

¹³²Sb β⁻ decay (2.79 min+4.10 min) 2004Hu08,2004HuZX

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yu. Khazov, A. A. Rodionov and S. Sakharov, Balraj Singh		NDS 104, 497 (2005)	10-Feb-2005

Parent: ¹³²Sb: E=0.0; J^π=(4⁺); T_{1/2}=2.79 min 7; Q(β⁻)=5509 14; %β⁻ decay=100.0

Parent: ¹³²Sb: E=0+x; J^π=(8⁻); T_{1/2}=4.10 min 5; Q(β⁻)=5509 14; %β⁻ decay=100.0

¹³²Sb(0+x)-E: X=150-250 keV (1989St06).

2004Hu08, 2004HuZX: measured E_γ, I_γ, γγ using CLARION array of 11 clover Ge detectors. The data for only the selected levels and transitions are given in 2004Hu08, full data were obtained as a private communication (2004HuZX). The mixed activity (from the two isomers) is obtained from radioactive ion-beam of ¹³²Sb at 396 MeV deposited in a thick target.

See also ¹³²Sb β⁻ decay (2.79 min) and ¹³²Sb β⁻ decay (4.10 min) datasets from 1974Ke08.

¹³²Te Levels

E(level) [†]	J ^π [‡]	Comments
0.0	0 ⁺	
974.35 [#] 9	2 ⁺	
1665.31 [#] 10	(2 ⁺)	
1671.33 [#] 11	4 ⁺	
1774.77 [#] 11	6 ⁺	
1787.60 [#] 12	(2 ⁺)	
1925.31 [#] 13	(7 ⁻)	
2053.87 [#] 12	(5 ⁻)	
2108.04 [#] 11	(3,4 ⁺)	J ^π : (3,4) (2004HuZX). Additional information 1.
2191.99 14		
2248.90 20	(2 ⁺)	
2363.74 16	(2 ⁺)	
2410.70 [#] 12		
2422.29 [#] 13		
2487.93 [#] 10	(2 ⁺ ,3,4 ⁺)	J ^π : (3,4) (2004HuZX).
2517.46 22		
2553.09 [#] 12		
2577.00 [#] 14		
2601.73 [#] 16		
2608.23 [#] 13		
2665.27 [#] 15		
2763.66 19		J ^π : (3,4 ⁺) (2004HuZX).
2764.40 [#] 11	(4 ⁺)	J ^π : (4,5) (2004HuZX).
2854.50 13		
2884.84 [#] 15		
2917.92 [#] 25		
2967.38 [#] 14		
2971.52 [#] 13		
3015.00 15	(4 ⁺)	
3091.74 14		
3210.4 4		
3211.25 14	(4 ⁺ ,5)	J ^π : (4,5) (2004HuZX).
3234.78 14		
3241.19 23		
3254.8 3		
3261.07 14		

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^{132}Sb β^- decay (2.79 min+4.10 min) 2004Hu08,2004HuZX (continued) ^{132}Te Levels (continued)

E(level) [†]	Comments
3305.95 14	
3335.45 15	
3350.64 17	
3429.36 23	
3478.34 14	
3488.7 3	
3519.30 19	
3525.2 4	
3562.58 14	J ^π : (4 ⁺) (2004HuZX).
3593.09 14	
3629.24 17	
3660.29 13	
3692.91 23	
3710.38 18	
3722.4 3	
3821.1 4	
3858.5 8	
3887.1 3	
3891.20 20	
3942.29 17	
3994.66 17	
4001.64 15	
4002.08 24	
4055.0 3	
4055.31 15	
4076.8 7	
4127.05 22	
4174.0 4	
4260.89 19	
4261.7 3	
4304.7 3	
4325.4 10	
4337.8 4	
4374.9 3	
4382.2 6	
4415.4 7	
4433.8 7	
4439.8 6	
4442.59 14	
4443.5 3	
4467.2 6	
4468.8 6	
4488.59 17	
4489.5 3	
4513.81 18	
4532.8 4	
4534.0 5	
4584.5 6	
4585.1 3	
4588.68 21	
4604.3 6	
4607.29 16	
4654.2 5	
4674.4 20	
4686.9 5	
4714.3 4	

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^{132}Sb β^- decay (2.79 min+4.10 min) 2004Hu08,2004HuZX (continued) ^{132}Te Levels (continued)E(level)[†]4748.9 8
4890.3 10[†] From least-squares fit to $E\gamma$'s.[‡] From Adopted Levels.[#] Level population indicated in the work by 1979MeZO. In addition the authors also list 2701, 8⁺ and ≤ 2731 , 10⁺ levels populated in ^{132}Sb decay. Note that 8⁺ and 10⁺ levels are populated in ^{132}Te IT decay (3.70 μs). $\gamma(^{132}\text{Te})$

<u>E_γ[†]</u>	<u>I_γ[†]</u>	<u>$E_i(\text{level})$</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>
103.36 8	61 13	1774.77	6 ⁺	1671.33	4 ⁺
124.2 2	0.12 4	3091.74		2967.38	
138.05 8	0.65 9	2191.99		2053.87	(5) ⁻
143.0 3	0.07 3	3234.78		3091.74	
150.54 7	44 6	1925.31	(7) ⁻	1774.77	6 ⁺
172.2 2	0.26 6	3478.34		3305.95	
214.22 9	0.6 1	3305.95		3091.74	
237.8 4	0.08 6	2601.73		2363.74	(2) ⁺
243.7 2	0.23 8	3335.45		3091.74	
257.61 8	0.35 5	3593.09		3335.45	
273.7 4	0.23 7	3241.19		2967.38	
276.45 7	0.84 8	2764.40	(4) ⁺	2487.93	(2 ⁺ ,3,4 ⁺)
279.09 9	0.53 2	2053.87	(5) ⁻	1774.77	6 ⁺
287.1 3	0.14 10	3593.09		3305.95	
293.62 7	1.8 1	3261.07		2967.38	
301.4 4	0.04 2	2854.50		2553.09	
325.6 3	0.20 6	3210.4		2884.84	
338.55 9	0.9 1	3305.95		2967.38	
353.69 8	1.9 1	2764.40	(4) ⁺	2410.70	
356.78 9	0.28 5	3211.25	(4 ⁺ ,5)	2854.50	
363.25 12	0.14 9	2971.52		2608.23	
368.49 9	2.4 2	2422.29		2053.87	(5) ⁻
379.9 1	0.37 4	2487.93	(2 ⁺ ,3,4 ⁺)	2108.04	(3,4 ⁺)
382.65 9	7.4 4	2053.87	(5) ⁻	1671.33	4 ⁺
383.2 2	0.9 1	3350.64		2967.38	
384.93 9	0.27 6	2577.00		2191.99	
399.9 9	0.08 2	2763.66		2363.74	(2) ⁺
406.75 10	0.16 6	3015.00	(4) ⁺	2608.23	
436.72 8	1.4 1	2108.04	(3,4 ⁺)	1671.33	4 ⁺
440.98 8	1.4 1	4442.59		4001.64	
443.7 3	0.07 2	2854.50		2410.70	
445.09 8	0.7 1	2553.09		2108.04	(3,4 ⁺)
449.3 1	0.42 3	3710.38		3261.07	
493.7 4	0.04 2	2601.73		2108.04	(3,4 ⁺)
493.95 8	0.34 5	4488.59		3994.66	
496.96 8	4.8 3	2422.29		1925.31	(7) ⁻
500.1 2	0.33 5	2608.23		2108.04	(3,4 ⁺)
501.3 2	0.24 6	3593.09		3091.74	
510.96 8	1.09 14	3478.34		2967.38	
523.24 10	0.4 1	2577.00		2053.87	(5) ⁻
552.0 2	0.30 5	3519.30		2967.38	

