

^{100}Nb $Z = 41$ $N = 59$ adopted link ENSDF link

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

BE = 854.847 (0.008) MeV

Qbeta- = 6.402 (0.008) MeV

	Energy T	J+	J-	J-other	T1/2
100NB 1	0.000	1+			1 1.4 S 2
100NB 2				0.067 (2+)	2
100NB 3				0.159 (3+)	3
100NB 4				0.261 (4+)	4
100NB 5				0.314 (5+)	5 2.99 S 11
100NB 6				0.348 (4-,5-,6-)	6 0.41 US 6
100NB 7				0.368 (5+)	7
100NB 8	0.401	1+			8 90 PS 30
100NB 9				0.471 (1+)	9
100NB 10				0.493	10
100NB 11				0.498 (0:3+)	11
100NB 12	0.504	1+			12
100NB 13				0.521 (5-,6-,7-)	13 207 PS 14
100NB 14				0.542 (6+)	14
100NB 15				0.654 (0:3+)	15
100NB 16				0.704 (0:3+)	16
100NB 17				0.706 (6-)	17
100NB 18				0.734 (8-)	18 12.4 US 3
100NB 19				0.772 (7+)	19
100NB 20				0.836	20
100NB 21				1.059 (8+)	21
100NB 22				1.235	22
100NB 23				1.526	23

S-p = 9.464 (0.013)-----
 S-n = 5.527 (0.014)-----
 S-2p = 22.081 (0.011)-----
 S-2n = 12.409 (0.009)-----
 S-alpha= 3.886 (0.010)-----

S+p = -11.018 (0.008)
 S+n = -7.172 (0.009)
 S+2p = -19.360 (0.012)
 S+2n = -12.650 (0.008)
 S+alpha = -5.133 (0.026)

gap p = -1.554 (0.015)

gap n = -1.644 (0.017)
gap 2p = 2.721 (0.017)
gap 2n = -0.240 (0.013)
gap alpha = -1.246 (0.028)