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^-)=−1574 *6*; S(n)=8623 *5*; S(p)=4640 *5*; Q(α)=−3920 *6* 2012Wa38
Note: Current evaluation has used the following Q record.
Q(β^-)=−1586 *13*; S(n)=8623 *6*; S(p)=4639 *5*; Q(α)=−3923 *6* 2003Au03

^{94}Tc Levels

Cross Reference (XREF) Flags

A	^{94}Ru ε decay	E	^{94}Mo(p,nγ)
B	^{92}Mo(^{3}He,p)	F	^{94}Mo(^{3}He,t)
C	^{92}Mo(α,d)	G	(HI,xnγ)
D	^{93}Nb(α,3nγ)		

E(level)‡	J$^\pi$ f	T$_{1/2}$ †	XREF	Comments
0.0	7$^+$	293 min *1*	ABCDEFG	%ε+%β^+=100 μ=5.08 *8* (1989Ra17) T$_{1/2}$: from 1963Ma21. Others: 295 min *10* (1965Ba48), 270 min *12* (1962Mo06). J$^\pi$: log *ft*=5.1 to 6$^+$ and logft=6 to 8$^+$.
76 *3*	(2)$^+$	52.0 min *10*	AB EF	%ε+%β^+=100; %IT<0.1 (1967Di01) T$_{1/2}$: weighted average of 52.5 min *15* (1950Me21), 53 min *2* (1962Mo06), and 50 min *2* (1948Mo19). E(level): from ^{94}Mo(^{3}He,t). J$^\pi$: log *ft*=5.6 to 2$^+$.
98 *3*	(3$^+$)		E	
103.4 *3*	(6$^+$)	<5[d] ns	BCDEFG	
212.4 *10*	(5$^+$)	<5[d] ns	BCDEF	J$^\pi$: L(^{3}He,p)=4+6.
244 *3*	(4$^+$)		B EF	
336 *3*	(2$^-$)	1.5[e] ns *3*	BC EF	
443 *3*	1$^+$		ABC EF	XREF: C(450). J$^\pi$: log *ft*=3.9 from 0$^+$.
478 *3*	(3$^-$)		B EF	
801 *3*	(2$^-$)	0.27[e] ps *+83−13*	E	
826 *3*	(2$^+$)	0.103[e] ps *28*	B E	
921 *3*	(3$^+$)	0.063[e] ps *18*	B EF	
929 *3*	(4$^+$)	0.07[e] ps *3*	C E	
956 *3*	(3$^-$)	0.17[e] ps *6*	B E	
968 *3*	1$^+$	0.074[e] ps *19*	A EF	J$^\pi$: log *ft*=3.8 from 0$^+$.
1048 *3*	(3$^+$)	0.054[e] ps *14*	B E	XREF: B(1031).
1181 *3*	(2$^-$,3$^-$)		E	
1267 *3*	(3$^+$)	0.07[e] ps *+4−2*	BC	XREF: B(1250)C(1220).
1317 *3*	(4$^-$)	0.07[e] ps *3*	BC	XREF: B(1289)C(1300).
1355 *3*	(3$^-$)	0.08[e] ps *+6−3*	B E	
1368 *3*	(2$^+$)	0.075[e] ps *18*	E	
1374.0 *3*	(9$^+$)		D G	
1397 *3*	(3$^-$)	0.080[e] ps *21*	E	
1410 *3*	(3$^+$)	0.078[e] ps *21*	BC E	
1432 *3*	(1$^+$)	0.10[e] ps *4*	E	
1447.8 *3*	(8$^+$)		D G	
1543 *3*	(3$^+$)	0.066[e] ps *16*	B E	XREF: B(1523).
1663 *3*			C E	

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Adopted Levels, Gammas (continued)

^{94}Tc Levels (continued)

E(level)‡	Jπ[f]	$T_{1/2}$†	XREF	Comments
1682 *3*	(2,3,4⁻)	0.044[e] ps *11*	E	
1743			BC	
1781 *3*	(3⁺)		BC E	
1860 *3*		0.04[e] ps *+4−2*	E	
1868 *3*	(3⁺)	0.044[e] ps *11*	B E	
1887 *3*			E	
1977 *3*			E	
2005 *3*			E	
2025 *3*			E	
2064.1 *5*	(11⁺)		D G	
2067.1[@] *4*	(9⁻)		D G	
2097 *3*			E	
2135 *3*	(1⁺)		BC E	
2170 *3*			B E	XREF: B(2186).
2211 *3*	(1⁺)		B E	
2217 *3*			E	
2244 *3*	(1⁻,2,3⁺)		B E	XREF: B(2252).
2254.2[@] *4*	(10⁻)		D G	
2267 *3*	(1⁺)		B E	
2271 *3*			E	
2310 *3*			E	
2347.1 *5*	(13⁺)	4.5[#] ns *6*	BCD G	$T_{1/2}$: from (HI,xnγ). Other:≈3 ns in ^{93}Nb(α,3nγ).
2397			B	
2424.5[@] *5*	(11⁻)		CD G	
2504			B	
2719	(1⁺)		BC	Jπ: L(^{3}He,p)=0.
2.86×10^3 *3*			C	
2960	(3⁺)		BC	Jπ: L(^{3}He,p)=2+4.
3014.0 *6*			G	
3082	(3⁺)		BC	Jπ: L(^{3}He,p)=2+4.
3144	1⁺,2⁺,3⁺		B	Jπ: L(^{3}He,p)=2,2+4.
3187	1⁺,2⁺,3⁺		B	Jπ: L(^{3}He,p)=2,2+4.
3261			B	
3310			B	
3363			B	
3431			B	
3456.8[@] *6*	(13⁻)		D G	
3499			B	
3574			B	
3627	1⁺,2⁺,3⁺		B	Jπ: L(^{3}He,p)=2,2+4.
3677	1⁺,2⁺,3⁺		B	Jπ: L(^{3}He,p)=2,2+4.
3756			B	
3792	(3⁺)		B	Jπ: L(^{3}He,p)=2+4.
3840	(3⁺)		B	Jπ: L(^{3}He,p)=2+4.
3889			B	
3956	(3⁺)		B	Jπ: L(^{3}He,p)=2+4.
3970.0 *7*	(14⁺)		G	
4036			B	
4061.9[@] *7*	(15⁻)		D G	
4071	1⁺,2⁺,3⁺		B	Jπ: L(^{3}He,p)=2.
4132	(3⁺)		B	Jπ: L(^{3}He,p)=2+4.
4227	(3⁺)		B	Jπ: L(^{3}He,p)=2+4.
4272			B	
4293.2[c] *8*	(15⁺)		G	