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^{132}Sb β^- decay (2.79 min+4.10 min) 2004Hu08,2004HuZX (continued) $\gamma(^{132}\text{Te})$ (continued)

E_γ †	I_γ †	$E_i(\text{level})$	J_i^π	E_f	J_f^π
560.9 2	0.25 5	2971.52		2410.70	
568.8 2	0.16 4	4261.7		3692.91	
569.6 5	0.34 5	3234.78		2665.27	
591.09 9	0.33 7	3562.58		2971.52	
611.36 9	1.9 1	2665.27		2053.87	(5) ⁻
635.9 1	6.2 3	2410.70		1774.77	6 ⁺
655.7 3	0.19 6	2763.66		2108.04	(3,4 ⁺)
657.6 3	0.11 4	3629.24		2971.52	
667.9 3	0.07 3	4260.89		3593.09	
670.3 3	0.09 4	3335.45		2665.27	
688.8 2	0.31 5	3994.66		3305.95	
690.96 10	2.0 3	1665.31	(2 ⁺)	974.35	2 ⁺
695.9 2	0.31 5	4001.64		3305.95	
697.0 1	87 4	1671.33	4 ⁺	974.35	2 ⁺
700.1 3	0.06 1	2487.93	(2 ⁺ ,3,4 ⁺)	1787.60	(2 ⁺)
723.5 4	0.23 5	3211.25	(4 ⁺ ,5)	2487.93	(2 ⁺ ,3,4 ⁺)
730.9 3	0.24 6	3942.29		3211.25	(4 ⁺ ,5)
733.0 3	0.10 3	3994.66		3261.07	
737.3 2	0.12 8	3254.8		2517.46	
740.5 1	0.60 6	4001.64		3261.07	
750.6 2	0.14 4	4443.5		3692.91	
760.4 2	0.20 8	4001.64		3241.19	
776.7 2	0.5 1	2884.84		2108.04	(3,4 ⁺)
782.5 4	0.04 2	4260.89		3478.34	
796.6 2	0.18 4	4489.5		3692.91	
798.2 5	0.03 2	3562.58		2764.40	(4 ⁺)
812.54 10	0.48 6	3234.78		2422.29	
813.25 10	2.3 1	1787.60	(2 ⁺)	974.35	2 ⁺
814.2 3	0.06 3	2601.73		1787.60	(2 ⁺)
816.56 10	6.8 4	2487.93	(2 ⁺ ,3,4 ⁺)	1671.33	4 ⁺
821 1	<0.02	2608.23		1787.60	(2 ⁺)
822.6 1	0.34 3	2487.93	(2 ⁺ ,3,4 ⁺)	1665.31	(2 ⁺)
841.1 4	0.09 3	4534.0		3692.91	
844.1 2	0.16 4	4055.31		3211.25	(4 ⁺ ,5)
849.5 1	1.2 1	4442.59		3593.09	
881.8 1	0.9 1	2553.09		1671.33	4 ⁺
907.0 4	0.14 4	3015.00	(4 ⁺)	2108.04	(3,4 ⁺)
910.2 2	0.12 4	4260.89		3350.64	
921.1 2	0.28 7	4513.81		3593.09	
927.9 4	0.32 6	3593.09		2665.27	
930.3 3	0.66 11	2601.73		1671.33	4 ⁺
936.5 2	0.43 5	2601.73		1665.31	(2 ⁺)
936.9 2	0.4 1	2608.23		1671.33	4 ⁺
955 1	0.05 3	4260.89		3305.95	
964.2 2	0.7 1	4442.59		3478.34	
974.34 10	100 5	974.35	2 ⁺	0.0	0 ⁺
989.67 11	9.1 6	2764.40	(4 ⁺)	1774.77	6 ⁺
1014.25 11	1.0 1	4607.29		3593.09	
1027.4 2	0.43 7	3994.66		2967.38	
1034.2 2	0.39 6	4001.64		2967.38	
1042.1 1	7.4 4	2967.38		1925.31	(7) ⁻
1055.96 11	0.48 9	3478.34		2422.29	
1056.7 3	0.14 4	3821.1		2764.40	(4 ⁺)
1076.2 2	0.17 10	3629.24		2553.09	
1079.77 12	0.26 4	2854.50		1774.77	6 ⁺
1087.76 13	0.27 6	3942.29		2854.50	

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^{132}Sb β^- decay (2.79 min+4.10 min) 2004Hu08,2004HuZX (continued) $\gamma(^{132}\text{Te})$ (continued)

E_γ †	I_γ †	E_i (level)	J_i^π	E_f	J_f^π
1092.0 3	0.18 6	4442.59		3350.64	
1093.04 11	2.8 2	2764.40	(4 ⁺)	1671.33	4 ⁺
1098.3 2	0.17 4	2763.66		1665.31	(2 ⁺)
1103.2 4	0.05 2	3211.25	(4 ⁺ ,5)	2108.04	(3,4 ⁺)
1108.5 2	0.25 6	3519.30		2410.70	
1114.5 3	0.13 9	3525.2		2410.70	
1120.7 4	0.05 2	3722.4		2601.73	
1126.5 3	0.09 4	3891.20		2764.40	(4 ⁺)
1129.0 2	0.6 1	4607.29		3478.34	
1133.8 2	3.4 2	2108.04	(3,4 ⁺)	974.35	2 ⁺
1136.66 18	0.09 3	4442.59		3305.95	
1151.85 16	2.1 1	3562.58		2410.70	
1166.46 13	2.2 1	3091.74		1925.31	(7) ⁻
1169.2 3	0.8 1	4260.89		3091.74	
1170.9 2	1.4 3	3593.09		2422.29	
1181.0 2	0.9 1	3234.78		2053.87	(5) ⁻
1181.6 3	0.13 4	4442.59		3261.07	
1183.3 3	0.64 6	2854.50		1671.33	4 ⁺
1196.7 2	0.95 7	2971.52		1774.77	6 ⁺
1200.9 13	0.06 4	4055.31		2854.50	
1207.64 18	0.26 9	4513.81		3305.95	
1213.55 12	1.4 1	2884.84		1671.33	4 ⁺
1219.0 5	<0.05	3629.24		2410.70	
1219.6 6	0.02 1	2884.84		1665.31	(2 ⁺)
1227.7 9	<0.02	3015.00	(4 ⁺)	1787.60	(2 ⁺)
1238.0 6	0.02 1	4588.68		3350.64	
1238.01 2	0.43 5	3660.29		2422.29	
1240.1 6	0.3 1	3015.00	(4 ⁺)	1774.77	6 ⁺
1246.6 4	0.07 2	2917.92		1671.33	4 ⁺
1252.6 4	0.08 2	2917.92		1665.31	(2 ⁺)
1254.1 2	0.33 6	4488.59		3234.78	
1271.4 3	0.21 9	3692.91		2422.29	
1274.6 2	0.50 5	2248.90	(2 ⁺)	974.35	2 ⁺
1281.8 3	0.22 14	3335.45		2053.87	(5) ⁻
1291.0 8	0.02 1	4055.31		2764.40	(4 ⁺)
1293.3 3	0.15 5	4260.89		2967.38	
1300.2 2	0.44 5	2971.52		1671.33	4 ⁺
1301.4 3	0.10 3	4607.29		3305.95	
1309.46 13	1.2 1	3234.78		1925.31	(7) ⁻
1321.3 2	0.11 3	3429.36		2108.04	(3,4 ⁺)
1338.8 3	<0.1	3891.20		2553.09	
1343.6 3	0.20 5	3015.00	(4 ⁺)	1671.33	4 ⁺
1346.3 2	0.24 5	4607.29		3261.07	
1351.05 15	0.32 6	4442.59		3091.74	
1353.95 16	0.7 1	4588.68		3234.78	
1358.6 4	0.06 4	3722.4		2363.74	(2 ⁺)
1380.7 2	1.0 1	3305.95		1925.31	(7) ⁻
1380.8 3	0.16 4	3488.7		2108.04	(3,4 ⁺)
1389.5 2	0.12 7	2363.74	(2 ⁺)	974.35	2 ⁺
1409.8 5	0.05 3	4174.0		2764.40	(4 ⁺)
1410.2 2	0.8 1	3335.45		1925.31	(7) ⁻
1422.0 2	0.5 1	4513.81		3091.74	
1425.3 2	0.56 7	3350.64		1925.31	(7) ⁻
1436.45 14	1.34 16	3211.25	(4 ⁺ ,5)	1774.77	6 ⁺
1453.2 3	0.04 2	4714.3		3261.07	
1454.5 3	0.09 4	3562.58		2108.04	(3,4 ⁺)

