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 ${}^{66}\text{Zn}({}^6\text{Li},\text{d})$  **1980Ar14**

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	G. Gürdal, E. A. Mccutchan		NDS 136, 1 (2016)	1-Jul-2016

**1980Ar14:**  ${}^{66}\text{Zn}({}^6\text{Li},\text{d})$ ,  $E({}^6\text{Li})=34$  MeV by Los Alamos Van de Graaf accelerator. The deuterons were identified and measured by Q3D magnetic spectrometer with one meter long detector in the focal plane. Resolution (FWHM)=60 keV. Measured  $\sigma(\theta)$ . Results were compared with DWBA predictions assuming  $L=0$  and alpha cluster form factor.

 ${}^{70}\text{Ge}$  Levels

<u>E(level)</u>	<u>L</u>	<u>S<sup>†</sup></u>
0.0	0	3.03
1210	0	0.14

<sup>†</sup>  $\sigma(\theta)(\text{exp})/\sigma(\theta)(\text{DWBA})$ .