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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1581.4 *2*	0.121 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1581.5 *3*	0.71 *6*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1581.54 *9*	13.7 *13*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
1581.6 *2*	0.7 *3*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1581.6 *1*	1.79 *6*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1581.66 *12*	0.0030 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1581.7 *8*	0.07 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1581.75 *4*	0.88 *6*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1581.8 *2*	0.128 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1581.8 *3*	†5 *1*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
• 1581.89 *8*	0.187 *4*	^{166}Ho(26.83 h)	80.574(6.71), 1379.40(0.93), 1662.48(0.120)
1581.89 *8*	0.028 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1581.9 *8*	1.9 *4*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1581.99 *22*	†0.36 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1582 *1*	0.006 *6*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
1582.0 *1*	0.0104 *19*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1582.0 *13*	0.20 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1582.00	0.030	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1582.2 *6*	0.25 *12*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1582.2 *6*	0.22 *22*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
1582.24 *20*	0.040 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1582.27 *15*	6.3 *4*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
• 1582.33 *6*	0.00295 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1582.4 *7*	0.019 *6*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1582.56 *7*	0.633 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1582.6 *3*	0.48 *5*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1582.6 *6*	0.18	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1582.66 *5*	0.0433 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1582.8 *4*	†0.43 *14*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1582.9 *4*	†74.4 *30*	^{37}P(2.31 s)	646.17(†100), 2254.1(†8.2), 751.32(†7.2)
1582.9 *3*	0.090 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1582.9	1.6	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1582.9 *3*	†1.6 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1583.1 *3*	0.085 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1583.1 *1*	0.053 *25*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1583.1	†2.8	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1583.2 *5*	0.121 *13*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1583.2 *9*	0.07 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1583.22 *4*	0.703 *14*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1583.3	†28	^{99}Cd(16 s)	342.6(†100), 671.8(†31), 975.4(†11)
• 1583.30 *30*	0.0582 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1583.5 *1*	9.8 *8*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1583.5 *2*	0.25 *3*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
1583.51 *19*	0.38 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1583.58 *8*	0.312 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1583.6	4.48	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1736.8(3.80)
1583.8 *3*	0.202 *22*	^{58}Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
1583.8 *5*	†3.8	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1583.8 *1*	†0.97 *13*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1583.85 *36*	†9 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1583.9 *5*	0.20 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1583.95 *4*	0.396 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1584.02 *10*	5	^{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: $E_\gamma(I_\gamma)$
• 1584.08 *10*	0.58 *3*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1584.08 *10*	2.64 *4*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1584.1 *3*	0.32 *6*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
1584.1 *2*	0.0170 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1584.13 *10*	4.60 *25*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1584.23 *20*	0.161 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1584.3 *10*	0.026 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1584.3 *4*	1.82 *19*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1584.3 *7*	0.04 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1584.4 *2*	1.19 *7*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1584.49 *10*	1.89 *18*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1584.5		^{127}Sn(4.13 m)	490.9(90), 1348.0(4.8), 1564.0(4.0)
1584.5 *8*	†>0.6	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1584.6 *7*	3.5 *3*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
1584.6 *2*	0.010 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1584.6 *6*	0.25 *8*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1584.62 *6*	2.39 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1584.7 *3*	0.15 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1584.7 *4*	0.12 *4*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 1584.70 *9*	0.140 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1584.77 *5*	0.69 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1584.8 *2*	0.0113 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1584.83 *5*	7.3 *6*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1584.9 *9*	0.14 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1585.0 *5*	†1.6 *4*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1585.1 *4*	0.38 *6*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
1585.1 *2*	0.40 *5*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1585.20 *7*	0.44 *3*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1585.2 *10*	0.29 *19*	^{128}Sb(10.4 m)	753.82(96.4), 743.22(96), 314.12(89)
1585.2 *6*	0.141 *25*	^{140}Pm(9.2 s)	773.74(5.0), 477.1(2.6), 1204.8(1.9)
1585.2 *4*	0.051 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1585.30 *20*	1.1 *4*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1585.3 *2*	0.0234 *21*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1585.3 *2*	0.400 *16*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1585.34 *5*	0.491 *23*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1585.4 *2*	0.172 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1585.51 *9*	0.69 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1585.6 *4*	5.6 *3*	^{29}Na(44.9 ms)	54.6(<41), 2560(36), 1638.0(5.9)
1585.6 *2*	0.047 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1585.6 *1*	0.168 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1585.6 *5*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1585.7 *2*	0.5	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
1585.7 *30*	0.18 *4*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1585.7 *3*	0.11 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1585.8 *4*	0.004 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1585.8 *4*	0.0090 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1585.9 *2*	0.142 *22*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1585.90 *97*	0.040 *20*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1585.9 *7*	†2.9 *6*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1585.9 *1*	0.144 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1586.0 *7*	0.8 *3*	^{135}Nd(12.4 m)	204.02(52), 41.43(23), 441.2(14.9)
1586.0 *4*	1.60 *24*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1586.1 *3*		^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
1586.1 *2*	0.0049 *25*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1586.23 *15*	†22.9 *15*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1586.28	0.06 *3*	^{42}Ti(199 ms)	611.046(56), 2222.6(0.67), 636.4(0.7)
1586.3 *1*	†0.35 *4*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1586.3 *7*	†2.8 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1586.4	0.035 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1586.5 *2*	0.32 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1586.66 *24*	8.9 *5*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1586.68 *8*	0.027 *5*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1586.7 *10*	2.3 *3*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1586.73 *17*	0.098 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1586.8 *8*	1.1	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1586.8 *5*	0.055 *9*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
1586.84 *8*	0.206 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 1586.88 *15*	0.56 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1586.89 *7*	0.85 *5*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1586.92 *14*	†24 *4*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1587 *1*		^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
1587.0 *15*	0.028 *7*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1587.0 *2*	0.66 *6*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1587.1 *5*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1587.1 *2*	0.028 *4*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1587.251 *19*	0.018 *4*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1587.4 *3*	0.35 *10*	^{142}Tb(597 ms)	515.0(25), 465.0(2.7), 853.1(2.42)
1587.6 *6*	0.12 *3*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1587.6 *5*	0.0026 *9*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1587.66 *6*	1.44 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1587.69 *15*	1.94 *16*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
1587.7 *1*	0.140 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1587.75 *10*	8.8 *6*	^{86}Nb(88 s)	751.74(97.8), 914.81(78.1), 1003.24(37.4)
1587.8 *2*	0.074 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1587.87 *17*	0.180 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1587.9 *5*	0.45 *9*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
• 1587.9 *3*	0.00033 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1587.9 *6*	0.034 *11*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1587.9 *4*	0.17 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1587.9 *2*	0.9 *3*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
1587.9 *2*	5.3 *17*	^{100}Ag(2.24 m)	665.54(86), 750.67(>26), 1693.9(14.7)
1587.9 *5*	0.26 *13*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1588.2 *4*	0.005 *3*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1588.2 *20*	0.050 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1588.2 *1*	0.041 *4*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1588.21 *3*	3.27 *11*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1588.21 *3*	2.53 *11*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1588.4 *5*	0.12 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 1588.42 *20*	0.0112 *20*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1588.5 *12*	0.0033 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1588.5 *3*	†2.2 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1588.6 *6*	0.10 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1588.6 *7*	0.08 *4*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1588.6 *5*	0.24 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1588.7 *3*	0.335 *22*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1588.7 *15*	0.30 *7*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1588.7 *2*	0.17 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1588.7	0.29	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1588.7 *4*	†0.109 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1588.7 *7*	0.220 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1588.8 *4*	1.2 *4*	^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
1588.8 *6*	0.7 *5*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1588.9	0.36	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1589.1 *3*	0.042 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1589.1 *17*	0.07	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1589.11 *5*	2.65 *22*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1589.19 *15*	0.169 *18*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1589.2 *5*	0.11 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1589.3	0.95 *16*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
1589.3 *6*	2.7 *3*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1589.3 *5*	0.67 *20*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1589.34	0.20	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1589.41 *12*	0.40 *5*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1589.50 *30*	0.21 *3*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1589.5 *4*	0.43 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1589.62 *10*	0.140 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1589.63 *6*	4.2 *2*	^{28}Mg(20.91 h)	30.6383(95), 1342.27(52.6), 941.72(38.3)
1589.70 *20*	0.28 *11*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
1589.73 *12*	0.282 *15*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1589.9 *3*	0.17 *8*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1589.91 *16*	†1.14 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1589.93 *13*	0.83 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1589.94 *25*	0.0030 *4*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
1590 *30*	2.0 *10*	^{210}Tl(1.30 m)	799.7(99), 298(79), 1316(21)
1590.04 *9*	0.0280 *21*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1590.2 *13*	0.11 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1590.21 *15*	1.6 *2*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1590.3 *3*	0.098 *11*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1590.3 *3*	2	^{207}Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
• 1590.35 *5*	0.480 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1590.5 *5*	0.00024 *5*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1590.5 *1*	0.097 *4*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1590.6 *4*	1.0 *3*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
1590.68 *5*	0.52 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1590.85 *3*	37.8 *6*	^{50}Ca(13.9 s)	256.894(98), 1519.30(62.0), 71.552(52)
1590.9 *6*	0.24 *5*	^{92}Tc(4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
1590.9 *2*	5.7 *7*	^{98}Y(2.0 s)	1223.0(80), 620.505(63), 647.58(53)
1590.9 *2*	14.7 *8*	^{98}Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 4450.2(8.9)
1591.0 *5*	†2.4 *10*	^{152}Pr(3.24 s)	164.2(†100), 284.9(†81.0), 72.40(†38.9)
1591.05 *22*	0.022 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1591.1 *11*	0.0009 *3*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1591.2 *5*	0.100 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1591.2 *8*	0.08 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1591.4 *6*	0.12 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
• 1591.4 *2*	0.0252 *19*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1591.4 *3*	0.076 *10*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1591.5 *5*	>0.16	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1591.59 *54*	0.055 *16*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1591.6 *1*	0.43 *3*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1591.6 *3*	0.11 *3*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1591.7 *4*	0.21 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1591.73 *11*	0.061 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1591.77 *6*	0.153 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 1592.05 *20*	0.139 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1592.1 *3*	2.25 *20*	^{94}Tc(293 m)	871.082(100), 702.626(99.6), 849.74(95.7)
1592.1 *3*	0.188 *12*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1592.2 *3*	†0.17 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1592.3 *1*	0.0126 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1592.33 *13*	0.00075 *20*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1592.4 *2*	0.46 *5*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1592.4 *2*		^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
1592.4	0.044 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 1592.4 *1*	1.08 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
• 1592.5 *3*	0.0138 *18*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1592.5 *2*	0.024 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1592.5 *3*	0.48 *5*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1592.58 *15*	0.26 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1592.6 *5*	1.8	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1592.6 *3*	0.070 *7*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1592.6 *2*	0.102 *10*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1592.61 *25*	†3.5 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
• 1592.68 *8*	0.0208 *12*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1592.68 *8*	0.12 *7*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1592.7 *1*	1.62 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1592.8 *4*	0.016 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1592.8 *2*	0.25 *3*	^{136}I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
• 1592.8 *2*	0.322 *14*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1592.88 *15*	1.47 *24*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1592.9 *4*	1.61 *10*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1592.9 *3*	0.047 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1592.9 *6*	1.1	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1593.0 *10*	0.66 *13*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1593 *1*	2.4 *8*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
• 1593.03 *4*	0.115 *8*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1593.05 *11*	0.041 *11*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1593.1 *2*	0.35 *4*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1593.1 *3*	2.61 *9*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1593.2 *4*	†0.42 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1593.2 *5*	0.5 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
1593.24 *20*	0.035 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1593.4 *3*	†9 *1*	^{181}Ir(4.90 m)	107.64(†100), 1639.6(†52), 318.9(†46)
1593.42 *2*	0.11 *8*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 1593.5 *1*	0.60 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1593.5 *6*	0.10 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1593.6 *3*	0.34 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1593.6 *5*	6.3 *14*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
1593.6 *3*	0.28 *6*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
1593.6 *3*	0.8 *2*	^{128}In(0.72 s)	831.54(100), 1168.80(100), 120.54(11.1)
1593.6 *2*	†2.9 *7*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1593.6 *3*	0.60 *6*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1593.6 *2*	2.13 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1593.7 *8*	0.14 *4*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1593.73 *10*	1.1 *1*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1593.8 *1*	0.176 *11*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1593.88 *10*	†2.69×10^{3} *10*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1593.9 *5*	0.137 *10*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1593.9 *4*	0.174 *18*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1593.9 *3*	†3.6 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1594.0 *6*	0.0031 *6*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1594 *1*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1594.0 *1*	0.309 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1594.01 *18*	0.40 *9*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1594.15 *17*	0.41 *4*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1594.2 *5*	0.094 *23*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
1594.30 *30*	0.59 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1594.4 *6*	0.051 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1594.5 *2*	0.30 *3*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1594.5 *2*	0.45 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1594.5		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1594.52 *6*	0.055 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1594.6 *6*	0.26 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1594.61 *12*	0.58 *4*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1594.7 *5*	0.050	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1594.7 *4*	0.10 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1594.73 *18*	†1.24 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1594.73 *8*	0.31 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1594.772 *23*	0.0054 *18*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1594.8 *3*	0.13 *6*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1594.8 *9*	0.030 *13*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1594.8 *5*	0.056 *9*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1594.8 *7*	0.62 *6*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1595.09 *11*	0.150 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1595.1 *5*	†1.4 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1595.1 *4*	0.038 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1595.16 *17*	1.75 *22*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
• 1595.2 *5*	0.023 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 1595.27 *8*	5.01 *6*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1595.3 *15*	0.19	^{117}Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
1595.3 *3*	0.00206 *16*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1595.3 *3*	0.40 *8*	^{141}Eu(2.7 s)	394.0(0.60), 882.9(0.54), 518.8(0.45)
1595.32 *7*	0.420 *19*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1595.43 *11*	0.270 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1595.47 *14*	0.21 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1595.5 *4*	0.010 *4*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1595.6 *10*	0.35 *11*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1595.76 *7*	0.00162 *16*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1595.76 *7*	1.68 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1595.80 *15*	0.43 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1596.0 *4*	0.03 *3*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1596.1 *3*	0.14	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1596.2 *5*	0.017 *6*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1596.20 *6*	1.37 *7*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1596.2 *8*	†3.74 *23*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
• 1596.210 *35*	95	^{140}La(1.6781 d)	487.021(45.5), 815.772(23.28), 328.762(20.3)
1596.210 *35*	0.50	^{140}Pr(3.39 m)	306.9(0.151), 751.637(0.032), 925.189(0.0260)
• 1596.3 *2*	0.269 *11*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1596.4 *4*	0.015 *5*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1596.4 *5*	0.15 *4*	^{190}Re(3.1 m)	186.718(48.4), 557.972(28.2), 223.811(26.0)
• 1596.495 *18*	1.798 *11*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1596.5 *3*	1.2	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1596.5 *5*	0.022	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1596.58 *2*	0.034 *3*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1596.70 *7*	4.24 *9*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1596.70 *7*	0.0239 *16*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1596.7 *1*	4.2 *4*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1596.7 *5*	0.009 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1596.7 *10*	2.3	^{183}Lu(58 s)	1125.3(25.0), 1056.8(16.5), 168.1(7.5)
1596.87 *7*	0.79 *4*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1596.9 *4*	0.133 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1596.9 *5*	0.139 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1596.9 *2*	†4.9 *18*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1596.9 *4*	†4.3 *9*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1596.9 *7*	0.020 *5*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1596.9 *3*	†0.68 *15*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1597.2 *2*	0.131 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1597.23 *55*	0.023 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1597.31 *13*	0.87 *8*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1597.4 *3*	1.7 *6*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
1597.4 *6*	0.098 *12*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
• 1597.55 *30*	0.072 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1597.6 *5*	0.123 *15*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1597.6 *3*	0.28 *7*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 1597.64 *15*	0.0321 *24*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1597.7 *3*	49	^{127}In(1.09 s)	646.1(6.2), 805.1(5.6), 1048.6(5.3)
1597.7 *5*	0.17 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1597.78 *6*	0.0192 *12*	^{19}O(26.91 s)	197.142(95.9), 1356.843(50.4), 109.894(2.71)
1597.80 *38*	2.28 *17*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1598.0 *5*	2.6 *3*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1598.0 *3*	0.084 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1598.0 *5*	0.006 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1598.04 *7*	0.102 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1598.2 *8*	0.009 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1598.2 *4*	0.55 *9*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1598.3 *8*	0.26 *8*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1598.3 *3*	0.34 *6*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
1598.31 *18*	0.129 *13*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1598.4 *4*	1.2 *3*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1598.42 *11*	0.49 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1598.5 *9*	0.52 *13*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1598.5 *8*	0.030 *12*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1598.5 *8*	0.12 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 1598.505 *25*	0.0353 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1598.6 *20*	0.095 *11*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1598.7 *3*	0.21 *5*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1598.7 *3*	0.24 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1598.90 *24*	0.065 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1598.9 *4*	†5.5 *11*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1598.9 *4*	†4.5 *20*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1599.0 *10*	0.97 *14*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
1599.0 *20*	0.039 *10*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1599.23 *12*	1.16 *19*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1599.28 *6*	1.75 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1599.3 *8*	0.0079 *13*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1599.3 *6*	0.17 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1599.31 *6*	0.38 *5*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1599.39 *6*	†1.52 *5*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1599.5 *5*	†9.0 *15*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1599.57 *4*	0.265 *7*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1599.60 *4*	0.258 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1599.7 *2*	2.0 *3*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1599.70 *18*	†0.90 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1599.70 *2*	13.4 *6*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
1599.79 *21*	0.145 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1599.8 *2*	0.0046 *8*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1599.90 *8*	2.62 *22*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1599.9 *5*	0.6 *3*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1599.9 *4*	0.112 *22*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1600.0 *3*	0.69 *10*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
1600 *2*	1.02 *19*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1600.0 *4*	0.16 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1600.0 *10*	0.17 *4*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1600		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1600.06 *30*	0.046	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1600.1 *1*	1.76 *10*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1600.3 *3*	0.82 *17*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1600.3 *3*	3.6 *5*	^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
1600.4 *4*	0.8 *2*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1600.4 *5*	0.12 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1600.55 *15*	0.0042 *3*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1600.6 *3*	†5.45 *23*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1600.6	0.064 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1600.7 *3*	0.072 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1600.7 *5*	0.022 *8*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1600.7 *3*	4.0 *4*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1600.9 *6*	0.00013 *3*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
• 1601.00 *5*	0.0082 *3*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1601.0 *15*	0.058 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1601.1 *15*	0.23 *4*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 1601.20 *30*	0.116 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1601.3 *3*	0.58 *7*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1601.3	0.07	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1601.3 *5*	0.25 *4*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1601.4 *6*	0.082 *15*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1601.43 *10*	1.4 *1*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1601.43 *13*	†16.4 *7*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1601.5 *2*	0.19 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
• 1601.5 *15*	0.010	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1601.5 *4*	0.178 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1601.53 *17*	0.0078 *20*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1601.6 *20*	0.15 *4*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1601.62 *29*	0.18 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1601.63 *16*	0.168 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1601.7 *2*	4.05 *23*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
1601.7 *3*	0.014 *3*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1601.7 *5*	0.22 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1601.75 *10*	0.68 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1601.8 *4*	1.81 *8*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
1601.8 *2*	3.0 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(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: $E_\gamma(I_\gamma)$
1601.80 *4*	†4.7×10^2 *22*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 1601.80 *4*	9.1 *4*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1435.36(6.38)
1601.8 *3*	0.0027 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1601.94 *7*	0.00195 *20*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1601.94 *7*	0.26 *3*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1602.0 *2*	0.29 *3*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
• 1602.0 *2*	0.0071 *6*	^{74}As(17.77 d)	595.847(59), 608.353(0.552), 1204.208(0.285)
1602.0 *4*	0.094 *20*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1602.0 *4*	0.019 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1602.0 *10*	1.1 *4*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1602.1 *5*	0.029 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1602.2 *3*	†1.9 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
• 1602.20 *30*	0.103 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1602.2 *2*		^{199}Pb(12.2 m)	366.90(7), 382.8, 2751.9
1602.3 *4*	0.039 *8*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
• 1602.54 *3*	0.298 *9*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1602.58 *11*	0.127 *10*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1602.6 *9*	0.41 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1602.68 *17*	0.35 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1602.7 *2*	3.9 *3*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
• 1602.74 *14*	0.0025 *3*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1602.8 *2*	0.266 *15*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1602.9 *3*	0.42 *4*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1603.0 *7*	0.067 *14*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1603.0 *10*	0.051 *13*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1603.05 *20*	0.125 *14*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1603.2 *7*	0.39 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
• 1603.28 *6*	0.0039 *7*	^{57}Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
1603.3 *3*	†0.57 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1603.4 *3*	†17 *3*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
1603.46 *18*	0.054 *16*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1603.5 *5*	†0.31 *4*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1603.5 *8*	0.028 *10*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
1603.52 *20*	0.46 *5*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1603.6 *3*	0.46 *4*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1603.6 *5*	†0.22 *5*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1603.79 *5*	0.46 *3*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1603.8 *7*	1.18 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1603.9 *3*	0.171 *15*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1603.96 *10*		^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
1604 *1*	0.102 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1604.03 *3*	3.65 *23*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1604.09 *18*	0.121 *10*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1604.14 *5*	0.102 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1604.19 *7*	†2.06 *11*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1604.327 *15*	0.15 *3*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 1604.327 *15*	1.17 *10*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1604.38 *23*	1.60 *23*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1604.48 *4*	0.0036 *9*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1604.5 *5*	0.07 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1604.57 *11*	0.25 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1604.6 *8*	0.045 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1604.6 *6*	1.1	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1604.7 *1*	3.65 *13*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1604.7 *2*	0.119 *13*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1604.8 *2*	0.0085 *8*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
1604.8 *3*	0.037 *5*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1604.9 *2*	0.4 *1*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1604.93 *7*	0.55 *3*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1605	†1.4	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1605 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1605.0 *10*	0.19	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1605.1 *3*	†0.86 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1605.1 *5*	0.37 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1605.20 *10*	7.77 *24*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1564.90(6.88)
1605.3 *6*	0.045 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1605.4 *2*	2.65 *8*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1605.4 *4*	1.48 *17*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1605.41 *5*	3.70 *17*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1605.5 *5*	0.15 *6*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1605.5 *5*	0.020 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1605.5 *20*	0.17 *8*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1605.6 *5*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 1605.62 *7*	0.0075 *6*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
1605.62 *7*	†3.7 *9*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1605.7 *8*	0.09	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1605.72 *21*	0.129 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 1605.749 *21*	0.0139 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1605.80 *17*	0.0102 *10*	^{91}Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
1605.8 *2*	†4.8 *11*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 1605.9 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1606	>0.035	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1606.00 *12*	0.410 *23*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
• 1606.0 *7*	0.009 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1606.2 *1*	8.5 *10*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1606.2 *2*	0.072 *6*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1606.2 *3*	0.59 *9*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1606.3 *5*	0.256 *25*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1606.33 *20*	0.0014 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1606.4 *3*	0.6231 *14*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1606.4 *4*	†0.35 *4*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1606.4 *4*	0.164 *17*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
1606.5 *2*	0.0208 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1606.5 *10*	0.027 *4*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1606.57 *28*	†2.3 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1606.8 *7*	0.118 *24*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1606.8 *3*	0.138 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1606.9 *10*	†2.1 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1606.93 *10*	0.348 *18*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1607 *1*		^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1607 *1*	0.13 *5*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1607.00 *6*	0.22 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1607.0 *4*	0.095 *14*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1607.01 *22*	†3.5 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1607.1 *2*	0.012 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
1607.1 *5*	0.029 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1607.15 *28*	0.15 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1607.18 *3*	0.149 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1607.2 *4*	0.08 *4*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1607.29 *12*	0.045 *3*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1607.3 *2*	1.01 *5*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
1607.32 *7*	1.40 *9*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1607.5 *9*	0.252 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1607.51 *6*	0.068 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1607.6	†56 *8*	^{34}Si(2.77 s)	1178.5(†100), 429.07(†94)
1607.6 *2*	0.96 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1607.6 *4*	0.40 *6*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1607.6 *5*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1607.6 *2*	0.055 *5*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1607.65 *40*	0.26 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1607.7 *3*	0.0020 *3*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1607.7 *8*	†>0.32	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1607.70 *25*	†0.75 *6*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1607.76 *32*	0.17 *5*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1607.9 *2*	0.0183 *24*	^{141}Nd(2.49 h)	1126.8(0.8), 1292.6(0.46), 1147.2(0.306)
1607.9 *4*	†1.6 *4*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
1608.0	1.1	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1608.0	0.9	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
1608.01 *20*	0.069 *17*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1608.09 *3*	0.0418 *25*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1608.1 *4*	0.22 *6*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
1608.2	0.035 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1608.3 *3*	†0.28 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1608.36 *8*	0.09 *3*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 1608.36 *8*	0.0050 *4*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1608.38	0.12	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1608.4 *5*	0.120 *14*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1608.5 *10*	0.48 *19*	^{128}Sb(10.4 m)	753.82(96.4), 743.22(96), 314.12(89)
1608.5 *4*	0.67 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1608.5 *10*	0.064 *9*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
• 1608.56 *15*	4.14 *24*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1608.56 *15*	0.109 *6*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1608.68 *11*	0.15	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1608.7 *5*	†0.42 *11*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1608.7 *6*	0.095 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1608.7 *6*	0.101 *22*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1608.80 *30*	0.31 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1608.8 *2*	1.4 *3*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1608.80 *6*	0.463 *24*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1608.90 *12*	0.45 *7*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1609.0 *3*	0.12 *4*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1609.0 *2*	4.3 *4*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1609.0 *3*	†4.2 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1609.1 *6*	0.072 *15*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1609.14 *14*	0.0178 *21*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1609.2 *3*	0.098 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1609.3 *3*	0.14 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1609.3	0.041 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
• 1609.40 *20*	0.215 *11*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1609.43 *5*	0.143 *3*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1609.47 *8*	0.0080 *16*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1609.5 *5*	2.29 *18*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1609.6	†20	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1609.6 *7*	0.05 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1609.62 *5*	0.0212 *21*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
1609.7 *4*	0.74 *12*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
1609.7 *1*	10.9 *7*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1763.7(9.2)
1609.77 *20*	0.194 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1610.0 *5*	0.39 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1610.2 *2*	0.074 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1610.2 *4*	0.075 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1610.24 *7*	0.021 *3*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1610.3 *6*	0.263 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1610.43 *5*	0.0960 *20*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
1610.47 *22*	1.31 *5*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
1610.5 *3*	0.140 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1610.52 *22*	0.0037 *12*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1610.6 *5*	0.016 *4*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
1610.6 *2*	0.327 *17*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1610.67 *7*	†225 *18*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1610.67 *10*	0.57 *4*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1610.7 *2*	0.34 *4*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
• 1610.70 *15*	0.430 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1610.7 *10*	0.31 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1610.80 *11*	2.24 *11*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
1610.8 *4*	0.16 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1610.9 *2*	0.26 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1610.96 *21*	0.0031 *9*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1611.0 *3*	0.16 *5*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1611.0 *4*	0.142 *5*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1611.0 *10*	0.25 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1611.0 *3*	0.25 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1611	†3	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1611.18 *14*	0.104 *15*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
1611.2 *5*	0.31 *13*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1611.2 *8*	†>0.32	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1611.3 *4*	0.109 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1611.3 *4*	0.36 *3*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1611.3 *6*	0.27 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1611.4 *4*	0.46 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1611.48 *15*	0.198 *15*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1611.5 *3*	0.039 *8*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1611.5 *3*	0.004 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1611.5 *2*	†0.50 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
• 1611.6 *4*	0.0077 *5*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1611.6 *4*	0.28 *6*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1611.6 *1*	0.090 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1611.711	9.48 *14*	^{25}Na(59.1 s)	974.72(14.95), 585.03(13.00), 389.70(12.68)
1611.711	0.79 *3*	^{25}Al(7.183 s)	974.72(0.024), 389.70(0.023), 585.03(0.023)
1611.75 *10*	5.6 *4*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1611.76 *3*	2.38 *7*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1611.97 *25*	1.27	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1612.1 *1*	0.0959 *9*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
1612.15 *25*	0.20 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1612.2 *5*	0.012 *3*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1612.28 *16*	0.168 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1612.3 *5*	0.27 *4*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
1612.3 *2*	0.149 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1612.4 *1*	5.8 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1612.4 *4*	0.15 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1612.5 *3*	0.96 *4*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1612.52 *6*	0.125 *9*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1612.63 *12*	0.17	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1612.7 *3*	0.45 *6*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
• 1612.7 *5*	0.015 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1612.7	0.23	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1612.7 *7*	0.99 *10*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1612.78 *5*	0.73 *3*	^{57}Mn(87.2 s)	122.0614(13.9), 14.41300(10.56), 692.03(5.50)
1612.87 *11*	1.67 *10*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1612.9 *4*	0.92 *5*	^{73}Zn(23.5 s)	218.1(6.00), 910.5(1.91), 495.6(1.48)
1612.9 *10*	0.013 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1613.0 *7*	36	^{31}Mg(230 ms)	946.8(31.5), 1626.1(24.8), 666.1(10.6)
1613.0 *5*	1.40 *25*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1613		^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
1613.0 *5*	6	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1613.1 *1*	0.0254 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1613.2 *3*	0.47 *12*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1613.2 *5*	0.21 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1613.3 *2*	0.296 *23*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
1613.3 *3*	0.27 *3*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1613.33 *8*	0.34 *6*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1613.4 *6*	0.11 *3*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1613.46 *13*	†15.1 *7*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1613.5 *2*	3.3 *9*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1613.54 *18*	2.8 *3*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1613.6 *4*	0.039 *6*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
1613.6 *2*	0.21 *4*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1613.6 *3*	0.137 *21*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
1613.7 *3*	0.71 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1613.75 *14*	0.026 *6*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1613.800 *43*	4.29 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1613.8 *1*	0.263 *17*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1613.8 *3*	0.018 *5*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1613.8 *4*	0.034 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1613.9 *1*	0.030 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1613.9 *1*	0.988 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1613.9 *1*	0.130 *11*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1613.9 *9*	†6.7 *13*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1613.9 *3*	0.10 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1613.97 *9*	0.143 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1614.07 *14*	1.04 *7*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1614.09 *20*	0.137 *23*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1614.1 *6*	0.48 *6*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1614.10 *4*	0.447 *16*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1122.15(0.168)
1614.10 *4*	0.26 *3*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
1614.1 *7*	0.056 *7*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1614.2 *3*	0.55 *11*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
• 1614.31 *3*	0.100 *4*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1614.4 *5*	6	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1614.5 *3*	0.30 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1614.57 *18*	0.236 *25*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1614.65 *25*	2.7 *3*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
• 1614.67 *15*	0.009 *3*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
• 1614.70 *30*	0.0367 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1614.9 *3*	0.073 *12*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1615.0 *10*	0.15 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1615.0 *4*	0.058 *6*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1615.0 *3*	0.16 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 1615.1 *10*	0.011 *4*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
1615.1 *7*	0.06 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1615.25 *15*	0.159 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1615.29 *4*	0.0459 *22*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1615.29 *4*	1.76 *17*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
1615.3 *7*	†20.8 *8*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1615.3 *5*	0.117 *19*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
1615.3 *6*	0.22 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1615.4 *4*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1615.50 *10*	1.67 *17*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
1615.7 *1*	0.98 *8*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1615.8 *5*	0.44 *7*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1615.86 *9*	2.46 *13*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1615.88 *7*	0.0289 *21*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1615.88 *18*	0.33 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1616.0 *3*	0.05 *5*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1616 *1*	0.36	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1616.0 *10*	0.062 *13*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1616.1 *7*	†4.0 *4*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1616.18 *10*	1.3	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1616.2 *4*	0.164 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1616.2 *1*	0.0118 *12*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1616.3 *6*	†1.0 *3*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1616.3 *3*	0.056 *8*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1616.3 *3*	0.22 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1616.3 *2*	0.0030 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1616.31 *17*	0.105 *14*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1616.4 *3*	0.14 *4*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1616.4 *5*	0.66 *8*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1616.5 *5*	0.22 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1616.6 *5*	0.73 *10*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
1616.7 *6*	†0.60 *25*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1616.7 *3*	0.20 *5*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 1616.80 *20*	0.178 *20*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
1616.9 *8*	0.067 *24*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1617 *1*	1.5 *4*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
1617.0 *8*	0.9 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1617.0 *3*	0.040 *12*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1617.05 *40*	0.032	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1617.06 *21*	0.051 *11*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1617.1 *5*	0.11 *3*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1617.1 *1*	0.91 *8*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
• 1617.121 *29*	0.0203 *5*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1617.2 *3*	0.128 *18*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1617.2 *8*	0.13 *4*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1617.2 *3*	†2.9 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1617.33 *6*	4.2 *4*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1617.45 *15*	0.0245 *24*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
• 1617.73 *15*	0.204 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1617.8 *2*	1.65 *8*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
1617.9 *2*	0.010 *5*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1617.94 *6*	0.37 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1618.0 *3*	0.25 *4*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1618.2 *7*	0.28	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1618.20 *19*	0.035 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1618.2 *6*	1.32 *16*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1618.3 *3*	0.0113 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1618.3 *2*	0.009 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1618.4 *3*	1.9 *7*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1618.44 *13*	0.30 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 1618.48 *4*	0.711 *16*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1618.5 *4*	1.47 *11*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1618.5 *2*	0.541 *18*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1618.6 *2*	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1618.7 *3*	0.20 *16*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1618.7 *4*	0.144 *19*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1618.75 *11*	0.22 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1618.8 *4*	0.17 *3*	^{70}Se(41.1 m)	49.51(35.8), 426.15(29), 376.65(9.43)
• 1618.8 *4*	0.49 *4*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1618.80 *4*	0.115 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1618.9 *2*	0.37 *4*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1618.9 *4*	†0.24 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1618.9 *3*	0.007 *5*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1618.9 *3*	0.39 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1618.9 *7*	†4.7 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1619.1 *5*	0.06	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1619.17 *7*	0.087 *19*	^{54}V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
1619.2 *5*	0.15 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1619.2 *1*	0.293 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
• 1619.2		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1619.2 *5*	0.052 *10*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1619.2 *2*	0.0115 *16*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1619.23 *13*	1.58 *14*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
• 1619.25 *4*	0.367 *16*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1619.3 *2*	0.073 *11*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1619.3 *8*	0.57 *20*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1619.4 *3*	†0.50 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1619.5 *10*	0.06 *5*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 1619.65 *30*	0.090 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1619.65 *15*	0.23 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1619.7 *3*	5.0 *3*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1619.9 *1*	0.50 *8*	^{53}Fe(8.51 m)	377.88(42), 2273.5(0.38), 2748.8(0.14)
1620.0 *15*	1.6 *3*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1620.0 *2*	0.18 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1620.0 *5*	†5.3 *6*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1620		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1620.1 *6*	0.40 *16*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
• 1620.20 *4*	0.0381 *16*	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
1620.2 *3*	0.062 *18*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1620.22 *22*	0.152 *16*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1620.26 *6*	0.3 *1*	^{28}Mg(20.91 h)	30.6383(95), 1342.27(52.6), 941.72(38.3)
1620.3 *1*	0.10 *6*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1620.5 *5*	0.21 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1620.50 *10*	1.49 *3*	^{212}Bi(60.55 m)	727.330(6.58), 785.37(1.102), 1078.62(0.564)
1620.6	0.0011 *6*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
1620.70 *11*	0.19 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1620.7 *6*	0.112 *8*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1620.7 *3*	0.14 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1620.7 *4*	†1.3 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1620.74 *6*	0.481 *25*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
• 1620.89 *13*	0.072 *5*	^{89}Zr(78.41 h)	908.96(100), 1713.06(0.763), 1744.52(0.129)
1620.9 *7*	0.0012 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1620.9 *15*	0.072 *10*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1621.0 *5*	0.20 *8*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1621.1 *8*	0.038 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1621.1 *12*	0.26 *13*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1621.2 *4*	0.269 *25*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1621.36 *94*	0.05 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1621.4 *5*	1.6 *3*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1621.4	0.069 *18*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1621.4 *3*	0.026 *7*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1621.4 *20*	4.9 *6*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1621.4 *4*	0.017	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1621.5 *3*	†0.59 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
• 1621.510 *20*	4.64 *11*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1621.7 *5*	0.19	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1621.7 *5*	0.45 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1621.87 *10*	0.36 *10*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1621.87 *10*	0.22 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
• 1621.92 *3*	0.072 *5*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1621.92 *3*	2.16 *4*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1622.0 *5*	0.35 *11*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1622.1 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1622.1 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1622.1 *10*	0.10 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1622.2 *3*	0.49 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1622.22 *7*	0.064 *3*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1622.22 *7*	0.174 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1622.24 *20*	4.21 *23*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
1622.26	2.73 *5*	^{26}Si(2.234 s)	829.420(21.90), 1843.26(0.258), 416.848(>0.08)
1622.3 *4*	0.045 *5*	^{55}Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)
1622.3 *8*	1.98 *22*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
1622.3 *16*	0.12 *4*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1622.3 *7*	0.78 *8*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
• 1622.4 *5*	0.023 *4*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1622.4 *5*	0.056 *14*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1622.4 *1*	0.173 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1622.45 *3*	0.452 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1622.50 *10*	0.184 *24*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1622.55 *10*	0.91 *8*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1622.6 *6*	0.010 *3*	^{49}Sc(57.2 m)	1761.971(0.05)
1622.65 *5*	0.281 *4*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1622.7 *2*	0.30 *6*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1622.8 *3*	0.49 *7*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1622.8 *3*	1.41 *25*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1622.8 *10*	0.010 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1622.8 *3*	0.15 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1622.85 *11*	0.014 *5*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1622.9 *8*	0.06 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1622.9 *4*	0.192 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1622.95 *15*	0.00210 *15*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1623.0 *4*	0.054 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1623.0 *3*	0.32 *6*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1623.0 *5*	0.18 *7*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1623.0 *2*	0.094 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1623.0 *5*	0.030	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1623 *2*		^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
1623.34 *15*	0.18 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1623.4 *4*	0.11 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1623.4 *6*	0.28 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1623.42 *6*	0.498 *14*	^{65}Ni(2.5172 h)	1481.84(24), 1115.546(15.43), 366.27(4.81)
1623.6 *2*	0.73 *9*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1623.6 *2*	†11.0 *7*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1623.60 *9*	0.150 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1623.68 *13*	0.53 *3*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1623.7 *5*	0.68 *13*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1623.7 *1*	†6.2 *3*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1623.78 *10*	0.47 *3*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
1623.8 *7*	0.70 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1623.8	0.018 *8*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1623.80 *27*	†13 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1623.88 *5*	4.31 *19*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1623.9 *9*	0.4 *3*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
1623.9 *3*	0.048 *5*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1624.13 *14*	0.0054 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1624.2 *2*	0.0104 *17*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1624.4 *3*	0.29 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1624.4 *17*	0.035 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1624.4 *8*	0.36 *16*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1624.40 *12*	1.67 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1624.5 *4*	0.40 *10*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1624.5 *3*	0.45 *9*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 1624.7 *8*	0.009 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1624.7 *6*	0.23 *8*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1624.8 *5*	0.50 *3*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1624.8 *3*	0.23 *3*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
1624.8 *7*	†0.8 *3*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1624.99 *5*	0.263 *19*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1625.0 *7*	0.035 *23*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1625.0 *4*	3.38 *16*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
1625.0 *3*	0.070 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1625.10 *17*	0.089 *10*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1625.1 *3*	0.115 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1625.11 *13*	1.67 *11*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
1625.2 *5*	0.105 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1625.4 *3*	0.71 *5*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1625.4 *4*	0.013 *5*	^{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: $E_\gamma(I_\gamma)$
1625.4 *15*	0.12 *4*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 1625.5 *3*	0.046 *6*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1625.54 *25*	0.115 *20*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1625.6 *6*	3.7 *4*	^{96}Pd(122 s)	124.70(65), 762.3(50.0), 499.7(17.9)
1625.6	0.25	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1625.60 *26*	5.4	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1625.70 *18*	1.05 *7*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
1625.7 *8*	0.071 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1625.76 *20*	0.146 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1625.8 *4*	0.024 *7*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
1625.8 *1*	0.00039 *3*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
1625.8 *1*	5.1 *7*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1625.8 *6*	0.33 *10*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1625.9 *3*	0.59 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1625.9	0.20	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1625.903 *47*	0.154 *10*	^{96}Nb(23.35 h)	778.224(96.45), 568.80(58.0), 459.88(26.62)
• 1625.903 *47*	0.0010	^{96}Tc(4.28 d)	778.224(100), 849.929(98), 812.581(82)
1625.903 *47*	0.0124 *13*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
1625.95 *20*	†1.28 *9*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1626.0 *7*	0.33 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1626.1 *11*	24.8 *7*	^{31}Mg(230 ms)	1613.0(36), 946.8(31.5), 666.1(10.6)
• 1626.12 *14*	0.023 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1626.16 *14*	†3.4 *7*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1626.2 *8*	†0.9 *6*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1626.3 *5*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1626.39 *18*	0.064 *10*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1626.4 *2*	0.90 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1626.5 *12*	0.0004 *3*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
1626.58 *16*	0.048 *9*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1626.6 *8*	0.6 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1626.6 *3*	0.94 *16*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1626.6 *2*	0.0050 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1626.7 *4*	0.33 *10*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1626.70 *7*	0.28 *3*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1626.8 *2*	0.270 *16*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1626.8 *3*	0.013 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1627.0 *6*	0.092 *15*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1627.00 *10*	0.58 *5*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1627.01 *19*	0.0088 *17*	^{88}Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
1627.10 *6*	1.98 *10*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1627.13 *15*	1.73 *10*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1627.20 *20*	3.4	^{89}Nb(1.9 h)	1833.46(3.16), 3092.7(3.0), 2572.3(2.58)
1627.2 *10*	0.13 *6*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1627.3 *1*	1.57 *8*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1627.3 *1*	0.075 *8*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1627.3 *6*		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1627.4 *2*	2.20 *16*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1627.4 *4*	0.025 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1627.4 *3*	0.017 *7*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1627.5 *7*	0.019 *11*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1627.60 *20*	0.43 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1627.7 *7*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1627.7 *3*	†2.9 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1627.8 *3*	3.0 *10*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1627.8 *3*	0.030 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1627.85 *17*	†3.5 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1627.9 *5*	0.14 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1627.97 *13*	0.031 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1628.1 *4*	3.7 *4*	^{147}Tb(1.7 h)	1152.4(100), 694.4(43), 139.9(27.46)
1628.17 *5*	0.055 *3*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1628.2 *2*	0.86 *8*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1628.2 *2*	<0.7	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
1628.2 *7*	0.126 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1628.2 *15*	0.067 *10*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1628.3 *4*	0.16	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
1628.3 *4*	3.7	^{147}Tb(1.7 h)	1152.4(100), 694.4(43), 139.9(27.46)
1628.35 *15*	0.10	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1628.4 *5*	0.18 *5*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
1628.49 *14*	0.90 *6*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1628.5 *3*	0.95 *12*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1628.5 *7*	>0.047	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1628.5 *5*	0.21 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1628.53 *30*	0.13 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1628.7 *2*	†0	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
• 1628.9 *5*	0.017 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1629.0 *8*	0.13 *8*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1629.07 *4*	0.135 *3*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
• 1629.154 *15*	0.0246 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1629.2 *3*	0.025 *7*	^{97}Nb(72.1 m)	658.08(98), 1024.49(1.09), 1268.68(0.148)
1629.24 *8*	0.20 *4*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1629.3 *1*	1.94 *17*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1629.4 *5*	0.055 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1629.4 *3*	0.028 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1629.45 *13*	4.7 *4*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1629.5 *4*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1629.53 *28*	0.16 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1629.61 *15*	0.078 *8*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1629.67 *8*	0.0022 *5*	^{110}Ag(24.6 s)	657.7622(4.5), 815.35(0.0382), 1125.700(0.0153)
• 1629.67 *8*	0.0057 *10*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1629.67 *8*	0.46	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1629.7 *2*	0.0162 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1629.7 *7*	0.32 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1629.79 *4*	0.80 *5*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1629.79 *4*	0.059 *8*	^{150}Eu(12.8 h)	333.971(4.0), 406.52(2.81), 1165.739(0.257)
1630 *1*	0.033 *6*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
1630.0 *5*	0.034 *11*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
• 1630.02 *13*	0.066 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1630.1 *3*	0.025 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1630.11 *18*	0.199 *13*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1630.2 *7*	0.33 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1630.25 *25*	0.093 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1630.28 *6*	4.96 *12*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1630.3 *2*	0.0198 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1630.3 *10*	†2.0 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1630.4 *3*	0.31	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1630.44 *22*	0.37 *10*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1630.46 *38*	0.98 *12*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
1630.49 *57*	0.08 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1630.50 *30*	0.0986 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1630.5		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1630.6 *10*	0.041 *15*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1630.6 *2*	†2.1 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1630.627 *10*	1.60 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1630.627 *10*	0.106 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1630.67 *2*	0.343 *10*	^{139}Pr(4.41 h)	1347.33(0.47), 255.11(0.236), 1375.56(0.154)
1630.7 *10*	0.09 *7*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1630.8 *1*	0.0076 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1630.83 *10*	1.8	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1630.84 *11*	1.8	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1630.891 *17*	0.30 *6*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 1630.891 *17*	0.081 *8*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1630.9 *6*	0.0025 *7*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1631.0 *8*	0.09 *4*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1631.0 *10*	0.019 *4*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1631.0 *9*	0.024 *7*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1631.0 *15*	0.142 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1631.1 *6*	0.38	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1631.16 *20*	0.093 *13*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 1631.35 *4*	0.0126 *23*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1631.4	†2.8 *3*	^{144}Pr(7.2 m)	618.01(†1.5), 1885.0(†0.9), 814.1
1631.4 *4*	0.030 *9*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1631.4 *6*	0.36	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1631.42 *10*	0.38 *3*	^{71}Zn(2.45 m)	511.56(32), 910.27(7.8), 389.88(3.8)
1631.5 *15*	0.23 *11*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1631.5 *4*	0.57 *9*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1631.5 *7*	0.04 *2*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1631.5 *2*	†3.4 *8*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1631.5 *2*	†2.6 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1631.5		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1631.5 *3*	0.18 *4*	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
1631.5 *10*	0.055 *16*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1631.7 *3*	0.0014 *6*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1631.78 *20*	0.059 *11*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1631.8 *7*	1.04 *10*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1631.8 *3*	0.090 *17*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1631.9 *7*	0.037 *12*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1632.0 *2*	0.30 *3*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1632.0 *2*	0.025 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1632.17 *10*	0.77 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1632.20 *20*	0.131 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1632.21 *21*	†2.7 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1632.3	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1632.4 *3*	0.020 *6*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1632.4 *10*	2.5	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1632.7 *8*	†0.27 *9*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1632.74 *30*	1.7 *3*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
1632.8 *4*	0.42 *16*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1632.8 *6*	0.152 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1632.8 *10*	0.57 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1632.8 *3*	0.51 *4*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 1632.86 *15*	0.252 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1632.9 *6*	0.47 *16*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1632.9 *5*	0.10 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1632.9 *4*	†1.4 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1633		^{109}Tc(0.87 s)	194.6(†100), 128.7(†51), 96.2(†48)
1633.02 *8*	0.054 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1633.10 *20*	41 *5*	^{102}Nb(4.3 s)	296.611(79), 551.54(30), 447.13(19.6)
1633.1 *5*	0.34 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1633.14 *10*	1.01 *8*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
1633.18 *24*	0.00054 *9*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1633.2 *6*	0.042 *7*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
1633.2 *5*	0.0071 *5*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1633.2 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1633.2 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1633.2	0.041 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1633.3 *6*	0.08 *4*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
• 1633.3 *2*	0.395 *16*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1633.30 *30*	0.052 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1633.33 *10*	0.154 *5*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1633.4 *5*	0.014 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1633.47 *9*	0.88 *5*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1633.5 *7*	0.14 *11*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1633.5 *2*	†0.66 *11*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1633.6 *2*	0.98 *16*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1633.6 *4*	0.35 *10*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1633.602 *15*	100	^{20}F(11.00 s)	3332.54(0.0082), 4965.85(0.00005)
1633.602 *15*	79.3 *11*	^{20}Na(447.9 ms)	8638(<2.59), 2852(<0.210), 11258.9(0.171)
1633.602 *15*	9.0 *10*	^{21}Mg(122 ms)	2613.8(0.87), 3332.54(0.66), 4965.85(0.0040)
1633.69 *13*	1.08 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1633.7 *2*	0.12 *4*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1633.7 *2*	0.075 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1633.7 *5*	0.11 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1633.72 *18*	0.352 *20*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1633.74 *10*	2.9	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1633.9 *1*	0.0231 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1633.9 *3*	0.053 *14*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1633.9 *4*	0.6	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1634.0 *2*	1.14 *5*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1634.0 *2*	0.90 *7*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1634.0 *4*	0.9 *4*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1634 *1*	0.019 *19*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
1634.0 *8*	0.99 *20*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1634.05 *8*	1.43 *8*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1634.06 *10*	0.82 *6*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1634.1 *3*	0.34 *9*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1634.4 *3*	0.073 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1634.44 *18*	0.45 *7*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1634.52 *11*	0.23 *5*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1634.7 *15*	0.108 *16*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1634.73 *11*	0.52 *6*	^{122}In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
1634.73 *11*	0.80 *10*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
• 1634.80 *30*	0.094 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1634.80 *22*	†1.05 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1634.9 *1*	3.41 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1634.9 *7*	1.92 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1635.0 *3*	0.064 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1635.0 *10*	0.054 *16*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1635.20 *20*	0.052 *2*	^{14}O(70.606 s)	2312.593(99.388), 3947.50(0.00211)
1635.20 *15*	0.37 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1635.2 *2*	0.37 *4*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
1635.2 *1*	0.073 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 1635.2 *5*	0.00015 *4*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
• 1635.2 *7*	0.015 *4*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1635.3 *3*	0.030 *4*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
• 1635.31 *3*	0.159 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1635.38 *29*	0.35 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1635.4 *3*	0.13 *8*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1635.4 *8*	0.020 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1635.5 *3*	†0.47 *6*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1635.55 *17*	0.17 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1635.8 *2*	0.63 *7*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1635.80 *8*	1.046 *19*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1635.9 *3*	0.18 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1635.9 *1*	†0.105 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1635.96	0.99 *3*	^{23}Ne(37.24 s)	439.986(33), 2075.91(0.102), 2981.85(0.0378)
1636.0 *2*	0.112 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1636.0 *4*	1.68 *24*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1636.1 *5*	0.18	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1636.1	0.07 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1636.3 *6*	0.0046 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1636.34 *6*	0.098 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1636.4 *2*	35.6 *6*	^{52}Ca(4.6 s)	675.2(62.4), 961.2(49.9), 2070.4(11.2)
1636.4 *8*	0.22 *8*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1636.50 *10*	29.6 *20*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1636.5 *6*	0.012 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1636.5	0.33	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
1636.5 *4*	0.26 *3*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
• 1636.53 *3*	0.720 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1636.6 *8*	0.08	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1636.6 *4*	0.018 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1636.6 *3*	1.26 *11*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1636.7 *2*	0.451 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1636.8 *4*	0.26 *4*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1636.8 *2*	0.16 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 1636.82 *8*	0.220 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 1636.85 *30*	0.0538 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1636.9 *4*	0.43 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1636.99 *15*	0.329 *12*	^{91}Mo(15.49 m)	1581.04(0.226), 2631.97(0.118), 3028.25(0.085)
1637.0 *4*	†0.084 *21*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1637		^{92}Br(0.343 s)	769(†100), 1446(†10), 1035(†6)
1637.0 *3*	0.47 *7*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1637.0 *5*	0.17 *3*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1637 *1*	0.006 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1637.08 *53*	0.10 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1637.1 *8*	†0.24 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1637.1 *3*	30	^{207}Hg(2.9 m)	351.059(77), 997.1(69), 1756.3(16)
1637.2 *3*	†0.26 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1637.41 *9*	1.17 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1637.46 *12*	0.084 *19*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1637.5 *5*	0.19 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1637.5 *5*	0.27 *9*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1637.55 *25*	†2.59 *15*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
1637.60 *18*	0.081 *16*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1637.65 *35*	0.20 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1637.67 *15*	0.146 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 1637.7 *5*	0.194 *12*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1637.7 *3*	0.041 *9*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1637.7 *10*	0.240 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1637.8 *3*	0.51 *9*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1637.87 *5*	0.082 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1637.9	1.06	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1637.93 *12*	†10 *2*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1637.95 *5*	0.161 *20*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1637.97 *3*	0.0040 *9*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1638.0 *2*	5.9 *3*	^{29}Na(44.9 ms)	54.6(<41), 2560(36), 1585.6(5.6)
1638.0 *2*	0.80 *13*	^{30}Na(48 ms)	1040(10.6), 336(2.65), 2211.3(0.50)
1638.04 *19*	0.50 *5*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1638.1 *3*	1.05 *22*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1638.1 *5*	†2.0 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1638.1 *1*	0.206 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1638.2	35.3 *10*	^{36}P(5.6 s)	3290.7(100), 901.8(70.4), 2539.9(17.4)
1638.2 *6*	0.7 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1638.2 *1*	0.062 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1638.26 *12*	0.031 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1638.281 *10*	0.47 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1638.4 *4*	0.0127 *8*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1638.4 *7*	0.07 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1638.4 *4*	0.100 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1638.6 *3*	0.100 *10*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1638.6 *10*	0.07 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1638.7 *4*	3.75 *22*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1638.7 *10*	0.18 *4*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1638.81 *22*	9.21 *24*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1639 *1*	<0.05	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1639.0 *2*	0.40 *20*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
1639.0 *2*	0.053 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1639.0 *10*	0.126 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1639.0 *6*	0.037 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1639.1 *5*	0.0079 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1639.1	0.20	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1639.1 *5*	0.0035 *8*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1639.2 *3*	0.55 *12*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1639.2 *5*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1639.29 *10*	0.505 *16*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1639.30 *10*	5.54 *13*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1639.38 *25*	0.37 *7*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1639.40 *15*	0.64 *10*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
1639.4 *4*	2.16 *12*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1639.4 *3*	1.6 *3*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1639.5 *6*	0.0065 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1639.5 *8*	0.10 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1639.6 *3*	†52 *4*	^{181}Ir(4.90 m)	107.64(†100), 318.9(†46), 231.6(†30)
1639.66 *22*	†0.60 *8*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1639.7 *2*	0.7	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1639.7 *5*	†1.6 *4*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1639.74 *15*	0.24 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1639.79 *13*	0.0222 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1639.8 *3*	0.83 *14*	^{97}Y(3.75 s)	3287.6(18.1), 3401.3(14.1), 1996.6(7.4)
1639.8 *5*	†61 *13*	^{136}I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
1639.8 *9*	0.75 *11*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1639.9 *7*	1.72 *8*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
1639.9 *2*	0.58 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1639.90 *11*	0.48 *4*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1639.90 *10*	9.2 *3*	^{91}Tc(3.14 m)	2450.90(13.5), 1605.20(7.77), 1564.90(6.88)
1639.9 *2*	2.4 *13*	^{100}Ag(2.24 m)	665.54(86), 750.67(>26), 1693.9(14.7)
1640.0 *10*	†0.78 *25*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1640.0	0.7	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
1640.1 *1*	0.061 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1640.1 *3*	2.3 *4*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1640.1 *6*	0.18 *5*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1640.1 *4*	0.025 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1640.17 *22*	0.0093 *18*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1640.2 *10*	1.0 *3*	^{89}Mo(2.04 m)	658.6(5.7), 1272.6(3.7), 844.0(3.7)
1640.2 *3*	0.145 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1640.24 *20*	0.18 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1640.26 *6*	3.18 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1640.3 *6*	0.37 *12*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1640.34 *21*	0.24 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1640.4 *3*	0.029 *7*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1640.4 *5*	0.085 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 1640.404 *21*	0.060 *10*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1640.5 *5*	0.020 *6*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1640.5 *3*	0.010 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1640.6 *3*	0.21 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1640.6 *4*	0.020 *6*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1640.7 *5*	0.58 *9*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1640.8 *5*	0.12 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1640.8 *8*	†1.2 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1641.0 *3*	†1.04 *5*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
• 1641 *2*	>0.005	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1641.08 *6*	1.45 *7*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1641.1 *3*	3.3 *3*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1641.1 *1*	0.0122 *12*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1641.10 *20*	0.024 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1641.2 *9*	0.190 *17*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1641.3 *4*	0.025 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1641.3	0.014 *7*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 1641.30 *20*	0.309 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1641.5 *3*	0.06 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1641.51 *3*	3.91 *22*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1641.6 *8*	1.5	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1641.60 *25*	0.20 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1641.7 *3*	0.157 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1641.8 *3*	0.16 *3*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1641.8 *5*	>0.12	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1641.8	1.2	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1641.82 *6*	0.94 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1641.86 *20*	0.62 *13*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1641.9 *9*	0.70 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1641.9 *9*	0.28 *15*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1641.9 *3*	0.0072 *12*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1641.92 *15*	0.88 *10*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
• 1641.98 *7*	0.00133 *8*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1641.98 *21*	†0.63 *8*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1642 *3*	0.13 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1642.0 *3*	0.16 *4*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1642.0 *6*	0.043 *14*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1642.00 *17*	0.099 *10*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1642.0 *3*	0.058 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1642 *1*	3.5 *15*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
1642.2 *5*	0.22 *8*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
1642.3 *3*	0.16	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1642.30 *13*	0.82 *12*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1642.4 *8*	0.8	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1642.5 *6*	0.58 *20*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1642.5	0.083 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1642.5 *2*	0.090 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1642.6 *4*	0.0210 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1642.7 *1*	0.052 *3*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
1642.7 *2*	0.36 *4*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1642.7 *3*	0.0148 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1642.714	31.9 *10*	^{38}Cl(37.24 m)	2167.405(42.4)
1642.80 *15*	0.93 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1642.8 *6*	0.17 *9*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
1642.9 *3*	0.37 *7*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1642.9	0.010	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
1643.0 *1*	0.147 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1643.0 *3*	1.2	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 997.1(1.2)
1643.1 *2*	0.73 *11*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
1643.43 *10*	2.4	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1643.50 *20*	0.37 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1643.5 *5*	0.123 *15*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1643.5 *4*	0.32 *4*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1643.6 *5*	0.33 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1643.6 *5*	0.154 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1643.80 *20*	1.3 *5*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1643.8 *2*	0.0148 *18*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1643.8 *7*	0.62 *7*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1643.82 *10*	0.34 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1643.9 *12*	0.04 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1644.0 *6*	0.013 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1644.0 *8*	0.0009 *5*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1644.0 *4*	0.03 *1*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1644.03 *7*	0.872 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1644.1 *4*		^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
1644.19 *6*	2.96 *6*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1644.2 *3*	0.023 *6*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1644.2 *10*	†1.9 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1644.2 *10*	0.32 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1644.25 *7*	0.40 *5*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1644.3 *10*	0.019 *4*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1644.3 *7*	0.24	^{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: $E_\gamma(I_\gamma)$
