

Adopted Levels, Gammas

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

$Q(\beta^-)=515.4$; $S(n)=8048.4$; $S(p)=10495.4$; $Q(\alpha)=-4251.18$ [2012Wa38](#)

Note: Current evaluation has used the following Q record 518 4 8044 7 10483 22 -4273 28 [2003Au03](#).

Other reaction: $^{238}\text{U}(\alpha, F)$ $E=30$ MeV: [2003WuZZ](#).

 ^{132}Te LevelsCross Reference (XREF) Flags

A	^{132}Sb β^- decay (2.79 min)	D	^{132}Te IT decay (3.70 μs)
B	^{132}Sb β^- decay (4.10 min)	E	^{252}Cf SF decay
C	^{132}Sb β^- decay (2.79 min+4.10 min)	F	Coulomb excitation

E(level) †	J^{π}	$T_{1/2}$	XREF	Comments
0.0 ‡	0 ⁺	3.204 d 13	ABCDEF	$\% \beta^- = 100$ $T_{1/2}$: from 1983Wa26 . Others: 3.26 d 3 (1965An05), 3.283 d 19 (1971BaZW), 1974Ca26 , 1958Ch28 , 1956Fl15 , 1951Pa33 , 1939Ab02 , 1939Ha13 .
974.22 ‡ 9	2 ⁺	1.83 ps 18	ABCDEF	$B(E2)_{\uparrow} = 0.177$ 17 J^{π} : E2 excitation from g.s. in Coulomb excitation. $T_{1/2}$: from $B(E2)_{\uparrow}$. J^{π} : γ' s to 0 ⁺ and 2 ⁺ .
1665.23 10	(2 ⁺)		C	J^{π} : E2 γ to 2 ⁺ ; systematics.
1671.29 ‡ 9	4 ⁺		ABCDE	$\mu = +4.7$ 5 (1986Fo02 , 1989Ra17)
1774.80 ‡ 9	6 ⁺	145 ns 8	ABCDE	J^{π} : E2 γ to 4 ⁺ ; systematics. $T_{1/2}$: from ^{132}Sb β^- decay (4.10 min). μ : from TDPAC (1986Fo02). J^{π} : γ' s to 0 ⁺ and 2 ⁺ .
1787.52 12	(2 ⁺)		C	$\%IT = 100$
1925.47 9	(7) ⁻	28.1 μs 15	BCD	J^{π} : E1 γ to 6 ⁺ ; probable configuration = $(\nu d_{3/2}^{-1})(\nu h_{11/2}^{-1})$. $T_{1/2}$: from ^{132}Te IT decay. J^{π} : E1 γ to 4 ⁺ ; γ to 6 ⁺ . J^{π} : γ' s to 2 ⁺ and 4 ⁺ . J^{π} : γ to (5) ⁻ .
2053.92 10	(5) ⁻		ABC	Additional information 1.
2107.99 10	(3,4 ⁺)		A C	J^{π} : γ' s to 0 ⁺ and 2 ⁺ .
2192.03 12			C	J^{π} : γ to 6 ⁺ .
2248.79 20	(2 ⁺)		C	J^{π} : γ' s to 0 ⁺ and 2 ⁺ .
2363.66 16	(2 ⁺)		C	J^{π} : γ' s to 0 ⁺ and 2 ⁺ .
2410.71 11			A C	J^{π} : γ to 6 ⁺ .
2422.40 10	(5 ⁻ , 6, 7 ⁻)		BC	J^{π} : γ' s to (7) ⁻ and (5) ⁻ .
2487.86 10	(2 ⁺ , 3, 4 ⁺)		A C	J^{π} : γ' s to 2 ⁺ and 4 ⁺ . From systematics of first 3 ⁻ states in N=80 isotones and Z=52 isotopes, this level is a possible candidate for the first 3 ⁻ state in ^{132}Te .
2517.34 22			C	J^{π} : γ to 2 ⁺ .
2553.04 11			C	J^{π} : γ to 4 ⁺ .
2577.05 13			C	J^{π} : γ to (5) ⁻ .
2601.68 16	(2 ⁺ , 3, 4 ⁺)		C	J^{π} : γ' s to (2 ⁺) and 4 ⁺ .
2608.19 12	(2 ⁺ , 3, 4 ⁺)		C	J^{π} : γ' s to 2 ⁺ and 4 ⁺ .
2665.33 13			C	J^{π} : γ to (5) ⁻ .
2701.01 13	(8 ⁺)		B D	XREF: B(?). J^{π} : γ' s to 6 ⁺ and (7) ⁻ . From systematics, configuration = $\nu h_{11/2}^{-2}$.
2723.3 8	(10 ⁺)	3.70 μs 9	D	$\%IT = 100$ J^{π} : γ' s to (8 ⁺) and (7) ⁻ ; systematics; configuration = $\nu h_{11/2}^{-2}$.

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Adopted Levels, Gammas (continued) ^{132}Te Levels (continued)

E(level) [†]	J ^π	XREF	Comments
2763.59 19		C	T _{1/2} : from 2001Ge07 . Other: 3.9 μs 3 (1979Si18).
2764.37 10	(4 ⁺)	A C E	J ^π : γ's to (2 ⁺) and (3,4 ⁺). J ^π =(3,4 ⁺) proposed by 2004HuZX .
2854.51 12	(4 ⁺ ,5,6 ⁺)	C	J ^π : γ's to 4 ⁺ and 6 ⁺ .
2884.79 14	(2 ⁺ ,3,4 ⁺)	A C	J ^π : γ's to (2 ⁺) and 4 ⁺ .
2917.82 25	(2 ⁺ ,3,4 ⁺)	C	J ^π : γ's to 2 ⁺ and 4 ⁺ .
2967.55 11		C	J ^π : γ to (7) ⁻ .
2971.49 12	(4 ⁺ ,5,6 ⁺)	C	J ^π : γ's to 4 ⁺ and 6 ⁺ .
3014.93 14	(4 ⁺)	C	J ^π : γ's to 2 ⁺ ,4 ⁺ and 6 ⁺ .
3091.85 11		BC	J ^π : γ to (7) ⁻ .
3210.4 4		C	
3211.26 12	(4 ⁺ ,5)	A C	J ^π : γ's to 4 ⁺ , 6 ⁺ and (3,4 ⁺).
3234.89 12	(5 ⁻ ,6,7 ⁻)	C	J ^π : γ's to (7) ⁻ and (5) ⁻ .
3241.36 22		C	
3254.6 3		C	
3261.21 12		C	
3306.09 11		BC	J ^π : γ to (7) ⁻ .
3335.60 12	(5 ⁻ ,6,7 ⁻)	C	J ^π : γ's to (5) ⁻ and (7) ⁻ .
3350.76 15		C	J ^π : γ to (7) ⁻ .
3429.30 23		C	
3478.47 11		C	J ^π : γ to (7) ⁻ .
3488.7 3		C	J ^π : γ to 2 ⁺ .
3519.37 17		C	
3525.2 4		C	
3562.56 13		A C	J ^π : (4 ⁺) proposed by 2004HuZX .
3593.20 12		C	
3629.22 16		C	
3660.42 11		C	
3693.04 22		C	
3710.51 16		C	
3722.3 3		C	
3821.1 4		C	
3858.4 8		C	
3887.0 3		C	
3891.19 20		C	
3942.27 16		C	
3994.78 15		C	
4001.76 12		C	
4002.21 23		C	
4054.9 3		C	
4055.28 15		C	
4076.8 6		C	
4127.00 21		C	
4174.0 4		C	
4261.00 17		C	
4261.8 3		C	
4304.6 3		C	
4325.3 10		C	
4337.8 4		C	
4374.8 3		C	
4382.1 6		C	
4415.3 7		C	
4433.7 7		C	
4439.8 6		C	
4442.75 12		C	
4443.6 3		C	

