Table I. Isotopic Data

Z	El	A	Abundance(%)	σγ(total) b	g(293°K)	Nγ	Eγ(σγ) for most intense capture gamma rays
1	H	1	99.9885(70)	0.3326(7)	0.999	1	2223.24835(0.3326)
	H	2	0.0115(70)	0.000519(7)	1.000	1	
2	He	3	0.000137(3)	0.000031(9)	1.000	1	20520.46(4.2×10^{-11})
				$\sigma_p(^3He)$=5333(7) b			
	He	4	99.999863(3)	0.0	1.000	0	
3	Li	6	7.59(4)	0.039(4)	1.000	3	
				$\sigma_\alpha(^6Li)$=940(4) b			
	Li	7	92.41(4)	0.045(3)	1.000	3	2032.30(0.0381), 980.53(0.00415), 1051.90(0.00414)
4	Be	9	100	0.0088(4)	1.000	13	6809.61(0.0058), 3367.448(0.00285), 853.630(0.00208)
5	B	10	19.9(7)	0.5(1)	1.000	10	477.595(716)
				$\sigma_\alpha(^{10}B)$=3837(9) b			
	B	11	80.1(7)	0.005(3)	1.000	0	
6	C	12	98.93(8)	0.00353(5)	1.000	6	4945.301(0.00261), 1261.765(0.00124), 3683.920(0.00122)
	C	13	1.07(8)	0.00137(4)	0.998	7	
7	N	14	99.632(7)	0.0798(14)	1.000	60	5269.159(0.0236), 5297.821(0.01680), 5533.395(0.0155)
				$\sigma_p(^{14}N)$=1.83(3) b			
	N	15	0.368(7)	0.000024(8)	1.003	12	
8	O	16	99.757(16)	0.000190(19)	1.000	4	870.68(1.77×10^{-4}), 2184.42(1.64×10^{-4}), 1087.75(1.58×10^{-4})
	O	17	0.038(1)	0.00054(7)	0.999	20	
	O	18	0.205(14)	0.00016(1)	1.000	13	
9	F	19	100	0.0096(5)	1.000	168	*1633.53(0.0096)d,* 583.561(0.00356), 656.006(0.00197)
10	Ne	20	90.48(3)	0.037(4)	1.000	27	2035.67(0.0245), 350.72(0.0198), 4374.13(0.01910)
	Ne	21	0.27(1)	0.67(11)	1.000	11	
	Ne	22	9.25(3)	0.045(6)	1.000	15	1979.89(0.00306), 1017.00(0.0030)
11	Na	23	100	0.530(5)	1.000	240	*1368.66(0.530)d, 2754.13(0.530)d, 472.202(0.478)d*
12	Mg	24	78.99(4)	0.0536(15)	1.001	35	3916.84(0.0320), 585.00(0.0314), 2828.172(0.0240)
	Mg	25	10.00(1)	0.200(5)	1.001	206	1808.668(0.0180), 1129.575(0.00891), 3831.480(0.00418)
	Mg	26	11.01(3)	0.0386(6)	1.001	44	
13	Al	27	100	0.231(3)	1.000	216	*1778.92(0.232)d,* 30.6380(0.0798), 7724.027(0.0493)
14	Si	28	92.2297(7)	0.177(5)	1.001	46	3538.966(0.1190), 4933.889(0.1120), 2092.902(0.0331)
	Si	29	4.6832(5)	0.119(3)	1.003	99	
	Si	30	3.0872(5)	0.107(2)	1.007	39	
15	P	31	100	0.172(6)	1.001	158	512.646(0.079), 78.083(0.059), 636.663(0.0311)
16	S	32	94.93(31)	0.548(10)	1.000	101	840.993(0.347), 5420.574(0.308), 2379.661(0.208)
	S	33	0.76(2)	0.454(25)	1.001	249	
	S	34	4.29(28)	0.235(5)	1.001	55	
	S	36	0.02(1)	0.23(2)	1.014	22	
17	Cl	35	75.78(4)	43.5(4)	1.000	384	1164.8650(8.91), 517.0730(7.58), 6110.842(6.59)
	Cl	37	24.22(4)	0.430(6)	1.000	71	
