

## 2. MIPAS Daily Report for level 2 products summary report

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060510.html](#) for a detailed report).

### 2.1. General Info

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## 2.1 General Info

This report contains a daily analysis on parameters extracted from MIPAS level 2 data (The MIP\_NL\_\_2P product).

### 2.1.1 Report summary

The table below shows general characteristics of the data that are included into this report.

Item	Value
Report version	v1.11 26-05-2015
Time of report generation	26APR2016 16:04:55
Data source version	ML2PP/7.03-W
Processing scope for products	10MAY2006 00:00:00 to 11MAY2006 00:00:00
Start time of first product within scope	10MAY2006 03:39:12
Stop time of last product within scope	10MAY2006 21:25:03
Total number of level 2 products	7
Number of level 2 products with errors	0

### 2.1.2 Summary per product

The following table shows a summary for each product used in this report.

#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20060510_033912_000018952047_00319_21916_1000.N1	10MAY2006 03:39:12	10MAY2006 04:10:47	0	42/42	<b>VMR_TERM_MACRO_MICRO[F14/micro:1]</b>
1	MIP_NL__2PWDSI20060510_055219_000023292047_00320_21917_1000.N1	10MAY2006 05:52:19	10MAY2006 06:31:08	0	47/47	<b>VMR_TERM_MACRO_MICRO[F14/macro:1]</b>
2	MIP_NL__2PWDSI20060510_063158_000060302047_00321_21918_1000.N1	10MAY2006 06:31:58	10MAY2006 08:12:27	0	110/110	<b>VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]</b>
3	MIP_NL__2PWDSI20060510_081234_000020122047_00322_21919_1000.N1	10MAY2006 08:12:34	10MAY2006 08:46:06	0	44/44	
4	MIP_NL__2PWDSI20060510_170400_000042792047_00327_21924_1000.N1	10MAY2006 17:04:00	10MAY2006 18:15:19	0	90/90	<b>VMR_TERM_MACRO_MICRO[HCN/micro:3]</b>
5	MIP_NL__2PWDSI20060510_181609_000060302047_00328_21925_1000.N1	10MAY2006 18:16:09	10MAY2006 19:56:39	0	128/128	<b>VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]</b>
6	MIP_NL__2PWDSI20060510_195645_000052982047_00329_21926_1000.N1	10MAY2006 19:56:45	10MAY2006 21:25:03	0	112/112	

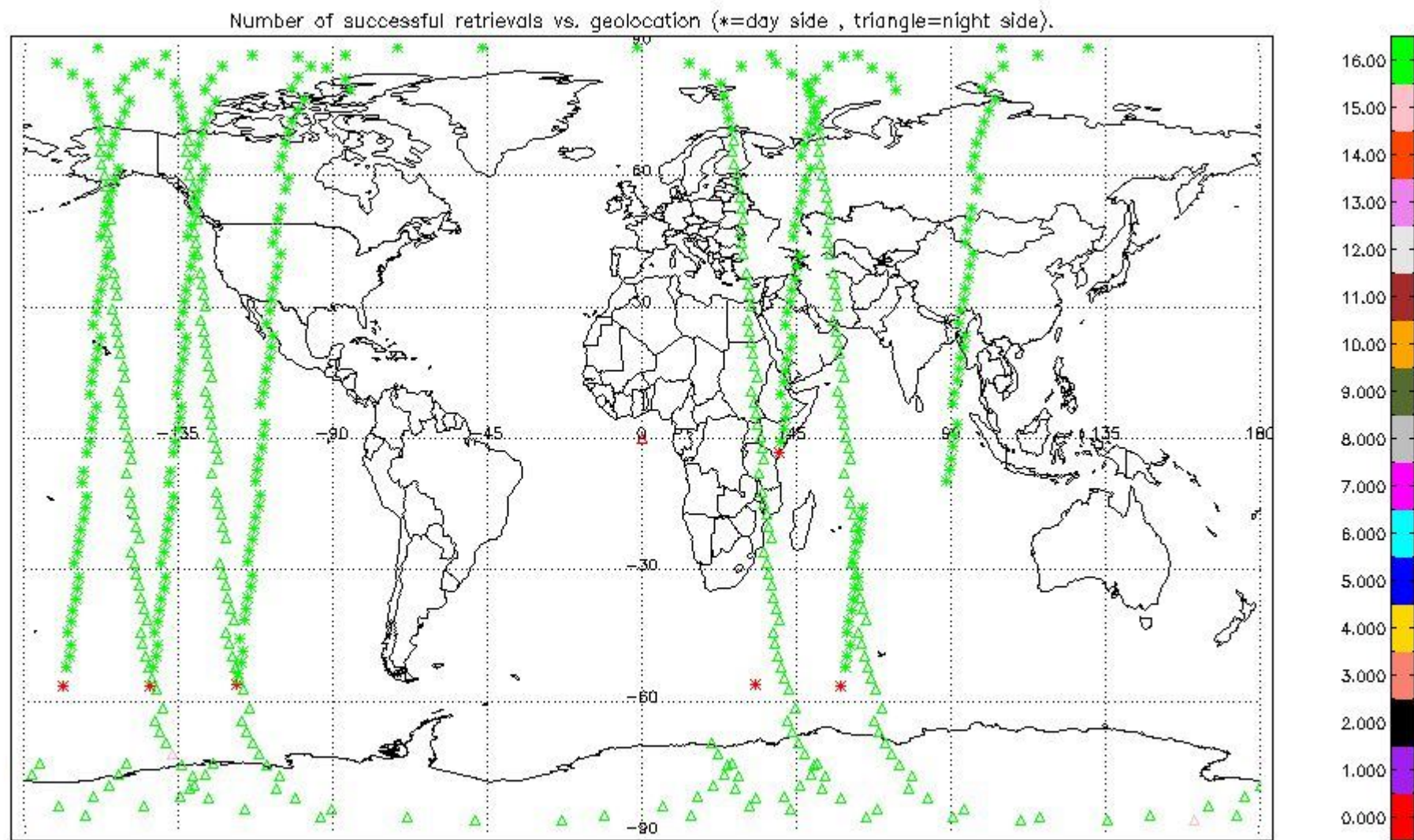
## 2.2 Processing performance indicators

### 2.2.1 Successful retrievals

This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

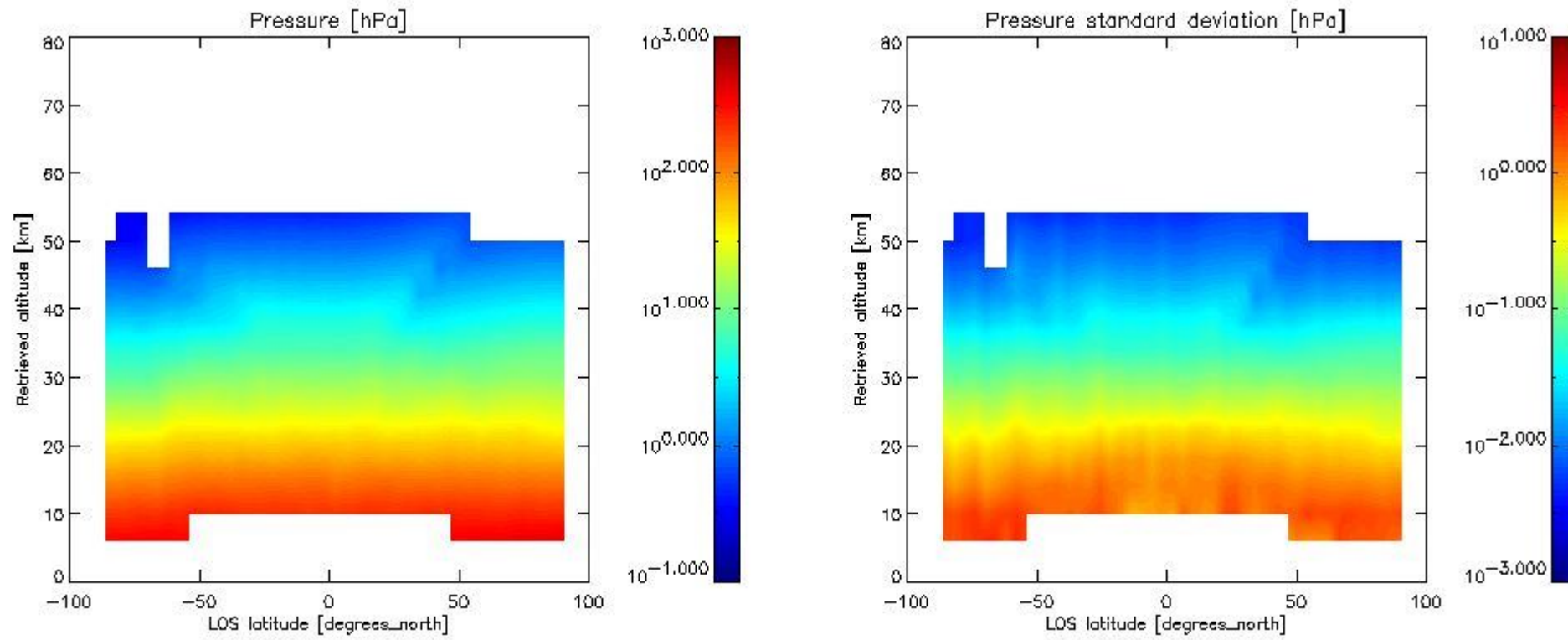
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	573	562	98.080
H2O	573	562	98.080
O3	573	562	98.080

HNO3	573	562	98.080
CH4	573	562	98.080
N2O	573	562	98.080
NO2	573	562	98.080
F11	573	562	98.080
CLNO	573	562	98.080
N2O5	573	562	98.080
F12	573	560	97.731
COF2	573	562	98.080
CCL4	573	562	98.080
HCN	573	562	98.080
F14	573	562	98.080
F22	573	562	98.080



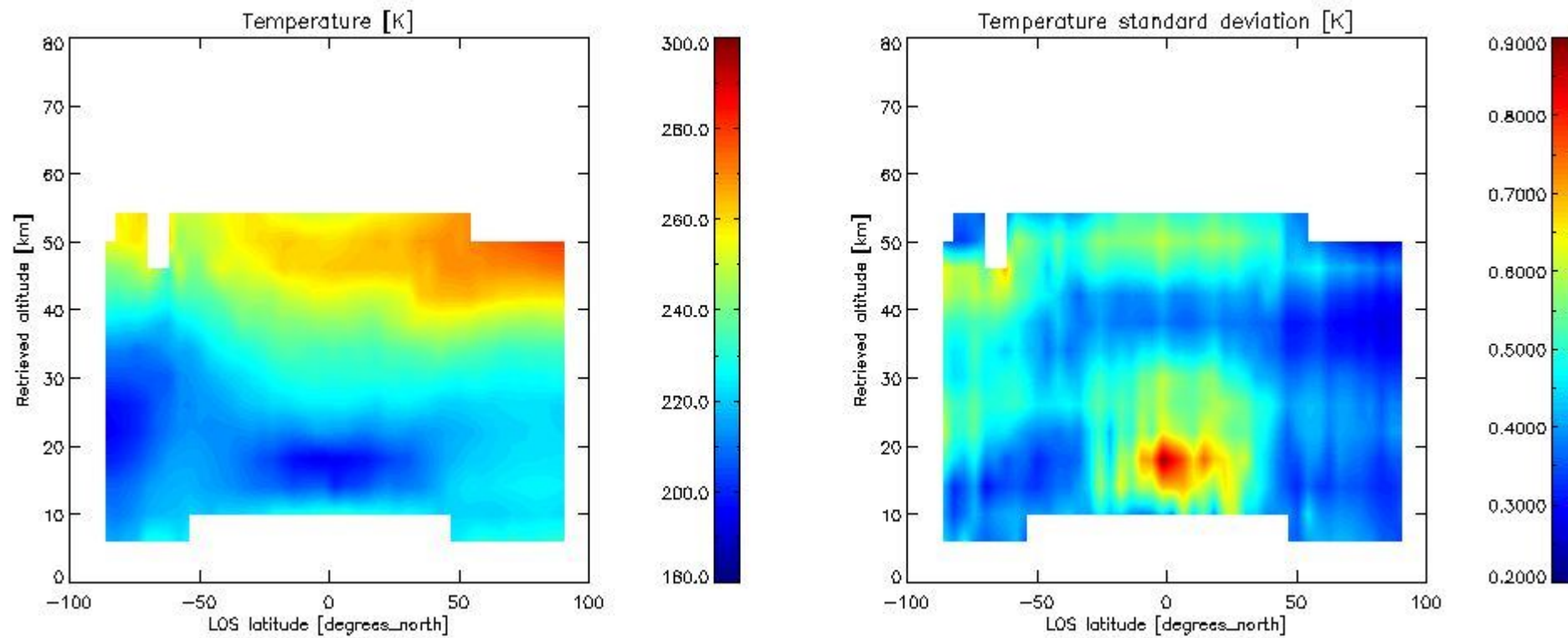
## 2.2.2 Pressure overview

This section shows values (left) and error (right) for pressure after binning individual sweep values over retrieved altitude and tangent latitude.



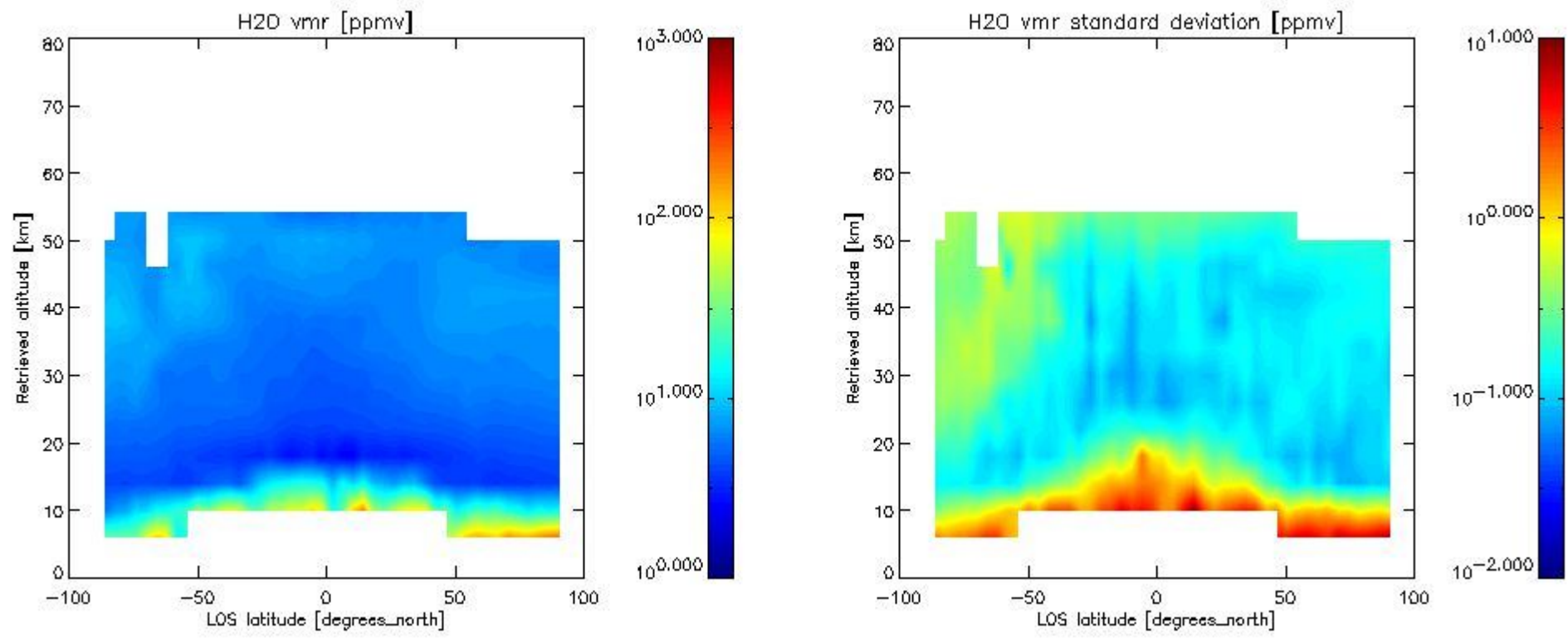
### 2.2.3 Temperature overview

This section shows values (left) and error (right) for temperature after binning individual sweep values over retrieved altitude and tangent latitude.

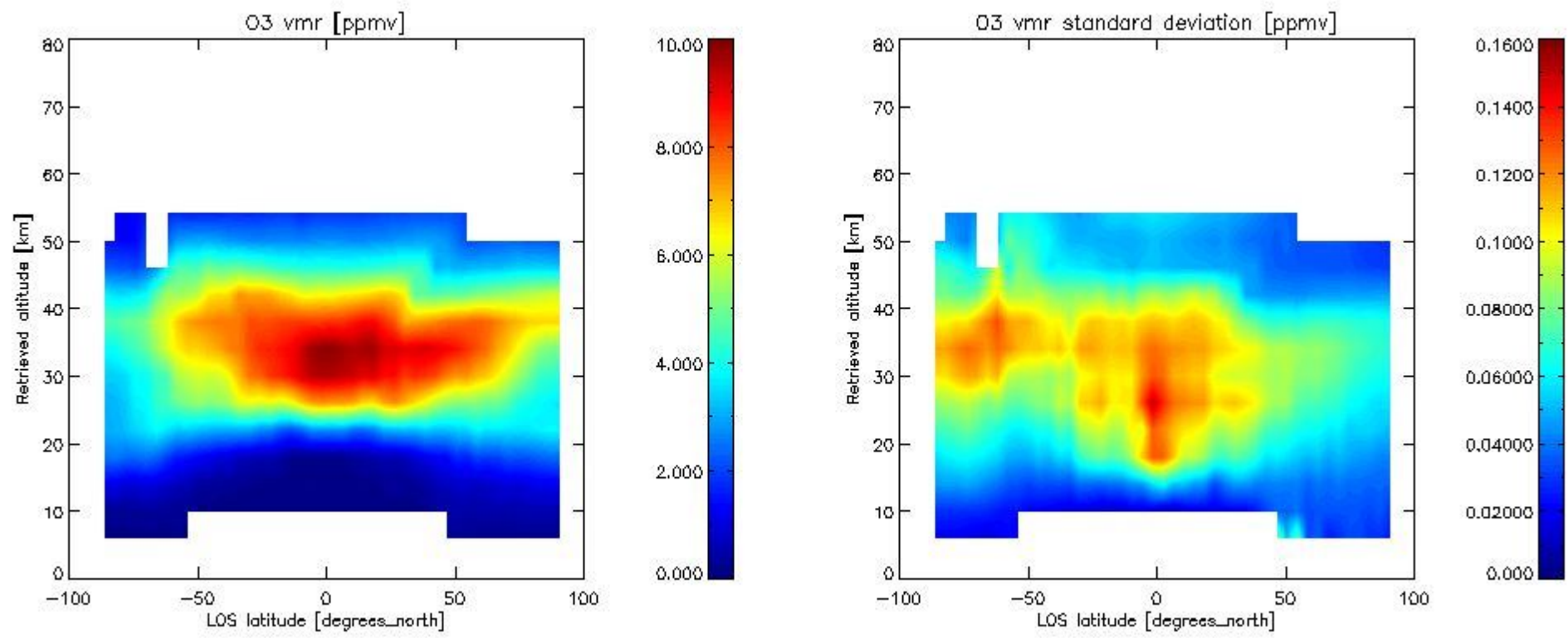


### 2.2.4 Species overview

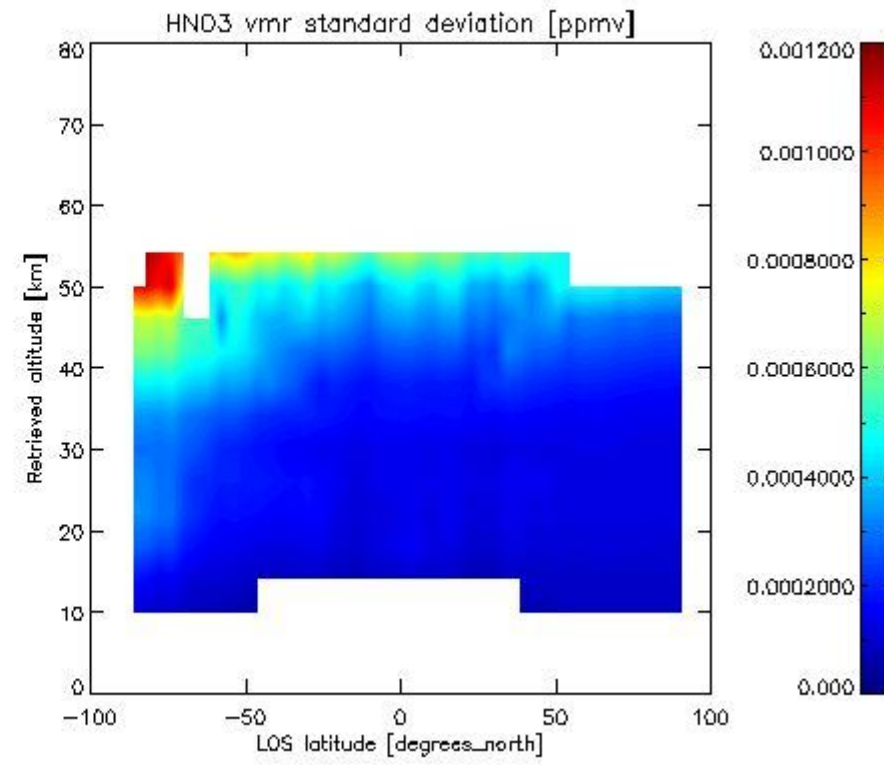
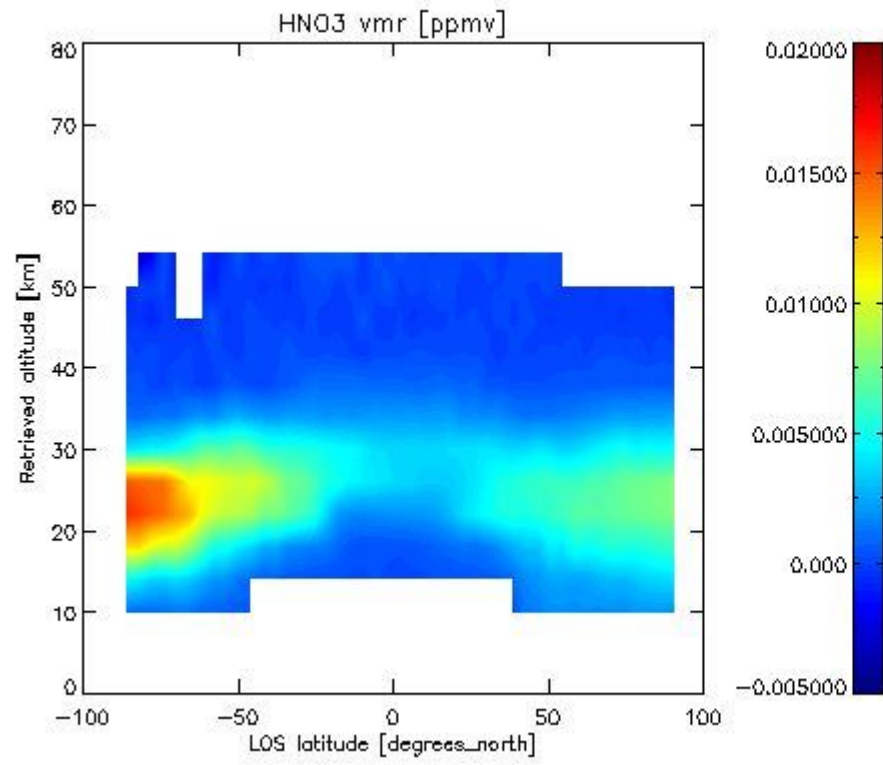
**2.2.4.1 H2O overview** This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



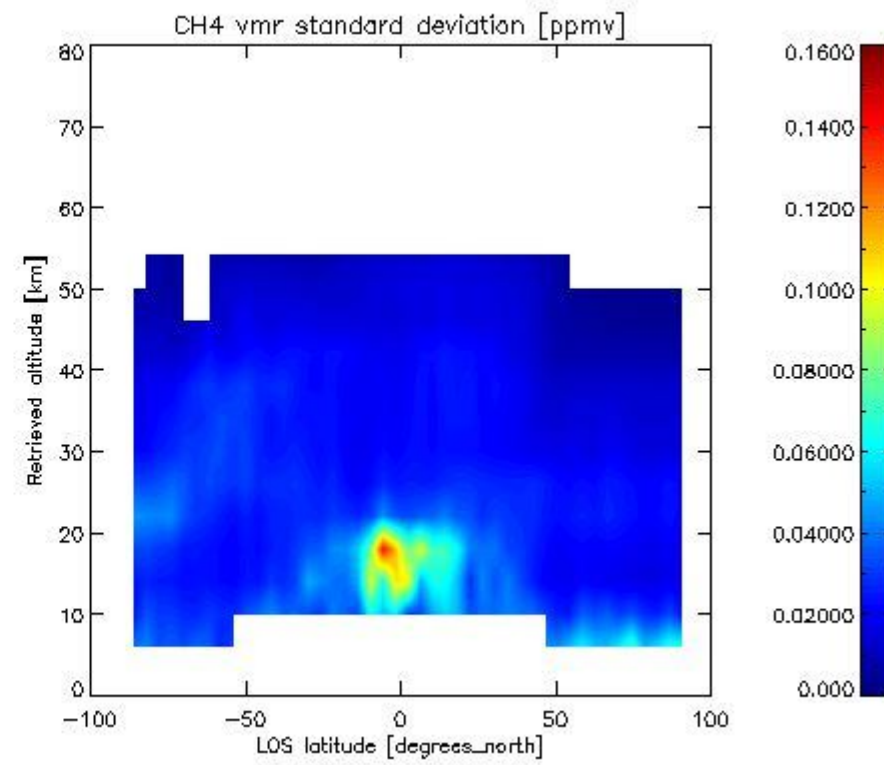
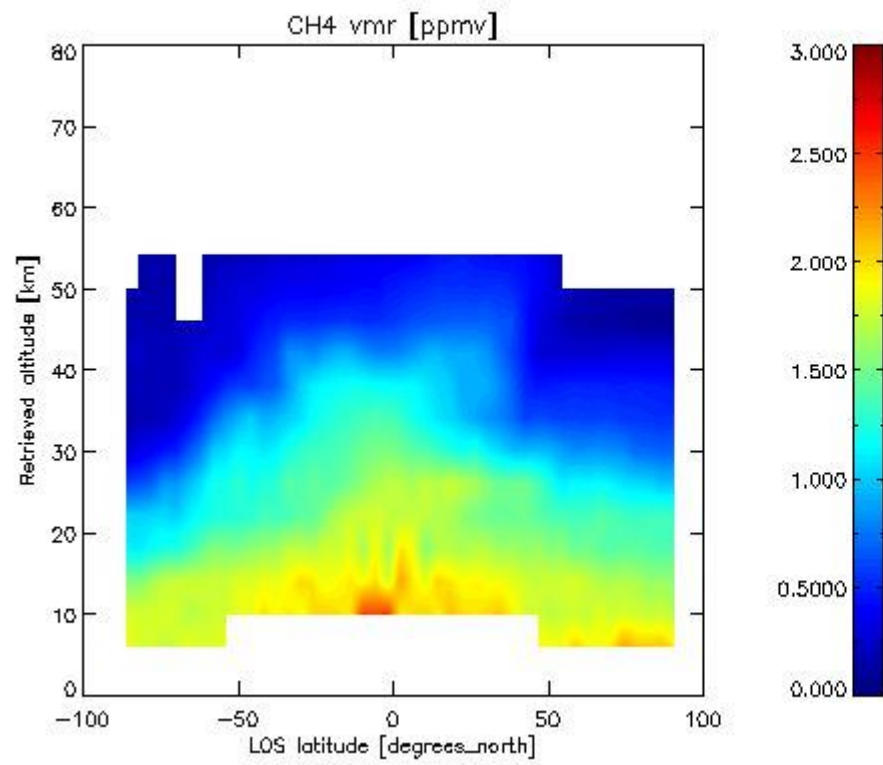
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



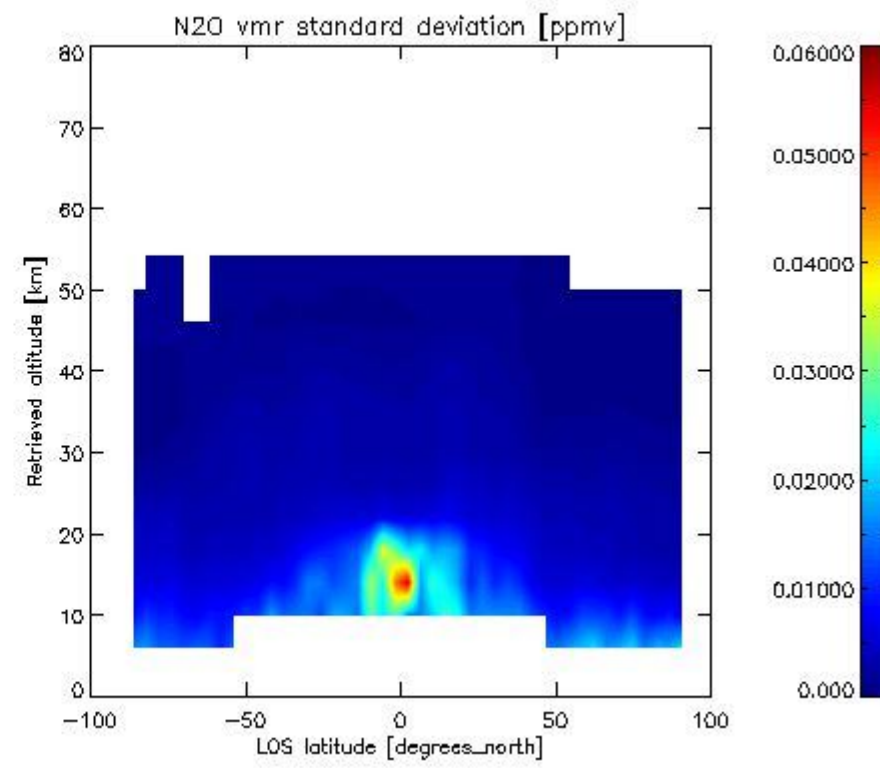
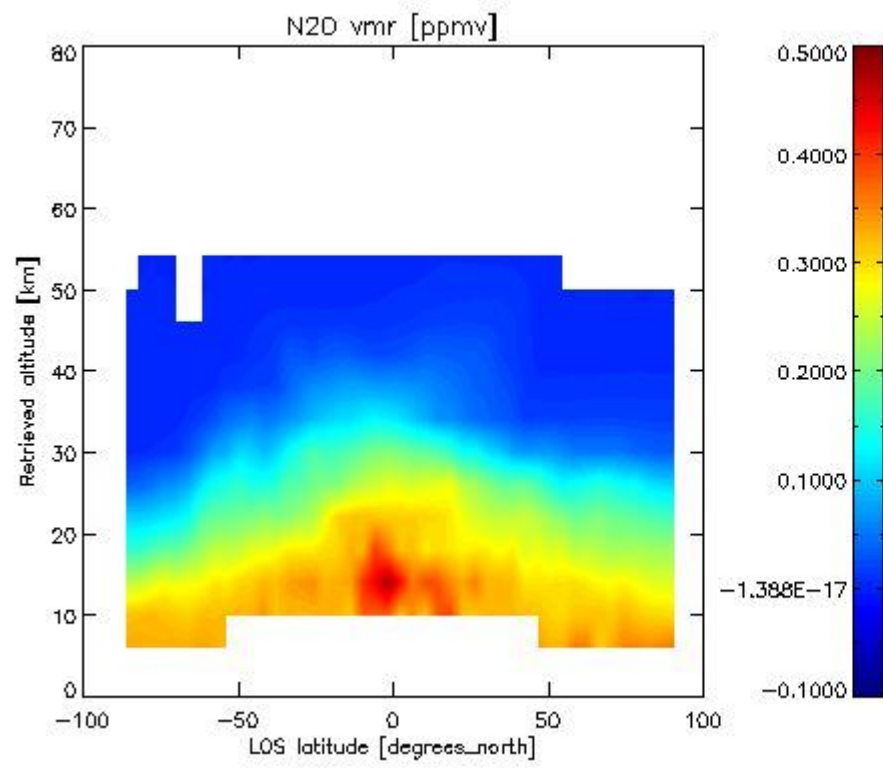
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



