

$^{212}\text{Ac}$        $Z = 89$        $N = 123$       adopted link      ENSDF link

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

BE = 1634.191 ( 0.022) MeV

Qbeta+ = 7.498 ( 0.024) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-7.540 ( 0.025)				
212AC 1				0.000 (7+)	1 880 MS 35
212AC 2				0.134	2
212AC 3				0.158	3

S-p = 0.821 ( 0.022)-----  
 S-n = 7.915 ( 0.058)-----  
 S-2p = 3.935 ( 0.026)-----  
 S-2n = 17.607 ( 0.066)-----  
 S-alpha= -7.540 ( 0.025)-----

S+p = -2.469 ( 0.024)  
 S+n = -9.230 ( 0.025)  
 S+2p = -2.418 ( 0.084)  
 S+2n = -17.009 ( 0.026)  
 S+alpha = 8.099 ( 0.033)

gap p = -1.647 ( 0.033)  
 gap n = -1.315 ( 0.063)  
 gap 2p = 1.517 ( 0.088)  
 gap 2n = 0.598 ( 0.071)  
 gap alpha = 0.560 ( 0.041)