Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
647.4 *3*	0.29 *3*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
647.47 *6*	0.024 *2*	^{52}V(3.75 m)	1434.068(100), 1333.649(0.588), 1530.67(0.116)
• 647.47 *6*	†0.409 *17*	^{52}Mn(5.591 d)	1434.068(†100.0), 935.538(†94.9), 744.233(†90.6)
647.48 *2*	0.108 *12*	^{147}La(4.015 s)	117.718(12), 186.320(6.48), 438.30(5.04)
647.49 *9*	0.202 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
647.5 *2*	†1.8 *2*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
647.5 *3*	0.57 *8*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)
647.51 *2*	19.4 *3*	^{133}Te(55.4 m)	912.671(55.28), 863.955(15.6), 914.774(10.94)
647.58 *3*	53 *3*	^{98}Y(2.0 s)	1223.0(80), 620.505(63), 1801.5(40)
647.6 *3*	1.20 *24*	^{71}Br(21.4 s)	260.5(8.0), 233.7(6.5), 171.6(6.2)
647.7 *3*	4.8 *5*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
647.7 *8*	†1.56×10^3 *15*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
647.7 *4*	†9	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
647.75 *7*	2.03 *16*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
• 647.796 *7*	0.0141 *13*	^{155}Tb(5.32 d)	86.545(32.0), 105.305(25), 180.103(7.45)
647.8 *3*	28 *3*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)
647.8 *3*	0.39 *5*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
647.8 *4*	2.6 *2*	^{200}Bi(36.4 m)	1026.5(100), 462.34(98), 419.70(91)
647.88 *10*	2.57 *17*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
647.91 *40*	0.057	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
648.0 *10*	0.16 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
648.0 *1*	0.61 *5*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
648.0 *1*	0.10 *3*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
648.1	6.30 *18*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
648.1 *6*	0.41 *12*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
648.10 *2*	4.3 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
648.2 *3*	0.29 *5*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
648.2 *3*	0.35	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
648.3 *1*	3.6 *4*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
648.4	0.08	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
648.4 *3*	19 *5*	^{150}Tb(5.8 m)	638.05(100), 650.4(70), 438.37(42)
648.4 *3*	0.007 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
648.4 *2*	†2.0 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
648.45 *8*	0.124 *16*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
648.49 *4*	1.571 *23*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
648.5 *4*	0.00018 *3*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
• 648.5 *5*	†0.0012 *4*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
648.5 *3*	0.26 *4*	^{237}Am(73.0 m)	280.23(47.3), 438.4(8.3), 473.5(4.3)
648.56 *6*	0.0075 *19*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
648.58 *8*	0.39 *10*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
648.6 *10*		^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
648.7 *3*	0.23 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
648.7 *5*	0.74 *14*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
648.7 *3*	0.36 *8*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
648.7 *8*	0.087 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
648.7 *3*	†0.90 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
648.70 *7*	0.843 *22*	^{210}Rn(2.4 h)	458.25(1.7), 570.95(0.840), 72.70(0.59)
648.7 *5*	†29	^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
648.76 *6*	0.057 *13*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
648.77 *12*	3.0 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
648.78 *9*	0.15	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
648.8 *2*	†21	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 685.4(†41)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
648.8 *3*	0.55 *15*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
648.8 *4*	†6.7×10^{2} *14*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
• 648.80 *2*	28.4 *20*	^{254}Es(39.3 h)	693.79(24.3), 688.68(12.3), 584.32(2.84)
648.84 *10*	0.041 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
648.9 *1*	0.0124 *10*	^{83}Br(2.40 h)	529.635(1.200), 520.39(0.0576), 552.63(0.0200)
• 648.9 *1*	0.085 *5*	^{83}Rb(86.2 d)	520.39(44.7), 529.635(29.3), 552.63(16.0)
648.9 *1*	0.23 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
648.9 *2*	0.25	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
648.98 *8*	0.57 *4*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
649.0 *2*	0.79 *10*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
649.0 *1*	1.80 *18*	^{198}Pb(2.40 h)	290.3(36), 365.4(19), 173.4(18)
649.0 *10*	†1.02×10^{3} *23*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 649.0 *10*	0.005	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 649.06 *8*	0.0107 *8*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
649.10 *10*	3.0 *4*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
649.1 *4*	0.81 *8*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
649.1 *3*		^{147}La(4.015 s)	117.718(12), 186.320(6.48), 438.30(5.04)
649.1 *3*	23.4 *23*	^{159}Er(36 m)	624.5(33), 205.92(9.7), 165.9(5.0)
649.1 *3*	0.035 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
649.12 *10*	†41 *8*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 649.12 *10*	0.027 *6*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
649.17 *20*	0.32 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
649.18 *7*	0.055 *11*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 649.20 *29*	0.0037	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
649.20 *29*	†1.1×10^{3} *8*	^{105}Ag(7.23 m)	319.14(†63000), 306.25(†12800), 442.37(†5900)
649.2 *4*	†10	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
• 649.2 *1*	0.0014 *4*	^{225}Ac(10.0 d)	99.91(1.01), 150.04(0.80), 99.63(0.62)
649.22 *16*	0.20 *10*	^{149}Pr(2.26 m)	138.447(11.0), 165.087(9.9), 108.520(9.5)
649.3 *2*	0.070 *12*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
• 649.31 *3*	7.1×10^{-7} *5*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
649.33 *15*	0.222 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
649.4 *2*	2.08 *12*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
649.4 *3*	>0.19	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
649.42 *20*	0.014 *3*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
649.42 *8*	1.39 *16*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
649.42 *5*	2.6	^{206}Hg(8.15 m)	304.896(31), 344.52(0.7)
• 649.42 *5*	3.8	^{210}Bi(3.04×10^{6} y)	265.832(50), 304.896(28), 344.52(0.7)
649.48 *4*	0.366 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
649.5 *6*	0.022 *4*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
649.5 *5*	0.29 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
649.5 *3*	0.34 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
649.5 *7*	0.34 *5*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 649.564 *11*	0.078 *3*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
649.564 *11*	10.9 *6*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
649.564 *11*	8.6 *7*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
649.59 *12*	0.70 *8*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
• 649.6		^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
649.6 *1*	1.54 *16*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
649.6 *2*	0.11 *5*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
• 649.60 *15*	0.045 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 649.6 *5*	0.043 *13*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
649.7 *2*	33	^{65}Ge(30.9 s)	62.0(27), 809.1(21.5), 190.8(10.3)
649.7 *3*	1.54 *15*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 649.72 *12*	0.056 *7*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
649.72 *3*	0.34 *5*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
649.8 *3*	2.87 *22*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
649.8 *3*	†0.27 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
649.8 *15*	0.010 *4*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
649.81 *9*	0.0249 *17*	^{81}Se(18.45 m)	275.988(0.7), 290.03(0.55), 828.27(0.280)
649.85 *4*	0.46 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
649.90 *15*	28.0 *24*	^{109}Sn(18.0 m)	1099.4(30), 1321.3(11.9), 331.1(9.7)
649.9 *3*	†41 *3*	^{117}Pd(4.3 s)	247.5(†100), 323.9(†37), 625.9(†28)
649.9 *2*	0.052 *20*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
650 *3*		^{46}K(105 s)	1346.0(100), 1228.7(6.4), 1675(3.5)
650.0 *3*	2.2 *6*	^{99}Zr(2.1 s)	469.140(55), 546.13(48.6), 593.990(27.4)
650.0 *3*	0.68 *7*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
650.00 *30*	0.023 *5*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
650.0 *1*	1.8 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
650.05 *15*	0.08 *3*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
650.1 *2*	†2.8 *1*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
650.1 *3*	0.036 *5*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
650.14 *6*	4.9 *3*	^{63}Ga(32.4 s)	637.04(11), 627.10(10.3), 192.94(5.7)
650.20 *12*	20 *3*	^{122}Ag(0.48 s)	569.45(96), 759.70(33), 798.4(12)
650.3 *3*	†16	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
650.3 *3*	6.8 *15*	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
650.4 *5*	1.31 *15*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
650.4 *1*	0.552 *25*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
650.4 *2*	70 *3*	^{150}Tb(5.8 m)	638.05(100), 438.37(42), 827.48(41)
650.4 *2*	4.03 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
650.5 *10*	0.62 *16*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
650.5 *10*	<1.9	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
650.5 *2*	2.57 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
650.5 *10*	3.3 *5*	^{164}Ta(14.2 s)	211.05(74), 376.8(22), 605.0(14)
650.5 *4*	0.26 *4*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
• 650.529 *60*	2.7×10^{-7} *4*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
650.56 *15*	0.188 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
650.6 *11*	0.028 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
650.6 *3*	4.3 *7*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
650.66 *5*	1.65 *13*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
• 650.72 *6*	2.538 *17*	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
650.72 *6*	†>2.5×10^{2}	^{105}Ag(7.23 m)	319.14(†63000), 306.25(†12800), 442.37(†5900)
650.8 *2*	0.37 *3*	^{92}Sr(2.71 h)	1383.93(90), 953.31(3.52), 430.49(3.28)
650.8 *5*	0.24 *6*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
650.8 *3*	0.007 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
650.8 *6*	†48 *12*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
650.8 *4*	0.044	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 650.89 *15*	0.0114 *25*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
650.9 *3*	†1.5 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
650.9 *5*	0.77 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
650.9 *3*	†1.53 *20*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
• 650.91 *13*	0.00028 *9*	^{127}Te(109 d)	57.61(0.50), 658.89(0.0122), 593.31(0.00225)
• 650.96 *18*	0.0099 *4*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
651.0 *6*	0.110 *25*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
651.0	0.06 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
651	†37	^{149}Tb(4.16 m)	795.9(†111), 164.98(†8.3), 773(†3.9)
651.01 *10*	0.97 *9*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
651.08 *7*	0.053 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
651.09 *11*	0.95 *10*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 651.10 *10*	0.012 *6*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
651.12 *10*	32.1 *16*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 1777.70(20.1)
651.2 *2*	0.0088 *17*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
651.256 *5*	0.88 *4*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
651.3	0.07	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
651.3 *3*	0.35 *7*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
651.3 *1*	0.32 *5*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
651.3 *3*	0.038 *6*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
651.35	3.02 *12*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
651.4 *4*	8.5 *6*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
651.4 *4*	0.28 *14*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
651.41 *14*	0.43 *7*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
651.41 *5*	0.43 *3*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
651.46 *19*	1.0 *3*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
651.49 *4*	0.093 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
651.5 *6*	0.50 *13*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
651.5 *2*	0.30 *5*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
• 651.5 *5*	0.019 *10*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
651.58 *15*	1.5 *4*	^{123}Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
651.6 *2*	0.54 *6*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
651.6 *2*	†14	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
651.6 *2*	0.52 *10*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
651.6 *3*	0.19 *4*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
651.60 *6*		^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
651.61 *5*	0.106 *10*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
• 651.68 *24*	0.045 *6*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
651.7 *5*	0.51 *15*	^{98}Sr(0.653 s)	119.353(73), 444.628(39), 428.4(31)
651.7	1.1 *4*	^{145}Tb(29.5 s)	257.8(39), 987.8(37), 537.0(23)
• 651.8 *4*	0.0069 *23*	^{103}Ru(39.26 d)	497.080(90.9), 610.33(5.75), 443.799(3.27)
651.8 *4*	0.5 *3*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
651.8 *1*	0.47 *6*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
651.8 *10*	0.17 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
651.8 *3*	0.039 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 651.8 *3*	0.016 *6*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
651.85 *25*	†6.0 *7*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
651.9 *5*	†3.4 *10*	^{113}I(6.6 s)	462.5(†100), 622.4(†74), 351.5(†43)
651.9 *3*	11 *7*	^{116}Rh(0.9 s)	340.5(90), 639.4(52), 538.4(40)
651.9 *5*	0.7 *1*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
651.94 *12*	0.23 *5*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)
651.96 *7*	1.10 *8*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
652.053 *5*		^{235}Pa(24.5 m)	659.3, 645.896, 637.717
• 652.053 *5*	6.6×10^{-6} *2*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
652.1	1.5	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
652.1 *1*	0.40 *4*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
652.1 *2*	†1.2 *3*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
• 652.1 *4*	0.040 *10*	^{241}Cm(32.8 d)	471.805(71), 430.634(4.06), 132.413(3.86)
652.12 *2*	16.25 *22*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
652.2 *3*	0.14 *3*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
652.2 *3*	11.4 *13*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 307.1(10)
652.2 *3*	0.47 *15*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
652.2 *2*	0.22	^{227}Ra(42.2 m)	27.36(16), 300.07(4.6), 302.65(4.3)
652.28 *13*	0.269 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
652.3 *3*	2.97 *17*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
652.3 *1*	0.46 *15*	^{96}Sr(1.07 s)	122.297(76.50), 809.401(71.9), 931.7(11.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
652.3 *3*	0.028 *9*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
• 652.3 *9*	0.37 *7*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 783.7(15.0)
652.3 *14*	0.133 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
652.31 *6*	2.71 *20*	^{132}Sn(39.7 s)	340.53(49), 85.58(48.2), 899.04(44.8)
652.36 *10*	†1.8 *5*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
652.4 *3*	68 *2*	^{72}Cu(6.6 s)	1004.6(12.0), 1657.7(10.1), 846.5(7.8)
652.4 *3*	0.108 *18*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
652.4 *2*	0.42 *5*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
652.4 *4*	†1.6 *3*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
• 652.43 *4*	100	^{98}Tc(4.2×10^6 y)	745.36(102)
652.43 *4*	94	^{98}Rh(8.7 m)	745.36(5.3), 1817.0(4.7), 1164.78(4.5)
652.43 *4*	96 *10*	^{98}Rh(3.5 m)	745.36(78), 1144.52(8.5), 761.84(<8)
652.5 *5*	0.06 *3*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
• 652.5 *4*	0.099 *24*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
652.5 *1*	0.044 *22*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
652.5 *2*	0.17	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
652.5 *5*	0.20 *8*	^{162}Yb(18.87 m)	163.35(40.0), 118.70(33.6), 576.10(3.24)
652.5 *4*	†6.0 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
652.5 *3*	22.0 *13*	^{181}Lu(3.5 m)	205.94(16.1), 574.9(15.4), 805.7(8.8)
652.5 *7*	0.46 *12*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 652.53	0.09	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 652.59 *15*	0.021 *7*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
652.6 *5*	0.038 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 652.6 *1*	0.0407 *19*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
652.62 *6*	1.7 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
652.63 *2*	0.26 *6*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
• 652.65 *20*	0.0166 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
652.7 *11*	0.028 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
652.70 *10*	0.31 *3*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
652.7 *2*	†15	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 685.4(†41)
652.72 *5*	1.02 *4*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
652.8 *5*	1.45 *15*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
652.8 *8*	0.33	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
652.8 *2*	†1.27 *24*	^{131}Ce(5.0 m)	230.43(†100), 436.85(†7.3), 462.9(†6.9)
652.8 *3*	0.067 *22*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
652.8 *1*	0.44 *5*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
652.80 *6*	0.143 *10*	^{249}Cm(64.15 m)	634.31(1.5), 560.45(0.84), 368.76(0.35)
652.84 *9*	0.33 *4*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
652.9 *2*	8.0 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 925.8(3.84)
652.9 *1*		^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
652.9 *1*		^{91}Tc(3.3 m)	502.90(51.4), 927.60(3.79), 1328.40(2.55)
652.9 *4*	1.6 *3*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
652.9 *5*	0.32 *6*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
652.9 *1*	18.7 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
652.9 *3*	0.352 *25*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
652.9 *3*	†10 *4*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
652.94 *5*	4.5 *3*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
653.0 *5*	0.61 *13*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
653.0 *3*	0.24 *9*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
653 *2*	0.37 *13*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
653	†0.41	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
653.0 *2*	0.049 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
• 653.02 *4*	†3.77×10^5 *8*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
653.04 *11*	0.0102 *17*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
653.08 *19*	†1.2 *4*	^{126}Cd(0.506 s)	260.09(†100), 428.11(†83.7), 688.23(†5.9)
653.1 *3*	2.54 *15*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
653.20 *10*	0.8 *5*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
653.20 *20*	0.62 *5*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
• 653.20 *4*	0.148 *7*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 653.20 *4*	0.28 *7*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
653.2 *4*	†4.9	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
• 653.2 *2*	0.149 *10*	^{241}Cm(32.8 d)	471.805(71), 430.634(4.06), 132.413(3.86)
653.25 *15*	10.1 *15*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
653.30 *10*	0.16 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
653.3 *5*	0.036 *18*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
653.3 *6*	0.61 *22*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
653.3	100 *5*	^{150}Ho(26 s)	803.4(100), 393.9(93), 550.9(88)
653.3	15.3 *18*	^{150}Ho(72 s)	803.4(90), 591.3(23), 983(9)
653.3 *5*	0.06	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
653.4 *1*	0.024 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
653.40 *10*	0.4	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
653.40 *10*	4.4 *4*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
653.4 *3*	0.11 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
653.4 *1*	2.53 *18*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
653.5 *1*	0.75 *8*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
• 653.512 *25*	15.0 *7*	^{145}Eu(5.93 d)	893.73(66), 1658.53(14.9), 1997.00(7.2)
653.6 *1*	8.9 *4*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
653.6 *6*	0.4 *4*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
653.6 *2*	†1.17 *11*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
653.7 *4*	9.2 *7*	^{179}Yb(8.0 m)	592.1(75), 612.3(35.4), 381.4(9.6)
653.7 *2*	†59 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
653.7 *1*	0.46 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
653.7 *1*		^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
653.75 *12*	0.44 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
653.8 *5*	0.09 *4*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
653.8	†0.3	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
653.83 *8*	8.0×10^{-5} *3*	^{135}La(19.5 h)	480.51(1.5), 874.51(0.164), 587.83(0.1108)
653.9	0.018	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
653.9 *3*	0.018 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
653.9 *3*	0.21 *3*	^{184}Pt(17.3 m)	154.90(31), 191.97(27), 548.36(23.1)
653.92 *40*	>0.05	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
653.92 *6*	0.120 *8*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
653.98 *8*	0.31 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
654	0.43	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
654.0 *3*	0.7 *3*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
654.0 *3*	0.088 *6*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
654.0 *5*	†44	^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
654.02 *9*	0.09 *9*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
654.03 *4*	0.342 *23*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
654.08 *8*	0.145 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
654.1 *1*	†3.4 *4*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
654.1 *3*	7.5 *14*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
654.1 *3*	0.81 *12*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
654.15 *9*	†1.09 *8*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
654.16 *9*	0.225 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
654.2 *1*	2.9 *6*	^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
654.2 *2*	17 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
654.2 *4*	0.38 *9*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
654.2	0.45 *9*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 654.220 *5*	1.62 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
• 654.25 *6*	0.241 *16*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
654.26 *1*	1.526 *14*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
654.296 *23*	0.0451 *18*	^{135}Xe(9.14 h)	249.770(90), 608.151(2.90), 408.009(0.359)
654.3 *5*	3.01 *21*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
654.3 *5*	†1.2 *3*	^{164}Hf(111 s)	122.1(†100), 153.3(†47), 313.7(†22)
654.358 *16*	0.372 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
654.36 *27*	0.031 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
654.39 *6*	0.34 *9*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
654.4 *2*	1.58 *11*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
654.4 *2*	4.2 *7*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
654.4 *4*	0.18 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
654.4 *7*	†0.32 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
654.42 *8*	0.70 *5*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
654.49 *24*	0.231 *12*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
654.5 *2*	0.195 *19*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
654.5 *5*	2.1 *4*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
654.5 *5*	0.32 *4*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
654.5 *3*	0.017	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
654.51 *5*	0.0138 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
654.53 *11*	0.78 *22*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
• 654.54 *8*	0.024 *3*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
• 654.55 *11*	0.0042 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
654.6 *2*	72	^{82}As(13.6 s)	343.5(58), 1895.4(39), 1731.3(28)
654.6 *2*	15	^{82}As(19.1 s)	1731.3(4.1), 755.2(1.81), 1080.3(1.69)
654.6 *2*	0.088 *12*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
654.64 *9*	3.5 *7*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
654.7 *1*	0.45 *10*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
654.7 *2*	0.150 *16*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
654.7 *3*	2.0 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
654.7 *1*	0.14 *4*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
654.8 *4*	2.6 *3*	^{146}Tb(23 s)	1579.4(100), 1078.6(51.6), 1417.2(17.2)
654.8 *3*	0.049 *10*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
654.8 *6*	0.58 *14*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
654.8	†3.5 *3*	^{178}Ir(12 s)	266.1(†100.0), 131.6(†79), 363.1(†39.9)
• 654.81 *3*	2.25×10^{-6} *3*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
654.831 *13*	8.0 *4*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
654.84 *7*	0.127 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
654.9 *18*	0.0030 *11*	^{20}Na(447.9 ms)	1633.602(79.3), 8638(<2.59), 2852(<0.210)
654.9 *4*	8.2 *7*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
• 655.0	0.038 *8*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
655.0 *2*	0.043 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
655.0 *3*	0.19 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
655.0 *5*	†7 *4*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
655.08 *9*	0.70 *10*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
655.1 *3*	1.9 *4*	^{102}Sr(69 ms)	243.80(53), 150.15(18.0), 93.89(13.4)
• 655.10 *20*	0.0101 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
655.17 *6*	7.7 *5*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 1233.21(4.18)
655.2 *5*	†0.63 *21*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
655.2 *2*	0.134 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
655.22 *18*	1.5 *5*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
655.28 *23*	0.0124 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
655.28 *12*	0.157 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
655.29 *20*	0.14	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
655.30 *14*	0.1188 *16*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
655.3 *2*	3.6 *6*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
655.3	0.018 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
655.3	0.9	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
655.30 *11*	1.46 *22*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
655.3 *2*	0.252 *22*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
655.3 *10*	†1.38×10^3 *15*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
655.3 *2*	1.30 *13*	^{237}Am(73.0 m)	280.23(47.3), 438.4(8.3), 473.5(4.3)
655.4 *5*	0.38 *8*	^{117}I(2.22 m)	325.9(75), 274.4(20.4), 661.5(5.1)
655.4 *5*	†0.12 *3*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
655.4	0.24	^{147}Ce(56.4 s)	268.80(7), 92.9(4.7), 374.23(3.5)
• 655.41 *6*	0.161 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
655.45 *20*	0.46 *7*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
655.56 *8*	0.046 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
655.592 *28*	0.185 *19*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
655.6	0.21 *3*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
• 655.6 *5*	0.011 *5*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
655.6 *5*	0.15 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
655.6 *4*	0.19 *7*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
655.7 *4*	0.11 *4*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
655.7 *3*	0.70 *18*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
655.76 *12*	†4.0 *8*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
655.760 *20*	0.790 *19*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
655.78 *28*	†0.8 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
655.8 *2*	2.9 *4*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
655.87 *11*	0.097 *15*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
655.888 *20*	0.027	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
655.9 *3*	0.31 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
655.9 *3*	3.4 *3*	^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
655.9 *3*	†81	^{99}Rb(59 ms)	144.224(†900), 289.4(†270), 1079.8(†90)
655.9	0.0042	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
655.95 *7*	0.94 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
656 *1*		^{110}I(0.65 s)	
656.0 *2*	†58 *2*	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
656.00 *7*	0.376 *21*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
656.0 *1*	1.07 *8*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
• 656.0 *1*	1.16 *7*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
656.008 *4*	10.77 *18*	^{61}Cu(3.333 h)	282.956(12.2), 67.412(4.23), 1185.234(3.75)
656.09 *10*	0.075 *14*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
656.1 *2*	1.9 *3*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
656.1 *1*	†3.81 *17*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
656.12 *15*	0.102 *25*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
656.21 *10*	2.1 *3*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
656.22 *15*	0.75 *6*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
656.3 *10*	0.19 *10*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
656.3 *6*	0.66 *19*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
• 656.3 *2*	2.19 *10*	^{126}Sb(12.46 d)	695.03(100), 666.331(100), 414.81(83.3)
656.3 *1*	1.17 *18*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
656.35 *14*	0.012 *3*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
656.4 *5*	0.54 *5*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
656.4 *2*	†26.6 *3*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
656.47 *11*	0.129 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
656.484 *12*	3.53 *20*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 656.484 *12*	0.1440 *21*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
656.5 *4*	†250 *94*	^{105}Ag(7.23 m)	319.14(†63000), 306.25(†12800), 442.37(†5900)
656.5 *5*	0.06 *3*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
656.53 *7*	0.070 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
656.57 *7*	1.71 *15*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
656.58 *13*	0.036 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
656.6 *6*	†0.9 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
656.60 *20*	0.66 *10*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
• 656.65 *20*	0.0125 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
656.69 *6*	0.131 *10*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
656.7 *6*	0.055 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
656.7 *4*	0.19 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
656.7 *3*	0.24 *3*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
656.7 *5*	0.45 *12*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
656.78 *4*	0.433 *20*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
656.79 *5*	†9.08 *16*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
656.8	0.09	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
656.8 *3*	†3.3 *8*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
656.8 *1*	0.035 *4*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
656.8 *5*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
656.9		^{99}Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
• 656.93 *3*	0.141 *9*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
656.98 *4*	6.82 *19*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
657.0 *5*	>0.16	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
657.0 *2*	3.6 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
• 657.0 *2*	2.8×10^{-6} *3*	^{233}U(1.592×10^{5} y)	42.44(0.0862), 97.134(0.020), 54.699(0.0182)
• 657.041 *5*	6.2 *3*	^{76}As(26.32 h)	559.101(45), 1216.104(3.42), 1212.94(1.44)
657.041 *5*	15.9 *7*	^{76}Br(16.2 h)	559.101(74), 1853.67(14.7), 1216.104(8.8)
657.05 *6*	†79 *4*	^{142}Xe(1.22 s)	571.83(†100), 538.24(†77), 618.314(†72)
657.05 *29*	0.08 *1*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
657.1		^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
657.11 *25*	0.17 *5*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 657.16 *5*	1.91 *3*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
657.17 *16*	0.32 *3*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
• 657.2 *2*	0.04 *2*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
657.2	0.20	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
657.2 *1*	0.24 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
657.2	0.018 *8*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
657.2 *7*	0.14 *7*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
657.24 *15*	†7.2 *10*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
657.3 *4*	0.22 *10*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
657.3 *2*	0.0013 *3*	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
657.3 *6*	0.0234 *25*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
657.3 *6*	0.22	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
657.32 *7*	7.1 *5*	^{121}In(23.1 s)	925.57(87), 261.96(7.9), 919.28(4.2)
657.4 *2*	†6.8 *14*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
657.4 *2*	0.262 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
657.4 *1*	0.39 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
657.446 *9*	0.16 *6*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
657.49 *3*	60.6 *18*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 954.45(7.8)
657.5 *2*	>0.00027	^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
657.5 *5*	0.24 *10*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
• 657.55 *25*	>0.00042	^{153}Sm(46.27 h)	103.1807(31.4), 69.67340(4.85), 97.4316(0.847)
657.6 *5*	0.45 *4*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 657.6 *3*	0.0035 *5*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
657.6 *4*	0.11 *6*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
657.615 *21*	1.0 *3*	^{151}Pr(18.90 s)	880.19(13), 189.057(11.8), 484.501(11.3)
657.630 *23*	0.255 *7*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
657.66 *9*	0.0138 *6*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
657.668 *5*	0.0640 *10*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
• 657.73 *15*	0.087 *15*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
657.7622 *21*	4.5	^{110}Ag(24.6 s)	815.35(0.0382), 1125.700(0.0153), 818.031(0.0090)
• 657.7622 *21*	94.0 *4*	^{110}Ag(249.79 d)	884.685(72.2), 937.493(34.13), 1384.300(24.12)
657.7622 *21*	98 *5*	^{110}In(69.1 m)	2129.53(2.13), 2211.49(1.76), 2317.54(1.31)
657.7622 *21*	98.3 *20*	^{110}In(4.9 h)	884.685(92.9), 937.493(68.4), 707.40(29.5)
657.77 *6*	10.0 *5*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
657.78 *8*	†92 *8*	^{129}Sb(17.7 m)	759.8(†100.0), 433.76(†73), 63.6(†10)
657.8 *10*	0.07	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
657.8	0.16	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
657.84 *9*	0.222 *22*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
• 657.86 *30*	0.190 *23*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
657.88 *20*	†0.74 *6*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
657.9 *2*	0.27 *3*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
657.9 *3*	†24.0 *18*	^{113}Ru(0.80 s)	263.2(†100), 211.7(†31.0), 337.5(†27.9)
657.9 *4*	>7	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
657.9 *3*	0.121 *14*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
658		^{99}Y(1.470 s)	121.761(33), 724.30(14.9), 536.2(6.6)
658.0 *2*	100	^{104}In(1.8 m)	834.1(99), 878.1(29.4), 943.3(14.9)
658.0 *6*	0.41 *17*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
658.0 *3*	0.7 *2*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
658.08 *6*	98	^{97}Nb(72.1 m)	1024.49(1.09), 1268.68(0.148), 1515.59(0.122)
658.09 *21*		^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
658.1 *5*	0.031 *12*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
658.11 *12*	0.0246 *18*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
• 658.12 *10*	0.179 *8*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
658.2 *3*	1.7 *4*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
• 658.20 *20*	0.0099 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
658.27	<0.06	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
658.3 *10*	0.03 *3*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
658.4 *6*	0.059 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
658.4 *3*	0.50	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
658.40 *15*	6.4 *7*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
658.4 *2*	0.179 *20*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
658.5 *2*	0.113 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
658.5 *4*	1.50 *8*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
658.5 *3*	0.17 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
658.5 *7*	0.88 *9*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
658.5 *4*	0.0006	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
658.5	>0.018	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
658.56 *11*	0.42 *4*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
658.58 *13*	0.125 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
658.6 *2*	5.7 *4*	^{89}Mo(2.04 m)	1272.6(3.7), 844.0(3.7), 1154.8(1.80)
658.6 *1*	0.0031 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
658.6 *3*	0.52 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
658.61 *3*	0.81 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
658.7 *4*	0.28 *7*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
• 658.7 *3*	0.0056 *21*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
• 658.75 *15*	0.0152 *16*	^{191}Pt(2.9 d)	538.90(13.7), 409.44(8.0), 359.90(6.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
658.8 *7*	†0.6 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
658.8 *5*	0.009 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
658.84 *16*	0.23 *7*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
• 658.860 *4*	9.7×10^{-6} *2*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
• 658.89 *6*	0.0122 *9*	^{127}Te(109 d)	57.61(0.50), 593.31(0.00225), 650.91(0.00028)
658.9 *3*	0.21 *5*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
658.9 *2*	†0.82 *9*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
658.9 *5*	0.032 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
• 658.93 *15*	0.00030 *8*	^{155}Tb(5.32 d)	86.545(32.0), 105.305(25), 180.103(7.45)
658.95 *10*	0.0024 *3*	^{161}Ho(2.48 h)	25.65150(27), 103.062(3.9), 77.414(1.91)
659.0 *2*	0.3 *1*	^{104}Mo(60 s)	68.8(55), 69.7(17.8), 36.3(14)
659.0		^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
659.0 *2*	0.38	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
659.0 *2*	†8.8 *9*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
659.04 *20*	0.0055 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 659.1 *3*	>0.36	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
659.10 *14*	3.22 *13*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
• 659.10 *6*		^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
659.14 *4*	78.0 *23*	^{80}Ga(1.697 s)	1083.47(48.4), 1109.36(18.6), 523.18(10.1)
659.14 *4*	5	^{81}Ga(1.222 s)	1573.57(>0.15), 914.47(>0.15)
659.2 *4*	0.53 *7*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
659.2 *3*	†3.5 *7*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
659.21 *10*	0.40	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
659.25 *20*	0.132 *5*	^{18}Ne(1672 ms)	1041.52(7.83), 1700.72(0.056), 1080.51(0.0021)
659.295 *8*	0.35 *4*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
659.3 *3*	0.09	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
659.3 *3*	0.46 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
659.3 *5*	0.03 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
659.3		^{235}Pa(24.5 m)	652.053, 645.896, 637.717
659.32 *5*	0.0063 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
• 659.389 *12*	0.0037 *3*	^{196}Au(6.183 d)	355.684(87), 332.983(22.9), 521.175(0.389)
• 659.428 *19*	0.0681 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
659.5 *6*	0.9 *3*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
659.5 *3*	6.9 *15*	^{139}Eu(17.9 s)	267.3(31), 155.3(31), 190.1(25)
659.5 *1*	1.33 *10*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
659.5 *2*	†3.4 *9*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
659.5 *2*	†0.5 *3*	^{194}Bi(92 s)	965.4(†100.0), 575.1(†98.0), 280.1(†73.7)
659.5	†>0.08	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
659.54 *15*	†4.4 *6*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
659.6 *2*	0.162 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
659.6 *5*	†3.7	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
659.6 *3*	†0.3 *1*	^{200}At(43 s)	665.9(†100), 611.1(†85.0), 484.5(†49.8)
• 659.61 *10*	0.240 *18*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
659.63 *10*	0.59 *6*	^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
659.63 *10*	3.3 *3*	^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
659.63 *6*	2.29 *9*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
659.64 *10*	0.114 *21*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
• 659.70 *20*	0.0108 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
659.7 *1*	0.29 *3*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
659.7 *2*	0.47 *9*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
659.8 *1*	0.039 *4*	^{213}Bi(45.59 m)	440.46(26.1), 292.80(0.429), 807.36(0.292)
659.8 *1*	0.268 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
659.8		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
659.835 *19*	1.10 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
659.85 *9*	0.00257 *25*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
659.9	2.44 *24*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
659.9 *3*	0.126 *13*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
659.9 *2*	0.152 *12*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
659.93 *5*	3.69 *25*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
660.0	0.37	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
• 660	0.014 *4*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
660.0 *2*	0.035 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
660.040 *17*	89 *4*	^{208}At(1.63 h)	686.527(98), 177.595(48.6), 845.044(19.7)
660.05 *9*	0.0095 *9*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
660.06 *10*	0.0307 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
660.06 *8*	4.79 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
660.080 *30*	0.0266 *13*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
660.08 *5*	0.85 *12*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
660.1 *2*	1.44 *18*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
660.1	>0.024	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
660.2	0.5	^{83}Zr(44 s)	55.55(8), 104.97(5.70), 475.1(5.1)
660.2 *1*	4.1 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
660.2 *1*	†36	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
660.2 *3*	0.38 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
660.2		^{131}Sn(58.4 s)	367.40, 285.0, 62.9
660.2		^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
660.2 *3*	1.71 *12*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
660.3 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
660.3 *5*	0.031 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
660.35 *35*	0.12 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
660.4 *1*	7.1 *7*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
660.4 *2*	0.87 *18*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
660.41 *24*	6	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
660.5 *6*	0.048 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
660.5 *4*	0.49 *8*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
660.5 *5*	0.25 *7*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
660.5 *2*	0.34 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 660.5 *5*	0.190 *23*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
660.6 *2*	0.32 *8*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
660.6 *5*	†3	^{136}Eu(3.3 s)	254.9(†100), 431.4(†34), 458.0(†20)
• 660.62 *21*	0.018 *5*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
660.66 *10*	0.224 *13*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
660.67 *8*	0.12	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
660.7 *3*	†0.31 *6*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
660.7 *1*	†0.53 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
660.8 *1*	58.94 *16*	^{148}Ho(9.59 s)	1687.5(82.47), 504.3(18.62), 1677.3(17.4)
660.8 *3*	†5.3 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
660.83 *8*	0.11 *3*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
660.88 *11*	0.75 *8*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
660.89 *2*	0.376 *20*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
660.9 *1*	15.7 *16*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
660.9 *1*	0.100 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
660.9 *2*	0.218 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
660.9 *1*	0.226 *12*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
660.9 *1*	0.48 *6*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
660.9	0.023 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
660.94 *3*	0.444 *17*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
661.0 *3*	1.54 *11*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
661.0 *3*	>0.22	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
661 *1*	0.028	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
661.06 *9*	0.30 *3*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
661.08 *4*	0.188 *7*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
661.1 *2*	1.17 *13*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
661.1	0.23 *9*	^{148}Ba(0.607 s)	56.08(29.20), 133.53(3.88), 415.78(3.59)
661.11 *16*	0.35 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
661.13 *21*	0.39 *4*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
661.15 *30*	0.10 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
661.23 *5*	0.332 *12*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
661.23 *9*	0.023 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
• 661.25 *4*	0.028 *5*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
661.3 *2*	2.8 *2*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
661.3 *4*	0.41 *4*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
661.4 *2*	0.74 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
661.4 *2*	0.14	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
661.4 *2*	<0.27	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
661.4 *4*	0.11 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
661.400 *10*	0.391 *23*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 661.400 *10*	2.28 *12*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
661.4 *6*	0.042 *17*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
661.5 *3*	0.31 *4*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
661.5 *5*	5.1 *15*	^{117}I(2.22 m)	325.9(75), 274.4(20.4), 684.0(3.23)
• 661.5 *2*	0.023 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
661.5 *3*	1.8 *5*	^{154}Ho(3.10 m)	334.6(94), 412.4(79), 477.1(55)
661.5 *7*	0.91 *14*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
661.55 *4*	2.54 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
661.58 *7*	0.89 *6*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
661.6 *3*	25 *1*	^{50}Mn(1.75 m)	783.29(100), 1097.97(98.5), 1443.28(69)
661.60 *10*		^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
661.60 *10*	1.9 *1*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
661.6 *2*	0.100 *15*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
661.62 *22*	0.055 *12*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
661.64 *11*	0.28 *5*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
• 661.660 *3*	85.1 *2*	^{137}Cs(30.07 y)	
661.66 *16*	3.0 *6*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
661.7 *1*	2.7 *4*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
661.8 *2*	†11.3 *12*	^{101}Y(448 ms)	98.3(†100), 133.8(†18.8), 232.1(†11.9)
661.9 *5*	†3.0 *8*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
661.90 *11*	0.0052 *21*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
661.9 *1*	†667 *95*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
661.9 *7*	0.32 *13*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
661.98 *15*	0.188 *19*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
662.0 *6*	0.081 *16*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
662.0 *1*	†2.11 *21*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
662.0	0.5	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
662.06 *5*	0.0259 *15*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
662.1 *1*	3.02 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
662.19 *5*	0.11 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
662.2 *3*	0.042 *7*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
662.2 *1*	19.7 *17*	^{98}Pd(17.7 m)	112.0(58), 106.75(13.9), 67.7(8.7)
662.2 *4*	†3.8	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
662.2 *1*	†83 *9*	^{171}Hf(12.1 h)	122.0(†100), 347.18(†47), 1071.8(†46)
662.2 *7*	0.08 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
662.24 *3*	0.18	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 844.10(0.16)
• 662.24 *3*	0.0012	^{243}Am(7370 y)	74.664(68), 43.533(5.93), 117.84(0.57)
662.39 *4*	1.31 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
662.4 *4*	0.39 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
• 662.4 *6*	8.0×10^{-5} *3*	^{153}Sm(46.27 h)	103.1807(31.4), 69.67340(4.85), 97.4316(0.847)
• 662.40 *2*	†0.640×10^{6} *20*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
662.42 *7*	1.28 *8*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
662.45 *9*	1.80 *13*	^{149}Pr(2.26 m)	138.447(11.0), 165.087(9.9), 108.520(9.5)
662.49 *12*	0.55 *4*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
• 662.5 *1*	0.024 *4*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 662.5 *1*	0.054 *4*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
662.5 *4*	1.10 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
662.5 *3*	0.100 *25*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
662.5 *2*	0.134 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
662.5 *2*	0.20 *11*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
662.5 *5*	1.1 *3*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
• 662.510 *9*	0.0808 *23*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
662.6 *1*	1.12 *7*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
• 662.66 *15*	0.015 *4*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
662.67 *11*	0.26 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
662.7 *2*	0.19 *5*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
662.7 *5*	†0.83 *21*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
662.72 *11*	†6.6 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
662.78 *4*	1.38 *12*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
662.79 *7*	0.080 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 662.79 *5*	0.100 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
662.8 *3*	0.49 *6*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
662.89 *15*	0.17 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
• 662.898 *15*	0.284 *5*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
662.9 *4*	0.078 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
662.9 *3*	6.6 *13*	^{151}Pr(18.90 s)	880.19(13), 189.057(11.8), 484.501(11.3)
662.9 *3*	0.34 *4*	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
662.9 *3*	1.21 *15*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
663.0 *3*	0.31 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
663.07 *3*	9.0 *6*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
663.07 *3*	11.6 *18*	^{132}La(24.3 m)	464.55(22), 285.6(7), 515.78(7)
663.1 *2*	0.069 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
663.1 *3*	4.5 *5*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 1098.6(39)
663.1 *7*	0.35 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
• 663.1 *5*	†0.0037 *12*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
663.14 *18*	0.17 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
663.20 *9*	0.021 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
663.2 *2*	0.11 *4*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
663.20 *6*	1.50 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
663.2 *1*	3.27 *23*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
663.23 *30*	0.06 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
663.27 *9*	0.4 *4*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
663.3 *4*	0.15 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
663.3 *2*	†6.5 *10*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
663.3 *6*	0.38 *5*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
663.3 *5*	0.0024	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
663.4 *3*	0.304 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
663.4		^{131}Sn(58.4 s)	367.40, 285.0, 62.9
663.4		^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
663.4 *6*	0.117 *23*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
663.4 *5*	0.19 *4*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
• 663.40 *10*	0.063 *10*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
663.43 *7*		^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
663.49 *2*	0.40 *4*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
663.5 *3*	0.030 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
663.50 *6*	0.68 *8*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
• 663.5 *1*	0.095 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
663.58 *6*	1.62 *9*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
663.6 *3*	0.084 *17*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
663.6 *2*	0.49 *7*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
663.6 *5*	0.12 *3*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
663.6 *2*	†1.6 *1*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
• 663.603 *7*	0.000189 *6*	^{169}Yb(32.026 d)	63.12077(44.2), 197.95788(35.8), 177.21402(22.16)
663.67 *10*	0.85 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
663.7 *4*	0.62 *16*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
663.7 *7*	0.140 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
663.7 *3*	0.0015 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
663.8 *3*	†0.5	^{111}Rh(11 s)	275.4(†100.0), 411.8(†9.42), 230.0(†8.9)
663.8 *3*	2.9 *8*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)
663.8 *2*	0.088 *21*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
663.8 *7*	0.16 *9*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
663.8 *2*	0.093 *14*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 663.8	3.5×10^{-6}	^{253}Es(20.47 d)	41.79(0.050), 389.11(0.0264), 387.1(0.00810)
663.82 *10*	0.029 *6*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
663.9 *1*	0.0152 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
663.9 *1*	0.162 *10*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
663.9 *1*	0.54 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
663.94 *20*	†3.9 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
663.97 *8*	>0.048	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
663.98 *6*	0.114 *18*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
664.0	†6.0	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
664.0 *2*	0.50	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
664.0 *5*	0.025 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
664.0 *5*	0.010	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
664.0 *3*	0.017 *3*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
• 664.07 *5*	0.108 *8*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
664.07 *10*	0.086 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
664.07 *3*	0.017 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
• 664.08 *8*	0.023 *9*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
664.08 *6*	0.009	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
664.1 *8*	0.08 *5*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
• 664.1 *1*	0.00078 *9*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
664.122 *7*	0.060 *8*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
664.13 *6*	0.128 *7*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
• 664.17 *10*	0.098 *5*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
664.173 *18*	2.24 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
664.20 *14*	0.52	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
664.2 *7*	1.1 *3*	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
664.2 *2*	†5.1 *4*	^{194}Bi(92 s)	965.4(†100.0), 575.1(†98.0), 280.1(†73.7)
664.21 *13*	0.094 *4*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
664.44 *5*	1.17 *4*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
664.44 *5*	38.3 *4*	^{78}Rb(5.74 m)	454.97(81), 1109.72(13.12), 692.86(12.26)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
664.44 *14*	1.95 *25*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
664.5 *3*	20.1 *13*	^{109}Sb(17.0 s)	925.4(32), 1062.8(23.9), 1495.8(9.6)
664.5 *6*	0.13 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
• 664.536 *6*	1.66×10^{-6} *3*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
• 664.571 *15*	5.69 *4*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 721.929(5.39)
664.58 *11*	†16.8 *12*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
664.60 *15*	>0.0028	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
664.6 *2*	0.240 *18*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
664.63 *5*	0.149 *6*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
• 664.65 *14*	3.3 *8*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 664.68 *5*	0.0289 *11*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
• 664.69 *8*	0.122 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
664.7 *4*	0.44 *5*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
664.7 *2*	0.06	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
664.7 *5*	0.11	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
664.72 *9*	0.0104 *9*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
• 664.78 *5*	0.0188 *21*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
664.8 *3*	0.08 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
664.80 *10*	3.29 *21*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
664.9 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
664.9 *1*	3.05 *16*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
664.9 *2*	0.0090 *25*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
664.9	0.029 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
664.9 *2*	<0.4	^{200}Bi(36.4 m)	1026.5(100), 462.34(98), 419.70(91)
664.94 *19*	0.42 *16*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
• 665 *1*	0.04 *4*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
665.0 *2*	0.42 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
665.0 *8*	†2.3 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
665 *1*	0.23 *11*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
665.0 *3*	1.11 *13*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)
665.0 *1*	†2.50 *25*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
665.0 *3*	0.129 *18*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
665.0 *1*	0.053 *7*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
665.0 *2*	15.3 *8*	^{232}Ac(119 s)	1899(8.9), 1959(5.4), 1948(5.2)
665.01 *12*	0.059 *16*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
• 665.05 *3*	5.66 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
• 665.067 *20*	0.377 *10*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
665.1 *1*	0.38 *11*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
665.1 *2*	0.63 *24*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
665.1 *2*	1.13 *11*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
665.1 *1*	>4.9	^{207}Fr(14.8 s)	
665.2 *1*	0.80 *11*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
665.2 *2*	0.117 *9*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
665.2 *5*	0.18 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
665.2 *4*	0.045 *14*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
665.21 *11*	0.104 *12*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
665.3	2.1	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
665.3	2.3	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
• 665.3	0.031	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 665.34 *4*	0.279 *19*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 665.361 *11*	0.36 *3*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
665.361 *11*	0.70 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
665.4 *7*	0.0049 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
• 665.40 *13*	4.1 *8*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
665.4 *2*	3.0 *3*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
• 665.42 *12*	0.055 *5*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
665.423 *5*	0.0056 *15*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
665.45 *8*	0.202 *20*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
665.453 *22*	1.29 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 665.48 *30*	>0.006	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
665.54	2.5	^{34}Ar(844.5 ms)	3128.9(1.30), 461.00(0.9), 2580.2(0.863)
665.54 *19*	99	^{100}Ag(2.01 m)	750.67(78), 773.20(24.2), 450.2(17.4)
665.54 *19*	86	^{100}Ag(2.24 m)	750.67(>26), 1693.9(14.7), 2118.1(11)
665.6 *5*	0.21 *4*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
665.7 *1*	0.12 *4*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
665.7 *5*	†0.45 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
665.7 *5*	0.21 *4*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
665.72 *20*	0.115 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
665.79 *6*	3.01 *21*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
665.8 *3*	0.67 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
665.8 *4*	1.06 *16*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
665.85 *10*	1.16 *17*	^{134}Te(41.8 m)	767.20(29.0), 210.465(22.3), 277.951(20.9)
665.9	3.6	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
665.9 *1*	†100	^{200}At(43 s)	611.1(†85.0), 484.5(†49.8), 565.0(†17.0)
665.9 *4*	0.0168 *14*	^{233}Np(36.2 m)	312.17(0.7), 298.89(0.44), 546.9(0.280)
665.94 *6*	0.087 *14*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
665.97 *10*	0.129 *18*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
665.98 *7*	7.7 *4*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 616.67(6.9)
665.98 *7*	†13 *3*	^{100}Y(0.94 s)	212.531(†100), 351.960(†33), 878.54(†18)
666.0 *4*	0.14 *6*	^{76}Kr(14.8 h)	315.7(39), 270.2(21.1), 45.48(19.5)
666.0	0.042	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
666.0 *10*	†0.4 *1*	^{181}Os(2.7 m)	144.99(†100), 118.03(†28.3), 1118.8(†4.2)
666.05 *8*	1.65 *5*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
666.07 *11*	0.033 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
666.07 *12*	6.18 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
666.1 *12*	10.6 *7*	^{31}Mg(230 ms)	1613.0(36), 946.8(31.5), 1626.1(24.8)
666.1 *3*	0.39 *5*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
666.1 *5*	0.011 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
666.1 *3*	0.59 *8*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
666.1 *2*	0.50 *5*	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
666.1 *4*	0.15 *8*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
666.1 *1*	1.87 *6*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
666.14 *9*	42	^{80}As(15.2 s)	1644.8(7.5), 1207.12(4.3), 1847.8(1.13)
666.14 *9*	1.08 *9*	^{80}Br(17.68 m)	812.6(0.040), 687.4(0.012), 677.0(0.008)
666.178 *19*	2.05 *5*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
666.2 *4*	>3.2	^{74}Zn(96 s)	56.7(70), 49.4(33.4), 143.5(21.7)
666.2 *2*		^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
666.2	†2.0	^{193}Pb(5.8 m)	365.2(†100), 392.2(†20.7), 716.4(†6.7)
• 666.289 *4*	0.872 *6*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
666.3 *2*	0.09 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
666.3 *2*	†16 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
• 666.331 *12*	100	^{126}Sb(12.46 d)	695.03(100), 414.81(83.3), 720.64(53.8)
666.331 *12*	86	^{126}Sb(19.15 m)	414.81(86), 695.03(82), 1035.07(1.80)
• 666.331 *12*	33.1 *7*	^{126}I(13.11 d)	753.819(4.16), 1420.17(0.295), 2045.17(0.0046)
666.4 *5*	2.6	^{146}La(10.0 s)	258.47(93), 409.86(81), 514.75(31)
666.4 *4*	0.055 *17*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
666.45 *10*	0.064 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
666.47 *3*	†7.5 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
666.5 *2*	0.36 *8*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
666.5 *3*	0.29 *5*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
666.5 *1*	1.16 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 666.5 *3*	†4.9×10^3	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
666.60 *8*	2.59 *14*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
666.60 *11*	0.84 *13*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
666.7 *3*	†39 *4*	^{84}Zr(25.9 m)	112.5(†100), 44.9(†48), 372.9(†41)
666.74 *6*	0.90 *10*	^{71}Zn(2.45 m)	511.56(32), 910.27(7.8), 389.88(3.8)
666.8 *7*	1.37 *17*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
666.8 *4*	0.23 *7*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
666.94 *16*	16.9 *10*	^{64}Ge(63.7 s)	427.03(37.4), 128.2(10.7), 774.5(7.0)
666.97 *15*	1.06 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
667.00 *30*	7.7 *4*	^{116}Ag(10.4 s)	513.39(92), 705.82(61), 1028.90(30.4)
667 *1*	0.19 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
667.00 *4*	0.839 *10*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
667.0		^{180}Os(21.5 m)	20.1(†100), 717.4, 48.2
• 667 *2*	0.0048 *24*	^{191}Pt(2.9 d)	538.90(13.7), 409.44(8.0), 359.90(6.0)
667.05 *3*	0.16 *3*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 667.050 *25*	0.259 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
• 667.050 *25*	>0.26	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
667.09 *20*	†6.8 *7*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
667.1 *2*	20.7 *16*	^{84}As(5.5 s)	1455.1(49), 2086.6(4.7), 2461.2(4.0)
667.1 *2*	6.8 *6*	^{85}As(2.028 s)	1455.1(16), 577.5(0.96), 1244.6(0.64)
667.1 *3*	2.5 *3*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
• 667.170 *20*	0.1057 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
• 667.170 *20*	0.0669 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
667.2 *5*	0.14 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
667.2 *2*	†20 *4*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
667.2 *5*	>0.26	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
667.2 *2*	17 *2*	^{151}Er(23.5 s)	638.3(36), 256.4(15.9), 100.3(10.7)
667.3 *1*	9.8 *3*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 1173.9(8.94)
• 667.3 *5*	0.19 *7*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
667.3 *10*	0.8 *4*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
667.40 *15*	0.118 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 667.4 *2*	0.047 *10*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
• 667.404 *20*	11.04 *19*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 75.878(6.08)
667.46	0.023 *12*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
667.5 *4*	0.146 *16*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
667.5 *5*	>0.050	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
667.5 *3*	0.251 *24*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
• 667.5 *9*	0.73 *7*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 783.7(15.0)
667.60 *20*	†0.65 *7*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
667.7	0.06	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
667.7 *1*	1.7 *6*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
667.7 *2*	0.33 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
667.7 *2*	0.26 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
667.7		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
667.718 *3*	99	^{132}I(2.295 h)	772.60(75.6), 954.55(17.6), 522.65(16.0)
667.718 *3*		^{132}I(1.387 h)	600.1(14.0), 173.7(8.8), 614.0(2.5)
• 667.718 *3*	98	^{132}Cs(6.479 d)	630.19(0.95), 505.79(0.73), 1317.927(0.585)
667.8 *3*	0.28 *12*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
667.8 *4*	†3.5	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
• 667.872 *25*	0.073 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
667.9 *3*	6.3 *7*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 1098.6(39)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
667.9 *3*	0.25 *12*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
667.9 *3*	0.22 *12*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
667.9 *2*	1.02 *16*	^{123}Cs(5.94 m)	97.3(23), 596.7(10.1), 83.3(4.1)
667.9 *5*	0.20 *10*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
• 667.9 *3*	0.050 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
667.9 *2*	†0.65 *11*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
667.9 *6*	0.41 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
668.0 *4*	0.118 *13*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
668.0 *1*	0.35 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
668.0 *5*	6.8 *11*	^{119}Cs(43.0 s)	176.05(29.7), 225.13(26), 257.9(17.4)
668.0 *2*	†21 *4*	^{131}Nd(27 s)	87.8(†100), 174.42(†34), 164.09(†25)
668.0	0.24 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
668.10 *3*	9.7 *7*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
668.1 *2*	0.030 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
668.1 *4*	0.22 *11*	^{167}Ho(3.1 h)	346.547(56), 321.336(23.5), 237.873(5.0)
• 668.1 *3*	0.052 *14*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
668.11 *22*	0.010	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
• 668.17 *10*	0.071 *8*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
668.2 *3*	†0.94 *9*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
668.2 *2*	0.33	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
668.2	0.34	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
668.2 *2*	0.31	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
• 668.2 *5*	3.9×10^{-8} *13*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
668.21 *23*	0.31 *10*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
668.23 *11*	7.8 *4*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
• 668.27 *10*	0.108 *6*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
668.3 *2*	21.8 *22*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 743.56(21.5)
668.3	4.5	^{140}I(0.86 s)	376.657(91), 457.630(59), 936.7(16)
• 668.3	0.0008 *4*	^{193}Os(30.5 h)	139.03(4.27), 460.50(3.95), 73.039(3.2)
668.3 *2*	0.239 *19*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
668.4 *10*	†5.1 *18*	^{71}Cu(19.5 s)	489.7(†100), 595.2(†30.5), 586.5(†30.2)
668.4 *3*	0.37 *3*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
668.4 *4*	1.3 *7*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
668.48 *12*		^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
668.48 *12*	0.43 *13*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
668.5 *2*	0.98 *10*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
668.5 *5*	†4	^{136}Eu(3.3 s)	254.9(†100), 431.4(†34), 458.0(†20)
• 668.5 *8*	0.0034 *16*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
668.5 *2*	0.012 *3*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
668.5 *3*	0.39 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
668.54 *3*	96 *3*	^{130}I(12.36 h)	536.09(99), 739.48(82), 418.01(34.2)
668.54 *3*	0.0108 *6*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
668.6 *6*	0.042 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
668.6	0.14	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
668.6 *4*	0.19 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
• 668.6 *6*	0.019 *12*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
• 668.7 *2*	0.36 *5*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
• 668.75 *7*	0.86 *3*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
668.8 *10*	0.31 *16*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
668.80 *30*	0.36	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
668.809 *10*	0.40 *3*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
668.9 *2*	0.61 *16*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
668.93 *21*	†4.3 *9*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
668.97 *8*	0.048 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
668.98 *17*	†14 *1*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
669.0	†0.5	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
669.0 *2*	1.9 *3*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
669.0 *2*	0.153 *20*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
669.0 *3*	1.52 *19*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 916.9(1.52)
669.0 *3*	1.2 *4*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
669.0 *3*	0.00012 *6*	^{161}Ho(2.48 h)	25.65150(27), 103.062(3.9), 77.414(1.91)
669.02 *20*	0.065 *19*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
669.08 *10*	22.6 *4*	^{108}Sn(10.30 m)	396.44(64.3), 272.75(45.5), 168.62(19.9)
669.1 *1*	1.22 *16*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
669.1 *4*	†2.8 *6*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
669.1 *2*	0.27 *11*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
669.1 *5*	0.110 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 669.152 *16*	0.0134 *18*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
669.152 *16*	0.12 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
669.2 *5*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
• 669.2 *2*	0.29 *5*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
669.21 *13*	0.20 *3*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)
669.28 *20*	0.34 *5*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
669.3 *4*	0.12 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
669.37 *15*	0.236 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
669.38 *4*	0.862 *10*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
669.4 *4*	0.013 *8*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
669.4 *3*	0.21	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
669.41 *4*	8.6 *4*	^{205}At(26.2 m)	719.30(31), 628.88(5.6), 520.44(4.41)
669.45 *12*	0.93 *24*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
669.59 *15*	0.068 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
669.60 *7*	1.1 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
669.6 *3*	0.19 *6*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
669.60 *7*	0.59 *3*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
669.60 *7*	0.0035 *6*	^{211}At(7.214 h)	742.64(0.0010)
669.62 *5*	8	^{63}Zn(38.47 m)	962.06(6.5), 1412.08(0.75), 449.93(0.236)
669.7 *4*	†10	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
669.7 *1*	0.99 *5*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
669.8 *2*	0.076 *14*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
669.8 *10*	0.82 *17*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
669.8 *2*	4.6 *6*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
669.8 *2*	†3.7 *6*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
• 669.8 *12*	<0.022	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
• 669.83 *20*	†3.8×10^3 *12*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
669.901	0.0019	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
669.901 *16*	0.68	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
669.95 *10*	2.5 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
670.0 *4*	3.7 *6*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 894.60(2.7)
670.0 *2*	†0.83 *9*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
670.0 *5*	0.10 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
670 *20*	2.0 *10*	^{210}Tl(1.30 m)	799.7(99), 298(79), 1316(21)
• 670	0.0007	^{249}Cf(351 y)	388.16(66), 333.37(14.6), 252.80(2.50)
670.01 *4*	14.9 *7*	^{86}Nb(88 s)	751.74(97.8), 914.81(78.1), 1003.24(37.4)
670.05 *20*	2.22 *16*	^{107}Rh(21.7 m)	302.77(66), 392.47(8.8), 312.21(4.8)
670.10 *9*	0.043 *5*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
670.1 *5*	†1.04 *21*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
670.1 *2*	0.008 *3*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 670.12 *7*	0.0081 *17*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
670.2 *2*	0.0067 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
670.2 *1*	0.202 *25*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
670.2 *2*	0.012 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
• 670.2 *2*	0.57 *4*	^{241}Cm(32.8 d)	471.805(71), 430.634(4.06), 132.413(3.86)
• 670.21 *2*	0.0086 *3*	^{97}Ru(2.9 d)	215.718(86), 324.48(10.79), 569.31(0.873)
670.3 *3*	64	^{60}Zn(2.38 m)	61.4(26), 273.4(10.9), 334.4(9.0)
670.3 *5*	0.07 *5*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
670.3	0.184 *18*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
670.32 *14*	†2.0 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 670.35 *20*	0.0376 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
670.39 *6*	0.370 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 670.391 *27*	0.211 *21*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
670.4 *3*	0.105 *17*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
670.4 *5*	0.52 *21*	^{135}Nd(12.4 m)	204.02(52), 41.43(23), 441.2(14.9)
670.4 *2*	†3	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
670.4	0.062 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
670.41 *7*	3.7 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
670.46 *10*	2.5 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
670.46 *11*	0.50 *4*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
• 670.502 *14*	5.48 *3*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
670.6 *1*	0.302 *25*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
670.6 *1*	0.047 *24*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
670.6 *1*	0.47 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
670.6 *5*	0.20 *7*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
670.7 *15*	>0.6	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
670.7 *4*	0.13 *6*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
670.75 *3*	11.4 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
670.8		^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
670.8	0.079 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
670.8 *2*	0.252 *5*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
670.8 *10*	>0.0005	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
670.8 *10*	†370 *90*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 670.8 *10*	0.0035 *11*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 670.80 *4*	>9.0×10^{-9}	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
670.83 *5*	†8.0 *3*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
670.88 *5*	1.48 *10*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
670.89 *17*	>0.6	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
670.9 *8*	0.34 *6*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
670.9	0.43	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
• 670.98 *2*	>9.0×10^{-9}	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
671.0 *10*	0.140 *23*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
671.0 *1*	3.2 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
671.0 *3*	3.2 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
671 *1*	3.0 *7*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
671.0 *1*	34.0 *17*	^{200}Po(11.5 m)	617.7(19.7), 434.4(9.3), 796.7(7.9)
671.01 *12*	0.45 *7*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
671.07 *10*	†10.7 *5*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
671.1 *4*	0.87 *19*	^{113}Rh(2.72 s)	189.7(17.0), 409.3(15.9), 219.6(3.88)
671.1 *12*	0.122 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
671.13 *25*	0.024 *3*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
671.151 *20*	0.98 *17*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 671.151 *20*	0.0230 *21*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
• 671.16		^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
671.20 *4*	64 *2*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 502.91(60)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
671.2 *5*	0.18 *4*	^{98}Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
671.2 *3*	0.033 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
671.2 *3*	0.14 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
671.2 *5*	0.95 *21*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
671.2 *2*	0.14	^{227}Ra(42.2 m)	27.36(16), 300.07(4.6), 302.65(4.3)
671.23 *11*	0.70 *10*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 671.28 *3*	0.90 *7*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
671.3 *5*	†3.0	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
671.40 *20*	0.107 *20*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
671.4 *2*	3.5 *10*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
671.4 *2*	0.18 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 671.445 *4*	1.795 *7*	^{125}Sb(2.7582 y)	427.875(30), 600.600(17.86), 635.954(11.31)
671.46 *8*	0.70 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
671.5 *10*	1.9 *3*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
671.56 *10*	0.010 *4*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
671.6 *10*	0.3 *1*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
671.6 *2*	0.04	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
671.6 *1*	0.13 *9*	^{208}Fr(59.1 s)	635.8(10), 778.5(6.8), 325.3(5.2)
671.7 *2*	0.049 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
671.7 *2*	0.66 *5*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
671.7 *4*	0.11 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
671.8 *4*	3.5 *4*	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
671.8 *1*	8.0 *16*	^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
671.8	†31	^{99}Cd(16 s)	342.6(†100), 1583.3(†28), 975.4(†11)
671.8 *2*	1.8	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
• 671.8 *5*	0.022 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
671.8 *2*	0.022 *5*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
671.8 *8*		^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
671.8 *2*	†55 *8*	^{194}Bi(106 s)	1308.3(†100), 965.4(†41), 773.5(†31)
671.84 *9*	0.0044 *5*	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
• 671.84 *5*	0.0248 *9*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
671.9 *5*	0.012 *6*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
671.9 *10*	0.103 *22*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
671.9 *3*	0.00028 *3*	^{226}Th(30.9 m)	111.12(3.29), 242.12(0.866), 131.02(0.278)
671.9 *3*	0.0009 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
671.93 *5*	0.93 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
671.96 *9*	0.042 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
671.997 *17*	0.035 *8*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
672.0	0.16 *4*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
672.0 *2*	0.24 *4*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
672.0 *3*	0.64 *18*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
672.00 *15*	0.027 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
672.05 *35*	1.54 *7*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
672.09 *15*	0.19 *5*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
672.1 *2*	0.0080 *21*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
672.15 *20*	1.97 *8*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
672.20 *19*	†7.4 *7*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
672.21 *15*	0.022 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
672.242 *20*	6.12 *13*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
672.3 *5*	0.12 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
672.3 *1*	0.03 *1*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
672.3 *1*	0.87 *3*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
672.33 *10*	5.5 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
672.35 *5*	1.84 *13*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
672.35 *5*	0.8 *8*	^{162}Tm(24.3 s)	811.52(6.5), 798.68(5.2), 227.52(5)
672.39 *18*	0.146 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
672.4 *2*	0.59 *11*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
672.40 *15*	0.82 *16*	^{123}Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
672.4 *5*	0.28 *6*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
672.4 *7*	0.40 *17*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
672.5	76 *17*	^{152}Tm(5.2 s)	807.9(100), 422.4(66), 279.9(46)
672.5	†9.5 *10*	^{152}Tm(8.0 s)	807.9(†100), 715.9(†13), 906.8(†6)
672.5 *3*	0.00018 *6*	^{161}Ho(2.48 h)	25.65150(27), 103.062(3.9), 77.414(1.91)
672.5 *5*	2.5 *7*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
672.51 *3*	0.109 *3*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 672.51 *3*	1.44 *10*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
672.52 *4*	0.62 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
672.53 *11*	>0.20	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
672.6 *5*	0.70 *22*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
672.7 *5*	†4.8 *7*	^{106}Mo(8.4 s)	465.70(†100), 54.00(†54), 618.60(†25)
672.7 *4*	0.39 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
672.77 *13*	>0.20	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
672.8 *10*		^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
672.8 *3*	†2.2 *5*	^{194}Bi(92 s)	965.4(†100.0), 575.1(†98.0), 280.1(†73.7)
672.82 *4*	3.27 *11*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
672.83 *24*	0.24 *3*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
672.85 *5*	3.21 *15*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
672.9 *2*	0.35 *5*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
• 672.900 *7*	0.0027 *3*	^{196}Au(6.183 d)	355.684(87), 332.983(22.9), 521.175(0.389)
672.96 *2*	0.456 *24*	^{147}La(4.015 s)	117.718(12), 186.320(6.48), 438.30(5.04)
673.0 *1*	0.24 *12*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
673.0 *4*	0.60 *15*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
673.0	1.2	^{134}Nd(8.5 m)	163.2(58), 288.9(13), 216.8(12)
• 673.0	0.031	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
673.0 *4*	0.46 *9*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
673	0.034	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
673.09 *20*	0.133 *13*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
673.09 *20*	0.53 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
673.10 *10*	9.4 *5*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
673.2 *3*	0.035	^{113}Pd(93 s)	95.74(3.3), 643.7(3.0), 739.63(2.4)
• 673.21 *6*	1.05 *6*	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
673.22 *17*	0.104 *13*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
673.3 *3*	0.16 *4*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
673.3 *3*	0.62 *7*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
673.34 *6*	0.094 *5*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
673.36 *20*	0.043	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
673.38 *20*	6.9 *5*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 1335.6(4.65)
• 673.38	0.029	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
673.4 *6*	0.038 *8*	^{101}Tc(14.22 m)	306.85(88), 545.06(6.0), 127.23(2.86)
673.4 *4*	1.7 *4*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
• 673.44 *4*	0.0491 *7*	^{57}Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
673.5 *3*	4.4 *17*	^{152}Ho(161.8 s)	613.8(73), 613.8(14), 1098.0(12)
673.5 *2*	0.31 *4*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
673.53 *16*	0.044 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
673.58 *7*	0.011 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
673.6 *2*	3.4 *7*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
• 673.60 *10*	0.025 *8*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
673.6 *4*	0.16 *9*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 673.65 *15*	0.0032 *4*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
673.65 *5*	0.299 *21*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
673.666 *4*	0.052 *3*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 673.666 *4*	0.157 *5*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
673.67 *20*	9.3 *9*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
673.7 *3*	0.33 *3*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
673.7 *3*	55 *10*	^{146}Ho(3.6 s)	682.9(100), 925.3(69), 237.2(52)
673.7 *6*	†16.0 *20*	^{172}W(6.6 m)	38.9(†100), 423.3(†44), 89.8(†33.0)
673.7 *4*	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
673.8 *12*	1.40 *14*	^{31}Na(17.0 ms)	2243.9(10.4), 171.1(4.8), 2022.2(3.8)
• 673.80 *30*	0.065 *19*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
673.83 *8*	1.89 *5*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
673.89 *21*	0.198 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
673.9 *2*	†0.19 *4*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
673.9 *10*	†6.4×10^{2} *13*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
673.97 *16*	0.21 *5*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)
673.98 *11*	15.2 *5*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
• 674.00 *25*	0.069 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
• 674.00 *4*	0.0194 *22*	^{166}Ho(26.83 h)	80.574(6.71), 1379.40(0.93), 1581.89(0.187)
674 *1*	0.042	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
674.00 *5*	8	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
674.00 *5*	4.1	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
• 674.00 *10*	4.1×10^{-7} *5*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
674.1 *1*	†61 *5*	^{153}Yb(4.2 s)	547.4(†100), 369.6(†32), 908.8(†25)
674.1 *1*	45	^{211}Rn(14.6 h)	1362.9(32.5), 678.4(28.9), 442.2(23.0)
674.11 *20*	0.233 *22*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
674.16 *25*	0.059 *14*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
674.19 *3*	6.8 *5*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 283.91(6.7)
674.2 *5*	†0.85 *24*	^{164}Hf(111 s)	122.1(†100), 153.3(†47), 313.7(†22)
674.22 *19*	0.79 *4*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
674.28 *17*	1.46 *10*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
674.3	0.9	^{147}Ce(56.4 s)	268.80(7), 92.9(4.7), 374.23(3.5)
674.3 *5*	0.000300 *23*	^{159}Gd(18.479 h)	363.55(11.4), 58.00(2.15), 348.16(0.234)
• 674.33 *8*	0.0057 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
674.4 *3*	†9 *3*	^{73}Cu(3.9 s)	449.7(†100), 199.2(†17), 502.0(†12)
674.4 *6*	0.07 *3*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
• 674.43 *2*	0.1320 *14*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
674.5 *4*	0.10 *3*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
674.5 *1*	†4.0 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
• 674.5 *2*	1.0×10^{-7}	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
674.5 *2*	0.21 *7*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
674.59 *18*	0.017 *6*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
674.6 *2*	1.6 *3*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
674.6 *7*	0.35 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
674.6	1.5	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
674.61 *6*	0.680 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
674.63 *4*	0.104 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
674.678 *3*	0.141 *25*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
674.678 *3*	0.52 *9*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 674.678 *3*	0.167 *6*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
• 674.678 *3*	0.0190 *17*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
674.678 *3*	†13.1 *9*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 674.7 *3*	0.038 *7*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
674.7 *7*	0.07 *3*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
674.7 *2*	†4.6 *4*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
674.7 *5*	0.10	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
674.788 *22*	2.57 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
674.8 *3*	†25.4 *24*	^{71}Cu(19.5 s)	489.7(†100), 595.2(†30.5), 586.5(†30.2)
674.8 *2*	0.23 *7*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
674.8 *2*	0.18 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
674.8 *2*	0.049 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
674.86 *17*	6.3 *3*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
674.9 *3*	0.27 *10*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
674.95 *10*	0.0030 *3*	^{144}Pr(17.28 m)	696.510(1.3), 2185.662(0.694), 1489.160(0.278)
675.0 *6*	0.015 *3*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
• 675.0 *2*	3.7 *10*	^{126}Sb(12.46 d)	695.03(100), 666.331(100), 414.81(83.3)
675.0	>0.039	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
675.0	†20	^{205}Rn(2.8 m)	264.9(†100), 464.5(†25), 620.2(†25)
675.05 *7*	16.8 *6*	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 2788.90(16.1)
675.1 *2*	0.56 *14*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
675.1 *1*	0.100 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
675.15 *2*	6.8 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
675.17 *12*	0.7 *1*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
675.2 *3*	62.4 *12*	^{52}Ca(4.6 s)	961.2(49.9), 1636.4(35.6), 2070.4(11.2)
675.2 *2*	†6.3 *8*	^{132}Pr(1.6 m)	325.5(†100), 496.9(†25), 822.4(†17.3)
675.20 *11*	0.169 *15*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
675.2 *6*	0.52 *20*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
• 675.2 *6*	0.060 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
675.22 *13*	14.2 *6*	^{186}Tl(27.5 s)	405.43(92), 402.72(45.9), 356.84(29.3)
675.3 *3*	0.227 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
675.37 *15*	0.072 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
675.38 *20*	0.06 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
675.4	0.30 *3*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
675.4 *1*	†2.51 *23*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
675.4 *10*	0.082 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
675.41 *22*	0.38 *3*	^{164}Yb(75.8 m)	40.928(1.147), 390.6(0.31), 446.74(0.28)
• 675.45 *20*	0.0108 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
675.5 *1*		^{125}La(76 s)	67.6(34), 43.6(3.5), 985.2
675.5 *3*	0.188 *15*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
• 675.5 *5*	0.0009 *4*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
675.55 *23*	1.6 *4*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
675.6 *5*	0.114 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
675.7 *2*	3.7 *5*	^{102}Cd(5.5 m)	481.0(63), 1036.6(12.8), 505.1(9.6)
675.7 *4*	0.60 *12*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
675.7 *2*	†1	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
675.7	0.8	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
675.75 *20*	0.064 *8*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
675.79 *16*	0.162 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
675.79 *4*	0.0254 *18*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
675.795 *5*	0.514 *7*	^{145}Pr(5.984 h)	748.278(0.5250), 72.500(0.261), 978.969(0.256)
675.8 *2*	†8.3 *8*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 675.856 *25*	0.509 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
• 675.8874 *19*	0.804 *3*	^{198}Au(2.69517 d)	411.8044(96), 1087.6904(0.159)
675.8874 *19*	11	^{198}Tl(5.3 h)	411.8044(82), 636.4(10.1), 1200.6(9.7)
675.89 *9*	0.351 *25*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
675.89 *9*	0.065 *16*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
