

⁸⁷Sr(n,γ) E=thermal **1987Wi15**

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

J^π(target)=9/2⁺.

1987Wi15: E=thermal. Measured E_γ, I_γ using an intrinsic Ge detector (FWHM=1.9 keV at 1.3 MeV) for E_γ between 0.2 MeV and 3.0 MeV and the ILL pair spectrometer (FWHM=2.3 keV at 2 MeV and 5.2 keV at 8 MeV) for E_γ>1.5 MeV.

1969Ly07: E=thermal. Measured E_γ, I_γ, γγ using a Ge(Li) detector for singles measurements and a Ge(Li)-NaI(Tl) detector combination for coincidence measurements.

Others: **1968Ir01**, **1967Mi12**.

For resonance neutron capture parameters see **1982Hi11** and **1981MuZQ**.

⁸⁸Sr Levels

E(level) [†]	J ^{π‡}	E(level) [†]	J ^{π‡}	E(level) [†]	J ^{π‡}	E(level) [†]	J ^{π‡}
0	0 ⁺	4227.30 5	(3 ⁻)	5321.42 5	4 ⁺	6257.94 10	3 ⁺
1836.13 4	2 ⁺	4268.78 5	(3 ⁻ ,4,5 ⁻)	5424.76 6	(3 ⁻)	6507.83 7	(4 ⁺)
2734.20 4	3 ⁻	4299.71 6	4 ⁺	5427.82 5	(4 ⁻ ,5)	6583.77 6	(1 ⁻ ,2,3 ⁺)
3218.52 4	2 ⁺	4414.10 5	(2) ⁺	5518.30 6	4 ⁺	6612.82 7	2 ⁻ ,3 ⁻
3486.58 5	1 ⁺	4440.85 7		5689.07 6	3 ⁺ ,4 ⁺	6692.52 8	(3 ⁺ ,2 ⁺)
3523.00 6	(2) ⁺	4452.07 5	(4) ⁺	5812.13 6	3 ⁻	6806.96 7	(4 ⁺)
3584.84 4	5 ⁻	4514.59 8	⁺	5835.66 7	(3 ⁻ ,4 ⁺)	6916.75 8	(3 ⁻ ,2 ⁺)
3635.18 6	(3) ⁺	4845.61 5	(3) ⁻	5951.17 6	(4 ⁻)	7138.93 7	(4 ⁺)
3952.70 4	(4) ⁻	5010.72 5	(3,4 ⁺)	5996.33 7	4 ⁺	7207.95 7	(3,4 ⁺ ,2 ⁺)
4019.70 5	(6) ⁻	5076.71 7		6011.22 7	(2) ⁺	7573.29 7	(3,4 ⁺ ,2 ⁺)
4039.12 5	(3) ⁺	5092.37 7	(4) ⁺	6125.27 7		(11112.70 [#] 4)	4 ⁺ ,5 ⁺ @
4170.48 4	(3 ⁻)	5113.17 6	(2 ⁺ ,3)	6249.35 8	(2 ⁻ ,3 ⁺)		

[†] From a least-squares fit to E_γ by the evaluators.

[‡] From the Adopted Levels.

[#] Thermal-n capture state. Statistical uncertainty given as deduced from γ transitions. **1987Wi15** reported ΔE=0.22 keV including systematic uncertainties. Others: 11113.0 6 (**1969Ly07**), 11112.64 16 (**2012Wa38**).

@ s-wave neutron capture from 9/2⁺ ground state of ⁸⁷Sr.

γ(⁸⁸Sr)

I_γ normalization: From ΣE_γ×I_γ/S(n)=100 (**1987Wi15**). However, this leads to ΣI_γ (g.s.)=127 20 (primarily 1836γ).

E _γ [†]	I _γ ^{‡‡}	E _i (level)	J _i ^π	E _f	J _f ^π
^x 358.26 6	1.2 3				
^x 398.61 12	0.55 14				
434.92 4	2.6 5	4019.70	(6) ⁻	3584.84	5 ⁻
558.49 6	0.85 14	5010.72	(3,4 ⁺)	4452.07	(4) ⁺
560.9 6	0.29 7	6249.35	(2 ⁻ ,3 ⁺)	5689.07	3 ⁺ ,4 ⁺
585.626 25	5.9 9	4170.48	(3 ⁻)	3584.84	5 ⁻
^x 595.63 4	1.10 17				
683.99 [#] 6	0.73 [#] 7	4170.48	(3 ⁻)	3486.58	1 ⁺
683.99 [#] 6	0.73 [#] 7	4268.78	(3 ⁻ ,4,5 ⁻)	3584.84	5 ⁻
^x 769.10 6	0.70 11				
^x 834.93 11	0.35 7				
^x 846.72 4	1.00 15				
850.647 24	27 4	3584.84	5 ⁻	2734.20	3 ⁻

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$^{87}\text{Sr}(n,\gamma)$ E=thermal 1987Wi15 (continued) $\gamma(^{88}\text{Sr})$ (continued)

E_γ^\dagger	$I_\gamma^{\ddagger\ddagger}$	$E_i(\text{level})$	J_i^π	E_f	J_f^π
867.09 6	0.70 11	4452.07	(4) ⁺	3584.84	5 ⁻
891.31 12	0.31 6	4414.10	(2) ⁺	3523.00	(2) ⁺
898.036 24	70 11	2734.20	3 ⁻	1836.13	2 ⁺
934.50 3	2.6 4	6011.22	(2) ⁺	5076.71	
975.64 7	0.57 9	5427.82	(4 ⁻ ,5)	4452.07	(4) ⁺
1052.90 [#] 12	0.31 [#] 5	5092.37	(4) ⁺	4039.12	(3) ⁺
1052.90 [#] 12	0.31 [#] 5	5321.42	4 ⁺	4268.78	(3 ⁻ ,4,5 ⁻)
1058.08 4	1.04 16	5010.72	(3,4 ⁺)	3952.70	(4) ⁻
1074.16 13	0.28 6	5113.17	(2 ⁺ ,3)	4039.12	(3) ⁺
1150.55 16	0.24 5	5996.33	4 ⁺	4845.61	(3) ⁻
1158.95 11	0.36 7	5427.82	(4 ⁻ ,5)	4268.78	(3 ⁻ ,4,5 ⁻)
1218.505 25	7.4 11	3952.70	(4) ⁻	2734.20	3 ⁻
1304.88 4	1.11 17	4039.12	(3) ⁺	2734.20	3 ⁻
^x 1309.19 9	0.46 8				
1323.95 6	1.46 23	7573.29	(3,4 ⁺ ,2 ⁺)	6249.35	(2 ⁻ ,3 ⁺)
1368.67 3	4.1 6	5321.42	4 ⁺	3952.70	(4) ⁻
1382.39 3	2.7 4	3218.52	2 ⁺	1836.13	2 ⁺
1404.98 5	1.10 17	5424.76	(3 ⁻)	4019.70	(6) ⁻
1408.23 5	1.14 18	5427.82	(4 ⁻ ,5)	4019.70	(6) ⁻
^x 1433.93 10	0.49 9				
1436.27 4	1.8 3	4170.48	(3 ⁻)	2734.20	3 ⁻
^x 1439.05 12	1.19 23				
1442.06 22	0.46 12	5076.71		3635.18	(3) ⁺
^x 1446.35 12	0.61 11				
1449.77 17	0.58 13	7138.93	(4) ⁺	5689.07	3 ⁺ ,4 ⁺
1471.76 16	0.27 5	5424.76	(3 ⁻)	3952.70	(4) ⁻
1477.99 8	0.58 10	5113.17	(2 ⁺ ,3)	3635.18	(3) ⁺
1493.03 4	1.50 23	4227.30	(3 ⁻)	2734.20	3 ⁻
^x 1502.11 17	0.45 8				
1507.30 [#] 21	0.27 [#] 4	5092.37	(4) ⁺	3584.84	5 ⁻
1507.30 [#] 21	0.27 [#] 4	6583.77	(1 ⁻ ,2,3 ⁺)	5076.71	
1510.3 3	0.21 5	5951.17	(4) ⁻	4440.85	
1513.5 6	0.08 4	5812.13	3 ⁻	4299.71	4 ⁺
1534.44 9	4.4 7	4268.78	(3 ⁻ ,4,5 ⁻)	2734.20	3 ⁻
^x 1550.8 4	0.09 3				
^x 1557.3 4	0.09 3				
1565.49 [#] 9	1.50 [#] 12	4299.71	4 ⁺	2734.20	3 ⁻
1565.49 [#] 9	3.00 [#] 23	5518.30	4 ⁺	3952.70	(4) ⁻
1571.2 [#] 7	0.10 [#] 3	5092.37	(4) ⁺	3523.00	(2) ⁺
1571.2 [#] 7	0.10 [#] 3	6583.77	(1 ⁻ ,2,3 ⁺)	5010.72	(3,4 ⁺)
1595.6 [#] 6	0.14 [#] 3	6011.22	(2) ⁺	4414.10	(2) ⁺
1595.6 [#] 6	0.14 [#] 3	6916.75	(3 ⁻ ,2 ⁺)	5321.42	4 ⁺
1606.2 [#] 8	0.10 [#] 3	5092.37	(4) ⁺	3486.58	1 ⁺
1606.2 [#] 8	0.10 [#] 3	5835.66	(3 ⁻ ,4 ⁺)	4227.30	(3) ⁻
^x 1618.97 14	0.35 6				
1627.01 19	0.21 4	4845.61	(3) ⁻	3218.52	2 ⁺
^x 1635.2 11	0.032 24				
1643.1 7	0.06 3	5812.13	3 ⁻	4170.48	(3) ⁻
1662.15 16	0.28 5	6507.83	(4) ⁺	4845.61	(3) ⁻
1665.31 13	0.38 6	5835.66	(3 ⁻ ,4 ⁺)	4170.48	(3) ⁻
1669.0 5	0.070 25	5689.07	3 ⁺ ,4 ⁺	4019.70	(6) ⁻
1679.77 9	0.80 12	4414.10	(2) ⁺	2734.20	3 ⁻
^x 1683.29 22	0.17 4				

