





## <sup>137</sup>Cs(30 yr.) Decay Scheme 30 yr. 7/2+ Q=1175.63 94.4% 11/2-661.66 2.5 min. 5.6% stable

## **GAMMA-RAY ENERGIES AND INTENSITIES**

Nuclide: <sup>137</sup>Cs Half Life: 30.07(3) yr. Detector: 55 cm³ coaxial Ge (Li) Method of Production: U(n,f) chem.

$E_{\gamma}$ (keV)	$σΕ_γ$	$I_{\gamma}$ (rel)	l <sub>γ</sub> (%)	$\sigma$ l $_{\gamma}$	S
283.5	0.1		0.0006	0.0001	4
661.657	0.003	100	85.1	0.2	1

 $E_{\gamma}$ ,  $\sigma E_{\gamma}$ ,  $I_{\gamma}$ ,  $\sigma I_{\gamma}$  - 1998 ENSDF Data



