



Fast
Burst

IBI
B_x
B_y
B_z

MMS2_FPI
Electron
L2
v3.4.0
omni
[eV]

MMS2_FPI
Ion_L2
BG_corr
v3.4.0
omni
[eV]

MMS2
HPCA_L2
H+ srvy
ELEV
0-360
[eV]

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

MMS2_FPL_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

GSMX [R_p] -15.8546
GSMY [R_p] -12.0139
GSMZ [R_p] -8.1155
hhmm 0000
2022 Jul 28

-15.7942 -15.7336 -15.6728 -15.6117 -15.5504 -15.4889 -15.4271 -15.3651 -15.3029 -15.2405 -15.1778 -15.1149
-12.0110 -12.0086 -12.0065 -12.0048 -12.0035 -12.0025 -12.0018 -12.0015 -12.0015 -12.0017 -12.0022 -12.0030
-8.0973 -8.0782 -8.0581 -8.0370 -8.0151 -7.9922 -7.9684 -7.9437 -7.9181 -7.8917 -7.8643 -7.8361
0005 0010 0015 0020 0025 0030 0035 0040 0045 0050 0055 0100