

$^{95}\text{Sr} \beta^-$  decay    1981PfZZ, 1974He03

Type	Author	History	Citation	Literature Cutoff Date
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Parent:  $^{95}\text{Sr}$ : E=0.0;  $J^\pi=1/2^+$ ;  $T_{1/2}=23.90$  s 14;  $Q(\beta^-)=6090$  7; % $\beta^-$  decay=100.0

1974He03: measured  $\gamma$ 's,  $\gamma\gamma$ -coincidences, and  $\gamma(t)$ ; Ge(Li).

1981PfZZ: measured  $\gamma$ 's, ce's,  $\gamma\gamma$ -coin, and  $\beta$ -ce delayed coin; Ge(Li), HPGe, and Si(Li).

1996Gr20, 1997Gr09: measured ground state  $\beta^-$  branching intensity as well as  $\beta^-$  decay intensity distribution for  $^{95}\text{Sr}$  and several other fission product nuclides using total absorption gamma ray spectrometer (TAGS).

The decay scheme is from 1981PfZZ.  $\approx$ 90% of the  $\gamma$  activity was placed.

$\alpha$ : Additional information 1.

 $^{95}\text{Y}$  Levels

E(level)	$J^\pi$ <sup>†</sup>	$T_{1/2}$ <sup>‡</sup>	E(level)	$J^\pi$ <sup>†</sup>
0.0	$1/2^-$		3352.9 5	(3/2)
685.8 3	$3/2^-$		3391.8 5	(3/2)
826.9 4	$5/2^-$		3507.4 7	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )
1087.5 7	$9/2^+$		3576.6 5	(3/2 <sup>+</sup> )
1630.9 6	(5/2 <sup>-</sup> )		3616.1 5	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )
1889.8 8	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> ,7/2 <sup>-</sup> )		3651.3 7	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )
1963.4 5	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )		3743.3 10	(1/2,3/2)
2021.0 5	(3/2 <sup>-</sup> )		3943.5 6	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )
2046.6 7	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )		4075.1 6	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )
2207.6 6	(5/2 <sup>-</sup> ,7/2 <sup>-</sup> )		4160.7 8	(3/2)
2408.5 6	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )		4190.4 8	(1/2,3/2)
2557.6 7	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )		4214.3 6	(1/2,3/2)
2614.6 5	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )		4268.1 7	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )
2684.0 6	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )		4348.3 10	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )
2717.2 6	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )		4360.3 7	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )
2781.8 6	(3/2 <sup>-</sup> )		4420.6 10	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )
2933.3 5	(3/2 <sup>+</sup> )		4563.4 10	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )
3116.8 7	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )			

<sup>†</sup> From 1981PfZZ; spins and parities based on log ft values and  $\gamma$ -deexcitation to the known first excited state.

<sup>‡</sup> From Adopted Levels.

 $\beta^-$  radiations

See 1973Jo02 for  $\beta^-$  strength function deduced from total  $\gamma$ -ray absorption.

E(decay)	E(level)	$I\beta^-$ <sup>†</sup>	Log ft	Comments
(1527 7)	4563.4	0.068	6.5	av $E\beta=583.6$ 32 $I(\beta^-)\%$ = 0.146 on simulation of TAGS spectrum.
(1669 7)	4420.6	0.18	6.2	av $E\beta=647.8$ 32 $I(\beta^-)\%$ = 0.40 on simulation of TAGS spectrum.
(1730 7)	4360.3	0.061	6.8	av $E\beta=675.1$ 32 $I(\beta^-)\%$ = 0.0139 on simulation of TAGS spectrum.
(1742 7)	4348.3	0.16	6.4	av $E\beta=680.5$ 32 $I(\beta^-)\%$ = 0.37 on simulation of TAGS spectrum.
(1822 7)	4268.1	0.52 9	5.93 8	av $E\beta=717.0$ 32 $I(\beta^-)\%$ = 1.31 on simulation of TAGS spectrum.
(1876 7)	4214.3	0.25	6.3	av $E\beta=741.6$ 33

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$^{95}\text{Sr } \beta^-$  decay    1981PfZZ,1974He03 (continued) $\beta^-$  radiations (continued)

