Adopted Levels, Gammas

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 114, 1293 (2013)	1-Sep-2013

Q(β^-)=2699 *5*; S(n)=5775 *6*; S(p)=11577 *9*; Q(α)=−5368 *6* 2012Wa38
Q(βn)=−5229 *6* (2012Wa38).

Theory (partial list):
Nuclear structure: 1978Ba70, 1973Wa36 (shell-model calculations).

For recent isotope shift data see 1990Bu12.
Other reactions:
^{90}Sr(n,γ) E=thermal (2001Na43): measured capture σ (=10.1 mb *13*) and resonance integral (=104 mb *16*) using an activation method.

^{91}Sr Levels

Cross Reference (XREF) Flags

- A ^{91}Rb β^- decay
- B ^{173}Yb(^{24}Mg,Fxnγ)
- C ^{159}Tb(^{36}S,Fγ)

E(level)†	Jπ‡	$T_{1/2}$	XREF	Comments
0#	5/2$^+$	9.65 h *6*	ABC	%β^-=100 μ=−0.885 *2*; Q=+0.045 *11* $\Delta<r^2>(^{91}Sr-^{88}Sr)$=0.374, uncertainty 0.003 (statistical), 0.016 (systematic) (1990Bu12). $<r^2>^{1/2}$(charge)=4.275 fm *4* (2004An14). Jπ: 5/2 from laser spectroscopy (1987Bu11). β^- decay to 1/2$^-$ ^{91}Y g.s. (log $f^{1u}t$=9.34) has first-forbidden unique shape (1953Am08). Probable configuration=(ν $d_{5/2}$) (1990Bu12). $T_{1/2}$: unweighted average of 9.67 h *2* (1953Am08), 9.7 h *1* (1954He78), 9.48 h *1* (1969Kn01), 9.75 h *7* (1972Eh02). Others: 9.53 h (1972Ch13); 9.7 h *11* and 9.2 h *13* (2001Na43; from 1024γ(t) without and with Cd capsule, respectively). μ: from collinear fast-beam laser spectroscopy (2011StZZ, from 0.885 *2* (1990Bu12); supersedes −0.8868 *6* from 1989Ra17); uncertainty includes estimate for hfs anomaly). Q: from 2011StZZ (revision by 2002Ma09 of earlier datum,+0.44 *4*, using recalculated hfs constants). other Q: +0.047 *12* (2011StZZ, from 1990Bu12; supersedes +0.44 *4* with Sternheimer correction (1989Ra17)). From collinear fast-beam laser spectroscopy.
93.628 *4*	(3/2)$^+$	89.4 ns *16*	A	μ=−0.347 *17* (1993Wo07) Jπ: E2(+M1) transition to 5/2$^+$ g.s.; shell-model calculations predict a low-energy 3/2$^+$ level (1973Wa36,1970Ma53). $T_{1/2}$: from β^- decay. μ: From g=−0.231 *11* (time-differential PAC, 1993Wo07); Knight shift and diamagnetic correction not included but expected to be <2%. Other g: 1994Ka40 (tentative value of 0.080 *2* which implies μ=0.120 *3*, inconsistent with 1993Wo07). Datum rounded to −0.35 *2* In 2011StZZ.
439.159 *19*	(+)		A	Jπ: (M1,E2) γ to (3/2)$^+$. possibly the 1/2$^+$ state predicted At≈750 keV by 1978Ba70.
993.5# *10*	(9/2$^+$)		BC	Jπ: excitation energy is close to shell-model prediction for a 9/2$^+$ level (1978Ba70).
1042.034 *25*	(+)		A	Jπ: (M1,E2) γ to (3/2)$^+$ 94.

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Adopted Levels, Gammas (continued)

^{91}Sr Levels (continued)

