Adopted Levels, Gammas

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. Katakura, Z. D. Wu	NDS 109,1655 (2008)	1-Apr-2008

Q(β^-)=295 *3*; S(n)=7493 *4*; S(p)=5482.5 *19*; Q(α)=−1373 *8* 2012Wa38
Note: Current evaluation has used the following Q record 295 3 *7493* 4 *5482.0 19*−1365 8 2003Au03.

^{124}I Levels

Cross Reference (XREF) Flags

A ^{124}Te(p,nγ)
B ^{125}Te(p,2nγ)
C (HI,xnγ)

E(level)†	J$^\pi$‡	T$_{1/2}$#	XREF	Comments
0.0	2$^-$	4.1760 d *3*	ABC	%ε+%β^+=100 μ=1.444 *4* T$_{1/2}$: from γ(t) with ionization chamber (1992Wo03); others: 4.24 d *5* (1958Dy88), 4.1 d *1* (1959Gi59), 4.2 d *2* (1959Mi22), 4.15 d *3* (1968An05), 4.30 d *8* (1967Ru04), 4.1 d *2* (1968Jo02), 4.15 d *8* (1973Ka45). J$^\pi$: atomic beam (1976Fu06); 2-yes β to ^{124}Te g.s. μ: From nuclear magnetic resonance on oriented nuclei (1992Oh01); Other: 1.14 ∏ (1983De55,1989Ra17). See also 2005St24. Configuration=((π g$_{7/2}$)(ν h$_{11/2}$)) (1982Bu12).
55.48 *5*	(3$^+$)	52 ns *5*	ABC	J$^\pi$: $\gamma(\theta)$ and (E1) γ to 2$^-$. T$_{1/2}$: from $\gamma\gamma$(t) (1982Bu12); others: 26 ns *2* (1986LuZW), 62 ns (2003MoZQ).
105.40 *25*			B	
123.04 *6*	(4$^-$)	9.6 ns *10*	ABC	J$^\pi$: from (HI,xnγ). (HI,xnγ) gave no arguments, but A$_2$ value in (p,nγ) is consistent with ΔJ = 2, although 1982Bu12 gave 2$^-$ or 3$^-$. T$_{1/2}$: from $\gamma\gamma$(t) (1982Bu12); others: 9.7 ns *8* (1986LuZW), 10 ns (2003MoZQ).
150.55 *9*	(+)		A	J$^\pi$: (M1,E2) γ to (3$^+$).
163.39 *9*	(+)		A C	J$^\pi$: (M1,E2) γ to (3$^+$).
169.59 *15*	(+)		A	J$^\pi$: (M1,E2) γ to (3$^+$).
184.20 *7*	(3$^-$)		A	J$^\pi$: ΔJ=1, (M1,E2) γ to 2$^-$ and γ to (4$^-$).
213.27 *25*			B	
246.92 *13*			A	
250.54 *13*		14 ns	A C	T$_{1/2}$: From $\gamma\gamma$(t) in (HI,xnγ).
255.90 *11*			A	
265.96 *10*			A	
275.39 *16*	(5$^-$)		ABC	J$^\pi$: (M1) γ to (4$^-$), (HI,xnγ) suggested (5$^-$).
287.36 *23*	(6$^-$)	1.6 ns *3*	ABC	
289.02 *13*	(2,4)		A	J$^\pi$: ΔJ=1 γ to (3$^+$).
291.14 *16*	(3$^-$,4$^-$,5$^-$)		A	J$^\pi$: (M1) γ to (4$^-$).
297.03 *9*	(3$^-$)		A	J$^\pi$: ΔJ=1, (M1,E2) γ to 2$^-$, (M1) γ to (4$^-$).
300.6 *3*			B	
311.4 *8*	(7$^-$)	3 ns	C	
323.6 *6*			A	
336.79 *15*			A	
345.56 *21*			A	
353.55 *19*			A	
361.91 *14*	(2$^-$,3$^-$,4$^-$)		A	J$^\pi$: (M1,E2) γ to 2$^-$, γ to (4$^-$).
369.60 *14*			A	
380.17 *13*			A	
397.1 *5*		10.0 ns *7*	B	

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Adopted Levels, Gammas (continued)

^{124}I Levels (continued)

E(level)[†]	Jπ[‡]	$T_{1/2}$[#]	XREF	Comments
404.56 *20*	(4⁻,5⁻,6⁻)		A	Jπ: (M1,E2) γ to (4⁻), γ to (6⁻).
426.7[e] *10*	(5⁺)		C	
442.76 *16*	(4⁻)		A	
443.35 *18*			A	
446.87 *12*	(1⁻,3⁻)		A	Jπ: ΔJ=(1), (M1) γ to 2⁻.
448.73 *18*			A	
454.0[a] *9*	(8⁻)		C	
466.8 *5*	(6⁻)		A C	
492.95 *16*	(⁻)		A	Jπ: (M1,E2) γ to (3⁻).
496.69 *13*	(1⁻,2⁻,3⁻)		A	Jπ: (M1(+E2)) γ to 2⁻.
535.5 *7*	(7⁻)		C	
543.40 *17*			A	
557.1[b] *9*	(8⁻)		C	
591.7 *3*			A	
596.38 *16*	(1⁻,2⁻,3⁻)		A	Jπ: (M1(+E2)) γ to 2⁻.
604.88 *17*			A	
609.4 *4*			A	
622.8 *7*			A	
654.20 *21*			A	
664.86 *22*			A	
689.7[c] *10*	(8⁻)	14 ns	C	
724.8[f] *15*	(6⁺)		C	
748.0 *6*			A	
755.9[&] *9*	(9⁻)		C	
761.6 *11*			A	
765.1 *4*			A	
766.3 *7*			A	
781.72 *18*			A	
783.0 *6*			A	
880.4 *10*	(8⁻)		C	
909.7 *4*			A	
926.08? *21*			A	
936.3 *8*			C	
947.2[c] *12*	(9⁻)		C	
985.4 *6*			A	
1078.9 *10*	(9⁻)		C	
1081.0[e] *15*	(7⁺)		C	
1134.9[a] *10*	(10⁻)		C	
1245.3 *9*	(9⁻)		C	
1296.9[@] *10*	(10⁺)		C	
1304.3[b] *12*	(10⁻)		C	
1304.9[c] *12*	(10⁻)		C	
1432.6[f] *18*	(8⁺)		C	
1490.3[&] *11*	(11⁻)		C	
1681.8[@] *13*	(11⁺)		C	
1705.8[c] *12*	(11⁻)		C	
1810.4[e] *18*	(9⁺)		C	
1893.5[a] *11*	(12⁻)		C	
1986.0[@] *13*	(12⁺)		C	
2116.7[b] *12*	(12⁻)		C	
2130.0[c] *13*	(12⁻)		C	
2172.0[f] *20*	(10⁺)		C	

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Adopted Levels, Gammas (continued)

^{124}I Levels (continued)

