

^{251}Fm $Z = 100$ $N = 151$ adopted link ENSDF link

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

BE = 1871.707 (0.014) MeV

Qbeta+ = 1.447 (0.015) MeV

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

S-alpha=	-7.424	(0.020)	-----		
251FM 1				0.000 (9/2-)	1 5.30 H 8
251FM 2			0.064 11/2-		2
251FM 3	0.200	5/2+			3 21.1 US 19
251FM 4	0.243	7/2+			4
251FM 5	0.301	9/2+			5
251FM 6				0.354 (7/2+)	6
251FM 7	0.392	1/2+			7 22 NS 3
251FM 8	0.395	3/2+			8 16 NS LT
251FM 9	0.461	5/2+			9
251FM 10	0.558	1/2+			10 8 NS LT

251FM 11	0.579	3/2+			11
251FM 12	0.604	5/2+			12

S-p = 4.457 (0.014)-----
 S-n = 6.185 (0.016)-----
 S-2p = 8.342 (0.014)-----
 S-2n = 13.703 (0.016)-----
 S-alpha= -7.424 (0.020)-----

S+p = -2.781 (0.092)
 S+n = -7.214 (0.015)
 S+2p = -6.178 (0.016)
 S+2n = -12.756 (0.014)
 S+alpha = 8.428 (0.020)

gap p = 1.677 (0.093)
 gap n = -1.029 (0.022)
 gap 2p = 2.164 (0.021)
 gap 2n = 0.947 (0.021)
 gap alpha = 1.004 (0.028)