E(level)[†]	Jπ[‡]	XREF	Comments
1230.84 *5*	(+)	A	Jπ: (M1,E2) γ to (3/2)+ 94.
1367.76 *7*		A	
1482.12 *10*		A	
1740.27 *8*		A	
1917.09 *12*		A	
1942.91 *8*	(1/2+,3/2,5/2)	A	Jπ: log *ft*=6.9, log $f^{1u}t$=8.5 from 3/2(−). 1943γ to 5/2+ g.s.
2064.66 *6*	1/2(+),3/2,5/2	A	Jπ: log *ft*=6.65, log $f^{1u}t$=8.2 from 3/2(−). γ to 5/2+.
2077.5 *15*	(11/2−)	BC	Jπ: proposed In (^{36}S,Fγ); (13/2+) suggested In (^{24}Mg,Fxnγ), but D 1084γ feeds (9/2+) 994. possible one-phonon octupole vibrational state, (ν $d_{5/2}$)⊗3− (2013Hw01).
2159.08 *22*		A	
2236.95 *12*		A	
2657.89 *6*	1/2(−) to 5/2(−)	A	Jπ: log *ft*=5.85, log $f^{1u}t$=7.3 from 3/2(−). γ to 5/2+.
3116.3[@] *17*	(15/2−)	BC	Jπ: Q 1038γ to (11/2−) 2077.
3304.4 *17*	(15/2−)	BC	Jπ: 1226γ to (11/2−) 2078; (15/2−) proposed by 2013Hw01 by analogy with ^{89}Sr(3672 level). possible structure: ν $d_{5/2}$ ⊗ 5− (2013Hw01).
3364.68 *11*	1/2,3/2,5/2	A	Jπ: log *ft*=6.1, log $f^{1u}t$=7.4 from 3/2(−). γ to 5/2+.
3395.5? *4*	(1/2+,3/2,5/2)	A	Jπ: log *ft*=6.9, log $f^{1u}t$=8.2 for uncertain branch from 3/2(−); 3395γ to 5/2+ g.s.
3446.58 *18*	1/2(+),3/2,5/2	A	Jπ: log *ft*=6.25, log $f^{1u}t$=7.5 from 3/2(−). 3447γ to 5/2+ g.s.
3576.0[@] *17*	(17/2−)	BC	
3643.81? *21*	(1/2+,3/2,5/2)	A	Jπ: log *ft*=6.5, log $f^{1u}t$=7.6 for uncertain branch from 3/2(−); 3644γ to 5/2+ g.s.
3693.23 *12*	1/2(−) to 5/2(−)	A	Jπ: log *ft*=5.3 from 3/2(−).
3736.80 *14*	1/2(+),3/2,5/2	A	Jπ: log *ft*=6.0, log $f^{1u}t$=7.1 from 3/2(−); 3737γ to 5/2+ g.s.
3776.62 *17*	1/2,3/2,5/2	A	Jπ: log *ft*=6.3, log $f^{1u}t$<8.5 from 3/2(−).
3831.08? *14*	(1/2,3/2,5/2)	A	Jπ: log *ft*=6.4, log $f^{1u}t$<8.5 for uncertain branch from 3/2(−).
3839.4? *3*	(1/2+,3/2,5/2)	A	Jπ: log *ft*=6.3, log $f^{1u}t$<8.5 for uncertain branch from 3/2(−). γ to 5/2+.
3938.42? *20*	(1/2+,3/2,5/2)	A	Jπ: log *ft*=6.0, log $f^{1u}t$<8.5 for uncertain branch from 3/2(−). γ to 5/2+.
3946.3[@] *18*	(19/2−)	BC	Jπ: D 370γ to (17/2−) 3576; 830γ to (15/2−) 3116.
4043.33 *16*	3/2(−),5/2(−)	A	Jπ: log *ft*=5.8 from 3/2(−); 4043γ to 5/2+ g.s.
4078.30 *10*	3/2(−),5/2(−)	A	Jπ: log *ft*=5.2 for β− decay from 3/2(−); 4078γ to 5/2+ g.s.
4157.55 *19*	3/2(−),5/2(−)	A	Jπ: log *ft*=5.8 from 3/2(−). 4157γ to 5/2+ g.s.
4189.39 *16*	3/2(−),5/2(−)	A	Jπ: log *ft*=5.8 from 3/2(−); 4189γ to 5/2+ g.s.
4240.1? *4*	(1/2,3/2,5/2)	A	Jπ: log *ft*=6.3, log $f^{1u}t$<8.5 for uncertain branch from 3/2(−).
4249.1? *3*	(1/2+,3/2,5/2)	A	Jπ: log *ft*=6.3, log $f^{1u}t$<8.5 for uncertain branch from 3/2(−). γ to 5/2+.
4253.8? *3*	(1/2+,3/2,5/2)	A	Jπ: log *ft*=6.25, log $f^{1u}t$<8.5 for uncertain branch from 3/2(−). γ to 5/2+.
4265.50 *16*	3/2(−),5/2(−)	A	Jπ: log *ft*=5.5 from 3/2(−); 4265γ to 5/2+ g.s.
4278.1 *21*	(21/2+)	BC	Jπ: D ΔJ=1 332γ to (19/2−) 3946; π=+ suggested by 2013Hw01, by analogy with ^{89}Sr. possible structure: (15/2−)⊗3− (2013Hw01).
4327.73 *19*	1/2(−) to 5/2(−)	A	Jπ: log *ft*=5.8 from 3/2(−).
4358.37 *16*	(3/2−,5/2−)	A	Jπ: log *ft*=5.9 from 3/2(−); 4358γ to 5/2+ g.s.
4391.0? *4*	(1/2+,3/2,5/2)	A	Jπ: log *ft*=6.2, log $f^{1u}t$<8.5 for uncertain branch from 3/2(−). γ to 5/2+.
4453.0? *3*	(1/2+,3/2,5/2)	A	Jπ: log *ft*=6.1, log $f^{1u}t$<8.5 for uncertain branch from 3/2(−). γ to 5/2+.
4461		C	
4625.8 *19*		BC	
4680?		C	
4689		C	
4793.1 *3*	(3/2−,5/2−)	A	Jπ: log *ft*=5.9 for uncertain branch from 3/2(−); possible γ to 5/2+.
4830.6 *19*		BC	
5003.3 *20*		BC	
5249		C	
5365?		C	
5742		C	

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Adopted Levels, Gammas (continued)

^{91}Sr Levels (continued)

† From least-squares fit to Eγ, omitting the 1024γ and including tentatively-placed gammas only when there is no definitely-placed γ deexciting the same level. an uncertainty of 1 keV was assigned to Eγ data for which the authors did not state an uncertainty.

‡ Values given without comment are from ^{173}Yb(^{24}Mg,Fxnγ). Supported by deduced band structure and multipolarities from DCO ratios.

Band(A): $\nu(1d^3_{5/2})$ states (2002St06).

@ Band(B): π=− intruder states (2013Hw01). Configurations: $\pi(2p^{-1}_{3/2}1g_{9/2})\nu(2d_{5/2})$ and $\pi(1f^{-1}_{5/2}1g^{1}_{9/2})\nu(2d_{5/2})$ (2013Hw01).

