

Table 14.2 from (1970AJ04):
 ^{14}C levels from $^{12}\text{C}(t, p)^{14}\text{C}$

E_x^a (MeV \pm keV)	(1964MI05) ^b L	(1960JA17) ^c L
0	0	0
6.090 ± 10	(2)	1
6.582 ± 10	1	1
6.725 ± 10	(2)	3
6.893 ± 10	e	e
7.009 ± 10	(2)	0
7.335 ± 10	e	e
8.32	2 ^f	
10.74 ± 20^d		

^a The excitation energies of the first six excited states have been determined by (1960JA17); the seventh comes from the $^{13}\text{C}(n, n)^{13}\text{C}$ work of (1961CO05); the eighth has been determined by (1964MI05).

^b $E_t = 11$ MeV; except ground state $E_t = 8$ to 13 MeV.

^c $E_t = 5.5$ MeV.

^d $\Gamma < 15$ keV. No states are observed between this level and the broad state at 11.9 MeV (1964MI05).

^e Weak group.

^f (1964MI05) suggest $J^\pi = 2^+$; see, however, (1961CO05).