
 $^{169}\text{Tm}(\text{e},\text{e}'\text{p})$ IAR **1976Su02**

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Coral M. Baglin	NDS 109, 2033 (2008)	15-Jun-2008

Analyzed protons ($E(\text{p}) > 4.7$ MeV) with broad-range magnetic spectrometer, set at $\theta = 125.3^\circ$ relative to the electron beam (100 solid-state detectors); 99%-purity Tm target; investigated excitation energies from 15 MeV to 18 MeV.

 ^{169}Tm Levels

<u>E(level)</u>	<u>J^π[†]</u>	<u>$\Gamma_{\gamma 0}$[‡]</u>	<u>Comments</u>
1.576×10^4 <i>I3</i>	$1/2^-$	10.0 <i>I1</i>	Analog of $1/2^-$ $^{169}\text{Er}(\text{g.s.})$.
1.634×10^4 <i>I4</i>	$(1/2)^-$	13.9 <i>I2</i>	Analog of $(1/2)^-$ $^{169}\text{Er}(562.0 \text{ level})$.

[†] From J^π of analog state in ^{169}Er .

[‡] E1 radiative Γ (eV).