Adopted Levels, Gammas (continued)

γ(^{91}Sr)

E_i(level)	J_i^π	E_γ[†]	I_γ[†]	E_f	J_f^π	Mult.[‡]	δ[‡]	α[f]	Comments
93.628	(3/2)$^+$	93.628 *4*	100	0	5/2$^+$	E2(+M1)	>3.3	1.25 *5*	B(M1)(W.u.)<1.2×10^{-5}; B(E2)(W.u.)>14
439.159	(+)	345.52 *3*	100 *5*	93.628	(3/2)$^+$	(M1,E2)		0.009 *3*	
		439.15 *3*	25.2 *12*	0	5/2$^+$				
993.5	(9/2$^+$)	993.2[@] *1*	100	0	5/2$^+$				
1042.034	(+)	602.85 *3*	100 *5*	439.159	(+)	(M1,E2)			
		948.49 *5*	41.3 *23*	93.628	(3/2)$^+$	(M1,E2)			
		1041.99 *5*	77 *4*	0	5/2$^+$	(M1,E2)			
1230.84	(+)	1137.24 *5*	100 *5*	93.628	(3/2)$^+$	(M1,E2)			
		1230.64 *15*	7.6 *7*	0	5/2$^+$				
1367.76		1274.05 *18*	33 *4*	93.628	(3/2)$^+$				
		1367.76 *8*	100 *7*	0	5/2$^+$				
1482.12		1388.13 *24*	15.1 *21*	93.628	(3/2)$^+$				
		1482.17 *11*	100 *7*	0	5/2$^+$				
1740.27		509.6 *5*	12.1 *19*	1230.84	(+)				
		1646.51 *23*	18.3 *24*	93.628	(3/2)$^+$				
		1740.25 *10*	100 *7*	0	5/2$^+$				
1917.09		875.0 *3*	14.2 *22*	1042.034	(+)				
		1823.3 *4*	47 *8*	93.628	(3/2)$^+$				
		1917.11 *15*	100 *8*	0	5/2$^+$				
1942.91	(1/2$^+$,3/2,5/2)	1849.27 *9*	100 *5*	93.628	(3/2)$^+$				
		1942.81 *17*	12.0 *12*	0	5/2$^+$				
2064.66	1/2$^{(+)}$,3/2,5/2	1023.20 *12*	6.6 *6*	1042.034	(+)				
		1625.4 *3*	10.7 *7*	439.159	(+)				
		1970.99 *10*	100 *5*	93.628	(3/2)$^+$				
		2064.69 *14*	11.7 *9*	0	5/2$^+$				
2077.5	(11/2$^-$)	1083.6[#] *1*	100[#]	993.5	(9/2$^+$)	D[&]			
2159.08		1719.9 *3*	100	439.159	(+)				
2236.95		1006.3 *4*	14 *4*	1230.84	(+)				
		2143.22 *14*	100 *8*	93.628	(3/2)$^+$				
		2236.9 *5*	21 *5*	0	5/2$^+$				
2657.89	1/2$^{(-)}$ to 5/2$^{(-)}$	593.23 *3*	10.3 *5*	2064.66	1/2$^{(+)}$,3/2,5/2				
		917.59 *22*	1.48 *24*	1740.27					
		1615.86 *9*	19.6 *11*	1042.034	(+)				
		2218.2 *3*	2.2 *4*	439.159	(+)				
		2564.19 *14*	100 *5*	93.628	(3/2)$^+$				
3116.3	(15/2$^-$)	1038.3[#] *1*	100[#]	2077.5	(11/2$^-$)	Q[&]			
3304.4	(15/2$^-$)	1225.7[#] *5*	100[#]	2077.5	(11/2$^-$)				
3364.68	1/2,3/2,5/2	1205.6 *3*	7.6 *16*	2159.08					
		1299.9 *3*	10.7 *16*	2064.66	1/2$^{(+)}$,3/2,5/2				
		1624.8 *5*	32.7 *22*	1740.27					
		2322.34 *21*	30 *3*	1042.034	(+)				

From ENSDF

$^{91}_{38}Sr_{53}$-4

Adopted Levels, Gammas (continued)

