

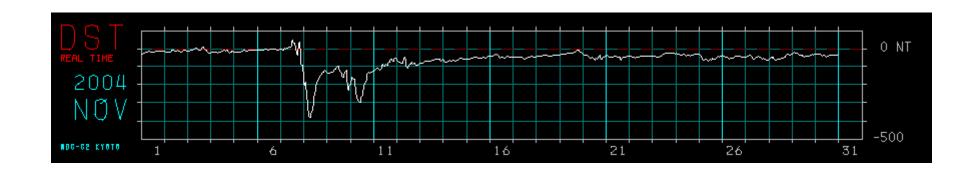
Ionospheric data recorded by DEMETER during large magnetic storms

M. Parrot LPC2E/CNRS, Univ. Orléans

2nd International DEMETER workshop - Paris 2011



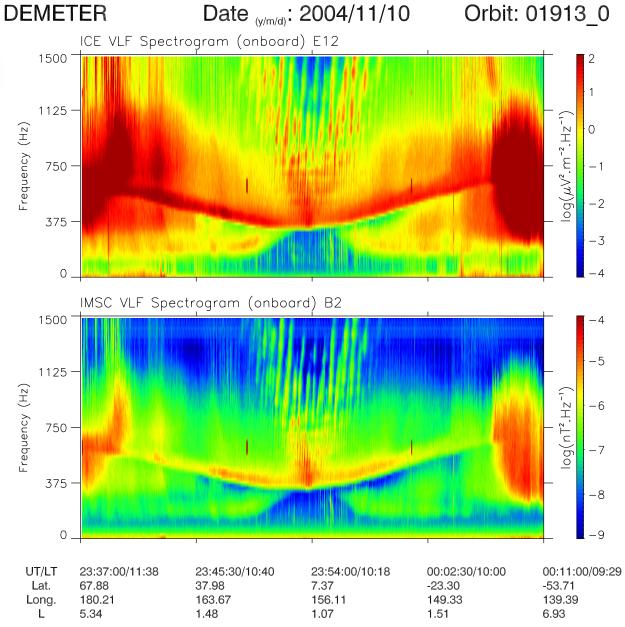
The super magnetic storm of November 8-10, 2004