18	Ar	36	0.3365(30)	5.2(5)	1.016	10	
	Ar	38	0.0632(5)	0.8(2)	1.040	0	
	Ar	40	99.6003(30)	0.66(1)	1.002	40	167.30(0.53), 4745.3(0.36), 1186.8(0.34)
19	K	39	93.2581(44)	2.1(2)	1.001	308	29.8300(1.380), 770.3050(0.903), 1158.887(0.1600)
	K	40	0.0117(1)	30(4)	1.000	490	
	K	41	6.7302(44)	1.45(3)	1.001	638	
20	Ca	40	96.94(16)	0.41(2)	1.001	49	1942.67(0.352), 6419.59(0.176), 4418.52(0.0708)
	Ca	42	0.647(23)	0.68(7)	1.001	44	
	Ca	43	0.135(10)	6.2(6)	1.001	129	
	Ca	44	2.09(11)	0.88(5)	1.001	41	
	Ca	46	0.004(3)	0.72(3)	1.000	10	
	Ca	48	0.187(21)	1.09(14)	1.001	15	
21	Sc	45	100	27.2(2)	1.002	440	227.773(7.13), 147.011(6.08), *142.528(4.88)d*
22	Ti	46	8.25(3)	0.59(18)	1.001	23	
	Ti	47	7.44(2)	1.52(11)	1.001	175	
	Ti	48	73.72(3)	7.88(25)	1.002	92	1381.745(5.18), 6760.084(2.97), 6418.426(1.96)
	Ti	49	5.41(2)	1.79(12)	1.001	88	
	Ti	50	5.18(2)	0.179(3)	1.001	19	
23	V	50	0.250(4)	21(4)	0.999	328	
	V	51	99.750(4)	4.92(4)	1.001	309	*1434.10(4.81)d,* 125.082(1.61), 6517.282(0.78)
24	Cr	50	4.345(13)	15.9(2)	1.000	64	749.09(0.569), 8510.77(0.233), 8482.80(0.169)
	Cr	52	83.789(18)	0.76(6)	1.000	16	7938.46(0.424)
	Cr	53	9.501(17)	18.2(15)	1.000	90	834.849(1.38), 8884.36(0.78), 9719.06(0.260)
	Cr	54	2.365(7)	0.36(4)	1.000	38	
25	Mn	55	100	13.36(5)	1.000	126	*846.754(13.10)d, 1810.72(3.62)d,* 26.560(3.42)
26	Fe	54	5.845(35)	2.25(18)	1.001	33	9297.68(0.0747)
	Fe	56	91.754(36)	2.59(14)	1.000	193	7631.136(0.653), 7645.5450(0.549), 352.347(0.273)
	Fe	57	2.119(10)	2.5(3)	1.001	35	
	Fe	58	0.282(4)	1.30(3)	1.002	67	
27	Co	59	100	37.18(6)	1.000	340	229.879(7.18), 277.161(6.77), 555.972(5.76)
28	Ni	58	68.0769(89)	4.5(2)	1.000	236	8998.414(1.49), 464.978(0.843), 8533.509(0.721)
	Ni	60	26.2231(77)	2.9(2)	1.000	137	7819.517(0.336), 282.917(0.211), 7536.637(0.190)
	Ni	61	1.1399(6)	2.5(8)	1.000	64	
	Ni	62	3.6345(17)	14.5(3)	1.000	53	6837.50(0.458)
	Ni	64	0.9256(9)	1.63(7)	1.000	35	

* Decay gamma: ^{20}F(11.163 s), ^{24}Na(20.20 ms), ^{28}Al(2.2414 m), ^{46}Sc(18.75 s), ^{52}V(3.75 m), ^{56}Mn(2.5789 h)

Table I. Isotopic Data, continued

Z	El	A	Abundance(%)	σγ(total) b	g(293°K)	Nγ	Eγ(σγ) for most intense capture gamma rays
29	Cu	63	69.17(3)	4.52(2)	1.001	305	278.250(0.893), 7915.62(0.869), 159.281(0.648)
	Cu	65	30.83(3)	2.17(3)	1.002	350	185.96(0.244), 465.14(0.1350), 385.77(0.1310)
30	Zn	64	48.63(60)	1.1(1)	1.001	78	115.225(0.167), 7863.55(0.1410), 855.69(0.066)