γ(^{91}Sr) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[†]	E_f	J_f^π	Mult.[‡]
3364.68	1/2,3/2,5/2	2925.72 *18*	100 *7*	439.159	$(^+)$	
		3270.9 *3*	29 *4*	93.628	$(3/2)^+$	
3395.5?	$(1/2^+,3/2,5/2)$	3302.2[g] *10*	43 *17*	93.628	$(3/2)^+$	
		3395.4[g] *4*	100 *18*	0	$5/2^+$	
3446.58	$1/2^{(+)},3/2,5/2$	1503.0 *7*	6.1 *23*	1942.91	$(1/2^+,3/2,5/2)$	
		3007.6 *5*	18 *3*	439.159	$(^+)$	
		3353.1 *6*	14 *5*	93.628	$(3/2)^+$	
		3446.50 *20*	100 *7*	0	$5/2^+$	
3576.0	$(17/2^-)$	271.4[#] *5*	21[#b] *3*	3304.4	$(15/2^-)$	
		459.5[#] *1*	100[#] *7*	3116.3	$(15/2^-)$	
3643.81?	$(1/2^+,3/2,5/2)$	2161.8[g] *6*	15 *5*	1482.12		
		3643.75[g] *23*	100 *10*	0	$5/2^+$	
3693.23	$1/2^{(-)}$ to $5/2^{(-)}$	1034.9 *6*	1.3 *5*	2657.89	$1/2^{(-)}$ to $5/2^{(-)}$	
		1628.49 *14*	8.7 *6*	2064.66	$1/2^{(+)},3/2,5/2$	
		1953.0 *5*	0.7 *3*	1740.27		
		3599.67 *19*	100 *5*	93.628	$(3/2)^+$	
3736.80	$1/2^{(+)},3/2,5/2$	2254.6 *4*	8.8 *21*	1482.12		
		2505.95 *14*	100 *6*	1230.84	$(^+)$	
		3736.5 *4*	40 *10*	0	$5/2^+$	
3776.62	1/2,3/2,5/2	1712.0 *4*	56 *11*	2064.66	$1/2^{(+)},3/2,5/2$	
		1859.56 *25*	41 *8*	1917.09		
		2036.1 *3*	100 *14*	1740.27		
		3337.8 *5*	60 *16*	439.159	$(^+)$	
		3682.9 *7*	22 *12*	93.628	$(3/2)^+$	
3831.08?	(1/2,3/2,5/2)	1174.1[g] *5*	24 *7*	2657.89	$1/2^{(-)}$ to $5/2^{(-)}$	
		1594.15[g] *17*	100 *9*	2236.95		
		1766.17[g] *18*	40 *10*	2064.66	$1/2^{(+)},3/2,5/2$	
3839.4?	$(1/2^+,3/2,5/2)$	3745.9[g] *5*	33 *8*	93.628	$(3/2)^+$	
		3839.3[g] *3*	100 *10*	0	$5/2^+$	
3938.42?	$(1/2^+,3/2,5/2)$	1874.4[g] *4*	11 *5*	2064.66	$1/2^{(+)},3/2,5/2$	
		3844.33[g] *25*	100 *8*	93.628	$(3/2)^+$	
		3938.7[g] *5*	18 *4*	0	$5/2^+$	
3946.3	$(19/2^-)$	370.2[#] *3*	100[#] *6*	3576.0	$(17/2^-)$	D[&]
		829.7[#] *3*	94[#a] *11*	3116.3	$(15/2^-)$	
4043.33	$3/2^{(-)},5/2^{(-)}$	3604.3 *6*	50 *23*	439.159	$(^+)$	
		3949.56 *23*	87 *7*	93.628	$(3/2)^+$	
		4043.26 *22*	100 *7*	0	$5/2^+$	
4078.30	$3/2^{(-)},5/2^{(-)}$	1841.1 *3*	3.1 *11*	2236.95		
		2013.5 *3*	6.5 *10*	2064.66	$1/2^{(+)},3/2,5/2$	
		2847.39 *22*	16.0 *17*	1230.84	$(^+)$	
		3639.14 *22*	29.8 *25*	439.159	$(^+)$	

From ENSDF

$^{91}_{38}Sr_{53}$-5

Adopted Levels, Gammas (continued)

γ(^{91}Sr) (continued)

E_i(level)	J_i^π	E_γ[†]	I_γ[†]	E_f	J_f^π	Mult.[‡]	Comments
4078.30	$3/2^{(-)},5/2^{(-)}$	3984.7 *3*	10.2 *11*	93.628	$(3/2)^+$		
		4078.25 *19*	100 *5*	0	$5/2^+$		
4157.55	$3/2^{(-)},5/2^{(-)}$	2789.6 *4*	70 *7*	1367.76			
		4063.9 *7*	6 *4*	93.628	$(3/2)^+$		
		4157.48 *22*	100 *7*	0	$5/2^+$		
4189.39	$3/2^{(-)},5/2^{(-)}$	2958.6 *6*	20 *6*	1230.84	$(^+)$		
		3147.30 *24*	100 *10*	1042.034	$(^+)$		
		4095.7 *3*	37 *5*	93.628	$(3/2)^+$		
		4189.2 *3*	36 *4*	0	$5/2^+$		
4240.1?	(1/2,3/2,5/2)	2872.5[g] *6*	100 *30*	1367.76			
		3800.7[g] *5*	80 *18*	439.159	$(^+)$		
4249.1?	$(1/2^+,3/2,5/2)$	4249.0[g] *3*	100	0	$5/2^+$		
4253.8?	$(1/2^+,3/2,5/2)$	4253.7[g] *3*	100	0	$5/2^+$		
4265.50	$3/2^{(-)},5/2^{(-)}$	2783.3 *4*	23 *4*	1482.12			
		2897.6 *5*	14 *3*	1367.76			
		4171.7 *3*	19.5 *21*	93.628	$(3/2)^+$		
		4265.45 *21*	100 *6*	0	$5/2^+$		
4278.1	$(21/2^+)$	331.8[#] *3*	100[#]	3946.3	$(19/2^-)$	D[&]	Mult.: D ΔJ=1 from (^{36}S,Fγ); possibly E1, analogous to ^{89}Sr (2013Hw01). however, 2002St06 suggested M1 instead.
4327.73	$1/2^{(-)}$ to $5/2^{(-)}$	2263.1 *3*	54 *11*	2064.66	$1/2^{(+)},3/2,5/2$		
		3284.7 *8*	57 *17*	1042.034	$(^+)$		
		3888.4 *4*	100 *13*	439.159	$(^+)$		
		4234.1 *3*	77 *8*	93.628	$(3/2)^+$		
4358.37	$(3/2^-,5/2^-)$	912.8[@g] *4*	24 *8*	3446.58	$1/2^{(+)},3/2,5/2$		
		993.69 *13*	100 *9*	3364.68	1/2,3/2,5/2		
		2990.6 *5*	67 *17*	1367.76			
		4357.9 *7*	18 *6*	0	$5/2^+$		
4391.0?	$(1/2^+,3/2,5/2)$	2448.5[g] *7*	100 *32*	1942.91	$(1/2^+,3/2,5/2)$		
		4297.1[g] *4*	77 *11*	93.628	$(3/2)^+$		
		4391.3[g] *9*	36 *11*	0	$5/2^+$		
4453.0?	$(1/2^+,3/2,5/2)$	1794.5[g] *6*	86 *26*	2657.89	$1/2^{(-)}$ to $5/2^{(-)}$		
		3410.7[g] *8*	56 *37*	1042.034	$(^+)$		
		4453.1[g] *4*	100 *12*	0	$5/2^+$		
4461		1346.4[#] *3*	100[#]	3116.3	$(15/2^-)$		
4625.8		1509.1[#] *5*	100[#]	3116.3	$(15/2^-)$		
4680?		1564.4[#] *5*	100[#]	3116.3	$(15/2^-)$		
4689		1574.2[#] *5*	100[#]	3116.3	$(15/2^-)$		
4793.1	$(3/2^-,5/2^-)$	749.73[g] *25*	100 *18*	4043.33	$3/2^{(-)},5/2^{(-)}$		
		1149.7[g] *7*	61 *24*	3643.81?	$(1/2^+,3/2,5/2)$		
		4699.3[g] *7*	15 *9*	93.628	$(3/2)^+$		
4830.6		1713.0[#c] *5*	100[#]	3116.3	$(15/2^-)$		