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^{132}Sb β^- decay (2.79 min+4.10 min) 2004Hu08,2004HuZX (continued) $\gamma(^{132}\text{Te})$ (continued)

E_γ †	I_γ †	$E_i(\text{level})$	J_i^π	E_f	J_f^π
1475.0	3	0.15	5	4442.59	2967.38
1480.1	4	0.06	2	3891.20	2410.70
1502.3	2	0.15	5	4055.31	2553.09
1513.6	1	1.24	12	2487.93	(2 ⁺ ,3,4 ⁺) 974.35 2 ⁺
1521.2	4	0.14	4	3629.24	2108.04 (3,4 ⁺)
1523.5	3	0.12	8	3887.1	2363.74 (2 ⁺)
1531.6	3	0.13	3	3942.29	2410.70
1539.6	3	0.48	14	3211.25	(4 ⁺ ,5) 1671.33 4 ⁺
1543.1	2	0.14	6	2517.46	974.35 2 ⁺
1553.1	2	0.7	1	3478.34	1925.31 (7) ⁻
1574.0	2	0.43	5	4127.05	2553.09
1579.8	2	0.30	10	4002.08	2422.29
1633.9	2	0.7	1	2608.23	974.35 2 ⁺
1644.5	2	0.9	1	4055.31	2410.70
1665.3	2	0.02	1	1665.31	(2 ⁺) 0.0 0 ⁺
1667.9	2	1.79	19	3593.09	1925.31 (7) ⁻
1763.2	4	0.22	6	4174.0	2410.70
1766.9	3	1.4	1	3692.91	1925.31 (7) ⁻
1787.6	3	1.6	1	1787.60	(2 ⁺) 0.0 0 ⁺
1815.7	4	0.08	3	4304.7	2487.93 (2 ⁺ ,3,4 ⁺)
1822.1	‡ 4	0.06	3	4488.59	2665.27
1854.3	3	0.25	5	3629.24	1774.77 6 ⁺
1887.2	4	0.29	9	4374.9	2487.93 (2 ⁺ ,3,4 ⁺)
1890	1	0.06	3	3942.29	2053.87 (5) ⁻
1894.6	4	0.09	3	4304.7	2410.70
1924.8	8	<0.04		4532.8	2608.23
1943.5	4	0.33	7	2917.92	974.35 2 ⁺
1947.2	3	0.18	5	4055.31	2108.04 (3,4 ⁺)
1988.9	4	0.16	6	4654.2	2665.27
2011.3	8	<0.04		4374.9	2363.74 (2 ⁺)
2018.8	5	0.24	6	4127.05	2108.04 (3,4 ⁺)
2022.9	6	0.12	11	4076.8	2053.87 (5) ⁻
2032.7	5	0.11	5	4443.5	2410.70
2040.8	6	0.09	3	3015.00	(4 ⁺) 974.35 2 ⁺
2071	1	<0.02		3858.5	1787.60 (2 ⁺)
2100	1	<0.02		3887.1	1787.60 (2 ⁺)
2116.1	4	0.15	4	3891.20	1774.77 6 ⁺
2126	2	0.07	4	4374.9	2248.90 (2 ⁺)
2166	2	0.06	4	4415.4	2248.90 (2 ⁺)
2166.0	8	0.13	5	4588.68	2422.29
2181.5	9	<0.04		4604.3	2422.29
2187	1	0.06	3	3858.5	1671.33 4 ⁺
2194.0	8	0.12	5	4604.3	2410.70
2197.2	5	0.13	10	4304.7	2108.04 (3,4 ⁺)
2219	2	<0.04		4467.2	2248.90 (2 ⁺)
2221.5	9	<0.05		4585.1	2363.74 (2 ⁺)
2222	1	0.05	2	3887.1	1665.31 (2 ⁺)
2225	1	0.04	2	4890.3	2665.27
2248.8	6	0.03	2	2248.90	(2 ⁺) 0.0 0 ⁺
2280.2	5	0.21	5	4055.0	1774.77 6 ⁺
2284.2	5	<0.04		4532.8	2248.90 (2 ⁺)
2307.4	7	0.11	4	4415.4	2108.04 (3,4 ⁺)
2360.7	5	0.05	3	4468.8	2108.04 (3,4 ⁺)
2363.5	3	0.36	4	2363.74	(2 ⁺) 0.0 0 ⁺
2383.6	3	0.33	14	4055.0	1671.33 4 ⁺
2413.7	7	<0.05		4467.2	2053.87 (5) ⁻

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^{132}Sb β^- decay (2.79 min+4.10 min) 2004Hu08,2004HuZX (continued) $\gamma(^{132}\text{Te})$ (continued)

E_γ^\dagger	I_γ^\dagger	$E_i(\text{level})$	J_i^π	E_f	J_f^π	E_γ^\dagger	I_γ^\dagger	$E_i(\text{level})$	J_i^π	E_f	J_f^π
2455 1	<0.05	4127.05		1671.33	4 ⁺	2797 1	<0.03	4584.5		1787.60	(2 ⁺)
2477.0 3	0.23 9	4585.1		2108.04	(3,4 ⁺)	2801 1	<0.03	4467.2		1665.31	(2 ⁺)
2513.9 6	0.17 9	3488.7		974.35	2 ⁺	2829.2 7	0.17 5	4604.3		1774.77	6 ⁺
2563.0 3	0.38 10	4337.8		1774.77	6 ⁺	2912.0 5	0.35 5	3887.1		974.35	2 ⁺
2587.1 4	0.36 9	4374.9		1787.60	(2 ⁺)	2919.0 8	0.16 5	4584.5		1665.31	(2 ⁺)
2633.0 4	0.26 5	4686.9		2053.87	(5) ⁻	3329 2	<0.05	4304.7		974.35	2 ⁺
2665.0 6	0.19 4	4439.8		1774.77	6 ⁺	3351 1	0.08 5	4325.4		974.35	2 ⁺
2695.0 8	0.06 2	4748.9		2053.87	(5) ⁻	3407 2	0.05 2	4382.2		974.35	2 ⁺
2703.4 7	0.12 4	4374.9		1671.33	4 ⁺	3459 1	0.13 7	4433.8		974.35	2 ⁺
2710.9 7	0.23 7	4382.2		1671.33	4 ⁺	3558.0 5	0.27 6	4532.8		974.35	2 ⁺
2717.0 9	<0.05	4382.2		1665.31	(2 ⁺)	3610 2	0.07 4	4584.5		974.35	2 ⁺
2762.7 8	0.04 2	4433.8		1671.33	4 ⁺	3700 2	0.03 2	4674.4		974.35	2 ⁺

[†] From 2004HuZX (preprint from authors of 2004Hu08). The values are for the 2.79-M and 4.10-M activities mixed in the ^{132}Sb beam.

[‡] Level-energy difference=1823.3.

