

Table 15.22 from (1976AJ04):
Levels of ^{15}O from $^{12}\text{C}(^6\text{Li}, t)^{15}\text{O}$ ^a

| E_x (MeV \pm keV) | L | E_x (MeV \pm keV) | L |
|-----------------------|--------------|-----------------------|--------------|
| 5.180 \pm 5 | | 11.72 \pm 10 | ^c |
| 5.242 \pm 5 | b | 11.98 \pm 10 | |
| 6.179 \pm 5 | | 12.295 \pm 10 | ^c |
| 6.790 \pm 5 | | 12.60 \pm 10 | |
| 6.865 \pm 5 | b | 12.835 \pm 10 | 3 |
| 7.275 \pm 5 | b | 13.55 \pm 10 | c,d |
| 8.285 \pm 5 | b | 13.75 \pm 10 | c,d |
| 8.918 \pm 5 | ^c | 14.27 \pm 10 | ^c |
| 8.978 \pm 5 | | 15.05 \pm 10 | 3 |
| 9.485 \pm 5 | | 15.48 \pm 10 | |
| 9.610 \pm 5 | c,d | 15.54 \pm 10 | |
| 9.658 \pm 5 | c,d | 15.60 \pm 10 | c,d |
| 9.76 \pm 5 | | 15.65 \pm 10 | c,d |
| 10.27 \pm 5 | | 15.80 \pm 10 | |
| 10.45 \pm 5 | 3 | 17.46 \pm 20 | |
| 11.145 \pm 10 | | 17.51 \pm 20 | |
| 11.56 \pm 10 | | | |

^a (1975BI06): $E(^6\text{Li}) = 59.8$ MeV.

^b Angular distributions measured and compared with those of the ($^6\text{Li}, ^3\text{He}$) reaction to analog states in ^{15}N .

^c Angular distributions measured: analog states in ^{15}N not known.

^d Unresolved in angular distribution.