	Zn	66	27.90(27)	0.62(6)	1.000	17	6958.8(0.043)
	Zn	67	4.10(13)	9.5(14)	1.000	175	1077.335(0.356), 1883.12(0.0718), 1340.14(0.0457)
	Zn	68	18.75(51)	1.07(10)	1.000	33	1007.809(0.056), 5474.02(0.042), 834.77(0.037)
	Zn	70	0.62(3)	0.091(5)	1.000	79	
31	Ga	69	60.108(9)	1.68(7)	1.000	66	508.19(0.349), 690.943(0.305), 187.84(0.1080)
	Ga	71	39.892(9)	4.73(15)	1.001	245	*834.08(1.65)d, 2201.91(0.52)d, 629.96(0.490)d*
32	Ge	70	20.84(87)	3.45(16)	1.000	84	175.05(0.164), 499.87(0.162)
	Ge	72	27.54(34)	0.95(11)	1.000	47	
	Ge	73	7.73(5)	14.4(4)	1.000	603	595.851(1.100), 867.899(0.553), 608.353(0.250)
	Ge	74	36.28(73)	0.53(5)	1.000	47	
	Ge	76	7.61(38)	0.14(2)	1.000	196	
33	As	75	100	4.23(8)	1.000	348	*559.10(2.00)d,* 165.0490(0.996), 86.7880(0.579)
34	Se	74	0.89(4)	51.8(12)	1.001	142	286.5710(0.280)
	Se	76	9.37(29)	85(7)	1.000	456	238.9980(2.06), 520.6370(1.260), *161.9220(0.855)d*
	Se	77	7.63(16)	42(4)	1.000	215	613.724(2.14), 694.914(0.443), 1308.632(0.317)
	Se	78	23.77(28)	0.430(22)	1.000	37	
	Se	80	49.61(41)	0.61(5)	1.000	71	
	Se	82	8.73(22)	0.044(3)	1.000	0	
35	Br	79	50.69(7)	10.32(13)	1.000	257	245.203(0.80), 271.374(0.462), 314.982(0.460)
	Br	81	49.31(7)	2.36(5)	1.000	181	*776.517(0.990)d, 554.3480(0.838)d, 619.106(0.515)d*
36	Kr	78	0.35(1)	4.7(7)	1.000	1	
	Kr	80	2.28(6)	11.5(5)	1.000	1	
	Kr	82	11.58(14)	19(4)	1.000	2	
	Kr	83	11.49(6)	202(10)	0.995	75	881.74(20.8), 1213.42(8.28), 1463.86(7.10)
	Kr	84	57.00(4)	0.111(15)	1.000	7	
	Kr	86	17.30(22)	0.003(2)	1.000	38	
37	Rb	85	72.17(2)	0.48(9)	1.000	90	556.82(0.0913), 487.89(0.0494), *555.61(0.0407)d*
	Rb	87	27.83(2)	0.12(3)	1.000	86	196.34(0.00964)
38	Sr	84	0.56(1)	0.62(6)	1.000	5	
	Sr	86	9.86(1)	1.04(7)	1.000	375	
	Sr	87	7.00(1)	17(3)	1.006	210	1836.067(1.030), 898.055(0.702), 850.657(0.275)
	Sr	88	82.58(1)	0.0058(4)	1.000	57	
39	Y	89	100	1.28(2)	1.005	397	6080.171(0.76), 776.613(0.659), 202.53(0.289)
40	Zr	90	51.45(40)	0.011(5)	1.000	15	1465.7(0.063), 1205.6(0.042), 2042.2(0.032)
	Zr	91	11.22(5)	1.24(25)	1.000	81	934.4640(0.125), 1405.159(0.0301), 560.958(0.0285)
	Zr	92	17.15(8)	0.22(6)	1.000	18	
	Zr	94	17.38(28)	0.0499(24)	1.000	14	
	Zr	96	2.80(9)	0.020(1)	1.000	34	1102.67(0.0235)
41	Nb	93	100	1.15(5)	1.002	535	99.4070(0.196), 255.9290(0.176), 253.115(0.1320)
42	Mo	92	14.84(35)	0.0190	1.000	5	
	Mo	94	9.25(12)	0.0150	1.001	13	
	Mo	95	15.92(13)	13.4(3)	0.998	139	778.221(2.02), 849.85(0.43), 847.603(0.324)