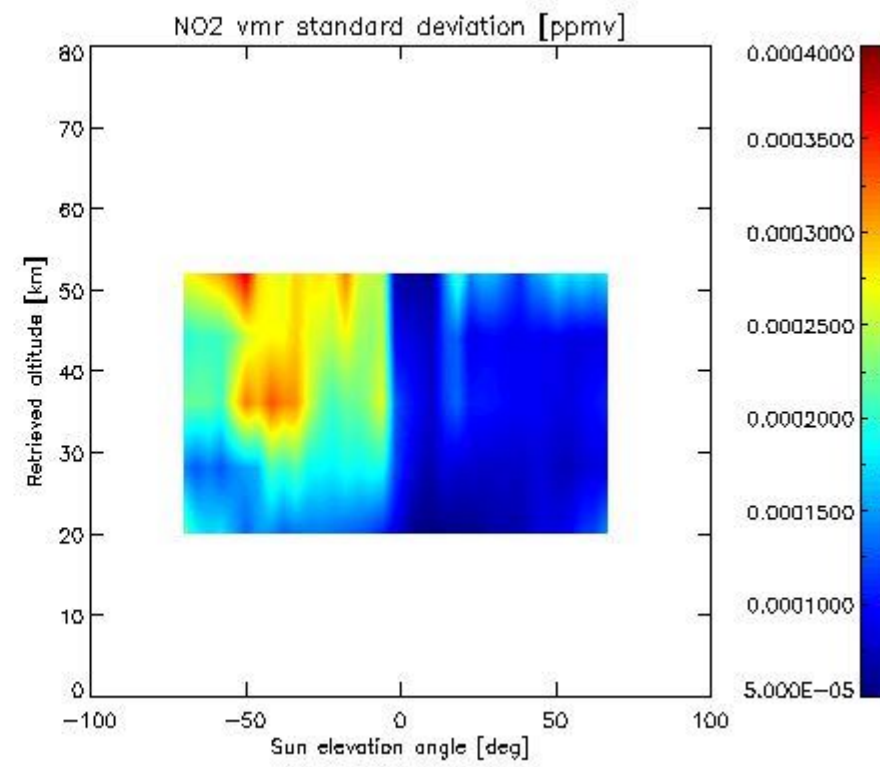
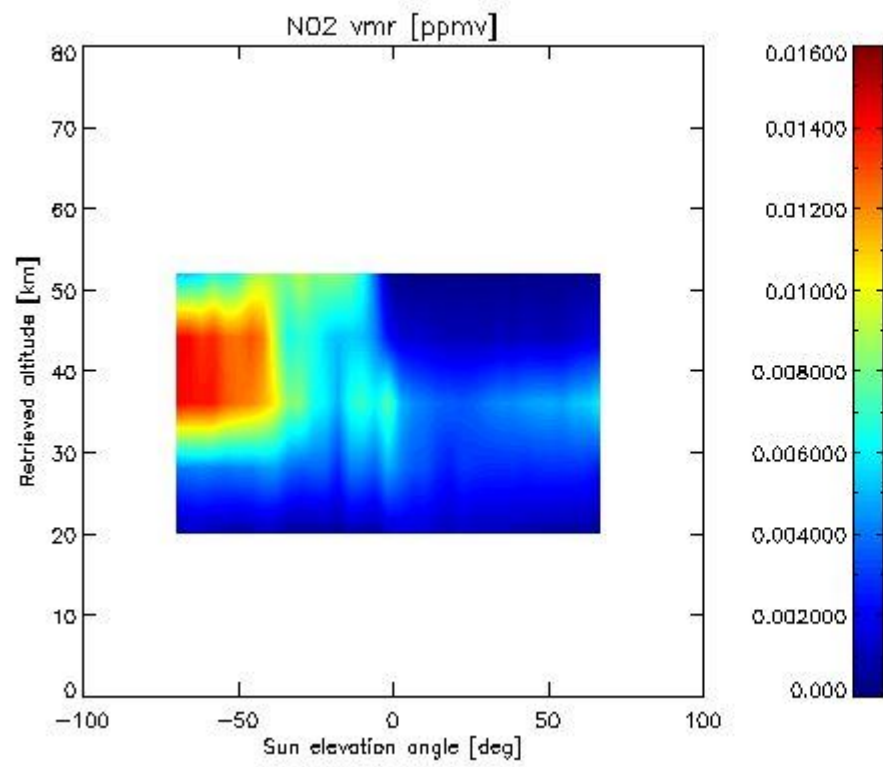
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



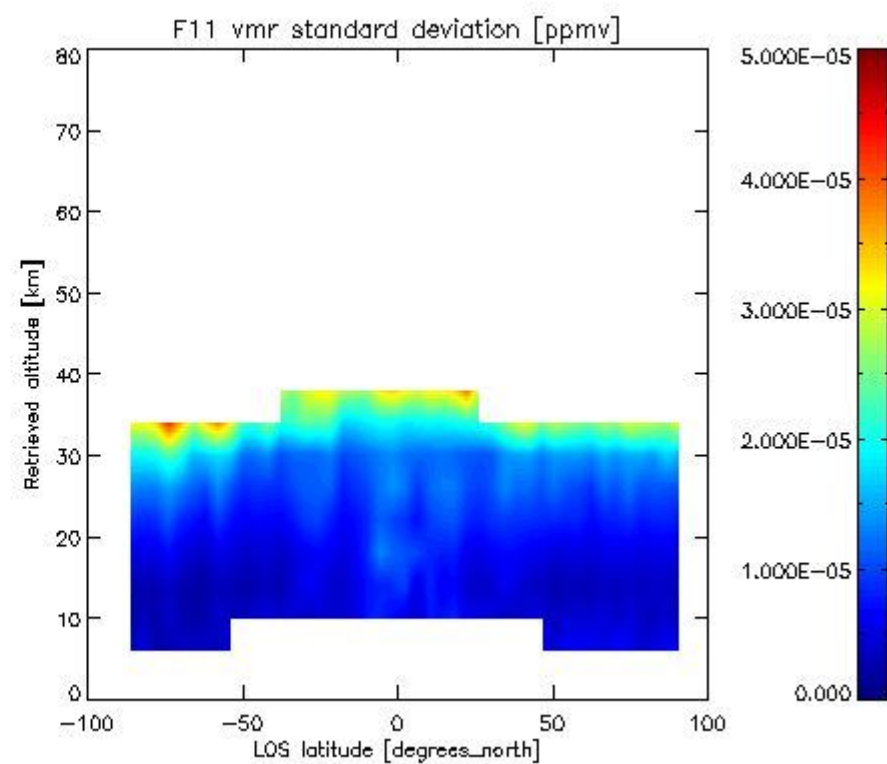
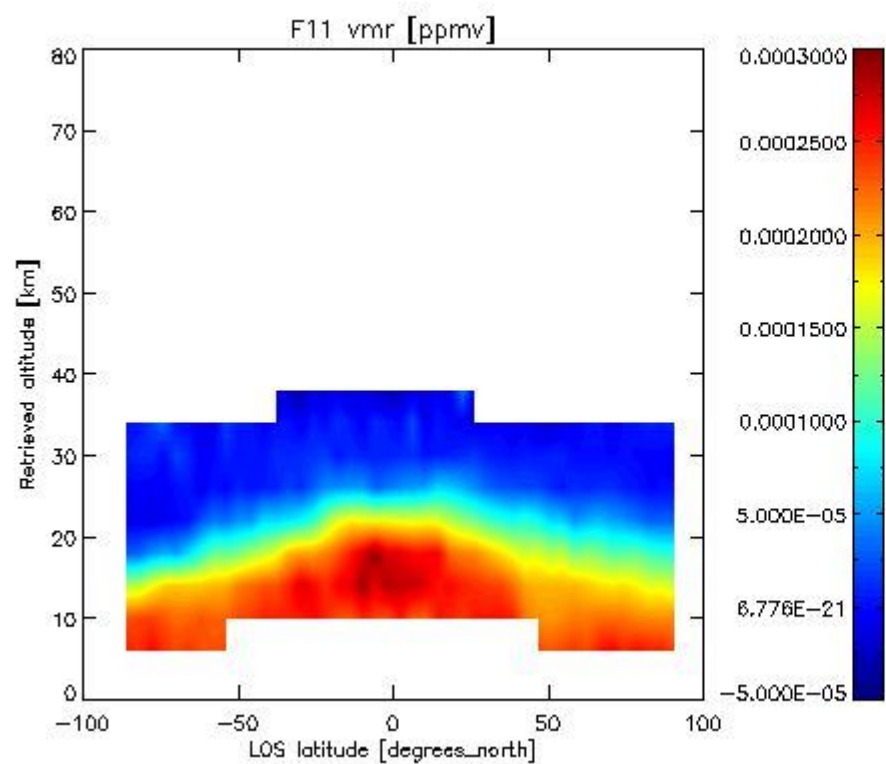
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



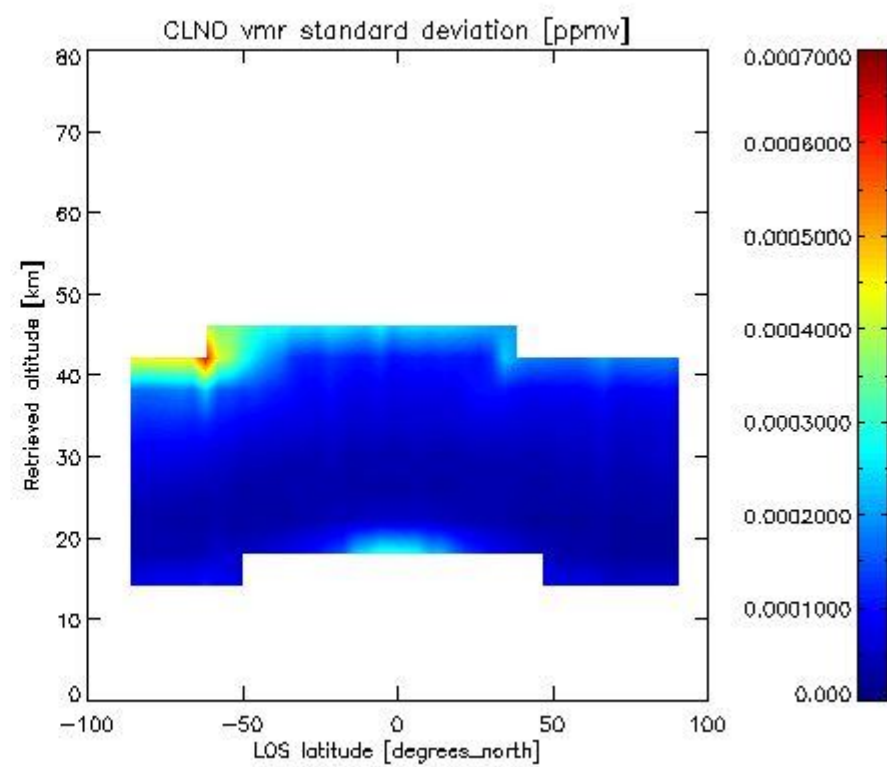
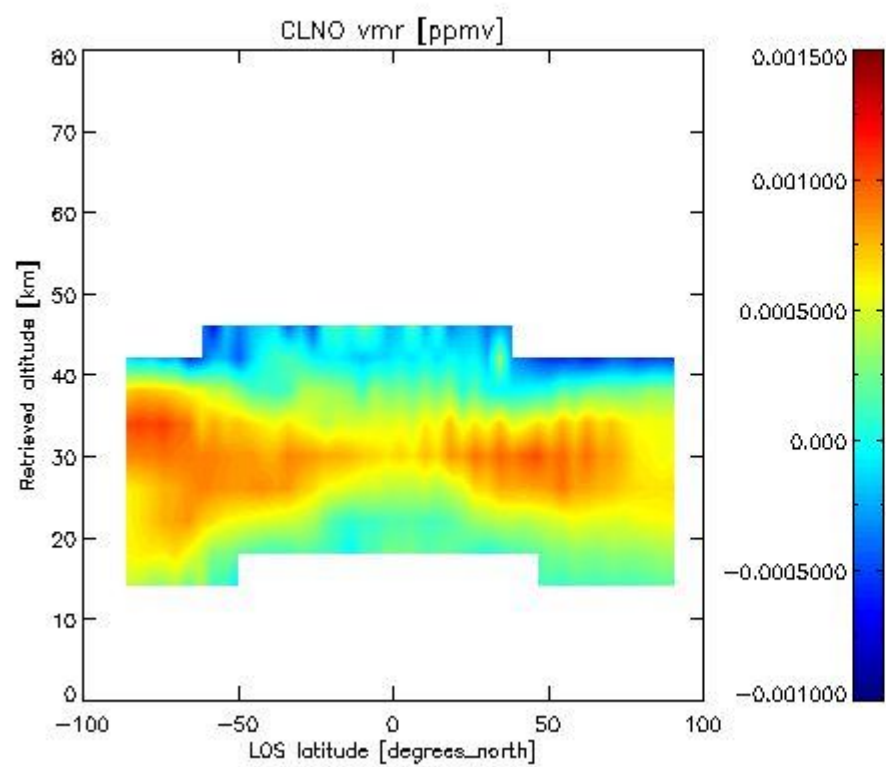
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.



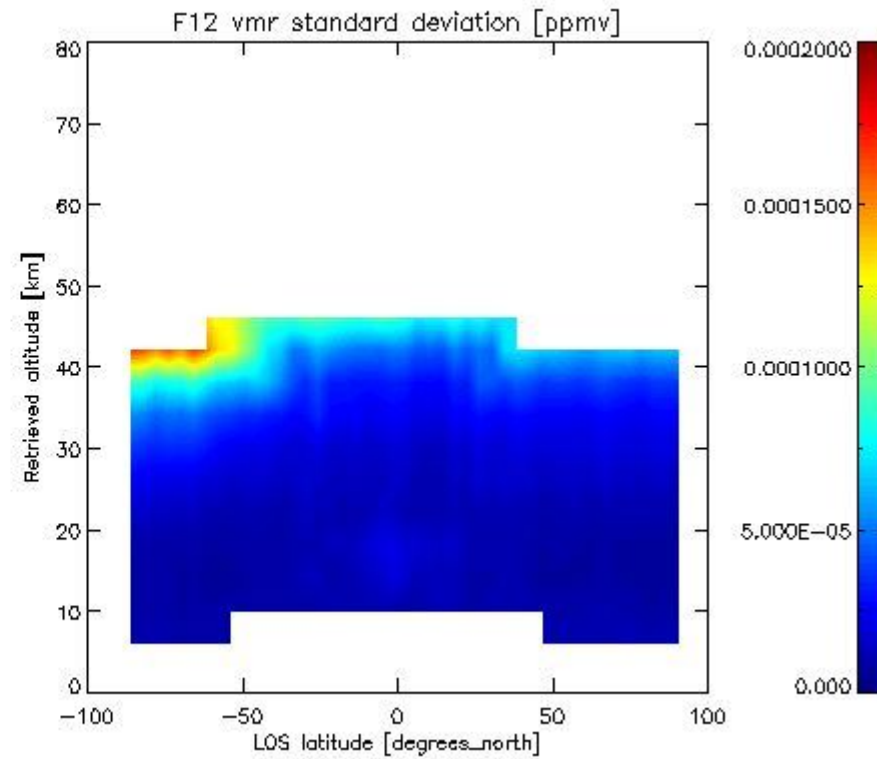
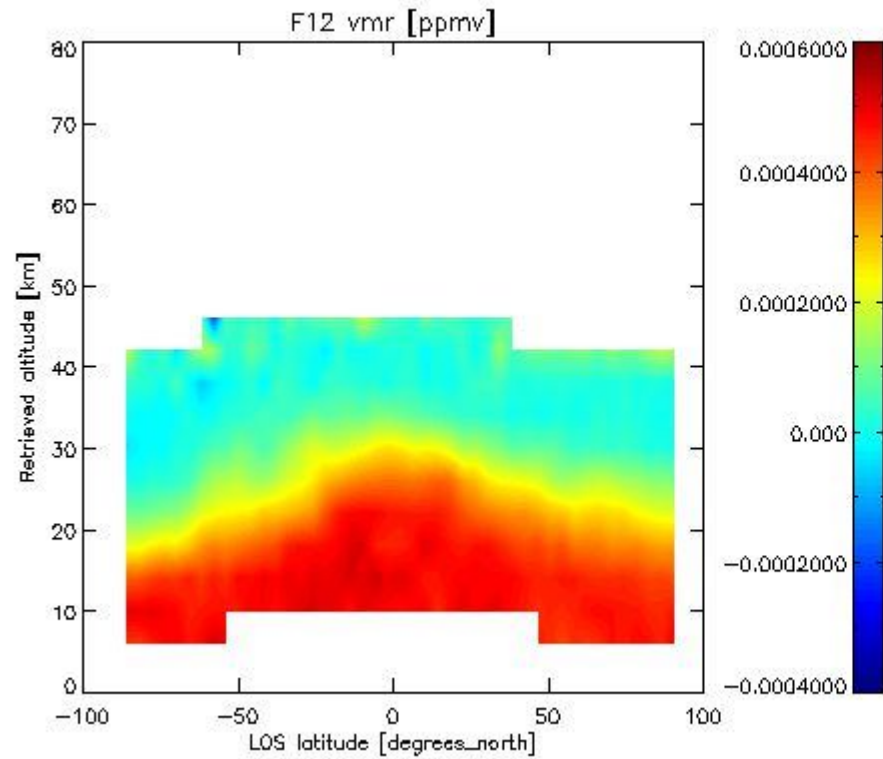
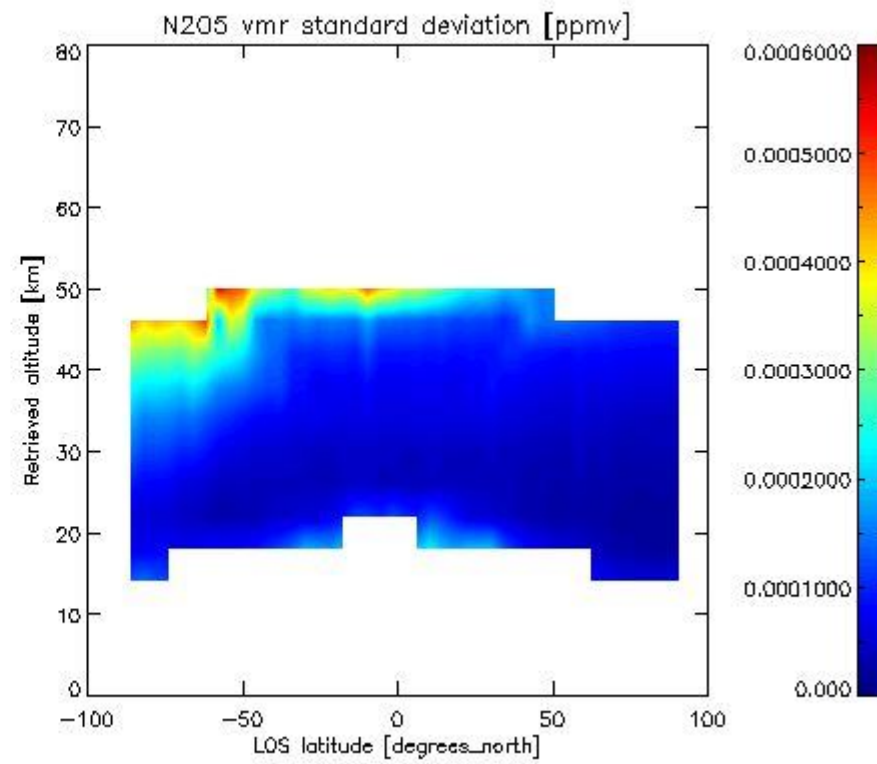
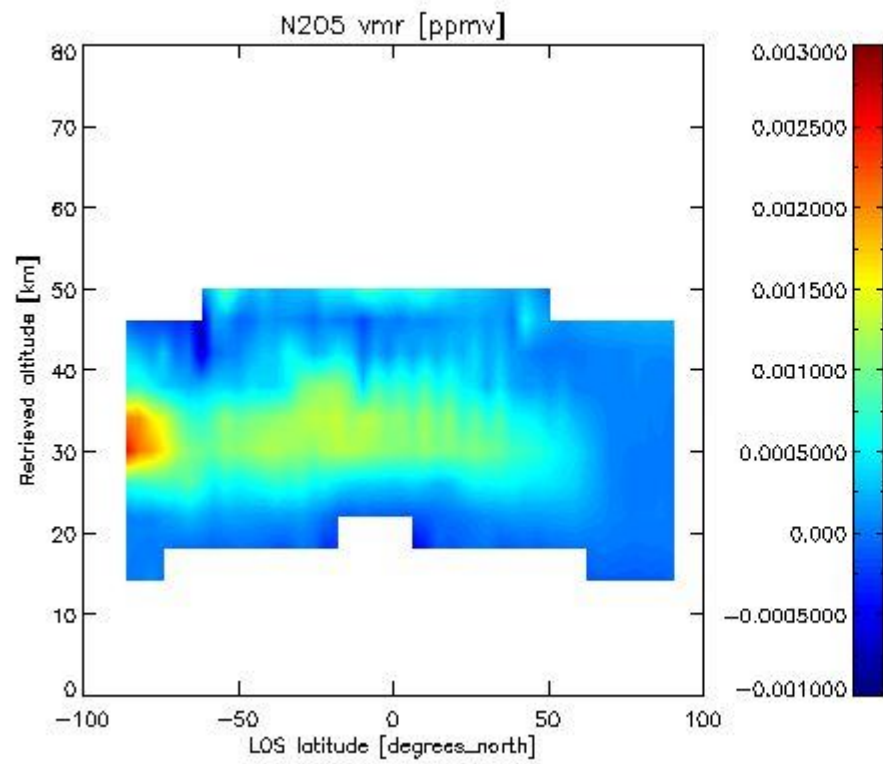
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



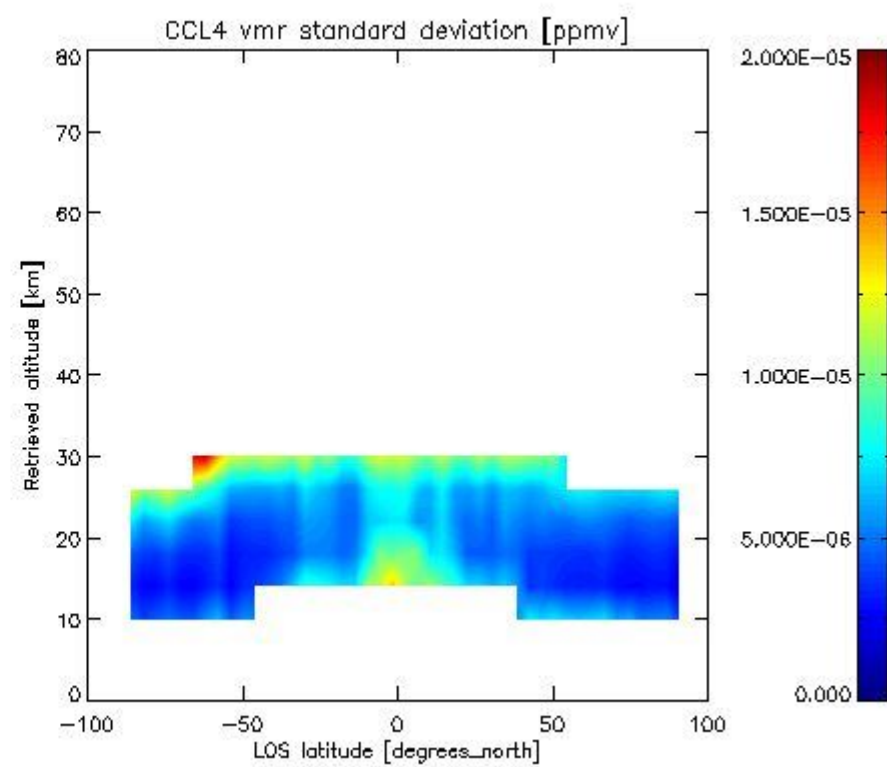
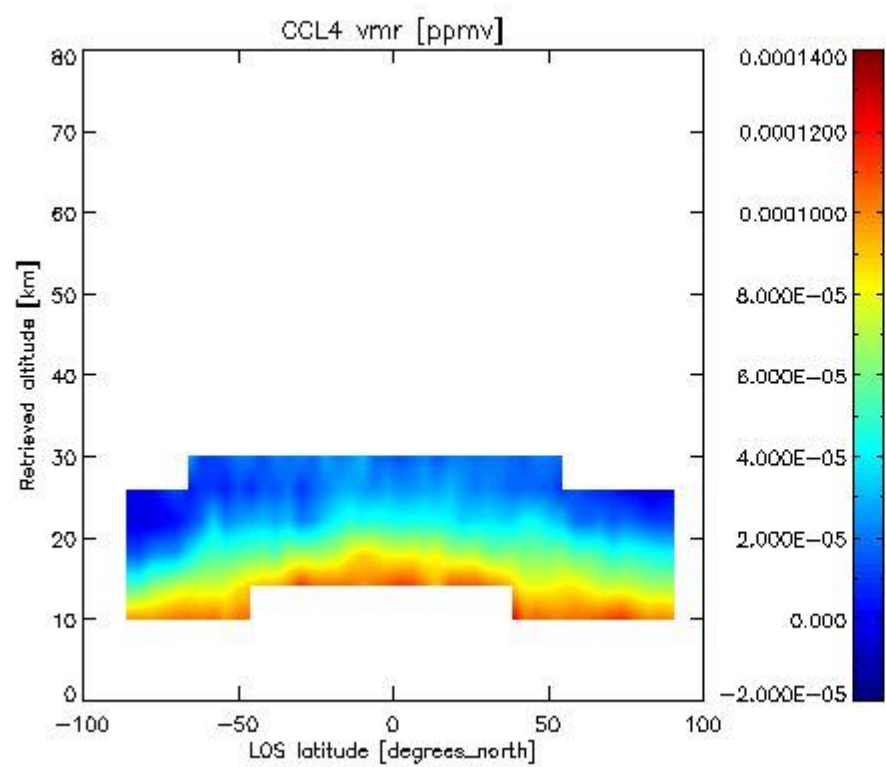
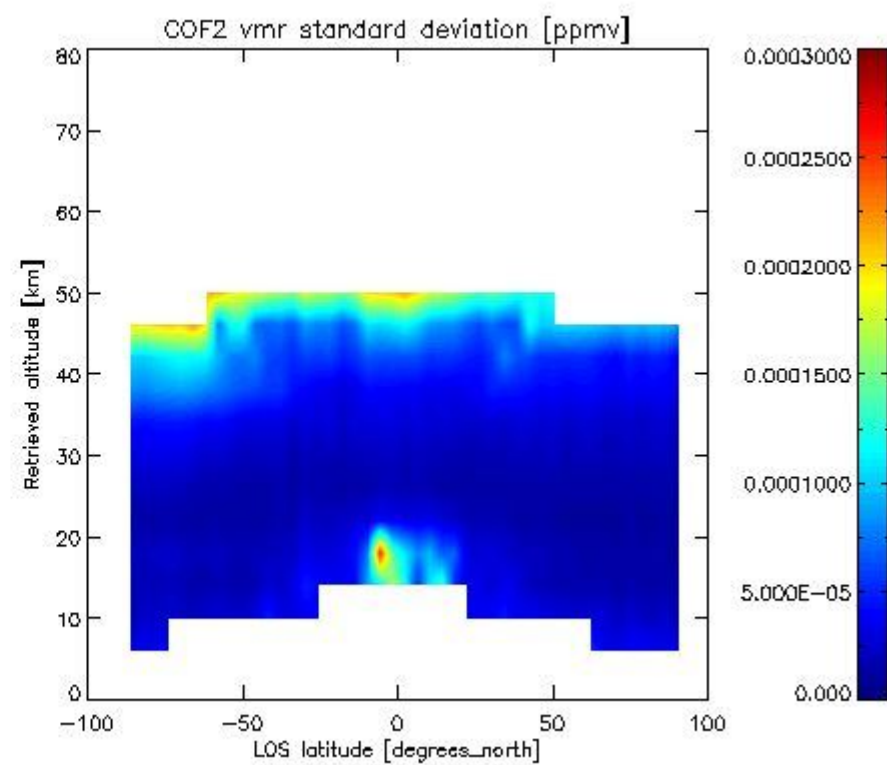
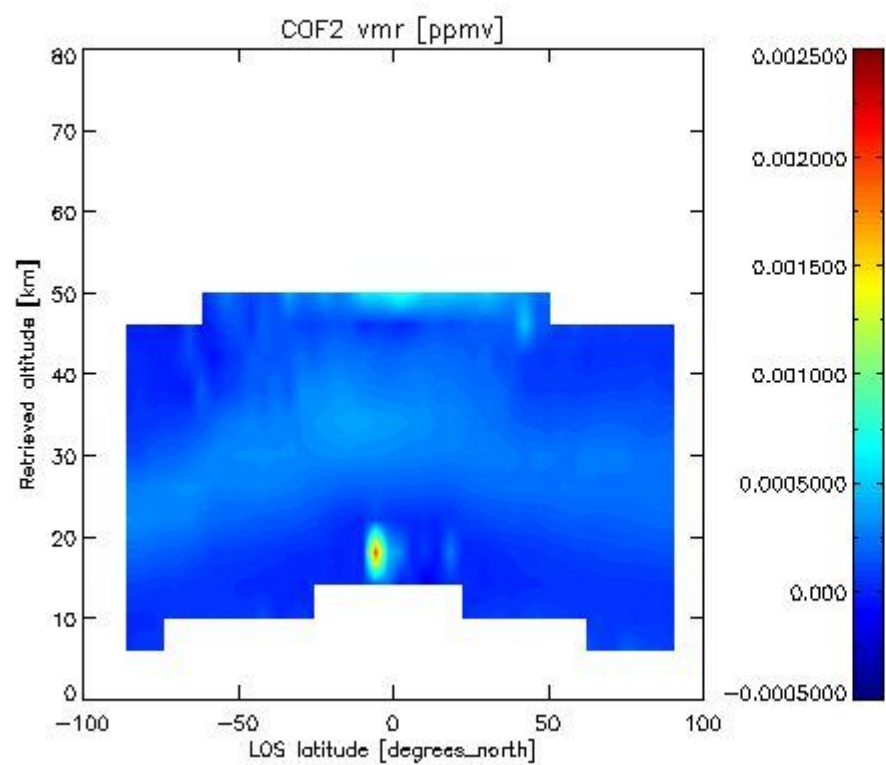
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

