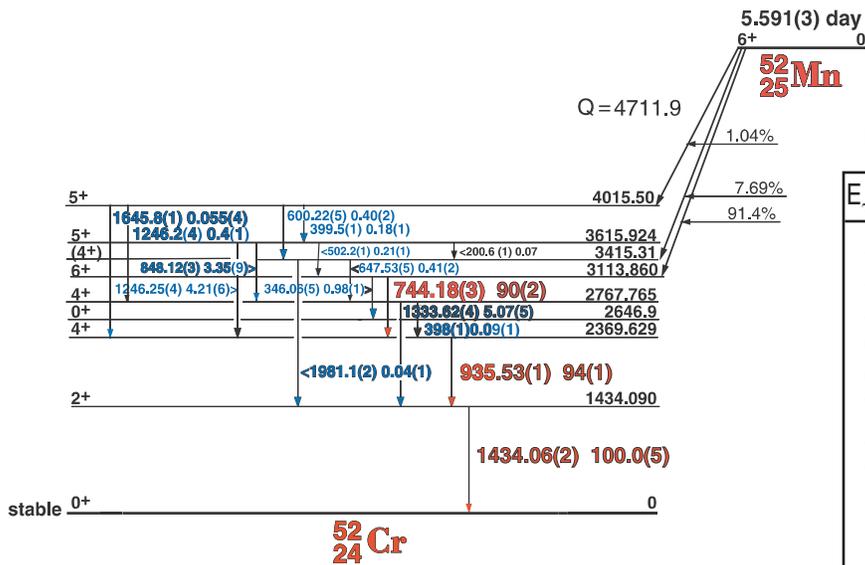


5.591 Day ⁵²Mn

30-65-2

5.591(3) day ⁵²Mn Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ⁵²Mn Half Life 5.59 Day
 Detector 3" X 3" NaI-2 Method of Production: Cr⁵²(p,n)

E _γ (KeV)[S]	ΔE _γ	I _γ (rel)	I _γ (%)[E]	ΔI _γ	S
346.062	± 0.050	1.2	0.980	± 0.01	4
399.2	± 0.4	0.36	0.189	± 0.007	4
502.17	± 0.10	0.14	0.21	± 0.02	4
600.22	± 0.05	0.53	0.39	± 0.01	4
647.531	± 0.05	0.40	0.40	± 0.02	4
744.179	± 0.03	88.2	90.0	± 0.8	1
848.175	± 0.03	3.4	3.32	± 0.03	3
935.504	± 0.030	95.0	94.5	± 0.9	1
1246.250	± 0.040	4.8	4.21	± 0.06	2
1333.624	± 0.040	5.3	5.07	± 0.05	1
1434.047	± 0.030	100	100	± 0.5	1
1645.82	± 0.15	0.06	0.05	± 0.01	3
1981.12	± 0.04	0.04	0.034	± 0.003	3

