

^{178}Er $Z = 68$ $N = 110$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 1423.822 (-0.534) MeV

Qbeta- = 3.986 (0.642) MeV

	Energy T	J+	J-	J-other	T1/2
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178ER 1	0.000	0+			1 160 NS GT

S-p = 11.362 (-0.753) -----
 S-n = 5.521 (-0.753) -----
 S-2p = 21.278 (-0.751) -----
 S-2n = 9.838 (-0.640) -----
 S-alpha = 1.612 (-0.747) -----

S+p = -8.894 (-0.643)
 S+n = -3.882 (-0.757)
 S+2p = -19.058 (-0.644)
 S+2n = -8.978 (-0.759)
 S+alpha = -0.970 (-0.646)

gap p = 2.468 (0.990)
 gap n = 1.639 (1.068)
 gap 2p = 2.220 (0.989)
 gap 2n = 0.860 (0.993)
 gap alpha = 0.642 (0.988)