

Adopted Levels, Gammas

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	J. Katakura	NDS 112,495 (2011)	1-Jan-2010

$Q(\beta^-) = -4419$ 14; $S(n) = 10428$ 12; $S(p) = 3716$ 8; $Q(\alpha) = -261$ 10 [2012Wa38](#)

Note: Current evaluation has used the following Q record -4420 1410428 11 3716 8 -263 10 [2009AuZZ](#).

 ^{125}Cs LevelsCross Reference (XREF) Flags

- A $^{110}\text{Pd}(^{19}\text{F}, 4n\gamma)$
 B ^{125}Ba ε decay (3.3 min)
 C $^{118}\text{Sn}(^{10}\text{B}, 3n\gamma)$, $^{114}\text{Cd}(^{14}\text{N}, 3n\gamma)$
 D ^{125}Cs IT decay (0.90 ms)

E(level) [†]	J $\pi^{\ddagger}$	T _{1/2}	XREF	Comments
0.0	1/2 ⁽⁺⁾	46.7 min 1	ABCD	$\% \varepsilon + \% \beta^+ = 100$ $\mu = +1.409$ 7 T _{1/2} : Unweighted av of 45 min 1 (1954Mi16), 49 min 5 (1962Pr09) and 46 min 4 (1967DaZY). J π : Atomic-beam magnetic resonance (1971Da01 ; also 1966Da11). μ : From LASER spectroscopy (1981Th06). See also 2005St24 compilation. $\langle r^2 \rangle^{1/2} = 4.788$ fm 6 (2004An14 , evaluation).
77.11 24	3/2 ⁽⁺⁾	1.2 ns 1	ABCD	T _{1/2} : From (1987Fr10). J π : M1+E2 γ to 1/2 ⁽⁺⁾ .
84.82 24	(5/2 ⁺)	14.5 ns 15	ABCD	T _{1/2} : From (1976Be11). J π : E2 γ to 1/2 ⁽⁺⁾ ; systematics.
140.3 3	(3/2 ⁻)		B	J π : E1 γ to 1/2 ⁽⁺⁾ ; γ to (5/2 ⁺).
185.1 4	1/2 ⁽⁺⁾ , 3/2, 5/2		B	J π : γ 's to 3/2 ⁽⁺⁾ , (5/2 ⁺) and (3/2 ⁻).
253.1 ^g 3	(7/2 ⁺)		A CD	J π : E2 γ to 3/2 ⁽⁺⁾ . γ from (11/2 ⁻) has mult=Q.
266.1 ^c 11	(11/2 ⁻)	0.90 ms 3	A CD	$\% \text{IT} = 100$ T _{1/2} : From ^{125}Cs IT Decay (0.90 ms). J π : Systematics.
540.7 [@] 11	(9/2 ⁺)		A C	J π : Systematics.
631.8 ^c 11	(15/2 ⁻)		A C	
683.3 ^g 5	(11/2 ⁺)		A C	
850.0 [#] 11	(11/2 ⁺)		A C	J π : $\Delta J = 1$ from (13/2).
1196.6 [@] 11	(13/2 ⁺)		A C	
1203.8 ^c 11	(19/2 ⁻)		A C	
1279.0 ^b 11	(17/2 ⁻)		A C	
1293.6 ^g 6	(15/2 ⁺)		A C	
1574.8 [#] 11	(15/2 ⁺)		A C	
1753.9 ^h 11	(19/2 ⁻)		A C	
1899.1 ^b 12	(21/2 ⁻)		A C	
1963.0 ^c 12	(23/2 ⁻)		A C	
1986.6 [@] 11	(17/2 ⁺)		A	
2055.3 ^g 6	(19/2 ⁺)		A C	
2318.3 ^{&} 12	(17/2 ⁺)		A	
2396.6 ^a 12	(19/2 ⁺)		A	
2424.5 ^h 12	(23/2 ⁻)		A C	
2425.4 [#] 11	(19/2 ⁺)		A	

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Adopted Levels, Gammas (continued) ^{125}Cs Levels (continued)