675.9 *6*	0.047 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
675.90 *7*	0.60 *10*	^{149}Pr(2.26 m)	138.447(11.0), 165.087(9.9), 108.520(9.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 675.90 *11*	0.075 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
676.0 *10*	0.00045 *24*	^{165}Dy(1.257 m)	515.467(1.53), 361.68(0.534), 153.803(0.242)
676.0 *2*	0.285 *6*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
676		^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
• 676.03 *30*	†6.4×10^{3} *13*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
676.071 *6*	0.114 *18*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
676.1 *3*		^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
676.10 *19*	†48 *4*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 1579.3(†45)
• 676.13 *10*	0.14	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
• 676.14 *11*	>0.015	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
• 676.17 *10*	0.0172 *19*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
676.2 *5*	0.09 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
676.21 *4*	1.9 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
676.3 *3*	†4.9 *20*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
676.36 *8*	15.7 *5*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 316.44(11.1)
676.39 *12*	0.040 *4*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
676.4 *5*	†7 *3*	^{17}C(193 ms)	1373.8(†100), 1849.5(†92), 1906.7(†29)
676.4 *4*	0.013 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
676.47 *2*	0.028 *8*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
676.48 *17*	3.29 *12*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
676.5	†0.80 *8*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
676.5 *2*	4.1 *4*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
• 676.5 *2*	>0.029	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
• 676.593 *6*	0.158 *7*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
676.593 *6*	3.2 *3*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
676.593 *6*	0.18 *5*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
676.593 *6*	1.7 *3*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
676.6 *2*	2.6 *3*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
676.6 *4*	†4.4	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
676.6 *1*	1.89 *10*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
676.6 *3*	†3.1 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
676.64 *7*	†0.6 *2*	^{215}Bi(7.6 m)	293.54(†100), 271.23(†5.5), 517.63(†1.9)
676.64 *7*	0.0205 *22*	^{219}Rn(3.96 s)	271.23(10.8), 401.81(6.37), 130.59(0.119)
676.69 *7*	0.013 *4*	^{211}Pb(36.1 m)	404.853(3.78), 832.01(3.52), 427.088(1.76)
676.7	0.36	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
676.75 *24*	0.59 *4*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
676.8	27 *7*	^{40}S(8.8 s)	211.55(72), 431.5(37), 888.4(36)
676.8 *5*	0.0013 *5*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
676.8 *3*	1.37 *20*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
676.8 *5*	0.06 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
676.80 *10*	0.11 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 676.81	>0.019	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
676.87 *10*	0.103 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
676.87 *8*	0.35 *3*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
676.88 *12*	0.047 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 676.9 *5*	1.1×10^{-5} *3*	^{153}Sm(46.27 h)	103.1807(31.4), 69.67340(4.85), 97.4316(0.847)
676.98 *4*	†1.34 *24*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
677.0 *10*	0.008 *3*	^{80}Br(17.68 m)	666.14(1.08), 812.6(0.040), 687.4(0.012)
677.0 *10*	0.008 *3*	^{80}Br(17.68 m)	616.6(7), 639.6(0.261), 703.9(0.19)
677.0 *4*	0.316 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
677.0 *6*	0.05 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
677.0	0.36	^{147}Ce(56.4 s)	268.80(7), 92.9(4.7), 374.23(3.5)
677.0 *7*	†2.1 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
677.09 *8*	0.32	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
677.1 *4*	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
677.11 *10*	0.064 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
677.11 *10*	0.049 *5*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
677.13 *10*	11.9 *12*	^{118}Ag(3.76 s)	487.77(60), 2788.7(11.8), 3224.3(10.5)
677.13 *10*	53 *6*	^{118}Ag(2.0 s)	487.77(57), 1058.39(14.8), 770.90(11.8)
677.20 *10*	2.4 *4*	^{86}Nb(88 s)	751.74(97.8), 914.81(78.1), 1003.24(37.4)
677.2 *2*	0.19 *4*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
677.2 *2*	0.179 *24*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
677.2 *1*	0.84 *6*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
677.2 *2*	†8.5 *7*	^{148}Er(4.6 s)	1653.4(†100), 387.7(†88), 197.1(†71)
677.2 *1*	0.177 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
677.21 *10*	3.51 *25*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
677.23 *12*	0.40 *6*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
677.28 *8*	78.4 *10*	^{30}S(1.178 s)	2342.01(2.27), 709.01(0.29), 3019.23(0.010)
677.3 *4*	0.06 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
677.338 *30*	7.8 *5*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
677.34 *5*	0.235 *14*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
677.4 *5*	0.8	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
677.4 *6*	3.6 *5*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
677.4	1.1	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
677.4 *5*	230	^{202}At(181 s)	571.6(†216), 442.9(†109)
677.4 *1*	6.7 *4*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
677.406 *6*	0.0067 *19*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
677.41 *10*	0.48 *7*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
677.50 *10*	0.39 *6*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
677.5 *3*	2.5 *10*	^{150}Tb(5.8 m)	638.05(100), 650.4(70), 438.37(42)
677.5 *1*	†10.4 *10*	^{180}Au(8.1 s)	153.3(†100), 524.3(†29), 257.6(†26)
677.5 *2*	†11	^{256}Es(7.6 h)	861.8(†100), 231.1(†61), 172.6(†49)
• 677.516 *7*	9.8 *3*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 1077.043(6.15)
677.56 *13*	0.48 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
677.58 *12*	†7.6 *8*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
677.6 *3*	5.80 *21*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 1494.7(5.0)
677.6 *2*	†65 *10*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
677.6 *2*	†65 *10*	^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
677.6 *1*	0.180 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 677.6 *1*	0.049 *11*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
• 677.6 *1*	1.0×10^{-6}	^{234}U(2.455×10^{5} y)	53.20(0.123), 120.90(0.0342), 454.95(0.000025)
677.61 *22*	0.27 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 677.6227 *24*	10.28 *8*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
677.6227 *24*	4.5 *5*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
677.69 *7*	0.382 *19*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
677.7 *1*	3.66 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
677.7 *1*	0.023	^{95}Rb(377.5 ms)	836.9(2.9), 1089.4(0.14), 1309.1(0.12)
677.7 *2*	1.3 *3*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
• 677.71 *7*	1.47 *6*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
• 677.846 *32*	0.148 *6*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
677.86 *6*	0.045 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
677.88 *3*	2.65 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
677.9 *1*	2.4 *3*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
678	†6	^{92}Br(0.343 s)	769(†100), 1446(†10), 1035(†6)
678.0 *8*	0.0047 *11*	^{251}Fm(5.30 h)	425.4(0.95), 480.4(0.392), 358.3(0.315)
678.04 *10*	0.087	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
678.07 *20*	0.050	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
678.1 *1*	0.37 *3*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
678.10 *25*	0.38 *14*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
678.1	0.005	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
678.1 *1*	0.47 *7*	^{236}Th(37.5 m)	110.8(4.2), 646.6(0.72), 196.0(0.69)
678.13 *30*	0.10 *4*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
678.2 *7*	2.2 *5*	^{60}Mn(1.77 s)	823.63(74), 1968.8(53), 492.9(18.0)
678.26 *12*	0.0009 *4*	^{137}Ce(9.0 h)	447.15(1.8), 10.6(0.8), 436.59(0.265)
678.3	0.27 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
678.3	0.55 *16*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 678.30 *15*	0.045 *5*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
678.3 *2*	0.27 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
678.3 *9*	0.029 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
678.38 *6*	0.095 *5*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
678.38 *5*	0.199 *11*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
678.4	0.15	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
678.4 *3*		^{147}Ho(5.8 s)	189.1(†100), 883.9(†100), 486.7(†61)
678.4 *1*	†2.9 *3*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
678.4 *1*	28.9 *14*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 442.2(23.0)
678.4 *6*		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
678.42 *12*	0.18 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
678.5 *3*	85 *4*	^{98}Ag(46.7 s)	863.1(100), 570.93(53), 452.0(11.0)
678.5 *3*	†100 *17*	^{107}Sn(2.90 m)	1129.2(†100), 1540.6(†30), 1001.3(†29)
678.5 *3*	†<0.5	^{111}Rh(11 s)	275.4(†100.0), 411.8(†9.42), 230.0(†8.9)
678.5 *3*	0.57 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
678.5 *1*	0.97 *15*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
678.56 *12*	0.20 *3*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)
• 678.578 *3*	0.461 *8*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
678.578 *3*	†4.9 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
678.578 *3*	0.198 *25*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
• 678.6 *3*	0.049 *5*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
678.6 *3*	6.1 *3*	^{109}Sb(17.0 s)	925.4(32), 1062.8(23.9), 664.5(20.1)
• 678.6 *2*	0.059 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
678.6 *7*	0.231 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
678.65 *25*	0.022 *7*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
678.8 *4*	0.051 *9*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
678.8 *3*	0.93 *7*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
678.8 *1*	†13.8 *4*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
678.8 *6*	2.2 *4*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
678.84 *5*	0.0126 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
678.85 *8*	0.21	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
678.87 *4*	0.045 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
678.9 *3*	26.4 *8*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)
678.9 *2*	1.64 *15*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
679.0 *10*	53	^{246}Am(39 m)	205.0(36), 152.9(25), 756(13.3)
679.04 *15*	0.64 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
679.08 *15*	0.030 *5*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
679.1 *2*	5.1 *5*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
679.1 *2*	8	^{116}I(2.91 s)	540.0(1.20)
679.1 *2*		^{117}Xe(61 s)	
679.1 *5*	0.028 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
679.13 *6*	†2.01 *12*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
679.2 *2*	†5.0 *5*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
679.2 *2*	†2.9	^{136}Pm(47 s)	373.8(†100), 862.5(†28), 488.7(†22)
679.2 *2*	6.9 *6*	^{136}Pm(107 s)	373.8(15.0), 602.7(12.3), 857.2(12.72)
679.2 *4*	0.17 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
679.22 *15*	0.055 *14*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
679.3 *4*	0.18 *7*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
679.40 *10*	1.03 *7*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
679.44 *14*	0.18 *9*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
679.5 *4*	0.255 *25*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
679.6 *13*	4.0 *8*	^{53}Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
679.6 *2*	0.60 *17*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
679.6 *3*	0.049 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 679.64 *2*	0.64 *4*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
679.68 *10*	0.103 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
679.7 *2*	39.7 *12*	^{69}Ni(11.4 s)	1871.1(40.9), 1213.0(39.3), 1483.2(34.1)
• 679.7		^{225}Ac(10.0 d)	99.91(1.01), 150.04(0.80), 99.63(0.62)
• 679.7 *1*	0.00087 *22*	^{225}Ac(10.0 d)	99.91(1.01), 150.04(0.80), 99.63(0.62)
679.8 *7*	0.06 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
679.9 *10*	0.030 *10*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
679.9 *3*	†1.7 *4*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
679.9 *8*	0.144 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
679.9 *3*	0.092 *13*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
679.9 *2*	0.45 *7*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
679.9 *2*	0.26 *11*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
680.0 *3*	0.12 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
• 680.0 *2*	0.0069 *14*	^{191}Pt(2.9 d)	538.90(13.7), 409.44(8.0), 359.90(6.0)
680		^{199}Po(5.48 m)	246.0(28), 845.7(23), 206.7(5.1)
• 680		^{243}Cm(29.1 y)	277.599(14.0), 228.183(10.6), 209.753(3.29)
• 680	0.0046	^{249}Cf(351 y)	388.16(66), 333.37(14.6), 252.80(2.50)
• 680.035 *9*	0.097 *4*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
• 680.10 *10*	†3.13×10^4 *16*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
680.1 *3*	†73	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
680.16 *8*	2.21 *13*	^{80}Ge(29.5 s)	265.36(27.0), 110.4(6.5), 1564.3(4.9)
680.2 *1*	0.658 *14*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
680.2 *6*	0.042 *8*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
680.2 *2*	0.087 *23*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
680.2 *5*	0.0005 *3*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
680.22 *8*	0.0110 *6*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
680.22 *8*	0.0032 *5*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
680.24 *19*	0.054 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
680.247 *15*	0.650 *16*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
680.30 *15*	0.035 *18*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
680.3 *1*	†8.53 *21*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
680.3 *5*	0.22 *7*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
680.3 *5*	0.0043 *14*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
680.36 *12*	0.0388 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
680.41 *10*	0.96 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
680.420 *10*	1.88 *9*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 680.420 *10*	1.54 *8*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
680.42 *2*	7.62 *21*	^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 1016.31(24.1)
680.5 *2*	0.200 *15*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
680.5 *1*	15.9 *18*	^{128}Sn(59.07 m)	482.3(59), 75.1(27.7), 557.3(16.5)
680.5 *3*	0.16 *3*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
• 680.516 *10*	0.753 *18*	^{203}Pb(51.873 h)	279.1967(81), 401.323(3.35)
• 680.52 *15*	0.020 *4*	^{147}Nd(10.98 d)	91.105(28), 531.016(13.1), 319.411(1.95)
680.6 *4*	0.21 *7*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
680.6 *1*	0.695 *16*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
680.6 *5*	0.25 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 680.613 *19*	0.092 *3*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
• 680.66 *5*	†0.60 *4*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
680.68 *9*	6	^{93}Ru(59.7 s)	1434.73(0.73), 1015.90(0.42), 1801.4(0.378)
• 680.68 *5*	0.217 *21*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
680.7 *1*	14.8 *10*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 328.7(9.3)
680.7 *1*	†121	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 328.7(†71)
• 680.7 *4*	0.11 *4*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
680.74 *15*	0.068 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
680.79 *6*	0.0188 *11*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
680.85 *13*	6.5 *7*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
680.87 *40*	0.66 *22*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
681.0 *2*	0.0039 *3*	^{83}Br(2.40 h)	529.635(1.200), 520.39(0.0576), 552.63(0.0200)
• 681.0 *2*	0.031 *5*	^{83}Rb(86.2 d)	520.39(44.7), 529.635(29.3), 552.63(16.0)
681.0 *5*	0.24 *4*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
681.0 *1*	0.28 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
681.1 *1*	0.32 *4*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
681.1 *1*	0.0160 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
681.12 *6*	0.17 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
681.14 *13*	0.80 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
681.2 *6*	0.05 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
681.2 *6*	0.016	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
681.22 *8*	0.38 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
681.29 *16*	†2.9 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
681.3 *4*	0.09 *3*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
681.33 *21*	0.80 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
681.34 *15*	0.0080 *16*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
681.4 *2*	0.422 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
681.4 *1*	0.50 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
681.4 *4*	0.15 *5*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
• 681.50 *25*	0.0078 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 681.5 *1*	0.00075 *9*	^{177}Ta(56.56 h)	112.9498(7.2), 208.3664(0.94), 1057.8(0.29)
681.5	0.22	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
681.52 *15*	†0.23 *3*	^{153}Pm(5.4 m)	35.842(†100), 127.298(†75), 28.309(†34.6)
681.54 *18*	†1.60 *12*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
681.6 *5*	0.13 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
681.6 *2*	0.259 *12*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
681.63 *82*	0.06 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
681.7 *3*	20 *5*	^{116}Rh(0.9 s)	340.5(90), 639.4(52), 538.4(40)
681.7 *3*	0.68	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
681.7 *7*	†2.0 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
681.7 *3*		^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
681.8 *2*	4.4 *5*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
681.8 *2*	0.21 *4*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
681.8 *4*	0.18 *6*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
681.80 *14*	0.067 *9*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 681.82 *4*	0.694 *25*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
• 681.90 *7*	0.045 *7*	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
681.9 *4*	0.71 *17*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
• 681.9 *3*	0.04 *1*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
681.9 *1*	2.31 *13*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
681.97 *16*	0.033 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
682.0 *5*	0.5 *1*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
682.0 *8*	0.38	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
682.0 *5*	0.0022 *12*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
682.00 *7*	0.20	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
682.0 *5*	0.036 *13*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 682.0 *6*	>1.5×10^{-5}	^{153}Sm(46.27 h)	103.1807(31.4), 69.67340(4.85), 97.4316(0.847)
682.10 *10*	1.24 *6*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
682.1 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
• 682.10 *30*	0.047 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 682.12 *28*	0.021 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
682.14 *10*	†0.93 *7*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
682.2 *5*	†2.0 *5*	^{106}Mo(8.4 s)	465.70(†100), 54.00(†54), 618.60(†25)
682.2 *3*	0.33 *7*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
682.25 *20*	0.0216 *22*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
682.3 *3*	0.23 *10*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
• 682.3 *10*	0.5 *3*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 783.7(15.0)
682.30 *25*	0.00054 *9*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
682.3 *2*	†9	^{256}Es(7.6 h)	861.8(†100), 231.1(†61), 172.6(†49)
• 682.31 *4*	0.612 *15*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
682.31 *4*	†1.23 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
682.31 *4*	0.49 *6*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
682.32 *2*	0.007 *7*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
682.34	0.08 *4*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
682.35 *15*	0.20 *3*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
682.37 *7*	>0.21	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
682.37 *7*	0.0494 *21*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
682.4 *4*	0.13 *7*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
682.44 *15*	0.20 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
682.5 *2*	†1.06 *11*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
682.5 *3*	0.063 *6*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
682.6 *6*		^{114}I(2.1 s)	708.9
682.6 *3*	0.56 *6*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
682.60 *6*	0.077 *22*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
682.660 *22*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
682.660 *22*		^{131}Sn(58.4 s)	367.40, 285.0, 62.9
682.660 *22*	†3.1 *9*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
682.7	0.5	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
682.7 *3*	†61 *9*	^{136}I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
682.7	0.5	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
682.8 *4*	1.6 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
682.8 *4*	†14	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
682.80 *10*	0.39 *6*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
682.8 *4*	0.18 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
• 682.82 *9*	0.0086 *17*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
682.9 *6*	81 *4*	^{58}Cr(7.0 s)	126(75), 289.5(18.8), 520.4(15.8)
• 682.9 *4*	0.021 *9*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
682.9 *2*	†3.2 *6*	^{101}Nb(7.1 s)	276.10(†100), 157.466(†32), 13.5(†32)
682.9 *3*	100	^{146}Ho(3.6 s)	925.3(69), 673.7(55), 237.2(52)
682.97 *6*	6.4 *5*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
683.0 *1*	0.42 *4*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
683 *1*	0.0007	^{251}Fm(5.30 h)	425.4(0.95), 480.4(0.392), 358.3(0.315)
683.08 *3*	54.3 *16*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 445.99(5.53)
683.10 *7*	0.052 *3*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
683.11 *5*	0.53 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
• 683.153 *7*	1.28 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
683.162 *27*	0.23 *4*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
683.2 *1*	0.0203 *22*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
683.2 *10*	1.3 *3*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
683.21 *10*	0.109 *25*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
683.22 *6*	0.083 *11*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
683.3 *3*	0.11 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
683.3 *1*	88 *7*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 492.9(72.5)
• 683.32 *11*	0.0031 *8*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
683.32 *25*	0.25 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
683.39 *15*	0.22 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
683.4 *2*	0.26 *6*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
683.4 *10*	†5.7×10^2 *12*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
683.44 *2*	1.25 *8*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
683.5 *2*	7.1 *7*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
683.5 *2*	8.7 *16*	^{190}Tl(2.6 m)	416.4(79), 625.4(11.1), 1099.9(7.1)
683.5 *1*	0.22 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 683.5 *3*	0.026 *3*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
683.54 *6*	0.182 *9*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
683.59 *15*	0.108 *14*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
683.6 *3*	5.1 *3*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
683.6 *3*	0.69 *21*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
683.6 *3*		^{129}Sb(17.7 m)	759.8(†100.0), 657.78(†92), 433.76(†73)
683.6 *3*	†2	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
683.64 *4*	1.88 *15*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
683.647 *19*	0.778 *16*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
683.7 *2*	0.17 *3*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
683.7 *5*	†<0.5	^{132}Pr(1.6 m)	325.5(†100), 496.9(†25), 822.4(†17.3)
683.8 *3*	96 *12*	^{96}Ag(5.1 s)	1415.4(100), 325.1(88), 106.4(40)
683.8 *5*	0.30 *15*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
683.8 *5*	0.33 *11*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
683.8 *5*	†8	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
683.80 *20*	0.085 *25*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
683.8	>1.2	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
683.8	1.2	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
683.87 *3*	0.49 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
683.9 *3*	3 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
683.9 *2*	0.15 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
684.0 *1*	1.85 *11*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
684.0 *1*	0.198 *24*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
684.0 *5*	3.23 *23*	^{117}I(2.22 m)	325.9(75), 274.4(20.4), 661.5(5.1)
• 684.0 *2*	0.0107 *19*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
684.0 *3*	0.42 *7*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
684.0 *6*	0.19 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
684.0 *5*	†8.1 *16*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
684.0 *1*	0.97 *25*	^{206}Fr(15.9 s)	575.3(12), 559.0(8.19), 628.6(3.6)
684.06 *20*	0.073 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
684.1 *5*	0.55 *22*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
684.1 *6*	0.95 *19*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
684.1 *6*	0.86 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
684.1 *4*	†6.5 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
684.25 *20*	0.17 *5*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
684.26 *16*	5.39 *7*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
684.28 *8*	0.41 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
684.28 *5*	0.583 *20*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
684.3 *4*	0.15 *3*	^{76}Kr(14.8 h)	315.7(39), 270.2(21.1), 45.48(19.5)
684.3 *5*	0.0020 *12*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
684.3 *2*	0.29 *14*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
684.3 *3*	†2.3 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
684.3 *3*	†0.24 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
684.33 *3*	0.380 *17*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
684.341 *10*	95 *3*	^{204}At(9.2 m)	516.318(90), 426.253(67.5), 609.13(24.6)
684.4 *2*	0.08 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
684.5 *3*	4.3 *4*	^{180}Ir(1.5 m)	276.4(56), 132.2(38.1), 699.0(13.4)
684.6 *5*	7.8 *5*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
684.6 *5*	0.25 *9*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
684.6 *4*	0.07 *4*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
684.6 *3*	4.7 *7*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
684.6 *2*	†3.5 *10*	^{129}Sb(17.7 m)	759.8(†100.0), 657.78(†92), 433.76(†73)
684.6 *2*	0.023 *9*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
684.65 *10*	2.1 *1*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
684.7 *2*	7.9 *6*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
684.7 *5*	†11	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
684.7 *1*	0.59 *5*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
684.77 *12*	0.78 *10*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
684.8 *4*	0.19 *3*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
684.8 *4*	0.131 *22*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
684.80 *20*	0.00551 *20*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
684.8 *2*	0.21 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
684.85 *10*	0.33 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
684.88 *7*	9.4 *5*	^{195}Ir(3.8 h)	98.85(10), 432.86(9), 319.90(9.4)
684.9 *5*	0.8	^{136}Te(17.5 s)	2077.9(22), 333.99(19), 578.75(18)
684.90 *10*	1.16 *14*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
684.96 *21*	0.32 *16*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
685.0 *2*	†0.274 *21*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
685.0 *12*	†65	^{178}Os(5.0 m)	968.7(†100), 1331.1(†94), 594.6(†72)
685.0 *3*	0.30 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
685 *1*	0.021 *6*	^{193}Au(17.65 h)	186.17(10.1), 255.57(6.7), 268.22(3.9)
685.0 *1*	0.36 *5*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
685.1 *2*	0.26 *9*	^{140}Eu(1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
685.1 *2*		^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
685.1 *2*	0.14 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
685.13 *11*	1.58 *13*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
685.2 *3*	0.45 *5*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
685.2 *3*	0.19 *3*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
685.2 *5*	0.2	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
685.2 *2*	0.047 *24*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
685.2 *2*	0.095 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
685.3 *2*	1.22 *17*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
685.3 *3*	0.063 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
685.3 *2*	0.087 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
685.3 *5*	0.15 *8*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
685.37 *20*	0.067 *7*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
685.37 *20*	0.025 *3*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
685.4 *2*	0.050 *6*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
685.4 *2*	†41	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 399.0(†23)
685.4	0.18 *5*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
685.4 *2*	†1.71×10^3 *24*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
685.49 *5*	95.7 *24*	^{96}Rh(9.90 m)	832.57(100), 631.71(74.5), 741.87(29.4)
685.49 *5*	3.6 *16*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
685.5 *3*	2.2	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
685.5 *5*	1.75 *13*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
685.5 *3*	0.24 *3*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
685.5 *3*	3.1 *7*	^{151}Pr(18.90 s)	880.19(13), 189.057(11.8), 484.501(11.3)
685.5 *2*	2.2 *6*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
685.55 *8*	0.12	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
685.6 *6*	0.0041 *16*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
685.60 *5*	15.3 *10*	^{80}Zn(0.545 s)	712.53(45.1), 715.40(33.8), 964.93(15.6)
685.6	23	^{95}Sr(23.90 s)	2717.3(4.6), 2933.1(4.1), 2247.6(3.8)
685.6 *5*	0.50 *25*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
685.6 *5*	4.4 *9*	^{98}Y(2.0 s)	1223.0(80), 620.505(63), 647.58(53)
685.6 *4*	0.84 *13*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
685.6 *3*	0.45 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
685.6	0.019 *7*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 685.6 *3*	0.00024 *3*	^{153}Sm(46.27 h)	103.1807(31.4), 69.67340(4.85), 97.4316(0.847)
685.6 *2*	0.12 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 685.7 *5*	37	^{127}Sb(3.85 d)	473.0(25.7), 783.7(15.0), 252.4(8.5)
685.7 *5*	†0.76 *9*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
685.774 *18*	27.3 *6*	^{187}W(23.72 h)	479.531(21.8), 72.001(11.14), 134.243(8.85)
685.79 *8*	0.156 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
685.80 *8*	0.49 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
685.8 *1*	1.24 *23*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
685.9 *7*	0.038 *20*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
685.9 *1*		^{125}La(76 s)	67.6(34), 43.6(3.5), 985.2
• 685.9 *1*	0.202 *15*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
• 685.90 *4*	0.81 *5*	^{147}Nd(10.98 d)	91.105(28), 531.016(13.1), 319.411(1.95)
685.90 *4*	0.12	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
685.93 *10*	0.622 *11*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
685.94 *11*	0.26 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 685.97 *11*	8.7×10^{-7} *3*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
685.99 *3*	1.07 *4*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
685.99 *3*	0.000345 *16*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
686.0 *3*	0.40 *8*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
686 *1*	2.1 *8*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
686.0 *3*	0.068 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
686 *1*	†12	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
686.0 *10*	2	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
686 *2*	2.1	^{246}Am(39 m)	679.0(53), 205.0(36), 152.9(25)
686.1 *1*	0.46 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
686.1 *1*	1.8 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
686.1 *3*	†48 *5*	^{143}Tb(12 s)	45.1(†100), 462.8(†45), 380.3(†43)
686.20 *10*	69	^{97}Ag(19 s)	1294.30(32)
686.2 *3*	3.7 *4*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 1098.6(39)
686.2 *2*	0.0093 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
686.2 *30*	0.18 *4*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
686.2 *4*	4 *3*	^{140}Gd(15.8 s)	174.8(76), 749.9(70), 379.0(38)
686.2 *2*	†4.5 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
686.2 *1*	†62 *5*	^{227}Rn(22.5 s)	162.14(†100), 739.2(†65), 805.0(†33)
686.22 *6*	0.255 *7*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
686.3 *2*	0.92 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
686.3 *5*	0.21 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
• 686.31 *10*	0.431 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
• 686.31 *6*	0.006	^{210}Bi(3.04×10^{6} y)	265.832(50), 304.896(28), 649.42(3.8)
686.48 *4*	0.242 *20*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
686.5 *2*	0.21 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
686.5 *2*	†3.0 *1*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
686.51 *11*	0.135 *10*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
686.527 *20*	98	^{208}At(1.63 h)	660.040(89), 177.595(48.6), 845.044(19.7)
686.54 *10*	†10.3 *5*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
686.6 *3*	0.094 *14*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
686.6 *3*	3.2 *4*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
• 686.6 *5*	0.0008 *3*	^{191}Pt(2.9 d)	538.90(13.7), 409.44(8.0), 359.90(6.0)
• 686.61 *5*	0.0192 *17*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
686.66 *8*	0.194 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
686.7 *3*	0.33	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
• 686.8 *2*	>0.10	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
686.9 *5*	0.005 *3*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
686.943 *21*	0.088 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
686.99 *5*	3.25 *20*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
686.99 *3*	†54	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
687.0 *1*	0.66 *6*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
687.0 *1*	3500	^{100}Rh(4.6 m)	539.59(†5900), 1827.2(†1410), 1535.6(†1118)
687.0 *3*	4.3	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
687 *1*	0.06 *3*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
687 *1*	†2.2 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
687.0	0.261 *6*	^{211}At(7.214 h)	
• 687 *2*		^{241}Pu(14.35 y)	148.567(†309000), 103.680(†69400), 77.10(†35100)
• 687.015 *3*	6.39 *6*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
687.015 *3*	0.068 *10*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
687.1 *3*	2.9 *5*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
687.19 *10*	0.139 *11*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
687.2	†23	^{148}Cs(158 ms)	141.7(†100), 545.5(†20), 633.2(†19)
687.2 *7*	0.50 *16*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
687.22 *10*	0.7 *6*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
687.22 *10*	0.9 *6*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
687.22 *5*	0.013 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
687.254 *7*	0.65 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
687.28 *15*	2.6 *4*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
687.3 *4*	0.070 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
687.4 *10*	0.012 *3*	^{80}Br(17.68 m)	666.14(1.08), 812.6(0.040), 677.0(0.008)
687.4 *10*	0.012 *3*	^{80}Br(17.68 m)	616.6(7), 639.6(0.261), 703.9(0.19)
687.43 *14*	1.40 *8*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
687.47 *4*	1.63 *22*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
687.5 *3*	†2.6 *6*	^{103}Nb(1.5 s)	102.64(†100), 641.1(†55), 538.5(†34.0)
687.5 *3*	0.024 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
687.5 *2*	0.64 *18*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
687.502 *13*	1.18 *12*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
687.52 *12*	2.0 *6*	^{30}Mg(335 ms)	443.62(71), 243.89(<71), 2168.9(2.1)
687.55 *8*	0.53 *3*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
687.55 *8*	0.032 *16*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
687.56 *7*	1.82 *5*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
687.59 *9*	9.9 *5*	^{236}Pa(9.1 m)	642.35(37.0), 1762.7(6.0), 1807.8(2.24)
687.59 *9*	0.250 *5*	^{236}Np(22.5 h)	642.35(0.9), 538.11(0.0110), 104.234
• 687.59 *9*		^{236}Np(1.54×10^5 y)	160.308(32), 104.234(7.2), 45.242(0.13)
• 687.59 *9*	3.5×10^{-6} *2*	^{240}Pu(6563 y)	45.242(0.0450), 104.234(0.00708), 160.308(0.000402)
687.6 *2*	†31 *3*	^{103}Mo(67.5 s)	83.4(†100), 423.91(†69), 45.8(†57)
• 687.6		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
687.6 *7*	†44 *11*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
687.6 *8*	0.034 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
687.614 *24*	0.0049 *4*	^{161}Ho(2.48 h)	25.65150(27), 103.062(3.9), 77.414(1.91)
687.7 *2*	1.9 *4*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
687.70 *17*	25.8 *15*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 838.22(25)
687.7 *4*	0.19	^{143}Sm(66 s)	959.8(0.039)
• 687.7 *1*	59 *3*	^{194}Ir(171 d)	482.833(97), 328.455(93), 600.5(62)
687.7 *6*	0.006 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 687.74 *17*	0.0021 *5*	^{132}Cs(6.479 d)	667.718(98), 630.19(0.95), 505.79(0.73)
687.79 *11*	0.66 *6*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
687.8 *5*	0.039 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
687.8 *3*	0.19 *3*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
• 687.83 *6*	0.030 *3*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
687.83 *5*	1.94 *24*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
687.9 *2*	0.8	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
• 687.93 *4*	0.269 *14*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
687.95 *8*	0.0267 *15*	^{123}I(13.27 h)	158.97(83), 528.96(1.39), 440.02(0.428)
688.0 *1*	0.42 *20*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
688.0 *3*	0.011 *11*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
688.0 *3*	1.08 *17*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
688.0 *4*	†5 *1*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
688.0 *5*	>0.13	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
688.0	0.051 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
688.0 *4*	0.19	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
• 688.00 *8*	0.197 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
688.1 *1*	23	^{79}Rb(22.9 m)	182.77(19.2), 143.41(13.9), 129.72(10.74)
688.1		^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
688.1 *1*	0.0295 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
688.1 *2*	†1.00×10^{3} *14*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
688.10 *5*	0.069 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
688.1 *3*	†33.3 *28*	^{233}Pu(20.9 m)	235.4(†100), 534.8(†90.2), 500.3(†38.6)
• 688.1 *3*	1.11×10^{-7} *11*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
688.12 *11*	0.203 *20*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
• 688.15 *4*	0.0103 *8*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
688.2 *1*	0.82 *4*	^{138}Pr(1.45 m)	788.742(2.4), 1551.1(0.42), 1447.8(0.130)
688.23 *10*	0.299 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
688.23 *10*	†5.9 *4*	^{126}Cd(0.506 s)	260.09(†100), 428.11(†83.7), 555.40(†4.8)
688.25 *10*	†33 *4*	^{163}Hf(40.0 s)	70.98(†100), 62.14(†64), 45.39(†48)
688.3 *3*	3.5 *3*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
688.3 *5*	0.74 *10*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
688.3 *2*	†51 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
688.4	0.29	^{83}Zr(44 s)	55.55(8), 104.97(5.70), 475.1(5.1)
688.4 *7*	0.008 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
688.44 *15*	21.2 *13*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
688.44 *15*		^{164}Ho(29 m)	73.392(2.0), 761.8
688.48 *2*	0.238 *20*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
688.50 *10*	0.29 *9*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
688.5 *3*	0.049 *10*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
688.5 *2*	3.7 *3*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 1276.5(3.3)
688.5 *2*	0.012 *3*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
688.5 *3*	†87 *12*	^{234}Ac(44 s)	1847(†100), 1912(†91), 1954(†70)
• 688.52 *4*	0.227 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
688.6 *5*	0.25 *21*	^{59}Mn(4.6 s)	726.7(42), 472.71(29.0), 570.81(24.8)
688.6	1000	^{202}Po(44.7 m)	316.0(†286), 165.7(†174), 790.5(†145)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
688.66 *3*	0.266 *23*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
688.678 *6*	0.066 *17*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
688.678 *6*	2.27 *14*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 688.678 *6*	0.835 *17*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
688.678 *6*	0.0668 *20*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
688.68 *18*	0.10 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 688.68 *2*	12.3 *9*	^{254}Es(39.3 h)	648.80(28.4), 693.79(24.3), 584.32(2.84)
688.70 *7*	0.55 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
688.7 *7*	0.092 *25*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
688.7 *2*	†6.0 *8*	^{101}Y(448 ms)	98.3(†100), 133.8(†18.8), 232.1(†11.9)
688.7 *6*	0.13 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
688.7 *3*	0.7	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
688.7 *3*	0.34	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
• 688.72 *4*	†3.25×10^5 *5*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
• 688.76 *10*	0.0061 *17*	^{196}Au(6.183 d)	355.684(87), 332.983(22.9), 521.175(0.389)
688.9 *4*	0.043 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
688.9 *6*		^{112}I(3.42 s)	786.9
688.94 *8*	0.20 *5*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
688.957 *7*	0.026 *6*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 688.957 *7*	0.11 *4*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
689.0 *3*	0.160 *25*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
689.0 *3*	0.135 *18*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
689.0 *3*	†4.17 *17*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
689.0	0.44	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
689.00 *9*	35.5 *13*	^{196}Bi(308 s)	1049.21(87), 776.6(9.1), 1449.7(6.9)
689.00 *9*	†19.2 *6*	^{196}Bi(240 s)	1049.21(†21.1), 371.93(†20.8), 59.23(†14.4)
689	0.017	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
689.07 *5*	0.070 *10*	^{93}Mo(6.85 h)	949.82(0.120), 541.32(0.060), 385.31(0.060)
689.07 *11*	0.122 *16*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
689.10 *15*	4.3 *4*	^{123}Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
689.1 *3*	†0.39 *11*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
689.17 *10*	2.53 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
689.26 *5*	9.7 *3*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
• 689.286 *20*	2.37 *3*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
689.29 *25*	0.17 *3*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
689.3 *3*	0.079 *10*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
689.39 *8*	0.041 *7*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
689.4 *3*	0.034 *7*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
689.4 *3*	0.013 *13*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
689.40 *30*	3.9 *9*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
• 689.40 *10*	0.168 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
689.4 *2*	1.0 *3*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
689.4 *3*	0.24	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
689.42 *22*	†22 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
689.48 *4*	4.12 *12*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
689.5	1.2	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
689.5 *3*	0.0025 *12*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
689.5 *5*	1.5 *10*	^{150}Tb(5.8 m)	638.05(100), 650.4(70), 438.37(42)
• 689.6 *9*	0.00042 *18*	^{99}Mo(65.94 h)	739.50(12.1), 181.063(6.08), 140.511(4.52)
689.7 *5*	0.60 *8*	^{117}I(2.22 m)	325.9(75), 274.4(20.4), 661.5(5.1)
689.8 *2*	0.24 *9*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
689.8 *3*	†4.8 *10*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
689.9 *3*	0.0302 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
689.90 *17*	0.294 *19*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
689.9 *5*	2.2 *6*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
689.90 *15*	0.197 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 689.99 *6*	0.251 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
690.0 *8*	0.47	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
690	10	^{203}Au(53 s)	
690.04 *9*	0.0249 *25*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
690.04 *8*	1.41 *12*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
• 690.04 *8*	0.28 *3*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
690.06 *12*	1.00 *8*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
690.13 *5*	0.130 *14*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
690.2 *2*	1.87 *14*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
690.2 *5*	†8.0 *10*	^{113}I(6.6 s)	462.5(†100), 622.4(†74), 351.5(†43)
690.2 *2*	†0.8 *1*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
• 690.23 *8*	0.00061 *6*	^{115}Cd(53.46 h)	336.240(45.9), 527.900(27.45), 492.3(8.03)
690.300 *26*	0.11 *5*	^{109}Rh(80 s)	326.868(54), 426.135(7.7), 178.034(7.6)
690.3 *3*	†4.17 *17*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
690.32 *6*	0.19 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
690.4 *4*	†10 *3*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
690.50 *25*	3	^{80}Y(35 s)	385.86(100), 595.06(39), 1185.20(20)
690.5 *2*	0.27 *13*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
690.5 *2*	0.21 *10*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
690.5 *10*	0.08 *4*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
690.50 *20*	0.28 *7*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
690.52 *16*	0.183 *18*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
690.6	†0.6	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
690.7 *3*	†4.8 *7*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
690.7 *2*	†0.5 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
690.7 *2*	†4.0 *10*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
• 690.715 *6*	9.0×10^{-7} *25*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
690.72 *7*	0.398 *16*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
• 690.74 *3*	0.122 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
690.75 *20*	1.07 *9*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
690.8 *12*	0.068 *14*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
690.8 *4*	0.7	^{113}Ag(68.7 s)	316.3(18), 392.3(11), 298.58(10)
690.8 *1*	0.14 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
690.8 *3*	2.91 *7*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
690.8 *2*	0.33 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
690.8 *1*	†6.66 *39*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
690.86 *4*	0.95 *9*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
690.89 *23*	†5.8 *9*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
690.9 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
690.9 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
690.9 *2*	0.058 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
690.90 *10*	5.6 *3*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
• 690.943 *20*	0.480 *23*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
690.96 *2*	†5	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
691.0 *2*	0.45 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
691.0 *5*	0.074 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
691.0 *3*	†3.3 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
691.0 *3*	†2.8 *5*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
691.0	0.7	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
691	>0.034	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
691.08 *3*	2.79 *17*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
691.08 *15*	4.32 *7*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
691.08 *10*	†7.8×10^3 *7*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 691.08 *10*	0.038 *4*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
691.1 *1*	0.0025 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
691.1 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
691.1 *3*	0.183 *19*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
691.17 *15*	2.90 *22*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
691.2 *3*	0.058 *15*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
691.2 *2*	0.55 *5*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
• 691.249 *14*	1.343 *15*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
691.249 *14*	7.39 *15*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
691.31 *20*	0.126 *25*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
691.4 *6*	0.35 *4*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
691.47 *11*	†1.23 *9*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
691.5 *7*	0.28 *6*	^{74}Kr(11.50 m)	89.65(31), 203.0(18.0), 296.67(9.9)
691.5 *3*	0.112 *15*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
691.5 *4*	0.032 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
691.5 *5*	0.12 *5*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
691.6 *2*	†14.3 *11*	^{103}Mo(67.5 s)	83.4(†100), 423.91(†69), 45.8(†57)
691.6 *2*	0.81 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
691.6 *5*	0.16 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
691.6 *2*	0.23 *7*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
691.6 *3*	0.047 *9*	^{195}Ir(3.8 h)	98.85(10), 684.88(9.4), 432.86(9)
691.7 *9*	0.24 *14*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
691.70 *6*	0.30 *3*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
691.736 *22*	0.601 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
• 691.75 *20*	0.0166 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
691.8 *5*	16.6 *17*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 789.7(4.7)
691.8 *4*	0.12 *4*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
691.8 *3*	†3.6 *9*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
691.80 *10*	24.0 *7*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 723.00(22.2)
• 691.81 *10*	0.213 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
691.81 *12*	0.68 *10*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
691.87 *10*		^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
691.87 *84*	†6 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
691.88 *13*	0.042 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
691.9 *7*	0.050 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
691.9	0.16	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
691.9	0.42	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
692.0 *4*	0.22 *6*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
692.0 *1*	8.0 *5*	^{96}Rb(0.199 s)	815.0(78.00), 813.2(7.0), 1037.3(6.6)
692.0 *1*	16.5	^{97}Rb(169.9 ms)	815.0(100), 414.3(15.0), 813.2(11.2)
692	>0.10	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
692.0 *1*	1.41 *6*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
692.0 *2*	4.7 *5*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
692.0 *2*	0.65 *17*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
• 692.0 *7*	†0.0025 *7*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
692.03 *2*	5.50 *17*	^{57}Mn(87.2 s)	122.0614(13.9), 14.41300(10.56), 352.36(2.09)
• 692.03 *2*	0.157 *9*	^{57}Co(271.79 d)	122.0614(85.60), 136.4743(10.68), 14.41300(9.16)
692.04 *6*	3.00 *17*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
692.06 *4*	1.39 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
692.2 *3*	0.41 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
692.22 *5*	0.452 *23*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
692.29 *12*	0.121 *13*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
692.3 *2*	†4.1 *10*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
692.3 *2*	2.20 *18*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
692.3 *4*	†20.9 *16*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
692.31	0.85 *4*	^{11}Be(13.81 s)	4443.93(100), 2124.473(100), 7282.92(87.0)
692.32 *21*	†3.1	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
• 692.32 *21*	1.60 *20*	^{102}Rh(2.9 y)	475.070(95), 631.28(55.9), 697.49(43.9)
692.36 *12*	0.10 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
692.37 *8*	4.27 *16*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
692.4 *4*	2.9 *8*	^{122}In(10.8 s)	1140.55(100), 1001.58(98.4), 103.74(81)
692.4 *2*	2.8 *6*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
692.4 *6*	0.09	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 692.421 *7*	1.802 *11*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
692.421 *7*	3.3 *3*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
692.421 *7*	3.18 *20*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
692.421 *7*	2.9 *3*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
692.5 *4*	0.031 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
692.5 *5*	0.06 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
692.5 *2*	5.1 *3*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
692.54 *12*	0.16 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 692.55 *11*	0.048 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
692.55 *11*	0.0014 *8*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
692.6 *3*	0.088 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
692.6 *1*	1.24 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
692.70 *20*	1.07 *13*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
692.7		^{132}Pr(1.6 m)	325.5(†100), 496.9(†25), 822.4(†17.3)
692.7 *2*	0.66 *14*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
• 692.794 *17*	3.78 *12*	^{122}Sb(2.70 d)	564.119(69), 1256.901(0.80), 793.278(0.016)
692.794 *17*	1.325 *25*	^{122}I(3.63 m)	564.119(18), 793.278(1.297), 683.647(0.778)
692.8 *4*	0.07 *5*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
692.8 *7*	0.32 *4*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
692.8 *3*	0.031	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
692.8 *8*	0.056 *25*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
692.86 *5*	12.56 *8*	^{78}Rb(17.66 m)	454.97(63), 562.15(11.41), 3438.16(10.8)
692.86 *5*	12.26 *14*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
692.899 *24*	0.065 *6*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
692.9 *3*	2 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
692.9	5.5	^{149}Ho(58 s)	1034.6(99.7), 1736.4(28.0), 372.1(25.3)
692.92 *12*	0.124 *18*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
693.0 *6*	†12 *3*	^{119}Xe(5.8 m)	231.8(†100), 98.5(†95), 461.5(†91)
693.0 *4*	0.32 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
693.0 *5*	0.20 *7*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
693.0 *4*	2.5 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
693.09 *2*	0.32 *4*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
693.1 *5*	4.8	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
693.1 *3*	0.378 *24*	^{73}Zn(23.5 s)	218.1(6.00), 910.5(1.91), 495.6(1.48)
693.1 *2*	0.26 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
693.1 *2*	†2.0 *3*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
693.1 *2*	2.6 *4*	^{136}Pm(107 s)	373.8(15.0), 602.7(12.3), 857.2(12.72)
693.1 *1*	†3.6 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
• 693.17 *20*	0.043 *6*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
693.2 *4*	0.0217 *9*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
• 693.2 *3*	0.260 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
693.2 *5*	1.1 *4*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
693.2 *5*	0.6 *3*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
693.2 *1*	0.021 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
693.2 *3*	†59 *11*	^{234}Ac(44 s)	1847(†100), 1912(†91), 688.5(†87)
• 693.2 *5*	3.0×10^{-8} *1*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
693.3 *6*	0.006 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
693.3	2.55 *18*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
693.33 *6*	2.58 *18*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
693.39 *6*	0.88	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
693.4 *2*	0.54 *9*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
693.4	0.008	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
693.4 *5*	0.14 *7*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 693.46 *8*	8.7×10^{-6} *4*	^{169}Yb(32.026 d)	63.12077(44.2), 197.95788(35.8), 177.21402(22.16)
693.5 *4*	0.063 *18*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
693.5 *1*	†24 *3*	^{123}La(17 s)	92.5(†100), 937.3(†43), 153.6(†43)
693.5 *4*	0.0150 *16*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
693.5 *7*	0.22 *3*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
693.53 *16*	0.088 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
• 693.55 *20*	0.0237 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
693.60 *10*	†5.2 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
693.60 *20*	0.14 *3*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
693.6 *3*	0.24 *8*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
• 693.62 *8*	†3.68×10^{4} *15*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
693.7 *1*	1.00 *12*	^{142}Tb(597 ms)	515.0(25), 465.0(2.7), 853.1(2.42)
• 693.79 *2*	24.3 *17*	^{254}Es(39.3 h)	648.80(28.4), 688.68(12.3), 584.32(2.84)
693.8	0.23	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
693.8 *2*	1.29 *18*	^{123}Cs(5.94 m)	97.3(23), 596.7(10.1), 83.3(4.1)
693.8 *4*	6 *3*	^{139}Eu(17.9 s)	267.3(31), 155.3(31), 190.1(25)
693.8 *3*	0.49 *3*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
693.8 *15*	†4.1	^{256}Es(7.6 h)	861.8(†100), 231.1(†61), 172.6(†49)
• 693.81 *8*	0.204 *11*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
• 693.815 *7*	2.0×10^{-8}	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
693.9 *2*	0.36 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
693.9 *1*	†6.0 *6*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
693.9 *2*	†4.6 *3*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
• 693.99 *8*	0.46 *3*	^{252}Es(471.7 d)	785.09(18.3), 139.03(13.9), 924.12(2.41)
• 694.0 *2*	0.55 *10*	^{144}Pm(363 d)	696.510(99), 618.01(98.6), 476.8(42.0)
694.0 *3*	3.1 *3*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
694.084 *35*	0.0116 *6*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
694.1	100	^{67}Co(0.42 s)	
694.1 *8*	†0.8 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
694.20 *10*	2.0	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
694.2 *1*	0.61 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
694.201 *10*	0.004 *3*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 694.201 *10*	0.035 *17*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
694.3 *5*	†11 *3*	^{85}As(2.028 s)	1111.5(†100), 3749.4(†23), 461.5(†20)
694.30 *15*	0.070 *18*	^{101}Tc(14.22 m)	306.85(88), 545.06(6.0), 127.23(2.86)
694.33 *18*	0.44 *5*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
694.33 *4*	3.75 *22*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
694.39 *14*	0.42 *4*	^{162}Yb(18.87 m)	163.35(40.0), 118.70(33.6), 576.10(3.24)
694.4 *12*	2.3 *10*	^{32}Na(13.2 ms)	885.4(60), 2151.3(32), 239.5(16.6)
694.4 *3*	13 *3*	^{114}Rh(1.85 s)	332.9(56), 361.9(20), 783.0(5.6)
694.4 *3*	11.2 *20*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)
694.4 *7*	†0.18 *6*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
694.4 *7*	0.56 *20*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
694.4 *10*	43	^{147}Tb(1.7 h)	1152.4(100), 139.9(27.46), 119.7(6.1)
• 694.4 *4*	2.1×10^{-5} *5*	^{153}Sm(46.27 h)	103.1807(31.4), 69.67340(4.85), 97.4316(0.847)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
694.4 *2*	†12.0 *15*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
694.426 *20*	>0.012	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
694.46 *9*	>0.012	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
694.5 *3*	0.09 *3*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
694.5	0.13	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
694.5 *5*	0.06 *3*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
694.5 *6*	0.004 *3*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
694.5		^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
694.5 *3*	0.015 *3*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
694.54	0.0033 *7*	^{42}K(12.360 h)	1524.70(18), 312.6(0.336), 899.43(0.0515)
694.6 *1*	0.18 *7*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
694.6 *3*	0.00054 *9*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
694.61 *20*	0.16	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
694.62 *14*	0.029 *7*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
694.64 *30*	0.24 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
694.65 *15*	0.064 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
694.66 *29*	0.19 *3*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
694.66 *14*	3.0 *3*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
694.66 *14*	0.011 *7*	^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
694.68 *27*	0.88 *5*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
694.7 *4*	0.13 *3*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
694.7 *3*	0.7 *3*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
694.7 *2*	†97 *2*	^{154}Lu(1.12 s)	821.3(†100), 433.6(†83), 96.6(†12)
694.7 *3*	0.21 *3*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
694.7 *3*	†1.90 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
694.8 *3*	†2.7 *9*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
694.8	1.0	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
694.8 *1*	5.5 *3*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
694.89 *5*	0.185 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
694.9 *6*	0.0011 *7*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
694.916 *4*	16.7 *11*	^{78}As(90.7 m)	613.725(54), 1308.59(13.0), 828.189(8.1)
694.916 *4*	0.058 *8*	^{78}Br(6.46 m)	613.725(14), 884.861(0.068), 1923.15(0.0490)
695.0		^{100}Zr(7.1 s)	504.25(31), 400.48(19.2), 498.0(0.72)
• 695.0 *10*	0.12	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
695.0 *2*	†4.6 *4*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
695.0 *2*	10.1 *6*	^{136}Pm(107 s)	373.8(15.0), 602.7(12.3), 857.2(12.72)
695	†15	^{163}Lu(238 s)	163.08(†100), 54.00(†88), 396.34(†63)
695.0 *2*	1.3 *4*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
• 695.03 *2*	100	^{126}Sb(12.46 d)	666.331(100), 414.81(83.3), 720.64(53.8)
695.03 *2*	82 *4*	^{126}Sb(19.15 m)	414.81(86), 666.331(86), 1035.07(1.80)
• 695.03 *2*	0.00023	^{126}I(13.11 d)	666.331(33.1), 753.819(4.16), 1420.17(0.295)
695.1 *2*	1.4 *2*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
695.1 *1*	4.5 *11*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
• 695.1 *3*	0.025 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 695.136 *9*	0.0090 *9*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
695.138 *22*	0.211 *13*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
• 695.17 *9*	0.0028 *6*	^{193}Os(30.5 h)	139.03(4.27), 460.50(3.95), 73.039(3.2)
695.2 *5*	†3.8	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
695.2 *3*	0.092 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
695.23 *4*	0.0042	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
695.24 *27*	0.080 *16*	^{164}Yb(75.8 m)	40.928(1.147), 675.41(0.38), 390.6(0.31)
695.249 *26*	0.068 *10*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
695.3 *5*	0.013 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
695.3 *3*	†3.0 *12*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
695.4 *3*	0.34 *4*	^{96}Sr(1.07 s)	122.297(76.50), 809.401(71.9), 931.7(11.8)
695.4 *5*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
695.4 *2*	0.062 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
695.4	0.15	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
695.4 *5*	†0.19 *2*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
695.4 *3*	†56 *4*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
• 695.43 *15*	0.035 *6*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
695.5 *5*	0.04 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
695.5 *5*	0.38 *7*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
695.5 *3*	1.08 *9*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
695.5 *2*	0.53 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
695.5 *10*	†1.56×10^3 *15*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
695.51 *9*	0.20 *4*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
695.60 *9*	7.2 *6*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
695.6 *3*	†3.4	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
• 695.6 *3*	2.9 *4*	^{102}Rh(2.9 y)	475.070(95), 631.28(55.9), 697.49(43.9)
695.6 *10*	0.017 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
695.6 *1*	†243 *36*	^{196}Tl(1.41 h)	426.0(†540), 635.5(†304), 610.5(†30)
• 695.62 *8*	0.52 *4*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
695.62 *10*	9.5 *8*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
695.7 *5*	0.037 *18*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
695.76 *10*	0.075 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
695.8 *3*	†25.2 *19*	^{94}Kr(0.20 s)	629.2(†100), 764.5(†71), 219.466(†67.4)
695.8 *5*	1.27 *8*	^{117}I(2.22 m)	325.9(75), 274.4(20.4), 661.5(5.1)
695.8 *4*	0.06 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
695.81 *12*	0.130 *15*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
• 695.88 *6*	2.988 *12*	^{129}Te(33.6 d)	729.57(0.70), 556.65(0.118), 817.04(0.091)
695.9 *2*	0.49 *3*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
695.9	1.35 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
695.9 *8*	0.23 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
695.9 *3*	0.236 *24*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
695.93 *6*	0.100 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
• 696.0 *4*	0.0009 *7*	^{57}Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
696 *1*	1.7	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
696.0 *3*	0.189 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
696 *1*	0.08 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
696.0 *3*	†4 *2*	^{136}Eu(3.3 s)	254.9(†100), 431.4(†34), 458.0(†20)
696.00 *14*	0.59 *9*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
696.0 *7*	0.9 *3*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
696.0 *8*	†31 *4*	^{195}Pb(15 m)	883.1(†100), 393.7(†42), 871.0(†36)
696.01 *10*	>0.0028	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
696.1 *3*	0.10 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
696.1 *3*	0.37 *12*	^{127}In(3.66 s)	252.3(38), 3074(2.85), 948.4(2.73)
696.1 *2*	0.64 *4*	^{235}Th(7.1 m)	417.0(2), 727.2(0.87), 644.9(0.56)
696.19 *2*	0.179 *14*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
696.2 *5*	†3.1 *10*	^{113}I(6.6 s)	462.5(†100), 622.4(†74), 351.5(†43)
696.2 *3*	0.38 *8*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
696.2 *4*	0.13 *7*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
696.2 *3*	0.20 *4*	^{237}Am(73.0 m)	280.23(47.3), 438.4(8.3), 473.5(4.3)
696.24 *10*	1.79 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
696.25 *7*	0.292 *9*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
696.264 *21*	0.171 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
696.3 *6*	0.09 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
696.3 *6*	0.03 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
696.3 *2*	0.19 *4*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
• 696.34 *30*	0.022 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
696.35 *17*	0.48 *7*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 696.490 *20*	0.145 *4*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
696.5	>0.0047	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
696.5		^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
696.5 *3*	1.37 *11*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
696.5 *2*	0.60 *13*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
696.5 *3*	0.06 *3*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
696.510 *5*	1.3	^{144}Pr(17.28 m)	2185.662(0.694), 1489.160(0.278), 1387.9(0.00672)
696.510 *5*		^{144}Pr(7.2 m)	1631.4(†2.8), 618.01(†1.5), 1885.0(†0.9)
• 696.510 *5*	99	^{144}Pm(363 d)	618.01(98.6), 476.8(42.0), 778.5(1.51)
• 696.575 *12*	0.0090 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
696.6 *2*	0.033 *13*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
696.6 *5*	0.28 *10*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
696.6 *6*	†10	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
• 696.60 *5*	†5.34×10^4 *17*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
• 696.6		^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
696.7 *8*	0.012 *3*	^{107}Rh(21.7 m)	302.77(66), 392.47(8.8), 312.21(4.8)
• 696.7 *3*	29 *7*	^{126}Sb(12.46 d)	695.03(100), 666.331(100), 414.81(83.3)
696.7 *7*	†2.2 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
696.72 *9*	0.61 *10*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
696.74 *17*	0.14 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
696.79 *32*		^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
696.8 *2*	15.5 *5*	^{120}In(47.3 s)	1171.3(100), 1023.1(97.4), 197.3(80.6)
696.8 *1*	86 *5*	^{132}Sb(2.79 m)	973.9(99), 989.6(14.9), 103.4(13.9)
696.8 *1*	100 *10*	^{132}Sb(4.10 m)	973.9(100), 150.6(66), 103.4(35)
696.8 *4*	0.08 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
696.86 *15*	0.068 *3*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
696.9 *4*	0.11 *3*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
696.9 *3*	0.18 *4*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
696.9 *3*	†1.33 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
696.94 *4*	0.071 *8*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
697.0 *10*	0.05 *3*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
697.0 *4*	0.171 *18*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
697.0 *5*	0.41 *21*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
697	†114 *7*	^{177}Ir(30 s)	183.6(†1010), 148.3(†929), 75.6(†>900)
697.1 *6*	0.004 *3*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
697.19 *6*	0.384 *20*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
697.25 *6*	†2.48 *17*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
697.27 *7*	0.344 *24*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
697.3 *3*	6.1 *6*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
697.3 *3*	1.7 *8*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)
697.30 *5*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
697.30 *5*	0.5 *5*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
• 697.300 *16*	6.13 *11*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
697.31 *9*	0.109 *11*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
697.35 *10*	2.58 *8*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
697.36	0.16	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
697.43 *10*	0.17	^{98}Nb(2.86 s)	787.374(13), 1023.73(6.1), 1432.22(3.4)
697.43 *10*	0.280 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
697.47 *5*	0.49 *4*	^{119}In(2.4 m)	763.14(99), 23.870(16.0), 1214.86(0.46)
697.49 *8*	†8.4 *6*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
• 697.49 *8*	43.9 *20*	^{102}Rh(2.9 y)	475.070(95), 631.28(55.9), 766.84(33.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
697.5 *3*	0.093 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
697.5 *2*	1.36 *19*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
697.5 *9*	0.24 *14*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
697.5 *4*	†5.0	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
697.5 *1*	2.4 *4*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
697.6 *1*	0.43 *4*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
697.6 *4*	0.022 *10*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
697.6 *15*	0.0028 *14*	^{157}Dy(8.14 h)	326.16(92), 182.20(1.84), 83.01(0.62)
697.6 *2*	†4.6 *3*	^{201}Po(8.9 m)	967.4(†100.0), 964.3(†85), 411.9(†33.0)
697.61 *7*	4.09 *18*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
697.61 *7*	40 *4*	^{148}Pr(2.0 m)	301.702(95), 450.58(50), 1556.7(4.9)
• 697.62 *3*	0.140 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
697.68 *7*	0.0523 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
697.68 *3*	0.94 *6*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
697.68 *3*	4.0 *9*	^{132}La(24.3 m)	464.55(22), 663.07(11.6), 285.6(7)
697.7 *3*	0.15 *10*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
697.70 *20*	0.089 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
697.7 *4*	0.063 *24*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
697.7 *5*	0.10 *3*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
697.73 *3*	4.4 *4*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
• 697.769 *14*	7.4×10^{-8} *15*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
697.8 *2*	30	^{120}Ag(1.23 s)	505.9(71), 817.1(11), 1323.1(9)
697.8 *2*	†51	^{120}Ag(0.32 s)	505.9(†51), 925.8(†36), 830.0(†15)
• 697.8	0.035 *8*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
697.9	1.3	^{144}Tb(4.25 s)	743.0(12), 1001.6(7), 959.36(4.7)
697.90 *25*	0.055 *23*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
697.94 *12*	1.38 *8*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
698.0 *2*	0.18	^{85}Y(2.68 h)	231.67(84), 504.45(60), 913.93(9.0)
698.0 *2*	1.30 *5*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
698 *1*	1.6 *5*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
698.0	5.5 *6*	^{145}Tb(29.5 s)	257.8(39), 987.8(37), 537.0(23)
698 *1*	0.064 *15*	^{193}Au(17.65 h)	186.17(10.1), 255.57(6.7), 268.22(3.9)
698.0 *4*	†2.7 *4*	^{198}Tl(1.87 h)	636.4(†202), 411.8044(†202), 587.2(†185)
• 698.06 *15*	0.064 *6*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
698.1 *4*	0.049 *8*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
698.10 *10*	2.2 *3*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
698.1 *1*	0.94 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
698.2 *4*	0.25 *3*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
698.2 *2*	†11.8 *9*	^{114}Cs(0.57 s)	449.7(†100), 618.3(†5.0), 758.2(†3.0)
698.2	†5.0	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 685.4(†41)
698.27 *5*	0.116 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
698.33 *23*	0.079 *5*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
698.36 *4*	0.214 *21*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
• 698.374 *5*	28.49 *25*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
698.374 *5*	0.0340 *8*	^{82}Br(6.13 m)	776.517(0.26), 1474.88(0.0198), 1180.266(0.00394)
698.374 *5*	0.133 *4*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 1474.88(0.079)
698.374 *5*	26.3 *7*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
• 698.44 *2*	0.0197 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
698.5 *3*	†12 *3*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
• 698.5 *5*	3.62 *7*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 783.7(15.0)
698.5 *3*	2.3 *5*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
698.5 *5*	0.09 *5*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
698.5 *6*	0.012	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
698.52 *11*	0.47 *4*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
698.54 *5*	0.229 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
698.57 *10*	0.334 *25*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
698.578 *25*	0.88 *5*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
698.59 *9*	0.14 *1*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
698.6 *3*	0.28 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
• 698.6 *4*	0.022 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
698.62 *5*	0.063 *7*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
698.69 *3*	1.68 *8*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
698.72 *11*	0.0312 *16*	^{137}Ce(9.0 h)	447.15(1.8), 10.6(0.8), 436.59(0.265)
698.73 *20*	†35	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
698.8 *3*	†0.29 *5*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
698.8	0.400 *23*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
698.8 *1*	0.38 *5*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
698.8 *2*	†100	^{151}Yb(1.6 s)	1050.2(†100), 1245.6(†100), 624.8(†100)
698.8 *10*	0.25 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 698.843 *16*	1.29 *5*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
698.87 *10*	0.229 *17*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
698.9 *2*	0.016 *4*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
698.9 *3*	0.087 *17*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
698.9 *3*	0.062 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
698.9 *4*	0.11 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
699.0 *5*	0.040 *20*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
699		^{115}Ag(18.0 s)	229.08(†100), 131.52(†77), 388.9(†52)
699.0 *6*	†0.5 *1*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
699.0 *2*	0.189 *18*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
• 699.0 *8*	0.019 *6*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
699.0 *5*	0.25 *11*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
699.0 *3*	13.4 *6*	^{180}Ir(1.5 m)	276.4(56), 132.2(38.1), 870.4(11.2)
699.0 *3*	†3.0 *9*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
699.0 *10*	†7.9×10^{2} *16*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
699.03 *5*	3.60 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
699.03 *5*		^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
699.08 *15*	0.038 *6*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
699.1 *2*	0.72 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
699.2 *3*	0.101 *20*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
699.27 *4*	0.0718 *22*	^{152}Eu(9.274 h)	344.281(2.44), 1314.67(0.956), 970.38(0.604)
699.27 *4*	†2.5 *9*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
699.4 *5*	0.013 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
699.4 *2*	0.139 *15*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
699.4 *2*	0.32 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
699.5 *5*	0.09 *3*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
699.5	6	^{103}In(65 s)	187.97(55), 720.32(13.9), 739.95(10.1)
699.5 *2*	0.192 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
• 699.5 *3*	0.006 *4*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
699.50 *15*	0.153 *13*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
699.5 *4*	0.0025 *13*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
699.58 *16*	11	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 1213.17(7)
699.58 *16*	7.8 *9*	^{116}Ag(10.4 s)	513.39(92), 705.82(61), 1028.90(30.4)
699.58 *8*	0.24 *4*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
699.58 *7*	0.243 *20*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
699.6 *4*	0.023 *6*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
699.6 *3*	0.084 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 699.6 *5*	7.9×10^{-8} *16*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
699.7 *2*	0.0179 *14*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
699.7 *3*	†12.9 *6*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
699.78 *4*	0.09 *3*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
699.8 *1*	9.1 *3*	^{73}Br(3.4 m)	64.9(37.0), 336.0(10.4), 125.6(7.55)
699.85 *6*	10.1 *5*	^{119}Te(16.03 h)	644.01(84), 1749.65(3.95), 1413.19(1.09)
• 699.89 *13*	0.00083 *22*	^{140}Ba(12.752 d)	537.261(24.39), 29.9640(14.1), 162.660(6.21)
699.9 *2*	1.26 *15*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
699.9 *4*	4.2 *15*	^{181}Lu(3.5 m)	652.5(22.0), 205.94(16.1), 574.9(15.4)
699.90 *17*	0.13 *4*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
699.9 *2*		^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
699.96 *5*	0.219 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
700.0 *5*	0.0498 *22*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
700.0 *3*	0.2	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
700.0 *3*	0.65	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
• 700	0.006	^{249}Cf(351 y)	388.16(66), 333.37(14.6), 252.80(2.50)
700.07 *16*	0.042 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
700.1 *2*	8.7 *17*	^{152}Ho(161.8 s)	613.8(73), 613.8(14), 1098.0(12)
700.1 *2*	†9 *4*	^{181}Ir(4.90 m)	107.64(†100), 1639.6(†52), 318.9(†46)
700.1 *2*	0.19 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
700.1 *2*	2.9 *3*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
• 700.15 *20*	0.0206 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
700.3 *6*	0.064 *16*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
700.3 *3*	0.0109 *19*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
700.32 *10*	1.80 *7*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
• 700.33 *8*	0.46 *5*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
700.38 *15*	0.027 *6*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
700.4 *10*	0.24 *12*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
700.5 *3*	3.0 *8*	^{145}Ho(2.4 s)	339.8(15), 312.9(14.3), 334.1(13.5)
700.5 *1*	0.44 *9*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
• 700.5 *5*	3.2×10^{-6}	^{228}Th(1.9131 y)	84.373(1.266), 215.985(0.263), 131.613(0.1355)
700.51 *24*	0.23 *4*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
700.54 *4*	0.025 *4*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 700.54 *4*	0.06 *3*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
700.6 *3*	0.58 *5*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
700.6 *1*	†194 *18*	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1827.2(†1410)
700.6 *3*	0.10 *5*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
700.6 *1*	†2.71 *16*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
700.6	0.27	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
700.6 *1*	7.1 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
700.6	1.9	^{147}Ce(56.4 s)	268.80(7), 92.9(4.7), 374.23(3.5)
700.6 *2*	1.15 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
700.6 *5*	†61 *14*	^{190}Bi(6.3 s)	773.8(†100), 455.0(†94), 506.2(†92)
700.62 *2*	0.77 *6*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
700.66 *13*	†1.3 *2*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
700.66 *3*	98	^{206}At(30.0 m)	477.10(86), 395.54(48), 733.73(10.2)
700.7	0.129 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
700.7	>0.013	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
• 700.80 *20*	0.0314 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
700.856 *16*	0.29 *3*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
700.88 *12*	0.38 *13*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
700.9 *3*	0.30 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
700.93 *8*	0.002	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
701.00 *20*	0.019 *5*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
701.0 *2*	0.28	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
701.0	0.5	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
701.0 *5*	0.47 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
701.0 *7*	0.20 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
701.0 *2*	0.250 *25*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
701.0 *8*	1.9 *8*	^{196}Pb(37 m)	253.1(27.0), 502.1(26.5), 366.5(11.1)
701.0 *2*	0.467 *20*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
701.0 *5*	0.14 *7*	^{237}Pa(8.7 m)	853.6(34), 865.1(15.5), 529.26(14.9)
• 701.01 *3*	5.12×10^{-7} *16*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
• 701.04 *24*	0.058 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
701.1 *5*	0.32 *11*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
701.1 *3*	0.21 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
701.10 *16*	0.0013 *3*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
701.1		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
701.1		^{131}Sn(58.4 s)	367.40, 285.0, 62.9
701.1	†1.8	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
701.1 *3*	0.57	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
• 701.1 *6*	0.008 *4*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
701.12 *10*	4.2 *4*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
701.14 *12*	1.14 *7*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
701.15 *9*	0.057 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
701.2 *4*	6.3 *12*	^{139}Eu(17.9 s)	267.3(31), 155.3(31), 190.1(25)
701.2 *6*	0.49 *6*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
701.2	1.0	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
• 701.25 *8*	<0.0006	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
701.3 *2*	1.46 *12*	^{74}Kr(11.50 m)	89.65(31), 203.0(18.0), 296.67(9.9)
• 701.3 *2*	0.36 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
701.4 *5*	†0.56 *11*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
701.4 *3*	0.51 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
701.4 *2*	0.012 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
701.487 *6*	0.77 *11*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
701.487 *16*	0.18 *3*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
701.49 *12*	0.061 *13*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
701.5 *5*	4.1	^{87}Se(5.85 s)	242.5(37), 334.0(35), 573.2(19)
• 701.5 *4*	2.6×10^{-5} *6*	^{153}Sm(46.27 h)	103.1807(31.4), 69.67340(4.85), 97.4316(0.847)
• 701.5 *3*	0.0062 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
701.53 *12*	0.053 *19*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
701.53 *10*	1.02 *8*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
701.579 *7*	0.008 *4*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 701.579 *7*	1.29 *10*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
701.6 *5*	0.6	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
701.6 *3*	$\dagger7.08\times10^{3}$ *17*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
701.69 *9*	0.50 *6*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
701.7 *3*	4.6×10^{-5} *8*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
• 701.7 *3*	0.0248 *9*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
701.7 *2*	0.79 *18*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
701.7 *3*	0.07 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
701.748 *15*	0.178 *11*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
701.748 *15*	0.08 *3*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
701.79 *7*	0.43	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
701.8 *1*	2.1 *5*	^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
701.80 *13*	0.38 *4*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
701.8 *2*	†2.4 *2*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
701.87 *8*	1.0 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
701.9 *2*	0.0031 *3*	^{109}Pd(13.7012 h)	88.04(1.171), 311.4(0.032), 647.3(0.024)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 701.9 *5*	0.019 *10*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
701.92 *28*	0.99 *11*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
701.96 *9*	0.07	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
702.0 *2*	†75	^{79}Zn(995 ms)	866.3(†100), 874.3(†31)
702.0 *6*	0.17 *4*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
702.0 *10*	0.17 *4*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
702 *1*	0.044 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
702.0 *10*	0.083 *22*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
702.0	0.40 *4*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
702.0 *5*	†4.1 *20*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
702.0 *6*	0.15 *7*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
702.0 *1*	0.54 *5*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
702.0 *2*	0.08 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
702.1 *3*	0.70 *8*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
702.1 *2*	0.41 *7*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
• 702.11 *20*	0.020 *4*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
702.14 *9*	1.01 *4*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
702.2 *6*	0.25 *8*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
• 702.20 *10*	4.4 *8*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
702.2	1.2	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
702.28 *6*	6.43 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 666.07(6.18)
702.28 *6*	12	^{146}La(10.0 s)	258.47(93), 409.86(81), 514.75(31)
702.28 *10*	0.512 *13*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
702.32 *12*	0.44 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
702.37 *11*	0.122 *20*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
702.4	0.07	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
702.4 *3*	0.017 *6*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
702.4		^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
702.40 *15*	0.31 *6*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
702.4 *3*	0.157 *19*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
• 702.5 *3*	0.033 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
• 702.50 *7*	0.511 *25*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
702.58 *23*	0.0917 *14*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
702.6 *5*	0.08 *4*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
702.6 *4*	0.16 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
702.6 *7*	0.09 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
702.6 *2*	0.30 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
702.6 *4*	†1.05 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 702.62 *10*	0.05 *4*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
• 702.626 *19*	97.9 *20*	^{94}Nb(2.03×10^4 y)	871.082(100)
702.626 *19*	0.00315 *20*	^{94}Nb(6.263 m)	871.082(0.50), 993.18(0.00075)
702.626 *19*	99.6 *18*	^{94}Tc(293 m)	871.082(100), 849.74(95.7), 916.10(7.6)
702.66 *25*	0.104 *17*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
702.7 *2*	0.080 *8*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
702.7 *3*	0.24 *3*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
702.7 *2*	1.4	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
702.7 *3*	0.008 *6*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
702.7 *4*	†3	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
702.8 *10*	0.00029 *18*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
702.8 *3*	†2.5	^{149}Ce(5.3 s)	57.7(†100), 380.0(†33.7), 86.4(†20.2)
702.8 *4*	0.022 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
702.8 *4*	0.20 *6*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
702.8 *1*	†1.50 *15*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
702.84 *18*	0.60 *15*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
702.84 *18*	0.30 *15*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
702.85 *12*	0.783 *21*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)
702.9 *4*	1.8 *5*	^{120}In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
702.91 *4*	2.43 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
702.92 *17*	0.084 *13*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
703	0.34 *5*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
703.0 *4*	2.6 *17*	^{152}Ho(161.8 s)	613.8(73), 613.8(14), 1098.0(12)
703.0 *2*	†405 *67*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
703.0 *7*	0.50 *25*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
703.0 *7*	0.253 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
• 703.06 *8*	0.136 *14*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
• 703.10 *10*	3.4 *8*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 703.110 *15*	0.0106 *9*	^{67}Ga(3.2612 d)	93.311(39.2), 184.577(21.2), 300.219(16.80)
703.11 *7*	4.4 *4*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 703.11 *7*	4.47 *18*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
703.11 *4*	0.367 *14*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
703.16 *73*	0.050 *14*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
703.23 *7*	0.0677 *23*	^{152}Eu(9.274 h)	344.281(2.44), 1314.67(0.956), 970.38(0.604)
• 703.23 *7*	0.0017 *13*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
• 703.23 *7*	0.0035 *8*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
703.23 *7*	†40 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
703.23 *7*	†19 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
703.3 *2*	0.36 *5*	^{100}Zr(7.1 s)	504.25(31), 400.48(19.2), 498.0(0.72)
703.3 *3*	0.17 *8*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
703.30 *5*	0.95 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
• 703.33 *10*	0.122 *14*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
703.34 *10*	15.4 *4*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
• 703.38 *18*	0.025 *9*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
703.4 *12*	0.037 *13*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
703.4 *5*	0.020 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 703.4 *6*	0.0035 *14*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
• 703.44 *8*	0.0064 *4*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
• 703.44 *3*	31	^{205}Bi(15.31 d)	1764.36(1.368), 987.62(0.585), 1043.72(1.291)
703.46 *8*	0.300 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 703.47 *23*		^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
703.48 *10*	0.0027	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
703.5 *2*	0.39 *7*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
703.5 *2*	†2.1	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
703.5 *3*	7.8 *11*	^{104}Sn(20.8 s)	132.7(56), 912.6(42), 401.2(16.2)
703.5 *1*	0.64 *5*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
703.5 *5*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
• 703.54 *5*	0.41 *4*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
703.56 *10*	0.143 *25*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
703.58 *17*	0.057 *10*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
703.6 *3*	0.46 *10*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
703.6 *5*	†>0.23	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
• 703.66 *19*	0.0178 *25*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
• 703.678 *5*	3.95×10^{-6} *2*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
703.7 *3*	0.0007 *4*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
703.7 *3*	†3.3 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
703.7 *6*	0.011	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
703.75 *10*	3.79 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
703.76 *5*	1.01 *5*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
703.8 *2*	0.66 *8*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
703.8 *3*	1.42 *19*	^{120}In(3.08 s)	1171.3(19), 2039.8(1.86), 2390.2(1.14)