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Adopted Levels, Gammas (continued)

^{94}Tc Levels (continued)

E(level)‡	Jπ f	XREF	E(level)‡	Jπ f	XREF	E(level)‡	Jπ f	XREF
4356		B	5639.4 *10*	(18⁻)	G	6974.2[a] *13*	(19⁻)	G
4427		B	5652.3[@] *10*	(18⁻)	G	7114.9[b] *13*	(17⁻)	G
4547.0 *8*	(16⁻)	G	5829.2[&] *10*	(18⁻)	G	7728.0[b] *13*	(18⁻)	G
4767.1[@] *8*	(16⁻)	G	6453.9[a] *12*	(16⁻)	G	7924.6[@] *11*	(20⁻)	G
5.07×10^3 *3*		C	6544.4[&] *10*	(19⁻)	G	8022.2[c] *11*	(17⁺)	G
5.24×10^3 *3*		C	6553.9[b] *12*	(16⁻)	G	8537.8[@] *12*	(21⁻)	G
5276.1[&] *9*	(17⁻)	G	6571.1[c] *10*	(16⁺)	G	8559.2[c] *11*	(18⁺)	G
5284.2[@] *9*	(17⁻)	G	6624.1[a] *13*	(18⁻)	G	9120.3 *12*	(19⁺)	G
5292.0 *8*	(16⁻)	G	6757.5[@] *10*	(19⁻)	G	9186.4[c] *12*	(19⁺)	G
5.38×10^3 *3*		C	6900.6[&] *11*	(20⁻)	G			

† From Doppler-shift attenuation in (p,nγ), if not noted otherwise.
‡ From least-squares fit to Eγ whenever possible, and assuming ΔEγ=1 keV if unknown.
# from (HI,xnγ).
@ Band(A): sequence based on (9⁻).
& Band(B): sequence based on (17⁻).
a Band(C): sequence based on (16⁻).
b Band(D): sequence based on (16⁻).
c Band(E): sequence based on (15⁺).
d From ^{93}Nb(α,3nγ).
e From ^{94}Mo(p,nγ).
f Unless noted otherwise, based on γ(θ).

Adopted Levels, Gammas (continued)

γ(^{94}Tc)

E_i(level)	J_i^π	E_γ	I_γ	E_f	J_f^π	Mult.[†]	δ[‡]	α[a]	$I_{(\gamma+ce)}$	Comments
76	(2)$^+$	76 *3*		0.0	7$^+$				100	
103.4	(6$^+$)	103.4[&] *4*	100[&]	0.0	7$^+$	(M1+E2)[@]	+0.09 *13*	0.27 *4*		α=0.27 *4*; α(K)=0.24 *3*; α(L)=0.029 *7*; α(M)=0.0053 *12*; α(N+..)=0.00102 *20*
212.4	(5$^+$)	109.0[&]	100[&]	103.4	(6$^+$)	(M1+E2)[@]	−0.02 *8*	0.223 *7*		α=0.223 *7*; α(K)=0.195 *6*; α(L)=0.0232 *12*; α(M)=0.00421 *22*; α(N+..)=0.00082 *4*
244	(4$^+$)	145.2 *2*	100	98	(3$^+$)	M1(+E2)[@]	−0.03 *2*	0.1005 *4*		α=0.1005 *4*; α(K)=0.0879 *3*; α(L)=0.01040 *6*; α(M)=0.00189; α(N+..)=0.00037
336	(2$^-$)	237.6 *2*	100.0 *20*	98	(3$^+$)	E1(+M2)[@]	+0.03 *4*	0.0112 *6*		α=0.0112 *6*; α(K)=0.0098 *5*; α(L)=0.00112 *6*; α(M)=0.00020
		260.1 *2*	1.63 *20*	76	(2)$^+$	(E1)[@]		0.0086		α=0.0086
443	1$^+$	366.9 *2*	100	76	(2)$^+$	M1(+E2)[@]	+0.17 *10*	0.0091 *2*		α(K)exp=0.0077 *8* α=0.0091 *2*
478	(3$^-$)	141.8 *2*	100 *6*	336	(2$^-$)	M1(+E2)[@]	+0.02 *4*	0.1071 *8*		α=0.1071 *8*; α(K)=0.0936 *7*; α(L)=0.01108 *13*; α(M)=0.00201; α(N+..)=0.00039
		234.2 *2*	33.3 *21*	244	(4$^+$)	(E1+M2)[@]	+0.04 *3*	0.0117 *5*		α=0.0117 *5*; α(K)=0.0103 *4*; α(L)=0.00117 *6*; α(M)=0.00021
		379.4 *2*	56 *4*	98	(3$^+$)	(E1+M2)[@]	−0.08 *4*	0.0033 *3*		α=0.0033 *3*
		401.9 *2*	18.8 *21*	76	(2)$^+$	(E1+M2)[@]	−0.02 *4*	0.0027 *1*		α=0.0027 *1*
801	(2$^-$)	358.1 *1*	42.9 *14*	443	1$^+$	(E1+M2)[@]	+0.12 *8*	0.0041 *9*		α=0.0041 *9*
		464.8 *1*	100 *3*	336	(2$^-$)	(M1+E2)[@]	−0.34 *5*	0.0052 *1*		α=0.0052 *1*
		702.4		98	(3$^+$)					
826	(2$^+$)	383.3 *1*	24.4 *22*	443	1$^+$	(M1+E2)[@]	+0.10 *5*	0.0081 *1*		α=0.0081 *1*
		727.7 *1*	98 *7*	98	(3$^+$)	(M1+E2)[@]	+0.15 *4*	0.0018		α=0.0018
		750.2 *1*	100 *11*	76	(2)$^+$	(M1+E2)		0.0017		α=0.0017
921	(3$^+$)	676.9 *1*	100 *4*	244	(4$^+$)	(M1+E2)[@]	+0.08 *3*	0.0021		α=0.0021
		822.4 *1*	92 *4*	98	(3$^+$)	(M1+E2)[@]	−0.06 *4*	0.0014		α=0.0014
929	(4$^+$)	685.4 *1*	75 *5*	244	(4$^+$)	(M1+E2)[@]	+0.01 *11*	0.0021		α=0.0021
		830.9 *1*	100 *7*	98	(3$^+$)	(M1+E2)[@]	+0.05 *3*	0.0013		α=0.0013
956	(3$^-$)	478.3	2.0 *10*	478	(3$^-$)					
		620.4	100	336	(2$^-$)	(M1+E2)[@]	+0.19 *2*	0.0026		α=0.0026
968	1$^+$	524.7 *1*	10.4 *6*	443	1$^+$	(M1+E2)[@]	+0.03 *22*	0.0039 *1*		α=0.0039 *1*
		891.7 *1*	100 *3*	76	(2)$^+$	(M1+E2)[@]	−0.16 *16*	0.0011		α=0.0011
1048	(3$^+$)	605.3 *1*	100 *3*	443	1$^+$	(M1+E2)[@]		0.0029 *2*		α=0.0029 *2*
		949.4 *5*	4.5 *15*	98	(3$^+$)					
		972.1 *1*	47.0 *15*	76	(2)$^+$	(M1+E2)[@]	−0.17 *4*	0.00094		α=0.00094; α(K)=0.00082
1181	(2$^-$,3$^-$)	703.4 *1*	100 *17*	478	(3$^-$)					
		845.4 *1*	64 *9*	336	(2$^-$)					