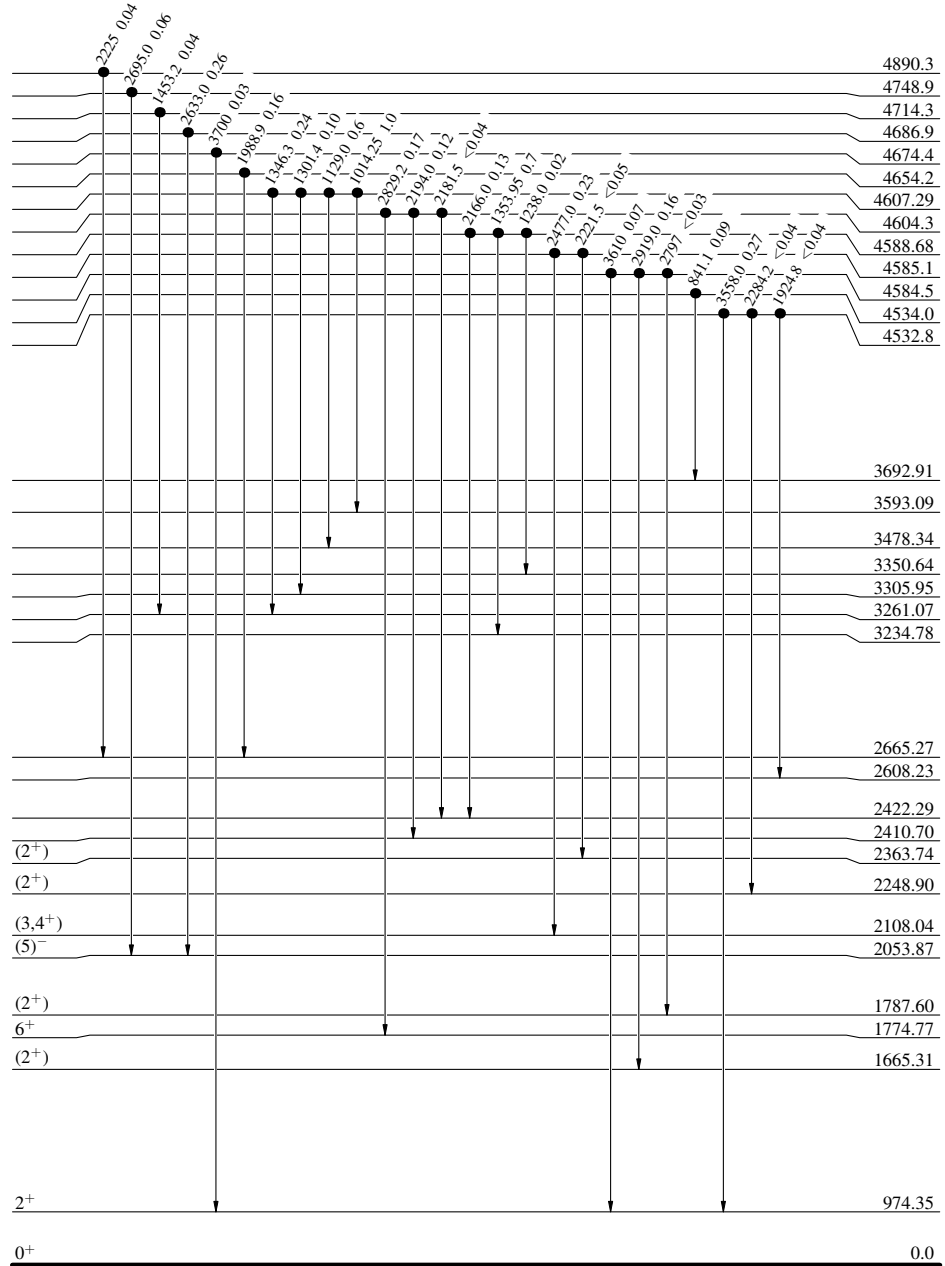
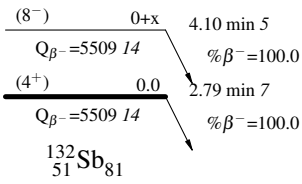
^{132}Sb β^- decay (2.79 min+4.10 min) 2004Hu08,2004HuZX

Decay Scheme

Intensities: Relative I_γ

Legend

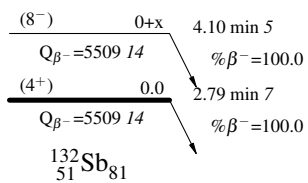
- $I_\gamma < 2\% \times I_\gamma^{\max}$
- $I_\gamma < 10\% \times I_\gamma^{\max}$
- $I_\gamma > 10\% \times I_\gamma^{\max}$
- Coincidence



$^{132}_{52}\text{Te}_{80}$

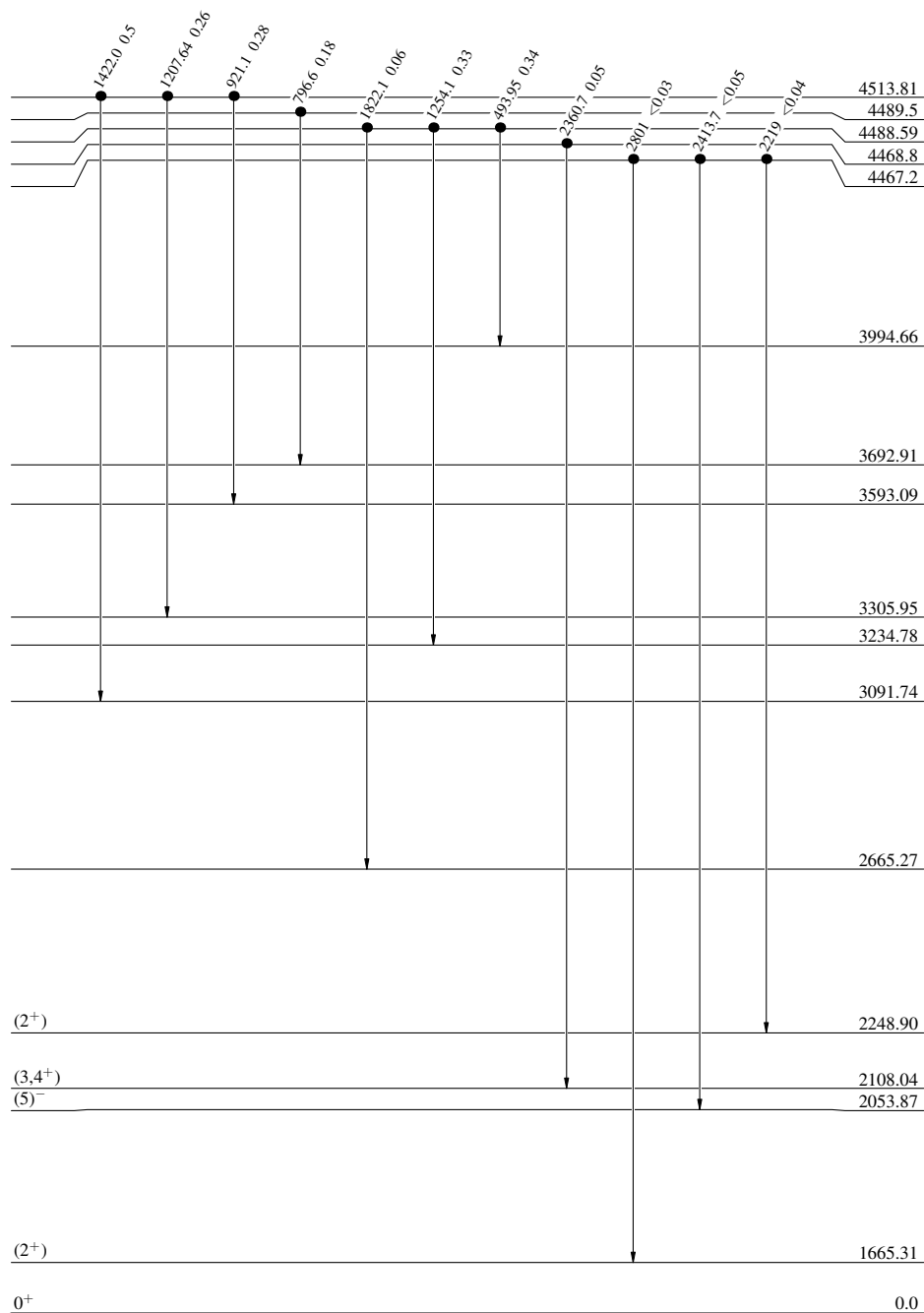
^{132}Sb β^- decay (2.79 min+4.10 min) 2004Hu08,2004HuZX