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Adopted Levels, Gammas (continued) ^{132}Te Levels (continued)

E(level) [†]	XREF	E(level) [†]	XREF	E(level) [†]	XREF	E(level) [†]	XREF
4467.2 6	C	4532.7 4	C	4604.4 6	C	4714.4 4	C
4468.7 5	C	4534.1 5	C	4607.41 14	C	4748.9 8	C
4488.72 15	C	4584.4 6	C	4654.2 5	C	4890.3 10	C
4489.6 3	C	4585.0 3	C	4674.3 20	C		
4513.96 16	C	4588.82 19	C	4686.9 5	C		

[†] From least-squares fit to E_γ's.[‡] Band(A): g.s. band. $\gamma(^{132}\text{Te})$

E _i (level)	J _i ^π	E _γ [‡]	I _γ [‡]	E _f	J _f ^π	Mult. [†]	α [#]	Comments
974.22	2 ⁺	974.08 10	100	0.0	0 ⁺	E2		E _γ : average of all available values.
1665.23	(2 ⁺)	690.96 10	100 15	974.22	2 ⁺			
		1665.3 2	1.0 5	0.0	0 ⁺			
1671.29	4 ⁺	697.052 14	100	974.22	2 ⁺	E2	0.00341	α(K)=0.00291 9; α(L)=0.00038 1
1774.80	6 ⁺	103.519 4	100	1671.29	4 ⁺	E2	1.52	B(E2)(W.u.)=3.3 2 α(K)=1.07 4; α(L)=0.359 11; α(M)=0.0743 23; α(N+...)=0.0166 5 E _γ : level-energy difference=103.503.
1787.52	(2 ⁺)	813.25 10	100 4	974.22	2 ⁺			
		1787.6 3	70 4	0.0	0 ⁺			
1925.47	(7) ⁻	150.672 10	100	1774.80	6 ⁺	E1	0.0623	B(E1)(W.u.)=2.56×10 ⁻⁹ 14 α(K)=0.0539 17; α(L)=0.00678 21; α(M)=0.00134 4; α(N+...)=0.00031 1
2053.92	(5) ⁻	279.09 9	7.2 3	1774.80	6 ⁺			
		382.65 9	100 5	1671.29	4 ⁺	E1	0.00508	α(K)=0.00441 14; α(L)=0.00054 2; α(M)=0.00011
2107.99	(3,4 ⁺)	436.72 8	41 3	1671.29	4 ⁺			
		1133.8 2	100 6	974.22	2 ⁺			
2192.03		138.05 8	100	2053.92	(5) ⁻			
2248.79	(2 ⁺)	1274.6 2	100 10	974.22	2 ⁺			
		2248.8 6	6 4	0.0	0 ⁺			
2363.66	(2 ⁺)	1389.5 2	33 19	974.22	2 ⁺			
		2363.5 3	100 11	0.0	0 ⁺			
2410.71		635.9 1	100	1774.80	6 ⁺			
2422.40	(5 ⁻ ,6,7 ⁻)	368.49 9	50 4	2053.92	(5) ⁻			
		496.96 8	100 6	1925.47	(7) ⁻			
2487.86	(2 ⁺ ,3,4 ⁺)	379.9 1	5.4 6	2107.99	(3,4 ⁺)			
		700.1 3	0.88 15	1787.52	(2 ⁺)			
		816.56 10	100 6	1671.29	4 ⁺			
		822.6 1	5.0 4	1665.23	(2 ⁺)			
		1513.6 1	18.2 18	974.22	2 ⁺			
2517.34		1543.1 2	100	974.22	2 ⁺			
2553.04		445.09 8	78 11	2107.99	(3,4 ⁺)			
		881.8 1	100 11	1671.29	4 ⁺			
2577.05		384.93 9	68 15	2192.03				
		523.24 10	100 25	2053.92	(5) ⁻			
2601.68	(2 ⁺ ,3,4 ⁺)	237.8 4	12 9	2363.66	(2 ⁺)			
		493.7 4	6 3	2107.99	(3,4 ⁺)			
		814.2 3	9 5	1787.52	(2 ⁺)			
		930.3 3	100 17	1671.29	4 ⁺			
		936.5 2	65 8	1665.23	(2 ⁺)			

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Adopted Levels, Gammas (continued)

$\gamma(^{132}\text{Te})$ (continued)								
$E_i(\text{level})$	J_i^π	E_γ	I_γ	E_f	J_f^π	Mult. [†]	$\alpha^\#$	Comments
2608.19	(2 ⁺ ,3,4 ⁺)	500.1 2	47 7	2107.99	(3,4 ⁺)			
		821 1	<3	1787.52	(2 ⁺)			
		936.9 2	57 14	1671.29	4 ⁺			
		1633.9 2	100 14	974.22	2 ⁺			
2665.33		611.36 9	100	2053.92	(5) ⁻			
2701.01	(8 ⁺)	775.6 2	100 2	1925.47	(7) ⁻			
		926.2 1	100 2	1774.80	6 ⁺			
2723.3	(10 ⁺)	22 1		2701.01	(8 ⁺)	[E2]		
		798.0		1925.47	(7) ⁻	[E3]	0.00546	$\alpha(\text{K})=0.00456$ 14; $\alpha(\text{L})=0.00067$ 2
								Additional information 2.
2763.59		399.9 9	42 11	2363.66	(2 ⁺)			
		655.7 3	100 32	2107.99	(3,4 ⁺)			
		1098.3 2	89 21	1665.23	(2 ⁺)			
2764.37	(4 ⁺)	276.45 7	9.2 9	2487.86	(2 ⁺ ,3,4 ⁺)			
		353.69 8	20.9 11	2410.71				
		989.67 11	100 7	1774.80	6 ⁺			
		1093.04 11	30.8 22	1671.29	4 ⁺			
2854.51	(4 ⁺ ,5,6 ⁺)	301.4 4	6 3	2553.04				
		443.7 3	11 3	2410.71				
		1079.77 12	41 6	1774.80	6 ⁺			
		1183.3 3	100 9	1671.29	4 ⁺			
2884.79	(2 ⁺ ,3,4 ⁺)	776.7 2	36 7	2107.99	(3,4 ⁺)			
		1213.55 12	100 7	1671.29	4 ⁺			
		1219.6 6	1.4 7	1665.23	(2 ⁺)			
2917.82	(2 ⁺ ,3,4 ⁺)	1246.6 4	21 6	1671.29	4 ⁺			
		1252.6 4	24 6	1665.23	(2 ⁺)			
		1943.5 4	100 21	974.22	2 ⁺			
2967.55		1042.1 1	100	1925.47	(7) ⁻			
2971.49	(4 ⁺ ,5,6 ⁺)	363.25 12	15 9	2608.19	(2 ⁺ ,3,4 ⁺)			
		560.9 2	26 5	2410.71				
		1196.7 2	100 7	1774.80	6 ⁺			
		1300.2 2	46 5	1671.29	4 ⁺			
3014.93	(4 ⁺)	406.75 10	53 20	2608.19	(2 ⁺ ,3,4 ⁺)			
		907.0 4	47 13	2107.99	(3,4 ⁺)			
		1227.7 9	<7	1787.52	(2 ⁺)			
		1240.1 6	100 33	1774.80	6 ⁺			
		1343.6 3	67 17	1671.29	4 ⁺			
		2040.8 6	30 10	974.22	2 ⁺			
3091.85		124.2 2	5.4 18	2967.55				
		1166.46 13	100 5	1925.47	(7) ⁻			
3210.4		325.6 3	100	2884.79	(2 ⁺ ,3,4 ⁺)			
3211.26	(4 ⁺ ,5)	356.78 9	21 4	2854.51	(4 ⁺ ,5,6 ⁺)			
		723.5 4	17 4	2487.86	(2 ⁺ ,3,4 ⁺)			
		1103.2 4	3.7 15	2107.99	(3,4 ⁺)			
		1436.45 14	100 12	1774.80	6 ⁺			
		1539.6 3	36 10	1671.29	4 ⁺			
3234.89	(5 ⁻ ,6,7 ⁻)	143.0 3	5.9 25	3091.85				
		569.6 5	29 4	2665.33				
		812.54 10	40 5	2422.40	(5 ⁻ ,6,7 ⁻)			
		1181.0 2	75 8	2053.92	(5) ⁻			
		1309.46 13	100 8	1925.47	(7) ⁻			
3241.36		273.7 4	100	2967.55				
3254.6		737.3 2	100	2517.34				
3261.21		293.62 7	100	2967.55				
3306.09		214.22 9	60 10	3091.85				

