

$^{60}\text{Ni}(\text{p},\text{X}\gamma)$ **1982La13**

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Huo Junde	NDS 109, 787 (2008)	30-Apr-2007

E=400 MeV, measured $\gamma\gamma$ -coin, $\sigma(\theta)$, proton momentum spectra; Ge(Li), the residual nuclei which have been identified from γ -ray spectra are mainly produced by evaporation processes.

 ^{55}Fe Levels

E(level)

0.0
412.0 5
933.0 5
1316.0 5

 $\gamma(^{55}\text{Fe})$

E _γ	I _γ [†]	E _i (level)	E _f	Comments
412.0 5	7.3 4	412.0	0.0	$d\sigma/d\Omega(p,\gamma)=1.2 \text{ mb/Sr}$ 2.
933.0 5	17.8 7	933.0	0.0	$d\sigma/d\Omega(p,\gamma)=3.7 \text{ mb/Sr}$ 4.
1316.0 5	16.8 7	1316.0	0.0	$d\sigma/d\Omega(p,\gamma)=2.1 \text{ mb/Sr}$ 4.

[†] $\sigma(\gamma)$ in mb.

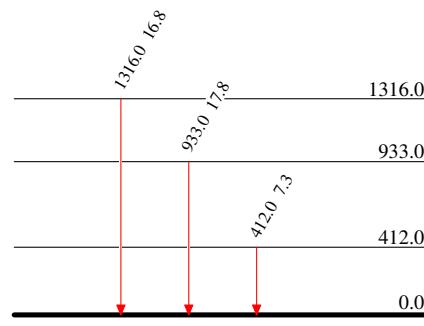
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Legend

Level Scheme

Intensities: Relative I_γ

- I_γ < 2% × I_γ^{max}
- I_γ < 10% × I_γ^{max}
- I_γ > 10% × I_γ^{max}

 $^{55}_{26}\text{Fe}_{29}$