^{109}Ag(n,γ) E=thermal 1979Bo41,1968El03,1988Ko31

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	G. Gürdal and F. G. Kondev	NDS 113, 1315 (2012)	1-Aug-2011

1979Bo41: γ-rays were measured using bent-crystal spectrometer RITA at Riso.
1968El03: ICE were measured using the beta spectrometer at the research reactor near Munich. Deduced: α(K)exp and α(L)exp.
1988Ko31: The ^{109}Ag target (mixed with iron) was radiated through a neutron guide set up in a horizontal channel in the VVR-M reactor at Leningrad Nuclear Physics Research Institute. Coincidences between prompt and delayed γ-rays were measured. Deduced: $T_{1/2}$.
Others: 1970Ka05, 1967Bo06, 1967Es03, 1963Be51.

^{110}Ag Levels

E(level)†	Jπ‡	$T_{1/2}$#	Comments
0.0	1+	24.56 s *11*	$T_{1/2}$: From Adopted Levels.
1.112 *16*	2−		Additional information 1. E(level): Deduced by the evaluators using Eγ pairs that populate this level and g.s.. ΔEγ were estimated from 1975Cl03. Others: 1.28 keV 10 (1970Ka05), 1.113 (1979Bo41) and 3.18 (1968El03).
118.718 *10*	3+	36.6 ns *6*	$T_{1/2}$: From Adopted Levels.
191.622 *12*	3+		
198.690 *10*	2+	<0.08 ns	
236.859 *12*	≤3−	<0.24 ns	
237.069 *11*	≤3	0.43 ns *8*	
267.230 *9*	≤2+	<0.08 ns	
271.470 *13*	≤2+		
304.525 *10*	1,2,3+	<0.16 ns	
338.960 *14*	2−,3−	<0.08 ns	
360.618 *10*	≤2+	<0.04 ns	
381.207 *10*	≤3−	<0.42 ns	
411.973@ *24*			
424.721 *16*	≤3	<0.13 ns	
432.376 *15*	≤3−	<0.08 ns	
446.6&		0.86 ns *6*	
456.53@ *3*			
466.885@ *21*			
468.850 *12*	≤3	0.22 ns *5*	
471.240 *19*	1,2,3+		
485.741 *13*	≤3+	<0.1 ns	
496.886 *12*		<0.08 ns	
525.677 *17*		<0.08 ns	
527.428 *16*		<0.4 ns	
536.209 *13*		<0.16 ns	
539.6&		<0.1 ns	
549.397 *13*		<0.08 ns	
557.1&		<0.34 ns	
589.8&		<0.14 ns	
592.9&		<0.34 ns	
595.05 *4*		<0.16 ns	
613.058 *25*		<0.07 ns	
615.137 *23*		<0.06 ns	
633.443 *18*		<0.14 ns	
653.930 *17*		<0.36 ns	
663.461 *15*		<0.22 ns	
664.935 *22*		<0.5 ns	

Continued on next page (footnotes at end of table)

^{109}Ag(n,γ) E=thermal 1979Bo41,1968El03,1988Ko31 (continued)

^{110}Ag Levels (continued)

E(level)[†]	J^{π}[‡]	$T_{1/2}$[#]	Comments
683.152 *19*		<0.46 ns	
689.47[@] *4*		<0.46 ns	
698.561 *15*		<0.16 ns	
706.214 *16*			
724.67 *4*			
725.807 *22*		<0.8 ns	
748.598[&] *22*		<0.8 ns	
750.837 *25*		<0.12 ns	
753.0[&]		<0.25 ns	
759.6[&]		<0.21 ns	
767.01 *4*		<1.3 ns	
773.697 *23*		<0.46 ns	
785.683 *19*		<0.5 ns	
789.7[&]		<0.54 ns	
802.73 *4*			
811.420 *24*		<0.22 ns	
819.017 *22*		<0.72 ns	
820.7[&]		<1.1 ns	
854.4[&]		<0.1 ns	
881.5[&]		<0.6 ns	
910.9[&]		<0.42 ns	
953.2[&]		<2.0 ns	
954.4[&]		<0.3 ns	
985.7[&]		<0.7 ns	
995.1[&]		<0.4 ns	
1013.0[&]		<0.84 ns	
1106.7[&]		<1.2 ns	
6809.20 *10*	$0^-,1^-$		E(level): From neutron separation energy (2003Au03). Other: 6810 keV *1* (1967Bo06). J^{π}: From s-wave capture by ^{109}Ag g.s (J^{π}=1/2$^-$).

† From least-squares fit to secondary Eγ′s, unless otherwise stated.
‡ From 1979Bo41, unless otherwise stated.
# From 1988Ko31, unless otherwise stated.
@ From 1978BoZD and 1980BoZW.
& From 1988Ko31.

$\gamma(^{110}$Ag)

Unplaced γ-transitions are either from 1971Gu05 or from 1968El03.

