

Table 15.7 from (1986AJ01): Resonances in $^{11}\text{B}(\alpha, \gamma_0)^{15}\text{N}$ ^a

E_α (MeV)	E_x (MeV)	$\Gamma_{\text{c.m.}}$ (keV)	Γ_γ ^b (eV)	J^π
7.20	16.27 ± 0.04	240 ± 30	≥ 11	$\frac{3}{2}^+$
7.70	16.64 ± 0.04	250 ± 30	≥ 11	$\frac{1}{2}^+$
8.40 ^{b,c}	17.15 ± 0.05	250 ± 60	≥ 2	$(\frac{1}{2}^+, \frac{3}{2}^+)$
9.11 ^{b,c}	17.67 ± 0.05	600 ± 80	≥ 7	$\frac{3}{2}^+$
10.80 ^d	18.91 ± 0.15	750 ± 70		$\frac{3}{2}^+ + \frac{1}{2}^+$
14.00 ^d	21.25 ± 0.15	1740 ± 150		$\frac{3}{2}^+ + \frac{1}{2}^+$

^a (1984DE09) [also angular distributions]. See also Table 15.6 in (1981AJ01).

^b (1978DE23).

^c These E_α may be 100 keV too high: see (1984DE09).

^d There is indication of M1/E2 transitions interfering with the predominant E1 transitions.