Adopted Levels, Gammas

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	E. A. Mccutchan and A. A. Sonzogni	NDS 115, 135 (2014)	1-Nov-2013

Q(β^-)=2918 *3*; S(n)=7053 *3*; S(p)=13089 *4*; Q(α)=−6168 *3* 2012Wa38
S(2n)=12568 *3*; S(2p)=23766 *4* (2012Wa38).
α: Additional information 1.

^{88}Kr Levels

Cross Reference (XREF) Flags

A	^{88}Br β^- decay	E	^{252}Cf SF decay
B	^{89}Br β^-n decay	F	Coulomb excitation:projectile
C	^{86}Kr(t,p)	G	^{208}Pb(^{18}O,Xγ)
D	^{248}Cm SF decay		

E(level)†	Jπ	$T_{1/2}$	XREF	Comments
0.0	0+	2.825 h *19*	ABCDEFG	%β^-=100 $T_{1/2}$: weighted average of 2.804 h *15* (2012Wa21), 2.860 h *17* (1972Eh02) and 2.805 h *25* (1964Cl01). Others: 2.78 h *6* (1949Ko13), 2.92 h *17* (1940Gl05). $\delta<r^2>$=0.282 fm^2 *4* relative to ^{86}Kr (2013An02 evaluation). Measured values: 0.282 fm^2 *53* (1995Ke04) and 0.304 fm^2 *37* (1990Sc30).
775.32 *4*	2+	11.1 ps *12*	ABCDEFG	B(E2)↑=0.090 *9* Jπ: L(t,p)=2. $T_{1/2}$: deduced from measured B(E2) and adopted γ-ray properties. B(E2)↑: preliminary result given in 2007Mu07, 2009MuZW.
1577.43 *4*	2+		ABCD	XREF: C(1588). Jπ: L(t,p)=2.
1643.78 *6*	4+		ABCDE G	XREF: B(?)C(1654). Jπ: (E2) 868γ to 2+, L(t,p)=3,4.
2103.81 *8*	(4+)		A CDE G	XREF: C(2115). Jπ: stretched Q or ΔJ=0, D 460γ gives J=4 or 6. 1328γ to 2+ prefers J=4 and non-zero mixing ratio suggests positive parity.
2216.08 *6*	2+		A C	XREF: C(2224). Jπ: L(t,p)=2.
2341.99 *6*	(3,4+)‡		A	
2370.26 *7*			A C	XREF: C(2379).
2419.62 *6*	(3−)		A C	XREF: C(2428). Jπ: L(t,p)=3,4 with L=3 better fit.
2550.34 *11*	(4+)		A C	XREF: C(2558). Jπ: L(t,p)=3,4 with L=4 better fit.
2630.58 *6*	(3,4+)‡		A	
2651.21 *6*	2+		A C	XREF: C(2658). Jπ: L(t,p)=2.
2775.83 *10*	0+		A C	XREF: C(2789). Jπ: L(t,p)=0.
2828.49 *7*	(1,2+)@		A	
2855.5 *3*	(5)	≤1 ps	E G	Jπ: D+Q 752γ to (4+). $T_{1/2}$: from observed Doppler broadening of the 752γ in ^{208}Pb(^{18}O,Xγ).
2875.04 *7*	(2+)		A	Jπ: 1231γ to 4+, 2875γ to 0+.
2929.32 *8*	(3,4+)‡		A	
2945.45 *10*	(1,2+)@		A	
2966 *10*	(3−)		C	Jπ: L(t,p)=3,4 with L=3 slightly better fit.
3044.64 *9*			A	

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Adopted Levels, Gammas (continued)

^{88}Kr Levels (continued)

