

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060423.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 15:22:56
Data source version	ML2PP/7.03-W
Processing scope for products	23APR2006 00:00:00 to 24APR2006 00:00:00
Start time of first product within scope	23APR2006 05:54:16
Stop time of last product within scope	23APR2006 21:04:45
Total number of level 2 products	6
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__2PWDSI20060423_055416_000042792047_00077_21674_1000.N1	23APR2006 05:54:16	23APR2006 07:05:35	0	90/90	VMR_TERM_MACRO_MICRO[HCN/micro:1]
1	MIP_NL__2PWDSI20060423_070625_000060302047_00078_21675_1000.N1	23APR2006 07:06:25	23APR2006 08:46:55	0	106/106	VMR_TERM_MACRO_MICRO[HCN/micro:1]
2	MIP_NL__2PWDSI20060423_084701_000020122047_00079_21676_1000.N1	23APR2006 08:47:01	23APR2006 09:20:34	0	44/44	
3	MIP_NL__2PWDSI20060423_173827_000042802047_00084_21681_1000.N1	23APR2006 17:38:27	23APR2006 18:49:47	0	90/90	VMR_TERM_MACRO_MICRO[HCN/micro:2; F14/micro:1]
4	MIP_NL__2PWDSI20060423_185037_000009012047_00085_21682_1000.N1	23APR2006 18:50:37	23APR2006 19:05:38	0	20/20	
5	MIP_NL__2PWDSI20060423_204704_000010622047_00086_21683_1000.N1	23APR2006 20:47:04	23APR2006 21:04:45	0	23/23	VMR_TERM_MACRO_MICRO[HCN/macro:1]

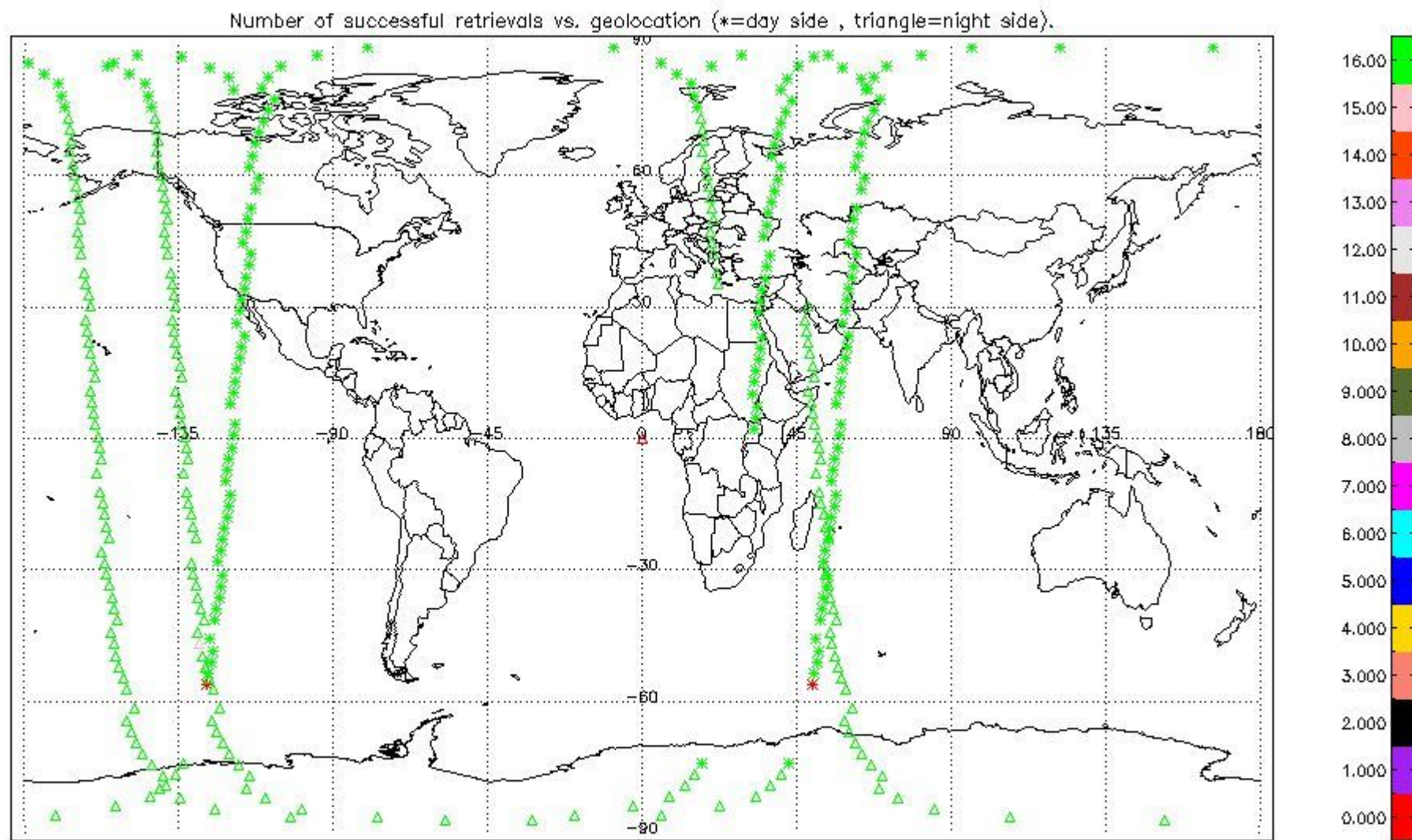
## 2.2 Processing performance indicators

### 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.

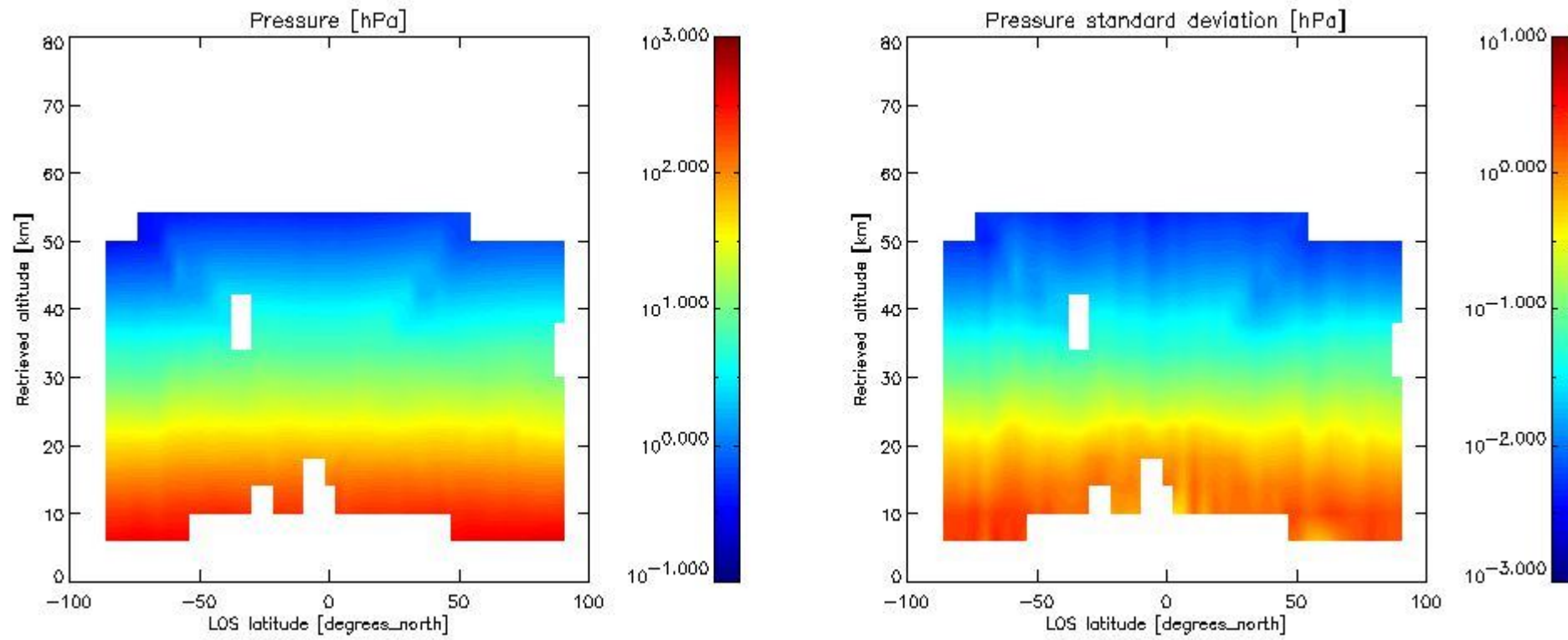
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	373	369	98.928
H2O	373	369	98.928
O3	373	369	98.928
HNO3	373	369	98.928

CH4	373	369	98.928
N2O	373	369	98.928
NO2	373	369	98.928
F11	373	369	98.928
CLNO	373	369	98.928
N2O5	373	369	98.928
F12	373	368	98.660
COF2	373	369	98.928
CCL4	373	369	98.928
HCN	373	369	98.928
F14	373	369	98.928
F22	373	369	98.928



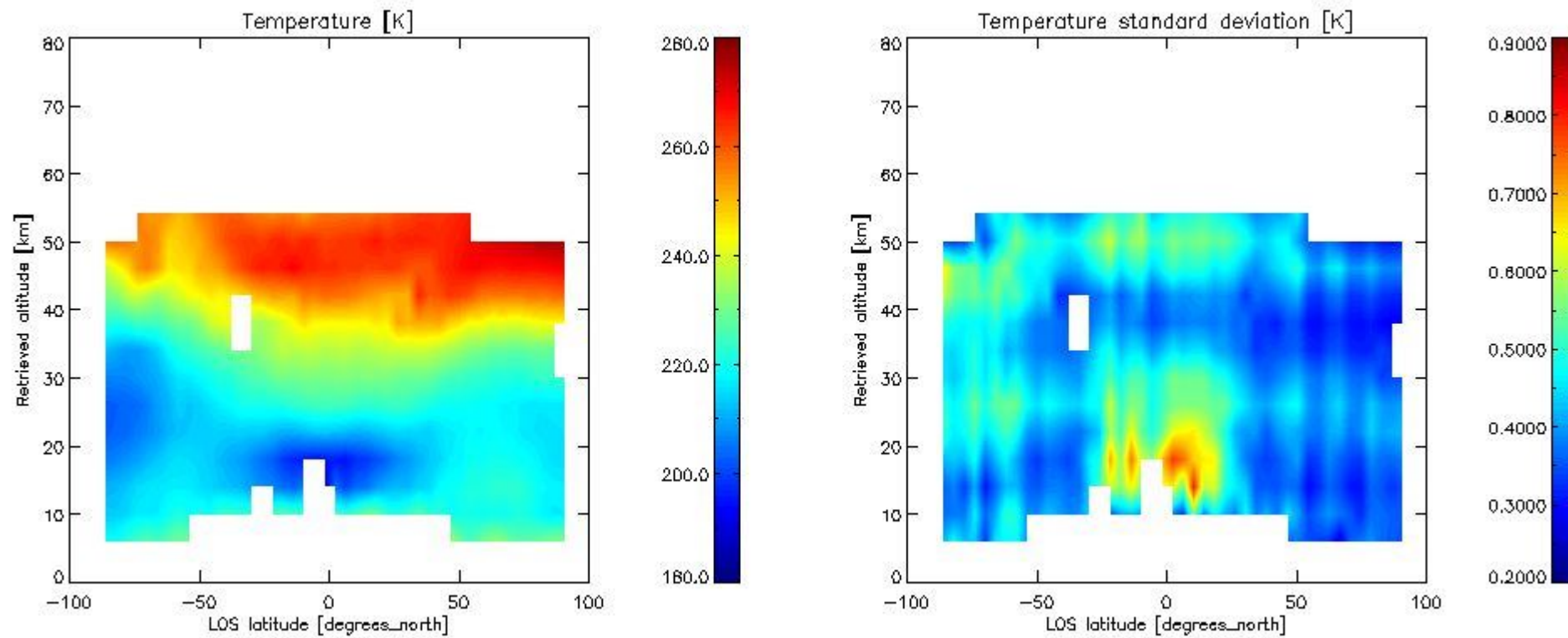
## 2.2.2 Pressure overview

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

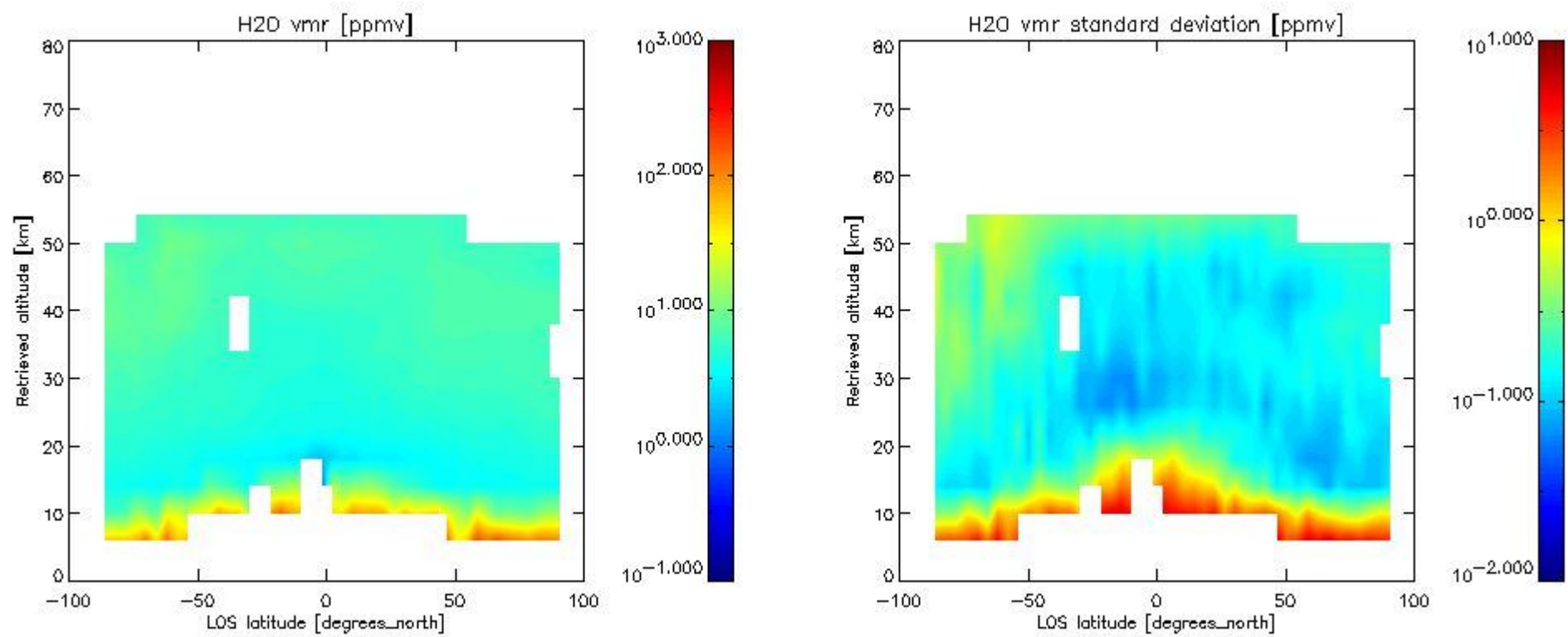
This section shows values (left) and error (right) for temperature after binning individual sweep values over retrieved altitude and tangent latitude.



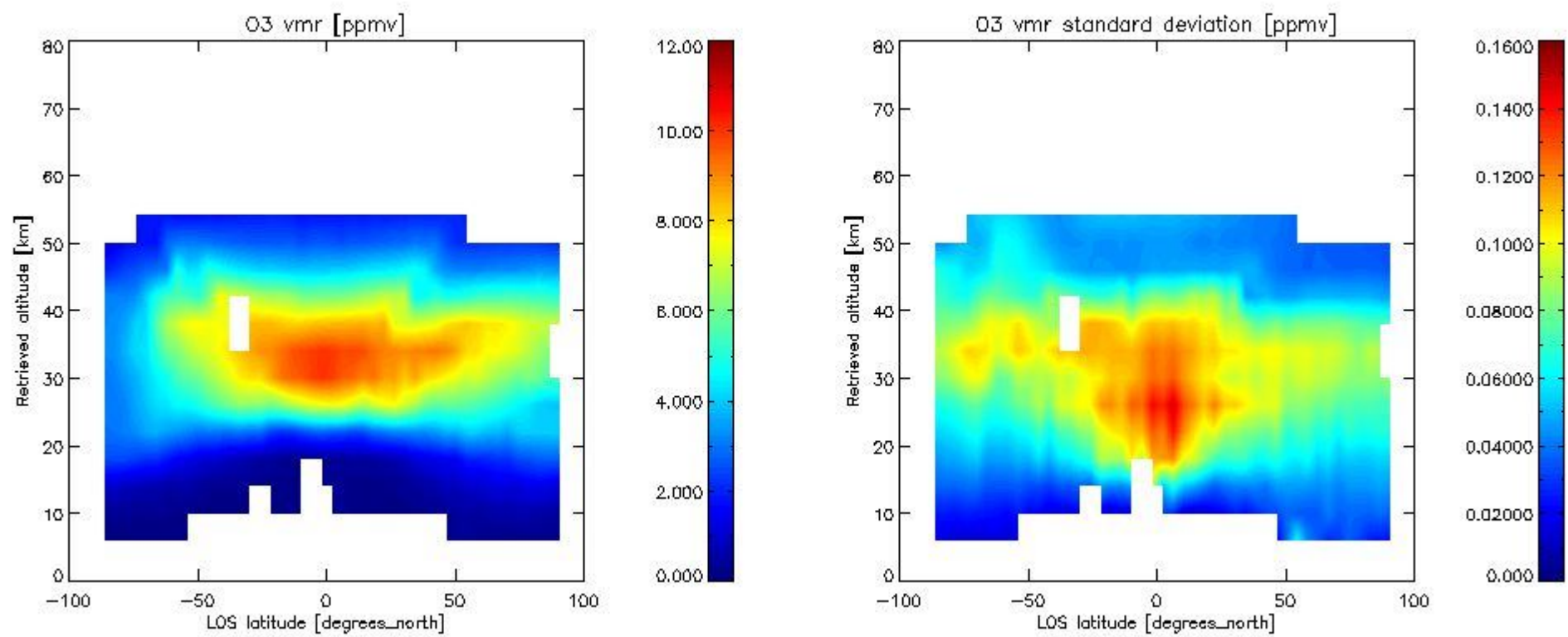
### 2.2.4 Species overview

**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.

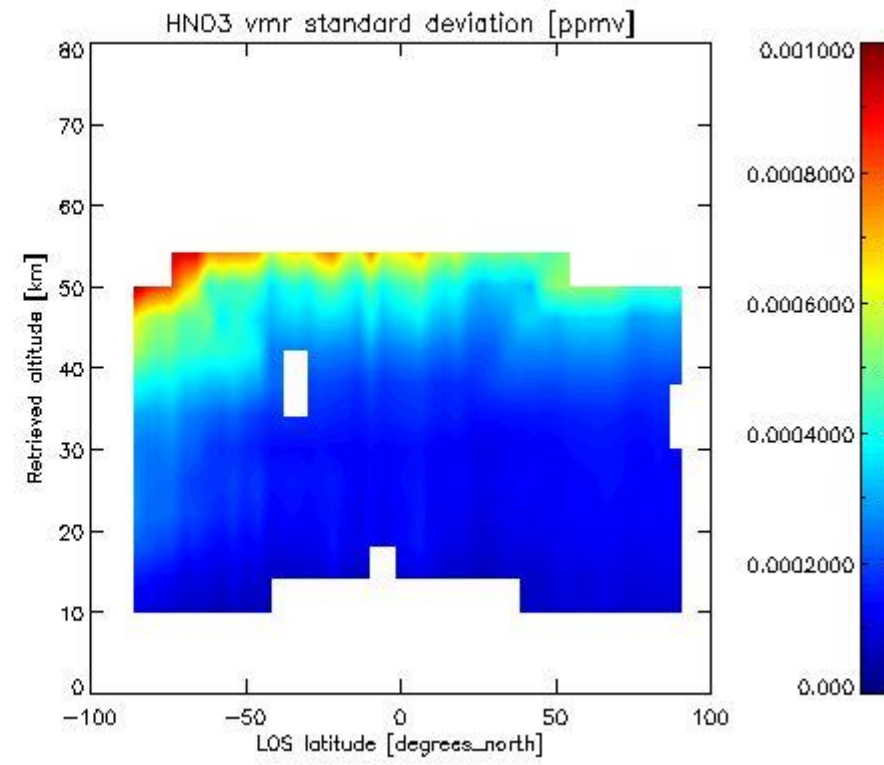
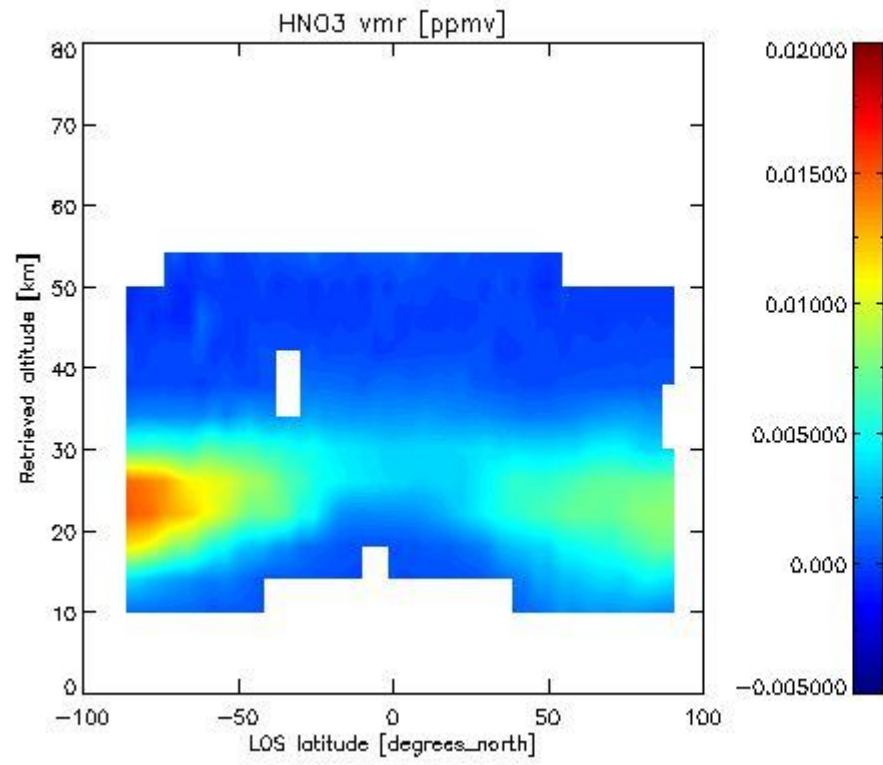




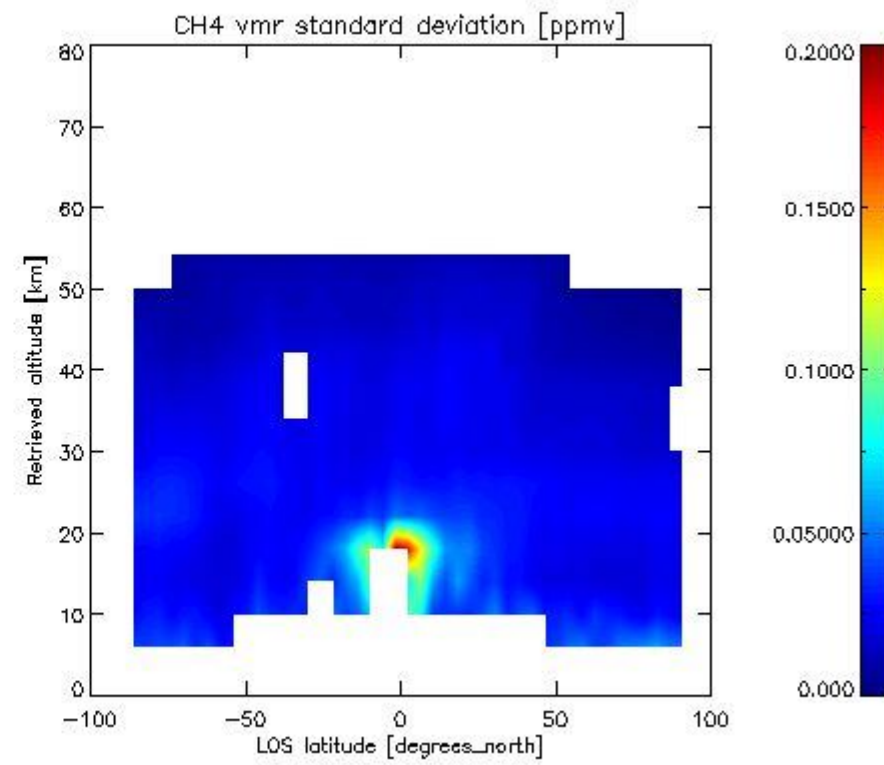
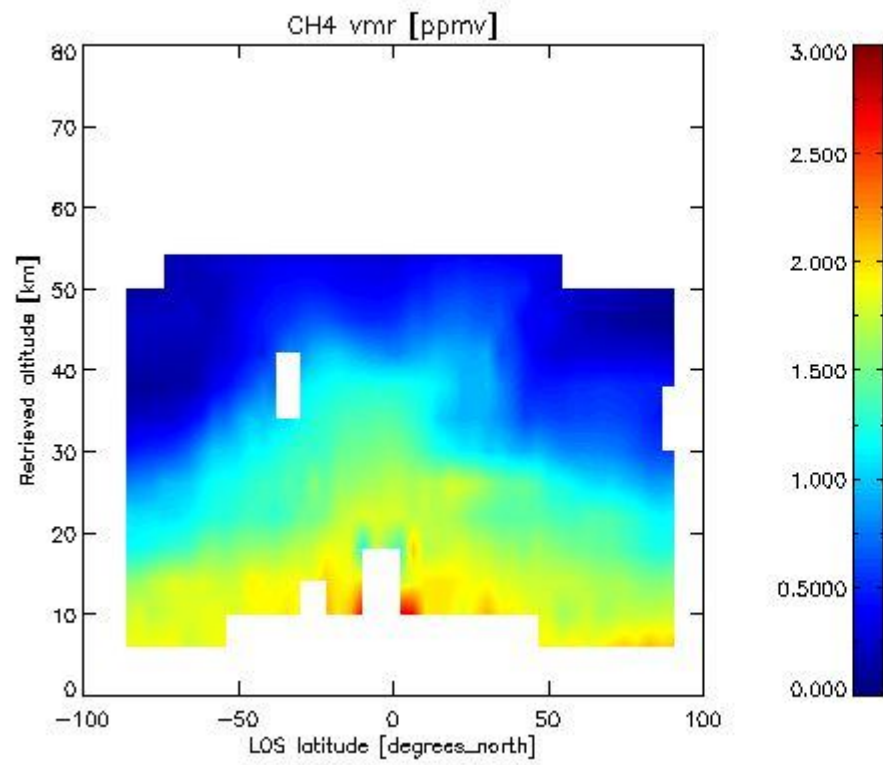
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



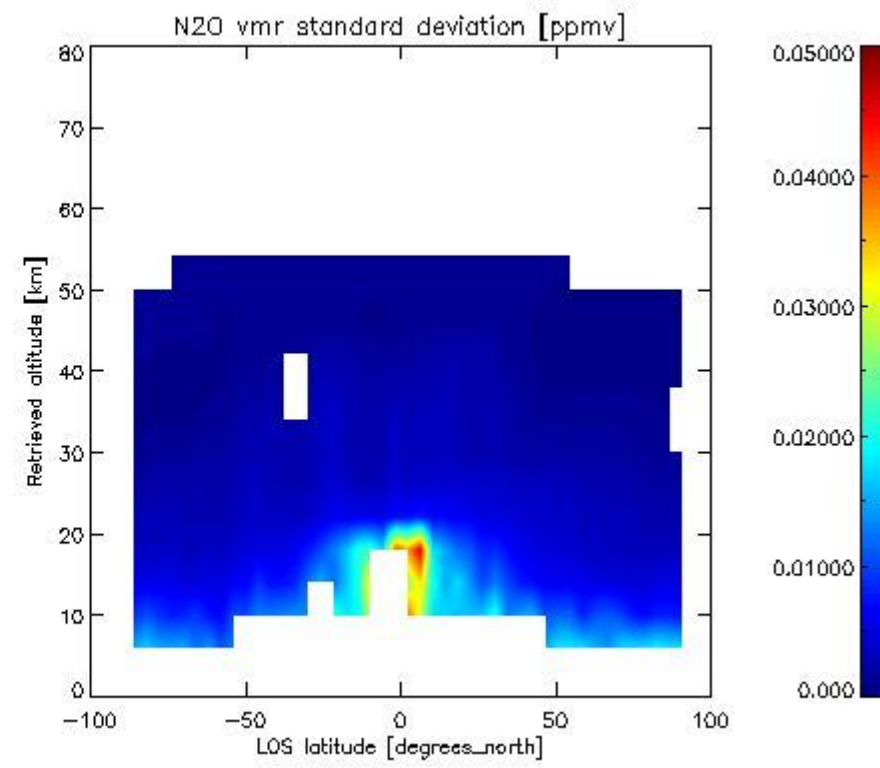
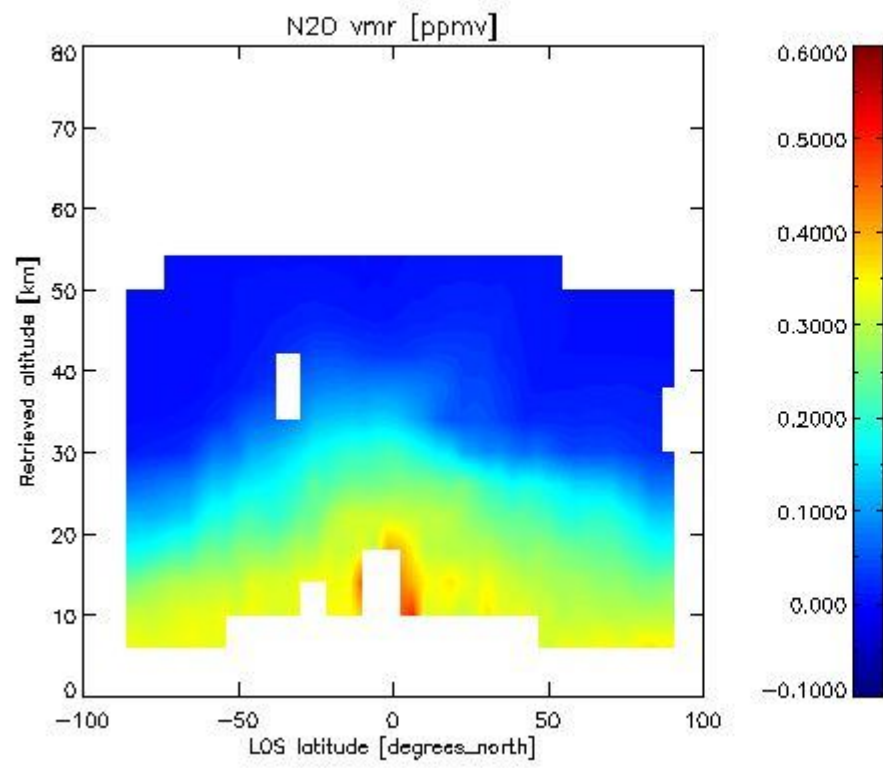
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



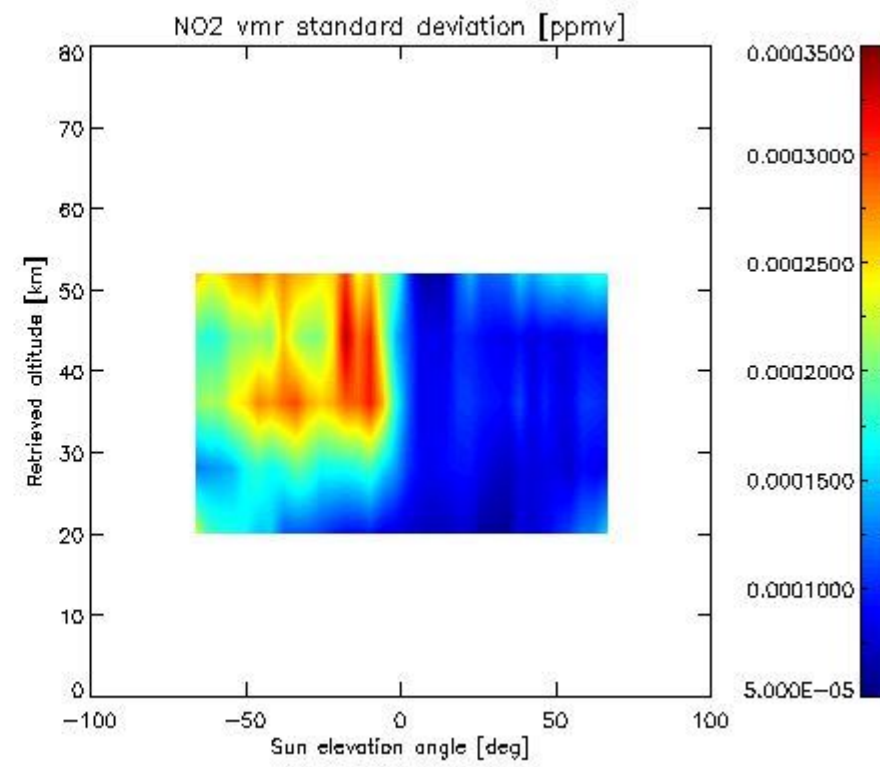
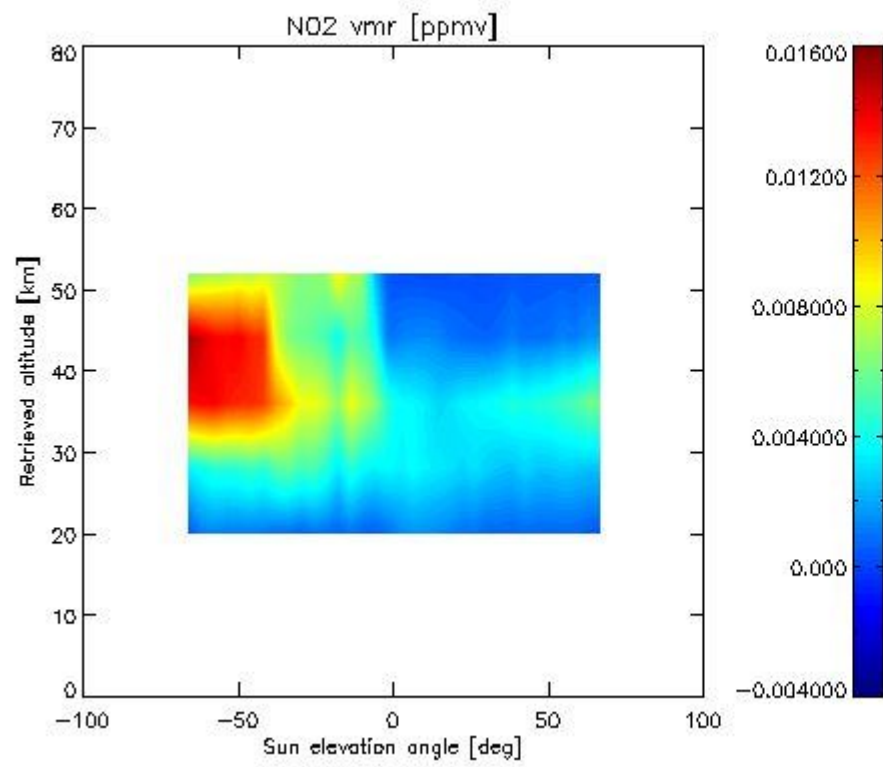
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.

