

$^{233}\text{Fr}$        $Z = 87$        $N = 146$       adopted link      ENSDF link

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

BE = 1763.633 ( 0.020) MeV

Qbeta- = 4.586 ( 0.021) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-1.628 ( 0.458)				
233FR 1				0.000 (1/2+)	1 0.9 S 1

S-p = 0.000 ( 0.000)-----  
 S-n = 5.224 ( 0.024)-----  
 S-2p = 0.000 ( 0.000)-----  
 S-2n = 9.303 ( 0.021)-----  
 S-alpha= -1.628 ( 0.458)-----

S+p = -9.278 ( 0.021)  
 S+n = 0.000 ( 0.000)  
 S+2p = -16.141 ( 0.024)  
 S+2n = 0.000 ( 0.000)  
 S+alpha = 2.579 ( 0.474)

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 = 0.951 ( 0.660)