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Adopted Levels, Gammas (continued)

$\gamma(^{132}\text{Te})$ (continued)					
$E_i(\text{level})$	J_i^π	E_γ	I_γ	E_f	J_f^π
3306.09		338.55 9	90 10	2967.55	
		1380.7 2	100 10	1925.47	(7) ⁻
3335.60	(5 ⁻ ,6,7 ⁻)	243.7 2	29 10	3091.85	
		670.3 3	11 5	2665.33	
		1281.8 3	28 17	2053.92	(5) ⁻
		1410.2 2	100 13	1925.47	(7) ⁻
3350.76		383.2 2	100 11	2967.55	
		1425.3 2	62 8	1925.47	(7) ⁻
3429.30		1321.3 2	100	2107.99	(3,4 ⁺)
3478.47		172.2 2	24 6	3306.09	
		510.96 8	100 13	2967.55	
		1055.96 11	44 8	2422.40	(5 ⁻ ,6,7 ⁻)
		1553.1 2	64 9	1925.47	(7) ⁻
3488.7		1380.8 3	94 24	2107.99	(3,4 ⁺)
		2513.9 6	100 53	974.22	2 ⁺
3519.37		552.0 2	100 17	2967.55	
		1108.5 2	83 20	2410.71	
3525.2		1114.5 3	100	2410.71	
3562.56		591.09 9	16 3	2971.49	(4 ⁺ ,5,6 ⁺)
		798.2 5	1.4 9	2764.37	(4 ⁺)
		1151.85 16	100 5	2410.71	
		1454.5 3	4.3 19	2107.99	(3,4 ⁺)
3593.20		257.61 8	20 3	3335.60	(5 ⁻ ,6,7 ⁻)
		287.1 3	8 6	3306.09	
		501.3 2	13 3	3091.85	
		927.9 4	18 3	2665.33	
		1170.9 2	78 17	2422.40	(5 ⁻ ,6,7 ⁻)
		1667.9 2	100 11	1925.47	(7) ⁻
3629.22		657.6 3	44 16	2971.49	(4 ⁺ ,5,6 ⁺)
		1076.2 2	68 40	2553.04	
		1219.0 5	<20	2410.71	
		1521.2 4	56 16	2107.99	(3,4 ⁺)
		1854.3 3	100 20	1774.80	6 ⁺
3660.42		1238.01 2	100	2422.40	(5 ⁻ ,6,7 ⁻)
3693.04		1271.4 3	15 6	2422.40	(5 ⁻ ,6,7 ⁻)
		1766.9 3	100 7	1925.47	(7) ⁻
3710.51		449.3 1	100	3261.21	
3722.3		1120.7 4	83 33	2601.68	(2 ⁺ ,3,4 ⁺)
		1358.6 4	100 67	2363.66	(2 ⁺)
3821.1		1056.7 3	100	2764.37	(4 ⁺)
3858.4		2071 1	<33	1787.52	(2 ⁺)
		2187 1	100 50	1671.29	4 ⁺
3887.0		1523.5 3	34 23	2363.66	(2 ⁺)
		2100 1	<6	1787.52	(2 ⁺)
		2222 1	14 6	1665.23	(2 ⁺)
		2912.0 5	100 14	974.22	2 ⁺
3891.19		1126.5 3	60 27	2764.37	(4 ⁺)
		1338.8 3	<67	2553.04	
		1480.1 4	40 13	2410.71	
		2116.1 4	100 27	1774.80	6 ⁺
3942.27		730.9 3	89 22	3211.26	(4 ⁺ ,5)
		1087.76 13	100 22	2854.51	(4 ⁺ ,5,6 ⁺)
		1531.6 3	48 11	2410.71	
		1890 1	22 11	2053.92	(5) ⁻
3994.78		688.8 2	72 12	3306.09	
		733.0 3	23 7	3261.21	

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Adopted Levels, Gammas (continued) $\gamma(^{132}\text{Te})$ (continued)

$E_i(\text{level})$	E_γ	I_γ	E_f	J_f^π
3994.78	1027.4 2	100 16	2967.55	
4001.76	695.9 2	52 8	3306.09	
	740.5 1	100 10	3261.21	
	760.4 2	33 13	3241.36	
	1034.2 2	65 10	2967.55	
4002.21	1579.8 2	100	2422.40	(5 ⁻ ,6,7 ⁻)
4054.9	2280.2 5	64 15	1774.80	6 ⁺
	2383.6 3	100 42	1671.29	4 ⁺
4055.28	844.1 2	17 4	3211.26	(4 ⁺ ,5)
	1200.9 13	7 4	2854.51	(4 ⁺ ,5,6 ⁺)
	1291.0 8	2.2 11	2764.37	(4 ⁺)
	1502.3 2	16 6	2553.04	
	1644.5 2	100 11	2410.71	
	1947.2 3	20 6	2107.99	(3,4 ⁺)
4076.8	2022.9 6	100	2053.92	(5) ⁻
4127.00	1574.0 2	100 12	2553.04	
	2018.8 5	56 14	2107.99	(3,4 ⁺)
	2455 1	<12	1671.29	4 ⁺
4174.0	1409.8 5	23 14	2764.37	(4 ⁺)
	1763.2 4	100 27	2410.71	
4261.00	667.9 3	9 4	3593.20	
	782.5 4	5.0 25	3478.47	
	910.2 2	15 5	3350.76	
	955 1	6 4	3306.09	
	1169.2 3	100 12	3091.85	
	1293.3 3	19 6	2967.55	
4261.8	568.8 2	100	3693.04	
4304.6	1815.7 4	62 23	2487.86	(2 ⁺ ,3,4 ⁺)
	1894.6 4	69 23	2410.71	
	2197.2 5	100 77	2107.99	(3,4 ⁺)
	3329 2	<38	974.22	2 ⁺
4325.3	3351 1	100	974.22	2 ⁺
4337.8	2563.0 3	100	1774.80	6 ⁺
4374.8	1887.2 4	81 25	2487.86	(2 ⁺ ,3,4 ⁺)
	2011.3 8	<11	2363.66	(2 ⁺)
	2126 2	19 11	2248.79	(2 ⁺)
	2587.1 4	100 25	1787.52	(2 ⁺)
	2703.4 7	33 11	1671.29	4 ⁺
4382.1	2710.9 7	100 30	1671.29	4 ⁺
	2717.0 9	<22	1665.23	(2 ⁺)
	3407 2	22 9	974.22	2 ⁺
4415.3	2166 2	55 36	2248.79	(2 ⁺)
	2307.4 7	100 36	2107.99	(3,4 ⁺)
4433.7	2762.7 8	31 15	1671.29	4 ⁺
	3459 1	100 54	974.22	2 ⁺
4439.8	2665.0 6	100	1774.80	6 ⁺
4442.75	440.98 8	100 7	4001.76	
	849.5 1	86 7	3593.20	
	964.2 2	50 7	3478.47	
	1092.0 3	13 4	3350.76	
	1136.66 18	6.4 21	3306.09	
	1181.6 3	9 3	3261.21	
	1351.05 15	23 4	3091.85	
	1475.0 3	11 4	2967.55	
4443.6	750.6 2	100 29	3693.04	
	2032.7 5	79 36	2410.71	

