

^{204}Au $Z = 79$ $N = 125$ adopted link ENSDF link

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

BE = 1605.072 (-0.204) MeV

Qbeta- = 4.362 (0.204) MeV

	Energy T	J+	J-	J-other	T1/2
204AU	1			0.000 (2-)	1 39.8 S 9

S-p = 8.071 (-0.288)-----

S-n = 5.256 (-0.204)-----

S-2p = 18.362 (-0.287)-----

S-2n = 12.118 (-0.205)-----

S-alpha= 1.176 (-0.286)-----

S+p = -9.248 (-0.204)

S+n = -6.228 (-0.289)

S+2p = -16.503 (-0.204)

S+2n = -9.968 (-0.290)

S+alpha = 1.153 (-0.204)

gap p = -1.177 (0.353)

gap n = -0.972 (0.354)

gap 2p = 1.859 (0.352)

gap 2n = 2.150 (0.355)

gap alpha = 2.330 (0.351)