

$^{60}\text{Ni}(\mu^-, \nu\text{pn}\gamma)$ 2006Me08

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Caroline D. Nesaraja, Scott D. Geraedts and Balraj Singh		NDS 111, 897 (2010)	12-Jan-2010

2006Me08: The μ^- beam obtained from decay of π^- beam at 90 MeV/c. Measured I_γ , $\gamma\gamma$, γ -p using two HPGe detectors at TRIUMF facility.

 ^{58}Fe Levels

<u>E(level)[†]</u>	<u>J^π[†]</u>
0.0	0 ⁺
810.78	2 ⁺

[†] From 'Adopted Levels'.

 $\gamma(^{58}\text{Fe})$

<u>E_γ[†]</u>	<u>Percent γ-ray yield</u>	<u>E_i(level)</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>
810.78	1.7 6	810.78	2 ⁺	0.0	0 ⁺

[†] From 'adopted gammas'.

 $^{60}\text{Ni}(\mu^-, \nu\text{pn}\gamma)$ 2006Me08Level Scheme

Intensities: Percent γ -ray yield per muon capture

