

^{225}Ac $Z = 89$ $N = 136$ adopted link ENSDF link

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

BE = 1724.780 (0.005) MeV

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

S-alpha=	-5.935	(0.007)	-----		
225AC 1			0.000	(3/2-)	1 9.920 D 3
225AC 2			0.030	(5/2-)	2
225AC 3			0.040	(3/2+)	3 0.72 NS 3
225AC 4			0.065	(5/2+)	4
225AC 5			0.077	(7/2-)	5
225AC 6			0.105	(7/2+)	6
225AC 7			0.121	(5/2-)	7
225AC 8			0.145	(9/2+)	8
225AC 9			0.156	(5/2+)	9
225AC 10			0.171	(7/2-)	10

225AC 11			0.200	(7/2+)	11
225AC 12			0.221		12
225AC 13			0.236	(9/2-)	13
225AC 14			0.257	(9/2+)	14
225AC 15			0.318		15
225AC 16			0.327		16
225AC 17			0.421		17

S-p = 4.477 (0.005)-----

S-n = 6.668 (0.006)-----

S-2p = 11.323 (0.005)-----

S-2n = 12.330 (0.008)-----

S-alpha= -5.935 (0.007)-----

S+p = -5.729 (0.007)

S+n = -5.399 (0.006)

S+2p = -9.385 (0.009)

S+2n = -11.930 (0.005)

S+alpha = 5.835 (0.006)

gap p = -1.251 (0.008)

gap n = 1.269 (0.008)

gap 2p = 1.938 (0.010)

gap 2n = 0.400 (0.010)

gap alpha = -0.100 (0.009)