Adopted Levels, Gammas

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	D. De Frenne	NDS 110, 2081 (2009)	1-Mar-2009

Q(β^-)=−4148 *5*; S(n)=10625 *9*; S(p)=4158 *5*; Q(α)=−1647 *8* 2012Wa38
Note: Current evaluation has used the following Q record.
Q(β^-)=−4142 *10*; S(n)=1060×10[1] *3*; S(p)=4155 *17*; Q(α)=−1642 *18* 2003Au03

^{103}Ag Levels

Cross Reference (XREF) Flags

A	^{103}Ag IT decay (5.7 s)	E	^{76}Ge(^{35}Cl,α4nγ)
B	^{103}Cd ε decay (7.3 min)	F	^{78}Se(^{32}S,p2n$\alpha\gamma$)
C	^{102}Pd(p,p) IAR	G	^{72}Ge(^{35}Cl,2p2nγ)
D	^{94}Mo(^{12}C,2npγ)		

E(level)[†]	J$^\pi$[#]	T$_{1/2}$[‡]	XREF	Comments
0.0	7/2$^+$	65.7 min *7*	AB DEFG	%ε+%β^+=100 μ=+4.47 *5* (1989Ra17,2005St24) <r^2>$^{1/2}$=4.4976 fm *70* (2004An14, evaluation). J$^\pi$: J=7/2 via atomic beam (1976Fu06). log *ft*=5.85 from (5/2)$^+$ to π=+. 1970Wa35 determined hyperfine structure anomaly (atomic beam). T$_{1/2}$: from ce decay curves (1975Di09); others: 67.2 min *24* (1966Ja12), 66.3 min *20* (1962Pa05), 69 min *6* (1960Pr14), 60 min *6* (1955Jo25).
27.54[@] *4*	(9/2)$^+$		B DEFG	J$^\pi$: based on M1 γ decay to 7/2$^+$ g.s. and no feeding from 134-keV, 1/2$^-$ isomeric state but 5/2$^+$ and 7/2$^+$ cannot be excluded.
134.45 *4*	1/2$^-$	5.7 s *3*	AB	%IT=100 T$_{1/2}$: 5.7 s *3* (1962Wh02) 134γ decay curve; other: 6.4 s *8* (1969Ha03). J$^\pi$: from E3 to g.s.
521.41 *7*	(3/2)$^-$		B	J$^\pi$: M1,E2 γ to 1/2$^-$ no γ to 7/2$^+$.
590.58[@] *17*	(11/2)$^+$		B D	
590.79 *7*	(5/2)$^-$		B D	J$^\pi$: decays to 1/2$^-$, (3/2)$^-$ states only; π=− from M1,E2 to 1/2$^-$.
851.0[@] *11*	(13/2)$^+$		DEFG	J$^\pi$: populated in (HI,xnypγ), member of (9/2)$^+$ band; π=+ from E2 to 9/2$^+$.
1079.91 *6*	(5/2,7/2)$^+$		B	J$^\pi$: M1,E2 γ to 9/2$^+$ and log *ft*=5.9 for ε from (5/2)$^+$ ^{103}Cd.
1083.53 *16*	1/2$^-$,3/2$^-$,5/2$^-$		B	J$^\pi$: from M1,E2 to 1/2$^-$.
1099.28 *7*	(5/2,7/2,9/2)$^+$		B	J$^\pi$: π=+ from M1,E2; J from log *ft*=6.60 from (5/2)$^+$.
1210.83 *17*			B	
1257.9 *4*			B	
1311.68 *7*	(7/2)$^+$		B	J$^\pi$: π=+ from M1,E2 γ decay to 7/2$^+$, 11/2$^+$ states. If *J*$^\pi$=5/2$^+$ for ^{103}Cd g.s., 9/2$^+$ and 11/2$^+$ eliminated from log *ft*=6.0.
1422.07 *11*	(3/2)$^+$		B	J$^\pi$: E1 γ to 1/2$^-$ gives 1/2$^+$,3/2$^+$. log *ft*=6.16 from (5/2)$^+$.
1461.80 *7*	(5/2)$^+$		B	J$^\pi$: π=+ from M1,E2 to 7/2$^+$. J=3/2,5/2,7/2 from log *ft*=5.22 from (5/2)$^+$, γ to 9/2$^+$. No γ decay to 11/2$^+$ favors 5/2.
1476.23 *7*	(5/2,7/2)$^+$		B	J$^\pi$: M1,E2 γ to 7/2$^+$, log *ft*=5.55 from (5/2)$^+$, γ to 9/2$^+$.
1490.9[@] *11*	(15/2)$^+$		DE G	
1552.00 *15*	$^+$		B	J$^\pi$: M1,E2 to 7/2$^+$.
1556.96 *11*	$^+$		B	J$^\pi$: M1,E2 to 7/2$^+$.
1705.18 *9*	3/2$^+$		B	J$^\pi$: E1 γ to 1/2$^-$, γ to 7/2$^+$.
1776.00 *9*	(5/2,7/2)$^+$		B	J$^\pi$: M1,E2 γ to 7/2$^+$, log *ft*=5.9 from (5/2)$^+$, γ to 9/2$^+$.
1821.8[@] *11*	(17/2)$^+$		DEFG	
1822.01 *11*			B	
1828.6 *3*			B	
1856.69 *16*			B	

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Adopted Levels, Gammas (continued)

^{103}Ag Levels (continued)

E(level)[†]	Jπ[#]	XREF	Comments
1880.00 *9*	(3/2,5/2,7/2)$^+$	B	
1901.14 *13*	$^+$	B	Jπ: M1 γ from (3/2,5/2,7/2)$^+$.
1906.97 *21*		B	
1957.97 *9*	(3/2,5/2,7/2)$^+$	B	
1968.55 *9*	(3/2,5/2,7/2)$^+$	B	
2012.07 *9*	(3/2,5/2,7/2)$^+$	B	
2020.53 *21*		B	
2022.58 *13*	(3/2,5/2,7/2)$^+$	B	
2066.0 *11*		D	
2088.99 *15*	(3/2,5/2,7/2)$^+$	B	Jπ: M1,E2 γ to π=+.
2125.05 *20*	(3/2,5/2,7/2)$^+$	B	
2133.03 *18*	(3/2,5/2,7/2)$^+$	B	
2159.7 *4*	(15/2$^-$)	D G	
2167.65 *24*	(3/2,5/2,7/2)$^+$	B	
2199.37 *11*	(3/2)$^+$	B	Jπ: M1,E2 γ′s to 5/2$^+$ and 7/2$^+$. log *ft*=4.97 from (5/2)$^+$. No γ to 9/2$^+$.
2206.6 *4*		B	
2230.8 *11*		D	
2245.15 *16*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.54 from (5/2)$^+$ ^{103}Cd g.s.
2248.4 *11*		D	
2273.81 *16*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.48 from (5/2)$^+$ ^{103}Cd g.s.
2287.9 *4*		B	
2330.27[@] *18*	(19/2)$^+$	DE	
2356.10 *16*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.75 from (5/2)$^+$ ^{103}Cd g.s.
2401.11 *11*	(3/2,5/2,7/2)$^+$	B	
2439.45 *13*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=4.84 from (5/2)$^+$ ^{103}Cd g.s.
2440.43 *20*	(3/2$^+$)	B	Jπ: log *ft*=5.48 from (5/2)$^+$ ^{103}Cd g.s.
2485.14 *17*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.45 from (5/2)$^+$ ^{103}Cd g.s.
2521.09 *9*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.07 from (5/2)$^+$ ^{103}Cd g.s.
2529.1 *11*	19/2$^+$	DE	
2572.5 *4*	(15/2$^-$)	G	
2574.5 *13*		D	
2586.97 *25*		B	
2597.73 *15*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.34 from (5/2)$^+$ ^{103}Cd g.s.
2658.1 *3*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.57 from (5/2)$^+$ ^{103}Cd g.s.
2662.09 *20*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.4 from (5/2)$^+$ ^{103}Cd g.s.
2707.86 *15*	(3/2,5/2,7/2)$^+$	B	
2708.67 *20*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.02 from (5/2)$^+$ ^{103}Cd g.s.
2778.1 *4*		B	
2796.1 *4*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.58 from (5/2)$^+$ ^{103}Cd g.s.
2819.69[@] *21*	(21/2)$^+$	DEF	
2821.9 *3*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.27 from (5/2)$^+$ ^{103}Cd g.s.
2855.52 *21*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.51 from (5/2)$^+$ ^{103}Cd g.s.
2869.2 *11*	17/2$^-$	DE G	
2888.84 *11*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=4.88 from (5/2)$^+$ ^{103}Cd g.s.
2914.0 *11*		D	
2935.5 *11*		D	
2980.61 *16*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.07 from (5/2)$^+$ ^{103}Cd g.s.
3005.53 *19*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.34 from (5/2)$^+$ ^{103}Cd g.s.
3051.7 *4*	(17/2$^-$)	G	
3061.0 *4*	(17/2$^-$)	D G	
3122.2[&] *4*	19/2$^-$	DE G	Jπ: from population in (HI,xnypγ), g.s. of 19/2$^-$ band; π=− from E1 to 17/2$^+$.
3188.8 *3*	(3/2,5/2,7/2)$^+$	B	Jπ: log *ft*=5.19 from (5/2)$^+$ ^{103}Cd g.s.
3222.1 *11*	(19/2$^-$)	D	
3238.9[b] *4*	(17/2$^-$)		
3304.2 *11*	21/2$^-$	DE	

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Adopted Levels, Gammas (continued)

^{103}Ag Levels (continued)

