

⁹⁷Rb Z = 37 N = 60 adopted link ENSDF link

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

BE = 812.490 (0.002) MeV

Qbeta- = 10.061 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
97RB 1	0.000	3/2+			1 169.1 MS 6
97RB 2				0.068 (5/2+)	2
97RB 3				0.077 (1/2,3/2)-	3 5.7 US 6
97RB 4				0.192 (7/2+)	4
97RB 5				0.295 (9/2+)	5
97RB 6				0.538 (11/2+)	6
97RB 7				0.674 (13/2+)	7
97RB 8				1.030 (15/2+)	8

S-p = 12.726 (0.019)-----

S-n = 5.236 (0.004)-----

S-2p = 29.215 (0.285)-----

S-2n = 8.772 (0.020)-----

S-alpha= 8.054 (0.431)-----

S+p = -15.192 (0.004)

S+n = -3.921 (0.016)

S+2p = -26.702 (0.007)

S+2n = -8.745 (0.004)

S+alpha = -8.961 (0.007)

gap p = -2.466 (0.020)

gap n = 1.315 (0.017)

gap 2p = 2.513 (0.285)

gap 2n = 0.027 (0.021)

gap alpha = -0.907 (0.431)