

$^{52}\text{Cr}(^3\text{He}, ^3\text{He}')$ 1971Mo39,1969Ar10

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yang Dong, Huo Junde		NDS 128, 185 (2015)	10-Jul-2015

1969Ar10: E=35.7 MeV, measured $\sigma(E(^3\text{He}),\theta)$.

1971Mo39: E=29 MeV, measured $\sigma(E(^3\text{He}),\theta)$, a 90 cm scattering chamber and 10 surface barrier counter telescopes, ≈ 70 keV FWHM. DWBA analysis.

 ^{52}Cr Levels

E(level) [‡]	J ^π	L [†]	β_L [‡]
0.0	0 ⁺		
1430	2 ⁺	2	0.20
4470	3 ⁻	3	0.135

[†] From DWBA analysis.

[‡] From 1969Ar10.