

^{117}Cd β^- decay (2.49 h) 1975Ta06

Type	History		Literature Cutoff Date
	Author	Citation	
Full Evaluation	Jean Blachot	ENSDF	1-Mar-2009

Parent: ^{117}Cd : $E=0$; $J^\pi=1/2^+$; $T_{1/2}=2.49$ h 4; $Q(\beta^-)=2522$ 6; $\% \beta^-$ decay=100.0

The decay scheme is primarily from 1975Ta06. Relative intensities are from 1979G109. γ energies are from 1975Ta06, 1979G109, 1974HeYW.

Others: 1972Gr24, 1972Bu41, 1975Se10, 1970EI04, 1967Sc37, 1969Mo21, 1969Mo06, 1968Pa01, 1954Le09.

$\gamma\gamma$: extensive coincidence data are reported by 1975Ta06 and 1979G109.

ce: 1967Ba18.

$\gamma\gamma(\theta,t)$: 1973Ha61, 1972Ra27.

$\gamma\gamma(t),\beta\gamma(t)$: 1968Be58, 1968Ch08, 1967Ba18, 1966Pa07.

$\gamma\gamma(\theta,H,t)$: 1967Pa16, 1976Pi18, 1985AI05.

$\gamma\gamma(\theta)$: 1979G109, 1968Be58, 1966Pa07, 1965Ma22.

α : Additional information 1.

 ^{117}In Levels

E(level)	J^π^\dagger	$T_{1/2}$	Comments
0	9/2 ⁺	43.2 min 3	
315.302 11	1/2 ⁻	116.2 min 3	
588.652 15	3/2 ⁻	0.192 ns 16	$g=+0.068$ 39 (1985AI05)
659.763 13	3/2 ⁺	53.6 ns 7	$\mu=+0.94$ 8
			μ : from average of 0.938 10 (1967Pa16) and +0.96 8 (1976Pi18).
748.05 4	7/2 ⁺		
749.486 14	1/2 ⁺		
880.717 13	5/2 ⁺		
1028.04 3	(5/2 ⁻)		
1051.707 20	5/2 ⁺		
1376.27 6	(3/2 ⁺)		
1439.38 8	(5/2 ⁺ , 7/2, 9/2 ⁺)		
1468.67 13	5/2 ⁺ , 7/2, 9/2 ⁺		
1554.48 19	(1/2 ⁻ , 3/2 ⁻)		
1609.39 3	(3/2 ⁺ , 5/2, 7/2 ⁺)		
1612.10 4	(1/2, 3/2, 5/2)		
1712.544 25	3/2 ⁺		
1784.97 5	3/2 ⁺		
1891.928 19	1/2 ⁺		
1997.366 19	3/2 ⁺		
2022.23 3	3/2 ⁺		
2064.15 4	3/2 ⁺		E(level): doublet in 1975Ta06.
2109.84 4	(3/2 ⁺)		
2112.98 15	3/2 ⁺ , 7/2, 9/2 ⁺		
2171.74 3	3/2 ⁺		
2311.720 20	1/2 ⁺ , 3/2 ⁺		
2327.78 5	1/2 ⁺		
2345.50 5	1/2 ⁺ , 3/2 ⁺		
2455.97 10	(1/2 ⁺)		

[†] From log ft and Adopted Levels.

^{117}Cd β^- decay (2.49 h) 1975Ta06 (continued) β^- radiations

E(decay)	E(level)	$I\beta^-$ [†]	Log ft	Comments
(66 6)	2455.97	0.11 4	4.48 21	av $E\beta=17.0$ 16
(177 6)	2345.50	0.35 9	5.30 13	av $E\beta=48.0$ 18
(194 6)	2327.78	0.60 11	5.20 9	av $E\beta=53.3$ 19
(210 6)	2311.720	6.2 7	4.29 7	av $E\beta=58.1$ 19
(350 6)	2171.74	1.9 3	5.52 8	av $E\beta=102.6$ 20
(409 6)	2112.98	0.13 9	6.9 3	av $E\beta=122.4$ 21
(412 6)	2109.84	1.6 3	5.83 9	av $E\beta=123.5$ 21
(458 6)	2064.15	1.5 2	6.02 7	av $E\beta=139.3$ 22
(500 6)	2022.23	2.2 3	5.98 7	av $E\beta=154.2$ 22
(525 6)	1997.366	8.2 9	5.48 6	av $E\beta=163.1$ 22
(630 6)	1891.928	32 4	5.16 6	av $E\beta=202.0$ 23
(737 6)	1784.97	0.55 11	7.17 9	av $E\beta=242.8$ 24
(809 6)	1712.544	3.4 5	6.52 7	av $E\beta=271.2$ 24
(910 [‡] 6)	1612.10	≤ 0.3	≥ 7.8	av $E\beta=311.4$ 25
(913 6)	1609.39	0.4 3	7.6 4	av $E\beta=312.5$ 25
(968 6)	1554.48	0.11 7	8.3 3	av $E\beta=334.8$ 25
(1053 [‡] 6)	1468.67	≤ 0.07	≥ 8.6	av $E\beta=370.2$ 25
(1083 6)	1439.38	0.12 4	8.44 15	av $E\beta=382.4$ 25
(1146 6)	1376.27	0.31 6	8.12 9	av $E\beta=408.9$ 26
(1470 [‡] 6)	1051.707	≤ 0.8	≥ 8.1	av $E\beta=548.5$ 27
(1773 6)	749.486	13.2 17	7.22 6	av $E\beta=682.5$ 27
(1862 [‡] 6)	659.763	≤ 2.6	≥ 8.0	av $E\beta=722.9$ 28
(1933 6)	588.652	3.7 6	7.93 7	av $E\beta=755.0$ 28
2220 20	315.302	21 2	7.41 5	av $E\beta=879.5$ 28

