

$^{57}\text{Fe}(\text{n},\alpha\gamma)$ 1983Be10

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yang Dong, Huo Junde		NDS 121, 1 (2014)	20-Jun-2014

E=11-21 MeV, neutron produced by photonuclear processes. Plastic scintillators, Ge(Li).

 ^{54}Cr Levels

E(level)	J^π †
0.0	0 ⁺
834.9 10	2 ⁺
1823.6 13	4 ⁺

† From Adopted Levels.

 $\gamma(^{54}\text{Cr})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
834.9	834.9	2 ⁺	0.0	0 ⁺
988.7 7	1823.6	4 ⁺	834.9	2 ⁺

 $^{57}\text{Fe}(\text{n},\alpha\gamma)$ 1983Be10Level Scheme