$^{94}_{43}Tc_{51}$-4

Adopted Levels, Gammas (continued)

γ(^{94}Tc) (continued)

E_i(level)	J_i^π	E_γ	I_γ	E_f	J_f^π	Mult.[†]	δ[‡]	α[a]	Comments
1181	(2⁻,3⁻)	1105.0 *2*	9 *5*	76	(2)⁺				
1267	(3⁺)	337.9 *3*	7 *5*	929	(4⁺)				
		440.7 *1*	51 *4*	826	(2⁺)	(M1+E2)[@]	+0.09 *1*	0.0058	α=0.0058
		1023.2 *1*	100 *5*	244	(4⁺)	(M1+E2)[@]	+0.14 *2*		α(K)=0.00073
		1168.4 *2*	11 *4*	103.4	(6⁺)	(M1+E2)[@]			
		1191.1 *3*	12.7 *18*	76	(2)⁺	(M1+E2)[@]	−0.02 *7*		α(K)=0.00053
1317	(4⁻)	361.0 *4*	18 *4*	956	(3⁻)				
		839.2 *1*	100 *5*	478	(3⁻)	(M1+E2)[@]	−0.05 *4*	0.0013	α=0.0013
		1218.6 *2*	61 *23*	103.4	(6⁺)	(E1)[@]			α(K)=0.00022
1355	(3⁻)	1018.6 *2*	100 *5*	336	(2⁻)	(M1+E2)[@]	+0.22 *2*		α(K)=0.00074
		1256.1 *1*	12 *3*	98	(3⁺)	(E1+M2)[@]	−0.03 *22*		α(K)=0.00021 *5*
		1278.8 *1*	23 *3*	76	(2)⁺	(E1+M2)[@]	+0.02 *5*		α(K)=0.00020
1368	(2⁺)	400.1 *2*	14.7 *15*	968	1⁺	(M1+E2)[@]	−0.01 *6*	0.0073	α=0.0073
		447.2 *2*	7.4 *15*	921	(3⁺)				
		541.5 *2*	18 *3*	826	(2⁺)	(M1+E2)[@]		0.0038 *3*	α=0.0038 *3*
		925.0 *2*	7.4 *15*	443	1⁺	(M1+E2)[@]		0.0010 *1*	α=0.0010 *1*
		1292.0 *2*	100 *6*	76	(2)⁺	(M1+E2)[@]	−0.04 *3*		α(K)=0.00045
1374.0	(9⁺)	1374.0[&] *4*	100[&]	0.0	7⁺	(Q)[#]			
1397	(3⁻)	596.4 *2*	4.9 *12*	801	(2⁻)	(M1+E2)[@]		0.0030 *2*	α=0.0030 *2*
		1061.2 *1*	100 *5*	336	(2⁻)	(M1+E2)[@]	+0.19 *2*		α(K)=0.00068
		1321.0 *2*	17.1 *12*	76	(2)⁺	(E1+M2)[@]	+0.03 *3*		α(K)=0.00019
1410	(3⁺)	480.6 *5*	5 *3*	929	(4⁺)				
		583.6 *2*	32.8 *17*	826	(2⁺)	(M1+E2)[@]	+0.06 *4*	0.0030	α=0.0030
		1311.5 *1*	100 *5*	98	(3⁺)	(M1+E2)[@]	+0.3 *9*		α(K)=0.00043
		1333.6 *2*	34.5 *17*	76	(2)⁺	(M1+E2)[@]	+0.16 *3*		α(K)=0.00042
1432	(1⁺)	464.6 *4*	5 *4*	968	1⁺				
		606.1 *3*	100 *13*	826	(2⁺)	(M1+E2)[@]		0.0028 *2*	α=0.0028 *2*
		989.1 *4*	28 *3*	443	1⁺	(M1+E2)[@]	−0.17 *18*	0.00091	α=0.00091; α(K)=0.00079
		1356.4[b] *3*		76	(2)⁺				
1447.8	(8⁺)	1344.4[&] *4*	44[&] *9*	103.4	(6⁺)				
		1447.8[&] *4*	100[&] *7*	0.0	7⁺	(D)[#]			
1543	(3⁺)	1299.1 *2*	100 *4*	244	(4⁺)	(M1+E2)[@]	+0.45 *6*		α(K)=0.00044
		1444.5 *1*	51 *4*	98	(3⁺)	(M1+E2)[@]	−0.12 *10*		α(K)=0.00036
		1467.1 *2*	45 *12*	76	(2)⁺	(M1+E2)[@]			
1663		695.3 *2*	32 *11*	968	1⁺				
		1220.0 *2*	100 *17*	443	1⁺				

$^{94}_{43}Tc_{51}$-5

Adopted Levels, Gammas (continued)

γ(^{94}Tc) (continued)

