Adopted Levels, Gammas

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	D. Abriola(a), A. A. Sonzogni	NDS 107, 2423 (2006)	1-Jan-2006

Q(β^-)=−9676 *5*; S(n)=13438 *4*; S(p)=6267 *4*; Q(α)=−4836 *5* 2012Wa38
Note: Current evaluation has used the following Q record.
ΔQ(β^-)=447 (2003Au03).
Q(β^-)=−9630.0 *SY*; S(n)=1.337×10^4 *9*; S(p)=6254 *13*; Q(α)=−4826 *14* 2003Au03

^{94}Ru Levels

Cross Reference (XREF) Flags

A	^{95}Pd β^+p decay (13.3 s)	D	^{92}Mo(^{3}He,n)
B	^{94}Rh ε decay (70.6 s)	E	^{96}Ru(p,t)
C	^{94}Rh ε decay (25.8 s)	F	(HI,xnγ)

E(level)[†]	Jπ[‡]	$T_{1/2}$[#]	XREF	Comments
0.0[@]	0$^+$	51.8 min *6*	ABCDEF	%β^++%ε=100 $T_{1/2}$: from 1968Bo27. Other: 53 min *1* (1967Ei01).
1430.71[@] *20*	2$^+$		ABCDEF	XREF: D(1370). Jπ: L=2 in (p,t).
2186.6[@] *3*	4$^+$		ABC EF	Jπ: L=(4) in (p,t), (E2) γ to 2$^+$, systematics of N=50 nuclei.
2498.0[@] *3*	6$^+$	65 ns *2*	ABC EF	Jπ: E2 γ to 4$^+$.
2503.2 *3*	(3,4,5)		B E	Jπ: log *ft*=6.1 in (4$^+$) decay, L=(2,4) in (p,t).
2624.4[&] *3*	5$^-$	0.51 ns *5*	BC EF	Jπ: E1 γ's to 4$^+$ and 6$^+$.
2644.1[@] *4*	8$^+$	71 μs *4*	A C F	%IT=100 Jπ: E2 γ to 6$^+$, systematics of N=50 nuclei.
2965 *6*	(3$^-$)		E	Jπ: L(p,t)=(3).
2995 *6*	0$^+$		E	Jπ: L(p,t)=0.
3117.0 *4*	(3,4,5)		B	Jπ: log *ft*=6.8 in decay of (4$^+$).
3177.3 *4*	(3,4,5)		B	Jπ: log *ft*=7.1 in decay of (4$^+$).
3254.7 *4*	(3,4,5)		B	Jπ: log *ft*=6.7 in decay of (4$^+$).
3520 *7*			E	
3615 *7*	0$^+$		E	Jπ: L(p,t)=0.
3657.6[&] *4*	(7$^-$)		C F	
3770 *8*	0$^+$		E	Jπ: L(p,t)=0.
3820 *8*			E	
3930.1 *4*	(8$^+$)		F	
3991.2[@] *4*	(10)$^+$	<3.47 ps	F	Jπ: from E2 γ to 8$^+$.
4000 *8*			E	
4197.3[&] *4*	(9)$^-$		F	Jπ: fed from (11)$^-$ with E2 G.
4338.5 *4*	(9)$^-$		F	Jπ: fed from (11)$^-$ with E2 G.
4489.1[&] *4*	(11)$^-$	0.760 ns *35*	F	Jπ: from E1 to (10)$^+$.
4716.6[@] *4*	(12)$^+$	23.8 ps *11*	F	Jπ: from E2 to (10)$^+$.
5567.8[&] *4*	(13)$^-$	2.01 ps *22*	F	Jπ: from E2 to (11)$^-$.
6275.1 *4*	(12$^+$)		F	
6357.6 *4*	(12$^+$)		F	
6614.4[@] *4*	(13)$^+$	0.87 ps *12*	F	Jπ: from M1 to (12)$^+$.
6918.9 *4*	(13$^-$)		F	
7157.6[@] *4*	(14)$^+$	0.33 ps *4*	F	Jπ: from E2 to (12)$^+$ and M1 to (13)$^+$.
7768.3 *4*	(13)$^-$		F	Jπ: fed from (15)$^-$ with E2 G.

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Adopted Levels, Gammas (continued)

^{94}Ru Levels (continued)