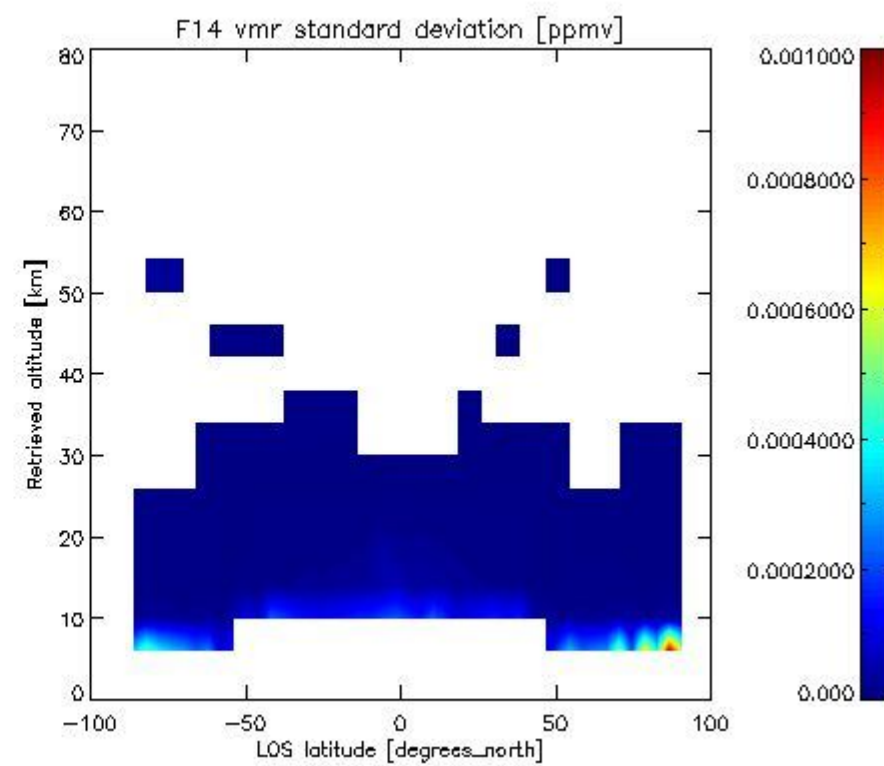
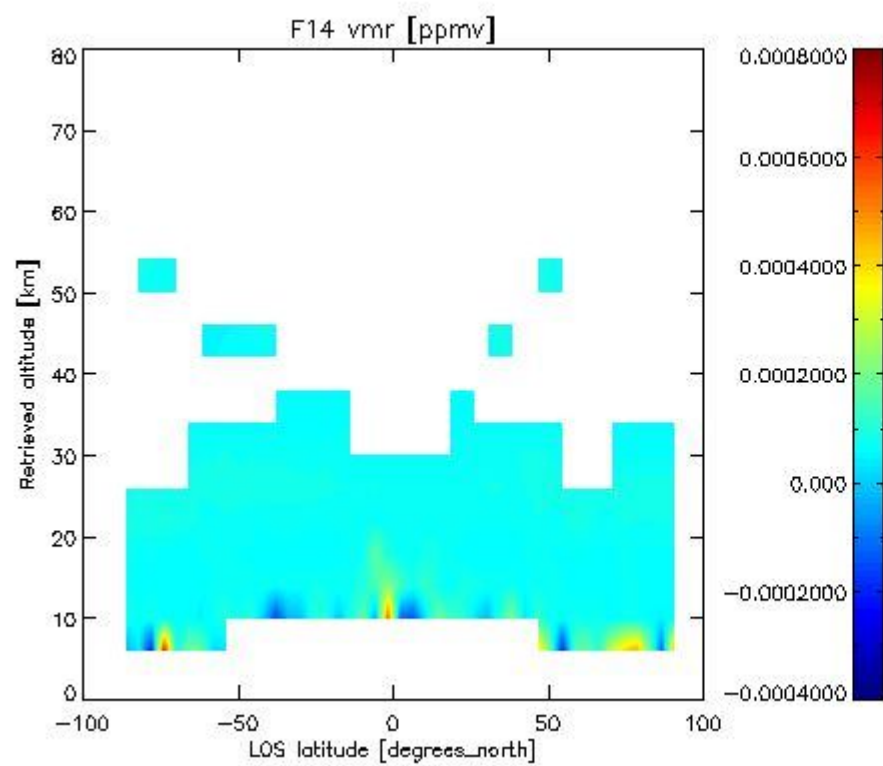
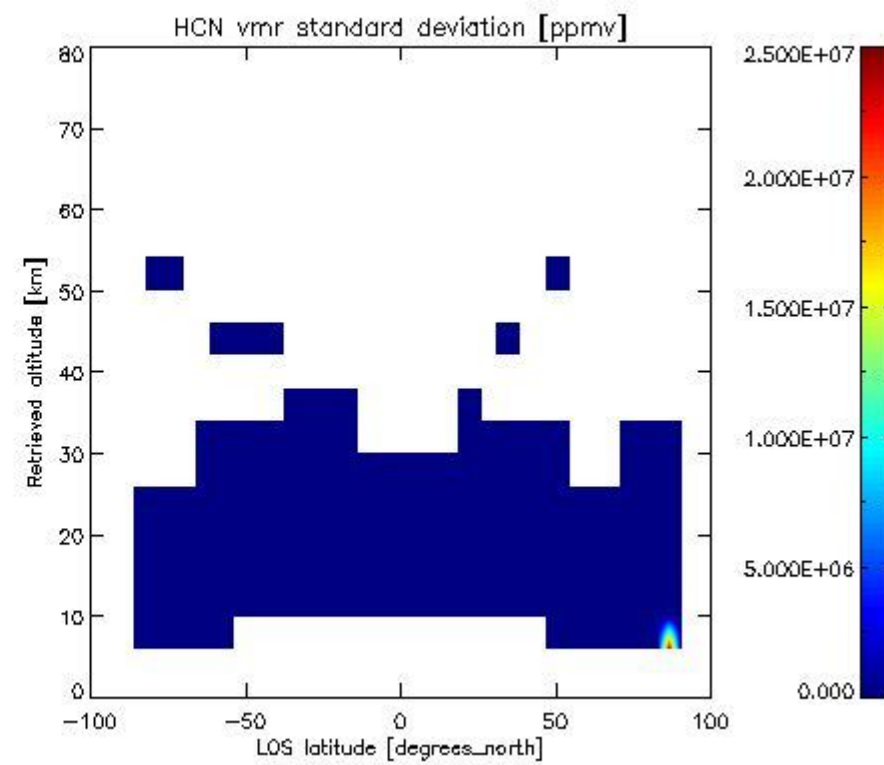
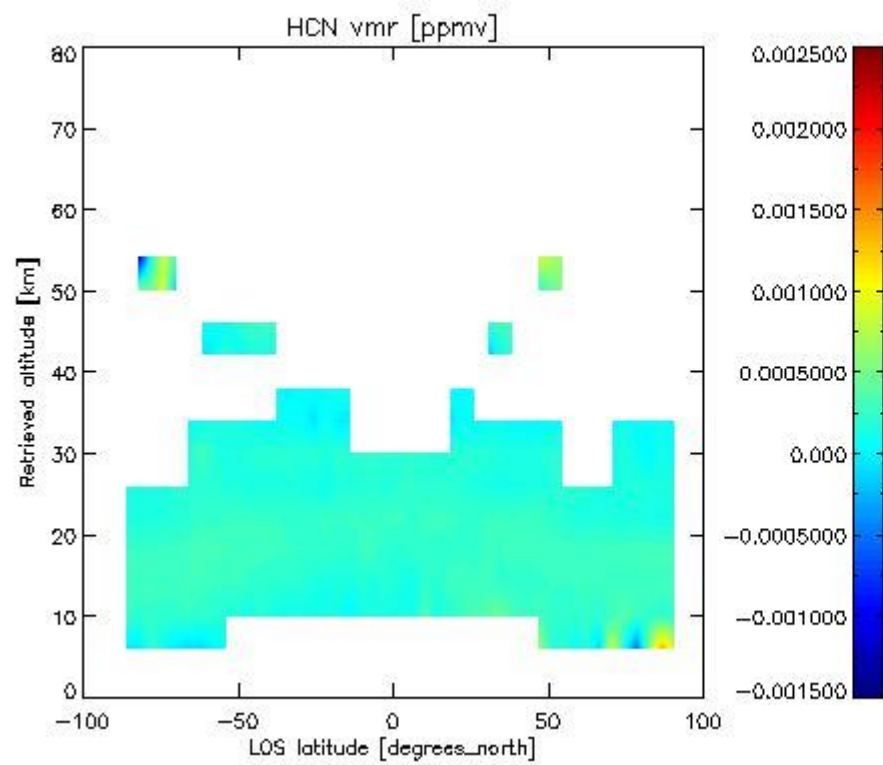


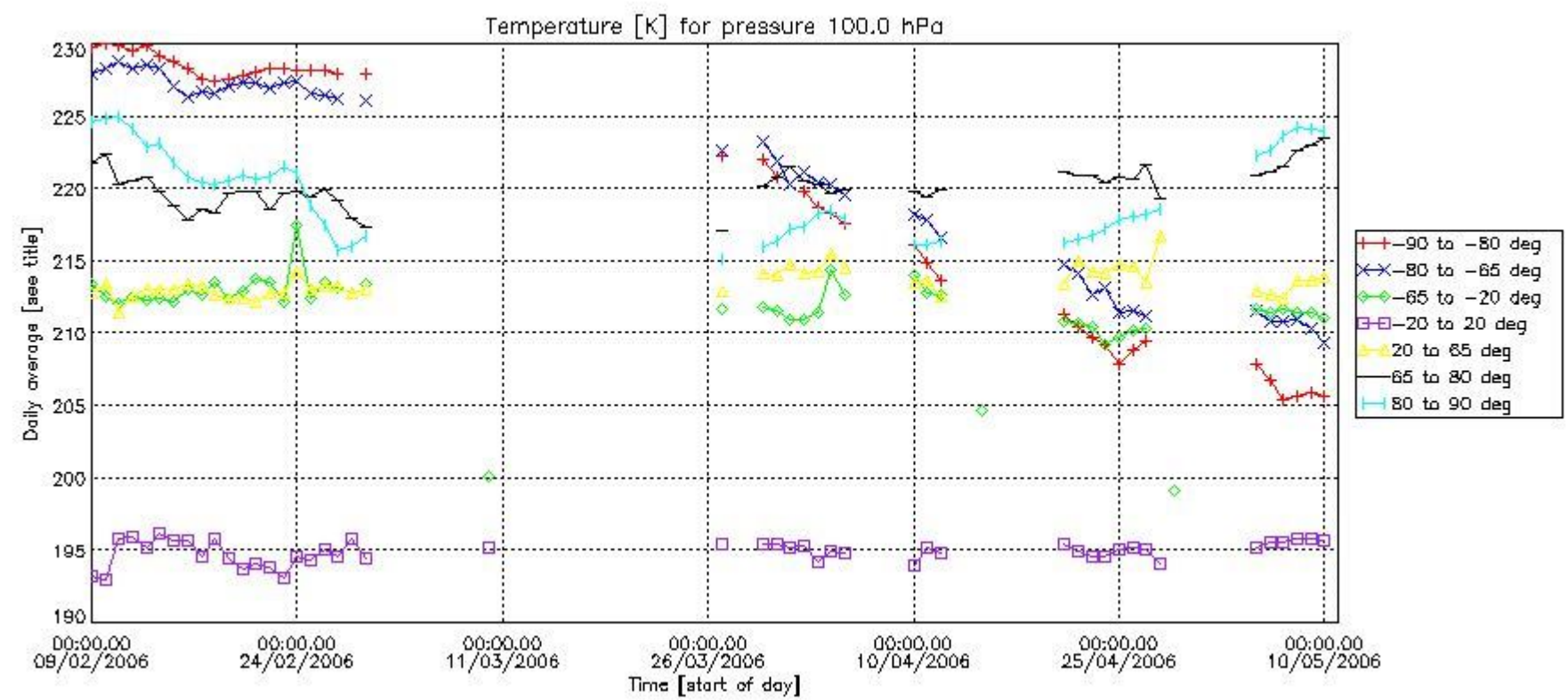
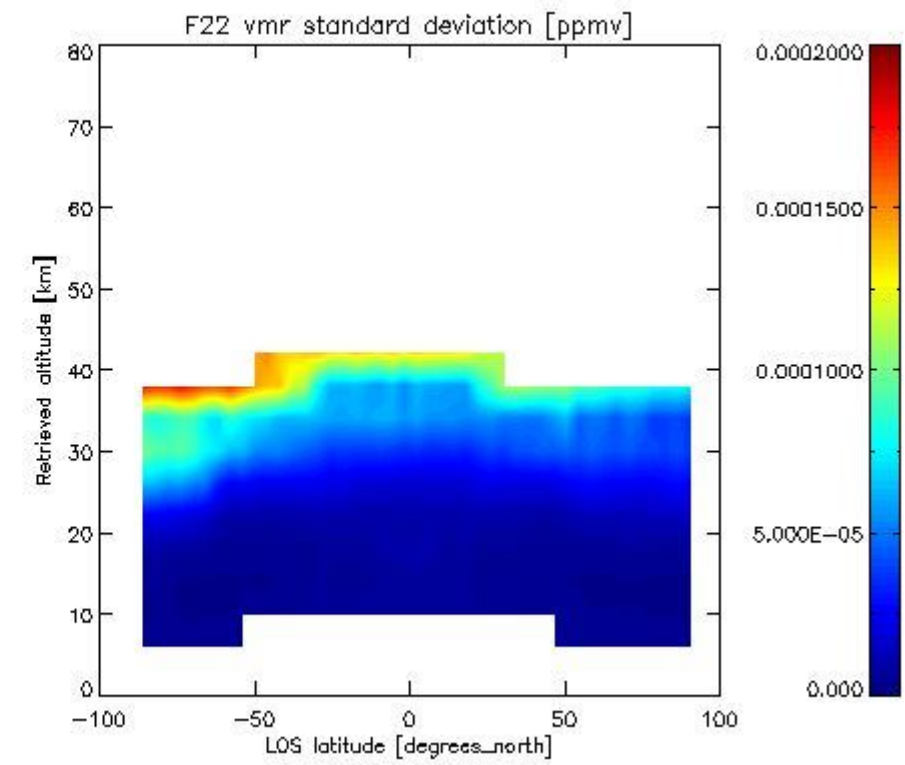
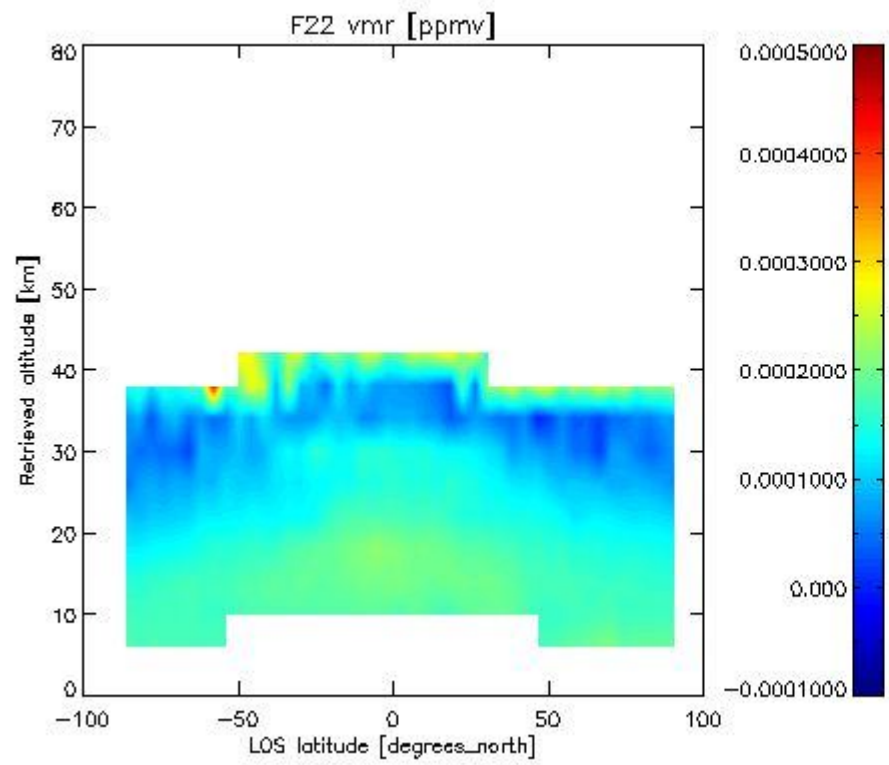
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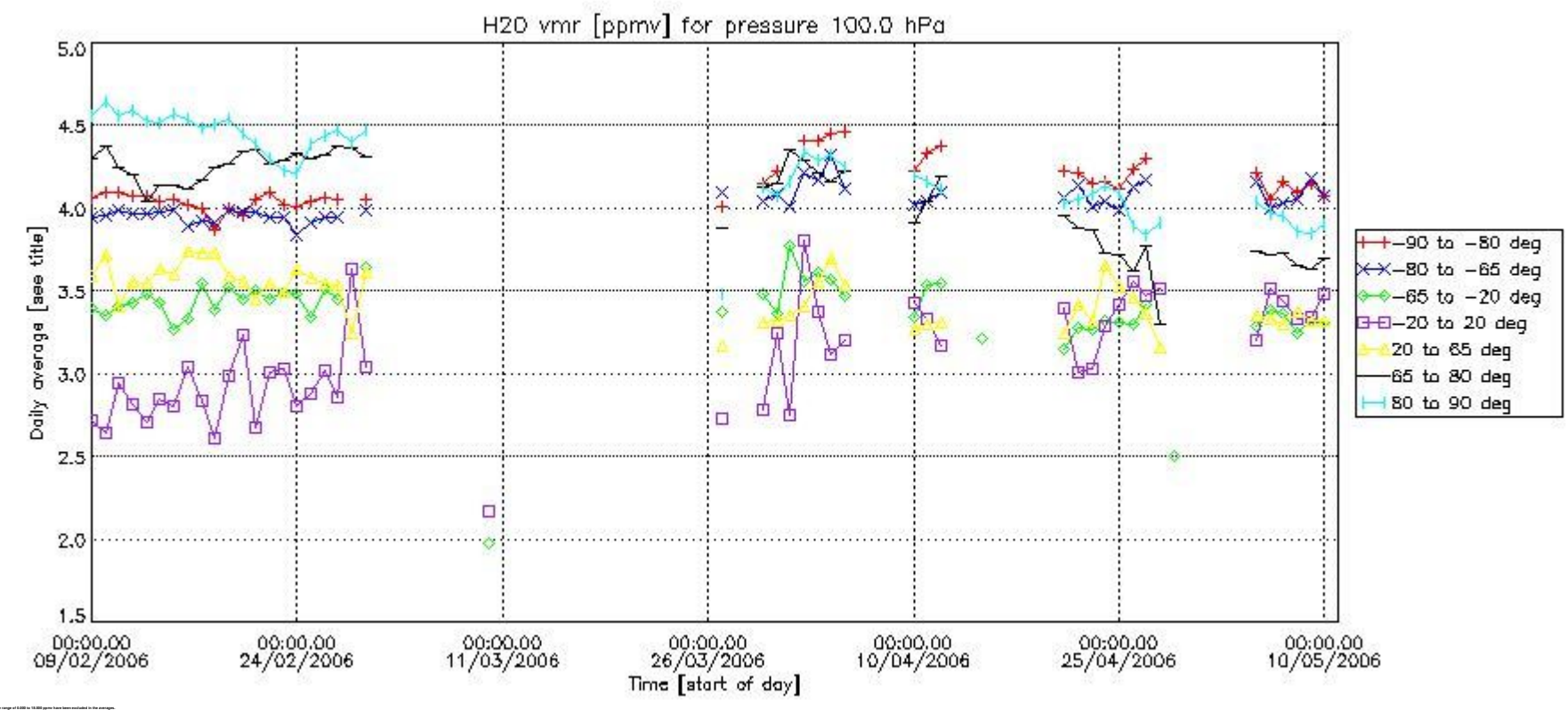
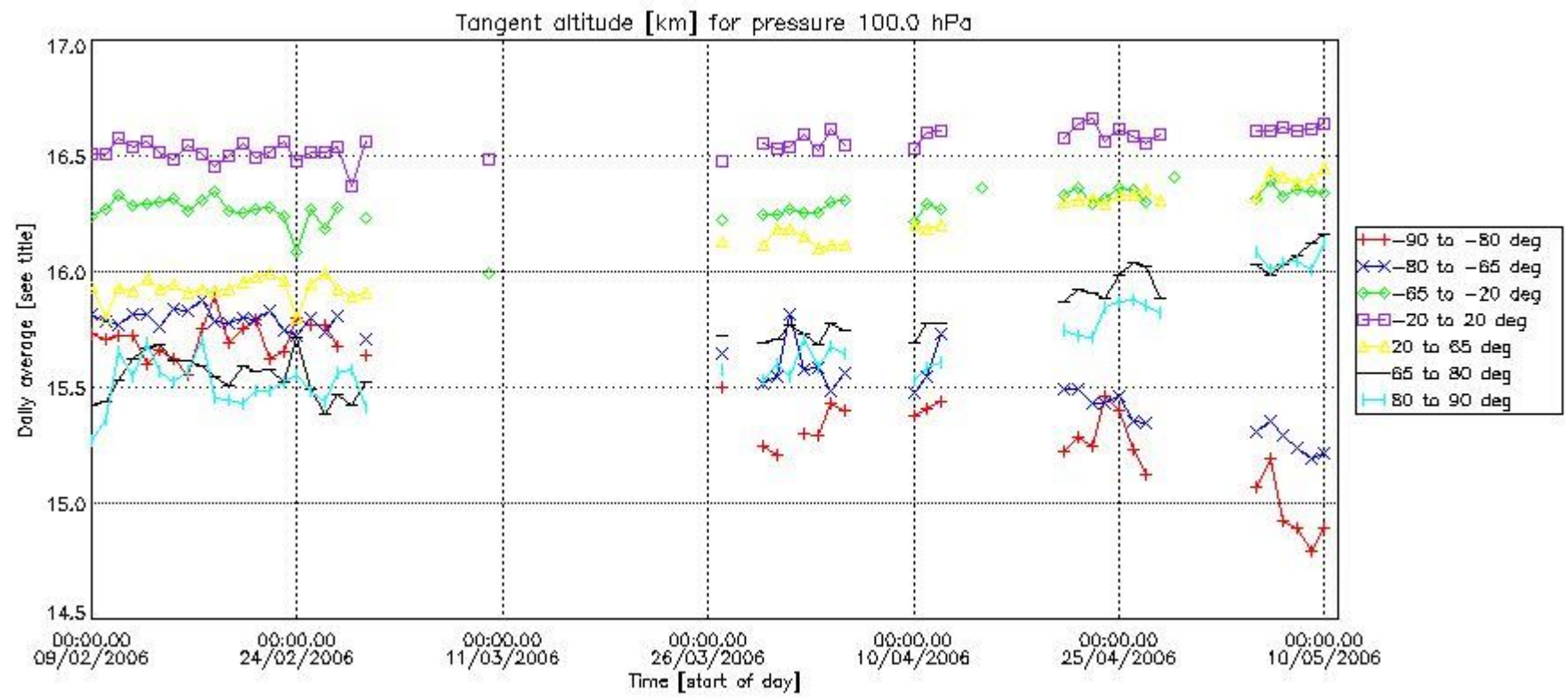


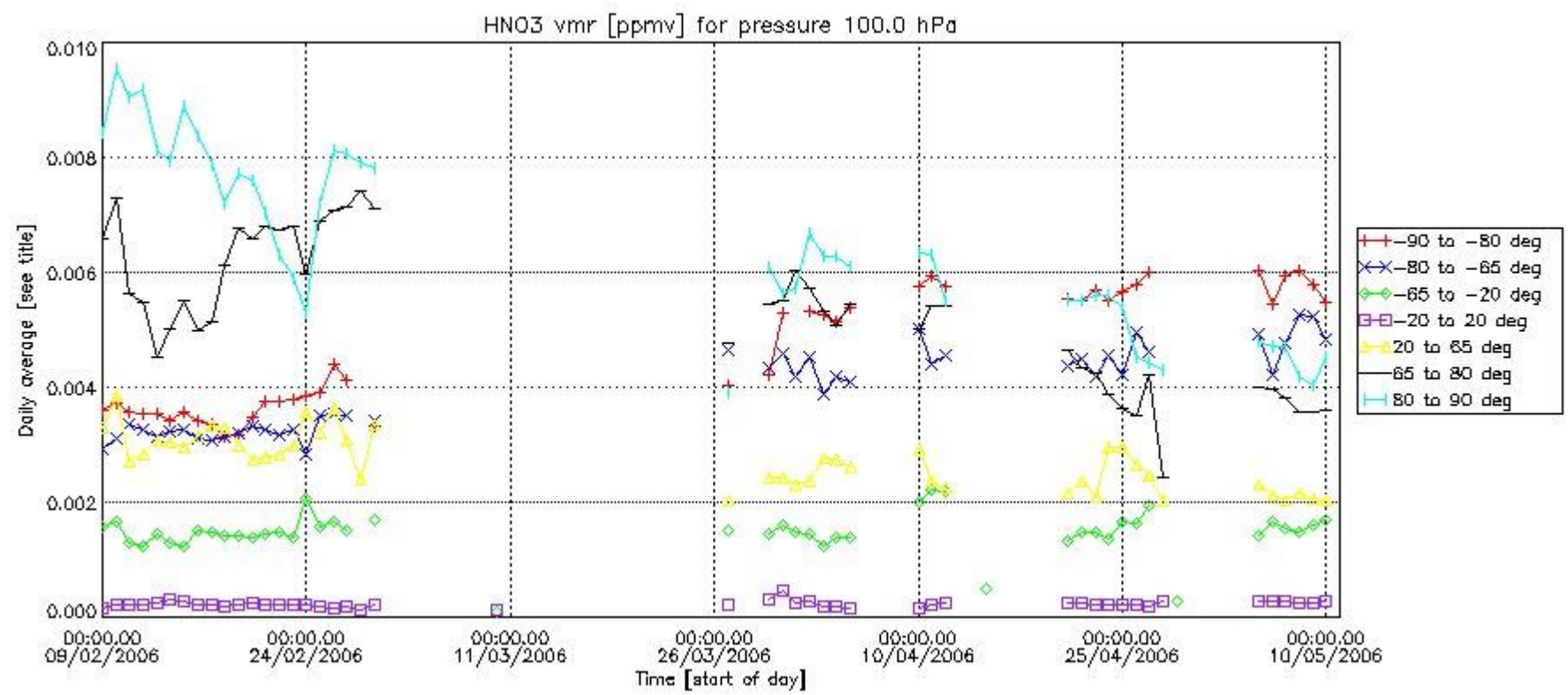
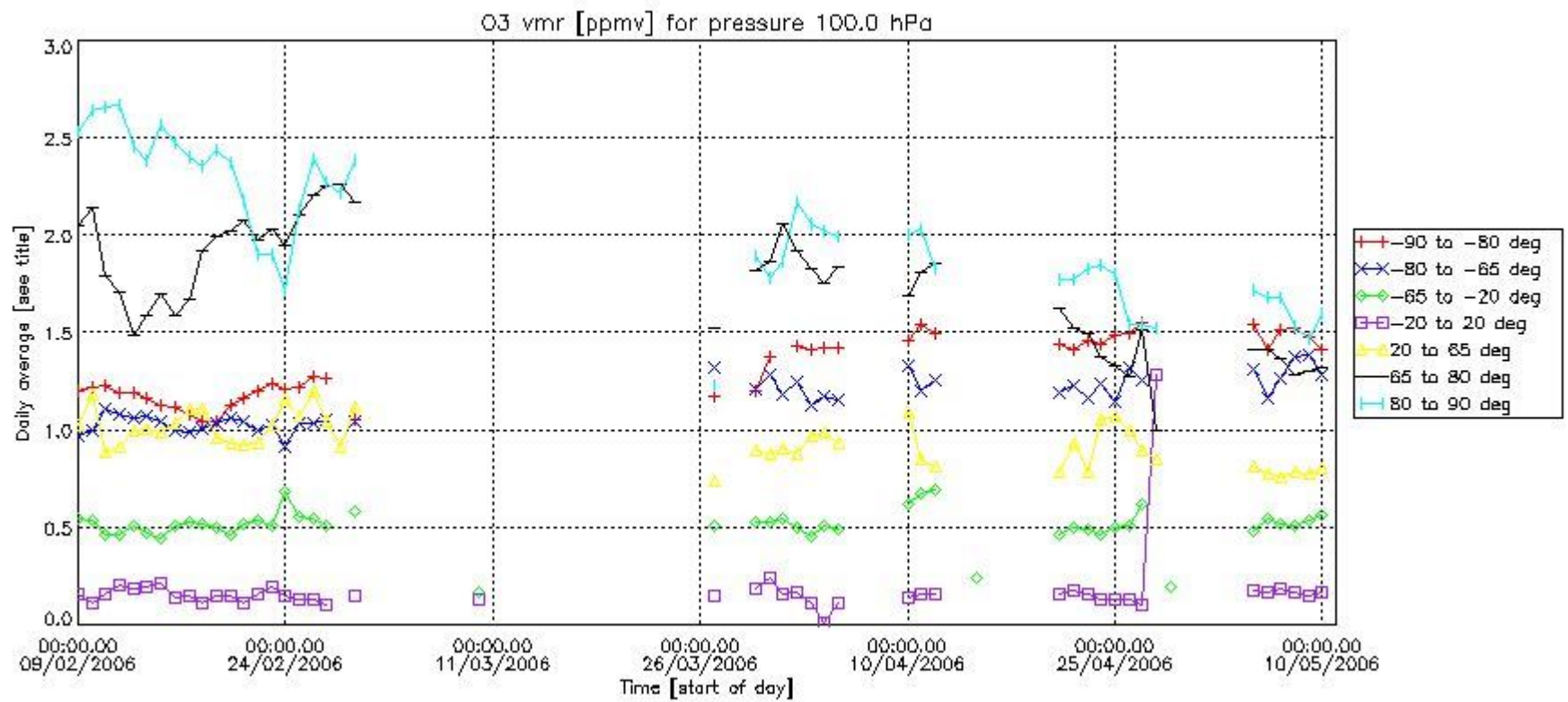


