

$^{58}\text{Fe}(\mathbf{d},\alpha)$ 1972Ke04

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Huo Junde, Huo Su, Yang Dong		NDS 112, 1513 (2011)	29-Oct-2009

E=15 MeV, 25-keV FWHM; measured $\sigma(E,\alpha,\theta)$, DWBA analysis.
See also [1964Bj01](#).

 ^{56}Mn Levels

E(level)	L [†]	C ² S [‡]	Comments
0	2+4	6.1+4.5	
25	2	10.0	
107	0+2	3.4+1.8	
219			E(level): may be composed of 212 and 215.
334	4	49.5	
449	2+4	1.7+2.5	
485	2	14.2	
707	4	26.5	
747	2+4	13.0+23.4	
1245	2	61.0	

[†] Based on $\sigma(E,\alpha,\theta)$ fits with DWBA.

[‡] From DWBA.