

$^{136}\text{Sn}$        $Z = 50$        $N = 86$       adopted link      ENSDF link

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

BE = 1114.792 (-0.136) MeV

Qbeta- = 8.297 ( 0.136) MeV

	Energy T	J+	J-	J-other	T1/2
136SN 1	0.000	0+			1 345 MS 15
136SN 2				0.688 (2+)	2
136SN 3				1.079 (4+)	3
136SN 4				1.295 (6+)	4 46 NS 7

S-p = 16.432 (-0.302)-----  
 S-n = 3.649 (-0.136)-----  
 S-2p = 31.268 (-0.301)-----  
 S-2n = 5.919 (-0.136)-----  
 S-alpha= 8.170 (-0.149)-----

S+p = -11.139 (-0.146)  
 S+n = -2.032 (-0.306)  
 S+2p = -24.064 (-0.136)  
 S+2n = -5.492 (-0.436)  
 S+alpha = -2.582 (-0.137)

gap p = 5.293 ( 0.336)  
 gap n = 1.617 ( 0.335)  
 gap 2p = 7.204 ( 0.330)  
 gap 2n = 0.427 ( 0.457)  
 gap alpha = 5.587 ( 0.202)