

^{24}F $Z = 9$ $N = 15$ adopted link ENSDF link

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

BE = 179.126 (0.098) MeV

Qbeta- = 13.496 (0.098) MeV

	Energy T	J+	J-	J-other	T1/2
24F	1			0.000 (3+)	1 390 MS 70
24F	2			0.521 (1+,2,3+)	2
24F	3 1.831	1+			3

S-p = 14.366 (0.156)-----
 S-n = 3.812 (0.103)-----
 S-2p = 38.798 (0.230)-----
 S-2n = 11.392 (0.098)-----
 S-alpha= 16.647 (0.126)-----

S+p = -16.869 (0.102)
 S+n = -4.282 (0.137)
 S+2p = -28.983 (0.098)
 S+2n = -5.012 (0.145)
 S+alpha = -10.958 (0.098)

gap p = -2.503 (0.186)
 gap n = -0.470 (0.172)
 gap 2p = 9.815 (0.250)
 gap 2n = 6.379 (0.175)
 gap alpha = 5.689 (0.159)