E(level)[†]	Jπ[‡]	$T_{1/2}$[#]	XREF	Comments
7773.1[@] *4*	$(15)^+$	<0.28 ps	F	Jπ: from E2 to $(13)^+$.
7909.9 *4*	(15^+)		F	
7970.0 *4*	$(14)^-$		F	Jπ: fed from $(14)^-$ with M1 G.
8039.4 *4*	(14^+)		F	
8133.2 *4*	$(15)^-$		F	Jπ: fed from $(15)^-$ with M1 G.
8152.3 *4*	$(14)^-$		F	Jπ: fed from $(15)^-$ with M1 G.
8271.8[&] *4*	$(14)^-$	0.291 ps *28*	F	Jπ: from M1 to $(13)^-$.
8411.2[@] *4*	$(16)^+$	<0.69 ps	F	Jπ: from M1 to $(15)^+$ and E2 to $(14)^+$.
8501.5[&] *4*	$(15)^-$	1.28 ps *8*	F	Jπ: from M1 to $(14)^-$.
8736.7 *4*	$(15)^-$		F	Jπ: fed from $(16)^-$ with M1 G.
8853.4 *4*	(15^-)		F	
8996.7[&] *4*	$(16)^-$	<0.69 ps	F	Jπ: from M1 to $(15)^-$.
9041.7[@] *4*	$(17)^+$	<1.4 ps	F	Jπ: from M1 to $(16)^+$ and E2 to $(15)^+$.
9134.9 *4*	$(16)^-$		F	Jπ: from E2 to $(18)^-$.
9254.2 *4*	$(17)^-$		F	Jπ: fed from $(18)^-$ with M1 G.
9464.0 *4*	(16^-)		F	
9526.6[@] *4*	$(18)^+$	0.360 ps *21*	F	Jπ: from M1 to $(17)^+$.
9789.2 *4*	$(17)^-$		F	Jπ: fed from $(18)^-$ with M1 G.
9921.0[@] *4*	$(19)^+$	<3.4 ps	F	Jπ: from M1 to $(18)^+$ and E2 to $(17)^+$.
9928.6[&] *4*	$(18)^-$	3.49 ps *24*	F	Jπ: from E2 to $(16)^-$.
10129.4 *4*	(17^-)		F	
10444.3 *4*	$(19)^-$		F	Jπ: fed from $(20)^-$ with M1 G.
10544.8 *4*	(18^-)		F	
11041.8[&] *4*	$(20)^-$	<1.8 ps	F	Jπ: from E2 to $(18)^-$.
11451.7 *5*	(19^+)		F	
12077.2 *5*	$(20^+,21^+)$		F	
12429.6 *5*	$(20^+,21^+)$		F	
12484.1 *4*	$(20^-,21^-)$		F	
12922.8 *4*	(20^-)		F	
12940.0 *5*	(20^+)		F	
13053.4 *5*	(22^-)		F	
13077.7 *5*	(21^-)		F	
13247.0 *5*	$(20^+,21^+)$		F	
13623.8 *5*	(21^+)		F	
13896.9 *4*	(21^-)		F	
13917.0 *5*	$(23^-,24^-)$		F	
13938.8 *4*	$(21^-,22^-)$		F	
14226.7 *5*	(21^-)		F	
14293.5 *5*	(23^-)		F	
14674.8 *5*	$(21^-,22^-)$		F	
14805.7 *4*	$(21^-,22^-)$		F	
15289.4 *4*	$(22^-,23^-)$		F	
16767.4 *5*	$(24^-,25^-)$		F	
18321.4 *5*	$(25^-,26^-,27^-)$		F	

[†] From least-squares fit to Eγ.
[‡] Unless otherwise explained, from γ decay pattern.
[#] From (HI,xnγ).
[@] Band(A): Cascade based on 0^+.
[&] Band(B): Cascade based on 5^-.

Adopted Levels, Gammas (continued)

