^{115}Ag β^- decay (20.0 min) 1978Ma18

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 113, 2391 (2012)	1-Sep-2012

Parent: ^{115}Ag: E=0.0; J$^\pi$=1/2$^-$; $T_{1/2}$=20.0 min *5*; Q(β^-)=3100 *30*; %β^- decay=100.0
Others: 1958Al90, 1964Ba36, 1970Hn01.
1978Ma18: γ, $\gamma\gamma$, $\beta\gamma$, (β)(ce), Eβ, F-K $\beta\gamma$; scin-scin, scin-semi.
Measured $\beta\gamma$ (1980Oh01) deduced $T_{1/2}$.
1981Me17: measured γ-singles.
Measured Eβ: 1964Ba36.

^{115}Cd Levels

E(level)	J$^\pi$†	$T_{1/2}$†	Comments
0.0	1/2$^+$	53.46 h *5*	
181.01‡ *23*	(11/2)$^-$	44.56 d *24*	E(level): deduced from cascade and crossover γ rays originating from higher lying π=− states. 719.9=472.7+247=326.1+236.1+181.0. Yield of 44.6-d isomer via 20 min ^{115}Ag decay=5.7% 7 from level scheme. Others: 10.7% (1970Hn01), 8.5% (1968Kj01), 8% (1955Hi66), 9% (1952Wa06).
229.04 *8*	(3/2)$^+$		
360.53 *11*	(5/2)$^+$		
393.81‡ *21*	(7/2)$^-$	0.75 ns *3*	$T_{1/2}$: from $\beta\gamma$-coin (1980Oh01).
417.1‡ *3*	(9/2$^-$)		
472.7 *1*	3/2$^+$,5/2$^+$		
473.9 *3*	($^+$)		
507.27 *19*	3/2$^+$,5/2$^+$		
649.12 *9*	1/2$^+$		
719.9‡ *2*	(5/2$^-$)		
749.44 *23*	3/2$^+$,5/2$^+$		
776.69 *14*	3/2$^+$,5/2$^+$		
962.68 *17*	1/2$^+$		
1091.99‡ *20*	(3/2$^-$)		
1126.2 *3*			
1224.6 *3*			
1317.20 *24*	3/2$^+$,5/2$^+$		
1358.3 *4*	3/2$^+$,5/2$^+$		
1485.55 *23*			
1742.0 *6*			
2077.6 *8*			
2113.29 *16*	(1/2$^+$,3/2)		
2156.00 *13*	(3/2)$^-$		
2183.9 *4*			
2314.45 *19*	3/2$^-$		
2383.46 *20*	3/2		
2486.56 *19*	(1/2$^-$,3/2)		
2494.1 *3*			
2526.9 *3*			
2569.1 *3*			
2635.9? *5*			
2659.4 *3*			
2680.35 *25*			
2713.9? *5*			
2906.3 *3*	1/2$^-$,3/2$^-$		

† From Adopted Levels, except as noted.

Continued on next page (footnotes at end of table)

^{115}Ag β^- decay (20.0 min) 1978Ma18 (continued)

^{115}Cd Levels (continued)

‡ Low-lying π=− states of ^{113}Cd, ^{115}Cd, ^{117}Cd occur regularly; see 1978Ma18 for empirical trends, and B(E2)-branching ratios from J(initial)=3/2 and 5/2 to J(final)=5/2,7/2,9/2.

