

$^{100}\text{Sn}$        $Z = 50$        $N = 50$       adopted link      ENSDF link

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

BE = 825.163 ( 0.240) MeV

Qbeta+ = 7.030 ( 0.240) MeV

	Energy T	J+	J-	J-other	T1/2
100SN	1   0.000	0+			1 1.18 S 8
S-p	= 3.008 ( 0.252)	-----			
S-n	= 17.224 ( 0.641)	-----			
S-2p	= 4.090 ( 0.246)	-----			
S-2n	= 0.000 ( 0.000)	-----			
S-alpha	= 4.003 ( 0.453)	-----			
S+p	= 0.000 ( 0.000)				
S+n	= -11.229 ( 0.384)				
S+2p	= 0.000 ( 0.000)				
S+2n	= -23.929 ( 0.260)				
S+alpha	= 5.096 ( 0.398)				
gap p	= 0.000 ( 0.000)				
gap n	= 5.995 ( 0.747)				
gap 2p	= 0.000 ( 0.000)				
gap 2n	= 0.000 ( 0.000)				
gap alpha	= 9.099 ( 0.603)				