E(level)†	Jπ‡	XREF	E(level)†	Jπ‡	XREF	E(level)†	Jπ‡	XREF
2343.7@ *14*	(13+)	C	3022.9c *14*	(14−)	C	4366.0@ *17*	(18+)	C
2359.2& *13*	(13−)	C	3100.2b *16*	(14−)	C	4396.2& *18*	(17−)	C
2562.2e *20*	(11+)	C	3205.8@ *16*	(16+)	C	4652.3a *20*	(18−)	C
2569.7c *13*	(13−)	C	3382.7& *15*	(15−)	C	4863.8d *19*	(19−)	C
2682.1@ *15*	(14+)	C	3485.1d *12*	(15−)	C	4967.6@ *18*	(19+)	C
2735.7 *12*		C	3745.3a *17*	(16−)	C	5342.7@ *18*	(20+)	C
2746.3a *13*	(14−)	C	3860.1 *15*		C	5515.6 *20*		C
2763.8 *12*		C	3887.9@ *16*	(17+)	C	5555.5d *21*	(21−)	C
2788.8 *13*		C	4093.8 *17*	(17+)	C			
2907.7@ *15*	(15+)	C	4211.5d *16*	(17−)	C			

† From a least-squares fit to Eγ's.
‡ From γ(θ) and multipolarity of γ's in (p,nγ) and assumed band structure in (HI,xnγ).
# From the delay between beam bursts and γ rays in ^{125}Te(p,2nγ), unless otherwise indicated.
@ Band(A): band 1 Configuration=((π $h_{11/2}$)(ν $h_{11/2}$)).
& Band(B): Band 2 Configuration=((π $g_{7/2}$)(ν $h_{11/2}$)), favored (P,$g_{7/2}$) coupled favored (n,h11/2).
a Band(C): Band 3 Configuration=((π $g_{7/2}$)(ν $h_{11/2}$)), unfavored (P,$g_{7/2}$) coupled favored (n,h11/2).
b Band(D): Band 4 Configuration=((π $g_{7/2}$)(ν $h_{11/2}$)), favored (P,$g_{7/2}$) coupled unfavored (n,h11/2).
c Band(E): band 5 Configuration=((π $g_{9/2}$)(ν $h_{11/2}$)).
d Band(F): band 6 Configuration=((π $g_{7/2}$)(ν $h_{11/2}$)(π $11/2)^{+2}$).
e Band(G): band 7 Configuration=((π $g_{7/2}$)(ν $d_{3/2}$)).
f Band(H): band 8 Configuration=((π $g_{7/2}$)(ν $d_{3/2}$)).

γ(^{124}I)

E(C),M(G) From 1997DaZY.

E_i(level)	J^π_i	E_γ †	I_γ ‡	E_f	J^π_f	Mult.#	α[a]	Comments
55.48	(3+)	55.50 *5*	100	0.0	2−	(E1)	1.05	B(E1)(W.u.)=1.49×10^{-5} *15*
105.40		49.9@ *3*	100	55.48	(3+)			
123.04	(4−)	123.05 *7*	100	0.0	2−	(M1,E2)	0.63 *22*	
150.55	(+)	95.10 *10*	100	55.48	(3+)	(M1,E2)	1.5 *7*	
163.39	(+)	107.92 *10*	100	55.48	(3+)	(M1,E2)	1.0 *4*	
169.59	(+)	114.2 *2*	100	55.48	(3+)	(M1,E2)	0.8 *3*	
184.20	(3−)	61.18 *7*	45 *4*	123.04	(4−)			
		184.18 *10*	100 *6*	0.0	2−	(M1,E2)	0.17 *4*	
213.27		107.9@ *3*		105.40				
		157.8@ *3*		55.48	(3+)			
246.92		96.37 *15*	100	150.55	(+)			
250.54		87.15 *20*	48 *16*	163.39	(+)			
		194.6&		55.48	(3+)			
		250.3 *3*	100 *16*	0.0	2−			
255.90		71.72 *20*	7 *3*	184.20	(3−)			
		92.52 *10*	100 *11*	163.39	(+)			
265.96		210.50 *10*	100 *7*	55.48	(3+)			
		265.80 *25*	9 *4*	0.0	2−			
275.39	(5−)	152.5 *3*	100	123.04	(4−)	(M1)	0.231	

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Adopted Levels, Gammas (continued)

γ(^{124}I) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[‡]	E_f	J_f^π	Mult.[#]	α[a]
287.36	(6$^-$)	12.0[@] *3*		275.39	(5$^-$)		
		164.3[@] *3*		123.04	(4$^-$)		
289.02	(2,4)	138.60 *20*	34 *4*	150.55	($^+$)		
		233.40 *20*	100 *8*	55.48	(3$^+$)		
291.14	(3$^-$,4$^-$,5$^-$)	168.10 *15*	100	123.04	(4$^-$)	(M1)	
297.03	(3$^-$)	50.10 *15*	24 *4*	246.92			
		112.90	14 *2*	184.20	(3$^-$)		
		133.74 *20*	4.3 *20*	163.39	($^+$)		
		173.90 *15*	39 *8*	123.04	(4$^-$)	(M1)	0.161
		297.06 *15*	100 *16*	0.0	2$^-$	(M1,E2)	0.0401 *15*
300.6		87.4[@] *3*		213.27			
		195.2[@] *3*		105.40			
311.4	(7$^-$)	24[&]		287.36	(6$^-$)		
323.6		200.45		123.04	(4$^-$)		
336.79		80.90 *15*	100	255.90			
345.56		290.08 *20*	100	55.48	(3$^+$)		
353.55		298.11 *20*	100	55.48	(3$^+$)		
361.91	(2$^-$,3$^-$,4$^-$)	238.9 *3*	30 *8*	123.04	(4$^-$)		
		361.86 *20*	100 *10*	0.0	2$^-$	(M1,E2)	0.0228 *5*
369.60		219.07 *20*	100 *20*	150.55	($^+$)		
		369.6 *3*	13 *7*	0.0	2$^-$		
380.17		129.60 *15*	91 *15*	250.54			
		216.7 *4*	66 *20*	163.39	($^+$)		
		380.15 *20*	100 *30*	0.0	2$^-$		
397.1		96.5[@] *3*		300.6			
404.56	(4$^-$,5$^-$,6$^-$)	117.20	0.16 *8*	287.36	(6$^-$)		
		281.6 *3*	100	123.04	(4$^-$)	(M1,E2)	
426.7	(5$^+$)	176.2[&]		250.54			
442.76	(4$^-$)	62.5[b] *2*	<133[b]	380.17			
		119.15	43 *3*	323.6			
		145.91	68 *5*	297.03	(3$^-$)		
		167.3 *3*	100 *33*	275.39	(5$^-$)	(M1)	0.179
		258.74 *25*	83 *50*	184.20	(3$^-$)	(M1,E2)	0.060 *5*
		319.80	32 *6*	123.04	(4$^-$)		
443.35		154.3 *5*	73 *13*	289.02	(2,4)		
		273.80 *15*	100 *27*	169.59	($^+$)		
446.87	(1$^-$,3$^-$)	77.28 *15*	5.1 *18*	369.60			
		110.10 *20*	3.7 *15*	336.79			
		446.85 *15*	100 *10*	0.0	2$^-$	(M1)	0.0137
448.73		159.8 *3*	17 *9*	289.02	(2,4)		
		393.20 *20*	100 *17*	55.48	(3$^+$)		
454.0	(8$^-$)	142.6[&]		311.4	(7$^-$)		
466.8	(6$^-$)	191.6[&]		275.39	(5$^-$)		
		200.8 *5*	100	265.96			
492.95	($^-$)	203.9 *2*	14 *7*	289.02	(2,4)		
		217.60 *20*	75 *7*	275.39	(5$^-$)		
		309.30	100	184.20	(3$^-$)	(M1,E2)	0.0356 *9*
496.69	(1$^-$,2$^-$,3$^-$)	200.0 *5*	100 *36*	297.03	(3$^-$)		
		312.42 *15*	80 *8*	184.20	(3$^-$)	(M1,E2)	0.0346 *8*
		496.7 *3*	32 *14*	0.0	2$^-$	(M1(+E2))	0.0096 *9*
535.5	(7$^-$)	68.6[&]		466.8	(6$^-$)		
		248.2[&]		287.36	(6$^-$)		

