

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

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^π †
0.0	0^+
1433.5 5	2^+
2370.3 10	4^+

† From Adopted Levels.

 $\gamma(^{52}\text{Cr})$




E_γ	I_γ †	$E_i(\text{level})$	J_i^π	E_f	J_f^π
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.

 $^{55}\text{Mn}(\mu^-, 3n\gamma)$ 1971Ba10Level Scheme

Intensities: Relative I_γ

Legend

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