E_i(level)	J_i^{π}	E_{γ}[‡]	I_{γ}[#]	E_f	J_f^{π}	Mult.[&]	α[†]	Comments
118.718	3^+	117.607 *17*	100 *10*	1.112	2^-	E1	0.1005	B(E1)(W.u.)=4.5×10^{-6} *7* α(K)=0.0875 *13*; α(L)=0.01062 *16*; α(M)=0.00200 *3*; α(N+..)=0.000355 *6* α(N)=0.000341 *5*; α(O)=1.401×10^{-5} *21* Mult.: α(K)exp=0.088, α(L1)exp=0.0073.
		118.716 *17*		0.0	1^+			

Continued on next page (footnotes at end of table)

^{109}Ag(n,γ) E=thermal 1979Bo41,1968El03,1988Ko31 (continued)

γ(^{110}Ag) (continued)

E$_i$(level)	J^π_i	E$_\gamma$‡	I$_\gamma$#	E$_f$	J^π_f	Mult.&	α†	Comments
191.622	3$^+$	72.903 *11*	22 *2*	118.718	3$^+$	M1	1.031 *17*	α(K)=0.894 *15*; α(L)=0.1117 *18*; α(M)=0.0213 *4*; α(N+..)=0.00384 *7* α(N)=0.00368 *6*; α(O)=0.000169 *3* Mult.: α(K)exp=0.86 *17*, α(L1)exp=0.11 *7*.
198.690	2$^+$	197.58 *3*		1.112	2$^-$			
		198.69 *3*	185 *19*	0.0	1$^+$	M1	0.0637	B(M1)(W.u.)>0.032 α(K)=0.0554 *8*; α(L)=0.00677 *10*; α(M)=0.001287 *19*; α(N+..)=0.000233 *4* α(N)=0.000223 *4*; α(O)=1.039×10^{-5} *15* Mult.: α(K)exp=0.048 *3*, α(L1)exp=0.0055 *8*.
236.859	≤3$^-$	235.75 *3*	105 *11*	1.112	2$^-$	M1	0.0405	B(M1)(W.u.)>0.0066 α(K)=0.0353 *5*; α(L)=0.00429 *6*; α(M)=0.000815 *12*; α(N+..)=0.0001477 *21* α(N)=0.0001411 *20*; α(O)=6.60×10^{-6} *10* Mult.: α(K)exp=0.027 *1*, α(L1)exp=0.0016 *7* (includes L236.62γ in 1968El03).
237.069	≤3	235.94 *4*		1.112	2$^-$			
		237.05 *4*	30 *3*	0.0	1$^+$	(E1)		Mult.: From α(K)exp=0.00639 *6* calculated by the evaluators using Iγ and I$_e$ in 1968El03. Note that Iγ quoted by the authors are same for both 235.75γ and 237.05γ.
267.230	≤2$^+$	68.552 *10*	7.4 *15*	198.690	2$^+$	M1(+E2)	3.4 *22*	α(K)=2.4 *14*; α(L)=0.8 *7*; α(M)=0.16 *14*; α(N+..)=0.026 *21* α(N)=0.025 *21*; α(O)=0.00035 *16* Mult.: α(K)exp=1.04 *21*, α(L1)exp=0.23 *19*.
		266.11 *4*	57 *6*	1.112	2$^-$			
		267.22 *4*	14.0 *14*	0.0	1$^+$	(M1)	0.0292	α(K)=0.0255 *4*; α(L)=0.00308 *5*; α(M)=0.000586 *9*; α(N+..)=0.0001062 *15* α(N)=0.0001015 *15*; α(O)=4.76×10^{-6} *7* B(M1)(W.u.)>0.0051 E$_\gamma$,I$_\gamma$: 266.95 *10* (Iγ(266.95)=57) and 268.77 20 (Iγ(268.77)=14) were reported in 1971Gu05 but depopulating state(s) were not specified by the authors. Evaluators adopted Iγ(268.77) (assuming that this transition in 1971Gu05 corresponded 267.22 keV transition in 1979Bo41). See 1970Ka05 for different intensities. Mult.: α(K)exp=0.017 *1*. α(K)exp was measured for 266.95 keV transition in 1968El03. The authors did not observe any close γ-ray transition and placed it depopulating 270.2 keV level. Evaluators assigned (M1) mult for 267.22γ based on the decay pattern.
271.470	≤2$^+$	79.847 *12*	23.8 *24*	191.622	3$^+$	M1(+E2)	2.0 *13*	α(K)=1.5 *9*; α(L)=0.4 *4*; α(M)=0.08 *7*; α(N+..)=0.013 *11* α(N)=0.013 *11*; α(O)=0.00023 *10* α(N)=0.00283 *4*; α(O)=0.0001299 *19* Mult.: α(K)exp=0.82 *16*, α(L1)exp=0.08 *3*.
		152.755 *22*	6.2 *12*	118.718	3$^+$	M1(+E2)	0.22 *10*	α(K)=0.19 *8*; α(L)=0.031 *18*; α(M)=0.006

Continued on next page (footnotes at end of table)

^{109}Ag(n,γ) E=thermal 1979Bo41,1968El03,1988Ko31 (continued)

γ(^{110}Ag) (continued)

