^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	M. S. Basunia and A. M. Hurst	NDS 134,1 (2016)	1-Feb-2016

Others: 2010Li22,2008Fo04,2006Ar12,2003Fe11,1998Po20,1990Il01,1988Bo37, 1986En03,1986En04,1985Be17, 1983Ke05,1982De15,1982Ke08,1980Ni10, 1968Ha42,1976Ak01,1974De37.

$J^\pi(^{25}Mg)=5/2^+$.

1988En01: ^{25}Mg(p,γ), E=0.31-1.84 MeV; four Ge detectors; Measured Eγ, Iγ. Enriched targets, Ge detectors.

1996Br06: ^{25}Mg(p,γ) – 86% enriched ^{25}Mg target (thickness 20 μg/cm^2) on gold backing, proton beam, E=2-4 MeV, 1.103-, 1.164-, 1.342-MeV; NaI(Tl) detector; Measured Eγ, Iγ, γ yield, $\Gamma(\theta)$, anisotropies, resonance strengths. Deduced levels, J, π, t, δ. Thicker target (50 μg/cm^2) was used for thick-target yield of resonances.

1984Ad07: ^{25}Mg(p,p) Target: 99.7% enriched ^{25}Mg target (thickness 0.6-2.0 μg/cm^2) evaporated onto 5 μg/cm^2 carbon foils; Projectile: proton, E=0.70-2.18 MeV, scattered protons were detected by Si surface-barrier at laboratory angles of 90°, 105°, 135°, and 160°; Measured E$_p$, differential cross sections, deduced L values, spin and parity, Γ_p, spectroscopic factors.

1986En04: ^{25}Mg(p,γ),(p,p) – 98.25% enriched ^{25}Mg target (thickness 5-10 μg/cm^2) evaporated onto 0.3 mm thick Na-free Ta backings; Ep=0.031-1.84 MeV; deduced excited levels, resonance strengths, partial widths. Also studied (p,γ) reaction, Ge detector.

^{26}Al Levels

E(level)[†]	$T_{1/2}$[b]	Comments
0.0		
228.305 *13*		
416.852 *3*		
1057.739 *12*		
1759.034 *8*	>1.5[c] ps	
1850.62 *7*		$T_{1/2}$: 11 fs *5* (1968Ha42), 28 fs *7* (1974De37), 32.6 fs *35* (1983Ke05).
2068.86 *5*		$T_{1/2}$: 263 fs *90* (1968Ha42), 347 fs *120* (1974De37).
2069.47 *3*		$T_{1/2}$: 9 fs *4* (1968Ha42), 13 fs *4* (1974De37), 15 fs *2* (1982Ke08).
2071.64 *4*		$T_{1/2}$: 390 fs *190* (1968Ha42), 370 fs *140* (1974De37), 510 fs *70* (1983Ke05).
2365.150 *18*	>0.830[c] ps	
2545.367 *17*	0.6[c] ps *3*	
2660.92 *5*	>0.900[c] ps	
2740.03 *3*	28[d] fs *5*	$T_{1/2}$: Other: 26 fs *9* (1974De37).
2913.40 *5*	70[d] fs *5*	$T_{1/2}$: Other: 63 fs *12* (1974De37).
3073.63 *4*	215[d] fs *30*	$T_{1/2}$: Other: 104 fs *40* (1974De37).
3159.889 *13*	5.5[d] fs *21*	$T_{1/2}$: Others: 10 fs<(1974De37), 6.2 fs *14* (1982Ke08).
3402.65 *6*	76[d] fs *10*	
3507.63 *8*	18[d] fs *6*	
3596.34 *4*	17[d] fs *3*	$T_{1/2}$: Other: 21 fs *9* (1974De37).
3674.92 *5*	150[d] fs *20*	$T_{1/2}$: Other: 180 fs *50* (1974De37).
3680.68 *6*	8[d] fs *1*	$T_{1/2}$: Other:<17 fs (1974De37).
3723.79 *5*	4.2[d] fs *14*	$T_{1/2}$: Other:<17 fs (1974De37).
3750.90 *4*	15[c] fs *6*	$T_{1/2}$: Other: 26 fs *11* (1983Ke05).
3753.63 *13*	22[c] fs *11*	$T_{1/2}$: Other: 5 fs *2* (1983Ke05).
3921.96 *24*		
3962.83 *5*	37[d] fs *8*	$T_{1/2}$: Other: 28 fs *9* (1974De37).
3977.91 *9*	>1.0 ps	
4191.92 *6*	4.9[d] fs *21*	
4205.86 *5*	62[d] fs *10*	
4349.34 *7*	9[d] fs *3*	$T_{1/2}$: Other:<10 fs (1974De37).
4430.72 *6*	59 fs *13*	
4480.48 *9*	55[d] fs *14*	$T_{1/2}$: Other: 76 fs *21* (1974De37).

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^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07 (continued)

^{26}Al Levels (continued)

E(level)[†]	Jπ[#]	$T_{1/2}$[b]	S[f]	Comments
4547.92 *6*		<10[c] fs		
4599.17 *5*		4.9[d] fs *21*		
4622.38 *5*		53[d] fs *18*		
4705.37 *4*		<3.5[d] fs		$T_{1/2}$: Other: 10 fs<(1974De37).
4773.35 *6*		82[d] fs *12*		
4939.64 *9*		64[d] fs *19*		$T_{1/2}$: Other: 76 fs *21* (1974De37).
4940.79 *5*		24 fs *6*		
4952.30 *4*		10[d] fs *3*		
5006.66 *16*		121 fs *30*		
5010.24 *7*		<6.2 fs		
5131.93 *5*		<3.5 fs		
5141.68 *6*		<4.2 fs		
5195.11 *12*		<24 fs		
5245.28 *4*		12[d] fs *3*		
5395.53 *7*		66[d] fs *50*		
5431.23 *10*		12 fs *6*		
5456.71 *5*		17 fs *4*		
5461.87 *13*		<21 fs		
5487.93 *6*		17 fs *6*		
5494.51 *5*		<4.9 fs		
5513.48 *4*		35[d] fs *4*		
5544.56 *7*		15[d] fs *13*		
5569.16 *19*				
5584.99 *6*				
5598.30 *6*		19 fs *7*		
5671.04 *7*		<28 fs		
5676.07 *5*		22[d] fs *10*		
5692.15 *5*		2.8 fs *11*		
5726.38 *5*		<4.9 fs		
5849.21 *8*		10 fs *6*		
5882.65 *9*		<12 fs		
5916.10 *6*		<2.1[d] fs		
5924.19 *7*		<12 fs		
5949.94 *8*		<30 fs		
6028.02 *4*		<4 fs		
6084.07 *5*		90 fs *20*		
6086.47 *11*		14 fs *11*		
6120.01 *7*	6^+[a]	10 fs *3*		
6197.56 *19*	$1^{(-)}$[a]			
6238.4 *3*		<7 fs		
6254.06 *20*				
6270.19 *11*		<9 fs		
6280.33 *9*		<14 fs		
6343.46 *8*	$4^{(+)}$[a]	<6 fs		
6363.99 *8*		22 fs *11*		
6398.64 *21*				Measured resonance strength $\omega\gamma=2.9\times10^{-10}$ eV *6* (2012St02); $\omega\gamma<2\times10^{-8}$ eV (2006Ar12).
6414.46 *10*				
6436.44 *11*	5^+[a]	<17 fs		
6495.94 *7*	5^+[a]	<8 fs	8.9×10^{-6}[g] *12*	E_p=197.6 keV *5*. $\omega\gamma=1.1\times10^{-7}$ eV *2* (2006Ar12).
6550.68 *7*			6.1×10^{-5}[g] *7*	E_p=254.2 keV *5*.

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^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07 (continued)

^{26}Al Levels (continued)

E(level)[†]	Jπ[#]	$T_{1/2}$[b]	L[#]	S[f]	Comments
6598.32 *16*				6.1×10^{-4}[g] *7*	E_p=304.1 keV *5*. Measured resonance strength ωγ=30.7 meV *17* (2010Li22).
6610.40 *6*		<0.04[e] keV		0.43 *5*	E_p=316.7 keV *5*. Γ from 1985Be17. Resonance strength ωγ=30.7 meV *17* (2010Li22); ωγ=21 meV *2* (2006Ar12).
6680.45 *7*		0.0012 keV *3*		0.88 *8*	E_p=389.6 keV *5*. Γ from 1986En04. ωγ=40 meV *4* (2006Ar12).
6695 *1*					E(level): from 1996Br06. Populated by deexcitation of 9720 level (7$^+$).
6724.25 *7*		<0.04[e] keV		1.57 *19*	E_p=435.1 keV *5*. Γ from 1985Be17. ωγ=71 meV *2* (2006Ar12).
6783.79 *5*		<0.05[e] keV		1.04 *15*	E_p=497.0 keV *5*. Γ from 1985Be17.
6789.30 *4*				0.86 *11*	E_p=502.8 keV *5*.
6801.12 *4*		0.41 eV *20*		0.58 *9*	E_p=515.1 keV *5*. Γ from 1986En04.
6801.60 *16*		0.34 eV *6*		0.23 *9*	E_p=515.6 keV *5*. Γ from 1986En04.
6815.74 *10*				<4×10^{-4}	
6817.86 *9*		0.7 eV *3*		0.25 *2*	E_p=532.5 keV *5*. Γ from 1986En04.
6851.50 *11*				3.8 *4*	E_p=567.4 keV *5*.
6874.29 *8*		0.43 eV *23*		0.14 *6*	E_p=591.2 keV *5*. Γ from 1986En04.
6875.73 *6*				2.60 *20*	E_p=592.7 keV *5*.
6891.70 *4*				0.017 *7*	E_p=609.3 keV *5*.
6936.20 *8*				0.39 *4*	E_p=655.6 keV *5*.
6964.48 *9*				5.6 *8*	E_p=685.0 keV *5*.
7000.91 *9*				2.2 *2*	E_p=722.9 keV *5*.
7015.01 *11*		0.18 eV *5*		0.37 *5*	E_p=737.6 keV *5*. Γ from 1986En04.
7051.22 *7*		0.95 eV *11*		1.60 *13*	E_p=775.2 keV *5*. Γ from 1986En04.
7085.97 *16*				1.7 *3*	E_p=811.4 keV *5*.
7092.78 *9*		0.68 eV *12*		0.19 *2*	E_p=818.5 keV *5*.
7108.71 *8*	(1 to 4)$^-$	0.084 keV *20*	1	0.52 *4*	E_p=835.1 keV *5*.
7141.80 *5*	(1 to 3)$^-$	0.28 keV *5*	1	0.69 *7*	E_p=869.5 keV *5*.
7152.84 *6*	(2,3)$^+$	0.550 keV *25*	0	3.9 *4*	E_p=881.0 keV *5*.
7160.97 *9*	(1 to 4)$^-$	0.180 keV *25*	1	0.60 *5*	E_p=889.5 keV *5*.
7167.65 *6*	(1 to 3)$^-$	0.175 keV *20*	1	0.54 *5*	E_p=896.4 keV *5*.
7198.44 *12*				4.0 *4*	E_p=928.4 keV *5*.
7222.42 *9*				7.6 *7*	E_p=953.4 keV *5*.
7237.68 *5*	(1 to 4)$^-$	0.170 keV *25*	1	0.75 *11*	E_p=969.3 keV *5*.
7253.6 *2*	2$^-$	4.9 keV *5*	1	8.7 *11*	E_p=985.8 keV *5*.
7285.62 *11*				0.041 *15*	E_p=1019.1 keV *5*.
7291.33 *9*	(2 to 5)$^+$	0.305 keV *15*	2	3.1 *3*	E_p=1025.1 keV *5*.
7308.22 *5*				8.3 *7*	E_p=1042.7 keV *5*.
7347.89 *10*	(3,4)$^-$	1.8 keV *2*	1	5.7 *6*	E_p=1083.9 keV *5*.
7366.25 *11*				2.8 *3*	E_p=1103.0 keV *5*.
7396.92 *5*	(2,3)$^+$	0.555 keV *11*	0	1.25 *12*	E_p=1134.9 keV *5*.
7398.70 *10*	3$^-$	2.36 keV *3*	1	5.6 *6*	E_p=1136.8 keV *5*.

