

Table 16.25 from (1982AJ01): Energy levels of  $^{16}\text{F}$

$E_x$ (MeV $\pm$ keV)	$J^\pi; T$	$\Gamma_{\text{c.m.}}$ (keV)	Decay	Reactions
0	$(0)^-; 1$	$40 \pm 20$	p	1, 2, 3, 4, 5
$0.194 \pm 9$	$(1)^-$	$< 40$	p	1, 2, 3, 4, 5
$0.424 \pm 5$	$(2)^-$	$40 \pm 30$	p	1, 2, 3, 4, 5
$0.720 \pm 6$	$(3)^-$	$< 15$	p	1, 2, 3, 4, 5
$3.762 \pm 7$	$1^+$	$< 40$	p	1, 3, 4, 5
$3.869 \pm 7$	$(2)^+$	$< 20$	p	1, 4, 5
$4.372 \pm 7$		$50 \pm 20$	p	1, 4, 5
$4.654 \pm 7$	$1^+$	$60 \pm 20$	p	1, 3, 4, 5
$4.71 \pm 20$				5
$4.973 \pm 10$	$\pi = +$			1, 5
$5.264 \pm 20$				1
$5.390 \pm 14$	$\pi = +$			1, 5
$5.448 \pm 20$				1
$5.529 \pm 14$	$\pi = +$			1, 4, 5
$5.840 \pm 40$				1
$6.05 \pm 20$				5
$6.230 \pm 50$				1, 3
$6.371 \pm 20$				1
$6.678 \pm 10$				1, 4, 5
$6.93 \pm 20$				5
$7.110 \pm 20$				1
$7.730 \pm 40$				1, 3