

^{254}Fm $Z = 100$ $N = 154$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1890.977 (0.003) MeV

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

S-alpha=	-7.308	(0.003)	-----		
254FM 1	0.000	0+			1 3.240 H 2
254FM 2	0.045	2+			2
254FM 3	0.149	4+			3
254FM 4	0.694	2+			4
254FM 5			0.734	(3)+	5

S-p = 5.397 (0.003)-----
 S-n = 6.514 (0.004)-----
 S-2p = 9.710 (0.003)-----
 S-2n = 12.056 (0.006)-----
 S-alpha= -7.308 (0.003)-----

S+p = -3.349 (0.007)
 S+n = -5.174 (0.005)
 S+2p = -7.659 (0.008)
 S+2n = -11.558 (0.006)
 S+alpha = 0.000 (0.000)

gap p = 2.048 (0.008)
 gap n = 1.340 (0.006)
 gap 2p = 2.051 (0.009)
 gap 2n = 0.497 (0.009)
 gap alpha = 0.000 (0.000)