

$^{252}\text{No}$        $Z = 102$        $N = 150$       [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1871.301 ( 0.009) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-8.549 ( 0.013)				
252No 1	0.000	0+			1 2.44 S 4
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				1.150 (12+)	7
252No 8				1.526 (14+)	8
252No 9				1.942 (16+)	9
252No 10				2.395 (18+)	10
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252No 11				2.879 (20+)	11

S-p = 3.384 ( 0.021)-----  
S-n = 0.000 ( 0.000)-----  
S-2p = 5.779 ( 0.012)-----  
S-2n = 0.000 ( 0.000)-----  
S-alpha= -8.549 ( 0.013)-----

S+p = 0.000 ( 0.000)  
S+n = -6.584 ( 0.012)  
S+2p = 0.000 ( 0.000)  
S+2n = -14.291 ( 0.013)  
S+alpha = 8.926 ( 0.020)

gap p = 0.000 ( 0.000)  
gap n = 0.000 ( 0.000)  
gap 2p = 0.000 ( 0.000)  
gap 2n = 0.000 ( 0.000)  
gap alpha = 0.377 ( 0.024)