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^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07 (continued)

^{26}Al Levels (continued)

E(level)†	Jπ#	$T_{1/2}$ b	L#	S f	Comments
7409.62 8	(2 to 4)⁻	0.62 keV 6	1	4.4 7	E_p=1148.1 keV 5.
7425.07 7	(1 to 4)⁻	0.345 keV 15	2	2.4 3	E_p=1164.2 keV 5.
7439.50 14				0.05 2	E_p=1179.2 keV 5.
7444.16 16	(1 to 4)⁻	0.555 keV 10	1	0.39 3	E_p=1184.1 keV 5.
7455.34 19				4.5 4	E_p=1195.7 keV 5.
7464.44 11				5.3 7	E_p=1205.2 keV 5.
7495.38 4	3⁺	1.48 keV 2	0	8.3 11	E_p=1237.3 keV 5.
7497 2	2⁻	0.75 keV 20	1	1.7 3	E_p=1239 keV 2.
7529.26 5				0.10 4	E_p=1272.6 keV 5.
7539.52 11	2⁻	3.3 keV 3	1	3.7 10	E_p=1283.3 keV 5.
7548.20 9				0.21 5	E_p=1292.3 keV 5.
7557.56 25	2⁺	0.91 keV 4	0	4.3 8	E_p=1302.1 keV 6.
7561.2 2	2⁺	5.0 keV 5	0	13 2	E_p=1305.8 keV 5.
7591.55 10	(0 to 5)⁺	0.017 keV 4	2	1.0 3	E_p=1337.1 keV 5.
7596.06 12				2.9 3	E_p=1342.1 keV 5.
7604.80 10	2,(3)⁻	0.62 keV 8	1	1.2 2	E_p=1351.2 keV 5.
7622.68 10				1.4 3	E_p=1369.8 keV 5.
7627.52 12	(0 to 5)⁺	0.900 keV 3	2	14.9 12	E_p=1374.8 keV 5.
7647.8 4		0.023 keV 14		0.012 3	E_p=1395.9 keV 6. Γ from 1986En04.
7761.84 10	3⁻	1.57 keV 2	1	1.2 4	E_p=1514.6 keV 5.
7772.25 6				2.9 4	E_p=1525.4 keV 5.
7773 2	1⁻	5.3 keV 8	1	0.07 2	E_p=1526 keV 2.
7813.63 18	1⁺	2.7 keV 3	2	1.2 3	E_p=1568.4 keV 5. Γ from 1986En04.
7824.66 15	4,(3)⁻	0.99 keV 14	1	1.1 3	E_p=1579.9 keV 5.
7831.61 7	(2 to 5)⁺	0.85 keV 3	2	8.2 10	E_p=1587.2 keV 5.
7865.0 3	2⁺	6.6 keV 10	0	3.7 12	E_p=1621.9 keV 6.
7874.29 15	3⁺	1.9 keV 2	0	7.2 6	E_p=1631.6 keV 5.
7879.6 3		3.7 keV 4		1.2 2	E_p=1637.1 keV 6. Γ from 1986En04.
7891.17 9	4⁺	4.50 keV 14	2	35 3	E_p=1649.1 keV 5.
7921.27 14				0.4 2	E_p=1680.4 keV 5.
7938.79 8	3⁺	4.6 keV 3	0	25 3	E_p=1698.7 keV 5.
7953.35 6	(4,5)⁺	6.82 keV 5	2	38 5	E_p=1713.8 keV 5.
7982 2	2⁺	12 keV 2	0	14.8 15	E_p=1744 keV 2.
8000.63 7	1⁻	0.71 keV 15	1	1.1 2	E_p=1763.0 keV 5. Γ from 1986En04.
8008.08 9	2⁺	0.76 keV 13	0	2.3 4	E_p=1770.8 keV 5.
8011.18 6	5,(3,4)⁻	0.14 keV 4	3	2.4 8	E_p=1773.9 keV 5.
8035.7 3				0.18 3	E_p=1799.5 keV 6.
8046.64 10	3⁻	1.9 keV 3	1	0.9 2	E_p=1810.9 keV 5.
8064 2	2⁺	7.3 keV 11	0	7.6 15	E_p=1829 keV 2.
8066 2					E_p=1831 keV 2.
8067.44 9	(5,6)⁻	0.20 keV 5	3	2.3 7	E_p=1832.5 keV 5.
8116 2	3⁺	5.9 keV 9	0		E_p=1883 keV 2.
8130 2	1,(2)⁻	1.2 keV 2	3		E_p=1898 keV 2.
8131 2	3⁻	2.7 keV 4	1		E_p=1899 keV 2.
8164 2	1⁻	10.5 keV 16	1		E_p=1933 keV 2.
8174 2	3⁺	23 keV 3	0		E_p=1943 keV 2.
8186 2	4,(5)⁺	0.26 keV 7	2		E_p=1956 keV 2.
8227 2	4⁺	0.61 keV 9	2		E_p=1998 keV 2.
8249 2	2⁻	11 keV 2	1		E_p=2021 keV 2.
8256 2	4⁻	0.25 keV 6	3		E_p=2029 keV 2.
8261 2	3⁻	9.6 keV 14	1		E_p=2034 keV 2.

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^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07 (continued)

^{26}Al Levels (continued)

E(level)[†]	J^{π}[#]	$T_{1/2}$[b]	L[#]	S[f]	Comments
8272 *2*	2^-	8.2 keV *12*	1		E_p=2045 keV *2*.
8294 *2*	3^+	25 keV *4*	0		E_p=2068 keV *2*.
8310 *2*	2^-	1.5 keV *2*	1		E_p=2085 keV *2*.
8347 *2*	3^-	40 keV *6*	0		E_p=2123 keV *2*.
8531[‡] *1*	4[@]			1.8[‡] *4*	E_p=2313 keV *1* (1996Br06).
8602[‡] *1*	$(5,6)^+$[&]			1.9[‡] *4*	E_p=2387 keV *1* (1996Br06).
8747[‡] *1*	6^+[&]			4.4[‡] *9*	E_p=2538 keV *1* (1996Br06).
8924[‡] *1*	4[@]			19[‡] *4*	E_p=2722 keV *1* (1996Br06).
9060[‡] *1*	4[@]			6.1[‡] *12*	E_p=2864 keV *1* (1996Br06).
9271[‡] *1*	6^-,4[&]				E_p=3083 keV *1* (1996Br06). E(level),J^{π}: Doublet with $J^{\pi}=6^-$ and 4 components (1996Br06). E_p=3083 keV *1* (doublet) (1996Br06).
9286[‡] *1*	5[&]			7.8[‡] *16*	E_p=3099 keV *1* (1996Br06).
9311[‡] *1*	$(3^+,4)$[@]			6.4[‡] *3*	E_p=3125 keV *1* (1996Br06).
9720[‡] *1*	7^+,(3,4)[&]				E(level),J^{π}: Doublet with $J^{\pi}=7^+$ and (3,4) components. 7^+ component populates 6695 keV level. E_p=3550 keV *1* (doublet) (1996Br06).
9986[‡] *1*	7^+[&]			8.6[‡] *17*	E_p=3827 keV *1* (1996Br06).

[†] From 1988En01. Listed E_p values are from 1986En04 and 1984Ad07 (Also in Table 26.17 – 1990En08), except otherwise noted.
[‡] From 1996Br06.
[#] From (p,p) (1984Ad07), except noted otherwise, based on cross section measurements and analyses.
[@] From 1996Br06, based on $I_\gamma(0°)/I(75°)$ measurements.
[&] From 1996Br06, based on σ_g(THETA) measurements.
[a] From 1996Br06, based on γ-ray angular distribution measurements, feeding, and other studies in the literature.
[b] Half-life or Γ. Half-life from 1988En01 and Γ from 1984Ad07, except otherwise noted. Listed Γ from 1984Ad07 is $\Gamma_p+\Gamma_\gamma$.
[c] From 1974De37.
[d] From 1983Ke05.
[e] For these levels Γ_0/Γ=1 is probable on the basis of strength statistics.
[f] From 1986En04, except otherwise noted.
[g] From 1990Il01.

$\gamma(^{26}Al)$

E_i(level)	E_γ[†]	I_γ[‡]	E_f
416.852	416.848	100.0	0.0
1057.739	829.3 *4*	100.0	228.305
1759.034	701.285	2.04 *10*	1057.739
	1342.145	100.00 *10*	416.852
1850.62	1433.73	0.70 *10*	416.852
	1622.0 *7*	100.00 *10*	228.305
2068.86	1651.95	100.0 *15*	416.852
	2068.77	44.9 *15*	0.0
2069.47	218.85	0.053 *13*	1850.62
	310.43	0.23 *3*	1759.034
	1011.71	100.0 *12*	1057.739
	1652.56	28.4 *11*	416.852
	1841.09	4.0 *5*	228.305
2071.64	221.02	0.045 *11*	1850.62
	1654.73	11.9 *10*	416.852
2071.64	1842.8 *7*	100.0 *10*	228.305
2365.150	295.678	100.0 *20*	2069.47
	606.108	2.90 *10*	1759.034
	1307.375	26.9 *8*	1057.739
	1948.219	64.7 *20*	416.852
	2365.034	1.75 *8*	0.0
2545.367	475.892	100.0 *15*	2069.47
	786.320	4.9 *3*	1759.034
	1487.582	3.7 *3*	1057.739
	2128.421	38.2 *15*	416.852
	2545.232	0.31 *9*	0.0
2660.92	589.27	5.6 *13*	2071.64
	591.44	41.0 *16*	2069.47
	810.29	2.5 *3*	1850.62
	901.87	1.02 *8*	1759.034

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^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07 (continued)

γ(^{26}Al) (continued)

E_i(level)	$E_γ$†	$I_γ$‡	E_f	E_i(level)	$E_γ$†	$I_γ$‡	E_f
2660.92	1603.13	14.8 *5*	1057.739	3750.90	2693.01	13.9 *4*	1057.739
	2243.96	100 *3*	416.852		3333.82	9.0 *12*	416.852
2740.03	2323.07	0.81 *20*	416.852	3753.63	1013.58	2.2 *3*	2740.03
	2511.59	100.00 *20*	228.305		1681.93	11.0 *3*	2071.64
2913.40	843.92	100.0 *13*	2069.47		1902.93	3.0 *4*	1850.62
	1062.76	1.55 *6*	1850.62		2695.74	100.0 *5*	1057.739
	1154.34	1.17 *6*	1759.034	3921.96	3921.64	100.0	0.0
	1855.59	1.17 *6*	1057.739	3962.83	1222.77	0.7 *3*	2740.03
	2496.42	43.7 *13*	416.852		1301.88	2.1 *10*	2660.92
3073.63	1004.14	100.0 *6*	2069.47		1597.63	4.9 *4*	2365.150
	1222.98	3.23 *10*	1850.62		1893.29	100.0 *14*	2069.47
	1314.56	0.44 *5*	1759.034		2112.12	2.3 *3*	1850.62
	2015.81	14.7 *5*	1057.739		2203.70	3.1 *4*	1759.034
	2656.63	0.60 *24*	416.852		2904.92	15.9 *6*	1057.739
	3073.43	0.95 *11*	0.0		3545.72	5.6 *4*	416.852
3159.889	614.514	2.24 *8*	2545.367		3962.50	7.9 *4*	0.0
	794.726	0.35 *8*	2365.150	3977.91	1906.19	1.5 *3*	2071.64
	1088.224	4.25 *13*	2071.64		2127.20	100.0 *16*	1850.62
	1309.233	0.55 *5*	1850.62		2919.99	59.7 *16*	1057.739
	1400.814	23.1 *6*	1759.034	4191.92	595.57	1.50 *12*	3596.34
	2102.058	25.7 *8*	1057.739		1278.49	0.66 *7*	2913.40
	2742.881	100.0 *11*	416.852		1530.95	0.9 *3*	2660.92
	2931.406	0.69 *8*	228.305		1646.50	3.57 *17*	2545.367
3402.65	1037.48	0.84 *11*	2365.150		1826.70	15.8 *9*	2365.150
	1333.75	9.3 *4*	2068.86		2122.97	40.6 *12*	2068.86
	2985.61	100.0 *18*	416.852		2432.76	6.6 *3*	1759.034
	3402.41	64.9 *18*	0.0		3774.77	100.0 *15*	416.852
3507.63	1438.73	0.32 *7*	2068.86		4191.56	0.41 *10*	0.0
	3507.37	100.00 *10*	0.0	4205.86	530.93	0.061 *15*	3674.92
3596.34	1526.82	100.00 *22*	2069.47		1132.20	0.79 *5*	3073.63
	1745.66	1.07 *7*	1850.62		1292.43	0.95 *8*	2913.40
	2538.47	3.48 *11*	1057.739		1544.89	12.3 *8*	2660.92
	3179.28	0.20 *4*	416.852		1660.44	4.8 *3*	2545.367
	3596.07	4.02 *22*	0.0		1840.64	10.3 *8*	2365.150
3674.92	1129.53	3.5 *4*	2545.367		2136.91	16.1 *11*	2068.86
	1309.73	14.2 *7*	2365.150		2446.70	1.67 *11*	1759.034
	1606.01	1.75 *18*	2068.86		3788.71	100.0 *15*	416.852
	1915.81	48.0 *14*	1759.034		4205.49	4.4 *3*	0.0
	3257.85	100.0 *16*	416.852	4349.34	2279.76	100.0 *6*	2069.47
	3674.64	7.7 *4*	0.0		2590.17	0.85 *10*	1759.034
3680.68	520.79	0.28 *4*	3159.889		3291.38	1.90 *20*	1057.739
	767.27	0.13 *5*	2913.40		3932.17	2.8 *6*	416.852
	1611.16	100.00 *21*	2069.47		4348.95	0.64 *11*	0.0
	1829.99	0.19 *4*	1850.62	4430.72	1270.80	5.7 *5*	3159.889
	1921.57	1.23 *6*	1759.034		1885.28	1.6 *5*	2545.367
	2622.80	2.79 *21*	1057.739		2065.48	3.0 *10*	2365.150
	3263.61	1.77 *8*	416.852		2361.13	100 *5*	2069.47
	3680.40	0.77 *8*	0.0		2579.96	1.0 *5*	1850.62
3723.79	1062.87	0.35 *9*	2660.92		2671.54	4.8 *10*	1759.034
	2665.92	0.44 *9*	1057.739		3372.74	1.1 *3*	1057.739
	3495.25	100.00 *10*	228.305		4013.53	48 *5*	416.852
3750.90	591.00	23.2 *14*	3159.889	4480.48	1740.39	37.0 *14*	2740.03
	837.49	0.57 *10*	2913.40		2408.72	100.0 *23*	2071.64
	1385.71	0.19 *10*	2365.150		2629.72	77.3 *23*	1850.62
	1681.37	100 *3*	2069.47		3422.50	11.8 *11*	1057.739
	1900.20	0.39 *10*	1850.62	4547.92	867.22	0.48 *6*	3680.68
	1991.78	0.28 *9*	1759.034		1634.46	1.00 *8*	2913.40