E(level) [†]	J ^π [‡]	XREF	Comments
2518.5 ^{&} 12	(21/2 ⁺)	A	
2570.8 ^d 12	(23/2 ⁻)	A	
2691.0 ^b 12	(25/2 ⁻)	A	
2699.1 ^a 12	(23/2 ⁺)	A	
2832.9 ^c 12	(27/2 ⁻)	A C	
2895.9 [@] 12	(21/2 ⁺)	A	
2919.6 7	(23/2 ⁺)	A	
2943.9 ^g 7	(23/2 ⁺)	A	
2945.7 ^{&} 12	(25/2 ⁺)	A	
3178.2 ^d 12	(27/2 ⁻)	A	
3241.1 ^e 16	(25/2 ⁺)	A	
3243.8 ^h 12	(27/2 ⁻)	A	
3257.5 ^a 12	(27/2 ⁺)	A	
3385.5 [#] 12	(23/2 ⁻)	A	
3500.1 ^e 13	(27/2 ⁺)	A	
3553.4 ^b 12	(29/2 ⁻)	A	
3616.9 ^{&} 12	(29/2 ⁺)	A	
3723.9 ^c 12	(31/2 ⁻)	A	
3841.0 ^e 13	(29/2 ⁺)	A	
3976.0 ^d 12	(31/2 ⁻)	A	
4010.2 ^a 12	(31/2 ⁺)	A	
4212.7 ^e 13	(31/2 ⁺)	A	
4358.3 ^b 12	(33/2 ⁻)	A	
4451.2 ^{&} 12	(33/2 ⁺)	A	
4593.2 ^c 13	(35/2 ⁻)	A	
4604.3 ^e 13	(33/2 ⁺)	A	
4920.4 ^d 12	(35/2 ⁻)	A	
4925.7 ^a 12	(35/2 ⁺)	A	
5028.4 ^e 13	(35/2 ⁺)	A	
5212.8 ^b 12	(37/2 ⁻)	A	
5429.2 ^{&} 13	(37/2 ⁺)	A	
5495.8 ^e 14	(37/2 ⁺)	A	
5518.9 ^c 13	(39/2 ⁻)	A	
5937.0 ^a 14	(39/2 ⁺)	A	
6189.0 ^b 14	(41/2 ⁻)	A	
6469.1 ^{&} 15	(41/2 ⁺)	A	
6520.2 ^c 13	(43/2 ⁻)	A	
7273.1 ^b 15	(45/2 ⁻)	A	
7600.2 ^c 17	(47/2 ⁻)	A	
8759.2 ^c 20	(51/2 ⁻)	A	
10003.2 ^c 22	(55/2 ⁻)	A	
11310.2 ^c 24	(59/2 ⁻)	A	
0+x ^f	(23/2 ⁺)	A	Additional information 1. E(level): x ≈ 3 MeV (2006Si16) from systematics.
611.0+x ^f 10	(27/2 ⁺)	A	
1354.0+x ^f 15	(31/2 ⁺)	A	
2187.0+x ^f 18	(35/2 ⁺)	A	

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Adopted Levels, Gammas (continued) ^{125}Cs Levels (continued)

<u>E(level)[†]</u>	<u>J^π[‡]</u>	<u>XREF</u>
3030.0+x ^f 20	(39/2 ⁺)	A
3901.0+x ^f 23	(43/2 ⁺)	A
4850.0+x ^f 25	(47/2 ⁺)	A
5829+x ^f 3	(51/2 ⁺)	A

[†] From a least-squares fit by evaluators to the adopted E γ 's.

[‡] From $\gamma(\theta)$ and band structure in $^{110}\text{Pd}(^{19}\text{F},4\text{n}\gamma)$, $^{96}\text{Zr}(^{34}\text{S},\text{p}4\text{n}\gamma)$ and $^{118}\text{Sn}(^{10}\text{B},3\text{n}\gamma)$, unless otherwise noted.

Band(A): $\pi g_{9/2}$, $\alpha=+1/2$. Strongly-coupled band.

@ Band(a): $\pi g_{9/2}$, $\alpha=-1/2$. Strongly-coupled band.

& Band(B): 3-qp band, $\alpha=+1/2$. $\pi h_{11/2} \otimes \nu h_{11/2} \otimes \nu g_{7/2}$, Strongly-coupled band.

^a Band(b): 3-qp band, $\alpha=-1/2$. $\pi h_{11/2} \otimes \nu h_{11/2} \otimes \nu g_{7/2}$, Strongly-coupled band.

^b Band(C): Yrast band, $\pi h_{11/2}$, $\alpha=+1/2$.

^c Band(c): Yrast band, $\pi h_{11/2}$, $\alpha=-1/2$.

^d Band(D): $\pi h_{11/2} \otimes (\gamma \text{ vibrational band})$.

^e Band(E): $\Delta J=1$ band based on (25/2⁺).

^f Band(F): 3-qp decoupled band based on (23/2⁺). Configuration= $(\pi g_{9/2}/\pi g_{7/2}) \otimes (\pi h_{11/2}^2/\nu h_{11/2}^2)$ with preference for $\pi g_{7/2} \otimes \nu h_{11/2}^2$ configuration from TAC calculations for lower part of the band.

^g Band(G): $\pi g_{7/2}$, $\alpha=-1/2$.

^h Band(H): Band based on 19/2⁻, $\alpha=-1/2$.

Adopted Levels, Gammas (continued)