E(level)[†]	Jπ	$T_{1/2}$	XREF	Comments
3113.51 *21*	(1,2$^+$)[@]		A	
3160.93[&] *25*	(5)		c E G	Jπ: (D+Q) 1517γ to 4$^+$, L(p,t)≥5 for level at 3169 *10*.
3163.43 *9*	(3,4$^+$)[‡]		A	
3167.15[&] *25*	(6)		c E G	Jπ: Q 1523γ to 4$^+$, L(p,t)≥5 for level at 3169 *10*.
3204.00 *11*			A	
3246 *10*	3$^-$,4$^+$		C	Jπ: L(t,p)=3,4.
3295.2 *3*	(5,6)	≤1 ps	E G	$T_{1/2}$: from observed Doppler broadening of the 752γ in ^{208}Pb(^{18}O,Xγ). Jπ: D 440γ to (5).
3312 *10*			C	Jπ: L(t,p)≥5.
3331.62 *21*	(1,2$^+$)[@]		A	
3335.92 *8*	(3,4$^+$)[‡]		A	
3341.49 *11*	(2$^+$)		A	Jπ: 1698γ to 4$^+$, 3341γ to 0$^+$.
3362.13 *7*			A	
3399.19 *8*	(1,2$^+$)[@]		A	
3519 *10*			C	
3553.3 *10*			E	
3608 *10*	2$^+$		C	Jπ: L(t,p)=2.
3652 *10*	3$^-$,4$^+$		C	Jπ: L(t,p)=3,4.
3710.04 *11*	(3)		A C	XREF: C(3706). Jπ: L(t,p)=3,4 with L=4 better fit but log *ft*=7.1 from (2$^-$).
3761 *10*	3$^-$,4$^+$		C	Jπ: L(t,p)=3,4.
3770.78 *8*	(1$^-$,2$^+$)		A	Jπ: 1351γ to (3$^-$), 3770γ to 0$^+$.
3866 *10*			C	
3904.7 *5*			E G	
3920.9 *3*	(7)		DE G	Jπ: D+Q 754γ to (6), Q 760γ to (5).
3932 *10*			C	
4048.4 *3*	(2$^+$)		A C	XREF: C(4036). Jπ: L(t,p)=(2).
4100.34 *11*	(3$^-$)		A C	XREF: C(4075). Jπ: L(t,p)=(3).
4220 *10*	(3$^-$,4$^+$)		C	Jπ: L(t,p)=(3,4).
4268.32 *11*	(1$^-$,2,3)		A C	XREF: C(4261). Jπ: 1849γ to (3$^-$), 3493γ to 2$^+$, log *ft*=6.9 from (2$^-$).
4287.7 *3*	(1,2$^+$)[@]		A	
4342.6 *4*	(8)		G	Jπ: 422γ to (7), 1175.5γ to (6).
4372 *10*			C	
4430 *10*	(2$^+$)		C	Jπ: L(t,p)=(2).
4479.2 *7*			G	
4560.15 *22*	(1,2,3)[#]		A	
4563.2 *3*	(1,2$^+$)[@]		A	
4596.85 *17*	(1$^-$,2$^+$)		A	Jπ: 2177γ to (3$^-$), 4597γ to 0$^+$.
4707.78 *15*	(1$^-$,2$^+$)		A	Jπ: 2288γ to (3$^-$), 4708γ to 0$^+$.
4857.5 *5*			G	
4923.51 *10*	(1$^-$,2,3)		A	Jπ: 2504γ to (3$^-$), log *ft*=6.2 from (2$^-$).
4985.75 *15*	(1,2$^+$)[@]		A	
5018.7 *3*	(1,2$^+$)[@]		A	
5070.27 *18*	(2$^+$,3,4$^+$)		A	Jπ: 3426γ to 4$^+$, 3493γ to 2$^+$.
5088.2 *4*	(1,2$^+$)[@]		A	
5193.0 *5*	(9)		G	Jπ: 850γ to (8), 1272γ to (7).
5270.5 *5*	(1,2,3)[#]		A	
5439.4 *5*	(1,2,3)[#]		A	
5495.81 *20*	(1,2,3)		A	Jπ: 3076γ to (3$^-$), log *ft*=6.0 from (2$^-$).

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Adopted Levels, Gammas (continued)

^{88}Kr Levels (continued)

E(level)[†]	Jπ	XREF	Comments
5503.3 *3*	(1,2$^+$)[@]	A	
5627.1 *4*	(1,2,3)[#]	A	
5693.4 *3*	(1,2,3)	A	Jπ: 3274γ to (3$^-$), log *ft*=7.2 from (2$^-$).
5726.2 *3*		A	
5856.8 *6*		G	
5914.99 *20*	(1$^-$,2$^+$,3$^-$)	A	Jπ: 3496γ to 3$^-$, 5916γ to 0$^+$.
5972.9 *5*	(1,2,3)[#]	A	
5977.47 *23*	(1,2,3)[#]	A	
5988.5 *3*	(1,2,3)	A	Jπ: 3569γ to (3$^-$); log *ft*=6.3 from (2$^-$).
6034.4 *4*	(1,2$^+$)[@]	A	
6071.2 *4*	(1,2$^+$)[@]	A	
6109.2 *12*		G	
6231.7 *3*	(1,2$^+$)[@]	A	
6233.5 *7*		G	
6539.2 *5*	(1,2,3)[#]	A	
6718.3 *4*	(1,2,3)[#]	A	
6758.0 *5*	(1,2,3)[#]	A	
6999.5 *5*	(1,2$^+$)[@]	A	
7490.6 *10*		G	
7969.5 *11*		G	

[†] Levels with ΔE<2 keV are deduced from the Adopted Gammas using least-squares fit, the others are from (t,p).
[‡] From γ to 2$^+$ and 4$^+$ levels, no γ to 0$^+$, log *ft*=7.4 − 8.0 in β$^-$ decay of (2$^-$) ^{88}Br.
[#] From γ to 2$^+$, log *ft*=6.2 − 7.3 in β$^-$ decay of (2$^-$) ^{88}Br.
[@] From γ to 0$^+$.
[&] Ordering of the 754γ-1524γ and 760γ-1517γ cascades is reversed in ^{248}Cm SF decay (2000Rz02) and ^{252}Cf SF decay (2011Li34) resulting in levels at 2397 and 2404 in the former and 3161 and 3168 in the latter. The level scheme of 2011Li34 is adopted here based on the observation of an additional linking transition and the presence of a corresponding level observed in (t,p).