1644.39 *13*	0.0255 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1644.4 *4*	4.8	^{51}Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
1644.4 *4*	0.35 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1644.45 *10*	0.0019 *6*	^{20}O(13.51 s)	1056.818(99.979), 3488.16(0.017), 2431.48(0.0059)
1644.49 *10*	1.41 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1644.5 *4*	†58 *6*	^{88}Se(1.52 s)	159.2(†100), 259.2(†82), 1903.7(†64)
1644.5 *8*	2.0 *4*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1644.5 *3*	0.30 *3*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1644.6 *2*	1.2 *5*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1644.6 *4*	0.36 *6*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1644.61 *5*	7.10 *16*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1644.68 *21*	0.487 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1644.70 *13*	0.21 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1644.8 *5*	7.5 *5*	^{80}As(15.2 s)	666.14(42), 1207.12(4.3), 1847.8(1.13)
1644.9 *2*	0.010 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1645 *2*	0.45 *8*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1645.0 *9*	0.0006 *3*	^{95}Tc(20.0 h)	765.794(93.82), 1073.71(3.74), 947.67(1.951)
1645 *2*	0.3 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1645.1 *3*	0.174 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
• 1645.14 *8*	0.079 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1645.3 *3*	0.050 *11*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1645.31 *20*	1.01 *8*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
1645.4 *4*	†0.16 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1645.4 *6*	0.29 *12*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
• 1645.4 *4*	0.0193 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1645.57 *4*	0.69 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 1645.82 *4*	†0.050 *4*	^{52}Mn(5.591 d)	1434.068(†100.0), 935.538(†94.9), 744.233(†90.6)
1645.95 *16*	7.0 *4*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1646.0 *6*	1.9 *6*	^{52}Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
1646 *1*	0.0030 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1646.0 *2*	0.128 *16*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1646.0 *8*	0.18 *4*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1646.0 *4*	†2.2 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 1646.01 *5*	1.62 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1646.2 *3*	0.28 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1646.2 *6*	0.46 *11*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
• 1646.24 *10*	3.782 *22*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1646.4 *10*	1.39 *20*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1646.4 *3*	0.077 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1646.4 *4*	0.14 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1646.4 *3*	†27 *3*	^{181}Ir(4.90 m)	107.64(†100), 1639.6(†52), 318.9(†46)
1646.5 *10*	0.0017 *10*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1646.50 *70*	0.17 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1646.5 *3*	0.066 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1646.51 *23*	0.26 *3*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1646.8 *8*	0.094 *10*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1646.9 *3*	0.12 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1647.0 *7*	0.44 *4*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1647.0 *5*	0.10	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1647.0 *4*	0.34 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1647.14 *11*	2.34 *18*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1647.20 *25*	0.25 *4*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1647.2 *6*	0.112 *22*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1647.3 *5*	†4.7 *9*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1647.31 *6*	0.0061 *8*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1647.43 *8*	0.040 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1647.44 *6*	4.8 *3*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1647.47 *15*	4.41 *25*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1647.5 *8*	0.35 *13*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1647.5 *7*	0.0020 *10*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
1647.5		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1647.53 *8*	0.88 *5*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1647.8 *4*	1.05 *12*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1647.82 *17*	0.0103 *15*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1647.9 *3*	0.223 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1648.0 *5*	0.05 *3*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1648	0.43 *10*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
• 1648.1 *2*	0.48 *5*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1648.1 *3*	9.50 *18*	^{161}Tm(33 m)	45.54(5.00), 84.40(9.4), 59.51(5.4)
1648.2 *3*	0.11 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1648.4 *3*	0.07 *3*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1648.4 *5*	0.30 *4*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1648.4 *6*	0.7	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1648.45 *3*	0.072 *8*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
1648.5 *5*	1.5 *4*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1648.5 *10*	0.10 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1648.5 *3*	1.26 *25*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1648.7 *2*	2.06 *6*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1648.7 *3*	0.103 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 1648.7 *3*	0.0148 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1648.89 *15*	†5.2 *10*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1648.9 *5*	0.41 *11*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1648.9 *20*	0.024 *8*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
• 1648.9 *5*	0.133 *17*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1648.9 *1*	4.0 *5*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1648.9 *15*	0.108 *15*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1649.00 *6*	0.46 *5*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1649.07 *17*	†2.2 *3*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1649.19 *1*	1.02 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1649.19 *10*	0.062 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1649.2 *2*	0.063 *17*	^{94}Sr(75.3 s)	1427.7(94), 723.8(2.40), 703.9(2.13)
1649.3 *3*	0.054 *20*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1649.33 *12*	0.0226 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1649.4 *3*	0.36 *6*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
• 1649.5 *5*	0.036 *3*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1649.5 *6*	0.16 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1649.6 *1*	0.0107 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1649.68 *16*	0.00120 *21*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1649.8 *2*	0.022 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1649.8 *3*	0.257 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1650 *1*	0.78 *23*	^{98}Cd(9.2 s)	347.18(78), 1176.1(66.3), 107.28(43.7)
1650.0 *4*	0.31 *7*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1650 *30*	2.0 *10*	^{210}Tl(1.30 m)	799.7(99), 298(79), 1316(21)
1650.02 *18*	0.029 *10*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1650.1 *3*	0.27 *3*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1650.1 *10*	0.060 *7*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1650.2 *6*	0.06 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1650.2	0.039	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1650.2 *2*	>0.005	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1650.22 *24*	0.17 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
• 1650.37 *4*	0.743 *8*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
1650.37 *4*	1.181 *25*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1650.38 *23*	0.94 *2*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1650.4 *2*	0.56 *3*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
• 1650.436 *24*	3.71 *12*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1650.9 *1*	0.61 *6*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1650.9 *5*	5.8 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1650.97 *9*	0.0124 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1651.0	0.007 *4*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1651.1 *5*	†9.1 *14*	^{111}Ru(2.12 s)	303.8(†100), 211.7(†77.7), 382.0(†41.3)
1651.1 *5*	0.20 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1651.14 *20*	0.0044 *6*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1651.22 *15*	0.48 *4*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1651.3 *2*	0.75 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1651.3 *2*	0.72 *8*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1651.3 *3*	0.041 *4*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1651.399 *14*	0.066 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1651.4 *5*	0.291 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1651.4 *8*	0.061 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
• 1651.4 *4*	0.0305 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1651.4 *5*	0.017 *6*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1651.49 *7*	0.0162 *24*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1651.5 *15*	0.42 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1651.6 *4*	0.49 *7*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
1651.61 *15*	48.9 *11*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 2473.29(20.3)
1651.7 *2*	0.023 *3*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
1651.7 *1*	0.65 *3*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1651.8 *10*	1.5 *3*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
1651.8 *4*	0.12 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1651.87 *8*	0.69 *4*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1651.97 *7*	0.56 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1652.0 *11*	0.067 *10*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1652.0 *6*	†5.8 *6*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
1652.1 *5*	0.16	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1652.1 *2*	0.28 *11*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1652.1 *3*	0.29 *6*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
1652.1 *3*	1.43 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1652.2 *7*	0.035 *13*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1652.2	0.049	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1652.24 *11*	0.47 *10*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1652.30 *22*	0.022 *8*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
• 1652.32 *10*	0.014 *3*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1652.4 *8*	0.030 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1652.40 *10*	0.00099 *9*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1652.45 *10*	1.09 *13*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1652.5 *2*	†4	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1652.5 *3*	†17 *3*	^{181}Ir(4.90 m)	107.64(†100), 1639.6(†52), 318.9(†46)
1652.58 *2*	0.0388 *24*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1652.66 *10*	0.0034 *3*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1652.66 *10*	0.312 *25*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1652.68 *20*	0.577 *19*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1652.7 *3*	0.14 *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: $E_\gamma(I_\gamma)$
1652.76 *3*	1.06 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1652.8 *3*	0.11 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1652.91 *11*	1.56 *24*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 1653.2 *4*	0.0211 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1653.3 *4*	0.062 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
• 1653.31 *15*	0.067 *3*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1653.39 *14*	0.052 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1653.4 *5*	1.7 *5*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1653.4 *2*	0.48 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1653.4	†100 *4*	^{148}Er(4.6 s)	387.7(†88), 197.1(†71), 256.9(†65)
1653.5 *4*	0.32 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1653.6 *1*	0.26 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1653.6	0.92 *5*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1653.6 *8*	0.12 *4*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1653.7 *10*	0.10 *6*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
• 1653.72 *8*	0.0563 *20*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1653.8 *5*	0.076 *19*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1653.9 *2*	1.23 *10*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1653.9 *11*	0.05 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1653.9 *17*	0.140 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1654.0 *3*	0.098 *25*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1654	0.30 *7*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
• 1654.02 *15*	0.117 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1654.1		^{70}Cu(4.5 s)	884.9(54), 1876(2.2), 1072.2
1654.1		^{70}Cu(47 s)	884.9(100), 901.7(87), 1251.7(57)
1654.1 *7*	0.50 *13*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1654.10 *23*	0.052 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1654.23 *5*	1.59 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1654.4 *3*	0.086 *14*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1654.4 *5*	>0.13	^{108}Sn(10.30 m)	396.44(64.3), 272.75(45.5), 669.08(22.6)
1654.47 *8*	0.108 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1654.5 *10*	1.19 *20*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1654.5 *2*	0.027 *5*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1654.6 *1*	0.21 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1654.6 *3*	0.058 *6*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1654.6 *10*	0.99 *21*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1654.6 *4*	1.3	^{131}In(0.282 s)	2434.03(90), 4487.00(2.76), 3989.75(2.66)
1654.6 *4*	0.56 *15*	^{131}In(0.35 s)	331.58(3.6)
1654.7 *5*	0.118 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1654.7 *14*	0.34 *23*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1654.73	0.031 *7*	^{26}Si(2.234 s)	829.420(21.90), 1622.26(2.73), 1843.26(0.258)
1654.77 *3*	0.56 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1654.8 *4*	6.3 *9*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
1654.9 *4*	†9 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1654.96 *33*	0.116 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1655 *1*	0.20 *4*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1655.0 *10*	0.28 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1655.1 *4*	†0.28 *4*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1655.1	0.052 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1655.19 *10*	0.23 *3*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1655.3 *4*	0.059 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1655.39 *10*	4.4	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1655.6 *8*	0.8 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
• 1655.6 *13*	0.0034 *11*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1655.7 *4*	0.48 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1655.7 *1*	0.026 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1655.87 *10*	0.346 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1656.0 *2*	0.38 *4*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1656.05 *24*	0.026 *5*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1656.2	0.085 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1656.2	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1656.22 *21*	0.35 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1656.4 *2*	0.0059 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1656.5 *5*	1.8	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1656.5 *3*	1.39 *14*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1656.5 *3*	0.276 *15*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1656.51 *15*	0.71 *11*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1656.7 *6*	0.54 *3*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1656.7 *20*	0.19 *6*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1656.7 *4*	0.57 *5*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1656.7 *15*	1.0 *3*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1656.7 *7*	0.08 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1656.7 *15*	0.163 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1656.8 *8*	1.3	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1656.8 *1*	0.71 *6*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1656.8 *4*	0.132 *15*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1656.8	0.185 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1656.9 *3*	1.99 *17*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1657.0 *5*	0.38	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
1657 *1*	0.40	^{69}Ni(11.4 s)	1871.1(40.9), 679.7(39.7), 1213.0(39.3)
1657 *1*	2.0 *7*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
1657 *2*	0.03 *1*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
1657.0 *4*	†1.7 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1657.19 *13*	0.40 *17*	^{28}P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
1657.2 *5*	0.25 *5*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
• 1657.28 *14*	0.107 *4*	^{89}Zr(78.41 h)	908.96(100), 1713.06(0.763), 1744.52(0.129)
1657.3	0.021 *8*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1657.3 *8*	0.015 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1657.4 *6*	0.07 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1657.6 *5*	0.040 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1657.6 *3*	†14 *5*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
1657.6 *2*	2.23 *23*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1657.6 *2*	0.00096 *24*	^{141}Nd(2.49 h)	1126.8(0.8), 1292.6(0.46), 1147.2(0.306)
1657.7 *5*	0.7 *4*	^{29}S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
1657.7 *5*	10.1 *6*	^{72}Cu(6.6 s)	652.4(68), 1004.6(12.0), 846.5(7.8)
1657.72 *13*	0.65 *10*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1657.9 *3*	†2.7 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1658.0 *6*	0.130 *22*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1658.0 *4*	0.067 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1658.0 *1*	0.38 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1658.00 *4*	0.0275 *14*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1658.00 *4*	1.03 *9*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
1658.02 *14*	0.49 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
• 1658.08 *5*	0.793 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1658.10 *4*	0.335 *15*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1658.1 *1*	1.75 *13*	^{142}Eu(2.34 s)	768.1(10), 1754.1(1.49), 1754.1(1.33)
1658.18 *6*	1.33 *4*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1658.2 *2*	0.145 *11*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1658.28 *9*	0.8	^{28}P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
1658.3 *2*	0.104 *8*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1658.3 *4*	0.0049 *20*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1658.3 *3*	0.206 *21*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1658.3 *7*	0.31 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1658.40 *16*	0.39 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1658.4 *3*	0.018 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1658.43 *9*	6	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1658.5 *3*	4.9 *5*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 1098.6(39)
• 1658.53 *5*	14.9 *8*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1997.00(7.2)
1658.58 *39*	0.14 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1658.58 *10*	0.20 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1658.7	0.21 *5*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1658.7 *7*	0.045 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1658.7 *3*	0.031 *7*	^{93}Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
1658.8 *3*	0.206 *21*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1658.85 *9*	0.087 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1658.9 *3*	0.43 *6*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1658.9 *3*	0.169 *20*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1658.9 *3*	0.0089 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1658.9 *8*	0.17 *5*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1658.9 *2*	†0.90 *13*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1659.0 *10*	0.06 *4*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1659.1 *4*	†0.90 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1659.1 *3*	1.69 *16*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1659.18 *10*	0.0126 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1659.2 *4*	1.08 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1659.21 *11*	0.11	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1659.26	2.24 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1659.3 *2*	0.78 *9*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1659.4 *5*	0.10 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1659.5 *5*		^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1659.53 *16*	0.22 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1659.58 *9*	0.21 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1659.6 *5*	0.023 *9*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1659.6 *5*	0.0012 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1659.6 *7*	0.24 *12*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1659.73 *19*	0.145 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1659.8	10	^{144}Eu(10.2 s)	817.7(1.56), 2423.3(0.96), 763.0(0.045)
1660.06 *12*	1.96 *19*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
1660.1 *3*	0.35 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1660.2 *4*	0.04 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1660.2 *3*	†1.06 *15*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1660.2 *2*	0.14 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 1660.27 *25*	5.0×10^{-6} *3*	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
1660.30 *14*	0.77 *5*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1660.348 *3*	0.73 *4*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
1660.4 *2*	†3.0 *5*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1660.5 *2*	7.80 *18*	^{61}Zn(89.1 s)	475.0(16.85), 970.0(2.57), 690.2(1.87)
1660.5 *20*	0.09 *4*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1660.57 *7*	0.0030 *3*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1660.6 *3*	0.22 *4*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1660.6 *4*	0.10	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1660.6 *4*	0.5	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1660.7 *8*	†12 *2*	^{130}Sn(1.7 m)	144.9(†100), 899.2(†49), 84.7(†42)
1660.7 *7*	0.18 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1660.9 *6*	0.06 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1661 *2*	0.14 *5*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1661.15 *41*	†9 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1661.2 *2*	0.15 *4*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1661.2 *31*	<0.10	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1661.28 *6*	1.14 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1661.3 *3*	0.090 *21*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1661.4 *5*	0.016 *3*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1661.4 *7*	0.66 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1661.5 *3*	0.45 *6*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1661.5 *2*	†20 *1*	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1661.5 *8*	0.51 *12*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1661.5 *10*	†2.6 *14*	^{152}Pr(3.24 s)	164.2(†100), 284.9(†81.0), 72.40(†38.9)
1661.51 *16*	0.398 *23*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1661.6 *3*	0.75 *7*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1661.63 *5*	0.225 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1661.7 *3*	0.80 *7*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1661.77 *15*	1.58 *15*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1661.80 *20*	0.132 *20*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
1661.93 *21*	0.039 *6*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1662.000 *19*	0.053 *3*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
1662 *2*	0.17	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
• 1662.0 *2*	0.076 *17*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
• 1662.0 *8*	0.06	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1662.1 *4*	†4.8 *12*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
1662.12 *5*	1.00 *4*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1662.16 *15*	0.37 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1662.3 *5*	0.98 *17*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1662.3	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1662.4 *6*	0.041 *4*	^{45}Ti(184.8 m)	720.22(0.154), 1408.6(0.085), 425.1(0.0137)
1662.4 *2*	0.60 *6*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1662.43 *9*	0.68 *4*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
• 1662.48 *8*	0.120 *2*	^{166}Ho(26.83 h)	80.574(6.71), 1379.40(0.93), 1581.89(0.187)
1662.48 *8*	0.023 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1662.5 *3*	>0.13	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1662.6 *5*	0.28 *3*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1662.6 *5*	0.46 *7*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1662.7 *3*	0.32 *3*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
1662.74 *13*	0.41 *3*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
• 1662.75 *30*	0.064 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1662.8 *5*	0.27 *8*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1663.0 *4*	0.014 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1663.03 *21*	0.61 *10*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1663.1 *8*	†22 *9*	^{136}I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
1663.1 *9*	0.062 *20*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1663.2 *8*	†1.4 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1663.4 *4*	0.090 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1663.4	3.53	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1663.4	1.5	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1663.49 *5*	0.0244 *13*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1663.5 *10*	0.076 *23*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
• 1663.5 *2*	0.073 *6*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1663.6 *4*	0.0021 *12*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1663.6 *3*	0.27 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1663.6 *10*	†0.68 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1663.6 *5*	0.56 *11*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1663.6 *4*	0.70 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1663.7 *3*	0.358 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1663.7 *3*	†1.19 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1663.7 *15*	0.21 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1663.8 *8*	†1.4 *5*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
1663.85 *20*	0.249 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1663.9 *3*	1.16 *18*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1663.93 *7*	4.2 *3*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1664.0 *10*	†3	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
1664.0 *4*	0.052 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1664.0 *10*	0.14 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1664.1 *5*	0.48 *16*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1664.1 *20*	0.055 *25*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1664.2 *2*	0.016 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
• 1664.20 *4*	0.0113 *11*	^{148}Pm(5.370 d)	1465.12(22), 550.284(22.00), 914.85(11.46)
• 1664.20 *4*	0.0705 *22*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1664.20 *25*	0.59 *6*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1664.3 *3*	0.184 *14*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
• 1664.3 *13*	0.039 *20*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1664.4 *2*	0.75 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1664.4 *3*	0.092 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1664.6 *6*	0.56 *7*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1664.60 *25*	0.019 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1664.6 *3*	0.038 *6*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1664.6 *3*	0.009 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1664.7 *10*	0.12 *3*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1664.80 *25*	6.4 *3*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
1664.8 *3*	0.018 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1664.9 *2*	†1.05 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1664.98 *16*	†2.8 *3*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1664.98 *6*	0.87 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1665.0 *15*	0.64 *21*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1665.0 *2*	0.049 *8*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1665.1	†9	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1665.1 *3*	0.080 *3*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1665.1 *3*	0.008 *4*	^{162}Ho(15.0 m)	80.660(8.0), 1319.3(3.8), 1372.8(0.81)
1665.18 *15*	0.060 *5*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1665.30 *7*	0.053 *3*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1665.3 *1*	0.060 *5*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1665.4	0.21	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
1665.40 *20*	0.93 *10*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1665.4 *1*	0.045 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1665.4 *3*	0.050 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1665.4 *3*	†2.5 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1665.48 *17*	0.67 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1665.5 *3*	0.021 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1665.5 *2*	0.30 *6*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1665.5 *10*	0.070 *14*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1665.60 *6*	0.35 *7*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1665.61 *7*	4.82 *11*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1665.61 *7*	0.151 *6*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1665.65 *10*	0.95 *8*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1665.7 *4*	0.28 *5*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1665.7	>0.010	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1666.0 *4*	0.17 *3*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
1666.02 *23*	0.041 *8*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
• 1666.20 *15*	0.0780 *24*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1666.2 *6*	0.045 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1666.3 *1*	0.81 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1666.3 *6*	0.082 *22*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1666.3 *5*	0.22 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
• 1666.38 *20*	0.278 *6*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1666.4 *3*	0.096 *16*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1666.4 *5*	0.11	^{116}Sb(15.8 m)	1293.54(85), 931.800(24.7), 2225.33(14.2)
1666.4 *3*	0.059 *12*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1666.5 *4*	0.50 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1666.523 *13*	0.184 *13*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1666.523 *13*	0.194 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1666.6 *9*	†0.13 *5*	^{27}Na(301 ms)	984.64(†114), 1697.94(†15.5), 3109.2(†>3.4)
1666.73 *13*	0.79 *7*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1666.73 *13*	0.27 *7*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1666.8 *4*	0.154 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1666.8	0.39	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1666.9 *2*	0.0110 *14*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
1666.94 *13*	0.106 *18*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1667.0 *5*	0.64 *24*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
• 1667.0 *7*	0.014 *6*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1667.0 *10*	0.06 *4*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1667.0 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1667.1 *1*	0.80 *6*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
• 1667.1 *4*	0.0309 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1667.2 *6*	0.0014 *6*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
• 1667.3	0.00194 *25*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1667.4 *3*	0.10 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1667.4 *2*	†17.8 *12*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1667.5 *3*	0.38 *9*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1667.5 *5*	0.29 *5*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
1667.5 *5*	0.43 *13*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1667.50 *20*	0.28 *11*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
1667.51 *20*	0.129 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1667.6 *10*	†8.2×10^2 *17*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1667.6 *1*	0.019 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1667.61 *6*	0.97 *5*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1667.67 *16*	†<12	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1667.8 *6*	0.101 *20*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1667.9 *1*	0.33 *9*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1667.9 *4*	0.15 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1668.1 *4*	0.063 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1668.15 *12*	0.399 *17*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1668.2 *7*	0.06 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1668.3 *4*	0.225 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1668.3	3.6	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1668.4 *7*	0.77 *8*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1668.4 *1*	0.76 *5*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1668.5 *2*	3.05 *25*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1668.6 *5*	0.31 *4*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
1668.6 *10*	†5	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
1668.61 *15*	0.94 *6*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1668.7 *5*	0.16 *9*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1668.8 *10*	0.0127 *25*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
1668.8 *3*	0.45 *7*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1668.8 *2*	0.097 *15*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
1668.84 *25*	0.22 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1668.9 *6*	0.11 *4*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1668.9 *8*	0.0010 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1668.94 *8*	0.079 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1669.0 *2*	0.122 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1669.16 *16*	†2.3 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1669.2 *5*	0.008 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1669.2 *10*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1669.4 *4*	0.29 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1669.5 *3*	0.63 *8*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1669.5 *10*	0.118 *16*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1669.50 *5*	0.0156 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1669.6 *5*	†0.46 *16*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1669.7 *2*	†2.2 *3*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1669.8 *3*	0.47 *11*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1669.8 *5*	0.14 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1669.86 *7*	0.155 *20*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1669.94 *15*	0.0102 *4*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
1670.0 *5*	0.44	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1670.0 *2*	1.37 *17*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1670.1 *3*	0.035 *11*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
1670.1 *3*	0.26 *7*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1670.16 *25*	0.21	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1670.3 *3*	0.62 *7*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1670.3 *2*	†1.00 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1670.33 *8*	1.103 *17*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1670.4 *10*	0.26 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
• 1670.49 *3*	0.529 *12*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1670.5 *10*	0.22 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1670.50 *4*	0.642 *23*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1670.54 *10*	0.18 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1670.67 *23*	1.62 *23*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1670.7 *8*	0.35 *6*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1670.7 *5*	0.088 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1670.70 *8*	0.0058 *4*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1670.70 *8*	0.18 *4*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1670.8 *3*	0.61 *8*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1670.81 *16*	0.0054 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1671 *1*	0.05 *3*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1671.1 *3*	0.143 *13*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1671.19 *7*	0.162 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1671.2 *3*	†2.2 *4*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
1671.2 *5*	0.102 *10*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1671.3 *4*	0.022 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1671.3 *3*	1.29 *13*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
1671.3 *5*	0.011 *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: $E_\gamma(I_\gamma)$
1671.4 *4*	0.13 *3*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1671.41 *10*	2.46 *22*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1671.5 *4*	0.36 *6*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
• 1671.60 *10*	0.055 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1671.64 *15*	0.0043 *13*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1671.68 *16*	†2.3 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1671.7 *1*		^{144}Pr(17.28 m)	696.510(1.3), 2185.662(0.694), 1489.160(0.278)
1671.8 *8*	0.09 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1671.9 *4*	0.14 *4*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1671.9 *9*	0.14 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1672.0 *10*	0.91 *23*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1672.02 *10*	0.0261 *24*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1672.1 *5*	0.45 *15*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
1672.1 *3*	0.025 *12*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1672.2 *3*	0.09	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1672.2 *3*	†2.5 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1672.21 *23*	†4.8 *6*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1672.3 *6*	0.11 *4*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1672.3 *6*	0.60 *20*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
1672.32 *12*	1.2	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1672.4 *5*	0.24 *7*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1672.4 *3*	0.302 *17*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1672.4 *3*		^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1672.4 *3*	0.60 *9*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1672.49 *9*	†5.5 *4*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1672.5 *3*	0.087 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1672.5 *6*	†5.8 *8*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1672.6 *3*	0.19 *3*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1672.6 *3*	0.17 *3*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1672.7 *8*	†2.1 *3*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1672.77 *12*		^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1672.8 *1*	0.034 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1672.89 *14*	0.019 *3*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1672.9 *3*	0.036 *7*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1673.0 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1673.1 *3*	0.18 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1673.1 *2*	0.147 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1673.16 *14*	0.49 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1673.2 *1*	0.126 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1673.2 *2*	0.019 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1673.28 *9*	1.23 *5*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1673.29 *10*	<0.8	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
1673.29 *10*	1.3 *4*	^{68}Cu(31.1 s)	1077.35(64), 1260.97(12.5), 1883.09(2.4)
1673.3 *5*	>0.16	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
1673.4 *5*	0.032 *8*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1673.40 *16*	0.45 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1673.4 *3*	0.30 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1673.48 *12*	0.113 *9*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1673.50 *20*	0.0063 *4*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1673.5 *4*	0.015 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1673.7 *6*	1.39 *11*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
• 1673.7	0.00172 *25*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1673.7	0.45 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1673.8 *6*	0.082 *11*	^{58}Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1673.9 *5*	0.009 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1673.9 *5*	†3 *1*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
1673.95 *5*	1.69 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1674	†1.0	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1674.1 *1*	0.030 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1674.1 *2*	0.26 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
• 1674.20 *30*	0.157 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1674.3 *2*	0.0072 *3*	^{110}Ag(24.6 s)	657.7622(4.5), 815.35(0.0382), 1125.700(0.0153)
1674.30 *7*	†237 *19*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1674.46 *15*	0.113 *11*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1674.5 *3*	2.0 *4*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1674.5 *4*	0.15 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1674.6 *4*	0.23 *7*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1674.6 *5*	0.00058 *25*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1674.62 *11*	3.0 *3*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1674.679 *36*	11.6 *4*	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
• 1674.679 *36*	0.518 *8*	^{58}Co(70.82 d)	810.764(99), 863.935(0.683)
1674.9 *3*	0.32 *7*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1675 *3*	3.5 *2*	^{46}K(105 s)	1346.0(100), 1228.7(6.4), 3020(2.2)
1675.0 *7*	0.0006 *4*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1675.07 *25*	0.064 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1675.1 *5*	0.058 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1675.1 *5*	†0.29 *3*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1675.1 *3*	0.71 *11*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1675.1	0.06 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1675.14 *25*	2.11 *14*	^{48}Mn(158.1 ms)	752.15(99.7), 1106.25(39.2), 3676.2(30.4)
1675.2 *3*	1.3 *3*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
1675.2 *3*	0.85 *18*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1675.2 *3*	1.31 *22*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1675.2 *7*	0.06 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1675.24 *17*	0.00086 *14*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
1675.3 *3*	†3.2 *4*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1675.4 *3*	0.037 *7*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1675.4 *3*	0.082 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1675.5 *3*	25 *3*	^{53}Ti(32.7 s)	127.6(46), 228.4(40), 100.8(20.3)
1675.5 *5*	0.147 *4*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1675.57 *8*	0.048 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1675.6 *12*	0.41 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1675.7 *3*	0.13 *3*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
• 1675.8 *4*	0.109 *24*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1675.8 *3*	†1.19 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1675.83 *19*	0.38 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1675.9 *3*	0.48 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1676.0		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
1676.0		^{131}Sn(58.4 s)	367.40, 285.0, 62.9
1676.0	†2.5	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1676.0 *6*	0.15 *7*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1676	0.46	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
1676.1 *4*	0.6 *3*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1676.1	>0.0050	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1676.3 *4*	†4.9 *4*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
• 1676.4 *3*	0.033 *6*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
• 1676.46 *8*	0.088 *4*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 1676.5 *2*	0.259 *14*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1676.54 *13*	0.353 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1676.65 *15*	3.03 *18*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1676.77 *14*	0.72 *4*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1676.8 *1*	7.8 *7*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1676.8 *5*	0.162 *16*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1676.9 *3*	0.141 *22*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1676.9 *6*	0.031 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1677.01 *9*	0.0030 *3*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1677.198	0.052 *5*	^{41}Ar(109.34 m)	1293.587(99.1)
1677.2 *6*	0.0010 *4*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1677.2 *5*	0.24 *8*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1677.25 *6*	0.021 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1677.3 *1*	7.4 *14*	^{148}Ho(2.2 s)	
1677.3 *1*	17.4 *11*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1677.3 *3*	0.012 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1677.3 *4*	0.00028 *5*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1677.44 *10*	0.103 *8*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1677.5 *5*	0.18	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1677.6 *2*	0.40 *11*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1677.67 *4*	0.056 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1677.67 *4*	0.031 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1677.7 *3*	0.026 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1677.8 *6*	0.15 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
• 1677.85 *3*	0.425 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1677.9 *7*	0.147 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1678.0 *5*	0.074 *25*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1678.00 *20*	0.28 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1678.0 *1*	†1.14 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1678.0 *7*	0.28 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1678 *1*	0.13 *3*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
1678.0 *5*	0.09 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1678.027 *21*	9.62 *20*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1457.56(8.73)
1678.1 *2*	0.86 *8*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1678.1 *5*	0.007 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1678.2 *3*	0.27 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1678.3 *3*	0.26 *5*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1678.3	0.06 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1678.4 *2*	0.076 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1678.4 *3*	0.29 *6*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
1678.4 *3*	0.9 *2*	^{128}In(0.72 s)	831.54(100), 1168.80(100), 120.54(11.1)
1678.4 *2*	0.0059 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1678.48 *18*	0.034 *10*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1678.5 *2*	0.0043 *11*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1678.5 *3*	>0.0014	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1678.51 *5*	0.757 *16*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1678.6 *2*	0.052 *8*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
• 1678.60 *20*	0.224 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1678.62 *19*	0.26 *3*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1678.7 *3*	0.159 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1678.8 *7*	0.073 *23*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1678.82 *12*	0.272 *8*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1678.82 *12*	0.0037 *5*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1678.9 *6*	0.43 *7*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1678.96 *13*	0.0042 *6*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1679	†0.39 *6*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1679.1 *7*	0.51 *6*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1679.18 *11*	1.2	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1679.3 *6*	0.0059 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1679.3 *1*	0.159 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1679.4 *2*	0.96 *19*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1679.4 *2*	0.73 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1679.4 *4*	0.063 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1679.5 *3*	8.8 *4*	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1679.5 *5*	0.018 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1679.5 *1*	0.076 *16*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1679.6 *7*	0.081 *12*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1679.6 *1*	9.2 *4*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1679.6 *3*	0.27 *3*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1679.65 *5*	0.244 *12*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
1679.7 *5*	0.058 *13*	^{212}Bi(60.55 m)	727.330(6.58), 1620.50(1.49), 785.37(1.102)
1679.76 *9*	0.045 *9*	^{88}Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
1679.8 *2*	0.051 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1679.84	0.041 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1679.9 *3*	0.060 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1680.0 *10*	0.0113 *25*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
1680 *1*	0.09 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1680.0 *3*	0.15 *4*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1680.2 *5*	0.24 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1680.244 *22*	13.0 *7*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 415.411(10.6)
1680.3 *2*	0.295 *22*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1680.3 *5*	0.084 *20*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1680.4 *2*	7.1 *7*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1680.4 *15*	0.072 *15*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1680.5 *9*	0.62 *11*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1680.52 *5*	0.042 *17*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1680.52 *5*	0.0054 *3*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
1680.54 *15*	0.12	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1680.58 *5*	4.21 *16*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1680.69 *18*	0.00106 *20*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1680.7 *5*	0.32 *7*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1680.7 *6*	0.0010 *6*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1680.72 *6*	0.70 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1680.74 *15*	†12 *2*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1680.75 *6*	0.90 *5*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1680.75 *6*	0.117 *3*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1680.8 *5*	0.020 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1680.8 *1*	0.20 *6*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
1680.81 *19*	0.67 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1680.9 *3*	0.024 *6*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
• 1680.9 *4*	0.064 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
• 1680.90 *15*	0.029 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1681.0 *5*	0.074 *25*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1681.0 *6*	1.7	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1681.0 *1*	0.0270 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1681.07 *22*	0.26 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1681.1 *2*	0.16 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1681.1 *3*	0.19 *8*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1681.1 *5*	0.011 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1681.1 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1681.2 *3*	0.17 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1681.21 *5*	0.098 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1681.21 *5*	0.150 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1681.4	†2.8	^{149}Tb(4.16 m)	795.9(†111), 651(†37), 164.98(†8.3)
1681.4 *5*	†1.2 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1681.4 *2*	†0.57 *11*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1681.5 *1*	0.035 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1681.6 *5*	0.09	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1681.68 *5*	0.0220 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1681.69 *15*	0.28 *3*	^{50}Sc(102.5 s)	1553.768(100), 1121.124(99.5), 523.792(88.7)
1681.7 *8*	0.10 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1681.9 *7*	0.096 *24*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
• 1681.95	0.019	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1681.95 *17*	†3.1 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1682.07 *5*	0.70 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1682.1 *2*	0.036 *7*	^{138}Pr(1.45 m)	788.742(2.4), 688.2(0.82), 1551.1(0.42)
1682.10 *22*	†1.50 *20*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1682.2 *7*	0.24 *12*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
• 1682.2 *2*	0.272 *8*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1682.2 *3*	0.48 *5*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1682.3	1.70 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
• 1682.49 *5*	0.29 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1682.5 *15*	0.050 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1682.6 *2*	0.044 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1682.7 *4*	0.0154 *9*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
• 1682.70 *30*	0.054 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1682.7 *3*	0.7	^{207}Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
1682.9 *2*	0.39 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1682.9 *2*	0.137 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1682.9 *2*	4.15 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1683.0 *7*	0.29 *3*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1683	9.0×10^{-6}	^{95}Tc(20.0 h)	765.794(93.82), 1073.71(3.74), 947.67(1.951)
1683.0 *7*	0.032 *7*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1683.1 *3*	0.00256 *13*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1683.1 *7*	0.69 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1683.1	0.14	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
1683.2 *3*	0.137 *20*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1683.2 *1*	0.060 *6*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1683.2 *7*	0.253 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1683.2	1.2	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1683.26 *19*	0.128 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1683.3	0.46	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1683.3 *3*	0.015 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1683.31 *25*	†0.21 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1683.33 *7*	0.0032 *3*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1683.5 *3*	0.017 *7*	^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
1683.6 *7*	†15.2 *15*	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
1683.7 *7*	0.043 *4*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1683.7 *3*	0.100 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1683.7 *3*	0.025 *4*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1683.8		^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
1683.8 *4*	0.133 *24*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1683.87 *16*	0.228 *14*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: E_γ(I_γ)
1683.9 *3*	0.29 *4*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1683.9 *5*	>0.16	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
1683.9 *2*	0.74 *7*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1683.92 *8*	0.0013 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1683.99 *4*	0.25 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1684 *2*		^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
1684.01 *20*	0.015 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1684.07 *18*	0.116 *13*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1684.14 *3*	0.115 *3*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1684.3 *3*	0.014 *7*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1684.5 *4*	0.16 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1684.5 *3*	8.0 *8*	^{163}Gd(68 s)	287.79(25), 214.0(11.5), 1562.1(9.0)
1684.6 *4*	1.8 *8*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1684.6 *12*	0.06 *4*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1684.6 *4*	0.026 *4*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
1684.76 *13*	0.55 *4*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1684.8 *6*	>0.13	^{108}Sn(10.30 m)	396.44(64.3), 272.75(45.5), 669.08(22.6)
1684.80 *5*	0.111 *4*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1684.84 *13*	0.70 *5*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1685 *2*	0.45 *6*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1685.0 *4*	0.189 *24*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
• 1685 *1*		^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1685.0 *7*	0.13 *4*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1685.0	0.30	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1685.07 *20*	0.55 *5*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1685.2 *4*	0.16 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1685.2 *15*	0.064 *13*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1685.32 *16*	2.39 *16*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1685.4 *4*	0.018 *5*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1685.4 *2*	0.0113 *17*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1685.4 *6*	0.15 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1685.5 *3*	0.45 *10*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1685.5 *2*	0.083 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1685.5 *10*	0.236 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 1685.55 *30*	0.058 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1685.56 *9*	0.151 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1685.58 *15*	0.19 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1685.6 *4*	0.66 *7*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1685.6 *3*	7.0 *7*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
1685.7 *5*	0.7	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1685.7 *5*	0.5 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
1685.7 *1*	0.309 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1685.8 *3*	0.039 *17*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1685.8	0.09 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1685.8 *4*	0.150 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1685.85 *25*	0.49 *8*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1685.9 *2*	0.75 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1686.0 *5*	†6.2 *11*	^{111}Ru(2.12 s)	303.8(†100), 211.7(†77.7), 382.0(†41.3)
1686.0 *5*	0.91 *25*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1686.0 *4*	0.071 *20*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1686.0 *4*	0.061 *10*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1686.0 *4*	0.013 *6*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1686.1 *3*	†100 *11*	^{136}I(46.9 s)	1689.0(†85), 240.5(†74), 1639.8(†61)
1686.18 *14*	†28 *6*	^{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: $E_\gamma(I_\gamma)$
1686.2 *6*	0.12 *4*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1686.2 *3*	0.75 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1686.3 *2*	0.0163 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1686.4 *2*	0.596 *20*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1686.4 *4*	0.12 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1686.5 *3*	0.78 *14*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1686.5 *3*	0.82 *15*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
1686.5 *3*	1.49 *20*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1686.6 *1*	0.105 *12*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1686.8 *3*	0.61 *7*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1687	0.19	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1687.0 *1*	0.0077 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1687.0 *3*	0.161 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1687.0 *3*	†0.76 *10*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1687.1 *4*	†0.13 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1687.1 *10*	†25 *8*	^{171}Ho(53 s)	903.3(†100), 198.6(†88), 279.2(†60)
1687.2 *3*	†0.21 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1687.2 *2*	0.20 *5*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1687.20 *10*	2.2 *2*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1687.25 *11*	0.011 *6*	^{88}Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
1687.3 *1*	0.373 *18*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1687.4 *5*	0.14 *5*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1687.40 *30*	0.00055 *12*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1687.4 *2*	0.192 *19*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
1687.5 *1*	82.47 *30*	^{148}Ho(9.59 s)	660.8(58.94), 504.3(18.62), 1677.3(17.4)
1687.8 *3*	1.5 *3*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1687.8 *3*	0.146 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1687.88 *35*	0.21 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1687.89 *21*	0.120 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1687.9 *4*	0.0107 *8*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
• 1687.9 *4*	0.0224 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 1688.08 *15*	0.73 *6*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1688.1 *3*	0.018 *6*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1688.2 *10*	0.43 *10*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1688.2 *4*	0.32 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1688.2 *3*	0.25 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1688.2 *6*	0.16 *5*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1688.3 *7*	†6.0 *15*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1688.40 *20*	0.112 *12*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
1688.42 *8*	0.017 *4*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1688.5 *5*	2.21 *20*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
1688.6 *8*	0.24	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1688.6 *4*	0.008 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1688.6 *8*	0.269 *24*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1688.8 *4*	0.14 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1688.95 *11*	0.259 *10*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1688.97 *3*	0.44 *5*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1689.0 *2*	0.00044 *12*	^{104}Rh(42.3 s)	555.796(2.0), 1237.2(0.066), 767.72(0.011)
1689.0 *2*	0.91 *9*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1689.0 *5*	0.044 *22*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1689.0 *2*	1.06 *14*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1689.0 *3*	†85 *11*	^{136}I(46.9 s)	1686.1(†100), 240.5(†74), 1639.8(†61)
1689.04 *25*	0.022 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1689.11 *8*	0.76 *4*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1689.15 *4*	0.368 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1689.16 *9*	0.58 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1689.3 *3*	†3.0 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
• 1689.35 *5*	0.52 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1689.4 *4*	1.6 *6*	^{102}Sr(69 ms)	243.80(53), 150.15(18.0), 93.89(13.4)
1689.53 *6*	0.102 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1689.6 *8*	0.56 *8*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1689.6	0.09 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1689.61 *25*	0.13 *4*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
1689.66 *65*	0.064 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1689.7 *8*	0.08 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
• 1689.7 *2*	0.14 *3*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1689.86 *25*	0.0054 *10*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1689.90 *23*	0.29 *5*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1690.0 *6*	0.043 *4*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1690.0 *2*	0.44 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1690.0 *6*	0.16 *5*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1690.1 *3*	4.7 *9*	^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
1690.15 *16*	0.0012 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 1690.2 *4*	0.036 *6*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1690.2 *4*	0.008 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1690.3 *3*	0.019 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1690.4 *2*	0.62 *3*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1690.5 *3*	0.00029 *3*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1690.5 *2*	†0.35 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1690.6 *5*	4.7 *9*	^{70}Cu(47 s)	884.9(100), 901.7(87), 1251.7(57)
• 1690.668 *17*	0.15 *5*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1690.9 *7*	0.061 *21*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1690.9 *5*	3.4	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
• 1690.980 *4*	47.3 *6*	^{124}Sb(60.20 d)	602.730(97.8), 722.786(10.76), 645.855(7.38)
• 1690.980 *4*	10.41 *12*	^{124}I(4.18 d)	602.730(60), 722.786(9.98), 1509.49(2.989)
1691.0 *3*	0.070 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1691.0 *3*	†4.4 *8*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1691.1 *2*	1.28 *10*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1691.2 *1*	3.0 *6*	^{63}Ga(32.4 s)	637.04(11), 627.10(10.3), 192.94(5.7)
1691.2 *10*	0.92 *13*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1691.3 *5*	0.101 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1691.35 *10*	0.089 *10*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1691.4 *10*	0.065 *22*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1691.4 *5*	0.012 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1691.4 *4*	0.47 *8*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1691.4 *7*	†0.30 *14*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1691.4	1.0	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
1691.6 *7*	0.13 *7*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1691.6 *4*	0.010 *8*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
• 1691.64 *2*	0.399 *15*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1691.7 *4*	0.00029 *5*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1691.7 *9*	0.009 *9*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1691.7 *1*	0.60 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1691.89 *15*	†6.2 *10*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1691.9 *2*	0.48 *10*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1691.9 *3*	0.22 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1692.0 *15*	0.010 *5*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1692.0 *12*	0.26 *10*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1692.07 *25*	0.27 *5*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1692.14 *17*	0.05 *3*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1692.2 *2*	2.16 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1692.2 *2*	7.0 *4*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 685.49(3.6)
1692.2 *4*	2.3 *11*	^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
1692.420	0.166 *17*	^{38}S(170.3 m)	1941.944(83), 1745.77(2.44), 2750.97(1.38)
1692.5 *6*	0.22 *3*	^{73}Zn(23.5 s)	218.1(6.00), 910.5(1.91), 495.6(1.48)
1692.5 *5*	0.011 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1692.5	0.36	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
1692.6 *5*	0.078 *19*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1692.6 *10*	0.42 *5*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1692.76 *23*	0.276 *20*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1692.8 *6*	0.048 *13*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1692.9 *5*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1692.9 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1693	>0.035	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1693.0 *3*	0.013 *13*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1693.0 *3*	0.019 *6*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1693.0 *3*	†2.9 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1693.20 *30*	0.00065 *12*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1693.22 *19*	0.61 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1693.29 *24*	0.110 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1693.3 *1*	5.9 *6*	^{98}Rb(114 ms)	144.224(24.5), 2171.7(5.7), 2316.0(3.5)
1693.3 *1*	1.0 *5*	^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
1693.3 *3*	0.011 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1693.3 *4*	0.029 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1693.3 *1*	0.074 *4*	^{141}La(3.92 h)	1354.52(1.64), 2267.0(0.0413), 662.06(0.0259)
1693.303 *14*	0.076 *15*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 1693.303 *14*	0.079 *7*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1693.34 *5*	3.541 *23*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1693.4 *3*	0.052 *13*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1693.4 *6*	0.063 *25*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1693.5 *4*	0.42 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1693.6 *2*	0.087 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1693.6 *5*	0.0008 *4*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1693.67 *10*	0.68 *5*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
1693.70 *10*	4.4 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1693.7 *2*	0.5	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1693.71 *12*	0.156 *18*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1693.8 *2*	0.080 *9*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1693.8 *2*	0.69 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1693.9 *3*	14.7 *17*	^{100}Ag(2.24 m)	665.54(86), 750.67(>26), 2118.1(11)
1693.90 *20*	0.22 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1694.07 *9*	2.55 *14*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1694.1 *5*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1694.1 *10*	†450 *90*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1694.2 *4*	0.15 *7*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1694.2 *2*	†10.1 *15*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1694.3 *2*	0.080 *9*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
• 1694.38 *14*	0.044 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1694.4 *4*	0.0183 *9*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1694.43 *7*	0.0044 *4*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1694.5 *4*	†0.25 *8*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1694.70 *20*	0.79 *5*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
1694.7	0.026 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1694.8 *4*	0.49 *11*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1694.8 *7*	0.24 *9*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1694.81 *5*	7.0 *5*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1694.93 *19*	10.4 *22*	^{31}Al(644 ms)	2316.7(18), 752.42(5.2), 1564.3(4.2)
1695.0 *4*	0.139 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1695.0 *3*	0.27 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1695.1 *1*	†0.36 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1695.2 *19*	0.013 *7*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1695.2	†0.82 *17*	^{93}Tc(43.5 m)	2644.55(†42.7), 943.33(†8.7), 3129.0(†6.4)
1695.28 *10*	0.34 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1695.3 *5*	>0.24	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1695.4 *3*	†10.1 *25*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
1695.5 *3*	0.72 *13*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1695.5 *5*	0.076 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1695.58 *24*	0.73 *10*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1695.6 *10*	0.234 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1695.63 *20*	0.38 *4*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1695.7 *1*	0.238 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1695.8 *3*	0.42 *7*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1695.9 *3*	0.39 *10*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1696.0 *3*	0.075 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1696.0 *4*	0.50 *7*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1696.1 *3*	0.090 *6*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1696.1 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1696.16 *7*	1.65 *6*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1696.2 *3*	1.52 *23*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1696.25 *13*	0.635 *16*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1696.3 *3*	0.28 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1696.33 *20*	0.37 *3*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1696.4 *3*	0.77 *7*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1696.4 *1*	0.043 *7*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1696.5	44 *4*	^{39}S(11.5 s)	1301.7(52), 394.8(37), 874.6(12.8)
1696.5 *7*	0.43 *4*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1696.55 *13*	4.6	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1696.56 *22*	0.035 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1696.6 *10*	0.0020 *10*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1696.6 *1*	0.033 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1696.6 *10*	0.10 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1696.7 *5*	4.3	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1696.7 *20*	3.0 *4*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1696.78 *20*	0.10	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 1696.8 *5*	0.020 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1696.80 *20*	0.50 *4*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1696.83 *12*	0.058 *9*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1696.85 *11*	†55 *6*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1697.00 *17*	0.1116 *18*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1697.0 *8*	0.050 *25*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1697.0 *4*	0.053 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1697.15 *23*	0.117 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1697.2 *5*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1697.2 *4*	†0.56 *15*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1697.22 *4*	0.484 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1697.22 *7*	0.042 *8*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1697.3 *6*	0.55 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1697.3 *2*	0.062 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1697.3 *10*	0.22 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1697.3 *10*	0.23 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1697.33 *19*	0.27 *3*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1697.45 *15*	0.119 *10*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1697.5 *6*	0.9 *5*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1697.6 *7*	0.0046 *9*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1697.6 *5*	0.15 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1697.6 *2*	0.24 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1697.7 *3*	0.032 *19*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1697.7 *3*	0.25 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1697.77 *7*	0.256 *10*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1697.77 *21*	0.49 *7*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1697.8 *2*	0.32 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1697.84 *6*	1.40 *7*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1697.94 *11*	†15.5 *8*	^{27}Na(301 ms)	984.64(†114), 3109.2(†>3.4), 955.32(†1.1)
1697.96 *5*	1.29 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1697.97 *16*	†0.60 *5*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1698 *1*	0.28	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
1698.0 *3*	0.294 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1698.10 *20*	0.076 *14*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
• 1698.1 *3*	0.00179 *19*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1698.1 *3*	0.27 *3*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1698.1 *2*	†0.82 *16*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1698.1 *4*	0.50 *7*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1698.2 *1*	†0.114 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1698.35 *18*	0.039 *11*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1698.4 *4*	0.37 *17*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1698.42 *14*	0.021 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1698.5	0.86	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1698.5 *4*	0.95 *15*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1698.5	0.16	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1698.54 *9*	1.55 *13*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1698.66 *7*	0.204 *12*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1698.7 *3*	0.0013 *7*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1698.7 *4*	1.3 *3*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
1698.8 *10*	0.06 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1698.85 *10*	5.69 *25*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1698.89 *15*	†18 *3*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1698.96 *13*	0.091 *8*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1699 *1*	0.7 *3*	^{69}Ni(11.4 s)	1871.1(40.9), 679.7(39.7), 1213.0(39.3)
1699.06 *9*	3.28 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1699.37 *17*	0.049 *10*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1699.4 *2*	0.55 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1699.5	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 1699.54 *6*	0.0153 *6*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1699.6 *4*	0.028 *7*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
1699.60 *15*	0.09 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1699.8 *2*	0.128 *13*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1699.95 *15*	0.077 *12*	^{118}Sb(3.6 m)	1229.68(2.5), 1267.23(0.511), 528.83(0.472)
1700.0 *20*	0.22 *6*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1700.1 *3*	0.83 *7*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
1700.14 *25*	0.25 *4*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1700.2 *5*	0.16 *5*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1700.2 *6*	0.044 *12*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1700.23 *14*	0.59 *9*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1700.5 *5*	0.86 *13*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1700.5 *7*	0.029 *7*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1700.5 *2*	0.103 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1700.59 *20*	0.0104 *24*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1700.61 *40*	0.10 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1700.7 *8*	0.12 *3*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1700.7 *4*	0.025 *8*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
1700.7 *2*	0.125 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1700.72 *18*	0.056 *3*	^{18}Ne(1672 ms)	1041.52(7.83), 659.25(0.132), 1080.51(0.0021)
1700.8 *3*	0.081 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
• 1700.8	0.020 *7*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
1700.9 *3*	0.77 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
• 1700.90 *20*	0.134 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1700.96 *5*	10.8 *8*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1701.0 *5*	2.1 *3*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
1701.0	0.20	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1701.0 *7*	2.14 *8*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1701.0 *10*	†2.0 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1701.0 *6*	0.063 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1701.06 *26*	†0.21 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1701.1 *2*	0.26 *3*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1701.1 *1*	0.0014 *7*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
1701.1 *1*	0.227 *24*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1701.1 *4*	0.074 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1701.2 *1*	0.147 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1701.44	33.0 *17*	^{23}F(2.23 s)	2129.3(22), 1822.4(15.6), 3431.5(8.4)
1701.500 *20*	8.87 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1701.5 *2*	0.086 *10*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1701.53 *16*	0.22 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1701.6 *3*	4.57 *12*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1701.7 *8*	0.080 *7*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1701.8 *15*	0.18 *7*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1701.8 *5*	0.155 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1701.88	0.10 *4*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1701.9 *2*	2.8 *2*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1701.9 *10*	†9 *3*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1702		^{92}Br(0.343 s)	769(†100), 1446(†10), 1035(†6)
1702.0 *3*	0.098 *15*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
• 1702 *1*	0.023 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1702.0 *10*	0.096 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1702.0 *3*	0.90 *9*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1702.1 *5*	0.0351 *17*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1702.1 *5*	0.0180 *23*	^{162}Ho(15.0 m)	80.660(8.0), 1319.3(3.8), 1372.8(0.81)
1702.1 *3*	†5.7 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1702.2 *6*	0.19 *5*	^{92}Tc(4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
1702.2 *10*	1.1 *2*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
1702.3 *3*	0.6 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1702.37 *7*	2.2 *3*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1702.43 *5*	0.049 *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: $E_\gamma(I_\gamma)$
1702.5 *12*	0.26 *9*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1702.5 *1*	1.10 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1702.8 *3*	0.0019 *4*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
1702.8 *4*	0.0085 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1702.8 *2*	0.112 *15*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1702.9 *5*	0.035 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1703.0 *5*	0.010 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1703.1 *4*	0.07 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1703.1 *9*	0.53 *10*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1703.19 *3*	0.00029 *3*	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
1703.19 *3*	0.0449 *5*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
• 1703.2 *10*		^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1703.28 *18*	0.47 *5*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1703.3 *4*	0.139 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
• 1703.30 *30*	0.085 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1703.36 *5*	1.99 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1703.4	57	^{44}Ar(11.87 m)	182.6(66), 1886.0(31), 408.2(4.1)
1703.4 *3*	0.041 *6*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1703.4 *5*	†0.27 *3*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1703.5 *4*	0.151 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1703.5 *3*	†0.76 *14*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1703.65 *15*	0.006 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1703.65 *15*	0.030 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1703.9	0.057 *5*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1703.94	0.016 *4*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
1704	†6.1	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1704.28 *10*	3.11 *13*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
1704.3 *6*	0.076 *19*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1704.4 *1*	0.72 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1704.4 *5*	0.107 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1704.45 *18*	0.253 *24*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1704.5 *5*	0.158 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1704.60 *20*	0.90 *8*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1704.6 *3*	0.71 *7*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1704.67 *40*	0.055	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1704.7 *3*	0.032 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1704.70 *12*	1.4	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1704.75 *14*	0.49 *7*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1704.9 *6*	0.42	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
• 1704.9	1.04 *15*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1704.98 *13*	0.50 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1705.09 *10*	0.21 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1705.1 *3*	0.087 *13*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1705.1 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1705.4 *2*	0.59 *3*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1705.4 *25*	>0.16	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1705.4 *3*	1.4 *3*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1705.5 *13*	0.0006 *3*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
• 1705.5 *3*	0.0139 *24*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1705.50 *9*	0.95 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1705.5 *3*	0.16 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1705.5 *4*	0.96 *19*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
1705.6 *2*	53	^{45}K(17.3 m)	174.276(74.4), 2353.6(14.12), 1260.53(8)
1705.88 *15*	1.49 *8*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1705.90 *18*	0.0198 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1706 *1*	0.06 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
• 1706.0 *3*	0.047 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1706.1 *7*	0.10 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1706.1 *4*	0.35 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1706.16 *10*	0.0088 *11*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1706.16 *10*	0.225 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1706.2	1.3	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1706.4 *5*	†0.9 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1706.459 *21*	4.13 *12*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1706.58 *15*	1.92 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1706.59 *10*	1.09 *7*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1706.9 *2*	0.00095 *25*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1706.9 *2*	3.3 *4*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1706.93 *4*	1.00 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1707.0 *2*	0.138 *15*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
1707.00 *13*	0.48 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1707.1 *2*	0.24 *4*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1707.35 *15*	1.71 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 1707.40 *25*	0.0231 *18*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1707.4 *8*	0.08 *3*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1707.5 *3*	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1707.70 *9*	0.32 *2*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1707.7 *5*	0.0060 *23*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1707.7 *12*	0.48 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1707.8 *3*	0.034 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1707.9 *8*	0.024 *10*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1707.9 *5*	0.3 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
1707.9 *7*	0.50 *6*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
• 1707.97 *9*	0.21	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 1707.97 *9*	0.22	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1708.0 *5*	6.0×10^{-6} *7*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
1708.0 *5*	0.93 *19*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
• 1708.1		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1708.2 *10*	0.044 *5*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
1708.2 *5*	0.084 *9*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1708.2 *4*	0.18 *6*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1708.2 *4*	0.29 *10*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1708.3 *2*	18.4 *19*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1708.3 *4*	†2.5 *1*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
1708.3 *5*	0.10 *4*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1708.3 *3*	0.096 *11*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1708.4 *8*	0.15 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1708.5 *3*	0.81 *11*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1708.5	0.007 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1708.70 *20*	0.00047 *24*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1708.8 *5*	0.012 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1708.8 *3*	0.20 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1708.8 *8*	0.13 *4*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1708.9 *2*	0.36 *9*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1708.9 *3*	†0.29 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1708.95 *15*	0.67 *5*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1709.0 *5*	0.227 *24*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1709.00 *40*	0.036 *8*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1709.03 *6*	0.136 *7*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1709.2 *7*	0.088 *11*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1709.3 *4*	0.09 *3*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1709.37 *23*	0.135 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1709.4 *2*	0.69 *5*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
1709.4 *3*	0.028 *6*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1709.4 *9*	0.55 *10*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1709.5 *3*	0.122 *9*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1709.6 *3*	0.333 *15*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
1709.6	0.34	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1709.7 *4*	0.064 *7*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1709.7 *5*	0.070 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1709.81 *3*	0.307 *7*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1709.86 *14*	0.13 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1709.9 *4*	0.27 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1710.0 *15*	0.025 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1710.0 *4*	0.24 *8*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
• 1710	0.00058 *19*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1710.08 *11*	0.0129 *10*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
• 1710.17 *10*	0.28 *7*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1710.2 *3*	0.0066 *17*	^{57}Mn(87.2 s)	122.0614(13.9), 14.41300(10.56), 692.03(5.50)
1710.2 *2*	0.7 *3*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1710.20 *20*	1.35 *5*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1710.2 *4*	0.21 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1710.2 *2*	1.72 *18*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1710.27 *24*	0.0017 *4*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1710.5 *3*	0.19 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1710.7 *6*	0.034 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1710.7 *10*	0.37 *9*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1710.78 *18*	0.50 *5*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1710.80 *10*	0.56 *6*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
1710.9 *7*	15.5 *8*	^{69}Ni(11.4 s)	1871.1(40.9), 679.7(39.7), 1213.0(39.3)
1710.90 *6*	0.388 *11*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1710.90 *6*	0.248 *11*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1710.9 *3*	†2.1 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1711.0	>0.010	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1711.0 *10*	0.0020 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1711.09 *11*	0.090 *7*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1711.1 *4*	0.0024 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1711.1 *4*	†1.5 *3*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1711.15 *15*	0.045 *11*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1711.15 *20*	0.0300 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1711.2 *15*	†3.79 *23*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1711.2 *5*	0.198 *20*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1711.2 *2*	0.027 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1711.23 *8*	2.02 *21*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1711.27 *6*	0.023 *4*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1711.44 *17*	0.28 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1711.5	†32 *2*	^{148}Er(4.6 s)	1653.4(†100), 387.7(†88), 197.1(†71)
1711.5 *2*	†0.35 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1711.6 *7*	0.17 *3*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1711.7 *10*	0.21 *8*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