Continued on next page (footnotes at end of table)

$^{25}Mg(p,\gamma),(p,p)$ 1988En01,1996Br06,1984Ad07 (continued)

$\gamma(^{26}Al)$ (continued)

E_i(level)	E_γ †	I_γ ‡	E_f
4547.92	1807.82	1.48 10	2740.03
	1886.93	0.42 10	2660.92
	2002.47	11.0 4	2545.367
	2182.67	6.87 21	2365.150
	2476.15	2.71 13	2071.64
	2697.15	0.17 6	1850.62
	2788.72	14.6 4	1759.034
	3489.93	100.0 21	1057.739
	4130.71	68.8 21	416.852
	4319.23	1.19 10	228.305
4599.17	848.26	3.8 4	3750.90
	918.47	1.66 10	3680.68
	924.23	6.5 4	3674.92
	1525.49	2.10 21	3073.63
	1685.71	7.1 4	2913.40
	1938.17	13.8 6	2660.92
	2053.72	10.5 4	2545.367
	2233.92	5.45 21	2365.150
	2530.18	5.45 21	2068.86
	2839.97	100.0 19	1759.034
	4181.95	53.0 17	416.852
4622.38	1462.45	3.4 6	3159.889
	1548.70	14.1 13	3073.63
	1882.28	100 3	2740.03
	1961.38	60.0 16	2660.92
	2076.92	6.6 19	2545.367
	2257.12	3.8 9	2365.150
	2552.77	57.2 25	2069.47
	2771.60	28.4 22	1850.62
	3564.38	4.7 9	1057.739
	4205.16	35.9 25	416.852
4705.37	1024.67	0.9 4	3680.68
	1631.68	1.1 4	3073.63
	2159.91	27.9 9	2545.367
	2340.11	44.7 14	2365.150
	2636.37	1.05 18	2068.86
	4288.14	0.53 18	416.852
	4704.91	100.0 18	0.0
4773.35	581.42	13.7 10	4191.92
	1092.65	1.27 10	3680.68
	1098.41	0.40 10	3674.92
	1176.98	0.87 13	3596.34
	1370.66	2.0 7	3402.65
	1699.66	11.7 7	3073.63
	1859.88	19.3 7	2913.40
	2112.34	87 3	2660.92
	2227.88	18.0 7	2545.367
	2408.08	27.0 10	2365.150
	2704.34	10.0 10	2068.86
	3014.13	1.3 3	1759.034
	4356.10	100 3	416.852
	4772.88	40.3 17	0.0
4939.64	1185.98	5.25 25	3753.63
	1779.69	1.3 4	3159.889
	2199.51	0.6 4	2740.03
	2278.61	1.0 3	2660.92
	2867.83	7.1 15	2071.64
4939.64	2870.00	6.1 15	2069.47
	3088.82	1.0 4	1850.62
	3180.40	0.63 25	1759.034
	3881.59	1.5 5	1057.739
	4710.87	100.0 13	228.305
4940.79	1265.84	0.56 19	3674.92
	1433.12	3.33 19	3507.63
	1867.09	0.46 15	3073.63
	2395.30	39.8 15	2545.367
	2575.50	38.1 11	2365.150
	2871.76	1.3 4	2068.86
	4523.51	100.0 19	416.852
	4940.28	2.0 4	0.0
4952.30	760.37	2.3 4	4191.92
	1792.34	100.0 18	3159.889
	2038.81	1.58 18	2913.40
	2212.17	1.75 18	2740.03
	2406.81	1.1 4	2545.367
	2882.66	44.0 14	2069.47
	3101.48	4.6 4	1850.62
	3894.25	3.3 4	1057.739
	4535.02	16.5 5	416.852
5006.66	2093.17	4.2 8	2913.40
	2266.52	3.5 8	2740.03
	2345.63	3.5 9	2660.92
	2937.01	100 3	2069.47
	3155.83	2.9 12	1850.62
	3247.41	10.8 15	1759.034
	3948.60	29.2 15	1057.739
5010.24	1256.58	2.4 8	3753.63
	4781.46	100.0 8	228.305
5131.93	782.58	0.72 7	4349.34
	926.05	1.17 5	4205.86
	939.99	0.200 20	4191.92
	1169.07	4.5 13	3962.83
	1451.21	1.01 15	3680.68
	1456.97	0.27 5	3674.92
	1535.54	9.20 20	3596.34
	1729.22	11.2 5	3402.65
	1971.96	0.61 7	3159.889
	2058.21	42.8 13	3073.63
	2586.42	2.17 16	2545.367
	2766.62	100.0 20	2365.150
	3062.27	11.4 22	2069.47
	3062.88	35.9 22	2068.86
	3372.66	0.110 20	1759.034
	4714.62	1.40 20	416.852
	5131.38	0.94 7	0.0
5141.68	1178.82	1.6 3	3962.83
	1545.29	1.7 4	3596.34
	2776.37	0.86 12	2365.150
	3069.84	1.0 4	2071.64
	3382.41	14.8 12	1759.034
	4083.59	3.6 5	1057.739
	4724.36	100.0 25	416.852
5195.11	1471.25	35.7 24	3723.79
	3123.27	100 7	2071.64

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^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07 (continued)

γ(^{26}Al) (continued)

E$_i$(level)	E$_γ$ †	I$_γ$ ‡	E$_f$
5195.11	3344.26	21.4 *24*	1850.62
	4137.02	81 *7*	1057.739
5245.28	539.90	5.9 *4*	4705.37
	895.92	0.70 *9*	4349.34
	1039.40	0.93 *11*	4205.86
	1053.34	100.0 *22*	4191.92
	1282.42	3.91 *22*	3962.83
	1494.33	0.17 *7*	3750.90
	1564.55	0.93 *9*	3680.68
	1570.31	0.41 *11*	3674.92
	1648.88	4.6 *11*	3596.34
	1737.59	0.54 *9*	3507.63
	1842.56	3.3 *11*	3402.65
	2171.55	11.3 *4*	3073.63
	2331.77	12.2 *4*	2913.40
	2584.22	6.30 *20*	2660.92
	2699.76	5.4 *4*	2545.367
	2879.96	19.8 *7*	2365.150
	3175.60	8.3 *4*	2069.47
	3485.99	16.1 *7*	1759.034
	4827.94	8.5 *4*	416.852
	5244.71	7.8 *4*	0.0
5395.53	773.14	0.85 *11*	4622.38
	796.35	4.13 *22*	4599.17
	1203.58	13.3 *4*	4191.92
	1720.55	0.33 *9*	3674.92
	1799.12	6.52 *22*	3596.34
	1992.80	0.24 *11*	3402.65
	2321.79	4.13 *22*	3073.63
	2849.99	2.83 *22*	2545.367
	3030.19	7.83 *22*	2365.150
	3326.44	4.57 *22*	2068.86
	4978.16	100.0 *22*	416.852
	5394.93	71.7 *22*	0.0
5431.23	883.29	2.33 *21*	4547.92
	950.73	0.82 *21*	4480.48
	1677.54	79 *9*	3753.63
	2770.15	1.5 *3*	2660.92
	3359.36	36 *15*	2071.64
	3361.53	100 *15*	2069.47
	3580.34	18.8 *6*	1850.62
	3671.92	2.4 *3*	1759.034
	4373.09	82 *6*	1057.739
	5202.36	55.8 *18*	228.305
5456.71	751.33	1.1 *3*	4705.37
	908.77	15.3 *8*	4547.92
	1705.75	1.4 *6*	3750.90
	1775.96	1.4 *6*	3680.68
	1781.72	1.4 *6*	3674.92
	1860.30	1.1 *3*	3596.34
	2296.71	14.4 *8*	3159.889
	2382.96	15.6 *8*	3073.63
	2795.63	53.3 *25*	2660.92
	2911.17	3.3 *6*	2545.367
	3091.36	6.1 *6*	2365.150
	3387.00	27.5 *11*	2069.47
	3697.39	18.3 *8*	1759.034
5456.71	5039.33	100 *8*	416.852
5461.87	2301.87	26 *9*	3159.889
	2548.34	87 *17*	2913.40
	2721.69	74 *13*	2740.03
	2800.79	35 *9*	2660.92
	3610.98	35 *13*	1850.62
	3702.55	100 *13*	1759.034
	4403.73	78 *13*	1057.739
5487.93	2085.19	5.3 *19*	3402.65
	2414.18	100 *5*	3073.63
	3122.58	14 *3*	2365.150
	3418.83	22 *3*	2068.86
	5487.30	16 *3*	0.0
5494.51	946.57	2.42 *22*	4547.92
	1898.09	3.1 *10*	3596.34
	2334.51	4.7 *6*	3159.889
	3424.80	100.0 *11*	2069.47
5513.48	381.55	0.70 *14*	5131.93
	808.10	1.62 *16*	4705.37
	1164.11	3.11 *19*	4349.34
	1321.52	100 *3*	4191.92
	1762.52	0.78 *19*	3750.90
	1917.06	1.1 *3*	3596.34
	2599.94	2.89 *22*	2913.40
	2852.39	1.97 *22*	2660.92
	2967.93	1.97 *24*	2545.367
	3148.12	16.5 *5*	2365.150
	3444.37	11.6 *5*	2068.86
	3754.15	71.9 *22*	1759.034
	5096.09	25.7 *11*	416.852
	5512.85	30.3 *11*	0.0
5544.56	1581.68	6.4 *11*	3962.83
	1793.59	71 *4*	3750.90
	1820.68	4.3 *14*	3723.79
	1948.14	18 *4*	3596.34
	2470.80	7.1 *14*	3073.63
	2631.02	16 *3*	2913.40
	2883.47	7.9 *14*	2660.92
	2999.01	8.6 *18*	2545.367
	3179.20	48 *3*	2365.150
	3472.67	8.6 *14*	2071.64
	3693.66	3.2 *11*	1850.62
	3785.23	40.7 *25*	1759.034
	4486.40	10.0 *18*	1057.739
	5127.16	100 *7*	416.852
	5315.67	5.7 *14*	228.305
5569.16	863.77	23 *7*	4705.37
	3500.05	39 *11*	2068.86
	5568.52	100 *13*	0.0
5584.99	1037.05	7.2 *4*	4547.92
	1831.29	2.8 *4*	3753.63
	2424.98	1.2 *4*	3159.889
	2671.44	3.0 *4*	2913.40
	3825.65	1.6 *5*	1759.034
	5356.09	100.0 *8*	228.305
5598.30	2438.29	100 *8*	3159.889
	3528.57	78 *8*	2069.47

Continued on next page (footnotes at end of table)

$^{25}Mg(p,\gamma),(p,p)$ 1988En01,1996Br06,1984Ad07 (continued)

$\gamma(^{26}Al)$ (continued)

