

${}^9\text{Be}(\pi^-,pd)$ 2003Gu17,2009Gu17

Type	Author	Citation	History	Literature Cutoff Date
Full Evaluation	J. E. Purcell, C. G. Sheu	ENSDF		23-March-2017

Resonances in ${}^6\text{H}$ were observed at LAMPF by measuring the ${}^3\text{He}+3n$ missing mass spectrum following the capture of stopped π^- on a ${}^9\text{Be}$ target, via ${}^9\text{Be}(\pi^-,pd)$. Measurements were also carried out on a ${}^{11}\text{B}$ target. Also see (2005Gu07,2007Gu24).

 ${}^6\text{H}$ Levels

E(level)	Γ	$E_{\text{res}}({}^3\text{H}+3n)(\text{MeV})$
3.4×10^3 8	5.5 MeV 20	6.6 7
8.0×10^3 8	4 MeV 2	10.7 7
12.6×10^3 8	3 MeV 2	15.3 7
18.6×10^3 5	3.5 MeV 10	21.3 4