Adopted Levels, Gammas (continued)

γ(^{88}Kr)

E_i(level)	J_i^π	E_γ[†]	I_γ[†]	E_f	J_f^π	Mult.	δ	α	Comments
775.32	2+	775.28 *6*	100	0.0	0+	E2		9.27×10^{-4}	α(K)=0.000822 *12*; α(L)=8.88×10^{-5} *13*; α(M)=1.436×10^{-5} *21*; α(N)=1.442×10^{-6} *21* B(E2)(W.u.)=7.8 *9* Mult.: from γγ(θ) in ^{248}Cm SF decay and Coulomb Excitation.
1577.43	2+	802.14 *6*	100.0 *10*	775.32	2+				
		1577.41 *6*	26.34 *24*	0.0	0+				
1643.78	4+	868.4 *1*	100	775.32	2+	(E2)		6.96×10^{-4}	α(K)=0.000617 *9*; α(L)=6.63×10^{-5} *10*; α(M)=1.073×10^{-5} *15*; α(N)=1.079×10^{-6} *16* Mult.: Q from γγ(θ) in ^{252}Cf SF decay, assumed E2.
2103.81	(4+)	460.02 *5*	100[‡] *17*	1643.78	4+	M1+E2	+0.26[#] *4*		Mult.: D+Q from γγ(θ) in ^{252}Cf SF decay, Δπ=no from level scheme.
		1328.9[‡] *3*	13[‡] *4*	775.32	2+				
2216.08	2+	1440.5 *1*	100.0 *12*	775.32	2+				
		2216.3 *3*	17.1 *12*	0.0	0+				
2341.99	(3,4+)	125.9 *1*	1.1 *4*	2216.08	2+				
		698.2 *1*	11.3 *9*	1643.78	4+				
		764.6 *1*	21.7 *13*	1577.43	2+				
		1566.7 *1*	100 *19*	775.32	2+				
2370.26		792.9 *1*	100 *4*	1577.43	2+				
		1594.8 *1*	17 *8*	775.32	2+				
2419.62	(3−)	1644.3 *1*	100.0 *21*	775.32	2+				
2550.34	(4+)	1775.0 *1*	100	775.32	2+				
2630.58	(3,4+)	288.68 *10*	13.1 *17*	2341.99	(3,4+)				
		986.4 *1*	19.5 *21*	1643.78	4+				
		1053.5 *1*	100.0 *21*	1577.43	2+				
		1855.2 *1*	51 *4*	775.32	2+				
2651.21	2+	309.2 *3*	8 *3*	2341.99	(3,4+)				
		1073.74 *6*	100 *3*	1577.43	2+				
		1876.0 *1*	32 *5*	775.32	2+				
		2650.8 *3*	15 *5*	0.0	0+				
2775.83	0+	1198.4 *1*	100 *7*	1577.43	2+				
		2000.4 *3*	55 *9*	775.32	2+				
2828.49	(1,2+)	486.5 *1*	25 *7*	2341.99	(3,4+)				
		612.4 *1*	100 *20*	2216.08	2+				
		1251.1 *1*	40 *10*	1577.43	2+				
		2053.08 *12*	64 *5*	775.32	2+				
		2828.5 *3*	74 *6*	0.0	0+				
2855.5	(5)	751.8[‡] *3*	100[‡]	2103.81	(4+)	D+Q[#]			
2875.04	(2+)	658.9 *1*	13 *3*	2216.08	2+				
		1231.3 *1*	9.6 *22*	1643.78	4+				
		1297.6 *1*	10.4 *11*	1577.43	2+				
		2099.6 *3*	14 *3*	775.32	2+				

$^{88}_{36}Kr_{52}$-4

Adopted Levels, Gammas (continued)

