

$^{50}\text{Cr}(^{12}\text{C,np}\alpha\gamma)$ 1975Be22

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

E=26-58 MeV, measured $\sigma(e,e\gamma)$, $\gamma\gamma$ -coin, and $\gamma\gamma(\theta)$ with Ge(Li).

 ^{56}Co Levels

E(level)	J^π [†]	Comments
0	4 ⁺	
577	5 ⁺	J^π : J=5 established by $\gamma\gamma(\theta)$.
2282	7 ⁺	J^π : J=7 established by $\gamma\gamma(\theta)$.
4179	9 ⁺	J^π : J=8 established by $\gamma\gamma(\theta)$ and excitation functions, but not consistent with adopted J^π .

[†] From Adopted Levels, except as noted.

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

E_γ [†]	$E_i(\text{level})$	J_i^π	E_f	J_f^π	Mult. [‡]	δ [#]	Comments
577	577	5 ⁺	0	4 ⁺	D+Q	0.00 5	Additional information 1.
1705	2282	7 ⁺	577	5 ⁺			Additional information 2.
1897	4179	9 ⁺	2282	7 ⁺			δ : +0.10 5. Additional information 3.

[†] ΔE not given by the authors.

[‡] From $\gamma(\theta)$ with adopted J^π values of known levels.

[#] From $\gamma(\theta)$.

$^{50}\text{Cr}(^{12}\text{C},\text{np}\alpha\gamma)$ 1975Be22Level Scheme