

Table 20.3 from (1998TI06):
Energy Levels of ^{20}O from $^{18}\text{O}(t, p)^{20}\text{O}$ ^a

E_x (keV)	L	J^π
0.0	0	0^+
1674 ± 3 ^b	2	2^+
3570 ± 7	4	4^+
4072 ± 4	2	2^+
4456 ± 5 ^c	0	0^+
4850 ± 15	4	4^+
5002 ± 6		
5234 ± 5	2	2^+
5304 ± 6 ^c	2	2^+
5387 ± 6	0	0^+
5614 ± 3	(3)	(3^-)
6555 ± 8		(2)
7252 ± 8	5	5^-
7622 ± 7	$3 + 4$	$3^- + 4^+$
7754 ± 5	4	4^+
7855 ± 6	(5)	(5^-)
8554 ± 8	4	4^+
8804 ± 9	3	3^-
8962 ± 21	(0)	(0^+)
9770 ± 8 ^d	0	0^+
10125 ± 11	2	2^+

^a (1979LA18): $E_t = 15$ MeV. See also Table 20.3 in (1978AJ03) and (1979FO17, 1979PI01).

^b E_γ leads to $E_x = 1673.68 \pm 0.15$ keV (1973WA19).

^c 6p-2h structure: see (1979LA04, 1979LA18).

^d This strong state suggests that $(fp)^2$ excitations are important (1979LA18).