γ(^{88}Kr) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[†]	E_f	J_f^π	Mult.	Comments
2875.04	(2$^+$)	2875.1 *3*	100 *4*	0.0	0$^+$		
2929.32	(3,4$^+$)	1285.9 *1*	35.4 *23*	1643.78	4$^+$		
		1351.5 *1*	100 *23*	1577.43	2$^+$		
		2154.1 *3*	54 *8*	775.32	2$^+$		
2945.45	(1,2$^+$)	1368.0 *1*	41 *3*	1577.43	2$^+$		
		2169.8 *3*	27.6 *21*	775.32	2$^+$		
		2945.7 *3*	100 *3*	0.0	0$^+$		
3044.64		1467.0 *1*	47 *3*	1577.43	2$^+$		
		2269.67 *14*	100 *7*	775.32	2$^+$		
3113.51	(1,2$^+$)	2338.2 *3*	100 *33*	775.32	2$^+$		
		3113.4 *3*	50 *27*	0.0	0$^+$		
3160.93	(5)	1517.1[‡] *3*	100[‡]	1643.78	4$^+$	(D+Q)[#]	
3163.43	(3,4$^+$)	743.7 *1*	100 *23*	2419.62	(3$^-$)		
		1519.8 *1*	13 *3*	1643.78	4$^+$		
		2387.7 *3*	51 *5*	775.32	2$^+$		
3167.15	(6)	1523.4[‡] *3*	100[‡]	1643.78	4$^+$		Mult.: Q from $\gamma\gamma(\theta)$ in ^{208}Pb(^{18}O,Xγ).
3204.00		862.0 *1*	27 *5*	2341.99	(3,4$^+$)		
		2428.7 *3*	100 *8*	775.32	2$^+$		
3295.2	(5,6)	439.8 *3*	100 *30*	2855.5	(5)	D	E_γ,I_γ,Mult.: From ^{208}Pb(^{18}O,Xγ).
		1191.2 *5*	40 *13*	2103.81	(4$^+$)		E_γ,I_γ: From ^{208}Pb(^{18}O,Xγ).
3331.62	(1,2$^+$)	2556.1 *3*	100 *20*	775.32	2$^+$		
		3331.7 *3*	40 *20*	0.0	0$^+$		
3335.92	(3,4$^+$)	1692.0 *1*	16 *10*	1643.78	4$^+$		
		1758.6 *1*	100 *12*	1577.43	2$^+$		
3341.49	(2$^+$)	1697.7 *1*	25 *15*	1643.78	4$^+$		
		3341.4 *3*	100 *50*	0.0	0$^+$		
3362.13		942.5 *1*	90 *15*	2419.62	(3$^-$)		
		1146.0 *1*	69 *13*	2216.08	2$^+$		
		1784.7 *1*	46 *7*	1577.43	2$^+$		
		2586.9 *3*	100 *12*	775.32	2$^+$		
3399.19	(1,2$^+$)	1028.9 *1*	23 *4*	2370.26			
		1821.7 *1*	15 *3*	1577.43	2$^+$		
		2624.0 *3*	100 *4*	775.32	2$^+$		
		3399.5 *3*	37 *5*	0.0	0$^+$		
3553.3		1909.5[‡]	100[‡]	1643.78	4$^+$		
3710.04	(3)	1290.4 *1*	21.2 *16*	2419.62	(3$^-$)		
		2132.7 *3*	2.8 *16*	1577.43	2$^+$		
		2934.7 *3*	100 *4*	775.32	2$^+$		
3770.78	(1$^-$,2$^+$)	1351.2 *1*	71 *48*	2419.62	(3$^-$)		
		1428.8 *1*	100 *10*	2341.99	(3,4$^+$)		
		2995.2 *3*	100 *17*	775.32	2$^+$		
		3770.3 *3*	29 *10*	0.0	0$^+$		

$^{88}_{36}Kr_{52}$-5

Adopted Levels, Gammas (continued)

γ(^{88}Kr) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[†]	E_f	J_f^π	Mult.	Comments
3904.7		609.5 *4*	100	3295.2	(5,6)		E_γ,I_γ: From ^{208}Pb(^{18}O,Xγ).
3920.9	(7)	753.8[‡] *2*	100[‡] *25*	3167.15	(6)	D+Q[#]	
		760.0[‡] *2*	88[‡] *25*	3160.93	(5)	Q[#]	
4048.4	(2$^+$)	2470.9 *3*	20 *8*	1577.43	2$^+$		
		4048.2 *5*	100 *50*	0.0	0$^+$		
4100.34	(3$^-$)	2522.87 *10*	100	1577.43	2$^+$		
4268.32	(1$^-$,2,3)	1848.7 *1*	4.2 *16*	2419.62	(3$^-$)		
		3492.8 *3*	100 *11*	775.32	2$^+$		
4287.7	(1,2$^+$)	3512.5 *3*	100 *33*	775.32	2$^+$		
		4287.2 *5*	53 *23*	0.0	0$^+$		
4342.6	(8)	421.6 *4*	100 *50*	3920.9	(7)		E_γ,I_γ: From ^{208}Pb(^{18}O,Xγ).
		1175.5 *7*	70 *30*	3167.15	(6)		E_γ,I_γ: From ^{208}Pb(^{18}O,Xγ).
4479.2		574.4 *4*	100	3904.7			E_γ,I_γ: From ^{208}Pb(^{18}O,Xγ).
4560.15	(1,2,3)	2983.1 *3*	100 *13*	1577.43	2$^+$		
		3784.3 *3*	21 *10*	775.32	2$^+$		
4563.2	(1,2$^+$)	2192.9 *3*	5.0 *16*	2370.26			
		4563.3 *5*	100.0 *20*	0.0	0$^+$		
4596.85	(1$^-$,2$^+$)	2177.3 *3*	34 *3*	2419.62	(3$^-$)		
		3019.3 *3*	100 *6*	1577.43	2$^+$		
		3821.4 *3*	13.5 *24*	775.32	2$^+$		
		4596.7 *5*	4.1 *18*	0.0	0$^+$		
4707.78	(1$^-$,2$^+$)	2288.0 *3*	11.8 *8*	2419.62	(3$^-$)		
		2492.0 *3*	8.2 *16*	2216.08	2$^+$		
		3130.4 *3*	18 *3*	1577.43	2$^+$		
		3932.0 *3*	100 *3*	775.32	2$^+$		
		4707.8 *5*	8.2 *16*	0.0	0$^+$		
4857.5		936.6 *4*	100	3920.9	(7)		E_γ,I_γ: From ^{208}Pb(^{18}O,Xγ).
4923.51	(1$^-$,2,3)	2503.90 *12*	10.9 *16*	2419.62	(3$^-$)		
		2707.3 *3*	6.4 *6*	2216.08	2$^+$		
		4148.05 *13*	100 *3*	775.32	2$^+$		
4985.75	(1,2$^+$)	4209.9 *5*	6 *3*	775.32	2$^+$		
		4985.64 *16*	100 *3*	0.0	0$^+$		
5018.7	(1,2$^+$)	3440.9 *3*	13 *3*	1577.43	2$^+$		
		5019.5 *5*	100 *4*	0.0	0$^+$		
5070.27	(2$^+$,3,4$^+$)	2650.8 *3*	46 *16*	2419.62	(3$^-$)		
		3426.2 *3*	100 *14*	1643.78	4$^+$		
		3492.8 *3*	40 *20*	1577.43	2$^+$		
5088.2	(1,2$^+$)	4312.4 *5*	100 *9*	775.32	2$^+$		
		5088.4 *5*	42 *10*	0.0	0$^+$		
5193.0	(9)	850 *1*	15 *7*	4342.6	(8)		E_γ,I_γ: From ^{208}Pb(^{18}O,Xγ).
		1272.1 *5*	100 *30*	3920.9	(7)		E_γ,I_γ: From ^{208}Pb(^{18}O,Xγ).
5270.5	(1,2,3)	4495.1 *5*	100	775.32	2$^+$		