Decay Scheme (continued)

Intensities: Relative I_γ 

Legend

- $I_\gamma < 2\% \times I_\gamma^{\max}$
- $I_\gamma < 10\% \times I_\gamma^{\max}$
- $I_\gamma > 10\% \times I_\gamma^{\max}$
- Coincidence

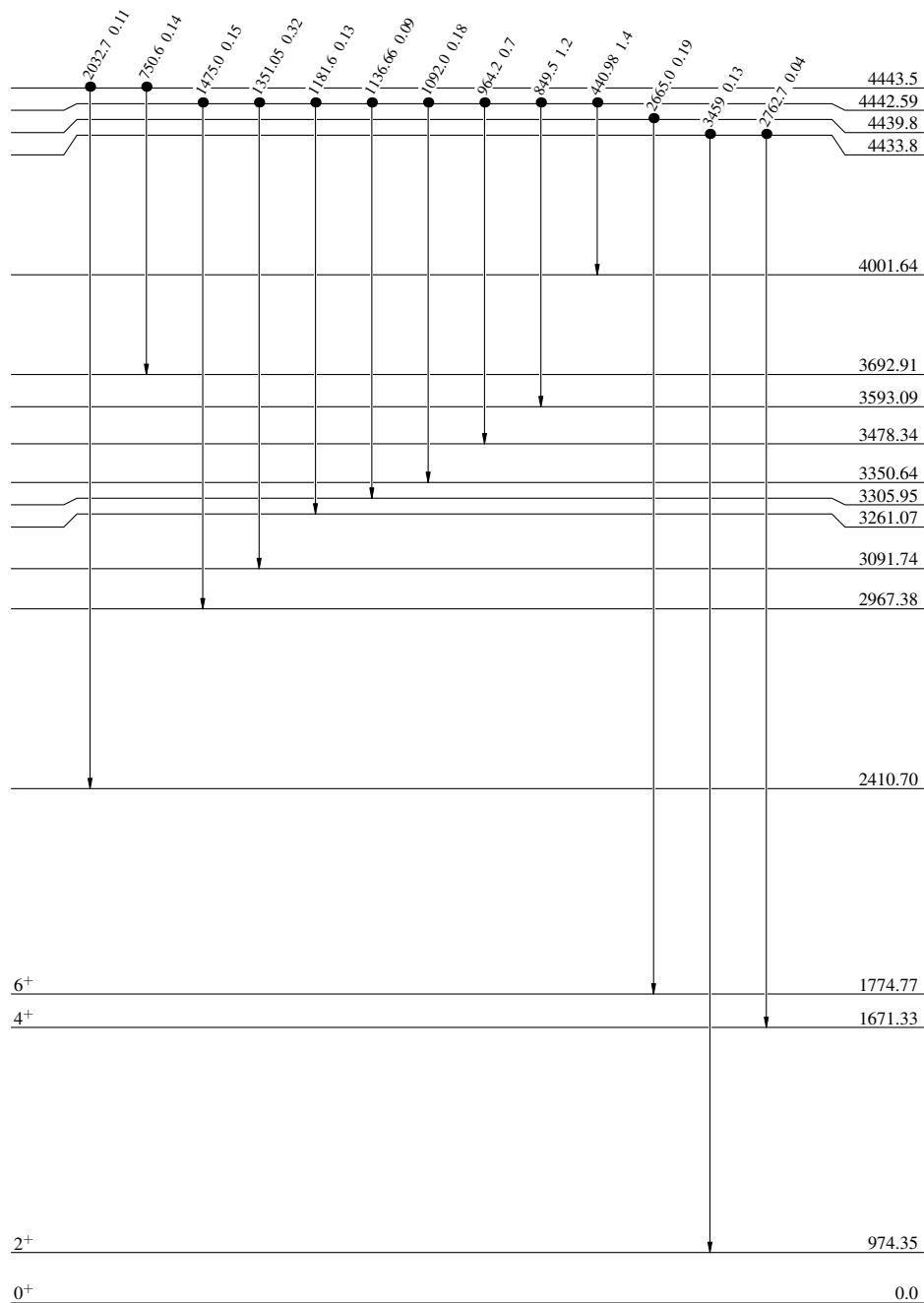
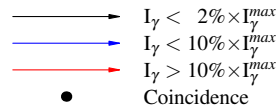
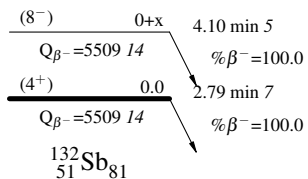
 $^{132}\text{Te}_{80}$

$^{132}\text{Sb} \beta^-$ decay (2.79 min+4.10 min) 2004Hu08,2004HuZX

Decay Scheme (continued)

Intensities: Relative I_γ

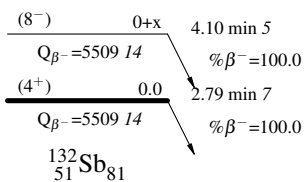
Legend



$^{132}_{52}\text{Te}_{80}$

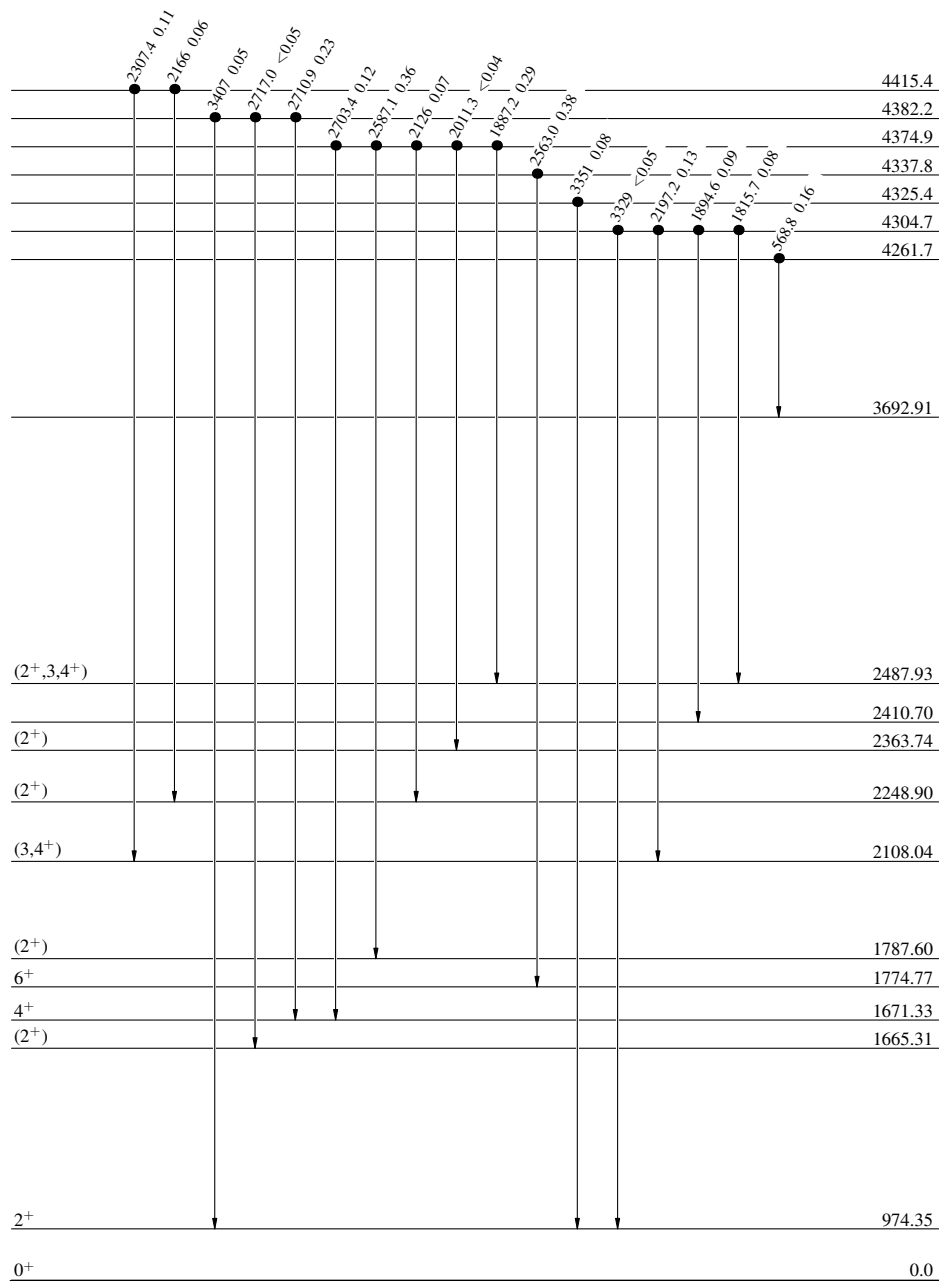
^{132}Sb β^- decay (2.79 min+4.10 min) 2004Hu08,2004HuZX