$\gamma(^{125}\text{Cs})$									
$E_i(\text{level})$	J_i^π	E_γ	I_γ	E_f	J_f^π	Mult. #	$\delta^\#$	$\alpha^\dagger$	Comments
77.11	$3/2^{(+)}$	77.1 3	100	0.0	$1/2^{(+)}$	M1+E2	0.22 6	2.03 9	B(M1)(W.u.)=(0.0128 13); B(E2)(W.u.)=(6.E+1 6) $\alpha(\text{K})=1.67$ 4; $\alpha(\text{L})=0.28$ 4; $\alpha(\text{M})=0.059$ 9; $\alpha(\text{N}+..)=0.0141$ 20 $\alpha(\text{N})=0.0124$ 18; $\alpha(\text{O})=0.00164$ 20; $\alpha(\text{P})=6.42 \times 10^{-5}$ 12 Mult., δ : From ^{125}Ba ε decay.
84.82	$(5/2^+)$	84.6 3	100	0.0	$1/2^{(+)}$	E2		3.39 7	B(E2)(W.u.)=55 6 $\alpha(\text{K})=2.00$ 4; $\alpha(\text{L})=1.099$ 24; $\alpha(\text{M})=0.239$ 6; $\alpha(\text{N}+..)=0.0539$ 12 $\alpha(\text{N})=0.0482$ 11; $\alpha(\text{O})=0.00561$ 12; $\alpha(\text{P})=5.38 \times 10^{-5}$ 10 Mult.: From ^{125}Ba ε decay.
140.3	$(3/2^-)$	55.0 5 63.1 5 140.9 5	56 5 9 5 100 9	84.82 77.11 0.0	$(5/2^+)$ $3/2^{(+)}$ $1/2^{(+)}$	E1		0.0845 15	$\alpha(\text{K})=0.0726$ 13; $\alpha(\text{L})=0.00951$ 17; $\alpha(\text{M})=0.00193$ 4; $\alpha(\text{N}+..)=0.000460$ 8 $\alpha(\text{N})=0.000404$ 7; $\alpha(\text{O})=5.44 \times 10^{-5}$ 10; $\alpha(\text{P})=2.36 \times 10^{-6}$ 4 Mult.: From ^{125}Ba ε decay.
185.1	$1/2^{(+)}, 3/2, 5/2$	45.0 5 100.1 5 108.0 5	≈ 38 75 40 100 25	140.3 84.82 77.11	$(3/2^-)$ $(5/2^+)$ $3/2^{(+)}$				
253.1	$(7/2^+)$	168.3 3	100 5	84.82	$(5/2^+)$	E2(+M1)	>1.11	0.280 21	$\alpha(\text{K})=0.218$ 12; $\alpha(\text{L})=0.049$ 8; $\alpha(\text{M})=0.0105$ 17; $\alpha(\text{N}+..)=0.0024$ 4 $\alpha(\text{N})=0.0022$ 4; $\alpha(\text{O})=0.00027$ 4; $\alpha(\text{P})=7.05 \times 10^{-6}$ 11 Mult., δ : From $\alpha=0.36$ 10 based on an intensity balance in ^{125}Cs IT decay (0.90 ms).
		176.0 3	75 4	77.11	$3/2^{(+)}$	E2		0.258	$\alpha(\text{K})=0.198$ 3; $\alpha(\text{L})=0.0475$ 8; $\alpha(\text{M})=0.01009$ 16; $\alpha(\text{N}+..)=0.00233$ 4 $\alpha(\text{N})=0.00207$ 4; $\alpha(\text{O})=0.000256$ 4; $\alpha(\text{P})=6.14 \times 10^{-6}$ 10 Mult.: From $\alpha=0.43$ 11 based on an intensity balance in ^{125}Cs IT decay (0.90 ms).
266.1	$(11/2^-)$	(13)		253.1	$(7/2^+)$	(M2)		1.595×10^4	$\alpha(\text{L})=1.242 \times 10^4$ 18; $\alpha(\text{M})=2.85 \times 10^3$ 4; $\alpha(\text{N}+..)=683$ 10 $\alpha(\text{N})=602$ 9; $\alpha(\text{O})=78.2$ 11; $\alpha(\text{P})=2.78$ 4 B(M2)(W.u.)=0.23 9 Mult.: Reduced transition probabilities are consistent only with mult=E2 or M2. The level scheme requires M2.

Adopted Levels, Gammas (continued) $\gamma(^{125}\text{Cs})$ (continued)