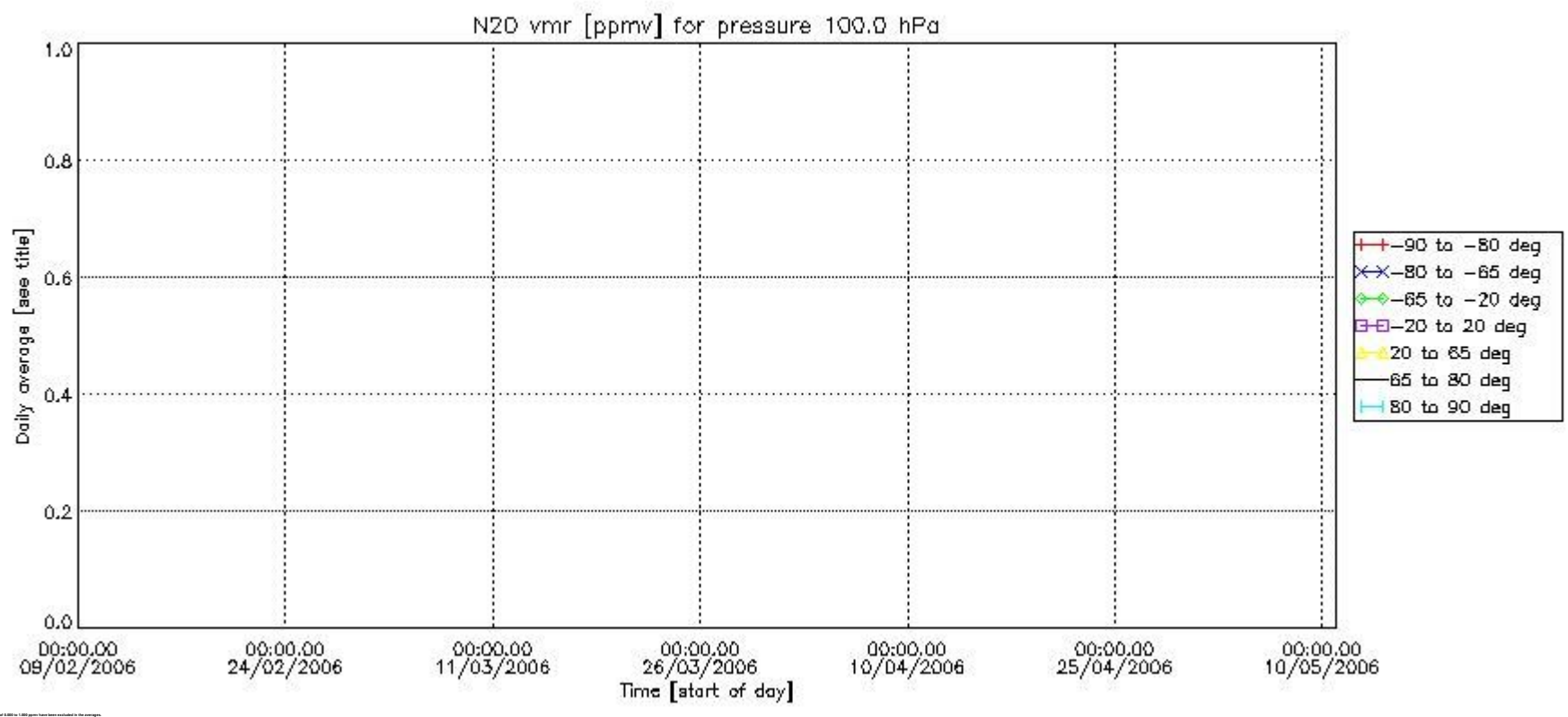
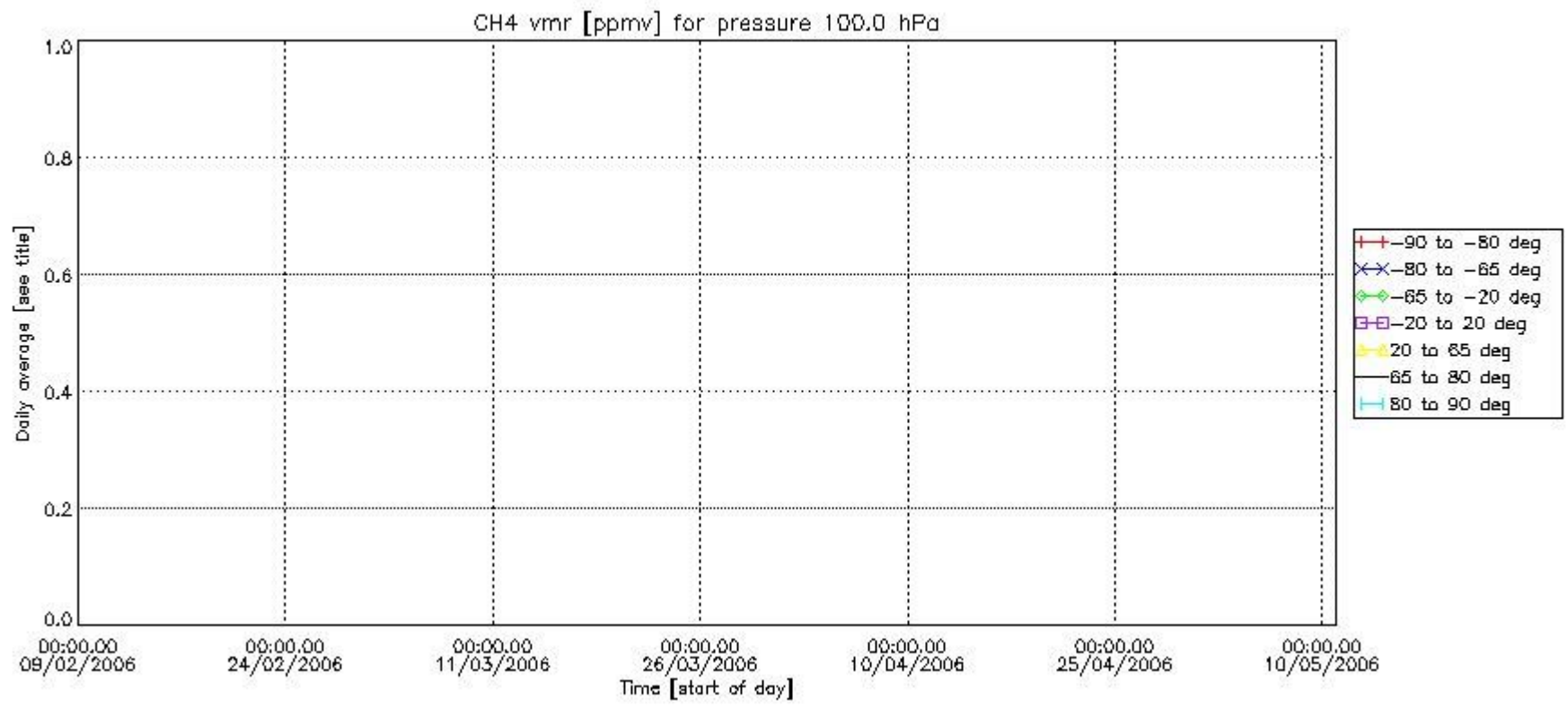


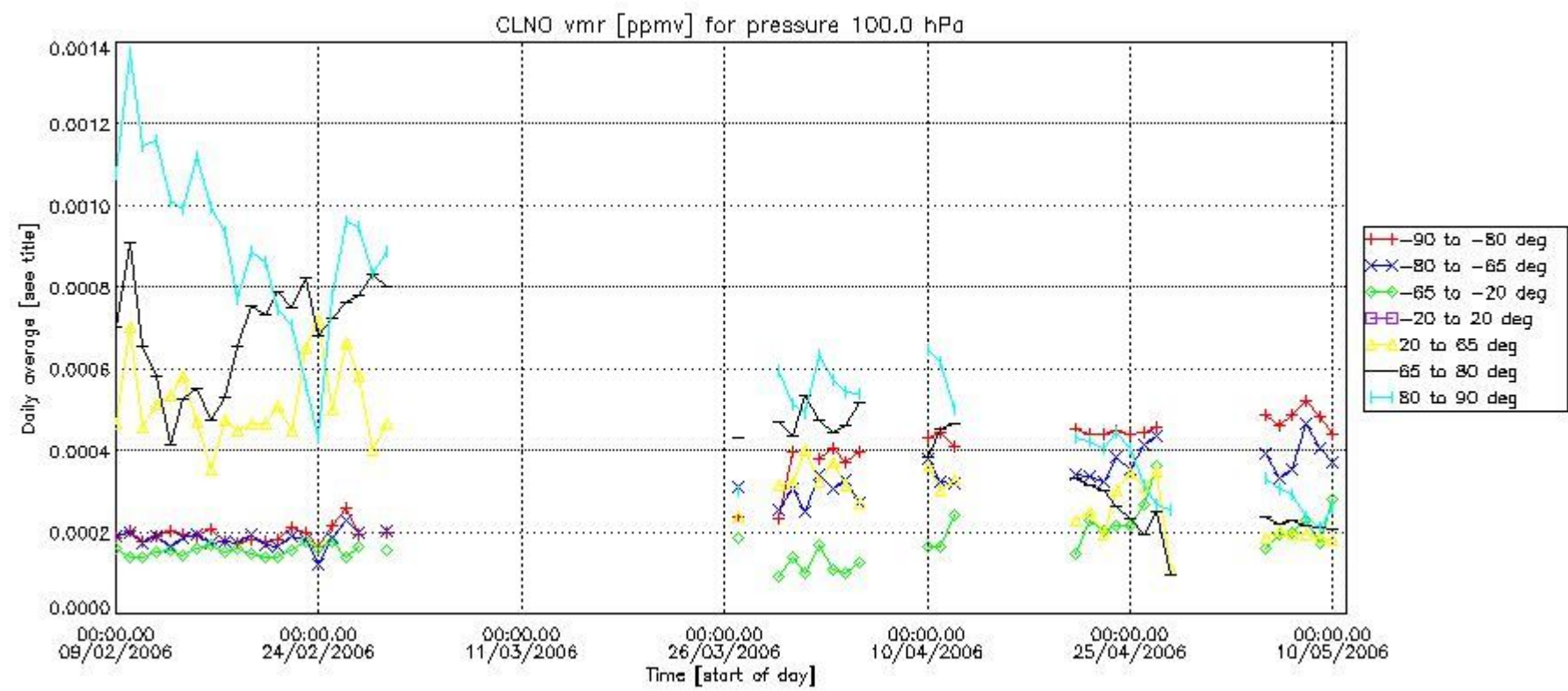
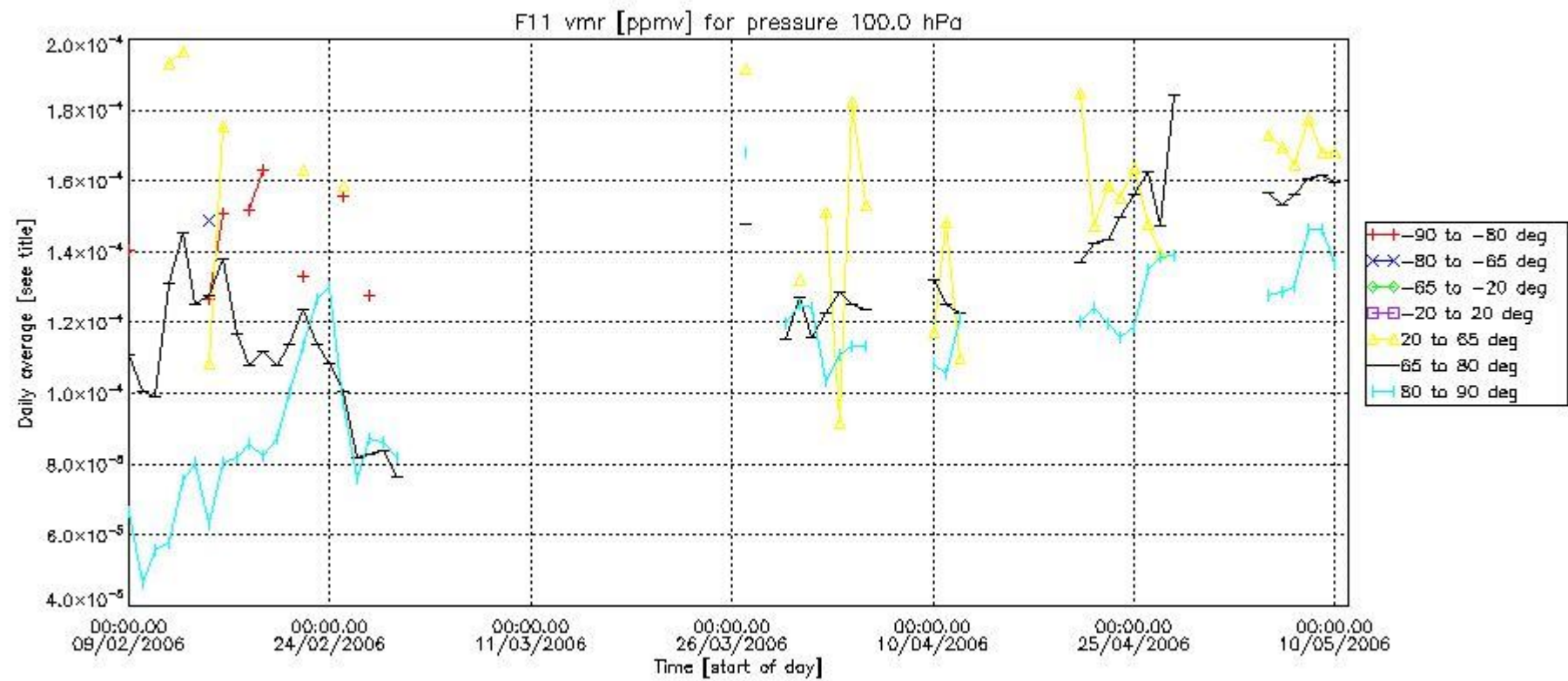


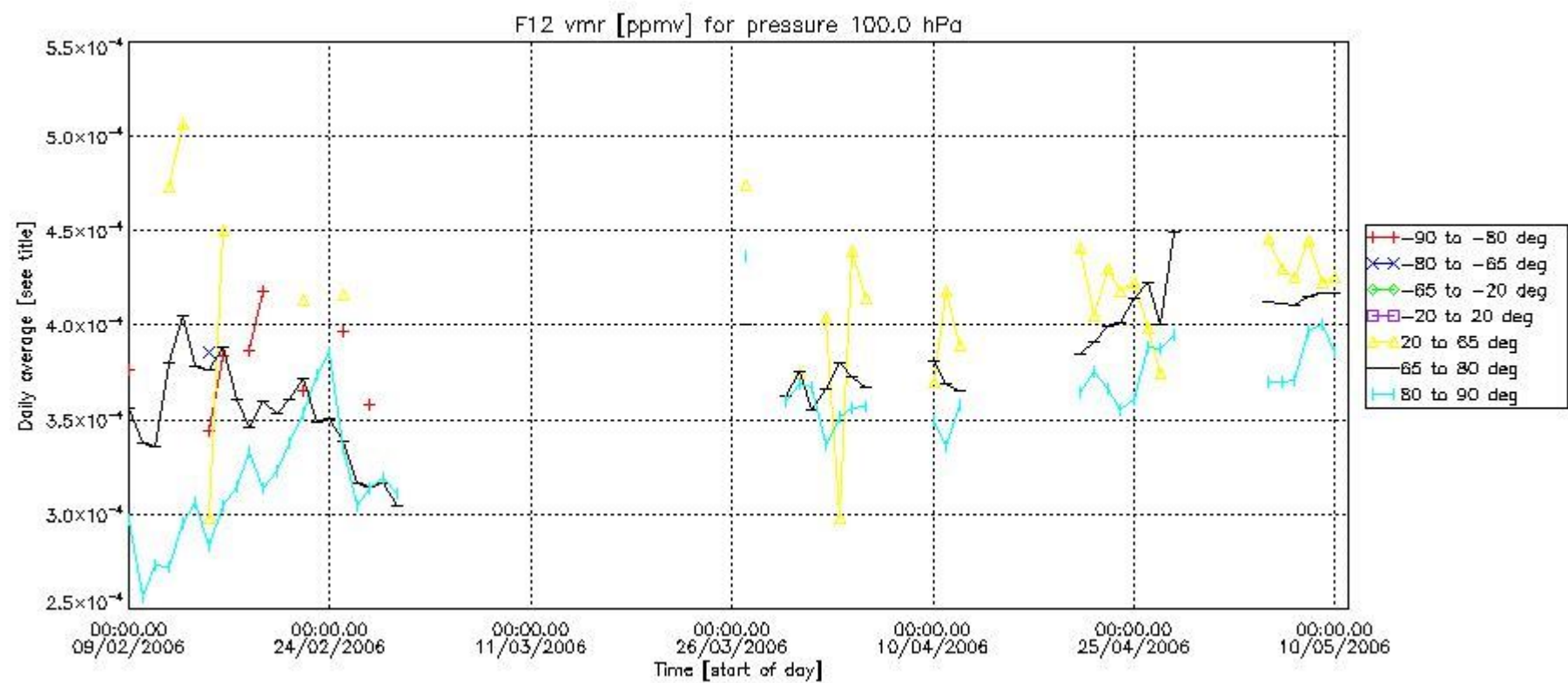
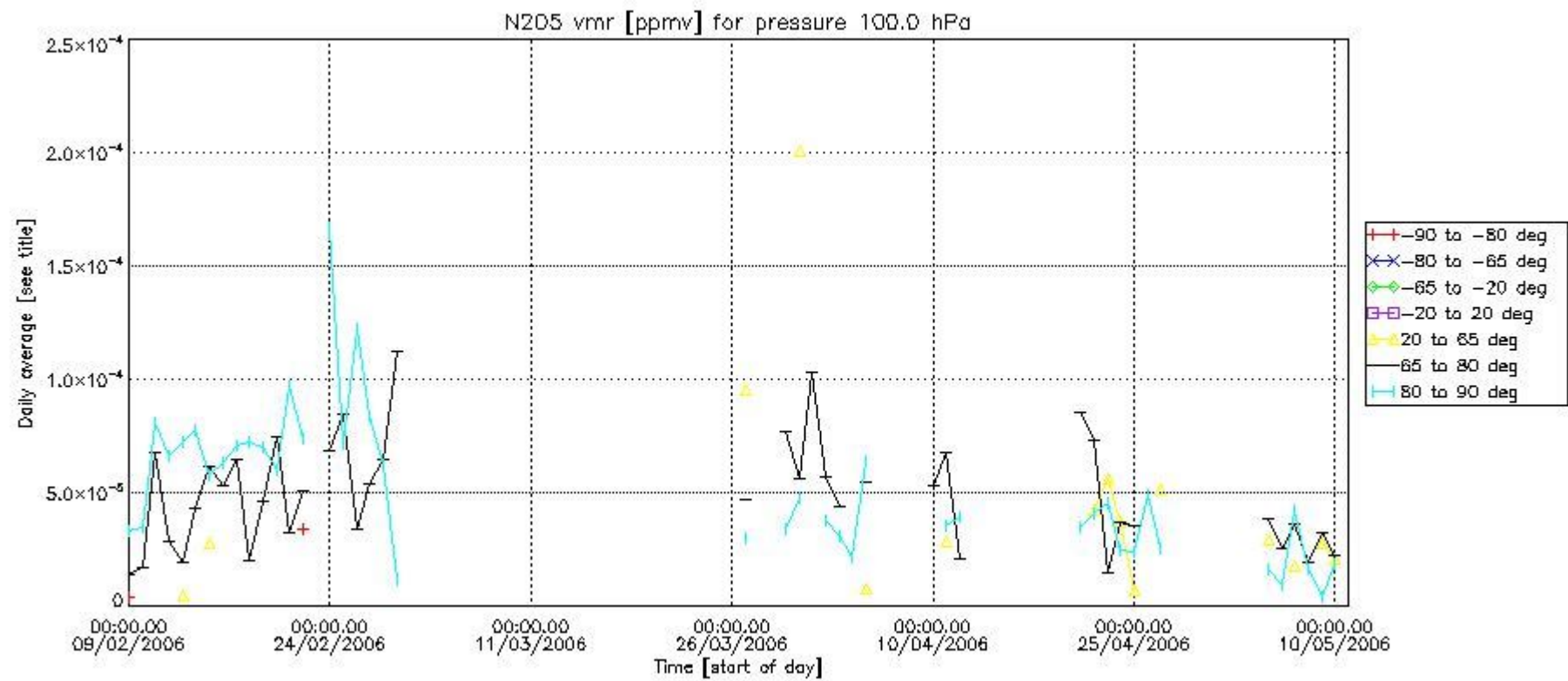




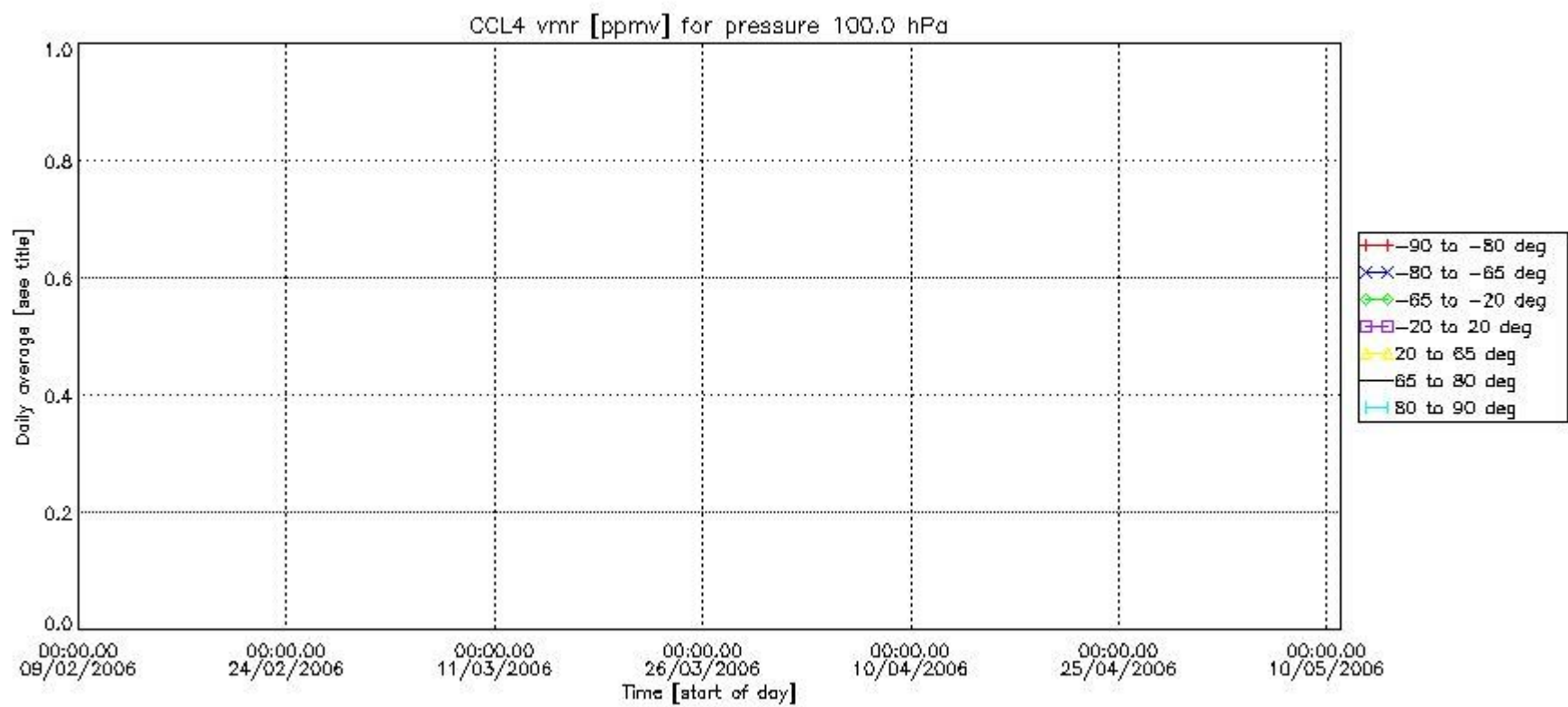
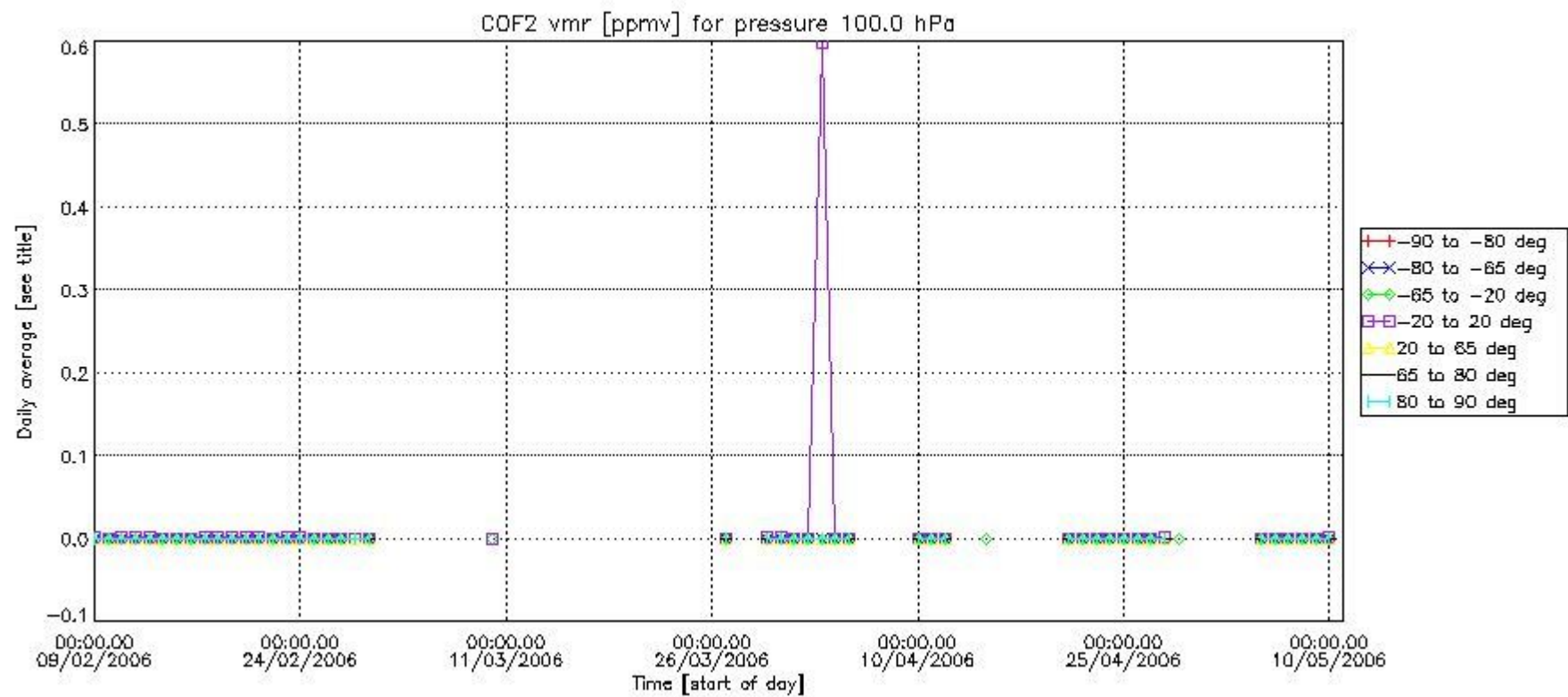


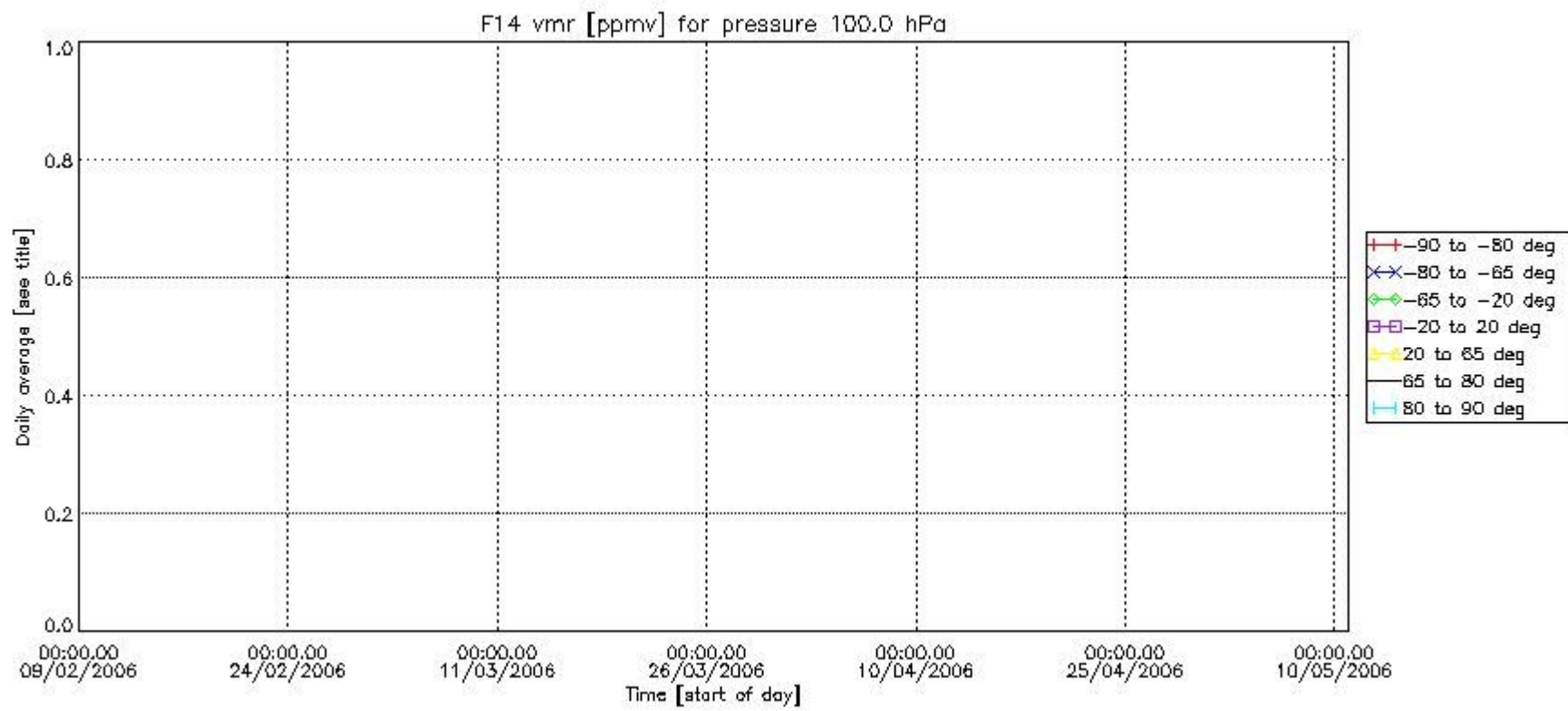
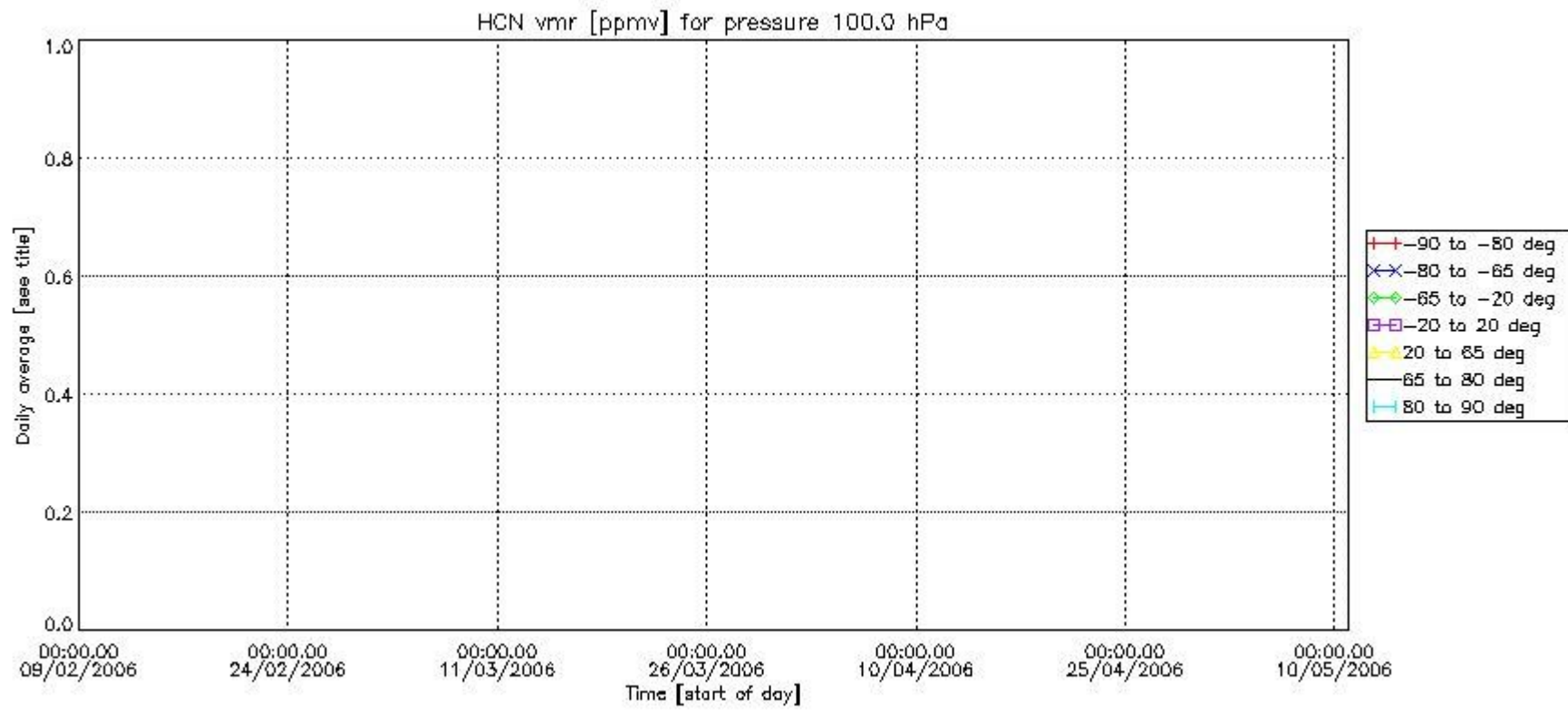


