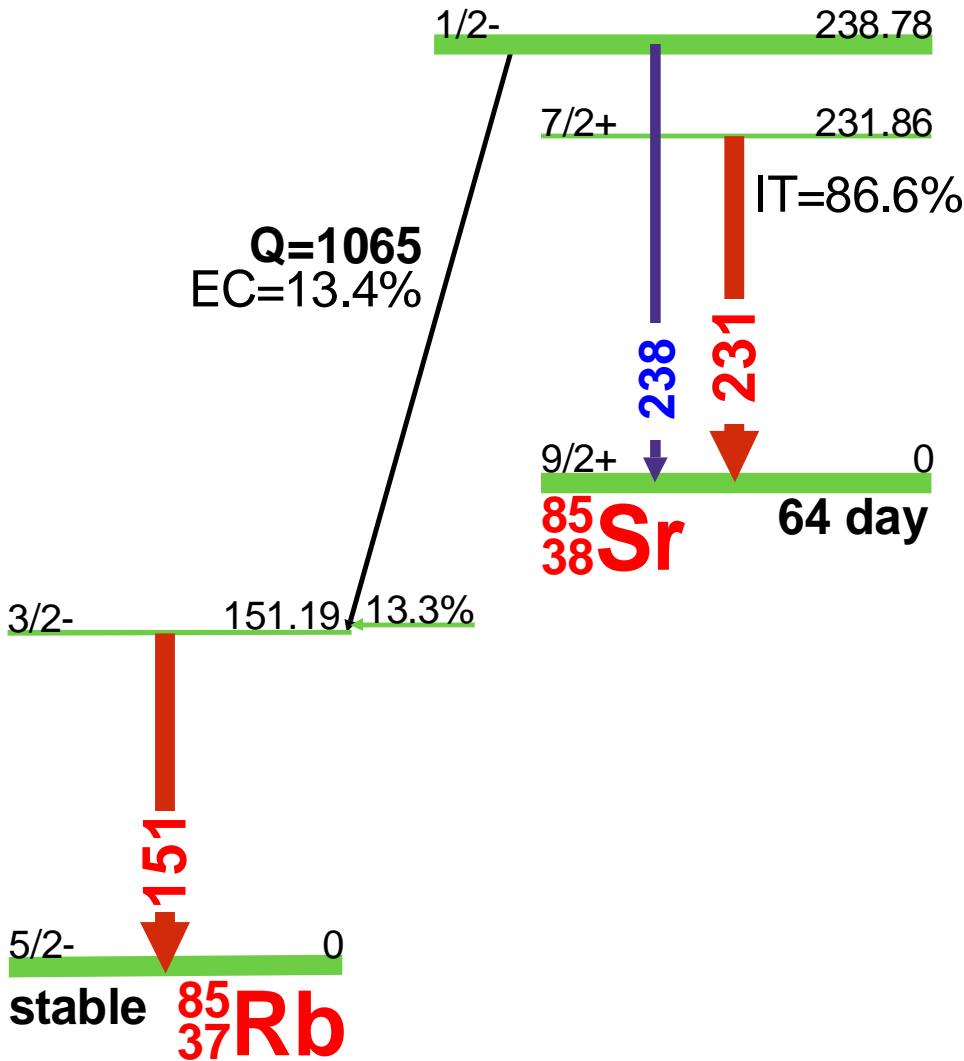


^{85m}Sr(67 min.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{85m}Sr Half Life: 67.63 (4) min.
Detector: 2.5 cm² x 4 mm Ge (Li) Method of Production: ⁸⁴Sr(n,γ)

| E _γ (keV) | σ E _γ | I _γ (rel) | I _γ (%) | σ I _γ | S |
|----------------------|------------------|----------------------|--------------------|------------------|---|
| 6.92 | 0.05 | | 0.000004 | | 4 |
| 129.82 | 0.04 | | 0.15 | 0.04 | 4 |
| 151.194 | 0.015 | 8.6 | 12.9 | 0.7 | 1 |
| 231.860 | 0.020 | 100 | 84.4 | 2.2 | 1 |
| 238.78 | 0.05 | 0.5 | 0.277 | 0.007 | 3 |
| 281.01 | 0.03 | | 0.0004 | 0.0002 | 4 |
| 450.79 | 0.05 | | 0.0108 | 0.0005 | 4 |
| 580.64 | 0.05 | | 0.00088 | 0.00009 | 4 |
| 731.797 | 0.015 | | 0.0147 | 0.0008 | 4 |
| 768.5 | 1.0 | | 0.00030 | 0.00002 | 4 |
| 919.8 | 0.9 | | 0.00010 | 0.00005 | 4 |

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

