$E_{Measured}$ (keV)	$E_{Accepted}$ (keV)	Source	RI	χ^2
510.91 ± 0.46	$(5.11 \pm 0) \times 10^2$	Pair production	529.42	325.244
1460.82 ± 0.30	1460.8220 ± 0.0060	$^{40}_{19}$K	601.78	2695.882
1120.25 ± 0.33	1120.5370 ± 0.0030	$^{46}_{21}$Sc	71.78	94.943
1238.25 ± 0.13	1238.2736 ± 0.0022	$^{56}_{27}$Co	48.75	52.618
510.91 ± 0.46	$(5.11 \pm 0) \times 10^2$	$^{58}_{27}$Co	529.42	325.244
510.91 ± 0.46	$(5.11 \pm 0) \times 10^2$	$^{64}_{29}$Cu	529.42	325.244
510.91 ± 0.46	$(5.11 \pm 0) \times 10^2$	$^{65}_{30}$Zn	529.42	325.244
510.91 ± 0.46	$(5.11 \pm 0) \times 10^2$	$^{68}_{31}$Ga	529.42	325.244
1460.82 ± 0.30	1460.8220 ± 0.0060	$^{40}_{19}$K	601.78	2695.882
295.26 ± 0.15	294.980 ± 0.020	$^{103}_{44}$Ru	253.38	17.558
443.83 ± 0.19	443.800 ± 0.020	$^{103}_{44}$Ru	184.14	39.032
794.56 ± 0.76	795.830 ± 0.030	$^{134}_{55}$Cs	91.17	13.615
661.62 ± 0.22	661.6570 ± 0.0030	$^{137}_{55}$Cs	18420.51	107585.999
81.02 ± 0.13	80.9979 ± 0.0011	$^{133}_{56}$Ba	502.79	4764.944
302.83 ± 0.20	302.85080 ± 0.00050	$^{133}_{56}$Ba	243.29	5.391
355.97 ± 0.17	356.01290 ± 0.00070	$^{133}_{56}$Ba	561.83	39.577
121.74 ± 0.14	121.78170 ± 0.00030	$^{152}_{63}$Eu	4542.07	3136.977
244.69 ± 0.16	244.69740 ± 0.00080	$^{152}_{63}$Eu	774.09	-51919.300
344.25 ± 0.18	344.2785 ± 0.0012	$^{152}_{63}$Eu	1665.39	192.947
411.16 ± 0.14	411.1165 ± 0.0012	$^{152}_{63}$Eu	140.55	19.061
443.83 ± 0.19	443.9650 ± 0.0030	$^{152}_{63}$Eu	184.14	39.032
778.88 ± 0.25	778.9045 ± 0.0024	$^{152}_{63}$Eu	255.85	378.184
867.38 ± 0.31	867.3800 ± 0.0030	$^{152}_{63}$Eu	68.42	12.426
964.05 ± 0.24	964.072 ± 0.018	$^{152}_{63}$Eu	269.09	258.310
1085.85 ± 0.27	1085.837 ± 0.010	$^{152}_{63}$Eu	146.25	345.044
1112.12 ± 0.28	1112.0760 ± 0.0030	$^{152}_{63}$Eu	171.28	123.887
1408.00 ± 0.31	1408.0130 ± 0.0030	$^{152}_{63}$Eu	203.10	870.759
411.16 ± 0.14	410.9560 ± 0.0030	$^{166m}_{67}$Ho	140.55	19.061
63.28 ± 0.12	63.120440 ± 0.000040	$^{169}_{70}$Yb	320.18	-6767.919
583.11 ± 0.24	583.1870 ± 0.0020	$^{208}_{81}$Tl	191.07	57.721
860.62 ± 0.15	860.560 ± 0.030	$^{208}_{81}$Tl	32.66	2.187
2614.66 ± 0.39	2614.511 ± 0.010	$^{208}_{81}$Tl	117.85	1594.615
238.60 ± 0.16	238.6320 ± 0.0020	$^{212}_{82}$Pb	692.62	91.244
295.26 ± 0.15	295.2240 ± 0.0020	$^{214}_{82}$Pb	253.38	17.558
351.86 ± 0.19	351.9320 ± 0.0020	$^{214}_{82}$Pb	348.31	14.072
727.29 ± 0.29	727.330 ± 0.010	$^{212}_{83}$Bi	47.03	4.472
609.24 ± 0.20	609.3160 ± 0.0030	$^{214}_{83}$Bi	301.13	129.597
1120.25 ± 0.33	1120.287 ± 0.010	$^{214}_{83}$Bi	71.78	94.943
1238.25 ± 0.13	1238.110 ± 0.012	$^{214}_{83}$Bi	48.75	52.618
1408.00 ± 0.31	1407.9930 ± 0.0070	$^{214}_{83}$Bi	203.10	870.759