Adopted Levels, Gammas (continued)

γ(^{88}Kr) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[†]	E_f	J_f^π	Comments
5439.4	(1,2,3)	4663.9 *5*	100	775.32	2^+	
5495.81	(1,2,3)	3076.4 *3*	2.8 *19*	2419.62	(3^-)	
		3279.2[@] *3*	100 *9*	2216.08	2^+	
		4720.9 *5*	88 *6*	775.32	2^+	
5503.3	$(1,2^+)$	3161.2 *3*	100 *33*	2341.99	$(3,4^+)$	
		5503.2 *5*	13 *10*	0.0	0^+	
5627.1	(1,2,3)	4049.6 *5*	32 *21*	1577.43	2^+	
		4851.6 *5*	100 *7*	775.32	2^+	
5693.4	(1,2,3)	3273.7 *3*	100	2419.62	(3^-)	
5726.2		3510.0 *3*	100	2216.08	2^+	
5856.8		999.2 *4*	100	4857.5		E_γ,I_γ: From ^{208}Pb(^{18}O,Xγ).
5914.99	$(1^-,2^+,3^-)$	3495.5 *3*	100 *11*	2419.62	(3^-)	
		3698.3 *3*	55 *41*	2216.08	2^+	
		5915.7 *5*	23 *5*	0.0	0^+	
5972.9	(1,2,3)	5197.4 *5*	100	775.32	2^+	
5977.47	(1,2,3)	3635.3 *3*	14 *7*	2341.99	$(3,4^+)$	
		4400.0 *5*	70 *7*	1577.43	2^+	
		5202.2 *5*	100 *43*	775.32	2^+	
5988.5	(1,2,3)	3568.8 *3*	60 *7*	2419.62	(3^-)	
		5213.1 *5*	100 *9*	775.32	2^+	
6034.4	$(1,2^+)$	5259.3 *5*	38 *23*	775.32	2^+	
		6033.8 *5*	100 *23*	0.0	0^+	
6071.2	$(1,2^+)$	5295.7 *5*	100 *6*	775.32	2^+	
		6071.0 *5*	7 *4*	0.0	0^+	
6109.2		1630 *1*	100	4479.2		E_γ,I_γ: From ^{208}Pb(^{18}O,Xγ).
6231.7	$(1,2^+)$	4015.5 *5*	59 *10*	2216.08	2^+	
		5456.3 *5*	100 *6*	775.32	2^+	
		6231.5 *5*	5 *3*	0.0	0^+	
6233.5		1040.5 *5*	100	5193.0	(9)	E_γ,I_γ: From ^{208}Pb(^{18}O,Xγ).
6539.2	(1,2,3)	5763.7 *5*	100	775.32	2^+	
6718.3	(1,2,3)	4376.2 *5*	100 *63*	2341.99	$(3,4^+)$	
		5942.8 *5*	100 *50*	775.32	2^+	
6758.0	(1,2,3)	5982.5 *5*	100	775.32	2^+	
6999.5	$(1,2^+)$	6999.2 *5*	100	0.0	0^+	
7490.6		1257.1 *7*	100	6233.5		E_γ,I_γ: From ^{208}Pb(^{18}O,Xγ).
7969.5		478.9 *4*	100	7490.6		E_γ,I_γ: From ^{208}Pb(^{18}O,Xγ).

[†] From ^{88}Br β^- decay, unless noted otherwise.
[‡] From ^{252}Cf SF decay.
[#] From $\gamma\gamma(\theta)$ in ^{252}Cf SF decay.
[@] Placement of transition in the level scheme is uncertain.

