

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060512.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 16:09:59
Data source version	ML2PP/7.03-W
Processing scope for products	12MAY2006 00:00:00 to 13MAY2006 00:00:00
Start time of first product within scope	12MAY2006 04:16:34
Stop time of last product within scope	12MAY2006 22:00:58
Total number of level 2 products	5
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__2PWDSI20060512_041634_000042802047_00348_21945_1000.N1	12MAY2006 04:16:34	12MAY2006 05:27:54	0	90/90	
1	MIP_NL__2PWDSI20060512_052844_000060302047_00349_21946_1000.N1	12MAY2006 05:28:44	12MAY2006 07:09:14	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:3; HCN/micro:2]
2	MIP_NL__2PWDSI20060512_070920_000060302047_00350_21947_1000.N1	12MAY2006 07:09:20	12MAY2006 08:49:49	0	110/110	VMR_TERM_MACRO_MICRO[HCN/macro:1]
3	MIP_NL__2PWDSI20060512_084956_000020122047_00351_21948_1000.N1	12MAY2006 08:49:56	12MAY2006 09:23:28	0	44/44	
4	MIP_NL__2PWDSI20060512_203407_000052102047_00358_21955_1000.N1	12MAY2006 20:34:07	12MAY2006 22:00:58	0	110/110	

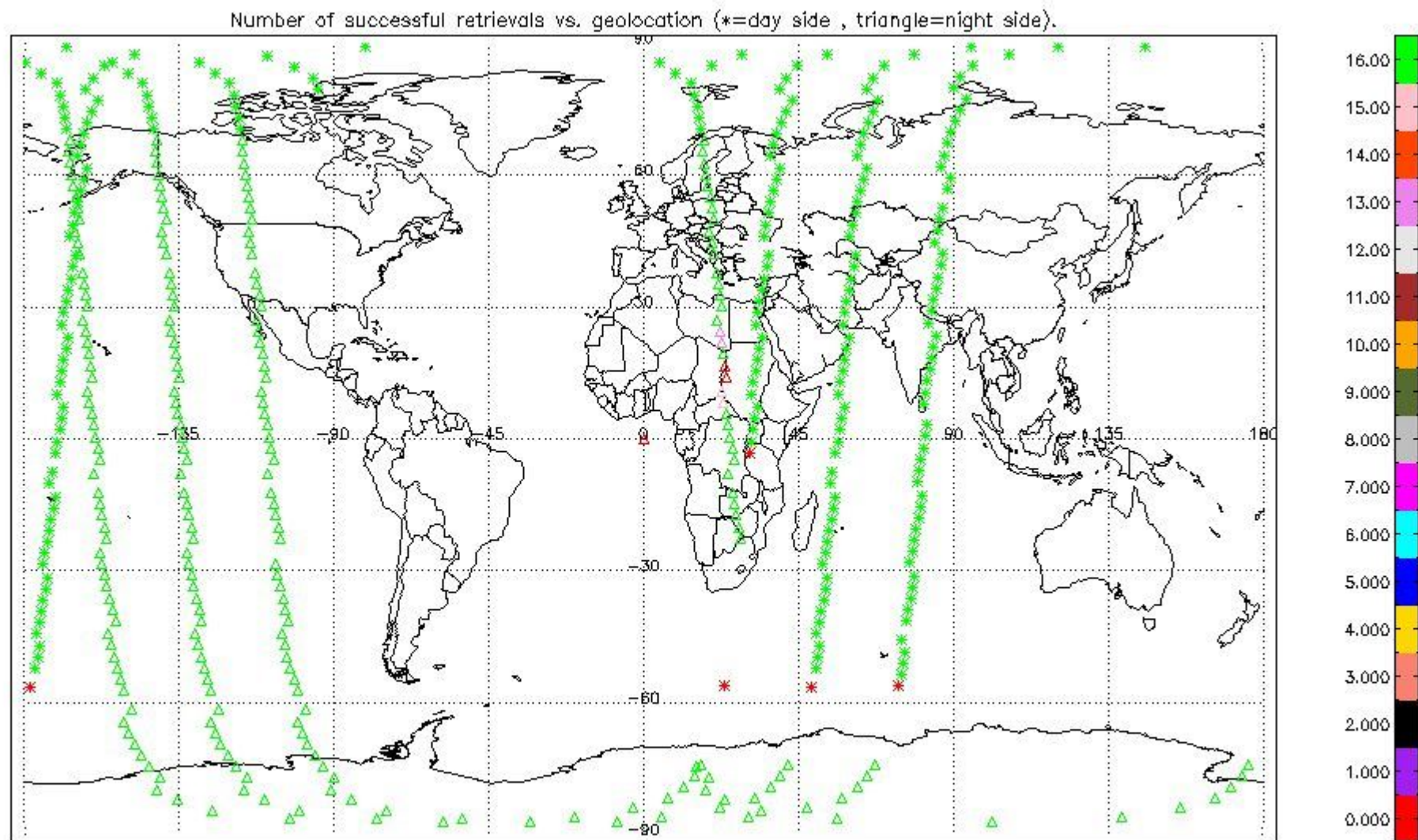
## 2.2 Processing performance indicators

### 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.

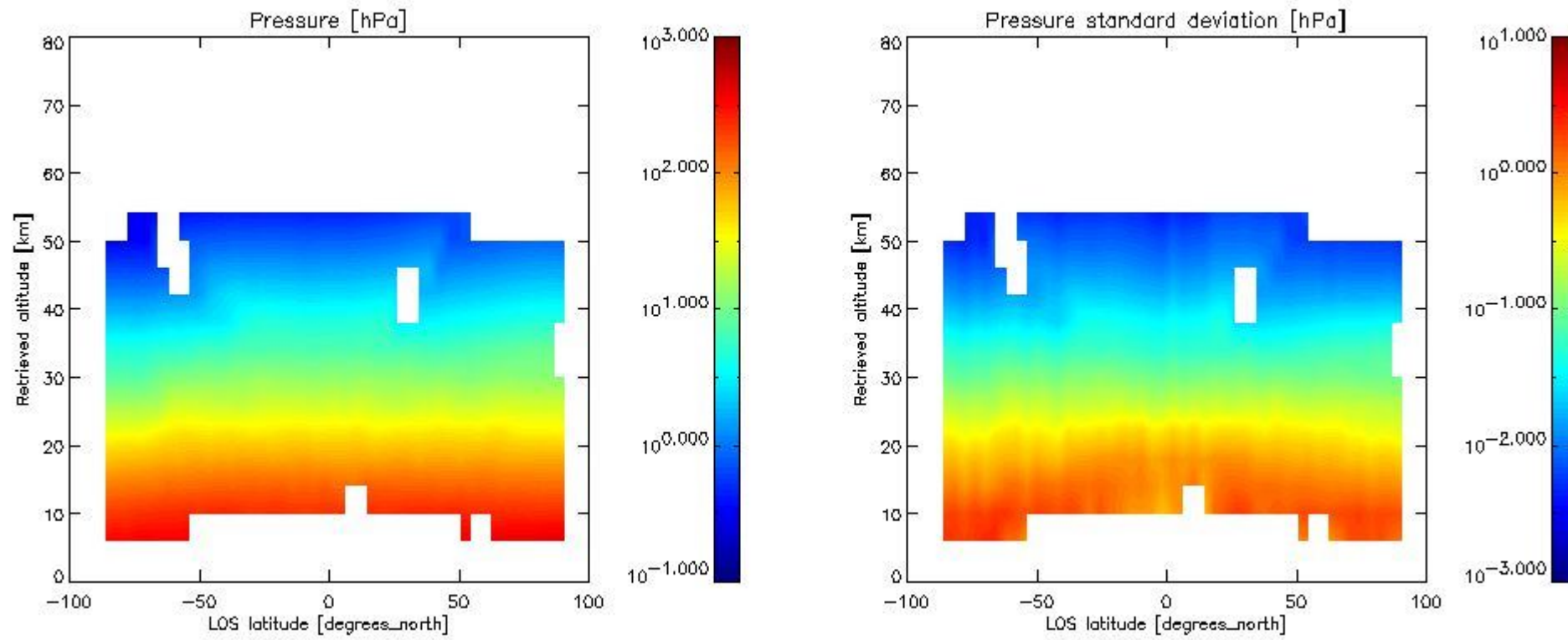
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	482	471	97.718
H2O	482	471	97.718
O3	482	471	97.718
HNO3	482	471	97.718
CH4	482	471	97.718

N2O	482	471	97.718
NO2	482	471	97.718
F11	482	469	97.303
CLNO	482	471	97.718
N2O5	482	471	97.718
F12	482	467	96.888
COF2	482	471	97.718
CCL4	482	469	97.303
HCN	482	471	97.718
F14	482	471	97.718
F22	482	471	97.718