$\gamma(^{94}Ru)$

E_i(level)	J_i^π	E_γ[†]	I_γ	E_f	J_f^π	Mult.[†]	α[‡]	Comments
1430.71	2^+	1430.7 *2*	100	0.0	0^+	(E2)	0.00041	α=0.00041; α(K)=0.00036 *1*
2186.6	4^+	755.9 *2*	100	1430.71	2^+	(E2)	0.00175	α=0.00175; α(K)=0.00151 *5*; α(L)=0.00018 *1*
2498.0	6^+	311.4 *2*	100	2186.6	4^+	E2	0.0238	α=0.0238; α(K)=0.0205 *7*; α(L)=0.00271 *9*; α(M)=0.00050 *2* B(E2)(W.u.)=0.117 *4*
2503.2	(3,4,5)	1072.5 *2*	100	1430.71	2^+			
2624.4	5^-	126.5 *2*	46.0 *18*	2498.0	6^+	E1	0.0707	α=0.0707; α(K)=0.0620 *19*; α(L)=0.00722 *22*; α(M)=0.00131 *4*; α(N+..)=0.00024 *1* B(E1)(W.u.)=0.000100 *11*
		437.7 *2*	100 *3*	2186.6	4^+	E1	0.00232	α=0.00232; α(K)=0.00204 *7*; α(L)=0.00023 *1* B(E1)(W.u.)=5.2×10^{-6} *6*
2644.1	8^+	146.1 *2*	100	2498.0	6^+	E2	0.335	α=0.335; α(K)=0.278 *9*; α(L)=0.0471 *15*; α(M)=0.0087 *3*; α(N+..)=0.00155 *5* B(E2)(W.u.)=0.0047 *3*
3117.0	(3,4,5)	492.6 *3*	100	2624.4	5^-			
3177.3	(3,4,5)	552.9 *3*	100	2624.4	5^-			
3254.7	(3,4,5)	1068.1 *3*	100	2186.6	4^+			
3657.6	(7^-)	1033.3 *2*	100	2624.4	5^-	(E2)	0.00083	α=0.00083; α(K)=0.00072 *2*
3930.1	(8^+)	1432.1 *2*	100	2498.0	6^+			
3991.2	$(10)^+$	1347.1 *2*	100	2644.1	8^+	E2	0.00047	α=0.00047; α(K)=0.00041 *1*
4197.3	$(9)^-$	267.2 *2*	13.4 *6*	3930.1	(8^+)			
		539.6 *2*	100.0 *17*	3657.6	(7^-)			
		1553.2 *2*	16.8 *11*	2644.1	8^+			
4338.5	$(9)^-$	680.9 *2*	100	3657.6	(7^-)			
4489.1	$(11)^-$	150.7 *2*	1.65 *24*	4338.5	$(9)^-$	E2	0.300	α=0.300; α(K)=0.249 *8*; α(L)=0.0416 *13*; α(M)=0.00771 *24*; α(N+..)=0.00137 *5* B(E2)(W.u.)=4.2 *7*
		291.7 *2*	46.8 *5*	4197.3	$(9)^-$	E2	0.0296	α=0.0296; α(K)=0.0254 *8*; α(L)=0.00342 *11*; α(M)=0.00063 *2*; α(N+..)=0.00012 B(E2)(W.u.)=4.38 *21*
		498.0 *2*	100.0 *9*	3991.2	$(10)^+$	E1	0.00169	α=0.00169; α(K)=0.00149 *5*; α(L)=0.00017 *1* B(E1)(W.u.)=2.35×10^{-6} *12*
4716.6	$(12)^+$	227.4 *2*	1.54 *19*	4489.1	$(11)^-$			
		725.3 *2*	≤100	3991.2	$(10)^+$	E2	0.00194	α=0.00194; α(K)=0.00168 *5*; α(L)=0.00020 *1* B(E2)(W.u.)=5 *+7−5*
5567.8	$(13)^-$	1078.8 *2*	100	4489.1	$(11)^-$	E2	0.00075	α=0.00075; α(K)=0.00065 *2* B(E2)(W.u.)=7.6 *9*
6275.1	(12^+)	2283.8 *2*	100	3991.2	$(10)^+$			
6357.6	(12^+)	1641.0 *2*	33 *6*	4716.6	$(12)^+$			
		1868.5 *2*	100 *9*	4489.1	$(11)^-$			
6614.4	$(13)^+$	256.7 *2*	50.7 *4*	6357.6	(12^+)			
		1897.9 *2*	100.0 *12*	4716.6	$(12)^+$	M1		B(M1)(W.u.)=0.0025 *4*
6918.9	(13^-)	2430.0 *2*	100	4489.1	$(11)^-$			
7157.6	$(14)^+$	543.0 *2*	100.0 *11*	6614.4	$(13)^+$	M1	0.00388	α=0.00388; α(K)=0.00336 *10*; α(L)=0.00039 *1* B(M1)(W.u.)=0.41 *5*
		2440.8 *2*	2.8 *6*	4716.6	$(12)^+$	E2		B(E2)(W.u.)=0.021 *6*
7768.3	$(13)^-$	2200.4 *2*	100	5567.8	$(13)^-$			
7773.1	$(15)^+$	615.3 *2*	≤100	7157.6	$(14)^+$	(M1)	0.00289	α=0.00289; α(K)=0.00251 *8*; α(L)=0.00029 *1*
		1158.8 *2*	23.8 *13*	6614.4	$(13)^+$	E2	0.00064	α=0.00064; α(K)=0.00056 *2*
7909.9	(15^+)	137.0 *2*	8.5 *12*	7773.1	$(15)^+$			
		752.1 *2*	100.0 *24*	7157.6	$(14)^+$			
		1295.5 *2*	62 *4*	6614.4	$(13)^+$			
7970.0	$(14)^-$	2402.0 *2*	100	5567.8	$(13)^-$			
8039.4	(14^+)	1764.3 *2*	100 *17*	6275.1	(12^+)			

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Adopted Levels, Gammas (continued)