• 1711.8 *2*	0.222 *12*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1711.8 *4*	1.16 *16*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1711.86 *21*	0.0148 *21*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1711.9 *4*	0.0015 *3*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1712.0 *4*	0.21 *4*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1712.0 *3*	0.049 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1712.0 *3*	0.044 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1712.03 *18*	0.18 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1712.21 *26*	0.07 *3*	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
1712.22 *6*	†2.8	^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1712.3 *2*	4.3 *3*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
1712.3 *3*	0.12 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1712.3 *10*		^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
1712.36 *10*	0.26 *4*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1712.4	0.44	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1712.4 *6*	0.17 *4*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1712.4 *3*	0.125 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1712.5 *3*	0.35 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1712.5 *8*	0.99 *12*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1712.6 *3*	†2.6 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1712.60 *9*	1.33 *8*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1712.7	0.21 *4*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1712.7	0.153 *17*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1712.76 *17*	0.201 *13*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1712.8 *3*	0.012 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1712.9 *5*	0.41 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1712.9	1.97	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1713.0 *5*	0.37 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
• 1713.06 *24*	0.763 *13*	^{89}Zr(78.41 h)	908.96(100), 1744.52(0.129), 1657.28(0.107)
1713.09 *9*	0.0177 *12*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1713.2 *8*	0.0007 *5*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1713.26 *4*	3.85 *15*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1713.3 *6*	0.11	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1713.31 *12*	0.35 *4*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1713.4 *3*	0.31 *5*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1713.50 *15*	0.0056 *11*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1713.50 *15*	0.013	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1713.55 *3*	1.78 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1713.55 *3*	0.0016 *5*	^{78}Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
1713.6 *20*	0.36 *14*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1713.6 *4*	0.018 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1713.62 *13*	0.78 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1713.8 *4*	1.40 *15*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1713.90 *8*	>0.00023	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
1714.0 *2*	2.3 *3*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1714.07 *28*	†10 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1714.1 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1714.1	0.39	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
1714.2 *5*	0.0047 *19*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1714.2 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1714.3 *2*	0.78 *8*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1714.3 *3*	†2.2 *7*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
• 1714.3 *4*	0.018 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1714.4	0.39 *9*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1714.4	0.59 *8*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1714.5 *4*	0.059 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1714.6	5.9 *14*	^{35}Si(0.78 s)	4100.7(36.5), 3859.5(32.7), 2386.3(31.6)
1714.6 *8*	0.98 *17*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1714.61 *9*	0.00215 *22*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1714.7 *6*	0.043 *4*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1714.7 *5*	0.028 *10*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1714.7 *8*	0.18 *18*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1714.8 *3*	8	^{51}Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
1714.9 *2*	>6	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1714.90 *10*	17.1 *9*	^{106}In(5.2 m)	632.66(92), 861.16(10.6), 1933.60(8.4)
1714.9 *3*	†6 *1*	^{181}Ir(4.90 m)	107.64(†100), 1639.6(†52), 318.9(†46)
1715 *1*	0.039 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1715.2 *2*	0.173 *23*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
1715.24 *5*	0.00131 *12*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1715.24 *5*	0.68 *5*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1715.3 *2*	0.17 *4*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1715.4 *2*	0.121 *24*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1715.4 *4*	0.055 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1715.40 *22*	0.44 *3*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1715.5 *10*	0.294 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1715.51 *10*	0.42	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1715.59 *2*	0.55 *8*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
1715.6 *5*	0.7 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1715.6 *8*	0.88 *11*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
• 1715.67 *10*	6.2 *4*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1715.7 *2*	1.35 *19*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1715.7 *3*	0.30 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1715.8 *5*	1.6	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1715.9 *7*	0.65 *19*	^{21}Mg(122 ms)	331.91(51), 1384.1(10.1)
1715.9 *3*	0.63 *21*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1715.9 *8*	0.109 *10*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1715.9 *3*	0.191 *24*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1715.9	>0.0050	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1715.94 *20*	0.079 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1716	<0.044	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1716 *1*	0.06	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1716.0	†2.0 *6*	^{152}Tm(8.0 s)	807.9(†100), 715.9(†13), 672.5(†9.5)
1716.0 *5*	0.12 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1716.0 *7*	0.54 *6*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1716.1 *3*	0.22 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
• 1716.1 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1716.2 *6*	0.33 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1716.27 *3*	0.500 *16*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1716.33	0.6	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1716.39 *10*	0.93 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1716.40 *9*	1.6	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1716.4 *7*	15.9 *16*	^{117}Te(62 m)	719.7(65), 2300.0(11.2), 1090.7(6.9)
1716.5 *4*	0.016 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1716.6 *1*	0.0251 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1716.8 *6*	0.31 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1716.8 *10*	0.52 *5*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
• 1716.9	0.00060 *25*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1716.92 *7*	0.121 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1717 *2*	0.66 *6*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1717.0 *8*	0.042 *14*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1717.1 *3*	0.16 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1717.1 *3*	0.107 *23*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1717.2 *5*	0.053 *14*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 1717.41 *6*	0.112 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1717.5 *5*	0.0049 *20*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1717.5 *1*	0.64 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1717.6 *1*	1.53 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1717.6 *5*	0.64 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1717.6 *5*	0.038 *8*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1717.61 *1*	3.18 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1717.7 *2*	†2.3 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1717.77 *11*	0.44 *6*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1717.9	†2.0	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1718.0 *3*	0.0027 *4*	^{62}Cu(9.74 m)	1172.9(0.34), 875.68(0.150), 2301.8(0.0414)
1718.0 *7*	2.9	^{82}As(13.6 s)	654.6(72), 343.5(58), 1895.4(39)
1718.0 *8*	>0.12	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1718.05 *20*	0.38 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1718.1 *20*	0.57 *14*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1718.1 *4*	0.10 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1718.2 *1*	0.025 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1718.296 *17*	0.074 *15*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 1718.296 *17*	0.33 *3*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1718.3 *3*	1.4 *3*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1718.3 *2*	0.224 *24*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1718.3 *5*	†0.14 *2*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1718.4 *7*	0.009 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1718.4 *5*	0.12 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1718.5 *4*	2.5 *3*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1718.6 *5*	6.7 *4*	^{62}Co(13.91 m)	1172.9(97), 1163.4(67.3), 2003.48(18.4)
1718.65 *15*	0.42 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1718.7 *2*	†2	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
• 1718.70 *7*	31.8 *4*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1718.84 *16*	0.90 *10*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1718.9	0.056 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1718.9 *8*	†0.9 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1718.9	0.009 *5*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1718.9 *10*	0.27 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1719.0 *10*	†0.38 *19*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1719.04 *5*	0.0062 *3*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1719.1 *4*	0.0038 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1719.1	1.7	^{144}Tb(1 s)	743.0(21), 1143.9(4.0), 1483.5(1.0)
1719.1 *2*	1.05 *7*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
• 1719.10 *20*	0.146 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1719.1 *4*	0.19 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1719.38 *9*	0.037 *9*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1719.4 *3*	0.23 *6*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1719.6 *3*	0.37 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1719.63 *20*	†2.06 *13*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1719.66 *3*	0.398 *8*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1719.7 *3*	0.006 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1719.7 *4*	3.40 *15*	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1719.7 *2*	0.018 *5*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1719.74 *25*	0.7	^{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: $E_\gamma(I_\gamma)$
1719.8		^{98}Rh(8.7 m)	652.43(94), 745.36(5.3), 1817.0(4.7)
1719.8 *10*	0.9 *3*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1719.9 *3*	0.31 *5*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1720.0 *1*	1.61 *11*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1720.0 *4*	0.19 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1720.05 *15*	0.20	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1720.1 *4*	0.148 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1720.2 *2*	0.0008 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1720.2 *2*	1.28 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1720.3 *8*	0.0122 *16*	^{27}Si(4.16 s)	2211.0(0.180), 2981.82(0.026), 1014.42(0.0172)
• 1720.3 *15*	0.088 *10*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1720.3 *15*	0.169 *12*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1720.3 *6*	0.25 *12*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1720.45 *12*	0.022 *4*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1720.46 *7*	0.074 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1720.5 *15*	†3.2×10^2 *15*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1720.6 *5*	0.054 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
• 1720.7		^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1720.8 *4*	0.49 *6*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
1720.8 *4*	1.73 *18*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1720.8 *3*	2.8 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1720.87 *20*	0.049 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1720.9 *3*	1.7 *6*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
1720.9 *6*	0.0011 *5*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1721 *2*	0.14 *8*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1721.29 *15*	0.225 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 1721.3 *5*	0.010 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1721.3 *10*		^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1721.36 *15*	0.033 *10*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1721.4 *3*	0.32 *4*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1721.45 *30*	0.0059 *19*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1721.50 *5*	0.32 *4*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1721.50 *5*	0.046 *3*	^{78}Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
1721.6 *5*	0.15 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1721.66 *8*	0.67 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1721.7 *1*	1.86 *16*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1721.8 *4*	1.16 *16*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1721.9 *7*	0.15 *5*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1721.9 *2*	0.34 *4*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1721.9 *1*	0.66 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1722.0 *5*	2.42 *14*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1722 *1*	0.08 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1722.04 *13*	3.3	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
• 1722.1 *5*	0.00016 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1722.1 *6*	0.032 *13*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1722.1 *15*	0.135 *20*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1722.16 *5*	0.0512 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1722.2 *4*	14.1 *4*	^{29}S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
1722.2 *7*	0.082 *12*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1722.2 *2*	1.05 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1722.37 *5*	0.521 *19*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1722.47 *28*	†0.49 *13*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1722.5 *3*	1.2	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1722.5	0.52 *7*	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1722.5 *5*	11	^{101}Cd(1.2 m)	98.0(47), 1259.3(8), 924.7(7)
1722.5 *8*	0.31 *8*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1722.5 *10*	0.140 *16*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1722.55 *9*	0.086 *6*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1722.6 *6*	0.106 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1722.7 *13*	0.15 *11*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1722.7 *1*	0.69 *7*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1722.7 *3*	0.18 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1722.7 *8*	1.52 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1722.76 *18*	2.2 *4*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 1722.76 *18*	1.40 *18*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1722.8	1.06 *9*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1722.8 *9*	0.31 *11*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1723	0.19	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1723.06 *3*	2.01 *8*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1723.07 *13*	3.11 *9*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1723.2 *2*	0.49 *10*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1723.2 *2*	0.015 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1723.29 *7*	0.0371 *18*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1723.4 *4*	0.018 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1723.4 *4*	0.55 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1723.5 *3*	0.50 *7*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1723.5 *15*	1.06 *10*	^{98}Rh(8.7 m)	652.43(94), 745.36(5.3), 1817.0(4.7)
1723.5 *4*	†0.67 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 1723.75 *30*	0.0269 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 1723.79 *8*	0.040	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
1723.8 *9*	0.38 *24*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1723.8 *5*	†<0.16	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1724.0 *5*	0.160 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1724.08 *15*	0.33 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1724.1 *20*	0.26 *13*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1724.15 *10*	0.55 *4*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1724.21 *5*	0.030 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
• 1724.35 *3*	0.438 *10*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1724.43 *19*	3.4 *3*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1724.5 *5*	2.7 *4*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
1724.5 *4*	0.12 *4*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
• 1724.5 *2*	0.139 *10*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1724.53 *15*	0.00076 *10*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1724.53 *15*	0.08 *4*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1724.6 *2*	0.32	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1724.68 *9*	0.694 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1724.7 *2*	0.013 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1724.7	†52	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1724.90 *26*	†2.7 *7*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1724.92 *6*	0.399 *12*	^{65}Ni(2.5172 h)	1481.84(24), 1115.546(15.43), 366.27(4.81)
1725.09 *6*	0.165 *11*	^{57}Mn(87.2 s)	122.0614(13.9), 14.41300(10.56), 692.03(5.50)
1725.13 *4*	0.0270 *12*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1725.2 *3*	0.19 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1725.2 *5*	0.058 *18*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1725.2 *6*	0.090 *15*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1725.2 *6*	0.025 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1725.3 *5*	0.067 *22*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1725.3 *7*	0.42 *4*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1725.44 *16*	0.68 *11*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1725.47 *17*	0.0072 *9*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1725.6 *2*	2.8 *8*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1725.64 *17*	0.95 *3*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
1725.9 *5*	0.26 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1725.9 *2*	0.020 *10*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1725.9 *3*	0.19 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1725.90 *20*	1.6 *4*	^{123}Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
1725.9 *4*	0.065 *22*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1725.9 *3*	1.24 *12*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1725.9 *15*	0.153 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 1726.0		^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1726.10 *40*	0.042 *8*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1726.3 *4*	0.078 *16*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1726.3 *3*	0.0024 *4*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1726.3 *5*	0.0040 *15*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 1726.30 *9*	0.061 *7*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1726.4 *3*	0.28 *3*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1726.5 *7*	0.023 *8*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1726.6 *7*	0.62 *17*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1726.7 *3*	0.196 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1726.7 *7*	0.052 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1726.8 *3*	0.020 *6*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1726.9 *6*	0.19 *3*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1726.9 *4*	0.22 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 1726.9 *5*	0.118 *12*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1726.9 *5*	†0.68 *12*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1727.0 *4*	0.11 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1727.02 *11*	0.381 *16*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
1727.05 *20*	0.49 *7*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1727.1 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1727.18 *5*	0.148 *3*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1727.2 *4*	0.067 *6*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1727.2 *6*	0.24 *12*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1727.2 *2*	0.0104 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1727.2 *4*	0.19 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1727.30 *5*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1727.53 *7*	0.007 *1*	^{52}V(3.75 m)	1434.068(100), 1333.649(0.588), 1530.67(0.116)
1727.53 *7*	†0.224 *10*	^{52}Mn(21.1 m)	1434.068(†101.7), 1530.67(†0.0478), 1333.649(†0.031)
1727.6 *2*	0.033 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1727.67 *20*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1727.68 *18*	0.111 *13*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1727.7	0.092 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1727.8 *5*	†1.2 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1727.8 *2*	0.020 *4*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1727.85 *16*	0.50 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1728.0 *10*	>0.025	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1728.02 *7*	0.0410 *21*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1728.1 *3*	0.23 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1728.147 *8*	0.057 *7*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1728.29 *22*	0.26 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1728.4 *10*	0.163 *16*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1728.43 *15*	0.26 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1728.5 *3*	†1.7 *2*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1728.5 *5*	0.088 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1728.5 *3*	0.20 *5*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
1728.59 *7*	8.5 *6*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1728.70 *13*	0.0255 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1728.8 *6*	†0.42 *6*	^{27}Na(301 ms)	984.64(†114), 1697.94(†15.5), 3109.2(†>3.4)
1728.8 *5*	1.30 *18*	^{48}Mn(158.1 ms)	752.15(99.7), 1106.25(39.2), 3676.2(30.4)
1728.85 *6*	0.090 *20*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1729.0	0.41	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1729.1 *5*	0.42 *3*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1729.1 *2*	0.40 *8*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1729.1 *1*	0.034 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1729.2 *6*	4.8 *7*	^{53}Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
1729.473 *18*	0.054 *3*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
1729.55 *13*	1.55 *11*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1729.595 *15*	2.88 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1729.6 *3*	0.009 *3*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1729.68 *12*	†0.55 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1729.7 *6*	0.007 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1729.7 *3*	0.033 *7*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1729.89 *9*	0.0090 *14*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1729.9 *6*	0.030 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1730	4.1 *6*	^{21}O(3.42 s)	1730.3(45.6), 3517(15.4), 279.9(14.8)
1730.0 *4*	0.0118 *18*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1730		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1730.1 *3*	0.77 *9*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
1730.2 *3*	0.0014 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1730.2 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1730.3	45.6 *6*	^{21}O(3.42 s)	3517(15.4), 279.9(14.8), 1787(14.2)
1730.3 *4*		^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1730.35 *23*	0.00222 *18*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1730.35 *23*	0.00124 *20*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
1730.4 *13*	0.15 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1730.4	0.022	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 1730.44 *6*	0.0523 *25*	^{57}Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
1730.5 *3*	1.5 *4*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1730.5 *5*	†7.1 *14*	^{111}Ru(2.12 s)	303.8(†100), 211.7(†77.7), 382.0(†41.3)
1730.5 *5*	0.023 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1730.5 *3*	0.40 *6*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1730.6	0.5 *3*	^{36}P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
1730.6 *4*	0.25 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1730.76 *6*	3.74 *22*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1730.8	0.10 *5*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1730.8 *3*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
• 1730.8 *6*	0.021 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1730.8 *10*	0.19 *4*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1730.9 *9*	0.259 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1730.9 *3*	0.30 *10*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1730.95 *7*	0.55 *3*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1730.95 *6*	1.97 *19*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1731	>0.0010	^{21}F(4.158 s)	350.72(99), 1396(17.0), 1745.5(0.855)
1731.00 *20*	0.137 *13*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
• 1731	0.003 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1731.1 *3*	>0.26	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1731.3 *1*	28 *3*	^{82}As(13.6 s)	654.6(72), 343.5(58), 1895.4(39)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1731.3 *1*	4.1 *3*	^{82}As(19.1 s)	654.6(15), 755.2(1.81), 1080.3(1.69)
1731.3 *5*	1.7 *2*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
• 1731.3 *4*	0.0094 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1731.48 *14*	0.67 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1731.6 *1*	†0.32 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
• 1731.6		^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1731.76 *8*	0.59 *5*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1731.8 *5*	0.19 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1731.82 *12*	0.095 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1731.9 *5*	0.023 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1732.0 *6*	1.95 *15*	^{30}Al(3.60 s)	2235.24(65), 1263.23(40), 3498.37(32)
1732 *1*	0.0012	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1732 *2*	†2.9	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1732.0 *10*	>0.025	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1732.129 *35*	0.234 *6*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1732.2 *3*	0.142 *20*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1732.2	2.8	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1732.2 *15*	†1.8×10^{3} *3*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1732.3 *4*	0.19 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1732.4 *2*	0.0020 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1732.6 *4*	0.049 *15*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1732.67 *10*	0.67 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1732.7 *2*	>0.14	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
1732.70 *25*	0.73 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1732.8 *2*	3.82 *23*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
1732.8 *2*	1.3 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1732.87 *19*	0.27 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1732.9 *9*	0.13 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1732.92 *15*	0.162 *7*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1733.1 *13*	0.6 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1733.11 *15*	1.82	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1733.3 *1*	0.090 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1733.3 *5*	0.0028 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1733.48 *86*	0.10 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1733.64 *11*	0.0209 *16*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1733.7 *8*	0.044 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1733.8 *3*	0.227 *24*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1733.8 *1*	8.1 *18*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1733.8 *4*	0.3 *1*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
1734.0 *7*	0.055 *17*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1734.0 *5*	0.094 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
• 1734.12 *3*	0.0386 *7*	^{148}Pm(5.370 d)	1465.12(22), 550.284(22.00), 914.85(11.46)
1734.13 *16*	†11.6 *8*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1734.2 *3*	0.038 *6*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1734.4 *4*	0.52 *10*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1734.6 *3*	0.091 *13*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1734.69 *20*	0.39 *4*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1734.76 *4*	1.188 *19*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
1734.93 *7*	0.66 *4*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1735.0 *8*	0.09 *4*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
• 1735	0.003 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1735.2 *1*	1.35 *10*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1735.3 *2*	3.7 *4*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1735.3 *6*	0.18 *4*	^{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: $E_\gamma(I_\gamma)$
1735.31 *19*	0.61 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1735.32 *7*	0.0025 *3*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1735.32 *7*	0.282 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1735.4 *6*	0.062 *18*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1735.4	0.21 *4*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1735.4 *4*	0.108 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1735.5 *4*	0.056 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1735.52 *10*		^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
1735.52 *10*		^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
1735.6 *3*	0.15 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1735.6 *5*	0.029 *10*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
1735.6 *4*	0.41 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1735.66 *7*	0.0092 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1735.7 *4*	0.24 *3*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1735.8	1.1	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1735.8 *4*	0.56 *5*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1735.8 *10*	0.73 *14*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1735.8	†1.5	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1735.9 *5*	7.1 *4*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1735.9 *3*	0.030 *6*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1735.9 *2*	0.16 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1736	>0.0010	^{21}F(4.158 s)	350.72(99), 1396(17.0), 1745.5(0.855)
1736.0 *4*	0.32 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1736.25 *11*	0.88 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1736.3 *13*	0.10 *5*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1736.3 *2*	0.057 *8*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1736.4 *12*	0.07 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1736.4	28.0	^{149}Ho(58 s)	1034.6(99.7), 372.1(25.3), 1754.0(19.0)
1736.40 *8*	6.9 *3*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 1736.40 *8*	0.00019 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1736.5 *10*	6.0 *7*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1736.5 *7*	†1.0 *5*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1736.5 *4*	†0.7 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
• 1736.60 *30*	0.039 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1736.7 *7*	0.6 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1736.7 *2*	0.074 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1736.7 *4*	0.92 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1736.7 *2*	0.038 *4*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1736.7 *4*	0.07 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1736.8	3.80	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1736.9 *1*	1.87 *18*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1737		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
• 1737.03 *26*	0.042 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1737.09 *20*	0.077 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1737.1 *5*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 1737.1		^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1737.2 *4*	0.11 *3*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1737.20 *20*	2.1 *5*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
1737.2 *3*	0.0040 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1737.3 *3*	1.86 *19*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1737.4 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1737.4 *4*	0.77 *7*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1737.45 *10*	4.47 *22*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1737.5 *10*	0.43 *14*	^{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: $E_\gamma(I_\gamma)$
1737.5 *5*	0.52 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1737.6 *10*	0.13 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1737.7 *2*	0.074 *8*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1737.73 *10*	†2.11×10^4 *3*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1737.75 *15*	0.018 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1737.9 *3*	0.035 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1737.9 *6*	†0.24 *5*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1737.9 *4*	0.65 *6*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1737.94 *3*	1.47 *9*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1737.94 *5*	0.111 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1737.99 *16*	0.071 *14*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1738 *2*	0.050 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1738.0 *3*	0.105 *20*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 1738.0 *5*	0.003 *1*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
1738.1 *3*	†52 *9*	^{136}I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
1738.1 *3*	0.039 *9*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1738.1 *3*	†2.9 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1738.22 *25*	0.018 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1738.3 *5*	0.55 *10*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1738.3 *10*	0.51 *5*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1738.4 *5*	0.0022 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1738.4 *9*	0.10 *7*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1738.4 *1*	†1.44 *19*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1738.4	2.4	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1738.4 *2*	0.66 *3*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1738.5 *5*	0.33 *7*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1738.7 *3*	0.036 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1738.7 *10*	0.24 *8*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1738.8 *3*	0.00033 *5*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1738.9 *3*	0.85 *7*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1738.9 *3*	†9 *3*	^{194}Bi(106 s)	1308.3(†100), 671.8(†55), 965.4(†41)
1738.93 *8*	1.89 *8*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1738.93 *8*	0.0162 *6*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1738.96	0.25	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1739.0 *1*	0.0156 *10*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
1739.10 *25*	0.13 *3*	^{132}Sn(39.7 s)	340.53(49), 85.58(48.2), 899.04(44.8)
• 1739.1 *6*	0.029 *4*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1739.13 *9*	0.13 *3*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1739.2 *5*	†2.2 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1739.3 *4*	0.32 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1739.4 *4*	0.45 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1739.4 *10*	1.4 *3*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1739.4 *4*	0.028 *6*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1739.43 *19*	0.209 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 1739.5 *9*	0.024 *6*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1739.5 *2*	†4.73 *22*	^{200}Bi(31 m)	1026.5(†110), 462.34(†45.7), 419.70(†26.0)
1739.7 *5*	1.27 *22*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1739.8 *3*	1.25 *22*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1739.82 *15*	1.53 *13*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1740.0 *3*	0.41 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1740 *2*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1740.1 *2*	0.014 *7*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1740.17 *7*	1.38 *8*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1740.2 *4*	0.018 *3*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1740.25 *10*	1.42 *10*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1740.35 *15*	0.0135 *7*	^{91}Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
1740.4 *4*	0.23 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1740.42 *30*	0.011 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1740.5 *3*	0.10 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1740.50 *20*	0.34 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1740.54 *7*	2.04 *5*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
1740.6	0.33 *3*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
• 1740.65 *30*	0.081 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1740.7 *2*	0.092 *9*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1740.7 *3*	†2.5 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1740.80 *11*	0.39 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1740.9	0.37	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1741.0 *10*	0.035 *13*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1741.1 *2*	0.048 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1741.2 *9*	0.11 *3*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1741.2 *3*	0.090 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1741.34 *12*	0.204 *18*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1741.4 *1*	0.00126 *19*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1741.49 *5*	2.67 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1741.5 *2*	0.052 *22*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1741.5 *2*	0.070 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1741.52 *24*	1.62 *25*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1741.57 *8*	0.137 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1741.6 *2*	0.29 *3*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1741.6 *6*	0.55 *5*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
1741.75 *9*	0.084 *6*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1741.78 *13*	0.80 *6*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1741.8 *4*	0.033 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1741.8 *2*	0.40 *8*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1741.9 *10*	0.118 *15*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1741.9 *1*	0.54 *7*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1742.0 *9*	0.06 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1742.0 *3*	0.0082 *24*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1742.07 *11*	†51 *5*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1742.1 *4*	0.086 *15*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1742.32 *68*	0.011 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1742.4 *2*	0.0148 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1742.4 *3*	0.050 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1742.49 *8*	1.28 *7*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1742.49 *73*	0.13 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1742.5 *13*	0.22 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1742.6 *5*	0.057 *9*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
1742.7 *3*	0.087 *9*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1742.81 *15*	0.88 *14*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1743 *2*		^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
1743		^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
1743.08 *20*	0.30 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1743.1 *5*	1.61 *23*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
1743.2 *9*	0.069 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1743.2 *5*	0.11 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1743.2 *5*	0.052 *9*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1743.2 *2*	0.033 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 1743.27 *15*	0.0219 *19*	^{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: $E_\gamma(I_\gamma)$
1743.3 *3*	0.068 *5*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
• 1743.399 *35*	0.0303 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1743.4 *1*	0.44 *14*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1743.4 *1*	1.61 *23*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
1743.4 *3*	0.45 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1743.5 *3*	0.0569 *25*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1743.5 *5*	0.32	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1743.5 *5*	0.32	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1743.5 *5*	0.16 *6*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1743.5 *2*	0.107 *11*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1743.54 *20*	2.10 *20*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1743.6 *4*	1.1 *5*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1743.6 *5*	0.042 *17*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1743.6 *5*	0.25	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1743.8 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1743.8 *5*	0.17 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1743.9 *2*	1.2 *3*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1743.9 *6*	†12	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
1744 *2*	0.15	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1744.0 *3*	0.49 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1744.0 *7*	0.0020 *10*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
1744.16 *15*	<0.8	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
1744.16 *15*	1.7 *3*	^{68}Cu(31.1 s)	1077.35(64), 1260.97(12.5), 1883.09(2.4)
1744.16 *15*	0.0090 *12*	^{68}Ga(67.629 m)	1077.35(3.0), 1883.09(0.130), 1260.97(0.0900)
1744.16 *24*	0.043 *8*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1744.3 *5*	0.069 *20*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
• 1744.3 *5*	0.031 *9*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1744.4 *10*	0.66 *13*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1744.4 *5*	5.4 *3*	^{98}Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
1744.4 *4*	0.021 *3*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1744.4 *5*	0.46 *4*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1744.5 *4*	†62 *6*	^{88}Se(1.52 s)	159.2(†100), 259.2(†82), 1903.7(†64)
1744.5 *4*	†0.39 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1744.5 *4*	0.59 *10*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
• 1744.52 *15*	0.129 *3*	^{89}Zr(78.41 h)	908.96(100), 1713.06(0.763), 1657.28(0.107)
1744.6 *5*	0.086 *11*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1744.6 *5*	>0.06	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1744.6 *2*	1.07 *11*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1744.6 *5*	0.48 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1744.61 *13*	0.0198 *20*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1744.7 *2*	1.68 *17*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1744.7 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1744.8 *4*	†1.1 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1744.8 *5*	1.36 *16*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1744.9 *2*	4.80 *9*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1744.9 *4*	0.27 *8*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1744.99 *13*	17.3 *16*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1581.54(13.7)
1745.15 *20*	0.74 *6*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1745.2 *3*	0.040 *9*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1745.2 *3*	0.35 *5*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1745.21 *17*	†0.95 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1745.28 *20*	0.41 *4*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1745.28 *20*	0.0066 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1745.29 *14*	0.11	^{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: $E_\gamma(I_\gamma)$
1745.3 *9*	0.045 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1745.32 *7*	0.69 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1745.4 *4*	0.72 *17*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1745.4 *5*	0.040 *12*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1745.5	0.855 *15*	^{21}F(4.158 s)	350.72(99), 1396(17.0), 4334(0.0526)
1745.6 *2*	†<0.1	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
1745.60 *12*	0.0118 *13*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1745.7 *5*	0.12 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1745.77	2.44 *8*	^{38}S(170.3 m)	1941.944(83), 2750.97(1.38), 1692.420(0.166)
1745.82 *3*	1.38 *9*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1745.9 *5*	†0.42 *16*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1745.9 *2*	0.084 *5*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1745.92 *11*	0.071 *25*	^{202}Au(28.8 s)	439.59(10.0), 1125.20(2.30), 1306.38(2.25)
1746 *1*	3.2 *10*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
1746.1 *4*	0.13 *5*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1746.1 *3*	0.146 *12*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1746.2 *6*	†0.25 *6*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1746.22 *27*	†2.2 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1746.3 *5*	0.08 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
• 1746.30 *30*	0.0300 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1746.3 *3*	0.34 *10*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1746.4 *1*	0.76 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
• 1746.403 *16*	0.057 *6*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1746.6	†6	^{99}Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
1746.68 *15*	1.72 *10*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1746.7 *3*	0.17 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1746.70 *20*	1.30 *20*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1746.7 *5*	0.0113 *17*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 1746.78 *14*	0.063 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1746.8 *2*	†4	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1746.8 *5*	†2.5 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
• 1746.9		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1746.93 *4*	0.326 *7*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1747.0 *6*	0.039 *8*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1747.0 *2*	0.040 *10*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1747.0 *5*	0.22 *3*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1747.0 *4*	0.0050 *18*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1747.1	2.76 *24*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
1747.3 *3*	0.24 *4*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1747.3 *3*	0.027 *3*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1747.4 *6*	0.040 *9*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
1747.5 *10*	0.313 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1747.6 *8*	0.042 *17*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
• 1747.7 *4*	0.0112 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1747.8 *10*	0.009 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1747.8 *5*	0.65 *25*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1747.9 *3*	0.105 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1748.0 *4*	0.06 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1748.0 *4*	†2.5 *8*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1748.0 *5*	0.21 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1748.0 *8*	0.71 *7*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1748.4 *1*	71 *8*	^{149}Er(4 s)	1577.9(20), 171.5(14), 1233.0(4.0)
1748.45 *10*	1.45 *8*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1748.5 *10*	†1.9 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1748.5 *5*	1.9	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 1748.58 *10*	0.0344 *11*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1748.6 *3*	0.017 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1748.60 *16*	0.135 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1748.7 *2*	0.08 *3*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1748.7 *4*	0.157 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1748.7 *5*	0.07 *3*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1748.7 *4*	0.0113 *17*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1748.77 *7*	0.00041 *14*	^{15}C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
1748.8 *3*	1.13 *18*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1748.8 *5*	†1.3 *4*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1749.0 *5*	†0.24 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1749.0 *4*	0.0032 *11*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1749.0 *2*	0.33 *4*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1749.22 *3*	1.03 *4*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
• 1749.25 *25*	0.0231 *18*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1749.3 *2*	†9.1 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1749.31 *40*	0.12 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1749.41 *13*	0.00141 *21*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1749.5 *3*	0.64 *7*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1749.5 *3*	0.148 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1749.5 *8*	0.12 *4*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1749.61 *19*	0.252 *23*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1749.65 *8*	3.95 *25*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1413.19(1.09)
1749.70 *10*	2.32 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1749.75 *7*	0.29 *5*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1749.8 *8*	0.3 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1749.8 *5*	0.202 *21*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1749.87 *4*	0.0009 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
• 1749.9 *3*	0.059 *17*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
• 1749.91 *6*	0.0277 *5*	^{166}Ho(26.83 h)	80.574(6.71), 1379.40(0.93), 1581.89(0.187)
1749.91 *6*	0.0214 *15*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1750.0 *5*	0.07	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1750 *2*	0.14 *4*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
1750	0.7	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1750.0 *3*	0.18 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1750.0 *1*	0.064 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1750.1 *20*	0.033 *5*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1750.2 *3*	0.66 *6*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1750.2 *6*	†4.5 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1750.24 *22*	1.09 *10*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
1750.28 *16*	0.147 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1750.3 *4*	0.081 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1750.3 *6*	0.12 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1750.4 *1*	0.78 *14*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1750.42 *2*	2.350 *7*	^{96}Y(5.34 s)	2225.93(0.322), 475.33(0.188), 469.33(0.172)
1750.42 *2*	89	^{96}Y(9.6 s)	915.0(60), 617.1(56), 1106.88(49)
1750.45 *6*	0.0288 *13*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1750.5 *3*	†4.8 *10*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1750.5 *5*	0.26 *4*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1750.54 *20*	0.0082 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1750.54 *20*	0.031 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1750.6	14.2 *5*	^{35}K(190 ms)	2982.67(50.8), 2589.80(26.4), 1184.0(7.3)
1750.7 *7*	0.19 *8*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1750.7 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1750.9 *6*	0.037 *5*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
1751.0 *3*	0.058 *12*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1751.0 *4*	0.035 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1751 *2*	†58 *14*	^{234}Ac(44 s)	1847(†100), 1912(†91), 688.5(†87)
1751.1 *5*	†0.29 *16*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1751.1 *3*	0.028 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1751.1 *3*	0.85 *5*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1751.14 *20*	4.1 *3*	^{86}Nb(88 s)	751.74(97.8), 914.81(78.1), 1003.24(37.4)
1751.2 *6*	0.42 *9*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
• 1751.2 *4*	0.014 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1751.3 *2*	0.050 *14*	^{94}Sr(75.3 s)	1427.7(94), 723.8(2.40), 703.9(2.13)
1751.40 *20*	0.130 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1751.4	0.008 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1751.60 *7*	2.5 *2*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1751.65 *21*	0.138 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1751.9 *6*	0.47 *8*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1752.0 *3*	0.099 *13*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1752.0 *2*	†0.74 *6*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1752.0 *15*	2.1 *10*	^{135}Nd(12.4 m)	204.02(52), 41.43(23), 441.2(14.9)
1752		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1752.05 *17*	†0.36 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1752.1 *5*	5	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1535.0(4.9)
1752.16 *20*	0.223 *20*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 1752.2 *1*	0.050 *6*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1752.2 *5*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1752.3 *10*	<0.11	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1752.3 *7*	0.025 *8*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1752.40 *20*	1.46 *7*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1752.5 *10*	0.009 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1752.5 *1*	0.102 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1752.6 *4*	0.20 *3*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1752.6 *4*	0.21 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1752.62	4.06 *6*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1752.7 *5*	0.092 *11*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1752.7 *3*	0.17 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1752.77 *9*	0.0090 *14*	^{122}Sb(2.70 d)	564.119(69), 692.794(3.78), 1256.901(0.80)
1752.77 *9*	0.0533 *25*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1752.8	>0.21	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1752.8 *7*	0.27 *8*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1752.8 *2*	0.55 *9*	^{140}Eu(1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
1752.88 *20*	0.0119 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1752.9 *2*	0.69 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1752.9 *3*	0.19 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1752.9 *9*	0.39 *23*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1752.9 *2*	>0.06	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1752.9 *3*	0.028 *6*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1752.9 *2*	0.0054 *12*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1752.99 *8*	0.050 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1753.0 *8*	>0.08	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1753.0 *15*	0.23 *8*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1753.12 *19*	0.043 *9*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1753.2	0.040 *8*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
1753.3 *5*	0.62 *7*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1753.4	0.60	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1753.4 *2*	†0.61 *16*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1753.45 *10*	0.020 *4*	^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
1753.45 *8*	0.147 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1753.5 *8*	0.58 *19*	^{62}Co(13.91 m)	1172.9(97), 1163.4(67.3), 2003.48(18.4)
1753.6 *4*	0.094 *19*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1753.6 *3*	0.25 *4*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1753.6 *3*	†3.2 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1753.8 *6*	2.46 *8*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
1753.8 *6*	0.028	^{116}Sb(15.8 m)	1293.54(85), 931.800(24.7), 2225.33(14.2)
• 1753.85 *30*	0.0448 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1753.93 *10*	0.096 *16*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1754.0	19.0	^{149}Ho(58 s)	1034.6(99.7), 1736.4(28.0), 372.1(25.3)
1754.1 *3*	10.4 *8*	^{29}Mg(1.30 s)	2223.9(38), 1397.9(17.3), 960.3(15.8)
1754.1 *10*	0.13 *6*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1754.1 *4*	1.33 *10*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
1754.1 *1*	1.49 *12*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.33)
1754.1 *4*	0.18 *6*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
• 1754.17 *25*	0.053 *18*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1754.39 *14*	0.039 *7*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1754.48 *6*	4.6 *5*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1754.5 *4*	†6.7 *20*	^{152}Pr(3.24 s)	164.2(†100), 284.9(†81.0), 72.40(†38.9)
1754.57 *13*	3.2 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1754.6 *8*	0.109 *10*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1754.6 *2*	0.050 *7*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1754.68 *15*	0.74 *7*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1754.7 *9*	0.41 *8*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1754.7 *10*	0.129 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1754.8 *10*	0.34 *7*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1754.9 *6*	0.121 *10*	^{16}N(7.13 s)	6128.63(67.0), 7115.15(4.9), 2741.5(0.82)
1754.9	11.3 *6*	^{21}O(3.42 s)	1730.3(45.6), 3517(15.4), 279.9(14.8)
1754.9 *5*	0.0043 *10*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1754.9 *2*	0.044 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1754.94 *10*	0.46 *5*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1754.94 *16*	0.07	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1755 *2*	0.09 *4*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1755.0 *4*	5.0×10^{-5} *3*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1755.0 *20*	0.046 *11*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1755.17 *4*	1.22 *11*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1755.2 *6*	†0.08 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1755.22 *15*	0.23	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1755.32 *10*	0.0113 *10*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1755.4 *4*	0.50 *8*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1755.4 *10*	1.03 *15*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1755.5 *4*	1.23 *14*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1755.5 *8*	1.06 *16*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1755.5 *5*	0.0062 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1755.6 *2*	0.025 *12*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1755.6	0.0203 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1755.61 *11*	1.14 *18*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1755.73 *12*	0.58 *6*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1755.8 *8*	0.35 *9*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1755.8	0.020 *8*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1755.88 *17*	0.32 *3*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1755.9 *3*	1.5 *5*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1755.9 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1755.91 *8*	0.060 *13*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
1755.94 *10*	0.815 *25*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1755.94 *10*	0.19 *4*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1755.94 *6*	0.00263 *15*	^{152}Eu(9.274 h)	344.281(2.44), 1314.67(0.956), 970.38(0.604)
1756.0 *20*	†0.4 *1*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1756.0 *5*	0.42 *18*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1756 *1*	0.0008 *5*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1756.0 *3*	0.028 *9*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1756.1 *10*	0.014 *7*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1756.1 *3*	0.093 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1756.1 *2*	1.12 *14*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
• 1756.1 *2*	0.95 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1756.1 *8*	0.48 *10*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1756.1 *2*	0.00141 *22*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1756.2 *2*	0.36 *9*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1756.27 *15*	0.72 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1756.3 *3*	0.16 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1756.3 *3*	16	^{207}Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
1756.4 *9*	2.70 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 1756.4 *3*	0.218 *12*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
• 1756.50 *20*	0.0198 *18*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1756.5 *3*	0.33 *3*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1756.66 *6*	0.80 *3*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1756.7 *5*	†2.5 *8*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
1756.8 *2*	0.045 *22*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1756.8 *8*	0.35 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1756.82 *8*	0.055 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1756.93 *20*	0.32 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1757.0 *4*	0.52 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1757.1 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1757.1 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1757.1 *1*	3.17 *19*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1757.1 *2*	0.00158 *25*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1757.25 *14*	0.063 *6*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1757.26 *18*	0.00042 *9*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1757.26 *18*	0.060 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1757.4 *2*	0.30 *3*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1757.4 *2*	†17.1 *12*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1757.5 *4*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1757.5 *3*	0.37 *5*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1757.5 *1*	0.869 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1757.5 *1*	0.024 *5*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 1757.55 *3*	5.75 *16*	^{57}Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
• 1757.6 *3*	0.028 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1757.6	0.9	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1757.6 *7*	0.48 *4*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1757.8 *5*	0.070 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1757.9 *3*	0.151 *19*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
1757.9 *2*	0.0093 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1757.9 *1*	34.2 *20*	^{145}Gd(23.0 m)	1880.6(32.6), 1041.8(9.9), 808.4(8.6)
1757.9 *5*	0.24 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1758.0 *5*	0.29 *11*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1758.06 *20*	0.0191 *17*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1758.1 *3*	0.119 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1758.10 *10*	0.0025 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1758.12 *7*	0.036 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1758.12 *7*	0.56 *3*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1758.14 *17*	0.74 *6*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1758.2 *2*	0.35	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1758.2 *3*	4.0 *7*	^{52}Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
1758.2 *5*	0.21 *3*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1758.2 *6*	0.67 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1758.30 *20*	4.9 *4*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1758.3 *7*	0.18 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1758.3 *4*	0.11 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1758.5 *4*	0.89 *20*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1758.5 *10*	0.25 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1758.6 *3*	0.32 *4*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1758.6 *6*	0.45 *7*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1758.64 *14*	0.65 *13*	^{98}Nb(2.86 s)	787.374(13), 1023.73(6.1), 1432.22(3.4)
1758.64 *14*	0.056 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1758.7	0.047 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1758.7 *4*	0.12 *6*	^{140}Eu(1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
1758.7 *3*	0.039 *9*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1758.8 *2*	1.07 *11*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1758.86 *19*	0.346 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1758.902 *15*	0.14 *4*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
• 1758.95 *20*	0.081 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1759.1 *4*	†0.43 *13*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1759.3 *10*	0.032 *8*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1759.3	1.4	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
1759.30 *5*	0.0212 *17*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1759.32 *15*	0.12 *1*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1759.4 *5*	0.158 *23*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1759.43 *21*	0.0057 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1759.5 *3*	0.28 *5*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1759.5 *2*	1.11 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1759.6 *2*	0.93 *9*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1759.6 *3*	0.006 *4*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1759.60 *10*	6.8 *5*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1759.6 *10*	0.97 *23*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1759.76 *9*	0.98 *6*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1759.81 *10*	†1.4×10^3 *7*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1759.93 *10*	†0.82 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1759.97 *5*	0.029 *3*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
• 1759.980 *16*	0.044	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1760.0 *12*	0.10 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1760 *20*		^{201}Pt(2.5 m)	230, 150, 70
• 1760.03 *14*	<0.00031	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
• 1760.2		^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1760.4 *1*	2.28 *16*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1760.4 *6*	0.059 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1760.5 *8*	0.37 *11*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1760.5 *3*	†1.14 *20*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1760.62 *10*	0.93 *14*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1760.7 *3*	†2.9 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1760.7 *3*	0.80 *5*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1760.7 *3*		^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1760.75 *9*	0.206 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1760.79 *13*	2.8 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1761.0 *7*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1761.3 *2*	2.03 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1761.3 *4*	0.38 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1761.3 *3*	0.0059 *16*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1761.3 *3*	0.309 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 1761.35 *30*	0.042 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1761.4 *10*	†1.23 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1761.4 *10*	3.8 *7*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1761.4 *8*	0.15 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1761.40 *20*	0.130 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1761.5 *10*	†0.8 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1761.5 *15*	0.135 *20*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1761.5 *4*	0.090 *11*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1761.7 *5*	1.2	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1761.77 *8*	0.034 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1761.971 *6*	0.05 *1*	^{49}Sc(57.2 m)	1622.6(0.010)
1762 *1*	8.0×10^{-5} *3*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1762.1 *4*	0.23 *5*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1762.4 *3*	1.16 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1762.4 *12*	0.09 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
• 1762.49 *6*	0.00779 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1762.6 *5*	2.5 *3*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1762.60 *25*	†3.0 *8*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1762.7 *2*	0.111 *13*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1762.7 *2*	1.94 *18*	^{98}Y(0.548 s)	1223.0(36.0), 2941.3(16.7), 1590.9(14.7)
1762.7 *9*	0.08 *3*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1762.7 *9*	0.50 *20*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
1762.7 *1*	6.0 *3*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1807.8(2.24)
1762.8 *4*	0.071 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1762.86 *18*	0.90 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1762.9 *6*	†3.8 *3*	^{201}Po(8.9 m)	967.4(†100.0), 964.3(†85), 411.9(†33.0)
1763.0 *10*	†0.63 *25*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1763.0 *3*	0.24 *3*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
1763.08 *18*	0.24 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1763.10	0.312 *5*	^{35}Ar(1.775 s)	1219.42(1.35), 2693.5(0.1480), 3002.60(0.0977)
1763.1 *5*	0.65 *19*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
• 1763.1 *6*	0.104 *5*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1763.1	0.10	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
• 1763.35 *5*	0.185 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1763.40 *20*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1763.4 *5*	0.15 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1763.5 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1763.7 *1*	9.2 *18*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1763.7 *8*	4 *1*	^{132}Sb(4.10 m)	696.8(100), 973.9(100), 150.6(66)
• 1763.7 *2*	0.0062 *7*	^{148}Pm(5.370 d)	1465.12(22), 550.284(22.00), 914.85(11.46)
1763.7 *5*	†105 *52*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1763.80 *15*	0.150 *18*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1763.8 *3*	0.28 *6*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1763.84 *12*	0.24 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1764 *1*	3.0 *10*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1764	†1.0	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1764.1 *2*	0.22 *5*	^{142}Tb(597 ms)	515.0(25), 465.0(2.7), 853.1(2.42)
1764.1 *16*	†2.1 *9*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1764.2 *3*	0.018 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1764.2 *2*	0.00089 *20*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1764.3 *9*	0.45 *15*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
• 1764.36 *4*	1.368 *6*	^{205}Bi(15.31 d)	703.44(31), 987.62(0.585), 1043.72(1.291)
1764.4 *3*	0.139 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1764.494 *14*	15.36 *20*	^{214}Bi(19.9 m)	609.312(44.8), 1120.287(14.80), 1238.110(5.86)
1764.5 *9*	0.09 *5*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1764.5 *5*	†0.67 *16*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1764.5 *3*	†0.21 *4*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1764.8 *3*	0.78 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1764.8 *7*	0.013 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1764.8 *3*	†6.5 *13*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1764.86 *9*	0.007 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1764.9 *4*	0.15	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1764.9 *4*	0.16	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1764.92 *40*	0.29 *5*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1765.0 *1*	0.050 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1765.0 *15*	†1	^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
1765.2 *5*	<0.006	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1765.2 *6*	0.050 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1765.2 *2*	0.0070 *11*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1765.3 *5*	4.0 *3*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1765.36 *9*	1.05 *5*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1765.4 *8*	0.11	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
1765.40 *30*	0.00019 *14*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1765.4 *4*	0.00017 *7*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1765.44 *10*	†8.68×10^{3} *13*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1765.6 *7*	0.29 *5*	^{94}Tc(293 m)	871.082(100), 702.626(99.6), 849.74(95.7)
• 1765.7 *4*	0.0150 *18*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1765.7 *3*	1.7 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1765.7 *8*	0.59 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1765.71 *22*	0.0022 *5*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1765.75 *15*	0.48	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1765.8 *4*	0.30 *6*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1765.8 *1*	3.6 *4*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1765.8 *3*	0.98 *10*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1765.9 *4*	0.18 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1765.9 *8*	1.0 *4*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
• 1765.9 *4*	0.043 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1766.1 *4*	0.048 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 1766.1 *2*	0.704 *22*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1766.1 *5*	0.21 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1766.12 *10*	1.24	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1766.16 *15*	†4.8 *10*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1766.17 *18*	0.17 *4*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1766.20 *10*	0.0343 *6*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1766.20 *10*	0.00249 *25*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
1766.2 *5*	0.40 *8*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1766.2 *2*	0.072 *10*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1766.52 *15*	0.40 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1766.64 *13*	0.63 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1766.7 *3*	0.19 *3*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1766.776 *13*	0.085 *8*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1766.8 *5*	4.1 *6*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1766.8 *4*	0.131 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1767.0 *5*	0.10 *4*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1767.0 *2*	0.35 *4*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1767.0 *2*	0.5 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1767.0 *2*	0.0147 *17*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1767.00 *4*	0.121 *13*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1767.0 *1*	0.51 *4*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1767.05 *8*	0.43 *5*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1767.05 *8*	0.032 *16*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1767.1 *5*	0.99 *10*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
• 1767.15 *30*	0.081 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1767.2 *5*	0.090 *13*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1767.21 *14*	0.056 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1767.3 *9*	0.071 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1767.3	0.11	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1767.3 *8*	0.16 *7*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1767.45 *15*	0.0104 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1767.47 *17*	0.37 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1767.5 *4*	0.22 *5*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1767.6 *3*	0.69 *20*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
1767.65 *10*	0.184 *9*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1767.7 *10*	0.108 *22*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1767.74 *8*	3.18 *13*	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
1767.8 *3*	0.26 *4*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1768.0 *4*	0.33 *11*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1768.0	0.07	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1768.0 *5*	0.071 *13*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1768.0 *3*	0.020 *4*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1768.07 *7*	0.56 *4*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1768.19 *21*	0.0158 *25*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1768.2 *3*	1.94 *14*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
1768.2 *1*	0.0049 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1768.2 *7*	0.24 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1768.22 *19*	0.149 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1768.22 *16*	0.18	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1768.26 *13*	16.7 *4*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 2015.82(12.25)
1768.3 *3*	0.44 *6*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1768.3 *3*	0.52 *3*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1768.48 *15*	0.22 *6*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1768.49 *7*	0.269 *24*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1768.5 *8*	0.025 *8*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1768.5 *5*	0.033 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1768.5 *8*	†2.3 *6*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1768.6 *5*	0.00022 *4*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1768.79 *20*	0.334 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1768.9 *4*	†3.5 *15*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
1769	†0.41	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1769.0 *1*	0.039 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1769 *1*	0.093 *21*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
1769.09 *5*	0.017 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
• 1769.09 *5*	0.0088 *6*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1769.13	0.0094 *13*	^{38}K(7.636 m)	2167.405(99.858), 3936.43(0.142)
1769.2 *4*	0.016 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1769.24 *27*	†0.21 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1769.27 *21*	0.89 *11*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1769.36 *8*	1.22 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1769.4	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1769.4 *9*	0.09 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1769.47 *7*	0.0020 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1769.5 *4*	0.09 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1769.5 *6*	0.18 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1769.6 *12*	1.2 *3*	^{86}Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
1769.60 *7*	0.0063 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1769.60 *20*	0.0021 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1769.69 *42*	0.32 *10*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1769.7 *3*	0.313 *17*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1769.9 *4*	0.16 *5*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1769.9 *5*	>0.42	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1769.9 *3*	0.019 *8*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
1770.0 *2*	0.0130 *17*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1770.0 *3*	0.40 *11*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1770.144 *22*	0.0036 *9*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1770.2 *8*	0.012 *6*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1770.2 *6*	0.078 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1770.2 *4*	0.012 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 1770.237 *10*	6.87 *4*	^{207}Bi(31.55 y)	569.702(97.74), 1063.662(74.5), 1442.20(0.130)
1770.3 *5*	0.38 *7*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
• 1770.3 *4*	0.0112 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1770.4 *4*	0.0034 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1770.4 *2*	0.00126 *19*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1770.45 *16*	0.45 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1770.5 *5*	†0.93 *17*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1770.5 *8*	†310 *71*	^{177}Re(14 m)	196.85(†1200), 79.65(†1010), 84.3(†890)
1770.5 *10*	0.098 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1770.52 *11*	0.165 *19*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1770.8 *3*	0.179 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1770.8 *7*	0.19 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1770.8 *2*	0.54 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1770.8 *2*	0.067 *15*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1770.9 *3*	0.42 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1770.9 *3*	0.266 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1770.9 *4*	0.51	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1770.95 *30*	0.16 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1771.00 *26*	8.0×10^{-5} *8*	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
1771.00 *26*	0.025 *25*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1771.0 *11*	0.5 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1771 *1*	0.10 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1771.05 *13*	0.32 *3*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
1771.09 *20*	3.0 *3*	^{130}In(0.55 s)	2258.79(88), 391.39(11.4), 96.54(4.2)
• 1771.1 *3*	0.040 *7*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1771.2 *5*	0.191 *12*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1771.21 *27*	0.016 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1771.3 *3*	0.099 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 1771.351 *16*	15.69 *15*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1771.4 *2*	†7.1 *6*	^{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: $E_\gamma(I_\gamma)$
1771.6 *7*	0.135 *20*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1771.8 *3*	0.46 *4*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1771.89	0.40 *1*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
1772.1 *2*	0.074 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1772.1 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1772.18 *30*	0.0019 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1772.2 *3*	5.5 *5*	^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
1772.3 *6*	0.419 *7*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
1772.3 *3*	0.79 *6*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1772.3 *5*	†0.18 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1772.6 *4*	0.012 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1772.66 *6*	0.45 *3*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1772.67 *14*	1.27 *9*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1772.7	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1772.7 *6*	0.031 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1772.74 *25*	0.149 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1772.77 *7*	0.67 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1772.8	0.018 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1772.8 *5*	0.156 *14*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1772.8 *7*	0.06 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1772.89 *5*	0.050 *19*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1772.89 *5*	0.17 *3*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1772.9	0.053 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 1773 *1*	0.00032 *14*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1773.0 *5*	0.036 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1773.0 *2*	0.067 *15*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1773.2 *4*	0.66 *22*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1773.2 *4*	1.3 *3*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1773.2 *1*	0.66 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1773.2	0.057 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1773.27 *7*	0.14 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1773.3 *7*	†1.3 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1773.4 *5*	0.16 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1773.4 *5*	0.59 *20*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
1773.5 *3*	0.30 *3*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1773.68 *20*	0.34 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1773.8 *5*	†124 *18*	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1827.2(†1410)
1773.84 *20*	0.066	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1773.84 *13*	0.302 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1774.0 *7*	0.141 *25*	^{140}Pm(9.2 s)	773.74(5.0), 477.1(2.6), 1204.8(1.9)
1774.1 *3*	0.24 *3*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1774.16 *73*	0.07 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
• 1774.2 *4*	0.060 *7*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1774.3 *8*	0.007 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1774.3 *5*	0.098 *11*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1774.353 *36*	0.0478 *12*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1774.4	0.053 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1774.4 *8*	0.28 *4*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1774.5 *7*	0.00126 *22*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1774.5	†7.7 *10*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1774.5 *7*	†0.13 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1774.56 *15*	1.6	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1774.6	0.27 *4*	^{26}Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
1774.6 *4*		^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1774.8 *3*	0.34 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1774.83 *16*	0.161 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1774.9 *2*	0.0067 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1774.90 *20*	0.50 *9*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1774.9 *2*	0.0170 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1775	1.5 *2*	^{26}Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
1775.0 *4*	0.52 *7*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
• 1775 *2*	>0.0021	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1775.0 *3*	0.30 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1775.2 *5*	0.46 *6*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1775.26 *6*	0.266 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1775.3 *1*	1.12 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1775.3 *2*	0.0030 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 1775.42 *4*	0.0063 *10*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1775.44 *15*	0.17 *3*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1775.49 *20*	1.9 *3*	^{130}In(0.55 s)	2258.79(88), 391.39(11.4), 96.54(4.2)
1775.49 *20*	1.16 *18*	^{130}In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
1775.5 *10*	2.8 *4*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1775.5 *7*	0.253 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1775.5 *10*	0.135 *15*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1775.60 *18*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
1775.60 *18*	†3.9 *8*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1775.7 *2*	0.167 *13*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1775.7 *7*	0.50 *10*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1775.79 *21*	0.27 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1775.79 *6*	1.16 *17*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
• 1775.79 *4*	0.877 *8*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1775.8 *10*	†1.55 *18*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1775.8 *10*	5.1 *7*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1775.8 *8*	0.24 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1776.0 *3*	0.018 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1776.0 *3*	0.0087 *17*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1776.1 *7*	0.19 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
• 1776.10 *30*	0.258 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1776.2	0.19	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
1776.3 *2*	11.1 *6*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 653.6(8.9)
1776.3 *5*	0.028 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1776.4 *4*	†6.7 *17*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
1776.5 *7*	4.1 *6*	^{53}Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
1776.7	0.0158 *24*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
• 1776.87 *4*	0.0654 *22*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1776.9 *4*	0.185 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1776.9 *2*	†9.0 *13*	^{181}Hg(3.6 s)	147.8(†100), 42.5(†25), 1986.7(†17)
1776.93 *27*	0.087 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1777.0 *4*	0.48 *11*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1777.2 *3*	0.87 *9*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1777.4 *2*	0.0084 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1777.60 *10*	0.76 *6*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1777.6 *5*	0.034 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1777.70 *10*	20.1 *12*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
• 1777.85 *25*	0.0231 *24*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1777.87 *15*	0.29 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1777.98	2.12 *5*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1778.0 *5*	0.11 *6*	^{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: $E_\gamma(I_\gamma)$
1778.1 *6*	†0.21 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1778.12 *16*	0.43 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1778.2 *3*	0.098 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1778.2	0.25 *6*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1778.2	0.78 *10*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1778.2 *5*	0.08	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1778.25 *23*	0.137 *23*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1778.3 *10*	0.36 *20*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
1778.3 *10*	†135	^{93}Rb(5.84 s)	814.98(†27000), 569.8(†800), 963.5(†460)
1778.3 *5*	0.25 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1778.3 *2*	0.099 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1778.4 *7*	0.0007	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1778.4 *3*	0.32 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1778.5 *4*	0.079 *8*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1778.6 *4*	0.050 *7*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1778.6 *3*	†2.0 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 1778.6 *1*	0.049 *11*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1778.66 *13*	5 *3*	^{103}In(65 s)	187.97(55), 720.32(13.9), 739.95(10.1)
1778.7 *5*	0.93 *10*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1778.74 *7*	0.27 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1778.8 *5*	0.50 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 1778.8 *4*	0.0242 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1778.8 *5*	0.16 *7*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1778.85 *16*	0.82 *7*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1778.9 *3*	0.313 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1778.9	0.8	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1778.92 *6*	0.0222 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1778.969 *12*	100	^{28}Al(2.2414 m)	
1778.969 *12*	97.5 *5*	^{28}P(270.3 ms)	4496.78(11.0), 7535.80(8.5), 6808.79(3.33)
1778.969 *12*	11.6 *6*	^{29}S(187 ms)	2838.67(0.16)
1778.99 *19*	>0.30	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
1779.0 *3*	1.38 *7*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1779.05 *3*	1.91 *11*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1779.1 *2*	0.92 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1779.1 *3*	2.5 *8*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1779.1 *1*	2.5 *3*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1779.1 *4*	0.026 *11*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
1779.1 *3*	2.00 *19*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
1779.1 *5*	0.020 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1779.2 *5*	0.065 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1779.36 *34*	†1.3 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1779.4 *4*	0.73 *10*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1779.40 *26*	0.015 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1779.4 *9*	0.16 *7*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1779.5 *10*	<0.10	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1779.51 *39*	0.12 *4*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1779.6 *7*	0.062 *17*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
• 1779.66 *3*	0.1136 *17*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
1779.66 *3*	0.262 *17*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1779.68 *8*	0.57 *3*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1779.7 *4*	0.012 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1779.8 *3*	0.39 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1779.8	0.38	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1779.83 *12*	0.33 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1779.870 *21*	0.216 *13*	^{88}Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