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$^{87}\text{Sr}(n,\gamma)$ E=thermal 1987Wi15 (continued) $\gamma(^{88}\text{Sr})$ (continued)

E_γ^\dagger	$I_\gamma^{\ddagger\ddagger}$	$E_i(\text{level})$	J_i^π	E_f	J_f^π
1687.25 11	0.42 7	3523.00	(2 ⁺)	1836.13	2 ⁺
^x 1691.7 4	0.08 3				
1694.7 4	0.07 3	6806.96	(4 ⁺)	5113.17	(2 ⁺ ,3)
1706.65 7	3.1 5	4440.85		2734.20	3 ⁻
1717.77 7	9.3 14	4452.07	(4 ⁺)	2734.20	3 ⁻
1723.48 15	0.25 4	5951.17	(4 ⁻)	4227.30	(3 ⁻)
1727.57 24	0.17 4	5996.33	4 ⁺	4268.78	(3 ⁻ ,4,5 ⁻)
1730.50 17	0.25 4	6806.96	(4 ⁺)	5076.71	
1736.51 [#] 8	1.96 [#] 15	5321.42	4 ⁺	3584.84	5 ⁻
1736.51 [#] 7	1.96 [#] 15	5689.07	3 ⁺ ,4 ⁺	3952.70	(4) ⁻
1742.74 24	0.14 3	6257.94	3 ⁺	4514.59	⁺
^x 1746.30 17	0.21 4				
^x 1754.76 21	0.15 3				
^x 1758.54 22	0.17 3				
1761.6 3	0.103 25	7573.29	(3,4 ⁺ ,2 ⁺)	5812.13	3 ⁻
1768.0 4	0.11 3	6612.82	2 ⁻ ,3 ⁻	4845.61	(3) ⁻
^x 1787.47 19	0.15 3				
1791.69 19	0.14 3	5010.72	(3,4 ⁺)	3218.52	2 ⁺
1799.10 7	4.6 7	3635.18	(3) ⁺	1836.13	2 ⁺
1806.22 25	0.107 24	6257.94	3 ⁺	4452.07	(4) ⁺
^x 1810.2 4	0.063 22				
^x 1823.1 3	0.070 21				
1836.03 7	125 20	1836.13	2 ⁺	0	0 ⁺
1857.0 4	0.10 3	6125.27		4268.78	(3 ⁻ ,4,5 ⁻)
1894.83 12	0.30 5	5113.17	(2 ⁺ ,3)	3218.52	2 ⁺
^x 1906.79 8	0.68 10				
1911.94 12	0.23 4	5951.17	(4 ⁻)	4039.12	(3) ⁺
1931.33 16	0.14 3	5951.17	(4 ⁻)	4019.70	(6) ⁻
^x 1942.65 16	0.133 24				
^x 1968.8 3	0.071 16				
1972.7 5	0.040 13	6011.22	(2 ⁺)	4039.12	(3) ⁺
1977.17 20	0.112 22	5996.33	4 ⁺	4019.70	(6) ⁻
1980.13 19	0.119 23	6249.35	(2 ⁻ ,3 ⁺)	4268.78	(3 ⁻ ,4,5 ⁻)
1998.46 9	0.44 7	5951.17	(4 ⁻)	3952.70	(4) ⁻
^x 2016.49 14	0.132 17				
2020.6 5	0.058 22	6249.35	(2 ⁻ ,3 ⁺)	4227.30	(3) ⁻
^x 2027.5 3	0.054 12				
2055.4 [#] 4	0.070 [#] 11	6507.83	(4 ⁺)	4452.07	(4) ⁺
2055.4 [#] 4	0.070 [#] 11	7573.29	(3,4 ⁺ ,2 ⁺)	5518.30	4 ⁺
^x 2059.19 12	0.147 18				
^x 2064.5 3	0.056 12				
2067.5 3	0.076 13	6507.83	(4 ⁺)	4440.85	
2070.5 3	0.067 12	6916.75	(3 ⁻ ,2 ⁺)	4845.61	(3) ⁻
^x 2076.37 16	0.124 16				
2079.4 3	0.065 12	6249.35	(2 ⁻ ,3 ⁺)	4170.48	(3) ⁻
^x 2083.22 10	0.183 21				
^x 2090.09 22	0.079 13				
2093.4 3	0.18 6	6507.83	(4 ⁺)	4414.10	(2) ⁺
2094.8 4	0.13 6	7207.95	(3,4 ⁺ ,2 ⁺)	5113.17	(2 ⁺ ,3)
2103.14 10	0.182 21	5321.42	4 ⁺	3218.52	2 ⁺
2111.39 6	3.2 3	4845.61	(3) ⁻	2734.20	3 ⁻
^x 2118.48 9	0.24 3				
2127.9 3	0.038 9	7138.93	(4 ⁺)	5010.72	(3,4 ⁺)
^x 2136.83 18	0.085 13				
^x 2140.93 9	0.220 24				

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$^{87}\text{Sr}(n,\gamma) \text{E=thermal}$ 1987Wi15 (continued) $\gamma(^{88}\text{Sr})$ (continued)

E_γ^\dagger	$I_\gamma^{\ddagger\ddagger}$	$E_i(\text{level})$	J_i^π	E_f	J_f^π
2145.72 20	0.18 3	7573.29	(3,4 ⁺ ,2 ⁺)	5427.82	(4 ⁻ ,5)
2147.6 4	0.10 3	7573.29	(3,4 ⁺ ,2 ⁺)	5424.76	(3 ⁻)
*2152.2 9	0.015 8				
*2159.73 20	0.126 19				
*2162.1 4	0.056 15				
2166.50 21	0.087 13	5689.07	3 ⁺ ,4 ⁺	3523.00	(2 ⁺)
2169.62 18	0.137 18	6583.77	(1 ⁻ ,2,3 ⁺)	4414.10	(2) ⁺
2172.51 10	0.228 25	6125.27		3952.70	(4) ⁻
2177.22 21	0.114 18	5812.13	3 ⁻	3635.18	(3) ⁺
*2179.54 17	0.131 19				
*2199.72 13	0.21 3				
2202.96 6	3.8 4	4039.12	(3) ⁺	1836.13	2 ⁺
2208.41 13	0.108 14	6507.83	(4 ⁺)	4299.71	4 ⁺
*2213.9 3	0.039 10				
*2220.41 22	0.086 14				
*2234.35 16	0.098 13				
2238.9 [#] 3	0.102 [#] 11	6257.94	3 ⁺	4019.70	(6) ⁻
2238.9 [#] 3	0.102 [#] 11	6507.83	(4 ⁺)	4268.78	(3 ⁻ ,4,5 ⁻)
2241.3 6	0.026 10	6692.52	(3 ⁺ ,2 ⁺)	4452.07	(4) ⁺
2250.72 11	0.137 16	5835.66	(3 ⁻ ,4 ⁺)	3584.84	5 ⁻
*2261.04 8	0.211 23				
2276.53 6	4.5 5	5010.72	(3,4 ⁺)	2734.20	3 ⁻
2297.4 6	0.029 11	6249.35	(2 ⁻ ,3 ⁺)	3952.70	(4) ⁻
2299.78 23	0.071 13	5518.30	4 ⁺	3218.52	2 ⁺
*2308.2 6	0.020 7				
2315.7 [#] 3	0.124 [#] 12	5951.17	(4 ⁻)	3635.18	(3) ⁺
2315.7 [#] 3	0.124 [#] 12	6583.77	(1 ⁻ ,2,3 ⁺)	4268.78	(3 ⁻ ,4,5 ⁻)
*2318.28 21	0.126 17				
*2320.82 21	0.083 13				
*2330.7 3	0.033 7				
2337.56 19	0.052 8	6507.83	(4 ⁺)	4170.48	(3) ⁻
2342.82 22	0.101 19	5076.71		2734.20	3 ⁻
*2344.83 25	0.092 18				
2349.21 20	0.052 8	5835.66	(3 ⁻ ,4 ⁺)	3486.58	1 ⁺
2358.21 7	0.44 5	5092.37	(4 ⁺)	2734.20	3 ⁻
2366.42 7	0.55 6	5951.17	(4 ⁻)	3584.84	5 ⁻
2377.9 4	0.024 6	5113.17	(2 ⁺ ,3)	2734.20	3 ⁻
*2384.71 20	0.054 8				
2391.16 6	5.0 5	4227.30	(3 ⁻)	1836.13	2 ⁺
*2396.12 12	0.124 14				
*2399.47 25	0.045 8				
*2412.14 12	0.094 11				
*2417.66 18	0.074 10				
*2420.65 13	0.114 14				
*2431.48 24	0.048 8				
*2445.75 18	0.061 9				
*2450.65 14	0.073 10				
*2456.49 9	0.148 16				
2463.62 6	1.48 15	4299.71	4 ⁺	1836.13	2 ⁺
2469.2 7	0.62 6	6507.83	(4 ⁺)	4039.12	(3) ⁺
2473.49 15	0.073 10	5996.33	4 ⁺	3523.00	(2 ⁺)
*2478.67 12	0.096 12				
*2487.33 18	0.063 9				
*2491.23 10	0.149 16				
*2495.07 15	0.075 10				

