

^{75}Rb $Z = 37$ $N = 38$ adopted link ENSDF link

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

BE = 633.621 (0.001) MeV

Qbeta+ = 7.105 (0.008) MeV

	Energy T	J+	J-	J-other	T1/2
75RB 1				0.000 3/2(-)	1 19.0 S 12
75RB 2				0.038 (3/2+)	2
75RB 3				0.144 (5/2-)	3
75RB 4				0.354 (7/2-)	4
75RB 5				0.378 (5/2+)	5
75RB 6				0.542 (7/2+)	6
75RB 7				0.607 (9/2-)	7
75RB 8				0.610 (9/2+)	8
75RB 9				0.924 (11/2-)	9
75RB 10				1.037 (11/2+)	10

75RB 11				1.125 (13/2+)	11
75RB 12				1.276 (13/2-)	12
75RB 13				1.697 (15/2-)	13
75RB 14				1.786 (15/2+)	14
75RB 15				1.858 (17/2+)	15
75RB 16				2.138 (17/2-)	16
S-p =	2.176 (0.002)	-----			
75RB 17				2.662 (19/2-)	17
75RB 18				2.780 (21/2+)	18
S-alpha=	3.141 (0.006)	-----			
75RB 19				3.179 (21/2-)	19
75RB 20				3.803 (23/2-)	20

75RB 21				3.865 (25/2+)	21
75RB 22				4.380 (25/2-)	22
75RB 23				5.092 (29/2+)	23
75RB 24				5.102 (27/2-)	24
75RB 25				5.727 (29/2-)	25
75RB 26				6.444 (33/2+)	26
75RB 27				6.539 (31/2-)	27
75RB 28				7.195 (33/2-)	28
75RB 29				7.926 (37/2+)	29
75RB 30				8.094 (35/2-)	30

S-2p =	8.151 (0.007)	-----			
75RB 31				8.755 (37/2-)	31
75RB 32				9.543 (41/2+)	32
75RB 33				9.750 (39/2-)	33

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S-p    =  2.176 ( 0.002)-----  
S-n    = 13.374 ( 0.003)-----  
S-2p   =  8.151 ( 0.007)-----  
S-2n   = 27.350 ( 0.041)-----  
S-alpha=  3.141 ( 0.006)-----  
  
S+p    =  -4.318 ( 0.034)  
S+n    = -11.332 ( 0.002)  
S+2p   =  -3.785 ( 0.231)  
S+2n   = -23.754 ( 0.002)  
S+alpha = -3.009 ( 0.080)  
  
gap p   = -2.142 ( 0.035)  
gap n   =  2.042 ( 0.004)  
gap 2p  =  4.366 ( 0.231)  
gap 2n  =  3.595 ( 0.041)  
gap alpha =  0.132 ( 0.080)
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