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Adopted Levels, Gammas (continued)

$\gamma(^{124}I)$ (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[‡]	E_f	J_f^π	Mult.[#]	α[a]
543.40		181.44 *20*	15 *4*	361.91	$(2^-,3^-,4^-)$		
		373.83 *15*	100 *11*	169.59	$(^+)$		
557.1	(8^-)	245.7[&]		311.4	(7^-)		
591.7		238.4 *4*	100	353.55			
596.38	$(1^-,2^-,3^-)$	234.60	14 *5*	361.91	$(2^-,3^-,4^-)$		
		299.20 *25*	58 *21*	297.03	(3^-)		
		412.27 *20*	82 *15*	184.20	(3^-)	(M1,E2)	0.0159 *9*
		596.4 *4*	100 *33*	0.0	2^-	(M1(+E2))	
604.88		111.94 *10*	87 *25*	492.95	$(^-)$		
		242.92 *25*	100 *50*	361.91	$(2^-,3^-,4^-)$		
609.4		553.9 *4*	100	55.48	(3^+)		
622.8		499.90	28 *7*	123.04	(4^-)		
		622.70	100	0.0	2^-		
654.20		62.5[b] *2*	<27[b]	591.7			
		388.16 *25*	100 *17*	265.96			
		598.7 *4*	83 *43*	55.48	(3^+)		
664.86		399.0 *3*	73 *18*	265.96			
		541.8 *4*	100 *36*	123.04	(4^-)		
		664.7 *4*	86 *50*	0.0	2^-		
689.7	(8^-)	132.6[&]		557.1	(8^-)		
		235.7[&]		454.0	(8^-)		
		378.3[&]		311.4	(7^-)		
724.8	(6^+)	298.1[&]		426.7	(5^+)		
748.0		343.04	100	404.56	$(4^-,5^-,6^-)$		
		424.30	27 *6*	323.6			
		451.20	55 *10*	297.03	(3^-)		
		564.00	85 *15*	184.20	(3^-)		
755.9	(9^-)	198.8[&]		557.1	(8^-)		
		301.9[&]		454.0	(8^-)		
761.6		486.20		275.39	(5^-)		
765.1		318.2 *4*	100 *15*	446.87	$(1^-,3^-)$		
		411.5 *5*	84 *30*	353.55			
766.3		319.30	100	446.87	$(1^-,3^-)$		
		766.40	79 *14*	0.0	2^-		
781.72		284.96 *20*	41 *14*	496.69	$(1^-,2^-,3^-)$		
		377.5 *3*	27 *11*	404.56	$(4^-,5^-,6^-)$		
		531.0 *3*	100 *36*	250.54			
783.0		290.10	33 *8*	492.95	$(^-)$		
		340.10	17 *6*	442.76	(4^-)		
		598.80	100	184.20	(3^-)		
880.4	(8^-)	344.9[&]		535.5	(7^-)		
909.7		547.9 *4*	100 *38*	361.91	$(2^-,3^-,4^-)$		
		740.0 *5*	86 *57*	169.59	$(^+)$		
926.08?		482.8 *2*	43 *9*	443.35			
		521.3 *3*	17 *13*	404.56	$(4^-,5^-,6^-)$		
		650.8 *4*	100 *52*	275.39	(5^-)		
936.3		482.4[&]		454.0	(8^-)		
		625.0[&]		311.4	(7^-)		
		649.0[&]		287.36	(6^-)		
947.2	(9^-)	257.5[&]		689.7	(8^-)		
985.4		389.0 *5*	100	596.38	$(1^-,2^-,3^-)$		
1078.9	(9^-)	521.8[&]		557.1	(8^-)		

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Adopted Levels, Gammas (continued)

γ(^{124}I) (continued)

E_i(level)	J_i^π	E_γ[†]	E_f	J_f^π	E_i(level)	J_i^π	E_γ[†]	E_f	J_f^π
1078.9	(9$^-$)	767.5[&]	311.4	(7$^-$)	2735.7		842.2[&]	1893.5	(12$^-$)
1081.0	(7$^+$)	654.3[&]	426.7	(5$^+$)	2746.3	(14$^-$)	387.1[&]	2359.2	(13$^-$)
1134.9	(10$^-$)	379.0[&]	755.9	(9$^-$)			852.8[&]	1893.5	(12$^-$)
		680.9[&]	454.0	(8$^-$)	2763.8		647.1[&]	2116.7	(12$^-$)
1245.3	(9$^-$)	309[&]	936.3				870.3[&]	1893.5	(12$^-$)
		364.8[&]	880.4	(8$^-$)	2788.8		895.3[&]	1893.5	(12$^-$)
		489.4[&]	755.9	(9$^-$)	2907.7	(15$^+$)	225.5[&]	2682.1	(14$^+$)
		688.2[&]	557.1	(8$^-$)			564.2[&]	2343.7	(13$^+$)
		791.3[&]	454.0	(8$^-$)	3022.9	(14$^-$)	453.2[&]	2569.7	(13$^-$)
1296.9	(10$^+$)	51.6[&]	1245.3	(9$^-$)			892.9[&]	2130.0	(12$^-$)
		218.0[&]	1078.9	(9$^-$)	3100.2	(14$^-$)	983.5[&]	2116.7	(12$^-$)
		541.0[&]	755.9	(9$^-$)	3205.8	(16$^+$)	298.1[&]	2907.7	(15$^+$)
1304.3	(10$^-$)	747.2[&]	557.1	(8$^-$)			523.6[&]	2682.1	(14$^+$)
1304.9	(10$^-$)	357.7[&]	947.2	(9$^-$)	3382.7	(15$^-$)	1023.5[&]	2359.2	(13$^-$)
		615.2[&]	689.7	(8$^-$)	3485.1	(15$^-$)	696.3[&]	2788.8	
1432.6	(8$^+$)	707.8[&]	724.8	(6$^+$)			721.3[&]	2763.8	
1490.3	(11$^-$)	355.4[&]	1134.9	(10$^-$)			749.4[&]	2735.7	
		734.4[&]	755.9	(9$^-$)			915.4[&]	2569.7	(13$^-$)
1681.8	(11$^+$)	384.9[&]	1296.9	(10$^+$)	3745.3	(16$^-$)	999.0[&]	2746.3	(14$^-$)
1705.8	(11$^-$)	400.9[&]	1304.9	(10$^-$)	3860.1		477.4[&]	3382.7	(15$^-$)
		758.6[&]	947.2	(9$^-$)			1113.8[&]	2746.3	(14$^-$)
1810.4	(9$^+$)	729.4[&]	1081.0	(7$^+$)	3887.9	(17$^+$)	682.1[&]	3205.8	(16$^+$)
1893.5	(12$^-$)	403.2[&]	1490.3	(11$^-$)			980.2[&]	2907.7	(15$^+$)
		758.6[&]	1134.9	(10$^-$)	4093.8	(17$^+$)	888.0[&]	3205.8	(16$^+$)
1986.0	(12$^+$)	304.3[&]	1681.8	(11$^+$)			1186.1[&]	2907.7	(15$^+$)
		689.1[&]	1296.9	(10$^+$)	4211.5	(17$^-$)	726.4[&]	3485.1	(15$^-$)
2116.7	(12$^-$)	812.4[&]	1304.3	(10$^-$)	4366.0	(18$^+$)	272.2[&]	4093.8	(17$^+$)
2130.0	(12$^-$)	424.2[&]	1705.8	(11$^-$)			478.1[&]	3887.9	(17$^+$)
		825.1[&]	1304.9	(10$^-$)			1160.2[&]	3205.8	(16$^+$)
2172.0	(10$^+$)	739.4[&]	1432.6	(8$^+$)	4396.2	(17$^-$)	1013.5[&]	3382.7	(15$^-$)
2343.7	(13$^+$)	357.6[&]	1986.0	(12$^+$)	4652.3	(18$^-$)	907.0[&]	3745.3	(16$^-$)
		661.8[&]	1681.8	(11$^+$)	4863.8	(19$^-$)	652.3[&]	4211.5	(17$^-$)
2359.2	(13$^-$)	868.9[&]	1490.3	(11$^-$)	4967.6	(19$^+$)	601.6[&]	4366.0	(18$^+$)
2562.2	(11$^+$)	751.8[&]	1810.4	(9$^+$)			1079.7[&]	3887.9	(17$^+$)
2569.7	(13$^-$)	439.7[&]	2130.0	(12$^-$)	5342.7	(20$^+$)	375.1[&]	4967.6	(19$^+$)
		863.9[&]	1705.8	(11$^-$)			976.7[&]	4366.0	(18$^+$)
2682.1	(14$^+$)	338.1[&]	2343.7	(13$^+$)	5515.6		1149.6[&]	4366.0	(18$^+$)
		696.3[&]	1986.0	(12$^+$)	5555.5	(21$^-$)	691.7[&]	4863.8	(19$^-$)
2735.7		619.0[&]	2116.7	(12$^-$)					