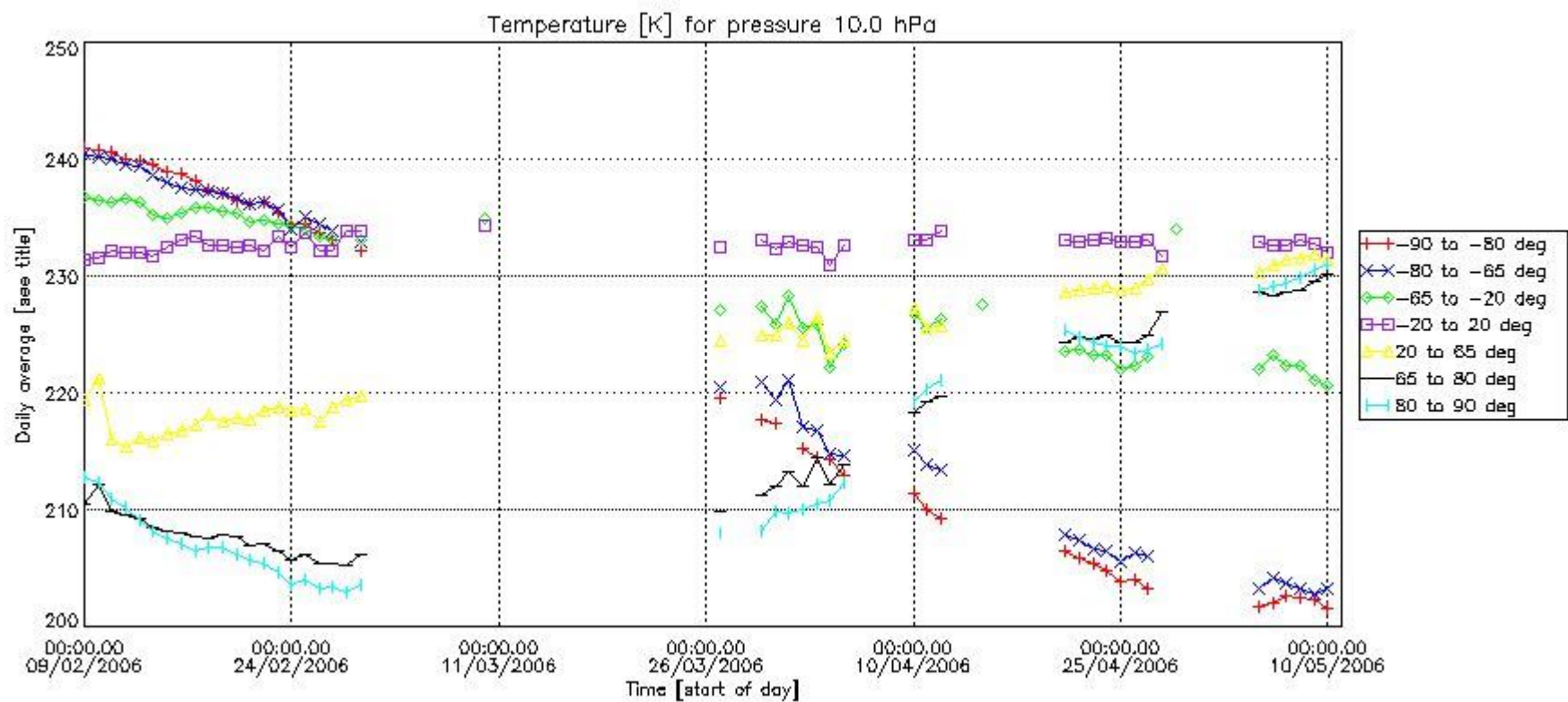
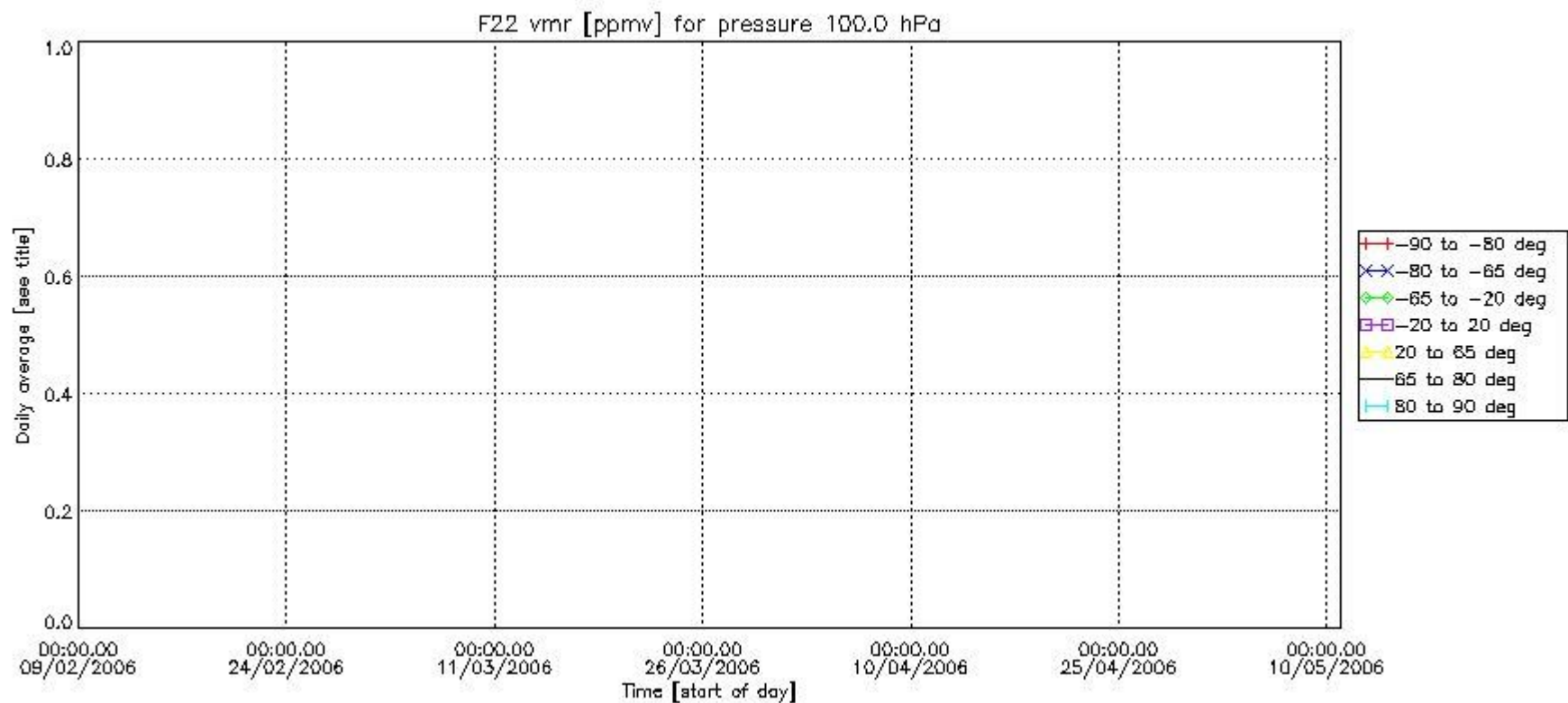


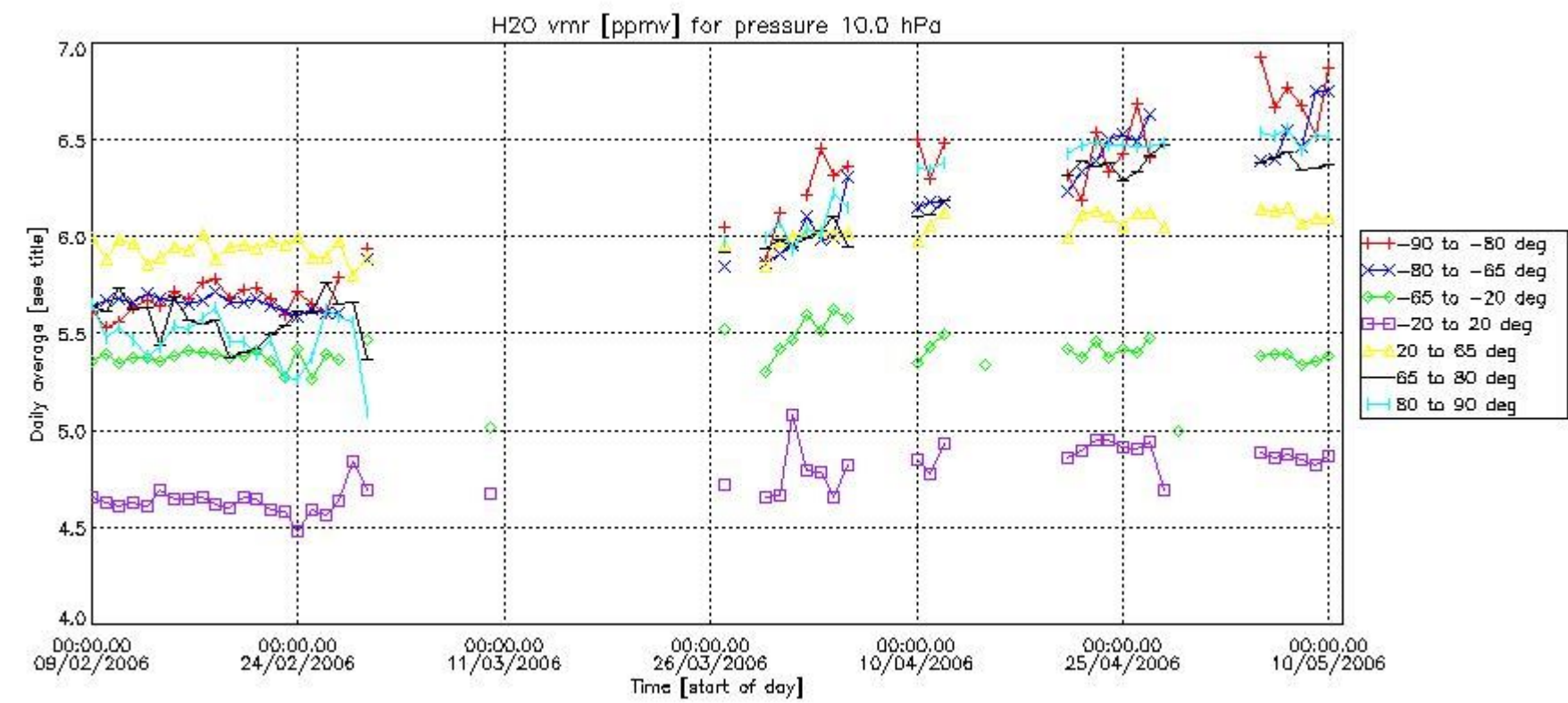
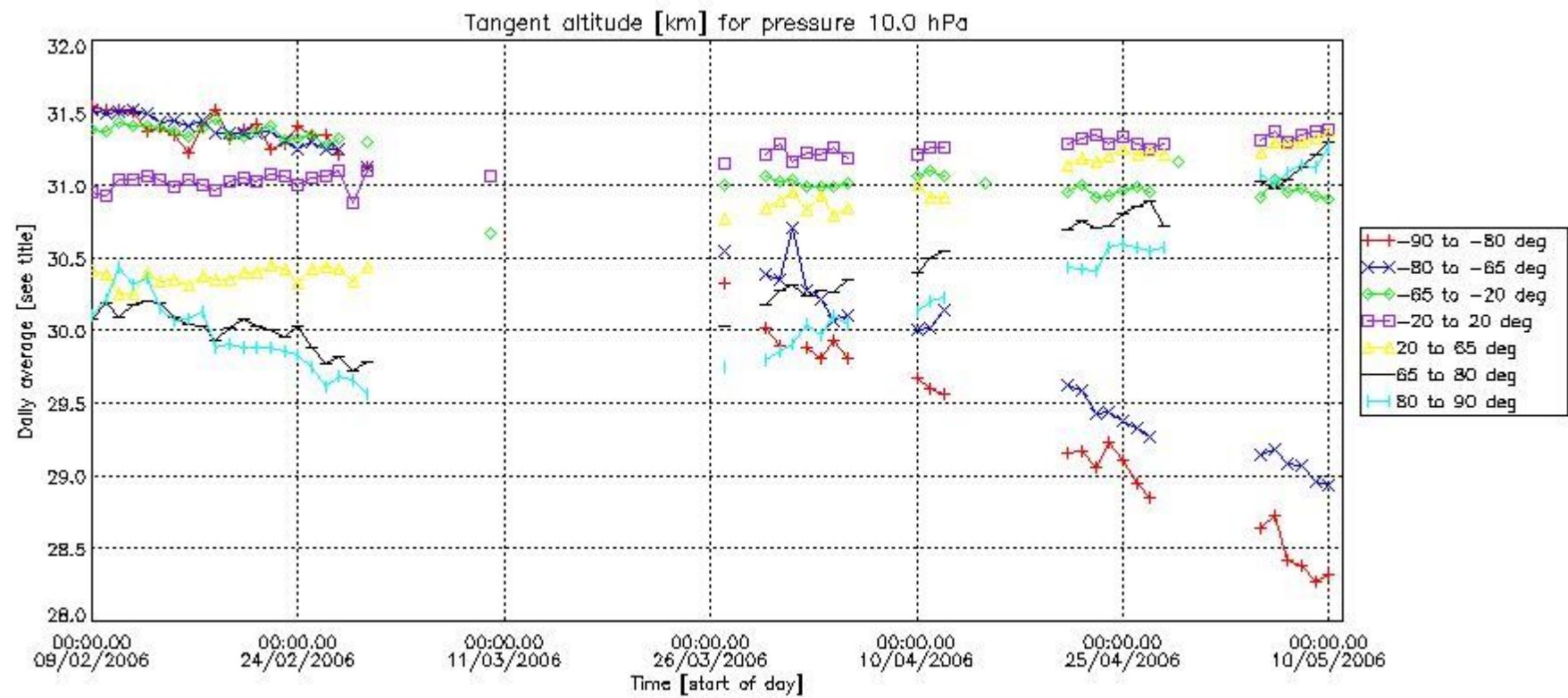


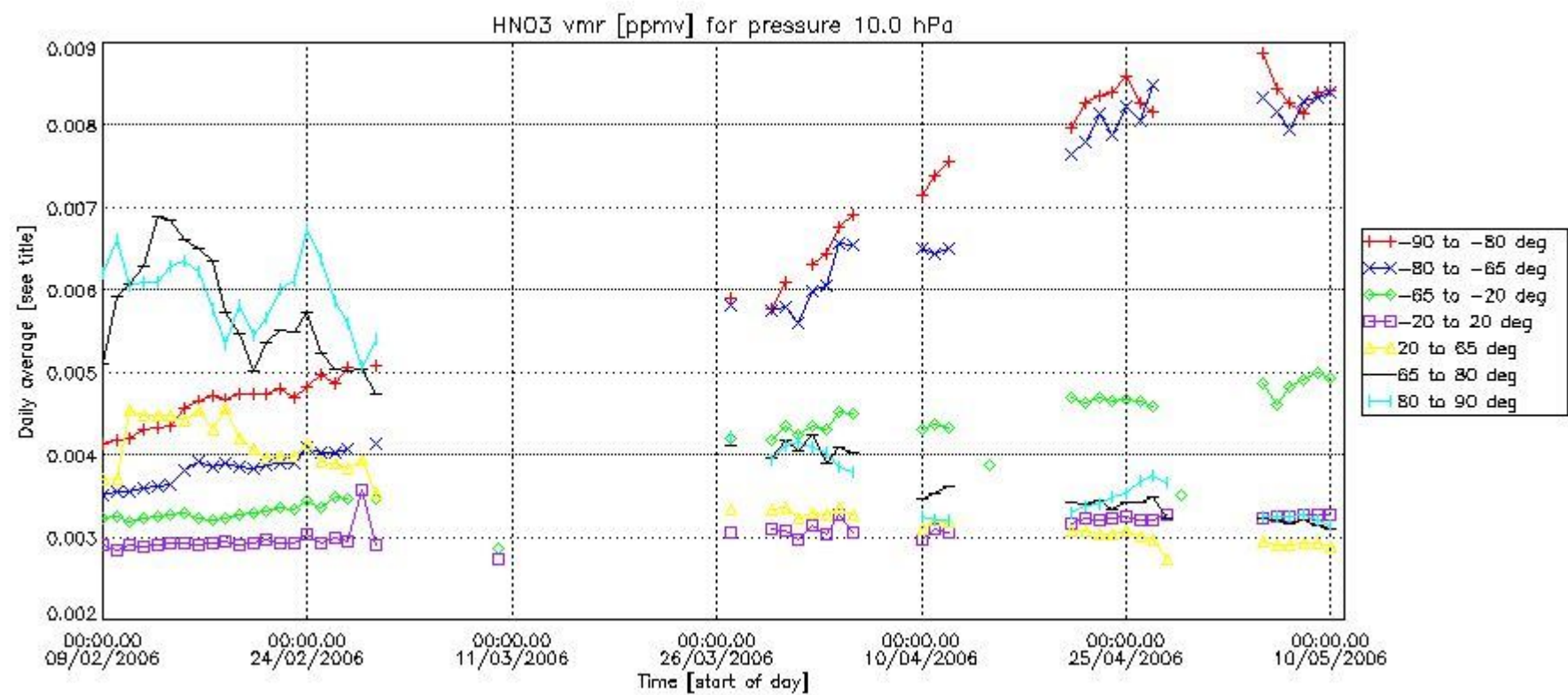
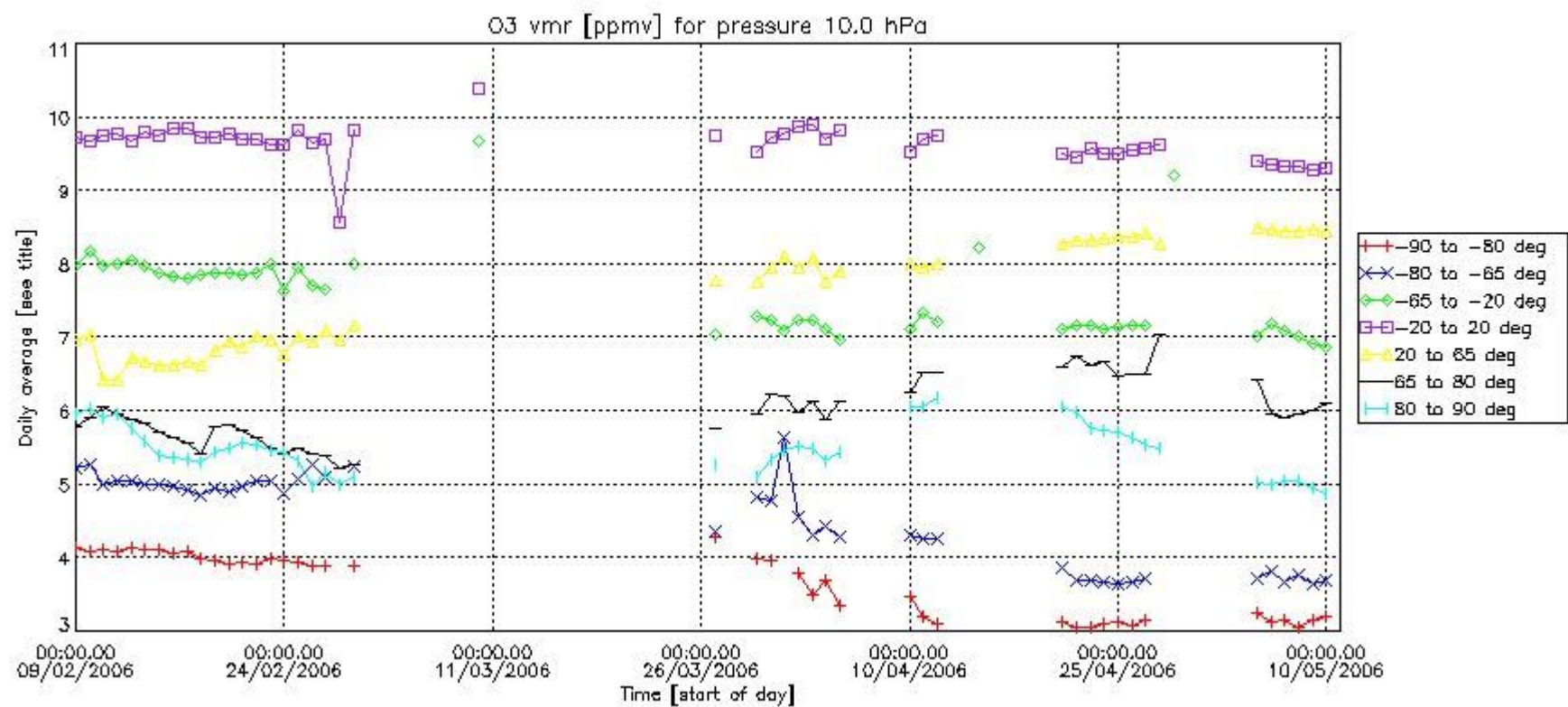


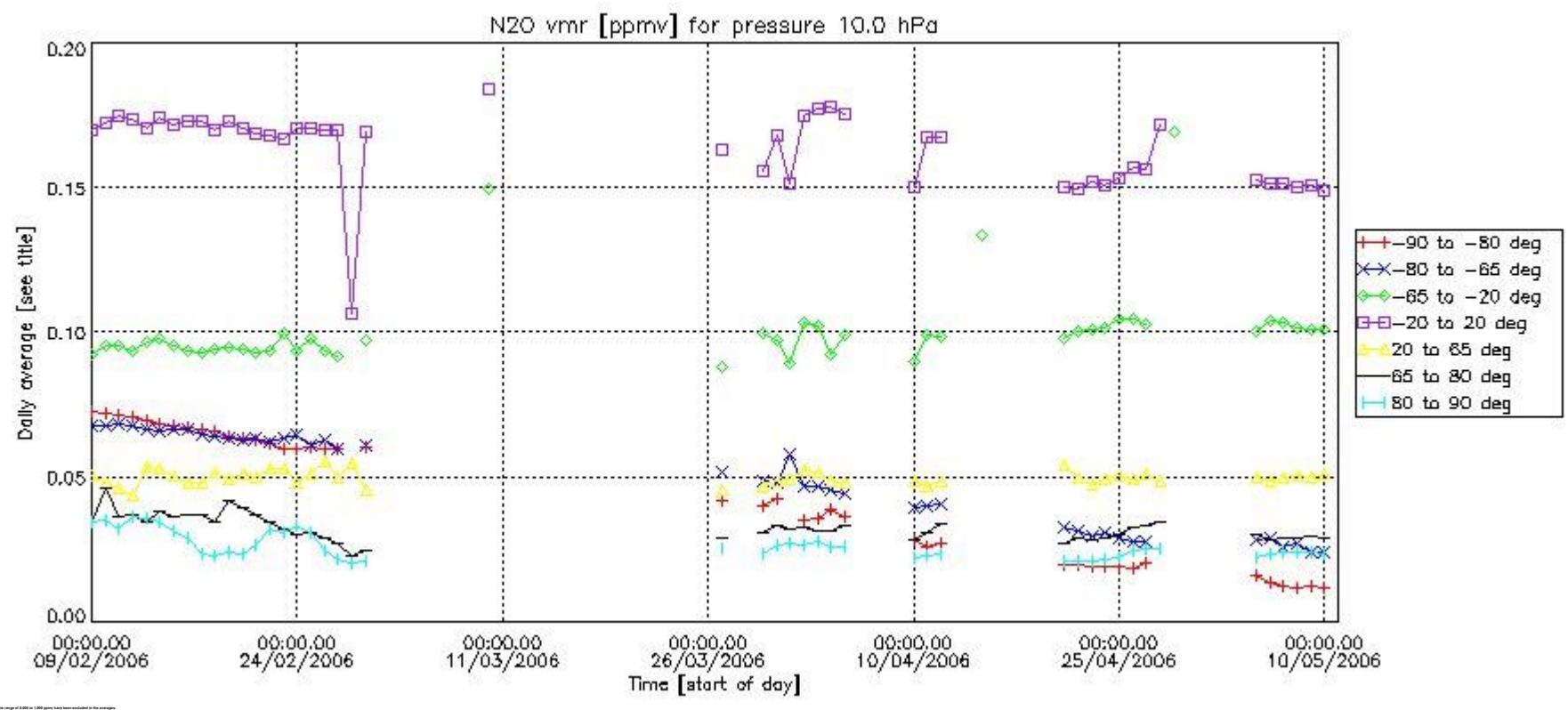
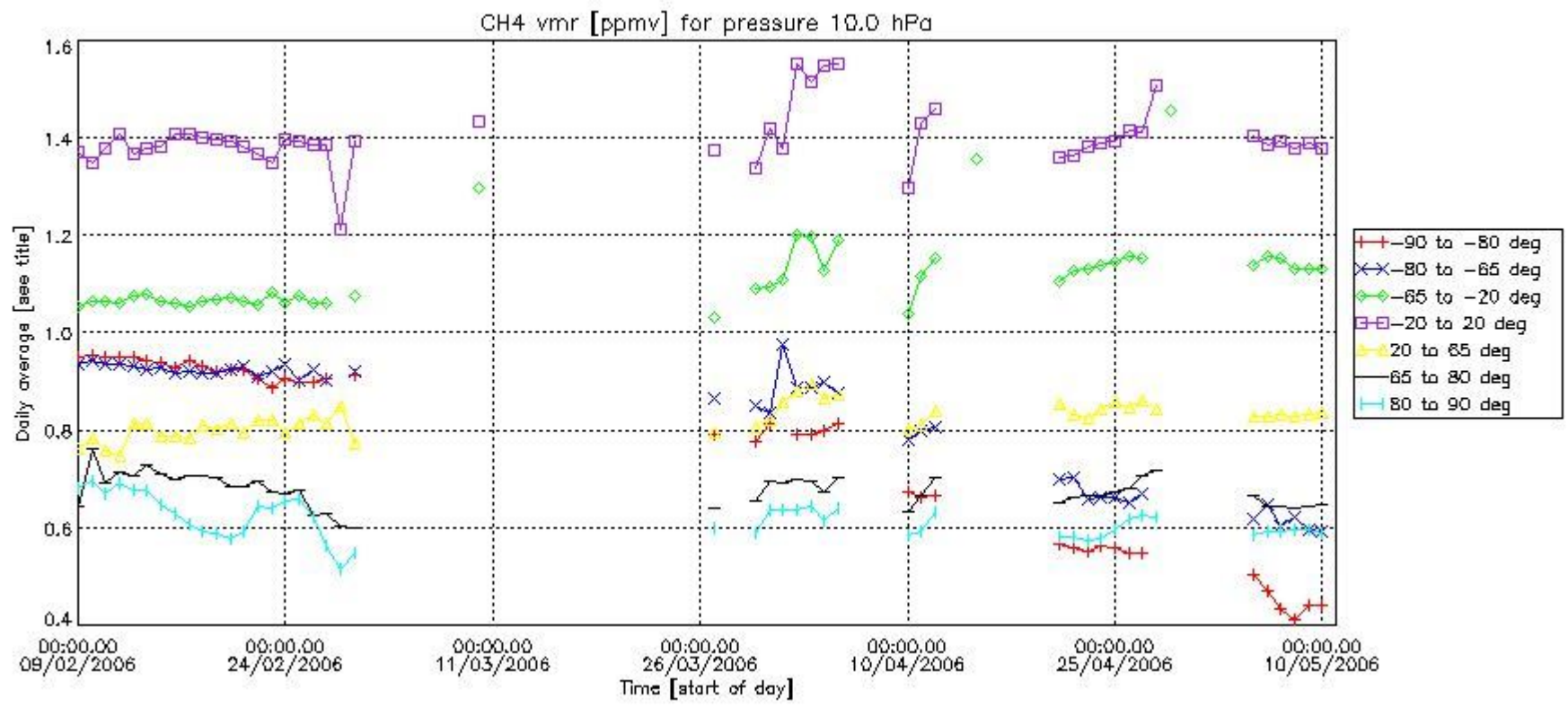


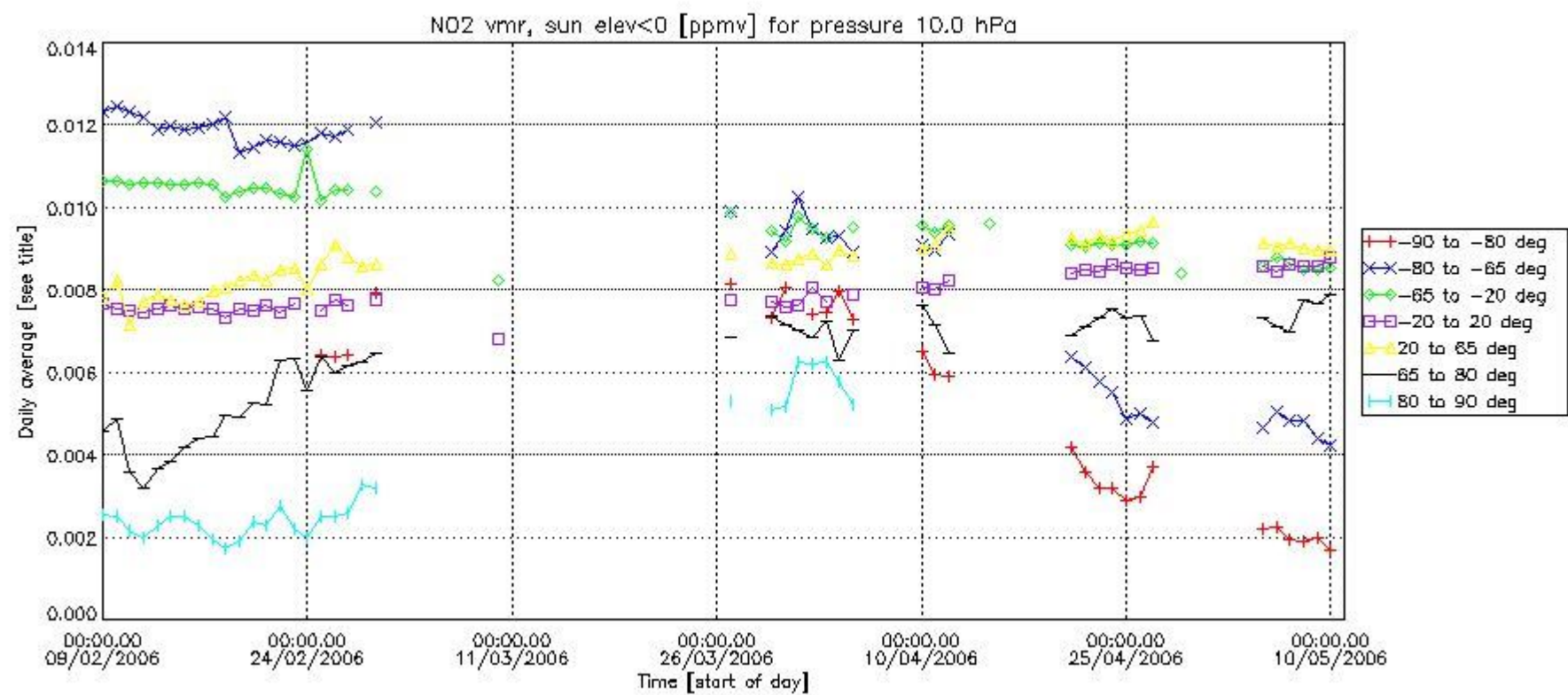
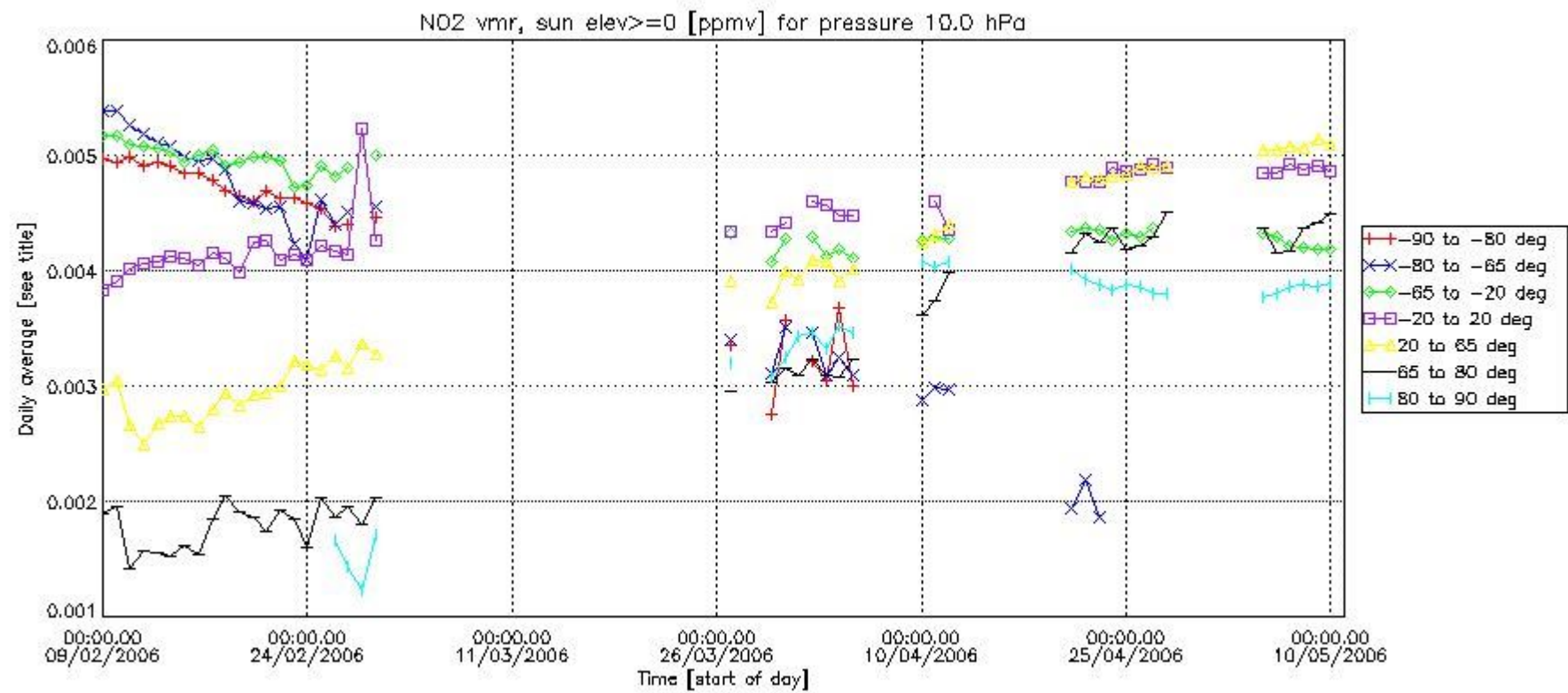