E(decay)	E(level)	I $\beta^-$ <sup>†</sup>	Log ft	Comments
(1900 7)	4190.4	0.41	6.1	I( $\beta^-$ )% = 0.46 on simulation of TAGS spectrum. av E $\beta$ =752.5 33
(1929 7)	4160.7	0.37 4	6.18 5	I( $\beta^-$ )% = 0.75 on simulation of TAGS spectrum. av E $\beta$ =766.1 33
(2015 7)	4075.1	1.40 19	5.68 6	I( $\beta^-$ )% = 0.67 on simulation of TAGS spectrum. av E $\beta$ =805.4 33
(2147 7)	3943.5	0.23	6.6	I( $\beta^-$ )% = 2.46 on simulation of TAGS spectrum. av E $\beta$ =866.2 33
(2347 7)	3743.3	0.84 14	6.17 8	I( $\beta^-$ )% = 0.49 on simulation of TAGS spectrum. av E $\beta$ =959.3 33
(2439 7)	3651.3	0.29	6.7	I( $\beta^-$ )% = 1.07 on simulation of TAGS spectrum. av E $\beta$ =1002.2 33
(2474 7)	3616.1	2.46	5.8	I( $\beta^-$ )% = 0.32 on simulation of TAGS spectrum. av E $\beta$ =1018.7 33
(2513 7)	3576.6	2.3	5.9	I( $\beta^-$ )% = 2.89 on simulation of TAGS spectrum. av E $\beta$ =1037.2 33
(2583 7)	3507.4	0.41	6.7	I( $\beta^-$ )% = 4.07 on simulation of TAGS spectrum. av E $\beta$ =1069.7 33
(2698 7)	3391.8	1.7	6.1	I( $\beta^-$ )% = 2.14 on simulation of TAGS spectrum. av E $\beta$ =1124.0 33
(2737 7)	3352.9	1.5	6.2	I( $\beta^-$ )% = 3.64 on simulation of TAGS spectrum. av E $\beta$ =1142.4 33
(2973 7)	3116.8	0.81	6.6	I( $\beta^-$ )% = 3.21 on simulation of TAGS spectrum. av E $\beta$ =1253.9 34
(3157 7)	2933.3	7.8 8	5.75 5	I( $\beta^-$ )% = 1.18 on simulation of TAGS spectrum. av E $\beta$ =1340.9 34
(3308 7)	2781.8	1.27 17	6.63 6	I( $\beta^-$ )% = 8.45 on simulation of TAGS spectrum. av E $\beta$ =1412.9 34
(3373 7)	2717.2	4.9 6	6.08 6	I( $\beta^-$ )% = 1.61 on simulation of TAGS spectrum. av E $\beta$ =1443.7 34
(3406 7)	2684.0	0.88	6.8	I( $\beta^-$ )% = 6.21 on simulation of TAGS spectrum. av E $\beta$ =1459.5 34
(3475 7)	2614.6	0.63 20	7.03 14	I( $\beta^-$ )% = 1.13 on simulation of TAGS spectrum. av E $\beta$ =1492.6 34
(3532 7)	2557.6	0.32	7.4	I( $\beta^-$ )% = 1.37 on simulation of TAGS spectrum. av E $\beta$ =1519.8 34
(3682 7)	2408.5	0.49	7.2	I( $\beta^-$ )% = 0.69 on simulation of TAGS spectrum. av E $\beta$ =1591.0 34
(3882 7)	2207.6	0.42 11	9.01 <sup>1u</sup> 12	I( $\beta^-$ )% = 1.05 on simulation of TAGS spectrum. av E $\beta$ =1684.1 34 log ft > 7.6 (1981PfZZ).
(4043 7)	2046.6	0.89 10	7.16 5	I( $\beta^-$ )% = 0.0 on simulation of TAGS spectrum. av E $\beta$ =1764.2 34
(4069 7)	2021.0	0.59	7.4	I( $\beta^-$ )% = 0.64 on simulation of TAGS spectrum. av E $\beta$ =1776.4 34
(4127 7)	1963.4	1.4	7.0	I( $\beta^-$ )% = 0.42 on simulation of TAGS spectrum. av E $\beta$ =1804.1 34
(4200 7)	1889.8	0.25	9.4 <sup>1u</sup>	I( $\beta^-$ )% = 1.00 on simulation of TAGS spectrum. av E $\beta$ =1835.1 34
(5003 <sup>‡</sup> 7)	1087.5	0.385	7.9	I( $\beta^-$ )% = 0.178 on simulation of TAGS spectrum. av E $\beta$ =2224.9 34
(5263 7)	826.9	0.8 4	9.56 <sup>1u</sup> 22	I( $\beta^-$ )% = 0.64 on simulation of TAGS spectrum. av E $\beta$ =2343.5 34
(5404 7)	685.8	8.9 7	6.72 4	I( $\beta^-$ )% = 0 on simulation of TAGS spectrum. av E $\beta$ =2418.3 34 I( $\beta^-$ )% = 5.35 on simulation of TAGS spectrum.