[†] From ^{124}Te(p,nγ), unless otherwise indicated.
[‡] From ^{124}Te(p,nγ).
[#] From γ+ce intensity imbalance and α(K)exp in ^{124}Te(p,nγ), unless otherwise indicated.

Continued on next page (footnotes at end of table)

Adopted Levels, Gammas (continued)

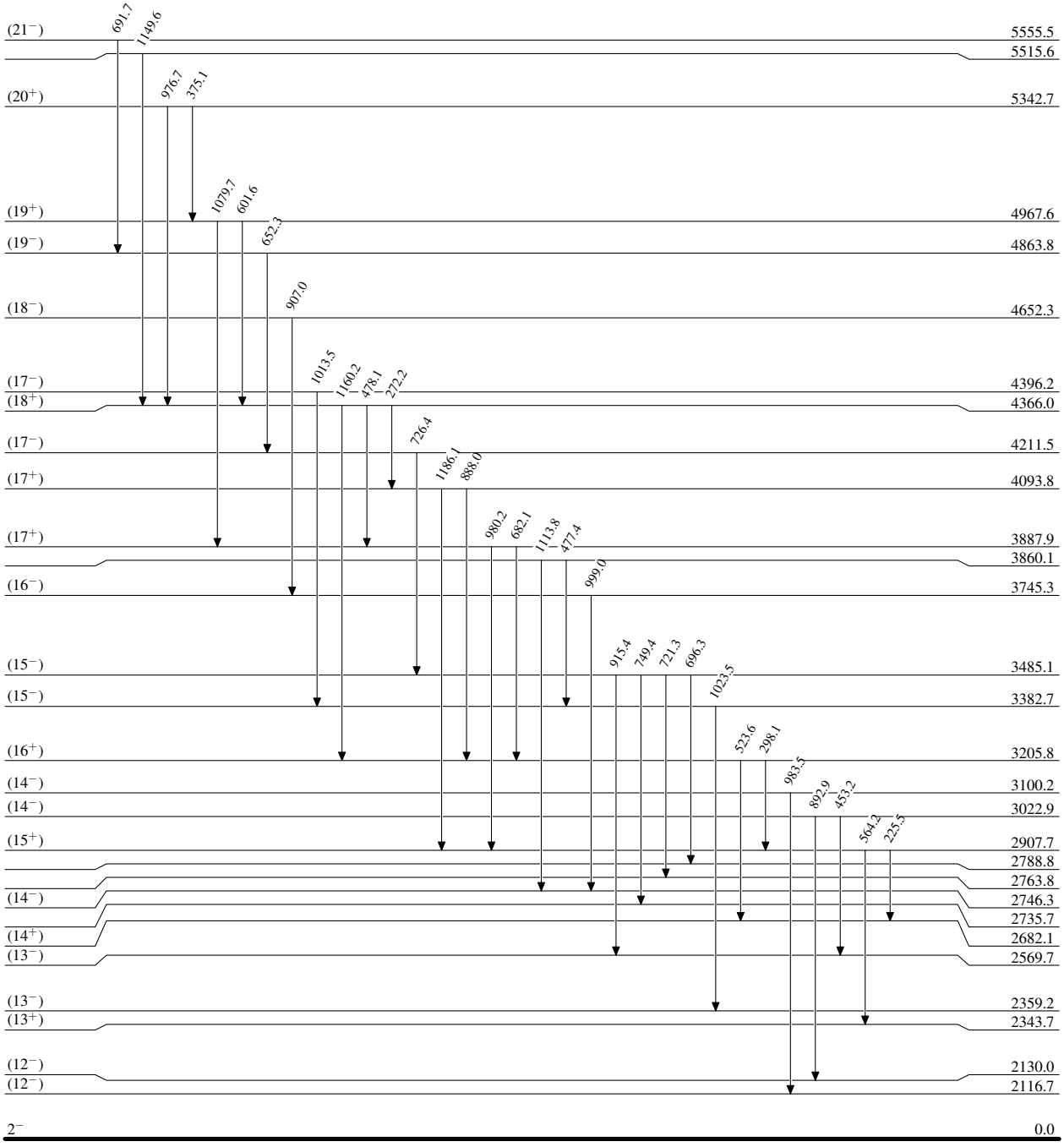
$\gamma(^{124}I)$ (continued)

[@] From 1986LuZW, uncertainty is assumed to 0.3 keV.
[&] From 2003MoZQ.
[a] 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.
[b] Multiply placed with undivided intensity.