E_i(level)	J^π_i	E_γ[‡]	I_γ[#]	E_f	J^π_f	Mult.[&]	α[†]	Comments
								4; α(N+..)=0.0010 6 α(N)=0.0010 6; α(O)=3.1×10^{-5} 10 Mult.: α(K)exp=0.15 2.
304.525	1,2,3$^+$	105.824 15	27 3	198.690	2$^+$	M1	0.358	B(M1)(W.u.)>0.083 α(K)=0.311 5; α(L)=0.0385 6; α(M)=0.00734 11; α(N+..)=0.001327 20 α(N)=0.001269 19; α(O)=5.85×10^{-5} 9 I_γ: Other:33 (1970Ka05). Mult.: α(K)exp=0.25 4, α(L1)exp=0.037 7.
		304.538 15		0.0	1$^+$			I_γ: Other: 1.58 (1970Ka05).
338.960	2$^-$,3$^-$	101.856 15		237.069	≤3			
		337.80 5		1.112	2$^-$			
		338.92 5		0.0	1$^+$			
360.618	≤2$^+$	93.402 14	12.5 13	267.230	≤2$^+$	M1(+E2)	1.2 7	α(K)=0.9 5; α(L)=0.22 16; α(M)=0.04 4; α(N+..)=0.007 5 α(N)=0.007 5; α(O)=0.00014 6 I_γ: Other: 18.90 (1970Ka05). Mult.: α(K)exp=0.50 10, α(L1)exp=0.078 24.
		123.571 18		237.069	≤3			
		123.766 18		236.859	≤3$^-$			
		161.920 24	3.2 6	198.690	2$^+$	M1(+E2)	0.19 8	α(K)=0.15 6; α(L)=0.025 14; α(M)=0.005 3; α(N+..)=0.0008 5 α(N)=0.0008 5; α(O)=2.6×10^{-5} 8 I_γ: Other: 5.51 (1970Ka05). Mult.: α(K)exp=0.12 4.
		359.51 5		1.112	2$^-$			I_γ: Other: <18.90 (1970Ka05).
		360.62 5		0.0	1$^+$			I_γ: Other: <18.90 (1970Ka05).
381.207	≤3$^-$	113.976 17		267.230	≤2$^+$			
		144.148 21	≤2.0	237.069	≤3			I_γ: Iγ≤2.0 4 for the 144.148 + 144.342. Only 144.04γ was observed by 1971Gu05.
		144.342 21	≤2.0	236.859	≤3$^-$			I_γ: Iγ≤2.0 4 for the 144.148 + 144.342. Only 144.04γ was observed by 1971Gu05.
		380.09 6	3.94	1.112	2$^-$			I_γ: From 1970Ka05.
		381.20 6	16.5	0.0	1$^+$			I_γ: From 1970Ka05.
411.973		220.35[@] 3		191.622	3$^+$			
		293.26[@] 4		118.718	3$^+$			
		411.96[@] 6		0.0	1$^+$			
424.721	≤3	157.488[a] 23		267.230	≤2$^+$			
		187.65 3		237.069	≤3			
		423.60 6		1.112	2$^-$			
		424.71 6		0.0	1$^+$			
432.376	≤3$^-$	165.138 24		267.230	≤2$^+$			
		195.52 3	≤10	236.859	≤3$^-$			I_γ: ≤10 for 194.610γ + 195.515γ. Only 195.515γ was observed by 1971Gu05. Other: 9.5 (1970Ka05).
		233.67 3		198.690	2$^+$			
		240.76 4		191.622	3$^+$			
		313.64 5		118.718	3$^+$			
		431.38 6		1.112	2$^-$			Iγ=3.15 (1970Ka05).
456.53		185.07[@] 3		271.470	≤2$^+$			
		337.80[@] 5		118.718	3$^+$			

Continued on next page (footnotes at end of table)

^{109}Ag(n,γ) E=thermal 1979Bo41,1968El03,1988Ko31 (continued)

γ(^{110}Ag) (continued)

E_i(level)	J^{π}_i	E_{γ}[‡]	I_{γ}[#]	E_f	J^{π}_f	Mult.[&]	α[†]	Comments
466.885		162.371[@] 24		304.525	1,2,3$^+$			
		275.23[@] 4		191.622	3$^+$			
		348.17[@] 5		118.718	3$^+$			
468.850	≤3	108.229 16		360.618	≤2$^+$			
		164.316 24		304.525	1,2,3$^+$			
		197.38 3		271.470	≤2$^+$			
		231.77 3		237.069	≤3			
		270.15 4		198.690	2$^+$			
		350.12 5		118.718	3$^+$			
471.240	1,2,3$^+$	166.710 24	5.3 11	304.525	1,2,3$^+$			
		234.18 3		237.069	≤3			
		272.54 4		198.690	2$^+$			
485.741	≤3$^+$	125.155 18	3.5 7	360.618	≤2$^+$	M1+E2	0.44 22	α(K)=0.35 16; α(L)=0.07 5; α(M)=0.013 9; α(N+..)=0.0022 14 α(N)=0.0021 14; α(O)=5.7×10^{-5} 21 Mult.: α(K)exp=0.29 4.
		181.27 3		304.525	1,2,3$^+$			
		218.57 3		267.230	≤2$^+$			
		248.92 4		236.859	≤3$^-$			
		287.08 4		198.690	2$^+$			
		294.14 4		191.622	3$^+$			
		367.05 5		118.718	3$^+$			
496.886		115.685 17		381.207	≤3$^-$			
		229.66 3		267.230	≤2$^+$			
		259.82 4		237.069	≤3			
		260.02[a] 4		236.859	≤3$^-$			
		298.18[a] 4		198.690	2$^+$			
		495.76 7		1.112	2$^-$			
		496.87 7		0.0	1$^+$			
525.677		186.76 3		338.960	2$^-$,3$^-$			
		288.62 4		237.069	≤3			
		288.82[a] 4		236.859	≤3$^-$			
		326.97 5		198.690	2$^+$			
		524.54 8		1.112	2$^-$			
527.428		166.891 24		360.618	≤2$^+$			
		188.17 3		338.960	2$^-$,3$^-$			
		256.03 4		271.470	≤2$^+$			
		328.80 5		198.690	2$^+$			
		335.91 5		191.622	3$^+$			
		408.79 6		118.718	3$^+$			
		526.39 8		1.112	2$^-$			
536.209		175.56 3		360.618	≤2$^+$			
		231.66 3		304.525	1,2,3$^+$			
		268.96 4	14 1	267.230	≤2$^+$			
		299.33 4		236.859	≤3$^-$			
		536.16 8		0.0	1$^+$			
549.397		188.77 3		360.618	≤2$^+$			
		244.85 4		304.525	1,2,3$^+$			
		277.88 4		271.470	≤2$^+$			
		282.16 4		267.230	≤2$^+$			
		312.53 5		236.859	≤3$^-$			
		549.38 8		0.0	1$^+$			
595.05		358.00 5		237.069	≤3			
		358.17 5		236.859	≤3$^-$			
		593.91 9		1.112	2$^-$			