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Adopted Levels, Gammas (continued)

$\gamma(^{132}\text{Te})$ (continued)						
$E_i(\text{level})$	J_i^π	$E_\gamma^\ddagger$	$I_\gamma^\ddagger$	E_f	J_f^π	Comments
4467.2		2219 2	<80	2248.79	(2 ⁺)	
		2413.7 7	<100	2053.92	(5) ⁻	
		2801 1	<60	1665.23	(2 ⁺)	
4468.7		2360.7 5	100	2107.99	(3,4 ⁺)	
4488.72		493.95 8	100 15	3994.78		
		1254.1 2	97 18	3234.89	(5 ⁻ ,6,7 ⁻)	
		1822.1 4	18 9	2665.33		E_γ : level-energy difference=1823.4.
4489.6		796.6 2	100	3693.04		
4513.96		921.1 2	56 14	3593.20		
		1207.64 18	52 18	3306.09		
		1422.0 2	100 20	3091.85		
4532.7		1924.8 8	<15	2608.19	(2 ⁺ ,3,4 ⁺)	
		2284.2 5	<15	2248.79	(2 ⁺)	
		3558.0 5	100 22	974.22	2 ⁺	
4534.1		841.1 4	100	3693.04		
4584.4		2797 1	<19	1787.52	(2 ⁺)	
		2919.0 8	100 31	1665.23	(2 ⁺)	
		3610 2	44 25	974.22	2 ⁺	
4585.0		2221.5 9	<22	2363.66	(2 ⁺)	
		2477.0 3	100 39	2107.99	(3,4 ⁺)	
4588.82		1238.0 6	2.9 14	3350.76		
		1353.95 16	100 14	3234.89	(5 ⁻ ,6,7 ⁻)	
		2166.0 8	19 7	2422.40	(5 ⁻ ,6,7 ⁻)	
4604.4		2181.5 9	<24	2422.40	(5 ⁻ ,6,7 ⁻)	
		2194.0 8	71 29	2410.71		
		2829.2 7	100 29	1774.80	6 ⁺	
4607.41		1014.25 11	100 10	3593.20		
		1129.0 2	60 10	3478.47		
		1301.4 3	10 3	3306.09		
		1346.3 2	24 5	3261.21		
4654.2		1988.9 4	100	2665.33		
4674.3		3700 2	100	974.22	2 ⁺	
4686.9		2633.0 4	100	2053.92	(5) ⁻	
4714.4		1453.2 3	100	3261.21		
4748.9		2695.0 8	100	2053.92	(5) ⁻	
4890.3		2225 1	100	2665.33		

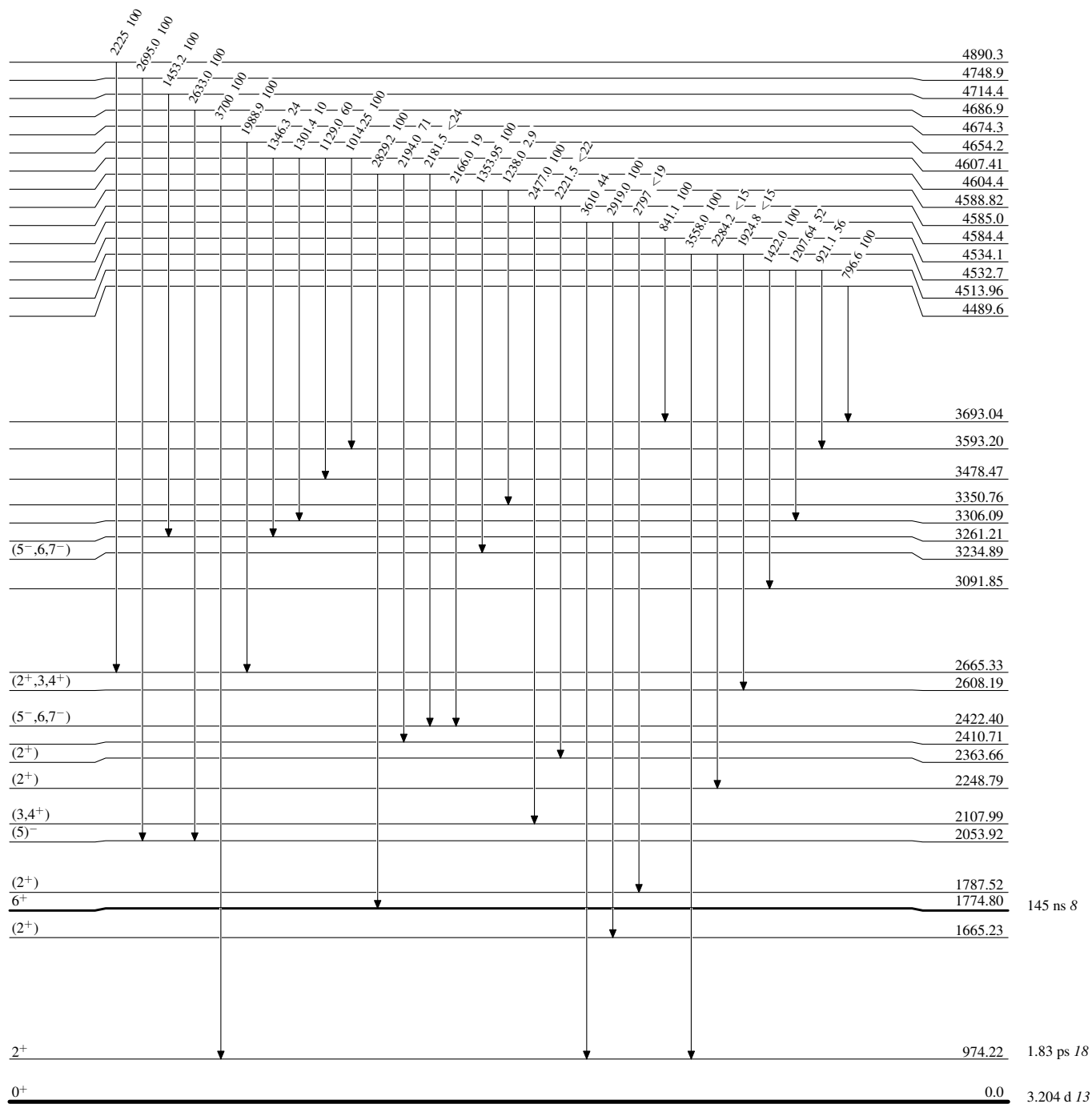
[†] From ce data in ^{132}Sb β^- decay.

