

$^{11}\text{B}(n,\alpha)$  1990Pa22,1991Pa26

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, J. E. Purcell and C. G. Sheu		NP A968, 71 (2017)	1-Jan-2017

1962Ka37:  $^{11}\text{B}(n,\alpha)$  E=1.0 eV-14.7 MeV, measured activation products.

1970Sc29:  $^{11}\text{B}(n,\alpha)$  E=15.5-19 MeV, measured  $\sigma(E)$ .

1973Bo26:  $^{11}\text{B}(n,\alpha)$  E=14.1 MeV, measured  $\sigma(E_\alpha, \theta)$ .

1979An18:  $^{11}\text{B}(n,\alpha)$  E=14.4 MeV, measured  $\sigma(\theta)$ .

1990Pa22,1991Pa26:  $^{11}\text{B}(n,\alpha)$  E=7.6-12.6 MeV, measured yield. Deduced astrophysical S-factor,  $^{12}\text{B}$  resonance  $E_x$ ,  $\Gamma$ .

 $^{12}\text{B}$  Levels

E(level)	$\Gamma$	Comments
10580?	200 keV	E(level), $\Gamma$ : From $E_{c.m.} \approx 580$ keV and $\Gamma \approx 200$ (1990Pa22,1991Pa26). This level has not been reported in any other studies; see discussion in (1994Ma06).