

${}^9\text{Li}$        $Z = 3$        $N = 6$       adopted link    ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE      =      45.340 ( 0.000) MeV

Qbeta- =      13.606 ( 0.000) MeV

	Energy T	J+	J-	J-other	T1/2
9LI 1			0.000 3/2 3/2-		1 178.3 MS 4
9LI 2				2.691 (1/2-)	2
S-n	= 4.062 ( 0.000)				
9LI 3				4.301	3 88 KEV 25
9LI 4				5.380	4 0.6 MEV 1
S-2n	= 6.095 ( 0.000)				
9LI 5				6.430 GE 9/2	5 40 KEV 20
S-p	= 13.944 ( 0.000)				
S-n	= 4.062 ( 0.000)				
S-2p	= 38.760 ( 1.001)				
S-2n	= 6.095 ( 0.000)				
S-alpha	= 10.362 ( 0.089)				
S+p	= -19.636 ( 0.000)				
S+n	= 0.026 ( 0.013)				
S+2p	= -30.865 ( 0.000)				
S+2n	= -0.369 ( 0.001)				
S+alpha	= -10.818 ( 0.001)				
gap p	= -5.693 ( 0.000)				
gap n	= 4.089 ( 0.013)				
gap 2p	= 7.895 ( 1.001)				
gap 2n	= 5.726 ( 0.001)				
gap alpha	= -0.455 ( 0.089)				