E_i(level)	E_γ †	I_γ ‡	E_f	E_i(level)	J^π_i	E_γ †	I_γ ‡	E_f
5598.30	5180.89	73 *8*	416.852	5882.65		4123.26	7 *3*	1759.034
5671.04	1917.33	100 *4*	3753.63			5465.18	32.6 *23*	416.852
	1990.28	6.5 *16*	3680.68	5916.10		774.41	2.7 *5*	5141.68
	2511.02	46.9 *20*	3159.889			1724.12	14.5 *9*	4191.92
	4612.86	15.9 *24*	1057.739			2165.10	5 *3*	3750.90
	5253.61	11.8 *18*	416.852			2756.05	7.5 *9*	3159.889
	5442.12	22 *4*	228.305			3002.51	4.3 *9*	2913.40
5676.07	1076.88	3.56 *18*	4599.17			3550.69	3.6 *9*	2365.150
	1484.10	15.6 *4*	4191.92			3846.32	48.6 *16*	2069.47
	1995.31	3.02 *18*	3680.68			4065.14	10.7 *25*	1850.62
	2001.07	0.49 *18*	3674.92			4156.71	15.0 *11*	1759.034
	3130.50	7.78 *22*	2545.367			4857.87	14 *5*	1057.739
	3310.69	1.76 *18*	2365.150			5498.62	100 *5*	416.852
	3606.94	0.84 *16*	2068.86	5924.19		2243.41	40 *6*	3680.68
	5258.64	100.0 *22*	416.852			2521.41	7.3 *13*	3402.65
	5675.40	88.9 *22*	0.0			3378.59	100 *6*	2545.367
5692.15	550.46	0.52 *16*	5141.68			3855.02	23 *4*	2068.86
	1092.96	0.55 *18*	4599.17			5923.46	38 *4*	0.0
	1144.20	0.48 *20*	4547.92	5949.94		2196.20	47 *6*	3753.63
	1486.24	0.95 *18*	4205.86			2789.88	100 *9*	3159.889
	1500.18	41.6 *14*	4191.92			3880.15	50 *9*	2069.47
	2011.39	4.1 *3*	3680.68			5720.95	32 *6*	228.305
	2095.72	0.66 *14*	3596.34	6028.02		1021.34	2.5 *5*	5006.66
	2532.13	37.5 *11*	3159.889			1088.36	12.3 *14*	4939.64
	2618.38	1.57 *20*	3073.63			2050.02	2.0 *7*	3977.91
	3031.04	0.70 *20*	2660.92			2277.01	8.0 *20*	3750.90
	3622.41	0.70 *18*	2069.47			2304.10	50.2 *16*	3723.79
	3932.79	37.3 *11*	1759.034			3114.42	35.0 *11*	2913.40
	5274.72	100.0 *23*	416.852			3287.77	8.0 *16*	2740.03
5726.38	1377.00	2.2 *3*	4349.34			3956.05	6.6 *14*	2071.64
	1763.49	16.5 *8*	3962.83			4268.61	2.7 *11*	1759.034
	2051.37	1.9 *3*	3674.92			4969.77	100 *5*	1057.739
	2129.95	6.5 *5*	3596.34	6084.07		688.53	1.29 *13*	5395.53
	2323.62	22 *3*	3402.65			1310.68	1.32 *16*	4773.35
	3361.00	13.5 *5*	2365.150			1378.66	15.9 *7*	4705.37
	3657.24	16.2 *8*	2068.86			2409.03	19.6 *18*	3674.92
	5308.94	89 *3*	416.852			2576.30	13.9 *5*	3507.63
	5725.70	100 *3*	0.0			4014.87	100 *4*	2068.86
5849.21	707.52	6.5 *13*	5141.68			6083.30	27.0 *9*	0.0
	1301.25	17.5 *19*	4547.92	6086.47		4016.67	66 *21*	2069.47
	1657.23	31 *4*	4191.92			4235.48	62 *21*	1850.62
	2935.63	15 *6*	2913.40			4327.05	34 *10*	1759.034
	3108.98	6.7 *19*	2740.03			5857.45	100 *21*	228.305
	3779.44	100 *6*	2069.47	6120.01	6^+	2444.97	9.0 *12*	3674.92
	4089.83	15 *4*	1759.034			2717.21	38.2 *15*	3402.65
	5431.75	17 *4*	416.852			4050.81	100.0 *15*	2068.86
5882.65	740.96	5.3 *23*	5141.68	6197.56	$1^{(-)}$	5968.51	100.0	228.305
	750.71	5.1 *23*	5131.93	6238.4		1096.7	27.9 *25*	5141.68
	1177.25	5.3 *19*	4705.37			1690.4	36.4 *25*	4547.92
	1260.24	7.2 *16*	4622.38			1807.6	4.6 *14*	4430.72
	1283.45	5.3 *12*	4599.17			2260.4	25 *7*	3977.91
	1334.69	100 *5*	4547.92			2484.6	18.2 *25*	3753.63
	1690.67	4.0 *16*	4191.92			2514.5	1.8 *11*	3723.79
	2722.61	21.6 *16*	3159.889			3078.3	4.6 *18*	3159.889
	2808.86	2.3 *9*	3073.63			3324.8	4.3 *14*	2913.40
	3812.88	27.0 *16*	2069.47			3498.1	14 *7*	2740.03
	4031.69	9.5 *14*	1850.62			4168.6	100 *4*	2069.47

Continued on next page (footnotes at end of table)

^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07 (continued)

γ(^{26}Al) (continued)

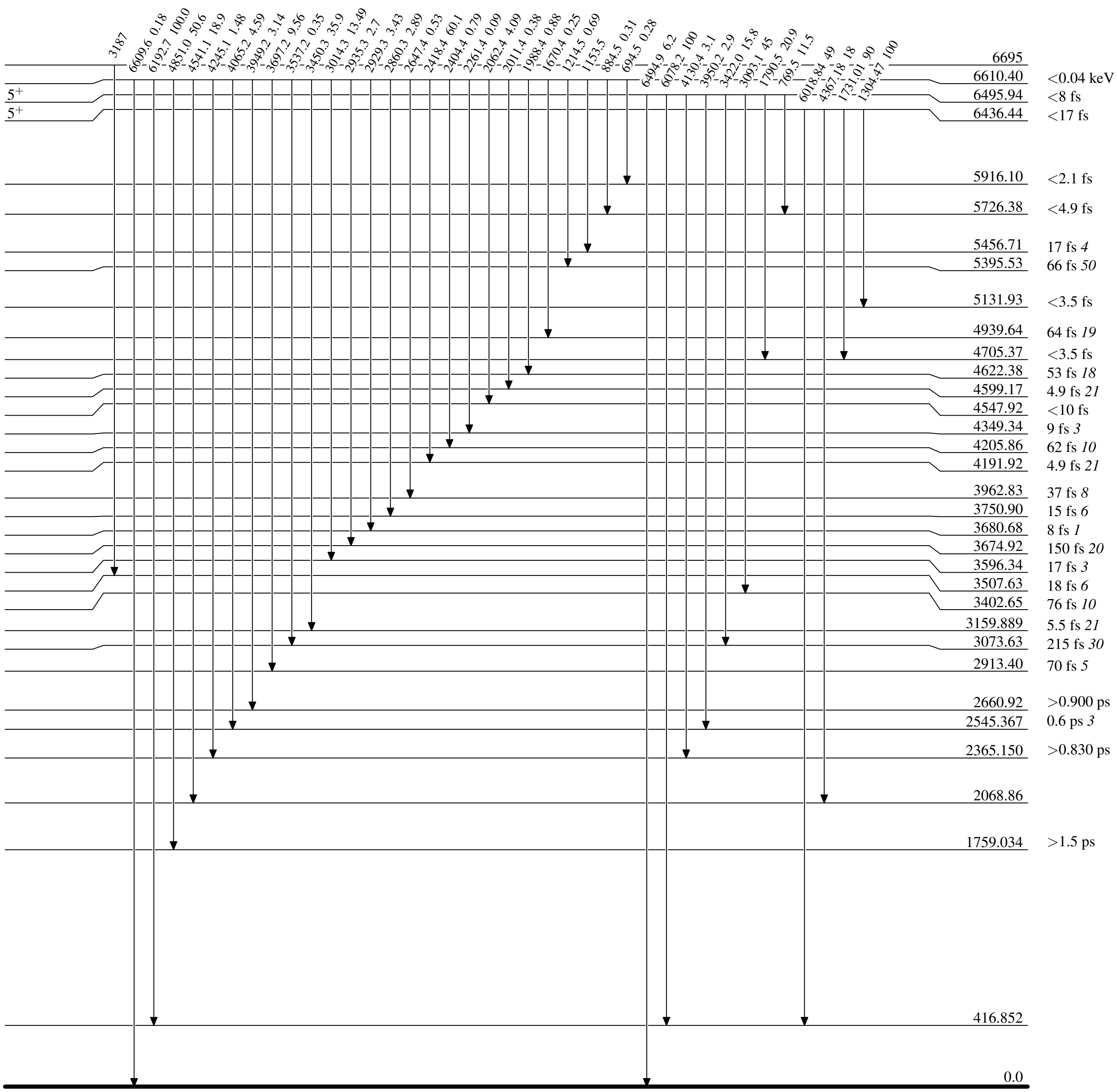
E_i(level)	J^π_i	E_γ†	I_γ‡	E_f
6238.4		4387.4	6.4 *21*	1850.62
		4478.9	8.2 *21*	1759.034
		5180.1	50 *4*	1057.739
		6009.3	54 *4*	228.305
6270.19		1075.06	9 *3*	5195.11
		3110.10	22 *3*	3159.889
		6041.13	100 *5*	228.305
6280.33		1138.62	37 *17*	5141.68
		1148.37	29 *14*	5131.93
		1681.10	29 *11*	4599.17
		2088.32	66 *11*	4191.92
		3120.24	100 *23*	3159.889
		4210.49	26 *11*	2069.47
6343.46	$4^{(+)}$	1211.50	14.6 *15*	5131.93
		1638.03	8.3 *22*	4705.37
		1744.23	100 *4*	4599.17
		2151.44	30.4 *22*	4191.92
		3269.61	11.1 *24*	3073.63
		3797.79	28.3 *22*	2545.367
		3977.98	8.3 *11*	2365.150
		4274.22	18.9 *11*	2068.86
6363.99		2158.03	26 *7*	4205.86
		2171.97	6 *4*	4191.92
		2612.95	23 *3*	3750.90
		2683.16	48 *4*	3680.68
		2688.92	44 *15*	3674.92
		3818.32	19 *7*	2545.367
		3998.51	30 *7*	2365.150
		4294.75	30 *7*	2068.86
		4604.52	100 *11*	1759.034
		5946.40	44 *7*	416.852
6414.46		4563.41	100 *17*	1850.62
		5356.13	67 *17*	1057.739
6436.44	5^+	1304.47	100 *10*	5131.93
		1731.01	90 *8*	4705.37
		4367.18	18 *5*	2068.86
6436.44	5^+	6018.84	49 *8*	416.852
6495.94	5^+	769.5	11.5@ *23*	5726.38
		1790.5	20.9@ *21*	4705.37
		3093.1	45@ *4*	3402.65
		3422.0	15.8@ *21*	3073.63
		3950.2	2.9@ *10*	2545.367
		4130.4	3.1@ *10*	2365.150
		6078.2	100@ *4*	416.852
		6494.9	6.2@ *21*	0.0
6610.40		694.5	0.28# *6*	5916.10
		884.5	0.31# *3*	5726.38
		1153.5		5456.71
		1214.5	0.69# *6*	5395.53
		1670.4	0.25# *3*	4939.64
		1988.4	0.88# *22*	4622.38
		2011.4	0.38# *3*	4599.17
		2062.4	4.09# *22*	4547.92
		2261.4	0.09# *3*	4349.34
		2404.4	0.79# *6*	4205.86
		2418.4	60.1# *9*	4191.92
		2647.4	0.53# *3*	3962.83
		2860.3	2.89# *6*	3750.90
		2929.3	3.43# *9*	3680.68
		2935.3	2.7# *4*	3674.92
		3014.3	13.49# *22*	3596.34
		3450.3	35.9# *6*	3159.889
		3537.2	0.35# *13*	3073.63
		3697.2	9.56# *16*	2913.40
		3949.2	3.14# *6*	2660.92
		4065.2	4.59# *9*	2545.367
		4245.1	1.48# *6*	2365.150
		4541.1	18.9# *3*	2068.86
		4851.0	50.6# *9*	1759.034
		6192.7	100.0# *16*	416.852
		6609.6	0.18# *1*	0.0
6695		3187		3507.63

† From level energy difference with recoil-correction removed.
‡ From 1988En01, except otherwise noted.
# From 2011Li22.
@ From 2012St02.