703.8 *3*	0.149 *10*	^{120}Sb(15.89 m)	1171.3(1.7), 988.6(0.063)
703.8 *3*	0.17 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
703.8 *3*	0.092 *23*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
• 703.85 *15*	0.0762 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
703.9 *2*	0.19 *3*	^{80}Br(17.68 m)	616.6(7), 639.6(0.261), 1256.3(0.074)
703.9 *2*	1.88 *20*	^{80}Rb(34 s)	616.6(25), 639.6(1.50), 1256.3(0.57)
703.9 *1*	2.13 *12*	^{94}Sr(75.3 s)	1427.7(94), 723.8(2.40), 621.7(1.96)
703.9 *7*	0.105 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
703.9 *5*	1.9 *4*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
• 703.9 *7*	>0.7	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
703.9 *3*	0.24 *6*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
703.9 *3*	†3.3 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
703.9 *7*	0.79 *12*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 703.98 *12*	0.0053 *9*	^{192}Ir(73.831 d)	205.79549(3.300), 484.5780(3.184), 374.4852(0.721)
704.0 *6*	>0.07	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
• 704.0 *6*	0.011 *5*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
704.0 *2*	0.54 *3*	^{235}Th(7.1 m)	417.0(2), 727.2(0.87), 696.1(0.64)
704.03 *15*	0.187 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 704.056 *18*	0.0159 *18*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
704.06 *15*	0.34 *5*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
704.06 *15*	1.0 *1*	^{128}In(0.72 s)	831.54(100), 1168.80(100), 120.54(11.1)
704.07 *10*	0.0034 *16*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
704.1		^{86}As(0.9 s)	
704.2 *5*	0.049 *20*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
704.2 *3*	0.44 *8*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
704.2 *3*	†3 *1*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
• 704.24 *8*	0.338 *23*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
704.3 *10*	3.7 *18*	^{33}Na(8.2 ms)	546.5(6.4), 1242.6(4.2), 484.9(2.2)
• 704.3 *5*	†0.0050 *12*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
• 704.34 *3*	0.133 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
• 704.4 *3*	0.019 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
704.4 *3*	0.34 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
704.4 *3*	0.18 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
704.46 *15*	†2.0 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
704.49 *21*	0.56 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
704.5 *5*	8.5 *9*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
704.5 *1*	0.14 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
• 704.5 *2*	>0.7	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
704.5 *2*	0.39	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
704.5 *6*	0.19 *7*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
704.6 *2*	0.0018 *9*	^{52}V(3.75 m)	1434.068(100), 1333.649(0.588), 1530.67(0.116)
704.6 *2*	†0.030 *9*	^{52}Mn(21.1 m)	1434.068(†101.7), 1727.53(†0.224), 1530.67(†0.0478)
704.6 *3*	2.6 *3*	^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
704.64 *3*	0.462 *10*	^{211}Pb(36.1 m)	404.853(3.78), 832.01(3.52), 427.088(1.76)
704.67 *9*	6.0 *6*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
704.7 *3*	0.099 *18*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
704.7	0.28	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
704.7 *1*	†2.7 *2*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
704.7 *3*	†27 *5*	^{171}Ho(53 s)	903.3(†100), 198.6(†88), 279.2(†60)
• 704.73 *5*	0.068 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
704.8 *6*	1.2	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
704.8	0.27 *3*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
704.82 *25*	0.076 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
704.87 *94*	0.09 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
704.9 *1*	0.88 *25*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
• 704.9 *2*	1.70 *5*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
704.90 *11*	4.8 *3*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
704.9		^{165}Dy(1.257 m)	515.467(1.53), 361.68(0.534), 153.803(0.242)
704.9 *5*	0.14	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
704.9 *5*	0.042 *10*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
705.0 *1*	1.3 *3*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
705.0 *10*	1.34 *19*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
705.05 *20*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
705.08 *11*		^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
705.08 *11*	4.4 *4*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
• 705.1 *3*	0.0025 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
• 705.19 *24*	8.0×10^{-5} *2*	^{115}Cd(53.46 h)	336.240(45.9), 527.900(27.45), 492.3(8.03)
705.2 *3*	0.022 *4*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
705.24 *8*	0.1067 *22*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
705.3 *5*	0.09 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 705.333 *20*	0.0131 *5*	^{166}Ho(26.83 h)	80.574(6.71), 1379.40(0.93), 1581.89(0.187)
• 705.333 *20*	0.018 *11*	^{166}Ho(1.20×10^{3} y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
705.333 *20*	10.96 *23*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
705.4 *4*	4.18 *15*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
705.47 *12*	0.125 *12*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
705.5 *2*	0.037 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
705.5 *1*	0.033 *4*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
705.50 *11*	0.199 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
705.50 *20*	0.26 *3*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
• 705.52 *7*	0.0051 *5*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
705.6 *5*	0.22 *7*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
705.70 *30*	0.169 *25*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
705.7 *2*	†16 *2*	^{191}Pb(2.18 m)	387.1(†100), 712.2(†46), 613.5(†40)
705.72 *12*	0.42 *7*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
705.8 *2*	0.012 *4*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
705.8 *3*	0.90 *19*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
705.82 *15*	2.4	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
705.82 *15*	61 *3*	^{116}Ag(10.4 s)	513.39(92), 1028.90(30.4), 708.80(20)
705.83 *12*	0.30 *4*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
705.85 *12*	0.084 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
705.87 *22*	0.021 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
705.9 *1*	2.27 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
705.9 *1*	†4.0×10^{3} *5*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 705.9 *1*	0.153 *9*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 705.9 *1*	5.3×10^{-8} *20*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
• 705.91 *18*	0.017 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
705.93 *4*		^{151}Tb(25 s)	379.39(5.9), 830.81(3.10), 522.77(1.43)
705.94 *3*	4.24 *20*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
706.0 *2*	0.058 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
706.0 *2*	†0.51 *5*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
706.0 *1*	0.024 *5*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
706.0 *1*	0.336 *18*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
706.0 *4*	†4.6 *14*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
706.05 *10*	0.74 *7*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
706.05 *14*	1.54 *10*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
706.07 *10*	6.2 *5*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
706.07 *10*	0.8 *5*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
706.1 *2*	†7	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 685.4(†41)
706.1 *3*	†1.8 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
706.1 *9*	†1.7 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
• 706.16 *14*	0.038 *7*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
706.2 *3*	0.36 *9*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
706.2 *5*	1.2	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
706.2 *2*	1.41 *18*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
• 706.2 *4*	1.6×10^{-5} *4*	^{153}Sm(46.27 h)	103.1807(31.4), 69.67340(4.85), 97.4316(0.847)
706.2 *2*	†2.0 *8*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
706.3 *2*	0.18 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
706.3 *1*	57 *3*	^{134}Sb(10.43 s)	1279.1(100), 297.0(97), 115.2(49)
706.30 *12*	0.63 *10*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
706.3 *2*	0.025 *3*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
706.40 *20*	0.237 *11*	^{57}Mn(87.2 s)	122.0614(13.9), 14.41300(10.56), 692.03(5.50)
• 706.40 *20*	0.0253 *5*	^{57}Co(271.79 d)	122.0614(85.60), 136.4743(10.68), 14.41300(9.16)
706.4 *7*	0.020	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
706.4 *2*	0.044 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
• 706.50 *45*	0.074 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
706.5 *1*	1.79 *12*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
706.51 *12*	0.24 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
706.55 *18*	0.25 *4*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
• 706.55 *10*		^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
706.578 *13*	1.51 *4*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
706.6 *7*	0.95 *7*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
706.6 *6*	0.95 *19*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
706.6 *4*	1.6 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
706.63 *2*	0.42 *4*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
706.648 *15*	1.180 *25*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
706.65 *10*	0.83 *6*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
• 706.682 *3*	16.33 *9*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
706.682 *3*	0.13	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
706.7 *1*	†2.17 *22*	^{123}La(17 s)	92.5(†100), 937.3(†43), 153.6(†43)
706.7 *3*		^{147}La(4.015 s)	117.718(12), 186.320(6.48), 438.30(5.04)
706.71 *14*	0.56 *8*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
706.74 *6*	0.98 *5*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
706.8 *2*	†6	^{256}Es(7.6 h)	861.8(†100), 231.1(†61), 172.6(†49)
706.84 *11*	1.58 *20*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
706.9 *1*	0.50 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
707.0 *10*	0.009 *5*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
707.0 *2*	0.00159 *20*	^{109}Pd(13.7012 h)	88.04(1.171), 311.4(0.032), 647.3(0.024)
707.0 *3*	0.036 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
707.00 *10*	2.00 *20*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
707.0 *4*	0.24 *7*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
707.0 *3*	0.18 *3*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
707.0 *10*	1.00 *25*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
707.0 *10*	0.36 *10*	^{222}Fr(14.2 m)	206.15(51), 111.12(12.5), 242.12(1.89)
707.0 *10*	0.00006 *2*	^{226}Th(30.9 m)	111.12(3.29), 242.12(0.866), 131.02(0.278)
707.0 *5*	0.030	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
707.01 *20*	0.50 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
707.05 *6*	38.0 *15*	^{90}Br(1.92 s)	1362.32(11.2), 655.17(7.7), 1233.21(4.18)
707.08 *14*	†0.91 *11*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
• 707.1 *2*	0.065 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
707.1 *2*	0.96 *19*	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
• 707.10 *15*	0.134 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
707.2 *3*	†1.9 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
• 707.2 *7*	†0.0025 *7*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
707.29 *6*	0.0028	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
707.3 *2*	†0.54 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
707.4 *2*	†12.1 *6*	^{32}Ar(98 ms)	1168.4(†32.8), 461.09(†12.1), 1078.5(†12.0)
707.4 *6*	0.032 *17*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
707.40 *2*	29.5 *10*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
707.406 *21*	0.160 *16*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
707.406 *21*	0.31 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
707.41 *6*	0.40 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
707.42 *9*	0.084 *10*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
707.46 *9*	0.046 *7*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
707.47 *12*	0.194 *19*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
707.5 *5*	0.066 *20*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
• 707.5 *5*	0.07 *3*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
707.5 *2*	0.32 *14*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
• 707.5 *2*	2.7×10^{-6} *3*	^{233}U(1.592×10^{5} y)	42.44(0.0862), 97.134(0.020), 54.699(0.0182)
• 707.52 *20*	0.0119 *24*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
707.6 *4*	0.37 *15*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
707.6 *5*	0.25 *12*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
• 707.6 *2*	0.010 *5*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
707.6 *2*	†1.45 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
707.6 *2*	0.68 *11*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
707.63 *14*	0.234 *23*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
707.67 *9*	0.22 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
707.67 *15*	14.0 *9*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
707.68 *3*	4.6 *16*	^{100}Nb(2.99 s)	535.60(97.0), 600.5(65.0), 1280.6(23.8)
707.7 *5*	0.13 *5*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
707.7 *10*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
707.7 *4*	0.0033 *18*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
• 707.78 *3*	0.346 *21*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
707.8 *8*	0.064 *17*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
707.8 *3*	0.29 *3*	^{184}Pt(17.3 m)	154.90(31), 191.97(27), 548.36(23.1)
707.81 *5*	11.4 *8*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 1583.5(9.8)
707.9 *2*	0.053 *14*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
707.92 *4*	0.66 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
707.949 *12*	0.0100 *4*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
707.98 *20*	0.27 *5*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
708.00 *10*	0.62 *10*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
708.0 *2*	0.63 *11*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
708		^{158}Ho(21.3 m)	406.14(†100), 838.9(†84.3), 1484.1(†66.2)
708.0	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
708.0 *6*	0.012	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
708.03 *25*	0.15 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
708.03 *25*	0.70 *20*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
708.06 *6*	26.4 *11*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
708.09 *20*	0.078 *22*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
708.1 *2*	6.7 *9*	^{140}Gd(15.8 s)	174.8(76), 749.9(70), 379.0(38)
708.1 *6*	†357 *71*	^{177}Re(14 m)	196.85(†1200), 79.65(†1010), 84.3(†890)
• 708.130 *20*	0.273 *19*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
708.130 *20*	1.6	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
708.13 *40*	0.033 *10*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
708.18 *17*	0.14 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 708.195 *5*	0.268 *6*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
708.2		^{70}Cu(4.5 s)	884.9(54), 1876(2.2), 1654.1
708.2		^{70}Cu(47 s)	884.9(100), 901.7(87), 1251.7(57)
708.2 *1*	†3.9 *5*	^{180}Au(8.1 s)	153.3(†100), 524.3(†29), 257.6(†26)
708.2 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
708.3 *4*	3.5	^{113}Ag(68.7 s)	316.3(18), 392.3(11), 298.58(10)
708.3 *3*	0.0015 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
708.3 *2*	0.023 *8*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
708.3 *2*	†>7×10^{02}	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 708.3 *2*	0.052 *6*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 708.3 *2*	4.1×10^{-7} *7*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
708.3 *2*	0.52 *3*	^{235}Th(7.1 m)	417.0(2), 727.2(0.87), 696.1(0.64)
708.35 *30*	>0.05	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
708.35 *5*	†5.0	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
708.4	0.11	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
708.4 *6*	†3 *2*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
708.40 *30*	0.6	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
708.4 *5*	0.83 *16*	^{135}Nd(12.4 m)	204.02(52), 41.43(23), 441.2(14.9)
708.4 *2*	†3.9 *8*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
708.4 *2*	†93 *7*	^{174}Er(3.3 m)	100.4(†100), 766.9(†92), 151.8(†91)
708.5 *1*	†34 *19*	^{171}Ho(53 s)	903.3(†100), 198.6(†88), 279.2(†60)
708.5 *3*		^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
708.6 *7*	0.10 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
708.6 *1*	†2.9×10^{3} *3*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
708.6		^{157}Lu(5.0 s)	967.5, 949.8, 880.5
708.7 *6*	0.198 *24*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
708.7 *4*	0.19 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
708.7 *6*	0.013 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
708.75 *19*	1.00 *25*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
708.75 *9*	0.77 *4*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
708.80 *30*	20	^{116}Ag(10.4 s)	513.39(92), 705.82(61), 1028.90(30.4)
708.82 *7*	1.15 *12*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
708.82 *7*	1.4 *4*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
708.83 *19*	0.035 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
708.9 *3*		^{114}I(2.1 s)	682.6
709.0 *5*	0.9	^{113}Ag(68.7 s)	316.3(18), 392.3(11), 298.58(10)
709		^{115}I(1.3 m)	460, 284, 275
709.0 *5*	0.66 *22*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
709.0 *5*	1.2 *4*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
709.0 *4*	0.22 *7*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
709.0 *3*	0.141 *22*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
709.01 *6*	0.29 *7*	^{30}S(1.178 s)	677.28(78.4), 2342.01(2.27), 3019.23(0.010)
709.1 *3*	4.5 *11*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
• 709.1 *4*	0.0150 *24*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
709.1 *3*	†2.0 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
709.1 *6*	†1.1 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
709.1 *3*	0.59	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
• 709.1 *3*	0.073 *11*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
709.1 *7*	0.28 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
• 709.133 *17*	0.82 *3*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
709.17 *7*	5.2 *4*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
709.17 *4*	1.43 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
709.2 *8*	†63 *21*	^{19}N(0.27 s)	96.0(†100), 3137.8(†76)
• 709.25 *6*	0.137 *11*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
709.30 *11*	0.00107 *18*	^{137}Ce(9.0 h)	447.15(1.8), 10.6(0.8), 436.59(0.265)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
709.3	0.009 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
709.3 *2*	†1.8 *4*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
• 709.320 *13*	1.350 *20*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 709.320 *13*	0.042 *18*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
709.42 *15*	0.151 *12*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 709.45 *5*	†6.41×10^{4} *13*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
709.5 *5*	0.075 *6*	^{107}Rh(21.7 m)	302.77(66), 392.47(8.8), 312.21(4.8)
• 709.59 *5*	0.0086 *13*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
709.6 *3*		^{22}O(2.25 s)	71.6(†100), 1874.2(†8)
709.6 *3*	0.21 *3*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
709.6 *3*	19.5 *12*	^{104}Cd(57.7 m)	83.7(47), 559.1(6.3), 66.8(2.40)
709.6 *3*	0.085 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
709.6 *3*	†6.4 *13*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
709.67 *20*	0.11 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
709.7 *3*	0.064 *15*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
709.71 *10*	0.28	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
709.78 *10*	2.1 *3*	^{184}Pt(17.3 m)	154.90(31), 191.97(27), 548.36(23.1)
709.79 *12*	0.40 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
709.8 *2*	0.126 *13*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
709.8 *3*	1.5 *3*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
709.8 *3*	0.48 *24*	^{147}La(4.015 s)	117.718(12), 186.320(6.48), 438.30(5.04)
709.8 *3*	0.49 *7*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
709.87 *8*	0.127 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
709.90 *10*	2.62 *7*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
709.9 *1*	0.09 *9*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
• 709.90 *3*	0.876 *7*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
709.95 *5*	5.4 *4*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
709.95 *5*	2500	^{94}Rb(2.702 s)	432.61(†9000), 213.429(†6000), 986.05(†4100)
• 709.98 *9*	0.0021 *5*	^{193}Os(30.5 h)	139.03(4.27), 460.50(3.95), 73.039(3.2)
709.99 *15*	3.6 *3*	^{162}Tm(24.3 s)	811.52(6.5), 798.68(5.2), 227.52(5)
710.0 *4*	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
710 *10*	0.125 *24*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
710.05 *20*	0.78 *6*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 710.1		^{185}Os(93.6 d)	646.116(78.0), 874.813(6.29), 880.523(5.17)
• 710.1 *3*	0.223 *10*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
710.1 *3*	0.57 *10*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
710.12 *18*	1.6 *4*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
710.2 *3*	1.2 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
710.3 *2*	0.087 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
710.312 *17*	21.4 *11*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
710.35 *8*	1.43 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
710.35 *15*	0.0012	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
• 710.358 *15*	3.11×10^{-5} *21*	^{169}Yb(32.026 d)	63.12077(44.2), 197.95788(35.8), 177.21402(22.16)
710.4 *2*	0.33	^{104}Mo(60 s)	68.8(55), 69.7(17.8), 36.3(14)
710.4 *1*	0.72 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
710.40 *18*	0.196 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
710.4 *2*	0.0031 *7*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
710.4 *2*	†15 *3*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
710.5 *3*	7	^{87}Se(5.85 s)	242.5(37), 334.0(35), 573.2(19)
710.50 *8*	5	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
710.5 *6*	0.38 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 710.6 *6*	0.0294 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
710.6	0.12	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
710.7 *2*	0.57 *9*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
710.70 *20*	†11 *4*	^{106}Nb(1.02 s)	171.548(†100), 350.70(†39), 714.00(†30)
710.7 *4*	0.42 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
710.7	0.06	^{132}Sn(39.7 s)	340.53(49), 85.58(48.2), 899.04(44.8)
710.8 *4*	5.1 *14*	^{100}Nb(2.99 s)	535.60(97.0), 600.5(65.0), 1280.6(23.8)
710.8 *1*	0.011 *2*	^{213}Bi(45.59 m)	440.46(26.1), 292.80(0.429), 807.36(0.292)
710.8 *2*	0.072 *23*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 710.8 *5*		^{233}U(1.592×10^5 y)	42.44(0.0862), 97.134(0.020), 54.699(0.0182)
710.81 *11*	0.095 *9*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
710.9 *2*	†16 *8*	^{194}Bi(106 s)	1308.3(†100), 671.8(†55), 965.4(†41)
• 710.9 *4*	0.0022 *9*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
711.0 *5*	0.5 *1*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
711.0 *7*	0.064 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
711.0 *4*	0.18 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
711.0	1.3	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
711.0 *1*	2.6 *7*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
711.0 *1*	13.6 *13*	^{230}Fr(19.1 s)	129.1(11.0), 728.4(7.3), 677.4(6.7)
711.11 *10*	0.054 *13*	^{93}Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
711.15 *10*	0.80 *5*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
711.18 *3*	17.6 *8*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 936.62(9.6)
711.18 *3*	†100 *11*	^{82}Ga(0.602 s)	216.47(†41), 530.22(†14)
711.20 *7*	0.00176 *8*	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
711.20 *7*	0.051 *3*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
711.2 *4*	†6.0 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
711.2 *5*	0.26 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
711.2 *4*	0.41 *8*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 711.2 *7*	0.0036 *10*	^{223}Ra(11.435 d)	269.459(13.7), 154.21(5.62), 323.871(3.93)
711.23 *12*	0.096 *9*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
711.3 *2*	0.00123 *10*	^{163}Er(75.0 m)	1113.5(0.0490), 436.1(0.0285), 439.94(0.0276)
711.4 *2*	0.45 *7*	^{123}Cs(5.94 m)	97.3(23), 596.7(10.1), 83.3(4.1)
711.4 *3*	0.017	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
711.42 *7*	0.49 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 711.43 *8*	0.106 *7*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
711.48 *27*	0.09 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
711.5 *1*	0.113 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
711.5 *3*	0.103 *23*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
711.5 *1*	0.155 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 711.6 *3*	0.0066 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
711.61 *5*	0.178 *20*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
• 711.65 *15*	0.0717 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
711.66 *8*	†3.1 *3*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
• 711.683 *8*	55.32 *22*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 280.459(29.77)
711.69 *7*	0.0371 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
• 711.763 *13*	0.27 *4*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
711.90 *6*	1.38 *5*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
711.9 *4*	0.5	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
711.9 *1*	0.124 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
711.9 *3*	0.64 *19*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
712.0 *10*	†33 *10*	^{106}Sn(115 s)	386.8(†100), 477.5(†62), 253.30(†57)
712 *1*	3.5	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
712.0 *1*	†2.88 *12*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
• 712.0 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 712.0 *1*	0.095 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
712.00 *20*	1.20 *7*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
712.0 *5*	0.20 *7*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
712	>0.034	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
712.1 *6*	0.65 *14*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
• 712.1 *2*	0.0154 *24*	^{193}Os(30.5 h)	139.03(4.27), 460.50(3.95), 73.039(3.2)
712.1 *4*	0.07 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
712.1	†93 *6*	^{202}Po(44.7 m)	688.6(†1000), 316.0(†286), 165.7(†174)
712.11 *10*	3.1 *3*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
712.15 *12*	0.53 *8*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
712.2 *2*	†46 *3*	^{191}Pb(2.18 m)	387.1(†100), 613.5(†40), 936.8(†37)
712.205 *15*	4.4 *3*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
712.205 *15*	0.131 *12*	^{150}Eu(12.8 h)	333.971(4.0), 406.52(2.81), 1165.739(0.257)
• 712.205 *15*	1.08 *3*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
712.26 *11*	0.33 *8*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
712.3 *1*	0.042 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
712.3 *4*	0.18 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
712.30 *10*	1.30 *9*	^{250}Es(8.6 h)	828.82(72), 303.41(21.6), 349.4(19.8)
712.35 *4*	0.830 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
712.35 *9*	0.030 *5*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
712.36 *12*	0.27 *7*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
712.39 *15*	0.22 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
712.4 *6*	0.26 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
712.41 *5*	0.70 *11*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
712.46 *12*	†4.5 *4*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
712.49 *7*	1.24 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
712.49 *7*	0.046 *4*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
712.5 *5*	0.21 *5*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
712.5 *3*	0.47 *5*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
712.53 *5*	45.1 *23*	^{80}Zn(0.545 s)	715.40(33.8), 964.93(15.6), 685.60(15.3)
712.59 *3*	0.070 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
• 712.59 *6*	0.023 *4*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
• 712.598 *5*	0.325 *6*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
712.6 *5*	0.19 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
712.6 *3*	0.42 *5*	^{153}Tm(1.48 s)	299.3(6), 765.5(1.92), 965.3(0.82)
712.6	†45	^{163}Ta(10.6 s)	396.0(†100), 451.1(†70), 448.7(†60)
712.6 *4*	0.23 *12*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
712.64 *6*	0.8 *3*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
712.64 *6*	3.8 *3*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
• 712.647 *20*	1.133 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
712.7 *4*	†12.4 *19*	^{137}Te(2.49 s)	243.3(†100), 554.0(†34), 469.1(†21)
712.70 *10*	†1.98 *11*	^{200}Bi(31 m)	1026.5(†110), 462.34(†45.7), 419.70(†26.0)
712.71 *5*	0.56 *17*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
712.71 *5*	1.00 *13*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
712.75 *7*	1.02 *14*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
712.8 *4*	0.70 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
712.8	0.8	^{144}Tb(4.25 s)	743.0(12), 1001.6(7), 959.36(4.7)
712.8 *9*	†0.18 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
712.8 *4*	0.08 *4*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
712.8 *2*	0.60 *18*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
• 712.817 *22*	0.30 *9*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
712.817 *22*	0.414 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
712.82 *17*	†13.5 *15*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
• 712.847 *6*	0.0959 *21*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
712.847 *6*	†2.9 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
712.89 *19*	†4.2 *8*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
712.9 *2*	†17 *5*	^{136}Eu(3.3 s)	254.9(†100), 431.4(†34), 458.0(†20)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 712.96 *5*	5.2×10^{-8} *6*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
712.97 *5*	4.6 *3*	^{134}Te(41.8 m)	767.20(29.0), 210.465(22.3), 277.951(20.9)
713	†0.27	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
713.0 *4*	†6.0 *7*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
713.02 *10*	3.4 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
• 713.10 *4*	1.87 *20*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
713.17 *14*	†100 *14*	^{189}Au(28.7 m)	812.68(†63), 447.65(†55), 348.14(†43)
713.2 *2*	0.059 *17*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
713.20 *15*	0.115 *23*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
713.2 *7*	0.7 *3*	^{162}Tm(24.3 s)	811.52(6.5), 798.68(5.2), 227.52(5)
713.224 *17*	0.0085 *4*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
713.25 *15*	0.014 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
713.3 *4*	0.055 *10*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
713.3 *2*	0.055 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
713.3		^{157}Lu(5.0 s)	967.5, 949.8, 880.5
713.31 *5*	0.0060 *15*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
713.32 *13*	†>1.1	^{27}Na(301 ms)	984.64(†114), 1697.94(†15.5), 3109.2(†>3.4)
713.37 *12*	0.50 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
713.37 *15*	0.59 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
713.4 *4*	0.27 *5*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
713.4	0.23	^{83}Zr(44 s)	55.55(8), 104.97(5.70), 475.1(5.1)
713.4 *2*	7.5 *8*	^{120}In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
713.4 *2*	†33 *2*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
• 713.4 *5*	0.009 *3*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
713.41 *6*	0.448 *22*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
• 713.48 *5*	0.235 *12*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
713.5	†2	^{107}Mo(3.5 s)	400.3(†100), 65.7(†>92), 384.4(†57.6)
713.5 *8*	0.012 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
713.5 *3*	†0.31 *5*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
713.5 *5*	†0.12 *2*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
713.57 *6*	0.592 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
713.58 *31*	0.13 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
713.6 *4*	0.151 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
713.6 *2*	0.010 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
• 713.6 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 713.6 *3*	0.00023 *3*	^{153}Sm(46.27 h)	103.1807(31.4), 69.67340(4.85), 97.4316(0.847)
• 713.6 *5*	0.016 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
713.6 *2*	1.25 *19*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
713.7 *1*	0.144 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
713.7 *1*		^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
713.77 *22*	†4.6 *7*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
• 713.781 *5*	2.27 *3*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 713.781 *5*	0.109 *12*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
713.8 *3*	0.37 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
713.8 *5*	0.6 *3*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
713.825 *19*	9.15 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
713.9 *10*		^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
713.9 *10*	0.11 *2*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
713.92 *7*	0.189 *18*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
714.0 *2*	1.6 *9*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
714.00 *20*	†30 *5*	^{106}Nb(1.02 s)	171.548(†100), 350.70(†39), 725.10(†17)
714.0 *1*	0.11 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
714.00 *25*	0.46 *14*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
714.0 *4*	0.28 *7*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
714.0 *5*	0.18 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
714.00 *6*	0.10 *3*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
714.04 *10*	0.076 *7*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
714.04 *10*	0.63 *9*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
714.09 *7*	0.19 *1*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
714.09 *7*	0.0039	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
714.1 *3*	†2.1 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
714.1 *2*	0.35 *4*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
714.1 *8*	0.8 *4*	^{196}Pb(37 m)	253.1(27.0), 502.1(26.5), 366.5(11.1)
714.3 *2*	0.56 *5*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
714.3 *4*	0.39 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
714.3 *5*	0.024 *12*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
714.3 *2*	2.8 *5*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
714.31 *5*	0.070 *21*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
714.35 *3*	7.17 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
714.39 *15*	0.62 *6*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
714.4 *2*	0.0173 *23*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
714.4 *4*	0.041 *14*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
714.4 *2*	†56 *6*	^{174}Er(3.3 m)	100.4(†100), 708.4(†93), 766.9(†92)
714.410 *9*	0.279 *19*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
• 714.45 *25*	0.0017 *13*	^{172}Er(49.3 h)	610.062(44.2), 407.338(42.1), 68.107(3.29)
• 714.563 *8*	7.9×10^{-8} *8*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
• 714.57 *15*	0.322 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
714.583 *3*	1.84 *4*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
714.61 *9*	0.27 *4*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
714.69 *21*	0.162 *16*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
714.7 *5*	†2.4 *9*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
714.7 *3*	†1.83 *20*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
• 714.769 *13*	0.045 *5*	^{148}Pm(41.29 d)	550.284(94.5), 629.987(89), 725.673(32.7)
• 714.769 *13*	1.72 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
714.8 *6*	0.019 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
714.8 *3*	0.052 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
714.9 *3*	0.044 *15*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
• 714.90 *10*	0.0085 *19*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
714.9 *4*	†6.2 *9*	^{113}Ru(0.80 s)	263.2(†100), 211.7(†31.0), 337.5(†27.9)
714.90 *6*	0.082 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
714.9 *4*	0.52 *9*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
714.94 *5*		^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
714.94 *5*	0.78 *22*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
715.00 *20*	0.64 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
715.0 *1*	0.17 *3*	^{140}Eu(1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
715.0	0.61 *4*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
715	†1.5	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
• 715.04 *20*	0.0061 *11*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
715.07 *12*	1.1 *1*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
715.1 *2*	0.170 *17*	^{79}As(9.01 m)	95.73(0.85), 364.9(1.06), 432.1(0.850)
• 715.1 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
715.1 *4*	0.123 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
715.15 *10*	0.33 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
715.17 *3*	0.22 *4*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
• 715.17 *3*	0.0071 *24*	^{74}As(17.77 d)	595.847(59), 608.353(0.552), 1204.208(0.285)
715.2 *5*	0.6 *1*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
715.2 *2*	0.0066 *16*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
715.3 *2*	0.26 *6*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
715.3 *10*	0.044 *20*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
715.32 *12*	†9	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
715.328 *20*	0.534 *11*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
• 715.34 *10*	0.102 *5*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
715.40 *5*	33.8 *18*	^{80}Zn(0.545 s)	712.53(45.1), 964.93(15.6), 685.60(15.3)
715.4 *3*	1.47 *15*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
715.4 *3*	6.4 *18*	^{150}Tm(2.2 s)	1578.9(91), 474.5(86), 207.6(82)
715.5 *10*	†1.1 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
715.5 *10*	0.42 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
715.5 *2*	0.056 *19*	^{195}Ir(3.8 h)	98.85(10), 684.88(9.4), 432.86(9)
715.5 *4*	0.24 *3*	^{231}Np(48.8 m)	370.9(10), 348.4(3.63), 263.8(2.84)
715.57 *5*	0.69 *4*	^{101}Tc(14.22 m)	306.85(88), 545.06(6.0), 127.23(2.86)
715.6 *3*	0.28 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
715.61	1.3 *4*	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
715.7	†4.1 *12*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
715.7 *2*	0.064 *8*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
715.7 *2*	0.049 *13*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 715.78 *6*	0.86 *5*	^{252}Es(471.7 d)	785.09(18.3), 139.03(13.9), 924.12(2.41)
• 715.817 *9*	0.189 *9*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
715.817 *9*	0.57 *8*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
715.817 *9*	0.82 *9*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
715.90 *20*	0.0100 *4*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
715.90 *20*	0.00072 *8*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
715.9	†13 *1*	^{152}Tm(8.0 s)	807.9(†100), 672.5(†9.5), 906.8(†6)
715.9 *4*	0.47 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
715.99 *5*	0.267 *15*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
716 *1*	0.040 *20*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
716.0 *6*	0.68 *23*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)
716.00 *15*	0.86 *16*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
716.0 *3*	†341 *24*	^{145}Gd(85 s)	329.9(†1329), 386.6(†1220)
716.09 *8*	0.0037 *4*	^{161}Ho(2.48 h)	25.65150(27), 103.062(3.9), 77.414(1.91)
716.2 *5*	0.26 *6*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
716.2 *2*	3.4 *11*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
716.2 *2*	0.071 *6*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
716.3 *3*	†0.26 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
716.3 *10*	0.27 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
716.4 *3*	0.33 *14*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
716.40 *7*	0.78 *5*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
716.4 *3*	†1.62 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
716.4	†6.7	^{193}Pb(5.8 m)	365.2(†100), 392.2(†20.7), 735.8(†5.1)
716.43 *7*	0.20 *4*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
• 716.45 *5*	0.0077 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
716.5 *3*	0.35 *17*	^{149}Pr(2.26 m)	138.447(11.0), 165.087(9.9), 108.520(9.5)
716.5 *4*	0.09 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
716.5 *2*	0.031 *8*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
716.55 *14*	0.6 *3*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
716.6 *1*	†70.63 *21*	^{95}Pd(13.3 s)	1350.9(†105), 381.8(†50.8), 913.2(†13.6)
• 716.60 *16*	>0.00023	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
716.6 *5*	0.94 *15*	^{140}Pm(9.2 s)	773.74(5.0), 477.1(2.6), 1204.8(1.9)
716.6 *2*	†6.3 *5*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
716.7 *3*	0.98 *7*	^{136}I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
716.7 *10*	0.130 *20*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
716.77 *7*	0.050 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
716.79 *23*	0.008 *3*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
716.8 *5*	0.29 *15*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
716.8 *4*	0.22 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
716.8 *1*	0.4 *3*	^{208}Fr(59.1 s)	635.8(10), 778.5(6.8), 325.3(5.2)
716.9 *5*	0.051 *12*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
716.9 *5*	0.07 *2*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
716.9 *6*	†6.5 *10*	^{206}Rn(5.67 m)	497.7(†100), 324.5(†96), 386.6(†61)
716.9 *4*	0.056	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
716.92 *10*	0.028 *7*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
716.96 *22*	0.162 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 716.96 *5*	0.031 *3*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
• 716.99 *10*	0.087 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
717.0 *2*	3.14 *22*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
717.05 *7*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
717.05 *7*	0.3 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
717.1 *3*	0.17 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
717.14 *19*	†11.0 *15*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
717.16 *12*	0.29 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
717.2 *10*	0.07 *3*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
717.2	†122 *8*	^{202}Po(44.7 m)	688.6(†1000), 316.0(†286), 165.7(†174)
717.24 *6*	0.0065 *4*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
717.24 *6*	28.9 *15*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 450.97(24.2)
717.24 *6*	0.00117 *15*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
• 717.24 *6*	28.9 *8*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 450.97(28.2)
717.24 *5*	0.252 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
717.30 *10*	4.6 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
717.3 *10*	†1.3	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
• 717.35 *3*	0.311 *6*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
717.4		^{180}Os(21.5 m)	20.1(†100), 667.0, 48.2
717.42 *3*	0.171 *15*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
• 717.424 *12*	3.94 *4*	^{185}Os(93.6 d)	646.116(78.0), 874.813(6.29), 880.523(5.17)
717.43 *22*	0.56 *11*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
717.45 *8*	0.06	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
717.5 *3*	0.28 *6*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
717.5 *1*	0.186 *16*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
717.60 *20*	0.454 *19*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
717.60 *15*	0.144 *16*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
717.64 *10*	1.73 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
717.7 *4*	7.1 *3*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
717.7 *4*	0.13 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
717.7 *4*	0.64 *20*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
717.7 *3*	0.040 *12*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
• 717.72 *8*	4.05 *23*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
717.8 *2*	0.11 *5*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
717.8	1.2	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
717.85 *8*	0.340 *25*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
• 717.87 *5*	0.00031 *3*	^{85}Sr(64.84 d)	514.0067(96), 868.5(0.0120), 151.159(0.0012)
717.90 *6*	0.0135 *11*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
717.9 *3*	†1.41 *16*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
718		^{92}Br(0.343 s)	769(†100), 1446(†10), 1035(†6)
718.0 *5*	0.05 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
718.0 *5*	†10 *5*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
718	†0.04 *1*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
718.10 *15*	15.0 *17*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
718.1 *3*	0.14 *5*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 718.178 *7*	0.04 *3*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
718.2 *1*	2.75 *16*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
718.2 *4*	†0.71 *24*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
718.2 *1*	†2.30 *23*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
718.2 *6*	3.1 *5*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
• 718.234 *9*	2.8×10^{-6} *2*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
718.3	98.53 *2*	^{10}C(19.255 s)	1021.7(1.465)
718.33 *12*	1.47 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
718.38 *5*	0.91 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
718.4 *3*	0.081 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
718.40 *20*	0.168 *17*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
718.4 *3*	0.032 *16*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
718.43 *4*	0.049 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
718.48 *15*	0.019 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
718.48 *15*	0.250 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
718.499 *11*	0.293 *10*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
718.5 *2*	0.171 *15*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
718.5 *3*	0.015 *6*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
• 718.5 *4*	2.1×10^{-5} *5*	^{153}Sm(46.27 h)	103.1807(31.4), 69.67340(4.85), 97.4316(0.847)
• 718.5 *10*	†0.0019 *7*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
• 718.5 *3*	0.0084 *8*	^{249}Cf(351 y)	388.16(66), 333.37(14.6), 252.80(2.50)
• 718.62 *14*	0.047 *5*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
718.7 *20*	0.43 *4*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
718.7 *2*	0.22 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
718.709 *28*	0.0120 *8*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
718.8 *5*	0.030 *19*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)
718.8 *2*	†4.5 *5*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
718.82 *3*	0.405 *17*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
718.9 *2*	0.18 *6*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
718.9 *2*	0.010 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
718.9 *2*	0.83 *22*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
718.97 *2*	4.36 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
719.00 *9*	3.37 *17*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
719.0 *4*	20 *3*	^{139}Eu(17.9 s)	267.3(31), 155.3(31), 190.1(25)
719.0	0.36	^{147}Ce(56.4 s)	268.80(7), 92.9(4.7), 374.23(3.5)
• 719.0 *5*	0.011 *3*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
719.0 *3*	0.085 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
719.0 *2*	†13.8 *4*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
719.01 *7*	†26 *3*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 719.01 *7*	0.122 *7*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
719.1	0.8	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
719.1 *2*	†3	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
719.1 *1*	0.432 *24*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
719.15 *8*	0.073 *12*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
719.17 *23*	0.22 *3*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
719.2 *2*	0.5 *1*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
719.2 *1*	0.031 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
719.20 *11*	0.105 *10*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
719.30 *4*	31	^{205}At(26.2 m)	669.41(8.6), 628.88(5.6), 520.44(4.41)
• 719.353 *6*	0.267 *10*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
• 719.353 *6*	0.058 *8*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
719.40 *10*	58 *6*	^{102}Ag(12.9 m)	556.52(91), 1744.99(17.3), 1581.54(13.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
719.40 *10*	4.5 *5*	^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
719.44 *14*	0.0038 *8*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
719.46 *10*	0.060 *7*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
719.46 *17*	0.091 *9*	^{97}Nb(72.1 m)	658.08(98), 1024.49(1.09), 1268.68(0.148)
719.5 *5*	0.14	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
719.5 *3*	0.0039 *12*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
719.5 *5*	0.40	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
719.53 *4*	0.173 *6*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
719.550 *5*	0.14 *3*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 719.550 *5*	0.20 *3*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
• 719.55 *15*	0.022 *7*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
719.562 *14*	6.85 *9*	^{96}Nb(23.35 h)	778.224(96.45), 568.80(58.0), 459.88(26.62)
• 719.562 *14*	0.20 *5*	^{96}Tc(4.28 d)	778.224(100), 849.929(98), 812.581(82)
719.562 *14*	0.296 *15*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
719.58 *20*	1.22 *4*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
• 719.58 *8*	0.0174 *21*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
719.6 *3*	0.35 *3*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
719.6	>0.06	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
719.6 *3*	0.052 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
719.6	0.65 *5*	^{208}Fr(59.1 s)	635.8(10), 778.5(6.8), 325.3(5.2)
719.6 *3*	0.073 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
• 719.64 *5*	0.273 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
719.7 *7*	65	^{117}Te(62 m)	1716.4(15.9), 2300.0(11.2), 1090.7(6.9)
• 719.70 *8*	0.048 *14*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
719.71 *2*	8.9 *5*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
719.8 *6*	0.07 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
719.8	1.4	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
719.81 *19*	0.212 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
719.86 *3*	0.42 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
719.9 *1*	0.23 *3*	^{101}Tc(14.22 m)	306.85(88), 545.06(6.0), 127.23(2.86)
719.9 *1*	0.105 *10*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
719.9 *1*	†0.8 *1*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
719.9 *4*	0.13 *4*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
719.9 *1*	0.21 *3*	^{236}Th(37.5 m)	110.8(4.2), 646.6(0.72), 196.0(0.69)
719.93 *10*	0.00367 *25*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
• 719.979 *25*	0.208 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
720.0 *5*	†1.7 *8*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
• 720		^{243}Cm(29.1 y)	277.599(14.0), 228.183(10.6), 209.753(3.29)
720.1 *3*	0.34 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
720.1 *3*	0.15 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
720.1 *5*	0.024 *24*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
720.13 *5*	0.120 *22*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
720.2 *1*	0.019 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
720.22 *17*	0.154 *12*	^{45}Ti(184.8 m)	1408.6(0.085), 1662.4(0.041), 425.1(0.0137)
• 720.236 *8*	0.04 *3*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
720.24 *6*	6.5 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
720.3 *2*	1.56 *8*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
720.3 *5*	0.12 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
720.3	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
720.30 *15*	1.27 *9*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
720.3 *5*	1.34 *7*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
• 720.3 *5*	2.9×10^{-8}	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
720.32 *27*	13.9 *5*	^{103}In(65 s)	187.97(55), 739.95(10.1), 201.80(9.5)
720.392 *5*	0.77 *4*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 720.392 *5*	12	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
720.4 *6*	0.013 *2*	^{107}Rh(21.7 m)	302.77(66), 392.47(8.8), 312.21(4.8)
720.4 *1*	0.54 *10*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
720.4 *4*	0.11 *4*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
720.4	4.6 *4*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
720.4 *5*	0.16 *3*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
720.4 *5*	0.24 *5*	^{237}Am(73.0 m)	280.23(47.3), 438.4(8.3), 473.5(4.3)
720.5 *2*	†20 *4*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
720.5	†20 *4*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
720.55 *5*	3.9 *4*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
720.6 *8*	0.46 *19*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
720.6 *4*	†100 *10*	^{182}Lu(2.0 m)	818.4(†100), 808.1(†50), 97.79(†50)
• 720.64 *4*	53.8 *24*	^{126}Sb(12.46 d)	695.03(100), 666.331(100), 414.81(83.3)
• 720.65 *4*	0.143 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
720.70 *9*	0.54 *4*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
720.70 *9*	0.0095 *8*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
720.7 *2*	17.9 *10*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 1203.7(13.4)
720.7 *4*	0.18 *7*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
720.8	0.61 *23*	^{148}Ba(0.607 s)	56.08(29.20), 133.53(3.88), 415.78(3.59)
• 720.8 *5*	0.0009 *5*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
720.8 *1*	0.82 *7*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
720.8 *8*	0.0011 *3*	^{205}Hg(5.2 m)	203.750(2.2), 415.70(0.0130), 1218.96(0.0062)
720.81 *3*	3.54 *11*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
721.0 *10*	0.055 *15*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
721.0	0.7	^{147}Ce(56.4 s)	268.80(7), 92.9(4.7), 374.23(3.5)
721.0 *5*	0.13 *7*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
721.0 *3*	0.13	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
721.0 *3*	0.76	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
721.05 *11*	0.54 *6*	^{71}Zn(2.45 m)	511.56(32), 910.27(7.8), 389.88(3.8)
721.1 *4*	0.71 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
721.10 *5*	0.216 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
721.1 *7*	†3.0 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
721.13 *2*	1.01 *6*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
721.14 *4*	6.0 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
721.19 *4*	0.284 *9*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
721.2 *2*	1.06 *4*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
721.2 *1*	0.069 *3*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
• 721.3 *2*	0.059 *7*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
721.3 *3*	0.12 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
721.4 *4*	0.08 *3*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
721.4 *3*	0.101 *13*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
721.41 *3*	9.3 *4*	^{189}Pt(10.87 h)	94.33(7.6), 568.84(7.1), 243.37(7.0)
721.43 *8*	4.3 *3*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
• 721.44 *8*	0.090 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
721.46 *5*	†128	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
721.5 *2*	0.8	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
721.5 *3*	0.26 *4*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
721.55 *8*	0.66 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
721.6 *4*	0.019 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
721.6 *3*	0.53 *13*	^{149}Pr(2.26 m)	138.447(11.0), 165.087(9.9), 108.520(9.5)
721.6 *3*	1.18 *8*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
721.629 *19*	1.02 *6*	^{96}Nb(23.35 h)	778.224(96.45), 568.80(58.0), 459.88(26.62)
• 721.629 *19*	0.12 *5*	^{96}Tc(4.28 d)	778.224(100), 849.929(98), 812.581(82)
721.7 *3*	0.85 *7*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
721.7 *3*	0.20 *10*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
721.8 *2*	0.019 *6*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
721.8 *1*		^{145}Tb(29.5 s)	257.8(39), 987.8(37), 537.0(23)
721.84 *3*	0.10 *4*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
721.88 *8*	1.62 *17*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
721.90 *20*	0.46 *6*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
• 721.929 *13*	5.39 *4*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
721.99 *17*	0.050 *7*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
722.0 *6*	0.18 *7*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
722 *1*	0.019 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
722.0 *20*	0.020 *6*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
722.0 *4*	†0.70 *7*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
722.01 *15*	0.0033 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
• 722.01 *3*	†0.960×10^{6} *10*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
• 722.01		^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
• 722.03 *8*	0.068 *11*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
722.04 *12*	0.201 *14*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
722.09 *24*	†3.3 *5*	^{184}Tl(11 s)	366.51(†100), 286.80(†39), 340.0(†25)
722.1 *2*	†0.92 *21*	^{194}Bi(92 s)	965.4(†100.0), 575.1(†98.0), 280.1(†73.7)
• 722.1 *6*	†0.024 *7*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
722.1 *2*	0.081 *7*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
722.12 *8*	7.7 *5*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
722.15 *23*	0.75 *10*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
722.15 *18*	†5.6 *8*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
722.2 *2*	1.74 *12*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
• 722.2 *5*	1.87 *11*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 783.7(15.0)
722.2 *3*	†33 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
722.2 *5*	0.0048 *12*	^{235}Pu(25.3 m)	49.10(2.36), 756.4(0.479), 34.23(0.23)
722.3 *3*	0.077 *10*	^{138}Pr(1.45 m)	788.742(2.4), 688.2(0.82), 1551.1(0.42)
722.3 *1*	19 *3*	^{140}Gd(15.8 s)	174.8(76), 749.9(70), 379.0(38)
722.30 *50*	0.022 *10*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
722.35 *10*		^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
722.4 *2*	0.146 *16*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
722.4 *5*	0.09 *5*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
722.4 *4*	4.77 *24*	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
722.5 *2*	>0.00023	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
722.5 *1*	0.74 *7*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
722.5 *3*	7.0 *4*	^{150}Pr(6.19 s)	130.2(32), 852.7(6.1), 1141.26(5.3)
722.5		^{157}Lu(5.0 s)	967.5, 949.8, 880.5
722.5		^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
722.55 *5*	0.69 *4*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
722.59 *8*	0.37 *10*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
722.59 *8*	1.1 *4*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
722.6 *2*	0.34 *7*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
722.6 *1*	6.2 *17*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
722.6 *2*	0.413 *24*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
722.645 *14*	73.8 *15*	^{98}Nb(51.3 m)	787.374(93), 1168.830(17.8), 833.563(10.8)
722.65 *5*	0.039 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
722.68 *8*	0.272 *17*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
• 722.7 *5*	0.016 *5*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
722.7 *1*	0.35 *11*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
• 722.786 *4*	10.76 *10*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 645.855(7.38)
• 722.786 *4*	9.98 *18*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 1509.49(2.989)
722.8 *4*	0.75 *22*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
722.8 *5*	>0.16	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
722.87 *4*	0.027	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
722.88 *6*	0.82 *14*	^{237}Pa(8.7 m)	853.6(34), 865.1(15.5), 529.26(14.9)
722.90 *13*	†11.6 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
722.9 *2*	0.29 *6*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
722.9 *4*	0.52 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
• 722.911 *5*	1.773 *25*	^{131}I(8.02070 d)	364.489(81.7), 636.989(7.17), 284.305(6.14)
722.938 *8*	10.5 *18*	^{108}Rh(6.0 m)	433.937(88), 581.1(60), 947.27(49)
• 722.938 *8*	90.8 *18*	^{108}Ag(418 y)	433.937(90), 614.281(89.8)
723.0 *5*	23 *8*	^{84}Nb(12 s)	540.0(100)
723.0 *1*	0.17 *4*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
723.0 *2*	0.106 *20*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
723.0 *4*	0.033 *16*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
723.00 *10*	22.2 *6*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
723.0 *5*	†23	^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
• 723.02 *2*	0.0018	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 723.02 *2*	0.456 *14*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
• 723.05 *20*	0.0197 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 723.07 *5*	0.028 *12*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
723.1 *4*	1.19 *12*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
723.1 *1*	0.32 *11*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
723.1 *3*	0.114 *23*	^{123}Cs(5.94 m)	97.3(23), 596.7(10.1), 83.3(4.1)
723.10 *8*	0.13	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
723.2 *3*	0.15 *7*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
723.2 *2*	0.070 *22*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
723.2 *2*	0.32 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
723.2 *8*	†39 *9*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
723.3 *1*	†2.50 *25*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
• 723.304 *5*	20.22 *9*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 1004.725(18.01)
723.304 *5*	0.23 *8*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
723.33 *6*	0.75 *7*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
723.4 *3*	16.3 *7*	^{96}Pd(122 s)	124.70(65), 762.3(50.0), 499.7(17.9)
723.4 *6*	†298 *60*	^{177}Re(14 m)	196.85(†1200), 79.65(†1010), 84.3(†890)
723.4 *3*	0.044 *22*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
723.46 *8*	0.100 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
• 723.48 *5*	5.418 *24*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
723.5 *7*	0.20 *4*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
723.5 *2*	0.28 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
723.5 *7*	0.25 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
723.569 *22*	18	^{115}Te(6.7 m)	770.40(34.2), 1071.70(12.9), 1504.10(10.2)
723.569 *22*	30	^{115}Te(5.8 m)	1380.58(23.0), 1326.83(22.7), 1098.64(16.3)
723.6 *5*	0.17 *8*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
723.6 *6*	0.0162 *6*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 723.6 *6*	†0.017 *7*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
723.64 *10*	0.08 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
723.7 *2*	0.47 *9*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
723.7	0.071 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
723.7	0.22 *11*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
723.7 *2*	0.19 *9*	^{195}Ir(3.8 h)	98.85(10), 684.88(9.4), 432.86(9)
723.7 *1*	†15 *7*	^{196}Tl(1.41 h)	426.0(†540), 635.5(†304), 695.6(†243)
• 723.71 *4*	0.152 *12*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
723.75 *2*	2.05 *17*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
723.8 *2*	0.065 *7*	^{79}As(9.01 m)	95.73(0.85), 364.9(1.06), 432.1(0.850)
723.8 *1*	2.40 *13*	^{94}Sr(75.3 s)	1427.7(94), 703.9(2.13), 621.7(1.96)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
723.8	0.106 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
723.84 *6*	1.803 *22*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
723.9 *2*	†12.1 *13*	^{94}Pd(9.0 s)	558.2(†100), 54.6(†11), 797.8(†7.1)
724.0 *1*	0.90 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
724 *1*	0.11 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
724.0 *1*	1.18 *7*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
724 *1*	0.008	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
724.1 *1*	0.069 *9*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
724.11 *10*	3.7 *3*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
724.13 *8*	0.47 *4*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
724.13 *8*	4.0 *4*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
724.16 *16*	0.098 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
724.19 *19*	0.25 *5*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
• 724.199 *5*	44.17 *13*	^{95}Zr(64.02 d)	756.729(54), 235.69(0.294)
724.2 *3*	†8 *3*	^{131}Nd(27 s)	87.8(†100), 174.42(†34), 164.09(†25)
724.2 *5*	0.16 *5*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
724.21 *8*	47	^{105}Ru(4.44 h)	469.37(17.5), 676.36(15.7), 316.44(11.1)
724.26 *2*	1.6 *6*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
724.27 *7*	0.12 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
724.28 *7*	0.21 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
724.30 *3*	14.9 *17*	^{99}Y(1.470 s)	121.761(33), 536.2(6.6), 575.4(6.3)
724.3 *1*	0.00019 *5*	^{109}Pd(13.7012 h)	88.04(1.171), 311.4(0.032), 647.3(0.024)
724.3 *7*	†1.3 *6*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
724.3 *3*	0.80 *11*	^{149}Pr(2.26 m)	138.447(11.0), 165.087(9.9), 108.520(9.5)
724.3 *3*	0.60 *8*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
724.33 *3*	59	^{145}Ce(3.01 m)	62.54(13.33), 1148.03(9.15), 284.53(8.14)
724.4 *2*	0.062 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
724.4 *6*	0.39 *19*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
724.4 *3*	0.0007 *4*	^{137}Ce(9.0 h)	447.15(1.8), 10.6(0.8), 436.59(0.265)
724.4 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
724.5 *7*	0.51 *11*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
724.5 *2*	0.443 *22*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
724.5 *3*	0.113 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
724.5 *10*	0.42 *21*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
724.5 *4*	0.112 *22*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
724.57 *15*	0.082 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
724.6	0.18	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
724.6 *4*	0.09 *4*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
724.7 *3*	3.9 *4*	^{98}Pd(17.7 m)	112.0(58), 662.2(19.7), 106.75(13.9)
724.7 *2*	†4.4 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
724.7 *2*		^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
724.7 *5*	0.37	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
724.79 *4*	0.212 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
724.80 *12*	0.0471 *14*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
724.8 *2*	0.28 *3*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
724.8		^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
724.8 *3*	>0.26	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
724.8 *5*	0.57 *7*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
724.86 *2*	0.21 *3*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
724.9 *5*	0.6 *3*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
724.9 *2*	0.30 *8*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
724.9 *4*	0.14 *7*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
724.92 *15*	0.88 *14*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 724.94 *5*	0.0727 *24*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
725.0 *2*	0.77 *11*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
725.0 *4*	0.087	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
725.06 *8*	6.24 *18*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
• 725.07 *7*	0.328 *16*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
725.1		^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
725.10 *20*	†17 *6*	^{106}Nb(1.02 s)	171.548(†100), 350.70(†39), 714.00(†30)
725.1 *3*	0.20 *5*	^{123}Cs(5.94 m)	97.3(23), 596.7(10.1), 83.3(4.1)
725.1 *1*	12.5 *8*	^{154}Ho(3.10 m)	334.6(94), 412.4(79), 477.1(55)
725.123 *7*	5.30 *23*	^{155}Pm(41.5 s)	778.156(8), 409.873(2.18), 761.631(1.5)
725.14 *7*	0.93 *5*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
725.2 *2*	†1.6 *4*	^{131}Ce(5.0 m)	230.43(†100), 436.85(†7.3), 462.9(†6.9)
725.24 *4*	0.194 *7*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
725.27 *15*	0.63 *8*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
725.298 *10*	0.043 *4*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
• 725.298 *10*	†185 *13*	^{114}In(49.51 d)	558.454(†185)
725.3 *9*	0.29 *17*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
725.3 *10*	0.012 *6*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
725.30 *9*	0.031 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
725.392 *30*	0.0140 *14*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
725.40 *20*	0.78 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
725.5 *2*	0.029 *5*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
725.50 *20*	2.02 *19*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
725.5 *3*	0.59 *3*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
725.52 *15*	0.11	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
725.60 *15*	0.40 *8*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 725.673 *9*	32.7 *3*	^{148}Pm(41.29 d)	550.284(94.5), 629.987(89), 1013.808(20.20)
• 725.673 *9*	12.7 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
725.69 *18*	1.00 *25*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
725.7 *5*	1.45 *24*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
725.7 *2*	†1.3 *6*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
725.74 *5*	0.51 *3*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
725.8 *2*	0.23	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
725.9 *2*	0.084 *6*	^{93}Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
725.9 *3*	0.145 *13*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
725.96 *18*	0.26 *4*	^{162}Yb(18.87 m)	163.35(40.0), 118.70(33.6), 576.10(3.24)
726.0 *1*	0.52 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
726	>0.24	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
726.0 *3*	0.49 *5*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
726.0 *3*	0.71 *7*	^{130}Sn(3.72 m)	192.5(70), 779.8(59), 70.0(35.5)
726.0 *2*	3.28 *19*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
726.0 *2*	0.40 *13*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
726.09 *15*	0.16 *7*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
726.1 *3*	†0.58 *5*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
726.2 *3*	38 *16*	^{116}Rh(0.9 s)	340.5(90), 639.4(52), 538.4(40)
726.2 *5*	0.09 *7*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
726.2 *4*	†9.0 *14*	^{233}Pu(20.9 m)	235.4(†100), 534.8(†90.2), 500.3(†38.6)
• 726.21 *2*	0.082 *6*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
726.22 *8*	0.445 *24*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
• 726.22 *8*	3.78 *11*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
726.27 *10*	†68	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
726.29 *8*	7.1 *7*	^{103}In(65 s)	187.97(55), 720.32(13.9), 739.95(10.1)
726.3 *1*	4.1 *4*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
726.3 *5*	†0.13 *2*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
726.4 *2*	†1.00 *21*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
726.4 *4*	0.079 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
726.4 *6*	0.23 *23*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
726.4 *5*	†5 *1*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
726.4	†5 *1*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
726.4 *2*	†5 *1*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
726.46	3.77 *12*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
726.5 *3*	0.65 *7*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
726.5	0.08	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
726.5 *3*	1.6 *4*	^{186}Tl(27.5 s)	405.43(92), 402.72(45.9), 356.84(29.3)
726.51 *20*	0.51 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
• 726.56 *20*	0.019 *4*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
• 726.6 *7*	>0.031	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
726.60 *10*	0.144 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
726.7 *3*	42	^{59}Mn(4.6 s)	472.71(29.0), 570.81(24.8), 591.20(9.4)
726.7 *2*	†0.53 *21*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
726.71 *23*	0.15 *9*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
726.80 *10*	0.111 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
726.8 *3*	1.21 *20*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
726.8 *4*	0.84 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
726.83 *10*	0.09 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
726.863 *15*	0.64 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
726.863 *15*	0.50	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
726.87 *11*	†3.9 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
726.978 *20*	0.131 *16*	^{182}Os(22.10 h)	510.056(52), 180.230(33.5), 263.285(6.71)
727.0 *6*	0.8 *4*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
727.00 *2*	0.468 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
727.0 *3*	2.2 *6*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
727 *1*	0.04 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
727.0	0.013	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
• 727.0 *3*	0.0068 *14*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
• 727.010 *10*	0.0185 *14*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
727.010 *10*	0.67 *15*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
727.02 *30*	0.08 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
727.07 *5*	0.0119 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
727.096 *23*	0.0551 *16*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
• 727.1 *5*	0.00710 *4*	^{99}Mo(65.94 h)	739.50(12.1), 181.063(6.08), 140.511(4.52)
727.1 *1*	0.064 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
727.1 *2*	0.33 *7*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
727.1	0.008	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
727.1 *4*	†1.9 *6*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
727.1 *1*	†4.1 *4*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
727.2 *3*	3.2 *6*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
727.2 *10*	0.18 *8*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 727.20 *25*	0.048 *5*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
727.2 *2*	0.87 *4*	^{235}Th(7.1 m)	417.0(2), 696.1(0.64), 644.9(0.56)
• 727.22 *7*	0.124 *10*	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
727.3 *2*	0.57 *3*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
727.3 *3*	0.06 *3*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
727.3 *2*	†2.81 *10*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
727.31 *15*	0.07	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
727.330 *9*	6.58 *5*	^{212}Bi(60.55 m)	1620.50(1.49), 785.37(1.102), 1078.62(0.564)
727.330 *9*		^{212}Bi(25.0 m)	276.5, 120.9, 223.0
• 727.34 *10*	0.049 *11*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
727.34 *20*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 727.34 *8*	0.095 *5*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
727.38 *14*	0.038 *11*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
727.4 *3*	0.51 *10*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
727.4 *3*	3.9 *5*	^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
727.4 *3*	†18	^{99}Rb(59 ms)	144.224(†900), 289.4(†270), 1079.8(†90)
727.40 *2*	†6.93 *25*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
727.40 *15*	0.64 *8*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
727.43 *13*	0.252 *20*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
727.5 *5*	0.012 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
727.53 *9*	0.142 *16*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
• 727.531 *22*	0.0180 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
727.54 *13*	0.056 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
727.54 *10*	0.54 *8*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
727.6 *3*	4 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
727.6 *3*	0.9 *2*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
727.6 *1*	†44 *5*	^{171}Ho(53 s)	903.3(†100), 198.6(†88), 279.2(†60)
727.8 *4*	0.27 *4*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
727.8 *8*	0.050	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
727.8 *2*	0.113 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 727.806 *14*	1.24×10^{-7} *6*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
727.81 *15*	0.146 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 727.82 *7*	0.087 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
727.85 *23*	0.49 *11*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
727.858 *20*	0.395 *19*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
727.88 *5*	0.0163 *18*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
727.9	0.06	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
727.9 *2*	†7.5 *10*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
728.0 *6*	0.069 *8*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
• 728.031 *38*	0.0113 *10*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
728.06 *5*	3.30 *14*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
728.09 *14*	0.088 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
728.1 *2*	0.12 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
728.18 *2*	†100 *3*	^{160}Ho(5.02 h)	879.383(†65.9), 962.317(†59.1), 966.171(†54.5)
728.18 *2*	46.9 *13*	^{160}Ho(25.6 m)	879.383(26.6), 962.317(25.6), 645.40(24.7)
728.20 *15*	0.44 *10*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
• 728.2	0.012	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
728.2	>0.0010	^{161}Ho(2.48 h)	25.65150(27), 103.062(3.9), 77.414(1.91)
728.20 *10*	0.47 *5*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 728.20 *10*	1.90 *8*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
728.28 *20*	0.092 *15*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
728.3	0.9	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
728.3 *2*	0.122 *15*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
728.32 *6*	0.60 *5*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
728.37 *10*	35.6 *18*	^{74}Br(46 m)	634.78(91), 634.26(16.4), 1269.06(8.8)
728.38 *9*	0.046 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
728.4 *4*	0.12 *3*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
728.4 *2*	1.6 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
728.4 *3*	1.3 *3*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
728.4 *1*	7.3 *4*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 677.4(6.7)
728.48 *9*	†0.28 *4*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
728.5	10	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
728.5	0.021	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
728.5 *4*	0.022 *6*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
728.5 *5*	†37 *3*	^{160}Tm(9.4 m)	125.8(†100), 264.1(†27), 1368.5(†24.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
728.6 *5*	0.33 *5*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
728.64 *7*	0.24 *4*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
728.7 *4*	2.35 *24*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
728.7 *2*		^{130}Pr(40.0 s)	951.9, 499.0, 1405
728.7 *4*	1.03 *24*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
728.7 *3*	0.2	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
• 728.73 *6*	0.243 *14*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
728.77 *30*	0.038 *10*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
728.8 *5*	0.8	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
728.8 *3*	4.6 *4*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
• 728.85 *20*	0.043 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
728.86 *11*	0.045 *5*	^{199}Tl(7.42 h)	455.46(12.4), 208.20597(12.3), 247.26(9.3)
728.9 *6*	0.12 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
728.9 *5*	0.4 *4*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
729		^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
729		^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
729.0 *2*	†37.8 *23*	^{138}Pm(3.24 m)	520.9(†100), 493.1(†21.6), 1279.1(†11.0)
729.07 *53*	0.13 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
729.09 *5*	0.295 *9*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
• 729.09 *14*	0.027 *3*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
729.1 *9*	0.23 *11*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
729.19 *27*	0.008 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
729.2 *8*	0.0329 *24*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
729.2 *4*	†0.56 *11*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
729.23 *7*	1.37 *6*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
729.27 *37*	†7.5 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
729.27 *15*	0.98 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
729.3 *4*	†6.9 *8*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
729.38 *3*	0.085 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
729.4 *2*	1.6 *8*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
• 729.45 *4*	0.065 *4*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
729.5 *5*	0.19 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
729.5 *2*	0.46 *3*	^{235}Th(7.1 m)	417.0(2), 727.2(0.87), 696.1(0.64)
729.54 *22*	0.011 *8*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
729.57 *5*	0.0012 *3*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
• 729.57 *5*	0.70 *3*	^{129}Te(33.6 d)	695.88(2.988), 556.65(0.118), 817.04(0.091)
729.57 *7*	0.60 *12*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
729.60 *20*	0.23 *5*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
729.6 *3*	0.82 *12*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
729.6	†20	^{205}Rn(2.8 m)	264.9(†100), 464.5(†25), 620.2(†25)
729.63 *20*	0.30 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
729.7 *2*	†4.5 *8*	^{101}Y(448 ms)	98.3(†100), 133.8(†18.8), 232.1(†11.9)
729.7 *2*	†2.2 *6*	^{103}Nb(1.5 s)	102.64(†100), 641.1(†55), 538.5(†34.0)
729.7 *3*	1.23 *10*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
• 729.72 *15*	†1.33×10^4 *14*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
729.8 *2*	2.7 *7*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
• 729.8	0.00074 *21*	^{125}Sb(2.7582 y)	427.875(30), 600.600(17.86), 635.954(11.31)
729.8 *5*		^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
729.85 *10*	0.037 *8*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
• 729.87 *8*	0.0030 *4*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
729.88 *17*	0.89 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
729.94 *15*	0.35 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
730.0 *3*	1.15 *17*	^{99}Y(1.470 s)	121.761(33), 724.30(14.9), 536.2(6.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
730.0		^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
730.0 *2*	†7	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
730 *1*	0.020 *6*	^{193}Au(17.65 h)	186.17(10.1), 255.57(6.7), 268.22(3.9)
730.03 *14*	0.60 *5*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
730.04 *24*	0.32 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
730.05 *20*	0.162 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
730.1 *4*	0.08	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
730.1 *4*	0.44	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
730.2 *3*		^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
730.3 *3*	35 *15*	^{148}Tm(0.7 s)	646.6(100), 877.4(72), 1002.9(55)
730.3 *5*	0.270 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
730.38 *11*	0.61 *7*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
730.4 *4*	0.0205 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
730.4 *3*	0.151 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
730.4 *7*	†0.6 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
730.40 *3*	>0.016	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
730.40 *20*	0.19 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
730.41 *17*	0.07 *3*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
730.49 *8*	1.8 *5*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
730.5 *2*	0.58 *7*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
730.5 *5*	†1.9 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
730.5 *3*	†1.8 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
730.5 *1*	1.05 *7*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
• 730.52 *10*	0.076 *12*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
730.6	1.4	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
730.6 *2*	0.8	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
730.6 *2*	0.60 *16*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
730.6 *4*	0.51 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
730.660 *2*	1.45 *6*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 730.660 *2*	5.072 *21*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
730.70 *30*	0.068 *25*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
730.7 *1*	0.032 *4*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
730.7 *7*	†2	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
730.71 *20*	0.19 *4*	^{162}Yb(18.87 m)	163.35(40.0), 118.70(33.6), 576.10(3.24)
730.73 *8*	1.62 *17*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
730.74 *4*	1.81 *11*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
730.76 *7*	0.33 *5*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
730.77 *25*	1.72 *13*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
730.8 *4*	0.19 *4*	^{76}Kr(14.8 h)	315.7(39), 270.2(21.1), 45.48(19.5)
730.8 *1*	9.3 *10*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
730.8 *4*	0.10	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
730.8 *2*	0.36 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
730.84 *5*	0.95 *5*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
730.9 *1*	7.5 *6*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
730.9 *5*	0.35 *4*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
• 730.9 *2*	0.6	^{126}Sb(12.46 d)	695.03(100), 666.331(100), 414.81(83.3)
730.9 *5*	0.26 *9*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
730.9 *2*	0.63 *8*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
730.92 *4*	0.012	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
731.0 *4*	0.16 *5*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
731.0 *3*	0.256 *15*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
731.01 *9*	0.035 *10*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
731.07 *5*	0.0144 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
731.1 *3*		^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 731.1 *4*	0.036 *11*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
731.1 *2*	37 *4*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 839.7(24)
731.1 *2*		^{190}Tl(2.6 m)	416.4(79), 625.4(11.1), 683.5(8.7)
731.11 *10*	12.8 *13*	^{184}Pt(17.3 m)	154.90(31), 191.97(27), 548.36(23.1)
731.2 *5*	0.62 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
731.220 *24*	0.28 *5*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 731.220 *24*	0.336 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
731.227 *11*	7.70 *25*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
731.23 *15*	0.0023 *3*	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
731.3 *3*	0.113 *25*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
731.3 *4*	0.6	^{113}Ag(68.7 s)	316.3(18), 392.3(11), 298.58(10)
731.33 *4*	1.49 *4*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
731.4 *1*	†5.81 *15*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
731.40 *14*	0.5 *3*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
731.5	†22.0	^{158}Ho(21.3 m)	406.14(†100), 838.9(†84.3), 1484.1(†66.2)
• 731.5	†4.7×10^3 *15*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
731.58 *10*	2.9 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 731.6	0.0126 *22*	^{47}Ca(4.536 d)	1297.09(74), 489.23(6.5), 807.86(6.5)
• 731.6 *8*	0.016 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
731.6 *1*	†1.50 *15*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
731.634 *21*	0.055 *3*	^{135}Xe(9.14 h)	249.770(90), 608.151(2.90), 408.009(0.359)
731.68 *8*	0.070 *11*	^{132}Ce(3.51 h)	182.11(77), 155.37(10.5), 216.83(4.95)
731.7 *2*	†3.9 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
731.7 *10*	0.17 *3*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
731.8 *3*	0.49 *7*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
731.812 *13*	0.007 *3*	^{85}Kr(4.480 h)	151.159(75.0), 129.820(0.300), 450.85(0.011)
731.812 *13*	†1.45 *8*	^{85}Sr(67.63 m)	151.159(†1272), 129.820(†15), 450.85(†1.06)
731.88 *1*	0.61 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
731.9 *3*	†0.62 *13*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
731.9 *3*	0.29 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
731.9 *4*	0.022 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
731.92 *8*	0.55 *7*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 731.95 *10*	0.083 *3*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
731.95 *12*	0.25 *6*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
732.0 *1*	22 *1*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
732.0 *3*	0.9 *3*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
732.1 *2*	0.0212 *12*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
732.2	†6.8 *6*	^{178}Ir(12 s)	266.1(†100.0), 131.6(†79), 363.1(†39.9)
732.3 *3*	0.24 *3*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
732.3 *4*	0.28 *5*	^{201}Au(26 m)	542.6(1.2), 517.0(0.83), 613.2(0.77)
• 732.33 *5*	0.0077 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
732.33 *17*	1.12 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
• 732.34 *7*		^{210}Bi(3.04×10^6 y)	265.832(50), 304.896(28), 649.42(3.8)
732.4 *1*	5.0 *11*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
732.4 *2*	0.58 *9*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
732.4 *1*	0.57 *5*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
732.4 *1*	0.102 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
732.4 *7*	0.51 *11*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
732.42 *6*	1.910 *22*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 732.48 *5*	†0.02	^{136}Cs(13.16 d)	818.514(†100), 1048.073(†80), 340.547(†42.3)
732.48 *5*	0.0110 *14*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
732.5		^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
732.5 *3*	0.0976 *24*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
732.5 *2*	1.4 *3*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
732.5 *10*	†1.29×10^3 *15*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
732.5 *2*	0.015 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
732.60 *17*	0.169 *24*	^{91}Mo(65.0 s)	1507.93(24.3), 1208.09(18.7), 2240.87(0.73)
732.6 *1*	9.8 *8*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
732.6 *5*	0.054 *16*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
732.62 *16*	0.00131 *23*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
732.7 *2*	0.63 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
732.7 *4*	0.29 *7*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
732.70 *20*	0.55 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
732.7 *3*	0.019	^{164}Yb(75.8 m)	40.928(1.147), 675.41(0.38), 390.6(0.31)
732.7 *3*	0.30 *3*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
732.7 *4*		^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
732.8 *2*	0.33 *3*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
732.8 *2*	0.115 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
732.8 *5*	0.67 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
732.8 *2*	3.1 *3*	^{154}Ho(3.10 m)	334.6(94), 412.4(79), 477.1(55)
732.9 *2*	0.75 *5*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
732.9 *3*	†7 *1*	^{155}Tm(21.6 s)	226.8(†100), 531.7(†20), 88.1(†17)
732.9 *5*	0.15 *6*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
732.9 *2*	†6.0 *9*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
• 732.99 *7*	0.056 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
733.0 *2*	1.58 *22*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
• 733.0 *6*	0.034 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
733.0 *2*	0.25 *11*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
733.0 *2*	†1.05 *16*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
733	†10 *3*	^{210}Fr(3.18 m)	643.8(†100), 817.6(†60), 203.1(†35)
733.01 *9*	0.26 *4*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
733.02 *6*	0.113 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
733.08	0.16 *7*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
733.10 *20*	1.5 *3*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
733.1 *3*	0.063 *15*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
733.1 *4*	0.24 *5*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
733.2 *2*	0.023 *5*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
• 733.2 *7*	>0.08	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
733.2 *3*	0.0070 *21*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
733.30 *20*	0.18 *5*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
733.3 *1*	†4.0 *8*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
733.3 *3*	†26	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
733.39 *5*	6.9 *4*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
733.4 *5*	0.028 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
733.4 *3*	†1.8 *2*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
733.46 *16*	†13 *2*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
733.5 *4*	0.08 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
• 733.511 *5*	0.200 *10*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
733.6 *2*	0.065 *6*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
733.63 *10*	0.0023 *4*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
733.65 *10*	0.039 *11*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
733.68 *5*	1.40 *7*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
733.69 *9*	0.0269 *24*	^{50}Sc(102.5 s)	1553.768(100), 1121.124(99.5), 523.792(88.7)
733.7 *2*	0.7 *2*	^{104}Mo(60 s)	68.8(55), 69.7(17.8), 36.3(14)
733.7 *5*	0.13 *4*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
733.72 *5*	0.88 *5*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
733.73 *5*	10.2 *7*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
733.8 *3*	0.25 *5*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
733.80 *5*	0.35 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
