Table 20.3 from (1978AJ03):
Energy levels of ^{20}O from ^{18}O(t, p)^{20}O

E_x (MeV $\pm$ keV) (1962HI06)	L	J^π
0	0 [a,b]	0^+
1.672 ± 5 [c]	2 [a,b]	2^+
3.568 ± 5	4 [a]	4^+
4.065 ± 5 [d]	2 [a,b]	2^+
4.446 ± 7 [d]	0 [a]	0^+
4.838 ± 7		
4.997 ± 7		
5.220 ± 7 [d]		
5.298 ± 7 [d]		
5.382 ± 7 [d]		
5.603 ± 7		
(5.83 ± 20)		

[a] (1964MI05): $E_t = 10.0$ MeV.

[b] (1965MO19): $E_t = 5.55$ MeV.

[c] E_γ measurements lead to $E_x = 1.67368 \pm 0.15$ (1973WA19), 1.6750 ± 1.0 (1975BE15).

[d] Preliminary results by K. Young (private communication) show that ^{20}O*(4.07) decays to ^{20}O*(0, 1.67) with branching ratios of 26 ± 4 and $74 \pm 4\%$: δ(E2/M1) $= -0.18 \pm 0.10$; the work also favors 0^+ for ^{20}O*(4.45, 5.38) (decay is to ^{20}O*(1.67)). ^{20}O*(5.22, 5.30) appear to decay predominantly through ^{20}O*(1.67) also.