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$^{95}\text{Sr} \beta^-$  decay    1981PfZZ,1974He03 (continued) $\beta^-$  radiations (continued)

E(decay) (6090 7)	E(level) 0.0	I $\beta^-$ <sup>†</sup> 55.7 25	Log ft 6.161 20	av E $\beta$ =2748.7 34 I( $\beta^-$ )% = 40.3 2.9 on simulation of TAGS spectrum.	Comments
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<sup>†</sup> Absolute intensity per 100 decays.<sup>‡</sup> Existence of this branch is questionable. $\gamma(^{95}\text{Y})$ 

Coincidences shown on the drawing are from 1974He03.

E $\gamma$ <sup>†</sup> 260.6	I $\gamma$ <sup>†&amp;</sup> 2.2	E <sub>i</sub> (level) 1087.5	J $^\pi_i$ 9/2 <sup>+</sup>	E <sub>f</sub> 826.9	J $^\pi_f$ 5/2 <sup>-</sup>	Mult. M2	$\alpha$ 0.0695	Comments
406.9	0.5	2614.6	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )	2207.6	(5/2 <sup>-</sup> ,7/2 <sup>-</sup> )			$\alpha(K)=0.0605$ 9; $\alpha(L)=0.00753$ 11; $\alpha(M)=0.001299$ 19; $\alpha(N)=0.0001733$ 25
419.5	0.4	3352.9	(3/2)	2933.3	(3/2 <sup>+</sup> )			
458.4	0.8	3391.8	(3/2)	2933.3	(3/2 <sup>+</sup> )			
543.4 <sup>a</sup>	0.15	1630.9	(5/2 <sup>-</sup> )	1087.5	9/2 <sup>+</sup>			$\alpha(O)=1.151\times 10^{-5}$ 17; $\alpha(N+..)=0.000185$ 3
576.6 <sup>‡</sup>	3.3 <sup>@</sup> 4	2207.6	(5/2 <sup>-</sup> ,7/2 <sup>-</sup> )	1630.9	(5/2 <sup>-</sup> )			Mult.: from $\alpha(K)\exp$ (1981PfZZ).
651.3	0.3	2614.6	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )	1963.4	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )			
668.6	0.6	3352.9	(3/2)	2684.0	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )			
685.6	100	685.8	3/2 <sup>-</sup>	0.0	1/2 <sup>-</sup>			%I $\gamma$ : See comment on I $\gamma$ normalization.
708.4	0.5	3391.8	(3/2)	2684.0	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )			
724.6	0.8	2614.6	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )	1889.8	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> ,7/2 <sup>-</sup> )			
777.3 <sup>‡</sup>	2.6 <sup>@</sup> 4	3391.8	(3/2)	2614.6	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )			
826.8	12.7 <sup>@</sup> 14	826.9	5/2 <sup>-</sup>	0.0	1/2 <sup>-</sup>			
899.2	0.8	3616.1	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )	2717.2	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )			
931.9	0.2	3616.1	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )	2684.0	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )			
945.0	9.9 <sup>@</sup> 12	1630.9	(5/2 <sup>-</sup> )	685.8	3/2 <sup>-</sup>			
961.6	1.8	3576.6	(3/2 <sup>+</sup> )	2614.6	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )			
970.0	0.3	2933.3	(3/2 <sup>+</sup> )	1963.4	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )			
983.8 <sup>‡</sup>	5.2 <sup>@</sup> 7	2614.6	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )	1630.9	(5/2 <sup>-</sup> )			
1062.8	1.9	1889.8	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> ,7/2 <sup>-</sup> )	826.9	5/2 <sup>-</sup>			
1120.0 <sup>a</sup>	0.5	2207.6	(5/2 <sup>-</sup> ,7/2 <sup>-</sup> )	1087.5	9/2 <sup>+</sup>			
1136.6	0.5	1963.4	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )	826.9	5/2 <sup>-</sup>			
1145.4	0.5	3352.9	(3/2)	2207.6	(5/2 <sup>-</sup> ,7/2 <sup>-</sup> )			
1184.0	0.7	3391.8	(3/2)	2207.6	(5/2 <sup>-</sup> ,7/2 <sup>-</sup> )			
1194.0	0.3	2021.0	(3/2 <sup>-</sup> )	826.9	5/2 <sup>-</sup>			
1207.3	0.6	3616.1	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )	2408.5	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )			
1277.4	9.1 <sup>@</sup> 11	1963.4	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )	685.8	3/2 <sup>-</sup>			
1302.5	0.4	2933.3	(3/2 <sup>+</sup> )	1630.9	(5/2 <sup>-</sup> )			
1335.4 <sup>‡</sup>	3.0 <sup>@</sup> 4	2021.0	(3/2 <sup>-</sup> )	685.8	3/2 <sup>-</sup>			
1360.9	2.4 <sup>@</sup> 4	2046.6	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	685.8	3/2 <sup>-</sup>			
1370.5	0.4	3391.8	(3/2)	2021.0	(3/2 <sup>-</sup> )			