Continued on next page (footnotes at end of table)

^{109}Ag(n,γ) E=thermal 1979Bo41,1968El03,1988Ko31 (continued)

γ(^{110}Ag) (continued)

E_i(level)	J^π_i	E_γ[‡]	I_γ[#]	E_f	J^π_f	Comments
595.05		595.07 9		0.0	1$^+$	
613.058		231.84 3		381.207	≤3$^-$	
		274.12 4		338.960	2$^-$,3$^-$	
		494.33 7		118.718	3$^+$	
615.137		182.76 3		432.376	≤3$^-$	
		254.51 4		360.618	≤2$^+$	
		378.08 6		237.069	≤3	
		378.28 6		236.859	≤3$^-$	
		614.04 9		1.112	2$^-$	
633.443		136.555 20	1.2 2	496.886		
		252.24 4		381.207	≤3$^-$	
		272.82 4		360.618	≤2$^+$	
		366.21 5		267.230	≤2$^+$	
		396.39 6		237.069	≤3	
653.930		157.043 23		496.886		
		185.07 3		468.850	≤3	
		315.05 5		338.960	2$^-$,3$^-$	
		417.06 6		236.859	≤3$^-$	
		462.29 7		191.622	3$^+$	
		652.76 10		1.112	2$^-$	
663.461		114.082 17		549.397		
		177.69 3		485.741	≤3$^+$	
		194.61 3	≤10	468.850	≤3	I_γ: ≤10 for 194.610γ + 195.515γ. Only 195.515γ was observed by 1971Gu05.
		302.84 4		360.618	≤2$^+$	
		358.93 5		304.525	1,2,3$^+$	
		464.78 7		198.690	2$^+$	
		662.27 10		1.112	2$^-$	
664.935		283.73 4		381.207	≤3$^-$	
		304.30 5		360.618	≤2$^+$	
		326.01 5		338.960	2$^-$,3$^-$	
		393.49 6		271.470	≤2$^+$	
		427.87 6		237.069	≤3	
		428.06 6		236.859	≤3$^-$	
		466.22 7		198.690	2$^+$	
		663.75 10		1.112	2$^-$	
683.152		157.488[a] 23		525.677		
		214.29 3		468.850	≤3	
		322.52 5		360.618	≤2$^+$	
		378.62 6		304.525	1,2,3$^+$	
		415.91 6		267.230	≤2$^+$	
		484.45 7		198.690	2$^+$	
689.47		232.94[@] 3		456.53		
		422.23[@] 6		267.230	≤2$^+$	
		570.76[@] 8		118.718	3$^+$	
698.561		149.168 22		549.397		
		162.371 24		536.209		
		201.68 3		496.886		
		212.77 3		485.741	≤3$^+$	
		273.85 4		424.721	≤3	
		317.34 5		381.207	≤3$^-$	
		337.95 5		360.618	≤2$^+$	
		461.51 7		237.069	≤3	
		698.58 10		0.0	1$^+$	
706.214		156.754 23		549.397		

Continued on next page (footnotes at end of table)

^{109}Ag(n,γ) E=thermal 1979Bo41,1968El03,1988Ko31 (continued)

γ(^{110}Ag) (continued)

E_i(level)	E_γ[‡]	E_f	J^π_f
706.214	169.923 *25*	536.209	
	220.85 *3*	485.741	≤3$^+$
	237.28 *4*	468.850	≤3
	345.50 *5*	360.618	≤2$^+$
	434.65 *6*	271.470	≤2$^+$
	507.41 *7*	198.690	2$^+$
	514.45[a] *8*	191.622	3$^+$
	587.46 *9*	118.718	3$^+$
724.67	253.43 *4*	471.240	1,2,3$^+$
	605.95 *9*	118.718	3$^+$
	723.57 *11*	1.112	2$^-$
	724.69 *11*	0.0	1$^+$
725.807	228.92 *3*	496.886	
	301.06 *4*	424.721	≤3
	344.60 *5*	381.207	≤3$^-$
	386.90 *6*	338.960	2$^-$,3$^-$
	488.75 *7*	237.069	≤3
748.598	212.39 *3*	536.209	
	323.86 *5*	424.721	≤3
	367.38 *5*	381.207	≤3$^-$
	387.97 *6*	360.618	≤2$^+$
	409.69 *6*	338.960	2$^-$,3$^-$
	549.87 *8*	198.690	2$^+$
	748.63 *11*	0.0	1$^+$
750.837	223.37 *3*	527.428	
	390.25 *6*	360.618	≤2$^+$
	446.34 *7*	304.525	1,2,3$^+$
	483.68 *7*	267.230	≤2$^+$
	632.19 *9*	118.718	3$^+$
	750.89 *11*	0.0	1$^+$
767.01	298.18[a] *4*	468.850	≤3
	406.44 *6*	360.618	≤2$^+$
	648.04 *10*	118.718	3$^+$
	765.93 *11*	1.112	2$^-$
773.697	237.49 *4*	536.209	
	276.80 *4*	496.886	
	348.98 *5*	424.721	≤3
	469.14 *7*	304.525	1,2,3$^+$
	536.72 *8*	237.069	≤3
	574.98 *8*	198.690	2$^+$
	654.99 *10*	118.718	3$^+$
	773.67 *11*	0.0	1$^+$
785.683	236.27 *4*	549.397	
	249.47 *4*	536.209	
	260.02[a] *4*	525.677	
	288.82[a] *4*	496.886	
	316.82 *5*	468.850	≤3
	481.21 *7*	304.525	1,2,3$^+$
	586.97 *7*	198.690	2$^+$
	666.84 *10*	118.718	3$^+$
	785.66 *12*	0.0	1$^+$
802.73	277.07 *4*	525.677	
	611.04 *9*	191.622	3$^+$
	683.98 *10*	118.718	3$^+$
811.420	275.23 *4*	536.209	
	325.64 *5*	485.741	≤3$^+$
	342.62 *5*	468.850	≤3
	450.78 *7*	360.618	≤2$^+$
	506.83 *7*	304.525	1,2,3$^+$
	544.20 *8*	267.230	≤2$^+$
	612.71 *9*	198.690	2$^+$
819.017	165.093 *24*	653.930	
	282.80 *4*	536.209	
	386.64 *6*	432.376	≤3$^-$
	514.45[a] *8*	304.525	1,2,3$^+$
	581.96 *9*	237.069	≤3
	620.32 *10*	198.690	2$^+$