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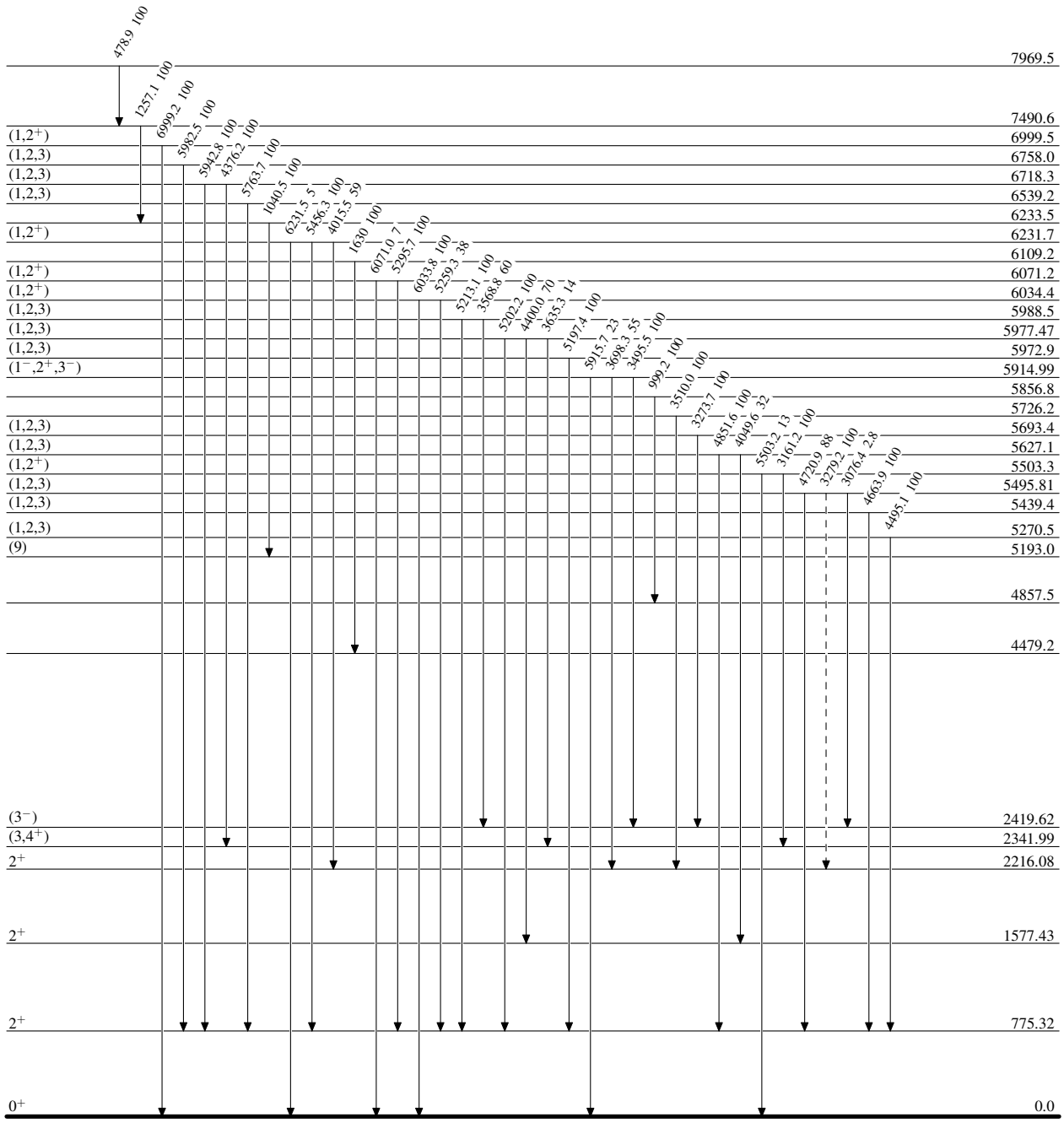
Adopted Levels, Gammas

Legend

Level Scheme

Intensities: Relative photon branching from each level

γ Decay (Uncertain)