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$^{87}\text{Sr}(n,\gamma)$ E=thermal 1987Wi15 (continued) $\gamma(^{88}\text{Sr})$ (continued)

E_γ †	I_γ †‡	$E_i(\text{level})$	J_i^π	E_f	J_f^π
$^{2501.11}$ 11	0.105 12				
2509.49 17	0.055 8	5996.33	4 ⁺	3486.58	1 ⁺
$^{2514.75}$ 16	0.059 8				
$^{2520.06}$ 7	0.27 3				
$^{2529.59}$ 13	0.170 20				
$^{2533.49}$ 24	0.044 7				
$^{2542.06}$ 9	0.26 3				
2544.43 19	0.091 14	6583.77	(1 ⁻ ,2,3 ⁺)	4039.12	(3 ⁺) ⁺
$^{2556.14}$ 19	0.067 10				
$^{2559.07}$ 16	0.084 11				
$^{2566.39}$ 21	0.051 8				
$^{2570.11}$ 17	0.087 11				
2573.23 19	0.088 11	6612.82	2 ⁻ ,3 ⁻	4039.12	(3 ⁺) ⁺
2577.86 6	2.6 3	4414.10	(2 ⁺) ⁺	1836.13	2 ⁺
$^{2582.41}$ 11	0.110 12				
$^{2588.89}$ 7	0.34 3				
$^{2595.32}$ 11	0.101 11				
2602.3 3	0.030 6	6125.27		3523.00	(2 ⁺)
$^{2605.92}$ 24	0.041 7				
$^{2610.51}$ 16	0.060 8				
2615.91 10	0.122 13	4452.07	(4 ⁺) ⁺	1836.13	2 ⁺
$^{2621.7}$ 3	0.061 13				
$^{2632.25}$ 11	0.169 19				
$^{2634.77}$ 21	0.090 12				
$^{2644.39}$ 22	0.048 8				
2647.64 13	0.090 11	6916.75	(3 ⁻ ,2 ⁺)	4268.78	(3 ⁻ ,4,5 ⁻)
2660.22 8	0.160 17	6612.82	2 ⁻ ,3 ⁻	3952.70	(4 ⁻) ⁻
$^{2666.95}$ 20	0.048 7				
$^{2670.6}$ 4	0.022 5				
2678.38 9	0.43 5	4514.59	⁺	1836.13	2 ⁺
$^{2683.69}$ 11	0.084 10				
2690.68 8	0.24 3	5424.76	(3 ⁻)	2734.20	3 ⁻
2693.41# 13	0.108# 9	5427.82	(4 ⁻ ,5)	2734.20	3 ⁻
2693.41# 13	0.108# 9	7207.95	(3,4 ⁺ ,2 ⁺)	4514.59	⁺
$^{2699.04}$ 11	0.106 12				
$^{2702.45}$ 13	0.078 9				
$^{2710.18}$ 11	0.080 9				
$^{2730.43}$ 12	0.105 12				
2734.17 7	0.47 5	2734.20	3 ⁻	0	0 ⁺
$^{2738.31}$ 8	0.38 4				
$^{2741.55}$ 18	0.089 11				
$^{2745.03}$ 9	0.168 18				
$^{2750.37}$ 18	0.094 14				
$^{2755.18}$ 17	0.122 20				
$^{2760.53}$ 16	0.068 9				
2763.7 5	0.020 5	6249.35	(2 ⁻ ,3 ⁺)	3486.58	1 ⁺
2768.16 17	0.079 10	6806.96	(4 ⁺)	4039.12	(3 ⁺) ⁺
2770.9 4	0.027 7	6257.94	3 ⁺	3486.58	1 ⁺
$^{2775.50}$ 21	0.037 6				
$^{2781.5}$ 3	0.041 10				
2784.12 7	0.50 5	5518.30	4 ⁺	2734.20	3 ⁻
2793.96 22	0.034 6	7207.95	(3,4 ⁺ ,2 ⁺)	4414.10	(2 ⁺) ⁺
$^{2804.83}$ 7	0.47 5				
$^{2813.16}$ 12	0.135 17				
$^{2829.76}$ 10	0.105 12				
$^{2833.7}$ 6	0.025 8				

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$^{87}\text{Sr}(n,\gamma)$ E=thermal 1987Wi15 (continued) $\gamma(^{88}\text{Sr})$ (continued)

E_γ †	I_γ ‡	$E_i(\text{level})$	J_i^π	E_f	J_f^π
$^{x}2836.12$ 12	0.132 15				
$^{x}2852.74$ 10	0.136 15				
$^{x}2855.74$ 14	0.087 11				
$^{x}2871.80$ 8	0.244 25				
$^{x}2875.88$ 25	0.071 12				
$^{x}2884.52$ 9	0.116 12				
$^{x}2891.83$ 16	0.053 7				
$^{x}2902.45$ 8	0.177 18				
$^{x}2906.28$ 9	0.146 15				
$^{x}2912.91$ 20	0.036 6				
$^{x}2921.25$ 12	0.174 21				
$^{x}2923.63$ 9	0.25 3				
$^{x}2934.63$ 7	0.231 24				
$^{x}2940.14$ 10	0.102 11				
$^{x}2944.97$ 7	0.27 3				
2954.67 7	1.06 11	5689.07	3 ⁺ ,4 ⁺	2734.20	3 ⁻
$^{x}2972.2$ 3	0.043 8				
3009.42 8	5.7 3	4845.61	(3) ⁻	1836.13	2 ⁺
3030.84 21	0.084 12	6249.35	(2 ⁻ ,3 ⁺)	3218.52	2 ⁺
$^{x}3038.65$ 15	0.066 5				
$^{x}3044.48$ 8	0.75 4				
$^{x}3052.70$ 15	0.097 8				
$^{x}3055.5$ 3	0.038 6				
$^{x}3065.26$ 13	0.099 7				
$^{x}3072.90$ 9	0.213 12				
3077.94 9	0.259 14	5812.13	3 ⁻	2734.20	3 ⁻
$^{x}3082.95$ 15	0.125 11				
$^{x}3085.71$ 16	0.212 15				
$^{x}3088.10$ 12	0.204 16				
3097.15 22	0.055 7	6583.77	(1 ⁻ ,2,3 ⁺)	3486.58	1 ⁺
3099.76 20	0.063 8	7138.93	(4 ⁺)	4039.12	(3) ⁺
$^{x}3111.1$ 7	0.010 4				
$^{x}3119.98$ 15	0.073 6				
3125.4 3	0.088 21	6612.82	2 ⁻ ,3 ⁻	3486.58	1 ⁺
$^{x}3127.15$ 3	0.081 21				
$^{x}3136.70$ 9	0.300 16				
$^{x}3146.70$ 3	0.023 4				
$^{x}3151.65$ 10	0.133 8				
3158.84 13	0.093 7	7573.29	(3,4 ⁺ ,2 ⁺)	4414.10	(2) ⁺
$^{x}3162.0$ 3	0.035 5				
$^{x}3167.60$ 15	0.081 7				
$^{x}3170.38$ 23	0.049 6				
$^{x}3179.44$ 13	0.072 6				
$^{x}3183.80$ 19	0.067 6				
$^{x}3186.77$ 17	0.080 7				
$^{x}3191.11$ 9	0.248 13				
$^{x}3200.69$ 16	0.047 4				
3205.42 21	0.033 4	6692.52	(3 ⁺ ,2 ⁺)	3486.58	1 ⁺
$^{x}3211.77$ 10	0.125 7				
3218.48 9	0.61 3	3218.52	2 ⁺	0	0 ⁺
3222.14 11	0.147 9	6806.96	(4 ⁺)	3584.84	5 ⁻
$^{x}3226.38$ 15	0.059 5				
$^{x}3243.33$ 17	0.058 5				
$^{x}3246.90$ 22	0.074 7				
$^{x}3249.76$ 13	0.129 9				
$^{x}3254.38$ 23	0.095 15				
3256.44 21	0.105 15	5092.37	(4 ⁺)	1836.13	2 ⁺

Continued on next page (footnotes at end of table)

$^{87}\text{Sr}(n,\gamma)$ E=thermal 1987Wi15 (continued) $\gamma(^{88}\text{Sr})$ (continued)

