

^{105}Nb $Z = 41$ $N = 64$ adopted link ENSDF link

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

BE = 885.328 (0.004) MeV

Qbeta- = 7.415 (0.010) MeV

	Energy T	J+	J-	J-other	T1/2
105NB 1				0.000 (5/2+)	1 2.91 S 5
105NB 2				0.128 (7/2+)	2
105NB 3				0.291 (9/2+)	3 24 PS 5
105NB 4				0.511 (11/2+)	4 5.9 PS 15
105NB 5				0.626 (9/2+)	5
105NB 6				0.735 (13/2+)	6 3.5 PS 14
105NB 7				0.829 (11/2+)	7
105NB 8				1.046 (15/2+)	8
105NB 9				1.081 (13/2+)	9
105NB 10				1.232 (13/2+)	10

105NB 11				1.319 (17/2+)	11
105NB 12				1.364 (15/2+)	12
105NB 13				1.518 (15/2+)	13
105NB 14				1.679 (17/2+)	14
105NB 15				1.686 (9/2+)	15
105NB 16				1.721 (19/2+)	16
105NB 17				1.844 (17/2+)	17
105NB 18				1.916 (11/2+)	18
105NB 19				2.029 (19/2+)	19
105NB 20				2.034 (21/2+)	20

105NB 21				2.176 (13/2+)	21
105NB 22				2.201 (19/2+)	22
105NB 23				2.466 (15/2+)	23
105NB 24				2.525 (23/2+)	24
105NB 25				2.867 (25/2+)	25

S-p = 11.487 (0.010)-----
 S-n = 6.176 (0.004)-----
 S-2p = 26.036 (0.012)-----
 S-2n = 11.029 (0.006)-----
 S-alpha= 7.286 (0.008)-----

S+p = -13.501 (0.010)
 S+n = -4.358 (0.004)
 S+2p = -23.412 (0.010)
 S+2n = -9.951 (0.009)
 S+alpha = -6.792 (0.010)

gap p = -2.015 (0.014)
gap n = 1.818 (0.006)
gap 2p = 2.624 (0.015)
gap 2n = 1.079 (0.011)
gap alpha = 0.493 (0.013)