Adopted Levels, Gammas

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	ENSDF	1-Jul-2008

Q(β^-)=1646 *3*; S(n)=7271.41 *17*; S(p)=6523.1 *24*; Q(α)=−3076 *4* 2012Wa38
Note: Current evaluation has used the following Q record 1650 7 *7271.41 176523* 3 −3077 5 2003Au03.
Additional high energy transitions reporting in (n,γ) could be primary transitions defining additional levels above 1200 keV.

^{108}Ag Levels

For unplaced transitions see (p,nγ) and (n,γ) E=th.

Cross Reference (XREF) Flags

A	^{108}Ag IT decay (438 y)	E	^{107}Ag(n,γ) E=2,24 keV: av res
B	^{107}Ag(n,γ) E=th: secondary	F	^{107}Ag(d,p)
C	^{107}Ag(n,γ) E=thermal: primary	G	^{108}Pd(p,nγ)
D	^{107}Ag(n,γ) E=16.3 eV	H	(HI,xnγ)

E(level)†	J$^\pi$&	$T_{1/2}$	XREF	Comments
0.0	1^+	2.382 min *11*	ABCDE G	%β^-=97.15 *20*; %ε+%β^+=2.85 *20* μ=2.6884 *7* J$^\pi$: atomic beam (1976Fu06). π: E1 γ from 2^-. $T_{1/2}$: from wt avg (Lweight program) of 2.353 min *9* (1992KaZM), 2.37 min *1* (1974Ry01), 2.38 min *3* (1971Jo07), 2.41 min *2* (1965Eb01), 2.42 min *2* (1960Wa10), 2.43 min *5* (1958Gu09). Earlier measurements: 1962Th12, 1957Se19, 1948Pe03, 1948Mo33. μ: from radiative detection of NMR (1989Ra17). E(level): probable configuration=$((\pi\ 1g_{9/2})^{-3}_{7/2+}(\nu\ 2d_{5/2}))1^+$.
79.1401 *23*	2^-	1.2 ns *4*	ABC EFG	J$^\pi$: E1 γ to 1^+. M4 γ from 6^+. π from L(d,p)=2. $T_{1/2}$: from $\gamma\gamma$(t) in (n,γ). $T_{1/2\ 1/2}$<1 ns from ceγ(t) in ^{108}Ag it decay.
109.466 *7*	6^+	438 y *9*	AB H	%IT=8.7 *9*; %ε+%β^+=91.3 *9* Q=+1.32 *7*; μ=3.580 *20* J$^\pi$: optical hyperfine structure pattern (1975Fi07). π from M4 γ to 2^-. $T_{1/2}$: from 2004Sc04. 2004Sc04 has followed the decay by using a ionization chamber for about 20 years.Others: 310 y *132* (1969Vo11), 127 y *21*(1970Ha32), 418 y *15* (1992Sc25). μ: : from optical interference spectroscopy of hyperfine structure (1989Ra17). Q: from 1984Be53. J^π:Δ<r^2>(^{108}Ag−^{107}Ag)=0.022 *3* fm^2, (^{110}Ag-^{108}Ag)=0.152 *10* fm^2 (1975Fi07) where the ^{110}Ag level referred to is the isomer. E(level): probable configuration=$((\pi\ 1g_{9/2})^{-3}_{7/2+}(\nu\ 2d_{5/2}))6^+$.
155.900 *7*	5^+,6^+		B	J$^\pi$: see 598 level.
193.073 *3*	1^+	<0.5 ns	BCDE G	J$^\pi$: E1 γ to 2^-. Fed in (n,γ) from 0^-.
206.614 *3*	2^+	<0.2 ns	BC E G	J$^\pi$: M1 γ to 1^+. $\gamma(\theta)$ in (p,nγ).
215.382 *4*	3^+	45.8 ns *7*	B FGH	μ=+3.888 *15* (1989Ra17) J$^\pi$: E1 γ to 2^-. $\gamma(\theta)$ and excitation function in (p,nγ). $T_{1/2}$: from p,γ(t) in (p,nγ). Other: 50 ns *3* (n,γ). μ: from $\gamma(\theta$,H,t) in (p,nγ).
286.7?‡ *5*			G	
290.18 *23*			H	
294.560 *3*	2^+	<0.14 ns	BC E G	J$^\pi$: M1 γ's to 1^+ and 2^+. $\gamma(\theta)$ in (p,nγ).
324.497 *4*	3^+		B G	J$^\pi$: M1 γ to 2^+. $\gamma(\theta)$ in (p,nγ).
331.6 *5*			G	

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Adopted Levels, Gammas (continued)

^{108}Ag Levels (continued)

E(level)[†]	Jπ[&]	$T_{1/2}$	XREF	Comments
338.420 *4*	3^-	<0.11 ns	BC EFG	Jπ: M1 γ to 2^-. γ(θ) in (p,nγ).
364.237 *5*	$3^+,4^+$		B G	Jπ: M1+E2 γ to 3^+. Not fed in av res (n,γ).
364.97 *19*			H	
374.56 *15*	(7^+)		H	
379.242 *4*	1^-	<0.14 ns	BCDEFG	Jπ: M1 γ to 2^-. L(d,p)=0.
408.365 *4*	3^+	<0.14 ns	B	Jπ: M1 γ to 2^+. Not fed in av res (n,γ).
419.6 *3*			H	
438.71 *23*	(6^-)		H	
452.0? *9*			G	
465.640 *5*	0^-		BC EFG	Jπ: L(d,p)=0. Av res (n,γ).
471.848 *5*	$3^+,4^+$		B	Jπ: M1 γ to 3^+, not observed in av res (n,γ).
485.070 *6*	$4^-,5^-$		B	Jπ: E1. See 598 level.
497.25[c] *19*	(7^-)		H	
508.476 *4*	2^-	<0.2 ns	BC E G	Jπ: E1 γ to 1^+. M1 γ to 3^-.
516.843 *4*	3^-	<0.14 ns	B EF	Jπ: M1 γ to 3^-. Av res (n,γ).
522.47[g] *17*	(6^+)		H	
532.95 *23*	(8^-)		H	
537.5 *5*			G	
542.847 *5*	3^-		B EFG	Jπ: M1 γ to 3^-. L(d,p)=2. Av res (n,γ).
563.813 *4*	2^+	<0.14 ns	BC E G	Jπ: M1 γ's to 2^+, 3^+. Av res (n,γ).
579.110 *7*	$0^-,2^-$		BC E	Jπ: E2 γ to 2^-. Av res (n,γ).
587.375 *5*	$(4)^-$		B F	Jπ: M1 γ to $(4,5)^-$. γ to 3^-. No γ to 6^+. Not seen in av res (n,γ).
598.664 *5*	$4^-,3^-$		B	Jπ: M1-E1-M1 cascade to 6^+ via 485 and 156 levels, and γ to 2^- establisher $J^\pi(598)=3^-,4^-$, $J^\pi=(156)=5^+,6^+$, and $J^\pi(485)=4^-,5^-$.
606.533 *5*	1^-		BC EFG	Jπ: M1+E2 γ to 1^-. E1 γ to 2^+. Av res (n,γ).
611.659 *5*	$2^+,3^+$		B E	E(level): av res (n,γ) data give $J^\pi=0^-,2^-$, which suggests probable presence of a π=− level at this energy. No evidence for such a level is seen in the secondary (n,γ) data. Jπ: M1 γ to 2^+, M1 γ to 3^+.
615.708 *6*	3^+		B	Jπ: M1 γ to 3^+. Not observed in av res (n,γ).
616.942 *4*	2^-		BC E	Jπ: M1 γ to 3^-. E1 γ to 1^+.
645.499 *6*	$(3)^+$		B	Jπ: M1,E2 γ to 2^+. Not fed in av res (n,γ). γ to 2^-.
656.325 *22*	3^-		B F	Jπ: L(d,p)=4 for E=655 *4*. γ to 2^+.
656.651 *7*	$3^+,4^+$		B	Jπ: M1 γ to 3^+. Not fed in av res (n,γ).
674.7 *5*			G	
679.093 *7*	1^-		BCDEF	Jπ: L(d,p)=0. Fed in (n,γ) from 0^-.
686.7[c] *3*	(9^-)		H	
698.8 *7*			G	
703.592 *8*	$3^-,4^-$		B f	XREF: f(713). Jπ: M1,E2 γ to 3^-. γ to 2^-. Not fed in av res (n,γ).
705.695 *7*	$1^-,2^-$		BC E G	Jπ: M1,E2 γ to 2^-. γ to 0^-. Av res (n,γ) suggests $J^\pi=1^-,2^-,3^-$ for 705.7 + 708.8.
708.838 *4*	$(2)^-$		B E	Jπ: M1 γ to 2^-. γ to $(4)^-$. Av res (n,γ) suggests $J^\pi=1^-,2^-,3^-$ for 705.7 + 708.8. Mult(121γ)=M1(+E2) is in conflict with ΔJ=2 placement.
715.815 *8*	$1^-,2^-$		B Ef	XREF: f(713). Jπ: M1 γ to 2^-. γ to 1^+. Av res (n,γ).
719.359 *6*	$1^-,2^-$		B Ef	XREF: f(713). Jπ: E2 γ to 3^-. Av res (n,γ) gives $1^-,2^-$.
733.50 *20*	(7^+)		H	
765.467 *5*	2^-		B EF	Jπ: M1,E2 γ to 3^-. Av res (n,γ).
779.726 *7*	$(2,3)^-$		B	Jπ: M1 γ to 3^-. γ to 2^+. Absence in av res (n,γ) suggests 3^- in preference to 2.
799.687 *6*	3^-		B	Jπ: M1 γ to 4^-. M1 γ connects 974 and 799 levels.
800.22[g] *22*	(7^+)		H	
803.734 *7*	2^-		BC EF	Jπ: av res (n,γ). L(d,p)=2.
808.68[f] *20*	(8^+)		H	
819.114 *11*	2^-		BC EF	Jπ: M1,E2 γ to 1^-. Av res (n,γ). γ to 3^+.

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Adopted Levels, Gammas (continued)

^{108}Ag Levels (continued)

E(level)[†]	Jπ[&]	XREF	Comments
858.379 *7*	(2,3)$^{-}$[a]	B ef	XREF: f(856). γ′s to Γ and (4)$^{-}$. M1 γ to π=−.
858.45 *3*	(2,3,4^{+})[a]	B ef	XREF: f(856). γ′s to 2^{+},3^{+} and 3^{-}, see 858.367 level.
869.291 *9*	3^{+}	B	Jπ: γ′s to 2^{+} and 3^{+}. Not seen in av res (n,γ). γ from 1109 level.
880.606 *15*	2^{+}	BC E	Jπ: γ′s to 1^{+} and 3^{+}. Av res (n,γ).
899.939 *6*	1^{-}	BC EF	Jπ: M1 γ to 2^{-}. L(d,p)=0.
917.71[g] *24*	(8^{+})	H	
942.334 *20*	3^{-}	BC EF	Jπ: from av res (n,γ).
960.148 *7*	2^{-}	BC E	Jπ: from av res (n,γ) and γ to 3^{+}.
967.456 *9*	(3,4^{-})	B	Jπ: γ′s to 2^{-} and (4,5)$^{-}$. Not seen in av res (n,γ).
974.343 *7*	2^{-}	BC EF	Jπ: J^{π}=1^{-},2^{-} from av res (n,γ). M1 γ connects 974 and 799 levels.
993 *4*		F	E(level): possible doublet with L(d,p)=0+2.
1001.800 *10*	1^{+},2^{-}	B E	Jπ: av res (n,γ) data suggest J^{π}=1^{+} and 2^{-},3^{-}, for 1001+1002 doublet. γ to 0^{-} rules out 3^{-}.
1002.596 *12*	1^{+},2^{-}	BC E	Jπ: av res (n,γ) data suggest J^{π}=1^{+} and 2^{-},3^{-}, for 1001+1002 double. γ to 1^{+} rules out 3^{-}.
1012.56 *4*	1^{+},2,3[b]	BC e	γ′s to 2^{-} and 2^{+}, and 3^{+},4^{+}.
1012.738 *9*	2^{-},3^{-}[b]	B e	M1 γ to 3^{-}. γ to 1^{-}.
1013.203 *15*	(1^{+},2,3^{+})[b]	B e	γ′s to 1^{+} and 3^{+}.
1034.415 *11*	3^{+}	B	Jπ: not seen in av res (n,γ) and γ′s to 1^{+} and 3^{+}.
1051.559 *23*	(1^{+})	BCDE	Jπ: γ′s to 1^{+},3^{+} and 3-,4^{-} from the 1051.844 level suggests J^{π}=(2,3^{+}). Decay from the 1051.566 allows J^{π}=0^{+},1,2,3^{+}. Av res (n,γ) suggests a doublet with one member having J^{π}=1^{+} and the other having π=−. Feeding from a 0^{-} resonance suggests J=1 for at least one member of the doublet. L(d,p)=(2) for E=1048 *4*. These data are consistent with J^{π}(1051.566)=(1^{+}) and J^{π}(1051.844)=(2^{-}).
1051.829 *16*	(2^{-})	BC EF	Jπ: see 1051.566 level.
1079.217 *7*	2^{-},3^{-},4^{-}	B e	Jπ: M1 γ to 3^{-}. Av res (n,γ) establishes J^{π}=0^{-} or 2^{-} for either or both 1079.2 and 1079.
1079.823 *19*	2	BC eF	Jπ: γ′s to 1^{+}, 1^{-}, 3^{+}, and 3^{-}. Av res (n,γ) establishes J^{π}=0^{-} or 2^{-} for either or both 1079.2 and 1079.8.
1090.1[c] *3*	(10^{-})	H	
1096.52[e] *21*	(8^{+})	H	
1096.852 *24*	(3)$^{+}$	B	Jπ: M1,E2 γ to 2^{+}, γ′s to (2)$^{-}$ and (4,5)$^{-}$.
1106.676 *21*	2^{+}	BC Ef	XREF: f(1109). Jπ: from av res (n,γ), γ to 3^{+}.
1109.306 *9*	3^{+}	B f	XREF: f(1109). Jπ: not seen in av res (n,γ), γ′s to 2^{+}, 2^{-}, and 3^{+}.
1112.25 *3*	1^{+}	BCDEf	XREF: f(1109). Jπ: av res (n,γ).
1137 *4*		B F	
1143.93 *3*	1^{+}	BC	Jπ: populated by primary γ from 0^{-} resonance (n,γ). γ′s to 1^{+} and to 3^{+}.
1170 *4*		F	
1176.48 *5*	1,2	B	Jπ: depopulating γ′s consistent with 1,2.
1201.0 *4*	(0^{-},1^{-})	F	Jπ: L(d,p)=(0) for E=1198 *4*.
1231.7 *5*	1[@]	D	
1278.5[#] *8*	1[@]	D	
1282.0 *5*		F	
1314.2[#] *7*	1[@]	D	
1335 *4*		F	
1352 *4*		F	
1356.3 *5*	1[@]	D	
1370.4[e] *3*	(9^{+})	H	

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Adopted Levels, Gammas (continued)

^{108}Ag Levels (continued)

E(level)†	Jπ&	XREF	Comments
1373 *4*		F	
1416.4 *10*		F	XREF: F(1394).
1422.5 *6*	1@	D	
1429 *4*		F	
1434.6c *3*	(11−)	H	
1462.3 *6*	1@	D	
1468 *4*		F	
1488.16g *24*	(9+)	H	
1491.1 *15*		F	
1541.3 *3*		F	
1568.5 *5*	(1−,2−,3−)	F	Jπ: L(d,p)=2 for E=1568.
1605 *4*		F	
1624 *4*		F	
1641.0d *3*	(10−)	H	
1644 *4*		F	
1668.1f *4*	(9+)	H	
1672.2g *3*	(10+)	H	
1711.3 *5*		F	
1739		F	
1756.6 *5*		F	
1779 *4*		F	
1785.9f *4*	(10−)	H	
1808.2 *5*		F	
1826.76 *23*		F	
1888 *4*		F	
1941.3c *3*	(12−)	H	
1988 *4*		F	
2005 *4*		F	
2022 *4*		F	
2062.4e *3*	(10+)	H	
2083 *4*		F	
2096 *4*		F	
2119 *4*		F	
2143.0 *3*	(11−)	H	
2165 *4*		F	
2201 *4*		F	
2240 *4*		F	
2261 *4*		F	
2274.3d *4*	(11−)	H	
2289 *4*		F	
2302.3 *4*	(11−)	H	
2336 *4*		F	
2362 *4*		F	
2369.2g *3*	(11+)	H	
2369.5e *3*	(11+)	H	
2424.6h *3*	(11+)	H	
2429 *4*		F	
2443.0c *4*	(13−)	H	
2499 *4*		F	
2536.3d *3*	(12−)	H	
2618 *4*		F	
2666.5g *3*	(12+)	H	
2673.7h *3*	(12+)	H	

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Adopted Levels, Gammas (continued)

^{108}Ag Levels (continued)

E(level)†	Jπ&	XREF	E(level)†	Jπ&	XREF	E(level)†	Jπ&	XREF
2707 *4*		F	2906.9[h] *3*	(13+)	H	3605.7[d] *6*	(15−)	H
2709.1[f] *5*	(11−)	H	2993.8[c] *4*	(14−)	H	3870.3[h] *4*	(16+)	H
2728 *4*		F	3170.2[h] *3*	(14+)	H	4090.6[c] *4*	(16−)	H
2779 *4*		CD F	3187.8[d] *5*	(14−)	H	4179.5[d] *6*	(16−)	H
2847.0[d] *4*	(13−)	H	3492.4[h] *4*	(15+)	H	4310.6[h] *4*	(17+)	H
2903.2[f] *5*	(12−)	H	3558.2[c] *4*	(15−)	H			

† From (n,γ) E=thermal, except where noted otherwise. Note that E=79.131 *3* from the 79 level as measured in ^{108}Ag it Decay compared with Eγ=79.138 *3* in (n,γ).
‡ Level is defined by a 286.7 *5* transition to g.s. There is an unplaced 286.669 *13* transition in (n,γ).
# From (n,γ) E=16.3 eV.
@ Fed by primary from 0^- resonance.
& For levels without comments, the J^π are based on proposed band structure and DCO ratios.
[a] L(d,p)=2 for E=856 *4*. A weak γ in av res (n,γ) to one of these levels is consistent with $J^\pi=1^-,2^-$.
[b] Av res (n,γ) suggests $J^\pi=1^-,2^-$ for at least one of the levels at 1012.7 or 1013.2.
[c] Band(A): band 1.
[d] Band(B): band 2.
[e] Band(C): band 3.
[f] Band(D): band 4.
[g] Band(E): band 5.
[h] Band(F): band 6.