E_γ^\dagger	I_γ^\ddagger	$E_i(\text{level})$	J_i^π	E_f	J_f^π
$^{x}3261.13$ 25	0.096 22				
$^{x}3262.84$ 3	0.085 22				
$^{x}3271.4$ 1	0.165 9				
3276.88 9	0.447 23	5113.17	(2 ⁺ ,3)	1836.13	2 ⁺
$^{x}3282.30$ 21	0.034 4				
$^{x}3287.43$ 11	0.149 9				
$^{x}3290.89$ 18	0.063 5				
$^{x}3294.78$ 16	0.058 5				
$^{x}3299.11$ 21	0.034 4				
$^{x}3305.13$ 11	0.129 8				
$^{x}3308.1$ 3	0.032 5				
$^{x}3318.31$ 20	0.057 6				
$^{x}3321.13$ 10	0.195 12				
$^{x}3338.7$ 1	0.294 16				
$^{x}3341.52$ 15	0.095 8				
$^{x}3347.9$ 4	0.033 8				
$^{x}3355.97$ 12	0.110 7				
$^{x}3359.44$ 14	0.075 5				
$^{x}3369.99$ 12	0.116 8				
$^{x}3373.5$ 1	0.384 20				
$^{x}3377.22$ 15	0.130 9				
$^{x}3380.11$ 12	0.141 9				
3391.03 9	0.442 23	6125.27		2734.20	3 ⁻
$^{x}3396.4$ 4	0.028 5				
$^{x}3399.36$ 12	0.129 8				
$^{x}3417.3$ 1	0.216 12				
$^{x}3421.79$ 21	0.040 4				
$^{x}3426.77$ 10	0.53 4				
$^{x}3439.60$ 22	0.060 5				
$^{x}3442.8$ 3	0.031 5				
$^{x}3449.56$ 11	0.282 19				
$^{x}3452.05$ 23	0.139 12				
$^{x}3454.83$ 10	0.283 17				
$^{x}3462.24$ 11	0.168 10				
$^{x}3475.73$ 11	0.139 8				
$^{x}3479.77$ 12	0.086 6				
3486.56 9	0.51 3	3486.58	1 ⁺	0	0 ⁺
$^{x}3494.20$ 12	0.068 5				
$^{x}3504.57$ 15	0.070 5				
3523.20 13	0.273 25	3523.00	(2 ⁺)	0	0 ⁺
$^{x}3525.06$ 13	0.268 25				
$^{x}3532.50$ 14	0.073 5				
$^{x}3536.81$ 18	0.138 15				
3539.23 10	0.51 3	(11112.70)	4 ⁺ ,5 ⁺	7573.29	(3,4 ⁺ ,2 ⁺)
$^{x}3543.1$ 1	0.241 13				
$^{x}3549.46$ 15	0.056 4				
3554.02 10	0.144 8	7138.93	(4 ⁺)	3584.84	5 ⁻
$^{x}3559.4$ 3	0.075 18				
$^{x}3565.26$ 10	0.183 10				
$^{x}3571.3$ 3	0.022 4				
$^{x}3580.13$ 15	0.062 5				
$^{x}3601.1$ 8	0.034 16				
$^{x}3611.9$ 1	0.243 13				
3616.17 17	0.052 4	7138.93	(4 ⁺)	3523.00	(2 ⁺)
$^{x}3621.3$ 1	0.200 11				
$^{x}3637.1$ 5	0.021 6				
$^{x}3643.31$ 24	0.024 3				

Continued on next page (footnotes at end of table)

$^{87}\text{Sr}(n,\gamma)$ E=thermal 1987Wi15 (continued) $\gamma(^{88}\text{Sr})$ (continued)

E_γ [†]	I_γ [‡]	$E_i(\text{level})$	J_i^π	E_f	J_f^π
^x 3648.88 25	0.023 3				
^x 3654.96 10	0.238 13				
^x 3662.34 10	0.186 10				
^x 3671.44 11	0.108 7				
^x 3688.12 11	0.206 12				
^x 3694.13 13	0.081 7				
^x 3699.71 20	0.039 7				
^x 3704.89 10	0.267 14				
^x 3716.37 10	0.171 9				
^x 3722.82 10	0.164 9				
^x 3730.80 10	0.145 8				
^x 3741.20 11	0.152 9				
^x 3746.38 11	0.133 8				
^x 3750.3 3	0.030 4				
^x 3754.61 12	0.090 6				
^x 3760.8 4	0.026 5				
^x 3764.3 5	0.048 13				
^x 3766.6 3	0.094 13				
^x 3770.29 19	0.100 8				
3773.38 10	0.349 19	6507.83	(4 ⁺)	2734.20	3 ⁻
^x 3781.13 4	0.013 4				
^x 3787.05 22	0.049 6				
^x 3789.88 22	0.050 6				
^x 3795.98 17	0.038 4				
^x 3802.4 3	0.030 5				
^x 3806.11 11	0.162 9				
^x 3810.12 18	0.051 5				
^x 3814.92 14	0.056 5				
^x 3828.65 23	0.138 12				
^x 3831.72 12	0.177 11				
^x 3838.73 22	0.047 5				
^x 3841.79 12	0.146 9				
3849.53 11	0.125 7	6583.77	(1 ⁻ ,2,3 ⁺)	2734.20	3 ⁻
^x 3857.66 11	0.136 8				
^x 3864.46 18	0.22 4				
^x 3866.0 4	0.09 4				
^x 3873.55 13	0.068 5				
^x 3881.1 1	0.399 21				
^x 3888.23 10	0.350 18				
^x 3895.02 10	0.276 14				
3904.58 10	0.432 22	(11112.70)	4 ⁺ ,5 ⁺	7207.95	(3,4 ⁺ ,2 ⁺)
^x 3912.65 11	0.123 7				
^x 3924.63 19	0.030 3				
^x 3940.74 13	0.053 4				
3958.36 11	0.120 7	6692.52	(3 ⁺ ,2 ⁺)	2734.20	3 ⁻
^x 3962.35 13	0.088 6				
^x 3969.35 13	0.091 6				
3973.82 14	0.30 3	(11112.70)	4 ⁺ ,5 ⁺	7138.93	(4 ⁺)
^x 3975.66 14	0.29 3	5812.13	3 ⁻	1836.13	2 ⁺
^x 3985.15 25	0.036 4				
3989.11 12	0.108 6	7207.95	(3,4 ⁺ ,2 ⁺)	3218.52	2 ⁺
^x 3997.53 15	0.162 16				
3999.64 20	0.099 14	5835.66	(3 ⁻ ,4 ⁺)	1836.13	2 ⁺
^x 4005.20 16	0.042 3				
^x 4014.48 11	0.130 7				
^x 4021.19 10	0.55 3				
^x 4027.76 13	0.098 6				

Continued on next page (footnotes at end of table)

$^{87}\text{Sr}(n,\gamma) \text{ E=thermal}$ 1987Wi15 (continued) $\gamma(^{88}\text{Sr})$ (continued)

E_γ^\dagger	I_γ^{\ddagger}	$E_i(\text{level})$	J_i^π	E_f	J_f^π
$^{x}4031.34$ 18	0.082 6				
$^{x}4035.43$ 10	0.89 5				
$^{x}4058.64$ 12	0.127 7				
4072.41 16	0.055 4	6806.96	(4 ⁺)	2734.20	3 ⁻
$^{x}4076.89$ 10	0.457 23				
$^{x}4090.38$ 11	0.176 9				
$^{x}4101.50$ 13	0.110 7				
$^{x}4104.59$ 11	0.210 12				
$^{x}4111.26$ 14	0.051 4				
$^{x}4123.49$ 15	0.055 4				
$^{x}4128.30$ 22	0.055 6				
$^{x}4131.02$ 21	0.053 6				
$^{x}4138.0$ 3	0.018 3				
$^{x}4150.88$ 11	0.189 10				
$^{x}4155.00$ 10	0.456 23				
4160.00 11	0.221 12	5996.33	4 ⁺	1836.13	2 ⁺
4170.71 20	0.042 4	4170.48	(3 ⁻)	0	0 ⁺
4174.89 10	0.459 23	6011.22	(2 ⁺)	1836.13	2 ⁺
4182.52 18	0.032 3	6916.75	(3 ⁻ ,2 ⁺)	2734.20	3 ⁻
$^{x}4189.09$ 16	0.042 3				
4195.61 10	0.247 13	(11112.70)	4 ⁺ ,5 ⁺	6916.75	(3 ⁻ ,2 ⁺)
$^{x}4202.51$ 22	0.030 3				
$^{x}4206.61$ 25	0.026 3				
$^{x}4216.53$ 18	0.033 3				
$^{x}4223.28$ 22	0.041 4				
$^{x}4226.77$ 12	0.125 7				
$^{x}4238.98$ 12	0.071 4				
$^{x}4249.06$ 11	0.110 6				
$^{x}4254.78$ 19	0.034 3				
$^{x}4260.3$ 22	0.008 15				
$^{x}4262.3$ 4	0.051 15				
$^{x}4273.07$ 14	0.082 6				
$^{x}4276.27$ 12	0.128 8				
$^{x}4288.33$ 11	0.100 6				
$^{x}4295.5$ 3	0.036 5				
$^{x}4303.5$ 3	0.052 11				
4305.95 11	0.365 22	(11112.70)	4 ⁺ ,5 ⁺	6806.96	(4 ⁺)
$^{x}4315.2$ 3	0.034 6				
$^{x}4318.09$ 13	0.175 10				
$^{x}4323.26$ 10	0.500 25				
$^{x}4333.2$ 4	0.011 2				
$^{x}4341.03$ 15	0.038 3				
$^{x}4348.13$ 12	0.164 10				
$^{x}4351.01$ 15	0.094 7				
$^{x}4362.94$ 18	0.032 3				
$^{x}4371.61$ 18	0.034 3				
$^{x}4378.2$ 4	0.028 7				
$^{x}4380.7$ 3	0.033 7				
$^{x}4389.34$ 24	0.036 4				
$^{x}4392.72$ 14	0.090 6				
4404.62 20	0.030 3	7138.93	(4 ⁺)	2734.20	3 ⁻
$^{x}4410.09$ 22	0.050 5				
4413.7 [#] 3	0.182 [#] 14	4414.10	(2 ⁺)	0	0 ⁺
4413.7 [#] 3	0.182 [#] 14	6249.35	(2 ⁻ ,3 ⁺)	1836.13	2 ⁺
$^{x}4416.17$ 13	0.333 21				
4420.09 11	0.322 17	(11112.70)	4 ⁺ ,5 ⁺	6692.52	(3 ⁺ ,2 ⁺)