E(level)[†]	Jπ[#]	$T_{1/2}$[‡]	XREF	Comments
3321.1[@] *11*	(23/2)$^+$		DE	
3357.4[&] *11*	21/2$^-$		DE G	Jπ: from population in (HI,xnypγ), member of 19/2$^-$ band; π=− from M1+E2 to 19/2$^-$.
3419.7[b] *5*	(19/2$^-$)		G	
3439.0[c] *11*	(21/2)$^-$		DEF	
3599.1[c] *11*	(23/2)$^-$		DEF	
3666.9 *5*	23/2$^-$		DE G	
3709.0[b] *5*	(21/2$^-$)		D	
3862.0[@] *11*	(25/2)$^+$		DE	
3936.1[c] *11*	(25/2)$^-$		DEF	
3991.3[b] *4*	(23/2$^-$)		G	
4029.3[&] *5*	25/2$^-$		D	Jπ: from population in (HI,xnypγ), member of 19/2$^-$ band; π=− from M1+E2 to 23/2$^-$.
4081.7[&] *5*	25/2$^-$		E G	
4359.7[b] *4*	(25/2$^-$)		G	
4373.3[c] *11*	27/2$^-$	0.312 ps *+14−21*	DEF	
4445.1[&] *15*	27/2$^-$		DE G	
4497.1[@] *3*	(27/2)$^+$		DE	Jπ: from population in (HI,xnypγ), member of 9/2$^+$ band; population of J^π=(25/2$^+$) and 23/2$^+$ levels.
4792.1 *5*	(27/2$^-$)		G	
4793.6[c] *11*	29/2$^-$	0.256 ps *14*	DEF	
4961.1[&] *6*	29/2$^-$	0.28 ps *+8−4*	DE G	
5174.9[b] *5*	(29/2$^-$)	0.270 ps *+21−28*	G	
5321.9[c] *21*	31/2$^-$	0.250 ps *14*	DEF	
5354.1[a] *5*	(27/2$^-$)		G	
5387.4 *11*	(25/2)		D	
5488.3[&] *5*	(31/2$^-$)	0.267 ps *+28−42*	G	
5608.1[b] *6*	(31/2$^-$)	0.222 ps *+14−21*	G	
5781.9[a] *5*	(29/2$^-$)		G	
5825.7[c] *17*	33/2$^-$	0.201 ps *7*	DEF	
6150.9[b] *7*	(33/2$^-$)	0.132 ps *+7−21*	G	
6184.3[a] *5*	(31/2$^-$)	0.125 ps *14*	G	
6185.3[&] *6*	(33/2$^-$)	0.229 ps *+28−21*	G	
6410.7[c] *18*	35/2$^-$	0.187 ps *+7−14*	DEF	
6671.8[a] *6*	(33/2$^-$)	0.090 ps *7*	G	
7175.4[a] *7*	(35/2$^-$)	0.083 ps *7*	G	
7688.0[a] *8*	(37/2$^-$)		G	
8257.9[a] *8*	(39/2$^-$)		G	
10168 *17*			C	Analog of ^{103}Pd 499-keV.
10325 *17*			C	Analog of ^{103}Pd 626-keV.
10450 *17*			C	Analog of ^{103}Pd 727-keV.

[†] Calculated using least square procedures using data from ε decay and (HI,xnγ) if both available, if not taken either from ^{103}Cd decay or different (HI,xnγ) data.

[‡] From Doppler-shift attenuation method (2008Ra06,2006De15) in ^{72}Ge(^{35}Cl,2p2nγ) and ^{78}Se(^{32}S,p2nαγ) reactions, unless noted otherwise.

[#] J^π values of band members based on γ(θ), γ linear pol and observed band structure in different (HI,xnγ) reactions, unless noted

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Adopted Levels, Gammas (continued)

^{103}Ag Levels (continued)

otherwise; J^{π} values of all other levels, from log *ft* values in ε decay of ^{103}Cd g.s. with $J^{\pi}=(5/2)^{+}$.

[@] Band(A): ΔJ=1 band on $J^{\pi}=9/2^{+}$ level at 27 keV (1980Tr05).

[&] Band(B): ΔJ=1 band based on $19/2^{-}$. Configuration: $g_{9/2}$ proton; $g_{7/2}+d_{5/2}$ and $h_{11/2}$ neutrons. Chiral partnership with band based on $17/2^{-}$ suggested from energy and spin matching, but TAC (Tilted Axis Cranking) model calculations do not support this interpretation. The configurations of the two bands are different.This band may satisfy some criteria of magnetic-dipole bands and/or tilted-axis rotational band. (2008RA06).

[a] Band(C): ΔJ=1 band based on $(27/2^{-})$. Possible magnetic-dipole rotational band with configuration=$\pi g_{9/2}^{3}\otimes\nu(g_{7/2}h_{11/2})$ (2008Ra06).

[b] Band(D): ΔJ=1 band based on $(17/2^{-})$. Configuration: $g_{9/2}$ proton; $g_{7/2}+d_{5/2}$ and $h_{11/2}$ neutrons. Chiral partnership with band based on $17/2^{-}$ suggested from energy and spin matching, but TAC (Tilted Axis Cranking) model calculations do not support this interpretation. The configurations of the two bands are different.This band may satisfy some criteria of magnetic-dipole bands and/or tilted-axis rotational band. (2008Ra06).

[c] Band(E): ΔJ=1 band on $J^{\pi}=21/2^{-}$ level At 3439 keV (2006De15).

Adopted Levels, Gammas (continued)

γ(^{103}Ag)

E_i(level)	J_i^π	E_γ[†]	I_γ[†]	E_f	J_f^π	Mult.[‡]	δ[#]	α[@]	Comments
27.54	$(9/2)^+$	27.56 *4*	100	0.0	$7/2^+$	M1		17.5 *3*	Mult.: from I(γ+ce) balances.
134.45	$1/2^-$	134.44 *4*	100	0.0	$7/2^+$	E3		3.66 *6*	α(K)exp=1.7 *7* (1962Wh02) K/L=1.9 *1* B(E3)(W.u.)=0.091 *5* Mult.: from α(K)exp and K/L.
521.41	$(3/2)^-$	386.97 *7*	100	134.45	$1/2^-$	M1,E2		0.0108 *9*	α(K)exp=0.0115 *17* Mult.: from α(K)exp.
590.58	$(11/2)^+$	563.16 *18*	100	27.54	$(9/2)^+$	M1+E2	+0.32 *4*		Mult.: from 590γ(θ) and linear pol.
590.79	$(5/2)^-$	69.37 *6*	2.7 *5*	521.41	$(3/2)^-$				
		456.34 *7*	100 *4*	134.45	$1/2^-$	M1,E2			α(K)exp=0.0074 *11* Mult.: from α(K)exp. If J^π's of 590 and 134 keV levels are correct M1 is excluded.
851.0	$(13/2)^+$	260.2 *2*	61 *4*	590.58	$(11/2)^+$	M1+E2	+0.07 *3*	0.0314 *5*	Mult.: from 260γ(θ) and linear pol.
		823.3 *2*	100 *15*	27.54	$(9/2)^+$	E2			Mult.: from 823γ(θ) and linear pol.
1079.91	$(5/2,7/2)^+$	1052.51 *19*	21.1 *11*	27.54	$(9/2)^+$	M1,E2			α(K)exp=0.00065 *10* Mult.: from α(K)exp.
		1079.90 *7*	100 *3*	0.0	$7/2^+$				
1083.53	$1/2^-,3/2^-,5/2^-$	562.2 *4*	29 *9*	521.41	$(3/2)^-$				
		949.09 *17*	100 *7*	134.45	$1/2^-$	M1,E2			α(K)exp=0.00082 *20* Mult.: from α(K)exp.
1099.28	$(5/2,7/2,9/2)^+$	1071.76 *18*	30.8 *14*	27.54	$(9/2)^+$	M1,E2			α(K)exp=0.00083 *15* Mult.: from α(K)exp.
		1099.32 *7*	100 *4*	0.0	$7/2^+$				
1210.83		620.09 *16*	100 *10*	590.79	$(5/2)^-$				
		688.7 *6*	37 *13*	521.41	$(3/2)^-$				
1257.9		667.2 *5*	100 *42*	590.79	$(5/2)^-$				
		736.4 *4*	42 *17*	521.41	$(3/2)^-$				
1311.68	$(7/2)^+$	721.1 *4*	39.1 *19*	590.58	$(11/2)^+$	M1,E2			α(K)exp=0.0025 *5* Mult.: from α(K)exp. M1 excluded if $J^\pi=7/2^+$. If J^π's of 590 and 1311 keV levels are correct M1 is excluded.
		1284.1 *11*	13 *7*	27.54	$(9/2)^+$				
		1311.66 *7*	100 *4*	0.0	$7/2^+$	M1,E2			α(K)exp=0.00055 *8* Mult.: from α(K)exp.
1422.07	$(3/2)^+$	1287.61 *10*	100	134.45	$1/2^-$	E1			α(K)exp=0.00021 *4* Mult.: from α(K)exp.
1461.80	$(5/2)^+$	871.0 *4*	1.2 *3*	590.79	$(5/2)^-$				
		1434.0 *4*	2.5 *3*	27.54	$(9/2)^+$				
		1461.81 *7*	100 *5*	0.0	$7/2^+$	M1,E2			α(K)exp=0.00032 *3* Mult.: from α(K)exp.
1476.23	$(5/2,7/2)^+$	377.0 *7*	2.7 *13*	1099.28	$(5/2,7/2,9/2)^+$				
		1448.70 *10*	100 *4*	27.54	$(9/2)^+$				

$^{103}_{47}Ag_{56}$-5

Adopted Levels, Gammas (continued)