Adopted Levels, Gammas (continued)

$\gamma(^{108}Ag)$

E_i(level)	J_i^π	E_γ[†]	I_γ[‡]	E_f	J_f^π	Mult.[#]	δ[#]	α[a]	Comments
79.1401	2^-	79.138 *3*	100	0.0	1^+	E1[@]		0.311	α(K)=0.270 *4*; α(L)=0.0336 *5*; α(M)=0.00634 *9*; α(N)=0.001069 *15* α(O)=4.14×10^{-5} *6*; α(N+..)=0.001110 *16* B(E1)(W.u.)=0.00050 *17*
109.466	6^+	30.332 *8*	100	79.1401	2^-	M4[@]		4.31×10^5	α(K)=1.110×10^4 *16*; α(L)=3.24×10^5 *5*; α(M)=8.20×10^4 *12*; α(N)=1.312×10^4 *19* α(O)=121.2 *17*; α(N+..)=1.324×10^4 *19* B(M4)(W.u.)=5.3×10^3 *6* E_γ: from E(level) difference. Not seen in (n,γ). E=30.38 *6* from ^{108}Ag it decay.
155.900	5^+,6^+	46.435 *3*	100	109.466	6^+	M1+E2	0.43 *10*	6.7 *12*	α(K)=4.6 *6*; α(L)=1.7 *6*; α(M)=0.34 *11*; α(N)=0.054 *17*; α(O)=0.00076 *6* α(N+..)=0.055 *17*
193.073	1^+	113.931 *2*	2.3 *2*	79.1401	2^-	E1		0.1101	α(K)=0.0958 *14*; α(L)=0.01164 *17*; α(M)=0.00220 *3*; α(N)=0.000373 *6* α(O)=1.529×10^{-5} *22*; α(N+..)=0.000389 *6* B(E1)(W.u.)>9.1×10^{-6}
		193.077 *6*	100 *5*	0.0	1^+	M1+E2	−0.21 *5*	0.0718 *18*	α(K)=0.0622 *15*; α(L)=0.0078 *3*; α(M)=0.00149 *6*; α(N)=0.000257 *9* α(O)=1.153×10^{-5} *23*; α(N+..)=0.000268 *9* B(M1)(W.u.)>0.0056; B(E2)(W.u.)>3.1 δ: from p,$\gamma(\theta)$ in (p,nγ).
206.614	2^+	127.474 *6*	0.20 *3*	79.1401	2^-	[E1]		0.0798	α(K)=0.0696 *10*; α(L)=0.00841 *12*; α(M)=0.001586 *23*; α(N)=0.000270 *4* α(O)=1.122×10^{-5} *16*; α(N+..)=0.000281 *4* B(E1)(W.u.)>1.4×10^{-6}
		206.612 *7*	100 *6*	0.0	1^+	M1		0.0574	α(K)=0.0500 *7*; α(L)=0.00609 *9*; α(M)=0.001159 *17*; α(N)=0.000201 *3* α(O)=9.37×10^{-6} *14*; α(N+..)=0.000210 *3* B(M1)(W.u.)>0.012 δ: 0.000 *18* from $\gamma(\theta)$ in (n,γ).
215.382	3^+	136.241 *6*	2.23 *17*	79.1401	2^-	E1		0.0660	α(K)=0.0575 *8*; α(L)=0.00693 *10*; α(M)=0.001308 *19*; α(N)=0.000223 *4* α(O)=9.34×10^{-6} *13*; α(N+..)=0.000232 *4* B(E1)(W.u.)=5.6×10^{-8} *6*
		215.381 *7*	100 *6*	0.0	1^+	E2		0.0955	α(K)=0.0800 *12*; α(L)=0.01271 *18*; α(M)=0.00245 *4*; α(N)=0.000408 *6* α(O)=1.295×10^{-5} *19*; α(N+..)=0.000421 *6* B(E2)(W.u.)=0.85 *8*

$^{108}_{47}Ag_{61}$-6

Adopted Levels, Gammas (continued)

$\gamma(^{108}Ag)$ (continued)

E_i(level)	J_i^π	E_γ [†]	I_γ [‡]	E_f	J_f^π	Mult.[#]	δ[#]	α[a]	Comments
									Mult.: E2(+M1) from conversion data but M1 ruled out by ΔJ.
286.7?		286.7 *5*	100	0.0	1^+				
290.18		75.5 *3*	100	215.382	3^+				
294.560	2^+	87.944 *4*	1.03 *9*	206.614	2^+	M1(+E2)	≤0.2	0.64 *4*	α(K)=0.546 *24*; α(L)=0.073 *9*; α(M)=0.0140 *17*; α(N)=0.0024 *3* α(O)=0.000101 *3*; α(N+..)=0.0025 *3* B(M1)(W.u.)>0.0019
		101.483 *3*	21.5 *12*	193.073	1^+	M1		0.402	α(K)=0.349 *5*; α(L)=0.0434 *6*; α(M)=0.00826 *12*; α(N)=0.001428 *20* α(O)=6.58×10^{-5} *10*; α(N+..)=0.001494 *21* B(M1)(W.u.)>0.026
		294.563 *9*	100 *8*	0.0	1^+	M1+E2	+0.07 *5*	0.0228	α(K)=0.0199 *3*; α(L)=0.00240 *4*; α(M)=0.000456 *7*; α(N)=7.90×10^{-5} *12* α(O)=3.71×10^{-6} *6*; α(N+..)=8.27×10^{-5} *13* B(M1)(W.u.)>0.0050 δ: from γ(θ) in (p,nγ).
324.497	3^+	117.886 *4*	100 *5*	206.614	2^+	M1		0.265	α(K)=0.230 *4*; α(L)=0.0284 *4*; α(M)=0.00541 *8*; α(N)=0.000936 *14* α(O)=4.33×10^{-5} *6*; α(N+..)=0.000980 *14* δ: +0.017 *18* from γ(θ) in (p,nγ).
		324.493 *12*	1.43 *10*	0.0	1^+	E2[&]		0.0240	α(K)=0.0204 *3*; α(L)=0.00287 *4*; α(M)=0.000549 *8*; α(N)=9.28×10^{-5} *13* α(O)=3.47×10^{-6} *5*; α(N+..)=9.63×10^{-5} *14*
331.6		331.6 *5*		0.0	1^+				
338.420	3^-	131.806 *6*	0.60 *8*	206.614	2^+	[E1]		0.0726	α(K)=0.0632 *9*; α(L)=0.00763 *11*; α(M)=0.001440 *21*; α(N)=0.000245 *4* α(O)=1.024×10^{-5} *15*; α(N+..)=0.000256 *4* B(E1)(W.u.)>7.1×10^{-6}
		259.279 *8*	100 *8*	79.1401	2^-	M1(+E2)	≤0.6	0.034 *3*	α(K)=0.0296 *21*; α(L)=0.0037 *4*; α(M)=0.00071 *8*; α(N)=0.000122 *13* α(O)=5.4×10^{-6} *3*; α(N+..)=0.000128 *13* B(M1)(W.u.)>0.0084
364.237	3^+,4^+	148.855 *5*	100	215.382	3^+	M1+E2	0.4 *1*	0.168 *14*	α(K)=0.143 *11*; α(L)=0.0202 *25*; α(M)=0.0039 *5*; α(N)=0.00066 *8* α(O)=2.56×10^{-5} *14*; α(N+..)=0.00068 *8*
364.97		75.5 *3*		290.18					
		255.4 *3*	100	109.466	6^+				
374.56	(7^+)	265.3 *3*	100	109.466	6^+				
379.242	1^-	172.625 *7*	0.49 *6*	206.614	2^+	[E1]		0.0337	α(K)=0.0294 *5*; α(L)=0.00351 *5*; α(M)=0.000663 *10*; α(N)=0.0001134 *16* α(O)=4.87×10^{-6} *7*; α(N+..)=0.0001183 *17* B(E1)(W.u.)>1.9×10^{-6}
		186.167 *7*	2.37 *18*	193.073	1^+	[E1]		0.0272	α(K)=0.0237 *4*; α(L)=0.00283 *4*; α(M)=0.000535 *8*; α(N)=9.16×10^{-5} *13* α(O)=3.96×10^{-6} *6*; α(N+..)=9.55×10^{-5} *14* B(E1)(W.u.)>7.5×10^{-6}

$^{108}_{47}Ag_{61}$-7

Adopted Levels, Gammas (continued)

γ(^{108}Ag) (continued)

E_i(level)	J_i^π	E_γ †	I_γ ‡	E_f	J_f^π	Mult.#	δ#	α[a]	Comments
379.242	1⁻	300.101 *9*	100 *8*	79.1401	2⁻	M1+E2	+0.11 *7*	0.0218 *4*	α(K)=0.0190 *3*; α(L)=0.00230 *5*; α(M)=0.000436 *9*; α(N)=7.56×10^{-5} *14* α(O)=3.54×10^{-6} *6*; α(N+..)=7.91×10^{-5} *15* B(M1)(W.u.)>0.0054 δ: from γ(θ) in (p,nγ).
		379.250 *14*	2.00 *15*	0.0	1⁺	[E1]		0.00398	α(K)=0.00348 *5*; α(L)=0.000408 *6*; α(M)=7.71×10^{-5} *11*; α(N)=1.329×10^{-5} *19* α(O)=6.06×10^{-7} *9*; α(N+..)=1.390×10^{-5} *20* B(E1)(W.u.)>7.4×10^{-7}
408.365	3⁺	113.800 *4*	100 *6*	294.560	2⁺	M1		0.292	α(K)=0.253 *4*; α(L)=0.0314 *5*; α(M)=0.00598 *9*; α(N)=0.001034 *15* α(O)=4.77×10^{-5} *7*; α(N+..)=0.001082 *16* B(M1)(W.u.)>0.059
		201.752 *7*	75 *5*	206.614	2⁺	M1(+E2)	≤0.2	0.0623 *15*	α(K)=0.0541 *12*; α(L)=0.00668 *21*; α(M)=0.00127 *4*; α(N)=0.000220 *7* α(O)=1.010×10^{-5} *19*; α(N+..)=0.000230 *7* B(M1)(W.u.)>0.0076
		408.369 *16*	6.3 *4*	0.0	1⁺	[E2]		0.01156	α(K)=0.00993 *14*; α(L)=0.001327 *19*; α(M)=0.000253 *4*; α(N)=4.31×10^{-5} *6* α(O)=1.719×10^{-6} *24*; α(N+..)=4.48×10^{-5} *7* B(E2)(W.u.)>0.40
419.6		54.8 *3*	100	364.97					
438.71	(6⁻)	329.2 *3*	100	109.466	6⁺				
465.640	0⁻	272.565 *9*	17.6 *13*	193.073	1⁺				
		386.505 *14*	22.3 *16*	79.1401	2⁻	E2&		0.01371	α(K)=0.01176 *17*; α(L)=0.001588 *23*; α(M)=0.000303 *5*; α(N)=5.15×10^{-5} *8* α(O)=2.03×10^{-6} *3*; α(N+..)=5.36×10^{-5} *8*
		465.650 *16*	100 *7*	0.0	1⁺	E1		0.00239	α(K)=0.00209 *3*; α(L)=0.000244 *4*; α(M)=4.61×10^{-5} *7*; α(N)=7.96×10^{-6} *12* α(O)=3.67×10^{-7} *6*; α(N+..)=8.33×10^{-6} *12*
471.848	3⁺,4⁺	147.349 *5*	100	324.497	3⁺	M1		0.1429	α(K)=0.1241 *18*; α(L)=0.01529 *22*; α(M)=0.00291 *4*; α(N)=0.000503 *7* α(O)=2.33×10^{-5} *4*; α(N+..)=0.000527 *8*
485.070	4⁻,5⁻	329.179 *11*	100	155.900	5⁺,6⁺	E1		0.00573	α(K)=0.00501 *7*; α(L)=0.000590 *9*; α(M)=0.0001115 *16*; α(N)=1.92×10^{-5} *3* α(O)=8.67×10^{-7} *13*; α(N+..)=2.01×10^{-5} *3*

$^{108}_{47}Ag_{61}$-8

Adopted Levels, Gammas (continued)

γ(^{108}Ag) (continued)

E_i(level)	J_i^π	E_γ †	I_γ ‡	E_f	J_f^π	Mult.#	δ#	α[a]	Comments
497.25	(7⁻)	58.5 *3*	100 *5*	438.71	(6⁻)				
		122.6 *3*	7.2 *17*	374.56	(7⁺)				
		387.5 *3*	44 *3*	109.466	6⁺				
508.476	2⁻	129.232 *4*	13.3 *9*	379.242	1⁻	M1(+E2)	≤0.4	0.23 *3*	α(K)=0.198 *20*; α(L)=0.027 *5*; α(M)=0.0052 *10*; α(N)=0.00088 *16* α(O)=3.6×10^{-5} *3*; α(N+..)=0.00092 *17* B(M1)(W.u.)>0.0025
		170.058 *6*	27.5 *20*	338.420	3⁻	M1(+E2)	≤0.2	0.099 *3*	α(K)=0.0860 *22*; α(L)=0.0107 *5*; α(M)=0.00204 *9*; α(N)=0.000353 *14* α(O)=1.60×10^{-5} *4*; α(N+..)=0.000369 *15* B(M1)(W.u.)>0.0025
		213.911 *8*	4.2 *3*	294.560	2⁺	[E1]		0.0184	α(K)=0.01610 *23*; α(L)=0.00191 *3*; α(M)=0.000361 *5*; α(N)=6.20×10^{-5} *9* α(O)=2.72×10^{-6} *4*; α(N+..)=6.47×10^{-5} *9* B(E1)(W.u.)>2.7×10^{-6}
		301.841 *11*	10.5 *7*	206.614	2⁺	[E1]		0.00721	α(K)=0.00630 *9*; α(L)=0.000743 *11*; α(M)=0.0001404 *20*; α(N)=2.42×10^{-5} *4* α(O)=1.085×10^{-6} *16*; α(N+..)=2.52×10^{-5} *4* B(E1)(W.u.)>2.4×10^{-6}
		429.353 *14*	79 *6*	79.1401	2⁻	M1,E2		0.0094 *6*	α(K)=0.0081 *5*; α(L)=0.00102 *11*; α(M)=0.000195 *21*; α(N)=3.3×10^{-5} *4* α(O)=1.46×10^{-6} *4*; α(N+..)=3.5×10^{-5} *4*
		508.466 *19*	100 *8*	0.0	1⁺	E1		0.00193	α(K)=0.001693 *24*; α(L)=0.000197 *3*; α(M)=3.73×10^{-5} *6*; α(N)=6.44×10^{-6} *9* α(O)=2.98×10^{-7} *5*; α(N+..)=6.74×10^{-6} *10* B(E1)(W.u.)>4.8×10^{-6}
516.843	3⁻	178.424 *6*	100 *6*	338.420	3⁻	M1		0.0850	α(K)=0.0739 *11*; α(L)=0.00905 *13*; α(M)=0.001722 *25*; α(N)=0.000298 *5* α(O)=1.388×10^{-5} *20*; α(N+..)=0.000312 *5* B(M1)(W.u.)>0.019
		192.356 *10*	0.97 *19*	324.497	3⁺	[E1]		0.0248	α(K)=0.0217 *3*; α(L)=0.00258 *4*; α(M)=0.000487 *7*; α(N)=8.35×10^{-5} *12* α(O)=3.62×10^{-6} *5*; α(N+..)=8.71×10^{-5} *13* B(E1)(W.u.)>2.0×10^{-6}
		310.223 *18*	2.4 *3*	206.614	2⁺				
		437.713 *15*	41 *3*	79.1401	2⁻	M1,E2		0.0089 *5*	α(K)=0.0077 *4*; α(L)=0.00097 *10*; α(M)=0.000184 *19*; α(N)=3.2×10^{-5} *3* α(O)=1.38×10^{-6} *3*; α(N+..)=3.3×10^{-5} *3*
522.47	(6⁺)	103.1 *3*	63 *3*	419.6					
		148.2 *3*	100	374.56	(7⁺)				
		157.9 *3*	12 *2*	364.97					
		412.9 *3*	100 *5*	109.466	6⁺				