β^- radiations

E(decay)	E(level)	Iβ⁻†	Log *ft*	Comments
(1.9×10² *3*)	2906.3	0.05	5.4	av Eβ=53 *9*
(4.2×10² *3*)	2680.35	0.1	6.2	av Eβ=126 *11*
(4.4×10² *3*)	2659.4	0.1	6.2	av Eβ=133 *11*
(5.3×10² *3*)	2569.1	0.15	6.3	av Eβ=166 *11*
(5.7×10² *3*)	2526.9	0.1	6.6	av Eβ=181 *12*
(6.1×10² *3*)	2494.1	0.15	6.5	av Eβ=193 *12*
(6.1×10² *3*)	2486.56	0.5	6.0	av Eβ=196 *12*
(7.2×10² *3*)	2383.46	0.7	6.1	av Eβ=235 *12* E(decay): 721 *100* (1978Ma18) β(2383γ).
(7.9×10² *3*)	2314.45	2.3	5.8	av Eβ=262 *12*
(9.2×10² *3*)	2183.9	0.3	6.9	av Eβ=314 *13*
(9.4×10² *3*)	2156.00	7.4 *4*	5.54 *6*	av Eβ=326 *13* E(decay): 1978Ma18: 948 *100* β(1379γ), 875 *100* β(1507γ), 936 *100* β(1927γ); 1964Ba36: 1000 *100* β(1927γ,2156γ).
(9.9×10² *3*)	2113.29	3.2 *2*	5.97 *6*	av Eβ=343 *13* E(decay): 1093 *100* (1978Ma18) β(1641γ), 1000 *100* (1964Ba36) β(1464γ).
(1.02×10³ *3*)	2077.6	0.1	7.5	av Eβ=358 *13*
(1.36×10³ *3*)	1742.0	0.1	8.0	av Eβ=501 *13*
(1.74×10³ *3*)	1358.3	0.2	8.1	av Eβ=670 *14*
(1.78×10³ *3*)	1317.20	0.2	8.2	av Eβ=688 *14*
(1.88×10³ *3*)	1224.6	0.2	8.2	av Eβ=730 *14*
(1.97×10³ *3*)	1126.2	0.2	8.3	av Eβ=775 *14*
(2.01×10³ *3*)	1091.99	4.5 *5*	7.02 *6*	av Eβ=790 *14* E(decay): 1978Ma18: 2030 *100* β(373γ), 1943 *100* β(698γ).
(2.14×10³ *3*)	962.68	0.3	8.3	av Eβ=849 *14*
(2.32×10³ *3*)	776.69	0.4	8.3	av Eβ=935 *14*
(2.35×10³ *3*)	749.44	0.3	9.7¹ᵘ	av Eβ=946 *14*
(2.45×10³ *3*)	649.12	1.2 *5*	7.95 *19*	av Eβ=994 *14* E(decay): 2450 *100* (1964Ba36) β(649γ).
(2.59×10³ *3*)	507.27	0.4	8.5	av Eβ=1059 *14*
(2.63×10³ *3*)	472.7	1.1 *6*	8.11 *24*	av Eβ=1075 *14* E(decay): 2700 *100* (1964Ba36) β(472γ).
(2.74×10³ *3*)	360.53	2.3 *10*	9.18¹ᵘ *20*	av Eβ=1122 *14*
(2.87×10³ *3*)	229.04	12.5 *15*	7.22 *6*	av Eβ=1189 *14* E(decay): 2950 *100* (1964Ba36) β(229γ).
(3.10×10³ *3*)	0.0	60 *15*	6.67 *11*	av Eβ=1296 *14* E(decay): 3200 *100* (1964Ba36) scin, F-K analysis. Other: 1958Al90. Iβ⁻: 60% 15 (1978Ma18) from Iβ(total)/Iβ(229 level) compared with ^{198}Au Iβ(total)/Iβ(412 level). Others: 32% (1970Hn01), 19% (1964Ba36).

† Absolute intensity per 100 decays.

γ(^{115}Cd)

Iγ normalization: for I(β^-)=60% 15 to g.s. and Σ I(γ+ce)=5.7% to 44.6-d isomeric state, Σ I(γ+ce)=34% 15 to g.s..