	Mo	96	16.68(2)	0.5(2)	1.001	36	
	Mo	97	9.55(8)	2.5(2)	0.998	110	
	Mo	98	24.13(31)	0.137(5)	1.000	56	
	Mo	100	9.63(23)	0.199(3)	1.000	332	
44	Ru	96	5.54(14)	0.22(2)	1.001	2	
	Ru	98	1.87(3)	<8.0	1.002	1	
	Ru	99	12.76(14)	7.1(10)	1.002	134	539.538(1.53), 686.907(0.52)
	Ru	100	12.60(7)	5.0(6)	1.000	32	
	Ru	101	17.06(2)	3.4(9)	1.001	60	475.0950(0.98), 631.22(0.30), 627.970(0.176)
	Ru	102	31.55(14)	1.21(7)	1.000	173	1959.30(0.210)
	Ru	104	18.62(27)	0.47(2)	1.000	183	
45	Rh	103	100	145(2)	1.023	264	180.87(22.6), 97.14(19.5), 51.50(16.0)
46	Pd	102	1.02(1)	3.4(3)	0.997	4	
	Pd	104	11.14(8)	0.6(3)	1.000	11	
	Pd	105	22.33(8)	21.0(15)	0.995	114	511.843(4.00), 717.356(0.777), 616.192(0.629)
	Pd	106	27.33(3)	0.31(3)	0.999	7	
	Pd	108	26.46(9)	7.6(4)	1.000	140	
	Pd	110	11.72(9)	0.23(3)	1.000	87	
47	Ag	107	51.839(8)	37.6(12)	0.998	172	78.91(3.90), 206.46(3.58), 192.90(2.20)
	Ag	109	48.161(8)	91(1)	1.005	129	198.72(7.75), 235.62(4.62), 117.45(3.85)
48	Cd	106	1.25(6)	~1.0	1.000	0	
	Cd	108	0.89(3)	0.72(13)	1.001	0	
	Cd	110	12.49(18)	11(1)	1.000	191	245.3(274)
	Cd	111	12.80(12)	24(3)	0.995	5	
	Cd	112	24.13(21)	2.2(5)	1.000	0	
	Cd	113	12.22(12)	20600(400)	1.337	134	558.32(1860), 651.19(358)
	Cd	114	28.73(42)	0.34(2)	1.000	0	
	Cd	116	7.49(18)	0.075(20)	1.000	0	

* Decay gamma: ^{72}Ga(39.68 ms), ^{76}As(26.24 h), ^{77}Se(17.36 s), ^{82}Br(35.30 h), ^{86}Rb(1.017 m)

Table I. Isotopic Data, continued

Z	El	A	Abundance(%)	σγ(total) b	g(293°K)	Nγ	Eγ(σγ) for most intense capture gamma rays
49	In	113	4.29(5)	15.1(13)	1.012	232	
	In	115	95.71(5)	283(8)	1.019	199	*1293.54(131)d, 1097.30(87.3)d, 416.86(43.0)d*
50	Sn	112	0.97(1)	0.86(9)	1.000	0	
	Sn	114	0.66(1)	0.12(3)	1.001	0	
	Sn	115	0.34(1)	30(7)	1.000	395	1293.591(0.1340), 972.619(0.0158), 2112.302(0.0152)
	Sn	116	14.54(9)	0.14(3)	1.000	9	158.65(0.0145)
	Sn	117	7.68(7)	1.32(18)	1.000	19	1229.64(0.0673)
	Sn	118	24.22(9)	0.23(5)	1.000	9	
	Sn	119	8.59(4)	2.2(5)	1.000	9	1171.28(0.0879)
	Sn	120	32.58(9)	0.14(3)	1.000	10	
	Sn	122	4.63(3)	0.139(15)	1.000	9	
	Sn	124	5.79(5)	0.134(5)	1.000	25	
51	Sb	121	57.21(5)	5.9(2)	1.003	151	*564.24(2.700)d,* 61.4130(0.75), 78.0910(0.48)
	Sb	123	42.79(5)	4.1(1)	1.001	175	87.6010(0.212), 40.8040(0.10), 155.1780(0.081)
52	Te	120	0.09(1)	2.3(3)	1.000	0	
	Te	122	2.55(12)	3.9(5)	1.000	113	
	Te	123	0.89(3)	418(30)	1.011	162	602.729(2.46), 722.772(0.52), 645.819(0.263)