$^{108}_{47}Ag_{61}$-9

Adopted Levels, Gammas (continued)

γ(^{108}Ag) (continued)

E_i(level)	J_i^π	E_γ †	I_γ ‡	E_f	J_f^π	Mult.#	δ#	α[a]	Comments
532.95	(8⁻)	35.3 *3*	100 *20*	497.25	(7⁻)				
		157.6 *3*	42 *7*	374.56	(7⁺)				
537.5		537.5 *5*	100	0.0	1⁺				
542.847	3⁻	178.614 *13*	2.4 *8*	364.237	3⁺,4⁺	[E1]		0.0306	α(K)=0.0267 *4*; α(L)=0.00319 *5*; α(M)=0.000602 *9*; α(N)=0.0001030 *15* α(O)=4.44×10^{-6} *7*; α(N+..)=0.0001074 *15*
		204.427 *7*	100 *8*	338.420	3⁻	M1(+E2)	≤0.4	0.063 *4*	α(K)=0.054 *4*; α(L)=0.0069 *7*; α(M)=0.00132 *13*; α(N)=0.000226 *21* α(O)=1.00×10^{-5} *5*; α(N+..)=0.000237 *21*
		327.457 *11*	28.1 *20*	215.382	3⁺				
		463.725 *16*	80 *6*	79.1401	2⁻	M1,E2		0.0076 *3*	α(K)=0.00659 *22*; α(L)=0.00082 *7*; α(M)=0.000156 *13*; α(N)=2.69×10^{-5} *20* α(O)=1.186×10^{-6} *17*; α(N+..)=2.81×10^{-5} *20*
563.813	2⁺	155.448 *5*	34.2 *22*	408.365	3⁺	M1		0.1235	α(K)=0.1073 *15*; α(L)=0.01319 *19*; α(M)=0.00251 *4*; α(N)=0.000434 *6* α(O)=2.02×10^{-5} *3*; α(N+..)=0.000455 *7* B(M1)(W.u.)>0.0057
		225.388 *8*	3.16 *24*	338.420	3⁻	[E1]		0.01595	α(K)=0.01392 *20*; α(L)=0.001653 *24*; α(M)=0.000312 *5*; α(N)=5.36×10^{-5} *8* α(O)=2.36×10^{-6} *4*; α(N+..)=5.59×10^{-5} *8* B(E1)(W.u.)>2.4×10^{-6}
		239.319 *8*	100 *6*	324.497	3⁺	M1(+E2)	≤0.3	0.0401 *13*	α(K)=0.0348 *11*; α(L)=0.00430 *20*; α(M)=0.00082 *4*; α(N)=0.000141 *6* α(O)=6.47×10^{-6} *15*; α(N+..)=0.000148 *7* B(M1)(W.u.)>0.0042
		269.249 *9*	50 *3*	294.560	2⁺	M1(+E2)	≤0.6	0.0308 *22*	α(K)=0.0267 *18*; α(L)=0.0034 *4*; α(M)=0.00064 *7*; α(N)=0.000110 *11* α(O)=4.88×10^{-6} *23*; α(N+..)=0.000115 *11* B(M1)(W.u.)>0.0012
		348.423 *13*	6.2 *4*	215.382	3⁺	M1,E2		0.0169 *21*	α(K)=0.0146 *17*; α(L)=0.0019 *4*; α(M)=0.00036 *7*; α(N)=6.2×10^{-5} *11* α(O)=2.60×10^{-6} *19*; α(N+..)=6.5×10^{-5} *11*
		370.742 *13*	16.3 *12*	193.073	1⁺	M1,E2		0.0142 *15*	α(K)=0.0122 *12*; α(L)=0.00158 *25*; α(M)=0.00030 *5*; α(N)=5.1×10^{-5} *8* α(O)=2.18×10^{-6} *13*; α(N+..)=5.4×10^{-5} *8*
		563.818 *20*	40 *3*	0.0	1⁺	M1,E2		0.00453 *8*	α(K)=0.00394 *8*; α(L)=0.000482 *13*; α(M)=9.16×10^{-5} *25*; α(N)=1.58×10^{-5} *4* α(O)=7.1×10^{-7} *3*; α(N+..)=1.65×10^{-5} *4*
579.110	0⁻,2⁻	199.870 *8*	8.5 *9*	379.242	1⁻	[M1,E2]		0.09 *3*	α(K)=0.079 *25*; α(L)=0.012 *6*; α(M)=0.0023 *10*; α(N)=0.00038 *17* α(O)=1.3×10^{-5} *4*; α(N+..)=0.00039 *17*

$^{108}_{47}Ag_{61}$-10

Adopted Levels, Gammas (continued)

γ(^{108}Ag) (continued)

E_i(level)	J_i^π	E_γ [†]	I_γ [‡]	E_f	J_f^π	Mult.[#]	δ[#]	α[a]	Comments
579.110	0⁻,2⁻	386.034 *17*	22 *3*	193.073	1⁺	[E1]		0.00380	α(K)=0.00332 *5*; α(L)=0.000390 *6*; α(M)=7.37×10⁻⁵ *11*; α(N)=1.271×10⁻⁵ *18* α(O)=5.80×10⁻⁷ *9*; α(N+..)=1.329×10⁻⁵ *19*
		499.960 *19*	100 *10*	79.1401	2⁻	E2		0.00631	α(K)=0.00545 *8*; α(L)=0.000703 *10*; α(M)=0.0001340 *19*; α(N)=2.29×10⁻⁵ *4* α(O)=9.57×10⁻⁷ *14*; α(N+..)=2.39×10⁻⁵ *4*
587.375	(4)⁻	102.309	100 *6*	485.070	4⁻,5⁻	M1		0.393	α(K)=0.341 *5*; α(L)=0.0424 *6*; α(M)=0.00807 *12*; α(N)=0.001396 *20* α(O)=6.43×10⁻⁵ *9*; α(N+..)=0.001460 *21*
		248.937 *9*	30.5 *21*	338.420	3⁻	[M1,E2]		0.047 *12*	α(K)=0.040 *10*; α(L)=0.0056 *19*; α(M)=0.0011 *4*; α(N)=0.00018 *6* α(O)=6.9×10⁻⁶ *12*; α(N+..)=0.00019 *6*
598.664	4⁻,3⁻	113.595 *4*	100 *9*	485.070	4⁻,5⁻	M1(+E2)	≤0.2	0.305 *13*	α(K)=0.264 *10*; α(L)=0.034 *3*; α(M)=0.0065 *5*; α(N)=0.00112 *9* α(O)=4.91×10⁻⁵ *13*; α(N+..)=0.00117 *9*
		260.239 *9*	4.4 *3*	338.420	3⁻	[M1,E2]		0.041 *10*	α(K)=0.035 *8*; α(L)=0.0048 *15*; α(M)=0.0009 *3*; α(N)=0.00016 *5* α(O)=6.0×10⁻⁶ *10*; α(N+..)=0.00016 *5*
		274.173 *12*	1.00 *12*	324.497	3⁺	[E1]		0.00933	α(K)=0.00815 *12*; α(L)=0.000963 *14*; α(M)=0.000182 *3*; α(N)=3.13×10⁻⁵ *5* α(O)=1.397×10⁻⁶ *20*; α(N+..)=3.27×10⁻⁵ *5*
		442.83 *6*	0.9 *3*	155.900	5⁺,6⁺				
		519.52 *4*	4.3 *7*	79.1401	2⁻				
606.533	1⁻	140.895 *7*	3.4 *4*	465.640	0⁻	M1		0.1615	α(K)=0.1403 *20*; α(L)=0.01730 *25*; α(M)=0.00329 *5*; α(N)=0.000570 *8* α(O)=2.64×10⁻⁵ *4*; α(N+..)=0.000596 *9*
		227.291 *8*	15.2 *11*	379.242	1⁻	M1+E2	0.6 *3*	0.054 *7*	α(K)=0.046 *6*; α(L)=0.0062 *11*; α(M)=0.00119 *21*; α(N)=0.00020 *4* α(O)=8.2×10⁻⁶ *7*; α(N+..)=0.00021 *4*
		311.962 *11*	17.4 *12*	294.560	2⁺	E1		0.00660	α(K)=0.00577 *8*; α(L)=0.000680 *10*; α(M)=0.0001285 *18*; α(N)=2.21×10⁻⁵ *3* α(O)=9.96×10⁻⁷ *14*; α(N+..)=2.31×10⁻⁵ *4*
		399.924 *14*	33.3 *22*	206.614	2⁺	E1		0.00348	α(K)=0.00304 *5*; α(L)=0.000356 *5*; α(M)=6.74×10⁻⁵ *10*; α(N)=1.162×10⁻⁵ *17* α(O)=5.31×10⁻⁷ *8*; α(N+..)=1.215×10⁻⁵ *17*
		413.49 *4*	2.9 *5*	193.073	1⁺				
		527.380 *18*	100 *7*	79.1401	2⁻	M1,E2		0.00539	α(K)=0.00468 *7*; α(L)=0.000577 *24*; α(M)=0.000110 *5*; α(N)=1.89×10⁻⁵ *7* α(O)=8.46×10⁻⁷ *25*; α(N+..)=1.97×10⁻⁵ *7*
		606.47 *8*	6.3 *9*	0.0	1⁺				
611.659	2⁺,3⁺	203.289 *7*	28.9 *17*	408.365	3⁺	M1(+E2)	≤0.6	0.067 *8*	α(K)=0.058 *6*; α(L)=0.0076 *13*; α(M)=0.00145 *25*;

$^{108}_{47}Ag_{61}$-11

Adopted Levels, Gammas (continued)

γ(^{108}Ag) (continued)

E_i(level)	J_i^π	E_γ [†]	I_γ [‡]	E_f	J_f^π	Mult.[#]	δ[#]	α[a]	Comments
									α(N)=0.00025 *4* α(O)=1.06×10^{-5} *8*; α(N+..)=0.00026 *4*
611.659	2$^+$,3$^+$	287.165 *10*	17.0 *12*	324.497	3$^+$	M1,E2		0.030 *6*	α(K)=0.026 *5*; α(L)=0.0035 *10*; α(M)=0.00067 *18*; α(N)=0.00011 *3* α(O)=4.5×10^{-6} *6*; α(N+..)=0.00012 *3*
		317.104 *10*	100 *6*	294.560	2$^+$	M1		0.0189	α(K)=0.01643 *23*; α(L)=0.00198 *3*; α(M)=0.000376 *6*; α(N)=6.51×10^{-5} *10* α(O)=3.06×10^{-6} *5*; α(N+..)=6.82×10^{-5} *10*
		396.277 *14*	34.6 *25*	215.382	3$^+$	M1,E2		0.0117 *10*	α(K)=0.0101 *8*; α(L)=0.00129 *18*; α(M)=0.00025 *4*; α(N)=4.2×10^{-5} *6* α(O)=1.81×10^{-6} *8*; α(N+..)=4.4×10^{-5} *6*
		405.070 *22*	10.3 *12*	206.614	2$^+$				
		611.76[b] *6*	11.3[b] *18*	0.0	1$^+$				
615.708	3$^+$	207.340 *7*	100 *8*	408.365	3$^+$	M1(+E2)	≤0.3	0.0590 *23*	α(K)=0.0512 *19*; α(L)=0.0064 *4*; α(M)=0.00122 *8*; α(N)=0.000210 *12* α(O)=9.5×10^{-6} *3*; α(N+..)=0.000219 *12*
		251.470 *11*	8.1 *11*	364.237	3$^+$,4$^+$				
		277.32 *4*	3.6 *11*	338.420	3$^-$				
		291.214 *10*	58 *42*	324.497	3$^+$	M1,E2		0.029 *6*	α(K)=0.025 *5*; α(L)=0.0033 *9*; α(M)=0.00064 *17*; α(N)=0.00011 *3* α(O)=4.3×10^{-6} *6*; α(N+..)=0.00011 *3*
		422.71[b] *5*	5.0[b] *14*	193.073	1$^+$				
616.942	2$^-$	208.566 *10*	3.2 *4*	408.365	3$^+$				
		237.723 *19*	1.7 *7*	379.242	1$^-$				
		278.526 *9*	47 *4*	338.420	3$^-$	M1(+E2)	≤0.8	0.029 *3*	α(K)=0.0250 *22*; α(L)=0.0032 *5*; α(M)=0.00061 *9*; α(N)=0.000104 *14* α(O)=4.5×10^{-6} *3*; α(N+..)=0.000109 *14*
		292.431 *12*	5.7 *5*	324.497	3$^+$				
		322.38 *3*	2.7 *5*	294.560	2$^+$				
		401.58[b] *5*	2.9[b] *8*	215.382	3$^+$				
		410.327 *17*	14.5 *12*	206.614	2$^+$				
		423.879 *16*	28.6 *21*	193.073	1$^+$				
		537.782 *20*	84 *7*	79.1401	2$^-$	M1,E2		0.00512	α(K)=0.00445 *7*; α(L)=0.000547 *20*; α(M)=0.000104 *4*; α(N)=1.79×10^{-5} *6* α(O)=8.0×10^{-7} *3*; α(N+..)=1.87×10^{-5} *6*
		616.94 *3*	100 *8*	0.0	1$^+$	E1		1.24×10^{-3}	α(K)=0.001086 *16*; α(L)=0.0001260 *18*; α(M)=2.38×10^{-5} *4*; α(N)=4.12×10^{-6} *6* α(O)=1.92×10^{-7} *3*; α(N+..)=4.31×10^{-6} *6*
645.499	(3)$^+$	173.648 *8*	2.5 *5*	471.848	3$^+$,4$^+$				

$^{108}_{47}Ag_{61}$-12

Adopted Levels, Gammas (continued)

