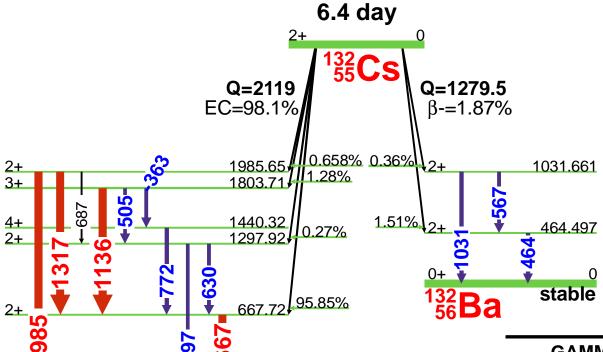


¹³²Cs(6.4 day) Decay Scheme

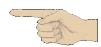


GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ¹³²Cs Half Life: 6.479(7) day Detector: 4.55 cm² x 8 mm Ge (Li) Method of Production: ¹³³Cs(γ,n)

| | E _γ (keV) | σ Ε _γ | l _γ (rel) | l _γ (%) | σ l _γ | S |
|------|----------------------|------------------|----------------------|--------------------|------------------|---|
| | 363.34 | 0.05 | 0.06 | 0.0696 | 0.0020 | 4 |
| | 464.47 | 0.03 | 1.6 | 1.74 | 0.08 | 4 |
| | 505.79 | 0.03 | 1.0 | 0.75 | 0.05 | 4 |
| Ann. | 511.006 | | | 0.85 | 0.10 | 4 |
| | 567.16 | 0.01 | 0.40 | 0.235 | 0.09 | 4 |
| | 630.190 | 0.020 | 1.0 | 0.96 | 0.03 | 2 |
| | 667.718 | 0.003 | 100. | 99.38 | | 1 |
| | 687.74 | 0.17 | | 0.0022 | 0.0005 | 4 |
| | 772.600 | 0.010 | 0.10 | 0.074 | 0.003 | 3 |
| | 1031.66 | 0.01 | 0.14 | 0.125 | 0.005 | 2 |
| | 1136.000 | 0.020 | 0.48 | 0.485 | 0.013 | 1 |
| | 1297.910 | 0.020 | 0.065 | 0.056 | 0.004 | 2 |
| | 1317.927 | 0.007 | 0.56 | 0.596 | 0.020 | 1 |
| | 1985.638 | 0.008 | 0.070 | 0.072 | 0.003 | 1 |

 E_{γ} , σE_{γ} , I_{γ} , σI_{γ} - 1998 ENSDF Data



stable