Decay Scheme (continued)

Intensities: Relative I_{γ}

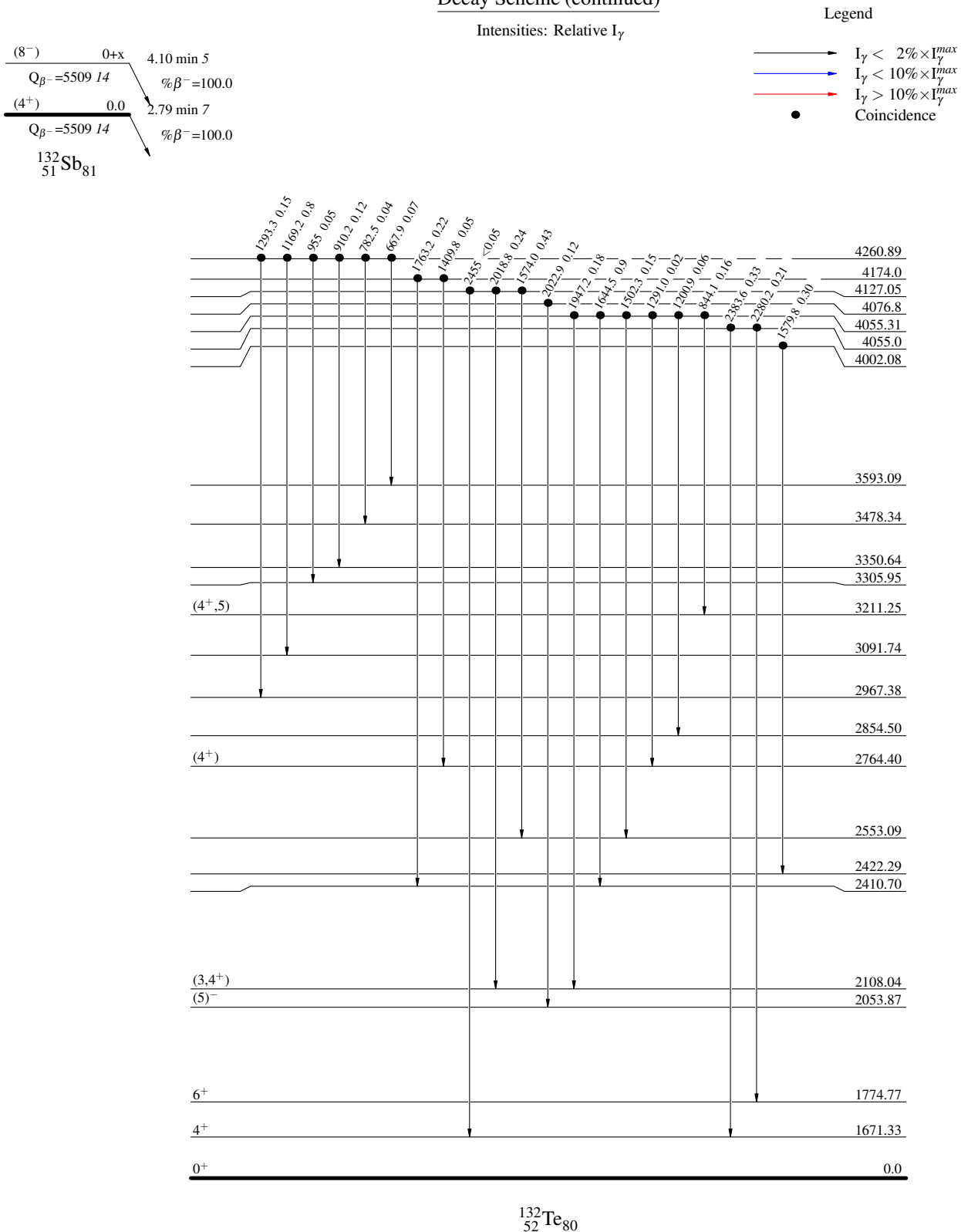
Legend

- $I_{\gamma} < 2\% \times I_{\gamma}^{\max}$
- $I_{\gamma} < 10\% \times I_{\gamma}^{\max}$
- $I_{\gamma} > 10\% \times I_{\gamma}^{\max}$
- Coincidence

