

^{172}Au $Z = 79$ $N = 93$ adopted link ENSDF link

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

BE = 1335.779 (0.056) MeV

Qbeta+ = 11.789 (0.057) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-6.923 (0.079)				
S-p =	-0.860 (0.099)				
172AU	1			0.000	1 22 MS +6-4

S-p = -0.860 (0.099)-----
 S-n = 9.827 (0.060)-----
 S-2p = 0.769 (0.179)-----
 S-2n = 21.679 (0.179)-----
 S-alpha= -6.923 (0.079)-----

S+p = -0.646 (0.182)
 S+n = -11.585 (0.061)
 S+2p = 0.000 (0.000)
 S+2n = -20.899 (0.183)
 S+alpha = 7.478 (0.100)

gap p = -1.505 (0.207)
 gap n = -1.758 (0.085)
 gap 2p = 0.000 (0.000)
 gap 2n = 0.781 (0.256)
 gap alpha = 0.554 (0.127)