QP emissions



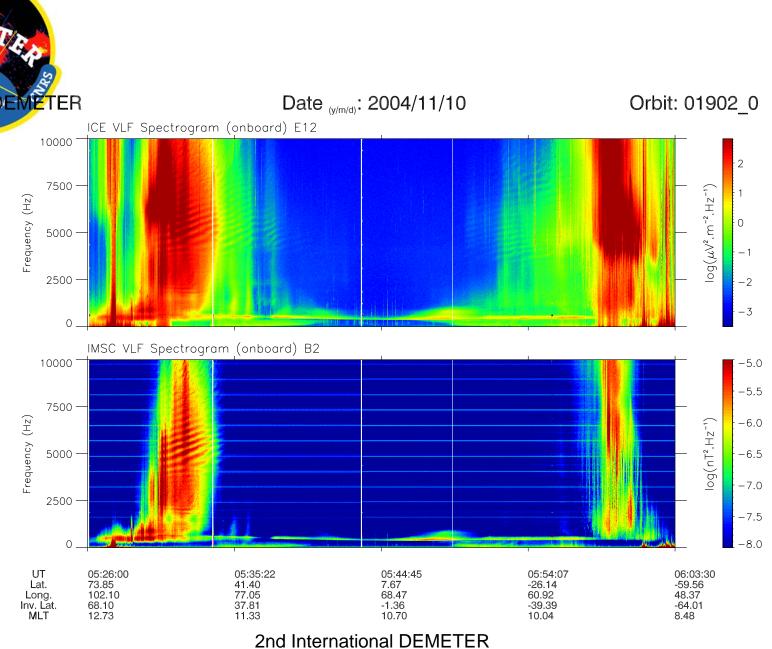


2nd International DEMETER workshop - Paris 2011

Berthelier et al., 2006



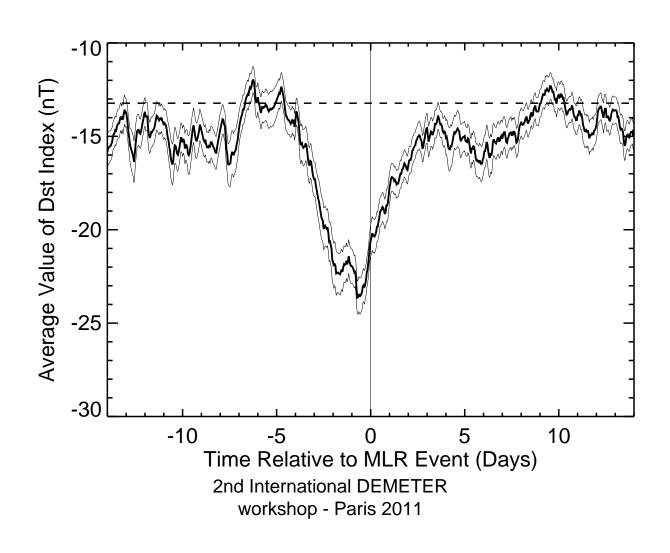
MLR



2nd International DEMETER workshop - Paris 2011



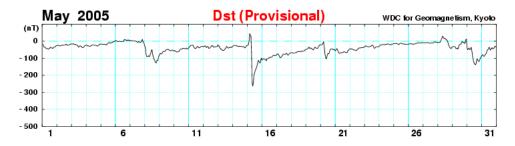
MLR occurrence



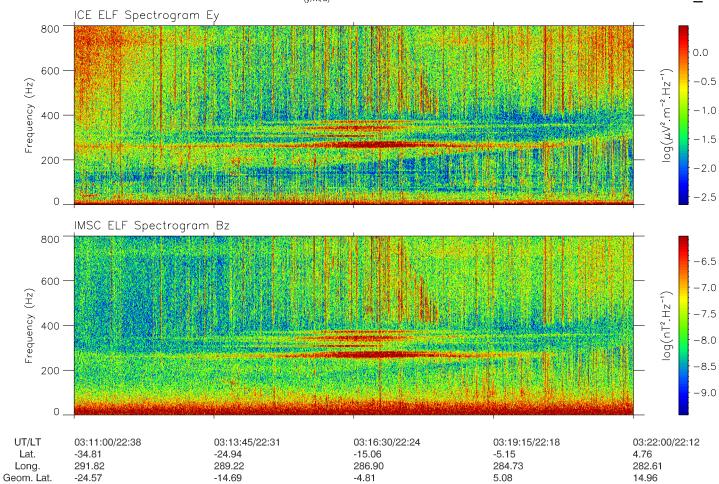


ELF equatorial emissions EMIC waves



