

$^{80}\text{Cu}$        $Z = 29$        $N = 51$       adopted link      ENSDF link

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

BE = 659.680 (-0.320) MeV

Qbeta- = 14.986 ( 0.320) MeV

	Energy T	J+	J-	J-other	T1/2
80CU 1				0.000	1 113.6 MS +82-38

S-p = 15.830 (-0.572)-----

S-n = 2.326 (-0.337)-----

S-2p = 35.914 (-0.771)-----

S-2n = 8.016 (-0.320)-----

S-alpha= 13.428 (-0.621)-----

S+p = -16.826 (-0.320)

S+n = -3.305 (-0.455)

S+2p = -30.846 (-0.320)

S+2n = -5.176 (-0.520)

S+alpha = -9.856 (-0.321)

gap p = -0.996 ( 0.655)

gap n = -0.979 ( 0.566)

gap 2p = 5.068 ( 0.835)

gap 2n = 2.840 ( 0.611)

gap alpha = 3.572 ( 0.699)