	Te	124	4.74(14)	6.8(13)	1.000	280	
	Te	125	7.07(15)	1.55(16)	1.000	8	
	Te	126	18.84(25)	1.0(15)	1.000	2	
	Te	128	31.74(8)	0.215(8)	1.000	23	
	Te	130	34.08(62)	0.29(6)	1.000	258	
53	I	127	100	6.2(2)	0.999	348	133.6110(1.42), *442.901(0.595)d,* 27.3620(0.43)
54	Xe	124	0.09(1)	165(11)	1.004	4	
	Xe	126	0.09(1)	3.8(8)	1.000	0	
	Xe	128	1.92(3)	5.2(13)	0.998	7	
	Xe	129	26.44(24)	21(7)	1.001	59	536.17(1.71)
	Xe	130	4.08(2)	4.8(12)	0.998	13	
	Xe	131	21.18(3)	85(10)	1.002	72	667.79(6.7), 772.72(1.78), 630.29(1.41)
	Xe	132	26.89(6)	0.41(5)	1.000	0	
	Xe	134	10.44(10)	0.265(20)	0.999	0	
	Xe	136	8.87(16)	0.26(2)	1.000	113	
55	Cs	133	100	30.3(11)	1.002	384	176.4040(2.47), 205.615(1.560), 510.795(1.54)
56	Ba	130	0.106(1)	8.7(9)	1.000	2	
	Ba	132	0.101(1)	7.0(8)	0.979	2	
	Ba	134	2.417(18)	1.5(3)	1.000	120	
	Ba	135	6.592(12)	5.8(9)	1.000	87	818.514(0.212), 1261.52(0.095)
	Ba	136	7.854(24)	0.68(17)	1.000	96	283.58(0.0404)
	Ba	137	11.232(24)	3.6(2)	1.000	210	1435.77(0.308), 1444.91(0.0801), 462.78(0.0660)
	Ba	138	71.698(42)	0.40(4)	1.000	48	627.29(0.294), 4095.84(0.155), 454.73(0.0853)
57	La	138	0.090(1)	57(6)	1.003	6	
	La	139	99.910(1)	9.04(4)	0.999	308	*1596.21(5.84)d, 487.021(2.79)d, 815.772(1.430)d*
58	Ce	136	0.185(2)	6.5(10)	0.999	65	
	Ce	138	0.251(2)	1.02(24)	0.991	9	
	Ce	140	88.450(51)	0.58(2)	0.999	29	661.99(0.241), 4766.10(0.113), 475.04(0.082)
	Ce	142	11.114(51)	0.97(2)	0.998	48	1107.66(0.040), 737.43(0.026), 4336.46(0.0251)
59	Pr	141	100	11.5(3)	0.999	213	176.8630(1.06), 140.9050(0.479), *1575.6(0.426)d*
60	Nd	142	27.2(5)	18.7(7)	0.998	208	742.106(3.8)
	Nd	143	12.2(2)	325(10)	0.996	119	696.499(33.3), 618.062(13.4), 814.12(4.98)
	Nd	144	23.8(3)	3.6(3)	1.000	16	
	Nd	145	8.3(1)	42(2)	1.000	123	
	Nd	146	17.2(3)	1.41(5)	0.999	73	
	Nd	148	5.7(1)	2.58(14)	1.000	298	
	Nd	150	5.6(2)	1.03(8)	0.999	581	
62	Sm	144	3.07(7)	1.64(10)	0.999	0	
	Sm	147	14.99(18)	57(3)	1.001	22	
	Sm	148	11.24(10)	2.4(6)	1.000	0	
	Sm	149	13.82(7)	40100(600)	1.718	161	333.97(4790), 439.40(28601), 737.44(597)
	Sm	150	7.38(1)	100(4)	0.998	301	
	Sm	152	26.75(16)	206(6)	1.003	160	
	Sm	154	22.75(29)	8.3(5)	1.000	136	
63	Eu	151	47.81(3)	9200(300)	0.900	200	89.847(1430), *841.570(223)d,* 77.23(187)
	Eu	153	52.19(3)	312(7)	0.966	64	
64	Gd	152	0.20(1)	735(20)	0.998	503	
	Gd	154	2.18(3)	85(12)	1.000	329	
	Gd	155	14.80(12)	60900(500)	0.843	324	199.2130(2020), 88.9670(1380)
