

$^{78}\text{Cu}$        $Z = 29$        $N = 49$       [link to full NNDC output](#)

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

BE = 651.372 ( 0.503) MeV

Qbeta- = 12.986 ( 0.503) MeV

	Energy T	J+	J-	J-other	T1/2
78CU 1				0.000 (4-,5-,6-)	1 335 MS 11

S-p = 0.000 ( 0.000)-----  
 S-n = 0.000 ( 0.000)-----  
 S-2p = 0.000 ( 0.000)-----  
 S-2n = 9.664 ( 0.503)-----  
 S-alpha= 0.000 ( 0.000)-----

S+p = -16.224 ( 0.503)  
 S+n = 0.000 ( 0.000)  
 S+2p = -29.304 ( 0.503)  
 S+2n = 0.000 ( 0.000)  
 S+alpha = -10.858 ( 0.503)

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