

^{218}Fr $Z = 87$ $N = 131$ adopted link ENSDF link

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

BE = 1684.424 (0.004) MeV
Qbeta- = 0.414 (0.011) MeV
Qbeta+ = 1.842 (0.005) MeV

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

S-alpha=	-8.014 (0.006)							
218FR	1		0.000	1-		1	1.1 MS	+5-4

S-p = 3.888 (0.006)-----
S-n = 5.327 (0.008)-----
S-2p = 9.775 (0.006)-----
S-2n = 12.054 (0.006)-----
S-alpha= -8.014 (0.006)-----

S+p = -4.955 (0.008)
S+n = -6.514 (0.008)
S+2p = -7.894 (0.007)
S+2n = -11.720 (0.006)
S+alpha = 7.137 (0.006)

gap p = -1.067 (0.010)
gap n = -1.187 (0.011)
gap 2p = 1.881 (0.009)
gap 2n = 0.334 (0.008)
gap alpha = -0.876 (0.009)