E_γ †	I_γ †‡	E_i(level)	J_i^π	E_f	J_f^π	Mult.	δ	α #	Comments
113.2 *3*	0.37 *7*	473.9	($^+$)	360.53	(5/2)$^+$	[M1]		0.327 *6*	α(K)=0.283 *5*; α(L)=0.0354 *6*; α(M)=0.00681 *11*; α(N+..)=0.001282 *21* α(N)=0.001213 *20*; α(O)=6.92×10^{-5} *11*
131.6 *2*	16 *4*	360.53	(5/2)$^+$	229.04	(3/2)$^+$	M1		0.215	α(K)=0.186 *3*; α(L)=0.0232 *4*; α(M)=0.00447 *7*; α(N+..)=0.000841 *13* α(N)=0.000795 *12*; α(O)=4.55×10^{-5} *7* E_γ: others: 131.39 *6* (1969WiZX), 131.4 *2* (1970Hn01). I_γ: 23 *3* (1981Me17). Mult.: from α(K)exp=0.16 *5*. I_γ: 24 *3* (1981Me17).
212.8 *1*	24.7 *26*	393.81	(7/2)$^-$	181.01	(11/2)$^-$	E2		0.1038	α(K)=0.0863 *13*; α(L)=0.01421 *20*; α(M)=0.00277 *4*; α(N+..)=0.000494 *7* α(N)=0.000476 *7*; α(O)=1.80×10^{-5} *3* E_γ: others: 213.5 *2* (1970Hn01), 213.3 (1973BrXC). I_γ: 25.7 *20* (1981Me17). Mult.: from α(K)exp=0.071 *15*. I_γ: 25.7 *20* (1981Me17).
229.1 *1*	100	229.04	(3/2)$^+$	0.0	1/2$^+$	M1+E2	≈2.2	≈0.0749	α(K)≈0.0629; α(L)≈0.00979; α(M)≈0.00190; α(N+..)≈0.000342 α(N)≈0.000329; α(O)≈1.348×10^{-5} E_γ: others: 229.09 *15* (1969WiZX), 229.7 *2* (1970Hn01). δ,Mult.: from α(K)exp=0.061 *8*.
236.1 *3*	4.6 *4*	417.1	(9/2$^-$)	181.01	(11/2)$^-$	[M1,E2]		0.058 *15*	α(K)=0.050 *12*; α(L)=0.0072 *25*; α(M)=0.0014 *5*; α(N+..)=0.00025 *9* α(N)=0.00024 *8*; α(O)=1.11×10^{-5} *18*
243.6 *6*	2.2 *5*	472.7	3/2$^+$,5/2$^+$	229.04	(3/2)$^+$	[M1]		0.0409	α(K)=0.0355 *6*; α(L)=0.00435 *7*; α(M)=0.000835 *13*; α(N+..)=0.0001576 *25* α(N)=0.0001490 *23*; α(O)=8.62×10^{-6} *14*
247.0 *10*	1.0 *5*	719.9	(5/2$^-$)	472.7	3/2$^+$,5/2$^+$				
275.8 *5*	≈0.4	749.44	3/2$^+$,5/2$^+$	473.9	($^+$)				
302.7 *2*	3.9 *4*	719.9	(5/2$^-$)	417.1	(9/2$^-$)	[E2]		0.0315	α(K)=0.0267 *4*; α(L)=0.00390 *6*; α(M)=0.000756 *11*; α(N+..)=0.0001372 *20* α(N)=0.0001314 *19*; α(O)=5.82×10^{-6} *9*
326.1 *1*	11.3 *12*	719.9	(5/2$^-$)	393.81	(7/2)$^-$	[M1,E2]		0.022 *3*	α(K)=0.0190 *21*; α(L)=0.0025 *5*; α(M)=0.00048 *10*; α(N+..)=9.9×10^{-5} *18* I_γ: 23 *3* (1981Me17).
360.5 *2*	1.81 *22*	360.53	(5/2)$^+$	0.0	1/2$^+$	[E2]		0.0179	α(K)=0.01530 *22*; α(L)=0.00214 *3*; α(M)=0.000413 *6*; α(N+..)=7.55×10^{-5} *11* α(N)=7.21×10^{-5} *11*; α(O)=3.39×10^{-6} *5*

$^{115}_{48}$Cd$_{67}$-3

γ(^{115}Cd) (continued)