[†] Absolute intensity per 100 decays.

[‡] Existence of this branch is questionable.

¹¹⁷Cd β⁻ decay (2.49 h) **1975Ta06** (continued)

γ(¹¹⁷In)

I_γ normalization: from ΣI(γ+ce)(g.s.+315)=100-Iβ(315) (**1975Ta06**).

E _γ	I _γ [‡]	E _i (level)	J _i ^π	E _f	J _f ^π	Mult.	δ	α	Comments
71.12 2	1.4 2	659.763	3/2 ⁺	588.652	3/2 ⁻	E1		0.456	α(K)=0.394 6; α(L)=0.0507 8; α(M)=0.00976 14; α(N)=0.001740 25; α(O)=0.0001070 15 α(N+..)=0.00185 3 B(E1)(W.u.)=3.1×10 ⁻⁷ 5 Other: α(K)exp=0.32 10 (1969Mo21) relative to α(K)(89γ)=1.6. α(K)exp=1.3 3 α(K)=1.603 24; α(L)=0.515 8; α(M)=0.1038 16; α(N)=0.0178 3; α(O)=0.000610 9 α(N+..)=0.0184 3 B(E2)(W.u.)=93 8; B(M1)(W.u.)=2.0×10 ⁻⁵ 6 δ: from internal conversion data and γγ(θ). α(K)exp: from K x ray/I _γ (1968Pa01), other: 1.6 6 (1967Ba18). α: K:L:M+N=100 15:33 1:14 4 (1967Ba18).
89.73 1	11.7 7	749.486	1/2 ⁺	659.763	3/2 ⁺	E2+M1	-7 1	2.24	
105.40 15	0.08 4	1997.366	3/2 ⁺	1891.928	1/2 ⁺				
131.4 [‡] 2	0.04 2	880.717	5/2 ⁺	749.486	1/2 ⁺				
132.7 [‡] 1	0.08 4	880.717	5/2 ⁺	748.05	7/2 ⁺				
160.8 3	0.9 4	749.486	1/2 ⁺	588.652	3/2 ⁻	(E1)		0.0452	α(K)exp<0.11 (1967Ba18) α(K)=0.0393 6; α(L)=0.00481 8; α(M)=0.000927 14; α(N)=0.000168 3; α(O)=1.137×10 ⁻⁵ 17 α(N+..)=0.000179 3 B(E1)(W.u.)=1.7×10 ⁻⁷ 8 Other: α(K)exp(160γ)=2.2 15 (1969Mo21) relative to α(K)(89γ)=1.6.
171.05 7	0.09 4	1051.707	5/2 ⁺	880.717	5/2 ⁺				
172.2 [‡] 1	0.03 2	2064.15	3/2 ⁺	1891.928	1/2 ⁺				
179.35 8	0.35 10	1891.928	1/2 ⁺	1712.544	3/2 ⁺				
220.92 3	4.2 3	880.717	5/2 ⁺	659.763	3/2 ⁺				
221.0 [‡] 4	0.2 2	2112.98	3/2 ⁺ , 7/2, 9/2 ⁺	1891.928	1/2 ⁺				
273.349 18	100	588.652	3/2 ⁻	315.302	1/2 ⁻	M1+E2		0.040 7	α(K)exp=0.035 6 α(K)=0.034 5; α(L)=0.0048 13; α(M)=0.00093 25; α(N)=0.00017 5; α(O)=1.09×10 ⁻⁵ 15 α(N+..)=0.00018 5 E _γ : 273.36 2 (1979G109), 273.28 6 (1975Ta06), 273.33 5 (1974HeYW). δ: -0.10 2 or -1.40 4 (1979G109) from γγ(θ).
279.8 1	0.4 2	2171.74	3/2 ⁺	1891.928	1/2 ⁺				
284.79 7	0.30 8	1997.366	3/2 ⁺	1712.544	3/2 ⁺				
292.05 3	2.3 3	880.717	5/2 ⁺	588.652	3/2 ⁻				

