

^{74}Rb $Z = 37$ $N = 37$ adopted link ENSDF link

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

BE = 620.247 (0.003) MeV

Qbeta+ = 10.416 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
74RB 1	0.000	0+			1 64.776 MS 30
74RB 2				0.478 (2+)	2
74RB 3				1.006 (3+)	3
74RB 4				1.053 (4+)	4
74RB 5				1.225 (4+)	5
74RB 6				1.489 (5+)	6
74RB 7				1.546 (6+)	7
74RB 8				1.793 (7+)	8
74RB 9				1.806 (6+)	9
74RB 10				2.241 (8+)	10
74RB 11				2.313 (9+)	11
S-alpha=	2.915 (0.015)				
S-p =	2.653 (0.007)				
74RB 12				2.972	12
74RB 13				3.126 (10+)	13
74RB 14				3.137 (11+)	14
74RB 15				4.091 (13+)	15
74RB 16				4.177 (12+)	16
74RB 17				5.216 (15+)	17
74RB 18				5.360 (14+)	18
74RB 19				6.517 (17+)	19
74RB 20				6.686 (16+)	20
S-2p =	7.432 (0.003)				
74RB 21				8.006 (19+)	21
74RB 22				8.193 (18+)	22
74RB 23				9.654 (21+)	23
74RB 24				9.881 (20+)	24
S-p =	2.653 (0.007)				
S-n =	13.976 (0.041)				
S-2p =	7.432 (0.003)				
S-2n =	29.703 (0.504)				
S-alpha=	2.915 (0.015)				
S+p =	-1.992 (0.220)				
S+n =	-13.374 (0.003)				
S+2p =	-0.901 (0.304)				

S+2n = -24.706 (0.003)
S+alpha = -2.680 (0.312)

gap p = 0.661 (0.220)
gap n = 0.602 (0.041)
gap 2p = 6.531 (0.304)
gap 2n = 4.997 (0.504)
gap alpha = 0.236 (0.312)