

^{93}Rb $Z = 37$ $N = 56$ adopted link ENSDF link

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

BE = 794.306 (0.008) MeV

Qbeta- = 7.466 (0.011) MeV

	Energy T	J+	J-	J-other	T1/2
93RB 1			0.000	5/2-	1 5.84 S 2
93RB 2				0.253 3/2-,5/2-	2
93RB 3				0.267 1/2-,3/2-,5/2-	3 2.0 NS 2
93RB 4				0.324 3/2-,5/2-	4 0.7 NS LT
93RB 5				0.506 1/2-,3/2-	5 0.7 NS LT
93RB 6				0.733 (7/2-)	6
93RB 7				0.821	7
93RB 8				0.913 (7/2-)	8
93RB 9				1.285 (9/2+)	9
93RB 10				1.350	10
93RB 11				1.557	11
93RB 12				1.563	12
93RB 13				1.641	13
93RB 14				1.642	14
93RB 15				1.689	15
93RB 16				1.850	16
93RB 17				1.880	17
93RB 18				1.965	18
93RB 19				2.009	19
93RB 20				2.016	20
93RB 21				2.032 (13/2+)	21
93RB 22				2.084	22
93RB 23				2.169	23
93RB 24				2.211	24
93RB 25				2.265	25
93RB 26				2.286	26
93RB 27				2.315	27
93RB 28				2.576	28
93RB 29				2.609	29
93RB 30				2.665	30
93RB 31				2.745	31
93RB 32				2.815 1/2,3/2	32
93RB 33				2.856 (3/2)+	33
93RB 34				2.943 (17/2+)	34
93RB 35				3.002 1/2+,3/2+	35
93RB 36				3.032	36
93RB 37				3.063 1/2,3/2	37

93RB 38				3.235	(17/2+)	38		
93RB 39				3.245		39		
93RB 40				3.265		40		

93RB 41				3.280	1/2,3/2	41		
93RB 42				3.308	1/2,3/2	42		
93RB 43				3.359		43		
93RB 44				3.406	(19/2)	44		
93RB 45				3.465	1/2(-),3/2	45		
93RB 46				3.494	1/2,3/2	46		
93RB 47				3.552	1/2,3/2	47		
93RB 48				3.631	1/2,3/2	48		
93RB 49				3.734		49		
93RB 50				3.777		50		

93RB 51				3.801		51		
93RB 52				3.886		52		
93RB 53				3.941	(21/2+)	53		
93RB 54				4.051	1/2,3/2	54		
93RB 55				4.081	1/2,3/2	55		
93RB 56				4.087		56		
93RB 57				4.320		57		
93RB 58				4.322	(23/2-)	58		
93RB 59				4.423	(27/2-)	59	111 NS	11
93RB 60				4.862	1/2,3/2	60		

93RB 61				5.049	1/2,3/2	61		
93RB 62				5.159	(29/2,31/2)	62		
93RB 63				5.238	1/2+,3/2+	63		
93RB 64				5.492	1/2+,3/2+	64		
93RB 65				5.496	1/2+,3/2+	65		
93RB 66				5.666	1/2+,3/2+	66		
93RB 67				5.760	1/2+,3/2+	67		
93RB 68				5.860	1/2+,3/2+	68		
S-n	=	5.919	(0.010)	-----				
93RB 69				5.920	1/2+,3/2+	69		
93RB 70				5.965	1/2+,3/2+	70		

93RB 71				6.071	1/2+,3/2+	71		
93RB 72				6.260	1/2+,3/2+	72		
93RB 73				6.572	1/2+,3/2+	73		
93RB 74				6.726	1/2+,3/2+	74		

S-p	=	11.140	(0.008)	-----				
S-n	=	5.919	(0.010)	-----				
S-2p	=	26.091	(0.009)	-----				
S-2n	=	11.017	(0.011)	-----				
S-alpha	=	6.771	(0.008)	-----				

S+p = -13.515 (0.008)
S+n = -4.014 (0.008)
S+2p = -23.166 (0.010)
S+2n = -9.413 (0.022)
S+alpha = -5.921 (0.010)

gap p = -2.375 (0.012)
gap n = 1.904 (0.013)
gap 2p = 2.924 (0.013)
gap 2n = 1.604 (0.024)
gap alpha = 0.850 (0.013)