733.82 *29*	0.09	^{116}Sb(15.8 m)	1293.54(85), 931.800(24.7), 2225.33(14.2)
733.895 *8*	1.54 *18*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
733.9 *2*	1.9 *5*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
733.9 *4*	0.032 *10*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
733.9 *3*	0.16 *6*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
733.93 *8*	0.13 *7*	^{102}Tc(5.28 s)	475.070(7), 468.59(0.88), 865.5(0.87)
• 733.93 *8*	†0.103 *21*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
733.94 *10*	0.64 *5*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 733.97 *13*	0.047 *6*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
734. *1*	0.010 *5*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
734.00 *4*	1.77 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
734.0 *2*	0.11 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 734.1	>0.008	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
• 734.10 *20*	0.26 *7*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
734.10 *20*	0.44 *4*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
734.1 *1*	0.07 *4*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
734.1 *3*	0.28 *5*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
734.1 *2*	0.7	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
• 734.12 *20*	0.013 *4*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
734.15 *12*	0.16 *4*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
734.17 *4*	0.110 *18*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
• 734.17 *4*	0.0036 *12*	^{74}As(17.77 d)	595.847(59), 608.353(0.552), 1204.208(0.285)
734.2 *4*	0.0088 *22*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
734.3 *1*	0.0152 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
734.4 *4*	0.20 *9*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
• 734.4 *4*	0.17 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
• 734.4 *1*	0.039 *4*	^{177}Ta(56.56 h)	112.9498(7.2), 208.3664(0.94), 1057.8(0.29)
734.40 *3*	0.38 *5*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 734.4 *5*	†0.0065 *24*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
734.41 *4*	1.16 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 734.41 *4*	3.1 *2*	^{246}Bk(1.80 d)	798.80(61), 1081.40(5.8), 833.60(5.0)
734.42 *7*	0.65 *14*	^{237}Pa(8.7 m)	853.6(34), 865.1(15.5), 529.26(14.9)
734.43 *15*	1.6 *4*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
734.5 *1*	0.18 *3*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
734.5 *3*	0.52 *16*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
734.5 *10*	0.52 *16*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
734.51 *16*	0.136 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
734.60 *20*	43	^{83}As(13.4 s)	1113.10(14.7), 2076.70(11.9), 2202.90(9.5)
734.6 *3*	1.5 *3*	^{150}Tm(2.2 s)	1578.9(91), 474.5(86), 207.6(82)
734.6 *6*	0.259 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 734.6 *5*		^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
734.7 *2*	3.3 *3*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
734.71 *6*	0.0051 *8*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
734.8 *1*	0.010 *4*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
734.8 *1*	0.24 *10*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
734.8 *3*	†2.5 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 734.863 *12*	0.126 *3*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
734.9 *2*	0.43 *5*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
734.9 *2*	2.12 *22*	^{98}Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
734.9 *2*	0.097 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
• 734.9	>0.00013	^{172}Er(49.3 h)	610.062(44.2), 407.338(42.1), 68.107(3.29)
734.9 *2*	22 *5*	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
734.9 *1*	5.9 *4*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
734.98 *5*	1.48 *8*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
734.98 *13*	0.466 *20*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
735.0 *10*	0.020 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
735.0 *2*	0.024 *5*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
735.0 *5*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
• 735.00 *5*	0.12 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
• 735.00 *5*	0.032 *17*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
735.0 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 735		^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
735.06 *8*	0.89 *9*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
735.1 *2*	0.30 *3*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
735.1 *3*	3.0 *7*	^{176}Re(5.3 m)	240.17(48), 109.08(25.0), 848.7(4.0)
735.1 *2*	0.098 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
735.12 *11*	0.76 *7*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
735.2 *3*	7.09 *19*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
735.2 *6*	0.37 *12*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
735.3 *4*	†0.66 *12*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
735.3 *4*	0.19 *5*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
735.3 *2*	†8 *1*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
735.343 *22*	0.151 *22*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
735.4 *3*	†5 *2*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
• 735.40 *10*	0.0058 *10*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
735.4 *3*	0.112 *22*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
735.5 *12*	10.6 *22*	^{32}Mg(120 ms)	2765.3(25), 2466.9(4.1)
735.5 *4*	†6.4 *14*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
• 735.5 *5*	†0.010 *3*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
• 735.51 *16*	0.0011 *3*	^{193}Os(30.5 h)	139.03(4.27), 460.50(3.95), 73.039(3.2)
735.59 *22*	0.367 *7*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
735.6 *2*	1.85 *10*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
735.6 *5*	0.7	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
735.6 *2*	>0.14	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
735.6 *3*	0.14 *5*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
• 735.64 *5*	0.075 *8*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
735.64 *5*	$<7.0\times10^{-5}$	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
735.64 *5*	0.11 *5*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
735.64 *10*	0.31 *5*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
735.68 *9*	0.074 *6*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
735.7 *8*	0.035 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
735.72 *6*	7.5 *4*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 788.6(6.3)
• 735.72 *6*	22.5 *15*	^{146}Pm(5.53 y)	453.88(65), 589.3(0.42), 146.4(0.21)
735.73 *6*	0.37 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
• 735.738 *26*	0.137 *10*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 735.738 *26*	0.127 *10*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
735.78 *7*	0.0616 *25*	^{123}I(13.27 h)	158.97(83), 528.96(1.39), 440.02(0.428)
735.8 *2*	0.34 *6*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
735.8	†5.1	^{193}Pb(5.8 m)	365.2(†100), 392.2(†20.7), 716.4(†6.7)
735.83 *5*	0.017 *3*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
735.85 *25*	0.77 *18*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
735.87 *24*	1.5 *5*	^{80}Zn(0.545 s)	712.53(45.1), 715.40(33.8), 964.93(15.6)
735.9 *2*	3.0 *3*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
735.9 *5*	†1.4 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
735.9 *2*	0.016 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
735.9 *2*	2.4 *5*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
• 735.906 *7*	3.0×10^{-8} *1*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
735.93 *7*	5	^{242}Np(2.2 m)	780.44(2.76), 1473.1(2.34), 1137.1(1.30)
735.97 *10*	0.113 *15*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
736	†3.9	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
736	>0.0030	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
• 736.02 *8*	0.138 *15*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
736.10 *6*	0.68 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 736.12 *10*	0.47 *5*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
736.14 *8*	0.06 *3*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
736.2 *2*	0.95 *21*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
736.2 *5*	0.21 *4*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
736.22 *14*	0.25 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
736.23 *3*	6.59 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 736.23 *15*	0.126 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
736.3 *2*	0.0014	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
736.3 *2*	0.10 *6*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
736.3 *6*	0.34 *10*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
736.32 *11*	0.161 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
736.4 *4*	0.058 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
736.40 *20*	†5.6 *8*	^{106}Mo(8.4 s)	465.70(†100), 54.00(†54), 618.60(†25)
• 736.4 *1*	0.0160 *19*	^{177}Ta(56.56 h)	112.9498(7.2), 208.3664(0.94), 1057.8(0.29)
736.4 *6*	†0.43 *19*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
736.4 *7*	1.27 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 736.42 *20*	0.130 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
736.5 *1*	2.48 *15*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
736.54 *5*	0.191 *4*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
736.55 *28*	1.29 *21*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
• 736.55 *11*	0.079 *8*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 736.56 *8*	0.29 *3*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
736.6 *4*	0.057 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
736.65 *3*	12.6 *7*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 2392.43(9.4)
736.7 *2*	1.62 *18*	^{98}Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
736.7 *2*	0.00168 *20*	^{109}Pd(13.7012 h)	88.04(1.171), 311.4(0.032), 647.3(0.024)
736.7 *2*	†8 *1*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
736.7 *3*	0.154 *19*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
736.8 *3*	0.48 *7*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
• 736.80 *10*	0.022 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
• 736.832 *22*	0.247 *15*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
736.832 *22*	0.136 *5*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
736.88 *12*	†17.1 *14*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
736.9 *15*	1.02 *25*	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
736.9 *15*		^{68}Cu(31.1 s)	1077.35(64), 1260.97(12.5), 1883.09(2.4)
736.9 *1*	0.0031 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
• 736.90 *20*	0.021 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
736.9 *1*	†1.30 *13*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
736.9 *5*	0.134 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
737 *1*	>0.35	^{113}Ag(68.7 s)	316.3(18), 392.3(11), 298.58(10)
737.0 *4*	1.0 *3*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
737.0 *6*		^{119}Xe(5.8 m)	231.8(†100), 98.5(†95), 461.5(†91)
• 737.0 *4*	0.052 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
• 737.0 *4*		^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
737.0 *5*	†11 *2*	^{160}Eu(38 s)	173.19(†100), 513.6(†60), 412.56(†56)
737.0 *2*	0.31 *10*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
737.0 *2*		^{190}Tl(2.6 m)	416.4(79), 625.4(11.1), 683.5(8.7)
737.0 *5*	0.20 *6*	^{235}Th(7.1 m)	417.0(2), 727.2(0.87), 696.1(0.64)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
737.011 *15*	0.278 *13*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
737.05 *10*	0.75 *4*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
737.1 *10*	0.39 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
737.1 *2*	0.22 *5*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
• 737.13 *10*	0.255 *8*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
737.19 *11*	0.73 *5*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
737.20 *21*	1.8 *13*	^{112}Rh(3.8 s)	348.70(33), 388.20(4), 777.5(3.6)
737.20 *21*	12.9 *20*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 1098.6(39)
737.2 *2*	†19	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 685.4(†41)
737.20 *20*	0.14 *4*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
737.24 *23*	0.053 *7*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
737.25 *36*	0.050 *13*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
737.3 *8*	0.047 *13*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
737.3 *3*	0.072 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
• 737.34 *5*	†8.00×10^4 *24*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
737.35 *10*	2.3	^{82}Y(9.5 s)	573.66(25), 602.14(10), 1175.58(1.0)
737.37 *17*	†12.6 *17*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
737.4 *2*	0.51 *5*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
737.4 *2*		^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
737.455 *15*	2.25 *16*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 737.455 *15*	9.60 *19*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
737.5 *4*	0.11 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
737.5 *5*	0.28 *7*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
737.55 *5*	0.90 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
737.6 *1*	1.31 *16*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
737.60 *12*	0.050 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
• 737.6	0.0063 *25*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
• 737.686 *4*	0.010 *5*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
737.72 *5*	0.038 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
737.74 *5*	12.1 *7*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
737.74 *5*	10.5 *8*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
• 737.8		^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
737.8 *4*	0.041 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
737.8 *3*	1.23 *7*	^{231}Np(48.8 m)	370.9(10), 348.4(3.63), 263.8(2.84)
737.86 *9*	29 *2*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
737.9 *2*	†0.53 *5*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
• 737.9 *3*		^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
737.96 *7*	0.47 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
737.96 *8*	35	^{139}Nd(5.50 h)	113.94(40), 982.2(26.4), 708.06(26.4)
737.96 *20*	0.22 *5*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
738.00 *10*	1.12 *4*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
738.0 *1*	1.15 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
738.03 *12*	1.17 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
738.07 *13*	0.72 *16*	^{162}Yb(18.87 m)	163.35(40.0), 118.70(33.6), 576.10(3.24)
738.1	15	^{43}Ar(5.37 m)	975.0(34), 1439.5(13), 2344.7(7)
738.1 *3*	12 *4*	^{116}Rh(0.68 s)	340.5(45), 398.1(16)
738.1 *3*	9.0 *25*	^{116}Rh(0.9 s)	340.5(90), 639.4(52), 538.4(40)
738.1 *3*	0.36 *4*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
738.10 *17*	0.30 *10*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
738.1 *3*	†0.23 *2*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
738.1 *4*	0.033 *16*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
738.1 *2*	†38.4 *4*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 656.4(†26.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
738.2 *2*	5	^{136}Te(17.5 s)	2077.9(22), 333.99(19), 578.75(18)
738.2 *2*		^{137}Te(2.49 s)	630.7, 578.75, 333.99
738.2 *3*	0.37 *6*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
738.23 *20*	3.04 *23*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
738.27 *10*	0.076 *10*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
738.3 *4*	0.7 *3*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
738.39 *7*	4.22 *22*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
738.4 *3*	0.68 *13*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
738.4 *10*	0.00060 *9*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 738.4 *10*	†0.0044 *12*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
738.46 *6*	0.040 *4*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
738.5 *4*	0.055 *4*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
738.5 *5*	0.25 *6*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
738.5 *5*	†14.9 *19*	^{206}Rn(5.67 m)	497.7(†100), 324.5(†96), 386.6(†61)
• 738.54 *9*	0.096 *8*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
738.6 *4*	0.214 *20*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
738.6	9	^{140}I(0.86 s)	376.657(91), 457.630(59), 936.7(16)
738.60 *17*	0.23 *8*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
738.6 *6*	>0.09	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
738.66 *5*	1.655 *25*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
738.66 *5*	0.38 *6*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
738.7 *2*	†5.2 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
738.7 *1*	1.08 *18*	^{160}Tm(74.5 s)	264.1(9), 125.8(6.5), 375.8(2.4)
738.7 *2*	0.00060 *12*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
738.72 *5*	0.158 *7*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
738.8 *10*	0.19 *6*	^{74}Kr(11.50 m)	89.65(31), 203.0(18.0), 296.67(9.9)
738.80 *30*	0.019 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
738.8 *1*	0.272 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
• 738.8 *2*	0.086 *15*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
738.8 *4*	0.58 *14*	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
738.8 *3*	†8.9 *13*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
738.83 *42*	†1.2	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
738.97 *16*	3.02 *6*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
739.0 *10*	0.023 *8*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
739.0 *3*	0.08 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
739.00 *30*	0.056 *7*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
• 739	>0.00050	^{192}Ir(73.831 d)	205.79549(3.300), 484.5780(3.184), 374.4852(0.721)
• 739	>0.00051	^{192}Ir(73.831 d)	316.50791(82.81), 468.07152(47.83), 308.45692(30.00)
739.1 *2*	>0.12	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
739.1 *1*	0.028 *3*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
739.1 *2*	0.144 *17*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
739.1 *1*	0.91 *4*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
739.1 *5*	†1.2	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
739.1 *4*	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
739.12 *12*	0.010 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
739.14 *14*	0.9	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
739.18 *8*	0.71 *7*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
739.2 *4*	0.0067 *13*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
739.2 *4*	0.035 *6*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
739.2	4.83 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
739.20 *3*	1.69 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
739.2 *1*	†65 *5*	^{227}Rn(22.5 s)	162.14(†100), 686.2(†62), 805.0(†33)
• 739.24 *8*	0.157 *8*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
739.3 *2*	4.6 *5*	^{174}Re(2.40 m)	243.4(37), 113.0(19.8), 1002.9(5.62)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
739.3 *7*	†5.7 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
739.32 *8*	1.62 *16*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
739.34 *12*	0.018 *6*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
739.4 *3*	0.15 *4*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
739.4 *1*	5.73 *10*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
739.4 *4*	0.19 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
739.4 *3*	0.063 *6*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
739.41 *15*	4.1 *5*	^{190}Pb(1.2 m)	942.20(34), 151.19(8.92), 598.3(8.0)
739.42 *5*	4.23 *24*	^{73}Ga(4.86 h)	297.32(79.8), 325.70(11.17), 767.8(1.44)
• 739.42 *11*	1.83×10^{-6} *21*	^{169}Yb(32.026 d)	63.12077(44.2), 197.95788(35.8), 177.21402(22.16)
739.42 *14*	0.88 *14*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
739.47 *17*	0.20 *8*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
739.47 *23*	0.38 *6*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
739.48 *3*	82 *3*	^{130}I(12.36 h)	536.09(99), 668.54(96), 418.01(34.2)
• 739.50 *2*	12.1 *4*	^{99}Mo(65.94 h)	181.063(6.08), 140.511(4.52), 777.921(4.28)
739.50 *9*	10 *1*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
739.54 *13*	0.301 *19*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
• 739.58 *7*	†0.55 *8*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
739.6 *10*	0.08 *3*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
739.6 *2*	0.40 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
739.6 *4*	0.11	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
739.62 *4*	1.36 *8*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
739.63 *3*	2.4	^{113}Pd(93 s)	95.74(3.3), 643.7(3.0), 222.06(1.2)
• 739.68 *6*	0.30 *3*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
739.73 *10*	0.76 *4*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
• 739.78 *2*	47.8 *7*	^{171}Lu(8.24 d)	19.394(13.7), 667.404(11.04), 75.878(6.08)
739.79 *15*	0.61 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
739.8 *5*	0.23 *8*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
739.8 *4*	0.0120 *24*	^{235}Pu(25.3 m)	49.10(2.36), 756.4(0.479), 34.23(0.23)
739.9 *10*		^{77}Ga(13.2 s)	469.4(†100), 458.6(†48), 2187.3
739.9 *3*	0.211 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
739.9 *5*	0.83 *16*	^{135}Nd(12.4 m)	204.02(52), 41.43(23), 441.2(14.9)
739.9 *7*	0.091 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
739.95 *6*	10.1 *10*	^{103}In(65 s)	187.97(55), 720.32(13.9), 201.80(9.5)
739.95 *10*	$\dagger1.17\times10^{4}$ *3*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
740 *2*		^{92}Br(0.343 s)	769(†100), 1446(†10), 1035(†6)
740.0 *10*	0.17 *3*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
740.00 *20*	0.14 *4*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
740.0 *6*	0.29 *10*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
740.0 *3*		^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
740.0 *4*	0.031	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
• 740		^{243}Cm(29.1 y)	277.599(14.0), 228.183(10.6), 209.753(3.29)
• 740	0.007	^{249}Cf(351 y)	388.16(66), 333.37(14.6), 252.80(2.50)
740.05 *18*	0.031 *5*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
740.09 *1*	0.0232 *25*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
740.1 *10*	0.14 *3*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
740.1 *2*	0.320 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
740.1 *5*	0.38	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
740.11 *79*	0.06 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
740.12 *10*	0.06 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
• 740.167 *25*	0.117 *9*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
740.167 *25*	0.16 *5*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
• 740.18 *11*	0.194 *16*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
740.2 *1*	0.397 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
740.2 *3*	†5.1 *9*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
740.2 *7*	0.14 *5*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
740.3 *2*	†1.7 *4*	^{101}Nb(7.1 s)	276.10(†100), 157.466(†32), 13.5(†32)
740.40 *20*	0.58 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
740.4 *5*		^{150}Eu(12.8 h)	333.971(4.0), 406.52(2.81), 1165.739(0.257)
740.50 *4*	0.284 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
740.5 *1*	†0.88 *12*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
740.5 *3*	0.32 *3*	^{184}Pt(17.3 m)	154.90(31), 191.97(27), 548.36(23.1)
740.5 *10*	>4.5	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
740.52 *4*	12.2 *7*	^{164}Lu(3.14 m)	123.3(34.0), 262.22(10.8), 863.89(9.2)
740.57 *3*	0.0142 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
740.6 *3*	†6.4 *5*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
740.6 *2*	2.3 *3*	^{154}Ho(3.10 m)	334.6(94), 412.4(79), 477.1(55)
740.67 *4*	0.00086 *5*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
740.67 *4*	7.2 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
740.7 *1*	16.0 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
740.7 *7*	0.53 *10*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
740.8 *2*	0.19 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
740.8 *10*	0.08 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 740.8 *2*	0.023 *5*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
740.8 *3*	0.23	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
740.8 *2*	0.33 *5*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
740.81 *13*	1.36 *5*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
740.82 *8*	2.85 *15*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
740.84 *12*	0.27 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
740.9 *3*	0.30 *5*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
740.9	†1.8	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
740.96 *5*	0.0374 *13*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
• 740.96 *5*	0.0271 *9*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
740.97 *9*	0.13	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
741.0 *3*	†3.3 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
741.0	1.5	^{149}Ho(58 s)	1034.6(99.7), 1736.4(28.0), 372.1(25.3)
• 741.0	0.034	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
741.1 *1*	0.022 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
741.17 *7*	1.45 *16*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
741.17 *7*	0.63 *11*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
741.2 *3*		^{139}Eu(17.9 s)	267.3(31), 155.3(31), 190.1(25)
741.2 *2*	1.7 *2*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
741.34 *18*	0.035 *10*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
741.356 *3*	36.6 *8*	^{168}Ho(2.99 m)	821.164(34.5), 815.990(18.6), 79.804(7.9)
• 741.356 *3*	12.31 *5*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
741.4 *3*	0.046 *14*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
741.4 *4*	0.11 *4*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
741.4 *3*	0.34 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
• 741.467 *17*	0.854 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
741.5 *2*	3.0 *5*	^{123}Cs(5.94 m)	97.3(23), 596.7(10.1), 83.3(4.1)
• 741.50 *20*	0.0435 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 741.5	0.010 *3*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
741.5 *10*	0.040	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 741.6 *3*	0.0012 *7*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
741.6 *2*	0.182 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
741.6 *2*	†3 *1*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
741.7 *1*	2.32 *10*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
741.7 *2*	0.052 *12*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
741.8 *4*	0.18 *9*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
741.8 *2*	0.23 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
• 741.8 *2*	1.5×10^{-6} *5*	^{228}Th(1.9131 y)	84.373(1.266), 215.985(0.263), 131.613(0.1355)
741.87 *10*	29.4 *7*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
741.88 *20*	0.064 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
741.9 *3*	2.7 *4*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
• 741.98 *4*	1.2×10^{-6} *4*	^{143}Pr(13.57 d)	
• 741.98 *4*	39	^{143}Pm(265 d)	
741.99 *7*	4.4 *3*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
• 742.0 *6*	0.043 *22*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
742.0 *4*	0.11	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
742.05 *15*	0.047 *3*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
742.1 *2*	†1.2 *4*	^{131}Ce(5.0 m)	230.43(†100), 436.85(†7.3), 462.9(†6.9)
742.11 *8*	2.54 *7*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
• 742.16 *11*	0.0244 *22*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
742.19 *15*	4.2 *3*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
742.2 *3*	0.03	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
742.2 *3*	2.34	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
742.25 *10*	0.067 *8*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
742.25 *12*	0.033 *6*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
742.30 *20*	1.21 *18*	^{94}Tc(293 m)	871.082(100), 702.626(99.6), 849.74(95.7)
742.3 *4*	0.20 *10*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
742.36 *6*	9.8 *7*	^{80}Zn(0.545 s)	712.53(45.1), 715.40(33.8), 964.93(15.6)
742.37 *8*	0.00120 *15*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
742.5 *5*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
742.5 *5*	0.5 *5*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
• 742.5 *2*	0.0004	^{235}U(7.038×10^{8} y)	185.712(57.2), 143.764(10.96), 163.358(5.08)
742.58 *20*	0.154 *22*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
742.582 *15*	0.044 *6*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
742.586 *18*	15.1 *9*	^{134}Te(41.8 m)	767.20(29.0), 210.465(22.3), 277.951(20.9)
742.59 *10*	0.0261 *23*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
742.6 *4*	0.017 *4*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
• 742.6 *5*	0.30 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
742.6 *2*	1.2 *3*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
742.64 *8*	28.2 *4*	^{207}Po(5.80 h)	992.33(59.3), 911.79(16.95), 405.75(9.7)
742.64 *8*	0.0010 *3*	^{211}At(7.214 h)	669.60(0.0035)
742.7 *3*	†12.1 *12*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
• 742.7 *5*	3.8×10^{-8} *13*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
742.8 *3*	0.44 *7*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
742.8 *2*	0.30 *4*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
742.8 *5*	0.33 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
742.8 *4*	7.0 *6*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
742.81 *3*	2.06 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
742.81 *3*	80000 *4*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 258.23(†72800)
• 742.81 *3*	5.27 *21*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 742.81 *3*	5.2×10^{-6} *2*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
• 742.84 *6*	0.028 *4*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
742.9 *2*	0.39 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
742.9 *2*	0.13 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 742.9 *3*	†3.5×10^{3}	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
742.94 *10*	1.40 *14*	^{149}Pr(2.26 m)	138.447(11.0), 165.087(9.9), 108.520(9.5)
743.0 *2*	†11 *3*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
743.0 *2*	0.31 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
743.0	12	^{144}Tb(4.25 s)	1001.6(7), 959.36(4.7), 558.0(4.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
743.0	21	^{144}Tb(1 s)	1143.9(4.0), 1719.1(1.7), 1483.5(1.0)
743.0 *2*	†19 *5*	^{172}Re(55 s)	123.2(†100), 253.9(†74), 350.5(†>3.7)
743		^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
743 *1*	0.035 *12*	^{193}Au(17.65 h)	186.17(10.1), 255.57(6.7), 268.22(3.9)
743.0 *3*	1.5 *3*	^{198}Pb(2.40 h)	290.3(36), 365.4(19), 173.4(18)
743.01 *18*	†17 *4*	^{102}Y(0.30 s)	151.73(†100), 1211.08(†40), 1059.21(†29)
743.02 *8*	0.60 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
743.055 *30*	3.00 *15*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
743.1 *4*	0.34 *14*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
743.1 *4*	†0.66 *12*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
743.1 *1*	18.5 *11*	^{130}Sn(3.72 m)	192.5(70), 779.8(59), 70.0(35.5)
743.10 *11*	0.67 *4*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
743.2 *3*	0.088 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 743.2 *3*	0.016 *4*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
• 743.2	0.9	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
743.2	0.25	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
743.22 *2*	100 *5*	^{128}Sb(9.01 h)	753.82(100), 314.12(61), 526.57(45)
743.22 *2*	96	^{128}Sb(10.4 m)	753.82(96.4), 314.12(89), 787.86(7.1)
743.22 *2*	0.165 *7*	^{128}I(24.99 m)	
743.3 *2*	0.037 *8*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
743.3 *4*	0.66 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
• 743.31 *21*	0.57 *4*	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
743.36 *3*	93	^{97}Zr(16.91 h)	507.64(5.03), 1147.97(2.61), 355.40(2.09)
743.40 *10*	4.4 *4*	^{123}Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
743.4 *3*	0.04	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
743.4 *3*	2.80	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
743.4	0.22 *11*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
743.4 *5*	0.063 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
743.50 *10*	1.23 *6*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
743.5	1.5	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
743.5	0.6	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
743.5 *4*	0.0026 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
743.5 *5*	0.27 *5*	^{237}Am(73.0 m)	280.23(47.3), 438.4(8.3), 473.5(4.3)
743.56 *7*	21.5 *22*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
743.6 *5*	0.057 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
743.64 *5*	<0.0	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
743.65 *5*	0.177 *4*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
743.7 *3*	0.82 *19*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
• 743.7 *8*	0.006 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
743.7 *5*	0.079 *15*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
743.70 *20*	0.15 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
743.76 *4*	0.142 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
743.8 *2*	0.14 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
743.8 *5*	0.0070 *25*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
743.85 *10*	0.069 *10*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
743.9 *3*	32 *5*	^{116}Rh(0.9 s)	340.5(90), 639.4(52), 538.4(40)
743.9 *10*	>0.026	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
743.9 *3*	†0.45 *6*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
743.9	0.14 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
743.971 *5*	66 *18*	^{244}Am(10.1 h)	897.848(28), 153.863(16), 99.383(4.6)
744.0	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
744		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
744.1 *5*	0.9 *4*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
744.1 *5*	0.32 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
744.1 *5*	0.07 *3*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
744.1 *5*	0.14 *3*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
744.16 *20*	0.26 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
744.18 *13*	0.042 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
744.2 *2*	0.049 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
• 744.20 *4*	2.07 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
744.2 *3*	0.106 *10*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
744.2 *5*	†1.1 *5*	^{198}Tl(1.87 h)	636.4(†202), 411.8044(†202), 587.2(†185)
• 744.233 *13*	†90.6 *4*	^{52}Mn(5.591 d)	1434.068(†100.0), 935.538(†94.9), 1333.649(†5.07)
• 744.277 *4*	4.70 *3*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
744.277 *4*	1.97 *10*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
744.3 *1*	0.043 *5*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
744.3 *2*	0.91 *7*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
744.3 *3*	0.288 *24*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
744.36 *24*	†3.1 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
744.4 *3*	0.008 *4*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
744.4 *5*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
744.45 *25*	†70	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
744.5 *3*	0.57 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
744.6 *8*	0.016 *8*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
744.62 *10*	5.2 *5*	^{125}In(2.36 s)	1335.04(71), 1031.75(9.6), 617.88(7.4)
744.7 *2*	0.182 *20*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
744.7 *4*	0.07	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
744.7 *5*	†4.4 *8*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
744.74 *10*	2.5 *4*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
• 744.79 *4*	0.697 *16*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
744.8 *3*	0.66 *11*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
744.8 *3*	0.102 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
744.820 *10*	0.260 *19*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
744.86 *12*	0.38 *3*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
744.87 *24*	0.14 *4*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
744.9 *3*	0.12 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
744.9 *3*	0.19 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
744.9 *5*	0.0068	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
745.0 *3*	0.182 *23*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
745.0 *3*	0.26 *4*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
745.0 *5*	0.17 *6*	^{167}Ho(3.1 h)	346.547(56), 321.336(23.5), 237.873(5.0)
745.0 *5*	0.0066 *8*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
745 *2*	†29	^{178}Os(5.0 m)	968.7(†100), 1331.1(†94), 594.6(†72)
745.0 *8*	0.13 *5*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
745.0 *6*	>0.13	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
745 *1*	†7.0 *9*	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
745.03 *6*	7.8 *4*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
745.05 *4*	0.235 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
745.1 *3*	0.090 *8*	^{235}Pu(25.3 m)	49.10(2.36), 756.4(0.479), 34.23(0.23)
745.15 *9*	0.74 *10*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
745.16 *7*	0.47 *5*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
745.2 *2*	0.17 *4*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
745.2 *3*	0.27 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
745.2	0.34 *7*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
745.2 *8*	0.052 *10*	^{157}Dy(8.14 h)	326.16(92), 182.20(1.84), 83.01(0.62)
745.2 *5*	0.072 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
745.2 *3*		^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
745.214 *18*	0.298 *7*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
745.3 *3*	0.33 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
745.30 *33*	0.57 *6*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
745.3 *5*	†6	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
• 745.36 *4*	102 *7*	^{98}Tc(4.2×10^6 y)	652.43(100)
745.36 *4*	5.3 *6*	^{98}Rh(8.7 m)	652.43(94), 1817.0(4.7), 1164.78(4.5)
745.36 *4*	78 *8*	^{98}Rh(3.5 m)	652.43(96), 1144.52(8.5), 761.84(<8)
745.4 *5*	0.16 *3*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
745.4 *2*	0.189 *9*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
745.40 *10*	1.22 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
745.40 *15*	0.27	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
745.40 *15*	3.22	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
745.4 *5*	0.052 *20*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
745.4 *3*	†3.0 *20*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
745.4 *3*	1.63 *24*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
745.44 *14*	0.071 *12*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
• 745.5 *4*	0.0014 *3*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
• 745.5 *5*	0.019 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
745.5 *1*	†26.8 *14*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
745.6 *4*	0.014 *6*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
745.6 *4*	0.126 *22*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
745.6 *4*	0.25 *7*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
745.64 *10*	0.0038	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
745.7 *5*	1.16 *11*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
745.7 *2*	†11	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 685.4(†41)
745.7 *11*	0.6	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
745.7 *2*	0.44 *5*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
745.75 *3*	0.965 *22*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
745.78 *4*	22.8 *6*	^{209}Rn(28.5 m)	408.32(50.3), 337.45(14.5), 689.26(9.7)
745.8 *4*	0.062 *19*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
745.8 *2*	0.11 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
745.8 *3*	†2.1 *8*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
• 745.87 *5*	0.053 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
745.88 *18*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
745.9 *5*		^{113}Ru(0.80 s)	263.2(†100), 211.7(†31.0), 337.5(†27.9)
• 745.9 *5*	0.15 *11*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 783.7(15.0)
• 745.9 *1*	0.207 *17*	^{177}Ta(56.56 h)	112.9498(7.2), 208.3664(0.94), 1057.8(0.29)
745.9 *1*	0.32 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
745.92 *20*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
746.0 *3*	0.59 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
746		^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
746.0	0.6	^{147}Ce(56.4 s)	268.80(7), 92.9(4.7), 374.23(3.5)
746.0 *1*	0.300 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
746.0 *2*	0.41 *5*	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
746.0 *2*	1.54 *22*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
746.1 *1*	0.32 *3*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
746.1 *5*	0.8 *3*	^{135}Nd(12.4 m)	204.02(52), 41.43(23), 441.2(14.9)
746.1 *4*	0.11 *6*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
746.11 *20*	†6.1 *22*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
746.13 *23*	0.16 *4*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
746.24 *30*	0.066	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
746.28 *12*	0.075 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
746.3 *3*	†11.6 *11*	^{103}Nb(1.5 s)	102.64(†100), 641.1(†55), 538.5(†34.0)
746.3 *4*	0.58 *22*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
746.3 *2*	0.23 *9*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
746.4 *1*	0.027 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
746.4 *1*	6.2 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
746.4 *7*	0.0219 *18*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 746.4 *7*	†0.0065 *24*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
746.44 *7*	0.535 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
746.483 *4*	0.025 *7*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
746.5 *15*	0.11	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
746.5	0.009 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
746.5 *3*	0.11	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
746.5 *6*	>1.1	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
746.52 *5*	0.156 *8*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
746.6 *4*	0.34 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
746.6 *3*	0.74 *9*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
746.6 *2*	0.072 *22*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
746.6 *2*	1.4 *3*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
• 746.60 *3*	0.0024	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 746.60 *3*		^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
746.7 *1*	†4.3 *4*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
746.7 *2*	†2.23 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
746.8 *3*	†1.95 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
746.8 *7*	1.13 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
746.8 *5*	>1.1	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
746.86 *12*	0.203 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
746.89 *6*	0.0048 *5*	^{161}Ho(2.48 h)	25.65150(27), 103.062(3.9), 77.414(1.91)
746.9 *3*	0.39 *4*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
746.9 *4*	0.74 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
• 746.90 *20*	0.0305 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
747.0 *3*	0.034 *15*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
747.0 *3*	0.36 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
747 *1*	0.13 *8*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
• 747.00 *6*	0.178 *10*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
• 747.0 *1*	0.0013 *4*	^{225}Ac(10.0 d)	99.91(1.01), 150.04(0.80), 99.63(0.62)
747.03 *15*	†21.0 *15*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
747.1 *5*	0.44 *11*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
747.1 *4*	0.11	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
747.1 *2*	†0.9 *2*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
747.15 *9*	0.010 *4*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
747.15 *9*	†>93	^{114}In(71.9 s)	558.454(†>34000), 576.08(†2000)
747.15 *7*	14.2 *14*	^{207}Rn(9.25 m)	344.53(46), 402.68(11.9), 674.00(8)
747.2 *4*	0.036 *7*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
• 747.2 *1*	34.0 *16*	^{146}Pm(5.53 y)	633.03(2.15)
• 747.2 *1*	98	^{146}Eu(4.59 d)	633.03(43), 634.07(37), 1533.8(6.05)
• 747.28 *1*	0.162 *4*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
747.3 *2*	0.146 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 747.31 *15*	0.049 *9*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
747.4 *3*	0.11 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
747.4 *6*	0.054 *20*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
747.4 *4*	0.06 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
747.41 *10*	7.3 *5*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
747.5	0.50 *4*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
747.5 *8*	0.08 *4*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
747.62	2.09 *12*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
747.63 *7*	0.318 *20*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
747.66 *18*	0.196 *20*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
747.7 *2*	5.4 *7*	^{136}Sm(47 s)	114.4(36), 485.3(5.0), 313.6(4.7)
747.7	0.22	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
747.7 *3*	†1.00 *7*	^{187}Pb(15.2 s)	299.5(†100), 617.2(†2.67), 493.6(†2.67)
747.7 *3*	0.42 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
747.74 *8*	0.025 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 747.75 *13*	0.0042 *8*	^{191}Pt(2.9 d)	538.90(13.7), 409.44(8.0), 359.90(6.0)
747.76 *9*	6.5 *6*	^{86}Nb(88 s)	751.74(97.8), 914.81(78.1), 1003.24(37.4)
747.76 *13*	0.20 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
747.8		^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
747.8 *2*	0.43 *3*	^{235}Th(7.1 m)	417.0(2), 727.2(0.87), 696.1(0.64)
• 747.82 *10*	0.270 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
747.82 *4*	5.4 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
747.9 *2*	0.134 *17*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
747.96 *8*	1.36 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
747.97 *9*	0.048 *11*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
• 747.974 *6*	8.1×10^{-8} *16*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
748.0	0.38	^{147}Ce(56.4 s)	268.80(7), 92.9(4.7), 374.23(3.5)
• 748.0 *5*	0.025 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
748.03 *30*	0.12 *4*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
748.05 *4*	0.56 *20*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
748.05 *4*	4.5 *10*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
• 748.057 *12*	5.18 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
748.08 *4*	0.10	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
748.10 *18*	0.81 *7*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
748.1 *2*	0.501 *19*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
748.1 *3*	27.3 *20*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 1098.6(39)
748.1 *3*	0.103 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
748.278 *5*	0.5250 *21*	^{145}Pr(5.984 h)	675.795(0.514), 72.500(0.261), 978.969(0.256)
748.281 *4*	0.130 *8*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 748.281 *4*	0.409 *5*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
748.3 *3*	0.024 *5*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
748.3 *3*	0.65 *8*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
748.3 *2*	0.47 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
748.4 *4*	1.06 *11*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
748.4 *3*	†1.53 *19*	^{196}Bi(240 s)	1049.21(†21.1), 371.93(†20.8), 689.00(†19.2)
748.44 *7*	19.3 *10*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 748.44 *7*	20.6 *6*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
748.5 *2*	0.82 *4*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
748.5 *1*	†6.93 *14*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
748.5 *3*	0.29 *4*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 748.5 *5*	†0.019 *4*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
748.55 *5*	1.62 *6*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
748.6	0.5	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
• 748.6 *2*	0.076 *13*	^{252}Es(471.7 d)	785.09(18.3), 139.03(13.9), 924.12(2.41)
• 748.601 *2*	8.22 *10*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
748.64 *8*	0.57 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
748.7 *3*	1.2 *3*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
748.7 *10*	>0.11	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
748.7 *2*	0.043 *4*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
748.76 *2*	4.0 *4*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
748.8 *10*		^{76}Zn(5.7 s)	281.7, 1030.6, 831.2
748.8 *3*	0.26 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
748.8 *5*	1.5 *4*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
748.89 *10*	0.037 *5*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
748.9 *2*	76	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 734.9(22)
749.0 *4*	1.07 *4*	^{86}Se(15.3 s)	2441.1(43.0), 2660.0(21.6), 48.3(15.4)
749	9.2 *9*	^{115}Pd(50 s)	787.8
• 749.0 *8*	0.02 *1*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
749.0 *2*	0.52 *12*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
749.0 *2*	†4.3×10^2 *14*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
749.0 *2*	†>0.19	^{196}Bi(240 s)	1049.21(†21.1), 371.93(†20.8), 689.00(†19.2)
749		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
• 749.01 *13*	0.075 *7*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
749.02 *14*	0.012 *5*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
749.07 *9*	0.26	^{51}Mn(46.2 m)	1148.01(0.078), 1164.40(0.076), 2001.1(0.0371)
749.10 *8*	0.43 *4*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
749.10 *8*	3.6 *4*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
749.1 *5*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
749.2	†0.75 *8*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
749.24 *9*	0.0170 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
749.3 *3*	†1.4 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
749.345 *7*	1.12 *4*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
749.4 *3*	0.57 *10*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
749.4 *2*	3.62 *9*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
749.4 *8*	>0.20	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
749.45 *15*	0.64 *17*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
• 749.46 *8*	0.0031 *4*	^{185}Os(93.6 d)	646.116(78.0), 874.813(6.29), 880.523(5.17)
749.5 *7*	0.70 *13*	^{86}Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
749.5 *4*	0.11	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
749.5 *4*	0.24 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
749.5 *3*	†0.47 *12*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
• 749.50 *20*	0.027 *4*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
749.6		^{115}Ag(18.0 s)	229.08(†100), 131.52(†77), 388.9(†52)
749.6 *3*	0.20 *3*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
749.6		^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
749.6 *3*	0.060 *17*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
749.6 *8*	0.8 *8*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
• 749.610 *8*	0.030 *3*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
749.63 *5*	0.0135 *16*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
749.70 *23*	3.9 *5*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
749.70 *30*	0.038 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
749.7 *4*	0.16 *3*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
749.73 *25*	0.111 *20*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
• 749.797 *28*	0.672 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
749.8 *1*	23.61 *17*	^{91}Sr(9.63 h)	1024.3(33), 652.9(8.0), 925.8(3.84)
749.8 *3*	0.34 *8*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
749.83 *21*	0.30 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
749.86 *3*	0.884 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
• 749.895 *17*	0.260 *8*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
749.9 *1*	70 *4*	^{140}Gd(15.8 s)	174.8(76), 379.0(38), 191.2(34)
749.9 *2*	0.55 *8*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
• 749.95 *3*	†49.5 *12*	^{56}Ni(5.9 d)	158.38(†98.8), 811.85(†86.0), 269.50(†36.5)
750.0 *2*	†18.1 *12*	^{103}Mo(67.5 s)	83.4(†100), 423.91(†69), 45.8(†57)
750.0 *5*	5.5 *10*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
750.0 *2*	†2.44 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
750.05 *7*	5.8 *4*	^{136}I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
750.07 *7*	0.085 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
750.1 *2*	0.028 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
750.1 *10*	0.017 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
750.12 *6*	†18 *4*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 750.12 *6*	0.440 *26*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
750.2 *5*	0.13 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
750.2 *1*	11.2 *11*	^{142}Gd(70.2 s)	178.90(11.20), 284.4(6.16), 526.2(5.90)
• 750.2 *5*	0.016 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
750.2 *3*	5.3 *3*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
750.26 *10*	2.1 *2*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
750.3 *2*	†61	^{101}In(16 s)	252(†100), 420.7(†54), 891.4(†48)
750.3 *3*	1.57 *24*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
750.4 *1*	1.04 *5*	^{199}Tl(7.42 h)	455.46(12.4), 208.20597(12.3), 247.26(9.3)
750.5 *5*	0.12 *4*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
750.5 *8*	0.046 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
750.5 *5*	0.22 *4*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
750.6 *2*	11.2 *19*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
750.6 *2*	†7.0 *14*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
750.65 *10*	0.0209 *22*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
750.67 *16*	78 *5*	^{100}Ag(2.01 m)	665.54(99), 773.20(24.2), 450.2(17.4)
750.67 *16*	>26	^{100}Ag(2.24 m)	665.54(86), 1693.9(14.7), 2118.1(11)
750.7 *3*	0.148 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
750.76 *13*	0.83 *14*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
750.8 *2*	0.0075 *21*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
750.8 *3*	0.30 *9*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
• 750.8 *8*	0.16 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
750.8 *6*	0.129 *13*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
750.8 *5*	†4.8	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
750.8 *2*	0.20 *5*	^{195}Ir(3.8 h)	98.85(10), 684.88(9.4), 432.86(9)
750.87 *20*		^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
750.87 *20*		^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
750.9 *3*	0.79 *7*	^{123}Cs(5.94 m)	97.3(23), 596.7(10.1), 83.3(4.1)
750.9 *2*	0.064 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
• 750.95 *20*	0.0372 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
750.96 *15*	†25	^{192}Re(16 s)	467.47(†100), 489.039, 283.2668
751	0.057 *25*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
751.0 *5*	0.07 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
751.0 *20*	0.015 *3*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
751.0	0.015 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
751.0 *3*	0.76 *12*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
751.0 *2*	0.32 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
751.0 *3*	0.035 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
751.03 *10*	0.060 *9*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
• 751.068 *14*	2.14 *5*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
751.1 *5*	†1.50 *20*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
751.1 *4*	†1.5 *2*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
751.23 *13*	†3.1 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
751.28 *23*	3.2 *8*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
751.30 *20*	0.00108 *22*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
751.32	†7.2 *6*	^{37}P(2.31 s)	646.17(†100), 1582.9(†74.4), 2254.1(†8.2)
751.4	0.7	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
751.4 *3*	0.42 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
751.4 *5*	0.20 *6*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
751.4 *4*	7.3 *6*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 907(5.0)
751.4 *3*	1.09 *9*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
751.5 *4*	4.1 *4*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
751.5 *10*	3.6	^{124}Ba(11.9 m)	169.3(20), 1216(12), 188.98(10)
751.5 *3*	0.158 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
751.51 *10*	6.9 *5*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
751.51 *10*	0.8 *5*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
751.59 *6*	1.06 *7*	^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 1016.31(24.1)
751.6 *1*	0.31 *4*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
751.6 *5*	0.115 *23*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
751.6 *3*	†1.6 *4*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
751.6 *4*	0.46 *9*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
751.6 *6*	0.0024	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
751.62 *25*		^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
• 751.637 *18*	4.33 *4*	^{140}La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
751.637 *18*	0.032 *3*	^{140}Pr(3.39 m)	1596.210(0.50), 306.9(0.151), 925.189(0.0260)
751.65 *7*	0.0421 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
751.7 *3*	1.53 *10*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
751.73 *15*	1.28 *13*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
751.74 *3*	97.8 *24*	^{86}Nb(88 s)	914.81(78.1), 1003.24(37.4), 670.01(14.9)
751.753 *15*	0.049 *1*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
751.8 *2*	8.1 *5*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
751.80 *17*	0.039 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
751.88 *4*	0.24 *4*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
751.9 *1*	0.30 *3*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
752	†0.5	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
752.04 *5*	0.374 *17*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
752.06 *4*	0.82 *3*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 752.09 *10*	0.075 *12*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
752.1 *3*	0.00116 *16*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
752.1 *3*	0.050 *6*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
752.1 *4*	0.35 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
752.15 *12*	99.7 *60*	^{48}Mn(158.1 ms)	1106.25(39.2), 3676.2(30.4), 3934.1(22.9)
752.15 *12*	†167	^{49}Fe(75 ms)	
752.17 *6*	2	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
• 752.285 *13*	12.29 *5*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
752.3 *1*	†8.0 *8*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
752.3 *2*	0.17	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
752.3 *2*	<0.32	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
752.4 *2*	0.059 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
752.42 *11*	5.2 *11*	^{31}Al(644 ms)	2316.7(18), 1694.93(10.4), 1564.3(4.2)
752.5 *4*		^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
752.5 *4*	†11.6 *17*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
752.57 *10*	0.174 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
752.6 *5*	>6	^{74}Zn(96 s)	56.7(70), 49.4(33.4), 143.5(21.7)
752.60 *10*	1.40 *11*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
752.6 *1*	0.88 *9*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
752.61 *4*	0.254 *25*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
752.69 *15*		^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
752.7 *2*	4.6 *16*	^{98}Y(2.0 s)	1223.0(80), 620.505(63), 647.58(53)
752.7 *2*	0.043 *5*	^{111}Ag(64.8 s)	245.422(0.50), 620.3(0.121), 171.28(0.12)
752.8 *4*	2.9 *4*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
752.8 *5*	0.009 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
752.8 *2*	1.7 *2*	^{148}Tb(2.20 m)	784.430(100), 631.947(95), 882.3(92)
752.8 *2*	1.49 *7*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
• 752.82 *8*	1.28 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
752.84 *3*	0.14 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
752.85 *10*	0.0014	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
752.9 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
752.9 *4*	0.154 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
753.0 *3*	1.29 *20*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
753.0 *4*	0.12 *4*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
753.0 *2*	0.067 *18*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
753.0 *7*	0.101 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
753.0 *2*	0.50 *5*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
753.06 *3*	2.45 *23*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
753.061 *4*	0.043 *6*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
753.1 *9*	0.23 *12*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
753.1 *2*	0.146 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
753.11 *6*	0.130 *7*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
753.11 *5*	†9.1 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
753.11 *5*	4.3 *4*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
753.16 *23*	1.56 *9*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
753.19 *14*	0.075 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
753.2 *3*	0.29 *5*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
• 753.2 *3*	0.025 *7*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
753.23 *14*	0.135 *18*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
753.26 *2*	2.22 *6*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
• 753.3 *4*	0.09 *3*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
753.3 *3*	1.45 *12*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
753.3 *2*	0.33 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
753.35 *9*	0.152 *14*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
753.37 *8*	3.90 *10*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
• 753.39 *7*	0.0096 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
753.4 *2*	2.2 *11*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
753.4 *2*	1.3 *6*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
753.41 *7*	3.3 *3*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
753.5 *4*	0.092 *24*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
753.55 *10*	†7.0 *5*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
753.6 *2*	0.71 *17*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
753.65 *5*	0.0105 *6*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
753.7	0.000174 *19*	^{159}Gd(18.479 h)	363.55(11.4), 58.00(2.15), 348.16(0.234)
• 753.7 *3*	0.00087 *22*	^{225}Ac(10.0 d)	99.91(1.01), 150.04(0.80), 99.63(0.62)
753.75 *7*	2.49 *20*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
753.76 *25*	0.25 *10*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
753.8 *1*	0.14	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
753.8 *2*	†0.8 *3*	^{101}Nb(7.1 s)	276.10(†100), 157.466(†32), 13.5(†32)
753.8 *8*	0.013 *3*	^{107}Rh(21.7 m)	302.77(66), 392.47(8.8), 312.21(4.8)
753.8	0.046 *18*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
753.8	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 753.819 *13*	4.16 *9*	^{126}I(13.11 d)	666.331(33.1), 1420.17(0.295), 2045.17(0.0046)
753.82 *2*	100 *5*	^{128}Sb(9.01 h)	743.22(100), 314.12(61), 526.57(45)
753.82 *2*	96.4 *19*	^{128}Sb(10.4 m)	743.22(96), 314.12(89), 787.86(7.1)
753.86 *5*	1.08 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
753.9 *3*	0.59 *6*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
753.9 *5*	0.020 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
• 753.9 *5*	0.026 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
753.9 *2*	0.91 *7*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
753.92 *8*	1.59 *8*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
• 753.98 *3*	0.075 *3*	^{97}Ru(2.9 d)	215.718(86), 324.48(10.79), 569.31(0.873)
754.0 *4*	0.40 *4*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
754.0 *2*	0.22 *4*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
• 754.0 *4*	0.050 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
754.0 *2*	0.12 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
754.0 *5*	1.44 *19*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
754.0 *6*	0.0105 *6*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 754.0 *6*	†0.0063 *19*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
754.0 *3*	0.48 *12*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
754.1 *8*	†4.0 *12*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
754.2 *2*	0.0093 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
754.2 *2*	0.082 *12*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
754.2 *6*	0.27 *6*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
754.24 *8*	0.0142 *24*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
754.25 *12*	0.423 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
754.291 *21*	0.039 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
754.3 *7*	0.61 *14*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
• 754.4 *3*	0.0015 *7*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
754.40 *9*	0.205 *18*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
754.4 *2*	0.44 *5*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
754.5 *5*	0.50 *21*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
754.5 *4*	0.034 *12*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
754.54 *23*	0.28 *7*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
754.6 *2*	0.034 *6*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
754.6 *2*	†7.2 *4*	^{201}Po(8.9 m)	967.4(†100.0), 964.3(†85), 411.9(†33.0)
754.7 *2*	0.12 *5*	^{94}Sr(75.3 s)	1427.7(94), 723.8(2.40), 703.9(2.13)
754.7 *1*	1.8 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
754.7 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 754.7 *2*	0.51 *3*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
754.7 *2*	4.2 *3*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
754.73	41 *4*	^{40}Sc(182.3 ms)	3736.50(100), 2044.65(25.4), 1876.78(24.9)
754.73 *32*	0.84 *18*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
754.79 *7*	0.23 *2*	^{29}Al(6.56 m)	1273.367(90.6), 2425.907(5.7), 2028.12(3.7)
754.79 *7*	0.0039 *3*	^{29}P(4.140 s)	1273.367(1.549), 2425.907(0.097), 2028.12(0.063)
754.8 *8*	0.0066 *25*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
• 754.8 *7*	0.0027	^{111}Ag(7.45 d)	342.118(7), 245.422(1.24), 96.73(0.20)
754.8 *4*	1.2 *3*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
754.8 *3*	0.56 *8*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
754.8 *3*	0.024 *8*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
754.8 *3*	0.707 *19*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
754.80 *15*	23.3 *15*	^{164}Tb(3.0 m)	168.838(25.4), 215.07(21), 688.44(21.2)
754.85 *5*	0.233 *24*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
754.86 *19*	0.135 *18*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
• 754.86 *15*	0.055 *5*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
• 754.96 *7*	0.527 *10*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
755.0 *10*		^{76}Zn(5.7 s)	281.7, 1030.6, 831.2
• 755.0 *5*	0.0005 *5*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
755 *1*	18 *9*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 634.00(13)
755.0 *6*	0.025 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
• 755 *1*	0.0068 *22*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
• 755.0	0.019	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
755.0 *5*	0.14 *3*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
• 755		^{185}Os(93.6 d)	646.116(78.0), 874.813(6.29), 880.523(5.17)
755.0 *1*	1.22 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
755.0 *1*		^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
755 *2*	†100	^{243}Bk(4.5 h)	946(†80), 840(†30), 87.4

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 755.01 *10*	2.07 *8*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
755.08 *9*	0.49 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
755.1 *5*	0.55 *11*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
755.1	†2.6	^{193}Pb(5.8 m)	365.2(†100), 392.2(†20.7), 716.4(†6.7)
755.2 *2*	1.81 *15*	^{82}As(19.1 s)	654.6(15), 1731.3(4.1), 1080.3(1.69)
755.2 *3*	0.46 *6*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
755.2 *8*	1.9 *8*	^{196}Pb(37 m)	253.1(27.0), 502.1(26.5), 366.5(11.1)
• 755.3 *1*	0.0054 *7*	^{57}Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
755.315 *4*	1.01 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
755.315 *4*	1.31 *9*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
755.32 *6*	1.34 *12*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
755.34 *12*	†63	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
• 755.397 *9*	1.67 *3*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
755.4 *3*	5.1 *3*	^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)
755.4 *3*	0.71 *6*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
755.57 *3*	1.30 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
755.57 *10*	2.03 *9*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
755.6 *3*	†16 *4*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
755.7	0.06	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
755.7 *5*	0.047 *14*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
755.7 *3*	0.18 *4*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
755.73 *16*	0.070 *10*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
755.76 *10*	0.312 *17*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
755.77 *20*	0.101 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
755.78 *16*	0.0057 *20*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
755.8 *2*	0.163 *16*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
755.81 *15*	0.85 *12*	^{149}Pr(2.26 m)	138.447(11.0), 165.087(9.9), 108.520(9.5)
755.83 *7*	0.218 *20*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
• 755.84 *16*	0.121 *16*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
755.89 *4*	1.50 *9*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
755.90 *30*	0.028 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 755.90 *5*	†7.60×10^4 *23*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
756.0 *15*	0.11	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
756.00 *20*	0.172 *20*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
756.0 *2*	1.12 *10*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
756.0	1.0	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
756.0 *2*	1.1 *4*	^{97}Y(3.75 s)	3287.6(18.1), 3401.3(14.1), 1996.6(7.4)
756.0 *2*	3.7 *4*	^{97}Y(1.17 s)	1103.0(92.6), 161.4(71.8), 1091(56)
756 *1*	†3.7	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
756.0 *12*	†31 *8*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
756.0 *3*	0.68 *7*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
756 *1*	13.3 *11*	^{246}Am(39 m)	679.0(53), 205.0(36), 152.9(25)
• 756.121 *88*	0.0054 *8*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
• 756.15 *20*	0.0202 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
756.17 *5*	0.87 *17*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
756.17 *7*	0.218 *17*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
• 756.22 *5*	2.8×10^{-6} *5*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
756.23 *8*	100 *3*	^{94}Rh(25.8 s)	1430.50(100), 311.70(97.3), 146.11(75)
756.23 *8*	51 *5*	^{94}Rh(70.6 s)	1430.50(100), 1072.50(30.7), 311.70(12)
756.23 *8*		^{95}Pd(13.3 s)	146.11, 311.70, 1430.50
756.4 *4*	0.036 *14*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
756.4 *3*	0.49 *7*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
756.4 *2*	0.14 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
756.4 *3*	0.479 *17*	^{235}Pu(25.3 m)	49.10(2.36), 34.23(0.23), 910.1(0.164)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
756.5 *3*	1.99 *16*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
756.5 *2*	0.135 *18*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
756.51 *5*	0.085 *10*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
756.51 *10*	2.1 *2*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
• 756.512 *26*	0.113 *7*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
756.52 *20*	1.25 *7*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
756.53 *8*	13 *3*	^{80}Y(35 s)	385.86(100), 595.06(39), 1185.20(20)
• 756.581 *12*	0.304 *7*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
• 756.6 *5*	0.0016 *5*	^{191}Pt(2.9 d)	538.90(13.7), 409.44(8.0), 359.90(6.0)
756.6 *1*	0.167 *7*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
756.7 *1*	0.517 *25*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
756.7 *2*	†2.55 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
• 756.729 *12*	54	^{95}Zr(64.02 d)	724.199(44.17), 235.69(0.294)
• 756.763 *6*	4.57 *3*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
756.763 *6*	2.66 *16*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
756.763 *6*	0.33 *7*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
756.763 *6*	1.6 *5*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
756.8 *4*	0.33 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
756.82 *18*	0.63 *4*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 756.895 *9*	6.7×10^{-7} *20*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
756.9 *2*	4.0 *4*	^{71}Br(21.4 s)	260.5(8.0), 233.7(6.5), 171.6(6.2)
756.9 *3*	0.086 *22*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
756.9 *2*	0.172 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
756.9 *2*	0.0084 *9*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 756.9 *2*	†0.049	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
• 756.9 *2*	†0.012 *3*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
757 *1*	0.085 *14*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
757.0 *5*	1.18 *16*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
• 757.0 *2*	0.00047 *14*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
757.1 *3*	0.5	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
• 757.10 *13*	<0.0016	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
757.1 *5*	†10.3 *14*	^{206}Rn(5.67 m)	497.7(†100), 324.5(†96), 386.6(†61)
757.13 *10*	0.201 *13*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
757.15 *13*	0.41 *18*	^{148}Ba(0.607 s)	56.08(29.20), 133.53(3.88), 415.78(3.59)
757.2 *7*	18 *4*	^{172}Ho(25 s)	133.6(36), 178.0(23), 291.1(16)
• 757.21 *8*	0.39 *4*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
757.3 *4*	0.59 *9*	^{74}Kr(11.50 m)	89.65(31), 203.0(18.0), 296.67(9.9)
757.3 *3*	1.0 *1*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
757.3 *2*	†4.2 *8*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
757.31 *17*	0.64 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
• 757.379 *16*	0.062 *4*	^{184}Re(38.0 d)	903.279(37.9), 792.071(37.5), 111.208(17.1)
757.4 *5*	†3.0	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
757.5	1.7 *2*	^{36}P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
757.5 *1*	0.94 *6*	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
757.5 *2*	†3.4 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
757.6 *2*	0.028 *20*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
• 757.60 *15*	0.114 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
757.7 *5*	0.28	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
757.798 *17*	2.33 *5*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
757.8 *2*	0.076 *11*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
757.8 *4*	0.042	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
757.87 *6*	0.205 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
757.9 *3*	0.041 *16*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
757.90 *20*	0.09 *3*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
757.95 *5*	0.040 *4*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
758		^{129}Sb(17.7 m)	759.8(†100.0), 657.78(†92), 433.76(†73)
758.0 *15*	0.0034 *19*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
758.0 *10*	0.39 *10*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
758.07 *15*	0.084 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 758.13 *6*	0.047 *4*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
758.2 *3*	5.5 *14*	^{80}Zn(0.545 s)	712.53(45.1), 715.40(33.8), 964.93(15.6)
758.2 *2*	†3.0 *8*	^{114}Cs(0.57 s)	449.7(†100), 698.2(†11.8), 618.3(†5.0)
758.2 *3*	0.21 *5*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
758.2 *3*	†1.55 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
758.2 *5*		^{188}Pb(24.2 s)	185.0
758.2 *8*	0.034 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
758.25 *10*	0.0510 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
758.330 *24*	0.0597 *22*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
• 758.358 *10*	0.0443 *17*	^{196}Au(6.183 d)	355.684(87), 332.983(22.9), 521.175(0.389)
758.5 *6*	5.7 *5*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
758.5 *6*	5.5 *5*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
758.5	0.19	^{83}Zr(44 s)	55.55(8), 104.97(5.70), 475.1(5.1)
758.5 *4*	0.16 *3*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
758.5 *10*	0.05 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 758.5 *4*	0.009 *2*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
758.57 *11*	0.115 *12*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
758.6 *1*	10.0 *7*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
758.61 *8*	1.18 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 758.61 *8*	0.009	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
• 758.61 *8*	1.27×10^{-5} *10*	^{244}Cm(18.10 y)	42.824(.0044100), 98.860(.0001470), 152.63(<4.9×10^{-7})
758.65 *8*	0.0155 *16*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
• 758.7 *1*	0.0054 *11*	^{225}Ac(10.0 d)	99.91(1.01), 150.04(0.80), 99.63(0.62)
758.73 *7*	0.17 *3*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
• 758.74 *8*	0.071 *12*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
758.75 *9*	0.82 *17*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
758.76 *5*	0.00094 *5*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
758.76 *5*	6.4 *8*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
758.8 *3*	0.20 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
758.9 *3*	0.059 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
758.9 *1*	0.247 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
758.94 *9*	0.00070 *15*	^{135}La(19.5 h)	480.51(1.5), 874.51(0.164), 587.83(0.1108)
758.96 *5*	†20.6 *6*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 559.57(†20.2)
758.99 *20*	0.047 *8*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
759 *1*	0.12 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
759.0 *5*	0.57 *8*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
759.01	0.27	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
759.04 *13*	0.16 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
759.06 *9*	1.65 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
759.08 *19*	†11.9 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
759.08 *19*	0.43 *4*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
• 759.1 *4*	0.41 *8*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
759.1 *7*	0.16 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
759.1 *1*	0.88 *9*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
759.1 *3*	0.101 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
759.1 *7*	†6.5 *15*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
• 759.10 *4*	0.103 *5*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
• 759.10 *7*	0.51 *4*	^{252}Es(471.7 d)	785.09(18.3), 139.03(13.9), 924.12(2.41)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 759.110 *28*	0.0148 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
759.15 *20*	2.4 *4*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
• 759.18 *4*	0.0234 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
759.2	0.14	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
759.32 *18*	0.43	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
• 759.38 *10*	†1.67×10^4 *9*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
759.4 *3*	†8	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
759.41 *9*	0.232 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
759.5 *1*	0.085 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
759.5 *5*	1.08 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
759.5 *2*	0.144 *10*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
759.5 *4*	1.75 *25*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
759.50 *10*	†112 *9*	^{200}Au(18.7 h)	497.77(†123), 367.943(†123), 579.298(†121)
759.51 *2*	0.48 *4*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
• 759.57 *9*	0.077 *7*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
759.59 *4*	0.640 *20*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
759.6 *2*	1.20 *12*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
759.6 *4*	0.099 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
759.6 *3*	1.45 *13*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
759.63 *7*	0.51 *8*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
759.70 *8*	33 *3*	^{122}Ag(0.48 s)	569.45(96), 650.20(20), 798.4(12)
759.70 *8*		^{122}Ag(1.5 s)	569.45
759.74 *5*	0.336 *12*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
759.8 *1*	†100.0 *9*	^{129}Sb(17.7 m)	657.78(†92), 433.76(†73), 63.6(†10)
759.8 *5*	1.50 *22*	^{174}Re(2.40 m)	243.4(37), 113.0(19.8), 1002.9(5.62)
759.82 *6*	0.59 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
759.87 *6*	3.15 *10*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
759.9 *2*	†1.33 *10*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
759.9 *2*	0.135 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
760.0 *2*	0.55 *11*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
760.0 *5*	0.033 *19*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
• 760.0 *1*	0.00067 *7*	^{177}Ta(56.56 h)	112.9498(7.2), 208.3664(0.94), 1057.8(0.29)
760.0 *4*	†1.70 *20*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
• 760		^{243}Cm(29.1 y)	277.599(14.0), 228.183(10.6), 209.753(3.29)
• 760	0.020	^{249}Cf(351 y)	388.16(66), 333.37(14.6), 252.80(2.50)
760.1 *2*	†25 *3*	^{227}Rn(22.5 s)	162.14(†100), 739.2(†65), 686.2(†62)
760.2 *2*	3.30 *24*	^{48}Mn(158.1 ms)	752.15(99.7), 1106.25(39.2), 3676.2(30.4)
760.2 *5*	0.25 *13*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
760.2 *3*	0.18 *6*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
760.2 *3*	0.53 *15*	^{128}In(0.72 s)	831.54(100), 1168.80(100), 120.54(11.1)
• 760.2 *3*	2.6×10^{-5} *6*	^{153}Sm(46.27 h)	103.1807(31.4), 69.67340(4.85), 97.4316(0.847)
• 760.24 *24*	8.2×10^{-7} *21*	^{169}Yb(32.026 d)	63.12077(44.2), 197.95788(35.8), 177.21402(22.16)
• 760.3 *5*	0.046 *20*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
760.3 *10*	0.05 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
760.30 *6*	8.6 *4*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 601.88(7.62)
760.3 *2*	0.12	^{227}Ra(42.2 m)	27.36(16), 300.07(4.6), 302.65(4.3)
760.3 *10*	†1.56×10^3 *15*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
760.4 *3*	0.47 *7*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
760.4 *2*	0.017 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
760.4 *3*	0.052 *6*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
760.5 *2*	1.27 *13*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
760.5 *5*	0.65 *23*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
760.50 *4*	0.289 *6*	^{136}La(9.87 m)	818.514(2.3), 1322.76(0.264), 1310.31(0.099)
760.5		^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
760.5 *5*	0.150 *21*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
760.53 *15*	†4.3 *9*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 760.53 *15*	0.020 *4*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
760.6 *2*	>0.07	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
760.6 *3*	†0.81 *5*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
760.70 *12*	0.088 *11*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
760.76 *9*	17.8 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
760.8 *2*	16.8 *22*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 782.48(15)
760.8 *3*	0.085 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
760.8 *2*	10	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 778.4(10.1)
760.8 *10*	>0.07	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
760.85 *20*	0.00062 *21*	^{123}I(13.27 h)	158.97(83), 528.96(1.39), 440.02(0.428)
760.881 *13*	0.0672 *25*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
760.9 *6*	0.25 *12*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
• 760.95	0.10	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 760.95 *4*	0.21 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
761.0 *5*	3.8 *3*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
761		^{129}Sb(17.7 m)	759.8(†100.0), 657.78(†92), 433.76(†73)
761.0 *2*	0.072 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
761.01 *8*	1.04 *7*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
761.04 *16*	0.196 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
761.1 *3*	†3.8 *8*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
761.14 *10*	13.3 *11*	^{197}Pb(8 m)	385.85(50), 375.48(12.8), 1261.23(8.3)
761.18	0.12 *6*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
• 761.19 *6*	0.0075 *9*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
761.2	0.15	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
761.3 *8*	0.109 *20*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
761.3		^{157}Lu(5.0 s)	967.5, 949.8, 880.5
761.4 *1*	0.574 *10*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
761.4 *1*	0.539 *17*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
761.42 *15*	0.17 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 761.43 *4*	0.0622 *3*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
761.46 *5*	0.028 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
761.49 *3*	>4.7	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
761.5		^{99}Y(1.470 s)	121.761(33), 724.30(14.9), 536.2(6.6)
761.5 *2*	0.6	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
761.5 *4*	0.11 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
761.59 *8*	0.56 *4*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
761.6 *2*	9.0 *13*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
761.61 *10*	33.8 *18*	^{68}As(151.6 s)	1015.96(78), 651.12(32.1), 1777.70(20.1)
761.631 *20*	1.5 *3*	^{155}Pm(41.5 s)	778.156(8), 725.123(5.30), 409.873(2.18)
761.65 *5*	>4.7	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
761.7 *3*	†0.20 *3*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
761.7 *4*	†1.8 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
• 761.774 *76*	0.00112 *10*	^{99}Mo(65.94 h)	739.50(12.1), 181.063(6.08), 140.511(4.52)
761.8 *2*	17.2 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
761.8 *2*		^{164}Ho(29 m)	73.392(2.0), 688.44
• 761.81 *9*	0.081 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
761.84 *5*	1.7 *4*	^{98}Rh(8.7 m)	652.43(94), 745.36(5.3), 1817.0(4.7)
761.84 *5*	<8	^{98}Rh(3.5 m)	652.43(96), 745.36(78), 1144.52(8.5)
761.85 *8*	0.072 *7*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 761.864 *25*	0.51 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
761.89 *15*	0.190 *22*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
761.9 *2*	0.0094 *7*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
761.9		^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
761.97 *12*	1.48 *5*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 1610.47(1.31)
761.98 *7*	2.24 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
762.0	0.19 *3*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
• 762.03 *9*	0.028 *5*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
762.06 *6*	0.64 *7*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
762.1 *8*	0.5 *3*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
762.1 *15*	0.41 *7*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
762.2 *1*	1.26 *10*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
762.2 *2*	1.5 *3*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
762.2 *3*	0.20 *9*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
762.2 *5*	0.0027 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 762.2 *5*	†0.016 *3*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
762.22 *3*	0.055 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
762.3 *2*	50.0 *23*	^{96}Pd(122 s)	124.70(65), 499.7(17.9), 1098.7(17.3)
762.3 *3*	0.052 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
• 762.3 *1*	0.192 *9*	^{137}Ce(34.4 h)	824.82(0.44), 169.26(0.44), 835.38(0.103)
762.4 *6*	†1.2 *3*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
762.4 *7*	0.045 *9*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
762.4 *3*	0.28 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
762.4	†35	^{130}Ce(25 m)	1072.6(†100), 997.7(†100), 920.5(†100)
762.4 *4*	0.38 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
762.4 *2*	0.65 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
762.45 *3*	0.325 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 762.48 *2*	0.230 *22*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
762.49 *2*	11.5 *3*	^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 1016.31(24.1)
762.5 *3*	4.5 *4*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
762.53 *6*	2.23 *11*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
• 762.55 *15*	0.0278 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
762.58 *17*	0.040 *6*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
• 762.60 *15*	0.0120 *16*	^{191}Pt(2.9 d)	538.90(13.7), 409.44(8.0), 359.90(6.0)
• 762.65 *10*	30	^{83}Sr(32.41 h)	381.53(14.1), 418.37(4.41), 381.17(2.49)
762.69 *3*	0.36 *6*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
762.7 *2*	0.024 *12*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
762.7 *6*	0.033	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
762.7 *2*	†12	^{256}Es(7.6 h)	861.8(†100), 231.1(†61), 172.6(†49)
762.72 *4*	1.73 *13*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
762.73 *20*	0.71 *7*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
762.80 *30*	0.019 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
762.8 *2*	0.12 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
762.86 *15*	0.74 *6*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
762.9 *3*	0.40 *8*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
762.9 *3*	0.92 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
762.9 *3*	0.07 *3*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
763.0 *3*	0.045 *6*	^{144}Eu(10.2 s)	1659.8(10), 817.7(1.56), 2423.3(0.96)
763	1.0 *2*	^{211}Fr(3.10 m)	539.9(20), 918.3(11), 281(6.8)
763.1 *3*	0.32 *3*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
763.13 *8*	1.81 *5*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
763.14 *4*	99	^{119}In(2.4 m)	23.870(16.0), 697.47(0.49), 1214.86(0.46)
763.2 *5*	0.173 *22*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
763.2 *4*	3.5 *5*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
763.2 *2*	†44 *6*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
763.2 *2*	†44 *6*	^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
763.2 *1*	0.189 *9*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
763.24 *6*	0.08 *3*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
763.3 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
763.3 *3*	0.17 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
763.38 *11*	0.049 *7*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
763.4 *4*	0.38 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
763.4 *7*	0.09 *3*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
763.5 *3*	0.41 *8*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
763.6 *2*	0.23 *5*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
• 763.61 *2*	2.2×10^{-8}	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
763.66 *15*	†9	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
• 763.7 *8*	0.07 *4*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 783.7(15.0)
763.8 *5*	†8	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
• 763.8 *6*	3.3×10^{-5} *18*	^{153}Sm(46.27 h)	103.1807(31.4), 69.67340(4.85), 97.4316(0.847)
763.8 *8*	0.60 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
763.85 *14*	0.55 *9*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
763.9 *3*	10.4 *10*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
763.90 *15*	0.081 *12*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 763.9 *3*	$\dagger2.0\times10^{3}$ *6*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
• 763.91 *15*	0.031 *7*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
• 763.944 *3*	22.14 *9*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
763.944 *3*	0.17	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
763.95 *4*	0.52 *4*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
764	†0.5	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
764.03 *19*	†12.5 *10*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
764.1 *5*	0.6	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
764.1 *3*	†5.0 *15*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
764.17 *10*	0.0076 *16*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
764.20 *10*	3.88 *19*	^{250}Es(8.6 h)	828.82(72), 303.41(21.6), 349.4(19.8)
764.23 *10*	0.35 *4*	^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
764.23 *10*	1.91 *16*	^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
764.27 *20*	0.17 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
764.3 *3*	0.16 *4*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
764.3	0.14 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
764.3 *2*	0.9 *3*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
764.316 *10*	<0.3	^{13}B(17.36 ms)	3683.921(7.6), 3089.049(<0.7), 3853.170(<0.5)
764.4 *7*	2.1 *4*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
764.4 *5*	0.23 *6*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
764.4 *4*	0.12	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
764.42 *16*	3.55 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
764.5 *2*	†71 *8*	^{94}Kr(0.20 s)	629.2(†100), 219.466(†67.4), 358.8(†39.4)
764.5 *3*	0.7 *3*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
764.5 *3*	0.117 *18*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
764.5 *3*	0.360 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
764.52 *10*	0.41 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
764.6 *1*	0.70 *7*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
764.7 *1*	0.7 *4*	^{73}Br(3.4 m)	64.9(37.0), 336.0(10.4), 699.8(9.1)
764.7 *2*	0.0118 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
• 764.74 *4*	1.68 *9*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
764.79 *5*	1.26 *10*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
764.8 *5*	0.029 *11*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
764.8 *1*	1.594 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
764.8 *2*	0.064 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
764.8 *2*	0.20 *4*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 764.82 *6*	0.009 *4*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
764.89 *16*	10.5 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 415.61(8.5)
764.9 *6*	0.40 *5*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
