

$^{175}\text{Au}$        $Z = 79$        $N = 96$       adopted link      ENSDF link

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

BE      =    1368.079 ( 0.039) MeV

Qbeta+ =      8.305 ( 0.043) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-6.583 ( 0.054)				
S-p	= -0.625 ( 0.040)				
175AU	1			0.000 (1/2+)	1

S-p      =    -0.625 ( 0.040)-----

S-n      =    11.401 ( 0.178)-----

S-2p     =    1.713 ( 0.040)-----

S-2n     =    20.714 ( 0.045)-----

S-alpha= -6.583 ( 0.054)-----

S+p      =    -1.670 ( 0.040)

S+n      =    -9.189 ( 0.051)

S+2p     =    -0.514 ( 0.044)

S+2n     =    -20.285 ( 0.040)

S+alpha =    6.709 ( 0.055)

gap p    =    -2.295 ( 0.057)

gap n    =    2.212 ( 0.185)

gap 2p   =    1.199 ( 0.060)

gap 2n   =    0.429 ( 0.060)

gap alpha =    0.126 ( 0.077)