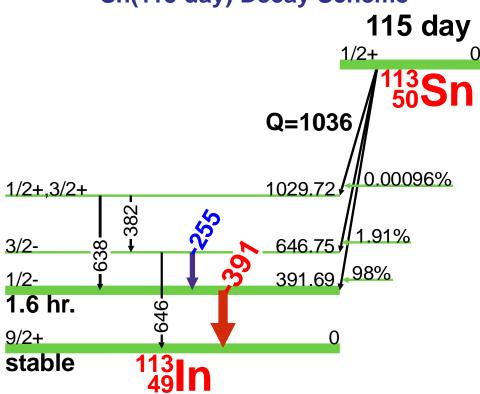








## <sup>113</sup>Sn(115 day) Decay Scheme



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

Nuclide: <sup>113</sup>Sn Half Life: 115.09(4) day Detector: 65 cm<sup>3</sup> coaxial (Li) Method of Production: <sup>112</sup>Sn (n,γ)

| E <sub>γ</sub> (keV) | $\sigma  E_{\gamma}$ | $I_{\gamma}$ (rel) | l <sub>γ</sub> (%) | σ l <sub>γ</sub> | S |
|----------------------|----------------------|--------------------|--------------------|------------------|---|
| 255.06               | 0.05                 | 3.44               | 1.824              | 0.081            | 3 |
| 382.97               |                      |                    | 0.0001             |                  | 4 |
| 391.688              | 0.015                | 100                | 64.0               | 2.0              | 1 |
| 638.03               | 0.08                 |                    | 0.0010             |                  | 4 |
| 646.80               | 0.10                 |                    |                    |                  | 4 |

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