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$^{95}\text{Sr } \beta^-$  decay    1981PfZZ,1974He03 (continued) $\gamma(^{95}\text{Y})$  (continued)

$E_\gamma^\dagger$	$I_\gamma^{\dagger\&}$	$E_i(\text{level})$	$J_i^\pi$	$E_f$	$J_f^\pi$
1428.3	1.5	3391.8	(3/2)	1963.4	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )
1581.4	0.5	2408.5	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )	826.9	5/2 <sup>-</sup>
1612.7	1.0	3576.6	(3/2 <sup>+</sup> )	1963.4	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )
1722.5 <sup>#</sup>	2.3 @ 3	2408.5	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )	685.8	3/2 <sup>-</sup>
1872.0	1.0	2557.6	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	685.8	3/2 <sup>-</sup>
1928.5	0.4	2614.6	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )	685.8	3/2 <sup>-</sup>
1954.8	0.4	2781.8	(3/2 <sup>-</sup> )	826.9	5/2 <sup>-</sup>
2020.0	1.2	2021.0	(3/2 <sup>-</sup> )	0.0	1/2 <sup>-</sup>
2031.5	2.1 @ 3	2717.2	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )	685.8	3/2 <sup>-</sup>
2046.4	1.54 @ 23	2046.6	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	0.0	1/2 <sup>-</sup>
2096.1	0.54 @ 24	2781.8	(3/2 <sup>-</sup> )	685.8	3/2 <sup>-</sup>
2106.3	0.4	2933.3	(3/2 <sup>+</sup> )	826.9	5/2 <sup>-</sup>
2112.0	0.2	4075.1	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )	1963.4	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )
2168.7	1.5	4190.4	(1/2,3/2)	2021.0	(3/2 <sup>-</sup> )
2247.6	16.8 @ 20	2933.3	(3/2 <sup>+</sup> )	685.8	3/2 <sup>-</sup>
2251.0	0.3	4214.3	(1/2,3/2)	1963.4	(3/2 <sup>-</sup> ,5/2 <sup>-</sup> )
2430.8	1.1	3116.8	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	685.8	3/2 <sup>-</sup>
2557.2	0.4	2557.6	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	0.0	1/2 <sup>-</sup>
2564.9	0.15	3391.8	(3/2)	826.9	5/2 <sup>-</sup>
2667.4	0.8	3352.9	(3/2)	685.8	3/2 <sup>-</sup>
2684.0	5.2 @ 7	2684.0	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	0.0	1/2 <sup>-</sup>
2705.8 <sup>#</sup>	1.01 @ 17	3391.8	(3/2)	685.8	3/2 <sup>-</sup>
2717.3	20.4 @ 24	2717.2	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )	0.0	1/2 <sup>-</sup>
