

$^{55}\text{Mn}(\mu^-, 2n\gamma)$ 1971Ba10

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Huo Junde	NDS 110,2689 (2009)	31-Mar-2007

Target $J^\pi=5/2^-$.

$E \approx 0$, measured E_γ , I_γ , two Ge(Li) detectors.

Other: 1973Ev02.

 ^{53}Cr Levels

E(level)	J^π †
0.0	$3/2^-$
564.0 4	$1/2^-$
1006.0 4	$5/2^-$
1289.3 10	$7/2^-$
1536.0 9	$7/2^-$

† Adopted values.

 $\gamma(^{53}\text{Cr})$

E_γ	I_γ †	$E_i(\text{level})$	J_i^π	E_f	J_f^π	Comments
530.0 8	1.9 8	1536.0	$7/2^-$	1006.0	$5/2^-$	
564.0 4	2.9 5	564.0	$1/2^-$	0.0	$3/2^-$	
1006.0 4	7.2 18	1006.0	$5/2^-$	0.0	$3/2^-$	I_γ : 4 2 in 1973Ev02.
1289.3 10	4.0 20	1289.3	$7/2^-$	0.0	$3/2^-$	

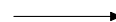


† Photons per 100 μ^- captures.

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Level Scheme

Intensities: Relative I_γ

Legend

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

