Table 20.2 from (1983AJ01):
Energy levels of ^{20}O from ^{18}O(t, p)^{20}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).