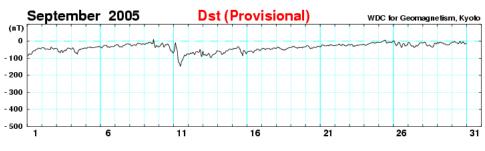




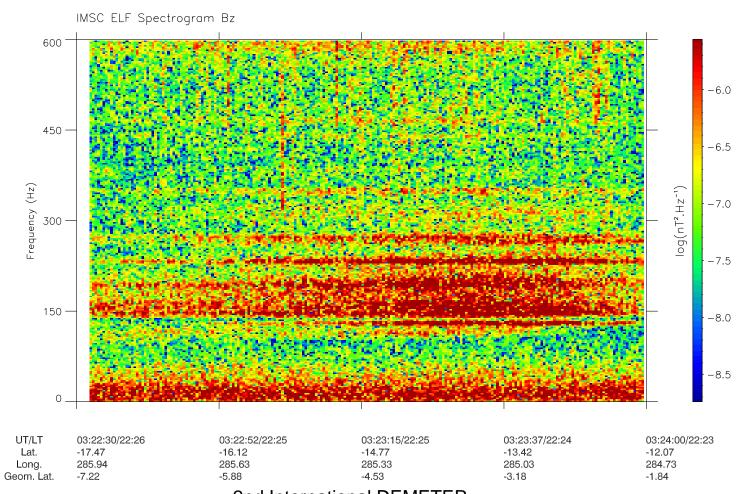


2nd International DEMETER workshop - Paris 2011

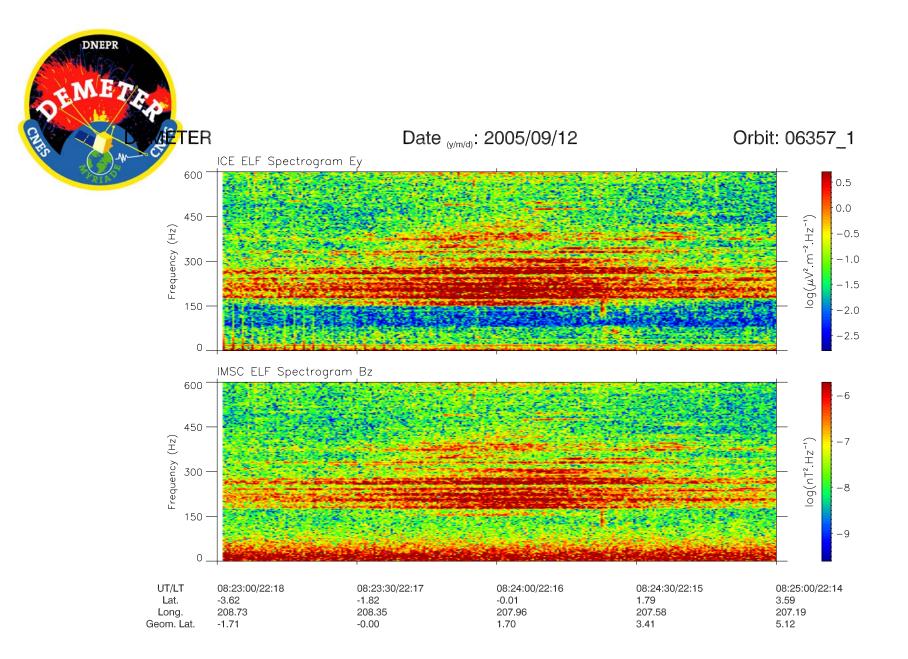




Date _(y/m/d): 2005/09/12 Orbit: 06354_1



2nd International DEMETER workshop - Paris 2011

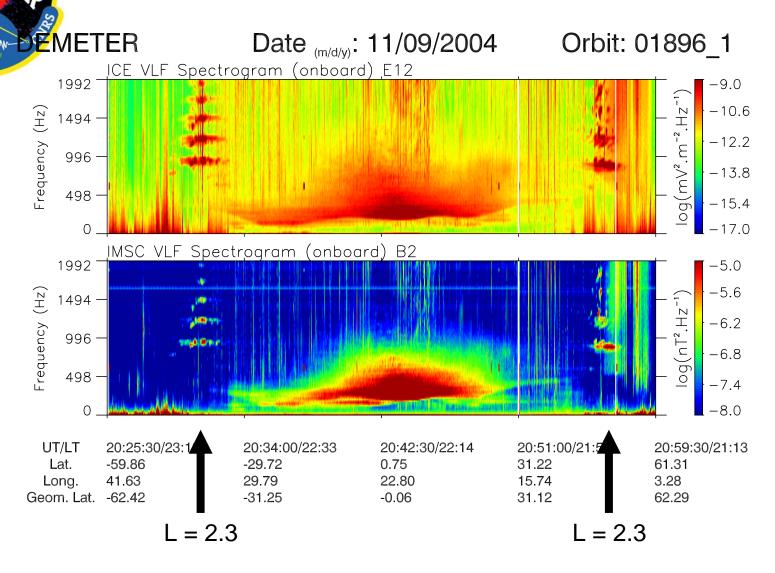


2nd International DEMETER workshop - Paris 2011

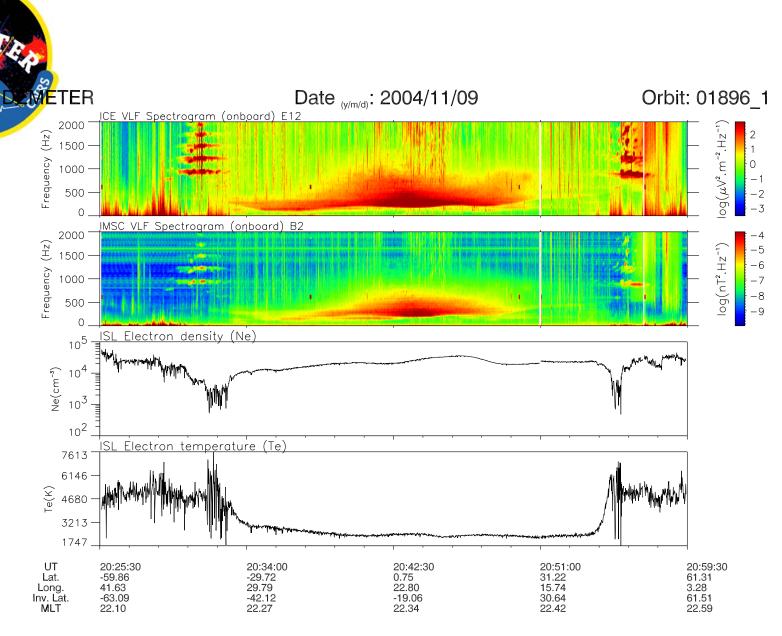


