

Table 17.16 from (1977AJ02):
 $T = \frac{3}{2}$ states of ^{17}O from $^{18}\text{O}(^3\text{He}, \alpha)^{17}\text{O}$ ^{a,b}

| E_x (MeV \pm keV) | l_n | J^π | C^2S ^c |
|-----------------------|-------|-------------------|---------------------|
| 11.082 \pm 6 | 1 | $(\frac{1}{2})^-$ | 0.49 |
| 12.471 \pm 5 | 1 | $(\frac{3}{2})^-$ | 0.27 |
| 12.950 \pm 8 | 0 | $\frac{1}{2}^+$ | 0.096 |
| 12.994 \pm 8 | | | |
| 13.640 \pm 5 | 2 | $(\frac{5}{2})^+$ | 0.39 |
| 14.219 \pm 8 | | | |
| 14.282 \pm 12 | | | |
| 15.101 \pm 8 | | | |

^a See also [Table 17.11](#).

^b (1969DE06).

^c Calculated assuming $C^2S = 4$ for $^{15}\text{O}^*(6.18)$.