

^{248}Fm $Z = 100$ $N = 148$ adopted link ENSDF link

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

BE = 1851.554 (0.009) MeV

Qbeta+ = 1.711 (0.009) MeV

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

S-alpha=	-7.995	(0.009)	-----		
248FM 1	0.000	0+			1 34.5 S 12
248FM 2	0.046	2+			2
248FM 3	0.152	4+			3
248FM 4	0.317	6+			4
248FM 5	0.539	8+			5
248FM 6	0.813	10+			6
248FM 7				1.074	7 10.1 MS 6
248FM 8	1.137	12+			8
248FM 9	1.508	14+			9
248FM 10	1.921	16+			10

248FM 11	2.372	18+			11

S-p = 3.970 (0.021)-----
 S-n = 7.946 (0.247)-----
 S-2p = 6.770 (0.009)-----
 S-2n = 14.436 (0.016)-----
 S-alpha= -7.995 (0.009)-----

S+p = -2.006 (0.165)
 S+n = -6.450 (0.011)
 S+2p = -4.946 (0.250)
 S+2n = -13.968 (0.012)
 S+alpha = 8.549 (0.013)

gap p = 1.964 (0.166)
 gap n = 1.496 (0.247)
 gap 2p = 1.825 (0.250)
 gap 2n = 0.468 (0.020)
 gap alpha = 0.554 (0.015)