

${}^1\text{H}({}^8\text{He},\text{d})$ 2002Ti10

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Hu, Tilley, Kelley, Godwin et al.		NP A708, 3 (2002)	23-Aug-2001

1999Ko14: ${}^1\text{H}({}^8\text{He},\text{d})$ E=50 MeV/nucleon, measured $\sigma(\theta)$, deuteron spectra, Nd-, (He)d-coin. ${}^7\text{He}$ deduced excited state energy, width, possible J, π .

2000Ko46: ${}^1\text{H}({}^8\text{He},\text{d})$ E not given, measured deuteron spectra, (He)d-coin. ${}^7\text{He}$ deduced excited state energy, width, possible J, π . ${}^1\text{H}({}^8\text{He},2\text{p})$, ${}^7\text{H}$ deduced possible resonance.

2002Ko24: ${}^1\text{H}({}^8\text{He},\text{d})$ E=50 MeV/nucleon, measured particle spectra. ${}^7\text{He}$ deduced excited state.

 ${}^7\text{He}$ Levels

E(level)	J $^\pi$	T $_{1/2}$	Comments
2.9×10^3 3	(5/2 $^-$)	2.2 MeV 3	$\Gamma_\alpha/\Gamma=0.7$ 2