[†] Additional information 2.
[‡] From 1979Bo41, unless otherwise stated. ΔEγs were estimated using 1975Cl03.
[#] From 1971Gu05, unless otherwise stated. Values are normalized to Iγ(117.6)=100. ΔIγ=10% for Iγ≥10 and 20% for Iγ<10 stated by the authors.
[@] From 1978BoZD.
[&] Deduced from α(K)exp and α(L1)exp in 1968El03, unless otherwise stated. α were normalized to α_{exp}(117.607γ) = 0.088 by the authors of 1968El03, assuming that the multipolarity of this transition is E1. Δα(K)exp and Δα(L1)exp were calculated using $\delta I_e/I_e$ by the evaluators.
[a] Multiply placed.
[x] γ ray not placed in level scheme.

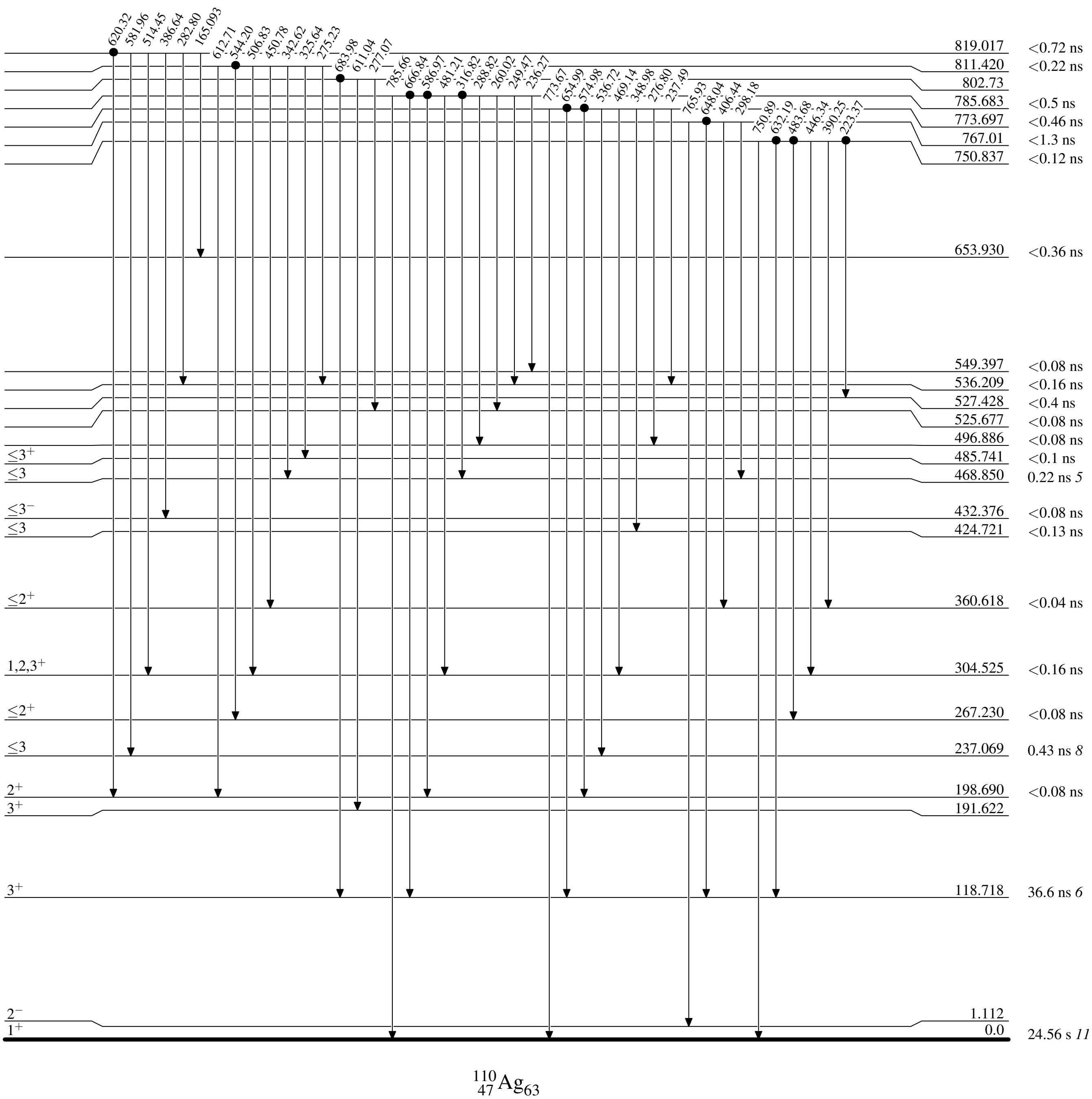
^{109}Ag(n,γ) E=thermal 1979Bo41,1968El03,1988Ko31