γ(^{103}Ag) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[†]	E_f	J_f^π	Mult.[‡]	δ[#]	α[@]	Comments
1476.23	$(5/2,7/2)^+$	1476.27 *11*	35.4 *13*	0.0	$7/2^+$	M1,E2			α(K)exp=0.00029 *4* Mult.: from α(K)exp.
1490.9	$(15/2)^+$	639.90 *14*	100 *5*	851.0	$(13/2)^+$	M1+E2	+0.22 *4*		Mult.: from 639γ(θ) and linear pol.
		900.20 *20*	21.0 *25*	590.58	$(11/2)^+$	E2			Mult.: from 900γ(θ) and linear pol.
1552.00	$^+$	1552.00 *15*	100	0.0	$7/2^+$	M1,E2			α(K)exp=0.00031 *8* Mult.: from α(K)exp.
1556.96	$^+$	477.12 *20*	10.3 *15*	1079.91	$(5/2,7/2)^+$				
		1556.94 *14*	100 *4*	0.0	$7/2^+$	M1,E2			α(K)exp=0.0032 *8* Mult.: from α(K)exp.
1705.18	$3/2^+$	243.1 *4*	100 *3*	1461.80	$(5/2)^+$	M1,E2		0.050 *13*	α(K)exp=0.047 *8* Mult.: from α(K)exp.
		625.2 *4*	71 *14*	1079.91	$(5/2,7/2)^+$				α(K)exp=0.0043 *12*
		1114.51 *19*	36 *4*	590.79	$(5/2)^-$				
		1184.1 *3*	26 *4*	521.41	$(3/2)^-$				
		1570.6 *5*	89 *27*	134.45	$1/2^-$	E1			α(K)exp<0.0015 Mult.: from α(K)exp.
		1704.98 *13*	34 *3*	0.0	$7/2^+$				
1776.00	$(5/2,7/2)^+$	677.0 *4*	21.8 *16*	1099.28	$(5/2,7/2,9/2)^+$	M1,E2			α(K)exp=0.004 *1* Mult.: from α(K)exp.
		696.3 *6*	6 *3*	1079.91	$(5/2,7/2)^+$				
		1748.45 *10*	100 *6*	27.54	$(9/2)^+$				
		1775.79 *21*	18.5 *24*	0.0	$7/2^+$				
1821.8	$(17/2)^+$	331.0 *2*	65 *9*	1490.9	$(15/2)^+$	M1+E2	+0.05 *4*	0.01691 *24*	Mult.: from 330γ(θ) and linear pol.
		970.55 *15*	100 *6*	851.0	$(13/2)^+$	E2			Mult.: from 970γ(θ) and linear pol.
1822.01		264.4 *6*	12 *3*	1556.96	$^+$				
		1822.02 *11*	100 *6*	0.0	$7/2^+$				
1828.6		1307.2 *5*	69 *38*	521.41	$(3/2)^-$				
		1694.2 *4*	100 *46*	134.45	$1/2^-$				
1856.69		1856.67 *17*	100	0.0	$7/2^+$				
1880.00	$(3/2,5/2,7/2)^+$	1879.96 *9*	100	0.0	$7/2^+$				
1901.14	$^+$	1766.64 *13*	100	134.45	$1/2^-$				
1906.97		807.65 *20*	71 *29*	1099.28	$(5/2,7/2,9/2)^+$	M1,E2			α(K)exp=0.0010 *4* (1980Ka05) Mult.: from α(K)exp.
		1907.5 *8*	100 *43*	0.0	$7/2^+$				
1957.97	$(3/2,5/2,7/2)^+$	496.2 *4*	9 *3*	1461.80	$(5/2)^+$				
		859.12 *22*	12.3 *25*	1099.28	$(5/2,7/2,9/2)^+$				
		878.3 *3*	15.3 *25*	1079.91	$(5/2,7/2)^+$				
		1930.23 *11*	100 *4*	27.54	$(9/2)^+$				
		1958.5 *5*	15.3 *12*	0.0	$7/2^+$				
1968.55	$(3/2,5/2,7/2)^+$	546.4 *4*	36 *10*	1422.07	$(3/2)^+$				
		1377.1 *5*	14 *4*	590.79	$(5/2)^-$				
		1447.1 *5*	72 *14*	521.41	$(3/2)^-$				
		1834.18 *11*	100 *6*	134.45	$1/2^-$				

Adopted Levels, Gammas (continued)

γ(^{103}Ag) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[†]	E_f	J_f^π	Mult.[‡]	α[@]	Comments
2012.07	(3/2,5/2,7/2)$^+$	1984.67 *14*	45 *4*	27.54	(9/2)$^+$			
		2011.95 *11*	100 *5*	0.0	7/2$^+$			
2020.53		463.7 *6*	59 *18*	1556.96	$^+$			
		598.8 *7*	45 *18*	1422.07	(3/2)$^+$			
		1499.15 *26*	100 *14*	521.41	(3/2)$^-$			
2022.58	(3/2,5/2,7/2)$^+$	2022.53 *13*	100	0.0	7/2$^+$			
2066.0		1215.0 *2*	100	851.0	(13/2)$^+$			
2088.99	(3/2,5/2,7/2)$^+$	187.5 *6*	18 *1*	1901.14	$^+$	M1	0.074 *13*	α(K)exp=0.079 *14* Mult.: from α(K)exp.
		532.1 *4*	44 *3*	1556.96	$^+$	M1,E2		α(K)exp=0.0064 *10* Mult.: from α(K)exp.
		627.0 *4*	100 *18*	1461.80	(5/2)$^+$	M1,E2		α(K)exp=0.0056 *12* Mult.: from α(K)exp.
		666.8 *4*	18 *6*	1422.07	(3/2)$^+$			
		1005.6 *4*	20 *3*	1083.53	1/2$^-$,3/2$^-$,5/2$^-$			
		1009.4 *5*	21 *3*	1079.91	(5/2,7/2)$^+$			
		1567.5 *5*	28 *10*	521.41	(3/2)$^-$			
2125.05	(3/2,5/2,7/2)$^+$	2097.34 *23*	100 *15*	27.54	(9/2)$^+$			
		2125.5 *4*	81 *11*	0.0	7/2$^+$			
2133.03	(3/2,5/2,7/2)$^+$	2133.03 *20*	100	0.0	7/2$^+$			
2159.7	(15/2$^-$)	1308.0 *2*	100	851.0	(13/2)$^+$	(E1)		Mult.: (E1) from ^{72}Ge(^{35}Cl,2p2nγ). Mult.: M1+E2 from ^{94}Mo(^{12}C,2npγ) but more evidence for (E1) from DCO value.
2167.65	(3/2,5/2,7/2)$^+$	1068.4 *11*	72 *36*	1099.28	(5/2,7/2,9/2)$^+$			
		1087.2 *10*	80 *28*	1079.91	(5/2,7/2)$^+$			
		2167.66 *25*	100 *12*	0.0	7/2$^+$			
2199.37	(3/2)$^+$	296.7 *6*	6.4 *24*	1901.14	$^+$			
		318.0 *8*	1.6 *8*	1880.00	(3/2,5/2,7/2)$^+$			
		370.8 *6*	4.8 *16*	1828.6				
		494.3 *4*	35 *16*	1705.18	3/2$^+$			
		643.1 *5*	21 *6*	1556.96	$^+$			
		648.0 *10*	11 *4*	1552.00	$^+$			
		723.1 *4*	82 *8*	1476.23	(5/2,7/2)$^+$	M1,E2		α(K)exp=0.0024 *5* Mult.: from α(K)exp.
		737.5 *4*	7.2 *24*	1461.80	(5/2)$^+$			
		1677.8 *6*	10 *3*	521.41	(3/2)$^-$			
		2064.6 *4*	24 *3*	134.45	1/2$^-$			
		2199.45 *14*	100 *5*	0.0	7/2$^+$			
2206.6		1685.2 *4*	100	521.41	(3/2)$^-$			
2230.8		164.8 *2*	100	2066.0				
2245.15	(3/2,5/2,7/2)$^+$	2245.12 *16*	100	0.0	7/2$^+$			
2248.4		758 *1*	100	1490.9	(15/2)$^+$			
2273.81	(3/2,5/2,7/2)$^+$	722.0 *6*	23 *9*	1552.00	$^+$			

$^{103}_{47}Ag_{56}$-7

Adopted Levels, Gammas (continued)

γ(^{103}Ag) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[†]	E_f	J_f^π	Mult.[‡]	δ[#]	Comments
2273.81	(3/2,5/2,7/2)$^+$	961.6 *6*	38 *14*	1311.68	(7/2)$^+$			
		2273.80 *17*	100 *6*	0.0	7/2$^+$			
2287.9		1208.2 *6*	100 *37*	1079.91	(5/2,7/2)$^+$			
		2287.7 *4*	84 *16*	0.0	7/2$^+$			
2330.27	(19/2)$^+$	508.6 *2*	100 *5*	1821.8	(17/2)$^+$	M1+E2	+0.03 *6*	Mult.: from 508γ(θ) and linear pol.
		839.6 *2*	88 *9*	1490.9	(15/2)$^+$	E2		I_γ: From ^{94}Mo(^{12}C,2npγ). Other: 32.8 *21* (^{76}Ge(^{35}Cl,α4nγ)). Mult.: from 839γ(θ) and linear pol.
2356.10	(3/2,5/2,7/2)$^+$	2328.78 *22*	67 *10*	27.54	(9/2)$^+$			
		2355.81 *23*	100 *10*	0.0	7/2$^+$			
2401.11	(3/2,5/2,7/2)$^+$	520.3 *8*	1.5 *8*	1880.00	(3/2,5/2,7/2)$^+$			
		544.4 *4*	23 *6*	1856.69				
		924.7 *7*	8 *4*	1476.23	(5/2,7/2)$^+$			
		939.3 *5*	15 *3*	1461.80	(5/2)$^+$			
		1089.4 *4*	45 *9*	1311.68	(7/2)$^+$			
		1301.7 *5*	25 *11*	1099.28	(5/2,7/2,9/2)$^+$			
		2373.67 *17*	100 *4*	27.54	(9/2)$^+$			
		2401.06 *17*	78 *4*	0.0	7/2$^+$			
2439.45	(3/2,5/2,7/2)$^+$	663.4 *3*	18.3 *14*	1776.00	(5/2,7/2)$^+$	M1,E2		α(K)exp=0.005 *15* Mult.: from α(K)exp.
		882.3 *4*	21 *8*	1556.96	$^+$			
		887.5 *3*	14 *3*	1552.00	$^+$			
		963.1 *4*	100 *40*	1476.23	(5/2,7/2)$^+$			
		1359.0 *5*	15 *5*	1079.91	(5/2,7/2)$^+$			
		2411.7 *3*	12.7 *21*	27.54	(9/2)$^+$			
		2439.58 *21*	31.7 *21*	0.0	7/2$^+$			
2440.43	(3/2$^+$)	1919.00 *18*	100	521.41	(3/2)$^-$			
2485.14	(3/2,5/2,7/2)$^+$	1023.7 *6*	18 *7*	1461.80	(5/2)$^+$			
		2457.7 *4*	29 *5*	27.54	(9/2)$^+$			
		2485.04 *19*	100 *7*	0.0	7/2$^+$			
2521.09	(3/2,5/2,7/2)$^+$	552.60 *10*	55 *4*	1968.55	(3/2,5/2,7/2)$^+$	M1,E2		α(K)exp=0.0044 *10* Mult.: from α(K)exp.
		815.73 *17*	55 *4*	1705.18	3/2$^+$	M1,E2		α(K)exp=0.0011 *4* Mult.: from α(K)exp.
		1441.24 *15*	78 *7*	1079.91	(5/2,7/2)$^+$			
		1999.0 *7*	27 *9*	521.41	(3/2)$^-$			
		2386.66 *19*	100 *7*	134.45	1/2$^-$			
		2520.9 *3*	27 *5*	0.0	7/2$^+$			
2529.1	19/2$^+$	280.7 *2*	15 *8*	2248.4				
		707.2 *2*	100 *31*	1821.8	(17/2)$^+$	M1+E2		Mult.: from 1980Lu07, based on conversion electron measurements. No δ given. DCO also compatible with M1+E2.
2572.5	(15/2$^-$)	1721.2	100	851.0	(13/2)$^+$	(E1)		Mult.: Suggested in ^{72}Ge(^{35}Cl,2p2nγ) from DCO value and γ decay pattern (2008Ra06).

