.6232	0.8539	0.8320
Ce-139	1.9844	2.0083	2.0744	2.3892	2.2177	1.5970	1.9264	3.1628
Ce-141	0.8502	0.8712	0.8658	0.9031	0.9051	0.6979	0.7448	1.3332
Ce-143	1.8220	1.7306	1.7424	1.8402	1.9517	1.5141	1.8382	1.7800
Ce-144	0.2656	0.2676	0.2592	0.2926	0.2737	0.2051	0.2397	0.2908
Ce-145	2.9258	2.7505	2.8309	2.8405	3.1535	2.3759	2.9140	3.3533
Cf-244	0.1251	0.1249	0.1551	0.2134	0.1249	0.0922	0.1129	0.1299
Cf-246	0.0860	0.0859	0.1064	0.1466	0.0859	0.0634	0.0776	0.0892
Cf-247	2.0737	2.1037	2.3124	2.9356	2.0513	1.5835	1.8102	2.1271
Cf-248	0.1032	0.1031	0.1275	0.1755	0.1032	0.0762	0.0932	0.1069
Cf-249	1.7620	1.6809	1.7648	1.6792	1.7529	1.5271	1.5689	1.6299
Cf-250	0.0943	0.0932	0.1119	0.1473	0.0953	0.0716	0.0855	0.1019
Cf-251	1.7024	1.7124	1.7838	2.1629	1.7128	1.3465	1.4768	1.9120
Cf-252	0.8040	0.7596	0.7759	0.7508	0.8504	0.6868	0.7465	1.0328
Cf-253	0.2807	0.2844	0.3502	0.4830	0.2812	0.2124	0.2563	0.2970
Cf-254	26.6911	25.0550	24.9630	22.6995	28.3821	23.1381	24.8597	34.9964
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.5098	1.4395	1.4124	1.3571	1.6198	1.3155	1.4345	2.6135
Cl-36	0.0006	0.0005	0.0007	0.0009	0.0004	0.0003	0.0005	0.0008
Cl-38	1.0117	0.9167	0.8909	0.8640	1.0791	0.9011	1.0359	1.6822
Cl-39	2.0260	1.9376	1.8140	1.7387	2.2295	1.7985	1.8230	2.9237
Cl-40	2.6494	2.4081	2.3852	2.2135	2.8771	2.3432	2.6798	4.4055
Cm-238	1.3235	1.3445	1.3921	1.7008	1.3013	1.0269	1.1678	1.3434
Cm-239	2.9070	2.8980	2.8957	3.3695	2.9412	2.3398	2.4812	3.5490
Cm-240	0.1398	0.1366	0.1759	0.2328	0.1346	0.1005	0.1247	0.1514
Cm-241	3.8168	3.7136	4.0523	4.3714	3.7283	3.0978	3.3630	3.8912
Cm-242	0.1255	0.1226	0.1579	0.2090	0.1208	0.0902	0.1119	0.1359
Cm-243	1.7319	1.7038	1.8169	2.1814	1.7065	1.3595	1.5305	1.8386
Cm-244	0.1078	0.1052	0.1356	0.1794	0.1037	0.0775	0.0961	0.1167
Cm-245	1.7345	1.7399	1.8491	2.2411	1.6987	1.3421	1.5375	1.9187
Cm-246	0.0916	0.0893	0.1134	0.1479	0.0888	0.0667	0.0819	0.1005
Cm-247	1.3638	1.2795	1.3287	1.0921	1.3395	1.2143	1.1958	1.2484
Cm-248	2.1612	2.0319	2.0476	1.9038	2.2903	1.8616	2.0096	2.8155
Cm-249	0.1832	0.1673	0.2128	0.2494	0.1606	0.1182	0.1588	0.2477
Cm-250	21.0665	19.7728	19.7014	17.9281	22.3930	18.2611	19.6236	27.6137
Cm-251	0.5034	0.4833	0.5178	0.4953	0.5073	0.4260	0.4477	0.5171
Co-54m	4.3543	4.0983	4.0187	3.5417	4.6120	3.7881	3.9443	5.8974
Co-55	2.0256	1.8902	1.8563	1.7191	2.1654	1.6939	1.8489	2.8662
Co-56	3.8001	3.5219	3.4673	3.3115	4.1244	3.1572	3.6123	6.0398
Co-57	1.8711	1.8702	1.9336	2.2276	1.7364	1.3327	1.4851	2.0622
Co-58	1.7389	1.6146	1.6455	1.6022	1.8520	1.3644	1.5932	2.5849
Co-58m	0.2912	0.2602	0.3569	0.4672	0.2271	0.1572	0.2447	0.4222
Co-60	2.7370	2.6069	2.4533	2.2749	3.0538	2.3417	2.5324	4.4784
Co-60m	0.3450	0.3081	0.4110	0.5360	0.2742	0.1915	0.2968	0.4839
Co-61	1.1238	0.9914	0.8278	1.0862	0.9777	0.7881	1.1396	0.8315
Co-62	1.6096	1.5063	1.4280	1.3329	1.7831	1.3731	1.5419	2.6297
Co-62m	2.8570	2.6900	2.5404	2.3748	3.1717	2.4379	2.6867	4.6551
Cr-48	2.9834	2.9503	2.7834	2.8755	3.0183	2.5291	2.6751	2.7866
Cr-49	1.2475	1.2292	1.1088	1.3030	1.2001	0.9784	1.1407	1.5422
Cr-51	0.3270	0.3023	0.3504	0.3999	0.2968	0.2363	0.2919	0.3766
Cr-55	0.0006	0.0006	0.0005	0.0005	0.0006	0.0005	0.0005	0.0009
Cr-56	1.7073	1.6837	1.5231	2.1668	1.5163	1.2571	1.5272	1.3433
Cs-121	1.1172	1.0971	1.0954	1.1114	1.1963	0.9580	1.0125	1.4745
Cs-121m	2.0925	2.0203	1.9884	2.0634	2.2215	1.7832	1.8743	2.5433
Cs-123	1.5864	1.5689	1.5765	1.7474	1.7075	1.3070	1.5479	1.7074
Cs-124	0.6493	0.6185	0.6196	0.5821	0.6768	0.5697	0.6113	0.6676
Cs-125	1.4820	1.4559	1.5249	1.6176	1.5874	1.2389	1.4373	1.5285
Cs-126	1.1141	1.0588	1.0918	1.0007	1.1418	0.9696	1.0255	1.1169
Cs-127	2.3305	2.2942	2.3763	2.5101	2.4521	1.9588	2.2077	2.2103

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cs-128	0.8214	0.7951	0.8388	0.8446	0.8566	0.7006	0.7802	0.8020
Cs-129	2.1329	2.1290	2.2155	2.5559	2.3116	1.7665	2.1274	1.9987
Cs-130m	1.5526	1.5647	1.5470	2.1630	1.6394	1.1145	1.5950	1.4998
Cs-130	0.5212	0.5393	0.5685	0.7561	0.5964	0.4092	0.5536	0.5196
Cs-131	0.7522	0.7965	0.8381	1.2045	0.8799	0.5733	0.8245	0.7242
Cs-132	2.2707	2.2165	2.3911	2.4088	2.5879	1.8625	2.2633	2.7822
Cs-134	3.4546	3.2265	3.3939	2.7649	3.7839	2.9354	3.2191	4.5781
Cs-134m	0.6334	0.6414	0.6898	0.9042	0.6600	0.4436	0.6072	0.6920
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.9327	2.7433	2.6513	2.3988	3.2657	2.4168	2.7304	4.3563
Cs-136	4.3120	4.0826	3.8957	3.6989	4.6961	3.6258	3.9849	5.9972
Cs-137	1.9498	1.9513	1.8481	1.8481	2.0934	2.1492	2.0174	1.9512
Cs-138m	1.3526	1.3200	1.3405	1.4976	1.4581	1.1102	1.2975	1.5697
Cs-138	2.9223	2.7215	2.6846	2.4295	3.1036	2.5437	2.7368	4.1188
Cs-139	0.2843	0.2645	0.2605	0.2356	0.3112	0.2475	0.2759	0.4500
Cs-140	1.9919	1.8335	1.9063	1.6251	2.1632	1.7309	1.9419	2.8827
Cu-57	0.1444	0.1353	0.1278	0.1196	0.1606	0.1210	0.1348	0.2296
Cu-59	0.7566	0.7126	0.7000	0.6231	0.8056	0.6540	0.6941	0.9993
Cu-60	2.7960	2.6130	2.5238	2.3644	3.0519	2.4214	2.6503	4.4996
Cu-61	0.7071	0.6578	0.7039	0.7116	0.7100	0.5595	0.6444	0.8594
Cu-62	0.0171	0.0156	0.0181	0.0209	0.0161	0.0117	0.0152	0.0260
Cu-64	0.1806	0.1617	0.2192	0.2848	0.1429	0.0995	0.1522	0.2632
Cu-66	0.1368	0.1277	0.1185	0.1136	0.1522	0.1130	0.1257	0.2138
Cu-67	1.0528	1.0210	0.9629	1.0982	1.0557	0.8527	0.8933	1.4178
Cu-69	0.8668	0.8091	0.7885	0.7112	0.9485	0.7282	0.7974	1.2535
Dy-148	2.3850	2.2127	2.4266	2.1583	2.6053	1.9604	2.4138	2.7504
Dy-149	3.5409	3.3143	3.3070	3.3540	3.8027	2.9019	3.5536	4.3656
Dy-150	1.6193	1.5001	1.5705	1.4368	1.6230	1.3708	1.5600	1.4595
Dy-151	3.6157	3.3707	3.4617	3.3454	3.7981	2.9964	3.4943	4.3279
Dy-152	2.3582	2.2328	2.1699	2.2841	2.5253	2.0356	2.2601	2.3389
Dy-153	4.1487	3.8787	3.8851	4.1018	4.3282	3.3678	4.1556	4.3316
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.8940	2.7034	2.6415	2.7890	3.0711	2.3978	2.7852	3.1922
Dy-157	2.5072	2.3549	2.3444	2.3502	2.6051	2.1293	2.5340	2.1988
Dy-159	1.0957	1.0015	1.0513	1.2111	1.1466	0.8289	1.2351	0.9792
Dy-165m	0.3328	0.3072	0.3578	0.4289	0.3060	0.2269	0.3152	0.3873
Dy-165	0.2042	0.1927	0.1912	0.2119	0.2115	0.1610	0.2123	0.1952
Dy-166	0.8755	0.8117	0.8199	1.0242	0.8625	0.6291	0.9244	0.7904
Dy-167	2.3310	2.2039	2.2312	2.0608	2.4625	2.0280	2.1822	2.4280
Dy-168	2.1373	1.9994	2.0614	1.9748	2.1839	1.7896	1.9803	2.2988
Er-154	1.2921	1.2387	1.3060	1.6663	1.3440	0.9781	1.3936	1.1750
Er-156	1.6985	1.5823	1.7432	2.1666	1.7135	1.1957	1.7958	1.7615
Er-159	2.8202	2.6341	2.7313	2.6436	3.0416	2.3126	2.8039	3.3417

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Er-161	2.9301	2.7293	2.6924	2.8052	3.1446	2.3393	2.9104	3.5617
Er-163	0.8915	0.8213	0.8397	1.0093	0.9406	0.6631	1.0176	0.7853
Er-165	0.8628	0.7945	0.8146	0.9807	0.9084	0.6400	0.9832	0.7633
Er-167m	0.8871	0.8235	0.7840	0.9183	0.9087	0.7072	0.7928	0.9512
Er-169	0.0084	0.0075	0.0103	0.0135	0.0066	0.0045	0.0071	0.0122
Er-171	2.5659	2.4705	2.3593	2.4453	2.6572	2.1724	2.4569	2.3315
Er-172	2.3913	2.2223	2.3245	2.1725	2.4655	1.9713	2.3452	2.3807
Er-173	3.6462	3.4639	3.2255	3.5478	3.8156	2.9176	3.2909	4.2902
Es-249	2.7318	2.7259	2.7995	3.0826	2.7526	2.2348	2.3799	2.7863
Es-250	7.6472	7.6387	8.0843	9.5880	7.8481	6.1222	6.7963	8.3414
Es-250m	2.2731	2.2849	2.3218	2.7135	2.3487	1.8108	1.9916	2.6326
Es-251	1.8681	1.9095	2.0759	2.5796	1.8534	1.4438	1.6088	1.9830
Es-253	0.0349	0.0347	0.0429	0.0579	0.0344	0.0258	0.0315	0.0371
Es-254	1.2406	1.2126	1.5360	2.0622	1.1811	0.8806	1.1128	1.3871
Es-254m	1.4766	1.4241	1.5918	1.5708	1.6150	1.2243	1.3812	1.8414
Es-255	0.0011	0.0010	0.0010	0.0009	0.0012	0.0009	0.0010	0.0014
Es-256	0.1723	0.1779	0.2121	0.2985	0.1771	0.1352	0.1581	0.1704
Eu-142	0.3587	0.3307	0.3316	0.3116	0.3887	0.3000	0.3533	0.5105
Eu-142m	5.3226	4.9517	5.0591	4.4516	5.7216	4.4610	4.9223	7.1337
Eu-143	0.6264	0.5772	0.5831	0.5916	0.6616	0.5163	0.6311	0.8101
Eu-144	0.2827	0.2585	0.2620	0.2665	0.2975	0.2361	0.2868	0.3756
Eu-145	2.6405	2.4300	2.4763	2.4001	2.8255	2.1630	2.6114	3.4149
Eu-146	4.8887	4.5358	4.7760	4.1594	5.3588	4.0819	4.7440	6.5073
Eu-147	2.4792	2.3090	2.3404	2.4193	2.5741	1.9811	2.4016	2.6953
Eu-148	6.1493	5.7057	6.1582	5.1588	6.5084	5.2540	5.8235	7.1652
Eu-149	1.1778	1.0713	1.1778	1.2816	1.1817	0.9121	1.2283	1.1321
Eu-150	5.7676	5.3772	5.5944	4.8764	5.9275	5.0041	5.4330	5.8472
Eu-150m	0.2276	0.2103	0.2187	0.2081	0.2319	0.1915	0.2248	0.2172
Eu-152	3.2224	3.0387	3.0058	2.9440	3.3860	2.6673	3.0498	3.7768
Eu-152m	0.8682	0.8109	0.8065	0.8053	0.9197	0.6988	0.8386	1.0545
Eu-152n	1.3319	1.2701	1.2371	1.5825	1.2054	0.9544	1.2471	1.2782
Eu-154	2.6704	2.5621	2.4740	2.3888	2.8702	2.1924	2.4317	3.4897
Eu-154m	1.5654	1.4559	1.4975	1.8811	1.4635	1.1058	1.5622	1.5424
Eu-155	0.9378	0.9069	0.8406	1.0379	0.8931	0.7078	0.9061	0.8397
Eu-156	1.6644	1.5523	1.5212	1.4601	1.7976	1.3887	1.6039	2.4321
Eu-157	2.0659	1.8872	1.9591	1.9791	2.0445	1.6518	2.0658	1.9188
Eu-158	2.2202	2.0647	1.9951	1.9773	2.3822	1.7992	2.0956	3.1459
Eu-159	2.0722	1.9174	1.9148	2.1214	2.1020	1.5997	2.1313	2.0785
F-17	0.0005	0.0005	0.0004	0.0004	0.0006	0.0004	0.0005	0.0008
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.5032	1.5052	1.5266	1.5597	1.5914	1.2736	1.2580	2.8957
Fe-53	0.7123	0.6675	0.6836	0.5660	0.7063	0.6370	0.6373	0.6520
Fe-53m	4.1000	3.8393	3.7742	3.3617	4.5668	3.4615	3.8559	6.2812

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fe-55	0.2413	0.2156	0.2958	0.3872	0.1881	0.1301	0.2027	0.3501
Fe-59	1.4506	1.3767	1.2894	1.2105	1.6151	1.2274	1.3328	2.3298
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.9896	1.8846	1.7722	1.6787	2.1780	1.7026	1.8357	2.8818
Fe-62	1.9563	1.8138	1.9672	1.5597	1.9168	1.7505	1.7397	1.8377
Fm-251	1.8089	1.8432	1.9341	2.3244	1.7967	1.4083	1.5412	1.9201
Fm-252	0.0895	0.0914	0.1106	0.1546	0.0915	0.0688	0.0816	0.0901
Fm-253	1.5340	1.5715	1.7598	2.2677	1.5379	1.1918	1.3427	1.6039
Fm-254	0.1012	0.1024	0.1218	0.1653	0.1039	0.0788	0.0925	0.1052
Fm-255	0.9768	0.9769	1.2244	1.6620	0.9588	0.7246	0.8827	1.0545
Fm-256	19.8593	18.6497	18.5939	16.9073	21.1312	17.2102	18.4888	26.0440
Fm-257	1.9173	1.9448	2.0556	2.5427	1.9409	1.5212	1.6619	2.0509
Fr-212	3.2662	3.0893	3.0759	3.3897	3.2135	2.5522	2.8640	4.0040
Fr-219	0.0189	0.0179	0.0182	0.0170	0.0185	0.0162	0.0169	0.0187
Fr-220	0.2423	0.2231	0.2545	0.3136	0.2049	0.1603	0.2087	0.2719
Fr-221	0.2403	0.2256	0.2120	0.2428	0.2382	0.1954	0.2000	0.2547
Fr-222	1.4813	1.4000	1.4315	1.6559	1.4531	1.1641	1.2416	1.6638
Fr-223	0.9935	0.9321	1.0040	1.2338	0.9729	0.7245	0.9852	0.9523
Fr-224	1.6745	1.5973	1.5699	1.6655	1.7122	1.3646	1.4400	2.0805
Fr-227	2.6502	2.5142	2.5424	2.7200	2.5342	2.0904	2.4067	2.7266
Ga-64	2.0575	1.8866	1.8198	1.7187	2.2566	1.7565	1.9953	3.3323
Ga-65	1.5402	1.5059	1.4844	1.6592	1.5091	1.1673	1.3587	1.8190
Ga-66	1.5760	1.4191	1.4721	1.4865	1.6471	1.2846	1.5550	2.5623
Ga-67	1.8826	1.7792	1.9097	2.2871	1.7247	1.3653	1.6431	2.2786
Ga-68	0.1104	0.1009	0.1173	0.1373	0.1031	0.0747	0.0970	0.1666
Ga-70	0.0159	0.0150	0.0150	0.0157	0.0167	0.0126	0.0141	0.0254
Ga-72	3.2409	2.9827	2.9543	2.6498	3.5579	2.7438	3.1692	4.9325
Ga-73	2.4868	2.3241	2.5001	2.7051	2.4088	1.9555	2.2607	2.7007
Ga-74	3.7217	3.4154	3.5822	3.0212	4.0079	3.2415	3.6598	5.2475
Gd-142	1.4948	1.3966	1.4223	1.3732	1.5794	1.2613	1.4412	1.7950
Gd-143m	3.9810	3.7387	3.7115	3.5835	4.2537	3.4042	3.7902	4.6289
Gd-144	0.9863	0.8976	0.9357	0.9363	1.0312	0.8113	1.0399	1.1189
Gd-145m	1.6730	1.5626	1.6671	1.5231	1.8016	1.3591	1.5797	2.2157
Gd-145	2.2709	2.0737	2.0681	2.0624	2.4190	1.9290	2.3051	3.2475
Gd-146	3.8471	3.7143	3.7530	4.0323	3.9488	3.0535	3.7691	4.2936
Gd-147	4.7965	4.4690	4.4651	4.2496	5.0528	4.0621	4.4991	5.4115
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.3445	3.1760	3.2405	3.1849	3.4971	2.8030	3.2336	3.9057
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.3423	1.2377	1.3435	1.4948	1.3619	1.0341	1.3812	1.4372
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.0177	1.8915	1.9265	2.1706	2.0409	1.5758	2.1267	1.8789
Gd-159	0.4340	0.4020	0.4096	0.4159	0.4450	0.3567	0.4458	0.3817

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Gd-162	1.8245	1.6962	1.8051	1.4923	1.7758	1.6035	1.6159	1.6952
Ge-66	2.7806	2.5924	2.7901	2.9150	2.6937	2.1931	2.5329	3.0632
Ge-67	1.6455	1.6291	1.6269	1.6015	1.7721	1.4113	1.4205	3.0721
Ge-68	0.5924	0.5289	0.7259	0.9490	0.4617	0.3195	0.4975	0.8581
Ge-69	1.5437	1.4274	1.5587	1.6284	1.5460	1.1663	1.3867	2.2418
Ge-71	0.6009	0.5364	0.7362	0.9625	0.4683	0.3241	0.5046	0.8704
Ge-75	0.2039	0.1956	0.1826	0.1800	0.2179	0.1859	0.1770	0.2093
Ge-77	3.5608	3.3572	3.2693	3.0438	3.7576	3.1282	3.1263	4.0451
Ge-78	1.5640	1.5054	1.4091	1.3589	1.6702	1.4380	1.3963	1.5202
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.7476	1.6386	1.5820	1.6747	1.7744	1.4437	1.7497	1.5637
Hf-169	2.9217	2.6886	2.7897	2.6838	2.8474	2.4054	2.8100	2.6319
Hf-170	3.3227	3.1157	3.1915	3.4528	3.3273	2.5656	3.2401	3.7469
Hf-172	2.4999	2.3209	2.3746	3.0426	2.3683	1.7574	2.5250	2.3301
Hf-173	3.7787	3.6648	3.4628	3.8239	3.7877	2.9643	3.5202	3.6353
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.6762	2.4808	2.4451	2.5785	2.6630	2.1659	2.6798	2.3343
Hf-177m	14.9948	14.1648	13.6851	14.1119	15.2630	12.6013	13.7689	15.1248
Hf-178m	11.7396	10.9874	11.0291	10.6579	11.6801	9.9303	10.5773	11.5328
Hf-179m	6.3451	5.9762	5.9850	6.0742	6.2688	5.1987	5.7998	6.6288
Hf-180m	5.9114	5.5071	5.4361	5.3769	5.8655	4.9829	5.4430	5.5317
Hf-181	3.0394	2.8846	2.9589	2.7761	2.9546	2.5279	2.6935	3.0221
Hf-182	1.5964	1.5313	1.4494	1.4758	1.6758	1.4077	1.4374	1.6898
Hf-182m	4.8398	4.5195	4.4923	4.6102	4.8270	3.9326	4.5307	5.0713
Hf-183	2.5504	2.3529	2.2722	2.2765	2.5434	2.0305	2.3984	2.8139
Hf-184	2.7787	2.6211	2.8394	3.2031	2.6141	2.0436	2.4836	3.3911
Hg-190	3.0593	2.8917	2.8822	3.4362	2.7650	2.1764	2.6934	3.6396
Hg-191m	5.7575	5.3320	5.3258	5.5253	5.6252	4.6253	5.2130	6.1804
Hg-192	3.2339	2.9777	2.9441	3.5186	2.9384	2.3764	2.9421	3.2421
Hg-193	3.3176	3.0258	3.0015	3.4372	3.0868	2.4517	3.0330	3.7049
Hg-193m	3.4001	3.1202	3.1386	3.2361	3.2503	2.6619	3.1158	3.6730
Hg-194	0.3337	0.2930	0.4073	0.5136	0.2582	0.1823	0.2782	0.4626
Hg-195	2.0412	1.8248	1.8781	2.3480	1.7505	1.3590	1.8853	2.0750
Hg-195m	2.3518	2.1302	2.3469	2.7837	2.0751	1.6377	2.0872	2.5616
Hg-197	1.8212	1.6256	1.6526	2.1959	1.4791	1.1557	1.6620	1.7056
Hg-197m	1.6898	1.5809	1.6665	2.0160	1.4777	1.1479	1.4478	1.8756
Hg-199m	2.2247	2.1016	2.1695	2.4716	2.0513	1.6472	1.9711	3.0615
Hg-203	1.5102	1.4390	1.3573	1.3843	1.5517	1.3237	1.3534	1.4427
Hg-205	0.0445	0.0410	0.0374	0.0445	0.0434	0.0350	0.0371	0.0466
Hg-206	0.7212	0.6807	0.6553	0.6651	0.7188	0.6099	0.6691	0.6530
Hg-207	4.0514	3.7704	3.6303	3.5245	4.2023	3.4477	3.7738	5.2267
Ho-150	2.2291	2.0789	2.0947	1.8468	2.4599	1.8475	2.1107	3.0809
Ho-153	2.5481	2.4032	2.3538	2.3384	2.6926	2.1613	2.4854	2.6200

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-153m	2.8939	2.7492	2.7628	2.7441	3.0215	2.4203	2.7627	3.2192
Ho-154m	7.2592	6.7934	6.9783	6.0059	7.3915	6.3646	6.7050	7.1983
Ho-154	3.5158	3.3044	3.3043	2.9876	3.6824	3.0564	3.3297	3.7717
Ho-155	2.3303	2.1863	2.2008	2.3536	2.4230	1.8856	2.3055	2.4675
Ho-156	4.4078	4.2098	4.1048	4.0674	4.7028	3.7246	4.1380	5.4335
Ho-157	3.5079	3.2859	3.2845	3.4998	3.6632	2.8464	3.5382	3.5612
Ho-159	3.6723	3.5245	3.4415	3.7913	3.8199	2.9170	3.6142	3.6807
Ho-160	4.5524	4.2363	4.2477	4.1777	4.9089	3.6707	4.4296	5.7365
Ho-161	1.4636	1.3942	1.4655	1.8201	1.4993	1.1207	1.5544	1.3386
Ho-162	1.2500	1.1521	1.1812	1.3991	1.2813	0.9301	1.3575	1.1816
Ho-162m	2.5651	2.3953	2.4213	2.7053	2.6593	1.9970	2.5390	3.0261
Ho-163	0.0097	0.0087	0.0119	0.0155	0.0075	0.0052	0.0081	0.0140
Ho-164	0.6876	0.6324	0.6549	0.7841	0.7059	0.5075	0.7610	0.6229
Ho-164m	1.3624	1.2463	1.3774	1.7009	1.3431	0.9455	1.4507	1.3887
Ho-166	0.2845	0.2632	0.2688	0.3480	0.2631	0.1939	0.2795	0.2852
Ho-166m	5.2290	4.9282	4.8944	4.6991	5.5585	4.3531	4.7864	6.7312
Ho-167	2.0419	1.9278	1.8931	1.8028	2.0782	1.7750	1.9238	1.8181
Ho-168	2.0187	1.8850	1.8743	1.7971	2.1689	1.6281	1.8899	2.7605
Ho-168m	0.2833	0.2570	0.3067	0.3873	0.2601	0.1819	0.2810	0.3297
Ho-170	4.4491	4.2005	4.0230	4.1170	4.7564	3.6478	4.1285	5.8496
I-118m	6.4154	6.0385	6.4353	5.3056	7.0294	5.5084	5.9962	8.3661
I-118	2.2359	2.0995	2.2548	1.8524	2.4320	1.9315	2.0973	2.8551
I-119	2.0773	2.0438	1.9753	2.1348	2.2609	1.8588	1.8814	2.1467
I-120	2.7563	2.5795	2.7147	2.4366	2.9417	2.4064	2.6500	3.5724
I-120m	5.7496	5.3937	5.8103	4.8056	6.2025	4.9828	5.3938	7.1969
I-121	2.2449	2.2062	2.1286	2.5577	2.3995	1.9074	2.0104	2.2945
I-122	0.5566	0.5421	0.5815	0.5821	0.5972	0.4778	0.5312	0.6028
I-123	2.0948	2.1987	2.2730	2.6408	2.3083	1.7985	1.9339	3.4187
I-124	2.0845	2.0265	2.1619	2.1563	2.2909	1.7805	2.0136	2.5087
I-125	1.4959	1.6014	1.6771	2.3985	1.6720	1.2284	1.5409	1.3101
I-126	1.5974	1.5489	1.6357	1.5857	1.7043	1.3742	1.5027	1.6964
I-128	0.3078	0.2939	0.3115	0.2860	0.3093	0.2711	0.2793	0.2850
I-129	0.7953	0.8304	0.8743	1.2265	0.9221	0.6102	0.8741	0.7564
I-130m	0.5326	0.5177	0.5665	0.5998	0.5547	0.4413	0.5073	0.5514
I-130	5.3752	5.0159	5.3539	4.2847	5.7392	4.6394	4.9529	6.5413
I-131	1.7268	1.7357	1.6121	1.6189	1.8386	1.8737	1.7553	1.7314
I-132	4.4588	4.1703	4.3308	3.5910	4.9293	3.7779	4.1693	6.1466
I-132m	1.2928	1.2620	1.3439	1.4206	1.4080	1.0578	1.2246	1.6176
I-133	1.8938	1.7618	1.8988	1.5170	1.9235	1.6724	1.7095	1.9959
I-134m	2.2215	2.2165	2.1732	2.5372	2.4480	1.9244	2.1386	2.1630
I-134	4.5273	4.2374	4.1590	3.7201	4.9608	3.8014	4.1792	6.4754
I-135	1.9093	1.7972	1.7271	1.5939	2.0843	1.6471	1.7729	2.8852
In-103	3.0871	2.9089	2.8378	2.7445	3.3423	2.6402	2.8165	4.3950

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-105	2.7656	2.7011	2.6457	2.6421	2.9647	2.3578	2.4700	3.4414
In-106	5.4025	5.0671	5.1845	4.5216	5.9528	4.5706	5.0144	7.3833
In-106m	2.4027	2.2351	2.3855	2.0205	2.6717	2.0783	2.3346	3.4569
In-107	2.6462	2.5416	2.4785	2.6838	2.8055	2.3029	2.4081	3.0496
In-108	6.8930	6.5542	6.5330	6.1724	7.6225	5.8972	6.3916	9.3260
In-108m	2.5398	2.3961	2.5325	2.3637	2.8127	2.2168	2.4626	3.5534
In-109	2.6174	2.5584	2.4649	2.9117	2.7812	2.2408	2.3038	2.7506
In-109m	1.4182	1.3332	1.4819	1.1612	1.6021	1.2079	1.3497	1.8870
In-110	6.4701	6.1523	6.2801	5.8644	7.1867	5.4570	6.0412	8.7035
In-110m	1.9266	1.8372	1.9865	1.7839	2.1574	1.6510	1.8463	2.4981
In-111	3.5189	3.5439	3.4334	3.9275	3.8117	3.1384	3.0337	4.5207
In-111m	1.6925	1.5864	1.7304	1.4244	1.7150	1.5013	1.5302	1.6957
In-112	0.3479	0.3640	0.3817	0.5007	0.3819	0.3050	0.3264	0.3051
In-112m	0.7592	0.8153	0.8423	1.1303	0.8123	0.6744	0.6936	0.8294
In-113m	1.3167	1.2685	1.3162	1.2368	1.3125	1.1784	1.1714	1.1459
In-114	0.0068	0.0069	0.0070	0.0087	0.0074	0.0059	0.0063	0.0071
In-114m	0.7073	0.7199	0.7274	0.9195	0.7470	0.6130	0.6323	0.7233
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.0950	1.0878	1.0837	1.1812	1.1358	0.9873	1.0209	0.9012
In-116m	3.0857	2.9129	2.8050	2.5533	3.3532	2.6567	2.8543	4.6272
In-117	3.0891	3.0183	3.2173	2.8061	3.2592	2.7280	2.7390	4.6794
In-117m	0.7440	0.7568	0.7563	0.8304	0.7914	0.6674	0.6810	0.9188
In-118m	3.8792	3.6553	3.5634	3.1848	4.3109	3.2827	3.5980	5.8982
In-118	0.0956	0.0908	0.0875	0.0786	0.1054	0.0821	0.0884	0.1482
In-119	1.6816	1.5957	1.6110	1.5178	1.8580	1.3977	1.5666	2.3310
In-119m	0.1997	0.2000	0.2010	0.2417	0.2122	0.1711	0.1844	0.2209
In-121	1.6012	1.4966	1.4220	1.3271	1.7770	1.3318	1.4734	2.3569
In-121m	0.6623	0.6616	0.6437	0.8652	0.6709	0.5532	0.6649	0.5236
Ir-180	3.9750	3.7307	3.7035	3.7273	4.0140	3.1912	3.6280	4.5187
Ir-182	3.7526	3.5313	3.4318	3.6249	3.7224	2.9843	3.3853	4.1142
Ir-183	3.9690	3.6030	3.5812	3.9841	3.7559	3.0110	3.7704	4.3219
Ir-184	5.8179	5.4078	5.3182	5.4942	5.7790	4.6777	5.3494	6.5309
Ir-185	3.6654	3.3118	3.3933	3.9988	3.3657	2.6510	3.4834	4.1075
Ir-186	5.6629	5.2719	5.2392	5.3223	5.5956	4.5557	5.2558	6.2956
Ir-186m	3.2089	2.9601	2.9460	3.0561	3.2084	2.4917	3.0324	3.9552
Ir-187	2.5501	2.2750	2.3161	2.7268	2.2884	1.7992	2.4463	2.5985
Ir-188	4.0068	3.6666	3.6944	3.8432	3.9652	3.1775	3.8839	5.3314
Ir-189	1.7431	1.5387	1.5813	2.0191	1.4948	1.1572	1.6834	1.6948
Ir-190	6.6251	6.1155	6.3167	5.9291	6.5566	5.4680	6.0560	7.0797
Ir-190m	0.3311	0.2944	0.4052	0.5258	0.2575	0.1789	0.2775	0.4754
Ir-190n	1.3871	1.2226	1.2270	1.5772	1.1891	0.9178	1.3648	1.2928
Ir-191m	1.6938	1.5473	1.6217	2.0194	1.4503	1.1122	1.5240	1.7504
Ir-192	3.8730	3.6538	3.6352	3.2751	3.9400	3.4328	3.5847	3.5316

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-192m	0.3718	0.3273	0.4530	0.5769	0.2876	0.2016	0.3103	0.5215
Ir-192n	0.7804	0.6869	0.9471	1.2049	0.6043	0.4247	0.6526	1.0895
Ir-193m	0.3328	0.2956	0.4043	0.5238	0.2591	0.1807	0.2799	0.4726
Ir-194	0.3363	0.3190	0.3106	0.2839	0.3497	0.2980	0.3146	0.3273
Ir-194m	8.4735	7.9351	8.3125	6.9717	8.6678	7.4111	7.7699	8.6005
Ir-195	1.3266	1.1929	1.2163	1.5739	1.1223	0.8736	1.2422	1.2850
Ir-195m	2.3791	2.2004	2.2294	2.3303	2.2613	1.8786	2.1740	2.3915
Ir-196	0.7015	0.6580	0.6553	0.5761	0.7212	0.6101	0.6433	0.7478
Ir-196m	9.1337	8.5192	9.0211	7.5466	9.1675	7.9286	8.2543	9.2433
K-38	1.3837	1.2280	1.2161	1.1636	1.4674	1.2336	1.5009	2.3374
K-40	0.1475	0.1392	0.1333	0.1300	0.1598	0.1277	0.1363	0.2399
K-42	0.2480	0.2333	0.2201	0.2145	0.2688	0.2190	0.2301	0.3983
K-43	3.1112	2.9146	3.0976	2.4626	3.2587	2.7387	2.8459	3.3262
K-44	2.1106	1.9469	1.8828	1.7501	2.3140	1.8195	2.0678	3.4099
K-45	2.4460	2.3287	2.2526	2.2147	2.6273	2.1360	2.2440	4.1484
K-46	2.0301	1.8919	1.8334	1.6928	2.2429	1.7863	1.9522	3.4428
Kr-74	2.1674	2.0503	2.0021	2.2244	2.0814	1.6924	1.8883	2.2806
Kr-75	1.8218	1.8417	1.8085	1.8637	1.8434	1.4535	1.4771	2.5593
Kr-76	2.9121	2.6875	2.9121	2.8984	2.8142	2.3410	2.6181	2.9685
Kr-77	1.9106	1.9556	1.8823	1.9429	1.9104	1.5109	1.5030	2.4176
Kr-79	1.2734	1.1429	1.3538	1.3846	1.1636	0.9370	1.0893	1.4600
Kr-81	0.6081	0.5110	0.7289	0.8408	0.4601	0.3383	0.4970	0.7582
Kr-81m	1.1422	1.0642	1.0525	1.1516	1.1424	0.9161	0.9272	1.5190
Kr-83m	0.2701	0.2300	0.3268	0.3858	0.2062	0.1504	0.2223	0.3454
Kr-85	0.0084	0.0078	0.0084	0.0067	0.0083	0.0075	0.0075	0.0080
Kr-85m	1.3251	1.3486	1.3555	1.3182	1.3985	1.1356	1.1178	2.3230
Kr-87	1.2839	1.1798	1.2126	1.0125	1.2998	1.1340	1.2060	1.4893
Kr-88	1.9989	1.8180	1.7859	1.7618	2.1044	1.7130	1.9723	3.0157
Kr-89	2.5644	2.3799	2.3721	2.1372	2.7429	2.2310	2.3817	3.5010
La-128	5.0379	4.7607	4.7950	4.3010	5.3607	4.4084	4.6418	5.8553
La-129	1.9593	1.9234	1.9140	2.0432	2.1165	1.6476	1.8741	2.0385
La-130	3.6663	3.4571	3.5158	3.1546	3.8593	3.1805	3.4276	4.1435
La-131	2.5433	2.5005	2.5346	2.7468	2.7332	2.0998	2.4772	2.5708
La-132	3.4350	3.2330	3.3909	3.1118	3.6002	2.9511	3.2602	3.9288
La-132m	2.7309	2.6712	2.7206	2.7435	2.8953	2.2426	2.5118	3.1690
La-133	1.0425	1.0458	1.1300	1.4815	1.1838	0.7558	1.1229	1.1417
La-134	0.4040	0.4068	0.4336	0.5445	0.4738	0.3045	0.4426	0.4519
La-135	0.8197	0.8454	0.8970	1.2505	0.9803	0.5876	0.9374	0.8508
La-136	0.5555	0.5709	0.6014	0.8315	0.6653	0.3996	0.6315	0.5996
La-137	0.7600	0.7869	0.8358	1.1849	0.9146	0.5383	0.8769	0.7919
La-138	1.7987	1.7321	1.7017	1.8000	2.0202	1.4787	1.7585	2.6270
La-140	3.2840	3.0658	3.0330	2.7511	3.4454	2.8846	3.0322	4.3114
La-141	0.0259	0.0245	0.0233	0.0217	0.0286	0.0225	0.0242	0.0424

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-142	2.1849	1.9903	2.0498	1.7902	2.3911	1.8949	2.2080	3.3656
La-143	0.3171	0.2944	0.2977	0.2602	0.3469	0.2732	0.3042	0.4704
Lu-165	3.4676	3.2707	3.2050	3.4505	3.5515	2.7561	3.3832	3.7182
Lu-167	3.9790	3.7308	3.7124	4.0063	4.1469	3.2236	3.9144	4.7195
Lu-169m	0.2433	0.2173	0.2981	0.3900	0.1896	0.1312	0.2043	0.3527
Lu-169	3.5408	3.2913	3.2022	3.5077	3.6946	2.7872	3.5147	4.3021
Lu-170	3.5420	3.2595	3.1911	3.3943	3.7161	2.8537	3.5837	4.7648
Lu-171m	0.2611	0.2333	0.3174	0.4152	0.2045	0.1419	0.2207	0.3743
Lu-171	3.3254	3.0774	3.1893	3.6468	3.3991	2.4667	3.3698	3.6853
Lu-172	5.0437	4.6965	4.5944	4.8282	5.2734	4.0018	4.8447	6.3798
Lu-172m	0.2187	0.1954	0.2681	0.3507	0.1705	0.1180	0.1837	0.3171
Lu-173	2.5762	2.3822	2.3129	2.8125	2.5921	1.9258	2.7290	2.3365
Lu-174	1.2837	1.1720	1.1828	1.4859	1.2619	0.9046	1.3772	1.2216
Lu-174m	1.6089	1.4469	1.5699	1.9888	1.4851	1.0739	1.6478	1.6465
Lu-176	3.4705	3.2532	3.0855	3.3535	3.4897	2.8771	3.1393	3.3966
Lu-176m	0.3553	0.3262	0.3443	0.4499	0.3103	0.2335	0.3377	0.3690
Lu-177	0.3490	0.3305	0.3102	0.3626	0.3457	0.2735	0.3077	0.3603
Lu-177m	7.5366	7.1232	6.8657	7.2697	7.5667	6.1925	6.8593	7.8337
Lu-178	0.3468	0.3245	0.3258	0.3806	0.3369	0.2588	0.3288	0.4304
Lu-178m	6.6120	6.2160	6.0149	6.1546	6.4996	5.5207	6.0270	6.1449
Lu-179	0.2028	0.1906	0.1719	0.1903	0.2106	0.1713	0.1698	0.2181
Lu-180	3.2850	3.0865	3.0079	2.9361	3.3938	2.7501	2.9994	4.0615
Lu-181	2.6121	2.4306	2.5329	2.5857	2.6481	2.0636	2.4492	3.0206
Mg-27	1.4816	1.3827	1.3110	1.2136	1.6470	1.2206	1.3685	2.2504
Mg-28	2.5881	2.5196	2.4800	2.5925	2.8731	2.1761	2.4976	3.3318
Mn-50m	4.7523	4.4708	4.3127	3.9199	5.2828	4.0162	4.4218	7.4039
Mn-51	0.0133	0.0122	0.0140	0.0154	0.0129	0.0095	0.0120	0.0198
Mn-52	4.4185	4.1393	4.0475	3.7544	4.8546	3.6863	4.0894	6.7659
Mn-52m	1.3513	1.2797	1.2113	1.1511	1.4795	1.1814	1.2515	2.1901
Mn-53	0.1965	0.1756	0.2409	0.3153	0.1532	0.1060	0.1651	0.2851
Mn-54	1.6777	1.5585	1.5668	1.5176	1.8003	1.3266	1.5386	2.5050
Mn-56	2.0608	1.9086	1.8338	1.7004	2.2660	1.7394	1.9620	3.1981
Mn-57	0.7192	0.6837	0.7879	0.8864	0.6632	0.5072	0.6063	0.8810
Mn-58m	3.3250	3.1166	3.0350	2.7189	3.6221	2.8354	3.0886	4.8976
Mo-101	2.6436	2.4765	2.4935	2.3211	2.8001	2.2470	2.4100	3.5506
Mo-102	0.1423	0.1402	0.1315	0.1393	0.1504	0.1222	0.1173	0.1931
Mo-89	0.3196	0.3007	0.3068	0.2798	0.3544	0.2716	0.3047	0.4759
Mo-90	3.4500	3.4664	3.5198	3.8378	3.6398	2.9949	2.9755	3.6568
Mo-91m	1.3646	1.2886	1.3443	1.1604	1.5239	1.1711	1.2845	1.9991
Mo-91	0.0470	0.0484	0.0602	0.0751	0.0510	0.0413	0.0450	0.0568
Mo-93	0.5311	0.5688	0.7567	0.9913	0.5773	0.4642	0.5017	0.5541
Mo-93m	3.8903	3.7055	3.7304	3.4685	4.2960	3.4017	3.5889	5.3042
Mo-99	0.4584	0.4438	0.4444	0.4308	0.5013	0.3851	0.4124	0.6435

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.9335	0.8150	0.9379	0.7776	1.0069	0.9067	1.0712	1.9033
Na-22	1.3529	1.2983	1.2268	1.1182	1.5165	1.1645	1.2541	2.2449
Na-24	2.6955	2.4373	2.3915	2.2337	2.9265	2.3699	2.8038	4.5536
Nb-87	2.1195	2.0528	2.0244	2.3196	2.1822	1.7689	1.7358	2.4141
Nb-88m	5.4889	5.1340	5.1246	4.5013	5.8850	4.7126	5.0283	7.3521
Nb-88	6.8040	6.4063	6.4675	5.9726	7.2205	5.7867	6.2019	8.7359
Nb-89	0.5834	0.5491	0.5975	0.6134	0.6226	0.5092	0.5692	0.8735
Nb-89m	1.8166	1.6977	1.8680	1.5570	1.8034	1.6132	1.6258	1.7992
Nb-90	4.3037	4.0975	4.1361	4.1365	4.5922	3.6774	4.1476	6.7134
Nb-91	0.5315	0.5516	0.7789	0.9561	0.5428	0.4528	0.4924	0.5990
Nb-91m	0.4860	0.5158	0.6745	0.8708	0.5264	0.4223	0.4577	0.5259
Nb-92	3.7239	3.5202	3.8215	3.5171	3.9630	3.1760	3.4203	4.7141
Nb-92m	2.0286	1.9455	2.0877	2.1927	2.2058	1.6840	1.8726	2.8872
Nb-93m	0.1084	0.1137	0.1517	0.1987	0.1136	0.0902	0.1010	0.1186
Nb-94m	0.3725	0.3969	0.5254	0.6855	0.4035	0.3234	0.3513	0.3941
Nb-94	2.9200	2.7270	2.7413	2.3557	3.2653	2.4298	2.7286	4.2500
Nb-95	1.4806	1.3842	1.3785	1.1902	1.6526	1.2290	1.3829	2.1615
Nb-95m	0.7524	0.7592	0.8503	1.0235	0.8111	0.6663	0.6666	0.7999
Nb-96	4.9151	4.5987	4.6282	3.9780	5.3113	4.1852	4.5125	6.5788
Nb-97	1.4700	1.3747	1.5171	1.1656	1.6617	1.2475	1.3970	2.0013
Nb-98m	4.5672	4.2790	4.2416	3.7381	5.0471	3.8579	4.2690	6.6665
Nb-99	2.0723	2.1706	2.1147	2.4280	2.1476	1.7060	1.7621	2.5291
Nb-99m	0.9913	0.9293	0.9351	0.8946	1.0519	0.8650	0.9602	1.3183
Nd-134	2.5898	2.5366	2.5642	2.7171	2.7806	2.1570	2.4478	3.5645
Nd-135	3.2529	3.0534	3.1018	3.1659	3.3694	2.7102	3.0327	3.4241
Nd-136	2.2901	2.2080	2.3041	2.5749	2.4219	1.7949	2.3336	2.4085
Nd-137	2.8854	2.7209	2.7704	2.8889	3.0623	2.3388	2.8607	3.2312
Nd-138	0.9349	0.8935	0.9589	1.1539	1.0188	0.7090	1.0257	0.9092
Nd-139	1.0043	0.9538	1.0109	1.1102	1.0834	0.7923	1.0439	1.0702
Nd-139m	4.2602	4.0593	4.0644	4.1048	4.6390	3.4466	4.1266	5.3547
Nd-140	0.8356	0.7984	0.8668	1.0607	0.9144	0.6234	0.9315	0.8163
Nd-141	0.8587	0.8208	0.8867	1.0776	0.9408	0.6439	0.9522	0.8560
Nd-141m	1.4265	1.3337	1.3463	1.1729	1.5904	1.1809	1.3467	2.0357
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.2052	1.1351	1.1517	1.2331	1.2025	0.9639	1.1947	1.1261
Nd-149	2.2497	2.1459	2.0967	2.1073	2.3360	1.9090	2.0351	2.3965
Nd-151	2.5915	2.5086	2.4183	2.3739	2.7311	2.1709	2.3332	3.1659
Nd-152	1.0385	0.9969	0.9886	1.0034	1.0981	0.9217	0.9378	1.0656
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Ne-24	1.9989	1.8561	1.9793	1.5826	1.9656	1.7818	1.7713	1.9126
Ni-56	5.1727	4.9743	5.0898	4.7715	5.4987	4.3704	4.6095	8.0708
Ni-57	1.7697	1.6867	1.6589	1.6751	1.8603	1.4608	1.5983	2.7212

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ni-59	0.3407	0.3044	0.4176	0.5467	0.2656	0.1838	0.2862	0.4943
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6348	0.5984	0.5686	0.5332	0.6902	0.5505	0.5854	0.9632
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.6346	4.4532	4.5538	4.8498	4.7414	3.7745	4.2379	5.3628
Np-233	1.4085	1.3954	1.4619	1.7746	1.3413	1.0769	1.2740	1.4596
Np-234	2.5413	2.4509	2.5663	2.8894	2.5501	2.0263	2.3128	3.2361
Np-235	0.4912	0.4598	0.6204	0.7817	0.4366	0.3283	0.4269	0.5808
Np-236	3.0552	3.0164	3.4549	4.1830	2.9579	2.3185	2.7098	3.8505
Np-236m	0.7908	0.7814	0.8404	1.0266	0.7534	0.5986	0.7146	0.8323
Np-237	1.0970	1.0583	1.2668	1.6178	1.0234	0.7784	0.9917	1.1778
Np-238	1.2778	1.2098	1.2686	1.4094	1.3567	1.0082	1.1624	1.7762
Np-239	2.2644	2.2415	2.3343	2.7815	2.2384	1.7928	2.0142	2.3597
Np-240	3.9067	3.7524	4.0585	4.2973	4.0328	3.1729	3.5211	4.7710
Np-240m	1.1614	1.1013	1.2525	1.2575	1.1938	0.9560	1.0560	1.3368
Np-241	0.5503	0.5515	0.5829	0.6984	0.5409	0.4292	0.4883	0.6082
Np-242	0.4003	0.3768	0.3891	0.3833	0.4334	0.3323	0.3741	0.5837
Np-242m	3.2254	3.1148	3.3528	3.7242	3.3916	2.5775	2.9164	4.3535
O-14	1.3778	1.1985	1.1996	1.1424	1.4491	1.2203	1.5756	2.3176
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.1338	2.0113	1.8240	1.9340	2.2642	1.8110	1.8090	2.8539
Os-180	1.9454	1.7506	1.8181	2.3228	1.7468	1.3259	1.8983	1.8876
Os-181	4.7247	4.3445	4.2053	4.6397	4.6738	3.6576	4.4489	5.4535
Os-182	3.3609	3.0822	3.1778	3.4070	3.1681	2.5997	3.1151	3.5727
Os-183	4.5591	4.1708	4.1345	4.4820	4.2610	3.4976	4.3337	4.3645
Os-183m	2.5905	2.3577	2.2789	2.5369	2.5588	1.9466	2.4922	3.1904
Os-185	2.6254	2.3863	2.5056	2.4983	2.6423	2.0005	2.5628	3.0322
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.3179	0.2830	0.3891	0.5062	0.2473	0.1716	0.2666	0.4577
Os-190m	6.7111	6.2583	6.6495	5.9242	6.7531	5.6993	6.0200	7.3982
Os-191	1.8028	1.6494	1.7054	2.1208	1.5501	1.1928	1.6272	1.8336
Os-191m	0.4420	0.3907	0.4875	0.6327	0.3539	0.2562	0.3938	0.5545
Os-193	0.6094	0.5600	0.5769	0.6439	0.5529	0.4514	0.5542	0.6237
Os-194	0.3315	0.2940	0.3888	0.4868	0.2727	0.1938	0.2940	0.4358
Os-196	0.6070	0.5620	0.5488	0.5910	0.5710	0.4698	0.5519	0.5672
P-30	0.0010	0.0009	0.0009	0.0009	0.0011	0.0009	0.0011	0.0018
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5877	0.5498	0.6295	0.7765	0.5205	0.4098	0.5319	0.6109
Pa-228	4.8506	4.5947	4.8656	5.1971	4.7858	3.8380	4.3556	5.7290
Pa-229	1.2557	1.2144	1.3063	1.6141	1.1378	0.9114	1.1203	1.2982
Pa-230	2.7258	2.5869	2.7505	3.0103	2.6611	2.1170	2.4481	3.1877
Pa-231	1.0524	0.9874	1.2518	1.5152	0.9521	0.7424	0.9303	1.1971

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pa-232	2.6813	2.5373	2.6962	2.7161	2.7727	2.1785	2.4083	3.4971
Pa-233	2.0435	1.9719	2.1045	2.3507	1.9931	1.6472	1.8616	2.0138
Pa-234	4.8458	4.6425	4.8730	5.1403	4.9871	3.8905	4.3463	6.1137
Pa-234m	0.0391	0.0371	0.0382	0.0408	0.0407	0.0311	0.0357	0.0522
Pa-235	0.1150	0.1027	0.1409	0.1842	0.0896	0.0621	0.0966	0.1665
Pa-236	1.8356	1.7281	1.9015	1.8448	1.9398	1.5078	1.7111	2.4473
Pa-237	1.4431	1.3442	1.3851	1.2440	1.5163	1.2025	1.3160	1.8673
Pb-194	3.9326	3.6212	3.5662	3.9313	3.7147	3.0031	3.5432	4.2632
Pb-195m	5.9537	5.4923	5.6698	5.5578	5.7247	4.7412	5.3529	6.3236
Pb-196	3.6337	3.3517	3.3051	3.7014	3.3381	2.7815	3.2335	3.4980
Pb-197	3.8450	3.5476	3.4979	3.6250	3.7063	3.0314	3.5173	4.3401
Pb-197m	5.0747	4.6825	4.7562	4.8595	4.8236	4.0005	4.5300	5.2607
Pb-198	3.3900	3.1467	3.0933	3.4855	3.1363	2.5869	3.0437	3.3983
Pb-199	3.2051	2.9573	2.9057	3.1235	3.0304	2.4866	2.9271	3.4119
Pb-200	2.8552	2.6669	2.6546	3.2054	2.5354	2.0320	2.5103	3.1533
Pb-201	3.6894	3.4231	3.3482	3.5841	3.5042	2.8954	3.3895	3.5937
Pb-201m	1.3484	1.2443	1.3430	1.2907	1.3477	1.0349	1.2490	1.5555
Pb-202	0.3216	0.2831	0.3922	0.4991	0.2487	0.1745	0.2683	0.4511
Pb-202m	4.9834	4.6266	4.7100	4.1879	5.1487	4.1656	4.5041	6.0735
Pb-203	2.8823	2.6773	2.5759	2.9823	2.6769	2.2214	2.5929	2.6665
Pb-204m	4.4475	4.1501	4.0315	3.6706	4.7166	3.7366	4.0567	5.7228
Pb-205	0.3255	0.2865	0.3969	0.5052	0.2517	0.1766	0.2716	0.4565
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.3792	0.3306	0.4512	0.5410	0.3074	0.2232	0.3292	0.4743
Pb-211	0.1891	0.1760	0.1789	0.1577	0.1913	0.1594	0.1696	0.2135
Pb-212	1.3397	1.2560	1.1845	1.3908	1.2700	1.0501	1.1502	1.3078
Pb-214	1.5802	1.4824	1.4661	1.4999	1.5287	1.3052	1.4203	1.4644
Pd-100	2.6332	2.6814	2.4361	3.7556	2.7017	2.0197	2.4444	1.8706
Pd-101	2.0586	2.1355	2.1346	2.9499	2.3717	1.7699	1.9357	1.7278
Pd-103	0.6677	0.7325	0.7313	1.2328	0.8095	0.5582	0.6383	0.4410
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0488	1.0385	0.9786	1.2145	1.1313	0.8914	0.8874	1.2868
Pd-109	0.3982	0.4267	0.4315	0.6589	0.4323	0.3372	0.3704	0.2937
Pd-111	0.1123	0.1059	0.1079	0.0988	0.1178	0.0961	0.1038	0.1310
Pd-112	0.2550	0.2741	0.3161	0.4740	0.2926	0.2113	0.2415	0.2201
Pd-114	0.1911	0.1902	0.1749	0.1842	0.1978	0.1627	0.1559	0.1908
Pd-96	3.3020	3.2743	3.1861	3.3733	3.5726	2.7340	2.9164	3.7315
Pd-97	3.1088	2.9576	2.8894	2.8660	3.3559	2.7408	2.8615	3.8289
Pd-98	2.3889	2.4623	2.3588	3.0281	2.6166	1.9629	2.1875	2.3148
Pd-99	2.5597	2.5791	2.4929	2.7215	2.7679	2.1596	2.2369	3.1069
Pm-136	4.7846	4.4829	4.5703	3.8815	5.0740	4.1304	4.4135	5.6187
Pm-137m	4.8337	4.6167	4.6213	4.5282	5.0644	4.1047	4.4687	5.5397
Pm-139	0.8837	0.8267	0.8640	0.8317	0.9127	0.7394	0.8607	0.9193

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pm-140m	5.0543	4.7173	4.7038	4.1972	5.3903	4.2687	4.6631	6.4988
Pm-140	0.3391	0.3186	0.3267	0.3155	0.3660	0.2801	0.3303	0.4414
Pm-141	0.6817	0.6386	0.6654	0.7291	0.7348	0.5401	0.7115	0.7974
Pm-142	0.2620	0.2449	0.2607	0.2934	0.2807	0.2053	0.2805	0.2870
Pm-143	1.4279	1.3354	1.4188	1.4832	1.5531	1.1233	1.4832	1.6419
Pm-144	4.7116	4.3985	4.8000	4.0877	5.1085	3.9613	4.5446	5.6263
Pm-145	0.8918	0.8326	0.9040	1.0676	0.9403	0.6683	0.9782	0.8537
Pm-146	2.6373	2.4594	2.6019	2.3214	2.7510	2.2277	2.5030	2.8973
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001
Pm-148	0.9034	0.8447	0.8575	0.7418	0.9641	0.7840	0.8302	1.2162
Pm-148m	5.3075	4.9536	5.3086	4.2832	5.6710	4.5850	4.9163	6.3212
Pm-149	0.0607	0.0580	0.0561	0.0544	0.0641	0.0542	0.0555	0.0605
Pm-150	2.7421	2.5877	2.5154	2.2620	2.9259	2.3992	2.5600	3.3929
Pm-151	1.8243	1.7310	1.7292	1.6766	1.8900	1.5600	1.7055	2.0314
Pm-152m	4.1982	4.0218	3.8402	3.7611	4.4569	3.5942	3.7703	4.9276
Pm-152	0.7335	0.7046	0.6813	0.6744	0.7733	0.5954	0.6683	0.8960
Pm-153	0.9688	0.9609	0.9406	1.0728	0.9816	0.7483	0.8815	0.9941
Pm-154	2.3349	2.1574	2.0958	2.0893	2.4760	1.9378	2.2653	3.3690
Pm-154m	3.9785	3.7450	3.6644	3.6039	4.1635	3.3608	3.6707	5.1174
Po-203	4.0507	3.7502	3.6361	4.0060	3.9566	3.0873	3.6222	5.0085
Po-204	5.6576	5.2265	5.2521	5.9958	5.2385	4.1529	5.0176	6.1773
Po-205	3.9069	3.6200	3.4998	3.8377	3.8366	2.9652	3.5242	4.8750
Po-206	4.9076	4.5297	4.6358	4.9389	4.6394	3.7618	4.3785	5.3361
Po-207	3.5640	3.2981	3.2037	3.4797	3.4815	2.7059	3.2091	4.2930
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0424	0.0389	0.0432	0.0520	0.0382	0.0293	0.0368	0.0523
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0180	0.0167	0.0172	0.0146	0.0193	0.0152	0.0165	0.0232
Po-212m	0.0704	0.0626	0.0665	0.0568	0.0736	0.0618	0.0745	0.0990
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0002
Po-215	0.0007	0.0007	0.0007	0.0006	0.0007	0.0006	0.0006	0.0007
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.4481	6.0514	6.1892	5.3888	6.8240	5.5703	5.9500	7.4981
Pr-134m	3.0412	2.8311	2.9120	2.5303	3.1226	2.6565	2.8088	3.4851
Pr-135	2.0179	1.9356	1.9416	2.1567	2.1512	1.6377	1.9990	2.0486
Pr-136	3.5678	3.3279	3.5441	3.0712	3.7305	3.0814	3.3625	4.1162
Pr-137	0.7992	0.7761	0.8246	0.9913	0.8905	0.6105	0.8645	0.8599
Pr-138	0.2707	0.2622	0.2776	0.3329	0.3042	0.2057	0.2937	0.3005
Pr-138m	5.2940	5.0109	4.8763	4.7664	5.7959	4.4335	5.0477	6.7330
Pr-139	0.7836	0.7667	0.8240	1.0502	0.8833	0.5796	0.8790	0.7913

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pr-140	0.4177	0.4086	0.4392	0.5602	0.4706	0.3088	0.4689	0.4203
Pr-142	0.0494	0.0463	0.0437	0.0432	0.0532	0.0438	0.0458	0.0794
Pr-142m	0.0155	0.0138	0.0190	0.0248	0.0121	0.0083	0.0130	0.0224
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0334	0.0308	0.0317	0.0273	0.0368	0.0287	0.0329	0.0503
Pr-144m	0.3901	0.3689	0.4154	0.5137	0.4081	0.2790	0.4181	0.4102
Pr-145	0.0447	0.0417	0.0419	0.0404	0.0483	0.0362	0.0433	0.0574
Pr-146	1.7392	1.6184	1.6568	1.4088	1.7991	1.5280	1.5931	2.1363
Pr-147	2.4636	2.3237	2.3764	2.5048	2.5661	1.9758	2.4596	2.5105
Pr-148	2.0578	1.9472	1.8885	1.7274	2.2099	1.8166	1.9305	2.4504
Pr-148m	3.2435	3.0659	3.0721	2.6817	3.3932	2.8885	2.9844	3.3232
Pt-184	6.3961	5.8474	5.8907	6.7301	5.8890	4.7134	5.9087	6.9977
Pt-186	3.3480	3.0371	3.1031	3.3138	3.2168	2.4971	3.1847	3.6648
Pt-187	3.9519	3.5895	3.5421	4.1311	3.6264	2.8813	3.7112	4.0084
Pt-188	2.6994	2.4280	2.4163	2.9280	2.4073	1.9175	2.4998	2.7523
Pt-189	3.6863	3.3283	3.3510	3.9012	3.3434	2.6462	3.4880	3.7246
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.3188	2.9758	2.9784	3.5284	2.9188	2.3556	3.1490	3.1116
Pt-193	0.3415	0.3017	0.4169	0.5342	0.2646	0.1849	0.2854	0.4829
Pt-193m	0.5894	0.5211	0.6301	0.8164	0.4706	0.3468	0.5231	0.7018
Pt-195m	2.1165	1.8965	2.0498	2.6528	1.7582	1.3438	1.9508	2.1972
Pt-197	0.5913	0.5342	0.5786	0.7566	0.4815	0.3716	0.5078	0.6330
Pt-197m	1.4796	1.3183	1.4437	1.7841	1.2467	0.9737	1.3557	1.5213
Pt-199	0.8519	0.7928	0.8235	0.7594	0.8453	0.7182	0.7620	0.9021
Pt-200	1.0386	0.9471	0.9752	1.2285	0.8912	0.7009	0.9275	1.0656
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.0357	1.0369	1.0862	1.3247	0.9989	0.7967	0.9345	1.0774
Pu-234	1.1816	1.1798	1.2529	1.5328	1.1363	0.9036	1.0645	1.2366
Pu-235	1.5895	1.5795	1.7040	2.0890	1.5308	1.2084	1.4375	1.6746
Pu-236	0.1496	0.1424	0.1904	0.2424	0.1379	0.1040	0.1316	0.1698
Pu-237	1.1222	1.1028	1.2331	1.5300	1.0651	0.8351	1.0127	1.1901
Pu-238	0.1381	0.1314	0.1759	0.2237	0.1271	0.0959	0.1214	0.1570
Pu-239	0.0813	0.0760	0.1022	0.1309	0.0716	0.0529	0.0706	0.0994
Pu-240	0.1299	0.1236	0.1654	0.2105	0.1196	0.0902	0.1142	0.1476
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.1115	0.1060	0.1419	0.1805	0.1026	0.0774	0.0980	0.1267
Pu-243	0.4708	0.4549	0.4487	0.6078	0.4210	0.3372	0.4195	0.4115
Pu-244	0.1234	0.1170	0.1465	0.1759	0.1180	0.0910	0.1100	0.1457
Pu-245	1.6555	1.6003	1.6131	1.6035	1.7076	1.4028	1.5112	1.7459
Pu-246	1.8912	1.8592	1.9186	2.2815	1.9199	1.5106	1.7152	1.9934
Ra-219	1.0962	1.0428	1.0119	1.0535	1.0746	0.9168	1.0125	0.9730
Ra-220	0.0191	0.0177	0.0190	0.0153	0.0185	0.0170	0.0168	0.0176
Ra-221	0.6727	0.6405	0.7264	0.8446	0.6097	0.4800	0.5721	0.9032

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ra-222	0.0487	0.0465	0.0450	0.0419	0.0498	0.0435	0.0457	0.0419
Ra-223	1.5498	1.4768	1.4805	1.7494	1.4175	1.1629	1.3542	1.6250
Ra-224	0.0718	0.0686	0.0645	0.0686	0.0750	0.0629	0.0606	0.0764
Ra-225	0.4959	0.4458	0.5356	0.5862	0.4785	0.3718	0.5036	0.4927
Ra-226	1.4205	1.4147	1.3322	1.3500	1.5412	1.5641	1.4702	1.4490
Ra-227	1.5144	1.4401	1.6535	1.8832	1.4417	1.1715	1.3552	1.6022
Ra-228	1.2808	1.2748	1.1946	1.2147	1.3779	1.4075	1.3388	1.3128
Ra-230	0.7935	0.7453	0.7668	0.8822	0.7314	0.6033	0.7093	0.7966
Rb-77	2.1086	1.9355	1.8641	1.9221	2.0747	1.6699	1.9722	2.4336
Rb-78m	3.9102	3.6441	3.7583	3.1975	4.1062	3.4047	3.6269	4.9612
Rb-78	3.0099	2.7337	2.8792	2.4589	3.1229	2.6566	2.8892	4.0558
Rb-79	2.5861	2.4710	2.6167	2.4235	2.6330	2.1342	2.2345	3.5086
Rb-80	0.4474	0.4170	0.4695	0.3588	0.4948	0.3811	0.4217	0.5773
Rb-81	1.1972	1.0674	1.2716	1.1715	1.0861	0.9250	1.0307	1.2618
Rb-81m	0.5181	0.4446	0.6042	0.6618	0.4157	0.3273	0.4338	0.5588
Rb-82	0.2672	0.2467	0.2536	0.2291	0.2877	0.2148	0.2462	0.3861
Rb-82m	5.4901	5.0838	5.3544	4.6804	5.8391	4.5370	5.0301	7.4559
Rb-83	2.3047	2.0765	2.4485	2.1534	2.1586	1.8514	2.0184	2.4106
Rb-84	1.4429	1.3002	1.4054	1.3808	1.4559	1.0840	1.2878	2.0408
Rb-84m	2.1944	2.0581	2.0637	1.9818	2.2358	1.9225	1.8639	2.2661
Rb-86m	1.7377	1.6147	1.7813	1.3853	1.7896	1.5283	1.5825	1.8603
Rb-86	0.1236	0.1160	0.1079	0.1026	0.1378	0.1028	0.1138	0.1953
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.5651	0.5197	0.4997	0.4761	0.6142	0.4902	0.5492	0.9124
Rb-89	2.3895	2.2196	2.1267	1.9769	2.6394	2.0295	2.2985	3.7965
Rb-90	1.3025	1.1820	1.1785	1.0659	1.4384	1.1303	1.2778	2.1657
Rb-90m	2.9986	2.7574	2.6900	2.4694	3.2984	2.5577	2.8961	4.7634
Re-178	3.2955	3.0423	2.9804	3.3045	3.2827	2.5908	3.1244	3.8862
Re-179	4.4459	4.1026	4.1069	4.1967	4.3369	3.6030	4.1723	4.5453
Re-180	3.4578	3.1731	3.1079	3.4603	3.4453	2.5924	3.3347	4.2199
Re-181	4.2564	3.8960	3.9228	4.1382	4.1025	3.3185	4.0860	4.2638
Re-182	7.7561	7.2231	6.9699	7.8265	7.6548	6.0369	7.2784	8.9951
Re-182m	3.9400	3.6070	3.4721	4.0177	3.8045	2.9280	3.8480	4.5422
Re-183	2.8721	2.6157	2.6813	3.2893	2.6425	2.0179	2.8159	3.1784
Re-184	3.1267	2.8677	2.8058	3.0977	3.1137	2.3435	3.0160	3.7149
Re-184m	2.8246	2.5952	2.6213	3.0642	2.6646	2.0782	2.6628	3.1019
Re-186	0.3242	0.3080	0.3060	0.3590	0.3008	0.2323	0.2922	0.3669
Re-186m	1.1437	1.0167	1.2801	1.6410	0.9420	0.6755	1.0358	1.4479
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3950	0.3855	0.3989	0.4070	0.4009	0.3184	0.3504	0.6626
Re-188m	1.8116	1.6191	1.6906	2.1703	1.5581	1.1904	1.7582	1.8201
Re-189	0.4688	0.4367	0.4331	0.4836	0.4590	0.3714	0.4077	0.5386
Re-190	4.6724	4.3724	4.4576	3.9734	4.8341	4.0067	4.1750	5.4195

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Re-190m	3.9945	3.7161	3.8293	3.6228	3.9800	3.2909	3.6341	4.3460
Rh-100m	1.0740	1.1440	1.1338	1.8132	1.2520	0.8729	1.0388	0.7821
Rh-100	4.3530	4.1239	4.2632	4.1942	4.6584	3.7908	4.1420	5.3717
Rh-101	2.8878	2.9238	2.7429	3.4018	3.0692	2.3817	2.4055	2.7711
Rh-101m	2.0520	2.0525	2.0320	2.3884	2.2438	1.8210	1.9281	1.7254
Rh-102	1.5253	1.4837	1.5824	1.6412	1.6022	1.3354	1.3869	1.4195
Rh-102m	5.6907	5.4116	5.6937	5.2285	6.1352	4.8957	5.2406	6.6588
Rh-103m	0.0947	0.0990	0.1066	0.1687	0.1047	0.0723	0.0879	0.0809
Rh-104	0.0400	0.0377	0.0411	0.0350	0.0418	0.0351	0.0366	0.0424
Rh-104m	1.1237	1.1572	1.1034	1.6764	1.3144	0.9138	1.1965	0.7683
Rh-105	0.4021	0.3854	0.3678	0.3409	0.4191	0.3657	0.3798	0.3427
Rh-106	0.6011	0.5590	0.6077	0.4803	0.6192	0.5288	0.5469	0.6541
Rh-106m	6.0137	5.6168	5.7580	4.8686	6.3365	5.2109	5.4725	7.4538
Rh-107	1.5497	1.4820	1.4294	1.3110	1.6167	1.4061	1.4313	1.3990
Rh-108	1.1059	1.0299	1.1060	0.8700	1.1137	0.9803	0.9889	1.1067
Rh-109	1.6684	1.6137	1.5577	1.5217	1.7400	1.4914	1.5191	1.5837
Rh-94	3.3998	3.2002	3.0946	2.8477	3.7088	2.9268	3.1624	5.0338
Rh-95	2.3484	2.2171	2.1502	2.1344	2.6102	1.9867	2.2073	3.4850
Rh-95m	1.7531	1.6350	1.7690	1.4761	1.8177	1.5447	1.6099	1.9310
Rh-96	5.7356	5.3904	5.5720	4.8314	6.4173	4.8429	5.4095	8.1058
Rh-96m	1.4439	1.3906	1.3557	1.4968	1.6215	1.2142	1.3715	1.9664
Rh-97	2.2611	2.1500	2.2118	2.0832	2.3522	1.9749	2.0474	2.4278
Rh-97m	3.2265	3.0839	3.0586	3.3066	3.4952	2.7878	3.0148	4.2486
Rh-98	1.7017	1.5991	1.7411	1.4272	1.9197	1.4502	1.6249	2.3264
Rh-99	2.9558	2.9331	2.9841	3.4621	3.1282	2.5314	2.7295	2.6486
Rh-99m	2.3736	2.3392	2.3698	2.5860	2.5757	2.0798	2.2178	2.2587
Rn-207	3.2607	3.0557	3.0828	3.0725	3.2035	2.6262	2.9490	3.4560
Rn-209	3.6208	3.3801	3.4081	3.4266	3.5134	2.8989	3.2519	3.9444
Rn-210	0.2616	0.2432	0.2505	0.2626	0.2502	0.2030	0.2321	0.2856
Rn-211	4.4286	4.1471	4.2108	4.1432	4.5151	3.5496	4.0066	5.6669
Rn-212	0.0007	0.0007	0.0007	0.0006	0.0008	0.0006	0.0007	0.0010
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0020	0.0018	0.0020	0.0016	0.0021	0.0017	0.0018	0.0024
Rn-219	0.3184	0.3018	0.2962	0.2800	0.3211	0.2801	0.2790	0.3047
Rn-220	1.7889	1.7995	1.6762	1.6812	1.9122	1.9596	1.8241	1.7908
Rn-222	0.0015	0.0014	0.0015	0.0012	0.0015	0.0013	0.0013	0.0014
Rn-223	1.6838	1.5770	1.7529	1.8459	1.6120	1.2805	1.4949	2.0225
Ru-103	1.9190	1.7816	1.9286	1.5394	1.8870	1.7152	1.7093	1.8061
Ru-105	2.1690	2.0637	2.1145	1.8911	2.3347	1.8689	1.9884	2.5422
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8478	0.7973	0.7808	0.7244	0.8972	0.7294	0.7572	1.0512

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ru-108	0.6160	0.6329	0.6291	0.6821	0.6660	0.5275	0.5274	1.1076
Ru-92	6.2423	6.1551	5.9614	6.7915	6.7617	5.3799	5.5394	6.8544
Ru-94	2.2474	2.2020	2.2889	2.4564	2.3928	1.9624	2.0662	2.1800
Ru-95	2.9690	2.8798	2.9236	2.9958	3.2237	2.5911	2.7815	3.2882
Ru-97	2.0790	2.0501	2.0114	2.4952	2.2571	1.7954	1.8090	2.0564
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.2243	1.0681	1.1005	1.0053	1.3486	1.1111	1.2765	2.2337
S-38	1.1951	1.0893	1.0603	1.0242	1.2804	1.0718	1.2006	2.0147
Sb-111	2.4619	2.4324	2.4935	2.3658	2.5816	2.1541	2.1689	3.6154
Sb-113	2.3087	2.1954	2.3098	2.1001	2.3024	2.0576	2.0828	2.1719
Sb-114	2.3152	2.2165	2.1300	2.0429	2.5521	1.9977	2.1634	3.5033
Sb-115	2.5051	2.4028	2.5729	2.4104	2.4841	2.2419	2.2521	2.2694
Sb-116	2.1405	2.0670	2.0014	2.0531	2.3488	1.8490	2.0284	3.1751
Sb-116m	6.2754	6.1062	6.0241	6.0415	6.6695	5.3914	5.7164	7.9206
Sb-117	2.0573	2.1709	2.2398	2.5815	2.2121	1.8261	1.8256	3.3640
Sb-118	0.2623	0.2758	0.2836	0.3729	0.2775	0.2324	0.2461	0.2483
Sb-118m	5.9528	5.8225	5.6156	6.0644	6.4906	5.1956	5.4761	7.4205
Sb-119	0.9497	1.0219	1.0755	1.5300	0.9868	0.8372	0.8885	0.7468
Sb-120	0.4750	0.5104	0.5306	0.7400	0.4984	0.4234	0.4471	0.3878
Sb-120m	5.9964	5.8142	5.3948	6.1157	6.3225	4.9887	5.3890	7.5136
Sb-122m	1.7241	1.6707	1.5846	2.1840	1.6705	1.3294	1.7506	1.3139
Sb-122	1.3212	1.2331	1.3551	1.0666	1.3821	1.1582	1.2120	1.4683
Sb-124	2.8049	2.6142	2.7697	2.2874	3.0606	2.4363	2.6459	3.8549
Sb-124m	1.2955	1.2053	1.3409	1.0644	1.3598	1.1164	1.1915	1.4979
Sb-124n	0.0539	0.0482	0.0661	0.0865	0.0421	0.0291	0.0453	0.0782
Sb-125	1.9667	1.9132	2.0389	2.0063	2.0803	1.6964	1.8438	2.0546
Sb-126	6.5788	6.1514	6.5109	5.2388	7.1620	5.6304	6.1005	8.3803
Sb-126m	4.0216	3.7565	4.0220	3.1816	4.3110	3.4671	3.7045	4.8682
Sb-127	1.9601	1.8388	1.9240	1.6100	2.0818	1.7003	1.7967	2.2973
Sb-128	7.2938	6.8478	7.0363	5.9150	7.9603	6.2499	6.8120	9.2857
Sb-128m	4.6440	4.3787	4.3425	3.8065	5.0793	3.9815	4.3629	5.8390
Sb-129	2.4766	2.3148	2.2844	2.0351	2.6987	2.0988	2.2910	3.5009
Sb-130m	5.1535	4.8475	4.6823	4.3316	5.6721	4.3038	4.7235	7.6116
Sb-130	7.5552	7.1378	6.9586	6.3853	8.1679	6.4511	6.9190	10.0951
Sb-131	2.9904	2.7956	2.7523	2.4785	3.2926	2.5389	2.8101	4.3794
Sb-133	3.1082	2.8937	2.7938	2.5764	3.3965	2.6645	2.9565	4.7475
Sc-42m	4.4805	4.2170	4.1713	3.6722	4.7158	3.9378	4.0679	6.0387
Sc-43	0.3802	0.3569	0.3663	0.3095	0.3762	0.3377	0.3402	0.3440
Sc-44	1.4151	1.3407	1.2576	1.1755	1.5799	1.1921	1.3062	2.2844
Sc-44m	1.4066	1.3534	1.2671	1.2369	1.5082	1.2871	1.2417	1.4380
Sc-46	2.8870	2.7069	2.5454	2.3767	3.2159	2.3965	2.6644	4.4917
Sc-47	0.9500	0.9834	1.0037	0.9614	1.0401	0.8383	0.8045	2.1171
Sc-48	4.3679	4.1100	3.8368	3.6457	4.8568	3.6552	4.0142	6.9463

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sc-49	0.0008	0.0007	0.0007	0.0007	0.0009	0.0007	0.0008	0.0013
Sc-50	4.4496	4.1629	4.1428	3.6885	4.7175	3.8808	4.0718	6.1137
Se-70	2.5803	2.3745	2.7206	3.0009	2.3985	1.8828	2.3295	2.9065
Se-71	1.5003	1.4766	1.4449	1.3873	1.6144	1.2549	1.3112	2.4754
Se-72	1.4921	1.3350	1.6497	2.0178	1.3379	0.9497	1.4401	1.7485
Se-73	2.8402	2.5991	2.5876	2.6717	2.6491	2.2560	2.6545	2.5265
Se-73m	0.3878	0.3521	0.3993	0.4428	0.3487	0.2772	0.3392	0.4484
Se-75	3.3455	3.2401	3.3223	3.5465	3.2809	2.6642	2.8044	3.8644
Se-77m	1.0343	1.0140	1.1255	1.1769	1.0321	0.8119	0.8673	1.9860
Se-79m	0.6235	0.5524	0.7183	0.8762	0.4968	0.3677	0.5270	0.7867
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0304	0.0289	0.0282	0.0256	0.0323	0.0272	0.0275	0.0323
Se-81m	0.6657	0.5984	0.7617	0.9196	0.5440	0.4059	0.5655	0.8354
Se-83m	1.4710	1.3708	1.3366	1.2111	1.5989	1.2561	1.3760	2.0687
Se-83	5.2513	4.9100	4.9006	4.3149	5.5218	4.5908	4.8167	6.3958
Se-84	1.7199	1.6023	1.6834	1.3280	1.6779	1.5384	1.5044	1.5628
Si-31	0.0009	0.0009	0.0009	0.0008	0.0011	0.0008	0.0009	0.0016
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.5355	2.3913	2.3901	2.2323	2.6927	2.2090	2.3836	2.7642
Sm-140	1.6322	1.5318	1.5632	1.6408	1.7125	1.3227	1.6129	1.8134
Sm-141	2.3539	2.1889	2.2719	2.0130	2.3892	2.0340	2.1947	2.5086
Sm-141m	4.4499	4.1422	4.1132	3.9930	4.6930	3.7271	4.1064	5.4395
Sm-142	0.8353	0.7654	0.8372	0.9372	0.8694	0.6392	0.9153	0.7905
Sm-143	0.5476	0.5030	0.5421	0.5993	0.5731	0.4238	0.5908	0.5500
Sm-143m	1.4240	1.3282	1.3452	1.1653	1.5826	1.1797	1.3458	2.0176
Sm-145	1.7328	1.5799	1.6981	1.9193	1.7842	1.3185	1.9029	1.5914
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0016	0.0015	0.0019	0.0026	0.0014	0.0010	0.0014	0.0021
Sm-153	1.1425	1.0775	1.0809	1.2200	1.1514	0.8938	1.1901	1.0598
Sm-155	1.1764	1.1869	1.0973	1.2527	1.1902	0.9626	1.1132	1.1731
Sm-156	1.2170	1.1615	1.1157	1.3093	1.1988	0.9610	1.0868	1.3958
Sm-157	2.0175	1.8857	1.7753	1.8685	2.0828	1.6835	1.7680	2.2583
Sn-106	3.7283	3.6433	3.6242	3.7352	3.9139	3.2747	3.3488	3.8804
Sn-108	3.6010	3.5529	3.5834	3.7225	3.7640	3.2018	3.2325	3.7099
Sn-109	3.2035	3.0953	3.0478	3.2160	3.4537	2.7915	3.0131	4.1976
Sn-110	2.2677	2.2745	2.2131	2.5410	2.4143	2.0643	2.0693	2.0026
Sn-111	0.7195	0.7509	0.7664	1.0206	0.7703	0.6375	0.6764	0.6839
Sn-113	0.7698	0.8322	0.8586	1.2372	0.8205	0.6890	0.7182	0.5794
Sn-113m	0.5378	0.5785	0.6065	0.8606	0.5579	0.4741	0.5045	0.4217
Sn-117m	1.9330	2.0349	2.1014	2.3726	2.0800	1.7112	1.7040	3.3174
Sn-119m	0.6418	0.6853	0.7295	1.0364	0.6577	0.5573	0.5938	0.5196