$E_i(\text{level})$	J_i^π	$E_\gamma^{\ddagger}$	$I_\gamma^{\ddagger}$	E_f	J_f^π	Mult.#	$\delta^\#$
540.7	(9/2 ⁺)	274.6 3	100	266.1	(11/2 ⁻)	(D)	
631.8	(15/2 ⁻)	365.7 3	100	266.1	(11/2 ⁻)	Q	
683.3	(11/2 ⁺)	430.2 3	100	253.1	(7/2 ⁺)	Q	
850.0	(11/2 ⁺)	309.3 3	100 20	540.7	(9/2 ⁺)		
		583.9 3	<40	266.1	(11/2 ⁻)		
1196.6	(13/2 ⁺)	346.5 3	100 25	850.0	(11/2 ⁺)	D+Q	+0.14 1
		655.8 3	50 25	540.7	(9/2 ⁺)	Q	
1203.8	(19/2 ⁻)	572.2 3	100	631.8	(15/2 ⁻)	Q	
1279.0	(17/2 ⁻)	647.1 3	100	631.8	(15/2 ⁻)	D+Q	-0.30 7
1293.6	(15/2 ⁺)	610.3 3	100	683.3	(11/2 ⁺)	Q	
1574.8	(15/2 ⁺)	378.1 3	100 17	1196.6	(13/2 ⁺)		
		725.0 3	17	850.0	(11/2 ⁺)		
1753.9	(19/2 ⁻)	474.7 3	100 22	1279.0	(17/2 ⁻)	D+Q	-0.23 1
		1122.0 3	22 11	631.8	(15/2 ⁻)	Q	
1899.1	(21/2 ⁻)	620.5 3	29	1279.0	(17/2 ⁻)	Q	
		695.3 3	100	1203.8	(19/2 ⁻)	D+Q	-0.25 1
1963.0	(23/2 ⁻)	759.5 3	100	1203.8	(19/2 ⁻)	Q	
1986.6	(17/2 ⁺)	411.7 3	100 50	1574.8	(15/2 ⁺)		
		789.9 3	<100	1196.6	(13/2 ⁺)		
2055.3	(19/2 ⁺)	761.7 3	100	1293.6	(15/2 ⁺)	(Q)	
2318.3	(17/2 ⁺)	1686.4 3	100	631.8	(15/2 ⁻)	D+Q	+0.07 3
2396.6	(19/2 ⁺)	78		2318.3	(17/2 ⁺)		
		1117.4 3	100 11	1279.0	(17/2 ⁻)	D+Q	-0.03 1
2424.5	(23/2 ⁻)	525.6 3	100 50	1899.1	(21/2 ⁻)		
		670.2 3	<100	1753.9	(19/2 ⁻)	(Q)	
		1221.0 3	<50	1203.8	(19/2 ⁻)		
2425.4	(19/2 ⁺)	438.9 3	1.0×10 ² 5	1986.6	(17/2 ⁺)		
		850.7 3	≤100	1574.8	(15/2 ⁺)		
2518.5	(21/2 ⁺)	121.7 3	100 11	2396.6	(19/2 ⁺)	D+Q	+0.30 6
		764.6 3	16 5	1753.9	(19/2 ⁻)	D+Q	-0.25 15
2570.8	(23/2 ⁻)	1366.6 3	100	1203.8	(19/2 ⁻)	Q	
2691.0	(25/2 ⁻)	728.1 3	100 20	1963.0	(23/2 ⁻)		
		791.9 3	100 20	1899.1	(21/2 ⁻)	Q	
2699.1	(23/2 ⁺)	180.5 3	100	2518.5	(21/2 ⁺)	D+Q	-0.7 3
		302		2396.6	(19/2 ⁺)		
2832.9	(27/2 ⁻)	869.9 3	100	1963.0	(23/2 ⁻)	Q	
2895.9	(21/2 ⁺)	470.2 3	50	2425.4	(19/2 ⁺)		
		909.2 3	<100	1986.6	(17/2 ⁺)		
2919.6	(23/2 ⁺)	864.3 3	100	2055.3	(19/2 ⁺)		
2943.9	(23/2 ⁺)	888.6 3	100	2055.3	(19/2 ⁺)		
2945.7	(25/2 ⁺)	246.5 3	100	2699.1	(23/2 ⁺)	D+Q	-0.34 19
3178.2	(27/2 ⁻)	607.0 3	<100	2570.8	(23/2 ⁻)		

Adopted Levels, Gammas (continued) $\gamma(^{125}\text{Cs})$ (continued)

$E_i(\text{level})$	J_i^π	$E_\gamma^{\ddagger}$	$I_\gamma^{\ddagger}$	E_f	J_f^π	Mult. [#]	$\delta^{\#}$
3178.2	(27/2 ⁻)	1215.4 3	50	1963.0	(23/2 ⁻)		
3241.1	(25/2 ⁺)	542		2699.1	(23/2 ⁺)		
3243.8	(27/2 ⁻)	819.4 3	100	2424.5	(23/2 ⁻)		
3257.5	(27/2 ⁺)	311.8 3	100 5	2945.7	(25/2 ⁺)	D+Q	-0.2 4
		558.4 3	<10	2699.1	(23/2 ⁺)		
3385.5	(23/2 ⁻)	489.2 3	<100	2895.9	(21/2 ⁺)		
		960.5 3	<100	2425.4	(19/2 ⁺)		
3500.1	(27/2 ⁺)	258		3243.8	(27/2 ⁻)		
		554		2945.7	(25/2 ⁺)		
		801 @		2699.1	(23/2 ⁺)		
3553.4	(29/2 ⁻)	720.4 3	67 33	2832.9	(27/2 ⁻)	D+Q	-0.35 2
		862.7 3	100 33	2691.0	(25/2 ⁻)		
3616.9	(29/2 ⁺)	359.5 3	100 13	3257.5	(27/2 ⁺)	D+Q	-0.19 3
		671.1 3	<25	2945.7	(25/2 ⁺)		
3723.9	(31/2 ⁻)	891.2 3	100	2832.9	(27/2 ⁻)	Q	
3841.0	(29/2 ⁺)	342		3500.1	(27/2 ⁺)		
		583		3257.5	(27/2 ⁺)		
		895		2945.7	(25/2 ⁺)		
3976.0	(31/2 ⁻)	797.5 3	<100	3178.2	(27/2 ⁻)		
		1143.0 3	50	2832.9	(27/2 ⁻)		
4010.2	(31/2 ⁺)	393.4 3	100 25	3616.9	(29/2 ⁺)	D+Q	+0.39 14
		752.8 3	<50	3257.5	(27/2 ⁺)		
4212.7	(31/2 ⁺)	372		3841.0	(29/2 ⁺)		
		596		3616.9	(29/2 ⁺)		
		955		3257.5	(27/2 ⁺)		
4358.3	(33/2 ⁻)	634.3 3	<100	3723.9	(31/2 ⁻)		
		804.9 3	<100	3553.4	(29/2 ⁻)		
4451.2	(33/2 ⁺)	441.1 3	1.0×10 ² 5	4010.2	(31/2 ⁺)		
		834.2 3	<100	3616.9	(29/2 ⁺)		
4593.2	(35/2 ⁻)	235		4358.3	(33/2 ⁻)		
		869 1	100	3723.9	(31/2 ⁻)	Q	
4604.3	(33/2 ⁺)	392		4212.7	(31/2 ⁺)		
		594		4010.2	(31/2 ⁺)		
		987		3616.9	(29/2 ⁺)		
4920.4	(35/2 ⁻)	944.2 3	<100	3976.0	(31/2 ⁻)		
		1196.8 3	<100	3723.9	(31/2 ⁻)		
4925.7	(35/2 ⁺)	474.3 3	<100	4451.2	(33/2 ⁺)		
		915.5 3	<100	4010.2	(31/2 ⁺)		
5028.4	(35/2 ⁺)	424		4604.3	(33/2 ⁺)		
		578		4451.2	(33/2 ⁺)		
		1018 @		4010.2	(31/2 ⁺)		