^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07

Level Scheme

Intensities: Relative photon branching from each level

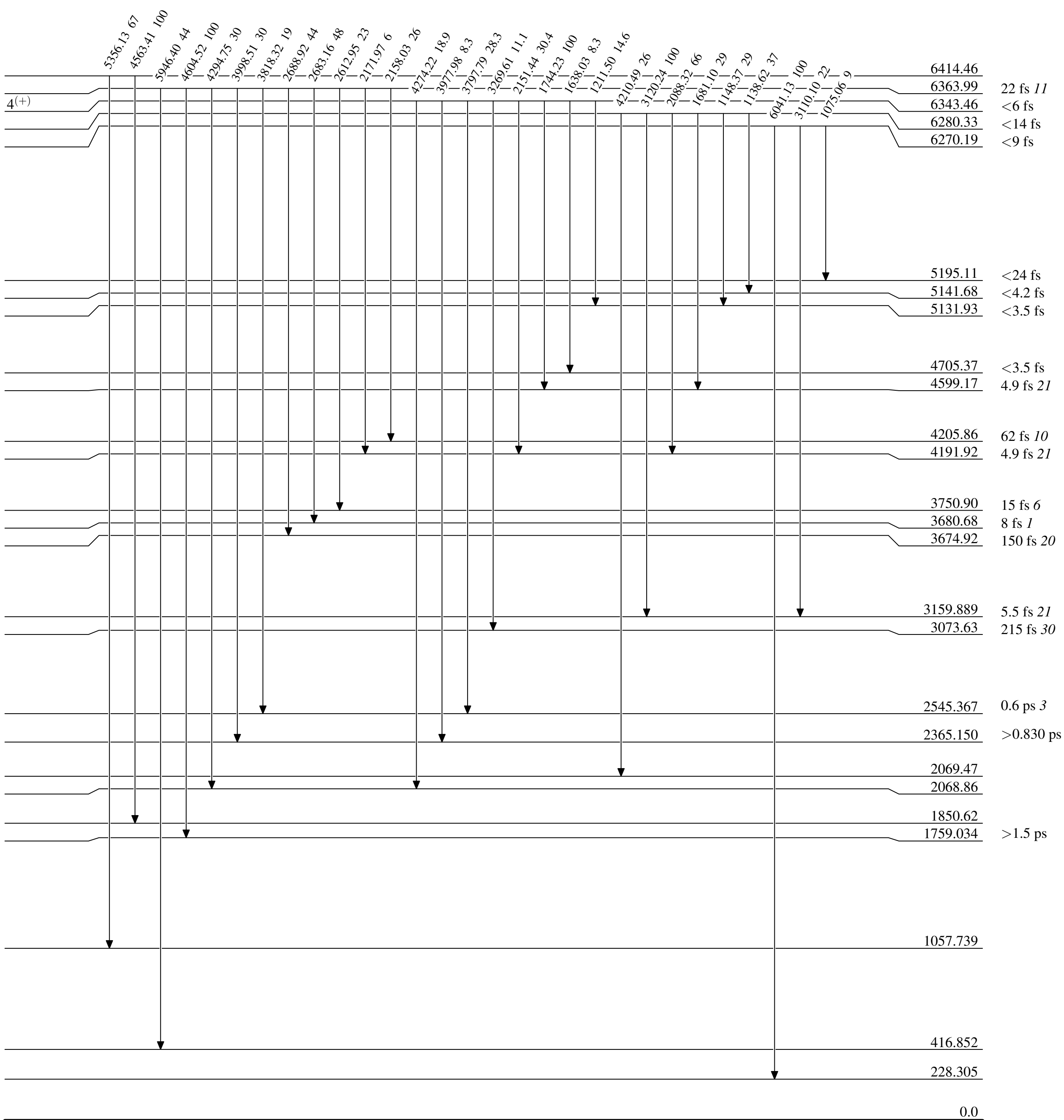


$^{26}_{13}Al_{13}$

$^{25}Mg(p,\gamma),(p,p)$ 1988En01,1996Br06,1984Ad07

Level Scheme (continued)

Intensities: Relative photon branching from each level

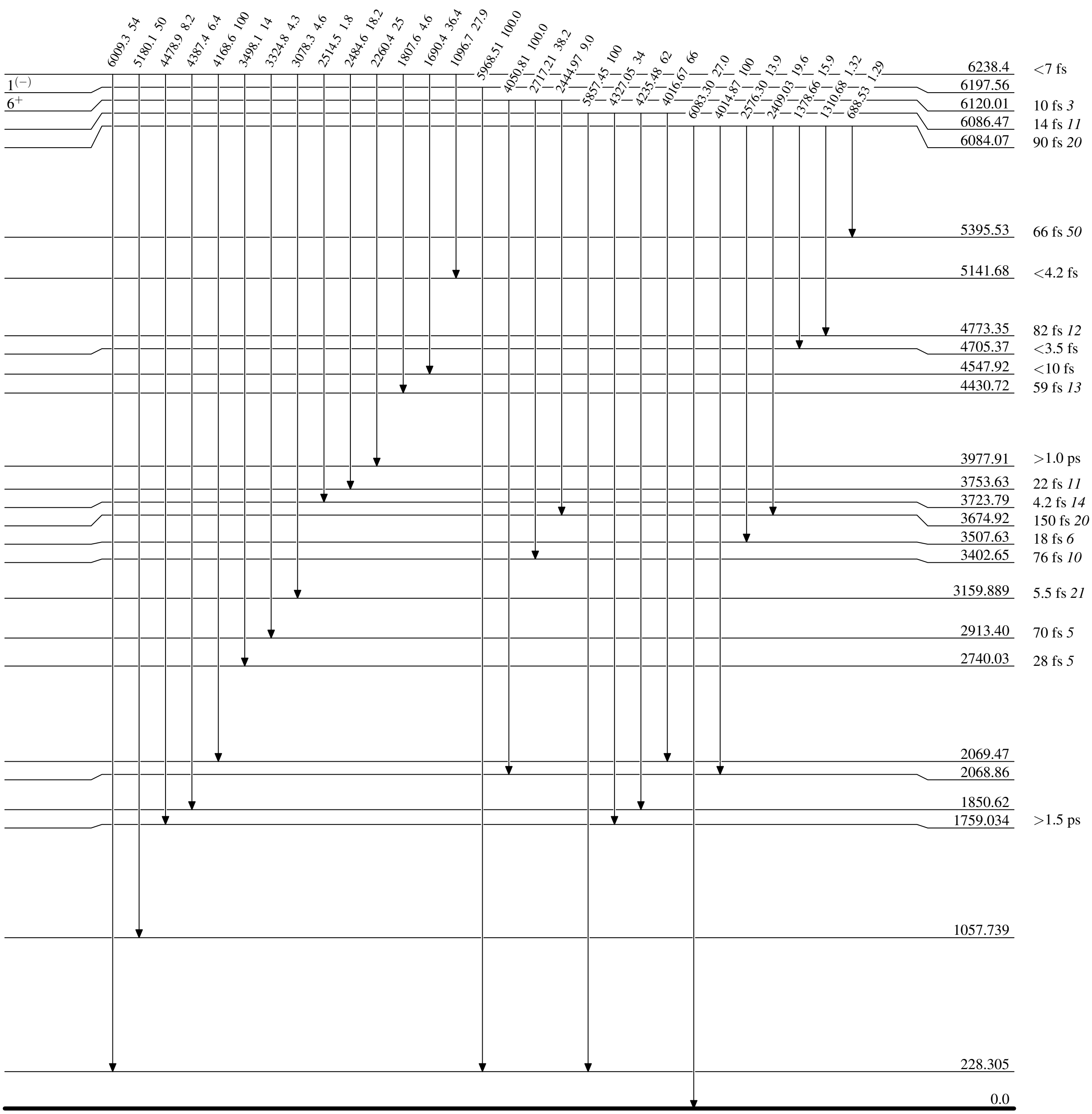


$^{26}_{13}Al_{13}$

^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07

Level Scheme (continued)

Intensities: Relative photon branching from each level

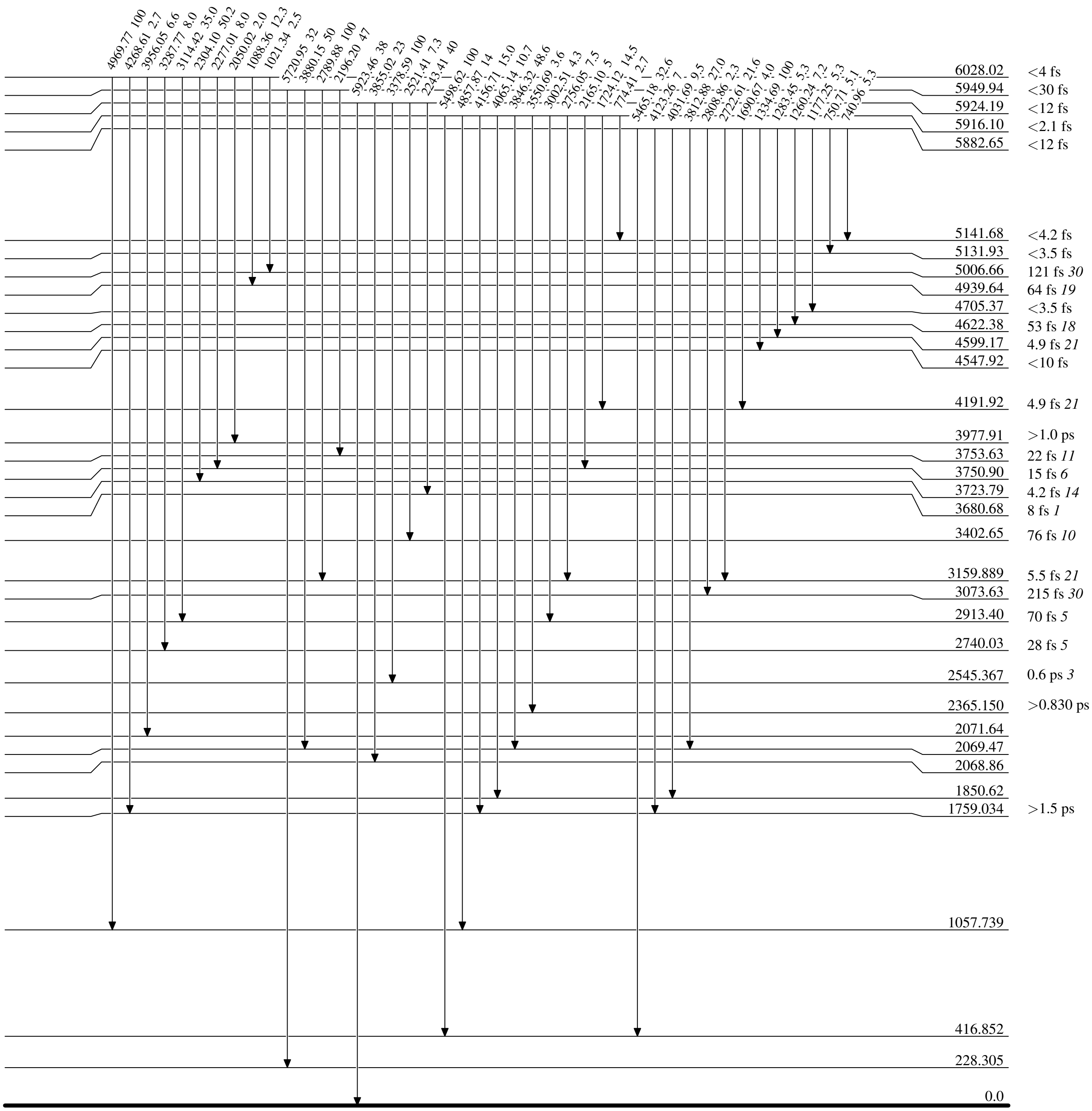


$^{26}_{13}$Al$_{13}$

$^{25}Mg(p,\gamma),(p,p)$ 1988En01,1996Br06,1984Ad07

Level Scheme (continued)