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2061	0.2144	0.2331	0.3237	0.2143	0.1662	0.2012	0.1895
Sn-123	0.0091	0.0085	0.0079	0.0076	0.0101	0.0076	0.0084	0.0144
Sn-123m	1.3048	1.3525	1.3794	1.3840	1.4253	1.1477	1.1188	2.7181
Sn-125m	1.6370	1.5614	1.5160	1.3648	1.6865	1.4827	1.5311	1.4193
Sn-125	0.4862	0.4546	0.4326	0.4014	0.5332	0.4097	0.4508	0.7203
Sn-126	1.0983	1.0925	1.0185	1.4159	1.0353	0.8383	1.0324	0.9011
Sn-127m	1.8730	1.7402	1.8641	1.5012	1.8413	1.6756	1.6651	1.8159
Sn-127	3.1432	2.9542	2.8787	2.6527	3.3880	2.6865	2.8964	4.3520
Sn-128	3.8454	3.8004	3.9364	4.3804	3.9388	3.2848	3.6193	3.5445
Sn-129	1.8943	1.7749	1.8975	1.5227	2.1207	1.6167	1.7901	2.6192
Sn-130	3.8258	3.6531	3.5035	3.7515	4.0005	3.1913	3.4584	4.4192
Sn-130m	2.3011	2.2440	2.1972	2.3066	2.4556	1.9255	2.1385	2.9585
Sr-79	1.5101	1.4256	1.5044	1.5147	1.4944	1.2228	1.3867	1.5639
Sr-80	1.6161	1.4684	1.7441	1.5846	1.5652	1.2793	1.4174	1.8946
Sr-81	2.2218	2.1695	2.2230	2.0646	2.3086	1.8943	1.9026	3.3271
Sr-82	0.5572	0.4668	0.6871	0.7357	0.4341	0.3401	0.4568	0.6204
Sr-83	1.9330	1.7342	2.0393	1.9474	1.8422	1.4703	1.7016	2.3320
Sr-85	2.4121	2.1862	2.5600	2.2199	2.2628	1.9929	2.1113	2.3997
Sr-85m	1.5470	1.4786	1.4096	1.4748	1.6225	1.3448	1.2853	1.8431
Sr-87m	1.4419	1.3452	1.4291	1.1876	1.4047	1.2715	1.2683	1.3187
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.1975	1.1193	1.1044	0.9777	1.3348	1.0002	1.1124	1.7607
Sr-92	1.4145	1.3433	1.2743	1.1903	1.5548	1.2304	1.3040	2.2447
Sr-93	4.0192	3.7726	3.8839	3.3863	4.3548	3.4505	3.7346	5.6413
Sr-94	1.4095	1.3337	1.2723	1.1915	1.5504	1.2278	1.3096	2.2742
Ta-170	1.6195	1.5070	1.4817	1.7057	1.6110	1.2309	1.5614	1.8315
Ta-172	3.7510	3.4821	3.3626	3.6668	3.8296	2.9725	3.5484	4.5066
Ta-173	2.8539	2.6131	2.6189	3.1018	2.7624	2.0857	2.8533	3.2387
Ta-174	2.9017	2.6645	2.5693	3.0135	2.8633	2.2170	2.7519	3.1926
Ta-175	3.9721	3.6694	3.5543	3.9535	3.9597	3.0946	3.8760	4.3073
Ta-176	3.8996	3.5876	3.5335	3.7943	3.9726	3.0856	3.8202	5.0217
Ta-177	1.3106	1.1838	1.1673	1.4659	1.2365	0.9178	1.3760	1.1802
Ta-178	1.3715	1.2348	1.2277	1.5491	1.2884	0.9557	1.4404	1.2804
Ta-178m	8.0039	7.4757	7.2567	7.6263	7.8333	6.5479	7.4865	7.3531
Ta-179	0.7026	0.6266	0.6610	0.8460	0.6408	0.4676	0.7264	0.6859
Ta-180	1.1161	1.0024	0.9994	1.2735	1.0410	0.7702	1.1785	1.0102
Ta-182	3.3076	3.0847	2.9249	3.2344	3.3139	2.5668	3.1187	4.1932
Ta-182m	3.5164	3.3120	3.3950	3.9259	3.3965	2.6253	3.2446	4.7024
Ta-183	3.3715	3.1332	3.1494	3.6541	3.2296	2.5573	3.1814	3.6524
Ta-184	5.9204	5.5571	5.5480	5.3572	5.9990	4.9647	5.3268	6.5681
Ta-185	1.8588	1.7318	1.7741	2.0696	1.7710	1.3803	1.7003	2.4296

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ta-186	5.4375	5.1060	5.0746	4.8317	5.6147	4.5630	4.8265	6.1353
Tb-146	3.0422	2.8346	2.7361	2.6404	3.2831	2.6242	2.8682	4.5624
Tb-147m	2.0106	1.8737	1.8477	1.8560	2.1702	1.6901	1.9978	2.8527
Tb-147	3.6828	3.4836	3.4672	3.3029	3.9862	3.0503	3.5177	5.0347
Tb-148m	7.0103	6.5412	6.7205	5.8055	7.5258	5.9106	6.5673	8.7873
Tb-148	3.0304	2.8054	2.8313	2.5813	3.2748	2.5415	2.9283	4.1202
Tb-149m	2.9343	2.7324	2.7827	2.5932	3.2117	2.3937	2.8657	3.9227
Tb-149	3.4750	3.2606	3.3116	3.1252	3.6817	2.9307	3.3400	4.3981
Tb-150m	7.3852	6.8877	7.3993	6.1475	7.8477	6.3254	6.9648	8.5582
Tb-150	3.4619	3.1901	3.3736	3.0046	3.7413	2.9285	3.4360	4.5305
Tb-151	4.6428	4.3662	4.4575	4.2807	4.8423	3.9273	4.4411	4.8996
Tb-151m	0.8787	0.8105	0.9355	1.1164	0.8351	0.6141	0.8518	0.9989
Tb-152m	4.1939	3.9449	4.0020	3.9026	4.3516	3.5641	4.0379	4.3545
Tb-152	3.1887	2.9697	2.9905	2.8283	3.3476	2.7264	3.1275	3.5306
Tb-153	2.6355	2.4611	2.4684	2.6869	2.7109	2.1064	2.5862	2.7577
Tb-154	3.5106	3.2630	3.2695	3.2528	3.7284	2.8963	3.5160	4.5631
Tb-155	2.4949	2.3651	2.3467	2.6730	2.5116	1.9503	2.4988	2.5401
Tb-156	5.4566	5.0896	5.1181	4.9906	5.6777	4.5525	5.1664	6.3072
Tb-156m	0.6640	0.6279	0.5859	0.7121	0.7714	0.5230	0.8266	0.4951
Tb-156n	0.2326	0.2104	0.2625	0.3343	0.2001	0.1422	0.2148	0.2931
Tb-157	0.2528	0.2278	0.2797	0.3445	0.2280	0.1630	0.2452	0.3019
Tb-158	2.5536	2.3666	2.3506	2.5135	2.6792	1.9992	2.5128	3.1487
Tb-160	2.4812	2.3339	2.2220	2.2317	2.6502	2.0479	2.3155	3.2159
Tb-161	0.9742	0.9327	0.9742	1.2656	0.9611	0.7279	0.9967	0.8788
Tb-162	3.3069	3.1295	2.9776	2.9488	3.5638	2.8099	2.9924	4.1831
Tb-163	3.3006	3.0915	3.2085	2.6994	3.3170	2.9246	2.9885	3.1359
Tb-164	5.5337	5.2095	5.2485	4.8279	5.9460	4.6749	5.1262	7.4175
Tb-165	1.2583	1.1844	1.1815	1.1255	1.3378	1.0616	1.1615	1.8082
Tc-101	1.6896	1.6205	1.5563	1.4431	1.7688	1.5281	1.5675	1.5377
Tc-102m	4.0714	3.7771	3.9286	3.2991	4.2583	3.5698	3.7929	5.1182
Tc-102	0.2038	0.1894	0.1995	0.1630	0.2070	0.1796	0.1845	0.2229
Tc-104	3.7664	3.5167	3.5311	3.0926	3.9278	3.3336	3.5202	4.5423
Tc-105	2.6707	2.6049	2.5616	2.5436	2.8142	2.3036	2.3983	3.2545
Tc-91	1.3075	1.1997	1.1853	1.1364	1.4080	1.1437	1.3067	2.0306
Tc-91m	1.2320	1.1487	1.2245	1.0164	1.2336	1.0949	1.1044	1.2815
Tc-92	5.6943	5.4921	5.3424	5.1269	6.1077	4.9248	5.1859	7.8853
Tc-93	1.8847	1.8556	1.9093	2.1289	2.0916	1.6378	1.7615	2.7186
Tc-93m	1.5960	1.5036	1.5812	1.5102	1.6430	1.4130	1.5048	1.7528
Tc-94	5.1685	4.9022	4.9848	4.7433	5.7617	4.3102	4.8203	7.2661
Tc-94m	1.8683	1.7614	1.7314	1.7163	2.0726	1.5606	1.7556	2.7625
Tc-95	2.0727	2.0219	2.1515	2.2884	2.3229	1.7373	1.9433	2.7188
Tc-95m	2.6511	2.5571	2.6253	2.8655	2.8692	2.2487	2.3594	3.0934
Tc-96	5.0766	4.8301	4.8310	4.7265	5.6533	4.2221	4.7265	7.1903

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-96m	0.3870	0.4083	0.4570	0.6476	0.4433	0.3249	0.3659	0.3682
Tc-97	0.5550	0.5991	0.7336	1.0385	0.6291	0.4765	0.5271	0.5121
Tc-97m	0.4507	0.4884	0.5550	0.8380	0.5239	0.3803	0.4290	0.3736
Tc-98	2.9793	2.7859	2.9633	2.3740	3.3525	2.5074	2.8138	4.1626
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.2815	1.3432	1.2887	1.3403	1.3386	1.0577	1.0236	1.9083
Te-113	1.6213	1.5209	1.4860	1.4007	1.7773	1.3843	1.5478	2.4247
Te-114	2.9375	2.8976	2.9037	3.2907	3.1176	2.5078	2.7741	3.3518
Te-115	2.5058	2.3979	2.3656	2.2854	2.7532	2.1558	2.3312	3.4800
Te-115m	2.8927	2.7505	2.7225	2.6379	3.1729	2.4734	2.7386	4.1330
Te-116	1.7011	1.7896	1.8008	2.4475	1.7816	1.4302	1.6440	1.4899
Te-117	2.2337	2.1562	2.1954	2.2663	2.4566	1.9024	2.1552	2.9660
Te-118	0.7413	0.7991	0.8359	1.1924	0.8000	0.6369	0.7282	0.6088
Te-119	2.2398	2.2014	2.3816	2.3881	2.4918	1.9140	2.1545	2.6564
Te-119m	3.6991	3.6997	3.6304	3.8717	4.0478	3.1953	3.3699	5.5024
Te-121	2.5044	2.4432	2.6461	2.6163	2.6286	2.1871	2.3414	2.5091
Te-121m	1.7863	1.7465	1.6566	2.0319	1.8962	1.5103	1.5656	1.8562
Te-123	0.0480	0.0431	0.0587	0.0770	0.0378	0.0263	0.0405	0.0688
Te-123m	1.6896	1.7655	1.8264	2.0249	1.8517	1.4529	1.5185	3.0888
Te-125m	1.2611	1.3454	1.4142	2.0169	1.4030	1.0292	1.2962	1.1168
Te-127	0.0219	0.0206	0.0213	0.0182	0.0217	0.0194	0.0195	0.0201
Te-127m	0.4122	0.4364	0.4642	0.6615	0.4497	0.3305	0.4180	0.3760
Te-129	0.4205	0.4142	0.4468	0.5087	0.4280	0.3491	0.3922	0.4133
Te-129m	0.3580	0.3731	0.3955	0.5267	0.3944	0.2918	0.3586	0.3536
Te-131	1.8624	1.8594	1.8810	1.7951	1.9726	1.5999	1.6244	2.8348
Te-131m	3.2264	3.0811	2.9919	2.9193	3.5129	2.7129	2.9842	4.3177
Te-132	2.2091	2.1910	2.0921	2.5534	2.4277	1.8753	2.0616	2.2168
Te-133	2.6382	2.4880	2.4407	2.1861	2.7807	2.3275	2.4634	3.0106
Te-133m	3.7327	3.5346	3.4798	3.2837	4.0613	3.1664	3.4629	5.0183
Te-134	3.4015	3.2410	3.1937	3.1747	3.5552	2.8734	3.0625	3.8503
Th-223	1.2735	1.2249	1.2942	1.5819	1.1441	0.9180	1.1154	1.3855
Th-224	0.2113	0.2049	0.2112	0.2283	0.2125	0.1725	0.1789	0.3087
Th-226	0.1683	0.1615	0.1886	0.2235	0.1545	0.1222	0.1444	0.1887
Th-227	1.5948	1.4954	1.6928	1.9442	1.5155	1.2151	1.4166	1.7194
Th-228	0.1441	0.1333	0.1753	0.2138	0.1244	0.0965	0.1238	0.1702
Th-229	2.0670	1.9486	2.2357	2.7447	1.8332	1.4407	1.7997	2.3231
Th-230	1.1501	1.2082	1.0965	1.0754	1.2547	1.2903	1.1806	1.1083
Th-231	1.2068	1.1472	1.4486	1.8367	1.0819	0.8432	1.0587	1.3213
Th-232	1.1950	1.1723	1.1075	1.1312	1.2996	1.3245	1.2606	1.2091
Th-233	0.3934	0.3719	0.4356	0.5187	0.3633	0.2815	0.3491	0.4635
Th-234	0.2630	0.2446	0.2722	0.3415	0.2343	0.1846	0.2441	0.2615
Th-235	0.1653	0.1556	0.1627	0.1436	0.1712	0.1399	0.1502	0.1931
Th-236	0.2775	0.2687	0.2905	0.3205	0.2692	0.2163	0.2441	0.2994

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-44	2.3902	2.1730	1.7705	2.5143	1.9715	1.6166	2.2418	1.6613
Ti-45	0.0208	0.0188	0.0242	0.0297	0.0178	0.0127	0.0179	0.0303
Ti-51	1.6417	1.5667	1.5000	1.3690	1.7126	1.4827	1.5505	1.4681
Ti-52	1.5622	1.6331	1.5482	1.7358	1.5442	1.2075	1.2112	1.4591
Ti-190	2.4567	2.2709	2.3476	2.1421	2.3797	2.0338	2.2092	2.4847
Ti-190m	6.1309	5.7000	5.9221	5.2283	6.2817	5.1224	5.6129	6.9549
Ti-194	2.6287	2.4160	2.4948	2.4206	2.4856	2.0961	2.3790	2.5882
Ti-194m	7.9394	7.3696	7.6739	7.0688	8.0105	6.4940	7.2502	8.9307
Ti-195	3.4312	3.1315	3.1919	3.5729	3.2249	2.5549	3.1620	4.0121
Ti-196	4.1292	3.7974	3.8454	3.7699	3.9996	3.3522	3.7970	4.5957
Ti-197	2.5945	2.3769	2.3559	2.7260	2.3332	1.8851	2.3638	2.6652
Ti-198	4.4537	4.0970	4.1180	4.0897	4.3240	3.5941	4.1055	5.0783
Ti-198m	5.3565	4.9492	5.2208	4.9993	5.2346	4.3048	4.8546	5.6384
Ti-199	2.4953	2.2780	2.2367	2.6794	2.2161	1.8042	2.2481	2.4254
Ti-200	4.1356	3.8327	3.8013	3.8474	4.0081	3.3059	3.7855	4.4354
Ti-201	1.9270	1.7472	1.7483	2.2683	1.6154	1.2709	1.7474	1.9340
Ti-202	2.9959	2.7398	2.8050	2.8703	2.7063	2.3416	2.6900	2.7009
Ti-204	0.0310	0.0277	0.0281	0.0373	0.0252	0.0197	0.0283	0.0288
Ti-206m	7.9444	7.4362	7.4082	6.8804	8.2300	6.7939	7.0630	8.9918
Ti-206	0.0015	0.0013	0.0013	0.0017	0.0012	0.0010	0.0013	0.0013
Ti-207	0.0040	0.0037	0.0035	0.0033	0.0044	0.0033	0.0037	0.0059
Ti-208	3.6764	3.3126	3.4959	3.0126	3.8355	3.1943	3.7440	4.9171
Ti-209	4.5830	4.3848	4.2970	4.1197	4.5645	3.8866	4.0267	5.1420
Ti-210	4.8930	4.5762	4.4738	4.2677	5.1917	4.1282	4.5805	6.5033
Tm-161	4.5919	4.3149	4.2489	4.7854	4.8080	3.6231	4.7373	4.9777
Tm-162	2.6211	2.4493	2.4107	2.5208	2.8048	2.1373	2.6429	3.4017
Tm-163	4.0390	3.7923	3.7057	4.0043	4.2545	3.2513	4.0998	4.4541
Tm-164	1.0676	0.9938	0.9863	1.1330	1.1200	0.8233	1.1296	1.1782
Tm-165	3.2987	3.0923	3.0530	3.2393	3.4768	2.7061	3.3000	3.2842
Tm-166	4.0310	3.7594	3.7422	3.8539	4.2923	3.2547	3.9900	5.2159
Tm-167	1.8947	1.7517	1.7330	2.0787	1.9545	1.4431	1.9261	1.8569
Tm-168	4.6403	4.3304	4.2737	4.4056	4.8793	3.7323	4.3929	5.5319
Tm-170	0.0983	0.0906	0.0938	0.1234	0.0881	0.0652	0.0955	0.0976
Tm-171	0.0148	0.0134	0.0135	0.0172	0.0143	0.0103	0.0160	0.0134
Tm-172	0.8209	0.7656	0.7551	0.8338	0.8303	0.6421	0.7663	1.1243
Tm-173	1.7136	1.5934	1.6633	1.3734	1.6732	1.5052	1.5298	1.5516
Tm-174	6.3185	5.9820	5.8381	5.6840	6.5766	5.3958	5.7142	7.5569
Tm-175	2.9600	2.7537	2.8401	2.4847	3.0481	2.5347	2.7292	3.3461
Tm-176	4.3339	4.0541	3.9500	3.9529	4.5004	3.6207	4.0061	5.4270
U-227	1.3526	1.3027	1.3667	1.5852	1.3060	1.0644	1.1887	1.4677
U-228	0.1622	0.1544	0.1948	0.2393	0.1480	0.1159	0.1422	0.1880
U-230	0.1651	0.1548	0.2082	0.2566	0.1472	0.1136	0.1441	0.1948
U-231	2.3486	2.2595	2.6510	3.3006	2.1370	1.6891	2.0811	2.5042

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-232	0.1512	0.1414	0.1943	0.2390	0.1343	0.1030	0.1319	0.1787
U-233	0.0807	0.0747	0.1025	0.1254	0.0707	0.0539	0.0700	0.0964
U-234	0.5895	0.6222	0.5643	0.5482	0.6462	0.6804	0.6168	0.5883
U-235	1.4322	1.4588	1.3812	1.3517	1.5258	1.5480	1.4599	1.4282
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1241	0.1159	0.1602	0.1970	0.1099	0.0842	0.1080	0.1474
U-237	2.2862	2.1917	2.3051	2.8301	2.2001	1.7323	2.1111	2.3291
U-238	1.0368	1.0403	0.9756	0.9657	1.1238	1.1556	1.0426	1.0904
U-239	0.8394	0.7777	0.7173	0.9754	0.7236	0.5816	0.7752	0.6607
U-240	0.4332	0.4137	0.5299	0.6720	0.4002	0.3032	0.3835	0.4925
U-242	0.3163	0.2916	0.2817	0.3136	0.3054	0.2462	0.3097	0.2948
V-47	0.0135	0.0125	0.0138	0.0153	0.0132	0.0104	0.0123	0.0214
V-48	3.0094	2.8294	2.6746	2.5517	3.3254	2.5103	2.7768	4.7866
V-49	0.1331	0.1189	0.1632	0.2136	0.1038	0.0718	0.1118	0.1932
V-50	1.4647	1.3683	1.3409	1.3394	1.5576	1.2437	1.3494	2.3170
V-52	1.3501	1.2792	1.2074	1.1492	1.4824	1.1807	1.2515	2.2092
V-53	1.4754	1.3762	1.2770	1.2269	1.6379	1.2194	1.3544	2.2843
W-177	5.3238	4.9576	4.9043	5.4272	5.1683	4.0569	5.0501	5.6140
W-178	0.5535	0.4917	0.5528	0.7134	0.4794	0.3498	0.5411	0.5982
W-179	1.5573	1.4144	1.4880	1.9482	1.4439	1.0403	1.6032	1.5256
W-179m	1.0488	0.9349	0.9339	1.1794	0.9491	0.7255	1.0422	0.9947
W-181	1.0243	0.9087	0.9222	1.1831	0.9264	0.6888	1.0633	0.9456
W-185m	0.9950	0.9013	1.0977	1.3955	0.8308	0.6059	0.8716	1.3036
W-185	0.0009	0.0009	0.0008	0.0010	0.0008	0.0007	0.0009	0.0008
W-187	1.7869	1.6531	1.6938	1.6077	1.7771	1.4350	1.6681	1.9234
W-188	0.0154	0.0143	0.0139	0.0153	0.0152	0.0125	0.0142	0.0152
W-190	2.4794	2.2863	2.2875	2.7129	2.3073	1.7984	2.3962	3.1513
Xe-120	2.6783	2.7068	2.7444	3.3702	2.8740	2.2080	2.5934	2.7716
Xe-121	2.1012	2.0539	2.0301	2.2358	2.2600	1.7788	2.0248	2.5345
Xe-122	1.0340	1.0788	1.1157	1.4875	1.1546	0.8392	1.0589	0.9895
Xe-123	2.0713	2.1225	2.1252	2.4649	2.2753	1.7281	1.9347	2.9047
Xe-125	2.4993	2.5068	2.4604	3.0428	2.7397	2.0862	2.3510	2.7681
Xe-127	2.5886	2.5655	2.4951	3.0071	2.7851	2.1559	2.3549	2.9361
Xe-127m	2.0108	2.0894	1.9994	2.3341	2.1312	1.5987	1.7441	2.3542
Xe-129m	1.4407	1.5035	1.5766	2.2170	1.6631	1.1040	1.5589	1.3998
Xe-131m	0.6061	0.6377	0.6751	0.9543	0.6995	0.4609	0.6527	0.6235
Xe-133	0.9713	0.9726	0.9095	1.3170	0.9832	0.6879	0.9757	0.8325
Xe-133m	0.7294	0.7550	0.7769	1.0647	0.8345	0.5735	0.7579	0.7246
Xe-135	1.4716	1.4242	1.3305	1.3434	1.6060	1.3486	1.2678	1.5822
Xe-135m	1.6383	1.5389	1.6733	1.4170	1.6613	1.4394	1.4984	1.6178
Xe-137	0.6240	0.5801	0.6146	0.4950	0.6150	0.5566	0.5544	0.6048
Xe-138	1.9649	1.8476	1.8478	1.7584	2.0471	1.7286	1.8002	2.5194
Y-81	1.7872	1.7510	1.7590	1.9422	1.6617	1.3614	1.4697	1.7083

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Y-83	1.2832	1.1960	1.3691	1.3973	1.3011	1.0214	1.1965	1.5377
Y-83m	1.4870	1.4137	1.4646	1.3951	1.5227	1.3252	1.2951	1.5003
Y-84m	4.8220	4.5008	4.3791	3.9785	5.3211	4.0181	4.4665	7.1735
Y-85	1.5284	1.4131	1.5770	1.3515	1.4905	1.3187	1.3561	1.5525
Y-85m	1.3253	1.2290	1.3038	1.2707	1.3729	1.1126	1.2085	1.7584
Y-86	5.0816	4.7329	4.8770	4.4152	5.4652	4.2779	4.7219	7.2184
Y-86m	1.4340	1.3405	1.2122	1.3577	1.4896	1.2125	1.1680	1.5912
Y-87	2.2916	2.1112	2.4704	2.2036	2.1653	1.9358	2.0110	2.2368
Y-87m	1.3907	1.3070	1.3845	1.1816	1.3695	1.2338	1.2360	1.2677
Y-88	3.3026	3.0425	3.1615	3.1335	3.4723	2.7389	3.0914	4.9984
Y-89m	1.4649	1.3650	1.2894	1.2058	1.6274	1.2045	1.3518	2.2258
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	3.1911	2.9661	2.9573	2.7731	3.1953	2.7733	2.7112	3.2097
Y-91	0.0036	0.0034	0.0032	0.0030	0.0040	0.0030	0.0033	0.0059
Y-91m	1.7007	1.5823	1.7511	1.3736	1.7504	1.4958	1.5487	1.8195
Y-92	0.4004	0.3738	0.3643	0.3284	0.4340	0.3390	0.3675	0.5696
Y-93	0.1972	0.1872	0.1775	0.1704	0.2139	0.1766	0.1793	0.2449
Y-94	1.1587	1.0786	1.0349	0.9513	1.2734	0.9685	1.0753	1.7210
Y-95	0.8502	0.7730	0.7569	0.7057	0.9222	0.7401	0.8461	1.3735
Yb-162	2.4234	2.3495	2.3381	2.5830	2.5203	1.8988	2.3613	2.9543
Yb-163	1.8526	1.7173	1.7332	1.9608	1.9045	1.4069	1.8890	2.0874
Yb-164	0.9692	0.8942	0.8946	1.1027	1.0116	0.7098	1.0977	0.8547
Yb-165	2.7426	2.5366	2.5527	3.2234	2.6603	1.9300	2.8198	2.6779
Yb-166	1.8123	1.6765	1.6417	2.0852	1.8498	1.3064	2.0192	1.5560
Yb-167	3.9790	3.8071	3.7475	4.5059	4.0360	2.9699	4.0469	4.0286
Yb-169	4.5807	4.2679	4.0905	4.9121	4.6454	3.4639	4.7194	4.4179
Yb-175	0.2350	0.2222	0.2202	0.2120	0.2343	0.1987	0.2168	0.2191
Yb-177	0.7359	0.7203	0.6982	0.7297	0.7732	0.5933	0.6754	1.0989
Yb-178	0.1864	0.1742	0.1797	0.1579	0.1838	0.1622	0.1696	0.1697
Yb-179	3.0393	2.8412	3.0749	2.5034	3.2144	2.6123	2.8364	3.4716
Zn-60	1.7069	1.5804	1.6220	1.4398	1.8124	1.4200	1.6451	1.9602
Zn-61	0.7167	0.6627	0.6774	0.5929	0.7411	0.6308	0.6689	0.9288
Zn-62	1.8733	1.7184	1.9849	1.9391	1.8189	1.4665	1.7222	2.1378
Zn-63	0.2804	0.2602	0.2752	0.2536	0.3015	0.2257	0.2599	0.4068
Zn-65	1.1667	1.0776	1.1821	1.3166	1.1504	0.8423	1.0384	1.7969
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.7072	1.5868	1.6923	1.3554	1.6601	1.5185	1.4998	1.5770
Zn-71	0.9315	0.8704	0.9107	0.7540	0.9417	0.8158	0.8317	0.9923
Zn-71m	5.0529	4.7233	5.0357	4.0180	5.1619	4.4537	4.5503	5.3099
Zn-72	2.0417	2.0243	2.1850	2.4615	1.9727	1.5288	1.6861	3.1484
Zr-85	1.5483	1.4450	1.5223	1.2669	1.5465	1.3706	1.3781	1.6040
Zr-86	2.7295	2.6527	2.9735	3.3115	2.8269	2.3266	2.4019	2.9647
Zr-87	0.1983	0.1893	0.2267	0.2432	0.2028	0.1608	0.1815	0.2716

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zr-88	2.1428	2.0198	2.3119	2.1261	2.0744	1.8497	1.8866	2.0568
Zr-89	1.8957	1.7813	1.8832	1.8992	2.0315	1.5379	1.7357	2.7186
Zr-89m	1.5935	1.4889	1.6605	1.3116	1.7026	1.3853	1.4776	1.8991
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4597	1.3648	1.3921	1.1695	1.6340	1.2177	1.3689	2.0991
Zr-97	1.7612	1.6492	1.6801	1.4289	1.9476	1.4838	1.6417	2.4576

Table 11: Composite 2 – 15 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.2499	0.2198	0.2808	0.2984	0.2036	0.1846	0.3182	0.2856
Ac-224	2.5207	2.2361	2.5409	2.9480	2.3990	2.0203	3.6418	1.8565
Ac-225	0.3242	0.2831	0.3509	0.3585	0.2612	0.2407	0.4090	0.3727
Ac-226	1.2223	1.1118	1.4021	1.3128	1.1659	1.0444	1.8068	0.8185
Ac-227	0.0670	0.0557	0.0812	0.0849	0.0417	0.0424	0.0786	0.1142
Ac-228	2.1482	1.9363	3.1150	2.4725	2.0397	1.8652	3.3509	1.8841
Ac-230	0.9685	0.8651	1.3266	1.0911	0.9131	0.8261	1.6396	0.9017
Ac-231	2.9314	2.7967	3.1881	3.3663	2.8343	2.5132	4.0116	1.7999
Ac-232	1.5038	1.2898	2.0685	1.7377	1.4315	1.3108	2.8218	1.4900
Ac-233	1.7880	1.7905	2.5655	2.0074	1.8110	1.6694	2.7142	1.2472
Ag-100m	2.7380	2.5588	4.1540	3.2101	2.7589	2.5012	5.3829	2.6537
Ag-101	2.3703	2.2556	3.0050	2.6526	2.3211	2.1233	3.6343	1.8188
Ag-102m	1.8501	1.6088	2.4628	2.1810	1.8291	1.6547	3.3854	1.5760
Ag-102	4.3994	4.1275	6.4726	5.0341	4.4136	3.9788	7.9525	3.9208
Ag-103	2.4063	2.2014	2.8736	2.5888	2.2929	2.0783	3.7563	1.7970
Ag-104	5.4036	5.0845	8.0439	6.0370	5.3568	4.8314	9.3788	4.9932
Ag-104m	2.3224	2.2024	3.2123	2.5878	2.3114	2.1410	3.7757	1.8715
Ag-105	2.8443	2.7477	3.3035	3.1583	2.6718	2.5269	3.6414	2.0704
Ag-105m	0.0287	0.0232	0.0370	0.0427	0.0182	0.0174	0.0352	0.0497
Ag-106	0.6000	0.5706	0.7336	0.5775	0.5581	0.5358	0.7162	0.5001
Ag-106m	6.7887	6.4525	9.8900	7.6343	6.7216	6.1021	11.1311	5.6117
Ag-108	0.0559	0.0548	0.0767	0.0599	0.0535	0.0525	0.0828	0.0501
Ag-108m	5.0075	4.9792	7.1609	5.6871	4.9530	4.6007	8.3343	4.1811
Ag-109m	0.3748	0.3214	0.3575	0.3365	0.3128	0.3018	0.3321	0.4200
Ag-110	0.0700	0.0710	0.1092	0.0821	0.0715	0.0681	0.1313	0.0666
Ag-110m	4.8277	4.5392	7.8008	5.6794	4.8826	4.4015	9.1947	4.7133
Ag-111	0.1378	0.1394	0.1625	0.1644	0.1345	0.1229	0.1891	0.0738
Ag-111m	0.2139	0.1841	0.2140	0.2034	0.1736	0.1721	0.1981	0.2487
Ag-112	1.1086	1.0643	1.6795	1.3065	1.1273	1.0512	2.0880	1.0014
Ag-113m	0.9880	0.9869	1.2231	1.1598	0.9575	0.8806	1.4340	0.6409
Ag-113	0.2998	0.2994	0.3562	0.3496	0.2944	0.2699	0.4181	0.1841
Ag-114	0.5113	0.4950	0.7444	0.5859	0.5213	0.4789	0.8838	0.4020
Ag-115	1.0184	0.9326	1.2875	1.2122	1.0095	0.9043	1.7406	0.7039
Ag-116	3.0046	2.7277	4.2146	3.4792	3.0261	2.7109	5.3120	2.3823
Ag-117	2.0053	1.7675	2.5168	2.3798	1.9743	1.7500	3.7618	1.4187
Ag-99	2.9302	2.7408	3.8080	3.3581	2.8787	2.5568	4.9817	2.3901
Al-26	1.4672	1.1459	1.8730	1.7505	1.4444	1.2526	3.1836	1.3267
Al-28	1.4254	1.1288	1.8411	1.6890	1.4029	1.2129	3.0757	1.2914
Al-29	1.4861	1.2402	2.1698	1.7162	1.4616	1.2008	3.0624	1.6683
Am-237	2.9362	2.7442	3.0480	3.2230	2.7359	2.4197	3.9283	2.1627
Am-238	2.8710	2.5376	3.7367	3.1936	2.7180	2.4346	4.1676	2.4418
Am-239	3.0891	2.7810	2.9647	3.3334	2.7920	2.4344	4.0045	2.5182

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-240	3.0910	2.6116	4.3673	3.4547	2.8723	2.6479	4.2083	2.7213
Am-241	0.7540	0.7728	0.7060	0.6454	0.7545	0.7666	0.6995	0.6707
Am-242	0.4364	0.3875	0.4315	0.4257	0.3548	0.3361	0.4978	0.4638
Am-242m	0.2800	0.2463	0.3040	0.2667	0.1978	0.2100	0.2879	0.3803
Am-243	0.9750	0.7956	0.7883	1.2686	0.9633	0.7575	1.1762	0.8131
Am-244	2.8320	2.6148	3.8456	2.9760	2.5755	2.3816	4.5777	2.9997
Am-244m	0.1670	0.1463	0.1913	0.1595	0.1288	0.1320	0.1838	0.2005
Am-245	0.3559	0.3283	0.3435	0.3930	0.3246	0.2877	0.5000	0.2725
Am-246	3.7959	3.5192	4.8167	4.0539	3.4417	3.2424	5.8692	3.6321
Am-246m	1.8819	1.6196	2.9814	2.1606	1.8042	1.6447	3.0636	1.8230
Am-247	1.3182	1.2279	1.2957	1.4849	1.2236	1.0791	1.8600	0.9442
Ar-37	0.0281	0.0215	0.0377	0.0456	0.0155	0.0148	0.0352	0.0570
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4544	1.2366	2.1658	1.6675	1.4308	1.1704	2.9685	1.6547
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.8288	1.5343	2.8664	2.1843	1.8228	1.6242	3.3619	1.6414
Ar-44	2.6167	2.2055	3.5559	3.0554	2.6135	2.3010	5.0811	1.8824
As-68	3.5240	3.0167	5.7148	4.2297	3.5311	3.2119	6.4023	3.1975
As-69	0.5242	0.4697	0.6481	0.6319	0.5005	0.4390	0.8684	0.4117
As-70	4.6529	3.9730	7.5271	5.5670	4.6424	4.2198	8.2621	4.1739
As-71	1.8960	1.6523	2.6700	2.2462	1.7531	1.5985	3.1217	1.5173
As-72	1.5447	1.4269	2.4306	1.8330	1.5252	1.3093	3.1056	1.6952
As-73	1.1028	0.8485	1.3979	1.7440	0.6493	0.6129	1.3455	2.0791
As-74	1.3538	1.3397	2.0561	1.6538	1.3139	1.2629	2.2750	1.3206
As-76	1.0235	1.0150	1.5288	1.1678	1.0482	0.9723	1.7215	0.7975
As-77	0.0482	0.0466	0.0547	0.0546	0.0478	0.0429	0.0704	0.0280
As-78	2.0935	1.9768	3.1821	2.4574	2.1181	1.9279	3.9680	1.9506
As-79	0.1029	0.1011	0.1504	0.1238	0.1022	0.0925	0.1669	0.0683
At-204	6.7431	6.6046	9.4467	7.8767	6.7719	6.0749	11.0061	5.3217
At-205	2.9638	2.6959	3.7725	3.4970	2.9284	2.4888	4.7949	2.7383
At-206	6.7738	6.4806	9.4171	8.0258	6.7594	5.9908	11.1631	5.3494
At-207	4.7775	4.3465	6.2810	5.6371	4.7270	4.0488	7.9895	4.3648
At-208	7.3264	6.7394	10.4592	8.6338	7.3268	6.5091	12.7214	6.5773
At-209	6.8838	6.4444	9.1115	7.9872	6.8519	5.7980	11.7847	6.3715
At-210	5.6808	4.9503	7.3069	6.6157	5.5097	4.6900	9.2809	5.1604
At-211	0.5947	0.4946	0.5352	0.7159	0.5643	0.4317	0.7314	0.5880
At-215	0.0008	0.0008	0.0011	0.0010	0.0008	0.0007	0.0012	0.0004
At-216	0.0323	0.0276	0.0292	0.0406	0.0311	0.0246	0.0424	0.0278
At-217	0.0016	0.0015	0.0016	0.0018	0.0015	0.0013	0.0022	0.0011
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.3834	2.3378	2.7265	2.7707	2.3318	2.1101	3.4559	1.4501
Au-186	3.4869	3.1400	4.3104	4.5352	3.4161	3.0237	5.5819	2.5835

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Au-187	2.7593	2.3359	3.2049	3.8669	2.5968	2.2773	4.2879	2.5599
Au-190	4.3246	3.8149	4.8721	5.6673	4.1823	3.7426	6.6591	3.2954
Au-191	3.5252	3.1736	3.9940	4.8836	3.3597	3.0043	5.0672	2.7975
Au-192	3.9856	3.5120	4.5346	5.2562	3.8496	3.4253	6.1224	3.1146
Au-193	2.0409	1.6902	1.9268	3.1277	1.9008	1.6552	2.7124	1.7334
Au-193m	1.6852	1.5594	1.7265	2.1187	1.5276	1.3799	2.2538	1.3886
Au-194	3.1684	2.8370	3.5849	4.2938	3.0408	2.7060	4.5836	2.4613
Au-195	1.6584	1.3095	1.4765	2.6646	1.4604	1.2548	2.0441	1.7305
Au-195m	1.7023	1.5775	1.7462	2.1462	1.5440	1.3952	2.2618	1.4011
Au-196	3.0287	2.8417	3.3812	4.1770	2.8904	2.5945	4.1141	2.0328
Au-196m	3.2072	2.7054	3.6201	4.3421	2.8966	2.5527	4.7761	2.8778
Au-198	1.6982	1.7114	2.3980	2.1303	1.6601	1.5118	2.7033	0.8951
Au-198m	5.0167	4.3626	5.3616	6.5073	4.8424	4.1597	7.0874	3.4547
Au-199	1.0304	0.8897	1.3471	1.1534	1.0021	0.8941	1.7132	0.6721
Au-200	0.5800	0.5457	0.8082	0.7039	0.5673	0.4992	0.9755	0.4446
Au-200m	7.7253	7.5530	10.2492	9.0306	7.6963	6.9456	12.4198	5.2933
Au-201	0.1739	0.1614	0.2296	0.2188	0.1602	0.1463	0.2603	0.1654
Au-202	0.3881	0.3637	0.5823	0.4626	0.3862	0.3455	0.6420	0.2856
Ba-124	1.8462	1.5405	2.0051	2.1061	1.7533	1.5380	2.6836	1.7073
Ba-126	2.4035	2.0900	2.6930	2.7826	2.2993	2.0408	3.4860	2.1550
Ba-127	0.9821	0.7831	0.9243	1.1451	0.9219	0.7913	1.4365	0.9544
Ba-128	1.0233	0.8128	0.7854	1.1516	0.9233	0.7998	1.2476	1.1414
Ba-129	1.1011	0.8810	0.9674	1.2883	1.0138	0.8760	1.5371	1.1389
Ba-129m	4.7522	4.2309	6.2643	5.5876	4.6355	4.1235	7.6946	3.9449
Ba-131	3.1116	2.7877	3.3428	3.6506	2.9970	2.6335	4.6144	2.4938
Ba-131m	1.2011	0.9802	0.9315	1.4104	1.1331	0.9038	1.6560	1.0789
Ba-133	3.2932	2.9086	3.1791	3.8735	3.1342	2.7018	4.2897	2.7658
Ba-133m	0.9349	0.7594	0.7729	1.0995	0.8277	0.7157	1.1678	1.0447
Ba-135m	0.8151	0.6563	0.6245	0.9291	0.7434	0.6361	1.0205	0.8658
Ba-137m	1.3976	1.4022	2.1357	1.6503	1.4262	1.3448	2.6282	1.3616
Ba-139	0.4007	0.3473	0.5506	0.3947	0.4047	0.3620	0.7120	0.2124
Ba-140	0.9663	0.8965	1.2424	1.1190	0.9103	0.8340	1.4126	0.8465
Ba-141	2.9860	2.8219	3.8388	3.5146	2.9694	2.6649	4.7293	1.9639
Ba-142	2.5763	2.2659	3.5415	3.0446	2.5444	2.2495	3.9985	2.0568
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1958	0.1972	0.2768	0.2211	0.1988	0.1809	0.2929	0.1136
Bi-197	3.4357	2.9500	4.6980	4.2315	3.3535	2.8668	5.4869	3.2622
Bi-200	7.7122	7.0796	10.6866	9.4246	7.6076	6.8292	11.2458	5.2883
Bi-201	3.4836	2.9610	4.6622	4.3086	3.4026	2.8894	5.7165	3.2967
Bi-202	6.8121	6.1666	9.9431	8.3871	6.7536	6.0744	10.7751	5.4060
Bi-203	4.3555	3.7562	5.7451	5.3440	4.2707	3.6183	7.6276	4.1601
Bi-204	6.7362	5.9300	9.8098	8.3256	6.6322	5.8712	10.7064	5.6053
Bi-205	3.2864	2.8250	4.3058	4.0759	3.2076	2.7798	5.4410	3.0684

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Bi-206	7.9999	7.3367	11.0831	9.5732	7.9517	6.8727	13.5709	7.0388
Bi-207	3.9842	3.5362	5.6779	4.8704	3.9582	3.5566	5.9914	3.3526
Bi-208	2.1629	1.5540	2.3314	2.8103	2.0367	1.7400	3.9586	2.0123
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5710	1.5413	1.6579	1.8582	1.5265	1.3776	2.1140	0.9706
Bi-211	0.2540	0.2516	0.3034	0.3181	0.2465	0.2219	0.3522	0.1478
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2617	0.2384	0.3683	0.3188	0.2330	0.2061	0.4481	0.3181
Bi-213	0.5478	0.5414	0.7456	0.6543	0.5433	0.4860	0.8317	0.3273
Bi-214	2.0112	1.8096	3.0149	2.3702	2.0209	1.8251	3.7955	1.8343
Bi-215	1.1190	1.0662	1.2718	1.3084	1.0963	0.9597	1.5547	0.7931
Bi-216	2.5902	2.6105	3.7270	2.9998	2.6246	2.4193	4.0741	1.6891
Bk-245	2.7305	2.4983	2.6067	3.0439	2.5045	2.1833	3.9319	2.0609
Bk-246	2.9846	2.7193	3.7524	3.2858	2.7469	2.4095	4.9427	3.0322
Bk-247	1.4261	1.2958	1.3044	1.5967	1.3993	1.1537	1.8917	0.9769
Bk-248m	0.6005	0.5463	0.6230	0.6407	0.5314	0.4831	0.8209	0.5367
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.6164	1.2762	2.8844	1.9166	1.5601	1.5058	2.2086	1.3561
Bk-251	1.3613	1.2214	1.3898	1.5226	1.2088	1.0822	2.1111	1.1355
Br-72	2.9563	2.6197	4.5938	3.4928	2.9354	2.5639	5.4989	2.7838
Br-73	1.6076	1.4600	2.0086	2.2270	1.5728	1.4203	2.5386	1.2242
Br-74	3.2194	2.7469	4.3393	4.1865	3.1963	2.8463	6.3075	3.0304
Br-74m	4.0132	3.6893	5.8955	4.9098	4.0269	3.6536	7.8648	3.9033
Br-75	2.2410	2.2135	2.6272	2.6268	2.1547	1.9700	3.1804	1.4468
Br-76	3.1449	2.8478	4.4385	3.7564	3.0892	2.8142	5.6124	2.8107
Br-76m	1.0884	0.9049	0.9810	1.2504	0.8665	0.7323	1.1028	1.2764
Br-77	1.7194	1.6279	2.1755	2.0474	1.5448	1.4294	2.4551	1.5900
Br-77m	0.4722	0.4167	0.4950	0.5393	0.3558	0.3244	0.5765	0.6032
Br-78	0.2454	0.2443	0.3724	0.2943	0.2384	0.2313	0.4177	0.2414
Br-80	0.1531	0.1515	0.2314	0.1849	0.1461	0.1414	0.2614	0.1600
Br-80m	0.9502	0.7857	0.9080	1.0450	0.7147	0.6115	1.0212	1.3230
Br-82m	0.3308	0.2913	0.3868	0.3808	0.2065	0.2122	0.3781	0.5461
Br-82	5.1123	4.9144	7.9158	5.9094	5.1839	4.6226	9.6248	4.8219
Br-83	0.0237	0.0239	0.0342	0.0264	0.0243	0.0224	0.0364	0.0158
Br-84m	4.7410	4.3852	7.2497	5.6267	4.7008	4.1359	8.5214	3.8793
Br-84	1.6547	1.3548	2.4288	2.0658	1.6443	1.4227	3.3021	1.5908
Br-85	0.1098	0.0987	0.1770	0.1288	0.1102	0.0955	0.2118	0.1079
C-10	1.4945	1.4942	2.3297	1.7410	1.5225	1.3550	3.0666	1.5666
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0503	0.0384	0.0673	0.0814	0.0276	0.0265	0.0629	0.1017
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.3174	1.1515	1.9576	1.5057	1.3031	1.0784	2.6315	1.4282

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ca-49	1.4221	0.9687	1.4653	2.1737	1.3691	1.2083	2.8349	1.2958
Cd-101	2.8856	2.4885	3.6259	3.1796	2.8219	2.4471	4.6797	2.5062
Cd-102	2.8172	2.6499	3.6881	3.0659	2.7185	2.5069	3.8986	2.1121
Cd-103	2.4971	2.1174	3.2614	2.7603	2.3631	2.1470	4.1294	2.3607
Cd-104	1.8973	1.6800	1.9755	1.9258	1.7783	1.5759	2.2711	1.8410
Cd-105	1.7417	1.5067	2.2561	1.8895	1.6378	1.5063	2.7227	1.6471
Cd-107	1.0944	0.9432	1.0500	0.9480	0.9037	0.8917	0.9418	1.2350
Cd-109	1.0190	0.8771	0.9778	0.8829	0.8382	0.8295	0.8715	1.1604
Cd-111m	2.3199	2.1793	2.5066	2.4834	2.2200	2.0320	3.3216	1.4902
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0009	0.0008	0.0009	0.0009	0.0008	0.0007	0.0010	0.0008
Cd-115	0.7400	0.7378	1.0235	0.8154	0.7508	0.6892	1.0926	0.4909
Cd-115m	0.0517	0.0442	0.0869	0.0610	0.0517	0.0461	0.0891	0.0468
Cd-117	2.1214	1.9631	2.8558	2.4666	2.0840	1.8394	3.4879	1.6645
Cd-117m	2.4425	2.0406	3.6316	2.9105	2.4357	2.1741	4.5899	2.1531
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5263	2.2672	3.3093	2.9830	2.4817	2.2057	4.3548	1.9233
Cd-119m	2.8452	2.3922	4.2690	3.3934	2.8266	2.5139	5.2825	2.5159
Ce-130	2.7721	2.3762	2.8216	3.2863	2.6537	2.2408	4.2819	2.3295
Ce-131	3.4121	3.0627	4.3906	3.9753	3.3135	2.9206	5.5221	2.7874
Ce-132	2.5729	2.1827	2.8449	2.8939	2.5113	2.1716	3.9002	1.8344
Ce-133	2.1045	1.6674	1.6257	2.3566	2.0227	1.5816	2.5194	2.0369
Ce-133m	4.8735	4.3409	5.9079	5.7356	4.7795	4.1442	7.6576	4.0876
Ce-134	0.7864	0.5721	0.5207	0.8830	0.7080	0.5558	0.9095	0.9527
Ce-135	3.5869	3.3225	4.1039	4.1147	3.5015	3.0884	5.2871	2.9651
Ce-137	0.9091	0.6732	0.6795	1.0611	0.7939	0.6347	1.0675	1.1471
Ce-137m	0.7841	0.6243	0.6066	0.8719	0.7248	0.5691	0.9257	0.7983
Ce-139	2.0011	1.6376	2.2606	2.0669	1.9424	1.6710	3.1220	1.5332
Ce-141	0.8590	0.7497	1.0179	0.9289	0.8504	0.7215	1.5780	0.5057
Ce-143	1.8057	1.6191	1.7616	2.1079	1.7415	1.4616	2.3028	1.4210
Ce-144	0.2584	0.2206	0.2397	0.3121	0.2503	0.1977	0.4426	0.1869
Ce-145	2.8798	2.5649	3.4015	3.4090	2.8187	2.3559	4.4556	2.6782
Cf-244	0.1015	0.0900	0.1081	0.0911	0.0731	0.0781	0.1009	0.1324
Cf-246	0.0699	0.0619	0.0743	0.0628	0.0504	0.0538	0.0695	0.0909
Cf-247	1.8450	1.6494	1.8334	1.9978	1.5647	1.4319	2.5331	1.7687
Cf-248	0.0840	0.0744	0.0894	0.0755	0.0608	0.0647	0.0837	0.1089
Cf-249	1.7501	1.7366	2.2323	2.1010	1.6452	1.5179	2.5596	1.0797
Cf-250	0.0801	0.0713	0.0904	0.0766	0.0622	0.0636	0.0918	0.0957
Cf-251	1.5836	1.4226	1.6450	1.7305	1.4389	1.2849	2.2920	1.2347
Cf-252	0.8118	0.7341	1.1051	0.9505	0.7919	0.7137	1.3730	0.6671
Cf-253	0.2347	0.2023	0.2507	0.2261	0.1707	0.1777	0.2384	0.3148
Cf-254	27.5181	24.9040	38.1394	32.8769	27.4343	24.4427	48.1462	21.4562
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.5869	1.2519	1.9899	1.9116	1.5720	1.3761	3.3498	1.1944
Cl-36	0.0004	0.0003	0.0005	0.0006	0.0002	0.0002	0.0005	0.0008
Cl-38	1.0655	0.8091	1.3290	1.2757	1.0462	0.9069	2.3222	0.9473
Cl-39	2.1811	1.9571	2.8998	2.4812	2.1379	1.8361	3.9171	1.9475
Cl-40	2.8229	2.2389	3.7326	3.5424	2.7706	2.3615	5.7889	2.7537
Cm-238	1.2147	1.0852	1.1133	1.3204	1.1074	0.9429	1.6734	0.9633
Cm-239	2.7795	2.4762	3.0558	3.1113	2.6542	2.3203	4.2940	1.7968
Cm-240	0.1099	0.0980	0.1180	0.0984	0.0780	0.0838	0.1126	0.1459
Cm-241	3.5350	3.3209	4.1348	3.8868	3.2702	2.9559	4.9816	2.7634
Cm-242	0.0986	0.0880	0.1058	0.0883	0.0699	0.0752	0.1010	0.1310
Cm-243	1.5840	1.4373	1.5751	1.7380	1.4142	1.2589	2.0470	1.3311
Cm-244	0.0847	0.0755	0.0909	0.0758	0.0600	0.0645	0.0868	0.1125
Cm-245	1.5745	1.3985	1.5302	1.6638	1.4267	1.2341	2.1067	1.2800
Cm-246	0.0734	0.0656	0.0807	0.0675	0.0538	0.0567	0.0795	0.0943
Cm-247	1.3953	1.4067	1.9186	1.7439	1.3547	1.2328	2.2026	0.7200
Cm-248	2.2084	1.9982	3.0413	2.6191	2.1835	1.9537	3.8184	1.7573
Cm-249	0.1449	0.1251	0.1989	0.2069	0.1073	0.1019	0.2079	0.2178
Cm-250	21.7153	19.6416	30.0839	25.9498	21.6443	19.2854	37.9701	16.9216
Cm-251	0.4858	0.4699	0.6350	0.5509	0.4723	0.4330	0.7364	0.3516
Co-54m	4.5928	4.1150	7.0774	5.5081	4.5231	3.9865	8.0892	3.7709
Co-55	2.0841	1.8175	3.4319	2.4804	2.0681	1.8552	3.5157	1.8368
Co-56	3.9311	3.2928	5.8921	4.7921	3.8304	3.2888	7.7370	4.1667
Co-57	1.6844	1.5057	1.7430	2.3279	1.4779	1.2526	3.1823	1.4785
Co-58	1.7057	1.6079	2.6161	2.0379	1.6393	1.3630	3.5434	2.0925
Co-58m	0.2016	0.1539	0.2699	0.3261	0.1109	0.1064	0.2520	0.4078
Co-60	2.9557	2.4677	4.6417	3.4375	2.9181	2.4683	5.6739	3.1347
Co-60m	0.2449	0.1873	0.3141	0.3975	0.1448	0.1370	0.3063	0.4635
Co-61	0.9774	0.7618	0.7602	1.7107	0.9791	0.8416	1.2505	0.6845
Co-62	1.7277	1.3714	2.7080	2.0661	1.7086	1.4888	3.2341	1.6911
Co-62m	3.0644	2.4623	4.8264	3.6451	3.0348	2.6440	5.7581	3.0186
Cr-48	2.9947	2.8911	3.0429	3.6272	2.9106	2.5161	4.3183	1.7658
Cr-49	1.1983	1.0190	1.2112	1.4147	1.2348	1.0057	1.7651	0.6742
Cr-51	0.2818	0.2592	0.3429	0.3834	0.2270	0.2110	0.3562	0.3197
Cr-55	0.0006	0.0005	0.0009	0.0007	0.0006	0.0005	0.0013	0.0006
Cr-56	1.5486	1.2602	1.3145	1.7667	1.5267	1.1657	1.7908	1.4500
Cs-121	1.1461	1.0453	1.4580	1.2773	1.1308	1.0134	1.8375	0.7969
Cs-121m	2.1270	1.9296	2.6664	2.4730	2.1006	1.8798	3.3251	1.4176
Cs-123	1.5917	1.4108	1.7445	1.7953	1.5532	1.3445	2.2631	1.4274
Cs-124	0.6679	0.6355	0.8453	0.7989	0.6491	0.5860	1.0094	0.4621
Cs-125	1.4821	1.3283	1.7105	1.6813	1.4300	1.2754	2.1614	1.3219
Cs-126	1.1403	1.0870	1.5232	1.3862	1.1030	0.9977	1.7687	0.7739
Cs-127	2.3604	2.1530	2.7005	2.8180	2.2315	1.9935	3.4796	1.8938

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cs-128	0.8263	0.7578	1.0128	0.9568	0.7947	0.7153	1.1917	0.6589
Cs-129	2.1595	1.8902	2.2238	2.5066	2.0014	1.7796	2.8642	1.9713
Cs-130m	1.4793	1.1344	1.1295	1.7108	1.3820	1.1131	1.8396	1.6139
Cs-130	0.5223	0.4094	0.4477	0.5755	0.4700	0.4135	0.6444	0.6238
Cs-131	0.7541	0.5584	0.5413	0.8264	0.6570	0.5718	0.8567	0.9816
Cs-132	2.2784	2.1057	2.9359	2.6240	2.2218	2.0434	3.7818	2.4356
Cs-134	3.4777	3.4728	5.3212	4.0088	3.5467	3.1772	6.7252	3.3468
Cs-134m	0.5871	0.4665	0.5123	0.7502	0.4988	0.4271	0.8762	0.7040
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.0176	2.8739	4.7256	3.4784	3.0354	2.5312	6.3782	3.3705
Cs-136	4.4843	4.0242	6.8130	5.2872	4.4689	3.9407	7.7220	3.8592
Cs-137	2.1311	2.1612	2.1123	2.0503	2.1184	2.1890	2.1013	1.9732
Cs-138m	1.3623	1.1734	1.5654	1.5807	1.3043	1.1350	2.0821	1.2187
Cs-138	3.0490	2.6468	4.5450	3.5909	3.0289	2.6805	5.4619	2.5384
Cs-139	0.3008	0.2521	0.4245	0.3578	0.2977	0.2558	0.6083	0.2980
Cs-140	2.0484	1.8064	2.9611	2.4646	2.0587	1.8743	3.8837	1.7971
Cu-57	0.1539	0.1243	0.2619	0.1860	0.1530	0.1374	0.2642	0.1430
Cu-59	0.7871	0.7264	1.1601	0.9245	0.7791	0.6788	1.4000	0.6872
Cu-60	2.9586	2.4687	4.2123	3.5170	2.9126	2.4737	6.0233	2.9993
Cu-61	0.6694	0.6244	0.8832	0.8604	0.6205	0.5707	1.0311	0.6393
Cu-62	0.0149	0.0119	0.0224	0.0204	0.0121	0.0109	0.0241	0.0210
Cu-64	0.1274	0.0979	0.1716	0.2030	0.0730	0.0691	0.1647	0.2515
Cu-66	0.1457	0.1131	0.2747	0.1788	0.1459	0.1380	0.2137	0.1158
Cu-67	1.0282	0.8969	1.2277	1.1949	1.0320	0.8810	1.6007	0.5759
Cu-69	0.9013	0.7820	1.5454	1.0713	0.9080	0.8320	1.4977	0.7661
Dy-148	2.3151	2.1650	2.9573	2.7031	2.3015	2.0393	3.4556	2.0109
Dy-149	3.5291	3.0131	4.1848	4.0704	3.4458	2.8132	5.3928	3.1123
Dy-150	1.6067	1.5032	1.9108	1.9779	1.5340	1.3015	2.2203	0.9894
Dy-151	3.5871	3.1911	4.6883	4.2087	3.4872	2.9924	5.4230	2.9393
Dy-152	2.3968	2.1985	2.1823	2.7041	2.2899	1.9346	2.9334	1.5873
Dy-153	4.0459	3.4812	4.1895	4.6694	3.9141	3.1558	5.1762	3.0892
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.8796	2.5010	3.1524	3.3856	2.7987	2.3409	3.8966	2.0703
Dy-157	2.4848	2.3194	2.4836	2.9173	2.3852	2.0173	2.8914	1.6070
Dy-159	1.0108	0.7818	0.7200	1.1668	0.9324	0.6653	0.9137	0.8711
Dy-165m	0.2796	0.2292	0.2956	0.3721	0.2264	0.1884	0.3365	0.3350
Dy-165	0.1964	0.1684	0.1817	0.2328	0.1894	0.1531	0.2302	0.1487
Dy-166	0.7918	0.6259	0.6228	0.9887	0.7253	0.5571	0.8136	0.7148
Dy-167	2.3518	2.2847	2.8023	2.7320	2.3192	2.0976	3.3695	1.5926
Dy-168	2.0910	1.9352	2.6002	2.4968	2.0604	1.8167	3.0856	1.3506
Er-154	1.2041	0.9380	0.9532	1.4405	1.0482	0.8557	1.1587	1.2484
Er-156	1.5118	1.1731	1.2673	1.9199	1.2875	1.0261	1.6019	1.6558
Er-159	2.7805	2.5082	3.4128	3.3250	2.7227	2.3953	4.2163	2.2998

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Er-161	2.8998	2.5313	3.5715	3.4786	2.8002	2.3255	4.5396	2.6838
Er-163	0.8319	0.6471	0.5930	1.0243	0.7553	0.5815	0.7719	0.7046
Er-165	0.8032	0.6243	0.5737	0.9909	0.7273	0.5601	0.7453	0.6863
Er-167m	0.8572	0.7409	0.9231	1.1132	0.8198	0.7140	1.2081	0.5509
Er-169	0.0058	0.0045	0.0078	0.0094	0.0032	0.0031	0.0073	0.0117
Er-171	2.5774	2.4515	2.5817	3.1598	2.4733	2.1789	3.3969	1.6038
Er-172	2.3416	2.1966	2.8694	2.9789	2.2686	2.0510	3.4104	1.6674
Er-173	3.6183	3.1461	4.3982	4.5973	3.5541	3.0593	5.8603	2.5083
Es-249	2.6372	2.4723	2.9995	3.0838	2.4454	2.1730	4.1838	1.9772
Es-250	7.1873	6.6070	8.2530	7.9289	6.4408	5.8344	10.8953	6.6893
Es-250m	2.1882	1.9161	2.6658	2.5072	2.0205	1.8136	3.4103	1.8499
Es-251	1.6896	1.5129	1.6980	1.8638	1.4612	1.3255	2.5061	1.5272
Es-253	0.0287	0.0252	0.0311	0.0278	0.0210	0.0218	0.0301	0.0372
Es-254	0.9864	0.8501	1.0822	1.0236	0.6950	0.7252	1.0422	1.3783
Es-254m	1.4227	1.3867	2.0244	1.5876	1.3583	1.2961	2.4035	1.4755
Es-255	0.0011	0.0010	0.0016	0.0013	0.0011	0.0010	0.0020	0.0009
Es-256	0.1488	0.1284	0.1554	0.1380	0.1112	0.1154	0.1462	0.1934
Eu-142	0.3623	0.3183	0.4837	0.4152	0.3588	0.2918	0.6972	0.3691
Eu-142m	5.3768	4.9301	8.6026	6.3111	5.4036	4.8825	9.1254	4.7404
Eu-143	0.6188	0.4933	0.7292	0.7040	0.6029	0.4701	0.9404	0.5577
Eu-144	0.2793	0.2268	0.3214	0.3138	0.2712	0.2091	0.4558	0.2595
Eu-145	2.6058	2.2037	3.4334	2.9868	2.5703	2.0874	4.0975	2.3942
Eu-146	4.8744	4.5571	6.8952	5.6417	4.8903	4.2191	8.7579	4.7153
Eu-147	2.3698	2.0017	2.5474	2.7651	2.3203	1.7862	3.3272	1.8850
Eu-148	6.0671	5.8135	8.5886	6.9710	6.1263	5.4785	9.6676	4.8749
Eu-149	1.0592	0.8525	0.8829	1.1711	0.9802	0.6793	1.0430	0.9792
Eu-150	5.7469	5.5557	7.4126	6.6987	5.6905	4.9779	8.4058	3.9660
Eu-150m	0.2216	0.2008	0.2424	0.2565	0.2143	0.1717	0.2822	0.1578
Eu-152	3.2220	2.8220	4.0364	3.7942	3.1502	2.5874	4.9502	2.6069
Eu-152m	0.8554	0.7263	1.1069	0.9994	0.8388	0.6722	1.2992	0.7486
Eu-152n	1.1771	0.9616	0.9942	1.3772	1.1370	0.8249	1.3312	1.0290
Eu-154	2.7274	2.4082	3.7771	3.3031	2.6893	2.2997	4.8572	2.3651
Eu-154m	1.3649	1.0716	1.1249	1.8557	1.2414	0.9721	1.5456	1.3414
Eu-155	0.8707	0.7199	0.6824	0.9966	0.8714	0.6307	1.0127	0.6288
Eu-156	1.7075	1.4275	2.4103	2.0211	1.6922	1.4472	3.1257	1.6308
Eu-157	1.9463	1.7229	2.0635	2.5231	1.8521	1.5520	2.4960	1.4497
Eu-158	2.2563	1.8694	3.5212	2.7017	2.2386	1.9575	3.6644	2.0379
Eu-159	1.9382	1.6020	1.8255	2.3200	1.8897	1.4546	2.3936	1.5953
F-17	0.0005	0.0005	0.0009	0.0006	0.0005	0.0005	0.0010	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.5237	1.3424	2.2103	1.5595	1.5263	1.3870	2.7664	0.7703
Fe-53	0.7321	0.7390	0.9870	0.9186	0.7101	0.6487	1.1305	0.3839
Fe-53m	4.2985	3.7439	7.0393	5.1003	4.3096	3.8718	7.8879	4.1060

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fe-55	0.1670	0.1275	0.2236	0.2703	0.0917	0.0880	0.2088	0.3380
Fe-59	1.5582	1.2783	2.5620	1.8428	1.5458	1.3506	2.7896	1.5141
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.1111	1.7870	3.2680	2.5250	2.0930	1.8802	3.5128	1.7511
Fe-62	1.9122	1.9244	2.7086	2.0931	1.9648	1.7898	2.8207	1.1686
Fm-251	1.6798	1.5133	1.7663	1.9712	1.4926	1.3259	2.6809	1.4499
Fm-252	0.0755	0.0662	0.0796	0.0681	0.0557	0.0587	0.0745	0.0967
Fm-253	1.3716	1.2201	1.4034	1.4658	1.1378	1.0724	1.8670	1.3951
Fm-254	0.0874	0.0770	0.0959	0.0820	0.0674	0.0692	0.0948	0.1064
Fm-255	0.7978	0.6941	0.8585	0.7657	0.5759	0.6051	0.8285	1.0674
Fm-256	20.4704	18.5501	28.3875	24.4304	20.4066	18.1842	35.8371	16.0081
Fm-257	1.7794	1.5999	1.8353	1.9647	1.5744	1.4345	2.5863	1.5197
Fr-212	3.1120	2.7289	3.7861	3.6202	2.9820	2.5210	4.8991	2.8162
Fr-219	0.0186	0.0182	0.0233	0.0217	0.0183	0.0164	0.0268	0.0112
Fr-220	0.1931	0.1648	0.1984	0.2215	0.1657	0.1400	0.2439	0.2125
Fr-221	0.2323	0.2107	0.2529	0.2818	0.2279	0.1985	0.3397	0.1412
Fr-222	1.3733	1.2257	1.5511	1.6447	1.2876	1.1474	2.0384	0.9892
Fr-223	0.8788	0.7442	0.7623	0.9726	0.7812	0.6654	0.9627	0.7959
Fr-224	1.6444	1.4864	2.0573	1.9620	1.5876	1.3848	2.8321	1.2897
Fr-227	2.4672	2.2520	2.7761	2.9195	2.4354	2.0878	3.4869	1.8227
Ga-64	2.1792	1.7170	3.3377	2.7424	2.1559	1.9071	4.0625	2.0081
Ga-65	1.4533	1.2766	1.5932	1.9248	1.3669	1.1558	2.4829	1.1824
Ga-66	1.5921	1.1936	2.3142	2.1199	1.4998	1.3270	2.8859	1.6346
Ga-67	1.6614	1.4432	1.8930	2.1285	1.4636	1.2523	2.2324	1.6136
Ga-68	0.0956	0.0746	0.1523	0.1324	0.0771	0.0718	0.1392	0.1301
Ga-70	0.0159	0.0128	0.0271	0.0195	0.0153	0.0143	0.0242	0.0130
Ga-72	3.3541	2.9433	5.0342	3.9663	3.3572	2.9342	6.8043	3.2891
Ga-73	2.3088	2.1826	2.6694	2.9501	2.0319	1.8631	3.0164	2.0996
Ga-74	3.8055	3.3823	5.4436	4.5230	3.8312	3.4972	7.1947	3.2538
Gd-142	1.4843	1.3167	1.7800	1.6790	1.4628	1.2179	2.2074	1.1533
Gd-143m	4.0285	3.6754	4.7718	4.6155	3.9477	3.3442	6.0677	3.1612
Gd-144	0.9571	0.7863	0.9963	1.0956	0.9235	0.7228	1.3175	0.8019
Gd-145m	1.6383	1.5854	2.3574	1.9465	1.5991	1.4034	3.0419	1.7435
Gd-145	2.3015	1.8062	2.7550	2.7212	2.2448	1.8401	4.0953	2.0715
Gd-146	3.6692	3.0573	3.3139	4.0777	3.5624	2.6424	4.9776	2.5694
Gd-147	4.8206	4.4015	6.1049	5.6790	4.7383	4.0438	7.2019	3.5575
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.2942	2.9709	3.6739	3.6500	3.2223	2.6391	4.6468	2.2912
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.2218	0.9818	1.0744	1.3549	1.1264	0.8173	1.3100	1.0880
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	1.8697	1.4926	1.3870	2.0280	1.8124	1.2386	1.8380	1.4626
Gd-159	0.4220	0.3762	0.4167	0.5124	0.4013	0.3291	0.4993	0.2874

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Gd-162	1.8246	1.8214	2.5292	2.2390	1.7778	1.6069	2.8074	1.0468
Ge-66	2.5913	2.3689	3.1082	3.2700	2.3675	2.0757	3.6498	2.1982
Ge-67	1.6978	1.4983	2.5256	1.7701	1.7119	1.5428	3.1462	0.9998
Ge-68	0.4096	0.3132	0.5479	0.6611	0.2253	0.2164	0.5118	0.8276
Ge-69	1.4502	1.2288	2.2901	1.8520	1.3102	1.1939	2.3340	1.6500
Ge-71	0.4154	0.3176	0.5557	0.6706	0.2285	0.2195	0.5191	0.8394
Ge-75	0.2151	0.2120	0.2275	0.2474	0.2103	0.1912	0.3009	0.1187
Ge-77	3.6654	3.5180	4.7369	4.3706	3.6409	3.2919	5.8551	2.3585
Ge-78	1.6536	1.6594	1.7359	1.8900	1.6126	1.4725	2.2153	0.9086
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.7076	1.5870	1.7001	2.2352	1.6223	1.4588	2.0806	1.1074
Hf-169	2.7742	2.5671	3.2427	3.5313	2.7055	2.4177	3.7382	1.8899
Hf-170	3.1135	2.7141	3.4077	4.1218	2.9422	2.6150	4.4348	2.4270
Hf-172	2.1939	1.7428	1.8669	3.2526	1.8973	1.6515	2.5996	2.1598
Hf-173	3.6570	3.2677	3.4846	4.9875	3.4679	3.0027	5.6737	2.4088
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.5799	2.3598	2.6323	3.4960	2.4259	2.1688	3.2122	1.7383
Hf-177m	14.8625	13.9572	16.3525	18.9484	14.3472	12.9173	20.9868	9.1796
Hf-178m	11.4998	10.9838	13.9829	14.1062	11.3368	10.1462	16.5466	7.3041
Hf-179m	6.1536	5.6828	7.1419	8.0035	5.8890	5.2807	9.1449	3.9492
Hf-180m	5.7972	5.4791	6.7274	7.4271	5.6386	5.0642	8.0608	3.5122
Hf-181	2.9345	2.7938	3.6254	3.6818	2.8721	2.5673	4.6570	1.8676
Hf-182	1.6440	1.5839	1.7023	1.9518	1.5888	1.4408	2.2641	0.9709
Hf-182m	4.6767	4.2603	5.5155	6.0650	4.5118	4.0251	6.7394	3.2912
Hf-183	2.4575	2.2779	3.0940	3.1529	2.4526	2.0704	4.2447	2.1775
Hf-184	2.4884	2.1777	2.8764	3.3479	2.1787	1.9248	3.7211	2.2765
Hg-190	2.6992	2.2768	2.8616	3.7210	2.5275	2.1771	4.2786	2.1860
Hg-191m	5.4966	5.0448	6.5443	7.0695	5.2929	4.7175	8.1859	4.3458
Hg-192	2.8775	2.5080	2.8253	3.9798	2.6750	2.3326	3.8218	2.3951
Hg-193	3.0045	2.5587	3.5350	4.1408	2.8383	2.4657	4.5164	2.7018
Hg-193m	3.1937	2.8642	4.0492	4.2376	3.0874	2.7236	4.9168	2.6448
Hg-194	0.2268	0.1814	0.2916	0.3335	0.1296	0.1278	0.2753	0.4330
Hg-195	1.6849	1.3793	1.7051	2.5433	1.5140	1.3032	2.2711	1.7674
Hg-195m	1.9786	1.7205	2.1295	2.7285	1.6961	1.5166	2.5966	2.1106
Hg-197	1.4493	1.1509	1.3117	2.2177	1.2960	1.0750	1.8020	1.5474
Hg-197m	1.4285	1.2199	1.4825	2.0032	1.2544	1.0807	2.2028	1.3973
Hg-199m	2.0006	1.7174	2.4063	2.4757	1.8961	1.6627	3.0594	1.5425
Hg-203	1.5372	1.5061	1.5831	1.8137	1.4913	1.3424	2.0360	0.9265
Hg-205	0.0422	0.0368	0.0475	0.0560	0.0419	0.0363	0.0639	0.0248
Hg-206	0.7095	0.6938	0.7670	0.8684	0.6908	0.6199	0.9264	0.4568
Hg-207	4.1519	3.6014	5.9595	5.0961	4.0796	3.6802	6.6909	3.1008
Ho-150	2.2572	2.1634	3.4021	2.6150	2.2719	1.9490	4.4076	2.3262
Ho-153	2.5637	2.3802	2.8592	3.0382	2.4946	2.1635	3.4801	1.8293

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-153m	2.8796	2.6257	3.3289	3.3541	2.8101	2.4108	4.1098	1.9689
Ho-154m	7.3278	7.1823	9.7581	8.6871	7.2424	6.4838	10.9938	4.7147
Ho-154	3.5819	3.4200	4.6933	4.2610	3.5250	3.1548	5.3320	2.4761
Ho-155	2.2686	1.9634	2.3274	2.6963	2.1599	1.7900	2.9720	1.6826
Ho-156	4.5006	4.0402	5.4084	5.3077	4.3850	3.7936	7.2841	3.3481
Ho-157	3.4208	2.9902	3.4330	4.0616	3.2714	2.7134	4.2864	2.4987
Ho-159	3.5746	3.0875	3.2891	4.3302	3.4084	2.7581	4.8819	2.5215
Ho-160	4.5196	3.9770	6.2624	5.3919	4.4608	3.8570	7.0478	4.0065
Ho-161	1.3569	1.0670	1.0912	1.5831	1.2042	0.9489	1.3070	1.3420
Ho-162	1.1552	0.9075	0.9245	1.3837	1.0653	0.7966	1.1958	1.0348
Ho-162m	2.4631	2.0418	2.7225	2.9993	2.3086	1.9138	3.2842	2.1173
Ho-163	0.0067	0.0051	0.0090	0.0108	0.0037	0.0035	0.0084	0.0136
Ho-164	0.6297	0.4903	0.4643	0.7631	0.5739	0.4286	0.5963	0.5555
Ho-164m	1.1885	0.9166	0.9834	1.5611	1.0020	0.7919	1.1932	1.2886
Ho-166	0.2477	0.1965	0.2243	0.3235	0.2220	0.1739	0.2910	0.2580
Ho-166m	5.2394	4.9394	7.0866	6.1670	5.2101	4.5509	9.1401	4.2981
Ho-167	2.0631	2.0192	2.3676	2.5258	1.9977	1.7919	2.7606	1.1921
Ho-168	2.0095	1.8801	2.8826	2.3774	1.9940	1.6855	3.8574	2.0766
Ho-168m	0.2303	0.1777	0.2249	0.3216	0.1742	0.1442	0.2450	0.3098
Ho-170	4.5228	3.9371	6.3244	5.4062	4.4401	3.9085	7.0433	3.6450
I-118m	6.4939	6.2830	10.0098	7.5682	6.5908	6.1540	11.3189	5.6455
I-118	2.2547	2.1870	3.3916	2.6178	2.2875	2.1302	3.9589	1.9591
I-119	2.1793	2.0526	2.2577	2.4401	2.0790	1.8930	2.9658	1.6121
I-120	2.8023	2.5306	3.8534	3.2737	2.7899	2.5294	4.9128	2.4444
I-120m	5.7843	5.5723	8.6094	6.7054	5.8623	5.4667	9.9456	4.8989
I-121	2.2706	1.9821	2.4533	2.6712	2.1713	1.9509	3.1660	1.7644
I-122	0.5551	0.5150	0.7111	0.6179	0.5400	0.4971	0.8399	0.5252
I-123	2.1594	1.8200	2.6666	2.0802	2.0661	1.8839	3.3460	1.6995
I-124	2.1008	1.9234	2.7649	2.3824	2.0439	1.8905	3.4080	2.0902
I-125	1.5015	1.1529	1.2158	1.5750	1.2883	1.1578	1.5741	1.9429
I-126	1.6191	1.5431	2.1263	1.9041	1.5590	1.4321	2.5505	1.4075
I-128	0.3088	0.2979	0.4085	0.3581	0.3010	0.2743	0.4512	0.2137
I-129	0.7918	0.5875	0.5629	0.8586	0.6992	0.5887	0.8801	0.9950
I-130m	0.5165	0.4676	0.6267	0.5837	0.4885	0.4468	0.7196	0.4995
I-130	5.3897	5.3945	8.1401	6.2431	5.4875	5.0081	9.6720	4.5453
I-131	1.8794	1.8715	1.8285	1.8404	1.8630	1.9519	1.7967	1.7092
I-132	4.5301	4.4189	7.0308	5.2774	4.6018	4.1386	8.7405	4.3857
I-132m	1.2698	1.1710	1.6545	1.4374	1.2143	1.1064	2.0588	1.2945
I-133	1.8713	1.8648	2.7286	2.0909	1.9170	1.7551	2.9469	1.3064
I-134m	2.3023	2.0752	2.1757	2.5616	2.1585	1.9265	2.9045	1.9183
I-134	4.6769	4.2660	7.5197	5.5096	4.7016	4.1654	8.6760	4.3482
I-135	2.0215	1.7294	3.0806	2.3730	2.0046	1.7494	3.7374	1.8797
In-103	3.1794	2.8180	4.5309	3.7823	3.1729	2.8118	5.8302	2.6159

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-105	2.8268	2.5894	3.6618	3.3302	2.7702	2.4754	5.0615	2.2792
In-106	5.5196	5.1015	9.0120	6.4991	5.5760	5.1911	9.4295	4.8279
In-106m	2.4510	2.2524	3.5769	2.9543	2.4659	2.3030	4.6842	2.2615
In-107	2.6878	2.3821	3.3927	3.1074	2.6025	2.3488	4.2288	2.1248
In-108	7.1233	6.4746	10.7954	8.2739	7.0566	6.4772	12.0110	6.3906
In-108m	2.6001	2.3109	3.5530	3.1375	2.5586	2.3570	4.7715	2.5014
In-109	2.6195	2.3340	3.1955	3.0219	2.5130	2.2922	3.7745	2.0467
In-109m	1.4178	1.4415	2.2180	1.6721	1.4512	1.3945	2.6338	1.3416
In-110	6.5933	6.0906	10.4516	7.6217	6.5566	6.0683	11.2959	6.2913
In-110m	1.9338	1.8680	2.8226	2.2258	1.9231	1.8203	3.4496	1.8980
In-111	3.6404	3.3271	4.2090	3.7840	3.4933	3.2141	5.2589	2.3669
In-111m	1.6616	1.6625	2.3668	1.8365	1.6912	1.5670	2.5136	1.1654
In-112	0.3421	0.3044	0.3849	0.3341	0.3013	0.2932	0.3865	0.3791
In-112m	0.7621	0.6397	0.8303	0.7157	0.6703	0.6321	0.8841	0.7941
In-113m	1.3458	1.3183	1.7733	1.6275	1.2716	1.1707	1.9709	0.8576
In-114	0.0068	0.0060	0.0082	0.0069	0.0062	0.0057	0.0092	0.0074
In-114m	0.7013	0.6100	0.8039	0.7491	0.6424	0.5950	0.9059	0.6607
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.1162	1.0741	1.2493	1.2565	1.0414	0.9663	1.3497	0.8312
In-116m	3.2764	2.8096	5.0028	3.8766	3.2373	2.8037	6.1328	3.0611
In-117	3.1234	2.9842	4.6161	3.2036	3.1928	2.9556	5.3100	1.8971
In-117m	0.7645	0.7098	0.9155	0.7874	0.7296	0.6755	1.0407	0.5307
In-118m	4.0914	3.5324	6.6977	4.8512	4.0921	3.6555	7.3410	3.8931
In-118	0.1019	0.0874	0.1560	0.1178	0.1011	0.0859	0.1947	0.1055
In-119	1.6982	1.6510	2.5077	1.9256	1.6772	1.4313	3.4532	1.9505
In-119m	0.2012	0.1726	0.2592	0.2217	0.1825	0.1686	0.2598	0.2077
In-121	1.6760	1.4462	2.8836	2.0068	1.6820	1.5387	2.7863	1.4550
In-121m	0.6429	0.5095	0.5799	0.8233	0.5771	0.5321	0.6798	0.6605
Ir-180	3.8477	3.5533	4.7767	5.0873	3.7126	3.3476	6.2545	3.0821
Ir-182	3.6184	3.2699	4.2165	4.8937	3.4479	3.0747	5.7478	2.8026
Ir-183	3.6356	3.1057	4.0746	5.3057	3.4119	3.0512	5.4790	3.1485
Ir-184	5.6284	5.0294	6.8551	7.5427	5.3923	4.8360	8.7791	4.4372
Ir-185	3.2236	2.6541	3.3944	4.8587	2.9084	2.5987	4.6620	3.0947
Ir-186	5.4410	4.9489	6.5612	7.3105	5.2289	4.7029	8.6115	4.2048
Ir-186m	3.0458	2.6673	3.8816	4.1956	2.9307	2.6231	5.1864	2.7391
Ir-187	2.1979	1.8112	2.3781	3.5105	1.9969	1.8154	2.9815	2.0461
Ir-188	3.8139	3.1674	4.6475	5.1778	3.6721	3.2995	6.6304	3.2703
Ir-189	1.4270	1.1258	1.2858	2.4434	1.2335	1.1157	1.7823	1.4591
Ir-190	6.3595	6.0119	8.3054	8.2676	6.2578	5.7434	9.8345	4.4608
Ir-190m	0.2280	0.1759	0.3026	0.3617	0.1263	0.1220	0.2832	0.4558
Ir-190n	1.1365	0.8816	0.9776	1.9954	1.0005	0.8985	1.4300	1.1146
Ir-191m	1.3924	1.1369	1.3461	2.2500	1.1909	1.0516	2.0629	1.4412
Ir-192	3.9025	3.9235	4.7101	4.6657	3.8520	3.5316	5.3364	2.2907

