

Adopted Levels, Gammas

Type	History	Citation	Literature Cutoff Date
Full Evaluation	Author A. Negret, A. A. Sonzogni	ENSDF	31-Mar-2011

$Q(\beta^-)=3507$  7;  $S(n)=6831$  8;  $S(p)=13515$  8;  $Q(\alpha)=-6311.4$  25 [2012Wa38](#)

Note: Current evaluation has used the following Q record 3510 8 6828 10 13512 11 -6309 7 [2011AuZZ](#).

$S(2n)=12118$  8,  $S(2p)=24652$  8 ([2011AuZZ](#)).

$\alpha$ : [Additional information 1](#).

 $^{94}\text{Sr}$  LevelsCross Reference (XREF) Flags

- A**  $^{94}\text{Rb}$   $\beta^-$  decay  
**B**  $^{95}\text{Rb}$   $\beta^-n$  decay  
**C**  $^{248}\text{Cm}$  SF decay  
**D**  $^{252}\text{Cf}$  SF decay

E(level)	$J^\pi$	$T_{1/2}$	XREF	Comments
0.0 <sup>‡</sup>	0 <sup>+</sup>	75.3 s 2	ABCD	$\% \beta^- = 100$ $T_{1/2}$ : from <a href="#">1986Ok03</a> . Others: 75.1 s 4 ( <a href="#">1983Ok07</a> ), 76.7 s 9 ( <a href="#">1979En02</a> ), 78.9 s 10 ( <a href="#">1976KiZK</a> ), 75.3 s 7 ( <a href="#">1974Gr29</a> ), 74.1 s 3 ( <a href="#">1973Gr14</a> ), 78.9 s 8 ( <a href="#">1973Ta09</a> ). $\langle r^2 \rangle^{1/2} = 4.324$ fm 8 ( <a href="#">2004An14</a> ).
836.9 <sup>‡</sup> 1	2 <sup>+</sup>	6.9 <sup>‡</sup> ps 28	ABCD	$J^\pi$ : E2 $\gamma$ to 0 <sup>+</sup> .
1926.28 14	(3 <sup>-</sup> )	$\leq 4.9^{\dagger}$ ps	ABCD	$J^\pi$ : (E1) $\gamma$ to 2 <sup>+</sup> , no $\gamma$ to 0 <sup>+</sup> .
2146.00 <sup>‡</sup> 14	4 <sup>+</sup>	$\leq 4.2^{\dagger}$ ps	ABCD	$J^\pi$ : E2 $\gamma$ to 2 <sup>+</sup> , member of g.s. cascade.
2271.22 16	(2 <sup>+</sup> )		A	$J^\pi$ : log $ft=7.16$ in $\beta^-$ decay of 3 <sup>(-)</sup> parent, $\gamma$ 's to 0 <sup>+</sup> and 2 <sup>+</sup> .
2414.11 18	(3 <sup>-</sup> )	4.2 <sup>‡</sup> ps 14	AB D	$J^\pi$ : (E1) $\gamma$ to 2 <sup>+</sup> , no $\gamma$ to 0 <sup>+</sup> .
2603.94 14	(4 <sup>-</sup> ) <sup>#</sup>	$\leq 7.6^{\dagger}$ ps	ABCD	$J^\pi$ : (E1) G to 3 <sup>(-)</sup> .
2614.1 4	(2,3,4) <sup>#</sup>		AB	
2649.78 15	4 <sup>(+)</sup> <sup>#</sup>	$\leq 4.2^{\dagger}$ ps	ABCD	
2703.94 16	(2,3,4) <sup>#</sup>		AB	
2710.6 4	(2,3,4) <sup>#</sup>		AB	
2739.19 16	(4 <sup>-</sup> ) <sup>#</sup>	$\leq 5.5^{\dagger}$ ps	ABC	
2788.1?			D	
2851.27 17	(2,3,4) <sup>#</sup>		A	
2856.89 15	(5 <sup>-</sup> )	25 <sup>‡</sup> ps 11	A CD	$J^\pi$ : assignment adopted from <a href="#">2009Rz01</a> based on E1 $\gamma$ to 4 <sup>+</sup> . <a href="#">1980Ju03</a> (94Rb $\beta^-$ decay makes the (4 <sup>+</sup> ) assignment based on log $ft=7.21$ from 3 <sup>(-)</sup> parent.
2921.8 4	(2 <sup>+</sup> )		A	$J^\pi$ : log $ft=7.4$ in $\beta^-$ decay of 3 <sup>(-)</sup> parent, $\gamma$ to 0 <sup>+</sup> level.
2929.81 16	(2,3,4) <sup>#</sup>		AB	
2965.0 5	(2,3,4) <sup>#</sup>		A	
2972.07 16	(5 <sup>-</sup> )	$\leq 6.2^{\dagger}$ ps	A CD	$J^\pi$ : Q $\gamma$ to 3 <sup>(-)</sup> and D+Q $\gamma$ to 4 <sup>+</sup> reported in <a href="#">2009Rz01</a> ; Based on log $ft=7.34$ in $\beta^-$ decay from 3 <sup>(-)</sup> parent $J^\pi$ should be (2,3,4).
2981.1 5	(2,3,4) <sup>#</sup>		A	
3047.38 19	(2,3,4) <sup>#</sup>		A	
3077.70 15	2 <sup>+</sup>		A	$J^\pi$ : $\gamma$ 's to 0 <sup>+</sup> and 4 <sup>+</sup> .
3155.3 <sup>‡</sup>	6 <sup>+</sup>		CD	$J^\pi$ : E2 G to 4 <sup>+</sup> , member of g.s. cascade.
3262.34 21	(2,3,4) <sup>#</sup>		A	