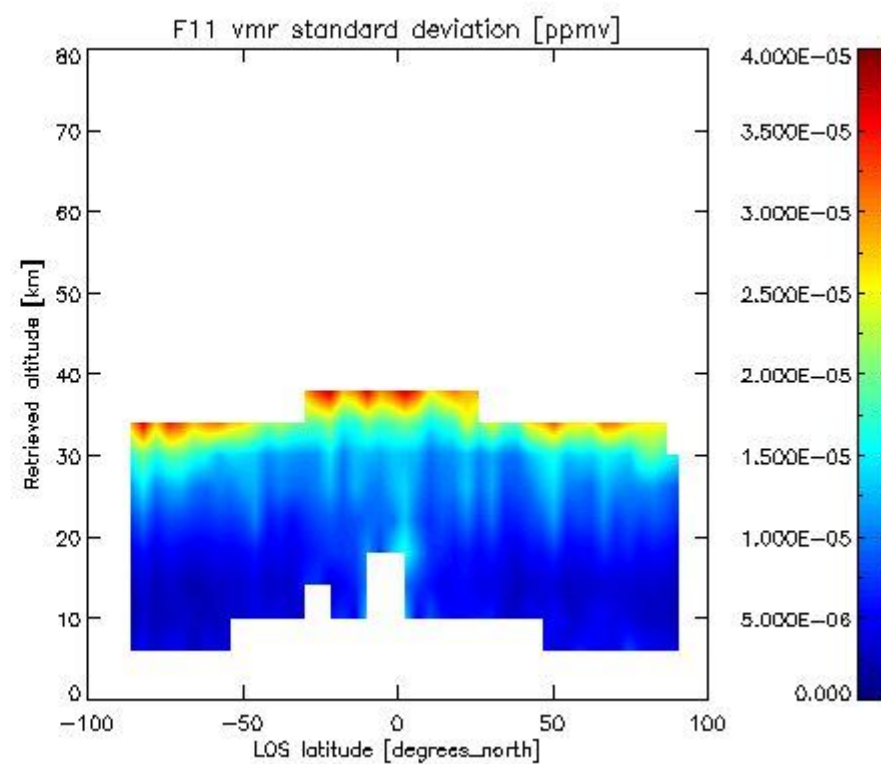
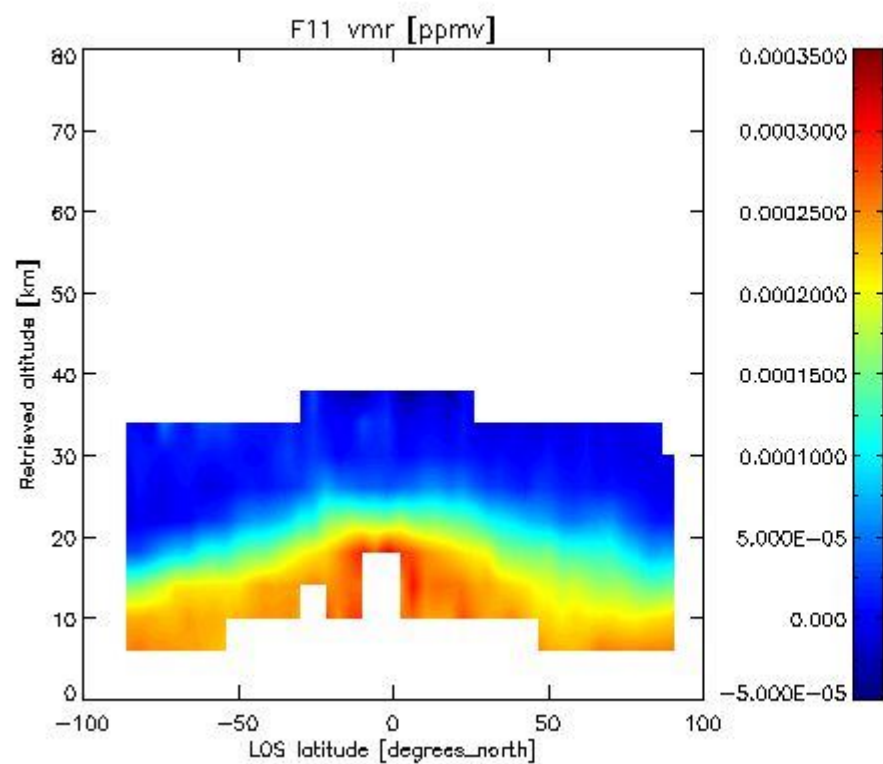


2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 8 km.

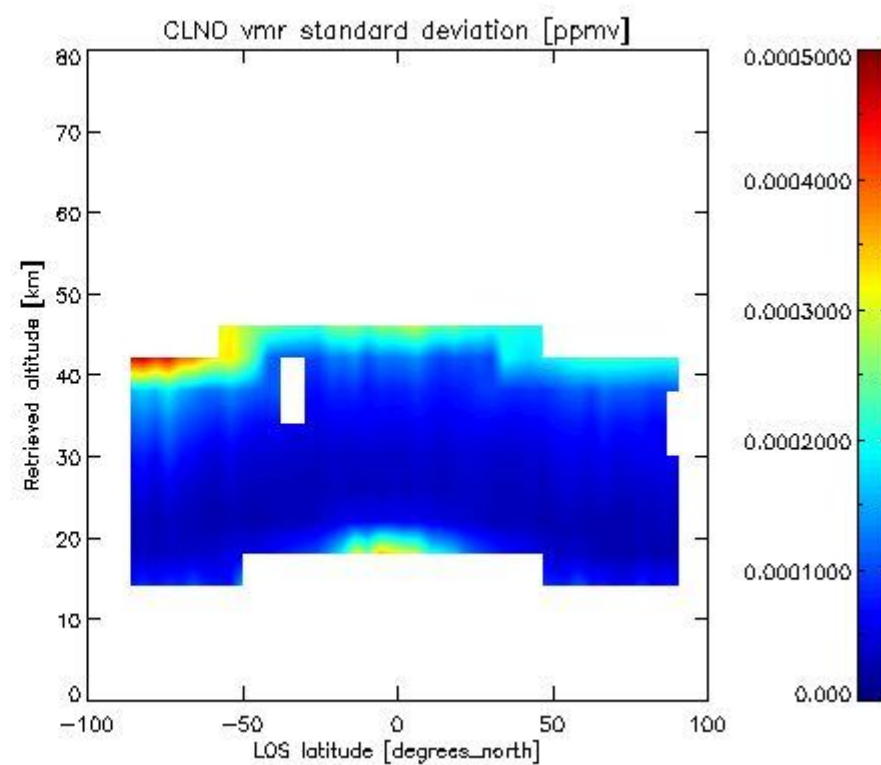
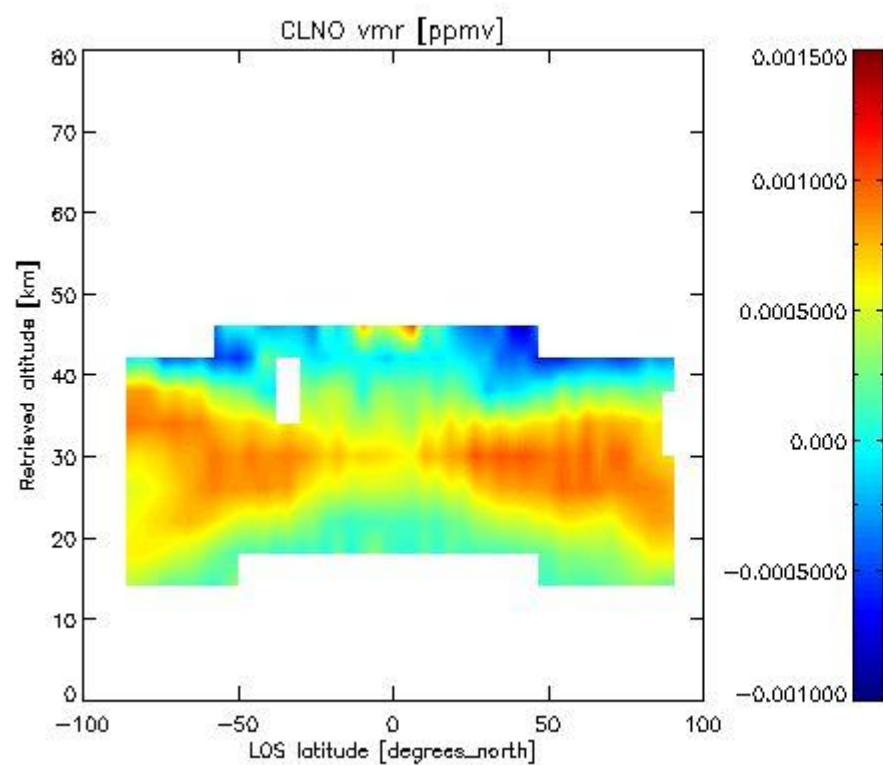


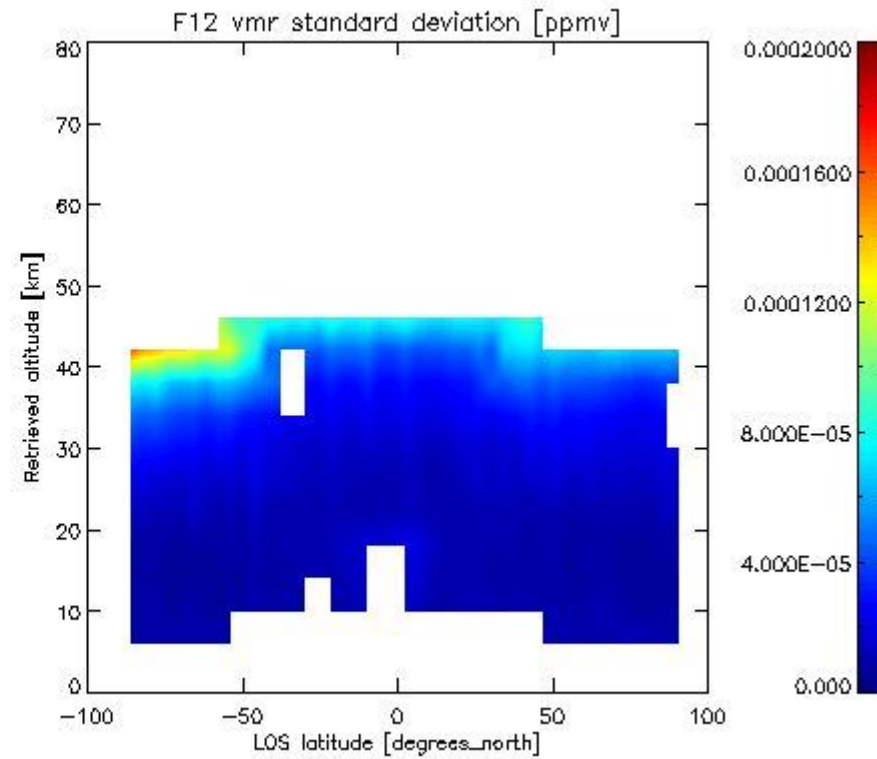
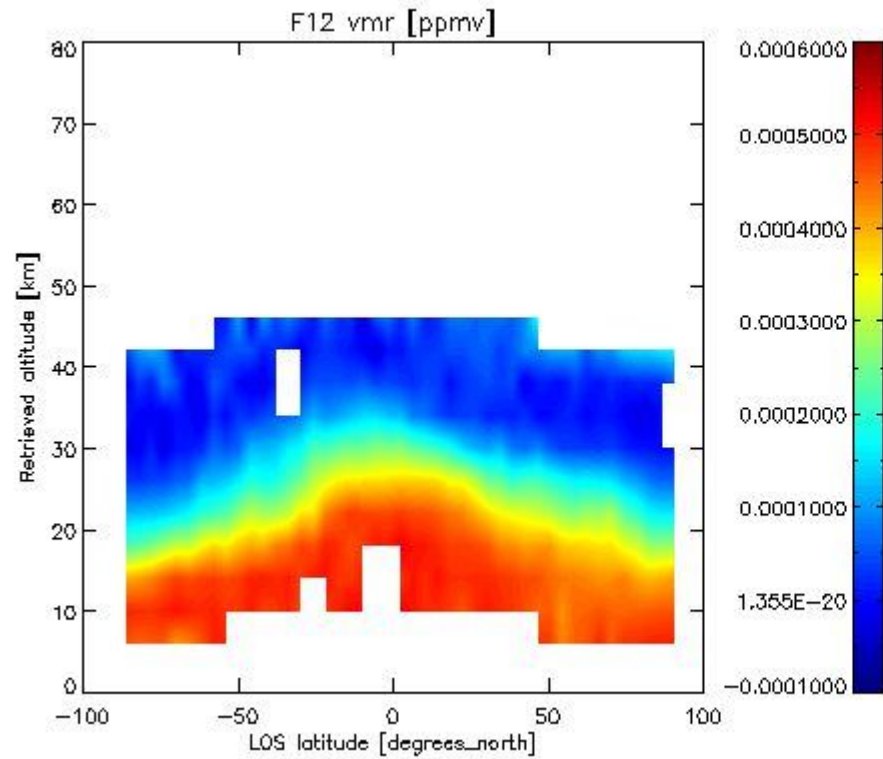
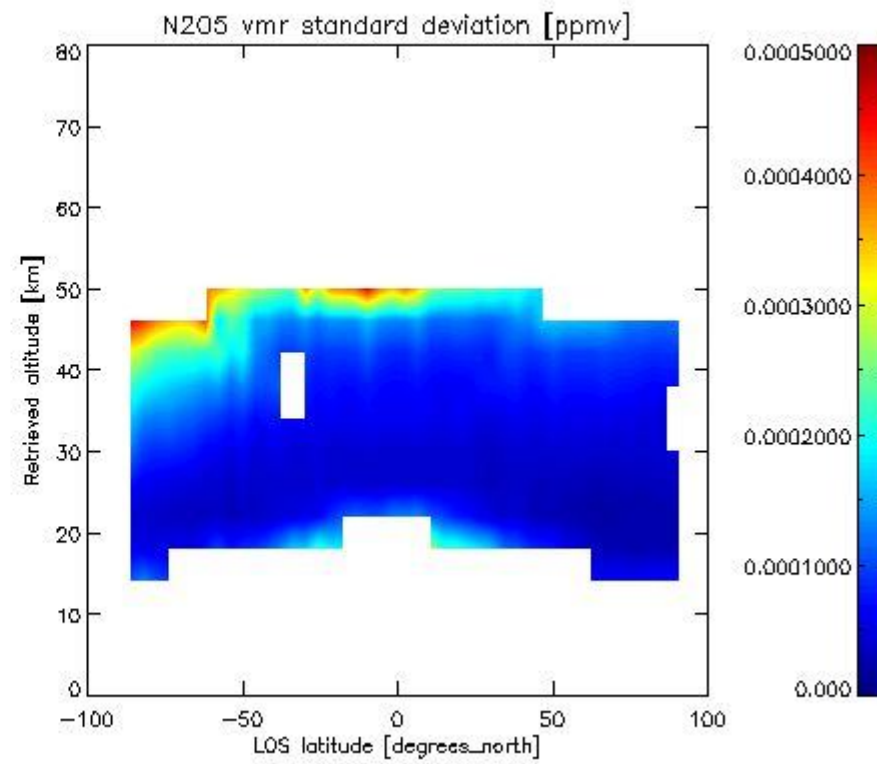
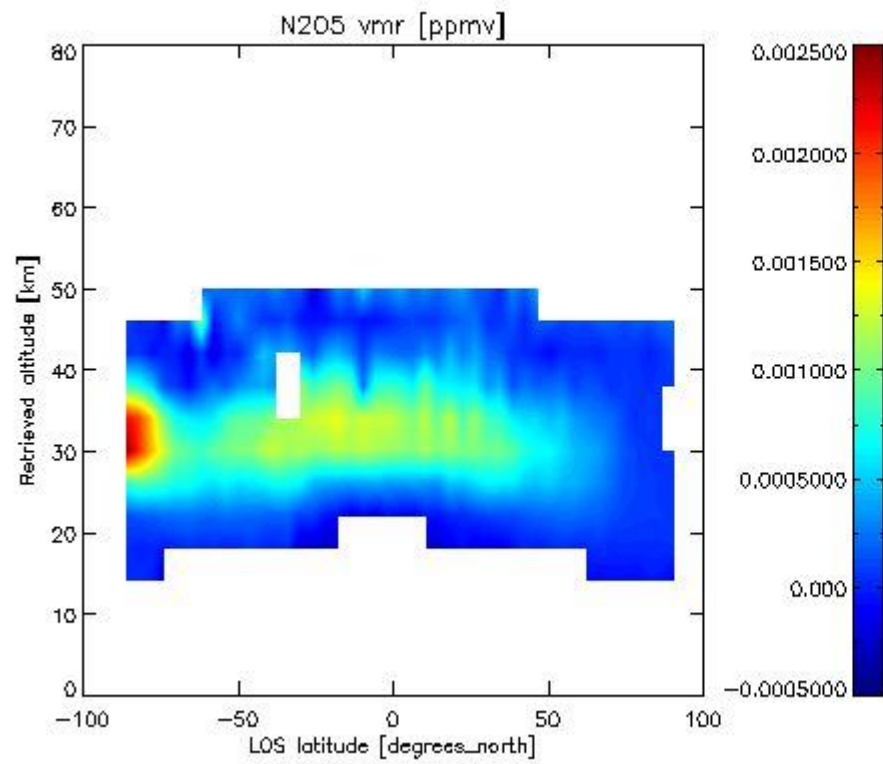
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



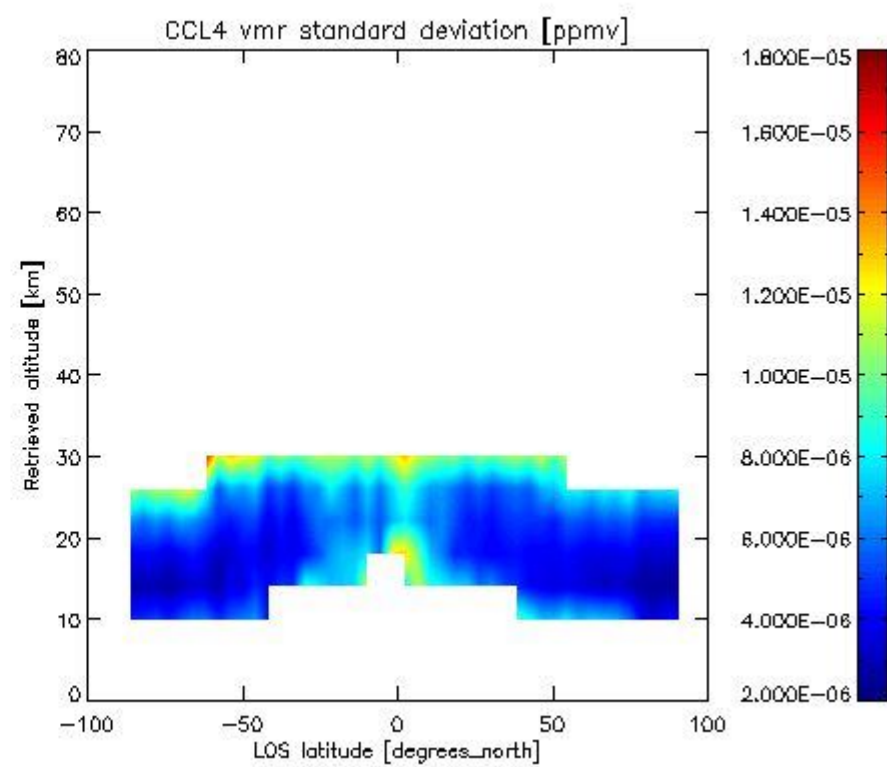
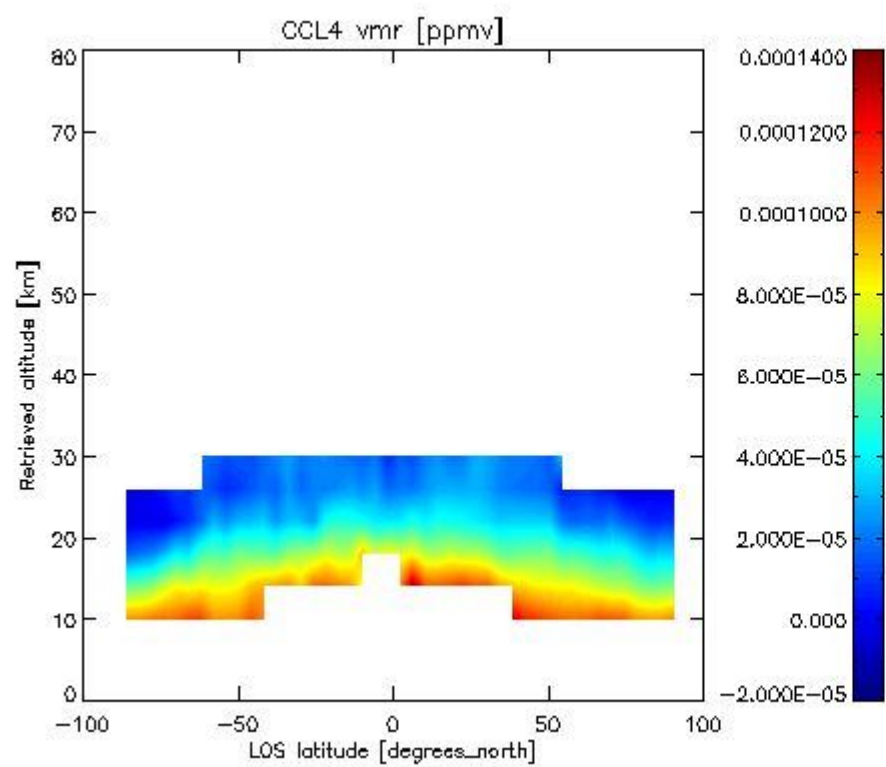
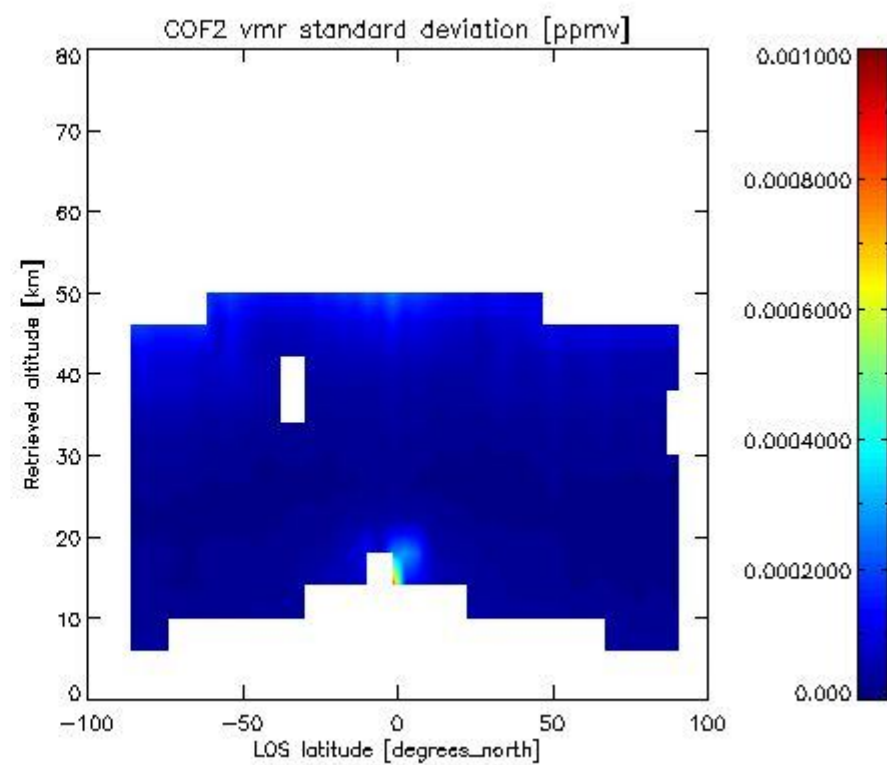
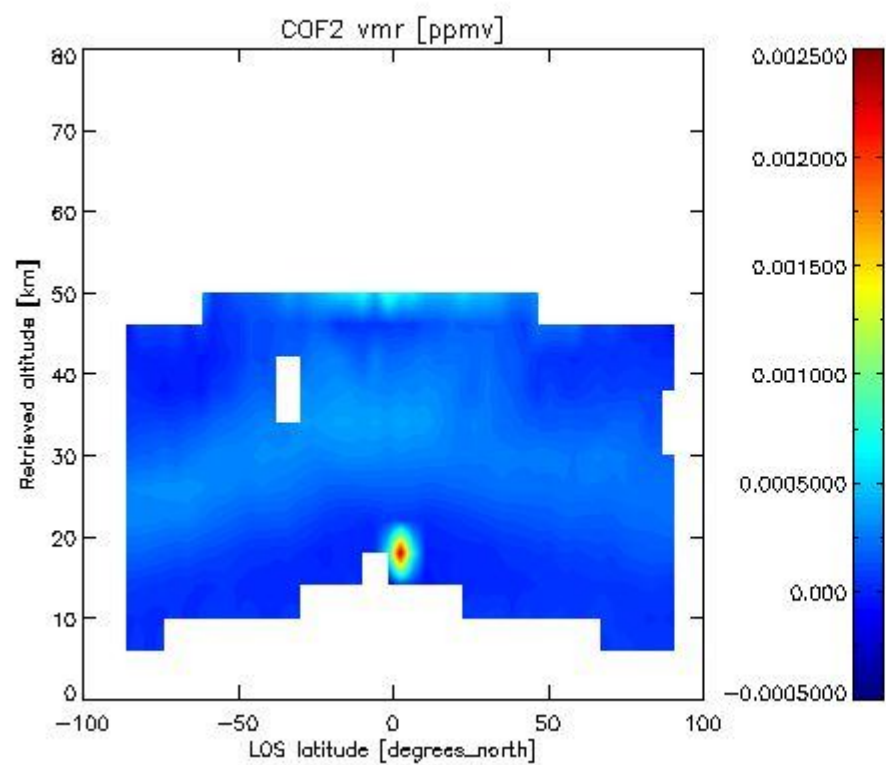