Harmonic Waves close to the trough

Parrot et al., 2006



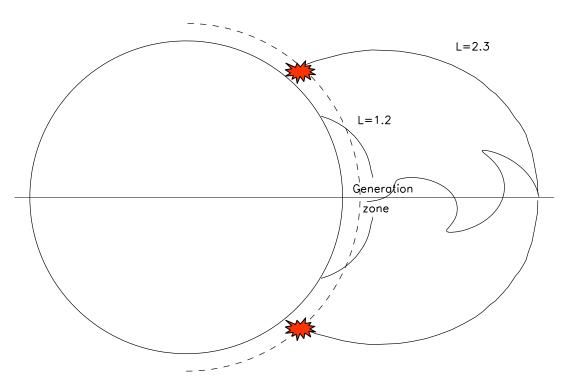
2nd International DEMETER workshop - Paris 2011



2nd International DEMETER workshop - Paris 2011



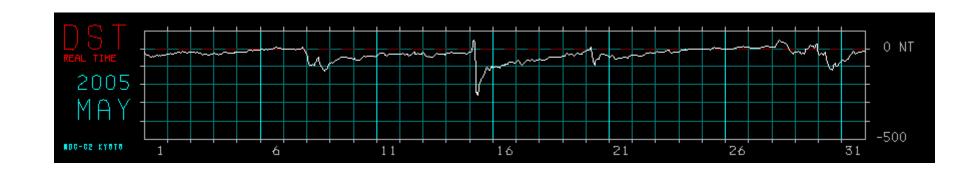
DEMETER Date: 2004/11/09 Orbit: 01896_1



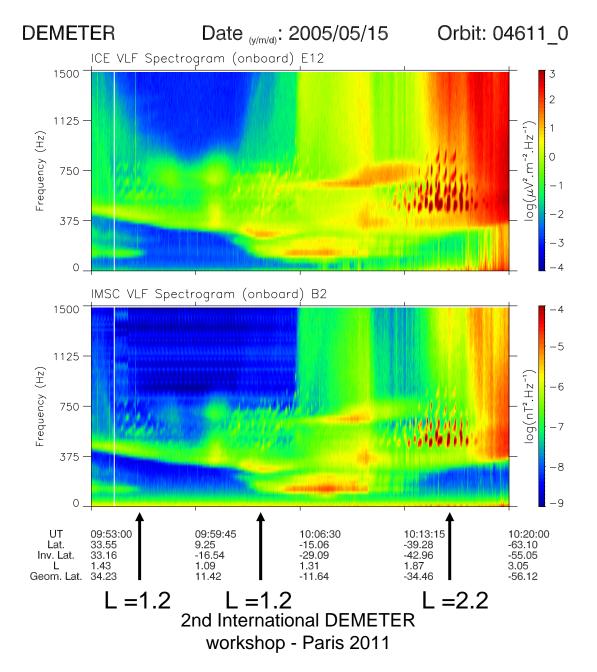
2nd International DEMETER workshop - Paris 2011



