

$^{174}\text{Au}$        $Z = 79$        $N = 95$       adopted link      ENSDF link

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

BE = 1356.678 (-0.174) MeV

Qbeta+ = 11.244 ( 0.174) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-6.628	(-0.243)			
S-p =	-0.574	(-0.185)			
174AU	1			0.000	1 120 MS 20

S-p = -0.574 (-0.185)-----  
S-n = 9.313 (-0.175)-----  
S-2p = 1.273 (-0.177)-----  
S-2n = 20.899 (-0.183)-----  
S-alpha= -6.628 (-0.243)-----

S+p = -1.184 (-0.192)  
S+n = -11.401 (-0.178)  
S+2p = 0.081 (-0.193)  
S+2n = -20.589 (-0.177)  
S+alpha = 7.076 (-0.249)

gap p = -1.758 ( 0.267)  
gap n = -2.088 ( 0.250)  
gap 2p = 1.353 ( 0.262)  
gap 2n = 0.309 ( 0.255)  
gap alpha = 0.448 ( 0.348)