^{9}Be(^{11}B,^{14}O) 1986Be35

History

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

E(^{11}B)=88 MeV from Dubna U-300 cyclotron; the ^{14}O ejectile energy spectrum was analyzed in the 52 to 58 MeV region. A broad enhancement was observed near 53 MeV which was attributed to an unbound state of ^{6}H at 2.6 MeV *5* above the ^{3}H+3n threshold with a width of 1.3 MeV *5*. The cross section at the peak was found to be about 16 nb/sr at a $\theta_{lab}\approx 8°$.

^{6}H Levels

E(level)	Γ	E_{res}(^{3}H+3n)(MeV)
0	1.3 MeV *5*	2.6 *5*