

⁵⁸Fe(³He,d) **1965BI13**

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia		NDS 151, 1 (2018)	1-Apr-2018

1965BI13: E(³He)=22 MeV. Measured $\sigma(\theta)$ with ΔE -E semi telescope, FWHM=110 keV.
L values and spectroscopic factors are from comparisons of $\sigma(\theta)$ with DWBA calculations.

⁵⁹Co Levels

E(level)	J ^{π} [†]	L	C ² S
0.0	7/2 ⁻	3	0.17
1097 10	3/2 ⁻	1	0.11
1288 10	3/2 ⁻	1	0.34
1427 10	1/2 ⁻	1	0.37
≈2080		3	[‡]

[†] From Adopted Levels; assumed when deducing C²S (**1965BI13**).
[‡] C²S=0.38 if J=5/2 for all members of this multiplet (**1965BI13**).