1779.91 *23*	0.113 *9*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1779.96 *19*	2.09 *17*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1780.0 *5*	0.041	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1780.04 *6*	6.71 *16*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1780.1 *2*	1.50 *20*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1780.2 *12*	0.33 *9*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1780.2 *4*	0.26 *13*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 1780.27 *10*	0.0151 *20*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1780.3 *5*	0.37 *9*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1780.5 *9*	0.13 *4*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1780.5 *5*	0.071 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1780.5 *5*	0.057 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1780.5 *2*	0.0040 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1780.58 *6*	0.68 *10*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1780.69 *11*	0.0052 *4*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
1780.73 *9*	0.66 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1780.8 *4*	0.30 *10*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1780.8 *7*	0.95 *10*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1781.0 *3*	0.0034 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1781.1 *3*	0.40 *14*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1781.2 *4*	0.13 *4*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1781.2 *5*	†4 *1*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
1781.3 *5*	4.0 *4*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1781.3 *5*	0.076 *4*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1781.3 *4*	0.19 *6*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
1781.4 *3*	1.87 *18*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1781.40 *15*	0.0208 *23*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1781.6 *2*	0.0139 *17*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1781.67 *7*	0.54 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1781.7 *4*	†1.7 *6*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1781.7 *9*	0.10 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 1781.75 *5*	0.94 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1781.8 *5*	0.0055 *5*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1781.8 *4*	3.1 *6*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1781.8 *5*	2.1 *5*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1781.8	†0.9	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1782 *6*	0.36	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1782 *2*	0.012	^{142}Pm(40.5 s)	1575.85(2.0), 641.4(0.384), 2384.3(0.067)
1782.03 *7*	0.69 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1782.1 *10*	>0.0050	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1782.2 *1*	0.221 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1782.2	0.33	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1782.36 *13*	0.052 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1782.5 *17*	5.0 *12*	^{32}Na(13.2 ms)	885.4(60), 2151.3(32), 239.5(16.6)
1782.5 *3*	†1.09 *24*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1782.6 *4*	0.0389 *17*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1782.6 *4*	0.0157 *23*	^{162}Ho(15.0 m)	80.660(8.0), 1319.3(3.8), 1372.8(0.81)
1782.7 *3*	†1.4 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 1782.8 *5*	0.068 *7*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1782.9 *5*	0.0012 *8*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1782.9 *20*	0.036 *10*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1782.9 *1*	†1.00 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1783	0.22	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
1783.1 *5*	0.33	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1783.12 *23*	†14.9 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
• 1783.19 *5*	0.103 *3*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1783.2 *3*	0.109 *9*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 1783.3 *5*	0.0042	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
• 1783.3 *4*	0.0242 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1783.36 *3*	0.0054 *18*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1783.4 *3*	0.38 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1783.4 *6*	0.038 *16*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
• 1783.4 *4*	0.014 *4*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1783.43 *6*	0.415 *19*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1273.23(0.228)
1783.48 *4*	0.0045 *6*	^{110}Ag(24.6 s)	657.7622(4.5), 815.35(0.0382), 1125.700(0.0153)
• 1783.48 *4*	0.0097 *10*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1783.48 *4*	0.284 *20*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1783.48 *4*	0.15 *8*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1783.56 *10*	1.21 *8*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
1783.6	0.43	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1783.6 *9*	0.22 *4*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1783.6 *4*	0.059 *14*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1783.7 *2*	0.025 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1784.0 *2*	0.40 *8*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1784 *1*	0.09 *3*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1784.0 *15*	0.057 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1784 *1*	0.007	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1784.02 *91*	0.06 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1784.10 *30*	0.00043 *12*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1784.1 *1*	†1.59 *11*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1784.29 *4*	0.378 *17*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1784.3 *3*	0.049 *8*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1784.31 *20*	0.07 *3*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
1784.40 *13*	0.0075 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1784.4 *1*	0.40 *3*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1784.40 *30*	0.0061 *11*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1784.57 *11*	8.2 *7*	^{54}V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
1784.58 *4*	0.092 *5*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1784.6 *3*	0.016 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1784.6 *6*	0.83 *17*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
• 1784.7 *2*	0.690 *24*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1784.7 *4*	0.039 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1784.8 *5*	0.038 *9*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1784.9 *3*	2.07 *11*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1784.93 *13*	0.20 *3*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1785.0 *3*	0.06 *1*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1785.1 *4*	1.44 *11*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1785.13 *7*	0.0027 *5*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1785.17 *12*	0.59 *5*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1785.2 *5*	†0.6 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1785.2 *15*	0.062 *13*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1785.2 *3*	0.088 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
• 1785.3 *4*	0.00025 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1785.30 *20*	0.14 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1785.3 *7*	0.40 *4*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1785.33 *7*	0.075 *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: $E_\gamma(I_\gamma)$
1785.4 *3*	0.029 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1785.4 *12*	0.07 *6*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1785.47 *18*	0.075 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1785.5 *5*	0.4 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
1785.5 *5*	0.049 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1785.53 *10*	0.0039 *3*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1785.53 *10*	0.38 *4*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1785.55 *12*	0.853 *25*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1785.55 *12*	0.15 *3*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1785.6 *14*	0.035 *17*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1785.7		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1785.8 *4*	0.123 *24*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1786.0 *4*	0.014 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1786.03 *16*	0.0194 *6*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
1786.1 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1786.1 *3*	†2.1 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1786.16 *18*	0.040 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1786.3 *4*	3.0 *5*	^{29}Mg(1.30 s)	2223.9(38), 1397.9(17.3), 960.3(15.8)
1786.3 *3*	0.14	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1786.3 *3*	9 *3*	^{150}Tm(2.2 s)	1578.9(91), 474.5(86), 207.6(82)
• 1786.4 *4*	†0.01 *1*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
1786.4 *3*	0.0034 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1786.4 *4*	10.9 *4*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
1786.4 *8*	0.17 *5*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1786.5 *2*	0.66 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1786.5 *6*	0.0109 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1786.5 *1*	0.118 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1786.51 *8*	0.098 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1786.57 *7*	0.86 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1786.6 *3*	0.078 *12*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1786.6 *4*	0.062 *22*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1786.6 *4*	1.12 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1786.6 *5*	0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1786.8 *4*	0.013 *7*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1786.89 *11*	1.04 *16*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1786.9 *4*	0.16 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1787	14.2 *6*	^{21}O(3.42 s)	1730.3(45.6), 3517(15.4), 279.9(14.8)
1787.0 *4*	†1.2 *4*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1787.1 *5*	4.4 *7*	^{98}Y(2.0 s)	1223.0(80), 620.505(63), 647.58(53)
1787.1 *5*	0.025 *8*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1787.2 *1*	0.022 *9*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1787.2 *2*	0.085 *4*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1787.2 *5*	0.19	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1787.3 *5*	0.7	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1787.3 *5*	0.0013 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1787.47 *18*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
1787.47 *18*	†4.4 *8*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1787.59 *18*	0.27 *3*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
• 1787.68 *8*	0.292 *18*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1787.68 *8*	0.57 *6*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1787.71 *20*	0.44 *4*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1787.75 *16*	†15 *3*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1787.8 *3*	0.40 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1788.0 *8*	3.5 *4*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1788.0 *3*	1.72 *15*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1788.1 *6*	5.7×10^{-5} *10*	^{45}Ti(184.8 m)	720.22(0.154), 1408.6(0.085), 1662.4(0.041)
1788.1	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1788.1 *10*	1.62 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1788.18 *15*	0.12	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1788.2 *3*	0.107 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1788.2 *5*	0.09 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1788.2 *4*	†9.0 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1788.3 *15*	0.08 *6*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1788.3 *9*	0.53 *10*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1788.38 *20*	0.83 *22*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1788.4	0.016 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1788.49 *15*	0.179 *19*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1788.5 *20*	0.075 *10*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1788.5 *10*	0.141 *15*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1788.55 *20*	0.121 *15*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1788.6 *2*	1.96 *8*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1788.6 *5*	0.87 *5*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1788.6 *2*	†167 *62*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1788.7 *4*	1.68 *25*	^{30}Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
1788.80	0.045 *15*	^{34}P(12.43 s)	2127.492(15.00), 4114.54(0.18), 1987.18(0.131)
1788.9 *5*	0.048 *9*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1788.9 *7*	0.179 *19*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
• 1788.9		^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
• 1788.91 *18*	0.0056 *6*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1788.96 *17*	0.31 *3*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1789.0 *5*	0.011	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1789.1 *2*	†13.5 *11*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1789.14 *22*	0.045 *17*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1789.2 *9*	0.40 *20*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
1789.38 *22*	0.350 *21*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1789.4 *2*	0.31 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1789.4 *5*	0.025 *8*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1789.43 *21*	0.41 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1789.5 *3*	0.27 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1789.5 *8*	†1.1 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1789.59 *8*	2.87 *9*	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
1789.6 *10*	0.21 *4*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1789.8 *5*	†0.6 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1789.8 *12*	0.04 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1789.8 *8*	0.014 *7*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1790	†2.5	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1790.12 *5*	0.154 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1790.12 *27*	†1.8 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1790.2 *10*	0.094 *10*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
• 1790.2 *20*		^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1790.40 *9*	0.0299 *16*	^{91}Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
1790.4 *2*	0.399 *10*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1790.47 *13*	†23.4 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
• 1790.55 *10*	0.061 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1790.55 *18*	0.26 *4*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1790.7 *3*	†6.0 *13*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1790.8 *8*	0.064 *10*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1790.85 *18*	0.431 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1790.90 *10*	1.00 *4*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1790.9 *10*	0.082 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1791.06 *11*	0.037 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1791.1 *8*	0.12 *4*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1791.196 *21*	7.77 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1791.3 *8*	†13 *4*	^{71}Cu(19.5 s)	489.7(†100), 595.2(†30.5), 586.5(†30.2)
1791.3 *5*	>0.06	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1791.4 *6*	0.046 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1791.4 *3*	0.0067 *18*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
1791.6 *3*	45.4 *23*	^{60}Cu(23.7 m)	1332.501(88), 826.06(21.7), 1861.6(4.8)
1791.7 *3*	0.46 *6*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
• 1791.7 *4*	0.0349 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1791.8 *2*	0.0095 *17*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1791.9 *7*	0.97 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1791.9	0.46	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
• 1792.0 *4*	0.00041 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1792.0 *5*	0.19 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1792.0 *5*	0.230 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1792.0 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1792.0 *4*	0.019 *5*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1792.05 *10*	0.233 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1792.1 *3*	0.082 *13*	^{55}Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)
1792.3 *8*	0.18 *6*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1792.5 *4*	0.014 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1792.6 *8*	†0.19 *5*	^{27}Na(301 ms)	984.64(†114), 1697.94(†15.5), 3109.2(†>3.4)
1792.6 *4*	0.024 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1792.63 *22*	0.0480 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1792.63 *6*	0.017 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1793.0 *4*	0.71 *14*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1793.0 *2*	0.124 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1793.0 *5*	0.062 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1793.1 *4*	0.013 *6*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1793.1 *3*	4.6 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1793.10 *20*	0.22 *4*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1793.12 *7*	0.618 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1793.17 *15*	0.20	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1793.2 *5*	†1.28 *17*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1793.21 *7*	2.61 *17*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1793.24 *10*	0.043 *7*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
• 1793.25 *25*	0.0126 *18*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1793.3 *3*	0.035 *14*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1793.38 *7*	0.188 *6*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1793.39 *10*	0.168 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1793.4 *6*	0.0006 *4*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1793.5 *6*	0.5 *1*	^{50}Mn(1.75 m)	783.29(100), 1097.97(98.5), 1443.28(69)
• 1793.5 *5*	0.07 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1793.5 *15*	0.013 *5*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1793.62 *18*	0.268 *24*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1793.63 *17*	0.025 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1793.64 *6*	0.048 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1793.7 *5*	0.29 *4*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
• 1793.75 *30*	0.090 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1793.8 *7*	>0.047	^{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: $E_\gamma(I_\gamma)$
1793.82 *9*	0.022 *9*	^{29}Al(6.56 m)	1273.367(90.6), 2425.907(5.7), 2028.12(3.7)
1793.84 *9*	0.044 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1793.89 *11*	0.84 *5*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1793.9 *4*	0.19	^{47}V(32.6 m)	159.369(0.107), 244.4(0.094), 1390.4(0.0793)
1794.0 *4*	0.00102 *12*	^{104}Rh(42.3 s)	555.796(2.0), 1237.2(0.066), 767.72(0.011)
1794.0 *4*	6.5×10^{-5} *13*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
1794.0 *4*	0.41 *5*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
• 1794.01 *27*	0.038 *15*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1794.1	0.015 *7*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1794.13 *20*	0.41 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1794.2	0.035	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1794.3 *3*	0.27 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1794.3 *3*	0.094 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1794.34	0.053 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1794.5 *6*	0.12 *4*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1794.5 *12*	0.16 *8*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1794.5 *3*	0.53 *13*	^{190}Re(3.1 m)	186.718(48.4), 557.972(28.2), 223.811(26.0)
1794.7 *4*	0.00037 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1794.80 *8*	0.87 *5*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1794.8 *2*	0.30 *6*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1794.8 *5*	0.044	^{116}Sb(15.8 m)	1293.54(85), 931.800(24.7), 2225.33(14.2)
1794.9 *4*	0.17 *4*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1794.9 *3*	7	^{207}Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
1795.0 *10*	0.11 *7*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1795.09 *16*	0.0100 *18*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1795.1 *4*	0.012 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1795.1 *3*	†2.0 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1795.1 *5*	0.0021 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1795.3 *8*	0.87 *14*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
1795.30 *10*	0.0144 *14*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1795.3 *4*	†4.4 *8*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
1795.4 *2*	0.11 *3*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1795.4 *5*	0.31 *3*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1795.4	0.57 *4*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1795.6 *4*	0.0013 *5*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1795.6 *7*	0.19 *10*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1795.8 *6*	0.08 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1795.88 *11*	0.55 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
• 1795.94 *20*	0.80 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1796.0 *2*	0.69 *5*	^{136}I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
1796.0 *8*	>0.050	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1796.1 *20*	0.007 *3*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1796.2 *7*	0.14 *9*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1796.2 *3*	0.079 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1796.2 *5*	0.235 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1796.2 *2*	†0.83 *11*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1796.2 *10*	†310 *60*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1796.2 *3*	0.0030 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1796.25 *9*	1.34 *10*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
• 1796.30 *5*	0.0179 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1796.4 *2*	†0.6 *1*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
1796.5 *3*	0.164 *11*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1796.6 *5*	0.27 *4*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1796.6 *5*	1.8	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1796.6 *2*	0.18 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1796.7 *4*	0.52 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
• 1796.8 *4*	0.036	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1796.85 *15*	2.75	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1796.91 *25*	0.095 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1796.97 *7*	0.0277 *4*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1796.97 *7*	0.0082 *5*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
1797.1 *4*	5.0×10^{-5} *3*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1797.1 *4*	14	^{147}Tb(1.83 m)	1397.0(79), 1643.0(1.2), 997.1(1.2)
1797.1 *1*	0.237 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1797.2 *5*	1.13 *6*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1797.20 *22*	0.23 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1797.2 *15*	0.080 *11*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1797.2 *3*	0.082 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1797.39 *9*	0.0176 *9*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1797.39 *9*	0.60 *5*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1797.4 *3*	0.0146 *17*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1797.4	0.0044 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1797.4 *3*	0.50 *7*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1797.42 *10*	0.78 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1797.5 *4*	0.023 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1797.5 *2*	0.18 *4*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1797.5 *7*	0.100 *10*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1797.5 *5*	0.0021 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1797.6 *3*	0.063 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1797.8	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1797.8 *3*	†4.6 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1798.0	2.6 *3*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
1798.0 *4*	0.09 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1798.0 *6*	5 *3*	^{152}Ho(161.8 s)	613.8(73), 613.8(14), 1098.0(12)
1798.0 *4*	0.028 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1798.1 *1*	1.64 *25*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1798.2	0.141 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1798.3 *3*	0.178 *24*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1798.3 *3*	0.90 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1798.31 *7*	0.60 *4*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1798.38 *8*	0.0028 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1798.4 *4*	0.087 *12*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1798.4 *5*	0.029 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1798.5	0.026 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 1798.55 *15*	0.0273 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1798.6 *3*	0.130 *17*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1798.7 *1*	0.21 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1798.7 *7*	0.014 *3*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
1798.76	1.8 *3*	^{35}K(190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
1798.8 *10*	0.25 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1799.0 *4*	0.38 *6*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1799 *1*	0.50	^{142}Tb(597 ms)	515.0(25), 465.0(2.7), 853.1(2.42)
1799.0 *7*	0.47 *4*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1799.10 *7*	0.062 *13*	^{88}Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
1799.11 *5*	2.96 *3*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1799.11 *5*	0.94 *3*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
• 1799.25 *5*	0.0125 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1799.3 *5*	0.35 *6*	^{63}Fe(6.1 s)	994.8(14.0), 1427.2(4.6), 1299.0(1.23)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1799.3 *8*	0.21 *9*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1799.3 *8*	0.20 *7*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1799.4 *6*	0.035 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1799.4 *5*	0.15	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1799.6 *8*		^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1799.61 *15*	3.59 *13*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
1799.8 *7*	0.9	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1800 *2*	0.30 *6*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
1800.0 *5*	0.15 *3*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1800 *1*		^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1800.05 *18*	0.36 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1800.1 *6*	4.1×10^{-5} *9*	^{45}Ti(184.8 m)	720.22(0.154), 1408.6(0.085), 1662.4(0.041)
1800.1 *6*	0.074 *25*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1800.2 *3*	0.52 *13*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1800.2 *2*	0.15 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1800.34 *7*	0.266 *23*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
• 1800.4 *8*	0.00025 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1800.4 *3*	0.066 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1800.5 *2*	0.0084 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1800.5 *5*	†0.3 *1*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1800.5 *2*	†5	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1800.5 *15*	0.174 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1800.68 *20*	0.0034 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1800.7 *2*	0.47 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1800.7 *4*	2.8 *4*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
1800.7 *12*	0.35 *24*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1800.7 *5*	0.077 *18*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1800.8 *5*	0.00035 *13*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1800.86 *20*	0.0045 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1800.9 *4*	0.57 *9*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1800.9 *2*	0.163 *13*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1800.9 *4*	0.0030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1801.00 *25*	0.119 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1801.1 *2*	0.84 *12*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1801.1 *10*	†1.7 *6*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1801.3 *3*	0.038 *14*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1801.3 *6*	0.5	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1801.3 *6*	1.0 *3*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
1801.3 *5*	0.044 *8*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1801.34 *20*	†6.9 *6*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1801.36 *14*	0.022 *5*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1801.4 *1*	0.378 *18*	^{93}Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
1801.4 *10*	0.051 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1801.5 *5*	40 *3*	^{98}Y(2.0 s)	1223.0(80), 620.505(63), 647.58(53)
1801.5 *3*	0.14 *5*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1801.5 *8*	†0.18 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1801.53 *6*	0.0094 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1801.54 *18*	0.27 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1801.6 *5*	0.6	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1801.6 *5*	0.11	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1801.6 *4*	0.61 *7*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1801.7 *2*	1.36 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1801.70 *10*	1.65 *5*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1801.711 *12*	0.14 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1801.8 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1801.9 *3*	0.131 *17*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1802.0 *20*	0.030 *15*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1802.0 *5*	0.012 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1802.04 *4*	0.0361 *10*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1802.04 *4*	0.97 *7*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1802.1 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1802.1 *1*	1.26 *10*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1802.24 *8*	0.022 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
• 1802.25 *15*	0.157 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1802.39 *7*	0.62 *9*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1802.4 *4*	0.9	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1802.6 *3*	0.071 *16*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
• 1802.6 *2*	0.166 *10*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1802.6 *6*	†2.5 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1802.62 *24*	†0.71 *10*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1802.7 *7*	0.025 *5*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
1802.8 *8*	0.026 *7*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1802.8 *3*	0.47 *6*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1802.9 *3*	†1.7 *3*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
• 1803.0 *6*	0.18 *5*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1803.1	†11.8	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1803.2 *4*	0.011 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1803.3 *2*	7.6 *9*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1803.3	0.45	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1803.5	0.015 *8*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1803.5 *7*	0.231 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1803.5 *10*	0.144 *15*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1803.55 *5*	1.29 *4*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1803.6 *3*	0.24 *4*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1803.6 *7*	1.8 *7*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1803.60 *8*	0.0144 *10*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1803.7 *5*	†5 *2*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
1803.71 *17*	0.222 *19*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1803.8 *1*	0.210 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1803.8 *6*	†3.3 *7*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
1803.8 *3*	†0.57 *14*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1803.85 *19*	0.0142 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1803.95 *22*	0.056 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 1803.97 *15*	0.0119 *19*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1803.99 *25*	0.112 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1804.0 *3*	0.120 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1804		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1804.04 *17*	0.0056 *8*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1804.10 *7*	0.426 *14*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1804.1 *1*	0.112 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1804.1 *1*	0.056 *7*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1804.2 *8*	0.17 *6*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1804.2 *3*	0.034 *7*	^{138}Pr(1.45 m)	788.742(2.4), 688.2(0.82), 1551.1(0.42)
• 1804.26 *5*	1.07 *5*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1804.3 *10*	2.2 *2*	^{94}Rh(70.6 s)	1430.50(100), 756.23(51), 1072.50(30.7)
1804.3 *1*	0.041 *4*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1804.4 *6*	0.030 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1804.4 *8*	0.27 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1804.4 *8*	0.67 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1804.4 *4*	†1.7 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1804.6 *5*	†1.2 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1804.7 *3*	0.32 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1804.8 *4*	0.17 *4*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1804.8 *3*	0.40 *7*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1804.8 *2*	0.00091 *22*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1804.9 *2*	1.67 *9*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
1804.9 *1*	†1.05 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1804.9	0.41	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1804.9 *4*	0.22 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1804.95 *10*	0.32	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 1805 *2*	0.0014 *9*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1805.0 *2*	0.117 *23*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1805.0 *5*	0.049 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1805.2 *2*	0.77 *16*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1805.25 *6*	0.73 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1805.3 *4*	0.67 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1805.4 *2*	2.3 *3*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
1805.5 *5*	0.47	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1805.6 *3*	1.41 *13*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1805.6 *3*	†0.60 *4*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1805.61 *7*	0.48 *3*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1805.72 *24*	1.05 *13*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1805.72 *8*	0.0326 *17*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1805.72 *8*	0.17 *5*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1805.8 *15*	0.60 *13*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
1805.8 *3*	0.0051 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1805.83 *10*	0.00138 *15*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1806.0 *4*	0.89 *12*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1806.0 *1*	0.44 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1806.0 *2*	7.5 *6*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1806 *2*	0.015 *6*	^{162}Ho(15.0 m)	80.660(8.0), 1319.3(3.8), 1372.8(0.81)
1806.0 *10*	0.026 *12*	^{162}Ho(67.0 m)	185.005(28.6), 1220.0(22.5), 282.864(11.3)
1806.0 *5*	0.090 *19*	^{212}Bi(60.55 m)	727.330(6.58), 1620.50(1.49), 785.37(1.102)
1806.1 *3*	0.028 *3*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1806.1 *8*	0.0046 *8*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1806.1 *8*		^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1806.22 *10*	0.382 *13*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1806.3 *7*	0.09 *5*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1806.3 *3*	0.011 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1806.31 *17*	0.45 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1806.4 *5*	†2.8 *7*	^{110}Tc(0.92 s)	240.67(†100), 372.1(†17.0), 613.0(†16.0)
1806.5 *3*	0.27 *5*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1806.5 *3*	1.4 *3*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1806.5 *2*	0.00283 *25*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1806.65 *18*	0.092 *11*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
• 1806.7 *3*	0.043 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
• 1806.701 *22*	0.148 *6*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1806.71 *23*	0.093 *15*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1806.839 *40*	5.5 *3*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1806.9 *1*	0.256 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1807.0 *8*	†0.42 *9*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1807.00 *9*	0.070 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1807 *1*	0.50	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1807.12 *14*	0.30 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1807.14 *7*	7.7 *6*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1807.2 *5*	0.032 *5*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1807.2 *5*	0.0338 *25*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1807.3 *3*	1.25 *12*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1807.3 *3*	†2.8 *10*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1807.37 *16*	0.00081 *20*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1807.37 *16*	0.116 *22*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1807.4 *6*	1.8 *4*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1807.5 *7*	0.77 *8*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1807.5 *4*	0.36 *13*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1807.6 *4*	0.113 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1807.7 *6*	0.38 *13*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
1807.7 *3*	0.52 *8*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1807.8 *8*	0.042 *12*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1807.8 *5*	0.0012 *6*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1807.8 *1*	1.7	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1807.8 *1*	2.24 *12*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1807.9 *2*	1.17 *22*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1807.9 *5*	0.04 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1807.9 *4*	0.0020 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1807.95 *10*	0.40 *6*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1807.98 *24*	†3.6 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1808.0 *12*	0.03 *1*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
1808	†25	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1808.0 *2*	0.052 *7*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1808.1 *5*	0.251 *18*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1808.1 *5*	0.11 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1808.23 *24*	0.016 *4*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
1808.3 *1*	0.0014 *5*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1808.38 *16*	13.2 *3*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1808.50 *10*	2.80 *14*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1808.5 *4*	0.034 *8*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1808.63	99.0 *4*	^{26}Na(1.072 s)	1129.65(5.3), 2541.2(2.5), 1895.8(2.2)
• 1808.63	99.73 *8*	^{26}Al(7.4×10^5 y)	1129.65(2.4), 2938.20(0.27)
1808.63	0.13	^{27}Na(301 ms)	
1808.64 *23*	0.0028 *12*	^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
1808.7 *5*	0.087 *17*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1808.7 *3*	†3.5 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1808.74 *21*	0.34 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1808.75 *10*	0.79	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1808.8	0.07 *5*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1808.8 *3*	0.112 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1808.88 *3*	2.24 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1808.9 *3*	1.55	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1808.98 *8*	1.32 *15*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
1809	0.00024 *19*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1809.0 *4*	0.023 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1809.0	0.24	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
1809.04 *10*	†3690 *80*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1809.2 *3*	0.32 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1809.2 *3*	0.102 *8*	^{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: $E_\gamma(I_\gamma)$
1809.2 *4*	0.18 *5*	^{190}Re(3.1 m)	186.718(48.4), 557.972(28.2), 223.811(26.0)
1809.30 *14*	2.05 *10*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
• 1809.42 *22*	0.0113 *19*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1809.5 *3*	0.400 *22*	^{58}Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
1809.50 *9*	1.70 *18*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1809.5 *4*	0.48 *7*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
• 1809.50 *15*	0.771 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1809.6 *4*	0.020 *5*	^{93}Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
1809.7	0.79	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1809.8 *6*	†2.3 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1809.9 *3*	0.00039 *10*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1809.9 *3*	0.34 *3*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1810.0 *2*	0.0070 *5*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1810.0 *2*	0.043 *5*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1810.1 *2*	1.98 *24*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1810.1 *2*	3 *1*	^{151}Tm(4.13 s)	801.6(73), 2115.8(13), 1548.6(10)
1810.1 *4*	†0.5 *2*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
1810.20 *18*	0.038 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1810.4 *2*	1.557 *24*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1810.5 *6*	0.041 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1810.5 *4*	0.14 *9*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1810.6 *2*	0.062 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1810.6 *5*	0.019 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 1810.64 *13*	0.024 *4*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1810.7 *10*	†7.8 *3*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1810.7 *5*	0.149 *14*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1810.7 *1*	0.172 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1810.73 *20*	0.141 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1810.772 *17*	27.2 *8*	^{56}Mn(2.5785 h)	846.771(98.9), 2113.123(14.3), 2522.88(0.99)
• 1810.772 *17*	0.640 *10*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1810.9 *1*	0.089 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1810.9 *4*	†0.53 *15*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1811		^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1811.0 *2*	0.0085 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1811.10 *12*	0.84 *5*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1811.1 *5*	0.054 *7*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1811.1 *6*	0.22 *4*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1811.23 *15*	1.18 *11*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1811.3 *8*	0.013 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1811.3 *10*	0.47 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1811.4 *3*	0.15 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1811.4 *4*	0.022 *8*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1811.42 *23*	0.24 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1811.45 *10*	1.39 *8*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1811.6 *5*	0.021 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1811.8 *5*	0.07 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1811.80 *15*	0.192 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1811.8 *6*	0.38 *9*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1812.0 *2*	0.105 *8*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1812.13 *15*	1.03 *13*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1812.13 *15*	0.64 *13*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1812.32	0.08	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1812.5	0.39	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1812.5 *10*	0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1812.54 *18*	0.180 *19*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1812.69 *25*	0.00045 *13*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
1812.7 *3*	1.65 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1812.7 *3*	0.009	^{95}Rb(377.5 ms)	836.9(2.9), 1089.4(0.14), 1309.1(0.12)
1812.76 *21*	0.25 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1812.8 *5*	0.12 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
• 1812.8 *6*		^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1812.8 *1*	0.0050 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 1812.85 *4*	0.193 *8*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1812.93 *11*	0.35 *5*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1812.93 *21*	0.18 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1813	>0.02	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1813.00 *33*	0.80 *11*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1813.1 *2*	0.83 *10*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1813.1 *3*	0.0045 *9*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1813.2 *3*	>0.10	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1813.2 *2*	>0.06	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1813.4 *5*	0.45 *15*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1813.4 *4*	0.011 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1813.4 *3*	0.070 *10*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1813.4 *6*	0.083 *25*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1813.5 *3*	0.19 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1813.5 *8*	0.17	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1813.5 *5*	0.43 *9*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1813.60 *7*	0.046 *4*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1813.7 *4*	0.93 *19*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1813.7 *5*	†0.6 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1813.7 *2*	0.15 *5*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1813.7 *4*	0.012 *5*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1813.7 *2*	0.18 *3*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1813.73 *6*	0.00272 *25*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1813.8 *5*	0.54 *10*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1814.0 *6*	0.19 *5*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1814.0 *5*	0.016 *4*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1814.1 *4*	0.123 *17*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1814.20 *5*	1.15 *22*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
1814.2 *3*	2.6 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1814.3 *3*	0.035 *15*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1814.4 *10*	0.046 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1814.4 *3*	0.21 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1814.6 *4*	0.014 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1814.7 *4*	0.070 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1814.77 *12*	0.012 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1814.9 *6*	0.21 *7*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1814.9 *3*	0.14 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1815.0 *6*	21 *7*	^{62}Mn(0.88 s)	876.8(90), 942.1(26), 1299.0(25)
1815 *2*	0.148 *15*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1815 *1*	2.0 *6*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
• 1815.04 *19*	0.421 *7*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1815.1 *5*	0.030 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1815.27 *30*	0.19 *4*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1815.3 *3*	0.009 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1815.4 *4*	0.19 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1815.4 *3*	0.23 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1815.5 *7*	0.25 *9*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1815.5 *3*	0.11	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1815.6 *5*	0.039 *3*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
1815.6 *4*	0.016 *4*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1815.6 *4*	†21 *5*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
• 1815.6 *4*	0.014 *5*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1815.8 *5*	0.17 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1815.8 *4*	†1.5 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1816.06 *9*	†0.63 *4*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1816.12 *19*	0.23 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1816.19 *11*	0.181 *17*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1816.2 *5*	0.018 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1816.3	0.040 *22*	^{43}Ti(509 ms)	2288.2(4.40), 845.2(2.77), 2458.5(0.91)
1816.3 *15*	0.40 *10*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
1816.3 *4*	0.20 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1816.37 *10*	0.439 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1816.4 *1*	†0.59 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1816.4 *10*	0.070 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1816.41 *20*	1.40 *16*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
1816.5 *5*	0.16 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
• 1816.5 *3*	0.146 *8*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1816.5 *4*	0.4	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1816.7 *5*	0.59 *13*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
1816.78 *10*	0.052 *12*	^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
1816.9 *3*	0.40 *7*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1817.0 *4*	4.7 *5*	^{98}Rh(8.7 m)	652.43(94), 745.36(5.3), 1164.78(4.5)
• 1817.0 *5*	0.036 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1817.1 *5*	0.008 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 1817.12 *7*	0.0339 *23*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1817.2 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1817.3 *5*	0.0147 *20*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1817.4 *6*	0.15 *6*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
1817.54 *16*	1.04 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1817.6 *9*	0.151 *17*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1817.7 *3*	0.021 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1817.7 *3*	0.057 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1817.89 *9*	10.1 *3*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1818.00 *28*	0.33 *4*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1818.0 *9*	0.39 *8*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1818.0 *5*	†0.35 *6*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
• 1818.0 *2*		^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
• 1818.02 *13*	0.047 *4*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1818.1 *4*	0.00125 *25*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1818.15 *7*	0.194 *15*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1818.17 *4*	0.52 *4*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1818.2 *3*	0.9 *5*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1818.30 *4*	0.0307 *19*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1818.5 *1*	0.151 *17*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1818.5 *3*	0.017 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1818.5 *5*	†1.2 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 1818.52 *8*	0.0038 *5*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1818.69 *17*	0.105 *10*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1818.7 *4*	0.24 *4*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
• 1818.7 *5*	0.0211 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1818.74 *8*	0.064 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1818.78 *3*	0.123 *9*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1818.8 *9*	0.006 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1818.99 *23*	0.377 *22*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1819.0 *3*	0.093 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1819.0 *4*	0.18 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1819.0 *5*	0.080 *12*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1819.1 *3*	0.074 *12*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1819.1 *9*	0.12 *12*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1819.23 *22*	0.209 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1819.29 *41*	0.022 *9*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1819.4 *5*	0.040 *6*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1819.4 *4*	0.0078 *22*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1819.50 *20*	0.67 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1819.5 *3*	3.1	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
1819.59 *21*	2.8 *5*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1819.59 *21*	0.8 *3*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1819.6 *5*	0.29 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1819.69 *10*	†900 *70*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1819.7 *3*	0.49 *20*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
1819.7 *3*	4.1 *21*	^{100}Ag(2.24 m)	665.54(86), 750.67(>26), 1693.9(14.7)
1819.7 *2*	0.29 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1819.72 *10*	†91 *13*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1819.8 *3*	0.85 *10*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1819.8 *3*	†1.03 *25*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1819.8 *3*	0.0041 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1819.9		^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1820.0 *3*	0.086 *16*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1820.1 *6*	2.27 *17*	^{30}Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
1820.1 *6*	†20 *2*	^{31}Na(17.0 ms)	1482.1(†100), 1978.1(†22), 306.5(†13)
1820.1 *4*	0.012 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1820.10 *10*	0.0113 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1820.17 *15*	0.204 *15*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1820.27 *7*	3.03 *25*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1820.3 *9*	3.4 *4*	^{31}Mg(230 ms)	1613.0(36), 946.8(31.5), 1626.1(24.8)
1820.4 *6*	0.9 *5*	^{166}Lu(2.12 m)	1427.18(23.0), 2098.6(16.1), 1256.64(15.2)
1820.5	0.120 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1820.5 *1*	0.076 *10*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1820.5 *22*	0.09 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1820.56 *10*	0.23	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1820.6 *12*	0.029 *7*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
1820.6 *5*	0.33	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1820.6 *5*	0.101 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 1820.6 *5*	0.0157 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1820.63 *10*	0.28 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1821.0 *6*	0.33 *13*	^{98}Nb(2.86 s)	787.374(13), 1023.73(6.1), 1432.22(3.4)
1821.03 *15*	0.31 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1821.1 *5*	†14.9 *15*	^{111}Ru(2.12 s)	303.8(†100), 211.7(†77.7), 382.0(†41.3)
1821.1 *5*	0.057 *7*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1821.2 *3*	0.018 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1821.3 *6*	1.21 *23*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1821.31 *30*	0.034 *17*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1821.56 *17*	0.175 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1821.7 *3*	0.21 *4*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1821.7 *2*	0.218 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1821.7 *3*	0.045 *10*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1821.70 *12*	0.0015 *3*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1821.86 *13*	0.57 *4*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1821.9 *8*	0.034 *20*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1821.9 *3*	†8.3 *17*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1822.00 *15*	0.95 *9*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1822	0.5	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
1822.02 *11*	1.05 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1822.1	0.8	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1822.20 *20*	0.72 *3*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1822.2 *2*	0.0034 *14*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
1822.3 *12*	0.17 *14*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1822.3 *3*	0.122 *15*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1822.4	15.6 *9*	^{23}F(2.23 s)	1701.44(33.0), 2129.3(22), 3431.5(8.4)
1822.4 *1*	3.4 *3*	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
• 1822.42 *11*	0.0351 *23*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1822.6 *2*	1.58 *15*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1822.9 *4*	0.008 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1822.9 *5*	0.15 *7*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1823 *1*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1823.05 *24*	0.30 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1823.1 *4*	0.033 *22*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1823.10 *20*	0.15 *3*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1823.1 *7*	0.005 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1823.22 *10*	0.045 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1823.22 *10*	0.038 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1823.3 *4*	0.36 *6*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1823.3 *5*	0.045 *7*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1823.41 *10*	0.143 *13*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1823.5 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1823.6 *4*	0.066 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1823.70 *15*	4.5	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1823.8 *8*	0.34 *14*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
• 1824.0 *5*	0.016 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1824.0 *10*	0.047	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1824.08 *4*	0.55 *4*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1824.10 *20*	0.096 *19*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1824.2 *5*	0.050 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1824.25	0.40 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1824.3 *4*	†4.2 *12*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
1824.4 *4*	0.09 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1824.41 *11*	0.54 *5*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
• 1824.6 *5*	0.030 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1824.6 *4*	0.09 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1824.7 *4*	0.59 *22*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1824.8 *4*	0.068 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1825	0.49 *14*	^{51}Fe(305 ms)	237.4(5.0), 2140(0.24), 3423(0.20)
1825	0.12	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
1825.1 *5*	0.63 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1825.1 *3*	0.051 *4*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1825.1 *3*	0.009 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1825.2 *5*	†3.4 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1825.23 *7*	0.195 *7*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1825.3 *7*	0.63 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1825.3 *3*	0.81 *12*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1825.4	0.0030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1825.4 *3*	0.0057 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1825.4 *5*	†3.0 *12*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
1825.42 *23*	0.195 *12*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1825.43 *11*	1.56 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1825.5 *4*	0.48 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1825.52 *18*	0.19 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1825.6 *3*	†2.3 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1825.9 *2*	0.35 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1825.9 *3*	0.045 *7*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1826.0	0.079 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1826.0 *5*	0.32 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1826.1 *4*	1.24 *20*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1826.1 *4*	0.078 *10*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1826.3		^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1826.3 *8*	0.16 *6*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1826.33 *14*	0.210 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1826.42 *10*	0.56 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1826.5 *3*	0.032 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1826.6 *4*	0.23 *11*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1826.6 *6*	0.038 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1826.6 *3*	†0.62 *14*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1826.7 *3*	0.0021 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1826.8 *2*	0.036 *4*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1826.9 *1*	0.0273 *12*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1826.9	0.009 *4*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1826.9 *3*	0.12 *3*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1827.0 *5*	0.0042 *11*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1827.0 *5*	0.039 *7*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1827.0 *15*	0.020 *9*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1827.1 *4*	0.20 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1827.12 *19*	1.33 *8*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1827.2 *1*	1410 *12*	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1535.6(†1118)
1827.2 *4*	0.77 *8*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1827.2 *5*	0.099 *16*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1827.3 *4*	0.064 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1827.3 *3*	0.19 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1827.3 *2*	0.52 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1827.39 *5*	0.0190 *15*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1827.5	1.09 *5*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1827.5 *2*	2.03 *13*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
1827.8 *2*	0.023 *3*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
1827.8 *6*	†0.30 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1828.0 *9*	†>0.16	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1828.10 *18*	0.31 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1828.2 *3*	†4.6 *8*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1828.6 *5*	0.257 *23*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
1828.7 *2*	0.67 *8*	^{142}Tb(597 ms)	515.0(25), 465.0(2.7), 853.1(2.42)
1828.8	10	^{185}Ir(14.4 h)	254.4(13.3), 60.0(5.7), 97.4(4.2)
1828.90 *20*	0.41 *4*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1828.9 *3*	0.66 *19*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1828.9 *8*	0.056 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1829.03 *22*	0.010 *3*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1829.1 *3*	0.0087 *17*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1829.1 *2*	†3	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1829.2 *5*	0.50 *5*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1829.2 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1829.2 *5*	0.13 *5*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1829.4 *2*	0.0089 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1829.46 *8*	0.00186 *20*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1829.46 *8*	0.240 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1829.53 *42*	0.12 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1829.54 *14*	0.34 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1829.60 *30*	0.0008 *6*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1829.7 *8*	0.030 *10*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1829.8	†5.8	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1829.8 *5*	0.056 *6*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1829.82 *20*	0.35 *5*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1829.83 *10*	1.89 *5*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1829.9 *1*	0.0064 *8*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1830 *1*	4.6 *8*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
1830.01 *18*	1.47 *24*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1830.1 *5*	0.028 *5*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
• 1830.1 *5*	0.0193 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1830.1 *7*	0.27 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1830.14 *4*	†2.58 *14*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1830.2 *2*	0.78 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1830.2 *2*	†0.03 *1*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1830.2 *3*	0.0015 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1830.2 *6*	0.034 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1830.2 *6*	0.078 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1830.4 *2*	0.63 *4*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
• 1830.49 *7*	0.0085 *3*	^{166}Ho(26.83 h)	80.574(6.71), 1379.40(0.93), 1581.89(0.187)
1830.49 *7*	0.009 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1830.6 *4*	0.20 *3*	^{122}In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
• 1830.6 *4*	0.010 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1830.69 *4*	0.584 *17*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1830.7 *5*	0.18 *9*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1830.78 *5*	6.0 *4*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1830.8 *3*	0.0041 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1831.0 *2*	0.00314 *25*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1831.10 *22*	0.207 *24*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1831.1 *3*	0.239 *14*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1831.2 *3*	0.72 *4*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1831.2	0.49	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1831.23 *15*	0.0275 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1831.27 *19*	4.8 *10*	^{54}V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
1831.3 *3*	0.086 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1831.3 *4*	0.027 *8*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1831.4 *10*	†1.6 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1831.5 *3*	0.20 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1831.5 *5*	†1.72×10^4 *3*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1831.6 *1*	0.172 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1831.67 *14*	0.155 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1831.80 *14*	0.238 *20*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1831.8 *3*	1.8 *6*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1831.8 *5*	0.111 *15*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1831.9 *1*	1.03 *20*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1831.9		^{146}Tb(23 s)	1579.4(100), 1078.6(51.6), 1417.2(17.2)
1831.9 *4*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1832.0 *2*	12.4 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 160.93(8.4)
1832.0	0.46	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
1832.2 *3*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1832.28 *20*	0.10	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1832.4 *3*	0.049 *9*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1832.4 *4*	0.062 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 1832.4 *4*	0.0237 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1832.50 *10*	0.150 *8*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
1832.6 *3*	0.13 *4*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1832.6 *3*	0.037 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
• 1832.6		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1832.6 *3*	4.3 *4*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1832.6 *3*	0.00047 *22*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1832.84 *20*	3.2 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1833		^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1833.06 *25*	†2.1 *2*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1833.1 *3*	†3.5 *4*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1833.2 *4*	0.047 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1833.25 *13*	0.28 *4*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1833.3 *5*	0.18 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1833.3 *10*	0.027 *20*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 1833.30 *15*	0.0026 *5*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1833.30 *20*	0.328 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1833.4 *3*	0.50 *6*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
• 1833.41 *11*	0.0311 *23*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1833.42 *9*	†25 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1833.46 *17*	3.16 *24*	^{89}Nb(1.9 h)	1627.20(3.4), 3092.7(3.0), 2572.3(2.58)
1833.6 *3*	2.0 *3*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1833.6 *12*	0.009 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1833.6 *5*	0.013 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1833.8 *8*	0.19 *10*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1833.9 *8*	0.67 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1834.0 *4*	0.47 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1834.09 *6*	†3.39 *6*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1834.1 *4*	1.00 *12*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1834.18 *11*	0.97 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1834.3 *5*	0.0028 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1834.6 *4*	0.13 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1834.7 *3*	9.8 *13*	^{102}Ag(7.7 m)	556.52(48), 2054.4(6.6), 2159.6(5.0)
1834.7 *3*	0.0042 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1834.7 *3*	0.15 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1834.79 *10*	2.92 *20*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1834.8 *4*	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1835.0 *5*	0.09 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1835.0 *4*	†3.0 *8*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1835.0 *4*	0.249 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1835.0	0.022 *7*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1835.02 *40*	0.057	^{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: $E_\gamma(I_\gamma)$
1835.10 *10*	0.46 *5*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1835.1 *5*	0.034 *8*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1835.2 *6*	1.39 *12*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
1835.20 *10*	0.118 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
• 1835.33 *7*	0.366 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1835.43 *10*	0.039 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1835.43 *10*	0.66 *4*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1835.5 *5*	0.32 *8*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1835.52 *17*	0.246 *22*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1835.55 *15*	0.0098 *10*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1835.68 *5*	0.110 *5*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1835.69 *20*	0.023 *4*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1835.8 *2*	1.46 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1835.88 *25*	0.32 *6*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1835.9 *6*	0.030 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1835.99 *14*	0.0104 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1836.0 *3*	†6.2 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1836.0 *15*	0.19 *10*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1836.0 *4*	0.87 *9*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1836 *1*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1836.063 *12*	21.40 *24*	^{88}Rb(17.78 m)	898.042(14.04), 2677.892(1.96), 1382.406(0.74)
• 1836.063 *12*	99.2 *3*	^{88}Y(106.65 d)	898.042(93.7), 2734.086(0.71), 850.647(0.065)
1836.1 *6*	0.19 *6*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1836.1 *5*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1836.2 *1*	1.59 *16*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1836.2 *3*	0.022 *6*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1836.2 *20*	0.06 *4*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1836.29 *9*	0.070 *12*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1836.31 *16*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
1836.31 *16*	†3.6 *9*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1836.34 *16*	0.22	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1836.4 *6*	0.28 *17*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1836.43 *15*	0.00166 *25*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1836.49 *10*	1.44 *8*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
1836.50 *20*	0.99 *3*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1836.5 *5*	0.028 *8*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1836.6 *6*	0.33	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1836.6 *5*	†0.7 *3*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
• 1836.6 *5*	0.058 *6*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1836.71 *6*	0.0047 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1836.78 *7*	1.4 *1*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1836.8 *3*	0.11 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1837.1 *5*	†1.9 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1837.17 *3*	0.747 *17*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1837.2 *6*	0.14 *3*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1837.3 *3*	0.51 *10*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1837.3 *3*	0.12 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1837.3 *4*	0.22 *6*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
1837.5 *4*	0.12 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1837.5 *3*	0.028 *7*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1837.5 *3*	2.45 *24*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1837.5 *3*	0.5 *3*	^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
1837.5 *2*	0.0035 *8*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1837.5 *4*	0.0028 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1837.54 *16*	0.16 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1837.6 *3*	0.209 *11*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
1837.6 *3*	0.82 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1837.8 *4*	0.2 *1*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
1838.0 *4*	0.47 *17*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
• 1838.0 *5*	0.00084 *18*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1838.0 *2*		^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1838.0 *2*	0.041 *9*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1838.1 *3*	0.27 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 1838.1 *5*	0.0421 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1838.11 *9*	0.190 *13*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1838.15 *14*	0.82 *6*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1838.3 *3*	1.4 *3*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1838.3 *7*	1.24 *23*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
• 1838.30 *8*	0.0351 *21*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1838.36 *5*	0.40 *5*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1838.4 *10*	0.101 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1838.4 *22*	0.12 *4*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1838.41 *13*	0.70 *3*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1838.5 *3*	0.35 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1838.5 *2*	1.50 *18*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1838.6 *3*	0.44 *5*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
1838.75 *8*	4.02 *14*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1838.9 *1*	0.0216 *12*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1838.9 *3*	0.022 *6*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1839.0 *3*	0.105 *10*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1839.0 *5*	0.22 *6*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1839.0 *7*	0.28 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1839.05 *10*	1.9 *3*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 1839.05 *10*	2.0 *3*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
• 1839.14 *17*	†0.005 *1*	^{52}Mn(5.591 d)	1434.068(†100.0), 935.538(†94.9), 744.233(†90.6)
1839.3 *5*	0.35 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1839.6 *3*	0.016 *4*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1839.6 *3*	0.069 *10*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1839.6 *10*	0.137 *13*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1839.6 *2*	0.090 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1839.72 *25*	0.35 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1840.0 *4*	0.046 *5*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1840.0 *8*	0.19 *5*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1840.0 *4*	0.078 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
• 1840.06 *8*	0.0170 *11*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1840.1 *5*	0.75 *14*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1840.10 *15*	0.38 *4*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1840.1 *3*	0.27 *7*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1840.1	0.06	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
1840.20 *10*	4.0	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1840.20 *20*	0.16 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1840.26 *6*	1.37 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1840.3 *1*	0.0110 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1840.5 *3*	0.18 *9*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1840.50 *10*	0.95 *11*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
• 1840.52		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1840.6 *6*	†2.3 *8*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1840.6 *7*	†3.0 *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: $E_\gamma(I_\gamma)$
1840.7 *2*	1.7 *7*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
1840.8 *3*	0.13 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1841.0 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1841.0 *9*	0.11 *4*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1841		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1841.1 *3*	0.13 *4*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1841.1 *2*	0.013 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1841.1 *3*	0.0133 *22*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1841.3 *10*	0.49	^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)
1841.40 *10*	2.65 *10*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
1841.49 *13*		^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1841.5 *6*	0.49	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1841.6 *7*	0.082 *24*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1841.60 *30*	1.80 *16*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1841.6 *3*	†3.0 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1841.6 *4*	†2.1 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1841.7 *8*	0.041 *23*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1841.7 *3*	†2.5 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1841.8 *10*	0.21 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1841.8 *7*	0.28 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1841.9 *9*	0.072 *15*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1841.98 *10*	0.061 *20*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
1842.0 *5*	0.5	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1842.0 *2*	†0.45 *10*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1842.07 *19*	0.07 *1*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
1842.13 *10*	0.043 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1842.13 *10*	0.169 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1842.16 *20*	0.44 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1842.2 *6*	0.112 *25*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1842.22 *25*	0.74 *5*	^{132}Sn(39.7 s)	340.53(49), 85.58(48.2), 899.04(44.8)
1842.3 *5*	0.017 *11*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1842.42 *14*	0.71 *11*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1842.50 *30*	0.355 *20*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1842.5 *4*	†0.46 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1842.6 *5*	0.13 *3*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1842.61 *24*	0.139 *10*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
1842.7 *3*	0.071 *7*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 1842.7 *5*	0.052 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1842.79 *15*	0.10 *4*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
1842.8 *2*	2.2 *3*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1842.86 *5*	7.7 *5*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1842.9 *10*	0.26 *8*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1843.0 *6*	0.123 *19*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1843.0 *4*	0.0014 *4*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
• 1843.0 *4*	0.160 *15*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1843.1 *3*	0.91 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1843.1 *6*	0.13 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1843.1 *5*	†1.8 *5*	^{129}Sb(17.7 m)	759.8(†100.0), 657.78(†92), 433.76(†73)
1843.2 *9*	0.17 *3*	^{30}Al(3.60 s)	2235.24(65), 1263.23(40), 3498.37(32)
1843.26	0.258 *6*	^{26}Si(2.234 s)	829.420(21.90), 1622.26(2.73), 416.848(>0.08)
1843.3 *5*		^{146}Tb(23 s)	1579.4(100), 1078.6(51.6), 1417.2(17.2)
• 1843.30 *30*	0.116 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1843.342 *22*	0.689 *16*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
• 1843.5 *5*	0.019 *10*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1843.7 *2*	3.4 *5*	^{84}As(5.5 s)	1455.1(49), 667.1(20.7), 2086.6(4.7)
1843.7 *2*	0.50 *6*	^{85}As(2.028 s)	1455.1(16), 667.1(6.8), 577.5(0.96)
1843.7 *6*	0.72 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1843.7 *4*	0.069 *8*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1843.8 *5*	0.51 *11*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1843.83 *5*	0.100 *3*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1843.86 *5*	0.0089 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1843.88 *8*	0.0019 *6*	^{20}O(13.51 s)	1056.818(99.979), 3488.16(0.017), 2431.48(0.0059)
1843.9 *10*	0.119 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1844.0 *2*	0.019 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1844.0 *20*	0.007 *3*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1844 *1*	†4.9 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1844.1 *3*	0.28 *6*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1844.2 *5*	0.33 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
• 1844.3 *3*	0.032 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1844.43 *20*	1.7 *4*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
• 1844.49 *10*	0.569 *25*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1844.5 *3*	†2.0 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1844.5 *8*	0.087 *15*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1844.5 *5*	0.0020 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1844.66 *7*	0.288 *13*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1844.66 *7*	0.122 *24*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1844.7 *10*	0.025 *5*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
1844.8 *10*	0.57 *4*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1844.90 *20*	0.45 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1845 *2*	0.08 *4*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1845.1 *6*	0.69 *7*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1845.3 *4*	0.006 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1845.30 *6*	0.727 *25*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1845.37 *7*	0.218 *13*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
1845.37 *7*	1.84 *12*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
1845.4 *1*	0.53 *4*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
• 1845.45 *10*	4.120 *25*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1845.57 *24*	0.08 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1845.6 *3*		^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
1845.7 *2*	0.047 *7*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1845.7 *4*	0.55 *12*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1845.7 *1*	0.090 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1845.7 *4*	0.64 *7*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1845.7 *4*	†1.2 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1846.0 *10*	0.32 *13*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1846.0 *20*	0.06 *4*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1846.1 *5*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1846.2 *8*	0.05 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1846.2 *3*	0.0040 *12*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1846.3 *5*	0.0045 *6*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
1846.3 *5*	0.39 *8*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
1846.41 *5*	0.171 *4*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1846.5 *4*	0.043 *20*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1846.5	0.38	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
1846.6 *3*	0.015 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1846.7 *3*	0.35 *5*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1846.7 *2*	0.7 *3*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1846.8 *5*	0.076 *19*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1846.8 *3*	2.86 *22*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1846.9 *3*	0.15 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1846.90 *11*	0.26 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1846.9 *4*	0.338 *15*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
• 1847.0		^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1847 *2*	†100 *17*	^{234}Ac(44 s)	1912(†91), 688.5(†87), 1954(†70)
1847.1 *3*	6	^{51}Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
1847.1 *5*	0.065 *11*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1847.27 *8*	0.360 *22*	^{92}Y(3.54 h)	934.46(13.9), 1405.28(4.8), 561.03(2.40)
• 1847.27 *8*	0.85 *4*	^{92}Nb(10.15 d)	934.46(99), 912.73(1.78), 1132.24(0.005)
1847.3 *3*	0.12 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1847.3 *3*	†0.83 *15*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1847.30 *15*	0.13 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1847.4 *3*	0.0144 *22*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1847.4 *3*	11.4 *6*	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1847.420 *25*	2.04 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1847.5 *10*	0.38 *5*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1847.54	†100 *1*	^{33}Si(6.18 s)	1431.6(†13.1), 2538.5(†9.3), 416.00(†6.7)
1847.7 *4*	0.91 *21*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1847.7 *4*	0.019 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1847.7	0.079 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1847.8 *2*	1.13 *13*	^{80}As(15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
1847.8 *1*	0.041 *7*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
1847.8 *1*	0.039 *24*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1847.82 *26*	0.0087 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1848.0 *10*	0.0034	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1848.0 *3*	†3.2 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1848	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1848.1 *6*	0.56 *19*	^{29}S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
1848.1 *4*	0.131 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
• 1848.1 *3*	0.0072 *20*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1848.18 *16*	0.25 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1848.22 *9*	0.037 *11*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1848.3 *2*	0.18 *6*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1848.3 *5*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1848.31 *7*	0.245 *14*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1848.36 *8*	†0.82 *4*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1848.5 *3*	0.025 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1848.5 *3*	0.15 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1848.55 *10*	0.0178 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1848.6 *10*	0.59 *13*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1848.7 *3*	0.050 *19*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1848.73 *14*	0.20 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1848.80 *22*	0.5 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1848.9 *4*	0.75 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1849.2 *3*	0.169 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1849.27 *9*	3.30 *17*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1849.3 *4*	0.92 *12*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1849.3 *6*	0.060 *24*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1849.38 *15*	0.20	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1849.4 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1849.5 *3*	†92 *21*	^{17}C(193 ms)	1373.8(†100), 1906.7(†29), 612.2(†22)
1849.5 *5*	0.042 *7*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1849.6 *8*	0.08	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1849.70 *20*	0.39 *10*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1849.7 *5*	†0.51 *5*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1849.80 *21*	0.026 *7*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1849.8 *3*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1849.8 *2*	0.028 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1850 *1*	0.00046 *13*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1850.0 *3*	1.65 *15*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1850 *1*	0.216 *21*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
1850.10 *5*	0.52 *3*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1850.1 *3*	0.096 *14*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1850.13 *20*	0.0045 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1850.3 *4*	0.125 *25*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1850.46 *10*	0.176 *10*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1850.5 *3*	0.0017 *3*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
1850.5 *3*	0.031 *6*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
1850.52 *16*	0.075 *20*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1850.6 *4*	0.050 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1850.67 *14*	0.087 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1850.7 *4*	0.012 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1850.8 *1*	0.40 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1850.86 *13*	1.42 *5*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
• 1850.87 *10*	0.024 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1850.9 *5*	0.31 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1851.0 *9*	0.028 *7*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1851.1 *4*	†0.5 *1*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1851.4 *15*	†0.49 *11*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1851.4 *15*	1.6 *3*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
• 1851.5 *2*	0.0020 *3*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1851.5 *2*	0.206 *24*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1851.5 *10*	0.113 *12*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1851.6 *8*	0.45 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1851.6 *10*	0.28 *6*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1851.61 *9*	0.31 *3*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
1851.7 *6*	0.00050 *25*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1851.7 *4*	>0.25	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
1851.8 *5*	0.095 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1851.8 *10*	†1.6 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1851.9 *3*	0.45 *4*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1851.9 *5*	3.06 *23*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
1851.9 *3*	0.76 *16*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1851.9 *5*	0.055 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1851.9 *2*	†0.51 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1851.9 *10*	0.062 *12*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1851.93 *25*	0.171 *12*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1852.0 *4*	1.20 *15*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
1852.2 *1*	0.5	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1852.3 *2*	0.55 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1852.3 *1*	0.095 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1852.30 *20*	0.0078 *22*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1852.37 *15*	0.56 *5*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1852.55 *6*	3.08 *24*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1852.55 *18*	0.94 *14*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1852.6 *3*	0.133 *20*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1852.65 *15*	0.119 *10*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1852.77 *47*	0.015 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1852.8 *2*	1.05 *25*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1852.8	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1853 *1*	0.00106 *24*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1853.0 *5*	0.38	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1853.0 *4*	0.25 *10*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1853.0 *4*	>0.10	^{202}Au(28.8 s)	439.59(10.0), 1125.20(2.30), 1306.38(2.25)