Level Scheme

Intensities: Relative photon branching from each level

Legend

● Coincidence



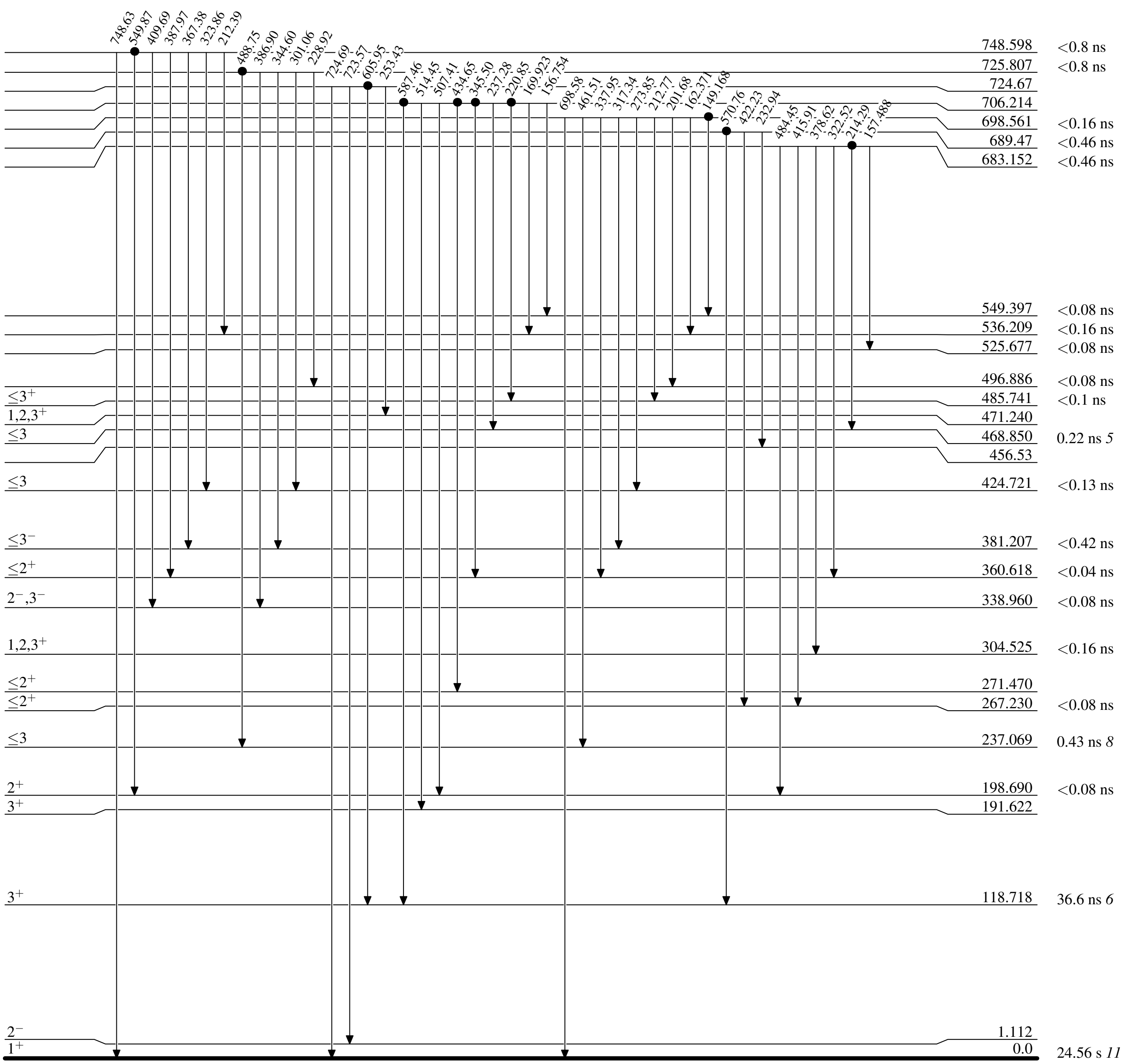
^{109}Ag(n,γ) E=thermal 1979Bo41,1968El03,1988Ko31

Legend

Level Scheme (continued)