¹¹⁷Cd β⁻ decay (2.49 h) **1975Ta06** (continued)

γ(¹¹⁷In) (continued)

E _γ	I _γ [‡]	E _i (level)	J _i ^π	E _f	J _f ^π	Mult.	α	Comments
310.0 [#] 5	0.25	2022.23	3/2 ⁺	1712.544	3/2 ⁺			
314.4 [†] 4	0.3 2	2311.720	1/2 ⁺ ,3/2 ⁺	1997.366	3/2 ⁺			
315.302 13		315.302	1/2 ⁻	0	9/2 ⁺	M4	1.445	α(K)exp=1.17 α(K)=1.135 16; α(L)=0.249 4; α(M)=0.0510 8; α(N)=0.00917 13; α(O)=0.000531 8 α(N+..)=0.00970 14 B(M4)(W.u.)=29.5 3
344.459 10	64.1 13	659.763	3/2 ⁺	315.302	1/2 ⁻	E1	0.00567 8	α: K:L:M+N=100:21.2 17:6.0 6 (1967Ba18). α(K)exp=0.0059 12 (1967Ba18) α(K)=0.00494 7; α(L)=0.000592 9; α(M)=0.0001142 16; α(N)=2.08×10 ⁻⁵ 3 α(O)=1.486×10 ⁻⁶ 21; α(N+..)=2.23×10 ⁻⁵ 4 B(E1)(W.u.)=1.24×10 ⁻⁷ 4
^x 385.5 [#] 4	0.13							
387.96 4	1.1 2	1997.366	3/2 ⁺	1609.39	(3/2 ⁺ ,5/2,7/2 ⁺)			
397.2 [†] 1	0.7 2	2109.84	(3/2 ⁺)	1712.544	3/2 ⁺			
416.9 [†] 2	0.06 6	1468.67	5/2 ⁺ ,7/2,9/2 ⁺	1051.707	5/2 ⁺			
419.79 4	0.66 13	2311.720	1/2 ⁺ ,3/2 ⁺	1891.928	1/2 ⁺			
434.190 17	35.1 13	749.486	1/2 ⁺	315.302	1/2 ⁻	E1	0.00317 5	α(K)exp=0.003 2 (1967Ba18) α(K)=0.00276 4; α(L)=0.000329 5; α(M)=6.34×10 ⁻⁵ 9; α(N)=1.158×10 ⁻⁵ 17; α(O)=8.36×10 ⁻⁷ 12 α(N+..)=1.241×10 ⁻⁵ 18 B(E1)(W.u.)=3.45×10 ⁻⁷ 21
439.39 7	0.4 2	1028.04	(5/2 ⁻)	588.652	3/2 ⁻			
453.8 [†] 3	0.13 7	2345.50	1/2 ⁺ ,3/2 ⁺	1891.928	1/2 ⁺			
463.04 3	2.7 2	1051.707	5/2 ⁺	588.652	3/2 ⁻			
497.77 10	0.4 2	2109.84	(3/2 ⁺)	1612.10	(1/2,3/2,5/2)			
500.6 [†] 2	0.05 5	2109.84	(3/2 ⁺)	1609.39	(3/2 ⁺ ,5/2,7/2 ⁺)			
526.6 [†] 5	0.1 1	1554.48	(1/2 ⁻ ,3/2 ⁻)	1028.04	(5/2 ⁻)			
527.0 [†] 5	0.5 2	2311.720	1/2 ⁺ ,3/2 ⁺	1784.97	3/2 ⁺			
^x 597.6 [#] 3	0.05 5							
627.01 11	0.41 11	1376.27	(3/2 ⁺)	749.486	1/2 ⁺			
644.5 [†] 2	0.06 6	2112.98	3/2 ⁺ ,7/2,9/2 ⁺	1468.67	5/2 ⁺ ,7/2,9/2 ⁺			
660.83 [†] 8	0.40 11	1712.544	3/2 ⁺	1051.707	5/2 ⁺			
688.0 [†] 3	0.04 4	2064.15	3/2 ⁺	1376.27	(3/2 ⁺)			
699.58 8	0.86 13	2311.720	1/2 ⁺ ,3/2 ⁺	1612.10	(1/2,3/2,5/2)			
712.71 5	2.0 6	1028.04	(5/2 ⁻)	315.302	1/2 ⁻			
716.43 7	0.72 13	1376.27	(3/2 ⁺)	659.763	3/2 ⁺			
728.64 7	0.86 13	1609.39	(3/2 ⁺ ,5/2,7/2 ⁺)	880.717	5/2 ⁺			
736.14 8	0.22 12	2345.50	1/2 ⁺ ,3/2 ⁺	1609.39	(3/2 ⁺ ,5/2,7/2 ⁺)			