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-192m	0.2535	0.2001	0.3297	0.3844	0.1432	0.1399	0.3102	0.4925
Ir-192n	0.5335	0.4215	0.6897	0.8086	0.3048	0.2974	0.6536	1.0256
Ir-193m	0.2299	0.1778	0.3015	0.3643	0.1297	0.1249	0.2851	0.4520
Ir-194	0.3447	0.3428	0.4226	0.4155	0.3383	0.3099	0.4813	0.2128
Ir-194m	8.4456	8.4967	11.5129	10.0179	8.4499	7.7867	12.9900	5.6539
Ir-195	1.0844	0.8643	0.9748	1.7006	0.9623	0.8243	1.3530	1.1004
Ir-195m	2.2216	2.0534	2.5751	2.9669	2.1150	1.8916	3.1978	1.6672
Ir-196	0.7140	0.7060	0.9663	0.8653	0.7036	0.6263	1.1673	0.5091
Ir-196m	9.0685	9.0639	12.6064	10.9680	8.9917	8.2423	14.2657	5.9753
K-38	1.4509	1.0121	1.6313	1.7863	1.4239	1.2444	3.3123	1.2566
K-40	0.1561	0.1338	0.2302	0.1799	0.1519	0.1275	0.3113	0.1627
K-42	0.2642	0.2287	0.3872	0.3015	0.2596	0.2200	0.5239	0.2545
K-43	3.1562	3.2074	4.5474	3.8435	3.1552	2.9640	5.1573	2.0840
K-44	2.2458	1.7804	3.3365	2.7485	2.2210	1.9441	4.3246	2.1101
K-45	2.5579	2.1467	3.5742	2.8798	2.5618	2.2592	4.9532	1.8129
K-46	2.2003	1.7879	3.0125	2.7401	2.1598	1.7404	4.6605	2.4446
Kr-74	2.0301	1.8446	2.1780	2.5306	1.9566	1.6930	2.9882	1.4087
Kr-75	1.7936	1.6403	2.1807	2.1121	1.7398	1.5123	3.5585	1.1425
Kr-76	2.7056	2.6146	3.0995	3.1438	2.4821	2.2577	3.5906	2.0651
Kr-77	1.8796	1.7418	2.1220	2.3312	1.8155	1.5701	3.8373	1.0857
Kr-79	1.0904	1.0406	1.3534	1.2809	0.9362	0.8861	1.5327	1.0674
Kr-81	0.3966	0.3498	0.4621	0.4557	0.2462	0.2545	0.4487	0.6543
Kr-81m	1.0853	0.9661	1.3742	1.2826	1.0636	0.9611	1.7581	0.5951
Kr-83m	0.1781	0.1535	0.2120	0.2162	0.1085	0.1114	0.2047	0.3046
Kr-85	0.0082	0.0082	0.0117	0.0090	0.0084	0.0077	0.0122	0.0051
Kr-85m	1.3554	1.2487	1.8329	1.3788	1.3553	1.2265	2.4925	0.6594
Kr-87	1.3268	1.2356	1.8534	1.6545	1.2975	1.1633	2.3724	0.8730
Kr-88	2.0483	1.6464	2.6427	2.4484	2.0130	1.7639	4.0493	1.6761
Kr-89	2.6506	2.3765	3.7401	3.2006	2.6451	2.3476	4.7941	2.1824
La-128	5.1744	4.8978	7.1267	6.0012	5.1547	4.7006	8.0295	3.7862
La-129	1.9990	1.8244	2.1135	2.3136	1.9323	1.6947	2.8766	1.5239
La-130	3.7502	3.5380	5.2038	4.4510	3.7104	3.3657	5.8916	2.7415
La-131	2.5697	2.3048	2.7025	3.0012	2.4723	2.1507	3.6578	2.0263
La-132	3.4609	3.1633	4.6260	4.0305	3.4327	3.0872	5.5600	2.6972
La-132m	2.7336	2.4792	3.3542	3.2339	2.6678	2.3522	4.4729	2.0985
La-133	1.0083	0.7842	0.8303	1.1816	0.8940	0.7646	1.2836	1.2278
La-134	0.4029	0.3175	0.3548	0.4612	0.3730	0.3209	0.5543	0.4684
La-135	0.8137	0.5930	0.5442	0.9242	0.7277	0.6042	0.9892	1.0216
La-136	0.5536	0.4072	0.3944	0.6294	0.4976	0.4113	0.7091	0.7024
La-137	0.7535	0.5400	0.4792	0.8569	0.6690	0.5528	0.9051	0.9693
La-138	1.8689	1.6108	2.4515	2.1361	1.8083	1.4972	3.5493	2.1133
La-140	3.3822	3.1333	4.8577	3.8819	3.3678	2.9497	6.0401	2.7598
La-141	0.0278	0.0236	0.0406	0.0320	0.0274	0.0228	0.0567	0.0297

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-142	2.2664	1.9024	3.1881	2.7832	2.2621	2.0500	4.4866	2.0365
La-143	0.3289	0.2891	0.4920	0.3906	0.3295	0.2958	0.6308	0.3012
Lu-165	3.3733	2.9340	3.5986	4.3739	3.2173	2.7720	5.0240	2.5368
Lu-167	3.9251	3.3377	4.4666	4.9427	3.7240	3.2540	6.0304	3.3445
Lu-169m	0.1683	0.1286	0.2252	0.2720	0.0925	0.0888	0.2104	0.3403
Lu-169	3.4704	2.8747	4.2127	4.4909	3.3126	2.8881	5.0805	2.9144
Lu-170	3.5389	2.8050	4.3436	4.5578	3.3794	2.9254	5.7807	3.2317
Lu-171m	0.1818	0.1390	0.2399	0.2936	0.1022	0.0975	0.2266	0.3607
Lu-171	3.0661	2.6462	3.3716	4.0597	2.8064	2.4391	4.3960	3.1359
Lu-172	4.9829	4.2229	6.7927	6.2908	4.8134	4.2440	7.5444	4.2715
Lu-172m	0.1513	0.1156	0.2025	0.2447	0.0832	0.0798	0.1892	0.3060
Lu-173	2.4037	1.9736	1.9594	3.2860	2.2202	1.8856	2.6830	1.8878
Lu-174	1.1526	0.8999	0.9534	1.6555	1.0209	0.8596	1.2785	1.0891
Lu-174m	1.3520	1.0452	1.1942	2.0693	1.1210	0.9654	1.4941	1.4907
Lu-176	3.3951	3.1531	3.7066	4.3661	3.2812	2.9285	4.6154	2.0872
Lu-176m	0.2945	0.2330	0.2711	0.4303	0.2528	0.2087	0.3450	0.3258
Lu-177	0.3332	0.2902	0.3401	0.4518	0.3195	0.2760	0.4971	0.2153
Lu-177m	7.3903	6.7417	8.1231	9.6463	7.1212	6.3292	10.8436	4.4889
Lu-178	0.3227	0.2652	0.3665	0.4252	0.2971	0.2466	0.4837	0.3329
Lu-178m	6.4822	6.0992	7.3369	8.1651	6.3451	5.5686	8.9511	3.9019
Lu-179	0.2042	0.1852	0.2300	0.2615	0.2027	0.1800	0.3154	0.1070
Lu-180	3.3385	2.9646	4.5991	4.1626	3.2447	2.8554	5.3873	2.6462
Lu-181	2.4760	2.2691	3.0718	3.1923	2.3552	2.1102	3.8143	2.1387
Mg-27	1.5444	1.3611	2.6442	1.8281	1.5532	1.3690	2.8500	1.5013
Mg-28	2.7280	2.3312	3.6938	3.1979	2.6354	2.3138	4.4972	2.5751
Mn-50m	4.9998	4.4245	7.9321	5.8372	4.9918	4.3072	9.7626	5.1273
Mn-51	0.0118	0.0101	0.0174	0.0157	0.0101	0.0089	0.0210	0.0162
Mn-52	4.5800	4.0711	7.3556	5.3994	4.5378	3.9609	8.7229	4.6728
Mn-52m	1.4480	1.2460	2.1373	1.6588	1.4218	1.1892	2.9034	1.4912
Mn-53	0.1360	0.1038	0.1821	0.2201	0.0747	0.0717	0.1701	0.2752
Mn-54	1.6653	1.5370	2.6407	1.9940	1.6139	1.3681	3.3281	1.9371
Mn-56	2.1429	1.8702	3.2335	2.5268	2.1421	1.8354	4.4432	2.1643
Mn-57	0.6175	0.5558	0.7471	0.8072	0.5157	0.4659	1.0328	0.6901
Mn-58m	3.4658	3.1662	5.1992	4.0063	3.4577	2.9146	6.9797	3.5390
Mo-101	2.6768	2.4072	3.9482	3.1531	2.6683	2.4007	4.6543	2.2055
Mo-102	0.1456	0.1333	0.1778	0.1677	0.1455	0.1300	0.2485	0.0709
Mo-89	0.3295	0.2943	0.5047	0.3793	0.3268	0.2926	0.6264	0.3267
Mo-90	3.4552	3.2794	3.7126	3.7894	3.2531	2.9758	5.3627	2.3134
Mo-91m	1.4037	1.3148	2.1638	1.6230	1.4060	1.2812	2.6641	1.3741
Mo-91	0.0431	0.0382	0.0478	0.0344	0.0357	0.0371	0.0578	0.0443
Mo-93	0.4586	0.4256	0.4627	0.2777	0.3493	0.3974	0.4768	0.4965
Mo-93m	4.0284	3.8272	5.5724	4.5469	3.9745	3.5684	7.2641	3.6251
Mo-99	0.4626	0.4413	0.6470	0.5163	0.4609	0.4037	0.8874	0.3941

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	1.0228	0.7825	1.1192	1.5264	1.0345	0.7067	2.7378	1.6528
Na-22	1.4691	1.2477	2.1896	1.6851	1.4454	1.1791	3.0033	1.6908
Na-24	2.8854	2.2041	3.7471	3.5916	2.8135	2.4046	5.9164	2.7925
Nb-87	2.0589	1.8524	2.3976	2.4560	1.9980	1.8154	3.3602	1.1462
Nb-88m	5.6980	5.0975	9.1195	6.8325	5.6839	5.2164	9.4756	4.4603
Nb-88	6.9358	6.2003	10.8556	8.0889	6.9063	6.3755	10.7627	5.4092
Nb-89	0.5868	0.4831	0.7591	0.6582	0.5519	0.5040	1.0618	0.5556
Nb-89m	1.7661	1.7662	2.4831	1.8974	1.7874	1.6361	2.6607	1.1938
Nb-90	4.4303	3.5575	5.9983	5.0987	4.2990	3.8510	8.5450	3.6252
Nb-91	0.4392	0.4097	0.4492	0.2633	0.3283	0.3767	0.4829	0.4947
Nb-91m	0.4254	0.3912	0.4464	0.2800	0.3319	0.3664	0.4713	0.4591
Nb-92	3.6819	3.4152	5.7883	4.0626	3.6335	3.4461	5.7490	3.0511
Nb-92m	2.0112	1.7135	3.3020	2.1636	1.9076	1.8292	3.0568	1.8594
Nb-93m	0.0913	0.0831	0.0952	0.0648	0.0675	0.0759	0.0969	0.1076
Nb-94m	0.3221	0.2980	0.3312	0.2034	0.2466	0.2778	0.3422	0.3514
Nb-94	2.9911	2.8457	4.8592	3.5101	3.0314	2.6914	5.8711	3.0386
Nb-95	1.5108	1.4954	2.3131	1.7341	1.5280	1.2825	3.2890	1.7094
Nb-95m	0.7231	0.6815	0.7548	0.6764	0.6441	0.6356	0.9313	0.5506
Nb-96	5.0304	4.7784	7.7752	5.8320	5.0743	4.4717	9.3018	4.6115
Nb-97	1.4735	1.4986	2.3351	1.7454	1.5149	1.4426	2.8053	1.3959
Nb-98m	4.7064	4.4532	7.1352	5.4535	4.7290	4.0703	9.5786	4.8361
Nb-99	2.0459	1.8556	2.1503	2.2092	1.9843	1.7127	3.4935	1.2065
Nb-99m	1.0173	0.8877	1.3030	1.1879	1.0020	0.8927	1.7801	0.7982
Nd-134	2.5958	2.2438	2.9890	2.7808	2.5581	2.1652	3.8314	1.7427
Nd-135	3.1874	2.8479	3.6314	3.7301	3.1296	2.6387	4.5184	2.2394
Nd-136	2.1860	1.7942	1.9694	2.4347	2.0978	1.5996	2.7727	1.9235
Nd-137	2.8292	2.4551	3.2024	3.2502	2.7760	2.2812	4.1601	2.5507
Nd-138	0.8805	0.6724	0.6392	0.9674	0.8187	0.5924	0.9409	0.9062
Nd-139	0.9724	0.7937	0.9745	1.1000	0.9254	0.7258	1.2467	0.9222
Nd-139m	4.2656	3.7220	5.4847	4.9698	4.2027	3.5035	7.0233	3.9759
Nd-140	0.7800	0.5778	0.5326	0.8480	0.7202	0.5071	0.8055	0.8451
Nd-141	0.8060	0.5996	0.5767	0.8778	0.7469	0.5305	0.8560	0.8675
Nd-141m	1.4463	1.4192	2.1657	1.6601	1.4595	1.2284	3.0397	1.6085
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1347	0.9743	1.0668	1.2453	1.1303	0.8530	1.3443	0.8703
Nd-149	2.2470	2.0785	2.5052	2.6474	2.2235	1.9035	3.3203	1.4054
Nd-151	2.6346	2.3910	3.3031	3.1088	2.6146	2.2261	4.4481	1.9462
Nd-152	1.0611	1.0302	1.1096	1.1972	1.0125	0.9157	1.4117	0.6934
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003	0.0001
Ne-24	1.9842	1.9860	2.8413	2.2637	2.0088	1.8232	3.0315	1.1928
Ni-56	5.2261	4.9324	7.6102	5.7143	5.1720	4.5550	9.7441	4.3234
Ni-57	1.8086	1.5266	2.4778	2.2051	1.7182	1.4437	3.6612	1.9066

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ni-59	0.2357	0.1800	0.3158	0.3816	0.1295	0.1243	0.2949	0.4772
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6758	0.5808	1.0486	0.7933	0.6668	0.5820	1.2278	0.6141
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.4743	4.1666	5.5081	4.9908	4.2531	3.7336	6.6726	3.8077
Np-233	1.2652	1.1178	1.1405	1.3223	1.1711	0.9723	1.5289	1.0210
Np-234	2.4014	2.1152	2.8799	2.5977	2.2358	1.9202	3.7209	2.2748
Np-235	0.3648	0.3211	0.4072	0.3649	0.2472	0.2623	0.3986	0.5291
Np-236	2.6634	2.3599	2.8739	2.5837	2.3128	2.1163	3.4401	2.4465
Np-236m	0.6996	0.6182	0.6465	0.7228	0.6348	0.5375	0.8435	0.6041
Np-237	0.9018	0.7741	0.8751	0.9113	0.7312	0.6793	1.0317	1.0666
Np-238	1.2404	1.0058	2.0788	1.4161	1.1491	1.1206	1.6561	1.1390
Np-239	2.0986	1.9033	2.0397	2.3153	1.9129	1.6720	2.7368	1.6578
Np-240	3.7122	3.3879	5.1226	4.0710	3.4853	3.2562	5.4384	3.1972
Np-240m	1.0835	1.0422	1.4853	1.1669	1.0146	0.9681	1.6222	1.0006
Np-241	0.5033	0.4491	0.4971	0.5329	0.4601	0.3979	0.6798	0.4002
Np-242	0.4003	0.3583	0.5843	0.4553	0.3866	0.3433	0.7597	0.4177
Np-242m	3.0601	2.7906	4.2041	3.2334	2.8119	2.5708	4.9117	3.0719
O-14	1.4457	0.9915	1.6551	1.7723	1.4124	1.2318	3.2275	1.2311
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.1932	1.9150	2.8939	2.7018	2.2041	1.9025	3.8969	1.4811
Os-180	1.6261	1.3157	1.5531	2.6105	1.4008	1.2790	2.0151	1.6802
Os-181	4.4789	3.8534	5.2551	6.2576	4.2554	3.7710	6.9593	3.8639
Os-182	3.0619	2.7069	3.5203	4.2240	2.8989	2.6222	4.3368	2.3594
Os-183	4.2073	3.7099	4.5790	6.2662	3.9408	3.5348	6.0013	3.0937
Os-183m	2.4497	1.9419	3.3173	3.5477	2.3192	2.1016	3.5381	2.2415
Os-185	2.4176	2.1933	3.0900	3.4588	2.3342	2.1739	3.8731	2.2981
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.2191	0.1686	0.2917	0.3497	0.1211	0.1167	0.2728	0.4397
Os-190m	6.5333	6.3744	8.9812	7.9036	6.4601	5.9713	10.1660	4.4888
Os-191	1.4930	1.2206	1.4253	2.4178	1.2927	1.1386	2.2259	1.4962
Os-191m	0.3228	0.2487	0.3689	0.5392	0.2188	0.2046	0.3991	0.5213
Os-193	0.5412	0.4777	0.5977	0.7705	0.5006	0.4459	0.7769	0.4519
Os-194	0.2406	0.1880	0.2808	0.3442	0.1568	0.1361	0.2765	0.4092
Os-196	0.5634	0.5093	0.6061	0.8159	0.5369	0.4802	0.8496	0.3997
P-30	0.0011	0.0008	0.0013	0.0013	0.0011	0.0009	0.0024	0.0010
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.4781	0.4095	0.4487	0.5689	0.4057	0.3628	0.5732	0.4956
Pa-228	4.5455	4.0991	5.8568	5.1330	4.2782	3.8041	6.6881	3.9318
Pa-229	1.0761	0.9358	0.9768	1.1378	0.9797	0.8076	1.2766	0.9701
Pa-230	2.5188	2.2256	3.2725	2.8072	2.3709	2.1041	3.4844	2.1911
Pa-231	0.8434	0.7485	0.9159	0.9118	0.6383	0.6284	0.9736	1.0777

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pa-232	2.5968	2.3357	3.9379	2.9329	2.4746	2.2974	4.0265	2.2263
Pa-233	1.8891	1.7916	1.9721	2.0778	1.7233	1.5546	2.3213	1.4712
Pa-234	4.6386	4.2195	6.2163	5.2129	4.3975	3.9570	7.3890	4.1121
Pa-234m	0.0379	0.0326	0.0556	0.0432	0.0361	0.0328	0.0570	0.0343
Pa-235	0.0795	0.0608	0.1063	0.1282	0.0438	0.0420	0.0993	0.1605
Pa-236	1.7657	1.6331	2.4610	2.0040	1.6908	1.5748	3.0462	1.7039
Pa-237	1.4346	1.3565	2.2057	1.6639	1.4274	1.2660	2.5190	1.3218
Pb-194	3.6320	3.2029	4.3587	4.6776	3.5434	3.0496	5.5023	3.0399
Pb-195m	5.6569	5.3092	7.5228	7.2065	5.4264	4.8225	8.8100	4.4788
Pb-196	3.3120	2.9801	3.5903	4.2325	3.2138	2.7641	4.5562	2.5412
Pb-197	3.6799	3.2671	4.7072	4.7188	3.5706	3.0700	5.9734	3.1009
Pb-197m	4.7801	4.4332	6.0291	6.1120	4.5933	4.0357	7.2822	3.7205
Pb-198	3.1081	2.8074	3.3719	4.0029	2.9853	2.5768	4.3262	2.3698
Pb-199	3.0104	2.6801	3.6533	3.8952	2.9093	2.5016	4.5838	2.4902
Pb-200	2.4966	2.1351	2.5768	3.2503	2.3639	1.9936	3.6113	2.0691
Pb-201	3.4663	3.1939	4.0336	4.4489	3.3545	2.9269	4.8352	2.6638
Pb-201m	1.2370	1.1779	1.6580	1.5459	1.2328	1.1303	2.0027	1.1581
Pb-202	0.2192	0.1731	0.2850	0.3315	0.1237	0.1211	0.2681	0.4258
Pb-202m	4.9972	4.6709	7.7307	6.0559	4.9555	4.4848	8.3117	3.9460
Pb-203	2.6583	2.4200	2.5985	3.4160	2.5404	2.1895	3.4515	2.0092
Pb-204m	4.5821	4.1764	7.2981	5.5789	4.5466	4.0925	7.6162	3.6362
Pb-205	0.2218	0.1752	0.2884	0.3355	0.1252	0.1225	0.2713	0.4309
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2667	0.2232	0.3002	0.3299	0.1750	0.1673	0.2988	0.4243
Pb-211	0.1894	0.1840	0.2731	0.2301	0.1868	0.1639	0.3304	0.1470
Pb-212	1.2603	1.1451	1.2336	1.5194	1.2244	1.0395	1.7090	0.8933
Pb-214	1.5269	1.4752	1.7118	1.8502	1.4706	1.3002	2.0746	1.0166
Pd-100	2.4124	2.0788	2.0854	2.4498	2.2609	1.9510	2.5836	2.0322
Pd-101	2.0069	1.8907	2.2129	1.8385	1.7740	1.7583	2.2127	1.7836
Pd-103	0.6242	0.5665	0.5971	0.4568	0.4983	0.5295	0.4878	0.6407
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0455	0.9250	1.2765	1.1530	1.0144	0.9325	1.5581	0.6146
Pd-109	0.3785	0.3248	0.3619	0.3404	0.3163	0.3051	0.3369	0.4234
Pd-111	0.1125	0.1067	0.1581	0.1325	0.1125	0.1018	0.1862	0.0921
Pd-112	0.2258	0.2070	0.2246	0.1582	0.1736	0.1911	0.2032	0.2428
Pd-114	0.1955	0.1856	0.2086	0.2433	0.1903	0.1677	0.3366	0.1073
Pd-96	3.3054	3.1183	4.3009	3.8111	3.2053	2.8401	6.0040	2.8336
Pd-97	3.2183	2.9497	4.1992	3.6504	3.1443	2.8391	5.2352	2.4979
Pd-98	2.3320	2.1268	2.4890	2.4676	2.1933	1.9800	3.2631	1.8374
Pd-99	2.5969	2.3959	3.1835	2.9401	2.4955	2.2503	4.5931	1.8797
Pm-136	4.8828	4.7798	7.1157	5.8192	4.8694	4.3760	8.3320	3.8066
Pm-137m	4.8445	4.4358	5.8138	5.5206	4.8097	4.1213	7.2334	3.3510
Pm-139	0.8729	0.7835	1.0282	1.0198	0.8470	0.7002	1.2653	0.6743

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pm-140m	5.1899	4.7290	8.0764	6.2039	5.1602	4.5731	8.7726	4.2693
Pm-140	0.3390	0.2980	0.4464	0.3819	0.3345	0.2760	0.5596	0.3203
Pm-141	0.6601	0.5201	0.6656	0.7373	0.6314	0.4761	0.8893	0.6522
Pm-142	0.2487	0.1941	0.2203	0.2728	0.2354	0.1711	0.3057	0.2485
Pm-143	1.3681	1.1676	1.4428	1.5195	1.3227	1.0048	2.0041	1.4408
Pm-144	4.6349	4.4907	6.4338	5.3330	4.6744	4.1731	7.7454	4.1334
Pm-145	0.8151	0.6112	0.5753	0.8970	0.7580	0.5173	0.8120	0.8364
Pm-146	2.6027	2.4783	3.4191	2.9843	2.5841	2.1990	4.2093	2.1648
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0000
Pm-148	0.9264	0.8573	1.4231	1.0626	0.9337	0.8351	1.6335	0.7937
Pm-148m	5.3118	5.2437	8.0206	6.1965	5.4098	5.0426	8.8328	4.1405
Pm-149	0.0626	0.0618	0.0691	0.0723	0.0606	0.0547	0.0845	0.0395
Pm-150	2.8602	2.6761	3.9806	3.3917	2.8248	2.5011	4.7884	2.2567
Pm-151	1.8193	1.6972	2.1135	2.0961	1.7944	1.5338	2.6172	1.1781
Pm-152m	4.3230	3.9513	5.3094	5.1299	4.2402	3.6652	6.9402	3.1233
Pm-152	0.7355	0.6443	0.9453	0.8983	0.7245	0.6071	1.2865	0.5930
Pm-153	0.9292	0.7947	0.8567	1.1334	0.8905	0.7023	1.4723	0.7062
Pm-154	2.3738	1.9082	3.2674	2.8208	2.3479	1.9906	4.1880	2.1406
Pm-154m	4.0106	3.5755	5.1756	4.6592	3.9825	3.3793	6.6373	3.1537
Po-203	3.8366	3.2677	5.2024	4.6723	3.7603	3.2126	6.0379	3.4510
Po-204	5.0931	4.4483	6.1308	6.3555	4.8618	4.1620	7.2947	4.5888
Po-205	3.7036	3.1810	5.0782	4.4965	3.6433	3.0869	5.9917	3.4894
Po-206	4.5155	4.0721	5.7787	5.4320	4.3466	3.7986	6.4361	3.8786
Po-207	3.3778	2.8803	4.7790	4.1585	3.3281	2.8931	5.0641	2.9473
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0362	0.0310	0.0445	0.0483	0.0305	0.0269	0.0503	0.0430
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0181	0.0171	0.0291	0.0212	0.0185	0.0169	0.0309	0.0153
Po-212m	0.0717	0.0598	0.0939	0.0868	0.0716	0.0649	0.1357	0.0570
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001
Po-214	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0004	0.0002
Po-215	0.0007	0.0007	0.0010	0.0009	0.0007	0.0007	0.0011	0.0004
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.5836	6.2875	9.4172	7.9329	6.5463	5.9696	10.7436	4.7417
Pr-134m	3.1107	2.8825	4.3645	3.7780	3.0641	2.7573	5.2132	2.1221
Pr-135	1.9885	1.7330	1.9736	2.2784	1.9327	1.6041	2.6595	1.6604
Pr-136	3.5551	3.3175	4.9865	4.0591	3.5846	3.2429	5.6320	2.7461
Pr-137	0.7740	0.6012	0.6629	0.8605	0.7234	0.5614	0.9649	0.8235
Pr-138	0.2624	0.2063	0.2282	0.2919	0.2457	0.1883	0.3522	0.2966
Pr-138m	5.4490	4.8957	7.6668	6.3772	5.3736	4.7044	8.6899	4.7584
Pr-139	0.7479	0.5511	0.5135	0.8233	0.6854	0.5085	0.8307	0.8518

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pr-140	0.3984	0.2937	0.2727	0.4386	0.3651	0.2709	0.4405	0.4528
Pr-142	0.0524	0.0454	0.0769	0.0597	0.0515	0.0439	0.1039	0.0489
Pr-142m	0.0107	0.0082	0.0143	0.0173	0.0059	0.0056	0.0134	0.0217
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0343	0.0308	0.0488	0.0406	0.0345	0.0308	0.0715	0.0332
Pr-144m	0.3500	0.2608	0.2680	0.4031	0.3081	0.2233	0.3730	0.4172
Pr-145	0.0445	0.0393	0.0627	0.0529	0.0445	0.0382	0.0726	0.0418
Pr-146	1.7777	1.6767	2.5725	2.0761	1.7754	1.5722	3.1475	1.3788
Pr-147	2.3738	2.0548	2.4514	2.7182	2.3219	1.8534	3.1693	2.0082
Pr-148	2.1442	2.0272	2.8098	2.5151	2.1197	1.9038	3.3946	1.5963
Pr-148m	3.3216	3.3271	4.2706	3.8817	3.2968	2.9980	4.9978	2.1668
Pt-184	5.6907	4.8920	6.2582	8.2260	5.3498	4.7745	8.2680	4.6931
Pt-186	3.0216	2.6975	3.5635	4.3804	2.8866	2.6097	4.7223	2.8103
Pt-187	3.5086	2.9860	3.6882	5.2509	3.2792	2.8971	4.9664	3.0494
Pt-188	2.3350	1.9327	2.3949	3.6359	2.1478	1.9150	3.2282	1.9502
Pt-189	3.2138	2.7334	3.3577	4.8785	2.9878	2.6612	4.5045	2.9182
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	2.8515	2.3946	2.8390	4.4809	2.6362	2.3461	3.8115	2.4668
Pt-193	0.2335	0.1830	0.3059	0.3594	0.1310	0.1275	0.2872	0.4584
Pt-193m	0.4353	0.3404	0.4768	0.6995	0.3148	0.2854	0.5388	0.6532
Pt-195m	1.6755	1.3276	1.5931	2.6404	1.4035	1.2184	2.0903	1.9501
Pt-197	0.4660	0.3797	0.4827	0.6401	0.4005	0.3293	0.6016	0.5470
Pt-197m	1.1929	0.9917	1.2165	1.8307	1.0009	0.8939	1.5007	1.3282
Pt-199	0.8242	0.7952	1.0923	0.9794	0.8198	0.7420	1.2467	0.5767
Pt-200	0.8672	0.7209	0.8555	1.2349	0.7777	0.6585	1.1574	0.8579
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	0.9364	0.8274	0.8398	0.9801	0.8610	0.7189	1.1601	0.7529
Pu-234	1.0591	0.9357	0.9598	1.1050	0.9626	0.8113	1.3042	0.8810
Pu-235	1.4131	1.2472	1.3028	1.4691	1.2672	1.0814	1.7279	1.2267
Pu-236	0.1134	0.1014	0.1233	0.1035	0.0786	0.0849	0.1203	0.1555
Pu-237	0.9683	0.8509	0.9096	1.0218	0.8364	0.7381	1.1564	0.9204
Pu-238	0.1045	0.0935	0.1138	0.0953	0.0724	0.0782	0.1109	0.1437
Pu-239	0.0601	0.0517	0.0693	0.0662	0.0396	0.0415	0.0670	0.0925
Pu-240	0.0984	0.0880	0.1071	0.0897	0.0682	0.0736	0.1043	0.1351
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0844	0.0755	0.0919	0.0770	0.0585	0.0632	0.0896	0.1159
Pu-243	0.4066	0.3459	0.3627	0.4430	0.3877	0.3084	0.4781	0.3636
Pu-244	0.1019	0.0915	0.1206	0.1021	0.0804	0.0807	0.1303	0.1210
Pu-245	1.6422	1.5730	2.0377	1.8956	1.5933	1.4304	2.4208	1.1707
Pu-246	1.7735	1.5644	1.7195	1.9366	1.6407	1.4040	2.3480	1.3502
Ra-219	1.0646	1.0386	1.1368	1.2421	1.0380	0.9119	1.3425	0.6889
Ra-220	0.0189	0.0190	0.0265	0.0217	0.0190	0.0173	0.0284	0.0109
Ra-221	0.5719	0.5000	0.6609	0.6225	0.5051	0.4472	0.8394	0.5345

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ra-222	0.0497	0.0505	0.0565	0.0589	0.0485	0.0442	0.0639	0.0275
Ra-223	1.3988	1.2523	1.4266	1.6011	1.3370	1.1101	1.8737	1.1083
Ra-224	0.0735	0.0702	0.0754	0.0842	0.0713	0.0638	0.1037	0.0439
Ra-225	0.4152	0.3329	0.3382	0.4084	0.3694	0.2569	0.3874	0.4232
Ra-226	1.5835	1.5885	1.5516	1.5456	1.5702	1.5790	1.5496	1.4843
Ra-227	1.3416	1.2339	1.4803	1.4768	1.1605	1.0795	1.6811	1.3270
Ra-228	1.4118	1.4139	1.3956	1.3682	1.4012	1.4087	1.3492	1.3536
Ra-230	0.7107	0.6320	0.7425	0.8667	0.6731	0.5800	0.9456	0.5546
Rb-77	2.0086	1.7614	2.4808	2.7173	1.9955	1.7998	3.1414	1.4066
Rb-78m	3.9866	3.7155	5.7351	4.7043	3.9924	3.5785	7.1028	3.1734
Rb-78	3.0861	2.7002	4.0649	3.9141	3.0520	2.6786	5.7156	2.5508
Rb-79	2.5098	2.3920	3.4432	2.8170	2.4643	2.2514	4.4104	1.7294
Rb-80	0.4424	0.4513	0.6907	0.5200	0.4537	0.4379	0.7973	0.3929
Rb-81	1.0412	1.0215	1.3985	1.1445	0.9495	0.8923	1.4969	0.8791
Rb-81m	0.3613	0.3389	0.3634	0.3015	0.2760	0.2743	0.3993	0.4323
Rb-82	0.2631	0.2569	0.3929	0.2975	0.2592	0.2179	0.5572	0.3057
Rb-82m	5.4269	5.1579	8.3273	6.2206	5.3899	4.8454	9.9075	5.2378
Rb-83	2.0509	2.0391	2.8237	2.2102	1.9605	1.8416	2.9713	1.6786
Rb-84	1.3364	1.1952	2.1158	1.5122	1.2517	1.1331	2.2831	1.4409
Rb-84m	2.1982	2.1455	2.5499	2.4970	2.1407	1.9540	3.1876	1.2900
Rb-86m	1.7062	1.7299	2.5165	1.9222	1.7543	1.6407	2.7241	1.2143
Rb-86	0.1322	0.1038	0.2414	0.1607	0.1320	0.1223	0.2050	0.1123
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.5939	0.4758	0.8425	0.7169	0.5887	0.5156	1.2125	0.5458
Rb-89	2.5404	2.0294	4.0897	3.0698	2.5243	2.2672	4.5378	2.3045
Rb-90	1.3882	1.1397	1.9250	1.8522	1.3785	1.1101	2.9447	1.5566
Rb-90m	3.1481	2.6863	4.5532	3.8820	3.1240	2.6391	6.4717	3.2573
Re-178	3.1565	2.6538	3.5230	4.3669	2.9778	2.6282	4.7239	2.6549
Re-179	4.2563	3.8746	4.9855	5.7248	4.0635	3.6462	6.2265	3.1127
Re-180	3.2504	2.6995	4.2274	4.5331	3.0768	2.7107	4.9249	3.0892
Re-181	3.9837	3.5562	4.6302	5.6808	3.7399	3.3871	5.5930	3.1001
Re-182	7.3838	6.2825	8.3403	10.1516	7.0027	6.1913	10.8202	5.8530
Re-182m	3.6532	2.9298	4.1522	5.3306	3.4471	3.0059	5.3160	3.3443
Re-183	2.4908	1.9988	2.4031	3.8046	2.2185	1.9700	3.2225	2.2607
Re-184	2.9280	2.5013	3.6451	4.1159	2.7739	2.4145	4.6901	2.8532
Re-184m	2.5438	2.1501	2.7445	3.6937	2.3198	2.0620	3.5222	2.2670
Re-186	0.2901	0.2442	0.2926	0.4338	0.2650	0.2333	0.4770	0.2327
Re-186m	0.8484	0.6540	0.9568	1.3493	0.5771	0.5223	1.0115	1.3577
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3832	0.3371	0.5272	0.4436	0.3746	0.3415	0.6712	0.2543
Re-188m	1.4786	1.1543	1.3321	2.4967	1.2595	1.1206	1.8244	1.5696
Re-189	0.4431	0.3959	0.5011	0.5863	0.4183	0.3767	0.6578	0.3158
Re-190	4.6774	4.5205	6.4912	5.6903	4.6749	4.2582	7.7698	3.1793

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Re-190m	3.8579	3.6433	5.0402	4.9811	3.7703	3.4405	6.0637	2.7614
Rh-100m	1.0058	0.8902	0.9481	0.8555	0.8470	0.8419	0.9253	1.0153
Rh-100	4.3786	3.9783	6.0094	4.8019	4.2788	3.9029	7.3932	3.6970
Rh-101	2.8352	2.6050	3.0520	3.3334	2.6832	2.4363	4.5691	1.7388
Rh-101m	2.0511	2.0285	2.2092	2.1197	1.9008	1.8201	2.3844	1.3987
Rh-102	1.4862	1.4496	1.9767	1.5334	1.4246	1.3515	2.0288	1.0841
Rh-102m	5.6918	5.4957	8.4856	6.3850	5.6401	5.2606	9.2287	4.6797
Rh-103m	0.0829	0.0728	0.0852	0.0750	0.0623	0.0650	0.0723	0.1009
Rh-104	0.0393	0.0393	0.0566	0.0432	0.0397	0.0373	0.0612	0.0292
Rh-104m	1.0847	0.9272	0.8662	1.0389	0.9529	0.8851	0.9176	0.9033
Rh-105	0.4161	0.4260	0.4667	0.4897	0.4070	0.3740	0.5269	0.2234
Rh-106	0.5943	0.5922	0.8843	0.6712	0.6099	0.5672	0.9431	0.4216
Rh-106m	6.1147	5.8395	9.2530	7.0829	6.1678	5.5323	10.6028	4.9407
Rh-107	1.6075	1.6338	1.8518	1.8931	1.5728	1.4426	2.1605	0.8844
Rh-108	1.1097	1.1212	1.6159	1.3207	1.1130	1.0290	1.7760	0.6839
Rh-109	1.7145	1.6991	1.9836	1.9881	1.6724	1.5250	2.3549	0.9581
Rh-94	3.5711	3.1690	5.3334	4.1902	3.5427	3.0691	6.7815	3.3812
Rh-95	2.4516	2.0748	3.8767	2.8706	2.4101	2.1774	4.2561	2.2695
Rh-95m	1.7361	1.7088	2.4549	1.9743	1.7609	1.6073	2.8338	1.3275
Rh-96	5.8376	5.6082	9.0028	6.7671	5.8774	5.3028	11.3615	5.8367
Rh-96m	1.4706	1.3029	2.1046	1.6065	1.4123	1.2602	2.6264	1.4915
Rh-97	2.2890	2.2002	3.2227	2.6478	2.2157	2.0218	3.7039	1.6476
Rh-97m	3.2730	2.8345	4.2846	3.6875	3.1667	2.8902	5.5502	2.5479
Rh-98	1.7108	1.6883	2.6295	2.0015	1.7369	1.6467	3.2192	1.6176
Rh-99	2.8702	2.7467	3.3773	2.9298	2.7233	2.5303	3.6366	2.1135
Rh-99m	2.3775	2.3232	2.9157	2.5550	2.2380	2.1142	3.2009	1.7634
Rn-207	3.1266	2.9714	3.9856	3.7121	3.0814	2.6834	4.8021	2.4784
Rn-209	3.4701	3.2264	4.4706	4.1481	3.4063	2.9274	5.5218	2.7882
Rn-210	0.2422	0.2224	0.3073	0.2857	0.2361	0.2050	0.3622	0.2052
Rn-211	4.3104	3.9167	6.1130	5.0516	4.2607	3.7333	7.2144	3.9058
Rn-212	0.0007	0.0007	0.0012	0.0009	0.0008	0.0007	0.0015	0.0007
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0019	0.0020	0.0030	0.0023	0.0020	0.0019	0.0034	0.0016
Rn-219	0.3246	0.3211	0.3770	0.3856	0.3151	0.2836	0.4669	0.1868
Rn-220	1.9459	1.9722	1.9320	1.9463	1.9303	1.9358	1.8910	1.7647
Rn-222	0.0015	0.0015	0.0021	0.0016	0.0015	0.0014	0.0022	0.0009
Rn-223	1.5116	1.3890	1.9371	1.7574	1.4062	1.2646	2.2895	1.4244
Ru-103	1.8794	1.8907	2.6573	2.0689	1.9251	1.7564	2.7807	1.1516
Ru-105	2.1906	2.1713	3.0849	2.5184	2.1824	1.9825	3.7833	1.7843
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8681	0.8062	1.2486	1.0347	0.8677	0.7777	1.4649	0.6267

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ru-108	0.6274	0.5575	0.8597	0.5993	0.6276	0.5710	1.0895	0.3194
Ru-92	6.3097	5.8064	7.0641	7.0093	6.0187	5.4747	9.5143	4.2420
Ru-94	2.2397	2.1734	2.9134	2.4343	2.0882	1.9807	3.1170	1.6091
Ru-95	3.0091	2.8568	4.0168	3.3376	2.8824	2.7024	4.3906	2.3194
Ru-97	2.0501	1.9056	2.2543	2.2106	1.9240	1.8140	2.7425	1.3183
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.3235	0.8959	1.3506	2.0326	1.2713	1.1498	2.5648	1.1557
S-38	1.2545	0.9189	1.4446	1.5356	1.2367	1.0804	2.8707	1.1129
Sb-111	2.5148	2.3046	3.6178	2.6416	2.5176	2.2841	4.1779	1.6357
Sb-113	2.2894	2.2133	3.0572	2.5228	2.2775	2.0710	3.2069	1.6083
Sb-114	2.4630	2.1150	3.6009	2.8406	2.4103	2.0512	4.6489	2.5923
Sb-115	2.4663	2.3692	3.2399	2.6569	2.4319	2.2194	3.3701	1.8460
Sb-116	2.2688	1.8693	3.2185	2.5938	2.1872	1.8792	4.1154	2.4544
Sb-116m	6.4902	5.6792	9.3124	7.4710	6.3275	5.6312	10.3012	5.6987
Sb-117	2.1215	1.8123	2.7457	1.9799	2.0205	1.8627	3.2298	1.6326
Sb-118	0.2662	0.2182	0.2865	0.2745	0.2333	0.2125	0.3125	0.3267
Sb-118m	6.2559	5.3220	8.2586	7.0186	5.9825	5.3155	8.9651	5.7155
Sb-119	0.9365	0.7567	0.8894	0.9329	0.7764	0.7310	0.8728	1.2132
Sb-120	0.4772	0.3842	0.4659	0.4790	0.4048	0.3768	0.4709	0.6060
Sb-120m	6.1398	5.0312	8.5786	7.2141	6.0497	5.3306	8.8689	5.0475
Sb-122m	1.5987	1.2448	1.2595	2.2540	1.4650	1.3054	1.7619	1.5811
Sb-122	1.3051	1.3160	1.9365	1.4806	1.3387	1.2537	2.1298	0.9855
Sb-124	2.8479	2.7099	4.2590	3.3276	2.8887	2.6666	5.3429	2.5046
Sb-124m	1.2686	1.2801	1.9061	1.4677	1.2909	1.2169	2.1124	1.0142
Sb-124n	0.0373	0.0285	0.0500	0.0604	0.0205	0.0197	0.0467	0.0755
Sb-125	1.9744	1.8551	2.5305	2.2610	1.9132	1.7630	2.9419	1.6324
Sb-126	6.6620	6.6631	10.2054	7.9176	6.7392	6.1790	12.3781	5.8180
Sb-126m	4.0643	4.1036	6.1709	4.8844	4.0943	3.7807	7.3975	3.3130
Sb-127	1.9769	1.9709	2.8292	2.2943	1.9915	1.8031	3.4507	1.6126
Sb-128	7.4039	7.3666	10.8769	8.6012	7.4860	6.7155	13.6004	6.6918
Sb-128m	4.7552	4.7469	6.6811	5.5256	4.7646	4.1803	8.7453	4.3591
Sb-129	2.5527	2.3399	4.0107	2.9852	2.5682	2.2745	4.7264	2.3353
Sb-130m	5.3237	4.8817	8.3595	6.1929	5.3517	4.6377	10.2634	5.0909
Sb-130	7.7722	7.3788	11.2705	9.0214	7.7789	6.8038	14.1619	6.6500
Sb-131	3.1142	2.7293	4.9508	3.7167	3.1198	2.8363	5.5663	2.7420
Sb-133	3.2778	2.7690	5.0319	3.9061	3.2537	2.8685	6.0953	3.0028
Sc-42m	4.6951	4.2783	6.9330	5.4893	4.6389	4.0251	8.5220	3.9833
Sc-43	0.3881	0.3931	0.5168	0.4869	0.3743	0.3427	0.5839	0.2087
Sc-44	1.5217	1.2363	2.5546	1.8063	1.5081	1.3245	2.6864	1.5009
Sc-44m	1.4898	1.4749	1.5885	1.7003	1.4491	1.3221	2.0324	0.8536
Sc-46	3.0532	2.5620	5.3018	3.6439	3.0548	2.7269	5.3345	2.8825
Sc-47	0.9989	0.8875	1.5250	0.8974	1.0269	0.9388	1.9096	0.4186
Sc-48	4.6658	3.7399	8.2288	5.6014	4.6534	4.2362	7.6317	4.0933

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sc-49	0.0009	0.0007	0.0011	0.0010	0.0008	0.0007	0.0018	0.0008
Sc-50	4.6062	4.1155	7.1237	5.2878	4.6186	4.1172	7.9144	3.8337
Se-70	2.2683	2.0288	2.6944	2.9300	1.9197	1.7236	3.0798	2.2763
Se-71	1.5507	1.3747	2.3077	1.7492	1.5441	1.3612	2.9910	1.1706
Se-72	1.1762	0.9247	1.1642	1.5358	0.8816	0.7198	1.2352	1.6137
Se-73	2.6594	2.4709	2.9989	3.7673	2.5181	2.2735	3.6716	1.8275
Se-73m	0.3324	0.2983	0.4081	0.4350	0.2860	0.2600	0.4645	0.3477
Se-75	3.2011	3.0064	3.5686	3.9851	2.9263	2.6151	5.1119	2.4163
Se-77m	0.9716	0.8522	1.4118	0.9800	0.9127	0.8434	1.7001	0.6800
Se-79m	0.4476	0.3752	0.5059	0.5721	0.3113	0.2835	0.5229	0.6816
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0314	0.0314	0.0384	0.0360	0.0311	0.0283	0.0470	0.0208
Se-81m	0.4930	0.4174	0.5447	0.6230	0.3558	0.3198	0.5928	0.7014
Se-83m	1.5372	1.3200	2.4778	1.8723	1.5341	1.4236	2.5374	1.1952
Se-83	5.3911	5.0759	7.5643	6.3507	5.3814	4.8018	9.2635	4.0838
Se-84	1.7573	1.7807	2.5019	2.1994	1.7181	1.5680	2.8124	0.8960
Si-31	0.0010	0.0009	0.0015	0.0012	0.0010	0.0008	0.0021	0.0012
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.5745	2.4547	3.1062	2.9649	2.5390	2.2327	3.7954	1.8549
Sm-140	1.5825	1.3329	1.6412	1.7906	1.5329	1.1855	2.1543	1.3208
Sm-141	2.3682	2.1993	3.1233	2.8213	2.3156	1.9896	3.6876	1.6506
Sm-141m	4.4506	3.9702	5.9257	5.2763	4.4292	3.7728	7.2480	3.4145
Sm-142	0.7582	0.5745	0.5461	0.8100	0.7131	0.4640	0.7185	0.7318
Sm-143	0.5057	0.3867	0.4168	0.5471	0.4785	0.3255	0.5207	0.4820
Sm-143m	1.4396	1.4118	2.1480	1.6513	1.4532	1.2208	2.9946	1.5847
Sm-145	1.5669	1.1856	1.1057	1.7779	1.4775	0.9901	1.4964	1.4659
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0012	0.0009	0.0015	0.0017	0.0007	0.0007	0.0013	0.0021
Sm-153	1.0638	0.8572	0.7977	1.1820	1.0361	0.7221	1.1003	0.8048
Sm-155	1.1609	1.0081	0.9537	1.2797	1.1668	0.8842	1.4836	0.6903
Sm-156	1.1565	0.9962	1.2229	1.3656	1.1330	0.9334	1.6022	0.7901
Sm-157	2.0069	1.7814	2.4285	2.4963	2.0038	1.7180	3.1179	1.1659
Sn-106	3.8168	3.5650	4.8072	4.3565	3.6597	3.3004	5.7187	3.0409
Sn-108	3.6875	3.4926	4.4981	4.1510	3.5140	3.2168	5.2761	2.6924
Sn-109	3.3306	2.8158	4.6626	3.8081	3.1941	2.8827	5.3515	3.1188
Sn-110	2.3436	2.2224	2.3988	2.5401	2.1804	2.0188	2.7938	1.8002
Sn-111	0.7245	0.6012	0.7963	0.7347	0.6361	0.5930	0.8609	0.8313
Sn-113	0.7655	0.6354	0.7274	0.7304	0.6418	0.6121	0.7053	0.9295
Sn-113m	0.5320	0.4283	0.5007	0.5331	0.4442	0.4153	0.5000	0.6867
Sn-117m	1.9947	1.7127	2.6402	1.8529	1.9163	1.7649	3.1404	1.4486
Sn-119m	0.6224	0.5048	0.6053	0.6279	0.5086	0.4816	0.5799	0.8181

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1965	0.1534	0.1775	0.2129	0.1623	0.1457	0.1999	0.2639
Sn-123	0.0097	0.0077	0.0176	0.0118	0.0097	0.0089	0.0153	0.0084
Sn-123m	1.3652	1.2017	2.0027	1.2519	1.3830	1.2642	2.4984	0.6701
Sn-125m	1.6917	1.7251	1.9967	2.0238	1.6531	1.5158	2.2533	0.9139
Sn-125	0.5112	0.4324	0.8479	0.6119	0.5107	0.4600	0.8764	0.4467
Sn-126	1.0174	0.8262	0.8471	1.2011	0.9729	0.7869	1.1375	0.9497
Sn-127m	1.8484	1.8404	2.6152	2.0498	1.8840	1.7039	2.7941	1.1556
Sn-127	3.2699	2.8720	5.0319	3.8636	3.2616	2.9228	5.5922	2.7189
Sn-128	3.7924	3.3968	4.3224	4.1992	3.6203	3.2380	4.9848	3.4157
Sn-129	1.9257	1.8800	3.0220	2.2809	1.9604	1.8376	3.5784	1.7798
Sn-130	3.8189	3.4851	4.7403	4.6209	3.7751	3.2965	6.3458	3.1383
Sn-130m	2.3346	2.0629	3.0953	2.6990	2.2916	2.0138	3.8925	2.0991
Sr-79	1.4155	1.3056	1.4632	1.5336	1.3594	1.1385	1.9232	0.9685
Sr-80	1.4387	1.4249	1.9479	1.5157	1.3556	1.3074	2.1862	1.1924
Sr-81	2.2362	2.0886	3.1591	2.4313	2.2367	2.0289	3.9810	1.3120
Sr-82	0.3624	0.3503	0.3725	0.2663	0.2483	0.2734	0.3807	0.4806
Sr-83	1.6999	1.6430	2.2924	1.7988	1.5395	1.4233	2.7615	1.6884
Sr-85	2.1732	2.1744	2.9502	2.2541	2.1068	1.9740	3.0810	1.6184
Sr-85m	1.5757	1.4869	1.7553	1.8069	1.5368	1.3916	2.3923	0.8744
Sr-87m	1.4529	1.4717	1.9950	1.7988	1.3926	1.2828	2.2600	0.7789
Sr-89	0.0001	0.0001	0.0003	0.0002	0.0001	0.0001	0.0003	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2431	1.1076	2.1178	1.4854	1.2546	1.1536	2.1645	1.1226
Sr-92	1.5169	1.3088	2.2550	1.7453	1.4936	1.2555	2.9744	1.5519
Sr-93	4.1034	3.8124	6.1901	4.7205	4.1233	3.7392	7.4532	3.5174
Sr-94	1.5049	1.3077	2.2343	1.7233	1.4842	1.2469	3.0342	1.5636
Ta-170	1.5220	1.2744	1.7144	2.0624	1.4283	1.2433	2.0674	1.2958
Ta-172	3.6566	3.1015	4.5059	4.8220	3.5026	3.0682	5.5186	3.0706
Ta-173	2.5894	2.0956	2.6851	3.7404	2.3791	2.0895	3.5268	2.2908
Ta-174	2.7239	2.2580	2.9377	3.8031	2.5702	2.2404	3.8928	2.1751
Ta-175	3.7886	3.2104	4.1503	5.2430	3.5873	3.1540	5.4999	3.0201
Ta-176	3.7942	3.1118	4.6926	5.0396	3.6118	3.1493	6.1501	3.5137
Ta-177	1.1502	0.9019	0.9204	1.8327	1.0289	0.8984	1.3416	1.0076
Ta-178	1.1987	0.9329	0.9898	1.8911	1.0680	0.9277	1.3809	1.1048
Ta-178m	7.7397	7.1475	8.4262	10.0886	7.4877	6.5859	10.3961	4.9164
Ta-179	0.5886	0.4528	0.4996	0.9603	0.4941	0.4385	0.6609	0.6206
Ta-180	0.9661	0.7485	0.7621	1.5475	0.8555	0.7452	1.0744	0.8840
Ta-182	3.2044	2.6280	4.0292	4.3264	3.0908	2.6784	4.9710	2.8506
Ta-182m	3.2155	2.6949	3.6677	4.3691	2.9620	2.6594	4.8514	2.4991
Ta-183	3.0953	2.6722	3.1096	4.3066	2.8352	2.5154	4.1242	2.4793
Ta-184	5.8945	5.5298	7.6883	7.3644	5.7023	5.1191	9.0961	4.2297
Ta-185	1.6826	1.4069	1.9326	2.3265	1.5516	1.3963	2.4917	1.3419

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ta-186	5.3832	5.1141	7.0194	6.6676	5.3609	4.8025	8.9548	3.8235
Tb-146	3.1890	2.6783	4.7310	3.7742	3.1351	2.7218	5.5956	2.8124
Tb-147m	2.0570	1.6840	2.5541	2.3658	1.9919	1.5901	3.5383	2.0265
Tb-147	3.7489	3.2248	5.1861	4.3938	3.6984	3.1469	6.3156	3.2891
Tb-148m	7.0923	6.7950	10.4028	8.4314	7.0679	6.2029	12.6808	6.1485
Tb-148	3.0641	2.7742	4.2711	3.5605	3.0519	2.5704	5.7011	2.9656
Tb-149m	2.9159	2.7163	3.9334	3.3164	2.8988	2.3688	5.3568	2.9909
Tb-149	3.4942	3.1483	4.5354	4.0340	3.4364	2.9286	5.5727	2.6874
Tb-150m	7.3329	7.2052	10.3710	8.5195	7.3896	6.6885	12.0553	5.7673
Tb-150	3.4633	3.0906	4.5952	4.1079	3.4441	3.0070	5.9084	3.0778
Tb-151	4.5996	4.2433	5.2559	5.2859	4.5085	3.8124	6.4546	3.2531
Tb-151m	0.7594	0.6329	0.8359	0.9961	0.6167	0.5295	0.9171	0.8992
Tb-152m	4.1702	3.8675	4.6851	4.8529	4.0365	3.4815	5.5715	2.7968
Tb-152	3.2133	2.9174	3.8677	3.7876	3.1302	2.6768	4.7368	2.3983
Tb-153	2.5216	2.1393	2.5106	2.9234	2.4381	1.9201	3.1748	1.8669
Tb-154	3.5154	2.8745	4.1360	4.1989	3.4181	2.8063	5.9850	3.0948
Tb-155	2.3525	1.9495	2.0462	2.6397	2.2858	1.7112	2.7472	1.7310
Tb-156	5.4108	4.7772	6.8573	6.3046	5.3414	4.5099	8.0203	4.2168
Tb-156m	0.6756	0.5310	0.4074	0.7707	0.6406	0.5015	0.5762	0.4403
Tb-156n	0.1790	0.1382	0.1954	0.2551	0.1271	0.1049	0.2023	0.2759
Tb-157	0.2014	0.1545	0.2020	0.2704	0.1521	0.1175	0.2128	0.2828
Tb-158	2.4835	2.0179	3.2399	2.9216	2.4131	1.9780	3.3425	2.1527
Tb-160	2.5345	2.2033	3.6431	3.0320	2.4979	2.1850	3.9102	2.1138
Tb-161	0.8865	0.6978	0.7460	1.0804	0.7738	0.6332	0.8867	0.9450
Tb-162	3.4019	3.1752	4.4228	3.9389	3.3564	2.9211	5.6118	2.7425
Tb-163	3.3235	3.3302	4.4211	3.9530	3.2939	2.9981	4.9624	1.9564
Tb-164	5.6035	5.2131	7.8356	6.5730	5.5918	4.9488	9.9296	4.7125
Tb-165	1.2888	1.1279	1.8700	1.5080	1.2596	1.0894	2.3044	1.2149
Tc-101	1.7451	1.7711	1.9860	2.0385	1.7151	1.5725	2.3281	0.9697
Tc-102m	4.1421	3.8381	6.0892	4.8338	4.1694	3.7910	7.1952	3.1809
Tc-102	0.2045	0.1983	0.3004	0.2353	0.2068	0.1880	0.3295	0.1407
Tc-104	3.8870	3.6334	5.3109	4.6539	3.8477	3.4616	6.5686	2.7608
Tc-105	2.7106	2.5449	3.4470	3.0522	2.6841	2.4084	4.3869	1.7858
Tc-91	1.3685	1.1209	1.8639	1.6242	1.3414	1.1685	2.7103	1.2524
Tc-91m	1.2186	1.1924	1.7453	1.3379	1.2391	1.1215	1.8763	0.8308
Tc-92	5.8811	5.5380	7.9408	6.6276	5.8237	5.0675	10.7891	4.7418
Tc-93	1.9263	1.6796	2.6233	1.9706	1.7968	1.5971	3.4017	2.0260
Tc-93m	1.6239	1.4991	2.1241	1.9433	1.5385	1.4248	2.6316	1.0810
Tc-94	5.2350	4.9154	8.2153	5.8824	5.1809	4.6350	9.7893	5.3307
Tc-94m	1.9209	1.6866	3.0309	2.1995	1.8890	1.6775	3.5421	1.9034
Tc-95	2.0385	1.9672	2.8700	2.0836	1.9381	1.7462	3.7482	2.2346
Tc-95m	2.6020	2.4344	3.4339	2.8660	2.5159	2.3268	4.1659	2.0647
Tc-96	5.1479	4.8749	7.8161	5.6860	5.0619	4.3669	10.1265	5.5872

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-96m	0.3557	0.3274	0.3910	0.2784	0.2921	0.3034	0.3945	0.3740
Tc-97	0.4899	0.4534	0.4857	0.3112	0.3779	0.4229	0.4657	0.5158
Tc-97m	0.4051	0.3724	0.3965	0.2747	0.3165	0.3466	0.3589	0.4214
Tc-98	3.0052	3.0316	4.6929	3.5158	3.0709	2.7913	6.0522	3.0674
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.3018	1.1909	1.5805	1.4833	1.2848	1.1282	2.6560	0.6610
Te-113	1.6983	1.4489	2.5481	2.0003	1.6787	1.4760	3.1932	1.6410
Te-114	2.9781	2.5679	3.5602	3.3556	2.8209	2.4990	4.4620	2.9100
Te-115	2.6165	2.3310	3.7479	3.0267	2.5690	2.2670	4.6395	2.5393
Te-115m	3.0064	2.6328	4.3757	3.4768	2.9546	2.5970	5.5416	3.0227
Te-116	1.6877	1.3739	1.5164	1.7612	1.5253	1.3309	1.8158	1.8604
Te-117	2.2866	2.0119	3.1281	2.6056	2.2115	1.9793	4.0133	2.4160
Te-118	0.7429	0.5845	0.6516	0.7583	0.6287	0.5790	0.7357	0.9628
Te-119	2.2484	2.1020	3.0169	2.5422	2.1738	2.0524	3.5900	2.3754
Te-119m	3.8832	3.3132	5.2953	4.2184	3.7573	3.3586	6.3503	3.3477
Te-121	2.4794	2.3391	3.2050	2.7226	2.4110	2.2486	3.5142	2.2271
Te-121m	1.8019	1.5594	1.9386	2.1569	1.7197	1.5398	2.5178	1.3446
Te-123	0.0336	0.0257	0.0444	0.0536	0.0189	0.0180	0.0417	0.0671
Te-123m	1.7439	1.4882	2.3118	1.6502	1.6977	1.5497	2.8966	1.1996
Te-125m	1.2593	0.9669	1.0248	1.3293	1.0777	0.9668	1.3248	1.6345
Te-127	0.0223	0.0221	0.0301	0.0276	0.0218	0.0198	0.0344	0.0123
Te-127m	0.4047	0.3112	0.3399	0.4393	0.3406	0.3090	0.4291	0.5378
Te-129	0.4083	0.3616	0.4744	0.4674	0.3707	0.3379	0.5319	0.4065
Te-129m	0.3552	0.2881	0.3426	0.3861	0.3110	0.2820	0.4346	0.4514
Te-131	1.9126	1.7444	2.6917	2.0736	1.9137	1.7298	3.3771	1.1624
Te-131m	3.3179	3.0495	4.6508	3.8392	3.2948	2.8436	6.0127	3.1047
Te-132	2.2737	1.9816	2.1520	2.6220	2.1547	1.9105	3.0240	1.7647
Te-133	2.7363	2.6120	3.6865	3.2593	2.6988	2.4297	4.3748	1.9454
Te-133m	3.8509	3.4765	5.7720	4.5191	3.8342	3.4555	6.5210	3.2752
Te-134	3.4130	3.2165	4.3636	3.9798	3.4133	3.0005	5.5776	2.6040
Th-223	1.0994	0.9552	1.0627	1.2019	1.0168	0.8365	1.4235	0.9667
Th-224	0.2032	0.1821	0.2603	0.2205	0.1973	0.1775	0.3254	0.1234
Th-226	0.1416	0.1269	0.1439	0.1552	0.1189	0.1079	0.1913	0.1421
Th-227	1.4037	1.2890	1.4575	1.5611	1.2149	1.1195	1.7506	1.2914
Th-228	0.1085	0.0954	0.1184	0.1120	0.0799	0.0790	0.1284	0.1437
Th-229	1.6985	1.4691	1.7232	1.8724	1.4566	1.2681	2.1282	1.7738
Th-230	1.2882	1.2996	1.2125	1.1514	1.2871	1.3091	1.2074	1.1611
Th-231	0.9473	0.8218	0.9911	0.9533	0.7115	0.6987	1.0367	1.2495
Th-232	1.3341	1.3419	1.3186	1.3255	1.3255	1.3321	1.3567	1.2816
Th-233	0.3331	0.2919	0.3880	0.3887	0.2800	0.2540	0.4419	0.3805
Th-234	0.2152	0.1821	0.1951	0.2705	0.1855	0.1678	0.2489	0.2141
Th-235	0.1641	0.1608	0.2320	0.1918	0.1631	0.1457	0.2801	0.1309
Th-236	0.2529	0.2344	0.2780	0.2852	0.2329	0.2068	0.3660	0.2081

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-44	2.0527	1.6259	1.5475	3.0860	2.1335	1.6430	2.5881	1.5054
Ti-45	0.0160	0.0131	0.0224	0.0238	0.0110	0.0102	0.0236	0.0274
Ti-51	1.6984	1.7229	2.0050	2.0149	1.6677	1.5322	2.2120	0.9430
Ti-52	1.5121	1.4026	1.4437	2.0172	1.4182	1.2010	3.1112	0.9687
Ti-190	2.3865	2.2790	3.2466	3.0537	2.3371	2.1019	3.7465	1.6603
Ti-190m	6.0360	5.8628	8.4940	7.4453	6.0086	5.4477	10.1345	4.7867
Ti-194	2.4712	2.3164	3.1935	3.2312	2.4131	2.1582	3.7302	1.8205
Ti-194m	7.6641	7.4005	10.3490	9.4932	7.5837	6.8007	12.8247	6.3425
Ti-195	3.1151	2.6508	3.7497	4.1061	2.9340	2.5397	4.8251	3.0250
Ti-196	3.9727	3.5930	5.1324	5.0897	3.8790	3.4195	6.5102	3.1247
Ti-197	2.3014	1.9857	2.5471	3.1514	2.2012	1.8761	3.3413	2.0037
Ti-198	4.2977	3.8342	5.5413	5.5503	4.1787	3.6610	7.1352	3.4816
Ti-198m	5.0492	4.8331	6.5095	6.3741	4.9180	4.4736	7.7323	3.9948
Ti-199	2.1925	1.8823	2.2638	3.0281	2.0855	1.7800	2.9744	1.8086
Ti-200	3.9730	3.6336	5.0206	5.1341	3.8505	3.3583	6.1883	3.2254
Ti-201	1.5855	1.2797	1.5010	2.3095	1.4584	1.2147	2.0870	1.5340
Ti-202	2.7454	2.5374	3.2867	3.6366	2.6568	2.3249	3.9184	1.9773
Ti-204	0.0247	0.0197	0.0222	0.0375	0.0223	0.0184	0.0307	0.0261
Ti-206m	7.9987	7.5699	10.9074	9.5904	7.9511	7.2423	12.3480	5.5183
Ti-206	0.0012	0.0010	0.0011	0.0016	0.0011	0.0009	0.0016	0.0012
Ti-207	0.0041	0.0036	0.0071	0.0049	0.0041	0.0037	0.0073	0.0039
Ti-208	3.7145	3.2302	4.9631	4.4516	3.7172	3.3686	6.7715	2.9544
Ti-209	4.5804	4.2585	5.8408	5.4713	4.5434	3.9019	7.9459	3.2206
Ti-210	4.9854	4.5851	6.7460	5.8373	4.8819	4.2169	8.9901	4.5827
Tm-161	4.4678	3.7134	4.3412	5.4720	4.2311	3.5052	5.9627	3.4722
Tm-162	2.6357	2.1898	3.1285	3.2107	2.5405	2.1426	4.2390	2.3682
Tm-163	3.9962	3.4075	4.2807	4.8925	3.8253	3.2156	5.5492	3.2592
Tm-164	1.0312	0.8327	1.0194	1.2792	0.9640	0.7916	1.3544	0.9138
Tm-165	3.2651	2.9211	3.3229	3.9650	3.1104	2.6727	4.2280	2.3834
Tm-166	4.0037	3.4296	4.8866	4.8505	3.8774	3.2891	6.7417	3.6959
Tm-167	1.7892	1.4732	1.6267	2.3287	1.6523	1.3906	2.1195	1.3628
Tm-168	4.5577	4.1116	5.7258	5.5555	4.4640	3.8118	7.3972	3.7948
Tm-170	0.0832	0.0656	0.0735	0.1159	0.0728	0.0586	0.0945	0.0885
Tm-171	0.0130	0.0101	0.0101	0.0197	0.0115	0.0098	0.0138	0.0121
Tm-172	0.7997	0.6629	1.0742	0.9966	0.7572	0.6446	1.3127	0.7902
Tm-173	1.7389	1.7324	2.3916	2.2306	1.6811	1.5284	2.7300	0.9228
Tm-174	6.4456	5.9007	8.7644	7.7770	6.3074	5.7720	9.3555	4.0371
Tm-175	2.9562	2.7841	4.3213	3.4768	2.9611	2.6844	4.5695	2.1745
Tm-176	4.3814	3.8339	5.8787	5.4253	4.2797	3.8129	6.8786	3.2178
U-227	1.2429	1.1345	1.2317	1.3426	1.1475	1.0027	1.5979	0.9786
U-228	0.1294	0.1150	0.1366	0.1264	0.1011	0.0983	0.1509	0.1516
U-230	0.1244	0.1105	0.1363	0.1205	0.0885	0.0930	0.1413	0.1673
U-231	1.9371	1.6929	1.8825	1.9696	1.6115	1.4509	2.2072	2.1085

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-232	0.1121	0.0999	0.1232	0.1068	0.0769	0.0827	0.1246	0.1572
U-233	0.0594	0.0526	0.0658	0.0583	0.0406	0.0429	0.0661	0.0847
U-234	0.6659	0.6716	0.6298	0.5912	0.6604	0.6659	0.6324	0.5746
U-235	1.5565	1.5532	1.5462	1.4847	1.5446	1.5411	1.4977	1.5014
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0915	0.0816	0.1011	0.0859	0.0622	0.0672	0.1008	0.1299
U-237	2.0342	1.7599	1.9231	2.4629	1.8323	1.6325	2.5425	1.6915
U-238	1.1496	1.1660	1.0907	1.1352	1.1386	1.1493	1.0909	1.0736
U-239	0.7158	0.5867	0.5944	0.9300	0.7084	0.5591	0.8759	0.5988
U-240	0.3392	0.2983	0.3618	0.3363	0.2489	0.2506	0.3752	0.4386
U-242	0.2918	0.2559	0.2937	0.4043	0.2866	0.2572	0.3934	0.2028
V-47	0.0126	0.0103	0.0165	0.0158	0.0111	0.0098	0.0227	0.0139
V-48	3.1934	2.5897	5.4570	3.8306	3.1565	2.8230	5.4653	3.0219
V-49	0.0921	0.0703	0.1234	0.1491	0.0506	0.0486	0.1152	0.1865
V-50	1.5071	1.3260	2.2198	1.7540	1.4539	1.2322	3.0061	1.5703
V-52	1.4493	1.2430	2.1442	1.6559	1.4245	1.1890	2.9210	1.5061
V-53	1.5699	1.2164	2.9708	1.9309	1.5729	1.4982	2.2479	1.2078
W-177	4.9683	4.2739	5.5181	7.0179	4.6743	4.1339	7.2219	3.9083
W-178	0.4405	0.3384	0.4198	0.7321	0.3454	0.3119	0.5153	0.5509
W-179	1.3199	1.0073	1.1054	2.1104	1.1145	0.9929	1.5272	1.4561
W-179m	0.8971	0.7122	0.7873	1.4798	0.7949	0.7117	1.1030	0.8256
W-181	0.8625	0.6629	0.7050	1.4520	0.7480	0.6653	0.9861	0.8437
W-185m	0.7630	0.6046	0.8996	1.1951	0.5484	0.5032	1.0355	1.1178
W-185	0.0008	0.0007	0.0007	0.0014	0.0007	0.0007	0.0012	0.0007
W-187	1.6951	1.5925	2.1697	2.2282	1.6839	1.5158	2.7765	1.3671
W-188	0.0148	0.0136	0.0151	0.0201	0.0139	0.0126	0.0197	0.0103
W-190	2.2026	1.7789	2.3246	3.2801	2.0494	1.8548	3.1678	1.7220
Xe-120	2.6743	2.2666	2.8374	2.9987	2.4967	2.2176	3.5979	2.7010
Xe-121	2.1585	1.8392	2.4751	2.5108	2.0709	1.8319	3.4200	1.8513
Xe-122	1.0442	0.8430	0.9194	1.1530	0.9322	0.8333	1.2558	1.1656
Xe-123	2.1275	1.7941	2.5023	2.3099	2.0325	1.8177	3.3852	1.7567
Xe-125	2.5446	2.1566	2.5895	2.9016	2.4018	2.1457	3.5005	2.1438
Xe-127	2.6173	2.2420	2.8720	3.0757	2.5083	2.2401	3.8156	1.9592
Xe-127m	2.0237	1.7568	2.0450	2.4597	1.9371	1.6624	3.6496	1.4600
Xe-129m	1.4345	1.0731	1.0646	1.5799	1.2657	1.0834	1.6446	1.7822
Xe-131m	0.6030	0.4510	0.4629	0.6632	0.5257	0.4593	0.7076	0.7692
Xe-133	0.9148	0.7024	0.6591	1.0501	0.8906	0.6866	1.1101	0.9497
Xe-133m	0.7350	0.5775	0.5863	0.8220	0.6560	0.5759	0.8877	0.8407
Xe-135	1.5723	1.5357	1.5919	1.7621	1.5280	1.3879	2.2206	0.9290
Xe-135m	1.6085	1.5858	2.2146	1.7799	1.6318	1.4955	2.3951	1.1357
Xe-137	0.6254	0.6214	0.8876	0.7315	0.6267	0.5688	0.9750	0.3702
Xe-138	2.0228	1.8182	2.5022	2.3985	1.9628	1.7611	3.5022	1.4626
Y-81	1.6431	1.5180	1.6779	1.9768	1.5653	1.3260	2.7864	1.1269

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Y-83	1.1849	1.0710	1.4867	1.2312	1.0957	0.9914	1.7814	1.1450
Y-83m	1.4963	1.4854	1.7181	1.6524	1.4325	1.3265	2.1091	0.9203
Y-84m	5.0056	4.4169	8.3902	5.9185	5.0213	4.4947	9.0319	4.7072
Y-85	1.4528	1.4314	2.0546	1.5530	1.4451	1.3337	2.1285	1.0178
Y-85m	1.2959	1.1675	1.6956	1.4436	1.2435	1.1291	2.2462	1.1274
Y-86	5.1508	4.5727	7.9397	6.0056	5.0857	4.6481	9.1204	4.6351
Y-86m	1.4371	1.2945	1.7014	1.8199	1.4381	1.2824	2.2526	0.7130
Y-87	2.0977	2.0902	2.8128	2.1752	2.0133	1.8900	2.9566	1.5012
Y-87m	1.4031	1.4211	1.8814	1.7101	1.3435	1.2422	2.1290	0.7632
Y-88	3.2697	2.7314	4.6981	3.7102	3.1393	2.8298	6.1671	3.1535
Y-89m	1.5309	1.3119	2.7026	1.8309	1.5384	1.3857	2.6644	1.4132
Y-90	0.0001	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0001
Y-90m	3.1550	3.0102	4.1452	3.7749	3.1903	2.8747	4.8469	1.6802
Y-91	0.0039	0.0032	0.0062	0.0045	0.0038	0.0033	0.0073	0.0041
Y-91m	1.6671	1.6890	2.4512	1.8697	1.7100	1.6012	2.6524	1.1906
Y-92	0.4164	0.3656	0.6918	0.4926	0.4178	0.3768	0.7123	0.3570
Y-93	0.2085	0.1927	0.2574	0.2415	0.2049	0.1857	0.3310	0.1452
Y-94	1.2104	1.0372	2.0587	1.4496	1.2145	1.0977	2.0940	1.0713
Y-95	0.9010	0.6981	1.2715	1.1407	0.8894	0.7802	1.7607	0.8107
Yb-162	2.3531	2.0213	2.4599	2.8771	2.2394	1.9220	3.4821	1.6361
Yb-163	1.7594	1.4647	1.9169	2.3180	1.6210	1.3983	2.4401	1.5970
Yb-164	0.9051	0.7132	0.6781	1.2093	0.8136	0.6754	0.9020	0.7567
Yb-165	2.4659	1.9593	2.2007	3.3144	2.2213	1.8244	2.8228	2.3312
Yb-166	1.6761	1.3124	1.2179	2.2317	1.5253	1.2407	1.6689	1.4024
Yb-167	3.7445	3.0820	3.2200	4.8876	3.4489	2.8602	4.7429	2.8940
Yb-169	4.3157	3.5440	3.7576	5.9590	4.0379	3.4564	5.3472	3.0898
Yb-175	0.2349	0.2235	0.2703	0.3042	0.2251	0.2006	0.3452	0.1379
Yb-177	0.7391	0.6269	0.9650	0.8953	0.7224	0.6382	1.2600	0.5107
Yb-178	0.1875	0.1863	0.2426	0.2382	0.1794	0.1628	0.2759	0.1077
Yb-179	3.0127	3.0040	4.3559	3.6048	3.0450	2.8663	4.9496	2.2541
Zn-60	1.6789	1.6286	2.2265	2.1879	1.6782	1.5614	2.8004	1.3851
Zn-61	0.7323	0.6587	1.0343	0.8595	0.7296	0.6506	1.2982	0.5679
Zn-62	1.6931	1.5692	2.2154	2.0540	1.5635	1.3838	2.4000	1.6494
Zn-63	0.2775	0.2494	0.4577	0.3418	0.2706	0.2523	0.4800	0.2753
Zn-65	1.0800	0.8511	1.7674	1.4278	0.9360	0.8554	1.6594	1.3332
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.7093	1.7230	2.4248	2.0548	1.6916	1.5420	2.6511	0.9525
Zn-71	0.9289	0.9026	1.3619	1.0630	0.9434	0.8560	1.4664	0.6254
Zn-71m	5.0734	5.0886	7.3741	5.9981	5.1076	4.7233	8.1978	3.2926
Zn-72	1.8773	1.6372	2.3872	2.2638	1.6899	1.5025	3.3394	1.5643
Zr-85	1.5607	1.5321	2.2118	1.8369	1.5426	1.3990	2.5169	0.9960
Zr-86	2.5939	2.4591	2.6538	2.5575	2.3351	2.2449	3.4254	2.0676
Zr-87	0.1817	0.1598	0.2435	0.1728	0.1604	0.1533	0.2868	0.1977

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zr-88	2.0601	2.0620	2.7371	2.3489	1.8986	1.8029	3.0811	1.3123
Zr-89	1.8636	1.6241	3.0474	2.0476	1.7843	1.6619	3.0400	1.8025
Zr-89m	1.5725	1.5870	2.3700	1.7921	1.6059	1.5260	2.6641	1.2632
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4835	1.4784	2.2875	1.7143	1.5059	1.3011	3.1449	1.6209
Zr-97	1.7923	1.7625	2.7303	2.0662	1.8125	1.5792	3.6244	1.8432

Table 12: Composite 2 – 15 cm Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.1650	0.1555	0.2955	0.4014
Ac-224	2.2075	1.5558	2.9687	2.6625
Ac-225	0.2041	0.1904	0.3951	0.5246
Ac-226	1.0511	0.7322	1.4687	1.3827
Ac-227	0.0242	0.0366	0.0825	0.1589
Ac-228	1.9138	1.4647	2.4887	1.9335
Ac-230	0.8534	0.6577	1.1246	0.9418
Ac-231	2.6783	2.0994	2.8157	2.5294
Ac-232	1.3531	0.9874	2.0817	1.5695
Ac-233	1.7535	1.4073	1.3026	1.2438
Ag-100m	2.7116	2.0442	2.8437	2.1717
Ag-101	2.2448	1.8498	2.3515	2.2707
Ag-102m	1.7871	1.3532	2.0899	1.4682
Ag-102	4.3144	3.2985	4.2061	3.2982
Ag-103	2.1510	1.5897	2.2391	1.8802
Ag-104	5.1753	3.8706	5.4427	3.9516
Ag-104m	2.2274	1.7748	2.0325	1.6292
Ag-105	2.4808	2.1790	2.3636	2.0964
Ag-105m	0.0118	0.0166	0.0331	0.0671
Ag-106	0.5027	0.4293	0.4656	0.4378
Ag-106m	6.4797	4.9727	6.3333	4.8012
Ag-108	0.0496	0.0435	0.0420	0.0400
Ag-108m	4.7458	3.8548	4.0388	3.4059
Ag-109m	0.2539	0.2386	0.3497	0.3749
Ag-110	0.0698	0.0577	0.0545	0.0481
Ag-110m	4.8047	3.5634	5.0989	3.5277
Ag-111	0.1303	0.1122	0.1085	0.0873
Ag-111m	0.1387	0.1352	0.1899	0.2354
Ag-112	1.1070	0.8869	0.9847	0.8184
Ag-113m	0.9171	0.7772	0.7896	0.6479
Ag-113	0.2867	0.2473	0.2588	0.2217
Ag-114	0.5108	0.3995	0.4438	0.3515
Ag-115	0.9826	0.6999	1.1135	0.8804
Ag-116	2.9781	2.2557	2.8773	2.0510
Ag-117	1.9186	1.3279	2.2856	1.4524
Ag-99	2.8210	2.1975	3.0946	2.8268
Al-26	1.4312	0.9125	2.3726	1.6247
Al-28	1.3915	0.9123	2.1578	1.6091
Al-29	1.4370	1.0235	1.9098	1.0840
Am-237	2.5500	2.0386	2.3133	2.6114
Am-238	2.5475	1.8956	2.8299	2.3388
Am-239	2.5265	1.9389	2.4362	2.9290

Nuclide	avg400	ctr400	mid400	cnr400
Am-240	2.6477	1.9608	3.6739	2.7129
Am-241	0.7443	0.7635	0.7132	0.6553
Am-242	0.2854	0.2611	0.3845	0.5154
Am-242m	0.1313	0.1628	0.3041	0.4615
Am-243	0.8810	0.7730	1.8021	1.4108
Am-244	2.2957	1.7882	3.0123	2.7343
Am-244m	0.0967	0.1003	0.1808	0.2253
Am-245	0.3018	0.2423	0.2852	0.3766
Am-246	3.0220	2.3279	3.8196	3.6452
Am-246m	1.7128	1.2487	2.4496	1.5830
Am-247	1.1485	0.9006	1.0195	1.1575
Ar-37	0.0080	0.0148	0.0353	0.0800
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4061	1.0222	1.7793	1.0998
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.7972	1.2740	2.3474	1.3930
Ar-44	2.5008	1.4729	3.5756	2.2760
As-68	3.4753	2.4998	4.5425	2.7245
As-69	0.4729	0.3471	0.6106	0.5828
As-70	4.5475	3.2485	6.1962	3.7244
As-71	1.5114	0.9101	2.3974	2.0330
As-72	1.4913	1.0281	1.8276	1.2472
As-73	0.3771	0.6125	1.3494	2.9449
As-74	1.2414	1.0903	1.0550	1.2649
As-76	1.0253	0.8183	0.8163	0.6723
As-77	0.0463	0.0363	0.0480	0.0552
As-78	2.0804	1.6086	2.0519	1.5149
As-79	0.0996	0.0774	0.0904	0.0613
At-204	6.5363	5.2290	6.3786	5.2800
At-205	2.7692	2.2059	3.9785	3.1546
At-206	6.5226	5.0933	7.0796	5.5072
At-207	4.5208	3.5207	6.1106	4.7285
At-208	6.9935	5.2354	8.9603	6.5215
At-209	6.5552	4.8925	8.3224	6.5044
At-210	5.2833	4.1834	7.4247	6.6704
At-211	0.5010	0.4435	1.1306	0.9752
At-215	0.0007	0.0006	0.0007	0.0006
At-216	0.0287	0.0243	0.0526	0.0458
At-217	0.0015	0.0013	0.0019	0.0022
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.2593	1.8658	2.2647	2.5006
Au-186	3.2236	2.2942	4.1351	3.1002