Adopted Levels, Gammas (continued)

$\gamma(^{125}\text{Cs})$ (continued)

$E_i(\text{level})$	J_i^π	$E_\gamma^\ddagger$	$I_\gamma^\ddagger$	E_f	J_f^π	$E_i(\text{level})$	J_i^π	$E_\gamma^\ddagger$	$I_\gamma^\ddagger$	E_f	J_f^π
5212.8	(37/2 ⁻)	620 1	<100	4593.2 (35/2 ⁻)		6520.2	(43/2 ⁻)	331		6189.0	(41/2 ⁻)
		854.5 3	<50	4358.3 (33/2 ⁻)				1001.3 3	100	5518.9	(39/2 ⁻)
5429.2	(37/2 ⁺)	504		4925.7 (35/2 ⁺)		7273.1	(45/2 ⁻)	753		6520.2	(43/2 ⁻)
		978.0 3	100	4451.2 (33/2 ⁺)				1084		6189.0	(41/2 ⁻)
5495.8	(37/2 ⁺)	468		5028.4 (35/2 ⁺)		7600.2	(47/2 ⁻)	1080		6520.2	(43/2 ⁻)
		569		4925.7 (35/2 ⁺)		8759.2	(51/2 ⁻)	1159		7600.2	(47/2 ⁻)
		1045 @		4451.2 (33/2 ⁺)		10003.2	(55/2 ⁻)	1244		8759.2	(51/2 ⁻)
5518.9	(39/2 ⁻)	307		5212.8 (37/2 ⁻)		11310.2	(59/2 ⁻)	1307		10003.2	(55/2 ⁻)
		925.7 3	1.0×10 ² 5	4593.2 (35/2 ⁻)			611.0+x	(27/2 ⁺)	611	0+x	(23/2 ⁺)
5937.0	(39/2 ⁺)	508		5429.2 (37/2 ⁺)			1354.0+x	(31/2 ⁺)	743	611.0+x	(27/2 ⁺)
		1011		4925.7 (35/2 ⁺)			2187.0+x	(35/2 ⁺)	833	1354.0+x	(31/2 ⁺)
6189.0	(41/2 ⁻)	670		5518.9 (39/2 ⁻)			3030.0+x	(39/2 ⁺)	843	2187.0+x	(35/2 ⁺)
		976		5212.8 (37/2 ⁻)			3901.0+x	(43/2 ⁺)	871	3030.0+x	(39/2 ⁺)
6469.1	(41/2 ⁺)	532		5937.0 (39/2 ⁺)			4850.0+x	(47/2 ⁺)	949	3901.0+x	(43/2 ⁺)
		1040		5429.2 (37/2 ⁺)			5829+x	(51/2 ⁺)	979	4850.0+x	(47/2 ⁺)

[†] [Additional information 2.](#)

[‡] From ¹¹⁰Pd(¹⁹F,4n γ) except for γ 's observed only in ¹²⁵Ba ε decay. I_γ for transitions from the 253-keV level are from ¹²⁵Cs IT Decay (0.90 ms).

[#] From A₂, A₄ values in ¹¹⁰Pd(¹⁹F,4n γ), ⁹⁶Zr(³⁴S,p4n γ) and ¹¹⁸Sn(¹⁰B,3n γ), unless otherwise indicated.