1853.01 *20*	0.90 *10*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1853.1 *10*	0.047 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1853.27 *50*	0.055	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1853.27 *56*	0.063 *16*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1853.3 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1853.3 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1853.3 *1*	0.190 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1853.33 *12*	0.028 *6*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1853.35 *10*	4.66 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1853.4 *2*	5.5 *22*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
1853.5 *7*	0.37 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1853.6 *8*	0.005 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1853.67 *5*	14.7 *7*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1216.104(8.8)
1853.7 *12*	0.035 *12*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1853.7 *3*	0.024 *5*	^{138}Pr(1.45 m)	788.742(2.4), 688.2(0.82), 1551.1(0.42)
1853.7 *4*	†2.5 *5*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
1853.8 *3*	0.46 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1853.8 *5*	0.049 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1854.0 *4*	†0.22 *5*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1854.02 *10*	2.82 *25*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1854.04 *10*	6.1 *5*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1854.08 *10*	0.024 *4*	^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
1854.2 *3*	0.14 *4*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1854.3 *2*	0.405 *22*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1854.38 *13*	17.2 *5*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1854.4 *2*	2.5 *3*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1854.4 *3*	4.1 *3*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1854.5 *3*	1.68 *21*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1854.5 *5*	0.13 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1854.5 *3*	0.69 *18*	^{190}Pb(1.2 m)	942.20(34), 151.19(8.92), 598.3(8.0)
1854.54 *9*	0.54 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1854.55 *15*	0.0133 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1854.6 *8*	2 *1*	^{132}Sb(4.10 m)	696.8(100), 973.9(100), 150.6(66)
1854.7 *6*	0.0049 *20*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1854.7 *4*	0.82 *8*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1854.7	0.07	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1854.9 *6*	0.101 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1855.0 *4*	0.105 *14*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1855.0 *9*	0.45 *24*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1855.0 *2*	0.00124 *8*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1855	0.19	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
1855 *2*	0.047 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1855.0 *5*	0.0157 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1855.06 *8*	0.602 *19*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1855.1 *3*	0.0121 *17*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1855.12 *24*	0.17 *7*	^{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: $E_\gamma(I_\gamma)$
1855.2 *8*	0.22 *11*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1855.26 *15*	0.0010 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1855.3 *10*	0.31 *6*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1855.34 *12*	0.0015 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1855.43 *12*	0.76 *6*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1855.5 *7*	3.2 *5*	^{53}Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
1855.6	0.026 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1855.6 *3*	0.32 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1855.69 *16*	0.12	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1855.71 *49*	0.094 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1855.8 *4*	0.010 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1856.0	28 *5*	^{36}Si(0.45 s)	175.0(68), 249.9(68), 878.2(44)
1856.0 *4*	0.23 *4*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1856.0 *4*	1.40 *20*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
1856.0 *2*	1.20 *17*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1856.0 *10*	0.48 *11*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1856.02 *8*	0.0315 *22*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1856.1 *5*	0.18 *5*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1856.2 *3*	†0.18 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1856.3 *18*	0.096 *22*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
1856.3 *4*	0.12	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
• 1856.3 *13*	0.042 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1856.4 *1*	0.25 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1856.4 *3*	0.047 *8*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1856.4 *7*	0.10 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1856.43 *70*	0.050	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1856.6 *8*	0.08 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1856.67 *17*	0.50 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1856.7 *2*	0.0011 *6*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1856.7 *4*	0.29	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 1856.8 *10*	0.030 *3*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1856.98 *14*	0.28 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1857.0 *15*	0.02 *1*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
1857.0 *7*	0.010	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1857.0 *5*	0.080 *17*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1857.09 *20*	0.36 *19*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1857.1 *8*	0.040 *8*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1857.3 *12*	0.012 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1857.3 *4*	†4.2 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1857.3 *3*	0.023 *4*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1857.41 *22*	0.31 *16*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 1857.42 *11*	0.240 *7*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1857.6 *4*	0.112 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1857.62 *17*	0.019 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 1857.66 *5*	0.394 *20*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1857.8 *3*	†0.88 *11*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1857.8 *3*	0.89 *9*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1857.82 *7*	1.40 *14*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1857.9 *6*	0.67 *14*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1858.0 *3*	0.078 *20*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 1858 *1*	0.045 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1858	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1858.1 *6*	0.15 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 1858.1 *4*	0.006 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1858.3 *23*	†2	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
1858.3 *20*	0.10 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1858.4 *3*	0.86 *10*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1858.4 *4*	0.215 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1858.5 *3*	0.25 *3*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1858.7 *3*	0.39 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1858.7 *2*	0.00077 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1858.73 *5*	1.07 *4*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1858.80 *15*	0.149 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1858.8 *10*	0.169 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1858.9 *2*	0.56 *11*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1858.9 *4*	0.0021 *8*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
• 1859.0 *5*	0.14 *4*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
1859.0 *10*	0.77 *11*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1859.08 *21*	0.018 *7*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1859.11 *30*	0.10	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 1859.20 *20*	0.20 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1859.2 *3*	0.57 *3*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1859.3 *2*	0.74 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1859.3	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1859.3 *3*	0.13 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1859.4 *3*	0.354 *24*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1859.43 *6*	0.00356 *25*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1859.5 *3*	0.021 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1859.5 *3*	†4.1 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1859.56 *25*	0.15 *3*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1859.7 *2*	1.61 *6*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1859.7 *5*	4.3	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1859.7 *7*	0.07 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1859.8 *5*	1.47 *15*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
1859.8 *3*	0.23 *6*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1859.9	0.092 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1860 *2*	0.10 *4*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1860.10 *20*	0.038 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1860.2 *3*	0.37 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1860.3 *5*	0.09 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1860.30 *25*	0.21 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 1860.30 *15*	0.542 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1860.3 *6*	0.041 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1860.4 *12*	0.053 *5*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
1860.40 *12*	0.65 *10*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1860.6 *5*	†0.26 *5*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1861.0 *9*	0.04 *1*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1861.09 *5*	5.25 *8*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1861.09 *5*	0.0199 *16*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1861.1 *8*	†107 *24*	^{177}Re(14 m)	196.85(†1200), 79.65(†1010), 84.3(†890)
1861.1 *3*	0.0040 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1861.15 *25*	0.26 *7*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1861.2 *10*	0.6 *3*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
1861.2 *6*	†0.14 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1861.23 *23*	0.0057 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1861.3 *5*	0.15 *8*	^{96}Sr(1.07 s)	122.297(76.50), 809.401(71.9), 931.7(11.8)
1861.30 *20*	0.96 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
• 1861.32 *2*	0.008 *4*	^{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: $E_\gamma(I_\gamma)$
1861.34 *30*	0.0139 *20*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1861.4 *5*	0.0073 *18*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1861.5 *4*	1.18 *14*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1861.6 *3*	4.8 *3*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1861.6 *4*	0.347 *10*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1861.6 *4*	0.28 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
• 1861.67 *3*	3.060 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1861.9 *2*	†11.7 *9*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1862.0 *15*	0.010 *5*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
1862.0 *10*	0.45 *13*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1862.0 *4*	0.28 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1862.0 *5*	0.036 *7*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1862.13 *18*	0.47 *7*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1862.2 *6*	†1.5 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1862.2 *4*	†11.7 *22*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
1862.4 *7*	0.297 *17*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1862.4 *7*	0.073 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 1862.44 *9*	0.146 *6*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1862.45 *25*	†3.5 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1862.5 *1*	†112 *16*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1862.6 *9*	†2.3 *6*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1862.68 *12*	0.265 *19*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1862.74 *15*	4.0	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1862.8 *2*	†4	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1863.0 *1*	0.228 *21*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1863 *2*	0.032 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1863.09 *15*	†1200 *60*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1863.19 *18*	0.00094 *15*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1863.2 *10*	0.0025 *17*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1863.3 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1863.3 *3*	†1.29 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1863.37 *8*	0.049 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1863.391 *38*	†7.96 *15*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
• 1863.4 *2*	0.024 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1863.5 *7*	0.63 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1863.6 *8*	0.18 *4*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1863.8 *9*	0.28 *10*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1863.9 *5*	<0.24	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1863.9 *5*	<0.77	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1863.9 *10*	†1.0 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1864.0 *4*	0.53 *15*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
1864.0 *2*	0.33 *5*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1864.09 *86*	0.007 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1864.1 *6*	>0.24	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
1864.1 *3*	†2.0 *5*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1864.1	0.7	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1864.2 *9*	0.28 *10*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1864.24 *24*	†1.20 *12*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1864.3 *4*	0.31 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1864.34 *4*	0.0019 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1864.4 *5*	0.214 *14*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1864.5 *4*	†0.48 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1864.5 *6*	0.076 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1864.5 *4*	0.99 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1864.68 *5*	0.61 *3*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1864.69 *12*	0.0052 *3*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
1864.7 *4*	0.114 *12*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
1864.7 *3*	0.064 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1865.0 *3*	32 *4*	^{129}In(0.61 s)	2118.0(45), 769.3(9.1), 1008.3(6.0)
1865.0 *3*	1.3 *5*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1865	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1865.1 *1*	0.013 *4*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
1865.1 *1*	0.39 *10*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1865.2 *5*	0.080 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1865.2 *10*	0.068 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1865.3 *2*	0.36 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1865.5 *10*	0.179 *16*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1865.5 *15*	0.11 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1865.5 *2*	0.24 *3*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1865.7 *5*	0.08	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1865.9 *6*	0.050 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1865.98 *6*	0.81 *3*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1865.98 *14*	0.27 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1866.0	2.4	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1866.0 *10*	0.46 *7*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1866.0 *3*	0.25 *6*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1866.1 *3*	0.0197 *25*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1866.1 *7*	0.45 *4*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1866.17 *25*	0.0121 *17*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1866.2 *3*	0.17 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1866.2 *10*	0.19 *4*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1866.25 *17*	0.34 *3*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1866.3 *2*	0.049 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1866.4 *3*	†0.34 *4*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1866.48 *6*	0.0049 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1866.6 *2*	0.16 *4*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1866.7 *17*	0.16 *8*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1866.8 *8*	0.072 *15*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1866.9 *3*	2.9 *3*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1867 *1*	0.34 *17*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1867 *2*	0.17 *7*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
• 1867.06 *12*	0.0201 *16*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1867.20 *22*	0.00045 *8*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
1867.25 *15*	0.30 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1867.30 *30*	0.047 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1867.3 *1*	0.11 *3*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1867.3 *3*	0.60 *9*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1867.4 *4*	†0.14 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1867.4 *4*	0.35 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1867.4 *22*	0.05 *3*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1867.46 *10*	0.242 *16*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1867.5 *15*	†0.7 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1867.68 *10*	†9.18×10^3 *13*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1867.8 *4*	0.00088 *11*	^{31}S(2.572 s)	1266.12(1.103), 3133.9(0.0318), 3505.5(0.0073)
1867.8 *3*	0.060 *4*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1867.8 *6*	0.015 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1867.94 *3*	4.04 *10*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1867.96 *14*	0.0064 *8*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1867.96 *8*	0.0162 *16*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1867.97 *25*	0.076 *22*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1868.0 *2*	0.55 *5*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1868.1 *9*	2.4 *7*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1868.1 *3*	0.0034 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1868.1 *5*	0.41 *8*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1868.1 *4*	0.069 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1868.2 *9*	0.08 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1868.3 *10*	†1.1 *3*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1868.3 *10*	3.8 *8*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1868.3 *7*	0.48 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1868.4 *23*	†2	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
1868.4 *3*	0.27 *6*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1868.47 *25*	0.197 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1868.5 *2*	0.053 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1868.5 *2*	0.067 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1868.68 *8*	5.7 *3*	^{94}Tc(52.0 m)	871.082(94), 1522.11(4.5), 2740.1(3.5)
1868.7 *3*	0.13 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1868.8 *3*	0.116 *7*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1869.0 *2*	0.0011 *6*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1869.00 *10*	0.00041 *7*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1869.0 *5*	0.40 *6*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1869.0 *3*	0.164 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1869.1 *4*	0.13 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1869.2 *5*	0.025 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1869.25 *8*	0.66 *4*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
1869.3 *10*	†4 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1869.4 *10*	0.40 *15*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1869.4 *3*	2.6 *3*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1869.69 *11*	1.90 *10*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1869.7 *5*	0.019	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1869.7 *5*	0.013	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1869.74 *9*	0.638 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1869.78 *16*	0.08	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1869.8	2.3	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
1869.81 *15*	0.00099 *20*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 1869.86 *25*	0.0072 *16*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1869.87 *9*	0.088 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1869.9 *10*	0.30 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1869.9 *7*	0.082 *15*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1869.9 *2*	†0.45 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
• 1870.00 *7*	0.054 *5*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1870.00 *7*	0.141 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1870	1.5	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
1870.0 *4*	0.14 *4*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1870.0	1.2	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1870.5 *3*	0.11 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1870.5 *6*	0.017 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
• 1870.56 *22*	0.031 *5*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1870.7 *4*	0.053 *11*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1870.8 *1*	0.55 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
• 1870.80 *30*	0.058 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1870.83 *10*	0.0250 *24*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1870.83 *10*	0.094 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1870.95 *53*	0.082 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1871.0 *10*	0.55 *8*	^{30}Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
1871 *1*	0.33 *6*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1871 *1*	2.7 *5*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 1098.6(39)
1871 *2*	0.13 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1871.0 *6*	0.094 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1871.1 *4*	40.9 *16*	^{69}Ni(11.4 s)	679.7(39.7), 1213.0(39.3), 1483.2(34.1)
1871.1 *3*	0.059 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1871.1 *4*	0.020 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1871.16 *13*	0.289 *22*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
1871.2	†3.5 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1871.2 *4*	0.071 *10*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1871.2 *5*	0.26 *3*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1871.3 *3*	1.57 *8*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1871.5 *3*	0.28 *4*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
• 1871.57 *17*	0.025 *8*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
1871.57 *17*	0.027 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1871.6 *3*	0.22 *9*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1871.6 *2*	†0	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1871.7 *10*	1.4 *5*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
1871.8 *3*	0.19 *6*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1871.9 *7*	0.043 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1872		^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1872.0	0.23	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1872.0 *7*	0.57 *6*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1872.3 *8*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1872.4 *4*	0.044 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1872.4 *4*	0.031 *16*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1872.4 *5*	0.26 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1872.47 *21*	2.7 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1872.5		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1872.6 *5*	†1.3 *4*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1872.6 *20*	0.109 *11*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1872.7 *5*	1.08 *11*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1872.7 *1*	0.027 *3*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1872.8 *2*	0.035 *8*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1872.88 *10*	0.53 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1872.9 *6*	0.12 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1872.94	<0.0	^{66}Cu(5.088 m)	1039.30(7), 833.50(0.16), 1333.00(0.0028)
1873.0 *4*	0.50 *20*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1873.00 *10*	1.46	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 1873	0.059 *12*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1873.02 *18*	0.335 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1873.1 *2*	0.140 *11*	^{80}Ge(29.5 s)	265.36(27.0), 110.4(6.5), 1564.3(4.9)
1873.1 *2*	0.0163 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1873.1 *6*	†0.14 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1873.16 *6*	0.25 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1873.40 *10*	2.41 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1873.4 *7*	0.10 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1873.5 *5*	†12 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1873.6 *8*	0.07	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1873.65 *17*	0.036 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1873.7 *3*	0.87 *9*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
• 1873.74 *15*	0.0282 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1873.8 *3*	0.31 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1874.1 *10*	0.068 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1874.2 *10*	†8 *4*	^{22}O(2.25 s)	71.6(†100), 709.6
1874.3 *3*	0.0139 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1874.36 *9*	1.09 *6*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1874.4 *4*	0.11 *5*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1874.4 *2*	0.020 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1874.5 *5*	0.73 *17*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
1874.5 *3*	0.26 *5*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1874.6 *2*	0.074 *9*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1874.6 *1*	0.265 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1874.62 *14*	0.59 *9*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1874.7 *10*	†1.1 *3*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1874.7 *4*	0.23 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 1874.7 *5*	0.0273 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1874.8 *8*	0.26 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1874.8 *7*	0.176 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1874.9 *3*	0.0120 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1874.99 *24*	0.47 *6*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1874.99 *14*	0.089 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1875.0 *10*	0.0014 *7*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
1875.0 *6*	0.097 *10*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1875.0 *10*	0.147 *15*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1875.0 *10*	0.046 *18*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1875.1 *3*	0.025 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1875.1 *3*	0.20 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1875.30 *20*	0.042 *17*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
1875.3 *3*	0.66 *7*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1875.4 *3*	0.26 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1875.5	0.6	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1875.5 *5*	†8.18×10^3 *13*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1875.56 *12*	0.00084 *20*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1875.74 *15*	0.320 *22*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1875.8 *5*	†1.7 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1875.9 *5*	0.33 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1876 *1*	2.2 *5*	^{70}Cu(4.5 s)	884.9(54), 1654.1, 1072.2
1876.0 *3*	0.31 *4*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1876.0	0.45	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
• 1876.15 *30*	0.146 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1876.2 *3*	0.45 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
1876.23 *6*	0.223 *20*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1876.3 *9*	0.024 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1876.3 *3*	0.10 *6*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1876.3 *5*	†0.8 *3*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
1876.4	0.8	^{144}Tb(1 s)	743.0(21), 1143.9(4.0), 1719.1(1.7)
1876.45 *4*	0.0033 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1876.5 *5*	0.30 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1876.5 *5*	0.17 *6*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1876.5 *3*	0.26 *2*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
• 1876.67 *6*	1.33 *7*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1876.7 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1801.8
1876.7 *1*	†1.68 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1876.7 *3*	0.21 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1876.78	24.9 *15*	^{40}Sc(182.3 ms)	3736.50(100), 754.73(41), 2044.65(25.4)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1876.8 *3*	0.16 *3*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1876.9 *7*	†7 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1877.00 *20*	0.95 *17*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
• 1877.03 *15*	1.512 *12*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1877.1	0.026 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1877.1 *6*	0.46 *12*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1877.19 *5*	1.55 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
• 1877.29 *19*	0.041 *4*	^{140}La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
1877.3 *4*	0.028 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1877.40 *21*	0.44 *5*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1877.4 *10*	0.14 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1877.45 *7*	0.393 *21*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1877.5		^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
1877.6 *3*	1.29 *21*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1877.6 *2*	0.0163 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1877.60 *16*	0.060 *19*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
1877.7	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1877.722 *12*	0.208 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1877.80 *14*	1.12 *17*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1877.90 *21*	0.231 *6*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
1877.9 *5*	0.22 *5*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1878.0 *4*	0.101 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1878 *3*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1878.1 *3*	9	^{87}Se(5.85 s)	242.5(37), 334.0(35), 573.2(19)
• 1878.2	0.028 *3*	^{47}Ca(4.536 d)	1297.09(74), 489.23(6.5), 807.86(6.5)
1878.23 *18*	0.65 *10*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1878.3 *2*	0.36 *4*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1878.3 *5*	0.17	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1878.4 *2*	0.23 *2*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1878.5	0.071 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1878.5 *10*	†1.8 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1878.60 *7*	0.0367 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
• 1878.65 *15*	0.551 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 1878.65 *8*	2.01 *4*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1878.8 *3*	0.53 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
• 1878.8 *2*	0.230 *12*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1878.9 *3*	0.22 *3*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
1879.1 *4*	0.124 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1879.2 *5*	0.96 *23*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
1879.2 *4*	0.023 *4*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1879.2 *5*	0.014 *3*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1879.20 *50*	0.092	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1879.3 *1*	0.25 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1879.3 *8*	0.284 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1879.3 *5*	0.045 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1879.3 *15*	0.11 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1879.4 *4*	0.26 *4*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1879.40 *15*	0.00041 *3*	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
1879.40 *15*	0.0090 *5*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1879.56 *14*	0.054 *16*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
1879.6 *8*	0.17 *4*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1879.6 *2*	0.027 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1879.6 *3*	0.0013 *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: $E_\gamma(I_\gamma)$
1879.6 *3*	0.144 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1879.8 *7*	0.126 *25*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1879.80 *25*	0.159 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1879.87 *7*	1.39 *6*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1879.9 *3*	0.200 *11*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
1879.96 *9*	3.32 *11*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1880		^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1880.0 *1*	0.33 *3*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1880.0 *4*	0.62 *12*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1880 *1*	1.4 *5*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
1880.1 *4*	0.24 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1880.1 *4*	0.0192 *24*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
• 1880.1 *3*	0.081 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1880.1 *3*	1.06 *11*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1880.2 *7*	0.11 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1880.6 *1*	32.6 *19*	^{145}Gd(23.0 m)	1757.9(34.2), 1041.8(9.9), 808.4(8.6)
1880.8 *9*	0.06 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1880.9 *2*	†0.69 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1881.0 *10*	†3	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
1881.00 *20*	1.30 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1881.0 *10*	0.020 *8*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1881.2 *2*	0.22 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1881.2 *7*	0.48 *10*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1881.2 *3*	0.089 *13*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1881.21 *11*	0.156 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1881.29 *12*	1.9 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
• 1881.3 *4*	0.0009 *5*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1881.3 *5*	1.1 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1881.36 *12*	0.131 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1881.4 *9*	0.15 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1881.4	0.12	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1881.4 *3*	1.75 *19*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
1881.47 *20*	0.0129 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1881.52 *4*	1.22 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1881.70 *5*	0.0074 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1881.76 *25*	0.10 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1881.8 *2*	0.063 *7*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1881.8 *3*	0.09 *3*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1881.9 *7*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1882	0.16	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1882.00 *20*	>0.008	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
1882.0 *3*	0.140 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1882.2 *8*	0.044 *19*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1882.2 *4*	0.60 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1882.2 *5*	0.035 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1882.22 *20*	0.28 *4*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1882.26 *25*	0.090 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1882.3 *2*	1.60 *19*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1882.3 *7*	0.03 *1*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1882.43 *35*	0.16 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1882.45 *18*	†1.48 *19*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1882.5 *5*	0.19 *5*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1882.5	0.15	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1882.51 *8*	13.1 *6*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1882.6	0.26 *4*	^{43}Ti(509 ms)	2288.2(4.40), 845.2(2.77), 2458.5(0.91)
1882.7 *5*	0.16 *3*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
1882.8 *2*	0.69 *12*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1882.9 *4*	0.103 *21*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1883 *2*	0.13 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1883.00 *30*	0.78 *21*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1883.0 *15*	0.14 *5*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1883.0 *11*	1.02 *5*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1883.0 *3*	0.046 *8*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1883.0 *3*	0.35 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1883	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1883.09 *7*	<2.1	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
1883.09 *7*	2.4 *11*	^{68}Cu(31.1 s)	1077.35(64), 1260.97(12.5), 1744.16(1.7)
1883.09 *7*	0.130 *4*	^{68}Ga(67.629 m)	1077.35(3.0), 1260.97(0.0900), 805.75(0.089)
1883.1 *3*	0.480 *9*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
1883.1 *5*	0.53 *11*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1883.18 *11*	0.024 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1883.74 *12*	0.0033 *3*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1883.85 *15*	0.0335 *22*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1883.9 *3*	†3.0 *7*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1883.9 *10*	0.28 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1883.9 *5*	0.25 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1884 *1*	0.65 *24*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1884.0 *3*	0.18 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1884.10 *5*	2.93 *15*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1884.10 *30*	0.34 *3*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1884.1 *5*	0.080 *8*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1884.1 *3*	0.015 *4*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1884.3 *8*	0.104 *17*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1884.4	0.023 *17*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1884.40 *5*	2.89 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1884.4 *8*	0.7 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1884.5 *7*	†35 *3*	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
1884.5 *3*	0.64 *7*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1884.5 *10*	0.054 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1884.6 *12*	0.0046 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1884.7 *3*	0.234 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1884.77 *2*	0.0010 *3*	^{15}C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
1885	6.8 *6*	^{21}O(3.42 s)	1730.3(45.6), 3517(15.4), 279.9(14.8)
1885.00 *22*	0.028 *4*	^{92}Y(3.54 h)	934.46(13.9), 1405.28(4.8), 561.03(2.40)
1885.0 *3*	0.72 *9*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1885.0 *1*	†0.9 *3*	^{144}Pr(7.2 m)	1631.4(†2.8), 618.01(†1.5), 814.1
1885.1 *5*	4.0 *9*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
1885.30 *15*	2.13 *15*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1885.42 *15*	0.226 *16*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1885.62 *7*	0.99 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1885.7 *2*	0.36 *4*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1885.9 *3*	0.34 *8*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1885.9 *3*	0.190 *12*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 1885.9 *1*	1.86 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1885.9 *10*	0.45 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1885.97 *20*	0.169 *25*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1886.0	31	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 408.2(4.1)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1886.0 *2*	0.76 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1886 *1*	†0.5 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1886.1 *8*	†107 *24*	^{177}Re(14 m)	196.85(†1200), 79.65(†1010), 84.3(†890)
1886.2 *5*	0.042 *7*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1886.2 *2*	†0.39 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1886.2 *3*	0.20 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1886.23 *35*	0.42 *25*	^{62}Co(1.50 m)	1172.9(84), 2301.8(14.7), 1128.9(11.1)
1886.5 *6*	0.034 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1886.51 *75*	0.062 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1886.6 *3*	0.144 *23*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1886.6 *3*	0.041 *5*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1886.6 *5*	0.163 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1886.7 *4*	0.00075 *25*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1886.7 *9*	0.126 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1886.79 *8*	0.70 *4*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1886.8 *2*	1.14 *14*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1886.8 *11*	0.08 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1886.80 *5*	0.0123 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1886.9 *3*	0.22 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1887 *1*	0.039 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
• 1887.0 *1*	1.38 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1887.0 *10*	0.064 *25*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1887.1 *5*	4.6 *8*	^{120}In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
• 1887.1 *5*	0.034 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1887.10 *5*	0.093 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1887.10 *5*	1.63 *9*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1887.21 *28*	†3.8 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1887.24	0.12 *6*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1887.3 *3*	0.069 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1887.3 *8*	0.14 *10*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1887.37	0.056 *6*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
1887.4 *3*	1.86 *16*	^{97}Y(3.75 s)	3287.6(18.1), 3401.3(14.1), 1996.6(7.4)
• 1887.4 *3*	0.065 *3*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1887.47 *15*	0.18 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1887.5 *3*	1.02 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1887.57 *7*	0.253 *14*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1887.7 *2*	0.37 *10*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
• 1887.70 *7*	1.77 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1887.8 *2*	0.009 *3*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1887.8 *5*	>0.12	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1887.9 *3*	0.077 *15*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1887.9 *4*	0.38 *7*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1887.9 *5*	0.42 *7*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1888.0 *6*	0.15 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1888.0 *6*	>0.39	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
• 1888.0 *3*	0.081 *12*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1888.1 *3*	0.020 *11*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1888.2 *3*	1.9	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1888.3 *5*	0.041 *11*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1888.3 *3*	1.25 *21*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
• 1888.7 *5*	0.0358 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1888.74 *14*	0.0021 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1888.76 *19*	0.31 *3*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1888.79 *13*	0.56 *5*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1888.9 *2*	0.78 *8*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1889.0 *4*	0.18 *4*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1889.0 *4*	0.15 *3*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
1889 *2*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1889.02	0.029 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1889.04 *19*	0.38 *3*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1889.1	†17	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1889.12 *20*	0.026 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1889.2 *7*	0.10	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1889.2 *4*	0.26 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1889.22 *8*	0.0217 *16*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1889.25 *25*	0.118 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1889.4 *3*	0.062 *6*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1889.57 *20*	0.0032 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1889.7	0.34	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1889.7 *10*	0.18 *4*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1889.8 *7*	1.54 *15*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1889.8 *7*	0.22 *4*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1889.87 *17*	0.461 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1889.895 *22*	0.074 *5*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1889.9 *10*	0.7 *3*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1890	0.0020 *3*	^{21}F(4.158 s)	350.72(99), 1396(17.0), 1745.5(0.855)
1890.0 *2*	0.094 *14*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1890.0 *5*	0.101 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1890.1 *3*	0.73 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1890.1 *5*	0.7 *3*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
1890.1 *2*	0.144 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1890.3 *3*	0.07 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1890.35 *15*	0.09 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1890.4 *9*	†1.4 *3*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1890.40 *22*	0.26 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1890.6 *6*	0.18 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1890.6 *4*	0.14 *5*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1890.6 *4*	0.0057 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1890.7 *5*	†<0.15	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1890.8 *2*	1.03	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1890.9 *8*	0.99 *20*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1891.0 *2*	0.43 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1891.0 *6*	0.15 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1891.0 *7*	1.04 *20*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1891.0 *5*		^{199}Pb(12.2 m)	366.90(7), 382.8, 2751.9
1891.02 *17*	1.22 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1891.1 *3*	0.0028 *14*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1891.3 *4*	0.079 *6*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1891.3 *3*	0.245 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1891.3 *3*	0.40 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1891.37 *20*	0.073 *7*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1891.4 *3*	0.25 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
• 1891.55 *7*	0.48 *4*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
1891.60 *20*	0.39 *5*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1891.6 *2*	0.0042 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1891.8 *3*	0.17 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1891.8 *2*	1.68 *22*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1891.8 *3*	0.39	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1891.8 *5*	0.31 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1891.8 *7*	>0.8	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1891.87 *11*	0.30 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1891.9 *5*	0.4 *1*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1892.0 *5*	0.7	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1892.0 *5*	0.29 *6*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1892.15 *6*	0.188 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1892.17 *83*	0.091 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1892.2 *2*	1.78 *12*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1892.2 *5*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1892.28 *8*	0.46 *5*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1892.28 *8*	0.403 *17*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1892.4 *3*	0.18 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1892.5 *3*	0.65 *9*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1892.6 *2*	0.115 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1892.7 *2*	0.40 *3*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1892.70 *24*	0.174 *21*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1892.70 *20*	0.643 *19*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1892.76 *13*	0.138 *24*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1892.89 *8*	0.708 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1892.98 *8*	0.15 *4*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1893.0 *5*	0.054 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1893.0 *3*	8.2 *4*	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1893.2	0.11 *5*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1893.2 *2*	0.056 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1893.2 *3*	0.057 *10*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1893.20 *8*	0.00232 *25*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1893.2 *10*	0.048 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1893.2	0.07	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1893.3 *2*	0.29 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1893.3 *8*	0.48 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
• 1893.4 *3*	0.041 *3*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1893.4 *3*	0.006	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1893.46 *6*	0.29 *3*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1893.50 *10*	†2180 *70*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1893.7 *8*	0.89 *20*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
• 1893.7 *5*	0.0426 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1893.81 *35*	0.022 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1893.82 *31*	0.32 *10*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1893.9 *5*	0.21 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1893.9 *5*	0.09 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1893.92 *22*	0.344 *21*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1894 *1*	0.019 *7*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
1894.0 *5*	2.1×10^{-5} *16*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1894.0 *2*	0.028 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1894.1 *3*	0.121 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1894.1 *2*	†0.38 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1894.1 *4*	0.71 *8*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1894.22 *13*	0.24 *6*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1894.25 *40*	†2.2 *5*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1894.4 *11*	†2.6 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1894.4 *4*	†6.0 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1894.5 *3*	0.166 *23*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1894.5 *8*	†45.2 *15*	^{170}Ho(43 s)	812.3(†100.0), 78.6(†40), 1973.8(†36.5)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1894.80 *30*	0.05 *4*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1894.88 *21*	7.8 *3*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1894.9	0.08 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1895	>0.0008	^{21}F(4.158 s)	350.72(99), 1396(17.0), 1745.5(0.855)
1895.0 *3*	0.29 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1895.0 *10*	†1.10 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1895.0 *2*	0.00057 *19*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
• 1895 *1*	0.00063 *18*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1895.1 *6*	0.56 *17*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
1895.12 *3*	1.2 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1895.38 *20*	0.58 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1895.4 *1*	39 *3*	^{82}As(13.6 s)	654.6(72), 343.5(58), 1731.3(28)
1895.40 *10*	7.6 *6*	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
1895.6 *6*	†0.35 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1895.7 *6*	0.26 *6*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
1895.8	2.2 *2*	^{26}Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
1895.80 *24*	†1.24 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1895.9 *5*	0.66 *6*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1895.9	0.006 *4*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1895.98 *9*	0.599 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1896 *2*	†64 *15*	^{234}Ac(44 s)	1847(†100), 1912(†91), 688.5(†87)
1896.08 *10*	0.11 *8*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1896.1 *4*	†4.6 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1896.24 *5*	1.29 *12*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1896.3	0.023 *8*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1896.3 *5*	1.4 *6*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
1896.3 *4*	0.17 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1896.4 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1896.4 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
• 1896.50 *30*	0.055 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1896.7 *3*	0.52 *17*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1896.7 *1*	0.525 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1896.7 *2*	0.103 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1896.8 *2*	0.83 *13*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1896.9 *8*	1.3 *3*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1897.0 *5*	0.058 *18*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1897.21 *3*	0.014 *5*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
1897.21 *3*	5.1	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
• 1897.42 *4*	0.0278 *25*	^{57}Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
1897.5 *5*	†5.8 *12*	^{111}Ru(2.12 s)	303.8(†100), 211.7(†77.7), 382.0(†41.3)
1897.52 *7*	1.445 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1897.59 *7*	0.106 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1897.6 *2*	0.085 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1897.6	0.047 *5*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1897.6 *1*	0.204 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1897.6 *10*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
• 1897.60 *10*	0.0321 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1897.61 *24*	0.173 *11*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1897.61 *14*	0.0170 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1897.7 *9*	0.0046 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1897.7 *5*	0.006 *3*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1897.761 *14*	14.7 *15*	^{84}Br(31.80 m)	881.610(42), 3927.5(6.8), 2484.1(6.7)
1897.761 *14*	2	^{84}Br(6.0 m)	425.30(100), 881.610(98), 1463.84(97)
• 1897.761 *14*	0.738 *21*	^{84}Rb(32.77 d)	881.610(69), 1016.162(0.349)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1897.8 *7*	0.030 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1897.8 *15*	0.081 *16*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1897.8 *2*	0.00044 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1897.9 *10*	0.079 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1898.0 *10*	0.38 *6*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
1898.0 *20*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1898.25 *49*	0.10 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1898.3 *2*	3.0 *3*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1898.3 *4*	0.35 *18*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1898.34 *30*	0.078	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1898.7 *6*	0.08 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1898.7 *4*	0.061 *23*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1898.8 *5*	†2.63 *21*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
• 1898.8	0.042 *5*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1898.89 *23*	0.0014 *7*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1899.0 *1*	0.426 *11*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1899 *2*	8.9 *8*	^{232}Ac(119 s)	665.0(15.3), 1959(5.4), 1948(5.2)
1899.08 *15*	0.79 *6*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1899.1 *2*	0.165 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1899.2 *3*	0.73 *21*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1899.3 *5*	0.0064 *8*	^{51}Mn(46.2 m)	749.07(0.26), 1148.01(0.078), 1164.40(0.076)
1899.3 *5*	0.074 *22*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1899.3 *3*	2.22 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1899.4 *6*	0.118 *19*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1899.5 *10*	0.035 *13*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1899.5 *3*	†0.17 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1899.6 *9*	0.15 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1899.61 *16*	0.191 *16*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1899.66	0.82 *2*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
1899.68 *16*	0.46 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1899.7 *10*	9.6 *4*	^{22}F(4.23 s)	1274.53(100), 2082.5(85.1), 2165.9(67.8)
1899.8 *4*	0.11 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1899.8 *6*	0.20 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1899.8 *6*	†0.22 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1899.84 *12*	0.49 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1899.9 *4*	0.05 *1*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1899.91 *17*	0.46 *3*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
1900.0 *5*	0.64 *18*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1900.07 *20*	0.0029 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1900.07 *20*	0.016	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1900.1 *3*	†6.5 *8*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
1900.21 *13*	0.117 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1900.5 *7*	0.09 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1900.6 *2*	0.37 *3*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1900.6 *10*	0.50 *22*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1900.7 *8*	>0.08	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1900.72 *11*	0.07 *3*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1900.9 *5*	0.19	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1900.9 *5*	0.19	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1900.9 *2*	0.54 *10*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1900.94 *12*	0.46 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1901 *2*	0.12 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
• 1901 *2*	>0.0021	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1901.2 *5*	0.24 *8*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1901.3 *4*	0.076 *19*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1901.3 *7*	7.16 *14*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1901.3	0.035	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
• 1901.35 *15*	0.591 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1901.5 *1*	0.77 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1901.79 *15*	0.60 *4*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1901.8 *6*	0.0095 *9*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1901.9 *10*	1.9 *3*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
1902 *2*	0.40 *10*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
1902.0 *3*	0.13 *4*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1902.0 *10*	0.099 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1902.01 *46*	0.094 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1902.05 *18*	†7.6 *7*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1902.2 *2*	0.42 *3*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1902.2 *3*	0.20 *3*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1902.30 *10*	5.97 *20*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1902.3 *10*	†7.3 *2*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
1902.4 *3*	0.89 *9*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1902.40 *15*	†45 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 1902.45	0.037	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1902.5 *10*	2.2 *2*	^{94}Rh(70.6 s)	1430.50(100), 756.23(51), 1072.50(30.7)
1902.5		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1902.6 *7*	0.0048 *5*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1902.6 *2*	0.0113 *23*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1902.6 *5*	0.042 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1902.7 *5*	0.18 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1902.7 *1*	0.746 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1902.79 *13*	0.131 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1902.8 *10*	0.158 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 1903.04 *5*	0.072 *4*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1903.1 *6*	0.13 *6*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1903.2 *4*	0.046 *14*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1903.2 *3*	0.44 *11*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1903.35 *14*	0.0133 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1903.40 *10*	1.05 *10*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1903.4 *10*	0.67 *7*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
• 1903.42 *4*	0.289 *4*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1903.5 *3*	0.063 *8*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
• 1903.51 *5*	0.0149 *14*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1903.51 *5*	0.29 *4*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
• 1903.56 *10*	0.349 *15*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1903.58 *6*	0.029 *4*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1903.6 *3*	0.11 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1903.7 *4*	†64 *6*	^{88}Se(1.52 s)	159.2(†100), 259.2(†82), 1744.5(†62)
1903.8 *5*	0.15 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1903.8 *6*	0.25 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1903.84 *6*	0.113 *10*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1903.99 *14*	0.33 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1904.0 *3*	12.3 *8*	^{53}Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
1904.0 *5*	0.33 *8*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
• 1904.0 *4*	0.135 *13*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1904.1 *2*	0.16 *4*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1904.17 *20*	0.21 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1904.2 *3*	0.091 *12*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1904.21 *16*	0.24 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1904.26 *10*	0.00121 *15*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1904.3 *3*	†100 *13*	^{134}Pr(17 m)	1964.1(†100), 1579.9(†100), 1494.6(†100)
1904.4 *3*	0.170 *16*	^{71}Zn(2.45 m)	511.56(32), 910.27(7.8), 389.88(3.8)
1904.4 *2*	†8.5 *9*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
1904.5 *2*	0.49 *5*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1904.50 *7*	0.142 *8*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
• 1904.5 *5*	0.0197 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1904.6 *8*	0.034 *11*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1904.6 *2*	0.52 *17*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1904.7 *5*	0.65 *11*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1904.77 *12*	0.36 *5*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1904.9 *5*	0.28 *3*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1905.0 *3*	25	^{97}Sr(426 ms)	953.8(21.4), 652.2(11.4), 307.1(10)
1905.0 *10*	0.08 *6*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1905 *1*	0.20 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1905.0 *12*	0.156 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1905 *2*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1905.1 *3*	0.067 *20*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1905.1 *3*	0.025 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1905.1 *4*	0.75	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1905.1 *2*	0.29 *3*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1905.17 *10*	74 *4*	^{130}In(0.32 s)	129.80(61), 1221.24(60), 774.37(50)
1905.2 *7*	0.0045 *6*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1905.2 *5*	0.15 *10*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1905.3	0.13	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1905.43 *23*	0.043 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 1905.6 *4*	0.012 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1905.7 *3*	†5.4 *6*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1905.7 *10*	0.044 *7*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1905.74 *17*	0.0019 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1905.9 *4*	†0.65 *17*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1905.93 *15*	0.344 *21*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1906.0 *8*	0.13 *4*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
• 1906.273 *16*	0.114 *10*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1906.28 *7*	0.245 *13*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1906.3 *8*	0.40 *8*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1906.3 *3*	0.40 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1906.3 *6*	0.075 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1906.40 *24*	0.023 *7*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1906.41 *10*	0.174 *15*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1906.6 *5*	0.39 *14*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1906.7 *3*	†29 *21*	^{17}C(193 ms)	1373.8(†100), 1849.5(†92), 612.2(†22)
1906.7 *3*	0.282 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1906.8 *3*	0.076 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1907.0 *3*	1.32 *11*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1907.0 *4*	0.061 *3*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1907.0		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1907.1 *4*	1.23 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1907.1 *5*	0.40 *5*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
1907.1 *4*	0.11 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1907.18 *20*	0.0122 *11*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1907.20 *20*	0.13 *3*	^{118}In(5.0 s)	1229.68(5.0), 528.83(0.7), 1173.59(0.43)
1907.20 *20*	0.044 *10*	^{118}Sb(3.6 m)	1229.68(2.5), 1267.23(0.511), 528.83(0.472)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1907.2 *6*	0.19 *4*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1907.2 *6*	1.10 *20*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
1907.3 *14*	0.6 *3*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1907.3 *10*	†2.21 *17*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1907.4 *15*	0.060 *11*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1907.48 *11*	1.14 *18*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1907.5 *3*	0.90 *16*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
1907.5 *8*	0.16 *7*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1907.5 *1*	0.60 *8*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1907.6 *8*	0.38 *12*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1907.61 *5*	0.0170 *19*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1907.7 *2*	0.0053 *6*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1907.71 *6*	0.344 *15*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1907.73 *23*	0.174 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1907.8 *2*	0.38 *4*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1907.84 *10*	1.54 *6*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1907.88 *8*	0.17 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1907.9 *4*	1.1 *7*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1907.9 *3*	0.045 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1907.9 *7*	0.04 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1907.97 *47*	†1.0 *2*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1908.0 *6*	0.51 *16*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1908.0 *3*	1.10 *12*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1908.1 *6*	0.10 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1908.2 *6*	0.34	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1908.22 *25*	0.147 *22*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1908.3 *6*	1.6 *4*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1908.3 *5*	0.21 *3*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1908.4 *3*	0.151 *19*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1908.4 *3*	†0.45 *7*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
• 1908.46 *6*	0.083 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1908.5 *6*	0.57 *10*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1908.5 *10*	†0.8 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1908.5 *4*	0.142 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1908.6 *2*	0.056 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1908.6 *2*	0.037 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1908.7 *4*	0.100 *14*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1908.9 *2*	0.0092 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1908.90 *20*	0.078 *17*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1908.9 *6*	0.16 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1909.0 *2*	0.00126 *19*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
• 1909.1 *6*	0.013 *4*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1909.2 *6*	0.043 *11*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1909.2 *3*	0.2	^{207}Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
1909.27 *9*	0.00141 *15*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1909.30 *20*	0.00143 *10*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1909.3 *1*	0.221 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1909.3 *3*	1.32 *11*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1909.33 *19*	0.59 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1909.34 *13*	†10.6 *6*	^{82}Ga(0.602 s)	1348.07(†100), 2215.0(†22.0), 867.46(†13.4)
1909.4 *7*	1.3 *4*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1909.5 *3*	0.00119 *15*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
1909.5 *3*	0.7	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1909.6		^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1909.6 *5*	0.27 *8*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1909.69 *8*	0.610 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1909.7 *4*	0.139 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 1909.7 *5*	0.0202 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1909.8	>0.13	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
1909.8 *4*	0.05 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1909.9 *3*	0.143 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1909.91 *4*	9.0 *6*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 663.07(9.0)
1909.94 *15*	0.67 *10*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1909.95 *21*	0.50 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 1910.0 *3*	0.038 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1910.1 *2*	0.074 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1910.2 *4*	0.65 *18*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1910.3 *4*	0.24 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1910.33 *17*	0.0016 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1910.4 *4*	0.44 *7*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1910.70 *30*	0.277 *25*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1910.72 *12*	1.13 *7*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1910.78 *16*	0.234 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1910.92 *18*	†11.2 *12*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1911.0 *1*	1.96 *18*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1911 *2*	†4.9	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1911.0 *10*	0.18 *11*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1911	†1.1	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1911.1 *5*	5.81 *24*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1911.1 *4*	0.093 *20*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
• 1911.15 *20*	0.0300 *18*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1911.17 *10*	†6.28×10^{3} *10*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1911.2 *8*	†179 *71*	^{177}Re(14 m)	196.85(†1200), 79.65(†1010), 84.3(†890)
1911.2 *3*	0.044 *8*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1911.30 *15*	0.126 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1911.4 *2*	0.18 *6*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1911.4 *3*	0.0140 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1911.42 *21*	0.118 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1911.5 *6*	†1.9 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1911.5 *10*	0.283 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1911.6 *10*	0.53 *13*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1911.6 *3*	0.013 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1911.6 *10*	0.13 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1911.7 *1*	0.118 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1911.7 *15*	0.07 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1911.91 *11*	0.0237 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1912.0 *7*	0.061 *25*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1912 *2*	†91 *17*	^{234}Ac(44 s)	1847(†100), 688.5(†87), 1954(†70)
1912.1 *4*	0.0082 *19*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
1912.2	0.152 *23*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1912.3 *3*	0.65 *10*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1912.34 *25*	0.14 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1912.7 *1*	0.59 *3*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1912.7 *2*	2.13 *10*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 107.69(2.09)
1912.7 *3*	0.062 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1912.9 *6*	0.026 *9*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1912.91 *6*	0.119 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1913.0 *10*	0.07	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1913.0 *7*	>0.13	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1913.0 *20*	0.06 *4*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1913.1 *9*	0.16 *3*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
1913.194 *25*	1.280 *16*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1913.3 *5*	0.035 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1913.4 *2*	0.028 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1913.4 *3*	†0.20 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1913.5 *4*	0.073 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1913.5 *5*	0.019 *10*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
1913.6 *3*	0.22 *4*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1913.60 *10*	0.00048 *7*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1913.7 *5*	0.030 *10*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1913.8 *1*	0.558 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1913.88 *14*	0.017 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1913.9 *8*	0.07 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1914 *1*	0.06 *4*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1914	0.016 *5*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1914.11 *18*	0.159 *24*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1914.2 *3*	0.11 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1914.4 *3*	0.29 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1914.6 *6*	†0.27 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1914.70 *21*	1.99 *8*	^{111}Sn(35.3 m)	1152.98(2.7), 761.97(1.48), 1610.47(1.31)
1914.71 *25*	0.60 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 1914.80 *3*	0.597 *11*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1914.8 *10*	0.062 *10*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1914.97 *8*	0.046 *3*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1915.0 *2*	0.57 *8*	^{142}Tb(597 ms)	515.0(25), 465.0(2.7), 853.1(2.42)
1915.1 *5*	0.085 *7*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1915.1 *5*	†0.9 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1915.2 *3*	1.5 *5*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1915.23 *8*	0.366 *18*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1915.3 *6*	0.11 *4*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1915.4	0.06 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1915.5 *2*	0.19 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1915.5 *3*	0.020 *4*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1915.54 *19*	†0.57 *4*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1915.542 *22*	0.0022 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1915.6 *3*	†0.90 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1915.7 *4*	0.26 *3*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1915.7 *7*	1.0 *5*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1915.7 *4*	0.16 *3*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1915.7 *3*		^{146}Dy(29 s)	2156.8, 1876.7, 1801.8
1915.8	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1915.9 *6*	0.075 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1915.9 *4*	0.0008 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1916	0.13 *7*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1916.0 *4*	†2.4 *10*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
1916 *2*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1916.1	0.035 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 1916.1 *4*	0.0098 *23*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1916.31 *8*	0.097 *12*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1916.4 *2*	0.013 *6*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1916.4 *1*	0.121 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1916.43 *25*	0.048 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1916.5 *12*	0.04 *3*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1916.5 *10*	0.033 *13*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1916.5 *4*	0.132 *11*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1916.7 *1*	0.0090 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
• 1916.9		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1917.11 *15*	0.76 *6*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1917.20 *10*	6.4 *7*	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
1917.2 *2*	0.06 *2*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1917.27 *5*	1.1 *5*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1917.4 *2*	1.52 *11*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
• 1917.50 *16*	0.0021 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1917.59 *14*	0.60 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1917.6 *3*	†0.90 *17*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1917.6 *2*	0.091 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 1917.7 *5*	0.0224 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1917.8 *1*	1.55 *3*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 680.2(0.658)
1917.9 *4*	0.139 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1917.9 *4*	0.290 *20*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1918.0 *5*	0.0007 *3*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1918 *2*	0.30 *6*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1918.0 *10*	0.0008 *4*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1918.1 *6*	0.0175 *19*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1918.20 *33*	0.23 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1918.3	0.060 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1918.4	0.011 *5*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1918.5 *8*	1.0 *3*	^{72}Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
• 1918.58 *4*	0.157 *18*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1918.6 *2*	†0.48 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1918.63 *6*	2.091 *7*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1918.65 *50*	0.27 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1918.7 *8*	0.008 *3*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1918.8 *3*	0.012 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1918.8 *5*	0.0072 *7*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1918.85 *50*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
1918.85 *50*	†1.4 *3*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1918.87 *5*	0.0378 *19*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1918.9	6.4 *8*	^{23}F(2.23 s)	1701.44(33.0), 2129.3(22), 1822.4(15.6)
1919.0 *4*	0.108 *21*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1919.00 *18*	0.41 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1919 *4*	0.020 *5*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1919.1 *1*	†0.23 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1919.2 *11*	0.026 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1919.2 *7*	0.110 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1919.3 *5*	0.042 *7*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1919.4 *10*	0.17 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1919.5 *4*	†0.96 *12*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1919.50 *30*	0.0021 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
• 1919.52 *5*	12.26 *25*	^{57}Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1757.55(5.75)
1919.6 *4*	1.23 *13*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1919.7 *4*	0.70 *7*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1919.7 *3*	0.140 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1919.8 *4*	0.024 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1919.8	0.057 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
• 1919.82 *20*	0.049 *10*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1919.94 *18*	0.140 *11*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1919.96 *12*	0.204 *18*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1920.0 *14*	0.11 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1920.0 *3*	0.26 *7*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1920.0 *3*	0.29 *11*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1920.2 *1*	0.426 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1920.21 *13*	0.158 *5*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1920.21 *13*	0.072 *24*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1920.3	0.035	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1920.4 *4*	1.07 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
• 1920.50 *14*	0.0181 *19*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1920.6 *8*	0.037 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1920.7 *2*	8.0×10^{-5} *4*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
• 1920.70 *30*	0.094 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1920.72 *13*	20.8 *7*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1920.8 *2*	0.185 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
• 1920.81 *17*	0.0243 *21*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1920.9 *2*	†10.2 *12*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1920.9 *2*	0.252 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1920.9 *3*	0.17 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1920.93 *5*	0.054 *7*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
• 1920.98 *4*	0.065 *8*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1921.08 *12*	1.23 *6*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1921.1 *4*	0.017 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1921.21 *22*	3.2 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1921.3 *3*	0.81 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1921.3 *7*	0.15 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1921.4 *5*	0.039 *13*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1921.40 *15*	0.068 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1921.6 *7*	0.89 *9*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1921.8 *3*	†3.1 *5*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1921.97 *12*	0.36 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1922.1 *3*	0.011 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1922.10 *16*	†4.8 *10*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1922.13 *40*	0.094	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1922.15 *15*	1.79 *9*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1922.18	0.041 *4*	^{42}K(12.360 h)	1524.70(18), 312.6(0.336), 899.43(0.0515)
1922.4 *2*	0.066 *20*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1922.4 *3*	0.7	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
1922.4 *4*	0.011 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1922.46 *45*	0.16 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1922.5 *2*	0.028 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1922.55 *30*	†2.6 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1922.8 *15*	†0.55 *11*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1922.8 *15*	2.0 *4*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1922.8 *2*	5.3 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
1922.8 *2*	†1.4 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1922.8 *5*	>0.10	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1923.13 *10*	0.223 *19*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1923.15 *4*	0.76 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1923.15 *4*	0.0490 *14*	^{78}Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
1923.2 *4*	2.4 *3*	^{166}Lu(2.12 m)	1427.18(23.0), 2098.6(16.1), 1256.64(15.2)
1923.3 *7*	0.19 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1923.4	0.010 *5*	^{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: $E_\gamma(I_\gamma)$
1923.4 *4*	0.127 *20*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1923.5 *3*	0.53 *11*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1923.6 *2*	0.0034 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
• 1923.8 *2*	0.151 *11*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
1923.8 *5*	0.037	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1923.8 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1924.0	0.07	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1924 *2*	0.22 *6*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1924.05 *15*	0.72 *6*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 1924.1 *3*	0.0051 *25*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1924.20 *6*	0.00178 *17*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1924.20 *6*	1.98 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1924.4 *6*	0.0088 *19*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1924.5 *3*	1.14 *18*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1924.56 *5*	0.0082 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1924.6 *3*	0.20 *3*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
• 1924.62 *13*	0.0134 *19*	^{140}La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
1924.7 *8*	0.56 *4*	^{73}Zn(23.5 s)	218.1(6.00), 910.5(1.91), 495.6(1.48)
1924.7 *8*	0.38 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1924.8 *6*	0.47 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1924.9 *4*	1.1 *6*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
1924.9 *4*	1.1 *5*	^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
1925.0 *3*	1.14 *17*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1925.0 *5*	0.08 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1925.1 *7*	0.34 *10*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1925.2 *3*	0.60 *9*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1925.3 *7*	0.012 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1925.3 *9*	0.016 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1925.3 *3*	0.78 *7*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1925.3 *8*	†0.13 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1925.3 *5*	0.071 *16*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1925.36 *14*	0.56 *3*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1925.4 *2*	0.30 *4*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1925.4 *2*	0.23 *3*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1925.5 *4*	0.17 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1925.6 *10*	0.26 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1925.7 *8*	0.4 *2*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1925.7 *10*	0.0020 *10*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1925.7 *3*	0.271 *17*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1925.87 *6*	0.59 *5*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1925.88 *10*	0.181 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1925.97 *9*	0.040 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1926 *2*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1926.04 *8*	0.34 *7*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1926.1 *1*	0.034 *12*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1926.2 *5*	1.7 *7*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1926.4 *3*	†0.40 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1926.44 *30*	0.15	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1926.5 *6*	>0.07	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1926.5 *10*	†440 *90*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1926.54 *19*	0.302 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1926.7 *5*	†0.28 *6*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1926.8 *3*	0.14 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1926.9 *7*	0.7 *3*	^{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: $E_\gamma(I_\gamma)$
1926.90 *30*	1.35 *11*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1927.0 *5*	†0.47 *15*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1927	0.014 *5*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1927.0 *15*	0.10 *6*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1927.0 *2*	1.02 *7*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1927.1	0.35	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1927.2 *7*	0.0057 *11*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1927.27 *10*	0.0153 *4*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1927.27 *10*	0.00085 *10*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
1927.3 *3*	2.5 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1927.3 *2*	0.58 *11*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1927.30 *3*	0.298 *12*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1927.4 *5*	0.51 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1927.5 *10*	0.111 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1927.5 *6*	0.039 *11*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1927.5 *3*	†2.3 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1927.6 *4*	0.19 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1927.64 *12*	0.75 *5*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1927.7 *6*	†0.9	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1927.9 *3*	0.42 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1927.9 *20*	0.070 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1927.9 *4*	0.054 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1928 *2*	0.025 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1928.0 *8*	0.17 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1928.17 *19*	0.68 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1928.2 *7*	0.128 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1928.2 *5*	1.1	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1928.3 *3*	0.0096 *12*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
• 1928.38 *3*	0.006 *4*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1928.44 *13*	0.318 *18*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1928.5 *3*	0.18 *4*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1928.5	0.09	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1928.5 *8*	0.10 *4*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1928.5 *3*	0.23 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1928.5 *10*	0.122 *12*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1928.6 *15*	0.106 *21*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1928.7 *10*	0.39 *7*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1928.79 *10*	1.15 *7*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1928.8 *5*	0.64 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1928.8 *20*	0.08 *5*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
1928.8 *7*	0.176 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1929.0 *5*	0.07 *4*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1929.05 *5*	13.7 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 358.79(13.6)
1929.10 *20*	0.047 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1929.1 *3*	0.0045 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1929.3 *5*	0.0116 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1929.3 *5*	†0.14 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1929.4 *3*	†2.7 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1929.41 *11*	0.0264 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1929.5 *4*	0.258 *20*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1929.56 *20*	0.077 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1929.7 *3*	0.32 *5*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1929.7 *2*	12.2 *4*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1929.78 *20*	0.0205 *21*	^{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: $E_\gamma(I_\gamma)$
1929.84 *38*	1.16 *8*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