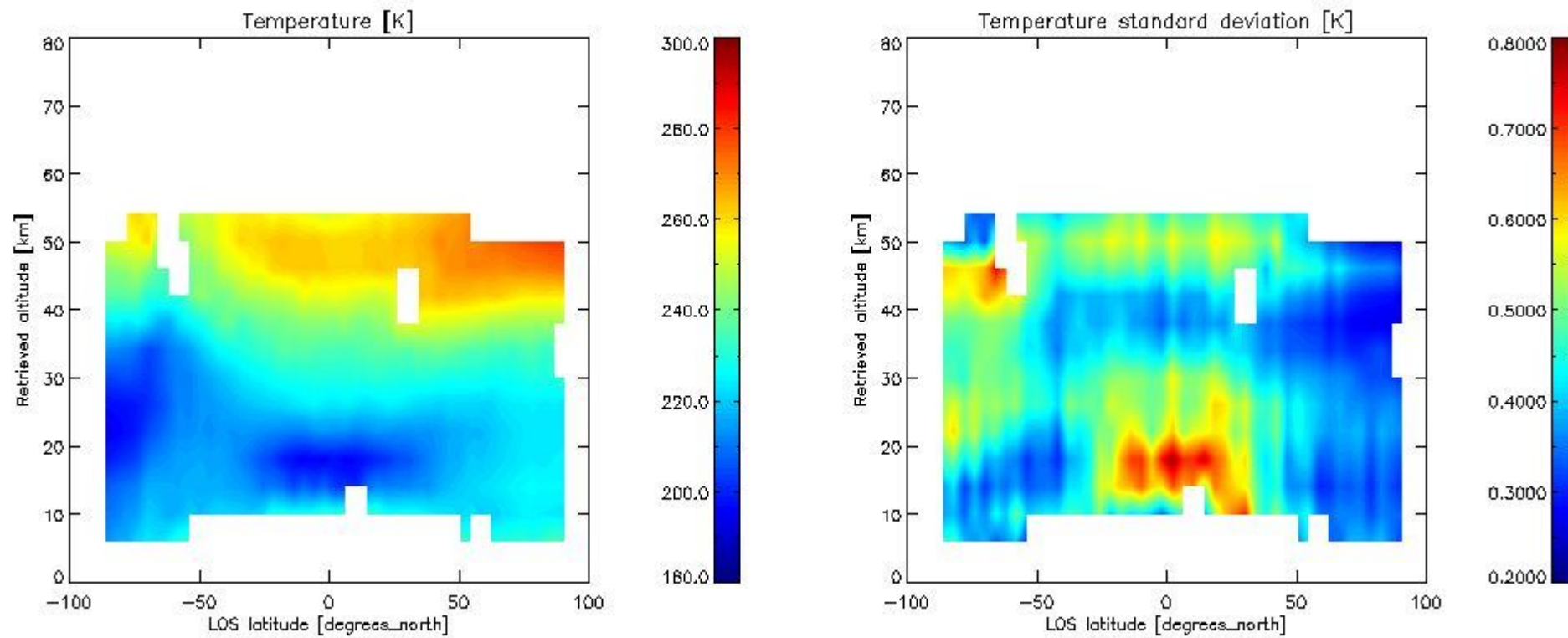
## 2.2.2 Pressure overview

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



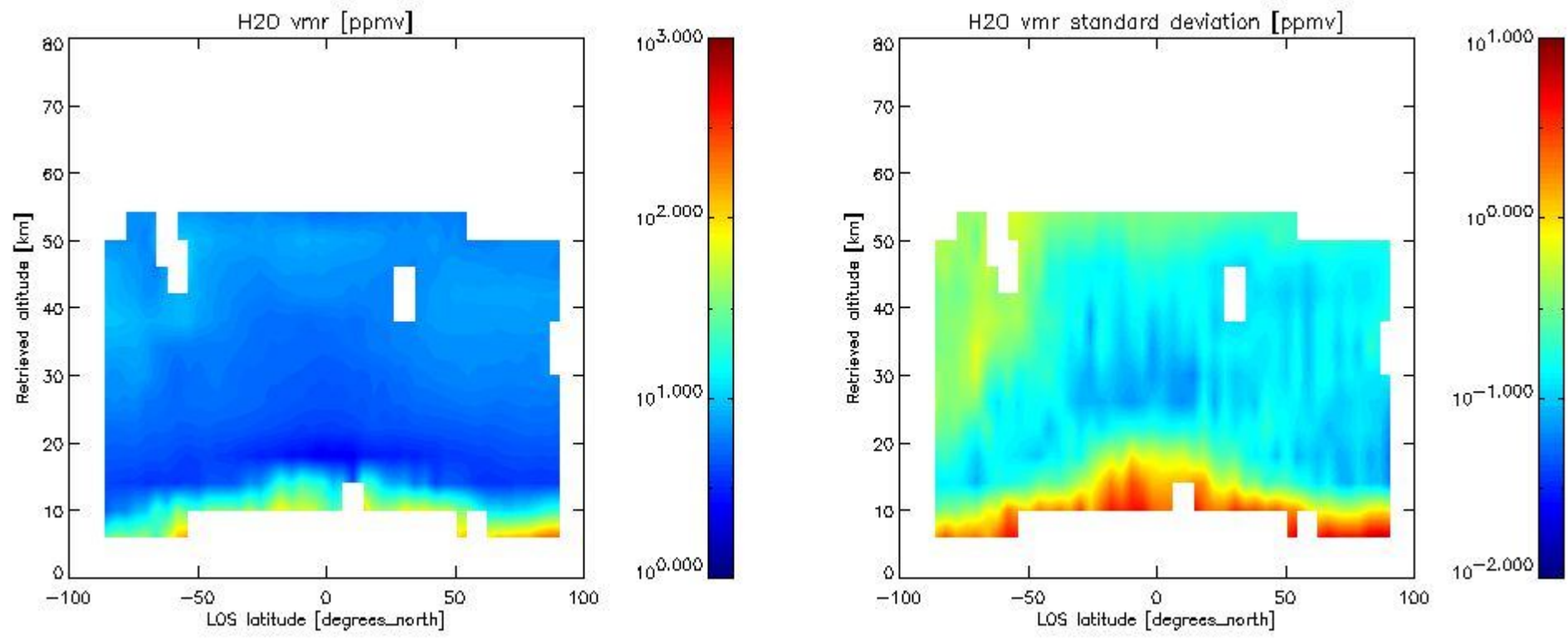
### 2.2.3 Temperature overview

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

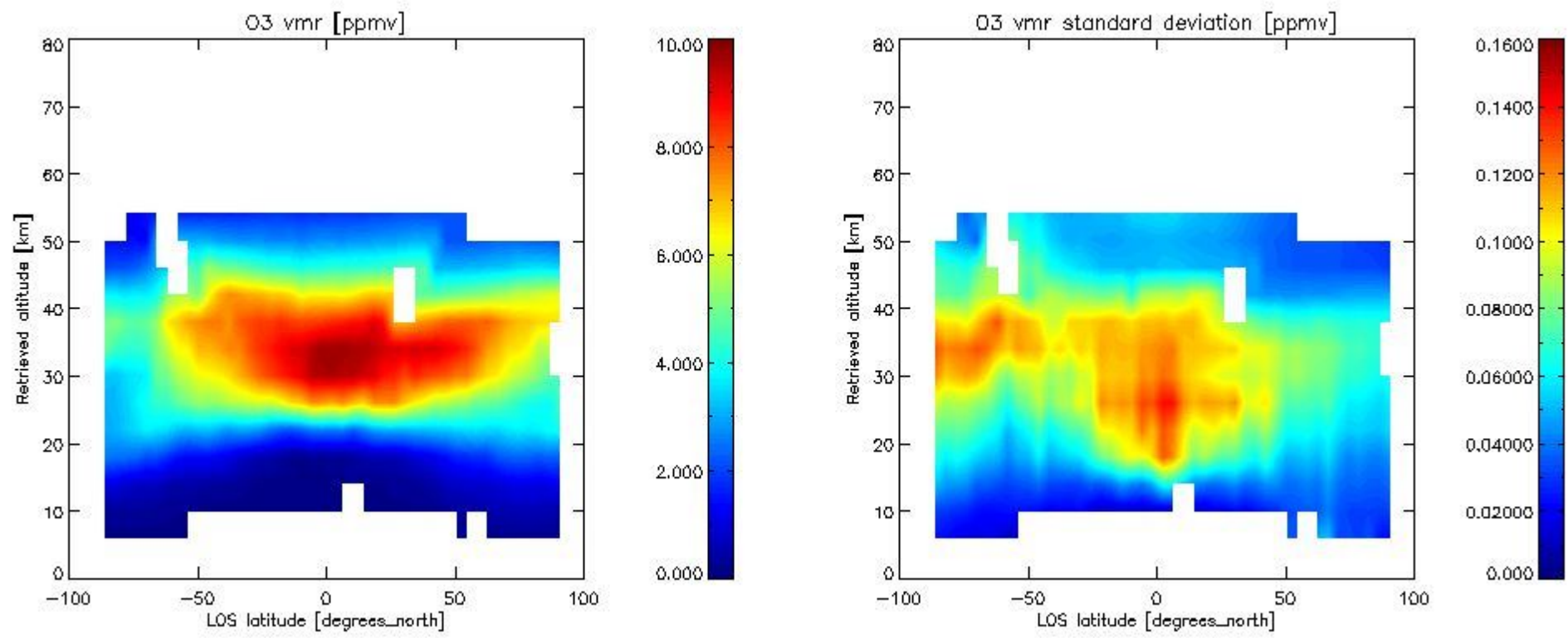


### 2.2.4 Species overview

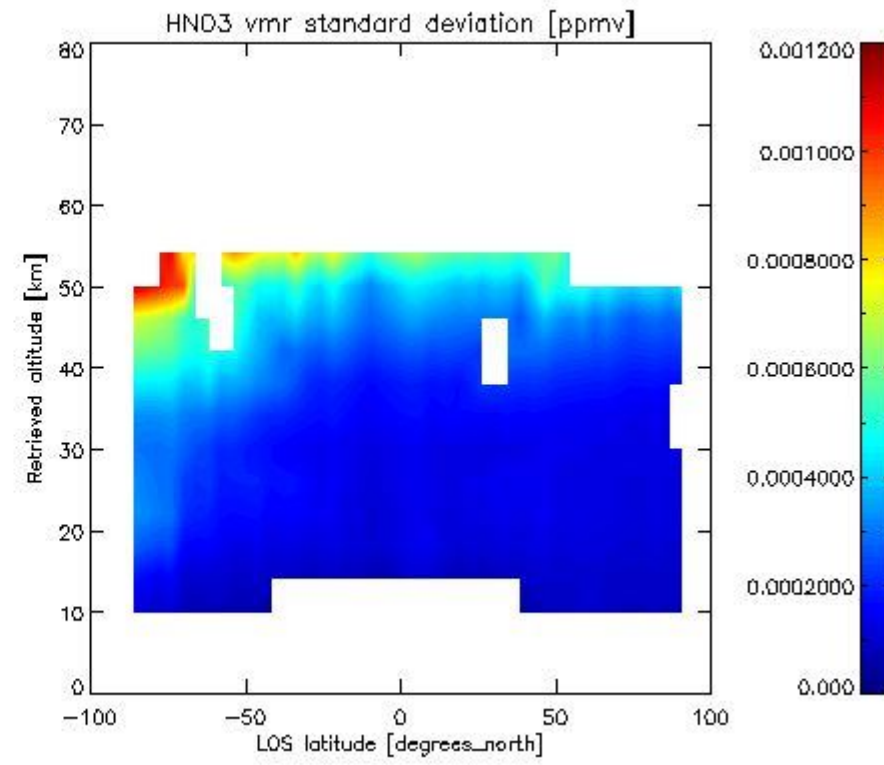
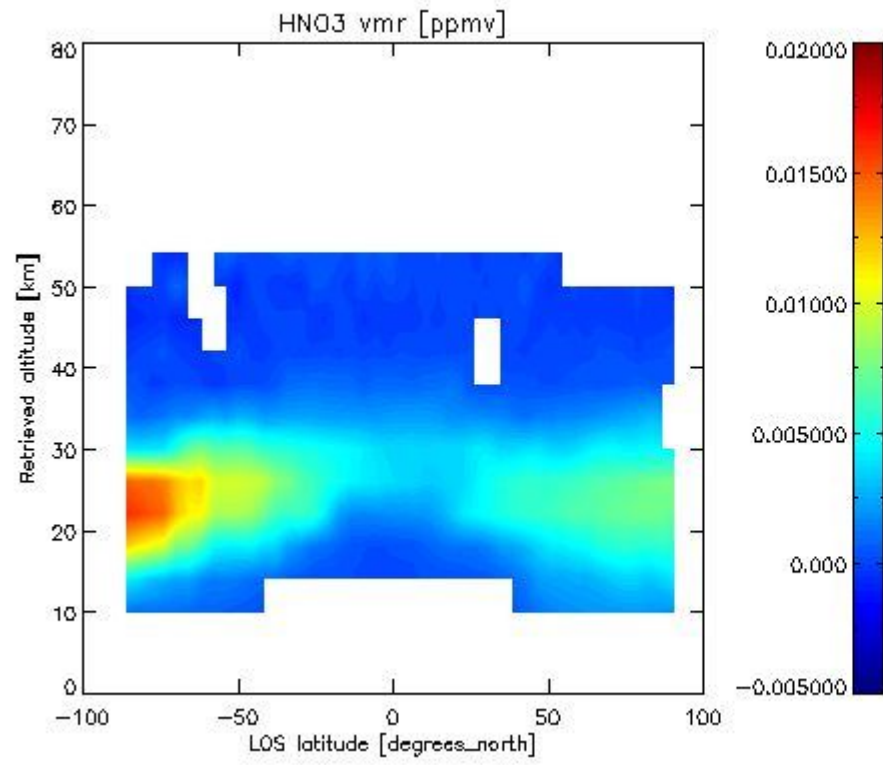
**2.2.4.1 H2O overview** This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