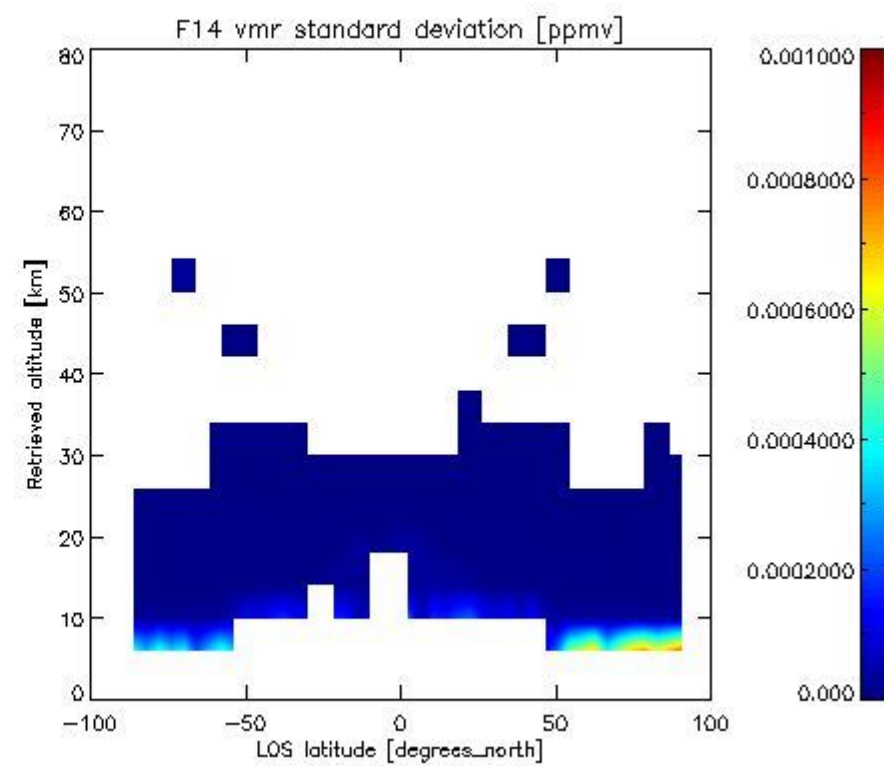
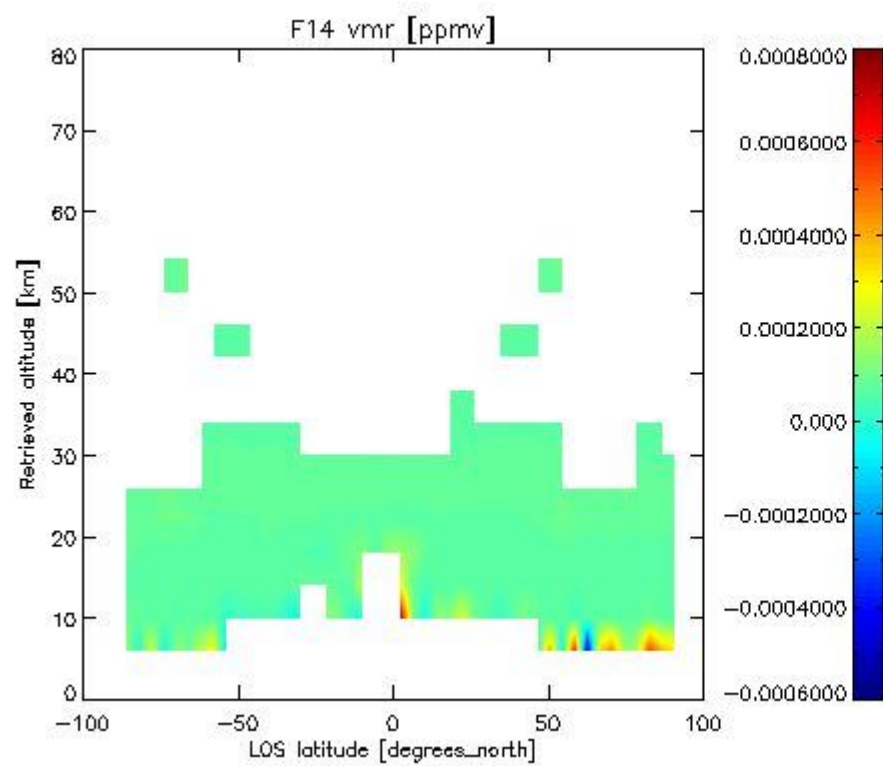
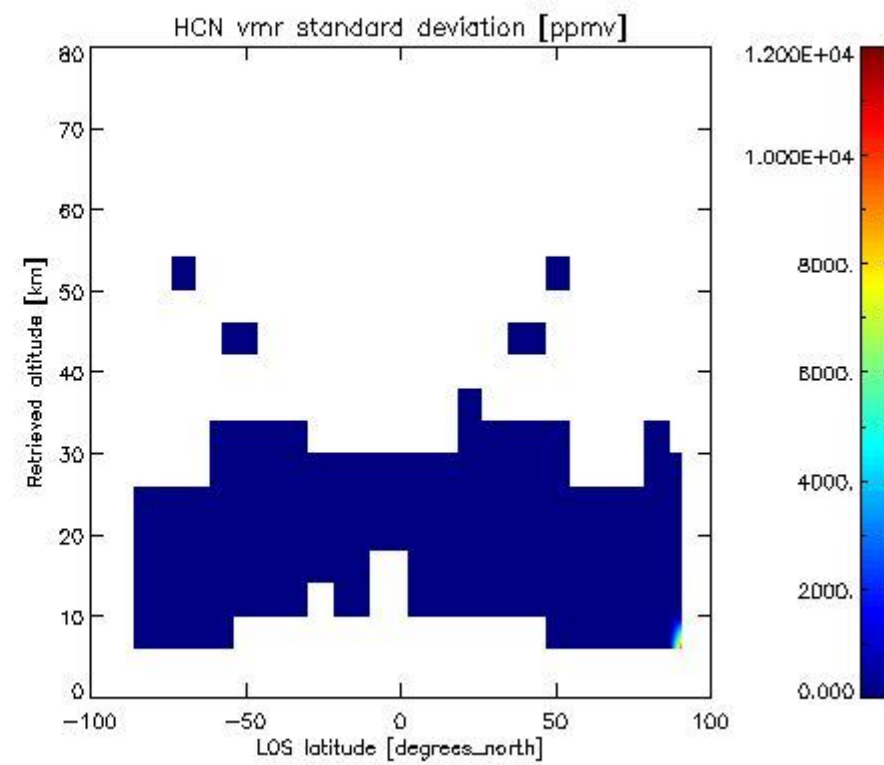
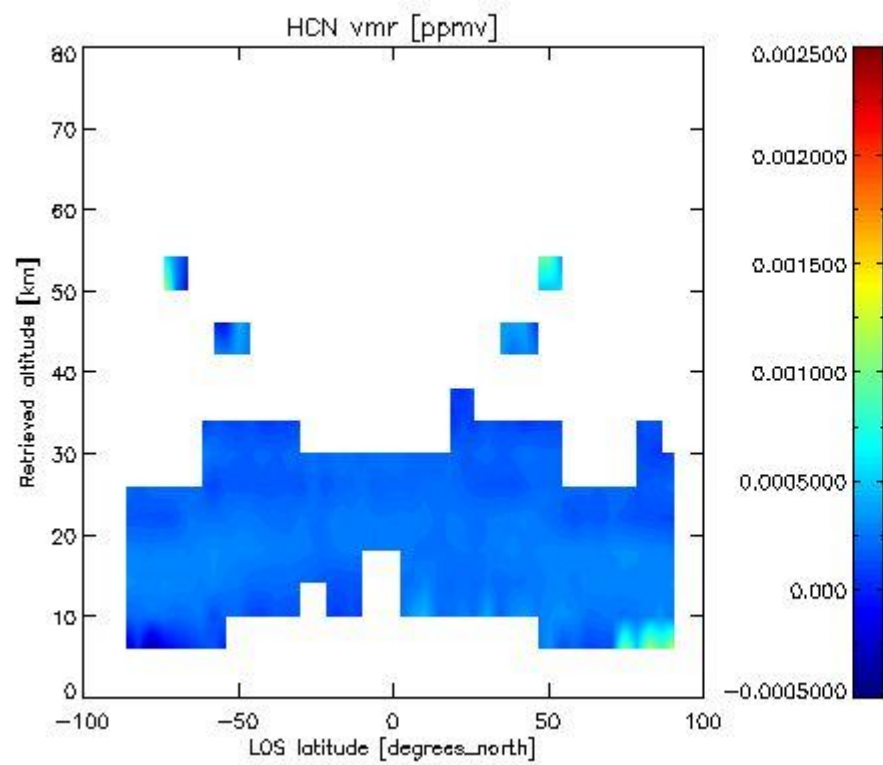
2.3.4.4 CLNO overview: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

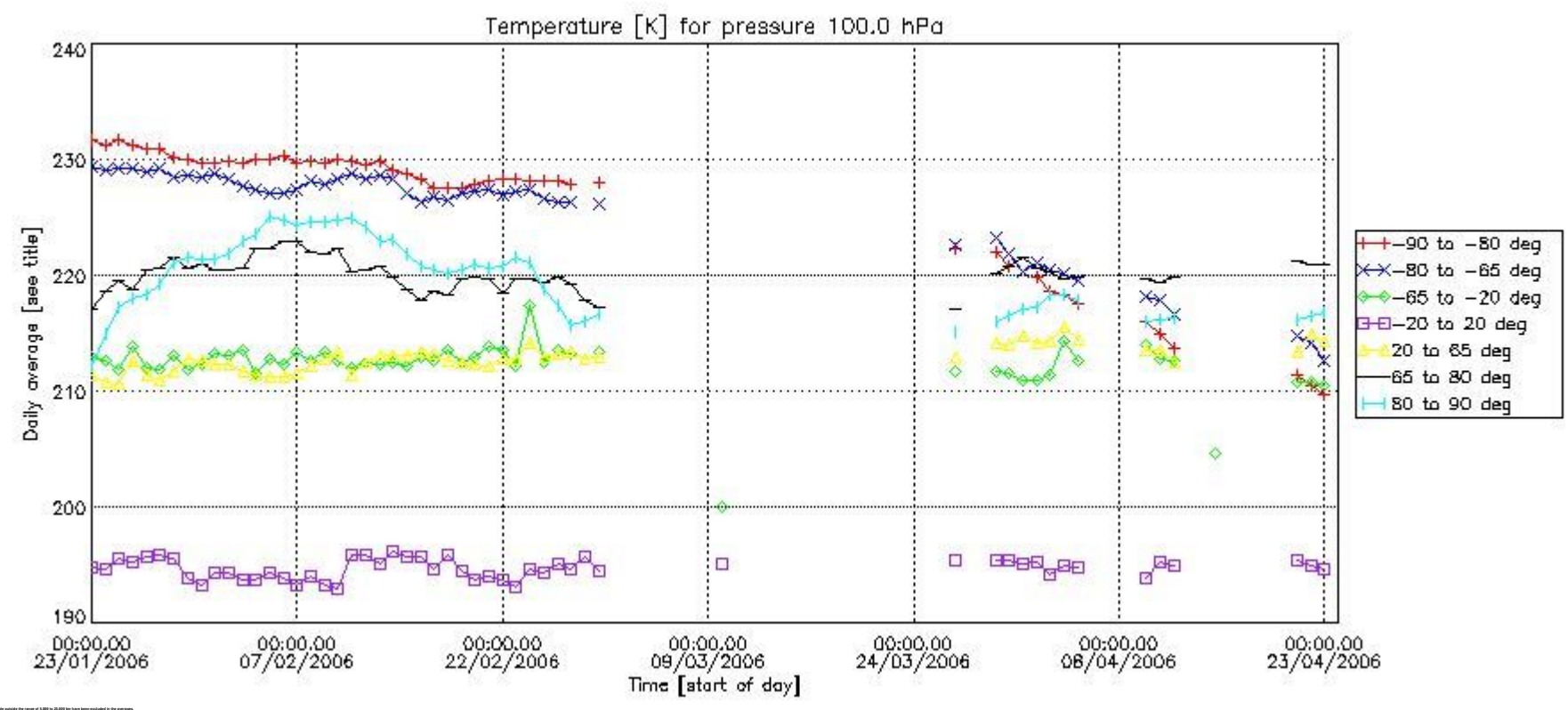
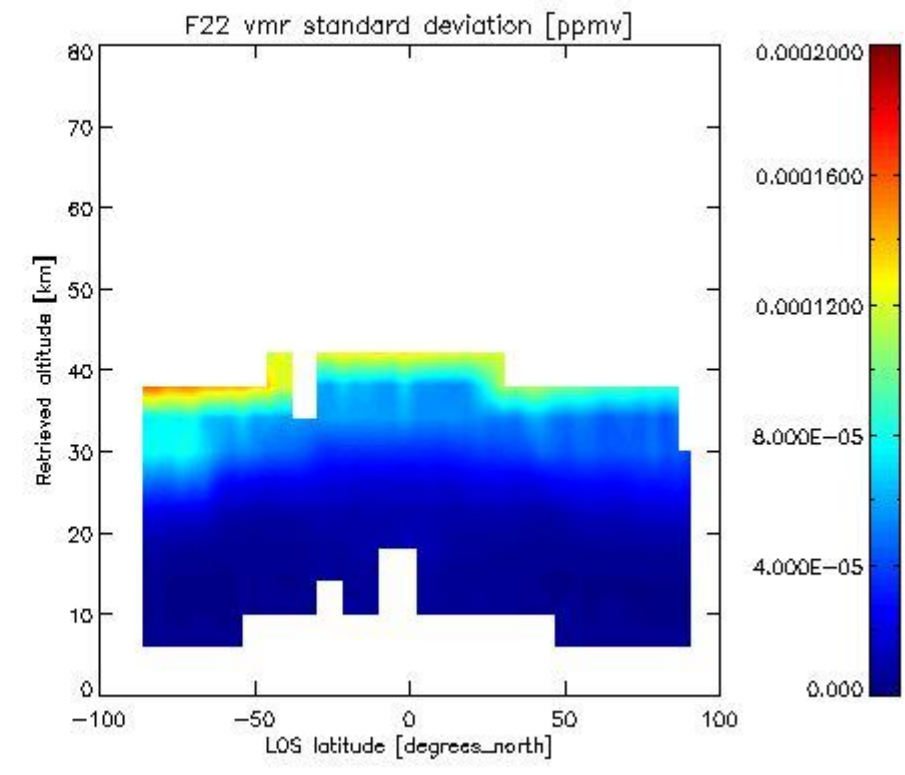
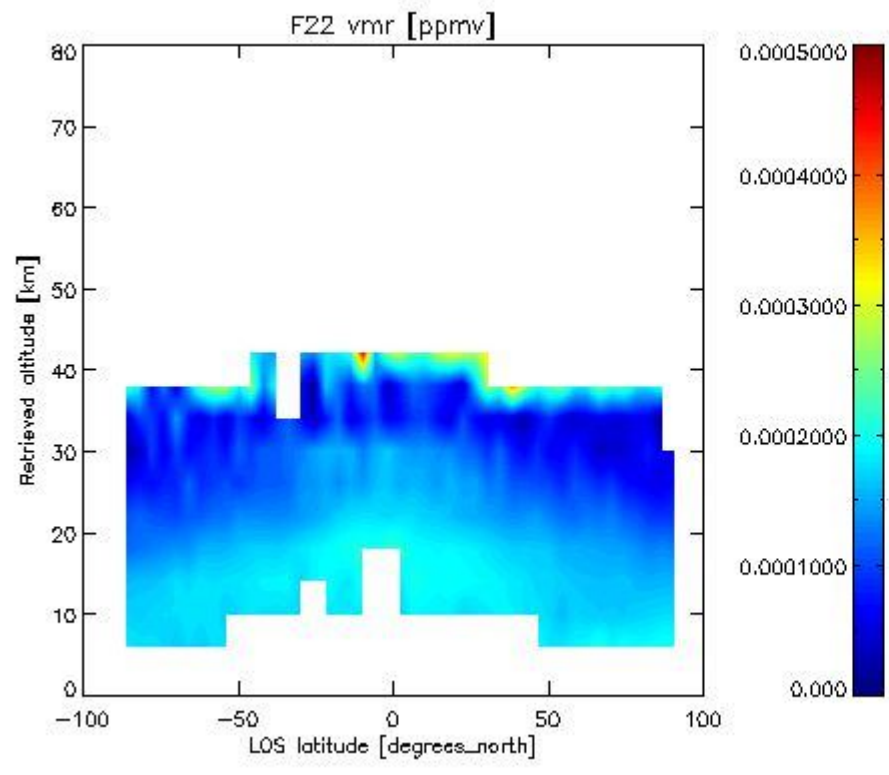




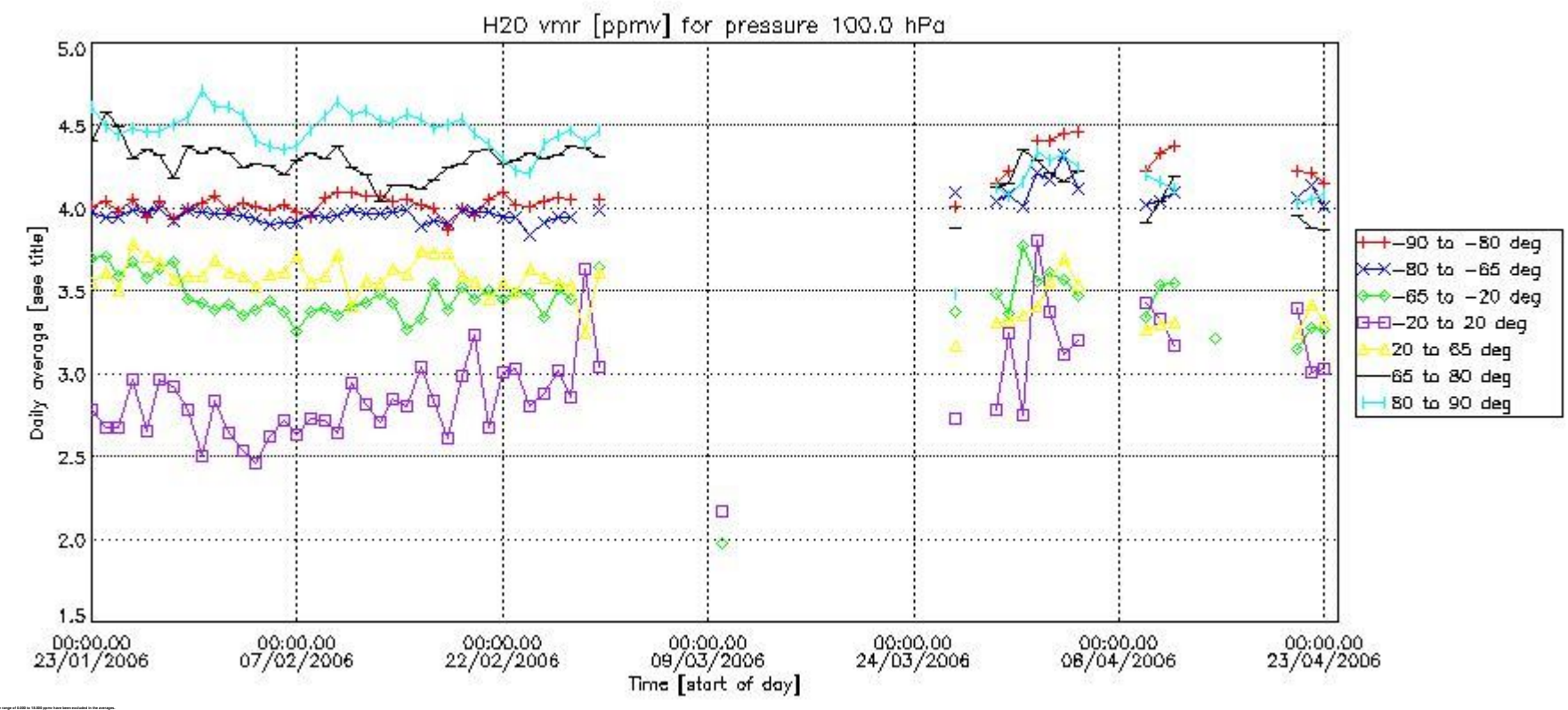
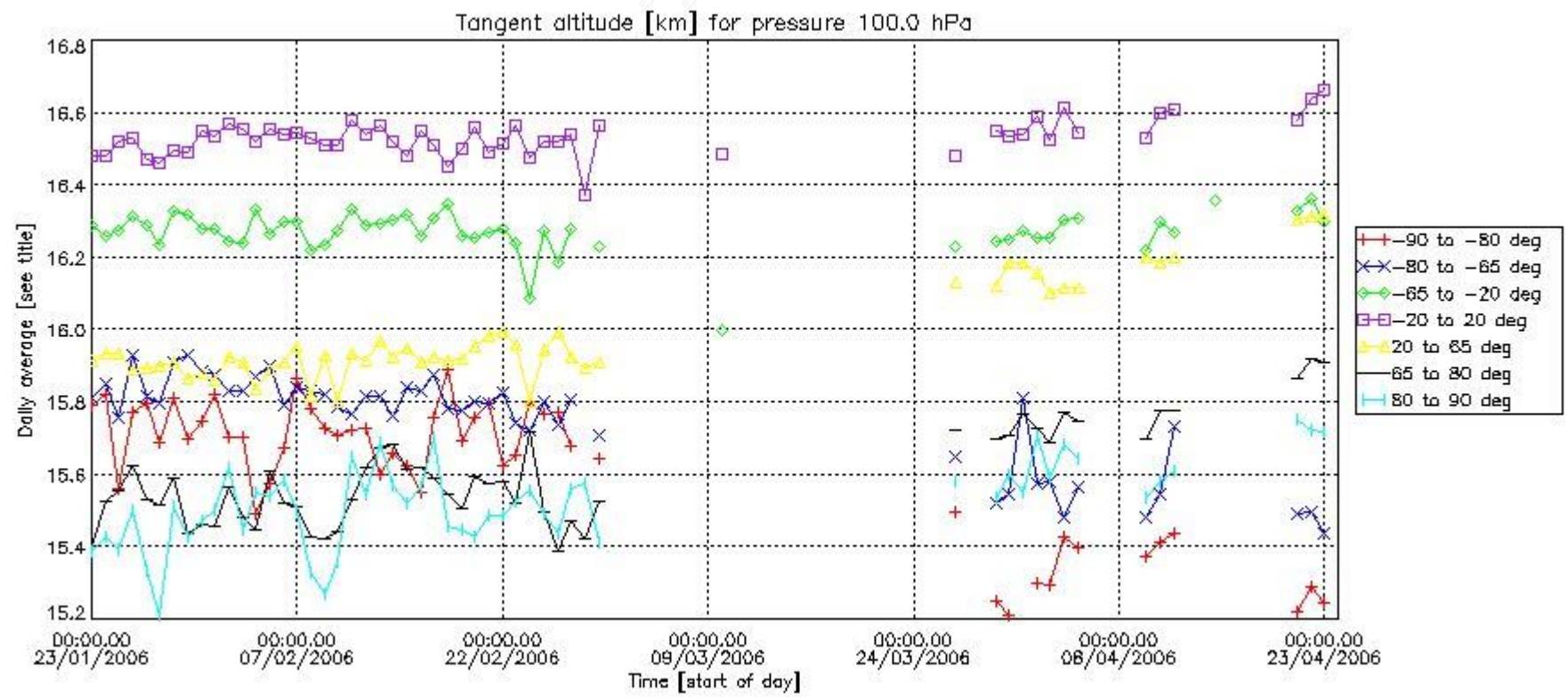


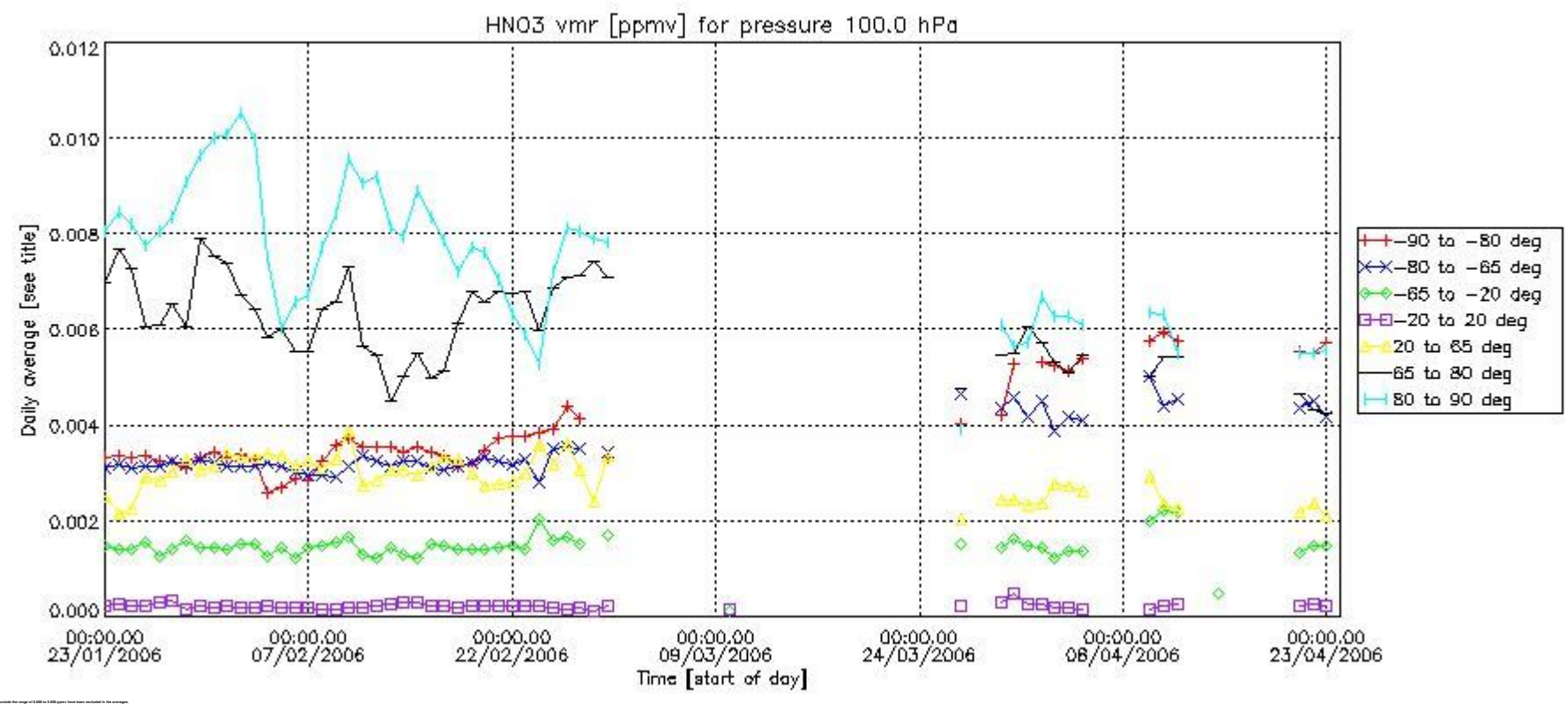
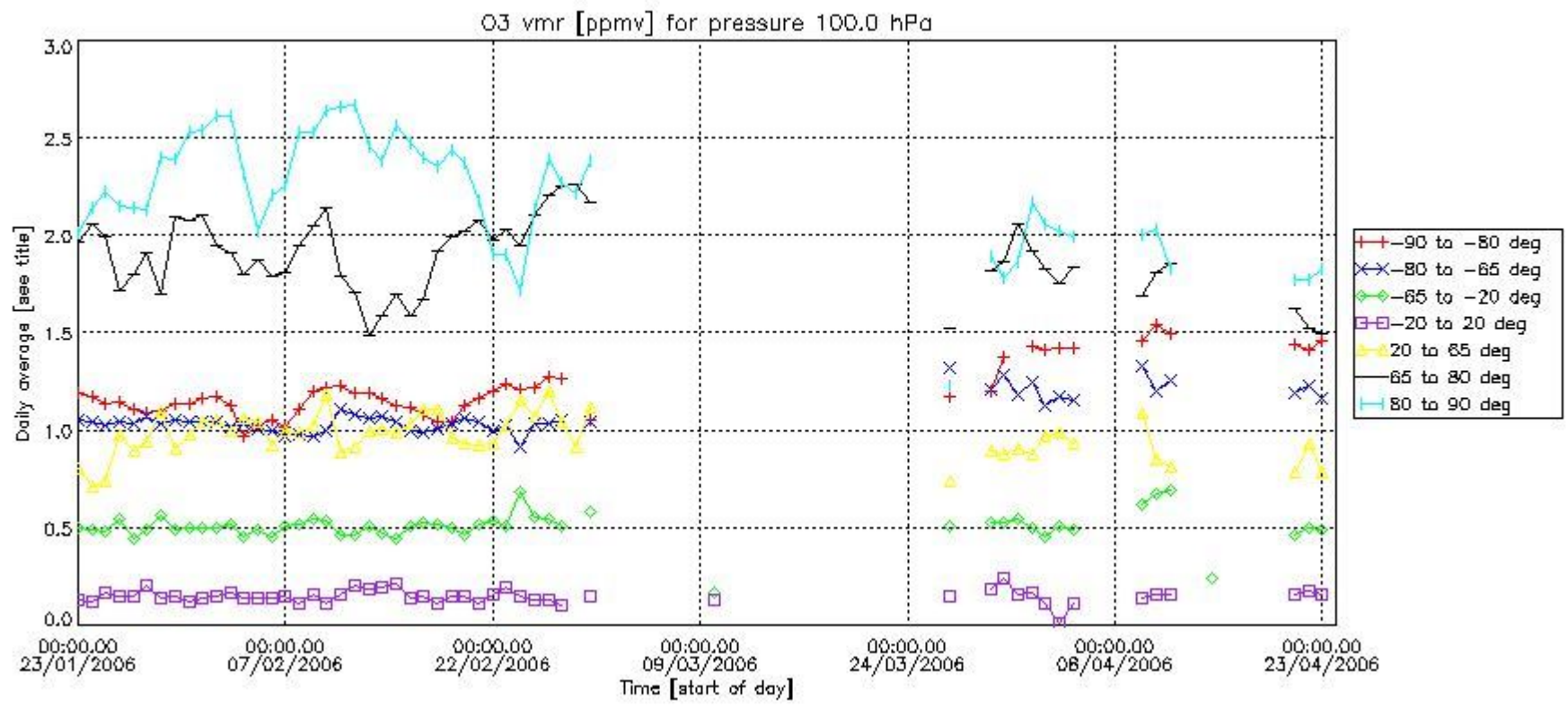


