

${}^{11}\text{B}(\pi^-, \text{p}4\text{He})$ [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 ${}^3\text{H}+3\text{n}$ missing mass spectrum following the capture of stopped π^- on a ${}^{11}\text{B}$ target, via ${}^{11}\text{B}(\pi^-, \text{p}\alpha)$. Measurements were also carried out on a ${}^9\text{Be}$ target. Also see ([2005Gu07](#), [2007Gu24](#)).

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

E(level)	Γ	$E_{\text{res}}({}^3\text{H}+3\text{n})(\text{MeV})$
4.1×10^3 7	5.8 MeV 20	7.3 10
12.3×10^3 7	5.5 MeV 20	14.5 10
18.7×10^3 5	5.5 MeV 20	22.0 10