E_i(level)	J_i^π	E_γ	I_γ	E_f	J_f^π	Mult.[†]
1682	(2,3,4$^-$)	1204.0 *1*	100 *6*	478	(3$^-$)	
		1346.4 *5*	18 *4*	336	(2$^-$)	
		1583.3 *2*	3.7 *12*	98	(3$^+$)	
1781	(3$^+$)	1445.3 *2*	1.0×10^2 *3*	336	(2$^-$)	
		1705.5 *3*	56 *5*	76	(2)$^+$	
1860		427.5 *1*	100 *6*	1432	(1$^+$)	
		1416.8 *4*	41 *7*	443	1$^+$	
		1783.8[b]		76	(2)$^+$	
1868	(3$^+$)	911.8 *2*	44 *22*	956	(3$^-$)	
		1532.1 *1*	100 *6*	336	(2$^-$)	
		1769.4 *4*	58 *6*	98	(3$^+$)	
		1791.6 *6*	75 *6*	76	(2)$^+$	
1887		839.5[b]		1048	(3$^+$)	
		1444.1 *2*	100 *19*	443	1$^+$	
		1811.1 *4*	27 *3*	76	(2)$^+$	
1977		1498.8 *3*	30 *5*	478	(3$^-$)	
		1640.4 *2*	100 *8*	336	(2$^-$)	
2005		1527.0 *4*	30 *5*	478	(3$^-$)	
		1669.1 *2*	100 *6*	336	(2$^-$)	
2025		1223.7 *4*	100 *5*	801	(2$^-$)	
		1689.2 *2*	32 *4*	336	(2$^-$)	
2064.1	(11$^+$)	690.4[&] *4*	100[&]	1374.0	(9$^+$)	(Q)
2067.1	(9$^-$)	619.2[&] *4*	100[&] *10*	1447.8	(8$^+$)	(D)
		693.0[&] *4*	57[&] *5*	1374.0	(9$^+$)	
2097		1176.5 *2*	64 *8*	921	(3$^+$)	
		1999.1 *3*	100 *8*	98	(3$^+$)	
		2021.6 *4*	92 *8*	76	(2)$^+$	
2135	(1$^+$)	702.5 *2*	100 *18*	1432	(1$^+$)	
		1086.6 *3*	12 *3*	1048	(3$^+$)	
		1167.3[b]		968	1$^+$	
		1691.7 *3*	14.7 *15*	443	1$^+$	
		2036.4 *3*	13.2 *15*	98	(3$^+$)	
		2058.9 *5*	7.4 *15*	76	(2)$^+$	
2170		773.1 *4*	25 *11*	1397	(3$^-$)	
		988.6[b]		1181	(2$^-$,3$^-$)	
		1833.5 *4*	100 *10*	336	(2$^-$)	
2211	(1$^+$)	1243.5 *2*	100	968	1$^+$	
2217		1773.6 *3*	100	443	1$^+$	
2244	(1$^-$,2,3$^+$)	1287.9 *2*	100 *9*	956	(3$^-$)	
		1801.6 *6*	82 *13*	443	1$^+$	
		2168.8 *3*		76	(2)$^+$	

Adopted Levels, Gammas (continued)

γ(^{94}Tc) (continued)

E_i(level)	J_i^π	E_γ	I_γ	E_f	J_f^π	Mult.[†]
2254.2	(10$^-$)	187.0[&] *4*	100[&] *9*	2067.1	(9$^-$)	(D)
		880.0[&] *4*	41[&] *3*	1374.0	(9$^+$)	
2267	(1$^+$)	1299.7[b]		968	1$^+$	
		2168.8 *3*		98	(3$^+$)	
		2190.6 *6*	100	76	(2)$^+$	
2271		1303.3 *3*	100 *9*	968	1$^+$	
		1827.8 *3*	79 *9*	443	1$^+$	
2310		1342.0 *5*	100 *10*	968	1$^+$	
		1866.7[b]		443	1$^+$	
		2233.6 *5*	64 *15*	76	(2)$^+$	
2347.1	(13$^+$)	283.4[&] *4*	100[&]	2064.1	(11$^+$)	(Q)
2424.5	(11$^-$)	170.0[&] *4*	100[&]	2254.2	(10$^-$)	(D)
3014.0		667.0[&] *4*	100[&]	2347.1	(13$^+$)	
3456.8	(13$^-$)	443.0[&] *4*	10.0[&] *18*	3014.0		
		1032.0[&] *4*	100[&] *10*	2424.5	(11$^-$)	(Q)
		1110.0[&] *4*	13.0[&] *20*	2347.1	(13$^+$)	
3970.0	(14$^+$)	1622[&] *1*	100[&]	2347.1	(13$^+$)	
4061.9	(15$^-$)	91.8[&] *4*	16[&] *4*	3970.0	(14$^+$)	
		605.2[&] *4*	100[&] *10*	3456.8	(13$^-$)	(Q)
4293.2	(15$^+$)	231.3[&] *4*	100[&]	4061.9	(15$^-$)	
4547.0	(16$^-$)	485.1[&] *4*	100[&]	4061.9	(15$^-$)	
4767.1	(16$^-$)	705.2[&] *4*	100[&]	4061.9	(15$^-$)	
5276.1	(17$^-$)	509.0[&] *4*	100[&]	4767.1	(16$^-$)	
5284.2	(17$^-$)	517.1[&] *4*	100[&]	4767.1	(16$^-$)	
5292.0	(16$^-$)	1230.1[&] *4*	100[&]	4061.9	(15$^-$)	
5639.4	(18$^-$)	355.2[&] *4*	100[&]	5284.2	(17$^-$)	
5652.3	(18$^-$)	368.1[&] *4*	100[&]	5284.2	(17$^-$)	
5829.2	(18$^-$)	553.1[&] *4*	100[&]	5276.1	(17$^-$)	
6453.9	(16$^-$)	2392[&] *1*	100[&]	4061.9	(15$^-$)	
6544.4	(19$^-$)	715.2[&] *4*	100[&]	5829.2	(18$^-$)	
6553.9	(16$^-$)	2492[&] *1*	100[&]	4061.9	(15$^-$)	
6571.1	(16$^+$)	2278[&] *1*	100[&] *16*	4293.2	(15$^+$)	
		2509[&] *1*	66[&] *16*	4061.9	(15$^-$)	
6624.1	(18$^-$)	170.2[&] *4*	100[&]	6453.9	(16$^-$)	
6757.5	(19$^-$)	1105.2[&] *4*	100[&]	5652.3	(18$^-$)	
6900.6	(20$^-$)	356.2[&] *4*	100[&]	6544.4	(19$^-$)	
6974.2	(19$^-$)	350.1[&] *4*	100[&]	6624.1	(18$^-$)	
7114.9	(17$^-$)	561.0[&] *4*	100[&]	6553.9	(16$^-$)	
7728.0	(18$^-$)	613.1[&] *4*	100[&]	7114.9	(17$^-$)	
7924.6	(20$^-$)	1167.1[&] *4*	100[&]	6757.5	(19$^-$)	
8022.2	(17$^+$)	1451.1[&] *4*	100[&]	6571.1	(16$^+$)	
8537.8	(21$^-$)	613.2[&] *4*	100[&]	7924.6	(20$^-$)	
8559.2	(18$^+$)	537.0[&] *4*	100[&]	8022.2	(17$^+$)	
9120.3	(19$^+$)	561.1[&] *4*	100[&]	8559.2	(18$^+$)	
9186.4	(19$^+$)	627.2[&] *4*	100[&]	8559.2	(18$^+$)	

