

^{76}Cu $Z = 29$ $N = 47$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 641.708 (0.007) MeV

Qbeta- = 11.327 (0.007) MeV

	Energy T	J+	J-	J-other	T1/2
76CU 1			0.0+X		1 0.641 S 6
76CU 2			0.0+Y		2 1.27 S 30

S-p = 0.000 (0.000)-----
 S-n = 4.576 (0.007)-----
 S-2p = 0.000 (0.000)-----
 S-2n = 11.112 (0.009)-----
 S-alpha= 0.000 (0.000)-----

S+p = -15.102 (0.007)
 S+n = 0.000 (0.000)
 S+2p = -27.308 (0.007)
 S+2n = -9.664 (0.503)
 S+alpha = -10.673 (0.007)

gap p = 0.000 (0.000)
 gap n = 0.000 (0.000)
 gap 2p = 0.000 (0.000)
 gap 2n = 1.448 (0.503)
 gap alpha = 0.000 (0.000)