$^{103}_{47}Ag_{56}$-8

Adopted Levels, Gammas (continued)

γ(^{103}Ag) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[†]	E_f	J_f^π	Mult.[‡]	δ[#]	α[@]	Comments
2574.5		344 *1*	100	2230.8					
2586.97		1034.87 *22*	100	1552.00	$^+$				
2597.73	(3/2,5/2,7/2)$^+$	1045.40 *18*	55 *11*	1552.00	$^+$				
		1518.0 *5*	37 *8*	1079.91	(5/2,7/2)$^+$				
		2570.44 *23*	100 *8*	27.54	(9/2)$^+$				
		2597.8 *4*	47 *8*	0.0	7/2$^+$				
2658.1	(3/2,5/2,7/2)$^+$	881.9 *4*	100 *38*	1776.00	(5/2,7/2)$^+$				
		2067.9 *7*	35 *12*	590.79	(5/2)$^-$				
		2658.1 *5*	54 *12*	0.0	7/2$^+$				
2662.09	(3/2,5/2,7/2)$^+$	782.0 *4*	29 *9*	1880.00	(3/2,5/2,7/2)$^+$				
		840.3 *4*	82 *32*	1822.01					
		2662.0 *3*	100 *9*	0.0	7/2$^+$				
2707.86	(3/2,5/2,7/2)$^+$	749.83 *21*	33 *4*	1957.97	(3/2,5/2,7/2)$^+$				
		931.5 *15*	53 *5*	1776.00	(5/2,7/2)$^+$				
		1246.6 *4*	20 *11*	1461.80	(5/2)$^+$				
		2707.71 *23*	100 *6*	0.0	7/2$^+$				
2708.67	(3/2,5/2,7/2)$^+$	739.9 *3*	14.4 *16*	1968.55	(3/2,5/2,7/2)$^+$				
		2117.6 *6*	8.0 *24*	590.79	(5/2)$^-$				
		2681.4 *3*	100 *4*	27.54	(9/2)$^+$				
2778.1		2257.1 *6*	100 *30*	521.41	(3/2)$^-$				
		2777.7 *5*	70 *20*	0.0	7/2$^+$				
2796.1	(3/2,5/2,7/2)$^+$	2768.6 *4*	100 *12*	27.54	(9/2)$^+$				
		2795.8 *6*	18 *6*	0.0	7/2$^+$				
2819.69	(21/2)$^+$	290.8 *2*	25 *4*	2529.1	19/2$^+$				
		489.40 *20*	67 *8*	2330.27	(19/2)$^+$	M1+E2	+0.05 *4*		Mult.: from 489γ(θ) and linear pol. Other: 0.13 *5* (1980Lu07).
		998.20 *20*	100 *8*	1821.8	(17/2)$^+$	E2			Mult.: from 998γ(θ) and linear pol.
2821.9	(3/2,5/2,7/2)$^+$	1360.2 *4*	76 *27*	1461.80	(5/2)$^+$				
		2300.1 *4*	100 *21*	521.41	(3/2)$^-$				
		2688.8 *11*	58 *12*	134.45	1/2$^-$				
2855.52	(3/2,5/2,7/2)$^+$	1756.3 *3*	50 *11*	1099.28	(5/2,7/2,9/2)$^+$				
		2855.5 *3*	100 *14*	0.0	7/2$^+$				
2869.2	17/2$^-$	295 *1*	40 *20*	2574.5		(M1)		0.0227 *4*	
		1378.4 *2*	100 *20*	1490.9	(15/2)$^+$	E1			
2888.84	(3/2,5/2,7/2)$^+$	866.0 *4*	97 *31*	2022.58	(3/2,5/2,7/2)$^+$				
		868.6 *4*	59 *17*	2020.53					
		920.5 *3*	62 *10*	1968.55	(3/2,5/2,7/2)$^+$				
		987.9 *6*	62 *17*	1901.14	$^+$				
		1412.83 *17*	100 *14*	1476.23	(5/2,7/2)$^+$				
		1808.74 *21*	100 *10*	1079.91	(5/2,7/2)$^+$				
		2298.1 *10*	17 *7*	590.79	(5/2)$^-$				
		2368.0 *6*	76 *24*	521.41	(3/2)$^-$				
		2753.2 *4*	24 *7*	134.45	1/2$^-$				

$^{103}_{47}Ag_{56}$-9

Adopted Levels, Gammas (continued)

γ(^{103}Ag) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[†]	E_f	J_f^π	Mult.[‡]	δ[#]	α[@]	Comments
2914.0		1423.1 *2*	100	1490.9	$(15/2)^+$				
2935.5		605.0 *2*	100	2330.27	$(19/2)^+$				
2980.61	$(3/2,5/2,7/2)^+$	1158.0 *8*	31 *16*	1822.01					
		1428.7 *4*	100 *9*	1552.00	$^+$				
		1668.84 *25*	59 *9*	1311.68	$(7/2)^+$				
		2953.2 *4*	44 *9*	27.54	$(9/2)^+$				
		2980.6 *3*	59 *9*	0.0	$7/2^+$				
3005.53	$(3/2,5/2,7/2)^+$	1529.29 *17*	100	1476.23	$(5/2,7/2)^+$				
3051.7	$(17/2^-)$	892.0 *3*	100	2159.7	$(15/2^-)$	(M1)			
3061.0	$(17/2^-)$	1570.2 *1*	100 *1*	1490.9	$(15/2)^+$	(E1)			
3122.2	$19/2^-$	69.9 *10*		3051.7	$(17/2^-)$	(M1)		1.16 *6*	
		252.86 *19*	32 *5*	2869.2	$17/2^-$	(M1)		0.0338 *5*	
		549.1	5.8 *3*	2574.5		(E2)			
		1300.7 *4*	100 *10*	1821.8	$(17/2)^+$	E1			Mult.: from 1300γ(θ) and linear pol.
3188.8	$(3/2,5/2,7/2)^+$	1636.4 *8*	100 *37*	1552.00	$^+$				
		3161.5 *4*	74 *16*	27.54	$(9/2)^+$				
		3188.5 *4*	79 *16*	0.0	$7/2^+$				
3222.1	$(19/2^-)$	1400.2 *10*	100	1821.8	$(17/2)^+$	(E1)			
3238.9	$(17/2^-)$	1748.2 *10*	100	1490.9	$(15/2)^+$	(E1)			
3304.2	$21/2^-$	973.7 *2*	100	2330.27	$(19/2)^+$	E1			
3321.1	$(23/2)^+$	501.07 *19*	52 *17*	2819.69	$(21/2)^+$	M1+E2	+0.03 *7*		Mult.: from 501γ(θ) and linear pol.
		990.7 *2*	100 *9*	2330.27	$(19/2)^+$	E2			Mult.: from 990γ(θ) and linear pol.
3357.4	$21/2^-$	135.4 *2*	22 *11*	3222.1	$(19/2^-)$				
		235.4 *2*	100 *17*	3122.2	$19/2^-$	M1+E2	+0.02 *5*	0.0407 *6*	Mult.: from 235γ(θ) and linear pol.
3419.7	$(19/2^-)$	180.8 *3*	100 *9*	3238.9	$(17/2^-)$	(M1)		0.0820 *12*	
		358.8 *3*	38 *3*	3061.0	$(17/2^-)$	(M1)		0.01380 *20*	
3439.0	$(21/2)^-$	216.9 *2*	43 *14*	3222.1	$(19/2^-)$				
		317.0 *2*	100 *14*	3122.2	$19/2^-$				
		910 *1*	57 *14*	2529.1	$19/2^+$				
		1108.4 *2*	86 *14*	2330.27	$(19/2)^+$	E1			
3599.1	$(23/2)^-$	160.0 *2*	100 *10*	3439.0	$(21/2)^-$				
		241.7 *2*	15 *4*	3357.4	$21/2^-$				
		664 *1*	38 *10*	2935.5					
		779 *1*	75 *15*	2819.69	$(21/2)^+$	E1			Composite line. E1,E2 is given as multipolarity in ^{94}Mo(^{12}C,2np) (1980Tr05) but 3599 level is band member of ΔJ=1 band on $21/2^-$ 3439 keV level, so E2 is excluded.
3666.9	$23/2^-$	309.4 *2*	100 *11*	3357.4	$21/2^-$	M1+E2	+0.09 *4*	0.0201 *3*	Mult.: from 309γ(θ) and linear pol.
		346 *1*	11 *6*	3321.1	$(23/2)^+$				
		362.5 *3*	78 *11*	3304.2	$21/2^-$				
3709.0	$(21/2^-)$	289.4 *10*	100	3419.7	$(19/2^-)$	(M1)		0.0238 *4*	
3862.0	$(25/2)^+$	540.8 *10*	100 *11*	3321.1	$(23/2)^+$				
		1042.10 *20*	32 *5*	2819.69	$(21/2)^+$				

$^{103}_{47}Ag_{56}$-10

Adopted Levels, Gammas (continued)