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¹¹⁷Cd β⁻ decay (2.49 h) **1975Ta06** (continued)

γ(¹¹⁷In) (continued)

E _γ	I _γ [†]	E _i (level)	J _i ^π	E _f	J _f ^π	Comments
748.05 [†] 4	2.0 7	748.05	7/2 ⁺	0	9/2 ⁺	
^x 757.6 2	0.10 7					
787.4 [#] 5	0.2	1376.27	(3/2) ⁺	588.652	3/2 ⁻	
831.80 3	8.1 3	1712.544	3/2 ⁺	880.717	5/2 ⁺	δ: +0.14 9 or +2.4 +9-6 (1979GI09).
840.21 4	2.9 2	1891.928	1/2 ⁺	1051.707	5/2 ⁺	
850.72 [†] 8	0.43 13	1439.38	(5/2 ⁺ ,7/2,9/2 ⁺)	588.652	3/2 ⁻	
861.3 [†] 4	1.0 7	1609.39	(3/2 ⁺ ,5/2,7/2 ⁺)	748.05	7/2 ⁺	
862.60 5	2.2 2	1612.10	(1/2,3/2,5/2)	749.486	1/2 ⁺	
880.710 17	14.2 7	880.717	5/2 ⁺	0	9/2 ⁺	
945.67 3	5.5 3	1997.366	3/2 ⁺	1051.707	5/2 ⁺	
949.63 8	0.79 13	1609.39	(3/2 ⁺ ,5/2,7/2 ⁺)	659.763	3/2 ⁺	
952.33 8	0.49 12	1612.10	(1/2,3/2,5/2)	659.763	3/2 ⁺	
963.11 6	2.2 2	1712.544	3/2 ⁺	749.486	1/2 ⁺	
965.8 [†] 2	0.3 2	1554.48	(1/2 ⁻ ,3/2 ⁻)	588.652	3/2 ⁻	
969.30 5	1.6 2	1997.366	3/2 ⁺	1028.04	(5/2 ⁻)	
970.4 [†] 3	0.2 2	2022.23	3/2 ⁺	1051.707	5/2 ⁺	
^x 975.5 [#] 5	0.26					
994.3 [†] 4	0.06 6	2022.23	3/2 ⁺	1028.04	(5/2 ⁻)	
1012.3 3	0.3 2	2064.15	3/2 ⁺	1051.707	5/2 ⁺	
1035.61 7	0.86 13	1784.97	3/2 ⁺	749.486	1/2 ⁺	E _γ : placement from 1979GI09. Assigned to 2063.6 level by 1975Ta06.
1036.0 4	0.06 6	2064.15	3/2 ⁺	1028.04	(5/2 ⁻)	
1051.7 1	13.6 7	1051.707	5/2 ⁺	0	9/2 ⁺	
1052.7 1	2.6 6	1712.544	3/2 ⁺	659.763	3/2 ⁺	
1061.1 [†] 2	0.2 2	2112.98	3/2 ⁺ ,7/2,9/2 ⁺	1051.707	5/2 ⁺	
1116.60 5	3.7 2	1997.366	3/2 ⁺	880.717	5/2 ⁺	δ: +0.1 +3-2 or +2 +2-1 (1979GI09).
1120.05 7	0.86 13	2171.74	3/2 ⁺	1051.707	5/2 ⁺	
1125.10 6	1.6 2	1784.97	3/2 ⁺	659.763	3/2 ⁺	
1142.43 3	6.0 4	1891.928	1/2 ⁺	749.486	1/2 ⁺	
1143.5 [†] 3	0.5 2	2171.74	3/2 ⁺	1028.04	(5/2 ⁻)	
1183.4 1	0.47 12	2064.15	3/2 ⁺	880.717	5/2 ⁺	
1229.11 7	2.2 2	2109.84	(3/2 ⁺)	880.717	5/2 ⁺	δ: -0.2 2 or ≈10 (1979GI09).
1232.3 [†] 2	1.0 2	1891.928	1/2 ⁺	659.763	3/2 ⁺	
1247.89 4	4.3 2	1997.366	3/2 ⁺	749.486	1/2 ⁺	
1249.3 [†] 4	0.1 1	1997.366	3/2 ⁺	748.05	7/2 ⁺	
1260.00 3	4.1 2	2311.720	1/2 ⁺ ,3/2 ⁺	1051.707	5/2 ⁺	
1272.73 3	2.6 2	2022.23	3/2 ⁺	749.486	1/2 ⁺	
1276.0 [†] 1	0.09 4	2327.78	1/2 ⁺	1051.707	5/2 ⁺	
1291.00 4	2.4 2	2171.74	3/2 ⁺	880.717	5/2 ⁺	δ: +0.1 +2-8 or +2.7 +25-12 (1979GI09).
1303.27 3	65.8 13	1891.928	1/2 ⁺	588.652	3/2 ⁻	
1314.71 6	2.1 2	2064.15	3/2 ⁺	749.486	1/2 ⁺	

