
 $^{54}\text{Fe}(\text{p},\text{p}\alpha)$ **1984Ca09**

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Jun Chen and Balraj Singh		NDS 157, 1 (2019)	15-Apr-2019

1984Ca09: E(p)=101.5 MeV from the University of Maryland Sectored isochronous Cyclotron. Measured $\sigma(\theta(\text{p})=-70.0^\circ;\theta(\alpha)=+45.4^\circ)$, p α -coin using Si-HPGe telescope for protons, Si-Si(Li) telescope for α particles. FWHM<500 keV. DWIA analysis. Deduced α spectroscopic factors.

 ^{50}Cr LevelsE(level)0
 8×10^2