

Table 11.22 from (1975AJ02): Possible $T = \frac{3}{2}$ states in ^{11}C ^a

Reaction	E_x (MeV)	$\Gamma_{\text{c.m.}}$ (keV)	Refs.
$^9\text{Be}(^3\text{He}, \text{n})^{11}\text{C}$	12.17 ± 0.05	200 ± 100	(1971WA21)
$^{10}\text{B}(\text{p}, \text{p}_2)^{10}\text{B}^{**}$	12.20 ± 0.10		(1971WA21)
$^{11}\text{B}(^3\text{He}, \text{t})^{11}\text{C}$	12.15 ± 0.05	290 ± 50	(1971WA21)
	12.16 ± 0.04 ^b	270 ± 50	mean
$^9\text{Be}(^3\text{He}, \text{n})^{11}\text{C}$	12.55 ± 0.05	350 ± 100	(1971WA21)
$^9\text{Be}(^3\text{He}, \text{n})^{11}\text{C}$	12.5 ± 0.1		(1969BR30)
$^{10}\text{B}(\text{p}, \text{p}_2)^{10}\text{B}^{**}$	12.45 ± 0.10	400 ± 100	(1971WA21)
$^{11}\text{B}(^3\text{He}, \text{t})^{11}\text{C}$	12.57 ± 0.07	370 ± 90	(1971WA21)
$^{13}\text{C}(\text{p}, \text{t})^{11}\text{C}$	12.47 ± 0.06	550 ± 50	(1968CO26)
$^{13}\text{C}(\text{p}, \text{t})^{11}\text{C}$	12.48 ± 0.04	540 ± 60	(1974BE20)
	12.50 ± 0.03	490 ± 40	mean
$^9\text{Be}(^3\text{He}, \text{n})^{11}\text{C}$	13.7 ± 0.1		(1969BR30)
$^{11}\text{B}(^3\text{He}, \text{t})^{11}\text{C}$	13.92 ± 0.05	260 ± 50	(1971WA21) ^a

^a See also Table 11.19 for $T = \frac{3}{2}$ states in ^{11}B .

^b See, however, reaction 32 (1974BE20).