

$^{171}\text{Yb}(^3\text{He},^3\text{He}'\gamma)$ 2004Ag05

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin, E. A. Mccutchan		NDS 151, 334 (2018)	30-Jun-2018

$E(^3\text{He})=45$ MeV; 95% isotopically-enriched target; measured particle- γ coin using CACTUS array (8 Si-Si(Li) particle telescopes At $\theta(\text{lab})=45^\circ$, 28 collimated NaI detectors surrounding target and one to three Ge detectors); deduced level density and radiative strength function; observed pygmy resonance. see also [2005Ag15](#), [2012GuZY](#).

 ^{171}Yb Levels

E(level)	Comments
3.54×10^3 10	E(level): pygmy resonance; $\Gamma=0.91$ MeV 18, $\sigma=0.50$ mb 9 (2004AG05).