γ(^{108}Ag) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[‡]	E_f	J_f^π	Mult.[#]	δ[#]	α[a]	Comments
645.499	(3)$^+$	237.133[b] *14*	3.4[b] *9*	408.365	3$^+$				
		320.999 *14*	4.3 *5*	324.497	3$^+$				
		350.941 *12*	55 *5*	294.560	2$^+$				
		430.06 *6*	4.1 *14*	215.382	3$^+$				
		438.892 *16*	100 *9*	206.614	2$^+$	M1,E2		0.0088 *5*	α(K)=0.0076 *4*; α(L)=0.00096 *10*; α(M)=0.000183 *18*; α(N)=3.1×10^{-5} *3* α(O)=1.37×10^{-6} *3*; α(N+..)=3.3×10^{-5} *3*
		566.19 *12*	4.4 *11*	79.1401	2$^-$				
656.325	3$^-$	292.10 *4*	6.7 *22*	364.237	3$^+$,4$^+$				
		317.92 *4*	7.2 *22*	338.420	3$^-$				
		449.66 *5*	34 *6*	206.614	2$^+$				
		656.33 *5*	100 *12*	0.0	1$^+$				
656.651	3$^+$,4$^+$	248.289 *9*	100 *8*	408.365	3$^+$	M1(+E2)	≤0.8	0.040 *5*	α(K)=0.034 *4*; α(L)=0.0045 *8*; α(M)=0.00085 *15*; α(N)=0.000146 *23* α(O)=6.2×10^{-6} *5*; α(N+..)=0.000152 *24*
		332.157 *12*	45 *3*	324.497	3$^+$	M1,E2		0.019 *3*	α(K)=0.0168 *22*; α(L)=0.0022 *5*; α(M)=0.00042 *9*; α(N)=7.2×10^{-5} *14* α(O)=3.0×10^{-6} *3*; α(N+..)=7.5×10^{-5} *15*
674.7		674.7 *5*	100	0.0	1$^+$				
679.093	1$^-$	170.615 *8*	1.4 *3*	508.476	2$^-$				
		299.89 *3*	4.6 *16*	379.242	1$^-$				
		472.50 *4*	6.8 *13*	206.614	2$^+$				
		485.98 *3*	12.2 *15*	193.073	1$^+$				
		599.964 *23*	100 *6*	79.1401	2$^-$	M1,E2		0.00387 *10*	α(K)=0.00336 *10*; α(L)=0.000409 *7*; α(M)=7.77×10^{-5} *13*; α(O)=6.1×10^{-7} *3* α(N+..)=1.402×10^{-5} *20*
		679.16 *8*	8.9 *11*	0.0	1$^+$				
686.7	(9$^-$)	153.9 *3*	100	532.95	(8$^-$)				
703.592	3$^-$,4$^-$	218.524 *12*	9.1 *13*	485.070	4$^-$,5$^-$				
		365.165 *12*	100 *9*	338.420	3$^-$	M1,E2		0.0148 *16*	α(K)=0.0128 *13*; α(L)=0.0016 *3*; α(M)=0.00031 *6*; α(N)=5.4×10^{-5} *9* α(O)=2.28×10^{-6} *14*; α(N+..)=5.6×10^{-5} *9*
		488.23 *4*	20 *5*	215.382	3$^+$				
		624.43 *5*	66 *8*	79.1401	2$^-$				
705.695	1$^-$,2$^-$	197.199[b] *14*	0.86[b] *16*	508.476	2$^-$				
		240.054 *11*	1.35 *16*	465.640	0$^-$				
		326.45 *4*	0.92 *22*	379.242	1$^-$				
		626.560 *22*	100 *7*	79.1401	2$^-$	M1,E2		0.00347 *11*	α(K)=0.00302 *11*; α(L)=0.000366 *6*; α(M)=6.95×10^{-5} *10*; α(O)=5.5×10^{-7} *3* α(N+..)=1.254×10^{-5} *21*

$^{108}_{47}Ag_{61}$-13

Adopted Levels, Gammas (continued)

γ(^{108}Ag) (continued)

E_i(level)	J_i^π	E_γ [†]	I_γ [‡]	E_f	J_f^π	Mult.[#]	δ[#]	α[a]	Comments
708.838	(2)$^-$	91.893 *3*	33 *13*	616.942	2$^-$	M1(+E2)	≤0.2	0.56 *3*	α(K)=0.481 *21*; α(L)=0.064 *7*; α(M)=0.0123 *14*; α(N)=0.00210 *21* α(O)=8.9×10^{-5} *3*; α(N+..)=0.00219 *22*
		110.179 *5*	31 *4*	598.664	4$^-$,3$^-$				
		121.454 *6*	40 *3*	587.375	(4)$^-$			0.28 *4*	α(K)=0.236 *25*; α(L)=0.033 *7*; α(M)=0.0063 *14*; α(N)=0.00107 *22* α(O)=4.3×10^{-5} *4*; α(N+..)=0.00112 *22* Mult.: M1(+E2)with δ≤0.4, but in conflict with (2)$^-$ to (4)$^-$ placement.
		165.997 *7*	15.7 *17*	542.847	3$^-$				
		192.005 *7*	37 *20*	516.843	3$^-$	E2(+M1)	≥1.4	0.130 *13*	α(K)=0.109 *10*; α(L)=0.0176 *21*; α(M)=0.0034 *4*; α(N)=0.00057 *7* α(O)=1.76×10^{-5} *13*; α(N+..)=0.00058 *7*
		200.358 *10*	7.3 *13*	508.476	2$^-$				
		370.416 *16*	17.3 *20*	338.420	3$^-$				
		384.355 *15*	55 *4*	324.497	3$^+$				
		414.307 *24*	13.3 *17*	294.560	2$^+$				
		493.43 *4*	31 *4*	215.382	3$^+$				
		502.24 *4*	38 *3*	206.614	2$^+$				
		629.72 *3*	100 *10*	79.1401	2$^-$	M1,E2		0.00342 *11*	α(K)=0.00298 *11*; α(L)=0.000361 *6*; α(M)=6.86×10^{-5} *10*; α(O)=5.4×10^{-7} *3* α(N+..)=1.238×10^{-5} *21*
715.815	1$^-$,2$^-$	250.14 *3*	1.1 *4*	465.640	0$^-$				
		336.555 *16*	3.3 *3*	379.242	1$^-$				
		509.27 *4*	13 *5*	206.614	2$^+$				
		522.71 *25*	2.3 *23*	193.073	1$^+$				
		636.664 *24*	100 *7*	79.1401	2$^-$	M1,E2		0.00333 *11*	α(K)=0.00290 *11*; α(L)=0.000351 *6*; α(M)=6.66×10^{-5} *10*; α(O)=5.3×10^{-7} *3* α(N+..)=1.203×10^{-5} *22*
		715.90 *15*	5.8 *12*	0.0	1$^+$				
719.359	1$^-$,2$^-$	202.507 *9*	3.8 *4*	516.843	3$^-$				
		380.949 *12*	46 *3*	338.420	3$^-$	E2[&]		0.01434	α(K)=0.01230 *18*; α(L)=0.001666 *24*; α(M)=0.000318 *5*; α(N)=5.40×10^{-5} *8* α(O)=2.12×10^{-6} *3*; α(N+..)=5.62×10^{-5} *8*
		640.219 *14*	100 *7*	79.1401	2$^-$	M1,E2		0.00328 *12*	α(K)=0.00286 *11*; α(L)=0.000346 *6*; α(M)=6.57×10^{-5} *10*; α(O)=5.2×10^{-7} *3* α(N+..)=1.186×10^{-5} *22*
733.50	(7$^+$)	359.1 *3*	100 *12*	374.56	(7$^+$)				
		623.7 *3*	97 *15*	109.466	6$^+$				
765.467	2$^-$	148.524 *6*	5.9 *7*	616.942	2$^-$				
		222.607 *14*	2.8 *5*	542.847	3$^-$				
		248.628 *12*	4.7 *7*	516.843	3$^-$				
		256.987 *9*	16.7 *12*	508.476	2$^-$				

$^{108}_{47}Ag_{61}$-14

Adopted Levels, Gammas (continued)

γ(^{108}Ag) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[‡]	E_f	J_f^π	Mult.[#]	δ[#]	α[a]	Comments
765.467	2⁻	386.218 *15*	24.1 *24*	379.242	1⁻				
		427.051 *15*	100 *7*	338.420	3⁻	M1,E2		0.0095 *6*	α(K)=0.0082 *5*; α(L)=0.00104 *11*; α(M)=0.000198 *22*; α(N)=3.4×10^{-5} *4* α(O)=1.48×10^{-6} *4*; α(N+..)=3.5×10^{-5} *4*
		550.23 *8*	7.9 *21*	215.382	3⁺				
		558.86 *3*	38 *3*	206.614	2⁺				
		572.37 *3*	62 *5*	193.073	1⁺				
		686.31 *8*	28 *5*	79.1401	2⁻				
		765.78 *18*	13 *4*	0.0	1⁺				
779.726	(2,3)⁻	236.879 *9*	26 *3*	542.847	3⁻				
		262.883 *9*	59 *4*	516.843	3⁻	M1		0.0305	α(K)=0.0266 *4*; α(L)=0.00322 *5*; α(M)=0.000611 *9*; α(N)=0.0001059 *15* α(O)=4.97×10^{-6} *7*; α(N+..)=0.0001109 *16*
		307.91 *4*	11 *4*	471.848	3⁺,4⁺				
		441.313 *18*	100 *8*	338.420	3⁻				
		485.17 *4*	34 *6*	294.560	2⁺				
		573.08 *8*	27 *7*	206.614	2⁺				
799.687	3⁻	201.020 *9*	100 *7*	598.664	4⁻,3⁻	M1(+E2)	≤0.2	0.0629 *15*	α(K)=0.0546 *12*; α(L)=0.00675 *22*; α(M)=0.00128 *5*; α(N)=0.000222 *7* α(O)=1.019×10^{-5} *19*; α(N+..)=0.000232 *7*
		212.314 *8*	35.0 *22*	587.375	(4)⁻	M1(+E2)	≤0.4	0.057 *4*	α(K)=0.049 *3*; α(L)=0.0062 *6*; α(M)=0.00118 *11*; α(N)=0.000203 *17* α(O)=9.0×10^{-6} *4*; α(N+..)=0.000212 *18*
800.22	(7⁺)	278.2 *3*	68 *7*	522.47	(6⁺)				
		425.8 *3*	100 *10*	374.56	(7⁺)				
803.734	2⁻	197.199[b] *14*	2.0[b] *4*	606.533	1⁻				
		286.891 *10*	11.6 *9*	516.843	3⁻				
		295.246[b] *15*	3.7[b] *5*	508.476	2⁻				
		465.313 *23*	19 *5*	338.420	3⁻				
		724.63 *3*	100 *7*	79.1401	2⁻	M1,E2		0.00242 *12*	α(K)=0.00211 *11*; α(L)=0.000253 *8*; α(M)=4.81×10^{-5} *15*; α(N)=8.3×10^{-6} *3* α(O)=3.8×10^{-7} *3*; α(N+..)=8.7×10^{-6} *3*
808.68	(8⁺)	75.0 *3*	69 *15*	733.50	(7⁺)				
		434.3 *3*	100 *7*	374.56	(7⁺)				
		699.2 *3*	41 *7*	109.466	6⁺				
819.114	2⁻	353.482 *21*	5.3 *7*	465.640	0⁻				
		410.73 *9*	3.1 *16*	408.365	3⁺				
		439.872 *15*	100 *7*	379.242	1⁻	M1,E2		0.0088 *5*	α(K)=0.0076 *4*; α(L)=0.00096 *10*; α(M)=0.000182 *18*; α(N)=3.1×10^{-5} *3* α(O)=1.365×10^{-6} *25*; α(N+..)=3.3×10^{-5} *3*

$^{108}_{47}Ag_{61}$-15

Adopted Levels, Gammas (continued)

γ(^{108}Ag) (continued)

E_i(level)	J_i^π	E_γ [†]	I_γ [‡]	E_f	J_f^π	Mult.[#]	δ[#]	α[a]	Comments
819.114	2⁻	480.73 *6*	8.8 *23*	338.420	3⁻				
		524.60 *8*	12 *4*	294.560	2⁺				
		739.98 *7*	36 *3*	79.1401	2⁻				
		819.04 *15*	45 *9*	0.0	1⁺				
858.379	(2,3)⁻	241.442 *19*	6.2 *15*	616.942	2⁻				
		259.714 *9*	100 *8*	598.664	4⁻,3⁻	M1(+E2)	≤0.5	0.0334 *20*	α(K)=0.0289 *16*; α(L)=0.0036 *3*; α(M)=0.00069 *6*; α(N)=0.000119 *10* α(O)=5.32×10⁻⁶ *21*; α(N+..)=0.000124 *10*
		271.000 *10*	21.2 *15*	587.375	(4)⁻				
		349.908 *20*	13.5 *19*	508.476	2⁻				
		479.150 *24*	54 *4*	379.242	1⁻	E2		0.00715	α(K)=0.00617 *9*; α(L)=0.000801 *12*; α(M)=0.0001526 *22*; α(N)=2.61×10⁻⁵ *4* α(O)=1.080×10⁻⁶ *16*; α(N+..)=2.71×10⁻⁵ *4*
858.45	(2,3,4⁺)	520.04 *5*	68 *14*	338.420	3⁻				
		533.94 *4*	60 *9*	324.497	3⁺				
		651.83 *6*	100 *10*	206.614	2⁺				
869.291	3⁺	160.460[b] *11*	10[b] *4*	708.838	(2)⁻				
		397.418 *19*	32 *6*	471.848	3⁺,4⁺				
		460.92 *3*	35 *7*	408.365	3⁺				
		574.76 *4*	88 *15*	294.560	2⁺				
		662.67 *6*	100 *25*	206.614	2⁺				
880.606	2⁺	268.99 *3*	3.1 *12*	611.659	2⁺,3⁺				
		472.23 *3*	21 *4*	408.365	3⁺				
		586.00 *3*	25.3 *18*	294.560	2⁺				
		665.29 *7*	16.5 *21*	215.382	3⁺				
		687.52 *3*	100 *7*	193.073	1⁺				
		880.86[b] *16*	32[b] *6*	0.0	1⁺				
899.939	1⁻	134.469 *5*	52 *5*	765.467	2⁻	M1+E2	0.5 *2*	0.25 *5*	α(K)=0.21 *4*; α(L)=0.032 *8*; α(M)=0.0062 *16*; α(N)=0.00104 *25*; α(O)=3.6×10⁻⁵ *4* α(N+..)=0.0011 *3*
		180.582 *13*	7.2 *19*	719.359	1⁻,2⁻	[M1,E2]		0.13 *5*	α(K)=0.11 *4*; α(L)=0.017 *9*; α(M)=0.0032 *16*; α(N)=0.0005 *3*; α(O)=1.8×10⁻⁵ *5* α(N+..)=0.0006 *3*
		283.003 *9*	100 *7*	616.942	2⁻	M1		0.0252	α(K)=0.0220 *3*; α(L)=0.00265 *4*; α(M)=0.000504 *7*; α(N)=8.74×10⁻⁵ *13* α(O)=4.10×10⁻⁶ *6*; α(N+..)=9.15×10⁻⁵ *13*
		391.458 *23*	16 *2*	508.476	2⁻				
		520.71 *3*	76 *6*	379.242	1⁻				
		693.28 *18*	23 *7*	206.614	2⁺				
917.71	(8⁺)	117.8 *3*	17.3 *12*	800.22	(7⁺)				

Adopted Levels, Gammas (continued)

γ(^{108}Ag) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[‡]	E_f	J_f^π	Mult.[#]	α[a]	Comments
917.71	(8$^+$)	395.6 *3*	100 *4*	522.47	(6$^+$)			
942.334	3$^-$	325.42 *3*	65 *15*	616.942	2$^-$			
		425.56 *6*	100 *25*	516.843	3$^-$			
960.148	2$^-$	160.460[b] *11*	5.6[b] *15*	799.687	3$^-$			
		240.785 *10*	9.1 *12*	719.359	1$^-$,2$^-$			
		244.337 *10*	15.9 *12*	715.815	1$^-$,2$^-$			
		343.23 *7*	2.4 *12*	616.942	2$^-$			
		443.40 *7*	9.1 *24*	516.843	3$^-$			
		580.90 *5*	32 *4*	379.242	1$^-$			
		621.76 *3*	100 *9*	338.420	3$^-$			
		880.86[b] *16*	65[b] *12*	79.1401	2$^-$			
967.456	(3,4$^-$)	261.756 *12*	17.2 *23*	705.695	1$^-$,2$^-$			
		310.818 *15*	43 *5*	656.651	3$^+$,4$^+$			
		350.522 *23*	25 *5*	616.942	2$^-$			
		403.50 *8*	20 *5*	563.813	2$^+$			
		482.372 *25*	100 *8*	485.070	4$^-$,5$^-$			
		672.93 *12*	62 *16*	294.560	2$^+$			
974.343	2$^-$	174.657 *6*	38 *19*	799.687	3$^-$	M1	0.0900	α(K)=0.0783 *11*; α(L)=0.00959 *14*; α(M)=0.00182 *3*; α(N)=0.000316 *5* α(O)=1.470×10^{-5} *21*; α(N+..)=0.000331 *5*
		268.642 *12*	6.0 *8*	705.695	1$^-$,2$^-$			
		295.246[b] *15*	6.2[b] *8*	679.093	1$^-$			
		357.410 *16*	10 *1*	616.942	2$^-$			
		457.49 *5*	11.2 *23*	516.843	3$^-$			
		595.08 *5*	27.3 *25*	379.242	1$^-$			
		635.94 *5*	46 *6*	338.420	3$^-$	E2[&]	0.00324	α(K)=0.00281 *4*; α(L)=0.000350 *5*; α(M)=6.66×10^{-5} *10*; α(N)=1.144×10^{-5} *16* α(O)=4.99×10^{-7} *7*; α(N+..)=1.194×10^{-5} *17*
		895.19 *10*	100 *8*	79.1401	2$^-$			
1001.800	1$^+$,2$^-$	285.977 *12*	38 *3*	715.815	1$^-$,2$^-$			
		322.709 *12*	51 *5*	679.093	1$^-$			
		395.30 *3*	26 *5*	606.533	1$^-$			
		536.21 *9*	29 *7*	465.640	0$^-$			
		622.53 *6*	100 *18*	379.242	1$^-$			
		637.53 *8*	83 *15*	364.237	3$^+$,4$^+$			
1002.596	1$^+$,2$^-$	237.133[b] *14*	5.1[b] *14*	765.467	2$^-$			
		438.769 *24*	39 *14*	563.813	2$^+$			
		494.12 *5*	8.8 *17*	508.476	2$^-$			
		594.19[b] *12*	8.5[b] *25*	408.365	3$^+$			
		708.13 *18*	10 *3*	294.560	2$^+$			
		795.96 *6*	100 *12*	206.614	2$^+$			