2749.7 <sup>#</sup>	1.40 @ 23	3576.6	(3/2 <sup>+</sup> )	826.9	5/2 <sup>-</sup>
2781.8	4.7 @ 7	2781.8	(3/2 <sup>-</sup> )	0.0	1/2 <sup>-</sup>
2821.4	0.8	3507.4	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	685.8	3/2 <sup>-</sup>
2891.0 <sup>#</sup>	4.0 @ 6	3576.6	(3/2 <sup>+</sup> )	685.8	3/2 <sup>-</sup>
2930.5	1.7	3616.1	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )	685.8	3/2 <sup>-</sup>
2933.1	18.0 @ 22	2933.3	(3/2 <sup>+</sup> )	0.0	1/2 <sup>-</sup>
2965.0	0.8	3651.3	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	685.8	3/2 <sup>-</sup>
3116.6	0.5	3943.5	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	826.9	5/2 <sup>-</sup>
3116.8	2.5 @ 4	3116.8	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	0.0	1/2 <sup>-</sup>
3257.6	0.2	3943.5	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	685.8	3/2 <sup>-</sup>
3334.2	0.6	4160.7	(3/2)	826.9	5/2 <sup>-</sup>
3352.8	4.2 @ 6	3352.9	(3/2)	0.0	1/2 <sup>-</sup>
3388.9	0.6	4075.1	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )	685.8	3/2 <sup>-</sup>
3474.3 <sup>#</sup>	1.02 @ 19	4160.7	(3/2)	685.8	3/2 <sup>-</sup>
<sup>x</sup> 3500.3	3.4 5				
3507.5	1.0	3507.4	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	0.0	1/2 <sup>-</sup>
3528.0	0.4	4214.3	(1/2,3/2)	685.8	3/2 <sup>-</sup>
3577.0	1.8	3576.6	(3/2 <sup>+</sup> )	0.0	1/2 <sup>-</sup>
3582.2	0.3	4268.1	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )	685.8	3/2 <sup>-</sup>
3616.1	7.6 @ 10	3616.1	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )	0.0	1/2 <sup>-</sup>
3651.6	0.5	3651.3	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	0.0	1/2 <sup>-</sup>
3674.5	0.15	4360.3	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	685.8	3/2 <sup>-</sup>
3743.2	3.7 @ 6	3743.3	(1/2,3/2)	0.0	1/2 <sup>-</sup>
3877.5	0.3	4563.4	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	685.8	3/2 <sup>-</sup>
3943.4	0.3	3943.5	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	0.0	1/2 <sup>-</sup>
4075.1	5.4 @ 8	4075.1	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )	0.0	1/2 <sup>-</sup>
4191.0	0.3	4190.4	(1/2,3/2)	0.0	1/2 <sup>-</sup>
4214.4	0.4	4214.3	(1/2,3/2)	0.0	1/2 <sup>-</sup>

