

^{222}Ac $Z = 89$ $N = 133$ adopted link ENSDF link

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

BE = 1705.582 (0.005) MeV

Qbeta+ = 2.302 (0.006) MeV

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

S-alpha=	-7.137 (0.006)				
222AC	1		0.000	1-	
					1 5.0 S 5

S-p	= 3.631 (0.007)				
S-n	= 5.981 (0.057)				
S-2p	= 9.438 (0.006)				
S-2n	= 13.265 (0.008)				
S-alpha=	-7.137 (0.006)				

S+p	= -4.525 (0.009)				
S+n	= -6.868 (0.008)				
S+2p	= -7.338 (0.009)				
S+2n	= -12.530 (0.006)				
S+alpha	= 6.987 (0.012)				

gap p	= -0.894 (0.011)				
gap n	= -0.887 (0.058)				
gap 2p	= 2.101 (0.011)				
gap 2n	= 0.734 (0.010)				
gap alpha	= -0.151 (0.014)				