

$^{58}\text{Ni}(\mu^-, \nu\text{pn}\gamma)$ 2006Me08

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

The μ^- beam obtained from decay of π^- beam at 90 MeV/c. Measured I_γ , $\gamma\gamma$, γ -p using one HPGe detector at TRIUMF facility.

 ^{56}Fe Levels

E(level) [†]	J ^π [†]
0	0 ⁺
846.776 5	2 ⁺

[†] 2006Me08 list values from ^{56}Fe Adopted Levels.

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

E_γ [†]	$E_i(\text{level})$	J_i^π	E_f	J_f^π	Comments
846.771 5	846.776	2 ⁺	0	0 ⁺	I_γ : The authors indicated that transitions in ^{56}Fe and ^{27}Al are too close to deduce γ -ray yield.

[†] 2006Me08 list value from ^{56}Fe adopted gammas.

 $^{58}\text{Ni}(\mu^-, \nu\text{pn}\gamma)$ 2006Me08Level Scheme