

$^{148}\text{Nd}(t,p)$ 1972Ch11

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	S. K. Basu, A. A. Sonzogni		NDS 114, 435 (2013)	1-Apr-2013

E=13 MeV; 92.9% enriched, 200 $\mu\text{g}/\text{cm}^2$ ^{148}Nd target; measured proton spectra in a multi-angle magnetic spectrograph with emulsion-plate detectors.

Measured ground state $Q(\beta^-)$ value to be 4125 (30) keV.

 ^{150}Nd Levels

<u>E(level)</u>	<u>L[†]</u>
0	0
135 15	(2)
675 15	0
851 15	(2)

[†] L=0 assigned on basis of proton $\sigma(\theta)$ shapes.