

^{76}Rb $Z = 37$ $N = 39$ adopted link ENSDF link

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

BE = 644.952 (0.001) MeV

Qbeta+ = 8.535 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
76RB	1			0.000 1(-)	1 36.5 S 6
76RB	2			0.101 (2-)	2
76RB	3			0.246 (3-)	3
76RB	4			0.317 (4+)	4 3.20 US 10
76RB	5			0.454 (4-)	5
76RB	6			0.477 (1+)	6
76RB	7			0.497 (5+)	7
76RB	8			0.516 (1+)	8
76RB	9			0.690 (5-)	9
76RB	10			0.707 (6+)	10
76RB	11			0.978 (7+)	11
76RB	12			0.983 (1+)	12
76RB	13			1.010 (6-)	13
76RB	14			1.256 (8+)	14
76RB	15			1.275 (1+)	15
76RB	16			1.333 (7-)	16
76RB	17			1.620 (9+)	17
76RB	18			2.019 (10+)	18

S-p = 3.444 (0.008)-----
 S-n = 11.332 (0.002)-----
 S-2p = 9.769 (0.006)-----
 S-2n = 24.706 (0.003)-----
 S-alpha= 3.842 (0.001)-----

S+p = -4.613 (0.008)
 S+n = -12.423 (0.002)
 S+2p = -6.270 (0.312)
 S+2n = -22.599 (0.003)
 S+alpha = -3.094 (0.006)

gap p = -1.169 (0.011)
 gap n = -1.091 (0.002)
 gap 2p = 3.499 (0.312)
 gap 2n = 2.107 (0.005)
 gap alpha = 0.748 (0.006)