

^{56}Cu $Z = 29$ $N = 27$ adopted link ENSDF link

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

BE = 467.935 (0.006) MeV

Qbeta+ = 15.278 (0.006) MeV

	Energy T	J+	J-	J-other	T1/2
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^{56}Cu 1				0.000 (4+)	1 93 MS 3

S-p = 0.583 (0.006)-----

S-n = 15.066 (0.156)-----

S-2p = 5.198 (0.006)-----

S-2n = 33.505 (0.378)-----

S-alpha= 6.711 (0.008)-----

S+p = -1.232 (0.228)

S+n = -16.751 (0.006)

S+2p = 0.513 (0.290)

S+2n = -29.181 (0.006)

S+alpha = -3.389 (0.180)

gap p = -0.649 (0.228)

gap n = -1.685 (0.156)

gap 2p = 5.711 (0.290)

gap 2n = 4.325 (0.378)

gap alpha = 3.322 (0.180)