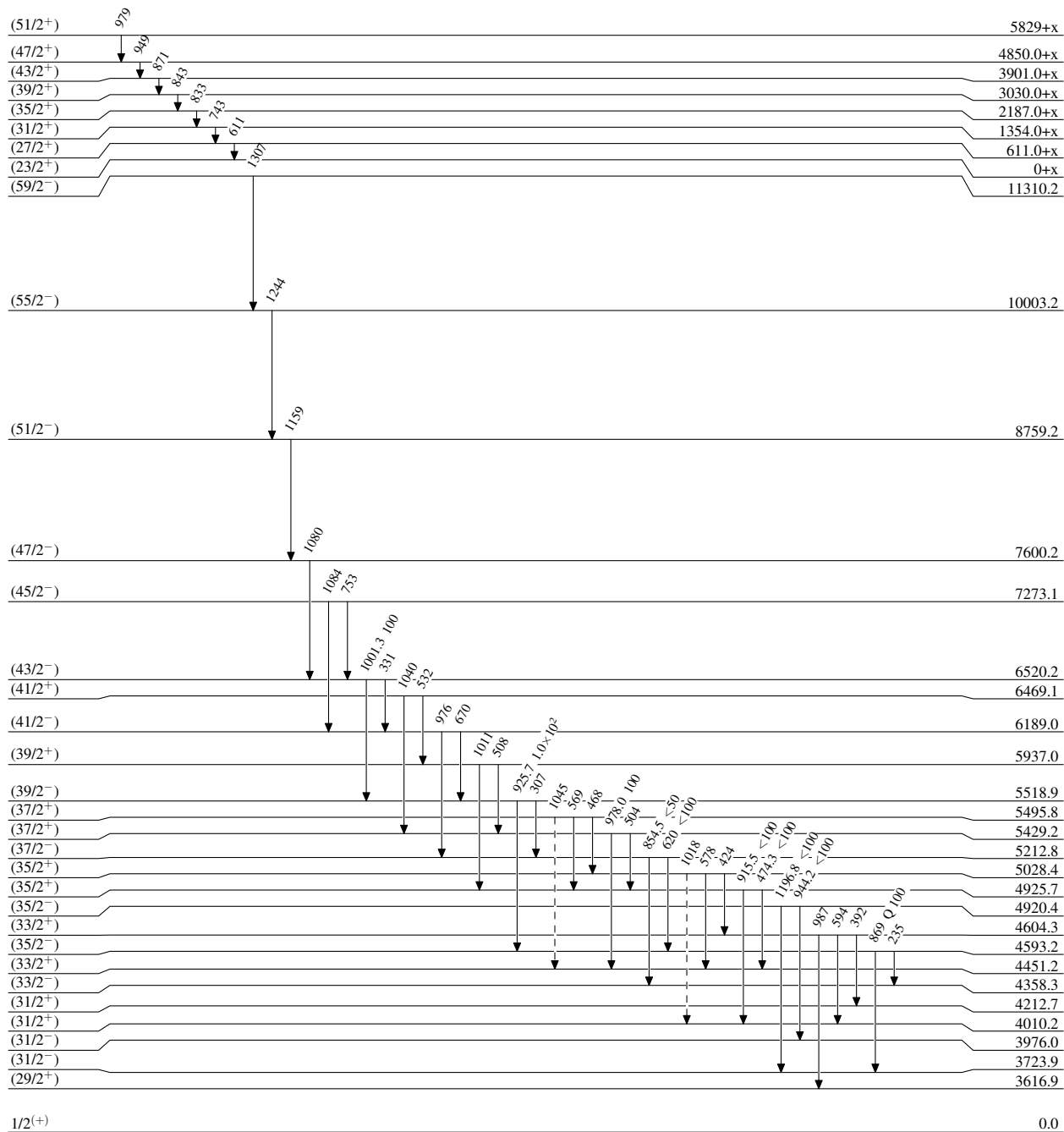
@ Placement of transition in the level scheme is uncertain.