E_γ [†]	I_γ [†‡]	E_i(level)	J^π_i	E_f	J^π_f	Mult.	α [#]	Comments
372.2 *1*	11.6 *13*	1091.99	(3/2$^-$)	719.9	(5/2$^-$)	[M1,E2]	0.0150 *13*	α(K)=0.0129 *10*; α(L)=0.00169 *24*; α(M)=0.00032 *5*; α(N+..)=6.0×10^{-5} *8* α(N)=5.7×10^{-5} *8*; α(O)=2.99×10^{-6} *10* E_γ: others: 372.6 *2* (1970Hn01), 372.5 (1973BrXC).
388.9 *3*	2.6 *3*	749.44	3/2$^+$,5/2$^+$	360.53	(5/2)$^+$	[M1]	0.01235	α(K)=0.01076 *16*; α(L)=0.001298 *19*; α(M)=0.000249 *4*; α(N+..)=4.70×10^{-5} *7* α(N)=4.44×10^{-5} *7*; α(O)=2.60×10^{-6} *4*
416.2 *3*	1.29 *19*	776.69	3/2$^+$,5/2$^+$	360.53	(5/2)$^+$			
420.2 *3*	0.71 *13*	649.12	1/2$^+$	229.04	(3/2)$^+$			
472.7 *1*	22.1 *27*	472.7	3/2$^+$,5/2$^+$	0.0	1/2$^+$	[M1]	0.00769	α=0.00769; α(K)=0.00670; α(L)=0.00080; α(M)=0.00015
507.3 *4*	8.3 *10*	507.27	3/2$^+$,5/2$^+$	0.0	1/2$^+$			
547.8 *3*	1.48 *20*	776.69	3/2$^+$,5/2$^+$	229.04	(3/2)$^+$			
^{x}565.0 *5*	0.65 *14*							
584.6 *5*	0.84 *15*	1091.99	(3/2$^-$)	507.27	3/2$^+$,5/2$^+$			
602.1 *5*	0.51 *11*	962.68	1/2$^+$	360.53	(5/2)$^+$			
^{x}627.0 *5*	0.24 *6*							
638.6 *5*	0.5 *2*	1358.3	3/2$^+$,5/2$^+$	719.9	(5/2$^-$)			
649.1 *1*	16.5 *21*	649.12	1/2$^+$	0.0	1/2$^+$			I_γ: 32 *6* (1981Me17).
653.3 *5*	0.2 *1*	1126.2		472.7	3/2$^+$,5/2$^+$			
671.0 *10*	0.78 *13*	2156.00	(3/2)$^-$	1485.55				
698.1 *1*	12.4 *16*	1091.99	(3/2$^-$)	393.81	(7/2)$^-$			
716.9 *5*	0.39 *11*	1224.6		507.27	3/2$^+$,5/2$^+$			
732.6 *5*	0.30 *9*	1091.99	(3/2$^-$)	360.53	(5/2)$^+$			
751.6 *5*	0.64 *13*	1224.6		472.7	3/2$^+$,5/2$^+$			
^{x}755.7 *5*	0.26 *8*							
^{x}762.4 *7*	0.25 *5*							
765.8 *7*	0.32 *6*	1485.55		719.9	(5/2$^-$)			
776.6 *2*	3.0 *5*	776.69	3/2$^+$,5/2$^+$	0.0	1/2$^+$			
^{x}798.1 *5*	0.18 *2*							
^{x}801.7 *5*	0.33 *6*							
829.1 *5*	0.81 *8*	2314.45	3/2$^-$	1485.55				
838.7 *5*	0.28 *5*	2156.00	(3/2)$^-$	1317.20	3/2$^+$,5/2$^+$			
844.4 *5*	0.23 *4*	1317.20	3/2$^+$,5/2$^+$	472.7	3/2$^+$,5/2$^+$			
850.9 *5*	0.77 *9*	1358.3	3/2$^+$,5/2$^+$	507.27	3/2$^+$,5/2$^+$			
863.1 *7*	0.71 *9*	1091.99	(3/2$^-$)	229.04	(3/2)$^+$			
^{x}869.3 *5*	0.18 *4*							
^{x}879.6 *5*	0.73 *9*							
^{x}888.5 *5*	0.31 *5*							
897.2 *5*	0.5 *2*	1126.2		229.04	(3/2)$^+$			
^{x}920.8 *5*	0.38 *11*							
931.8 *5*	0.96 *10*	2156.00	(3/2)$^-$	1224.6				
^{x}948.5 *5*	0.15 *3*							
956.4 *5*	0.23 *3*	1317.20	3/2$^+$,5/2$^+$	360.53	(5/2)$^+$			

γ(^{115}Cd) (continued)

