Table 17.11 from (1986AJ04): Decay properties of the lowest $T = \frac{3}{2}$ states in $A = 17$ [a]

		^{17}O*(11.0787 ± 0.0008) [b]	^{17}F*(11.1928 ± 0.0021) [c]
J^π		$\frac{1}{2}^-$	$\frac{1}{2}^-$
$\Gamma_{\rm c.m.}$ (keV)		2.4 ± 0.3 [b]	0.24 ± 0.04
Branching ratio (%) to			
^{16}O* (MeV)	J^π		
0	0^+	81 ± 6	9.3 ± 1.3
6.05	0^+		< 3
6.13	3^-	5 ± 2	22 ± 2
6.92	2^+		24 ± 6
7.12	1^-		44 ± 4
^{13}C + α_0 or ^{13}N + α_0		7 ± 1 [d]	< 7
Partial widths [$\Gamma_{\rm p}$ or $\Gamma_{\rm n}$] to			
^{16}O(0)		1.88 ± 0.12 keV	19 ± 3 eV
^{16}O*(6.05)			< 8 eV
^{16}O*(6.13)		0.12 ± 0.05 keV	45 ± 14 eV [e]
^{16}O*(6.92)			49 ± 19 eV [e]
^{16}O*(7.12)			90 ± 27 eV [e]
Γ_{α_0}		0.162 ± 0.030 keV [f]	< 19 eV [d]
Γ_{γ_1}		21.6 ± 3.6 eV [f]	6.0 ± 2.5 eV
θ^2(g.s.)/θ^2(6.13)		0.31 ± 0.14	0.065 ± 0.019

[a] See also Table 2 in (1973AD02) and reaction 8.

[b] (1981HI01) [see for IMME parameters for six $T = \frac{3}{2}$ states].

[c] For references see Table 17.11 in (1982AJ01).

[d] (1976MC11).

[e] Note that the total width is 200 ± 40 eV.

[f] Using $[\Gamma_{\alpha_0}/\Gamma_{\rm n_0}]^{1/2}/\Gamma_{\rm tot} = 0.23$ (1976MC11), $\Gamma_{\alpha_0}\Gamma_{\gamma_1}/\Gamma_{\rm tot} = 1.46 \pm 0.13$ eV (1983RA29) and the $\Gamma_{\rm n_0}$ and $\Gamma_{\rm tot}$ values shown above, these values are calculated for Γ_{α_0} and Γ_{γ_1}, and $\delta = 3.1 \pm 1.9$. However *these values do not take into account any error in the measurement of* $[\Gamma_{\alpha_0}\Gamma_{\rm n_0}]^{1/2}/\Gamma_{\rm tot}$ [F.C. Barker, private communication]. I am also indebted to C. Rangacharyulu for his comment [(A later communication with Dr. A.B. McDonald suggests that $\Gamma_{\alpha_0}\Gamma_{\rm n_0}/\Gamma_{\rm tot} = 0.27$ keV [$\pm \approx 20\%$] (from a re-examination of (1976MC11)). Then $\Gamma_{\alpha_0} = 0.3$ keV and $\Gamma_{\gamma_1} = 12$ eV. I am indebted to Prof. McDonald for his comments)].