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**Adopted Levels, Gammas (continued)** $^{94}\text{Sr}$  Levels (continued)

E(level)	$J^\pi$	$T_{1/2}$	XREF	Comments
3310.73 21	$(5^-)^\#$		A C	$J^\pi$ : adopted from 2009Rz01 based on (Q) $\gamma$ to $3^{(-)}$ ; from the $\log ft=7.28$ in the $\beta^-$ decay from $3^{(-)}$ parent the spin should be (2,3,4).
3338.42 17	$(2,3,4)^\#$		A	
3340.9? 3	$(2,3,4)^\#$		A	
3438.61 24	$(2,3,4)^\#$	$\leq 9.7^\dagger$ ps	AB	
3485.41? 24	$(2,3,4)^\#$		A	
3580.35? 25	$(2,3,4)^\#$		A	
3705.4	$(6^+)$		C	$J^\pi$ : G to $4^+$ .
3724.7? 3	$(2,3,4)^\#$		A	
3768.9 7	$(2,3,4)^\#$		A	
3793.1	$(6^-)$		C	$J^\pi$ : D G to $6^+$ , G to $4^-$ .
3815.7? 8	$(2,3,4)^\#$		A	
3922.8	$(7^-)$		CD	$J^\pi$ : E1 G to $6^+$ .
3948.63 19	$(2,3,4)^\#$	$\leq 4.2^\dagger$ ps	A	
3953.3? 10	$(2,3,4)^\#$		A	
3968.9 10	$(2,3,4)^\#$		A	
3982.5 10	$(2,3,4)^\#$		A	
4024.2? 10	$(2,3,4)^\#$		A	
4034.5	$(7^-)$		C	$J^\pi$ : G to $6^+$ and $5^-$ .
4066.4? 10	$(2,3,4)^\#$		A	
4087.1? 10	$(2,3,4)^\#$		A	
4117.4? 5	$(2,3,4)^\#$		A	
4142.5? 10	$(2,3,4)^\#$		A	
4168.2 4	$(2,3,4)^\#$		A	
4198.49 23	$(2,3,4)^\#$		A	
4211.0? 10	$(2,3,4)^\#$		A	
4268.4? 10	$(2,3,4)^\#$		A	
4281.65? 23	$(2,3,4)^\#$		A	
4308.4? 10	$(2,3,4)^\#$		A	
4361.0 5	$(2,3,4)^\#$		A	
4366.8? 10	$(2,3,4)^\#$		A	
4382.8	$(8^-)$		CD	$J^\pi$ : D G to $(7)^-$ .
4481.1 7	$(2,3,4)^\#$		A	
4631.6	$(8^-)$		CD	
4653.5? 6	$(2,3,4)$		A	
4673.7 4	$(2,3,4)^\#$		A	
4838.4 3	$(2,3,4)^\#$		A	
4857.4	$(9^-)$		CD	
5213.0? 10	$(2,3,4)^\#$		A	
5223.2? 10	$(2,3,4)^\#$		A	
5267.3? 10	$(2,3,4)^\#$		A	
5289.1 4	$(2,3,4)^\#$		A	
5312.9? 10	$(2,3,4)^\#$		A	
5402.4? 8	$(2,3,4)^\#$		A	
5735.4? 10	$(2,3,4)^\#$		A	

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Adopted Levels, Gammas (continued)

<sup>94</sup>Sr Levels (continued)

E(level)	J <sup>π</sup>	XREF
5739.7	(10 <sup>+</sup> ,11 <sup>-</sup> )	CD
5828.2? 9	(2,3,4) <sup>#</sup>	A
5831.1? 5	(2,3,4) <sup>#</sup>	A
6063.7? 10	(2,3,4) <sup>#</sup>	A

† From <sup>94</sup>Rb β<sup>-</sup> decay.  
‡ Band(A): Ground-state band.  
# From log ft=6.7-8.1 in β<sup>-</sup> decay of 3<sup>(-)</sup> parent.