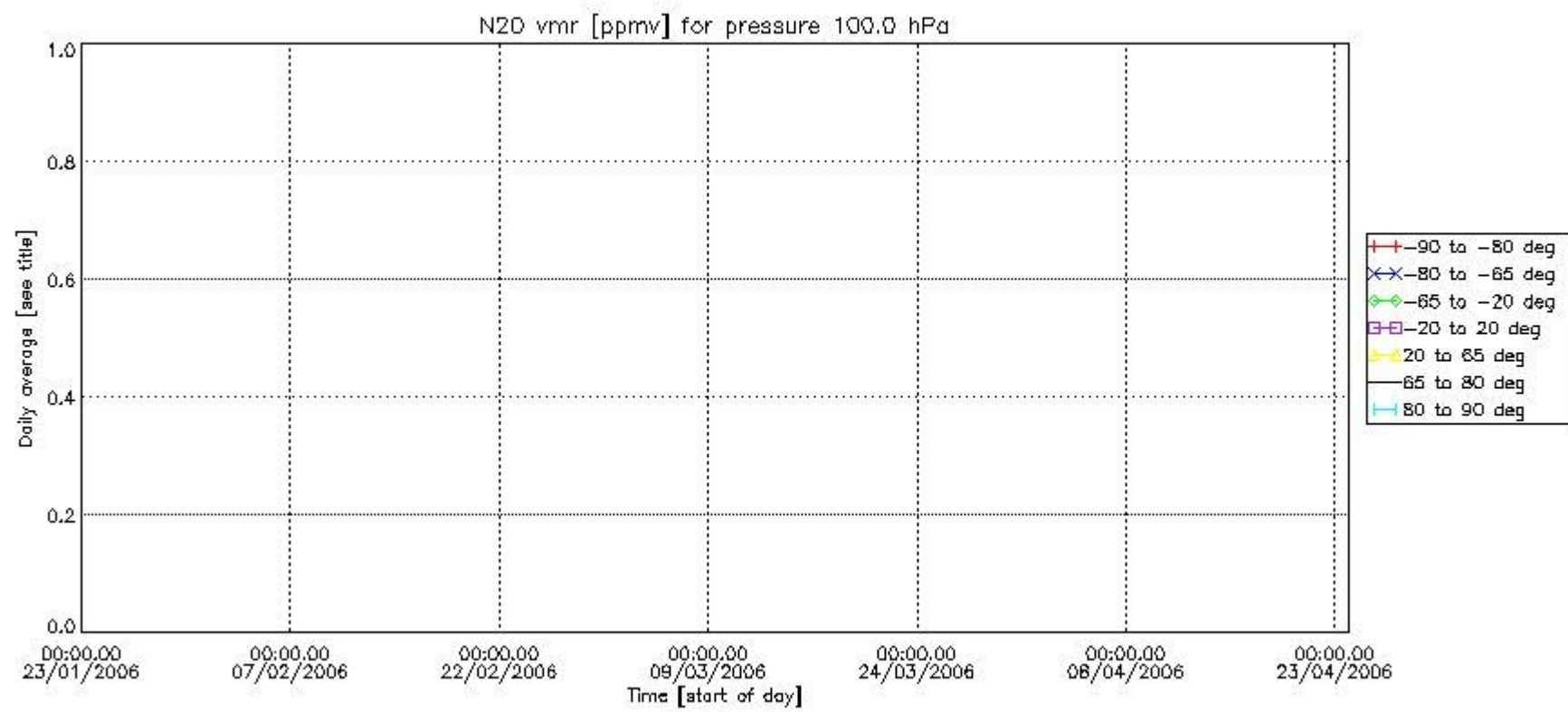
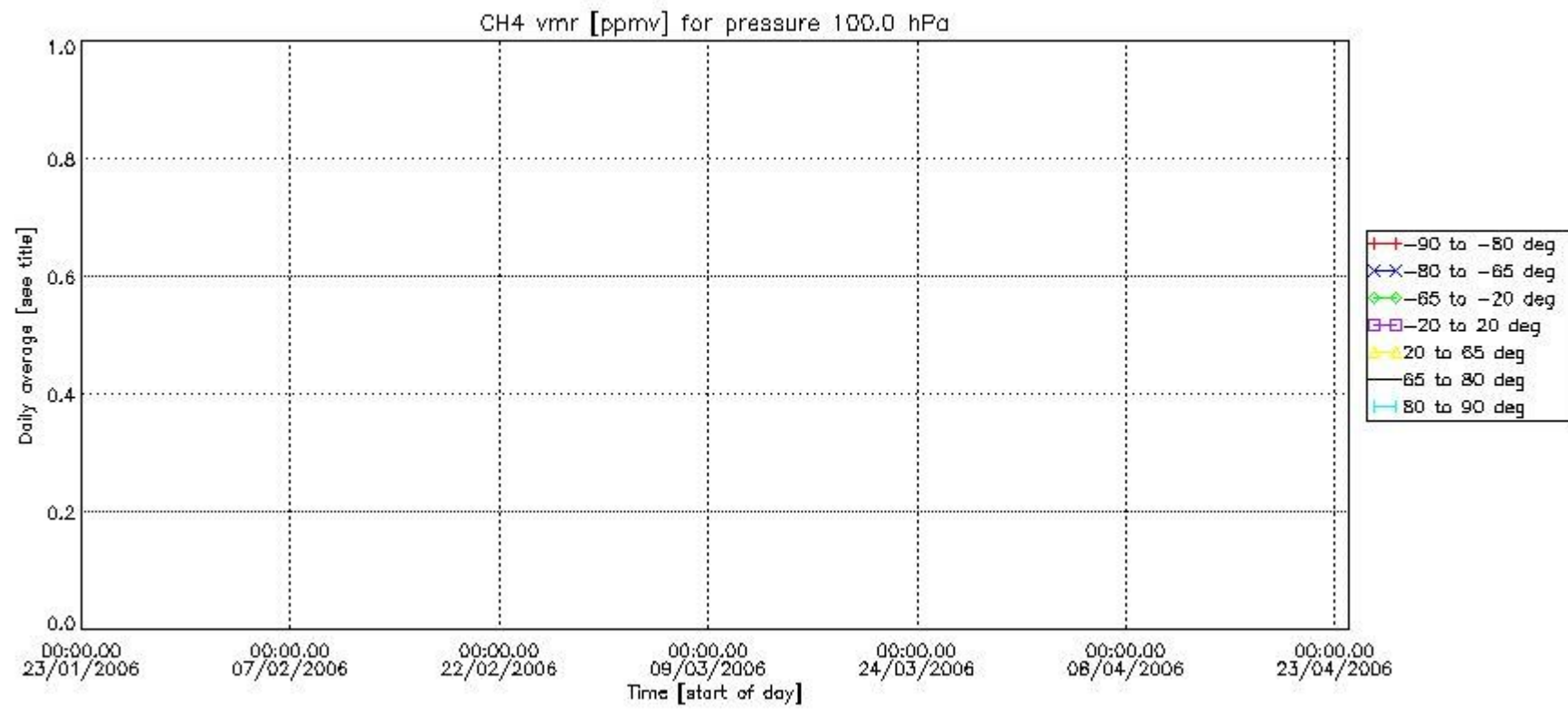




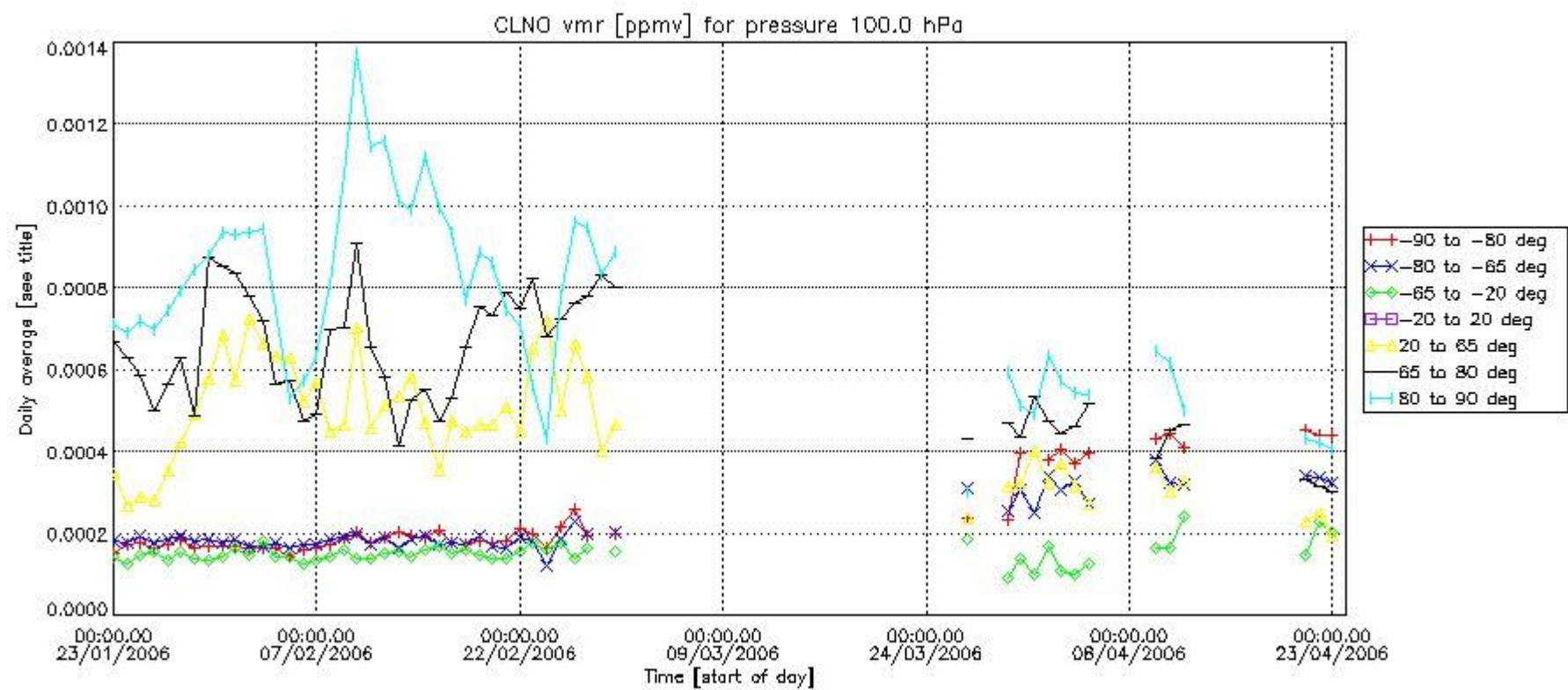
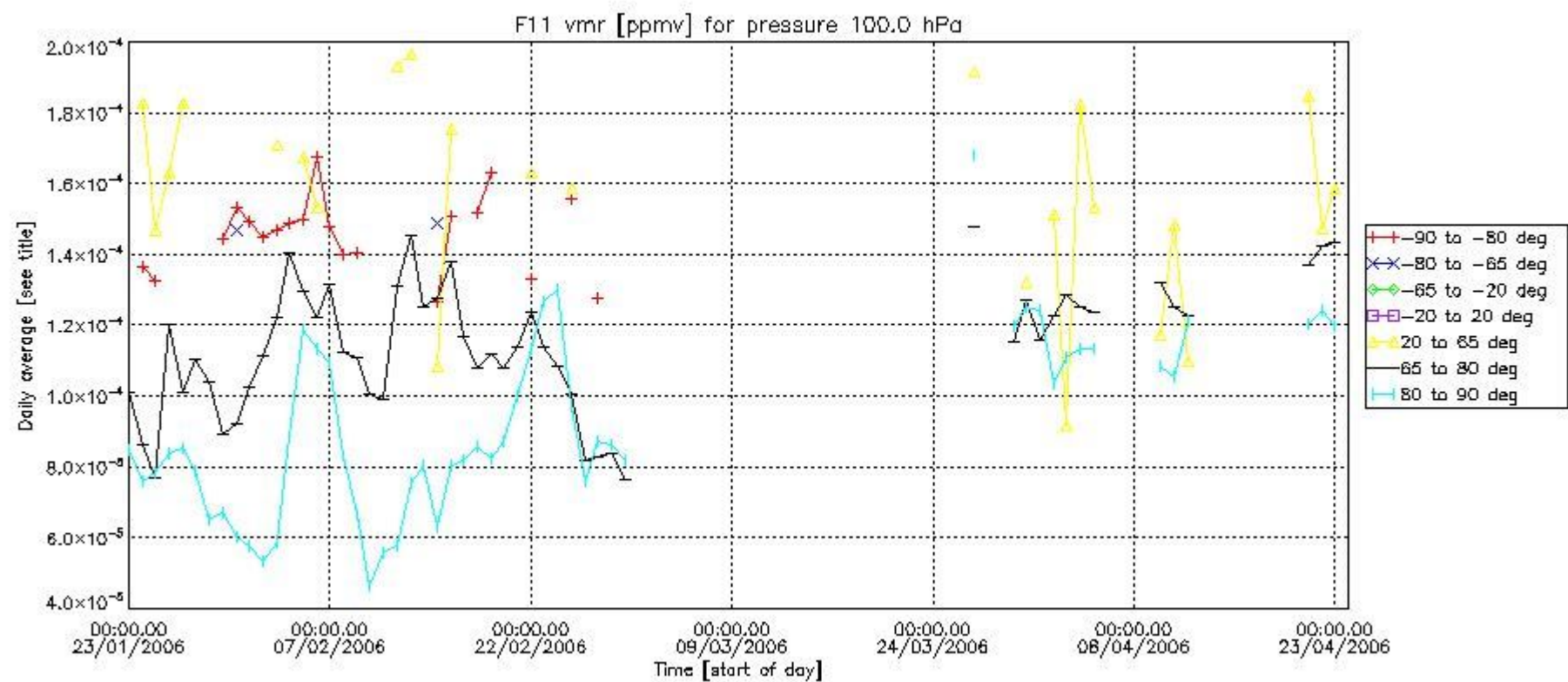


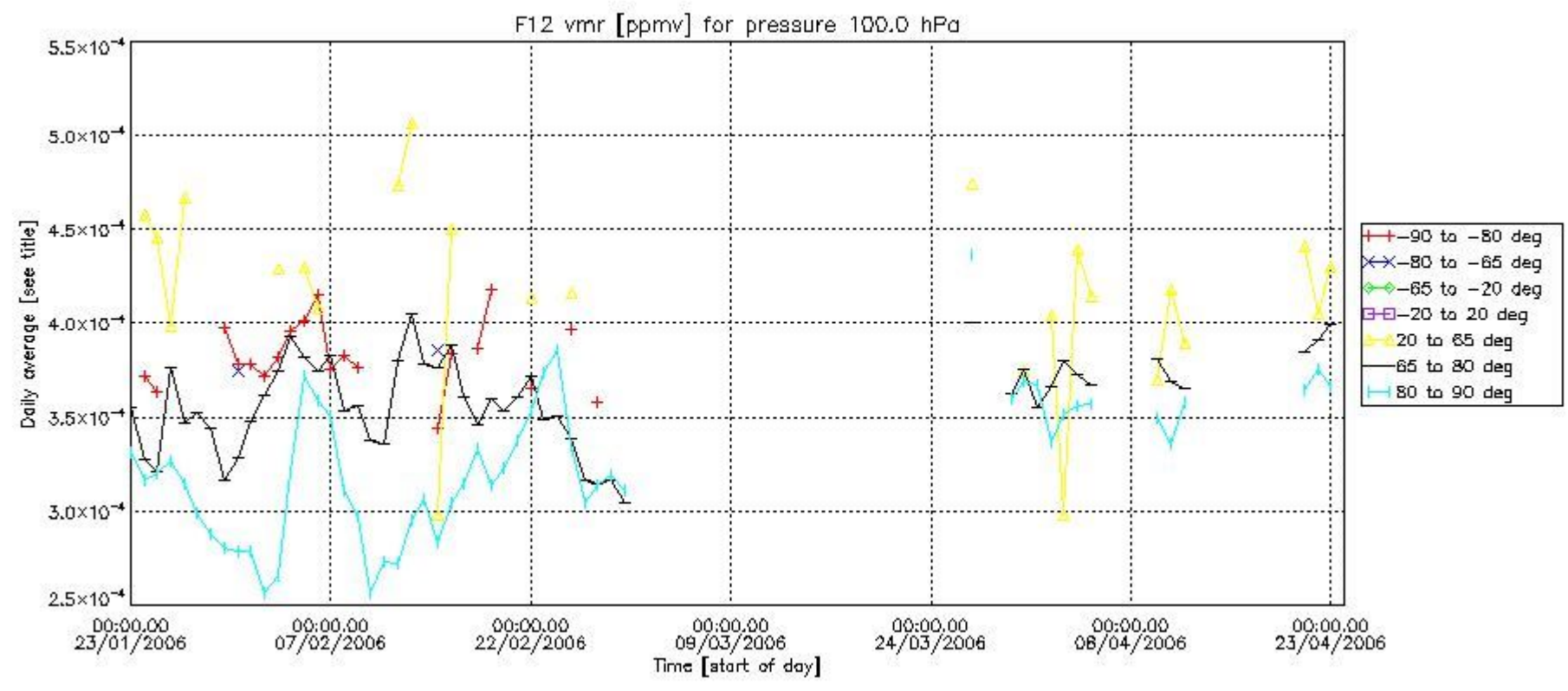
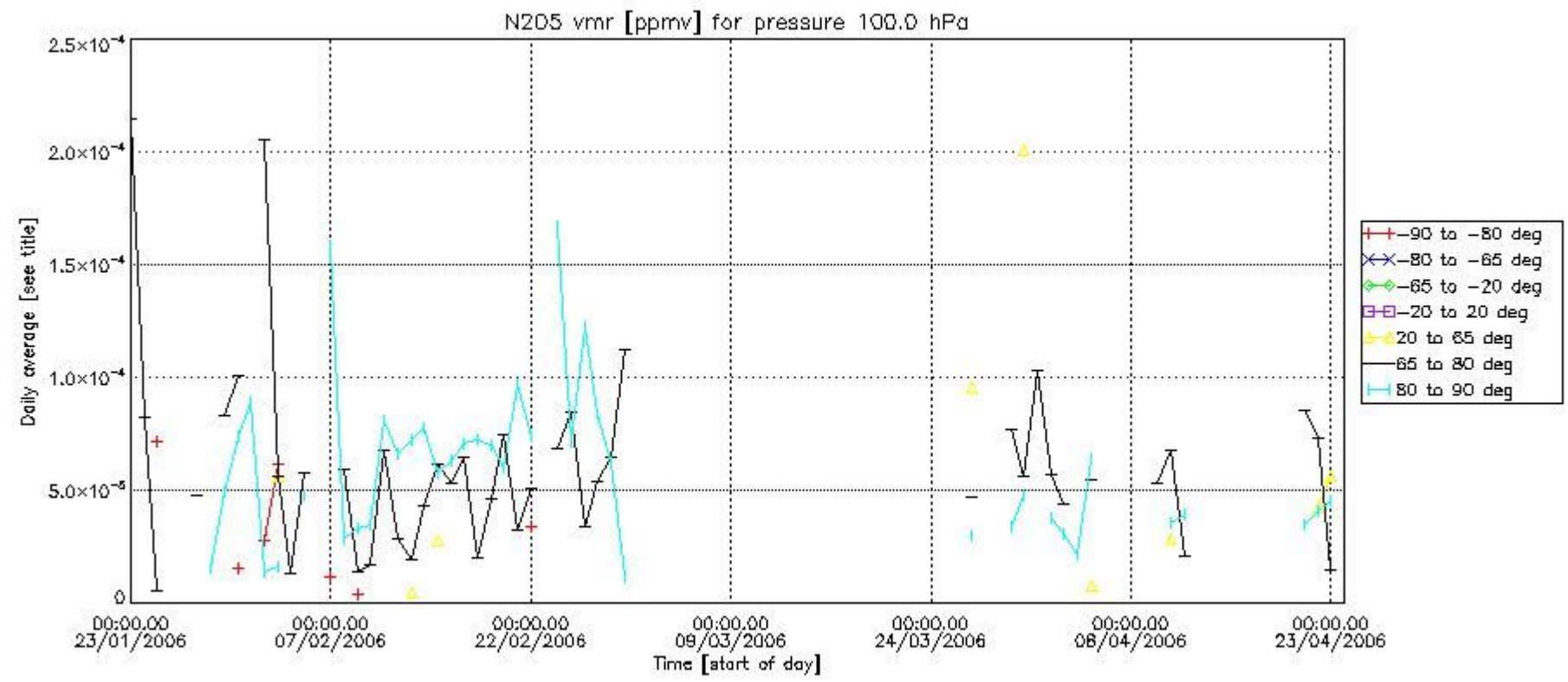


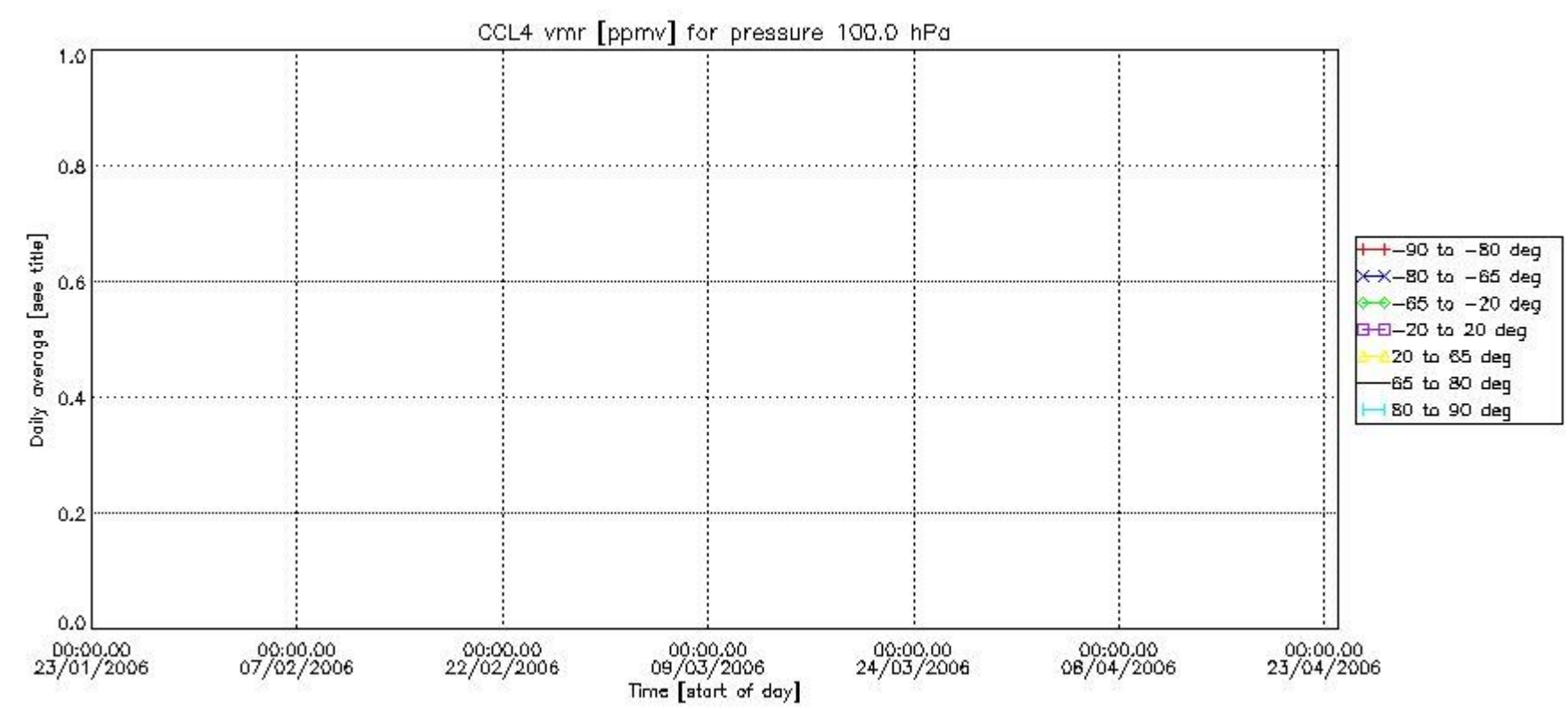
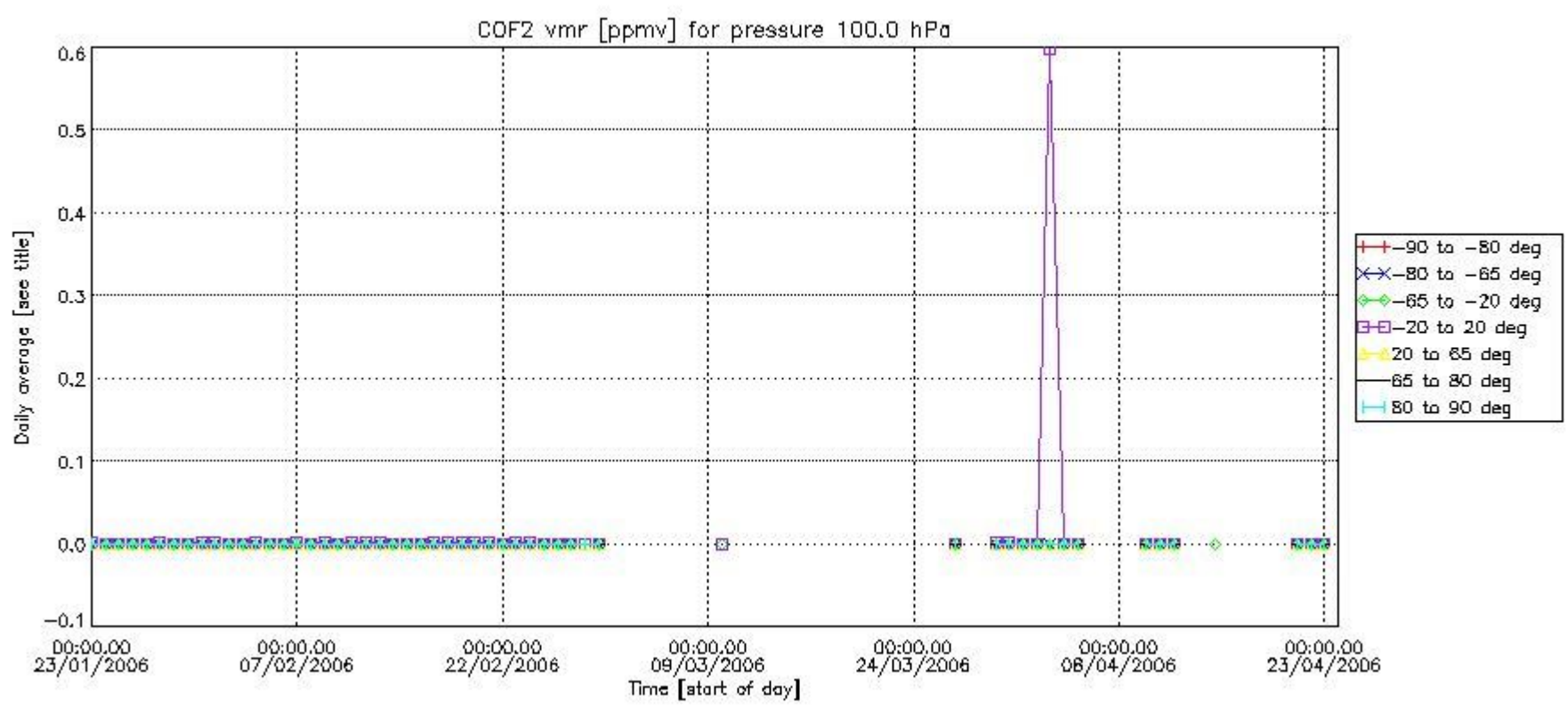




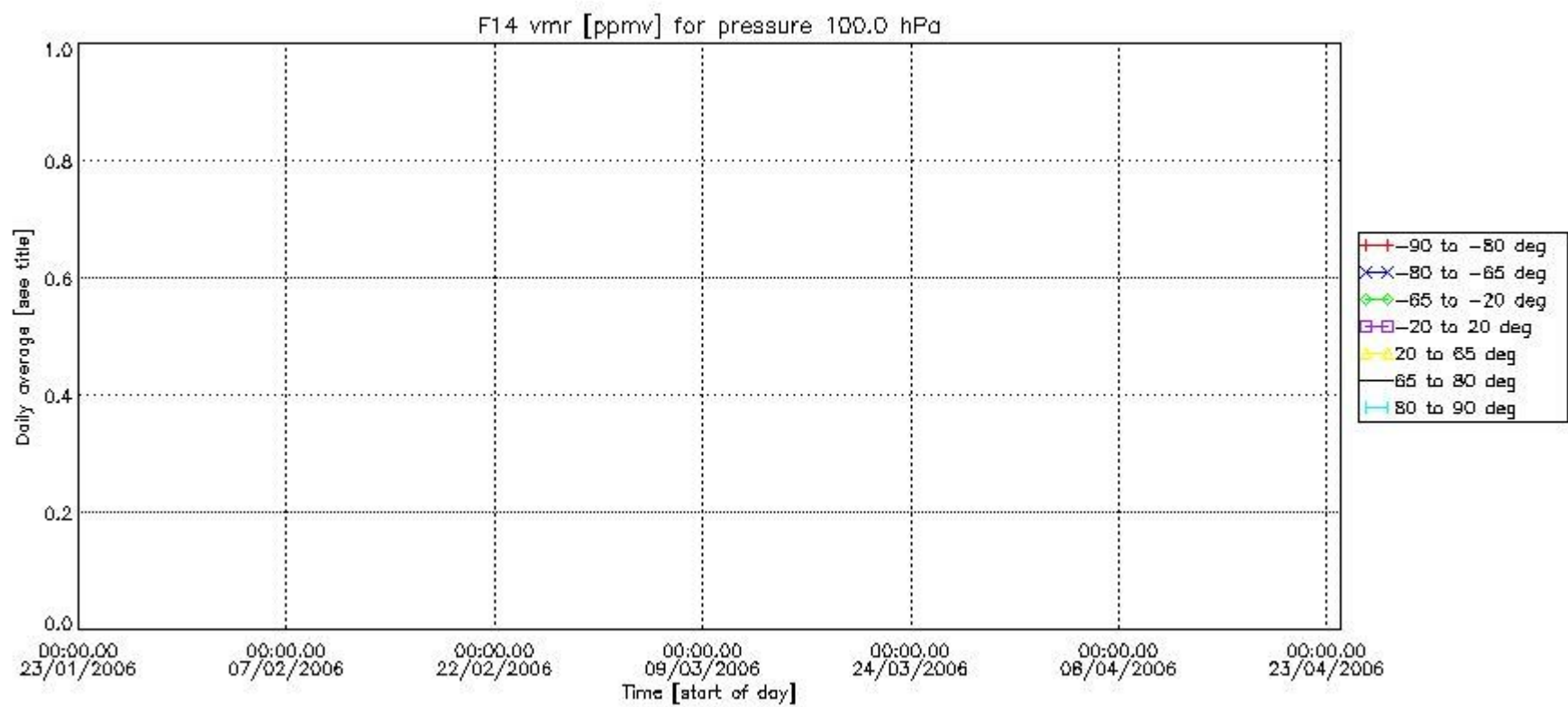
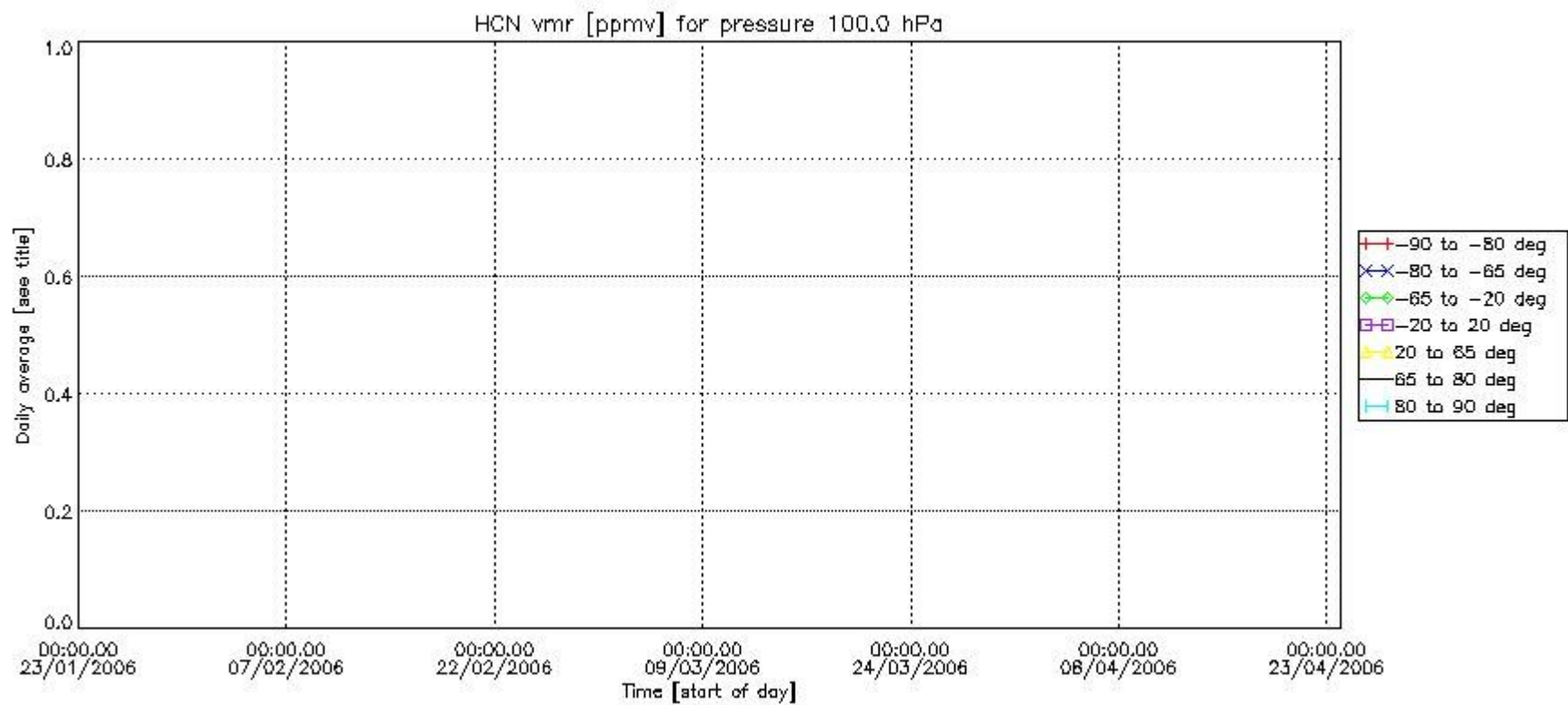


