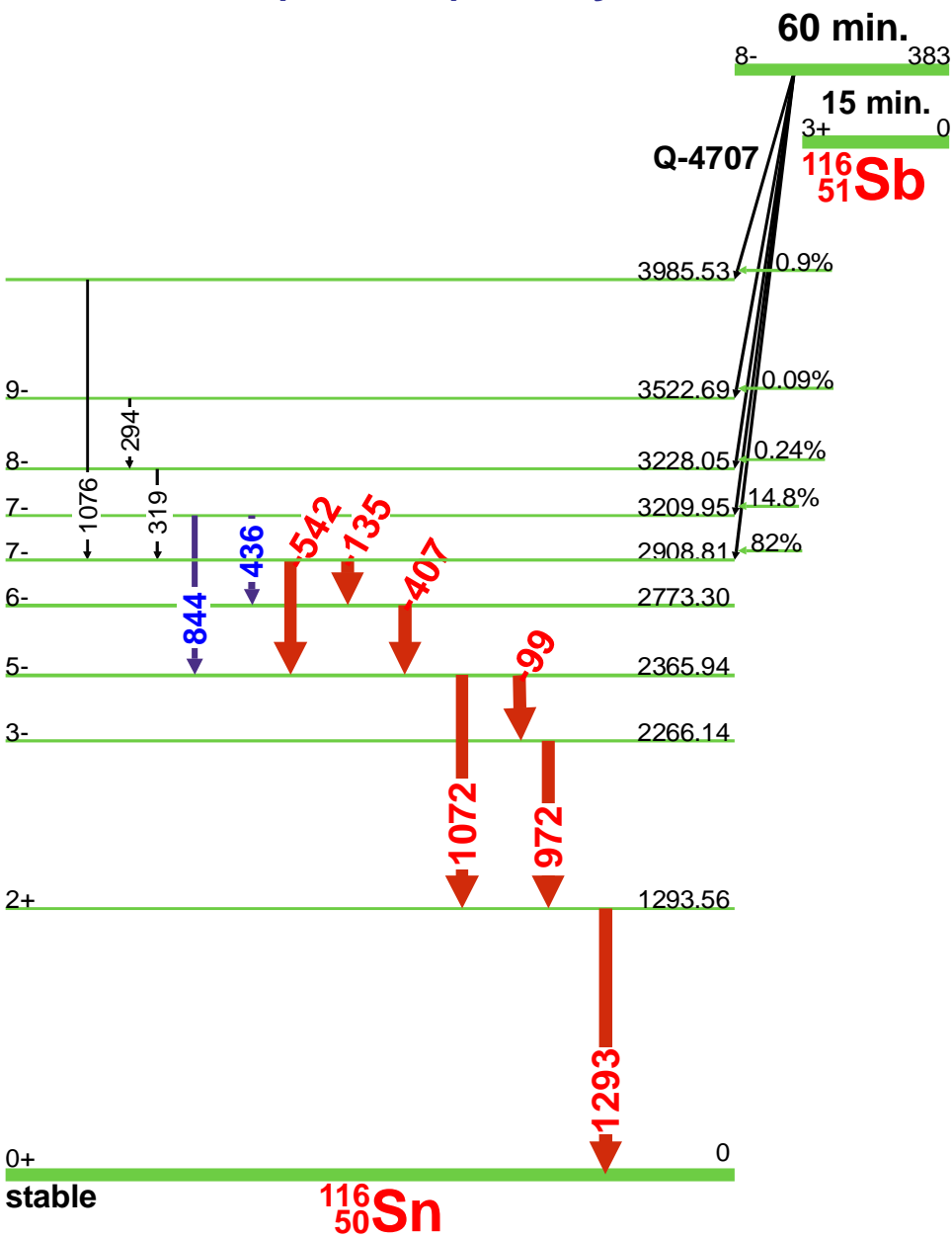




^{116m}Sb(60 min.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{116m}Sb Half Life: 60.3(6) min.
Detector: 35 cm³ coaxial Ge (Li) Method of Production: ¹¹⁶Sn(p,n)

| E _γ (keV) | σ E _γ | I _γ (rel) | I _γ (%) | σ I _γ | S |
|----------------------|------------------|----------------------|--------------------|------------------|---|
| 99.802 | 0.011 | 32.0 | 28.3 | 1.2 | 1 |
| 135.511 | 0.010 | 29.0 | 28.5 | 1.2 | 1 |
| 294.60 | 0.20 | | 0.09 | 0.05 | 4 |
| 319.24 | 0.12 | | 0.33 | 0.03 | 4 |
| 407.351 | 0.015 | 42.0 | 38.8 | 1.6 | 1 |
| 436.666 | 0.021 | 4.1 | 3.58 | 0.16 | 3 |
| Ann. 511.006 | | | 52. | 4. | 1 |
| 542.867 | 0.015 | 52.1 | 48.1 | 2.0 | 1 |
| 844.001 | 0.019 | 12.0 | 11.2 | 0.5 | 2 |
| 972.573 | 0.016 | 72.3 | 74. | 3. | 1 |
| 1072.373 | 0.020 | 28.0 | 25.5 | 1.1 | 1 |
| 1076.72 | 0.13 | | 0.9 | 0.3 | 4 |
| 1293.557 | 0.011 | 100 | 100. | 4. | 1 |
| 1315.53 | 0.04 | 0.56 | 0.40 | 0.04 | 2 |
| 1501.03 | 0.17 | 0.65 | 0.57 | 0.15 | 2 |

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

