

$^{146}\text{Er}$        $Z = 68$        $N = 78$       adopted link      ENSDF link

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

BE      =      1169.535 ( 0.007) MeV

Qbeta+ =      6.916 ( 0.009) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-3.423 ( 0.710)				
146ER	1   0.000	0+			1 1.7 S 6

S-p      =      2.491 ( 0.010)-----

S-n      =      13.160 ( 0.145)-----

S-2p    =      2.330 ( 0.010)-----

S-2n    =      23.871 ( 0.144)-----

S-alpha= -3.423 ( 0.710)-----

S+p      =      1.059 ( 0.010)

S+n      =     -10.357 ( 0.039)

S+2p    =     -0.553 ( 0.444)

S+2n    =     -23.300 ( 0.012)

S+alpha =      3.081 ( 0.300)

gap p    =      3.550 ( 0.014)

gap n    =      2.803 ( 0.150)

gap 2p   =      1.777 ( 0.444)

gap 2n   =      0.571 ( 0.145)

gap alpha =     -0.342 ( 0.771)