

^{213}Ac $Z = 89$ $N = 124$ adopted link ENSDF link

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

BE = 1643.421 (0.012) MeV

Qbeta+ = 5.795 (0.015) MeV

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

S-alpha=	-7.498 (0.016)				
213AC 1			0.000	9/2-	1 738 MS 16
213AC 2				0.467	2
213AC 3				0.613	3
213AC 4				0.634	4
S-p =	0.949 (0.016)				
213AC 5				1.063	5
213AC 6				1.884	6

S-p	= 0.949 (0.016)				
S-n	= 9.230 (0.025)				
S-2p	= 4.297 (0.017)				
S-2n	= 17.145 (0.055)				

S-alpha=	-7.498 (0.016)				

S+p	= -2.735 (0.016)				
S+n	= -7.779 (0.018)				
S+2p	= -2.914 (0.083)				
S+2n	= -16.253 (0.017)				
S+alpha	= 8.489 (0.017)				

gap p	= -1.786 (0.022)				
gap n	= 1.451 (0.031)				
gap 2p	= 1.382 (0.085)				
gap 2n	= 0.892 (0.058)				
gap alpha	= 0.990 (0.024)				