Adopted Levels, Gammas

Level Scheme

Intensities: Relative photon branching from each level



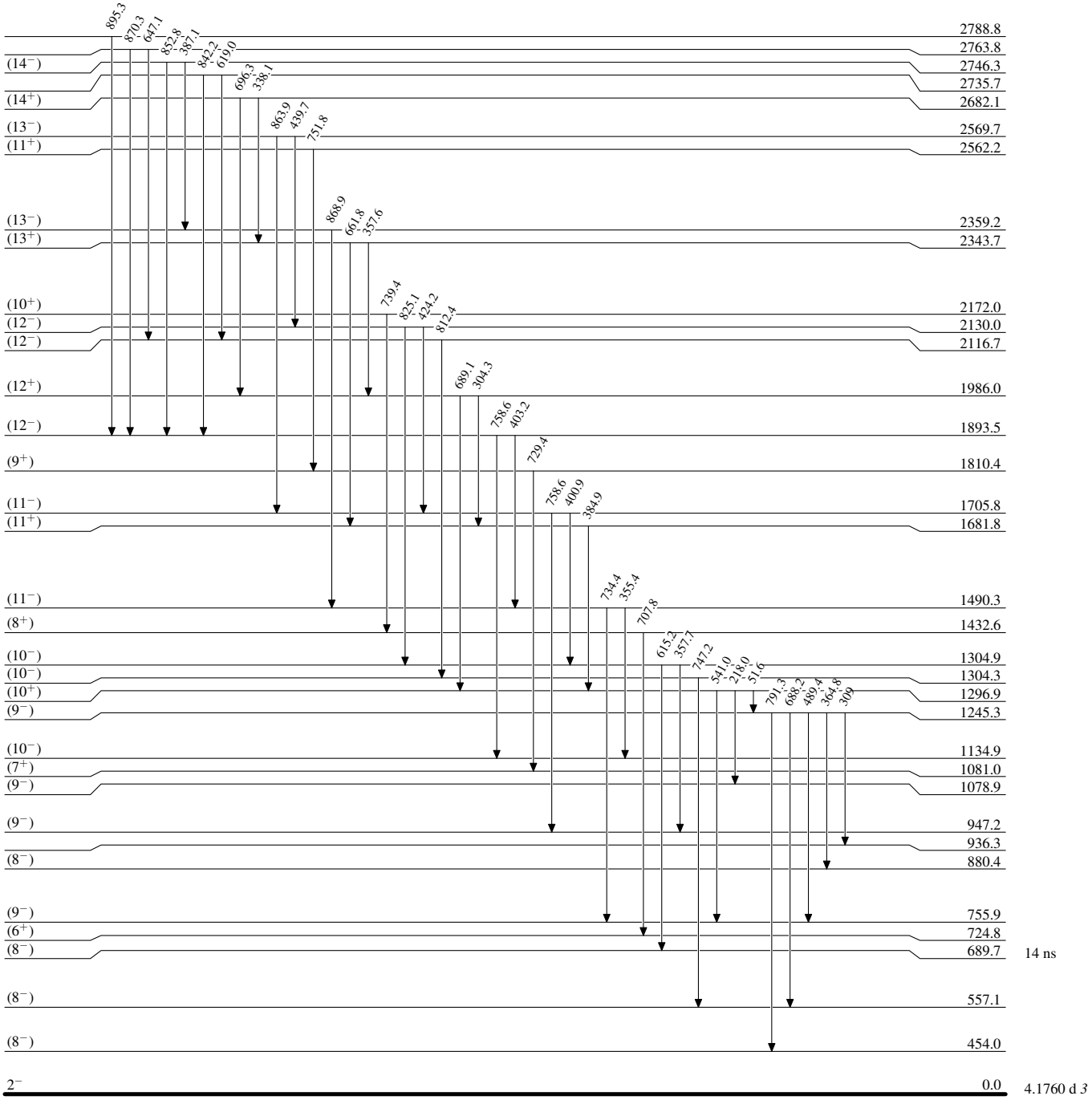
4.1760 d *3*

$^{124}_{53}I_{71}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level



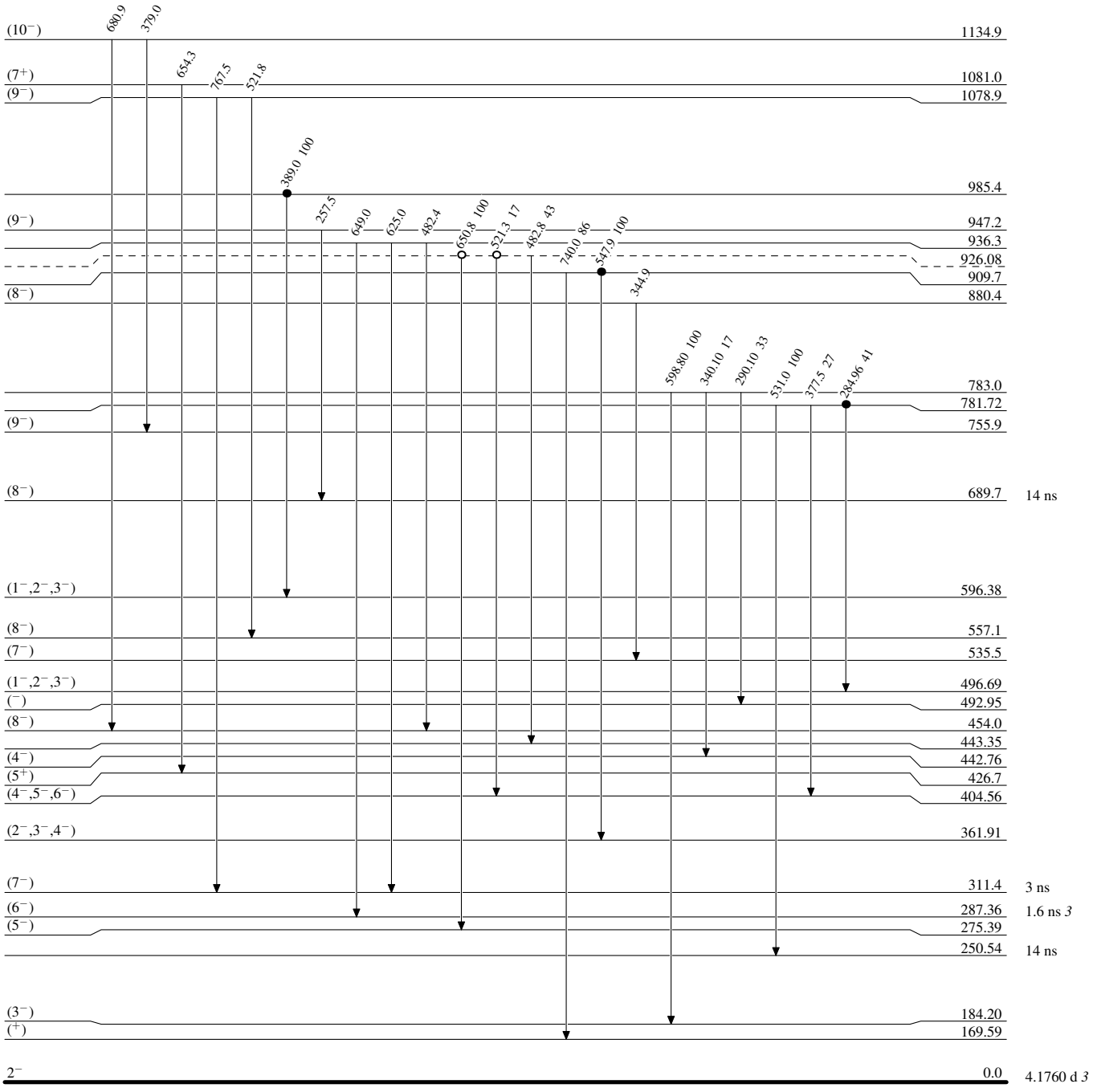
$^{124}_{53}I_{71}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level

