

Table 5.6 from (2002TI10): A scheme of ${}^5\text{Li}$ levels below $E_x = 17$ MeV obtained from an R -matrix analysis ^a of ${}^3\text{He}(d, d){}^3\text{He}$, ${}^3\text{He}(d, p){}^4\text{He}$, and ${}^4\text{He}(p, p){}^4\text{He}$ data and comparison with the present evaluation ^b

(1999GE19) scheme ^a			Present evaluation ^b		
E_x (MeV)	J^π	Γ_{cm} (MeV)	E_x (MeV)	J^π	Γ_{cm} (MeV)
g.s.	$\frac{3}{2}^-$	1.25	g.s.	$\frac{3}{2}^-$	1.23
1.28	$\frac{1}{2}^-$	6.29	1.49	$\frac{1}{2}^-$	6.60
16.86	$\frac{3}{2}^+$	0.25	16.87	$\frac{3}{2}^+$	0.27
16.88 ^c	$\frac{1}{2}^+$	2.26	20.53	$\frac{1}{2}^+$	5.00
17.65 ^{c, d}	$\frac{3}{2}^-$	2.57	19.28	$\frac{3}{2}^-$	0.96
			19.45	$\frac{7}{2}^+$	3.28

^a See Tables II and III of (1999GE19).

^b See Table 5.3.

^c Weak resonance.

^d Above the range of the analysis.