Continued on next page (footnotes at end of table)

$^{87}\text{Sr}(n,\gamma)$ E=thermal 1987Wi15 (continued) $\gamma(^{88}\text{Sr})$ (continued)

E_γ^\dagger	I_γ^{\ddagger}	$E_i(\text{level})$	J_i^π	E_f	J_f^π
$^{x}4427.51$ 11	0.208 11				
$^{x}4430.9$ 6	0.013 4				
$^{x}4438.4$ 6	0.028 13				
$^{x}4454.8$ 3	0.021 3				
$^{x}4464.04$ 13	0.101 6				
$^{x}4469.17$ 12	0.130 7				
$^{x}4474.5$ 3	0.080 14				
$^{x}4476.9$ 6	0.060 10				
$^{x}4480.0$ 3	0.098 9				
$^{x}4483.1$ 3	0.043 6				
$^{x}4492.99$ 23	0.095 16				
$^{x}4495.13$ 21	0.128 16				
4499.84 11	0.491 25	(11112.70)	$4^+,5^+$	6612.82	$2^-,3^-$
$^{x}4505.3$ 3	0.034 4				
$^{x}4511.9$ 3	0.043 6				
$^{x}4517.1$ 5	0.021 4				
$^{x}4520.4$ 3	0.045 4				
4528.77 11	0.62 3	(11112.70)	$4^+,5^+$	6583.77	$(1^-,2,3^+)$
$^{x}4535.22$ 13	0.075 5				
$^{x}4543.87$ 16	0.052 4				
$^{x}4552.31$ 11	0.368 19				
$^{x}4559.8$ 3	0.014 3				
$^{x}4571.6$ 4	0.022 5				
$^{x}4574.6$ 3	0.038 5				
$^{x}4582.91$ 11	0.62 3				
$^{x}4590.88$ 14	0.055 4				
$^{x}4597.17$ 24	0.026 3				
4604.83 11	1.78 9	(11112.70)	$4^+,5^+$	6507.83	(4^+)
$^{x}4611.73$ 14	0.075 5				
$^{x}4621.7$ 4	0.016 2				
$^{x}4635.29$ 11	0.55 3				
$^{x}4641.10$ 15	0.058 4				
$^{x}4645.96$ 17	0.046 3				
$^{x}4661.0$ 4	0.011 3				
$^{x}4670.86$ 12	0.146 8				
$^{x}4677.07$ 23	0.077 11				
$^{x}4679.39$ 20	0.090 11				
$^{x}4686.1$ 3	0.024 3				
$^{x}4690.08$ 19	0.045 4				
$^{x}4701.22$ 15	0.045 3				
$^{x}4709.2$ 5	0.010 2				
$^{x}4716.70$ 17	0.038 3				
$^{x}4723.54$ 12	0.101 6				
$^{x}4733.0$ 6	0.011 2				
$^{x}4743.13$ 17	0.050 4				
4747.32 12	0.121 7	6583.77	$(1^-,2,3^+)$	1836.13	2^+
$^{x}4757.46$ 12	0.101 6				
$^{x}4766.30$ 18	0.050 4				
$^{x}4770.28$ 15	0.126 7				
$^{x}4773.65$ 19	0.057 5				
$^{x}4791.25$ 12	0.175 9				
$^{x}4798.16$ 12	0.149 8				
$^{x}4807.10$ 14	0.060 4				
$^{x}4819.9$ 4	0.013 2				
$^{x}4836.8$ 3	0.037 5				
4839.7 5	0.021 5	7573.29	$(3,4^+,2^+)$	2734.20	3^-
4845.19 18	0.034 3	4845.61	$(3)^-$	0	0^+

Continued on next page (footnotes at end of table)

$^{87}\text{Sr}(n,\gamma)$ E=thermal 1987Wi15 (continued) $\gamma(^{88}\text{Sr})$ (continued)

E_γ [†]	I_γ [‡]	$E_i(\text{level})$	J_i^π	E_f	J_f^π
4854.63 11	0.368 19	(11112.70)	4 ⁺ ,5 ⁺	6257.94	3 ⁺
^x 4865.2 3	0.018 2				
^x 4884.86 23	0.023 3				
^x 4893.7 4	0.039 10				
^x 4896.0 3	0.054 10				
^x 4956.17 20	0.048 5				
^x 4960.7 6	0.013 4				
4970.82 25	0.027 4	6806.96	(4 ⁺)	1836.13	2 ⁺
4987.33 11	0.90 5	(11112.70)	4 ⁺ ,5 ⁺	6125.27	
^x 5000.43 17	0.068 5				
^x 5004.2 4	0.021 4				
^x 5014.22 18	0.046 4				
^x 5039.3 7	0.007 2				
^x 5050.33 14	0.059 4				
^x 5057.20 15	0.050 3				
^x 5075.58 15	0.29 3				
^x 5077.31 23	0.14 3				
^x 5088.80 21	0.025 2				
5101.22 12	0.348 18	(11112.70)	4 ⁺ ,5 ⁺	6011.22	(2 ⁺)
^x 5108.29 16	0.043 3				
5116.24 12	0.310 16	(11112.70)	4 ⁺ ,5 ⁺	5996.33	4 ⁺
^x 5124.23 18	0.034 3				
^x 5132.1 3	0.013 2				
^x 5142.0 3	0.018 3				
5161.33 12	1.55 8	(11112.70)	4 ⁺ ,5 ⁺	5951.17	(4 ⁻)
^x 5168.99 13	0.078 5				
^x 5186.85 17	0.039 3				
^x 5210.1 6	0.009 2				
^x 5218.0 8	0.006 2				
^x 5226.8 6	0.007 2				
^x 5240.48 12	0.390 20				
^x 5252.77 16	0.119 8				
^x 5255.71 17	0.092 7				
5277.01 12	0.75 4	(11112.70)	4 ⁺ ,5 ⁺	5835.66	(3 ⁻ ,4 ⁺)
^x 5288.1 13	0.003 2				
5300.34 13	0.58 3	(11112.70)	4 ⁺ ,5 ⁺	5812.13	3 ⁻
5302.61 16	0.202 20	7138.93	(4 ⁺)	1836.13	2 ⁺
^x 5314.03 17	0.039 3				
^x 5333.3 5	0.009 2				
^x 5339.5 3	0.017 2				
5371.59 14	0.080 5	7207.95	(3,4 ⁺ ,2 ⁺)	1836.13	2 ⁺
^x 5380.62 14	0.087 5				
^x 5386.54 12	0.432 22				
^x 5394.91 12	0.411 21				
^x 5405.1 4	0.013 3				
^x 5411.88 14	0.074 5				
^x 5418.60 15	0.097 6				
5423.58 12	1.63 8	(11112.70)	4 ⁺ ,5 ⁺	5689.07	3 ⁺ ,4 ⁺
^x 5433.40 16	0.064 4				
^x 5437.64 19	0.043 4				
^x 5448.1 3	0.018 3				
^x 5456.64 19	0.041 3				
^x 5461.1 3	0.019 3				
^x 5472.05 15	0.057 4				
^x 5493.35 15	0.061 4				
^x 5502.9 4	0.012 2				
^x 5525.85 25	0.028 3				

Continued on next page (footnotes at end of table)

$^{87}\text{Sr}(n,\gamma)$ E=thermal 1987Wi15 (continued) $\gamma(^{88}\text{Sr})$ (continued)