$^{108}_{47}Ag_{61}$-17

Adopted Levels, Gammas (continued)

γ(^{108}Ag) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[‡]	E_f	J_f^π	Mult.[#]	δ[#]	α[a]	Comments
1002.596	1⁺,2⁻	809.59 *22*	19 *7*	193.073	1⁺				
		923.70 *20*	42 *9*	79.1401	2⁻				
1012.56	1⁺,2,3	448.73 *8*	3 *1*	563.813	2⁺				
		648.26 *9*	12 *3*	364.237	3⁺,4⁺				
		674.18 *6*	100 *20*	338.420	3⁻				
		933.25 *25*	43 *9*	79.1401	2⁻				
1012.738	2⁻,3⁻	213.052 *7*	100 *7*	799.687	3⁻	M1(+E2)	≤0.3	0.0548 *21*	α(K)=0.0476 *17*; α(L)=0.0059 *4*; α(M)=0.00113 *7*; α(N)=0.000195 *11* α(O)=8.83×10⁻⁶ *24*; α(N+..)=0.000204 *11*
		401.08 *6*	5.2 *24*	611.659	2⁺,3⁺				
		406.17 *3*	7.8 *13*	606.533	1⁻				
		504.30 *4*	23 *3*	508.476	2⁻				
1013.203	(1⁺,2,3⁺)	143.911 *13*	2.4 *10*	869.291	3⁺				
		401.58[b] *5*	3.5[b] *10*	611.659	2⁺,3⁺				
		688.61 *8*	27 *5*	324.497	3⁺				
		718.68 *12*	22 *5*	294.560	2⁺				
		1013.22 *16*	100 *16*	0.0	1⁺				
1034.415	3⁺	230.680 *10*	7.0 *15*	803.734	2⁻				
		254.73 *3*	7 *3*	779.726	(2,3)⁻				
		422.71[b] *5*	6.7[b] *19*	611.659	2⁺,3⁺				
		626.01 *5*	56 *22*	408.365	3⁺				
		1034.2 *4*	100 *30*	0.0	1⁺				
1051.559	(1⁺)	345.75 *10*	2.7 *10*	705.695	1⁻,2⁻				
		487.745 *25*	31 *3*	563.813	2⁺				
		756.98 *20*	27 *13*	294.560	2⁺				
		845.01 *8*	67 *8*	206.614	2⁺				
		1051.61 *20*	100 *15*	0.0	1⁺				
1051.829	(2⁻)	232.722 *14*	5.2 *13*	819.114	2⁻				
		436.17 *4*	12 *3*	615.708	3⁺				
		452.98 *5*	8.5 *13*	598.664	4⁻,3⁻				
		713.60 *18*	22 *5*	338.420	3⁻				
		858.7 *3*	42 *13*	193.073	1⁺				
		972.65 *18*	100 *16*	79.1401	2⁻				
1079.217	2⁻,3⁻,4⁻	279.530 *5*	100 *15*	799.687	3⁻	M1		0.0260	α(K)=0.0227 *4*; α(L)=0.00274 *4*; α(M)=0.000521 *8*; α(N)=9.02×10⁻⁵ *13* α(O)=4.24×10⁻⁶ *6*; α(N+..)=9.45×10⁻⁵ *14*
		375.621 *16*	20 *4*	703.592	3⁻,4⁻				
		491.99 *8*	16 *3*	587.375	(4)⁻				
		594.19[b] *12*	22[b] *5*	485.070	4⁻,5⁻				
1079.823	2	137.498 *13*		942.334	3⁻				
		434.28 *4*	10 *3*	645.499	(3)⁺				

$^{108}_{47}Ag_{61}$-18

Adopted Levels, Gammas (continued)

γ(^{108}Ag) (continued)

E_i(level)	J_i^π	E_γ [†]	I_γ [‡]	E_f	J_f^π	Mult. [#]	α [a]	Comments
1079.823	2	462.83 *9*	12 *3*	616.942	2^-			
		473.26 *6*	12 *3*	606.533	1^-			
		492.57 *9*	10 *2*	587.375	$(4)^-$			
		571.26 *6*	10.9 *19*	508.476	2^-			
		671.45 *7*	26 *4*	408.365	3^+			
		887.0 *3*	23 *8*	193.073	1^+			
		1079.56 *25*	100 *21*	0.0	1^+			
1090.1	(10^-)	403.3 *3*	100 *3*	686.7	(9^-)			
		557.0 *3*	7.2 *11*	532.95	(8^-)			
1096.52	(8^+)	722.0 *3*	100 *11*	374.56	(7^+)			
		987.0 *3*	46 *10*	109.466	6^+			
1096.852	$(3)^+$	388.06 *4*	21 *7*	708.838	$(2)^-$			
		533.01 *4*	58 *5*	563.813	2^+	M1,E2	0.00524	α(K)=0.00456 *7*; α(L)=0.000561 *22*; α(M)=0.000107 *5*; α(N)=1.84×10^{-5} *7* α(O)=8.2×10^{-7} *3*; α(N+..)=1.92×10^{-5} *6*
		611.76[b] *6*	41[b] *7*	485.070	$4^-,5^-$			
		732.58 *9*	49 *70*	364.237	$3^+,4^+$			
		772.25 *12*	43 *9*	324.497	3^+			
		890.30 *13*	100 *15*	206.614	2^+			
1106.676	2^+	326.950 *20*	8.1 *15*	779.726	$(2,3)^-$			
		782.17 *22*	41 *15*	324.497	3^+			
		812.08 *12*	100 *15*	294.560	2^+			
1109.306	3^+	30.08 *5*	1.5 *4*	1079.217	$2^-,3^-,4^-$	[E1]	4.49	α(K)=3.81 *6*; α(L)=0.554 *9*; α(M)=0.1042 *16*; α(N)=0.0170 *3*; α(O)=0.000513 *8* α(N+..)=0.0175 *3*
		149.159 *6*	23 *3*	960.148	2^-	[E1]	0.0510	α(K)=0.0445 *7*; α(L)=0.00534 *8*; α(M)=0.001008 *15*; α(N)=0.0001720 *24* α(O)=7.28×10^{-6} *11*; α(N+..)=0.000179 *3*
		393.477 *16*	64 *4*	715.815	$1^-,2^-$			
		497.66 *3*	72 *6*	611.659	$2^+,3^+$			
		701.08 *18*	39 *12*	408.365	3^+			
		902.7 *3*	100 *29*	206.614	2^+			
1112.25	1^+	433.22 *8*	2.9 *12*	679.093	1^-			
		500.58 *3*	26.8 *25*	611.659	$2^+,3^+$			
		646.71 *9*	15.1 *23*	465.640	0^-			
		747.97 *13*	16 *4*	364.237	$3^+,4^+$			
		918.88 *22*	100 *35*	193.073	1^+			
		1112.3 *6*	46 *19*	0.0	1^+			
1143.93	1^+	274.66 *4*	3.7 *19*	869.291	3^+			
		580.10 *4*	32 *4*	563.813	2^+			
		937.34 *12*	100 *12*	206.614	2^+			
		950.8 *3*	51 *16*	193.073	1^+			
1176.48	1,2	597.37 *5*	53 *7*	579.110	$0^-,2^-$			

$^{108}_{47}Ag_{61}$-19

Adopted Levels, Gammas (continued)

γ(^{108}Ag) (continued)

E_i(level)	J_i^π	E_γ †	I_γ ‡	E_f	J_f^π
1176.48	1,2	797.0 *5*	57 *39*	379.242	1^-
		960.5 *4*	100 *35*	215.382	3^+
		970.2 *4*	91 *30*	206.614	2^+
1370.4	(9^+)	996.1 *3*	100	374.56	(7^+)
1434.6	(11^-)	344.7 *3*	100 *3*	1090.1	(10^-)
		748.0 *3*	31.8 *10*	686.7	(9^-)
1488.16	(9^+)	570.8 *3*	76 *10*	917.71	(8^+)
		688.2 *3*	66 *10*	800.22	(7^+)
		954.0 *3*	100 *9*	532.95	(8^-)
1641.0	(10^-)	1108.0 *3*	100	532.95	(8^-)
1668.1	(9^+)	934.6 *3*	100	733.50	(7^+)
1672.2	(10^+)	183.5 *3*	4.0 *11*	1488.16	(9^+)
		754.8 *3*	100 *4*	917.71	(8^+)
1785.9	(10^-)	977.2 *3*	100	808.68	(8^+)
1941.3	(12^-)	506.7 *3*	100 *4*	1434.6	(11^-)
		851.2 *3*	23 *3*	1090.1	(10^-)
2062.4	(10^+)	692.0 *3*	100 *17*	1370.4	(9^+)
		965.9 *3*	85 *17*	1096.52	(8^+)
2143.0	(11^-)	502.0 *3*	100 *17*	1641.0	(10^-)
		1052.8 *3*	42 *8*	1090.1	(10^-)
2274.3	(11^-)	1184.0 *3*	100 *17*	1090.1	(10^-)
2302.3	(11^-)	361.0 *3*	100	1941.3	(12^-)
2369.2	(11^+)	697.0 *3*	64 *18*	1672.2	(10^+)
		880.9 *3*	100 *18*	1488.16	(9^+)
2369.5	(11^+)	999.3 *3*	100 *18*	1370.4	(9^+)
2424.6	(11^+)	936.6 *3*	100	1488.16	(9^+)
2443.0	(13^-)	501.6 *3*	100 *20*	1941.3	(12^-)
		1008.5 *3*	73 *7*	1434.6	(11^-)
2536.3	(12^-)	234.0 *3*	58 *7*	2302.3	(11^-)
		261.8 *3*	36 *6*	2274.3	(11^-)
		393.2 *3*	100 *8*	2143.0	(11^-)
2536.3	(12^-)	595.1 *3*	72 *11*	1941.3	(12^-)
		895.3 *3*	63 *11*	1641.0	(10^-)
		1101.8 *3*	46 *11*	1434.6	(11^-)
2666.5	(12^+)	994.4 *3*	100	1672.2	(10^+)
2673.7	(12^+)	249.2 *3*	22 *3*	2424.6	(11^+)
		304.5 *3*	23 *3*	2369.5	(11^+)
		1001.3 *3*	100 *6*	1672.2	(10^+)
2709.1	(11^-)	1041.0 *3*	100	1668.1	(9^+)
2847.0	(13^-)	310.7 *3*	100	2536.3	(12^-)
2903.2	(12^-)	1117.3 *3*	100	1785.9	(10^-)
2906.9	(13^+)	233.3 *3*	100 *5*	2673.7	(12^+)
		240.4 *3*	88 *6*	2666.5	(12^+)
		537.4 *3*	40 *7*	2369.2	(11^+)
2993.8	(14^-)	550.9 *3*	100 *9*	2443.0	(13^-)
		1052.5 *3*	68 *11*	1941.3	(12^-)
3170.2	(14^+)	263.4 *3*	100 *4*	2906.9	(13^+)
		496.5 *3*	32 *5*	2673.7	(12^+)
3187.8	(14^-)	340.8 *3*	100	2847.0	(13^-)
3492.4	(15^+)	322.4 *3*	100 *5*	3170.2	(14^+)
		585.4 *3*	25 *6*	2906.9	(13^+)
3558.2	(15^-)	564.6 *3*	100 *13*	2993.8	(14^-)
		1115.2 *3*	67 *13*	2443.0	(13^-)
3605.7	(15^-)	417.7 *3*	100	3187.8	(14^-)
3870.3	(16^+)	378.0 *3*	100 *5*	3492.4	(15^+)
		700.1 *3*	37 *8*	3170.2	(14^+)
4090.6	(16^-)	532.6 *3*	100 *14*	3558.2	(15^-)
		1096.5 *3*	47 *14*	2993.8	(14^-)
4179.5	(16^-)	573.6 *3*	100 *13*	3605.7	(15^-)
		992.0 *3*	36 *15*	3187.8	(14^-)
4310.6	(17^+)	440.5 *3*	100 *13*	3870.3	(16^+)
		818.0 *3*	62 *15*	3492.4	(15^+)

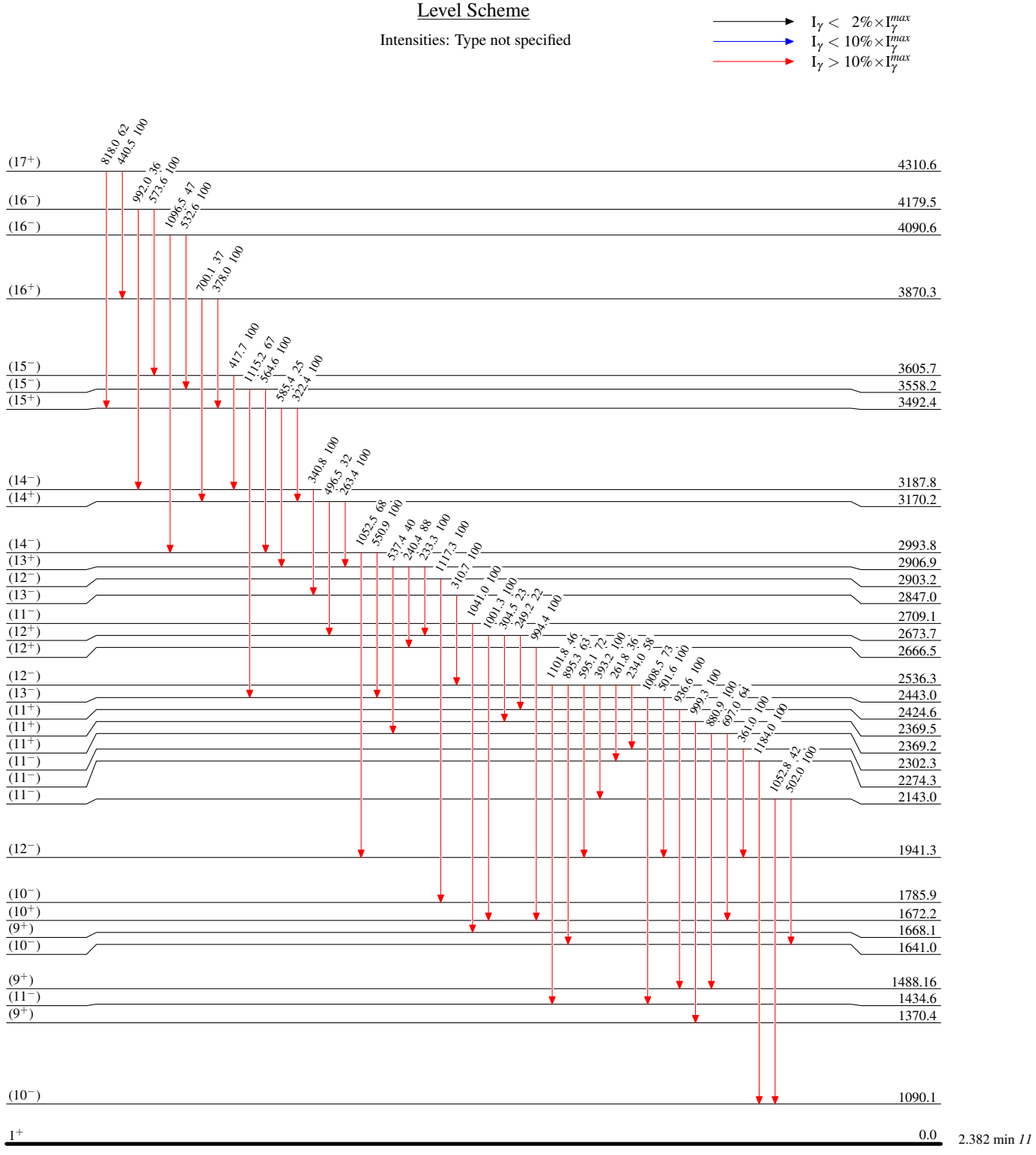
† From (n,γ).
‡ Relative I(γ+ce) branching from each level from (n,γ) are converted to Iγ by the evaluator using the mults as indicated.
# From α(K)exp in (n,γ), except where noted otherwise.
@ From ce data in ^{108}Ag it decay.
& M1,E2 from conversion data. ΔJ rules out M1.
[a] Total theoretical internal 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.

