Fast
Burst

MMS2
FGM_L2
GSM
[nT]

IBI
B_x
B_y
B_z

MMS2_FPI
Electron
L2
v3.3.0
omni
[eV]

MMS2_FPI
Ion L2
BG_corr
v3.3.0
omni
[eV]

MMS2
HPCA L2
H^+ srvy
ELEV
0-360
[eV]

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

MMS2_EDP_HF
Fpe_DIS(White)
Fpe_HPCA(Magenta)
Fce_FGM(Black)
[Hz]

10^{-10}
10^{-12}
10^{-14}
10^{-16}
(V/m)^2 Hz^{-1}

MMS2
FPI_HPCA
Number
Density
[cm^{-3}]

DIS_orig
DIS
H+
He++
He+
O+

MMS2
HPCA
H+
BulkV_GSM
[km/s]

V_x
V_y
V_z

Sun Mar 28 03:46:33 2021

GSMX [R_E]	18.4538	18.4336	18.4132	18.3925	18.3716	18.3505	18.3292	18.3076	18.2857	18.2636	18.2413	18.2188	18.1959
GSMY [R_E]	−12.0573	−12.0181	−11.9785	−11.9388	−11.8988	−11.8586	−11.8181	−11.7774	−11.7364	−11.6951	−11.6536	−11.6118	−11.5697
GSMZ [R_E]	0.5439	0.5643	0.5856	0.6078	0.6308	0.6546	0.6793	0.7048	0.7310	0.7580	0.7858	0.8144	0.8436
hhmm	0000	0005	0010	0015	0020	0025	0030	0035	0040	0045	0050	0055	0100

2018 Feb 23

EDP_HFESP v0.4.2, v0.4.3, v0.4.4