

Table 15.21 from (1991AJ01):
Levels of ^{15}O from $^{14}\text{N}(\text{d}, \text{n})$ and $^{14}\text{N}(^3\text{He}, \text{d})$ ^a

E_x in ^{15}O ^b (MeV \pm keV)	l_p	S	J^π
0	1 ^d	0.87	$\frac{1}{2}^-$
5.18	(0) ^e	0	$\frac{1}{2}^+$
5.2410 ± 0.5 ^c	2 ^d	(0.03)	$\frac{5}{2}^+$
6.180 ± 4 ^c	1 ^d	0.04	$\frac{3}{2}^-$
6.79	0 ^d	≤ 0.3	$\frac{3}{2}^+$
6.8598 ± 1.0 ^c	2 ^d	0.4	$\frac{5}{2}^+$
7.2762 ± 0.6 ^c	2 ^d	0.42	$\frac{7}{2}^+$
7.56	0 ^d	≤ 0.4	$\frac{1}{2}^+$
8.28	0 ^e		$\frac{3}{2}^+$

^a See [Tables 15.27 in \(1970AJ04\)](#) and [15.26 in \(1976AJ04\)](#) for references and additional information.

^b Nominal energies if uncertainty is not indicated.

^c From γ -ray measurements.

^d From both (d, n) and (^3He , d) work: see [\(1976AJ04\)](#).

^e From (^3He , d).