**Adopted Levels, Gammas (continued)**

$\gamma(^{94}\text{Sr})$									
$E_i(\text{level})$	$J_i^\pi$	$E_\gamma^{\ddagger}$	$I_\gamma$	$E_f$	$J_f^\pi$	Mult. <sup>†</sup>	$\delta^\ddagger$	$\alpha$	Comments
836.9	2 <sup>+</sup>	836.9 1	100	0.0	0 <sup>+</sup>	E2		0.000888 13	$\alpha(\text{K})=0.000785$ 11; $\alpha(\text{L})=8.63\times 10^{-5}$ 12; $\alpha(\text{M})=1.448\times 10^{-5}$ 21 $\alpha(\text{O})=1.160\times 10^{-7}$ 17; $\alpha(\text{N}+..)=1.93\times 10^{-6}$ B(E2)(W.u.)=8 4 Mult.: From $\gamma\gamma(\theta)$ and B(E2)=8.4.
1926.28	(3 <sup>-</sup> )	1089.4 2	100	836.9	2 <sup>+</sup>	(E1)		0.000212 3	$\alpha(\text{K})=0.000188$ 3; $\alpha(\text{L})=2.01\times 10^{-5}$ 3; $\alpha(\text{M})=3.36\times 10^{-6}$ 5; $\alpha(\text{N})=4.23\times 10^{-7}$ 6 $\alpha(\text{O})=2.77\times 10^{-8}$ 4; $\alpha(\text{N}+..)=4.50\times 10^{-7}$ 7
2146.00	4 <sup>+</sup>	1309.1 2	100	836.9	2 <sup>+</sup>	E2		0.000349 5	$\alpha(\text{K})=0.000283$ 4; $\alpha(\text{L})=3.06\times 10^{-5}$ 5; $\alpha(\text{M})=5.13\times 10^{-6}$ 8; $\alpha(\text{N})=6.44\times 10^{-7}$ 9 $\alpha(\text{O})=4.20\times 10^{-8}$ 6; $\alpha(\text{N}+..)=3.01\times 10^{-5}$ 5
2271.22	(2 <sup>+</sup> )	1434.4 2 2271.4 5	20.8 17 100 13	836.9 0.0	2 <sup>+</sup> 0 <sup>+</sup>				
2414.11	(3 <sup>-</sup> )	1577.5 2	100	836.9	2 <sup>+</sup>	(E1+M2)	-0.02 2	0.000419 6	$\alpha(\text{K})=9.89\times 10^{-5}$ 15; $\alpha(\text{L})=1.050\times 10^{-5}$ 16; $\alpha(\text{M})=1.76\times 10^{-6}$ 3; $\alpha(\text{N})=2.21\times 10^{-7}$ 4 $\alpha(\text{O})=1.459\times 10^{-8}$ 22; $\alpha(\text{N}+..)=0.000308$ 5 B(E1)(W.u.)=(2.0×10 <sup>-5</sup> 7); B(M2)(W.u.)=(0.015 +30-15)
2603.94	(4 <sup>-</sup> )	458.0 1 677.7 1	14.6 13 100 4	2146.00 1926.28	4 <sup>+</sup> (3 <sup>-</sup> )	(M1+E2)	-0.54 24	0.001308 19	$\alpha(\text{K})=0.001158$ 17; $\alpha(\text{L})=0.0001256$ 18; $\alpha(\text{M})=2.11\times 10^{-5}$ 3 $\alpha(\text{O})=1.742\times 10^{-7}$ 25; $\alpha(\text{N}+..)=2.83\times 10^{-6}$
2614.1	(2,3,4)	1766.8 <sup>#</sup> 4 1777.2 3	3.6 5 100	836.9 836.9	2 <sup>+</sup> 2 <sup>+</sup>				
2649.78	4 <sup>(+)</sup>	503.8 1	100 4	2146.00	4 <sup>+</sup>	(M1+E2)	-0.35 8	0.00269 6	$\alpha(\text{K})=0.00238$ 6; $\alpha(\text{L})=0.000261$ 7; $\alpha(\text{M})=4.39\times 10^{-5}$ 11; $\alpha(\text{N})=5.50\times 10^{-6}$ 13; $\alpha(\text{O})=3.57\times 10^{-7}$ 8 $\alpha(\text{N}+..)=5.86\times 10^{-6}$ 14
		723.7 2 1812.74 24	27 5 89 6	1926.28 836.9	(3 <sup>-</sup> ) 2 <sup>+</sup>	(E2)		0.000386 6	$\alpha(\text{K})=0.0001485$ 21; $\alpha(\text{L})=1.588\times 10^{-5}$ 23; $\alpha(\text{M})=2.66\times 10^{-6}$ 4 $\alpha(\text{O})=2.20\times 10^{-8}$ 3; $\alpha(\text{N}+..)=0.000219$ Mult.: measured to be Q in <sup>248</sup> Cm SF decay.
2703.94	(2,3,4)	558.0 1 1866.9 3	5.8 6 100 9	2146.00 836.9	4 <sup>+</sup> 2 <sup>+</sup>				
2710.6	(2,3,4)	1873.7 3	100	836.9	2 <sup>+</sup>				
2739.19	(4 <sup>-</sup> )	812.9 1 1902.2 3	100 7 8.5 11	1926.28 836.9	(3 <sup>-</sup> ) 2 <sup>+</sup>				
2788.1?		374.0 <sup>#</sup>	100	2414.11	(3 <sup>-</sup> )				
2851.27	(2,3,4)	925.0 1 2014.0 4	60 5 100 12	1926.28 836.9	(3 <sup>-</sup> ) 2 <sup>+</sup>				
2856.89	(5 <sup>-</sup> )	117.7 2 207.14 <sup>#</sup> 9	14 3 29 4	2739.19 2649.78	(4 <sup>-</sup> ) 4 <sup>(+)</sup>				

Adopted Levels, Gammas (continued)

