

^{252}No $Z = 102$ $N = 150$ adopted link ENSDF link

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

BE = 1871.301 (0.009) MeV

Qbeta+ = 2.404 (0.092) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-8.549	(0.013)	-----		
252NO 1	0.000	0+			1 2.46 S 2
252NO 2				0.046 (2+)	2
252NO 3				0.154 (4+)	3
252NO 4				0.321 (6+)	4
252NO 5				0.544 (8+)	5
252NO 6				0.822 (10+)	6
252NO 7				0.929 (2-)	7
252NO 8				0.966 (3-)	8
252NO 9				1.015 (4-)	9
252NO 10				1.073 (5-)	10

252NO 11				1.148 (6-)	11
252NO 12				1.150 (12+)	12
252NO 13				1.230 (7-)	13
252NO 14				1.255 (8-)	14 109 MS 3
252NO 15				1.361 (9-)	15
252NO 16				1.479 (10-)	16
252NO 17				1.526 (14+)	17
252NO 18				1.608 (11-)	18
252NO 19				1.748 (12-)	19
252NO 20				1.899 (13-)	20

252NO 21				1.942 (16+)	21
252NO 22				2.061 (14-)	22
252NO 23				2.233 (15-)	23
252NO 24				2.395 (18+)	24
252NO 25				2.415 (16-)	25
252NO 26				2.608 (17-)	26
252NO 27				2.817 (18-)	27
252NO 28				2.879 (20+)	28
252NO 29				3.028 (19-)	29
252NO 30				3.253 (20-)	30

S-p	=	3.384	(0.021)	-----	
252NO 31				3.481 (21-)	31
252NO 32				3.720 (22-)	32

S-p = 3.384 (0.021)-----

S-n = 8.128 (0.251)-----
S-2p = 5.779 (0.012)-----
S-2n = 14.801 (0.250)-----
S-alpha= -8.549 (0.013)-----

S+p = -1.637 (0.165)
S+n = -6.584 (0.012)
S+2p = -4.235 (0.254)
S+2n = -14.291 (0.013)
S+alpha = 8.926 (0.020)

gap p = 1.748 (0.166)
gap n = 1.544 (0.251)
gap 2p = 1.544 (0.254)
gap 2n = 0.511 (0.251)
gap alpha = 0.377 (0.024)