

Table 11.27 from (1975AJ02): Levels of ^{11}C from $^{12}\text{C}(^3\text{He}, \alpha)^{11}\text{C}$ ^a

E_x (MeV \pm keV)	l ^d	S_{rel}		
		$E(^3\text{He}) = 16$ MeV ^f	24 MeV ^g	28 MeV ^g
0	1	1	1	1
1.999 ± 4 ^b	1	0.10	≤ 0.6	≤ 0.6
4.3188 ± 1.2 ^c	3	0.057	(0.04)	(0.06)
4.8042 ± 1.2 ^c	1	0.11	0.22	0.22
6.3392 ± 1.4 ^c	0	0.003 ^h	≤ 0.07	≤ 0.07
6.4782 ± 1.3 ^c	3	0.11 ^h	0.06	(0.06)
6.9048 ± 1.4 ^c	2	0.018	(0.15)	(0.17)
7.4997 ± 1.5 ^c	2	0.006 ^h	(0.07)	(0.09)
8.1045 ± 1.7 ^c	1 ^e	0.017 ^{h,i}		
8.43	3 ^e	0.034 ^{h,j}		

^a See Table 11.21 for γ -decay work (EA68).

^b (EA68).

^c (BR70G).

^d (BO70Q). See also (AR68I, GR70D).

^e (FO70E).

^f (GR70D).

^g (FU73).

^h At $E(^3\text{He}) = 18$ MeV.

ⁱ Assuming $J^\pi = \frac{3}{2}^-$.

^j Assuming $J^\pi = \frac{5}{2}^-$.