$\gamma(^{94}\text{Sr})$ (continued)									
$E_i(\text{level})$	$J_i^\pi$	$E_\gamma^{\ddagger}$	$I_\gamma$	$E_f$	$J_f^\pi$	Mult. <sup>†</sup>	$\alpha$	Comments	
2856.89	(5) <sup>-</sup>	253.0 1 710.76 2	95 4 100 8	2603.94 2146.00	(4) <sup>-</sup> 4 <sup>+</sup>	E1	0.000500 7	$\alpha(\text{K})=0.000444$ 7; $\alpha(\text{L})=4.77\times 10^{-5}$ 7; $\alpha(\text{M})=7.99\times 10^{-6}$ 12; $\alpha(\text{N})=1.002\times 10^{-6}$ 14 $\alpha(\text{O})=6.52\times 10^{-8}$ 10; $\alpha(\text{N}+..)=1.068\times 10^{-6}$ 15 $\text{B}(\text{E1})(\text{W.u.})=1.5\times 10^{-5}$ 7	
2921.8	(2 <sup>+</sup> )	2084.7 4 2922.3 7	100 10 24.4 24	836.9 0.0	2 <sup>+</sup> 0 <sup>+</sup>				
2929.81	(2,3,4)	783.8 1 2093.0 4	27.4 17 100 9	2146.00 836.9	4 <sup>+</sup> 2 <sup>+</sup>				
2965.0	(2,3,4)	2128.1 4	100	836.9	2 <sup>+</sup>				
2972.07	(5) <sup>-</sup>	826.1 1 1045.7 2	100 8 82 6	2146.00 1926.28	4 <sup>+</sup> (3) <sup>-</sup>	D+Q Q			
2981.1	(2,3,4)	2144.2 4	100	836.9	2 <sup>+</sup>				
3047.38	(2,3,4)	633.7 2 1120.8 2 2209.9 4	7.5 10 10.5 10 100 10	2414.11 1926.28 836.9	(3) <sup>-</sup> (3) <sup>-</sup> 2 <sup>+</sup>				
3077.70	2 <sup>+</sup>	806.5 1 931.6 1 1151.7 2	22 8 50 3 100 9	2271.22 2146.00 1926.28	(2 <sup>+</sup> ) 4 <sup>+</sup> (3) <sup>-</sup>				
3155.3	6 <sup>+</sup>	3076.6 <sup>#</sup> 9 183.5 2 299.2 1009.7	41 5 15.6 17 100 11 67 6	0.0 2972.07 2856.89 2146.00	0 <sup>+</sup> (5) <sup>-</sup> (5) <sup>-</sup> 4 <sup>+</sup>	D E2	0.000566 8	$\alpha(\text{K})=0.000501$ 7; $\alpha(\text{L})=5.46\times 10^{-5}$ 8; $\alpha(\text{M})=9.16\times 10^{-6}$ 13; $\alpha(\text{N})=1.148\times 10^{-6}$ 16 $\alpha(\text{O})=7.42\times 10^{-8}$ 11; $\alpha(\text{N}+..)=1.222\times 10^{-6}$ 18	
3262.34	(2,3,4)	658.5 2 1336.0 3 2424.9 5	21 3 30 3 100 10	2603.94 1926.28 836.9	(4) <sup>-</sup> (3) <sup>-</sup> 2 <sup>+</sup>				
3310.73	(5) <sup>-</sup>	660.7 4 1384.40 24 2474.2 <sup>#</sup> 5	44 6 100 6 25 3	2649.78 1926.28 836.9	4 <sup>(+)</sup> (3) <sup>-</sup> 2 <sup>+</sup>	(Q)			
3338.42	(2,3,4)	734.5 1 2501.0 5	55 8 100 11	2603.94 836.9	(4) <sup>-</sup> 2 <sup>+</sup>				
3340.9?	(2,3,4)	601.7 2	100	2739.19	(4) <sup>-</sup>				
3438.61	(2,3,4)	1292.6 2	100	2146.00	4 <sup>+</sup>				
3485.41?	(2,3,4)	1339.4 <sup>#</sup> 2	100	2146.00	4 <sup>+</sup>				
3580.35?	(2,3,4)	976.4 <sup>#</sup> 2	100	2603.94	(4) <sup>-</sup>				
3705.4	(6 <sup>+</sup> )	1559.4 4	100	2146.00	4 <sup>+</sup>				
3724.7?	(2,3,4)	1453.5 <sup>#</sup> 2	100	2271.22	(2 <sup>+</sup> )				

Adopted Levels, Gammas (continued)

$\gamma(^{94}\text{Sr})$  (continued)