From ENSDF

$^{91}_{38}Sr_{53}$-6

Adopted Levels, Gammas (continued)

$\gamma(^{91}Sr)$ (continued)

E_i(level)	E_γ †	I_γ †	E_f	Mult. ‡
5003.3	174.3*d* *5*	*d*	4830.6	
	313.1# *5*	26# *4*	4689	
	377.5# *5*	100# *29*	4625.8	D&
5249	246.4# *3*	100#	5003.3	
5365?	685.7#*eg* *5*	100#	4680?	
5742	493.1# *5*	100#	5249	D&

† From β^- decay, except As noted.
‡ From α(K)exp in ^{91}Rb β^- decay.
# From ^{159}Tb(^{36}S,Fγ).
@ Transition tentatively placed by the evaluator.
& From ^{159}Tb(^{36}S,Fγ).
a Other Iγ: 75 *14* from (^{24}Mg,Fxnγ).
b Other Iγ: 41 *8* from ^{173}Yb(^{24}Mg,Fxnγ).
c Other Eγ: 1714.4 from (^{24}Mg,Fxnγ).
d Eγ: from ^{159}Tb(^{36}S,Fγ). other Eγ (Iγ): 172.9 (<206) from (^{24}Mg,Fxnγ).
e For contaminated line.
f 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.
g Placement of transition in the level scheme is uncertain.