764.9 *5*	0.64 *4*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
764.9 *6*	0.15 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
764.9 *5*	0.22 *9*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
764.9 *6*	0.49 *15*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
764.9 *3*	0.13 *3*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
• 764.905 *9*	0.175 *8*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
764.905 *9*	†69 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
764.905 *9*	0.012 *12*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
764.984 *16*	0.0170 *14*	^{161}Ho(2.48 h)	25.65150(27), 103.062(3.9), 77.414(1.91)
765 *1*	1.9 *5*	^{164}Ta(14.2 s)	211.05(74), 376.8(22), 605.0(14)
765.0 *5*	†3.1 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
• 765 *2*	0.010 *5*	^{191}Pt(2.9 d)	538.90(13.7), 409.44(8.0), 359.90(6.0)
765.03 *10*	0.57 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
765.07 *12*	0.1417 *22*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
765.1 *7*	0.09 *3*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
765.1 *7*	0.0011 *6*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
765.1	0.0075 *18*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
• 765.12 *30*	0.019 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
765.19 *12*	0.26 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
765.2 *4*		^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
765.28 *10*	6.0 *4*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
• 765.28 *4*	2.128 *15*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
765.28 *4*	†11.8 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
765.28 *4*	5.1 *4*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
• 765.3 *5*	0.027 *15*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
765.3	†4	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
• 765.30 *10*	0.183 *16*	^{252}Es(471.7 d)	785.09(18.3), 139.03(13.9), 924.12(2.41)
765.37 *9*	0.50 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
765.40 *6*	0.192 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
765.4	>0.037	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
765.46 *6*	4.67 *25*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
765.5 *5*	0.13 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
765.5 *3*	1.92 *19*	^{153}Tm(1.48 s)	299.3(6), 965.3(0.82), 205.2(0.61)
765.5 *2*	0.97 *15*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)
765.5 *10*	0.13 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
765.5 *3*	0.45 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
765.51 *8*	0.035 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
765.551 *13*	0.0150 *8*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
765.66 *21*	†3.4 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
765.7 *5*	0.0066 *25*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
765.7 *5*	0.028 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
765.7 *2*	0.012	^{199}Tl(7.42 h)	455.46(12.4), 208.20597(12.3), 247.26(9.3)
• 765.794 *7*	100	^{95}Nb(34.975 d)	204.117(0.028), 561.67(0.013)
765.794 *7*	93.82 *19*	^{95}Tc(20.0 h)	1073.71(3.74), 947.67(1.951), 869.60(0.317)
765.8 *7*	0.058 *11*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
• 765.8 *2*	0.00149 *25*	^{192}Ir(73.831 d)	316.50791(82.81), 468.07152(47.83), 308.45692(30.00)
• 765.81 *10*	11.3 *6*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
765.85 *7*	0.228 *14*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
• 765.89 *6*	0.0057 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
765.9 *15*	0.19 *6*	^{74}Kr(11.50 m)	89.65(31), 203.0(18.0), 296.67(9.9)
765.9 *3*	0.164 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
765.9 *3*	0.1	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
765.9 *2*	2.06 *10*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
765.94 *5*	0.085 *7*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
766.0		^{52}V(3.75 m)	1434.068(100), 1333.649(0.588), 1530.67(0.116)
766.0 *9*	0.05 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
766.0 *1*	0.0025 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
766.0 *4*	0.08 *2*	^{214}Pb(26.8 m)	351.921(35.8), 295.213(18.5), 241.981(7.50)
766.10 *17*	0.106 *13*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
766.10 *12*	0.146 *14*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
766.12 *5*	0.117 *3*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
766.15 *15*	0.19 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 766.171 *17*	0.0416 *23*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
766.3		^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 766.3 *5*	†0.019 *4*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
766.3 *3*	>0.10	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
766.38 *2*	0.07 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
766.38 *2*	294000 *12*	^{234}Pa(1.17 m)	1001.03(†837000), 742.81(†80000), 258.23(†72800)
• 766.38 *2*	0.584 *29*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 766.38 *2*	0.000022 *2*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
766.4 *3*	0.012 *3*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
766.4 *3*	†0.31 *5*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
766.4 *2*	0.178 *4*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
766.4 *10*	0.036 *8*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
766.4 *1*	†0.63 *12*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
• 766.467 *14*	1.3×10^{-7} *2*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
766.5 *5*	0.35 *8*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
766.5 *1*	0.030 *4*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
766.51 *3*	0.617 *15*	^{211}Pb(36.1 m)	404.853(3.78), 832.01(3.52), 427.088(1.76)
766.59 *15*	0.35 *5*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
766.6 *2*	†6.2 *5*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
766.64 *5*	0.0237 *18*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
766.675 *35*	4.1 *3*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
766.7 *3*	2.1 *4*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
766.7 *2*	1.3 *7*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
766.72 *3*	0.787 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
766.76 *12*	0.162 *17*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
766.8 *5*	0.05 *4*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
766.8 *5*	0.20 *4*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
766.8 *5*	0.39 *12*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
766.8 *6*	0.8 *3*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
766.80 *20*	0.44 *3*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
• 766.8 *2*	0.075 *8*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 766.83 *10*	0.025 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
• 766.84 *6*	33.9 *20*	^{102}Rh(2.9 y)	475.070(95), 631.28(55.9), 697.49(43.9)
766.85 *18*	1.1 *3*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
766.9 *3*	0.40 *20*	^{149}Pr(2.26 m)	138.447(11.0), 165.087(9.9), 108.520(9.5)
766.9 *2*	†92 *9*	^{174}Er(3.3 m)	100.4(†100), 708.4(†93), 151.8(†91)
766.97 *20*	0.18 *10*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
767 *1*	0.0037 *18*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
• 767.00 *10*	$\dagger5.00\times10^{4}$ *15*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
767.01 *17*	†5 *1*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
• 767.1 *3*	0.199 *14*	^{47}Ca(4.536 d)	1297.09(74), 489.23(6.5), 807.86(6.5)
767.1 *3*	0.00061 *6*	^{81}Se(57.28 m)	275.988(0.049), 260.21(0.048), 491.30(0.000089)
767.1 *5*	0.35 *9*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
767.1 *6*	0.043 *18*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
767.1 *5*	0.131 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
767.164 *8*	0.35 *7*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
767.17 *12*	0.79 *8*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
767.2 *5*	0.22 *4*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
767.20 *2*	29.0 *12*	^{134}Te(41.8 m)	210.465(22.3), 277.951(20.9), 79.445(20.9)
767.28 *8*	3.16 *16*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
• 767.29 *4*	1.4×10^{-7}	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
767.3 *2*	†3.9 *6*	^{198}Tl(1.87 h)	636.4(†202), 411.8044(†202), 587.2(†185)
767.30 *7*	0.332 *10*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
767.40 *19*	3.6 *4*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 535.61(3.46)
767.4 *8*	2.0 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
767.49 *8*	†1.70 *17*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
767.5 *3*	1.15 *9*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
• 767.508 *14*	0.0255 *25*	^{186}Re(90.64 h)	137.155(8.22), 630.354(0.0230), 333.4(0.000058)
767.508 *14*	5.2 *3*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
767.508 *14*	21.2 *18*	^{186}Ir(2.0 h)	137.155(27), 630.354(18.0), 773.276(13.5)
• 767.55 *4*	0.34 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 767.586 *20*	0.703 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
767.6 *1*	>0.037	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
767.6 *1*	†9.0 *9*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
767.63 *13*	2.4 *3*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
767.69 *3*	0.20 *3*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
• 767.70 *6*	0.0032 *3*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
• 767.7 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
767.7 *5*	0.48 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
767.7 *4*	0.51 *10*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
767.72 *8*	0.011	^{104}Rh(42.3 s)	555.796(2.0), 1237.2(0.066), 1238.0(0.010)
767.72 *8*	0.0065 *3*	^{104}Rh(4.34 m)	555.796(0.13), 1237.2(0.0042), 758.76(0.00094)
767.72 *8*	65.7 *19*	^{104}Ag(69.2 m)	555.796(92.6), 941.7(25.0), 926.2(12.5)
767.72 *8*	0.9 *3*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
767.8 *1*	1.44 *8*	^{73}Ga(4.86 h)	297.32(79.8), 325.70(11.17), 739.42(4.23)
767.8 *5*	0.21 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
767.8 *6*	†8.3 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
767.8 *2*	0.0045 *5*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
767.8 *4*	0.0016 *6*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
767.89 *6*	0.296 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
767.93 *2*	0.37 *8*	^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 1016.31(24.1)
767.94 *13*	†3.5 *7*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
768.0 *4*	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
768.1 *1*	0.0038 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
768.1 *1*	10	^{142}Eu(2.34 s)	1658.1(1.75), 1754.1(1.49), 1754.1(1.33)
768.1 *1*	100	^{142}Eu(1.22 m)	1023.3(92.0), 556.6(86.6), 1016.1(11.0)
768.1 *2*	3.3 *7*	^{176}Re(5.3 m)	240.17(48), 109.08(25.0), 848.7(4.0)
768.1 *2*	†12	^{256}Es(7.6 h)	861.8(†100), 231.1(†61), 172.6(†49)
768.172 *21*	0.060 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
768.2 *2*	†18	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 685.4(†41)
768.2 *5*	0.16 *4*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
768.2 *10*	0.33 *7*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 768.2	2.9×10^{-5}	^{253}Es(20.47 d)	41.79(0.050), 389.11(0.0264), 387.1(0.00810)
768.27 *7*	0.0056 *11*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
768.28 *17*	0.15 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
768.3	4.3 *8*	^{35}Si(0.78 s)	4100.7(36.5), 3859.5(32.7), 2386.3(31.6)
768.3 *10*	0.32 *11*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
768.3 *2*	0.14 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
768.3 *3*	0.50 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
768.356 *10*	4.80 *7*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
768.36 *12*	2.1 *3*	^{63}Ga(32.4 s)	637.04(11), 627.10(10.3), 192.94(5.7)
768.36 *23*	0.115 *19*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
768.382 *18*	0.460 *12*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
768.43 *5*	†1.08 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
768.5 *10*	†0.030 *25*	^{85}Sr(67.63 m)	151.159(†1272), 129.820(†15), 731.812(†1.45)
768.52 *6*	0.68 *10*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
• 768.56 *7*	0.087 *4*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
768.6 *8*	1.30 *16*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
768.6 *2*	0.7 *2*	^{104}Mo(60 s)	68.8(55), 69.7(17.8), 36.3(14)
768.6 *4*	0.41	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
768.6 *3*	0.28 *9*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
768.61 *7*	2.68 *18*	^{190}Re(3.1 m)	186.718(48.4), 557.972(28.2), 223.811(26.0)
768.61 *7*	2.19 *22*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
• 768.61 *7*	2.21 *9*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
768.7 *2*	1.27 *11*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
768.7 *4*	1.04 *16*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
768.72 *6*	0.25 *13*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
768.77 *3*	3.4 *3*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
768.77 *3*	8.8 *18*	^{100}Nb(2.99 s)	535.60(97.0), 600.5(65.0), 1280.6(23.8)
768.77 *5*	0.0042 *5*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
• 768.77 *5*	0.0028 *3*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
768.80 *9*	0.0329 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
768.9 *2*	0.21 *6*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
768.90 *20*	0.81 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
768.91 *8*	†279 *22*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 208.08(†254)
768.91 *8*		^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
768.93 *9*	0.061 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
• 768.93 *6*	0.0035 *3*	^{185}Os(93.6 d)	646.116(78.0), 874.813(6.29), 880.523(5.17)
• 768.947 *9*	0.090 *8*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
769	†100	^{92}Br(0.343 s)	1446(†10), 1035(†6), 678(†6)
769.0 *2*	4.4 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
769.0 *2*	†21	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
769.0 *1*	†2.95 *20*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
769.0 *3*	0.65 *10*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
769.0 *2*	0.076 *11*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
769		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
769.01 *5*	0.00072 *7*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
769.1 *2*	0.70 *5*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
769.1 *2*	0.276 *18*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
• 769.10 *8*	0.106 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
769.1 *1*	0.185 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 769.19 *4*	5.1×10^{-6} *10*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
769.20 *18*	0.52 *4*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
769.21 *10*	†3.3 *3*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
769.24 *18*	1.7	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
769.26 *7*	1.71 *17*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
769.30 *15*	0.109 *25*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
769.3 *3*	9.1 *9*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 1008.3(6.0)
769.3 *3*	0.14 *5*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
769.34 *5*	2.08 *12*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
769.4 *5*	0.16 *4*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
769.4 *1*	0.752 *18*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
769.42 *24*	0.16 *5*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
769.5 *4*	0.021 *14*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
• 769.55 *4*		^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
769.59 *10*	0.151 *3*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
769.6 *4*	0.083 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
769.6 *1*	0.393 *20*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
769.69 *19*	6.5 *6*	^{89}Nb(1.18 h)	587.83(100), 507.4(85), 1277.5(1.6)
769.7 *10*	0.30 *6*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
769.7 *3*	†10 *1*	^{117}Pd(4.3 s)	247.5(†100), 649.9(†41), 323.9(†37)
• 769.7 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
769.7 *5*	0.030 *10*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
769.72 *16*	†11 *2*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
769.780 *8*	0.90 *7*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
• 769.780 *8*	0.666 *21*	^{184}Re(38.0 d)	903.279(37.9), 792.071(37.5), 111.208(17.1)
• 769.780 *8*	0.235 *16*	^{184}Re(169 d)	252.848(10.7), 216.548(9.43), 920.932(8.14)
769.8 *2*	†13	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
769.8 *1*	1.76 *18*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
769.80 *10*	0.035 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
769.84 *18*	2.5 *4*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
769.85 *4*	0.54 *4*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 769.859 *9*	6.8×10^{-6} *12*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
769.9 *2*	0.114 *20*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
770.0 *3*	1.48 *23*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
770.0 *2*	0.66 *8*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
770.0 *3*	0.36 *7*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
770.0 *3*	0.8 *3*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
770.0 *2*	†5.7 *5*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
• 770	0.026	^{249}Cf(351 y)	388.16(66), 333.37(14.6), 252.80(2.50)
770.1 *8*	0.030 *11*	^{157}Dy(8.14 h)	326.16(92), 182.20(1.84), 83.01(0.62)
770.10 *17*	4.5 *3*	^{186}Tl(27.5 s)	405.43(92), 402.72(45.9), 356.84(29.3)
770.18 *12*	0.056 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 770.2 *3*	0.025 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
770.2 *10*	0.53 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
770.2 *3*	0.16	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
770.3 *2*	†10.4 *5*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
770.3 *2*	18.0 *8*	^{136}Pm(107 s)	373.8(15.0), 602.7(12.3), 857.2(12.72)
770.3 *2*	†7 *1*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
770.3 *4*	0.07 *4*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 770.307 *10*	0.423 *9*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
770.33 *14*	†4.0 *5*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
770.40 *10*	34.2 *12*	^{115}Te(6.7 m)	723.569(18), 1071.70(12.9), 1504.10(10.2)
770.4 *3*	0.161 *25*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
770.4 *4*	†12.9 *8*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
770.5 *2*	0.55 *12*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
770.53 *10*	0.50 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
770.56 *19*	0.019 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
• 770.57 *10*	†4.74×10^{4} *19*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
770.6 *2*	0.104 *7*	^{65}Ni(2.5172 h)	1481.84(24), 1115.546(15.43), 366.27(4.81)
• 770.6 *2*	0.0030 *3*	^{65}Zn(244.26 d)	1115.546(50.60), 344.95(0.0030)
770.60 *20*	0.23 *5*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
770.64 *14*	1.86 *17*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
770.644 *9*	0.47 *5*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
770.7 *4*	0.137 *24*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
770.7 *4*	0.381 *10*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
770.7 *1*	0.65 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
770.75 *15*	1.28 *8*	^{136}I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
770.77 *10*	2.6 *3*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
770.8 *4*	†4.0 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
770.9 *2*	0.32 *5*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
770.90 *10*	11.8 *11*	^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
770.90 *20*	†23	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
770.95 *85*	0.057 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
770.97 *10*	0.0061 *4*	^{137}Ce(9.0 h)	447.15(1.8), 10.6(0.8), 436.59(0.265)
• 770.97 *10*		^{137}Ce(34.4 h)	824.82(0.44), 169.26(0.44), 762.3(0.192)
771.0 *5*	0.004 *3*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
• 771.04 *4*	0.047 *4*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
771.15 *4*	0.40 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
771.16 *5*	0.367 *16*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
771.19 *6*	1.15 *7*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
771.19 *23*	0.045 *13*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
771.2 *4*	0.153 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
771.21 *5*	2.05 *19*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
771.23 *12*	0.085 *10*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
771.24 *28*	0.46 *8*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
771.26 *15*	4.6 *4*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
771.3	†1.7 *6*	^{178}Ir(12 s)	266.1(†100.0), 131.6(†79), 363.1(†39.9)
771.3	0.11 *6*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
771.3 *3*		^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
771.37 *9*	5.4 *3*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
771.4 *8*	0.111 *16*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
771.4 *1*	†12.4 *12*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
771.4 *2*	0.042 *13*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
• 771.4 *4*	0.025 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
771.4 *2*	0.070 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
771.5 *5*	0.14 *3*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
771.51 *10*	0.48 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
771.60 *4*	0.0150 *23*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
771.6 *2*	0.074 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
771.7	0.020 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
771.7 *16*	0.028 *12*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
771.71 *33*	0.012 *3*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
• 771.756 *9*	0.121 *9*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
771.756 *9*	0.414 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
771.756 *9*	<0.6	^{76}Br(1.31 s)	559.101(<0.6)
771.8 *5*	0.039 *20*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
• 771.80 *16*	0.00029 *3*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
771.8		^{130}Pr(40.0 s)	951.9, 499.0, 1405
771.8 *3*	0.34 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
771.8 *3*	†3.1 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
771.8 *2*	†4.9 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
771.86 *16*	0.35 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
771.9 *2*	0.094 *14*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
771.9 *2*	0.8	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
771.9 *10*	0.40 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
771.93 *9*	0.258 *15*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
771.95 *7*	0.44 *4*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
772 *1*	0.08 *1*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
772 *3*	0.24 *13*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
772.0 *3*	0.09 *5*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
772.0 *1*	0.056 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
772.0	0.010	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
772.00 *15*	0.019 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
772.01 *13*	0.17 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
772.1 *5*	0.19 *10*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
772.1 *3*	0.031 *7*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
772.10 *10*	0.00066 *23*	^{161}Ho(2.48 h)	25.65150(27), 103.062(3.9), 77.414(1.91)
772.18 *10*	0.0036 *3*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
772.20 *15*	0.40 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
772.291 *4*	1.50 *6*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
772.291 *4*	1.24 *7*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
772.3 *1*	11.9 *5*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
772.3 *10*	0.38 *7*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
772.4 *5*	0.8	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
772.4 *3*	0.6 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
772.4 *2*	0.072 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 772.4 *3*	†2.66×10^4 *14*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
772.5 *6*	0.41 *7*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
772.5 *6*	0.21	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
772.52 *6*	0.045 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
772.6 *3*	0.043 *9*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 772.6 *3*	0.0103 *8*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
772.6 *2*	0.0093 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
772.60 *1*	75.6 *13*	^{132}I(2.295 h)	667.718(99), 954.55(17.6), 522.65(16.0)
772.60 *1*		^{132}I(1.387 h)	600.1(14.0), 173.7(8.8), 614.0(2.5)
• 772.60 *1*	0.072 *3*	^{132}Cs(6.479 d)	667.718(98), 630.19(0.95), 505.79(0.73)
772.6 *2*	0.22 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
772.6 *2*	0.24 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 772.6 *2*	0.10 *3*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
772.61 *20*	0.066 *9*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
772.65 *3*	1.61 *4*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
772.67 *10*	0.257 *14*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
772.7 *5*	1.4 *2*	^{165}Hf(76 s)	180.0(100)
• 772.76 *8*	0.90 *7*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
772.80 *20*	0.246 *18*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
772.8 *3*	0.25 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
772.89 *4*	4.12 *8*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
772.9 *5*	2.26 *14*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
772.9 *2*	†75 *8*	^{174}Er(3.3 m)	100.4(†100), 708.4(†93), 766.9(†92)
772.9 *2*	†2.33 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
772.95 *5*	0.0034	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
773.0 *10*	0.0042 *17*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
773.0	0.130 *17*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
773.0 *4*	0.14 *6*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
773	†3.9	^{149}Tb(4.16 m)	795.9(†111), 651(†37), 164.98(†8.3)
773.0 *3*	0.20 *5*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
773.0 *2*	†0.45 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
773.0 *2*	0.21 *4*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
773.0 *5*	†1.25 *21*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
• 773.0 *8*	†0.008 *3*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
773.04 *6*	100	^{92}Tc(4.23 m)	1509.48(101), 329.71(79.9), 147.80(71)
773.1 *4*	†57 *6*	^{206}Rn(5.67 m)	497.7(†100), 324.5(†96), 386.6(†61)
773.16 *7*	0.94	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
773.19 *6*	0.18 *3*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
773.20 *12*	24.2 *18*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 450.2(17.4)
773.24 *6*	0.059 *12*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
• 773.276 *14*	2.0×10^{-5} *7*	^{186}Re(90.64 h)	137.155(8.22), 767.508(0.0255), 630.354(0.0230)
773.276 *14*	9.1 *3*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
773.276 *14*	13.5 *12*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
• 773.283 *15*	0.605 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
773.3 *5*	1.2 *3*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
773.31 *10*	0.233 *18*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
773.32 *17*	0.07 *3*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
• 773.390 *14*	0.000207 *4*	^{169}Yb(32.026 d)	63.12077(44.2), 197.95788(35.8), 177.21402(22.16)
773.4 *6*	2.75 *21*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
773.4 *5*	0.112 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
773.4 *5*	2.1	^{146}La(10.0 s)	258.47(93), 409.86(81), 514.75(31)
• 773.42 *18*	0.018 *4*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
773.46 *20*	0.410 *13*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
773.5 *2*	0.30 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
773.5 *3*	0.011 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
773.5 *1*	13.4 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
773.5 *3*	†<5	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
773.5 *3*	†2.5 *5*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
773.5 *3*	†31 *16*	^{194}Bi(106 s)	1308.3(†100), 671.8(†55), 965.4(†41)
773.54 *17*	0.00023 *15*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
773.57 *5*	0.101 *8*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
773.6 *3*	0.65 *8*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)
773.60 *11*	0.166 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
773.62 *9*	0.30 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
773.62 *9*	0.074 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 773.67 *3*	49.9 *5*	^{131}Te(30 h)	852.21(27.0), 793.75(18.10), 1125.46(14.9)
773.7 *2*	0.084 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
773.7 *4*	0.43 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
773.7 *3*	1.5 *3*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
773.700 *16*	0.050 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
773.7 *4*		^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
773.74 *6*	5.0	^{140}Pm(9.2 s)	477.1(2.6), 1204.8(1.9), 1138.7(1.5)
773.74 *6*	100 *5*	^{140}Pm(5.95 m)	1028.19(100), 419.57(92), 1197.5(3.8)
773.76 *18*	†0.46 *6*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
773.8 *5*	†100	^{190}Bi(6.3 s)	455.0(†94), 506.2(†92), 846.4(†70)
773.9	0.217 *25*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
773.9 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
773.9 *6*	†1.6 *7*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
774.0 *5*	†8.0 *10*	^{113}I(6.6 s)	462.5(†100), 622.4(†74), 351.5(†43)
774.0	0.016 *8*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
774 *1*	0.04	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
774.0 *3*	0.013 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
774.0 *4*	0.014	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
774.1 *1*	0.601 *18*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
774.1 *1*		^{125}La(76 s)	67.6(34), 43.6(3.5), 985.2
• 774.1 *1*	0.71 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
774.1 *2*	†7	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
774.1 *3*	†4 *1*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
774.1 *9*	2.7 *7*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
774.1 *2*	†1.15 *11*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
774.1	0.08 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 774.1	4.7×10^{-6} *8*	^{232}U(68.9 y)	57.762(0.200), 129.065(0.0686), 270.243(0.00316)
774.1 *2*	0.38 *23*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
774.12 *10*	3.70 *24*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
774.12 *10*	0.30	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
774.14 *6*	0.097 *14*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
• 774.2 *5*	0.010 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
774.2 *3*	0.18 *6*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
774.21 *7*	0.33 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
774.21 *15*	0.066 *10*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
774.26 *10*	14.1 *10*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
774.3	>0.019	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
774.3	0.6	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
774.31 *10*	0.35 *4*	^{162}Yb(18.87 m)	163.35(40.0), 118.70(33.6), 576.10(3.24)
774.37 *10*	50 *3*	^{130}In(0.32 s)	1905.17(74), 129.80(61), 1221.24(60)
774.37 *10*	46 *3*	^{130}In(0.55 s)	1221.24(89), 89.23(20.2), 2377.14(15.8)
774.4 *3*	0.259 *14*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
• 774.4 *4*	0.043 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 774.4	0.008 *3*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
774.46 *20*	1.0 *3*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
774.5 *3*	7.0 *6*	^{64}Ge(63.7 s)	427.03(37.4), 666.94(16.9), 128.2(10.7)
774.5	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
774.6 *3*		^{140}Gd(15.8 s)	174.8(76), 749.9(70), 379.0(38)
774.6	0.18 *9*	^{148}Ba(0.607 s)	56.08(29.20), 133.53(3.88), 415.78(3.59)
774.6	0.0031 *13*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
774.6 *3*	0.59 *8*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
774.70 *16*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
774.70 *16*	†3.5 *6*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
774.7 *2*	0.41	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
774.7 *1*	0.36 *2*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
774.73 *17*	7.1 *4*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
774.73 *4*	0.016	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
774.74 *10*	0.291 *17*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
774.74 *10*	2.46 *18*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
• 774.8 *2*	0.0019 *9*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
774.8 *4*	1.37 *17*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
774.8 *6*	1.16 *14*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
774.83 *17*	0.52 *4*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
774.9	†51 *20*	^{177}Ir(30 s)	183.6(†1010), 148.3(†929), 75.6(†>900)
• 774.9 *13*	0.048 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
774.9 *3*	0.112 *5*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
774.99 *1*	0.017 *5*	^{95}Tc(20.0 h)	765.794(93.82), 1073.71(3.74), 947.67(1.951)
775.0 *8*	0.19	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
775.0 *6*	0.076 *25*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
• 775 *2*	0.09 *6*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
775.0 *2*	†1.2 *3*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
775.0 *1*	0.09	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
775.0 *1*	0.041	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
• 775.1 *2*	0.013 *4*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
775.11	0.053 *8*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
775.12 *10*	†3.6 *3*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
775.2 *2*	†13	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 685.4(†41)
775.2 *3*	†2.9 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
775.28 *6*	63	^{88}Br(16.5 s)	802.14(13.13), 1440.69(4.72), 4148.05(4.03)
775.28 *6*	5.16 *18*	^{89}Br(4.40 s)	802.14(0.186), 868.57(>0.18), 1577.41(0.048)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
775.3 *2*	1.2 *5*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
775.3 *1*	5.4 *3*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
775.3		^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
775.30 *9*	2.1 *3*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
775.3 *2*	0.477 *24*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 775.3 *2*	†0.093 *12*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
775.31 *18*	0.0028 *8*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
775.4 *5*	0.33 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
775.41 *7*	0.192 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
775.47 *22*	†10 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
775.5 *3*	0.042 *4*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
• 775.5 *2*	0.094 *9*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
775.5 *5*	0.06 *3*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
775.5 *3*	0.67 *10*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
775.5 *3*	0.50 *8*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
775.53 *15*	9.2 *4*	^{151}Ho(35.2 s)	527.4(63), 209.5(5.69), 1549.7(4.6)
775.6 *7*	0.61 *7*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
775.6 *4*	4.7 *12*	^{98}Cd(9.2 s)	347.18(78), 1176.1(66.3), 107.28(43.7)
775.6 *4*	0.084 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
775.6 *2*	†0.58 *11*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
775.6 *3*	†1.43 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
775.7 *3*	0.0151 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
775.7 *4*	0.08 *4*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
775.8 *8*	0.107 *19*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
775.8	3.0 *15*	^{132}Sb(4.10 m)	696.8(100), 973.9(100), 150.6(66)
775.8	†98	^{176}Os(3.6 m)	1290.9(†100), 1209.2(†71), 857.2(†69)
• 775.9 *3*	1.10 *14*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
• 775.9 *3*	0.00039 *20*	^{193}Os(30.5 h)	139.03(4.27), 460.50(3.95), 73.039(3.2)
776.0 *6*	0.27 *13*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
776.0 *4*	0.35 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
776.00 *10*	0.095 *23*	^{162}Ho(67.0 m)	185.005(28.6), 1220.0(22.5), 282.864(11.3)
776.05 *20*	†2.8 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
776.06 *7*	0.20 *5*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
776.07 *13*	0.26 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
776.07 *5*	0.0075 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
776.08 *11*	2.11 *4*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
776.1 *9*	0.46 *11*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
776.1 *4*	0.9 *4*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
776.1 *2*	†2.12 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
776.19 *25*	0.070 *17*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
776.2 *2*	1.0	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
776.2 *3*	†95 *7*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 134.4(†69)
776.21 *4*	1.31 *8*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
776.3 *3*	0.0040 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
776.32 *27*	0.14 *5*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
• 776.33 *10*	4.4 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
776.4 *4*	0.052 *17*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
776.4 *3*	0.8 *1*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
776.4 *3*	†0.32 *5*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
776.49 *20*	1.13 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 776.5 *5*	0.0009 *5*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
776.5 *5*	†0.8 *3*	^{180}Au(8.1 s)	153.3(†100), 524.3(†29), 257.6(†26)
776.5 *2*	0.44 *5*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
• 776.517 *3*	83.5 *8*	^{82}Br(35.30 h)	554.348(70.8), 619.106(43.4), 698.374(28.49)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
776.517 *3*	0.26	^{82}Br(6.13 m)	698.374(0.0340), 1474.88(0.0198), 1180.266(0.00394)
776.517 *3*	13	^{82}Rb(1.273 m)	1395.139(0.471), 698.374(0.133), 1474.88(0.079)
776.517 *3*	84	^{82}Rb(6.472 h)	554.348(62.4), 619.106(37.976), 1044.002(32.068)
776.56 *10*	0.019 *6*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
776.56 *10*	0.44 *5*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
776.57 *20*	1.1 *3*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
776.6 *2*	100	^{102}In(24 s)	861.1(96), 593.1(30), 397.7(12)
776.60 *20*	0.54 *9*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
776.6 *2*	>0.049	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
776.6 *8*	0.054 *11*	^{157}Dy(8.14 h)	326.16(92), 182.20(1.84), 83.01(0.62)
776.6 *2*	9.1 *6*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 1449.7(6.9)
776.66 *20*	0.20 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
776.74 *1*	0.0061 *20*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
• 776.78 *4*	0.0144 *7*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
776.8 *1*	0.84 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
• 776.80 *25*	0.053 *18*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
776.85 *15*	0.22 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
776.85 *15*	1.1 *2*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
776.9 *1*	†0.97 *12*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
776.95 *5*	0.65 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
777.0 *5*	0.076 *14*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
• 777	0.007 *3*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
777.0	†0.58 *18*	^{178}Ir(12 s)	266.1(†100.0), 131.6(†79), 363.1(†39.9)
777.0 *2*	0.046	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
777.1 *3*	0.022 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 777.1 *3*	2.8×10^{-8} *7*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
777.13 *13*	6.6 *8*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
777.16 *6*	7.17 *11*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
777.2 *2*	2.6 *4*	^{174}Re(2.40 m)	243.4(37), 113.0(19.8), 1002.9(5.62)
777.2 *3*	†2.3 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
777.20 *15*	0.30 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
• 777.2	$\dagger6\times10^{02}$ *3*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
777.3 *4*	†0.23 *6*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
777.3	0.59 *9*	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
777.35 *10*	22.4 *6*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
777.44 *18*	1.44 *13*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
777.45 *25*	0.062 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
777.5 *3*	1.70 *17*	^{62}Co(13.91 m)	1172.9(97), 1163.4(67.3), 2003.48(18.4)
777.5 *3*	3.6 *4*	^{112}Rh(3.8 s)	348.70(33), 388.20(4), 737.20(1.8)
777.5 *3*	0.51 *3*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
777.57 *10*	0.200 *14*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
777.6 *1*	20.3 *8*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 1786.4(10.9)
777.6 *5*	1.7 *5*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
777.6 *9*	0.041 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
777.6 *2*	†30 *4*	^{195}Pb(15 m)	883.1(†100), 393.7(†42), 871.0(†36)
777.63 *15*	0.64 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
777.68 *15*	1.11 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
777.70 *14*	0.053 *6*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
777.73 *18*	0.33 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
777.8 *5*	†3	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
777.8 *1*	0.0062 *6*	^{104}Rh(42.3 s)	555.796(2.0), 1237.2(0.066), 767.72(0.011)
777.8 *1*	0.00038 *4*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
777.8 *1*	0.64 *9*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
777.8	2.8	^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 777.85 *15*	0.073 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
777.89 *3*	0.364 *21*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
777.9		^{157}Lu(5.0 s)	967.5, 949.8, 880.5
777.9 *4*	3.8 *5*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
777.9 *2*	†6.6 *6*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
• 777.91 *19*	0.07 *4*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
777.92 *40*	0.055	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 777.921 *20*	4.28 *10*	^{99}Mo(65.94 h)	739.50(12.1), 181.063(6.08), 140.511(4.52)
777.93 *8*	0.83 *7*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
• 777.93 *20*	0.096 *18*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
• 777.97 *10*	0.048 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
778 *2*	0.013 *5*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
778.0 *3*	0.20 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
778.0 *2*	†17 *5*	^{136}Eu(3.3 s)	254.9(†100), 431.4(†34), 458.0(†20)
• 778	0.026 *4*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
778.0 *5*	†1.50 *20*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
778 *1*	†6 *3*	^{191}Hg(49 m)	252.5(†100), 196.3(†65), 224.7(†60)
778.0 *6*	0.0006 *3*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
• 778.04 *5*	4.95 *22*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
778.1 *3*	†4.4 *2*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
778.1 *5*	0.063 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
778.1 *1*	0.64 *7*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
778.10 *19*	0.044 *10*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
778.1 *4*	0.016 *5*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
778.156 *8*	8	^{155}Pm(41.5 s)	725.123(5.30), 409.873(2.18), 761.631(1.5)
778.2 *2*	0.51 *14*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
778.224 *15*	96.45 *19*	^{96}Nb(23.35 h)	568.80(58.0), 459.88(26.62), 849.929(20.45)
• 778.224 *15*	100	^{96}Tc(4.28 d)	849.929(98), 812.581(82), 1126.965(15.2)
778.224 *15*	1.9	^{96}Tc(51.5 m)	1200.231(1.08), 480.705(0.311), 719.562(0.296)
778.3 *5*	0.0015 *5*	^{109}Pd(13.7012 h)	88.04(1.171), 311.4(0.032), 647.3(0.024)
778.32 *9*	†1.59 *11*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
778.33 *5*	0.96 *6*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
778.4 *2*	†1.1 *2*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
778.4	0.078 *18*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
778.4 *2*	10.1 *6*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
778.4 *5*	1.15 *19*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
• 778.44 *10*	1.99 *8*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
• 778.5 *1*	1.51 *5*	^{144}Pm(363 d)	696.510(99), 618.01(98.6), 476.8(42.0)
778.5 *1*	6.8 *5*	^{208}Fr(59.1 s)	635.8(10), 325.3(5.2), 553.1(3.04)
778.54 *9*	0.259 *15*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 778.57 *8*	0.0017 *4*	^{193}Os(30.5 h)	139.03(4.27), 460.50(3.95), 73.039(3.2)
778.58 *6*	0.286 *20*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
778.6	1.2	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
778.6 *1*	0.64 *8*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
• 778.60 *7*	0.036 *3*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
778.6 *2*	0.045 *8*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
778.70 *20*	0.18 *4*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
778.77 *15*	0.0006 *3*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
778.8 *2*	0.90 *6*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)
778.8 *3*	0.0048 *5*	^{213}Po(4.2 us)	
• 778.817 *10*	3.078 *22*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
778.817 *10*	18.9 *4*	^{166}Tm(7.70 h)	2052.36(17.2), 184.410(16.1), 1273.540(14.9)
• 778.91 *1*	12.96 *7*	^{152}Eu(13.542 y)	344.281(26.58), 411.115(2.231), 1089.700(1.710)
778.91 *1*	†137 *9*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
778.91 *1*	0.07 *5*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
779.0 *5*	0.16 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
779.0 *5*	0.20 *6*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
779.0 *5*	0.29 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
779.0 *2*	†9.7×10^{2} *10*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
779 *1*	1.38 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
779.0 *4*	0.29 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
779.1 *6*	0.20 *6*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
779.12 *8*	0.097 *21*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
779.16 *14*	0.20 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
779.2 *1*	5.5 *4*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
779.2 *3*	1.0 *3*	^{131}In(0.282 s)	2434.03(90), 4487.00(2.76), 3989.75(2.66)
779.2 *5*	0.6 *3*	^{135}Nd(12.4 m)	204.02(52), 41.43(23), 441.2(14.9)
779.3 *1*	0.029 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
779.4	†>0.042	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
779.4 *5*	1.31 *7*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
779.4 *3*	†4.1 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
• 779.431 *14*	1.36×10^{-7} *8*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
779.5 *8*	0.27 *5*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
779.5 *2*	1.79 *18*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
• 779.51 *10*	0.099 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
779.58 *10*	0.0012	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
779.6	0.21	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
779.6 *3*	†18 *3*	^{147}Ho(5.8 s)	189.1(†100), 883.9(†100), 486.7(†61)
779.6 *7*	0.118 *11*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
779.6 *3*	0.037 *4*	^{235}Pu(25.3 m)	49.10(2.36), 756.4(0.479), 34.23(0.23)
779.630 *7*	10.4 *4*	^{196}Ir(52 s)	355.684(19), 446.613(4.5), 332.983(4.35)
779.67 *4*	1.77 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
779.7 *6*	0.176 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
779.76 *8*	0.067 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
779.8 *8*	1.08 *17*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
779.8 *5*	0.081 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
779.8 *1*	59 *3*	^{130}Sn(3.72 m)	192.5(70), 70.0(35.5), 229.2(23.4)
779.8 *3*	0.30 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
779.80 *17*	†4.4 *8*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
779.80 *5*	7	^{195}Hg(9.9 h)	61.46(6.2), 585.13(1.99), 180.11(1.90)
779.9 *4*	0.27 *6*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
779.90	0.12	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
779.92 *4*	0.270 *11*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
779.93 *5*	0.658 *24*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
780	0.22	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
780.0 *2*	1.18 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
780.05 *35*	†6.0 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
• 780.11 *6*	0.115 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
780.14 *4*	0.75 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 780.14 *4*	9.56 *18*	^{158}Tb(180 y)	944.09(44), 962.06(20.3), 79.5104(11.6)
780.2 *6*	0.10 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
780.2 *1*	†6.42 *30*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
780.2	0.021 *5*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 780.23 *4*	2.347 *15*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
780.25 *15*	31.0 *16*	^{48}K(6.8 s)	3832.2(78), 675.05(16.8), 2788.90(16.1)
780.3 *5*	0.12 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
780.337 *7*	0.024 *7*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
780.40 *5*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
780.40 *5*	3.7 *5*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
780.4 *9*	0.035 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
780.4 *2*	0.90 *4*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
780.44 *5*	2.76 *5*	^{242}Np(2.2 m)	735.93(5), 1473.1(2.34), 1137.1(1.30)
780.45 *3*	0.0041 *4*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
780.50 *20*	1.20 *13*	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
780.5 *4*	2.1 *6*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
780.5 *7*	0.6 *3*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
780.5 *3*	0.113 *13*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
780.5 *3*	0.0030 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 780.5 *3*	†0.020 *4*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
780.56 *3*	0.25 *3*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
780.6 *10*	0.39 *9*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
• 780.66 *10*		^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
• 780.681 *20*	4.36 *6*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
780.70 *20*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
780.7 *2*	0.18 *4*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
780.7 *1*	2.7 *11*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
780.7 *3*	0.040 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
780.7 *3*	0.074 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 780.7 *2*	†2.5×10^3 *5*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
780.707 *14*	0.106 *18*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
780.79 *15*	†89	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
780.9 *8*	1.2 *4*	^{69}Ni(11.4 s)	1871.1(40.9), 679.7(39.7), 1213.0(39.3)
780.9 *3*	4.2 *3*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
780.9 *4*	0.07	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
• 780.91 *3*	0.572 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
780.99 *3*	0.0485 *18*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
781.0 *5*	†4.3 *17*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
781.0 *5*	2.0 *3*	^{200}Bi(36.4 m)	1026.5(100), 462.34(98), 419.70(91)
781.04 *10*	0.51 *16*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
781.1 *4*	0.37 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
781.1 *8*	0.110 *20*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
781.2 *2*	0.047 *7*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
781.2 *5*	0.22 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
781.2 *3*	0.56 *10*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
781.2 *3*	0.101 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
781.26 *3*	1.013 *22*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
781.28 *13*	0.182 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
781.28 *6*	0.168 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
781.28 *6*	4.0 *4*	^{246}Am(39 m)	679.0(53), 205.0(36), 152.9(25)
781.3 *3*	0.51 *8*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)
781.30 *12*	1.35 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
781.35 *5*	0.38 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 781.35 *5*	1.48 *6*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
781.37 *10*	†7.78×10^3 *18*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
781.4 *2*	0.0112 *12*	^{109}Pd(13.7012 h)	88.04(1.171), 311.4(0.032), 647.3(0.024)
781.4 *4*	1.2 *3*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
781.40 *6*	0.0039 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
781.4 *4*	†1.1 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
781.48 *7*	1.86 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
781.5		^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
781.5 *2*	0.8 *6*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
781.5 *3*	0.45 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
781.51 *8*	12.3 *9*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
781.55 *30*	0.07 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
781.57 *13*	0.0030 *4*	^{137}Ce(9.0 h)	447.15(1.8), 10.6(0.8), 436.59(0.265)
• 781.57 *13*		^{137}Ce(34.4 h)	824.82(0.44), 169.26(0.44), 762.3(0.192)
781.6 *3*	2.0 *3*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
781.6 *1*	9.3 *10*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
781.6 *2*	†4.9 *7*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
781.6 *3*	8.5 *9*	^{192}Pb(3.5 m)	1195.4(47), 608.2(17.9), 167.5(13.6)
781.62 *10*	1.34 *15*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
• 781.64 *8*	3.01×10^{-6} *25*	^{169}Yb(32.026 d)	63.12077(44.2), 197.95788(35.8), 177.21402(22.16)
781.7		^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
781.7 *2*	0.024 *5*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
781.7 *3*	†2.7 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
781.73 *10*	3.3 *4*	^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
781.73 *10*	2.07 *16*	^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
781.8 *4*	0.44	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
781.8 *5*	0.34 *10*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
781.8 *4*	†0.23 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
• 781.8 *20*	0.05 *3*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
781.85 *6*	0.083 *4*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
781.87 *6*	0.160 *8*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
781.88 *9*	0.378 *17*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
781.9 *3*	0.035	^{113}Pd(93 s)	95.74(3.3), 643.7(3.0), 739.63(2.4)
781.9 *3*	0.20 *4*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
781.9 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
781.9 *10*	†1.0	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
• 781.90 *20*	0.17 *3*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
781.9 *1*	83.5 *22*	^{209}At(5.41 h)	545.0(91), 790.2(63.5), 195.0(22.6)
781.93 *5*	†188 *63*	^{105}Ag(7.23 m)	319.14(†63000), 306.25(†12800), 442.37(†5900)
781.952 *16*	0.0042 *8*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
781.99 *15*	1.3 *2*	^{149}Pr(2.26 m)	138.447(11.0), 165.087(9.9), 108.520(9.5)
782.0 *4*	0.134 *20*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
782.0 *4*	0.12 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
782.0 *4*	0.78 *12*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
782.0 *1*	6.9 *11*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
• 782.0 *8*	0.012 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
782.08 *9*	0.33 *3*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
782.1 *3*	1.71 *14*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
782.11 *13*	0.33 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
782.12 *7*	0.060 *9*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
782.12 *7*		^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
782.142 *5*	0.500 *24*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
782.142 *5*	0.6	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
782.19 *4*	0.104 *7*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
782.2 *5*	3.6 *10*	^{99}Y(1.470 s)	121.761(33), 724.30(14.9), 536.2(6.6)
782.2 *4*	0.039 *20*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 782.2 *5*	$\dagger1.5\times10^{3}$	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
782.3 *4*	0.06 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
782.3 *4*	0.8 *3*	^{80}Ge(29.5 s)	265.36(27.0), 110.4(6.5), 1564.3(4.9)
782.3 *1*	†2.10 *21*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
782.3 *1*	2.11 *11*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
782.40 *30*	0.019 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
782.47 *10*	0.30 *4*	^{162}Yb(18.87 m)	163.35(40.0), 118.70(33.6), 576.10(3.24)
782.48 *8*	15 *3*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 782.49 *4*	10.16 *15*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
782.5 *5*	0.0139 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
782.5 *3*	0.57 *8*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
782.5 *10*	0.20 *8*	^{222}Fr(14.2 m)	206.15(51), 111.12(12.5), 242.12(1.89)
782.5 *10*	0.00009 *3*	^{226}Th(30.9 m)	111.12(3.29), 242.12(0.866), 131.02(0.278)
782.6 *5*	0.42 *15*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
782.6	0.021	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
• 782.6 *2*	1.20 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
• 782.6 *3*	0.047 *23*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
782.6 *3*	0.69 *10*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
782.62 *20*	5.7 *5*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
782.7 *3*	†8	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
782.7 *1*	0.033 *4*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
782.7 *5*	0.0061	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
782.71 *15*	8	^{80}Y(35 s)	385.86(100), 595.06(39), 1185.20(20)
782.8 *4*	†0.86 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
782.80 *12*	1.96 *9*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
782.83 *15*	0.21 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
782.861 *18*	0.027 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
782.9 *2*	0.44 *4*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
782.9 *3*	0.20	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
782.91 *3*	0.092 *12*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
782.99 *6*	0.025	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
783.0 *3*	5.6 *17*	^{114}Rh(1.85 s)	332.9(56), 361.9(20), 694.4(13)
783.0 *15*	†4.0 *16*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
783.0 *2*	0.22 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
783.09 *3*	2.35 *4*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
783.1 *2*	†1.33 *16*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
783.1 *5*	0.062 *22*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
783.14 *15*	0.97 *13*	^{80}As(15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
783.14 *57*	0.07 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
783.20 *14*	1.97 *18*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
• 783.29 *9*	17	^{50}V(1.4×10^{17} y)	
783.29 *9*	100 *2*	^{50}Mn(1.75 m)	1097.97(98.5), 1443.28(69), 1282.36(33)
783.4 *3*	0.036 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
783.4 *2*	0.070 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
783.4 *1*	0.30 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
783.4 *1*	†38 *7*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 783.4 *1*	0.0033 *4*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 783.4 *1*	2.4×10^{-8} *4*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
783.46 *9*	0.33 *5*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
783.5 *2*	†2.1 *2*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
783.5 *9*	0.022 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
783.5	†8	^{99}Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
783.5 *5*	0.13 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
783.56 *26*	0.26 *3*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
783.59 *6*	0.0591 *25*	^{123}I(13.27 h)	158.97(83), 528.96(1.39), 440.02(0.428)
783.59 *2*	10.6 *3*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
783.6 *3*	†7.4 *15*	^{101}Nb(7.1 s)	276.10(†100), 157.466(†32), 13.5(†32)
783.6 *3*	>0.06	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
783.6 *3*	†3.1 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
783.6 *2*	0.90 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
• 783.682 *10*	0.57 *17*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
• 783.69 *10*	0.077 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
783.7 *3*	0.0649 *22*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
• 783.7 *5*	15.0 *3*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 252.4(8.5)
783.70 *20*	0.18 *4*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
783.7 *3*	0.81 *12*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
783.7 *5*	†1.5 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
783.72 *30*	0.08 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
783.754 *14*	66 *7*	^{183}Hf(1.067 h)	73.174(38), 459.069(27), 397.859(2.9)
783.8 *1*	0.55 *4*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
783.8 *2*	0.0118 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
783.80 *8*	2.14 *14*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
783.9 *4*	0.054 *18*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
784	>0.007	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
784.0 *6*	1.40 *20*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
784.0 *5*	0.26 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
784.09 *17*	0.240 *5*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
784.1 *5*	0.42 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
784.1 *3*	0.085 *9*	^{195}Ir(3.8 h)	98.85(10), 684.88(9.4), 432.86(9)
• 784.14 *10*	0.049 *4*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
784.2 *2*	0.018 *4*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
784.2 *4*	0.31 *15*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
• 784.2 *5*	†0.0063 *19*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
784.2 *5*	0.0049	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
784.3 *2*	0.67 *6*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
784.3 *2*	0.040 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
784.4 *4*	0.38 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
784.430 *16*	†119.0 *23*	^{148}Tb(60 m)	489.049(†28.0), 1079.025(†16.2), 631.947(†15.1)
784.430 *16*	100	^{148}Tb(2.20 m)	631.947(95), 882.3(92), 394.6(86)
784.43 *10*	0.208 *16*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
• 784.44 *19*	0.00067 *16*	^{193}Os(30.5 h)	139.03(4.27), 460.50(3.95), 73.039(3.2)
784.5	0.10	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
784.5 *6*	0.10 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
784.55 *8*	9.64 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 784.58 *7*	0.536 *10*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
784.6 *6*	0.017 *4*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
784.6 *2*	0.25 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
784.61 *6*	0.084 *5*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
784.68 *5*	2.99 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
784.7 *3*	1.03 *15*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
784.7 *5*	5	^{146}La(10.0 s)	258.47(93), 409.86(81), 514.75(31)
784.77 *3*	1.32 *3*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
784.8 *4*	0.67 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
784.8 *3*	†1.0 *3*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
784.82 *9*	0.64 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
784.93 *15*	1.86 *19*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
784.93 *5*	0.0093 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
785 *3*		^{46}K(105 s)	1346.0(100), 1228.7(6.4), 1675(3.5)
785.0 *5*	0.046 *14*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
785.00 *20*	†6 *4*	^{106}Nb(1.02 s)	171.548(†100), 350.70(†39), 714.00(†30)
785.0	†27.2	^{107}Mo(3.5 s)	400.3(†100), 65.7(†>92), 384.4(†57.6)
785 *1*		^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
785.0 *4*	0.0072 *24*	^{235}Pu(25.3 m)	49.10(2.36), 756.4(0.479), 34.23(0.23)
• 785.06 *4*	0.072 *3*	^{97}Ru(2.9 d)	215.718(86), 324.48(10.79), 569.31(0.873)
• 785.09 *6*	18.3 *10*	^{252}Es(471.7 d)	139.03(13.9), 924.12(2.41), 102.32(1.88)
785.1 *5*	2.7 *4*	^{74}Zn(96 s)	56.7(70), 49.4(33.4), 143.5(21.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
785.1 *5*	†0.40 *9*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
• 785.10 *7*	0.221 *16*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
785.11 *8*	0.055 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
785.12 *16*	3.8 *6*	^{86}Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
785.12 *12*	0.739 *16*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)
785.2 *3*	0.015 *3*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
785.2	0.62 *18*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
• 785.23 *12*	0.00037 *6*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
785.25 *16*	0.47 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
785.28 *8*	0.163 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
785.3 *2*	0.27 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
785.3 *3*	>0.19	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
785.3 *2*	1.4 *3*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
785.33 *2*	0.073 *12*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
785.37 *8*	1.102 *13*	^{212}Bi(60.55 m)	727.330(6.58), 1620.50(1.49), 1078.62(0.564)
785.4 *4*	0.074 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
785.4 *1*	0.0044 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
785.4 *2*	†3.3 *4*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
785.4	0.10	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
785.48 *5*	0.153 *17*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
• 785.5	0.06	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
785.5 *3*	0.06	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
785.5	†40 *3*	^{202}Po(44.7 m)	688.6(†1000), 316.0(†286), 165.7(†174)
785.54 *10*	0.39 *23*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
785.54 *10*	0.31 *19*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
785.56 *6*	5.5 *4*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
• 785.65 *3*	0.214 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
785.69 *15*	0.21 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
785.7 *1*	0.45 *4*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
785.7 *6*	0.77 *24*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
785.7 *1*	60	^{242}Np(5.5 m)	944.8(37.8), 159.0(19.2), 265.1(14.4)
785.72 *14*	0.086 *11*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
• 785.75 *20*	0.028 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
785.8 *2*	0.28 *6*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
785.8 *5*	0.079 *22*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
785.86 *3*	0.0036 *4*	^{104}Rh(42.3 s)	555.796(2.0), 1237.2(0.066), 767.72(0.011)
785.86 *3*	0.00086 *5*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
785.86 *3*	9.5 *14*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
785.86 *3*	1.9 *3*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
785.9 *1*	6.8 *4*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
785.9 *4*	1.04 *11*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
• 785.904 *15*	0.0119 *5*	^{166}Ho(26.83 h)	80.574(6.71), 1379.40(0.93), 1581.89(0.187)
• 785.904 *15*	0.0167 *22*	^{166}Ho(1.20×10^{3} y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
785.904 *15*	9.90 *21*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
785.91 *2*	0.85 *10*	^{214}Pb(26.8 m)	351.921(35.8), 295.213(18.5), 241.981(7.50)
• 785.92 *9*	0.0023 *7*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
785.93 *2*	0.145 *8*	^{95}Tc(20.0 h)	765.794(93.82), 1073.71(3.74), 947.67(1.951)
786.0 *2*	0.162 *9*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
786.0 *3*	†0.9 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
786.0 *3*	0.060 *10*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
786.0 *7*	0.231 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
• 786.00 *15*	†6×10^{03}	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
786.02 *12*	1.60 *11*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
786.06 *14*	†17.9 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
786.1 *3*	0.51 *8*	^{202}Au(28.8 s)	439.59(10.0), 1125.20(2.30), 1306.38(2.25)
786.1 *4*	0.30 *8*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
786.14 *50*	0.048	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 786.198 *4*	†29 *4*	^{95}Nb(86.6 h)	204.117(†4290), 582.082(†101), 820.624(†0.7)
• 786.198 *4*	8.66 *4*	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
786.2 *5*	†7 *2*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
786.26 *14*	0.0050 *9*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
786.27 *3*	1.19 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
786.27 *3*	†4.85×10^{4} *19*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 786.27 *3*	3.19 *13*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 786.27 *3*	3.25×10^{-6} *25*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
786.3 *2*	1.74 *19*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
786.3 *5*	4.8 *9*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
786.3 *1*	†31.7 *16*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 745.5(†26.8)
786.3 *4*	0.28 *4*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
786.3 *5*	0.0079 *20*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
786.4 *7*	0.00167 *17*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
786.4 *5*	9.5 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
786.44 *7*	3.20 *6*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 786.44 *7*	0.448 *18*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
786.5 *2*	1.7	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
786.5 *5*	0.023 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
786.54 *20*	0.37 *5*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
786.60 *20*	3.34 *15*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
786.6 *6*	1.89 *17*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
786.6 *2*	0.189 *14*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
786.6 *2*	0.8	^{149}Dy(0.490 s)	361.4(0.8), 290.7(0.8), 630.2(0.7)
786.6 *3*	0.186 *10*	^{231}Np(48.8 m)	370.9(10), 348.4(3.63), 263.8(2.84)
786.608 *23*	0.79 *8*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
786.7 *6*	0.022 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
786.7 *1*	0.19 *5*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
786.7 *3*	†2.9 *9*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
786.7 *1*	0.10 *5*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
786.73 *4*	0.0101 *13*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
786.8 *4*	0.05 *4*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
786.8 *1*	0.132 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 786.8	0.025	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
786.8 *2*	0.026 *9*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
786.836 *13*	†4.9×10^{5}	^{135}Xe(15.29 m)	1133(†33000), 1358(†22000), 1192.2(†4400)
786.9 *6*		^{112}I(3.42 s)	688.9
786.9 *2*	0.41 *5*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
• 786.9 *2*	8.6×10^{-8} *9*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
786.93 *2*	5.40 *9*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
786.96 *25*	†0.79 *6*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
786.99 *6*		^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
787.0 *15*	0.034 *14*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
787.0 *4*	0.52 *10*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
787.0 *4*	0.0048 *23*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
• 787.099 *11*	1.03 *17*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
787.1 *3*	0.046 *10*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
787.1 *4*	0.07 *4*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
787.1 *1*	0.029 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
787.12 *4*	0.30 *6*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
787.15 *10*	†13.5 *15*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
787.2 *6*	<0.000003	^{16}N(7.13 s)	6128.63(67.0), 7115.15(4.9), 2741.5(0.82)
787.2 *3*	>0.06	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
787.2 *5*	0.021 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
787.29 *10*	0.59 *7*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
787.3 *4*	†0.7 *4*	^{103}Nb(1.5 s)	102.64(†100), 641.1(†55), 538.5(†34.0)
787.34 *4*	0.69 *6*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
787.374 *14*	13	^{98}Nb(2.86 s)	1023.73(6.1), 1432.22(3.4), 644.830(3.4)
787.374 *14*	93	^{98}Nb(51.3 m)	722.645(73.8), 1168.830(17.8), 833.563(10.8)
787.4 *3*	0.024 *8*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
• 787.40 *9*	0.0026 *4*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
787.4 *3*	0.25 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
787.4 *5*	0.0027 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 787.4 *5*	†0.0063 *12*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
787.5 *4*	†1.0 *5*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
787.6 *4*	0.38 *4*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
787.6 *3*	1.3 *3*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
• 787.60 *15*	0.054 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
787.6 *4*	5.3 *6*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
787.7 *4*	8.2 *6*	^{95}Rh(1.96 m)	3407.1(2.11), 3824.4(1.35), 4336.5(1.01)
787.7 *1*	0.14 *4*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
• 787.742 *7*	0.310 *10*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
787.76 *10*	0.27 *4*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
787.8 *1*		^{115}Pd(50 s)	749(9.2)
787.8 *1*		^{115}Pd(25 s)	342.71(8), 303.87(7), 396.56(6)
787.8 *10*	0.41	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
787.86 *4*	7.1 *10*	^{128}Sb(10.4 m)	753.82(96.4), 743.22(96), 314.12(89)
787.9 *5*	0.00011 *3*	^{135}La(19.5 h)	480.51(1.5), 874.51(0.164), 587.83(0.1108)
787.9 *2*	†2.6 *4*	^{194}Bi(92 s)	965.4(†100.0), 575.1(†98.0), 280.1(†73.7)
787.95 *14*	1.57 *6*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
• 787.98 *18*	0.027 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
787.99 *10*	0.067 *15*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
• 788	0.004 *3*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
788 *1*	†1.2 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
788.04 *8*	3.53 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
788.06 *15*	0.092 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
788.07 *10*	0.86 *5*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
788.1 *3*	6.7 *6*	^{180}Ir(1.5 m)	276.4(56), 132.2(38.1), 699.0(13.4)
788.1 *4*	0.21 *6*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
788.15	0.09	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 788.16 *7*	0.34 *3*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
788.16 *13*	0.50 *10*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
788.18 *10*	0.06	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
• 788.18 *5*	0.100 *16*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
788.19 *6*	0.005	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
788.2	0.79 *8*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
788.2 *5*	1.2 *4*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
788.2 *1*	†1.33 *14*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
788.2 *4*	†1.1 *3*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
788.28 *4*	0.533 *14*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
788.3 *2*	0.185 *9*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
788.30 *5*	8.2 *6*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
788.3 *4*	0.010 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
788.4 *2*	21.2 *22*	^{169}Ho(4.7 m)	853.0(11.2), 760.8(10), 778.4(10.1)
788.4 *5*	0.74 *11*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
788.44 *14*	0.176 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
788.5 *3*	0.093 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
788.5 *1*	†8.3 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
• 788.5 *3*	3.5×10^{-8} *7*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
788.558 *17*	0.33 *4*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
788.56 *17*	†1.4 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
788.58 *9*	0.06 *4*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
788.6 *1*	6.3 *3*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
• 788.65 *15*	0.81 *6*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
788.68 *8*	0.76 *5*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
788.70 *20*	0.028 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
788.7 *2*	†4.0 *15*	^{129}Sb(17.7 m)	759.8(†100.0), 657.78(†92), 433.76(†73)
788.7 *7*	1.0 *2*	^{200}Bi(36.4 m)	1026.5(100), 462.34(98), 419.70(91)
• 788.742 *8*	34	^{138}La(1.05×10^{11} y)	
788.742 *8*	2.4	^{138}Pr(1.45 m)	688.2(0.82), 1551.1(0.42), 1447.8(0.130)
788.742 *8*	100 *5*	^{138}Pr(2.12 h)	1037.8(101), 302.7(80), 390.9(6.1)
788.8 *1*	0.9 *7*	^{73}Br(3.4 m)	64.9(37.0), 336.0(10.4), 699.8(9.1)
788.8 *5*	0.84 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
788.8 *2*	0.14 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
• 788.8 *6*	0.025 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
788.8 *6*	†8.7 *19*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
788.82 *7*	0.07 *4*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
• 788.876 *12*	7.34 *7*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
788.9 *5*	2.2 *3*	^{96}Pd(122 s)	124.70(65), 762.3(50.0), 499.7(17.9)
788.9 *1*	†4.5 *5*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
• 788.92 *5*	0.0090 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
788.92 *8*	0.0970 *22*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
789.0 *3*	†3.8 *5*	^{111}Rh(11 s)	275.4(†100.0), 411.8(†9.42), 230.0(†8.9)
789.0 *3*	0.163 *21*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
789.0 *6*	0.06 *3*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
789.0 *13*	†18 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
789.0 *5*	0.012 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
789.0 *1*	0.533 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
789.06 *19*	2.7 *3*	^{186}Tl(27.5 s)	405.43(92), 402.72(45.9), 356.84(29.3)
789.1 *2*	0.47 *3*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
789.1 *2*	0.21 *5*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
789.1 *9*	0.12 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
• 789.17 *25*	$\dagger3.9\times10^{3}$ *6*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
789.188 *20*	0.00022 *13*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
789.2 *3*	†0.12 *2*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
789.2 *3*	0.57 *8*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
789.20 *16*	1.29 *6*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
789.2 *5*	0.119 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
789.21 *20*	†36 *7*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 580.97(†32)
789.22 *2*	0.068 *10*	^{54}V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
789.3 *4*	0.0028 *3*	^{81}Se(18.45 m)	275.988(0.7), 290.03(0.55), 828.27(0.280)
789.3	0.35 *5*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
789.3 *1*	0.065 *9*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
789.3 *1*	0.215 *21*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
• 789.32 *5*	0.019 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
789.4 *3*	0.060 *7*	^{93}Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
789.4 *1*	11.8 *7*	^{149}Dy(4.20 m)	100.8(15.2), 1776.3(11.1), 653.6(8.9)
789.4 *1*	5.1 *4*	^{151}Er(0.58 s)	597.4(4.4), 297.2(3.7), 414.1(2.7)
789.4 *2*	0.0140 *22*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
789.4 *4*	0.07 *3*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
789.47 *27*	0.56 *7*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
789.5 *9*	0.26 *5*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
789.50 *30*	0.22 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
789.59 *6*	0.050 *4*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
789.59 *10*	0.18 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
789.6 *4*	0.49 *5*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
789.7 *5*	4.7 *5*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
789.7 *4*	0.81 *16*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
789.7 *3*	0.44 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
789.7 *1*	1.14 *9*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
789.71 *21*	0.14 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
789.76 *5*	0.318 *18*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
789.8 *4*	0.44 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
789.8 *3*	0.14	^{227}Ra(42.2 m)	27.36(16), 300.07(4.6), 302.65(4.3)
789.9 *3*	4.8	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
789.9 *4*	0.089 *7*	^{107}Rh(21.7 m)	302.77(66), 392.47(8.8), 312.21(4.8)
789.9 *4*	2.3 *9*	^{150}Tb(5.8 m)	638.05(100), 650.4(70), 438.37(42)
789.95 *7*	0.118 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
789.95 *9*	0.059 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
790.0 *4*	>1.2×10^{-5}	^{83}Br(2.40 h)	529.635(1.200), 520.39(0.0576), 552.63(0.0200)
• 790.0 *4*	0.657 *18*	^{83}Rb(86.2 d)	520.39(44.7), 529.635(29.3), 552.63(16.0)
790.0 *5*	†1.25 *21*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
790.04 *16*	†7.4 *7*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
790.1 *2*	0.126 *11*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
• 790.12	0.0106 *21*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
790.12 *6*	0.307 *20*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
790.2 *2*	0.086 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 790.20 *20*	0.041 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
790.2 *4*	0.9 *3*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
790.2 *1*	63.5 *17*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 195.0(22.6)
790.3 *3*	0.74 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
790.3 *10*	1.8 *3*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
790.32 *7*	0.125 *10*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
790.4 *4*	0.023 *4*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
790.5 *3*	1.7 *3*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
790.5	†145 *8*	^{202}Po(44.7 m)	688.6(†1000), 316.0(†286), 165.7(†174)
790.5 *5*	0.104 *11*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
790.6 *2*	0.57 *16*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
790.6 *3*	0.094 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
790.6 *2*	†2.55 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
790.61 *3*	0.0141 *12*	^{161}Ho(2.48 h)	25.65150(27), 103.062(3.9), 77.414(1.91)
• 790.7 *2*	0.455 *16*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 790.712 *6*	0.743 *10*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 790.712 *6*	0.028 *8*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
790.80 *20*	0.44 *4*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
790.8 *6*	0.07 *7*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
790.8 *2*	0.114 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
790.8 *3*	0.28 *3*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
• 790.873 *18*	0.458 *11*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
790.9 *4*	1.57 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
790.90 *20*	2.9 *3*	^{190}Pb(1.2 m)	942.20(34), 151.19(8.92), 598.3(8.0)
791.0	0.017	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
791.0 *2*	†5.3×10^{2} *10*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
791.0 *3*	1.24 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
791.0 *7*	0.46 *10*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 791.07 *2*	0.0133 *4*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
791.10 *14*	0.25 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
791.10 *25*	0.58 *17*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
791.1 *5*	0.25 *11*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 791.146 *7*	0.0092 *21*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
791.19 *5*	3.26 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
791.2 *4*	0.099 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
791.3 *1*	0.80 *23*	^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
791.3 *3*	0.039 *15*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
791.3	0.009	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
791.32 *12*	0.31 *3*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)
791.4 *3*	1.64 *12*	^{158}Sm(5.30 m)	189.4(15.2), 363.6(12.4), 324.5(10.6)
791.4 *4*	†13	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
791.4 *5*	0.041 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
791.4 *2*	†15.3 *7*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
791.49 *25*	0.024 *7*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
791.5 *2*	0.0129 *25*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
791.5	0.024 *7*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
791.5 *2*	0.064 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
791.53 *23*	1.6 *5*	^{80}Zn(0.545 s)	712.53(45.1), 715.40(33.8), 964.93(15.6)
791.6 *3*	1.6 *3*	^{112}Rh(3.8 s)	348.70(33), 388.20(4), 777.5(3.6)
791.6 *2*	0.084 *14*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
791.6 *4*	0.12 *4*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
791.645 *20*	7.83 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
791.68 *22*	†5.0	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
791.7 *5*	0.020 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 791.7 *3*		^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
791.75 *8*	0.144 *13*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
791.777 *6*	1.07 *4*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
791.8	0.06 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
791.8 *3*	†0.45 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
791.9 *1*	0.36 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
791.9 *2*	†0.4 *2*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
791.94 *5*	†10 *3*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 791.94 *5*	0.254 *15*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
791.98 *15*	0.24 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
792		^{130}Pr(40.0 s)	951.9, 499.0, 1405
• 792.00 *15*	0.105 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
792.0 *10*	0.61 *20*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
• 792.0 *2*	0.015 *3*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
792.0 *5*	0.16 *4*	^{237}Am(73.0 m)	280.23(47.3), 438.4(8.3), 473.5(4.3)
792.03 *7*	0.0088 *8*	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
792.05 *19*	0.011 *3*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
792.06 *10*	1.75 *14*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
792.071 *6*	14.5 *4*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
• 792.071 *6*	37.5 *6*	^{184}Re(38.0 d)	903.279(37.9), 111.208(17.1), 894.757(15.6)
• 792.071 *6*	3.69 *8*	^{184}Re(169 d)	252.848(10.7), 216.548(9.43), 920.932(8.14)
792.1 *5*	†<0.1	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
792.1 *1*	0.66 *4*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
792.2 *3*	0.31 *7*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
792.2 *5*	1.1 *6*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
792.2 *3*	†2.3 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
792.2 *2*	†3.6 *5*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
792.2 *3*	0.65 *10*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
792.2 *3*	0.12 *3*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
792.3 *3*	0.023 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
792.3 *3*	0.18 *6*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
792.3 *4*	0.17 *5*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
792.31 *5*	5.2 *4*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
792.4 *4*	0.043 *12*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
792.4 *2*	†0.28 *11*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
792.4 *2*	2.02 *14*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
792.43 *20*	2.4	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
792.43 *20*	0.43	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
792.48 *22*	0.0172 *14*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
792.5 *1*	2.5 *3*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
792.50 *20*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
792.5 *3*	4.39 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 650.4(4.03)
792.5 *4*	0.065 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 792.5 *5*	0.023 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
792.50 *10*	0.93 *15*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
792.5 *4*	0.056 *17*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
792.5 *3*	0.52 *6*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 792.59 *6*	0.118 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
792.6 *3*	1.57 *15*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
792.6 *9*	0.11 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
792.6 *2*	0.28 *3*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
792.6 *6*	0.00075 *15*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 792.6 *6*	†0.0044 *7*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
• 792.608 *8*	2.0×10^{-8} *4*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
792.69 *4*	1.35 *8*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
792.70 *9*	13.8 *7*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 1759.60(6.8)
792.7 *2*	0.3 *1*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
792.7 *4*	1.14 *18*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
792.71 *16*	0.29 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
792.8 *2*	0.11 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 792.8 *7*	0.0022 *16*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
792.8 *4*	0.039 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
792.8 *3*	0.044 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
792.83 *3*	0.71 *7*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
792.84 *24*	0.37 *12*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
792.9 *5*	0.76 *9*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
792.9 *9*	0.11 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
792.9 *4*	0.022 *10*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
792.94 *6*	5.0	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
792.94 *6*	34	^{81}Ge(7.6 s)	335.98(58.9), 1495.53(19.9), 93.10(13)
792.98 *19*	0.88 *9*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
793.0 *5*	0.0714 *22*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
793.0 *2*	0.96 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
793.0 *3*	0.219 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
793 *1*		^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
793.02 *23*	1.22 *8*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
793.08 *10*	0.51 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
793.1 *2*	1.71 *11*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
793.10 *7*	0.108 *6*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
793.1 *4*	0.05 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
793.11 *6*	6.3 *6*	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
793.11 *6*	3.3	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
• 793.278 *25*	0.016 *4*	^{122}Sb(2.70 d)	564.119(69), 692.794(3.78), 1256.901(0.80)
793.278 *25*	1.297 *25*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 683.647(0.778)
793.28 *7*	0.087 *6*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
793.3 *1*	35	^{84}Y(4.6 s)	
793.3 *1*	99	^{84}Y(40 m)	974.6(75), 1040.2(56), 660.9(15.7)
793.30 *25*	5.6 *9*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 793.30 *25*	5.9 *3*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
• 793.4 *4*	0.042 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
793.4 *3*	0.76 *3*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
793.4 *3*	1.30 *15*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
793.4 *5*	†<0.1	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
793.43 *3*	0.0225 *18*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
793.5	2.8	^{83}Zr(44 s)	55.55(8), 104.97(5.70), 475.1(5.1)
793.5 *7*	1.0 *3*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
793.5 *3*	†5.0 *15*	^{129}Sb(17.7 m)	759.8(†100.0), 657.78(†92), 433.76(†73)
793.5 *2*	†3.7 *12*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
793.5	>0.13	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
793.53 *2*	86 *4*	^{130}Sb(6.3 m)	839.49(100), 182.36(41), 1018.01(30)
793.53 *2*	100 *5*	^{130}Sb(39.5 m)	839.49(100), 331.05(78), 182.36(65)
793.55 *8*	0.0029	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
793.60 *9*	0.10 *2*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
793.6 *1*	0.063 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
793.6 *2*	0.175 *24*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
793.6 *4*	0.59 *6*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
793.65 *6*	1.08 *5*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
793.7 *3*	0.094 *10*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
• 793.72 *10*	0.029 *4*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
• 793.75 *3*	18.10 *25*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 1125.46(14.9)
793.8 *3*	1.12 *21*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
793.8 *6*	0.018 *3*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
793.9 *2*	0.71 *5*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
• 793.97 *4*	0.0707 *19*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
794.0 *15*	0.041 *14*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
794.0 *3*	0.59 *15*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
794.00 *15*	0.28 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 794.17 *15*	0.037 *7*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
794.18 *12*	0.30 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
794.2 *12*		^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
794.24 *10*	0.88 *4*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
794.28 *9*	0.085 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
794.3 *4*	2.46 *12*	^{154}Pr(2.3 s)	162.4(15), 932.1(11.7), 70.8(11.22)
794.3 *4*	1.7 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
794.33 *3*	0.277 *7*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
• 794.386 *15*	0.0540 *18*	^{67}Ga(3.2612 d)	93.311(39.2), 184.577(21.2), 300.219(16.80)
794.41 *5*	2.99 *20*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
794.44 *11*	0.72 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
794.46 *22*	0.68 *18*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
794.5 *5*		^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
794.5 *5*		^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
