

^{217}Fr $Z = 87$ $N = 130$ adopted link ENSDF link

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

BE = 1679.097 (0.007) MeV

Qbeta+ = 0.656 (0.008) MeV

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

S-alpha=	-8.469 (0.008)				
217FR 1			0.000	9/2-	1 22 US 5
217FR 2				0.210	2
217FR 3				0.274	3
217FR 4			0.364	13/2-	4
217FR 5				0.482	5
217FR 6			0.704	17/2-	6
217FR 7			1.077	21/2-	7
217FR 8				1.256	8
217FR 9	1.355	23/2+			9
217FR 10			1.510	25/2-	10

217FR 11				1.689	11
217FR 12	1.714	27/2+			12
217FR 13			1.988	29/2-	13
217FR 14	2.111	31/2+			14
217FR 15				2.155	15
217FR 16				2.516 (35/2+)	16
217FR 17				2.582	17
217FR 18				2.618	18
217FR 19				3.002 (39/2+)	19

S-p = 3.228 (0.009)-----
S-n = 6.728 (0.008)-----
S-2p = 9.007 (0.009)-----
S-2n = 12.146 (0.010)-----
S-alpha= -8.469 (0.008)-----

S+p = -4.958 (0.012)
S+n = -5.327 (0.008)
S+2p = -7.323 (0.052)
S+2n = -11.840 (0.009)
S+alpha = 7.792 (0.057)

gap p = -1.730 (0.015)
gap n = 1.401 (0.011)
gap 2p = 1.684 (0.053)
gap 2n = 0.306 (0.014)
gap alpha = -0.678 (0.058)