[‡] From ^{132}Sb β^- decay (2.79 min+4.10 min), unless otherwise stated. Intensities are relative photon branchings from each level.

[#] Total theoretical internal conversion coefficients, calculated using the BrIcc code (2008Ki07) with Frozen orbital approximation based on γ -ray energies, assigned multipolarities, and mixing ratios, unless otherwise specified.

Adopted Levels, GammasLevel Scheme

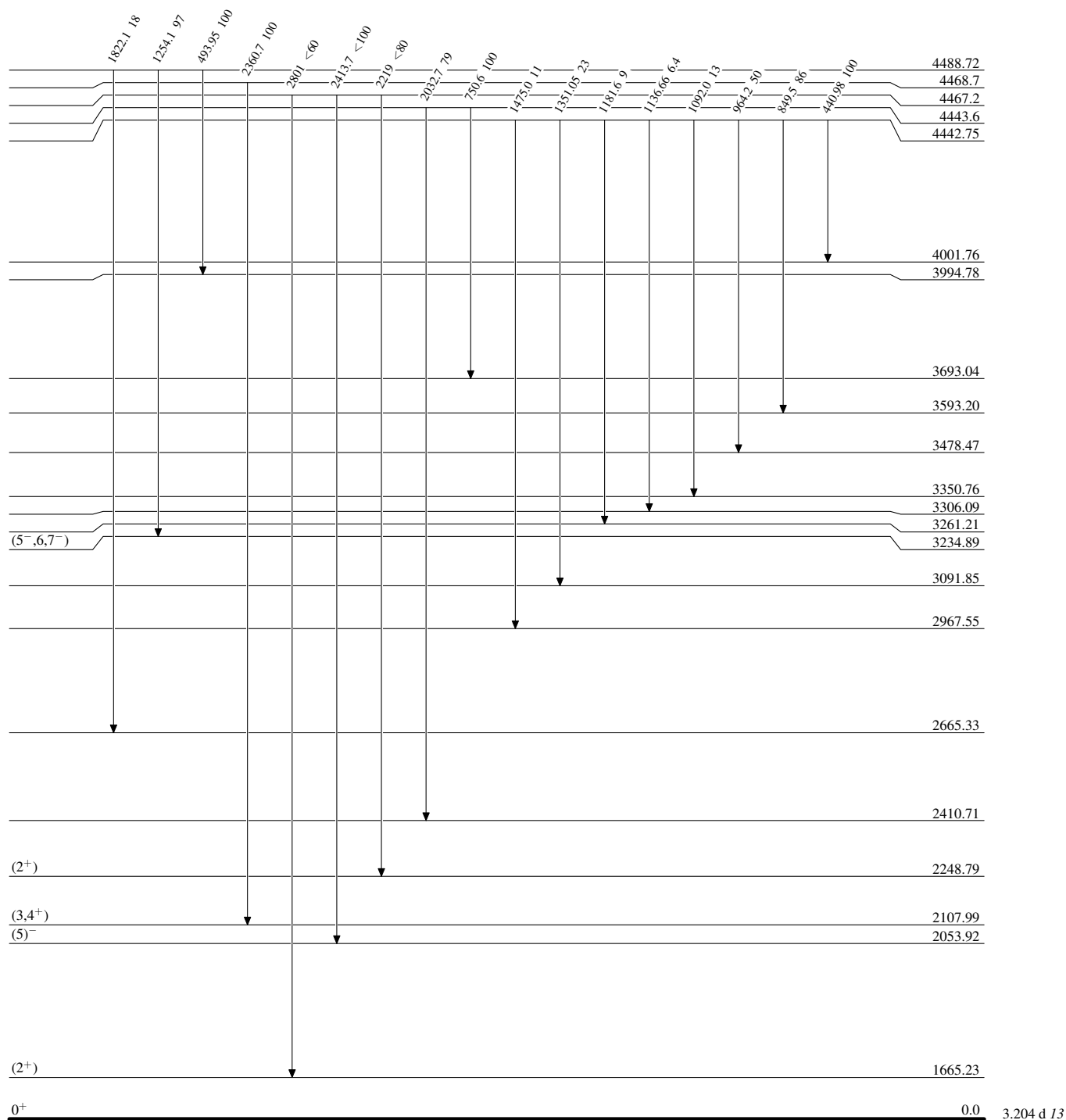
Intensities: Relative photon branching from each level



Adopted Levels, Gammas

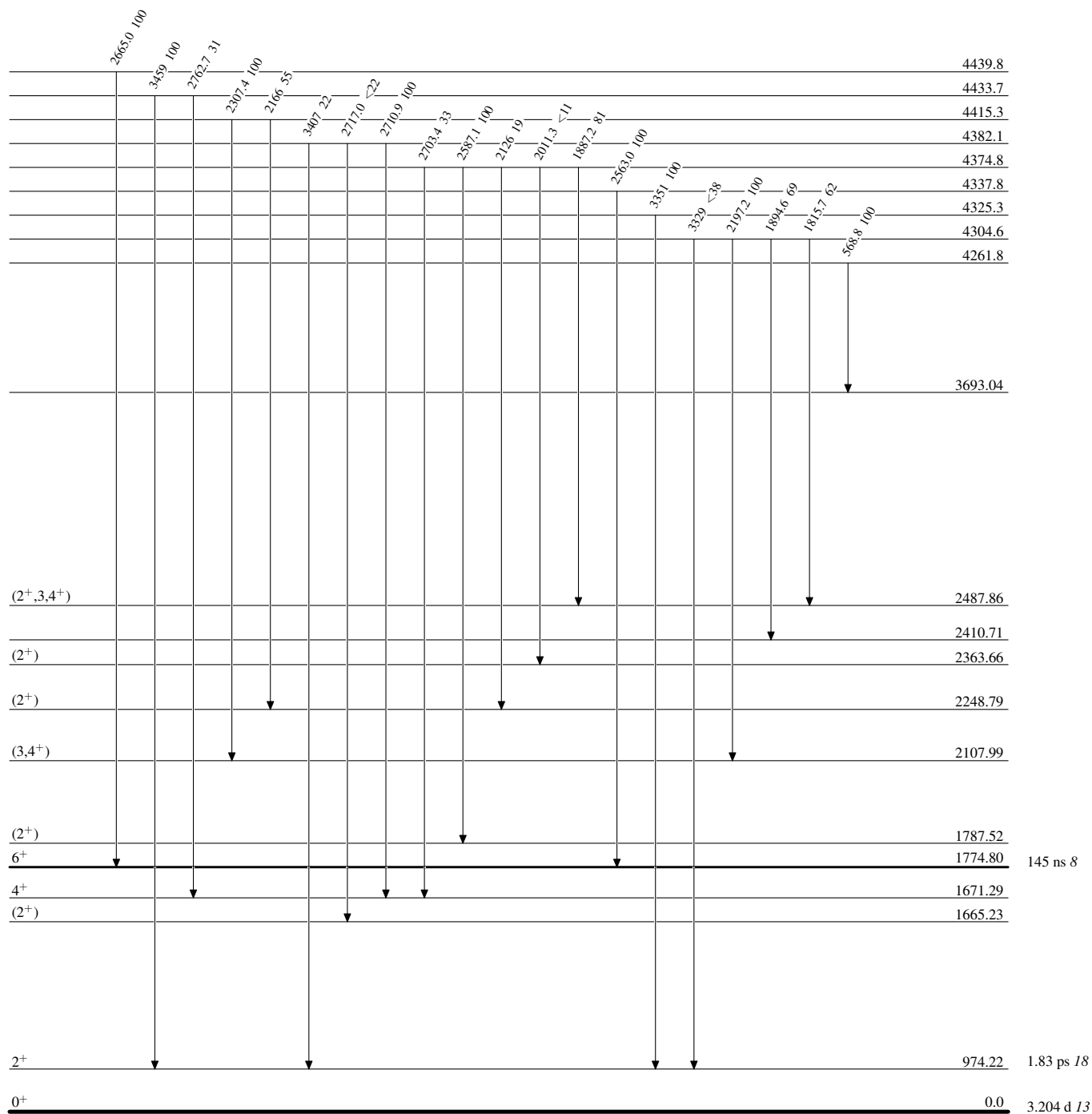
Level Scheme (continued)