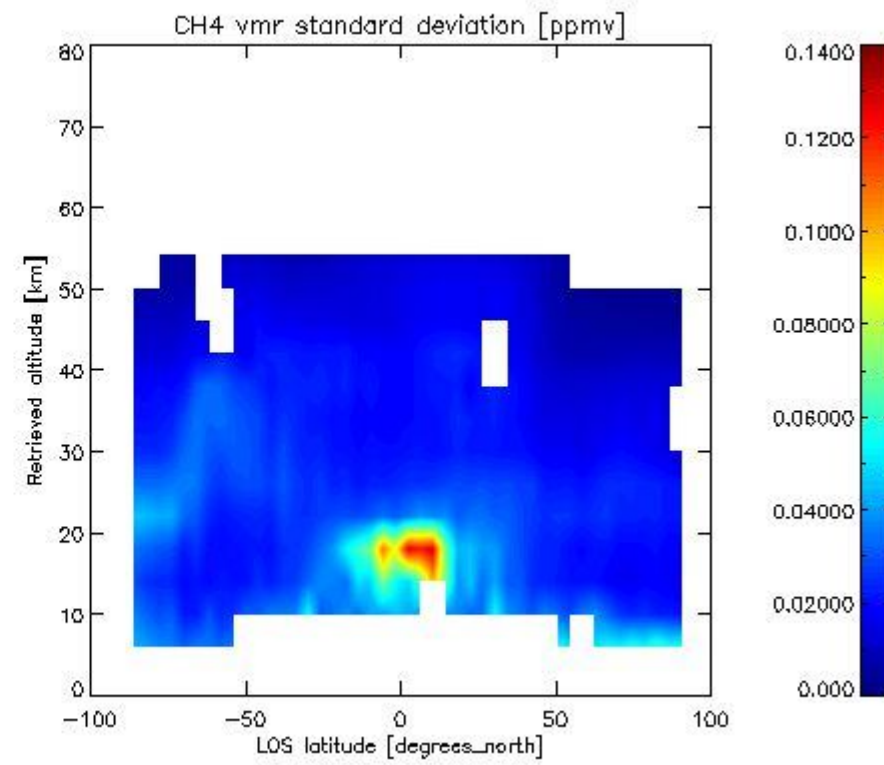
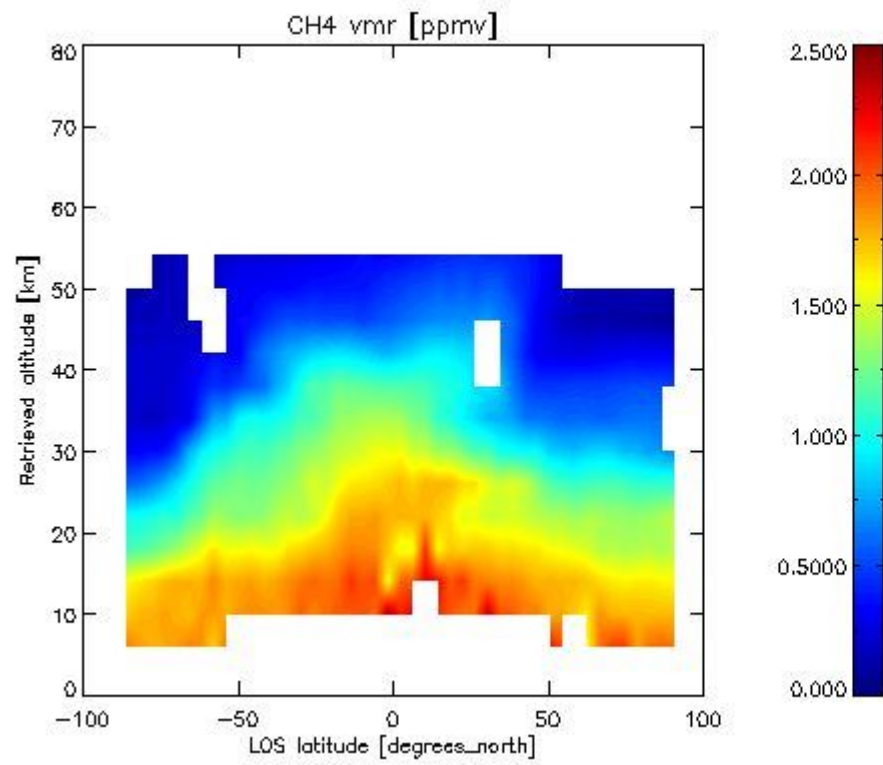
2.2.4.2 O<sub>3</sub> overview This section shows values (left) and error (right) for O<sub>3</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



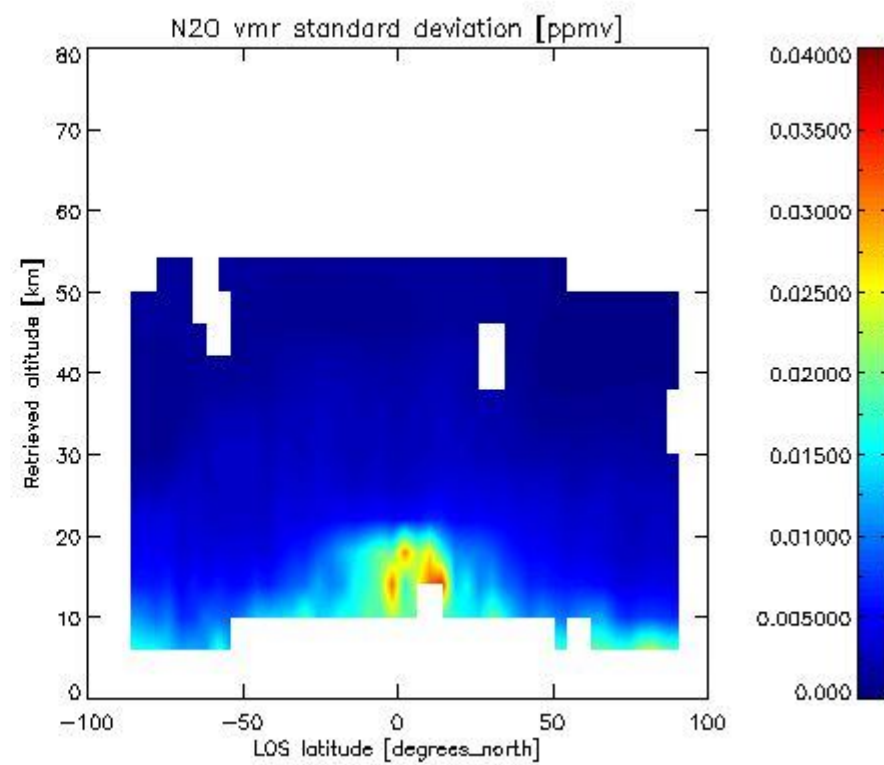
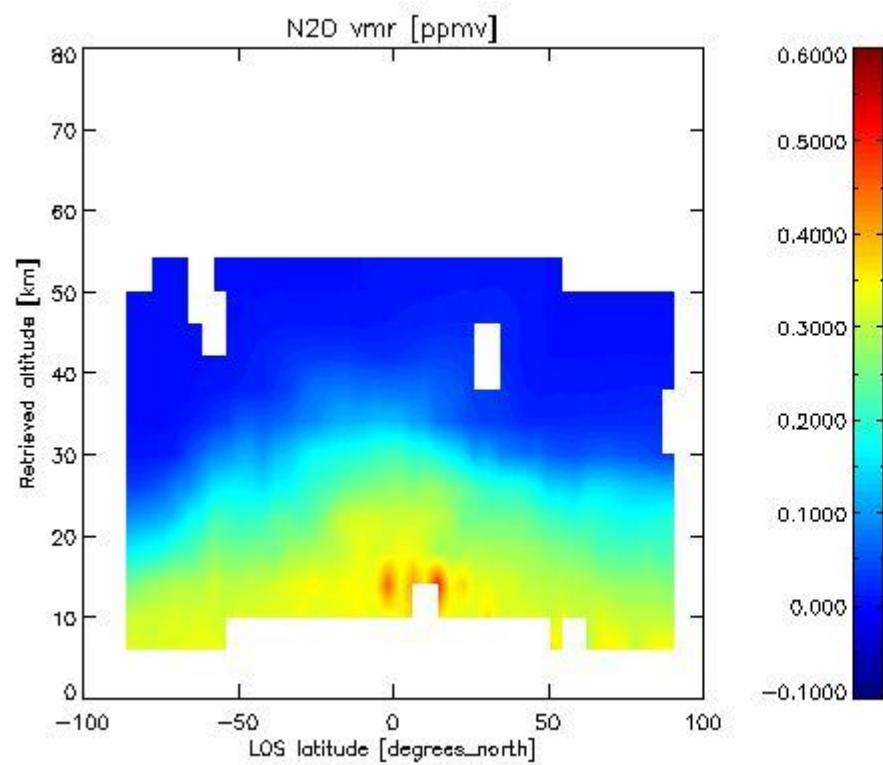
2.2.4.3 HNO<sub>3</sub> overview This section shows values (left) and error (right) for HNO<sub>3</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



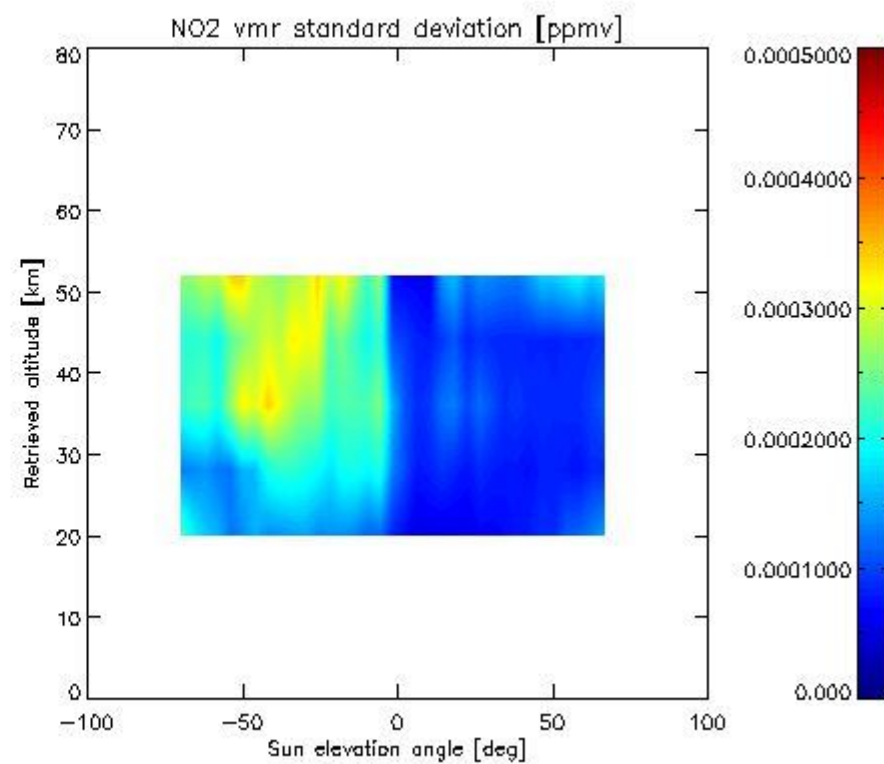
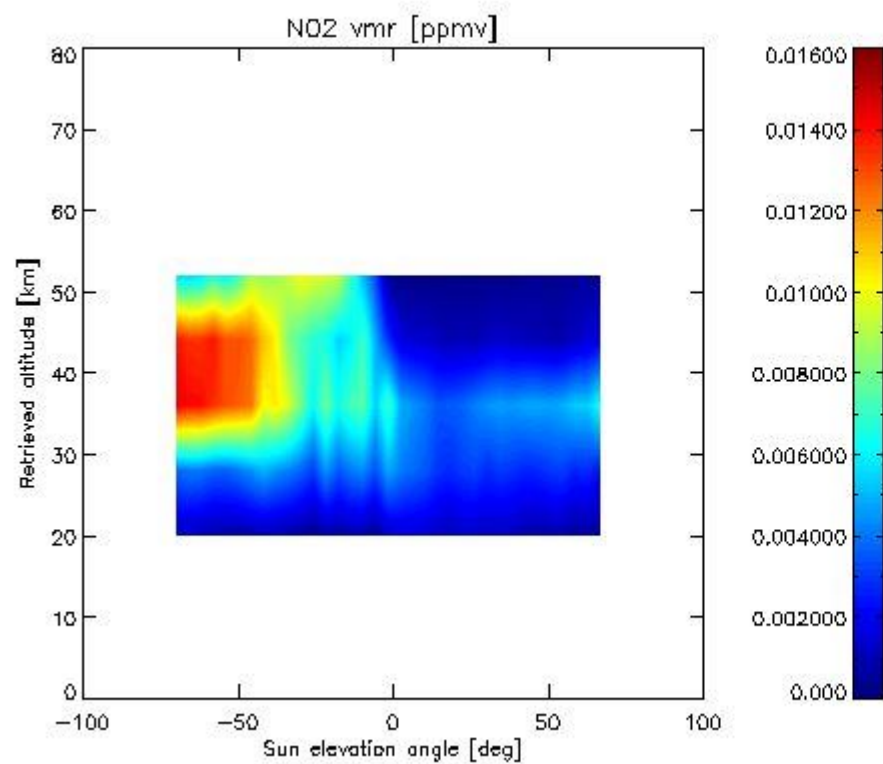
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