E_γ†	I_γ†‡	E_i(level)	J^π_i	E_f	J^π_f
962.7 *2*	3.0 *3*	962.68	$1/2^+$	0.0	$1/2^+$
^{x}974.0 *5*	0.62 *8*				
996.5 *5*	0.89 *10*	1224.6		229.04	$(3/2)^+$
1000.3 *5*	0.31 *4*	2486.56	$(1/2^-,3/2)$	1485.55	
^{x}1005.2 *5*	0.20 *3*				
^{x}1010.3 *5*	0.36 *5*				
1022.2 *5*	0.42 *5*	1742.0		719.9	$(5/2^-)$
1029.6 *5*	0.70 *9*	2156.00	$(3/2)^-$	1126.2	
^{x}1049.7 *6*	0.45 *7*				
^{x}1056.6 *6*	1.02 *11*				
^{x}1064.1 *6*	0.51 *8*				
^{x}1069.9 *6*	0.26 *6*				
1088.4 *7*	0.32 *6*	1317.20	$3/2^+,5/2^+$	229.04	$(3/2)^+$
1092 *1*	0.95 *30*	1091.99	$(3/2^-)$	0.0	$1/2^+$
^{x}1106.3 *7*	0.26 *6*				
1126.3 *5*	1.27 *12*	1126.2		0.0	$1/2^+$
1150.6 *5*	1.30 *12*	2113.29	$(1/2^+,3/2)$	962.68	$1/2^+$
^{x}1183.8 *5*	1.6 *5*				
1193.4 *5*	0.30 *4*	2156.00	$(3/2)^-$	962.68	$1/2^+$
1222.8 *5*	0.65 *7*	2314.45	$3/2^-$	1091.99	$(3/2^-)$
^{x}1234.3 *5*	0.31 *5*				
^{x}1242.2 *5*	0.21 *4*				
1256.6 *5*	0.70 *8*	1485.55		229.04	$(3/2)^+$
^{x}1308.8 *7*	0.26 *4*				
1317.3 *5*	0.48 *6*	1317.20	$3/2^+,5/2^+$	0.0	$1/2^+$
1336.7 *7*	0.28 *5*	2113.29	$(1/2^+,3/2)$	776.69	$3/2^+,5/2^+$
1357.8 *7*	0.61 *6*	2077.6		719.9	$(5/2^-)$
1379.3 *3*	3.34 *27*	2156.00	$(3/2)^-$	776.69	$3/2^+,5/2^+$
1394.6 *4*	0.95 *9*	2486.56	$(1/2^-,3/2)$	1091.99	$(3/2^-)$
1406.6 *4*	1.20 *11*	2156.00	$(3/2)^-$	749.44	$3/2^+,5/2^+$
1435.9 *7*	0.50 *6*	2156.00	$(3/2)^-$	719.9	$(5/2^-)$
1464.2 *4*	2.66 *23*	2113.29	$(1/2^+,3/2)$	649.12	$1/2^+$
1485.2 *4*	0.72 *8*	1485.55		0.0	$1/2^+$
1506.9 *3*	6.6 *7*	2156.00	$(3/2)^-$	649.12	$1/2^+$
^{x}1528.1 *10*	0.11 *2*				
^{x}1531.2 *10*	0.25 *4*				
1535.0 *10*	0.35 *5*	2183.9		649.12	$1/2^+$
1564.9 *5*	0.22 *4*	2314.45	$3/2^-$	749.44	$3/2^+,5/2^+$
1594.8 *5*	0.31 *5*	2314.45	$3/2^-$	719.9	$(5/2^-)$
1606.3 *5*	1.42 *14*	2113.29	$(1/2^+,3/2)$	507.27	$3/2^+,5/2^+$
1640.7 *5*	3.2 *5*	2113.29	$(1/2^+,3/2)$	472.7	$3/2^+,5/2^+$
1648.4 *5*	1.68 *24*	2156.00	$(3/2)^-$	507.27	$3/2^+,5/2^+$
1663.5 *10*	0.42 *13*	2383.46	$3/2$	719.9	$(5/2^-)$
1664.7 *10*	0.64 *19*	2314.45	$3/2^-$	649.12	$1/2^+$