794.6 *2*	0.26 *3*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
• 794.60 *21*	0.00056 *14*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
794.6 *6*	0.11 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
794.6 *5*	†4.5 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
794.69 *12*	0.025 *8*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
794.7 *3*	†0.34 *13*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
794.7 *4*	4.8 *9*	^{98}Cd(9.2 s)	347.18(78), 1176.1(66.3), 107.28(43.7)
794.7 *1*	0.0050 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
• 794.7 *3*	0.031 *7*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
• 794.7 *1*	0.0006	^{235}U(7.038×10^{8} y)	185.712(57.2), 143.764(10.96), 163.358(5.08)
794.72 *7*	3.36 *23*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
794.78 *10*	0.104 *8*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
• 794.780 *20*	0.0246 *13*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
794.780 *20*	†4.3 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
794.780 *20*	0.19 *3*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
794.8 *4*	0.059 *17*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
794.85 *7*	1.10 *11*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
794.9	0.2	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
794.9 *3*	0.18 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
794.9 *2*	0.67 *8*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 794.92 *20*	†9×10^{03}	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
794.947 *6*	4.34 *11*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
794.947 *6*	2.09 *9*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
795		^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
795.0 *6*	0.029 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
795.1 *6*	0.15 *4*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
795.1 *4*	†1.4 *4*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
795.1 *4*	†9.6 *16*	^{206}Rn(5.67 m)	497.7(†100), 324.5(†96), 386.6(†61)
795.1 *1*	0.37 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
795.2 *2*	0.45 *9*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
• 795.2 *5*	0.030 *8*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
795.2 *2*	0.21 *5*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
795.2 *1*	9.9 *5*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
795.29 *12*	0.228 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
• 795.3 *2*	0.044 *3*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
795.3 *5*	0.071 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
795.4 *3*	0.17 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
795.42 *3*	0.32 *3*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
795.5 *4*	0.023 *23*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
795.5 *2*	0.7	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
795.54 *11*	0.09	^{162}Ho(67.0 m)	185.005(28.6), 1220.0(22.5), 282.864(11.3)
795.6 *3*	0.083 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 795.69 *3*	0.140 *6*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
795.7 *2*	0.310 *20*	^{132}Sn(39.7 s)	340.53(49), 85.58(48.2), 899.04(44.8)
795.7 *3*	5 *1*	^{150}Tb(5.8 m)	638.05(100), 650.4(70), 438.37(42)
• 795.74 *9*	0.059 *5*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
795.8 *4*	0.29 *3*	^{76}Kr(14.8 h)	315.7(39), 270.2(21.1), 45.48(19.5)
795.8 *4*	0.31 *16*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 795.845 *22*	85.44 *38*	^{134}Cs(2.062 y)	604.699(97.56), 569.315(15.43), 801.932(8.73)
795.845 *22*	0.0076 *5*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
• 795.85 *8*	0.00070 *9*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
795.87 *9*	0.78 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
795.9 *1*	0.257 *20*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
795.9 *1*	0.10 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
795.9 *1*	†111	^{149}Tb(4.16 m)	651(†37), 164.98(†8.3), 773(†3.9)
795.92 *7*	0.33 *3*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
795.93 *9*	0.0070 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
796.0 *5*	0.42 *8*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
• 796.0 *5*	0.07 *3*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
796.0 *5*	0.19	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
796	†0.10 *1*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
796.0 *2*	0.16 *3*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
796	0.014	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
796.09 *15*	0.10	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 796.10 *10*	0.004 *3*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
796.10 *10*	0.074 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
796.1 *5*	†>1.4	^{110}Tc(0.92 s)	240.67(†100), 372.1(†17.0), 613.0(†16.0)
796.1 *3*	0.0035 *15*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
796.1 *1*	2.58 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
796.2 *7*	0.41 *9*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
796.2 *2*	18	^{149}Tm(0.9 s)	158.8(12.3), 416.7(11), 907.3(8)
796.20 *20*	0.577 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
796.2 *2*	0.065 *11*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
796.2 *3*	0.31 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
796.2	>0.0010	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
796.21 *40*	0.034 *7*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
796.22 *5*	0.0114 *15*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 796.25 *24*	0.0029 *12*	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
796.25 *24*	†63	^{105}Ag(7.23 m)	319.14(†63000), 306.25(†12800), 442.37(†5900)
796.29 *22*	0.254 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
796.3 *2*	0.027 *4*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
796.3 *3*	0.8 *3*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
796.37 *20*	0.25 *7*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
796.4 *4*	4.5 *5*	^{71}Br(21.4 s)	260.5(8.0), 233.7(6.5), 171.6(6.2)
796.4 *3*	0.238 *16*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
796.4 *3*	0.30 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
796.4	0.14	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
796.44 *7*	0.057 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
796.462 *25*	0.0665 *20*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 324.81(0.0314)
796.5 *1*	0.0038 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
796.5 *3*	4.2 *4*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
796.5 *6*		^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
796.54 *11*	0.640 *13*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
• 796.56 *10*	0.016 *6*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
796.6 *4*	0.073 *20*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
796.60 *11*	1.17 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
796.6 *5*	0.0118 *20*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
796.67 *8*	0.014 *3*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
796.7 *2*	0.7 *2*	^{104}Mo(60 s)	68.8(55), 69.7(17.8), 36.3(14)
796.7 *5*	0.8 *3*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
796.7 *1*	†3.3 *3*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
796.7 *3*	0.88 *18*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
796.7 *3*	†0.66 *11*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
796.7 *1*	7.9 *4*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
796.8 *5*	0.150 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
796.8 *5*	0.054 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 796.8 *6*	0.022 *8*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 796.8 *2*	†0.050 *7*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
796.83 *10*	5.3 *7*	^{110}Rh(3.2 s)	373.80(54), 439.79(6.5), 813.56(2.3)
796.85 *15*	1.13 *9*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
796.9 *3*	0.088 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
796.9	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
796.9 *5*	1.2 *3*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
• 796.9 *3*	1.5×10^{-8} *3*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
• 796.93 *7*	0.080 *16*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
797 *1*	0.06 *2*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
797.0 *23*	†2.6	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
797.0	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
797.0 *3*	0.172 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
797.0 *7*	0.33 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
797.02 *20*	0.0043 *10*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
797.10 *21*	†7.2 *12*	^{101}Nb(7.1 s)	276.10(†100), 157.466(†32), 13.5(†32)
797.2 *5*	6.1 *11*	^{159}Sm(11.37 s)	189.79(46), 861.97(18.2), 254.43(9.8)
797.2 *5*	0.0202 *20*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
797.27 *7*	0.140 *12*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
797.3 *2*	†24 *7*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
797.3 *3*	0.88 *15*	^{149}Pr(2.26 m)	138.447(11.0), 165.087(9.9), 108.520(9.5)
797.36 *24*	0.27 *7*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
797.38 *32*	0.06 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
797.4 *5*	4.5 *5*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
• 797.4 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 797.42 *10*	0.0105 *4*	^{172}Er(49.3 h)	610.062(44.2), 407.338(42.1), 68.107(3.29)
• 797.45 *6*	0.0360 *9*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
797.49 *15*	0.032 *8*	^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
797.5 *5*	1.36 *20*	^{72}Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
797.5 *4*	0.7 *3*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
797.5 *2*	>0.06	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
797.5 *3*	0.114 *14*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
797.5		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
797.53 *2*	5.25 *12*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
797.6 *13*	0.22 *6*	^{74}Kr(11.50 m)	89.65(31), 203.0(18.0), 296.67(9.9)
797.6 *9*	0.6 *4*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
797.68 *15*	0.24 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
797.7 *5*	0.053 *23*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
797.7 *6*	†7.7 *11*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
797.71 *8*	0.17 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
• 797.73 *6*	0.109 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
797.8 *2*	†7.1 *12*	^{94}Pd(9.0 s)	558.2(†100), 723.9(†12.1), 54.6(†11)
797.8 *1*	1.02 *6*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
797.80 *14*	0.52 *5*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
797.8 *3*	0.256 *18*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
797.81 *10*	6.0 *7*	^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
797.81 *10*		^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
797.88 *10*	0.60 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
797.9 *4*	0.27 *7*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
797.9 *4*	0.21 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
797.9 *3*	†7.5 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
• 798.0 *2*	0.016 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
798.0 *5*	0.071 *11*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
798.0 *5*	0.19	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
798		^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
798.0 *1*	0.115 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
798.01 *14*	0.030 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
798.1 *5*	0.032 *4*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
798.1 *4*	0.075 *23*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
798.1 *7*	†2.0 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
798.14 *8*	1.18 *6*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
798.2 *2*	†12 *2*	^{113}I(6.6 s)	462.5(†100), 622.4(†74), 351.5(†43)
798.2 *5*	0.16 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
798.2	0.14	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
798.20 *12*	0.24 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
798.23 *6*	0.108 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
798.35 *18*	0.047 *7*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
798.35 *21*	†8.8 *17*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
• 798.4 *2*	0.0230 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
798.4 *3*	12 *5*	^{122}Ag(0.48 s)	569.45(96), 759.70(33), 650.20(20)
798.43 *6*	0.191 *20*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
798.48 *18*	5.3 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
798.50 *2*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
798.50 *2*		^{131}Sn(58.4 s)	367.40, 285.0, 62.9
798.50 *2*	†86 *10*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 304.33(†32.0)
798.5 *5*	0.50 *8*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
798.5 *2*	0.047 *8*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
798.5 *3*	†2.08 *21*	^{201}Po(8.9 m)	967.4(†100.0), 964.3(†85), 411.9(†33.0)
798.59 *15*	0.133 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
798.6 *3*	0.082 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
798.6 *5*	0.49 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
798.6 *1*	0.77 *11*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
798.6 *1*	0.32 *7*	^{162}Tm(24.3 s)	811.52(6.5), 798.68(5.2), 227.52(5)
798.6 *2*	0.153 *24*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
798.65 *21*	0.028 *10*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
798.65 *5*	0.541 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
798.68 *5*	8.4 *3*	^{162}Tm(21.70 m)	102.00(17.5), 227.52(7), 900.7(6.5)
798.68 *5*	5.2 *7*	^{162}Tm(24.3 s)	811.52(6.5), 227.52(5), 900.7(4.0)
798.68 *25*	0.59 *6*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
798.7 *3*	1.07 *8*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
• 798.729 *5*	4.85 *16*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
798.74 *9*	0.171 *9*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
798.74 *16*	0.175 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
798.76 *5*	†16.9 *5*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 320.72(†15.19)
798.79 *2*	15.6 *3*	^{143}Ba(14.33 s)	211.475(25), 980.45(11.55), 1010.29(9.54)
798.80 *8*	0.0480 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
798.80 *4*	25	^{246}Am(25.0 m)	1078.86(27.7), 1062.04(17.1), 1036.00(12.6)
• 798.80 *4*	61 *4*	^{246}Bk(1.80 d)	1081.40(5.8), 833.60(5.0), 1124.29(4.4)
798.84 *20*	0.16 *3*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
798.85 *75*	0.156 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
798.87 *14*	1.70 *20*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
798.89 *6*	10.7 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 668.10(9.7)
798.9 *2*	0.093 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
798.9 *3*	0.22 *6*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
• 798.92 *3*	0.0482 *14*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
798.92 *9*	0.60 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
• 798.96 *10*	0.070 *8*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
799.0 *4*	1.6 *4*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
799 *1*		^{128}Pr(3.1 s)	550.6, 873, 592
799.0 *3*	1.4 *3*	^{154}Ho(3.10 m)	334.6(94), 412.4(79), 477.1(55)
799.0 *3*	0.56 *8*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
799.0 *5*	>0.15	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
799.0 *4*	0.38	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
799.07 *8*	14.8 *15*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
799.07 *8*	1.26 *5*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
799.1 *2*	0.44 *12*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
799.1 *2*	0.100 *18*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
799.19 *4*	0.060 *20*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
799.2 *4*	0.022 *17*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
799.2 *5*	0.58 *15*	^{98}Sr(0.653 s)	119.353(73), 444.628(39), 428.4(31)
799.2 *2*	†5.7 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
• 799.23 *3*	0.418 *12*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
• 799.26 *29*	0.237 *9*	^{83}Rb(86.2 d)	520.39(44.7), 529.635(29.3), 552.63(16.0)
799.3	0.7	^{147}Ce(56.4 s)	268.80(7), 92.9(4.7), 374.23(3.5)
799.4 *3*	0.15 *3*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
799.40 *18*	2.40 *25*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
799.5 *2*	0.7	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
799.5 *3*	0.021 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
799.55 *4*	600	^{154}Nd(25.9 s)	151.703(†800), 180.693(†510), 83.697(†410)
• 799.60 *15*	0.0015 *5*	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
799.6 *6*	0.016 *10*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
799.6 *6*	0.27 *6*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
799.6 *3*	†3.0 *8*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
799.60 *7*	1.03 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
799.64 *6*	9.4 *10*	^{182}Hf(61.5 m)	942.80(18.8), 114.3152(6.2), 339.65(5.6)
799.67 *27*	0.33 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
799.7 *3*	0.29 *3*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
799.7 *5*	0.005 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
799.7 *2*	0.065 *11*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
799.7	0.12	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
799.70 *10*	3.6 *4*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
799.7 *4*	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
799.7 *1*	99	^{210}Tl(1.30 m)	298(79), 1316(21), 1210(17)
799.7 *1*	0.0104 *4*	^{214}Po(164.3 us)	298(0.000052)
799.7 *2*		^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
799.73 *14*	0.61 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
799.74 *20*	0.0043 *10*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
799.76 *15*	0.033 *11*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
799.77 *30*	0.08 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
799.8		^{157}Lu(5.0 s)	967.5, 949.8, 880.5
799.8 *3*	†2.9 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
799.87 *20*	1.57 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
799.88 *5*	0.89 *4*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
799.9 *4*	0.72 *9*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
799.9 *4*	>1.3	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
799.9 *4*	0.039 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
799.92 *15*	0.00200 *17*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
799.98 *5*	0.15 *4*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
800.0 *6*	0.31 *6*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
800.0 *2*	1.49 *13*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
• 800.01 *8*	1.49 *10*	^{252}Es(471.7 d)	785.09(18.3), 139.03(13.9), 924.12(2.41)
800.06 *70*	†3.2 *8*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
800.1 *4*	0.54 *20*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
800.12 *23*	†4.0 *8*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
800.23 *16*	0.047 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
800.23 *4*	0.101 *5*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 800.28 *5*	1.07 *4*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
800.3 *2*	0.39 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
800.3 *2*	0.126 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
800.3 *3*	1.0 *3*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
800.40 *10*	0.50 *3*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
800.4 *9*	0.039 *13*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
800.4 *5*	0.10 *3*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
800.4 *4*	0.16 *9*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
800.45 *28*	0.98 *13*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
800.5 *2*	0.132 *22*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
800.50 *8*	2.21 *11*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
800.5 *10*		^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
800.52 *14*	2.8 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
800.54 *5*	1.1 *3*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
800.55 *15*	†28 *4*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
800.57 *18*	>1.3	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
800.7 *1*	3.32 *10*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
800.7 *3*	†2.7 *7*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
800.7 *2*	0.82 *17*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
• 800.729 *15*	0.032 *5*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
800.729 *15*	0.098 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
• 800.75 *4*	0.190 *6*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
800.8 *6*	10 *3*	^{173}Er(1.4 m)	895.2(54), 199.2(48), 192.8(47)
800.87 *18*	0.070 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 800.9 *3*	0.00032 *16*	^{193}Os(30.5 h)	139.03(4.27), 460.50(3.95), 73.039(3.2)
800.90 *10*	1.03 *9*	^{195}Ir(3.8 h)	98.85(10), 684.88(9.4), 432.86(9)
800.94 *11*	0.502 *23*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
801 *1*	0.31 *16*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
801.0 *2*	0.027 *3*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
801.0 *2*	2.2 *6*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
801.0 *3*	0.19 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
801.0 *3*	0.027 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
801.071	0.148 *13*	^{43}K(22.3 h)	372.760(87), 617.490(79.2), 396.861(11.85)
801.1 *5*	0.017 *12*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
801.1 *10*	0.08 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
801.17 *17*	0.20 *6*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
801.2 *2*	†4.0 *12*	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
801.2 *5*	2.8 *4*	^{90}Tc(49.2 s)	1054.3(100), 948.1(100), 944.7(36.6)
801.2 *2*	0.53 *14*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
801.2 *2*	0.81 *24*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
• 801.2		^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
801.24 *19*	†6.2 *7*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
• 801.25 *20*	0.0358 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
801.26 *17*	2.02 *18*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
801.35 *10*	1.60 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
801.4 *2*	0.21 *5*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
801.5 *3*	0.17 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
801.6 *3*	5.3 *5*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
• 801.6 *2*	0.025 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
801.6 *2*	73 *2*	^{151}Tm(4.13 s)	2115.8(13), 1548.6(10), 1140.2(10)
801.62 *9*	0.594 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
801.63 *26*	†1.4 *3*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
801.7 *5*	0.059 *11*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
801.7	0.133 *18*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
801.7 *2*	0.029 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
801.7 *4*	†100 *33*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
801.7 *3*	0.33	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
801.7 *2*	0.014 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
801.8 *4*	†2.3 *6*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
801.9 *3*	†2.9 *6*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
801.9 *3*	0.19 *3*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
• 801.932 *22*	8.73 *4*	^{134}Cs(2.062 y)	604.699(97.56), 795.845(85.44), 569.315(15.43)
• 801.94 *20*	†1.36×10^4 *14*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
802.0 *3*	0.40 *15*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
802.0 *3*	7.0 *7*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
802.00 *20*	0.33 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
802.0 *3*	0.141 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
802.0 *5*	0.64 *21*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
802.0 *5*	†0.9 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
802 *2*	†5.7 *18*	^{189}Au(28.7 m)	713.17(†100), 812.68(†63), 447.65(†55)
802.0 *8*	0.24 *3*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
802.0 *5*	>0.09	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
802.10 *14*	0.119 *17*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
802.1 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
802.1 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
802.1 *5*	†8.0 *20*	^{113}I(6.6 s)	462.5(†100), 622.4(†74), 351.5(†43)
802.1 *1*	0.0194 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
802.10 *5*	0.192 *6*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
802.1 *3*	0.16 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
802.1 *7*	0.65 *7*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
802.14 *6*	13.13 *13*	^{88}Br(16.5 s)	775.28(63), 1440.69(4.72), 4148.05(4.03)
802.14 *6*	0.186 *12*	^{89}Br(4.40 s)	775.28(5.16), 868.57(>0.18), 1577.41(0.048)
802.17 *15*	0.122 *22*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
802.25 *8*	0.42 *6*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
802.3 *4*	0.030 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
802.3 *4*	0.0030 *15*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
802.3 *1*	†3.3 *3*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
802.3 *2*	0.031 *8*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 802.34 *4*	0.264 *21*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
802.4 *2*	0.42 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
802.4 *3*	†11 *2*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
802.4 *4*	2.5 *7*	^{136}Sm(47 s)	114.4(36), 747.7(5.4), 485.3(5.0)
802.4 *4*	0.0041 *12*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
• 802.40 *20*	0.0327 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
802.4 *5*	0.65 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
802.41 *10*	2.56 *3*	^{85}Br(2.90 m)	924.63(1.63), 919.06(0.65), 1727.02(0.381)
802.50 *8*	0.179 *15*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
802.5 *1*	†1.0 *2*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
802.5 *2*	0.62 *7*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
802.5 *6*	†>0.23	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
802.56 *14*	6.0 *6*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
802.56 *12*	0.25 *3*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
802.59 *5*	0.108 *13*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
802.6 *3*	0.038 *23*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
802.7 *3*	0.18 *3*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
802.7 *2*	0.07 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
802.7 *3*	0.020 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
802.7 *3*	1.2 *2*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
802.7 *3*	0.52	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
802.7 *5*	0.00006 *2*	^{226}Th(30.9 m)	111.12(3.29), 242.12(0.866), 131.02(0.278)
802.8 *2*	0.124 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
802.8	0.6	^{147}Ce(56.4 s)	268.80(7), 92.9(4.7), 374.23(3.5)
802.8 *2*	0.25 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
802.84 *23*	0.0280 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
• 802.87 *6*	0.150 *20*	^{48}V(15.9735 d)	983.517(99.98), 1312.096(97.5), 944.104(7.76)
802.87 *6*	0.0171 *21*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
802.9 *3*	0.062 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
802.9 *3*	1.1 *3*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
802.9 *2*	0.43 *9*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
• 802.94 *2*	0.0429 *14*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
802.94 *6*	0.325 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
802.96 *15*	0.35 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
803.0 *10*	>0.8	^{89}Mo(2.04 m)	658.6(5.7), 1272.6(3.7), 844.0(3.7)
803.0 *2*	2.1 *6*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
803.0 *1*	†8.52 *34*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
803.0 *10*	0.31	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
803.06 *16*	1.5 *7*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
803.1 *5*	†0.09 *5*	^{196}Bi(240 s)	1049.21(†21.1), 371.93(†20.8), 689.00(†19.2)
803.10 *5*	0.0050 *8*	^{206}Tl(4.199 m)	362(<0.00026)
• 803.10 *5*	99	^{206}Bi(6.243 d)	881.01(66.2), 516.18(40.7), 1718.70(31.8)
• 803.10 *5*	0.00121 *4*	^{210}Po(138.376 d)	
803.2 *2*	†7.2 *3*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
• 803.2 *2*	6.4×10^{-8} *5*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
803.3 *12*	†80	^{91}Br(0.541 s)	262.7(†100), 364.8(†40), 185.6(†30)
803.3 *3*	0.131 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
803.4 *2*	1.87 *13*	^{55}Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)
803.40 *20*	3.96 *17*	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
803.4 *6*	†6.3	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
803.4 *4*	0.081 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
803.4	100	^{150}Ho(26 s)	653.3(100), 393.9(93), 550.9(88)
803.4	90	^{150}Ho(72 s)	591.3(23), 653.3(15.3), 983(9)
803.4 *4*	†0.12 *2*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
803.469 *22*	0.268 *9*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
803.5 *2*	0.53 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
803.5 *3*	2.8 *6*	^{86}Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
803.5 *5*	0.20 *6*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
803.5 *2*	0.063 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 803.5 *2*	†0.061 *7*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
803.58 *10*	0.64 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
803.6 *10*	†1.2	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
803.65 *16*	0.018 *6*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
803.66 *7*	1.51 *11*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
803.7 *5*	0.020 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
803.75 *6*	0.833 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
803.8 *4*	0.27 *19*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
803.8 *3*	0.034 *6*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
803.8 *3*	0.120 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
803.8 *8*	0.155 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
803.8 *1*	0.035 *4*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
803.9 *3*	1.1 *2*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
804.0 *4*	0.22 *6*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
804.04 *18*	0.0028	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
804.1 *6*	0.68 *23*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
804.1 *3*	†11.3 *21*	^{109}Tc(0.87 s)	194.6(†100), 128.7(†51), 96.2(†48)
804.20 *15*	0.22 *3*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)
804.2 *1*	0.139 *7*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
804.3 *3*	10	^{145}Dy(13.6 s)	578.2(13), 639.6(12), 39.7
804.3 *7*	0.20 *9*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
804.34 *13*	13.0 *11*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 804.34 *13*	12.4 *5*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
804.35 *6*	1.00 *6*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
804.4 *3*	0.23 *4*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
804.4 *3*	0.44 *6*	^{141}Eu(2.7 s)	394.0(0.60), 882.9(0.54), 518.8(0.45)
804.4	3.30 *16*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
804.4 *2*	0.28 *7*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
804.4 *3*	0.62 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 804.4 *3*	1.2×10^{-7} *5*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
804.5 *3*	2.0 *5*	^{102}Sr(69 ms)	243.80(53), 150.15(18.0), 93.89(13.4)
804.5 *2*	†6.0 *6*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
804.52 *9*	0.61 *7*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
• 804.54 *20*	0.250 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
804.60 *13*	0.0216 *23*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
• 804.6 *2*	0.083 *7*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
804.6 *4*	0.53 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
• 804.65 *15*	0.085 *4*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
804.65 *36*	0.25 *6*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
804.7	1.2	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
804.7 *3*	†3.4 *10*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
804.7 *2*	2.57 *16*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
804.8 *2*	0.54 *8*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
804.8 *4*	0.45 *6*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
804.8 *2*	3.6 *4*	^{212}Fr(20.0 m)	1273.8(46), 227.72(43), 1185.6(14.1)
804.8 *4*	0.031	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
• 804.82 *10*	0.232 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
• 804.82 *7*	0.39 *3*	^{252}Es(471.7 d)	785.09(18.3), 139.03(13.9), 924.12(2.41)
804.9 *12*	0.00153 *3*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
804.9 *5*	0.0019 *3*	^{216}Po(0.145 s)	
804.91 *21*	†2.1	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
• 804.95 *20*	0.0062 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
804.96 *25*	†27	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
805.0 *2*	†33 *3*	^{227}Rn(22.5 s)	162.14(†100), 739.2(†65), 686.2(†62)
805.07 *22*	12.5 *4*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 815.63(6.8)
805.1 *3*	5.6 *6*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 1048.6(5.3)
805.11 *13*	3.1 *16*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
805.2 *3*	†0.61 *7*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
805.2 *3*	0.230 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
805.2 *4*		^{219}Ra(10 ms)	592.0, 489, 315.82
805.24 *24*	0.71 *8*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
805.24 *3*	1.65 *6*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
805.3	0.064 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
805.3 *2*	1.01 *5*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
805.32 *5*	0.74 *4*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
805.32 *15*	0.18 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
805.4 *4*	0.076 *19*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
805.4 *2*	0.153 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
805.44 *6*	0.14 *3*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
805.47 *2*	0.79 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
805.52 *10*	20	^{140}Xe(13.60 s)	1413.66(12.2), 1315.05(8.2), 621.874(8.0)
805.57 *20*	0.014 *6*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
805.57 *12*	0.396 *23*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)
805.6 *1*	1.4 *3*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
805.6 *1*	0.57 *17*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
805.6 *8*	0.28	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
805.6 *16*	0.030 *5*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
805.6 *10*	†1.8	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
• 805.648 *8*	2.7×10^{-8} *4*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
• 805.7 *1*	0.0027 *3*	^{177}Ta(56.56 h)	112.9498(7.2), 208.3664(0.94), 1057.8(0.29)
805.7 *3*	8.8 *22*	^{181}Lu(3.5 m)	652.5(22.0), 205.94(16.1), 574.9(15.4)
• 805.7	4.0×10^{-5} *3*	^{185}Os(93.6 d)	646.116(78.0), 874.813(6.29), 880.523(5.17)
805.7	†44	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
• 805.72 *4*	0.0127 *10*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
805.75 *6*	<1.6	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
805.75 *6*	1.2 *9*	^{68}Cu(31.1 s)	1077.35(64), 1260.97(12.5), 1883.09(2.4)
805.75 *6*	0.089 *4*	^{68}Ga(67.629 m)	1077.35(3.0), 1883.09(0.130), 1260.97(0.0900)
805.80 *5*	2.52 *15*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
805.80 *5*	$\dagger4.3\times10^{3}$ *5*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 805.80 *5*	0.182 *19*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 805.80 *5*	6.0×10^{-8} *3*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
805.84 *15*	0.045 *10*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
• 805.85 *25*	0.018 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
805.88 *5*	0.49 *4*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
805.9 *5*	0.28 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
805.9 *4*	8.4 *9*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
805.9 *1*	3.6 *7*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
805.9 *3*	0.9 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
805.9 *4*	0.15 *8*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
805.94 *6*	1.19 *8*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
806.0 *1*	1.75 *12*	^{94}Sr(75.3 s)	1427.7(94), 723.8(2.40), 703.9(2.13)
806.0 *4*	0.80 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
806.1 *5*	†1.04 *21*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
806.1 *5*	0.28 *11*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
806.174 *18*	1.12 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
806.2 *2*	0.14 *5*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
806.2 *2*	0.22 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
806.2 *3*	0.17 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
• 806.26 *30*	$\dagger3.1\times10^{3}$	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
806.3 *4*	0.19 *5*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
806.3 *2*	0.38 *6*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
806.3 *4*	0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
806.32 *5*	4.05 *17*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
806.32 *21*	0.0141 *25*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
806.34 *5*	0.454 *5*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
• 806.34 *2*	0.0287 *9*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
• 806.372 *17*	9.5 *3*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
806.4 *3*	0.18 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
806.4 *2*	†1	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
806.4	0.064 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
• 806.4 *3*	0.0038 *7*	^{191}Pt(2.9 d)	538.90(13.7), 409.44(8.0), 359.90(6.0)
806.4 *7*	0.96 *10*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
806.4 *5*	0.013	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
806.44 *8*	0.53 *4*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 806.49 *4*	0.159 *12*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
806.5 *1*	0.12 *4*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
806.52 *7*	0.96 *3*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
806.55 *27*	0.31 *6*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
806.58 *2*	0.73 *6*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
806.6 *5*	0.32 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
806.62 *7*	0.083 *5*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
806.63 *5*	0.219 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
806.7 *2*	0.25 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
806.80 *25*	16.1 *9*	^{116}Ag(10.4 s)	513.39(92), 705.82(61), 1028.90(30.4)
806.83 *8*	0.9 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
806.9 *2*	1.17 *19*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
807.0 *4*	0.19 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
807.0 *5*	0.028 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
807.0 *15*	2.1 *6*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
807.01 *10*	1.63 *15*	^{130}In(0.32 s)	1905.17(74), 129.80(61), 1221.24(60)
807.01 *10*	6.2 *4*	^{130}In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
807.04 *18*	0.084 *14*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
807.1 *5*	0.11 *3*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
807.1 *1*	†1.05 *21*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
807.137 *25*	5.85 *24*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
807.14 *9*	0.57 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
807.17 *4*	0.0012 *6*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
807.2 *3*	0.046 *17*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
807.236 *16*	1.281 *25*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
• 807.25 *10*	0.99 *7*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
807.3	0.7	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
807.3 *1*	0.050 *5*	^{199}Tl(7.42 h)	455.46(12.4), 208.20597(12.3), 247.26(9.3)
807.33 *8*	0.70 *6*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
807.36 *1*	0.292 *12*	^{213}Bi(45.59 m)	440.46(26.1), 292.80(0.429), 1100.16(0.29)
• 807.38 *8*	22.7 *5*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
807.4 *4*	†9 *4*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
807.4 *3*	†5.7 *9*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
807.4 *2*	†1.8 *1*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
• 807.46 *7*	1.16 *7*	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
807.5 *3*	†1.1	^{111}Rh(11 s)	275.4(†100.0), 411.8(†9.42), 230.0(†8.9)
807.5	0.34 *4*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
• 807.5 *10*	†0.0031 *15*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
807.53 *8*	42.8 *13*	^{162}Tb(7.60 m)	260.070(37.2), 888.20(38.7), 185.289(14.4)
807.53 *8*	0.073 *8*	^{162}Ho(15.0 m)	80.660(8.0), 1319.3(3.8), 1372.8(0.81)
807.53 *8*	0.08 *3*	^{162}Ho(67.0 m)	185.005(28.6), 1220.0(22.5), 282.864(11.3)
807.6 *4*	†100 *7*	^{195}Bi(183 s)	831.7(†100), 776.2(†95), 134.4(†69)
807.65 *20*	0.12 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
807.68 *9*	0.48 *6*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
807.7 *2*	1.34 *9*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
807.7 *1*	0.21 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
807.7 *3*	0.081 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
• 807.7 *4*	0.022 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 807.86 *10*	6.5 *4*	^{47}Ca(4.536 d)	1297.09(74), 489.23(6.5), 767.1(0.199)
807.86 *4*	13.65 *22*	^{64}Ga(2.630 m)	991.52(43), 3365.86(13.1), 1387.34(11.8)
807.9 *2*	0.150 *12*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
• 807.90 *6*	0.56 *5*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
807.9	100	^{152}Tm(5.2 s)	672.5(76), 422.4(66), 279.9(46)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
807.9	†100	^{152}Tm(8.0 s)	715.9(†13), 672.5(†9.5), 906.8(†6)
807.95 *3*	0.608 *13*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
808.0 *10*	0.067 *22*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
808	0.08	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
808 *1*	0.29 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
808 *1*	0.07 *3*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
808 *1*	0.18 *9*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
808.04 *25*	3.3 *5*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
808.1 *3*	6.2	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
808.1 *3*	0.020	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
808.1 *5*	†50 *15*	^{182}Lu(2.0 m)	818.4(†100), 720.6(†100), 97.79(†50)
808.1 *3*	†6 *5*	^{194}Bi(106 s)	1308.3(†100), 671.8(†55), 965.4(†41)
• 808.11 *5*	0.0164 *12*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
808.12 *14*	0.086 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
808.16 *12*	0.87 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
808.19 *21*	0.0148 *24*	^{51}Mn(46.2 m)	749.07(0.26), 1148.01(0.078), 1164.40(0.076)
808.20 *10*	0.036 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
808.20 *10*	†3.0×10^3 *3*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 808.20 *10*	0.101 *10*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 808.20 *10*	8.0×10^{-7} *2*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
• 808.21 *4*	1.21×10^{-7} *6*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
808.22 *8*	0.347 *21*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
• 808.271 *33*	0.0295 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
808.28 *10*	>4.1	^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
808.28 *12*	0.094 *12*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
808.29 *5*	3.9 *6*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
808.29 *3*	0.236 *10*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
808.3 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
808.3 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
808.3 *2*	0.021 *3*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
808.3	0.06	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
808.31 *7*	0.054 *11*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
808.37 *10*	7.4 *4*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 808.37 *10*	4.0 *4*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
808.4 *3*	2.94 *23*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
808.4 *4*	0.8 *3*	^{120}In(47.3 s)	1171.3(100), 1023.1(97.4), 197.3(80.6)
808.4 *1*	8.6 *5*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
808.4 *2*	†1.27 *11*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
808.45 *4*	0.57 *3*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
808.48 *6*	0.029 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
808.5 *7*	0.0042	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
808.5 *10*	0.024	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
808.5 *7*	0.05 *3*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
808.5 *5*	0.115 *23*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
808.5	†31.6 *20*	^{202}Po(44.7 m)	688.6(†1000), 316.0(†286), 165.7(†174)
808.56 *7*	†0.62 *3*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
808.56 *7*	2.9 *3*	^{148}Tb(2.20 m)	784.430(100), 631.947(95), 882.3(92)
808.6 *4*	0.66 *9*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
808.6 *1*	0.037 *4*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
808.7 *16*	1.5 *3*	^{31}Na(17.0 ms)	2243.9(10.4), 171.1(4.8), 2022.2(3.8)
• 808.7 *3*	0.041 *3*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
808.7 *2*	0.22 *4*	^{121}In(23.1 s)	925.57(87), 261.96(7.9), 657.32(7.1)
808.7 *6*	0.31 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
808.7 *3*	0.32 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
808.7 *2*	†0.58 *9*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
808.79 *9*	0.153 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
808.8 *2*	0.6	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
808.8 *3*	0.12	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
808.8 *3*	0.20	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
808.843 *20*	0.189 *13*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
808.9 *1*	0.099 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
808.9 *5*	0.56 *9*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
808.93 *7*	0.99 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
809.00 *6*	3.26 *14*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
809.0 *4*	0.52 *8*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
809.0 *2*	0.41 *9*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
809.1 *2*	21.5 *13*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 190.8(10.3)
809.12 *6*	†32	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
• 809.17 *10*	0.097 *6*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
809.18 *13*	0.0070 *11*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
809.2 *5*	1.8 *2*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
809.2 *3*	0.73 *22*	^{180}Ir(1.5 m)	276.4(56), 132.2(38.1), 699.0(13.4)
809.23 *10*	0.25 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 809.25 *20*	0.0278 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
809.3	1.9	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
809.3 *3*	0.29 *6*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
809.3 *5*	0.3 *1*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
809.33 *6*	0.63 *7*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
• 809.38016	0.0413 *16*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
809.4	5.4 *3*	^{36}P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
809.4 *1*	†17.1 *13*	^{180}Au(8.1 s)	153.3(†100), 524.3(†29), 257.6(†26)
809.4 *3*	0.18 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
809.401 *34*	71.9 *23*	^{96}Sr(1.07 s)	122.297(76.50), 931.7(11.8), 530.0(9.0)
809.5 *2*	2.6 *3*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
809.5 *5*	†27 *13*	^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
809.57 *5*	0.40 *3*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
809.6 *3*	6.4 *6*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
809.6	0.016	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
809.6 *4*	†2.2 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
809.7 *10*	0.0122 *24*	^{142}Pm(40.5 s)	1575.85(2.0), 641.4(0.384), 2384.3(0.067)
809.74 *12*	0.50 *5*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
809.8 *3*	34.3 *15*	^{90}Tc(49.2 s)	1054.3(100), 948.1(100), 944.7(36.6)
809.80 *20*	2.04 *15*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
809.8 *10*	0.07 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
809.8 *2*	7.0 *7*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
809.8 *3*	0.033 *7*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
• 809.827 *8*	0.0171 *9*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
809.83 *20*	4.7 *3*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
809.9 *1*	0.015 *2*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
809.9 *2*	†6.3 *26*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
809.9 *4*	†1.5 *4*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
809.9 *4*	†1.77 *23*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
809.98 *2*	0.0423 *10*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
• 809.98 *2*	0.0312 *9*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
810.00 *18*	0.015 *3*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
810 *1*	1.2 *3*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
• 810.064 *15*	16.63 *25*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
810.1 *8*	0.122 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
810.1 *4*	9.8 *6*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 651.4(8.5)
• 810.12 *4*	0.0683 *22*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
810.20 *9*	2.01 *4*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
810.2 *3*	0.40 *20*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
810.2 *2*	4.2 *3*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
810.20 *4*	0.38 *5*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
810.2 *3*	0.006 *3*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
810.20 *10*	8.8 *5*	^{250}Es(8.6 h)	828.82(72), 303.41(21.6), 349.4(19.8)
• 810.27 *20*	0.52 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
• 810.276 *8*	58.08 *22*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 711.683(55.32), 280.459(29.77)
810.276 *8*	1.092 *25*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
810.29 *3*	6.2 *6*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
810.29 *3*	0.31 *20*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
810.3 *3*	†3.1 *3*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
810.35 *3*	2.27 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
810.4 *2*	0.48 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
810.4 *4*	0.17 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
810.4 *5*	0.071 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
810.459 *7*	0.025 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
810.459 *7*	0.92 *14*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 810.459 *7*	0.317 *4*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
810.459 *7*	0.0257 *12*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
810.5 *2*	0.00091 *20*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
810.51	42.1 *8*	^{33}Ar(173.0 ms)	1541.2(1.0), 2351.7(0.7)
810.60 *10*	0.62 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
810.6 *3*	0.40 *5*	^{184}Pt(17.3 m)	154.90(31), 191.97(27), 548.36(23.1)
• 810.60 *8*	0.171 *18*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
810.63 *7*	0.0025 *5*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 810.63 *7*	0.192 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
810.64 *19*	0.38 *4*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
810.764 *15*		^{58}Mn(3.0 s)	1446.53(1.2), 2433.05(1.2), 2065.59(0.5)
810.764 *15*	<0.026	^{58}Mn(65.3 s)	1323.09(6.44), 459.160(21.4), 863.935(14.8)
• 810.764 *15*	99	^{58}Co(70.82 d)	863.935(0.683), 1674.679(0.518)
810.8 *2*	0.189 *16*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
810.8 *2*	11.09 *10*	^{96}Nb(23.35 h)	778.224(96.45), 568.80(58.0), 459.88(26.62)
810.8 *2*	0.0019 *9*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
810.8 *4*	†2.5 *12*	^{101}Nb(7.1 s)	276.10(†100), 157.466(†32), 13.5(†32)
810.9 *5*	0.45 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
810.9 *8*	†1.7 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
810.91 *6*	0.126 *6*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
810.94 *8*	0.126 *19*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
811.0 *5*	5.0 *3*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
811.0 *3*	0.26 *4*	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
811.0 *7*	0.7	^{200}Bi(36.4 m)	1026.5(100), 462.34(98), 419.70(91)
811.01 *12*	0.161 *17*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
811.14 *10*	1.28 *9*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
811.14 *10*	1.10 *18*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
811.18 *9*	1.21 *15*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
811.2 *1*	0.060 *15*	^{101}Tc(14.22 m)	306.85(88), 545.06(6.0), 127.23(2.86)
811.2 *3*	0.30 *6*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
811.2 *1*	0.57 *6*	^{153}Tm(1.48 s)	299.3(6), 765.5(1.92), 965.3(0.82)
811.2 *3*	0.31 *7*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
811.2 *4*	0.40 *8*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
811.24 *23*	2.5 *4*	^{186}Tl(27.5 s)	405.43(92), 402.72(45.9), 356.84(29.3)
811.34 *11*	0.347 *20*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
811.39 *35*	0.09 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
811.4 *3*	0.78 *8*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
811.40 *15*	0.018 *6*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
811.423 *8*	4.3 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
811.49 *10*	0.386 *18*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
811.5 *3*		^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
811.5 *1*	0.124 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
811.52 *10*	6.5 *5*	^{162}Tm(24.3 s)	798.68(5.2), 227.52(5), 900.7(4.0)
811.6		^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
811.6 *6*	0.13 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
811.6 *7*	0.0078	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
811.606 *18*	0.0165 *15*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
811.7 *3*	0.73 *8*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
811.7 *2*	0.40 *11*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 811.79 *5*	9.70 *4*	^{156}Eu(15.19 d)	88.9667(8.4), 1230.68(7.98), 1153.67(6.79)
• 811.8 *1*	0.068 *7*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
811.8 *5*	0.07 *3*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
811.8 *3*	†2.8 *11*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
811.8 *5*	†1.5 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
811.8 *3*	0.076 *6*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
811.81 *4*	0.198 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
811.84 *7*	0.23	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 811.85 *3*	†86.0 *9*	^{56}Ni(5.9 d)	158.38(†98.8), 749.95(†49.5), 269.50(†36.5)
811.9 *3*	0.75 *8*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
811.92 *6*		^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
811.92 *6*	9.8 *6*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
811.98 *4*	0.404 *21*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
812 *1*	0.38 *4*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
812.0 *2*	5.5 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
812.0 *9*	0.08 *3*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
• 812.01 *30*	†6.1×10^3 *8*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
812.1 *8*	0.095 *20*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
812.1 *5*	0.20 *7*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
812.1 *3*	0.29	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
812.1 *4*	0.12	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
812.12 *9*	0.55 *5*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
812.16 *3*	0.81 *4*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
812.2 *3*	0.25 *4*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
• 812.2 *4*	0.019 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
812.2 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
812.2 *2*	0.0225 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 812.2 *2*	†0.169 *19*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
• 812.287 *11*	0.009 *5*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
812.3	†2.9	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
• 812.3 *4*	0.05 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
812.3 *6*	>0.2	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
812.3 *3*	†100.0 *31*	^{170}Ho(43 s)	1894.5(†45.2), 78.6(†40), 1973.8(†36.5)
812.4 *4*	0.044	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
812.4 *4*	0.022 *17*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
812.4 *2*	†17.0 *18*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
812.5 *5*	0.14 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
812.581 *15*	2.95 *8*	^{96}Nb(23.35 h)	778.224(96.45), 568.80(58.0), 459.88(26.62)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 812.581 *15*	82 *4*	^{96}Tc(4.28 d)	778.224(100), 849.929(98), 1126.965(15.2)
812.59 *20*	0.31 *5*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
812.6 *3*	0.25 *13*	^{80}As(15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
812.6 *3*	0.040 *13*	^{80}Br(17.68 m)	666.14(1.08), 687.4(0.012), 677.0(0.008)
812.6 *3*	0.19 *7*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
812.6 *1*	14.6 *8*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 548.3(14.0)
812.6 *2*	0.139 *22*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
812.63 *8*	0.9 *3*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
812.63 *8*	2.6 *9*	^{136}I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
• 812.634 *10*	0.1470 *24*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
812.635 *22*	0.0704 *18*	^{135}Xe(9.14 h)	249.770(90), 608.151(2.90), 408.009(0.359)
812.68 *17*	†63 *9*	^{189}Au(28.7 m)	713.17(†100), 447.65(†55), 348.14(†43)
812.8 *5*	43	^{129}Sb(4.40 h)	914.6(20.0), 544.7(17.9), 1030.1(12.6)
812.8 *2*	†5.5 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
812.9 *1*	2.35 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
812.9 *1*	5.4 *5*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
812.9 *3*	0.28 *3*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
• 812.92 *11*	0.00031 *3*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
812.93 *4*	0.08	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
812.99 *10*	1.35 *16*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
813.0 *2*	0.113 *11*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
813.0 *4*	1.40 *19*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
813.0 *3*	0.060 *18*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
813.1 *3*	0.68 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
813.15 *28*	0.39 *5*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
813.19 *8*	0.0114 *18*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
813.2 *2*	7.0 *8*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 1037.3(6.6)
813.2 *2*	11.2	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
813.2 *4*	0.48 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
813.2 *4*	0.49 *8*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
813.2 *1*	9.2 *6*	^{249}Es(102.2 m)	379.5(40.4), 375.1(3.3), 1218.5(1.5)
813.22 *2*	3.72 *12*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
813.22 *2*	0.19 *4*	^{118}In(5.0 s)	1229.68(5.0), 528.83(0.7), 1173.59(0.43)
813.22 *2*	0.015 *7*	^{118}Sb(3.6 m)	1229.68(2.5), 1267.23(0.511), 528.83(0.472)
813.22 *2*	0.040	^{118}Sb(5.00 h)	1229.68(100), 253.68(99), 1050.69(97)
813.23 *13*	0.150 *15*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
813.27 *5*	0.347 *17*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
813.32 *10*	0.151 *24*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
813.36 *8*	0.132 *3*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
813.4 *3*	0.0097 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
813.4 *2*	0.12 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
813.41 *10*	0.18 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 813.504 *8*	4.5×10^{-8} *5*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
• 813.55 *20*	0.040 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
813.56 *9*	8.0 *11*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
813.56 *9*	2.3 *3*	^{110}Rh(3.2 s)	373.80(54), 439.79(6.5), 796.83(5.3)
813.6 *2*	13 *2*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
813.60 *20*	0.094 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
813.6 *1*	1.25 *10*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
813.63 *9*	1.9 *3*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
813.7 *2*	†26 *2*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
813.77 *15*	0.0072 *16*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
813.8 *3*	0.053 *16*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
813.9 *5*	1.7 *3*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
813.9 *2*	0.038 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 813.92 *5*	0.470 *12*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
813.97 *15*	0.067 *9*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
814.0 *4*	0.13 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
814.1 *3*	5.0 *5*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
814.1 *5*	†46 *13*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
814.1 *1*	0.0032 *3*	^{144}Pr(17.28 m)	696.510(1.3), 2185.662(0.694), 1489.160(0.278)
814.1 *1*		^{144}Pr(7.2 m)	1631.4(†2.8), 618.01(†1.5), 1885.0(†0.9)
• 814.1 *1*	0.55 *3*	^{144}Pm(363 d)	696.510(99), 618.01(98.6), 476.8(42.0)
814.1 *2*	0.060 *6*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
814.10 *10*	1.02 *9*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
814.1 *1*	14.1 *9*	^{154}Ho(3.10 m)	334.6(94), 412.4(79), 477.1(55)
814.1 *5*	†0.08 *2*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
814.15 *11*	0.025 *5*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
814.17 *12*	0.022 *7*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
814.2 *3*	1.20 *11*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
814.2 *4*	0.14 *6*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
814.2	†5.8 *4*	^{178}Ir(12 s)	266.1(†100.0), 131.6(†79), 363.1(†39.9)
• 814.2 *1*	0.10 *3*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
814.2 *1*	4.1 *3*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
814.2 *1*	0.309 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
814.25 *6*	0.164 *5*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
814.29 *10*	0.0058 *21*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
814.3 *2*	0.037 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
814.3 *3*	0.049 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
814.3 *2*	0.58 *13*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
814.4 *3*	2.8 *5*	^{102}Sr(69 ms)	243.80(53), 150.15(18.0), 93.89(13.4)
814.4 *3*	22	^{113}Te(1.7 m)	1018.1(13.0), 1181.0(12.3), 644.8(6.4)
814.4		^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
814.4 *3*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
814.41 *3*	44.5 *22*	^{207}At(1.80 h)	588.33(19.2), 300.654(12.8), 467.12(7.1)
814.48 *45*	0.17 *5*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
814.5 *2*	0.31	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
814.5 *1*	6.8 *4*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
814.5 *3*	0.08	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
814.5 *2*	0.087 *23*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
814.5 *3*		^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
814.58 *5*	0.0264 *19*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
814.68 *5*	1.89 *9*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
814.7 *2*	†15.1 *7*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
814.7 *2*	30.9 *15*	^{136}Pm(107 s)	373.8(15.0), 602.7(12.3), 857.2(12.72)
• 814.70 *25*	0.0087 *16*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
814.75 *8*	1.15 *9*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
814.8 *2*	†2.57 *18*	^{131}Ce(5.0 m)	230.43(†100), 436.85(†7.3), 462.9(†6.9)
814.82 *20*	0.0117 *23*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
814.98 *3*	33 *2*	^{92}Rb(4.492 s)	2820.6(6.2), 569.8(5.6), 1712.3(4.3)
814.98 *3*	27000	^{93}Rb(5.84 s)	569.8(†800), 963.5(†460), 393.5(†380)
815.0 *1*	78.00 *4*	^{96}Rb(0.199 s)	692.0(8.0), 813.2(7.0), 1037.3(6.6)
815.0 *1*	100	^{97}Rb(169.9 ms)	692.0(16.5), 414.3(15.0), 813.2(11.2)
815.0 *3*	†0.4 *2*	^{111}Rh(11 s)	275.4(†100.0), 411.8(†9.42), 230.0(†8.9)
815.0 *4*	†4 *1*	^{136}Eu(3.3 s)	254.9(†100), 431.4(†34), 458.0(†20)
815.0 *11*	0.155 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
815.08 *15*	0.022 *11*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
815.09 *8*	†1.08 *9*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
815.1 *3*	0.021 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
815.1 *4*	7.1 *12*	^{82}As(13.6 s)	654.6(72), 343.5(58), 1895.4(39)
815.2	0.042 *15*	^{26}Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
815.21 *15*	0.23 *3*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
815.28 *19*	1.07 *15*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
815.3 *3*	†4.4 *12*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
815.3 *5*	†3.8 *8*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
815.3	0.45	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
815.31 *14*	†5.5 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
815.31 *16*	2.5 *7*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
815.32 *9*	0.179 *15*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
815.35 *4*	0.0382 *9*	^{110}Ag(24.6 s)	657.7622(4.5), 1125.700(0.0153), 818.031(0.0090)
815.35 *4*	0.284 *20*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
815.4 *3*	0.047 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
815.4 *1*	†0.32 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
815.5	8.3 *17*	^{23}F(2.23 s)	1701.44(33.0), 2129.3(22), 1822.4(15.6)
815.5 *3*	0.037 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
815.5 *4*	2.4 *4*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
815.5 *5*	0.40 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
• 815.507 *9*	0.516 *3*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
815.507 *9*	0.87 *9*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
815.56 *6*	0.032 *5*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
815.6 *2*	1.5 *4*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
815.6 *2*	†9.5 *10*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
815.6 *1*	0.23 *3*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
815.63 *10*	6.8 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
815.7 *6*	8 *1*	^{164}Ta(14.2 s)	211.05(74), 376.8(22), 605.0(14)
• 815.70 *20*	0.0233 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
815.7 *4*	0.43 *9*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
815.73 *17*	0.351 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
815.77 *17*	0.133 *13*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
815.77 *17*		^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
815.77 *6*	0.088 *24*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
• 815.772 *19*	23.28 *19*	^{140}La(1.6781 d)	1596.210(95), 487.021(45.5), 328.762(20.3)
815.8 *2*	1.13 *3*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
815.83 *14*	0.046 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
815.88 *21*	†3.6 *6*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
815.9 *3*	†6	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
815.9 *4*	0.028	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
815.92 *6*	†45	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 378.32(†38)
• 815.95 *4*	0.213 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
815.990 *4*	18.6 *5*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 79.804(7.9)
• 815.990 *4*	48.99 *16*	^{168}Tm(93.1 d)	198.241(52.39), 447.515(23.05), 184.285(17.45)
816		^{132}Sn(39.7 s)	340.53(49), 85.58(48.2), 899.04(44.8)
• 816.00 *8*	0.214 *22*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 816.00 *8*	0.06	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
816.00 *20*	0.120 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 816.0 *2*	2.4×10^{-8} *4*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
816.06 *18*	0.072 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
816.07 *11*	1.06 *18*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
816.1 *10*	>1.3	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
816.1 *3*	0.18 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
816.1 *1*	0.54 *12*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
816.1 *1*	0.011 *2*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
816.1 *2*	0.41 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
• 816.19 *10*	0.047 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
816.2 *3*	0.54 *12*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
816.2 *1*	0.0031 *19*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
816.2 *5*	4	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 816.25 *10*		^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
816.3 *3*	0.026 *3*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
816.3 *3*	0.073 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
816.3 *3*	†0.59 *7*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
• 816.32 *4*	0.0354 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
• 816.327 *20*	1.150 *25*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
816.34 *8*	0.77 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
816.38 *7*	0.59 *5*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
816.39 *4*	0.305 *20*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
816.4 *1*	0.15 *5*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
816.4 *4*	†0.67 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 816.44 *8*	0.049 *5*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
816.48 *3*	12 *1*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
816.5 *5*	0.101 *24*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
816.5	0.19	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
816.5 *10*	0.017 *7*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
816.5 *4*	0.37 *7*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
816.5 *3*	0.30 *5*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
816.5 *3*	0.47 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
816.54 *8*	0.00159 *18*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
816.562 *19*	0.0099 *7*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
816.6 *5*	0.36 *5*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
816.6 *2*	10.9 *10*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
816.64 *4*	0.070 *11*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
816.692 *13*	0.307 *7*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
816.7 *2*		^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
816.7 *1*	0.320 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
816.71 *10*	0.031 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
• 816.71 *10*	8.0×10^{-7}	^{232}U(68.9 y)	57.762(0.200), 129.065(0.0686), 270.243(0.00316)
816.8 *2*	0.78 *4*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
816.8 *7*	0.008 *4*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
816.8 *7*	0.10 *6*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
• 816.8 *3*	0.078 *10*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
816.8 *2*	1.0	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
816.8 *3*	8.5 *15*	^{150}Tb(5.8 m)	638.05(100), 650.4(70), 438.37(42)
816.81 *20*	0.26 *8*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 816.9 *10*	0.036 *4*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
816.9 *2*	0.179 *16*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
817	>0.06	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
817.0 *10*	0.6 *4*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
• 817.0 *6*	0.40 *18*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 783.7(15.0)
817.0 *6*	0.016	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
817.04 *5*	$>6.0\times10^{-5}$	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
• 817.04 *5*	0.091 *3*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
817.04 *20*	0.85 *9*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
817.1 *2*	11	^{120}Ag(1.23 s)	505.9(71), 697.8(30), 1323.1(9)
817.1 *2*	11.59 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
817.1	0.049	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
817.2 *2*	1.6 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
817.2 *1*	†10 *1*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
817.2	>0.10	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
817.23 *10*	1.71 *5*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
817.24 *10*	4.01 *19*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
817.27 *18*	0.13 *4*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
817.3 *5*	>0.14	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
817.4	†0.65 *7*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
817.4 *3*	0.081 *18*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
817.44 *2*		^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 1016.31(24.1)
• 817.5 *5*	0.010 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
817.5	0.062 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
817.55 *12*	0.419 *19*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)
817.56 *19*	1.09 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
817.6 *10*	0.9	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
817.6 *1*	1.34 *10*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
817.6 *3*	0.26 *8*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
• 817.6 *4*	0.211 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
817.6 *2*	0.16 *3*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
817.6 *1*	†60 *6*	^{210}Fr(3.18 m)	643.8(†100), 203.1(†35), 901.3(†30)
817.61 *4*	0.00093 *19*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
817.61 *4*	0.71 *3*	^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 1016.31(24.1)
817.64 *18*	0.46 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
817.67 *10*	0.409 *25*	^{199}Tl(7.42 h)	455.46(12.4), 208.20597(12.3), 247.26(9.3)
817.7 *2*	1.56 *8*	^{144}Eu(10.2 s)	1659.8(10), 2423.3(0.96), 763.0(0.045)
• 817.7 *2*	0.09 *3*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
• 817.7 *2*	0.17 *3*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
817.7 *8*	0.49 *23*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
817.7 *9*	2.1 *6*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
817.7 *3*	†6	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
817.70 *22*	†0.42	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
817.8 *4*	18.5 *17*	^{133}Sb(2.5 m)	1096.22(43.0), 2755(12.5), 836.88(11.1)
• 817.856 *12*	2.08 *5*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
817.89 *10*	1.28 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 817.89 *10*	6.4×10^{-5} *5*	^{244}Cm(18.10 y)	42.824(.0044100), 98.860(.0001470), 152.63(<4.9×10^{-7})
817.9 *2*	3.09 *19*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 843.0(1.90)
817.9 *5*	0.094 *15*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
817.96 *24*	0.0113 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
818	0.19 *3*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
818 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
818.0 *20*	0.120 *13*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
818.0 *2*	0.26 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
818.0 *9*	0.28 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
818.0 *2*	0.81 *4*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
818.0 *15*	†6	^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
• 818 *1*	†0.0081 *19*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
818.0 *8*	0.6 *3*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
818.031 *4*	0.0090 *5*	^{110}Ag(24.6 s)	657.7622(4.5), 815.35(0.0382), 1125.700(0.0153)
• 818.031 *4*	7.29 *4*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
818.031 *4*	0.79 *5*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
818.031 *4*	2.26 *10*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
818.1		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
• 818.10 *6*	0.75 *6*	^{252}Es(471.7 d)	785.09(18.3), 139.03(13.9), 924.12(2.41)
818.18	0.0057 *16*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
818.2 *2*	†2.5 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
818.2 *5*	†1.0×10^3 *3*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
818.23 *10*	0.00209 *25*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
• 818.23 *8*	1.04 *4*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
818.29 *1*	0.274 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
818.3 *2*	0.24 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
818.37 *23*	1.8 *3*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
818.4 *4*	0.11 *6*	^{58}Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
818.4 *4*	0.088 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
818.4 *3*	†0.64 *8*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
818.4 *4*	†100 *25*	^{182}Lu(2.0 m)	720.6(†100), 808.1(†50), 97.79(†50)
818.4 *2*	0.156 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
818.5 *5*	1.4 *4*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
818.5 *4*	†1.1 *3*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
818.5 *2*	7.3 *4*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 818.514 *12*	†100	^{136}Cs(13.16 d)	1048.073(†80), 340.547(†42.3), 1235.362(†20.1)
818.514 *12*	2.3	^{136}La(9.87 m)	760.50(0.289), 1322.76(0.264), 1310.31(0.099)
818.6 *4*	27.4 *24*	^{82}As(13.6 s)	654.6(72), 343.5(58), 1895.4(39)
818.6 *3*	0.32 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
818.65 *15*	0.0411 *22*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
818.7 *2*	0.014	^{116}In(14.10 s)	1293.54(1.3), 463.16(0.25), 1252.5(0.031)
818.7 *2*	11.5 *4*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
818.7 *2*	0.17	^{116}Sb(15.8 m)	1293.54(85), 931.800(24.7), 2225.33(14.2)
• 818.7 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
818.7	0.29	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
• 818.80 *17*	0.11 *3*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
818.8	0.58 *7*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
818.9 *3*	0.00069 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
• 818.9 *5*	0.030 *6*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
• 819.0	0.016	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
819.00 *20*	0.064 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
819.0 *6*	0.0012 *12*	^{235}Pu(25.3 m)	49.10(2.36), 756.4(0.479), 34.23(0.23)
• 819.0 *10*	†4.0×10^3 *6*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
819.02 *4*	0.0243 *11*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
819.10 *20*	0.13 *3*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
819.1 *5*	0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
• 819.187 *13*	7.45 *10*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
819.187 *13*	33.3 *16*	^{232}Np(14.7 m)	327.3(52), 866.760(24.4), 863.89(20.3)
819.19 *12*	0.64 *3*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
819.2 *11*	0.05 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
819.2 *1*	1.88 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
819.21 *7*	3.7 *4*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
819.22 *4*	0.14	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
• 819.27 *3*	0.0133 *22*	^{148}Pm(5.370 d)	1465.12(22), 550.284(22.00), 914.85(11.46)
819.28 *8*	1.3 *3*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
• 819.29 *10*	0.840 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
819.3 *3*	0.17 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
819.3 *3*	0.137 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
819.3	0.06 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
819.36 *93*	0.05 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
819.47 *15*	0.89 *5*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
819.49 *10*	0.26	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
819.49 *10*	0.65 *5*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 819.50 *20*	0.0314 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
819.50 *20*	2.24 *5*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
819.54 *3*	7.6 *3*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
819.6 *2*	†0.34 *12*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
819.68 *2*	0.36 *4*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
819.7 *5*	0.09 *5*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
819.7 *4*	0.20 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
819.7 *6*	0.025 *4*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
• 819.72 *10*	0.031 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
819.75 *8*	0.120 *13*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
819.8 *5*	0.055 *22*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
819.9 *2*	1.74 *19*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
819.95 *10*	0.262 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
820.0 *5*	0.36 *10*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
820.00 *20*	0.014 *5*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
820 *1*	3.8 *10*	^{176}Re(5.3 m)	240.17(48), 109.08(25.0), 848.7(4.0)
820.0 *5*	0.015 *5*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
820.0 *6*	1.2 *3*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
820.06 *3*	1.20 *8*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
820.09 *7*	3.29 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
820.1 *2*	†17 *4*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
820.1 *3*	0.059 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
820.10 *3*	0.36 *3*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
820.106 *25*	0.0081 *6*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
820.20 *5*	4.4 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
820.2 *3*	0.23 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
820.29 *10*	0.138 *18*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
820.3 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
820.3 *3*	0.019 *6*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
820.3 *4*	0.14 *3*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
820.3 *4*	0.90 *20*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
820.3 *3*	30	^{203}Bi(11.76 h)	825.2(14.6), 896.9(13), 1847.4(11.4)
820.34 *10*	0.116 *15*	^{132}Ce(3.51 h)	182.11(77), 155.37(10.5), 216.83(4.95)
• 820.36 *7*	0.169 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
820.4 *4*	0.22 *4*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
820.40 *12*	0.032 *5*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
820.4 *1*	†6.1 *5*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
820.44 *13*	2.67 *11*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
820.45 *5*	3.71 *19*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
820.5	0.14 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
820.5 *4*	0.078 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
820.5 *7*	0.31 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
820.50 *15*	0.53 *7*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
820.5 *5*	0.010	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
820.5 *5*	>0.010	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
820.506 *24*	0.155 *5*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
• 820.53 *20*	0.198 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
• 820.6 *6*	0.22 *11*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 783.7(15.0)
820.6 *2*	0.16 *4*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
• 820.624 *5*	†0.7 *4*	^{95}Nb(86.6 h)	204.117(†4290), 582.082(†101), 786.198(†29)
• 820.624 *5*	4.712 *6*	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
820.7 *5*	0.09 *5*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
820.7 *3*	†2.81 *24*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
820.7 *4*	0.23 *9*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
820.7 *3*	0.0037 *22*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
820.71 *7*	†5.3 *6*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
820.72 *28*	1.31 *7*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
820.8 *2*	0.160 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
820.85 *40*	0.334 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
820.87 *40*	0.038 *18*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
820.9 *3*	0.81 *8*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
820.9 *5*	0.044 *20*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
821.0 *2*	0.24 *6*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
821.0 *1*	0.0094 *13*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
821	0.78 *7*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
821 *1*	0.22	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
821 *1*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
821.08 *10*	0.29 *3*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
821.1 *1*	0.20 *3*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
821.1 *2*	0.7	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
• 821.1 *3*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
821.1 *2*	1.37 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
821.1 *2*	†0.53 *5*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
821.13 *3*	0.0125 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
821.15 *8*	0.043 *5*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
821.164 *5*	34.5 *8*	^{168}Ho(2.99 m)	741.356(36.6), 815.990(18.6), 79.804(7.9)
• 821.164 *5*	11.53 *5*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
• 821.17 *4*	5.0×10^{-8} *11*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
• 821.18 *4*	0.316 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
821.18 *3*	0.18 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
821.20 *10*	1.09 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
821.2 *6*	0.019 *8*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
• 821.2		^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
821.2 *2*	†9.4 *5*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
821.2 *2*	0.040 *4*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
821.2 *1*	1.06 *8*	^{240}Np(61.9 m)	566.34(25.3), 973.9(23.8), 600.57(18.4)
821.201 *19*	0.0039 *8*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
821.27 *9*	0.60 *9*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
821.3 *2*	†100	^{154}Lu(1.12 s)	694.7(†97), 433.6(†83), 96.6(†12)
821.3 *2*	0.067 *19*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
821.3	0.10 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
821.3	0.06 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
821.3 *3*	0.6 *4*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
• 821.3 *2*	$>1.0\times10^{-8}$	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
821.32 *5*	0.6	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
821.4 *4*	0.13 *7*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
821.50 *10*	1.00 *11*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
821.5 *3*	0.49 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
• 821.50 *25*	0.034 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
821.50 *20*	0.32 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
821.5 *4*	0.31 *3*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
• 821.535 *28*	0.102 *7*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
821.6 *5*	0.47 *8*	^{67}Ni(21 s)	1937.1(0.64), 1115.3(0.49), 2841(0.27)
821.6 *2*	0.216 *16*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
821.67 *20*	†1.5 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 821.7 *3*	0.000164 *12*	^{75}Se(119.779 d)	264.6584(58.50), 136.0008(58.3), 279.5441(24.79)
821.7 *5*	0.77 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
821.7 *5*	0.207 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
821.75 *3*	0.35 *3*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
821.76 *15*	49.0 *11*	^{18}N(624 ms)	1981.95(83.2), 1651.61(48.9), 2473.29(20.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 821.78 *14*	0.324 *21*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
• 821.79 *6*	0.35 *3*	^{252}Es(471.7 d)	785.09(18.3), 139.03(13.9), 924.12(2.41)
821.80 *15*	0.03 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
821.8 *1*	0.64 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
821.8 *4*	0.039 *20*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
821.8 *5*	†0.08 *3*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
821.9 *5*	1.25 *15*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
821.9 *2*	1.73 *21*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
821.9 *7*	0.08 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
821.98 *12*	0.21 *4*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
822.0 *4*	0.029 *12*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
822		^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
822.0 *10*	0.06 *3*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
• 822.00 *15*	0.0081 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
822.0 *6*	0.11 *3*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
822.01 *12*	0.090 *10*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
822.02 *10*		^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
822.04 *18*	†49 *7*	^{160}Eu(38 s)	173.19(†100), 513.6(†60), 412.56(†56)
822.1 *5*	0.06 *3*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
822.1 *3*	0.20 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
822.14 *18*	0.40 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
822.15 *17*	0.65 *8*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
822.3 *2*	2.08 *24*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
• 822.30 *15*	0.110 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
822.33 *13*	0.252 *19*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)
822.39 *17*	0.36 *5*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
822.4 *2*	†17.3 *17*	^{132}Pr(1.6 m)	325.5(†100), 496.9(†25), 533.1(†15.2)
822.40 *25*	0.11 *3*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
822.41 *22*	0.17 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
• 822.45 *11*	0.034 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
• 822.48 *5*	4.28 *16*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 915.55(4.13)
822.5 *6*	0.25 *3*	^{76}Kr(14.8 h)	315.7(39), 270.2(21.1), 45.48(19.5)
822.5 *5*	0.33 *7*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
822.6 *1*	0.068 *14*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
822.6 *1*	20.1 *10*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
822.6 *1*	†71 *35*	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1827.2(†1410)
822.6 *4*	0.24 *4*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
822.6 *3*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
822.6 *7*	0.82 *12*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 822.6	†2.2×10^3 *6*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
822.68 *16*	0.16 *5*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
822.7 *3*	†0.33 *4*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
822.7 *1*	0.50 *25*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
• 822.78 *4*	7.99 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
822.78 *27*	0.34 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
822.8 *2*	†4	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
822.8 *2*	0.31 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
822.81	0.021 *8*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
822.82 *11*	0.52 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
822.83 *10*	0.383 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
822.9 *4*	0.00019 *3*	^{109}Pd(13.7012 h)	88.04(1.171), 311.4(0.032), 647.3(0.024)
822.9 *1*	0.047 *8*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
822.91 *7*	2.36 *16*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
• 822.97 *2*	0.129 *4*	^{99}Mo(65.94 h)	739.50(12.1), 181.063(6.08), 140.511(4.52)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
822.98 *5*	0.1432 *25*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
822.98 *8*	†5.6 *4*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
823.0 *8*	0.38 *19*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
823.0 *8*	†2.6 *8*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
823.1 *4*	10.9 *23*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 805.9(8.4)
823.10 *6*	2.6 *5*	^{182}Hf(61.5 m)	942.80(18.8), 799.64(9.4), 114.3152(6.2)
823.1 *2*	0.0087 *9*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 823.1 *2*	†0.156 *19*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
823.13 *4*	0.598 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
823.2 *4*	0.025 *12*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
823.2	†9	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
823.3 *3*	0.27 *3*	^{184}Pt(17.3 m)	154.90(31), 191.97(27), 548.36(23.1)
823.3 *4*	0.20 *7*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
823.38 *4*	2.52 *6*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
823.39 *10*	0.56 *5*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
823.4 *3*	0.29 *10*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
823.5 *3*	0.015 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
823.5 *3*	11.4 *18*	^{132}Pm(6.3 s)	212.5(88), 397.2(23), 610.4(12.3)
823.5 *5*	0.24 *8*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
823.5 *3*	0.134 *13*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
823.5 *10*	0.25	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
823.51 *15*	0.30 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
823.52 *19*	†3.4 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
823.60 *30*	0.19 *4*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
823.63 *15*	74	^{60}Mn(1.77 s)	1968.8(53), 492.9(18.0), 2299.3(13.0)
823.68 *8*	0.109 *6*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
823.7 *1*	0.067 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
823.9 *5*	0.081 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
823.9 *1*	1.2 *3*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
823.9 *5*	†30 *6*	^{171}Ho(53 s)	903.3(†100), 198.6(†88), 279.2(†60)
823.9	0.035	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
824.0 *3*	0.12 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
824.0 *5*	0.117 *21*	^{116}Te(2.49 h)	93.70(31.4), 628.63(3.22), 102.97(1.95)
824.0	†0.8	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
824.0 *2*	0.0132 *24*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
824.0 *15*	0.77 *9*	^{212}Fr(20.0 m)	1273.8(46), 227.72(43), 1185.6(14.1)
824	>0.034	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
824.06 *15*	†4.4 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
824.09 *21*	0.012 *3*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
824.09 *4*	1.08 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
824.11 *14*	0.0153 *12*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
824.18 *13*	0.0170 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
824.2 *3*	0.073 *19*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
824.2 *2*	1.24 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
824.22 *9*	1.27 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
824.23 *10*	8.7 *5*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
824.23 *10*	0.146 *11*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
824.3 *2*	0.52 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
824.3 *2*	0.155 *16*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
