

Table 13.12 from (1976AJ04):  
Levels of  $^{13}\text{C}$  from  $^{11}\text{B}(^3\text{He}, \text{p})^{13}\text{C}$  <sup>a</sup>

$E_x$ (MeV $\pm$ keV)	$\Gamma_{\text{c.m.}}$ (keV)	Refs.
0		(1955BI26, 1958MO99, 1963GA03)
3.09		(1955BI26, 1958MO99, 1963GA03, 1971ME01)
3.68	< 5	(1955BI26, 1958MO99, 1963GA03, 1971ME01)
3.85	< 5	(1958MO99, 1963GA03, 1971ME01)
$6.871 \pm 12$ <sup>b</sup>	< 10	(1959YO25, 1963GA03, 1971ME01)
$7.500 \pm 12$	< 5	(1959YO25, 1963GA03, 1971ME01)
$7.554 \pm 12$	< 5	(1959YO25, 1963GA03, 1971ME01)
$7.694 \pm 14$	$70 \pm 10$	(1959YO25, 1963GA03, 1971ME01)
$8.869 \pm 36$	$150 \pm 30$	(1959YO25, 1971ME01)
$9.509 \pm 12$	< 10	(1959YO25, 1971ME01)
$9.896 \pm 12$ <sup>c</sup>	< 10	(1959YO25, 1971ME01)
$10.76 \pm 10$		(1971ME01)
$10.82 \pm 10$		(1971ME01)
$11.01 \pm 10$		(1971ME01)
$11.09 \pm 10$		(1971ME01)
(11.72) <sup>d</sup>		(1973AD02)
15.11		(1973AD02)

<sup>a</sup> A number of higher states were reported in Table 13.7 of (1970AJ04): however, the references for these levels have not been published.

<sup>b</sup> Decay is by n-emission to  $^{12}\text{C}_{\text{g.s.}}$ : branching ratio =  $0.99 \pm 0.09$  (1973AD02).

<sup>c</sup> Branching ratios for neutron decay to  $^{12}\text{C}^*(0, 4.4) = 1.0 \pm 0.2$  and  $< 0.15$ , respectively (1973AD02).

<sup>d</sup> For this state these branching ratios are  $0.67 \pm 0.16$  and  $0.33 \pm 0.08$ , respectively (1973AD02).