

Table 15.6 from (1991AJ01): 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 (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	17.15 ± 0.05	250 ± 60	≥ 2	$(\frac{1}{2}^+, \frac{3}{2}^+)$
9.11 ^b	17.67 ± 0.05	600 ± 80	≥ 7	$\frac{3}{2}^+$
10.80 ^c	18.91 ± 0.15	750 ± 70		$\frac{3}{2}^+ + \frac{1}{2}^+$
14.00 ^c	21.25 ± 0.15	1740 ± 150		$\frac{3}{2}^+ + \frac{1}{2}^+$

^aFor references and other information see [Table 15.7 in \(1986AJ01\)](#).

^b These E_α may be 100 keV too high.

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