The magnetic storm of May 15, 2005

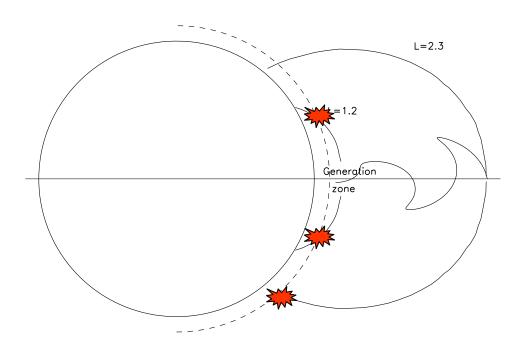








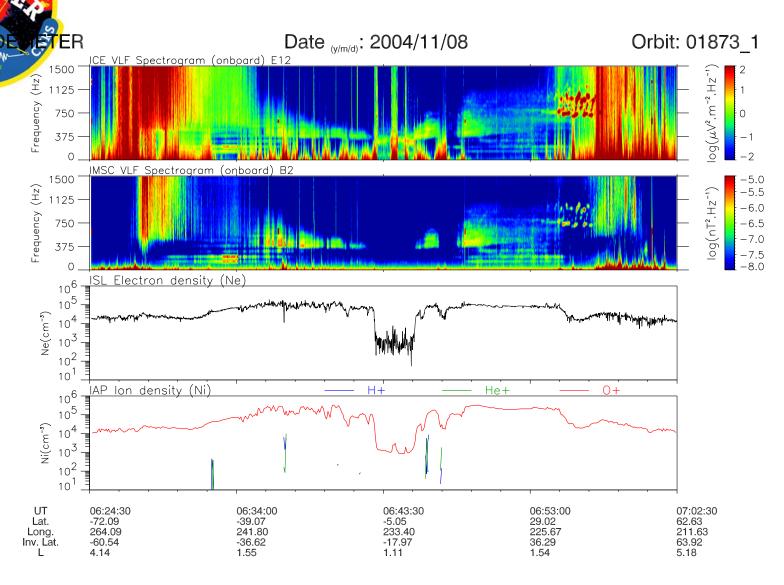
DEMETER Date: 2005/05/15 Orbit: 4611_0





Various Waves

Colpitts et al., submitted, 2011

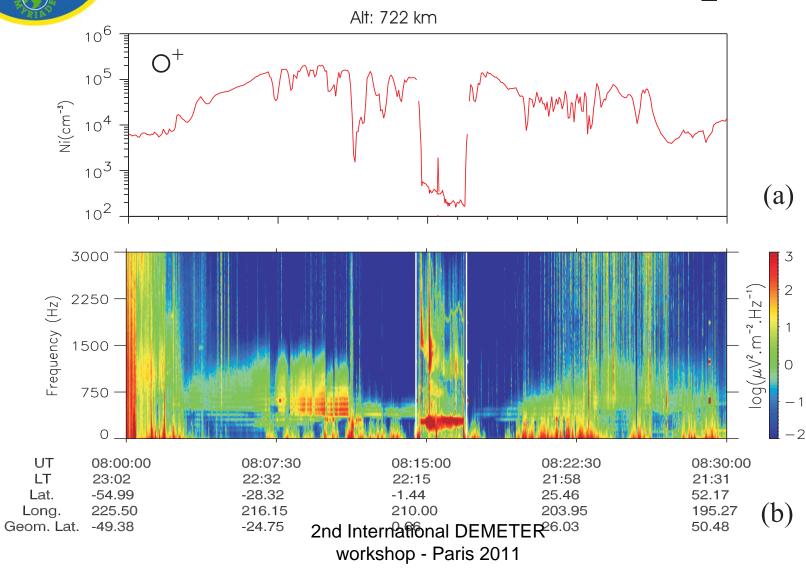