Intensities: Relative photon branching from each level



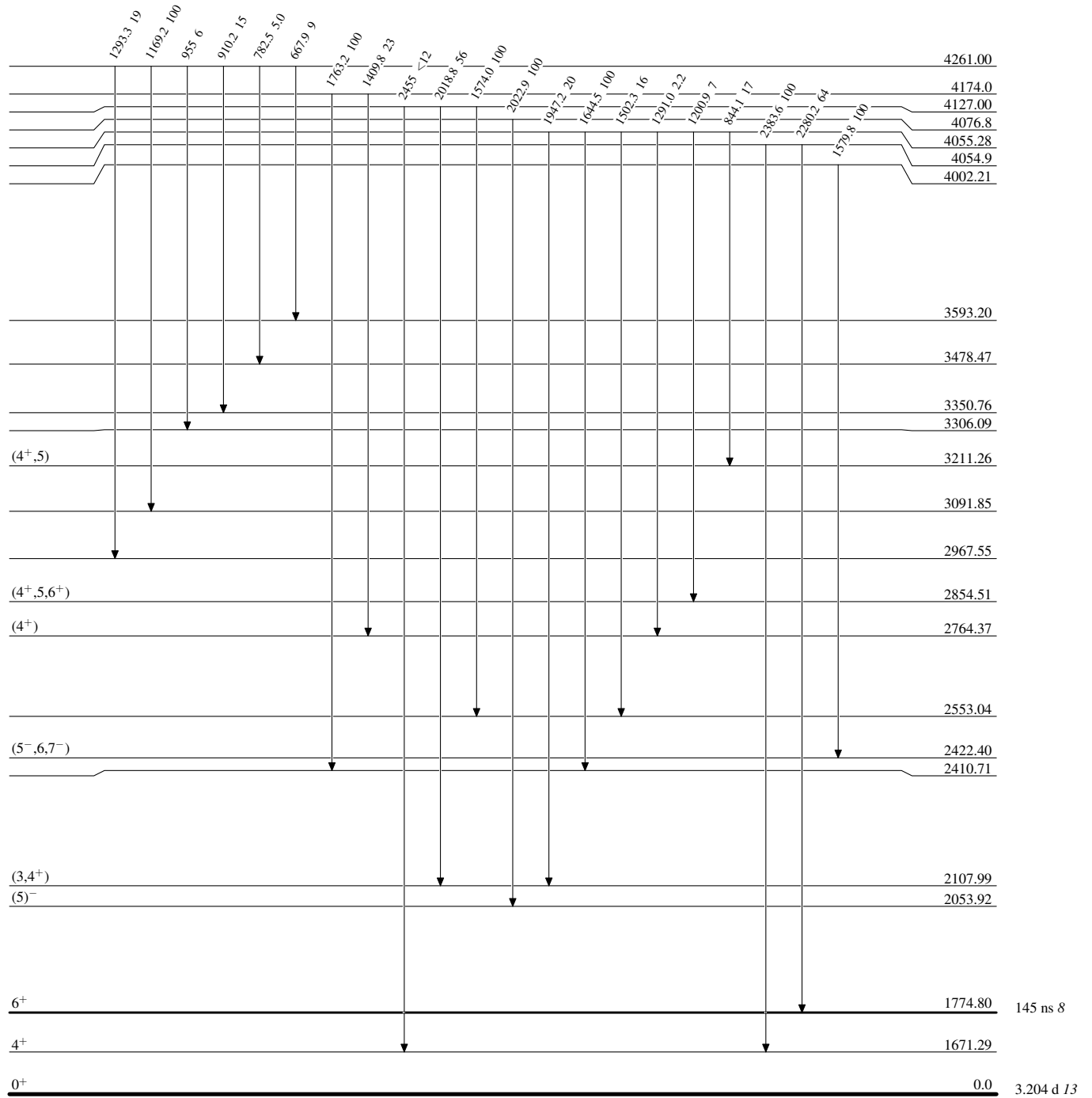
Adopted Levels, GammasLevel Scheme (continued)

Intensities: Relative photon branching from each level



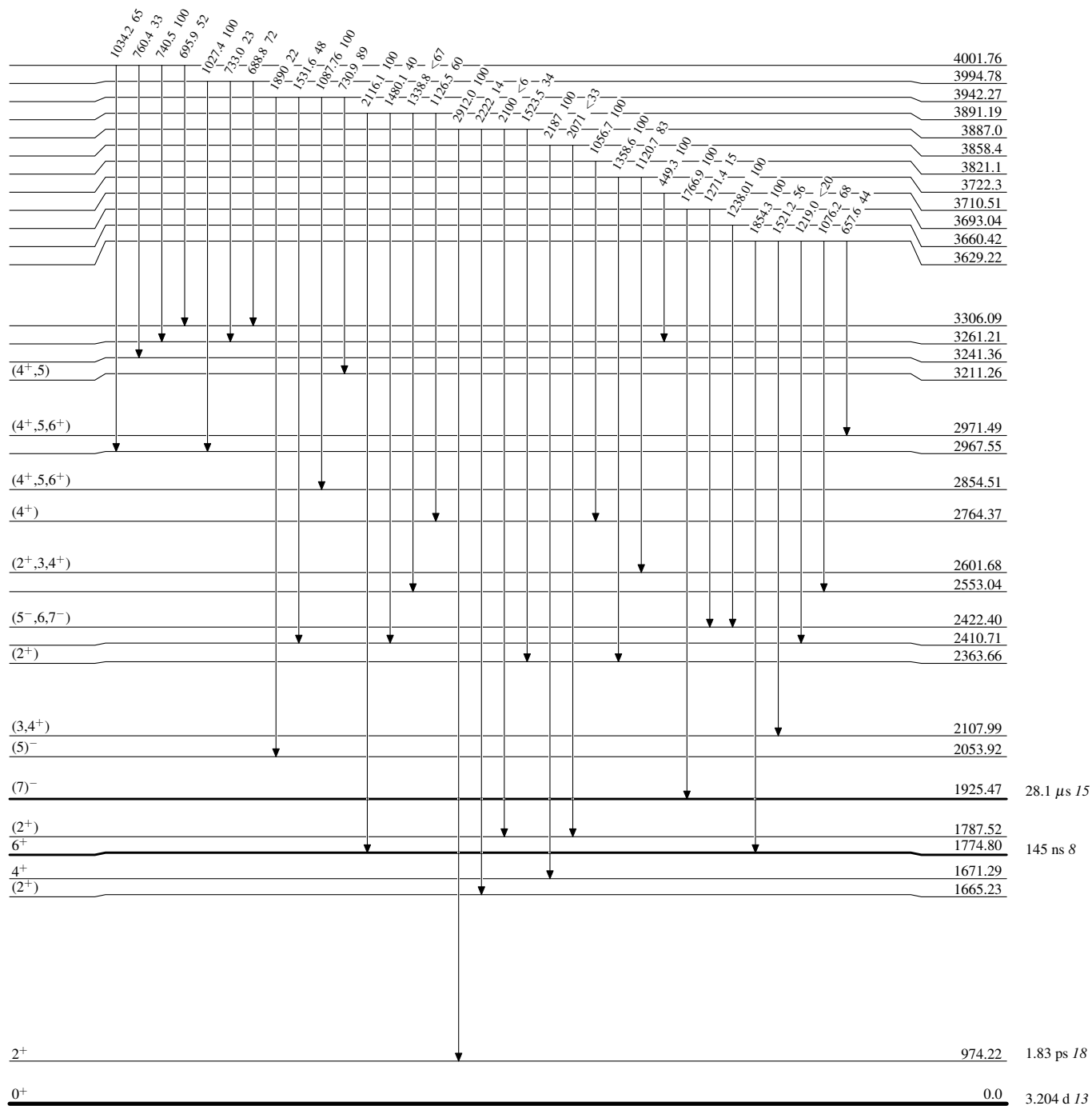
Adopted Levels, GammasLevel Scheme (continued)

