

Table 14.9 from (1976AJ04):
Levels of ^{14}C from the $^{15}\text{N}(\text{d}, ^3\text{He})$ reaction ^a

E_x (MeV)	l	J^π ^a	C^2S
g.s.	1		1.10
6.12 ± 0.04	b		^d
6.73 ± 0.04	b		(< 0.11)
7.02 ± 0.03	1		1.13
7.34 ± 0.04	b		(< 0.04)
8.32	1	2^+	0.86
9.78 ± 0.04	b		
10.44 ± 0.03		$((0), 1, 2)^+$	0.39
11.29 ± 0.04	1	1^+	1.23
11.67 ± 0.05	b		
12.08 ± 0.10	b		
12.60 ± 0.08	b		
14.81 ± 0.08			
^c			

^a (1971KA18).

^b Dominant non-stripping reaction mechanism.

^c Several other weak transitions occur up to $E_x \approx 18$ MeV.

^d C^2S for $^{14}\text{C}^*(6.59) < 0.01$.