γ(^{103}Ag) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[†]	E_f	J_f^π	Mult.[‡]	δ[#]	α[@]	Comments
3936.1	(25/2)$^-$	337.0 *2*	100 *2*	3599.1	(23/2)$^-$	M1+E2	+0.05 *4*	0.01617 *23*	
3991.3	(23/2$^-$)	282.3 *3*	100 *9*	3709.0	(21/2$^-$)	(M1)		0.0254 *4*	
		635.0 *3*	5.3 *3*	3357.4	21/2$^-$	(M1)			
		869.9 *3*	46 *6*	3122.2	19/2$^-$	(E2)			
4029.3	25/2$^-$	362.5 *2*	100	3666.9	23/2$^-$	M1+E2	+0.03 *6*		Mult.,δ: From (^{12}C,p2nγ).
		725 *1*		3304.2	21/2$^-$				
4081.7	25/2$^-$	416.2 *3*	100 *10*	3666.9	23/2$^-$	M1			
		725.2 *3*	11.6 *13*	3357.4	21/2$^-$	E2			
4359.7	(25/2$^-$)	368.8 *3*	100 *9*	3991.3	(23/2$^-$)	(M1)		0.01288 *19*	
		694.8 *3*	63 *9*	3666.9	23/2$^-$	(M1)			E_γ: No final level within 1.3 keV.
		1001.9 *3*	35 *4*	3357.4	21/2$^-$	(E2)			E_γ: poor fit, level-energy difference=1003.0.
4373.3	27/2$^-$	437.2 *2*	100	3936.1	(25/2)$^-$	M1+E2	+0.03 *4*		B(M1)(W.u.)=0.84 *+6−4*; B(E2)(W.u.)=4 *+10−4*
		774	8.6 *6*	3599.1	(23/2)$^-$	E2			
4445.1	27/2$^-$	361.9 *3*	100 *7*	4081.7	25/2$^-$	M1		0.01351 *20*	
		778.1 *3*	46 *3*	3666.9	23/2$^-$	E2			
4497.1	(27/2)$^+$	635.40 *20*	100 *18*	3862.0	(25/2)$^+$	M1+E2	+0.25 *9*		Mult.: from 635γ(θ) and linear pol.
		1176.30 *20*	36 *9*	3321.1	(23/2)$^+$				
4792.1	(27/2$^-$)	432.2 *3*	100 *6*	4359.7	(25/2$^-$)	(M1)			
		801.0 *3*	31 *6*	3991.3	(23/2$^-$)	(E2)			
4793.6	29/2$^-$	420.2 *2*	100	4373.3	27/2$^-$	M1+E2	+0.05 *4*		B(M1)(W.u.)=1.16 *7*; B(E2)(W.u.)=15 *+24−15*
		857.6 *2*		3936.1	(25/2)$^-$				
4961.1	29/2$^-$	515.6 *3*	100 *5*	4445.1	27/2$^-$	M1			B(M1)(W.u.)=0.36 *+6−11*
		877.5 *3*	61 *4*	4081.7	25/2$^-$	E2			B(E2)(W.u.)=51 *+9−16*
5174.9	(29/2$^-$)	382.9 *3*	100 *11*	4792.1	(27/2$^-$)	(M1)		0.01173 *17*	B(M1)(W.u.)=1.24 *+23−22*
		815.1 *3*	17 *6*	4359.7	(25/2$^-$)	(E2)			B(E2)(W.u.)=30 *3*
5321.9	31/2$^-$	529.6		4793.6	29/2$^-$				
		949.0		4373.3	27/2$^-$	E2			
5354.1	(27/2$^-$)	1272.4 *3*	100	4081.7	25/2$^-$	(M1)			
5387.4	(25/2)	1720.6 *2*	100	3666.9	23/2$^-$				
5488.3	(31/2$^-$)	529.1 *3*	100 *1*	4961.1	29/2$^-$	(M1)			B(M1)(W.u.)=0.32 *+6−4*
		1044.7 *3*	73 *8*	4445.1	27/2$^-$	(E2)			B(E2)(W.u.)=25 *+5−25*
5608.1	(31/2$^-$)	433.2 *3*	100	5174.9	(29/2$^-$)	(M1)			B(M1)(W.u.)=1.22 *+12−8*
5781.9	(29/2$^-$)	427.8	0.19 *3*	5354.1	(27/2$^-$)	(M1)			
		1338.3	100 *11*	4445.1	27/2$^-$	(M1)			
5825.7	33/2$^-$	503 *1*	100 *5*	5321.9	31/2$^-$				
		1033 *1*	31 *2*	4793.6	29/2$^-$	E2			B(E2)(W.u.)=20.6 *17*
6150.9	(33/2$^-$)	542.8 *3*	100	5608.1	(31/2$^-$)	(M1)			B(M1)(W.u.)=1.04 *+17−6*
6184.3	(31/2$^-$)	402.4 *3*	100 *11*	5781.9	(29/2$^-$)	(M1)		0.01037 *15*	B(M1)(W.u.)=1.6 *3*
		830.2 *3*	54 *5*	5354.1	(27/2$^-$)	(E2)			B(E2)(W.u.)=126 *21*
		1225.1 *3*	16 *2*	4961.1	29/2$^-$	(M1)			B(M1)(W.u.)=0.0090 *17*
6185.3	(33/2$^-$)	697.0 *3*	35 *15*	5488.3	(31/2$^-$)	(M1)			B(M1)(W.u.)=0.07
		1226.1	100 *10*	4961.1	29/2$^-$	(E2)			B(E2)(W.u.)=23 *3*
6410.7	35/2$^-$	585 *1*	100 *6*	5825.7	33/2$^-$				

$^{103}_{47}Ag_{56}$-11

Adopted Levels, Gammas (continued)

$\gamma(^{103}Ag)$ (continued)

E_i(level)	J_i^π	E_γ †	I_γ †	E_f	J_f^π	Mult. ‡	Comments
6410.7	$35/2^-$	1088 *1*	45 *4*	5321.9	$31/2^-$	E2	B(E2)(W.u.)=21.48 *+272−24*
6671.8	$(33/2^-)$	487.5	100	6184.3	$(31/2^-)$	(M1)	B(M1)(W.u.)=2.11 *17*
7175.4	$(35/2^-)$	503.6	100	6671.8	$(33/2^-)$	(M1)	B(M1)(W.u.)=2.08 *18*
7688.0	$(37/2^-)$	512.6	100	7175.4	$(35/2^-)$	(M1)	
8257.9	$(39/2^-)$	569.9	100	7688.0	$(37/2^-)$	(M1)	

† Adopted values calculated using a least-squares procedure using data from ε decay and the different (HI,xnγ) data if available, if not taken either from ^{103}Cd ε decay or available (HI,xnγ) data.

‡ From $\gamma(\theta)$ and linear polarization in ^{94}Mo(^{12}C,2npγ), most of them confirmed in other (HI,xnγ) reactions or by conversion electron measurements in ^{103}Rh(α,4nγ), ^{103}Rh(^{3}He,3nγ).

Taken from ^{94}Mo(^{12}C,2npγ).

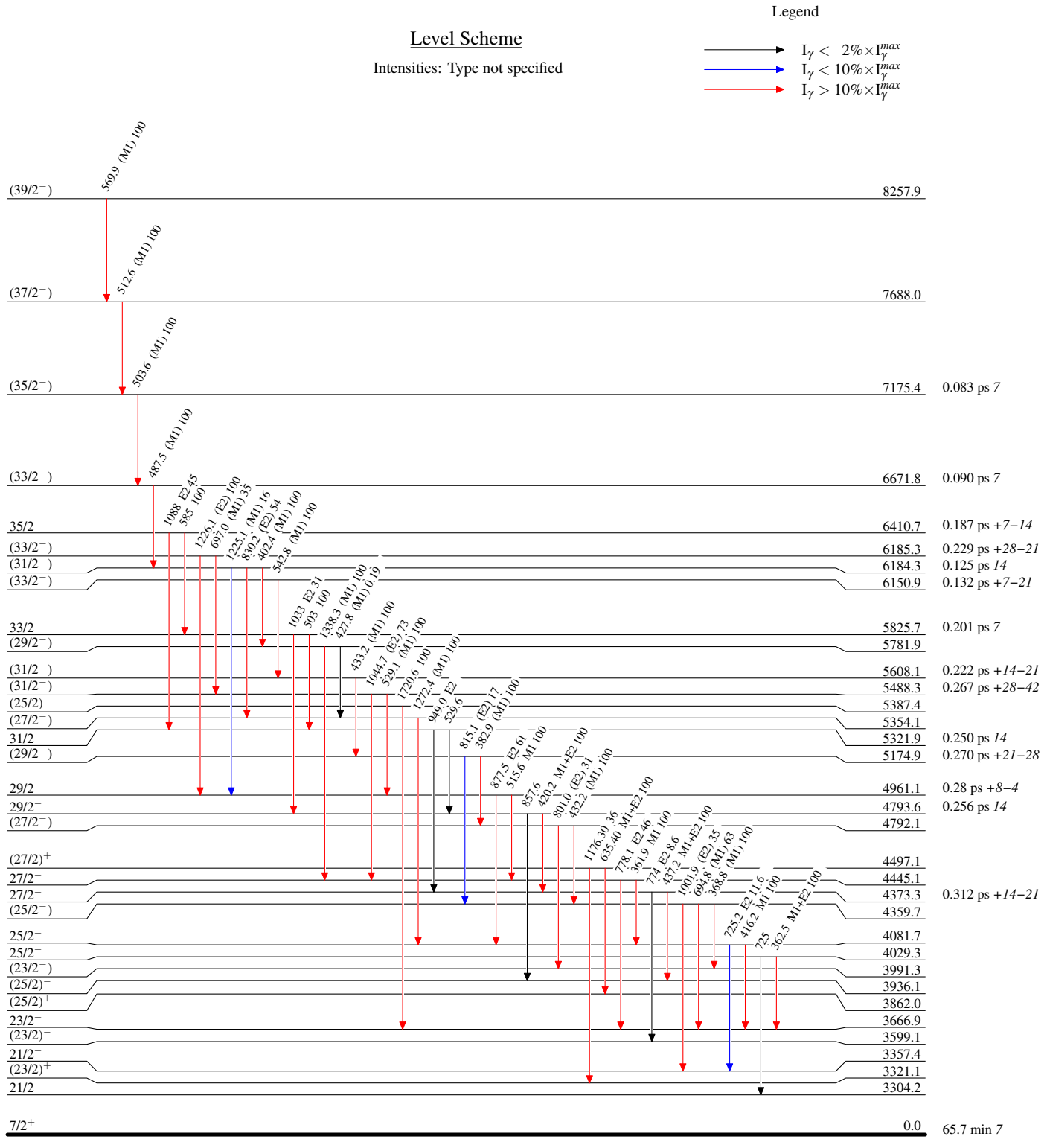
@ Total theoretical internal conversion coefficients, calculated using the BrIcc code (2008Ki07) with Frozen orbital approximation based on γ-ray energies, assigned multipolarities, and mixing ratios, unless otherwise specified.

