

^{96}Nb $Z = 41$ $N = 55$ adopted link ENSDF link

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

BE = 828.373 (0.000) MeV

Qbeta- = 3.192 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
96NB 1	0.000	6+			1 23.35 H 5
96NB 2				0.044 (5+)	2
96NB 3				0.146 (4+)	3 0.8 NS LT
96NB 4				0.185 (3+)	4 0.8 NS LT
96NB 5				0.233 (7+)	5
96NB 6				0.512 (2-)	6 0.4 NS LT
96NB 7				0.635 (2+)	7 1.4 NS LT
96NB 8				0.695 (3-)	8 1.4 NS LT
96NB 9				0.868 (3-)	9
96NB 10				1.003 (3-,2-)	10
96NB 11				1.045 (4,3)	11
96NB 12				1.116	12
96NB 13				1.141 (0-,2)	13
96NB 14				1.156	14
96NB 15				1.242 (3)	15
96NB 16				1.258	16
96NB 17				1.270	17
96NB 18				1.326 (4)	18
96NB 19				1.346	19
96NB 20				1.368	20
96NB 21				1.427	21
96NB 22				1.498 (0,3)	22
96NB 23				1.520 (3,0)	23
96NB 24				1.537	24
96NB 25				1.615	25
96NB 26				1.652	26
96NB 27				1.720	27
96NB 28				1.810	28
96NB 29				1.872	29
96NB 30				1.937	30
96NB 31				1.973	31
96NB 32				2.100	32
96NB 33				2.240	33
96NB 34				2.380	34
96NB 35				2.470	35
96NB 36				2.730	36
96NB 37				2.960	37

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S-p    =  7.232 ( 0.001)-----  
S-n    =  6.888 ( 0.001)-----  
S-2p   = 17.829 ( 0.006)-----  
S-2n   = 15.376 ( 0.002)-----  
S-alpha=  3.211 ( 0.009)-----  
  
S+p    = -9.231 ( 0.000)  
S+n    = -8.071 ( 0.004)  
S+2p   = -15.407 ( 0.003)  
S+2n   = -14.064 ( 0.005)  
S+alpha = -2.843 ( 0.001)  
  
gap p   = -1.999 ( 0.001)  
gap n   = -1.183 ( 0.004)  
gap 2p  =  2.422 ( 0.007)  
gap 2n  =  1.312 ( 0.005)  
gap alpha =  0.368 ( 0.009)
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