	Gd	156	20.47(9)	1.8(7)	1.001	0	
	Gd	157	15.65(2)	254000(800)	0.852	390	181.931(72003), 79.5100(40101), 944.174(3090)
	Gd	158	24.84(7)	2.2(2)	1.000	20	
	Gd	160	21.86(19)	1.4(3)	1.000	98	
65	Tb	159	100	23.3(4)	1.000	224	75.0500(1.78), 63.6860(1.46), 64.1100(1.2)

* Decay gamma: ^{116}In(54.41 m),^{122}Sb(2.7238 d),^{128}I(24.99 m),^{140}La(1.6781 d),^{142}Pr(19.12 h),^{152}Eu(9.3116 h)

Table I. Isotopic Data, continued

Z	El	A	Abundance(%)	σγ(total) b	g(293°K)	Nγ	Eγ(σγ) for most intense capture gamma rays
66	Dy	156	0.06(1)	33(3)	1.009	25	
	Dy	158	0.10(1)	43(6)	0.989	0	
	Dy	160	2.34(8)	55(3)	1.009	100	
	Dy	161	18.91(24)	600(25)	0.991	78	185.19(39.1), 882.27(18.3), 80.64(16.5)
	Dy	162	25.51(26)	194(10)	1.005	328	
	Dy	163	24.90(16)	134(7)	1.003	45	
	Dy	164	28.18(37)	2650(70)	0.988	271	184.257(146), 538.609(69.2), 496.931(44.9)
67	Ho	165	100	64.7(12)	1.002	550	136.6650(14.5), 116.8360(8.1), *80.574(3.87)d*
68	Er	162	0.14(1)	19(2)	1.001	1	
	Er	164	1.61(3)	13(2)	1.000	0	
	Er	166	33.61(35)	16.9(16)	1.000	87	
	Er	167	22.93(17)	649(8)	1.069	805	184.2850(56), 815.9890(42.5), 198.2440(29.9)
	Er	168	26.78(26)	2.74(8)	1.000	102	
	Er	170	14.93(27)	8.9(3)	1.000	97	
69	Tm	169	100	105(2)	1.005	302	204.4480(8.72), 149.7180(7.11), 144.4800(5.96)
70	Yb	168	0.13(1)	2300(170)	1.057	233	191.2140(0.22)
	Yb	170	3.04(15)	9.9(18)	1.001	23	
	Yb	171	14.28(57)	58(4)	0.999	266	78.7430(0.67), 181.529(0.53), 1076.246(0.52)
	Yb	172	21.83(67)	1.3(8)	1.000	25	
	Yb	173	16.13(27)	15.5(15)	1.001	44	175.30(0.58), 102.60(0.44), 76.99(0.40)
	Yb	174	31.83(92)	63.2(15)	0.999	176	*514.868(9.0)d,* 639.261(1.43), *396.329(1.42)d*
	Yb	176	12.76(41)	2.85(5)	1.000	129	
71	Lu	175	97.41(2)	23.1(14)	0.976	304	71.5170(3.96), 225.4030(1.73), 310.1870(1.49)
	Lu	176	2.59(2)	2090(70)	1.752	184	150.392(13.8), 457.944(8.3), 138.607(6.79)
72	Hf	174	0.16(1)	549(7)	0.986	23	
	Hf	176	5.26(7)	24(3)	1.002	5	
	Hf	177	18.60(9)	373(10)	1.020	308	213.439(29.3), 93.182(13.3), 325.559(6.69)
	Hf	178	27.28(7)	137(7)	1.003	347	*214.3410(16.3)d,* 214.3410(5.7), 303.9880(3.38)
	Hf	179	13.629(6)	41(3)	0.997	339	
	Hf	180	35.08(16)	13.04(7)	0.997	105	
73	Ta	180	0.012(2)	563(60)	1.358	0	
	Ta	181	99.988(2)	20.5(5)	1.004	262	270.4030(2.60), 173.2050(1.210), 402.623(1.180)
74	W	180	0.12(1)	<150	0.997	3	
	W	182	26.50(16)	19.9(2)	1.003	131	6190.78(0.45), 46.4840(0.192), 5164.43(0.19)
