

$^{58}\text{Ni}(\text{pol t,d})$ 1979F101

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia		NDS 151, 1 (2018)	1-Apr-2018

E(pol t)=16 MeV. Measured $\sigma(\theta)$, analyzing power with magnetic spectrograph, FWHM=15-18 keV, $\theta(\text{lab})=15^\circ-60^\circ$ in steps of 5° (1979F101).

 ^{59}Ni Levels

E(level) [†]	J ^{π} [‡]	L [‡]
0.0	3/2 ⁻	1
339	5/2 ⁻	3
465	1/2 ⁻	1
1948	(7/2 ⁻)	3

[†] From 1979F101. ΔE unstated; however, E values are identical to rounded-off values from Adopted Levels.

[‡] From 1979F101 based on comparisons of $\sigma(\theta)$ and analyzing power with DWBA calculations. Fit to analyzing power is poor for 1948 level; evaluator, therefore, indicates deduced J as tentative.