

$^{171}\text{Yb}(n,\alpha)$ 1974Em01

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Coral M. Baglin	NDS 111, 1807 (2010)	15-Jun-2010

E(n)=thermal ([1965An04](#),[1974Em01](#)).

E(n)=res ([1978Ba69](#),[1982Ka13](#)).

E(n)=14.12, 18.18 MeV ([1976Gl04](#)).

Reported levels are from [1974Em01](#); natural Yb target; measured $\sigma(E\alpha)$ (surface barrier detector, FWHM \approx 35-100).

 ^{168}Er Levels

<u>E(level)</u>	<u>Jπ[†]</u>
0.0	0 ⁺
897	3 ⁺

[†] Adopted values.