

Table 18.28 from (1972AJ02): States in  $^{18}\text{Ne}$  from  $^{20}\text{Ne}(p, t)^{18}\text{Ne}$  <sup>a</sup>

$E_x$ (MeV $\pm$ keV)				$L$ <sup>b</sup>	$J^\pi$
(1969HA38)	(1970FA17)	(1970LE08)	(1971PA1L)		
0	0	0	0	0	$0^+$
$1.890 \pm 20$	1.89	$1.83 \pm 50$	$1.894 \pm 10$	2	$2^+$
$3.375 \pm 30$	3.38	$3.36 \pm 50$	$3.390 \pm 14$	4	$4^+$
$3.588 \pm 25$	3.61	$3.58 \pm 50$	$3.614 \pm 13$	0	$0^+$
$4.580 \pm 30$	$4.53 \pm 20$	$4.46 \pm 50$	$4.576 \pm 17$	1	$1^-$
$5.115 \pm 25$	$5.10 \pm 20$	$5.12 \pm 50$	$5.150 \pm 14$	2 + 3	$(2^+ + 3^-)$
	$6.28 \pm 20$		$6.326 \pm 18$	4	$(4^+)$
			$7.957 \pm 25$		
	$9.17 \pm 30$		$9.215 \pm 20$		

<sup>a</sup> See, however, [Table 18.25](#) for states not resolved in this reaction.

<sup>b</sup> (1970FA17, 1970LE08, 1971PA1L). See also (1969HA38).