$E_i(\text{level})$	$J_i^\pi$	$E_\gamma^{\ddagger}$	$I_\gamma$	$E_f$	$J_f^\pi$	Mult. <sup>†</sup>	$\alpha$	Comments
3768.9	(2,3,4)	2931.9 7	100	836.9	2 <sup>+</sup>			
3793.1	(6 <sup>-</sup> )	482.3 4	60 8	3310.73	(5 <sup>-</sup> )			
		637.5 4	100 12	3155.3	6 <sup>+</sup>	D		
		1189.0	100 12	2603.94	(4 <sup>-</sup> )			
3815.7?	(2,3,4)	2978.7 <sup>#</sup> 8	100	836.9	2 <sup>+</sup>			
3922.8	(7 <sup>-</sup> )	130.0 2	44 4	3793.1	(6 <sup>-</sup> )			
		217.5 4	8 3	3705.4	(6 <sup>+</sup> )			
		767.3 4	100.0	3155.3	6 <sup>+</sup>	E1	0.000425 6	$\alpha(\text{K})=0.000377$ 6; $\alpha(\text{L})=4.04\times 10^{-5}$ 6; $\alpha(\text{M})=6.77\times 10^{-6}$ 10; $\alpha(\text{N})=8.50\times 10^{-7}$ 12 $\alpha(\text{O})=5.54\times 10^{-8}$ 8; $\alpha(\text{N}+..)=9.06\times 10^{-7}$ 13
		951.0 <sup>#</sup> 4	18 3	2972.07	(5 <sup>-</sup> )			
		1066.1 4	12 3	2856.89	(5 <sup>-</sup> )			
3948.63	(2,3,4)	1244.9 2	23.5 23	2703.94	(2,3,4)			
		1345.0	15.2	2603.94	(4 <sup>-</sup> )			
		1534.3 2	50 4	2414.11	(3 <sup>-</sup> )			
		2022.3 4	100 11	1926.28	(3 <sup>-</sup> )			
3953.3?	(2,3,4)	3116.3 <sup>#</sup> 10	100	836.9	2 <sup>+</sup>			
3968.9	(2,3,4)	3131.9 10	100	836.9	2 <sup>+</sup>			
3982.5	(2,3,4)	3145.5 10	100	836.9	2 <sup>+</sup>			
4024.2?	(2,3,4)	3187.2 <sup>#</sup> 10	100	836.9	2 <sup>+</sup>			
4034.5	(7 <sup>-</sup> )	878.8 4	100 13	3155.3	6 <sup>+</sup>	D+Q		
		1177.5 4	41 6	2856.89	(5 <sup>-</sup> )			
4066.4?	(2,3,4)	3229.4 <sup>#</sup> 10	100	836.9	2 <sup>+</sup>			
4087.1?	(2,3,4)	3250.1 <sup>#</sup> 10	100	836.9	2 <sup>+</sup>			
4117.4?	(2,3,4)	1703.3 <sup>#</sup> 4	100	2414.11	(3 <sup>-</sup> )			
4142.5?	(2,3,4)	3305.5 <sup>#</sup> 10	100	836.9	2 <sup>+</sup>			
4168.2	(2,3,4)	1755.8 8	100 25	2414.11	(3 <sup>-</sup> )			
		2241.5 4	60 8	1926.28	(3 <sup>-</sup> )			
4198.49	(2,3,4)	1594.5 2	22.7 20	2603.94	(4 <sup>-</sup> )			
		2272.2 5	100 20	1926.28	(3 <sup>-</sup> )			
		3362.2 10	15.3 20	836.9	2 <sup>+</sup>			
4211.0?	(2,3,4)	3374.0 <sup>#</sup> 10	100	836.9	2 <sup>+</sup>			
4268.4?	(2,3,4)	3431.4 <sup>#</sup> 10	100	836.9	2 <sup>+</sup>			
4281.65?	(2,3,4)	1632.0 <sup>#</sup> 2	100 9	2649.78	4 <sup>(+)</sup>			
		2354.4 <sup>#</sup> 5	62 6	1926.28	(3 <sup>-</sup> )			
4308.4?	(2,3,4)	3471.4 <sup>#</sup> 10	100	836.9	2 <sup>+</sup>			
4361.0	(2,3,4)	1757.0 4	100	2603.94	(4 <sup>-</sup> )			

**Adopted Levels, Gammas (continued)**

$\gamma(^{94}\text{Sr})$  (continued)