Nuclide	avg400	ctr400	mid400	cnr400
Au-187	2.4196	1.9767	3.6041	3.4006
Au-190	4.0320	3.3668	4.9556	4.1132
Au-191	3.1415	2.6643	3.9935	4.0427
Au-192	3.6903	3.0349	4.7399	3.7861
Au-193	1.7342	1.4858	2.7884	2.8912
Au-193m	1.4174	1.3074	1.8983	2.7157
Au-194	2.8873	2.4505	3.6715	3.1448
Au-195	1.2821	1.1986	2.3441	2.7459
Au-195m	1.4313	1.3253	1.9077	2.6766
Au-196	2.7308	2.4002	3.0538	2.6856
Au-196m	2.5130	1.9050	4.4031	4.4269
Au-198	1.6064	1.2980	1.2520	0.9980
Au-198m	4.4534	2.9741	6.1053	5.0392
Au-199	0.8720	0.5130	1.4787	1.0833
Au-200	0.5513	0.4373	0.5692	0.3725
Au-200m	7.4208	5.7013	7.0495	6.1691
Au-201	0.1450	0.1248	0.1782	0.2056
Au-202	0.3765	0.2855	0.3880	0.2573
Ba-124	1.6077	1.1788	2.6408	1.9306
Ba-126	2.1645	1.6879	3.1595	2.5798
Ba-127	0.8390	0.5964	1.4630	1.0590
Ba-128	0.8243	0.7048	1.6391	1.3925
Ba-129	0.9171	0.6928	1.6804	1.3259
Ba-129m	4.3772	3.1313	5.6692	4.0339
Ba-131	2.8368	2.1624	3.4691	2.8361
Ba-131m	1.0683	0.7632	1.3440	1.1334
Ba-133	2.9146	2.4704	4.4400	3.3085
Ba-133m	0.7341	0.6535	1.4432	1.3899
Ba-135m	0.6726	0.5776	1.3100	1.1565
Ba-137m	1.3914	1.1433	1.1747	1.0140
Ba-139	0.3557	0.1707	0.5653	0.3064
Ba-140	0.8343	0.6795	0.9769	0.9612
Ba-141	2.8498	2.0784	3.0580	2.1644
Ba-142	2.4656	1.8622	3.3456	2.3890
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1938	0.1521	0.1390	0.1177
Bi-197	3.1873	2.4578	4.9365	3.6911
Bi-200	7.3121	5.7743	8.9004	6.8500
Bi-201	3.2388	2.4700	5.0784	3.8270
Bi-202	6.4988	5.0403	8.3071	5.8788
Bi-203	4.0982	3.0390	6.2184	4.7043
Bi-204	6.3776	4.8181	8.9910	6.0305
Bi-205	3.0518	2.3716	4.7019	3.7505

Nuclide	avg400	ctr400	mid400	cnr400
Bi-206	7.6626	5.7142	9.6801	7.1934
Bi-207	3.7793	3.0144	5.1313	3.8271
Bi-208	1.9577	1.5618	2.8423	2.1037
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4800	1.3112	1.5391	1.7076
Bi-211	0.2361	0.2044	0.2263	0.1679
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2098	0.1775	0.2828	0.3481
Bi-213	0.5238	0.4205	0.4703	0.3811
Bi-214	1.9852	1.4916	2.2559	1.6074
Bi-215	1.0521	0.8972	1.2697	1.0966
Bi-216	2.5527	2.0581	1.9218	1.6605
Bk-245	2.3397	1.7967	2.0246	2.5114
Bk-246	2.5377	1.8789	2.9344	2.6339
Bk-247	1.3379	1.0708	1.6603	1.5473
Bk-248m	0.4726	0.3834	0.4615	0.5546
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4807	1.0664	2.4938	1.3061
Bk-251	1.0844	0.8037	1.1062	1.2331
Br-72	2.8783	2.0368	3.5732	2.2547
Br-73	1.5194	1.2102	1.6707	1.3940
Br-74	3.1463	2.4970	3.6740	2.6303
Br-74m	3.9544	3.1135	4.1076	3.1207
Br-75	2.0727	1.7832	1.9801	2.0902
Br-76	2.9897	2.3537	3.2649	2.6550
Br-76m	0.6729	0.7395	1.1712	2.0215
Br-77	1.3925	1.2190	1.6911	2.2955
Br-77m	0.2691	0.2681	0.4783	0.8503
Br-78	0.2246	0.1985	0.1950	0.2301
Br-80	0.1360	0.1216	0.1260	0.1559
Br-80m	0.5149	0.5819	1.2515	1.9982
Br-82m	0.1154	0.1787	0.4249	0.8309
Br-82	5.0970	3.8007	4.9740	3.6212
Br-83	0.0237	0.0189	0.0169	0.0151
Br-84m	4.6137	3.4299	4.7527	3.5396
Br-84	1.6297	1.1241	2.3461	1.3230
Br-85	0.1086	0.0725	0.1397	0.0817
C-10	1.5009	1.1173	1.3773	1.0363
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0143	0.0265	0.0631	0.1428
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2806	0.9310	1.5320	0.9784

Nuclide	avg400	ctr400	mid400	cnr400
Ca-49	1.4032	1.2624	2.1438	1.1067
Cd-101	2.7110	1.9459	3.0873	2.2439
Cd-102	2.5580	2.0244	2.3629	1.9706
Cd-103	2.2320	1.7026	2.8043	2.1465
Cd-104	1.5944	1.3530	2.2078	1.8107
Cd-105	1.5301	1.1910	1.9288	1.4776
Cd-107	0.7262	0.6880	0.9416	1.0371
Cd-109	0.6702	0.6416	0.8937	0.9861
Cd-111m	2.0922	1.6367	2.3586	2.7982
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0007	0.0006	0.0008	0.0010
Cd-115	0.7284	0.5804	0.5470	0.5082
Cd-115m	0.0507	0.0354	0.0690	0.0367
Cd-117	2.0358	1.6052	2.1564	1.7880
Cd-117m	2.3949	1.6376	3.4495	1.9030
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.4338	1.8538	2.7704	2.0425
Cd-119m	2.7767	1.9335	3.8148	2.1996
Ce-130	2.5013	1.8530	3.4194	2.7658
Ce-131	3.1341	2.3474	3.8341	3.0501
Ce-132	2.2639	1.3912	3.5796	2.4015
Ce-133	1.8615	1.4575	3.0534	2.4433
Ce-133m	4.5766	3.5331	5.4435	4.3836
Ce-134	0.6164	0.5230	1.3756	1.1819
Ce-135	3.3413	2.7260	3.9205	3.5559
Ce-137	0.6793	0.5991	1.5192	1.4437
Ce-137m	0.6532	0.5639	1.1161	1.1771
Ce-139	1.6979	1.0111	3.0636	2.0535
Ce-141	0.7812	0.4534	0.9785	0.6975
Ce-143	1.6393	1.4138	1.9055	1.9117
Ce-144	0.2382	0.1655	0.2760	0.2479
Ce-145	2.6737	2.1177	3.1813	2.8340
Cf-244	0.0494	0.0596	0.1072	0.1538
Cf-246	0.0342	0.0411	0.0736	0.1054
Cf-247	1.3507	1.1252	1.4957	1.9285
Cf-248	0.0414	0.0495	0.0883	0.1261
Cf-249	1.5483	1.3137	1.3426	1.2015
Cf-250	0.0471	0.0493	0.0847	0.1083
Cf-251	1.2901	0.9264	1.3954	1.4266
Cf-252	0.7601	0.5788	0.8772	0.6595
Cf-253	0.1186	0.1390	0.2460	0.3584
Cf-254	26.8076	19.9196	29.8166	20.7530
Cf-255	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.5227	0.9175	2.4206	1.2321
Cl-36	0.0001	0.0002	0.0005	0.0011
Cl-38	1.0398	0.6746	1.6007	1.0665
Cl-39	2.1114	1.6591	2.3555	2.3544
Cl-40	2.7637	2.1244	3.3042	2.4686
Cm-238	1.0196	0.7460	0.8309	0.9669
Cm-239	2.4213	1.4447	2.6483	2.0031
Cm-240	0.0512	0.0638	0.1208	0.1790
Cm-241	2.9945	2.3731	2.7482	3.0048
Cm-242	0.0459	0.0572	0.1084	0.1607
Cm-243	1.2677	1.0171	1.3497	1.6847
Cm-244	0.0394	0.0491	0.0931	0.1381
Cm-245	1.2788	0.9258	1.2411	1.3708
Cm-246	0.0372	0.0435	0.0806	0.1145
Cm-247	1.3104	1.0634	1.0058	0.8230
Cm-248	2.1192	1.5894	2.3936	1.7206
Cm-249	0.0832	0.0927	0.1492	0.2791
Cm-250	21.1478	15.7206	23.5369	16.3990
Cm-251	0.4497	0.3569	0.3716	0.3533
Co-54m	4.4257	3.3386	4.9240	3.3186
Co-55	2.0189	1.4464	2.5998	1.6053
Co-56	3.7486	2.6426	5.2923	3.2735
Co-57	1.3966	1.0211	1.2293	1.7858
Co-58	1.5806	1.0857	1.9550	1.5767
Co-58m	0.0576	0.1062	0.2529	0.5720
Co-60	2.8665	2.0662	3.8232	2.2443
Co-60m	0.0854	0.1358	0.3022	0.6527
Co-61	0.9388	0.7938	1.4566	1.2105
Co-62	1.6804	1.1659	2.5171	1.2444
Co-62m	2.9809	2.0375	4.6162	2.3226
Cr-48	2.8516	2.2484	2.0551	1.7874
Cr-49	1.1643	0.7523	1.5289	0.9800
Cr-51	0.1916	0.2018	0.2706	0.4007
Cr-55	0.0006	0.0005	0.0006	0.0007
Cr-56	1.4034	1.1542	2.6867	2.0122
Cs-121	1.0595	0.7419	1.3156	0.9681
Cs-121m	1.9630	1.2930	2.4742	1.6587
Cs-123	1.4708	1.1484	1.7955	1.3917
Cs-124	0.6246	0.5063	0.6493	0.4448
Cs-125	1.3472	1.0644	1.6194	1.3010
Cs-126	1.0569	0.8432	1.0757	0.7921
Cs-127	2.0954	1.6891	2.4855	2.0132

Nuclide	avg400	ctr400	mid400	cnr400
Cs-128	0.7486	0.6000	0.8679	0.6868
Cs-129	1.8325	1.5331	2.6226	2.1052
Cs-130m	1.2342	1.0198	2.7265	2.0714
Cs-130	0.4146	0.3453	0.8043	0.6530
Cs-131	0.5619	0.4786	1.2802	1.0411
Cs-132	2.0974	1.7236	2.4951	2.0773
Cs-134	3.4882	2.6343	3.0674	2.3733
Cs-134m	0.4380	0.3626	0.8048	0.8344
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.0021	1.9730	3.4977	2.1632
Cs-136	4.3476	3.0644	5.6231	3.2039
Cs-137	2.0582	2.0667	2.0825	2.0482
Cs-138m	1.2137	0.8937	1.6946	1.3158
Cs-138	2.9775	2.1963	3.3894	2.3910
Cs-139	0.2938	0.2129	0.3734	0.2394
Cs-140	2.0304	1.5387	2.2850	1.5360
Cu-57	0.1503	0.1057	0.2243	0.1092
Cu-59	0.7621	0.5701	0.8356	0.5445
Cu-60	2.8740	2.0306	3.9075	2.6051
Cu-61	0.5798	0.5115	0.6736	0.7695
Cu-62	0.0104	0.0092	0.0201	0.0236
Cu-64	0.0410	0.0684	0.1592	0.3481
Cu-66	0.1429	0.0982	0.2358	0.1033
Cu-67	0.9441	0.4967	1.2877	0.7536
Cu-69	0.8909	0.6313	1.1725	0.6416
Dy-148	2.1855	1.9216	1.8155	2.1345
Dy-149	3.2952	2.5592	3.6906	3.4930
Dy-150	1.4467	1.2374	1.2388	1.3338
Dy-151	3.3074	2.6260	3.5646	3.3028
Dy-152	2.1902	1.9773	2.2319	3.3670
Dy-153	3.6707	3.0461	3.9825	4.4116
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.6365	2.0438	3.0241	3.1406
Dy-157	2.2428	2.0248	2.0242	2.0014
Dy-159	0.8294	0.7942	0.9047	1.4215
Dy-165m	0.1884	0.1871	0.2665	0.4658
Dy-165	0.1776	0.1522	0.1735	0.1973
Dy-166	0.6481	0.6158	0.9132	1.1260
Dy-167	2.2441	1.9186	1.9667	2.1691
Dy-168	1.9359	1.4347	1.8758	1.6481
Er-154	0.9046	0.8825	1.1917	1.6830
Er-156	1.0958	1.0830	1.6737	2.4099
Er-159	2.5800	2.1192	2.5830	2.6124

Nuclide	avg400	ctr400	mid400	cnr400
Er-161	2.6573	2.0417	3.1085	2.8011
Er-163	0.6739	0.6608	0.7410	1.1222
Er-165	0.6477	0.6368	0.7169	1.0922
Er-167m	0.7494	0.4728	0.9725	0.8278
Er-169	0.0017	0.0031	0.0073	0.0165
Er-171	2.3807	2.0562	2.0273	1.9878
Er-172	2.1568	1.8646	1.8519	1.9594
Er-173	3.3741	2.1024	3.9966	2.6994
Es-249	2.2947	1.7576	2.0322	1.9578
Es-250	5.8164	4.6382	6.4882	6.5951
Es-250m	1.8854	1.3866	2.0962	1.7975
Es-251	1.2849	1.0132	1.3702	1.6654
Es-253	0.0147	0.0171	0.0299	0.0437
Es-254	0.4666	0.5775	1.0809	1.6952
Es-254m	1.2627	1.0714	1.2129	1.2214
Es-255	0.0011	0.0008	0.0012	0.0008
Es-256	0.0798	0.0889	0.1511	0.2069
Eu-142	0.3494	0.2511	0.4050	0.3381
Eu-142m	5.2691	3.8896	5.9955	4.0077
Eu-143	0.5727	0.4369	0.7319	0.6922
Eu-144	0.2587	0.2031	0.2916	0.3459
Eu-145	2.4552	1.8463	3.0491	2.6535
Eu-146	4.7386	3.7007	4.6720	4.1603
Eu-147	2.1718	1.6102	2.3687	2.4301
Eu-148	5.9201	4.8223	5.0516	4.8038
Eu-149	0.8672	0.8014	0.9944	1.5659
Eu-150	5.4700	4.5271	4.6873	4.1439
Eu-150m	0.2009	0.1718	0.1930	0.2063
Eu-152	3.0324	2.3450	3.2592	2.9043
Eu-152m	0.8031	0.5994	0.9506	0.8127
Eu-152n	1.0478	0.8411	1.5214	1.4814
Eu-154	2.6408	1.9184	2.8924	2.1597
Eu-154m	1.1119	0.9617	1.5905	1.9280
Eu-155	0.8286	0.6340	0.9672	0.8806
Eu-156	1.6477	1.1559	2.3547	1.4447
Eu-157	1.7255	1.5141	1.7041	2.0247
Eu-158	2.1660	1.5495	3.2136	1.9494
Eu-159	1.7534	1.4734	2.1147	2.2844
F-17	0.0005	0.0003	0.0007	0.0004
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.3323	0.6028	2.0570	1.1496
Fe-53	0.6868	0.5708	0.5423	0.4030
Fe-53m	4.2374	3.0786	5.3111	3.1491

Nuclide	avg400	ctr400	mid400	cnr400
Fe-55	0.0476	0.0879	0.2096	0.4743
Fe-59	1.5127	1.0590	2.1720	1.1227
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.0526	1.4896	2.8006	1.5662
Fe-62	1.9183	1.4980	1.3568	1.1790
Fm-251	1.3624	1.0380	1.3203	1.5396
Fm-252	0.0391	0.0449	0.0770	0.1064
Fm-253	0.9564	0.8339	1.1947	1.5469
Fm-254	0.0504	0.0534	0.0898	0.1158
Fm-255	0.3937	0.4702	0.8672	1.2584
Fm-256	19.9355	14.8084	22.1627	15.4243
Fm-257	1.4008	1.0895	1.5510	1.7703
Fr-212	2.7934	2.1214	4.0682	3.3746
Fr-219	0.0174	0.0141	0.0176	0.0131
Fr-220	0.1364	0.1247	0.2904	0.3246
Fr-221	0.2128	0.1402	0.2942	0.2442
Fr-222	1.1604	0.7318	1.5618	1.3152
Fr-223	0.6752	0.6398	1.0239	1.1970
Fr-224	1.5042	1.0222	1.8375	1.4931
Fr-227	2.3001	1.7854	2.6014	2.1916
Ga-64	2.1338	1.5148	3.1700	1.7421
Ga-65	1.3044	0.9187	1.2468	1.3073
Ga-66	1.4478	1.1064	2.2899	1.5406
Ga-67	1.2836	1.0225	1.8558	2.1521
Ga-68	0.0652	0.0585	0.1362	0.1556
Ga-70	0.0142	0.0093	0.0240	0.0144
Ga-72	3.3206	2.2800	4.0771	2.4541
Ga-73	1.8416	1.7658	2.1540	2.8128
Ga-74	3.7757	2.8539	4.0395	2.7389
Gd-142	1.3839	1.0715	1.5112	1.4439
Gd-143m	3.8104	3.0978	4.0268	4.2093
Gd-144	0.8672	0.7235	0.9494	1.0127
Gd-145m	1.5331	1.2052	1.5246	1.4313
Gd-145	2.1701	1.5687	3.1456	2.5010
Gd-146	3.3016	2.4477	3.1522	3.7872
Gd-147	4.5370	3.5174	4.8465	4.4413
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.0028	2.3540	3.1047	3.1082
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	0.9893	0.8719	1.1998	1.7773
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	1.6703	1.3696	1.5532	2.1652
Gd-159	0.3738	0.3348	0.3485	0.4066

Nuclide	avg400	ctr400	mid400	cnr400
Gd-162	1.7099	1.3928	1.3453	1.1886
Ge-66	2.1655	1.8434	2.3817	2.9220
Ge-67	1.5461	0.8005	2.2370	1.2496
Ge-68	0.1169	0.2157	0.5144	1.1624
Ge-69	1.2035	0.9732	1.8342	1.7077
Ge-71	0.1186	0.2188	0.5217	1.1790
Ge-75	0.2061	0.1736	0.2034	0.2557
Ge-77	3.5306	2.6293	3.6015	3.1036
Ge-78	1.5825	1.4002	1.4590	1.7465
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.5280	1.3758	1.4792	1.3686
Hf-169	2.5766	2.1619	2.2485	2.4114
Hf-170	2.7138	2.2082	2.9437	3.2428
Hf-172	1.6754	1.5970	2.2096	3.1192
Hf-173	3.3403	2.6596	2.9861	3.2197
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.2785	2.0669	2.2157	2.2697
Hf-177m	13.6406	10.8770	13.7300	12.9843
Hf-178m	10.8459	8.4929	10.4607	9.2512
Hf-179m	5.5469	4.3454	5.5952	5.4430
Hf-180m	5.3680	4.2681	5.1648	4.5314
Hf-181	2.7673	2.1371	2.3063	2.2091
Hf-182	1.5371	1.3208	1.5613	1.9267
Hf-182m	4.2736	3.3759	4.4885	4.1702
Hf-183	2.3775	1.8090	2.7819	2.1954
Hf-184	1.9199	1.5886	2.5009	3.1135
Hg-190	2.2842	1.7209	3.6193	3.4079
Hg-191m	5.0423	4.2535	6.1558	6.3980
Hg-192	2.4533	2.1588	3.7721	4.0528
Hg-193	2.6302	2.1120	4.1418	3.7267
Hg-193m	2.9265	2.3962	3.7379	3.2867
Hg-194	0.0685	0.1202	0.2870	0.6213
Hg-195	1.3429	1.2165	2.4799	2.6777
Hg-195m	1.4767	1.4333	2.4953	3.3902
Hg-197	1.1313	1.0736	2.4357	2.5672
Hg-197m	1.1139	0.9423	1.7862	2.1119
Hg-199m	1.6631	1.2104	2.8943	2.4549
Hg-203	1.4471	1.2850	1.5209	1.7131
Hg-205	0.0386	0.0216	0.0571	0.0364
Hg-206	0.6617	0.5897	0.7014	0.5891
Hg-207	3.9719	3.0353	5.1457	3.5046
Ho-150	2.2287	1.5995	2.3215	1.6803
Ho-153	2.3886	2.0440	2.3727	2.3109

Nuclide	avg400	ctr400	mid400	cnr400
Ho-153m	2.6615	2.0972	2.6031	2.5849
Ho-154m	7.0052	5.7099	5.9250	4.7204
Ho-154	3.4062	2.7997	3.2204	2.4305
Ho-155	2.0109	1.6472	2.2044	2.4649
Ho-156	4.2339	3.2832	4.5828	4.2980
Ho-157	3.0465	2.5817	3.2360	3.5962
Ho-159	3.2116	2.5972	3.1119	3.6615
Ho-160	4.2671	3.2503	5.0776	3.9943
Ho-161	1.0491	0.9939	1.2748	1.8521
Ho-162	0.9557	0.8981	1.1911	1.5900
Ho-162m	2.1071	1.6919	2.7867	2.8030
Ho-163	0.0019	0.0035	0.0084	0.0190
Ho-164	0.5102	0.4912	0.6009	0.8847
Ho-164m	0.8482	0.8757	1.1954	1.9554
Ho-166	0.1960	0.1873	0.3435	0.3953
Ho-166m	4.9807	3.5227	5.5362	4.2031
Ho-167	1.9110	1.6454	1.7103	1.3854
Ho-168	1.9309	1.3689	2.2641	1.6848
Ho-168m	0.1354	0.1569	0.2407	0.4563
Ho-170	4.2650	3.1236	5.6480	4.1796
I-118m	6.4210	5.1141	5.9114	4.4677
I-118	2.2320	1.7927	1.9745	1.5981
I-119	1.9973	1.7245	2.2496	2.7475
I-120	2.7176	2.1330	2.7807	2.2114
I-120m	5.7144	4.5957	5.0780	4.1086
I-121	1.9931	1.3250	2.7318	2.1047
I-122	0.5089	0.4133	0.5373	0.4714
I-123	1.7805	1.0679	2.9501	1.9842
I-124	1.9357	1.5789	2.1049	1.8734
I-125	1.0868	0.9453	2.0839	1.9122
I-126	1.4746	1.2097	1.4883	1.2513
I-128	0.2867	0.2301	0.2606	0.2181
I-129	0.6018	0.5128	1.2936	1.0932
I-130m	0.4510	0.3751	0.5383	0.5128
I-130	5.3763	4.1909	4.4318	3.5430
I-131	1.8060	1.7991	1.7784	1.8662
I-132	4.5255	3.4034	4.3380	3.1860
I-132m	1.1244	0.8751	1.3237	1.1547
I-133	1.8732	1.4678	1.4418	1.1977
I-134m	2.0239	1.7562	2.6282	2.7596
I-134	4.6239	3.2331	5.5458	3.3691
I-135	1.9696	1.4185	2.5329	1.6268
In-103	3.0489	1.9895	3.8380	2.2816

Nuclide	avg400	ctr400	mid400	cnr400
In-105	2.6904	1.9542	2.7978	2.2133
In-106	5.4449	4.0945	6.0472	3.9283
In-106m	2.4178	1.9169	2.5187	1.9259
In-107	2.4511	1.7037	2.9794	2.0292
In-108	6.8485	5.2148	7.9549	5.7412
In-108m	2.4746	1.9890	2.8017	2.1721
In-109	2.3063	1.5484	2.8387	2.0034
In-109m	1.4159	1.1870	1.0702	0.9803
In-110	6.3384	4.7883	7.1359	4.8261
In-110m	1.8493	1.5190	1.6647	1.4344
In-111	3.1862	2.2280	3.9962	3.7814
In-111m	1.6396	1.3149	1.1959	1.0850
In-112	0.2595	0.2346	0.2879	0.3157
In-112m	0.5583	0.4318	0.7818	0.7509
In-113m	1.1995	0.9977	1.0136	0.8651
In-114	0.0056	0.0046	0.0065	0.0060
In-114m	0.5624	0.4011	0.7164	0.6145
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.9648	0.8542	0.8943	0.7403
In-116m	3.1751	2.2674	4.1184	2.4223
In-117	2.9640	1.9726	3.1014	2.0961
In-117m	0.6563	0.4944	0.7625	0.5362
In-118m	4.0111	2.8986	5.2566	2.8884
In-118	0.0992	0.0711	0.1295	0.0721
In-119	1.6296	1.1541	1.7009	1.2993
In-119m	0.1653	0.1375	0.2185	0.1818
In-121	1.6535	1.1514	2.3151	1.2682
In-121m	0.5124	0.4474	0.6687	0.6987
Ir-180	3.5728	2.8658	3.8474	3.7526
Ir-182	3.3147	2.6517	3.6974	3.7850
Ir-183	3.2003	2.6447	4.2494	4.3560
Ir-184	5.1785	4.1627	6.0350	5.8920
Ir-185	2.6482	2.2771	3.9022	4.5988
Ir-186	4.9942	4.0318	5.5049	5.1526
Ir-186m	2.7996	2.1743	3.4435	3.0536
Ir-187	1.8157	1.6005	2.6582	2.9689
Ir-188	3.4692	2.5700	4.9577	4.0128
Ir-189	1.0846	1.0382	1.7974	2.3830
Ir-190	5.9469	4.6527	5.8918	5.1734
Ir-190m	0.0658	0.1202	0.2868	0.6432
Ir-190n	0.8892	0.8303	1.4384	1.7953
Ir-191m	1.0543	0.9429	1.6319	2.1679
Ir-192	3.7261	3.1968	3.1090	2.4235

Nuclide	avg400	ctr400	mid400	cnr400
Ir-192m	0.0753	0.1342	0.3202	0.7034
Ir-192n	0.1635	0.2840	0.6756	1.4678
Ir-193m	0.0697	0.1227	0.2902	0.6401
Ir-194	0.3277	0.2828	0.2945	0.2082
Ir-194m	8.2041	6.7871	6.4557	5.2318
Ir-195	0.8503	0.7687	1.4882	1.7164
Ir-195m	1.9831	1.6534	2.2957	2.2293
Ir-196	0.6846	0.5447	0.6235	0.4466
Ir-196m	8.7013	7.1041	6.9085	5.8946
K-38	1.4145	0.8127	2.6944	1.2617
K-40	0.1495	0.1152	0.1550	0.1638
K-42	0.2576	0.2007	0.2368	0.2887
K-43	3.0683	2.5594	2.3237	1.8831
K-44	2.1929	1.5394	3.1879	1.7280
K-45	2.4286	1.4343	3.3296	2.0693
K-46	2.1376	1.6084	2.7473	1.9145
Kr-74	1.8349	1.3430	2.2091	1.9463
Kr-75	1.6500	1.0187	1.7085	1.3857
Kr-76	2.2777	2.0495	2.4252	2.9050
Kr-77	1.7570	1.0971	1.5490	1.3264
Kr-79	0.8121	0.7634	1.0969	1.5654
Kr-81	0.1361	0.2142	0.5103	1.0028
Kr-81m	0.9449	0.4437	1.3967	0.8197
Kr-83m	0.0590	0.0954	0.2290	0.4570
Kr-85	0.0082	0.0064	0.0058	0.0051
Kr-85m	1.2278	0.6933	1.5533	0.9429
Kr-87	1.2698	0.9720	1.1987	0.8083
Kr-88	1.9500	1.2201	2.7387	1.5745
Kr-89	2.5950	1.9170	2.9119	2.0961
La-128	5.0268	4.0130	5.1729	4.1224
La-129	1.8455	1.4758	2.1919	1.9041
La-130	3.5984	2.8557	3.6991	2.5734
La-131	2.3381	1.8424	2.9040	2.3130
La-132	3.3147	2.5491	3.7262	2.7200
La-132m	2.5483	1.8936	2.9157	2.3235
La-133	0.7836	0.6789	1.6829	1.4567
La-134	0.3368	0.2787	0.6575	0.5152
La-135	0.6351	0.5310	1.5334	1.1834
La-136	0.4375	0.3590	1.0343	0.7893
La-137	0.5798	0.4876	1.4567	1.1274
La-138	1.7448	1.2969	2.2973	1.9030
La-140	3.3174	2.5449	2.9925	2.8949
La-141	0.0270	0.0198	0.0324	0.0239

Nuclide	avg400	ctr400	mid400	cnr400
La-142	2.2390	1.6652	2.7265	1.7023
La-143	0.3245	0.2370	0.3904	0.2533
Lu-165	3.0476	2.4444	3.2005	3.3049
Lu-167	3.5121	2.7904	4.4568	4.1894
Lu-169m	0.0480	0.0886	0.2113	0.4778
Lu-169	3.1151	2.4424	3.9594	3.5181
Lu-170	3.2383	2.5410	4.5145	3.5561
Lu-171m	0.0552	0.0973	0.2286	0.5078
Lu-171	2.5661	2.2706	3.1183	3.6713
Lu-172	4.5671	3.4829	6.0728	4.7078
Lu-172m	0.0432	0.0797	0.1900	0.4296
Lu-173	2.0375	1.8937	2.4436	3.0648
Lu-174	0.9097	0.8875	1.2280	1.6296
Lu-174m	0.9505	0.9827	1.4493	2.2808
Lu-176	3.0794	2.3047	3.4753	2.6904
Lu-176m	0.2186	0.2069	0.3733	0.4828
Lu-177	0.3001	0.1958	0.3333	0.2996
Lu-177m	6.7242	5.0214	7.0457	6.5022
Lu-178	0.2752	0.2242	0.3660	0.3868
Lu-178m	6.0497	4.7505	6.2063	4.9823
Lu-179	0.1920	0.1147	0.2307	0.1741
Lu-180	3.1216	2.3573	3.6905	2.6709
Lu-181	2.2071	1.7764	2.3339	2.4579
Mg-27	1.5304	1.0130	2.0919	1.0945
Mg-28	2.5235	1.9055	3.5234	2.3305
Mn-50m	4.9179	3.4803	6.0296	3.8361
Mn-51	0.0089	0.0075	0.0147	0.0171
Mn-52	4.4512	3.2075	5.3693	3.8124
Mn-52m	1.4049	1.0667	1.4779	1.3926
Mn-53	0.0387	0.0716	0.1707	0.3862
Mn-54	1.5618	1.0676	2.0134	1.4721
Mn-56	2.1201	1.3647	2.9625	1.7196
Mn-57	0.4523	0.3914	0.5652	0.8400
Mn-58m	3.4118	2.3892	3.8819	2.5970
Mo-101	2.5772	1.8350	3.0943	2.0804
Mo-102	0.1357	0.0765	0.1638	0.1099
Mo-89	0.3182	0.2337	0.3841	0.2452
Mo-90	3.0815	2.4639	3.0912	3.3844
Mo-91m	1.3738	1.0926	1.3216	1.1171
Mo-91	0.0284	0.0279	0.0468	0.0475
Mo-93	0.2360	0.2728	0.4964	0.5242
Mo-93m	3.8834	3.1453	3.6642	3.8833
Mo-99	0.4382	0.2875	0.4741	0.3183

Nuclide	avg400	ctr400	mid400	cnr400
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.0079	0.6193	1.9990	1.6423
Na-22	1.4192	1.0259	1.8360	1.0693
Na-24	2.8137	2.1560	3.3804	2.1385
Nb-87	1.8129	0.9505	2.3672	1.3802
Nb-88m	5.5562	4.1282	6.7022	4.0659
Nb-88	6.6825	5.0941	8.4121	5.2837
Nb-89	0.5214	0.4124	0.7310	0.5436
Nb-89m	1.7249	1.3558	1.3350	1.1633
Nb-90	4.1288	2.7198	5.9592	3.3211
Nb-91	0.2132	0.2561	0.5070	0.5793
Nb-91m	0.2351	0.2558	0.4663	0.4741
Nb-92	3.4553	2.6706	4.0160	2.7488
Nb-92m	1.7651	1.2975	2.8633	1.7003
Nb-93m	0.0448	0.0536	0.1004	0.1202
Nb-94m	0.1689	0.1920	0.3510	0.3712
Nb-94	2.9883	2.1282	3.2863	2.0936
Nb-95	1.5124	1.0332	1.5400	1.0630
Nb-95m	0.5560	0.4735	0.7741	0.8430
Nb-96	4.9857	3.6105	5.2318	3.4756
Nb-97	1.4855	1.2234	1.1512	1.0040
Nb-98m	4.6613	3.2876	5.0816	3.4909
Nb-99	1.8687	1.1815	1.7102	1.2566
Nb-99m	0.9793	0.7319	1.1046	0.7632
Nd-134	2.3298	1.5614	3.2024	2.4512
Nd-135	2.9297	2.1200	3.3557	2.9539
Nd-136	1.9334	1.5222	2.3777	2.4865
Nd-137	2.6250	2.0836	3.4655	2.9788
Nd-138	0.7250	0.6259	1.1925	1.2610
Nd-139	0.8478	0.6979	1.2090	1.1612
Nd-139m	4.0440	2.9583	4.9443	3.7875
Nd-140	0.6315	0.5521	1.0960	1.1915
Nd-141	0.6581	0.5696	1.1312	1.2050
Nd-141m	1.4369	1.0092	1.4607	1.0696
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.0621	0.8560	1.1709	1.1875
Nd-149	2.1243	1.5622	2.1266	1.9813
Nd-151	2.5482	1.8310	2.6209	2.1043
Nd-152	0.9711	0.8662	0.9805	1.2930
Ne-19	0.0002	0.0001	0.0001	0.0001
Ne-24	1.9588	1.5246	1.4844	1.2002
Ni-56	4.8649	3.2524	5.7283	4.4763
Ni-57	1.6709	1.2237	2.0888	1.8341

Nuclide	avg400	ctr400	mid400	cnr400
Ni-59	0.0672	0.1242	0.2960	0.6697
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6563	0.4934	0.7577	0.5798
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.0015	3.0841	4.3970	3.6343
Np-233	1.0672	0.7953	1.0244	1.1113
Np-234	2.0769	1.6136	2.2157	2.4558
Np-235	0.1543	0.2058	0.4259	0.7056
Np-236	1.9159	1.4891	2.7218	2.9865
Np-236m	0.5674	0.4361	0.5836	0.6623
Np-237	0.5711	0.5540	1.1795	1.3767
Np-238	1.0514	0.8026	1.8276	1.1747
Np-239	1.7476	1.3543	1.6776	1.9894
Np-240	3.1941	2.4876	3.8453	3.2731
Np-240m	0.9274	0.7987	0.9638	1.0331
Np-241	0.4153	0.2991	0.3949	0.4236
Np-242	0.3700	0.2708	0.4807	0.3642
Np-242m	2.5333	1.9099	3.5110	3.0517
O-14	1.4101	0.8874	2.1693	1.0402
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.0867	1.1302	2.6351	1.4314
Os-180	1.2234	1.1800	1.8916	2.4683
Os-181	4.0431	3.1953	5.2488	5.1843
Os-182	2.6745	2.1325	3.1620	3.3696
Os-183	3.6915	3.1141	4.1776	4.3238
Os-183m	2.1894	1.7427	3.3451	2.6553
Os-185	2.2087	1.9104	2.3891	2.5481
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0630	0.1155	0.2756	0.6195
Os-190m	6.1371	4.7812	5.5673	4.7495
Os-191	1.1553	1.0190	1.7449	2.2587
Os-191m	0.1536	0.1971	0.4092	0.7627
Os-193	0.4599	0.3908	0.5999	0.6556
Os-194	0.1017	0.1414	0.2841	0.5952
Os-196	0.5106	0.4174	0.5660	0.5719
P-30	0.0011	0.0007	0.0018	0.0009
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.3383	0.3100	0.5541	0.6874
Pa-228	3.9633	3.0754	5.0201	4.3317
Pa-229	0.8672	0.6903	1.1603	1.2238
Pa-230	2.1839	1.6827	2.9033	2.4127
Pa-231	0.4747	0.5278	0.9673	1.4351

Nuclide	avg400	ctr400	mid400	cnr400
Pa-232	2.3051	1.7204	3.0283	2.2115
Pa-233	1.5608	1.3628	1.6474	1.6856
Pa-234	4.1022	3.0504	4.9214	4.1476
Pa-234m	0.0339	0.0250	0.0473	0.0345
Pa-235	0.0227	0.0419	0.0999	0.2256
Pa-236	1.5889	1.2757	1.8442	1.6594
Pa-237	1.3869	1.0125	1.4953	1.0870
Pb-194	3.3332	2.6410	4.7770	4.0602
Pb-195m	5.1305	4.2193	6.1737	5.2064
Pb-196	3.0152	2.5089	4.3168	4.0956
Pb-197	3.4043	2.6875	4.7356	3.6100
Pb-197m	4.3289	3.5265	5.4977	4.7441
Pb-198	2.7755	2.3275	4.0523	3.6297
Pb-199	2.7540	2.2642	3.8735	3.1492
Pb-200	2.1372	1.7190	3.7014	3.4248
Pb-201	3.1694	2.7030	4.1937	3.2979
Pb-201m	1.1677	1.0233	1.3650	1.2837
Pb-202	0.0649	0.1159	0.2770	0.6082
Pb-202m	4.8071	3.6139	5.4274	3.6634
Pb-203	2.3877	2.1353	3.4549	3.5183
Pb-204m	4.4389	3.2275	5.4920	3.1136
Pb-205	0.0657	0.1173	0.2803	0.6155
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1094	0.1543	0.3221	0.6301
Pb-211	0.1813	0.1374	0.1850	0.1349
Pb-212	1.1565	0.9517	1.7371	1.7611
Pb-214	1.3948	1.2129	1.6033	1.4316
Pd-100	2.0007	1.7351	3.3301	2.4443
Pd-101	1.5397	1.4237	1.7022	1.5825
Pd-103	0.3807	0.3927	0.5232	0.4988
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	0.8984	0.4675	1.2392	0.6686
Pd-109	0.2570	0.2413	0.3528	0.3778
Pd-111	0.1090	0.0867	0.1048	0.0856
Pd-112	0.1241	0.1379	0.2162	0.2281
Pd-114	0.1868	0.1318	0.1640	0.1605
Pd-96	3.1118	2.2684	2.8602	2.2066
Pd-97	3.0563	2.3911	3.4297	2.9516
Pd-98	2.0355	1.5340	1.8332	1.4864
Pd-99	2.3798	1.7062	2.4210	1.9227
Pm-136	4.7508	3.6954	4.4691	3.1613
Pm-137m	4.5842	3.3982	4.8124	4.1374
Pm-139	0.8007	0.6456	0.8673	0.8091

Nuclide	avg400	ctr400	mid400	cnr400
Pm-140m	5.0273	3.6671	5.9105	3.7211
Pm-140	0.3187	0.2384	0.3842	0.3151
Pm-141	0.5809	0.4643	0.8330	0.8185
Pm-142	0.2140	0.1841	0.2859	0.3518
Pm-143	1.2269	0.9878	1.5442	1.6123
Pm-144	4.5046	3.6835	3.9508	3.7651
Pm-145	0.6668	0.5928	1.0326	1.2554
Pm-146	2.4811	1.9401	2.3528	2.1255
Pm-147	0.0001	0.0000	0.0000	0.0001
Pm-148	0.9177	0.7002	0.8868	0.7261
Pm-148m	5.2816	4.2452	4.4417	3.6020
Pm-149	0.0587	0.0516	0.0553	0.0607
Pm-150	2.7593	2.1468	2.9523	1.8608
Pm-151	1.6971	1.3041	1.6812	1.5113
Pm-152m	4.1526	3.2042	4.2948	4.0997
Pm-152	0.7116	0.5061	0.7517	0.5952
Pm-153	0.8444	0.6083	0.9252	0.9139
Pm-154	2.2763	1.5761	3.5178	2.2009
Pm-154m	3.8200	2.7837	4.4250	3.6675
Po-203	3.5587	2.6296	5.8238	4.0891
Po-204	4.5110	3.7070	7.3601	6.3737
Po-205	3.4711	2.5970	5.5858	3.9770
Po-206	4.0656	3.3419	5.9213	4.9362
Po-207	3.1641	2.4238	5.1808	3.5081
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0265	0.0250	0.0489	0.0634
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0181	0.0135	0.0191	0.0125
Po-212m	0.0710	0.0552	0.0660	0.0433
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0001	0.0002	0.0001
Po-215	0.0007	0.0006	0.0005	0.0004
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	6.3409	4.9229	6.3329	4.4237
Pr-134m	2.9745	2.2555	3.1914	2.2474
Pr-135	1.8098	1.4631	2.5079	2.1492
Pr-136	3.4771	2.7202	3.4211	2.6930
Pr-137	0.6500	0.5345	1.1328	1.0308
Pr-138	0.2224	0.1811	0.3789	0.3504
Pr-138m	5.2027	3.9130	6.6448	4.3593
Pr-139	0.6020	0.5164	1.1676	1.1241

Nuclide	avg400	ctr400	mid400	cnr400
Pr-140	0.3205	0.2754	0.6203	0.5987
Pr-142	0.0512	0.0404	0.0429	0.0621
Pr-142m	0.0030	0.0056	0.0134	0.0304
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0341	0.0244	0.0395	0.0268
Pr-144m	0.2624	0.2405	0.4842	0.5864
Pr-145	0.0428	0.0327	0.0541	0.0397
Pr-146	1.7415	1.3233	1.6120	1.2931
Pr-147	2.1763	1.8086	2.6852	2.5286
Pr-148	2.0725	1.6712	2.1655	1.5549
Pr-148m	3.2130	2.6800	2.7145	2.2659
Pt-184	4.8849	3.9084	6.9076	6.9181
Pt-186	2.7066	2.2878	3.3451	3.4646
Pt-187	3.0394	2.5320	4.1843	4.3121
Pt-188	1.9306	1.5354	2.9758	3.0144
Pt-189	2.7517	2.3896	3.8408	4.2101
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.4134	2.1301	3.4704	3.7912
Pt-193	0.0685	0.1234	0.2947	0.6520
Pt-193m	0.2336	0.2765	0.5997	0.9789
Pt-195m	1.1898	1.1550	2.2901	2.9812
Pt-197	0.3342	0.3114	0.8035	0.8704
Pt-197m	0.8517	0.8530	1.5589	2.0299
Pt-199	0.7833	0.6113	0.7756	0.6621
Pt-200	0.6864	0.6112	1.2751	1.3886
Pt-202	0.0000	0.0000	0.0000	0.0000
Pu-232	0.7858	0.5754	0.6834	0.7761
Pu-234	0.8694	0.6486	0.7929	0.9264
Pu-235	1.1294	0.8680	1.1042	1.3226
Pu-236	0.0498	0.0648	0.1302	0.2020
Pu-237	0.7191	0.5912	0.8175	1.0551
Pu-238	0.0458	0.0597	0.1202	0.1869
Pu-239	0.0242	0.0337	0.0707	0.1237
Pu-240	0.0431	0.0562	0.1130	0.1756
Pu-241	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0370	0.0482	0.0970	0.1507
Pu-243	0.3465	0.2962	0.6559	0.5314
Pu-244	0.0618	0.0631	0.1151	0.1490
Pu-245	1.5284	1.2087	1.3742	1.0657
Pu-246	1.4845	1.1008	1.5983	1.7444
Ra-219	0.9862	0.8614	1.0741	0.7767
Ra-220	0.0185	0.0146	0.0138	0.0116
Ra-221	0.4221	0.3218	0.7473	0.7753

Nuclide	avg400	ctr400	mid400	cnr400
Ra-222	0.0467	0.0414	0.0399	0.0258
Ra-223	1.2259	1.0022	1.8846	1.7087
Ra-224	0.0689	0.0556	0.0795	0.0994
Ra-225	0.3067	0.2948	0.4175	0.6832
Ra-226	1.5339	1.5640	1.6165	1.6123
Ra-227	0.9987	0.9286	1.3996	1.7214
Ra-228	1.3655	1.3665	1.3679	1.3740
Ra-230	0.6157	0.4851	0.8185	0.7780
Rb-77	1.8924	1.4015	2.4377	1.8317
Rb-78m	3.9127	2.9470	3.9607	2.8294
Rb-78	3.0057	2.3706	3.3188	2.2984
Rb-79	2.2960	1.5846	2.4639	1.9334
Rb-80	0.4423	0.3742	0.3253	0.3062
Rb-81	0.8505	0.7377	0.9471	1.1215
Rb-81m	0.1920	0.2169	0.4874	0.6803
Rb-82	0.2519	0.1750	0.2798	0.2169
Rb-82m	5.2151	3.9353	5.5669	4.3420
Rb-83	1.8090	1.5321	1.6895	1.9690
Rb-84	1.1619	0.8470	1.7931	1.3845
Rb-84m	2.0537	1.6203	2.0968	2.4356
Rb-86m	1.7122	1.3859	1.2107	1.0944
Rb-86	0.1293	0.0896	0.2075	0.0936
Rb-87	0.0000	0.0000	0.0000	0.0000
Rb-88	0.5829	0.3789	0.9204	0.5463
Rb-89	2.4840	1.7427	3.6515	1.8432
Rb-90	1.3729	1.0139	1.8719	1.1664
Rb-90m	3.1034	2.2029	4.0079	2.4506
Re-178	2.8324	2.2914	3.5979	3.6219
Re-179	3.8556	3.1965	4.1038	4.1873
Re-180	2.9106	2.2427	3.9709	3.4324
Re-181	3.5071	3.0199	3.9531	3.9849
Re-182	6.5557	5.1231	8.5299	8.0592
Re-182m	3.2294	2.6082	4.6544	4.1533
Re-183	1.9546	1.6955	2.8864	3.5303
Re-184	2.6329	2.0426	3.3968	3.1300
Re-184m	2.1255	1.7677	2.8139	3.2263
Re-186	0.2442	0.1871	0.2990	0.3400
Re-186m	0.4054	0.5184	0.9997	1.9707
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3348	0.2075	0.4723	0.3549
Re-188m	1.0992	1.0409	1.7077	2.3817
Re-189	0.3854	0.2795	0.5039	0.5212
Re-190	4.4871	3.2901	4.3378	3.2626

Nuclide	avg400	ctr400	mid400	cnr400
Re-190m	3.5885	2.8035	3.5136	3.1174
Rh-100m	0.6864	0.6624	1.0503	0.9164
Rh-100	4.1032	3.1564	4.3122	3.2541
Rh-101	2.4896	1.5832	2.5784	1.7132
Rh-101m	1.7408	1.5959	1.6748	1.3748
Rh-102	1.3223	1.0975	1.1799	1.0015
Rh-102m	5.4111	4.2805	5.1753	3.8347
Rh-103m	0.0455	0.0506	0.0762	0.0993
Rh-104	0.0383	0.0312	0.0291	0.0256
Rh-104m	0.8135	0.7878	0.9284	0.9532
Rh-105	0.3937	0.3516	0.3199	0.2061
Rh-106	0.5959	0.4744	0.4566	0.3816
Rh-106m	6.0422	4.5382	5.8003	4.2381
Rh-107	1.5271	1.3384	1.2712	1.0289
Rh-108	1.0830	0.8727	0.8027	0.6654
Rh-109	1.6019	1.3204	1.4332	1.0898
Rh-94	3.4944	2.5883	3.9086	2.8679
Rh-95	2.3428	1.7026	3.1660	1.9087
Rh-95m	1.7139	1.3729	1.3686	1.1545
Rh-96	5.7535	4.3263	5.8283	4.2261
Rh-96m	1.3461	0.9696	1.7439	1.1640
Rh-97	2.1167	1.6510	2.0722	1.5014
Rh-97m	2.9784	2.0449	3.9131	2.4663
Rh-98	1.6937	1.3781	1.4777	1.2211
Rh-99	2.4997	2.1103	2.5525	1.9965
Rh-99m	2.0743	1.8117	2.0080	1.4959
Rn-207	2.9391	2.4001	3.5295	2.6997
Rn-209	3.2486	2.5807	4.1198	3.1475
Rn-210	0.2215	0.1772	0.3023	0.2527
Rn-211	4.0763	3.1546	5.2660	4.0093
Rn-212	0.0007	0.0006	0.0006	0.0005
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0019	0.0016	0.0014	0.0013
Rn-219	0.3054	0.2615	0.2998	0.3214
Rn-220	1.8754	1.8606	1.8778	1.8409
Rn-222	0.0015	0.0012	0.0011	0.0009
Rn-223	1.2729	1.0485	1.6565	1.6925
Ru-103	1.8774	1.4723	1.3359	1.1598
Ru-105	2.1199	1.6563	1.8755	1.4796
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8379	0.5807	0.9274	0.5868

Nuclide	avg400	ctr400	mid400	cnr400
Ru-108	0.5506	0.2793	0.8104	0.4399
Ru-92	5.6505	4.2307	6.3832	5.9307
Ru-94	1.9232	1.6281	1.9956	1.4544
Ru-95	2.7171	2.2674	2.9209	1.9961
Ru-97	1.7295	1.2188	2.1661	1.7108
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.3076	1.1962	2.0419	1.0078
S-38	1.2231	0.6750	2.5859	1.3323
Sb-111	2.3392	1.5184	2.7043	1.7454
Sb-113	2.1851	1.7367	1.8511	1.5668
Sb-114	2.3486	1.7202	2.9814	1.9207
Sb-115	2.3098	1.8387	1.9161	1.7949
Sb-116	2.1055	1.5268	2.8950	1.8506
Sb-116m	6.0739	4.4764	7.0672	4.7548
Sb-117	1.7264	1.0238	2.5966	1.8429
Sb-118	0.2027	0.1708	0.2767	0.2776
Sb-118m	5.6922	4.4884	7.5670	6.3914
Sb-119	0.6352	0.5811	0.9031	1.0999
Sb-120	0.3389	0.2992	0.4792	0.5356
Sb-120m	5.7274	3.8123	8.4433	4.6873
Sb-122m	1.3151	1.1570	2.0381	1.9839
Sb-122	1.3060	1.0594	0.9537	0.8500
Sb-124	2.8393	2.2344	2.6131	2.2889
Sb-124m	1.2544	1.0332	0.9336	0.8868
Sb-124n	0.0106	0.0197	0.0468	0.1060
Sb-125	1.7948	1.4468	1.8494	1.5718
Sb-126	6.6023	5.1686	5.6739	4.4339
Sb-126m	4.0014	3.1944	3.2246	2.6219
Sb-127	1.9475	1.5268	1.6660	1.4440
Sb-128	7.3432	5.6528	6.6322	4.8735
Sb-128m	4.6750	3.5663	4.4115	3.0265
Sb-129	2.5243	1.7795	2.9593	1.8792
Sb-130m	5.2219	3.4117	6.4851	3.7369
Sb-130	7.5571	5.2565	8.3875	5.2368
Sb-131	3.0645	2.2103	3.9122	2.3400
Sb-133	3.2070	2.2937	4.1614	2.5244
Sc-42m	4.5506	3.4823	4.5085	3.6482
Sc-43	0.3604	0.3039	0.2868	0.2204
Sc-44	1.4774	1.0428	2.1850	1.0880
Sc-44m	1.4236	1.2489	1.3863	1.7332
Sc-46	3.0025	2.0446	4.3739	2.1626
Sc-47	0.8928	0.3850	1.3829	0.6776
Sc-48	4.5536	3.1554	6.9497	3.4065

Nuclide	avg400	ctr400	mid400	cnr400
Sc-49	0.0008	0.0006	0.0012	0.0010
Sc-50	4.5410	3.4420	4.6878	3.7572
Se-70	1.6641	1.5557	2.1788	3.1928
Se-71	1.4659	0.9027	1.8771	1.1165
Se-72	0.6662	0.7802	1.2568	2.4137
Se-73	2.3722	2.0803	2.6426	2.4470
Se-73m	0.2496	0.2315	0.3814	0.4987
Se-75	2.7491	2.2364	2.8977	3.8155
Se-77m	0.7579	0.4035	1.3180	1.0404
Se-79m	0.2158	0.2526	0.5273	0.9722
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0305	0.0255	0.0277	0.0275
Se-81m	0.2615	0.2768	0.5086	0.9676
Se-83m	1.5022	1.0838	2.0735	1.0994
Se-83	5.2602	3.9128	5.4676	3.7992
Se-84	1.6652	1.3426	1.2507	0.9818
Si-31	0.0010	0.0007	0.0013	0.0007
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.4531	2.0202	2.4244	2.2824
Sm-140	1.4279	1.1255	1.7022	1.7910
Sm-141	2.2226	1.7637	2.1737	1.8917
Sm-141m	4.2161	2.8693	4.9648	3.5941
Sm-142	0.6299	0.5646	0.8277	1.1547
Sm-143	0.4284	0.3745	0.5670	0.7306
Sm-143m	1.4294	1.0123	1.4261	1.0757
Sm-145	1.3129	1.1771	1.7075	2.3492
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0004	0.0007	0.0014	0.0028
Sm-153	0.9637	0.7734	0.8641	1.1636
Sm-155	1.1444	0.7641	0.6953	0.6972
Sm-156	1.0387	0.6990	1.4501	1.1868
Sm-157	1.8794	1.1237	2.2419	1.4348
Sn-106	3.4840	2.7520	3.5121	3.1885
Sn-108	3.2931	2.6356	3.2029	3.0429
Sn-109	3.0458	2.3032	3.9586	2.7855
Sn-110	2.0351	1.8194	2.0669	2.3615
Sn-111	0.5539	0.4642	0.7473	0.7311
Sn-113	0.5298	0.4851	0.7029	0.8391
Sn-113m	0.3655	0.3317	0.5275	0.6261
Sn-117m	1.6385	0.9344	2.4827	1.6992
Sn-119m	0.4112	0.3841	0.5863	0.7577

Nuclide	avg400	ctr400	mid400	cnr400
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1328	0.1226	0.2358	0.2745
Sn-123	0.0095	0.0066	0.0151	0.0069
Sn-123m	1.2010	0.5535	1.8623	0.9797
Sn-125m	1.5986	1.4022	1.2893	0.8225
Sn-125	0.5013	0.3456	0.7231	0.3669
Sn-126	0.8891	0.7213	1.4134	1.1687
Sn-127m	1.8391	1.4340	1.3524	1.1768
Sn-127	3.1889	2.2741	4.0146	2.4013
Sn-128	3.3384	2.7328	3.9355	3.5059
Sn-129	1.9224	1.5490	1.7149	1.3697
Sn-130	3.5681	2.3968	4.3887	3.0968
Sn-130m	2.1832	1.5808	2.6912	1.9427
Sr-79	1.2613	0.9842	1.2175	1.2948
Sr-80	1.2192	1.0245	1.3290	1.4416
Sr-81	2.0784	1.2997	2.3913	1.5666
Sr-82	0.1436	0.1997	0.4685	0.7681
Sr-83	1.3726	1.1425	1.8112	1.8596
Sr-85	1.9561	1.6242	1.7574	1.9011
Sr-85m	1.4564	1.0293	1.7259	1.8167
Sr-87m	1.3303	1.1066	1.0798	0.8732
Sr-89	0.0001	0.0001	0.0002	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2327	0.8906	1.5566	0.8917
Sr-92	1.4716	1.0991	1.6745	1.3331
Sr-93	4.0077	2.9556	4.3434	3.0467
Sr-94	1.4667	1.1065	1.5480	1.4032
Ta-170	1.3355	1.0395	1.6183	1.6310
Ta-172	3.3162	2.5093	4.2146	3.6350
Ta-173	2.1543	1.8024	2.9818	3.2519
Ta-174	2.3780	1.7500	3.2135	2.9209
Ta-175	3.3833	2.7544	4.0898	4.0991
Ta-176	3.4378	2.7195	4.5195	4.0580
Ta-177	0.9318	0.8688	1.1572	1.5614
Ta-178	0.9608	0.9082	1.2722	1.6862
Ta-178m	7.0959	5.7509	7.4154	6.4828
Ta-179	0.4256	0.4347	0.6317	0.9622
Ta-180	0.7655	0.7339	1.0118	1.3857
Ta-182	2.9329	2.2153	4.1635	3.2056
Ta-182m	2.6068	1.8534	3.7950	3.7232
Ta-183	2.5919	2.1947	3.2555	3.9702
Ta-184	5.4864	4.3188	5.7401	5.2624
Ta-185	1.3665	0.9725	2.0633	2.0339

Nuclide	avg400	ctr400	mid400	cnr400
Ta-186	5.1596	3.6723	5.0885	4.0017
Tb-146	3.0812	2.3993	3.4182	3.1507
Tb-147m	1.9160	1.5068	2.2748	2.2199
Tb-147	3.5647	2.6605	4.1679	3.1179
Tb-148m	6.8783	5.2324	6.6990	5.1847
Tb-148	2.9778	2.1632	3.3544	2.5260
Tb-149m	2.7906	2.0556	2.9361	2.5672
Tb-149	3.2568	2.4559	3.5960	2.9065
Tb-150m	7.1434	5.7959	5.8579	5.3278
Tb-150	3.3340	2.6943	3.4014	3.0424
Tb-151	4.2968	3.5039	3.9538	4.3698
Tb-151m	0.5146	0.5272	0.7454	1.2136
Tb-152m	3.8117	3.2227	3.7158	3.9993
Tb-152	3.0005	2.4737	3.0701	2.6804
Tb-153	2.2526	1.7415	2.5577	2.7471
Tb-154	3.2981	2.4632	4.1083	3.3195
Tb-155	2.1066	1.6754	2.4087	2.6592
Tb-156	5.0841	3.8557	5.6557	4.7171
Tb-156m	0.5917	0.5728	0.5352	0.7132
Tb-156n	0.0923	0.1125	0.2069	0.3993
Tb-157	0.1161	0.1335	0.2142	0.4207
Tb-158	2.2609	1.7264	3.1919	2.6180
Tb-160	2.4127	1.7919	3.2033	2.0835
Tb-161	0.6667	0.6452	0.9696	1.2826
Tb-162	3.2664	2.4554	3.8773	3.4922
Tb-163	3.1901	2.6263	2.5190	2.1243
Tb-164	5.3930	3.9536	5.8514	4.4789
Tb-165	1.2147	0.9007	1.4296	1.1258
Tc-101	1.6646	1.4473	1.3859	1.0526
Tc-102m	4.0870	3.1037	4.0709	2.9485
Tc-102	0.2020	0.1555	0.1749	0.1303
Tc-104	3.7612	2.9299	3.7770	2.6180
Tc-105	2.5658	1.8782	2.6651	1.9579
Tc-91	1.3246	0.9701	1.5897	1.1620
Tc-91m	1.2073	0.9345	0.9730	0.8106
Tc-92	5.6287	4.1162	5.7725	4.5531
Tc-93	1.6742	1.3501	2.0129	1.8318
Tc-93m	1.4638	1.1972	1.4871	1.0392
Tc-94	5.0085	3.5954	5.9167	3.8398
Tc-94m	1.8335	1.2646	2.5086	1.4657
Tc-95	1.8034	1.3532	2.1172	1.5943
Tc-95m	2.3173	1.5711	2.7921	1.8928
Tc-96	4.8936	3.3818	5.8608	3.7839

Nuclide	avg400	ctr400	mid400	cnr400
Tc-96m	0.2295	0.2238	0.3498	0.3269
Tc-97	0.2652	0.2969	0.4915	0.4989
Tc-97m	0.2300	0.2491	0.3807	0.3795
Tc-98	3.0222	2.3286	2.6031	2.0711
Tc-99	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.2148	0.6831	1.2217	0.8115
Te-113	1.6442	1.1617	2.1679	1.3324
Te-114	2.6326	2.0325	3.4835	2.8923
Te-115	2.4895	1.8751	2.9115	2.1898
Te-115m	2.8700	2.0815	3.6048	2.4874
Te-116	1.3470	1.0950	1.8901	1.7581
Te-117	2.1108	1.5791	2.6091	2.0027
Te-118	0.5241	0.4640	0.8740	0.8981
Te-119	2.0387	1.7151	2.0699	1.9537
Te-119m	3.4964	2.4125	4.9661	3.3360
Te-121	2.2620	1.8756	2.1180	2.0229
Te-121m	1.5723	0.9943	2.2148	1.7002
Te-123	0.0101	0.0178	0.0421	0.0934
Te-123m	1.4598	0.7942	2.4107	1.5189
Te-125m	0.9078	0.7922	1.7452	1.6238
Te-127	0.0210	0.0166	0.0176	0.0136
Te-127m	0.2838	0.2527	0.5562	0.5436
Te-129	0.3342	0.2827	0.4291	0.4366
Te-129m	0.2691	0.2303	0.4560	0.4291
Te-131	1.7843	1.1241	2.1204	1.3182
Te-131m	3.1979	2.2313	3.8331	2.5336
Te-132	2.0026	1.5007	2.7600	2.6096
Te-133	2.6317	2.0932	2.6575	1.7366
Te-133m	3.7251	2.7019	4.5935	2.9510
Te-134	3.2652	2.3515	3.7901	2.7611
Th-223	0.9034	0.7110	1.3744	1.3343
Th-224	0.1744	0.1000	0.2549	0.1741
Th-226	0.1001	0.0863	0.1407	0.1916
Th-227	1.0481	0.9763	1.5283	1.9963
Th-228	0.0555	0.0633	0.1415	0.2035
Th-229	1.2085	1.0378	2.1753	2.4704
Th-230	1.2727	1.3053	1.2185	1.0527
Th-231	0.5096	0.5666	1.1584	1.6314
Th-232	1.2967	1.3020	1.3332	1.2952
Th-233	0.2332	0.2109	0.3897	0.4822
Th-234	0.1566	0.1431	0.2502	0.2996
Th-235	0.1578	0.1211	0.1422	0.1142
Th-236	0.2128	0.1667	0.2153	0.2349

Nuclide	avg400	ctr400	mid400	cnr400
Ti-44	2.0358	1.7205	4.0662	2.8857
Ti-45	0.0080	0.0095	0.0189	0.0356
Ti-51	1.6161	1.4163	1.3662	0.8079
Ti-52	1.4163	0.9589	0.9056	1.0031
Tl-190	2.2407	1.8335	2.3167	1.9273
Tl-190m	5.8112	4.6819	5.6753	4.6748
Tl-194	2.2930	1.9168	2.6252	2.2951
Tl-194m	7.2966	5.8796	7.3551	6.6087
Tl-195	2.7301	2.2514	4.2711	3.9620
Tl-196	3.7187	2.9700	4.5439	3.7996
Tl-197	2.0376	1.7092	3.1983	2.8980
Tl-198	4.0023	3.1794	5.1218	4.1442
Tl-198m	4.6659	3.9843	5.0379	4.9743
Tl-199	1.9146	1.5986	3.1400	2.9476
Tl-200	3.6688	3.0218	4.5604	3.6661
Tl-201	1.2882	1.1262	2.6054	2.5388
Tl-202	2.5024	2.1043	3.0634	2.7905
Tl-204	0.0195	0.0184	0.0417	0.0433
Tl-206m	7.7015	5.9507	8.3209	6.9846
Tl-206	0.0010	0.0009	0.0022	0.0019
Tl-207	0.0041	0.0027	0.0057	0.0030
Tl-208	3.6715	2.8678	3.4724	2.4419
Tl-209	4.4839	3.3884	3.5652	3.7245
Tl-210	4.7562	3.5509	5.6585	4.0968
Tm-161	3.9363	3.2690	4.4845	4.9725
Tm-162	2.4380	1.8806	2.9477	2.5059
Tm-163	3.6235	3.0330	3.9148	4.1305
Tm-164	0.8950	0.7687	1.0897	1.1849
Tm-165	2.9352	2.5440	2.9969	3.5426
Tm-166	3.6854	2.7816	4.7816	3.8938
Tm-167	1.4905	1.2088	1.8143	2.0871
Tm-168	4.2171	2.9981	4.8643	3.8945
Tm-170	0.0634	0.0611	0.1116	0.1357
Tm-171	0.0101	0.0101	0.0134	0.0190
Tm-172	0.7145	0.5699	0.9884	0.9467
Tm-173	1.6196	1.3285	1.2716	1.0722
Tm-174	6.0148	4.5962	7.1528	5.3524
Tm-175	2.8757	2.2272	2.7956	2.1047
Tm-176	4.0900	3.0135	5.1353	3.5906
U-227	1.0429	0.8529	1.3135	1.5225
U-228	0.0755	0.0765	0.1514	0.2049
U-230	0.0581	0.0716	0.1531	0.2292
U-231	1.3096	1.1879	2.0863	2.6505

Nuclide	avg400	ctr400	mid400	cnr400
U-232	0.0480	0.0636	0.1331	0.2130
U-233	0.0254	0.0336	0.0709	0.1163
U-234	0.6509	0.6572	0.6990	0.5496
U-235	1.5042	1.4876	1.4977	1.4020
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0382	0.0516	0.1091	0.1762
U-237	1.6235	1.2684	1.9329	2.1409
U-238	1.1124	1.1414	1.1307	1.0813
U-239	0.6495	0.5669	1.3132	1.0215
U-240	0.1745	0.1970	0.3683	0.5642
U-242	0.2694	0.2236	0.3237	0.2891
V-47	0.0100	0.0076	0.0167	0.0186
V-48	3.0871	2.1807	4.5748	2.4714
V-49	0.0263	0.0485	0.1157	0.2617
V-50	1.4250	1.1086	1.3660	1.7528
V-52	1.4086	1.0667	1.4874	1.4001
V-53	1.5399	1.0632	2.5423	1.1229
W-177	4.3927	3.5304	5.0005	5.0992
W-178	0.2814	0.3056	0.5069	0.8331
W-179	0.9597	0.9496	1.6175	2.1511
W-179m	0.7112	0.6509	1.0380	1.3415
W-181	0.6599	0.6499	0.9596	1.3409
W-185m	0.4085	0.4433	0.9211	1.6043
W-185	0.0007	0.0006	0.0008	0.0010
W-187	1.6226	1.3037	1.6008	1.4812
W-188	0.0131	0.0112	0.0150	0.0172
W-190	1.8123	1.3927	2.8017	2.7999
Xe-120	2.2614	1.7687	3.3882	2.7274
Xe-121	1.9706	1.4909	2.6195	2.0013
Xe-122	0.8175	0.6802	1.4603	1.1981
Xe-123	1.8379	1.2038	2.8479	1.9100
Xe-125	2.1768	1.5219	3.3640	2.6782
Xe-127	2.2659	1.3952	3.4070	2.2077
Xe-127m	1.8337	1.1553	2.1669	1.6114
Xe-129m	1.0889	0.9038	2.3525	1.9391
Xe-131m	0.4478	0.3743	1.0087	0.8308
Xe-133	0.8123	0.6669	1.8651	1.2838
Xe-133m	0.5774	0.4761	1.1456	0.9950
Xe-135	1.5058	1.3016	1.5675	2.2709
Xe-135m	1.5788	1.2561	1.2786	1.1101
Xe-137	0.6104	0.4788	0.4788	0.3828
Xe-138	1.9027	1.4198	2.4641	2.0936
Y-81	1.4862	1.1068	1.6766	1.5004

Nuclide	avg400	ctr400	mid400	cnr400
Y-83	0.9866	0.8090	1.4089	1.2933
Y-83m	1.3707	1.1893	1.3358	1.6943
Y-84m	4.9326	3.4346	6.4461	3.6523
Y-85	1.3764	1.0885	1.2108	1.0746
Y-85m	1.1752	0.8732	1.5533	1.3033
Y-86	4.9178	3.6169	6.4182	4.0935
Y-86m	1.3433	0.6942	1.7292	1.0445
Y-87	1.8587	1.5457	1.7044	1.7641
Y-87m	1.2797	1.0770	1.0543	0.8303
Y-88	2.9938	2.0349	4.9588	3.3345
Y-89m	1.5138	1.0103	2.1791	1.0888
Y-90	0.0000	0.0000	0.0001	0.0001
Y-90m	3.0362	1.9437	3.0015	1.9147
Y-91	0.0038	0.0027	0.0053	0.0027
Y-91m	1.6654	1.3503	1.1896	1.0787
Y-92	0.4104	0.2921	0.5170	0.3034
Y-93	0.2018	0.1600	0.2422	0.2237
Y-94	1.1946	0.8237	1.6476	0.8675
Y-95	0.8820	0.6237	1.3126	0.7273
Yb-162	2.0610	1.5458	2.2197	2.2440
Yb-163	1.4987	1.2866	1.8376	2.0443
Yb-164	0.7304	0.7194	0.8186	1.1700
Yb-165	1.9867	1.8777	3.0004	3.5091
Yb-166	1.3745	1.3393	1.7243	2.2234
Yb-167	3.1756	2.6188	3.2147	4.0194
Yb-169	3.7084	3.0314	4.2116	4.6196
Yb-175	0.2165	0.1798	0.1854	0.1893
Yb-177	0.6740	0.4460	0.8696	0.6166
Yb-178	0.1715	0.1462	0.1423	0.1219
Yb-179	2.9545	2.4494	2.2810	2.0457
Zn-60	1.6325	1.3680	1.4419	1.3606
Zn-61	0.7164	0.5364	0.7580	0.5761
Zn-62	1.4257	1.2740	1.4559	2.0756
Zn-63	0.2599	0.2017	0.3207	0.2461
Zn-65	0.8381	0.6875	1.5498	1.4295
Zn-69	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.6391	1.3111	1.2255	1.0294
Zn-71	0.9239	0.7018	0.7876	0.5869
Zn-71m	4.9762	3.9892	3.8256	3.0867
Zn-72	1.4731	0.9477	2.0970	2.1323
Zr-85	1.4944	1.1721	1.3083	1.0308
Zr-86	2.0749	1.8407	2.8576	3.5735
Zr-87	0.1383	0.1158	0.2353	0.1959

Nuclide	avg400	ctr400	mid400	cnr400
Zr-88	1.7338	1.4987	1.6775	1.5461
Zr-89	1.6728	1.2025	2.5802	1.6034
Zr-89m	1.5616	1.2974	1.1460	1.0897
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4876	1.0622	1.4322	1.0364
Zr-97	1.7852	1.2919	1.7531	1.2681

Table 13: Composite 2 - Infinite Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.1732	0.1550	0.2106	0.1907	0.8839	0.7732	0.8916	1.1681
Ac-224	2.1451	1.8449	2.7542	1.9193	5.1479	4.6577	5.1383	6.2536
Ac-225	0.2293	0.2135	0.2791	0.2798	1.4273	1.2535	1.4171	1.8314
Ac-226	1.0732	0.8336	1.2617	0.9536	2.3475	2.1423	2.3406	2.7659
Ac-227	0.0296	0.0293	0.0250	0.0395	0.3707	0.3199	0.3774	0.5109
Ac-228	1.9840	1.4655	1.8551	2.2014	4.0347	3.6373	3.9770	4.4073
Ac-230	0.8826	0.6754	0.8565	1.0623	1.9470	1.7305	1.8871	2.1412
Ac-231	2.6056	1.9780	3.0028	2.4372	4.2083	3.8855	4.3000	4.6879
Ac-232	1.5314	1.1021	1.3182	1.7504	2.9109	2.5800	2.8656	3.0799
Ac-233	1.4840	1.2539	1.4358	1.7005	1.6076	1.4455	1.4708	1.5217
Ag-100m	2.9087	2.0725	2.2116	2.8741	2.8242	2.5808	2.7830	2.4084
Ag-101	2.2174	1.6075	2.2916	1.9898	3.1190	2.9368	3.1107	2.9898
Ag-102m	1.8338	1.3531	1.8056	1.9930	2.2205	2.0276	2.1604	2.0144
Ag-102	4.3157	3.2168	3.7397	4.5712	4.7678	4.3799	4.5976	4.2027
Ag-103	1.9611	1.4584	1.8613	1.7955	4.4724	4.2431	4.4924	4.5615
Ag-104	5.1009	3.8393	4.2881	5.2696	7.2702	6.7921	7.1146	6.7331
Ag-104m	2.0863	1.6533	1.9651	2.2189	3.1045	2.8793	3.0053	2.8913
Ag-105	2.3205	1.7574	2.4270	2.1723	5.7961	5.5162	5.9425	5.8948
Ag-105m	0.0108	0.0089	0.0068	0.0091	0.0989	0.0836	0.1072	0.1536
Ag-106	0.4305	0.3840	0.4508	0.4724	1.6690	1.5794	1.6607	1.7059
Ag-106m	6.1593	4.7401	5.5801	6.5340	8.6850	8.1138	8.4109	8.1028
Ag-108	0.0487	0.0388	0.0380	0.0417	0.1249	0.1181	0.1258	0.1250
Ag-108m	4.5698	3.5848	3.7685	4.1226	7.0444	6.6423	6.9350	6.7676
Ag-109m	0.2304	0.2200	0.3116	0.1960	1.7875	1.7042	1.8196	1.9219
Ag-110	0.0719	0.0536	0.0467	0.0586	0.0746	0.0692	0.0745	0.0654
Ag-110m	5.0032	3.5667	3.7827	4.9041	4.5377	4.1888	4.4304	3.7986
Ag-111	0.1214	0.0838	0.1354	0.1175	0.1220	0.1166	0.1308	0.1161
Ag-111m	0.1258	0.1161	0.1448	0.1054	1.0111	0.9585	1.0314	1.1071
Ag-112	1.1496	0.8399	0.8867	1.0999	1.0522	0.9568	1.0318	0.8866
Ag-113m	0.8514	0.6053	0.8786	0.8212	1.1472	1.0827	1.2009	1.1498
Ag-113	0.2725	0.1835	0.3013	0.2625	0.2731	0.2583	0.2943	0.2530
Ag-114	0.4801	0.3736	0.4290	0.5131	0.4414	0.4007	0.4130	0.3692
Ag-115	0.9861	0.7137	0.9555	0.9385	0.9950	0.9281	0.9850	0.9172
Ag-116	2.8482	2.1773	2.8594	3.1858	2.6695	2.4335	2.4808	2.2714
Ag-117	1.9000	1.3170	1.8519	1.9772	2.0148	1.8685	2.0190	1.8628
Ag-99	2.8935	2.0163	2.8129	2.7119	3.1974	2.9932	3.1706	2.9418
Al-26	1.7339	1.1428	1.5669	2.1573	1.6009	1.3956	1.5807	1.2935
Al-28	1.7018	1.1201	1.5274	2.1289	1.5700	1.3691	1.5459	1.2715
Al-29	1.4138	0.9638	1.5672	1.7884	1.2994	1.1408	1.2365	1.1369
Am-237	2.4968	2.0115	2.2968	2.4169	6.3516	5.8019	6.3337	7.2536
Am-238	2.5958	2.0490	2.1572	2.8017	6.0970	5.5413	6.0118	6.7279
Am-239	2.5343	2.1754	2.1353	2.4814	8.5779	7.7819	8.5416	10.1363

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-240	2.7694	2.1321	2.3853	3.1253	7.4487	6.7563	7.3619	8.2775
Am-241	0.3864	0.3969	0.3944	0.3825	0.5848	0.5999	0.5645	0.5530
Am-242	0.3037	0.2853	0.2588	0.3331	2.0091	1.8161	1.9995	2.3868
Am-242m	0.1550	0.1557	0.1480	0.1889	1.7158	1.5380	1.7150	2.0898
Am-243	0.8187	0.8015	1.8994	0.6185	2.1843	2.0183	2.1952	2.6240
Am-244	2.3799	1.8826	1.8959	2.3485	7.8501	7.1663	7.8150	8.8310
Am-244m	0.1066	0.0984	0.1001	0.1238	0.8759	0.7919	0.8739	1.0339
Am-245	0.2918	0.2319	0.2564	0.2452	0.8541	0.7816	0.8488	0.9820
Am-246	3.0683	2.5022	2.5255	2.8484	10.7609	9.8298	10.7648	12.2644
Am-246m	1.7715	1.2647	1.5761	1.9787	3.2025	2.9209	3.1552	3.2820
Am-247	1.0829	0.8517	0.9693	0.9697	2.7830	2.5530	2.7920	3.1625
Ar-37	0.0073	0.0065	0.0014	0.0050	0.1059	0.0874	0.1156	0.1750
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.3834	0.9395	1.5218	1.7796	1.2738	1.1142	1.2092	1.1169
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.8980	1.3067	1.7817	2.1602	1.7084	1.5552	1.6484	1.4079
Ar-44	2.7461	1.9135	2.5754	3.0736	2.5115	2.2874	2.5044	2.2517
As-68	3.7069	2.5420	3.2358	4.0678	3.3481	3.0489	3.2711	2.7448
As-69	0.4716	0.3407	0.5019	0.4237	0.6169	0.5598	0.6312	0.7208
As-70	4.7782	3.2742	4.2724	5.3867	4.4674	4.0424	4.3725	3.7795
As-71	1.4413	1.0655	1.4021	1.3683	2.7151	2.4158	2.8743	3.6917
As-72	1.5424	1.1061	1.1477	1.4982	1.6122	1.4802	1.5871	1.5580
As-73	0.3529	0.3129	0.1277	0.2681	4.0159	3.3384	4.3449	6.4924
As-74	1.2067	0.9371	0.8535	1.0708	1.7229	1.5191	1.7480	1.9736
As-76	0.9426	0.7436	0.8191	0.9847	0.8599	0.7826	0.8024	0.7189
As-77	0.0449	0.0330	0.0505	0.0360	0.0460	0.0434	0.0451	0.0462
As-78	2.1205	1.5393	1.7313	2.1228	1.9253	1.7515	1.8743	1.6278
As-79	0.0937	0.0698	0.0858	0.0946	0.0845	0.0800	0.0813	0.0754
At-204	6.1237	4.9358	6.3962	5.9908	7.3060	6.6866	7.0538	7.4355
At-205	2.7590	2.2545	3.8185	2.6320	4.5112	4.0715	4.5171	5.2004
At-206	6.2567	4.9415	6.7312	6.0754	7.4497	6.8463	7.2307	7.6488
At-207	4.5310	3.5731	5.6677	4.4880	6.5553	5.9329	6.5237	7.2165
At-208	7.1153	5.4666	7.5412	6.6692	9.2500	8.4298	9.2372	9.7947
At-209	6.3610	5.1815	7.5714	6.1556	9.1124	8.2873	8.9460	10.0290
At-210	5.4912	4.0389	7.1099	5.8395	7.9902	7.1629	7.8948	8.7618
At-211	0.4913	0.4860	1.2082	0.4474	1.5087	1.3420	1.5294	1.9937
At-215	0.0007	0.0006	0.0008	0.0006	0.0008	0.0007	0.0007	0.0008
At-216	0.0270	0.0249	0.0560	0.0233	0.0635	0.0570	0.0647	0.0821
At-217	0.0015	0.0011	0.0021	0.0011	0.0021	0.0019	0.0021	0.0024
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.2213	1.6062	2.4672	1.8154	2.5486	2.3904	2.5571	2.6149
Au-186	3.0971	2.4005	3.3253	2.8468	3.7995	3.4955	3.8828	4.2369