From ENSDF

$^{91}_{38}Sr_{53}$-7

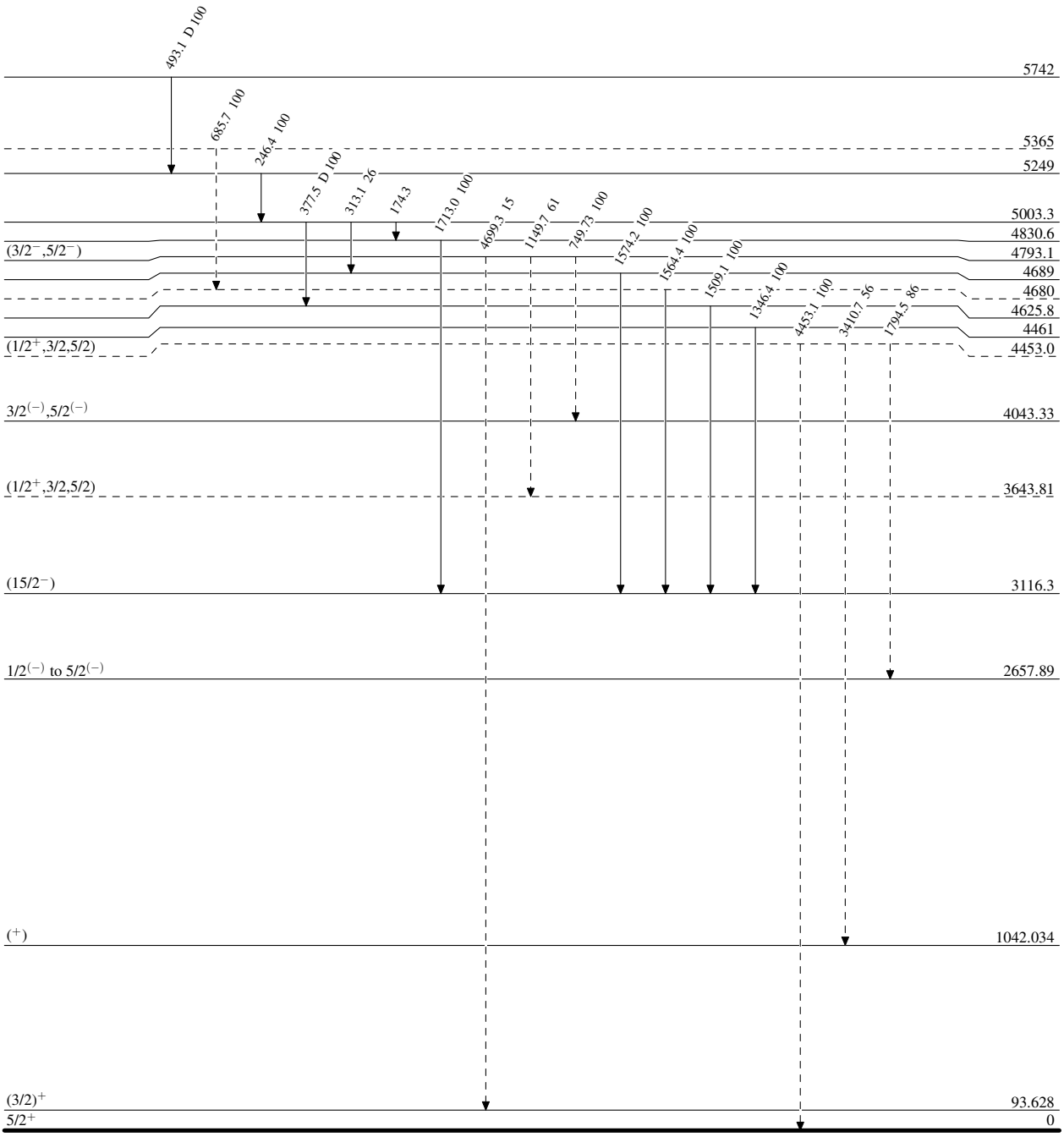
Adopted Levels, Gammas

Legend

Level Scheme

Intensities: Relative photon branching from each level

γ Decay (Uncertain)



$^{91}_{38}Sr_{53}$

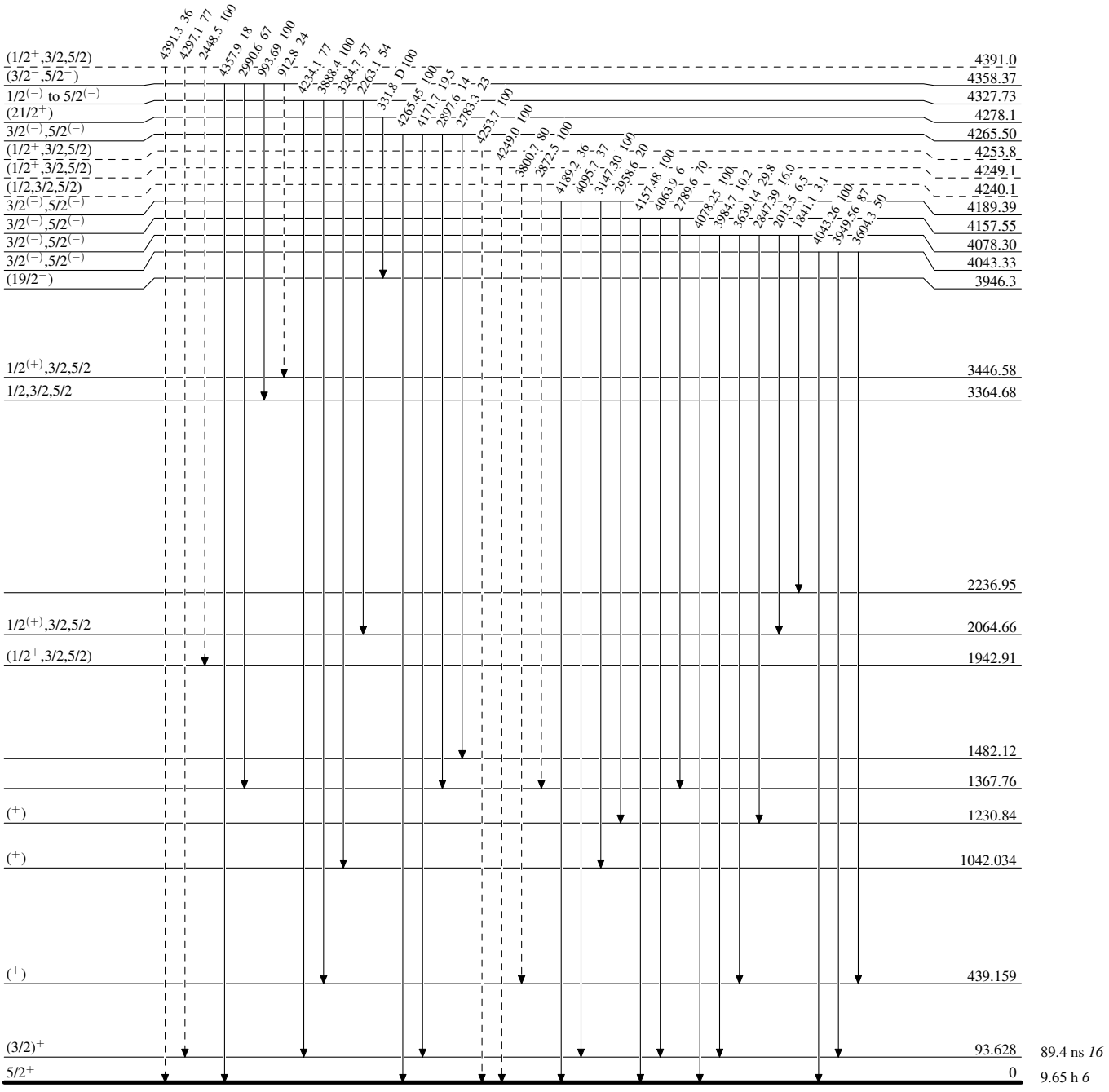
Adopted Levels, Gammas

Legend

Level Scheme (continued)

Intensities: Relative photon branching from each level

γ Decay (Uncertain)