$^{108}_{47}Ag_{61}$-20

Adopted Levels, Gammas

Level Scheme

Intensities: Type not specified

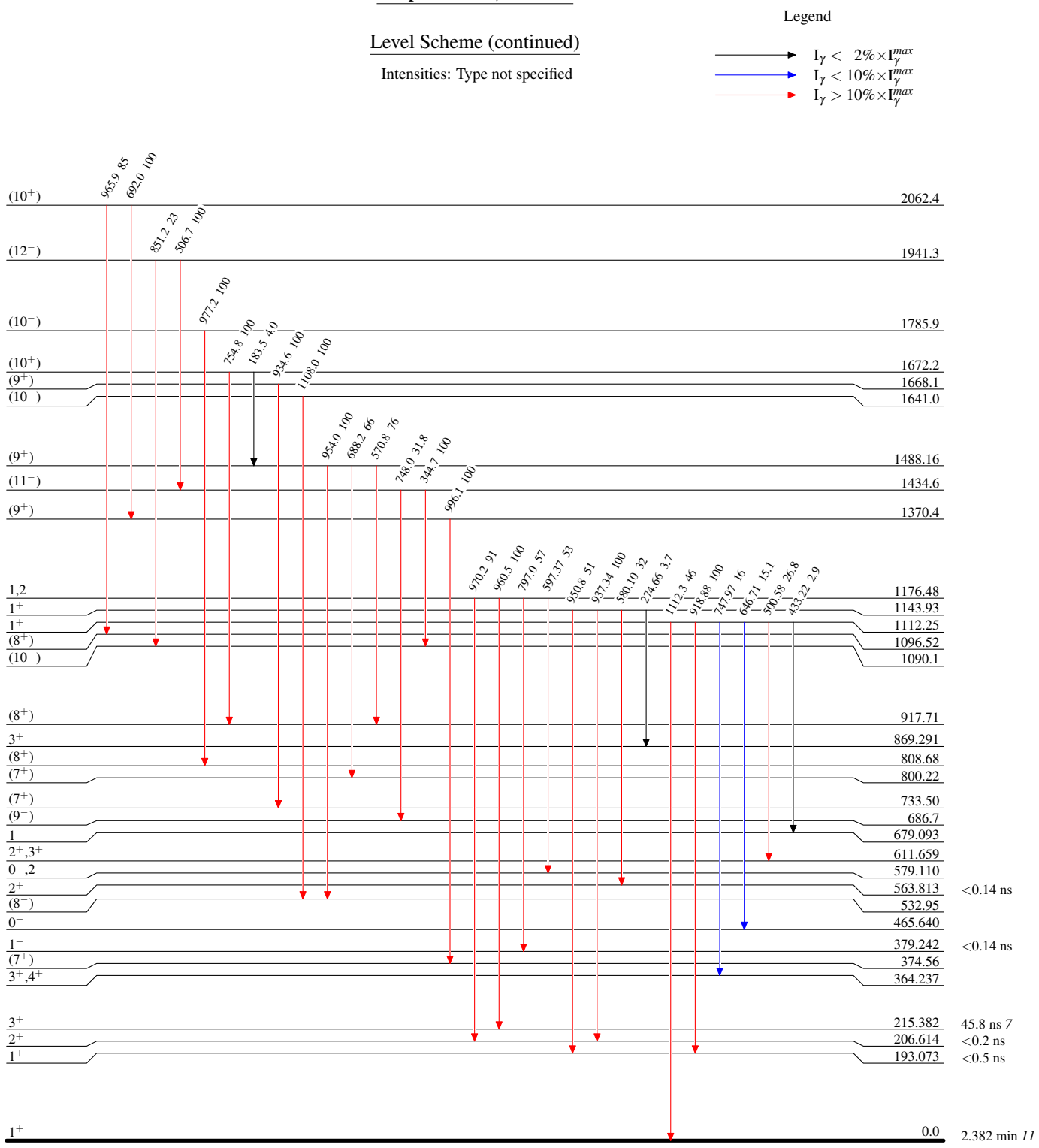


$^{108}_{47}Ag_{61}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified

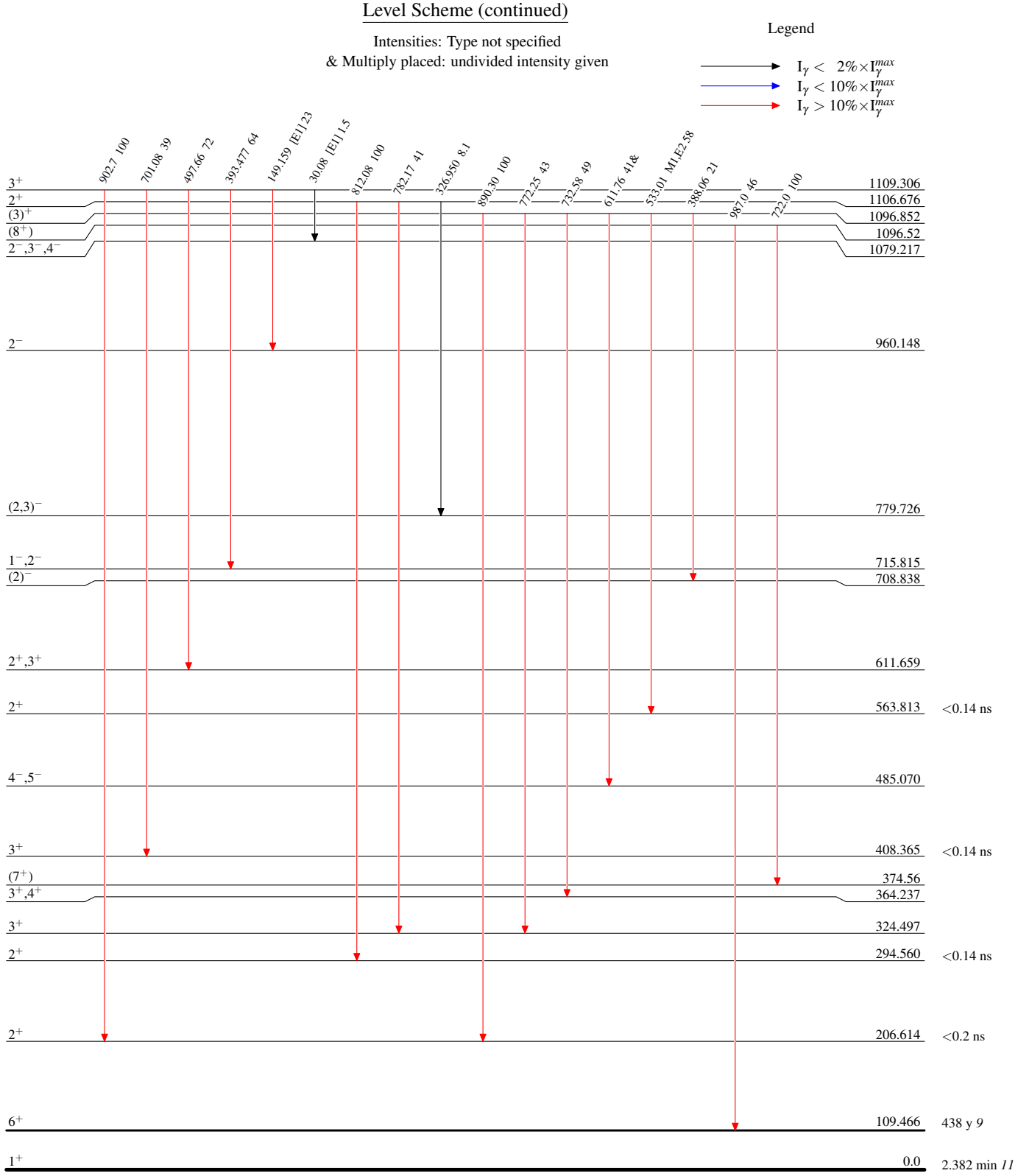


$^{108}_{47}Ag_{61}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified
& Multiply placed: undivided intensity given

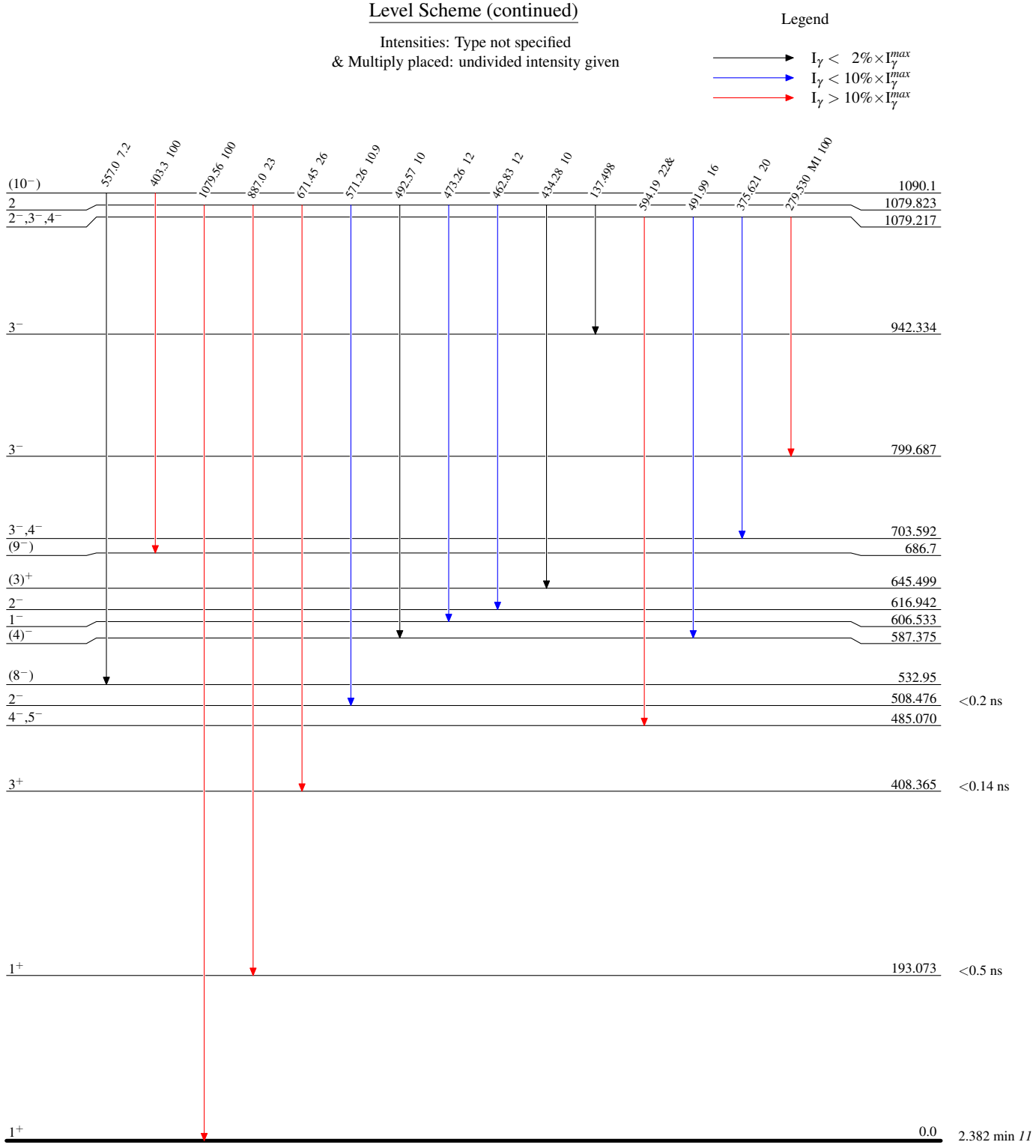


$^{108}_{47}Ag_{61}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified
& Multiply placed: undivided intensity given



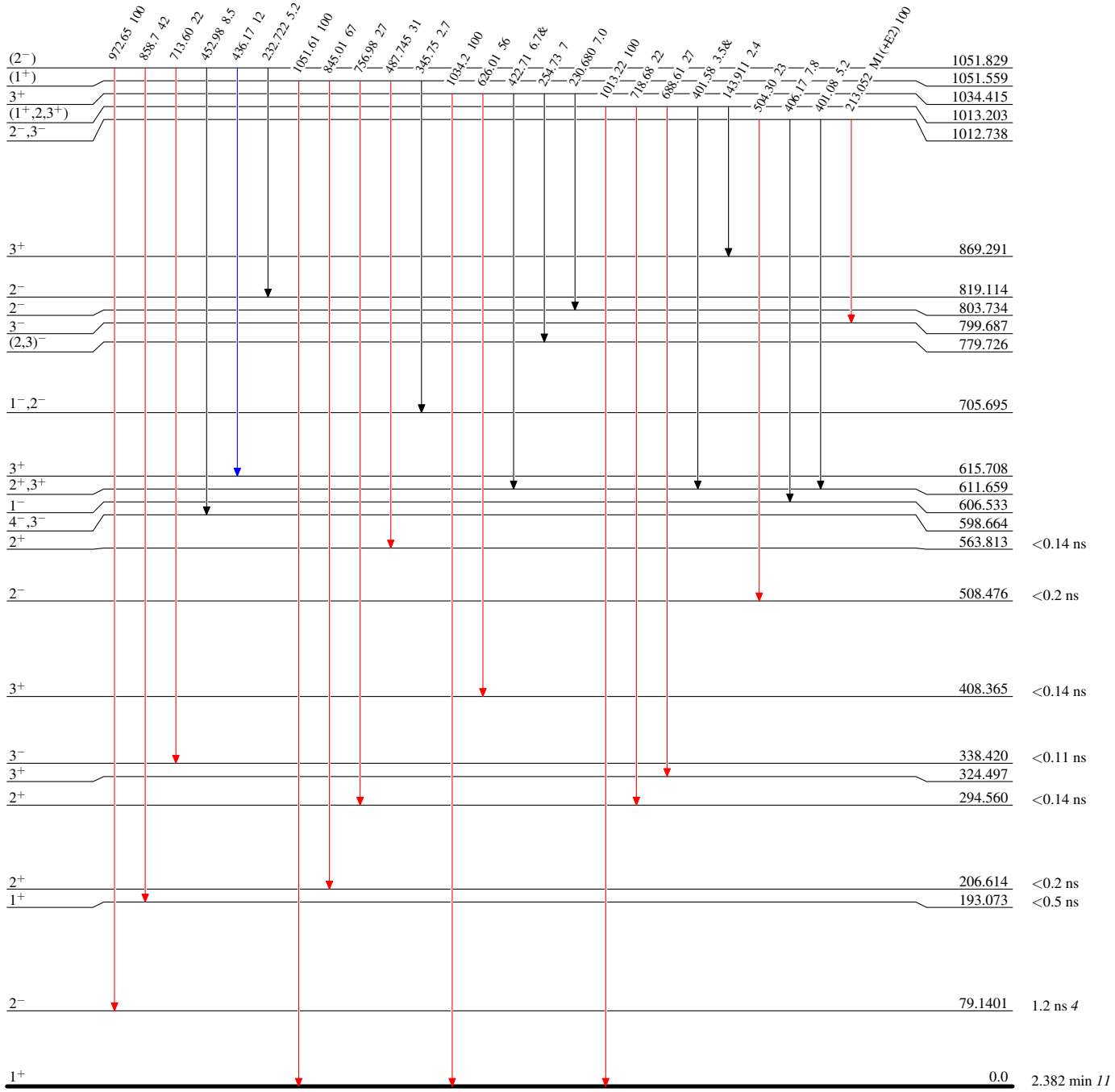
$^{108}_{47}Ag_{61}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified
& Multiply placed: undivided intensity given