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Au-187	2.3526	1.8710	2.7752	2.2449	4.0219	3.5757	4.0873	4.9528
Au-190	3.9783	2.8920	4.7482	3.8453	4.8311	4.4078	5.0122	5.1927
Au-191	2.9131	2.3633	3.4823	2.4765	4.6757	4.2281	4.7601	5.7363
Au-192	3.6312	2.6499	4.2974	3.7270	4.5777	4.1446	4.7854	4.9737
Au-193	1.5885	1.3747	2.2527	1.2089	3.1923	2.8632	3.2940	4.2353
Au-193m	1.4242	1.0405	1.7451	1.0716	2.8655	2.5639	2.9341	3.6422
Au-194	2.7611	2.0691	3.3691	2.7546	3.7947	3.4345	3.9746	4.3334
Au-195	1.1789	1.0897	1.7333	0.9179	3.4561	3.0392	3.5900	4.8419
Au-195m	1.4300	1.0463	1.7689	1.1080	2.9064	2.5989	2.9841	3.6912
Au-196	2.4921	1.9263	3.0872	2.2957	3.4722	3.1930	3.6377	4.0918
Au-196m	2.3430	1.9321	3.0995	2.0435	6.1536	5.4375	6.3861	8.4272
Au-198	1.4886	1.1544	1.3885	1.3819	1.3870	1.3320	1.2862	1.3556
Au-198m	4.2774	3.5844	5.1062	3.6367	6.7001	6.1295	6.9532	8.3952
Au-199	0.8401	0.6293	1.0734	0.7725	1.4246	1.3047	1.4733	1.8184
Au-200	0.5259	0.3720	0.5570	0.5732	0.5032	0.4648	0.4999	0.4749
Au-200m	6.9365	5.2759	6.8157	6.5194	7.2141	6.7179	7.0707	7.1301
Au-201	0.1329	0.1104	0.1410	0.1330	0.3050	0.2681	0.3088	0.3918
Au-202	0.3516	0.2642	0.3475	0.3895	0.3270	0.3022	0.3049	0.2922
Ba-124	1.5137	1.2895	1.7233	1.3012	5.3142	5.1304	5.3777	5.4204
Ba-126	2.0715	1.6880	2.2730	1.7631	5.9293	5.7077	5.9735	5.9406
Ba-127	0.7715	0.6990	0.8900	0.6350	3.2827	3.1708	3.3249	3.3788
Ba-128	0.7560	0.7276	1.0085	0.5365	4.5679	4.4258	4.6409	4.6995
Ba-129	0.8339	0.7808	0.9929	0.6315	4.1706	4.0277	4.2261	4.3066
Ba-129m	4.2055	3.3263	4.1422	4.0610	8.4321	8.0349	8.4228	8.4202
Ba-131	2.4331	2.1273	2.6280	2.1586	7.2401	6.9639	7.2114	7.3001
Ba-131m	0.9568	0.8923	0.9027	0.7557	3.5262	3.3959	3.5787	3.7463
Ba-133	2.6643	2.3020	3.8563	2.2360	8.6943	8.4117	8.9037	8.9587
Ba-133m	0.6808	0.6286	0.8617	0.4999	3.7861	3.6211	3.8699	4.0804
Ba-135m	0.6235	0.5837	0.8082	0.4337	3.3987	3.2919	3.4534	3.5022
Ba-137m	1.4274	1.0799	0.9488	1.1491	1.6748	1.5672	1.6748	1.4968
Ba-139	0.3395	0.2455	0.3690	0.3111	0.5608	0.5478	0.5760	0.5952
Ba-140	0.7394	0.6188	0.7601	0.7464	1.9078	1.7665	1.9208	2.1378
Ba-141	2.7358	2.0065	2.7866	2.6572	3.0561	2.8944	3.1228	2.9079
Ba-142	2.4277	1.7625	2.6681	2.3752	3.3896	3.2170	3.3738	3.2121
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1610	0.1361	0.1653	0.1880	0.1466	0.1353	0.1275	0.1254
Bi-197	3.2164	2.4939	4.1764	3.3717	4.8910	4.3933	4.8912	5.5431
Bi-200	6.9149	5.3803	8.2476	7.0052	8.4213	7.7466	8.1662	8.8429
Bi-201	3.3116	2.5564	4.3229	3.4936	4.9243	4.4219	4.9132	5.5413
Bi-202	6.4295	4.8710	7.0484	6.3995	7.6729	7.0336	7.5669	7.9097
Bi-203	4.2646	3.2360	5.0976	4.4326	5.8267	5.2426	5.8071	6.3420
Bi-204	6.4098	4.7585	7.2534	6.5994	7.9274	7.2497	7.8923	8.2734
Bi-205	3.1792	2.4503	3.9392	3.3042	4.7833	4.2724	4.7950	5.3672

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Bi-206	7.5018	5.8240	8.2972	7.6821	9.2191	8.4051	9.0525	9.6186
Bi-207	3.6445	2.8861	4.4900	3.8373	5.0551	4.5432	4.9869	5.4690
Bi-208	2.1334	1.6408	3.0891	2.0665	3.4260	3.0868	3.4110	4.0181
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4331	0.9971	1.7883	1.2011	1.6421	1.5355	1.7245	1.7224
Bi-211	0.2174	0.1595	0.2666	0.2140	0.2501	0.2343	0.2647	0.2671
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2218	0.1694	0.1789	0.2320	0.6179	0.5449	0.6246	0.7739
Bi-213	0.4685	0.3835	0.5285	0.4782	0.5198	0.4842	0.4858	0.5300
Bi-214	2.0870	1.4824	1.8315	2.2457	1.9449	1.7531	1.8959	1.6532
Bi-215	1.0090	0.7491	1.4086	0.9633	1.3521	1.2437	1.4042	1.4767
Bi-216	2.2694	1.8508	2.1574	2.3579	2.1955	2.0269	2.0172	1.9807
Bk-245	2.2102	1.8009	1.7956	1.9171	6.4776	5.9317	6.4292	7.4470
Bk-246	2.5336	2.0160	1.9374	2.4993	7.2973	6.6560	7.2240	8.2015
Bk-247	1.2920	1.0729	1.9079	1.0542	2.3146	2.1543	2.3292	2.6174
Bk-248m	0.4451	0.3898	0.3545	0.4335	1.8979	1.7290	1.8845	2.1958
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.5554	1.0560	1.4665	1.8583	2.6271	2.4077	2.5993	2.5567
Bk-251	0.9785	0.8129	0.7393	0.8485	3.9120	3.5632	3.8897	4.5781
Br-72	2.9464	2.0872	2.6638	3.2463	2.8847	2.6364	2.7814	2.5802
Br-73	1.4297	1.0877	1.3284	1.3039	1.7349	1.6011	1.7272	1.8240
Br-74	3.3327	2.3861	3.4346	3.0982	3.2973	2.9889	3.2727	3.0102
Br-74m	4.1608	2.9965	3.5379	3.9253	4.0649	3.6866	4.0162	3.6385
Br-75	1.9793	1.3626	2.1511	1.8488	2.5106	2.3135	2.6153	2.6907
Br-76	2.9897	2.2439	2.8241	3.2475	3.7774	3.3595	3.6702	3.8462
Br-76m	0.7198	0.6810	0.6969	0.8930	5.4121	4.8359	5.3785	6.8614
Br-77	1.3496	1.0664	1.3748	1.4179	3.6009	3.1552	3.6096	4.5928
Br-77m	0.3200	0.3002	0.3017	0.5031	2.3584	2.0424	2.3440	3.1353
Br-78	0.2276	0.1761	0.1610	0.2086	0.3831	0.3385	0.3836	0.4338
Br-80	0.1397	0.1081	0.0971	0.1284	0.2693	0.2368	0.2709	0.3170
Br-80m	0.5714	0.5923	0.6985	0.8378	6.2572	5.6376	6.2373	7.7615
Br-82m	0.1792	0.1808	0.2077	0.3825	2.3068	1.9821	2.2927	3.1123
Br-82	5.0640	3.7459	4.0386	5.0795	4.5752	4.2103	4.3821	3.8627
Br-83	0.0201	0.0169	0.0194	0.0230	0.0188	0.0171	0.0168	0.0159
Br-84m	4.7024	3.3601	4.2162	5.1944	4.2443	3.9146	4.0137	3.6743
Br-84	1.7540	1.2078	1.7071	1.8717	1.5751	1.4386	1.5360	1.3009
Br-85	0.1130	0.0792	0.0907	0.1172	0.1007	0.0938	0.0973	0.0838
C-10	1.5422	1.1380	1.0148	1.3239	1.3796	1.2868	1.3499	1.1760
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0130	0.0115	0.0024	0.0089	0.1891	0.1561	0.2064	0.3124
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2462	0.8692	1.3211	1.5590	1.1437	1.0104	1.0785	0.9970

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ca-49	1.5229	1.0523	2.2850	1.2911	1.3751	1.2608	1.3264	1.2704
Cd-101	2.8203	2.1255	2.7123	3.0914	4.5602	4.2649	4.5513	4.4157
Cd-102	2.2580	1.8601	2.2988	2.4162	5.1599	4.8815	5.0661	5.1420
Cd-103	2.3295	1.7050	2.3140	2.5392	5.1638	4.8409	5.1599	5.0877
Cd-104	1.4873	1.3459	2.2803	1.2289	5.7937	5.5381	5.8811	6.1191
Cd-105	1.5753	1.1660	1.5618	1.7031	3.9061	3.6735	3.9292	3.8843
Cd-107	0.6575	0.6255	0.8133	0.5675	5.4961	5.2500	5.5862	5.8484
Cd-109	0.6044	0.5775	0.7694	0.5177	5.1727	4.9395	5.2589	5.5135
Cd-111m	2.0572	1.4503	2.2828	1.4736	3.7631	3.6150	3.7857	3.8763
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0007	0.0005	0.0008	0.0005	0.0030	0.0029	0.0031	0.0032
Cd-115	0.6162	0.5183	0.6276	0.6911	0.7454	0.6918	0.6870	0.6689
Cd-115m	0.0508	0.0351	0.0479	0.0596	0.0459	0.0420	0.0439	0.0375
Cd-117	2.0461	1.4189	2.1373	2.1879	2.1486	1.9926	2.1433	1.9640
Cd-117m	2.5159	1.7409	2.3544	2.8891	2.3077	2.0844	2.2480	1.8981
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5055	1.6928	2.5347	2.7543	2.4881	2.2880	2.5219	2.2060
Cd-119m	2.9260	2.0181	2.7337	3.3307	2.7713	2.5190	2.7026	2.3331
Ce-130	2.2017	1.8292	2.2810	1.7544	7.2319	6.9870	7.3017	7.4236
Ce-131	3.0024	2.3290	2.9487	2.8453	6.1681	5.8763	6.1621	6.2495
Ce-132	2.0944	1.7659	2.3368	1.7257	6.2261	6.0458	6.3345	6.4910
Ce-133	1.6944	1.6881	2.2766	1.3241	7.7484	7.5254	7.8392	8.0602
Ce-133m	4.2187	3.4452	4.2543	4.1807	9.3147	8.8905	9.2121	9.1761
Ce-134	0.5340	0.5815	0.7158	0.3432	4.3844	4.2581	4.4420	4.5724
Ce-135	3.1349	2.5033	3.2521	2.6974	7.3284	7.0399	7.3857	7.2971
Ce-137	0.5901	0.6328	0.7585	0.3939	4.7949	4.6124	4.8763	5.1754
Ce-137m	0.5845	0.5495	0.7181	0.3762	3.4584	3.3561	3.4960	3.6407
Ce-139	1.5718	1.3088	1.8270	1.3065	5.7002	5.5436	5.8047	6.0020
Ce-141	0.6631	0.4807	0.6281	0.5256	1.4840	1.4440	1.4992	1.5796
Ce-143	1.4898	1.1975	1.6340	1.2117	4.5678	4.4236	4.6577	4.7110
Ce-144	0.1868	0.1528	0.1904	0.1216	0.6239	0.6049	0.6270	0.6646
Ce-145	2.4990	2.0500	2.3048	2.1002	6.8485	6.6061	6.8567	6.9609
Cf-244	0.0574	0.0578	0.0557	0.0684	0.6313	0.5701	0.6302	0.7520
Cf-246	0.0396	0.0398	0.0384	0.0470	0.4325	0.3907	0.4319	0.5149
Cf-247	1.2746	1.1173	0.9863	1.1952	6.6368	6.0213	6.6195	7.8541
Cf-248	0.0478	0.0479	0.0463	0.0566	0.5168	0.4670	0.5161	0.6149
Cf-249	1.4732	1.1179	1.4105	1.3874	2.6786	2.4959	2.6652	2.9199
Cf-250	0.0519	0.0478	0.0503	0.0590	0.4107	0.3714	0.4098	0.4840
Cf-251	1.2310	1.0244	1.0461	1.1328	4.1797	3.8200	4.1735	4.8706
Cf-252	0.7633	0.5633	0.7405	0.7900	1.1204	1.0300	1.1045	1.1166
Cf-253	0.1288	0.1281	0.1241	0.1253	1.3539	1.2290	1.3589	1.6131
Cf-254	26.7575	19.3870	26.0003	27.5198	26.6488	24.7215	26.0843	23.7555
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001
Cl-34m	1.5638	1.0459	1.6221	1.6262	1.4341	1.3105	1.4247	1.2971
Cl-36	0.0001	0.0001	0.0000	0.0001	0.0015	0.0012	0.0016	0.0025
Cl-38	1.2511	0.8347	1.1832	1.5045	1.1506	1.0161	1.1301	0.9446
Cl-39	2.2105	1.4777	2.3404	2.3614	2.0488	1.8563	1.9763	1.8293
Cl-40	3.0780	2.1045	3.3676	3.4133	2.8145	2.5300	2.7215	2.4324
Cm-238	0.9761	0.8518	0.7220	0.9433	3.3125	3.0177	3.2831	3.8673
Cm-239	2.3035	1.8986	1.9826	2.1232	5.3838	4.9595	5.3841	6.2079
Cm-240	0.0641	0.0652	0.0639	0.0844	0.7245	0.6487	0.7183	0.8739
Cm-241	2.7532	2.3728	2.4461	2.9209	8.2478	7.4771	8.0794	9.4982
Cm-242	0.0575	0.0585	0.0574	0.0757	0.6507	0.5826	0.6451	0.7849
Cm-243	1.2775	1.0700	1.1426	1.2229	4.3891	3.9708	4.3927	5.2364
Cm-244	0.0494	0.0502	0.0493	0.0651	0.5589	0.5003	0.5540	0.6741
Cm-245	1.2746	1.1166	1.0242	1.2918	4.5732	4.1496	4.5389	5.4104
Cm-246	0.0451	0.0442	0.0448	0.0577	0.4511	0.4041	0.4471	0.5423
Cm-247	1.2379	0.9393	1.1276	1.1147	1.2267	1.1807	1.1617	1.2168
Cm-248	2.1225	1.5488	2.0627	2.1932	2.4968	2.3028	2.4492	2.3575
Cm-249	0.0785	0.0634	0.0467	0.0657	0.3888	0.3279	0.4165	0.5924
Cm-250	21.1157	15.2988	20.5377	21.7319	21.0651	19.5361	20.6184	18.8002
Cm-251	0.4026	0.3296	0.3567	0.4149	0.7480	0.6838	0.7238	0.7918
Co-54m	4.4433	3.1096	4.3617	5.1426	4.0211	3.6719	3.8094	3.5150
Co-55	2.0270	1.4287	1.8590	2.3334	1.9827	1.8047	1.9121	1.7713
Co-56	3.8979	2.6981	3.7095	4.2778	4.0784	3.6641	4.0085	3.9353
Co-57	1.0708	0.7911	0.5765	0.7466	2.8239	2.4715	2.8917	3.8536
Co-58	1.6142	1.1797	1.1065	1.5017	2.0339	1.8430	2.0350	2.2503
Co-58m	0.0522	0.0464	0.0101	0.0360	0.7592	0.6270	0.8286	1.2530
Co-60	2.8766	1.9320	3.0605	3.6660	2.6247	2.3189	2.5070	2.2347
Co-60m	0.0775	0.0677	0.0272	0.0541	0.8525	0.7065	0.9282	1.3951
Co-61	0.8347	0.7485	1.2461	0.5644	0.9299	0.8861	0.9392	1.0642
Co-62	1.7130	1.1491	1.8206	2.0994	1.5485	1.3858	1.4923	1.2869
Co-62m	3.0501	2.0375	3.1476	3.7907	2.7592	2.4558	2.6664	2.2724
Cr-48	2.5232	1.8097	2.4267	2.3895	2.8073	2.6244	3.0366	3.0000
Cr-49	1.0928	0.9093	1.5047	0.9267	1.0789	1.0501	1.1070	1.2037
Cr-51	0.1725	0.1203	0.1788	0.1779	0.5650	0.4828	0.6264	0.8344
Cr-55	0.0007	0.0005	0.0007	0.0009	0.0007	0.0006	0.0006	0.0006
Cr-56	1.2802	1.2523	3.0599	0.9397	3.6140	3.4561	3.7193	4.1358
Cs-121	1.0048	0.7629	1.0693	0.9179	1.7270	1.6595	1.7356	1.7267
Cs-121m	1.8465	1.4664	1.9281	1.6818	3.2014	3.0774	3.2237	3.2226
Cs-123	1.3946	1.1921	1.5376	1.2557	3.6117	3.4734	3.6404	3.6260
Cs-124	0.5916	0.4362	0.6223	0.6056	0.8929	0.8517	0.9104	0.8583
Cs-125	1.2051	1.0540	1.2675	1.1476	3.6363	3.4888	3.6199	3.6257
Cs-126	0.9975	0.7766	0.9756	0.9481	1.6542	1.5914	1.6269	1.6199
Cs-127	1.8851	1.6021	1.9764	1.6123	5.6819	5.4908	5.6666	5.7616

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cs-128	0.6681	0.5765	0.7218	0.6517	1.8111	1.7407	1.7863	1.8052
Cs-129	1.6663	1.4818	1.9552	1.3897	6.9448	6.7263	7.0114	7.1037
Cs-130m	1.1060	1.1280	2.0396	0.7580	5.6848	5.4882	5.7936	6.0585
Cs-130	0.3721	0.3747	0.4882	0.2950	2.4395	2.3590	2.4662	2.5037
Cs-131	0.5002	0.5389	0.7187	0.3420	4.1895	4.0595	4.2492	4.3325
Cs-132	2.0741	1.7105	1.7484	1.6470	5.6145	5.3771	5.6593	5.5373
Cs-134	3.4419	2.6060	2.4977	3.1676	3.1369	2.9117	3.0145	2.6690
Cs-134m	0.3592	0.3388	0.3706	0.2340	2.2982	2.1690	2.3517	2.6085
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.0754	2.2324	2.1954	2.9026	2.8946	2.7325	2.7904	2.4938
Cs-136	4.3209	3.0336	4.0971	4.5247	4.4657	4.2011	4.4546	3.9728
Cs-137	0.8427	0.8367	0.8304	0.8708	1.2133	1.2059	1.2031	1.2302
Cs-138m	1.1403	0.9705	1.2588	1.1274	3.3165	3.1707	3.3245	3.3760
Cs-138	3.0659	2.1649	3.0143	3.6188	2.8662	2.5977	2.7271	2.4362
Cs-139	0.3090	0.2136	0.3124	0.3576	0.2845	0.2539	0.2747	0.2431
Cs-140	2.1205	1.5238	1.9314	2.2021	1.9408	1.7610	1.8827	1.6273
Cu-57	0.1532	0.1024	0.1536	0.1827	0.1380	0.1252	0.1334	0.1130
Cu-59	0.7405	0.5259	0.7230	0.8393	0.6906	0.6314	0.6720	0.6147
Cu-60	3.0851	2.1007	3.0467	3.6904	2.8963	2.5668	2.8036	2.5121
Cu-61	0.5661	0.4101	0.5299	0.5023	0.9042	0.8015	0.9493	1.1201
Cu-62	0.0104	0.0074	0.0090	0.0115	0.0307	0.0260	0.0325	0.0442
Cu-64	0.0380	0.0323	0.0131	0.0303	0.4599	0.3799	0.5011	0.7547
Cu-66	0.1487	0.0966	0.1430	0.1819	0.1309	0.1201	0.1275	0.0997
Cu-67	0.9083	0.7423	1.0394	0.7987	1.0311	0.9749	1.0811	1.2262
Cu-69	0.9041	0.6293	0.8009	1.0202	0.8046	0.7407	0.7741	0.6444
Dy-148	2.1071	1.6729	1.5016	1.6095	3.9765	3.7647	3.9928	4.1257
Dy-149	3.2727	2.4991	2.7314	3.0429	6.0423	5.7208	6.0330	6.2767
Dy-150	1.3334	1.0637	1.1569	1.0559	2.5645	2.4793	2.5277	2.7886
Dy-151	3.1796	2.4230	2.8014	3.0745	5.3792	5.0495	5.3521	5.6681
Dy-152	2.1232	1.5445	2.2191	1.3757	4.0833	3.9239	4.1130	4.4021
Dy-153	3.4102	2.7463	3.3601	2.7671	7.8081	7.4670	7.8529	8.5328
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.5160	1.9558	2.4052	2.0080	4.8645	4.6502	4.8852	5.2217
Dy-157	1.9961	1.4846	2.1326	1.8245	4.1566	3.9837	4.3740	4.4811
Dy-159	0.7132	0.6458	0.5751	0.3975	3.2281	3.1053	3.2672	3.7025
Dy-165m	0.1663	0.1430	0.1171	0.1265	0.7187	0.6366	0.7552	1.0117
Dy-165	0.1669	0.1398	0.1505	0.1276	0.3118	0.2959	0.3169	0.3556
Dy-166	0.5860	0.5253	0.7031	0.3623	1.6651	1.5546	1.7168	2.0956
Dy-167	2.1059	1.5525	2.0436	1.8350	2.4608	2.3077	2.4830	2.4489
Dy-168	1.7419	1.4227	1.5546	1.5624	2.4662	2.3198	2.4350	2.6656
Er-154	0.8075	0.7275	0.7106	0.4886	3.7943	3.5914	3.8772	4.4303
Er-156	0.9741	0.8823	0.8045	0.5910	4.7074	4.3846	4.8550	5.8179
Er-159	2.5268	1.9467	1.9825	2.1072	3.7301	3.4819	3.7568	3.9610

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Er-161	2.5916	1.9831	2.0712	2.2525	4.0281	3.7756	4.0428	4.3711
Er-163	0.6051	0.5257	0.4216	0.3406	1.8568	1.7566	1.8936	2.2444
Er-165	0.5815	0.5055	0.4039	0.3263	1.8032	1.7037	1.8404	2.1883
Er-167m	0.7148	0.5881	0.6521	0.5314	1.0452	0.9699	1.0871	1.2817
Er-169	0.0015	0.0014	0.0003	0.0011	0.0218	0.0180	0.0238	0.0360
Er-171	2.1532	1.5263	2.1464	1.9307	2.5216	2.3529	2.7293	2.7490
Er-172	2.0319	1.6030	1.5758	1.6367	2.3746	2.2072	2.3487	2.5961
Er-173	3.1787	2.4760	2.5853	2.6769	3.5190	3.2986	3.5691	3.8460
Es-249	2.0970	1.6535	1.6879	1.8686	5.3441	4.9275	5.3015	5.9879
Es-250	5.5582	4.4753	4.6606	5.1440	19.8187	18.1583	19.7946	22.5376
Es-250m	1.7771	1.3736	1.4215	1.7366	5.0165	4.5931	4.9741	5.5653
Es-251	1.1823	1.0099	0.8907	1.0482	5.5846	5.0675	5.5479	6.5779
Es-253	0.0163	0.0160	0.0155	0.0178	0.1633	0.1474	0.1635	0.1963
Es-254	0.5278	0.5237	0.4890	0.5797	5.6655	5.0715	5.6921	6.9979
Es-254m	1.2908	1.0116	0.9217	1.0942	3.0651	2.8200	3.0619	3.2533
Es-255	0.0011	0.0008	0.0011	0.0011	0.0011	0.0010	0.0011	0.0010
Es-256	0.0835	0.0828	0.0870	0.0795	0.8576	0.7871	0.8612	0.9949
Eu-142	0.3638	0.2675	0.3028	0.3596	0.5966	0.5638	0.5893	0.5815
Eu-142m	5.1621	3.7984	4.3430	5.4081	5.5880	5.1684	5.4150	5.0414
Eu-143	0.5684	0.4329	0.5478	0.5823	1.5537	1.4836	1.5513	1.6045
Eu-144	0.2756	0.2058	0.2550	0.2899	0.7127	0.6776	0.7104	0.7318
Eu-145	2.4239	1.8449	2.0998	2.3195	5.7682	5.5219	5.7495	5.8606
Eu-146	4.7587	3.5887	3.6304	4.2145	7.7220	7.3204	7.6692	7.5194
Eu-147	1.9011	1.5904	1.7138	1.4628	6.3985	6.1938	6.4222	6.8477
Eu-148	5.5633	4.3754	4.6925	5.2890	8.6671	8.1850	8.4759	8.3523
Eu-149	0.7104	0.6540	0.7487	0.4621	4.5270	4.3675	4.5853	5.0730
Eu-150	4.9528	3.8156	4.8414	4.8567	8.1998	7.8348	8.1995	8.1674
Eu-150m	0.1776	0.1419	0.1829	0.1545	0.5426	0.5258	0.5485	0.5765
Eu-152	2.7997	2.0854	2.6241	2.6675	6.0033	5.7429	6.0023	6.1593
Eu-152m	0.7434	0.5672	0.6442	0.6763	1.8779	1.8076	1.8745	1.9383
Eu-152n	0.9777	0.9235	1.5947	0.7750	2.4798	2.3221	2.5651	3.0892
Eu-154	2.4793	1.7671	2.0844	2.4075	3.1826	2.9709	3.1252	3.0882
Eu-154m	0.9959	0.9329	1.1360	0.7201	3.7870	3.5544	3.8931	4.5843
Eu-155	0.7586	0.6973	1.0652	0.5866	1.6208	1.5610	1.6500	1.8534
Eu-156	1.6899	1.2109	1.6380	1.8249	2.0170	1.8537	1.9954	1.9029
Eu-157	1.5390	1.2742	1.3918	1.2054	3.7887	3.6128	3.8092	4.2511
Eu-158	2.1939	1.5659	2.1963	2.3424	2.7831	2.5894	2.7615	2.6747
Eu-159	1.5871	1.3705	1.7515	1.1474	4.5999	4.4256	4.6350	5.0874
F-17	0.0005	0.0004	0.0004	0.0006	0.0005	0.0004	0.0005	0.0004
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.2827	0.8957	1.3307	1.1926	1.4290	1.3588	1.5044	1.7096
Fe-53	0.6472	0.4726	0.6272	0.6100	0.6022	0.5788	0.5987	0.5889
Fe-53m	4.3994	3.0317	3.8885	4.8418	3.9532	3.5987	3.8431	3.2628

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fe-55	0.0431	0.0383	0.0081	0.0297	0.6284	0.5186	0.6859	1.0380
Fe-59	1.5118	1.0126	1.5784	1.8846	1.3656	1.2230	1.3149	1.1415
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.0699	1.3750	2.1059	2.4254	1.8800	1.7115	1.8696	1.5726
Fe-62	1.5529	1.3443	1.6297	1.9122	1.4235	1.2936	1.2225	1.1734
Fm-251	1.1887	0.9635	0.8675	0.9874	4.3076	3.9270	4.3055	5.0674
Fm-252	0.0429	0.0427	0.0426	0.0449	0.4475	0.4078	0.4479	0.5239
Fm-253	0.9004	0.7868	0.7355	0.7866	5.3496	4.8689	5.3434	6.2884
Fm-254	0.0541	0.0510	0.0534	0.0565	0.4627	0.4218	0.4629	0.5386
Fm-255	0.4486	0.4494	0.4471	0.4758	4.7338	4.2660	4.7295	5.6934
Fm-256	19.8860	14.4167	19.2791	20.4255	19.9851	18.5440	19.5669	17.8534
Fm-257	1.3096	1.0845	1.1029	1.1272	5.2519	4.8058	5.2404	6.0812
Fr-212	2.7609	2.1801	3.6756	2.8601	5.3043	4.7533	5.2695	6.2152
Fr-219	0.0159	0.0124	0.0198	0.0164	0.0200	0.0185	0.0202	0.0214
Fr-220	0.1427	0.1346	0.2537	0.1562	0.6964	0.6132	0.6986	0.9124
Fr-221	0.2104	0.1713	0.2669	0.1699	0.3170	0.2930	0.3198	0.3675
Fr-222	1.1624	0.9830	1.1738	1.0851	2.9751	2.6832	2.9614	3.5590
Fr-223	0.6924	0.6185	0.8304	0.6102	2.5405	2.2816	2.5229	3.1369
Fr-224	1.4857	1.1259	1.4640	1.4323	2.4484	2.2236	2.4210	2.7137
Fr-227	2.2163	1.9016	2.7067	2.1090	3.8734	3.5425	3.8327	4.4183
Ga-64	2.2986	1.5516	2.3539	2.5700	2.0934	1.9020	2.0407	1.7439
Ga-65	1.1525	0.8840	0.7997	0.9329	1.7523	1.5836	1.7981	2.2014
Ga-66	1.5430	1.0557	1.6865	1.6568	1.9631	1.7402	1.9856	2.1342
Ga-67	1.2254	1.0044	1.3883	1.0863	2.8782	2.5255	3.0951	4.1209
Ga-68	0.0657	0.0457	0.0562	0.0750	0.2027	0.1714	0.2154	0.2924
Ga-70	0.0144	0.0097	0.0138	0.0163	0.0186	0.0167	0.0191	0.0207
Ga-72	3.5351	2.4966	2.9358	3.5955	3.1827	2.9381	3.0912	2.6776
Ga-73	1.7229	1.1943	1.8255	1.6302	3.6095	3.1718	3.9337	4.8354
Ga-74	3.8993	2.8391	3.5261	4.0396	3.5455	3.2219	3.4228	2.9766
Gd-142	1.3035	1.0029	1.2655	1.2120	2.7616	2.6385	2.7664	2.8609
Gd-143m	3.7076	2.7050	3.5786	3.2761	6.5741	6.2697	6.6006	6.6577
Gd-144	0.8156	0.6468	0.8109	0.7059	2.4828	2.3889	2.5005	2.6438
Gd-145m	1.5345	1.1566	1.0823	1.2979	2.3101	2.1423	2.3317	2.4445
Gd-145	2.3461	1.6764	2.2303	2.5369	4.2673	3.9976	4.2580	4.2072
Gd-146	2.7520	2.3007	2.3617	1.9227	9.8936	9.6075	9.9544	10.8855
Gd-147	4.3437	3.2902	4.0494	3.7714	7.6501	7.3459	7.6230	7.8062
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	2.6765	2.0428	2.6474	2.2498	6.7220	6.4995	6.8247	7.1848
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	0.8420	0.7423	0.8214	0.5373	4.4908	4.3123	4.5569	5.1322
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	1.4609	1.3596	1.3901	1.0419	6.2367	6.0625	6.2851	6.8791
Gd-159	0.3351	0.2688	0.3102	0.2614	0.8204	0.7898	0.8335	0.9061

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Gd-162	1.5442	1.2169	1.4546	1.4918	1.8154	1.7225	1.7234	1.8563
Ge-66	1.9864	1.5484	1.8583	1.7452	4.4334	4.0425	4.5755	5.5355
Ge-67	1.5348	1.0567	1.5332	1.5117	1.5144	1.4398	1.5569	1.6170
Ge-68	0.1069	0.0953	0.0222	0.0770	1.5551	1.2845	1.6946	2.5602
Ge-69	1.1933	0.8472	1.0580	1.3383	2.2123	1.9118	2.2857	2.8156
Ge-71	0.1085	0.0967	0.0225	0.0781	1.5773	1.3028	1.7188	2.5967
Ge-75	0.2045	0.1393	0.2294	0.1537	0.1946	0.1860	0.1980	0.1876
Ge-77	3.4532	2.5333	3.3726	3.0510	3.2309	3.0485	3.2043	3.0514
Ge-78	1.5409	1.0155	1.7932	1.2718	1.4620	1.3949	1.5458	1.3815
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.3776	0.9916	1.4243	1.2800	1.7642	1.6324	1.9408	2.0153
Hf-169	2.1786	1.8470	2.0247	2.1631	2.7152	2.4749	2.5986	2.9917
Hf-170	2.4788	1.9714	1.9622	1.9551	3.8010	3.4564	3.8996	4.7240
Hf-172	1.4722	1.2555	1.1793	0.9151	4.2713	3.8618	4.4408	5.6707
Hf-173	2.8155	2.0688	2.2167	2.0741	3.6826	3.4022	3.8126	4.3447
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.0788	1.5703	1.9777	1.7930	2.7955	2.5841	2.9655	3.3046
Hf-177m	12.7289	9.3730	12.7124	10.8075	14.8054	13.8101	15.5703	16.4309
Hf-178m	9.9237	7.8913	10.5313	9.2589	10.9926	10.1994	11.0350	11.7473
Hf-179m	4.9903	3.8208	4.6261	4.2850	6.3477	5.8636	6.4471	7.4113
Hf-180m	4.8875	3.8118	4.9713	4.5154	5.5488	5.1719	5.6675	6.0472
Hf-181	2.2793	1.8156	2.0992	2.2385	2.6817	2.4510	2.5813	2.9066
Hf-182	1.4975	1.0184	1.6544	1.1523	1.5946	1.5062	1.6535	1.6648
Hf-182m	3.9327	3.0525	3.6721	3.5335	4.9171	4.5292	4.9951	5.5834
Hf-183	2.2487	1.8044	2.3755	1.9782	2.3436	2.1918	2.2908	2.4176
Hf-184	1.6784	1.2610	1.4599	1.3777	4.4834	3.9947	4.7409	6.1306
Hg-190	2.0157	1.6397	2.7493	1.5965	4.2378	3.8015	4.3670	5.6392
Hg-191m	4.8826	3.7436	5.7477	4.2981	6.7345	6.1151	6.7869	7.7518
Hg-192	2.3061	1.8694	3.3775	1.8517	4.6509	4.1772	4.8315	6.0355
Hg-193	2.5595	2.0617	3.3054	2.3486	4.5393	4.0670	4.6291	5.6505
Hg-193m	2.7941	2.2203	3.3193	2.6881	3.9698	3.5893	3.9679	4.5896
Hg-194	0.0782	0.0744	0.0515	0.1082	1.0887	0.9158	1.1390	1.6447
Hg-195	1.2626	1.1244	1.9120	1.0456	3.4178	3.0080	3.5222	4.6671
Hg-195m	1.4318	1.1827	1.8976	1.2320	4.5947	4.0173	4.7396	6.2939
Hg-197	1.0440	0.9947	2.0718	0.8132	3.1616	2.7767	3.2818	4.4497
Hg-197m	0.9768	0.8050	1.2905	0.7964	2.9694	2.5994	3.0630	4.1079
Hg-199m	1.5784	1.2566	2.3119	1.4216	3.2028	2.8884	3.3093	4.2223
Hg-203	1.4001	0.9679	1.7830	1.1650	1.5945	1.4941	1.6775	1.6737
Hg-205	0.0369	0.0316	0.0454	0.0302	0.0489	0.0454	0.0503	0.0581
Hg-206	0.6143	0.4401	0.8270	0.5961	0.7658	0.7082	0.8345	0.8314
Hg-207	4.1857	2.8758	4.4011	4.7931	4.2774	3.8932	4.3138	3.9591
Ho-150	2.2401	1.6638	1.5963	2.0409	2.3318	2.1912	2.2687	2.1156
Ho-153	2.2436	1.6395	2.2792	1.9945	3.3265	3.1544	3.4373	3.4616

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-153m	2.4885	1.9151	2.2414	2.1008	3.8907	3.7020	3.9095	4.1802
Ho-154m	6.3510	4.8407	6.1871	6.4490	7.0122	6.6206	6.8870	6.7300
Ho-154	3.2301	2.3242	3.1605	3.3186	3.7099	3.4869	3.8030	3.5622
Ho-155	1.8611	1.4660	1.6946	1.4614	4.0374	3.8295	4.0961	4.5519
Ho-156	4.0853	2.8923	3.7740	3.6116	5.4398	5.1218	5.4570	5.5539
Ho-157	2.8003	2.2064	2.6394	2.2043	5.9148	5.6277	6.0245	6.6197
Ho-159	2.8087	2.2011	2.3431	1.9652	6.1185	5.8381	6.2126	6.9136
Ho-160	4.2135	3.1930	3.5003	3.8035	6.1821	5.8181	6.1851	6.3369
Ho-161	0.9267	0.8332	0.8583	0.5770	4.3157	4.1020	4.3990	5.0179
Ho-162	0.8543	0.7488	0.8457	0.5508	2.8734	2.7240	2.9262	3.4144
Ho-162m	1.9692	1.5483	1.8784	1.6547	4.4358	4.1411	4.5424	5.2278
Ho-163	0.0017	0.0015	0.0003	0.0012	0.0252	0.0208	0.0275	0.0416
Ho-164	0.4519	0.4030	0.3874	0.2628	1.6375	1.5535	1.6703	1.9632
Ho-164m	0.7543	0.6695	0.5362	0.4354	3.2999	3.0352	3.4195	4.2819
Ho-166	0.1827	0.1622	0.2796	0.1277	0.4516	0.4038	0.4758	0.6298
Ho-166m	4.8715	3.6718	4.3131	4.2782	5.1722	4.8461	5.1974	5.2826
Ho-167	1.7558	1.2693	1.9169	1.6682	1.9612	1.8536	2.0940	2.0531
Ho-168	1.9438	1.4622	1.5877	1.7382	2.1108	1.9573	2.0952	2.1372
Ho-168m	0.1218	0.1063	0.0719	0.0715	0.6634	0.5833	0.7028	0.9645
Ho-170	4.2443	3.0461	4.0801	4.0218	4.7194	4.3924	4.7256	4.7863
I-118m	6.3048	4.7098	5.1226	6.0908	6.5956	6.0962	6.4630	5.7500
I-118	2.1891	1.6557	1.7956	2.1466	2.3457	2.1599	2.2844	2.0494
I-119	1.9762	1.4300	2.2518	1.4561	3.9481	3.7963	3.9795	3.9512
I-120	2.7048	2.0554	2.6162	2.8435	3.6552	3.3905	3.5581	3.3412
I-120m	5.5359	4.2396	4.7083	5.5116	6.2155	5.7334	6.0198	5.4739
I-121	1.8740	1.5961	2.0984	1.4944	5.3302	5.1397	5.3978	5.5009
I-122	0.4688	0.3951	0.4603	0.4439	1.2410	1.1823	1.2327	1.2266
I-123	1.6632	1.2985	2.0036	1.4682	5.7602	5.5868	5.8640	6.0489
I-124	1.9226	1.5315	1.7459	1.7789	4.5884	4.3540	4.5922	4.4978
I-125	0.9587	0.9866	1.3990	0.6781	8.1045	7.8388	8.2141	8.4517
I-126	1.4167	1.1299	1.2912	1.2033	3.2026	3.0747	3.2020	3.1934
I-128	0.2522	0.2110	0.2603	0.2544	0.4871	0.4660	0.4709	0.4791
I-129	0.5281	0.5662	0.7468	0.3549	4.4122	4.2834	4.4685	4.5628
I-130m	0.3954	0.3530	0.4248	0.3921	1.3170	1.2455	1.3152	1.3772
I-130	5.1313	3.9607	4.0439	4.9138	4.7060	4.3607	4.4626	4.0246
I-131	2.1180	2.1081	2.0907	2.1414	3.0266	3.0215	2.9420	3.2856
I-132	4.5713	3.3692	3.3782	4.2686	4.1641	3.8568	4.0444	3.5318
I-132m	1.0960	0.8888	0.9437	0.9321	2.8149	2.6615	2.8525	2.9516
I-133	1.6193	1.3333	1.5489	1.8345	1.5072	1.3768	1.3562	1.2582
I-134m	1.9288	1.5028	2.3346	1.4669	5.9873	5.7865	6.0939	6.0919
I-134	4.7056	3.3479	3.8296	4.8595	4.3239	4.0213	4.1730	3.6272
I-135	2.0372	1.3941	2.0078	2.4425	1.8793	1.6879	1.8126	1.5856
In-103	3.0992	2.2697	2.8667	3.0875	3.3810	3.1606	3.3590	3.1378

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-105	2.5530	1.8436	2.2480	2.3235	3.6730	3.4543	3.6468	3.5449
In-106	5.5118	3.9830	4.4417	5.5185	5.6736	5.2690	5.5519	4.8449
In-106m	2.5989	1.8676	2.0968	2.4439	2.7417	2.5105	2.7288	2.3887
In-107	2.3984	1.8468	2.4531	2.4205	4.5055	4.2567	4.5337	4.4813
In-108	7.0270	4.9859	6.1676	6.9843	8.9568	8.3681	8.9042	8.1685
In-108m	2.6264	1.9111	2.4128	2.4841	3.9358	3.6523	3.9468	3.6824
In-109	2.2140	1.8096	2.3099	1.9616	5.4060	5.1602	5.4811	5.5826
In-109m	1.4575	1.0897	0.9450	1.1683	1.5327	1.4222	1.5337	1.3453
In-110	6.4495	4.7100	5.1069	6.2082	9.1043	8.5577	9.0347	8.3711
In-110m	1.9007	1.4324	1.4169	1.6057	3.0034	2.8186	3.0139	2.8468
In-111	3.1114	2.2792	3.4797	2.4300	6.6915	6.4415	6.7821	6.9879
In-111m	1.4032	1.1797	1.3536	1.5567	1.7080	1.5801	1.5837	1.5246
In-112	0.2412	0.2109	0.2593	0.2024	1.3740	1.3133	1.3916	1.4386
In-112m	0.5025	0.4287	0.6514	0.4184	3.1105	2.9937	3.1575	3.3057
In-113m	1.1219	0.8706	1.0982	0.9892	2.1679	2.0944	2.1423	2.2195
In-114	0.0051	0.0042	0.0058	0.0054	0.0213	0.0202	0.0214	0.0220
In-114m	0.5177	0.4455	0.5801	0.4361	2.1968	2.1054	2.2288	2.3310
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.8700	0.6468	1.0482	0.8606	2.3973	2.2991	2.4937	2.4632
In-116m	3.1954	2.1987	3.1998	3.7988	2.9440	2.6561	2.8187	2.5278
In-117	2.7067	2.0392	2.6575	2.7556	2.9649	2.8096	2.8920	2.8504
In-117m	0.6007	0.4282	0.7307	0.5954	1.5264	1.4684	1.5945	1.5880
In-118m	4.0242	2.7772	3.8026	4.5927	3.6456	3.3043	3.5245	3.0324
In-118	0.0953	0.0664	0.1015	0.1187	0.0872	0.0774	0.0825	0.0745
In-119	1.6513	1.2365	1.1672	1.4553	2.3048	2.1727	2.2772	2.2242
In-119m	0.1559	0.1170	0.1802	0.1658	0.5404	0.5102	0.5515	0.5720
In-121	1.7172	1.1677	1.4713	1.8202	1.5555	1.4527	1.5194	1.2588
In-121m	0.4561	0.4050	0.5349	0.3410	2.2153	2.1359	2.2368	2.3271
Ir-180	3.3569	2.4636	3.0256	2.8530	4.2131	3.8524	4.2783	4.6722
Ir-182	3.0767	2.2503	2.9144	2.5981	4.0843	3.7225	4.1516	4.6863
Ir-183	3.0966	2.4181	3.0938	2.7608	4.8202	4.3229	4.9289	5.8771
Ir-184	4.9595	3.6746	4.7956	4.4831	6.3460	5.7763	6.3788	7.0939
Ir-185	2.5640	2.0418	2.5419	2.2273	5.3228	4.7100	5.5016	6.9672
Ir-186	4.6742	3.4761	4.5322	4.2865	5.9927	5.4601	6.1118	6.7434
Ir-186m	2.7235	2.0321	2.3813	2.4494	3.5784	3.2394	3.6260	4.0298
Ir-187	1.6650	1.3899	1.6944	1.3556	3.4018	3.0188	3.5102	4.5245
Ir-188	3.4936	2.5982	3.3582	3.4532	4.5484	4.0798	4.5988	5.0829
Ir-189	0.9818	0.8550	1.0569	0.6797	2.6822	2.3563	2.8030	3.7872
Ir-190	5.4719	4.3595	5.1227	5.0506	6.4071	5.8874	6.3552	6.9278
Ir-190m	0.0633	0.0573	0.0203	0.0564	0.9112	0.7558	0.9836	1.4714
Ir-190n	0.7853	0.6986	0.8360	0.5364	2.0881	1.8548	2.1707	2.8773
Ir-191m	0.8917	0.7536	0.9244	0.6420	2.7611	2.4030	2.8717	3.9358
Ir-192	3.3430	2.4109	3.7796	3.5098	3.3712	3.1473	3.5924	3.2338

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-192m	0.0811	0.0759	0.0451	0.1010	1.1389	0.9532	1.2045	1.7625
Ir-192n	0.1755	0.1640	0.1044	0.2177	2.3836	1.9965	2.5183	3.6791
Ir-193m	0.0674	0.0613	0.0277	0.0617	0.9156	0.7608	0.9858	1.4695
Ir-194	0.3059	0.2087	0.3421	0.3189	0.3021	0.2829	0.3306	0.2862
Ir-194m	7.4740	5.7045	7.1600	7.5870	7.3722	6.8346	7.3374	6.8647
Ir-195	0.7858	0.7206	1.1074	0.6205	2.2284	1.9687	2.3118	3.0817
Ir-195m	1.8408	1.4572	2.0816	1.6459	2.8561	2.5981	2.9313	3.4406
Ir-196	0.6502	0.4726	0.6262	0.6500	0.6226	0.5864	0.6291	0.5867
Ir-196m	8.0173	6.2417	7.3818	7.8737	8.2578	7.6760	7.9885	8.0857
K-38	1.6537	1.1192	1.6420	1.8900	1.5124	1.3444	1.4989	1.2318
K-40	0.1703	0.1131	0.1634	0.2189	0.1699	0.1482	0.1647	0.1552
K-42	0.3078	0.2026	0.2847	0.3953	0.2854	0.2506	0.2757	0.2413
K-43	2.9628	2.2036	2.4924	2.6571	2.6813	2.5283	2.6589	2.4154
K-44	2.3282	1.5750	2.4152	2.6992	2.1056	1.8957	2.0470	1.7485
K-45	2.6084	1.8012	2.5776	2.8826	2.3823	2.1940	2.3726	2.1933
K-46	2.2336	1.5195	2.6213	2.6701	2.0500	1.8020	1.9786	1.7633
Kr-74	1.7310	1.3897	2.0288	1.5772	3.0040	2.7316	3.0594	3.6026
Kr-75	1.4191	0.9829	1.1899	1.2355	2.1748	1.9950	2.1600	2.5031
Kr-76	2.2117	1.6635	2.3952	2.3849	5.7754	5.1878	5.8315	6.9211
Kr-77	1.3985	0.9487	1.0384	1.0989	2.0507	1.8814	2.0323	2.3707
Kr-79	0.8672	0.6842	0.8832	1.0109	3.3277	2.9147	3.3060	4.2341
Kr-81	0.2138	0.2161	0.2519	0.4619	2.7899	2.3964	2.7723	3.7648
Kr-81m	0.9396	0.7720	0.9642	0.9269	1.7919	1.6345	1.7972	2.1279
Kr-83m	0.0881	0.0890	0.0961	0.1782	1.1748	1.0068	1.1767	1.6110
Kr-85	0.0067	0.0058	0.0069	0.0081	0.0063	0.0057	0.0055	0.0052
Kr-85m	1.1284	0.7437	1.1600	1.0811	1.3718	1.2982	1.4099	1.5195
Kr-87	1.2724	0.9356	1.1872	1.2201	1.1467	1.0894	1.0824	1.0576
Kr-88	2.1321	1.5307	2.1167	2.3189	2.4871	2.2680	2.4422	2.3831
Kr-89	2.6546	1.9148	2.5748	2.7774	2.4751	2.2661	2.3996	2.1674
La-128	4.8123	3.5227	4.8132	4.9580	5.4450	5.0933	5.3777	4.8919
La-129	1.7104	1.3727	1.8366	1.4822	4.0793	3.9323	4.1183	4.0754
La-130	3.4269	2.5566	3.3851	3.5937	4.3907	4.1442	4.3644	4.0522
La-131	2.1406	1.8213	2.2856	1.8705	6.0189	5.8177	6.0570	6.0680
La-132	3.0907	2.4886	3.1036	3.2906	5.1361	4.8504	4.9843	4.8293
La-132m	2.2479	1.7818	2.1174	1.9990	4.9200	4.7048	4.8986	4.9659
La-133	0.7157	0.7142	0.8961	0.5328	4.6563	4.4704	4.7421	4.9459
La-134	0.3137	0.3066	0.3683	0.2445	1.7512	1.6935	1.7716	1.7831
La-135	0.5633	0.6192	0.7753	0.3836	4.4611	4.3300	4.5216	4.5908
La-136	0.3955	0.4214	0.5218	0.2759	2.9249	2.8381	2.9644	3.0048
La-137	0.5153	0.5743	0.7197	0.3378	4.2885	4.1624	4.3506	4.4230
La-138	1.8299	1.3756	1.7464	1.9846	3.7020	3.4860	3.6780	3.5931
La-140	3.4892	2.4842	3.2154	4.1082	3.3127	3.0087	3.1850	2.8385
La-141	0.0285	0.0192	0.0292	0.0362	0.0264	0.0232	0.0253	0.0228

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-142	2.4343	1.7090	2.2587	2.4627	2.2315	2.0334	2.1900	1.8859
La-143	0.3418	0.2407	0.3013	0.3681	0.3125	0.2833	0.3038	0.2613
Lu-165	2.8458	2.1861	2.3459	2.3558	3.8932	3.5928	3.9375	4.4700
Lu-167	3.4972	2.6441	3.1838	3.2566	5.4921	5.0563	5.5533	6.0211
Lu-169m	0.0437	0.0389	0.0086	0.0307	0.6359	0.5251	0.6936	1.0488
Lu-169	3.0812	2.3164	2.6575	2.8928	3.9429	3.5864	3.9916	4.4692
Lu-170	3.3320	2.4147	3.2675	3.4071	4.0153	3.6090	4.0253	4.3286
Lu-171m	0.0502	0.0447	0.0148	0.0350	0.6730	0.5564	0.7335	1.1073
Lu-171	2.4806	1.9971	1.8249	1.8408	4.8089	4.3489	4.9483	6.0112
Lu-172	4.5060	3.3341	4.1281	4.3886	5.4524	4.9744	5.4946	5.9500
Lu-172m	0.0393	0.0349	0.0077	0.0275	0.5714	0.4718	0.6233	0.9426
Lu-173	1.9011	1.5566	1.7305	1.2391	3.0740	2.8185	3.1905	3.9605
Lu-174	0.8362	0.7055	0.6919	0.5417	1.7363	1.5530	1.8118	2.3920
Lu-174m	0.8567	0.7393	0.6187	0.5269	2.8554	2.5263	3.0063	4.0677
Lu-176	2.8623	2.1741	3.1829	2.5842	3.5069	3.2493	3.8068	4.0430
Lu-176m	0.2028	0.1838	0.2602	0.1462	0.5666	0.4951	0.6032	0.8355
Lu-177	0.2758	0.2246	0.2364	0.2093	0.3706	0.3420	0.3832	0.4537
Lu-177m	6.2158	4.7481	5.8056	5.0318	7.4297	6.9450	7.6397	8.5311
Lu-178	0.2705	0.2131	0.2831	0.2710	0.4629	0.4081	0.4780	0.5965
Lu-178m	5.6013	4.4116	6.3967	5.0830	6.2492	5.8662	6.4737	6.8961
Lu-179	0.1846	0.1448	0.1822	0.1409	0.1837	0.1751	0.1878	0.1954
Lu-180	3.0349	2.2069	3.0713	3.2027	3.2622	2.9812	3.2461	3.3548
Lu-181	2.0993	1.6318	1.6854	1.7661	3.1429	2.8492	3.2280	3.7463
Mg-27	1.5833	1.0971	1.2715	1.6672	1.3967	1.3062	1.3508	1.1344
Mg-28	2.5101	1.9211	2.6175	2.6550	5.4329	5.1949	5.3834	5.1683
Mn-50m	5.1119	3.5335	4.5119	5.7003	4.6102	4.1924	4.4469	3.8822
Mn-51	0.0091	0.0066	0.0068	0.0090	0.0222	0.0190	0.0234	0.0308
Mn-52	4.7059	3.2526	3.9753	5.1957	4.5723	4.1404	4.4647	4.1048
Mn-52m	1.5619	1.0412	1.5348	2.0020	1.4523	1.2742	1.3935	1.2524
Mn-53	0.0351	0.0312	0.0066	0.0242	0.5117	0.4223	0.5585	0.8453
Mn-54	1.6005	1.1520	1.1492	1.5460	1.8986	1.7275	1.8919	2.0126
Mn-56	2.2862	1.5912	1.8466	2.4227	2.0470	1.8817	1.9883	1.6893
Mn-57	0.4162	0.3230	0.2891	0.3824	1.5754	1.3685	1.6044	2.1130
Mn-58m	3.4581	2.4725	3.0466	3.7889	3.1224	2.8547	2.9663	2.6769
Mo-101	2.5744	1.9008	2.4167	2.7932	2.7542	2.5059	2.6943	2.5780
Mo-102	0.1271	0.0939	0.1259	0.1030	0.1404	0.1349	0.1425	0.1469
Mo-89	0.3327	0.2379	0.2867	0.3504	0.4127	0.3757	0.3999	0.3801
Mo-90	2.9606	2.2082	2.8282	2.4203	7.2987	6.7179	7.0956	7.7761
Mo-91m	1.4614	1.0407	1.1863	1.5104	1.5990	1.4442	1.5617	1.4299
Mo-91	0.0369	0.0329	0.0371	0.0413	0.2472	0.2236	0.2384	0.2718
Mo-93	0.3280	0.3457	0.3232	0.3534	3.5790	3.2397	3.4512	3.9902
Mo-93m	4.1686	2.9256	3.6642	4.1250	4.9694	4.5441	4.8792	4.6219
Mo-99	0.4280	0.3197	0.3331	0.3742	0.6073	0.5743	0.6017	0.6006

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	1.0673	0.7948	1.3393	1.0071	0.9610	0.8769	0.9578	0.7989
Na-22	1.3712	0.9341	1.5334	1.7637	1.2617	1.1033	1.1960	1.1105
Na-24	3.0598	2.0962	3.5650	3.3945	2.7995	2.5295	2.6781	2.4828
Nb-87	1.7478	1.4740	1.6412	1.4897	3.9879	3.6671	3.9145	4.4160
Nb-88m	5.5854	3.9470	5.1112	6.0813	5.2617	4.8484	5.0537	4.4819
Nb-88	6.6037	4.8229	6.7191	7.2347	8.2224	7.5255	7.8975	7.6375
Nb-89	0.5963	0.4395	0.6329	0.6783	1.3853	1.2433	1.3289	1.4412
Nb-89m	1.4570	1.2553	1.4828	1.7501	2.0250	1.8331	1.8265	1.9082
Nb-90	4.2990	2.9920	4.2546	4.7241	6.5894	5.9758	6.3794	6.5161
Nb-91	0.3296	0.3513	0.3420	0.3975	3.7204	3.3340	3.5586	4.2252
Nb-91m	0.3124	0.3172	0.3091	0.3423	3.0659	2.7734	2.9565	3.4178
Nb-92	3.4535	2.6626	3.0347	3.7754	6.4006	5.8072	6.0951	6.3440
Nb-92m	1.9529	1.4421	1.7378	2.2232	5.1659	4.6776	4.9637	5.3603
Nb-93m	0.0610	0.0639	0.0582	0.0648	0.6743	0.6076	0.6547	0.7707
Nb-94m	0.2311	0.2406	0.2254	0.2480	2.4442	2.2119	2.3588	2.7301
Nb-94	3.0819	2.2177	2.2029	2.8869	2.7502	2.5680	2.6787	2.2983
Nb-95	1.5477	1.1399	1.0331	1.3740	1.3831	1.3011	1.3344	1.1928
Nb-95m	0.6194	0.5190	0.6469	0.5161	2.7713	2.5297	2.6856	3.0422
Nb-96	4.8677	3.5965	4.0681	4.9876	4.3970	4.0754	4.1795	3.7342
Nb-97	1.5337	1.1377	0.9842	1.2501	1.3877	1.2803	1.3812	1.1725
Nb-98m	4.8261	3.4596	3.7401	4.7834	4.4116	4.0816	4.2904	3.7878
Nb-99	1.6556	1.2930	1.3820	1.3964	3.6057	3.3729	3.5523	3.8957
Nb-99m	1.0142	0.7431	1.0080	1.0317	1.2246	1.1311	1.1947	1.1527
Nd-134	2.1362	1.6882	2.3452	1.8354	5.8216	5.6588	5.9104	6.1003
Nd-135	2.6357	2.2302	2.6953	2.2906	6.6831	6.4392	6.6814	6.9870
Nd-136	1.6641	1.5245	1.6760	1.2634	7.8223	7.5896	7.8755	8.2957
Nd-137	2.4398	2.0298	2.7341	2.1831	7.0356	6.7752	7.0615	7.1884
Nd-138	0.6043	0.6135	0.7414	0.3918	4.4744	4.3547	4.5234	4.7418
Nd-139	0.7526	0.6820	0.8130	0.6023	3.6510	3.5421	3.6677	3.8167
Nd-139m	3.8719	3.0328	3.3271	3.4899	8.8156	8.4711	8.7998	8.7961
Nd-140	0.5209	0.5500	0.6474	0.3143	4.3003	4.1859	4.3419	4.5667
Nd-141	0.5474	0.5670	0.6748	0.3478	4.3083	4.1927	4.3483	4.5662
Nd-141m	1.4600	1.0889	0.9932	1.2735	1.6161	1.5301	1.5781	1.4656
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	0.9275	0.8516	1.1708	0.7747	3.0583	2.9670	3.0655	3.2585
Nd-149	1.9543	1.5258	1.9434	1.5927	3.3819	3.2596	3.4063	3.4977
Nd-151	2.3717	1.7522	2.1784	2.1613	3.2466	3.0910	3.2143	3.1977
Nd-152	0.9553	0.6690	1.0580	0.7437	1.5733	1.4747	1.5969	1.6745
Ne-19	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002
Ne-24	1.6651	1.3798	1.6645	1.8981	1.5101	1.3999	1.3296	1.2983
Ni-56	4.7885	3.4089	4.2522	4.5837	5.1696	4.7995	5.1735	5.4512
Ni-57	1.7226	1.1600	1.6205	2.0670	2.0697	1.7952	2.0558	2.1926

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ni-59	0.0609	0.0541	0.0114	0.0420	0.8872	0.7323	0.9684	1.4656
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7080	0.4730	0.6911	0.8774	0.6468	0.5785	0.6266	0.5456
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.0414	3.1180	3.8031	4.2039	8.5386	7.7816	8.5420	9.4864
Np-233	1.1002	0.9970	1.0526	1.1562	3.5216	3.1886	3.4902	4.1924
Np-234	2.2955	1.8117	2.1269	2.6824	5.7361	5.1416	5.6441	6.5124
Np-235	0.2060	0.2096	0.2060	0.2998	2.4064	2.1200	2.3865	3.0335
Np-236	2.0631	1.8240	2.0230	2.3105	10.0324	9.0191	9.9413	12.0928
Np-236m	0.5944	0.5438	0.5614	0.6330	2.1917	1.9784	2.1702	2.6191
Np-237	0.6362	0.6328	0.8697	0.7313	4.7032	4.2407	4.6628	5.6424
Np-238	1.1306	0.8084	1.0640	1.3769	2.9752	2.6873	2.9374	3.2197
Np-239	1.7352	1.4536	1.5084	1.6589	5.2688	4.7887	5.2720	6.2110
Np-240	3.2090	2.5383	2.8410	3.4236	8.4145	7.6372	8.2897	9.3414
Np-240m	0.9198	0.7503	0.8114	0.9871	2.6087	2.3508	2.5561	2.8981
Np-241	0.4111	0.3578	0.3326	0.4168	1.3927	1.2655	1.3813	1.6379
Np-242	0.3999	0.2886	0.3328	0.4354	0.6610	0.5964	0.6491	0.6729
Np-242m	2.6653	2.0503	2.2888	2.7389	7.8882	7.1717	7.8076	8.8872
O-14	1.6338	1.1240	1.7277	1.7797	1.4911	1.3553	1.4570	1.2611
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.0612	1.5877	2.0590	2.0875	1.8883	1.7579	1.8995	1.8543
Os-180	1.1077	0.9607	1.0705	0.7981	3.2679	2.9067	3.4145	4.4267
Os-181	3.9360	2.9704	3.6819	3.3609	5.3616	4.8700	5.4385	6.2529
Os-182	2.3475	1.9511	2.3329	2.1250	3.8213	3.4285	3.8610	4.7896
Os-183	3.3710	2.6839	3.1760	2.7210	4.9796	4.5567	5.0859	6.1705
Os-183m	2.1111	1.5661	2.0896	2.1546	2.9842	2.6702	3.0210	3.4500
Os-185	2.1633	1.6982	1.6439	1.6727	2.9847	2.6914	3.0521	3.4519
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0596	0.0537	0.0169	0.0499	0.8613	0.7135	0.9326	1.3996
Os-190m	5.5918	4.4047	5.2227	5.5184	6.4543	5.8975	6.4231	6.8375
Os-191	0.9735	0.8212	1.0176	0.6922	2.8264	2.4679	2.9352	3.9988
Os-191m	0.1405	0.1264	0.1102	0.1069	1.0141	0.8525	1.0868	1.5926
Os-193	0.4092	0.3363	0.4761	0.3532	0.7978	0.7106	0.8194	1.0446
Os-194	0.0960	0.0899	0.0659	0.0884	1.0410	0.9016	1.0928	1.5193
Os-196	0.4551	0.3607	0.4739	0.3604	0.6504	0.5943	0.6624	0.7822
P-30	0.0012	0.0008	0.0013	0.0014	0.0012	0.0011	0.0012	0.0010
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.3602	0.3411	0.4350	0.3911	1.8733	1.6628	1.8527	2.3381
Pa-228	4.0676	3.2453	4.1762	4.4469	9.8284	8.8397	9.6828	11.2699
Pa-229	0.9137	0.8589	1.1703	0.9784	3.4234	3.0678	3.3929	4.2059
Pa-230	2.2432	1.8496	2.3804	2.4898	5.8451	5.2577	5.7364	6.7467
Pa-231	0.5407	0.4966	0.6186	0.6772	4.3770	3.8867	4.3684	5.4598

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pa-232	2.3263	1.7563	2.0818	2.5761	4.9690	4.5011	4.8525	5.3962
Pa-233	1.5474	1.2394	1.7183	1.6955	4.7294	4.2683	4.7910	5.5603
Pa-234	4.1696	3.2290	3.6405	4.3116	9.4594	8.5681	9.3087	10.5259
Pa-234m	0.0360	0.0270	0.0325	0.0400	0.0753	0.0681	0.0741	0.0819
Pa-235	0.0208	0.0186	0.0045	0.0153	0.3030	0.2503	0.3299	0.4981
Pa-236	1.7177	1.2977	1.3979	1.7784	3.5100	3.1489	3.4655	3.7806
Pa-237	1.3318	1.0075	1.1116	1.3992	1.4800	1.3513	1.4272	1.4310
Pb-194	3.2399	2.6546	4.4638	3.0820	5.0186	4.5271	5.0627	5.9346
Pb-195m	4.9815	3.8919	5.6180	4.7084	7.5875	6.9090	7.5804	8.7902
Pb-196	2.7975	2.3616	4.2939	2.4679	4.6782	4.2362	4.7052	5.7006
Pb-197	3.3541	2.6071	4.2230	3.3019	4.5933	4.1767	4.5907	5.1914
Pb-197m	4.1862	3.3360	5.1283	3.8497	6.5249	5.9411	6.5379	7.6866
Pb-198	2.6287	2.1301	3.9864	2.2983	4.5089	4.0964	4.6461	5.5659
Pb-199	2.6905	2.1191	3.6743	2.6385	4.0165	3.6375	4.0764	4.6896
Pb-200	1.9857	1.6861	3.3402	1.6694	4.3755	3.9245	4.4766	5.7292
Pb-201	2.9759	2.3190	4.2211	2.8964	4.4780	4.0780	4.6761	5.2423
Pb-201m	1.1758	0.9577	1.3231	0.9592	1.7933	1.6127	1.8169	2.0412
Pb-202	0.0703	0.0659	0.0395	0.0884	0.9912	0.8299	1.0474	1.5310
Pb-202m	4.7154	3.5121	4.2851	4.7775	5.0867	4.7085	4.8982	4.8989
Pb-203	2.2806	1.8084	3.6371	1.8797	3.8832	3.5297	4.0251	4.7720
Pb-204m	4.4561	3.1410	4.0390	4.6124	4.2298	3.9702	4.1553	3.7699
Pb-205	0.0712	0.0667	0.0400	0.0896	1.0035	0.8402	1.0603	1.5498
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1355	0.1321	0.1275	0.2085	1.5041	1.2998	1.5167	2.0581
Pb-211	0.1758	0.1344	0.1640	0.1657	0.1862	0.1747	0.1784	0.1856
Pb-212	1.1431	0.9196	1.8279	0.8768	1.8626	1.7069	1.8845	2.2356
Pb-214	1.3205	0.9962	1.8028	1.2508	1.9788	1.8157	2.0551	2.2704
Pd-100	1.8105	1.7392	3.3720	1.4346	7.5941	7.2518	7.7491	8.1485
Pd-101	1.4526	1.2021	1.4503	1.3999	6.9311	6.5694	7.0648	7.2077
Pd-103	0.3554	0.3465	0.3431	0.3437	3.3590	3.1879	3.4226	3.5553
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	0.8523	0.7007	0.8671	0.7431	1.9417	1.8617	1.9912	2.0619
Pd-109	0.2333	0.2223	0.3146	0.1987	1.7973	1.7135	1.8296	1.9322
Pd-111	0.1053	0.0806	0.1017	0.1063	0.1276	0.1188	0.1246	0.1184
Pd-112	0.1385	0.1405	0.1273	0.1429	1.4297	1.3188	1.4204	1.5769
Pd-114	0.1630	0.1164	0.1473	0.1168	0.1975	0.1887	0.1973	0.2001
Pd-96	2.8027	2.1055	2.1061	2.5728	4.9732	4.6726	4.9126	4.8724
Pd-97	3.1002	2.2063	3.1047	3.1443	3.9906	3.7178	3.9419	3.7179
Pd-98	1.8852	1.5593	1.4961	1.6547	5.5382	5.2635	5.6033	5.7319
Pd-99	2.1796	1.5584	1.8546	1.9260	3.9779	3.7558	3.9862	4.0052
Pm-136	4.6091	3.3855	3.9477	4.4026	4.7122	4.4600	4.6556	4.2685
Pm-137m	4.2359	3.3358	4.2546	3.8341	7.7764	7.4749	7.7635	7.8832
Pm-139	0.7392	0.6075	0.7287	0.6600	2.0264	1.9589	2.0151	2.0927

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pm-140m	4.9512	3.6188	4.3052	5.0260	5.8857	5.5818	5.7009	5.3731
Pm-140	0.3029	0.2377	0.2827	0.2946	0.7025	0.6727	0.6966	0.7061
Pm-141	0.5308	0.4585	0.5688	0.4623	2.3986	2.3184	2.4104	2.5196
Pm-142	0.1975	0.1776	0.2111	0.1607	1.0715	1.0376	1.0780	1.1333
Pm-143	1.1200	0.9813	1.0129	0.8265	4.7592	4.6143	4.7804	4.9923
Pm-144	4.2951	3.4333	3.3622	3.6815	7.7143	7.3412	7.6334	7.5095
Pm-145	0.5435	0.5591	0.6609	0.3212	4.2370	4.1196	4.2768	4.5704
Pm-146	2.2623	1.8545	2.0016	2.0799	4.5539	4.3712	4.4544	4.5453
Pm-147	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0002
Pm-148	0.9219	0.6720	0.8347	1.0657	0.8481	0.7662	0.8009	0.7074
Pm-148m	5.0540	3.8627	4.1390	4.8407	4.9975	4.6406	4.8342	4.3469
Pm-149	0.0560	0.0380	0.0630	0.0494	0.0704	0.0666	0.0744	0.0713
Pm-150	2.7017	1.8621	2.7225	2.9834	2.5820	2.3915	2.6375	2.2936
Pm-151	1.5702	1.1947	1.5852	1.3759	2.8563	2.7555	2.9089	2.9769
Pm-152m	3.9697	2.8008	3.8390	3.5668	5.3425	5.0625	5.3199	5.2514
Pm-152	0.6520	0.4759	0.5214	0.5878	1.0748	1.0208	1.0639	1.0744
Pm-153	0.6844	0.5740	0.6754	0.4673	2.2479	2.1640	2.2674	2.4526
Pm-154	2.3611	1.6944	2.4782	2.5548	3.3471	3.1169	3.3300	3.2331
Pm-154m	3.7768	2.8166	3.8964	3.7852	5.3957	5.0813	5.3777	5.4069
Po-203	3.5950	2.8167	4.8620	3.7153	5.6351	5.0865	5.6191	6.3911
Po-204	4.4039	3.6179	6.6289	4.2320	8.9585	8.0166	9.0521	11.0325
Po-205	3.5302	2.7494	4.6759	3.5824	5.3051	4.8008	5.2922	5.9476
Po-206	3.9116	3.1582	5.4717	4.1311	7.4660	6.6823	7.4844	8.8526
Po-207	3.1893	2.4803	4.3302	3.2441	4.7596	4.3175	4.7607	5.3174
Po-208	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Po-209	0.0262	0.0205	0.0335	0.0224	0.0772	0.0669	0.0813	0.1098
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0176	0.0131	0.0148	0.0182	0.0162	0.0149	0.0154	0.0135
Po-212m	0.0729	0.0544	0.0769	0.0725	0.0671	0.0621	0.0637	0.0589
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-215	0.0006	0.0005	0.0006	0.0006	0.0006	0.0006	0.0005	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.1552	4.5674	5.5495	5.8576	7.0805	6.7152	7.0254	6.5732
Pr-134m	2.9211	2.1919	2.7119	2.9678	3.4885	3.2973	3.3601	3.2438
Pr-135	1.6567	1.4156	2.0807	1.3890	5.3618	5.1857	5.4428	5.5204
Pr-136	3.1916	2.5607	3.0807	3.4476	4.6529	4.3575	4.4696	4.2850
Pr-137	0.5730	0.5561	0.6789	0.4339	3.5111	3.4093	3.5421	3.6587
Pr-138	0.2010	0.1925	0.2234	0.1483	1.1773	1.1428	1.1874	1.2245
Pr-138m	5.1004	3.6846	4.8972	5.1500	8.1533	7.7761	8.2397	7.7228
Pr-139	0.5126	0.5425	0.6594	0.3311	4.1039	3.9916	4.1476	4.3057

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pr-140	0.2732	0.2893	0.3511	0.1766	2.1920	2.1322	2.2157	2.2996
Pr-142	0.0639	0.0419	0.0568	0.0822	0.0600	0.0527	0.0579	0.0505
Pr-142m	0.0028	0.0025	0.0005	0.0019	0.0403	0.0332	0.0439	0.0665
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0369	0.0263	0.0294	0.0364	0.0337	0.0307	0.0332	0.0284
Pr-144m	0.2181	0.2274	0.2581	0.1335	1.8425	1.7704	1.8729	2.0473
Pr-145	0.0419	0.0321	0.0394	0.0388	0.0771	0.0736	0.0769	0.0755
Pr-146	1.7040	1.2740	1.5855	1.8908	1.5782	1.4489	1.4727	1.3708
Pr-147	1.9323	1.6500	2.3064	1.6060	6.3645	6.1470	6.4279	6.6867
Pr-148	2.0261	1.3840	2.1201	2.1296	1.9964	1.8577	2.0747	1.7855
Pr-148m	3.0113	2.1605	3.0620	2.9881	2.9927	2.8205	3.0760	2.7301
Pt-184	4.4837	3.7100	5.1457	3.6849	8.0284	7.2126	8.2658	10.3926
Pt-186	2.5935	2.0955	2.4923	2.0413	4.0591	3.6562	4.1559	4.9360
Pt-187	2.8089	2.3192	3.1416	2.3199	5.0119	4.4975	5.1622	6.4173
Pt-188	1.7613	1.5145	2.0431	1.3806	3.6046	3.2237	3.7370	4.8423
Pt-189	2.5440	2.1346	2.8925	2.0502	4.8441	4.3216	4.9897	6.2956
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	2.1649	1.8726	2.6509	1.7281	4.3029	3.8423	4.4236	5.6955
Pt-193	0.0713	0.0662	0.0346	0.0815	1.0129	0.8454	1.0778	1.5877
Pt-193m	0.2190	0.2026	0.2714	0.1846	1.3625	1.1557	1.4416	2.0737
Pt-195m	1.1002	1.0128	1.5041	0.8880	4.0518	3.5280	4.2295	5.7971
Pt-197	0.3194	0.3038	0.6697	0.2767	1.2078	1.0493	1.2587	1.7326
Pt-197m	0.7942	0.6902	1.0779	0.6949	2.8073	2.4380	2.9315	3.9811
Pt-199	0.7035	0.5648	0.7598	0.7202	0.8368	0.7631	0.8223	0.8797
Pt-200	0.6363	0.5614	1.0532	0.5088	1.7739	1.5659	1.8400	2.4467
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	0.8007	0.7216	0.6699	0.8309	2.6404	2.3957	2.6152	3.1236
Pu-234	0.8917	0.8068	0.7502	0.9351	3.1655	2.8652	3.1358	3.7642
Pu-235	1.1678	1.0587	0.9870	1.2328	4.5027	4.0684	4.4603	5.3710
Pu-236	0.0672	0.0690	0.0685	0.0970	0.7835	0.6950	0.7728	0.9615
Pu-237	0.7574	0.6973	0.6540	0.8217	3.5628	3.2013	3.5321	4.3066
Pu-238	0.0619	0.0636	0.0633	0.0897	0.7248	0.6429	0.7149	0.8898
Pu-239	0.0306	0.0307	0.0278	0.0410	0.3642	0.3194	0.3654	0.4722
Pu-240	0.0583	0.0598	0.0595	0.0843	0.6813	0.6043	0.6720	0.8363
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001
Pu-242	0.0501	0.0514	0.0511	0.0724	0.5843	0.5182	0.5763	0.7171
Pu-243	0.3387	0.3298	0.7096	0.2943	1.1244	1.0303	1.1311	1.3501
Pu-244	0.0726	0.0651	0.0726	0.0921	0.5149	0.4579	0.5076	0.6216
Pu-245	1.4472	1.0879	1.3394	1.4762	2.3241	2.1472	2.3509	2.4274
Pu-246	1.4264	1.2158	1.2763	1.2414	4.9037	4.5517	4.8869	5.5908
Ra-219	0.9138	0.6813	1.3228	0.9668	1.3647	1.2534	1.4702	1.5175
Ra-220	0.0157	0.0131	0.0162	0.0176	0.0151	0.0140	0.0134	0.0137
Ra-221	0.4313	0.3668	0.5734	0.4689	1.7577	1.5552	1.7574	2.2588

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ra-222	0.0424	0.0288	0.0524	0.0460	0.0463	0.0434	0.0520	0.0458
Ra-223	1.1931	1.0105	1.9784	1.0963	2.6635	2.4051	2.7103	3.3215
Ra-224	0.0703	0.0506	0.0828	0.0499	0.0888	0.0832	0.0882	0.0953
Ra-225	0.2714	0.2762	0.3061	0.2319	2.5510	2.4102	2.5350	2.8915
Ra-226	0.8277	0.8288	0.8222	0.8368	1.2067	1.1990	1.2284	1.2291
Ra-227	1.0148	0.8614	1.1883	1.0953	4.6097	4.1524	4.6047	5.5234
Ra-228	0.7863	0.7829	0.7747	0.7868	1.1451	1.1359	1.1438	1.1379
Ra-230	0.5918	0.5216	0.7748	0.5701	1.4441	1.3016	1.4366	1.7560
Rb-77	1.8330	1.4345	1.9513	1.6912	2.3869	2.2125	2.3481	2.5326
Rb-78m	3.8686	2.8793	3.4807	4.1195	3.6696	3.3607	3.4896	3.2197
Rb-78	2.9774	2.2228	3.3241	3.0817	3.0426	2.7692	2.8855	2.7957
Rb-79	2.1831	1.6365	1.9773	2.2045	3.6206	3.2901	3.5498	4.0239
Rb-80	0.4462	0.3383	0.3064	0.3835	0.4536	0.4134	0.4467	0.4050
Rb-81	0.8465	0.7235	0.8858	1.1573	2.9929	2.6340	2.8704	3.5963
Rb-81m	0.2892	0.2940	0.4341	0.5555	2.7615	2.4185	2.6616	3.4079
Rb-82	0.2637	0.1967	0.1892	0.2583	0.3756	0.3418	0.3630	0.3874
Rb-82m	5.2913	3.9481	4.3720	5.6347	7.1667	6.4599	6.9093	7.1692
Rb-83	1.6632	1.4518	1.7038	2.2234	4.6007	4.0418	4.3700	5.3358
Rb-84	1.2811	0.9502	1.1129	1.5788	3.2423	2.8771	3.1484	3.6989
Rb-84m	2.0144	1.5217	2.1726	1.7717	2.9606	2.7280	2.8484	3.1488
Rb-86m	1.5194	1.2438	1.3432	1.6103	1.4430	1.3143	1.3241	1.2237
Rb-86	0.1326	0.0867	0.1317	0.1643	0.1178	0.1072	0.1143	0.0919
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.6623	0.4453	0.5990	0.7685	0.6005	0.5380	0.5888	0.4867
Rb-89	2.5876	1.7384	2.6011	3.0341	2.3272	2.1085	2.2602	1.9023
Rb-90	1.4246	1.0028	1.5605	1.3929	1.2723	1.1674	1.2461	1.0660
Rb-90m	3.2817	2.2986	3.1559	3.3834	3.0224	2.7744	2.9206	2.6030
Re-178	2.7902	2.1063	2.7364	2.3982	3.8677	3.5007	3.9357	4.5669
Re-179	3.6069	2.7734	3.5068	3.3306	4.6910	4.2825	4.7457	5.3760
Re-180	2.8628	2.1799	2.3648	2.6550	4.0957	3.7028	4.1666	4.8157
Re-181	3.2660	2.5250	3.0283	2.8325	4.7510	4.3231	4.9029	5.7476
Re-182	6.1923	4.7001	6.2897	5.4292	8.6907	7.9015	8.9432	10.4473
Re-182m	3.0429	2.3916	3.1719	2.8298	4.5506	4.0885	4.6420	5.5374
Re-183	1.7815	1.4742	1.6322	1.2820	4.0459	3.6102	4.2450	5.5970
Re-184	2.5478	1.9590	2.0278	2.2006	3.6138	3.2788	3.6653	4.2656
Re-184m	1.9940	1.5837	1.8259	1.6082	3.6802	3.2876	3.8309	4.8492
Re-186	0.2030	0.1567	0.1669	0.1416	0.3955	0.3534	0.4088	0.5330
Re-186m	0.3685	0.3301	0.2233	0.2718	2.8241	2.4087	3.0125	4.3193
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3148	0.2236	0.3104	0.2891	0.4230	0.3904	0.4360	0.5140
Re-188m	0.9873	0.8708	0.9000	0.6982	2.7810	2.4295	2.9299	4.0237
Re-189	0.3665	0.2852	0.3784	0.2864	0.5750	0.5231	0.5923	0.7173
Re-190	4.2714	3.2772	3.8280	3.9326	4.1651	3.9026	4.0965	4.0523

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Re-190m	3.3132	2.5884	2.9928	3.0307	3.9314	3.6078	3.9306	4.3050
Rh-100m	0.6369	0.6162	0.7640	0.5785	4.7837	4.5495	4.8693	5.0540
Rh-100	4.0781	3.1137	3.8548	4.5503	6.7271	6.2072	6.5439	6.4232
Rh-101	2.1495	1.7268	1.8233	1.7362	5.5450	5.2282	5.5981	5.8829
Rh-101m	1.6200	1.1917	1.8441	1.6685	4.6442	4.3675	4.8243	4.7970
Rh-102	1.1755	0.9997	1.1434	1.2964	3.0293	2.8275	2.9492	3.0573
Rh-102m	5.1905	4.0152	4.3829	5.2380	7.8114	7.2703	7.5984	7.3803
Rh-103m	0.0423	0.0409	0.0377	0.0395	0.4205	0.3918	0.4328	0.4808
Rh-104	0.0342	0.0281	0.0306	0.0363	0.0457	0.0421	0.0433	0.0418
Rh-104m	0.7609	0.6887	0.6564	0.5789	3.6401	3.4712	3.6977	3.8608
Rh-105	0.3555	0.2341	0.4314	0.3864	0.3572	0.3383	0.4113	0.3326
Rh-106	0.5295	0.4287	0.4811	0.5766	0.4867	0.4441	0.4453	0.4036
Rh-106m	5.7820	4.3569	5.1452	6.2131	5.2702	4.8547	4.9469	4.4828
Rh-107	1.4156	0.9560	1.6185	1.4026	1.3977	1.3286	1.5334	1.3092
Rh-108	0.9859	0.7801	0.8801	0.9766	0.9029	0.8483	0.8325	0.8059
Rh-109	1.4739	1.0407	1.6478	1.4379	1.8688	1.7839	1.9857	1.8315
Rh-94	3.6562	2.5184	3.4121	4.1931	3.4005	3.0760	3.2988	2.9124
Rh-95	2.4719	1.7118	2.3000	2.7741	3.1127	2.8654	3.0548	2.8019
Rh-95m	1.5272	1.2462	1.4686	1.6234	1.7349	1.5965	1.6232	1.5354
Rh-96	5.9644	4.3485	4.3595	5.5626	6.3345	5.8658	6.2251	5.5929
Rh-96m	1.4163	1.0314	1.1929	1.4934	2.6416	2.4703	2.6323	2.5520
Rh-97	2.0387	1.5643	1.8462	2.0520	3.1521	2.9661	3.0525	3.0855
Rh-97m	3.0758	2.3032	2.9901	3.2244	5.4002	5.0260	5.3728	5.3343
Rh-98	1.7661	1.3034	1.2187	1.5322	1.9123	1.7609	1.9042	1.6888
Rh-99	2.3249	1.9505	2.6161	2.3742	6.5779	6.1773	6.5944	6.8124
Rh-99m	1.9644	1.4784	2.0219	2.0191	4.8139	4.5168	4.9163	4.9152
Rn-207	2.8637	2.2579	3.6298	2.7329	4.1207	3.7754	4.1674	4.5657
Rn-209	3.2043	2.5565	4.0890	3.0700	4.6687	4.2739	4.6348	5.2170
Rn-210	0.2153	0.1783	0.2882	0.2117	0.3924	0.3537	0.3898	0.4580
Rn-211	4.1238	3.1601	4.6706	4.1775	5.7746	5.2262	5.7009	6.1921
Rn-212	0.0008	0.0006	0.0005	0.0006	0.0007	0.0006	0.0007	0.0006
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0019	0.0015	0.0014	0.0017	0.0018	0.0016	0.0017	0.0015
Rn-219	0.2963	0.2139	0.3455	0.2468	0.3337	0.3148	0.3340	0.3479
Rn-220	0.7896	0.7843	0.7768	0.7923	1.1383	1.1389	1.1022	1.1940
Rn-222	0.0012	0.0010	0.0013	0.0015	0.0011	0.0010	0.0010	0.0010
Rn-223	1.2727	1.0554	1.3932	1.2906	3.3529	2.9794	3.3355	4.0891
Ru-103	1.5353	1.3194	1.5905	1.8546	1.4510	1.3246	1.2626	1.2162
Ru-105	2.0289	1.5146	1.6812	1.8903	2.3884	2.2433	2.3665	2.2078
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8151	0.6074	0.7519	0.8175	0.7946	0.7455	0.7780	0.7260