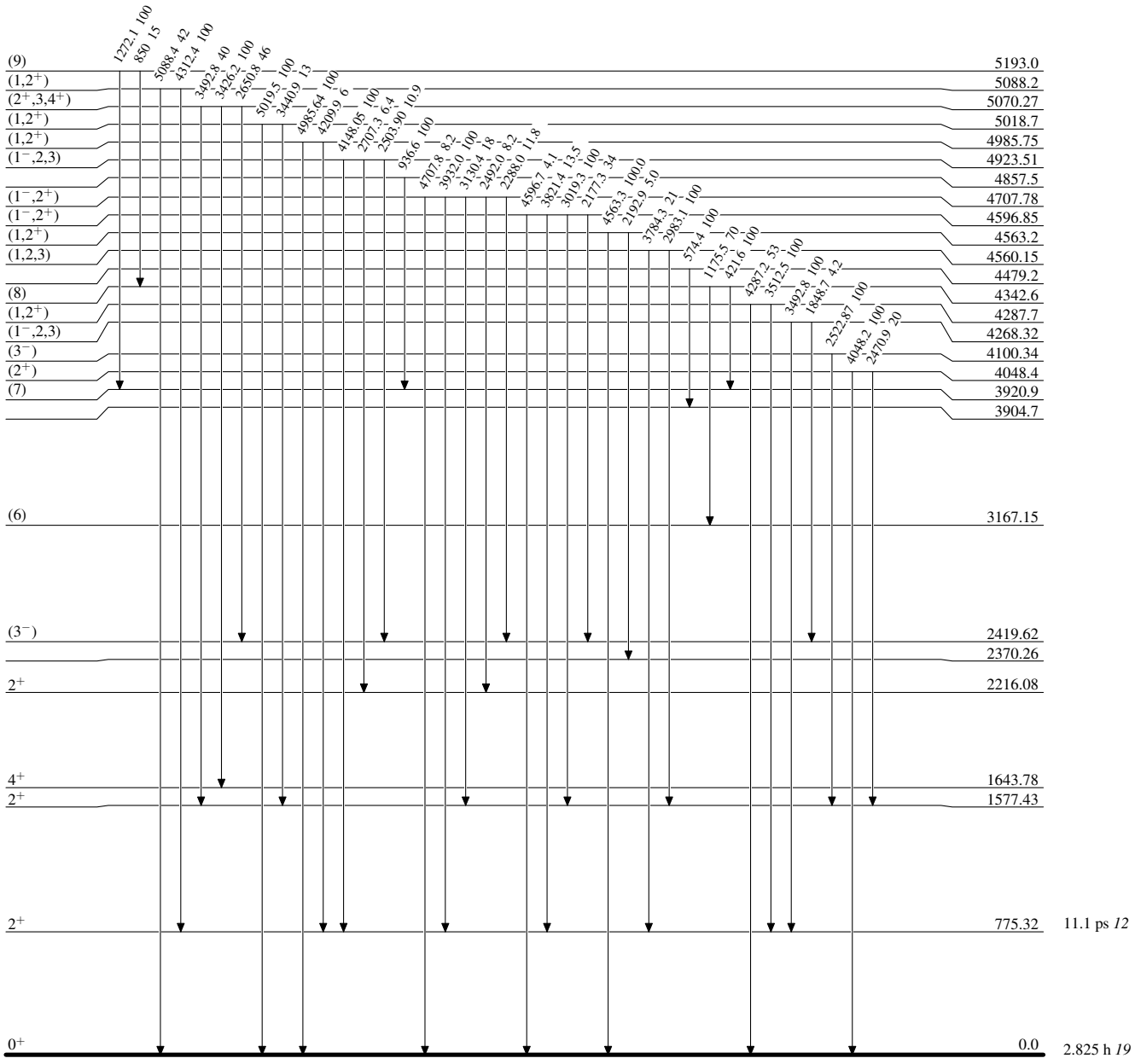


$^{88}_{36}Kr_{52}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level

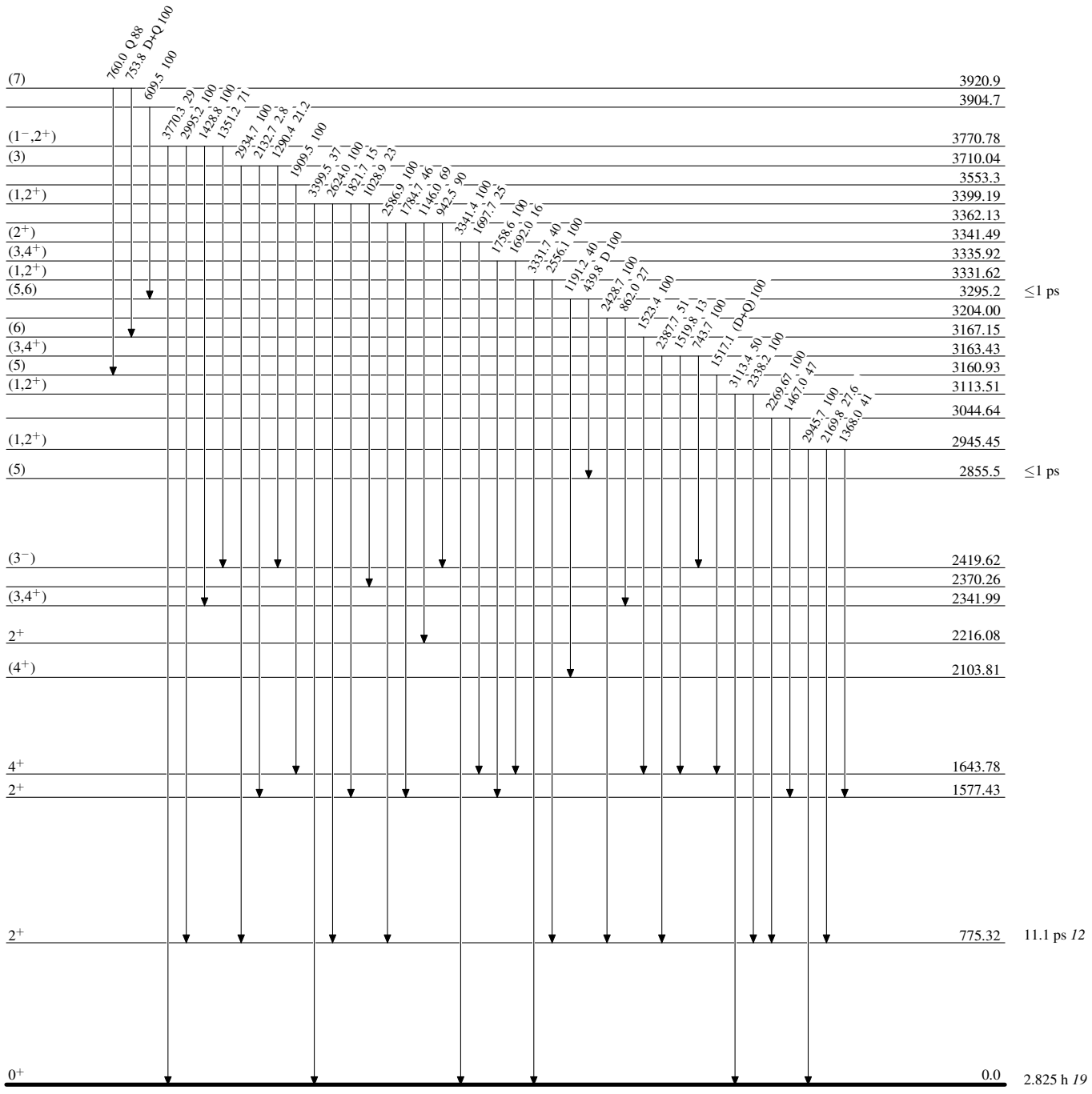


