Table 13.14 from (1970AJ04): Levels of ^{13}C from ^{12}C(d, p)^{13}C

^{13}C* (MeV ± keV)				l_n	J^π	θ_n^2 (%) [f]
(1951ST19, 1951VA1A)	(1954SP01)	(1956DO41, 1961JA23)	(1955MC75)			
0	0		0	1 [d]	$\frac{1}{2}^-, \frac{3}{2}^-$	2.6 [g]
3.086 ± 6	3.090 ± 10	3.093 ± 6	3.09 [a]	0 [d]	$\frac{1}{2}^+$	14 [h]
3.686 ± 11	3.684 ± 10	[3.681 ± 3]	3.68 [a]	1 [d]	$\frac{1}{2}^-, \frac{3}{2}^-$	0.7
	3.855 ± 7	[3.851 ± 3]	3.84 [a]	2 [d]	$\frac{3}{2}^+, \frac{5}{2}^+$	4.7
			6.87 [a]	(0, 2) [e]	$(\leq \frac{5}{2}^+)$	
			7.470 ± 20			
			7.533 ± 20			
			7.641 ± 20 [b]			
			8.4 ± 300 [c]			
			9.500 ± 20			
			9.897 ± 20			
			10.759 ± 20			

[a] Energies given for identification only.

[b] $\Gamma = 70 \pm 15$ keV.

[c] $\Gamma = 1.1 \pm 0.3$ MeV.

[d] See (1959AJ76) for early references.

[e] (1955MC75).

[f] PWBA and DWBA analyses: $E_d = 8$ and 12 MeV (1966GL01).

[g] 3.7 ± 0.3 (1961HA19), 3.5 (1964SC12); see also (1966KA05).

[h] 15.7 (1964SC12).