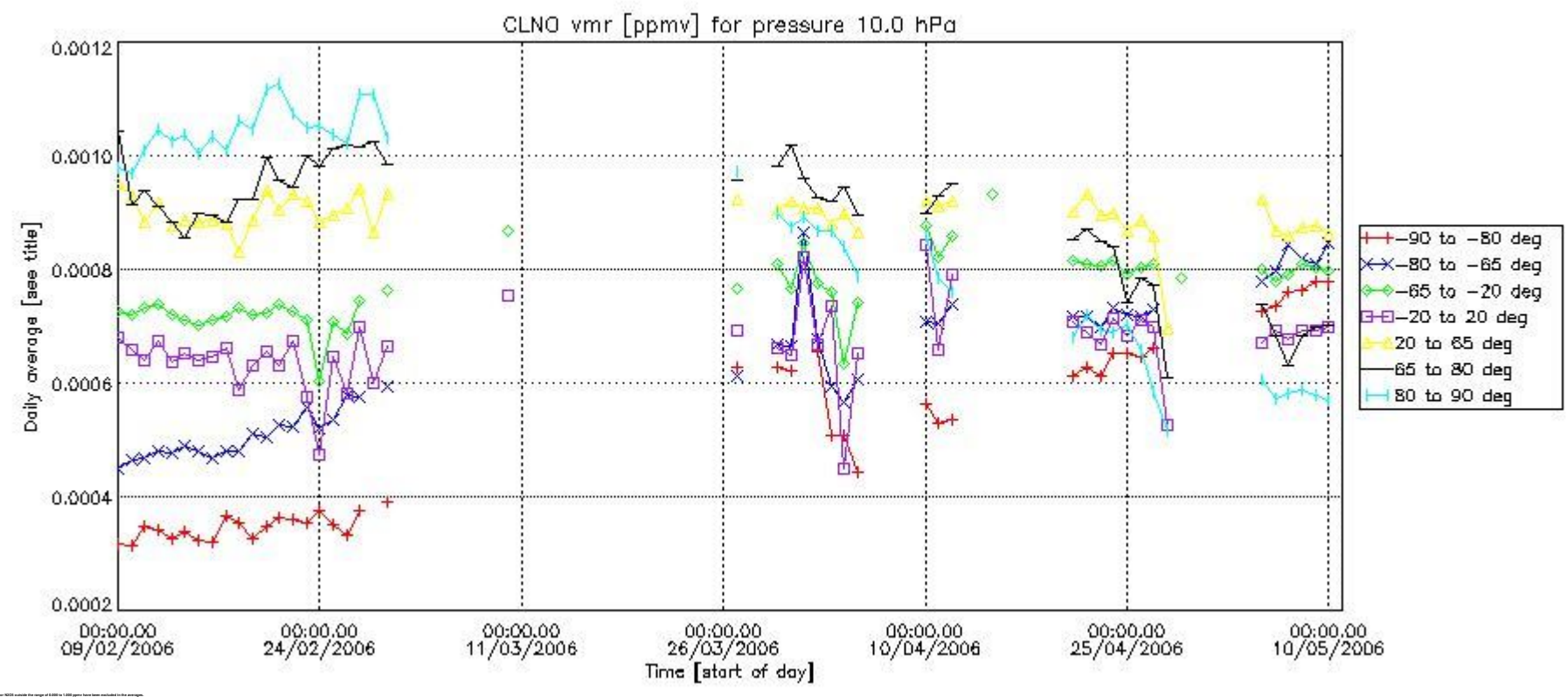
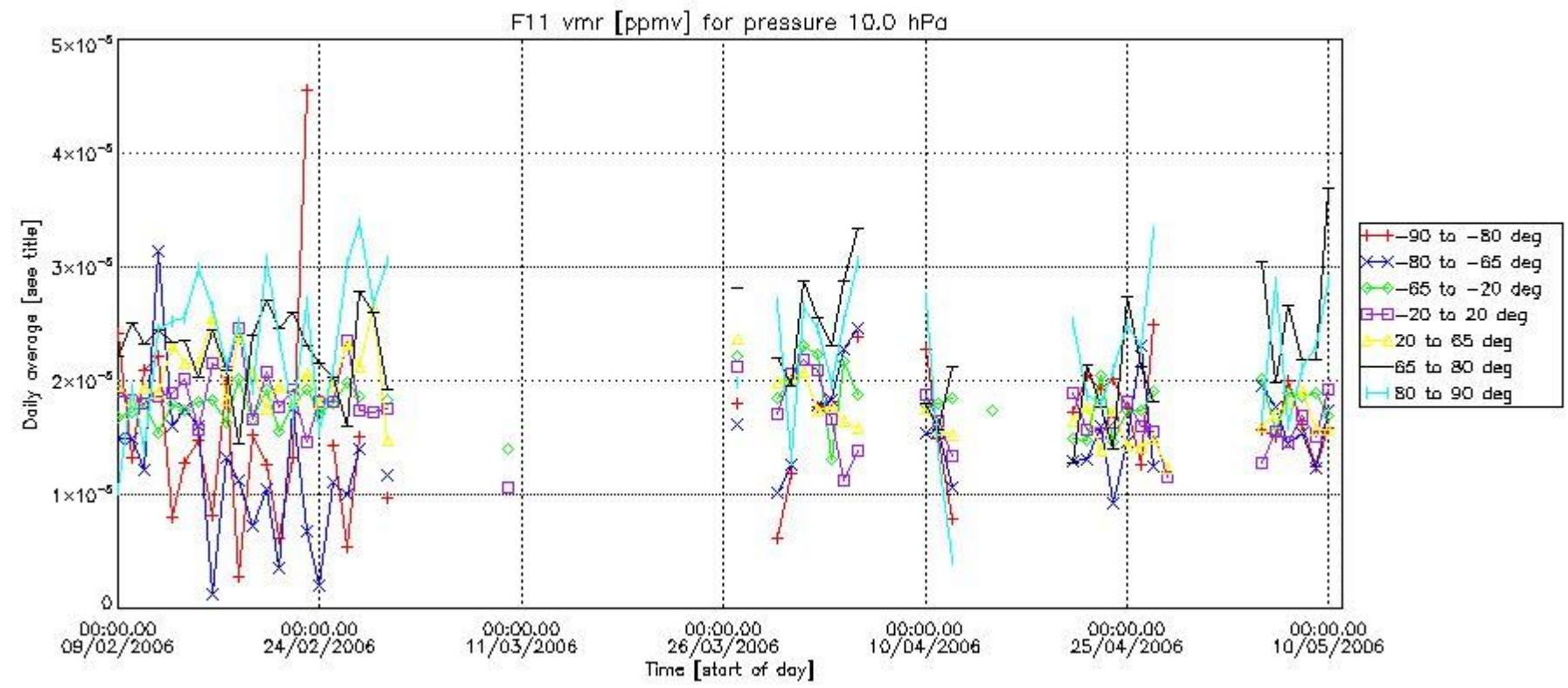




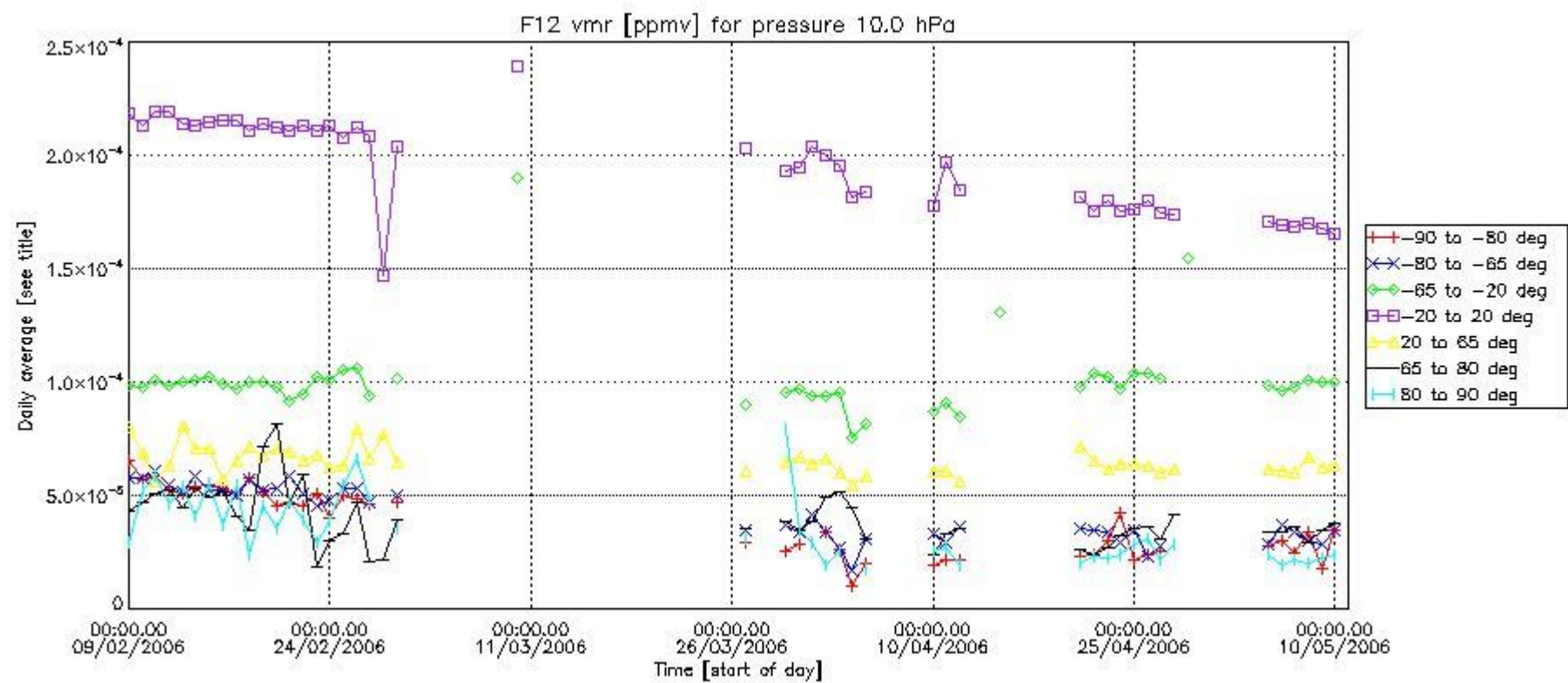
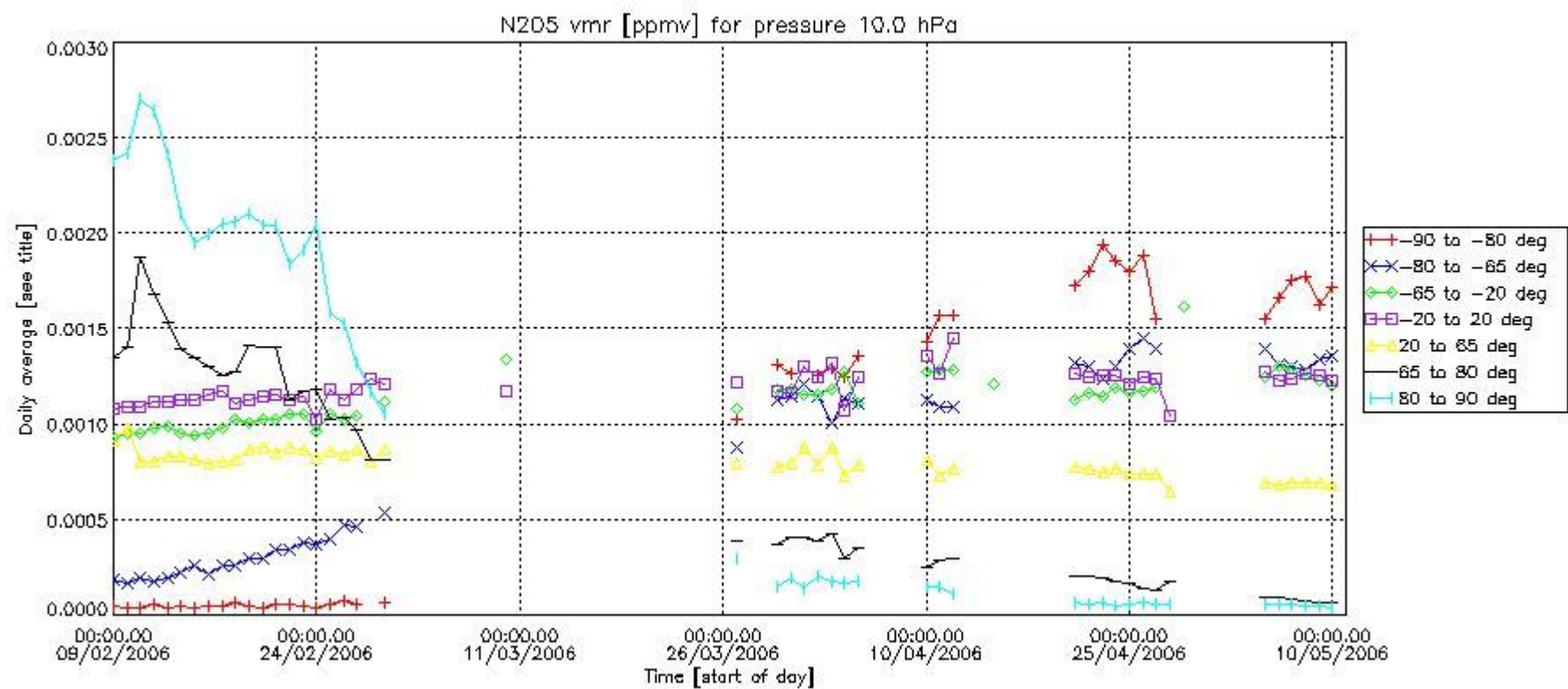


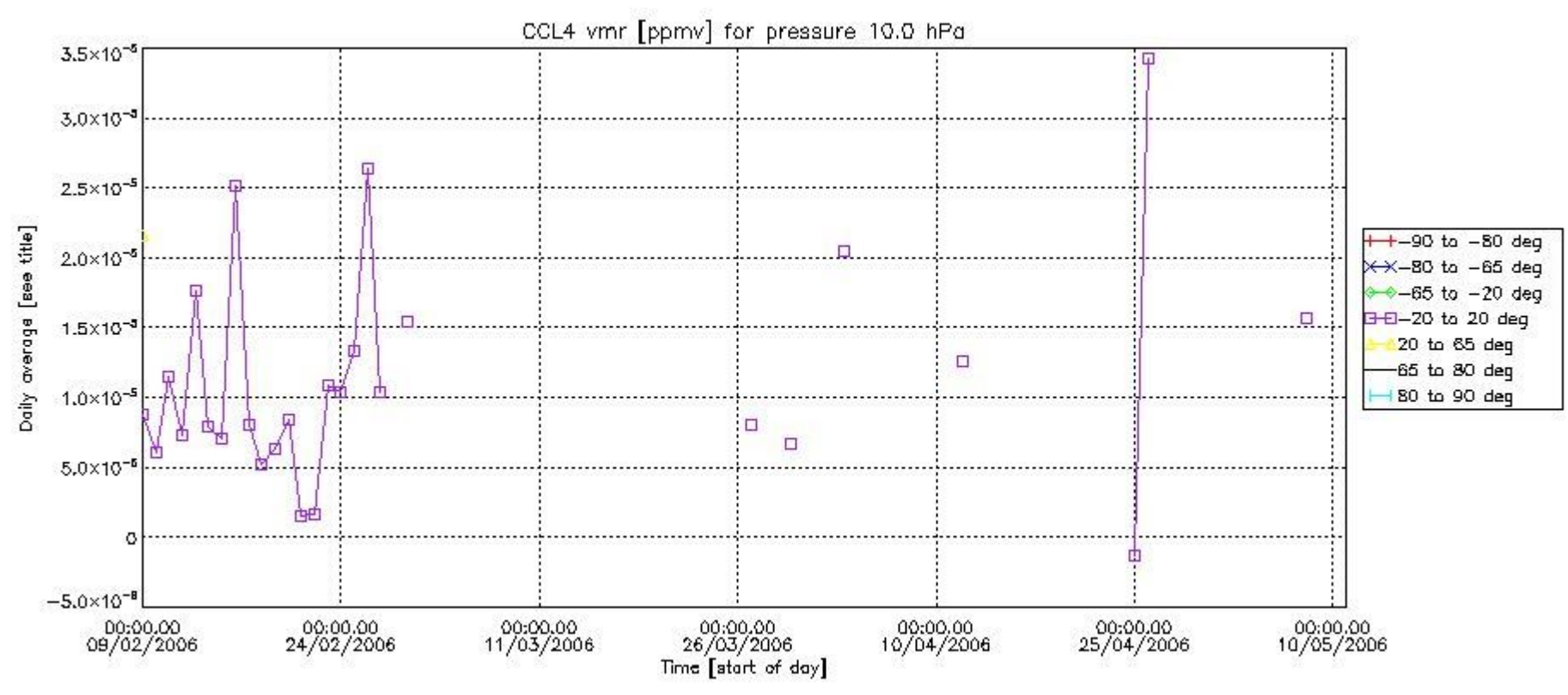
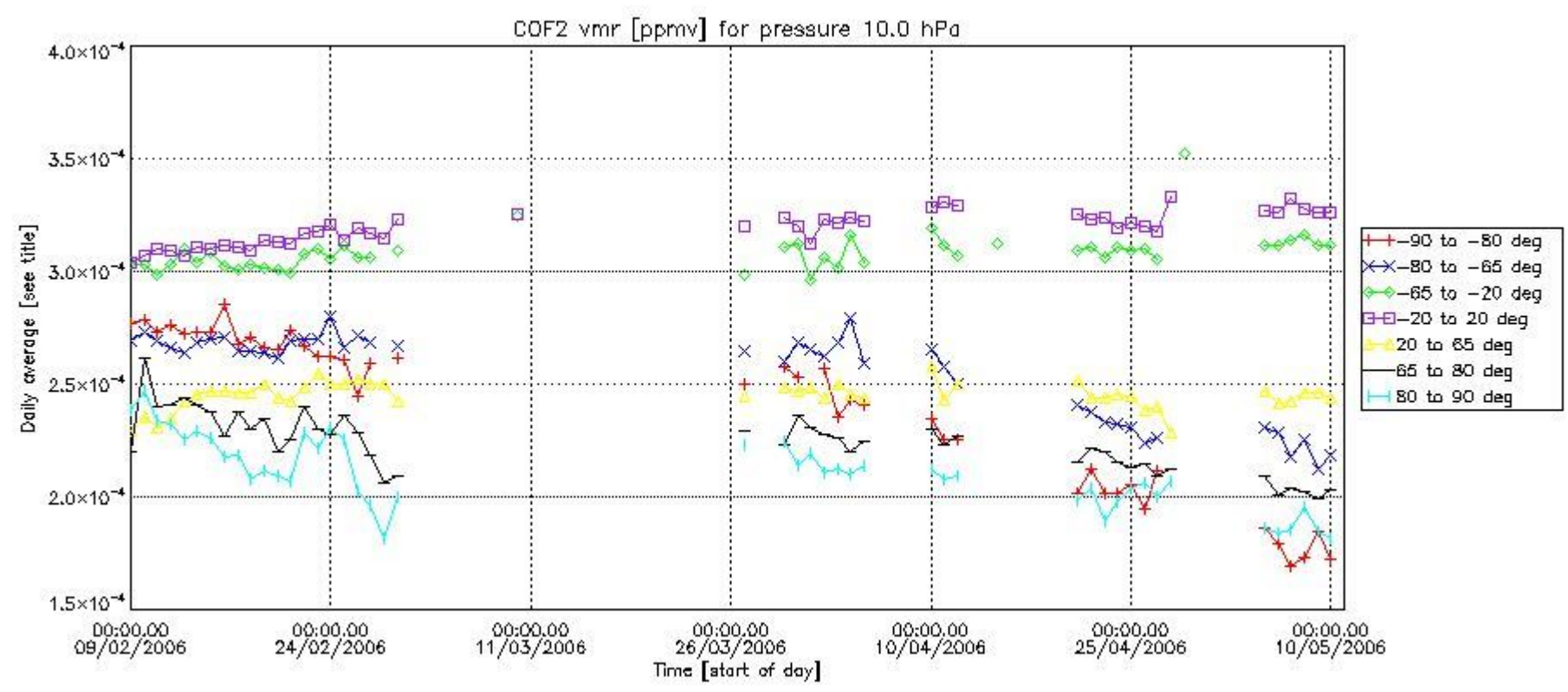


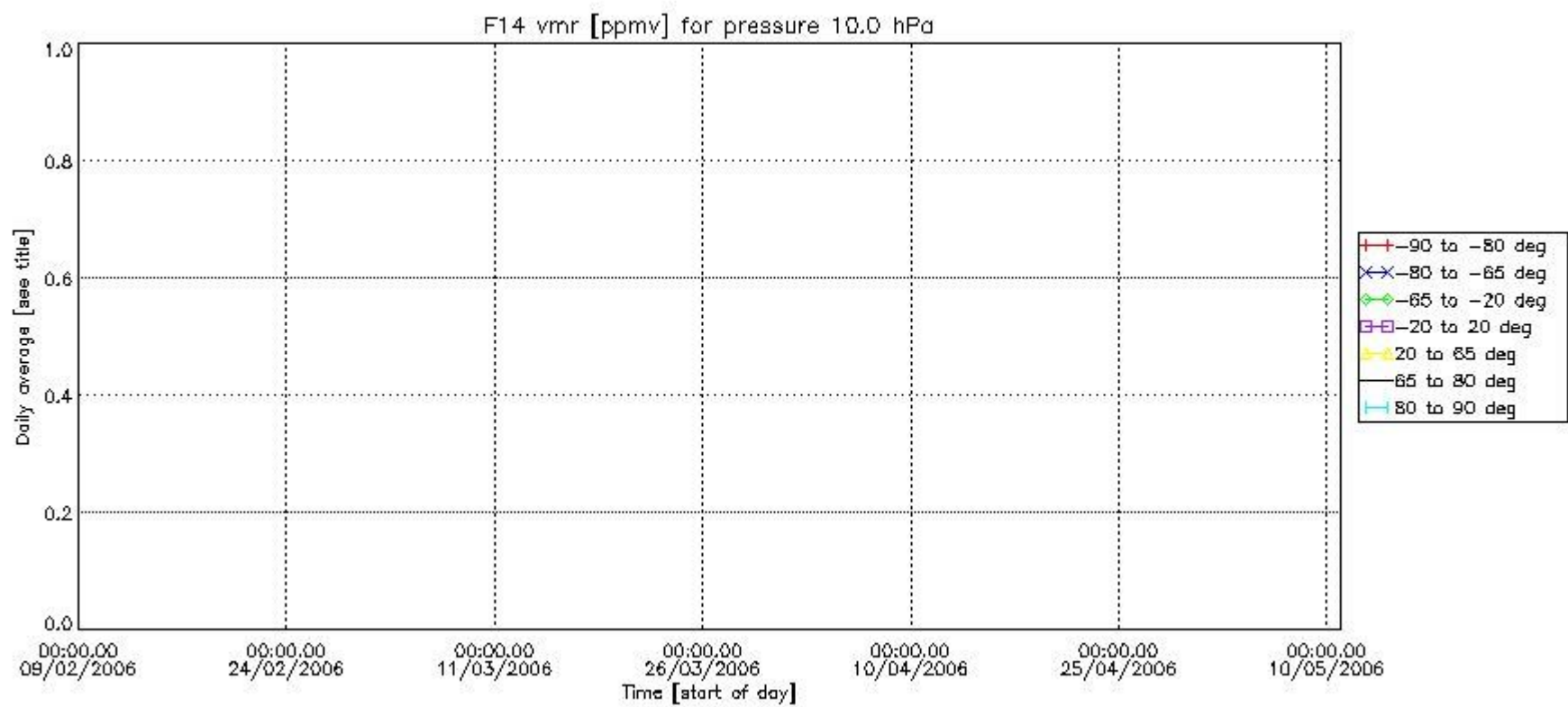
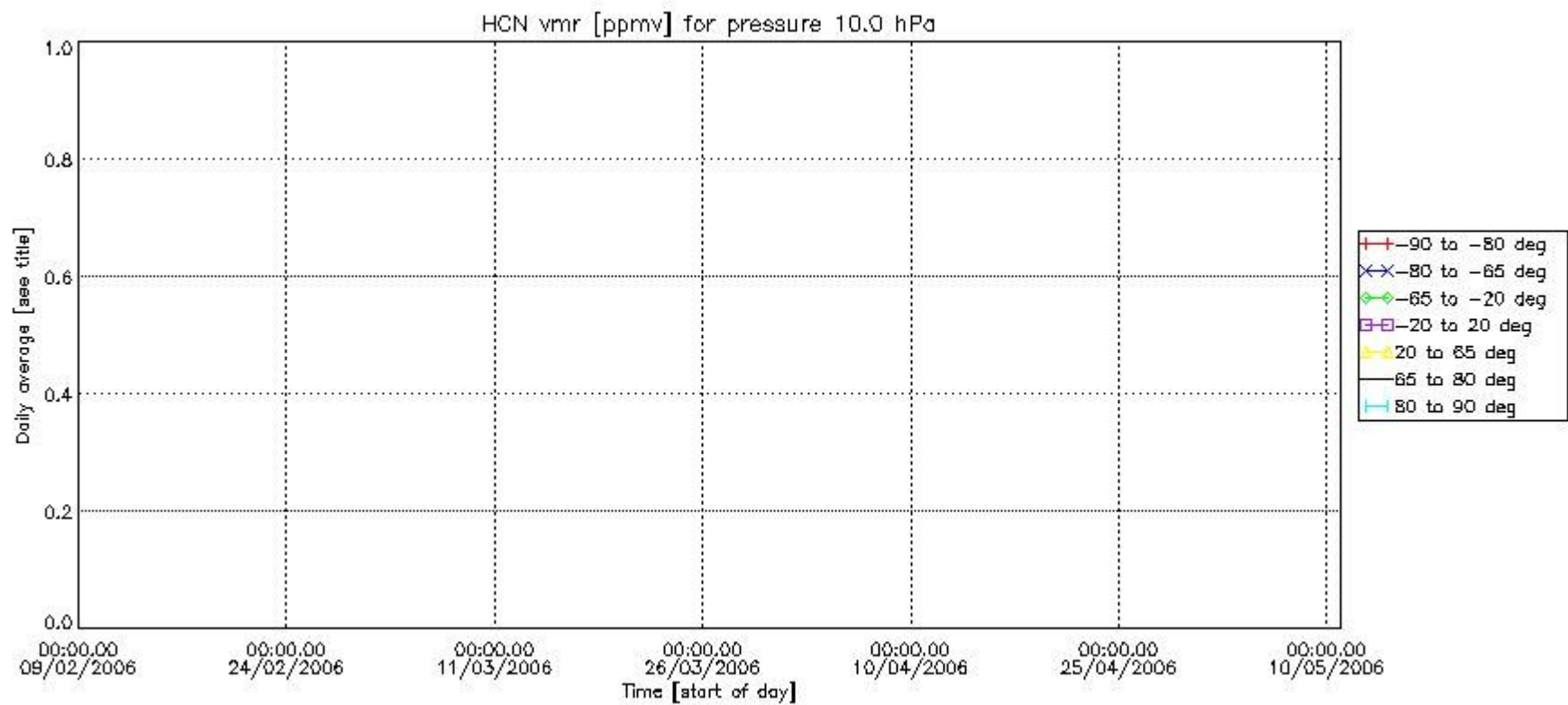