	W	183	14.31(4)	10.3(2)	0.999	211	111.216(0.195), 792.059(0.119), 903.274(0.115)
	W	184	30.64(2)	1.7(1)	0.999	75	4573.7(0.104)
	W	186	28.42(19)	38.5(5)	1.001	225	*685.73(3.24)d, 479.550(2.59)d, 72.002(1.32)d*
75	Re	185	37.40(2)	112(2)	1.004	188	59.0100(5.5), *137.157(5.29)d,* 214.647(2.53)
	Re	187	62.60(2)	79.2(10)	0.982	218	63.5820(8.0), *155.041(7.16)d,* 207.853(4.44)
76	Os	184	0.02(1)	3000(150)	1.000	72	
	Os	186	1.59(3)	80(13)	0.998	38	
	Os	187	1.96(2)	245(40)	0.983	174	155.10(1.19), 633.14(0.585), 478.04(0.523)
	Os	188	13.24(8)	4.7(5)	1.002	163	272.82(0.242)
	Os	189	16.15(5)	25(4)	1.004	147	186.7180(2.08), 557.978(0.84), 569.344(0.694)
	Os	190	26.26(2)	13.1(9)	0.997	76	5146.63(0.409), 527.60(0.300)
	Os	192	40.78(19)	3.12(16)	1.000	95	
77	Ir	191	37.3(2)	954(10)	0.996	286	351.689(10.9), 84.2740(7.7), 136.1250(6.5)
	Ir	193	62.7(2)	111(5)	1.017	303	*328.448(9.1)d,* 371.5020(2.11), 278.5040(1.8)
78	Pt	190	0.014(1)	142(4)	0.998	0	
	Pt	192	0.782(7)	10.0(25)	1.001	0	
	Pt	194	32.967(99)	0.58(19)	1.000	64	
	Pt	195	33.832(10)	28.5(12)	1.000	235	355.6840(6.17), 332.985(2.580)
	Pt	196	25.242(41)	0.45(4)	1.000	36	
	Pt	198	7.163(55)	3.66(19)	1.000	44	
79	Au	197	100	98.65(9)	1.005	737	*411.8020(94.30)d,* 214.9710(9.0), 247.5730(5.56)
80	Hg	196	0.15(1)	3190(180)	0.988	10	
	Hg	198	9.97(20)	2.0(3)	1.001	3	
	Hg	199	16.87(22)	2150(50)	0.989	425	367.947(251), 5967.02(62.5), 1693.296(56.2)
	Hg	200	23.10(19)	<60	1.000	0	
	Hg	201	13.18(9)	5.7(12)	1.000	97	
	Hg	202	29.86(26)	4.42(7)	1.000	0	
	Hg	204	6.87(15)	0.43(10)	1.000	13	
81	Tl	203	29.524(14)	11.4(2)	1.000	113	139.94(0.400), 347.96(0.361), 318.88(0.325)
	Tl	205	70.476(14)	0.104(17)	1.000	13	
82	Pb	204	1.4(1)	0.66(7)	1.001	35	
	Pb	206	24.1(1)	0.0266(12)	1.001	6	
	Pb	207	22.1(1)	0.63(3)	1.001	23	7367.78(0.137)
	Pb	208	52.4(1)	0.00023(3)	1.003	0	
83	Bi	209	100	0.0338(7)	0.999	230	4171.05(0.0171), 4054.57(0.0137), 319.78(0.0115)
90	Th	232	100	7.35(3)	0.995	196	583.27(0.279), 566.63(0.19), 472.30(0.165)
92	U	234	0.0055(5)	99.8(13)	0.990	49	
	U	235	0.7200(51)	98.3(8)	0.985	8	297.00(0.220), 1279.01(0.200), 943.14(0.082)
	U	238	99.274(11)	2.680(19)	1.002	267	*74.6640(1.30000)d, 106.1230(0.723)d, 277.5990(0.382)d*

* Decay gamma: ^{166}Ho(26.80 h),^{175}Yb(4.185 d),^{179}Hf(18.67 s),^{187}W(23.72 h),^{186}Re(3.7183 d),^{188}Re(17.005 h), ^{194}Ir(19.28 h),^{198}Au(2.69517 d),^{239}U(23.45 m)