1764.58 ± 0.34	1764.539 ± 0.015	$^{214}_{83}$Bi	83.19	197.763
1847.53 ± 0.36	1847.420 ± 0.025	$^{214}_{83}$Bi	15.56	24.772
2204.29 ± 0.41	2204.071 ± 0.021	$^{214}_{83}$Bi	25.42	205.451
63.28 ± 0.12	63.290 ± 0.020	$^{234}_{90}$Th	320.18	-6767.919
92.58 ± 0.17	92.380 ± 0.010	$^{234}_{90}$Th	588.37	-6349.182
92.58 ± 0.17	92.800 ± 0.020	$^{234}_{90}$Th	588.37	-6349.182
59.53 ± 0.13	59.54090 ± 0.00010	$^{241}_{95}$Am	4504.14	-11635.446
59.53 ± 0.13	59.54090 ± 0.00010	$^{241}_{95}$Am	4504.14	-11635.446
10.56 ± 0.21	10.508 ± 0	$^{75}_{34}$Se As Kα2	550.48	-4384.009
10.56 ± 0.21	10.5437 ± 0	$^{75}_{34}$Se As Kα1	550.48	-4384.009
10.56 ± 0.21	10.622 ± 0	$^{228}_{90}$Th Ra Ll	550.48	-4384.009
72.81 ± 0.13	72.80490 ± 0.00080	$^{228}_{90}$Th Pb Kα2	3460.73	12117.928
72.81 ± 0.13	72.805 ± 0	$^{207}_{83}$Bi Pb Kα2	3460.73	12117.928
72.81 ± 0.13	72.87250 ± 0.00080	$^{203}_{80}$Hg Tl Kα1	3460.73	12117.928
74.97 ± 0.14	74.97 ± 0	$^{207}_{83}$Bi Pb Kα1	6876.17	-18528.417
74.97 ± 0.14	74.97000 ± 0.00090	$^{228}_{90}$Th Pb Kα1	6876.17	-18528.417
77.11 ± 0.12	77.1088 ± 0.0010	$^{228}_{90}$Th Bi Kα1	227.92	-6612.198
59.53 ± 0.13	59.48 ± 0.32	$^{170}_{69}$Tm Yb Kβ'1	4504.14	-11635.446
10.56 ± 0.21	11.8 ± 3.1	$^{198}_{79}$Au Hg L	550.48	-4384.009
10.56 ± 0.21	11.8 ± 3.1	$^{201}_{81}$Tl Hg L	550.48	-4384.009
10.56 ± 0.21	11.8 ± 2.9	$^{203}_{80}$Hg Tl L	550.48	-4384.009
84.80 ± 0.18	84.96 ± 0.51	$^{207}_{83}$Bi Pb Kβ'1	2945.83	-12049.349
84.80 ± 0.18	84.96 ± 0.51	$^{228}_{90}$Th Pb Kβ'1	2945.83	-12049.349
87.29 ± 0.17	87.35 ± 0.51	$^{228}_{90}$Th Bi Kβ'1	1063.96	-6762.176
87.29 ± 0.17	87.62 ± 0.38	$^{207}_{83}$Bi Pb Kβ'2	1063.96	-6762.176
87.29 ± 0.17	87.62 ± 0.38	$^{228}_{90}$Th Pb Kβ'2	1063.96	-6762.176
10.56 ± 0.21	12.5 ± 3.3	$^{207}_{83}$Bi Pb L	550.48	-4384.009
10.56 ± 0.21	12.2 ± 3.0	$^{228}_{90}$Th Pb L	550.48	-4384.009
10.56 ± 0.21	11.6 ± 2.2	$^{192}_{77}$Ir Pt L	550.48	-4384.009
10.56 ± 0.21	12.6 ± 3.1	$^{228}_{90}$Th Bi L	550.48	-4384.009
74.97 ± 0.14	74.96 ± 0.10	$^{235}_{92}$U	6876.17	-18528.417

129.22 ± 0.17	129.2960 ± 0.0010	$^{235}_{92}\mathrm{U}$	197.12	1298.726
302.83 ± 0.20	302.870 ± 0.050	$^{235}_{92}\mathrm{U}$	243.29	5.391
411.16 ± 0.14	411.20 ± 0.30	$^{235}_{92}\mathrm{U}$	140.55	19.061
583.11 ± 0.24	582.89 ± 0.10	$^{235}_{92}\mathrm{U}$	191.07	57.721
803.12 ± 0.12	803.20 ± 0.20	$^{235}_{92}\mathrm{U}$	49.84	6.041
1460.82 ± 0.30	1460.8220 ± 0.0060	$^{40}_{18}\mathrm{Ar}$	601.78	2695.882
1460.82 ± 0.30	1460.8220 ± 0.0060	$^{40}_{18}\mathrm{Ar}$	601.78	2695.882
77.11 ± 0.12	77.010 ± 0.040	$^{237}_{92}\mathrm{U}$	227.92	-6612.198