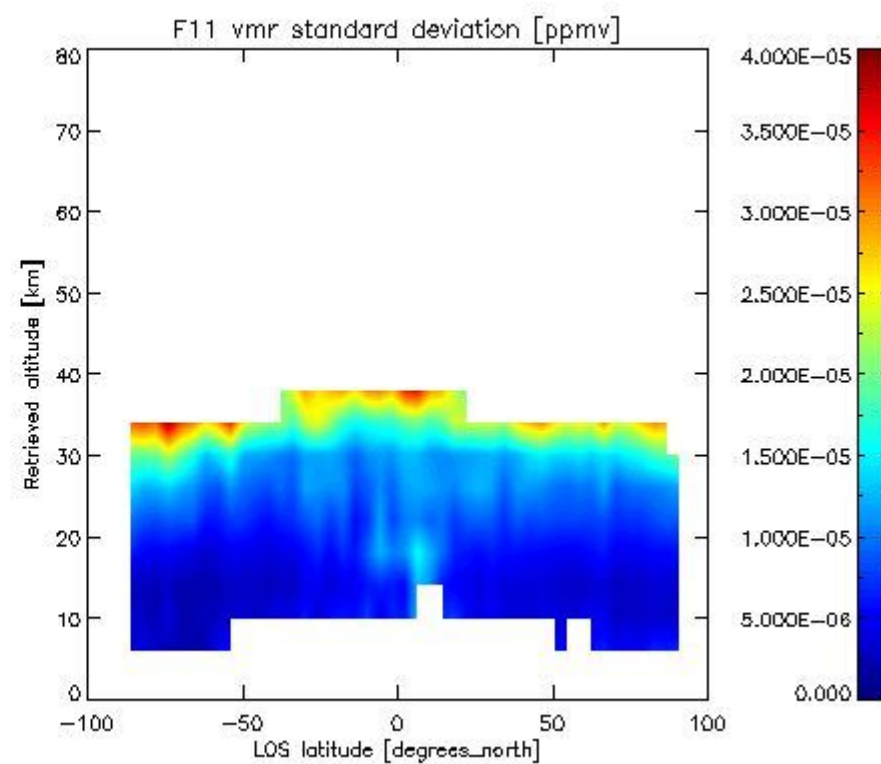
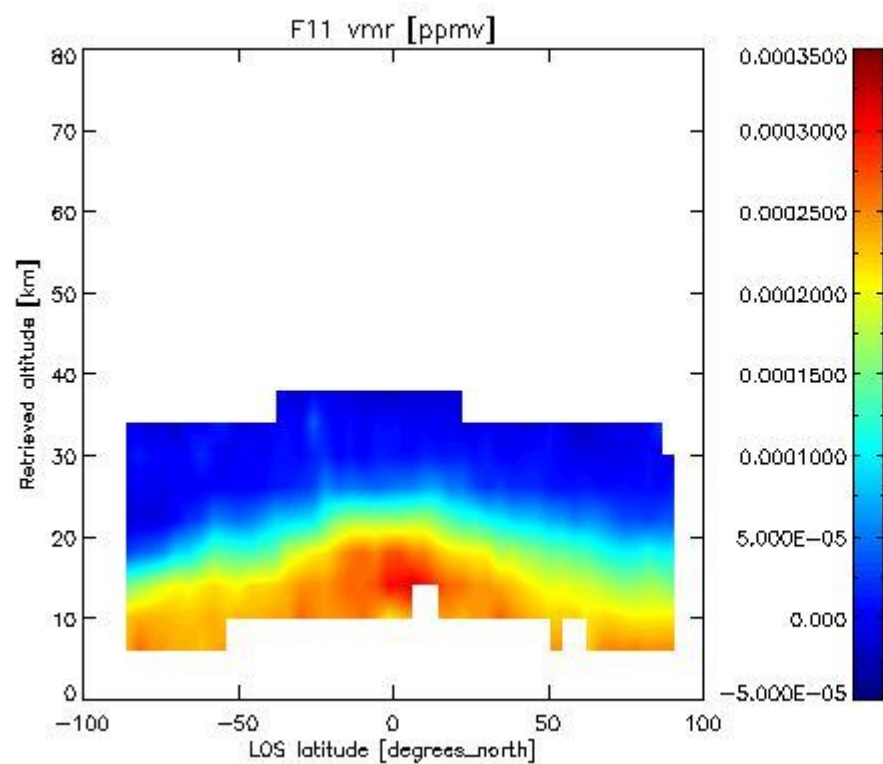
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



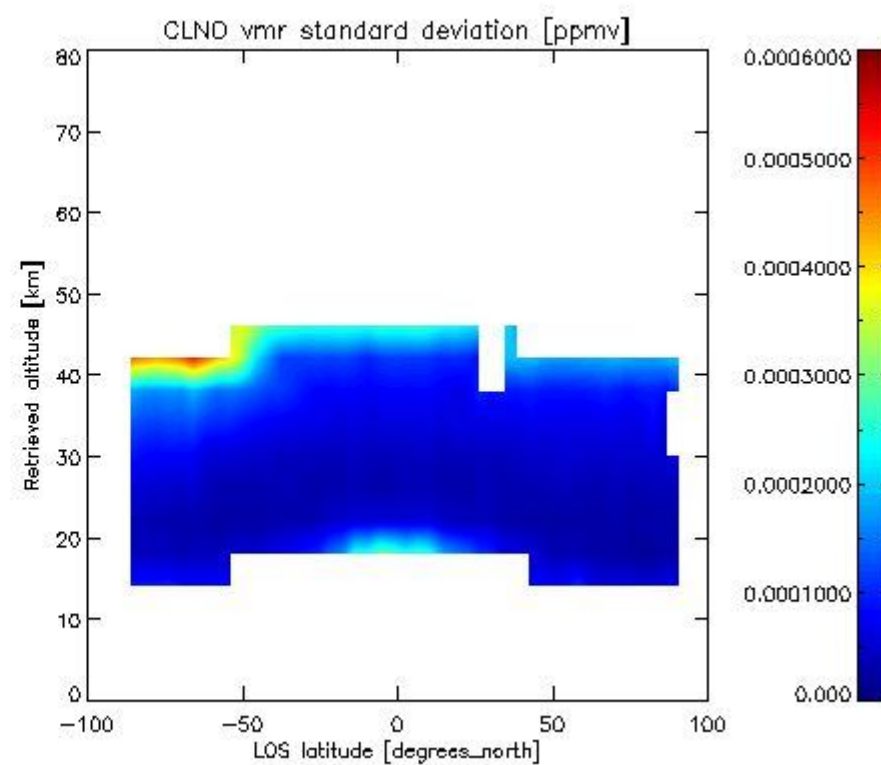
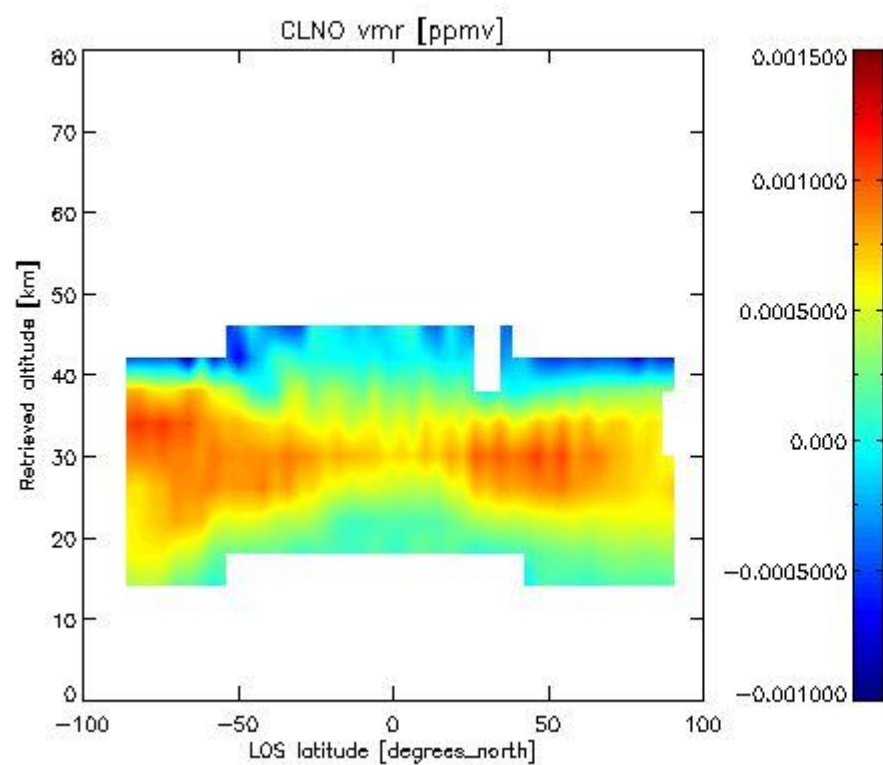
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.