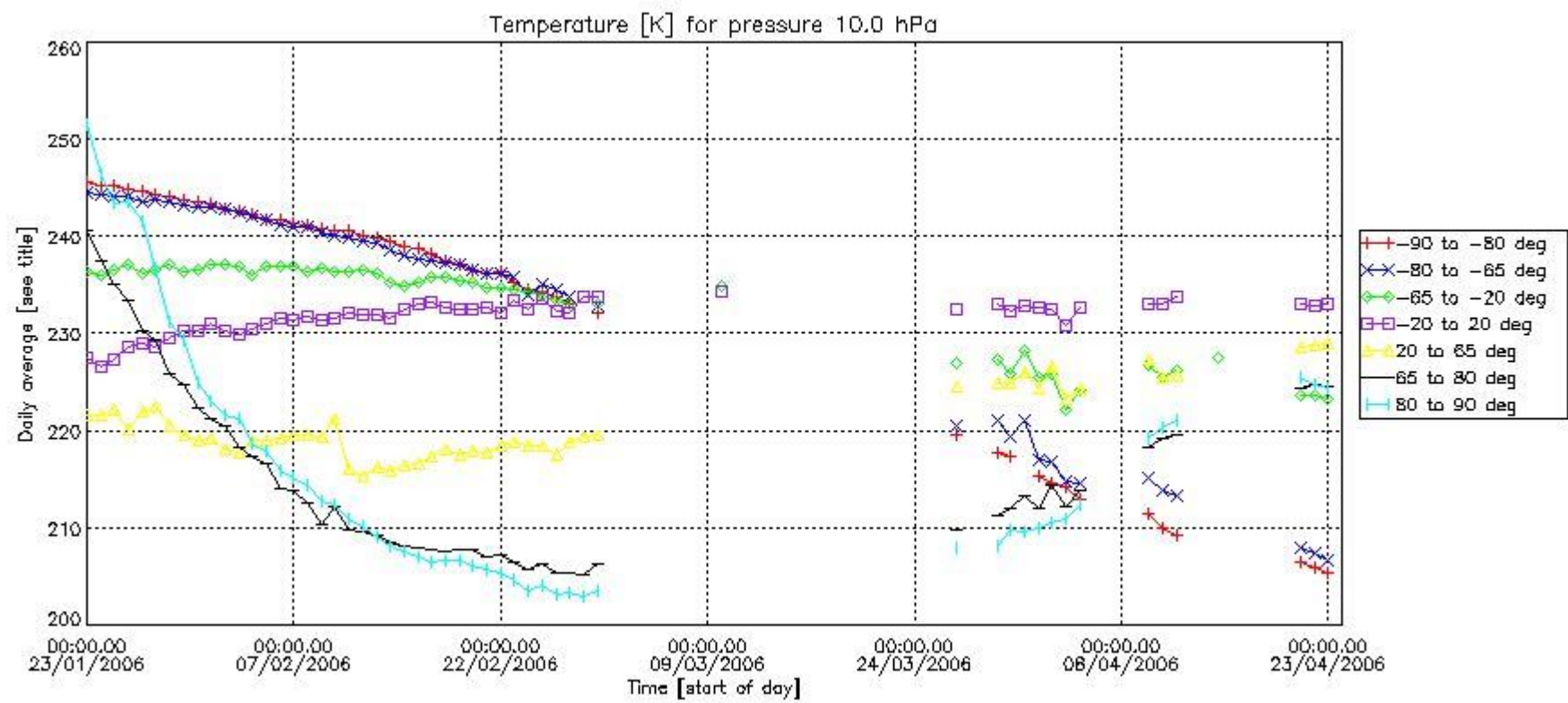
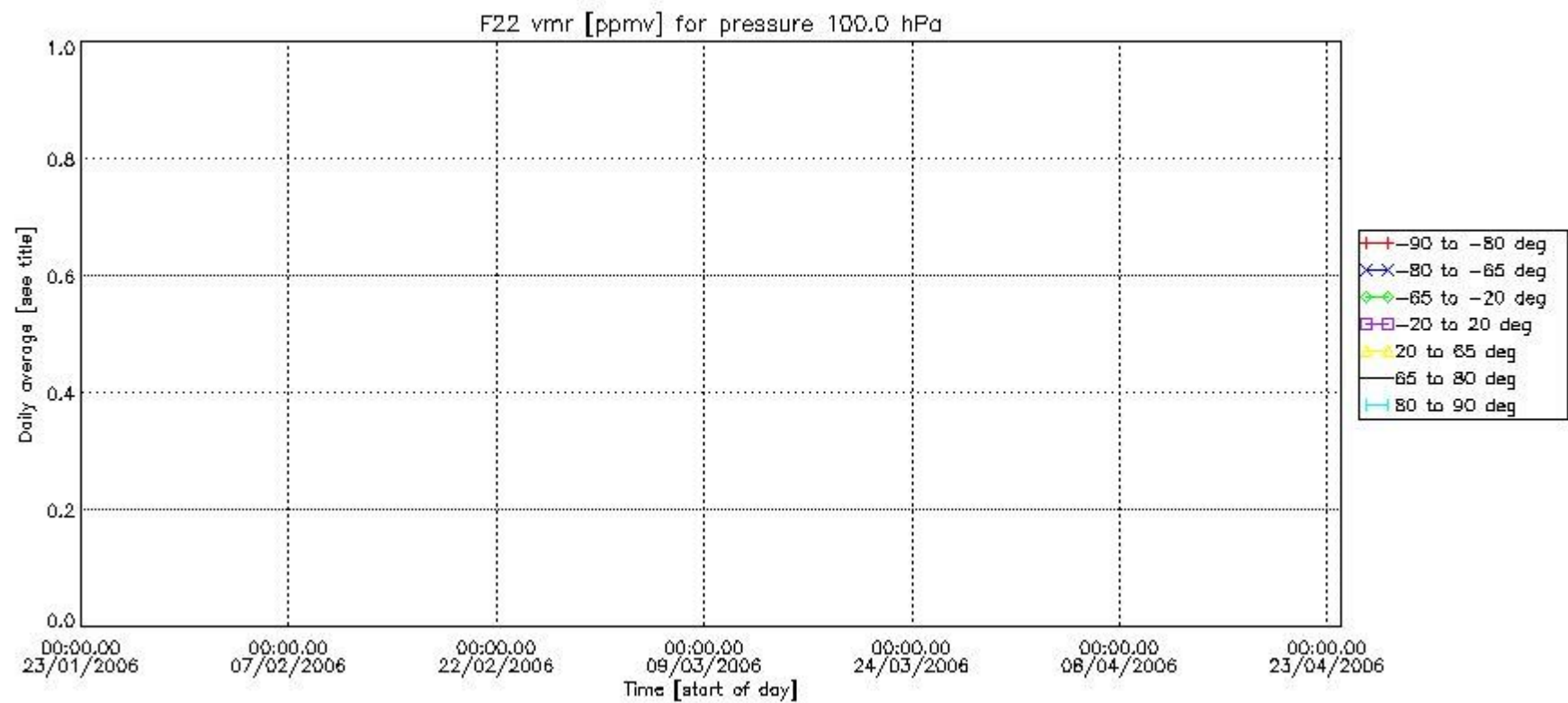


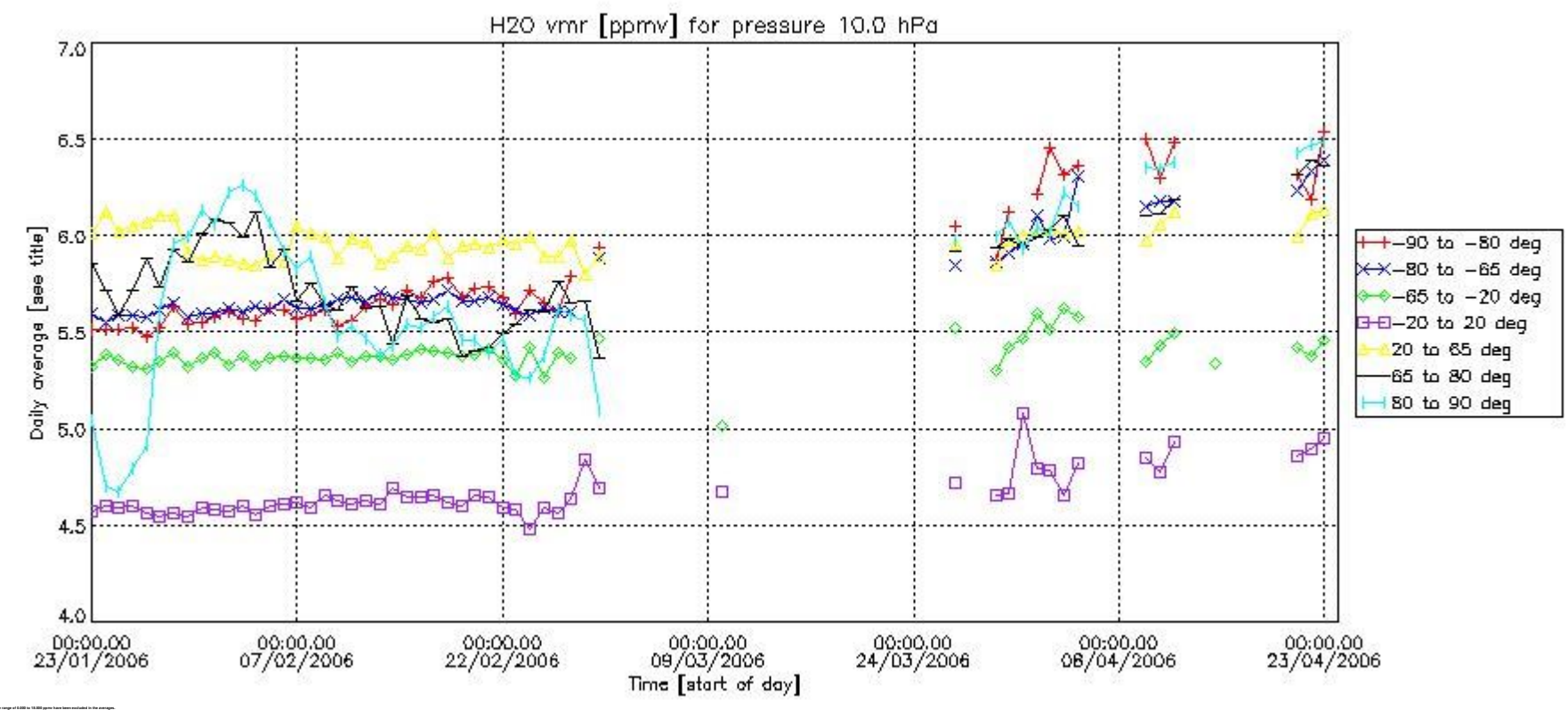
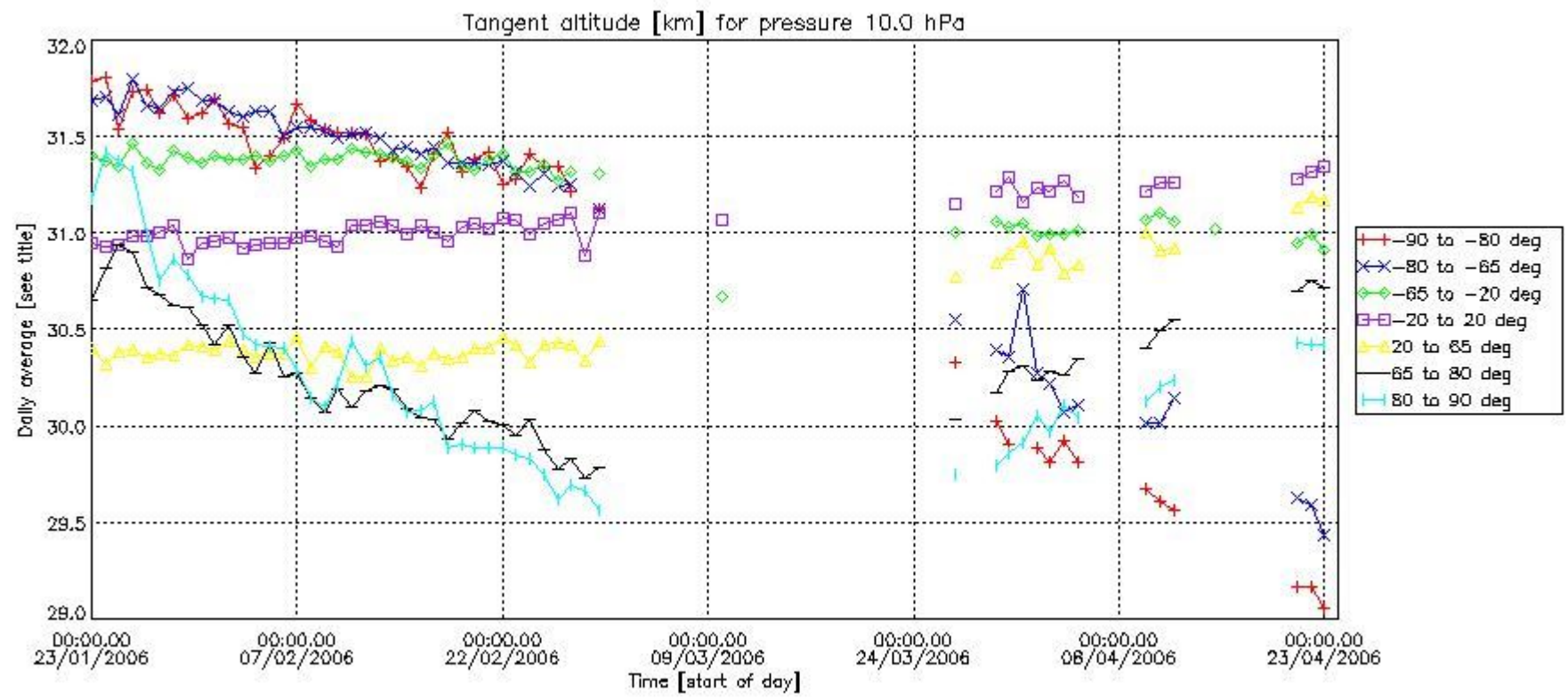




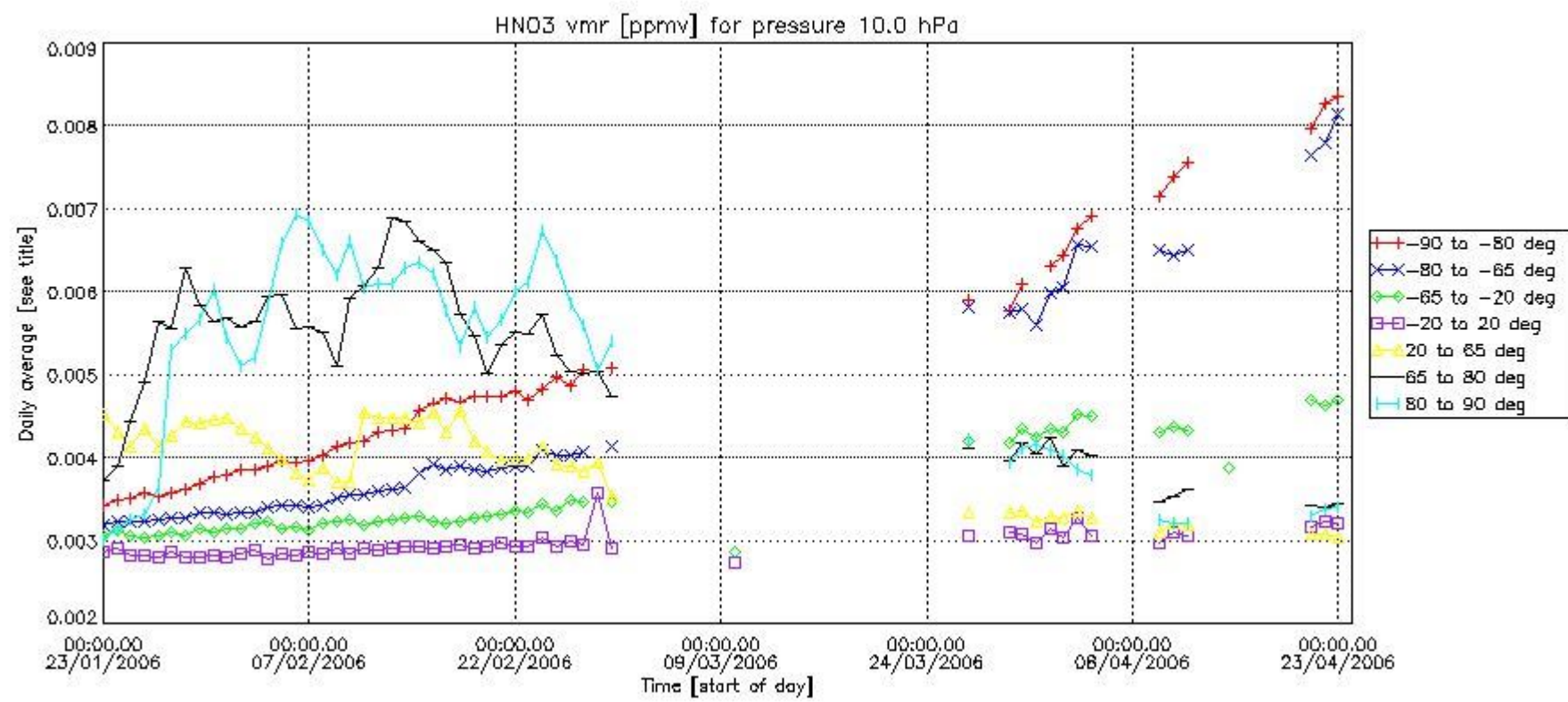
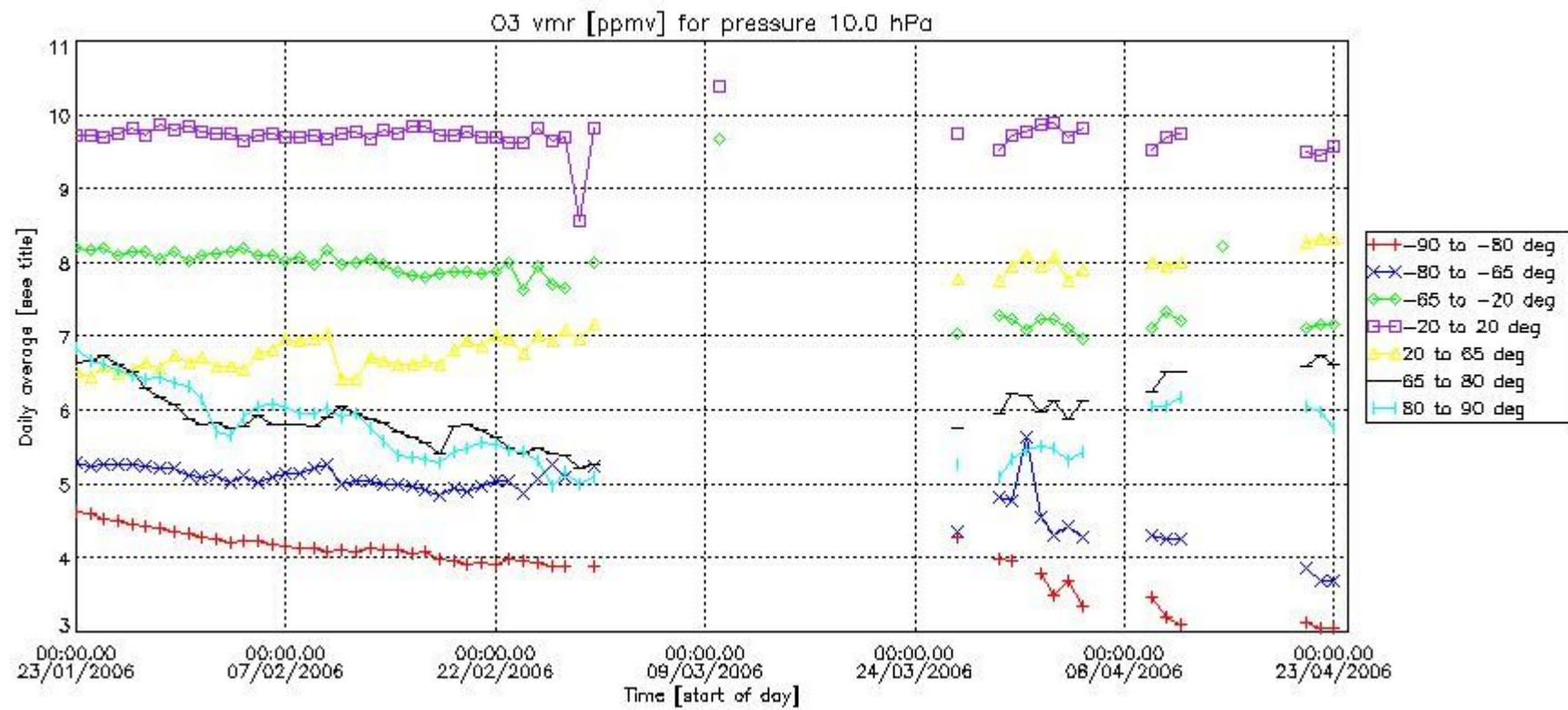


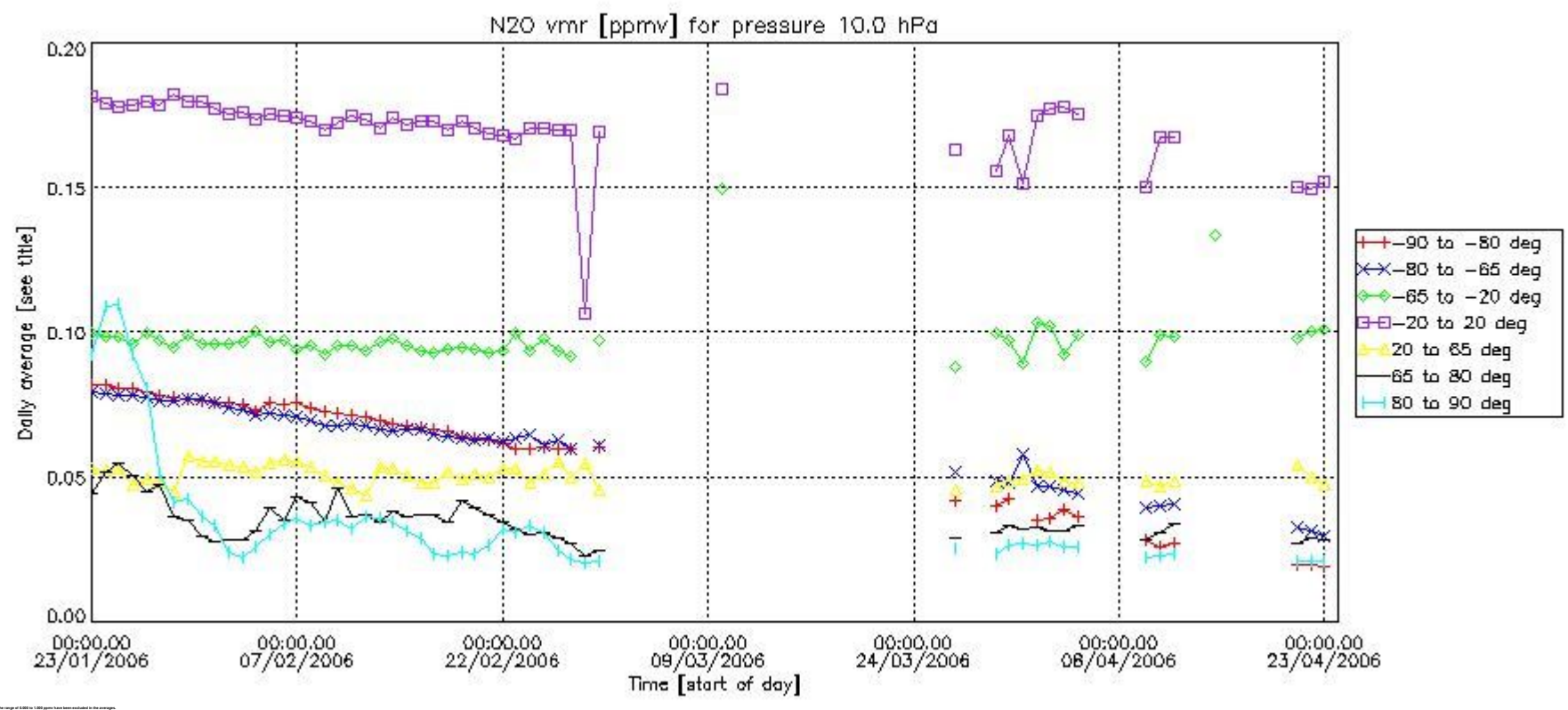
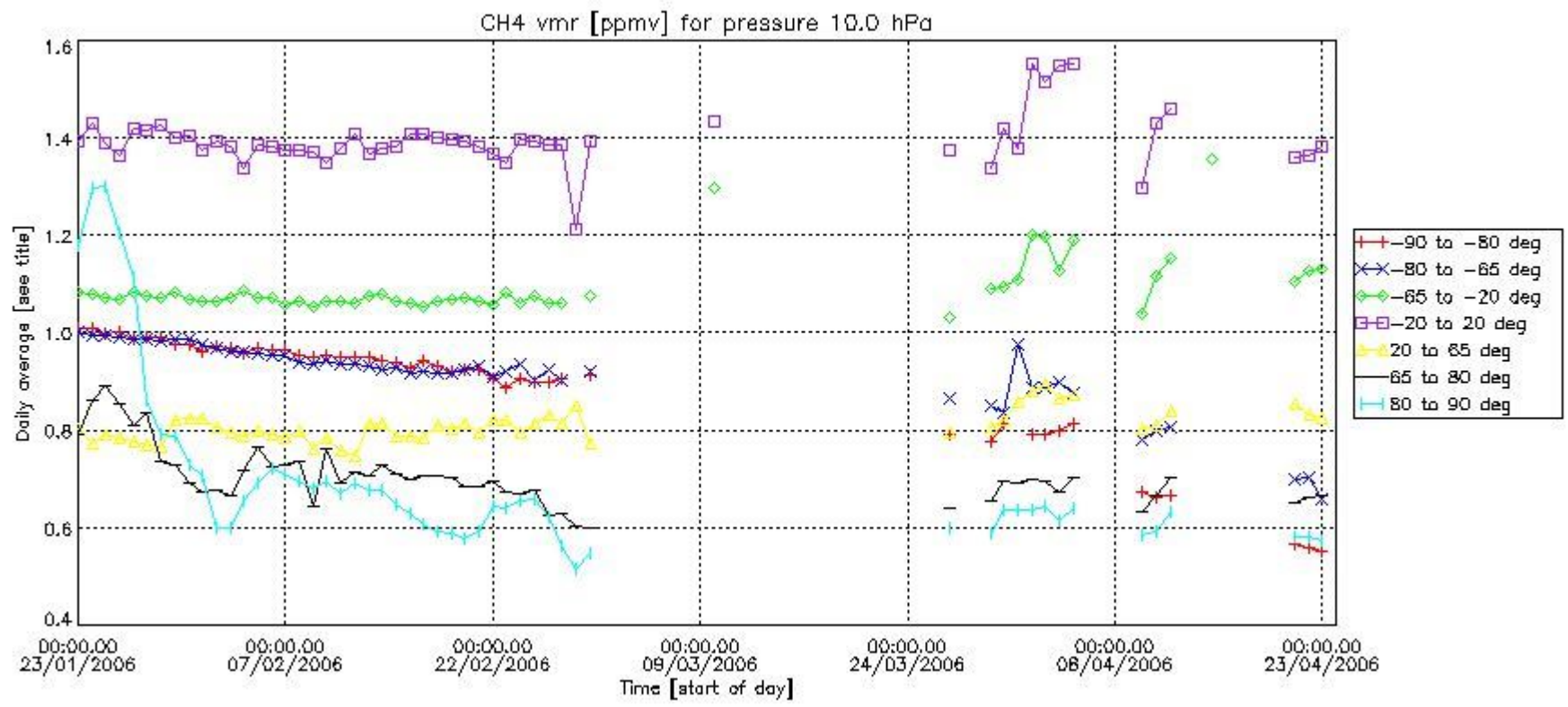




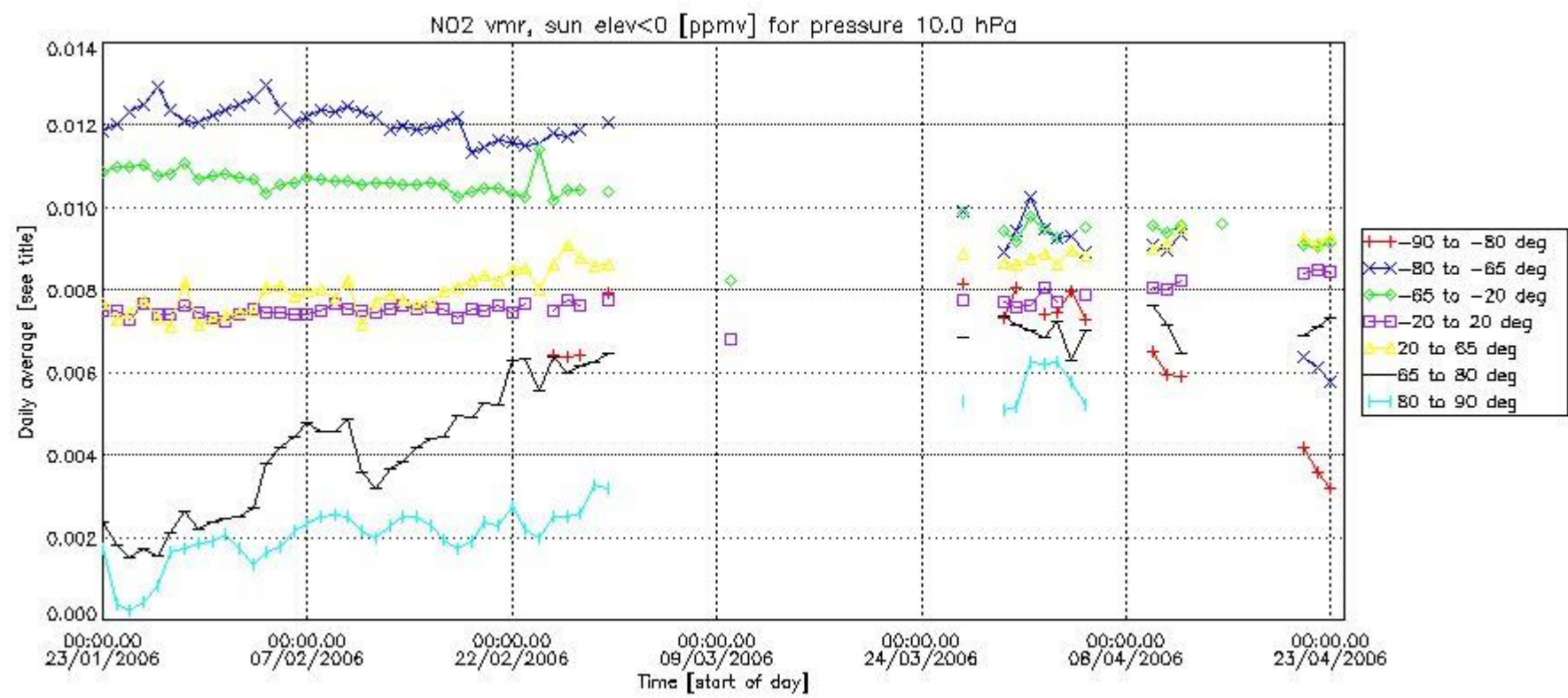
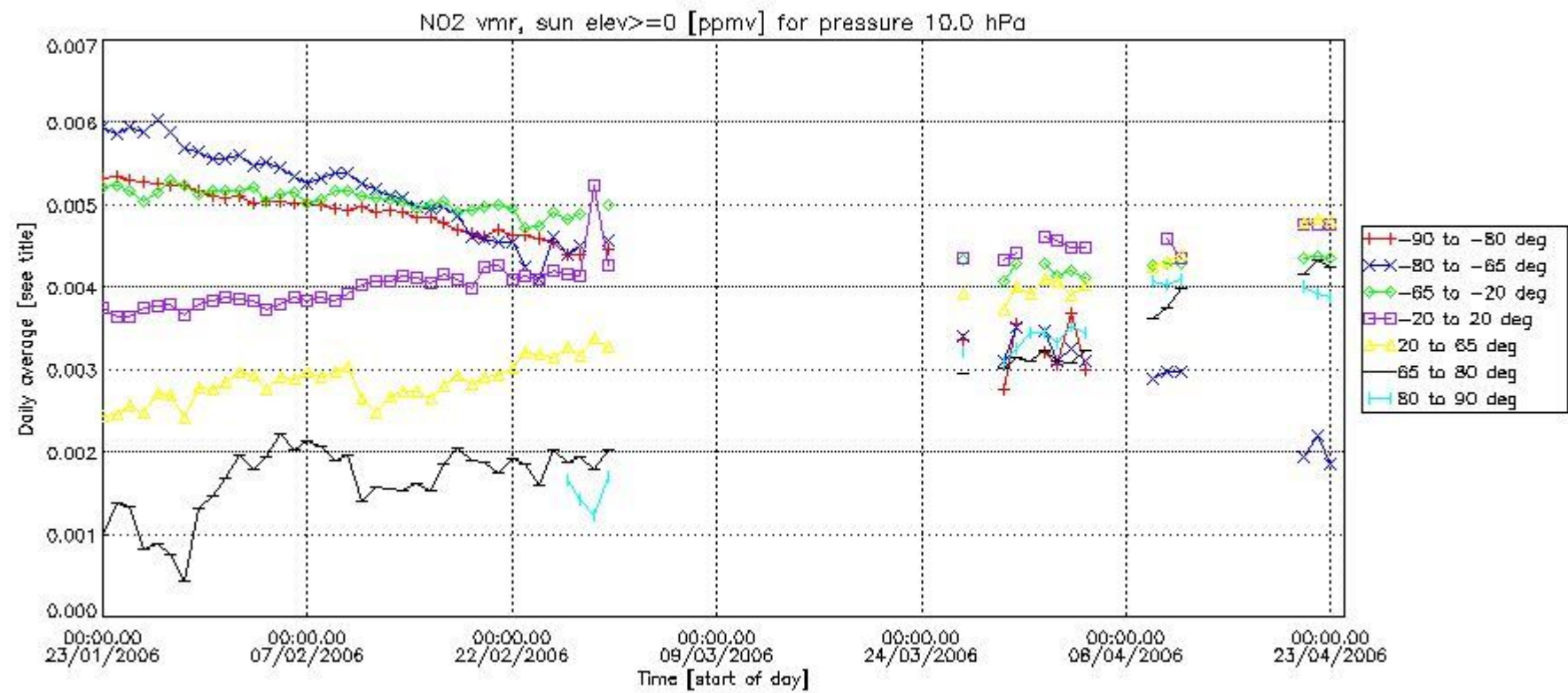




