

^{230}Ac $Z = 89$ $N = 141$ adopted link ENSDF link

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

BE = 1752.936 (0.016) MeV

Qbeta- = 2.976 (0.016) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-3.893	(0.017)	-----		
230AC	1			0.000 (1+)	1 122 S 3
230AC	2			0.009	2
230AC	3			0.072	3
230AC	4			0.101	4
230AC	5			0.152	5
230AC	6			0.198	6
230AC	7			0.212	7
230AC	8			0.265	8
230AC	9			0.285	9
230AC	10			0.293	10

230AC	11			0.346	11
230AC	12			0.376	12
230AC	13			0.395	13
230AC	14			0.458	14
230AC	15			0.479	15
230AC	16			0.537	16
230AC	17			0.581	17
230AC	18			0.592	18
230AC	19			0.636	19

S-p = 6.013 (0.022)-----
 S-n = 4.923 (0.020)-----
 S-2p = 14.124 (0.017)-----
 S-2n = 11.199 (0.016)-----
 S-alpha= -3.893 (0.017)-----

S+p = -7.311 (0.016)
 S+n = -6.147 (0.021)
 S+2p = -12.470 (0.018)
 S+2n = -10.827 (0.021)
 S+alpha = 4.076 (0.016)

gap p = -1.299 (0.027)
 gap n = -1.224 (0.029)
 gap 2p = 1.654 (0.025)
 gap 2n = 0.372 (0.026)
 gap alpha = 0.183 (0.024)