

$^{28}\text{Si}(^6\text{Li,t})$  1978Wo01

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Jun Chen and Balraj Singh		NDS 184,29 (2022)	24-Jun-2022

**1978Wo01:** E( $^6\text{Li}$ )=34.0 MeV from LASL FN Tandem Van de Graaff accelerator. Enriched targets of  $^{32}\text{Si}$ . Tritons were analyzed using a magnetic spectrograph with a (Q3D) quadrupole-dipole-dipole-dipole arrangement and a helical cathode proportional counter for  $\Delta E$  and a plastic scintillator for E in the focal plane. FWHM typically 50-100 keV.

 $^{31}\text{S}$  Levels

E(level) <sup>†</sup>	Comments
0	
1250 50	
2230 50	
3270 50	
3340 50	
3450 50	
4080 50	
4450 50	
4580 50	
4970?	Spectrum label unclear but seems to indicate this.

<sup>†</sup> Uncertainty estimated by evaluator from spectrum.