
⁵⁴Cr(p, α) [1970Ka03](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Huo Junde	NDS 109, 787 (2008)	30-Apr-2007

E=6.5-20.0 MeV, measured $\sigma(E,\theta)$; from the fluctuation analysis of $\sigma(E)$ for 5/2⁻ and 3/2 levels; the decay Γ 's of the compound nucleus ⁵⁵Mn were obtained for the 7105, 10150, and 15350.

⁵⁵Mn Levels

<u>E(level)[†]</u>	<u>T_{1/2}[‡]</u>
S(p)+7105	6 keV 1
S(p)+10150	9.5 keV 4
S(p)+15350	16.7 keV 6

[†] S(p)+E(p)(lab), S(p)=8067.0 4 from [2003Au03](#).
[‡] Γ (tot). The uncertainty was estimated by evaluator according to the dispersions in authors' measurement.