

${}^{11}\text{B}(\text{n},\alpha)$ 2004Ti06

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Update	J. H. Kelley, J. L. Godwin, C. G. Sheu		ENSDF	31-Mar-2004

1970Sc29: ${}^8\text{Li}$ [from ${}^{11}\text{B}(\text{N},\alpha)$ E=15.5-19 MeV], measured $T_{1/2}$, E(delayed α), $\alpha\alpha$ -coin, $\sigma(\text{E})$.

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

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

1990Pa22: ${}^{11}\text{B}(\text{N},\alpha)$ E=7.6-12.6 MeV, measured $\sigma(\text{E})$. Deduced astrophysical factor for ${}^8\text{Li}(\alpha,\text{N}){}^{11}\text{B}$.

1991Pa26: ${}^{11}\text{B}(\text{N},\alpha)$ E=7.6-12.6 MeV, measured yield. Deduced ${}^8\text{Li}(\alpha,\text{N})$ reaction astrophysical S-factor.

 ${}^8\text{Li}$ Levels

E(level)

0

980