

^{214}Fr $Z = 87$ $N = 127$ adopted link ENSDF link

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

BE = 1660.156 (0.009) MeV

Qbeta+ = 3.361 (0.013) MeV

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

S-alpha=	-8.589	(0.011)	-----			
214FR 1				0.000 (1-)	1	5.5 MS 3
214FR 2				0.121 (8-)	2	3.38 MS 5
214FR 3				0.166 (9-)	3	
214FR 4				0.638 (11+)	4	103 NS 4
214FR 5				0.937 (11+,12+)	5	
214FR 6				1.080 (12+)	6	
214FR 7				1.367 (12+)	7	
214FR 8				1.544 (12+)	8	
214FR 9				1.597 (13-)	9	
214FR 10				1.636 (11,12)	10	

214FR 11				1.661 (14-)	11	11 NS 2
214FR 12				1.732 (15-)	12	10 NS 2
214FR 13				1.850 (16-)	13	
214FR 14				2.163 (17+)	14	7 NS LE

S-p = 2.551 (0.009)-----

S-n = 5.475 (0.010)-----

S-2p = 6.908 (0.009)-----

S-2n = 13.585 (0.012)-----

S-alpha= -8.589 (0.011)-----

S+p = -3.798 (0.011)

S+n = -6.795 (0.011)

S+2p = -5.470 (0.013)

S+2n = -12.213 (0.009)

S+alpha = 9.384 (0.058)

gap p = -1.247 (0.014)

gap n = -1.319 (0.015)

gap 2p = 1.438 (0.015)

gap 2n = 1.372 (0.015)

gap alpha = 0.796 (0.059)