• 824.3 *2*	0.00012 *3*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
824.38 *15*	0.0174 *6*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 824.38 *15*	1.03 *9*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
824.4 *5*	0.240 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
824.43 *9*	5.0 *3*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
824.44 *14*	1.18 *16*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
• 824.49 *12*	0.0132 *14*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
824.5 *5*	2.1 *5*	^{98}Y(2.0 s)	1223.0(80), 620.505(63), 647.58(53)
• 824.5 *5*	0.019 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
824.52 *11*	0.0049 *13*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
824.6 *4*	0.151 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 824.68 *6*	0.035 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
824.69 *5*	<2.4	^{98}Rh(3.5 m)	652.43(96), 745.36(78), 1144.52(8.5)
824.7 *3*	1.01 *6*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
824.7 *4*	6.2 *12*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
824.79 *15*	13.6 *8*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 824.79 *15*	15.3 *4*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
824.8 *2*	†3	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
824.8 *2*		^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
• 824.82 *12*	0.44	^{137}Ce(34.4 h)	169.26(0.44), 762.3(0.192), 835.38(0.103)
824.84 *6*	0.244 *15*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
824.9 *2*	2.6 *3*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
824.9 *6*	0.3 *3*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
824.938 *24*	0.052 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
825.0 *2*	0.028 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
825.0 *3*	1.28 *12*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
825.03 *10*	0.37 *3*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
825.03 *10*	3.13 *25*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
825.1 *5*	0.22	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
825.1 *2*	1.88 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
825.2	0.7	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
825.2 *1*	14.6 *7*	^{203}Bi(11.76 h)	820.3(30), 896.9(13), 1847.4(11.4)
825.34 *8*	†13.2 *10*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
825.357 *6*	9.9 *3*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 749.345(1.12)
825.4 *1*	2.65 *21*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
825.4 *4*	0.35 *5*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
825.4 *3*	†8.5 *30*	^{129}Sb(17.7 m)	759.8(†100.0), 657.78(†92), 433.76(†73)
825.4	0.062 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
825.4 *3*	0.20 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
825.5 *7*	0.14 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
825.5 *1*	0.027 *3*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
825.5 *2*	0.8	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
825.5 *3*	0.0007 *4*	^{152}Eu(9.274 h)	344.281(2.44), 1314.67(0.956), 970.38(0.604)
825.5 *3*	0.200 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
825.533	0.009 *4*	^{39}Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)
825.6 *2*	0.051 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
825.60 *4*	0.130 *8*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
825.6 *4*	0.033 *16*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
825.60 *5*	0.22 *8*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
825.6 *5*	†1.4×10^3 *3*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
825.7 *4*	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
825.72 *15*	0.122 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
825.82 *16*	0.41 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
825.9 *3*	0.25 *5*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
825.9 *1*	0.07 *1*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
825.92 *8*	†1.89 *15*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
• 825.923 *20*	0.161 *6*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
825.93 *5*	0.00023 *4*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
826.0 *15*	0.06	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
826.0 *6*	0.13 *6*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
• 826.0 *4*	0.062 *16*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
826.0 *4*	0.16 *7*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
826 *1*	0.057 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 826 *1*	†0.012 *4*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
826.01 *7*	0.0007 *4*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
826.02 *13*	3.30 *8*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
• 826.04 *6*	0.046 *3*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
• 826.06 *3*	0.0076 *8*	^{60}Co(5.2714 y)	1332.501(99.9820), 1173.237(99.90), 346.93(0.0076)
826.06 *3*	0.008	^{60}Co(10.47 m)	1332.501(0.24), 2158.57(0.0007)
826.06 *3*	21.7 *11*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 1861.6(4.8)
826.1 *1*	0.65 *9*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
826.12 *3*	0.09 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
826.19 *4*	0.97 *11*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
826.2 *2*	1.0 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
826.2	0.39	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
826.2 *1*	†2.8 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
826.20 *25*	3.6 *6*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
826.21 *8*	2.36 *13*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
826.29 *21*	0.137 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
• 826.30 *16*	0.026 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
• 826.3 *5*		^{233}U(1.592×10^5 y)	42.44(0.0862), 97.134(0.020), 54.699(0.0182)
826.33 *10*	0.187 *16*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
826.4	0.396 *23*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
826.4 *2*	0.66 *19*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
• 826.44 *9*	>0.15	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
826.5 *2*	0.076 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
826.6 *3*	†0.11 *2*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
826.6 *1*	†8.0 *8*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
826.6 *1*	3.0 *3*	^{161}Er(3.21 h)	211.15(12.2), 592.6(3.7), 314.77(2.49)
826.67 *7*	0.27 *5*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
826.7 *1*	8.0 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
826.7 *4*	0.17 *6*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
826.7 *2*	0.80 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
826.7 *5*	2.5 *3*	^{186}Tl(27.5 s)	405.43(92), 402.72(45.9), 356.84(29.3)
826.7 *1*	2.38 *18*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
826.72 *17*	0.064 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
826.75 *10*	0.76 *6*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
826.77 *22*	20	^{181}Os(105 m)	238.75(44), 118.03(12.9), 831.62(7.7)
826.79 *11*	0.00023 *4*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
826.8 *15*	0.36 *13*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
826.8	2.9 *3*	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
826.8 *3*	0.045 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
826.8 *2*	0.0071 *8*	^{213}Bi(45.59 m)	440.46(26.1), 292.80(0.429), 807.36(0.292)
• 826.8 *3*	1.8×10^{-8} *6*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
826.8 *5*	0.0049	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
826.9 *15*	0.036 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
827		^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
827.00 *12*	0.152 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
827.0 *4*	0.189 *10*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
827.0 *5*	0.83 *21*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
827.03 *10*	0.6 *1*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
827.05 *9*	0.55 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
827.1 *3*	9.4 *6*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
827.1 *6*	0.11 *11*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
• 827.11 *10*	0.040 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
827.15 *10*	2.32 *19*	^{125}In(2.36 s)	1335.04(71), 1031.75(9.6), 617.88(7.4)
827.2 *4*	0.21 *6*	^{55}Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)
827.23 *25*	0.33 *15*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
827.3 *3*	0.61 *5*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
827.30 *6*	0.035 *15*	^{118}In(5.0 s)	1229.68(5.0), 528.83(0.7), 1173.59(0.43)
827.30 *6*	0.395 *25*	^{118}Sb(3.6 m)	1229.68(2.5), 1267.23(0.511), 528.83(0.472)
827.3 *2*	†1.70 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
• 827.43 *7*	0.043 *5*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
827.48 *10*	41 *3*	^{150}Tb(5.8 m)	638.05(100), 650.4(70), 438.37(42)
827.50 *20*	0.41 *4*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
827.5 *4*	†1.3 *4*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
827.51 *15*	†8	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
827.52 *7*	0.126 *8*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
827.59 *14*	0.0030 *4*	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
827.6 *1*	0.010 *5*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
827.6 *1*	0.26 *8*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
827.6 *5*	0.25 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
827.6 *6*	†>0.7	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
827.6 *6*	>0.34	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
827.60 *16*	0.29 *4*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
827.61 *25*	†2.3 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
• 827.69 *15*	0.124 *22*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
827.7 *6*	0.009 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
827.7 *5*	†10 *3*	^{189}Au(28.7 m)	713.17(†100), 812.68(†63), 447.65(†55)
827.74 *4*	1.107 *16*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
827.75 *5*	0.32 *3*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
827.8 *4*	0.76 *21*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
827.8	†5.0	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 685.4(†41)
• 827.8 *1*	0.52 *8*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
827.81 *20*	†32 *6*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
• 827.828 *6*	24.03 *24*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
827.828 *6*	21.0 *6*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
827.84 *5*	0.50 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
827.86 *10*	10.3 *5*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
827.9 *5*	0.10 *3*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
827.9 *4*	0.89 *10*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
827.9 *4*	1.04 *6*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
827.97 *13*	0.91 *6*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
• 828.0 *1*	0.0033 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
828.0 *5*	0.47 *10*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
828 *1*		^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
• 828	0.57 *14*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
828	0.006	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
828.09 *3*	2.99 *24*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
828.1 *5*	0.36 *8*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
828.1 *2*	†1.24×10^3 *14*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
828.13 *5*	0.30 *5*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
828.189 *13*	8.1 *5*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
• 828.21 *5*	0.289 *12*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
828.26 *5*	22.1 *11*	^{81}Ga(1.221 s)	216.47(37.4), 711.18(17.6), 936.62(9.6)
828.27 *5*	0.280 *19*	^{81}Se(18.45 m)	275.988(0.7), 290.03(0.55), 566.04(0.220)
828.3 *5*	0.17 *3*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
828.3 *4*	0.7 *3*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
828.3	0.14	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
• 828.320 *12*	10.8 *6*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
828.38 *2*	5.14 *17*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
828.38 *49*	0.11 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
828.39 *25*	0.0033	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
828.4 *2*	0.150 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
828.5 *2*	0.77 *7*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
828.5 *14*	0.036 *18*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
828.5	†38 *3*	^{202}Po(44.7 m)	688.6(†1000), 316.0(†286), 165.7(†174)
• 828.5 *5*	†0.012 *3*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
• 828.5	†2.4×10^3 *6*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
• 828.562 *14*	0.586 *19*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
828.6	0.0085 *21*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
• 828.6		^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
• 828.61 *12*	0.035 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
828.7 *5*	0.22	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
828.7 *9*	†1.7 *12*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
828.78 *14*	0.24 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
828.8	16.1 *3*	^{36}P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
828.8 *3*	0.87 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
828.8 *3*	†1.07 *16*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
828.8 *3*	0.058 *9*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
828.8 *3*	†2.8 *4*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
828.82 *3*	0.117 *6*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
828.82 *3*	5.5 *9*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 1167.25(2.94)
828.82 *3*	72 *4*	^{250}Es(8.6 h)	303.41(21.6), 349.4(19.8), 383.7(13.6)
828.9 *6*	0.068 *17*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
• 828.90 *15*	0.0086 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
828.9 *3*	0.027	^{227}Ra(42.2 m)	27.36(16), 300.07(4.6), 302.65(4.3)
• 828.9 *2*	1.33×10^{-7} *8*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
828.93 *3*	0.17	^{107}Cd(6.50 h)	93.124(1.45), 796.462(0.0665), 324.81(0.0314)
828.96 *6*	22.9 *22*	^{190}Re(3.1 m)	186.718(48.4), 557.972(28.2), 223.811(26.0)
828.96 *6*	0.52 *8*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
• 828.96 *6*	3.5 *3*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
829 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
829.0 *3*	†7.1 *5*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
• 829.0 *7*		^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
829.0 *10*	0.80 *23*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
829.01 *4*	0.13 *3*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
829.1 *5*	0.146 *14*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
829.16 *5*	0.252 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
829.2 *3*	0.094 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
829.20 *20*	0.24 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
829.27 *5*	0.96 *5*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
829.3 *5*	>0.13	^{108}Sn(10.30 m)	396.44(64.3), 272.75(45.5), 669.08(22.6)
829.30 *25*	0.28 *7*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
• 829.30 *10*	0.486 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
829.3 *2*	0.36 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
829.35 *18*		^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
829.37 *8*	0.018 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
829.4 *3*	0.0070 *18*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
829.420	21.90 *11*	^{26}Si(2.234 s)	1622.26(2.73), 1843.26(0.258), 416.848(>0.08)
829.42 *15*	1.01 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
829.49 *3*	0.403 *10*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 829.49 *3*	5.1 *4*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
829.5 *4*	0.31 *8*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
829.5 *5*	0.50 *13*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
829.6 *2*	†0.30 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
829.7 *4*	†1.3 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
829.7 *3*	0.55 *7*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
• 829.7 *1*	0.015 *6*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
829.79 *9*	0.239 *18*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
829.8 *3*	1.8 *4*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
829.88 *20*	0.068 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
829.9	0.057 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
829.93 *5*	0.00639 *23*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
829.93 *24*	0.30 *8*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
829.958 *7*	0.217 *21*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 829.958 *7*	6.71 *5*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
830.0 *2*	†15	^{120}Ag(0.32 s)	697.8(†51), 505.9(†51), 925.8(†36)
830 *20*	0.00093 *19*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
830.0	†2.2 *6*	^{155}Tm(21.6 s)	226.8(†100), 531.7(†20), 88.1(†17)
830.0	0.058 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
830.06 *9*		^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
830.06 *9*	10.2 *6*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
830.1 *1*	0.54 *5*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
830.16 *10*	1.50 *25*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
830.3 *1*	0.0050 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
• 830.3	0.008 *3*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
830.33 *9*	†43.2 *6*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 1242.59(†31.9)
830.4 *4*	0.117 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
830.4 *1*	†0.8 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
830.47 *20*	0.20 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
830.486 *6*	0.55 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
830.486 *6*	2.03 *10*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
830.49 *9*	0.68 *6*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
830.49 *9*	0.47 *17*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
• 830.53 *7*	0.0325 *25*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
• 830.577 *12*	9.82 *5*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
830.65 *10*	0.037 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
830.65 *18*	0.070 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
830.69 *8*	1.62 *10*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
830.7 *5*	0.040 *12*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
830.70 *20*	0.057	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
830.70 *79*	0.06 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
830.7 *5*	0.263 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
830.8 *2*	0.64 *8*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
830.8 *5*	0.34	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
830.8 *3*	0.20 *5*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
830.81 *14*	3.10 *21*	^{151}Tb(25 s)	379.39(5.9), 522.77(1.43), 504.4(0.48)
• 830.816 *21*	0.532 *12*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
830.9 *4*	0.052 *10*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
830.9 *3*	0.42 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
830.9 *4*	0.072 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
830.9 *3*	†11.1 *13*	^{233}Pu(20.9 m)	235.4(†100), 534.8(†90.2), 500.3(†38.6)
• 831.0 *10*	<0.015	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
831.0 *3*	†0.6 *2*	^{111}Rh(11 s)	275.4(†100.0), 411.8(†9.42), 230.0(†8.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
831.0 *15*	0.52 *13*	^{117}Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
831.0	0.6	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
• 831	0.00021	^{172}Er(49.3 h)	610.062(44.2), 407.338(42.1), 68.107(3.29)
831.02 *20*	0.081 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 831.07 *5*	0.040 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
831.1 *4*	0.063 *13*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
831.1 *10*	2.7 *7*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
831.1 *4*	0.35 *7*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
831.12 *13*	0.122 *12*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
831.19 *22*	2.15 *25*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
831.2 *10*		^{76}Zn(5.7 s)	281.7, 1030.6, 755.0
831.2 *3*	0.063 *14*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
831.2 *1*	0.0287 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
831.20 *20*	0.154 *24*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
831.24 *3*	0.0027 *8*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
831.26 *7*	1.30 *9*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
831.29 *19*	0.052 *7*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
• 831.294 *10*	0.0861 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
831.3 *5*	0.047 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
831.3 *3*	0.93 *15*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
831.3 *3*	†6	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
831.3 *5*	0.025 *10*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
831.3 *5*	0.10 *5*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
831.3 *2*	†7.8 *7*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
831.33 *6*	5.2 *3*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
831.35 *3*	5.49 *20*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
831.4 *1*	0.022 *3*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
831.48 *7*	0.051 *5*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
831.5 *2*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
831.5 *1*	4.12 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
831.54 *5*	100 *5*	^{128}In(0.72 s)	1168.80(100), 120.54(11.1), 321.22(10.5)
831.59 *15*	†75	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
• 831.62 *3*	0.2279 *19*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
831.62 *22*	7.7 *10*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
831.69 *5*	94 *4*	^{90}Rb(258 s)	1375.36(16.7), 3317.00(14.4), 2752.68(11.5)
831.69 *5*	28 *1*	^{90}Rb(158 s)	1060.70(6.69), 4365.90(5.6), 4135.51(4.70)
831.7	1.61 *8*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
831.7 *7*	†100 *7*	^{195}Bi(183 s)	807.6(†100), 776.2(†95), 134.4(†69)
• 831.72 *7*	0.068 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
831.80 *3*	2.26 *8*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
831.8 *2*	0.15 *5*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
831.86 *4*	0.0034	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
831.9 *20*	0.15 *6*	^{74}Kr(11.50 m)	89.65(31), 203.0(18.0), 296.67(9.9)
831.9 *7*	0.22 *4*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
831.9 *2*	†2.6 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
831.92 *25*	11.9 *5*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
831.92 *25*	0.198 *16*	^{150}Eu(12.8 h)	333.971(4.0), 406.52(2.81), 1165.739(0.257)
• 831.92 *25*	0.067 *19*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
831.93 *6*	0.95 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 831.97 *10*	1.26 *6*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
832 *2*	2.0 *8*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
832.0 *3*	0.00099 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
832 *1*	0.7	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
832.0 *7*	0.43 *7*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
832.00 *10*	0.36 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
• 832.00 *10*	1.52×10^{-5} *25*	^{228}Th(1.9131 y)	84.373(1.266), 215.985(0.263), 131.613(0.1355)
832.0 *3*	0.0081	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
832.01 *3*	3.52 *5*	^{211}Pb(36.1 m)	404.853(3.78), 427.088(1.76), 766.51(0.617)
832.03 *6*	0.427 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
832.08 *20*	1.2 *2*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
832.09 *5*	0.023 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
832.1 *7*	0.68 *8*	^{98}Rh(8.7 m)	652.43(94), 745.36(5.3), 1817.0(4.7)
832.1 *2*	0.038 *13*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
832.2	†6	^{99}Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
832.2 *3*	0.014 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
832.2 *1*	6.0 *5*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
832.2 *1*	2.6 *9*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
• 832.2 *2*	2.96×10^{-8} *23*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
832.29 *4*	13.5 *5*	^{99}Ag(124 s)	264.41(65), 805.07(12.5), 815.63(6.8)
832.3	1.8	^{147}Ce(56.4 s)	268.80(7), 92.9(4.7), 374.23(3.5)
832.35 *20*	0.028 *11*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 832.36 *4*	0.0008 *3*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
832.40 *14*	7.3 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
832.4 *3*	0.41 *4*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
832.41 *24*	0.073 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
832.5 *2*	0.101 *22*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
832.57 *5*	100	^{96}Rh(9.90 m)	685.49(95.7), 631.71(74.5), 741.87(29.4)
832.57 *5*	39	^{96}Rh(1.51 m)	1098.51(8.9), 1692.2(7.0), 685.49(3.6)
832.6 *2*	0.42 *9*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
832.64 *10*	0.66 *5*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
832.64 *3*	3.00 *22*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
832.8 *3*	3.1 *4*	^{98}Pd(17.7 m)	112.0(58), 662.2(19.7), 106.75(13.9)
832.8 *3*	1.98 *25*	^{127}In(3.66 s)	252.3(38), 3074(2.85), 948.4(2.73)
832.8 *5*	0.143 *17*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 832.82 *14*	0.0244 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
832.88 *7*	0.0096 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 832.9 *5*	0.010 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
832.9 *4*	†0.38 *5*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
832.9 *4*	†1.6 *3*	^{198}Tl(1.87 h)	636.4(†202), 411.8044(†202), 587.2(†185)
833.0 *10*	0.008 *4*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
833 *1*	0.15 *4*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
833	†1.4 *3*	^{215}Bi(7.6 m)	293.54(†100), 271.23(†5.5), 517.63(†1.9)
833	0.0011	^{219}Rn(3.96 s)	271.23(10.8), 401.81(6.37), 130.59(0.119)
833.06 *10*	0.47 *7*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
833.09 *10*	0.055 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
833.14 *20*	>0.5	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
833.15 *14*	1.39 *8*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
833.24 *18*	0.41 *5*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
833.26 *15*	0.31 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
833.28 *5*	0.0454 *14*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
833.3 *3*	0.039 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
833.3	0.064 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
833.3 *1*	0.63 *4*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
833.4 *2*	†2.59 *21*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
• 833.40 *7*	0.0332 *25*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
833.4 *4*	0.19 *13*	^{153}Tm(1.48 s)	299.3(6), 765.5(1.92), 965.3(0.82)
833.4 *3*	0.04	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
833.4 *3*	2.46	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
833.4 *2*	1.01 *18*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
833.4 *3*	0.15 *5*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
833.50 *5*	0.16 *4*	^{66}Cu(5.088 m)	1039.30(7), 1333.00(0.0028), 1872.94(<0.0)
833.50 *5*	5.89 *6*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 2189.85(5.60)
833.5 *1*	0.08	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
833.5 *2*	†28	^{256}Es(7.6 h)	861.8(†100), 231.1(†61), 172.6(†49)
833.563 *20*	10.8 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
833.6 *4*	0.88 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
833.60 *4*	1.78 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 833.60 *4*	5.0 *3*	^{246}Bk(1.80 d)	798.80(61), 1081.40(5.8), 1124.29(4.4)
833.61 *15*	0.284 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
833.7 *10*	1.5 *3*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
833.7 *3*	†1.9 *2*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
833.73 *19*	†0.57 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
833.79 *22*	0.18 *4*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
833.8 *1*	8.4 *7*	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
833.8	0.17 *4*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
833.83 *10*	0.18 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
833.9 *2*	2.21 *11*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
833.9 *1*	0.00141 *15*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
833.96 *4*	0.511 *19*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
834		^{41}Cl(38.4 s)	1353, 515, 1354.0
834.0 *1*	0.73 *5*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
834.01 *2*	96	^{72}Ga(14.10 h)	2201.69(25.9), 629.95(24.8), 2507.82(12.78)
• 834.01 *2*	80	^{72}As(26.0 h)	629.95(7.92), 1463.95(1.107), 1050.73(0.984)
834.04 *5*	4.37 *23*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
834.09 *4*	>0.006	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
834.1 *10*	0.23 *11*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
834.10	9	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
834.1 *3*	99 *3*	^{104}In(1.8 m)	658.0(100), 878.1(29.4), 943.3(14.9)
834.10 *9*	>0.006	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
834.15 *4*	1.11 *11*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
834.2 *3*	0.48	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
834.2 *2*	0.27 *6*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
834.3 *2*	†1.7 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
834.3 *1*	0.14 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
834.3 *4*	†5.9 *16*	^{113}Ru(0.80 s)	263.2(†100), 211.7(†31.0), 337.5(†27.9)
834.3 *2*	0.4 *4*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
834.35 *21*	0.05	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
834.35 *21*	3.11	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
834.35 *20*	0.19 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
834.36 *30*	0.043	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
834.4 *2*	13.1 *5*	^{69}Cu(2.85 m)	1007.5(23.4), 531.2(6.0), 1429.8(3.42)
834.4 *3*	0.069 *10*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
834.40 *20*	0.112 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 834.45 *10*	0.100 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
834.5 *12*	0.021 *5*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
• 834.5 *4*	0.029	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
834.5 *7*	†4.1 *4*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
834.6 *5*	0.28 *8*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
834.6 *4*	0.10 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
834.6 *2*	0.11 *3*	^{241}Np(13.9 m)	174.94(3.1), 132.99(0.86), 518.8(0.40)
834.6 *2*		^{241}Np(13.9 m)	174.94(3.1), 132.99(0.86), 518.8(0.40)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 834.7 *3*	0.129 *14*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
834.7 *3*	0.2 *1*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
834.7 *5*	0.07 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
834.7 *1*	0.46 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
834.74 *6*	0.812 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
834.77 *15*	0.427 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
834.8	0.28	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
834.8 *4*	0.0020 *7*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
834.8 *4*	0.082 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
834.8 *4*	1.53 *13*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)
834.8 *3*	0.17 *6*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
834.830 *3*	12.98 *14*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
834.848 *3*	97.1 *7*	^{54}V(49.8 s)	989.01(80.1), 2259.35(45.6), 3170(11.5)
• 834.848 *3*	99.976 *1*	^{54}Mn(312.3 d)	
834.85 *9*	0.21 *5*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
834.89 *5*	1.65 *9*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
834.9 *4*	0.17 *7*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
834.90 *4*	0.109 *17*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
834.99 *71*	0.54 *16*	^{174}W(31 m)	35.42(14.1), 428.83(12.7), 328.68(9.5)
835.0 *4*		^{130}Pr(40.0 s)	951.9, 499.0, 1405
835.0 *1*	0.024 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
835.0 *3*	0.00089 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
835.0 *2*	0.18 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
835.0 *4*	0.009 *3*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
835.0 *2*	2.89 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
835.09 *31*	0.22 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
835.1 *4*	0.70 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
• 835.149 *5*	†>0.047	^{95}Nb(86.6 h)	204.117(†4290), 582.082(†101), 786.198(†29)
• 835.149 *5*	26.63 *19*	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 786.198(8.66)
835.16 *3*	0.253 *9*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
835.16 *20*	0.19 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
835.2 *5*	0.017 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
835.2 *10*	0.61 *21*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
835.2 *8*	†16.0 *24*	^{195}Pb(15 m)	883.1(†100), 393.7(†42), 871.0(†36)
835.3 *7*	0.21 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
835.30 *10*	†2.24×10^3 *24*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
• 835.38 *12*	0.103 *4*	^{137}Ce(34.4 h)	824.82(0.44), 169.26(0.44), 762.3(0.192)
835.4 *4*	0.058 *9*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
835.4 *1*	0.0025 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
• 835.42 *3*	1.02 *4*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
835.48 *5*	13.7 *13*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
835.49 *14*	0.159 *24*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
835.5 *5*	0.23 *10*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
835.5 *3*	7.0 *17*	^{152}Ho(161.8 s)	613.8(73), 613.8(14), 1098.0(12)
835.5 *1*	0.021 *3*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
835.5 *3*	1.30 *13*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
835.53 *10*	1.11 *8*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 835.55 *11*	0.00108 *9*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
835.6 *3*	0.079 *18*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
835.6 *2*	†6.87 *21*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
• 835.6 *10*	†2.1×10^3	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
835.7 *4*	1.6 *3*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
835.70 *5*	4.8 *6*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
835.7 *10*	4.4 *6*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
835.7 *4*	0.87 *12*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
835.7 *2*	0.268 *17*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
835.7 *1*	0.68 *3*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
835.7 *3*	0.022 *9*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 835.7 *3*	0.08 *3*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
835.710 *6*	1.68 *11*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
835.710 *6*	2.84 *14*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
835.76 *10*	1.03 *8*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
835.8 *4*	1 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
835.8 *1*	†24 *2*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
• 835.85 *7*	0.131 *8*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
835.9 *5*	0.16 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
• 835.9 *2*	0.097 *8*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
835.92 *18*	0.33 *4*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
835.95 *18*	†2.4 *5*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
835.99 *5*	0.46 *5*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
836.0 *7*	0.17 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
836 *1*	0.02 *1*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
836.00 *8*	0.084 *8*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
836.03 *9*	0.140 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
836.1 *4*	0.54 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
836.1 *10*	†1.8	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
836.16 *14*	0.46 *11*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
836.2 *1*	†182 *18*	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1827.2(†1410)
836.20 *20*	0.138 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
836.2 *2*	0.24 *7*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
836.2 *3*	1.02 *6*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
• 836.2		^{185}Os(93.6 d)	646.116(78.0), 874.813(6.29), 880.523(5.17)
836.23 *14*	0.013 *4*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
836.3 *1*	†18.4 *18*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
836.30 *30*	0.023 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
836.3 *5*	0.44 *9*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
836.3 *1*	0.56 *5*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
836.3 *2*	†6.8 *6*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
836.37 *6*	0.769 *20*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
836.4 *2*	0.38 *7*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
836.4 *3*	0.142 *14*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
836.4 *3*	0.09	^{227}Ra(42.2 m)	27.36(16), 300.07(4.6), 302.65(4.3)
836.47 *3*	2.08 *11*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
836.5 *10*	0.015 *3*	^{107}Rh(21.7 m)	302.77(66), 392.47(8.8), 312.21(4.8)
836.5		^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
836.51 *10*	0.36 *6*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
836.52 *9*	13 *3*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
• 836.52 *7*	0.081 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 836.58 *3*	0.307 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
836.6 *2*	1.32 *18*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
836.7 *5*	0.68 *14*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
836.7 *1*	1.8	^{137}Pr(1.28 h)	433.9(1.28), 514.0(1.08), 160.32(0.97)
836.7 *3*	4.5 *3*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
836.7		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
836.79 *7*	2.79 *20*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
836.79 *6*	19.2 *11*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
836.8 *3*	0.26 *5*	^{98}Pd(17.7 m)	112.0(58), 662.2(19.7), 106.75(13.9)
836.8 *6*	0.98 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
836.8 *1*	†1.80 *18*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
836.804 *16*	6.73 *9*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
836.84	0.104 *3*	^{25}Na(59.1 s)	974.72(14.95), 585.03(13.00), 389.70(12.68)
836.88 *7*	11.1 *4*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
836.9 *1*	87.10 *4*	^{94}Rb(2.702 s)	1309.1(87), 1577.5(31.8), 1089.4(17.1)
836.9 *1*	2.9	^{95}Rb(377.5 ms)	1089.4(0.14), 1309.1(0.12), 845(0.12)
836.9 *5*	1.5	^{200}Bi(36.4 m)	1026.5(100), 462.34(98), 419.70(91)
836.90 *7*	9.8 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 1340.70(4.8)
837.0 *5*	0.008 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
837.0 *2*	0.114 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
837.0	0.070 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
837	0.015	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
837.03 *25*	0.00080 *3*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
837.10 *20*	0.00050 *8*	^{123}I(13.27 h)	158.97(83), 528.96(1.39), 440.02(0.428)
837.1 *2*	3.59 *12*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
837.1 *1*	0.517 *25*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
837.1 *3*	0.30 *5*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
• 837.11 *15*	0.028 *2*	^{238}Np(2.117 d)	984.45(27.8), 1028.54(20.3), 1025.87(9.6)
837.11 *15*	0.0036	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
• 837.11 *15*	1.9×10^{-7} *8*	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
837.2 *8*	4.8 *4*	^{74}Zn(96 s)	56.7(70), 49.4(33.4), 143.5(21.7)
837.2		^{130}Pr(40.0 s)	951.9, 499.0, 1405
• 837.2 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 837.24 *9*	0.100 *7*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
837.3 *3*	0.0102 *18*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 837.3 *3*	†0.0252 *24*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
837.3 *4*	0.40 *6*	^{231}Np(48.8 m)	370.9(10), 348.4(3.63), 263.8(2.84)
• 837.3 *2*	1.9×10^{-8} *4*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
837.4 *2*	†1	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
837.40 *3*	0.031 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
837.4	0.15	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
837.4 *5*	†1.0 *3*	^{180}Au(8.1 s)	153.3(†100), 524.3(†29), 257.6(†26)
837.5 *2*	0.154 *16*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
837.5 *8*	0.27 *14*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
837.5 *5*	0.13 *5*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
837.5 *4*	0.012 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
837.5 *5*	†0.9 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
837.57 *8*	2.75 *16*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
837.6 *7*	0.39 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
837.6 *4*	0.15 *4*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
837.6 *3*	†7.0 *15*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
837.6	†7.0 *15*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
837.6 *2*	0.008 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 837.646 *23*	0.486 *14*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
837.7 *3*	0.019 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
837.8 *1*	1.14 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
837.8 *2*	0.27 *3*	^{235}Th(7.1 m)	417.0(2), 727.2(0.87), 696.1(0.64)
837.85 *19*	0.116 *16*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
837.86 *11*	0.043 *8*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
837.9 *5*	0.20 *7*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
837.9 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
837.94 *13*	0.060 *20*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
838.0		^{41}Cl(38.4 s)	1353, 834, 515
• 838 *1*	0.009 *9*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
838.0 *2*	10 *3*	^{152}Ho(161.8 s)	613.8(73), 613.8(14), 1098.0(12)
838.0 *5*	†1.00 *15*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
838 *1*		^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
838.01 *15*	2.5 *3*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
838.1 *5*	0.6 *3*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
838.1 *2*	0.145 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
838.1 *2*	0.071 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
838.2	0.10	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
838.22 *18*	25 *3*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
838.3 *10*	0.05 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
838.38 *19*	†11.5 *15*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
838.4 *2*	0.11 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
838.4 *3*	0.0093 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
• 838.40 *8*	0.058 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
838.47 *8*	2.08 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
838.48 *5*	0.129 *7*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
838.6 *1*	0.78 *8*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
838.6 *3*	0.30 *10*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
838.6 *10*	1.3 *5*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
838.6 *4*	0.08 *4*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 838.61 *4*	0.106 *7*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
838.625 *18*	3.84 *9*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
838.68 *10*	0.90 *7*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
838.7 *5*	0.050 *9*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
838.7 *3*	0.099 *23*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
838.7 *7*	†0.18 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
838.7 *5*	0.011 *6*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 838.7 *5*	0.026 *11*	^{230}Pa(17.4 d)	951.95(1.65), 918.48(8.2), 454.95(6.27)
838.8 *1*	0.30 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
838.8 *1*	†1.29 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
838.8 *2*	0.25 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
838.83 *20*	0.062 *10*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
838.9 *4*	0.83 *9*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
838.9	†6	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 685.4(†41)
838.9	†84.3	^{158}Ho(21.3 m)	406.14(†100), 1484.1(†66.2), 166.4(†55.4)
838.97 *10*	5.1 *6*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
839.0 *3*	†45	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
• 839.0 *2*	0.030 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
839		^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
839.0 *3*	0.35 *6*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
839 *2*	2.1	^{246}Am(39 m)	679.0(53), 205.0(36), 152.9(25)
839.03 *13*	†2.13 *15*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
839.03 *15*	0.63 *3*	^{214}Pb(26.8 m)	351.921(35.8), 295.213(18.5), 241.981(7.50)
839.1 *5*	0.33 *7*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
839.12 *10*	7.9 *4*	^{190}Re(3.1 m)	186.718(48.4), 557.972(28.2), 223.811(26.0)
839.12 *10*	0.181 *20*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
• 839.12 *10*	1.14 *5*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
839.2 *4*	0.46 *7*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
839.2 *3*	0.13 *6*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
839.21 *7*	0.071 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
839.25 *11*	0.070 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 839.3 *3*	0.0011 *5*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
• 839.30 *10*	0.703 *20*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
839.36 *4*	8.8	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
839.36 *4*	3.9	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
• 839.37 *4*	0.0165 *10*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
839.4 *4*	0.106 *23*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
839.49 *2*	100 *5*	^{130}Sb(6.3 m)	793.53(86), 182.36(41), 1018.01(30)
839.49 *2*	100 *5*	^{130}Sb(39.5 m)	793.53(100), 331.05(78), 182.36(65)
839.5 *5*	0.35 *7*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
839.5 *5*	0.49 *12*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
839.5 *10*	0.029 *8*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
839.5 *1*	0.031 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
839.6 *5*	0.30	^{86}Se(15.3 s)	2441.1(43.0), 2660.0(21.6), 48.3(15.4)
839.6		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
839.64 *35*		^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
839.7 *5*	5.3 *5*	^{98}Y(2.0 s)	1223.0(80), 620.505(63), 647.58(53)
839.7 *2*	6.5×10^{-5} *20*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
839.7 *2*	1.4 *3*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
839.7 *2*	†2.4 *7*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
839.7 *2*	24 *3*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
839.7 *10*	0.082 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
839.8 *3*	†0.326 *21*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
839.8 *3*	0.73 *18*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
839.8	0.14	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
839.8 *5*	0.034 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
839.9	>0.042	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
839.9 *1*	0.180 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 839.943 *20*	3.04 *5*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
840.0 *3*	0.33 *3*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
840 *40*	†30	^{243}Bk(4.5 h)	755(†100), 946(†80), 87.4
840.0 *2*	0.097 *9*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
840.02 *18*	0.28 *10*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
840.1 *3*	0.23 *4*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
840.1 *5*	0.45 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
840.13 *9*	12.0 *7*	^{97}Rh(30.7 m)	421.55(75), 878.80(9.0), 1053.70(1.47)
840.16 *15*	0.179 *24*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
840.2 *3*	1.38 *23*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
840.2 *3*	0.17 *5*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
840.2 *2*	†9.2 *10*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
840.2 *2*	0.0025 *2*	^{222}Ra(38.0 s)	324.22(2.77), 328.9(0.0043), 472.5(0.0040)
840.21 *4*	0.81 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
840.29 *10*	0.95 *8*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
840.3 *4*	0.33 *13*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
840.3 *1*	0.020 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
840.3 *3*	†13 *5*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
840.3 *3*	0.0045	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
840.377 *6*	0.94 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
840.377 *6*	1.06 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
840.4 *3*	1.2 *7*	^{122}In(10.8 s)	1140.55(100), 1001.58(98.4), 103.74(81)
840.4 *2*	0.50 *10*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
840.4 *1*	3.61 *12*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
840.40 *4*	0.64 *8*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
840.4 *5*	0.009 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
840.4 *5*	0.31 *4*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
840.5 *4*	0.19 *5*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
840.5 *4*	0.055 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
840.56 *20*	1.28 *14*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
840.63 *15*	†1.4 *3*	^{101}Nb(7.1 s)	276.10(†100), 157.466(†32), 13.5(†32)
840.7 *2*	>0.5	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
840.7 *2*	0.5	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
840.7 *5*	†<0.05	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
840.732	0.133 *3*	^{39}Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)
840.79 *34*	0.08 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
• 840.8 *3*	0.08 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
840.8 *3*	†1.2 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
840.8 *3*	0.34 *8*	^{160}Tm(74.5 s)	264.1(9), 125.8(6.5), 375.8(2.4)
840.85 *6*	0.26 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
840.9 *21*	2.9 *6*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
840.9 *7*	1.1 *4*	^{110}Rh(3.2 s)	373.80(54), 439.79(6.5), 796.83(5.3)
840.9 *5*	0.068 *19*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
• 840.9 *4*	0.0019 *9*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
840.9 *3*	0.23 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 840.94 *10*	0.0202 *11*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
840.989	0.524 *18*	^{33}Cl(2.511 s)	1967.12(0.458), 2867.59(0.440), 1472.410(0.0255)
841.0	0.046 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
841.0 *2*	0.27 *4*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
841.04 *2*	8.2 *3*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
841.07 *4*	0.84 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
841.07	0.18 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
841.1	†2.5	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 685.4(†41)
841.1 *12*	0.15 *7*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
841.1 *4*	0.11 *6*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
841.11 *10*	0.150 *17*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
841.2 *2*	0.20 *5*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
• 841.20 *3*	0.208 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 841.20 *3*	0.276 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
841.2 *4*	1.58 *18*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
841.2 *3*	0.85 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
841.211 *17*	0.79 *7*	^{61}Co(1.650 h)	67.412(85), 908.631(3.6)
841.211 *17*	0.214 *7*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
841.26 *9*	0.305 *15*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
841.27 *10*	0.27 *6*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
841.27 *10*	0.36 *6*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
841.28 *7*	†11.7 *8*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
• 841.28 *7*	0.186 *9*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
841.3 *2*	0.32 *5*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
841.3 *3*	0.073 *10*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
841.3 *5*	0.095 *25*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
841.34 *15*	0.213 *19*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
841.37 *14*	0.50 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
841.4 *1*	6.2 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
841.43 *6*	0.65 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
841.5 *10*	0.16 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
841.5 *2*	0.042 *10*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
841.5 *5*	†7	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
841.5 *3*	†2.4 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 841.5 *10*	†4.0×10^2 *10*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
841.508 *15*	5.0 *3*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
841.53 *3*	0.279 *10*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
841.53 *3*	0.98 *8*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
841.586 *8*	2.17 *12*	^{152}Pm(4.1 m)	121.7824(15.7), 961.06(1.92), 963.37(1.83)
• 841.586 *8*	0.1628 *21*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
841.586 *8*	14.6 *3*	^{152}Eu(9.274 h)	963.37(12.01), 121.7824(7.21), 1389.00(0.770)
841.59 *16*	†0.38 *3*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
841.6 *1*	0.058 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
841.6 *4*	0.20 *6*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
841.6 *5*	1.06 *20*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
841.7 *5*	11	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 946.0(10.8)
841.79 *5*	3.87 *17*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
841.86 *4*	0.235 *8*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
841.9 *7*	0.23 *7*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
841.9 *4*	0.18 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
841.9 *4*	0.34 *7*	^{123}Cs(5.94 m)	97.3(23), 596.7(10.1), 83.3(4.1)
841.99 *2*	0.199 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
842.00 *9*	1.15 *11*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
842.0 *2*	0.37 *4*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
842.00 *20*	0.19 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
842.07 *7*	†84 *8*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
842.07 *7*		^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
842.15 *5*	0.079 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
842.18 *6*	1.27 *5*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
842.2 *3*	0.158 *25*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
842.2 *2*	0.58 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
842.2 *4*	0.061 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
842.2 *3*	0.0057 *9*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 842.2 *3*	†0.037 *4*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
842.21 *16*	0.082 *11*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
842.324 *4*	0.018 *4*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
842.36 *19*	1.08 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
842.4 *10*	0.066 *19*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
842.4 *10*	0.033 *23*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
842.4 *3*	†5.2×10^2 *14*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
842.4 *3*	†2.3 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
842.5 *1*	0.0202 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
842.5 *3*	0.73 *9*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
842.5 *3*	0.09 *9*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
842.5 *4*	0.45 *6*	^{162}Ho(67.0 m)	185.005(28.6), 1220.0(22.5), 282.864(11.3)
• 842.51 *25*	0.036 *7*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 842.51 *5*	0.022 *6*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
842.55 *12*	0.41 *5*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
842.6 *5*	0.021 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
842.6 *3*	†3.0 *15*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
842.7 *3*	0.039 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
842.7 *2*	0.36 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
842.7 *3*	0.59 *8*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
842.7 *6*	0.12 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
842.75 *13*	0.230 *13*	^{101}Tc(14.22 m)	306.85(88), 545.06(6.0), 127.23(2.86)
842.8 *15*	0.013 *3*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
842.8 *2*	0.11 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
842.847 *23*	0.052 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
842.9 *5*	0.20 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
842.9 *4*	5.7 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
842.99 *9*	†5.05 *21*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
842.99 *23*	0.83 *16*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
842.99 *16*	0.147 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
843.0 *8*	0.016 *5*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
843.0 *2*	1.90 *24*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
843.0 *2*	3.6 *7*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
843.0 *1*	†2.1 *4*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
843.17 *5*	0.208 *4*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
843.2 *3*	0.18 *5*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
843.2 *3*	†6 *1*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
843.2 *5*	0.6 *3*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
843.24 *5*	†9.3 *4*	^{82}Ge(4.60 s)	1091.90(†100), 248.84(†4.0), 951.8(†1.7)
843.4 *3*	2.4 *7*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
843.4 *1*	0.118 *10*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
843.5 *7*	0.064 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
843.57 *8*	0.29 *4*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
843.6 *5*	†0.68 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
843.7 *3*	†27.7 *22*	^{111}Ru(2.12 s)	303.8(†100), 211.7(†77.7), 382.0(†41.3)
843.7	0.20	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
843.74 *3*	71.8 *4*	^{27}Mg(9.458 m)	1014.42(28.0), 170.68(0.8)
843.74 *3*	0.0005	^{27}Si(4.16 s)	2211.0(0.180), 2981.82(0.026), 1014.42(0.0172)
843.78 *7*	0.026 *4*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
• 843.787 *8*	1.34×10^{-7} *7*	^{239}Pu(24110 y)	51.624(0.007100), 38.661(0.000500), 129.297(0.00631)
843.8 *2*	1.14 *11*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
843.8 *5*	0.40 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
843.8 *3*	0.80 *6*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
843.8 *3*	0.35 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
843.82 *10*	0.140 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
• 843.89 *10*	0.126 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
843.9 *1*	0.56 *3*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
844.0 *10*	3.7 *4*	^{89}Mo(2.04 m)	658.6(5.7), 1272.6(3.7), 1154.8(1.80)
844.0 *3*	2.2 *4*	^{128}Sb(10.4 m)	753.82(96.4), 743.22(96), 314.12(89)
844.0 *3*	0.25 *7*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
844.0 *4*	0.70 *13*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
844.02 *5*	12.0 *10*	^{116}Sb(60.3 m)	1293.54(100), 972.550(72), 542.872(52)
844.06 *5*	1.2 *3*	^{134}Te(41.8 m)	767.20(29.0), 210.465(22.3), 277.951(20.9)
844.06 *6*	2.38 *13*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
• 844.1 *7*	0.011 *3*	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
844.1 *1*	0.42 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
844.1 *8*	$\dagger1.08\times10^{3}$ *23*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
844.10 *4*	0.16	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
844.11 *12*	5.3 *6*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
844.12 *6*	0.56 *3*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
844.17 *15*	1.25 *8*	^{92}Y(3.54 h)	934.46(13.9), 1405.28(4.8), 561.03(2.40)
844.18 *11*	2.6 *3*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
844.19 *14*	0.28 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
844.2 *2*	0.11 *6*	^{163}Tb(19.5 m)	351.138(26), 389.734(24.3), 494.534(23)
844.36 *1*	3.31 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
844.4 *5*	0.041 *7*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
• 844.4 *5*	0.07 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
844.5 *3*	0.17	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
844.6 *3*	1.0 *3*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
844.66 *4*	1.39 *11*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
844.670 *10*	3.24 *10*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
844.69 *13*	0.084 *19*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
844.7 *6*	0.52 *10*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
844.7 *1*	†4.5	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
844.8 *2*	0.6	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
844.8 *4*	22.3 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 585.02(7.97)
• 844.81 *5*	0.0342 *19*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
844.85 *12*	0.00025 *14*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
• 844.89 *13*	0.046 *5*	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
844.9 *3*	1.19 *13*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
844.90 *20*	0.020 *10*	^{93}Mo(6.85 h)	949.82(0.120), 689.07(0.070), 541.32(0.060)
• 844.9 *2*	0.20 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
845	0.12	^{95}Rb(377.5 ms)	836.9(2.9), 1089.4(0.14), 1309.1(0.12)
845 *1*	5.7 *9*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
845 *1*		^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
845 *2*	0.070 *23*	^{193}Au(17.65 h)	186.17(10.1), 255.57(6.7), 268.22(3.9)
845.03 *3*	0.0069 *4*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 845.03 *3*	0.173 *18*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
845.044 *20*	19.7 *9*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
845.06 *3*	0.130 *13*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
845.09 *14*	0.24 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
845.1 *5*	0.60 *20*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
• 845.1 *5*	0.14 *6*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
845.12 *18*	0.084 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
845.2	2.77 *8*	^{43}Ti(509 ms)	2288.2(4.40), 2458.5(0.91), 1408.0(0.554)
845.2 *3*	0.074 *18*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
845.2 *8*	0.35 *3*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
845.3 *2*	†1.54 *21*	^{194}Bi(92 s)	965.4(†100.0), 575.1(†98.0), 280.1(†73.7)
845.4 *10*	0.30 *5*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
845.4 *10*	0.025 *3*	^{107}Rh(21.7 m)	302.77(66), 392.47(8.8), 312.21(4.8)
845.4 *5*	0.0092 *13*	^{152}Eu(9.274 h)	344.281(2.44), 1314.67(0.956), 970.38(0.604)
845.4 *4*	0.0012 *6*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
845.43 *4*	7.34 *20*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 2558.1(3.92)
845.46 *39*	0.17 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
845.46 *10*	2.01 *10*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
• 845.46 *2*	0.591 *4*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
845.46 *2*	0.254 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
845.5 *10*	0.075 *20*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
845.5 *4*	0.013 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
845.5 *2*	1.3 *2*	^{123}In(5.98 s)	1130.5(63), 1019.7(32), 618.8(2.6)
845.5 *2*	0.25 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
• 845.57 *10*	0.040 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
• 845.65 *4*	0.357 *19*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
845.7 *2*	23	^{199}Po(5.48 m)	246.0(28), 206.7(5.1), 545.8(4.6)
845.78 *7*	0.048 *5*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
845.8 *8*	0.15 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
845.8 *4*	2.5 *3*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
845.88 *5*	0.301 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
845.91 *12*	0.63 *7*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
846.0 *3*	0.0019 *11*	^{117}In(116.2 m)	158.562(16), 861.35(0.019), 1020.6(0.0068)
846.0 *3*	0.052 *17*	^{117}Sb(2.80 h)	158.562(86), 861.35(0.31), 1004.51(0.21)
846.0 *3*	0.32 *7*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
846.0 *5*	>0.28	^{180}Ir(1.5 m)	276.4(56), 132.2(38.1), 699.0(13.4)
846.0 *5*	0.51 *16*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
846 *2*		^{186}Pt(2.0 h)	276.7(0), 611.5(6.0), 635.6(>3.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
846.1 *2*	0.0133 *25*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
846.1 *2*	0.45 *12*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
846.1 *2*	0.052 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
846.183 *15*	0.472 *15*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
846.2 *2*	1.52 *8*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 846.242 *11*	0.0692 *24*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
846.4 *5*	†70 *14*	^{190}Bi(6.3 s)	773.8(†100), 455.0(†94), 506.2(†92)
846.4 *5*	†13.9 *16*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
846.43 *8*	0.11 *3*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
846.45 *4*	0.038	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
846.5 *3*	7.8 *5*	^{72}Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
846.5 *5*	0.45 *6*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)
846.5 *2*	0.23	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
846.511 *18*	1.11 *4*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
846.55 *8*	0.202 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
846.57 *12*	0.154 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
• 846.6 *4*	0.0024 *12*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
846.6 *5*	†27 *4*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
846.6 *5*	†27 *4*	^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
846.6	0.064 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
846.6 *3*	0.95 *9*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
846.6 *1*	†14.3 *20*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
846.7 *4*	0.11 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
846.7 *3*	0.15 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
846.7 *2*	3.8 *3*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
846.7 *5*	0.057 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 846.7 *5*	†0.0093 *19*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
846.7 *3*	>0.05	^{227}Ra(42.2 m)	27.36(16), 300.07(4.6), 302.65(4.3)
846.7 *2*	†10	^{256}Es(7.6 h)	861.8(†100), 231.1(†61), 172.6(†49)
• 846.740 *8*	0.0321 *9*	^{129}Cs(32.06 h)	371.918(30.60), 411.490(22.31), 548.945(3.40)
846.771 *5*	98.9 *3*	^{56}Mn(2.5785 h)	1810.772(27.2), 2113.123(14.3), 2522.88(0.99)
• 846.771 *5*	100	^{56}Co(77.27 d)	1238.282(67.6), 2598.459(17.28), 1771.351(15.69)
846.78 *15*	0.033 *11*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
846.8 *2*	0.49 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
846.8 *5*	0.103 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
846.8 *7*	0.0014	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
846.90 *14*	0.98 *6*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
846.90 *20*	0.028 *5*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
846.9 *2*	0.52 *7*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
846.9 *2*	1.19 *12*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
• 846.9 *6*	0.054 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
847.0 *1*	1.12 *22*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
847.025 *25*	95.4 *19*	^{134}I(52.6 m)	884.090(64.9), 1072.547(15.0), 595.362(11.2)
847.025 *25*	†3.6 *19*	^{134}I(3.69 m)	884.090(†3.6), 234.3(†2.5)
• 847.025 *25*	0.00030 *10*	^{134}Cs(2.062 y)	
847.1 *3*	0.20 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
847.1 *2*	0.126 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
847.1	0.08	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
847.1 *5*	0.7 *5*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
847.1 *5*	0.51 *17*	^{237}Pa(8.7 m)	853.6(34), 865.1(15.5), 529.26(14.9)
847.12 *6*	0.098 *13*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
847.14 *10*	†2.74 *21*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
847.15 *5*	3.53 *20*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
847.16 *17*	0.090 *7*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
847.16 *5*	0.95 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
847.2 *4*	0.017 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
847.2 *3*	0.65 *8*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
847.27 *25*	0.085 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
847.270 *20*	2.0	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
847.270 *20*	1.6	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 847.270 *20*	1.6 *5*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
847.3 *2*	0.40	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
847.3 *1*	0.54 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
847.3 *3*	0.085 *18*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
847.3 *1*	†34 *4*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
847.3 *4*	8	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
847.325 *11*	0.028 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
847.37 *9*		^{102}Nb(1.3 s)	948.85, 397.69, 551.54
847.37 *9*	18.6 *20*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
847.4 *4*	7.2 *14*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
• 847.4 *1*	0.027 *3*	^{177}Ta(56.56 h)	112.9498(7.2), 208.3664(0.94), 1057.8(0.29)
847.4 *3*	†2.4 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 847.40 *20*	0.022 *6*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
• 847.4 *5*	†2.7×10^3 *3*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
847.45 *12*	0.258 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
847.5 *12*	0.021 *5*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
847.5 *3*	0.74 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
847.5 *3*	0.32 *14*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
847.55 *17*	0.30 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
847.6 *4*	0.069 *20*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
847.6 *4*	>0.13	^{108}Sn(10.30 m)	396.44(64.3), 272.75(45.5), 669.08(22.6)
847.6 *7*	0.19 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
847.687 *22*	1.14 *6*	^{96}Nb(23.35 h)	778.224(96.45), 568.80(58.0), 459.88(26.62)
• 847.687 *22*	0.019	^{96}Tc(4.28 d)	778.224(100), 849.929(98), 812.581(82)
847.687 *22*	0.116 *9*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
847.69 *39*	0.08 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
847.7 *7*	1.78 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
847.70 *3*		^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
847.9 *5*	0.017 *5*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
• 847.9 *7*	0.023 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
847.914 *19*	0.041 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
847.93 *5*	5.3 *3*	^{107}Ru(3.75 m)	194.05(9.9), 462.61(3.66), 374.28(3.0)
• 848.0 *2*	2.8 *6*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
848.0 *3*	0.40 *8*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
848.0	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
848 *1*	1.0 *3*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
848.1 *5*	0.014	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
848.13 *25*	0.25 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 848.18 *5*	†3.35 *4*	^{52}Mn(5.591 d)	1434.068(†100.0), 935.538(†94.9), 744.233(†90.6)
848.2		^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
848.2	0.6	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
848.2 *4*	0.092 *10*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
848.237 *17*	0.0724 *16*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
• 848.24 *5*	0.026 *4*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
848.26 *23*	0.24 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
848.3 *4*	1.2 *4*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
848.3 *10*	0.48	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
848.3 *5*	0.090 *13*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
848.31 *19*	0.13 *4*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
848.4 *2*	1.2 *7*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
848.4 *3*	0.0085 *17*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
848.4 *4*	0.10 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
848.42 *25*	0.83 *10*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
• 848.44 *10*	0.230 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
848.5 *3*	0.109 *19*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
848.5 *7*	0.27 *7*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
848.58 *15*	0.66 *5*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
848.6 *4*	0.15 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
• 848.65 *7*	0.281 *20*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
848.66 *16*	2.9 *8*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
848.7 *2*	†2.0 *4*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
848.7 *3*	0.044 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
• 848.7 *5*	0.011 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
848.7 *2*	4.0 *3*	^{176}Re(5.3 m)	240.17(48), 109.08(25.0), 820(3.8)
• 848.7 *5*	†0.0037 *12*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
848.8	>0.013	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
• 848.85 *10*	0.144 *16*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
848.9 *5*	0.18 *5*	^{123}Cs(5.94 m)	97.3(23), 596.7(10.1), 83.3(4.1)
• 848.9 *2*	0.051 *15*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
848.9 *2*	0.027 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 848.93 *8*	0.0043 *8*	^{193}Os(30.5 h)	139.03(4.27), 460.50(3.95), 73.039(3.2)
848.95 *6*	0.62 *3*	^{137}Xe(3.818 m)	455.490(31), 1783.43(0.415), 1273.23(0.228)
848.98 *3*	0.178 *10*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
849.0 *3*	0.071 *18*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
849.1 *5*	0.079 *10*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
849.1 *4*	0.49 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
849.1 *4*	†14	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
849.10 *8*	0.0016	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
849.2 *3*	†0.61 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
849.3 *6*	†0.71 *25*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
849.3	0.05 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
849.3	0.13 *6*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
849.3 *7*	0.0047	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
849.38 *5*	0.035 *14*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
849.4 *2*	5.8 *3*	^{73}Br(3.4 m)	64.9(37.0), 336.0(10.4), 699.8(9.1)
849.4 *6*	1.04 *13*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
849.4 *3*	0.18 *4*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
849.4 *3*	†0.55 *5*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
849.49 *42*	0.05 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
849.49 *17*	†7	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
849.5 *7*		^{52}Co(18 ms)	1536.0
849.5 *2*	†3	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
849.5	0.46	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
849.6 *2*	1.48 *17*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
849.60 *10*	0.90 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
849.7 *3*	1.85 *18*	^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
849.7 *2*	0.0076 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
849.7 *3*	0.012 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
849.73 *20*	0.34 *3*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
849.73 *20*	2.00 *20*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
849.74 *7*	95.7 *18*	^{94}Tc(293 m)	871.082(100), 702.626(99.6), 916.10(7.6)
849.83 *7*	25.5 *15*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 836.79(19.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
849.9 *3*	†>35	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1827.2(†1410)
849.9 *5*	0.13 *3*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
849.926 *25*	0.0218 *18*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
849.929 *13*	20.45 *19*	^{96}Nb(23.35 h)	778.224(96.45), 568.80(58.0), 459.88(26.62)
• 849.929 *13*	98 *4*	^{96}Tc(4.28 d)	778.224(100), 812.581(82), 1126.965(15.2)
849.929 *13*	0.285 *15*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
850.00 *10*	2.00 *7*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
850.0 *1*	4.9 *3*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
• 850.05 *15*	0.0470 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 850.10 *10*	0.0014 *11*	^{97}Ru(2.9 d)	215.718(86), 324.48(10.79), 569.31(0.873)
850.1 *5*	†4.2 *21*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
850.14 *14*	†1.14 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
850.2 *6*	8.2 *17*	^{57}Cr(21.1 s)	83.16(8.3), 1752.1(5), 1535.0(4.9)
850.2 *2*	1.7 *6*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
• 850.2 *5*	0.21 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
850.20 *5*	†3.1×10^2	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
850.31 *14*	†1.12 *23*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
• 850.32 *4*	0.072 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
850.34 *5*	0.173 *10*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
850.38 *6*	0.18 *4*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
850.40 *10*	0.271 *9*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
850.40 *20*	3.6 *6*	^{102}Sr(69 ms)	243.80(53), 150.15(18.0), 93.89(13.4)
850.4 *2*	0.42 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
850.4	0.44 *10*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
850.43 *10*	0.024 *3*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
850.5 *3*	0.33 *10*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
850.5 *3*	0.26 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
850.50 *5*	4.76 *17*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
850.5 *1*	†21.3 *6*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
850.6 *2*	0.82 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
850.6 *6*	0.53 *11*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
• 850.64 *3*	0.244 *3*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
850.64 *3*	0.16 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
850.64 *3*	0.82 *6*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
• 850.647 *24*	0.065 *13*	^{88}Y(106.65 d)	1836.063(99.2), 898.042(93.7), 2734.086(0.71)
850.7 *1*	0.32 *9*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
850.7 *4*	0.198 *18*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
850.72 *8*	0.12 *4*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
850.8 *5*	†1.25 *21*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
850.8	0.17	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
850.8 *2*	†9.9 *8*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
850.89 *7*	3.4 *3*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
850.9 *5*	0.139 *16*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
850.9	†4.5	^{138}Eu(12.1 s)	346.6(†100), 544.2(†55), 685.4(†41)
851.0 *2*	3.3 *3*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
851.0 *5*	0.28 *9*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
851.0 *2*	0.12 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
851.10 *13*	1.03 *13*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
851.10 *13*	0.144 *14*	^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
851.1 *4*	0.07 *3*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
851.1 *4*	0.05 *3*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
851.1 *4*	0.38 *8*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
851.1 *3*	0.224 *22*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
• 851.13 *15*	0.038 *4*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
851.133 *19*	0.252 *6*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
851.19 *9*	4.7 *4*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
851.20 *29*	0.17 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 851.3 *2*	0.041 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
851.30 *17*	0.069 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
851.37 *7*	0.31 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
851.39 *6*	0.60 *3*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
851.4 *1*	2.37 *20*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
• 851.4 *5*	0.015 *7*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
• 851.45 *20*	0.081 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
851.474 *17*	4.56 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
851.5	†80	^{130}Ce(25 m)	1072.6(†100), 997.7(†100), 920.5(†100)
851.5 *1*	0.28 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
851.5 *1*	0.071 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
851.5 *7*	0.77 *17*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
851.6 *5*	0.70 *3*	^{231}Np(48.8 m)	370.9(10), 348.4(3.63), 263.8(2.84)
• 851.6 *10*	†3.8×10^3 *6*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
• 851.63 *7*	0.180 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
851.68 *2*	0.24 *4*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
851.7 *5*	0.11 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
851.7 *6*	1.8 *7*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
851.70 *10*	0.072 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
851.70 *10*	†6.2×10^3 *6*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 851.70 *10*	0.167 *10*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 851.70 *10*	1.25×10^{-6} *15*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
851.8 *4*	0.140 *23*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
851.8 *3*	0.85 *11*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
851.8	0.13 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
851.8 *3*	0.19 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
851.9 *4*	0.028 *9*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
• 851.96 *4*	0.267 *19*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
851.98 *10*	0.156 *19*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
852.0 *4*	0.10 *3*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
852.0 *3*	†0.3	^{111}Rh(11 s)	275.4(†100.0), 411.8(†9.42), 230.0(†8.9)
852.0 *3*	>0.18	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
852.0 *5*	0.8 *3*	^{145}Ho(2.4 s)	339.8(15), 312.9(14.3), 334.1(13.5)
852.02 *18*	0.22 *4*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
852.05 *10*	11 *2*	^{80}Y(35 s)	385.86(100), 595.06(39), 1185.20(20)
852.1 *4*	0.20 *6*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
852.1 *4*	0.44 *5*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
852.2 *2*	0.019 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
852.2 *1*	0.88 *7*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
852.21 *3*	0.044 *5*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
• 852.21 *3*	27.0 *6*	^{131}Te(30 h)	773.67(49.9), 793.75(18.10), 1125.46(14.9)
• 852.21 *3*	0.51 *25*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
852.24 *4*	3.03 *17*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
852.26 *10*	0.40 *4*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
852.3 *5*	0.48 *7*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
852.30 *20*	0.31 *6*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
• 852.3 *5*	0.039 *10*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
852.3 *6*	0.12 *9*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
852.36 *6*	0.057 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
852.40 *50*	0.052	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
852.4 *2*	0.159 *24*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
852.4 *3*	†2.5 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
852.46 *16*	0.245 *22*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
852.5 *5*	0.158 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
852.57 *7*	2.28 *14*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
852.58 *13*	0.79 *4*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
• 852.60 *2*	0.0209 *6*	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
852.6 *3*	0.71 *7*	^{130}Sn(3.72 m)	192.5(70), 779.8(59), 70.0(35.5)
852.6 *1*	†24 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
852.66 *12*	0.094 *7*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
852.66 *1*	1.38 *5*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
852.7 *2*	0.097 *12*	^{65}Ni(2.5172 h)	1481.84(24), 1115.546(15.43), 366.27(4.81)
852.7 *1*	0.28 *4*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
852.7 *4*	6.1 *3*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 1141.26(5.3)
• 852.78 *5*	0.050 *3*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
• 852.8 *10*	0.0022 *14*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
852.8 *7*	0.14 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
852.8 *1*		^{152}Pm(13.8 m)	229.9, 200.6, 63.51
852.8 *1*	0.57 *11*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
852.8 *6*	1.05 *10*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
852.86 *4*	0.330 *23*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 852.89 *4*	0.072 *5*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
852.9 *3*	0.054 *15*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
852.9 *5*	0.31 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
852.91 *22*	†1.4 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
852.94 *10*	0.439 *18*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
852.96 *8*	0.60 *5*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
853.0 *5*	0.14 *3*	^{76}Kr(14.8 h)	315.7(39), 270.2(21.1), 45.48(19.5)
853.0 *3*	0.0031 *7*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
853	0.031 *16*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
853 *1*	0.12	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
853	†1.3	^{149}Tb(4.16 m)	795.9(†111), 651(†37), 164.98(†8.3)
853.0 *5*	0.40 *7*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
853.0 *2*	11.2 *13*	^{169}Ho(4.7 m)	788.4(21.2), 760.8(10), 778.4(10.1)
853.0 *4*	0.14 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
853.03 *15*	0.0047 *19*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
853.05 *20*	0.088 *9*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
• 853.05 *10*	0.27 *3*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
• 853.051 *20*	2.55 *3*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
853.08 *8*	0.0740 *19*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
853.1 *3*	0.084 *18*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
853.1 *1*	2.42 *20*	^{142}Tb(597 ms)	515.0(25), 465.0(2.7), 1399.2(2.39)
853.1 *5*	0.11	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
853.1 *5*	<0.74	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
853.17 *10*	0.233 *13*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
853.17 *10*	0.0122 *19*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
853.17 *10*	>0.06	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
853.2 *5*	1.05 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
853.3 *5*	†0.32 *11*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
853.30 *12*	0.24 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
853.3	<0.13	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
853.40 *7*	4.8 *6*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
853.4 *3*	0.33 *4*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
853.4 *1*	2.3 *5*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
853.4 *1*	4.60 *23*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
853.43 *1*	15.45 *22*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
853.462 *11*	0.321 *12*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
853.473 *6*	0.064 *6*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 853.473 *6*	0.0330 *16*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
853.5 *3*	0.029 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
853.53 *15*	†11.1 *22*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
• 853.568 *22*	0.161 *7*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
853.6 *6*	0.05 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
853.6 *2*	0.088 *8*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
853.6	0.45	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
• 853.6 *4*	0.00104 *8*	^{191}Pt(2.9 d)	538.90(13.7), 409.44(8.0), 359.90(6.0)
853.6 *2*	34	^{237}Pa(8.7 m)	865.1(15.5), 529.26(14.9), 540.61(9.3)
853.70 *6*	2.8 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
853.73 *9*	0.52 *5*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
853.8 *3*	0.05 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
853.8 *6*	†0.45 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
853.8 *2*	0.32 *5*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
853.8 *2*	†100.0	^{192}Bi(37 s)	501.8(†80), 504.3(†39), 565.4(†36)
• 853.83 *10*	0.129 *5*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
853.83 *5*	0.096 *5*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
853.9 *3*	0.060 *6*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
853.90 *20*	0.31 *5*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
854 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
854.0 *5*	0.06 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
854.01 *4*	1.843 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
854.1 *2*	†4.6 *9*	^{101}Nb(7.1 s)	276.10(†100), 157.466(†32), 13.5(†32)
854.1 *2*	0.76 *5*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
854.1 *20*	0.034 *5*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
854.1	0.57 *11*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
854.2 *9*	0.06 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
854.24 *23*	0.18 *6*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
854.28 *20*	0.068 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
854.3 *2*	1.32 *9*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
• 854.3 *5*	†0.0044 *9*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
854.4 *2*	†50 *2*	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
854.4 *2*	†0.50 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
854.4 *5*	†23.1 *20*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
854.4 *2*	0.58 *4*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
854.45 *20*	0.30 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
854.5 *3*	0.56 *4*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
854.5 *3*	0.5	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
854.6 *2*	3.3 *4*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
854.6 *3*	0.18	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
• 854.6 *3*	0.034 *8*	^{252}Es(471.7 d)	785.09(18.3), 139.03(13.9), 924.12(2.41)
854.69 *11*	1.33 *9*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
854.7 *5*	†8	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
854.7 *5*	12.1 *15*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
• 854.7	†2.0×10^3 *4*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
854.74	0.0044 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
854.78 *8*	0.051 *4*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
854.8 *5*	†1.1 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
854.80 *25*	0.20 *8*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
854.82 *18*	0.00242 *21*	^{159}Gd(18.479 h)	363.55(11.4), 58.00(2.15), 348.16(0.234)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
854.89 *8*	0.356 *22*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
854.9 *2*	1.14 *23*	^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
854.96 *17*	†2.1 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
854.99 *10*	0.035 *5*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
855.0 *4*	0.66 *6*	^{58}Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
855.00 *2*	0.0188 *6*	^{135}La(19.5 h)	480.51(1.5), 874.51(0.164), 587.83(0.1108)
855 *15*	†20	^{189}W(11.5 m)	258(†100), 417(†96), 550(†28)
855.11 *8*	†66 *6*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
855.11 *8*	0.78 *6*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
• 855.15 *15*	0.96 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
855.2 *4*	0.099 *18*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
855.2 *4*	0.20 *10*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 855.24 *10*	0.276 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
855.255 *22*	0.22 *6*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
855.4 *7*	0.16 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
855.4 *3*	†8	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
855.41 *14*	†14.5 *15*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 787.15(†13.5)
855.5 *5*	0.16 *6*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
• 855.5 *13*	0.10 *4*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
• 855.53 *14*	0.0428 *9*	^{97}Ru(2.9 d)	215.718(86), 324.48(10.79), 569.31(0.873)
855.6 *5*	0.00038	^{62}Cu(9.74 m)	1172.9(0.34), 875.68(0.150), 2301.8(0.0414)
855.6 *5*	0.023 *9*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
855.6 *6*	0.27 *7*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
855.7 *6*	2.2 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
855.7 *4*	1.6 *3*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
855.7	0.08	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
855.76 *5*	4.9 *3*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
855.8 *2*	0.173 *16*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
855.8 *2*	0.10	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
855.8 *3*	0.18 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
855.8 *7*	1.37 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
855.84 *10*	1.30 *7*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
855.88 *6*	0.717 *22*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
855.88 *8*	0.023 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
855.92 *22*	0.141 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
855.94 *7*	0.072 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
855.94 *10*	0.30 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
856.0 *3*	0.83 *10*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
856 *1*	0.42 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
856.00 *20*	0.100 *9*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
856.0 *2*	†0.36 *11*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
856.06 *15*	1.60 *13*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
856.08 *3*	0.131 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
• 856.08 *3*	0.81 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
856.1 *5*	0.13 *3*	^{49}Ca(8.715 m)	3084.4(92), 4071.9(7.0), 1408.9(0.63)
• 856.2 *3*	0.0065 *11*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
856.2 *3*	0.098 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 856.240 *10*	0.0022 *1*	^{115}Cd(53.46 h)	336.240(45.9), 527.900(27.45), 492.3(8.03)
856.278 *12*	1.24 *4*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
856.3 *3*	0.40 *16*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
856.3	0.023 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
856.4 *3*	0.018 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
856.4 *4*	0.096 *13*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