γ(^{94}Ru) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ	E_f	J_f^π	Mult.[†]	α[‡]	Comments
8039.4	(14^+)	3322.7 *2*	50 *8*	4716.6	$(12)^+$			
8133.2	$(15)^-$	2565.4 *2*	100	5567.8	$(13)^-$			
8152.3	$(14)^-$	383.9 *2*	22.0 *24*	7768.3	$(13)^-$			
		2584.5 *2*	100.0 *24*	5567.8	$(13)^-$			
8271.8	$(14)^-$	120.1 *2*	8.5 *7*	8152.3	$(14)^-$			
		301.7 *2*	5.2 *13*	7970.0	$(14)^-$	M1	0.0162	α=0.0162; α(K)=0.0142 *5*; α(L)=0.00166 *5*; α(M)=0.00030 *1* B(M1)(W.u.)=0.13 *4*
		503.3 *2*		7768.3	$(13)^-$			
		2704.1 *2*	100.0 *20*	5567.8	$(13)^-$	M1		B(M1)(W.u.)=0.0034 *4*
8411.2	$(16)^+$	501.0 *2*	≤43	7909.9	(15^+)	(M1)	0.00470	α=0.00470; α(K)=0.00408 *13*; α(L)=0.00047 *1*
		638.0 *2*	100.0 *18*	7773.1	$(15)^+$	M1	0.00266	α=0.00266; α(K)=0.00230 *7*; α(L)=0.00026 *1*
		1253.8 *2*	17.0 *12*	7157.6	$(14)^+$	E2	0.00054	α=0.00054; α(K)=0.00047 *2*
8501.5	$(15)^-$	229.8 *2*	100.0 *20*	8271.8	$(14)^-$	M1	0.0326	α=0.0326; α(K)=0.0285 *9*; α(L)=0.00336 *10*; α(M)=0.00062 *2*; α(N+..)=0.00012 B(M1)(W.u.)=0.44 *3*
		349.0 *2*	39.2 *20*	8152.3	$(14)^-$	M1	0.0112	α=0.0112; α(K)=0.0098 *3*; α(L)=0.00114 *4*; α(M)=0.00021 *1* B(M1)(W.u.)=0.049 *4*
		368.3 *2*	28.1 *13*	8133.2	$(15)^-$	M1	0.0098	α=0.0098; α(K)=0.0086 *3*; α(L)=0.00100 *3*; α(M)=0.00018 *1* B(M1)(W.u.)=0.0300 *24*
		461.9 *2*	24.2 *20*	8039.4	(14^+)			
		531.6 *2*	30.7 *13*	7970.0	$(14)^-$	M1	0.00408	α=0.00408; α(K)=0.00354 *11*; α(L)=0.00041 *1* B(M1)(W.u.)=0.0109 *9*
		733.3 *2*	28.1 *13*	7768.3	$(13)^-$	E2	0.00189	α=0.00189; α(K)=0.00163 *5*; α(L)=0.00019 *1* B(E2)(W.u.)=7.1 *6*
		1344.0 *2*	66.7 *20*	7157.6	$(14)^+$			
		1582.8 *2*	5.9 *20*	6918.9	(13^-)			
8736.7	$(15)^-$	464.8 *2*	53 *3*	8271.8	$(14)^-$			
		584.2 *2*	100 *5*	8152.3	$(14)^-$			
		603.7 *2*	22 *5*	8133.2	$(15)^-$			
		963.4 *2*	22 *5*	7773.1	$(15)^+$			
8853.4	(15^-)	581.8 *2*	69 *8*	8271.8	$(14)^-$			
		701.1 *2*	100 *8*	8152.3	$(14)^-$			
8996.7	$(16)^-$	259.7 *2*	10.4 *5*	8736.7	$(15)^-$	M1	0.0237	α=0.0237; α(K)=0.0208 *7*; α(L)=0.00244 *8*; α(M)=0.00045 *1*
		495.0 *2*	100.0 *13*	8501.5	$(15)^-$	M1	0.00478	α=0.00478; α(K)=0.00420 *13*; α(L)=0.00048 *2*
		725.0 *2*		8271.8	$(14)^-$			
9041.7	$(17)^+$	630.2 *2*	100.0 *14*	8411.2	$(16)^+$	M1	0.00273	α=0.00273; α(K)=0.00237 *8*; α(L)=0.00027 *1*
		1268.5 *2*	11.8 *9*	7773.1	$(15)^+$	E2	0.00053	α=0.00053; α(K)=0.00046 *1*
9134.9	$(16)^-$	281.6 *2*	73.2 *24*	8853.4	(15^-)			
		398.1 *2*	100 *5*	8736.7	$(15)^-$			
		1225.1 *2*	27 *5*	7909.9	(15^+)			
9254.2	$(17)^-$	119.7[#] *2*	4.5[#] *4*	9134.9	$(16)^-$			
		257.3 *2*	100.0 *8*	8996.7	$(16)^-$			
9464.0	(16^-)	610.6 *2*	100 *6*	8853.4	(15^-)			
		1691.0 *2*	8 *4*	7773.1	$(15)^+$			
9526.6	$(18)^+$	484.7 *2*	≤100	9041.7	$(17)^+$	M1	0.00503	α=0.00503; α(K)=0.00441 *14*; α(L)=0.00051 *2* B(M1)(W.u.)=0.5 *5*
		1115.6 *2*		8411.2	$(16)^+$			
9789.2	$(17)^-$	325.2 *2*	18.4 *11*	9464.0	(16^-)			
		654.1 *2*	20.1 *11*	9134.9	$(16)^-$			
		792.4 *2*	100.0 *17*	8996.7	$(16)^-$			
		1288.0 *2*	8.4 *11*	8501.5	$(15)^-$			

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Adopted Levels, Gammas (continued)

