

Table 18.20 from (1972AJ02): Resonances in $^{17}\text{O} + \text{p}$

E_p (MeV \pm keV)	Yield of	$\Gamma_{\text{c.m.}}$ (keV)	$J^\pi; T$	E_x (MeV)	Refs.
0.515 \pm 2	γ_1, α_0	< 2.0	4 ⁻ ; 0	6.095	(1962BR08, 1969ZA1C, 1971BE1E, 1971SE1H)
0.557 \pm 2	γ_2		0 ⁺ ; (1)	6.135	(1969ZA1C, 1970RO1F, 1971SE1H, 1971SE1J)
0.585 \pm 1	γ_1, p_0	15	3 ⁺ ; 1	6.161	(1969ZA1C, 1971SE1H, 1971SE1J)
0.668 \pm 2	$\gamma_1, \alpha_0, \text{p}_0$	< 2.0	3 ⁻ ^a	6.240	(1962BR08, 1969ZA1C, 1971SE1H, 1971SE1J)
0.690	α_0			6.260	(1971SE1J)
0.711 \pm 1	γ_1, p_0	7.5	2 ⁺ ; 1	6.280	(1969ZA1C, 1971SE1H, 1971SE1J)
0.742 \pm 2	$\gamma_1, \alpha_0, \text{p}_0$	3.1 \pm 1.4	2 ⁺ , 3 ⁺	6.309	(1962BR08, 1969ZA1C, 1971SE1H, 1971SE1J)
0.822 \pm 3	γ_1, α_0	< 4.5	(1 ⁺), 2, 3 ⁻	6.385	(1962BR08, 1969ZA1C, 1971SE1H, 1971SE1J)
0.926 \pm 3	γ_1, α_0	< 1.2	(1 ⁺), 2, 3 ⁻	6.483	(1962BR08, 1969ZA1C, 1971SE1H, 1971SE1J)
1.096 \pm 6	α_0	85 \pm 5		6.644	(1962BR08)
1.100 \pm 1	$\gamma_1, \alpha_0, \text{p}_0$	< 3.0	(2 ⁻) ^a	6.647	(1957AH20, 1962BR08, 1969ZA1C, 1971SE1H, 1971SE1J)
1.245 \pm 1	$\gamma_1, \alpha_0, \text{p}_0, \text{p}_1$	10 \pm 3	4 ⁺ , 5 ⁺ ; 0	6.780	(1962BR08, 1969ZA1C, 1971SE1H, 1971SE1J)
1.270 \pm 3	$\gamma_1, \alpha_0, \text{p}_0, \text{p}_1$	5 \pm 3	2 ⁺ , 3 ⁺	6.808	(1969ZA1C, 1971SE1H, 1971SE1J)
1.270 \pm 5	α_0	79 \pm 5		6.808	(1957AH20, 1962BR08, 1971SE1J)
1.337 \pm 2	$\gamma_1, \alpha_0, \text{p}_1$			6.871	(1962BR08, 1971SE1H)
1.786	α_0	\approx 65		7.295	(1957AH20)
2.021	α_0	11		7.517	(1957AH20)
2.048	α_0	90		7.542	(1957AH20)
2.218	α_0	11		7.703	(1957AH20)
2.235	α_0	100		7.719	(1957AH20)
2.406	α_0	\approx 25		7.880	(1957AH20)
2.435	α_0	\approx 25		7.908	(1957AH20)
2.623	α_0	\approx 40		8.085	(1957AH20)
2.753	α_0	\approx 15		8.208	(1957AH20)
2.775	α_0	\approx 10		8.228	(1957AH20)
2.928	α_0	\approx 50		8.373	(1957AH20)

^a Mixed $T = 0$ and 1.