Legend
- ● Coincidence
- ○ Coincidence (Uncertain)



$^{124}_{53}I_{71}$

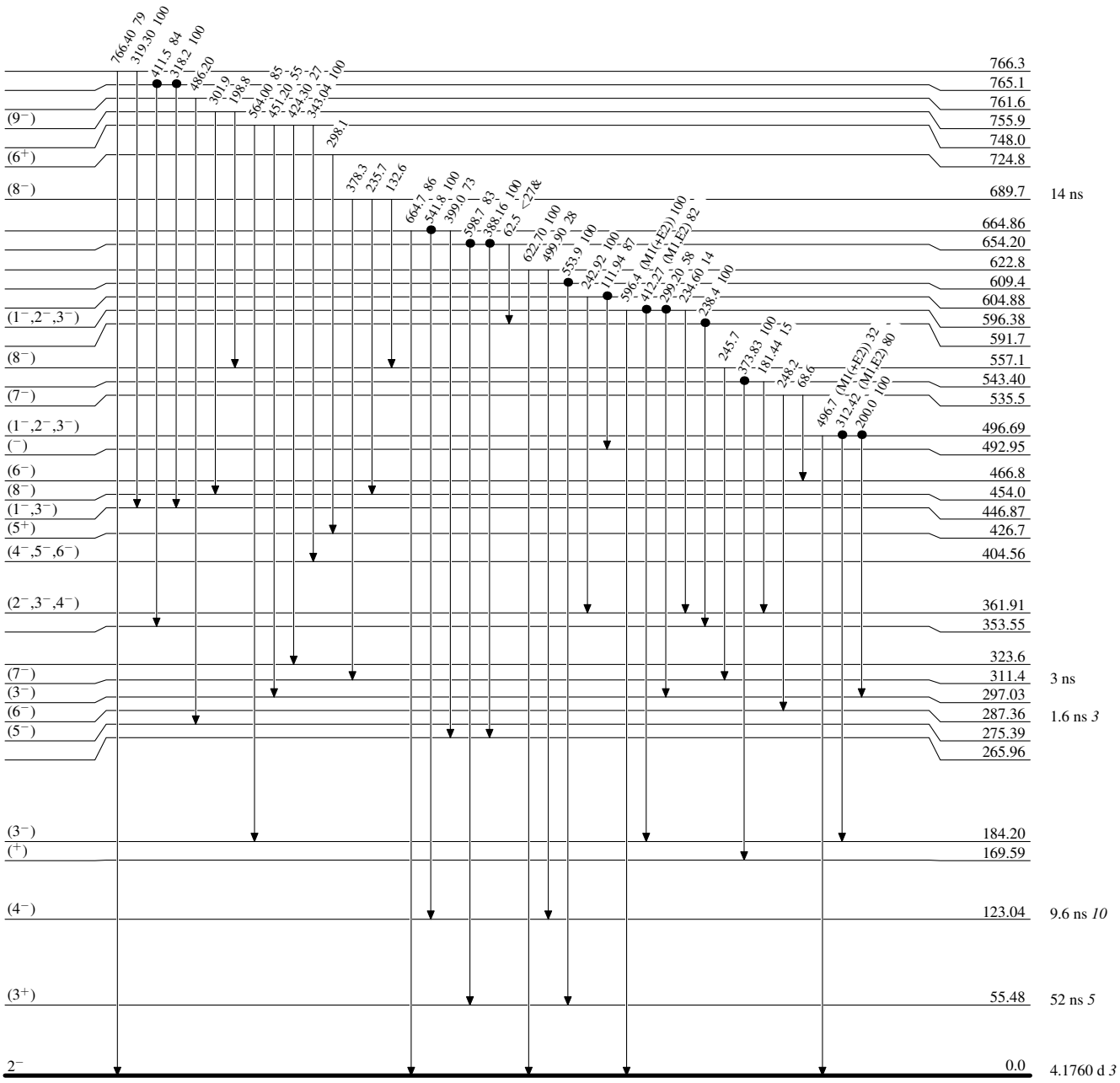
Adopted Levels, Gammas

Level Scheme (continued)