2nd International DEMETER workshop - Paris 2011

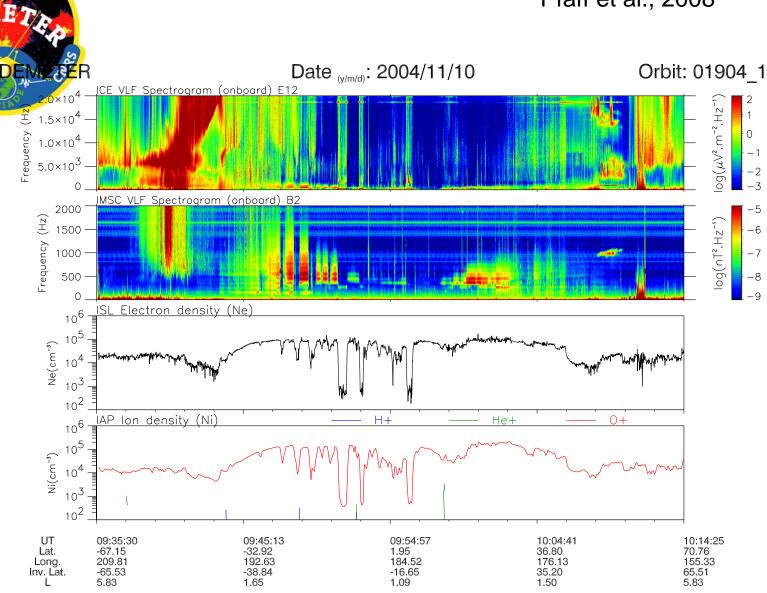


Berthelier et al., 2008 Malingre et al., 2008

DEMETER - 10 November 2004 - Orbit: 1903_1



Pfaff et al., 2008



DNEPR

2nd International DEMETER workshop - Paris 2011

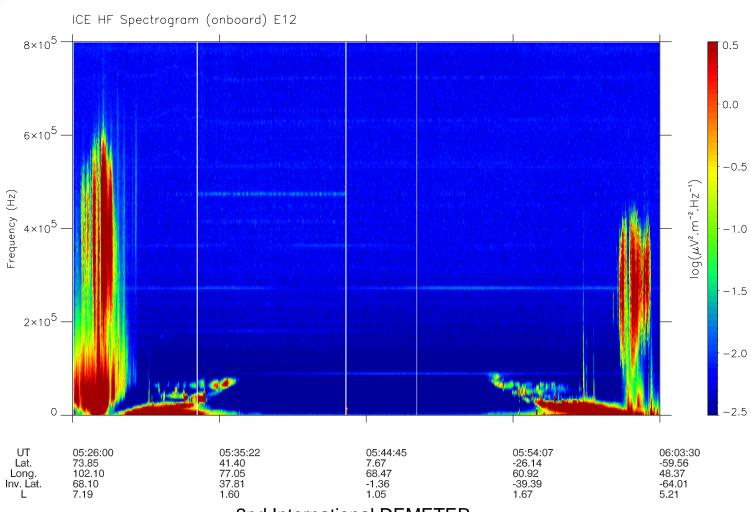


