ROI
Burst

MMS3_FPI Electron L2 v3.3.0 omni [eV]

10^4
10^3
10^2
10^1

10^9
10^8
10^7
10^6
10^5
10^4
eV/(cm^2 s sr eV)

MMS3_FPI Ion L2 v3.3.0 omni [eV]

10^4
10^3
10^2
10^1

10^8
10^7
10^6
10^5
10^4
eV/(cm^2 s sr eV)

MMS3 FPI_L2 Electron(blue) Ion(red) Number Density [cm^{-3}]

10^2
10^1
10^0
10^{-1}

MMS3_EDP s/c pot [-V]

10^2
10^1
10^0
10^{-1}

MMS3 FPI_L2 Temp [eV]

10^4
10^3
10^2
10^1

Ti_Perp
Ti_Para
Te_Perp
Te_Para

MMS3 FPI_L2 Ion BulkV_GSM [km/s]

800
600
400
200
0
−200
−400

V_X
V_Y
V_Z

MMS3_FGM L2_GSM 2.5 sec averaged [nT]

30
20
10
0
−10
−20

B_X
B_Y
B_Z

MMS3 FGM Btotal [nT]

25
20
15
10
5
0

L2 v5.99.0
Mon Sep 21 11:50:30 2020

GSMX [R_E]	−19.6765	−19.6995	−19.7217	−19.7433	−19.7642	−19.7845	−19.8040	−19.8229	−19.8411	−19.8586	−19.8754	−19.8915	−19.9070
GSMY [R_E]	15.3348	15.2998	15.2653	15.2313	15.1977	15.1646	15.1321	15.1001	15.0686	15.0376	15.0071	14.9771	14.9476
GSMZ [R_E]	3.1262	3.1634	3.1956	3.2227	3.2447	3.2617	3.2738	3.2810	3.2834	3.2811	3.2741	3.2626	3.2466
hhmm	2200	2210	2220	2230	2240	2250	2300	2310	2320	2330	2340	2350	0000
2017	Aug 17												Aug 18