

^{53}Cu $Z = 29$ $N = 24$ adopted link ENSDF link

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

BE = 418.223 (-0.477) MeV

Qbeta+ = 16.500 (0.478) MeV

	Energy T	J+	J-	J-other	T1/2

S-p	= -2.140 (-0.484)				
^{53}Cu	1			0.000	1 130 NS LT

S-p	= -2.140 (-0.484)				
S-n	= 19.331 (-0.785)				
S-2p	= 0.367 (-0.479)				
S-2n	= 0.000 (-0.000)				
S-alpha	= 5.767 (-0.684)				

S+p	= 0.155 (-0.524)				
S+n	= -16.207 (-0.609)				
S+2p	= 0.000 (-0.000)				
S+2n	= -34.647 (-0.502)				
S+alpha	= -4.693 (-0.622)				

gap p	= -1.985 (0.713)				
gap n	= 3.124 (0.994)				
gap 2p	= 0.000 (0.000)				
gap 2n	= 0.000 (0.000)				
gap alpha	= 1.074 (0.924)				