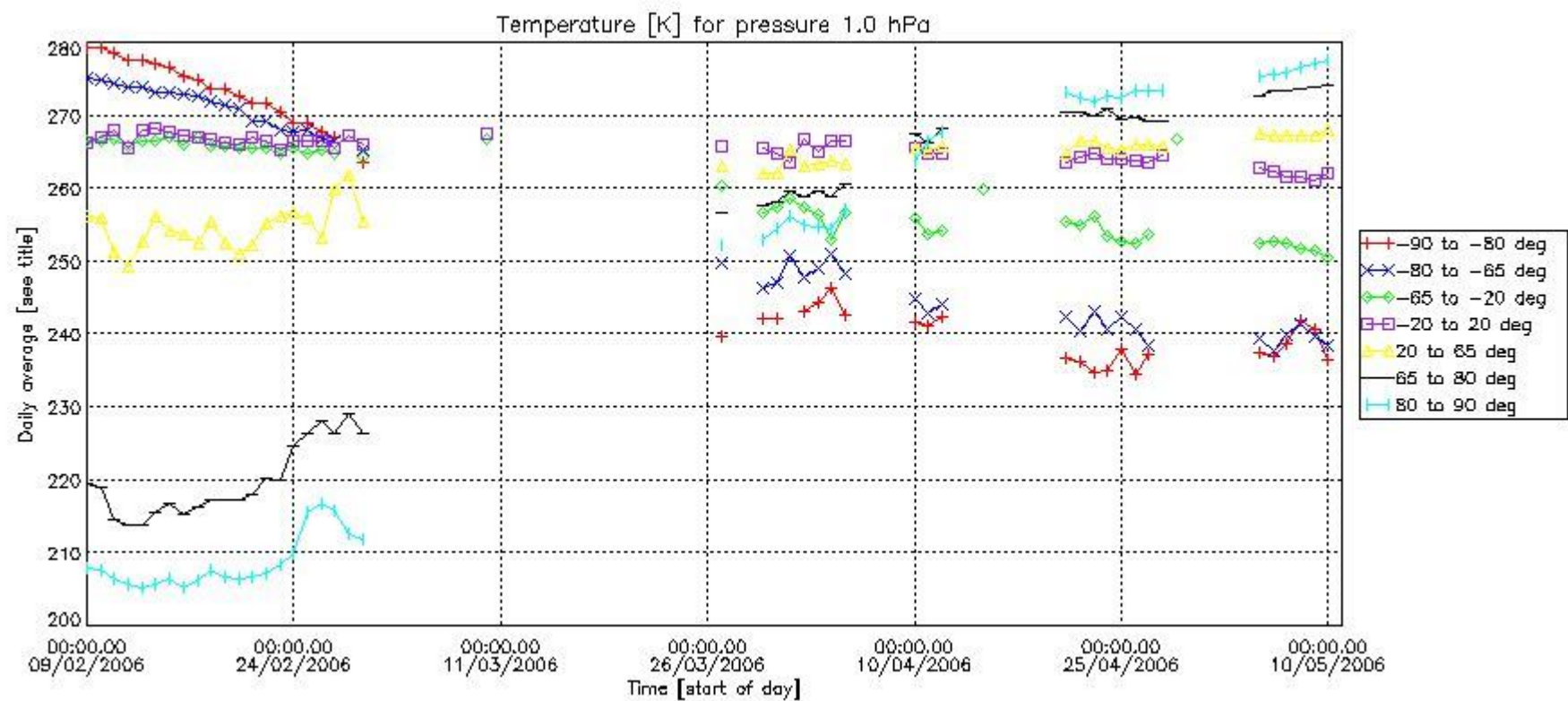
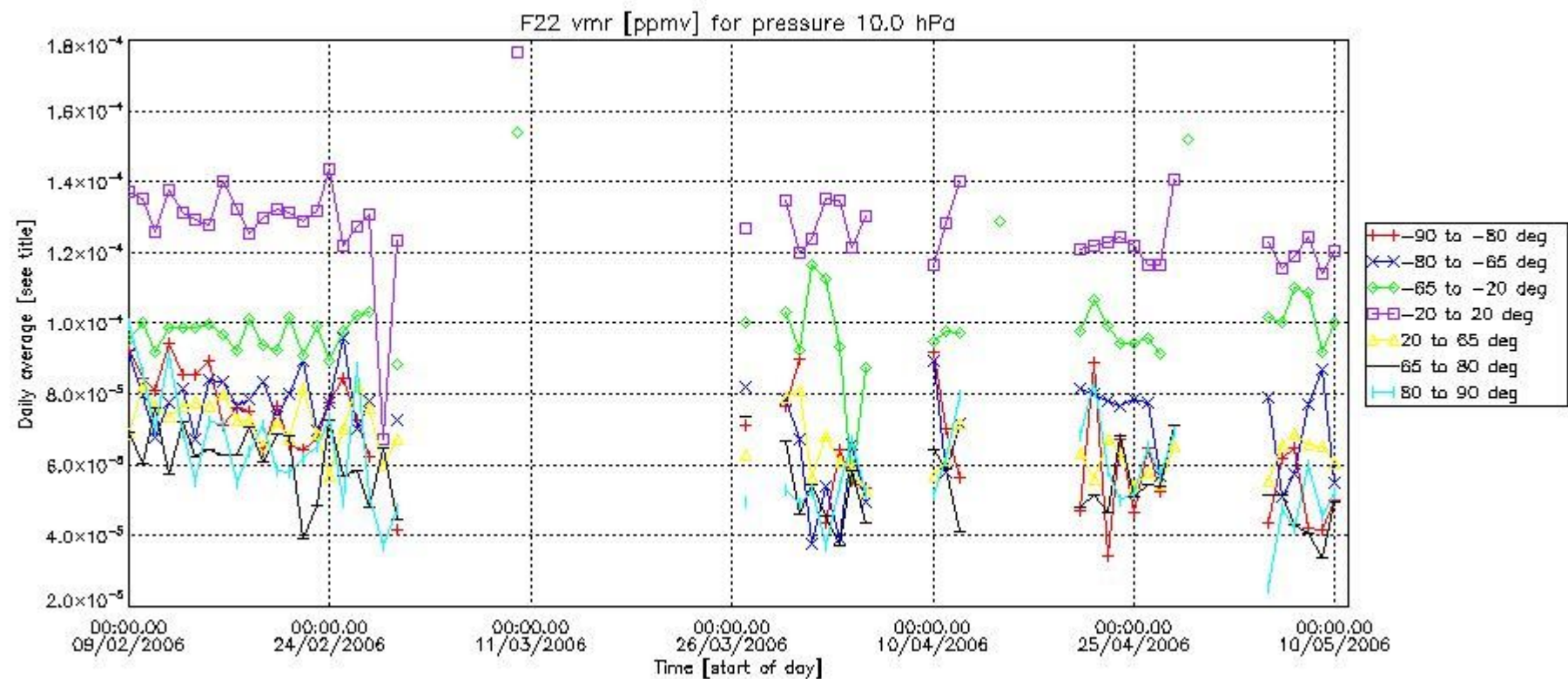


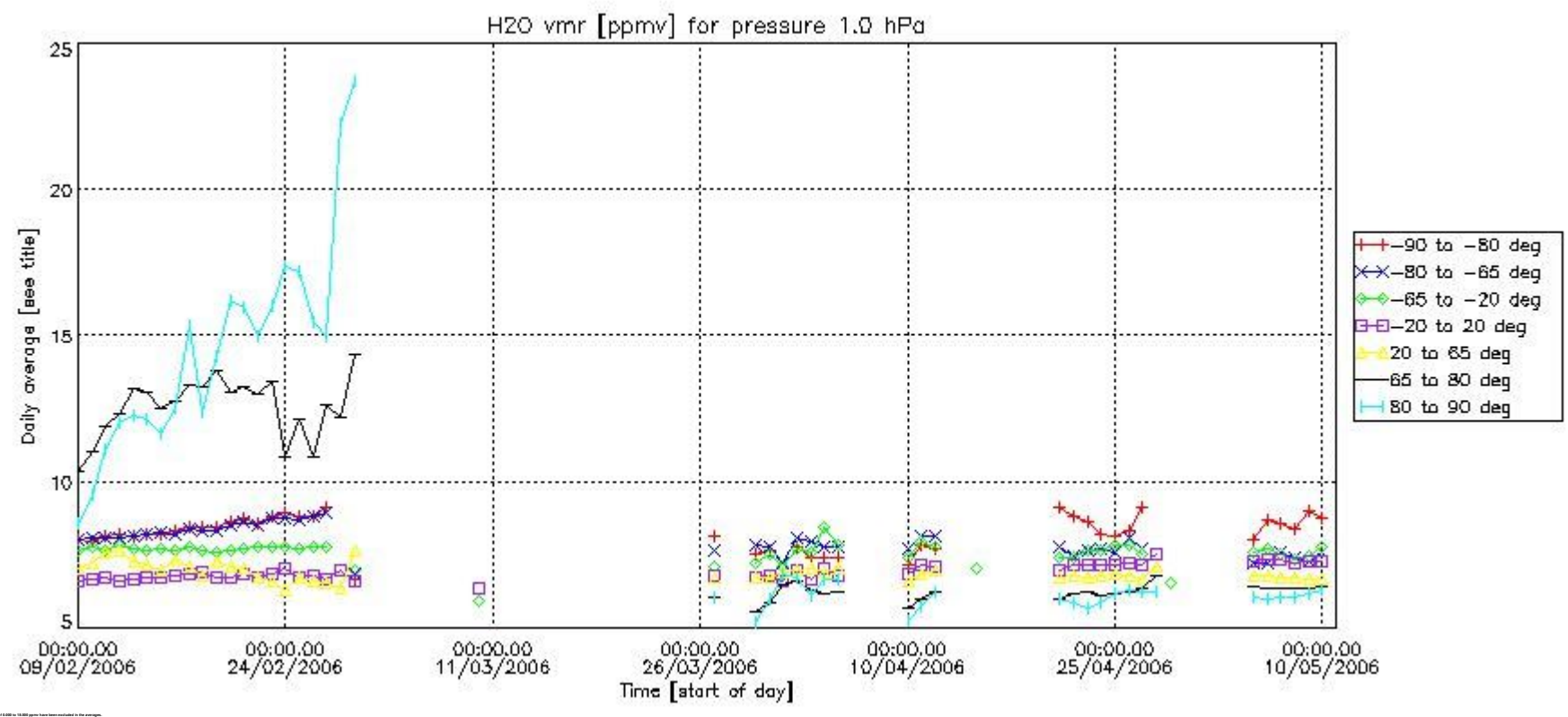
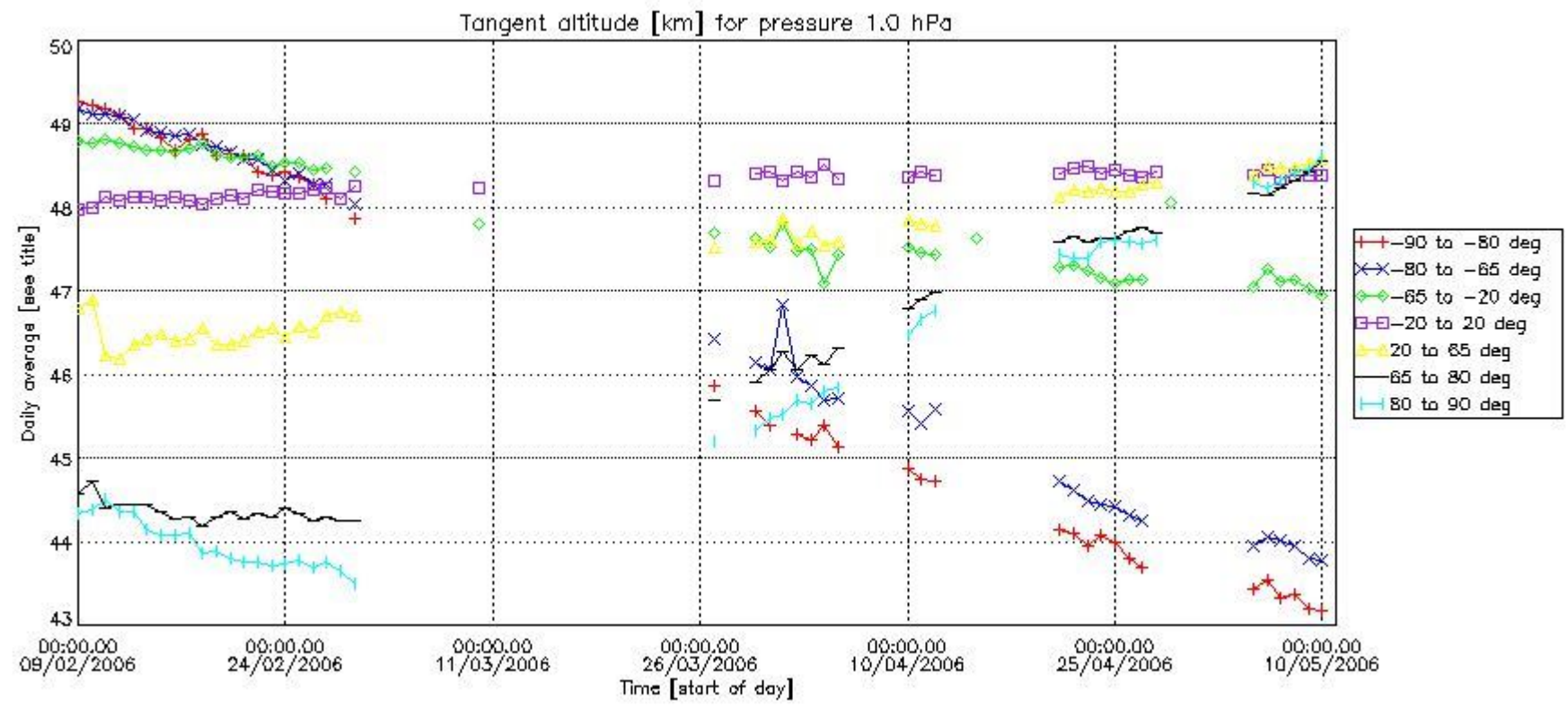


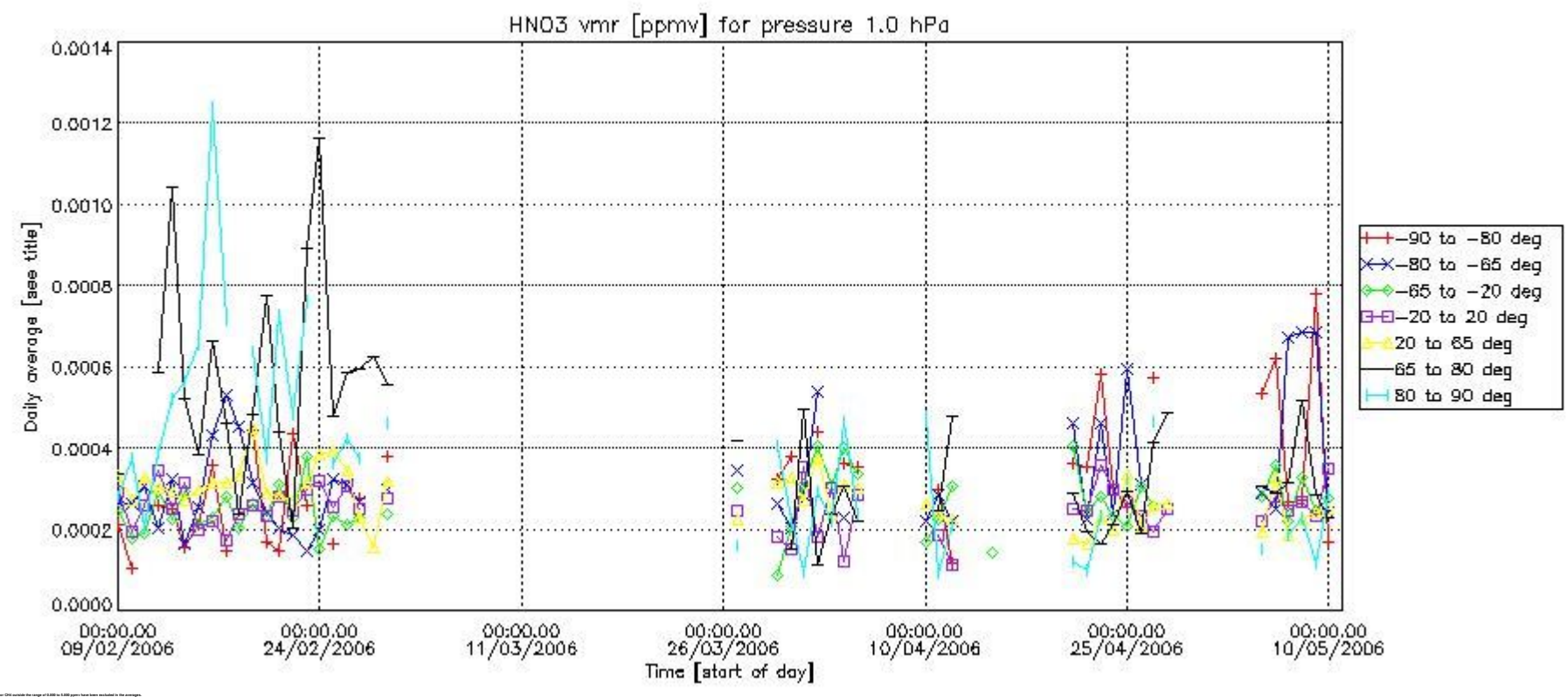
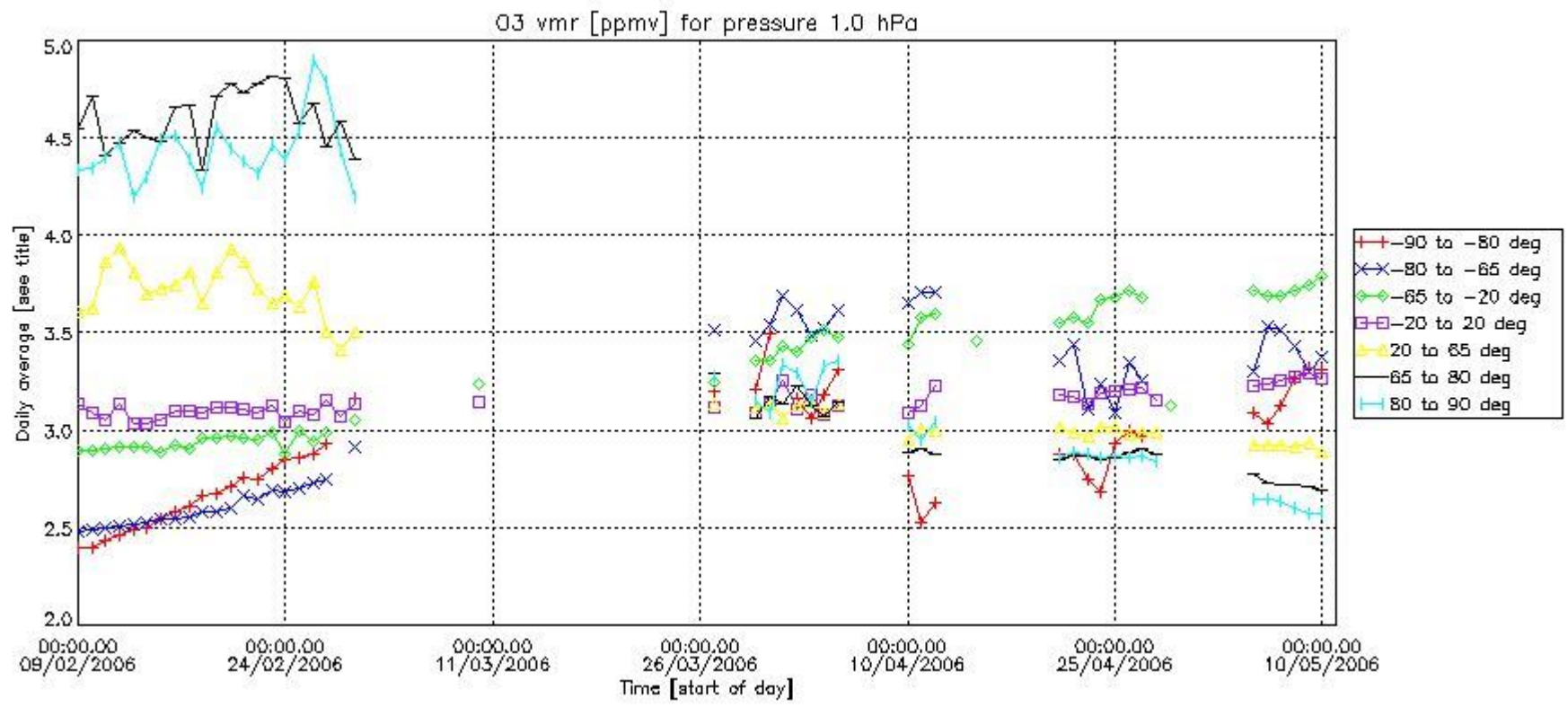


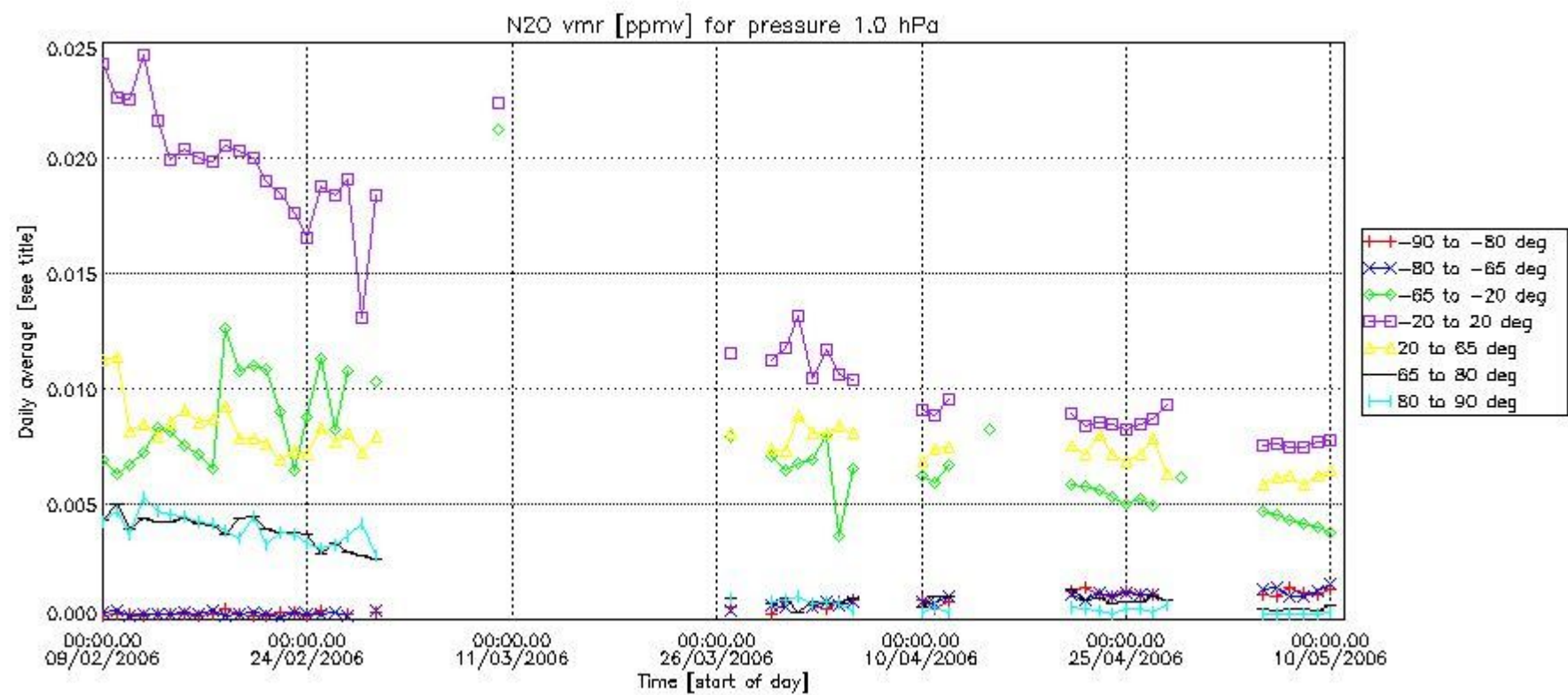
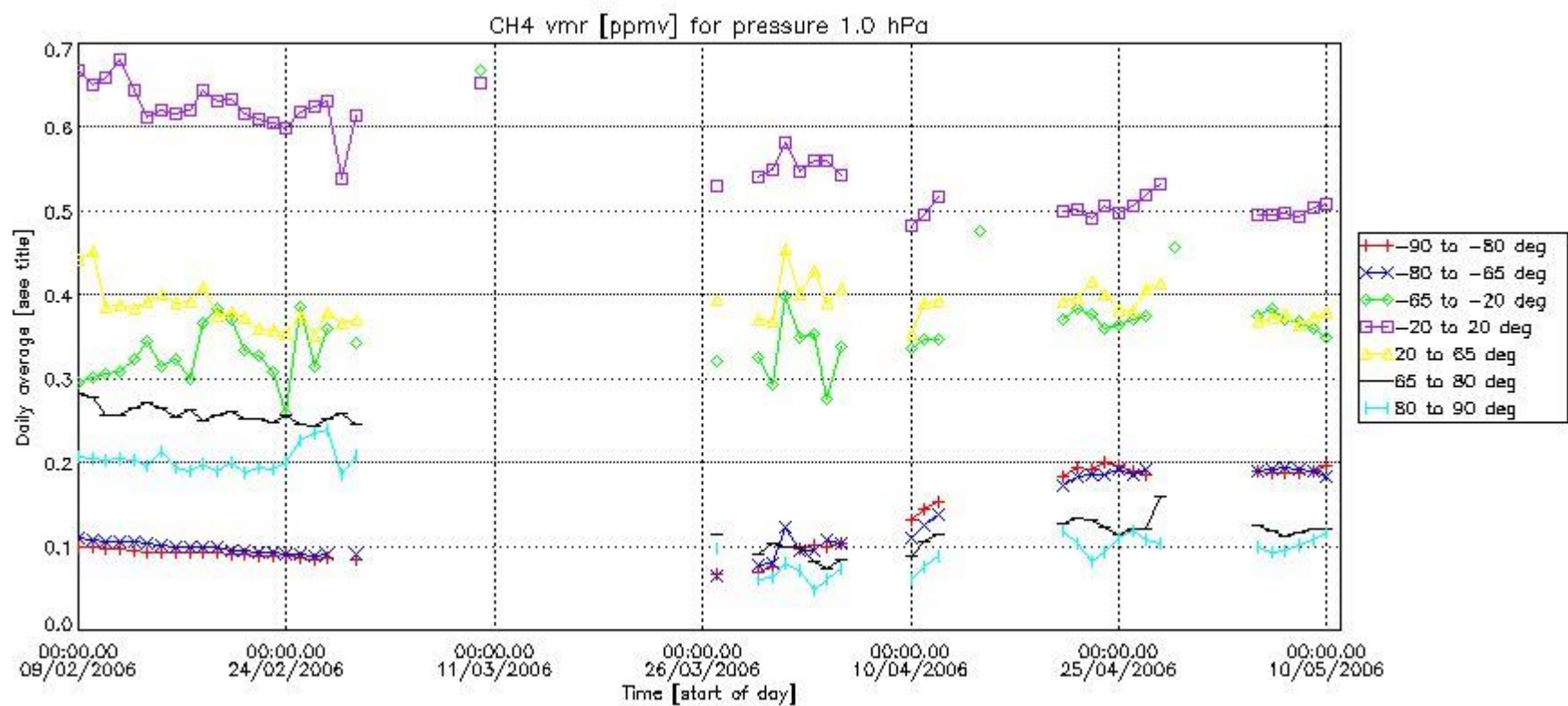


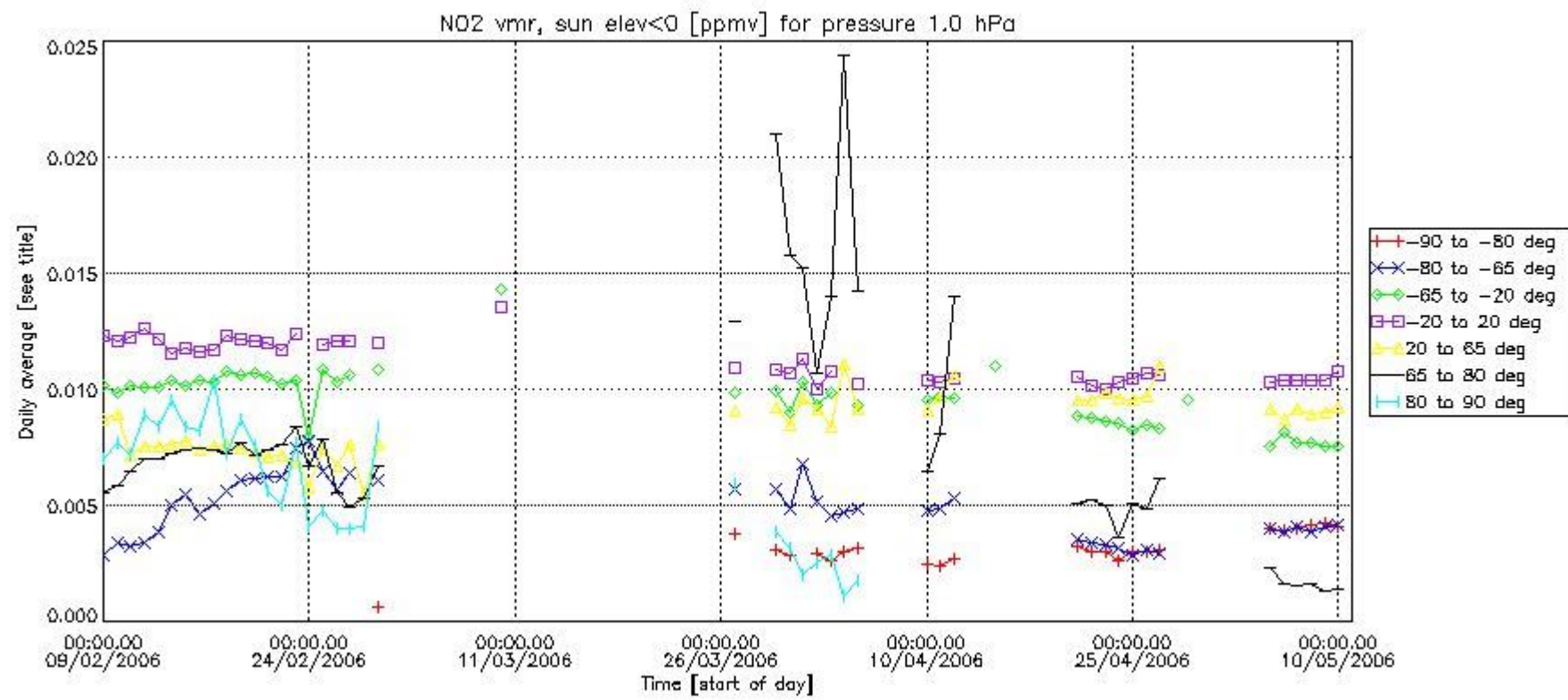
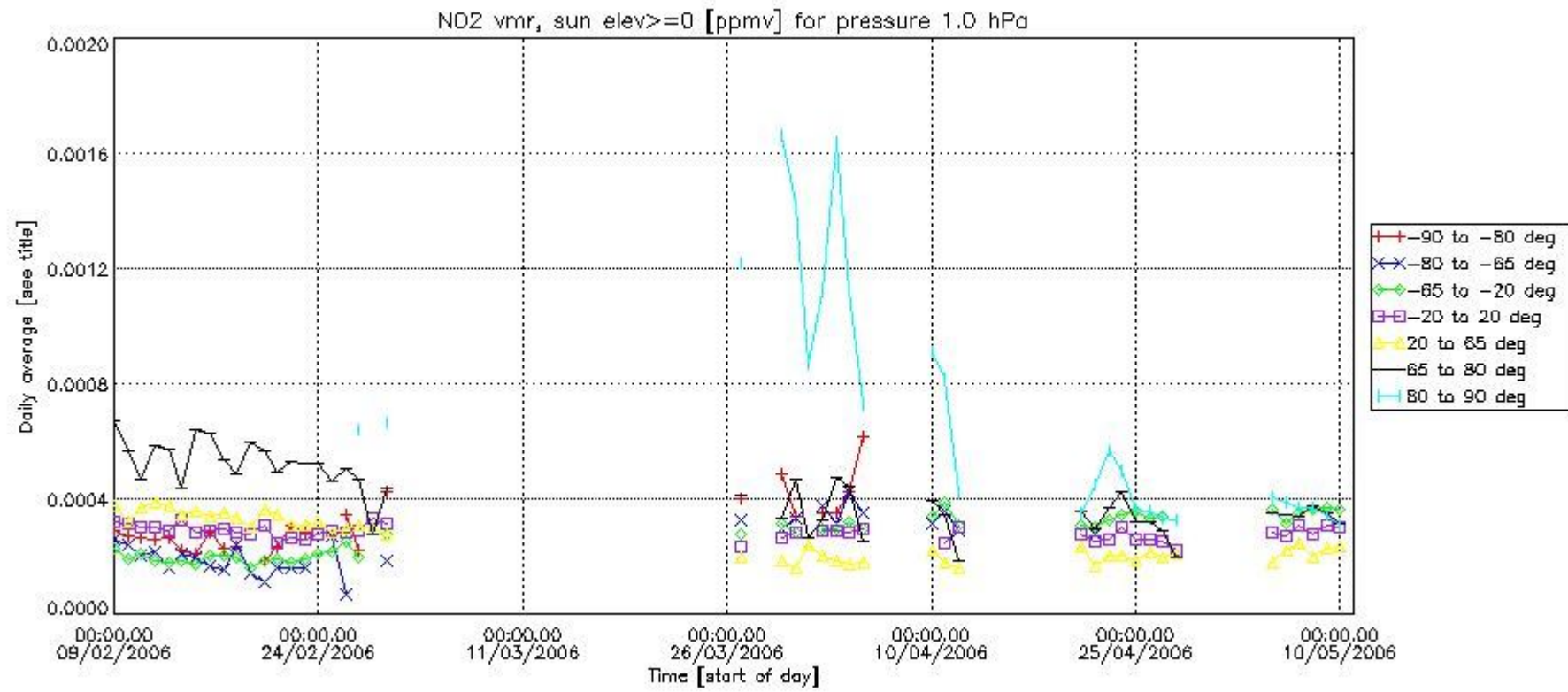




