

^{218}Ac $Z = 89$ $N = 129$ adopted link ENSDF link

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

BE = 1679.068 (0.058) MeV

Qbeta+ = 4.205 (0.058) MeV

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

S-alpha=	-9.384 (0.058)				
218AC 1			0.000	(1-)	1 1.03 US 5

S-p =	2.328 (0.058)				
S-n =	5.923 (0.059)				
S-2p =	6.698 (0.058)				
S-2n =	13.442 (0.058)				
S-alpha=	-9.384 (0.058)				

S+p =	-3.677 (0.081)				
S+n =	-7.353 (0.077)				
S+2p =	-5.150 (0.059)				
S+2n =	-13.250 (0.058)				
S+alpha =	8.789 (0.104)				

gap p =	-1.349 (0.099)				
gap n =	-1.430 (0.097)				
gap 2p =	1.548 (0.083)				
gap 2n =	0.192 (0.082)				
gap alpha =	-0.596 (0.119)				