Table 14.8 from (1991AJ01): R-matrix analysis of ^{13}C(n, n) [a]

E_n (keV)	E_x (MeV)	$\Gamma_{c.m.}$ (keV)	J^π
152.9 ± 1.4	8.3184 ± 0.9	3.4 ± 0.7	
1736	9.79	14	3^-
1754	9.8	38	1^-
2426	10.43	9	$3^{(-)}$
2445	10.45	7	$(1^+, 2)$
2504	10.50	$\ll 5$	≥ 1
3358	11.292	170	1^+
3500	11.4	2700	1^-
3700	11.6	1300	2^-
4330	12.19	370	1^-
4770	12.60	180	2^-
5050 [b]	12.86		
5162 [b]	12.97		
6000	13.7	1800	2^-
6950	14.62	390	(1^-)
7048	14.716	90	4^+
7260	14.91	250	(1^+)
7950	15.55	270	3^-
8300	15.9	630	(1^-)
8340	15.91	330	4^+
9100	16.6	780	(1^+)
10200	17.6	1300	(1^+)

[a] For the 153 keV resonance see Table 14.8 in (1981AJ01); for the structures at $E_n < 3$ MeV see (1981AJ01) and (1981LA05) [quoted in Table 14.9 of (1986AJ01)]; for higher energy structures see (1989RE01).

[b] See Table 14.9 in (1986AJ01).