

$^{80}\text{Se}(\text{d}, ^6\text{Li})$ 1982Va08

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh, Jun Chen and Ameenah R. Farhan		NDS 194,3 (2024)	8-Jan-2024

E=45 MeV.

1982Va08 (also 1983VaZH thesis): magnetic spectrograph of QMG/2 type. FWHM=80 keV. Measured $\sigma(\theta)$ data from 6° to 30° (lab). Absolute σ accurate to 15%. DWBA analysis. Transferred α particle treated as a J=0 cluster.

1985Ca10: theoretical, calculated σ and stripping ratios.

 ^{76}Ge Levels

E(level)	L	S [†]	Comments
0	0	0.51	
560	2	0.27	
1120	2	0.09	
1410	4	0.06	
1970	0+4		Unresolved doublet with JPI=0 ⁺ and 4 ⁺ . S: 0.04 for L=4 and <0.01 for L=0.

[†] $(2J+1)\sigma(\text{expt})/\sigma(\text{DWBA})$.