



ROI  
Burst  
Saturation  
Cold (>10%)  
Hot (>25%)  
Others

Saturation  
Radiation  
Hot (>25%)  
Others

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

$10^8$   
 $10^7$   
 $10^6$   
 $10^5$   
 $10^4$   
eV/(cm<sup>2</sup> s sr eV)

$10^2$   
 $10^1$   
 $10^0$   
 $10^{-1}$   
MMS3\_EDP  
s/c pot  
[-V]

$10^{-10}$   
 $10^{-12}$   
 $10^{-14}$   
 $10^{-16}$   
(V/m)<sup>2</sup> Hz

$V_x$   
 $V_y$   
 $V_z$

IBI  
 $B_x$   
 $B_y$   
 $B_z$

GSMX [R <sub>E</sub> ]	10.9114	11.0393	11.1661	11.2917	11.4163	11.5397	11.6620	11.7832	11.9033	12.0223	12.1403	12.2573	12.3732
GSMY [R <sub>E</sub> ]	-13.4040	-13.4630	-13.5209	-13.5778	-13.6336	-13.6884	-13.7425	-13.7957	-13.8481	-13.8999	-13.9511	-14.0018	-14.0519
GSMZ [R <sub>E</sub> ]	-1.8653	-1.9212	-1.9747	-2.0256	-2.0737	-2.1189	-2.1610	-2.1998	-2.2353	-2.2671	-2.2953	-2.3197	-2.3402
hhmm	2000	2010	2020	2030	2040	2050	2100	2110	2120	2130	2140	2150	2200

2018 Feb 15