γ(^{94}Ru) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ	E_f	J_f^π	Mult.[†]	α[‡]	Comments
9921.0	$(19)^+$	394.3 *2*	100 *3*	9526.6	$(18)^+$	M1	0.00831	α=0.00831; α(K)=0.00728 *22*; α(L)=0.00084 *3*; α(M)=0.00015 *1*
		879.3 *2*	32 *3*	9041.7	$(17)^+$	E2	0.00120	α=0.00120; α(K)=0.00104 *4*; α(L)=0.00012
9928.6	$(18)^-$	139.6 *2*	93.9 *11*	9789.2	$(17)^-$	M1	0.124	α=0.124; α(K)=0.108 *4*; α(L)=0.0129 *4*; α(M)=0.00237 *7*; α(N+..)=0.00046 *1* B(M1)(W.u.)=0.61 *5*
		401.9 *2*	9.5 *11*	9526.6	$(18)^+$			
		674.4 *2*	58.1 *17*	9254.2	$(17)^-$	M1	0.00234	α=0.00234; α(K)=0.00203 *6*; α(L)=0.00023 *1* B(M1)(W.u.)=0.0034 *3*
		793.4 *2*	100.0 *17*	9134.9	$(16)^-$	E2	0.00155	α=0.00155; α(K)=0.00134 *4*; α(L)=0.00016 *1* B(E2)(W.u.)=5.7 *5*
		886.8 *2*	17.3 *17*	9041.7	$(17)^+$			
		931.9 *2*	75.4 *17*	8996.7	$(16)^-$	E2	0.00105	α=0.00105; α(K)=0.00091 *3*; α(L)=0.00011 B(E2)(W.u.)=1.93 *15*
10129.4	(17^-)	1718.3 *2*	100	8411.2	$(16)^+$			
10444.3	$(19)^-$	515.6 *2*	100 *3*	9928.6	$(18)^-$			
		1190.4 *2*	95 *3*	9254.2	$(17)^-$			
10544.8	(18^-)	415.4 *2*	100 *8*	10129.4	(17^-)			
		615.7 *2*		9928.6	$(18)^-$			
11041.8	$(20)^-$	597.5 *2*	21.9 *9*	10444.3	$(19)^-$	M1	0.00309	α=0.00309; α(K)=0.00268 *8*; α(L)=0.00031 *1*
		1113.4 *2*	≤100	9928.6	$(18)^-$	E2	0.00070	α=0.00070; α(K)=0.00061 *2*
11451.7	(19^+)	2410.0 *2*	100	9041.7	$(17)^+$			
12077.2	$(20^+,21^+)$	2156.2 *2*	100	9921.0	$(19)^+$			
12429.6	$(20^+,21^+)$	2508.6 *2*	100	9921.0	$(19)^+$			
12484.1	$(20^-,21^-)$	2039.9 *2*	100	10444.3	$(19)^-$			
12922.8	(20^-)	1881.3 *2*	100 *9*	11041.8	$(20)^-$			
		2377.6 *2*	86 *9*	10544.8	(18^-)			
12940.0	(20^+)	3019.0 *2*	100	9921.0	$(19)^+$			
13053.4	(22^-)	2011.6 *2*	100	11041.8	$(20)^-$			
13077.7	(21^-)	2035.8 *2*	100	11041.8	$(20)^-$			
13247.0	$(20^+,21^+)$	1795.3 *2*	100	11451.7	(19^+)			
13623.8	(21^+)	683.8 *2*		12940.0	(20^+)			
		3702.8 *2*	100 *25*	9921.0	$(19)^+$			
13896.9	(21^-)	1412.9 *2*	1.0×10^2 *4*	12484.1	$(20^-,21^-)$			
		2854.7 *2*	67 *22*	11041.8	$(20)^-$			
		3452.6 *2*	78 *22*	10444.3	$(19)^-$			
13917.0	$(23^-,24^-)$	863.6 *2*	100	13053.4	(22^-)			
13938.8	$(21^-,22^-)$	2897.1 *2*	100	11041.8	$(20)^-$			
14226.7	(21^-)	3184.8 *2*	100	11041.8	$(20)^-$			
14293.5	(23^-)	1215.8 *2*	100 *18*	13077.7	(21^-)			
		1240.1 *2*	71 *12*	13053.4	(22^-)			
14674.8	$(21^-,22^-)$	3632.9 *2*	100	11041.8	$(20)^-$			
14805.7	$(21^-,22^-)$	867.0 *2*	1.0×10^2 *3*	13938.8	$(21^-,22^-)$			
		3763.7 *2*	27 *9*	11041.8	$(20)^-$			
15289.4	$(22^-,23^-)$	483.8 *2*		14805.7	$(21^-,22^-)$			
		1392.6 *2*	100 *13*	13896.9	(21^-)			
		2805.2 *2*	23 *6*	12484.1	$(20^-,21^-)$			
16767.4	$(24^-,25^-)$	1477.9 *2*	100	15289.4	$(22^-,23^-)$			
18321.4	$(25^-,26^-,27^-)$	1554.0 *2*	100	16767.4	$(24^-,25^-)$			

Continued on next page (footnotes at end of table)

Adopted Levels, Gammas (continued)