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

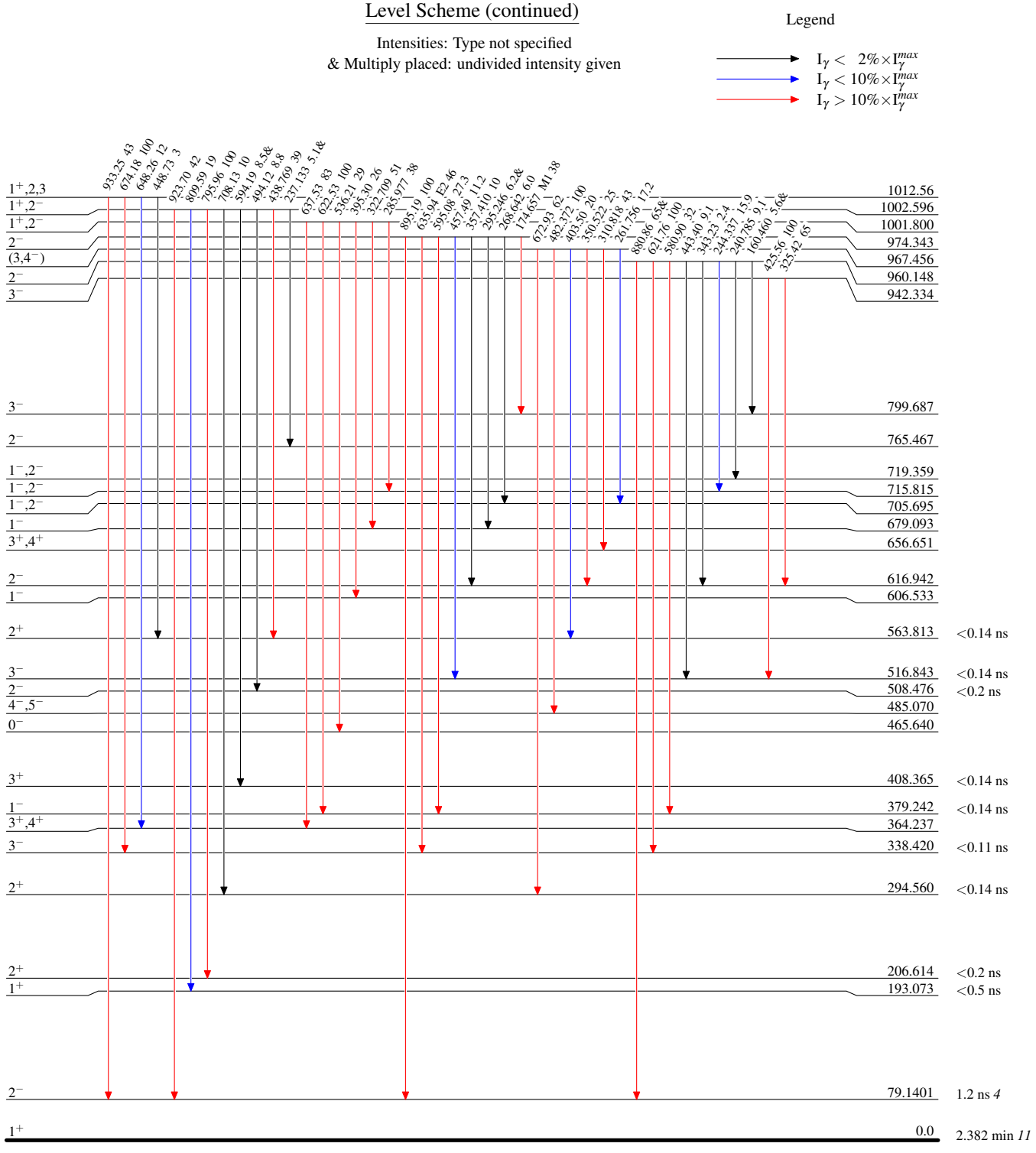


$^{108}_{47}Ag_{61}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified
& Multiply placed: undivided intensity given



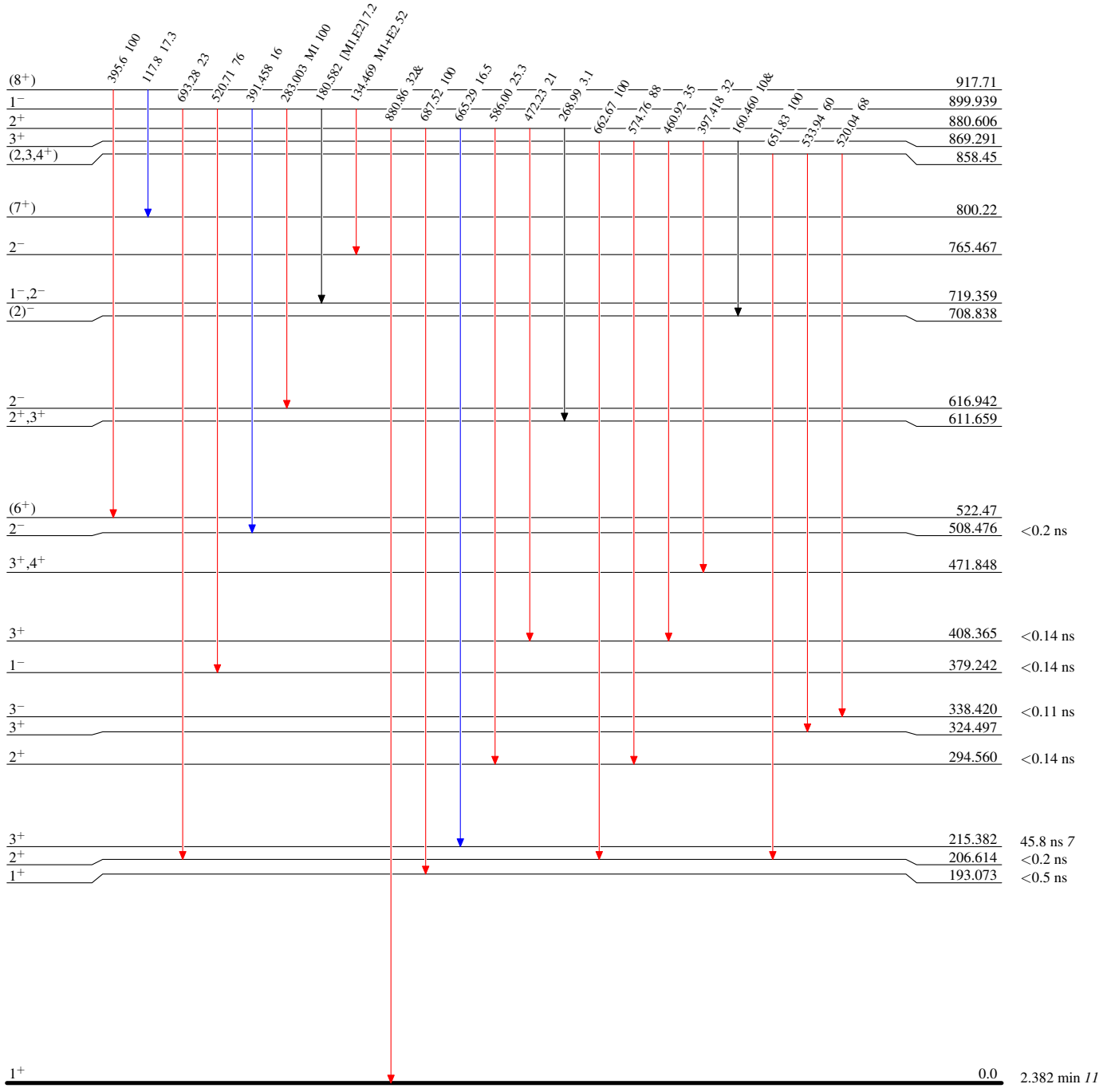
$^{108}_{47}Ag_{61}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified
& Multiply placed: undivided intensity given

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



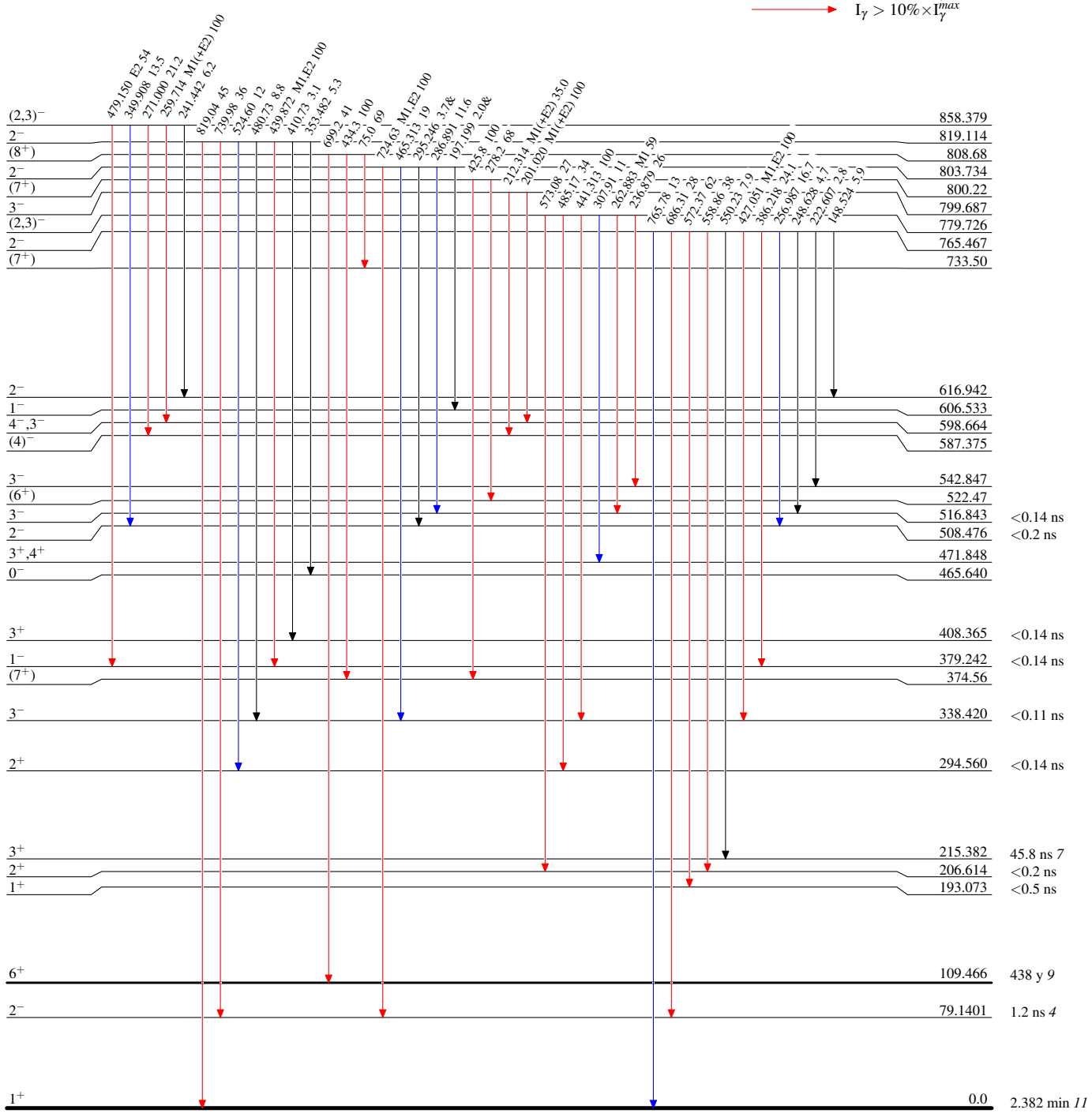
$^{108}_{47}Ag_{61}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified
& Multiply placed: undivided intensity given

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

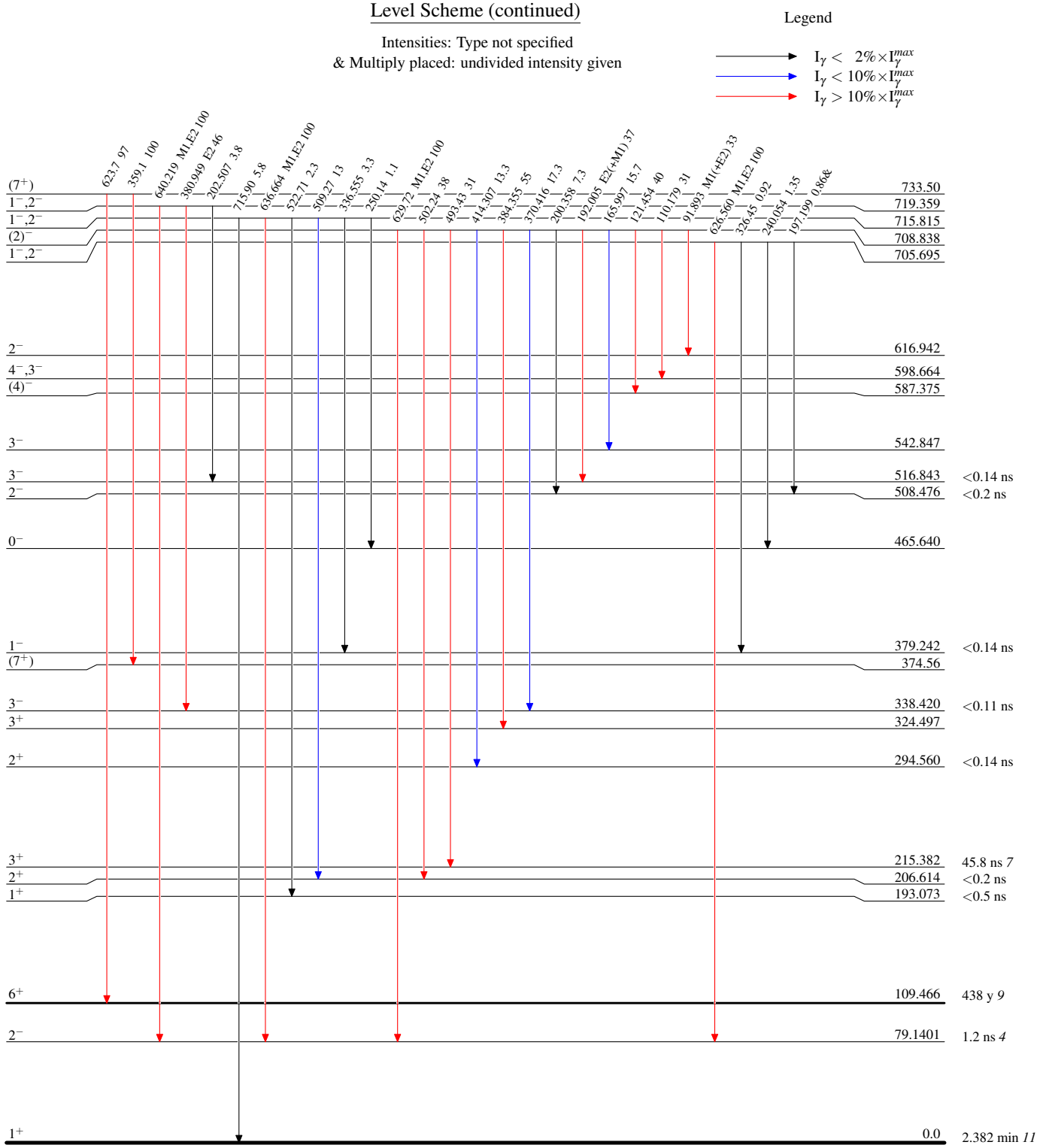


$^{108}_{47}Ag_{61}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified
& Multiply placed: undivided intensity given



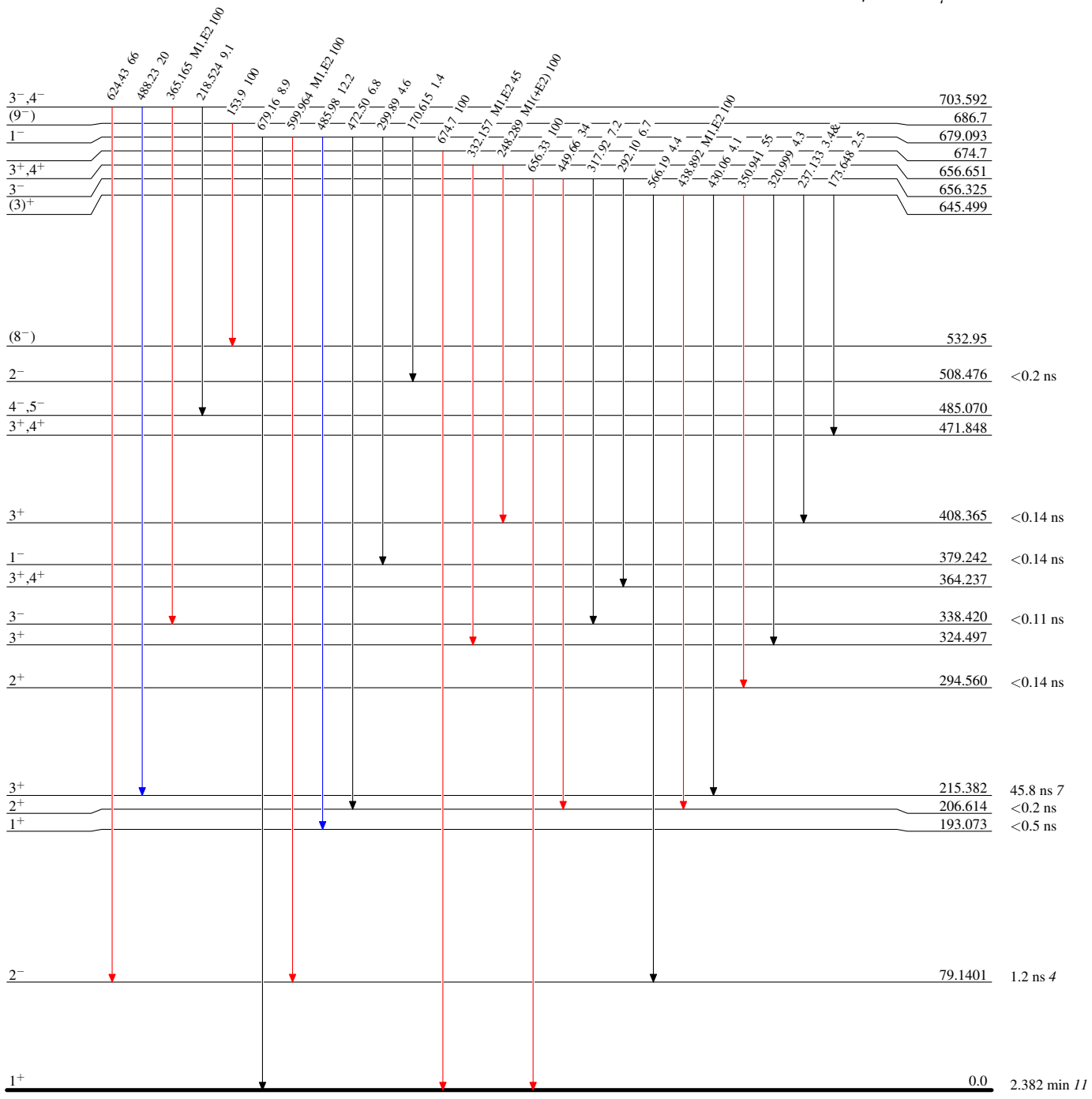
$^{108}_{47}Ag_{61}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified
& Multiply placed: undivided intensity given