1929.9 *3*	†0.25 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1930.07 *7*	0.238 *19*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1930.2 *6*	0.038 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1930.2 *6*	†1.0 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1930.23 *11*	1.91 *8*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1930.30 *70*	0.069	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1930.4 *5*	†0.13 *2*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1930.49 *12*	0.125 *8*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1930.5 *3*	0.51 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1930.5 *10*	0.43 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1930.68 *20*	1.50 *13*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1930.69 *20*	0.11 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1930.7 *3*	1.6 *3*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
• 1930.7 *2*	0.29 *3*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1930.7 *4*	0.016 *4*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1930.8 *5*	0.88 *22*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1930.88	0.16	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1930.9 *8*	0.21 *7*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1931.0 *4*	0.131 *13*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1931.0 *5*	0.13 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1931.0	0.011 *5*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1931.0 *5*	0.117 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1931.05 *8*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
1931.05 *8*		^{131}Sn(58.4 s)	367.40, 285.0, 62.9
1931.05 *8*	†9.2 *20*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1931.10 *17*	0.29 *3*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1931.1 *5*	0.07 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1931.2 *3*	0.36 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
• 1931.2 *2*	1.16 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1931.3	0.0151 *9*	^{43}Sc(3.891 h)	372.760(23), 1558.5(0.0084), 593.390(0.0022)
1931.4 *2*	0.30 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1931.4 *3*	0.73 *6*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1931.54 *20*	0.59 *7*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1931.6 *7*	0.133 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1931.7 *6*	0.53 *11*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1931.7 *4*	†1.15 *12*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
• 1931.76 *7*	0.038 *4*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1932	0.012 *3*	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
1932 *3*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1932.16 *6*	0.0044 *3*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1932.2 *3*	†2.7 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1932.4 *3*	0.66 *4*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
1932.5 *2*	0.025 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1932.5 *25*	†0.28 *13*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1932.6 *5*	†0.9 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1932.8 *6*	†9 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1932.9 *5*	0.058 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1933.0 *5*	0.44 *6*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1933.0 *8*	0.043	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1933.06 *22*	0.355 *24*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1933.10 *9*	1.590 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1933.3 *4*	0.32 *8*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
1933.3 *4*	0.0013 *4*	^{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: $E_\gamma(I_\gamma)$
1933.48 *7*	0.281 *15*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1933.5 *3*	0.38 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1933.5 *3*	0.14	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1933.60 *10*	8.4 *5*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1933.6 *7*	0.14	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1933.63 *18*	0.48 *6*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1933.8 *3*	0.46 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1933.9 *3*	0.26 *4*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1933.90 *20*	0.044 *11*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1934.0 *5*	0.90 *24*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1934.03 *21*	0.62 *9*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1934.10 *21*	9.3 *6*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1934.1 *5*	0.50 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
1934.1 *8*	0.4 *2*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1934.1 *2*	1.07 *7*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1934.2 *2*	0.216 *16*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1934.2 *3*	0.220 *24*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1934.2 *5*	0.13 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1934.5 *4*	0.10 *3*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1934.5 *5*	0.020 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1934.67 *8*	0.22 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1934.7	9.4 *24*	^{35}Si(0.78 s)	4100.7(36.5), 3859.5(32.7), 2386.3(31.6)
1934.71 *14*	0.72 *6*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1934.71 *14*		^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1934.8 *3*	0.22 *4*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1934.8 *20*	0.048 *9*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1934.8 *15*	0.207 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1934.9 *7*	0.08 *3*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1935	†0.5	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1935.1 *6*	0.034 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1935.1 *5*	0.112 *17*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1935.19 *37*	0.34 *4*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1935.2 *4*	0.009	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1935.3 *3*	0.14 *4*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1935.35 *63*	0.15 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1935.54 *20*	†34 *6*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1935.6 *7*	0.034 *11*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1935.8 *5*	0.118 *19*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1935.8 *4*	0.050 *23*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1935.9 *1*		^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1935.9 *1*	1.04 *15*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1935.9 *6*	0.0150 *19*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1936.0	†7	^{99}Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
1936	†1.5	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1936.00 *30*	3.3 *6*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
1936.0	0.7	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
1936.0 *5*	0.42 *5*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
1936.03 *15*	0.37	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1936.1 *5*	0.06	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1936.1 *4*	0.008 *3*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1936.1 *10*	0.034 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
• 1936.15 *9*	0.096 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1936.19 *20*	0.96 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1936.2 *6*	0.16 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1936.3 *3*	0.0021 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1936.38 *6*	0.365 *9*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1936.4 *6*	0.10 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1936.6 *5*	0.33 *11*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1936.7	†11	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1936.76 *17*	0.54 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1936.8 *5*	0.249 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1936.9 *3*	2.20 *9*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
• 1936.90 *30*	0.213 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1936.9 *3*	0.00021 *4*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
1937 *2*	0.08 *3*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1937.01 *10*	†2890 *70*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1937.1 *5*	0.64 *10*	^{67}Ni(21 s)	1115.3(0.49), 821.6(0.47), 2841(0.27)
1937.2 *1*	0.140 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
• 1937.2 *2*	0.0038 *14*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1937.3 *3*	0.20 *4*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1937.3 *5*	0.08 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1937.4 *5*	0.21 *4*	^{136}I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
• 1937.414 *44*	0.01123 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
• 1937.57 *2*	0.073 *5*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1937.6 *3*	0.51 *6*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
1937.6 *5*	0.20 *8*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1937.7 *4*	0.31 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1937.7 *3*	0.041 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 1937.71 *11*	1.944 *14*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1937.8 *5*	0.62 *13*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1937.85 *9*	0.33 *2*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1937.9 *5*	0.68 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
1937.9 *3*	0.71 *9*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1937.9 *3*	†0.25 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1937.9 *2*	0.024 *4*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1938.0 *5*	0.0088 *20*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1938 *1*	0.031 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1938.0	0.0030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1938.0	0.035	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1938.07 *11*	1.27 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1938.26 *17*	4.9 *6*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
1938.3 *10*	0.013 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1938.5 *9*	0.295 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1938.6 *3*	3.7 *4*	^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
• 1939.0 *4*	0.0080 *8*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1939.0 *10*	0.10 *6*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1939.0 *3*	0.54 *6*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
1939.1 *3*	0.010 *3*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1939.11 *15*	0.64 *4*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 1939.17 *4*	0.0690 *22*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1939.25 *25*	0.22 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1939.3	0.085 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1939.3 *15*	0.127 *18*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1939.31	0.13	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1939.5 *7*	0.0049 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1939.5 *1*	0.095 *17*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1939.5 *3*	0.095 *17*	^{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: $E_\gamma(I_\gamma)$
1939.7 *3*	4.62 *17*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1939.7 *2*	0.162 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1939.8 *3*	0.25 *6*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1939.92 *11*	†0.61 *7*	^{27}Na(301 ms)	984.64(†114), 1697.94(†15.5), 3109.2(†>3.4)
1939.95 *23*	0.331 *23*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1940.1 *8*	0.075 *8*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1940.1 *1*	0.31 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1940.1 *3*	†10.5 *5*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
1940.2 *8*	0.14 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1940.30 *14*	0.69 *5*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1940.3 *3*	2.39 *19*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1940.3 *7*	0.020 *5*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1940.4 *2*	0.57 *3*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1940.43 *18*	0.00054 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1940.45 *15*	0.18 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1940.5 *8*	0.011 *5*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
1940.5 *3*	0.44 *3*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1940.53 *7*	5.4 *3*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1940.6 *4*	0.014 *6*	^{55}Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)
1940.6 *6*	0.039 *11*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1940.6 *3*	0.068 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1940.7 *3*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1940.7 *3*	0.011 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1940.8 *8*	0.7 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1940.8 *5*	>0.026	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1940.81 *22*	1.62 *20*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1940.85 *17*	†0.19 *2*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1940.9 *10*	†1.3 *11*	^{152}Pr(3.24 s)	164.2(†100), 284.9(†81.0), 72.40(†38.9)
1940.9 *2*	0.00192 *10*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
1940.97 *6*	1.10 *6*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1941.0 *3*	0.079 *15*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1941.1 *2*	†17.1 *12*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1941.2 *5*	0.15 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1941.21 *6*	0.79 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1941.33 *11*	1.42 *8*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1941.4 *3*	13.0 *9*	^{32}Al(33 ms)	3042.3(4.7), 4230.4(1.8), 2289.2(1.4)
1941.54 *9*	0.460 *23*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1941.6 *2*	0.009 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1941.66 *5*	3.11 *14*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1941.7 *3*	0.052 *7*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1941.78 *15*	0.042 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1941.8 *4*	0.055 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1941.81 *17*	0.61 *6*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1941.81 *17*	0.0087 *8*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1941.83 *15*	0.286 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1941.9 *7*	0.120 *25*	^{140}Pm(9.2 s)	773.74(5.0), 477.1(2.6), 1204.8(1.9)
1941.9 *3*	0.17 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1941.944	83	^{38}S(170.3 m)	1745.77(2.44), 2750.97(1.38), 1692.420(0.166)
1942.2 *9*	1.40 *12*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1942.3 *10*	0.027 *10*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1942.3	0.035	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1942.6 *3*	2.1 *7*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1942.6 *4*	†1.6 *4*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1942.6 *10*	0.052 *8*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1942.7 *9*	0.31 *7*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1942.8 *10*	0.09 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1942.81 *17*	0.40 *4*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1942.9 *4*	0.64 *19*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1943.0 *3*	0.100 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1943.4 *7*	0.27 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1943.4 *5*	1.35 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1943.4 *10*	0.283 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1943.5 *7*	1.69 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1943.54 *11*	0.47 *3*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1943.55 *38*	†7.5 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1943.6 *15*	0.011 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1943.7 *3*	0.0033 *5*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
1943.7	0.005 *4*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1943.70 *37*	†1.3 *2*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1943.8	0.081 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1943.9 *2*	0.025 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1943.9 *4*	0.28 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1943.96 *5*	0.370 *25*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1943.96 *5*	6.75 *16*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1944.0 *9*	1.10 *18*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
1944	†0.9	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1944.0 *15*	0.060 *16*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
• 1944.08 *20*	3.9 *3*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1944.10 *6*	2.28 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1944.1	0.8	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
1944.2 *5*	0.47 *7*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1944.2 *3*	†5.7 *10*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1944.2 *3*	†3.2 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1944.2 *4*	0.18 *7*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1944.20 *20*	0.0021 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1944.30 *9*	100	^{46}Ar(8.4 s)	1020.3(0.8), 288.1(0.7), 584.7(0.4)
1944.3 *11*	0.9 *4*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
• 1944.33 *28*	0.0080 *19*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1944.38 *8*	0.0391 *18*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1944.4 *5*	0.039 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1944.5 *5*	3.8 *5*	^{50}Mn(1.75 m)	783.29(100), 1097.97(98.5), 1443.28(69)
1944.5 *10*	0.15 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1944.51 *8*	0.204 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1944.53 *24*	0.21 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1944.6 *3*	†0.85 *19*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1944.7 *3*	0.46 *3*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
1944.7 *4*	0.086 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1944.75 *12*	0.55 *4*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1944.79 *15*	0.00035 *17*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1944.8		^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 1944.8 *4*	0.0233 *22*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1944.8 *5*	0.020 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1944.9 *8*	†95 *36*	^{177}Re(14 m)	196.85(†1200), 79.65(†1010), 84.3(†890)
1945.0 *5*	0.08 *8*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1945.01 *5*	1.382 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1945.33 *22*	0.100 *18*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1945.7 *5*	0.104 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1945.73 *18*	†0.36 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1945.8 *20*	†2.07 *11*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1945.82 *10*	6.1 *5*	^{130}In(0.32 s)	1905.17(74), 129.80(61), 1221.24(60)
1946.1	0.9	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
1946.1 *5*	0.63 *20*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1946.27 *13*	0.409 *17*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
• 1946.34 *13*	0.165 *7*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1946.45 *16*	0.73 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1946.54 *24*	0.094 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
• 1946.7 *6*	0.072 *12*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1946.9	0.08 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1947.0 *14*	0.67 *13*	^{30}Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
1947 *1*	0.010 *5*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
1947.0 *2*	0.0027 *3*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1947	<0.01	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1947.0 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1947.0 *4*	0.010 *3*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1947.043	0.042 *15*	^{34}P(12.43 s)	2127.492(15.00), 4114.54(0.18), 1987.18(0.131)
1947.22 *12*	0.042 *9*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1947.3 *3*	0.286 *19*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1947.3 *3*	0.095 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1947.3 *3*	0.026 *7*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 1947.33 *22*	0.0117 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1947.4 *2*	0.59 *16*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1947.5 *10*	0.028 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1947.5 *3*	3.8	^{207}Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
1947.7 *4*	0.0136 *18*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1947.7 *3*	1.60 *17*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1947.76 *20*	1.34 *10*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
1947.8 *4*	0.0116 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1947.9 *3*	0.084 *20*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1947.90 *30*	0.25 *4*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1948.0 *15*	0.06 *3*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1948.0 *8*	1.2 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1948 *2*	5.2 *8*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
1948.1 *2*	0.91 *9*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1948.13 *25*	0.034 *10*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1948.2 *3*	0.0134 *15*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1948.3 *4*	1.9 *3*	^{147}Tb(1.7 h)	1152.4(100), 694.4(43), 139.9(27.46)
1948.40 *5*	0.067 *6*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1948.40 *18*	0.12 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1948.4	0.12	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1948.49 *5*	0.064 *6*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1948.5 *1*	0.406 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1948.6 *3*	1.0 *5*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1948.62 *23*	0.0081 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
• 1948.65 *5*	0.079 *7*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1949.0 *5*	0.17 *3*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1949 *1*	0.039 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1949.1 *5*	0.120 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1949.26 *14*	0.038 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1949.3 *3*	0.18 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1949.4 *9*	0.38 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1949.4	0.6	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1949.5 *3*	†0.32 *10*	^{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: $E_\gamma(I_\gamma)$
1949.6 *2*	1.47 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1949.7	0.31	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1949.7 *10*	0.108 *22*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1949.80 *17*	0.13 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1949.8 *1*	1.255 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1949.9 *7*	0.64 *6*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1949.9 *2*	0.77 *3*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1949.95 *15*	0.18 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1950.0 *10*	0.049 *11*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1950.05 *5*	0.117 *5*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
1950.1 *5*	0.020 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1950.2 *2*	1.62 *18*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1950.3 *6*	0.0059 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1950.4 *6*	0.22 *4*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1950.4 *3*	0.51 *14*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
• 1950.4 *2*	<0.008	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
1950.5 *2*	0.078 *8*	^{93}Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
1950.6 *3*	0.51 *10*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1950.652	0.0025 *7*	^{23}Mg(11.317 s)	439.986(8.2), 2390.598(0.0044)
• 1950.7 *2*	0.069 *8*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
• 1950.7		^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1950.8 *3*	0.34	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1950.8 *3*	0.062 *6*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1950.8 *6*	0.136 *25*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1950.8 *3*	0.161 *23*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1950.88 *20*	0.183 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1950.9	0.10	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
1950.9	0.014 *7*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1951.0 *4*	1.2 *5*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1951 *1*	0.18 *5*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1951.0 *10*	0.11 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1951.1 *1*	0.0098 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1951.1 *4*	†1.1 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1951.1 *4*	†0.62 *14*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1951.1 *15*	0.086 *16*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1951.2 *5*	†1.5 *4*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1951.3 *2*	0.09 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1951.3 *12*	0.05 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1951.4 *4*	0.0116 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1951.4 *7*	0.187 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1951.48 *14*	0.48 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1951.7 *3*	0.16 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1951.80	0.033	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1951.81	0.094 *6*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
1951.88 *38*	†1.4 *2*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1952.0 *2*	0.41 *6*	^{140}Eu(1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
1952 *2*	0.42 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1952.0 *5*	0.128 *14*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
• 1952.06 *15*	0.774 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1952.2 *9*	1.89 *13*	^{30}Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
1952.2 *5*	0.73 *17*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1952.3 *8*	0.087 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1952.33 *15*	0.061 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1952.33 *15*	0.053 *4*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1952.4 *3*	0.098 *17*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1952.5 *6*	0.09 *2*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1952.6 *4*	0.029 *9*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1952.8 *3*	0.32 *6*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1952.8 *6*	0.148 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1952.91 *6*	1.72 *6*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1953.0 *5*	0.07 *3*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1953.4 *4*	0.0072 *23*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1953.5 *10*	2.1 *4*	^{70}Cu(47 s)	884.9(100), 901.7(87), 1251.7(57)
1953.5 *3*	0.077 *9*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1953.51 *16*	0.061 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1953.6 *4*	0.064 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1953.6 *3*	0.64 *4*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1953.6 *2*	0.0023 *5*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1953.6 *5*	1.0×10^{-4} *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1953.69 *7*	0.44 *3*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1953.7 *4*	0.26 *6*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1953.8 *2*	0.42 *6*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1953.83 *18*	17.02 *19*	^{29}S(187 ms)	1383.51(19), 2422.5(15.5), 3338.8(14.4)
1953.9 *3*	0.49 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1953.9 *11*	0.08 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1954.0 *10*	0.23	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
• 1954.00 *30*	0.161 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1954 *2*	†70 *15*	^{234}Ac(44 s)	1847(†100), 1912(†91), 688.5(†87)
1954.2 *6*	0.144 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1954.3 *10*	0.130 *13*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1954.31 *20*	0.075	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1954.48 *15*	0.037 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
• 1954.48 *9*	0.043 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1954.6 *4*	0.00018 *4*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1954.7 *8*	0.038 *6*	^{16}N(7.13 s)	6128.63(67.0), 7115.15(4.9), 2741.5(0.82)
1954.7	0.6	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1954.76 *11*	0.0139 *14*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1954.8	0.09	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1954.8 *3*	0.0016 *5*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
1954.89 *22*	†14.9 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1954.90 *12*	0.739 *22*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1955 *2*	0.08 *4*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1955.03 *25*	0.134 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1955.1 *9*	0.51 *15*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1955.14 *6*	0.407 *20*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
1955.2 *9*	0.92 *12*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1955.3 *3*	0.060 *19*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
1955.3 *2*	†8.3 *8*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 1955.45 *20*	>0.026	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
1955.5 *3*	0.64 *5*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
• 1955.65 *15*	1.34 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1955.7 *5*	0.45 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
1955.7 *3*	0.036	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1955.8 *10*	0.59 *13*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
• 1955.8 *3*	0.0090 *9*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1955.8 *3*	0.30 *5*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1955.8 *3*	0.42 *8*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1955.82 *10*	0.205 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1955.9 *4*	0.0092 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1955.9 *5*	0.199 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1955.9 *3*	0.098 *15*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1955.9 *10*	0.283 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1955.9 *5*	0.0008 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1956.0 *4*	0.49 *20*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
1956.0 *4*	2.0 *13*	^{100}Ag(2.24 m)	665.54(86), 750.67(>26), 1693.9(14.7)
1956	<0.01	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1956.2 *3*	0.075 *10*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1956.3 *10*	0.0035 *12*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
1956.3 *4*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1956.37 *21*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1956.4 *5*	3.5 *4*	^{53}Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
1956.4 *3*	0.174 *23*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1956.48 *15*	0.9	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1956.5 *6*	0.8 *4*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1956.6 *4*	0.66 *15*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1956.6 *3*	0.8 *3*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1956.7 *6*	0.14 *3*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1956.7 *2*	†1.06 *12*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
• 1956.74 *3*	0.0391 *11*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
1956.74 *3*	0.00166 *8*	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
1956.74 *3*	0.0060 *5*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1956.74 *3*	0.059 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1956.74 *25*	0.34 *7*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1956.76 *40*	0.25 *4*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1956.9 *5*	0.037	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1956.9 *2*	0.39 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1956.9 *4*	0.057 *6*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
• 1956.9 *2*	0.125 *9*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1956.9 *1*	0.435 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1956.97 *16*	0.36 *5*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1957.0	0.37	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1957.0 *6*	0.094 *9*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1957.10 *18*	0.35 *3*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1957.1 *5*	0.0094 *8*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
1957.11 *22*	0.0149 *5*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1957.11 *22*	0.43 *4*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1957.16 *13*	0.046 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1957.2 *6*	>0.13	^{108}Sn(10.30 m)	396.44(64.3), 272.75(45.5), 669.08(22.6)
1957.22 *15*	0.276 *24*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1957.28 *5*	0.45 *3*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
1957.3 *6*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1957.3 *11*	0.042 *7*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1957.4 *5*	0.22 *4*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
1957.4 *10*	0.057 *8*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1957.5 *3*	0.080 *8*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
1957.5 *2*	0.16 *4*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1957.5 *2*	0.26 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1957.57 *7*	0.054 *7*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1957.6 *2*	3.2 *4*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1957.6 *3*	0.28 *8*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1957.7 *8*	0.52 *9*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1957.8 *3*	0.51 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1958.0 *4*	0.010 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1958.02 *4*	0.0185 *9*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
1958.02 *4*	0.017 *8*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
1958.19 *7*	0.40 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1958.2 *5*	0.11 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1958.23 *15*	0.16 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1958.29 *8*	2.12 *16*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1958.3 *5*	0.184 *12*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1958.37 *30*	0.0016 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1958.5 *5*	0.292 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1958.59 *5*	0.208 *4*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
• 1958.74 *20*	0.162 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1958.8 *3*	0.20 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1958.8	0.47	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1958.8 *5*	0.192 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1958.9 *8*	0.023 *3*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1959.0 *3*	0.25 *8*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1959.0 *4*	>0.26	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
1959 *2*	5.4 *8*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1948(5.2)
• 1959.24 *9*	0.276 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1959.25 *20*	0.55 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1959.4 *3*	0.21	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1959.4 *3*	>0.10	^{202}Au(28.8 s)	439.59(10.0), 1125.20(2.30), 1306.38(2.25)
1959.50 *20*	0.067 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1959.6 *3*	0.34 *5*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1959.7 *4*	†2.3 *1*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
1959.87 *22*	0.46 *8*	^{80}As(15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
1959.9 *2*	0.30 *6*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1959.956 *43*	0.0975 *24*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1960.0 *1*	1.8 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1960.1 *1*	0.096 *6*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1960.2	13.5 *5*	^{36}P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
1960.3 *5*	0.07	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1960.4 *6*	0.17 *7*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1960.4 *5*	0.11 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1960.5 *8*	†0.30 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1960.6 *5*	0.035 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1960.60 *16*	0.06	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1960.7 *3*	0.59 *11*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
• 1960.80 *30*	0.287 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1960.89 *9*	0.89 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1960.9 *5*	2.4	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1960.9 *10*	0.05 *3*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1961.1 *5*	0.11 *4*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1961.1 *3*	0.34 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1961.2 *3*	0.084 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1961.2 *4*	0.15 *7*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1961.3 *5*	0.017 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1961.3 *4*	0.11 *5*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1961.3 *10*	0.041 *6*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1961.42 *12*	0.82 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1961.44 *6*	1.01 *5*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1961.5 *9*	0.14	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1961.5 *4*	0.033 *3*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1961.5 *5*	0.192 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1961.5 *10*	†2.7 *3*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
1961.53 *11*	10.0 *10*	^{54}V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
1961.6 *3*	0.107 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1961.8	0.03 *2*	^{26}Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
1961.8 *9*	0.06 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1961.83 *6*	1.78 *10*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1961.9 *2*	0.0139 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1962.0 *3*	0.59 *7*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1962.0 *10*	0.08 *3*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1962.0 *10*	†0.47 *22*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1962.2 *3*	0.15 *15*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1962.2 *3*	2.28 *13*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
1962.3 *6*	†0.20 *2*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1962.37 *16*	0.028 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1962.4 *15*	0.07 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1962.4 *10*	0.10 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
• 1962.45 *30*	0.096 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1962.5 *4*	0.0078 *22*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1962.6 *2*	0.232 *15*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
1962.8 *8*	0.062 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1962.9 *3*	0.25 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1962.9	†1.5	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1963	†2.8	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
• 1963.0	0.06	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1963.0 *10*	0.256 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1963.19 *10*	1.27 *6*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1963.2 *6*	†0.086 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
• 1963.2 *3*	0.0109 *20*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1963.5 *1*	2.49 *20*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1963.5 *15*	0.74 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1963.6 *4*	0.13 *4*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1963.7 *4*	†17 *5*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
1963.71 *8*	1.47 *10*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1963.71 *8*	0.115 *12*	^{150}Eu(12.8 h)	333.971(4.0), 406.52(2.81), 1165.739(0.257)
• 1963.714 *12*	0.720 *15*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1963.8 *7*	0.0056 *9*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1963.8 *4*	0.098 *25*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1963.8 *3*	1.06 *16*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
• 1963.822 *16*	0.016 *4*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1964.0 *3*	0.45 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1964		^{109}Tc(0.87 s)	194.6(†100), 128.7(†51), 96.2(†48)
1964.04 *15*	0.91 *6*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1964.1 *10*	†100 *50*	^{134}Pr(17 m)	1904.3(†100), 1579.9(†100), 1494.6(†100)
1964.2 *8*	†0.21 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1964.2 *4*	0.025 *6*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1964.2 *3*	0.110 *13*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1964.4 *4*	0.172 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1964.5 *6*	0.079 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1964.5 *3*	0.75 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1964.5	0.07	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1964.53	0.1466 *22*	^{25}Na(59.1 s)	974.72(14.95), 585.03(13.00), 389.70(12.68)
1964.53 *46*	0.10 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1964.6 *4*	0.052 *9*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1964.6 *8*	†4.2×10^{2} *12*	^{177}Re(14 m)	196.85(†1200), 79.65(†1010), 84.3(†890)
1964.7 *12*	0.05 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1964.72 *6*	0.37 *4*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1964.75 *15*	0.39 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1965.0 *5*	1.11 *11*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1965.0 *9*	0.34 *8*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
• 1965.03 *7*	0.00115 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1965.03 *7*	1.94 *14*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1965.1 *3*	0.107 *8*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1965.11 *19*	0.67 *6*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1965.2 *2*	0.157 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
• 1965.2 *3*	3.870 *19*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1965.24 *20*	0.0210 *19*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1965.24 *20*	0.030 *4*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1965.58 *9*	0.22 *5*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1965.6 *5*	0.2	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1965.66 *44*	>0.0007	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1965.7 *4*	1.17 *12*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1965.9 *1*	3.5 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1965.9 *8*	0.030 *4*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
• 1965.97 *7*	0.0081 *16*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1966.04 *4*	0.052 *3*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
1966.04 *4*	0.009 *5*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
1966.07 *12*	0.0043 *6*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
• 1966.1 *3*	0.26 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1966.2 *4*	7.2 *5*	^{86}Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
1966.4 *4*	0.064 *8*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1966.5	0.10	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1966.51 *12*	0.40 *3*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1966.52 *4*	0.044 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1966.55 *20*	0.133 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1966.7 *8*	0.013 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1966.7 *3*	0.082 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1966.8 *9*	0.37 *8*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
• 1966.8 *5*	0.0291 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1966.9 *2*	>0.025	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1967 *3*	†1.95 *11*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1967.0 *10*	†0.6 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1967.1 *3*	0.0113 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1967.12	0.458 *7*	^{33}Cl(2.511 s)	840.989(0.524), 2867.59(0.440), 1472.410(0.0255)
1967.2 *5*	0.213 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1967.3 *3*	0.123 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1967.6 *1*	0.171 *19*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1967.8 *4*	0.25 *8*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
1967.8 *4*	0.8 *2*	^{128}In(0.72 s)	831.54(100), 1168.80(100), 120.54(11.1)
1967.8 *2*	0.17 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1967.9 *3*	0.101 *25*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1968.00	0.030	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1968.2 *4*	>0.06	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1968.3 *5*	0.0168 *24*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1968.4 *9*	1.7 *5*	^{52}Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
1968.4 *4*	0.17 *3*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
1968.4 *1*	2.0 *3*	^{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: $E_\gamma(I_\gamma)$
1968.45 *10*	0.5 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1968.5 *5*	2.3	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1968.6 *6*	0.69 *20*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
1968.6	0.17	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
1968.74 *73*	0.015 *5*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1968.8 *5*	53 *3*	^{60}Mn(1.77 s)	823.63(74), 492.9(18.0), 2299.3(13.0)
1968.8 *3*	†1.9 *6*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1969.0 *2*	0.065 *7*	^{93}Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
1969.0 *2*	>0.32	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1969	0.028 *7*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1969.1 *7*	0.049 *8*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1969.1 *5*	0.033 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1969.2	0.07 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1969.3 *8*	0.20 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1969.40 *10*	8.9 *10*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 2789.30(7.9)
1969.5 *5*	0.025 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1969.6 *9*	†0.06 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1969.6 *5*	†6.0 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
• 1969.65 *7*	0.432 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1969.7	†22	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1969.7 *6*	0.26 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1969.7 *2*	†0.38 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1969.8 *1*	0.0033 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
• 1969.80 *20*	0.0342 *23*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1969.9 *2*	0.55 *3*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1970.0 *3*	0.083 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
• 1970.0 *3*	<0.30	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
1970.0	0.035 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1970.0 *15*	†5.5×10^{2} *12*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1970.3 *6*	0.7 *3*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
1970.3 *4*	0.52 *18*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1970.33	82.0 *16*	^{36}K(342 ms)	2432.8(31.8), 2207.87(29.9), 4440.2(8.0)
1970.4 *3*	0.140 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1970.5 *5*	†0.9 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1970.6 *2*	0.031 *4*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1970.6 *1*	1.44 *22*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1970.7 *4*	0.16 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1970.78 *16*	0.29 *3*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1970.8 *3*	0.62 *6*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1970.8 *4*	0.10 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1970.9 *3*	1.59 *14*	^{82}As(19.1 s)	654.6(15), 1731.3(4.1), 755.2(1.81)
1970.9 *6*	4.9 *4*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1970.9 *6*	2.31 *20*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1970.99 *10*	6.7 *3*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1971.0 *4*	0.20 *5*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1971.0 *10*	0.079 *10*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1971.0 *10*	†0.47 *22*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1971.0 *10*	0.16 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1971.0 *6*	0.094 *20*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1971.09 *10*	1.55 *15*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1971.1 *2*	1.60 *18*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1971.1 *10*	0.21 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1971.2 *2*	0.0093 *24*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1971.2 *4*	0.0027	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1971.3 *5*	0.041 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 1971.7 *5*	0.168 *16*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1971.8 *7*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1971.9 *2*	0.45 *5*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1971.9 *3*	0.0037 *8*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1972.0 *10*	†6	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
1972 *2*	0.015 *5*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1972.0 *3*	0.29	^{146}Tb(23 s)	1579.4(100), 1078.6(51.6), 1417.2(17.2)
1972.0 *3*	12 *4*	^{146}Tb(8 s)	1059.3
1972.1 *15*	†0.6 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1972.2 *7*	0.033 *12*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1972.7 *5*	0.061 *17*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1972.7 *4*	0.24 *9*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1972.7 *4*	0.18 *9*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1972.7 *1*	1.02 *9*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
• 1972.77 *4*	0.097 *6*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1972.8 *16*	8.6 *15*	^{32}Na(13.2 ms)	885.4(60), 2151.3(32), 239.5(16.6)
1972.8 *3*	0.138 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1972.9 *2*	0.159 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1972.9 *5*	0.31 *3*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1973	1.1	^{50}K(472 ms)	1027(9.1), 4030(2.6), 4880(1.5)
1973	†45 *9*	^{51}K(365 ms)	1027(†130)
1973.0 *9*	0.035 *11*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1973 *1*	0.22 *4*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1973.1 *4*	0.0021 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1973.1 *4*	0.21 *10*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1973.3 *4*	0.64 *5*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1973.3 *10*	0.028 *11*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1973.3 *3*	0.0044 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1973.4 *4*	0.0011 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1973.4 *3*	0.14 *3*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1973.4 *15*	1.70 *19*	^{98}Rh(8.7 m)	652.43(94), 745.36(5.3), 1817.0(4.7)
1973.4 *2*	0.0138 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1973.5 *10*	0.00018 *10*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1973.5 *5*	0.041 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1973.59 *20*	0.48	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
• 1973.68 *6*	0.283 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1973.74	0.07	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1973.8 *2*	0.94 *10*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1973.8 *10*	†36.5 *13*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
1973.8 *3*	0.54 *8*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1973.8 *10*	0.289 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 1973.81 *4*	0.0532 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1973.9 *5*	0.016 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1973.91 *11*	1.25 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1974.00 *10*	0.110 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1974.0 *6*	0.7 *3*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
• 1974.00 *30*	0.0538 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1974.15 *10*	0.15	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1974.2 *6*	0.0066 *22*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1974.2 *3*	0.00030 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1974.26 *29*	0.101 *17*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1974.3 *3*	0.137 *20*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1974.3 *3*	0.0057 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1974.3		^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1974.3	0.14 *7*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1974.33 *12*	4.5 *10*	^{54}V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
1974.5 *5*	†9.0 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1974.6 *2*	0.039 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1974.67 *18*	0.0042 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1974.7 *11*	0.018 *9*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1974.72 *10*	1.22 *9*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1974.9 *9*	0.0012 *4*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1975.0 *10*	0.073 *13*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1975.1 *1*	0.147 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1975.5 *5*	0.39 *10*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1975.5 *4*	†1.7 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 1975.64 *2*	0.045 *6*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1975.66 *10*	0.24 *3*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1975.70 *10*	5.04 *17*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1975.75 *13*	1.21 *11*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1976.0 *10*	0.10 *8*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1976.0 *4*	0.078 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1976.00 *20*	3.9 *6*	^{123}Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
1976.00 *10*	2.2 *3*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1976.0 *2*	†0.23 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1976		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1976.38 *20*	0.055 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1976.41	0.07	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1976.44 *8*	0.95 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1976.6 *16*	0.137 *15*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
1976.6 *1*	0.39 *5*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1976.6	0.026 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1976.6 *4*	†14 *3*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
1976.7 *3*	0.016 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1976.7 *3*	0.82 *12*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1976.94 *2*	1.78 *10*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
1977.0	0.05 *4*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1977.0 *3*	0.44 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1977.1		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1977.3 *5*	>0.09	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1977.4 *3*	0.31 *4*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1977.4 *2*	0.216 *14*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1977.4 *4*	0.112 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 1977.4 *5*	0.031 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1977.4 *4*	0.016 *4*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1977.5 *4*	0.86 *9*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1977.7 *5*	0.038 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1977.75 *15*	1.76 *8*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1977.85 *15*	0.9	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1978.0 *8*	0.83 *25*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1978.0 *15*	0.026 *10*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1978 *2*	3.8 *8*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
1978.0 *10*	0.00040 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1978.1 *8*	10.4 *6*	^{30}Na(48 ms)	1482.1(42), 4966.3(6.8), 985.0(6.1)
1978.1 *8*	†22 *3*	^{31}Na(17.0 ms)	1482.1(†100), 1820.1(†20), 306.5(†13)
1978.1 *3*	†2.6 *5*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
1978.12 *20*	0.081 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1978.15 *4*	0.0472 *19*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1978.15 *15*	0.0057 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1978.2 *9*	0.026 *12*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1978.2 *9*	0.15 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1978.28 *15*	0.80 *5*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1978.28 *21*	†22 *5*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1978.3 *4*	0.014 *5*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1978.3 *6*	0.48 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1978.4	0.035	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1978.5 *3*	0.073 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1978.8 *1*	0.00087 *8*	^{144}Pr(17.28 m)	696.510(1.3), 2185.662(0.694), 1489.160(0.278)
1978.90 *20*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1978.9 *3*	1.3	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1979	0.014 *5*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1979.0 *20*	0.78 *12*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1979.1 *5*	0.67 *3*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1979.1 *5*	0.20 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1979.1 *5*	0.5 *3*	^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
1979.3 *3*	0.0019 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1979.5 *10*	0.099 *24*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1979.55 *12*	0.93 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1979.57 *11*	0.521 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1979.6 *3*	0.133 *20*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
1979.6 *2*	0.40 *5*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
1979.66 *22*	0.93 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1979.7 *5*	0.023 *6*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1979.8 *5*	0.058 *7*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1979.9 *8*	0.37 *4*	^{73}Zn(23.5 s)	218.1(6.00), 910.5(1.91), 495.6(1.48)
1980 *1*	†2.3 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1980.17 *5*	3.24 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1980.19 *8*	0.34 *2*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1980.2 *2*	0.0059 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1980.3 *3*	0.04 *1*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1980.4 *5*	0.22 *4*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1980.4 *4*	0.35 *6*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1980.4 *10*	0.34 *7*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 1980.5 *2*	0.157 *9*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1980.57 *38*	†1.7 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1980.8 *4*	0.08 *4*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1980.99 *15*	0.172 *12*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1981.0 *2*	1.35 *6*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1981.0 *4*	0.083 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1981.0 *5*	0.8	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1981.0 *10*	†0.47 *16*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1981.0 *3*	0.51 *5*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1981.12 *4*	0.005 *1*	^{52}V(3.75 m)	1434.068(100), 1333.649(0.588), 1530.67(0.116)
• 1981.12 *4*	†0.035 *2*	^{52}Mn(5.591 d)	1434.068(†100.0), 935.538(†94.9), 744.233(†90.6)
1981.27 *13*	3.01 *17*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1981.3 *3*	0.064 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1981.4 *8*	0.036 *13*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1981.5	100	^{24}F(0.34 s)	
1981.67 *8*	†1.12 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1981.7 *10*	1.2 *4*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1981.8 *3*	0.223 *25*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1981.9 *6*	0.028 *14*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1981.95 *9*	83.2 *22*	^{18}N(624 ms)	821.76(49.0), 1651.61(48.9), 2473.29(20.3)
1982.0 *5*	†1.51 *24*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1982 *1*	0.39 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1982.0 *5*	0.18 *7*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1982 *1*	0.22	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1982.14 *16*	1.20 *8*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1982.24 *17*	0.00518 *24*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1982.3 *6*	0.0092 *7*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1982.4 *2*	0.26 *4*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1982.4	0.014	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1982.5 *10*	0.058 *22*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
• 1982.5 *2*	0.0032 *10*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1982.5 *2*	0.247 *14*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1982.5 *1*	1.28 *18*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1982.5 *5*	0.40 *5*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
• 1982.6 *5*	0.0104 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1982.7 *5*	0.17 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1982.77 *18*	0.383 *10*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1983 *2*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1983.0 *5*	0.9	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1983.1	0.41	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1983.2 *9*	0.07 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1983.2 *1*	†0.45 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1983.2 *3*	0.00030 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1983.24 *8*	0.065 *6*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1983.3 *3*	0.245 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1983.4 *10*	†0.82 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1983.4 *5*	0.5	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1983.4	†8	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1983.4 *4*	†1.7 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1983.4 *7*	0.14 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1983.5 *3*	1.91 *23*	^{96}Sr(1.07 s)	122.297(76.50), 809.401(71.9), 931.7(11.8)
1983.5 *5*	0.38	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1983.8 *4*	1.19 *8*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1983.8 *5*	0.107 *18*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 1983.9 *5*	0.0255 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1984.0 *5*	0.85 *20*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1984.0 *3*	0.039 *10*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1984.0 *4*	†0.6 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
• 1984.1 *6*	0.036 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1984.3 *3*	0.70 *14*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1984.5 *5*	0.052 *10*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1984.54 *3*	0.681 *25*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1984.67 *14*	0.57 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1984.8 *3*	0.080 *13*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1984.9 *4*	0.34 *8*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1984.9 *5*	0.13 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1985.04 *29*	>0.0007	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
• 1985.08 *12*	0.100 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1985.1 *2*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1985.13 *28*	1.6 *6*	^{62}Co(1.50 m)	1172.9(84), 2301.8(14.7), 1128.9(11.1)
1985.13 *28*	0.0010 *3*	^{62}Cu(9.74 m)	1172.9(0.34), 875.68(0.150), 2301.8(0.0414)
1985.4 *3*	0.25 *4*	^{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: $E_\gamma(I_\gamma)$
• 1985.50 *30*	0.076 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1985.5		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1985.638 *8*	0.0118 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
• 1985.638 *8*	0.070 *3*	^{132}Cs(6.479 d)	667.718(98), 630.19(0.95), 505.79(0.73)
1985.8 *5*	0.23 *3*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1985.93 *17*	2.45 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1986.0 *4*	0.65 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1986.0 *3*	0.038 *4*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1986.1 *8*	†143 *36*	^{177}Re(14 m)	196.85(†1200), 79.65(†1010), 84.3(†890)
1986.2 *2*	0.18 *9*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1986.2 *5*	1.3 *5*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
1986.5 *10*	†0.53 *19*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1986.53 *5*	0.0367 *19*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1986.57 *7*	0.755 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 1986.7 *3*	0.067 *6*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1986.7 *2*	†17 *3*	^{181}Hg(3.6 s)	147.8(†100), 42.5(†25), 185.0(†11)
1986.8 *5*	0.31 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1986.8 *1*	12.4 *7*	^{108}In(39.6 m)	632.96(76), 3452.2(9.2), 1529.7(7.3)
1986.8 *3*	†1.6 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1986.9 *2*	4.5 *6*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1987.04 *10*	1.06	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1987.18	0.131 *20*	^{34}P(12.43 s)	2127.492(15.00), 4114.54(0.18), 4074.403(0.069)
1987.18	0.185 *6*	^{34}Cl(32.00 m)	2127.492(42.8), 1176.626(14.09), 3304.039(12.29)
1987.37 *15*	1.04 *6*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1987.4 *2*	0.24 *3*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
• 1987.4 *4*	0.0127 *19*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1987.4 *3*	5.0	^{207}Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
1987.4 *5*	0.78 *8*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1987.80 *7*	0.0265 *13*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1988.0 *1*	0.032 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 1988.02 *15*	0.023 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1988.12 *18*	0.67 *6*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1988.20 *15*	0.765 *25*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1988.20 *15*	0.049 *24*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1988.2 *10*	2.3 *5*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1988.2	0.7	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1988.4	1.97	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1988.44 *8*	0.0261 *4*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1988.44 *8*	0.00030 *10*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
1988.5 *1*	0.090 *10*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1988.70 *4*	0.0018 *5*	^{15}C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
1988.7 *1*	0.53 *6*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1988.7 *3*	0.20 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1988.70 *48*	†1.0 *2*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1988.73 *12*	0.0061 *21*	^{92}Y(3.54 h)	934.46(13.9), 1405.28(4.8), 561.03(2.40)
1989.10 *20*	0.0024 *6*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
1989.2 *6*	0.19 *6*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1989.2 *3*	0.145 *11*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1989.2 *7*	0.56 *6*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1989.3 *3*	0.28 *3*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1989.3 *7*	0.039 *11*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1989.3	0.0030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1989.3 *8*	0.09 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1989.4 *5*	0.71 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1989.4 *5*	0.90 *12*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1989.50 *15*	1.7 *3*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1989.5 *4*	0.056 *9*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1989.6 *4*	0.007 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1989.63 *8*	0.00104 *20*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1989.75 *20*	0.21 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1990.0 *9*	0.0078 *20*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1990.0	0.25 *5*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1990.0 *10*	0.11 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1990 *2*	>0.21	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1990.2 *5*	0.9	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1990.2 *5*	0.47	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1990.20 *21*	0.29 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1990.3 *10*	0.145 *15*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1990.5 *4*	0.088 *19*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1990.5 *3*	0.049 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1991 *2*	0.08 *3*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1991.0 *6*	0.039 *20*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1991.0 *10*	0.6	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1991.0 *3*	0.11 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1991.03	0.12	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1991.1 *5*	0.22 *9*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1991.1 *3*	0.019 *4*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1991.1 *1*	2.3 *4*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1991.16 *8*	0.112 *3*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1991.16 *8*	0.350 *21*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1991.21 *15*	0.23	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1991.23 *14*	1.18 *7*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1991.5 *10*	0.30 *5*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1991.8 *3*	0.167 *23*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1991.8 *10*	0.060 *7*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1991.8	0.035 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1991.9 *6*	0.124 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1992.0 *5*	0.19	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1992.0 *5*	0.06	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1992.0 *2*	0.30 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1992.1 *4*	0.68 *9*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1992.1 *3*	0.208 *10*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1992.2 *2*	0.218 *12*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1992.2 *7*	0.0044 *22*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1992.2 *5*	0.075 *13*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1992.49 *9*	0.229 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1992.5 *4*	0.044 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1992.5	0.018 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1992.5 *5*	†4.8 *4*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
1992.7 *4*	0.59 *5*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
• 1992.7 *5*	0.0179 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1992.7 *6*	†0.16 *2*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1992.7 *2*	0.50 *3*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1992.8	0.07	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1993.03 *14*	2.08 *14*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1993.3	0.053 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1993.4 *13*	0.04 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1993.5 *3*	0.70 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1993.5 *8*	0.18 *8*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1993.5 *8*	0.16 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1993.6 *4*	1.19 *10*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1993.6 *3*	†2.2 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1993.7 *5*	0.089 *18*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1993.8 *8*	4.2 *3*	^{72}Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
1993.8 *1*		^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1993.8 *3*	0.0059 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1993.8 *10*	0.07 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1993.82 *73*	0.012 *6*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1993.92 *16*	†0.71 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1994.0 *3*	0.20 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1994.0 *3*	†0.85 *16*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1994.19 *23*	0.278 *17*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1994.2 *4*	0.084 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1994.2 *4*	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1994.3 *3*	†2.2 *5*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
• 1994.36 *6*	0.149 *9*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1994.40 *10*	0.68 *3*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1994.4 *10*	0.27 *7*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1994.4	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1994.41 *21*	0.26 *3*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1994.5	0.07 *5*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1994.7 *3*	0.012 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1994.7	†11	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1994.7 *2*	0.112 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1994.7 *5*	0.057 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1994.7 *15*	0.005 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1994.8 *6*	9.4 *14*	^{35}Si(0.78 s)	4100.7(36.5), 3859.5(32.7), 2386.3(31.6)
1994.8 *3*	0.46 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1994.8 *3*	0.34 *4*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1995.0 *8*	0.043 *22*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1995.0 *10*	0.1	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1995.06 *17*	1.22 *6*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
1995.138 *44*	0.0893 *22*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
• 1995.2 *2*	0.265 *12*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1995.2 *2*	0.108 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1995.23 *16*	3.28 *11*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1995.5 *2*	4.0 *4*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1995.6 *5*	0.29	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1995.6 *5*	0.083 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1995.75 *30*	0.081 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1995.76 *17*	0.0255 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1995.8 *3*	1.59 *10*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
1995.87 *8*	1.35 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1995.87 *8*	0.0050 *8*	^{78}Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
1995.97 *10*	0.136 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1996.0 *10*	0.028 *11*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1996.0 *5*	†0.27 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1996.0 *15*	0.28 *5*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1996.1 *2*	0.022 *4*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1996.10 *15*	0.0077 *10*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1996.16 *20*	0.92 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1996.25 *15*	3.3 *9*	^{166}Lu(2.12 m)	1427.18(23.0), 2098.6(16.1), 1256.64(15.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1996.4 *4*	0.039 *24*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1996.4 *7*	2.83 *13*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1996.5 *5*	3.8	^{51}Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
1996.5 *2*	0.047 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1996.5 *10*	1.6 *6*	^{98}Cd(9.2 s)	347.18(78), 1176.1(66.3), 107.28(43.7)
1996.6 *3*	7.4 *4*	^{97}Y(3.75 s)	3287.6(18.1), 3401.3(14.1), 2743.1(6.5)
1996.6	0.035	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1996.61 *9*	7.5 *5*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1996.7 *5*	†0.16 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1996.7 *4*	0.0010 *4*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1996.9 *2*	0.83 *9*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
• 1997.00 *4*	7.2 *4*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1997	†4	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1997.04 *7*	0.93	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1997.09 *10*	3.90 *19*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1997.1 *2*	0.55 *6*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1997.1 *5*	0.28 *6*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1997.3 *7*	0.00390 *12*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
1997.3 *3*	1.18 *3*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
1997.3 *3*	0.17 *4*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
1997.33 *3*	26	^{117}Cd(3.36 h)	1065.98(23.1), 564.397(14.7), 1432.91(13.4)
1997.39 *4*	2.11 *9*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1997.4 *5*	2.1 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1997.4 *3*	0.75 *19*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1997.8 *6*	0.059 *19*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1997.8 *7*	0.37 *10*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1998.0 *5*	1.0 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1998.0 *4*	0.37 *8*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
• 1998.00 *15*	0.088 *12*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1998.1 *3*	0.0044 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1998.1 *1*	†0.45 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1998.1 *8*	†10.8 *22*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
1998.34 *19*	0.167 *11*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1998.36 *20*	0.109 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1998.38 *6*	0.46 *3*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1998.4 *5*	0.022 *9*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
• 1998.4 *5*	0.018 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1998.46 *15*	0.033 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1998.6 *5*	0.119 *22*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1998.6 *5*	†0.15 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1998.82 *63*	0.09 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1999.0 *7*	0.18 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1999.0 *20*	0.057 *5*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1999.1 *5*	0.77 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1999.1 *5*	0.10	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1999.20 *10*	0.48 *3*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1999.3 *2*	0.40 *4*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1999.3 *5*	0.24 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1999.3 *3*	0.078 *17*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1999.3 *5*	0.0016 *5*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1999.3	0.15 *9*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1999.4 *4*	0.18 *10*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1999.66 *46*	0.08 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1999.7 *6*	0.028 *6*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1999.7 *4*	0.0008 *3*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1999.8 *8*	0.13 *4*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1999.9 *3*	0.211 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2000.0 *10*	0.28	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2000.10 *3*	0.561 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
2000.1 *5*	0.24 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
2000.3 *2*	0.0178 *19*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2000.3 *5*	0.00012 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2000.4 *5*	0.0069 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2000.4 *3*	0.20 *3*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2000.4 *5*	0.019 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2000.4 *3*	0.23 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2000.45 *12*	0.14 *3*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2000.6 *11*	0.216 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2000.6 *3*	0.120 *8*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
2000.61 *15*	0.185 *17*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2000.65 *10*	1.9 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
2000.7 *3*	0.404 *22*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
2000.7 *1*	0.373 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2000.7 *5*	0.8	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2000.8	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2000.9 *8*	0.0037 *9*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
2000.9 *1*	0.36 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
• 2000.94 *6*	2.63 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
2000.94 *50*	0.0011 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
2001.0 *5*	0.26 *7*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
2001.1 *9*	0.0371 *19*	^{51}Mn(46.2 m)	749.07(0.26), 1148.01(0.078), 1164.40(0.076)
2001.1 *4*	0.0005 *3*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2001.2 *4*	0.27 *6*	^{123}In(5.98 s)	1130.5(63), 1019.7(32), 618.8(2.6)
2001.2 *1*	1.39 *20*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2001.3 *5*	0.11 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2001.3 *5*	0.178 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2001.52 *65*	0.015 *16*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2001.6 *9*	0.036 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2001.6 *5*	0.029 *11*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2001.6 *7*	0.97 *20*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
2001.7 *2*	0.109 *10*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
2001.86 *2*	0.000019 *10*	^{15}C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
2001.9 *3*	0.071 *16*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2002.0 *3*	0.027 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
• 2002.086 *16*	0.043 *6*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
• 2002.147 *18*	1.92 *7*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
2002.2 *5*	1.14 *8*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2002.3 *10*	0.067 *8*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2002.43 *16*	0.147 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2002.5 *10*		^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
2002.5 *1*	†0.45 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2002.54 *17*	0.127 *20*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
2002.7 *3*	0.90 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2002.9 *5*	0.25 *5*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2003.1 *10*	0.0036 *4*	^{47}V(32.6 m)	1793.9(0.19), 159.369(0.107), 244.4(0.094)
2003.13 *20*	0.079 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2003.2 *15*	0.036 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2003.3 *4*	0.186 *24*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 2003.3 *5*	0.0037 *16*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
2003.4 *5*	5.4 *5*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
2003.4 *5*	†1.2 *3*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2003.4 *3*	0.0066 *12*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2003.4 *3*	0.017 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2003.4 *10*	0.027 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2003.4 *3*	0.013 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2003.48 *20*	18.4 *5*	^{62}Co(13.91 m)	1172.9(97), 1163.4(67.3), 1718.6(6.7)
2003.9 *6*	1.9	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2003.91 *8*	0.36 *2*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
2004	†8.0	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2004.0 *10*	0.37	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2004.1 *9*	0.04 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
• 2004.1 *2*	0.019 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2004.2 *9*	0.90 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2004.4	0.17 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2004.4	0.13 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2004.5 *6*	0.051 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2004.5 *4*	0.16 *8*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2004.5 *10*	0.0030	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2004.52 *40*	0.066	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2004.6 *2*	>0.49	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2004.69 *10*	0.0036 *4*	^{110}Ag(24.6 s)	657.7622(4.5), 815.35(0.0382), 1125.700(0.0153)
• 2004.69 *10*	0.00103 *19*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
2004.75 *14*	5.36 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
2004.8 *3*	0.89 *9*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
2004.8 *2*	0.23 *6*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
2005.0 *4*	0.0028 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
2005.2 *7*	0.12 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2005.2 *6*	0.11 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2005.25 *32*	†5.2 *6*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
2005.3 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
2005.3 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2005.3 *7*	†0.22 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2005.33 *9*	3.37 *22*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
2005.5 *5*	0.244 *14*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2005.52 *7*	5.3 *4*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2005.6 *1*	3.0 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2006 *1*	2.2 *3*	^{72}Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
2006.00 *14*	0.117 *19*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2006.0	0.23	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2006.0 *8*	0.5 *1*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
2006.0 *6*	0.119 *12*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2006.2 *4*	0.0022 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
2006.2 *3*	1.8 *4*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2006.5 *5*	0.73 *20*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
2006.5 *3*	1.58 *7*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2006.6 *3*	0.112 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2006.6 *3*	0.080 *13*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2006.7 *6*	0.026 *3*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
2006.72 *13*	0.50 *3*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2006.8 *4*	0.112 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2007.0 *10*	0.24 *4*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2007.1 *5*	3.0 *3*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2007.1 *6*	0.11 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
• 2007.3 *5*	0.0125 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2007.4 *5*	3.6 *3*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
2007.50 *13*	0.58 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2007.56 *6*	2.38 *17*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
2007.6 *3*	0.014 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2007.6 *1*	0.112 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2007.8 *9*	1.17 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2007.9 *1*	0.78 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2007.9 *4*	0.0057 *17*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
2008 *10*	0.0099 *6*	^{47}V(32.6 m)	1793.9(0.19), 159.369(0.107), 244.4(0.094)
2008.00 *4*	0.229 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2008 *2*	3.7 *9*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
2008.01 *40*	0.104 *17*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2008.1 *6*	4.3 *3*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2008.1 *5*	6.2 *8*	^{120}In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
2008.35 *8*	0.0045 *5*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
2008.4 *3*	0.21 *3*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
2008.5	0.026 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2008.6 *2*	0.32 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2008.7 *6*	0.26 *7*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
2008.78 *9*	0.406 *23*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2008.87 *10*	0.032 *8*	^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
2009.0 *4*	0.004 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2009.0 *3*	†1.76 *14*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2009.08 *15*	0.27 *4*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
2009.3 *13*	0.04 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2009.5 *2*	3.4 *4*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
2009.5 *3*	2.4	^{207}Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
2009.6 *4*	0.50 *4*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2009.6 *5*	0.079 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2009.7 *6*	0.006 *4*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2009.76 *24*	0.095 *13*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2009.9 *10*	1.04 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 2010	0.000013 *10*	^{46}Sc(83.79 d)	1120.545(99.987), 889.277(99.984)
2010 *30*	6.9 *20*	^{210}Tl(1.30 m)	799.7(99), 298(79), 1316(21)
2010.1 *12*	0.41 *14*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
2010.1 *2*	0.074 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2010.2 *10*	0.034 *6*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
2010.28 *15*	†3.4 *7*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
2010.3 *6*	0.52 *10*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
2010.3 *4*	†0.61 *17*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
2010.5 *7*	0.13 *5*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2010.6 *3*	10.2 *5*	^{86}Se(15.3 s)	2441.1(43.0), 2660.0(21.6), 48.3(15.4)
2010.7 *5*	0.19 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
2010.71 *15*	0.050 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2010.80 *25*	0.120 *17*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2010.9 *5*	0.4 *4*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
2010.92 *15*	0.0118 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2011.0 *3*	0.007 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
2011.1 *5*	0.120 *19*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2011.1 *10*	0.0043 *22*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
• 2011.1 *2*	0.165 *9*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2011.3 *6*	0.38 *6*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2011.3 *25*	3.7 *4*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
2011.4 *5*	0.0107 *16*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2011.4 *5*	0.036 *5*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2011.4 *6*	1.8	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 2011.47 *25*	0.62 *6*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2011.5 *20*	†0.63 *25*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
2011.5 *5*	0.11 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2011.6 *2*	4.4 *3*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
2011.68 *19*	0.229 *22*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2011.7 *3*	>0.16	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
2011.88 *10*	2.88 *11*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
2011.9 *10*	†2.8 *4*	^{93}Tc(43.5 m)	2644.55(†42.7), 943.33(†8.7), 3129.0(†6.4)
2011.95 *11*	1.28 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2012.23 *10*	1.57 *10*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2012.3 *4*	0.25 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2012.30 *20*	0.43 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2012.4 *5*	0.36 *10*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2012.49 *8*	0.109 *22*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
2012.6 *8*	†10.3 *21*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
2012.9 *5*	0.38	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
2013.0 *5*	†0.60 *15*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2013	†3	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
2013.04 *12*	1.26 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2013.05 *30*	0.12	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2013.1 *3*	0.35 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
• 2013.2 *4*	0.318 *20*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
2013.25 *6*	3.14 *11*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
2013.3 *2*	3.7 *4*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2013.3 *1*	0.0285 *12*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2013.34 *22*	†3.90 *17*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
2013.4 *5*	0.016 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
2013.45 *18*	93	^{47}K(17.5 s)	586.01(79.7), 564.79(13.27), 2578.26(5.60)
2013.5 *3*	0.27 *4*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2013.5 *3*	0.053 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
2013.7 *10*	0.40 *10*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
2013.7 *5*	0.75 *8*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
2014.0 *4*	0.37 *4*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2014.00 *30*	0.033 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 2014.06 *9*	0.032 *4*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2014.1 *3*	0.284 *22*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
2014.1 *10*	0.09	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2014.1 *5*	0.048 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 2014.24 *19*	1.122 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
2014.4 *6*	0.031 *6*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
2014.4	0.014	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
2014.4 *15*	0.083 *16*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2014.50 *8*	1.29 *8*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2014.6 *4*	†0.44 *11*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
2014.7 *6*	0.035 *5*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
2014.75 *15*	0.89 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2014.9 *7*	0.059 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
• 2014.98 *15*	0.046 *3*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
• 2015 *1*	0.009	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2015.0	†2.7	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
