

Table 17.7 from (1959AJ76): Levels of  $^{17}\text{F}$  from  $^{16}\text{O}(\text{p}, \text{p})^{16}\text{O}$

A			B				$^{17}\text{F}^*$
$E_p$ (MeV)	$\Gamma$ (keV)	$J^\pi$	$E_p$ (MeV)	$\Gamma$ (keV)	$J^\pi$	$\theta_p^2$ (%)	(MeV)
2.66	19.9	$\frac{1}{2}^-$					3.10
3.47	< 3.5	$\frac{7}{2}^-$	3.50	< 25			3.86
(3.99)	$\approx 500$	$(\frac{3}{2}^+)$	4.1	400	$\frac{3}{2}^-$	20	4.4
(4.39)	240	$(\frac{3}{2}^-)$	4.2	350	$\frac{3}{2}^+$	32	4.7
			4.70	< 25			(5.05)
			4.8	200	$\frac{1}{2}^+$	5.5	5.1
			4.95	< 25			(5.30)
5.16	60		5.20	< 25			5.45
5.38	50		5.40	< 25			5.66
5.56	60		5.60	< 25			5.83
			5.85	< 25			(6.15)
			6.50	< 25			(6.75)
			6.4	150	$\frac{1}{2}^+$	3.7	(6.6)
			6.65	< 25			(6.90)

A: (1951LA15, 1951LA1B, 1953EP1A, 1956HE1B).

B: (1954SE1A, 1954SE1B).