$E_i(\text{level})$	$J_i^\pi$	$E_\gamma^\ddagger$	$I_\gamma$	$E_f$	$J_f^\pi$	Mult. <sup>†</sup>	$E_i(\text{level})$	$J_i^\pi$	$E_\gamma^\ddagger$	$I_\gamma$	$E_f$	$J_f^\pi$
4366.8?	(2,3,4)	3529.8 <sup>#</sup> 10	100	836.9	2 <sup>+</sup>	D	4857.4	(9 <sup>-</sup> )	935.6 4	24 4	3922.8	(7) <sup>-</sup>
4382.8	(8 <sup>-</sup> )	459.9 4	100	3922.8	(7) <sup>-</sup>		5213.0?	(2,3,4)	3286.7 <sup>#</sup> 10	100	1926.28	(3) <sup>-</sup>
4481.1	(2,3,4)	2554.8 6	100	1926.28	(3) <sup>-</sup>		5223.2?	(2,3,4)	3296.9 <sup>#</sup> 10	100	1926.28	(3) <sup>-</sup>
4631.6	(8 <sup>-</sup> )	249.6 2	33 7	4382.8	(8 <sup>-</sup> )		5267.3?	(2,3,4)	3341.0 <sup>#</sup> 10	100	1926.28	(3) <sup>-</sup>
		598.1 4	78 11	4034.5	(7) <sup>-</sup>		5289.1	(2,3,4)	2317.1 5	100 11	2972.07	(5) <sup>-</sup>
		709.6 4	100 16	3922.8	(7) <sup>-</sup>				2684.9 6	81 7	2603.94	(4) <sup>-</sup>
4653.5?	(2,3,4)	2507.5 <sup>#</sup> 5	100	2146.00	4 <sup>+</sup>		5312.9?	(2,3,4)	3386.6 <sup>#</sup> 10	100	1926.28	(3) <sup>-</sup>
4673.7	(2,3,4)	1934.5 4	15 4	2739.19	(4) <sup>-</sup>		5402.4?	(2,3,4)	2798.4 <sup>#</sup> 7	100	2603.94	(4) <sup>-</sup>
		3836.4 10	100 10	836.9	2 <sup>+</sup>		5735.4?	(2,3,4)	3809.0 <sup>#</sup> 10	100	1926.28	(3) <sup>-</sup>
4838.4	(2,3,4)	2098.9 4	69 7	2739.19	(4) <sup>-</sup>		5739.7	(10 <sup>+</sup> , 11 <sup>-</sup> )	882.2 4	100	4857.4	(9) <sup>-</sup>
		2189.0 4	76 7	2649.78	4 <sup>(+)</sup>		5828.2?	(2,3,4)	3224.9 <sup>#</sup> 15	9.×10 <sup>1</sup> 4	2603.94	(4) <sup>-</sup>
		2692.1 6	100 11	2146.00	4 <sup>+</sup>				3681.8 <sup>#</sup> 10	100	2146.00	4 <sup>+</sup>
4857.4	(9 <sup>-</sup> )	226.6 2	100 10	4631.6	(8 <sup>-</sup> )		5831.1?	(2,3,4)	4994.0 <sup>#</sup> 5	100	836.9	2 <sup>+</sup>
		475.7 4	80 10	4382.8	(8 <sup>-</sup> )		6063.7?	(2,3,4)	3917.6 <sup>#</sup> 10	100	2146.00	4 <sup>+</sup>

<sup>†</sup> From angular correlations studied in <sup>94</sup>Rb  $\beta^-$  decay, and <sup>248</sup>Cm SF Decay unless stated otherwise.

<sup>‡</sup> The gamma energies and the BRs are calculated as weighted average from <sup>94</sup>Rb  $\beta^-$  decay and <sup>248</sup>Cm SF Decay, where available.

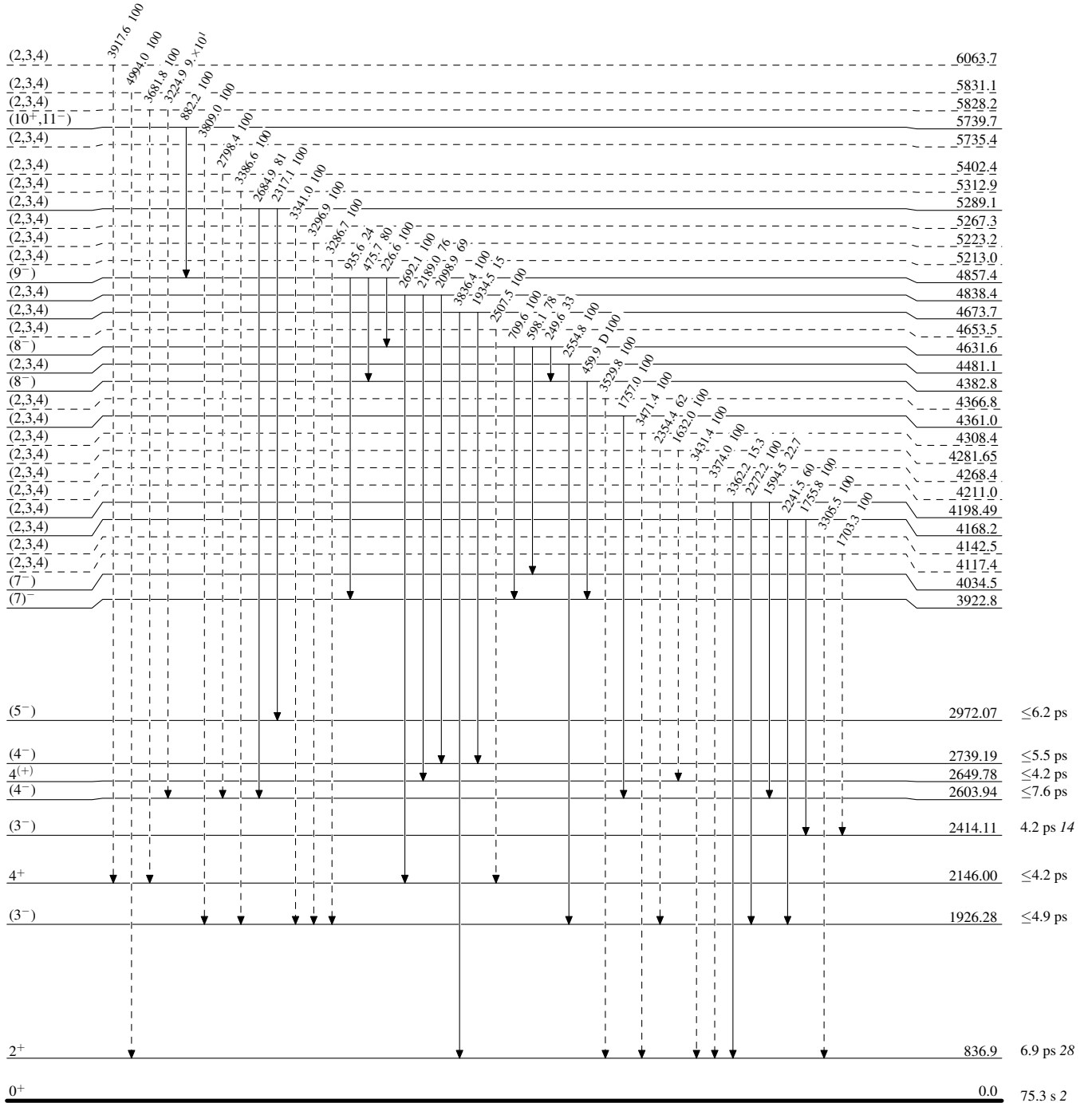
<sup>#</sup> Placement of transition in the level scheme is uncertain.

