

^{118}I $Z = 53$ $N = 65$ adopted link ENSDF link

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

BE = 991.922 (0.020) MeV

Qbeta+ = 6.720 (0.027) MeV

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

S-alpha=	-1.101 (0.028)				
118I	1		0.000	2-	
					1 13.7 M 5

S-p = 3.165 (0.024)-----

S-n = 8.604 (0.032)-----

S-2p = 8.727 (0.020)-----

S-2n = 19.693 (0.078)-----

S-alpha= -1.101 (0.028)-----

S+p = -5.112 (0.022)

S+n = -10.878 (0.029)

S+2p = -7.496 (0.022)

S+2n = -18.919 (0.025)

S+alpha = 0.401 (0.039)

gap p = -1.948 (0.033)

gap n = -2.274 (0.044)

gap 2p = 1.232 (0.030)

gap 2n = 0.774 (0.081)

gap alpha = -0.699 (0.048)