 $^{132}_{52}\text{Te}_{80}$

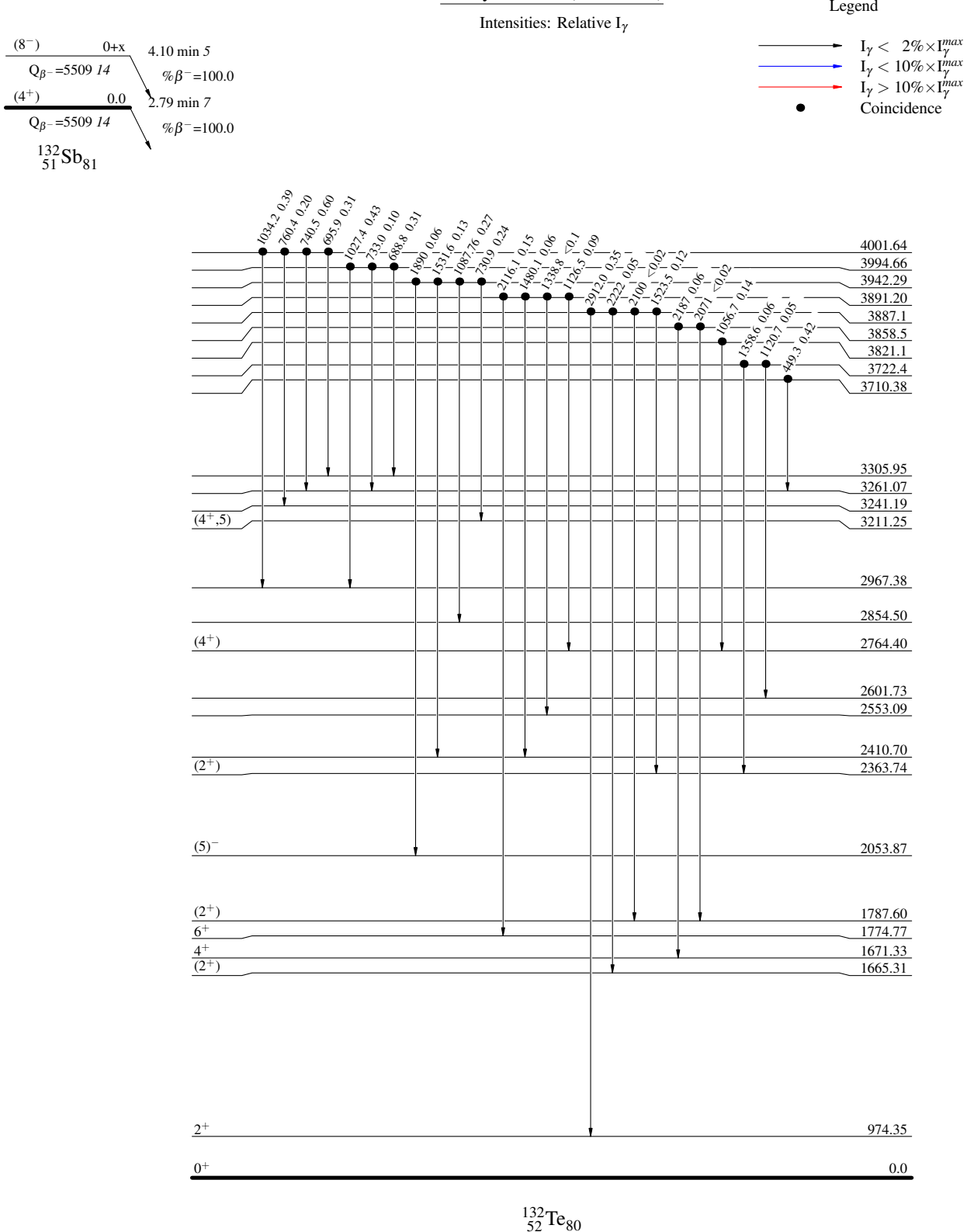
^{132}Sb β^- decay (2.79 min+4.10 min) 2004Hu08,2004HuZX

Decay Scheme (continued)



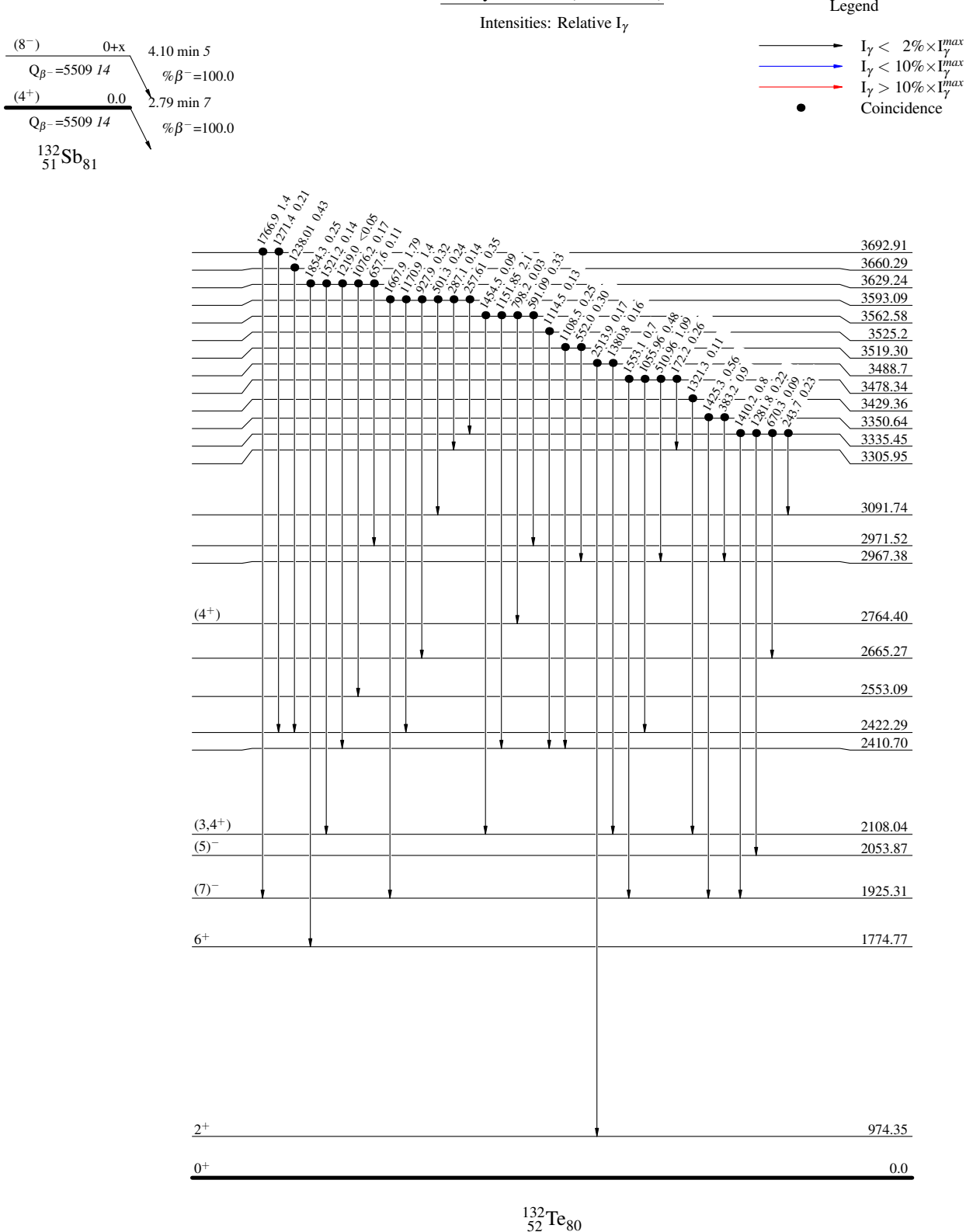
^{132}Sb β^- decay (2.79 min+4.10 min) 2004Hu08,2004HuZX

Decay Scheme (continued)



$^{132}\text{Sb} \beta^-$ decay (2.79 min+4.10 min) 2004Hu08,2004HuZX

Decay Scheme (continued)