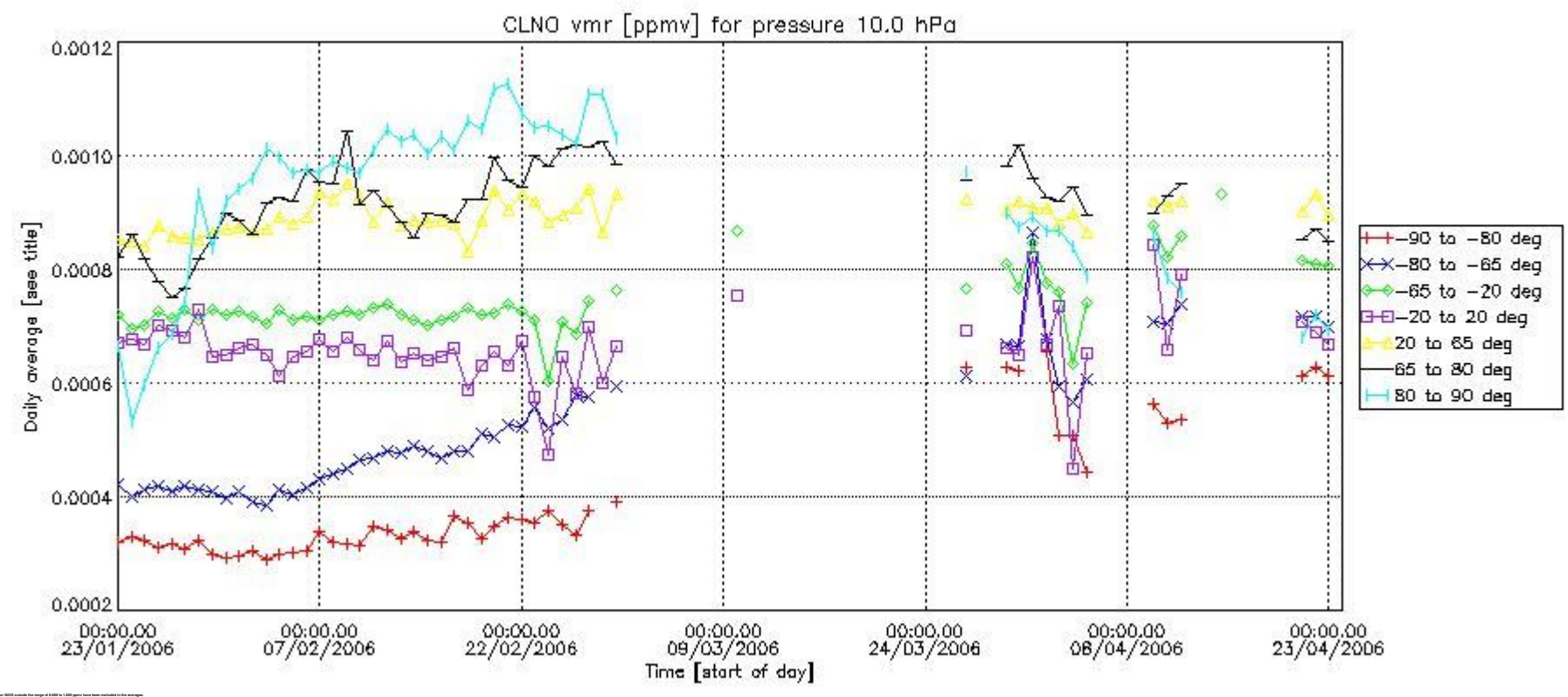
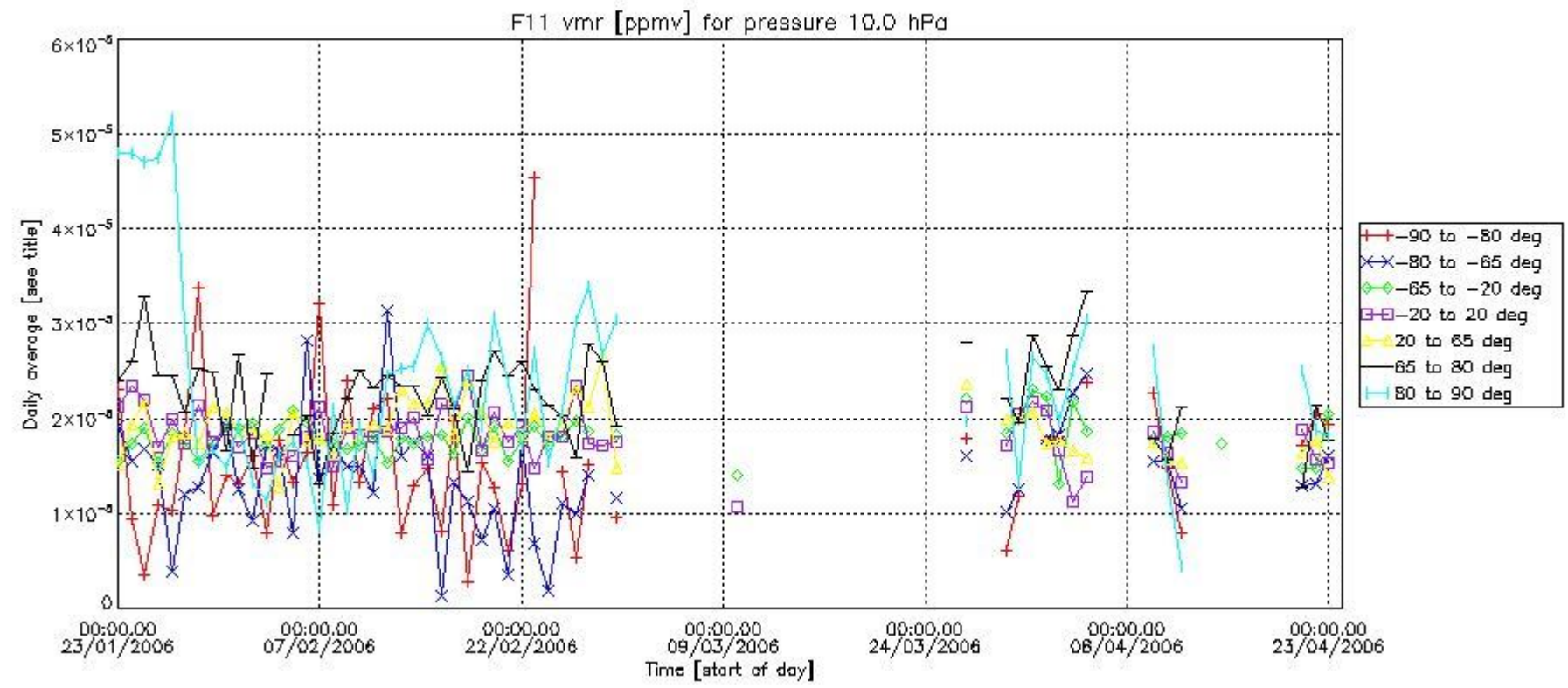


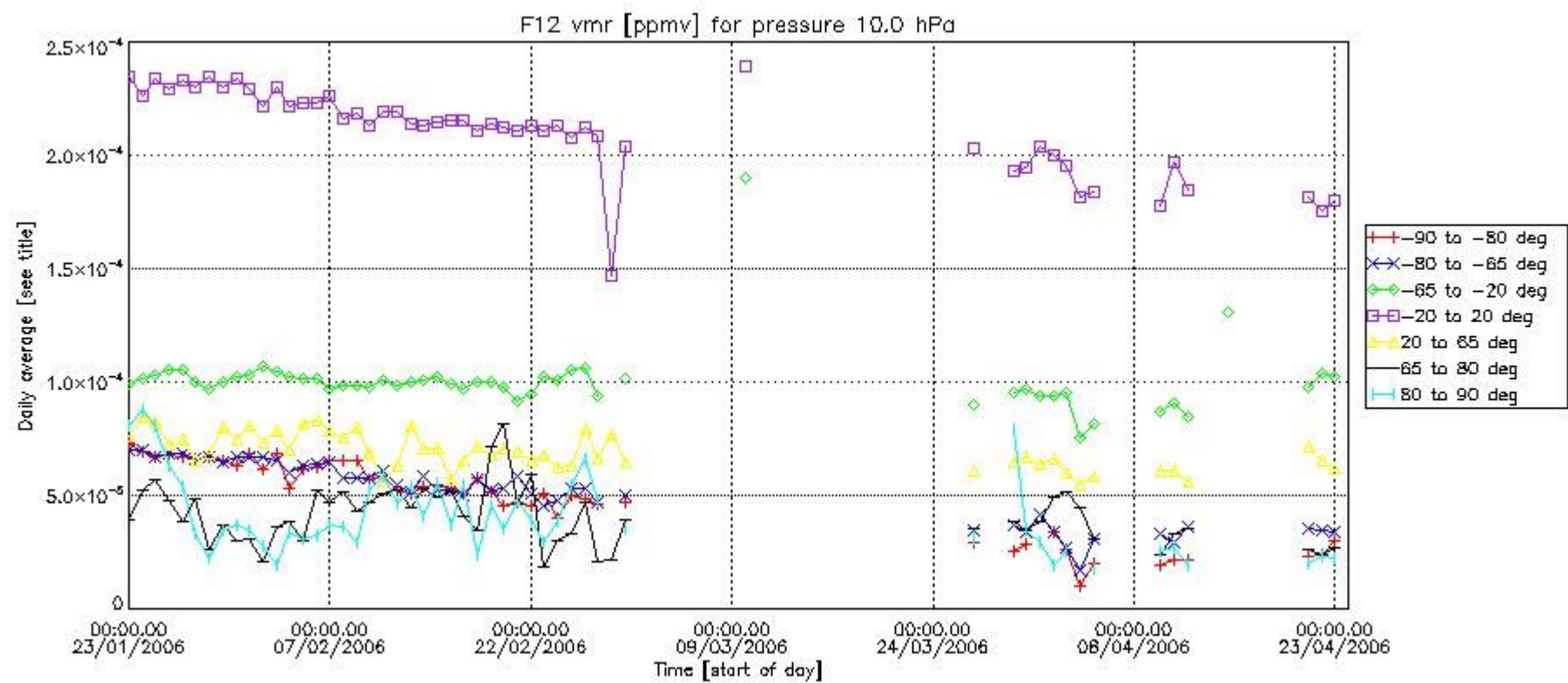
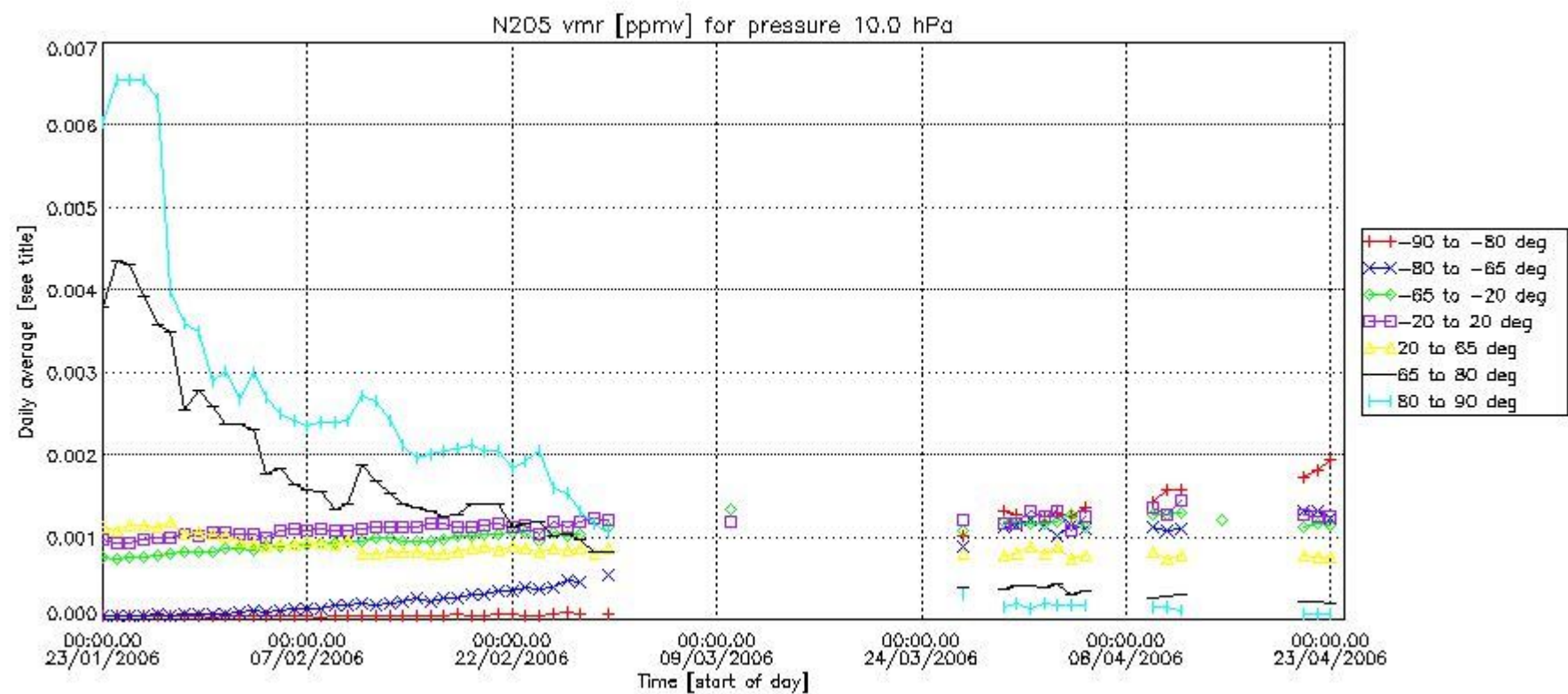




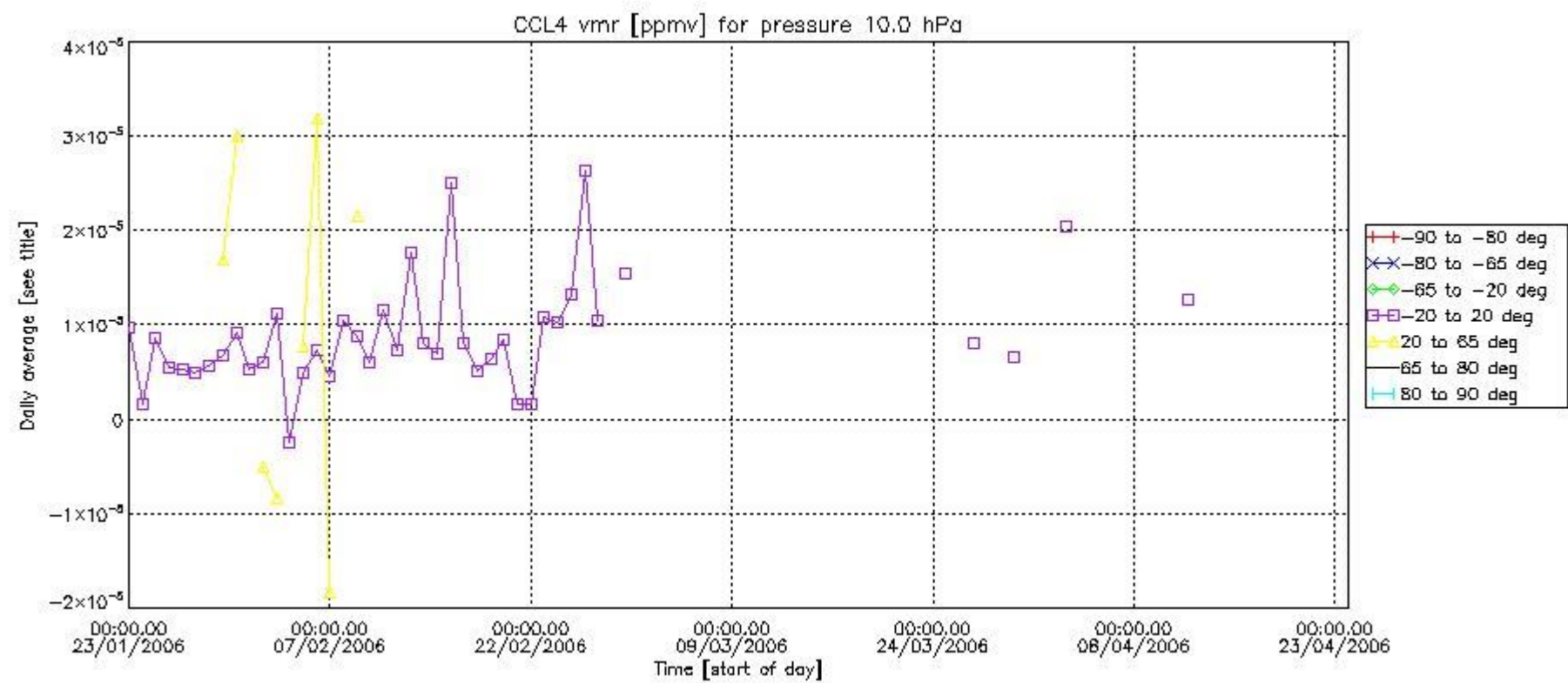
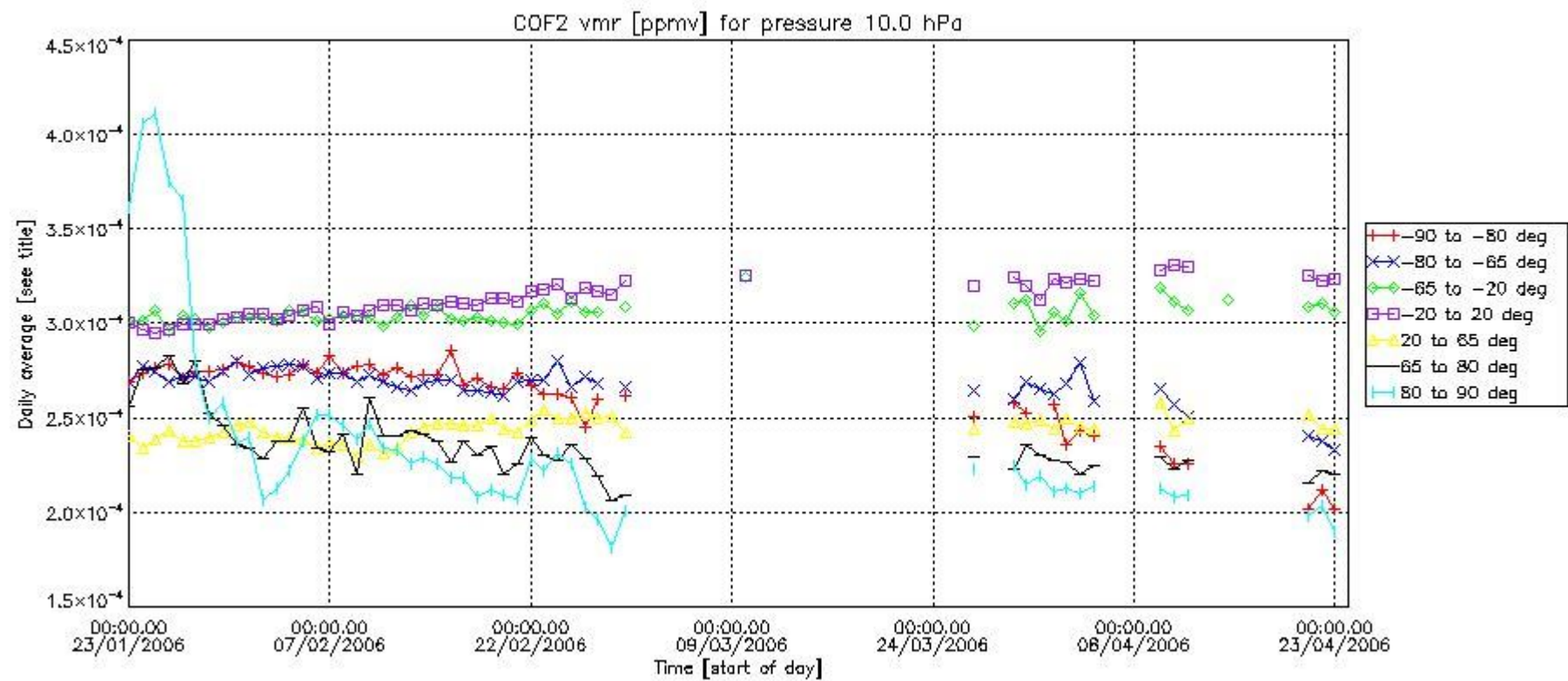




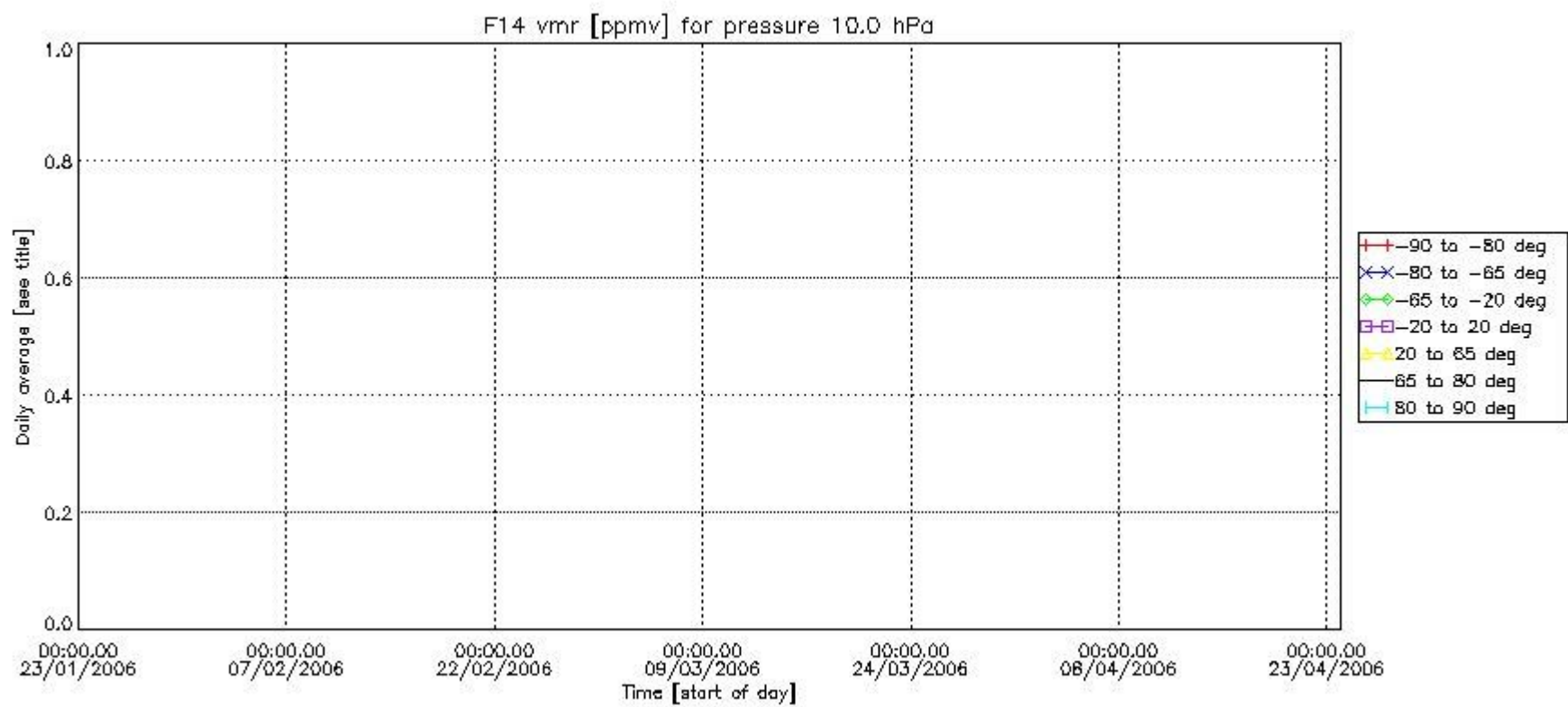
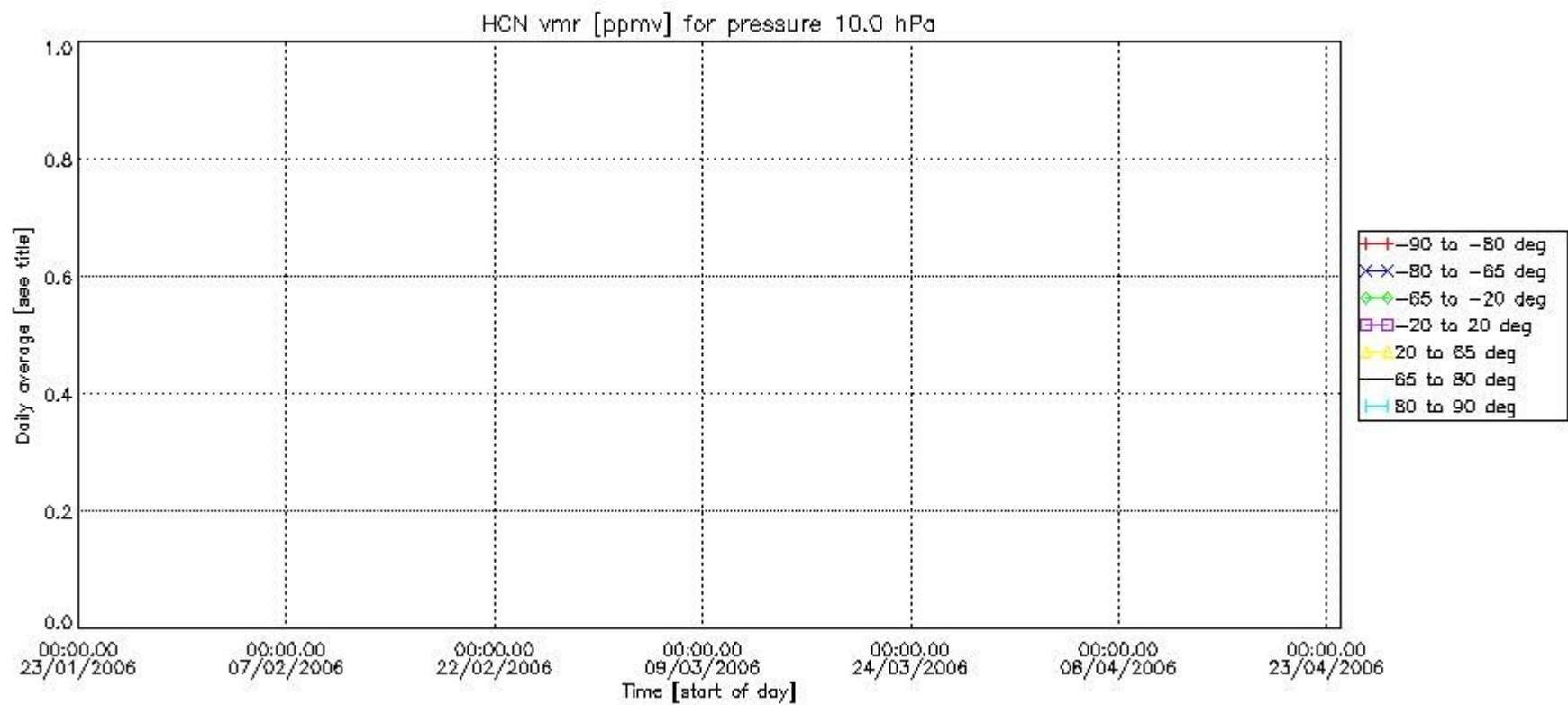


