

$^{54}\text{Fe}(^{16}\text{O}, ^{16}\text{O}')$ 1973Be13

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yang Dong, Huo Junde		NDS 121, 1 (2014)	20-Jun-2014

E=60 MeV, ΔE -E Si surface barrier, measured $\sigma(\theta)$, deduced deformation parameters B.

 ^{54}Fe Levels

E(level)	J^π [†]	Comments
0	0 ⁺	
1400 50	2 ⁺	Potential deformation $\beta_2=0.088$.
3000 50	2 ⁺	Potential deformation $\beta_2=0.08$.

[†] From Adopted Levels.