

$^{76}\text{Ge}(\text{pol d,d}')$ 1985Se05

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=8, 16 MeV. Measured $\sigma(\theta)$ and vector analyzing powers (VAP) for g.s. and first 2^+ state. Coupled-channel calculations using form factors for vibrational and rotational models, deduced optical-model and deformation parameters.

 ^{76}Ge Levels

E(level)	J^π [†]	Comments
0	0^+	
562	2^+	$\beta_2=0.197$ 10 $\sigma(\theta)$ and VAP data are in agreement with calculations when prolate symmetric rotational model is used.

[†] From the Adopted Levels.