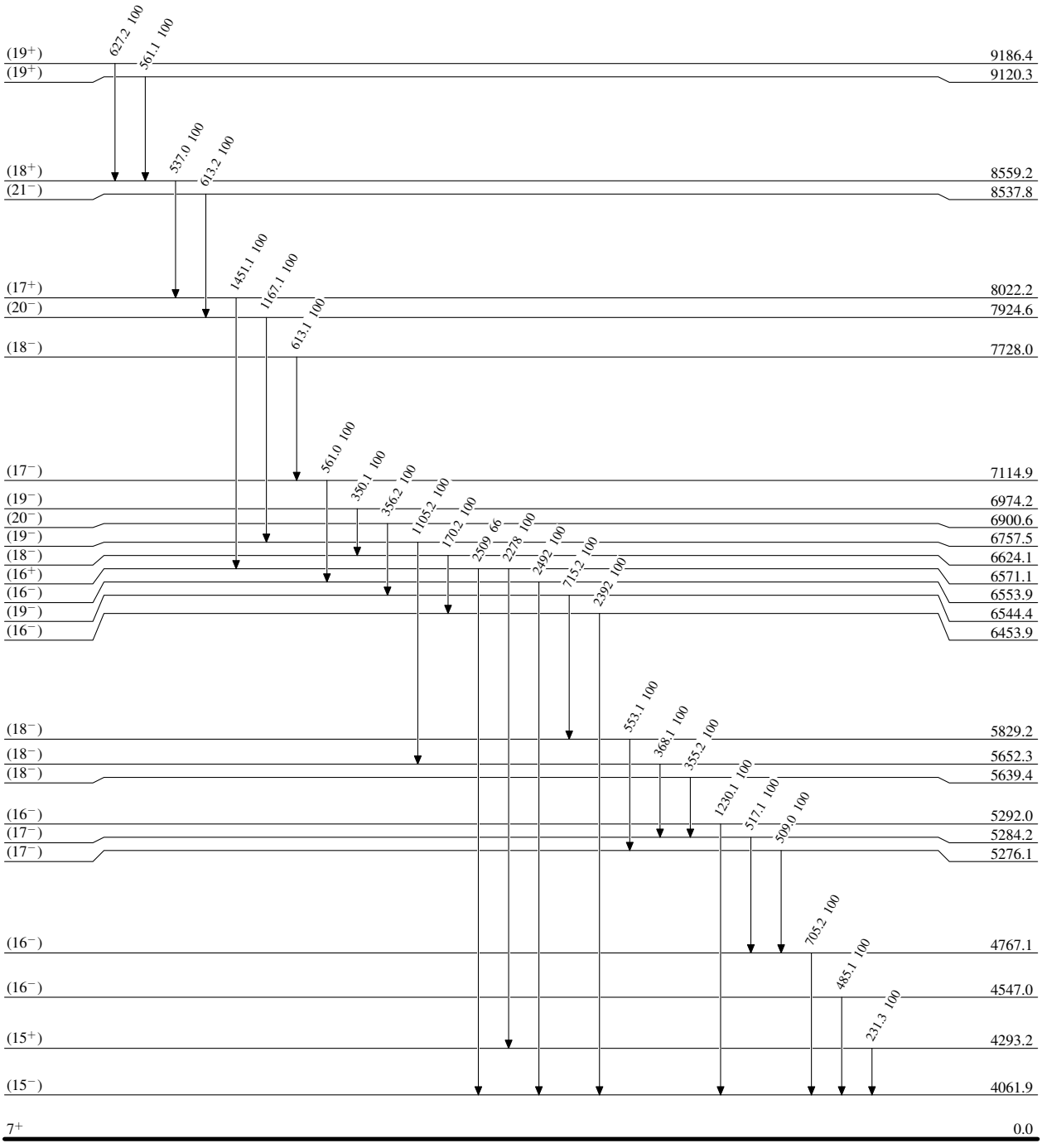
[†] If not noted otherwise, multipolarities are deduced from γ(θ) measured in (p,nγ) together with restrictions from J^π.
[‡] From (p,nγ).
[#] ^{93}Nb(α,3nγ).
[@] ^{94}Mo(p,nγ).
[&] From (HI,xnγ).
[a] Total theoretical internal conversion coefficients, calculated using the BrIcc code (2008Ki07) with Frozen orbital approximation based on γ-ray energies, assigned multipolarities, and mixing ratios, unless otherwise specified.
[b] Placement of transition in the level scheme is uncertain.