$^{91}_{38}Sr_{53}$

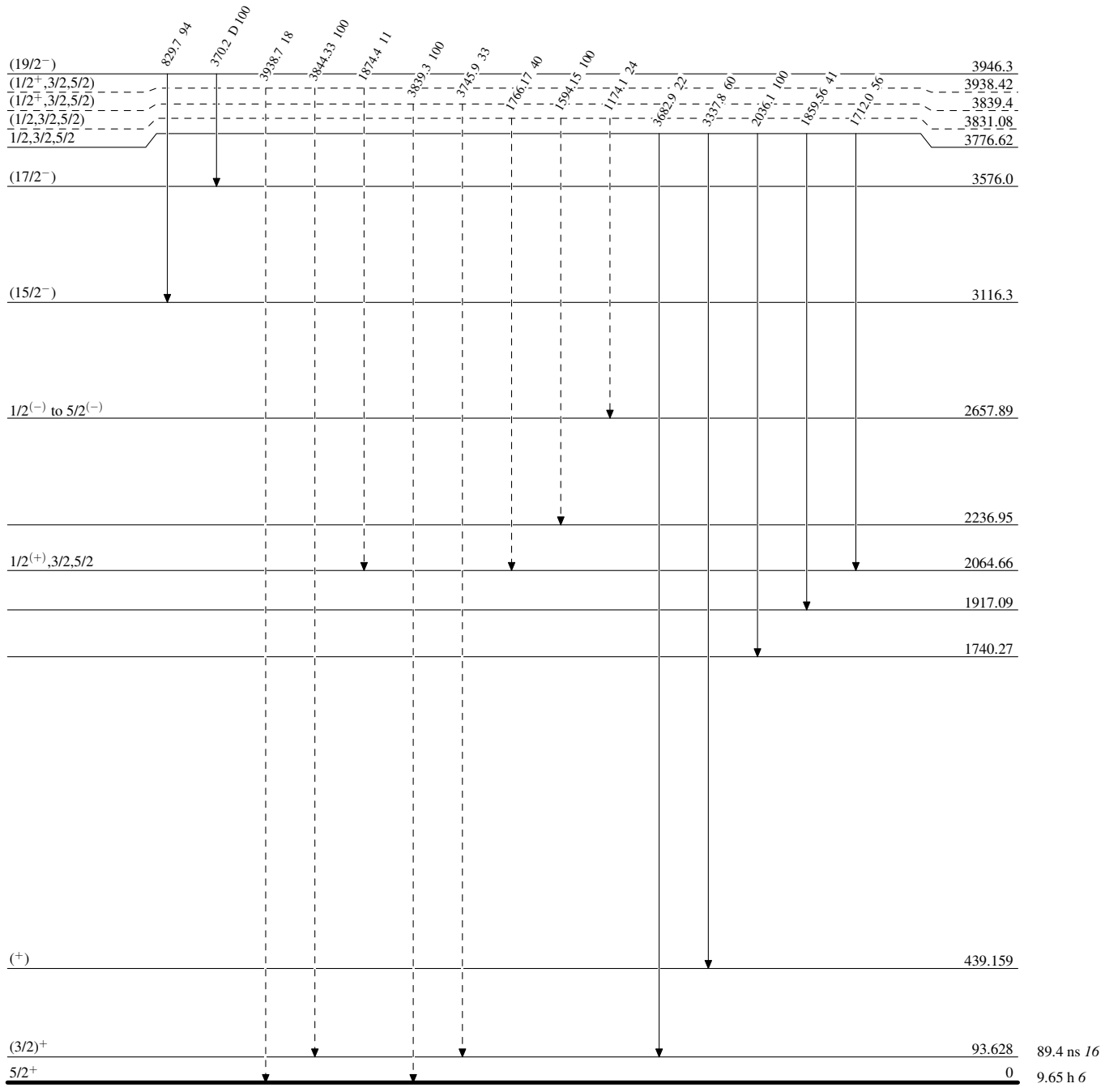
Adopted Levels, Gammas

Legend

Level Scheme (continued)

Intensities: Relative photon branching from each level

γ Decay (Uncertain)