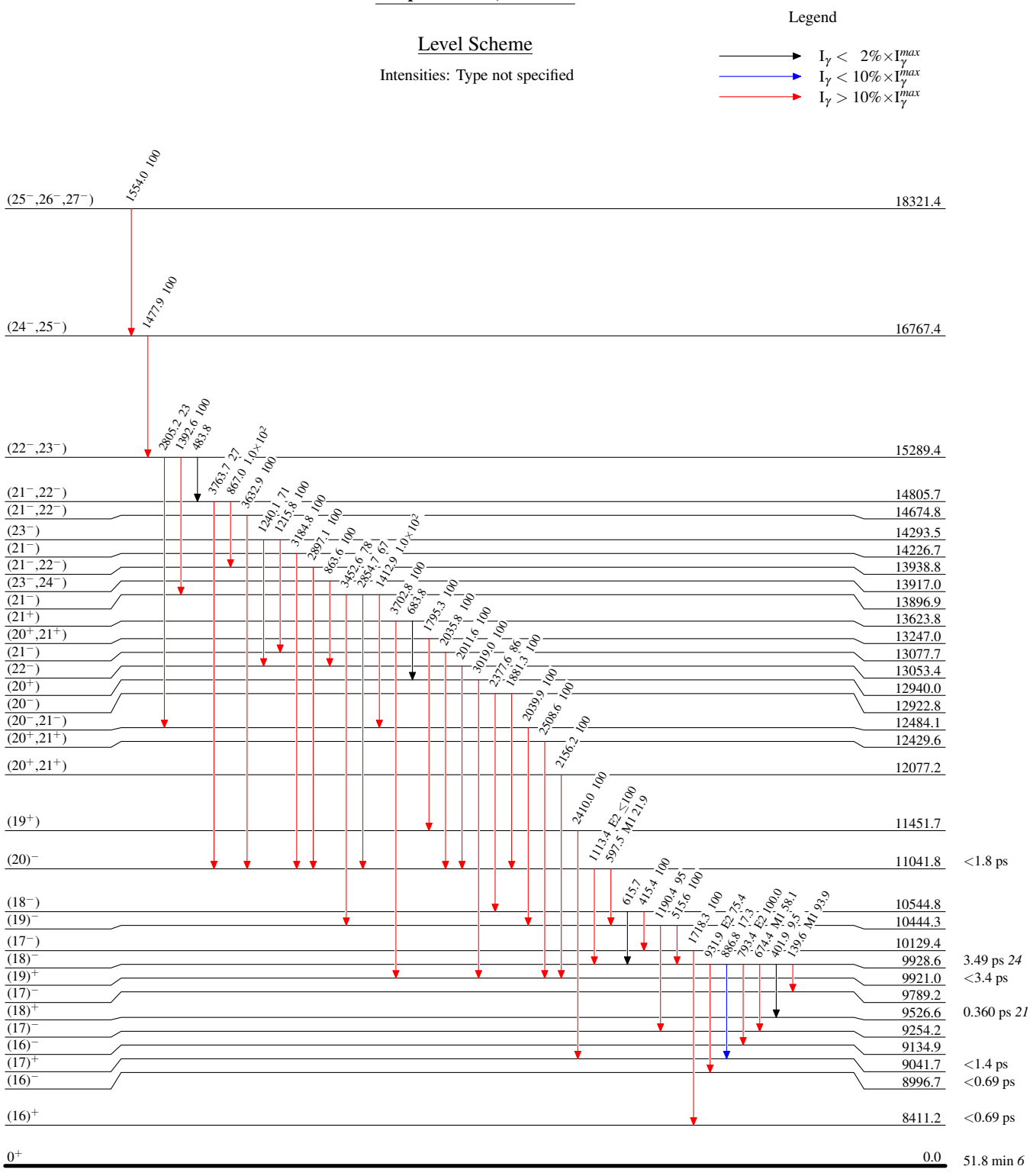
$\gamma(^{94}Ru)$ (continued)

† From (HI,xnγ).
‡ 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.
# Multiply placed with undivided intensity.