Intensities: Relative photon branching from each level

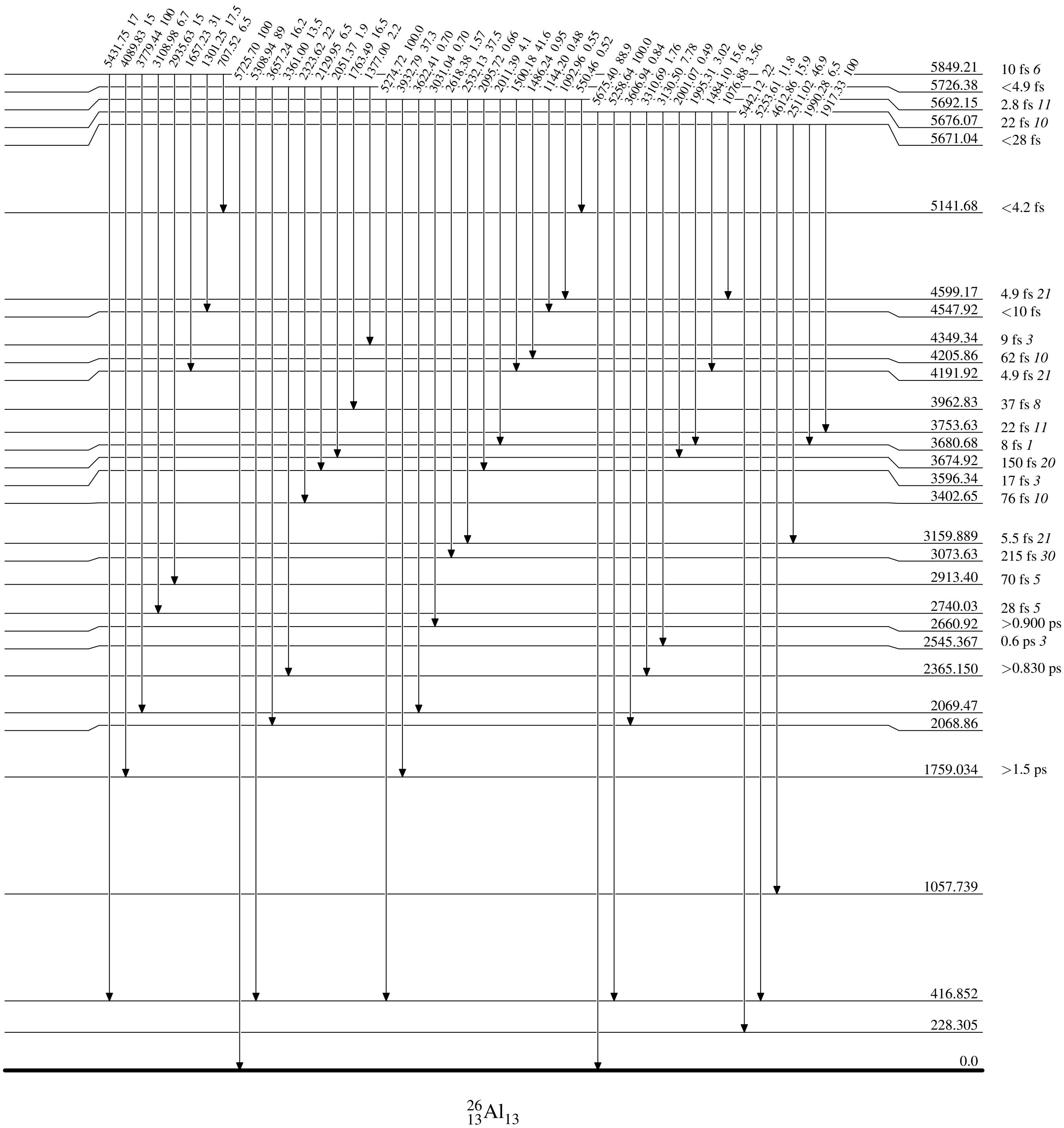


$^{26}_{13}Al_{13}$

^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07

Level Scheme (continued)

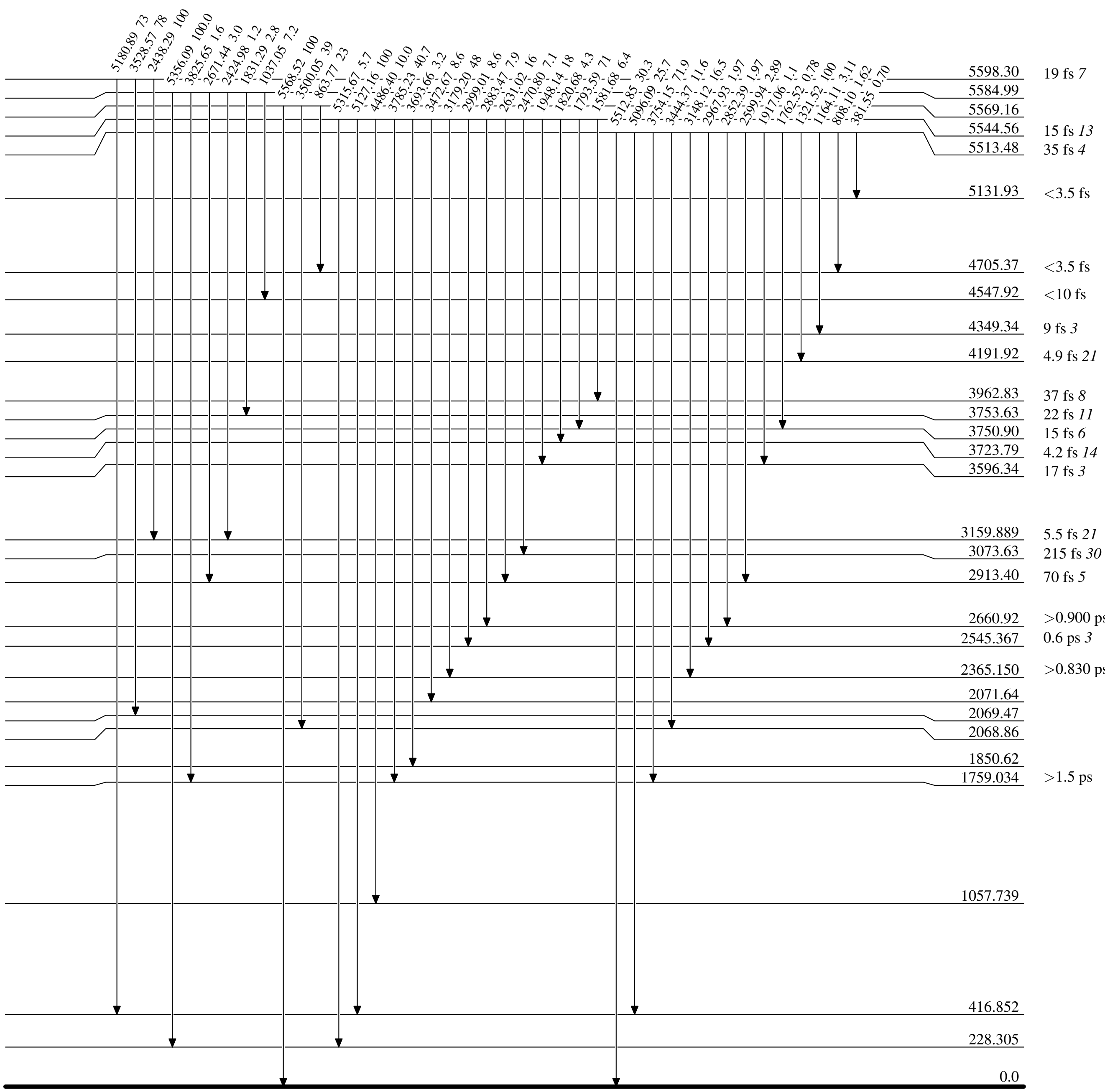
Intensities: Relative photon branching from each level



$^{25}Mg(p,\gamma)$,(p,p) 1988En01,1996Br06,1984Ad07

Level Scheme (continued)

Intensities: Relative photon branching from each level

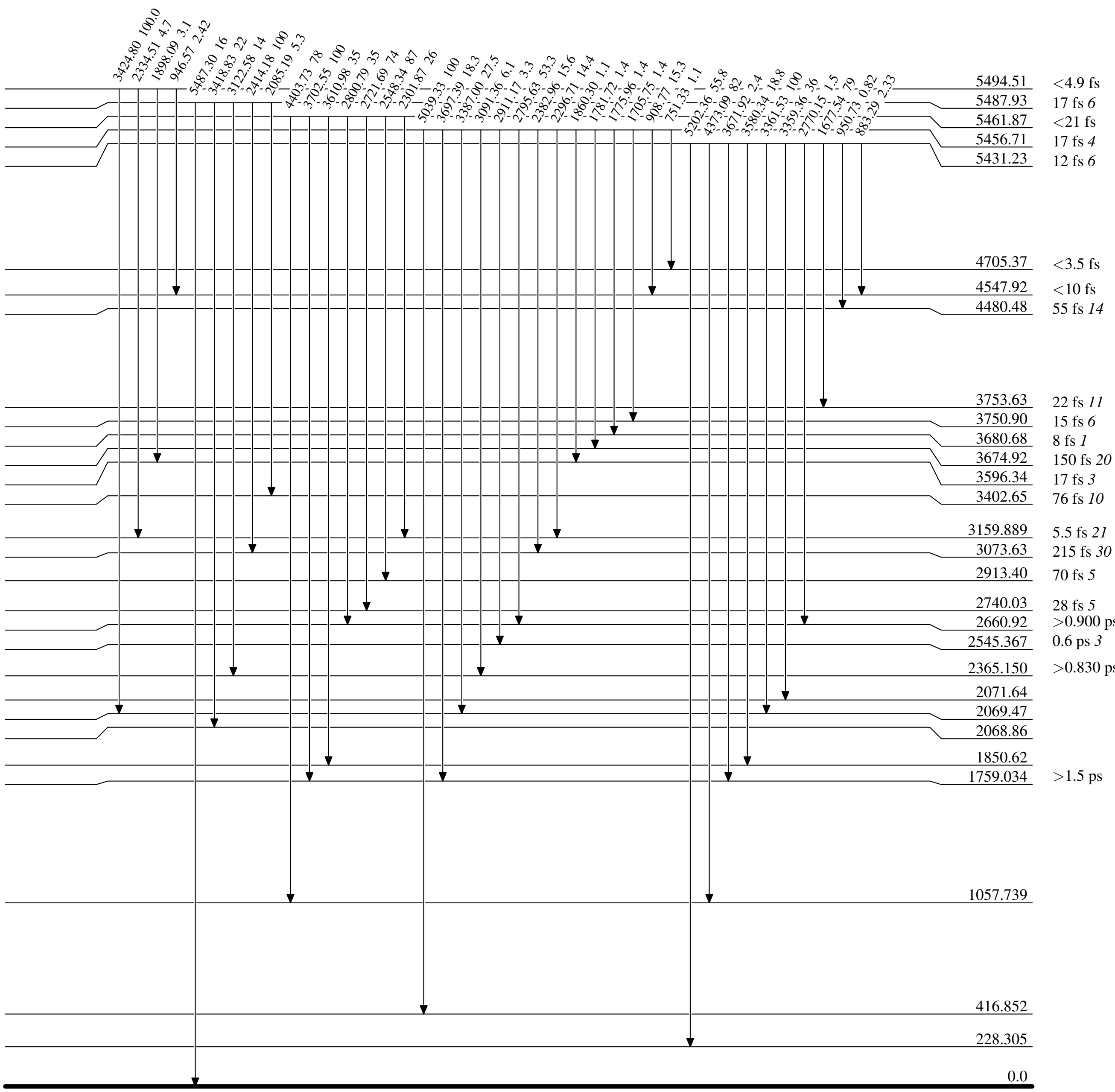


$^{26}_{13}Al_{13}$

$^{25}Mg(p,\gamma),(p,p)$ 1988En01,1996Br06,1984Ad07

Level Scheme (continued)

Intensities: Relative photon branching from each level

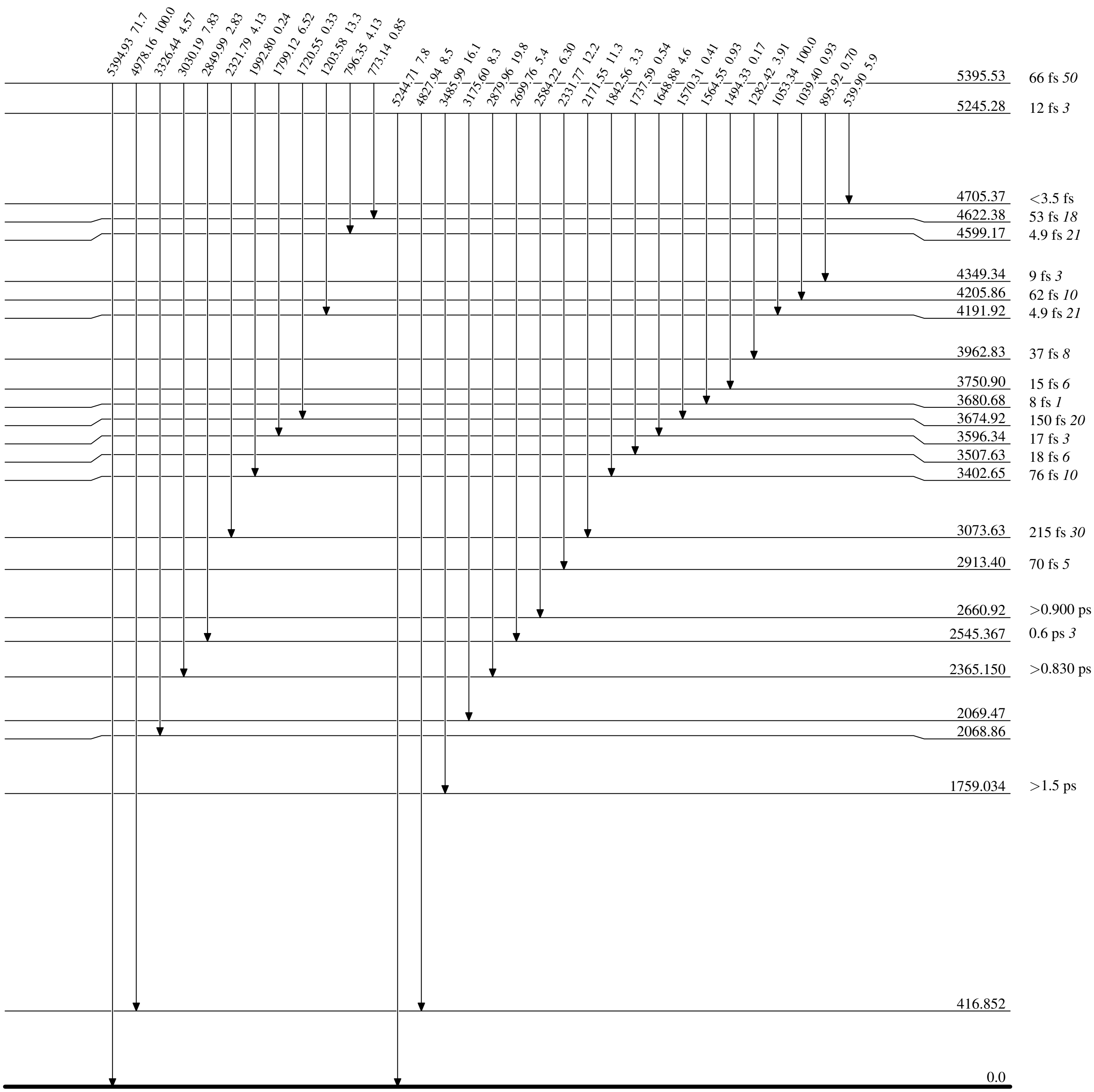


$^{26}_{13}Al_{13}$

^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07

Level Scheme (continued)