E_γ^\dagger	I_γ^{\ddagger}	$E_i(\text{level})$	J_i^π	E_f	J_f^π
$^{x}5530.34$ 15	0.102 6				
$^{x}5535.18$ 13	0.162 9				
$^{x}5545.61$ 19	0.036 3				
$^{x}5551.0$ 3	0.016 2				
$^{x}5559.1$ 7	0.013 5				
$^{x}5575.76$ 19	0.036 3				
$^{x}5582.5$ 4	0.061 18				
5594.21 13	0.366 19	(11112.70)	4 ⁺ ,5 ⁺	5518.30	4 ⁺
$^{x}5613.4$ 3	0.018 2				
$^{x}5621.0$ 4	0.013 2				
$^{x}5632.2$ 3	0.020 2				
$^{x}5648.5$ 4	0.010 2				
$^{x}5664.41$ 13	0.135 7				
$^{x}5676.4$ 4	0.016 2				
5684.76 13	1.39 7	(11112.70)	4 ⁺ ,5 ⁺	5427.82	(4 ⁻ ,5)
5687.63 14	0.387 23	(11112.70)	4 ⁺ ,5 ⁺	5424.76	(3 ⁻)
$^{x}5702.82$ 17	0.047 3				
5736.55 19	0.092 9	7573.29	(3,4 ⁺ ,2 ⁺)	1836.13	2 ⁺
$^{x}5748.2$ 8	0.007 2				
$^{x}5753.1$ 4	0.017 2				
$^{x}5766.6$ 5	0.009 3				
5790.84 13	2.15 11	(11112.70)	4 ⁺ ,5 ⁺	5321.42	4 ⁺
$^{x}5805.8$ 4	0.015 3				
5811.79 15	0.069 4	5812.13	3 ⁻	0	0 ⁺
$^{x}5817.8$ 6	0.009 2				
$^{x}5835.79$ 15	0.066 4				
$^{x}5849.43$ 13	0.339 17				
$^{x}5858.54$ 24	0.023 2				
$^{x}5890.7$ 3	0.017 2				
$^{x}5915.5$ 5	0.009 2				
$^{x}5922.56$ 18	0.043 3				
$^{x}5955.74$ 14	0.098 5				
$^{x}5990.21$ 22	0.030 3				
5999.28 13	1.21 6	(11112.70)	4 ⁺ ,5 ⁺	5113.17	(2 ⁺ ,3)
$^{x}6012.99$ 19	0.041 4				
6019.9 3	0.022 3	(11112.70)	4 ⁺ ,5 ⁺	5092.37	(4 ⁺)
$^{x}6026.82$ 21	0.032 3				
$^{x}6042.9$ 3	0.020 3				
$^{x}6050.68$ 25	0.025 3				
$^{x}6060.05$ 24	0.025 3				
6101.72 13	5.4 3	(11112.70)	4 ⁺ ,5 ⁺	5010.72	(3,4 ⁺)
$^{x}6123.56$ 21	0.041 4				
$^{x}6145.0$ 4	0.023 3				
$^{x}6149.41$ 21	0.053 4				
$^{x}6178.7$ 5	0.013 2				
$^{x}6189.03$ 16	0.100 6				
$^{x}6218.57$ 24	0.029 3				
$^{x}6224.18$ 22	0.035 3				
$^{x}6231.86$ 14	0.201 11				
6266.90 14	8.8 4	(11112.70)	4 ⁺ ,5 ⁺	4845.61	(3) ⁻
$^{x}6282.37$ 16	0.087 6				
$^{x}6306.2$ 6	0.010 3				
$^{x}6342.17$ 14	0.151 8				
$^{x}6362.26$ 19	0.062 4				
$^{x}6366.5$ 6	0.015 3				
$^{x}6371.74$ 23	0.033 3				
$^{x}6402.0$ 4	0.027 4				

Continued on next page (footnotes at end of table)

$^{87}\text{Sr}(n,\gamma)$ E=thermal 1987Wi15 (continued) $\gamma(^{88}\text{Sr})$ (continued)

E_γ^\dagger	$I_\gamma^{\ddagger\#}$	$E_i(\text{level})$	J_i^π	E_f	J_f^π
^x 6405.81 17	0.090 6				
^x 6429.7 3	0.016 2				
^x 6445.7 4	0.013 2				
^x 6471.77 16	0.062 4				
^x 6484.7 6	0.013 3				
^x 6514.8 3	0.016 2				
^x 6522.8 7	0.007 2				
^x 6533.1 6	0.008 2				
^x 6572.1 4	0.012 2				
^x 6580.5 7	0.007 2				
^x 6608.3 3	0.022 3				
6660.40 14	7.1 4	(11112.70)	4 ⁺ ,5 ⁺	4452.07 (4) ⁺	
6671.53 14	1.47 7	(11112.70)	4 ⁺ ,5 ⁺	4440.85	
6698.34 14	1.38 7	(11112.70)	4 ⁺ ,5 ⁺	4414.10 (2) ⁺	
^x 6758.6 6	0.009 2				
^x 6784.9 3	0.018 2				
^x 6804.0 3	0.022 3				
6812.73 15	0.263 14	(11112.70)	4 ⁺ ,5 ⁺	4299.71 4 ⁺	
^x 6826.5 4	0.012 2				
6843.69 15	1.06 5	(11112.70)	4 ⁺ ,5 ⁺	4268.78 (3 ⁻ ,4,5 ⁻)	
6885.12 15	5.3 3	(11112.70)	4 ⁺ ,5 ⁺	4227.30 (3 ⁻)	
6915.6 7	0.009 2	6916.75	(3 ⁻ ,2 ⁺)	0 0 ⁺	
6941.85 15	5.5 3	(11112.70)	4 ⁺ ,5 ⁺	4170.48 (3 ⁻)	
^x 7035.1 4	0.011 2				
7073.3 3	0.051 6	(11112.70)	4 ⁺ ,5 ⁺	4039.12 (3) ⁺	
^x 7076.5 3	0.050 6				
^x 7090.4 3	0.017 2				
7159.66 16	0.326 17	(11112.70)	4 ⁺ ,5 ⁺	3952.70 (4) ⁻	
^x 7439.8 6	0.008 2				
^x 7448.3 9	0.006 3				
7477.12 16	0.85 4	(11112.70)	4 ⁺ ,5 ⁺	3635.18 (3) ⁺	
7527.51 16	7.8 4	(11112.70)	4 ⁺ ,5 ⁺	3584.84 5 ⁻	
^x 7820.4 5	0.007 1				
7893.80 18	0.050 3	(11112.70)	4 ⁺ ,5 ⁺	3218.52 2 ⁺	
8378.11 18	2.22 11	(11112.70)	4 ⁺ ,5 ⁺	2734.20 3 ⁻	
9275.9 3	0.025 5	(11112.70)	4 ⁺ ,5 ⁺	1836.13 2 ⁺	

[†] From 1987Wi15. Uncertainties represent systematic and statistical added in quadrature.

[‡] Intensity per 100 neutron captures.

[#] Multiply placed with undivided intensity.

^x γ ray not placed in level scheme.