Adopted Levels, Gammas

Legend

Level Scheme

Intensities: Relative photon branching from each level

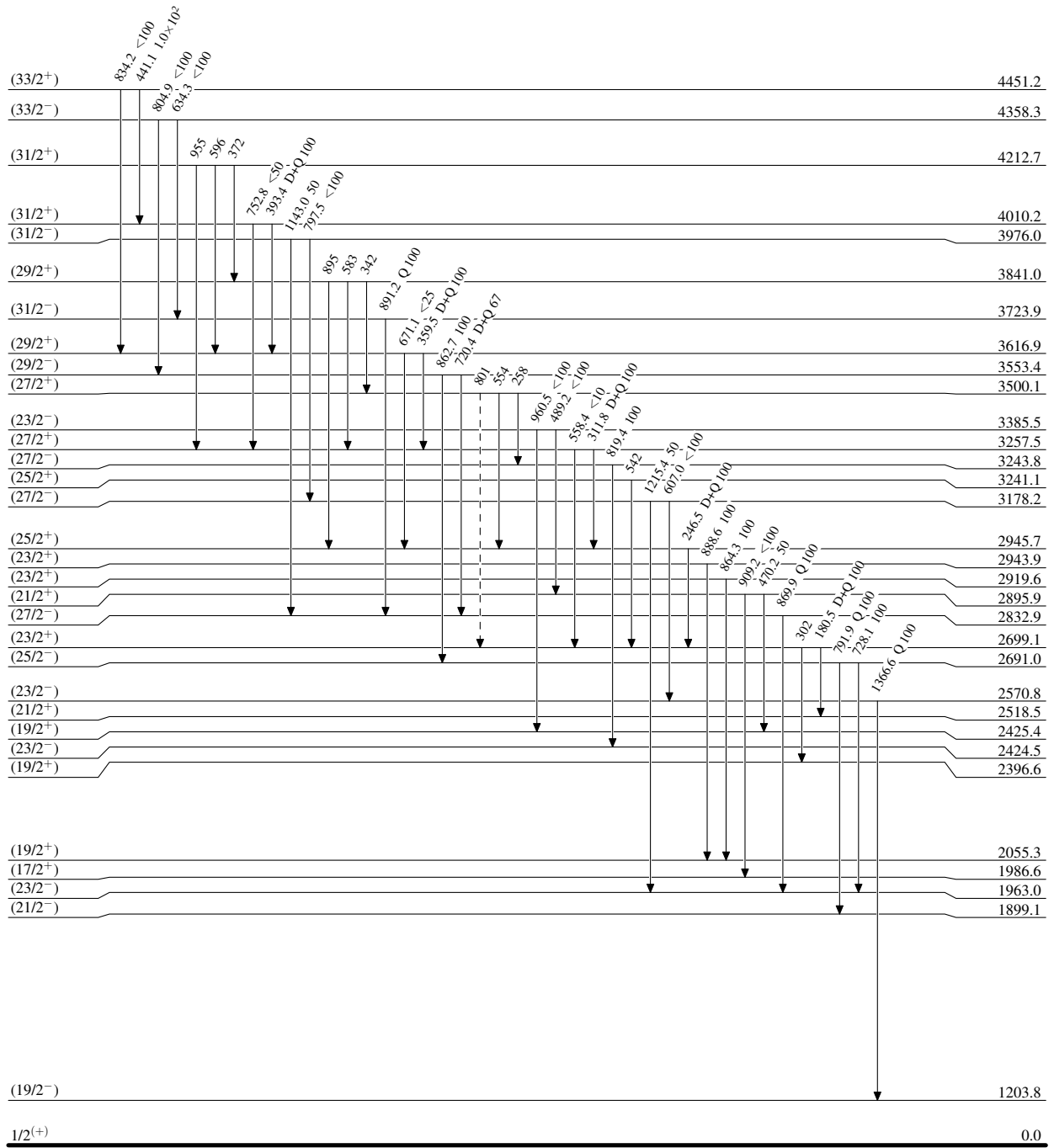
-----► γ Decay (Uncertain)


Adopted Levels, Gammas

Legend

Level Scheme (continued)

Intensities: Relative photon branching from each level

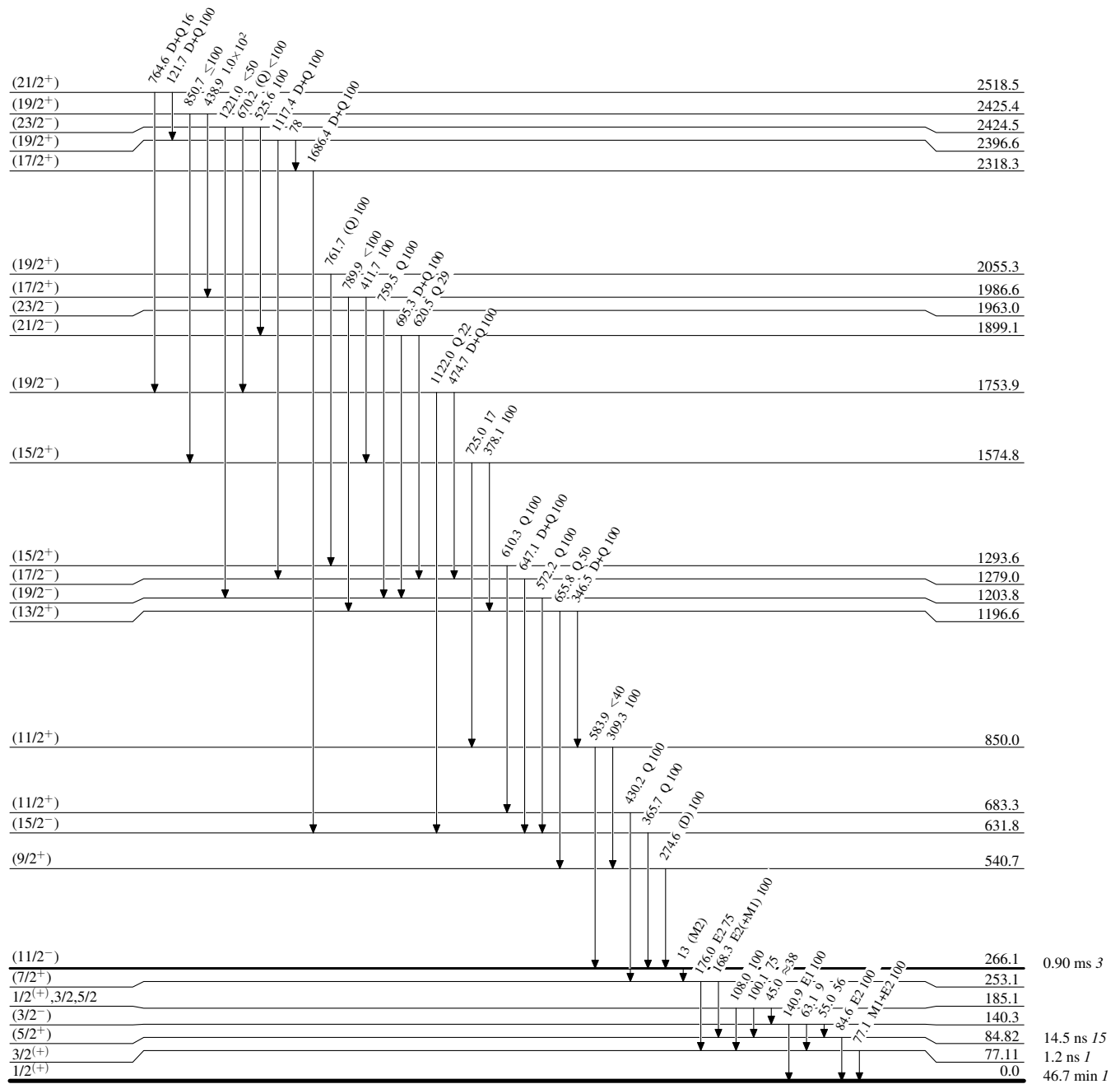
-----► γ Decay (Uncertain)