$^{117}\text{Cd } \beta^- \text{ decay (2.49 h)}$ [1975Ta06](#) (continued)

$\gamma(^{117}\text{In})$ (continued)

E_γ	I_γ^\ddagger	$E_i(\text{level})$	J_i^π	E_f	J_f^π	Comments
1316.0 [†] 4	0.1 1	2064.15	3/2 ⁺	748.05	7/2 ⁺	
1317.5 [†] 4	0.06 6	2345.50	1/2 ⁺ , 3/2 ⁺	1028.04	(5/2 ⁻)	
1337.57 7	5.8 4	1997.366	3/2 ⁺	659.763	3/2 ⁺	
1362.40 8	0.86 13	2022.23	3/2 ⁺	659.763	3/2 ⁺	
1404.4 1	0.43 11	2064.15	3/2 ⁺	659.763	3/2 ⁺	
1408.72 3	4.6 2	1997.366	3/2 ⁺	588.652	3/2 ⁻	
1422.27 6	1.2 2	2171.74	3/2 ⁺	749.486	1/2 ⁺	
1430.97 5	≈2	2311.720	1/2 ⁺ , 3/2 ⁺	880.717	5/2 ⁺	δ : +0.1 +2-7 or +2.7 +25-12 (1979GI09). I_γ : 1.0 in 1975Ta06 , 3.5 2 in 1979GI09 .
1433.5 [†] 2	0.4 3	2022.23	3/2 ⁺	588.652	3/2 ⁻	
1450.15 7	2.2 2	2109.84	(3/2 ⁺)	659.763	3/2 ⁺	
1468.9 [†] 2	0.14 4	1468.67	5/2 ⁺ , 7/2, 9/2 ⁺	0	9/2 ⁺	
1475.46 7	1.5 2	2064.15	3/2 ⁺	588.652	3/2 ⁻	
1511.9 2	0.24 12	2171.74	3/2 ⁺	659.763	3/2 ⁺	
1521.00 12	0.32 11	2109.84	(3/2 ⁺)	588.652	3/2 ⁻	
1562.24 4	5.1 2	2311.720	1/2 ⁺ , 3/2 ⁺	749.486	1/2 ⁺	
1563.6 [†] 4	0.3 2	2311.720	1/2 ⁺ , 3/2 ⁺	748.05	7/2 ⁺	
1576.62 3	40.1 8	1891.928	1/2 ⁺	315.302	1/2 ⁻	E_γ : 1576.80 9 (1975Ta06), 1576.59 3 (1979GI09), 1576.65 4 (1974HeYW).
1578.4 [†] 3	0.5 2	2327.78	1/2 ⁺	749.486	1/2 ⁺	
1583.1 [†] 1	0.19 9	2171.74	3/2 ⁺	588.652	3/2 ⁻	
1596.0 [†] 4	0.1 1	2345.50	1/2 ⁺ , 3/2 ⁺	749.486	1/2 ⁺	
1597.3 [†] 4	0.2 2	2345.50	1/2 ⁺ , 3/2 ⁺	748.05	7/2 ⁺	
1652.1 2	1.0 4	2311.720	1/2 ⁺ , 3/2 ⁺	659.763	3/2 ⁺	
1682.07 5	2.5 2	1997.366	3/2 ⁺	315.302	1/2 ⁻	
1685.8 [†] 3	0.14 6	2345.50	1/2 ⁺ , 3/2 ⁺	659.763	3/2 ⁺	
1706.93 4	3.6 2	2022.23	3/2 ⁺	315.302	1/2 ⁻	
1723.06 3	7.2 3	2311.720	1/2 ⁺ , 3/2 ⁺	588.652	3/2 ⁻	
1739.13 9	0.45 12	2327.78	1/2 ⁺	588.652	3/2 ⁻	
1748.7 2	0.30 12	2064.15	3/2 ⁺	315.302	1/2 ⁻	
1756.8 [†] 2	0.16 8	2345.50	1/2 ⁺ , 3/2 ⁺	588.652	3/2 ⁻	
1856.4 1	0.9 2	2171.74	3/2 ⁺	315.302	1/2 ⁻	
1867.3 [†] 1	0.38 11	2455.97	(1/2) ⁺	588.652	3/2 ⁻	
2012.49 8	0.39 8	2327.78	1/2 ⁺	315.302	1/2 ⁻	
2030.14 8	0.23 7	2345.50	1/2 ⁺ , 3/2 ⁺	315.302	1/2 ⁻	

[†] From [1979GI09](#) only.

