

Table 17.9 from (1982AJ01): States of  $^{17}\text{O}$  from  $^{14}\text{C} + ^3\text{He}$  <sup>a</sup>

$E_{\text{res}}$ (MeV)	Resonant for	$\Gamma_{\text{c.m.}}$ (MeV)	$E_x$ (MeV)	$J^\pi$
$3.6 \pm 0.1$	$\gamma_0, (\gamma_1), \alpha_0, \alpha_1$	0.75	21.7	$\frac{5}{2}^+$
$4.1 \pm 0.1$	$\gamma_0, \mathbf{n}_0, \mathbf{n}_{3+4}, \alpha_0, \alpha_1$	0.75	22.1	$\frac{7}{2}^-$
$4.6 \pm 0.2$	$\gamma_1$	$\approx 1$	22.5	$\frac{3}{2}^-$
$5.1 \pm 0.1$	$\gamma_0, ^3\text{He}$	$\approx 0.4$	23.0	$\frac{1}{2}^+$
$5.7 \pm 0.1$	$\gamma_1$		23.5	
$6.9 \pm 0.1$	$\gamma_1$		24.4	

<sup>a</sup> For references see [Table 17.9 in \(1977AJ02\)](#).