

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

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

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

 $^{55}\text{Fe}$  LevelsE(level)

0.0  
412.0 5  
933.0 5  
1316.0 5

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

$E_\gamma$	$I_\gamma^\dagger$	$E_i(\text{level})$	$E_f$	Comments
412.0 5	7.3 4	412.0	0.0	$d\sigma/d\Omega(\text{p},\gamma)=1.2$ mb/Sr 2.
933.0 5	17.8 7	933.0	0.0	$d\sigma/d\Omega(\text{p},\gamma)=3.7$ mb/Sr 4.
1316.0 5	16.8 7	1316.0	0.0	$d\sigma/d\Omega(\text{p},\gamma)=2.1$ mb/Sr 4.

$^\dagger \sigma(\gamma)$  in mb.

 $^{60}\text{Ni}(\text{p},\text{X}\gamma)$  1982La13Level Scheme

Intensities: Relative  $I_\gamma$

## Legend

- $I_\gamma < 2\% \times I_\gamma^{\text{max}}$
- $I_\gamma < 10\% \times I_\gamma^{\text{max}}$
- $I_\gamma > 10\% \times I_\gamma^{\text{max}}$