Intensities: Relative photon branching from each level

● Coincidence



$^{110}_{47}Ag_{63}$

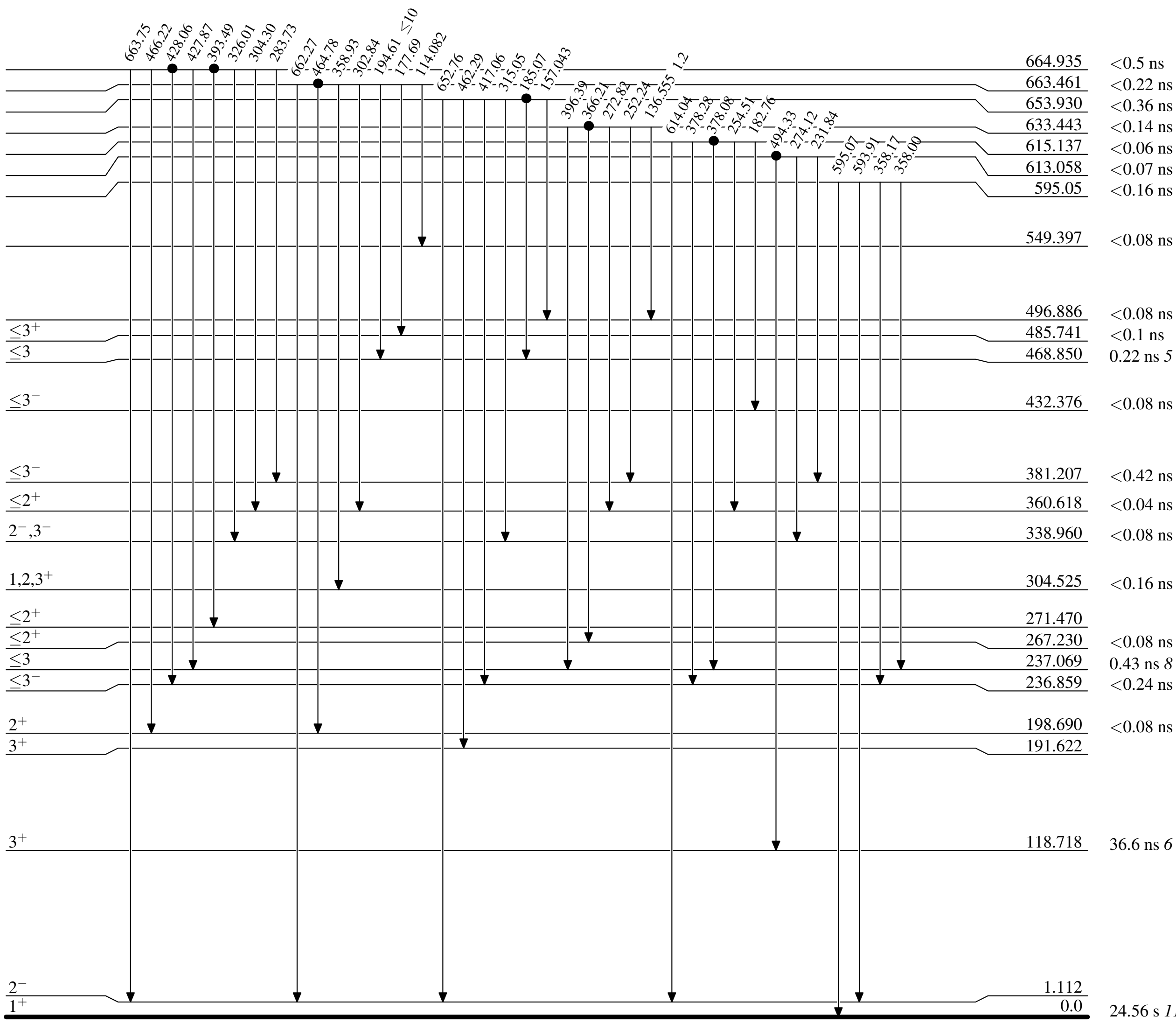
^{109}Ag(n,γ) E=thermal 1979Bo41,1968El03,1988Ko31

Legend

Level Scheme (continued)

Intensities: Relative photon branching from each level

● Coincidence



$^{110}_{47}Ag_{63}$

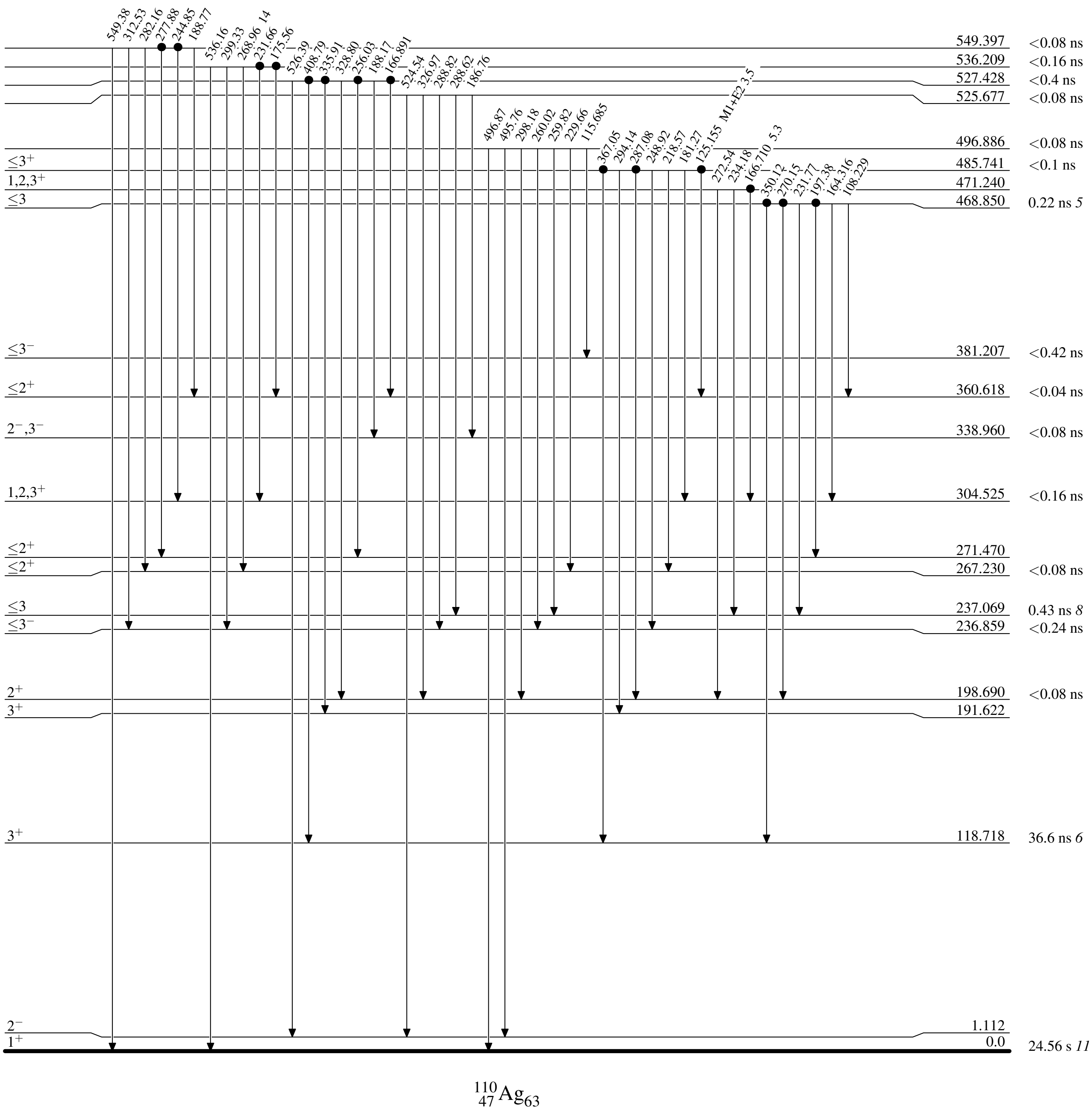
$^{109}Ag(n,\gamma)$ E=thermal 1979Bo41,1968El03,1988Ko31