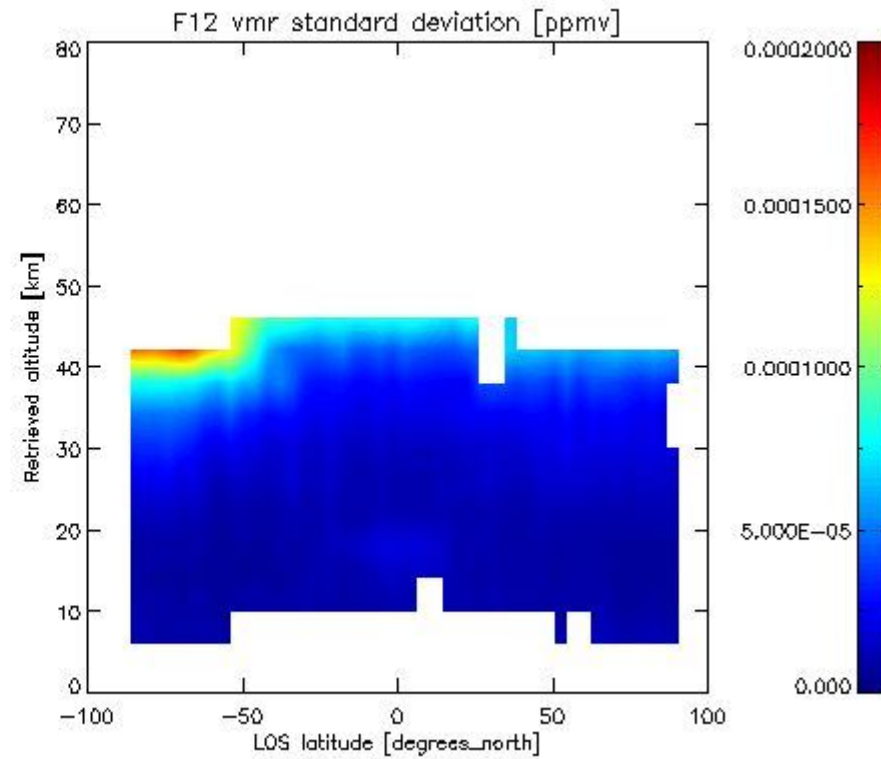
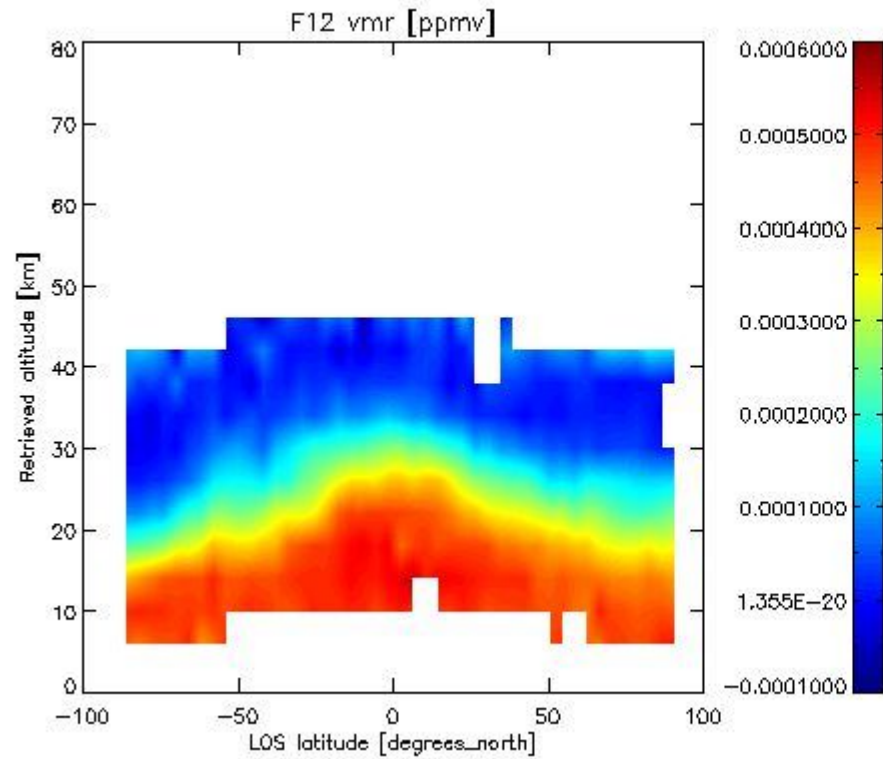
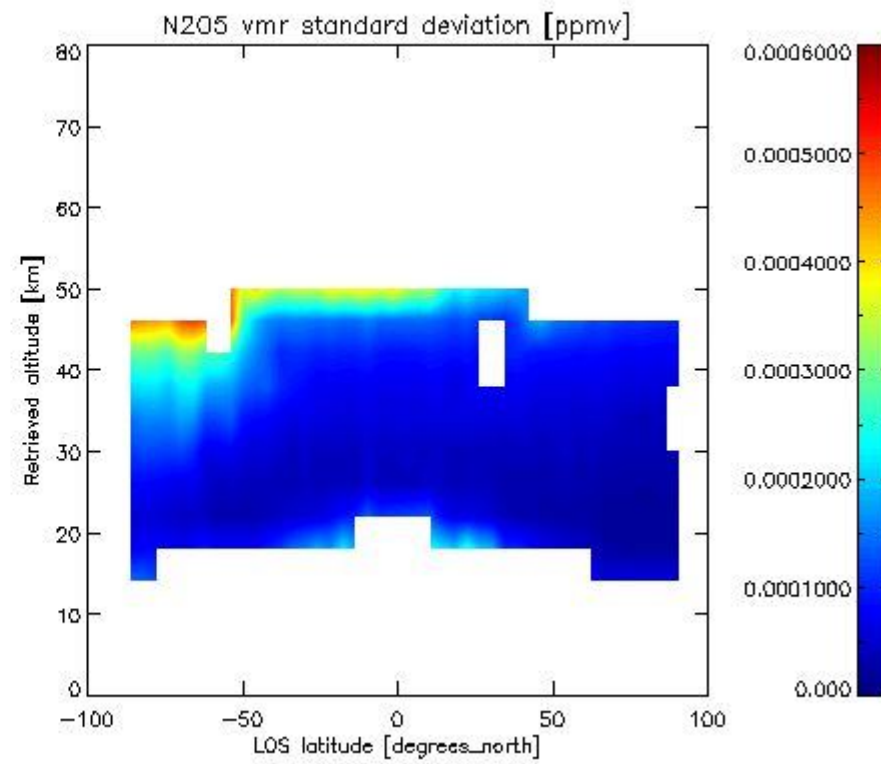
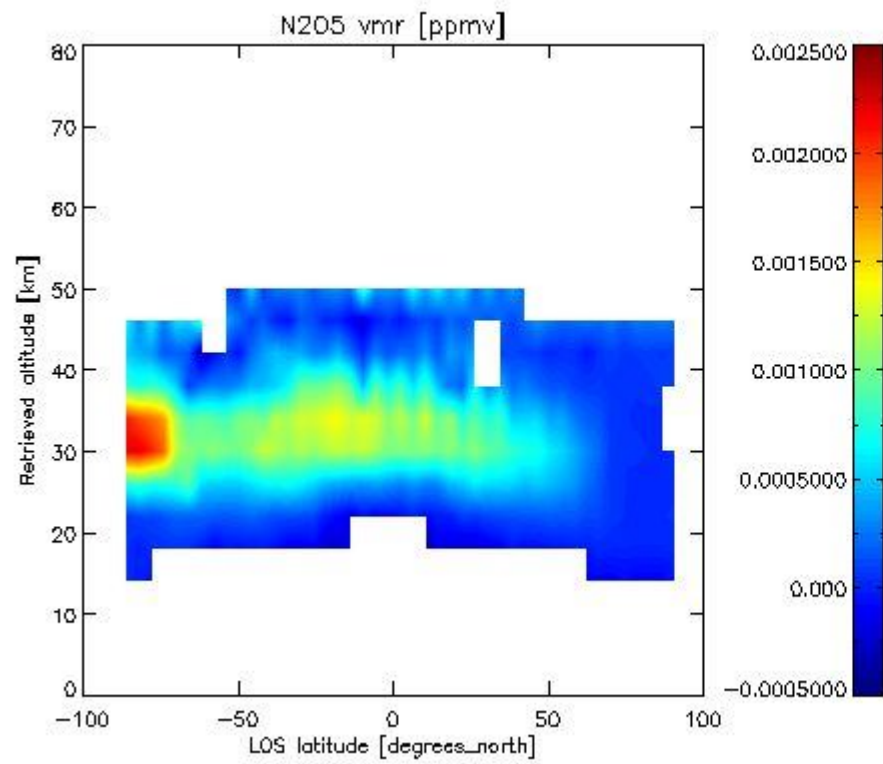


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

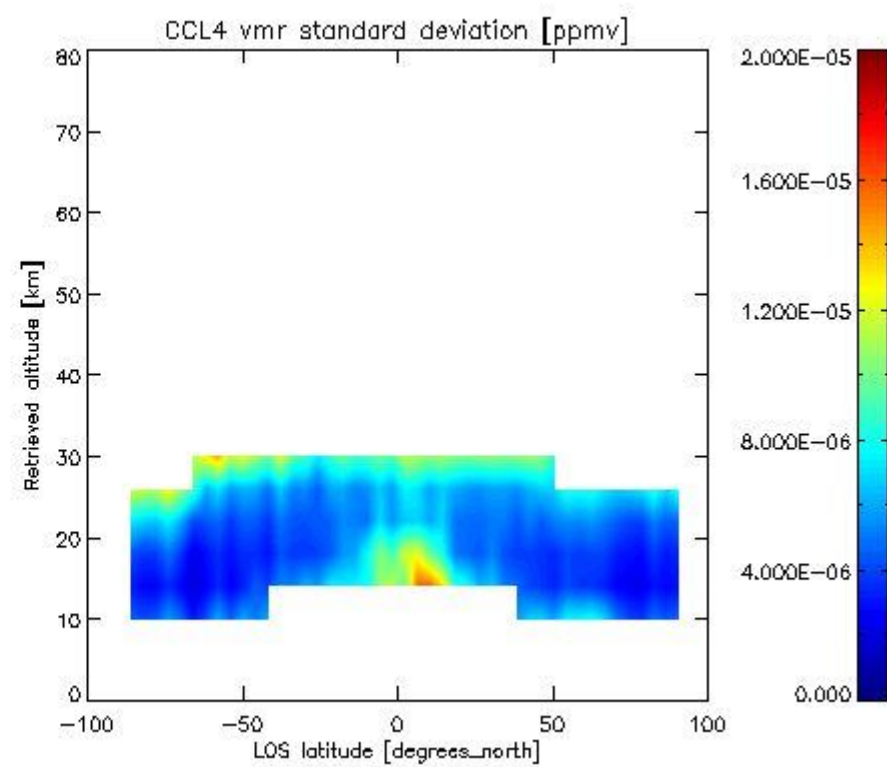
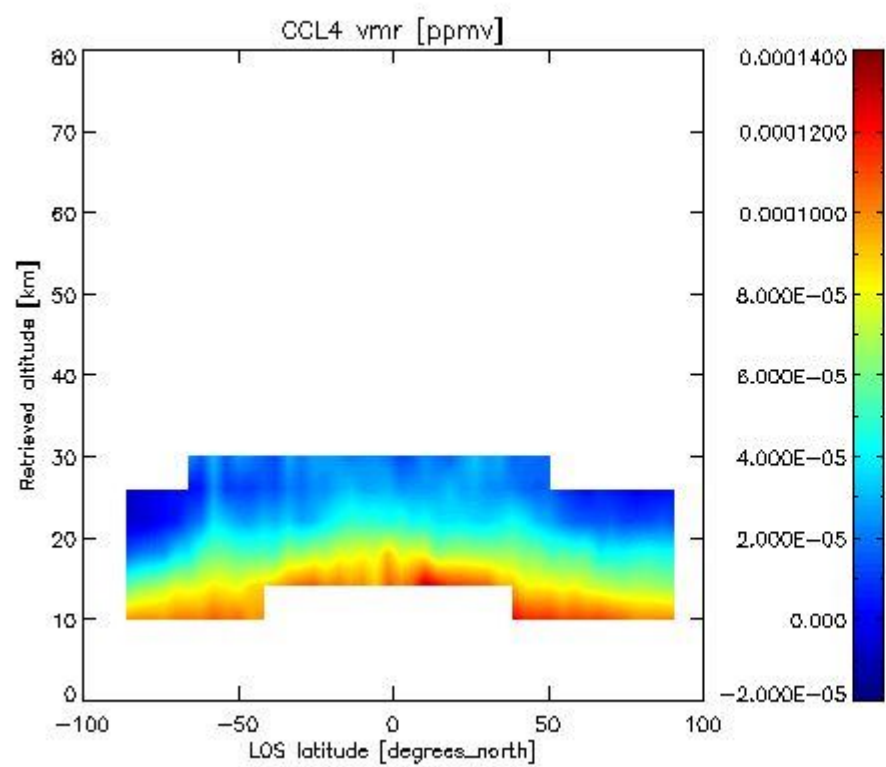
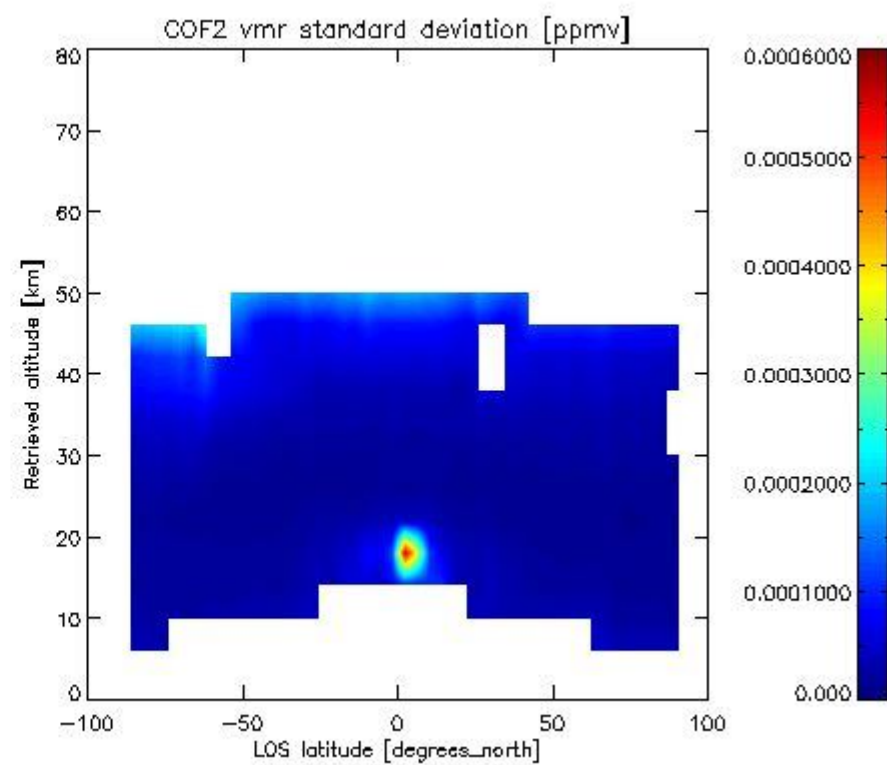
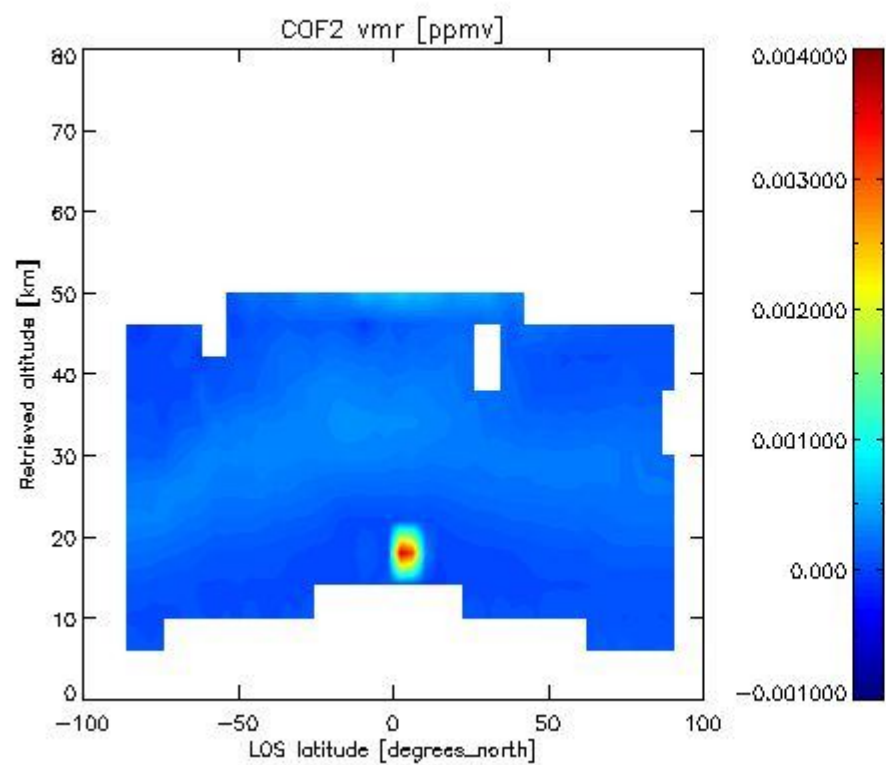


