

^{203}Fr $Z = 87$ $N = 116$ adopted link ENSDF link

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

BE = 1569.537 (0.006) MeV

Qbeta+ = 7.061 (0.009) MeV

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

S-alpha=	-7.275	(0.008)	-----		
203FR 1			0.000	9/2-	
					1 0.55 S 1
S-p =	0.138	(0.019)	-----		
203FR 2				0.162 (7/2-)	2
203FR 3				0.337 (5/2-)	3
203FR 4	0.361	1/2+			4 43 MS 4
203FR 5	0.426	13/2+			5 0.37 US 5
203FR 6				0.476 (13/2-)	6
203FR 7				0.789 (15/2+)	7
203FR 8				1.035 (17/2-)	8
203FR 9				1.036 (17/2+)	9
203FR 10				1.673 (21/2-)	10

S-p = 0.138 (0.019)-----
 S-n = 10.296 (0.009)-----
 S-2p = 2.912 (0.010)-----
 S-2n = 18.855 (0.011)-----
 S-alpha= -7.275 (0.008)-----

S+p = -2.104 (0.011)
 S+n = -8.340 (0.025)
 S+2p = -1.348 (0.060)
 S+2n = -18.329 (0.010)
 S+alpha = 7.845 (0.057)

gap p = -1.967 (0.022)
 gap n = 1.956 (0.027)
 gap 2p = 1.564 (0.061)
 gap 2n = 0.526 (0.015)
 gap alpha = 0.570 (0.057)