
 $^{60}\text{Ni}(\text{p},\text{X}\gamma), (\text{e},\text{e}'\alpha\gamma), (\gamma,\alpha)$ [1982La13](#),[1980Vo10](#),[1975SuZS](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Huo Junde, Huo Su, Yang Dong		NDS 112, 1513 (2011)	29-Oct-2009

[1982La13](#): $^{60}\text{Ni}(\text{p},\text{X}\gamma)$, E=400 MeV; measured $\text{p}\gamma$ -coin, $\sigma(\theta)$.

[1980Vo10](#): $^{60}\text{Ni}(\text{e},\text{e}'\alpha\gamma)$, E=12-30 MeV; measured $\sigma(\theta)$, DWBA analyses.

[1975SuZS](#): $^{60}\text{Ni}(\gamma,\alpha)$, E=20 MeV; measured $\sigma(E\alpha,\theta)$.

 ^{56}Fe Levels

E(level) [†]	$\text{J}^{\pi\ddagger}$
0	0^+
847	2^+
2085	4^+
15.6×10^3 [#]	

[†] From $\text{E}\gamma$ and scheme.

[‡] From Adopted Levels.

[#] GQR ([1980Vo10](#)).

 $\gamma(^{56}\text{Fe})$

E_γ	I_γ [†]	$\text{E}_i(\text{level})$	J_i^π	E_f	J_f^π
847	55.6 9	847	2^+	0	0^+
1238	28.1 9	2085	4^+	847	2^+
15.6×10^3 [‡]		15.6×10^3		0	0^+

[†] σ_γ in mb ([1982La13](#)).

[‡] From [1980Vo10](#).

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Level Scheme
Intensities: Type not specified

Legend

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