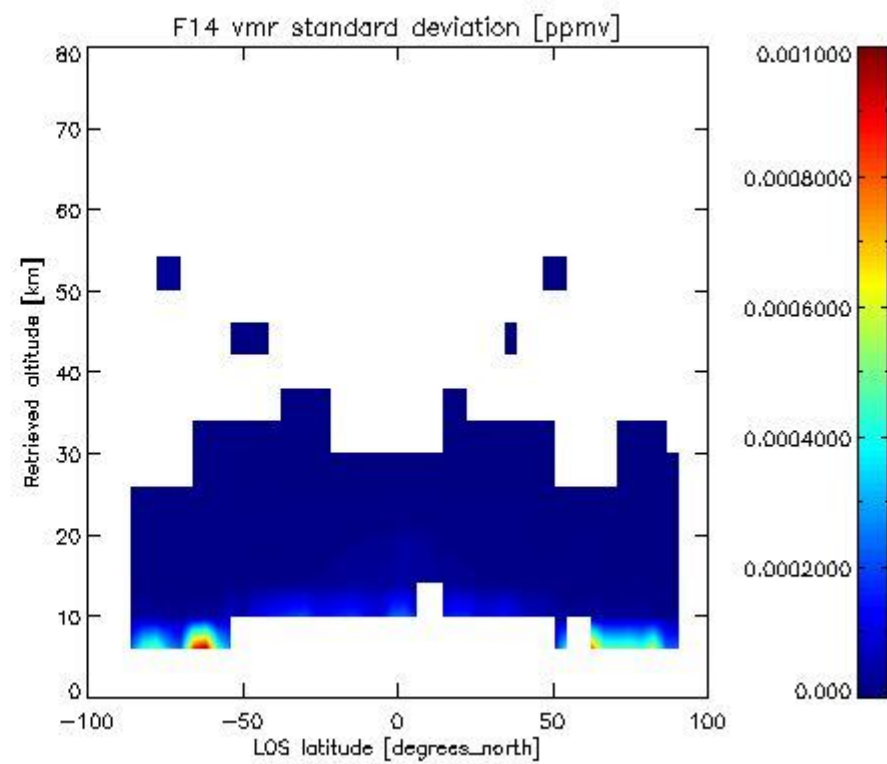
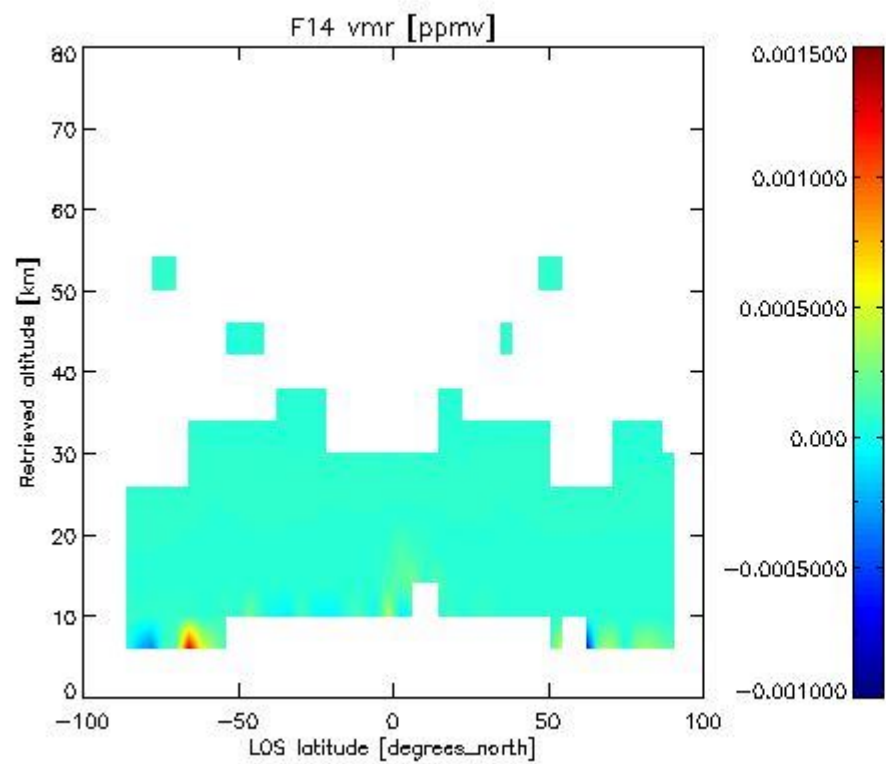
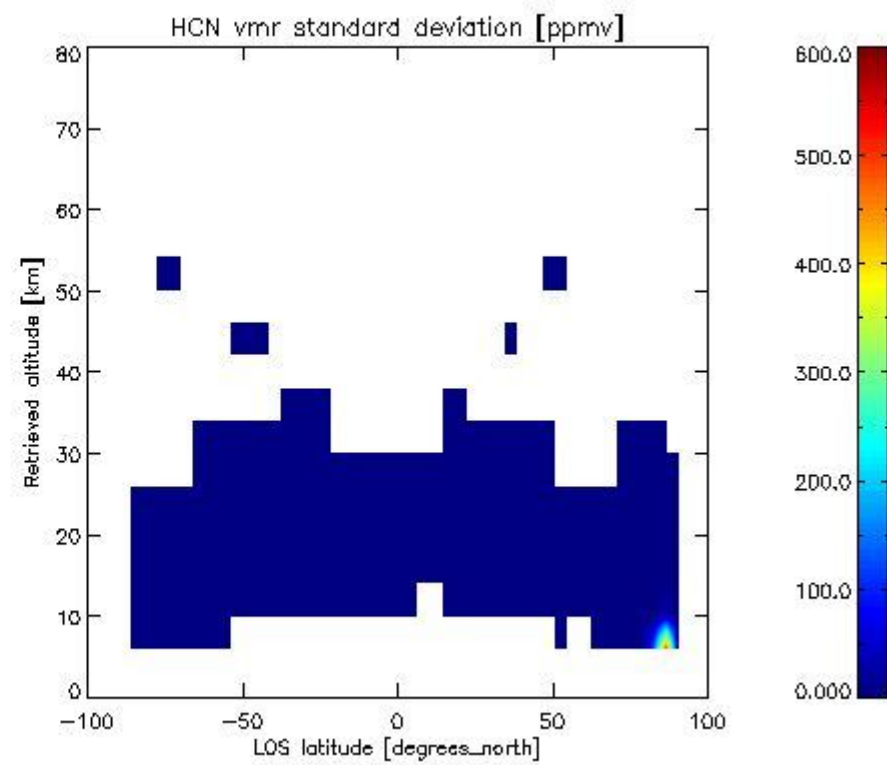
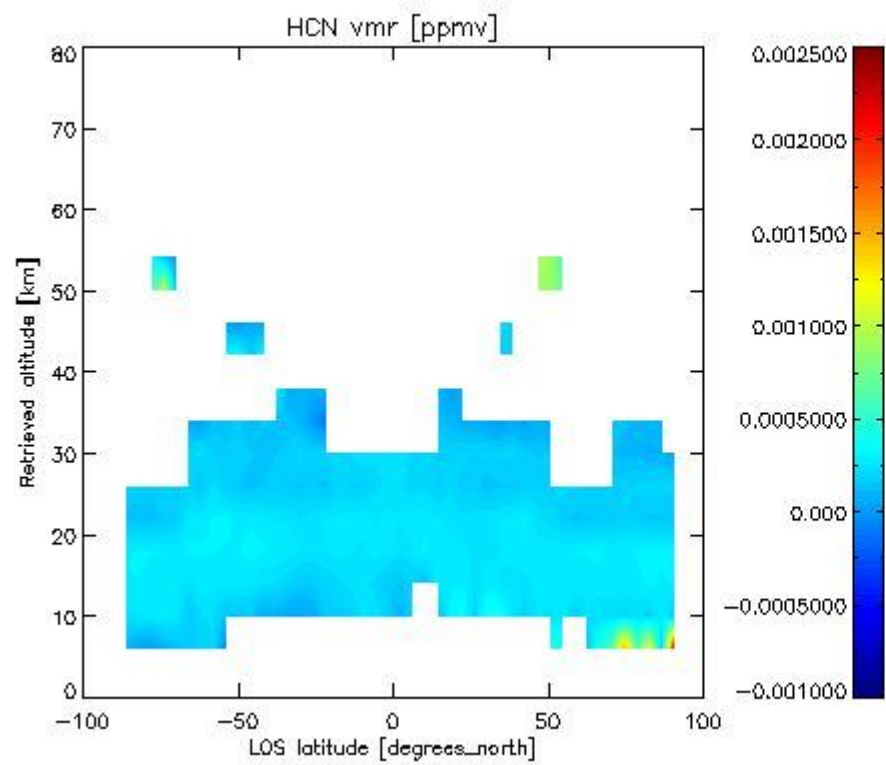
2.3.4 CLNO overview: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