$^{88}_{36}Kr_{52}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level

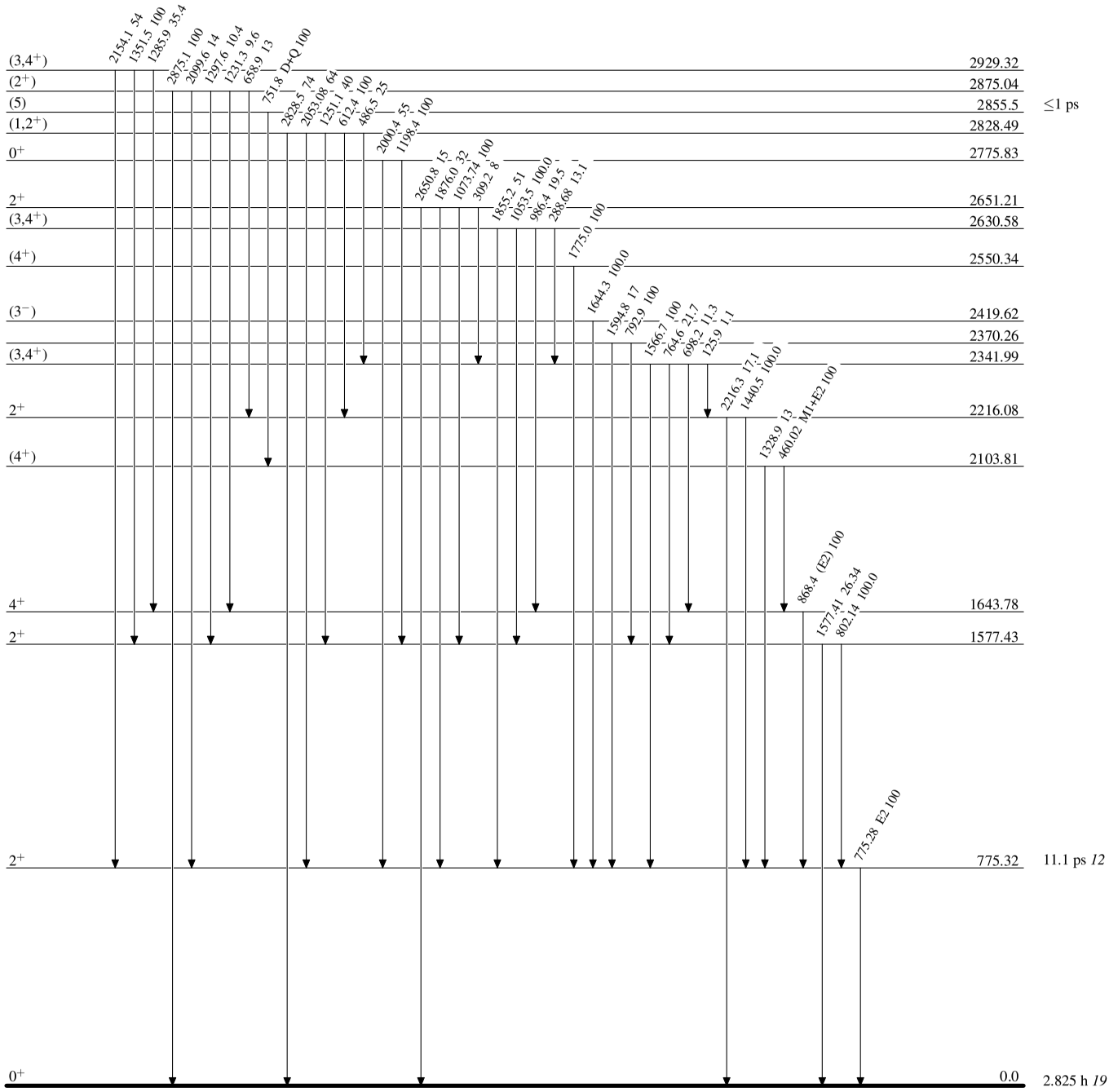


$^{88}_{36}Kr_{52}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level



$^{88}_{36}Kr_{52}$