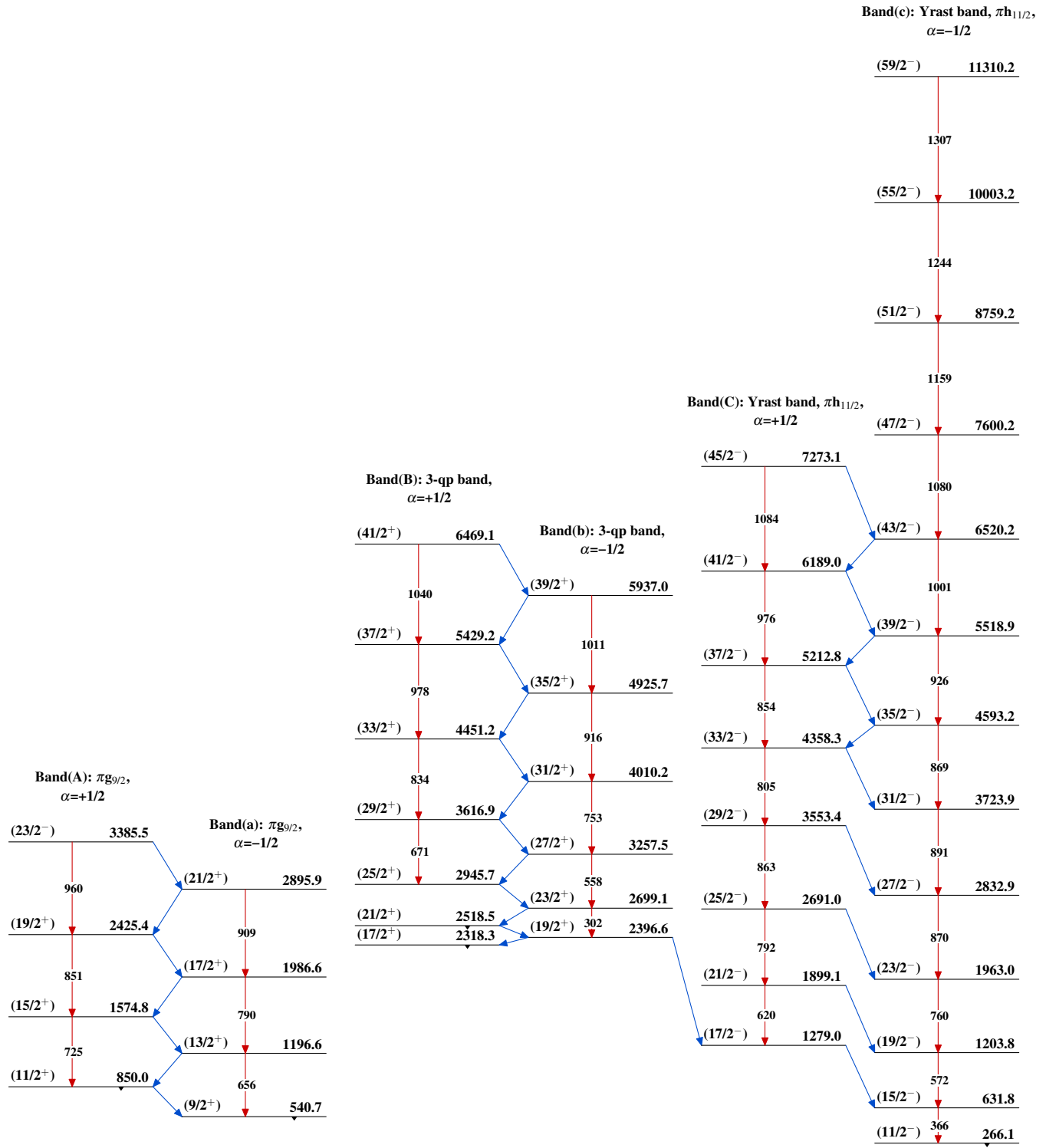
Adopted Levels, Gammas

Legend

Level Scheme (continued)

Intensities: Relative photon branching from each level

-----► γ Decay (Uncertain) $^{125}_{55}\text{Cs}_{70}$

Adopted Levels, Gammas

Adopted Levels, Gammas (continued)