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ru-108	0.5238	0.3741	0.5754	0.4882	0.8273	0.7969	0.8498	0.8979
Ru-92	5.5212	4.1470	5.3198	4.6402	11.5870	10.8611	11.5063	12.0154
Ru-94	1.8813	1.4476	1.7985	1.8818	4.9373	4.6148	4.9183	5.1248
Ru-95	2.6766	1.9386	2.6623	2.8483	5.2517	4.8733	5.3150	5.2461
Ru-97	1.7195	1.4091	1.7586	1.4609	4.9091	4.5920	4.9213	5.2319
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.4229	0.9802	2.1388	1.1829	1.2841	1.1810	1.2337	1.2005
S-38	1.4578	0.9661	1.3352	1.7703	1.3377	1.1617	1.3380	1.0544
Sb-111	2.1346	1.5854	2.1753	2.2118	3.0087	2.8714	2.9597	2.9744
Sb-113	1.8464	1.5437	2.0596	2.1366	3.0687	2.8861	2.9452	2.9219
Sb-114	2.3575	1.6328	2.4513	2.8100	2.9010	2.6477	2.8433	2.6606
Sb-115	1.8976	1.6636	2.1376	2.1900	4.1111	3.8849	3.9405	4.0187
Sb-116	2.1084	1.4924	2.2850	2.4734	3.5928	3.3366	3.5460	3.4459
Sb-116m	5.7880	4.2998	5.7758	6.2832	9.8162	9.2545	9.6623	9.4783
Sb-117	1.6129	1.2026	1.9425	1.4454	5.3935	5.2228	5.4932	5.7407
Sb-118	0.1822	0.1592	0.2437	0.1641	1.1013	1.0576	1.1118	1.1550
Sb-118m	5.5596	3.9838	6.2743	5.4834	12.4155	11.8239	12.3838	12.3120
Sb-119	0.5539	0.5293	0.8035	0.4149	4.8149	4.6253	4.8854	5.1568
Sb-120	0.2983	0.2782	0.4300	0.2341	2.3486	2.2624	2.3776	2.4812
Sb-120m	5.6039	4.3056	6.6271	5.8693	9.6304	9.1456	9.6774	9.5211
Sb-122m	1.1563	1.0866	1.6128	0.7756	4.9359	4.7482	5.0028	5.3076
Sb-122	1.1840	0.9538	1.0130	1.2057	1.1765	1.0803	1.1020	1.0045
Sb-124	2.9912	2.1733	2.3560	3.0556	2.7463	2.4820	2.6747	2.2925
Sb-124m	1.1632	0.9244	0.9354	1.1342	1.1752	1.0668	1.1241	1.0749
Sb-124n	0.0097	0.0086	0.0018	0.0067	0.1405	0.1160	0.1534	0.2320
Sb-125	1.6562	1.3778	1.6224	1.4755	4.1456	3.9779	4.1233	4.1435
Sb-126	6.6096	4.9222	4.8277	5.8042	6.0347	5.6467	5.8739	5.2510
Sb-126m	3.9687	2.9848	2.9293	3.4459	3.6424	3.4186	3.5239	3.2300
Sb-127	1.8614	1.4262	1.5500	1.7189	1.9014	1.7838	1.8237	1.6984
Sb-128	7.2170	5.3092	5.7383	6.7884	6.6912	6.2388	6.6567	5.7949
Sb-128m	4.6093	3.2895	3.8343	4.3641	4.3263	4.0677	4.4429	3.8188
Sb-129	2.5740	1.8396	2.1394	2.7067	2.3425	2.1667	2.2629	1.9612
Sb-130m	5.2985	3.8070	4.2905	5.2794	5.0385	4.7361	4.9142	4.4002
Sb-130	7.4704	5.3903	6.5170	7.3970	7.2756	6.8589	7.2711	6.5401
Sb-131	3.1992	2.2071	2.7860	3.4322	2.9550	2.7138	2.9049	2.4514
Sb-133	3.3781	2.3088	3.2367	3.8601	3.0666	2.7873	2.9727	2.5691
Sc-42m	4.5830	3.2607	4.5321	5.4817	4.1883	3.7779	3.9343	3.6572
Sc-43	0.3363	0.2443	0.3307	0.3191	0.3332	0.3176	0.3380	0.3395
Sc-44	1.4716	0.9797	1.5434	1.8504	1.3377	1.1964	1.2868	1.1125
Sc-44m	1.4081	0.9297	1.6129	1.1175	1.3588	1.2923	1.4078	1.3033
Sc-46	3.0721	2.0772	2.7930	3.5314	2.7253	2.5050	2.6333	2.1935
Sc-47	0.8628	0.5605	0.9271	0.8314	0.7798	0.7703	0.8142	0.8520
Sc-48	4.6910	3.0930	4.6387	5.7676	4.1819	3.7964	4.0545	3.3420

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sc-49	0.0010	0.0007	0.0009	0.0013	0.0009	0.0008	0.0009	0.0008
Sc-50	4.6063	3.2935	4.4651	5.7053	4.2036	3.7626	3.9472	3.4669
Se-70	1.5680	1.2538	1.3536	1.4285	4.8595	4.2597	5.0042	6.6639
Se-71	1.4003	0.9465	1.2634	1.4130	1.3924	1.2968	1.3843	1.3796
Se-72	0.6244	0.5698	0.4595	0.5080	4.5283	4.0225	4.6839	6.2186
Se-73	2.1772	1.6936	2.5101	1.9583	3.1467	2.8866	3.2618	3.7596
Se-73m	0.2474	0.1983	0.2797	0.2462	0.7763	0.6771	0.7934	1.0458
Se-75	2.5043	1.7449	2.3677	1.9877	4.5722	4.0956	4.7153	5.8068
Se-77m	0.7545	0.5264	0.7948	0.7918	1.7262	1.5497	1.7755	2.2649
Se-79m	0.2518	0.2402	0.2617	0.3631	2.0690	1.7713	2.1107	2.9263
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0293	0.0205	0.0305	0.0266	0.0276	0.0260	0.0283	0.0251
Se-81m	0.2942	0.2724	0.2421	0.4048	2.1090	1.8102	2.1491	2.9619
Se-83m	1.5635	1.0597	1.4296	1.7385	1.4044	1.2918	1.3964	1.1456
Se-83	5.1172	3.7433	4.8583	5.3795	4.6794	4.3342	4.5571	4.1051
Se-84	1.5457	1.1911	1.4055	1.4321	1.3819	1.3357	1.2729	1.3202
Si-31	0.0010	0.0007	0.0011	0.0012	0.0009	0.0008	0.0008	0.0008
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.3276	1.7020	2.3823	2.1400	3.6328	3.4653	3.6956	3.5793
Sm-140	1.2763	1.0553	1.3277	1.0513	4.5731	4.4222	4.5980	4.8548
Sm-141	2.0882	1.6227	2.0024	2.0605	3.6997	3.5431	3.6099	3.7132
Sm-141m	4.0551	3.1812	3.7100	3.8330	7.0092	6.7065	6.9579	7.0266
Sm-142	0.5050	0.5073	0.5635	0.2938	3.9035	3.8015	3.9318	4.2313
Sm-143	0.3579	0.3389	0.3927	0.2459	2.3619	2.2965	2.3771	2.5458
Sm-143m	1.4488	1.0803	0.9832	1.2573	1.6341	1.5476	1.5971	1.4981
Sm-145	1.0582	1.0540	1.1509	0.6104	7.6046	7.4066	7.6576	8.2434
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0004	0.0004	0.0002	0.0003	0.0049	0.0042	0.0052	0.0072
Sm-153	0.8445	0.7768	0.7836	0.6131	3.2729	3.1821	3.2958	3.5988
Sm-155	1.0711	0.9204	0.8278	0.9285	1.7644	1.7180	1.7698	1.8637
Sm-156	0.9748	0.8179	1.2652	0.7807	1.9069	1.8103	1.9685	2.2255
Sm-157	1.7601	1.4269	1.7237	1.5104	2.5895	2.4943	2.6169	2.7158
Sn-106	3.2666	2.4862	3.2894	2.9729	6.5550	6.2583	6.5133	6.5649
Sn-108	3.1470	2.3996	3.2040	2.6675	6.8210	6.5589	6.8542	6.9740
Sn-109	3.1084	2.2296	3.2192	3.4858	5.9969	5.6284	5.9854	5.8025
Sn-110	1.9168	1.3926	2.3540	1.6125	5.2581	5.0450	5.4112	5.4040
Sn-111	0.5254	0.4430	0.6367	0.4900	2.8896	2.7670	2.9208	3.0154
Sn-113	0.4693	0.4378	0.6542	0.3602	3.8279	3.6812	3.8793	4.0519
Sn-113m	0.3186	0.3053	0.4742	0.2365	2.7190	2.6150	2.7577	2.9037
Sn-117m	1.5368	1.1235	1.8224	1.3896	4.6233	4.4773	4.7168	4.9475
Sn-119m	0.3589	0.3407	0.5100	0.2710	3.1620	3.0245	3.2149	3.4386

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1157	0.1151	0.1613	0.0821	1.0143	0.9701	1.0330	1.1108
Sn-123	0.0097	0.0064	0.0097	0.0120	0.0087	0.0079	0.0084	0.0068
Sn-123m	1.1531	0.7780	1.2642	1.0913	1.5676	1.5349	1.6184	1.6864
Sn-125m	1.4541	0.9834	1.6832	1.5504	1.4526	1.3810	1.6232	1.3609
Sn-125	0.5125	0.3486	0.4754	0.5895	0.4602	0.4227	0.4485	0.3727
Sn-126	0.8176	0.7823	1.4676	0.6295	2.7113	2.5984	2.7700	2.9999
Sn-127m	1.5353	1.2942	1.6035	1.8743	1.4352	1.3091	1.2518	1.2101
Sn-127	3.1742	2.2476	3.0239	3.4807	3.1276	2.8956	3.0307	2.6977
Sn-128	2.9244	2.5998	3.7084	2.6601	9.9491	9.5617	9.9205	10.2016
Sn-129	1.9838	1.4397	1.4577	1.8001	1.8143	1.6657	1.7969	1.5356
Sn-130	3.4207	2.7495	3.4929	2.8768	5.7013	5.4754	5.7203	5.7516
Sn-130m	2.1184	1.5999	2.1249	2.0274	3.8667	3.6814	3.8705	3.8075
Sr-79	1.1976	0.9883	1.1932	1.2031	3.9588	3.6994	3.9104	4.3858
Sr-80	1.2766	1.0575	1.2287	1.5449	4.1373	3.6684	3.9832	4.7876
Sr-81	1.9483	1.4158	1.8589	1.9309	2.4343	2.2683	2.3830	2.5661
Sr-82	0.2748	0.2906	0.3761	0.6373	3.4750	3.0358	3.3412	4.2927
Sr-83	1.5465	1.2520	1.4713	1.9928	5.8411	5.1803	5.6242	6.8385
Sr-85	1.7659	1.5714	1.9039	2.4390	4.9122	4.3399	4.5953	5.5098
Sr-85m	1.4651	1.0634	1.5687	1.1310	1.9523	1.8225	1.9389	2.1192
Sr-87m	1.2790	0.9694	1.1998	1.2118	1.7372	1.6296	1.6668	1.8314
Sr-89	0.0002	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2760	0.8850	1.0422	1.3233	1.1381	1.0532	1.1129	0.9237
Sr-92	1.5542	1.0492	1.5790	1.9464	1.4360	1.2686	1.3720	1.2415
Sr-93	4.0592	2.9489	3.5182	4.1651	4.2218	3.8702	4.0883	3.8005
Sr-94	1.6147	1.0862	1.5523	2.0208	1.4895	1.3120	1.4289	1.2748
Ta-170	1.3033	1.0304	1.0567	1.1232	1.9741	1.7904	2.0322	2.4294
Ta-172	3.2516	2.4618	3.0496	3.0910	4.1484	3.7649	4.2145	4.7149
Ta-173	2.0304	1.6299	1.7958	1.6017	3.6241	3.2621	3.7567	4.7288
Ta-174	2.2812	1.8413	2.1768	1.9086	3.3600	3.0460	3.4738	4.1746
Ta-175	3.2416	2.4792	2.9373	2.8409	4.3872	3.9893	4.4740	5.1498
Ta-176	3.4935	2.5832	3.3107	3.5971	4.5074	4.0234	4.5375	5.0443
Ta-177	0.8354	0.7112	0.5968	0.5304	1.6690	1.4996	1.7329	2.2655
Ta-178	0.8792	0.7501	0.7001	0.5947	1.8056	1.6146	1.8794	2.4667
Ta-178m	6.5426	5.1698	7.1890	5.7813	7.9112	7.3705	8.2267	9.0627
Ta-179	0.3836	0.3308	0.2648	0.2359	1.0730	0.9403	1.1309	1.5560
Ta-180	0.6940	0.6006	0.5312	0.4395	1.4849	1.3283	1.5492	2.0517
Ta-182	2.7990	2.1140	3.0699	2.8074	3.5710	3.2301	3.6070	4.0487
Ta-182m	2.3843	1.8363	2.1652	1.8958	4.3900	3.9484	4.6301	5.9593
Ta-183	2.4293	1.8911	2.3554	1.8378	4.3893	3.9668	4.5882	5.7344
Ta-184	5.2405	3.8733	4.9279	4.7781	5.9771	5.5361	5.9660	6.4046
Ta-185	1.2736	1.0077	1.2326	1.0176	2.3752	2.1324	2.4956	3.2200

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ta-186	4.8176	3.7438	4.2691	4.3197	4.9672	4.6162	4.9445	5.0296
Tb-146	3.4346	2.3328	3.2820	4.1124	3.8736	3.5237	3.7708	3.4907
Tb-147m	1.9902	1.4312	1.9494	2.2358	3.6392	3.3872	3.6047	3.6945
Tb-147	3.4116	2.4751	3.0873	3.4232	5.3086	4.9927	5.2540	5.2801
Tb-148m	6.8027	5.0678	5.2168	6.0987	8.0991	7.6844	7.9249	7.6807
Tb-148	2.9764	2.2203	2.4728	2.9044	3.9168	3.6809	3.8264	3.7270
Tb-149m	2.7560	2.1092	2.0146	2.3138	4.5953	4.3875	4.5619	4.6484
Tb-149	3.1436	2.3446	2.8627	2.9224	5.2474	5.0100	5.2638	5.3939
Tb-150m	6.7665	5.2566	5.4417	6.1075	8.6060	8.1115	8.4395	8.2202
Tb-150	3.3507	2.5242	2.9057	3.1242	5.1056	4.7875	5.0582	5.0061
Tb-151	3.9774	3.1134	3.6738	3.3402	7.5823	7.2620	7.5701	7.9625
Tb-151m	0.4737	0.3911	0.3376	0.3528	1.8148	1.6086	1.9062	2.5308
Tb-152m	3.5071	2.6493	3.4956	3.0110	6.2986	6.0055	6.3925	6.7661
Tb-152	2.8696	2.1109	2.8316	2.7635	4.8906	4.6524	4.9651	4.9920
Tb-153	2.0398	1.7100	2.0201	1.5420	5.6741	5.4542	5.7416	6.3160
Tb-154	3.2068	2.3829	2.9291	3.0743	6.0512	5.7057	6.0192	6.2155
Tb-155	1.8901	1.6451	2.1458	1.3758	5.6190	5.4212	5.7009	6.3411
Tb-156	4.7171	3.7156	4.7472	4.7036	8.1895	7.7332	8.1259	8.4784
Tb-156m	0.5538	0.4635	0.3407	0.3037	0.8058	0.7821	0.8084	0.9151
Tb-156n	0.0820	0.0745	0.0644	0.0526	0.6072	0.5294	0.6468	0.8993
Tb-157	0.0989	0.0911	0.0706	0.0581	0.7638	0.6894	0.7997	1.0432
Tb-158	2.1728	1.6848	2.1572	1.9891	4.9623	4.7236	4.9998	5.3563
Tb-160	2.3829	1.6965	2.4433	2.4748	2.7725	2.5799	2.8059	2.7193
Tb-161	0.5933	0.5394	0.7098	0.3727	2.6969	2.5366	2.7675	3.2199
Tb-162	3.2887	2.3375	3.2068	2.7863	3.5302	3.3382	3.5233	3.4606
Tb-163	2.8769	2.2080	2.8640	2.8676	2.8964	2.7329	2.8256	2.7508
Tb-164	5.3464	3.9357	4.7308	5.0333	5.7252	5.3243	5.6931	5.5379
Tb-165	1.2127	0.8690	1.1770	1.4256	1.3172	1.1712	1.2842	1.3094
Tc-101	1.5156	1.0202	1.7620	1.5592	1.4994	1.4165	1.6686	1.3931
Tc-102m	3.9929	2.9840	3.6998	4.4326	3.6514	3.3246	3.4355	3.0747
Tc-102	0.1817	0.1437	0.1746	0.2028	0.1662	0.1532	0.1513	0.1416
Tc-104	3.7238	2.6554	3.7049	3.9949	3.4503	3.1972	3.4234	3.0506
Tc-105	2.4316	1.7849	2.4321	2.3486	3.0807	2.8999	3.1002	3.0217
Tc-91	1.4829	1.0259	1.4696	1.6779	1.5915	1.4414	1.5430	1.4171
Tc-91m	1.0351	0.8572	1.0660	1.2737	1.0849	0.9834	0.9693	0.9377
Tc-92	5.7145	3.9759	5.4398	5.9124	6.2110	5.7621	6.2412	5.8736
Tc-93	1.8663	1.3581	1.8558	2.3277	4.6641	4.2144	4.5315	4.7850
Tc-93m	1.4824	1.1171	1.4785	1.4155	2.6022	2.4355	2.5280	2.6528
Tc-94	5.2065	3.8315	3.9032	5.0498	7.6298	7.0697	7.4232	7.2370
Tc-94m	1.9453	1.3846	1.6216	2.0482	2.7194	2.5121	2.6414	2.5363
Tc-95	1.9033	1.4968	1.3971	1.7761	5.0006	4.6120	4.8734	5.1648
Tc-95m	2.3303	1.9065	2.0276	2.1497	5.4040	5.0003	5.3060	5.6348
Tc-96	5.0569	3.7487	3.7801	4.8981	7.7828	7.2270	7.5511	7.5093

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-96m	0.2470	0.2296	0.2243	0.2547	1.8691	1.7281	1.8535	2.0313
Tc-97	0.3265	0.3376	0.3126	0.3449	3.4451	3.1543	3.3699	3.7926
Tc-97m	0.2543	0.2574	0.2403	0.2614	2.5610	2.3714	2.5418	2.7905
Tc-98	3.1092	2.3027	2.0148	2.6082	2.8016	2.6049	2.7569	2.3874
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	0.9951	0.6675	0.7933	0.7779	1.2915	1.2289	1.2870	1.3885
Te-113	1.7191	1.2026	1.5961	1.8915	1.9424	1.7921	1.9003	1.7176
Te-114	2.5769	2.0438	2.8625	2.4756	7.1404	6.8047	7.1808	7.2683
Te-115	2.5253	1.8132	2.4323	2.6614	3.5511	3.3082	3.5104	3.3284
Te-115m	2.9719	2.1319	2.7208	3.1972	4.2304	3.9408	4.1764	3.9110
Te-116	1.2363	1.1728	1.7063	0.9873	6.7771	6.5424	6.8690	7.1237
Te-117	2.1841	1.6442	1.9523	2.0975	4.6124	4.3739	4.6129	4.4919
Te-118	0.4597	0.4565	0.6777	0.3336	3.9204	3.7840	3.9731	4.1236
Te-119	2.0342	1.6189	1.7159	1.6491	5.3739	5.1215	5.4212	5.3528
Te-119m	3.3622	2.3902	3.7165	3.4399	6.8106	6.4839	6.8514	6.8181
Te-121	2.0128	1.7230	2.0366	1.9395	5.4793	5.2164	5.4237	5.4544
Te-121m	1.4949	1.2595	1.6684	1.1559	4.0213	3.8713	4.0902	4.2233
Te-123	0.0091	0.0082	0.0027	0.0063	0.1285	0.1070	0.1397	0.2081
Te-123m	1.3813	1.0150	1.6046	1.2519	3.6941	3.5808	3.7801	3.9485
Te-125m	0.8005	0.8231	1.1603	0.5659	6.7642	6.5361	6.8592	7.0837
Te-127	0.0193	0.0151	0.0184	0.0179	0.0227	0.0219	0.0218	0.0221
Te-127m	0.2513	0.2567	0.3590	0.1783	2.1197	2.0385	2.1548	2.2579
Te-129	0.2941	0.2592	0.3384	0.2756	1.1815	1.1198	1.1894	1.2786
Te-129m	0.2469	0.2344	0.3055	0.1852	1.6086	1.5472	1.6320	1.6921
Te-131	1.6167	1.1657	1.5788	1.5671	2.1262	2.0384	2.1078	2.1136
Te-131m	3.1772	2.3560	2.8620	3.0550	4.1125	3.8961	4.0833	3.8602
Te-132	1.9235	1.5833	2.1707	1.3504	5.4545	5.2775	5.5149	5.6039
Te-133	2.5541	1.7775	2.5939	2.7194	2.4730	2.3132	2.5485	2.2144
Te-133m	3.7637	2.7045	3.4075	3.8299	4.4778	4.2109	4.4456	4.0408
Te-134	3.0982	2.4736	3.3663	2.7278	4.3832	4.1912	4.3664	4.3057
Th-223	0.9180	0.8366	1.3554	0.9300	3.0336	2.7153	3.0260	3.7905
Th-224	0.1729	0.1361	0.1927	0.1656	0.3445	0.3158	0.3460	0.4084
Th-226	0.1060	0.0942	0.1040	0.1151	0.5514	0.4882	0.5436	0.6852
Th-227	1.1142	0.9144	1.2956	1.1224	4.4843	3.9873	4.4649	5.5302
Th-228	0.0702	0.0698	0.0917	0.0951	0.6400	0.5616	0.6313	0.8114
Th-229	1.2950	1.2166	1.8062	1.4223	6.4035	5.6762	6.3737	8.1035
Th-230	0.6744	0.6826	0.7005	0.6762	1.0078	1.0407	1.0005	0.9717
Th-231	0.6004	0.6001	0.7969	0.7626	5.5435	4.9479	5.4979	6.8195
Th-232	2.7170	2.7065	2.6798	2.6959	3.9449	3.9330	4.1164	3.9695
Th-233	0.2350	0.2108	0.2678	0.2423	1.1178	0.9953	1.1284	1.4180
Th-234	0.1648	0.1562	0.1950	0.1729	0.7942	0.7083	0.7861	0.9807
Th-235	0.1539	0.1193	0.1295	0.1455	0.1838	0.1703	0.1780	0.1836
Th-236	0.2097	0.1762	0.1890	0.2107	0.6298	0.5662	0.6232	0.7471

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-44	1.8118	1.7465	4.3868	1.1829	2.0292	1.9360	2.1117	2.5260
Ti-45	0.0080	0.0062	0.0047	0.0074	0.0466	0.0389	0.0503	0.0733
Ti-51	1.4704	0.9713	1.7319	1.6169	1.3882	1.3119	1.5925	1.2668
Ti-52	1.0418	0.7551	0.5472	0.6527	2.1464	1.9605	2.0919	2.4331
Ti-190	2.1125	1.6729	2.2709	1.9655	2.4768	2.2925	2.4046	2.6676
Ti-190m	5.6240	4.3216	5.2986	5.1229	6.0294	5.5738	5.9359	6.0384
Ti-194	2.1406	1.7546	2.5480	1.9355	2.8875	2.6427	2.8466	3.3009
Ti-194m	7.0714	5.5558	6.8165	6.2828	8.5334	7.8255	8.4357	9.0825
Ti-195	2.7065	2.1577	3.5214	2.6632	5.0945	4.5274	5.1697	6.2567
Ti-196	3.6705	2.8577	4.1849	3.6606	4.5852	4.1634	4.5188	4.9854
Ti-197	1.9078	1.6202	2.9142	1.6858	3.4676	3.1147	3.5294	4.3940
Ti-198	3.9738	3.0682	4.5998	3.9424	5.0240	4.5596	4.9665	5.5151
Ti-198m	4.4618	3.5561	4.9069	3.9295	6.4140	5.8162	6.4245	7.3361
Ti-199	1.7811	1.5460	2.8662	1.4782	3.4259	3.0823	3.5023	4.4282
Ti-200	3.4924	2.7000	4.3268	3.4229	4.6403	4.2253	4.6897	5.2503
Ti-201	1.1916	1.0970	2.2412	0.9508	3.1567	2.8000	3.2647	4.3356
Ti-202	2.2425	1.9294	3.0712	2.0924	3.4337	3.1227	3.3778	4.1353
Ti-204	0.0181	0.0173	0.0362	0.0142	0.0540	0.0475	0.0559	0.0755
Ti-206m	7.4521	5.5695	7.5730	6.9300	7.7586	7.2155	7.6111	7.5646
Ti-206	0.0010	0.0009	0.0022	0.0008	0.0025	0.0022	0.0026	0.0033
Ti-207	0.0042	0.0029	0.0035	0.0045	0.0038	0.0036	0.0037	0.0032
Ti-208	3.6898	2.7824	3.8363	3.6516	3.5163	3.2459	3.3525	3.1559
Ti-209	4.3070	3.2522	4.0989	4.7160	4.4538	4.0524	4.2248	4.2799
Ti-210	4.8238	3.4024	4.7352	5.0300	5.4919	5.0203	5.5161	5.4244
Tm-161	3.7943	2.9737	3.2282	3.0675	6.4894	6.0535	6.5934	7.5112
Tm-162	2.4843	1.8477	2.1506	2.3967	3.1777	2.9143	3.1803	3.3765
Tm-163	3.5174	2.7073	3.1253	3.1325	4.9880	4.6174	5.0169	5.5577
Tm-164	0.8791	0.6939	0.7469	0.7361	1.5049	1.3840	1.5337	1.7904
Tm-165	2.7755	2.1285	2.4745	2.1256	4.1340	3.8779	4.1946	4.6687
Tm-166	3.6911	2.7771	3.2742	3.4319	4.7782	4.3744	4.8093	5.1659
Tm-167	1.3918	1.1644	1.0942	0.9298	2.6708	2.4689	2.7615	3.3812
Tm-168	4.0755	3.2231	3.4377	3.4401	5.1062	4.7663	5.1379	5.6171
Tm-170	0.0585	0.0531	0.0840	0.0389	0.1495	0.1316	0.1591	0.2190
Tm-171	0.0092	0.0079	0.0068	0.0055	0.0201	0.0180	0.0210	0.0280
Tm-172	0.7484	0.5435	0.8243	0.8232	1.0201	0.9006	1.0361	1.1851
Tm-173	1.5192	1.1667	1.3396	1.3395	1.4608	1.4056	1.3754	1.4877
Tm-174	5.8309	4.1155	6.0284	5.6055	6.0648	5.6808	6.2001	6.1624
Tm-175	2.6401	2.0413	2.4484	2.8731	2.6144	2.4027	2.4757	2.3901
Tm-176	4.0166	2.9373	4.1686	3.9885	4.3165	3.9808	4.3543	4.4788
U-227	1.0866	0.8978	1.2944	1.0214	3.1039	2.8003	3.0827	3.7149
U-228	0.0916	0.0881	0.1055	0.1131	0.6958	0.6164	0.6848	0.8575
U-230	0.0779	0.0785	0.0879	0.1091	0.8198	0.7230	0.8057	1.0179
U-231	1.4526	1.3934	1.7365	1.7079	8.8169	7.8885	8.7252	10.7713

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-232	0.0676	0.0694	0.0695	0.1005	0.7863	0.6925	0.7724	0.9783
U-233	0.0353	0.0359	0.0368	0.0533	0.4064	0.3573	0.4006	0.5111
U-234	0.6339	0.6464	0.6300	0.6209	0.9626	0.9778	0.9045	0.8806
U-235	1.7014	1.7236	1.6890	1.7163	2.5051	2.4880	2.3807	2.4311
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0549	0.0566	0.0568	0.0832	0.6531	0.5749	0.6416	0.8135
U-237	1.6290	1.4441	1.4477	1.5526	5.7031	5.1652	5.6753	6.8166
U-238	0.7061	0.7027	0.7058	0.6834	1.0328	1.0639	1.0084	1.0744
U-239	0.6057	0.5883	1.3792	0.4620	1.5663	1.4473	1.5736	1.8756
U-240	0.2093	0.2059	0.2024	0.2682	1.9854	1.7653	1.9699	2.4540
U-242	0.2499	0.2105	0.2839	0.2087	0.4100	0.3801	0.4073	0.4520
V-47	0.0110	0.0075	0.0102	0.0119	0.0213	0.0183	0.0223	0.0280
V-48	3.1790	2.1108	3.1418	3.9113	3.0101	2.7036	2.9276	2.5774
V-49	0.0238	0.0211	0.0045	0.0164	0.3467	0.2861	0.3784	0.5727
V-50	1.6921	1.1353	1.4509	2.0669	1.8288	1.6049	1.7989	1.7773
V-52	1.5700	1.0449	1.5441	2.0217	1.4518	1.2721	1.3909	1.2426
V-53	1.6071	1.0424	1.5459	1.9655	1.4139	1.2989	1.3801	1.0725
W-177	4.0038	3.1525	3.4147	3.3148	5.9641	5.4135	6.0896	7.3340
W-178	0.2533	0.2210	0.1845	0.1627	0.9892	0.8494	1.0532	1.4974
W-179	0.8607	0.7768	0.7489	0.5462	3.1297	2.8338	3.2599	4.1149
W-179m	0.6454	0.5499	0.5879	0.4226	1.4089	1.2521	1.4736	1.9544
W-181	0.5906	0.5133	0.4690	0.3666	1.4303	1.2655	1.4986	2.0235
W-185m	0.3641	0.3053	0.2670	0.2707	2.1050	1.7770	2.2619	3.2944
W-185	0.0006	0.0005	0.0005	0.0004	0.0011	0.0010	0.0011	0.0014
W-187	1.4810	1.1922	1.3681	1.2981	1.6873	1.5466	1.6557	1.7843
W-188	0.0123	0.0091	0.0134	0.0099	0.0176	0.0160	0.0186	0.0211
W-190	1.6560	1.3165	1.6780	1.2689	2.9749	2.6935	3.1064	3.9925
Xe-120	2.0780	1.8378	2.5902	1.7209	8.5670	8.2618	8.6636	8.8516
Xe-121	1.9174	1.4823	2.1417	1.7713	4.4358	4.2447	4.4566	4.4213
Xe-122	0.7338	0.7016	0.9818	0.5668	4.5549	4.4077	4.6243	4.7139
Xe-123	1.7050	1.3356	1.8950	1.5325	5.2741	5.0895	5.3598	5.4203
Xe-125	2.0502	1.7565	2.3931	1.5768	7.1103	6.8788	7.2042	7.3407
Xe-127	2.1125	1.8175	2.3648	1.7179	6.3224	6.1205	6.4348	6.5657
Xe-127m	1.4936	1.1838	1.3405	1.0664	4.1722	4.0250	4.2080	4.3542
Xe-129m	0.9657	1.0228	1.3459	0.6633	7.6537	7.4190	7.7605	7.9386
Xe-131m	0.4006	0.4210	0.5623	0.2804	3.1915	3.0859	3.2414	3.3315
Xe-133	0.7330	0.7650	1.6377	0.5027	3.2425	3.1473	3.3046	3.4189
Xe-133m	0.5311	0.5181	0.7072	0.3652	3.3458	3.2372	3.3934	3.4697
Xe-135	1.5390	1.0464	1.7135	1.0096	1.7076	1.6419	1.6880	1.6529
Xe-135m	1.3299	1.1468	1.3474	1.4981	1.9101	1.7843	1.7877	1.7413
Xe-137	0.5366	0.4332	0.5291	0.5866	0.5005	0.4679	0.4502	0.4439
Xe-138	1.9704	1.3823	1.9509	1.9382	2.2319	2.0541	2.2133	2.1824
Y-81	1.3199	1.0962	1.6180	1.1673	3.4153	3.0867	3.3098	4.0008

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Y-83	1.0409	0.8763	1.0716	1.2275	4.2426	3.8691	4.1095	4.6811
Y-83m	1.3648	1.0076	1.4808	1.1969	2.4205	2.2239	2.3317	2.5740
Y-84m	5.1060	3.5585	4.2749	5.5190	4.8479	4.4681	4.6850	4.0772
Y-85	1.2029	1.0328	1.2535	1.5282	2.2396	2.0037	2.0619	2.3128
Y-85m	1.2664	0.9490	1.2360	1.3940	2.5896	2.3195	2.4970	2.7719
Y-86	5.1406	3.6765	4.6111	5.7402	6.9471	6.2594	6.7268	6.6915
Y-86m	1.3069	1.0630	1.3073	1.0596	1.4398	1.3647	1.4662	1.5391
Y-87	1.6890	1.5035	1.8154	2.2248	4.9218	4.3811	4.6011	5.4704
Y-87m	1.2284	0.9246	1.1869	1.1804	1.8025	1.6855	1.7522	1.8896
Y-88	3.4747	2.4542	3.1076	4.2459	6.5067	5.7840	6.3015	6.6813
Y-89m	1.5756	1.0767	1.3039	1.7121	1.4156	1.3197	1.3720	1.1375
Y-90	0.0000	0.0000	0.0000	0.0000	0.0004	0.0004	0.0004	0.0005
Y-90m	2.7030	2.2837	2.7272	2.7332	2.8527	2.6653	2.7091	2.7925
Y-91	0.0037	0.0025	0.0040	0.0047	0.0033	0.0029	0.0032	0.0028
Y-91m	1.4813	1.2160	1.3137	1.5741	1.5209	1.3833	1.3995	1.3253
Y-92	0.4166	0.2920	0.3732	0.4738	0.3740	0.3436	0.3574	0.3050
Y-93	0.2097	0.1400	0.2167	0.1944	0.2002	0.1866	0.2014	0.1791
Y-94	1.2340	0.8494	1.0791	1.3682	1.0976	1.0154	1.0610	0.8839
Y-95	0.9599	0.6534	1.0213	1.0707	0.8679	0.7845	0.8449	0.7196
Yb-162	1.8648	1.4304	1.4069	1.3875	2.6952	2.4997	2.7667	3.3139
Yb-163	1.4546	1.1160	1.0979	1.2099	2.3293	2.0979	2.3951	2.8972
Yb-164	0.6766	0.5677	0.4296	0.3986	1.2944	1.1847	1.3373	1.7054
Yb-165	1.8450	1.5730	2.1131	1.2559	3.7884	3.3968	3.9720	5.2042
Yb-166	1.2730	1.0944	1.1186	0.7482	2.3129	2.1157	2.4008	3.0881
Yb-167	2.8760	2.3511	1.9230	1.9885	4.8746	4.4533	5.0417	6.3639
Yb-169	3.3876	2.7777	2.5881	2.3205	5.1566	4.7627	5.3378	6.5142
Yb-175	0.2012	0.1508	0.1795	0.1643	0.2218	0.2099	0.2218	0.2426
Yb-177	0.6197	0.4332	0.5522	0.5717	0.7027	0.6535	0.7104	0.7792
Yb-178	0.1595	0.1177	0.1536	0.1471	0.1867	0.1770	0.1895	0.2005
Yb-179	2.7972	2.1505	2.2270	2.5600	2.7015	2.4920	2.6440	2.4715
Zn-60	1.6079	1.1996	1.2433	1.3180	1.5931	1.4825	1.6122	1.5109
Zn-61	0.7163	0.5272	0.7013	0.8275	0.6709	0.6065	0.6316	0.5822
Zn-62	1.2632	1.0484	1.1031	1.1632	3.4633	3.1488	3.5148	4.2246
Zn-63	0.2699	0.1910	0.2085	0.2686	0.3218	0.2884	0.3252	0.3345
Zn-65	0.8380	0.5709	0.7874	1.0003	1.8498	1.5794	1.9342	2.4797
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.4492	1.1632	1.3864	1.4897	1.3704	1.2902	1.2455	1.3020
Zn-71	0.8058	0.6447	0.7712	0.9163	0.7344	0.6750	0.6633	0.6180
Zn-71m	4.5544	3.5454	4.0509	4.5491	4.1302	3.8564	3.8792	3.6397
Zn-72	1.2941	0.9307	1.1303	1.0680	3.1221	2.7718	3.2597	4.2760
Zr-85	1.3860	1.0797	1.3283	1.4712	1.5506	1.4372	1.4368	1.4749
Zr-86	2.3124	1.8668	2.5869	2.0715	9.4004	8.5552	9.1038	10.4829
Zr-87	0.1627	0.1327	0.1714	0.2149	0.7666	0.6818	0.7339	0.8636

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zr-88	1.7773	1.4340	1.6875	1.7973	5.0393	4.5874	4.8080	5.6256
Zr-89	1.8349	1.3462	1.5963	2.1085	4.2795	3.8635	4.1124	4.4749
Zr-89m	1.5046	1.1795	1.1910	1.4656	1.6719	1.5186	1.5947	1.5012
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.5253	1.1255	1.0074	1.3276	1.3665	1.2801	1.3276	1.1735
Zr-97	1.8061	1.3336	1.3041	1.6588	1.6901	1.5746	1.6351	1.4676

Table 14: Composite 2 – Infinite Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.1370	0.1235	0.1343	0.1439	0.3063	0.3235	0.3080	0.4111
Ac-224	0.8255	0.7678	0.8107	0.8202	2.9300	2.9332	2.9605	3.7624
Ac-225	0.2183	0.2028	0.2151	0.2178	0.4947	0.5281	0.5225	0.7104
Ac-226	0.3797	0.3570	0.3740	0.3831	1.4796	1.4992	1.5403	1.7307
Ac-227	0.0567	0.0501	0.0562	0.0629	0.0985	0.1124	0.1032	0.1386
Ac-228	0.6590	0.5945	0.6109	0.6173	2.7132	2.4468	2.6102	3.2188
Ac-230	0.3121	0.2822	0.2937	0.2884	1.2663	1.1636	1.3151	1.4990
Ac-231	0.6976	0.6465	0.6523	0.6931	3.1538	3.0011	2.8094	3.5734
Ac-232	0.4739	0.4189	0.4392	0.4325	2.0450	1.8572	2.0148	2.3587
Ac-233	0.2682	0.2271	0.2138	0.2074	1.5409	1.3618	1.3915	1.6956
Ag-100m	0.5067	0.4117	0.3982	0.3787	3.1033	2.6173	2.5640	3.2731
Ag-101	0.5295	0.4906	0.4592	0.4703	3.0630	2.8860	2.7913	3.0266
Ag-102m	0.3797	0.3372	0.3134	0.3190	2.2568	2.0220	2.2129	2.3392
Ag-102	0.8309	0.7107	0.6650	0.6348	5.0379	4.3901	4.5405	5.2928
Ag-103	0.7339	0.7124	0.6650	0.6570	3.9911	4.0756	3.8050	4.2050
Ag-104	1.2422	1.1031	1.0358	0.9731	7.1610	6.5395	6.2769	7.6389
Ag-104m	0.5176	0.4697	0.4249	0.4103	3.0321	2.8615	2.7966	3.2125
Ag-105	0.9465	0.9164	0.8308	0.8483	5.1107	5.2572	4.6338	5.2442
Ag-105m	0.0157	0.0123	0.0152	0.0203	0.0196	0.0238	0.0136	0.0184
Ag-106	0.2647	0.2611	0.2322	0.2252	1.3949	1.4979	1.3595	1.4795
Ag-106m	1.4726	1.3321	1.2437	1.1836	8.5797	7.8936	7.8937	9.0444
Ag-108	0.0204	0.0192	0.0173	0.0169	0.1101	0.1136	0.0973	0.1183
Ag-108m	1.1895	1.0724	0.9989	0.9521	6.8210	6.5493	5.8153	7.5164
Ag-109m	0.2821	0.2803	0.2570	0.2568	1.4147	1.5438	1.4439	1.4887
Ag-110	0.0133	0.0106	0.0098	0.0092	0.0804	0.0706	0.0546	0.0899
Ag-110m	0.8309	0.6647	0.6481	0.6023	5.0864	4.0667	3.9764	5.4132
Ag-111	0.0216	0.0195	0.0186	0.0212	0.1318	0.1174	0.1027	0.1278
Ag-111m	0.1594	0.1571	0.1457	0.1483	0.7704	0.8421	0.7847	0.8046
Ag-112	0.1885	0.1508	0.1410	0.1367	1.1810	0.9919	0.9426	1.2390
Ag-113m	0.1965	0.1771	0.1703	0.1843	1.1055	1.0253	0.8993	1.1289
Ag-113	0.0484	0.0428	0.0402	0.0458	0.2939	0.2564	0.2203	0.2739
Ag-114	0.0769	0.0638	0.0593	0.0551	0.4938	0.4187	0.4279	0.5220
Ag-115	0.1744	0.1583	0.1569	0.1624	1.0725	0.9593	1.0370	1.0621
Ag-116	0.4663	0.4028	0.3694	0.3652	2.9678	2.4711	2.8061	3.0689
Ag-117	0.3522	0.3169	0.3161	0.3214	2.1483	1.9140	2.0437	2.1929
Ag-99	0.5606	0.5030	0.4846	0.4988	3.3461	2.9701	3.0596	3.3122
Al-26	0.2817	0.2394	0.2485	0.2500	1.7814	1.5260	1.9660	1.6793
Al-28	0.2772	0.2359	0.2401	0.2457	1.7550	1.5147	1.9891	1.6563
Al-29	0.2347	0.1927	0.2028	0.1688	1.4538	0.9731	1.4433	1.1103
Am-237	1.0157	0.9449	0.9598	1.0100	4.1853	4.2019	3.8209	5.5266
Am-238	0.9853	0.9010	0.9104	0.9327	4.1528	3.9537	3.8419	5.3890
Am-239	1.3519	1.2606	1.2986	1.3609	5.0379	5.2208	4.7309	7.0827

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-240	1.1975	1.1040	1.1203	1.1546	4.8191	4.5744	4.6111	6.1082
Am-241	0.6528	0.6457	0.6101	0.6276	0.6755	0.6762	0.6573	0.6461
Am-242	0.3105	0.2929	0.3004	0.3092	1.0976	1.1992	1.1159	1.4999
Am-242m	0.2631	0.2467	0.2566	0.2667	0.8453	0.9487	0.9017	1.1168
Am-243	0.3542	0.3286	0.3481	0.3366	1.4842	1.4977	1.6872	1.5939
Am-244	1.2568	1.1505	1.1739	1.1752	5.2104	5.3219	4.9061	6.4591
Am-244m	0.1353	0.1278	0.1307	0.1345	0.4853	0.5337	0.5098	0.6240
Am-245	0.1358	0.1277	0.1313	0.1389	0.5654	0.5852	0.5481	0.7407
Am-246	1.7132	1.5872	1.6165	1.6379	7.0626	7.4097	6.8579	8.6926
Am-246m	0.5358	0.4784	0.4830	0.4833	2.5471	2.2315	2.3934	2.7910
Am-247	0.4460	0.4165	0.4261	0.4515	1.9231	1.9533	1.7829	2.5082
Ar-37	0.0167	0.0125	0.0165	0.0229	0.0078	0.0124	0.0019	0.0061
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	0.2308	0.1883	0.1972	0.1628	1.4275	0.9547	1.4713	1.0750
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	0.3102	0.2635	0.2538	0.2555	1.9148	1.4684	1.8148	1.8262
Ar-44	0.4504	0.3985	0.4095	0.4127	2.8031	2.4949	3.0754	2.6651
As-68	0.6099	0.5079	0.4902	0.4916	3.7294	2.8741	3.3602	3.6153
As-69	0.1063	0.0925	0.1002	0.1135	0.4810	0.4410	0.4643	0.4681
As-70	0.8066	0.6734	0.6654	0.6653	4.8049	3.6801	4.3938	4.5204
As-71	0.4581	0.3865	0.4472	0.5243	1.4596	1.4614	1.4021	1.3559
As-72	0.2917	0.2306	0.2449	0.2327	1.5433	1.2272	1.1319	1.7350
As-73	0.6327	0.4872	0.6216	0.8388	0.3775	0.5337	0.1615	0.3118
As-74	0.2920	0.2274	0.2362	0.2659	1.2333	1.0976	0.8530	1.3474
As-76	0.1499	0.1229	0.1130	0.1030	0.9627	0.8128	0.7952	1.0248
As-77	0.0079	0.0075	0.0074	0.0081	0.0457	0.0430	0.0447	0.0436
As-78	0.3465	0.2783	0.2680	0.2502	2.1596	1.7518	1.7534	2.2172
As-79	0.0151	0.0133	0.0131	0.0130	0.0946	0.0800	0.0812	0.1026
At-204	1.2461	1.0695	1.0588	1.0036	6.4096	5.6573	5.4571	7.1014
At-205	0.7539	0.6578	0.6796	0.6500	3.0073	2.7096	2.7132	3.2171
At-206	1.2789	1.1128	1.1196	1.0706	6.5176	5.7010	5.7476	7.0965
At-207	1.1089	0.9626	0.9854	0.9456	4.8566	4.2577	4.3683	5.1344
At-208	1.5920	1.3597	1.3796	1.3221	7.4836	6.5097	6.3102	7.9628
At-209	1.5402	1.3320	1.3754	1.2725	6.7930	6.0130	5.9297	7.5568
At-210	1.3472	1.2087	1.2280	1.2280	5.9193	5.0530	6.2637	5.4453
At-211	0.2399	0.2187	0.2330	0.2260	0.6081	0.6185	0.6547	0.6563
At-215	0.0001	0.0001	0.0001	0.0001	0.0007	0.0007	0.0007	0.0008
At-216	0.0103	0.0094	0.0099	0.0097	0.0302	0.0297	0.0306	0.0314
At-217	0.0004	0.0003	0.0003	0.0003	0.0015	0.0015	0.0015	0.0015
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	0.4366	0.4065	0.4026	0.4383	2.3563	2.1884	2.1634	2.3452
Au-186	0.6568	0.5775	0.6038	0.6306	3.1757	2.8398	2.9593	3.1041

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Au-187	0.6687	0.5771	0.6186	0.6681	2.4600	2.1872	2.4017	2.3026
Au-190	0.8319	0.7288	0.7200	0.8144	4.1209	3.5665	3.6540	3.8595
Au-191	0.7798	0.6826	0.7187	0.7865	3.0412	2.8083	2.8148	2.9755
Au-192	0.7847	0.6784	0.6846	0.7588	3.7762	3.2565	3.3072	3.4753
Au-193	0.5241	0.4618	0.5002	0.5577	1.6815	1.6090	1.6973	1.5499
Au-193m	0.4663	0.4237	0.4457	0.5124	1.4813	1.4476	1.3869	1.3373
Au-194	0.6455	0.5585	0.5722	0.6337	2.8820	2.5133	2.5465	2.6362
Au-195	0.5552	0.4796	0.5308	0.6065	1.3039	1.2835	1.2498	1.2701
Au-195m	0.4726	0.4288	0.4495	0.5149	1.4889	1.4485	1.3693	1.3455
Au-196	0.5893	0.5205	0.5364	0.6000	2.5958	2.3349	2.2187	2.5119
Au-196m	0.9952	0.8788	0.9687	1.0634	2.4830	2.5217	2.4387	2.3678
Au-198	0.2442	0.2285	0.2328	0.2361	1.5004	1.3505	1.4673	1.7050
Au-198m	1.1287	1.0120	1.0820	1.1943	4.4537	4.3038	4.2507	4.7285
Au-199	0.2400	0.2182	0.2355	0.2409	0.8711	0.8875	0.8903	0.7983
Au-200	0.0900	0.0784	0.0794	0.0785	0.5380	0.4261	0.4912	0.4996
Au-200m	1.2541	1.1045	1.0943	1.1069	7.0807	6.3365	6.1642	7.4121
Au-201	0.0493	0.0422	0.0455	0.0499	0.1481	0.1412	0.1293	0.1565
Au-202	0.0578	0.0507	0.0503	0.0480	0.3557	0.2868	0.3406	0.3573
Ba-124	0.8797	0.8474	0.9321	0.8844	4.8637	4.7869	5.1352	4.8354
Ba-126	0.9859	0.9445	1.0260	0.9845	5.5301	5.3557	5.7367	5.4687
Ba-127	0.5398	0.5229	0.5800	0.5476	2.9644	2.9547	3.1701	2.9957
Ba-128	0.7452	0.7279	0.8085	0.7657	4.0613	4.0906	4.3586	4.0318
Ba-129	0.6824	0.6635	0.7386	0.6991	3.7132	3.7250	4.0049	3.7196
Ba-129m	1.4262	1.3297	1.4300	1.3745	8.0271	7.5606	8.2293	8.0837
Ba-131	1.1923	1.1494	1.2519	1.1837	6.7266	6.6106	7.0749	6.9298
Ba-131m	0.5820	0.5545	0.6204	0.6075	3.0986	3.0779	3.0755	3.4751
Ba-133	1.4425	1.3844	1.5174	1.4582	7.9989	7.8820	8.2674	7.9232
Ba-133m	0.6182	0.5923	0.6691	0.6548	3.1072	3.1239	3.2730	3.0634
Ba-135m	0.5570	0.5424	0.6102	0.5810	3.0300	3.0395	3.2278	2.9919
Ba-137m	0.2960	0.2411	0.2403	0.2225	1.7822	1.5740	1.3065	1.9633
Ba-139	0.0977	0.0935	0.1021	0.0970	0.5591	0.5634	0.5898	0.5317
Ba-140	0.3127	0.2830	0.3060	0.3141	1.4544	1.4197	1.4425	1.4929
Ba-141	0.5378	0.4859	0.4909	0.5029	3.2546	2.9151	2.9868	3.1764
Ba-142	0.5898	0.5413	0.5636	0.5591	3.4604	3.0104	3.3990	3.2696
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.0247	0.0222	0.0205	0.0188	0.1644	0.1451	0.1612	0.1813
Bi-197	0.8275	0.7201	0.7435	0.7347	3.3548	2.8173	3.1711	3.2813
Bi-200	1.4366	1.3023	1.3028	1.3239	7.0762	6.1077	6.9077	7.1046
Bi-201	0.8341	0.7290	0.7523	0.7401	3.4562	2.9268	3.3862	3.3479
Bi-202	1.3297	1.1611	1.1646	1.1644	6.5657	5.5196	5.9420	6.6686
Bi-203	0.9952	0.8601	0.8932	0.8708	4.4285	3.7899	4.2348	4.4313
Bi-204	1.3753	1.2024	1.2205	1.2237	6.5471	5.3953	5.9518	6.5085
Bi-205	0.8049	0.6989	0.7200	0.7203	3.3242	2.9007	3.2000	3.2893

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Bi-206	1.5892	1.3642	1.3897	1.3281	7.7204	6.5937	6.8964	8.1129
Bi-207	0.8531	0.7412	0.7398	0.7328	3.7761	3.1806	3.4954	3.6906
Bi-208	0.5736	0.5251	0.5011	0.5750	2.2461	1.9442	2.1977	2.2843
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	0.2830	0.2585	0.2525	0.2885	1.4841	1.3552	1.2419	1.3402
Bi-211	0.0434	0.0388	0.0386	0.0424	0.2256	0.2001	0.1805	0.2235
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.0998	0.0867	0.0917	0.0968	0.2852	0.2634	0.2393	0.3172
Bi-213	0.0883	0.0809	0.0809	0.0788	0.4848	0.4375	0.4770	0.5379
Bi-214	0.3476	0.2865	0.2783	0.2692	2.1323	1.7284	1.9153	2.0998
Bi-215	0.2298	0.2057	0.2050	0.2156	1.0770	0.9623	0.9174	1.0276
Bi-216	0.3763	0.3273	0.3081	0.2909	2.3267	2.0541	2.0854	2.5795
Bk-245	1.0297	0.9663	0.9944	1.0432	4.3050	4.4489	4.0939	5.8638
Bk-246	1.1735	1.0685	1.1053	1.1080	4.9120	4.8742	4.5417	6.3942
Bk-247	0.3827	0.3547	0.3642	0.3777	1.8128	1.7957	1.7414	2.1675
Bk-248m	0.2976	0.2781	0.2858	0.2961	1.2001	1.2717	1.1908	1.6186
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	0.4445	0.4025	0.3967	0.4203	2.2266	1.8714	2.2043	2.2695
Bk-251	0.6165	0.5717	0.6110	0.6405	2.5358	2.6772	2.6159	3.4949
Br-72	0.5180	0.4356	0.4364	0.4144	2.9696	2.3068	2.6339	2.9796
Br-73	0.2976	0.2634	0.2615	0.2658	1.4702	1.2541	1.2677	1.5203
Br-74	0.5861	0.4986	0.4576	0.5004	3.3791	2.8229	3.2786	3.5279
Br-74m	0.7259	0.5907	0.5611	0.5577	4.2300	3.4977	3.5321	4.4648
Br-75	0.4266	0.3862	0.3781	0.4230	2.0319	1.8268	1.6100	1.9298
Br-76	0.6381	0.5479	0.5296	0.5357	3.0538	2.5777	2.7670	3.1718
Br-76m	0.8258	0.8061	0.7934	0.7625	1.7526	1.7930	1.6627	1.8795
Br-77	0.5684	0.5160	0.5273	0.5573	1.3846	1.3387	1.1770	1.4209
Br-77m	0.3539	0.3418	0.3345	0.3178	0.3573	0.3960	0.2201	0.5204
Br-78	0.0631	0.0529	0.0518	0.0524	0.2328	0.2076	0.1562	0.2574
Br-80	0.0439	0.0371	0.0369	0.0375	0.1428	0.1284	0.0929	0.1590
Br-80m	0.9598	0.9391	0.9473	0.9024	2.3566	2.4331	2.3534	2.5347
Br-82m	0.3423	0.3322	0.3258	0.3057	0.2120	0.2652	0.1306	0.2747
Br-82	0.8273	0.6638	0.6480	0.5799	5.1289	4.1523	4.0595	5.5181
Br-83	0.0032	0.0027	0.0024	0.0022	0.0206	0.0180	0.0185	0.0225
Br-84m	0.7673	0.6616	0.6514	0.6379	4.7698	3.8886	4.7314	4.8628
Br-84	0.2868	0.2421	0.2362	0.2387	1.7594	1.3856	1.6728	1.8094
Br-85	0.0186	0.0152	0.0155	0.0141	0.1128	0.0875	0.0913	0.1206
C-10	0.2537	0.1944	0.1945	0.1668	1.5556	1.2852	1.0110	1.8132
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0299	0.0224	0.0295	0.0410	0.0139	0.0221	0.0034	0.0108
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.2064	0.1690	0.1749	0.1456	1.2823	0.8957	1.2850	1.0494

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ca-49	0.2540	0.2320	0.1776	0.2509	1.5384	1.2380	2.2452	1.8872
Cd-101	0.7695	0.7075	0.6671	0.6698	4.4164	4.1342	4.2504	4.7334
Cd-102	0.8386	0.8071	0.7425	0.7278	4.6773	4.6601	4.6491	4.9670
Cd-103	0.8517	0.8075	0.7508	0.7514	4.7107	4.5832	4.7948	4.7664
Cd-104	0.9335	0.9083	0.8415	0.8184	4.9242	5.2011	4.9296	5.1759
Cd-105	0.6398	0.6095	0.5660	0.5632	3.4998	3.4588	3.4909	3.5457
Cd-107	0.8657	0.8652	0.7872	0.7818	4.3962	4.8029	4.4889	4.6293
Cd-109	0.8145	0.8140	0.7412	0.7363	4.1248	4.5107	4.2221	4.3301
Cd-111m	0.6259	0.6159	0.5934	0.6265	3.5167	3.5616	3.6050	3.4187
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0005	0.0005	0.0004	0.0005	0.0025	0.0026	0.0026	0.0026
Cd-115	0.1238	0.1117	0.1026	0.0965	0.7781	0.7115	0.7495	0.8321
Cd-115m	0.0084	0.0071	0.0070	0.0066	0.0512	0.0370	0.0470	0.0473
Cd-117	0.3796	0.3371	0.3268	0.3382	2.3077	1.9510	2.2341	2.1603
Cd-117m	0.4124	0.3492	0.3518	0.3394	2.5654	2.0032	2.3502	2.4332
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	0.4412	0.3881	0.3759	0.3994	2.7098	2.2867	2.5502	2.5546
Cd-119m	0.4962	0.4242	0.4229	0.4144	3.0588	2.4037	2.8666	2.9130
Ce-130	1.2004	1.1547	1.2722	1.2268	6.6862	6.5302	6.9192	6.8529
Ce-131	1.0408	0.9702	1.0350	1.0161	5.8188	5.4955	5.9159	5.9190
Ce-132	1.0412	1.0082	1.1109	1.0715	5.8150	5.7925	6.1932	5.7804
Ce-133	1.2768	1.2315	1.3591	1.3054	7.0584	7.0101	7.3423	7.4045
Ce-133m	1.5601	1.4628	1.5635	1.4939	8.9833	8.4585	9.1982	9.1650
Ce-134	0.7153	0.6982	0.7812	0.7456	3.8788	3.8966	4.1761	3.9067
Ce-135	1.2283	1.1544	1.2323	1.2059	6.9999	6.6938	6.8551	7.0649
Ce-137	0.7808	0.7515	0.8466	0.8276	4.0034	4.0306	4.2899	4.0314
Ce-137m	0.5663	0.5512	0.6024	0.5951	3.0793	3.0657	3.2764	3.1115
Ce-139	0.9500	0.9203	1.0225	0.9767	5.2210	5.2567	5.5791	5.1561
Ce-141	0.2514	0.2424	0.2632	0.2557	1.4252	1.4164	1.4739	1.4850
Ce-143	0.7595	0.7251	0.7611	0.7750	4.2746	4.1179	4.2352	4.3015
Ce-144	0.1034	0.1001	0.1092	0.1072	0.5761	0.5676	0.6024	0.6175
Ce-145	1.1472	1.0742	1.1361	1.1154	6.4889	6.1375	6.3821	6.7565
Cf-244	0.0969	0.0918	0.0941	0.0968	0.3380	0.3792	0.3596	0.4396
Cf-246	0.0664	0.0629	0.0644	0.0663	0.2324	0.2608	0.2469	0.3016
Cf-247	1.0359	0.9665	1.0114	1.0595	3.9548	4.2520	4.0242	5.3819
Cf-248	0.0794	0.0752	0.0770	0.0792	0.2784	0.3123	0.2955	0.3609
Cf-249	0.4417	0.4135	0.4201	0.4417	2.1370	2.0846	2.0203	2.5202
Cf-250	0.0635	0.0599	0.0612	0.0630	0.2297	0.2530	0.2417	0.2931
Cf-251	0.6623	0.6217	0.6428	0.6670	2.6757	2.8197	2.6435	3.5425
Cf-252	0.1893	0.1702	0.1695	0.1716	1.0023	0.9087	0.9698	1.0796
Cf-253	0.2099	0.1943	0.2066	0.2214	0.8128	0.8934	0.8930	1.0512
Cf-254	4.7245	4.1403	4.0629	4.0821	29.0121	24.6190	27.3857	29.5205
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	0.2558	0.2278	0.2368	0.2359	1.5806	1.3540	1.6050	1.5753
Cl-36	0.0002	0.0002	0.0002	0.0003	0.0001	0.0002	0.0000	0.0001
Cl-38	0.2031	0.1761	0.1755	0.1851	1.2853	1.0933	1.3651	1.2240
Cl-39	0.3669	0.3232	0.3185	0.3247	2.2721	1.8287	2.4264	1.9007
Cl-40	0.5095	0.4427	0.3980	0.4506	3.1628	2.5533	3.5943	3.0633
Cm-238	0.5220	0.4881	0.5021	0.5202	2.0405	2.1170	1.8938	2.9802
Cm-239	0.8713	0.8181	0.8506	0.8716	3.7529	3.8485	3.6795	4.9243
Cm-240	0.1105	0.1046	0.1084	0.1100	0.3494	0.3898	0.3800	0.4756
Cm-241	1.3019	1.2084	1.2406	1.2725	5.2176	5.3329	5.1425	6.9446
Cm-242	0.0992	0.0939	0.0973	0.0987	0.3137	0.3499	0.3411	0.4270
Cm-243	0.6923	0.6428	0.6666	0.7079	2.5261	2.6260	2.4104	3.4086
Cm-244	0.0852	0.0807	0.0836	0.0848	0.2692	0.3003	0.2928	0.3665
Cm-245	0.7189	0.6720	0.6934	0.7153	2.6535	2.7641	2.5111	3.8244
Cm-246	0.0689	0.0652	0.0675	0.0685	0.2210	0.2449	0.2394	0.2987
Cm-247	0.2151	0.2029	0.2070	0.2145	1.2938	1.1782	1.2390	1.4944
Cm-248	0.4322	0.3833	0.3795	0.3818	2.4641	2.1449	2.3541	2.5770
Cm-249	0.0623	0.0480	0.0595	0.0785	0.0922	0.1002	0.0606	0.0995
Cm-250	3.7330	3.2725	3.2098	3.2283	22.8938	19.4343	21.6388	23.2971
Cm-251	0.1215	0.1102	0.1103	0.1117	0.5956	0.5743	0.5620	0.7328
Co-54m	0.7261	0.6333	0.6300	0.6152	4.5134	3.4877	4.6757	4.1559
Co-55	0.3565	0.2995	0.2983	0.3011	2.0317	1.5443	1.8783	1.9689
Co-56	0.7314	0.5996	0.6237	0.6280	3.9308	2.9702	3.5922	3.8525
Co-57	0.4545	0.3902	0.4607	0.5303	1.2608	1.2638	1.0901	1.7950
Co-58	0.3614	0.2780	0.3154	0.3127	1.6160	1.3177	1.0864	1.9050
Co-58m	0.1200	0.0900	0.1184	0.1643	0.0575	0.0904	0.0157	0.0452
Co-60	0.4776	0.3958	0.4032	0.3565	2.9398	1.9894	3.0133	2.2821
Co-60m	0.1350	0.1019	0.1329	0.1834	0.0830	0.1158	0.0373	0.0666
Co-61	0.1616	0.1462	0.1484	0.1523	0.8925	0.7899	0.9588	0.7918
Co-62	0.2811	0.2383	0.2394	0.2258	1.7288	1.1865	1.6737	1.4122
Co-62m	0.4997	0.4193	0.4317	0.3948	3.0779	2.1269	2.9944	2.5092
Cr-48	0.4894	0.4255	0.4258	0.5042	2.6439	2.3589	1.7553	3.0972
Cr-49	0.1943	0.1750	0.1809	0.1817	1.1446	1.0901	1.0505	1.3070
Cr-51	0.0922	0.0717	0.0859	0.1160	0.1810	0.1769	0.0988	0.1593
Cr-55	0.0001	0.0001	0.0001	0.0001	0.0007	0.0006	0.0009	0.0007
Cr-56	0.5982	0.5577	0.5779	0.5711	3.0787	3.0954	3.3889	3.1044
Cs-121	0.2942	0.2775	0.2920	0.2829	1.7048	1.6348	1.7272	1.6964
Cs-121m	0.5445	0.5166	0.5474	0.5326	3.1493	3.0272	3.2526	3.1431
Cs-123	0.6013	0.5662	0.5996	0.5734	3.4108	3.2933	3.3712	3.5962
Cs-124	0.1530	0.1412	0.1449	0.1460	0.9019	0.8233	0.8394	0.9077
Cs-125	0.5978	0.5702	0.6067	0.5720	3.3812	3.3005	3.4924	3.5065
Cs-126	0.2810	0.2660	0.2791	0.2730	1.6494	1.5431	1.6579	1.7353
Cs-127	0.9373	0.9078	0.9779	0.9327	5.2799	5.1939	5.5630	5.4839

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cs-128	0.2985	0.2870	0.3052	0.2890	1.7012	1.6545	1.7964	1.7536
Cs-129	1.1376	1.1071	1.1965	1.1427	6.3099	6.2816	6.6913	6.4163
Cs-130m	0.9325	0.8978	1.0085	0.9514	4.9476	4.9918	5.3863	4.8815
Cs-130	0.3957	0.3863	0.4212	0.3958	2.1599	2.1788	2.3428	2.1719
Cs-131	0.6779	0.6651	0.7289	0.6855	3.6705	3.7283	4.0083	3.6826
Cs-132	0.9363	0.8639	0.9171	0.8575	5.2782	5.0888	5.0600	5.4972
Cs-134	0.5669	0.4456	0.4377	0.3795	3.5210	2.9407	2.5058	4.0247
Cs-134m	0.3724	0.3511	0.4012	0.4009	1.7225	1.7511	1.8281	1.7651
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	0.5356	0.4244	0.4501	0.3738	3.2130	2.5679	2.2927	3.7449
Cs-136	0.8074	0.6944	0.7106	0.6808	4.8291	3.8824	4.1346	4.7672
Cs-137	1.3144	1.3193	1.2485	1.2820	1.3639	1.3476	1.3415	1.3061
Cs-138m	0.5501	0.5245	0.5725	0.5461	3.0522	2.9711	3.2971	3.0405
Cs-138	0.5117	0.4449	0.4265	0.4314	3.1953	2.5619	3.3234	3.0155
Cs-139	0.0510	0.0429	0.0424	0.0407	0.3181	0.2447	0.3159	0.2892
Cs-140	0.3465	0.2896	0.2724	0.2755	2.1715	1.7813	1.9544	2.2163
Cu-57	0.0253	0.0215	0.0210	0.0206	0.1529	0.1045	0.1449	0.1313
Cu-59	0.1242	0.1045	0.1051	0.0999	0.7536	0.5853	0.6797	0.7210
Cu-60	0.5198	0.4335	0.4398	0.4225	3.1582	2.4448	3.2985	2.8980
Cu-61	0.1534	0.1242	0.1362	0.1638	0.5804	0.5132	0.4457	0.5597
Cu-62	0.0051	0.0039	0.0048	0.0061	0.0105	0.0088	0.0086	0.0091
Cu-64	0.0728	0.0547	0.0717	0.0991	0.0405	0.0581	0.0160	0.0316
Cu-66	0.0242	0.0210	0.0199	0.0210	0.1460	0.0982	0.1384	0.1228
Cu-67	0.1829	0.1640	0.1782	0.1919	0.9310	0.9104	0.9096	1.0073
Cu-69	0.1471	0.1237	0.1188	0.1169	0.9010	0.6729	0.7979	0.8720
Dy-148	0.6714	0.5940	0.5926	0.6187	3.6973	3.4203	3.2412	3.8912
Dy-149	1.0252	0.9280	0.9495	0.9917	5.6344	5.1002	5.3850	5.8737
Dy-150	0.4319	0.4102	0.4257	0.4529	2.3715	2.2440	2.3870	2.5393
Dy-151	0.9137	0.8210	0.8393	0.8849	4.8809	4.4007	4.7360	4.9372
Dy-152	0.6836	0.6545	0.6633	0.7429	3.7236	3.5799	3.7034	3.5746
Dy-153	1.3050	1.2175	1.2506	1.3383	6.9654	6.5687	6.9536	7.0751
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	0.8199	0.7700	0.7893	0.8474	4.4643	4.1848	4.5305	4.4009
Dy-157	0.6991	0.6450	0.6478	0.7202	3.7806	3.5189	3.3455	3.7111
Dy-159	0.5269	0.5002	0.5208	0.5644	2.6461	2.5832	2.7192	2.6901
Dy-165m	0.1160	0.0970	0.1129	0.1406	0.3132	0.3175	0.2801	0.3304
Dy-165	0.0523	0.0472	0.0487	0.0534	0.2630	0.2473	0.2372	0.2810
Dy-166	0.2737	0.2456	0.2679	0.2996	1.1461	1.1214	1.1495	1.1067
Dy-167	0.4233	0.3761	0.3664	0.4001	2.4251	2.1920	2.0628	2.3852
Dy-168	0.4180	0.3793	0.3902	0.4081	2.2525	2.1107	2.2008	2.3354
Er-154	0.6114	0.5744	0.6025	0.6432	2.8281	2.8362	2.9643	2.8138
Er-156	0.7640	0.6944	0.7760	0.8586	3.1225	3.1220	3.1774	3.0877
Er-159	0.6365	0.5559	0.5660	0.5984	3.3687	3.0547	3.0057	3.3957

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Er-161	0.6912	0.6035	0.6356	0.6591	3.5129	3.0994	3.1491	3.5871
Er-163	0.3031	0.2796	0.2964	0.3294	1.3691	1.3293	1.3608	1.3248
Er-165	0.2942	0.2709	0.2878	0.3206	1.3169	1.2798	1.3080	1.2739
Er-167m	0.1779	0.1615	0.1771	0.2009	0.8015	0.7799	0.8376	0.7632
Er-169	0.0035	0.0026	0.0034	0.0047	0.0016	0.0026	0.0004	0.0013
Er-171	0.4353	0.3807	0.3814	0.4495	2.2544	2.0107	1.6315	2.2157
Er-172	0.4068	0.3526	0.3614	0.3873	2.0949	1.8906	1.8094	2.1799
Er-173	0.6187	0.5487	0.5880	0.6143	3.2389	2.8968	3.0088	3.4411
Es-249	0.8623	0.7985	0.8352	0.8677	3.9646	3.9958	3.8451	5.1930
Es-250	3.1557	2.9120	3.0336	3.1466	13.6011	14.0514	13.4348	17.4860
Es-250m	0.8068	0.7447	0.7729	0.8026	3.6347	3.6071	3.6136	4.6557
Es-251	0.8743	0.8092	0.8676	0.9128	3.4839	3.7032	3.6445	4.8582
Es-253	0.0252	0.0235	0.0246	0.0259	0.0892	0.0990	0.0956	0.1158
Es-254	0.8733	0.8035	0.8586	0.9212	2.8575	3.1747	3.0960	3.7759
Es-254m	0.5018	0.4419	0.4463	0.4514	2.4517	2.4106	2.1915	2.9380
Es-255	0.0002	0.0002	0.0002	0.0002	0.0012	0.0010	0.0011	0.0012
Es-256	0.1333	0.1254	0.1298	0.1366	0.5551	0.6076	0.6052	0.6899
Eu-142	0.1030	0.0914	0.0933	0.0929	0.5976	0.5315	0.5643	0.6343
Eu-142m	0.9903	0.8306	0.8204	0.8067	5.7543	4.6697	4.8607	5.9969
Eu-143	0.2599	0.2442	0.2490	0.2614	1.4616	1.3530	1.5270	1.4917
Eu-144	0.1195	0.1119	0.1128	0.1200	0.6759	0.6361	0.7315	0.6926
Eu-145	0.9738	0.8996	0.9170	0.9479	5.4937	5.0319	5.4212	5.7464
Eu-146	1.3325	1.1662	1.1731	1.1662	7.7444	6.9164	6.8080	8.3240
Eu-147	1.0632	1.0128	1.0436	1.0914	5.8911	5.6254	6.0028	6.2560
Eu-148	1.4770	1.3123	1.2835	1.2949	8.7442	7.8884	7.9847	9.2988
Eu-149	0.7387	0.7073	0.7320	0.7899	3.8252	3.7562	3.9667	3.9956
Eu-150	1.3946	1.2760	1.2661	1.3195	8.1778	7.4456	7.5217	8.5516
Eu-150m	0.0903	0.0860	0.0877	0.0932	0.5048	0.4792	0.5020	0.5261
Eu-152	1.0159	0.9451	0.9636	1.0055	5.7442	5.2063	5.6650	5.9369
Eu-152m	0.3167	0.2952	0.3027	0.3137	1.7678	1.6150	1.7286	1.8711
Eu-152n	0.4146	0.3672	0.3983	0.4459	1.8310	1.7923	1.7383	2.1031
Eu-154	0.5559	0.4893	0.5035	0.5009	3.1902	2.6555	2.9257	3.2921
Eu-154m	0.6214	0.5659	0.6184	0.6841	2.7493	2.7046	2.7368	2.9510
Eu-155	0.2735	0.2517	0.2619	0.2802	1.4503	1.3952	1.3755	1.6829
Eu-156	0.3541	0.3035	0.3154	0.3085	2.0430	1.6583	1.8643	1.9863
Eu-157	0.6293	0.5849	0.6051	0.6573	3.2372	3.0708	3.2046	3.3598
Eu-158	0.4912	0.4268	0.4354	0.4452	2.7294	2.2000	2.5432	2.6244
Eu-159	0.7645	0.7156	0.7396	0.7788	4.0726	3.8945	4.1101	4.2360
F-17	0.0001	0.0001	0.0001	0.0001	0.0005	0.0004	0.0004	0.0006
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	0.2569	0.2333	0.2575	0.2650	1.2904	1.3145	1.3290	1.1759
Fe-53	0.1074	0.0987	0.0995	0.1074	0.6561	0.5826	0.5839	0.7099
Fe-53m	0.7231	0.5949	0.5804	0.5550	4.4326	3.3047	3.8794	4.1795

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fe-55	0.0993	0.0744	0.0980	0.1361	0.0462	0.0735	0.0114	0.0360
Fe-59	0.2496	0.2102	0.2119	0.1953	1.5259	1.0295	1.5141	1.2069
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	0.3413	0.2934	0.2875	0.2919	2.0890	1.5378	1.9514	1.8007
Fe-62	0.2369	0.2076	0.1845	0.1627	1.5930	1.3960	1.5420	1.7370
Fm-251	0.6844	0.6266	0.6752	0.7219	2.8787	3.0015	2.9175	3.8694
Fm-252	0.0692	0.0652	0.0672	0.0702	0.2706	0.2998	0.2919	0.3454
Fm-253	0.8361	0.7738	0.8267	0.8795	3.4049	3.6628	3.6399	4.5516
Fm-254	0.0718	0.0675	0.0695	0.0726	0.2850	0.3128	0.3058	0.3607
Fm-255	0.7299	0.6755	0.7215	0.7660	2.6454	2.9187	2.9277	3.5401
Fm-256	3.5397	3.1026	3.0502	3.0577	21.6783	18.4170	20.4181	22.1005
Fm-257	0.8292	0.7752	0.8117	0.8527	3.4920	3.7012	3.6022	4.5569
Fr-212	0.8683	0.7872	0.8227	0.8068	3.2714	2.9121	3.2695	3.4296
Fr-219	0.0034	0.0031	0.0030	0.0031	0.0170	0.0155	0.0150	0.0179
Fr-220	0.1078	0.0998	0.1053	0.1053	0.2325	0.2447	0.2400	0.2919
Fr-221	0.0530	0.0502	0.0522	0.0539	0.2319	0.2265	0.2465	0.2391
Fr-222	0.4745	0.4442	0.4717	0.4816	1.7062	1.7108	1.8204	2.1671
Fr-223	0.3952	0.3706	0.3865	0.3845	1.1993	1.2321	1.2488	1.4486
Fr-224	0.4065	0.3707	0.3895	0.3890	1.7974	1.6564	1.8220	2.0419
Fr-227	0.6368	0.5747	0.5869	0.5879	2.7472	2.5975	2.5310	3.4118
Ga-64	0.3815	0.3274	0.3110	0.3317	2.3049	1.7523	2.3468	2.2370
Ga-65	0.2971	0.2506	0.2814	0.3231	1.1971	1.1039	0.9491	1.5098
Ga-66	0.3429	0.2892	0.2933	0.3570	1.5468	1.2047	1.5696	1.4841
Ga-67	0.4780	0.3868	0.4560	0.5795	1.2777	1.2763	0.9999	1.4245
Ga-68	0.0333	0.0259	0.0315	0.0408	0.0661	0.0551	0.0550	0.0544
Ga-70	0.0033	0.0028	0.0030	0.0034	0.0142	0.0112	0.0137	0.0122
Ga-72	0.5806	0.4775	0.4743	0.4527	3.5603	2.8365	2.8547	3.7815
Ga-73	0.5984	0.4903	0.5470	0.7001	1.7891	1.6653	1.2165	1.6086
Ga-74	0.6301	0.5279	0.4940	0.4990	3.9721	3.2773	3.4404	4.0625
Gd-142	0.4651	0.4326	0.4389	0.4584	2.6310	2.4441	2.6203	2.6614
Gd-143m	1.1181	1.0315	1.0390	1.1031	6.3866	5.8444	6.1067	6.4403
Gd-144	0.4128	0.3903	0.3952	0.4241	2.2729	2.1406	2.2746	2.3362
Gd-145m	0.3999	0.3301	0.3474	0.3517	2.0266	1.8003	1.5579	2.2634
Gd-145	0.7237	0.6633	0.6753	0.7105	4.1561	3.7636	4.3510	4.1792
Gd-146	1.6358	1.5706	1.6242	1.7173	8.9189	8.6966	9.0259	9.7338
Gd-147	1.3052	1.2132	1.2316	1.2922	7.4610	6.8327	7.2299	7.6890
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	1.1274	1.0631	1.0863	1.1475	6.2612	5.9737	6.0995	6.4553
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	0.7339	0.6980	0.7268	0.7902	3.6821	3.6341	3.8121	3.8123
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	1.0265	0.9828	1.0053	1.0800	5.5593	5.4039	5.5611	6.1485
Gd-159	0.1366	0.1286	0.1319	0.1431	0.7261	0.6897	0.7076	0.7397

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Gd-162	0.3120	0.2879	0.2951	0.3077	1.8020	1.6449	1.7600	2.0026
Ge-66	0.7358	0.6412	0.7000	0.8204	2.9302	2.8014	2.6931	3.0483
Ge-67	0.2761	0.2478	0.2627	0.2611	1.5457	1.4672	1.5514	1.4469
Ge-68	0.2456	0.1850	0.2421	0.3344	0.1146	0.1815	0.0290	0.0904
Ge-69	0.3730	0.2959	0.3366	0.4020	1.2043	0.9602	1.0219	1.0958
Ge-71	0.2491	0.1876	0.2455	0.3391	0.1163	0.1841	0.0294	0.0917
Ge-75	0.0342	0.0325	0.0316	0.0368	0.2083	0.1937	0.1921	0.1875
Ge-77	0.5737	0.5194	0.5160	0.5434	3.5009	3.1134	3.2391	3.4657
Ge-78	0.2577	0.2399	0.2274	0.2715	1.5808	1.4356	1.3075	1.3975
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	0.3022	0.2602	0.2618	0.3139	1.4472	1.2805	1.0480	1.2787
Hf-169	0.4501	0.3944	0.3969	0.4234	2.2599	2.0344	2.1574	2.3048
Hf-170	0.6378	0.5448	0.5881	0.6707	2.6216	2.4580	2.2934	2.6353
Hf-172	0.6895	0.6034	0.6590	0.7741	2.3236	2.3263	2.2579	2.2519
Hf-173	0.6237	0.5540	0.5943	0.6669	2.9368	2.6959	2.4941	3.1079
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	0.4750	0.4134	0.4283	0.5050	2.1713	1.9476	1.7474	2.0307
Hf-177m	2.5612	2.2832	2.3384	2.6953	13.1306	12.0256	11.2345	12.6967
Hf-178m	1.8945	1.6697	1.6903	1.8470	10.1995	9.2816	9.1854	10.5637
Hf-179m	1.0816	0.9621	1.0199	1.1454	5.1330	4.7645	4.7543	5.1989
Hf-180m	0.9549	0.8526	0.8666	0.9696	5.0378	4.5687	4.5161	5.0610
Hf-181	0.4511	0.3985	0.4113	0.4300	2.3469	2.1326	2.2026	2.5722
Hf-182	0.2771	0.2566	0.2544	0.3002	1.5366	1.4268	1.3579	1.3778
Hf-182m	0.8411	0.7335	0.7633	0.8528	4.0505	3.6393	3.5716	4.1214
Hf-183	0.4158	0.3469	0.3650	0.3432	2.3030	1.9847	1.9852	2.4783
Hf-184	0.7371	0.6246	0.7182	0.8690	2.2498	2.2243	2.0000	2.2749
Hg-190	0.6961	0.6180	0.6817	0.7270	2.1695	2.1497	2.1756	2.1413
Hg-191m	1.1399	1.0020	1.0370	1.1330	5.0408	4.5525	4.7667	4.8132
Hg-192	0.7638	0.6777	0.7260	0.8085	2.4931	2.3987	2.3668	2.2866
Hg-193	0.7558	0.6607	0.7081	0.7566	2.6915	2.4326	2.6332	2.5576
Hg-193m	0.6719	0.5848	0.6095	0.6381	2.9066	2.5500	2.8058	2.8499
Hg-194	0.1673	0.1415	0.1629	0.1947	0.0979	0.1355	0.0521	0.1092
Hg-195	0.5506	0.4785	0.5236	0.5735	1.3551	1.3042	1.3110	1.2729
Hg-195m	0.7315	0.6408	0.7010	0.7972	1.6287	1.6338	1.5032	1.5622
Hg-197	0.5074	0.4410	0.4899	0.5376	1.1368	1.1400	1.1880	1.0089
Hg-197m	0.4740	0.4169	0.4634	0.5103	1.0552	1.0704	0.9916	1.1073
Hg-199m	0.5295	0.4728	0.5132	0.5389	1.6634	1.6683	1.6658	1.5459
Hg-203	0.2748	0.2529	0.2470	0.2846	1.4498	1.3283	1.2290	1.2905
Hg-205	0.0084	0.0078	0.0083	0.0086	0.0381	0.0368	0.0419	0.0371
Hg-206	0.1317	0.1154	0.1128	0.1272	0.6451	0.5725	0.4760	0.5877
Hg-207	0.7583	0.6641	0.6464	0.6997	4.2790	3.5181	4.2314	3.9924
Ho-150	0.4206	0.3401	0.3487	0.3127	2.4785	2.0564	1.8341	2.8158
Ho-153	0.5696	0.5140	0.5142	0.5616	3.1497	2.8350	2.7538	3.0479

