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 ${}^{56}\text{Fe}({}^{16}\text{O}, {}^{12}\text{C})$  [1979Ha23](#)

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	E. Browne, J. K. Tuli		NDS 114, 1849 (2013)	31-Dec-2012

$E({}^{16}\text{O})=50$  MeV. Measured  $\sigma(\theta)$ ,  $\theta(\text{c.m.})\approx 30^\circ$  to  $60^\circ$ . Magnetic spectrograph,  $\text{FWHM}\approx 65$  keV. Data compared with DWBA calculations. Relative spectroscopic factors are compared with ( ${}^6\text{Li}, d$ ) data from the literature ([1979Ha23](#)).

 ${}^{60}\text{Ni}$  LevelsE(level)

0  
1330 20  
2160 20  
2504 20  
3130 20  
3331 20  
3570 20  
3660 20  
4040 20