[‡] For absolute intensity per 100 decays, multiply by 0.279 7.

Placement of transition in the level scheme is uncertain.

^x γ ray not placed in level scheme.

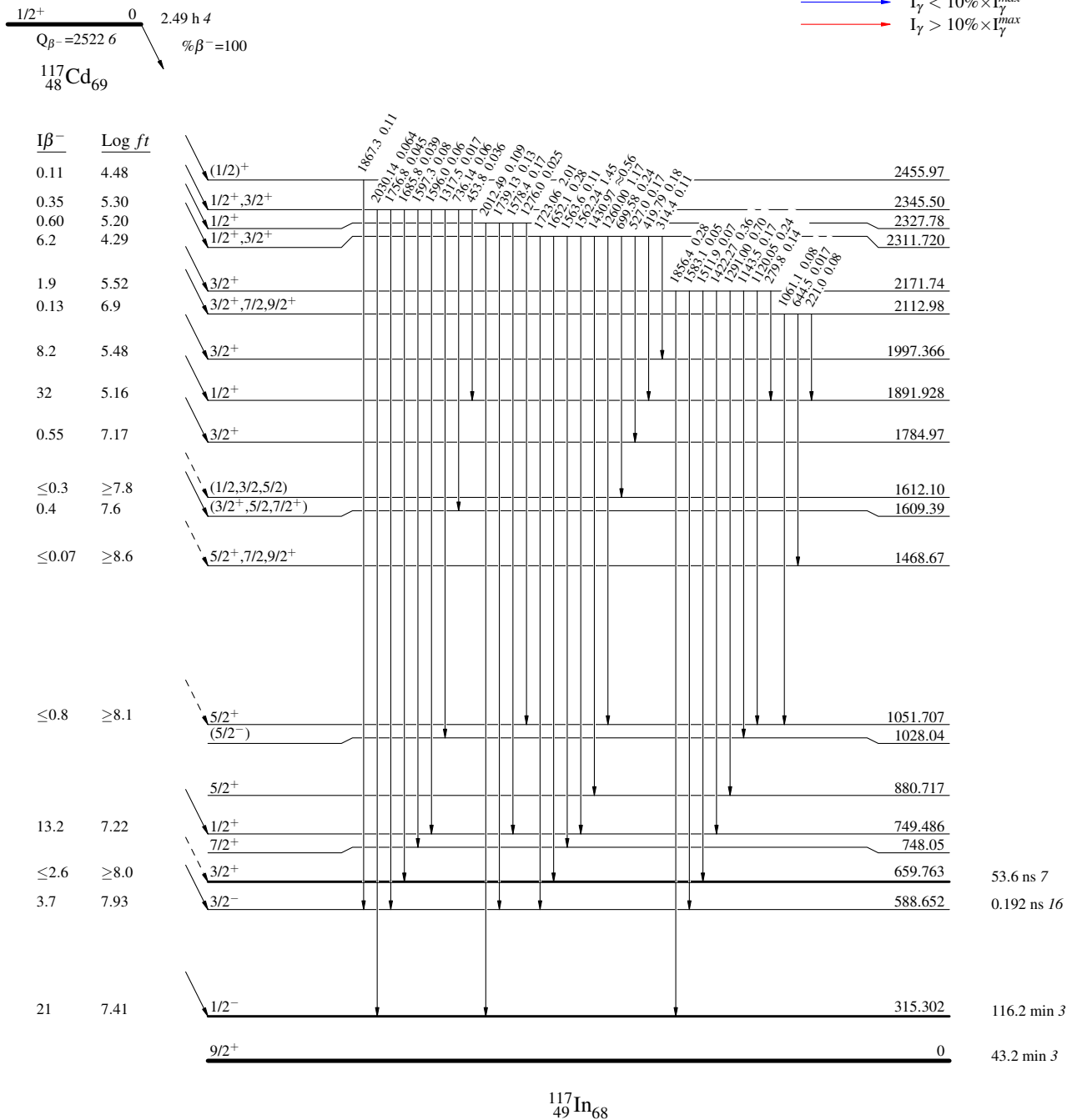
^{117}Cd β^- decay (2.49 h) $^{1975}\text{Ta06}$