AKR

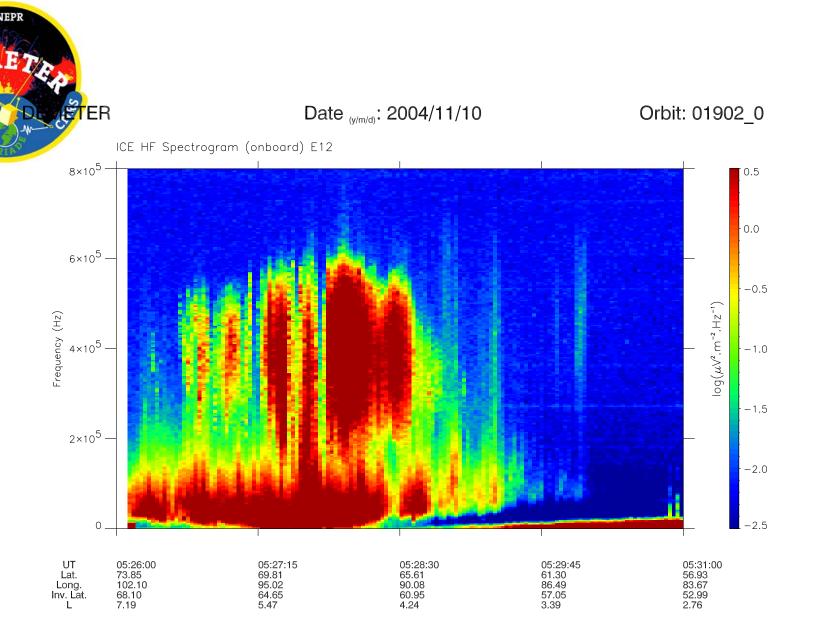


Date _(y/m/d): 2004/11/10

Orbit: 01902_0



2nd International DEMETER workshop - Paris 2011

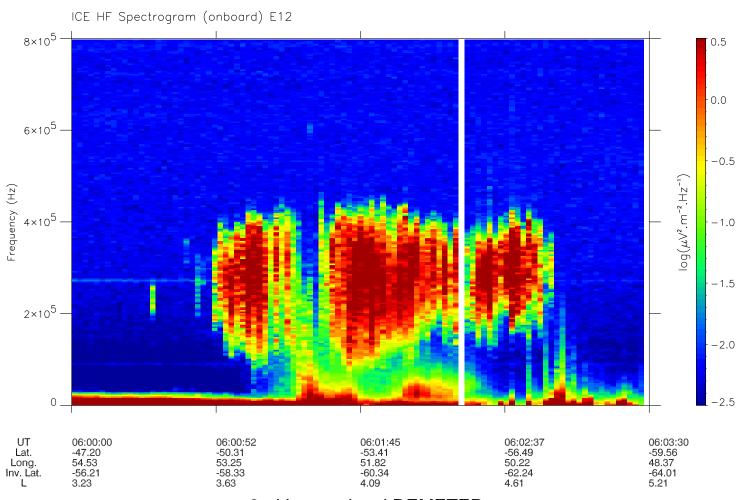


2nd International DEMETER workshop - Paris 2011

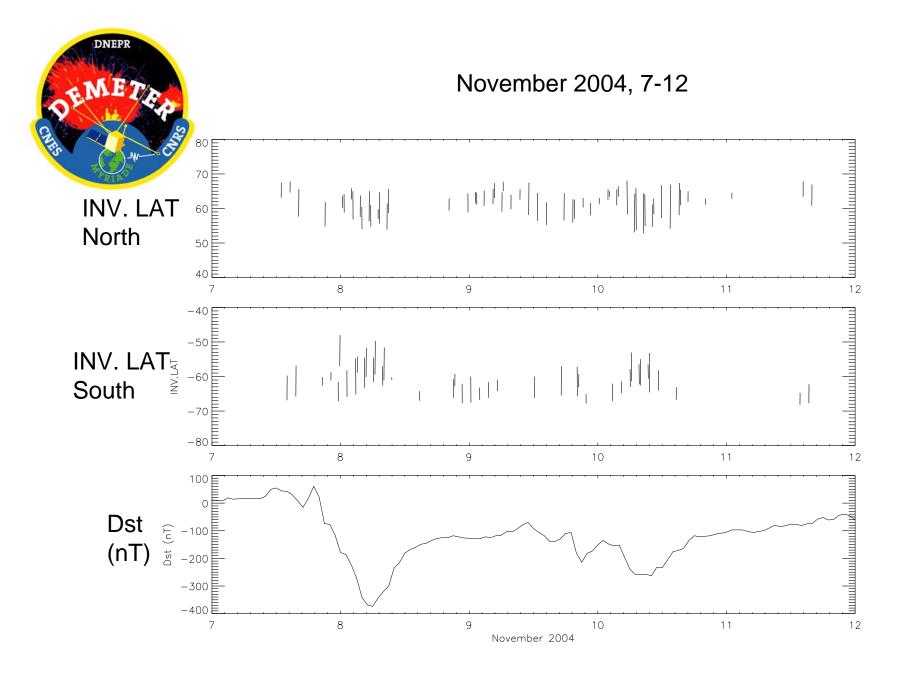