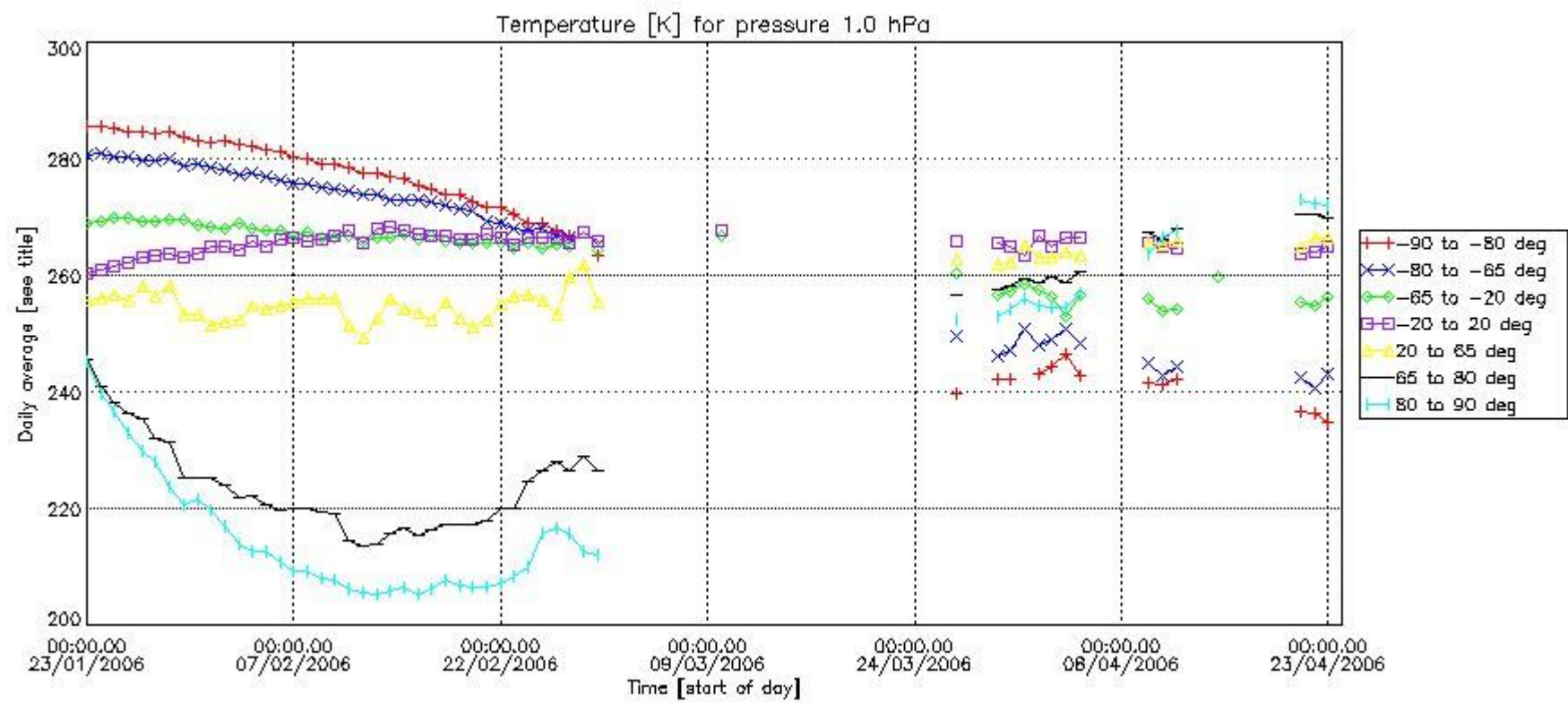
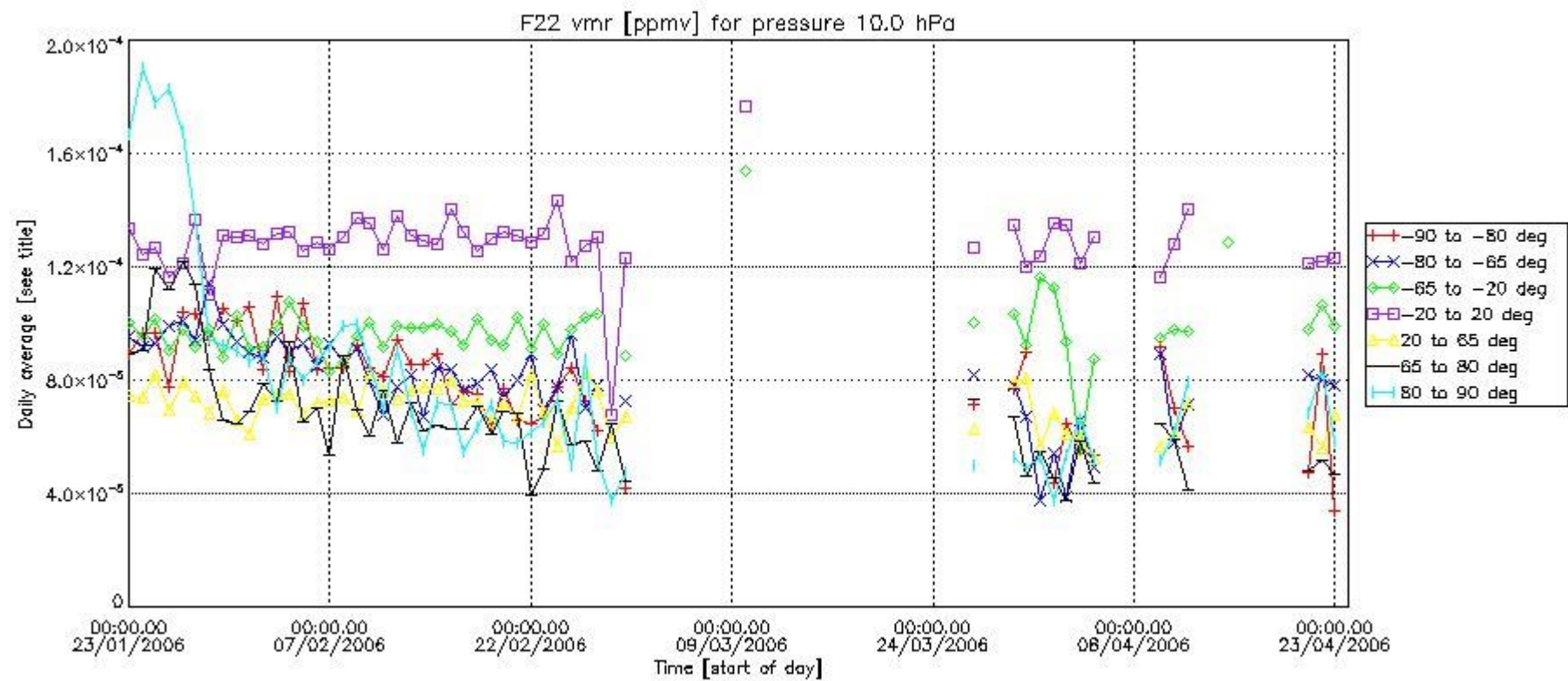


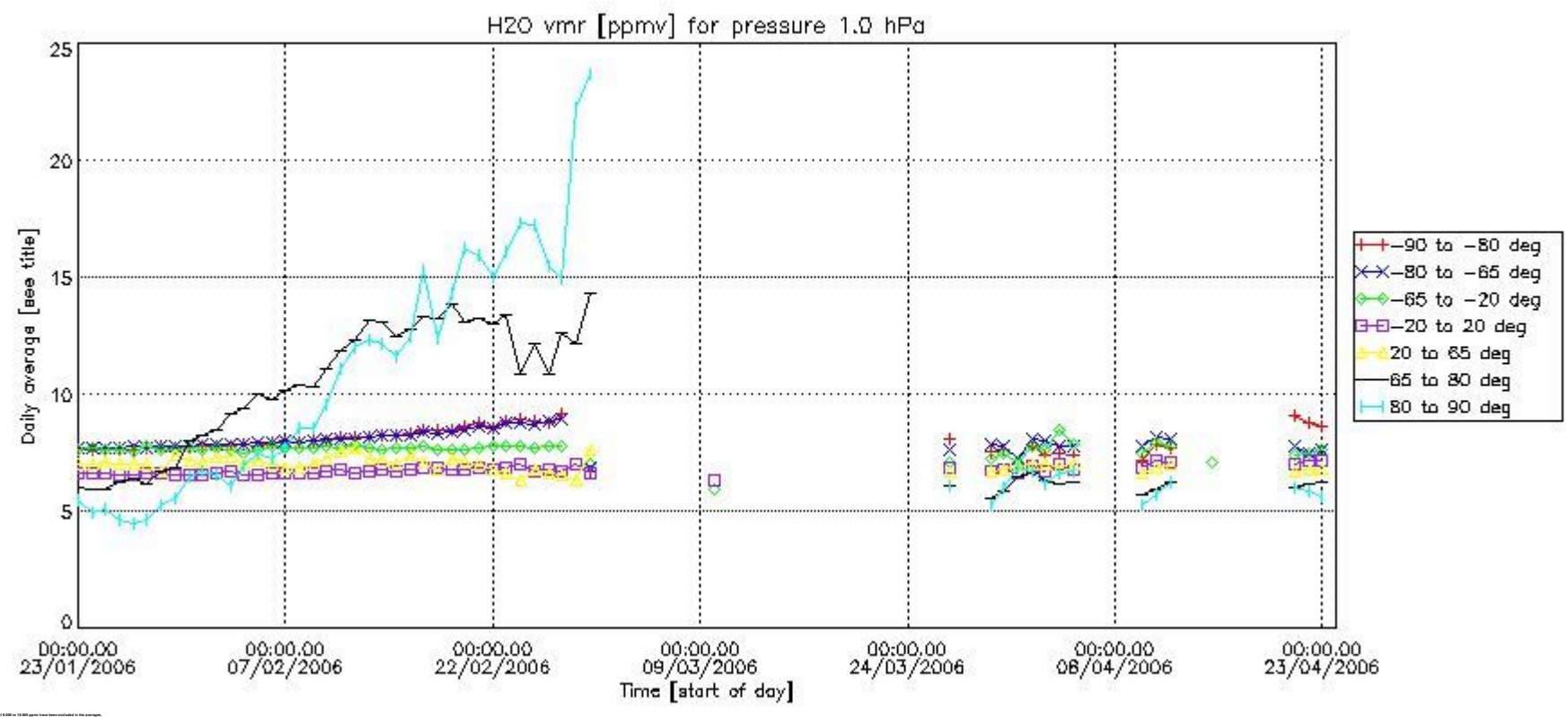
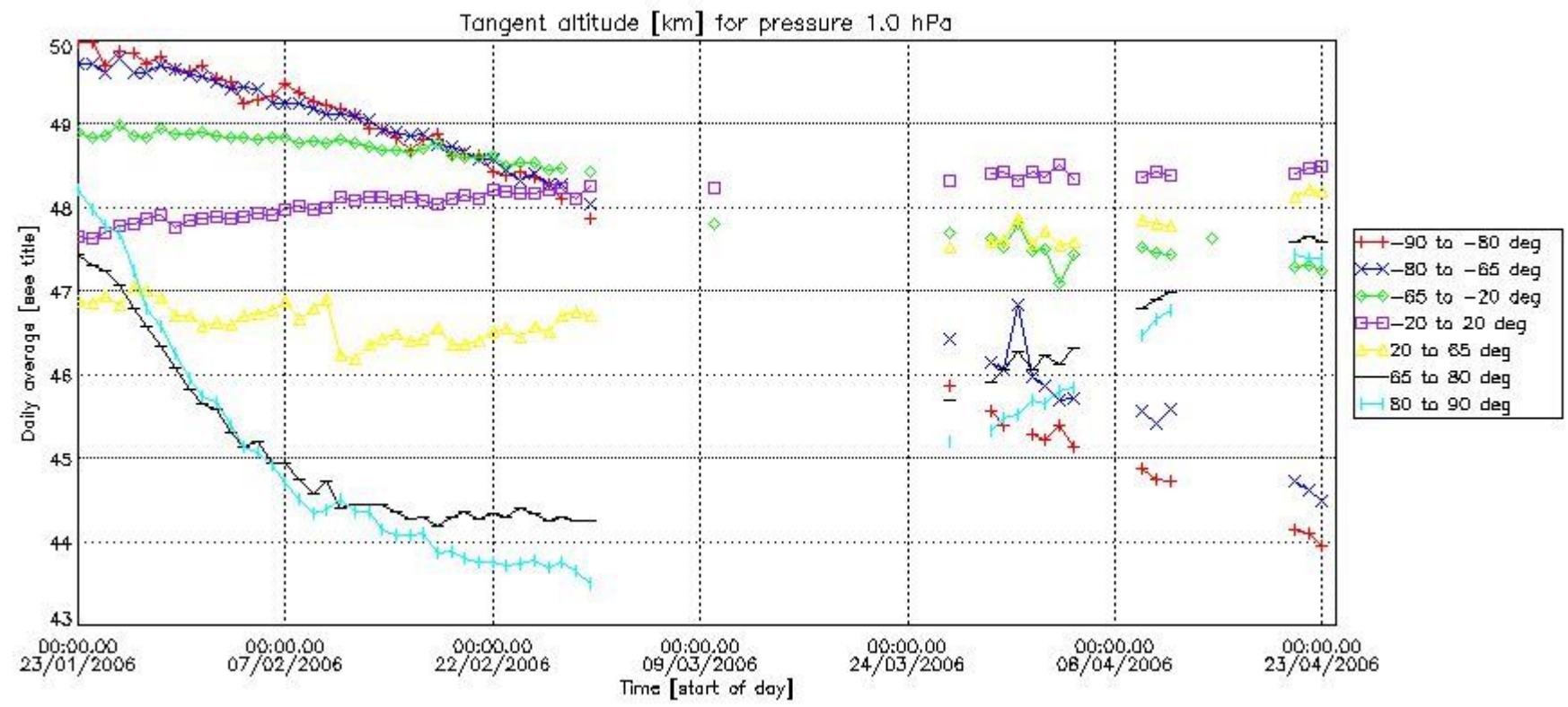




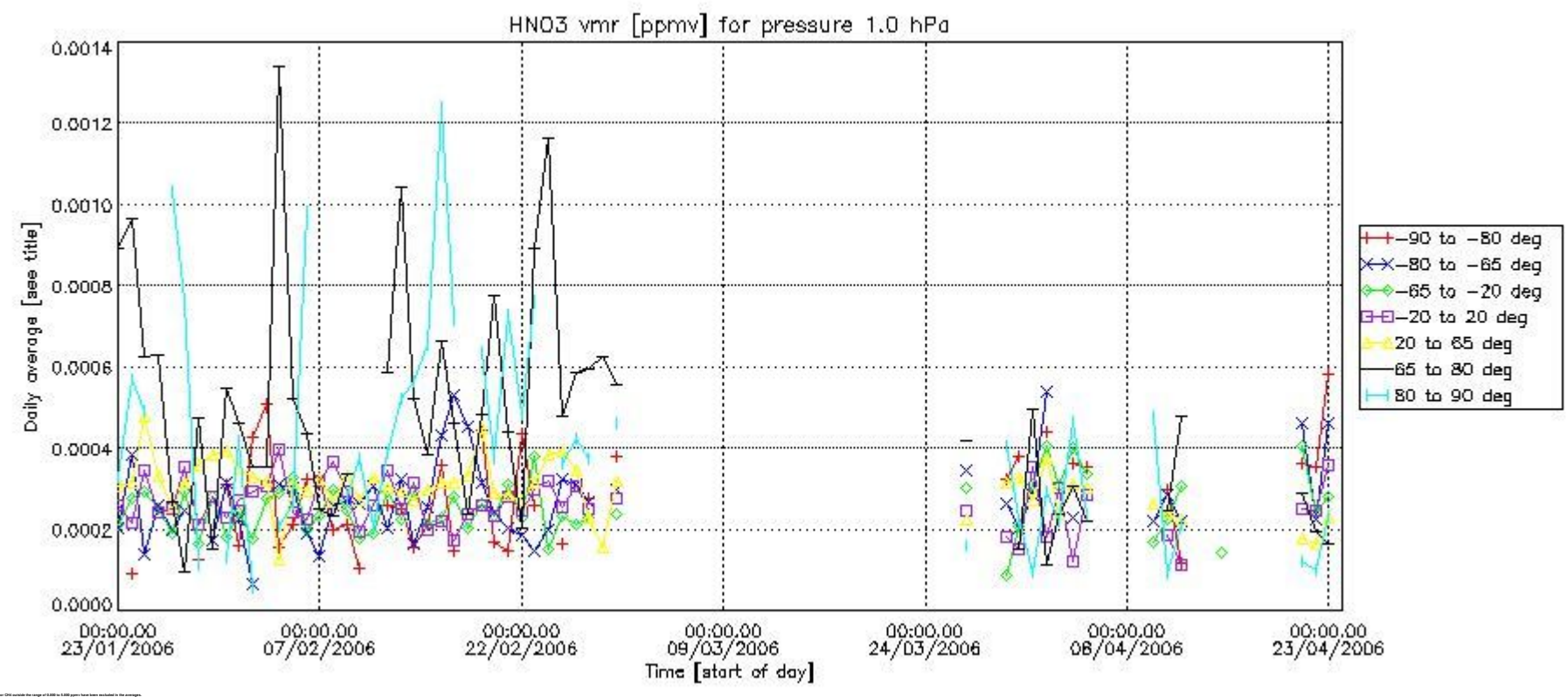
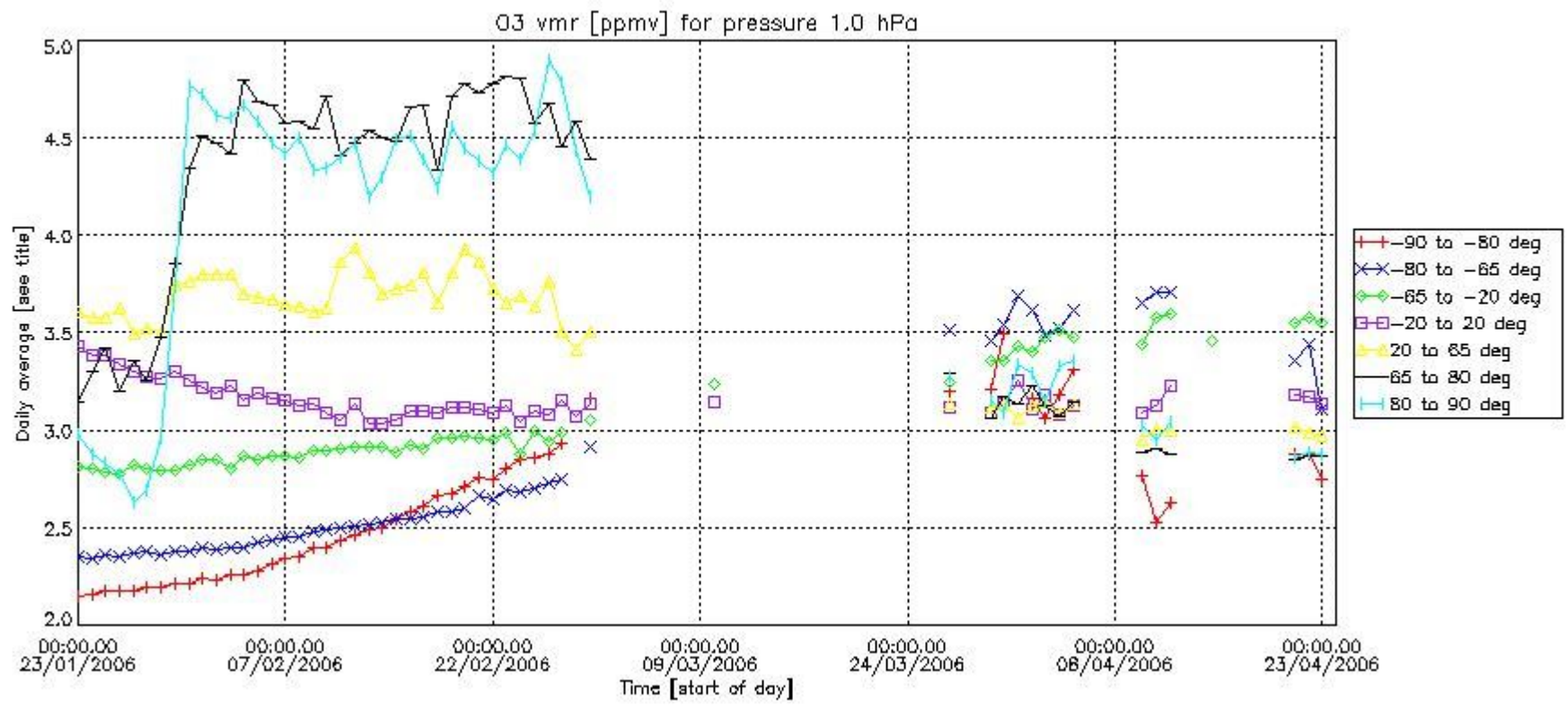


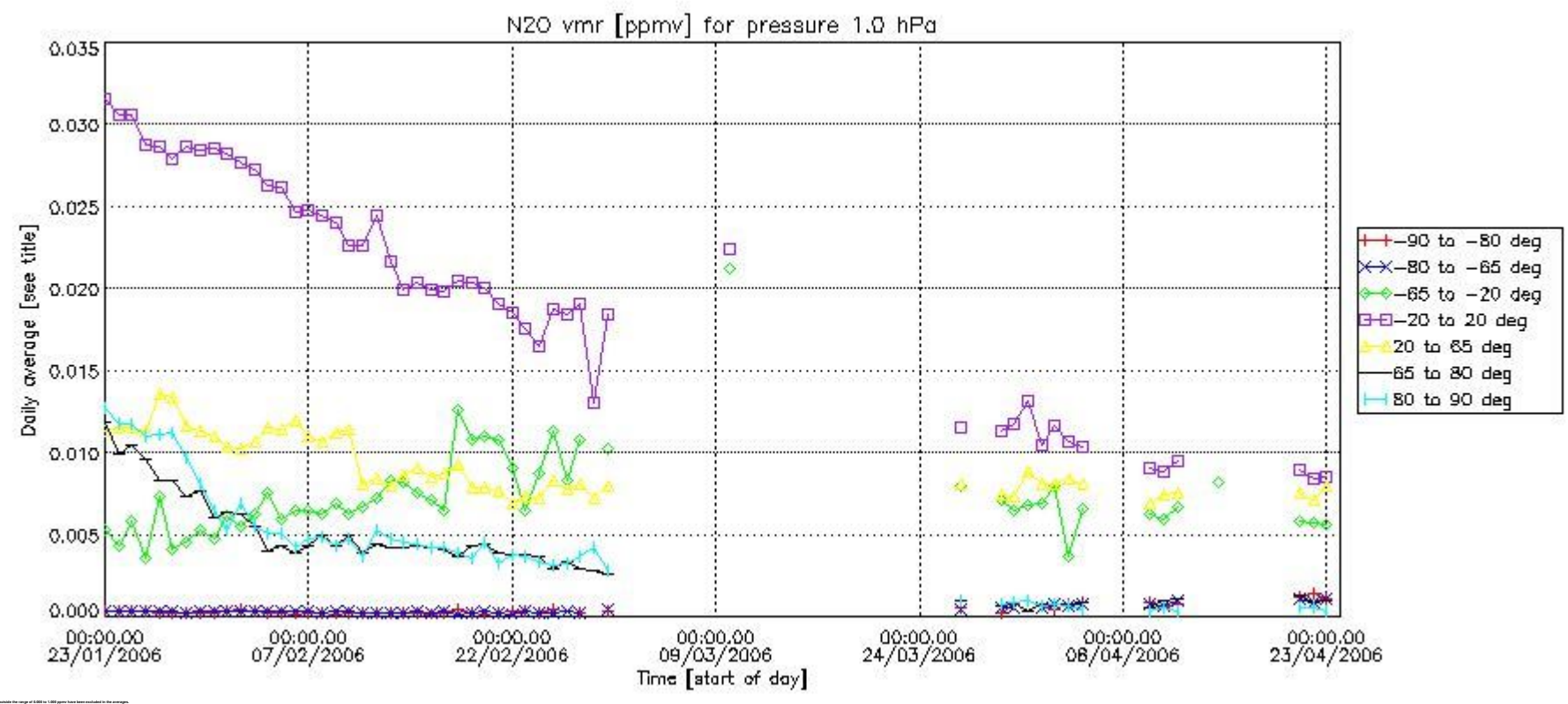
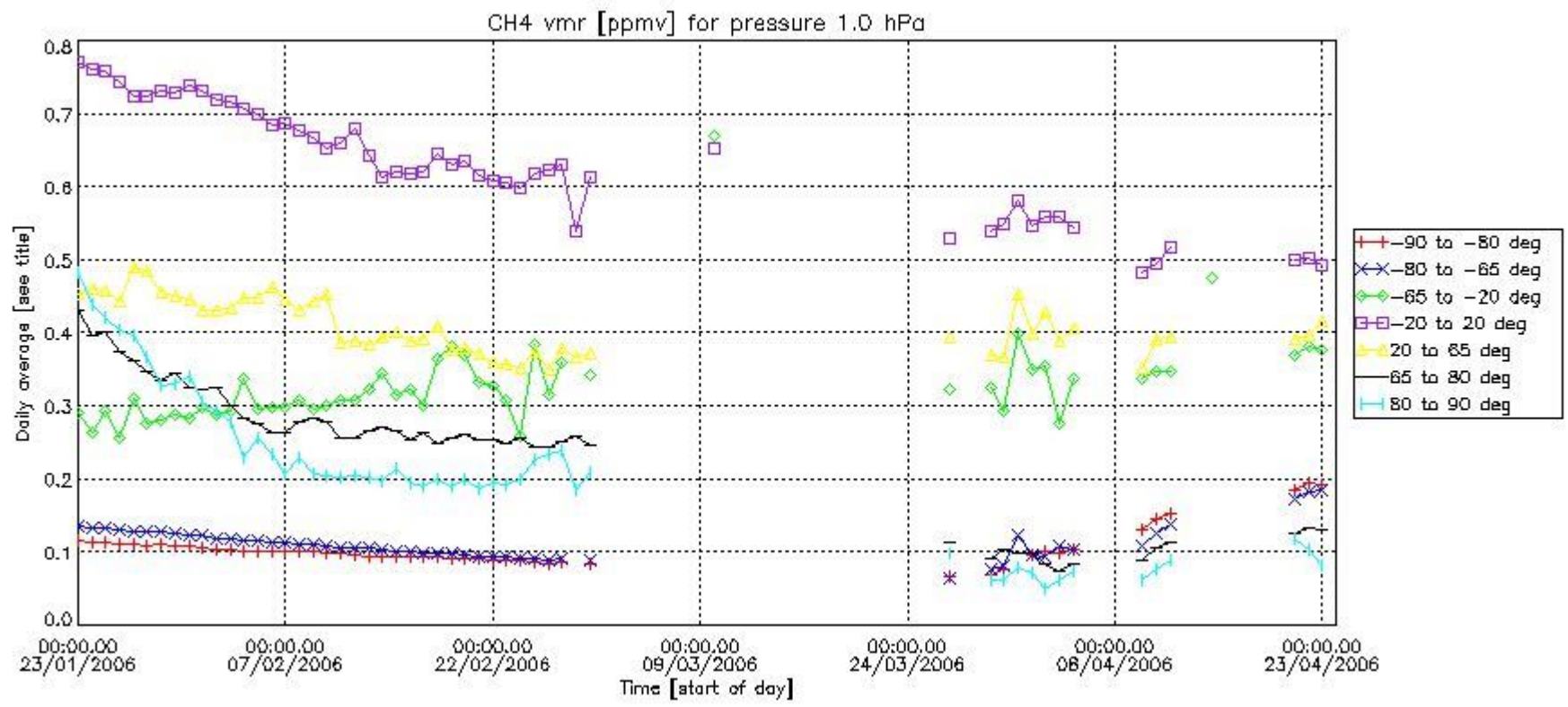




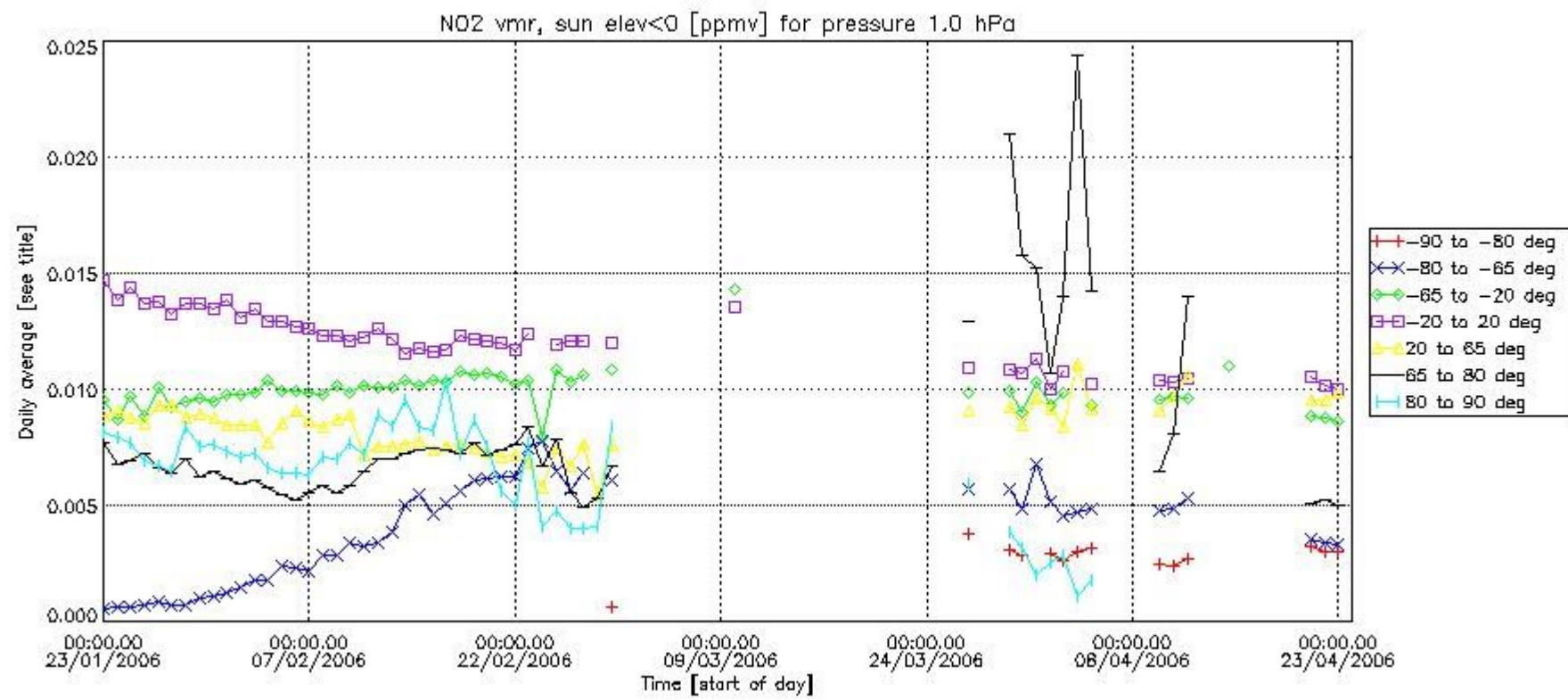
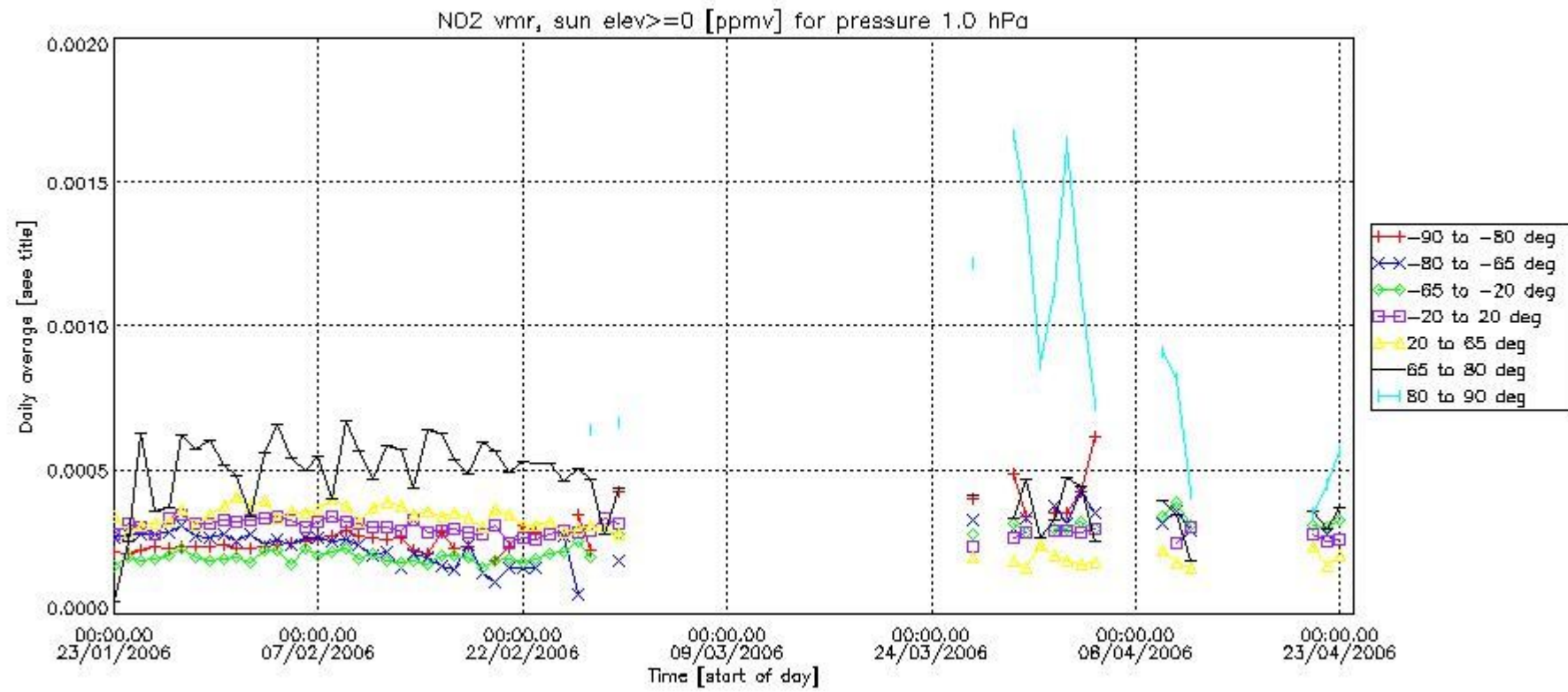




