

^{90}Rb $Z = 37$ $N = 53$ adopted link ENSDF link

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

BE = 776.837 (0.006) MeV

Qbeta- = 6.585 (0.007) MeV

	Energy T	J+	J-	J-other	T1/2
90RB 1	|	|	0.000 0-	|	1 158 S 5
90RB 2	|	|	0.107 3-	|	2 258 S 4
90RB 3	|	|	|	0.122 (1-)	3
90RB 4	|	|	0.163 4-	|	4 7 NS LT
90RB 5	|	|	|	0.228 (2-)	5
90RB 6	|	|	|	0.242	6
90RB 7	|	|	|	0.356	7
90RB 8	|	|	|	0.537	8
90RB 9	|	|	|	0.614	9
90RB 10	|	|	|	0.661	10

90RB 11	|	|	|	0.676	11
90RB 12	|	|	|	0.712	12
90RB 13	|	|	|	0.741	13
90RB 14	|	|	|	0.838	14
90RB 15	|	|	|	0.933	15
90RB 16	|	|	|	1.102	16
90RB 17	|	|	|	1.128 (5+)	17 7 NS LT
90RB 18	|	|	|	1.153	18
90RB 19	|	|	|	1.205 5	19 7 NS LT
90RB 20	|	|	|	1.401	20

90RB 21	|	|	|	1.463	21
90RB 22	|	|	|	1.493 6(+)	22 7 NS LT
90RB 23	|	|	|	1.688	23
90RB 24	|	|	|	1.704 (7,6)	24 7 NS LT
90RB 25	1.780	1+	|	|	25
90RB 26	|	|	|	1.902	26
90RB 27	2.128	1+	|	|	27
90RB 28	|	|	|	2.271	28
90RB 29	|	|	|	2.434	29
90RB 30	|	|	|	2.500 (8+,7)	30

90RB 31	|	|	|	2.687 (8,9)	31
90RB 32	3.083	1+	|	|	32
90RB 33	3.094	1+	|	|	33
90RB 34	3.239	1+	|	|	34
90RB 35	|	|	|	3.401	35
90RB 36	|	|	|	3.476	36
90RB 37	|	|	|	3.518	37

90RB	38	|	3.625	1+	|		|	38
90RB	39	|			|		|	39
90RB	40	|	3.704	1+	|		|	40

90RB	41	|	3.879	1+	|		|	41
90RB	42	|	3.881	1+	|		|	42

S-p	=		10.119	(	0.007)	-----		
S-n	=		5.725	(	0.008)	-----		
S-2p	=		23.228	(	0.007)	-----		
S-2n	=		12.899	(	0.006)	-----		
S-alpha	=		6.158	(	0.007)	-----		
S+p	=		-11.575	(	0.008)			
S+n	=		-6.451	(	0.010)			
S+2p	=		-20.029	(	0.011)			
S+2n	=		-11.549	(	0.009)			
S+alpha	=		-5.411	(	0.009)			
gap p	=		-1.456	(	0.011)			
gap n	=		-0.726	(	0.013)			
gap 2p	=		3.199	(	0.013)			
gap 2n	=		1.350	(	0.011)			
gap alpha	=		0.747	(	0.012)			