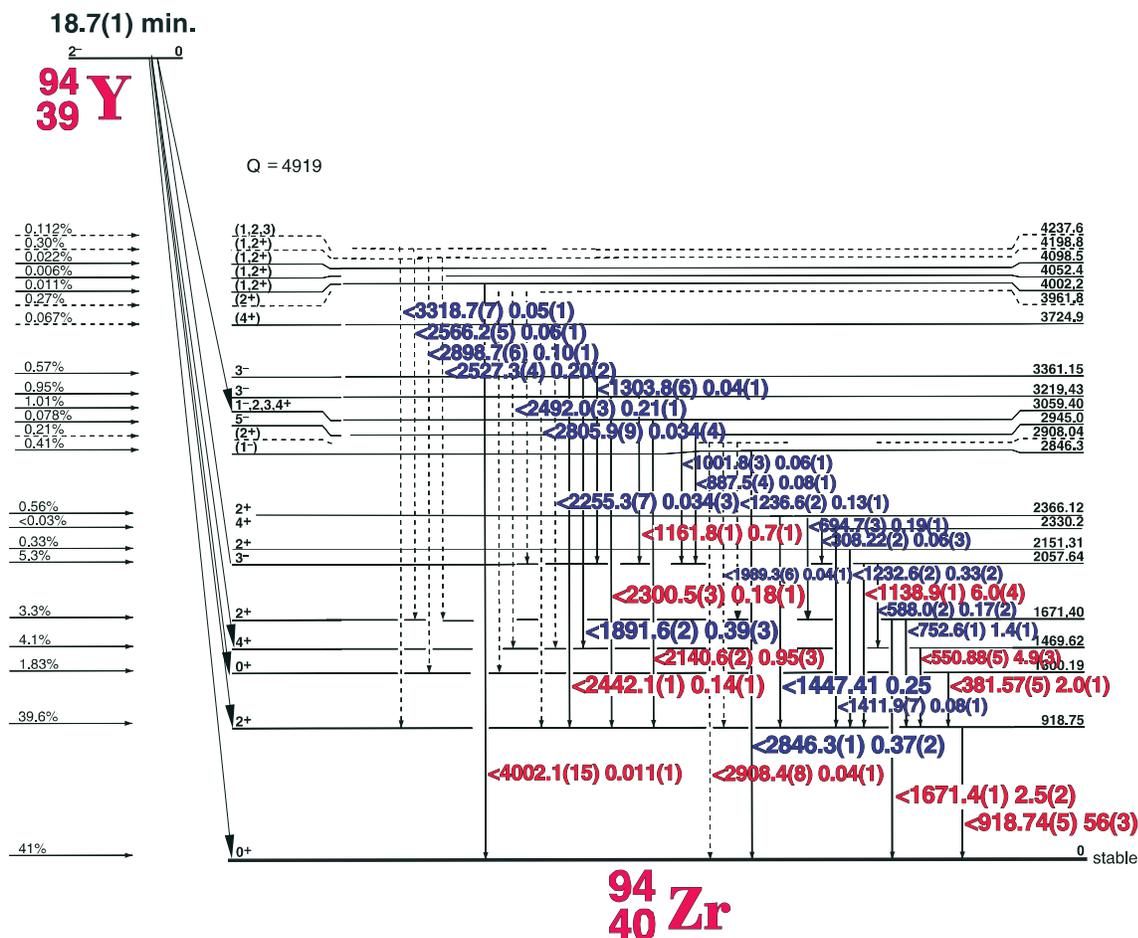


# 18.7(1) min. <sup>94</sup>Y Decay Scheme



39-94-1

## GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide <sup>94</sup>Y Half Life 18.7(1) min.  
 Detector 3" x 3" -2 NaI Method of Production: U<sup>235</sup>(n,f)

E <sub>γ</sub> (KeV) <sub>[S]</sub>	ΔE <sub>γ</sub>	I <sub>γ</sub> (rel)	I <sub>γ</sub> (%)[E]	ΔI <sub>γ</sub>	S
381.6	± 0.2	0.63	3.6	± 0.3	2
550.88	± 0.10	8.8	4.9	± 0.2	1
752.60	± 0.1	2.5	1.4	± 0.07	2
918.74	± 0.05	100	56	± 1.0	1
1138.9	± 0.1	13.7	10.7	± 0.7	1
1161.8	± 0.1	1.24	0.69	± 0.03	2
1671.4	± 0.1	4.4	2.46	± 0.12	1
2140.6	± 0.2	1.7	0.95	± 0.05	1
2300.5	± 0.3	0.32	0.18	± 0.01	2
2492.0	± 0.3	0.38	0.21	± 0.01	2
2527.3	± 0.3	0.36	0.20	± 0.01	2
3264.4	± 0.7	0.11	0.07	± 0.01	2
3318.7	± 0.7	0.09	0.05	± 0.01	2