

${}^{64}\text{Zn}(\text{d}, {}^6\text{Li})$  1977Ha47

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

E(d)=55 MeV. Measured  $\sigma(\theta)$ ,  $\theta(\text{c.m.})\approx 10^\circ$  to  $35^\circ$ . Semi telescope, scintillators, enriched target. FWHM $\approx 200$  keV. Data compared with DWBA calculations (1977Ha47).

Other: 1973Ce02.

For theoretical analysis of  $\sigma(\theta)$  data, see 1988Ra27.

 ${}^{60}\text{Ni}$  Levels

E(level)	L	S <sup>†</sup>	Comments
0.0	0	0.42	
1330 20	2	0.20	
2520 20	4	0.15	
3240? 20			
3660 20	4	0.11	
4070 20	3	0.31	
5080 20			E(level): Doublet.
5970 20			

<sup>†</sup> Relative reduced strength,  $(2J+1)d\sigma/d\Omega(\text{exp})/d\sigma/d\Omega(\text{DWUCK})$ .