Date (y/m/d): 2004/11/10

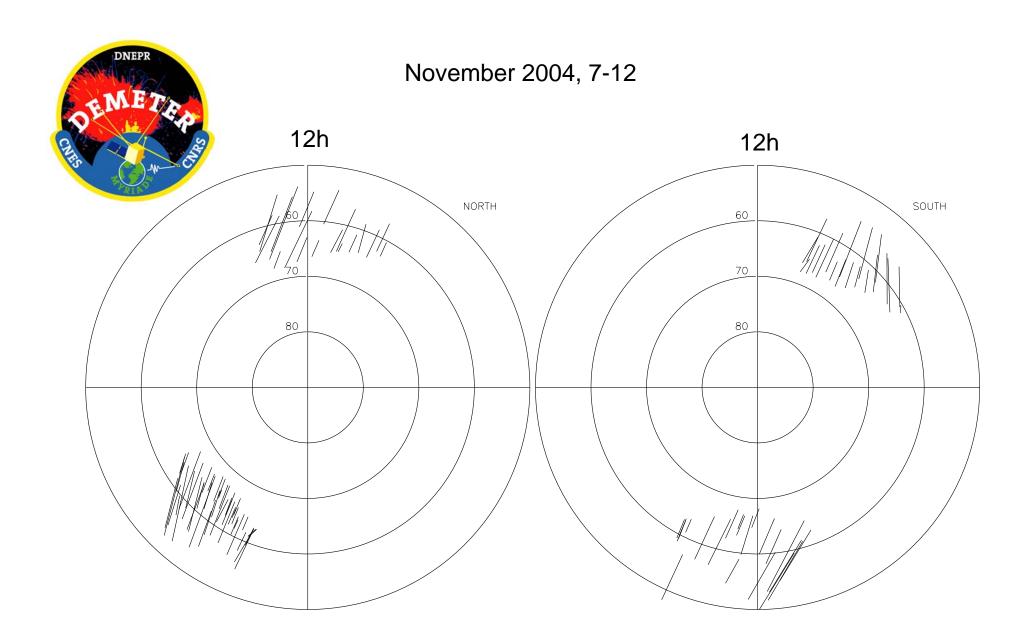
Orbit: 01902_0

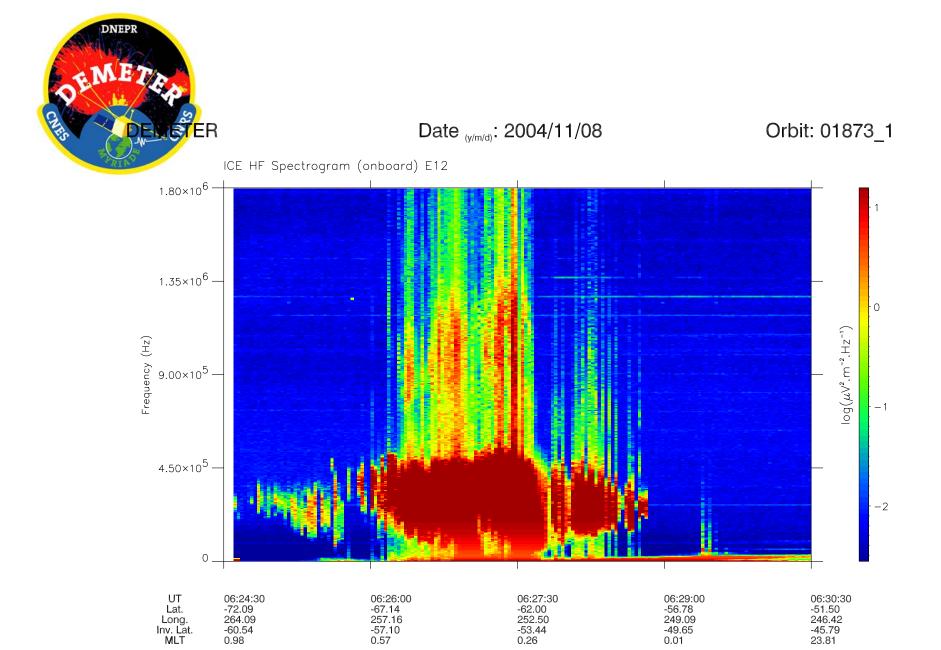


2nd International DEMETER workshop - Paris 2011



2nd International DEMETER workshop - Paris 2011





2nd International DEMETER workshop - Paris 2011

POLAR UVI