Legend

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

● Coincidence



$^{124}_{53}I_{71}$

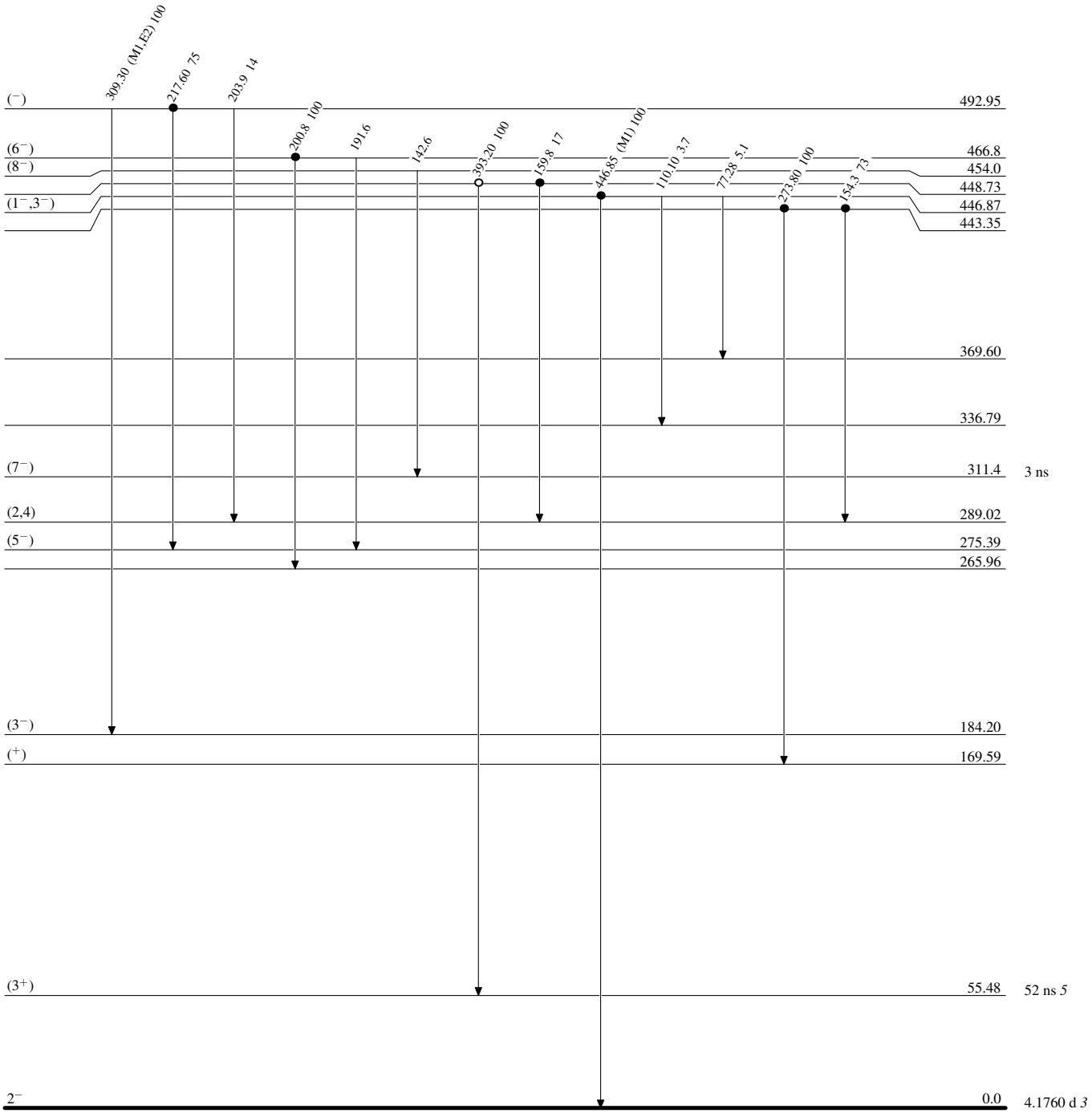
Adopted Levels, Gammas

Legend

Level Scheme (continued)

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

● Coincidence
○ Coincidence (Uncertain)



$^{124}_{53}I_{71}$

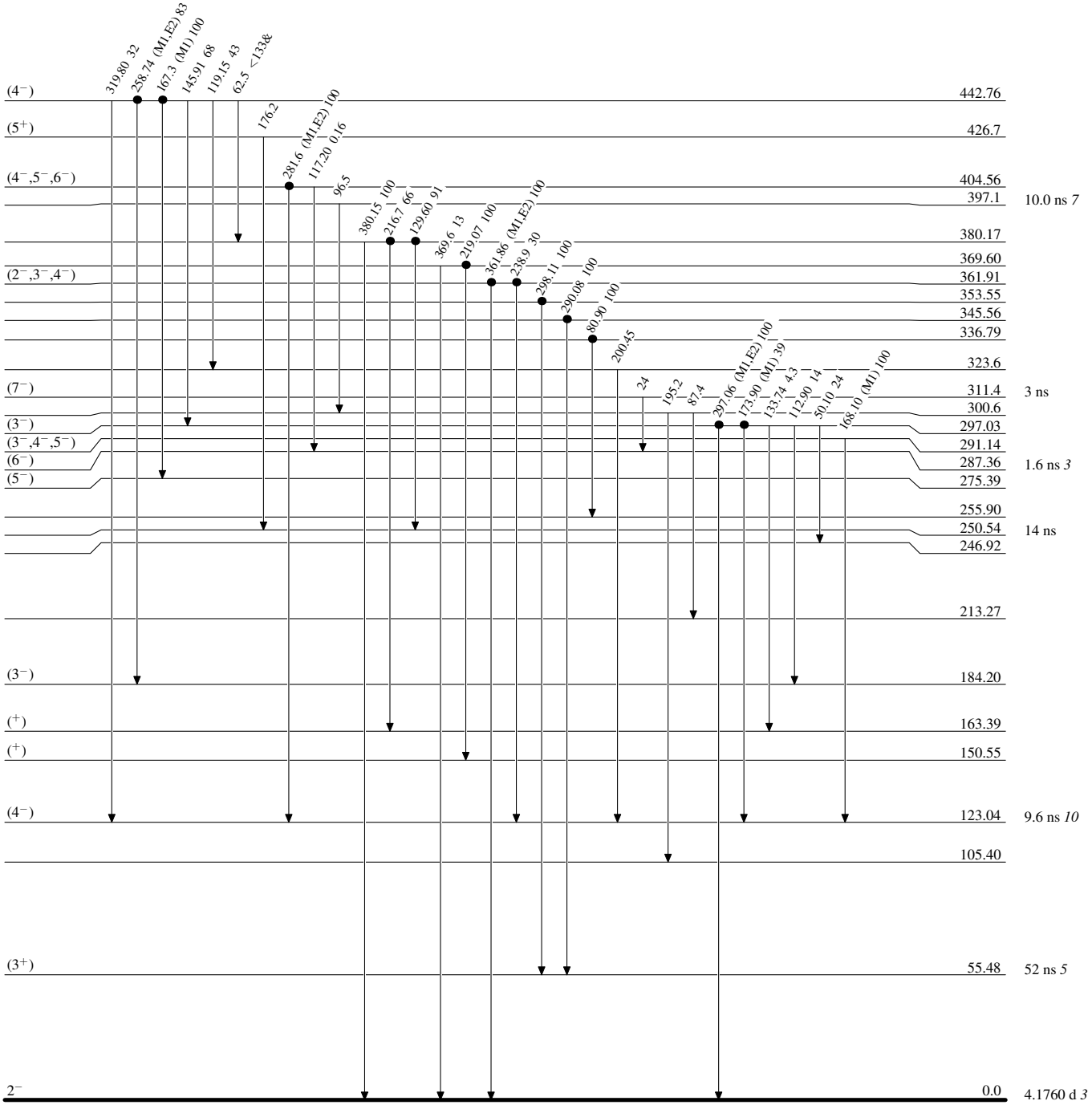
Adopted Levels, Gammas

Legend

Level Scheme (continued)

Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

● Coincidence



$^{124}_{53}I_{71}$

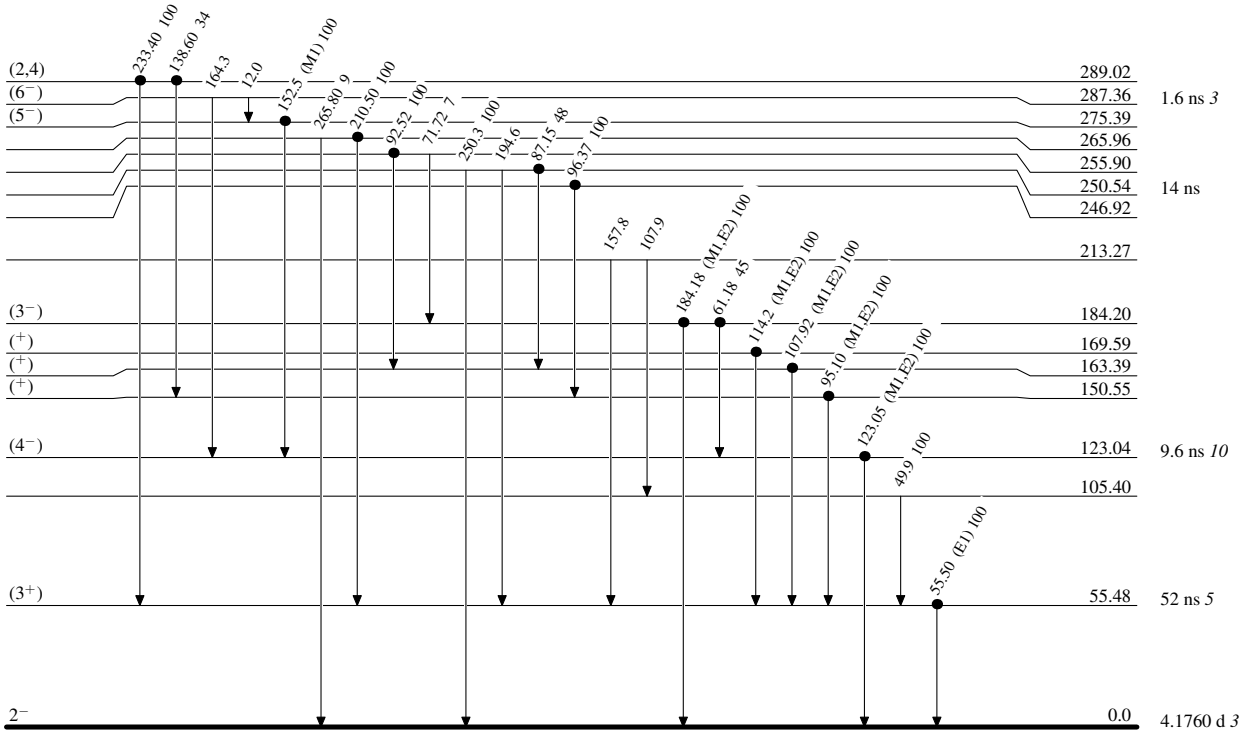
Adopted Levels, Gammas

Legend

Level Scheme (continued)

