

$^{55}\text{Mn}(\mu^-, 3n\gamma) \quad 1971\text{Ba10}$

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yang Dong, Huo Junde		NDS 128, 185 (2015)	10-Jul-2015

Target $J^\pi = 5/2^-$.E \approx 0, Ge(Li), measured E γ , I γ , two Ge(Li) detectors. ^{52}Cr Levels

E(level)	J $^\pi$ [†]
0.0	0 $^+$
1433.5 5	2 $^+$
2370.3 10	4 $^+$

[†] From Adopted Levels. $\gamma(^{52}\text{Cr})$

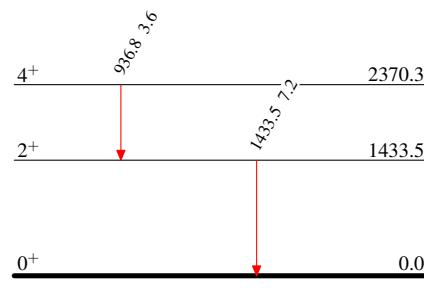
E γ	I $_\gamma$ [†]	E _i (level)	J $^\pi_i$	E $_f$	J $^\pi_f$
936.8 8	3.6 12	2370.3	4 $^+$	1433.5	2 $^+$
1433.5 5	7.2 30	1433.5	2 $^+$	0.0	0 $^+$

[†] Photons per 100 captures. $^{55}\text{Mn}(\mu^-, 3n\gamma) \quad 1971\text{Ba10}$

Legend

Level Scheme
Intensities: Relative I $_\gamma$

- > I $_\gamma < 2\% \times I_{\gamma}^{max}$
- > I $_\gamma < 10\% \times I_{\gamma}^{max}$
- > I $_\gamma > 10\% \times I_{\gamma}^{max}$

 $^{52}\text{Cr}_{28}$