

Table 18.18 from (1987AJ02):  
States in  $^{18}\text{F}$  from  $^{16}\text{O}(^3\text{He}, p\gamma)^{18}\text{F}$  <sup>a</sup>

$E_x$ (keV) <sup>b</sup>	$l$ <sup>a</sup>	$J^\pi; T$ <sup>c</sup>	$K^\pi$ <sup>c</sup>
0	0	$1^+; 0$	$0^+$
$937.1 \pm 0.4$	2	$3^+; 0$	$0^+$
$1040.9 \pm 0.5$	0	$0^+; 1$	
$1080.1 \pm 0.5$		$0^-; 0$	$0^-$
$1119.0 \pm 0.6$	4	$5^+; 0$	$0^+$
$1701.4 \pm 0.7$	0	$1^+; 0$	$1^+$
$2099.9 \pm 0.6$		$2^-; 0$	$0^-$
$2523.4 \pm 0.7$	2	$2^+; 0$	$1^+$
$3061.2 \pm 0.5$	2	$2^+; 1$	
$3132.8 \pm 0.6$		$1^-; 0$	$1^-$
$3358.2 \pm 1.0$		$3^+; 0$	$1^+$
$3725.4 \pm 0.8$		$1^+; 0$	
$3790.6 \pm 0.9$		$3^-; 0$	$1^-$
$3838.4 \pm 0.7$	2	$2^+; 0$	
$4114.5 \pm 0.9$		$3^+; 0$	
$4225.8 \pm 0.7$		$2^{(-)}; 0$	$(1^-)$
$4361.0 \pm 0.7$		$1^{(+)}$	
$4398.1 \pm 0.7$		$3^-, 4^-; 0$ <sup>d</sup>	$(0^-)$
$4652 \pm 2$	4	$4^+; 1$	
$4753 \pm 3$		$(0^+; 1)$	
$4860 \pm 2$		$1^{(-)}; 0$	
$4963.6 \pm 0.8$		$2^+; 1$	
$5297.6 \pm 1.5$		$4^+$	$1^+$
$5502 \pm 2$		$3^{(-)}; 0$	
$5603 \pm 2$		$1^-; 0 + 1$	
$5669 \pm 2$		$1^-; 0 + 1$	
$5785 \pm 3$		$2^-; 0$	
$6097.4 \pm 1.4$		$4^-; 0$	$1^-$
$6108 \pm 3$		$1, 2, 3^{(-)}; 0$	
$6138.3 \pm 1.0$		$0^+; 1$	

Table 18.18 from (1987AJ02):  
States in  $^{18}\text{F}$  from  $^{16}\text{O}(^3\text{He}, p\gamma)^{18}\text{F}$  <sup>a</sup> (continued)

$E_x$ (keV) <sup>b</sup>	$l$ <sup>a</sup>	$J^\pi; T$ <sup>c</sup>	$K^\pi$ <sup>c</sup>
$6164.0 \pm 1.0$		$3^+; 1$	
$6241.2 \pm 1.0$		$3^-; 1$	
$6263 \pm 3$		$1^+$	
$6284.0 \pm 1.0$		$2^+; 0 + 1$	
$6310.5 \pm 0.8$		$3^+; 0$	
$6383 \pm 3$		$2^+; 0 + 1$	
$6480 \pm 2$		$3^+; (0)$	
$6567.0 \pm 1.5$		$5^+$	$1^+$
$6643.0 \pm 1.5$		$2^-; 1$	
$6777 \pm 2$ <sup>c</sup>		$4^+$	
$6803.0 \pm 1.5$		$1^+, 2, 3^+; (0)$	
$6878 \pm 2$ <sup>c</sup>		$3^{(-)}, 4^-; (0)$	

<sup>a</sup> For earlier results derived from measurements of proton spectra and of  $\gamma$ -rays, see [Table 18.18 in \(1972AJ02\)](#). See also [Tables 18.14 and 18.15](#) here.

<sup>b</sup> ([1973RO03](#)):  $\gamma$ -ray measurements.

<sup>c</sup> See [Table 18.17 in \(1978AJ03\)](#).

<sup>d</sup> See p. 179 of ([1979KI12](#)).