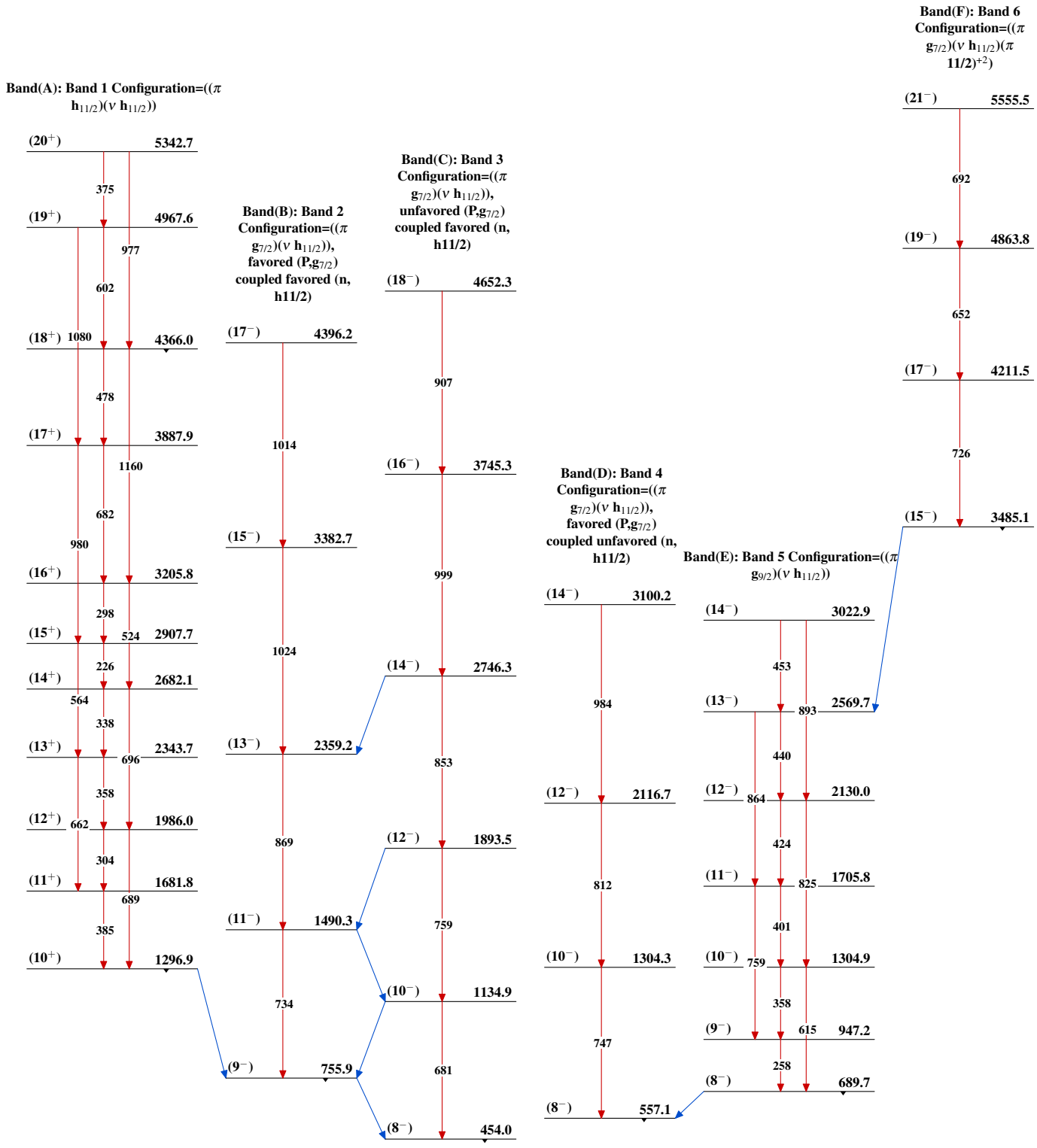
Intensities: Relative photon branching from each level
& Multiply placed: undivided intensity given

● Coincidence



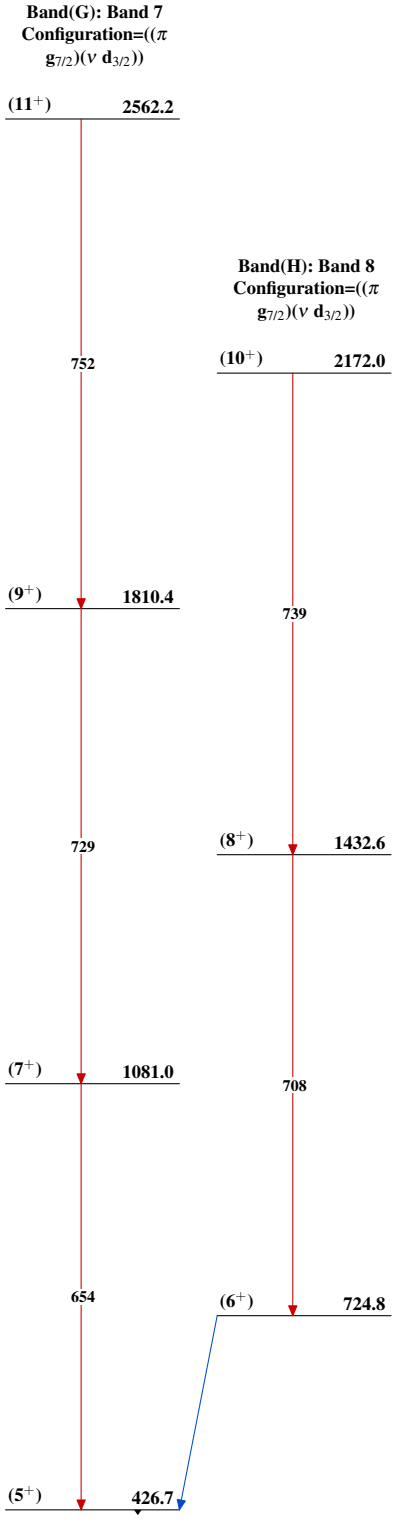
$^{124}_{53}I_{71}$

Adopted Levels, Gammas



$^{124}_{53}I_{71}$

Adopted Levels, Gammas (continued)



$^{124}_{53}I_{71}$