$^{94}_{43}Tc_{51}$-7

Adopted Levels, Gammas

Level Scheme

Intensities: Relative photon branching from each level



$^{94}_{43}Tc_{51}$

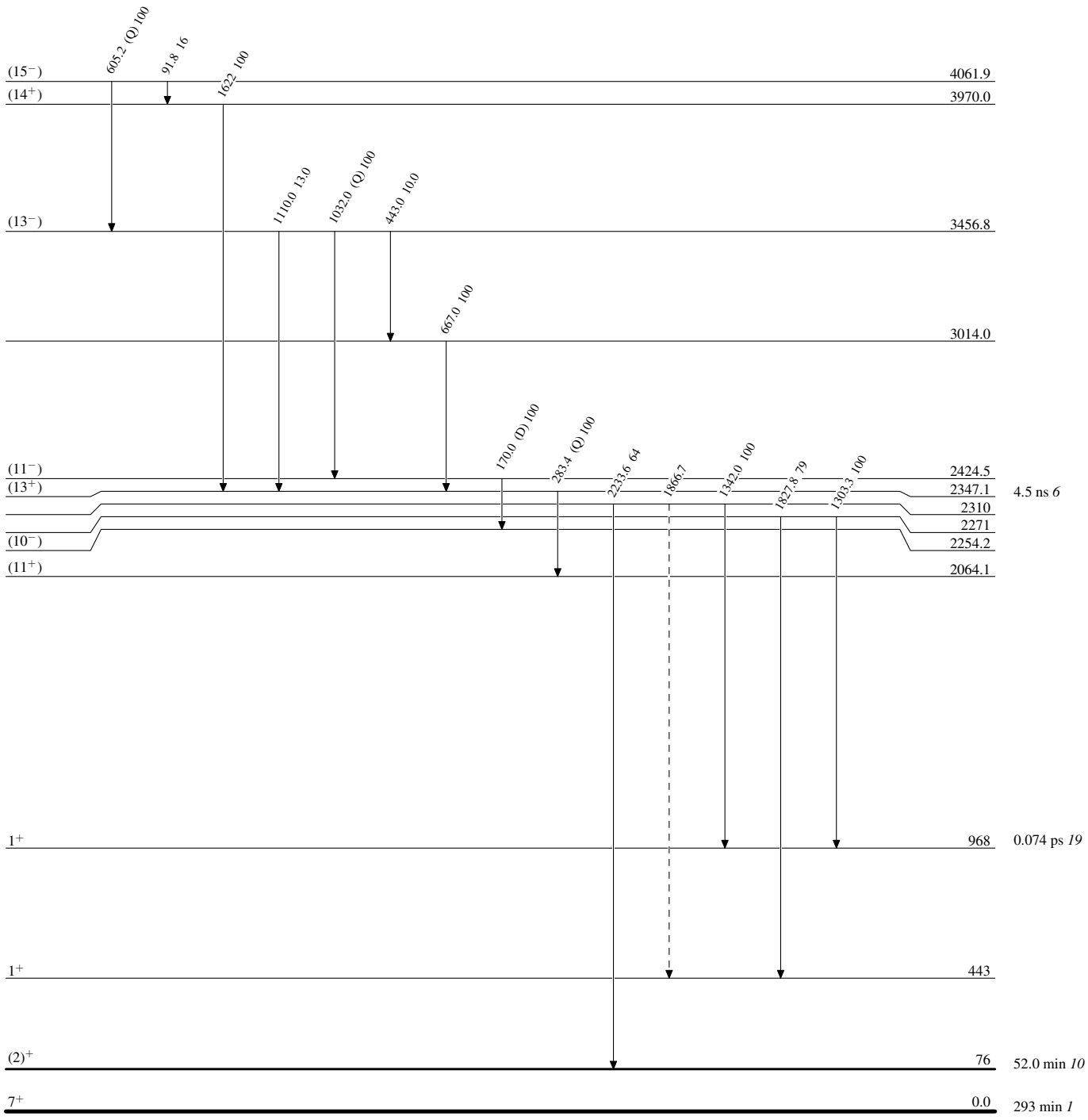
Adopted Levels, Gammas

Legend

Level Scheme (continued)

Intensities: Relative photon branching from each level

γ Decay (Uncertain)



$^{94}_{43}Tc_{51}$

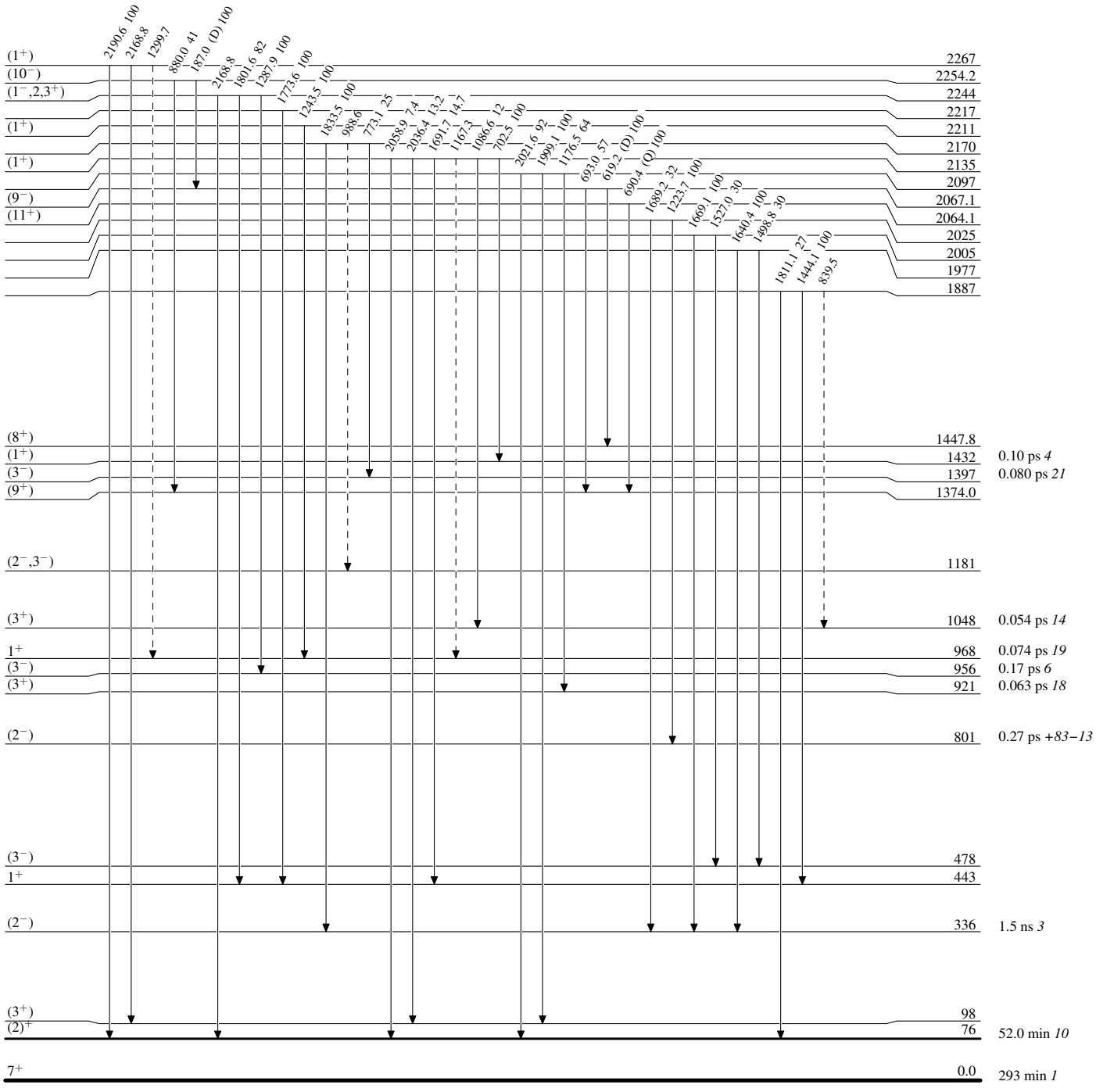
Adopted Levels, Gammas

Legend

Level Scheme (continued)

Intensities: Relative photon branching from each level

γ Decay (Uncertain)