Decay Scheme

Intensities: $I_{(\gamma+ce)}$ per 100 parent decays

Legend

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



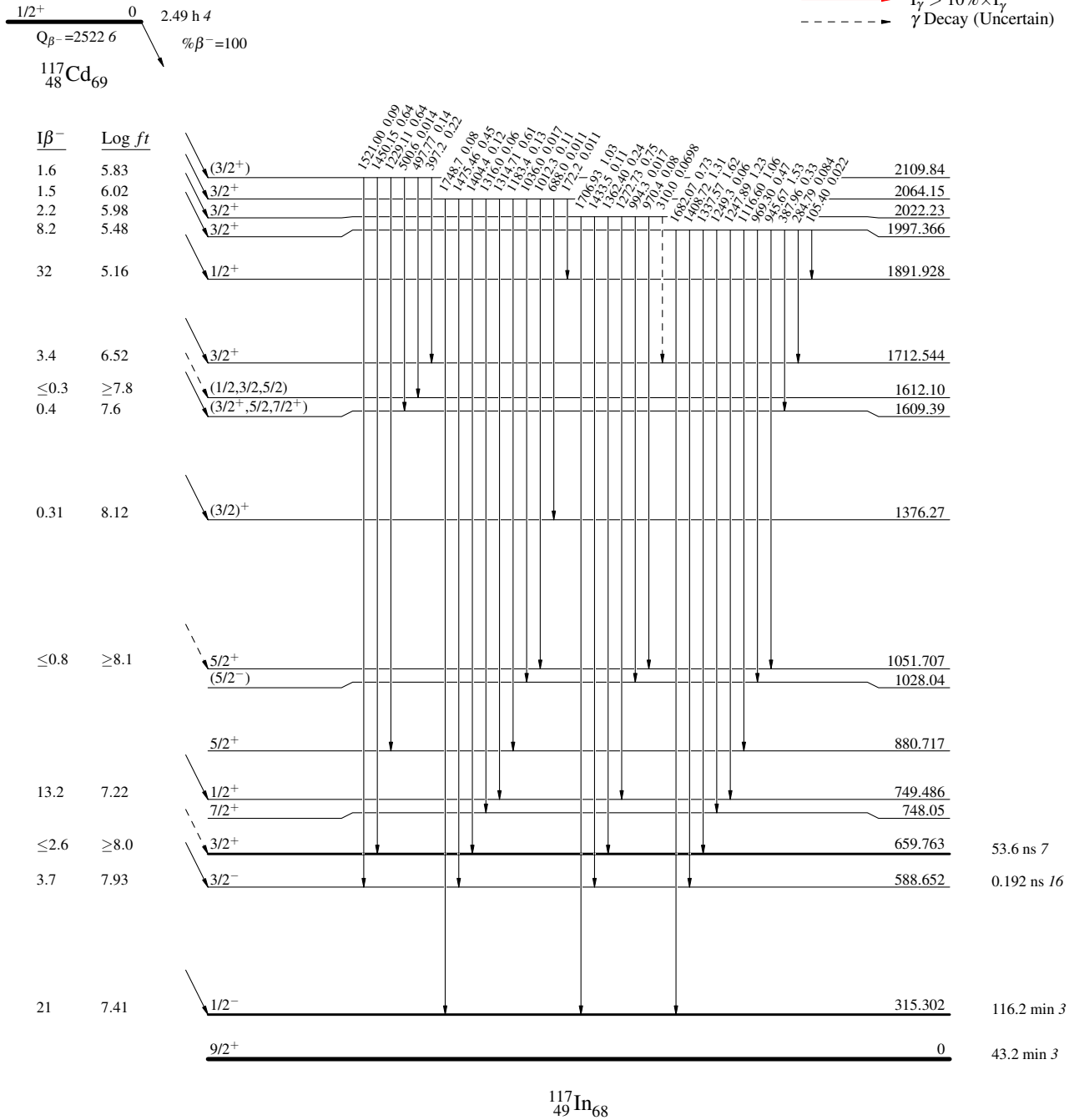
$^{117}\text{Cd} \beta^-$ decay (2.49 h) $^{1975}\text{Ta06}$

Decay Scheme (continued)

Intensities: $I_{(\gamma+ce)}$ per 100 parent decays

Legend

- $I_{\gamma} < 2\% \times I_{\gamma}^{\max}$
- $I_{\gamma} < 10\% \times I_{\gamma}^{\max}$
- $I_{\gamma} > 10\% \times I_{\gamma}^{\max}$
- - - - - γ Decay (Uncertain)