Intensities: Relative photon branching from each level



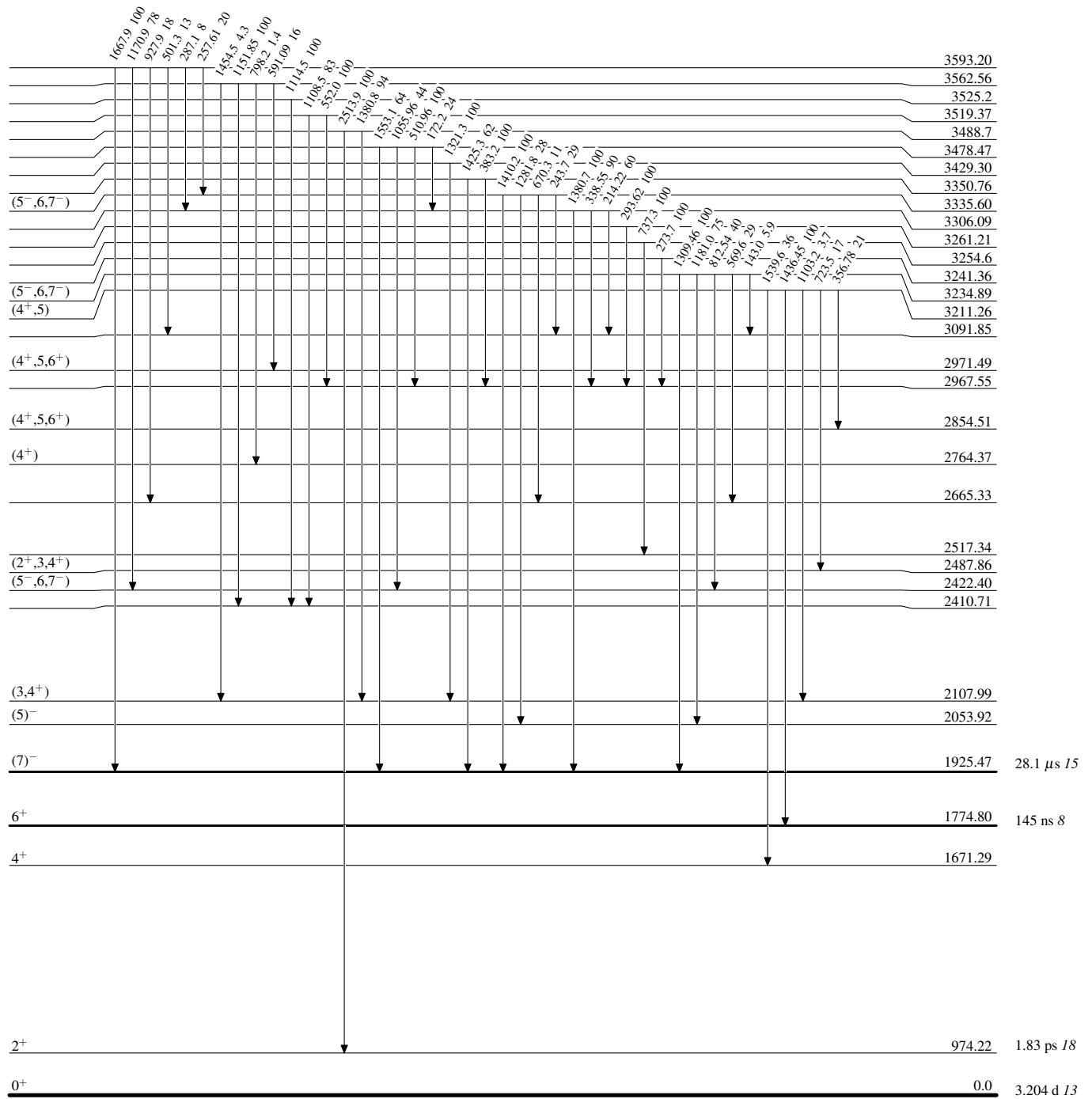
Adopted Levels, GammasLevel Scheme (continued)