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-153m	0.6621	0.6056	0.6194	0.6641	3.5869	3.3377	3.3326	3.7443
Ho-154m	1.2166	1.0872	1.0696	1.0998	7.3098	6.4040	6.4601	7.6149
Ho-154	0.6494	0.5706	0.5584	0.5962	3.8144	3.2866	3.2319	3.7776
Ho-155	0.6738	0.6234	0.6508	0.7115	3.4080	3.2368	3.3444	3.4320
Ho-156	0.9390	0.8513	0.8693	0.9229	5.2615	4.7068	4.9404	5.1988
Ho-157	0.9882	0.9140	0.9439	1.0260	5.0593	4.7779	4.8743	5.0275
Ho-159	1.0199	0.9510	0.9957	1.0762	5.2378	5.0048	5.0542	5.4619
Ho-160	1.0706	0.9336	0.9557	0.9865	5.7674	5.0189	5.0904	5.9593
Ho-161	0.6974	0.6571	0.6789	0.7323	3.3119	3.3012	3.4508	3.3729
Ho-162	0.4715	0.4358	0.4623	0.5062	2.2134	2.1392	2.2562	2.1797
Ho-162m	0.7413	0.6680	0.7166	0.7884	3.4159	3.1762	3.3774	3.2558
Ho-163	0.0040	0.0030	0.0039	0.0055	0.0019	0.0029	0.0005	0.0014
Ho-164	0.2676	0.2478	0.2628	0.2910	1.2338	1.2041	1.2433	1.2334
Ho-164m	0.5344	0.4747	0.5296	0.6150	1.9614	1.9513	1.9405	1.9180
Ho-166	0.0746	0.0622	0.0724	0.0853	0.2327	0.2282	0.2337	0.2049
Ho-166m	0.9206	0.7787	0.8136	0.8084	5.0822	4.4838	4.2140	5.3691
Ho-167	0.3425	0.3044	0.3032	0.3452	1.9006	1.6941	1.5148	1.8328
Ho-168	0.3787	0.3039	0.3257	0.3075	2.0176	1.6937	1.5359	2.2419
Ho-168m	0.1064	0.0881	0.1045	0.1321	0.2456	0.2552	0.2239	0.2325
Ho-170	0.8356	0.7266	0.7499	0.7914	4.4655	3.7171	4.0196	4.2891
I-118m	1.1637	0.9638	0.9212	0.8698	7.1498	6.0425	5.7762	7.4295
I-118	0.4103	0.3415	0.3256	0.3073	2.5316	2.1719	2.1114	2.6419
I-119	0.6576	0.6365	0.6424	0.6655	3.7654	3.6694	3.8358	3.6351
I-120	0.6240	0.5554	0.5351	0.5284	3.7578	3.3612	3.7213	3.8618
I-120m	1.0778	0.9125	0.8670	0.8244	6.6374	5.7561	5.7546	6.9270
I-121	0.8774	0.8554	0.8872	0.8703	4.9089	4.8976	5.3317	4.9296
I-122	0.2037	0.1909	0.1932	0.1833	1.1569	1.1208	1.1674	1.2033
I-123	0.9490	0.9247	0.9667	0.9216	5.2207	5.3285	5.6521	5.1650
I-124	0.7610	0.7033	0.7103	0.6816	4.3296	4.1507	4.3177	4.4690
I-125	1.3004	1.2801	1.3363	1.2808	7.0191	7.1601	7.7269	7.1211
I-126	0.5341	0.5002	0.5124	0.4940	3.0399	2.9236	2.9843	3.2164
I-128	0.0806	0.0769	0.0778	0.0748	0.4719	0.4517	0.4909	0.5011
I-129	0.7147	0.7020	0.7640	0.7239	3.9027	3.9495	4.2508	3.9354
I-130m	0.2143	0.2009	0.2121	0.2068	1.1272	1.1104	1.1732	1.1556
I-130	0.8372	0.6805	0.6538	0.5891	5.2733	4.4718	4.0757	5.9010
I-131	3.2928	3.3119	3.2742	3.3495	3.4203	3.3761	3.4270	3.2181
I-132	0.7563	0.5987	0.5890	0.5263	4.6693	3.8354	3.4193	5.1680
I-132m	0.4672	0.4266	0.4419	0.4331	2.4351	2.3860	2.2897	2.5797
I-133	0.2575	0.2192	0.2003	0.1800	1.6812	1.4453	1.5100	1.8136
I-134m	0.9851	0.9579	0.9996	0.9962	5.5161	5.4530	5.7079	5.4123
I-134	0.7899	0.6525	0.6536	0.6054	4.8177	3.7993	3.9773	5.0908
I-135	0.3387	0.2869	0.2856	0.2734	2.0964	1.5868	2.1092	1.8515
In-103	0.5990	0.5284	0.5246	0.5113	3.5847	3.1307	3.4178	3.6519

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-105	0.6254	0.5725	0.5594	0.5497	3.6359	3.3601	3.4132	3.8375
In-106	1.0117	0.8499	0.8056	0.7821	6.1136	5.0342	5.0351	6.3415
In-106m	0.4836	0.4026	0.3764	0.3791	2.9478	2.5623	2.5219	3.1162
In-107	0.7505	0.7100	0.6812	0.6814	4.2508	4.0906	4.3099	4.3004
In-108	1.5586	1.3731	1.3104	1.3001	9.1331	7.9173	8.1764	9.1559
In-108m	0.6692	0.5952	0.5531	0.5613	3.8858	3.5935	3.7211	4.0759
In-109	0.8894	0.8590	0.8226	0.8203	4.8959	4.9196	5.0731	5.0153
In-109m	0.2720	0.2162	0.2012	0.1906	1.6567	1.4511	1.1441	1.8422
In-110	1.5733	1.3774	1.3089	1.2611	9.0853	8.0260	7.7657	9.6110
In-110m	0.5103	0.4464	0.4167	0.4046	2.9382	2.7425	2.4504	3.1806
In-111	1.1076	1.0901	1.0496	1.0753	6.1369	6.3110	6.3914	6.0300
In-111m	0.2844	0.2519	0.2289	0.2127	1.7784	1.6197	1.6567	1.9241
In-112	0.2185	0.2145	0.1988	0.1967	1.1491	1.2074	1.1811	1.2027
In-112m	0.4959	0.4902	0.4683	0.4634	2.6286	2.7449	2.8496	2.7042
In-113m	0.3608	0.3501	0.3431	0.3478	2.0612	2.0108	2.1077	2.2289
In-114	0.0034	0.0033	0.0031	0.0030	0.0182	0.0185	0.0190	0.0185
In-114m	0.3534	0.3450	0.3321	0.3307	1.8785	1.9341	2.0080	1.9445
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.3921	0.3760	0.3556	0.3689	2.1667	2.1370	2.0815	2.1889
In-116m	0.5312	0.4517	0.4598	0.4256	3.2816	2.4239	3.2409	2.8890
In-117	0.5163	0.4628	0.4508	0.4212	3.1617	2.9966	2.9849	3.2059
In-117m	0.2521	0.2416	0.2315	0.2360	1.3926	1.3929	1.3609	1.3704
In-118m	0.6640	0.5503	0.5470	0.5060	4.0735	2.9233	3.6498	3.6240
In-118	0.0157	0.0129	0.0134	0.0113	0.0974	0.0666	0.0938	0.0789
In-119	0.4021	0.3379	0.3416	0.3072	2.2500	2.0009	1.7587	2.5886
In-119m	0.0876	0.0833	0.0798	0.0818	0.4501	0.4400	0.4600	0.4455
In-121	0.2865	0.2424	0.2362	0.2360	1.7273	1.2975	1.4518	1.7072
In-121m	0.3544	0.3484	0.3366	0.3352	1.9295	1.9345	2.1201	1.9567
Ir-180	0.7250	0.6219	0.6474	0.7068	3.4404	3.0138	2.8615	3.5302
Ir-182	0.6967	0.6098	0.6431	0.7177	3.1647	2.7985	2.8296	3.1744
Ir-183	0.8095	0.6943	0.7427	0.8454	3.2269	2.8930	3.0492	3.1364
Ir-184	1.0852	0.9478	0.9864	1.0952	5.0923	4.4341	4.6808	5.0318
Ir-185	0.8753	0.7471	0.8228	0.9672	2.8467	2.6594	2.7515	2.7206
Ir-186	1.0262	0.8860	0.9190	1.0149	4.8260	4.2450	4.2416	4.8130
Ir-186m	0.6160	0.5179	0.5446	0.5885	2.7984	2.4030	2.4002	2.8675
Ir-187	0.5597	0.4753	0.5223	0.6142	1.7554	1.6044	1.6451	1.6664
Ir-188	0.7755	0.6624	0.7006	0.7564	3.6043	3.1583	3.3878	3.4543
Ir-189	0.4333	0.3683	0.4148	0.5031	1.0818	1.0497	1.0452	0.9760
Ir-190	1.0987	0.9524	0.9671	1.0260	5.6147	5.0471	5.0397	5.8380
Ir-190m	0.1429	0.1108	0.1404	0.1878	0.0679	0.1052	0.0194	0.0574
Ir-190n	0.3381	0.2916	0.3248	0.3839	0.9578	0.9191	0.9502	0.8861
Ir-191m	0.4418	0.3776	0.4303	0.5043	0.9485	0.9450	0.8800	0.9705
Ir-192	0.5891	0.5122	0.4804	0.5398	3.4639	3.0105	2.5720	3.3269

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-192m	0.1761	0.1451	0.1716	0.2130	0.0869	0.1284	0.0308	0.0835
Ir-192n	0.3686	0.3045	0.3589	0.4437	0.1881	0.2736	0.0721	0.1812
Ir-193m	0.1435	0.1121	0.1408	0.1865	0.0724	0.1088	0.0248	0.0623
Ir-194	0.0537	0.0463	0.0437	0.0498	0.3163	0.2674	0.2250	0.2942
Ir-194m	1.2854	1.0948	1.0369	1.0633	7.6653	6.6558	6.0076	8.1269
Ir-195	0.3589	0.3118	0.3440	0.3907	0.9017	0.8871	0.8572	0.9090
Ir-195m	0.4790	0.4205	0.4412	0.4864	1.9534	1.8003	1.7217	1.9830
Ir-196	0.1114	0.0959	0.0953	0.0971	0.6630	0.5634	0.5297	0.7006
Ir-196m	1.4312	1.2487	1.2234	1.2469	8.1767	7.2107	6.9479	9.0299
K-38	0.2632	0.2305	0.2430	0.2465	1.6749	1.3948	1.5202	1.6166
K-40	0.0305	0.0254	0.0246	0.0259	0.1779	0.1430	0.2129	0.1541
K-42	0.0517	0.0439	0.0402	0.0439	0.3225	0.2712	0.4010	0.2912
K-43	0.4794	0.4099	0.3929	0.4028	3.0107	2.6306	2.3676	3.2702
K-44	0.3808	0.3259	0.3179	0.3211	2.3525	1.7571	2.3189	2.1248
K-45	0.4309	0.3844	0.3857	0.3923	2.6616	2.3579	2.8767	2.4786
K-46	0.3701	0.3106	0.3021	0.2939	2.2946	1.7187	2.6239	1.9819
Kr-74	0.4936	0.4571	0.4631	0.4729	1.8100	1.7127	1.5945	1.9743
Kr-75	0.3623	0.3414	0.3565	0.3358	1.5157	1.4610	1.4182	1.7362
Kr-76	0.9137	0.8683	0.8448	0.8473	2.7054	2.5571	2.2180	2.7773
Kr-77	0.3402	0.3243	0.3450	0.3256	1.4391	1.3879	1.3122	1.7531
Kr-79	0.5113	0.4897	0.4794	0.4622	0.9165	0.9092	0.7370	0.9973
Kr-81	0.4137	0.4019	0.3937	0.3690	0.2484	0.3139	0.1507	0.3232
Kr-81m	0.2903	0.2866	0.2861	0.2640	0.9800	0.9809	1.0468	1.0045
Kr-83m	0.1754	0.1663	0.1682	0.1657	0.1215	0.1516	0.0858	0.1609
Kr-85	0.0010	0.0009	0.0008	0.0007	0.0069	0.0061	0.0066	0.0076
Kr-85m	0.2379	0.2255	0.2313	0.2183	1.1655	1.1518	1.0850	1.1474
Kr-87	0.2055	0.1879	0.1860	0.1939	1.2838	1.1035	1.2129	1.4075
Kr-88	0.4278	0.3910	0.3848	0.3849	2.2978	1.9705	2.2292	2.3021
Kr-89	0.4419	0.3819	0.3653	0.3714	2.7048	2.2534	2.6576	2.7367
La-128	0.9484	0.8440	0.8331	0.8395	5.7894	5.0103	5.2755	5.6557
La-129	0.6823	0.6512	0.7055	0.6877	3.8931	3.7638	3.8829	3.9700
La-130	0.7617	0.6853	0.6943	0.6890	4.5790	4.0302	4.2484	4.6277
La-131	1.0013	0.9607	1.0539	1.0116	5.6670	5.5324	5.7597	5.8803
La-132	0.8663	0.7998	0.8370	0.7941	5.1419	4.7319	5.1962	5.2814
La-132m	0.8252	0.7755	0.8409	0.8110	4.6407	4.4261	4.6446	4.8334
La-133	0.7597	0.7302	0.8277	0.7927	3.9032	3.9235	4.1417	3.8868
La-134	0.2871	0.2775	0.3123	0.2918	1.5769	1.5732	1.6760	1.5781
La-135	0.7278	0.7112	0.8075	0.7533	3.9584	3.9929	4.2794	3.9494
La-136	0.4780	0.4659	0.5290	0.4928	2.6022	2.6164	2.7999	2.6004
La-137	0.6993	0.6835	0.7771	0.7256	3.7921	3.8297	4.1033	3.7806
La-138	0.6318	0.5740	0.6232	0.5819	3.5928	3.2765	3.7681	3.5412
La-140	0.5906	0.5075	0.4738	0.4939	3.6939	3.1721	3.8961	3.7210
La-141	0.0048	0.0040	0.0040	0.0037	0.0296	0.0220	0.0322	0.0245

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-142	0.4011	0.3389	0.3176	0.3353	2.4942	2.0389	2.2364	2.5497
La-143	0.0562	0.0466	0.0456	0.0443	0.3496	0.2796	0.3126	0.3456
Lu-165	0.6610	0.5825	0.6173	0.6764	3.1821	2.8970	2.9899	3.1853
Lu-167	0.9271	0.8239	0.8768	0.9317	4.5950	4.1972	4.5729	4.3811
Lu-169m	0.1005	0.0755	0.0991	0.1373	0.0469	0.0744	0.0117	0.0367
Lu-169	0.6781	0.5825	0.6140	0.6765	3.1691	2.7013	3.0582	2.8759
Lu-170	0.6950	0.5939	0.6148	0.6781	3.4210	2.7921	3.4261	3.0937
Lu-171m	0.1064	0.0801	0.1049	0.1449	0.0538	0.0822	0.0171	0.0425
Lu-171	0.7993	0.6711	0.7287	0.8164	3.0309	2.8704	2.4866	3.1123
Lu-172	0.9506	0.8064	0.8480	0.9174	4.5750	3.7709	4.1744	4.2848
Lu-172m	0.0903	0.0678	0.0891	0.1234	0.0422	0.0669	0.0107	0.0331
Lu-173	0.5108	0.4453	0.4822	0.5640	1.9976	1.8830	1.8252	1.7578
Lu-174	0.2843	0.2395	0.2715	0.3249	0.8839	0.8291	0.8172	0.7321
Lu-174m	0.4612	0.3859	0.4468	0.5566	1.2020	1.1931	1.1116	1.0937
Lu-176	0.6079	0.5342	0.5568	0.6517	2.9605	2.7188	2.5221	2.7775
Lu-176m	0.0926	0.0748	0.0889	0.1117	0.2161	0.2172	0.1856	0.2212
Lu-177	0.0632	0.0566	0.0617	0.0707	0.2849	0.2720	0.2721	0.3125
Lu-177m	1.2798	1.1574	1.2186	1.3723	6.3950	5.9690	5.9470	6.4570
Lu-178	0.0780	0.0641	0.0717	0.0836	0.2841	0.2450	0.2665	0.2769
Lu-178m	1.0881	0.9673	0.9936	1.1087	5.7846	5.2735	5.0920	5.9869
Lu-179	0.0324	0.0308	0.0323	0.0350	0.1872	0.1780	0.1971	0.1816
Lu-180	0.5748	0.4992	0.5177	0.5454	3.0963	2.5070	2.9821	2.8923
Lu-181	0.5335	0.4462	0.4786	0.5423	2.2793	2.0718	1.8577	2.3968
Mg-27	0.2601	0.2128	0.2146	0.1979	1.5672	1.1682	1.2415	1.6472
Mg-28	0.9186	0.8681	0.9303	0.8636	5.3833	4.9423	5.7022	5.2465
Mn-50m	0.8460	0.6897	0.6920	0.6313	5.1738	3.8913	4.6699	4.9925
Mn-51	0.0037	0.0028	0.0034	0.0042	0.0092	0.0080	0.0067	0.0092
Mn-52	0.8311	0.6757	0.6801	0.6659	4.7618	3.6839	4.3122	4.7027
Mn-52m	0.2628	0.2205	0.2120	0.2114	1.6277	1.2752	1.9086	1.3912
Mn-53	0.0809	0.0606	0.0798	0.1108	0.0377	0.0599	0.0093	0.0293
Mn-54	0.3397	0.2650	0.2938	0.2913	1.5965	1.2709	1.1246	1.8205
Mn-56	0.3742	0.3053	0.3176	0.2892	2.2934	1.8252	1.9104	2.4564
Mn-57	0.2487	0.2143	0.2434	0.2736	0.5936	0.5989	0.5401	0.7994
Mn-58m	0.5688	0.4644	0.4744	0.4163	3.5089	2.7277	3.1207	3.5889
Mo-101	0.4826	0.4125	0.4137	0.4119	2.7777	2.3514	2.6301	2.7892
Mo-102	0.0246	0.0236	0.0246	0.0251	0.1447	0.1431	0.1496	0.1485
Mo-89	0.0716	0.0603	0.0620	0.0596	0.4086	0.3398	0.3716	0.4496
Mo-90	1.1694	1.0909	1.1815	1.2352	5.9345	5.9528	6.4632	7.8029
Mo-91m	0.2816	0.2314	0.2264	0.2203	1.6706	1.4010	1.5293	1.7511
Mo-91	0.0382	0.0352	0.0391	0.0405	0.1743	0.1838	0.2126	0.2577
Mo-93	0.5465	0.5063	0.5698	0.5856	2.4302	2.6143	2.9557	3.7134
Mo-93m	0.8628	0.7453	0.7288	0.7462	5.0285	4.4864	4.8664	5.2952
Mo-99	0.1049	0.0927	0.0952	0.0890	0.5941	0.5588	0.5162	0.6894

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.1734	0.1467	0.1375	0.1852	1.0879	0.9602	1.1628	0.7768
Na-22	0.2286	0.1858	0.1971	0.1579	1.4127	0.9197	1.4233	1.0421
Na-24	0.5084	0.4477	0.3987	0.4498	3.1455	2.4175	3.4948	2.9950
Nb-87	0.6435	0.6036	0.6754	0.6841	3.1332	3.1708	3.6941	4.1617
Nb-88m	0.9426	0.8143	0.7995	0.7979	5.7508	4.5318	5.3256	5.6973
Nb-88	1.4107	1.2386	1.2546	1.2561	7.9414	6.5881	7.8080	8.4882
Nb-89	0.2235	0.2017	0.2146	0.2233	1.0917	1.0215	1.2986	1.4267
Nb-89m	0.3281	0.2904	0.2878	0.2688	1.8892	1.7289	1.9277	2.3042
Nb-90	1.1011	0.9930	1.0562	1.0699	5.8812	5.1556	6.0971	6.7407
Nb-91	0.5637	0.5203	0.5964	0.6056	2.2955	2.4318	2.8973	3.6874
Nb-91m	0.4690	0.4336	0.4881	0.5012	2.0832	2.2265	2.5256	3.1671
Nb-92	1.0474	0.9223	0.9687	0.9631	5.3614	4.8400	5.4370	6.8126
Nb-92m	0.8316	0.7466	0.8170	0.8264	3.9030	3.5884	4.2812	5.2535
Nb-93m	0.1032	0.0946	0.1072	0.1122	0.4365	0.4709	0.5284	0.6650
Nb-94m	0.3736	0.3456	0.3891	0.4005	1.6554	1.7785	2.0083	2.5236
Nb-94	0.5080	0.4002	0.4012	0.3562	3.0904	2.4550	2.1840	3.4660
Nb-95	0.2568	0.1969	0.2072	0.1669	1.5573	1.2658	1.0190	1.8754
Nb-95m	0.4320	0.4034	0.4461	0.4650	2.0328	2.1374	2.3954	2.8585
Nb-96	0.7958	0.6512	0.6487	0.5784	4.9232	3.9331	3.9779	5.2815
Nb-97	0.2516	0.1926	0.1803	0.1677	1.5615	1.3238	1.0047	1.7555
Nb-98m	0.8073	0.6447	0.6576	0.5817	4.9265	3.9856	3.8559	5.4050
Nb-99	0.5876	0.5522	0.5829	0.5868	3.0618	3.1516	3.0324	4.1993
Nb-99m	0.2106	0.1882	0.1836	0.1936	1.2306	1.0920	1.1718	1.3869
Nd-134	0.9772	0.9397	0.9994	0.9994	5.5054	5.3970	5.6748	5.5584
Nd-135	1.1146	1.0643	1.1175	1.1363	6.2671	6.0494	6.5186	6.4792
Nd-136	1.2866	1.2396	1.3193	1.3326	7.0733	6.9388	7.2903	7.5236
Nd-137	1.1746	1.1068	1.1721	1.1568	6.6313	6.3112	6.7288	6.7721
Nd-138	0.7311	0.7123	0.7679	0.7655	3.9983	3.9669	4.2482	4.1030
Nd-139	0.6010	0.5805	0.6221	0.6183	3.3251	3.2442	3.4985	3.4193
Nd-139m	1.4933	1.3798	1.4574	1.4289	8.4915	7.8333	8.1273	9.0578
Nd-140	0.7017	0.6844	0.7390	0.7358	3.8255	3.8032	4.0850	3.9300
Nd-141	0.7035	0.6858	0.7401	0.7362	3.8435	3.8123	4.1025	3.9423
Nd-141m	0.2918	0.2355	0.2467	0.2129	1.7371	1.4710	1.2612	2.0286
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	0.5069	0.4826	0.4980	0.5128	2.8462	2.7523	2.8772	3.0741
Nd-149	0.5746	0.5427	0.5555	0.5832	3.3251	3.1589	3.2430	3.4930
Nd-151	0.5628	0.5138	0.5273	0.5314	3.3255	2.9697	3.1059	3.5599
Nd-152	0.2629	0.2436	0.2510	0.2848	1.3876	1.3268	1.3375	1.4270
Ne-19	0.0000	0.0000	0.0000	0.0000	0.0002	0.0002	0.0002	0.0003
Ne-24	0.2576	0.2302	0.2157	0.1997	1.6943	1.4810	1.6354	1.8704
Ni-56	0.9220	0.7738	0.8220	0.8223	4.8366	4.3396	4.0988	5.0540
Ni-57	0.3600	0.2966	0.3213	0.3366	1.7834	1.4171	1.9135	1.5895

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ni-59	0.1403	0.1051	0.1384	0.1922	0.0653	0.1038	0.0161	0.0508
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.1175	0.1002	0.0958	0.0981	0.7269	0.5619	0.7958	0.6360
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	1.3920	1.2592	1.2831	1.3015	5.7977	5.4346	4.9616	7.3557
Np-233	0.5544	0.5162	0.5276	0.5412	1.9589	1.9960	1.7568	2.9307
Np-234	0.9206	0.8411	0.8523	0.8708	3.5965	3.4727	3.6814	4.6268
Np-235	0.3647	0.3408	0.3607	0.3686	0.9063	1.0084	0.9971	1.2999
Np-236	1.5566	1.4615	1.5196	1.5380	5.1112	5.4634	5.2024	7.1803
Np-236m	0.3429	0.3198	0.3280	0.3351	1.1774	1.2163	1.0893	1.7476
Np-237	0.7250	0.6875	0.7262	0.7156	2.3559	2.5008	2.5726	3.0697
Np-238	0.4807	0.4431	0.4467	0.4602	1.9585	1.7891	1.9802	2.2236
Np-239	0.8359	0.7760	0.7994	0.8484	3.1997	3.2857	2.9604	4.3823
Np-240	1.3490	1.2396	1.2563	1.2712	5.6008	5.4789	5.3946	6.9281
Np-240m	0.4138	0.3775	0.3797	0.3799	1.6928	1.6868	1.6438	2.0847
Np-241	0.2195	0.2051	0.2110	0.2174	0.8266	0.8567	0.7777	1.1854
Np-242	0.1107	0.0965	0.0988	0.0955	0.5333	0.4751	0.4981	0.6001
Np-242m	1.2648	1.1590	1.1948	1.1913	5.0688	5.0356	4.8421	6.3311
O-14	0.2631	0.2375	0.2269	0.2548	1.6624	1.3649	1.4777	1.6168
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	0.3418	0.3104	0.3237	0.3178	2.1038	1.8359	2.3380	1.9445
Os-180	0.5279	0.4552	0.4945	0.5891	1.5580	1.5885	1.4243	1.4925
Os-181	0.9170	0.7885	0.8406	0.9432	4.0507	3.5410	3.7391	3.9408
Os-182	0.6328	0.5457	0.5868	0.6696	2.4670	2.3158	2.3929	2.4148
Os-183	0.8405	0.7360	0.7923	0.9108	3.5087	3.1987	3.2548	3.5879
Os-183m	0.5108	0.4340	0.4595	0.5171	2.1612	1.6832	2.0719	1.8546
Os-185	0.5104	0.4134	0.4306	0.4770	2.2371	1.9609	1.7049	2.3229
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1354	0.1040	0.1331	0.1800	0.0639	0.0997	0.0176	0.0529
Os-190m	1.1060	0.9466	0.9515	1.0104	5.7224	5.1583	4.9244	6.0068
Os-191	0.4535	0.3889	0.4417	0.5150	1.0353	1.0227	0.9711	1.0607
Os-191m	0.1602	0.1268	0.1562	0.2045	0.1513	0.1794	0.1074	0.1324
Os-193	0.1310	0.1133	0.1235	0.1402	0.4275	0.4046	0.3969	0.4271
Os-194	0.1634	0.1387	0.1602	0.1947	0.2665	0.2921	0.2355	0.2712
Os-196	0.1095	0.0971	0.1029	0.1141	0.4729	0.4350	0.4412	0.4840
P-30	0.0002	0.0002	0.0002	0.0002	0.0012	0.0010	0.0011	0.0012
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.2883	0.2685	0.2833	0.2867	0.7968	0.8320	0.8394	1.1370
Pa-228	1.5767	1.4401	1.4863	1.4938	5.8785	5.5422	5.6418	7.5015
Pa-229	0.5343	0.4968	0.5162	0.5197	1.6402	1.6830	1.5735	2.4124
Pa-230	0.9328	0.8555	0.8814	0.8839	3.3851	3.2043	3.2565	4.4500
Pa-231	0.6705	0.6256	0.6642	0.6793	1.8239	1.9368	1.9696	2.4067

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pa-232	0.8084	0.7355	0.7507	0.7477	3.3857	3.1158	3.2568	4.0598
Pa-233	0.7479	0.6912	0.7048	0.7357	2.6885	2.6870	2.4024	3.4835
Pa-234	1.5310	1.3925	1.4302	1.4273	6.2482	5.9193	5.8474	7.8601
Pa-234m	0.0123	0.0111	0.0113	0.0115	0.0507	0.0457	0.0475	0.0615
Pa-235	0.0478	0.0361	0.0471	0.0649	0.0223	0.0353	0.0057	0.0177
Pa-236	0.5710	0.5061	0.5137	0.5104	2.4494	2.2945	2.2482	2.9427
Pa-237	0.2590	0.2130	0.2168	0.2096	1.3797	1.1375	1.1073	1.5374
Pb-194	0.8423	0.7421	0.7705	0.7871	3.4044	3.0853	3.3986	3.3142
Pb-195m	1.2747	1.1332	1.1741	1.1979	5.1660	4.6013	4.5955	5.5047
Pb-196	0.7726	0.6960	0.7242	0.7503	2.9524	2.7841	2.9534	2.8538
Pb-197	0.7836	0.6886	0.7218	0.7259	3.4748	3.0006	3.3196	3.4512
Pb-197m	1.0926	0.9786	1.0186	1.0428	4.3623	3.9597	4.0518	4.5545
Pb-198	0.7498	0.6721	0.7039	0.7393	2.7842	2.6216	2.6093	2.6740
Pb-199	0.6787	0.5976	0.6223	0.6404	2.8175	2.4882	2.7027	2.7385
Pb-200	0.7124	0.6431	0.6890	0.7087	2.1413	2.1207	2.1754	2.0744
Pb-201	0.7567	0.6628	0.6805	0.7175	3.1293	2.7684	2.6459	2.9983
Pb-201m	0.3013	0.2534	0.2538	0.2507	1.2359	1.1200	0.9534	1.3166
Pb-202	0.1532	0.1265	0.1493	0.1848	0.0769	0.1129	0.0289	0.0754
Pb-202m	0.8925	0.7762	0.7749	0.7546	4.7629	3.9299	4.1196	5.1186
Pb-203	0.6440	0.5816	0.6028	0.6515	2.4198	2.2869	2.2569	2.2086
Pb-204m	0.7682	0.6613	0.6608	0.6566	4.4532	3.5088	3.7317	4.6193
Pb-205	0.1551	0.1281	0.1511	0.1870	0.0779	0.1144	0.0293	0.0765
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2277	0.2108	0.2208	0.2291	0.2782	0.3144	0.2514	0.3482
Pb-211	0.0328	0.0287	0.0296	0.0280	0.1784	0.1534	0.1547	0.2023
Pb-212	0.3086	0.2885	0.2974	0.3080	1.2138	1.1773	1.2424	1.1452
Pb-214	0.3313	0.3011	0.3026	0.3208	1.4009	1.2843	1.1865	1.3731
Pd-100	1.2206	1.2107	1.1079	1.0673	6.2438	6.9174	6.0998	6.4849
Pd-101	1.1014	1.0965	0.9660	0.9552	5.5635	6.1814	5.1092	5.8120
Pd-103	0.5262	0.5337	0.4658	0.4560	2.5642	2.9737	2.4000	2.7173
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	0.3211	0.3176	0.3029	0.2999	1.7299	1.8431	1.7828	1.7605
Pd-109	0.2837	0.2818	0.2584	0.2582	1.4231	1.5525	1.4518	1.4976
Pd-111	0.0220	0.0194	0.0182	0.0176	0.1319	0.1180	0.1220	0.1356
Pd-112	0.2210	0.2132	0.2130	0.2163	0.9957	1.1249	1.0542	1.2873
Pd-114	0.0338	0.0327	0.0332	0.0345	0.2003	0.1937	0.1949	0.2163
Pd-96	0.8307	0.7711	0.7293	0.6843	4.5955	4.4889	3.9893	5.1699
Pd-97	0.6828	0.6296	0.5889	0.6064	3.9874	3.6779	3.8072	3.9456
Pd-98	0.8973	0.8755	0.7899	0.7803	4.6985	5.0364	4.1038	5.3974
Pd-99	0.6627	0.6343	0.6023	0.5893	3.6452	3.6800	3.3614	3.9070
Pm-136	0.8418	0.7216	0.7189	0.7043	5.1385	4.3742	4.1466	5.5520
Pm-137m	1.3185	1.2362	1.2715	1.2949	7.6539	7.1878	7.4912	8.0025
Pm-139	0.3382	0.3223	0.3377	0.3418	1.9183	1.8288	1.9627	2.0206

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pm-140m	1.0417	0.9223	0.9388	0.9153	6.2168	5.2016	5.6520	6.5199
Pm-140	0.1186	0.1096	0.1145	0.1124	0.6759	0.6218	0.6696	0.6977
Pm-141	0.3957	0.3798	0.4018	0.4056	2.1880	2.1068	2.3072	2.2292
Pm-142	0.1761	0.1700	0.1790	0.1827	0.9692	0.9496	1.0400	0.9976
Pm-143	0.7881	0.7470	0.7919	0.7899	4.3537	4.2075	4.3804	4.5971
Pm-144	1.3117	1.1665	1.1808	1.1541	7.6600	7.0632	6.8088	8.2780
Pm-145	0.6915	0.6718	0.7157	0.7289	3.7356	3.6971	3.9710	3.8608
Pm-146	0.7682	0.7073	0.7327	0.7146	4.4517	4.1490	4.2683	4.8273
Pm-147	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001
Pm-148	0.1512	0.1266	0.1185	0.1153	0.9512	0.7752	0.9347	0.9405
Pm-148m	0.8808	0.7337	0.6900	0.6712	5.4849	4.6962	4.3630	5.9211
Pm-149	0.0122	0.0111	0.0108	0.0125	0.0686	0.0625	0.0566	0.0641
Pm-150	0.4647	0.3960	0.3891	0.3955	2.8509	2.2848	2.4006	2.7074
Pm-151	0.4861	0.4535	0.4581	0.4867	2.7775	2.6146	2.6088	2.8961
Pm-152m	0.9242	0.8524	0.8589	0.9116	5.4213	4.8118	5.2088	5.4389
Pm-152	0.1843	0.1679	0.1731	0.1769	1.0526	0.9332	0.9828	1.1527
Pm-153	0.3717	0.3552	0.3830	0.3888	1.9947	1.9592	2.0497	2.1742
Pm-154	0.5805	0.5169	0.5332	0.5428	3.3277	2.8285	3.2532	3.2442
Pm-154m	0.9338	0.8443	0.8561	0.8818	5.4055	4.8586	5.4496	5.3932
Po-203	0.9479	0.8446	0.8693	0.8422	3.7734	3.2177	3.6486	3.7137
Po-204	1.4650	1.3120	1.3664	1.3798	4.7496	4.3400	4.4657	4.8007
Po-205	0.9002	0.7894	0.8143	0.7859	3.6951	3.1330	3.4473	3.7211
Po-206	1.2197	1.0962	1.1136	1.1068	4.2008	3.7475	3.8235	4.2701
Po-207	0.8076	0.7142	0.7300	0.7179	3.3149	2.7823	3.0911	3.2685
Po-208	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001
Po-209	0.0126	0.0103	0.0120	0.0147	0.0275	0.0269	0.0236	0.0259
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0029	0.0024	0.0023	0.0021	0.0177	0.0142	0.0142	0.0188
Po-212m	0.0119	0.0106	0.0090	0.0104	0.0746	0.0621	0.0666	0.0788
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001
Po-214	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001	0.0001	0.0002
Po-215	0.0001	0.0001	0.0001	0.0001	0.0006	0.0006	0.0006	0.0007
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	1.2457	1.1075	1.1145	1.1164	7.5381	6.5915	6.6515	7.8358
Pr-134m	0.6055	0.5554	0.5700	0.5683	3.6918	3.2817	3.6456	3.8714
Pr-135	0.8911	0.8519	0.9149	0.9032	5.0072	4.8709	5.1381	5.0420
Pr-136	0.7878	0.7095	0.7070	0.6814	4.7639	4.2770	4.6118	4.9250
Pr-137	0.5755	0.5587	0.6105	0.5944	3.1640	3.1307	3.3643	3.2221
Pr-138	0.1934	0.1868	0.2043	0.1981	1.0634	1.0499	1.1208	1.0907
Pr-138m	1.4139	1.2749	1.3243	1.3072	8.1901	7.1628	7.4150	8.2186
Pr-139	0.6700	0.6540	0.7172	0.6990	3.6615	3.6530	3.9287	3.7253

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pr-140	0.3579	0.3493	0.3830	0.3734	1.9559	1.9520	2.0987	1.9909
Pr-142	0.0108	0.0093	0.0083	0.0095	0.0678	0.0592	0.0875	0.0631
Pr-142m	0.0064	0.0048	0.0063	0.0087	0.0030	0.0047	0.0007	0.0023
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0061	0.0049	0.0049	0.0047	0.0378	0.0315	0.0302	0.0401
Pr-144m	0.2999	0.2869	0.3141	0.3222	1.5135	1.5110	1.6061	1.5521
Pr-145	0.0132	0.0119	0.0123	0.0121	0.0760	0.0677	0.0711	0.0783
Pr-146	0.2792	0.2418	0.2335	0.2269	1.7664	1.4912	1.7462	1.8394
Pr-147	1.0571	1.0020	1.0523	1.0637	5.8903	5.6545	5.9785	6.0365
Pr-148	0.3564	0.3075	0.2959	0.3152	2.1814	1.8025	1.7812	2.0391
Pr-148m	0.5286	0.4617	0.4402	0.4699	3.2682	2.8460	2.5979	3.2760
Pt-184	1.3333	1.1553	1.2541	1.4057	4.6825	4.4352	4.4660	4.5323
Pt-186	0.6842	0.5729	0.6072	0.6642	2.7043	2.4341	2.2387	2.7698
Pt-187	0.8322	0.7183	0.7738	0.8742	2.9442	2.6909	2.6932	2.9110
Pt-188	0.5929	0.5181	0.5709	0.6529	1.8675	1.7969	1.8887	1.7655
Pt-189	0.7994	0.6838	0.7380	0.8382	2.6772	2.4779	2.4393	2.6261
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	0.7058	0.6108	0.6626	0.7558	2.2902	2.1485	2.2132	2.2008
Pt-193	0.1573	0.1273	0.1537	0.1952	0.0770	0.1153	0.0262	0.0719
Pt-193m	0.2143	0.1763	0.2082	0.2575	0.2365	0.2685	0.1920	0.2124
Pt-195m	0.6458	0.5516	0.6229	0.7271	1.2848	1.3065	1.1803	1.2814
Pt-197	0.1922	0.1663	0.1874	0.2069	0.3473	0.3672	0.3564	0.3143
Pt-197m	0.4460	0.3843	0.4259	0.4929	0.8462	0.8482	0.7472	0.7795
Pt-199	0.1419	0.1235	0.1226	0.1255	0.7233	0.6477	0.6468	0.7442
Pt-200	0.2861	0.2501	0.2769	0.3074	0.7130	0.7138	0.7119	0.6728
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	0.4155	0.3874	0.3962	0.4090	1.5153	1.5544	1.3615	2.2815
Pu-234	0.4964	0.4630	0.4749	0.4900	1.7658	1.8227	1.6127	2.6463
Pu-235	0.7039	0.6571	0.6761	0.6954	2.4547	2.5478	2.2913	3.6255
Pu-236	0.1187	0.1121	0.1175	0.1180	0.3311	0.3675	0.3678	0.4730
Pu-237	0.5526	0.5163	0.5348	0.5503	1.8101	1.9084	1.7610	2.6372
Pu-238	0.1098	0.1037	0.1087	0.1091	0.3053	0.3389	0.3392	0.4363
Pu-239	0.0556	0.0507	0.0549	0.0587	0.1324	0.1489	0.1431	0.1862
Pu-240	0.1032	0.0975	0.1021	0.1026	0.2874	0.3190	0.3193	0.4107
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001
Pu-242	0.0885	0.0836	0.0876	0.0880	0.2465	0.2735	0.2738	0.3521
Pu-243	0.1800	0.1662	0.1751	0.1751	0.7172	0.7489	0.7660	0.8707
Pu-244	0.0788	0.0741	0.0773	0.0776	0.2376	0.2549	0.2583	0.3256
Pu-245	0.3878	0.3483	0.3459	0.3609	1.9232	1.7724	1.5879	2.2994
Pu-246	0.7828	0.7444	0.7652	0.7913	3.4271	3.5055	3.4604	4.2590
Ra-219	0.2297	0.2033	0.2005	0.2161	1.0349	0.9327	0.7691	1.0498
Ra-220	0.0026	0.0023	0.0022	0.0021	0.0162	0.0144	0.0159	0.0180
Ra-221	0.2737	0.2543	0.2688	0.2686	0.6704	0.7055	0.6853	0.8691

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ra-222	0.0081	0.0071	0.0067	0.0077	0.0453	0.0392	0.0300	0.0429
Ra-223	0.4323	0.3927	0.4143	0.4251	1.4663	1.4456	1.4074	1.6725
Ra-224	0.0150	0.0144	0.0145	0.0160	0.0758	0.0731	0.0768	0.0733
Ra-225	0.4048	0.3929	0.4041	0.4146	1.8328	1.8284	1.9678	2.0845
Ra-226	1.3026	1.2870	1.2573	1.2863	1.3523	1.3070	1.2411	1.2590
Ra-227	0.7190	0.6723	0.7021	0.7148	2.4055	2.4553	2.4826	2.9584
Ra-228	1.2276	1.2240	1.1882	1.2003	1.2768	1.2393	1.2075	1.2843
Ra-230	0.2309	0.2116	0.2220	0.2279	0.8185	0.8078	0.8204	1.0251
Rb-77	0.4038	0.3753	0.3650	0.3464	1.9183	1.6945	1.8472	1.9050
Rb-78m	0.6464	0.5538	0.5384	0.5166	3.9588	3.3063	3.5965	4.1898
Rb-78	0.5283	0.4716	0.4319	0.4497	3.0308	2.5558	3.1991	3.2864
Rb-79	0.5920	0.5564	0.5435	0.4916	2.2834	2.1361	2.0078	2.5128
Rb-80	0.0795	0.0634	0.0580	0.0540	0.4563	0.3920	0.3077	0.5058
Rb-81	0.4543	0.4488	0.4211	0.3639	0.9370	0.8983	0.8459	1.1207
Rb-81m	0.4068	0.4131	0.3914	0.3264	0.5784	0.6257	0.5963	0.8619
Rb-82	0.0639	0.0547	0.0550	0.0451	0.2700	0.2241	0.1855	0.3260
Rb-82m	1.2089	1.0542	1.0138	0.8936	5.4343	4.4783	4.3527	5.9002
Rb-83	0.7036	0.6773	0.6274	0.5412	1.8068	1.6904	1.5919	2.1047
Rb-84	0.5136	0.4855	0.4648	0.4025	1.3459	1.1160	1.0592	1.5260
Rb-84m	0.4831	0.4738	0.4582	0.4562	2.1685	2.0619	2.1897	2.2267
Rb-86m	0.2464	0.2061	0.1849	0.1681	1.5610	1.3599	1.3064	1.7191
Rb-86	0.0217	0.0187	0.0180	0.0183	0.1312	0.0872	0.1259	0.1072
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.1077	0.0911	0.0927	0.0923	0.6703	0.5445	0.6646	0.6587
Rb-89	0.4236	0.3621	0.3520	0.3531	2.5975	1.8582	2.4420	2.2653
Rb-90	0.2333	0.1957	0.1866	0.1934	1.4217	1.1189	1.4495	1.5197
Rb-90m	0.5522	0.4610	0.4483	0.4379	3.3148	2.6052	3.1311	3.5542
Re-178	0.6594	0.5713	0.5984	0.7037	2.8784	2.5361	2.7980	2.8957
Re-179	0.7980	0.6960	0.7255	0.8215	3.7502	3.3722	3.5203	3.7042
Re-180	0.7036	0.5857	0.6296	0.7104	2.9282	2.4285	2.4440	3.0414
Re-181	0.8054	0.6902	0.7347	0.8530	3.4006	3.0209	2.9604	3.3528
Re-182	1.4817	1.2896	1.3819	1.5716	6.4582	5.6988	6.1487	5.9316
Re-182m	0.7719	0.6555	0.7099	0.7940	3.2017	2.6671	3.0535	2.8874
Re-183	0.6646	0.5643	0.6375	0.7721	2.0075	1.9545	1.8858	1.8659
Re-184	0.6208	0.5144	0.5585	0.6150	2.6122	2.2072	2.1310	2.7690
Re-184m	0.6130	0.5179	0.5751	0.6922	2.0777	1.9214	1.8259	2.0863
Re-186	0.0652	0.0565	0.0642	0.0736	0.2128	0.2063	0.2003	0.2244
Re-186m	0.4473	0.3607	0.4374	0.5659	0.6090	0.6792	0.4930	0.5852
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.0733	0.0644	0.0698	0.0735	0.3209	0.3121	0.3051	0.3050
Re-188m	0.4504	0.3723	0.4293	0.5392	1.0627	1.0362	0.9369	1.0683
Re-189	0.0966	0.0864	0.0939	0.1077	0.3860	0.3741	0.3864	0.3675
Re-190	0.7368	0.6429	0.6446	0.6491	4.3355	3.8497	3.8287	4.5875

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Re-190m	0.6761	0.5822	0.5998	0.6467	3.3951	3.0415	2.9798	3.5783
Rh-100m	0.7556	0.7593	0.6876	0.6681	3.7515	4.2460	3.5951	3.9313
Rh-100	1.1179	1.0263	0.9595	0.9452	6.2774	5.9782	6.0128	6.7368
Rh-101	0.8987	0.8810	0.8598	0.8544	4.6762	4.9962	4.6435	5.3971
Rh-101m	0.7500	0.7204	0.6637	0.6923	3.8687	4.0655	3.3949	4.1429
Rh-102	0.4852	0.4653	0.4314	0.4202	2.5723	2.6753	2.5016	2.9174
Rh-102m	1.3149	1.1793	1.1102	1.0652	7.4488	6.9673	6.5317	8.2301
Rh-103m	0.0660	0.0644	0.0594	0.0621	0.2802	0.3262	0.2596	0.2956
Rh-104	0.0076	0.0067	0.0061	0.0058	0.0452	0.0423	0.0397	0.0500
Rh-104m	0.5758	0.5792	0.5129	0.5028	2.8832	3.2360	2.6942	2.9780
Rh-105	0.0635	0.0552	0.0502	0.0601	0.3859	0.3329	0.2441	0.3483
Rh-106	0.0838	0.0703	0.0633	0.0583	0.5443	0.4672	0.4696	0.5866
Rh-106m	0.9375	0.7906	0.7622	0.7110	5.8987	4.8605	5.2618	6.1919
Rh-107	0.2476	0.2205	0.2056	0.2390	1.5138	1.3332	1.0938	1.4174
Rh-108	0.1576	0.1396	0.1339	0.1301	1.0105	0.8932	0.9138	1.1283
Rh-109	0.3221	0.2983	0.2818	0.3076	1.8953	1.7755	1.5543	1.8671
Rh-94	0.6157	0.5162	0.5009	0.4901	3.7880	2.9913	3.7475	3.6317
Rh-95	0.5431	0.4813	0.4585	0.4583	3.1124	2.6286	2.9917	3.1093
Rh-95m	0.2934	0.2562	0.2299	0.2162	1.8061	1.6423	1.6356	1.9956
Rh-96	1.1288	0.9225	0.9005	0.8259	6.7139	5.7323	5.1283	7.4350
Rh-96m	0.4439	0.4087	0.3820	0.3665	2.4086	2.3201	2.1605	2.5517
Rh-97	0.5296	0.4948	0.4795	0.4706	2.9837	2.8582	2.8459	3.3398
Rh-97m	0.9002	0.8463	0.8100	0.8135	4.9496	4.8521	4.9326	5.2528
Rh-98	0.3371	0.2734	0.2571	0.2445	2.0181	1.7768	1.4758	2.2260
Rh-99	1.0592	1.0162	0.9481	0.9452	5.5018	5.8060	5.1685	6.2610
Rh-99m	0.7848	0.7435	0.6949	0.7062	4.1212	4.2070	3.6735	4.4810
Rn-207	0.6977	0.6124	0.6240	0.6181	3.1228	2.7960	2.6505	3.4049
Rn-209	0.7885	0.7008	0.7234	0.7082	3.4904	3.1332	3.2090	3.8542
Rn-210	0.0644	0.0576	0.0593	0.0582	0.2443	0.2244	0.2275	0.2701
Rn-211	0.9815	0.8530	0.8670	0.8355	4.4504	3.8050	4.0485	4.6691
Rn-212	0.0001	0.0001	0.0001	0.0001	0.0008	0.0007	0.0005	0.0009
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0003	0.0002	0.0002	0.0002	0.0020	0.0017	0.0014	0.0022
Rn-219	0.0574	0.0539	0.0538	0.0585	0.3077	0.2841	0.2845	0.3064
Rn-220	1.2299	1.2194	1.1707	1.1974	1.2774	1.2631	1.2387	1.2727
Rn-222	0.0002	0.0002	0.0001	0.0001	0.0012	0.0011	0.0012	0.0013
Rn-223	0.5350	0.4786	0.5025	0.5110	1.7094	1.6521	1.5946	2.1195
Ru-103	0.2420	0.2134	0.1908	0.1707	1.6069	1.4201	1.5446	1.7528
Ru-105	0.4152	0.3611	0.3430	0.3283	2.4539	2.2288	1.9302	2.6862
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.1416	0.1254	0.1242	0.1218	0.8647	0.7437	0.7962	0.8831

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ru-108	0.1418	0.1369	0.1357	0.1301	0.7649	0.8114	0.7594	0.7620
Ru-92	1.8959	1.8167	1.8144	1.8649	10.0842	10.2501	10.3307	11.3398
Ru-94	0.7994	0.7561	0.7474	0.7603	4.0986	4.1840	3.9772	4.8993
Ru-95	0.8684	0.7957	0.7749	0.7954	4.6306	4.4430	4.2333	5.1330
Ru-97	0.7890	0.7632	0.7611	0.7819	4.0007	4.2569	4.1818	4.6766
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.2381	0.2185	0.1648	0.2371	1.4378	1.1518	2.1498	1.8091
S-38	0.2312	0.1959	0.2212	0.2072	1.4783	1.2574	1.4611	1.4114
Sb-111	0.5144	0.4785	0.4736	0.4532	3.0335	2.8665	3.0485	3.0868
Sb-113	0.5041	0.4693	0.4416	0.4273	3.0143	2.8130	3.0563	3.1500
Sb-114	0.5075	0.4401	0.4424	0.4083	3.0214	2.3870	3.0338	2.6907
Sb-115	0.6639	0.6301	0.5962	0.5709	3.8800	3.7343	4.1045	4.0902
Sb-116	0.6089	0.5529	0.5503	0.5209	3.5127	2.9838	3.6523	3.2442
Sb-116m	1.6580	1.5297	1.4984	1.4625	9.5891	8.4845	9.6744	9.6710
Sb-117	0.8832	0.8623	0.8542	0.8352	4.8340	4.9558	5.2683	4.8254
Sb-118	0.1758	0.1720	0.1676	0.1647	0.9484	0.9530	1.0455	0.9660
Sb-118m	2.0669	1.9688	1.9316	1.9496	11.7623	10.7585	12.3480	11.1916
Sb-119	0.7627	0.7507	0.7274	0.7272	3.9893	4.1193	4.4086	4.1189
Sb-120	0.3730	0.3677	0.3573	0.3536	1.9974	2.0399	2.2180	2.0531
Sb-120m	1.6379	1.5298	1.5120	1.5029	9.3755	8.3750	9.7652	9.1697
Sb-122m	0.7962	0.7737	0.7809	0.7733	4.2375	4.2472	4.6628	4.2274
Sb-122	0.2025	0.1688	0.1537	0.1419	1.2913	1.1291	1.0719	1.4078
Sb-124	0.4896	0.3970	0.3729	0.3657	3.0829	2.6308	2.6978	3.2130
Sb-124m	0.2033	0.1640	0.1542	0.1505	1.2007	1.0450	0.9326	1.3206
Sb-124n	0.0222	0.0167	0.0219	0.0304	0.0105	0.0166	0.0027	0.0082
Sb-125	0.6845	0.6490	0.6632	0.6372	3.9066	3.8054	3.9754	4.0822
Sb-126	1.0918	0.8836	0.8655	0.8035	6.7654	5.7308	4.9664	7.6321
Sb-126m	0.6555	0.5399	0.5297	0.5009	4.0669	3.5009	3.0917	4.6211
Sb-127	0.3343	0.2841	0.2781	0.2604	2.0679	1.8104	1.6991	2.2769
Sb-128	1.2100	0.9688	0.9464	0.8739	7.4599	6.2232	5.2484	8.2053
Sb-128m	0.7892	0.6319	0.6286	0.5909	4.7967	3.9793	3.1647	5.2430
Sb-129	0.4261	0.3516	0.3492	0.3257	2.6179	2.0909	2.2023	2.7497
Sb-130m	0.9230	0.7648	0.7881	0.7076	5.5612	4.4889	4.5161	5.9822
Sb-130	1.3177	1.1100	1.1267	1.0586	7.9856	6.7096	6.4350	8.4749
Sb-131	0.5360	0.4492	0.4390	0.4339	3.2836	2.5705	2.8474	3.2186
Sb-133	0.5571	0.4728	0.4606	0.4589	3.4315	2.6222	3.2939	3.2200
Sc-42m	0.7492	0.6473	0.6321	0.6134	4.7108	3.7605	5.0920	4.3741
Sc-43	0.0590	0.0535	0.0544	0.0601	0.3417	0.3039	0.2925	0.3651
Sc-44	0.2445	0.2051	0.2069	0.1909	1.4802	0.9699	1.4410	1.1539
Sc-44m	0.2388	0.2237	0.2151	0.2557	1.4381	1.3094	1.2531	1.2658
Sc-46	0.5042	0.4204	0.4186	0.3957	3.0509	2.1406	2.6755	2.8257
Sc-47	0.1455	0.1362	0.1455	0.1357	0.8659	0.8870	0.8800	0.7693
Sc-48	0.7694	0.6584	0.6400	0.6385	4.6743	3.2079	4.5674	3.8800

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sc-49	0.0002	0.0001	0.0001	0.0001	0.0011	0.0009	0.0012	0.0010
Sc-50	0.7485	0.6392	0.5921	0.5944	4.7235	3.7782	5.0628	4.4044
Se-70	0.7760	0.6750	0.7501	0.8666	1.7939	1.7955	1.5685	1.8270
Se-71	0.2513	0.2187	0.2306	0.2195	1.4101	1.1992	1.2884	1.4044
Se-72	0.7134	0.6324	0.6976	0.8038	1.6806	1.7393	1.5840	1.6953
Se-73	0.5315	0.4710	0.4892	0.5481	2.2632	2.0408	1.9820	2.2299
Se-73m	0.1231	0.1092	0.1164	0.1280	0.2559	0.2501	0.2158	0.2589
Se-75	0.7535	0.6718	0.7286	0.8390	2.5694	2.4882	2.2132	2.6800
Se-77m	0.2819	0.2597	0.2754	0.2791	0.7631	0.8090	0.7317	0.7057
Se-79m	0.3151	0.2861	0.3005	0.3210	0.2695	0.3174	0.1503	0.3519
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0049	0.0043	0.0041	0.0045	0.0299	0.0263	0.0237	0.0290
Se-81m	0.3220	0.2924	0.3061	0.3283	0.3147	0.3580	0.1679	0.4412
Se-83m	0.2550	0.2181	0.2123	0.2194	1.5639	1.2040	1.3743	1.4825
Se-83	0.8337	0.7188	0.7065	0.6950	5.1997	4.3368	4.5972	5.2753
Se-84	0.2448	0.2305	0.2344	0.2376	1.5544	1.3979	1.5216	1.7767
Si-31	0.0002	0.0001	0.0001	0.0001	0.0010	0.0006	0.0010	0.0007
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	0.6219	0.5690	0.5683	0.6004	3.6353	3.3171	3.2945	3.6415
Sm-140	0.7581	0.7254	0.7552	0.7806	4.2034	4.0325	4.3552	4.3346
Sm-141	0.6273	0.5896	0.6049	0.6168	3.6725	3.3793	3.7630	3.8559
Sm-141m	1.2002	1.1098	1.1454	1.1517	6.9641	6.3876	6.9698	7.2409
Sm-142	0.6372	0.6194	0.6480	0.6723	3.4643	3.4097	3.6639	3.6124
Sm-143	0.3866	0.3747	0.3913	0.4060	2.1088	2.0605	2.2289	2.1869
Sm-143m	0.2942	0.2383	0.2472	0.2175	1.7465	1.4816	1.2749	2.0376
Sm-145	1.2417	1.2073	1.2611	1.3092	6.7606	6.6455	7.1493	7.0371
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0008	0.0006	0.0007	0.0009	0.0015	0.0018	0.0013	0.0015
Sm-153	0.5398	0.5162	0.5271	0.5661	2.9423	2.8528	2.9179	3.2894
Sm-155	0.3003	0.2799	0.2779	0.3048	1.7559	1.6613	1.4473	2.3619
Sm-156	0.3230	0.2976	0.3155	0.3411	1.6118	1.5853	1.6303	1.6673
Sm-157	0.4474	0.4238	0.4403	0.4548	2.6048	2.4539	2.7325	2.6587
Sn-106	1.0871	1.0349	1.0007	0.9991	6.1781	5.9211	6.1951	6.4062
Sn-108	1.1286	1.0863	1.0487	1.0667	6.3631	6.2774	6.3687	6.6826
Sn-109	1.0031	0.9349	0.8952	0.8956	5.7016	5.2132	5.9218	5.5875
Sn-110	0.8572	0.8332	0.7884	0.8261	4.7395	4.7348	4.7200	4.6838
Sn-111	0.4611	0.4524	0.4303	0.4264	2.4674	2.5239	2.6606	2.5393
Sn-113	0.6057	0.6010	0.5698	0.5662	3.2019	3.3441	3.4835	3.3150
Sn-113m	0.4311	0.4244	0.4128	0.4113	2.2708	2.3372	2.5183	2.3409
Sn-117m	0.7615	0.7411	0.7382	0.7219	4.1617	4.2715	4.5183	4.1287
Sn-119m	0.5003	0.4897	0.4741	0.4802	2.5473	2.6420	2.8025	2.6337

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1620	0.1569	0.1617	0.1626	0.8156	0.8350	0.8948	0.8337
Sn-123	0.0016	0.0014	0.0013	0.0013	0.0097	0.0064	0.0093	0.0079
Sn-123m	0.2764	0.2636	0.2758	0.2614	1.5920	1.6287	1.6667	1.4850
Sn-125m	0.2583	0.2268	0.2122	0.2458	1.5804	1.3655	1.0995	1.4907
Sn-125	0.0841	0.0711	0.0707	0.0687	0.5133	0.3764	0.4549	0.4803
Sn-126	0.4434	0.4214	0.4273	0.4276	2.3108	2.3337	2.4384	2.4373
Sn-127m	0.2413	0.2136	0.1943	0.1765	1.5997	1.3979	1.6028	1.7158
Sn-127	0.5593	0.4856	0.4780	0.4676	3.4141	2.7111	3.1590	3.3155
Sn-128	1.6144	1.5573	1.5609	1.5029	9.0343	8.9646	9.6699	9.3041
Sn-129	0.3282	0.2596	0.2455	0.2339	2.0343	1.6823	1.4991	2.1517
Sn-130	0.9712	0.8992	0.9193	0.8780	5.6040	5.3150	5.5564	5.8489
Sn-130m	0.6549	0.6021	0.6055	0.5828	3.7596	3.4813	3.7097	3.8737
Sr-79	0.6310	0.6201	0.6083	0.5845	2.6475	2.5675	2.5553	3.0803
Sr-80	0.6335	0.6188	0.5841	0.5023	1.6420	1.5922	1.4930	2.0487
Sr-81	0.4148	0.3884	0.3905	0.3598	2.0451	1.9214	1.9644	2.1640
Sr-82	0.5085	0.5195	0.4904	0.4060	0.6507	0.7205	0.6817	1.0162
Sr-83	0.8934	0.8769	0.8406	0.7148	2.1212	2.0121	1.9417	2.7488
Sr-85	0.7473	0.7288	0.6771	0.5708	2.1880	2.0693	2.1392	2.7012
Sr-85m	0.3272	0.3199	0.3207	0.3343	1.5576	1.5143	1.6025	1.5199
Sr-87m	0.2911	0.2774	0.2827	0.2823	1.4497	1.3364	1.4102	1.7293
Sr-89	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001	0.0001	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	0.2093	0.1720	0.1666	0.1620	1.2735	0.9667	1.0273	1.2801
Sr-92	0.2597	0.2180	0.2151	0.2039	1.6095	1.2110	1.7802	1.3474
Sr-93	0.7431	0.6287	0.6199	0.5929	4.3463	3.6434	3.8097	4.6210
Sr-94	0.2699	0.2246	0.2168	0.2117	1.6781	1.3115	1.8927	1.4661
Ta-170	0.3348	0.2842	0.3062	0.3611	1.3486	1.1953	1.1341	1.4458
Ta-172	0.7156	0.6147	0.6499	0.7238	3.3430	2.8347	3.1726	3.1489
Ta-173	0.6049	0.5144	0.5691	0.6655	2.1845	2.0187	2.0663	2.0021
Ta-174	0.5697	0.4939	0.5398	0.6204	2.3609	2.1445	2.3220	2.2322
Ta-175	0.7462	0.6471	0.6859	0.7766	3.3651	2.9771	3.2424	3.1547
Ta-176	0.7744	0.6544	0.6864	0.7631	3.6151	3.0205	3.6377	3.3083
Ta-177	0.2730	0.2336	0.2589	0.3131	0.8910	0.8369	0.8159	0.8325
Ta-178	0.2958	0.2506	0.2791	0.3387	0.9380	0.8749	0.8679	0.8515
Ta-178m	1.3629	1.2026	1.2471	1.4158	6.7846	6.1879	5.9435	6.8727
Ta-179	0.1732	0.1432	0.1660	0.2094	0.4106	0.4012	0.3692	0.3544
Ta-180	0.2423	0.2055	0.2296	0.2807	0.7425	0.7033	0.6776	0.6807
Ta-182	0.6185	0.5293	0.5641	0.6036	2.9197	2.3469	2.8162	2.5969
Ta-182m	0.7354	0.6298	0.7170	0.8426	2.4683	2.4465	2.3676	2.2789
Ta-183	0.7310	0.6328	0.6949	0.8378	2.6428	2.5317	2.3879	2.5618
Ta-184	1.0390	0.9123	0.9448	1.0419	5.3238	4.6684	4.7027	5.5241
Ta-185	0.3975	0.3405	0.3861	0.4551	1.3244	1.3094	1.2959	1.2327

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ta-186	0.8713	0.7546	0.7703	0.7898	4.9108	4.3771	4.3051	5.2359
Tb-146	0.6875	0.6062	0.5703	0.6233	4.1172	3.4593	4.7690	3.8963
Tb-147m	0.6193	0.5617	0.5693	0.5914	3.4876	3.0759	3.7939	3.3233
Tb-147	0.9149	0.8205	0.8349	0.8432	5.2099	4.4653	4.9944	5.1543
Tb-148m	1.4317	1.2326	1.2511	1.2171	8.4391	7.3062	7.0603	9.3280
Tb-148	0.6843	0.5909	0.6009	0.5825	3.9874	3.4366	3.5387	4.2998
Tb-149m	0.7951	0.6932	0.7189	0.6988	4.4610	4.0039	3.8196	4.9258
Tb-149	0.9003	0.8208	0.8377	0.8669	5.0818	4.6301	4.8282	5.2348
Tb-150m	1.4885	1.2876	1.2605	1.2545	8.8451	7.9111	7.4472	9.5999
Tb-150	0.8756	0.7740	0.7614	0.7922	5.0472	4.5053	4.7485	5.2712
Tb-151	1.2770	1.1874	1.2008	1.2775	7.1485	6.7038	6.8499	7.5009
Tb-151m	0.2932	0.2457	0.2832	0.3478	0.7996	0.8113	0.7177	0.7868
Tb-152m	1.0625	0.9835	0.9985	1.0879	5.7535	5.3824	5.4322	5.7302
Tb-152	0.8339	0.7629	0.7652	0.8197	4.7203	4.2609	4.4139	4.7516
Tb-153	0.9440	0.8898	0.9229	0.9916	4.9775	4.7914	5.0277	5.1828
Tb-154	1.0229	0.9366	0.9631	1.0024	5.6979	5.1034	5.6024	5.8286
Tb-155	0.9337	0.8804	0.9139	0.9814	4.9085	4.7706	4.9116	5.2430
Tb-156	1.3884	1.2683	1.2909	1.3365	7.7593	6.9783	7.7239	7.7749
Tb-156m	0.1333	0.1258	0.1273	0.1316	0.6997	0.6582	0.6587	0.6020
Tb-156n	0.0973	0.0794	0.0959	0.1228	0.2011	0.2141	0.1821	0.2002
Tb-157	0.1229	0.1062	0.1216	0.1478	0.3777	0.3851	0.3719	0.3835
Tb-158	0.8389	0.7687	0.7963	0.8488	4.3704	3.9627	4.3026	4.4174
Tb-160	0.4915	0.4256	0.4329	0.4530	2.7150	2.1939	2.4117	2.5729
Tb-161	0.4345	0.4039	0.4211	0.4559	1.9399	1.9543	2.0554	1.9285
Tb-162	0.6275	0.5529	0.5659	0.5890	3.5757	3.1219	3.1143	3.5804
Tb-163	0.5035	0.4513	0.4389	0.4565	3.0846	2.7448	2.7211	3.2610
Tb-164	1.0153	0.8625	0.8745	0.8689	5.8616	5.0458	5.0531	6.0011
Tb-165	0.2312	0.1934	0.1989	0.2006	1.2514	0.9933	1.2787	1.1186
Tc-101	0.2652	0.2328	0.2147	0.2505	1.6198	1.4160	1.1183	1.4992
Tc-102m	0.6423	0.5495	0.5214	0.5087	4.0842	3.3997	3.8140	4.1534
Tc-102	0.0288	0.0251	0.0237	0.0223	0.1858	0.1571	0.1723	0.1975
Tc-104	0.6150	0.5371	0.5137	0.5389	3.8370	3.2473	3.5153	3.8879
Tc-105	0.5294	0.4838	0.4705	0.4759	3.0655	2.8948	2.7495	3.2646
Tc-91	0.2799	0.2456	0.2332	0.2501	1.6761	1.4240	1.7638	1.7212
Tc-91m	0.1816	0.1595	0.1481	0.1362	1.1518	1.0073	1.1538	1.2433
Tc-92	1.1010	0.9518	0.9519	0.9533	6.4975	5.7764	6.0682	6.8631
Tc-93	0.7562	0.6884	0.7073	0.7089	3.8717	3.7253	4.4241	4.5162
Tc-93m	0.4320	0.4078	0.4063	0.4274	2.3445	2.2687	2.4242	2.8119
Tc-94	1.3089	1.1178	1.1498	1.0842	7.1803	6.3762	6.1599	8.6710
Tc-94m	0.4693	0.4069	0.4160	0.4033	2.5917	2.2371	2.3860	3.0067
Tc-95	0.8128	0.7261	0.7637	0.7347	4.0844	4.0408	3.9041	5.3866
Tc-95m	0.8792	0.8084	0.8421	0.8382	4.5201	4.5348	4.6435	5.6636
Tc-96	1.3318	1.1372	1.1947	1.0981	7.2195	6.4596	6.1755	8.9357

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-96m	0.2908	0.2796	0.2784	0.2798	1.3489	1.4947	1.4121	1.7187
Tc-97	0.5293	0.5026	0.5298	0.5383	2.4013	2.6508	2.7212	3.3691
Tc-97m	0.3961	0.3845	0.3805	0.3829	1.8294	2.0618	1.9348	2.3473
Tc-98	0.5126	0.3922	0.3846	0.3371	3.1535	2.6368	2.0299	3.6490
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	0.2218	0.2112	0.2277	0.2170	1.2494	1.2639	1.2317	1.4705
Te-113	0.3432	0.2974	0.2970	0.2856	2.0601	1.6761	1.9407	2.0067
Te-114	1.1740	1.1127	1.1219	1.0993	6.5062	6.2954	6.8471	6.6123
Te-115	0.6131	0.5455	0.5428	0.5225	3.6051	3.1072	3.5567	3.4793
Te-115m	0.7300	0.6452	0.6463	0.6154	4.2860	3.7080	4.1511	4.2782
Te-116	1.0903	1.0641	1.0694	1.0480	5.9097	5.9922	6.3525	6.2260
Te-117	0.7731	0.7089	0.7084	0.6834	4.3900	4.1006	4.3129	4.5652
Te-118	0.6251	0.6162	0.6205	0.6045	3.3509	3.4306	3.7105	3.4264
Te-119	0.8874	0.8193	0.8103	0.7833	4.9825	4.8208	4.8199	5.2282
Te-119m	1.1454	1.0799	1.0956	1.0596	6.4881	6.0205	6.7421	6.1683
Te-121	0.8918	0.8406	0.8244	0.7928	5.0606	4.9376	5.1590	5.2936
Te-121m	0.6637	0.6470	0.6714	0.6705	3.6578	3.6554	4.0072	3.6503
Te-123	0.0203	0.0155	0.0200	0.0274	0.0148	0.0202	0.0087	0.0129
Te-123m	0.6173	0.5961	0.6279	0.6021	3.3668	3.4454	3.6131	3.2787
Te-125m	1.0855	1.0666	1.1155	1.0727	5.8226	5.9400	6.4037	5.9086
Te-127	0.0039	0.0037	0.0038	0.0038	0.0240	0.0222	0.0239	0.0261
Te-127m	0.3398	0.3316	0.3482	0.3387	1.7716	1.8116	1.9467	1.7948
Te-129	0.1910	0.1814	0.1895	0.1902	0.9678	0.9667	1.0336	0.9909
Te-129m	0.2591	0.2513	0.2625	0.2537	1.3725	1.3909	1.4802	1.4015
Te-131	0.3691	0.3442	0.3590	0.3394	2.1852	2.0704	2.1812	2.2129
Te-131m	0.7215	0.6323	0.6552	0.6102	4.2441	3.7010	3.7438	4.4894
Te-132	0.8990	0.8815	0.9300	0.9160	5.0418	5.0365	5.4222	4.9744
Te-133	0.4422	0.3834	0.3730	0.3909	2.7184	2.2640	2.2342	2.6510
Te-133m	0.7894	0.6925	0.6953	0.6788	4.6922	4.0039	4.2169	4.7773
Te-134	0.7554	0.6890	0.7146	0.6796	4.4598	4.1688	4.2937	4.6166
Th-223	0.4776	0.4407	0.4639	0.4662	1.4353	1.4637	1.4080	1.9787
Th-224	0.0565	0.0528	0.0562	0.0562	0.2264	0.2293	0.2397	0.2620
Th-226	0.0847	0.0789	0.0841	0.0857	0.2347	0.2461	0.2474	0.3482
Th-227	0.6957	0.6495	0.6818	0.7013	2.0080	2.0637	2.0712	2.5776
Th-228	0.0970	0.0903	0.0970	0.0978	0.2291	0.2486	0.2617	0.3416
Th-229	0.9907	0.9178	0.9775	0.9891	2.6239	2.7519	2.7473	3.6506
Th-230	1.1183	1.1373	1.0217	0.9843	1.1680	1.1690	1.1924	1.0788
Th-231	0.8462	0.7993	0.8336	0.8360	2.4356	2.6276	2.6988	3.2552
Th-232	4.2539	4.1324	4.2448	4.0763	4.4062	4.3598	4.1687	4.1849
Th-233	0.1757	0.1580	0.1727	0.1840	0.5244	0.5461	0.5318	0.6565
Th-234	0.1226	0.1146	0.1194	0.1209	0.3600	0.3756	0.3749	0.4981
Th-235	0.0317	0.0273	0.0275	0.0266	0.1682	0.1488	0.1376	0.2012
Th-236	0.0993	0.0919	0.0951	0.0965	0.3451	0.3464	0.3224	0.4790

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-44	0.3612	0.3160	0.3484	0.3312	1.9262	1.8028	2.2514	1.5846
Ti-45	0.0075	0.0057	0.0072	0.0097	0.0083	0.0091	0.0055	0.0077
Ti-51	0.2493	0.2135	0.1953	0.2324	1.5285	1.2827	0.9579	1.3898
Ti-52	0.3466	0.3202	0.3646	0.3733	1.6749	1.6701	1.6854	2.4508
Ti-190	0.4262	0.3787	0.3885	0.3955	2.1611	1.9154	2.0458	2.2998
Ti-190m	1.0560	0.8950	0.8964	0.8881	5.7429	4.9752	4.7481	6.1604
Ti-194	0.4887	0.4307	0.4456	0.4582	2.2108	1.9964	2.0854	2.3174
Ti-194m	1.4698	1.2496	1.2685	1.2676	7.2664	6.4400	5.9901	7.9720
Ti-195	0.8420	0.7315	0.7776	0.8258	2.9587	2.6515	2.8476	2.8385
Ti-196	0.7836	0.6865	0.7068	0.7264	3.7921	3.3497	3.7510	3.8400
Ti-197	0.5748	0.5037	0.5391	0.5631	2.0198	1.8751	2.0171	1.9386
Ti-198	0.8601	0.7539	0.7834	0.8031	4.1026	3.5773	4.0632	4.0889
Ti-198m	1.0775	0.9362	0.9547	0.9960	4.6329	4.2215	3.9926	4.8381
Ti-199	0.5638	0.5017	0.5386	0.5728	1.8905	1.8121	1.9421	1.7764
Ti-200	0.7943	0.6915	0.7198	0.7410	3.6232	3.1113	3.3462	3.5024
Ti-201	0.5106	0.4492	0.4945	0.5297	1.3207	1.3178	1.3847	1.2135
Ti-202	0.5702	0.5103	0.5355	0.5533	2.3396	2.1715	2.3711	2.4261
Ti-204	0.0087	0.0076	0.0084	0.0091	0.0199	0.0199	0.0208	0.0181
Ti-206m	1.3539	1.2086	1.1909	1.2349	7.5707	6.5912	6.8858	7.5680
Ti-206	0.0004	0.0004	0.0004	0.0004	0.0011	0.0011	0.0011	0.0011
Ti-207	0.0007	0.0006	0.0006	0.0006	0.0042	0.0031	0.0034	0.0043
Ti-208	0.6199	0.5429	0.4785	0.5266	3.7732	3.1643	3.3145	3.9930
Ti-209	0.7717	0.6874	0.6647	0.6837	4.4910	4.0026	4.7993	4.9835
Ti-210	0.9608	0.8218	0.8291	0.8138	4.9553	4.0523	3.9937	5.0118
Tm-161	1.0887	0.9791	1.0317	1.1331	5.2301	4.9034	5.1634	5.0675
Tm-162	0.5483	0.4730	0.4886	0.5250	2.8179	2.4066	2.6200	2.8346
Tm-163	0.8476	0.7483	0.7749	0.8407	4.2372	3.7631	4.0606	4.0420
Tm-164	0.2523	0.2205	0.2355	0.2621	1.1236	1.0188	1.0690	1.0657
Tm-165	0.6977	0.6293	0.6518	0.7236	3.4629	3.2032	3.1889	3.2994
Tm-166	0.8241	0.6995	0.7497	0.7691	4.1638	3.5989	3.7539	4.0366
Tm-167	0.4428	0.3959	0.4327	0.4963	1.8104	1.7543	1.7926	1.6820
Tm-168	0.8888	0.7626	0.8140	0.8341	4.5170	4.0477	3.9686	4.7401
Tm-170	0.0246	0.0199	0.0237	0.0292	0.0624	0.0625	0.0574	0.0574
Tm-171	0.0033	0.0028	0.0031	0.0038	0.0098	0.0094	0.0090	0.0083
Tm-172	0.1764	0.1466	0.1570	0.1772	0.7747	0.6543	0.8467	0.6697
Tm-173	0.2573	0.2405	0.2493	0.2603	1.5307	1.3841	1.4917	1.7265
Tm-174	1.0731	0.9605	0.9685	1.0789	5.8952	5.0967	5.3546	5.4948
Tm-175	0.4552	0.3898	0.3763	0.3740	2.6931	2.2418	2.4135	2.7784
Tm-176	0.7613	0.6684	0.6845	0.7438	4.0797	3.4380	3.9144	3.8417
U-227	0.4906	0.4595	0.4750	0.4888	1.6887	1.7087	1.6559	2.2005
U-228	0.1061	0.0990	0.1059	0.1073	0.3014	0.3246	0.3370	0.4455
U-230	0.1240	0.1161	0.1243	0.1252	0.3276	0.3578	0.3775	0.4881
U-231	1.3547	1.2787	1.3222	1.3208	4.0196	4.2544	4.1861	5.6268

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-232	0.1187	0.1113	0.1189	0.1196	0.3045	0.3336	0.3504	0.4586
U-233	0.0614	0.0576	0.0611	0.0615	0.1473	0.1617	0.1664	0.2185
U-234	1.0687	1.0974	0.9711	0.9281	1.0998	1.1417	1.0404	0.9897
U-235	2.7196	2.7117	2.5667	2.6750	2.8346	2.7766	2.6832	2.6117
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0985	0.0924	0.0987	0.0991	0.2497	0.2740	0.2873	0.3767
U-237	0.8959	0.8388	0.8666	0.8967	3.2118	3.3111	3.1926	4.2943
U-238	1.1123	1.1207	1.0090	1.0998	1.1552	1.1621	1.1636	1.0439
U-239	0.2544	0.2356	0.2494	0.2407	1.0728	1.0780	1.2127	1.1506
U-240	0.3030	0.2839	0.2985	0.3056	0.8657	0.9509	0.9350	1.2087
U-242	0.0675	0.0621	0.0619	0.0620	0.3252	0.3081	0.3193	0.3501
V-47	0.0036	0.0029	0.0034	0.0041	0.0113	0.0105	0.0114	0.0102
V-48	0.5481	0.4614	0.4596	0.4582	3.1872	2.2044	3.1119	2.6572
V-49	0.0548	0.0411	0.0541	0.0751	0.0255	0.0406	0.0063	0.0199
V-50	0.3258	0.2695	0.2627	0.2947	1.7647	1.5169	2.0703	1.6957
V-52	0.2630	0.2204	0.2114	0.2098	1.6367	1.2780	1.9262	1.3921
V-53	0.2614	0.2280	0.2144	0.2301	1.5776	1.0686	1.5054	1.3281
W-177	1.0060	0.8661	0.9367	1.0755	4.1583	3.7342	3.7272	4.3089
W-178	0.1583	0.1275	0.1531	0.1982	0.2717	0.2799	0.2322	0.2349
W-179	0.5060	0.4436	0.5079	0.5800	1.6925	1.6884	1.7052	1.5864
W-179m	0.2305	0.1958	0.2205	0.2706	0.6859	0.6554	0.6637	0.6120
W-181	0.2321	0.1949	0.2212	0.2740	0.6338	0.6050	0.5937	0.5525
W-185m	0.3354	0.2644	0.3290	0.4321	0.3936	0.4531	0.2993	0.3675
W-185	0.0002	0.0002	0.0002	0.0002	0.0006	0.0006	0.0006	0.0006
W-187	0.2908	0.2434	0.2476	0.2511	1.5267	1.3461	1.2957	1.6381
W-188	0.0030	0.0026	0.0027	0.0033	0.0128	0.0119	0.0112	0.0115
W-190	0.4976	0.4307	0.4776	0.5527	1.7391	1.6921	1.7207	1.5444
Xe-120	1.3967	1.3501	1.4078	1.3490	7.6625	7.6490	8.1652	7.8091
Xe-121	0.7401	0.7053	0.7333	0.7201	4.2017	4.0191	4.3606	4.2400
Xe-122	0.7375	0.7223	0.7722	0.7348	4.0123	4.0619	4.3474	4.0451
Xe-123	0.8733	0.8434	0.9001	0.8569	4.8499	4.8206	5.1528	4.8382
Xe-125	1.1676	1.1418	1.2145	1.1715	6.4750	6.5026	7.0250	6.4408
Xe-127	1.0462	1.0205	1.0901	1.0505	5.8318	5.8490	6.3369	5.8491
Xe-127m	0.6912	0.6711	0.7391	0.7000	3.8459	3.8415	4.0444	4.1193
Xe-129m	1.2401	1.2160	1.3280	1.2575	6.7258	6.8160	7.3333	6.7660
Xe-131m	0.5168	0.5051	0.5546	0.5250	2.7627	2.8083	3.0124	2.7684
Xe-133	0.5356	0.5163	0.5788	0.5353	2.9383	2.9542	3.2283	2.8852
Xe-133m	0.5433	0.5320	0.5814	0.5532	2.9393	2.9773	3.1982	2.9351
Xe-135	0.2949	0.2878	0.2869	0.3232	1.7860	1.7076	1.7723	1.6209
Xe-135m	0.3168	0.2871	0.2812	0.2578	1.9493	1.7997	1.9029	2.0699
Xe-137	0.0862	0.0782	0.0753	0.0722	0.5580	0.4916	0.5492	0.6121
Xe-138	0.3850	0.3472	0.3643	0.3855	2.1831	1.9711	2.1462	2.1274
Y-81	0.5381	0.5145	0.5415	0.5050	1.9342	1.9134	2.0480	2.6574