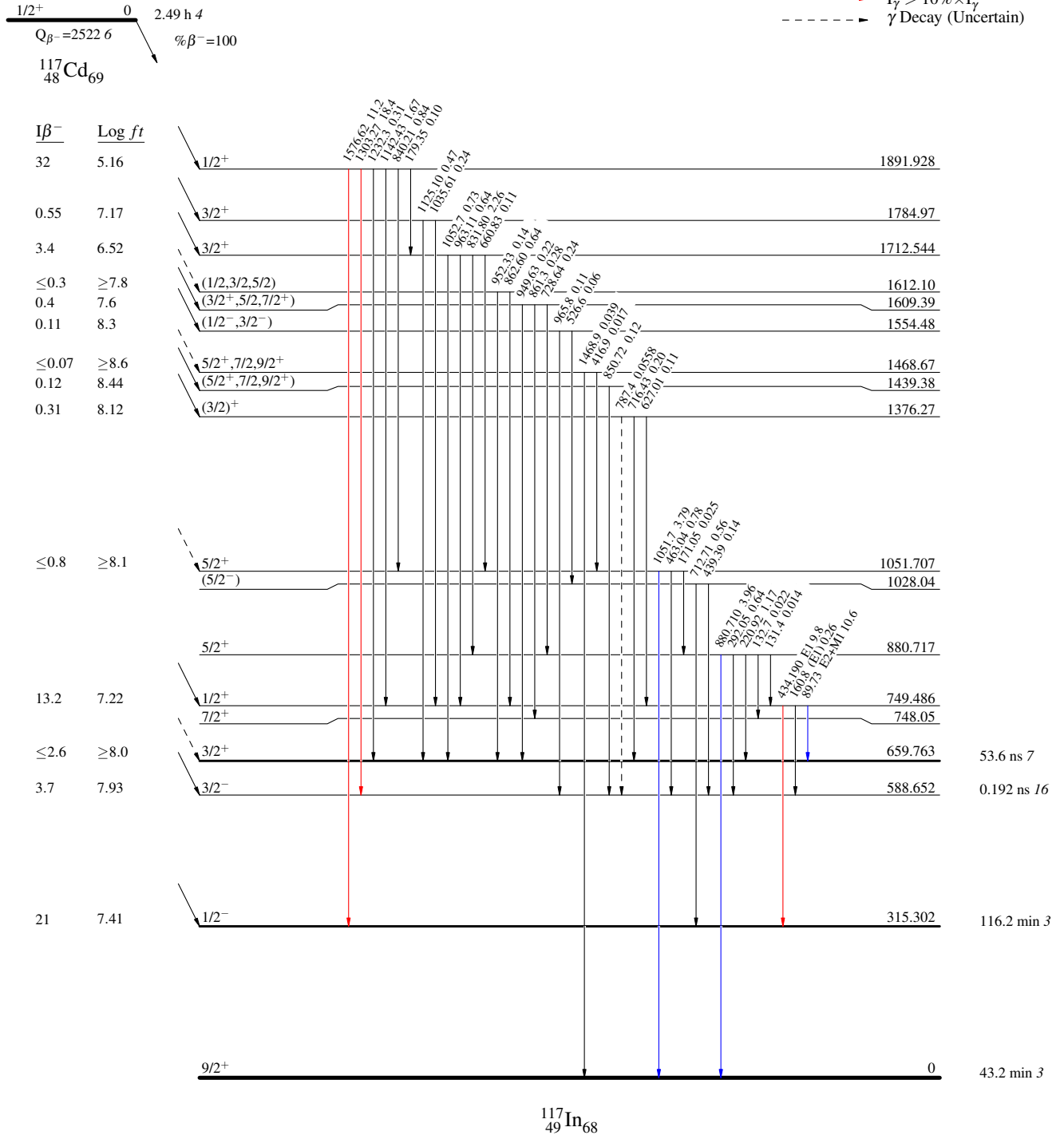
$^{117}\text{Cd} \beta^-$ decay (2.49 h) $^{1975}\text{Ta06}$

Decay Scheme (continued)

Intensities: $I_{(\gamma+ce)}$ per 100 parent decays

Legend

- $I_{\gamma} < 2\% \times I_{\gamma}^{\max}$
- $I_{\gamma} < 10\% \times I_{\gamma}^{\max}$
- $I_{\gamma} > 10\% \times I_{\gamma}^{\max}$
- - - γ Decay (Uncertain)



$^{117}\text{Cd} \beta^-$ decay (2.49 h) 1975Ta06

Decay Scheme (continued)

Intensities: $I_{(\gamma+ce)}$ per 100 parent decays

Legend

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

