

$^{54}\text{Cr}(^3\text{He},n)$ 1975A105,1974Ev02

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Huo Junde, Huo Su, Yang Dong		NDS 112, 1513 (2011)	29-Oct-2009

1975A105: E=15 MeV, measured $\sigma(\theta, E(n))$, tof, DWBA analysis.

1974Ev02: E=15,18,21 MeV, measured $\sigma(\theta, E(n))$, DWBA analysis.

Other: 1972Ev02.

All data are from 1974Ev02, except as noted.

 ^{56}Fe Levels

E(level)	L^\dagger	$C^2S'^{\ddagger}$
0	0	
4730 30	0	
5410 30	0	0.76
6500 30	0	0.49
6870 30	(2)	
8110 30	0	0.34
9200 30	0	0.30

† Based on $\sigma(E(n), \theta)$ fits with DWBA.

‡ From DWBA (1975A105).