2015.0		^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2015.1 *7*	0.15 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2015.11 *17*	0.174 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 2015.17 *8*	0.057 *6*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
• 2015.181 *16*	3.08 *3*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
2015.27 *9*	†0.25 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2015.3 *5*	0.18 *10*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
2015.4 *1*	1.44 *22*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2015.5 *4*	0.10	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2015.6 *5*	2.1 *5*	^{98}Y(2.0 s)	1223.0(80), 620.505(63), 647.58(53)
2015.6 *3*	0.90 *14*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
2015.7 *1*	1.78 *18*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2015.75 *12*	1.12 *7*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2015.82 *14*	12.25 *25*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
2016.0 *8*	10 *5*	^{62}Mn(0.88 s)	876.8(90), 942.1(26), 1299.0(25)
2016 *1*	0.004 *1*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
2016.0 *4*	0.22 *8*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2016 *1*	0.044 *22*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
2016 *2*	0.299 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2016.0 *6*	0.79 *10*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2016.25 *4*	0.0118 *14*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
2016.25 *10*	0.71 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2016.3 *8*	0.29 *10*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
2016.3 *6*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2016.5 *3*	0.012 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
2016.5 *3*	0.079 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2016.5 *10*	0.101 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2016.53 *21*	0.218 *16*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2016.6 *3*	0.084 *8*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2016.6 *3*	0.94 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2016.7 *5*	0.46 *4*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
2016.76 *13*	0.78 *5*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2016.8 *4*	†3.0 *8*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
2016.9 *6*	0.096 *15*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2016.9 *3*	0.19 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
2016.9 *3*	0.7	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2016.9 *3*	1.28 *13*	^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
2017.0 *3*	0.76 *7*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2017.0 *6*	0.7 *3*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
2017.1 *6*	0.132 *16*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
2017.1 *4*	†1.7 *1*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
• 2017.4	0.024	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2017.45 *9*	0.299 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2017.5 *3*	0.13	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
2017.6 *10*	0.20 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2017.67 *7*	0.038 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2017.8 *8*	0.041 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2017.9 *4*	2.8 *11*	^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
2017.9 *3*	0.45 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2017.96 *9*	0.046 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
2018.23 *11*	1.36 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2018.3 *10*	†0.8 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
2018.3 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 2018.40 *27*	0.015 *4*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2018.45 *16*	0.30 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
2018.85 *5*	0.052 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2018.87 *7*	1.40 *7*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2018.9 *2*	0.21 *5*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2019 *1*	0.34 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
2019	†0.6 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2019	†7	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
2019.2 *4*	†0.24 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2019.23 *20*	1.48 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2019.5 *9*	0.13 *6*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
2019.60 *15*	0.095 *17*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
• 2019.70 *30*	0.060 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2019.92 *20*	0.31 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2020.0	0.27	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2020 *1*	0.09 *3*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
2020.08 *16*	0.224 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2020.1 *1*	0.0069 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2020.29 *11*	0.15 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2020.3 *3*	17.2 *17*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
2020.4 *2*	0.037 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
2020.45 *12*	0.0283 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
2020.5 *10*	0.64 *10*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
2020.6	5.1 *3*	^{36}P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
2020.6 *15*	0.007 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2020.6 *3*	0.172 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
2020.70 *10*	0.047 *6*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
2020.71 *5*	0.70 *5*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
2020.71 *5*	1.26 *10*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
• 2020.75 *6*	0.029 *4*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
2020.76 *25*	0.15 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2020.8 *4*	0.10 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 2021 *2*	>0.006	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2021.04 *15*	0.245 *20*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2021.1	0.10	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
2021.1 *4*	0.11 *1*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2021.16 *15*	1.1 *3*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
2021.3 *2*	22.6 *15*	^{119}Cd(2.20 m)	1025.0(24.8), 720.7(17.9), 1203.7(13.4)
2021.3 *3*	0.174 *15*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
2021.3 *10*	0.103 *22*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2021.4 *4*	†11 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
2021.5	0.38	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
2021.5 *10*	†>0.14	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2021.5 *7*	1.07 *11*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2021.7 *12*	†3.6 *24*	^{71}Cu(19.5 s)	489.7(†100), 595.2(†30.5), 586.5(†30.2)
2021.7 *20*	0.105 *8*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2021.8 *4*	0.101 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2021.8 *3*	0.020 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2022.0 *3*	0.40 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
2022.03 *20*	0.017 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2022.1 *5*	0.07 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2022.2 *11*	3.8 *4*	^{31}Na(17.0 ms)	2243.9(10.4), 171.1(4.8), 623.5(3.2)
2022.3 *4*	1.15 *13*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2022.4 *5*	0.092 *14*	^{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: $E_\gamma(I_\gamma)$
2022.4 *1*	4.2 *6*	^{181}Au(11.4 s)	198.60(4.4), 79.40(4.2), 94.00(3.7)
2022.5 *3*	0.091 *19*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
2022.5 *4*	0.15 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2022.5 *3*	†10.0 *11*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
2022.53 *13*	1.02 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2022.53 *15*	0.00162 *10*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
2022.6 *3*	0.11 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2022.6 *9*	0.14 *6*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2022.6 *15*	0.021 *6*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2022.7 *6*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2022.75 *20*	†19 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2022.8 *5*	0.104 *13*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
• 2022.80 *20*	0.0129 *20*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
2023.0 *2*	0.25 *5*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
2023.05 *10*	0.149 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2023.16 *30*	0.4	^{49}K(1.26 s)	4272(1.76), 2249(1.54), 4072(0.2)
2023.16 *30*	†100	^{50}K(472 ms)	4072(†100), 3351(†100)
2023.16 *18*	0.0104 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2023.3 *8*	0.4 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
2023.4 *2*	0.78 *20*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
2023.4 *2*	†3	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
2023.4 *8*	0.02 *1*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
2023.6 *2*	0.45 *6*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2023.8 *6*	0.77 *5*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2023.86 *26*	0.0022 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
2023.9 *4*	0.12 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2023.93 *20*	0.118 *15*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
• 2023.99 *13*	0.54 *4*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
2024.1 *3*	0.44 *6*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2024.33 *2*	0.73 *12*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
2024.4 *8*	0.075 *13*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
2024.4	0.014 *8*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2024.4 *6*	0.196 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2024.5	0.05 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2024.6 *3*	1.98 *19*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
2024.6 *3*	0.049 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2024.7 *4*	†0.13 *7*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
• 2024.9 *3*	0.056 *6*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
2025.1 *5*	0.056 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2025.3 *10*	0.55 *8*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
2025.36 *15*	†16 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 2025.46 *11*	0.115 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2025.5 *8*	0.34 *10*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
2025.5 *10*	1.00 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2025.6 *2*	0.081 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2025.6 *7*	0.25 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 2025.75 *30*	0.0560 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2025.85 *30*	0.37 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2026.0 *6*	0.030 *6*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
2026.0 *21*	0.054 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2026.0 *7*	0.34 *10*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2026.06 *11*	0.023 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2026.2	0.45 *7*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
2026.2	0.049	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2026.28 *13*	0.0226 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
2026.5 *5*	0.26 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2026.6 *3*	1.40 *18*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
2026.6 *7*	0.15 *5*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
2026.6 *24*	0.15 *6*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
2026.65	0.0068 *8*	^{33}Cl(2.511 s)	840.989(0.524), 1967.12(0.458), 2867.59(0.440)
• 2026.65 *11*	3.272 *16*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2026.78 *18*	0.187 *18*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2026.8 *3*	0.056 *6*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2026.8 *4*	1.2 *3*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
2026.88 *25*	0.23 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2026.9 *5*	0.81 *19*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
2026.9 *3*	0.71	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
2027.0 *6*	0.20 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2027.2 *4*	0.80 *6*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
• 2027.20 *30*	0.164 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2027.2 *6*	0.013 *4*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2027.3 *3*	0.048 *5*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2027.5 *27*	0.9	^{51}Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
2027.5 *3*	0.024 *6*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
2027.7 *5*	0.46	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
2027.8 *1*	0.148 *11*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2027.89 *14*	0.143 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2027.97 *15*	0.140 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2028.1 *9*	0.25 *5*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
2028.1 *9*	0.103 *17*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
2028.1 *8*	†6.4 *13*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
2028.12 *6*	3.7 *2*	^{29}Al(6.56 m)	1273.367(90.6), 2425.907(5.7), 1152.593(0.88)
2028.12 *6*	0.063 *3*	^{29}P(4.140 s)	1273.367(1.549), 2425.907(0.097), 1152.593(0.0150)
2028.2 *3*	0.46 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2028.2 *3*	>0.46	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2028.2 *2*	1.31 *12*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2028.2 *7*	0.062 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
2028.3 *2*	0.75 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2028.3 *3*	0.39 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2028.34 *10*	3.5 *3*	^{130}In(0.32 s)	1905.17(74), 129.80(61), 1221.24(60)
2028.34 *10*	12.9 *7*	^{130}In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
2028.47 *8*	0.633 *19*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2028.5 *7*	†0.21 *2*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2028.5 *10*	0.076 *12*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2028.6 *2*	0.49 *3*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2028.7 *9*	0.35 *6*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2028.8 *4*	0.11 *5*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2028.8	†1.3	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
2028.9 *5*	†2.0 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
2028.9 *2*	0.35 *6*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
2029.1 *6*	3.7 *3*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
2029.191 *44*	0.0393 *10*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2029.3 *4*	0.00042 *19*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
2029.30 *17*	†5.4 *10*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2029.33 *10*	1.55 *9*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2029.39 *8*	0.00116 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2029.4 *5*	0.123 *6*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
2029.4 *5*	1.01 *23*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2029.4	†2.0 *3*	^{93}Tc(43.5 m)	2644.55(†42.7), 943.33(†8.7), 3129.0(†6.4)
2029.4 *5*	0.0019 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
2029.5 *4*	2.80 *22*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
2029.5 *5*	†0.6 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2029.5		^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2029.5 *3*	0.55 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
2029.60 *20*	0.224 *20*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
2029.6 *5*	2.1 *4*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
2029.6 *3*	2.53 *15*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
2029.6 *3*	†0.99 *10*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2029.70 *20*	0.61 *4*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2029.71 *8*	0.0327 *23*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
2029.82 *7*	1.75	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2029.84 *3*	4.53 *9*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
2030 *1*	1.6 *6*	^{98}Cd(9.2 s)	347.18(78), 1176.1(66.3), 107.28(43.7)
• 2030.00 *6*	0.676 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2030.02 *12*	†2.54 *23*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
2030.14 *8*	0.064 *20*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
• 2030.15 *20*	0.287 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2030.2 *9*	0.06 *4*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
2030.2 *2*	0.0051 *5*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
2030.3 *1*	0.0171 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2030.4 *3*	0.098 *16*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2030.5 *10*	0.009 *4*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
2030.5 *5*	0.121 *20*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
2030.53 *2*	0.000058 *12*	^{15}C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
2030.6	0.028	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
2030.8 *5*	0.09 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2030.81 *16*	0.99 *6*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2031 *1*	0.23 *9*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
• 2031	0.0059 *15*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
2031.1 *4*	0.96 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2031.17 *20*	1.17 *11*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
2031.23	2.9 *4*	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
2031.4 *5*	0.24 *5*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2031.5	0.47 *7*	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2031.5 *12*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
2031.6 *10*	0.14 *14*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
2031.7 *8*	0.0040 *16*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
• 2031.70 *20*	0.365 *11*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2031.8 *4*	0.129 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2031.9 *3*	0.101 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2031.9 *14*	0.11 *6*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2031.9 *5*	0.285 *15*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2032.0 *2*	1.14 *8*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
2032.0	†2.0	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2032.11 *5*	6.9 *4*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
• 2032.15 *21*	0.0086 *13*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2032.31 *16*	0.38 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
2032.49 *11*	0.0010 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2032.5 *8*	0.42	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
• 2032.51 *12*	0.131 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2032.6 *3*	0.42 *7*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2032.64 *38*	†2.6 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2032.79 *15*	0.45	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2033 *1*	0.040 *9*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
2033.2 *5*	0.036 *7*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
2033.3 *3*	0.022	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2033.46 *8*	0.97 *7*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2033.6 *2*	1.16 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2033.6	0.14	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
2033.7 *10*	0.77 *8*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2033.8 *3*	†3.2 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2033.95 *24*	0.67 *11*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
2034	†0.7	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2034.0		^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
2034 *3*	0.045 *18*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2034.21 *17*	†19 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
2034.3	0.04 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2034.49 *13*	0.360 *24*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2034.5 *15*	†2.1 *11*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2034.6 *2*	†0.44 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
• 2034.755 *13*	7.88 *7*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
2034.8 *7*	2.7 *6*	^{29}Mg(1.30 s)	2223.9(38), 1397.9(17.3), 960.3(15.8)
2034.8	0.17 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2034.8 *5*	0.170 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2034.9 *7*	0.070 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2035.0 *8*	0.039 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2035.17 *25*	0.45 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
2035.17 *25*	2.2 *2*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
2035.26 *7*	1.81 *10*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2035.3 *4*	0.71 *9*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2035.4 *3*	1.27 *18*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2035.411 *18*	3.74 *10*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
2035.42 *15*	0.077 *8*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2035.60 *23*	†16 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2035.7 *3*	0.40 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
2035.7 *3*	0.23 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
2035.8 *10*	0.082 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2035.97 *30*	0.12	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2036.0 *5*	†0.4 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2036.0 *3*	0.82 *12*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2036.0 *3*	2.85 *19*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
2036.1 *3*	0.37 *5*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2036.2 *4*	0.16 *4*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2036.2 *3*	0.019 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2036.2 *4*	0.74 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2036.5 *9*	0.43 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2036.5 *8*	0.29 *10*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
2036.6 *4*	0.11 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2036.6 *9*	0.07 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2036.7 *3*	0.21 *4*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2036.7	0.33	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
2036.8 *5*	3.0 *7*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2036.8 *5*	1.2 *3*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2036.8 *12*	0.019 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2037.0 *8*	0.07 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 2037.0 *3*	†0.031 *21*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
2037.3 *5*	0.23 *8*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
2037.39 *10*	0.076 *8*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2037.40 *10*	0.53 *5*	^{91}Tc(3.3 m)	502.90(51.4), 927.60(3.79), 1328.40(2.55)
2037.5 *8*	0.21 *6*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
2037.6 *4*	50 *3*	^{52}Fe(45.9 s)	929.5(100), 869.9(93), 621.7(51)
2037.6 *4*	0.24 *3*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
• 2037.6 *2*	0.063 *6*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2037.76 *5*	0.061 *3*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
2037.8 *3*	2.81 *21*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
2038.0 *2*	†0.0081 *10*	^{52}Mn(21.1 m)	1434.068(†101.7), 1727.53(†0.224), 1530.67(†0.0478)
2038.1 *3*	0.059 *5*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2038.10 *11*	0.049 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2038.1 *3*	0.0030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2038.2 *3*	0.184 *19*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 2038.3 *3*	0.339 *18*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
• 2038.3 *2*	0.0029 *5*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
2038.4 *5*	0.21 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
2038.5 *5*	0.128 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2038.5 *3*	0.25 *4*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
2038.61 *15*	0.098 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2038.7 *8*	0.95 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2039.0 *2*	0.40 *4*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2039.1 *2*	9.2 *4*	^{93}Ru(10.8 s)	1396.2(39), 1111.2(26.2), 928.3(1.66)
2039.1 *4*	0.078 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2039.25 *25*		^{131}Sn(56.0 s)	3267.5, 2470.5, 1787.47
2039.25 *25*	†4.2 *10*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
• 2039.299 *30*	0.068 *10*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
2039.3 *13*	0.08 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2039.36 *24*	0.39 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2039.4 *2*	†4.3 *7*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
2039.5 *10*	0.018 *10*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2039.5 *5*	0.25 *3*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
2039.56 *5*	0.0319 *24*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2039.8 *10*	1.86 *17*	^{120}In(3.08 s)	1171.3(19), 703.8(1.42), 2390.2(1.14)
• 2040.00 *15*	0.305 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2040.10 *23*	0.16 *6*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2040.2 *2*	8.4 *9*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2040.4 *4*	0.31 *3*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2040.53 *77*	0.19 *6*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2040.6 *3*	0.36 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2040.70 *25*	0.33 *5*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2040.76 *16*	0.032 *5*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
• 2040.76 *25*	0.49 *4*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2040.79 *14*	0.80 *8*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2040.8 *2*	0.20 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
2040.8 *1*	0.0069 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
2040.9 *20*	0.07 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2041	†0.8	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2041 *1*	†2.9 *3*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
2041.1 *3*	0.055 *7*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2041.2 *5*	0.032 *10*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
2041.24 *5*	2.11 *11*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2041.3 *1*	1.67 *9*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
2041.5 *5*	0.043 *7*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2041.5 *5*	0.34 *3*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
2041.52 *15*	0.89 *4*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
2041.62 *9*	0.56 *3*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2041.7 *2*	0.0060 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
2041.8 *2*	0.62 *5*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
• 2041.88 *10*	1.434 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 985.10(0.896)
2041.9 *3*	0.54 *8*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
2041.91 *10*	1.95 *10*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2042.0 *11*	0.016 *5*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2042.0 *10*	0.0043 *22*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
2042.2 *5*	0.46 *11*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2042.2 *11*	0.022 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2042.3 *15*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
2042.4 *6*	0.17 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2042.4 *7*	0.042 *10*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
2042.6 *2*	0.73 *5*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2042.60 *53*	0.18 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2042.6 *3*	0.13 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2042.7 *6*	0.045 *6*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
2042.7 *5*	0.035 *12*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2042.8 *2*	0.058 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
2042.90 *5*	3.48 *8*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
2042.90 *5*	0.10 *3*	^{118}In(5.0 s)	1229.68(5.0), 528.83(0.7), 1173.59(0.43)
2042.90 *5*	0.007 *5*	^{118}Sb(3.6 m)	1229.68(2.5), 1267.23(0.511), 528.83(0.472)
2042.90 *5*	0.020 *10*	^{118}Sb(5.00 h)	1229.68(100), 253.68(99), 1050.69(97)
2042.9 *1*	0.049 *10*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2042.9 *3*	†2.2 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2043 *1*	0.00025 *8*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
2043.1 *1*	1.31 *23*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
2043.1 *1*	1.68 *25*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2043.4 *4*	0.58 *13*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
2043.5 *10*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2043.5 *10*	0.71 *7*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2043.6 *5*	0.13 *5*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2043.6 *3*	0.0018 *4*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2043.67 *5*	0.0071 *4*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 2043.67 *5*	3.54 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2043.77 *10*	1.67 *14*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
2043.82 *17*	0.304 *24*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2043.9 *6*	>0.08	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
2044 *1*	0.06	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
2044.09 *7*	0.698 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2044.1 *3*	0.152 *13*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2044.1 *2*	†0.23 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2044.3 *3*	0.072 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2044.4 *2*	0.61 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2044.4 *23*	†2	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
2044.4	0.10	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
2044.6 *3*	1.06 *16*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
2044.6 *4*	0.11 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
• 2044.6 *5*	0.0050 *25*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
2044.65	25.4 *15*	^{40}Sc(182.3 ms)	3736.50(100), 754.73(41), 1876.78(24.9)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2044.7	0.015 *7*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2044.87 *15*	1.4	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
• 2044.98 *18*	0.036 *4*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
2045	†0.41	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2045.0 *2*	0.081 *19*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2045 *1*	†1.35 *19*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
• 2045.17 *2*	0.0046 *3*	^{126}I(13.11 d)	666.331(33.1), 753.819(4.16), 1420.17(0.295)
2045.3 *3*	0.42 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2045.88 *3*	0.88 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
2046 *1*	0.97 *11*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
2046.1 *10*	0.178 *15*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2046.14 *11*	0.071 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2046.2 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
2046.2 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2046.21 *26*	0.134 *22*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2046.3 *2*	0.00027 *5*	^{144}Pr(17.28 m)	696.510(1.3), 2185.662(0.694), 1489.160(0.278)
2046.32 *25*	5.5 *5*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
2046.4 *8*	0.0037 *11*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2046.4	0.35 *5*	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2046.47 *15*	0.263 *20*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 2046.5 *5*	0.0260 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2046.6 *3*	0.065 *5*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2046.8 *6*	0.13 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2047.00 *14*	0.35 *3*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
2047.0 *14*	0.05 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2047.28 *15*	0.088 *11*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
2047.4 *4*	0.38 *13*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
2047.5 *10*	0.40 *13*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
2047.5 *3*	0.0028 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 2047.55 *15*	0.0106 *25*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
2047.58 *25*	0.264 *19*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2047.6 *4*	0.32 *6*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2047.62 *22*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
2047.72 *24*	0.83 *21*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2047.8 *10*	1.5 *4*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
2047.8 *12*	0.115 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2047.8 *10*	2.23 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 2047.81 *15*	0.095 *3*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
2047.9 *4*	0.0501 *17*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
2048 *2*	0.32	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2048		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
2048.01 *17*	0.114 *10*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2048.1 *8*	0.0011 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
2048.10 *25*	0.384 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2048.3 *4*	3.1 *3*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
2048.4 *7*	0.110 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2048.5 *4*	0.037 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2048.5 *5*	0.053 *14*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2048.73 *10*	1.77 *10*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
• 2048.99 *8*	0.078 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2049.0 *15*	0.026 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2049.0 *3*	0.30 *15*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2049.1 *4*	0.15 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2049.2 *3*	0.0023 *3*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
2049.2 *10*	0.15 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2049.2 *4*	0.028 *6*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2049.2 *20*	1.15 *19*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
2049.4 *2*	1.08 *25*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
2049.61 *9*	0.53 *4*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2049.66 *6*	1.22 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
2049.7	0.34	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
• 2049.7 *2*	5.0 *4*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2050 *1*	0.07 *5*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
2050.0 *10*	0.76 *13*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2050.1 *5*	0.13 *5*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2050.1 *3*	0.16	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2050.4	1.02 *16*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
2050.46 *20*	0.73 *3*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2050.7 *4*	0.044 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 2050.77 *20*	0.191 *25*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2050.9 *8*	0.47 *10*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2051.0 *7*	0.08 *3*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2051.1 *5*	0.44 *6*	^{32}Cl(298 ms)	2230.2(71.6), 4771.8(20.5), 2464.9(4.1)
2051.1 *4*	8.3 *3*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
• 2051.2 *4*	0.0167 *19*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
2051.3 *2*	0.96 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2051.3 *1*	†0.27 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2051.3	0.05 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2051.4 *10*	0.53 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2051.45 *12*	0.043 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2051.5 *3*	0.120 *13*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2051.5 *3*	0.48 *9*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2051.5 *10*	†0.35 *18*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2051.52 *18*	11.3 *3*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
2051.55 *10*	0.0059 *6*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2051.6 *6*	0.019 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2051.7 *1*	0.82 *5*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2051.9 *4*	0.11 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2052.1 *5*	2.5 *3*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
2052.1 *6*	0.051 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2052.1 *3*	0.071 *3*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
2052.36 *3*	17.2 *3*	^{166}Tm(7.70 h)	778.817(18.9), 184.410(16.1), 1273.540(14.9)
2052.4 *5*	0.12 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2052.4 *4*	0.044 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2052.4 *4*	0.042 *5*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2052.4	0.15	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
2052.5 *7*	†0.08 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2052.6 *3*	0.35 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2052.7 *3*	0.025 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
• 2052.7 *2*	0.57 *8*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2052.8 *10*	0.59 *13*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
2052.8 *2*	0.0160 *15*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
2052.8 *6*	0.025 *6*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
2052.8 *6*	†6.0 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2052.9 *1*	0.123 *14*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2052.94 *15*	0.078 *11*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2052.96 *8*	0.56 *4*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2052.96 *8*	0.097 *24*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
2053.0 *8*	0.38 *10*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
2053.0 *6*	†0.31 *7*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
2053.02 *30*	0.29 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2053.08 *12*	0.40 *3*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2053.1 *3*	0.40 *3*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2053.1 *3*	0.82 *7*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
2053.1 *3*	0.0030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2053.2 *8*	†0.26 *14*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
• 2053.4 *3*	0.0066 *18*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
2053.4 *5*	0.65 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2053.43 *8*	0.14 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2053.6 *14*	0.159 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2053.7 *3*	0.174 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2053.8 *6*	0.0032 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
2053.9 *5*	1.5 *3*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
2054.0 *15*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
2054.06 *12*	1.34 *7*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2054.1 *12*	0.040 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2054.1 *1*	0.080 *11*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2054.1 *1*	0.261 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2054.2 *4*	0.088 *12*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
• 2054.35 *30*	0.125 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2054.4 *4*	6.6 *11*	^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2159.6(5.0)
2054.68 *25*	0.134 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2055.2 *3*	1.8	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2055.2 *8*	2.18 *10*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2055.24 *22*	0.017 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
2055.3 *7*	0.041 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2055.4 *5*	0.38	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
2055.5 *4*	0.075 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2055.5 *5*	0.17 *2*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2055.5 *1*	0.101 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
2055.5 *2*	0.45 *4*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
2055.7 *8*	0.69 *25*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
2055.7 *3*	†0.58 *18*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
2055.8 *4*	0.12 *6*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2055.9 *4*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
2056.0 *8*	†0.91 *15*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2056.0 *6*	†0.31 *7*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
2056.05 *13*	0.244 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2056.10 *8*	0.115 *8*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
2056.1 *5*	0.13 *3*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
2056.1 *1*	0.97 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
• 2056.17 *5*	0.288 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2056.2	0.19	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2056.20 *30*	0.16 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2056.4 *5*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2056.42 *21*	0.60 *6*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2056.5 *3*	2.21 *18*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
2056.52 *16*	0.97 *6*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2056.6 *13*	0.058 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2056.7 *2*	3.3 *3*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2056.7 *20*	0.08 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2056.8 *6*	0.118 *24*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2056.9 *15*	0.065 *10*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2057.0 *6*	0.124 *25*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
• 2057.1 *4*	0.0385 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2057.16 *76*	0.12 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2057.27 *18*	0.42 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2057.3 *5*	0.94 *16*	^{97}Y(3.75 s)	3287.6(18.1), 3401.3(14.1), 1996.6(7.4)
2057.39 *5*	0.92 *7*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2057.4 *3*	0.016 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2057.4 *3*	0.017 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2057.4 *4*	0.31 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2057.7 *3*	†0.100 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2057.76 *6*	17.1	^{154}Pm(1.73 m)	1393.9(14.4), 81.99(12.6), 2139.76(9.7)
2057.8 *5*	0.92 *7*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2058.0 *11*	0.23 *9*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
2058.1 *1*	0.87 *13*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2058.18 *6*	0.00143 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2058.4	0.36	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2058.45 *10*	0.25	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2058.50 *23*	0.44 *3*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2058.7 *5*	1.32 *7*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2058.78 *17*	0.35 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2058.85 *14*	0.80 *4*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2058.9 *4*	0.073 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2059.0 *5*	0.14	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
2059.0 *8*	†0.55 *15*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2059.0 *5*	0.183 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2059.1 *3*	0.32 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2059.16 *9*	0.36 *5*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2059.2 *5*	0.28 *2*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
• 2059.2 *3*	0.020 *7*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
2059.3 *9*	0.84 *13*	^{30}Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
2059.4 *3*	†1.24 *20*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
2059.41 *10*	21.0 *8*	^{121}Cd(8.3 s)	1020.89(18.9), 987.81(13.6), 1181.45(12.4)
• 2059.67 *20*	7.1 *4*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2059.7 *2*	3.46 *19*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
2060 *1*	0.069 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2060.1 *1*	0.369 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2060.17 *24*	1.32 *9*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
2060.4 *7*	0.10 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2060.6 *4*	0.0059 *20*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
2060.6 *6*	0.024 *6*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
2060.7 *5*	5.31 *7*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2060.9 *5*	5.0×10^{-5} *23*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
2060.9 *3*	4.8 *5*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
2060.9		^{146}Tb(23 s)	1579.4(100), 1078.6(51.6), 1417.2(17.2)
2060.9 *7*	0.32 *16*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
2060.9 *10*	0.18 *4*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2061.0 *3*	0.79 *4*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
2061.1 *13*	0.24 *3*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2061.1 *10*	0.031 *10*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
2061.2 *5*	0.067 *20*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
• 2061.3 *5*	0.0139 *9*	^{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: $E_\gamma(I_\gamma)$
2061.4 *5*	3.7 *9*	^{70}Cu(47 s)	884.9(100), 901.7(87), 1251.7(57)
2061.5 *2*	0.26 *4*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2061.50 *30*	0.023 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2061.5 *4*	0.17 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2061.8 *2*	0.31 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2062.0	0.39 *16*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
2062 *1*	0.10 *3*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
2062.1 *3*	0.034 *3*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2062.1 *4*	0.12 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2062.2 *5*	0.15 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
2062.3	0.010 *6*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2062.34 *17*	0.111 *11*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
2062.4 *4*	0.32 *8*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
2062.4 *5*	0.46 *12*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
2062.5 *3*	0.0015 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2062.50 *20*	0.101 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2062.6 *4*	0.049 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2062.6 *7*	0.07 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2062.87 *8*	†6.7 *6*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2063.0 *3*	0.038 *14*	^{94}Sr(75.3 s)	1427.7(94), 723.8(2.40), 703.9(2.13)
2063	†7.5	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2063 *1*	0.0008 *5*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
• 2063.2 *3*	0.0708 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2063.2 *10*	0.234 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2063.4 *8*	0.91 *17*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2063.5 *8*	0.22 *8*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
2063.5 *2*	0.162 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2063.64 *12*	0.62 *4*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
• 2063.7 *5*	0.0096 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2063.8 *3*	0.051 *11*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
2063.8 *3*	0.037 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2063.9 *7*	0.0130 *24*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
2063.90 *12*	0.392 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2063.9 *6*	0.25 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2064.0 *20*	0.09 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2064.08 *24*	0.329 *18*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2064.1 *5*	0.11 *4*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
2064.1 *10*	0.028 *16*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
2064.1 *5*	0.40 *7*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
2064.11 *10*	7	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2064.2 *5*	0.032 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2064.4 *5*	0.00062 *21*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2064.51 *32*	0.182 *18*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2064.6 *2*	0.045 *6*	^{71}Zn(2.45 m)	511.56(32), 910.27(7.8), 389.88(3.8)
2064.6 *4*	0.35 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2064.6 *7*	0.07 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2064.64 *5*	3.5 *3*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
2064.69 *14*	0.79 *6*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2064.7 *30*	>0.13	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
2064.7 *3*	0.06 *3*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
2064.8 *3*	1.70 *7*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2064.8 *9*	0.67 *12*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2064.9 *3*	0.93 *17*	^{140}Eu(1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
2064.94 *20*	0.0087 *25*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2064.98 *19*	0.0057 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
2065 *1*	†1.9 *4*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2065.0 *7*	0.165 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2065.0 *2*	0.00042 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 2065.03 *11*	0.0138 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2065.3	†1.5 *8*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2065.3 *4*	†2.7 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
2065.4 *3*	0.043 *8*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
2065.5 *3*	1.22 *12*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2065.5	0.10	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
2065.5 *3*	†3.23 *19*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2065.59 *14*	0.5	^{58}Mn(3.0 s)	1446.53(1.2), 2433.05(1.2), 2272.99
2065.59 *14*	0.159 *18*	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
2065.62 *15*	1.97 *17*	^{122}In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
2065.62 *15*	>0.10	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
2065.7	0.8 *2*	^{36}P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
2065.9 *5*	0.23 *5*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2065.9 *4*	0.17 *9*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2066.0 *16*	0.013 *3*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2066.1 *10*	0.02 *1*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
2066.28 *16*	0.07	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2066.3 *3*	0.15 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2066.4 *4*	0.0318 *15*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
2066.4 *1*	0.071 *10*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2066.5 *4*	0.93 *9*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
2066.7 *3*	0.177 *13*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2066.7 *5*	0.035 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2066.8 *1*	0.338 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2066.9 *6*	0.012 *3*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2066.95 *20*	0.067 *6*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2067.1 *4*	0.0069 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2067.1 *9*	>0.06	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
2067.2 *2*	2.99 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2067.2 *15*	0.028 *7*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2067.4 *4*	0.08 *3*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
2067.4 *25*	1.06 *19*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
2067.6 *4*	0.0038 *12*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
2067.7 *5*	0.36 *7*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2067.7 *1*	0.0035 *5*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2067.7 *3*	0.441 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2067.9 *7*	0.11 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2068.0 *6*	0.059 *11*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2068.0 *2*	0.0103 *9*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2068.1 *4*	0.48 *5*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2068.1 *9*	0.05 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2068.2 *2*	†1.59 *18*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
• 2068.2 *13*	0.018 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2068.3 *7*	0.0154 *24*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
2068.36 *2*	0.143 *16*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2068.4 *4*	0.70 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
2068.5 *8*	†3.1 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
2068.69 *8*	0.00151 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2068.8 *4*	†2.3 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 2068.8 *10*	0.021 *7*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2068.90 *20*	0.22 *6*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
2069.04 *8*	1.63	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2069.1 *10*	0.26 *7*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
2069.11 *16*	0.301 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2069.2 *3*	0.026 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2069.2 *1*	0.26 *6*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2069.2 *8*	0.04 *2*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
• 2069.2 *3*	0.057 *9*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2069.5	0.070 *12*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2069.5 *2*	0.295 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2069.6 *15*	0.56 *13*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
2069.62 *20*	0.071	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2070.00 *10*	0.97 *7*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2070.0 *8*	0.016 *5*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2070 *2*	†7	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2070.3 *2*	0.51 *3*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2070.4 *6*	11.2 *12*	^{52}Ca(4.6 s)	675.2(62.4), 961.2(49.9), 1636.4(35.6)
2070.4 *10*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2070.7 *7*	0.121 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2070.8 *8*	0.48 *10*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
• 2070.85 *11*	0.0304 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2071.0 *2*	0.017 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2071.2	†3.6	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
2071.3 *15*	0.27 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2071.4 *2*	0.021 *6*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
2071.5 *15*	0.5 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
2071.6 *10*	0.43 *7*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
2071.6 *3*	>0.049	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
2071.6 *3*	†0.54 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2071.6 *3*	0.093 *18*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2071.66 *7*	2.3 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2071.7 *3*	0.28 *4*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2071.8 *10*	0.31 *8*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
2071.9 *4*	0.166 *20*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2071.9 *2*	0.28 *9*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2072.2 *4*	0.0041 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
2072.25 *25*	0.31 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2072.4 *4*	0.25 *6*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2072.4 *4*	0.14 *7*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 2072.50 *15*	0.0075 *9*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2072.7 *8*	0.31 *5*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
2072.7 *3*	0.55 *8*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2072.79 *16*	0.091 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2072.8 *3*	0.0062 *14*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
2072.8 *2*	0.00023 *3*	^{144}Pr(17.28 m)	696.510(1.3), 2185.662(0.694), 1489.160(0.278)
2073.0 *3*	0.024 *7*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
2073.0 *5*	0.15 *4*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2073.0 *1*	0.096 *6*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2073.0	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2073.169 *23*	0.023 *4*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2073.2 *5*	0.071 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2073.2 *3*	†0.52 *23*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
2073.4 *2*	4.4 *18*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2073.5 *3*	0.39 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2073.6 *12*	0.038 *15*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2073.7 *2*	1.4 *5*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
2073.7 *5*	0.041 *6*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2073.75 *7*	4.24 *11*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2073.9 *1*	1.9 *6*	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
2073.9 *9*	0.63 *6*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2073.9 *20*	0.018 *7*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2074.0 *4*	0.74 *24*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2074.0 *3*	0.22 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
2074.1 *7*	0.016 *4*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2074.14 *25*	0.27 *4*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2074.2 *5*	0.16 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2074.3 *3*	0.58 *7*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2074.5 *9*	†12.9 *26*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
2074.5 *3*	0.094 *11*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2074.8 *6*	0.09 *3*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2074.8 *2*	0.0031 *5*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
2075 *1*	2.5 *4*	^{69}Ni(11.4 s)	1871.1(40.9), 679.7(39.7), 1213.0(39.3)
2075.0 *5*	0.11 *3*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2075.0 *6*	0.112 *25*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
2075.0 *3*	0.025 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2075 *1*	0.025 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2075 *1*	†3.4 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2075.10 *20*	0.008 *5*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
2075.16	0.036	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2075.27 *7*	0.49 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2075.4 *4*	0.090 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2075.4 *5*	†1.8 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2075.5 *7*	0.15 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2075.61 *13*	0.258 *24*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2075.91	0.102 *7*	^{23}Ne(37.24 s)	439.986(33), 1635.96(0.99), 2981.85(0.0378)
2076.0 *3*	†0.83 *10*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2076.1 *9*	0.81 *10*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2076.4	0.035 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2076.5 *4*	0.038 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2076.6 *7*	0.059 *16*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2076.6 *4*	0.21 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2076.70 *10*	11.9 *12*	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2202.90(9.5)
2076.8 *5*	0.068 *16*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
2076.9 *3*	0.069 *14*	^{58}Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
2077.0 *2*	0.041 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2077.17 *5*	0.233 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
2077.2 *2*	0.031 *5*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
2077.3 *5*	0.053 *14*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2077.3 *15*	0.047 *7*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2077.6 *10*	0.60 *6*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2077.7 *5*	†1.7 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
2077.9 *3*	22	^{136}Te(17.5 s)	333.99(19), 578.75(18), 2569.4(15)
2077.9 *20*	0.066 *14*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2077.9 *1*	†0.032 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2078.1 *1*	0.100 *10*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
2078.23 *7*	0.0121 *11*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2078.23	0.46	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2078.4 *3*	>0.017	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
2078.4	0.6	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
2078.4 *2*	0.101 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
• 2078.5 *3*	0.0108 *20*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 2078.5 *3*	0.345 *12*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2078.5 *5*	<0.09	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
2078.6 *10*	0.07 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2078.7 *5*	†1.7 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2078.8 *5*	0.15 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2078.9 *12*	0.037 *18*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
2079.0 *4*	0.0143 *19*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
2079.1 *1*	0.11 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2079.17 *14*	1.44 *4*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
2079.2 *4*	0.090 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2079.2 *5*	†0.45 *9*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2079.30 *20*	0.068 *10*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
2079.3 *9*	0.030 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2079.3 *2*	0.094 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2079.3 *3*		^{148}Pr(2.0 m)	301.702(95), 450.58(50), 697.61(40)
2079.33 *19*	0.048 *6*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2079.48 *30*	0.048	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2079.5 *10*	0.0216 *25*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
2079.53 *3*	6.29 *13*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2079.7 *9*	†4.6 *9*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
2080.0 *2*	0.0193 *12*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
• 2080.02 *15*	0.6 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2080.1 *7*	0.0069 *5*	^{51}Mn(46.2 m)	749.07(0.26), 1148.01(0.078), 1164.40(0.076)
2080.1 *6*	†0.33 *4*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2080.3 *3*	0.67 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2080.38 *20*	5.6 *5*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
2080.5 *4*	0.079 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2080.83 *10*	0.028 *8*	^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
2080.9 *4*	0.086 *20*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2081		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
• 2081.11 *15*	1.5 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2081.27 *12*	†149 *22*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2081.3 *3*	0.056 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2081.4 *3*	0.0148 *16*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2081.4 *8*	0.007 *4*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2081.5 *4*	†0.71 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
2081.5 *15*	†2.7 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2081.6 *5*	0.57 *6*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2081.9 *6*		^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
2082 *2*	0.12 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2082.0 *5*	1.5 *3*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
2082	†1.8	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2082.0 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
2082.0 *10*	0.072 *14*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2082.06 *16*	0.105 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2082.1 *5*	0.126 *13*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2082.3 *2*	0.036 *3*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2082.39 *11*	0.113 *12*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
2082.4 *5*	0.183 *21*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2082.45 *20*	†4.7 *12*	^{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: $E_\gamma(I_\gamma)$
2082.5 *4*	85.1 *7*	^{22}F(4.23 s)	1274.53(100), 2165.9(67.8), 4366.2(12.8)
2082.5 *5*	0.058 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2082.53 *15*	3.4 *3*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
2082.60 *6*	0.552 *19*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2082.62 *14*	0.296 *22*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2082.8 *6*	0.0083 *7*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
2082.9 *1*	0.037 *8*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2083.1 *2*	0.00032 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2083.11 *22*	0.88 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 2083.2 *5*	0.0113 *7*	^{140}La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
2083.4 *5*	0.20 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 2083.41 *6*	0.217 *7*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
2083.5 *6*	0.06	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 2083.6 *10*	0.035 *6*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2083.7 *1*	0.099 *8*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2083.9 *3*	1.10 *12*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2083.9 *3*	1.1	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
2083.9 *20*	0.027 *7*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2083.93 *4*	0.065 *7*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 2084.0 *4*	0.023 *4*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
2084 *2*	0.13 *7*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
2084 *2*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2084.0 *4*	0.084 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2084.2 *5*	0.024 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2084.4 *3*	0.33 *17*	^{62}Co(1.50 m)	1172.9(84), 2301.8(14.7), 1128.9(11.1)
2084.4 *3*	0.0051 *10*	^{62}Cu(9.74 m)	1172.9(0.34), 875.68(0.150), 2301.8(0.0414)
2084.47 *10*	0.0137 *9*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2084.7 *4*	0.71 *7*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2084.7 *3*	0.123 *12*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2084.9 *4*	0.0069 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2084.9 *2*	0.254 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2085.0 *7*	0.053 *21*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
2085.0 *1*	†0.82 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2085 *1*	0.025 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2085.0 *6*	0.0089 *23*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2085.3 *4*	0.59 *6*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
2085.38 *15*	0.80 *5*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2085.42 *12*	0.77 *3*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2085.8 *10*	†0.48 *25*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2085.85 *10*	0.57 *6*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2085.91 *10*	0.627 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2086 *1*	0.26 *7*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
2086 *1*	>0.040	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
2086.0 *9*	0.38	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2086.2 *2*	0.146 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2086.2 *1*	0.0106 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2086.2		^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
2086.2 *7*	0.34 *6*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2086.32 *76*	0.046 *13*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
• 2086.4 *3*	0.0143 *8*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
• 2086.4 *5*	0.0202 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2086.5 *5*	3.4 *8*	^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
2086.5 *5*	0.4 *3*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
2086.5 *2*	0.93 *8*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2086.6 *3*	4.7 *4*	^{84}As(5.5 s)	1455.1(49), 667.1(20.7), 2461.2(4.0)
2086.7 *2*	0.0008 *4*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
2086.8 *5*	0.06	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2086.8 *10*	0.13 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2086.8 *3*	0.22 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
2086.82 *15*	0.257 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2086.9 *5*	0.035 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2087.0 *4*	0.17 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2087 *1*	†6.1 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2087.10 *20*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
2087.2 *20*	0.076 *14*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2087.3 *4*	1.14 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2087.4 *15*	1.4 *3*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2087.4 *3*	0.174 *24*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2087.44 *20*	0.038 *10*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
2087.5 *8*	0.006 *4*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2087.7 *3*	†3.2 *4*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
2087.7 *5*	0.45 *9*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2087.8 *3*	>0.8	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
2087.8 *3*	0.8	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
2087.8 *15*	0.034 *8*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2087.81 *22*	0.359 *21*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2087.88 *3*	2.20 *9*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2087.9 *3*	0.76 *16*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2088.0 *7*	0.02 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2088.0		^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2088.09 *25*	0.248 *25*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
2088.1	†3.4	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
2088.24 *19*	0.272 *24*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2088.24 *5*	0.058 *3*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2088.60 *10*	1.05 *6*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
• 2088.69 *14*	0.0101 *7*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2088.7 *15*	>0.32	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2088.70 *10*	0.24 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
2088.78 *6*	0.79 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
2088.9 *1*	0.628 *10*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
2088.9 *2*	6 *3*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
2089 *2*	0.00040 *9*	^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
2089 *1*	†0.62 *10*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2089		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
2089.1 *10*	0.16 *7*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2089.2 *5*	0.44 *14*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2089.3 *2*	0.41 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2089.3	0.87	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2089.51 *15*	0.055 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 2089.57 *12*	4.69 *5*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
2089.60 *3*	0.347 *8*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
2089.7 *2*	†0.20 *5*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
2089.7 *8*	0.064 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2089.7 *10*	0.064 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2089.8 *10*	0.025 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2089.8 *4*	0.161 *25*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
2089.9 *3*	0.25 *5*	^{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: $E_\gamma(I_\gamma)$
2089.91 *9*	0.157 *10*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
• 2089.94 *15*	0.122 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
2090 *30*	4.9 *20*	^{210}Tl(1.30 m)	799.7(99), 298(79), 1316(21)
2090.1 *2*	0.0170 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
2090.20 *20*	0.162 *17*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2090.4 *11*	0.38 *19*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
2090.5 *3*	0.039 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2090.6 *3*	0.014 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2090.7 *3*	0.0019 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
2090.7 *3*	0.32 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2090.8 *6*	1.1	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2090.8 *3*	0.093 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2090.8 *4*	†1.4 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
2090.85 *26*	0.0027 *5*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
• 2090.942 *7*	5.57 *10*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 2090.942 *7*	0.569 *6*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2091.0 *10*		^{76}Zn(5.7 s)	281.7, 1030.6, 831.2
2091.0 *5*	†0.09 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2091.19 *50*	0.06 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2091.2 *5*	0.69 *18*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
2091.2 *8*	0.29 *9*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
2091.3 *20*	0.025 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2091.3 *10*	0.10	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2091.4 *2*	0.049 *10*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2091.4 *3*	0.00020 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2091.45 *15*	5.1 *5*	^{130}In(0.32 s)	1905.17(74), 129.80(61), 1221.24(60)
2091.5 *10*	0.017 *4*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
2091.5 *11*	†4.2 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2091.7 *9*	1.9 *4*	^{90}Tc(49.2 s)	1054.3(100), 948.1(100), 944.7(36.6)
2091.7 *3*	1.44 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 2091.75 *30*	>0.10	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 2091.75 *30*	>0.030	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2091.8 *10*	0.360 *7*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2091.9 *4*	0.18 *4*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2091.99 *10*	0.0099 *10*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2092.13 *3*	1.56 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2092.2 *4*	0.23 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2092.29 *10*	0.0050 *5*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
2092.29 *10*	0.013 *7*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
2092.4 *5*	0.48 *10*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
• 2092.4 *3*	0.0459 *25*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
2092.5 *5*	0.16 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2092.6 *5*	0.0025 *8*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2092.6 *2*	†1.39 *18*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2092.6 *5*	0.032 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2092.688	0.0927 *21*	^{39}Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)
2092.7 *5*	0.203 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2092.8 *3*	†2.3 *6*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2092.80 *15*	0.21	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2092.84 *15*	0.058 *7*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2092.9 *2*	0.091 *7*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2093.0 *4*	2.00 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2093 *1*	0.019 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2093.0 *8*	0.5 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2093.0 *4*	0.033 *16*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2093.1 *5*	0.85 *9*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
2093.23 *3*	3.21 *14*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
2093.3 *4*	0.00037 *8*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2093.3 *5*	0.08 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
2093.3 *3*	†1.5	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2093.3 *3*	†3.4	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2093.4 *7*	3.2 *6*	^{52}Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
2093.5 *3*	0.0030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2093.6 *3*	†1.9 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
2093.66 *21*	7.01 *11*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
2093.7 *10*	2.9 *7*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
2094 *2*	†8.8	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2094.1 *6*	0.074 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2094.2 *5*	0.21 *4*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
2094.30 *14*	3.70 *20*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2094.3 *3*	0.11 *2*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
2094.3 *15*	†0.68 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2094.3 *15*	2.2 *4*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
2094.35 *23*	0.356 *21*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 2094.5		^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
• 2094.5 *5*	0.0273 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2094.75 *10*	0.43 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2094.8 *3*	0.0152 *24*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
2095.0 *7*	0.007 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2095.0 *3*	0.14 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
2095.2 *6*	0.009 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2095.2 *4*	0.20 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
2095.3 *7*	0.017 *4*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2095.3 *3*	0.13 *3*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2095.3 *2*	0.54 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2095.3 *2*	†0.72 *15*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2095.4 *6*	†0.30 *9*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2095.4 *20*	0.025 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2095.5 *30*	0.19 *15*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
2095.5 *5*	44 *9*	^{131}In(0.32 s)	4273.20(99), 284.48(44), 173.185(29)
2095.5 *2*	†0.118 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2095.6 *5*	0.22 *8*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2095.7 *3*	†1.0 *2*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
2095.7 *3*	0.021 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2095.7 *7*	0.018 *5*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2095.7 *5*	>0.09	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2095.7 *15*	0.060 *10*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2095.8 *4*	0.019 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2095.88 *22*	0.168 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 2095.90 *7*	0.128 *4*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2096.0 *3*	0.012 *3*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2096.0 *20*	0.06 *4*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
2096.1	0.12 *5*	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
• 2096.1	0.014	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2096.3 *10*	0.035 *14*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
• 2096.3 *2*	0.139 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 2096.33 *5*	0.069 *3*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 2096.4 *2*	0.55 *3*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
2096.4 *2*	1.36 *7*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2096.40 *4*	7.44 *16*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
2096.4 *3*	0.0072 *9*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2096.5	0.035 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2096.6 *9*	0.05 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 2096.9 *4*	5.7 *7*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2097.1 *7*	0.42 *10*	^{120}In(3.08 s)	1171.3(19), 2039.8(1.86), 703.8(1.42)
2097.1 *7*	1.5 *6*	^{120}In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
2097.1	0.035 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2097.1 *9*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2097.2 *3*	2.2 *3*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2097.32 *30*	0.92 *17*	^{62}Co(1.50 m)	1172.9(84), 2301.8(14.7), 1128.9(11.1)
2097.32 *30*	0.0030 *4*	^{62}Cu(9.74 m)	1172.9(0.34), 875.68(0.150), 2301.8(0.0414)
2097.34 *23*	0.32 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2097.4 *2*	0.0198 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
2097.4 *4*	0.16 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2097.4 *10*	1.26 *7*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2097.6 *4*	0.059 *6*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
• 2097.70 *11*	3.809 *18*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2098.00 *8*	0.86 *8*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2098.1	0.33	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2098.2 *4*	0.39 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2098.3 *8*	0.097 *13*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2098.6 *2*	0.83 *6*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
2098.6 *2*	16.1 *20*	^{166}Lu(2.12 m)	1427.18(23.0), 1256.64(15.2), 1358.79(13.4)
2098.6 *1*	0.525 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2098.7 *3*	0.46 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2098.7 *3*	0.17 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2098.9 *4*	0.27 *3*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2098.9 *4*	0.06 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2099.0 *6*	0.042 *9*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
2099 *3*	0.025	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2099 *1*	†3.3 *4*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
• 2099.1 *1*	0.04 *3*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 2099.1 *1*	0.139 *6*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
• 2099.2 *4*	4.7 *6*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2099.42 *15*	0.0134 *12*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2099.48 *20*	0.157 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2099.5 *10*	1.9 *2*	^{94}Rh(25.8 s)	756.23(100), 1430.50(100), 311.70(97.3)
2099.5 *5*	0.13 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2099.6 *4*	1.49 *10*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
2099.6 *3*	0.23 *4*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2099.6 *4*	0.86 *7*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2099.85 *10*	0.44	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2100 *2*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2100.13 *17*	0.054 *7*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2100.2 *6*	0.0060 *17*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2100.3 *5*	0.136 *25*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
2100.30 *23*	0.020 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
2100.3 *3*	0.045 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2100.4 *8*	1.04 *10*	^{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: $E_\gamma(I_\gamma)$
2100.4 *1*	0.205 *13*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2100.45 *8*	0.20 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2100.63 *8*	0.94 *6*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2100.7 *8*	0.6 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2100.72 *9*	0.040 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2100.8 *4*	†6.1 *8*	^{37}P(2.31 s)	646.17(†100), 1582.9(†74.4), 2254.1(†8.2)
2100.8 *3*	7.6 *8*	^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
2100.9 *1*	0.0529 *16*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2101.06 *15*	0.44 *11*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
• 2101.09 *13*	0.0124 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2101.2 *13*	0.04 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2101.3 *4*	0.156 *20*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2101.31 *16*	0.18 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2101.4 *3*	0.58 *7*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2101.4 *4*	0.105 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2101.42 *5*	0.0099 *6*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
2101.5 *3*	†0.05 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2101.5 *4*	0.14 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2101.6 *7*	0.039 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2101.6 *7*	0.087 *15*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2101.7 *1*	4.07 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2101.8 *1*	0.94 *13*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2101.87 *10*	†0.89 *7*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
• 2102.0		^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2102.0 *4*	†1.2 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
2102.1 *2*	0.014 *3*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2102.1 *5*	2.3 *5*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
2102.1 *25*	1.15 *19*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
2102.20 *20*	0.37 *4*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
2102.2 *5*	26 *4*	^{108}Rh(6.0 m)	433.937(88), 581.1(60), 947.27(49)
2102.2 *5*	0.72 *7*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
2102.4	0.33	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2102.4 *1*	0.102 *10*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
2102.4 *5*	0.50 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
2102.5 *2*	0.95 *5*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2102.8 *9*	0.36 *16*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
2102.81 *5*	12.5 *7*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2601.98(12.0)
2102.84 *5*	5.9 *4*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
2102.9 *4*	0.018 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2103 *2*	0.15 *4*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
2103.18 *7*	0.00156 *15*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 2103.2 *2*	0.098 *7*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2103.3 *7*	0.014 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2103.5 *4*	†2.2 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 2103.5 *5*	0.0046 *15*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
2103.6 *6*	0.8 *4*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
2103.7 *2*	†0.20 *5*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
2103.7 *6*	0.056 *17*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2103.84 *25*	0.35 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2103.9 *3*	2.0 *3*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
2104		^{92}Br(0.343 s)	769(†100), 1446(†10), 1035(†6)
2104.07 *10*	5.3 *3*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
2104.11 *6*	0.00311 *21*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2104.2 *3*	6.4 *3*	^{62}Co(13.91 m)	1172.9(97), 1163.4(67.3), 2003.48(18.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2104.28 *63*	0.047 *13*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2104.3 *2*	5.9 *4*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
2104.40 *20*	8.4 *9*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
2104.5 *4*	1.7 *3*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
2104.7 *10*	0.51 *5*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2104.78 *15*	0.31 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2104.9 *8*	0.061 *11*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2105 *2*	†4.0 *10*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2105 *1*	0.036 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2105.17 *11*	0.019 *3*	^{92}Y(3.54 h)	934.46(13.9), 1405.28(4.8), 561.03(2.40)
2105.3 *5*	0.032 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2105.3 *10*	0.13 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2105.31 *15*	2.0 *2*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
2105.4 *4*	0.31 *9*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2105.5 *2*	0.100 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2105.6 *5*	0.68 *16*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
2105.6 *3*	0.088 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2105.7 *2*	0.57 *5*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2105.8		^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
2105.8 *2*	†0.28 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
• 2105.90 *17*	0.636 *24*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2105.9 *3*	0.055 *10*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
2106 *1*	0.53 *11*	^{63}Co(27.4 s)	87.13(48.7), 981.7(2.11), 155.6(1.60)
2106.1 *4*	†0.81 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
2106.16 *19*	2.4 *3*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2106.3	0.09	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2106.56 *20*	0.86 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2106.6	†37	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
2106.7 *3*	<1.7	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2106.7 *4*	0.079 *18*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
2106.7 *4*	0.15 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2106.9	0.156 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2106.92 *16*	>0.29	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2106.96 *15*	0.0074 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2107.0 *5*	0.020 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2107 *2*	0.18 *9*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
2107.13 *13*	0.437 *24*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
2107.3 *3*	0.36 *4*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
2107.4 *16*	0.040 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2107.6 *5*	0.015 *5*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
2107.8 *2*	0.0021 *5*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2107.90 *20*	0.13 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
• 2108.08 *8*	0.039 *10*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
2108.16 *6*	1.43 *9*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2108.2 *3*	0.079 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2108.3 *3*	0.35 *7*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2108.6 *4*	0.087 *15*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2108.7 *5*	0.012 *4*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
2108.80 *5*	0.0102 *6*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
2108.88 *14*	>0.29	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2108.9 *3*	0.049 *8*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
2108.9 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2109 *1*	0.73 *5*	^{73}Zn(23.5 s)	218.1(6.00), 910.5(1.91), 495.6(1.48)
2109.1 *10*	†1.03 *21*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2109.1 *12*	0.05 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2109.2 *4*	0.21 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2109.4 *3*	0.051 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2109.5 *3*	0.041 *3*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2109.52 *8*	1.042 *19*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 2109.52 *8*	0.266 *13*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2109.6 *1*	0.076 *10*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2109.7 *5*	0.017 *6*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
2109.8 *6*	0.11 *4*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2109.86 *24*	>0.29	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2109.9 *5*	0.121 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2109.9 *5*	0.098 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2109.90 *12*	0.082 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2110.1 *15*	1.5 *4*	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
2110.1 *15*		^{68}Cu(31.1 s)	1077.35(64), 1260.97(12.5), 1883.09(2.4)
2110.12 *13*	0.34 *5*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2110.2 *4*	1.12 *13*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
2110.23 *15*	0.099 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2110.3 *25*	0.025 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2110.4 *21*	0.33 *25*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2110.5 *3*	†1.4 *2*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
2110.5 *5*	0.131 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
• 2110.52 *13*	0.079 *3*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 2110.58 *5*	0.039 *3*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
2110.6 *1*	0.138 *13*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2110.7 *5*	0.6 *3*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
2110.7 *5*	0.5 *3*	^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
2110.8 *5*	0.0062 *12*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2110.82 *70*	0.055	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2110.83 *10*	3.1 *2*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
• 2110.9 *2*	0.329 *23*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
2110.9 *2*	2.49 *12*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2110.9 *7*	0.64 *9*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2110.91 *9*	0.76 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2111 *1*	0.17	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2111.2	0.29	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
2111.29 *6*	1.47 *12*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
2111.4 *10*	0.40 *3*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
2111.47 *5*	0.118 *11*	^{88}Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
2111.7 *10*	0.03 *1*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
2111.8 *8*	0.10 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2111.8	0.26	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
2111.84 *13*	0.60 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2111.9 *8*	>0.047	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2111.9 *6*	0.163 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2112	0.62 *19*	^{25}Ne(602 ms)	89.53(95.5), 979.77(18.1), 1069.30(2.3)
2112.0	0.045	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2112.0 *2*	0.22 *8*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
• 2112.0 *4*	0.008 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2112.1 *4*	0.021	^{116}In(14.10 s)	1293.54(1.3), 463.16(0.25), 1252.5(0.031)
2112.1 *4*	15.5 *4*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
2112.1 *4*	0.22	^{116}Sb(15.8 m)	1293.54(85), 931.800(24.7), 2225.33(14.2)
2112.2 *7*	0.067 *11*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2112.3 *3*	0.36 *10*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2112.4 *3*	0.25 *3*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
2112.4 *5*	0.07 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
2112.46 *13*	0.061 *3*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
2112.54 *6*	0.0345 *18*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2112.73 *12*	1.09 *10*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
2112.77 *25*	0.15 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