Adopted Levels, Gammas

Level Scheme

Intensities: Type not specified



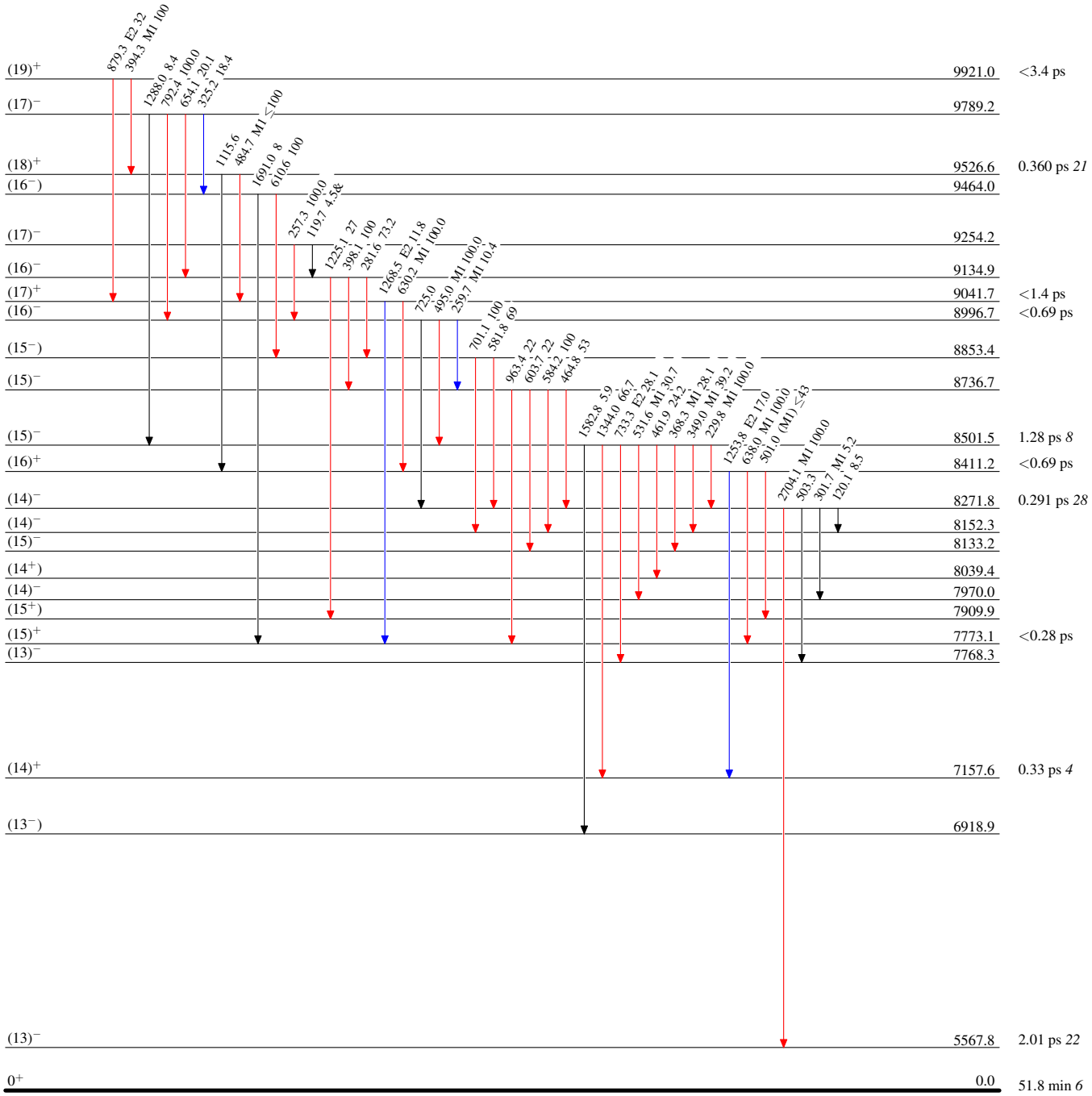
$^{94}_{44}Ru_{50}$

Adopted Levels, Gammas

Level Scheme (continued)

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

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



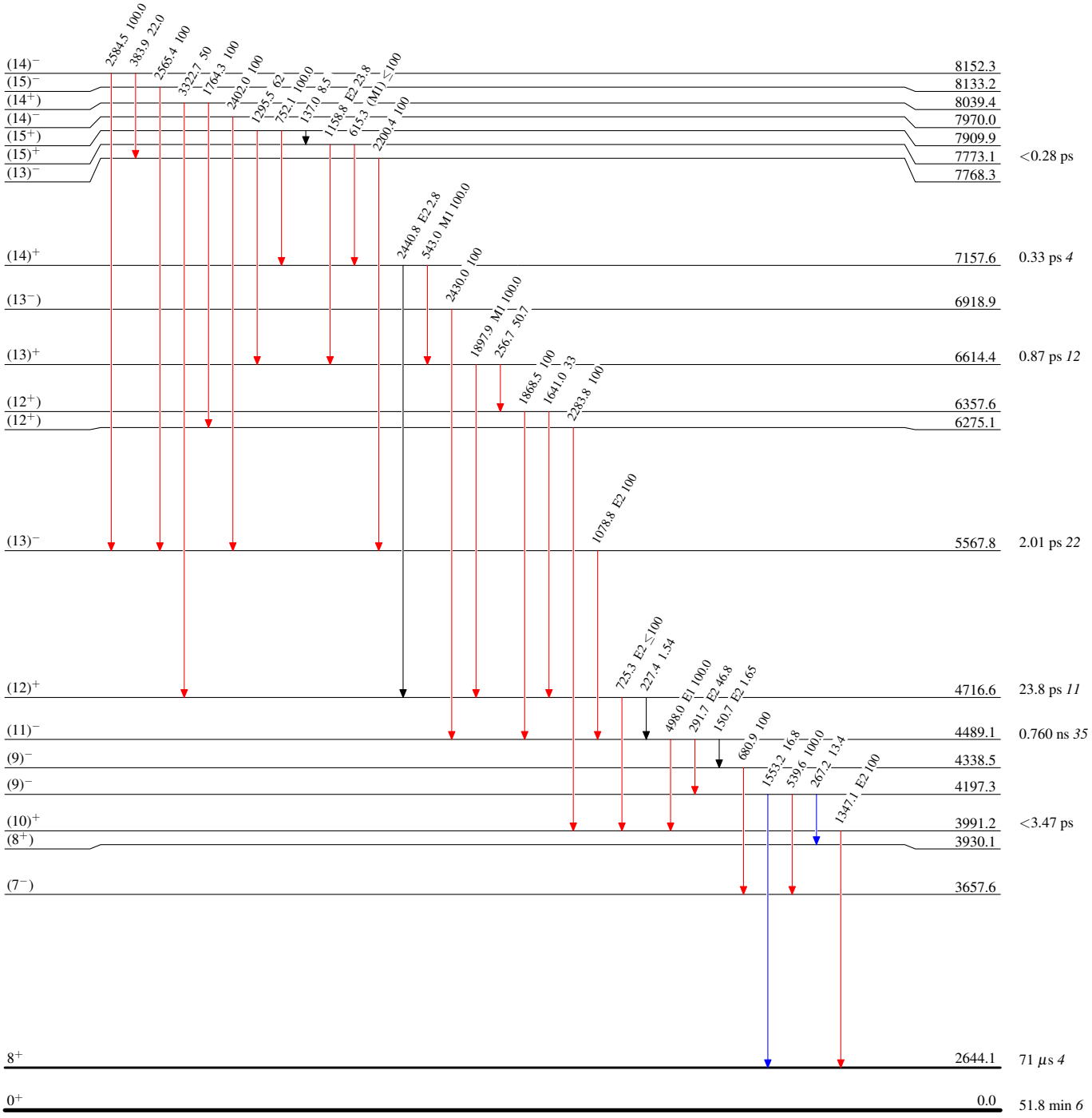
$^{94}_{44}Ru_{50}$

Adopted Levels, Gammas

Level Scheme (continued)