Adopted Levels, Gammas

Legend

Level Scheme

Intensities: Relative photon branching from each level

----->  $\gamma$  Decay (Uncertain)

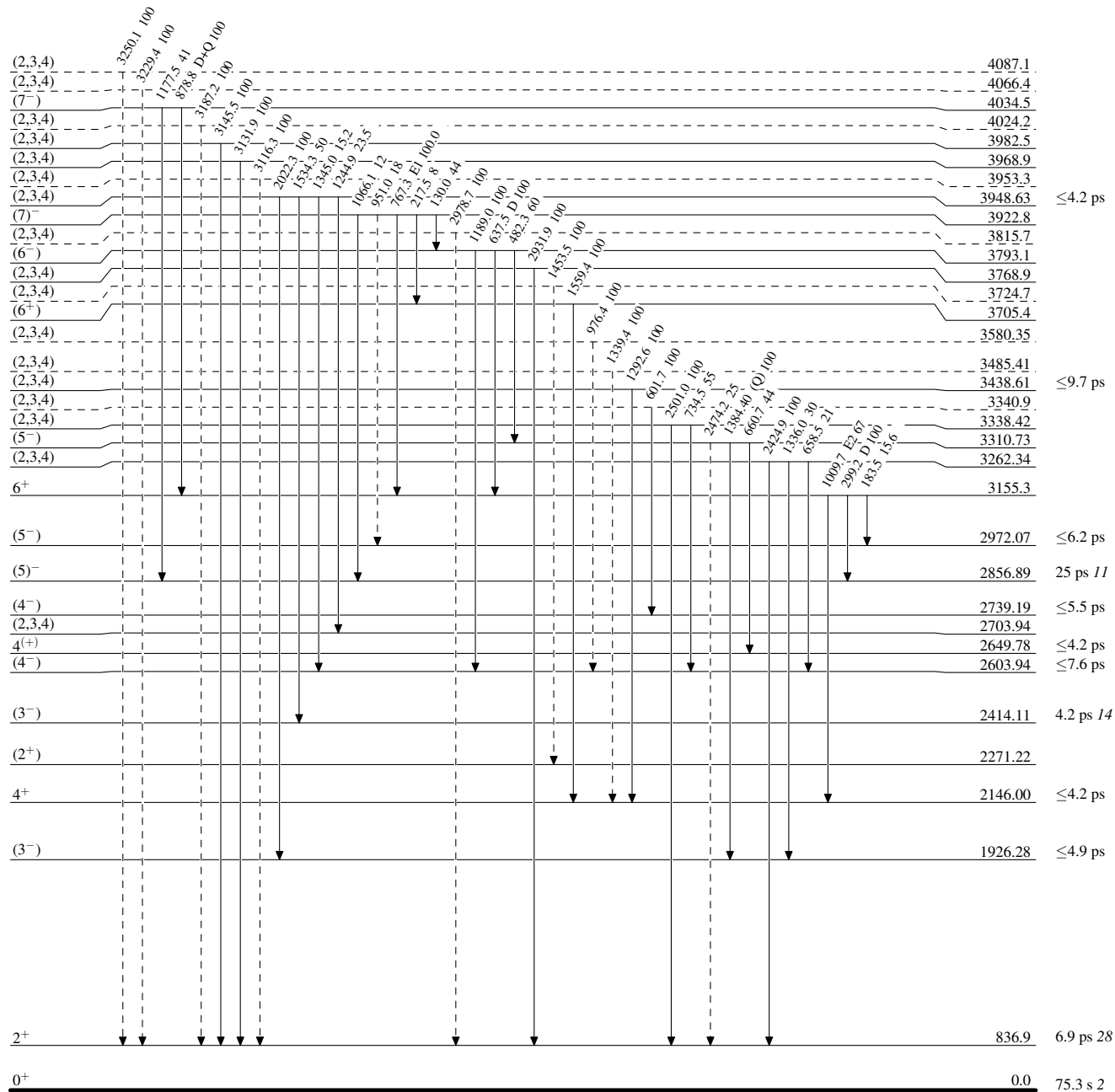


## Adopted Levels, Gammas

Legend

## Level Scheme (continued)

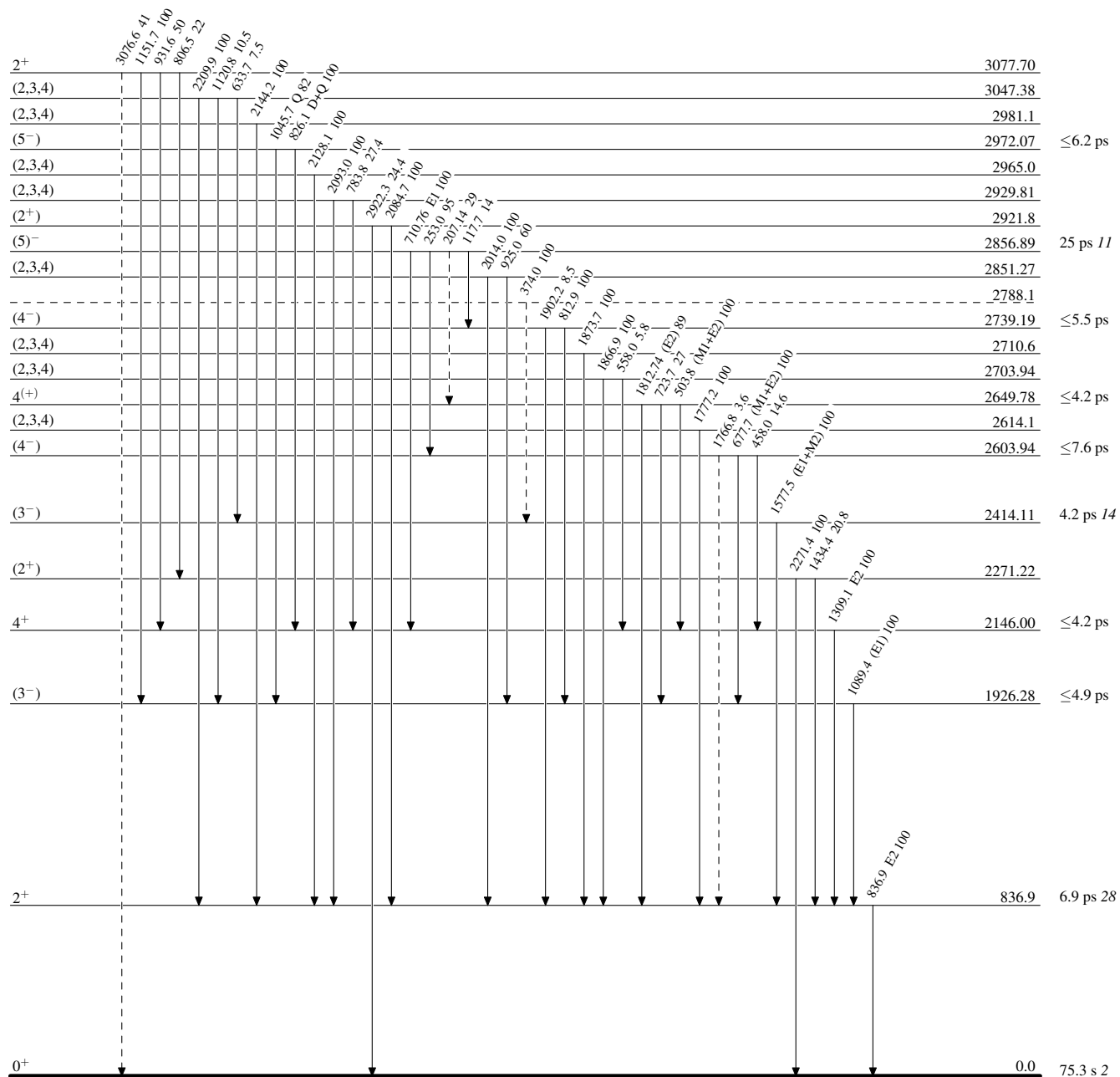
Intensities: Relative photon branching from each level

-----►  $\gamma$  Decay (Uncertain)

### Legend

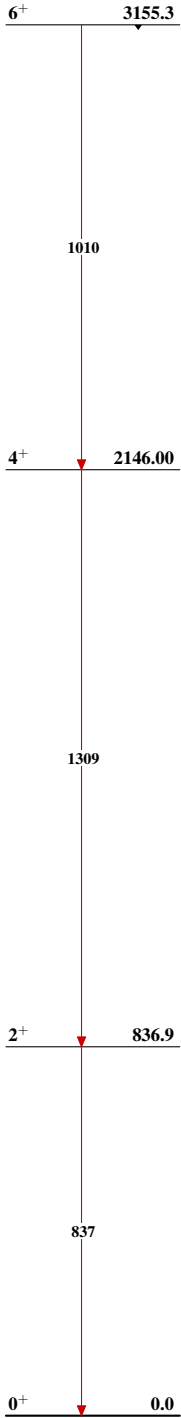
Intensities: Relative photon branching from each level

-----►  $\gamma$  Decay (Uncertain)

 $^{94}_{38}\text{Sr}_{56}$

Adopted Levels, Gammas

Band(A): Ground-state  
band



$^{94}_{38}\text{Sr}_{56}$