2112.9 *10*	0.007 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2113 *1*	0.0019 *19*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
2113.0 *15*	0.34 *13*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
2113.0 *7*	†2.9 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2113.123 *10*	14.3 *4*	^{56}Mn(2.5785 h)	846.771(98.9), 1810.772(27.2), 2522.88(0.99)
• 2113.123 *10*	0.385 *5*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
2113.18	0.12	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2113.20 *30*	1.17 *11*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2113.2 *5*	0.26 *5*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2113.2 *2*	0.150 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2113.2 *3*	0.21 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2113.4 *4*	0.0015 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2113.4 *4*	0.0054 *18*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
2113.41 *10*	0.32 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
• 2113.62 *5*	0.0104 *7*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2113.99 *40*	0.11	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2114.0 *1*	0.0094 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2114.0 *5*	†2.3 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2114.05 *20*	0.330 *12*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2114.07 *7*	0.83 *5*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
2114.10 *14*	0.00261 *25*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 2114.10 *14*	0.258 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2114.1 *10*	0.28 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2114.30 *8*	0.45 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
2114.3 *7*	0.021 *9*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
• 2114.33 *26*	0.0164 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2114.40 *21*	1.05 *11*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
2114.4 *4*	0.062 *11*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
2114.4 *2*	0.038 *7*	^{138}Pr(1.45 m)	788.742(2.4), 688.2(0.82), 1551.1(0.42)
2114.5 *1*	†0.077 *18*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2114.63 *7*	0.89 *4*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2114.7 *5*	0.15 *3*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2114.7 *10*	0.108 *22*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2114.83 *10*	2.27 *13*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
2114.95 *13*	0.00045 *20*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
2115.0 *8*	0.10 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2115.0 *5*	0.05 *5*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
2115.0 *10*	0.21 *7*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
2115.0 *7*	0.09 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
2115.2 *20*	0.16 *8*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
2115.3 *2*	0.158 *17*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
2115.4 *5*	0.029 *9*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
2115.5 *10*	2.0 *4*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
2115.58 *15*	2.2 *6*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
2115.7 *2*	†7	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
2115.8 *3*	0.100 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2115.8 *2*	13 *1*	^{151}Tm(4.13 s)	801.6(73), 1548.6(10), 1140.2(10)
2116 *2*	†9.9	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2116	0.8	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
• 2116.0	0.157 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2116.07 *18*	0.49 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
2116.09 *5*	1.2 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
2116.3 *3*	†0.57 *13*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
• 2116.49 *13*	0.114 *3*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 2116.5 *3*	0.0278 *16*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2116.6 *2*	0.25 *4*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2116.6 *8*	1.0 *2*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
• 2116.60 *15*	0.493 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2116.8 *5*	0.13 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2116.88 *11*	0.319 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2116.9 *3*	0.028 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2117.0 *3*	0.36 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2117.3 *15*	0.089 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2117.3 *4*	0.048 *20*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
2117.3 *5*	0.055 *8*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
2117.5 *10*	0.0007 *4*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
2117.6 *6*	0.12 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2117.67 *25*	0.041 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2117.7 *3*	2.0 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2117.8 *5*	0.90 *12*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
2118.0 *3*	45 *5*	^{129}In(0.61 s)	1865.0(32), 769.3(9.1), 1008.3(6.0)
2118.1 *4*	11 *3*	^{100}Ag(2.24 m)	665.54(86), 750.67(>26), 1693.9(14.7)
2118.2 *3*	0.17 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
2118.2 *5*	0.17	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2118.28 *8*	0.734 *19*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2118.28 *8*	1.67 *8*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
2118.40 *6*	1.92 *12*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2118.4 *10*	0.043 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2118.5 *4*	†1.2 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2118.55 *3*	1.14 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2118.6 *7*	0.12 *3*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
2118.6 *3*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
2118.7 *4*	0.35 *11*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2118.8 *3*	0.12 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2118.867 *20*	0.422 *19*	^{88}Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
2118.94 *18*	0.0074 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2119.2 *10*	0.33 *7*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
2119.2 *2*	1.25 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2119.3 *9*	0.040 *15*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
2119.3	0.0070 *20*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2119.4 *4*	0.0017 *4*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2119.4 *5*	0.110 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2119.6 *2*	†2.34 *14*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2119.68 *15*	4.2 *3*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2119.7 *8*	0.053 *20*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
2119.8 *2*	0.089 *8*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2119.9 *3*	0.19 *6*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2119.9 *4*	0.093 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2119.95 *99*	0.06 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2120	>0.010	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
2120.0 *4*	0.121 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2120.2 *3*	0.79 *6*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2120.2 *5*	0.29 *3*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
2120.8 *6*	7.3 *4*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
2120.9 *10*	0.109 *15*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2121.0 *3*	1.61 *11*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
2121.0 *5*	0.15 *3*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2121.2 *3*	0.37 *4*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2121.2 *5*	0.075 *15*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2121.3 *4*	1.85 *25*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
• 2121.3 *4*	0.0047 *22*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2121.4 *1*	0.0035 *7*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
2121.4 *10*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2121.5 *6*	†1.2 *3*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2121.5 *5*	0.018 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2121.6 *10*	0.33 *10*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
2121.8 *5*	0.32 *6*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2121.8 *5*	0.0011 *5*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2121.8 *5*	1.1 *4*	^{148}Er(4.6 s)	1311.8(8.9), 244.0(7.1), 315.3(6.9)
2122.2 *5*	0.18 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 2122.47 *10*	0.197 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2122.60 *9*	1.20 *9*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
• 2122.75 *8*	0.0137 *6*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
2122.80 *20*	0.017 *5*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
2122.8 *1*	0.582 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2123.0 *3*	0.95 *13*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2123.18 *15*	0.28	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2123.2 *8*	2.93 *22*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2123.2 *5*	0.028 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
2123.33 *25*	0.53 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
2123.33 *25*	2.6 *2*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
2123.4 *8*	†3.1 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
2123.66 *7*	0.00259 *17*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2123.8 *2*	0.84 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2123.8 *2*	5.0 *3*	^{85}Y(4.86 h)	231.67(22.8), 767.40(3.6), 535.61(3.46)
2123.8 *1*	2.23 *18*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2123.9 *7*	0.025 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2123.93 *16*	0.041 *3*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
2124.0 *10*	0.07	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2124.3 *13*	†>0.09	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2124.473	100	^{11}Be(13.81 s)	4443.93(100), 7282.92(87.0), 5019.08(85.6)
2124.482 *50*	0.0310 *8*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2124.5 *10*	1.1 *2*	^{94}Rh(25.8 s)	756.23(100), 1430.50(100), 311.70(97.3)
2124.5 *10*	1.5 *2*	^{94}Rh(70.6 s)	1430.50(100), 756.23(51), 1072.50(30.7)
2124.5 *7*	0.143 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2124.7 *4*	0.0015 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2124.7 *4*	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2124.7 *10*	0.25 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2124.8 *3*	†0.8 *2*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
2124.95 *20*	0.180 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2125.0 *6*	0.099 *7*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2125.07 *89*	0.06 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2125.3 *4*	0.0098 *24*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2125.5 *4*	0.26 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2125.65 *12*	0.88 *6*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2125.69 *11*	1.04 *7*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2125.85 *20*	0.19 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2125.9 *2*	1.38 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2126.0 *10*	0.79 *20*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
2126		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
2126.1 *10*	0.039 *11*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
• 2126.11 *10*	0.493 *16*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2126.15 *5*	0.204 *4*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
2126.2 *9*	0.33 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2126.2 *2*	0.22 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
• 2126.3 *4*	0.026 *13*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
2126.3 *6*	0.039 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2126.5 *4*	9.6 *6*	^{29}S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
2126.5 *4*	0.32 *8*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
2126.5 *3*	>0.17	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2126.5 *1*	1.8 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2126.7 *15*	0.20 *8*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
2126.9 *10*	0.090 *8*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2126.9 *4*	0.018 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2127.0 *5*	0.049 *7*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
• 2127.1 *5*	0.0014 *5*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
2127.1 *5*	0.20 *6*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2127.4 *4*	0.00047 *24*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
2127.4 *3*	0.09 *5*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
2127.4 *2*	0.083 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2127.492	15.00 *5*	^{34}P(12.43 s)	4114.54(0.18), 1987.18(0.131), 4074.403(0.069)
2127.492	42.8 *5*	^{34}Cl(32.00 m)	1176.626(14.09), 3304.039(12.29), 4114.54(0.273)
2127.50 *20*	0.77 *5*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2127.51 *20*	0.054 *7*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
2127.52 *7*	1.38 *5*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2127.6 *5*	0.07 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2127.7 *10*	0.0014 *7*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
2127.7 *10*	0.00017	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
2127.8 *5*	†0.9 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 2127.8 *2*	0.0049 *14*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
2127.8 *25*	2.8 *4*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
2127.91 *52*	0.018 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
2128.0 *4*	†0.57 *20*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
2128.1 *4*	1.83 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2128.19 *5*	0.0166 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2128.2		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
2128.30 *7*	5.22 *14*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2128.4 *10*	0.38	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
2128.46 *24*	0.54 *7*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2128.5 *8*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
2128.57 *9*	0.00128 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2128.6 *2*	0.14 *4*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2128.7 *5*	0.08 *3*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
2128.7	1.5	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
2128.75 *9*	0.0469 *18*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
2129.0 *5*	0.32 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2129.0 *3*	0.0045 *18*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
2129.1 *4*	1.33 *11*	^{29}Na(44.9 ms)	54.6(<41), 2560(36), 1638.0(5.9)
2129.1 *6*	0.017 *3*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
2129.1 *10*	0.36 *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: $E_\gamma(I_\gamma)$
2129.2 *5*	0.10 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2129.21 *20*	0.59 *5*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
2129.3	22 *4*	^{23}F(2.23 s)	1701.44(33.0), 1822.4(15.6), 3431.5(8.4)
2129.3 *5*	0.16 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2129.4 *10*	†1.51 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2129.46 *8*	2.20 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2129.5 *3*	0.0021 *5*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2129.5 *7*	0.09 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
2129.53 *16*	2.13 *9*	^{110}In(69.1 m)	657.7622(98), 2211.49(1.76), 2317.54(1.31)
2129.7 *2*	0.98 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2129.9 *4*	0.35 *9*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2130.0 *5*	1.4	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
2130.1 *6*	0.038 *5*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
2130.37 *20*	1.83 *12*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
2130.4 *3*	0.79 *7*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
2130.4 *3*	0.21	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2130.5 *2*	0.124 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2130.5 *2*	0.46 *5*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2130.5 *10*	0.066 *13*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2130.6 *2*	2.88 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2130.7 *5*	†3.1 *12*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
2130.8 *4*	0.019 *6*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
2130.8 *4*	0.51 *6*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
• 2130.9 *3*	0.27 *3*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2131.0 *16*	0.06 *3*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2131.14 *11*	†1.71 *6*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2131.4 *4*	0.036 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
2131.4 *10*	0.42 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2131.5 *4*	0.201 *9*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2131.5 *11*	0.27 *21*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2131.5 *5*	0.210 *21*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2131.5 *3*	0.036 *5*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2131.7 *4*	0.32 *11*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
2131.9 *12*	0.043 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2132.0	0.77 *8*	^{26}Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
2132 *2*	0.007 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2132.1 *1*	0.0411 *12*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2132.1 *3*	0.039 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 2132.1	0.027	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2132.2 *10*	0.61 *6*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
2132.4 *3*	0.13 *5*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2132.4 *10*	0.8 *3*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2132.5 *3*	0.97 *16*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2132.5 *5*	0.18 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2132.7 *3*	0.044 *25*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2132.7 *15*	0.047 *7*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2132.8 *5*	0.54 *7*	^{29}Na(44.9 ms)	54.6(<41), 2560(36), 1638.0(5.9)
2132.8 *6*	†1.2 *3*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
2133.0 *3*	0.021 *8*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2133.03 *20*	1.95 *11*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
• 2133.04 *5*	0.0286 *16*	^{57}Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
2133.1 *8*	0.58 *10*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
2133.1	0.7	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
2133.2 *15*	0.043 *22*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2133.25 *15*	3.4 *5*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
• 2133.42 *5*	0.220 *11*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
2133.47 *50*	0.037	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 2133.7 *5*	0.096 *12*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2133.8 *4*	0.06 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
2133.8 *10*	0.056 *9*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2134.0 *6*	0.11 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2134.10 *20*	0.111 *18*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2134.3 *6*	†0.88 *7*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2134.4 *6*	1.7	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2134.5 *4*	0.051 *11*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
2134.7 *4*	1.11 *7*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2134.7 *15*	†0.34 *13*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
2134.8 *6*	0.10 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
• 2134.81 *9*	0.0087 *25*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
• 2134.89 *15*	0.0270 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
2135	0.018 *13*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
2135.0	0.012 *6*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2135.0 *5*	0.37 *19*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2135.3 *4*	0.0015 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2135.36 *4*	0.0363 *15*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 2135.4 *4*	0.0077 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2135.5 *3*	0.100 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2135.6 *3*	0.0007 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
2135.60 *10*	0.94 *7*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2135.6 *4*	†0.73 *9*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2135.7 *2*	0.106 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2135.8 *2*	0.69 *5*	^{136}I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
2136.0 *20*	†63 *8*	^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
2136.0 *8*	0.10 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2136.2 *4*	0.0048 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
2136.3	0.092 *18*	^{43}Ti(509 ms)	2288.2(4.40), 845.2(2.77), 2458.5(0.91)
2136.4 *4*	0.024 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2136.4 *9*	0.10 *4*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2136.5 *8*	0.5 *2*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
2136.51 *8*	1.25 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2136.58	0.168 *9*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
2136.6	0.032 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
• 2136.7 *2*	0.114 *8*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2136.7 *3*	0.20 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2136.9 *9*	0.54 *25*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2136.9 *3*	0.26 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2136.95 *15*	0.143 *12*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
2137		^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2137.0 *5*	0.3 *4*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
2137.2 *4*	0.036 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2137.4 *9*	0.28 *8*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2137.41 *8*	1.743 *25*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2137.5 *5*	0.0216 *18*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2137.6 *5*	0.032 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 2137.8 *3*	0.0038 *19*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
2137.8 *15*	0.185 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2137.9 *3*	0.77 *20*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2138.0 *6*	†0.3 *1*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
2138.38 *17*	0.083 *16*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2138.39 *5*	1.42 *8*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
• 2138.4 *5*	0.0115 *15*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
2138.62 *10*	0.83 *4*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2138.7 *3*	0.12 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2138.98 *60*	0.031	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2139.0 *4*	0.22 *6*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2139.0 *12*	†>0.27	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2139.0 *9*	>0.06	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
2139.2 *5*	0.067 *18*	^{58}Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
2139.2 *8*	0.42	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
2139.2 *20*	†2.40 *11*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
2139.2 *5*	1.59 *18*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2139.3 *8*	0.52 *10*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2139.33 *18*	0.13 *6*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2139.33 *18*	0.311 *17*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
• 2139.39 *17*	0.073 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2139.5 *5*	0.018 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2139.54	†2.6	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2139.6 *3*	0.034 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2139.76 *8*	9.7	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
2139.98 *21*	0.71 *8*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2140	0.24 *7*	^{51}Fe(305 ms)	237.4(5.0), 1825(0.49), 3423(0.20)
• 2140.0		^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2140.1 *2*	0.039 *4*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2140.20 *10*	7.0 *4*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2140.20 *11*	1.26 *6*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2140.2 *3*	0.104 *15*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
2140.2 *3*	0.00022 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2140.5 *6*	0.062 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2140.5 *3*	0.038 *7*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2140.54 *13*	0.69 *5*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2140.60 *20*	0.95 *11*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
2140.6 *1*	0.204 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2140.6 *9*	†1.8 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2140.6 *5*	0.094 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2140.97 *20*	0.48 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2141.0 *8*	0.037 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
2141 *2*	†1.8 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
2141.06 *10*	0.0070 *5*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2141.1 *6*	0.183 *21*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2141.18 *23*	2.8 *5*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
2141.2 *8*	0.24 *8*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
2141.5 *5*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
2141.5 *15*	†0.38 *13*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
2141.6 *4*	0.098 *9*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
• 2141.88 *20*	0.0147 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2142	†0.7	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2142.0 *10*	0.089 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2142.2 *4*	0.015 *3*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2142.4 *7*	0.41 *6*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2142.8 *3*	0.16 *4*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2142.8 *6*	0.20 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2142.83 *23*	0.336 *21*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
2142.9 *3*	0.215 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2143.1	0.8	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
2143.1 *2*	0.14 *2*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2143.22 *14*	0.67 *5*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2143.222 *50*	0.0160 *8*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2143.40 *15*	0.25 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2143.4 *10*	0.078 *8*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2143.43 *51*	0.13 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2143.45 *20*	0.25 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2143.5 *6*	0.090 *8*	^{55}Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)
2143.5 *5*	0.49 *6*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
• 2143.5 *3*	0.072 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2143.57 *12*	0.160 *18*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2143.67 *17*	0.65 *8*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
2143.7 *6*	0.00092 *14*	^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
2143.8 *4*	0.064 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2143.9 *5*	0.174 *11*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2144 *1*	0.059 *20*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
2144.1 *4*	31.8 *10*	^{51}Sc(12.4 s)	1437.3(52), 1567.5(14.9), 907.2(9.3)
2144.2	0.75 *5*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2144.2	0.0069 *15*	^{44}Sc(3.927 h)	1157.031(99.9), 1499.43(0.912), 2656.41(0.115)
2144.2 *4*	0.70 *7*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2144.2 *3*	0.037 *5*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2144.2 *3*	0.33 *4*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2144.2 *10*	0.23	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 2144.32 *1*	0.109 *6*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2144.38 *23*	0.0007 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
2144.4 *5*	0.066 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
2144.6 *4*	0.034 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2144.64 *9*	0.116 *5*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
2144.7 *3*	0.61 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
• 2144.85 *25*	0.160 *16*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2145.0 *10*	0.103 *22*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2145.0 *10*	0.060 *18*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2145.2 *5*	0.018 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
2145.3 *2*	0.017 *3*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2145.4 *7*	0.009 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
2145.7 *5*	0.75 *10*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
2145.80 *20*	0.056 *10*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
2145.9 *6*	0.029 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2146.0 *5*	0.14	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
2146.05 *7*	0.00304 *17*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2146.7 *5*	0.45 *5*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2146.9 *3*	†2.6 *5*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
2146.97 *20*	0.10	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2147.0 *25*	0.022 *10*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2147.0 *2*	0.519 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2147.0 *3*	†0.22 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2147.0 *10*	0.107 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2147.19 *10*	19.1 *11*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 1700.96(10.8)
2147.2 *3*	0.086 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2147.2 *8*	0.08 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2147.3 *4*	0.57 *19*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2147.4 *6*	†0.34 *7*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
2147.4 *7*	0.05 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2147.6 *3*	0.29 *4*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
• 2147.64 *15*	0.171 *5*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
2147.8 *7*	0.014 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2147.8 *4*	0.016 *5*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2147.9 *5*	0.099 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2148.12 *17*	0.028 *6*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2148.2 *3*	0.154 *20*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
• 2148.27 *17*	0.0248 *14*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2148.3 *4*	0.025 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
• 2148.5 *5*	0.0336 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2148.6 *3*	0.0023 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2148.6 *12*	0.115 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2148.64 *5*	0.047 *3*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2148.7 *2*	0.56 *19*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2148.7 *3*	1.01 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2148.8 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
2148.8 *2*	0.024 *5*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2148.8	0.035 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2148.84 *73*	0.049 *9*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2149.0 *20*	0.070 *15*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2149.0 *20*	0.96 *19*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
2149.1	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2149.2 *16*	0.09 *4*	^{120}In(3.08 s)	1171.3(19), 2039.8(1.86), 703.8(1.42)
• 2149.2 *2*	0.039 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2149.5 *2*	0.00047 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2149.51 *10*	0.277 *12*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2149.6 *5*	0.065 *20*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2149.6 *5*	0.42 *9*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
2149.6 *1*	0.130 *9*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2149.7 *3*	0.284 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
2149.8 *8*	0.31 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2150.0 *10*	0.152 *15*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2150.0 *10*	0.033 *8*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2150.1 *8*	0.020 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2150.1 *5*	0.19 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2150.15 *5*	0.0209 *9*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
2150.15 *5*	0.012 *6*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
2150.3 *5*	0.03 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
2150.3 *2*	0.225 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2150.4 *7*	†2.6 *7*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2150.5 *5*	0.22	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
2150.6 *6*	0.31	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
2150.7 *10*	1.0 *3*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
2150.76	22.7 *5*	^{44}K(22.13 m)	1157.031(58), 2518.95(9.69), 1499.43(7.8)
2150.8 *9*	0.19 *8*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2150.8 *9*	0.12 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2150.9 *3*	†5.4 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2151.00 *20*	0.44 *3*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
2151.1 *2*	0.21 *3*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2151.3 *14*	32 *4*	^{32}Na(13.2 ms)	885.4(60), 239.5(16.6), 1972.8(8.6)
2151.4 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
• 2151.5 *5*	<0.0018	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2151.5 *1*	0.023 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
2151.5 *2*	0.106 *17*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2151.5	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2151.52 *20*	0.14 *3*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
2151.65 *8*	0.201 *20*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
2151.7 *4*	0.54 *12*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2151.7 *5*	0.007 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2151.8 *6*	0.029 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2152.0 *3*	0.25 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2152.0 *8*	0.14 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2152.0 *10*	0.033 *8*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2152.1 *6*	>1.0	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
2152.1 *6*	1.33 *17*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2152.2 *11*	0.37 *23*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2152.5 *5*	0.031 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
2152.6 *3*	0.52 *5*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2152.8 *9*	0.28 *13*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
• 2152.9 *5*	0.0193 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2153.0 *5*	0.024 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
2153.02 *3*	0.085 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2153.2 *8*	†4 *2*	^{130}Sn(1.7 m)	144.9(†100), 899.2(†49), 84.7(†42)
2153.21 *14*	0.20 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
2153.4 *23*	†3.8 *11*	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
2153.56 *23*	0.72 *11*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
2153.60 *20*	0.33 *6*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
2153.65 *19*	0.10 *3*	^{122}In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
2153.65 *19*	0.29 *7*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
2153.8 *3*	0.0044 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2153.81 *15*	1.00 *6*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2153.9		^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2154 *1*	0.55 *7*	^{63}Fe(6.1 s)	994.8(14.0), 1427.2(4.6), 1299.0(1.23)
2154 *1*	0.19	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
2154.0 *10*	0.25 *7*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2154.23 *14*	0.44 *6*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2154.4 *4*	0.23 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
2154.49 *50*	†1.8 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
2154.5 *8*	0.17 *4*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2154.6 *3*	0.97 *16*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
2154.7 *3*	0.34 *4*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2154.7 *10*	0.17 *6*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
2155 *1*	0.025 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2155.15 *9*	0.0290 *16*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
2155.2 *3*	1.0	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
2155.26	0.0015 *15*	^{35}Ar(1.775 s)	1219.42(1.35), 1763.10(0.312), 2693.5(0.1480)
2155.33 *25*	†0.44 *7*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2155.4 *1*	2.20 *24*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
2155.4 *4*	0.09 *4*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 2155.46 *5*	0.120 *7*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
2155.5 *7*	0.17 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2155.64 *15*	0.14	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2155.68 *5*	0.161 *11*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2155.7 *3*	0.79 *18*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
• 2155.7 *2*	0.407 *16*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2155.8 *1*	0.325 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2156.0 *5*	0.069 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2156.0 *15*	0.153 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2156.03 *8*	0.0042 *4*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2156.04 *14*	0.0054 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
2156.05 *17*	0.00035 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2156.10 *30*	2.81 *23*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2156.14 *29*	0.20 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2156.2 *11*	0.375 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2156.4 *5*	0.31 *3*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
2156.5 *5*	0.15 *5*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2156.7 *15*	0.30 *12*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
2156.8 *6*	0.025 *9*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2156.8 *6*	0.42 *4*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
2156.8 *3*		^{146}Dy(29 s)	1915.7, 1876.7, 1801.8
2156.9 *5*	0.08 *4*	^{80}As(15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
2156.9 *5*	0.050 *7*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
2156.94 *13*	0.047 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2157.0 *6*	1.2 *1*	^{92}Tc(4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
2157 *2*	<0.7	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
2157.1 *7*	0.055 *7*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2157.6 *10*	0.38 *8*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
• 2157.7 *5*	0.0099 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2157.75 *18*	0.168 *11*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
2157.9 *20*	0.032 *4*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2158.0 *4*	0.32 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
2158	†0.7	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
• 2158.05 *25*	0.027 *6*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2158.1 *11*	0.027 *8*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2158.17 *23*	0.30 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2158.2 *8*	0.46 *18*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2158.5 *5*	0.038	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2158.5 *5*	0.189 *19*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 2158.57 *10*	0.00111 *18*	^{60}Co(5.2714 y)	1332.501(99.9820), 1173.237(99.90), 346.93(0.0076)
2158.57 *10*	0.0007	^{60}Co(10.47 m)	1332.501(0.24), 826.06(0.008)
2158.57 *10*	3.34 *18*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
2158.6 *20*	0.022 *7*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2158.6 *4*	†2.0 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2158.6 *3*	0.045 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2158.8 *4*	0.088 *19*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
2158.9 *5*	0.09	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2158.9 *4*	0.72 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2159.5 *5*	>0.00025	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2159.5 *5*	>0.0025	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2159.6 *4*	5.0 *9*	^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
2159.7 *7*	0.79 *12*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2159.9 *3*	0.21 *3*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
2159.9 *3*	0.124 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2159.9 *9*	†>0.09	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2159.98 *16*	0.0154 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
2160.0 *5*	0.067 *14*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2160.0 *5*	0.31 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
2160.0 *4*	0.035 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2160.0 *9*	>0.047	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2160.02 *9*	0.53 *4*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2160.4	>0.010	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2160.53 *21*	0.37 *4*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
2160.6 *2*	0.0085 *19*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
2160.6	0.020 *8*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2160.7 *6*	0.086 *11*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2160.8 *6*	0.162 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2160.9 *6*	0.032 *9*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2160.90 *20*	1.02 *6*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
• 2161.18 *10*	0.070 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2161.18 *22*	0.070 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
2161.5 *4*	0.12 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2161.5 *6*	†0.51 *18*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
2161.8 *6*	0.12 *4*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2162.0 *5*	0.112 *18*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
2162.1 *2*	0.039 *4*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2162.2 *8*	0.56 *19*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
2162.4 *15*	0.19 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2162.5 *7*	0.19 *5*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
2162.54 *5*	0.0525 *21*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2162.6 *12*	0.53 *10*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
2162.8 *5*	0.5	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
2162.9 *3*	0.143 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2163.0 *5*	0.0670 *15*	^{47}V(32.6 m)	1793.9(0.19), 159.369(0.107), 244.4(0.094)
2163.0 *3*	0.124 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2163.3 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 2163.39 *20*	0.0055 *6*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
2163.4 *1*	0.119 *12*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2163.4 *4*	0.035 *5*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2163.7 *8*	0.015 *4*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2163.8 *2*	2.6 *3*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
2163.8 *6*	0.008 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
2163.9 *2*	0.76 *8*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2163.9 *6*	0.044 *4*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
2164.0 *3*	6.4 *6*	^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
2164.0	0.18 *4*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
2164.2 *5*	0.035 *20*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
2164.6 *6*	0.042 *9*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
• 2164.86 *2*	0.052 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2165.04 *12*	0.36 *3*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2165.05 *15*	0.43 *7*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
2165.1 *4*	0.58 *19*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2165.47 *30*	0.25 *3*	^{122}In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
2165.5 *2*	1.06 *7*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2165.5 *7*	0.06 *3*	^{190}Re(3.1 m)	186.718(48.4), 557.972(28.2), 223.811(26.0)
• 2165.7 *5*	0.0130 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2165.7 *6*	0.0036 *18*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2165.8 *3*	0.42 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2165.8 *15*	0.07 *6*	^{136}I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
2165.9 *7*	67.8 *16*	^{22}F(4.23 s)	1274.53(100), 2082.5(85.1), 4366.2(12.8)
2166.0 *2*	0.44 *3*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2166.4 *6*	†0.42 *4*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
2166.5 *9*	0.34 *7*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2166.7 *4*	0.014 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2166.9 *1*	0.19 *6*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2167	0.08 *4*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2167.2 *4*	0.087 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
2167.2 *5*	0.31 *6*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
2167.2 *7*	0.26 *8*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
2167.2 *9*	0.21 *7*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2167.3 *3*	0.12 *5*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
2167.3 *4*	0.35 *7*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
2167.3 *7*	0.023 *4*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2167.3 *3*	0.052 *5*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
2167.3 *6*	0.0070 *6*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
2167.4 *8*	0.64 *18*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2167.4 *5*	†0.32 *7*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
2167.405	42.4 *11*	^{38}Cl(37.24 m)	1642.714(31.9)
2167.405	99.858 *13*	^{38}K(7.636 m)	3936.43(0.142), 1769.13(0.0094)
2167.59 *4*	0.0375 *13*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
2167.6 *4*	0.037 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2167.66 *25*	0.29 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2167.8 *2*	0.125 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2167.85 *20*	0.39 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2167.9 *6*	0.042 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2168.0 *4*	†0.44 *6*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2168.18 *22*	0.046 *6*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
2168.2 *11*	0.08 *5*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
2168.24 *14*	0.44 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2168.33 *7*	0.00109 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 2168.54 *9*	0.455 *25*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
2168.7	0.34	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
2168.7 *5*	0.153 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2168.9 *12*	2.1 *7*	^{30}Mg(335 ms)	443.62(71), 243.89(<71), 687.52(2.0)
2168.9 *2*	0.37 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2169.0 *6*	0.12 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2169.0 *3*	†2.3 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2169.1 *3*	†0.23 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2169.30 *7*	0.55 *4*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2169.3 *5*	0.108 *22*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2169.7 *4*	0.014 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2169.7 *5*	0.047 *8*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
2169.8 *3*	0.59 *4*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2169.8 *6*	0.158 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2170 *2*	0.10 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2170.0 *2*	0.91 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2170.0 *5*	0.50 *6*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
2170.02 *10*	0.040 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2170.1 *5*	0.025 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2170.4 *16*	0.05 *5*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2170.4 *10*	0.17 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2170.50 *26*	0.0022 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
2170.6	3.0 *3*	^{36}K(342 ms)	1970.33(82.0), 2432.8(31.8), 2207.87(29.9)
2170.6 *2*	†0.63 *11*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2170.7 *2*	0.150 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2170.7 *15*	0.136 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2170.8 *5*	0.25 *10*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
• 2170.86 *20*	0.0322 *23*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2171.1 *3*	0.0203 *20*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 2171.4 *3*	0.072 *9*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2171.6 *4*	0.86 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2171.7 *1*	5.7 *6*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2316.0(3.5)
2171.95 *10*	0.032 *4*	^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
2172 *2*	0.02 *1*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
2172.0 *4*	0.070 *13*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2172	†1.4	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
• 2172 *2*	0.00098 *20*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
2172.0 *6*	0.136 *25*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
2172.1 *2*	2.27 *12*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2172.2 *4*	0.22 *5*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2172.2 *5*	0.032 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2172.3 *15*	0.11 *5*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
2172.3 *5*	0.035 *13*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
2172.3 *2*	0.050 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
2172.3 *7*	0.046 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2172.6 *5*	†3.3 *12*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
2172.68 *15*	0.207 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2172.9 *4*	0.13 *5*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
2172.9 *4*	0.210 *21*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2173.0 *2*	0.303 *16*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
2173.0 *8*	0.47 *19*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
2173.0 *5*	0.36 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2173.2 *3*	1.31 *19*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
• 2173.28 *4*	0.231 *6*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
2173.3 *1*	>0.11	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
2173.3 *7*	0.032 *4*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2173.4 *5*	0.14 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2173.4 *5*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2173.5 *5*	0.064 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2173.7 *8*	0.054 *20*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2173.7 *6*	0.022 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2173.8 *2*	>0.11	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
2173.9 *3*	0.0164 *20*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
2173.98 *7*	0.231 *12*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2174.0 *5*	0.44 *6*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
2174.32 *15*	6.5 *5*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
2174.4 *8*	>0.07	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
2174.4 *5*	0.088 *24*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2174.5 *5*	0.84 *13*	^{63}Co(27.4 s)	87.13(48.7), 981.7(2.11), 155.6(1.60)
2174.5 *15*	0.42 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
2174.51 *4*	0.047 *7*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2174.7 *3*	0.22 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2175 *1*	0.014 *7*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2175.0 *3*	0.004 *4*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
2175.1 *7*	0.012 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2175.2 *6*	0.034 *9*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
2175.31 *14*	0.29 *3*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
2175.4 *3*	0.088 *20*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2175.59 *2*	0.59 *8*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
2175.6 *4*	7.00 *21*	^{95}Y(10.3 m)	954.00(16), 3576.0(6.4), 1324.0(4.91)
2175.8 *20*	0.032 *10*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2175.8 *5*	0.08 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2176 *2*	0.052 *15*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2176.0 *19*	0.24 *3*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
2176.0 *3*	†3.9 *5*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
2176.1	0.10 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2176.2 *8*	†0.06 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2176.25 *25*	0.28 *4*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2176.30 *30*	0.50 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2176.50 *5*	0.1184 *24*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2176.5 *10*	†20 *4*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
2176.5 *4*	0.072 *12*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2176.61 *6*	0.0348 *15*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2176.725 *24*	0.033 *4*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2176.8 *6*	0.0040	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2177.1 *7*	0.21 *4*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
2177.3 *3*	0.36 *3*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2177.37 *11*	0.048 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2177.5	0.08	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2177.5 *1*	1.8 *3*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2177.6 *6*	0.29 *4*	^{55}Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)
2177.6 *7*	0.44 *9*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
2177.6 *12*	0.008 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2177.7 *8*	0.054 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2177.8 *10*	†0.6 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
2177.8 *10*	0.35 *4*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2177.9 *4*	0.20 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 2178.0 *5*	0.0188 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 2178.1 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2178.1 *5*	†4.2 *17*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
2178.30	2.3 *5*	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
2178.4 *2*	0.88 *6*	^{136}I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
2178.5 *5*	0.039 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2178.7 *8*	0.076 *14*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2178.98 *15*	0.29 *4*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
2179.0 *5*	2.6 *9*	^{120}In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
2179.02 *8*	0.0022 *6*	^{20}O(13.51 s)	1056.818(99.979), 3488.16(0.017), 2431.48(0.0059)
2179.08 *14*	0.48 *4*	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
2179.1 *4*	†1.5 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2179.2 *8*	0.21 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
2179.3 *12*	0.10 *7*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2179.3 *3*	0.212 *12*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2179.4 *3*	0.95 *3*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
2179.49 *20*	0.29 *4*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2179.50 *25*	0.278 *21*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
2179.59	†4.8	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2179.6 *7*	0.025 *9*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
2179.6 *2*	0.255 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2179.6	0.044 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2179.69 *10*	0.30 *3*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2179.7 *5*	0.0040 *17*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
2179.9 *4*	2.05 *23*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
2180.0 *15*	>2.7×10^{-5}	^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
2180.0 *3*	0.36 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2180.1 *3*	0.36 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2180.1 *3*	†0.92 *19*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
2180.2 *4*	0.045 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2180.3 *8*	0.06 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2180.6 *1*	†0.36 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2180.66 *4*	2.51 *15*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2180.7 *6*	0.110 *15*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
2180.8 *10*	0.033 *8*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
2180.9 *4*	0.031 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2180.9 *9*	0.52 *10*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 2180.91 *12*	2.142 *13*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2181	†1.0	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2181.05 *23*	†1.7 *5*	^{93}Tc(43.5 m)	2644.55(†42.7), 943.33(†8.7), 3129.0(†6.4)
2181.2 *1*	0.105 *9*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2181.4 *6*	0.14	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2181.5 *7*	1.94 *8*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
2181.54 *12*	1.16 *10*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
2181.6 *3*	0.18 *5*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
2181.7 *15*	0.17 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2181.8 *7*	0.0013 *8*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2181.9 *1*	0.44 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2182.0 *13*	0.30 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2182.0 *3*	0.223 *25*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
2182.0 *4*	0.070 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2182.0 *4*	†0.71 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
2182.0 *7*	0.143 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2182.1 *9*	0.11 *4*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2182.1 *2*	0.075 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2182.3 *5*	0.31 *8*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
2182.30 *14*	0.026 *3*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2182.4 *2*	0.57 *9*	^{94}Sr(75.3 s)	1427.7(94), 723.8(2.40), 703.9(2.13)
2182.5 *5*	0.24 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
2182.6 *1*	0.42 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2182.6 *5*	0.18 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
2182.6 *5*		^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
• 2182.61 *9*	0.039 *10*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
2183.0 *15*	0.03 *1*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
2183.0 *9*	0.008 *6*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2183.1	†5.5	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
2183.4 *3*	1.00 *18*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2183.4 *3*	0.42 *5*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2183.4 *3*	0.24 *7*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2183.5 *10*	0.13 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
2183.6 *5*	0.37 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2183.68 *7*	0.0221 *13*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2183.7 *2*	0.039 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2183.7 *10*	0.038 *4*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2183.8 *2*	0.134 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
• 2183.9 *5*	0.0394 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2184	0.17 *4*	^{26}Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
2184.2 *9*	0.17 *5*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
2184.3 *2*	6.2 *9*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
2184.48 *20*	0.34 *6*	^{17}N(4.173 s)	870.71(3.3), 3842.3(<0.007)
2184.6 *1*	0.157 *7*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
2184.6	†18	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
2184.6 *2*	0.063 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2184.7 *2*	0.163 *24*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2184.7 *2*	†2.00 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2184.79 *15*	0.00027 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2184.8 *2*	1.53 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2184.88 *11*	0.032 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
2184.9 *3*	0.100 *17*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
2185.0 *3*	†5.1 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2185.1	0.31	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
2185.20 *17*	0.50 *4*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2185.2 *2*	0.370 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
2185.2 *7*	0.114 *14*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2185.6 *3*	0.06 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2185.662 *7*	0.694 *13*	^{144}Pr(17.28 m)	696.510(1.3), 1489.160(0.278), 1387.9(0.00672)
2185.7 *8*	0.30 *15*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
2185.7 *5*	0.00024 *6*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2185.9 *3*	0.64 *8*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
2186	†1.9	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2186.1 *4*	0.074 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2186.2 *4*	0.0030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 2186.242 *25*	1.4×10^{-6} *3*	^{90}Y(64.10 h)	
2186.242 *25*	17.96 *16*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
2186.3	0.026 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2186.4 *2*	†4.0 *10*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2186.5 *3*	0.29 *6*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
2186.52 *41*	†7.5 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
2186.6 *10*	0.0144 *18*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
• 2186.71 *11*	3.485 *17*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2186.8 *3*	0.20 *4*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2186.9 *9*	0.0066 *22*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
2186.95 *20*	2.9 *4*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
2187.0 *6*	4.1 *9*	^{29}S(187 ms)	1383.51(19), 1953.83(17.02), 2422.5(15.5)
2187.0 *10*	0.032 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2187.0 *6*	0.007 *3*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2187.10 *16*	9.9 *6*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 722.12(7.7)
2187.2 *10*	3.70 *10*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
2187.3 *10*		^{77}Ga(13.2 s)	469.4(†100), 458.6(†48), 1242.3
2187.3 *4*	†0.37 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2187.55 *10*	0.152 *23*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
2187.7 *3*	0.066 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2187.8 *2*	0.36 *4*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
2187.8 *3*	0.018 *8*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2188.0 *7*	0.0016 *8*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2188.0 *10*	†2.6 *3*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2188 *5*	0.34	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
2188.2 *1*	1.18 *6*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
2188.3 *4*	0.11 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2188.4 *15*	0.20 *6*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
2188.44 *10*	0.0081 *9*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2188.5 *15*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
2188.6	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2188.6 *2*	0.20 *6*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
2188.65 *7*	†2.43 *8*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
2188.7 *3*	†0.34 *6*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2188.79 *25*	0.125 *18*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2189.0 *4*	0.30 *3*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2189.0 *7*	0.037 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
2189 *3*	0.017 *5*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2189.10 *20*	0.041 *6*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
2189.19 *72*	0.052 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
• 2189.3 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2189.3 *8*	0.023 *5*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2189.3 *10*	0.084 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2189.4	0.7	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
2189.4 *5*	0.009 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2189.4 *2*	0.013 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
2189.4 *7*	0.11 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
2189.5 *4*	0.025 *4*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2189.5 *3*	1.65 *18*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
2189.7 *8*	0.28	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
2189.8 *4*	0.020 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2189.85 *6*	5.60 *7*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
2189.9 *6*	0.16 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2190.0 *9*	0.026 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2190.08 *5*	0.055 *4*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
2190.1 *6*	0.078 *18*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2190.2 *5*	0.54 *10*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
2190.2 *3*	0.076 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2190.3 *5*	0.058 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2190.5 *1*	1.78 *18*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
2190.5 *3*	2.7 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2190.6 *6*	0.210 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2190.7 *1*	†0.086 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2190.8 *1*	0.169 *11*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
2190.8	0.19	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
2190.8 *7*	>0.07	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
2190.9 *15*	0.034 *5*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2190.95 *15*	0.16	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2191.0 *8*	0.32 *12*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
2191.1 *5*	0.043 *7*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
• 2191.15 *15*	1.59 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 2191.49 *20*	0.0159 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
2191.5 *3*	0.113 *12*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2191.5 *3*	†3.3 *4*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
2192.0 *20*	0.034 *8*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2192.0 *3*	0.28 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
2192.1 *2*	1.86 *23*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2192.1 *2*	0.175 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2192.2 *8*	0.8 *3*	^{131}In(0.282 s)	2434.03(90), 4487.00(2.76), 3989.75(2.66)
2192.29 *5*	0.260 *7*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
• 2192.3 *4*	0.35 *6*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2192.32 *13*	0.34 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2192.33 *20*	0.23	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2192.35 *25*	0.29 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2192.42 *14*	0.003 *3*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
2192.43 *4*	0.206 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2192.46 *10*	0.31 *4*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
2192.6 *2*	0.032 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2192.7 *7*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2192.84 *10*	0.008 *4*	^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2192.9 *3*	0.16 *5*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2192.9 *3*	0.110 *10*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
• 2192.96 *5*	0.0355 *20*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
2193 *2*	†2.1 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
• 2193.2 *5*	0.0018 *6*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2193.2 *4*	0.055 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2193.30 *10*	0.00490 *20*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
2193.30 *10*	0.0025 *5*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
2193.4 *14*	3.1 *4*	^{31}Na(17.0 ms)	2243.9(10.4), 171.1(4.8), 2022.2(3.8)
2193.4 *2*	0.33 *17*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2193.6 *4*	0.42 *12*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
2193.65 *5*	0.57 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
• 2193.7 *4*	2.0 *4*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2193.8 *2*	0.37 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
2193.8 *15*	0.087 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2194.0 *10*	0.13 *6*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
2194.0 *6*	0.019 *3*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
2194		^{158}Ho(21.3 m)	406.14(†100), 838.9(†84.3), 1484.1(†66.2)
2194.2 *7*	0.028 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2194.21 *57*	0.29 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2194.3 *5*	0.81 *8*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
2194.4 *7*	0.28 *8*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
2194.7 *6*	†1.3 *5*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
2194.9 *5*	0.29 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2195.0	0.097 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
2195.2 *2*	9.24 *22*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
2195.2 *2*	0.099 *10*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2195.43 *8*	0.84 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
2195.5 *4*	0.110 *11*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2195.58 *30*	0.016 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
2195.6 *3*	1.38 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2195.6 *6*	0.088 *20*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2195.7 *4*	†1.8 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2195.8 *4*	0.12 *6*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2195.842 *7*	13.18 *10*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 834.830(12.98)
2195.9 *4*	0.25 *7*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2195.99 *23*	0.35 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
2196.0 *4*	0.19 *4*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2196.0 *2*	0.0027 *18*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2196.02 *20*	13.3 *9*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 657.77(10.0)
2196.1 *10*	0.15 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 2196.3 *4*	0.0050 *14*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2196.38 *22*	1.40 *20*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
2196.4 *4*	0.015 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2196.5 *4*	0.211 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
2196.5	0.019 *6*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2196.5 *5*	0.024	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2196.9 *2*	0.30 *3*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2197.0 *5*	0.11 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
2197.2 *5*	0.74 *9*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
2197.4 *3*	0.143 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2197.7 *3*	0.22 *6*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
2197.84 *7*	0.099 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2197.95 *8*	0.49 *4*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
2197.95 *10*	0.33 *3*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
• 2197.95 *8*	0.0149 *18*	^{74}As(17.77 d)	595.847(59), 608.353(0.552), 1204.208(0.285)
2198.4	†4.7	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
2198.4 *7*	0.338 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2198.5 *10*	0.012 *4*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
2198.9 *15*	0.056 *13*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
2199.1 *7*	0.52 *10*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
2199.45 *14*	1.46 *7*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
2199.60 *20*	0.298 *19*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
• 2199.6 *13*	0.012 *6*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2199.8 *4*	0.11 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
2199.8 *8*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2200.1	0.012 *12*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
2200.7 *2*	0.69 *11*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
2200.85 *11*	1.16 *17*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
2200.9 *3*	0.48 *6*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2200.9 *1*	0.225 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
• 2200.9 *3*	0.0538 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2201 *1*	0.23 *8*	^{102}Tc(5.28 s)	475.070(7), 468.59(0.88), 865.5(0.87)
2201.0 *3*	0.11 *7*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2201	0.12	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
2201.0 *10*	0.38 *7*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 2201.019 *17*	0.0388 *19*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
2201.04 *6*	0.683 *25*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
2201.2 *4*	0.044 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2201.2 *8*	0.127 *25*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
2201.30 *30*	0.58 *5*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
2201.3 *3*	0.072 *22*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2201.6 *5*	0.062 *16*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
2201.69 *5*	25.9 *5*	^{72}Ga(14.10 h)	834.01(96), 629.95(24.8), 2507.82(12.78)
• 2201.69 *5*	0.484 *15*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2201.7 *5*	0.11 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
2201.8 *7*	0.010 *7*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2201.9 *2*	0.023 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
2201.9 *3*	†4.77 *23*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2202	1.1 *3*	^{25}Ne(602 ms)	89.53(95.5), 979.77(18.1), 1069.30(2.3)
2202.0 *20*	0.063 *15*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2202.09 *6*	0.0450 *19*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2202.14 *7*	3.2 *3*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
2202.2 *7*	†5.4 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
2202.2 *3*	0.75 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
2202.2 *7*	0.187 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2202.2 *10*	0.139 *15*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2202.5 *7*	0.07 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2202.6 *10*	0.036 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2202.90 *20*	9.5 *8*	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
2203.0 *3*	0.127 *25*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2203.0 *5*	0.13 *3*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2203 *2*		^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
• 2203 *1*	0.0008 *4*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
2203.0 *20*	0.052 *13*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
2203.0 *5*	0.049 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
2203.4 *1*	0.45 *3*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2203.4 *5*	7.4×10^{-5} *25*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
2203.5 *7*	0.087 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
2203.54 *15*	2.2 *2*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
2203.55	>0.7	^{23}F(2.23 s)	1701.44(33.0), 2129.3(22), 1822.4(15.6)
2203.58	>0.038	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2203.6 *10*	0.09 *4*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
2203.70 *20*	1.60 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
• 2203.7 *2*	0.182 *10*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2203.8 *4*	0.07 *1*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2203.85 *10*	2.23 *18*	^{130}In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
2203.86 *16*	1.37 *10*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2203.9 *8*	0.17 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
• 2204.0 *13*	0.012 *6*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2204 *1*	0.036 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
2204.1	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2204.2 *6*	0.0030 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2204.2 *10*	0.079 *10*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2204.2 *2*	0.0044 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
2204.21 *4*	4.86 *9*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
2204.34 *17*	0.234 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2204.4 *2*	†0.086 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2204.5 *15*	0.026 *10*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
2204.6 *3*	0.58 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2204.6 *6*	0.045 *22*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
2204.64 *6*	0.138 *6*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
2204.7 *3*	0.8	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
2205.0 *4*	0.030 *3*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
2205.12 *50*	0.05 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
2205.2 *5*	0.30 *8*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
2205.2 *5*	0.9 *2*	^{128}In(0.72 s)	831.54(100), 1168.80(100), 120.54(11.1)
2205.2 *10*	0.062 *12*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
2205.3 *5*	0.16 *5*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
• 2205.3 *4*	0.0340 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 2205.38 *5*	0.878 *7*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 2205.4		^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2205.6 *6*	0.039 *12*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
2205.7 *3*	4.8 *5*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
2205.722 *13*	1.27 *3*	^{50}Sc(102.5 s)	1553.768(100), 1121.124(99.5), 523.792(88.7)
2206.0 *3*	0.20 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
2206.0 *3*	†3.5 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
2206.1 *3*	0.69 *8*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
2206.2 *3*	0.18 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
2206.4 *9*	0.45 *24*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2206.5	>0.006	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2206.5 *9*	0.078 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2206.5 *3*	0.084 *17*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
2206.6	0.052 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2206.7 *15*	0.125 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 2206.72 *15*	0.008 *4*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
2206.9 *4*	0.024 *7*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
2207.03 *16*	0.105 *10*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2207.10 *20*	0.49 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2207.2 *5*	0.046 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
2207.2 *7*	0.04 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)

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

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2207.3 *2*	0.0079 *7*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
2207.3 *2*	0.150 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2207.3 *4*	0.35 *6*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
2207.47 *11*	0.162 *11*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
2207.47 *11*	0.319 *14*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
2207.5 *3*	2.1 *3*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
2207.7 *2*	0.064 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
2207.8 *5*	0.10 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
2207.8 *3*	1.01 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
2207.87	29.9 *14*	^{36}K(342 ms)	1970.33(82.0), 2432.8(31.8), 4440.2(8.0)
2207.9 *7*	0.013 *4*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
2208.1 *15*	0.036 *8*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
2208.4 *8*	0.47 *19*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
2208.4 *3*	0.058 *19*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2208.5 *7*	0.10 *4*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2208.59 *12*	0.34 *3*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2208.7 *4*	†10 *3*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
2208.8 *5*	0.074 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2208.95 *20*	†3.4 *10*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
2209.0 *2*	0.84 *5*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
2209.0 *3*	0.060 *6*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
2209.0 *3*	0.47 *19*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
2209.1 *7*	0.037 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2209.2 *9*	0.10 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
2209.2 *4*	0.41 *4*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
2209.6 *5*	0.0028 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
2209.76 *8*	0.79 *6*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
2209.8 *7*	0.09 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2209.9 *4*	1.74 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
2210.0 *2*	13 *3*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
2210.0 *3*	1.57 *22*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
2210.22 *4*	0.69 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
• 2210.35 *2*	0.054 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2210.49 *6*	0.0610 *23*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
2210.5 *9*	<1.6	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2210.6 *4*	0.041 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2210.7 *4*	0.21 *6*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
2211.0 *7*	0.180 *13*	^{27}Si(4.16 s)	2981.82(0.026), 1014.42(0.0172), 1720.3(0.0122)
2211.1 *5*	0.53 *8*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
2211.1 *4*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
2211.1 *4*	0.094 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2211.2 *4*	0.075 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2211.3 *7*	0.50 *13*	^{30}Na(48 ms)	1040(10.6), 336(2.65), 1638.0(0.80)
2211.49 *10*	1.76 *7*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2317.54(1.31)
2211.53 *35*	0.16 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
2211.60 *20*	0.43 *4*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
2211.7 *4*	0.039 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2211.7	0.26	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
2211.7	†0.8	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 2211.83 *12*	0.0984 *23*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
2211.9 *5*	0.10 *4*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
2211.9 *3*	0.6	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
2212.0 *4*	9.6 *8*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
2212.0 *6*	0.85 *12*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2212.0 *20*	3.4 *4*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
2212.07 *14*	0.23 *3*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
2212.09 *22*	0.233 *21*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
2212.1 *3*	0.133 *11*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
2212.1 *2*	0.0041 *6*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2212.4 *5*	0.14 *7*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
2212.6 *4*	0.25 *6*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 2212.71 *23*	0.0044 *19*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
2212.8 *8*	0.064 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2212.8 *4*	1.49 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
2212.8 *4*	0.21 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2212.9 *5*	0.62 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
2212.9	0.019 *6*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2212.9 *3*	0.0099 *18*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
2212.92 *15*	0.82 *6*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
• 2212.933 *18*	0.350 *10*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
2213.0 *15*	0.32 *13*	^{117}Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
2213.24 *6*	0.320 *19*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
• 2213.4 *5*	0.0064 *14*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2213.6 *1*	0.21 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
2213.75 *15*	0.136 *4*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
2214.1 *3*	1.19 *20*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
2214.1 *8*	†3.1 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
2214.19 *15*	0.178 *13*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 2214.19 *15*	0.0304 *21*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
2214.33 *10*	1.59 *21*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
2214.36 *8*	2.24 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
2214.6 *5*	0.016 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
• 2214.62 *20*	18.7 *13*	^{188}Ir(41.5 h)	155.032(29.7), 632.99(18), 477.99(15)
• 2214.65 *45*	0.010 *5*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
2214.7 *6*	†0.30 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
2214.8 *1*	0.0053 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
2214.8 *5*	0.036 *7*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
2214.9 *5*	0.011 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2215.0 *2*	†22.0 *12*	^{82}Ga(0.602 s)	1348.07(†100), 867.46(†13.4), 1909.34(†10.6)
• 2215.15 *15*	0.180 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
2215.3 *4*	5.7 *9*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
2215.3 *3*	0.093 *13*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
2215.51 *15*	0.024 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
2215.6 *5*	0.09	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
2215.9 *20*	0.032 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2215.9 *21*	0.022	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
2216	†7.6	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
2216.1 *1*	1.59 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
2216.10 *12*	0.81 *6*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2216.2 *4*	0.183 *21*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
2216.24 *15*	0.55 *5*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
2216.29 *14*	0.35 *2*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
2216.32	0.0935 *21*	^{25}Na(59.1 s)	974.72(14.95), 585.03(13.00), 389.70(12.68)
2216.35 *24*	0.53 *7*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2216.4 *5*	0.15 *6*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2216.5 *3*	0.24 *4*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
2216.60 *12*	0.67 *6*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
2216.6 *9*	0.09 *4*	^{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: $E_\gamma(I_\gamma)$
2216.8 *4*	0.92 *18*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
2216.8 *4*	0.0024 *9*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
2216.80 *15*	0.55 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
2216.9 *5*	0.11 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
2217.1 *3*	0.46 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
2217.1 *3*	1.5 *4*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
2217.1 *4*	0.0157 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
2217.3 *6*	0.021 *5*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
2217.3 *5*	0.14 *6*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
2217.5 *3*	0.31 *4*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
2217.9 *6*	0.082 *11*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
2218	†0.41	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
2218.00 *10*	15.2 *3*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
2218.0	†0.31	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
2218.0 *10*	†>0.09	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
2218.2 *10*	3.9	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
2218.2 *3*	0.28 *4*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
2218.3 *5*	0.09 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
2218.34 *30*	0.087 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
2218.5 *12*	0.07 *3*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
2218.5 *4*	0.220 *21*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
2218.5 *3*	0.075 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2218.76 *18*	0.49 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
2218.8 *4*	0.034 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
2218.9 *7*	0.040 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2218.91 *23*	0.024 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
2219 *2*	0.23 *13*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
2219 *2*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
• 2219.1 *5*	0.191 *19*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2219.2 *4*	0.81 *6*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
2219.3 *14*	0.00019 *6*	^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
2219.3 *10*	0.11 *6*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
2219.4 *3*	1.76 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
2219.49 *20*	0.29	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
2219.6 *10*	0.026 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
2219.8 *15*	0.10 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
2219.89 *25*	1.50 *11*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
2219.9	7.5 *6*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
2219.9 *7*	0.0030 *8*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
2219.9 *3*	0.12	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
2220.47 *20*	0.23	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
2220.70 *21*	0.031 *7*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
2220.9 *4*	0.7 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
2221.0 *10*	1.2 *3*	^{89}Mo(2.04 m)	658.6(5.7), 1272.6(3.7), 844.0(3.7)
2221.1	0.009 *5*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
2221.2 *9*	2.0 *7*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
2221.3 *5*	0.11 *4*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
2221.3 *9*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
2221.4	0.40	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
• 2221.5 *2*	0.088 *6*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2221.6 *6*	0.17 *6*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
2221.7 *3*	†4.5 *3*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
2221.8 *10*	0.93 *14*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
2221.9 *1*	1.31 *19*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
2222.0 *15*	0.09 *2*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
2222.0 *8*	0.04 *2*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
• 2222.0 *5*	0.228 *22*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
2222.0 *7*	0.10 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
2222.1 *4*	0.087 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
2222.34 *3*	0.623 *25*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
2222.4 *7*	0.062 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
2222.4 *2*	0.058 *17*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
2222.49 *12*	0.93 *6*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
2222.5 *10*	0.06 *2*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
2222.6	0.67 *22*	^{42}Ti(199 ms)	611.046(56), 636.4(0.7), 975.25(0.6)
2222.9 *2*	0.73 *15*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
2222.9 *7*	0.132 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
2223.0 *10*	0.036 *5*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
2223.17 *15*	0.118 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
2223.2 *4*	0.45 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
2223.24 *15*	0.165 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
2223.5 *2*	0.053 *6*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
2223.5 *8*	>0.07	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
2223.5 *3*	0.38 *6*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
2223.6 *3*	0.124 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
2223.7 *2*	0.277 *25*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
2223.781 *48*	0.0181 *5*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
2223.8 *3*	0.26 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
2223.9 *3*	38	^{29}Mg(1.30 s)	1397.9(17.3), 960.3(15.8), 1754.1(10.4)
2223.9 *2*	0.81 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
• 2223.9 *5*	0.0157 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
2223.9 *4*	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 2224 *1*	0.000244 *10*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
2224.1 *4*	1.07 *14*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
2224.2 *5*	1.38 *15*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
• 2224.2 *2*	0.037 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2224.3	20 *4*	^{38}P(0.64 s)	1292.0(89), 3516.2(12), 3698.3(10)
2224.3 *5*	0.37 *6*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
2224.5 *15*	0.032 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
2224.58	5.1	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
2224.6 *6*	0.8 *4*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
2224.7 *3*	0.92 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
2224.8 *2*	0.23 *3*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
2224.9 *6*	0.17	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
2225.00 *14*	0.225 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
• 2225.0		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
2225.0 *20*	0.16 *8*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
2225.2 *4*	0.036 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
2225.33 *4*	0.006	^{116}In(14.10 s)	1293.54(1.3), 463.16(0.25), 1252.5(0.031)
2225.33 *4*	0.051 *8*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
2225.33 *4*	14.2 *10*	^{116}Sb(15.8 m)	1293.54(85), 931.800(24.7), 2843.5(1.1)
2225.5 *2*	0.49 *10*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
• 2225.6 *4*	>0.026	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
2225.7 *15*	†7.7 *3*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
2225.7 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
2225.7 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
2225.93 *4*	0.322 *19*	^{96}Y(5.34 s)	1750.42(2.350), 475.33(0.188), 469.33(0.172)
2225.93 *4*	6	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)