

$^{235}\text{Ac}$        $Z = 89$        $N = 146$       adopted link      ENSDF link

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

BE      =    1779.774 ( 0.014) MeV

Qbeta- =      3.339 ( 0.019) MeV

	Energy T	J+	J-	J-other	T1/2
-----					
S-alpha=	-2.852 ( 0.016)				
235AC 1			0.000		1 62 S 4

S-p      =    6.862 ( 0.016)-----

S-n      =    5.555 ( 0.020)-----

S-2p    =  16.141 ( 0.024)-----

S-2n    =  10.094 ( 0.019)-----

S-alpha= -2.852 ( 0.016)-----

S+p      =  -8.391 ( 0.020)

S+n      =  -4.207 ( 0.041)

S+2p    = -14.408 ( 0.019)

S+2n    =  -9.576 ( 0.474)

S+alpha =    3.619 ( 0.239)

gap p    =  -1.529 ( 0.026)

gap n    =    1.348 ( 0.045)

gap 2p   =    1.733 ( 0.031)

gap 2n   =    0.517 ( 0.475)

gap alpha =    0.768 ( 0.240)