

^{10}Li $Z = 3$ $N = 7$ adopted link ENSDF link

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

BE = 45.314 (0.013) MeV

Qbeta- = 20.445 (0.013) MeV

	Energy T	J+	J-	J-other	T1/2

S-n	= -0.026 (0.013)				
10LI 1				0.000 2 (1-,2-)	1
10LI 2	0.210	1+			2 100 KEV 70
10LI 3				0.470	3 360 KEV 20
10LI 4				0.670 (2-)	4 0.1 MEV 1
10LI 5				1.370 (2-,1-)	5 200 KEV 70
10LI 6				1.600	6
10LI 7				2.330 (1+,3+)	7 1.2 MEV 4
10LI 8				2.820 (1-,2+)	8 0.3 MEV 2

S-2n	= 4.036 (0.013)				
10LI 9				4.160	9 120 KEV 80
10LI 10				4.600 (3-,2+)	10 0.2 MEV 1

10LI 11				5.200	11 0.4 MEV AP
10LI 12				5.700	12 200 KEV 100
10LI 13				0.400	13

S-p = 15.172 (0.049)-----

S-n = -0.026 (0.013)-----

S-2p = 0.000 (0.000)-----

S-2n = 4.036 (0.013)-----

S-alpha= 11.248 (0.254)-----

S+p = -20.164 (0.013)

S+n = -0.396 (0.013)

S+2p = -34.261 (0.013)

S+2n = -0.186 (0.033)

S+alpha = -11.814 (0.025)

gap p = -4.992 (0.050)

gap n = -0.422 (0.018)

gap 2p = 0.000 (0.000)

gap 2n = 3.850 (0.035)

gap alpha = -0.566 (0.256)