

^{208}Fr $Z = 87$ $N = 121$ adopted link ENSDF link

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

BE = 1613.435 (0.012) MeV

Qbeta+ = 6.990 (0.015) MeV

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

S-alpha=	-6.786 (0.025)	-----			
208FR 1	0.000	7+			1 59.1 S 3
208FR 2				0.633 (9+)	2
208FR 3				0.827 (10-)	3 200 NS AP

S-p = 1.319 (0.013)-----
 S-n = 7.887 (0.021)-----
 S-2p = 4.803 (0.018)-----
 S-2n = 17.561 (0.030)-----
 S-alpha= -6.786 (0.025)-----

S+p = -2.766 (0.013)
 S+n = -9.189 (0.016)
 S+2p = -3.149 (0.063)
 S+2n = -16.821 (0.018)
 S+alpha = 7.540 (0.025)

gap p = -1.447 (0.018)
 gap n = -1.302 (0.027)
 gap 2p = 1.654 (0.066)
 gap 2n = 0.739 (0.035)
 gap alpha = 0.754 (0.036)