

$^{70}\text{Zn}(^3\text{He}, ^3\text{He}')$ **1971Ha45**

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	G. Gürdal, E. A. Mccutchan		NDS 136, 1 (2016)	1-Jul-2016

$E(^3\text{He})=24$ MeV. Measured $\sigma(\theta)$ for $\theta=15^\circ$ to 100° in 5° intervals using three Si(Li) ΔE -E telescopes; analysis using coupled-channel theory.

 ^{70}Zn Levels

E(level)	L	β_{LR}^\dagger	Comments
0			
884	2	1.16	β_{LR}' : average of values ranging from 1.10 to 1.23.
2850	3	0.842	β_{LR}' : average of values ranging from 0.791 to 0.898.

† From coupled-channel calculations assuming one-phonon transfer. Value given is an average of the results using five different optical model potentials.