Intensities: Relative photon branching from each level



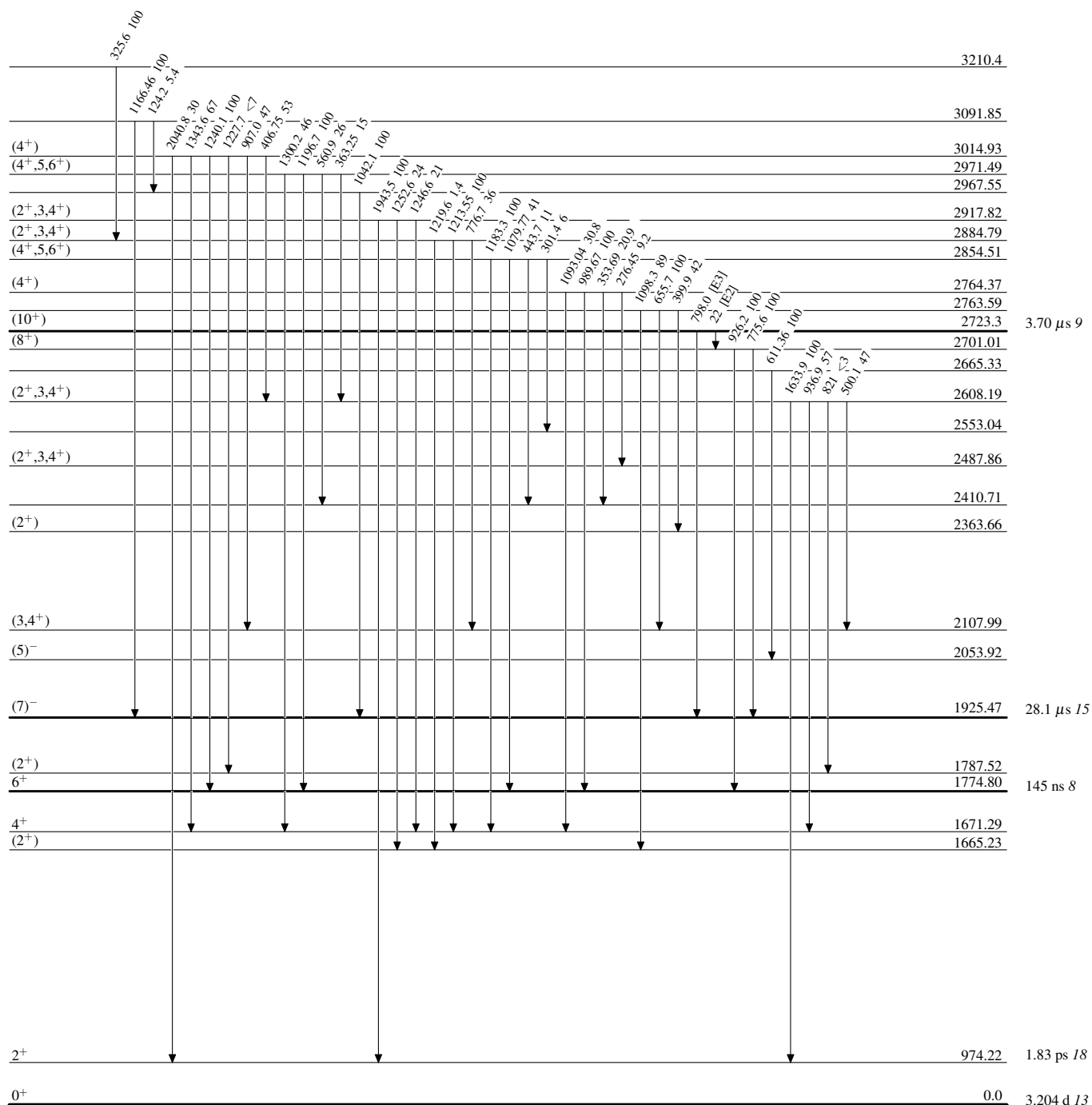
Adopted Levels, GammasLevel Scheme (continued)

Intensities: Relative photon branching from each level



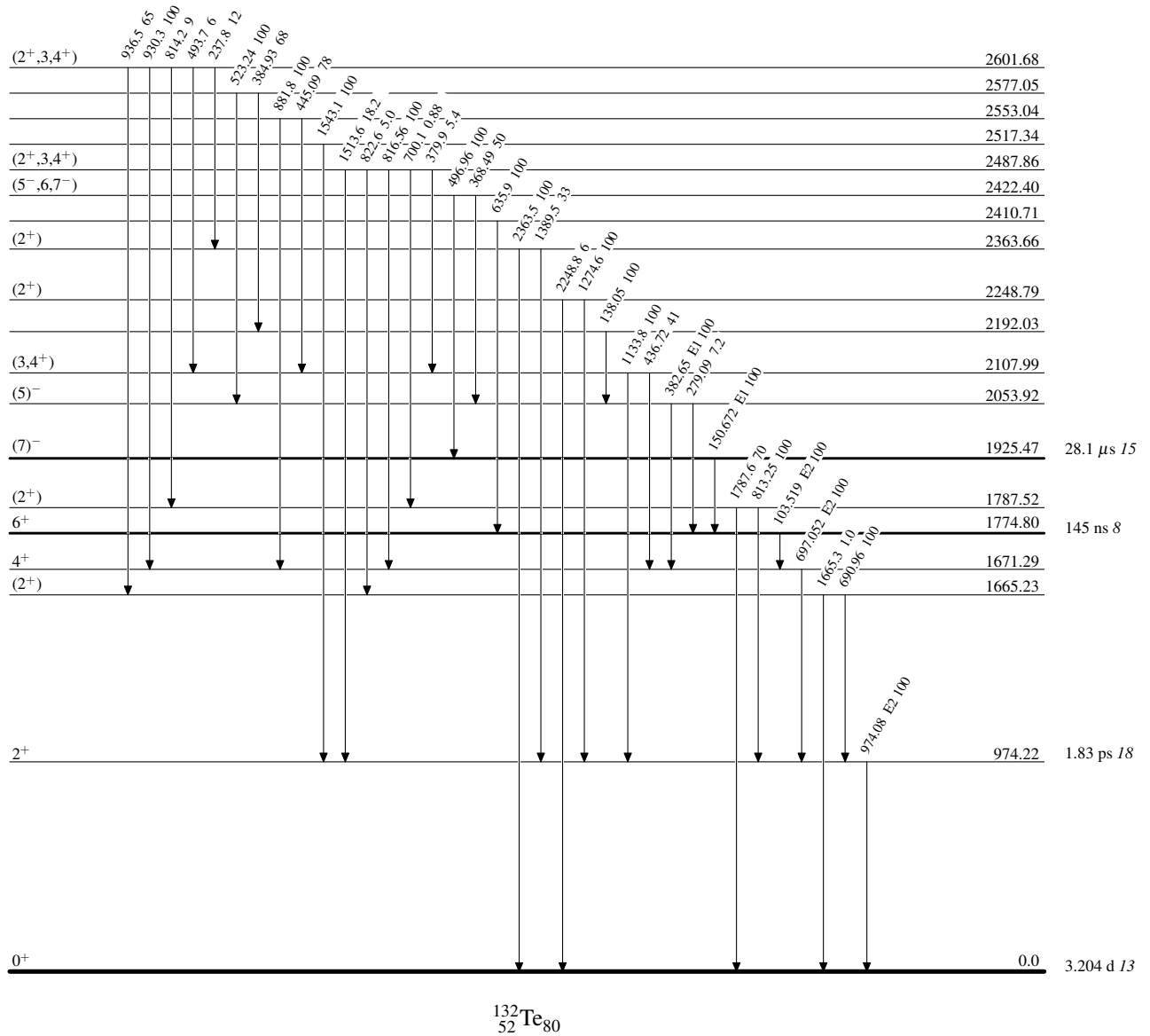
Adopted Levels, GammasLevel Scheme (continued)

Intensities: Relative photon branching from each level

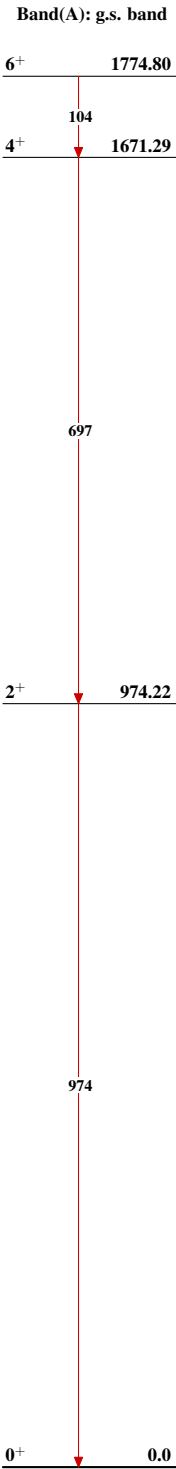


Adopted Levels, GammasLevel Scheme (continued)

Intensities: Relative photon branching from each level



Adopted Levels, Gammas



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