

Table 11.21 from (1980AJ01): Possible  $T = \frac{3}{2}$  states in  $^{11}\text{C}$  <sup>a</sup>

Reaction	$E_x$ (MeV)	$\Gamma_{\text{c.m.}}$ (keV)	Refs.
$^9\text{Be}(^3\text{He}, \text{n})^{11}\text{C}$	$12.17 \pm 0.05$	$200 \pm 100$	(1971WA21)
$^{10}\text{B}(\text{p}, \text{p}_2)^{10}\text{B}^*$	$12.20 \pm 0.10$		(1971WA21)
$^{11}\text{B}(^3\text{He}, \text{t})^{11}\text{C}$	$12.15 \pm 0.05$	$290 \pm 50$	(1971WA21)
	$12.16 \pm 0.04$ <sup>b</sup>	$270 \pm 50$	mean
$^9\text{Be}(^3\text{He}, \text{n})^{11}\text{C}$	$12.55 \pm 0.05$	$350 \pm 100$	(1971WA21)
$^{10}\text{B}(\text{p}, \text{p}_2)^{10}\text{B}^*$	$12.45 \pm 0.10$	$400 \pm 100$	(1971WA21)
$^{11}\text{B}(^3\text{He}, \text{t})^{11}\text{C}$	$12.57 \pm 0.07$	$370 \pm 90$	(1971WA21)
$^{13}\text{C}(\text{p}, \text{t})^{11}\text{C}$	$12.47 \pm 0.06$	$550 \pm 50$	(1968CO26) <sup>c</sup>
$^{13}\text{C}(\text{p}, \text{t})^{11}\text{C}$	$12.48 \pm 0.04$	$540 \pm 60$	(1974BE20)
	$12.51 \pm 0.03$	$490 \pm 40$	mean
$^9\text{Be}(^3\text{He}, \text{n})^{11}\text{C}$	$13.7 \pm 0.1$		(1969BR30)
$^{11}\text{B}(^3\text{He}, \text{t})^{11}\text{C}$	$13.92 \pm 0.05$	$260 \pm 50$	(1971WA21) <sup>a</sup>

<sup>a</sup> See also Table 11.18 for  $T = \frac{3}{2}$  states in  $^{11}\text{B}$ .

<sup>b</sup> See, however, reaction 34 (1974BE20).

<sup>c</sup> See also (1974MA12).