E_γ†	I_γ†‡	E_i(level)	J^π_i	E_f	J^π_f
^{x}1676.8 *5*	0.90 *9*				
1683.0 *7*	0.18 *4*	2156.00	$(3/2)^-$	472.7	$3/2^+,5/2^+$
^{x}1700.5 *7*	0.16 *4*				
1711.2 *5*	1.10 *11*	2183.9		472.7	$3/2^+,5/2^+$
^{x}1743.2 *5*	0.29 *5*				
1752.7 *5*	0.51 *6*	2113.29	$(1/2^+,3/2)$	360.53	$(5/2)^+$
1767.2 *5*	0.50 *7*	2486.56	$(1/2^-,3/2)$	719.9	$(5/2^-)$
1795.4 *5*	1.75 *17*	2156.00	$(3/2)^-$	360.53	$(5/2)^+$
1807.2 *5*	0.18 *3*	2314.45	$3/2^-$	507.27	$3/2^+,5/2^+$
1823.3 *5*	0.25 *4*	2183.9		360.53	$(5/2)^+$
1841.6 *3*	10.0 *9*	2314.45	$3/2^-$	472.7	$3/2^+,5/2^+$
1884.1 *3*	1.87 *17*	2113.29	$(1/2^+,3/2)$	229.04	$(3/2)^+$
1910.7 *3*	1.54 *14*	2383.46	$3/2$	472.7	$3/2^+,5/2^+$
1926.9 *3*	7.5 *6*	2156.00	$(3/2)^-$	229.04	$(3/2)^+$
1979.8 *5*	0.32 *4*	2486.56	$(1/2^-,3/2)$	507.27	$3/2^+,5/2^+$
^{x}2011.4 *5*	0.20 *3*				
2022.8 *5*	0.58 *7*	2383.46	$3/2$	360.53	$(5/2)^+$
^{x}2041.5 *5*	0.24 *4*				
^{x}2074.1 *7*	0.09 *2*				
^{x}2082.1 *5*	0.70 *7*				
2095.7 *7*	0.10 *3*	2569.1		472.7	$3/2^+,5/2^+$
2113.2 *3*	6.5 *6*	2113.29	$(1/2^+,3/2)$	0.0	$1/2^+$
^{x}2127.0 *5*	0.27 *4*				
^{x}2137.5 *5*	0.12 *1*				
2156.1 *3*	15.6 *13*	2156.00	$(3/2)^-$	0.0	$1/2^+$
^{x}2167.3 *7*	0.13 *2*				
2173.3 *7*	0.18 *2*	2680.35		507.27	$3/2^+,5/2^+$
2183.7 *10*	0.21 *2*	2183.9		0.0	$1/2^+$
2186.6 *10*	0.08 *1*	2659.4		472.7	$3/2^+,5/2^+$
2207.9 *7*	0.07 *2*	2569.1		360.53	$(5/2)^+$
2257.2 *5*	0.10 *2*	2486.56	$(1/2^-,3/2)$	229.04	$(3/2)^+$
2265.1 *5*	0.12 *2*	2494.1		229.04	$(3/2)^+$
^{x}2296.4 *7*	0.31 *4*				
^{x}2302.3 *7*	0.18 *3*				
2314.2 *5*	0.24 *3*	2314.45	$3/2^-$	0.0	$1/2^+$
2340.1 *5*	0.37 *4*	2569.1		229.04	$(3/2)^+$
^{x}2374.2 *7*	0.08 *2*				
2383.5 *3*	1.20 *12*	2383.46	$3/2$	0.0	$1/2^+$
^{x}2415.0 *5*	0.12 *2*				
2430.3 *7*	0.10 *2*	2659.4		229.04	$(3/2)^+$
^{x}2435.5 *7*	0.28 *3*				
^{x}2442.7 *7*	0.13 *2*				
2451.1 *3*	0.42 *5*	2680.35		229.04	$(3/2)^+$
2486.5 *3*	0.44 *5*	2486.56	$(1/2^-,3/2)$	0.0	$1/2^+$

^{115}Ag β^- decay (20.0 min)   1978Ma18 (continued)

$\gamma(^{115}$Cd) (continued)

E_γ †	I_γ †‡	E_i(level)	J^π_i	E_f	J^π_f	E_γ †	I_γ †‡	E_i(level)	J^π_i	E_f	J^π_f
2494.1 *3*	0.74 *7*	2494.1		0.0	$1/2^+$	2659.4 *3*	0.40 *4*	2659.4		0.0	$1/2^+$
2526.9 *3*	0.52 *6*	2526.9		0.0	$1/2^+$	2680.7 *5*	0.08 *2*	2680.35		0.0	$1/2^+$
2569.3 *5*	0.30 *4*	2569.1		0.0	$1/2^+$	2713.9 *5*	0.04 *1*	2713.9?		0.0	$1/2^+$
2635.9 *5*	0.06 *2*	2635.9?		0.0	$1/2^+$	2906.3 *3*	0.31 *3*	2906.3	$1/2^-,3/2^-$	0.0	$1/2^+$

† From 1978Ma18.

