

⁵⁵Mn(p,t) 1976Mi09

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

$J^{\pi}({}^{55}\text{Mn})=5/2^{-}$.
E=51.9 MeV, FWHM≈80 keV, measured: $\sigma(E,\theta)$, DWBA analysis.
Other: 1964Ba34.

⁵³Mn Levels

E(level)	L	dσ/dΩ [†]	E(level)	L	E(level)	L
0.0			2560 20	2	3230 20	2
380 20	0	210	2680 20	2+4	3410 [‡] 20	4
1620 20			2920 [‡] 20	2+4	3590 [‡] 20	2+4
2270 20	0+2	78	3110 20	4	3770 [‡] 20	2+4

[†] dσ/dΩ(20°) in μb/sr.

[‡] Multiplet.