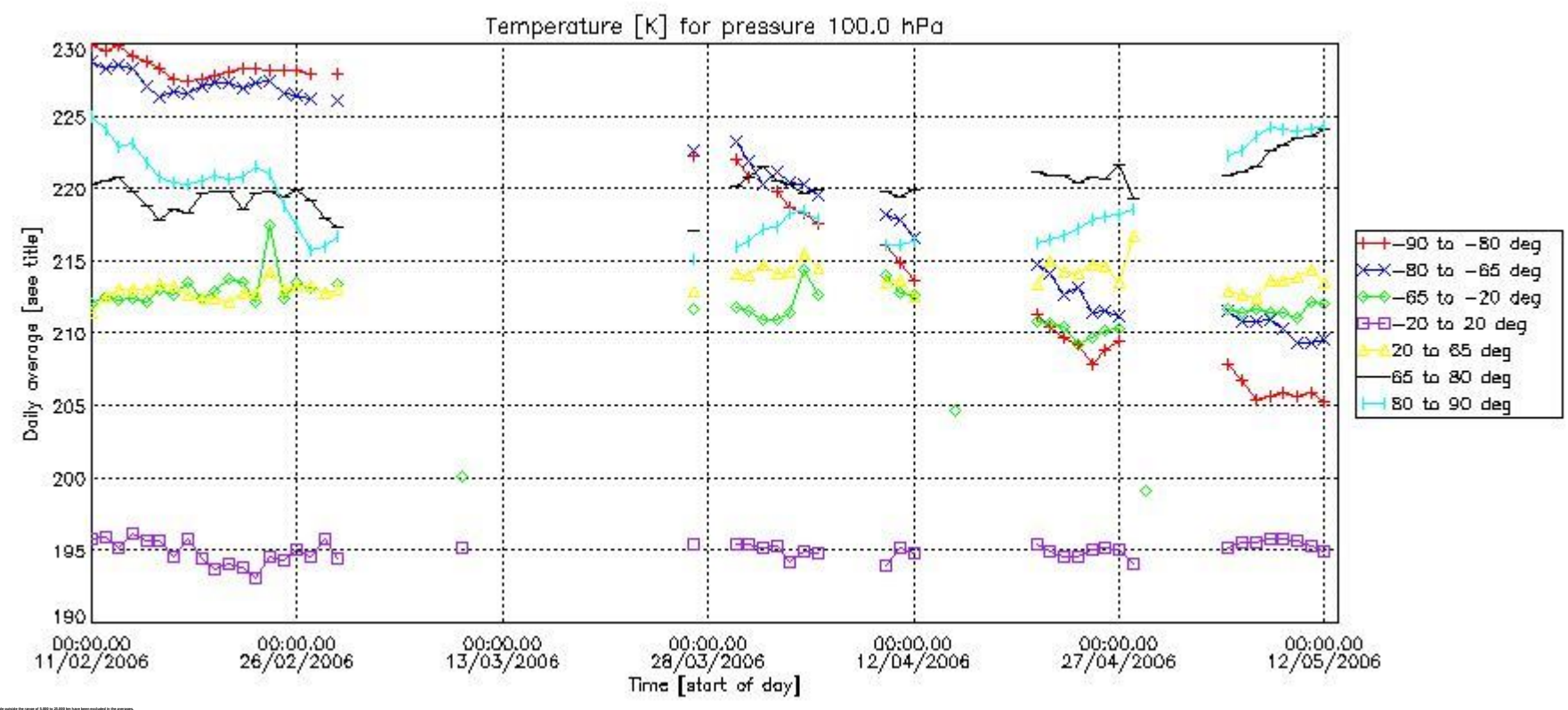
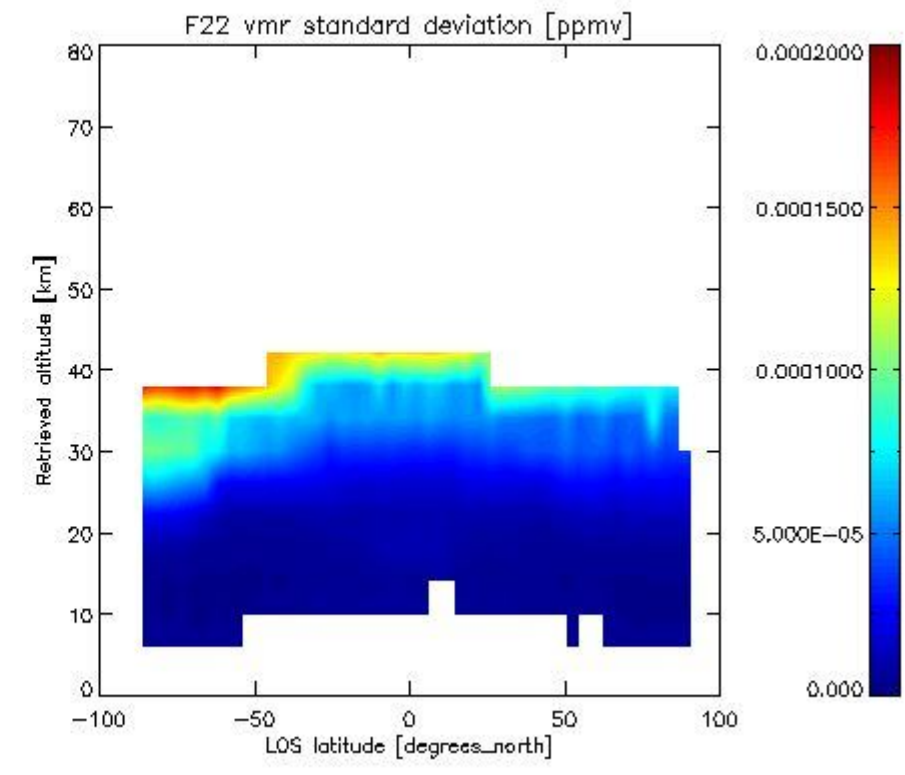
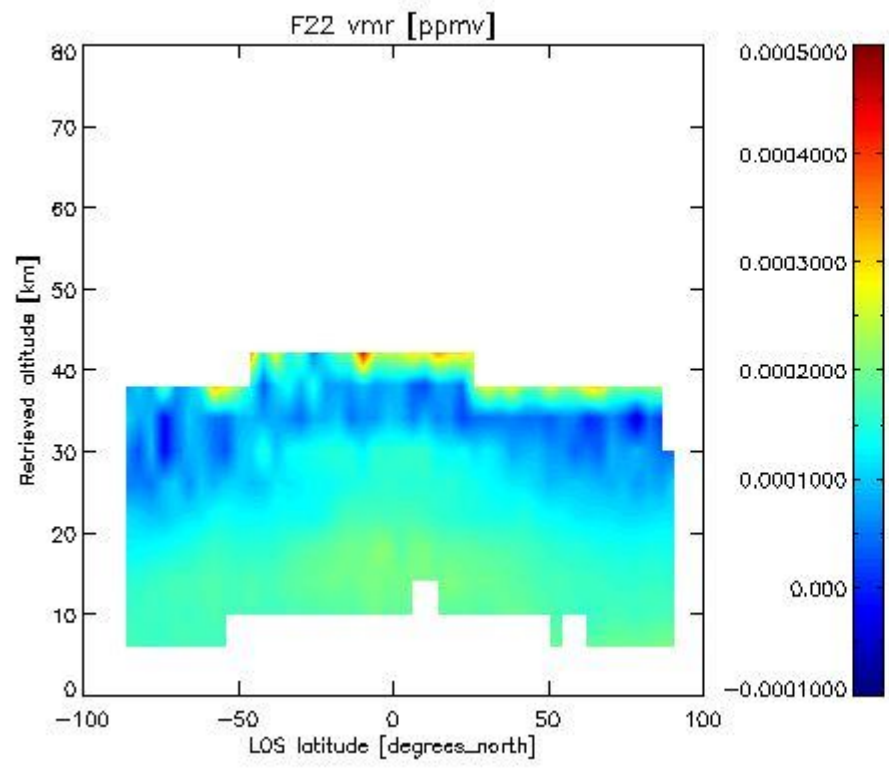