‡ For absolute intensity per 100 decays, multiply by 0.18 *8*.

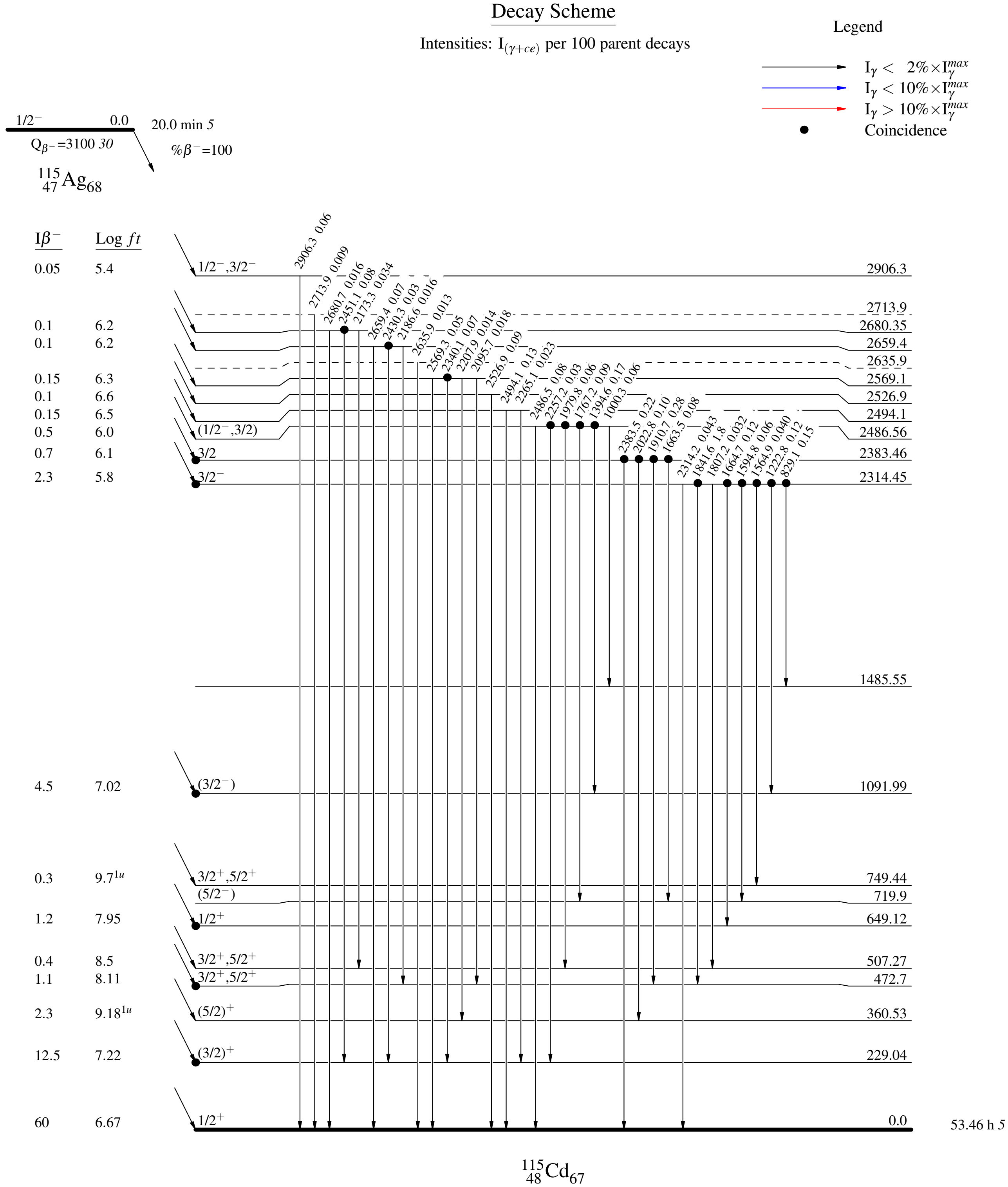
Total theoretical internal conversion coefficients, calculated using the BrIcc code (2008Ki07) with Frozen orbital approximation based on γ-ray energies, assigned multipolarities, and mixing ratios, unless otherwise specified.

^{x} γ ray not placed in level scheme.