Intensities: Relative photon branching from each level

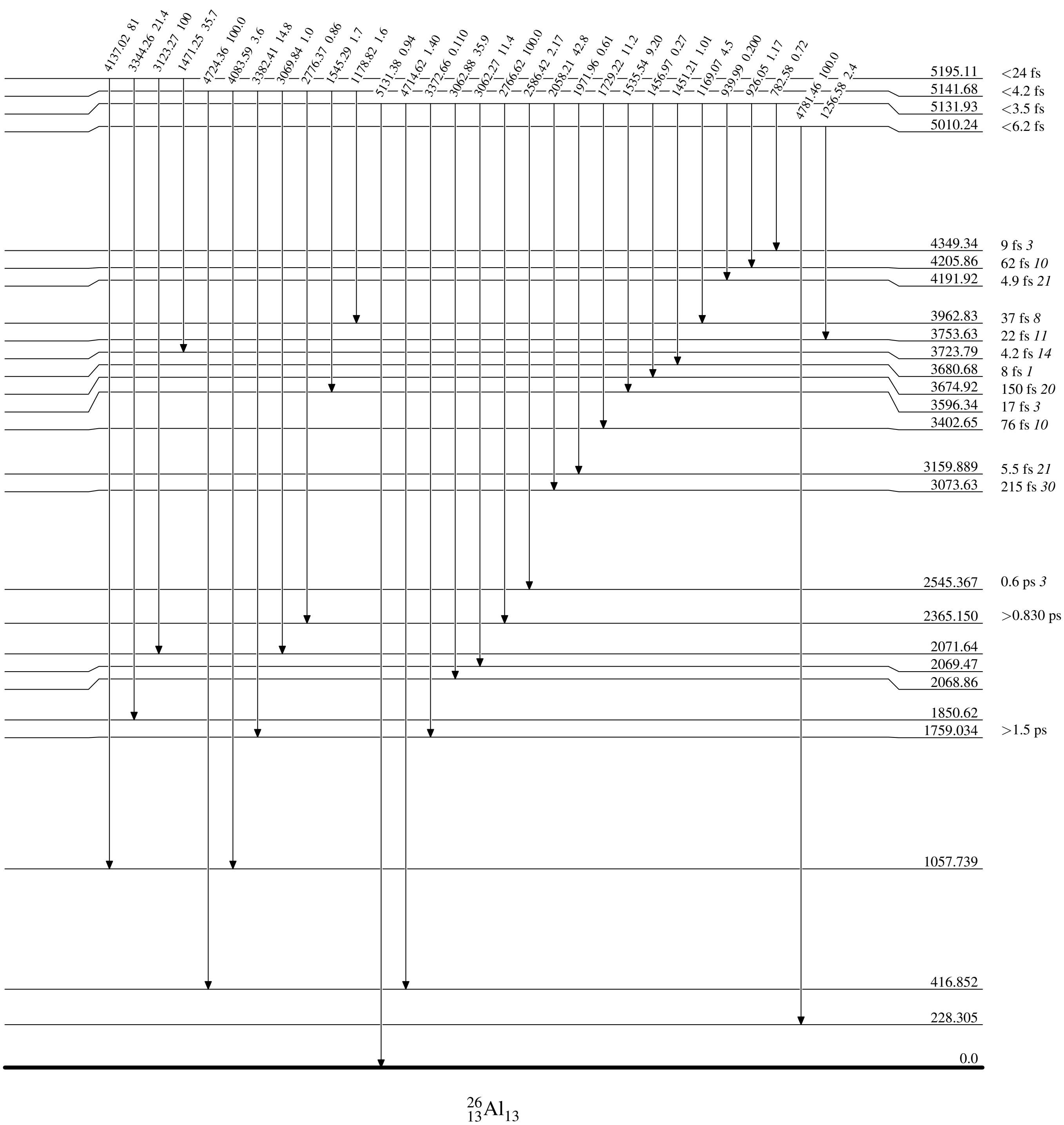


$^{26}_{13}Al_{13}$

^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07

Level Scheme (continued)

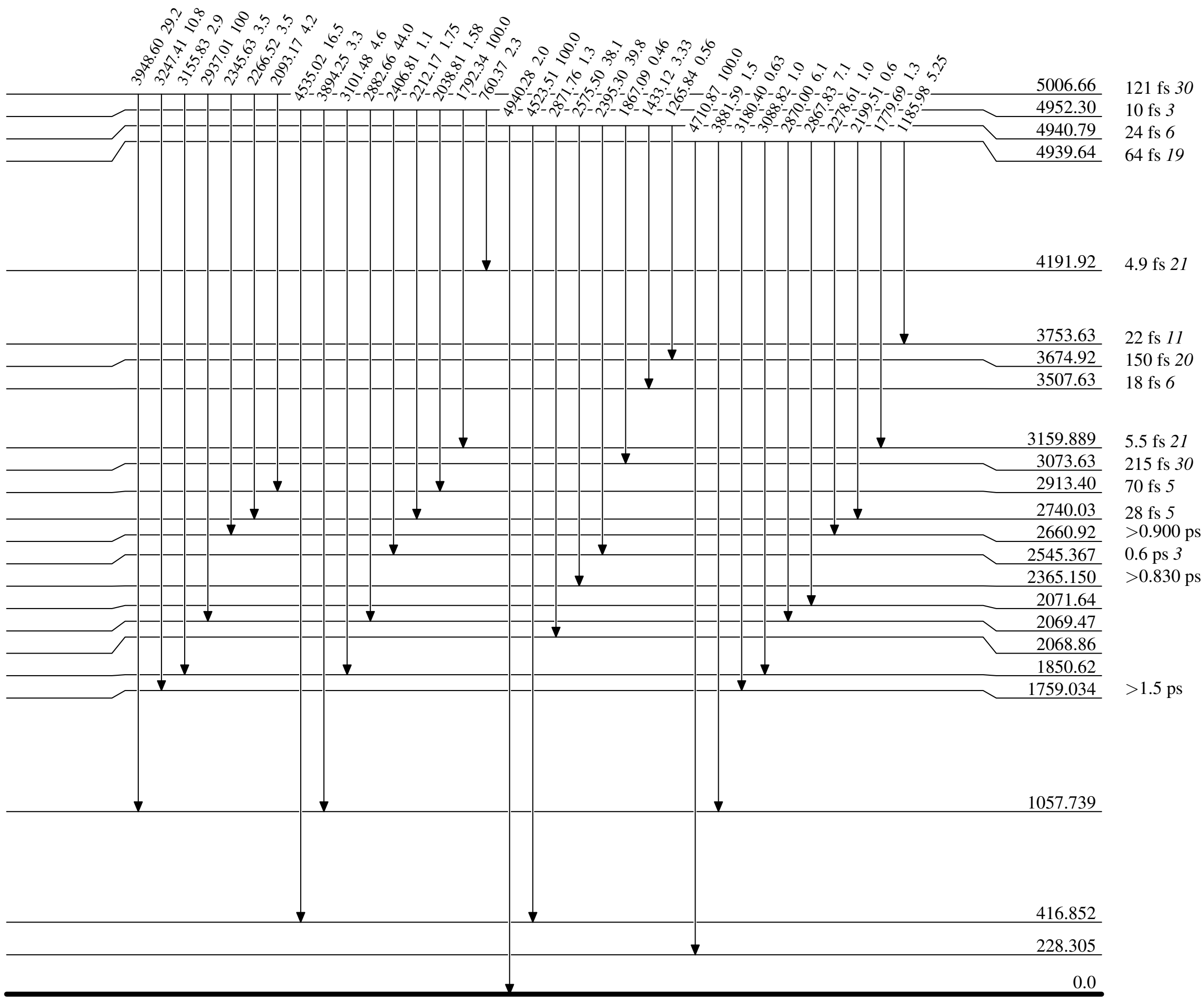
Intensities: Relative photon branching from each level



^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07

Level Scheme (continued)

Intensities: Relative photon branching from each level

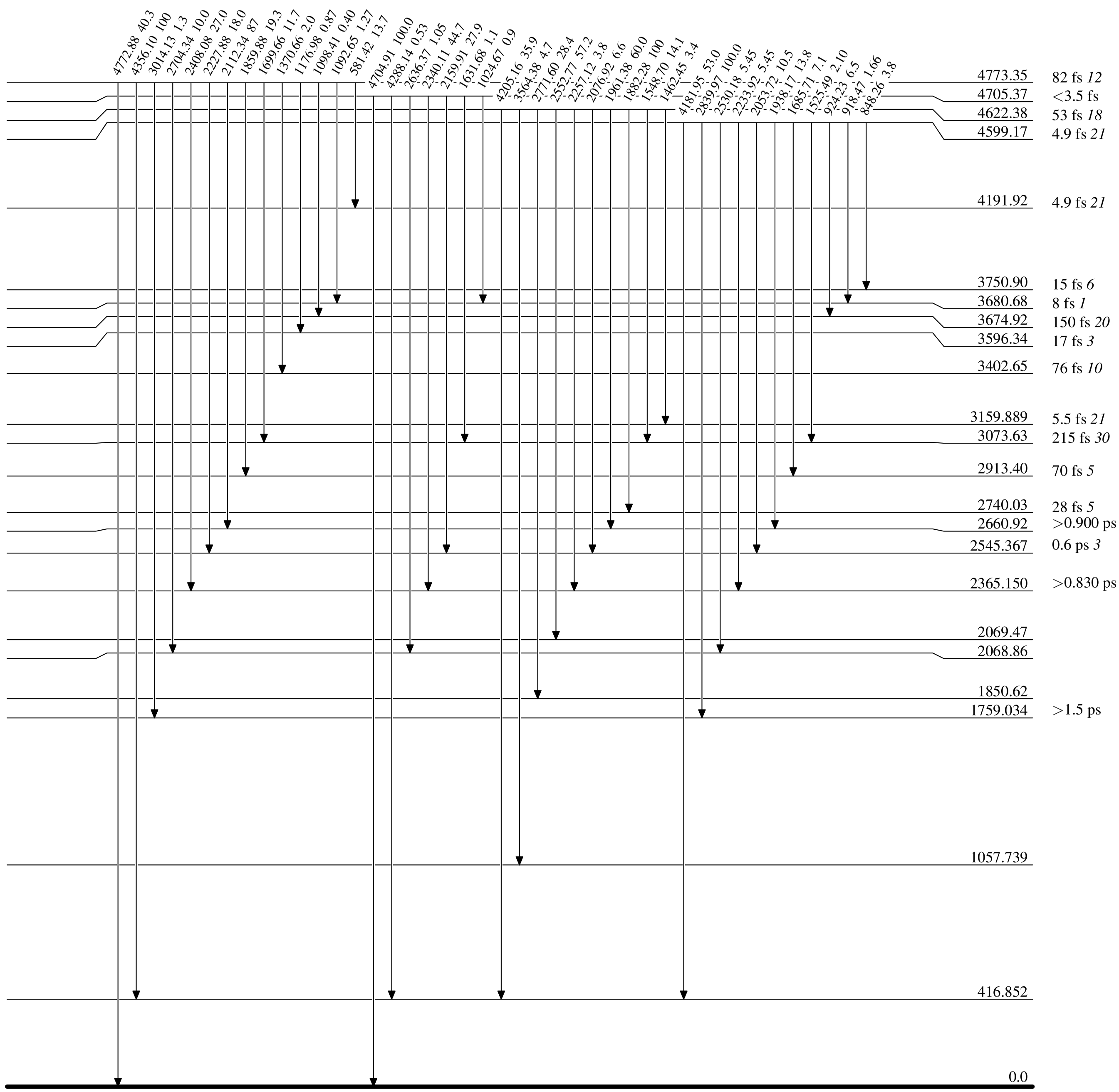


$^{26}_{13}Al_{13}$

^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07

Level Scheme (continued)