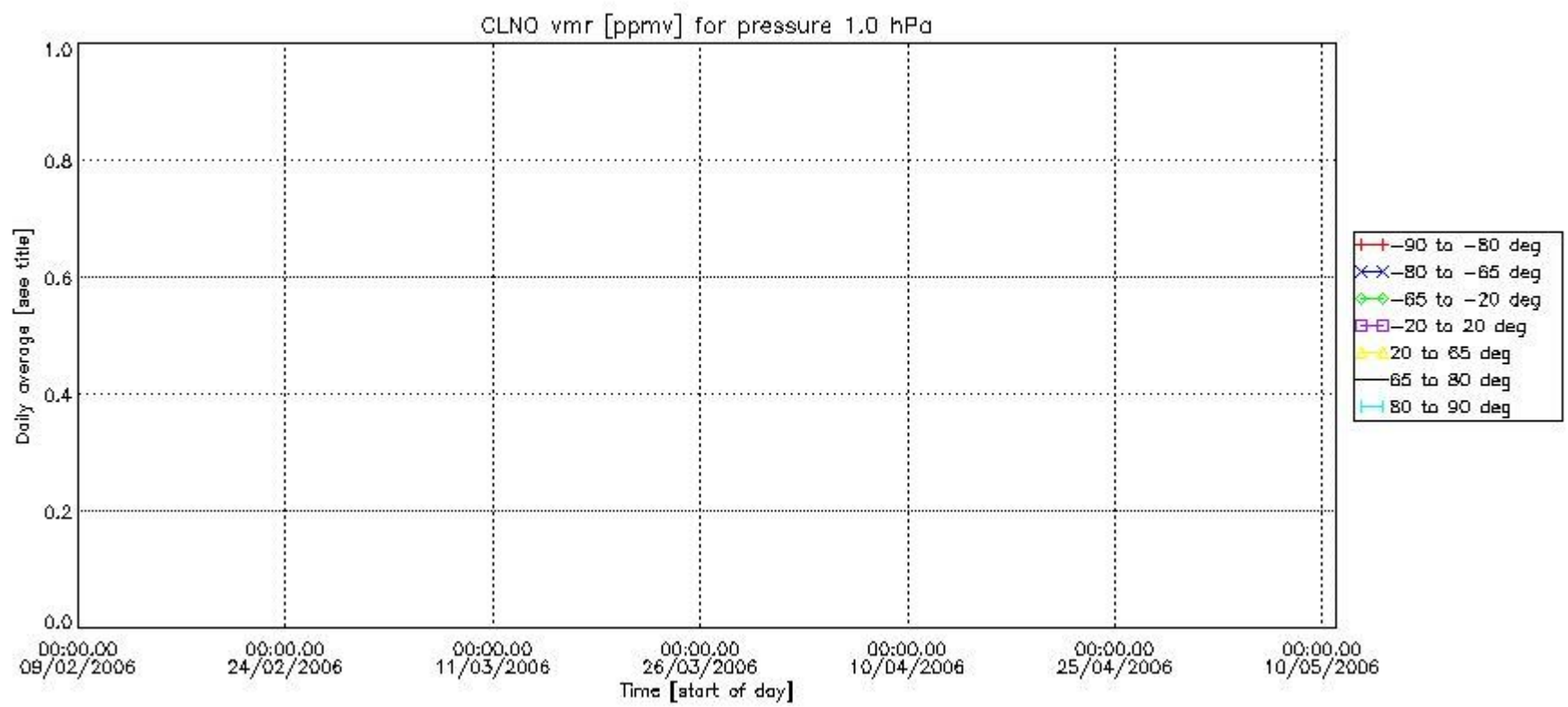
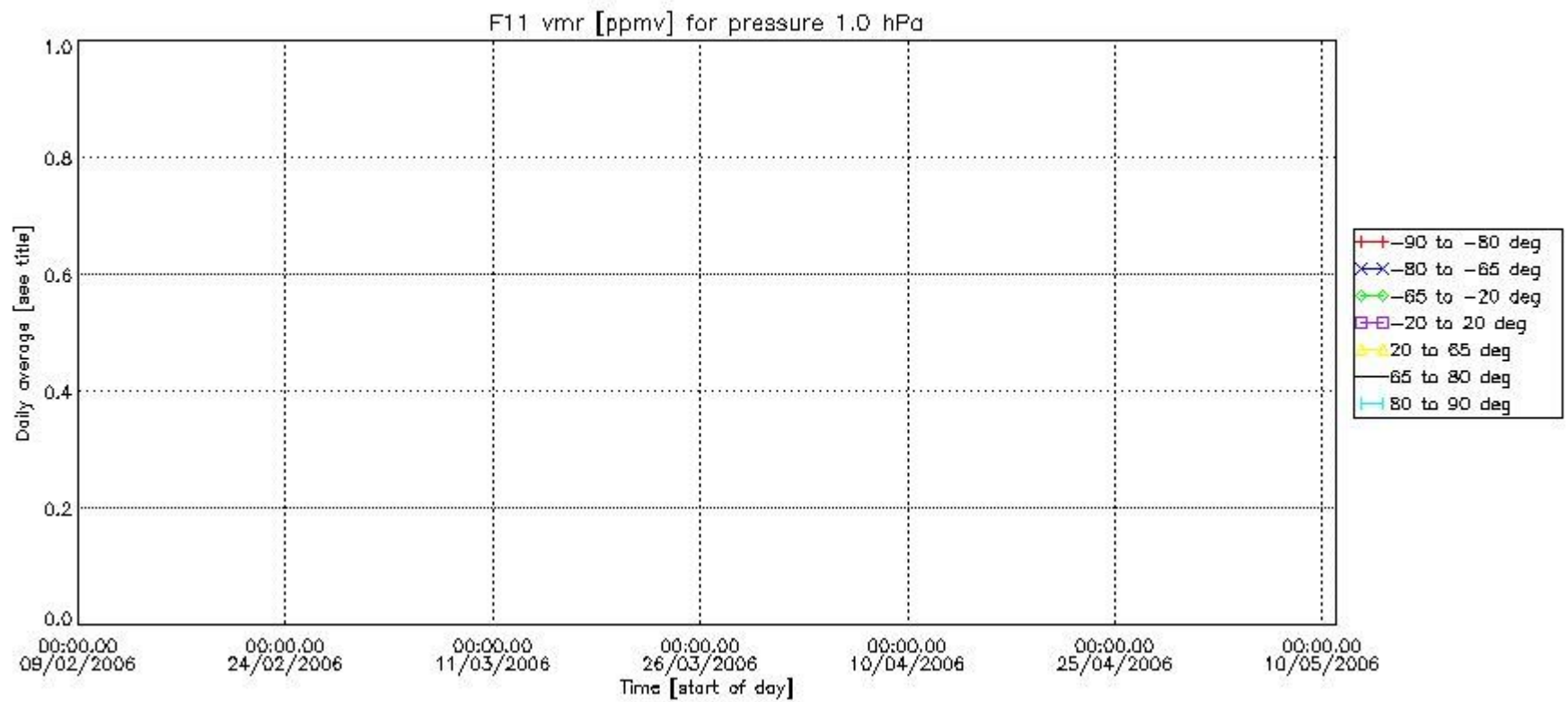


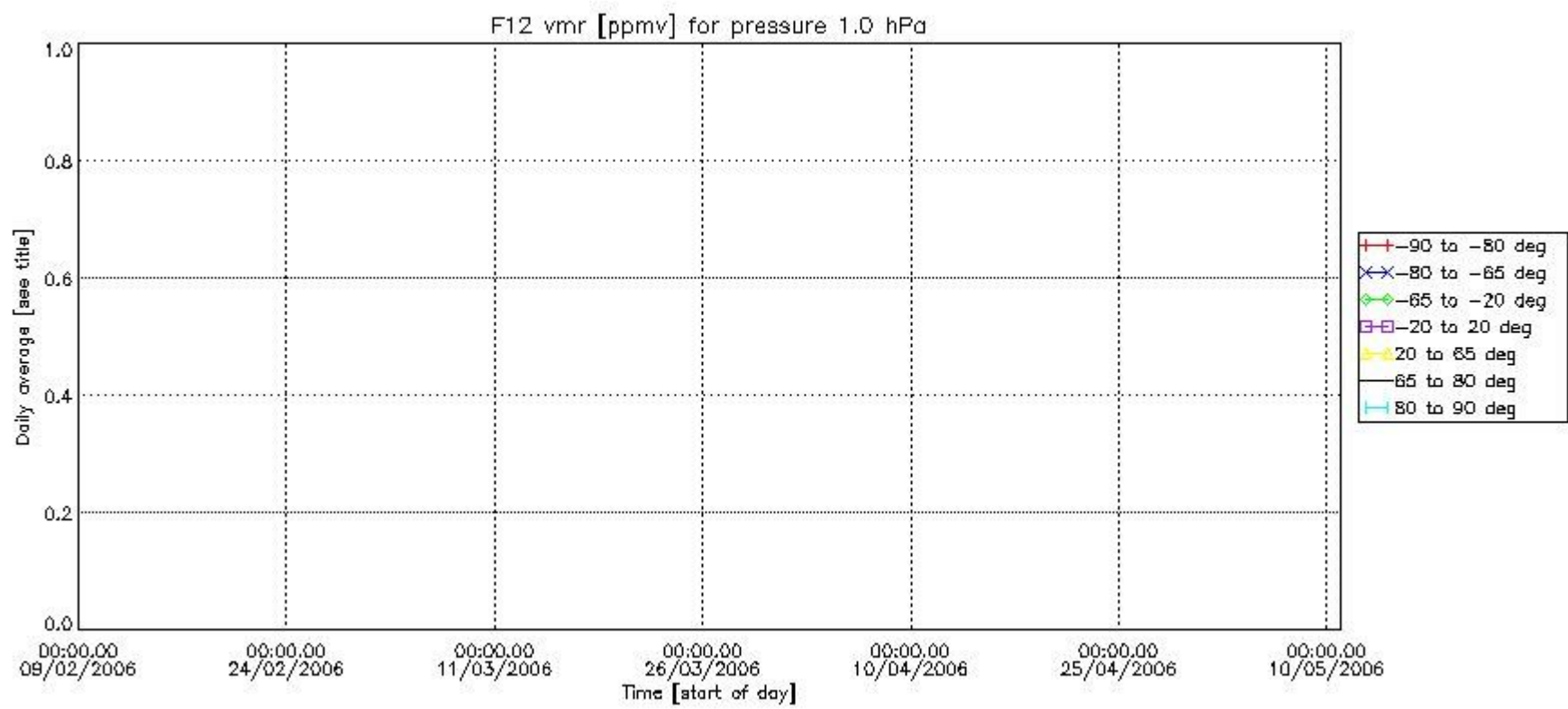
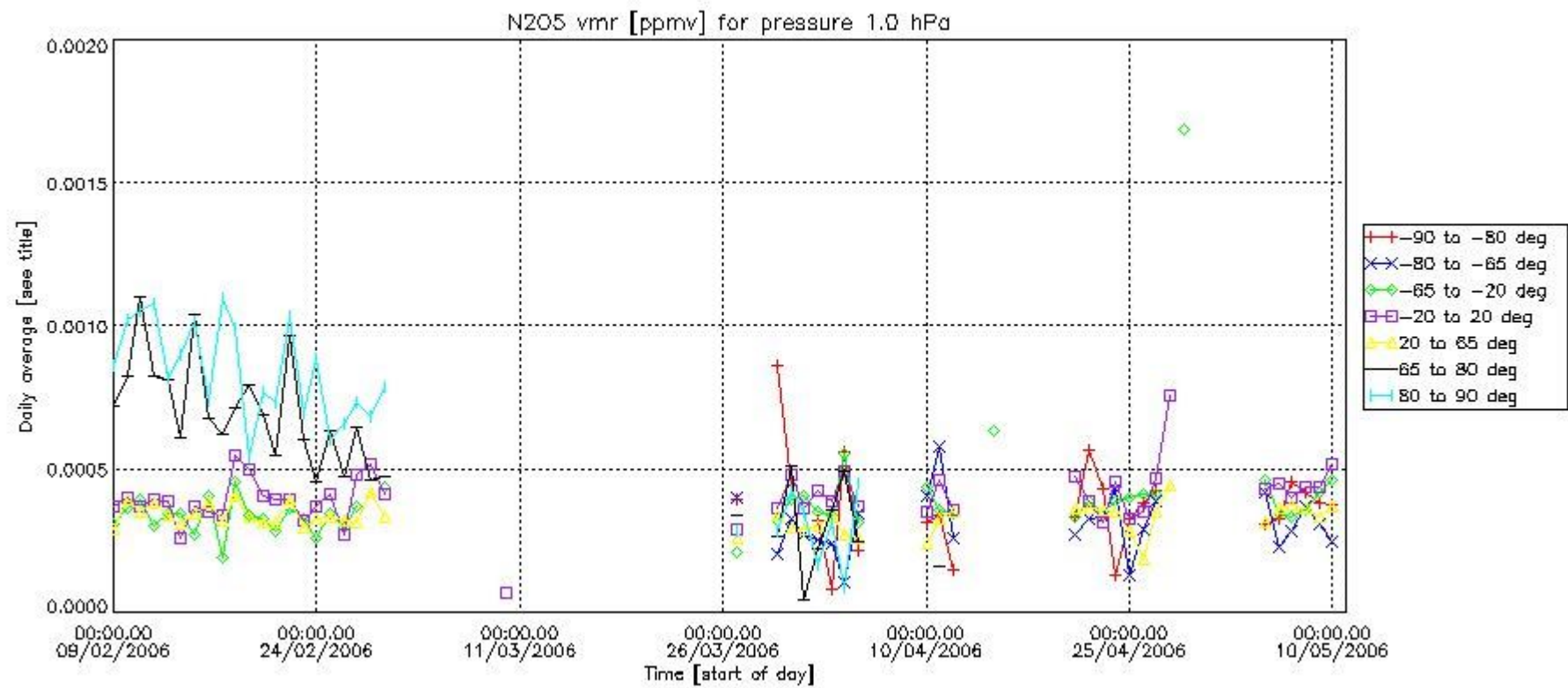


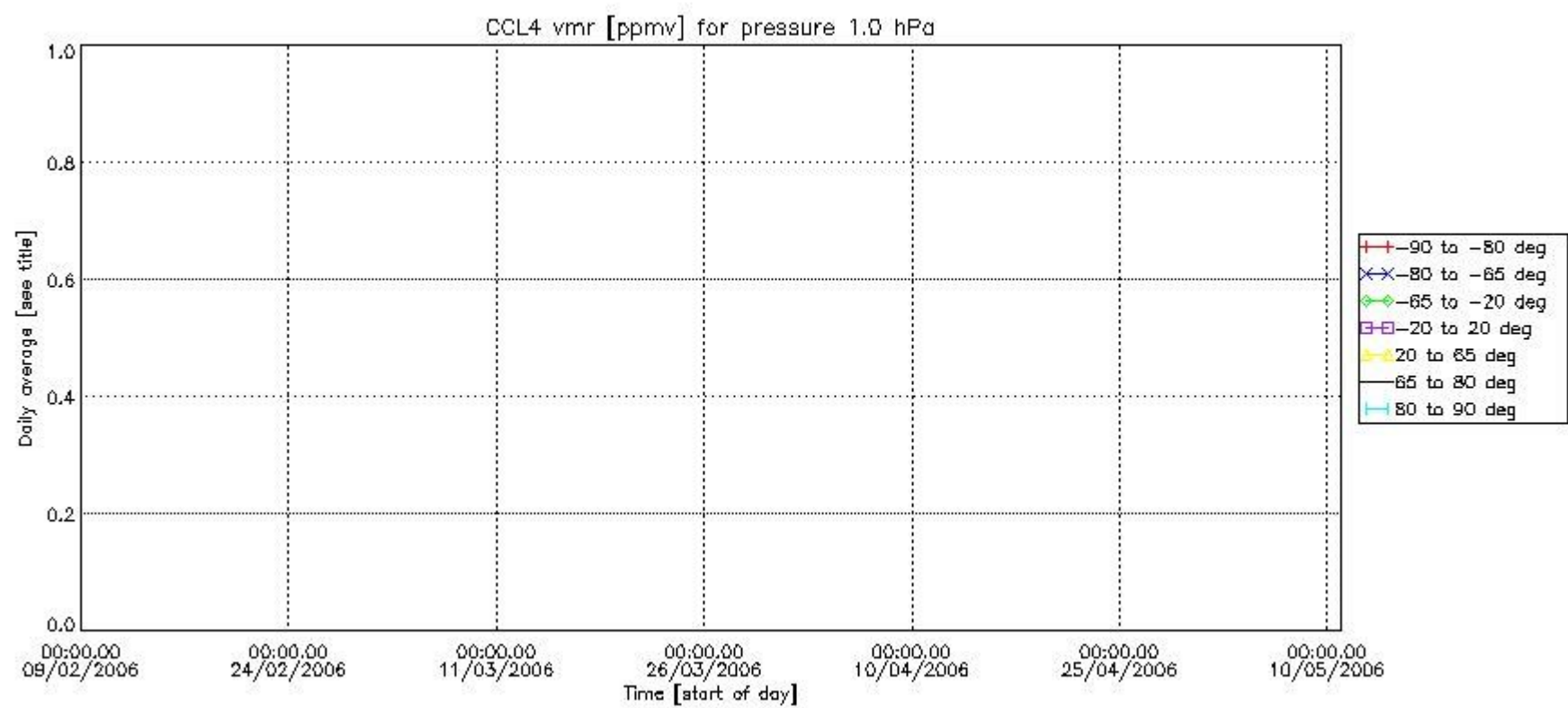
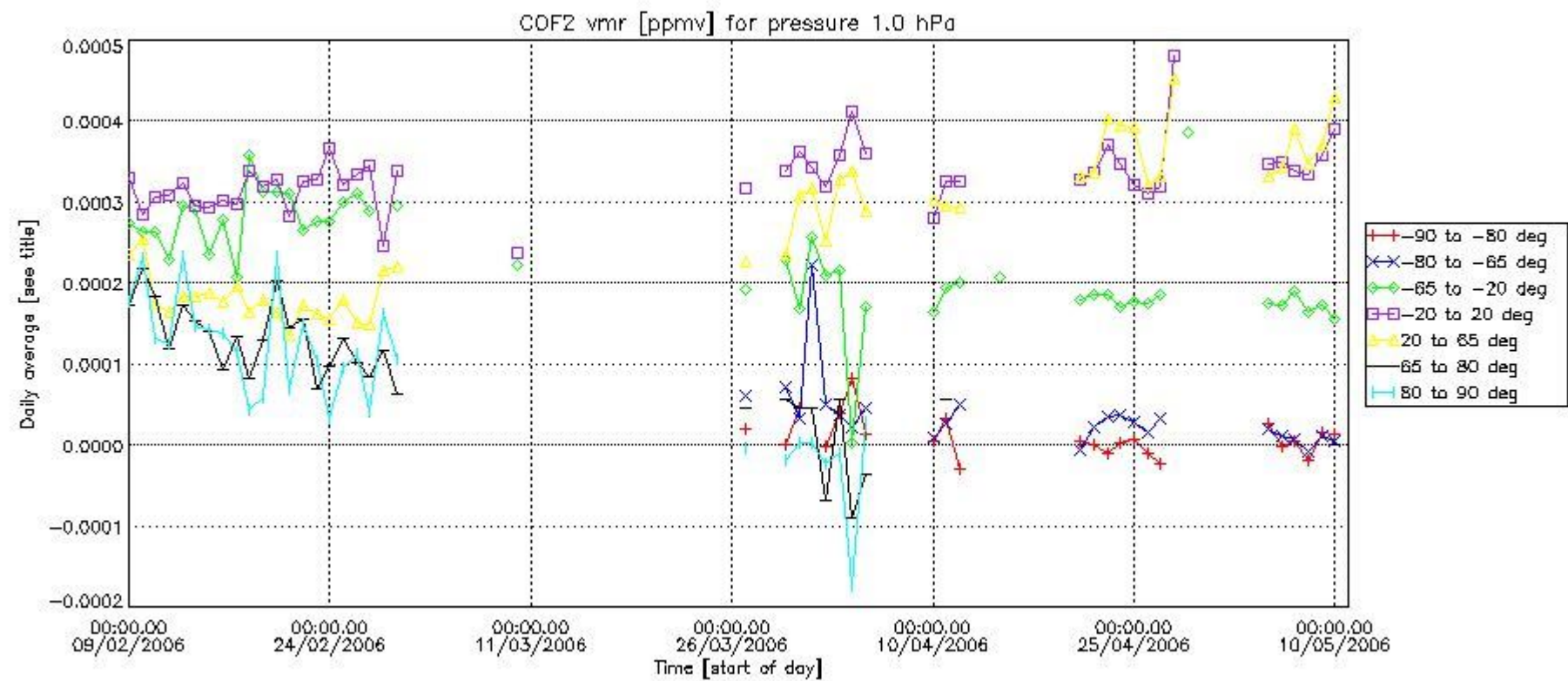


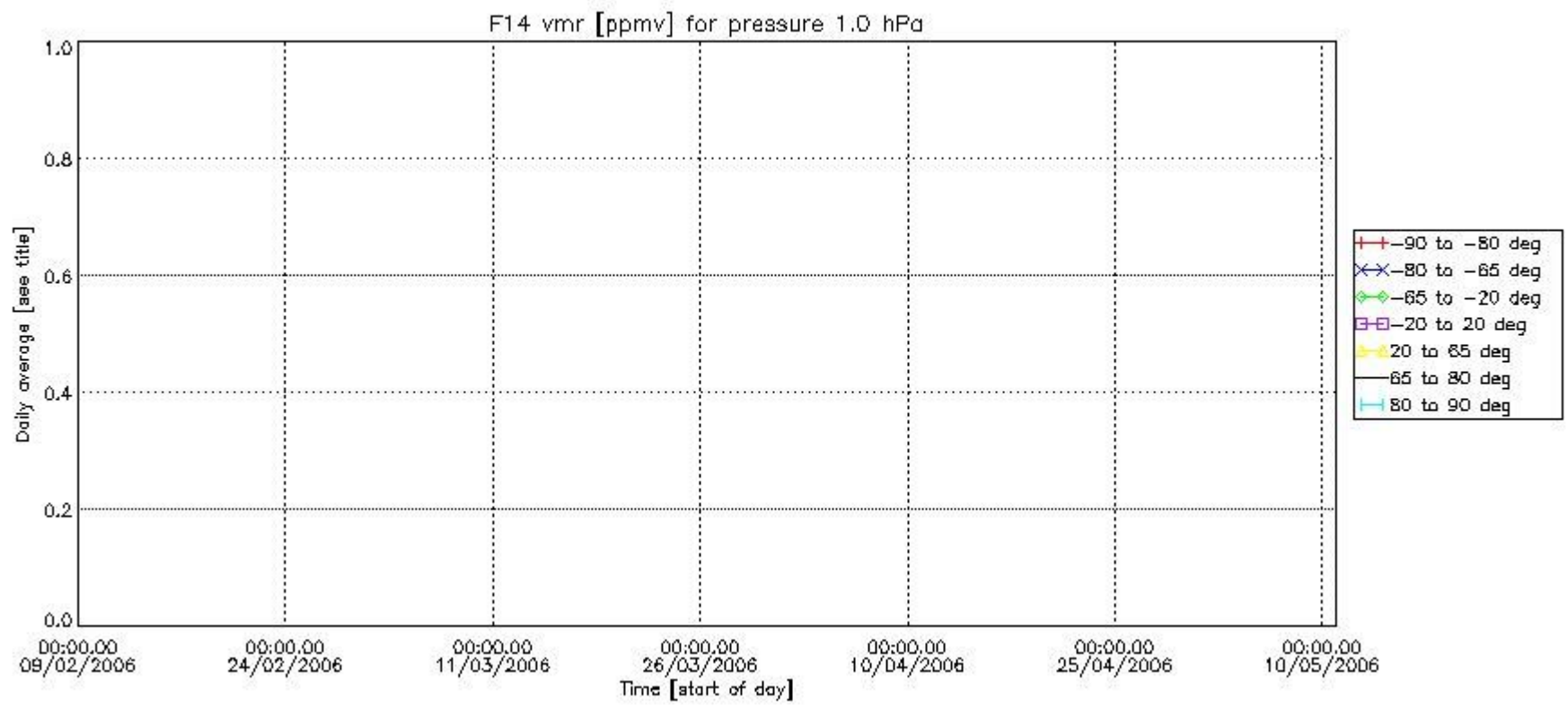
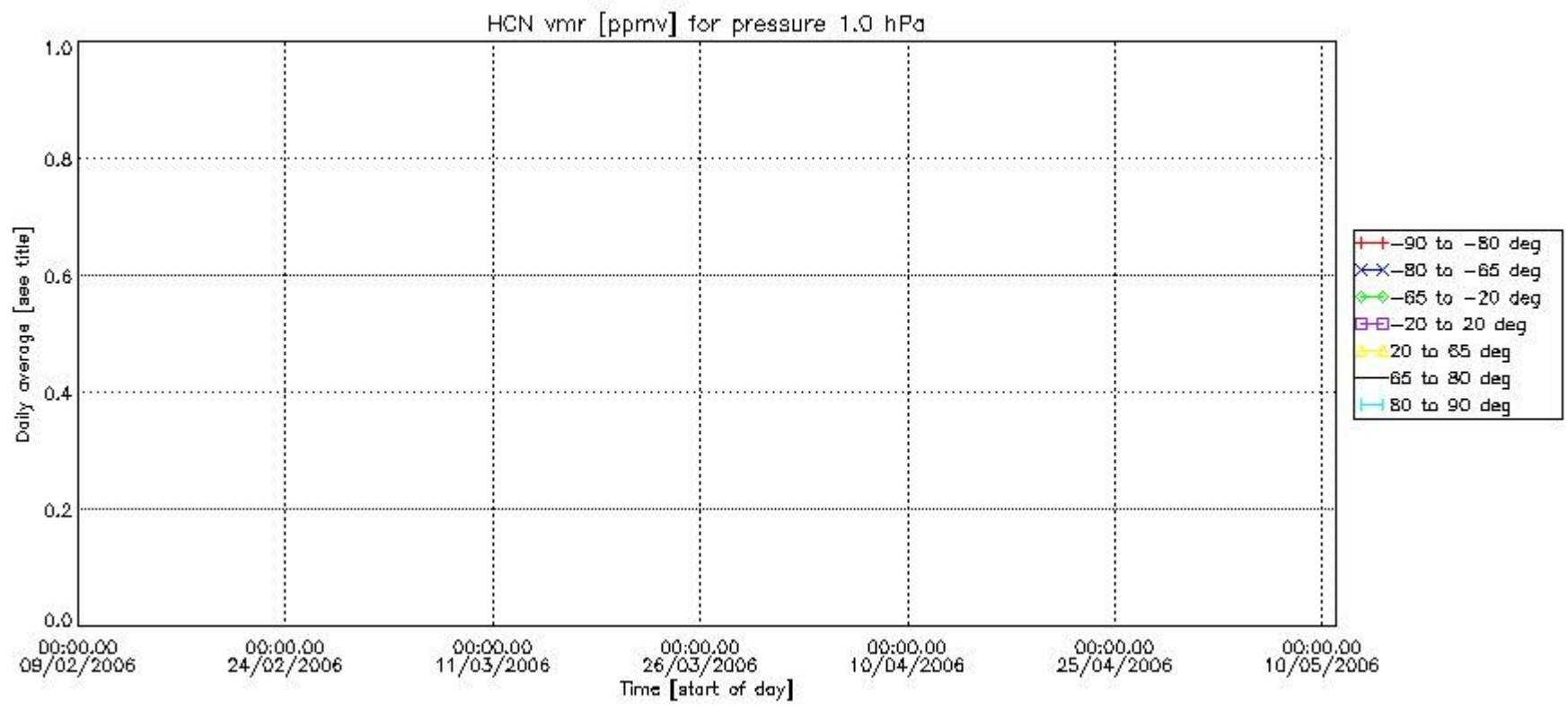


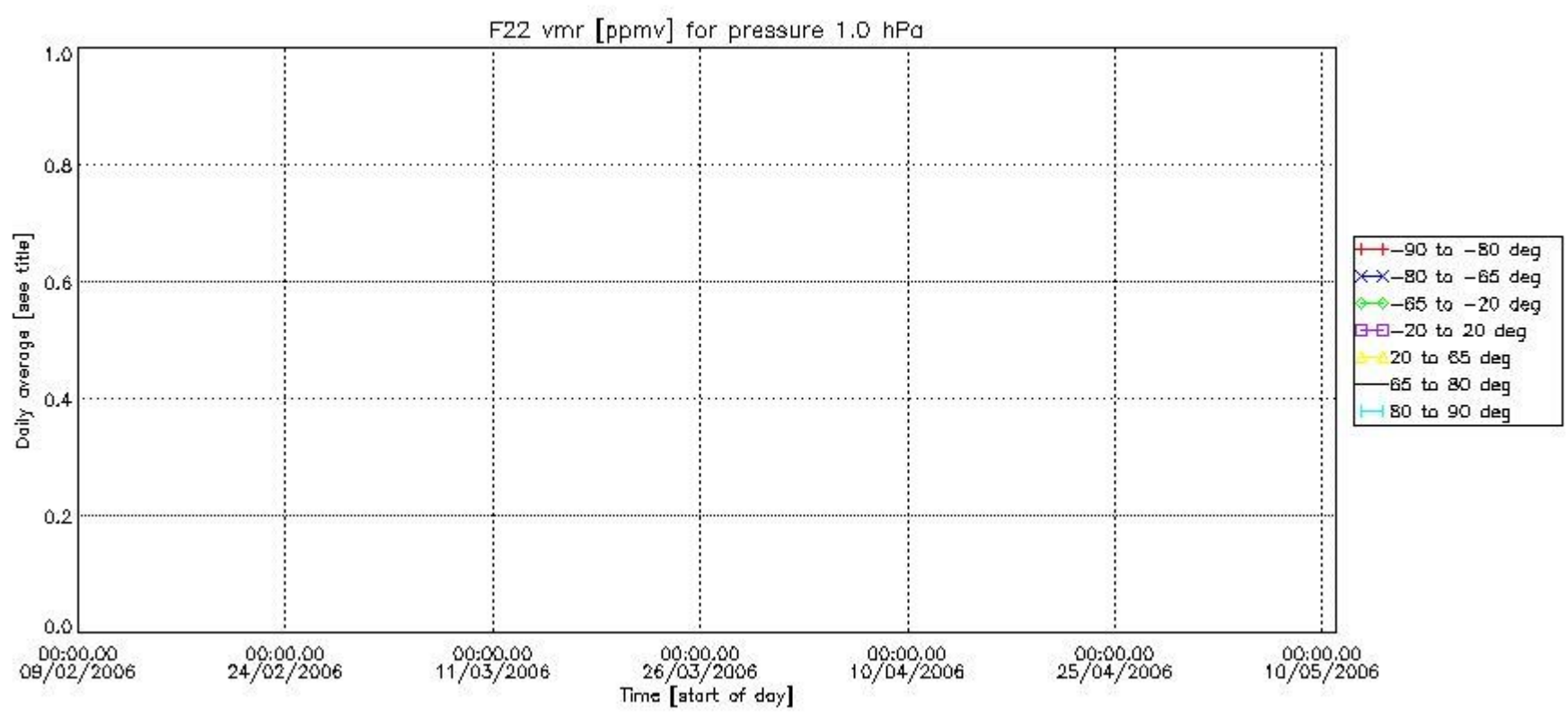












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