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Y-83	0.6643	0.6390	0.6594	0.6088	2.5604	2.4831	2.7396	3.1333
Y-83m	0.3907	0.3737	0.3786	0.3900	1.8187	1.7534	1.8819	2.1010
Y-84m	0.8813	0.7335	0.7269	0.6843	5.1773	3.9343	4.3698	5.3062
Y-85	0.3528	0.3278	0.3173	0.2858	1.5405	1.4093	1.5722	1.8827
Y-85m	0.4149	0.3867	0.3907	0.3684	1.6783	1.5328	1.7151	1.9746
Y-86	1.1744	1.0334	1.0329	0.9707	5.8144	4.7700	5.3459	6.2103
Y-86m	0.2509	0.2402	0.2539	0.2650	1.4052	1.3551	1.5499	1.4349
Y-87	0.7541	0.7216	0.7157	0.6478	2.6520	2.5712	2.8711	3.5468
Y-87m	0.3005	0.2820	0.2919	0.2979	1.5338	1.4271	1.4987	1.8646
Y-88	1.0558	0.9625	0.9861	0.9208	4.4271	3.8853	4.5269	5.1390
Y-89m	0.2624	0.2183	0.2165	0.2081	1.5664	1.1499	1.2914	1.5983
Y-90	0.0001	0.0001	0.0001	0.0001	0.0003	0.0003	0.0003	0.0004
Y-90m	0.4863	0.4534	0.4557	0.4447	2.9099	2.7055	3.0828	3.1646
Y-91	0.0006	0.0005	0.0005	0.0004	0.0037	0.0024	0.0036	0.0028
Y-91m	0.2573	0.2169	0.1990	0.1830	1.5879	1.3977	1.3647	1.7888
Y-92	0.0681	0.0575	0.0558	0.0544	0.4184	0.3185	0.3844	0.4099
Y-93	0.0354	0.0320	0.0315	0.0346	0.2164	0.1876	0.1981	0.2008
Y-94	0.2019	0.1696	0.1658	0.1623	1.2280	0.9147	1.0677	1.2158
Y-95	0.1565	0.1360	0.1292	0.1384	0.9686	0.7605	1.0059	0.9434
Yb-162	0.4563	0.4022	0.4379	0.4819	2.0151	1.9323	1.8153	2.0445
Yb-163	0.3910	0.3297	0.3613	0.4154	1.5181	1.3556	1.3560	1.4199
Yb-164	0.2117	0.1845	0.2021	0.2358	0.7656	0.7293	0.6969	0.6580
Yb-165	0.6260	0.5249	0.6019	0.7089	2.0038	1.9111	1.8988	1.7117
Yb-166	0.3805	0.3291	0.3642	0.4213	1.3673	1.3070	1.2695	1.1566
Yb-167	0.8092	0.7009	0.7747	0.9060	3.0640	2.9287	2.6087	3.2938
Yb-169	0.8621	0.7635	0.8249	0.9440	3.5974	3.4013	3.3557	3.3937
Yb-175	0.0384	0.0351	0.0364	0.0405	0.2061	0.1882	0.1854	0.2215
Yb-177	0.1235	0.1095	0.1173	0.1206	0.6313	0.5553	0.6036	0.5908
Yb-178	0.0325	0.0294	0.0304	0.0338	0.1761	0.1590	0.1551	0.1868
Yb-179	0.4741	0.3905	0.3690	0.3687	2.8567	2.4869	2.1963	3.0849
Zn-60	0.2828	0.2323	0.2240	0.2307	1.6507	1.4202	1.2032	1.7414
Zn-61	0.1177	0.1021	0.0976	0.0993	0.7322	0.6152	0.7507	0.7383
Zn-62	0.5681	0.4902	0.5281	0.6080	2.3257	2.2251	2.1616	2.4526
Zn-63	0.0568	0.0453	0.0468	0.0514	0.2710	0.2170	0.2110	0.2761
Zn-65	0.3098	0.2447	0.2870	0.3549	0.8413	0.6347	0.7496	0.6699
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	0.2367	0.2165	0.2148	0.2145	1.4671	1.3123	1.4335	1.6497
Zn-71	0.1268	0.1101	0.1031	0.0958	0.8188	0.6910	0.7559	0.8847
Zn-71m	0.7244	0.6283	0.5983	0.5828	4.6275	4.0299	4.0154	5.0797
Zn-72	0.5154	0.4366	0.5209	0.6064	1.6116	1.6786	1.5785	1.8649
Zr-85	0.2634	0.2398	0.2407	0.2334	1.5315	1.3563	1.5239	1.7346
Zr-86	1.4593	1.4026	1.4888	1.4686	5.8930	6.0252	6.7589	7.7399
Zr-87	0.1179	0.1102	0.1183	0.1127	0.4278	0.4159	0.5001	0.6089

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zr-88	0.7925	0.7533	0.8026	0.7878	3.2540	3.2175	3.6223	4.5470
Zr-89	0.6916	0.6273	0.6587	0.6326	2.9457	2.6123	3.0067	3.8112
Zr-89m	0.2856	0.2363	0.2227	0.2125	1.6893	1.4926	1.4083	1.9317
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	0.2524	0.1933	0.1986	0.1647	1.5385	1.2629	1.0010	1.8278
Zr-97	0.3075	0.2424	0.2472	0.2135	1.8673	1.5411	1.3376	2.1625

Table 15: Composite 2 – Infinite Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.3790	0.3696	0.8937	0.7827
Ac-224	3.1248	2.9813	4.7863	4.5222
Ac-225	0.5911	0.6107	1.4385	1.2359
Ac-226	1.5164	1.4445	2.0236	1.9784
Ac-227	0.1288	0.1301	0.3894	0.3273
Ac-228	2.7047	2.3309	3.9833	3.1362
Ac-230	1.2419	1.0224	1.8170	1.6251
Ac-231	3.2059	3.0042	3.5874	3.6399
Ac-232	1.9998	1.5733	2.7619	2.2514
Ac-233	1.4639	0.7262	0.7275	1.8330
Ag-100m	2.9641	1.9624	2.3967	1.7696
Ag-101	2.8119	2.2316	2.3980	2.9249
Ag-102m	2.0906	1.4221	1.9032	2.0349
Ag-102	4.7019	3.1591	3.8615	3.8952
Ag-103	3.4519	3.1578	3.8030	4.4882
Ag-104	6.4960	4.9124	6.0795	6.3302
Ag-104m	2.6824	1.8666	2.2550	3.1542
Ag-105	4.3565	4.1078	5.0231	5.9493
Ag-105m	0.0333	0.0275	0.1091	0.0937
Ag-106	1.1231	1.0172	1.3980	1.9078
Ag-106m	7.7596	5.7867	6.9243	8.2595
Ag-108	0.0919	0.0779	0.1028	0.1248
Ag-108m	6.0535	4.6423	5.2261	6.5559
Ag-109m	1.1377	1.1818	1.7365	1.9638
Ag-110	0.0746	0.0464	0.0476	0.0467
Ag-110m	4.9583	3.2869	3.9255	2.5108
Ag-111	0.1287	0.1167	0.0919	0.1014
Ag-111m	0.6275	0.6491	0.9855	1.1070
Ag-112	1.1219	0.6650	0.7610	0.6858
Ag-113m	1.0420	0.9239	0.9197	0.9808
Ag-113	0.2877	0.2484	0.2054	0.2059
Ag-114	0.4643	0.2544	0.2440	0.4016
Ag-115	1.0384	0.8014	0.7598	0.9047
Ag-116	2.8306	1.7022	1.9606	2.5128
Ag-117	2.0663	1.6286	1.7177	1.6430
Ag-99	3.2139	2.5257	2.6435	2.6257
Al-26	1.7263	1.1580	1.7275	1.2275
Al-28	1.6993	1.1559	1.7903	1.1736
Al-29	1.4479	1.0077	1.2234	0.7276
Am-237	3.9600	3.8120	5.7652	5.7266
Am-238	3.9299	3.5024	5.9248	5.1802
Am-239	4.7610	4.8003	8.1301	7.7427

Nuclide	avg400	ctr400	mid400	cnr400
Am-240	4.5590	4.1179	7.5560	6.2667
Am-241	0.6828	0.6716	0.9188	0.6354
Am-242	0.9637	1.0137	1.9402	1.8153
Am-242m	0.7437	0.7904	1.6775	1.5402
Am-243	1.4407	1.2929	2.2081	1.7939
Am-244	4.6397	4.3602	7.2683	6.5786
Am-244m	0.4134	0.4306	0.8494	0.7912
Am-245	0.5167	0.5044	0.7702	0.7790
Am-246	6.2357	5.9768	9.7234	9.3691
Am-246m	2.4029	1.9485	3.2168	2.4607
Am-247	1.7677	1.7339	2.5055	2.4887
Ar-37	0.0281	0.0208	0.1208	0.0986
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4210	0.9978	1.2548	0.6649
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.8928	1.2605	1.8126	1.1563
Ar-44	2.7529	2.1167	2.4199	1.8945
As-68	3.6767	2.3799	3.4448	2.0905
As-69	0.5160	0.4115	0.5455	0.5265
As-70	4.7701	3.0737	4.4847	2.9573
As-71	1.7524	1.4981	2.4436	2.2468
As-72	1.5836	1.1517	1.4847	0.9367
As-73	1.1435	0.8868	4.5592	3.7388
As-74	1.2836	0.7095	1.2664	1.3983
As-76	0.9026	0.4744	0.4149	0.7768
As-77	0.0461	0.0356	0.0264	0.0475
As-78	2.0774	1.2875	1.4399	1.2289
As-79	0.0922	0.0683	0.0610	0.0742
At-204	6.4314	4.2732	5.1286	6.3880
At-205	3.2924	2.5168	4.1490	3.5025
At-206	6.6275	4.6985	5.7752	6.3278
At-207	5.1804	3.8987	6.0105	5.0551
At-208	7.7989	5.6725	8.0111	6.6020
At-209	7.2211	5.4575	7.6895	7.2728
At-210	6.3871	4.9807	8.0348	6.3363
At-211	0.7883	0.6903	1.5370	1.2973
At-215	0.0007	0.0006	0.0006	0.0008
At-216	0.0378	0.0325	0.0631	0.0557
At-217	0.0017	0.0013	0.0017	0.0019
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.3806	1.9706	1.7654	2.3597
Au-186	3.3434	2.7334	3.2868	3.2230

Nuclide	avg400	ctr400	mid400	cnr400
Au-187	2.8142	2.1345	4.0307	3.5429
Au-190	4.3030	3.3701	4.5891	3.9828
Au-191	3.3983	2.6248	4.2533	4.2912
Au-192	3.9687	3.1374	4.4714	3.7072
Au-193	2.0311	1.6623	3.2362	2.9742
Au-193m	1.8212	1.5295	2.5630	2.7627
Au-194	3.0981	2.5083	3.7406	3.1153
Au-195	1.7831	1.4806	3.7499	3.2514
Au-195m	1.8365	1.5538	2.6229	2.7776
Au-196	2.8036	2.4097	3.2358	3.0574
Au-196m	3.3476	2.9418	6.1252	5.4741
Au-198	1.4671	1.1418	0.9252	1.4929
Au-198m	4.9931	4.4634	6.1202	6.3234
Au-199	1.0191	0.9166	1.2192	1.0768
Au-200	0.5362	0.4236	0.4351	0.3740
Au-200m	7.0603	5.1696	4.6298	6.5055
Au-201	0.1778	0.1290	0.2748	0.2866
Au-202	0.3483	0.2341	0.2489	0.2966
Ba-124	4.5223	4.3660	5.5299	5.1190
Ba-126	5.1632	4.8238	5.9751	5.7467
Ba-127	2.7393	2.6948	3.4844	3.2226
Ba-128	3.7265	3.7404	4.9162	4.5700
Ba-129	3.4234	3.3927	4.4353	4.1668
Ba-129m	7.6105	6.7232	8.2386	7.8004
Ba-131	6.2235	5.7551	6.9862	7.4385
Ba-131m	2.9271	2.8772	3.7777	3.4913
Ba-133	7.4466	7.2562	9.0141	8.3490
Ba-133m	2.9699	2.9306	4.0902	3.7188
Ba-135m	2.8265	2.8027	3.6639	3.3630
Ba-137m	1.6786	1.1292	1.2087	1.0960
Ba-139	0.5463	0.5248	0.4750	0.4184
Ba-140	1.4229	1.1977	1.7317	1.8900
Ba-141	3.1750	2.6727	2.4662	2.5609
Ba-142	3.3795	2.7608	3.3300	2.8479
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1531	0.0826	0.0520	0.1896
Bi-197	3.7392	2.8028	5.0267	3.7976
Bi-200	7.3892	5.2747	7.1956	7.9640
Bi-201	3.8293	2.8853	5.1249	3.8249
Bi-202	6.8416	4.8408	7.0467	6.1491
Bi-203	4.7829	3.5883	5.8767	4.4394
Bi-204	6.9553	5.1670	7.9052	6.0910
Bi-205	3.6545	2.6575	4.8036	3.8257

Nuclide	avg400	ctr400	mid400	cnr400
Bi-206	8.0747	5.8647	8.1994	7.3114
Bi-207	4.0334	2.6382	4.5880	4.2793
Bi-208	2.5501	1.9561	3.9214	3.0655
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5389	1.3092	1.2266	1.4154
Bi-211	0.2324	0.2068	0.2121	0.2071
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3555	0.2970	0.6453	0.5229
Bi-213	0.4820	0.3424	0.3451	0.5574
Bi-214	2.0702	1.3112	1.7045	1.3192
Bi-215	1.1387	0.9563	1.1593	1.0864
Bi-216	2.2067	1.2805	1.0659	2.3294
Bk-245	3.9117	3.8537	5.9082	5.8947
Bk-246	4.4678	4.2221	6.8797	6.0809
Bk-247	1.7284	1.5588	2.0216	2.0257
Bk-248m	1.0356	1.0305	1.7654	1.7248
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	2.0750	1.5767	2.9143	2.0508
Bk-251	2.1659	2.2140	3.6452	3.3333
Br-72	2.9975	2.1101	2.8092	1.9631
Br-73	1.5405	1.1894	1.5944	1.4535
Br-74	3.3609	2.2437	3.1334	2.2686
Br-74m	4.1553	2.6665	3.4028	2.5500
Br-75	2.1700	1.8529	1.9802	2.1735
Br-76	3.1781	2.0163	3.1788	3.2861
Br-76m	2.6144	2.6488	6.0414	5.2147
Br-77	1.9116	1.5422	3.2757	3.5718
Br-77m	0.8582	0.8846	2.4720	2.3439
Br-78	0.2608	0.1631	0.3043	0.3147
Br-80	0.1689	0.1114	0.2269	0.2227
Br-80m	3.1880	3.2768	6.9631	6.1657
Br-82m	0.7386	0.7762	2.4445	2.2852
Br-82	4.9684	3.1980	3.3688	2.9653
Br-83	0.0191	0.0091	0.0065	0.0221
Br-84m	4.6844	3.3710	4.1544	3.1760
Br-84	1.7484	1.2130	1.6690	1.0105
Br-85	0.1126	0.0812	0.0969	0.0567
C-10	1.5072	1.0114	0.9337	0.6850
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0502	0.0372	0.2157	0.1761
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2689	0.8787	1.0555	0.6676

Nuclide	avg400	ctr400	mid400	cnr400
Ca-49	1.5254	1.0153	1.8068	0.8093
Cd-101	3.9806	3.3588	4.4373	4.2311
Cd-102	4.0131	3.4260	4.3262	5.6858
Cd-103	4.1113	3.5949	5.1237	5.0380
Cd-104	4.0781	3.9418	5.4358	6.0358
Cd-105	3.0152	2.7035	3.7922	3.8751
Cd-107	3.5041	3.6661	5.3270	6.0769
Cd-109	3.2876	3.4396	5.0163	5.7173
Cd-111m	3.2162	2.9824	2.9708	3.8375
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0021	0.0021	0.0029	0.0032
Cd-115	0.7068	0.4343	0.3908	0.8749
Cd-115m	0.0510	0.0337	0.0470	0.0295
Cd-117	2.2400	1.7765	2.0108	1.6764
Cd-117m	2.5118	1.6386	2.1150	1.7109
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.6443	2.0616	2.4137	1.8768
Cd-119m	2.9927	2.0459	2.7123	2.0098
Ce-130	6.3345	6.0791	7.6598	6.8568
Ce-131	5.5518	4.9110	6.1327	5.6502
Ce-132	5.5307	5.4218	6.3525	5.8763
Ce-133	6.6121	6.4642	8.5944	7.6028
Ce-133m	8.4971	7.3758	9.3461	8.8707
Ce-134	3.6242	3.6431	5.0074	4.3211
Ce-135	6.6396	5.9652	7.1123	6.8793
Ce-137	3.8003	3.7892	5.4598	4.7187
Ce-137m	2.9208	2.8931	3.9485	3.3823
Ce-139	4.9626	4.9111	5.9629	5.1787
Ce-141	1.3863	1.3354	1.4541	1.2116
Ce-143	4.0981	3.9286	5.0192	4.2311
Ce-144	0.5540	0.5376	0.6828	0.5710
Ce-145	6.2117	5.6951	7.4283	6.1695
Cf-244	0.2849	0.3040	0.6101	0.5731
Cf-246	0.1958	0.2087	0.4179	0.3933
Cf-247	3.4159	3.5208	6.3320	5.9185
Cf-248	0.2345	0.2498	0.4992	0.4704
Cf-249	1.9910	1.8493	2.3002	2.4753
Cf-250	0.1956	0.2029	0.3952	0.3718
Cf-251	2.4093	2.4273	3.8496	3.7403
Cf-252	0.9463	0.7505	1.0112	0.9303
Cf-253	0.6495	0.6902	1.3265	1.1912
Cf-254	28.1894	20.5445	23.1778	20.9906
Cf-255	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Cl-34	0.0000	0.0000	0.0001	0.0001
Cl-34m	1.5664	1.1397	1.1897	1.0119
Cl-36	0.0004	0.0003	0.0017	0.0014
Cl-38	1.2511	0.8518	1.2791	0.9201
Cl-39	2.2601	1.6725	1.9375	1.4699
Cl-40	3.1162	2.1807	3.4507	1.8573
Cm-238	1.8687	1.8973	3.1445	2.9860
Cm-239	3.5290	3.5187	4.7828	4.7574
Cm-240	0.3096	0.3346	0.7069	0.6380
Cm-241	4.7992	4.4025	7.2902	7.7485
Cm-242	0.2780	0.3005	0.6349	0.5729
Cm-243	2.4124	2.4097	4.1419	3.9619
Cm-244	0.2387	0.2580	0.5454	0.4920
Cm-245	2.4965	2.5511	4.3682	4.0692
Cm-246	0.1963	0.2101	0.4395	0.3966
Cm-247	1.2596	1.0495	0.8823	1.2567
Cm-248	2.3769	1.7957	2.2151	2.0051
Cm-249	0.1471	0.1053	0.4095	0.3527
Cm-250	22.2429	16.2096	18.3529	16.6099
Cm-251	0.5388	0.4209	0.5787	0.7122
Co-54m	4.4549	3.1819	4.0367	2.9796
Co-55	2.0463	1.3503	2.0180	1.4316
Co-56	4.0334	2.8303	4.1895	2.6017
Co-57	1.5238	1.3499	2.7244	2.4831
Co-58	1.7366	1.3318	1.8857	1.2381
Co-58m	0.2023	0.1504	0.8657	0.7075
Co-60	2.9332	2.0094	2.7867	1.4397
Co-60m	0.2422	0.1810	0.9722	0.7921
Co-61	0.9021	0.6961	0.9956	0.8315
Co-62	1.7289	1.1451	1.6226	0.9785
Co-62m	3.0697	2.0203	2.8029	1.7180
Cr-48	2.6744	2.4579	2.3564	2.2933
Cr-49	1.1375	0.9771	0.9010	0.8097
Cr-51	0.2612	0.2249	0.5980	0.4871
Cr-55	0.0007	0.0005	0.0009	0.0004
Cr-56	2.8074	2.6316	3.7116	3.4432
Cs-121	1.6126	1.4423	1.5194	1.5567
Cs-121m	2.9840	2.7182	2.8213	3.0607
Cs-123	3.1352	2.8901	3.5632	3.4772
Cs-124	0.8554	0.7609	0.8290	0.8064
Cs-125	3.0791	2.8051	3.5267	3.6969
Cs-126	1.5513	1.3680	1.5210	1.6379
Cs-127	4.8401	4.6121	5.6318	5.7947

Nuclide	avg400	ctr400	mid400	cnr400
Cs-128	1.5562	1.4088	1.7274	1.8946
Cs-129	5.7482	5.6850	7.2420	7.0171
Cs-130m	4.5934	4.5104	6.1564	5.5102
Cs-130	1.9438	1.9458	2.6106	2.4811
Cs-131	3.2980	3.3726	4.5595	4.2638
Cs-132	4.8221	4.2790	5.4077	5.0530
Cs-134	3.3803	2.1632	1.9577	1.9951
Cs-134m	1.6614	1.6419	2.4872	2.2596
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.1923	2.4563	2.4880	1.4622
Cs-136	4.7886	3.7362	4.2737	2.9291
Cs-137	1.3552	1.2820	1.3716	1.1278
Cs-138m	2.8493	2.6586	3.4207	3.2535
Cs-138	3.1213	2.1133	2.9459	2.2432
Cs-139	0.3121	0.2111	0.2792	0.1891
Cs-140	2.0936	1.2917	1.6459	1.4237
Cu-57	0.1538	0.1004	0.1540	0.0824
Cu-59	0.7461	0.5427	0.6086	0.4840
Cu-60	3.1241	2.1600	3.0409	1.8649
Cu-61	0.6459	0.4716	0.8228	0.7360
Cu-62	0.0149	0.0105	0.0342	0.0259
Cu-64	0.1273	0.0941	0.5242	0.4258
Cu-66	0.1476	0.0910	0.1635	0.0828
Cu-67	0.9630	0.8811	0.8140	0.8904
Cu-69	0.8922	0.5664	0.8100	0.5351
Dy-148	3.5995	2.8533	3.9929	3.1868
Dy-149	5.5861	4.8008	6.8659	4.9543
Dy-150	2.3520	2.1521	2.7581	2.4280
Dy-151	4.8662	4.0098	5.7395	4.5380
Dy-152	3.7385	3.3814	4.1018	3.8179
Dy-153	6.9393	6.2720	8.8718	6.8965
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	4.4580	3.9931	5.2433	4.3700
Dy-157	3.7646	3.6155	4.6284	3.4453
Dy-159	2.6534	2.5757	4.0663	2.8976
Dy-165m	0.3870	0.3352	0.8166	0.6622
Dy-165	0.2664	0.2340	0.3429	0.2646
Dy-166	1.2174	1.0983	1.9663	1.4183
Dy-167	2.3952	1.8235	1.8513	2.1376
Dy-168	2.2418	1.7924	2.1009	2.3407
Er-154	2.7211	2.6783	4.3553	3.5989
Er-156	3.2616	3.1008	5.5369	4.3183
Er-159	3.3642	2.6191	3.6266	2.9077

Nuclide	avg400	ctr400	mid400	cnr400
Er-161	3.5982	3.0196	4.3208	3.0233
Er-163	1.4265	1.3313	2.2836	1.5748
Er-165	1.3756	1.2834	2.2169	1.5308
Er-167m	0.8565	0.7834	0.9570	1.0000
Er-169	0.0058	0.0043	0.0249	0.0203
Er-171	2.3187	2.0843	2.2450	1.9212
Er-172	2.1166	1.5293	1.9846	2.0011
Er-173	3.3395	2.8457	3.2047	2.8510
Es-249	3.4950	3.3783	4.8312	4.6633
Es-250	11.6834	11.5675	18.5319	17.0422
Es-250m	3.1778	2.9877	4.8164	4.2595
Es-251	2.9376	3.0377	5.2760	4.7439
Es-253	0.0752	0.0795	0.1593	0.1464
Es-254	2.4850	2.6177	5.6103	4.9913
Es-254m	2.1156	1.7683	2.6185	2.4528
Es-255	0.0011	0.0008	0.0009	0.0009
Es-256	0.4391	0.4675	0.8371	0.7858
Eu-142	0.5856	0.4945	0.6675	0.4583
Eu-142m	5.6715	3.7768	4.9788	4.2088
Eu-143	1.4294	1.2985	1.9287	1.3736
Eu-144	0.6595	0.5998	0.9166	0.6186
Eu-145	5.3779	4.7601	6.8582	4.9122
Eu-146	7.5150	6.0478	7.8351	5.8451
Eu-147	5.7624	5.4894	7.6276	5.8516
Eu-148	8.3814	6.2947	7.9642	7.5840
Eu-149	3.7633	3.7188	5.6344	4.2810
Eu-150	7.9302	6.7435	7.9714	7.3928
Eu-150m	0.4933	0.4734	0.6380	0.4987
Eu-152	5.6502	5.0747	6.9419	5.1482
Eu-152m	1.7403	1.5838	2.2524	1.6057
Eu-152n	1.8976	1.7150	2.7972	2.2413
Eu-154	3.1745	2.4843	3.2335	2.3553
Eu-154m	2.8151	2.6551	4.4138	3.6103
Eu-155	1.4392	1.3292	1.8433	1.4653
Eu-156	2.0296	1.4944	2.0232	1.4779
Eu-157	3.2419	2.9391	4.2606	3.5164
Eu-158	2.7511	2.0428	3.1119	2.0061
Eu-159	4.0137	3.7190	5.4456	4.0100
F-17	0.0005	0.0004	0.0005	0.0002
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.3598	1.2533	0.9491	0.8923
Fe-53	0.6464	0.5524	0.4565	0.5636
Fe-53m	4.3763	2.8570	3.9119	2.2941

Nuclide	avg400	ctr400	mid400	cnr400
Fe-55	0.1666	0.1235	0.7166	0.5853
Fe-59	1.5301	1.0298	1.4640	0.7918
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.0855	1.4624	1.9569	1.2197
Fe-62	1.4645	0.6700	0.3839	1.8928
Fm-251	2.4853	2.4634	4.0311	3.7366
Fm-252	0.2162	0.2305	0.4321	0.4056
Fm-253	2.7722	2.8891	5.1038	4.6245
Fm-254	0.2298	0.2411	0.4456	0.4182
Fm-255	2.1510	2.2998	4.6184	4.0758
Fm-256	21.0535	15.3898	17.3398	15.7292
Fm-257	2.9767	3.0108	4.8730	4.6592
Fr-212	3.5977	3.0565	5.0192	4.3970
Fr-219	0.0173	0.0142	0.0153	0.0178
Fr-220	0.3107	0.3017	0.7144	0.6138
Fr-221	0.2477	0.2258	0.2584	0.3032
Fr-222	1.7599	1.7457	2.7321	2.6425
Fr-223	1.2972	1.2696	2.5828	2.0935
Fr-224	1.8327	1.6188	2.2254	1.9944
Fr-227	2.7821	2.3236	3.4376	3.3820
Ga-64	2.3046	1.5530	2.4419	1.3548
Ga-65	1.3117	1.0902	1.6605	1.4890
Ga-66	1.6668	1.1287	2.3283	1.5016
Ga-67	1.6116	1.3709	2.9141	2.6099
Ga-68	0.0958	0.0650	0.2324	0.1736
Ga-70	0.0156	0.0110	0.0203	0.0138
Ga-72	3.5140	2.4385	2.9462	2.0018
Ga-73	2.1868	1.8804	3.5251	3.0686
Ga-74	3.8183	2.3145	2.8158	2.7669
Gd-142	2.5785	2.2859	3.0158	2.4246
Gd-143m	6.2919	5.4764	6.9111	5.6392
Gd-144	2.2328	2.0802	3.0183	2.2307
Gd-145m	2.0233	1.5826	2.0942	1.6602
Gd-145	4.0751	3.4331	5.1192	3.6159
Gd-146	8.7683	8.5703	11.8233	8.9682
Gd-147	7.3514	6.4601	8.0364	6.7574
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	6.1678	5.8292	7.4834	5.7957
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	3.6620	3.5897	5.4959	4.1757
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	5.4462	5.3535	7.7644	5.8671
Gd-159	0.7234	0.6843	0.9473	0.7310

Nuclide	avg400	ctr400	mid400	cnr400
Gd-162	1.7674	1.3821	1.3749	1.9438
Ge-66	3.1706	2.7236	4.4926	4.1217
Ge-67	1.5806	1.3625	1.1147	0.8757
Ge-68	0.4139	0.3096	1.7712	1.4504
Ge-69	1.4245	0.9446	2.3330	1.7892
Ge-71	0.4198	0.3140	1.7964	1.4710
Ge-75	0.2090	0.1743	0.1150	0.1883
Ge-77	3.4608	2.7031	2.1614	2.9202
Ge-78	1.5808	1.3637	0.9288	1.2789
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.5189	1.3778	1.7074	1.3020
Hf-169	2.2801	1.4678	2.0333	2.8930
Hf-170	2.8394	2.2011	3.5578	3.1818
Hf-172	2.5255	2.2360	4.6828	3.9551
Hf-173	3.1041	2.6796	3.4158	2.9566
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.3036	2.0100	2.7624	2.2856
Hf-177m	13.5558	11.7419	12.1506	12.8386
Hf-178m	10.2368	7.7551	7.8673	10.7820
Hf-179m	5.3842	4.4082	5.2891	5.8449
Hf-180m	5.1189	4.2000	4.3956	5.3332
Hf-181	2.3616	1.6272	1.8013	2.7644
Hf-182	1.5737	1.3312	1.1231	1.4221
Hf-182m	4.2208	3.3227	4.2782	4.4045
Hf-183	2.3160	1.7148	1.9441	1.7504
Hf-184	2.7030	2.3933	4.6853	3.9200
Hg-190	2.6551	2.2629	4.1227	3.5994
Hg-191m	5.4255	4.0735	5.8846	6.0564
Hg-192	2.9956	2.5282	4.5305	4.1976
Hg-193	3.1328	2.4898	4.5958	3.9404
Hg-193m	3.1403	2.3273	3.7421	3.4751
Hg-194	0.3165	0.2856	1.1992	1.0363
Hg-195	1.8267	1.4862	3.5975	3.0944
Hg-195m	2.2845	1.9146	4.6624	4.3265
Hg-197	1.5989	1.3051	3.3871	2.8706
Hg-197m	1.4919	1.2873	3.0154	2.6761
Hg-199m	2.0395	1.7703	3.0234	2.6023
Hg-203	1.5047	1.2952	1.1871	1.3927
Hg-205	0.0410	0.0377	0.0407	0.0485
Hg-206	0.6765	0.5983	0.6546	0.5851
Hg-207	4.3202	3.2002	4.7268	3.1957
Ho-150	2.4449	1.8049	1.9713	1.3924
Ho-153	3.1478	2.7459	3.3129	2.6667

Nuclide	avg400	ctr400	mid400	cnr400
Ho-153m	3.5874	3.0894	3.8017	3.3665
Ho-154m	7.1276	5.5220	5.4662	6.4496
Ho-154	3.7585	3.0643	3.4291	2.8892
Ho-155	3.4549	3.1271	4.4271	3.5790
Ho-156	5.2761	4.3746	5.2847	4.3318
Ho-157	5.1141	4.6616	6.5116	5.0807
Ho-159	5.2956	4.9161	6.7760	5.2521
Ho-160	5.7847	4.5811	6.5180	4.6348
Ho-161	3.1970	3.1496	5.0455	4.0809
Ho-162	2.2741	2.1258	3.5253	2.4837
Ho-162m	3.5649	3.1832	4.9935	3.7390
Ho-163	0.0067	0.0050	0.0288	0.0235
Ho-164	1.2721	1.2029	2.0201	1.4349
Ho-164m	2.1580	2.0016	3.9706	2.9451
Ho-166	0.2766	0.2233	0.5137	0.3676
Ho-166m	5.1216	4.0247	4.0605	3.6804
Ho-167	1.9146	1.7132	1.6890	1.5803
Ho-168	2.0530	1.5471	1.8416	1.2809
Ho-168m	0.3250	0.2847	0.7831	0.5932
Ho-170	4.5915	3.4865	4.6061	3.4477
I-118m	6.7488	4.3040	4.6912	4.8342
I-118	2.3725	1.4957	1.6450	1.8283
I-119	3.4993	3.2170	3.4575	3.9639
I-120	3.4915	2.5272	3.2496	3.2931
I-120m	6.1873	3.9165	4.4030	5.1883
I-121	4.4417	4.3836	5.1110	5.5607
I-122	1.0320	0.9012	1.1380	1.2419
I-123	4.7038	4.7487	5.5921	5.3778
I-124	3.8909	3.3647	4.3801	4.2956
I-125	6.1334	6.3783	8.7049	8.4285
I-126	2.7569	2.4994	2.9876	3.0579
I-128	0.4286	0.3640	0.4099	0.5334
I-129	3.5267	3.6015	4.8805	4.4665
I-130m	1.0300	0.9135	1.2534	1.3646
I-130	5.0142	3.0648	2.6839	3.6607
I-131	3.4089	3.1937	3.5456	2.9889
I-132	4.5111	2.9411	2.9541	2.4887
I-132m	2.2358	1.9897	2.6261	2.5902
I-133	1.5659	0.8075	0.6275	1.6540
I-134m	5.0669	4.9545	5.9604	5.9488
I-134	4.7511	3.3056	3.9341	2.7054
I-135	2.0678	1.4186	1.9311	1.2524
In-103	3.4431	2.7162	2.9593	2.6226

Nuclide	avg400	ctr400	mid400	cnr400
In-105	3.3602	2.7622	3.1133	3.2117
In-106	5.8358	3.8286	4.8255	4.0433
In-106m	2.7665	1.7945	2.2723	1.9212
In-107	3.8076	3.4108	4.1077	4.5022
In-108	8.5603	6.4717	8.2052	7.0357
In-108m	3.5207	2.6791	3.6206	3.2794
In-109	4.2816	4.1117	4.9711	5.5872
In-109m	1.5370	0.9501	0.9811	0.9637
In-110	8.3629	6.3492	8.2201	7.1949
In-110m	2.6282	1.9958	2.4460	2.4622
In-111	5.4956	5.3045	5.5797	6.7298
In-111m	1.6025	0.9552	0.9025	1.9234
In-112	0.9432	0.9494	1.3347	1.4664
In-112m	2.2018	2.3163	3.1275	3.2632
In-113m	1.8508	1.7526	1.9563	2.2891
In-114	0.0153	0.0148	0.0207	0.0222
In-114m	1.6032	1.6347	2.1448	2.3152
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	1.8983	1.9257	2.3131	2.3730
In-116m	3.2474	2.2658	2.8848	1.9718
In-117	2.9854	2.1715	1.6147	2.4471
In-117m	1.2362	1.2551	1.4194	1.4027
In-118m	4.0305	2.6206	3.4558	2.1984
In-118	0.0965	0.0638	0.0767	0.0542
In-119	2.1171	1.7470	1.9638	1.6337
In-119m	0.3942	0.3819	0.5532	0.5362
In-121	1.7268	1.1746	1.6233	0.9619
In-121m	1.6555	1.7003	2.3581	2.3281
Ir-180	3.6197	2.7553	3.6312	3.4303
Ir-182	3.3924	2.6869	3.7019	3.5223
Ir-183	3.5702	2.7499	4.8543	4.3179
Ir-184	5.3895	4.0837	5.8214	5.6105
Ir-185	3.3678	2.6689	5.6243	4.8962
Ir-186	5.0834	3.9491	5.4214	5.0457
Ir-186m	2.9765	2.2083	3.4655	2.7791
Ir-187	2.1070	1.6206	3.5815	3.1655
Ir-188	3.7972	2.7273	4.3065	3.8146
Ir-189	1.4264	1.1615	2.9263	2.5665
Ir-190	5.6952	4.0709	4.7669	6.0225
Ir-190m	0.2474	0.1944	1.0301	0.8561
Ir-190n	1.1916	0.9912	2.3184	1.9945
Ir-191m	1.3538	1.1253	2.9397	2.5804
Ir-192	3.4184	2.8015	2.3756	2.8193

Nuclide	avg400	ctr400	mid400	cnr400
Ir-192m	0.3224	0.2780	1.2672	1.0869
Ir-192n	0.6807	0.5885	2.6496	2.2757
Ir-193m	0.2529	0.2010	1.0331	0.8617
Ir-194	0.3148	0.2725	0.2473	0.2119
Ir-194m	7.4333	5.1516	4.5840	6.5134
Ir-195	1.1917	1.0057	2.3962	2.1075
Ir-195m	2.1472	1.7530	2.5729	2.6086
Ir-196	0.6573	0.5344	0.4943	0.4755
Ir-196m	8.0394	5.6305	5.4258	7.8841
K-38	1.6343	1.0620	1.3108	1.3941
K-40	0.1769	0.1280	0.2237	0.1020
K-42	0.3148	0.2307	0.4076	0.1686
K-43	2.8863	2.0365	1.6823	2.1565
K-44	2.3361	1.5676	2.2657	1.4174
K-45	2.6330	2.0565	2.2919	1.6506
K-46	2.2790	1.6297	2.3586	1.1695
Kr-74	2.1159	1.8987	2.7244	2.7751
Kr-75	1.6901	1.5157	1.7900	1.6998
Kr-76	3.4650	3.2362	5.5884	5.4410
Kr-77	1.6174	1.4692	1.5985	1.6284
Kr-79	1.5260	1.4240	3.2641	3.2411
Kr-81	0.8879	0.9354	2.9536	2.7675
Kr-81m	1.2022	1.2049	1.5380	1.7189
Kr-83m	0.3718	0.3847	1.2498	1.1462
Kr-85	0.0064	0.0030	0.0019	0.0080
Kr-85m	1.2470	1.1660	0.9452	0.8462
Kr-87	1.2608	0.9663	0.9714	1.0643
Kr-88	2.3383	1.8346	2.4514	2.1245
Kr-89	2.6544	1.8535	2.2274	1.8976
La-128	5.5787	4.1100	4.3727	4.7646
La-129	3.6750	3.4093	3.9598	3.9538
La-130	4.3895	3.4761	3.9223	3.8467
La-131	5.3129	5.0117	6.0430	5.9464
La-132	4.8352	3.7764	4.5465	5.1098
La-132m	4.4240	3.8891	4.7037	4.6085
La-133	3.6850	3.6437	5.1046	4.5697
La-134	1.4599	1.4212	1.9026	1.7123
La-135	3.6594	3.6731	4.9467	4.4399
La-136	2.4087	2.4135	3.2449	2.8859
La-137	3.5069	3.5316	4.7734	4.2628
La-138	3.4282	3.0267	4.1291	3.0130
La-140	3.5787	2.5600	3.5601	2.5309
La-141	0.0292	0.0207	0.0295	0.0152

Nuclide	avg400	ctr400	mid400	cnr400
La-142	2.4258	1.5658	2.1062	1.5691
La-143	0.3401	0.2196	0.2804	0.2133
Lu-165	3.3119	2.6894	3.8834	3.1873
Lu-167	4.6244	3.7724	5.5677	4.7250
Lu-169m	0.1690	0.1258	0.7248	0.5927
Lu-169	3.3541	2.5615	4.2705	2.9732
Lu-170	3.5701	2.5614	4.4588	2.9939
Lu-171m	0.1822	0.1359	0.7668	0.6266
Lu-171	3.2162	2.5593	4.8616	3.8318
Lu-172	4.8131	3.5335	5.6818	4.0191
Lu-172m	0.1519	0.1130	0.6514	0.5325
Lu-173	2.2256	1.8392	3.2928	2.4998
Lu-174	1.0619	0.8560	1.9824	1.4109
Lu-174m	1.5270	1.2907	3.3171	2.5485
Lu-176	3.0994	2.8388	3.0268	3.0368
Lu-176m	0.2885	0.2300	0.6267	0.5082
Lu-177	0.3042	0.2719	0.3298	0.3601
Lu-177m	6.6531	5.7750	6.2473	6.7584
Lu-178	0.3222	0.2509	0.5058	0.3817
Lu-178m	5.8774	4.9882	5.1480	5.7377
Lu-179	0.1893	0.1707	0.1270	0.1878
Lu-180	3.1631	2.4150	3.1120	2.6202
Lu-181	2.4341	1.8596	2.8406	2.6292
Mg-27	1.5740	1.1074	1.4200	0.7511
Mg-28	5.0075	4.4968	5.7722	4.9260
Mn-50m	5.1309	3.5821	4.6395	2.4951
Mn-51	0.0119	0.0084	0.0231	0.0181
Mn-52	4.7824	3.3393	4.8495	2.6399
Mn-52m	1.6009	1.1561	1.8480	0.8339
Mn-53	0.1357	0.1006	0.5835	0.4766
Mn-54	1.6956	1.2679	1.8159	1.1487
Mn-56	2.2735	1.6215	1.9339	1.2367
Mn-57	0.7282	0.6536	1.5793	1.3367
Mn-58m	3.4645	2.4843	2.8191	1.9023
Mo-101	2.6877	1.8489	2.3398	2.2039
Mo-102	0.1398	0.1292	0.0915	0.1201
Mo-89	0.3749	0.2758	0.3737	0.2551
Mo-90	4.8245	4.7016	6.1551	5.5480
Mo-91m	1.5528	1.0568	1.4431	0.9374
Mo-91	0.1214	0.1329	0.2364	0.1687
Mo-93	1.6223	1.8694	3.3257	2.4481
Mo-93m	4.6573	3.5456	4.5084	3.3940
Mo-99	0.5472	0.4718	0.4868	0.4293

Nuclide	avg400	ctr400	mid400	cnr400
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.0926	0.7274	0.7978	0.6639
Na-22	1.4091	0.9856	1.1843	0.6499
Na-24	3.1190	2.1930	3.4079	1.8854
Nb-87	2.6367	2.7587	3.3549	3.0796
Nb-88m	5.6038	3.7500	4.8098	3.9299
Nb-88	7.3600	5.2385	7.3938	6.0278
Nb-89	0.9091	0.8137	1.4082	0.9214
Nb-89m	1.6400	1.0171	1.1158	2.0713
Nb-90	5.3105	4.3482	6.2938	4.5855
Nb-91	1.5903	1.8701	3.5208	2.4121
Nb-91m	1.4061	1.6052	2.8543	2.0933
Nb-92	4.5761	3.5629	5.5517	4.5535
Nb-92m	3.2060	2.9392	5.1715	3.2665
Nb-93m	0.2990	0.3407	0.6340	0.4700
Nb-94m	1.1117	1.2755	2.2757	1.6751
Nb-94	3.0357	2.0744	2.2456	1.4166
Nb-95	1.5352	1.1436	1.0222	0.6391
Nb-95m	1.4929	1.5981	2.4396	2.0320
Nb-96	4.8049	3.2321	3.2981	3.0148
Nb-97	1.4761	0.8545	0.8190	0.7497
Nb-98m	4.8282	3.4951	3.7263	2.4076
Nb-99	2.5529	2.5261	3.0090	2.8298
Nb-99m	1.1367	0.8700	1.0936	0.9968
Nd-134	5.3087	5.1112	6.1525	5.2366
Nd-135	6.0472	5.5907	6.9794	6.5830
Nd-136	6.7680	6.6032	9.1133	7.5030
Nd-137	6.3443	5.8116	7.7482	6.4548
Nd-138	3.8007	3.8094	5.3500	4.3324
Nd-139	3.1674	3.0736	4.2679	3.4953
Nd-139m	8.1807	7.3147	9.6360	7.6059
Nd-140	3.6347	3.6473	5.1705	4.1761
Nd-141	3.6521	3.6562	5.1760	4.1736
Nd-141m	1.6998	1.3230	1.3490	0.9306
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	2.7430	2.5721	3.5097	2.9271
Nd-149	3.2463	2.9402	3.2387	3.1730
Nd-151	3.2598	2.7467	3.0940	2.7006
Nd-152	1.3284	1.1883	1.3205	1.3647
Ne-19	0.0002	0.0002	0.0002	0.0002
Ne-24	1.5918	0.9097	0.6379	1.8455
Ni-56	4.9679	3.8768	3.8915	3.4182
Ni-57	1.8526	1.3316	2.2646	1.4433

Nuclide	avg400	ctr400	mid400	cnr400
Ni-59	0.2353	0.1743	1.0118	0.8263
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7177	0.5101	0.7904	0.4016
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	5.7075	5.3026	8.0501	6.8692
Np-233	1.9410	1.9576	3.4219	3.1566
Np-234	3.5347	3.2541	5.9690	4.7348
Np-235	0.9323	1.0063	2.4128	2.0865
Np-236	4.8857	5.0979	9.6380	8.5776
Np-236m	1.1526	1.1715	2.1336	1.9492
Np-237	2.2934	2.4116	4.7319	4.1513
Np-238	1.8496	1.5710	3.1297	2.4226
Np-239	3.0435	3.0267	4.9515	4.7703
Np-240	5.1972	4.5806	7.7368	7.2238
Np-240m	1.5467	1.3068	2.2772	2.2797
Np-241	0.7764	0.7862	1.3206	1.2418
Np-242	0.5082	0.4046	0.6308	0.4841
Np-242m	4.7076	4.4281	7.4220	6.3901
O-14	1.6379	1.1140	1.5367	1.3816
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.0880	1.8094	1.6034	1.5865
Os-180	1.7747	1.4778	3.4450	3.1539
Os-181	4.3695	3.3774	5.2684	4.5569
Os-182	2.7129	1.9888	3.3289	3.7882
Os-183	3.8253	3.1584	4.9048	4.6081
Os-183m	2.3702	1.6791	3.3445	2.4292
Os-185	2.3538	1.5786	2.6849	2.2893
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.2324	0.1798	0.9761	0.8073
Os-190m	5.7495	3.9773	4.3110	6.0780
Os-191	1.4359	1.1916	2.9975	2.6368
Os-191m	0.3352	0.2657	1.1432	0.9566
Os-193	0.5078	0.4000	0.7621	0.7495
Os-194	0.4275	0.3906	1.1997	0.9842
Os-196	0.5117	0.4136	0.5847	0.6088
P-30	0.0012	0.0008	0.0012	0.0011
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.8503	0.8716	1.8884	1.6083
Pa-228	5.9981	5.3883	9.5391	8.1745
Pa-229	1.7335	1.7426	3.3960	2.9887
Pa-230	3.4447	3.0892	5.7236	4.9346
Pa-231	1.9300	2.0391	4.4492	3.8388

Nuclide	avg400	ctr400	mid400	cnr400
Pa-232	3.2883	2.7596	4.7063	4.0518
Pa-233	2.6689	2.6916	4.5052	4.0178
Pa-234	6.0895	5.3981	8.8687	7.7003
Pa-234m	0.0503	0.0426	0.0761	0.0602
Pa-235	0.0808	0.0606	0.3449	0.2827
Pa-236	2.3509	1.8907	3.1998	2.7438
Pa-237	1.3794	0.9262	1.1823	1.1524
Pb-194	3.7695	2.8993	4.8175	4.3016
Pb-195m	5.7342	4.5995	7.0071	6.5818
Pb-196	3.3383	2.5855	4.1213	4.4085
Pb-197	3.7579	2.9246	4.4519	3.7888
Pb-197m	4.8707	3.9526	5.9991	5.7846
Pb-198	3.1964	2.6957	4.2091	3.8959
Pb-199	3.1073	2.4755	3.9887	3.3215
Pb-200	2.6685	2.2667	4.2372	3.7889
Pb-201	3.4555	2.8870	4.2766	3.6065
Pb-201m	1.3305	0.8800	1.4876	1.3566
Pb-202	0.2810	0.2432	1.1019	0.9453
Pb-202m	4.8596	3.4378	4.3992	4.1308
Pb-203	2.7763	2.3445	3.5729	3.4340
Pb-204m	4.4989	3.3538	4.1107	2.9307
Pb-205	0.2846	0.2464	1.1155	0.9571
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.5368	0.5425	1.6242	1.4184
Pb-211	0.1811	0.1397	0.1491	0.1544
Pb-212	1.3766	1.1663	1.6006	1.7277
Pb-214	1.5385	1.3567	1.7400	1.6995
Pd-100	5.0782	4.8818	6.9617	8.0750
Pd-101	4.4017	4.2883	6.0542	7.5927
Pd-103	1.9435	1.9905	3.0082	3.8128
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.5036	1.5039	1.6082	2.0306
Pd-109	1.1447	1.1886	1.7455	1.9738
Pd-111	0.1221	0.0880	0.1033	0.1106
Pd-112	0.7126	0.7659	1.2998	1.2921
Pd-114	0.1915	0.1720	0.1390	0.1924
Pd-96	4.0462	3.3726	4.0657	4.6271
Pd-97	3.7013	2.8706	3.3767	3.7009
Pd-98	3.8765	3.6577	4.8181	5.8407
Pd-99	3.2221	2.8290	3.2560	3.7432
Pm-136	5.0057	3.8231	3.7837	3.5375
Pm-137m	7.4039	6.5464	7.5950	7.2124
Pm-139	1.8454	1.7127	2.2553	1.9280

Nuclide	avg400	ctr400	mid400	cnr400
Pm-140m	6.1029	4.7085	5.7795	4.6655
Pm-140	0.6530	0.5781	0.7714	0.6083
Pm-141	2.1038	2.0286	2.8916	2.2343
Pm-142	0.9292	0.9092	1.3246	1.0081
Pm-143	4.1831	4.0185	5.5617	4.3255
Pm-144	7.2866	5.7675	7.1211	6.5480
Pm-145	3.5876	3.5851	5.1911	4.0756
Pm-146	4.2684	3.6480	4.4598	4.2266
Pm-147	0.0001	0.0001	0.0002	0.0001
Pm-148	0.9171	0.5758	0.7714	0.6434
Pm-148m	5.2186	3.2178	3.2525	4.0316
Pm-149	0.0685	0.0604	0.0580	0.0599
Pm-150	2.8135	2.2213	2.3644	1.7294
Pm-151	2.7226	2.5092	2.8882	2.5132
Pm-152m	5.3699	4.5130	5.1972	4.5507
Pm-152	1.0388	0.8796	1.1586	0.8839
Pm-153	1.9309	1.8663	2.4774	2.1087
Pm-154	3.3005	2.5845	3.6990	2.6685
Pm-154m	5.3249	4.4464	5.5876	4.4420
Po-203	4.2460	3.2950	5.6937	4.5021
Po-204	5.7137	4.6020	8.8411	7.6755
Po-205	4.1106	3.1418	5.4156	4.0401
Po-206	4.9311	3.8847	7.1171	6.5268
Po-207	3.6890	2.7546	4.8840	3.7155
Po-208	0.0001	0.0001	0.0002	0.0002
Po-209	0.0384	0.0301	0.0805	0.0688
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0172	0.0104	0.0120	0.0121
Po-212m	0.0723	0.0452	0.0607	0.0607
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0000
Po-214	0.0002	0.0001	0.0001	0.0001
Po-215	0.0006	0.0004	0.0003	0.0007
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	7.2938	5.6894	5.9826	5.8934
Pr-134m	3.5606	2.7583	3.0996	3.3194
Pr-135	4.7582	4.5243	5.8033	5.0774
Pr-136	4.4940	3.1947	3.8900	4.5477
Pr-137	2.9856	2.9490	4.0696	3.3994
Pr-138	1.0042	0.9909	1.3656	1.1243
Pr-138m	7.9723	6.8475	8.5256	6.4430
Pr-139	3.4489	3.4594	4.8214	4.0102

Nuclide	avg400	ctr400	mid400	cnr400
Pr-140	1.8421	1.8484	2.5776	2.1417
Pr-142	0.0659	0.0485	0.0907	0.0366
Pr-142m	0.0107	0.0079	0.0459	0.0375
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0365	0.0240	0.0274	0.0220
Pr-144m	1.4683	1.4616	2.2048	1.7821
Pr-145	0.0738	0.0617	0.0830	0.0618
Pr-146	1.7037	1.1473	1.2943	1.3838
Pr-147	5.6689	5.3129	7.2290	5.8347
Pr-148	2.1482	1.7070	1.7224	1.4040
Pr-148m	3.1795	2.5259	2.1664	2.4272
Pt-184	5.4239	4.3261	7.6637	7.2996
Pt-186	2.9801	2.1964	3.7791	3.3761
Pt-187	3.4074	2.7332	5.0177	4.5710
Pt-188	2.2591	1.9040	3.6688	3.4248
Pt-189	3.1446	2.4344	4.8469	4.4173
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.7236	2.1365	4.3637	4.0932
Pt-193	0.2831	0.2379	1.1323	0.9617
Pt-193m	0.4846	0.3983	1.5126	1.2843
Pt-195m	1.8875	1.5908	4.4154	3.8273
Pt-197	0.5444	0.4583	1.2742	1.0941
Pt-197m	1.2956	1.1021	3.0103	2.6265
Pt-199	0.7342	0.5017	0.5659	0.8146
Pt-200	0.9520	0.8003	1.8368	1.6110
Pt-202	0.0000	0.0000	0.0000	0.0000
Pu-232	1.4592	1.4839	2.5562	2.3793
Pu-234	1.7014	1.7380	3.0728	2.8420
Pu-235	2.3628	2.4210	4.3914	4.0147
Pu-236	0.3147	0.3438	0.7735	0.6729
Pu-237	1.7476	1.8107	3.4979	3.1640
Pu-238	0.2910	0.3179	0.7160	0.6228
Pu-239	0.1383	0.1455	0.3689	0.3175
Pu-240	0.2736	0.2989	0.6729	0.5854
Pu-241	0.0001	0.0001	0.0001	0.0001
Pu-242	0.2347	0.2563	0.5771	0.5020
Pu-243	0.6641	0.6277	1.0953	0.9544
Pu-244	0.2270	0.2361	0.5049	0.4402
Pu-245	1.8259	1.6064	2.0328	1.9260
Pu-246	3.1967	3.2047	4.8618	4.4723
Ra-219	1.0823	1.0076	1.2323	1.0312
Ra-220	0.0153	0.0092	0.0069	0.0185
Ra-221	0.8270	0.8174	1.7239	1.4932

Nuclide	avg400	ctr400	mid400	cnr400
Ra-222	0.0454	0.0429	0.0385	0.0324
Ra-223	1.6540	1.4857	2.5193	2.2545
Ra-224	0.0783	0.0668	0.0621	0.0871
Ra-225	1.8089	1.8530	3.0382	2.3317
Ra-226	1.3508	1.2952	1.3238	1.1669
Ra-227	2.4402	2.4407	4.5257	4.1298
Ra-228	1.2724	1.2201	1.5207	1.1235
Ra-230	0.8634	0.7809	1.3527	1.2962
Rb-77	2.0496	1.6440	2.1840	2.0387
Rb-78m	3.8471	2.5395	2.8180	3.0765
Rb-78	3.0251	2.0391	2.7004	2.6556
Rb-79	2.6128	2.1915	2.9094	3.0906
Rb-80	0.4396	0.2460	0.2658	0.3054
Rb-81	1.4316	1.2798	2.7949	3.0374
Rb-81m	1.0166	1.1306	2.8099	2.5820
Rb-82	0.3007	0.2448	0.3314	0.2538
Rb-82m	5.8561	4.1891	6.1887	5.5143
Rb-83	2.4255	1.8408	3.8639	4.7990
Rb-84	1.8503	1.6082	3.3415	2.7676
Rb-84m	2.3316	1.9498	2.1190	3.0740
Rb-86m	1.4556	0.7236	0.5814	1.4752
Rb-86	0.1325	0.0831	0.1416	0.0727
Rb-87	0.0000	0.0000	0.0000	0.0000
Rb-88	0.6585	0.4454	0.6305	0.4257
Rb-89	2.5912	1.6884	2.5122	1.5240
Rb-90	1.4266	1.0405	1.4192	0.7045
Rb-90m	3.3116	2.4002	3.1565	1.7542
Re-178	3.1062	2.3990	3.9068	3.3801
Re-179	3.9296	3.0530	4.3006	4.3090
Re-180	3.2097	2.4160	4.4378	3.2531
Re-181	3.6832	2.9423	4.6944	4.1499
Re-182	6.9940	5.6626	8.5106	7.4104
Re-182m	3.5071	2.6573	4.8635	3.7982
Re-183	2.4365	2.0446	4.3522	3.6017
Re-184	2.8526	2.1910	3.7523	2.8136
Re-184m	2.4247	1.9579	3.7592	3.3272
Re-186	0.2536	0.2133	0.3919	0.3431
Re-186m	1.0657	0.8975	3.2377	2.6522
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3489	0.2893	0.3391	0.2941
Re-188m	1.4202	1.1519	3.0928	2.6368
Re-189	0.4302	0.3645	0.4935	0.5559
Re-190	4.2665	3.1579	2.7760	3.6248

Nuclide	avg400	ctr400	mid400	cnr400
Re-190m	3.4658	2.5372	3.0494	3.5685
Rh-100m	2.9505	2.9644	4.3917	5.3005
Rh-100	5.4796	4.1779	5.6999	6.3646
Rh-101	3.8966	3.8737	4.5864	5.5150
Rh-101m	3.1780	3.1510	3.9748	4.4100
Rh-102	2.0883	1.7403	2.3291	3.2219
Rh-102m	6.5676	4.8128	5.9231	7.0354
Rh-103m	0.2256	0.2265	0.3928	0.4644
Rh-104	0.0397	0.0246	0.0262	0.0463
Rh-104m	2.2930	2.2729	3.3782	3.9052
Rh-105	0.3776	0.3596	0.2856	0.2426
Rh-106	0.5063	0.2547	0.2133	0.5007
Rh-106m	5.6842	3.6419	3.8114	4.3623
Rh-107	1.4819	1.3380	1.0352	1.0785
Rh-108	0.9565	0.6149	0.4794	0.9429
Rh-109	1.7882	1.6534	1.4711	1.6458
Rh-94	3.7161	2.6528	3.6066	2.0988
Rh-95	2.9049	2.1572	3.2331	2.3123
Rh-95m	1.6378	0.9748	0.9756	1.7813
Rh-96	6.3262	4.3918	4.9745	3.9784
Rh-96m	2.1213	1.7823	2.4799	2.3556
Rh-97	2.6484	2.1875	2.5638	3.0464
Rh-97m	4.3357	3.6740	4.7878	5.0351
Rh-98	1.8603	1.1776	1.3204	1.2438
Rh-99	4.4656	4.0925	5.4968	6.5764
Rh-99m	3.4340	3.2205	4.0988	4.4810
Rn-207	3.2811	2.6486	3.6446	3.2213
Rn-209	3.6879	2.9543	4.2314	3.8137
Rn-210	0.2683	0.2118	0.3542	0.3362
Rn-211	4.6694	3.4616	5.3393	4.3371
Rn-212	0.0007	0.0005	0.0004	0.0004
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0018	0.0010	0.0009	0.0013
Rn-219	0.3152	0.2655	0.2430	0.3142
Rn-220	1.2700	1.1917	1.3172	1.1519
Rn-222	0.0011	0.0005	0.0004	0.0015
Rn-223	1.8876	1.6037	3.1377	2.8360
Ru-103	1.4751	0.7172	0.4552	1.8830
Ru-105	2.2797	1.7098	1.6849	1.9587
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8388	0.6379	0.6207	0.6688

Nuclide	avg400	ctr400	mid400	cnr400
Ru-108	0.7079	0.6735	0.5981	0.6459
Ru-92	8.6569	8.0736	9.8011	10.4292
Ru-94	3.3403	3.2140	4.3330	4.3570
Ru-95	3.9517	3.5315	4.6444	4.2581
Ru-97	3.2388	3.2595	4.0981	4.6062
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.4221	0.9270	1.6806	0.7413
S-38	1.4279	0.9039	1.0849	1.1621
Sb-111	2.8316	2.3554	2.3130	2.6549
Sb-113	2.6992	2.0642	2.3029	3.4518
Sb-114	2.8910	2.2580	2.9395	2.0634
Sb-115	3.3948	2.7314	3.2409	4.7729
Sb-116	3.2506	2.7393	3.7202	3.0265
Sb-116m	8.8149	7.4284	9.6276	8.9957
Sb-117	4.2575	4.3703	5.1542	5.0785
Sb-118	0.8062	0.8349	1.1534	1.1531
Sb-118m	10.8148	9.7696	12.8239	11.7180
Sb-119	3.3530	3.5644	5.0588	5.1568
Sb-120	1.6830	1.7821	2.4799	2.4997
Sb-120m	8.6788	7.6179	9.9582	8.8265
Sb-122m	3.7519	3.7555	5.2736	5.0964
Sb-122	1.1922	0.6445	0.5608	1.1245
Sb-124	2.9297	1.7679	2.1777	1.9060
Sb-124m	1.1387	0.5978	0.6044	1.0403
Sb-124n	0.0373	0.0277	0.1602	0.1309
Sb-125	3.5200	3.1622	3.8194	4.1618
Sb-126	6.5015	4.3248	3.9753	3.9778
Sb-126m	3.8977	2.6079	2.3213	2.6243
Sb-127	1.9669	1.3546	1.2062	1.5901
Sb-128	7.2108	5.0671	4.5928	4.1511
Sb-128m	4.7004	3.7190	3.2860	2.3614
Sb-129	2.5708	1.7693	2.0799	1.5218
Sb-130m	5.5025	4.1753	4.4535	3.0056
Sb-130	7.8434	6.2467	5.9734	4.7620
Sb-131	3.2261	2.1645	2.8517	1.9107
Sb-133	3.3975	2.3400	3.2564	2.0006
Sc-42m	4.5994	3.2294	4.1628	3.1962
Sc-43	0.3408	0.2950	0.2570	0.3057
Sc-44	1.4898	0.9787	1.4448	0.7705
Sc-44m	1.4471	1.2113	0.8670	1.2328
Sc-46	3.0685	2.0597	2.9471	1.5438
Sc-47	0.8807	0.8120	0.3942	0.3004
Sc-48	4.7010	3.0522	4.9183	2.5251

Nuclide	avg400	ctr400	mid400	cnr400
Sc-49	0.0010	0.0007	0.0012	0.0007
Sc-50	4.5752	2.8718	4.2858	3.2967
Se-70	2.4693	2.1030	4.9663	4.5920
Se-71	1.4412	1.1330	1.1593	0.8066
Se-72	2.2628	2.1285	5.2805	4.2121
Se-73	2.4710	2.1111	2.9826	2.8504
Se-73m	0.3800	0.3210	0.7815	0.7348
Se-75	3.0582	2.6341	3.9913	4.1703
Se-77m	1.0237	0.9654	1.5235	1.3574
Se-79m	0.7046	0.6804	2.2234	2.0265
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0296	0.0232	0.0176	0.0227
Se-81m	0.7472	0.7244	2.2566	2.0750
Se-83m	1.5475	1.0369	1.4080	0.9703
Se-83	5.0763	3.6342	3.5362	3.8471
Se-84	1.5089	1.1831	0.8957	1.5043
Si-31	0.0010	0.0007	0.0008	0.0004
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	3.5452	3.0576	3.4385	3.1387
Sm-140	4.0847	3.9114	5.4074	4.2197
Sm-141	3.5589	3.0775	3.8482	3.5288
Sm-141m	6.7882	5.9374	7.2897	6.2390
Sm-142	3.3490	3.3459	4.8911	3.7223
Sm-143	2.0404	2.0192	2.9564	2.2359
Sm-143m	1.7134	1.3360	1.3947	0.9520
Sm-145	6.5375	6.5174	9.5210	7.2624
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0018	0.0016	0.0053	0.0049
Sm-153	2.8799	2.8210	4.0410	3.0846
Sm-155	1.6975	1.6153	1.8697	1.7304
Sm-156	1.6215	1.5058	1.9138	1.7476
Sm-157	2.5688	2.3830	2.5047	2.4408
Sn-106	5.5464	5.0286	5.8987	6.5733
Sn-108	5.6750	5.3767	6.1380	6.8929
Sn-109	5.1454	4.4485	6.2261	5.5365
Sn-110	4.1715	4.1507	4.8929	5.3594
Sn-111	2.0697	2.1172	2.9705	3.0538
Sn-113	2.6474	2.8065	3.9273	4.1433
Sn-113m	1.9127	2.0325	2.8658	2.9055
Sn-117m	3.7020	3.7772	4.3265	4.2362
Sn-119m	2.1469	2.2778	3.3151	3.3863

Nuclide	avg400	ctr400	mid400	cnr400
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.7217	0.7497	1.0998	1.0532
Sn-123	0.0097	0.0062	0.0103	0.0053
Sn-123m	1.5370	1.4748	1.1234	1.0150
Sn-125m	1.5458	1.4453	1.1751	1.0542
Sn-125	0.5121	0.3448	0.4729	0.2981
Sn-126	2.0702	2.0153	2.8050	2.7286
Sn-127m	1.4842	0.7735	0.5813	1.8066
Sn-127	3.3413	2.3518	2.9013	2.3728
Sn-128	7.9562	7.5008	9.6657	10.3815
Sn-129	1.9437	1.1844	1.2864	1.0576
Sn-130	5.2079	4.7462	5.0594	5.2104
Sn-130m	3.4709	3.0510	3.7975	3.3323
Sr-79	2.8252	2.7996	4.1700	3.6912
Sr-80	2.1082	1.8997	3.7242	3.8080
Sr-81	2.1372	1.7884	1.7474	1.9015
Sr-82	1.2133	1.3880	3.5404	3.2636
Sr-83	2.8644	2.8146	5.7333	5.2142
Sr-85	2.6417	2.0669	4.0082	5.0797
Sr-85m	1.6573	1.4848	1.3938	1.8833
Sr-87m	1.4481	1.2971	1.4215	1.6261
Sr-89	0.0002	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2588	0.8151	1.0899	0.6609
Sr-92	1.5888	1.1324	1.6340	0.8473
Sr-93	4.1880	2.8890	3.4022	2.9217
Sr-94	1.6471	1.1752	1.8121	0.8414
Ta-170	1.4846	1.1916	2.0561	1.7207
Ta-172	3.5406	2.7508	4.2100	3.4167
Ta-173	2.4888	2.0052	3.8960	3.0267
Ta-174	2.5850	2.1357	3.3812	3.0053
Ta-175	3.5896	2.8264	4.5438	3.6665
Ta-176	3.8088	2.7607	4.9270	3.5324
Ta-177	1.0499	0.8630	1.8783	1.4834
Ta-178	1.1163	0.9063	2.0537	1.5880
Ta-178m	7.0139	5.9491	6.9725	7.1517
Ta-179	0.5476	0.4425	1.2276	0.9644
Ta-180	0.8942	0.7323	1.6895	1.3223
Ta-182	3.0946	2.3370	3.6588	2.8176
Ta-182m	2.9060	2.5167	4.2645	3.6352
Ta-183	3.0209	2.5597	4.3327	3.9772
Ta-184	5.4913	4.2532	4.9707	5.3539
Ta-185	1.5600	1.3294	2.2989	2.0647

Nuclide	avg400	ctr400	mid400	cnr400
Ta-186	4.8865	3.6833	3.4493	4.3741
Tb-146	4.0489	3.0305	5.1176	2.7076
Tb-147m	3.4435	2.9318	4.5108	2.8658
Tb-147	5.1542	4.1852	5.7571	4.0656
Tb-148m	8.2749	6.4360	7.3473	5.9385
Tb-148	3.9217	3.0692	3.8760	2.9252
Tb-149m	4.4067	3.7664	4.7513	3.3122
Tb-149	5.0240	4.3833	5.5480	4.2444
Tb-150m	8.5080	6.1713	6.9048	7.0908
Tb-150	4.9116	3.7825	5.2579	4.0793
Tb-151	7.0308	6.1646	7.7739	6.9023
Tb-151m	0.9654	0.8322	2.0222	1.6381
Tb-152m	5.7427	5.0954	6.3566	5.5799
Tb-152	4.6579	4.0951	5.2946	4.0984
Tb-153	4.9588	4.6825	6.5432	5.1780
Tb-154	5.6361	4.7741	6.8234	5.1314
Tb-155	4.8806	4.6640	6.6155	5.0664
Tb-156	7.6538	6.3963	8.5537	7.2990
Tb-156m	0.7154	0.6351	0.9776	0.5258
Tb-156n	0.2782	0.2437	0.7129	0.5575
Tb-157	0.4412	0.4115	0.9250	0.7053
Tb-158	4.4024	3.8698	5.9736	4.1403
Tb-160	2.7556	2.1440	2.8945	1.9779
Tb-161	1.8652	1.8213	3.0472	2.5769
Tb-162	3.6181	2.8968	2.9573	2.6836
Tb-163	2.9882	2.2306	1.9012	2.8472
Tb-164	5.8059	4.3251	4.7403	4.1090
Tb-165	1.2666	0.8761	1.3018	0.9662
Tc-101	1.5820	1.4250	1.0986	1.1001
Tc-102m	3.9074	2.3757	2.7105	3.2527
Tc-102	0.1762	0.1036	0.0942	0.1736
Tc-104	3.7320	2.7759	2.9624	2.7648
Tc-105	2.8442	2.3490	2.3657	2.6156
Tc-91	1.5942	1.1730	1.7891	1.1552
Tc-91m	1.0498	0.5794	0.5660	1.2198
Tc-92	6.2009	5.1706	5.7508	3.8364
Tc-93	3.1470	2.8695	4.7368	3.3829
Tc-93m	2.0261	1.8025	2.3436	2.3064
Tc-94	6.4101	5.1237	6.7262	4.9004
Tc-94m	2.3557	1.8780	2.6680	1.7804
Tc-95	3.2812	3.0706	4.3671	3.5391
Tc-95m	3.6991	3.4584	4.5122	4.3699
Tc-96	6.4246	5.4427	6.8464	4.9035

Nuclide	avg400	ctr400	mid400	cnr400
Tc-96m	0.9837	1.0332	1.6947	1.6753
Tc-97	1.6544	1.8401	3.1539	2.7507
Tc-97m	1.3051	1.4049	2.3216	2.3360
Tc-98	3.0280	1.9488	1.7956	1.4302
Tc-99	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.1770	1.0890	0.8692	0.8844
Te-113	1.9869	1.4770	1.9512	1.4276
Te-114	5.8347	5.4736	7.2383	6.9751
Te-115	3.3934	2.7304	3.4588	2.8371
Te-115m	4.0247	3.2165	4.2142	3.3682
Te-116	5.1158	5.2696	7.1098	7.0759
Te-117	3.9817	3.5049	4.6266	4.1080
Te-118	2.8684	3.0209	4.1667	4.1403
Te-119	4.4067	3.9190	5.0734	4.9616
Te-119m	5.9859	5.4649	6.5959	5.9707
Te-121	4.4420	3.8626	4.8803	5.7048
Te-121m	3.3404	3.3306	3.8547	4.2023
Te-123	0.0372	0.0292	0.1460	0.1205
Te-123m	3.1031	3.0959	3.4128	3.2059
Te-125m	5.1020	5.2996	7.2750	7.0251
Te-127	0.0228	0.0191	0.0171	0.0242
Te-127m	1.5596	1.6167	2.2725	2.1998
Te-129	0.8790	0.8358	1.1763	1.2386
Te-129m	1.2094	1.2316	1.6983	1.6429
Te-131	2.0939	1.7692	1.6266	1.7129
Te-131m	4.0701	3.3800	3.7051	3.1399
Te-132	4.6313	4.5386	5.2848	5.5835
Te-133	2.6626	2.1451	2.1301	1.8225
Te-133m	4.5169	3.4827	4.1970	3.4355
Te-134	4.2174	3.5505	3.5479	3.9597
Th-223	1.5864	1.5428	2.9872	2.5927
Th-224	0.2326	0.2261	0.2937	0.2768
Th-226	0.2473	0.2573	0.5419	0.4679
Th-227	2.1897	2.1944	4.3461	3.8430
Th-228	0.2484	0.2672	0.6437	0.5337
Th-229	2.9382	2.9766	6.4244	5.5169
Th-230	1.1787	1.1576	1.4763	1.2395
Th-231	2.4334	2.6027	5.5935	4.9113
Th-232	4.4011	4.2836	4.3742	3.5975
Th-233	0.5548	0.5280	1.1172	0.9985
Th-234	0.3731	0.3789	0.7975	0.6950
Th-235	0.1649	0.1238	0.1397	0.1496
Th-236	0.3496	0.3362	0.5886	0.5484

Nuclide	avg400	ctr400	mid400	cnr400
Ti-44	1.9642	1.4405	2.0370	1.5424
Ti-45	0.0162	0.0118	0.0523	0.0418
Ti-51	1.5092	1.3997	1.1365	0.8881
Ti-52	1.4813	1.4088	1.7948	1.7004
Tl-190	2.2170	1.6241	2.0122	2.3043
Tl-190m	5.7465	4.0131	4.5207	4.8106
Tl-194	2.3391	1.6911	2.4350	2.6787
Tl-194m	7.4637	5.3004	6.6246	7.0409
Tl-195	3.4307	2.6229	5.1621	4.4021
Tl-196	3.9474	2.8600	4.2137	4.0489
Tl-197	2.3488	1.8353	3.4169	3.0079
Tl-198	4.3056	3.1769	4.7264	4.3342
Tl-198m	4.9644	3.5682	5.2156	5.6782
Tl-199	2.2431	1.8085	3.3100	3.1388
Tl-200	3.8698	3.0317	4.3356	3.8031
Tl-201	1.7372	1.4461	3.2921	2.8033
Tl-202	2.5574	1.8940	2.9560	3.4347
Tl-204	0.0276	0.0226	0.0577	0.0489
Tl-206m	7.6194	5.5006	5.7227	6.9879
Tl-206	0.0014	0.0012	0.0026	0.0022
Tl-207	0.0042	0.0029	0.0040	0.0022
Tl-208	3.6780	2.3117	2.9581	3.1221
Tl-209	4.4219	3.2136	4.2872	4.0113
Tl-210	5.1531	4.0931	5.0112	3.8691
Tm-161	5.4160	4.6478	7.2523	5.2409
Tm-162	2.8857	2.2296	3.4007	2.4018
Tm-163	4.3595	3.5285	5.3519	3.9381
Tm-164	1.1921	0.9844	1.7254	1.1759
Tm-165	3.5760	3.0107	4.0489	3.4952
Tm-166	4.2768	3.2661	4.6746	3.4933
Tm-167	1.9740	1.7624	2.8793	2.3321
Tm-168	4.6381	3.7655	4.6609	3.9256
Tm-170	0.0805	0.0633	0.1661	0.1269
Tm-171	0.0119	0.0097	0.0231	0.0169
Tm-172	0.8322	0.6069	1.2020	0.7386
Tm-173	1.5129	1.2253	1.0827	1.5137
Tm-174	6.0175	4.7680	5.2647	4.9356
Tm-175	2.6302	1.6404	1.9219	2.4082
Tm-176	4.1751	3.2052	4.0565	3.4746
U-227	1.7593	1.7082	2.8925	2.7259
U-228	0.2922	0.3144	0.6859	0.5745
U-230	0.3216	0.3525	0.8151	0.6757
U-231	4.0934	4.3037	8.8201	7.8225

Nuclide	avg400	ctr400	mid400	cnr400
U-232	0.3024	0.3337	0.7845	0.6513
U-233	0.1558	0.1703	0.4095	0.3444
U-234	1.1063	1.1487	1.2139	1.1228
U-235	2.8300	2.7214	2.8189	2.8266
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.2499	0.2761	0.6523	0.5421
U-237	3.1170	3.1377	5.5575	5.1326
U-238	1.1456	1.1835	1.2678	0.8700
U-239	1.0418	0.9287	1.5774	1.2810
U-240	0.8383	0.8966	1.9794	1.7301
U-242	0.3139	0.2618	0.3691	0.3523
V-47	0.0134	0.0099	0.0227	0.0180
V-48	3.2299	2.1267	3.4725	1.8388
V-49	0.0919	0.0681	0.3954	0.3229
V-50	1.7791	1.3139	2.4529	1.1520
V-52	1.6082	1.1578	1.8598	0.8212
V-53	1.5938	0.9776	1.7838	0.9159
W-177	4.5340	3.5770	5.9075	5.2595
W-178	0.4214	0.3352	1.1251	0.9111
W-179	1.8780	1.6832	3.5067	2.9609
W-179m	0.8382	0.6838	1.5306	1.3193
W-181	0.7983	0.6446	1.6295	1.2996
W-185m	0.7537	0.6028	2.3308	1.9484
W-185	0.0007	0.0006	0.0011	0.0010
W-187	1.5284	1.0053	1.2551	1.4459
W-188	0.0140	0.0120	0.0155	0.0161
W-190	2.0214	1.6968	2.9947	2.4838
Xe-120	6.8342	6.7516	8.7994	8.5887
Xe-121	3.8817	3.5593	4.4645	4.2486
Xe-122	3.5738	3.6534	4.8330	4.6448
Xe-123	4.4370	4.3566	5.2779	4.9330
Xe-125	5.8858	5.8587	7.0916	7.2085
Xe-127	5.3334	5.3556	6.2091	6.3765
Xe-127m	3.5765	3.5142	4.0424	3.9538
Xe-129m	6.0760	6.2028	8.3858	7.7629
Xe-131m	2.4947	2.5452	3.4632	3.2316
Xe-133	2.7126	2.6309	3.4949	3.1157
Xe-133m	2.6621	2.6944	3.5696	3.4072
Xe-135	1.7693	1.4606	1.0693	1.7440
Xe-135m	1.7811	1.1753	1.2012	2.1572
Xe-137	0.5287	0.3376	0.2679	0.5817
Xe-138	2.1704	1.6432	1.8034	2.0793
Y-81	2.0175	1.9445	3.1250	2.8433

Nuclide	avg400	ctr400	mid400	cnr400
Y-83	2.5674	2.5019	4.2875	3.6399
Y-83m	1.7524	1.5425	1.8562	2.1896
Y-84m	5.1602	3.5378	4.8213	2.9164
Y-85	1.5091	1.0531	1.6126	2.2568
Y-85m	1.7132	1.4690	2.3651	2.1270
Y-86	5.8073	4.2450	6.4336	5.0608
Y-86m	1.3925	1.3163	1.0177	1.4504
Y-87	2.6840	2.2616	4.0482	4.6847
Y-87m	1.4547	1.3401	1.4920	1.5610
Y-88	4.5131	3.7105	6.5912	4.9615
Y-89m	1.5734	1.0781	1.5275	0.8012
Y-90	0.0002	0.0002	0.0004	0.0003
Y-90m	2.7712	2.1284	1.6052	3.2098
Y-91	0.0037	0.0025	0.0033	0.0018
Y-91m	1.4616	0.7625	0.6790	1.5106
Y-92	0.4131	0.2710	0.3753	0.2567
Y-93	0.2139	0.1634	0.1551	0.1650
Y-94	1.2244	0.8166	1.1494	0.6885
Y-95	0.9588	0.6445	0.9657	0.6219
Yb-162	2.1601	1.8351	2.5682	2.0211
Yb-163	1.6912	1.3223	2.5388	1.7976
Yb-164	0.8712	0.7333	1.5004	1.0085
Yb-165	2.3746	1.8880	4.2446	3.0197
Yb-166	1.5630	1.2928	2.6645	1.7683
Yb-167	3.4318	2.9547	5.1967	4.0143
Yb-169	3.9262	3.4051	5.4197	4.2756
Yb-175	0.2100	0.1779	0.1857	0.2056
Yb-177	0.6595	0.5327	0.6386	0.4572
Yb-178	0.1778	0.1552	0.1609	0.1718
Yb-179	2.7306	1.6485	1.5958	2.1670
Zn-60	1.6127	1.1173	1.1643	1.1057
Zn-61	0.7090	0.4525	0.5786	0.6068
Zn-62	2.4559	1.9289	3.4775	3.3097
Zn-63	0.2814	0.1780	0.3097	0.2189
Zn-65	1.0717	0.7176	2.1109	1.4958
Zn-69	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.4126	0.9635	0.7578	1.5954
Zn-71	0.7760	0.4376	0.3896	0.7898
Zn-71m	4.3982	2.7931	2.2641	3.9935
Zn-72	1.8192	1.6348	2.8911	2.4229
Zr-85	1.4535	1.0590	1.0786	1.5221
Zr-86	5.2389	5.4236	8.5929	7.6720
Zr-87	0.3754	0.3871	0.7468	0.5489

Nuclide	avg400	ctr400	mid400	cnr400
Zr-88	2.9324	2.9544	4.5500	4.0750
Zr-89	2.7317	2.4265	4.3116	2.9040
Zr-89m	1.5444	0.8953	1.0005	1.3191
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.5027	1.0659	0.9622	0.6534
Zr-97	1.8067	1.2784	1.2216	0.9373