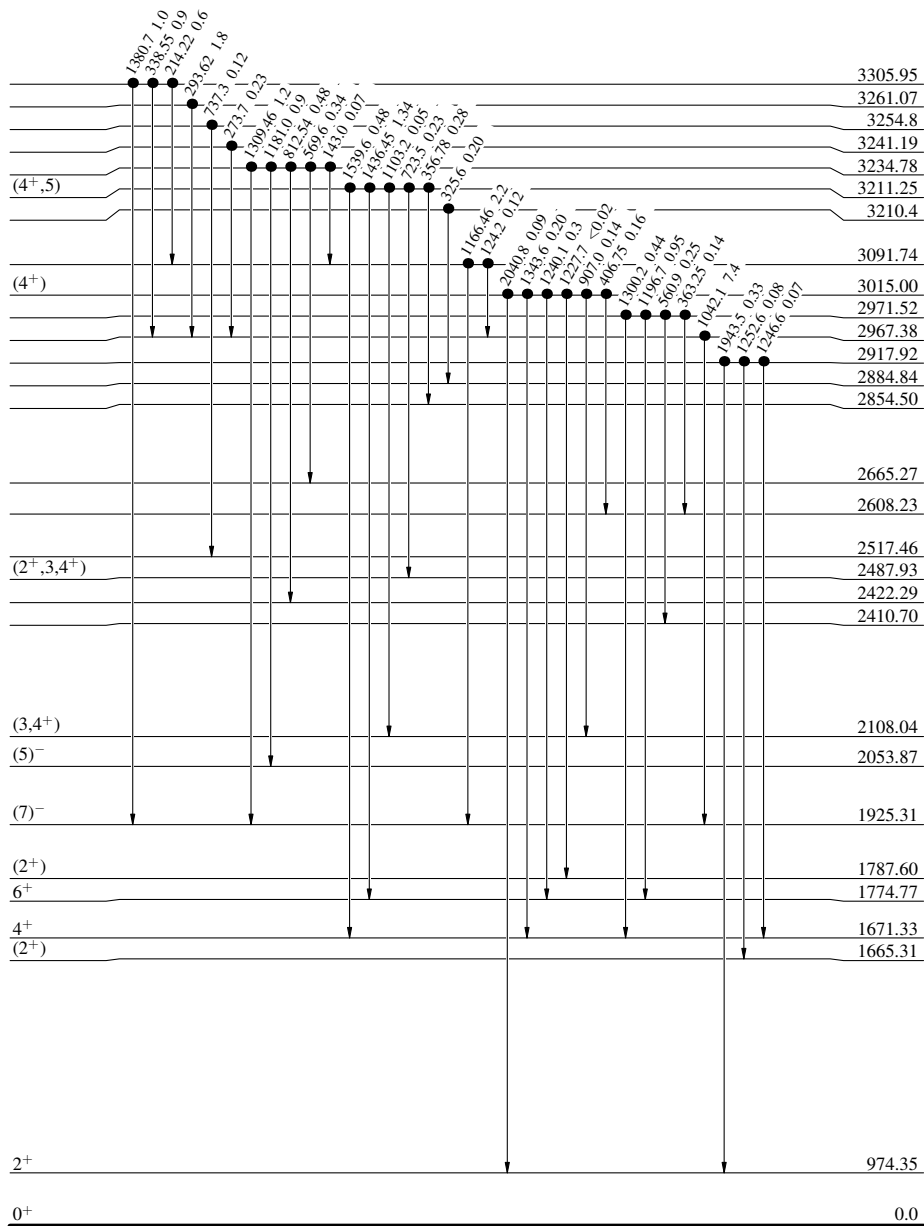
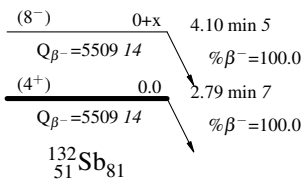
^{132}Sb β^- decay (2.79 min+4.10 min) 2004Hu08,2004HuZX

Decay Scheme (continued)

Intensities: Relative I_γ

Legend

- $I_\gamma < 2\% \times I_\gamma^{\text{max}}$
- $I_\gamma < 10\% \times I_\gamma^{\text{max}}$
- $I_\gamma > 10\% \times I_\gamma^{\text{max}}$
- Coincidence



$^{132}_{52}\text{Te}_{80}$

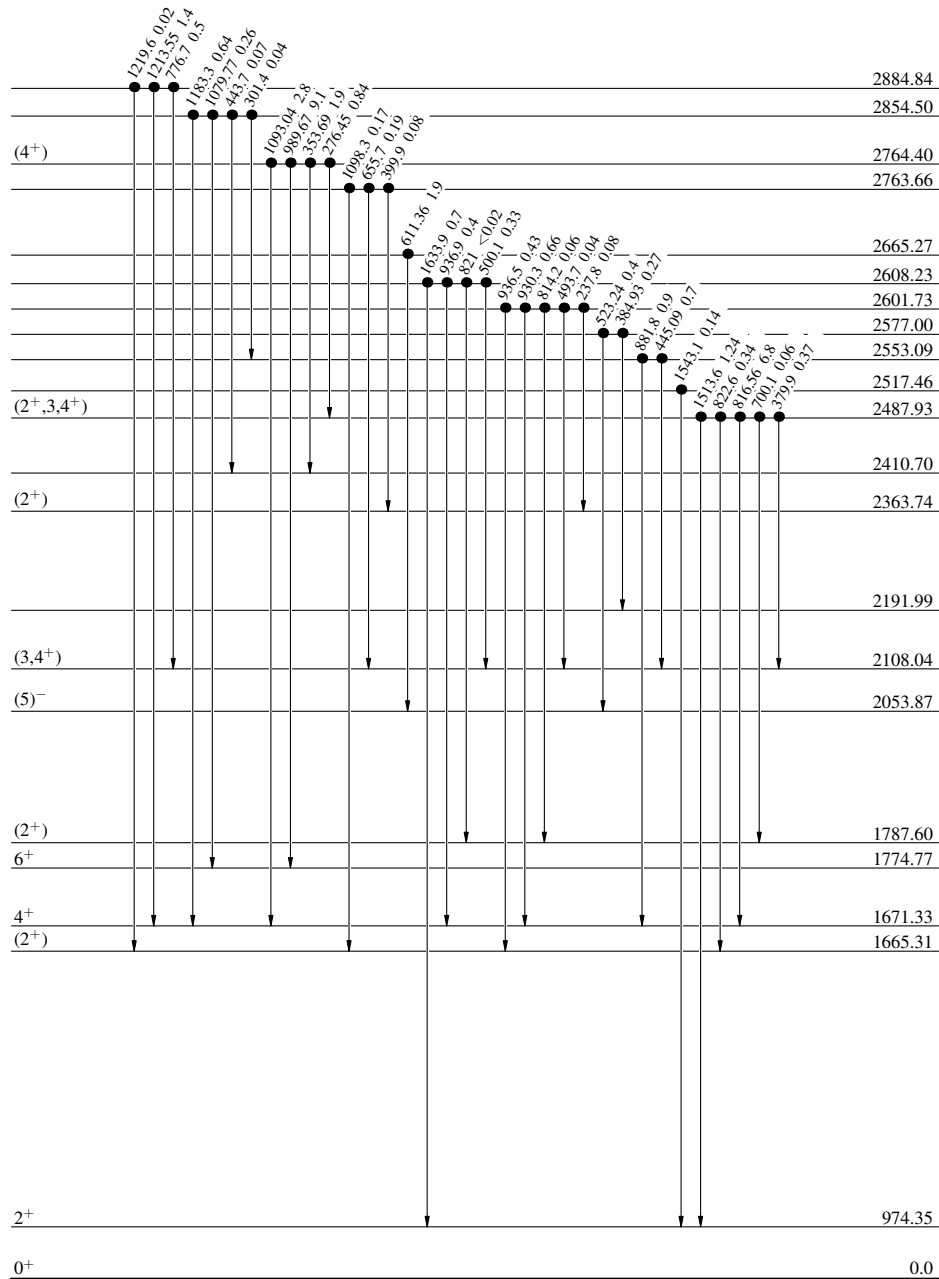
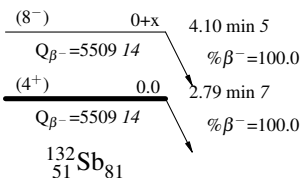
$^{132}\text{Sb} \beta^-$ decay (2.79 min+4.10 min) 2004Hu08,2004HuZX

Decay Scheme (continued)

Intensities: Relative I_γ

Legend

- $I_\gamma < 2\% \times I_\gamma^{\max}$
- $I_\gamma < 10\% \times I_\gamma^{\max}$
- $I_\gamma > 10\% \times I_\gamma^{\max}$
- Coincidence



$^{132}_{52}\text{Te}_{80}$

^{132}Sb β^- decay (2.79 min+4.10 min) 2004Hu08,2004HuZX

Decay Scheme (continued)

Intensities: Relative I_γ

Legend

- \rightarrow $I_\gamma < 2\% \times I_\gamma^{max}$
- \rightarrow $I_\gamma < 10\% \times I_\gamma^{max}$
- \rightarrow $I_\gamma > 10\% \times I_\gamma^{max}$
- \bullet Coincidence