856.4 *2*	0.71 *8*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
856.41 *8*	0.099 *15*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
856.5 *4*	9.2×10^{-5} *17*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
856.5 *3*	0.73 *12*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
856.7 *1*	0.117 *4*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
856.7 *3*	0.037 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
856.71 *18*	0.13 *4*	^{162}Yb(18.87 m)	163.35(40.0), 118.70(33.6), 576.10(3.24)
856.72 *15*	0.98 *11*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
• 856.80 *2*	17.6 *9*	^{126}Sb(12.46 d)	695.03(100), 666.331(100), 414.81(83.3)
856.9 *1*	1.07 *7*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
856.9 *3*	0.049 *7*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
• 856.9 *4*	0.020 *3*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 856.9 *2*	0.032 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
856.9 *1*	†1.64 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
856.9 *1*	0.77 *6*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
856.927 *12*	0.11 *3*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
• 856.929 *5*	2.70 *8*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
857.0 *3*	0.026 *7*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
• 857.0 *8*	0.0009 *9*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
857.0 *5*	0.008 *4*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
857.0 *3*	0.0042 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
857	†0.11 *1*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
857.0 *2*	>0.23	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
857.0 *40*	0.106 *24*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
857.0 *3*	0.087 *6*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
857.0 *5*	†0.11 *2*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
857.05 *10*	71	^{128}Cd(0.34 s)	247.92(75), 68.02(29), 925.0(9)
857.1 *4*	†2.0 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
857.12 *19*	0.0071 *8*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 857.15 *24*	0.035 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
857.18 *10*	2.05 *14*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
857.2 *2*	†23.4 *5*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 862.5(†19.0)
857.2 *2*	†15	^{136}Pm(47 s)	373.8(†100), 862.5(†28), 488.7(†22)
857.2 *2*	12.72 *19*	^{136}Pm(107 s)	373.8(15.0), 602.7(12.3), 814.7(30.9)
857.2 *15*	0.098 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
857.2	†69	^{176}Os(3.6 m)	1290.9(†100), 775.8(†98), 1209.2(†71)
857.2 *2*	†0.58 *12*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
857.21 *10*	3.68 *14*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
857.235 *6*	0.67 *4*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
• 857.235 *6*	0.162 *5*	^{184}Re(169 d)	252.848(10.7), 216.548(9.43), 920.932(8.14)
857.285 *30*	6.96 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
857.3 *5*	0.23 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
• 857.3 *5*	†0.0037 *12*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
857.37 *15*	0.287 *24*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
857.38 *8*	0.19 *4*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
857.4 *10*	>0.0017	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
857.40 *8*	†0.70 *6*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
857.44 *50*	0.09 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
857.48 *10*	0.489 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 857.48 *10*	0.003	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
• 857.48 *10*	5.4×10^{-6} *5*	^{244}Cm(18.10 y)	42.824(.0044100), 98.860(.0001470), 152.63(<4.9×10^{-7})
857.5 *2*	0.147 *24*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
• 857.58 *4*	0.183 *16*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
857.59 *13*	0.045 *7*	^{97}Nb(72.1 m)	658.08(98), 1024.49(1.09), 1268.68(0.148)
857.6 *5*	0.139 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
857.6 *3*	0.32 *9*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
857.6 *2*	0.28 *7*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
857.62 *10*	0.0307 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
• 857.636 *7*	0.137 *8*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 857.636 *7*	0.084 *11*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
857.66 *10*	0.14	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
857.7 *3*	3.2 *3*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
857.7 *4*	†1.5 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
857.7 *2*	0.036 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
857.8 *5*	0.13 *12*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
857.9 *1*	0.00071 *5*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
857.9 *1*	10.4 *14*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
857.9 *4*	0.54 *12*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
857.93 *11*	0.00208 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
858.0 *5*	0.04	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
858.0 *5*	0.35 *8*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
858.0 *5*	0.011 *4*	^{235}Pu(25.3 m)	49.10(2.36), 756.4(0.479), 34.23(0.23)
858.06 *4*	6.0 *4*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
858.1 *2*	0.035 *12*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
858.11 *6*	0.18 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
858.17 *10*	1.04 *13*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
858.2 *5*	1.7 *2*	^{72}Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
858.2 *2*	1.7 *5*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
858.2 *1*	†1.85 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
858.30 *15*	0.25 *3*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
858.3 *2*	0.117 *18*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
858.3	†>3.0	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
858.3 *3*	>0.00015	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 858.3 *3*	†0.146 *24*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
858.34 *9*	2.00 *6*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
• 858.36 *12*	0.205 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
858.4 *3*	0.013 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
858.4 *3*	0.70 *5*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
858.4 *3*	7.7 *22*	^{181}Lu(3.5 m)	652.5(22.0), 205.94(16.1), 574.9(15.4)
858.4 *3*	0.091 *13*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
858.43 *5*	1.64 *25*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
858.47 *7*	0.72 *5*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
858.496 *15*	0.385 *15*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
858.5 *16*	0.104 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
858.5 *5*	†2.5 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
858.5 *5*	0.0049	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
858.6	0.071 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
858.62 *9*	0.0079 *13*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
858.65 *17*	0.54 *4*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
858.68 *22*	0.26 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
858.70 *10*	3.21 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
858.7 *6*	>0.13	^{108}Sn(10.30 m)	396.44(64.3), 272.75(45.5), 669.08(22.6)
858.71 *28*	0.12 *3*	^{70}Se(41.1 m)	49.51(35.8), 426.15(29), 376.65(9.43)
858.72 *6*	0.357 *24*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
858.8 *5*	0.97 *8*	^{117}I(2.22 m)	325.9(75), 274.4(20.4), 661.5(5.1)
858.84 *19*	0.112 *19*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
858.95 *12*	0.10 *3*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
858.95	>0.023	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
859 *1*	0.11 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
859.05 *18*	0.084 *10*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
859.08 *4*	1.27 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
859.09 *19*	0.111 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
859.12 *22*	0.23 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
859.13 *10*	8.0 *6*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
859.2 *7*	0.19 *6*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
859.2 *7*	0.033 *20*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
859.2 *4*	0.29 *6*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
859.21 *16*	0.57 *5*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
859.254 *16*	0.100 *11*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
859.31 *4*	0.266 *23*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
859.4 *3*	†1.3	^{111}Rh(11 s)	275.4(†100.0), 411.8(†9.42), 230.0(†8.9)
859.42 *5*		^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
• 859.45 *20*	0.058 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
859.45 *18*	0.0017 *8*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 859.45 *18*	0.060 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
• 859.46 *6*	0.109 *3*	^{149}Pm(53.08 h)	285.95(3.1), 590.88(0.069), 22.510(>0.050)
859.472 *24*	0.24 *3*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
859.5 *4*	8.1 *8*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
859.5 *7*	0.26 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
859.50 *14*	0.19 *6*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
859.53 *20*	0.51 *5*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
859.56 *10*	2.84 *4*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
859.57 *19*	0.31 *3*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
859.6 *2*	1.02 *7*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
859.61 *6*	1.65 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
• 859.68 *9*	0.159 *20*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
859.7 *3*	0.044 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
859.71 *5*	5.91 *5*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
• 859.8 *3*	0.0083 *11*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
859.8 *3*	0.076 *6*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
859.85 *9*	†18 *3*	^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
859.867 *18*	3.37 *22*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
859.867 *18*	0.0091 *24*	^{150}Eu(12.8 h)	333.971(4.0), 406.52(2.81), 1165.739(0.257)
• 859.867 *18*	0.59 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
859.9 *3*	†0.46 *14*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
• 859.90 *20*	0.035 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
859.9 *8*	†2.0 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
860.0 *7*	0.63 *11*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
860.00 *15*	0.020 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
860.0 *2*	0.00150 *24*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
860 *30*	6.9 *20*	^{210}Tl(1.30 m)	799.7(99), 298(79), 1316(21)
860.1 *3*	0.079 *12*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
860.1 *3*	0.75 *11*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
• 860.14 *4*	0.435 *8*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
860.16 *24*	0.0012 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
860.17 *30*	0.20 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
860.2 *6*	0.022 *11*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
860.2 *7*	0.06 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
860.26 *20*	1.1 *1*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
860.28 *6*	10.1 *4*	^{163}Yb(11.05 m)	63.62(6.5), 123.21(1.98), 1746.68(1.72)
860.28 *6*	†248 *21*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
860.28 *6*		^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
860.30 *17*	24.5 *11*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 635.56(20.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
860.3		^{127}Sn(4.13 m)	490.9(90), 1348.0(4.8), 1564.0(4.0)
• 860.33 *18*	0.0029 *12*	^{105}Ag(41.29 d)	344.520(41), 280.41(30.2), 644.55(11.1)
860.4 *1*	0.0044 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
860.4 *2*	7.39 *25*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 987.0(5.88)
860.41 *4*	7.9 *3*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
860.46 *30*	†1.7 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
860.56 *11*	3.28 *20*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
860.564 *5*	12.42 *10*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
860.6	0.035	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
860.6	0.19 *10*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
860.6 *1*	0.76 *2*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
860.69 *7*	0.088 *6*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
860.7 *6*	0.55 *17*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
860.7 *5*	0.151 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 860.7 *5*	†8.2×10^2 *25*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
860.75 *10*	1.62 *9*	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
860.8 *4*	0.4 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
860.8 *5*	0.56 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
• 860.88 *12*	0.059 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 860.88 *10*	0.211 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
860.9 *3*	0.066 *20*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
860.9 *1*	0.031 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
• 860.93 *9*	3.54 *14*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
860.97 *19*	0.14 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
861 *1*	0.040	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
861.0 *1*	0.040	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
861.0 *5*	†1.04 *21*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
861.0 *4*	0.0048 *14*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
861.0 *15*	0.44	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
861.02 *11*	0.40 *4*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
861.1 *4*	96	^{102}In(24 s)	776.6(100), 593.1(30), 397.7(12)
861.1	0.0048 *11*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
861.1 *4*	0.97 *18*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
861.11 *5*	0.913 *20*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
861.11 *17*	†100 *17*	^{193}Hg(3.80 h)	1118.84(†64), 789.21(†36), 580.97(†32)
861.13 *15*	0.152 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
861.148 *19*	0.093 *6*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
861.16 *4*	92 *14*	^{106}In(6.2 m)	632.66(100), 997.87(48), 1009.27(30.3)
861.16 *4*	10.6 *17*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 1933.60(8.4)
• 861.2 *9*	0.006 *4*	^{99}Mo(65.94 h)	739.50(12.1), 181.063(6.08), 140.511(4.52)
861.2 *3*	0.50	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
861.2 *5*	†3.7 *18*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
861.2 *6*	0.13	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
861.2 *3*	0.37 *4*	^{237}Am(73.0 m)	280.23(47.3), 438.4(8.3), 473.5(4.3)
861.286 *47*	0.0041 *4*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
861.3 *4*	0.28 *20*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
861.3 *1*	†22.6 *13*	^{180}Au(8.1 s)	153.3(†100), 524.3(†29), 257.6(†26)
861.35 *5*	0.019 *3*	^{117}In(116.2 m)	158.562(16), 1020.6(0.0068), 1004.51(0.0062)
861.35 *5*	0.31 *3*	^{117}Sb(2.80 h)	158.562(86), 1004.51(0.21), 1021.0(0.112)
861.4 *10*		^{77}Ga(13.2 s)	469.4(†100), 458.6(†48), 2187.3
861.4 *1*	†20.0 *17*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
861.4 *1*	1.08 *18*	^{160}Tm(74.5 s)	264.1(9), 125.8(6.5), 375.8(2.4)
861.4 *1*	†1.70 *17*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
861.4 *4*	0.15 *6*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
861.5 *3*	0.202 *24*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
861.5 *6*	†1.3 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
861.52 *15*	†6	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
861.54 *3*	0.0176 *18*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
861.6 *1*	35	^{51}Ca(10.0 s)	1394.0(27), 1167.5(23), 1480.1(22)
861.6 *3*	0.80 *8*	^{80}As(15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
861.6 *2*	0.97 *4*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
861.60 *20*	0.219 *22*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
861.6 *4*	0.4 *2*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
861.6 *7*	1.66 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
861.6 *2*	0.29	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
• 861.7 *1*	1.75 *6*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
861.7 *2*	0.087 *23*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
861.74 *23*	0.042 *10*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
861.76 *8*	0.228 *13*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
861.8 *8*	0.015 *5*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
861.8	†100	^{256}Es(7.6 h)	231.1(†61), 172.6(†49), 1092.9(†47)
861.86 *2*	7.50 *11*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 861.9 *2*	†2.8×10^6	^{208}Po(2.898 y)	291.7(†9×10^{06}), 570.4(†5×10^{06}), 601.6(†4.1×10^6)
861.97 *14*	18.2 *11*	^{159}Sm(11.37 s)	189.79(46), 254.43(9.8), 797.2(6.1)
862.00 *3*	0.57 *4*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
862.0 *15*	0.12 *6*	^{74}Kr(11.50 m)	89.65(31), 203.0(18.0), 296.67(9.9)
862.0 *3*	0.126 *25*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
862.0 *2*	0.2	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
862 *1*	0.34	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
862.0 *5*	10.0 *5*	^{164}Ta(14.2 s)	211.05(74), 376.8(22), 605.0(14)
862.03 *12*	70	^{72}Br(78.6 s)	1316.70(17.3), 454.70(13.1), 2371.9(7.5)
862.03 *12*		^{73}Kr(27.0 s)	
862.1 *5*	0.77 *24*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
862.2 *3*	0.034 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
862.2 *2*	1.93 *22*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
862.2 *6*	3.7 *11*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
862.29 *13*	0.694 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
862.3 *7*	0.39 *13*	^{96}Pd(122 s)	124.70(65), 762.3(50.0), 499.7(17.9)
862.3 *14*	0.06 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
862.327 *19*	0.671 *17*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
• 862.355 *11*	0.0014 *8*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
862.40 *14*	0.084 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
862.4 *5*	0.16 *5*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
• 862.4 *5*	0.035 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 862.40 *3*	0.0344 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
862.4 *2*	†1.0 *1*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
862.45 *15*	0.87 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
862.46 *5*	0.71 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
862.46	0.71 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
862.5 *1*	3.6 *3*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
862.5 *4*	0.00013 *3*	^{109}Pd(13.7012 h)	88.04(1.171), 311.4(0.032), 647.3(0.024)
862.5 *2*	†19.0 *15*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
862.5 *2*	†28	^{136}Pm(47 s)	373.8(†100), 488.7(†22), 602.7(†17)
862.5 *2*	7.8 *15*	^{136}Pm(107 s)	373.8(15.0), 602.7(12.3), 857.2(12.72)
862.56 *5*	0.0075 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
862.60 *5*	0.61 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
862.60 *20*	0.36 *6*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
862.7 *1*	4.3 *6*	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
862.7 *5*	1.01 *17*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
862.7 *2*	1.3 *5*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
• 862.7 *5*	†5.3×10^{3} *6*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^{9}), 33.195(†6000×10^{8})
862.74 *19*	0.18 *6*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
862.8 *15*	0.8 *4*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
862.8 *5*	0.15 *4*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
862.8 *3*	0.018 *6*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
• 862.863 *15*	0.0670 *14*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
862.9 *3*	0.19 *5*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
862.90 *21*	†2.7 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
862.9 *5*	0.74 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
862.94 *6*	0.0217 *18*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
863.0 *3*	6.9 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
863.0 *3*	0.54 *8*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
863.0 *2*	0.56 *5*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
863.0 *2*	0.332 *24*	^{190}Tl(2.6 m)	416.4(79), 625.4(11.1), 683.5(8.7)
863 *1*	0.0039 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 863 *1*	†0.0012 *7*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
863.1 *3*	100 *4*	^{98}Ag(46.7 s)	678.5(85), 570.93(53), 452.0(11.0)
863.1 *1*	0.09 *1*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
863.1 *7*	0.128 *16*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
863.19 *10*	0.12	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
863.2 *1*	2.4 *5*	^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
863.2 *25*	0.18 *7*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
863.2 *3*	0.054 *19*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
863.2 *2*	0.072 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
863.20 *10*	4.9 *3*	^{250}Es(8.6 h)	828.82(72), 303.41(21.6), 349.4(19.8)
863.27 *20*	0.089	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
863.31 *6*	0.236 *12*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
863.34 *18*	0.44 *7*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
863.4 *10*	0.037 *3*	^{107}Rh(21.7 m)	302.77(66), 392.47(8.8), 312.21(4.8)
863.4 *3*	0.61 *6*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
863.4 *4*	>0.33	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
863.4 *5*	1.80 *22*	^{174}Re(2.40 m)	243.4(37), 113.0(19.8), 1002.9(5.62)
863.5 *5*	0.13 *4*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
863.5 *2*	0.18	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
863.5 *3*	0.14	^{227}Ra(42.2 m)	27.36(16), 300.07(4.6), 302.65(4.3)
863.5 *3*	0.30 *3*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
863.5 *6*	†54	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
863.57 *12*	0.0007	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
863.6 *1*	0.012 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
863.7 *2*	0.29 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
863.7 *2*	32.5 *15*	^{120}In(46.2 s)	1171.3(96), 1023.1(55), 1294.5(12.2)
863.7 *5*	0.39 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 863.8 *4*	0.0113 *9*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
863.8 *2*	0.22 *8*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
863.88 *11*	0.16 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
863.89 *3*	9.2 *7*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
• 863.89 *4*	1.94 *19*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
863.89 *4*	20.3 *10*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
863.9 *2*	1.5 *3*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
863.9 *1*	2.07 *8*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
863.935 *18*	14.8 *4*	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 863.935 *18*	0.683 *11*	^{58}Co(70.82 d)	810.764(99), 1674.679(0.518)
863.955 *9*	15.6 *3*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 914.774(10.94)
864.00	4.0 *4*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
864.0 *10*	†22 *11*	^{106}Sn(115 s)	386.8(†100), 477.5(†62), 253.30(†57)
864.0 *3*	0.19 *3*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
864.0 *5*	0.40 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
864 *1*	0.80 *23*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
864.1 *5*	4.8 *12*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
864.16 *15*	†109	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
864.2 *1*	0.045 *5*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
864.2 *5*	0.22 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
864.26 *20*	†4.4 *8*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
864.30 *20*	1.8 *4*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
864.3 *1*	0.0024 *3*	^{144}Pr(17.28 m)	696.510(1.3), 2185.662(0.694), 1489.160(0.278)
864.30 *11*	1.72 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
864.4 *3*	0.030 *6*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
864.4 *1*	5.3 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
864.4 *2*	0.086 *18*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
864.4	†8.7 *4*	^{178}Ir(12 s)	266.1(†100.0), 131.6(†79), 363.1(†39.9)
864.41 *9*	0.067 *7*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
864.45 *6*	0.0012 *3*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
864.5 *2*	†2.0 *6*	^{103}Nb(1.5 s)	102.64(†100), 641.1(†55), 538.5(†34.0)
864.50 *15*	0.96 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
864.5 *3*	†7.8	^{149}Ce(5.3 s)	57.7(†100), 380.0(†33.7), 86.4(†20.2)
864.5 *6*	0.23 *5*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
864.5 *4*	0.06 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
864.5 *3*	0.121 *14*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
864.6 *2*	0.33 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
864.64 *3*	0.336 *8*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
864.73 *15*	1.25 *15*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
864.8 *3*	0.48 *15*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
864.8 *4*	0.40 *12*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
864.8 *4*	†1.6 *2*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
• 864.85 *25*	0.0358 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
864.85 *20*	0.62 *4*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
864.9	0.0034 *13*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
864.9 *3*	†5.5 *10*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
864.9 *3*	1.29 *18*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
864.98 *3*	0.158 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
865	0.30	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
865.0 *4*	0.35 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
865.00 *5*	0.013 *7*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
865.05 *8*	2.34 *15*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
865.05 *20*	0.020 *6*	^{157}Eu(15.18 h)	63.929(23.0), 410.723(17.5), 370.509(11.0)
865.09 *12*	0.584 *18*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 510(0.296)
• 865.1 *2*	0.25 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
865.1 *2*	15.5 *16*	^{237}Pa(8.7 m)	853.6(34), 529.26(14.9), 540.61(9.3)
865.22 *8*	0.178 *10*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
865.3 *2*	0.104 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
865.3 *1*	5.9 *5*	^{198}Pb(2.40 h)	290.3(36), 365.4(19), 173.4(18)
865.3 *4*	0.22 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
865.35 *7*	0.0421 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
865.4 *4*	0.23 *11*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
• 865.48 *4*	0.211 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
865.5 *3*	0.119 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
865.5 *2*	0.87 *20*	^{102}Tc(5.28 s)	475.070(7), 468.59(0.88), 628.05(0.78)
865.5 *3*	0.64 *5*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
• 865.5 *2*	0.136 *10*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
865.6 *9*	†1.8 *9*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
865.7 *3*	3.7 *4*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
865.7 *4*	0.59 *17*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
• 865.80 *20*	0.188 *11*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 865.80 *20*	0.403 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
865.8 *3*	†>0.7	^{187}Pb(15.2 s)	299.5(†100), 617.2(†2.67), 493.6(†2.67)
865.8 *2*	0.98 *5*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
865.81 *10*	0.75 *5*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
865.82 *23*	>0.25	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
865.82 *7*	0.296 *19*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
• 865.9 *8*	0.0033 *7*	^{111}Ag(7.45 d)	342.118(7), 245.422(1.24), 96.73(0.20)
865.9 *5*	0.044 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
865.91 *4*	0.54 *3*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
865.93 *14*	0.0059 *4*	^{211}Pb(36.1 m)	404.853(3.78), 832.01(3.52), 427.088(1.76)
866.0 *4*	0.33 *11*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
866.0 *3*	0.48 *6*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
866.0 *2*	>0.049	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
866 *1*	0.47 *9*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
866.0 *6*	0.036 *14*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
866.0 *1*	7.9 *4*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
866.02 *14*	0.45 *6*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
866.138 *26*	1.05 *3*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
• 866.22 *10*	0.036 *3*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
866.3	1.6	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
866.3 *2*	†100	^{79}Zn(995 ms)	702.0(†75), 874.3(†31)
866.3 *4*	0.54 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
866.348 *23*	0.0008 *4*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
866.4 *8*	0.226 *12*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
866.4 *1*	†8.8 *16*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
866.4 *3*	0.08 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
866.4 *3*	0.022 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
866.4 *3*	†27	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
866.4 *4*	1.21 *22*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
866.4 *2*	4.4 *6*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
866.44 *8*	†13	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
866.5 *1*	0.069 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
866.5 *4*	0.40 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
866.5 *1*	0.246 *11*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
866.5 *3*	0.42	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
866.6 *5*	1.5	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 866.7 *4*	0.00514 *13*	^{111}Ag(7.45 d)	342.118(7), 245.422(1.24), 96.73(0.20)
866.70 *10*	1.26 *10*	^{250}Es(8.6 h)	828.82(72), 303.41(21.6), 349.4(19.8)
• 866.760 *19*	5.81 *19*	^{232}Pa(1.31 d)	969.315(41.6), 894.351(19.8), 150.059(10.8)
866.760 *19*	24.4 *16*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 863.89(20.3)
866.8 *4*	0.130 *16*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
866.8 *10*	†1.06×10^3 *22*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
866.82 *4*	0.0395 *14*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
866.85 *23*	8.2 *8*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
866.87 *14*	0.45 *17*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
866.9 *1*	3.4 *6*	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
866.90 *20*	0.047 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
866.9 *4*	0.29	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
867.0 *1*	11.4 *6*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
867.0 *2*	0.24 *7*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
867.0 *5*	2.13 *18*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
867.0 *6*	2.02 *14*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 867.01 *8*	1.328 *13*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
867.08 *7*	5.9 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
867.1 *4*	0.23 *4*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
• 867.1 *7*	0.0029 *11*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
867.1 *3*	0.467 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
867.2 *3*	0.28 *6*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
867.2 *4*	0.20 *7*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
867.2 *4*	0.16 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
867.2	0.32 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
867.2	0.10	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
867.2 *3*	†0.65 *9*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
867.2 *1*	8.1 *5*	^{240}Np(61.9 m)	566.34(25.3), 973.9(23.8), 600.57(18.4)
867.2 *2*	0.0090 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
867.26 *90*	0.06 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
867.3 *5*	0.10 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
867.30 *10*	0.0015	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
867.32 *20*	1.4 *3*	^{116}Ag(10.4 s)	513.39(92), 705.82(61), 1028.90(30.4)
867.388 *8*	0.008 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
867.388 *8*	1.23 *11*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 867.388 *8*	4.15 *8*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
867.4		^{41}Cl(38.4 s)	1353, 834, 515
867.4 *5*	0.51 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
867.4 *1*	0.034 *4*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
867.4 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
867.46 *8*	†13.4 *8*	^{82}Ga(0.602 s)	1348.07(†100), 2215.0(†22.0), 1909.34(†10.6)
867.5 *8*	0.23 *7*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
867.5 *5*	0.00180 *21*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 867.5 *5*	†0.0044 *9*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
867.6	0.040 *8*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
867.6 *5*	0.074 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
867.6 *2*	0.150 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
• 867.64 *8*	0.131 *9*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
867.64 *8*	0.30 *3*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
867.7 *12*	0.000210 *2*	^{16}N(7.13 s)	6128.63(67.0), 7115.15(4.9), 2741.5(0.82)
867.7 *2*	1.2 *4*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
867.74 *16*	0.073 *9*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
867.75 *22*	0.043 *6*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
867.75 *20*	0.12	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
867.8 *2*	0.211 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
867.8	0.110 *18*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
• 867.8 *9*	>0.031	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
867.83 *3*	1.87 *13*	^{204}At(9.2 m)	684.341(95), 516.318(90), 426.253(67.5)
• 867.846 *20*	5.50 *5*	^{140}La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
867.898 *6*	8.7 *6*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
• 867.898 *6*	0.00457 *18*	^{74}As(17.77 d)	595.847(59), 608.353(0.552), 1204.208(0.285)
867.9 *8*	0.08 *5*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
867.9 *6*	1.4	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
867.9 *2*	0.7	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 867.9 *7*		^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
867.9 *7*	0.23 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
867.9 *3*	†1.5 *5*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
867.9 *2*	†5.2 *5*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
• 867.9 *4*	2.0×10^{-6} *2*	^{233}U(1.592×10^{5} y)	42.44(0.0862), 97.134(0.020), 54.699(0.0182)
868.0 *5*	2.0 *3*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
868.00 *17*	0.65 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
868.0 *2*	†0.012 *2*	^{213}Bi(45.59 m)	323.81(†0.16), 544.9(†0.016)
868.1	†17.0	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
• 868.10 *20*	0.076 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
868.1 *3*	†0.50 *4*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
868.16 *26*	0.023 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
868.19 *10*	0.69 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
868.2 *5*	0.25 *3*	^{76}Kr(14.8 h)	315.7(39), 270.2(21.1), 45.48(19.5)
868.2 *1*	0.756 *25*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
868.2 *5*	†1.7 *9*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
868.27 *5*	7.6 *8*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
868.4 *2*	0.40 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
868.4 *2*	0.8 *3*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
• 868.40 *3*	0.0306 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
868.43	0.33	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
868.47 *12*	0.0098 *17*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 868.5 *4*	0.0120 *5*	^{85}Sr(64.84 d)	514.0067(96), 151.159(0.0012), 362.81(>0.0010)
868.5 *2*	0.040 *4*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
868.52 *14*	0.32 *7*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
868.56 *30*	0.040 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
868.57 *6*	2.99 *5*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
868.57 *6*	>0.18	^{89}Br(4.40 s)	775.28(5.16), 802.14(0.186), 1577.41(0.048)
• 868.6 *4*	0.015 *5*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
868.6 *4*	0.20 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
868.6 *5*	0.27 *7*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
868.6 *3*	†0.3 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
868.7 *4*	0.048 *8*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
868.7 *1*	0.056 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
868.7 *4*	†0.57 *19*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
868.7 *3*	†0.25 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
868.8 *2*	0.60 *11*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
868.8 *3*	0.33 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
868.8 *2*	1.9 *3*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
868.8 *2*	†0.56 *9*	^{196}Bi(240 s)	1049.21(†21.1), 371.93(†20.8), 689.00(†19.2)
868.8 *4*	0.12 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
868.9 *2*	0.36 *5*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
868.9 *3*	†2.6 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
868.9 *3*	0.0035 *13*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
868.95 *20*	†34	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
869 *2*	1.0 *6*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
869.0 *4*	0.9	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
869.0 *5*	0.68 *8*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)
869		^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
869.0 *2*	8 *1*	^{151}Er(23.5 s)	638.3(36), 667.2(17), 256.4(15.9)
• 869.0 *4*	0.031 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 869.1 *5*	0.027 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
869.1 *5*	†0.51 *7*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
869.1 *3*	0.24 *11*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
869.1 *5*	0.49	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
869.2 *6*	0.40 *8*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
869.2 *2*	0.29 *3*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
869.23 *7*	3.72 *24*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
• 869.256 *14*	1.853 *19*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
869.3 *4*	0.0012 *7*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
869.3 *3*	0.69 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
869.3 *5*	0.032 *7*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
869.3 *1*	1.62 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
869.3 *2*	0.00096 *15*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
869.31 *10*	1.1 *1*	^{121}In(23.1 s)	925.57(87), 261.96(7.9), 657.32(7.1)
869.33 *19*	†9.6 *14*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
869.35 *6*	0.62 *4*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
869.38 *9*	0.0006 *3*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
869.47 *8*	0.0009 *3*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
869.5 *2*	0.110 *22*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
869.50 *20*	0.115 *12*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
869.60 *3*	0.317 *8*	^{95}Tc(20.0 h)	765.794(93.82), 1073.71(3.74), 947.67(1.951)
869.6 *2*	3.1 *3*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
869.6 *1*	†6.2 *5*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
869.7 *3*	0.34 *6*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
869.7 *3*	0.31 *3*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
869.7 *4*	0.108 *18*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
869.7 *3*	0.055 *5*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
869.7 *2*	0.332 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
869.7 *1*	0.196 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
869.8	†5.0	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
• 869.891 *8*	5.49 *12*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
869.9 *2*	93 *5*	^{52}Fe(45.9 s)	929.5(100), 621.7(51), 2037.6(50)
869.92 *20*	0.14	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
869.97 *9*	0.039 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
870.00 *27*	0.26 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
870.0 *1*	0.40 *6*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
870.0 *2*	0.031 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
870 *1*	†6.1 *9*	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
870.01 *8*	0.129 *20*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
870.05 *17*	1.46 *23*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
870.09 *17*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
870.1 *1*	0.0160 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
870.1	0.010	^{132}Sn(39.7 s)	340.53(49), 85.58(48.2), 899.04(44.8)
870.1 *1*	†1.86×10^3 *19*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
870.13 *5*	0.050 *17*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
870.13 *5*	0.0906 *19*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
870.2 *2*	3.2 *5*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
870.22 *19*	0.91 *18*	^{186}Tl(27.5 s)	405.43(92), 402.72(45.9), 356.84(29.3)
870.243 *13*	0.057 *7*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
870.30 *8*	†29.26 *21*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
870.3 *1*	7.73 *15*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 1133.3(1.74)
870.36 *10*	1.41 *9*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
870.4 *3*	0.56 *5*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
870.4 *3*	11.2 *6*	^{180}Ir(1.5 m)	276.4(56), 132.2(38.1), 699.0(13.4)
870.4 *2*	0.69 *6*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
870.42 *20*	0.161 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
870.46 *5*	0.045 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
870.46 *5*	1.10 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
870.5 *4*	†15 *4*	^{163}Lu(238 s)	163.08(†100), 54.00(†88), 396.34(†63)
870.5 *5*	0.07 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
870.54 *22*	0.102 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
870.6 *2*	0.52 *7*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
870.6 *4*	0.184 *16*	^{144}Ba(11.5 s)	103.855(23.30), 430.48(18.3), 172.828(15.4)
870.68 *5*	0.259 *11*	^{57}Mn(87.2 s)	122.0614(13.9), 14.41300(10.56), 692.03(5.50)
870.7 *1*	1.26 *11*	^{73}Br(3.4 m)	64.9(37.0), 336.0(10.4), 699.8(9.1)
870.7 *2*	0.021 *6*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
870.7 *3*	0.28 *3*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
870.70 *11*	0.118 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
870.70 *11*	0.095 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
870.7 *7*	0.0021	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
• 870.7 *3*	†4.6×10^3	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
870.71 *12*	3.3 *5*	^{17}N(4.173 s)	2184.48(0.34), 3842.3(<0.007)
870.8	0.06	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
870.82 *22*	†5.2 *10*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
870.86 *5*	1.05 *10*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
870.86 *5*	0.202 *23*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
870.88 *14*	0.047 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
870.9 *4*	†1.1 *3*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
871.0 *2*	0.087 *9*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
871.0 *4*	0.14 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
871 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
871.0 *10*	1.3	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
871.0 *5*	†36 *5*	^{195}Pb(15 m)	883.1(†100), 393.7(†42), 696.0(†31)
871.02	>0.0022	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
871.04	0.23	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
871.07 *6*	1.80 *19*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
871.08 *5*	0.31 *4*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
• 871.082 *18*	100	^{94}Nb(2.03×10^4 y)	702.626(97.9)
871.082 *18*	0.50	^{94}Nb(6.263 m)	702.626(0.00315), 993.18(0.00075)
871.082 *18*	100	^{94}Tc(293 m)	702.626(99.6), 849.74(95.7), 916.10(7.6)
871.082 *18*	94	^{94}Tc(52.0 m)	1868.68(5.7), 1522.11(4.5), 2740.1(3.5)
871.1 *5*	0.21 *4*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
871.11 *17*	3.7 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
• 871.2 *5*	0.0076 *25*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
• 871.2 *4*	0.028 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
871.2 *5*	0.070 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
871.2 *2*	†4 *1*	^{181}Ir(4.90 m)	107.64(†100), 1639.6(†52), 318.9(†46)
871.29 *19*	†7.5 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
871.3 *5*	0.126 *16*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
871.3 *8*	0.29 *11*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
871.3 *2*	2.08 *15*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
871.3 *10*	†3.1	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
871.3 *3*	0.139 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
871.35 *2*	3.30 *13*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
871.375 *23*	0.034 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
871.4 *5*	0.26 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
871.4 *5*	0.21 *3*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
• 871.46 *13*	0.38 *3*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
871.47 *30*	1.54 *6*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
871.5 *3*	0.37 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
871.5 *3*	2.9 *3*	^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
871.5 *2*	0.020 *5*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
871.6 *2*	†2.33 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
871.61 *10*	6.1 *5*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
871.67 *10*	0.55 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
871.690 *8*	0.54 *6*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
871.76 *21*	0.017 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
871.78 *6*	0.347 *21*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
871.8	0.06	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
871.80 *8*	5.11 *13*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
871.80 *8*	0.15	^{138}Cs(2.91 m)	1435.795(19), 462.796(18.6), 191.96(15.4)
871.8 *1*	0.529 *25*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
871.8 *10*	0.37 *9*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
871.8 *9*	†1.5 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
871.85 *5*	0.32 *4*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
871.85 *30*	0.048 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
871.9 *5*	0.51 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
871.90 *8*	0.030 *4*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
871.9 *10*	0.18 *7*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
• 871.91 *4*	0.417 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
872.00 *15*	0.53 *4*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
872	0.28	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
• 872.03 *6*	0.215 *6*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
872.03 *6*	†20.0 *18*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
872.03 *6*	9.4 *9*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
872.1 *1*	0.0153 *18*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
872.1 *7*	1.2 *5*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
872.13 *2*	0.34 *6*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
872.14 *3*	0.00025 *8*	^{69}Zn(56.4 m)	318.71(0.0012)
• 872.14 *3*	11.9 *9*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 1336.72(4.5)
872.2 *4*	0.23 *5*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
872.2 *5*	0.35 *13*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
872.2 *5*	2.4 *5*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
872.3 *4*	0.41 *10*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
872.3 *3*	1.42 *14*	^{130}Sn(3.72 m)	192.5(70), 779.8(59), 70.0(35.5)
• 872.3 *3*	0.131 *15*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
872.3 *2*	0.017 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
872.3 *5*	†2.6 *5*	^{180}Au(8.1 s)	153.3(†100), 524.3(†29), 257.6(†26)
• 872.39 *9*	0.040 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
872.39 *7*	37	^{205}Po(1.66 h)	1001.21(28.8), 849.83(25.5), 836.79(19.2)
872.4 *3*	0.35 *5*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
872.4 *5*	3.1 *5*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
872.40 *15*	0.70 *25*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
872.42 *12*	0.125 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
872.5 *3*	0.23 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
872.5 *5*	0.099 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
872.5 *1*	†5.32 *21*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
872.5	0.015 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
872.55 *17*	0.122 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
872.56 *27*	0.042 *8*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
872.6 *3*	0.153 *18*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
872.7	†3.1	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
872.7 *6*	0.099 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 872.73 *6*	0.0081 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
• 872.753 *7*	0.017 *9*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
872.79 *19*	†2.7 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
872.8 *4*	0.091 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
872.9 *5*	0.32 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
872.99 *9*	0.53 *6*	^{148}Ba(0.607 s)	56.08(29.20), 133.53(3.88), 415.78(3.59)
873 *1*		^{128}Pr(3.1 s)	550.6, 799, 592
873.0 *2*	0.70 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 873.0 *1*	0.00086 *9*	^{177}Ta(56.56 h)	112.9498(7.2), 208.3664(0.94), 1057.8(0.29)
873.0	0.016 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
873.06 *19*	1.24 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
873.1 *3*	0.171 *19*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
873.1	0.015 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
873.17 *15*	0.032 *6*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
• 873.190 *5*	12.27 *3*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
873.190 *5*	9.2 *6*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
873.190 *5*	5.3 *5*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
873.190 *5*	3.4 *4*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
873.2 *6*	0.09 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
873.30 *11*	0.74 *6*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
873.31 *11*	†6	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
873.4 *1*	12.5 *8*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 569(11.1)
873.44 *5*	7.0 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
873.48 *4*	0.439 *6*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
873.48 *4*	0.199 *5*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 1050.39(0.167)
873.5 *3*	0.20 *10*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
873.5 *3*	0.062 *11*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
873.5 *7*	0.24 *11*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
873.68 *17*	0.0091 *7*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
873.7 *3*	0.039 *15*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
873.8 *4*	0.096 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 873.831 *9*	0.052 *17*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
• 873.85 *25*	0.0134 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
873.88 *17*	0.087 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
873.90 *14*	0.097 *20*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
873.9 *6*	0.238 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
873.9 *1*	0.53 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
873.9 *2*	†23 *1*	^{191}Pb(2.18 m)	387.1(†100), 712.2(†46), 613.5(†40)
874.0 *3*	0.08 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
874.00 *8*	0.0047 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
874.0 *10*	0.404 *24*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
874.0 *5*	0.0062	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
874.0 *3*	0.036 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
874.1 *1*	0.0253 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
874.1 *3*	0.80 *6*	^{149}Pr(2.26 m)	138.447(11.0), 165.087(9.9), 108.520(9.5)
874.1 *2*	0.51 *5*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
• 874.1 *2*	5.8×10^{-7} *6*	^{240}Pu(6563 y)	45.242(0.0450), 104.234(0.00708), 160.308(0.000402)
874.11 *11*	0.028 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
874.16 *20*	0.14 *3*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
• 874.18 *3*	0.235 *9*	^{148}Pm(5.370 d)	1465.12(22), 550.284(22.00), 914.85(11.46)
874.2 *2*	†14.1 *14*	^{132}Pr(1.6 m)	325.5(†100), 496.9(†25), 822.4(†17.3)
874.2 *2*	0.48	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
874.21 *16*	†1.00 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
874.29 *10*	0.280 *25*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
• 874.29 *8*	0.019 *3*	^{193}Os(30.5 h)	139.03(4.27), 460.50(3.95), 73.039(3.2)
874.3 *2*	†31	^{79}Zn(995 ms)	866.3(†100), 702.0(†75)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
874.30 *7*	0.39 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
874.3 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
874.35 *5*	0.0038	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
874.4	†9	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
874.41		^{24}Ne(3.38 m)	472.202
874.44 *8*	0.049 *11*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
874.5 *5*	3.4 *6*	^{98}Cd(9.2 s)	347.18(78), 1176.1(66.3), 107.28(43.7)
874.5 *2*	0.115 *13*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
874.5 *5*	0.048 *14*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
874.51 *2*	0.164 *3*	^{135}La(19.5 h)	480.51(1.5), 587.83(0.1108), 220.94(0.0541)
874.6	12.8 *13*	^{39}S(11.5 s)	1301.7(52), 1696.5(44), 394.8(37)
874.6 *4*	0.40 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
874.6 *2*	†5.2 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
874.66 *24*	†0.59 *14*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
874.67 *6*	0.023 *3*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
874.7 *5*	†0.29 *8*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
874.7 *5*	1.0 *3*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
874.7 *10*	0.42 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
874.7 *3*	0.08	^{227}Ra(42.2 m)	27.36(16), 300.07(4.6), 302.65(4.3)
874.77 *7*	†4.3 *2*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
874.77 *9*	1.64 *8*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
• 874.81 *18*	0.33 *4*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
• 874.813 *13*	6.29 *6*	^{185}Os(93.6 d)	646.116(78.0), 880.523(5.17), 717.424(3.94)
874.83 *3*	0.0415 *15*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
874.9 *2*	0.138 *20*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
874.9 *6*	1.5 *3*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
874.92 *8*	1.27 *7*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
875.0 *4*	1.27 *16*	^{62}Co(13.91 m)	1172.9(97), 1163.4(67.3), 2003.48(18.4)
875.0 *3*	0.108 *17*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
875.0 *1*	1.25 *4*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
875.02 *15*	†46	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
875.03 *2*	0.24 *4*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
875.054 *10*	0.227 *8*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
875.1 *3*	0.79 *19*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
875.1	0.038 *17*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
875.12 *5*	2.8 *3*	^{59}Mn(4.6 s)	726.7(42), 472.71(29.0), 570.81(24.8)
875.19 *3*	0.782 *22*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
875.19 *6*	3.07 *18*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
875.19 *15*	†3.8 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
875.2 *1*	†0.88 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
875.23 *13*	9.2 *8*	^{138}I(6.49 s)	588.825(56), 2262.19(3.86), 483.700(3.53)
875.23 *13*	†70	^{139}I(2.29 s)	588.825(†900), 483.700(†260), 1464.0(†4.9)
875.26 *5*	0.0427 *13*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
875.30 *12*	0.025 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
875.3 *3*	0.21 *4*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
875.3 *3*	0.112 *17*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
875.3	>0.013	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
875.329 *11*	4.51 *10*	^{133}I(20.8 h)	529.872(87.0), 1298.223(2.35), 510.530(1.83)
875.40 *12*	0.150 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
875.4 *3*	†23 *3*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
875.43 *19*	†7.5 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
875.44 *12*	0.53 *6*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
875.44 *5*	1.40 *20*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
875.45 *11*	0.34 *4*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
875.46 *5*	2.44 *15*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
875.46 *5*	100 *10*	^{108}In(58.0 m)	632.96(100), 242.84(41), 1032.85(35)
875.47 *6*	0.06 *3*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
875.5 *3*	1.06 *18*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
875.5 *2*	†3.6 *3*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
875.5	†3.0 *2*	^{191}Pb(2.18 m)	387.1(†100), 712.2(†46), 613.5(†40)
875.6 *3*	0.97 *9*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
875.6 *5*	0.65 *7*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
• 875.650 *15*	0.722 *15*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
875.650 *15*	4.06 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
875.68 *5*	0.150 *7*	^{62}Cu(9.74 m)	1172.9(0.34), 2301.8(0.0414), 1128.9(0.0324)
875.7 *3*	0.85 *9*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
875.7 *4*	0.088 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
875.7		^{157}Lu(5.0 s)	967.5, 949.8, 880.5
875.7 *7*	4.5 *7*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
875.73 *6*	24.1 *13*	^{93}Sr(7.423 m)	590.238(67), 888.13(21.8), 710.312(21.4)
875.8 *3*	0.18 *3*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
875.8 *1*	0.22 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
875.8 *3*	†6.1 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
• 875.8 *6*	0.009 *5*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
875.8 *3*	0.32 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
875.8 *2*	0.0069 *3*	^{163}Er(75.0 m)	1113.5(0.0490), 436.1(0.0285), 439.94(0.0276)
875.84 *10*	11.4 *9*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
875.85 *15*	2.50 *10*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
• 875.89 *3*	0.1509 *24*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
• 875.9	0.035 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
876.0 *10*		^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
876.0 *5*	†3.6 *18*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
876.0 *1*	2.524 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
876.1 *5*	0.17 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
876.14 *7*	0.0020	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
876.2 *7*	2.58 *21*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
876.20 *14*	2.31 *17*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
876.2 *4*	0.042 *3*	^{223}Fr(21.8 m)	50.13(36.0), 79.72(9.1), 234.81(3.0)
• 876.2 *4*	†0.010 *3*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
876.21 *4*	1.06 *16*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
876.3 *1*	4.2 *3*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
876.3	3.68 *12*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
876.39 *7*	0.429 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
876.4 *3*	6.1 *6*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
876.4 *3*	2.1 *4*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
876.4 *4*	0.76 *8*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
876.4 *2*	0.165 *24*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
876.41 *4*	7.3 *3*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 876.5 *2*	0.026 *6*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
876.5 *1*	0.227 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
876.5 *3*	1.8 *1*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
876.54	1.73 *4*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
876.6 *3*	0.6 *3*	^{102}Zr(2.9 s)	599.60(13.9), 535.30(10.6), 64.50(8.9)
876.6 *2*	1.04 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
876.6 *3*	0.61 *8*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
876.6 *2*	0.35 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
876.6 *2*	0.025 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
876.68 *24*	0.014 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
876.7 *4*	0.11 *6*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
876.8 *3*	90 *9*	^{62}Mn(0.88 s)	942.1(26), 1299.0(25), 1815.0(21)
876.8 *5*	0.28 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
• 876.80 *25*	0.0269 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
876.8 *1*	†1.70 *17*	^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
876.8 *3*	0.27 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
876.81 *10*	0.218 *20*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
877.0 *2*	0.25 *8*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
877.0 *3*	0.067 *12*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
877.0 *6*	0.10 *5*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
877.13 *14*	0.36 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
877.15 *20*	0.073	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
877.2 *8*	0.0033 *16*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
877.2 *2*	0.16 *13*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
877.20 *6*	0.165 *9*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
877.2 *3*	0.36 *7*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
877.2 *4*	1.22 *16*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
877.22 *15*	0.44 *22*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
• 877.30 *10*	0.05	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
877.3 *10*	†4.9	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
877.35 *4*	0.191 *10*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
877.39 *4*	3.4 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
877.4 *3*	72 *25*	^{148}Tm(0.7 s)	646.6(100), 1002.9(55), 257.5(52)
877.46 *10*	0.014 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
877.52 *17*	0.0011 *7*	^{123}I(13.27 h)	158.97(83), 528.96(1.39), 440.02(0.428)
• 877.55 *4*	0.0225 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
• 877.56 *5*	0.07	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
877.6 *1*	0.290 *25*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
877.70 *8*	11.2 *11*	^{122}In(10.8 s)	1140.55(100), 1001.58(98.4), 103.74(81)
• 877.7 *1*	0.101 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
877.76 *17*	2.7 *4*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
877.80 *9*	0.216 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
877.8	0.5	^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)
877.9 *3*	0.0021 *16*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
877.9 *3*	0.9 *3*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
• 877.9	0.021 *3*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
877.97 *3*	11.40 *31*	^{59}Cu(81.5 s)	1301.46(14.78), 339.411(7.97), 465.02(5.87)
878.0 *4*	3.5 *4*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
878.0 *2*	0.082 *8*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
878.01 *13*		^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
878.07 *10*	0.72 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
878.1 *2*	29.4 *12*	^{104}In(1.8 m)	658.0(100), 834.1(99), 943.3(14.9)
878.2	44 *3*	^{36}Si(0.45 s)	175.0(68), 249.9(68), 424.9(32)
878.2 *8*	0.031	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
878.20 *20*	0.47 *5*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
878.2 *3*	0.69 *19*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
878.2 *4*	0.19	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 878.2 *4*	†0.0073 *24*	^{227}Th(18.72 d)	235.971(†813), 50.13(†528), 256.25(†463)
878.21 *4*	0.14 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
878.23 *8*	0.040 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
878.27 *26*	0.29 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
878.3 *5*	0.028 *9*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
878.3 *3*	0.35 *7*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
878.3 *2*	2.80 *17*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
878.40 *18*	0.073 *5*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 878.40 *18*	0.017 *3*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
878.40 *10*	1.08 *8*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
878.4 *2*	0.024 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
878.40 *16*	24.2 *16*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 707.67(14.0)
878.5	†3.5	^{107}Mo(3.5 s)	400.3(†100), 65.7(†>92), 384.4(†57.6)
878.5 *1*	0.052 *2*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
878.54 *8*	4.0 *3*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
878.54 *8*	†18 *3*	^{100}Y(0.94 s)	212.531(†100), 351.960(†33), 665.98(†13)
878.56 *25*		^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
878.6 *5*	0.22 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
878.6 *5*	0.13 *5*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
878.6 *4*	0.12 *6*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
878.67 *11*	0.818 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
878.7 *3*	0.036	^{170}Hf(16.01 h)	164.78(33), 620.7(23), 120.17(19)
878.80 *8*	9.0 *5*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 1053.70(1.47)
• 878.8 *6*	0.011 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
878.89 *21*	0.048 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
878.9 *2*	0.90 *12*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
878.92 *5*	0.25 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
878.92 *5*	1.97 *23*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
879.0 *10*	0.32 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
879.0 *3*		^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
879.0 *3*	0.100 *22*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
879.07 *8*	0.0371 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
• 879.1 *4*	0.036 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
• 879.1 *5*	0.23 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
879.1 *2*	0.166 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
879.2 *2*	0.80 *3*	^{79}As(9.01 m)	95.73(0.85), 364.9(1.06), 432.1(0.850)
879.2 *4*	0.60 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
879.20 *4*	0.176 *6*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
879.3 *4*	0.055 *9*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
879.3 *10*	†4.3	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
879.31 *15*	0.140 *23*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 879.383 *3*	30.01 *18*	^{160}Tb(72.3 d)	298.580(25.51), 966.171(25.21), 1177.962(15.07)
879.383 *3*	†65.9 *23*	^{160}Ho(5.02 h)	728.18(†100), 962.317(†59.1), 966.171(†54.5)
879.383 *3*	26.6 *11*	^{160}Ho(25.6 m)	728.18(46.9), 962.317(25.6), 645.40(24.7)
879.4 *6*	†1.2 *3*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
879.456 *18*	0.142 *4*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
879.5 *15*	0.15 *6*	^{74}Kr(11.50 m)	89.65(31), 203.0(18.0), 296.67(9.9)
879.5 *3*	0.126 *22*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
879.5 *2*	0.19 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
879.51 *19*	0.024 *7*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
879.55 *20*	0.0898 *25*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
879.6 *5*	0.131 *16*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
879.6 *7*	1.68 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
879.6 *4*	0.051 *17*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
• 879.65 *25*	0.0224 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
879.65 *7*	0.048 *3*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
879.7 *1*	0.187 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
879.7 *2*	0.163 *22*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
879.7 *2*	0.26 *4*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
879.724 *11*	0.385 *15*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
879.74 *18*	0.157 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
879.75 *32*	0.10 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
879.75 *10*	2.74 *18*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
• 879.761 *8*	0.196 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
879.78 *29*	2.3 *3*	^{159}Sm(11.37 s)	189.79(46), 861.97(18.2), 254.43(9.8)
879.8 *5*	0.16 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
879.8 *5*	0.07 *4*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
879.8 *7*	0.09	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 879.876 *13*	0.754 *17*	^{126}I(13.11 d)	388.633(34.1), 491.243(2.85)
879.876 *13*	1.29 *3*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
879.9 *7*	0.18 *7*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
• 879.93 *4*	0.342 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
880 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
880 *10*	0.0028 *6*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
880.0 *10*	0.30 *13*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
880.0 *3*	0.52 *13*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
880.08 *12*	0.084 *13*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
880.1 *1*	†3.6 *4*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
880.19 *5*	13 *3*	^{151}Pr(18.90 s)	189.057(11.8), 484.501(11.3), 495.309(11.2)
880.2 *1*	0.40 *5*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
880.2 *1*	0.95 *6*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
880.2 *4*	1.22 *16*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
880.2 *2*		^{199}Po(5.48 m)	246.0(28), 845.7(23), 206.7(5.1)
880.2 *2*	3.0	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
880.26 *7*	0.00319 *25*	^{108}Ag(2.37 m)	433.937(0.50), 618.84(0.261), 1007.22(0.0139)
880.3	0.048 *9*	^{43}Ti(509 ms)	2288.2(4.40), 845.2(2.77), 2458.5(0.91)
880.3 *3*	0.29 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
880.3 *1*	3.02 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
880.39 *10*	10.4 *5*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
880.4 *4*	0.5 *4*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
• 880.46 *1*	1.031 *9*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
880.5 *7*	0.105 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
880.5 *1*	0.126 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
880.5 *3*	0.34 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
880.5		^{157}Lu(5.0 s)	967.5, 949.8, 875.7
880.5 *1*	6	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
880.5 *1*	4.2	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 880.5 *1*	1.6×10^{-7} *4*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
880.51 *4*	6.8 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
• 880.523 *13*	5.17 *6*	^{185}Os(93.6 d)	646.116(78.0), 874.813(6.29), 717.424(3.94)
880.6 *2*	†0.69 *21*	^{131}Ce(5.0 m)	230.43(†100), 436.85(†7.3), 462.9(†6.9)
• 880.6 *3*	0.047 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 880.634 *10*	0.081 *3*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
880.634 *10*	0.31 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
880.634 *10*		^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
880.70 *7*	18.1 *3*	^{55}V(6.54 s)	517.71(73), 921.10(4.6), 565.88(4.50)
880.7 *1*	0.06 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
880.710 *17*	3.96 *20*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
880.710 *17*	0.7 *3*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
880.76 *10*	0.0064 *19*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
880.79 *15*	0.085 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
880.8 *3*	0.11 *3*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
880.8	0.032 *18*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
880.8 *3*	0.32 *3*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
880.8 *6*	0.032 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
880.8 *1*	2.19 *11*	^{251}Fm(5.30 h)	453.1(1.45), 405.6(0.99), 349.9(0.82)
880.9 *6*	0.0060 *20*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
880.9 *3*	0.054 *18*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
880.9 *5*	0.0078	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
880.9 *5*	†3.8×10^3 *5*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
880.92 *4*	1.09 *8*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 880.93 *7*	0.0316 *25*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
881.0 *3*	0.108 *10*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
• 881.00 *4*	0.0215 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
881.0 *5*	†3.0 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
• 881.01 *5*	66.2 *7*	^{206}Bi(6.243 d)	803.10(99), 516.18(40.7), 1718.70(31.8)
881.05 *45*	0.078 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
881.1 *3*	0.22 *5*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
881.1 *1*	7.6 *10*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
881.10 *14*	0.78 *8*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
881.1 *1*	0.187 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
881.1 *1*	0.261 *21*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
881.14 *16*	0.068 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
881.14 *10*	0.74 *4*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
881.15 *9*	0.025 *4*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
881.17 *5*	4.4 *9*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
881.2 *3*	0.17 *7*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
881.2 *3*	0.13 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
881.2	0.147 *23*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
881.2 *3*	†19.7 *8*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
881.39 *2*	0.219 *20*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
881.4 *3*	0.0146 *10*	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
881.4 *5*	0.36	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
881.4 *3*	0.35 *6*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
881.4 *3*	0.046 *11*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
881.43 *50*	0.057 *15*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
881.49 *88*	0.041 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
881.5	2.60 *24*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
• 881.5	0.034	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
881.5 *1*	0.240 *18*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
881.552 *28*	0.374 *8*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
881.57 *5*	4.3 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
881.57 *3*	0.93 *6*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
881.59 *18*	2.11 *12*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
• 881.6 *3*	0.046 *15*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
881.610 *3*	42	^{84}Br(31.80 m)	1897.761(14.7), 3927.5(6.8), 2484.1(6.7)
881.610 *3*	98 *10*	^{84}Br(6.0 m)	425.30(100), 1463.84(97), 446.9(3)
• 881.610 *3*	69	^{84}Rb(32.77 d)	1897.761(0.738), 1016.162(0.349)
881.7 *2*	>0.06	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
881.8 *5*	†0.68 *12*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
881.8 *5*	2.3 *4*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
881.8 *5*	†1.9 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
• 881.893 *25*	0.0303 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
881.9 *4*	0.30 *12*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
881.9 *3*	†10 *4*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
881.9 *3*	6.0 *12*	^{132}Sb(4.10 m)	696.8(100), 973.9(100), 150.6(66)
• 881.98 *5*	0.0239 *9*	^{149}Pm(53.08 h)	285.95(3.1), 859.46(0.109), 590.88(0.069)
882.0 *2*	0.19 *3*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
882.0 *3*	0.16 *4*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
882.0 *6*	†6.3 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
882.0 *6*	0.23 *6*	^{160}Tm(74.5 s)	264.1(9), 125.8(6.5), 375.8(2.4)
882 *2*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
882.0 *4*	0.0385 *19*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
882.0 *15*	†4	^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
882.1 *1*	6.30 *16*	^{83}Y(7.08 m)	35.50(0.44), 489.90(5.53), 858.70(3.21)
882.1 *7*	0.094 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
882.10 *30*		^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
882.1 *3*	0.214 *20*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
882.1 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
882.13 *7*	0.31	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 882.17 *5*	0.059 *5*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
882.17 *5*	0.407 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
• 882.2 *4*	0.040 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
882.3 *4*	0.35 *13*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
• 882.3 *5*	0.062 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
882.3	92 *4*	^{148}Tb(2.20 m)	784.430(100), 631.947(95), 394.6(86)
882.32 *8*	13.4 *4*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
882.32 *8*	0.38 *12*	^{162}Ho(67.0 m)	185.005(28.6), 1220.0(22.5), 282.864(11.3)
882.5 *5*	0.28 *8*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
882.5	†0.66 *7*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
882.6 *5*	1.16 *15*	^{65}Co(1.20 s)	1141.7(4.0), 310.6(2.90), 963.7(2.6)
• 882.63 *3*	0.87 *3*	^{238}Np(2.117 d)	984.45(27.8), 1028.54(20.3), 1025.87(9.6)
882.63 *3*	0.0036 *6*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
• 882.63 *3*	6.25×10^{-8}	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
882.65 *8*	0.160 *12*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
882.70 *5*	2.21 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
882.7 *3*	0.06 *3*	^{140}Eu(1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
882.8 *4*	0.96 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
882.9 *2*	0.81 *14*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
882.9 *2*	7.0 *13*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
882.9 *2*	0.73 *6*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
882.9 *2*	0.54 *7*	^{141}Eu(2.7 s)	394.0(0.60), 518.8(0.45), 804.4(0.44)
882.96 *17*	0.25 *8*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
883 *2*	0.28	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
883.0 *9*	0.25 *6*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
883.0 *9*	0.45 *10*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
883.06 *14*	0.042 *7*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
883.1 *5*	0.094 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
883.1 *3*	†100 *9*	^{195}Pb(15 m)	393.7(†42), 871.0(†36), 696.0(†31)
883.2 *3*	†0.56 *8*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
883.24 *4*	9.6 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 569.5(8.2)
883.24 *4*	$\dagger1.8\times10^{3}$ *3*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
883.24 *4*	$\dagger1.7\times10^{3}$ *5*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 883.24 *4*	0.105 *10*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
• 883.24 *4*	7.7×10^{-7} *6*	^{238}Pu(87.74 y)	43.498(0.0395), 99.853(0.00735), 152.720(0.000937)
883.28 *17*	0.26 *9*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
883.3 *4*	1.2 *3*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
883.3 *5*	†1.9 *10*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
883.3 *2*	0.031 *3*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
883.4 *3*	1.9 *8*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
883.49 *8*	0.70 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
883.5 *5*	>0.16	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
883.5 *3*	0.015 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
883.5 *2*	0.8	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
883.6 *1*	0.282 *7*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
883.6 *5*	0.108 *23*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 883.6 *4*	0.028 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
883.61 *10*	7.21 *21*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
• 883.68 *13*	0.045 *5*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
883.7 *2*	5.8 *6*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
883.7 *2*	>0.32	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
883.8 *5*	0.10 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
883.8 *2*	0.21 *5*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 883.81 *9*	0.082 *16*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
883.9 *3*	†100	^{147}Ho(5.8 s)	189.1(†100), 486.7(†61), 1263.7(†36)
883.94 *5*	0.33 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
883.984 *20*	29.9 *6*	^{204}Po(3.53 h)	270.068(27.8), 1016.31(24.1), 534.90(13.2)
884.0	0.7	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
884.0 *4*	0.108 *18*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
884.0 *5*	0.020 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
884 *4*	0.256 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
884.0 *7*	†1.5 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
884.0 *5*	0.09 *4*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
884.0 *2*	<0.15	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
884.090 *25*	64.9 *10*	^{134}I(52.6 m)	847.025(95.4), 1072.547(15.0), 595.362(11.2)
884.090 *25*	†3.6 *19*	^{134}I(3.69 m)	847.025(†3.6), 234.3(†2.5)
884.09 *8*	1.95 *25*	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
884.1 *6*	0.092 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
884.1 *3*	0.28 *6*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
884.1 *8*	0.31 *8*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
• 884.10 *15*	0.345 *20*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
884.1 *4*	†0.38 *14*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
884.11 *6*	0.37 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
884.17 *16*	0.0156 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
884.2 *4*	0.08 *4*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
884.29 *3*	0.72 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
884.3 *3*	†0.76 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
884.3 *3*	0.132 *17*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
884.4 *8*	3.1 *3*	^{69}Ni(11.4 s)	1871.1(40.9), 679.7(39.7), 1213.0(39.3)
884.4 *1*	10.9 *12*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
884.4 *4*	†0.8 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
884.4 *5*	9.0 *25*	^{172}Ho(25 s)	133.6(36), 178.0(23), 757.2(18)
884.42 *5*	0.060 *5*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
884.44 *14*	0.38 *6*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
884.45 *20*	7.08 *6*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
884.47 *5*	10.0 *5*	^{195}Tl(1.16 h)	563.52(10.5), 1363.88(8.4), 242.15(4.3)
884.47 *5*	0.09 *5*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 884.48 *21*	0.0124 *25*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
884.5 *5*	0.21 *7*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
884.5 *2*	8.1 *5*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
884.5 *3*	0.30 *11*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
884.50 *4*	0.012	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
• 884.5418 *8*	0.2923 *25*	^{192}Ir(73.831 d)	316.50791(82.81), 468.07152(47.83), 308.45692(30.00)
884.5418 *8*	0.022 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
884.57 *8*	0.591 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
884.60 *21*	0.22 *3*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
884.6 *2*	0.32 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
884.62 *10*	0.66 *5*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
884.64 *5*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
884.64 *5*	13.9 *14*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
884.66 *23*	0.0385 *16*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
• 884.685 *3*	72.2 *3*	^{110}Ag(249.79 d)	657.7622(94.0), 937.493(34.13), 1384.300(24.12)
884.685 *3*		^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
884.685 *3*	92.9 *19*	^{110}In(4.9 h)	657.7622(98.3), 937.493(68.4), 707.40(29.5)
884.7 *3*	0.014 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
884.7 *3*	0.18	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
• 884.76 *6*	0.0091 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
884.8 *5*	0.10 *3*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
884.8	0.48	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
884.80 *6*	0.99 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
884.80	0.99 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
884.8 *5*	0.127 *25*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
884.861 *15*	0.46 *4*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
884.861 *15*	0.068 *3*	^{78}Br(6.46 m)	613.725(14), 694.916(0.058), 1923.15(0.0490)
884.9 *7*	0.033	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
884.9 *3*	0.33 *13*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
884.9 *1*	54	^{70}Cu(4.5 s)	1876(2.2), 1654.1, 1072.2
884.9 *1*	100 *4*	^{70}Cu(47 s)	901.7(87), 1251.7(57), 1107.9(7.8)
884.9 *2*	0.010 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
885.0 *5*	0.15 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
885.0 *10*	0.14 *5*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
885.0 *10*	0.17 *3*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
885.0 *7*	0.34 *7*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
885.08 *7*	†8.9 *12*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
885.1	0.41	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
885.1 *5*	0.33 *7*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
885.1 *4*	0.75 *8*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
885.18 *11*	0.72 *7*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
885.2 *4*	0.32 *5*	^{120}Xe(40 m)	25.1(30), 72.6(9), 178.1(6.8)
885.2	0.046 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
885.2 *6*	0.041 *18*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
885.4 *8*	60	^{32}Na(13.2 ms)	2151.3(32), 239.5(16.6), 1972.8(8.6)
• 885.4 *2*	0.10 *4*	^{96}Tc(4.28 d)	778.224(100), 849.929(98), 812.581(82)
885.4 *3*	0.10 *8*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
885.4 *3*	0.56 *10*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
885.43 *20*	0.90 *18*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
885.5 *7*	16	^{33}Na(8.2 ms)	
885.5 *7*		^{34}Na(5.5 ms)	
885.5 *1*	0.089 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
885.58 *10*	0.149 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
885.58 *21*	†1.7 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
885.59 *6*	0.177 *18*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
885.6 *1*	†11.1 *7*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 177.0(†10.7)
• 885.60 *30*	0.037 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
885.6 *3*	0.063 *6*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
885.66 *8*	0.253 *19*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
885.7 *3*	0.36 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
885.7 *2*	†5.3 *8*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
• 885.823 *11*	0.0083 *9*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
885.83 *10*	1.32 *10*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
886.0 *1*	0.39 *8*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
886.0 *4*	0.044 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
886.0 *5*	0.73 *15*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
• 886.0 *20*	0.012 *6*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
886.0 *2*	0.53 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
886.01 *23*	0.64 *18*	^{186}Tl(27.5 s)	405.43(92), 402.72(45.9), 356.84(29.3)
886.02 *11*	0.44 *12*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
886.06 *3*	0.372 *19*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
886.08 *20*	0.151 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
886.1 *2*	†14.1 *15*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
886.1 *5*	0.025 *8*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
886.1 *5*	0.0028 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
886.153 *14*	0.138 *11*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 886.153 *14*	2.02 *12*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
886.156 *25*	2.52 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
886.2 *2*	0.333 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
886.2 *5*	0.38 *8*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)
• 886.20 *8*	0.253 *25*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
886.2 *4*	†45	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
886.22 *5*	2.44 *12*	^{141}Pm(20.90 m)	1223.26(4.74), 193.68(1.61), 1345.52(1.33)
886.3 *10*	0.2 *1*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
886.3 *3*	0.0059 *11*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
886.3 *3*	0.045 *8*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
886.3 *2*	0.039 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
886.32 *5*	2.44 *14*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
886.4 *2*	†7.2 *22*	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
886.5 *3*	0.33 *6*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
886.5 *2*	0.080 *16*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
886.59 *8*	0.0054 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
886.7 *3*	0.17 *4*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
886.7 *3*	†>3.6	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
886.7 *7*	1.49 *19*	^{117}Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
886.7 *2*	0.69 *7*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
886.72 *7*	0.128 *7*	^{187}Ir(10.5 h)	912.95(4.79), 427.12(4.12), 400.89(3.94)
886.8 *3*	0.046 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
886.96 *20*	†2.2 *5*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
• 886.98 *10*	0.0041 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
887.0 *7*	0.84 *9*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
887.0 *5*	0.028 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
887.0 *3*	0.23 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
887.0 *1*	0.282 *18*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
887.0 *8*	1.8 *5*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
887.0 *5*	†0.115 *21*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
887.09 *18*	†0.43 *4*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
887.1 *5*	2.5 *3*	^{96}Pd(122 s)	124.70(65), 762.3(50.0), 499.7(17.9)
887.10 *20*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
887.1 *1*	0.50 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
887.12 *12*	0.44 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
887.12 *7*	0.166 *21*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
887.14		^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
887.14 *20*	0.71 *9*	^{245}Pu(10.5 h)	327.428(25.4), 560.13(5.4), 308.222(4.9)
887.16 *3*	0.022 *1*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
887.19 *7*	0.34 *7*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
• 887.19 *7*	0.0255 *12*	^{74}As(17.77 d)	595.847(59), 608.353(0.552), 1204.208(0.285)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
887.2 *7*	0.13 *7*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
887.28 *10*	†7.08×10^3 *13*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
887.3	0.46 *15*	^{35}K(190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
887.3 *5*	†3.5 *4*	^{103}Mo(67.5 s)	83.4(†100), 423.91(†69), 45.8(†57)
887.3 *3*	0.29 *6*	^{141}Eu(2.7 s)	394.0(0.60), 882.9(0.54), 518.8(0.45)
887.3 *1*	0.17 *4*	^{208}Fr(59.1 s)	635.8(10), 778.5(6.8), 325.3(5.2)
• 887.3 *3*	†2.2×10^3 *5*	^{241}Am(432.2 y)	59.537(†60), 26.345(†1000×10^9), 33.195(†6000×10^8)
887.33 *10*	0.028 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
887.34 *29*	0.053 *12*	^{164}Yb(75.8 m)	40.928(1.147), 675.41(0.38), 390.6(0.31)
887.40 *17*	0.44 *4*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
887.4 *4*	0.078 *17*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
887.46 *18*	0.012 *9*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
887.5 *3*	0.23 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
887.60 *5*	17.4 *7*	^{114}Sb(3.49 m)	1299.90(99), 327.18(7.0), 717.30(4.6)
• 887.6 *6*	0.0027 *9*	^{151}Pm(28.40 h)	340.08(23), 167.75(8.3), 275.21(6.8)
887.6 *2*	0.248 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 887.693 *15*	0.149 *3*	^{67}Ga(3.2612 d)	93.311(39.2), 184.577(21.2), 300.219(16.80)
887.7 *2*	0.24 *5*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
887.72 *10*	†32 *5*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
887.81 *10*	4.3 *6*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
887.86 *20*	†4.6	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
887.9 *10*		^{77}Ga(13.2 s)	469.4(†100), 458.6(†48), 2187.3
887.9 *6*	0.64 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
887.9 *5*	0.18 *4*	^{98}Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
887.9		^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
887.981 *16*	0.748 *11*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
888.0		^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
• 888.1 *9*	0.021 *12*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
888.1 *5*	0.5 *1*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
888.1 *4*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
888.13 *5*	21.8 *11*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 710.312(21.4)
888.20 *8*	38.7 *12*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 185.289(14.4)
888.20 *8*	0.061 *11*	^{162}Ho(15.0 m)	80.660(8.0), 1319.3(3.8), 1372.8(0.81)
888.20 *8*	0.06 *5*	^{162}Ho(67.0 m)	185.005(28.6), 1220.0(22.5), 282.864(11.3)
888.3 *2*	0.09 *3*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
888.3 *3*	0.14 *4*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
888.3 *4*	0.13 *7*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
888.3 *3*	†0.76 *14*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
888.4	36 *9*	^{40}S(8.8 s)	211.55(72), 431.5(37), 676.8(27)
888.4 *5*	0.27 *6*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
888.43 *15*	0.10	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 888.46 *15*	1.08 *25*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
888.5 *5*	0.056 *9*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
888.5 *3*	0.64 *9*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
888.53 *15*	0.83 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
888.58 *14*	0.67 *5*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
888.6 *5*	0.067 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
888.6 *5*	0.81 *19*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
888.7 *3*	0.23 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
888.70 *21*	0.085 *17*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
888.7 *3*	0.63 *15*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
888.7 *1*	0.49 *5*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
888.7 *5*	0.035 *8*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)