

Table 17.6 from (1959AJ76): Energy levels of ^{17}F

E_x (MeV)	J^π	τ (sec) or Γ (keV)	Decay	Reactions
0	$(\frac{5}{2}^+)$	$\tau_{1/2} = 66.0 \pm 0.3$	β^+	1, 2, 4, 8, 13
0.500 ± 0.003	$\frac{1}{2}^+$	$\tau_m = (2.9 \pm 0.7) \times 10^{-10}$	γ	2, 4, 8
3.10	$\frac{1}{2}^-$	18.7	p	6, 8
3.86	$\frac{7}{2}^-$	< 3.3	p, γ	4, 6
4.4	$(\frac{3}{2}^-)$	≈ 400	p	6
4.7	$(\frac{3}{2}^+)$	(300)	p	6, 8
(5.1)	$(\frac{1}{2}^+)$	190	p	6
5.45		≈ 40	p	6
5.66		≈ 40	p	6
5.83		≈ 40	p	6
(6.15)		< 25	p	6
(6.6)	$(\frac{1}{2}^+)$	140	p	6
(6.75)		< 25	p	6
(6.90)		< 25	p	6