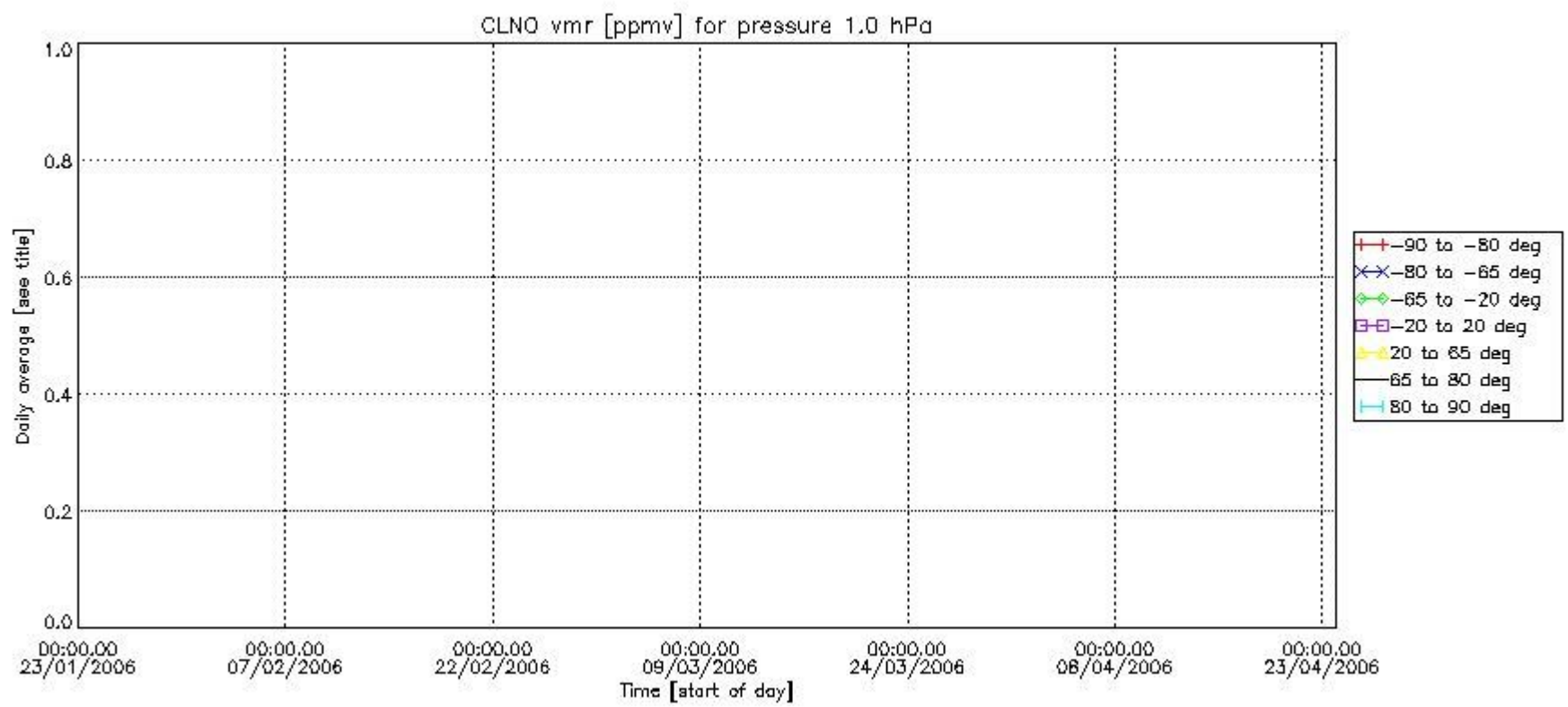
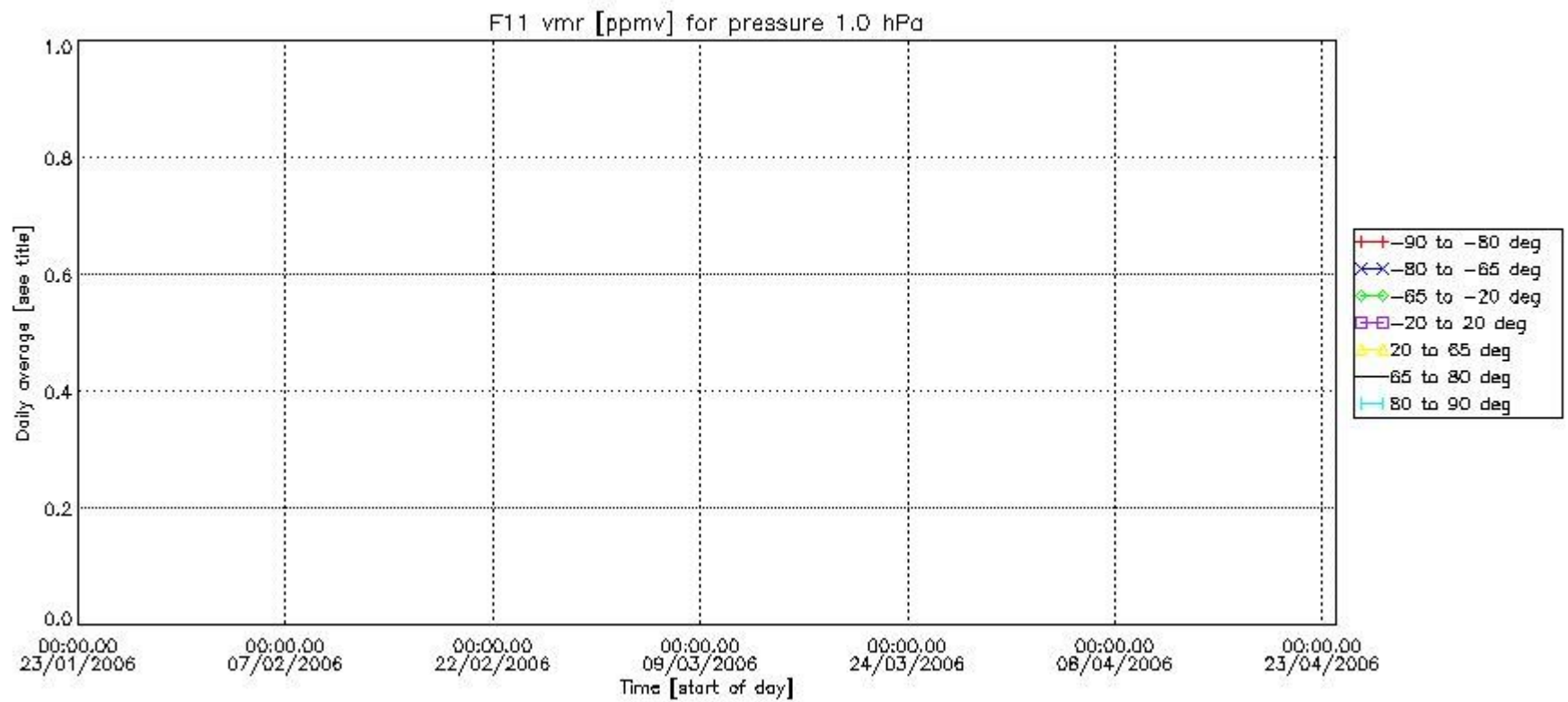


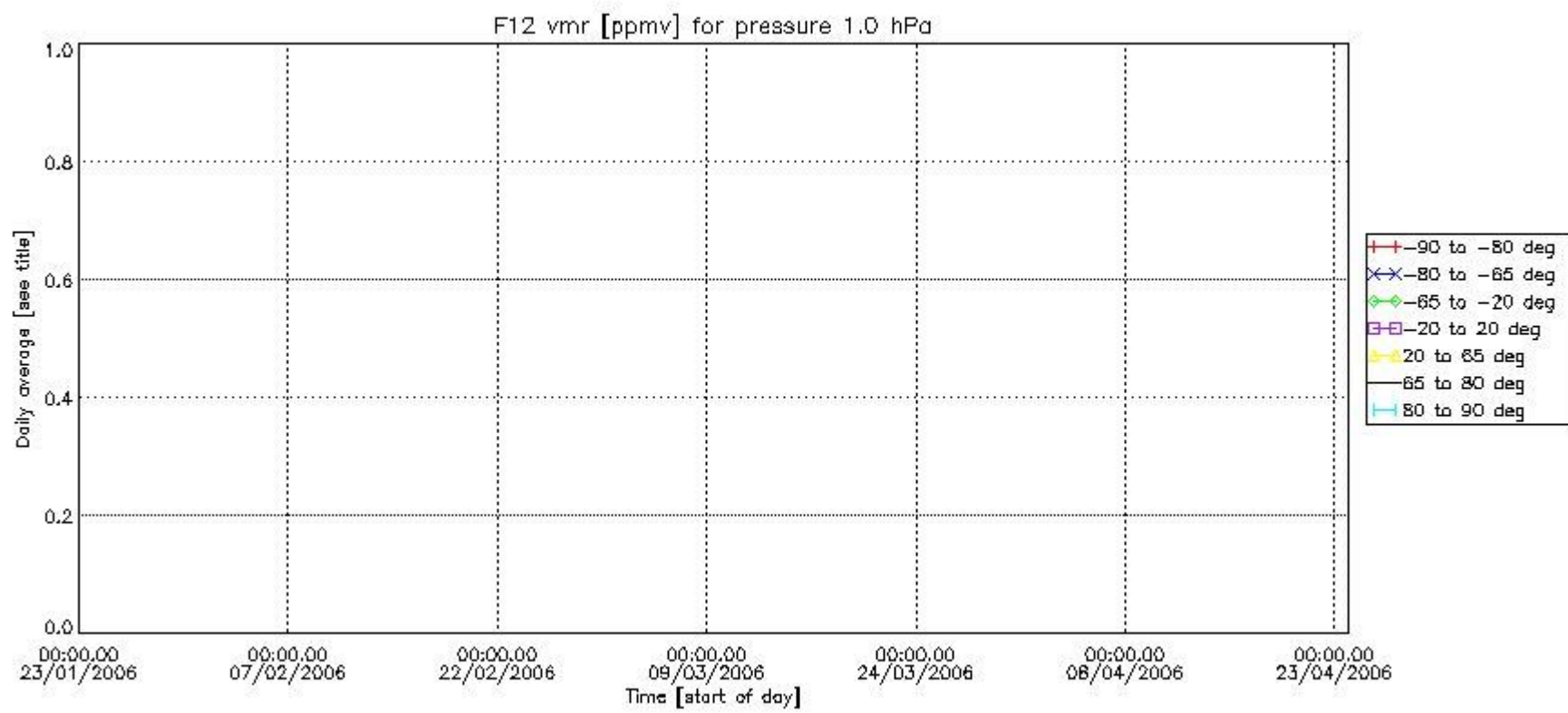
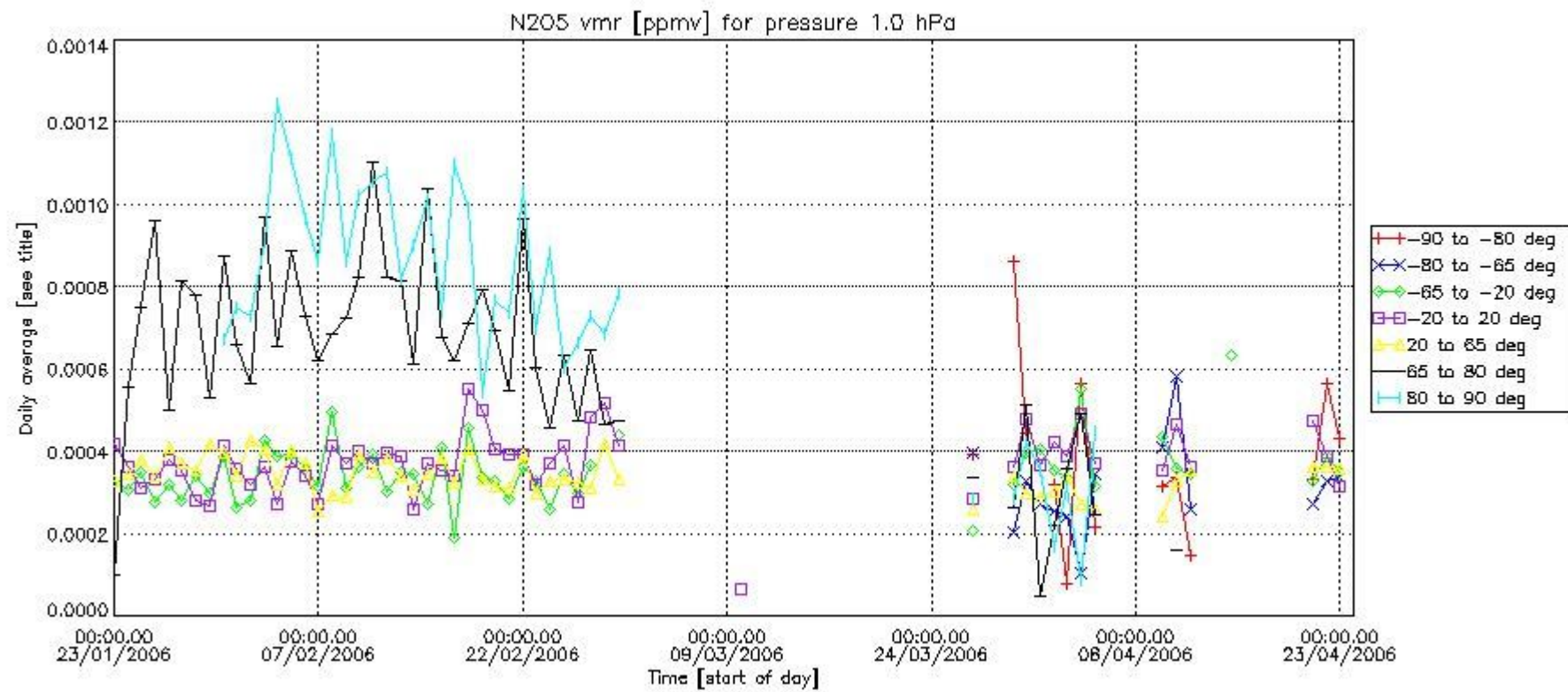


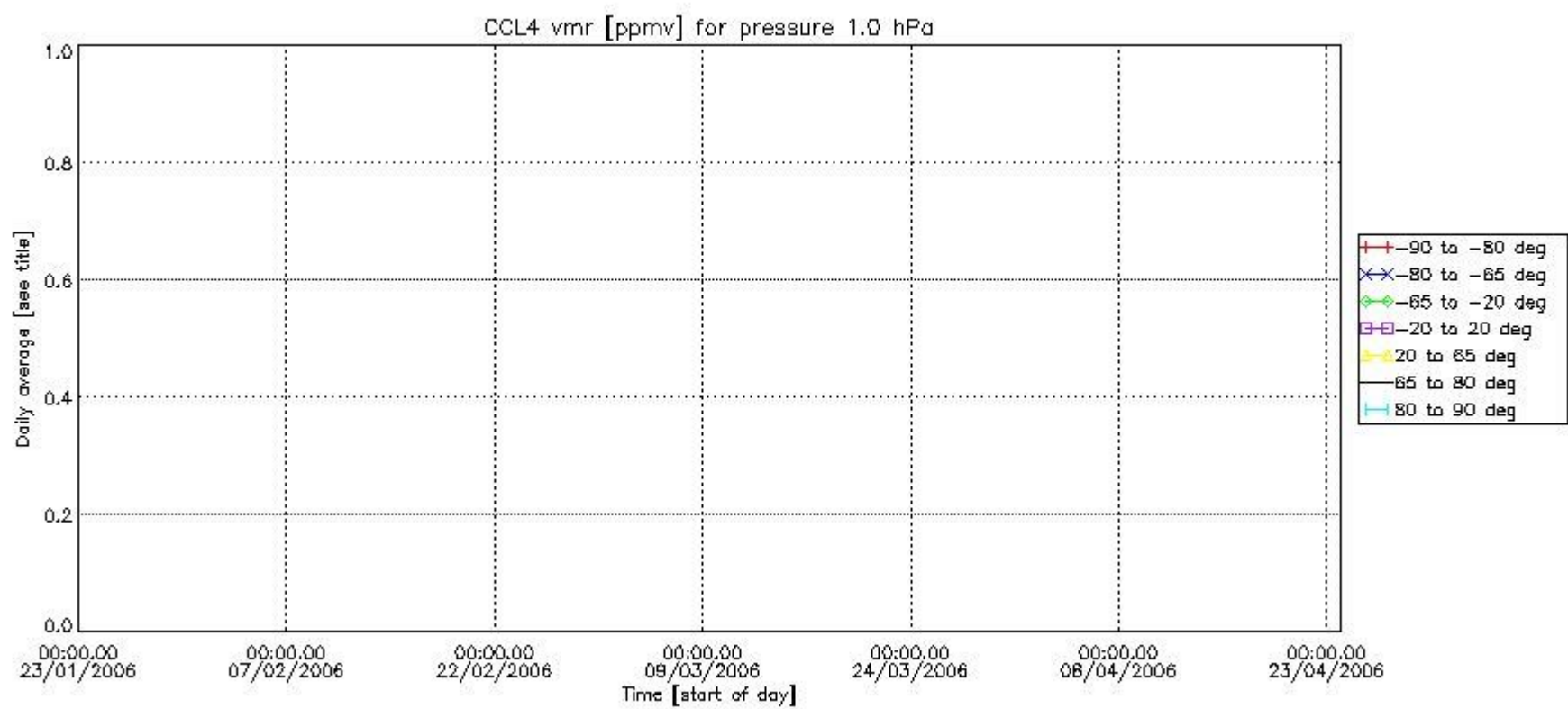
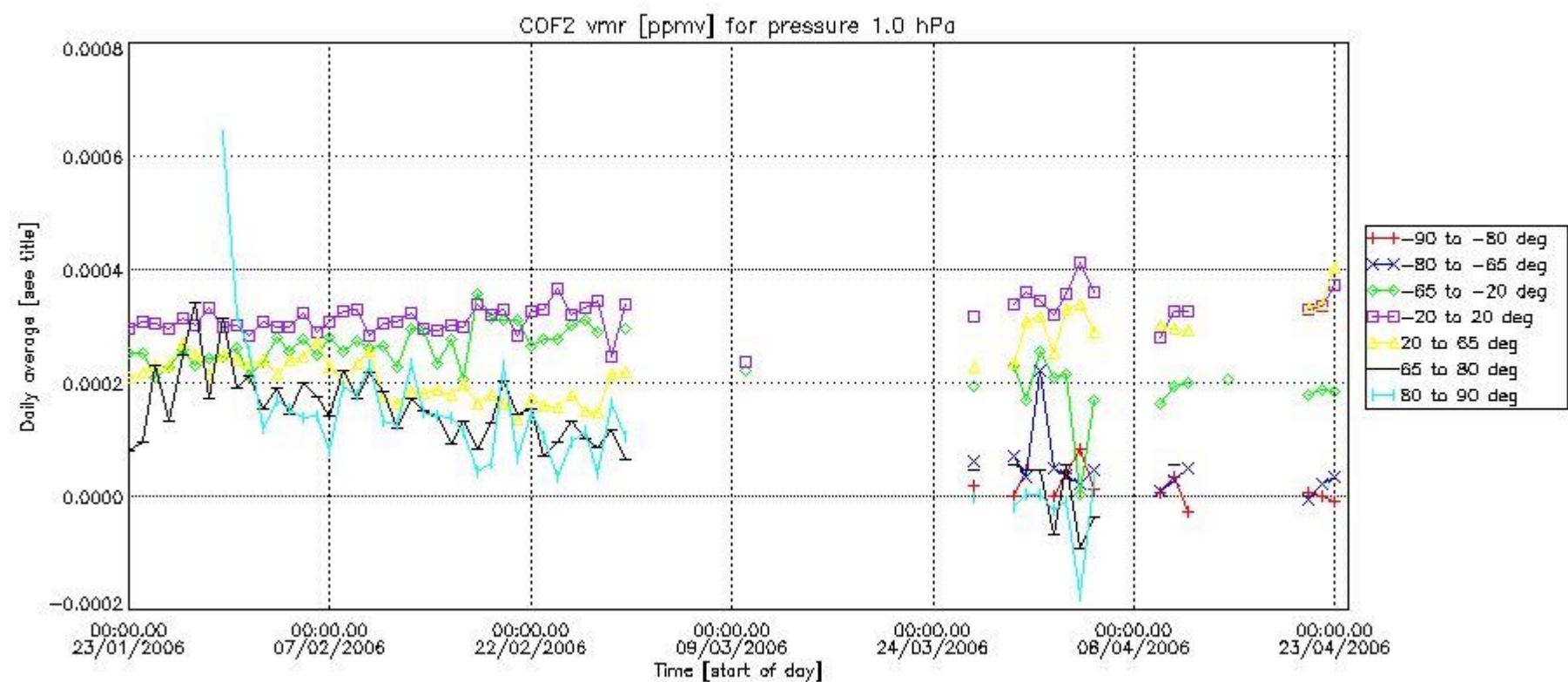




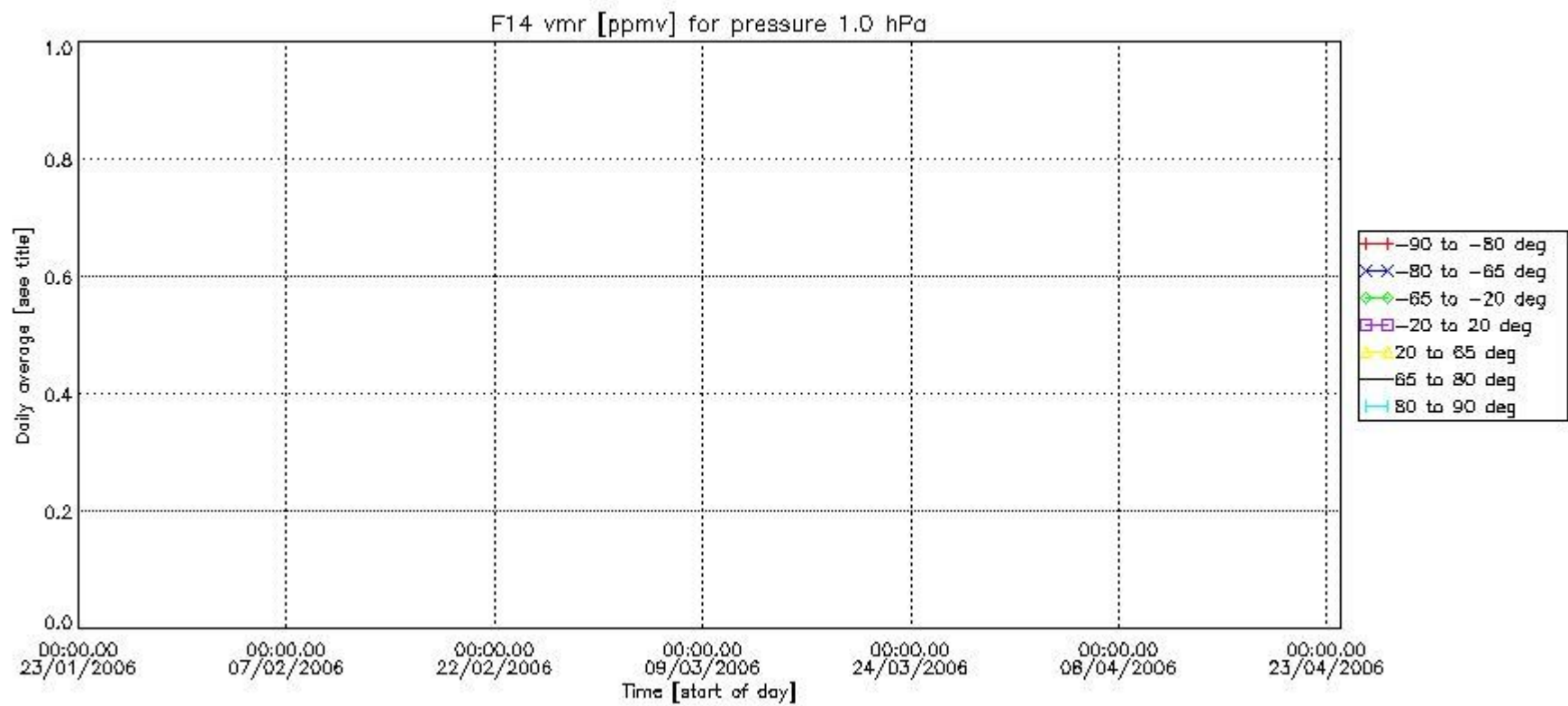
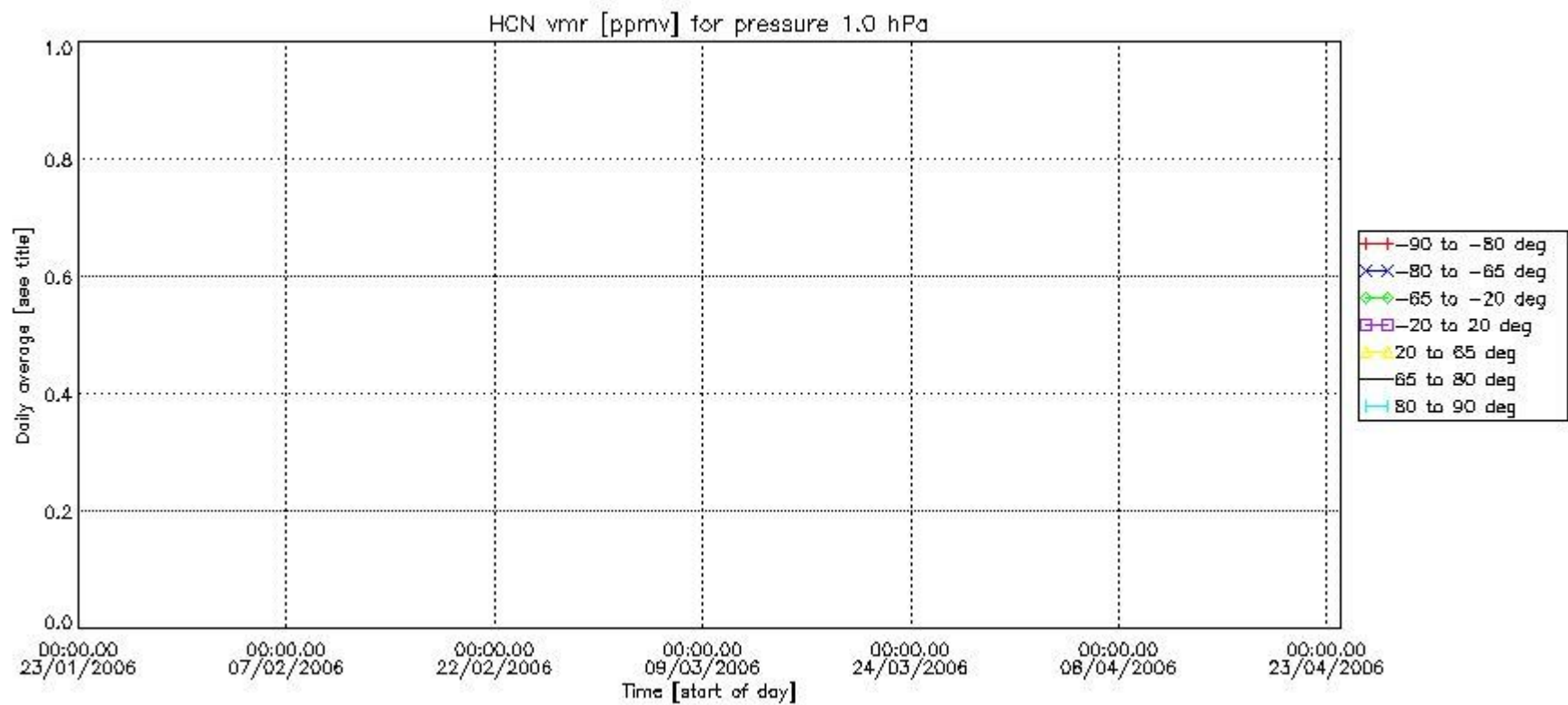


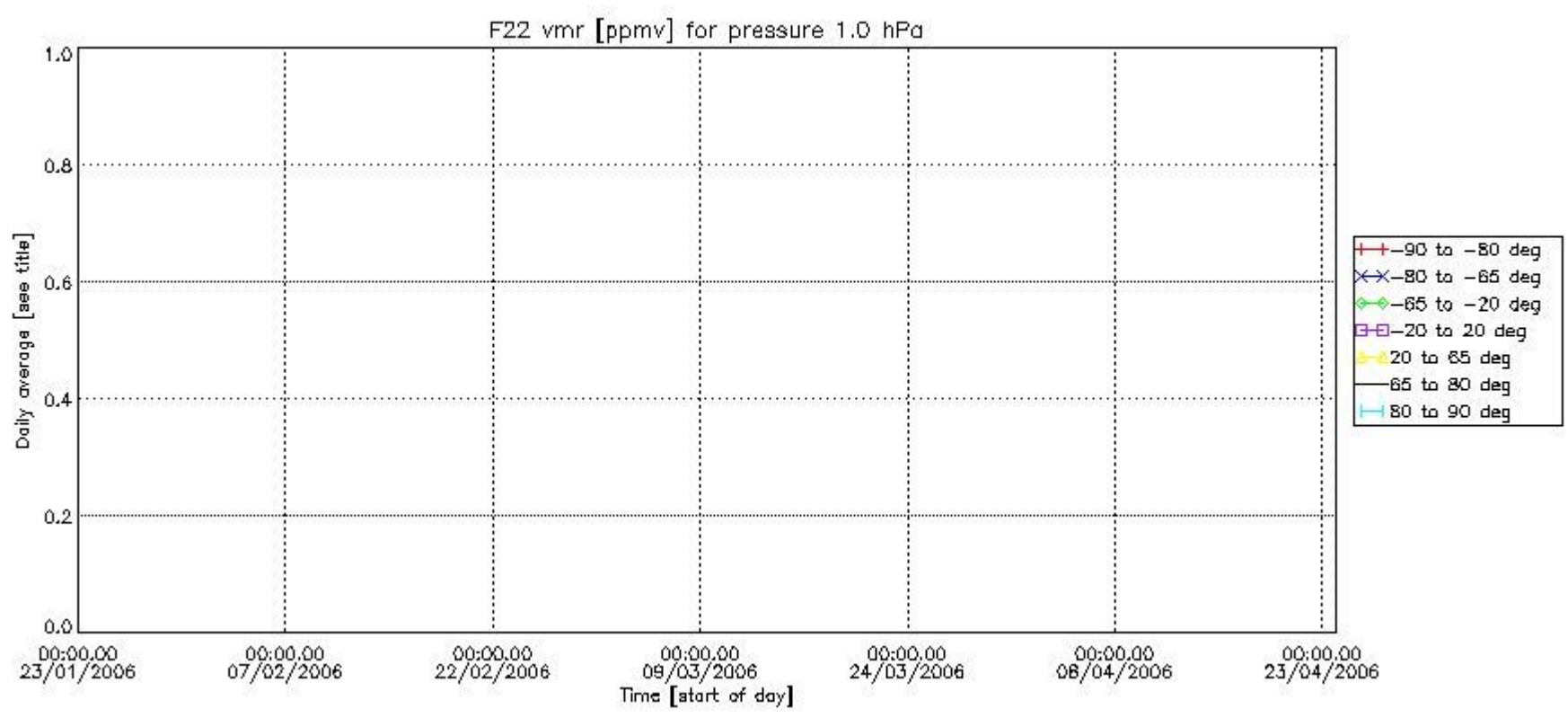












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