^{115}Ag β^- decay (20.0 min) 1978Ma18

Decay Scheme

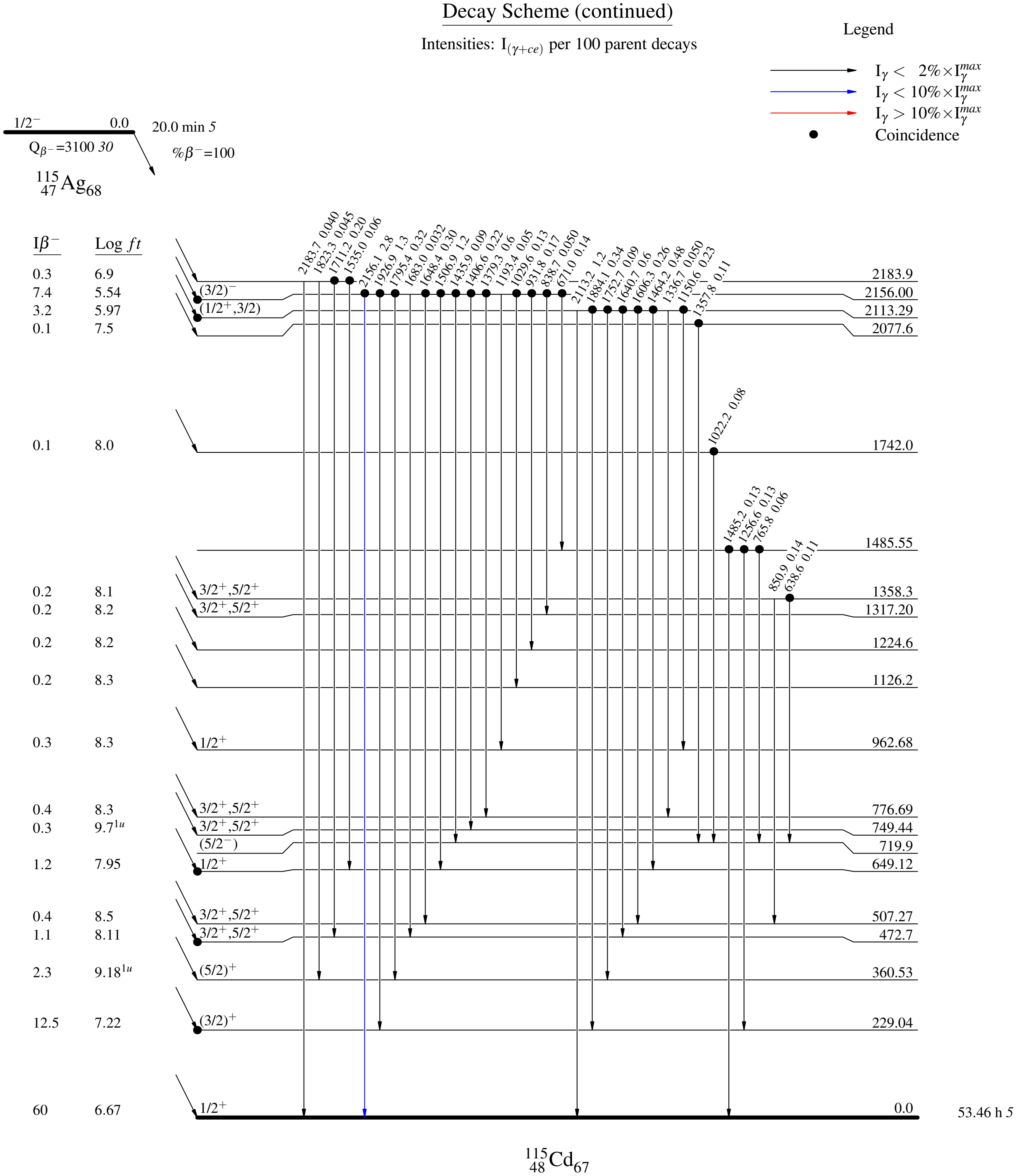
Intensities: $I_{(\gamma+ce)}$ per 100 parent decays



$^{115}Ag\ \beta^-$ decay (20.0 min) 1978Ma18

Decay Scheme (continued)

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



^{115}Ag β^- decay (20.0 min) 1978Ma18

Decay Scheme (continued)

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