

$^{10}\text{B}(\text{d,p}),(\text{d,d}),(\text{d},\alpha)$:res [1969Lo01,1978Bu04,2005Ru16](#)

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

[1956Ma69](#): $^{10}\text{B}(\text{d,p}),(\text{d},\alpha)$ E=1-3 MeV, Measured $\sigma(\theta)$.
[1968Fr07](#): $^{10}\text{B}(\text{d},\alpha)$ E=0.5-2 MeV, measured $\sigma(\theta)$.
[1969Lo01](#): $^{10}\text{B}(\text{d,d})$ E=1-2 MeV, measured $\sigma(E,\theta)$.
[1978Bu04](#): $^{10}\text{B}(\text{d},\alpha)$ E=0.8-9 MeV, measured $\sigma(\theta)$.
[2005Ru16](#): $^{10}\text{B}(\text{d,p})$ $E_{\text{c.m.}}=0-2.5$ MeV.

 ^{12}C Levels

E(level)	J^π	$T_{1/2}$
$\approx 25500^\dagger$	1^-	370 keV
$\approx 25690^\dagger$	1^-	370 keV
$\approx 26.0 \times 10^3 \ddagger\#$		≈ 0.5 MeV
$\approx 26320^\dagger$	2^+	710 keV
$\approx 26530^\dagger$	1^-	1.24 MeV
$\approx 27.0 \times 10^3 \ddagger\#$		≥ 1 MeV
$\approx 28.9 \times 10^3 \#$		≥ 1 MeV
$\approx 30.2 \times 10^3 ?\#$		

† Observed in $^{10}\text{B}(\text{d,p})$ ([2005Ru16](#)).

‡ Observed in $^{10}\text{B}(\text{d,d})$ ([1969Lo01](#)).

$\#$ Observed in $^{10}\text{B}(\text{d},\alpha)$ ([1968Fr07,1978Bu04](#)).