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

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



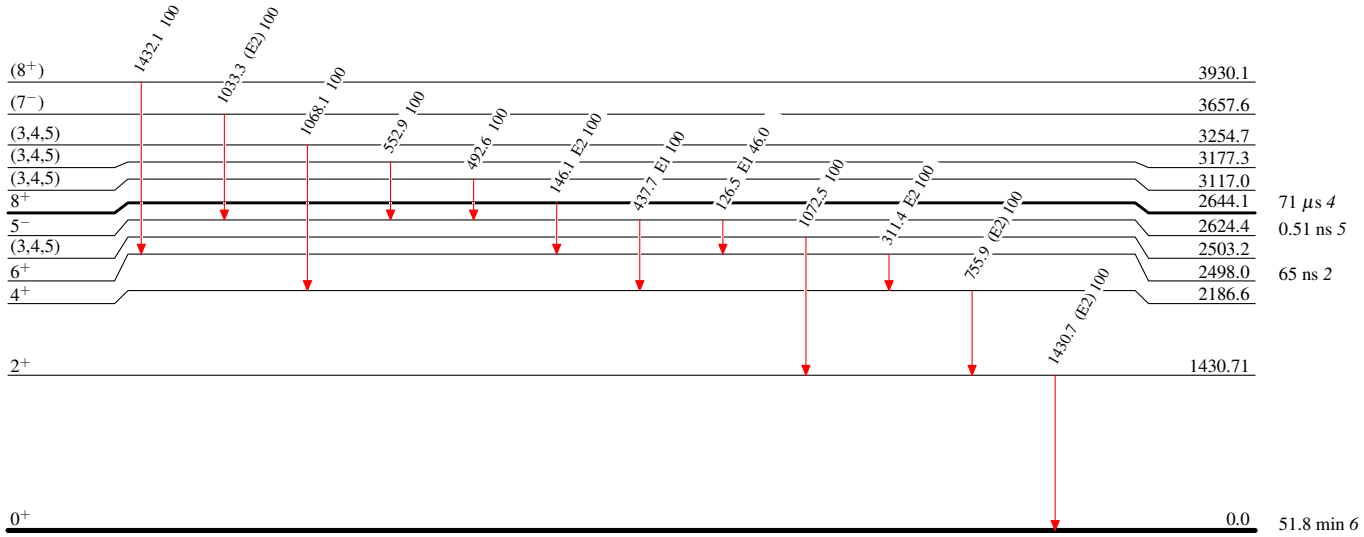
$^{94}_{44}Ru_{50}$

Adopted Levels, Gammas

Level Scheme (continued)

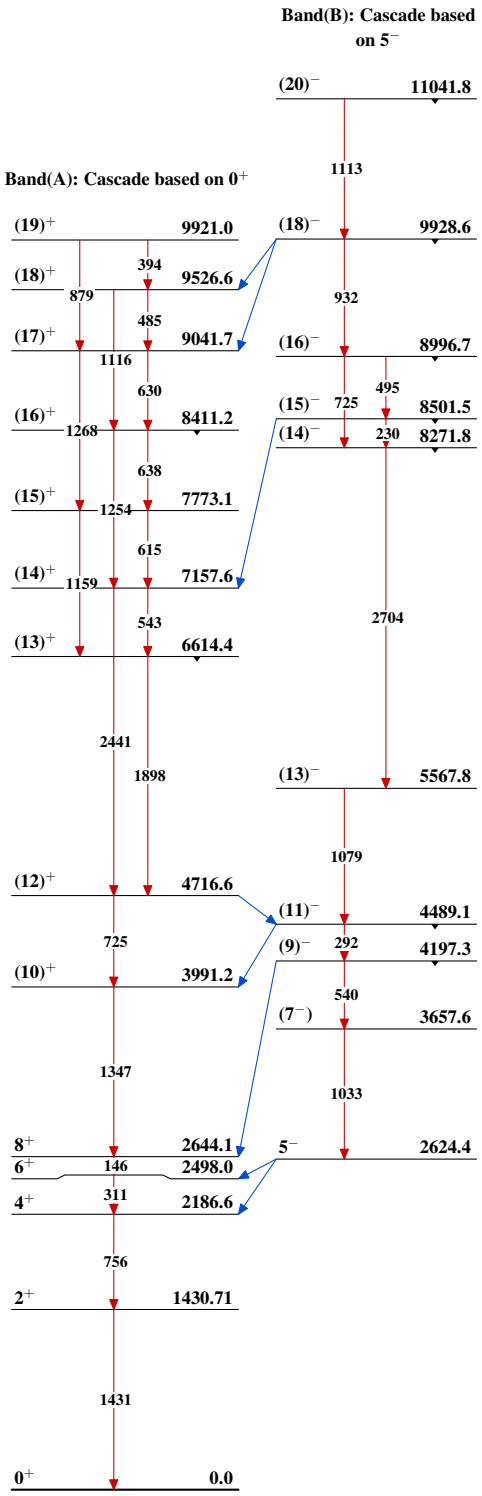
Intensities: Type not specified
& Multiply placed: undivided intensity given

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



$^{94}_{44}Ru_{50}$

Adopted Levels, Gammas



$^{94}_{44}Ru_{50}$