Level Scheme (continued)

Intensities: Relative photon branching from each level

Legend

● Coincidence



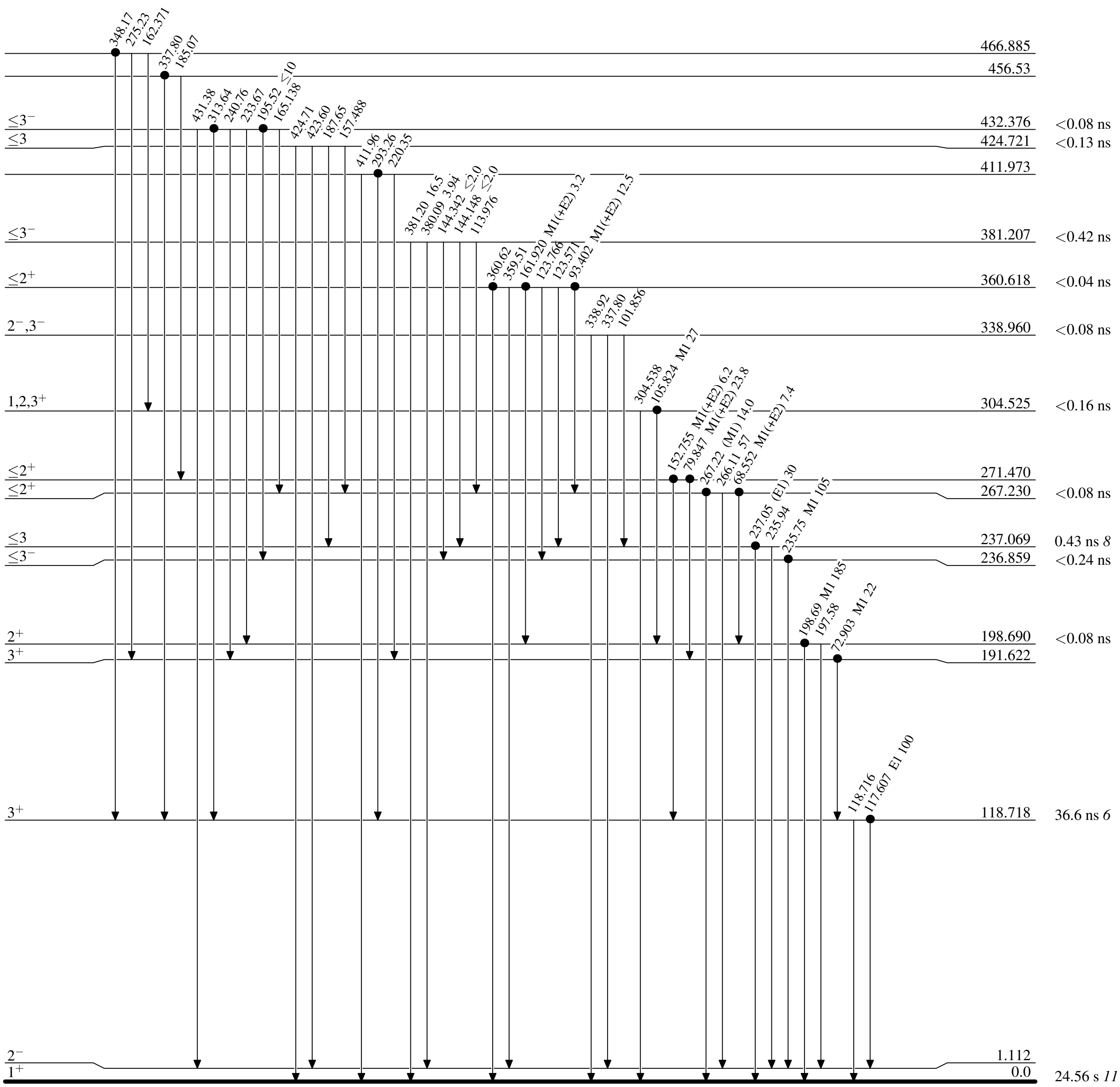
^{109}Ag(n,γ) E=thermal 1979Bo41,1968El03,1988Ko31

Level Scheme (continued)

Intensities: Relative photon branching from each level

Legend

● Coincidence



$^{110}_{47}Ag_{63}$