

$^{238}\text{U}(^{64}\text{Ni},\text{X}\gamma)$ 2007Lu13

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli		NDS 111, 1093 (2010)	3-Mar-2009

Additional information 1.

E=400 MeV beam provided by Legnaro National Laboratories (LNL) Tandem-ALPI accelerator. PRISMA large acceptance magnetic spectrometer. Measured $E\gamma$, $I\gamma$, $\gamma\gamma$ coin using CLARA array containing 25 Clover Ge detectors with Compton-suppression. Comparisons with shell-model calculations.

 ^{66}Fe Levels

E(level)	$J^{\pi\dagger}$
0.0	0^+
574.7 10	(2^+)

\dagger From Adopted Levels.

 $\gamma(^{66}\text{Fe})$

E_γ	I_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
574.7 10	100 25	574.7	(2^+)	0.0	0^+

 $^{238}\text{U}(^{64}\text{Ni},\text{X}\gamma)$ 2007Lu13Level Scheme

Intensities: Relative I_γ

