

Table 15.30 from (1970AJ04):  
Excited states of  $^{15}\text{O}$  from  $^{16}\text{O}(^3\text{He}, \alpha)^{15}\text{O}$

| $E_x$ (MeV $\pm$ keV) | Refs.      | $l^b$ | $J$           | Refs.                |
|-----------------------|------------|-------|---------------|----------------------|
| 0                     |            | 1     |               |                      |
| 5.174 $\pm$ 10        | (1959HI68) | 0     |               |                      |
| 5.167 $\pm$ 15        | (1959YO25) |       |               |                      |
| 5.193 $\pm$ 11        | (1965AL19) |       |               |                      |
| 5.233 $\pm$ 10        | (1959HI68) | 2     | $\frac{5}{2}$ | (1966GO15, 1967GO07) |
| 5.243 $\pm$ 10        | (1965AL19) |       |               |                      |
| 6.18                  | a          | 1     | $\frac{3}{2}$ | (1966GO15)           |
| 6.79                  | a          | 2     | $\frac{3}{2}$ | (1966GA19, 1968GI01) |
| 6.86                  | a          | 2     | $\frac{5}{2}$ | (1966GA19, 1968GI01) |
| 7.2742 $\pm$ 1.4      | (1967HE1A) |       | $\frac{7}{2}$ | (1967HE1A)           |

<sup>a</sup> Nominal energy.

<sup>b</sup> (1968BO14).