

^{132}Sn $Z = 50$ $N = 82$ adopted link ENSDF link

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

BE = 1102.843 (0.002) MeV

Qbeta- = 3.089 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
132SN 1	0.000	0+			1 39.7 S 8
132SN 2	4.041	2+			2 2.4 FS +9-5
132SN 3				4.352 (3-)	3 5.0 PS LT
132SN 4				4.416 (4+)	4 3.95 NS 13
132SN 5				4.716 (6+)	5 20.1 NS 5
132SN 6				4.831 (4-)	6 26.0 PS 5
132SN 7				4.849 (8+)	7 2.080 US 17
132SN 8				4.885 (5+)	8 40.0 PS LT
132SN 9				4.919 (7+)	9 62.0 PS 7
132SN 10				4.943 (5-)	10 17.0 PS 5
132SN 11				5.280 (9+)	11
132SN 12				5.388 (4-)	12
132SN 13				5.399 (6+)	13
132SN 14				5.479 (8+)	14
132SN 15				5.629 (7+)	15 13.0 PS 5
132SN 16				6.173 (5,6,7)	16
132SN 17				6.236 (6,7,8+)	17
132SN 18				6.598 (6,7-)	18
132SN 19				6.630 (6,7,8+)	19
132SN 20				6.709 (6,7-)	20
132SN 21				6.896 (6,7,8)	21
132SN 22				7.211 (6-)	22
132SN 23				7.244 (7-)	23
S-n =	7.353 (0.004)				
132SN 24				7.550	24
S-p =	15.811 (0.003)				
S-n =	7.353 (0.004)				
S-2p =	30.007 (0.022)				
S-2n =	12.557 (0.003)				
S-alpha =	11.733 (0.007)				
S+p =	-9.666 (0.004)				
S+n =	-2.399 (0.003)				
S+2p =	-20.565 (0.003)				
S+2n =	-6.030 (0.004)				
S+alpha =	-0.304 (0.003)				

gap p = 6.145 (0.005)
gap n = 4.955 (0.005)
gap 2p = 9.442 (0.023)
gap 2n = 6.527 (0.005)
gap alpha = 11.430 (0.007)