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$^{95}\text{Sr}$   $\beta^-$  decay    1981PfZZ,1974He03 (continued) $\gamma(^{95}\text{Y})$  (continued)

$E_\gamma^\dagger$	$I_\gamma^{\dagger\&}$	$E_i(\text{level})$	$J_i^\pi$	$E_f$	$J_f^\pi$
4268.0	2.0 @ 4	4268.1	(1/2 <sup>+</sup> ,3/2 <sup>+</sup> )	0.0	1/2 <sup>-</sup>
4348.2	0.7	4348.3	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	0.0	1/2 <sup>-</sup>
4360.0	0.12	4360.3	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	0.0	1/2 <sup>-</sup>
4420.5	0.8	4420.6	(1/2 <sup>-</sup> ,3/2 <sup>-</sup> )	0.0	1/2 <sup>-</sup>

<sup>†</sup> From 1981PfZZ, except as noted.  $I_\gamma$  renormalized by evaluator to  $I_\gamma(686\gamma)=100$ .

<sup>‡</sup> Unplaced by 1974He03; placement from 1981PfZZ.

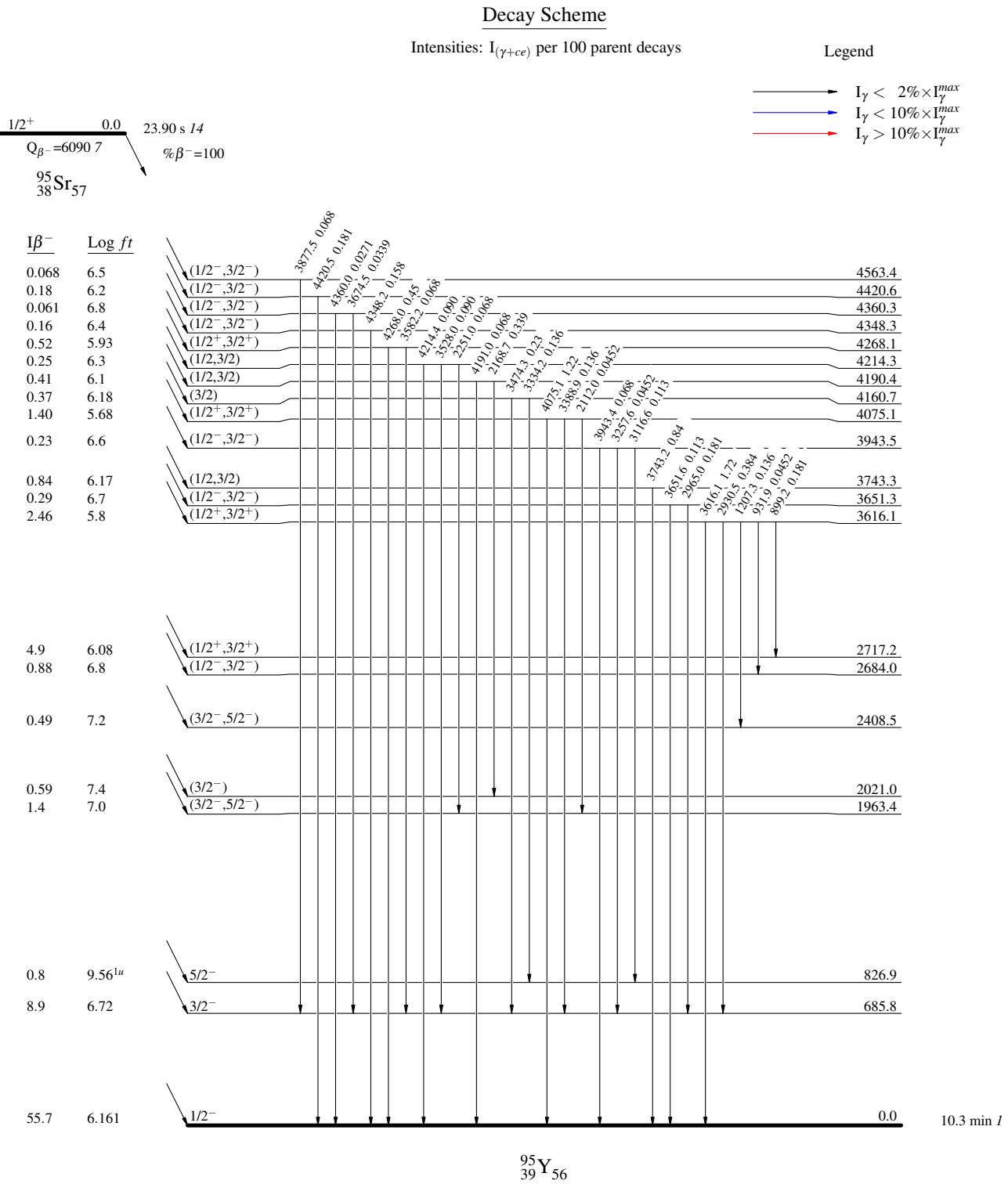
<sup>#</sup> 1722 $\gamma$  and 3474 $\gamma$  placed as deexciting 3353 and 3474 states, respectively, and 2706 $\gamma$ , 2750 $\gamma$ , and 2891 $\gamma$  tentatively placed as deexciting 2706, 2749, and 2891 states, respectively, by 1974He03; alternate placement from 1981PfZZ. Tentative placement of 3500 $\gamma$  from 3500 state by 1974He03 not confirmed by 1981PfZZ.