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

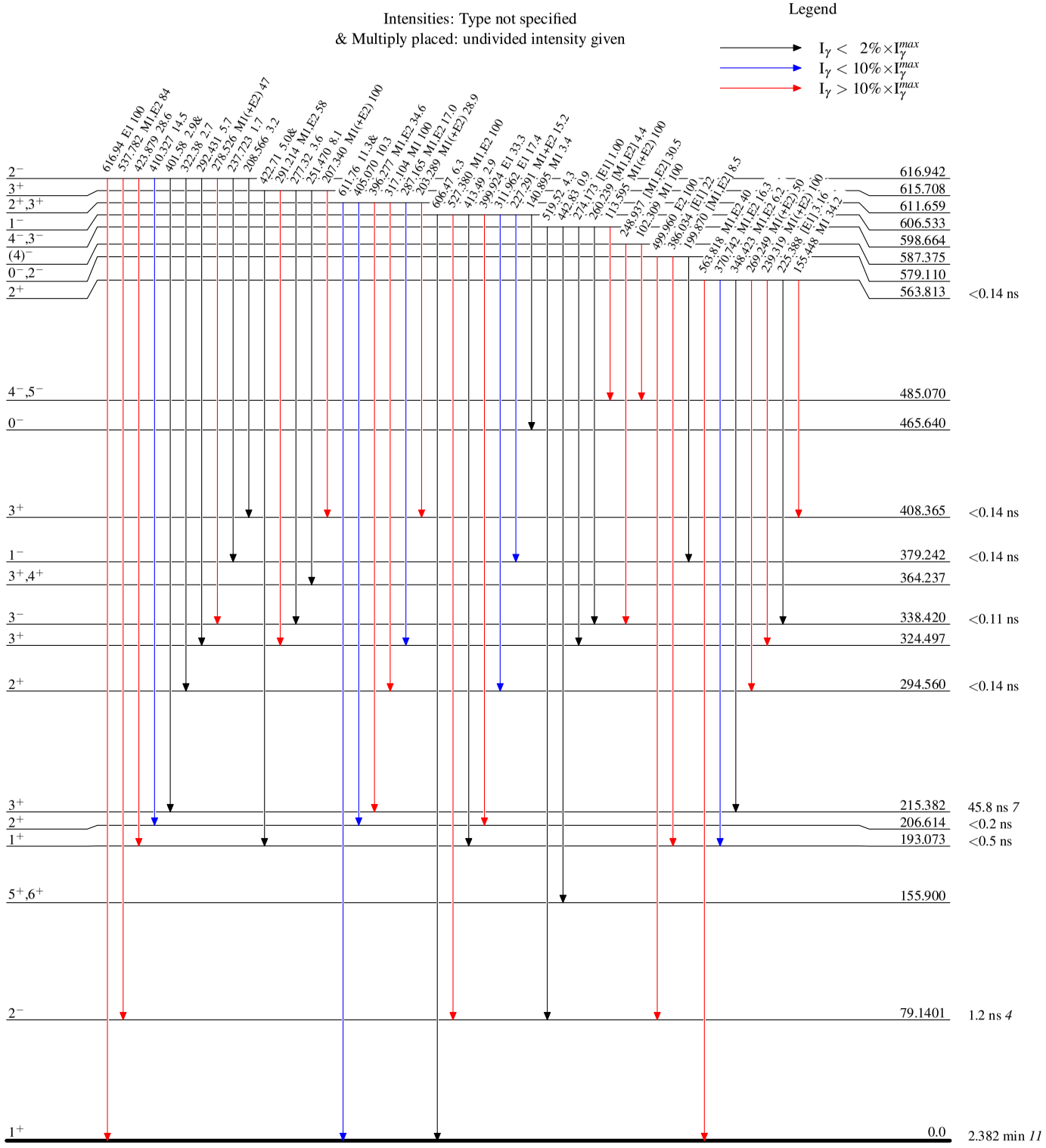


$^{108}_{47}Ag_{61}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified
& Multiply placed: undivided intensity given



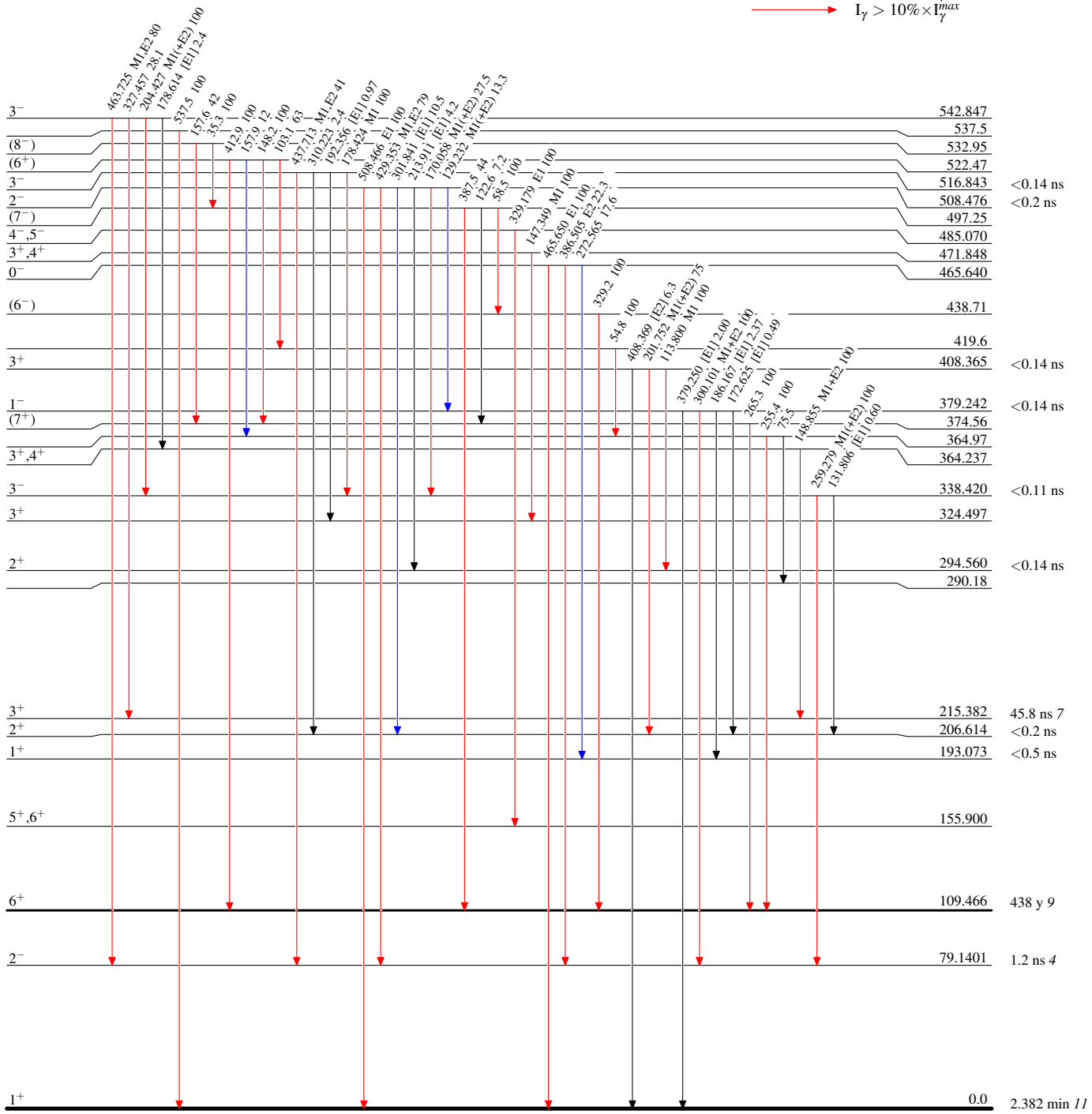
$^{108}_{47}Ag_{61}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Type not specified
& Multiply placed: undivided intensity given

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

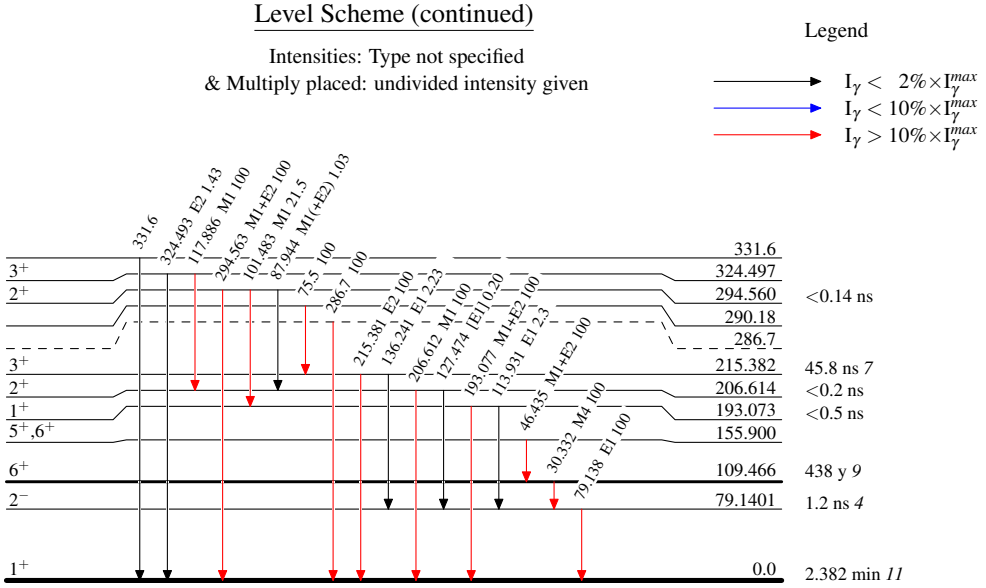


$^{108}_{47}Ag_{61}$

Adopted Levels, Gammas

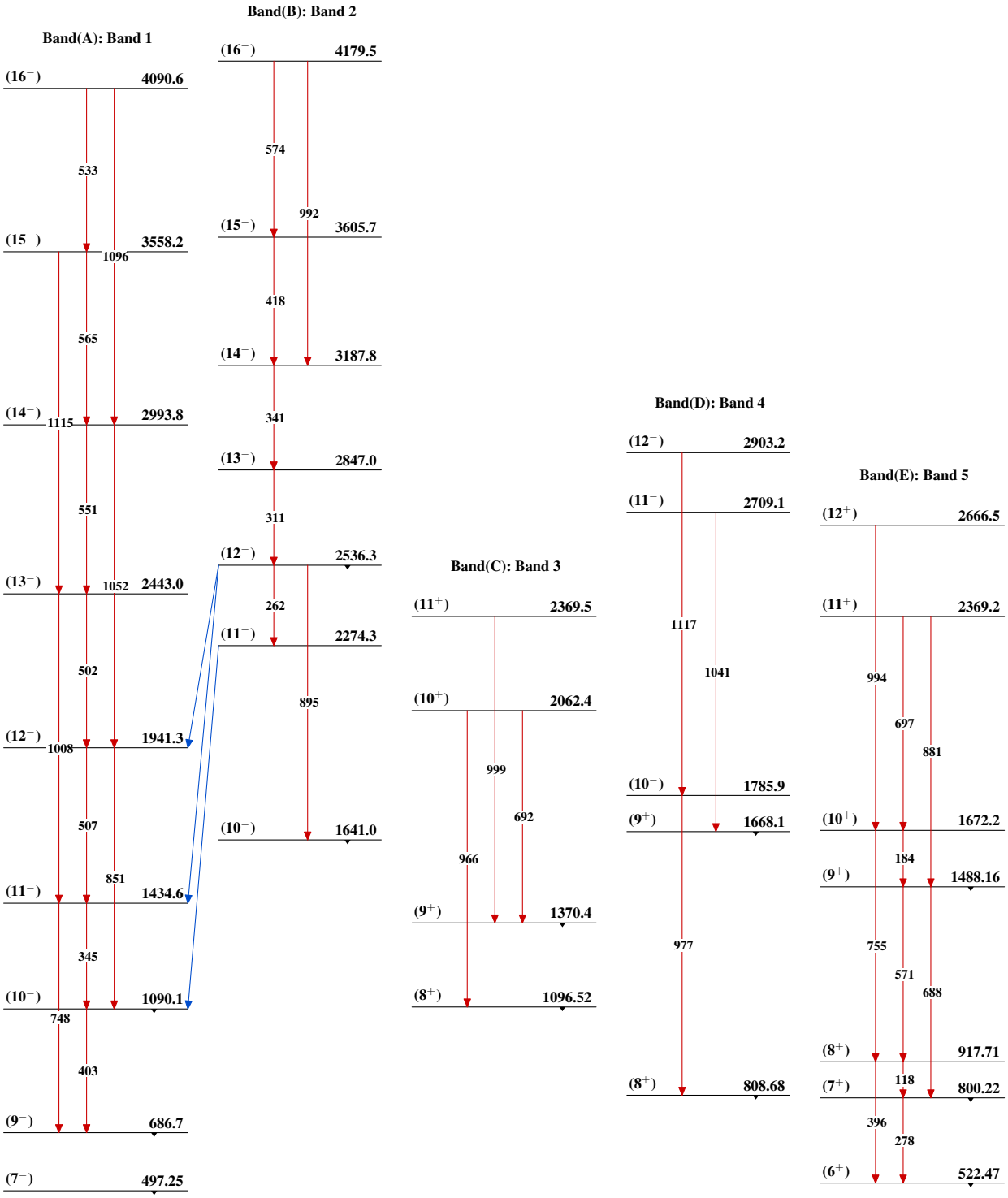
Level Scheme (continued)

Intensities: Type not specified
& Multiply placed: undivided intensity given



$^{108}_{47}Ag_{61}$

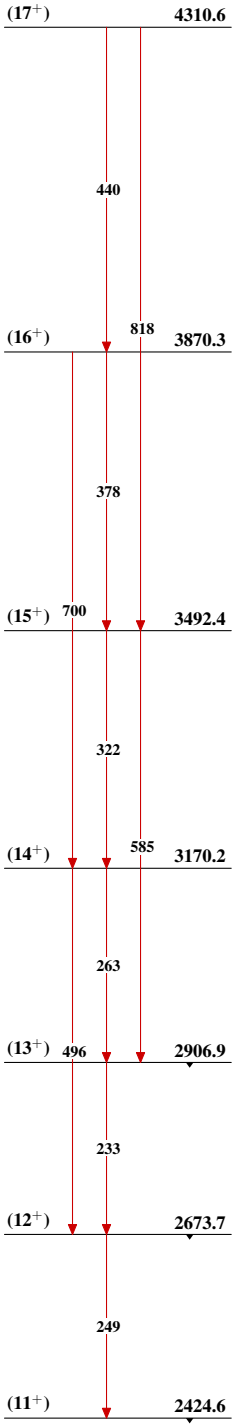
Adopted Levels, Gammas



$^{108}_{47}Ag_{61}$

Adopted Levels, Gammas (continued)

Band(F): Band 6



$^{108}_{47}Ag_{61}$