

${}^{61}\text{Ni}({}^3\text{He},\alpha)$  [1968Ru02](#)

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

$E({}^3\text{He})=25$  MeV. Measured  $E(\alpha)$ ,  $\sigma(\theta)$ ,  $\theta(\text{c.m.})\approx 10^\circ$  to  $90^\circ$ . FWHM $\approx 140$  keV. Data compared with DWBA calculations ([1968Ru02](#)).

For a study of spectra from emitted particles, see [1981Bu26](#).

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

<u>E(level)</u>	<u>L</u>	<u>S</u>
0.0	1	0.35
1330 40	1	0.40
2200 40	3	1.71
2590 40	(3)	0.43
3200 40	(3)	0.91
6150 40	(3)	0.72