

Table 20.23 from (1983AJ01):  
States of  $^{20}\text{Ne}$  from  $^{18}\text{O}(^3\text{He}, n)^a$

$E_x$ (MeV $\pm$ keV)	$L$	$J^\pi; T$
0	0	$0^+$
$1.65 \pm 15$	2	$2^+$
$4.21 \pm 30$	4	$4^+$
$4.96 \pm 150$		
$5.71 \pm 30$		
$6.72 \pm 70$		
$7.15 \pm 20$		
$7.86 \pm 100$		
$8.79 \pm 60$		
$9.05 \pm 60$		
$9.98 \pm 50$		
$10.24 \pm 30$	2	$2^+; (1)$
$10.88 \pm 50$		
$11.27 \pm 50$		
$11.48 \pm 60$	(0)	$(0^+)$
$11.59 \pm 40$		
$12.21 \pm 15$	2	$2^+$
$12.41 \pm 30$	0	$0^+$
$12.83 \pm 30$		
$13.10 \pm 30$	0	$0^+$
$13.34 \pm 30$		
$13.48 \pm 30$		
$13.59 \pm 20$	(2)	$(2^+)$
$13.90 \pm 25$	(2)	$(2^+)$
$14.22 \pm 30$		
$15.52 \pm 15$	(2)	$(2^+; 1)$
$16.01 \pm 25$	(2)	$(2^+; 1)$
$16.730 \pm 6^b$	0	$0^+; T = 2$
$17.55 \pm 10$	(2)	$(2^+; 1)$
$17.91 \pm 20$	(0)	$(0^+)$
$19.33 \pm 15$		

<sup>a</sup> For references see [Table 20.25 in \(1978AJ03\)](#).

<sup>b</sup>  $\Gamma < 20$  keV.