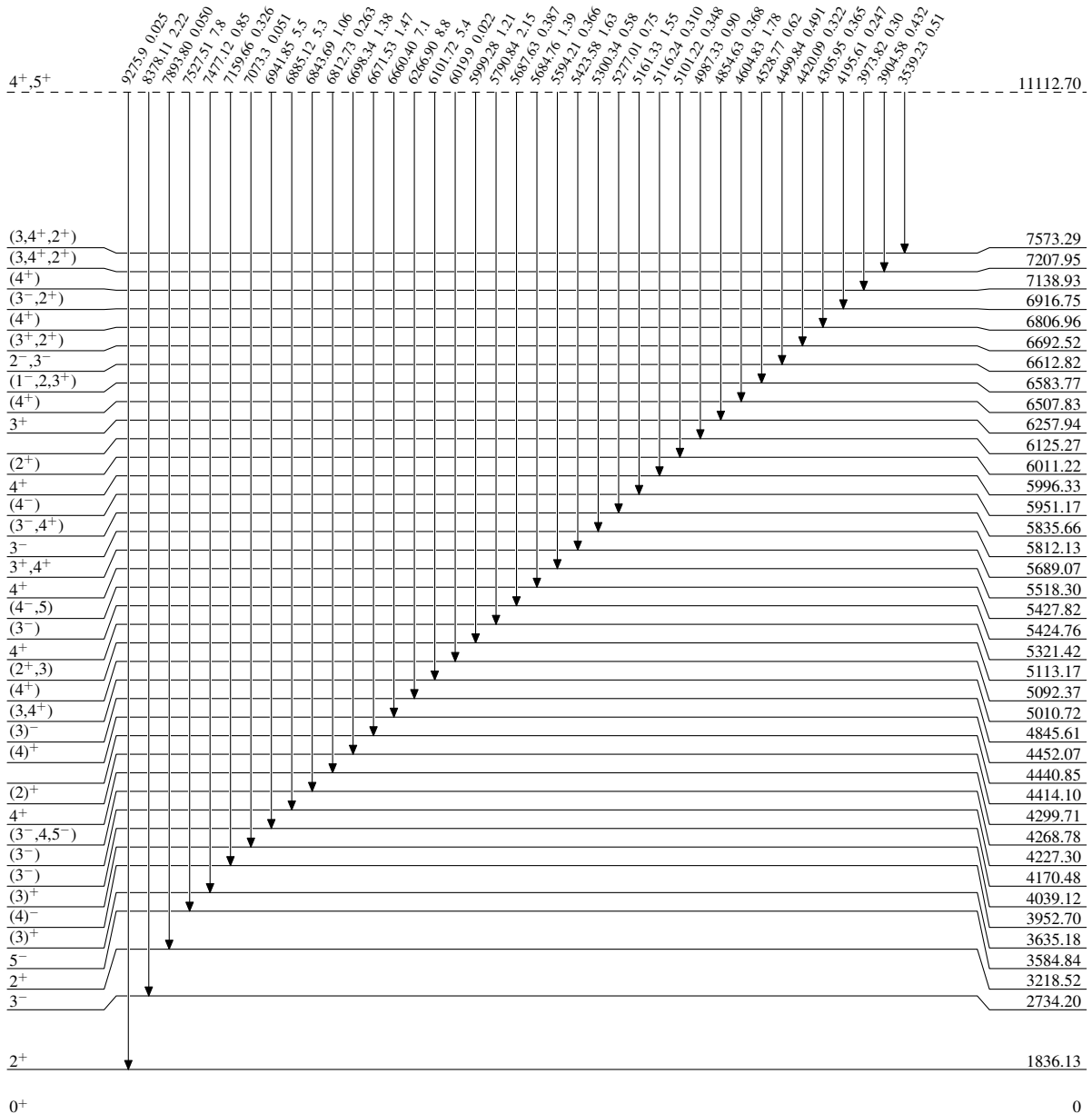
⁸⁷Sr(n,γ) E=thermal 1987Wi15

Level Scheme

Intensities: I_γ per 100 neutron captures

Legend

- I_γ < 2% × I_γ^{max}
- I_γ < 10% × I_γ^{max}
- I_γ > 10% × I_γ^{max}



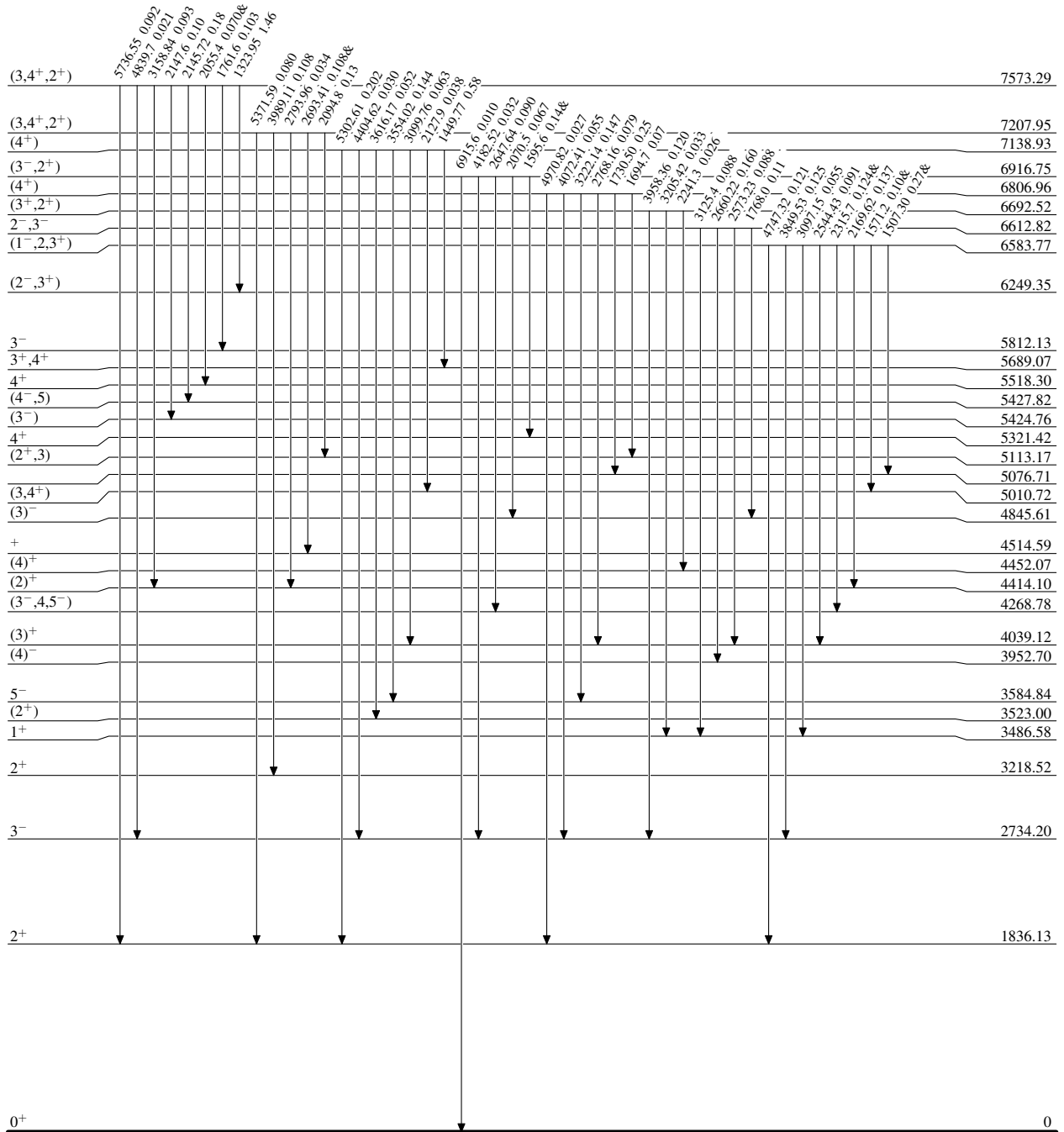
⁸⁷Sr(n,γ) E=thermal 1987Wi15

Level Scheme (continued)

Intensities: I_γ per 100 neutron captures
& Multiply placed: undivided intensity given

Legend

- I_γ < 2% × I_γ^{max}
- I_γ < 10% × I_γ^{max}
- I_γ > 10% × I_γ^{max}



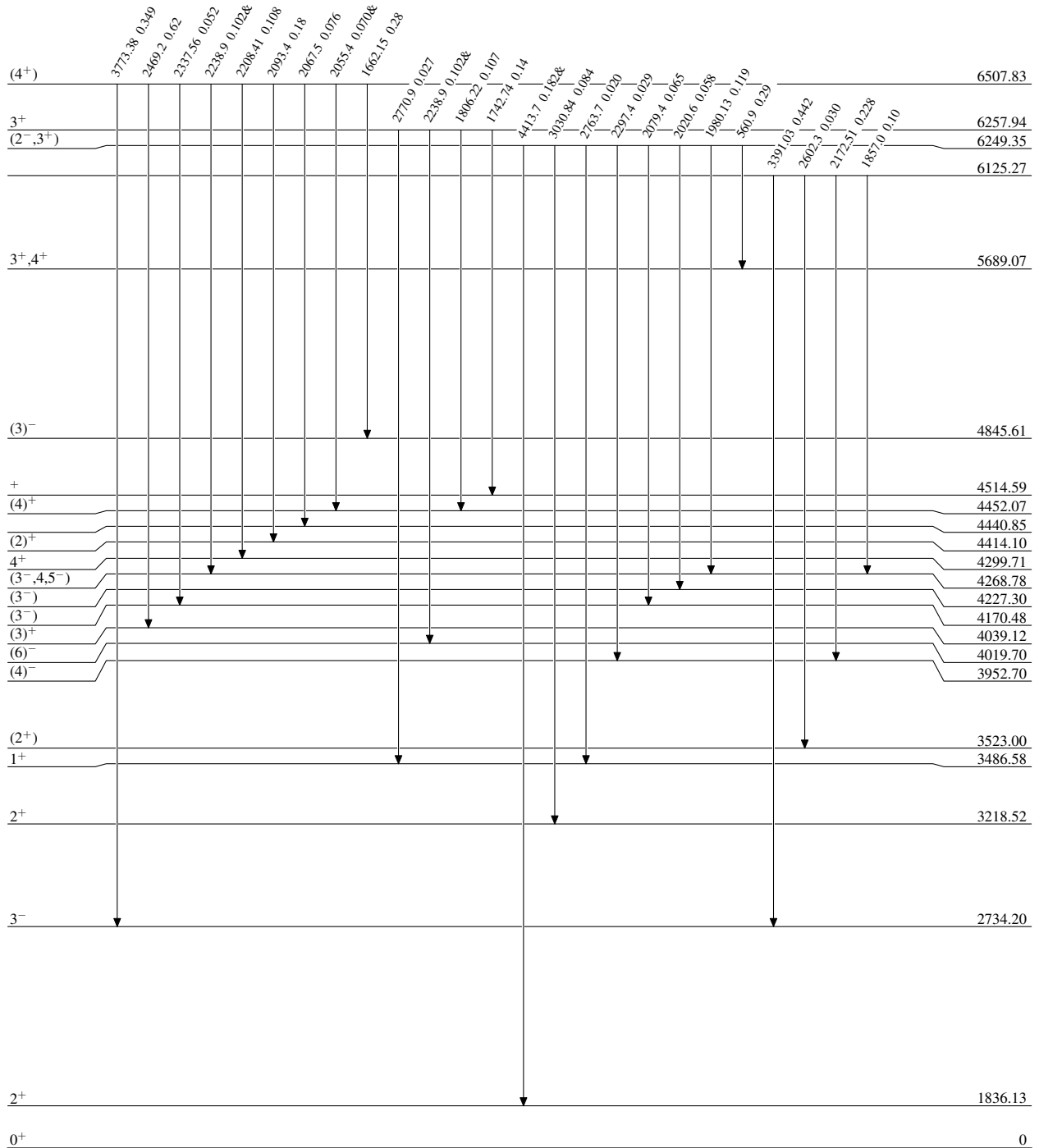
⁸⁷Sr(n,γ) E=thermal 1987Wi15

Level Scheme (continued)