$^{103}_{47}Ag_{56}$-12

Adopted Levels, Gammas

Level Scheme

Intensities: Type not specified

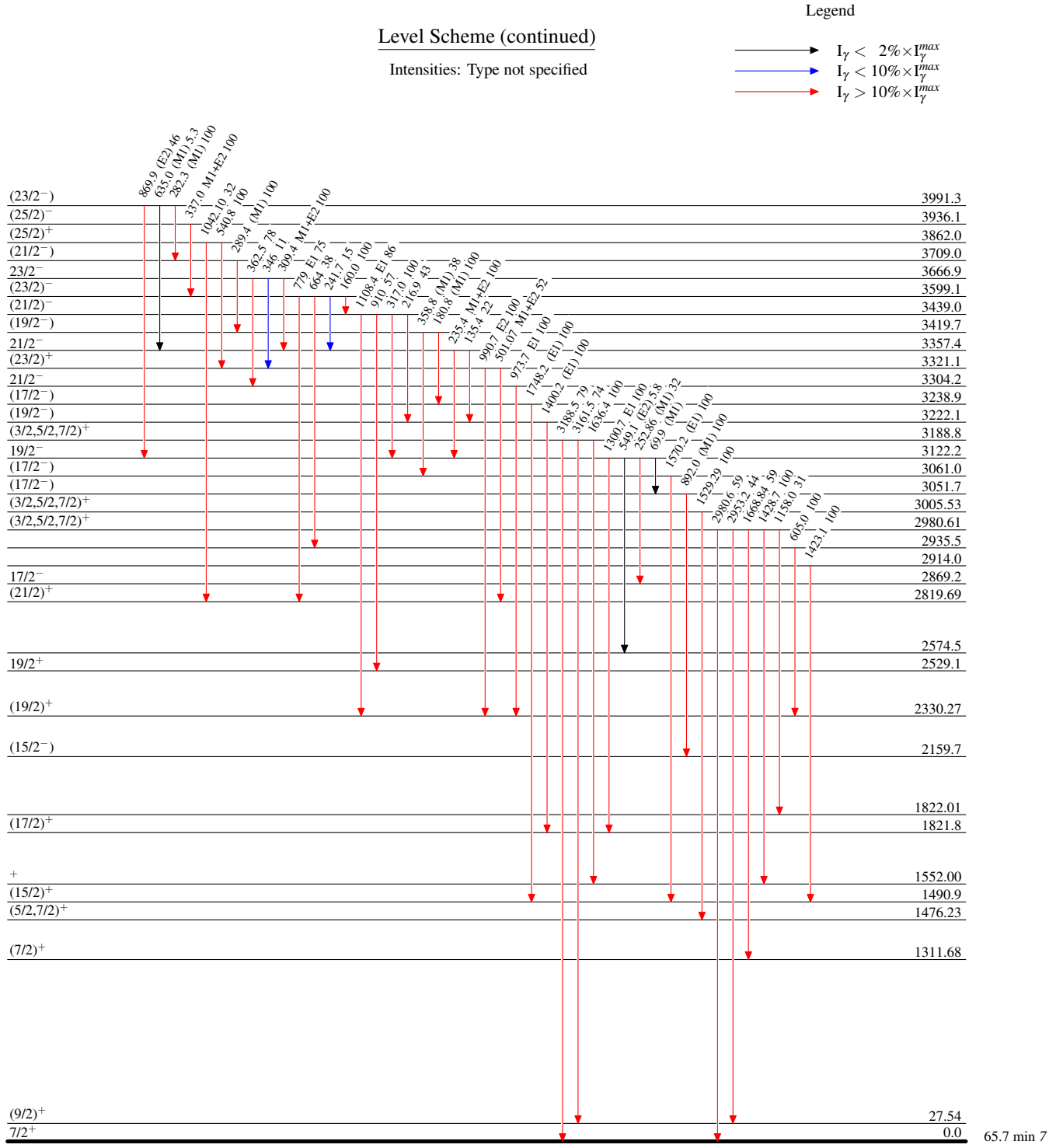


$^{103}_{47}Ag_{56}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified

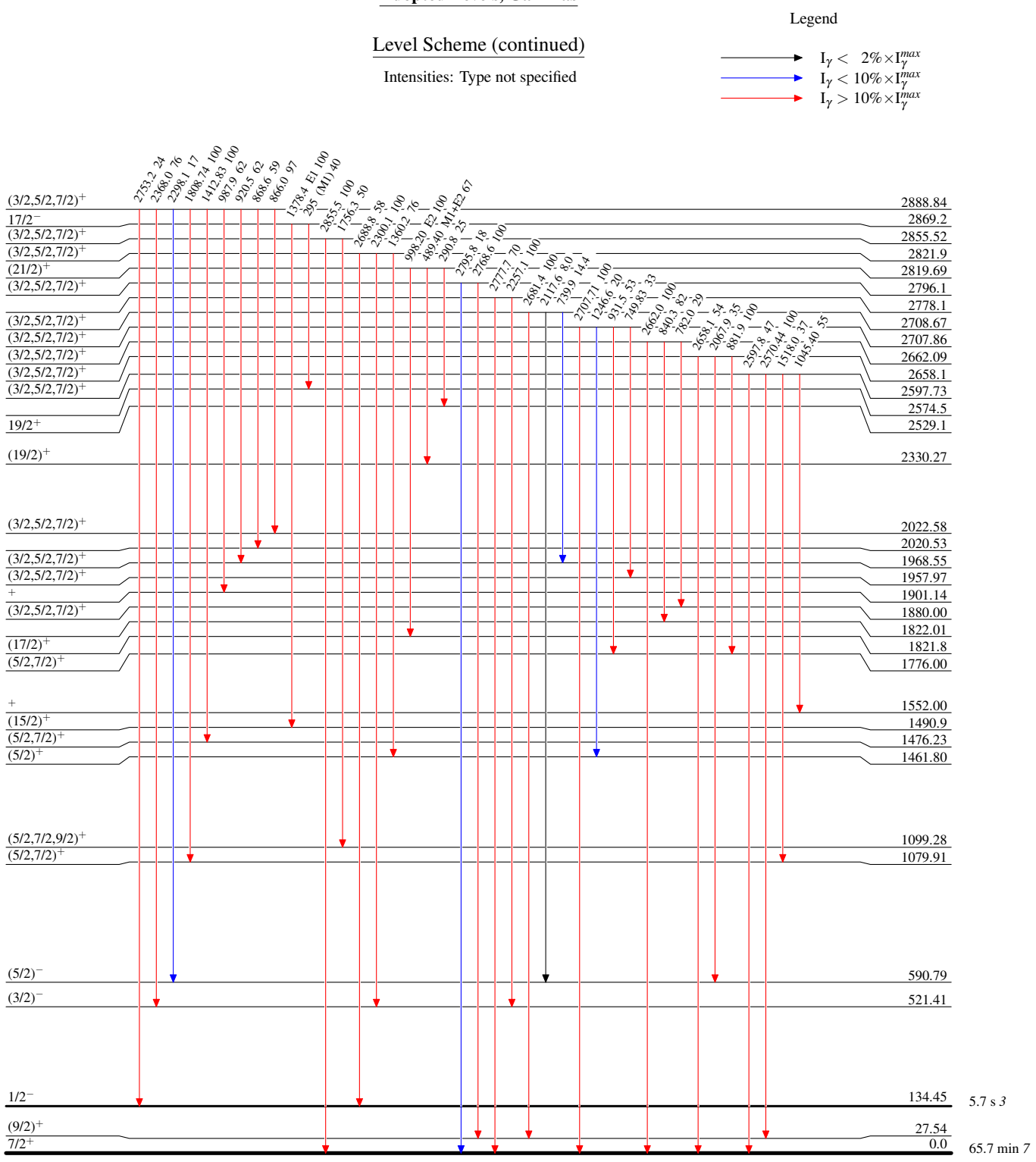


$^{103}_{47}Ag_{56}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified

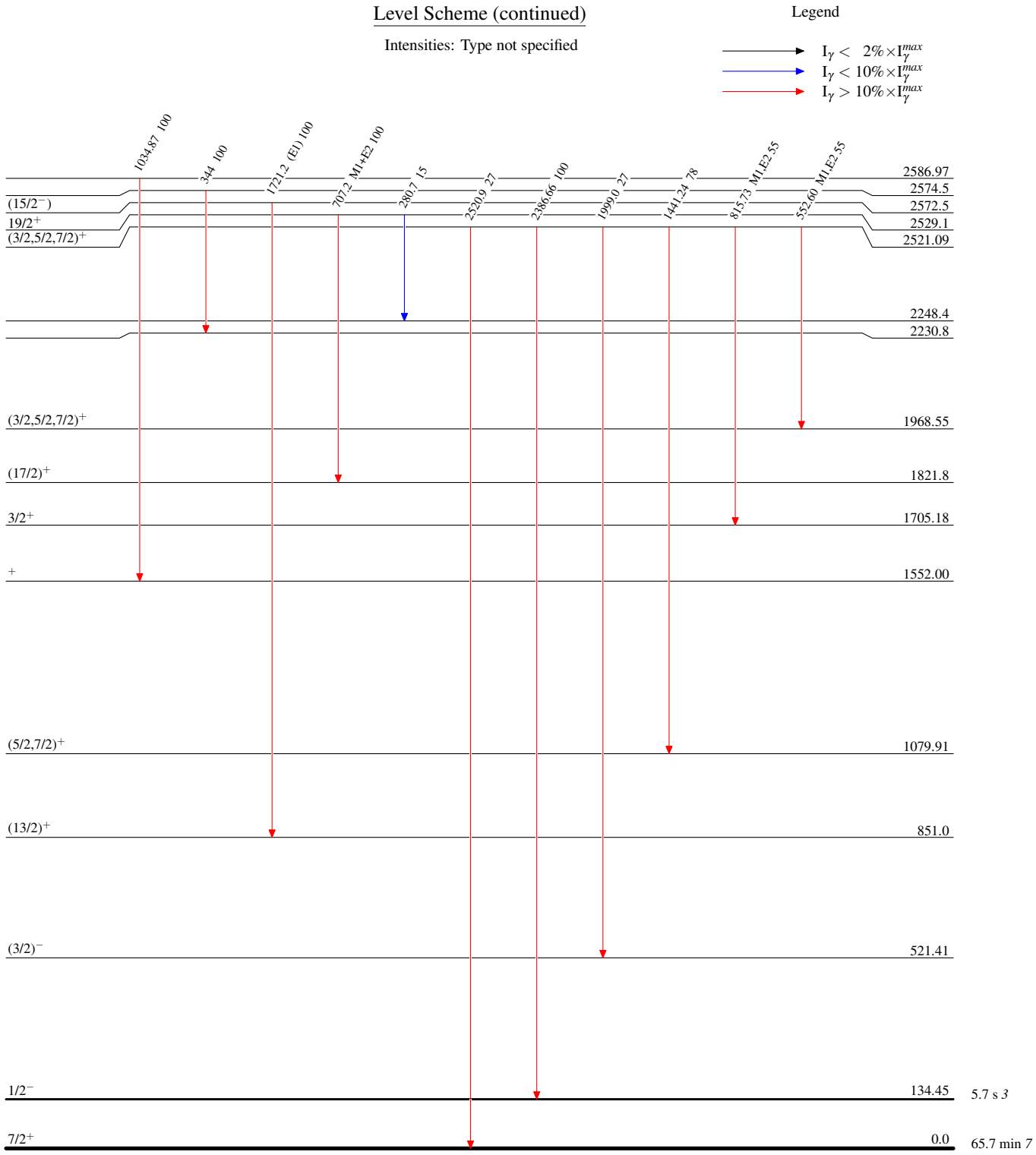


$^{103}_{47}Ag_{56}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified

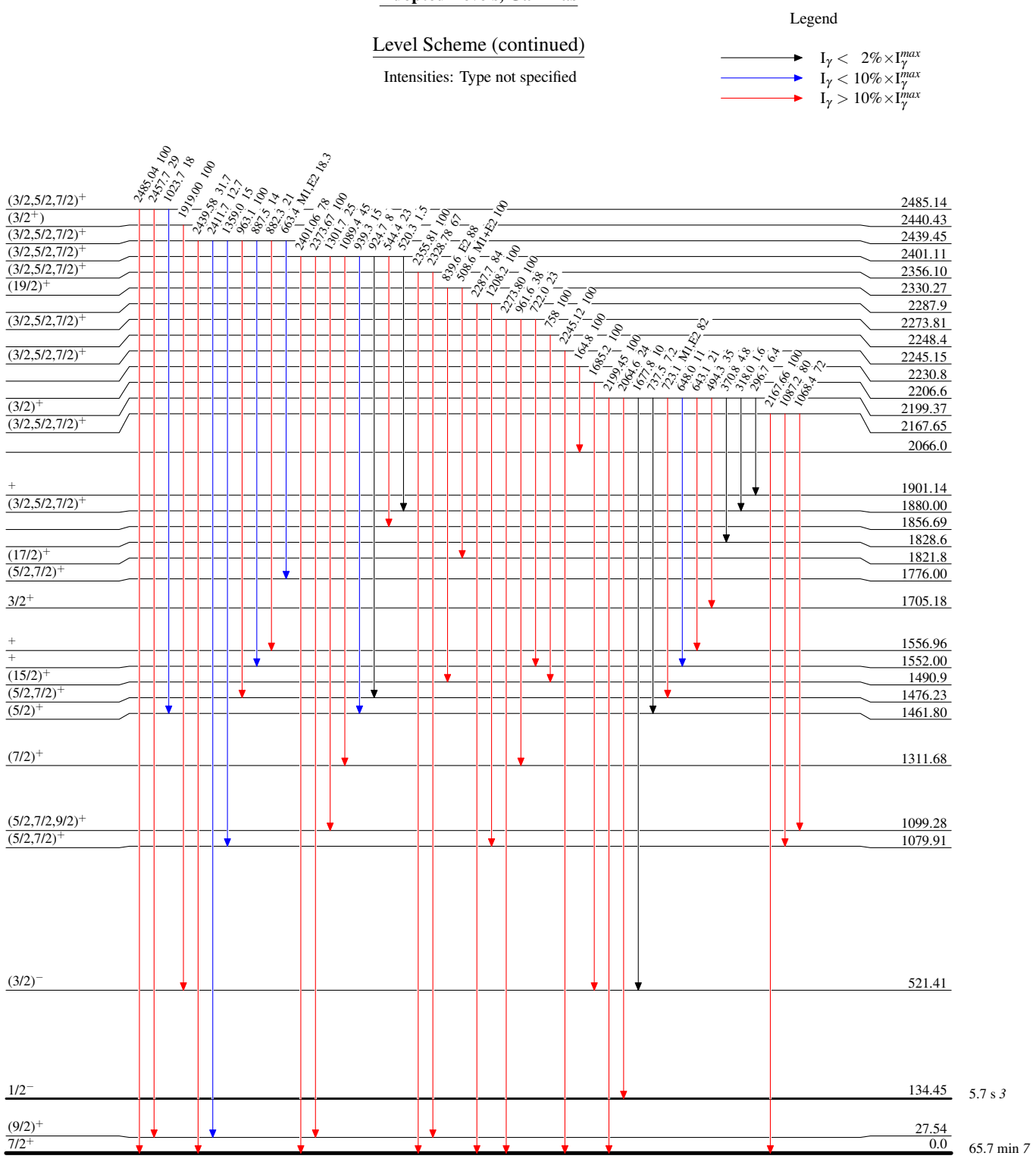


$^{103}_{47}Ag_{56}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified

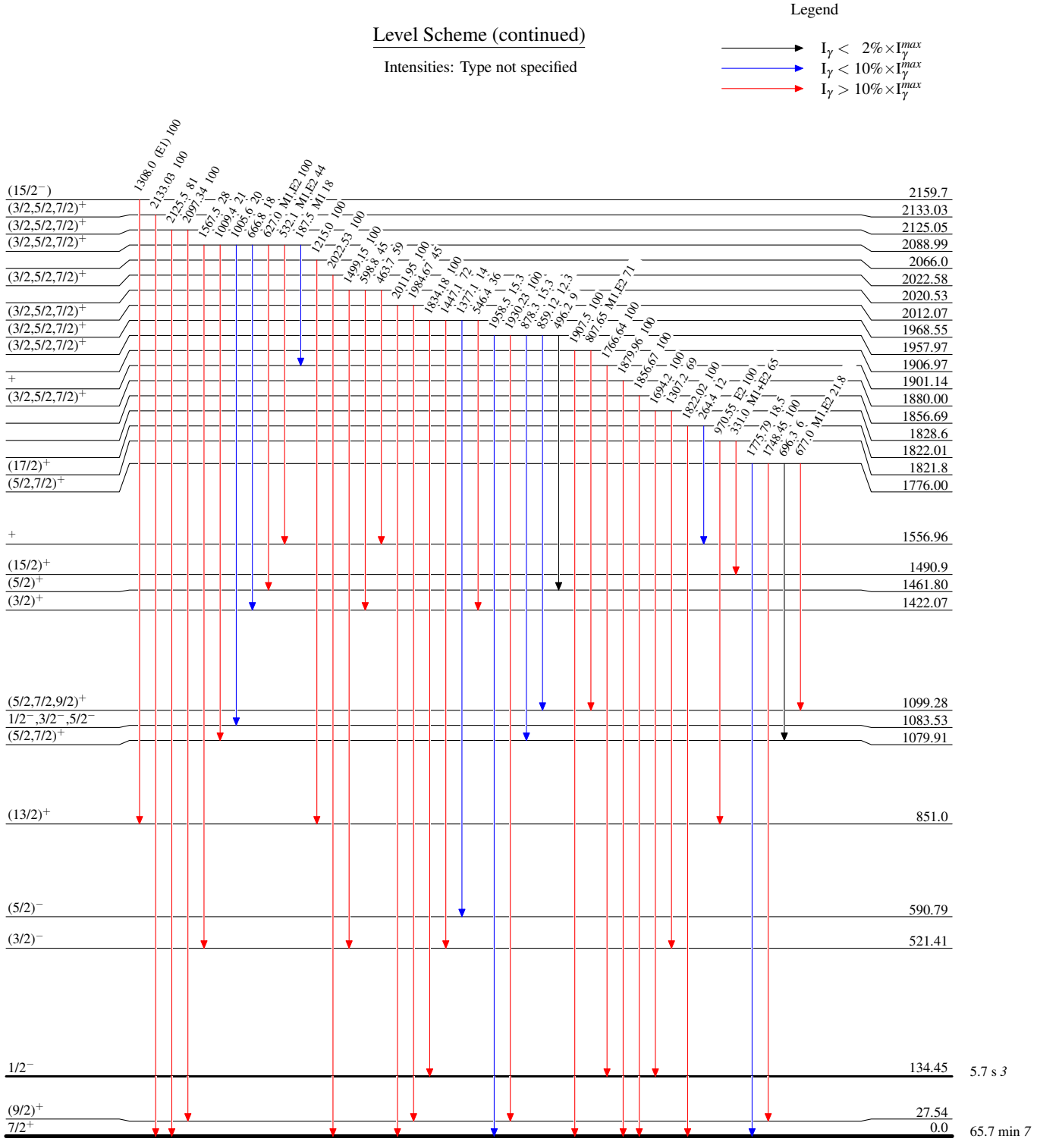


$^{103}_{47}Ag_{56}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified

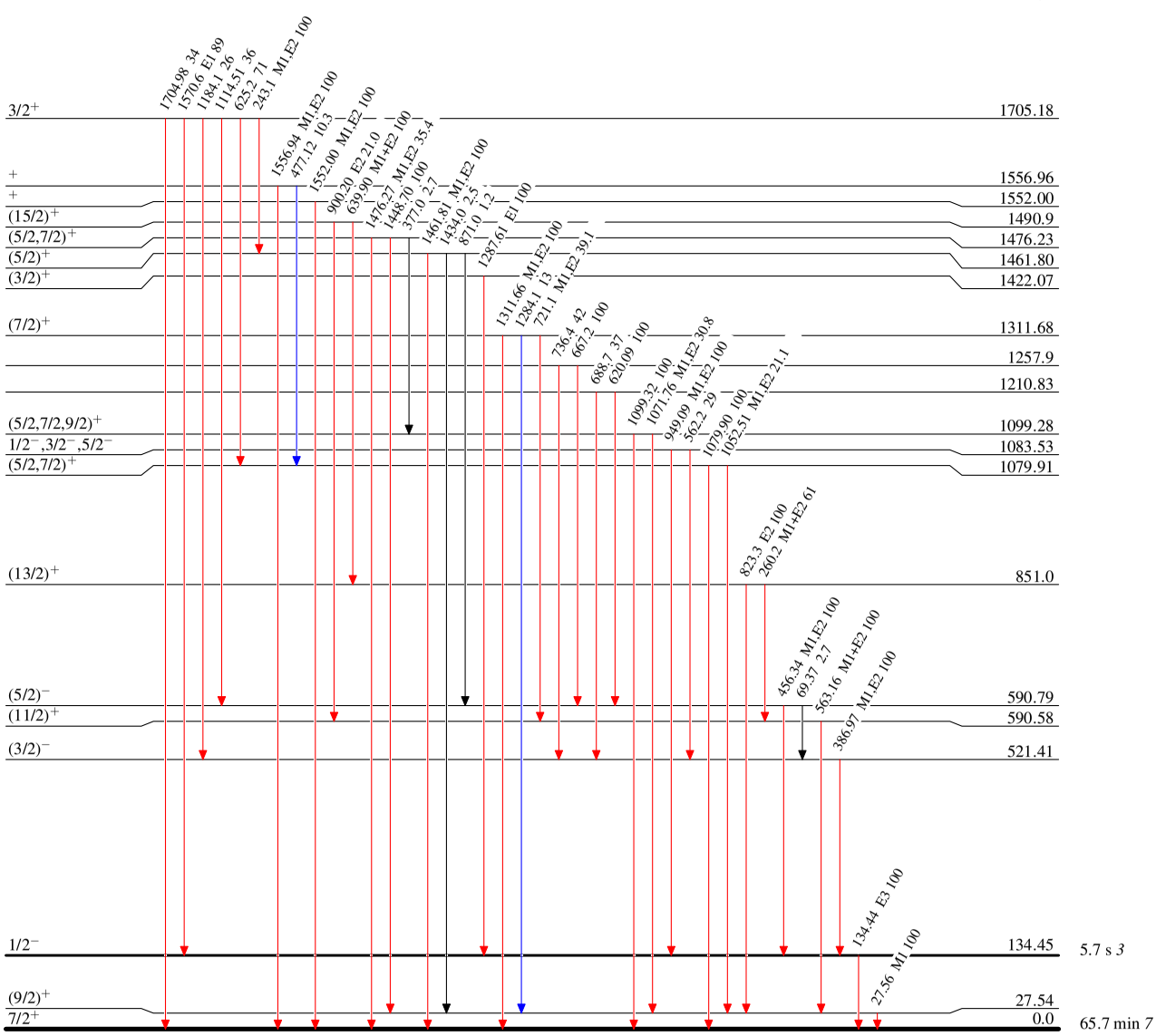


$^{103}_{47}Ag_{56}$

Adopted Levels, Gammas

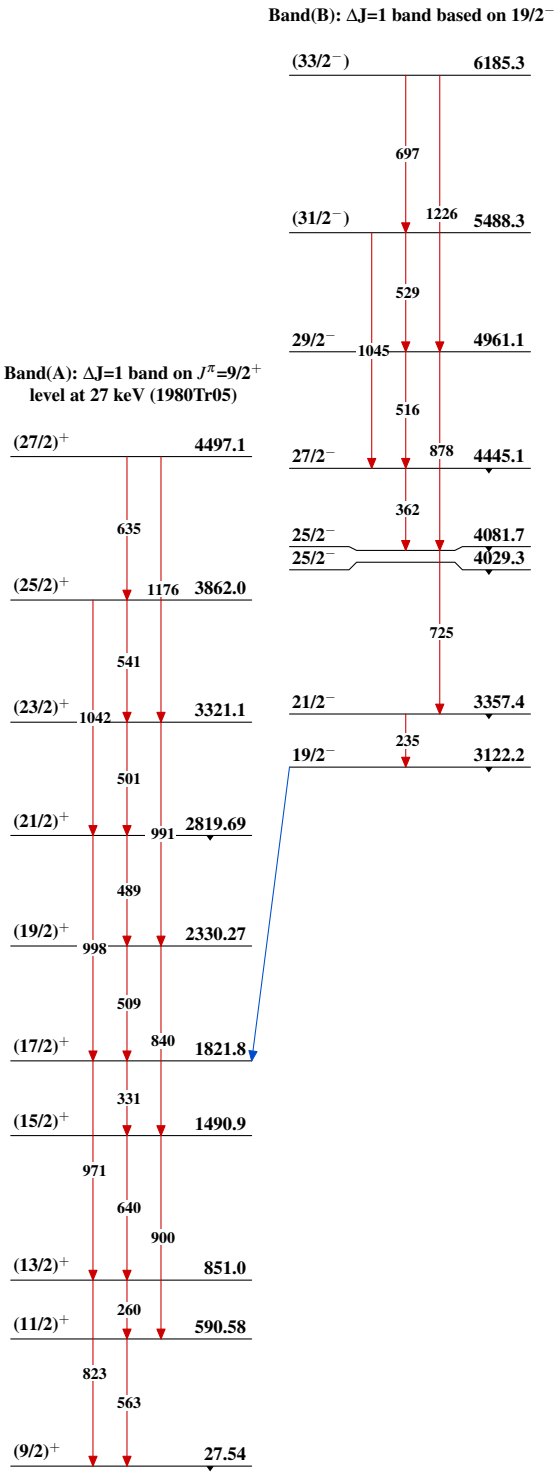
Level Scheme (continued)

Intensities: Type not specified



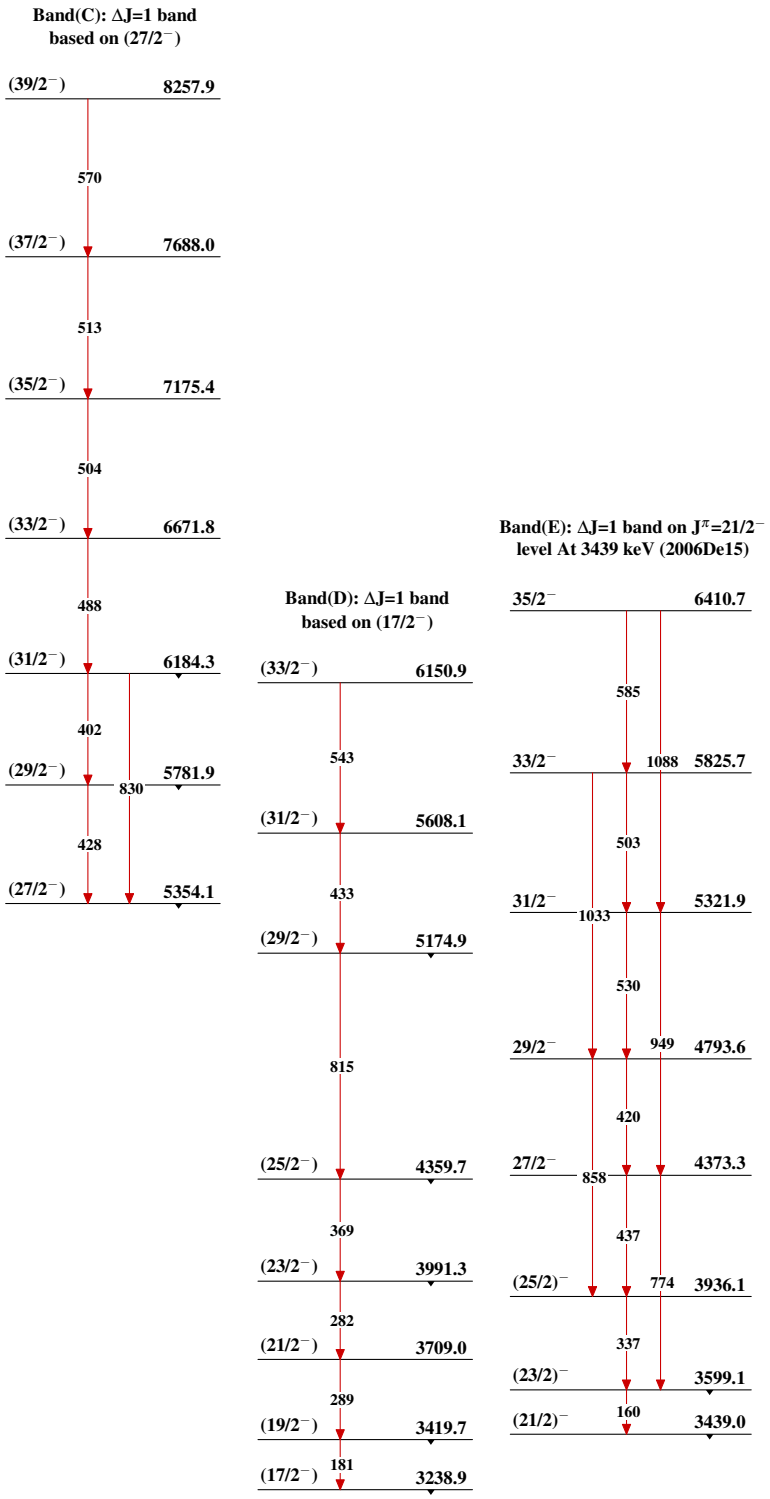
$^{103}_{47}Ag_{56}$

Adopted Levels, Gammas



$^{103}_{47}Ag_{56}$

Adopted Levels, Gammas (continued)



$^{103}_{47}Ag_{56}$