

Table 15.6 from (1981AJ01): Resonances in $^{11}\text{B}(\alpha, \gamma_0)^{15}\text{N}$ ^a

| E_α (MeV) | E_x (MeV) | $\Gamma_{\text{c.m.}}$ (keV) | Multipol. | Γ_γ (eV) | J^π |
|------------------|-------------------------------|------------------------------|-----------|----------------------|----------------------------------|
| 7.31 | 16.35 ± 0.02 | 270 ± 30 | E1 | ≥ 11 | $\frac{3}{2}^+$ |
| 7.83 | 16.73 ± 0.02 | 270 ± 30 | (E1) | ≥ 11 | $(\frac{1}{2}^+, \frac{3}{2}^+)$ |
| 8.40 | 17.15 ± 0.05 | 250 ± 60 | (E1) | ≥ 2 | $(\frac{1}{2}^+, \frac{3}{2}^+)$ |
| 9.11 | 17.67 ± 0.05 | 600 ± 80 | E1 | ≥ 7 | $\frac{3}{2}^+$ |
| 11.00 | 19.05 ± 0.05 | ≈ 700 ^b | | | |
| 14.0 | 21.26 ± 0.20 ^b | ≈ 1700 ^b | | | |

^a (1978DE23).

^b (1977DE04).