Intensities: I_γ per 100 neutron captures
& Multiply placed: undivided intensity given

Legend

- I_γ < 2% × I_γ^{max}
- I_γ < 10% × I_γ^{max}
- I_γ > 10% × I_γ^{max}



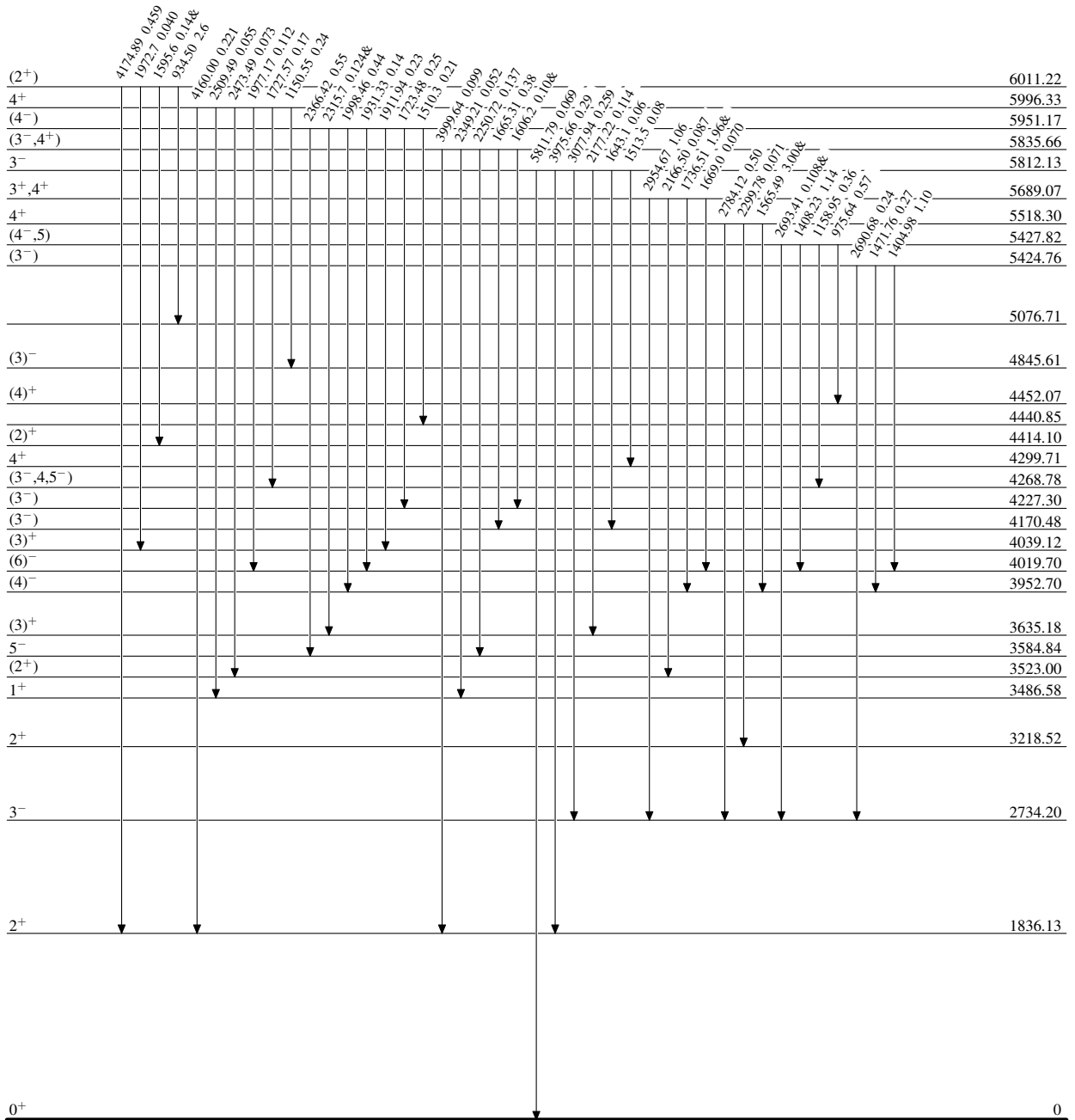
$^{87}\text{Sr}(n,\gamma) E=\text{thermal}$ 1987Wi15

Level Scheme (continued)

Intensities: I_γ per 100 neutron captures
& Multiply placed: undivided intensity given

Legend

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



$^{88}_{38}\text{Sr}_{50}$

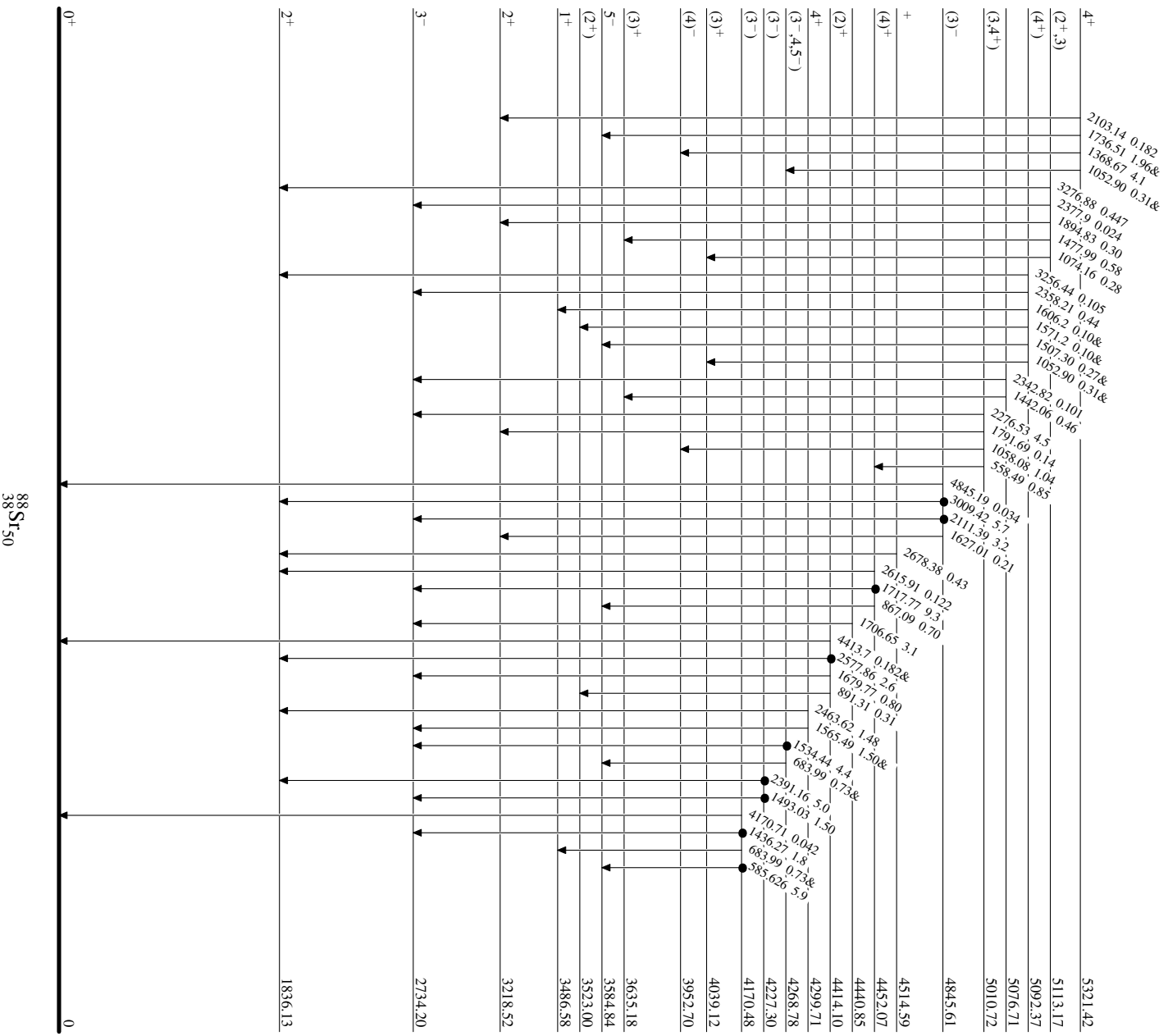
⁸⁷Sr(n,γ)E=thermal 1987W115

Level Scheme (continued)

Intensities: I_γ per 100 neutron captures
& Multiply placed: undivided intensity given

Legend

- I_γ < 2% × I_{max}
- I_γ < 10% × I_{max}
- I_γ > 10% × I_{max}
- Coincidence







$^{87}\text{Sr}(n,\gamma) E=\text{thermal}$ 1987Wi15

Level Scheme (continued)

Intensities: I_γ per 100 neutron captures
& Multiply placed: undivided intensity given

Legend

-  $I_\gamma < 2\% \times I_\gamma^{\text{max}}$
-  $I_\gamma < 10\% \times I_\gamma^{\text{max}}$
-  $I_\gamma > 10\% \times I_\gamma^{\text{max}}$
-  Coincidence