Intensities: Relative photon branching from each level

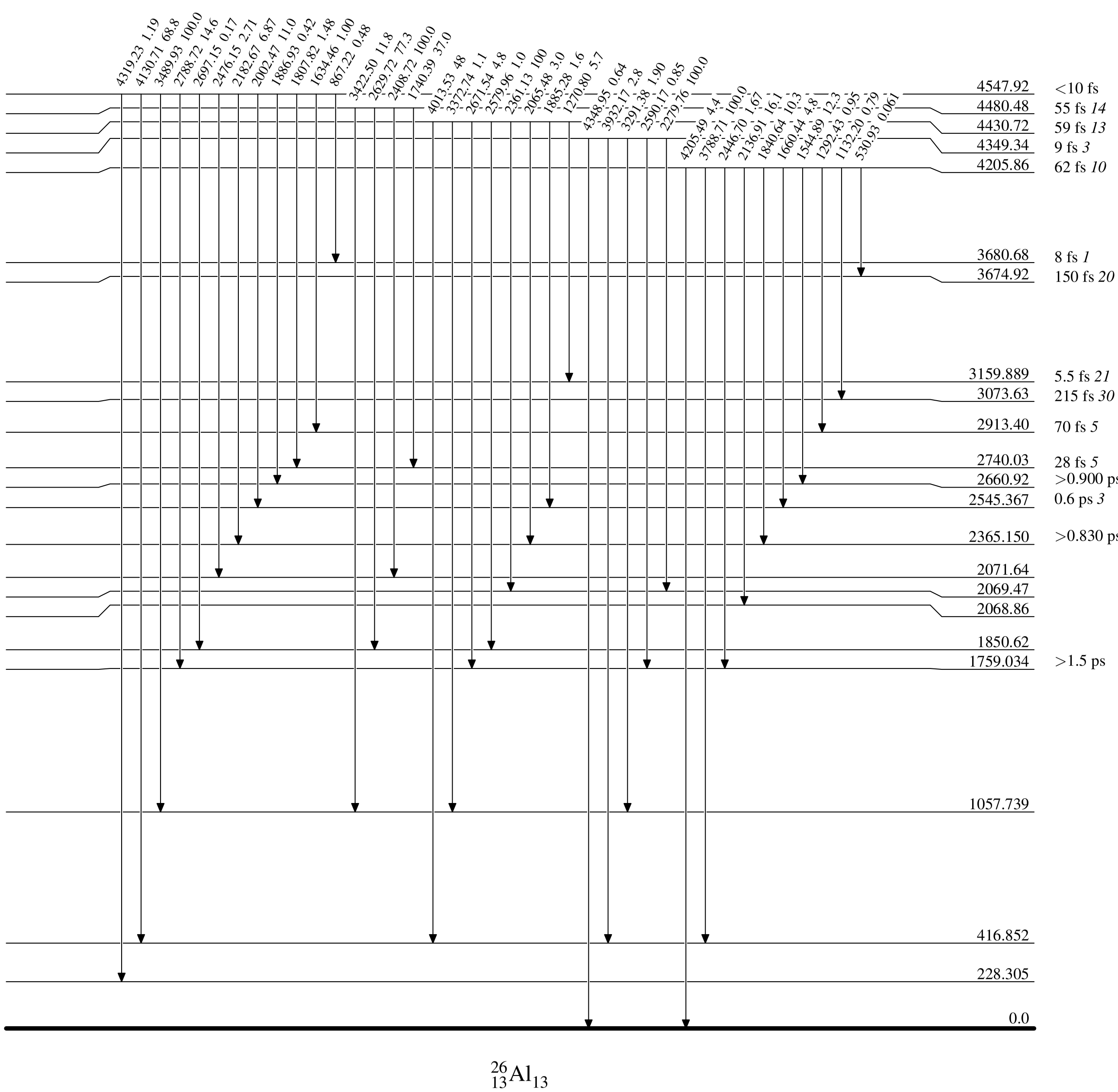


$^{26}_{13}Al_{13}$

^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07

Level Scheme (continued)

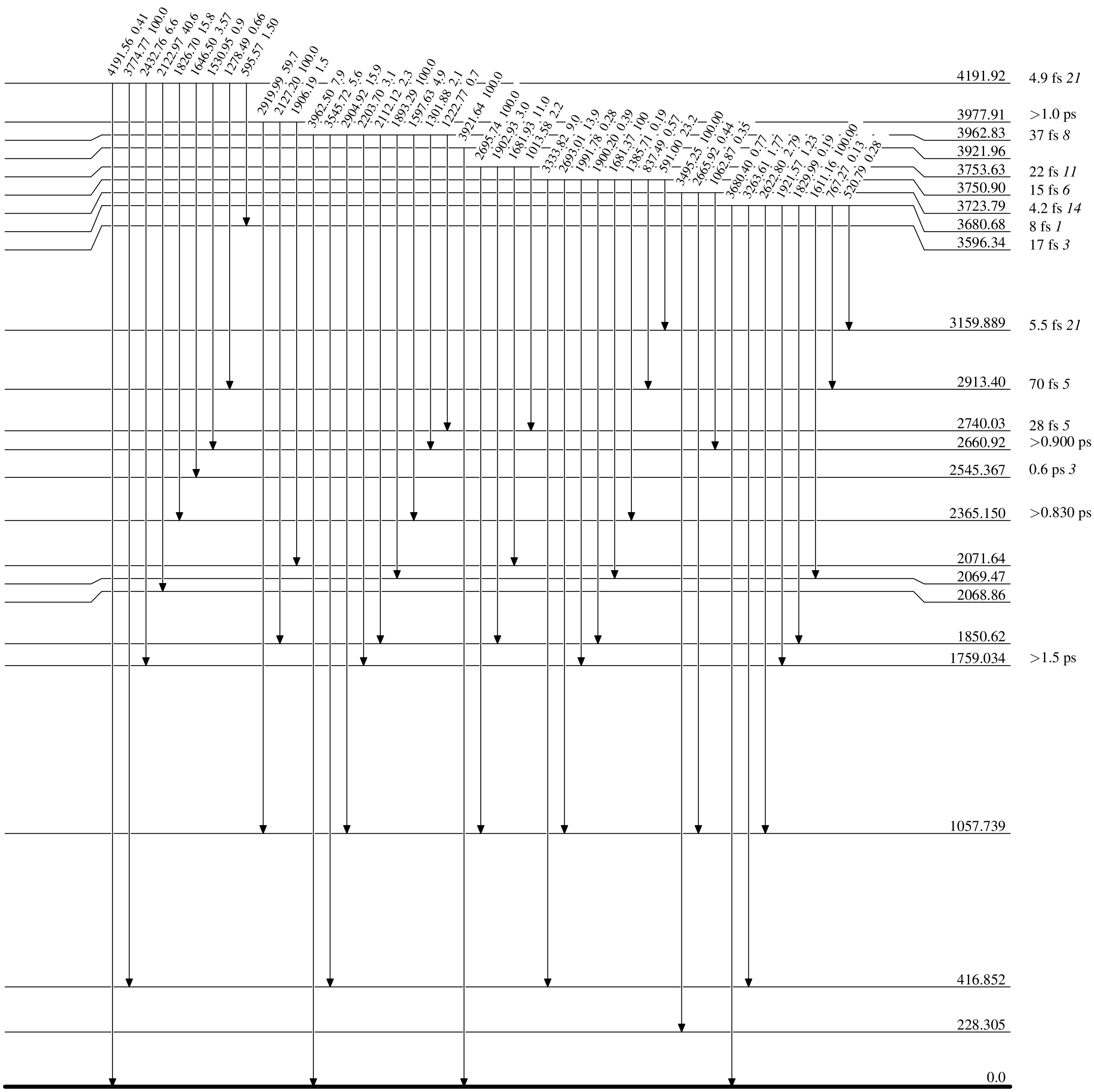
Intensities: Relative photon branching from each level



^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07

Level Scheme (continued)

Intensities: Relative photon branching from each level

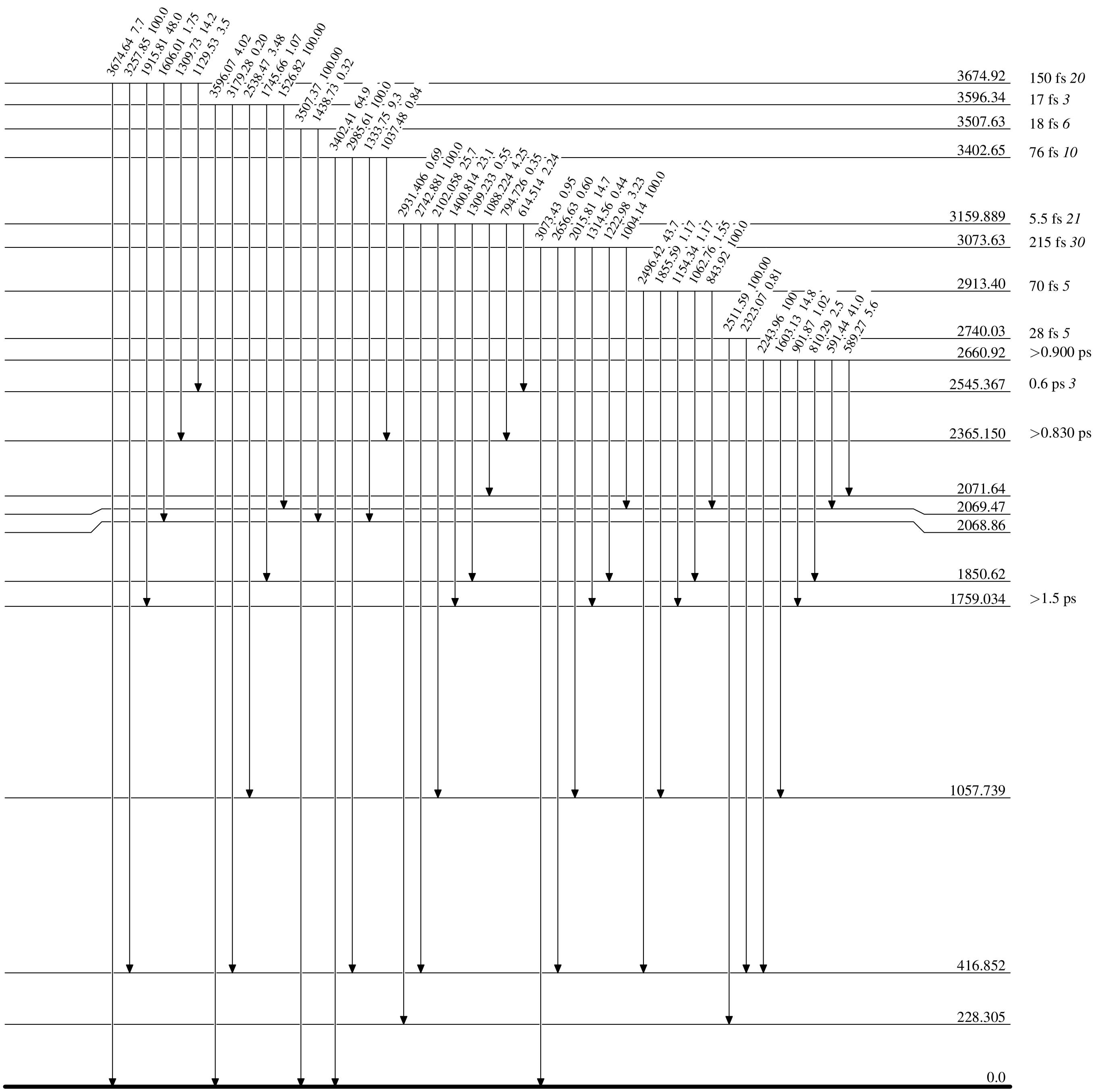


$^{26}_{13}Al_{13}$

^{25}Mg(p,γ),(p,p) 1988En01,1996Br06,1984Ad07

Level Scheme (continued)

Intensities: Relative photon branching from each level



$^{26}_{13}Al_{13}$

$^{25}Mg(p,\gamma),(p,p)$ 1988En01,1996Br06,1984Ad07

Level Scheme (continued)

Intensities: Relative photon branching from each level