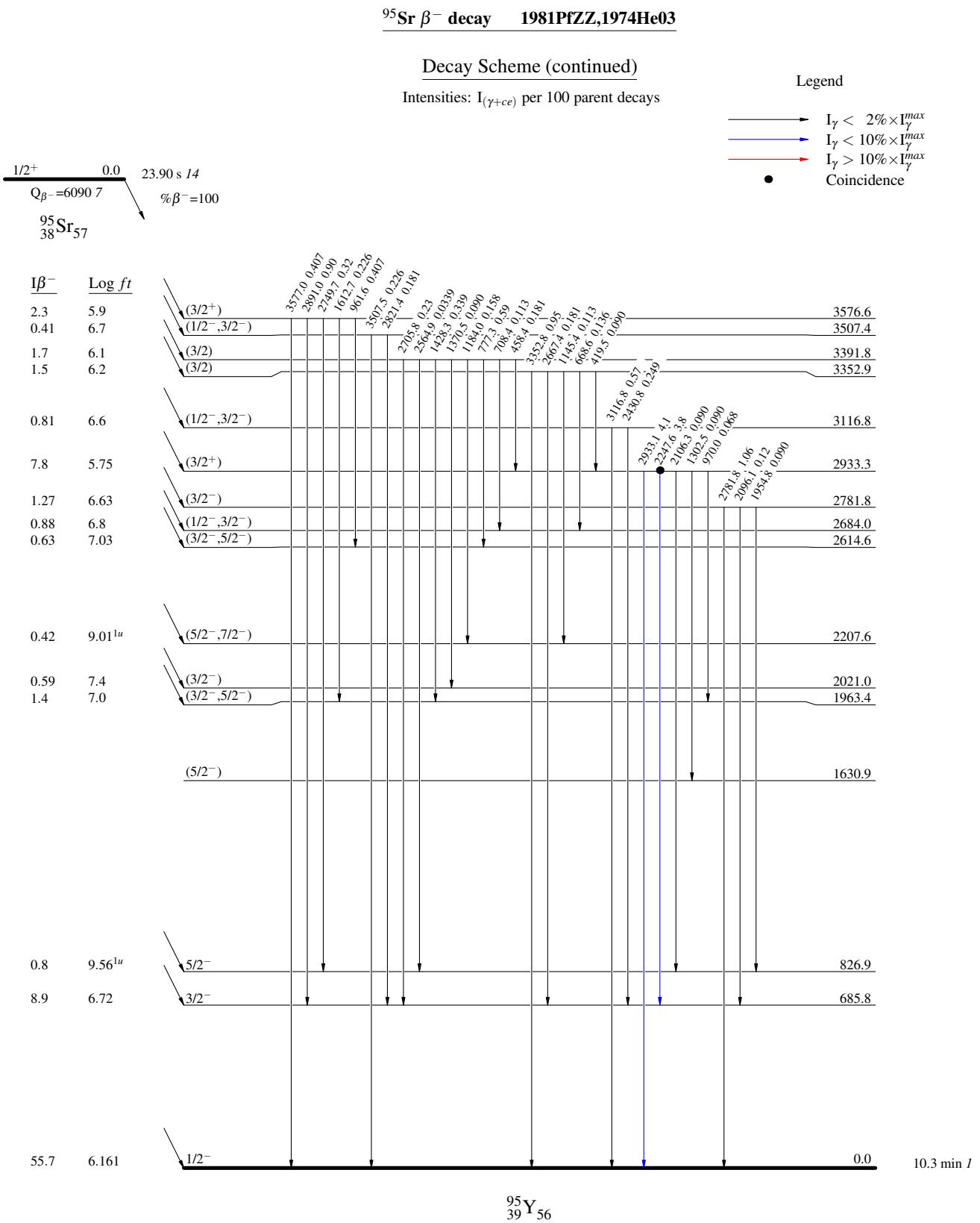
<sup>@</sup> From 1974He03.

<sup>&</sup> For absolute intensity per 100 decays, multiply by 0.226 12.

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

<sup>x</sup>  $\gamma$  ray not placed in level scheme.

$^{95}\text{Sr} \beta^-$  decay    1981PfZZ, 1974He03



$^{95}\text{Sr}$   $\beta^-$  decay    1981PfZZ, 1974He03

## Decay Scheme (continued)

Intensities:  $I_{(\gamma+ce)}$  per 100 parent decays

## Legend

- $I_\gamma < 2\% \times I_\gamma^{\max}$
- $I_\gamma < 10\% \times I_\gamma^{\max}$
- $I_\gamma > 10\% \times I_\gamma^{\max}$
- - - - -  $\gamma$  Decay (Uncertain)
- Coincidence