$^{94}_{43}Tc_{51}$

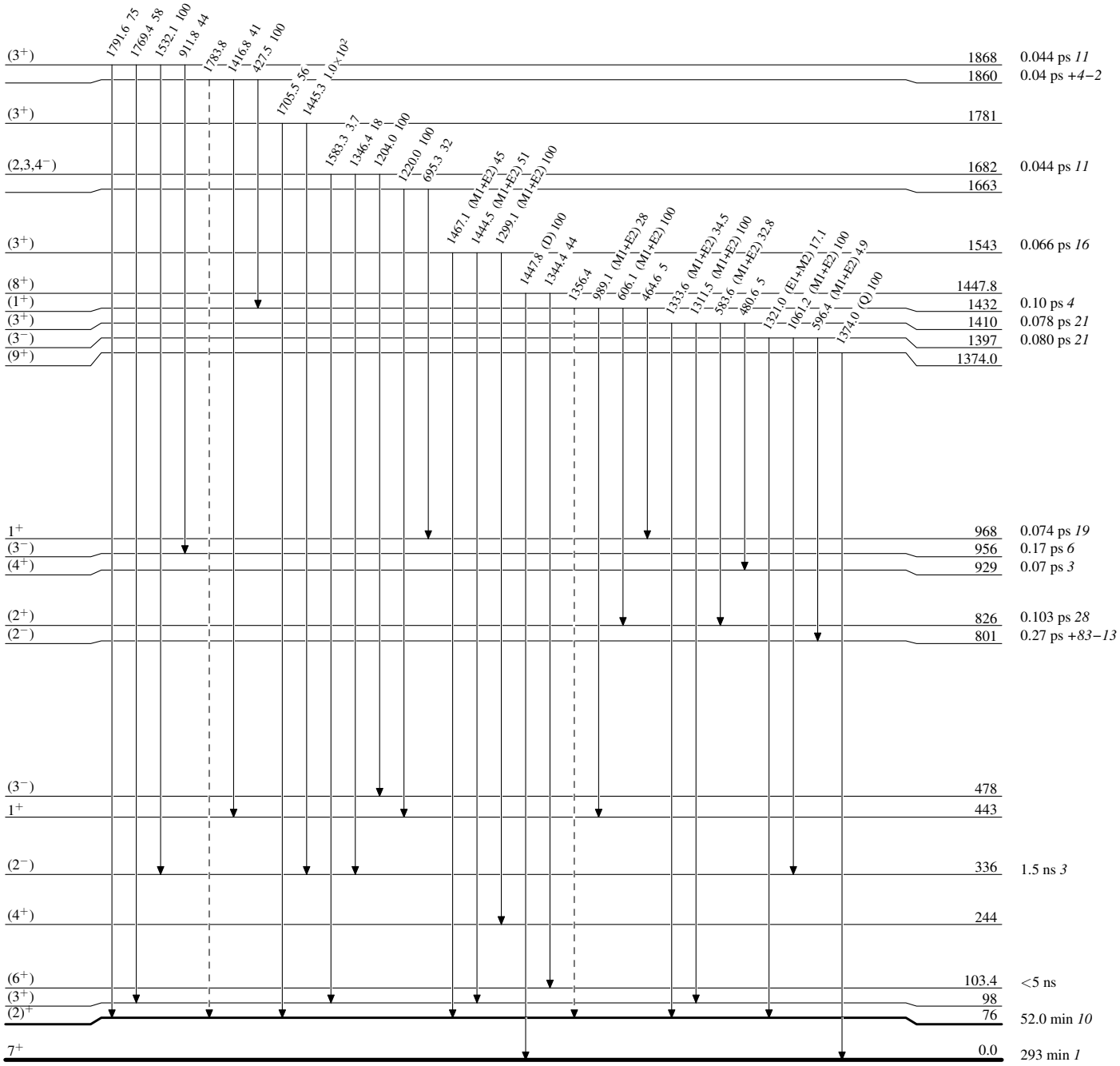
Adopted Levels, Gammas

Legend

Level Scheme (continued)

Intensities: Relative photon branching from each level

γ Decay (Uncertain)