$^{91}_{38}Sr_{53}$

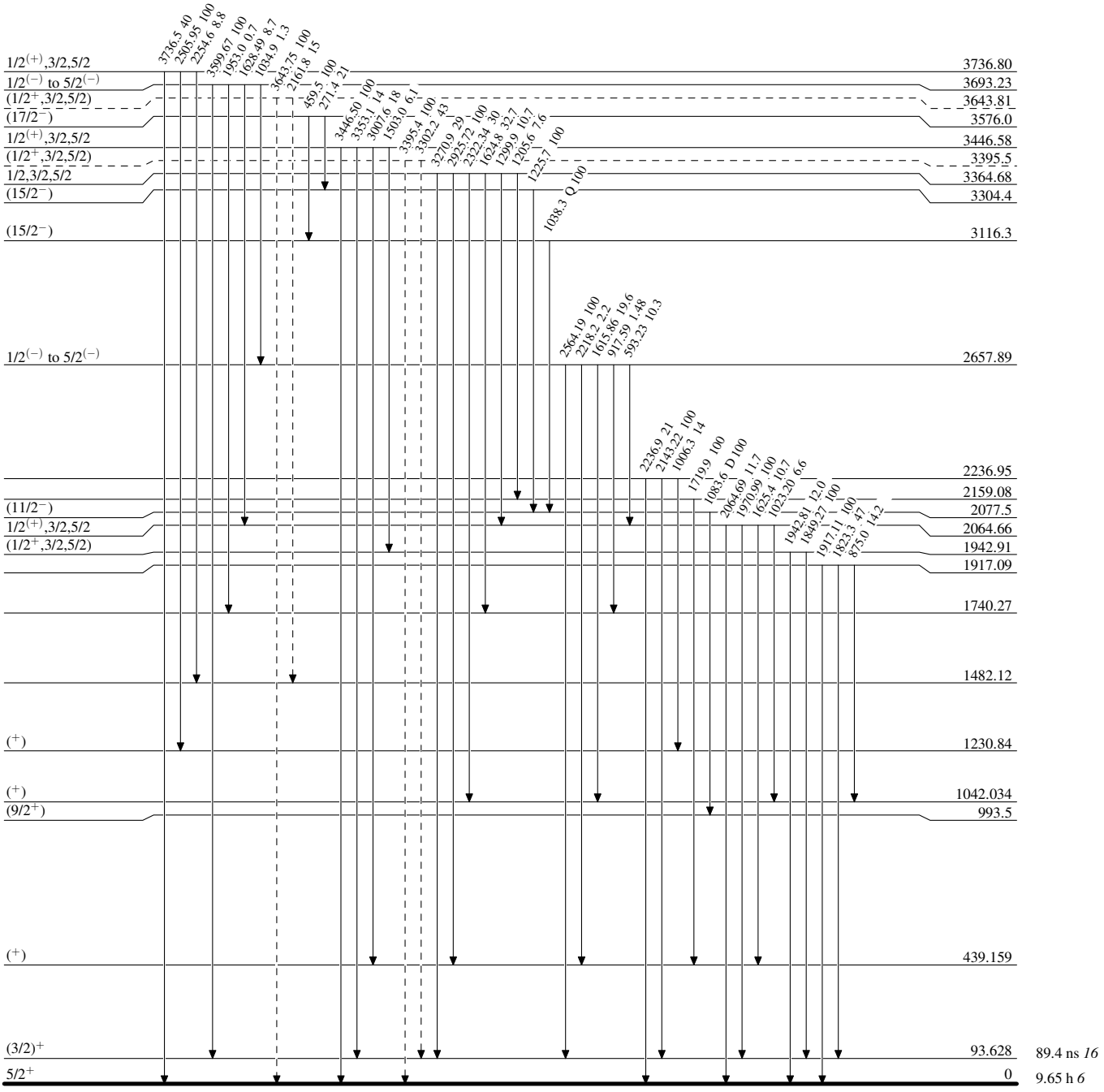
Adopted Levels, Gammas

Legend

Level Scheme (continued)

Intensities: Relative photon branching from each level

γ Decay (Uncertain)

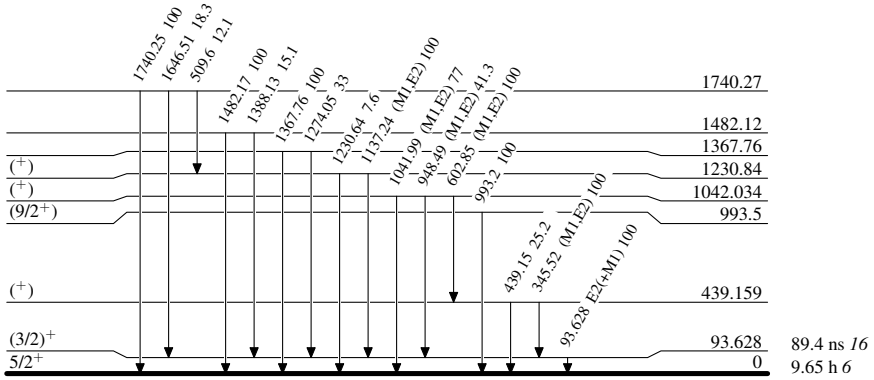


$^{91}_{38}Sr_{53}$

Adopted Levels, Gammas

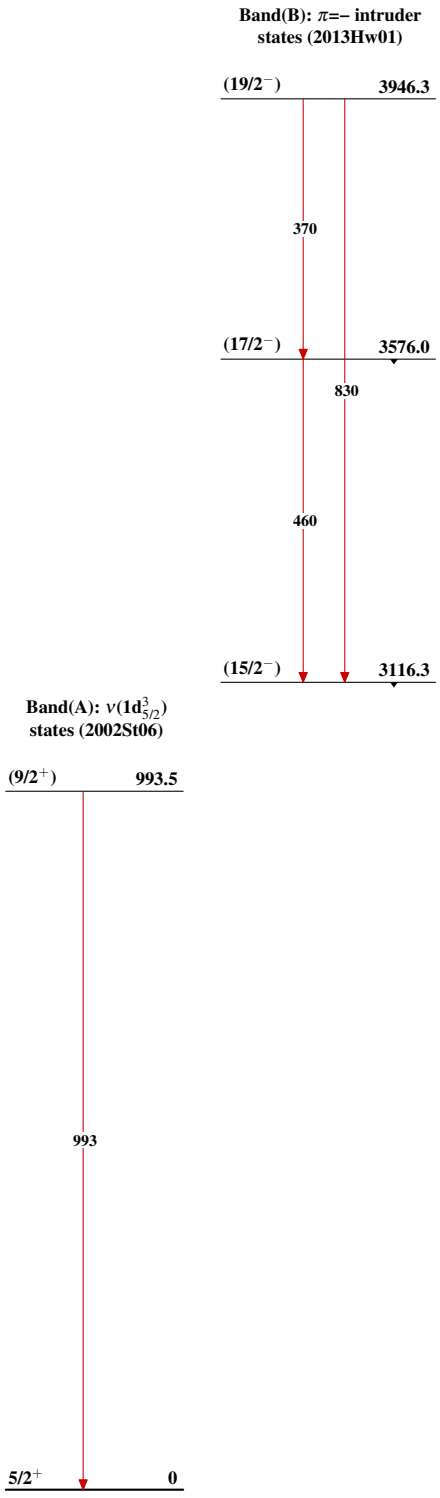
Level Scheme (continued)

Intensities: Relative photon branching from each level



$^{91}_{38}Sr_{53}$

Adopted Levels, Gammas



$^{91}_{38}Sr_{53}$