

^{147}Er $Z = 68$ $N = 79$ adopted link ENSDF link

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

BE = 1179.892 (0.038) MeV

Qbeta+ = 9.149 (0.039) MeV

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

S-alpha=	-3.136 (0.040)				
147ER 1				0.000 (1/2+)	1 3.2 S 12
147ER 2				0.081 (3/2+)	2

S-p = 2.659 (0.039)-----
 S-n = 10.357 (0.039)-----
 S-2p = 2.943 (0.039)-----
 S-2n = 23.517 (0.150)-----
 S-alpha= -3.136 (0.040)-----

S+p = 0.554 (0.040)
 S+n = -12.943 (0.040)
 S+2p = -1.231 (0.300)
 S+2n = -23.276 (0.047)
 S+alpha = 2.641 (0.303)

gap p = 3.212 (0.055)
 gap n = -2.585 (0.055)
 gap 2p = 1.712 (0.303)
 gap 2n = 0.241 (0.157)
 gap alpha = -0.496 (0.306)