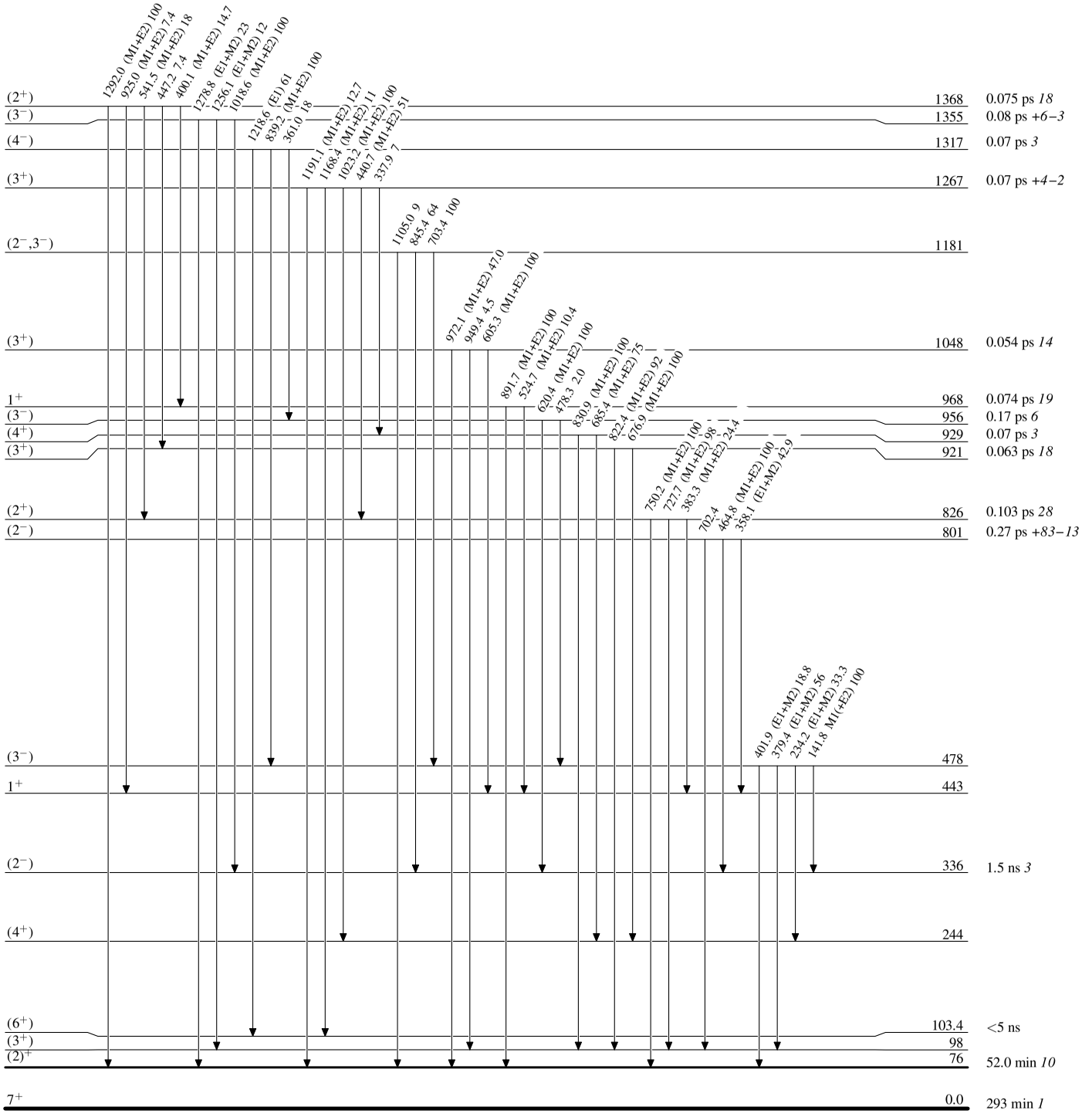


$^{94}_{43}Tc_{51}$

Adopted Levels, Gammas

Level Scheme (continued)

Intensities: Relative photon branching from each level

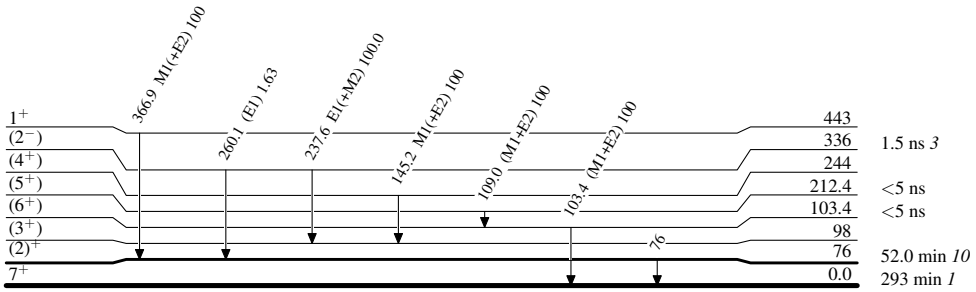


$^{94}_{43}Tc_{51}$

Adopted Levels, Gammas

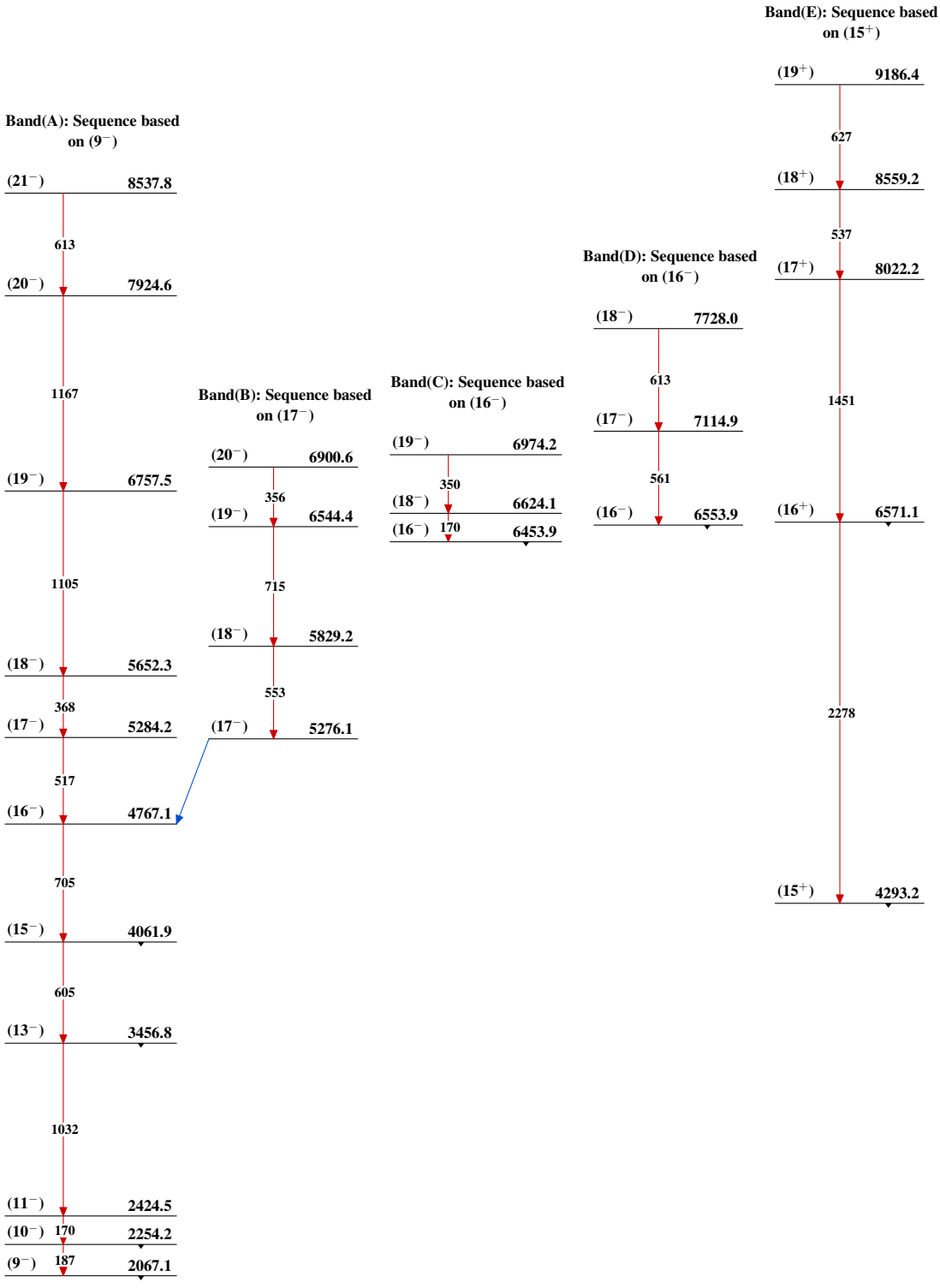
Level Scheme (continued)

Intensities: Relative photon branching from each level



$^{94}_{43}Tc_{51}$

Adopted Levels, Gammas



$^{94}_{43}Tc_{51}$