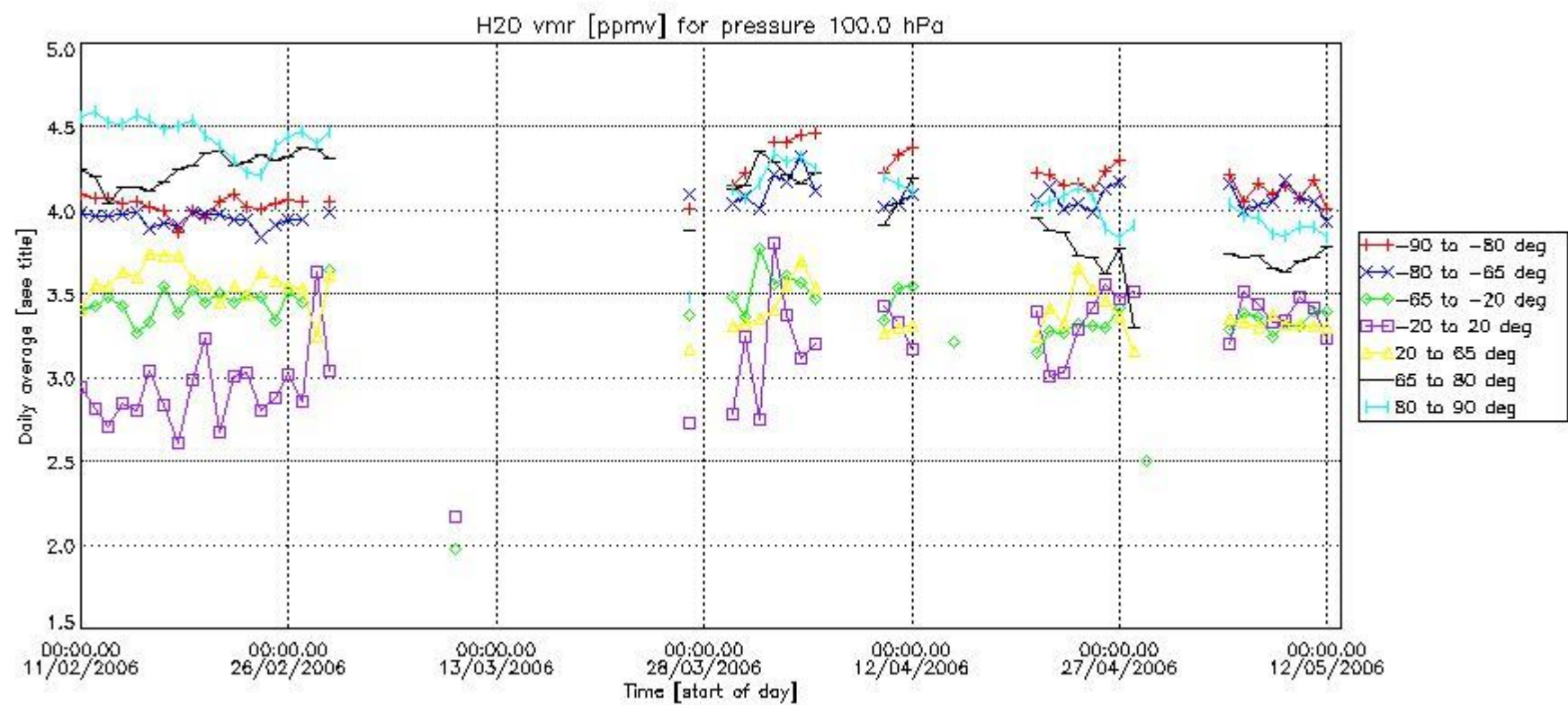
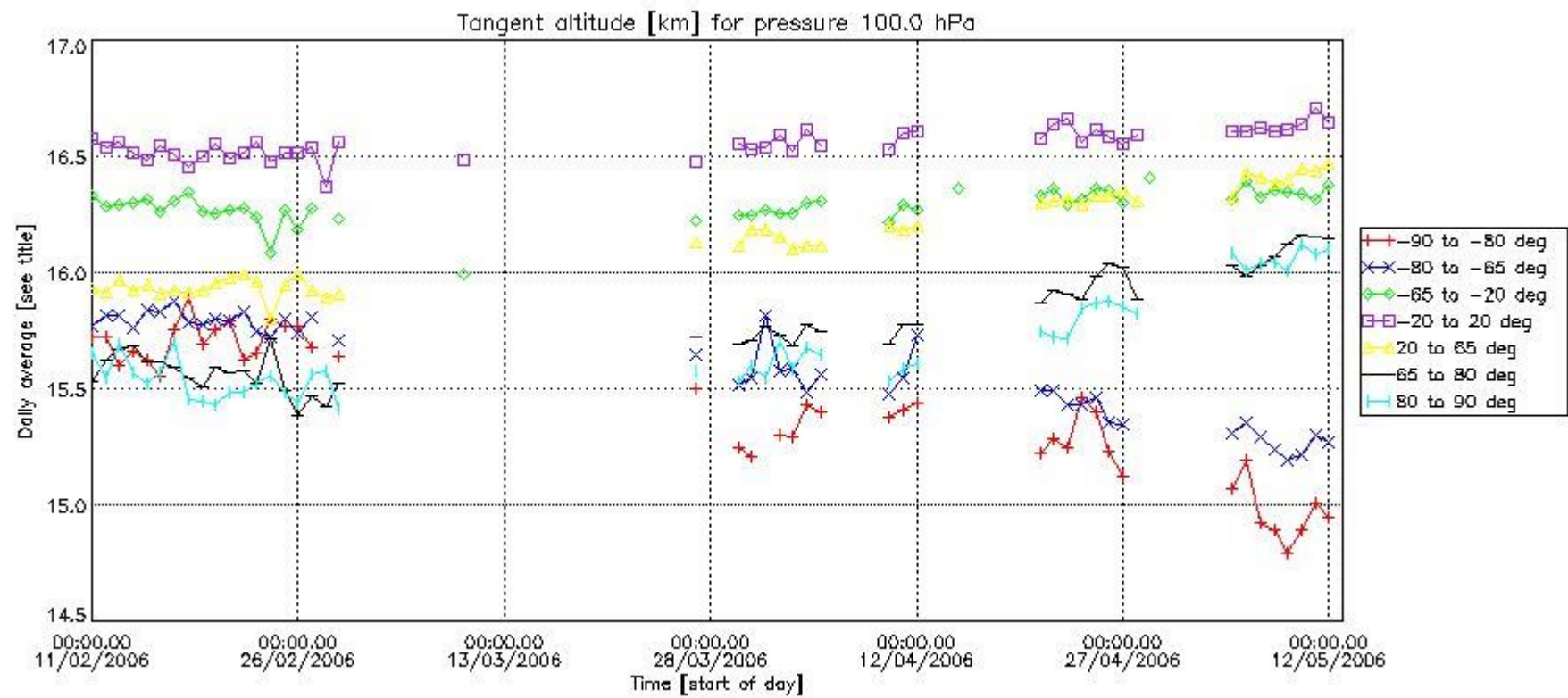


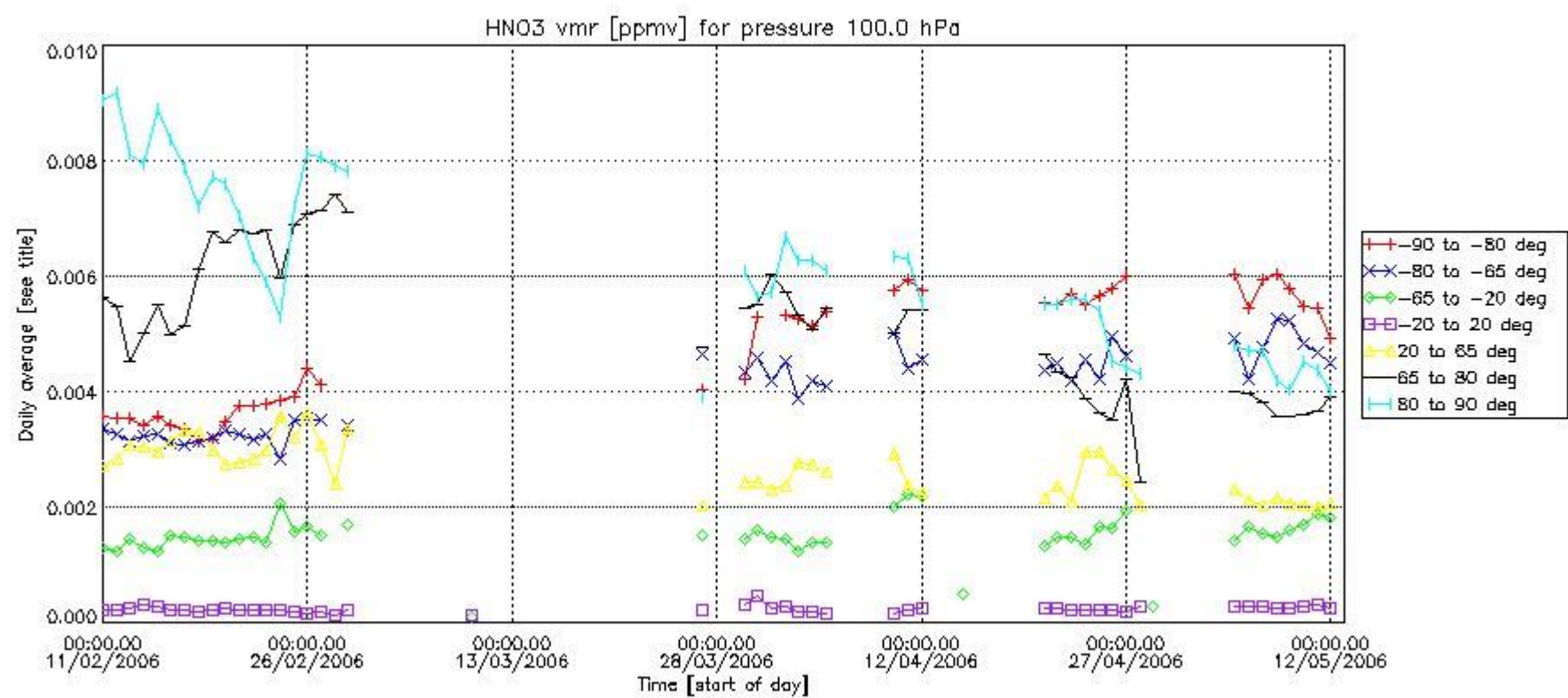
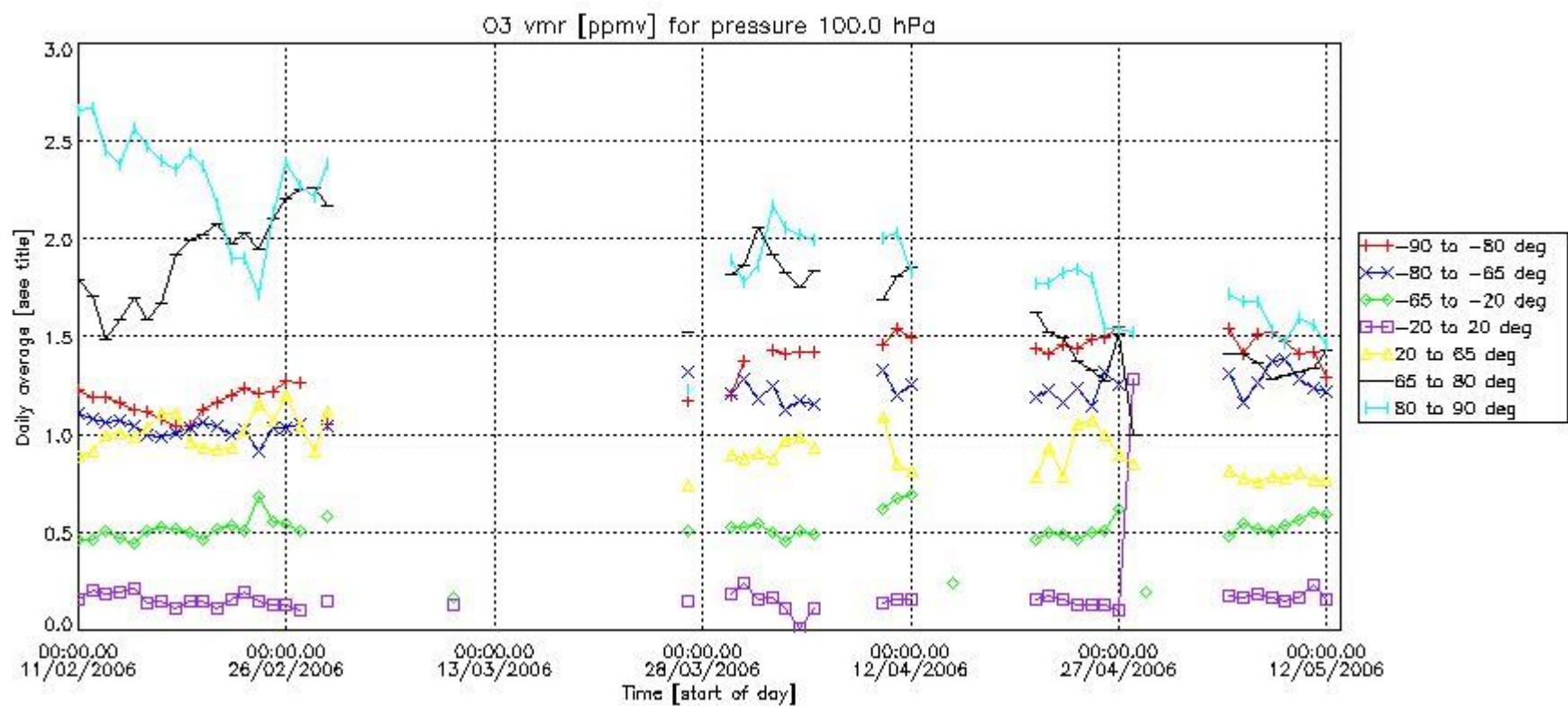


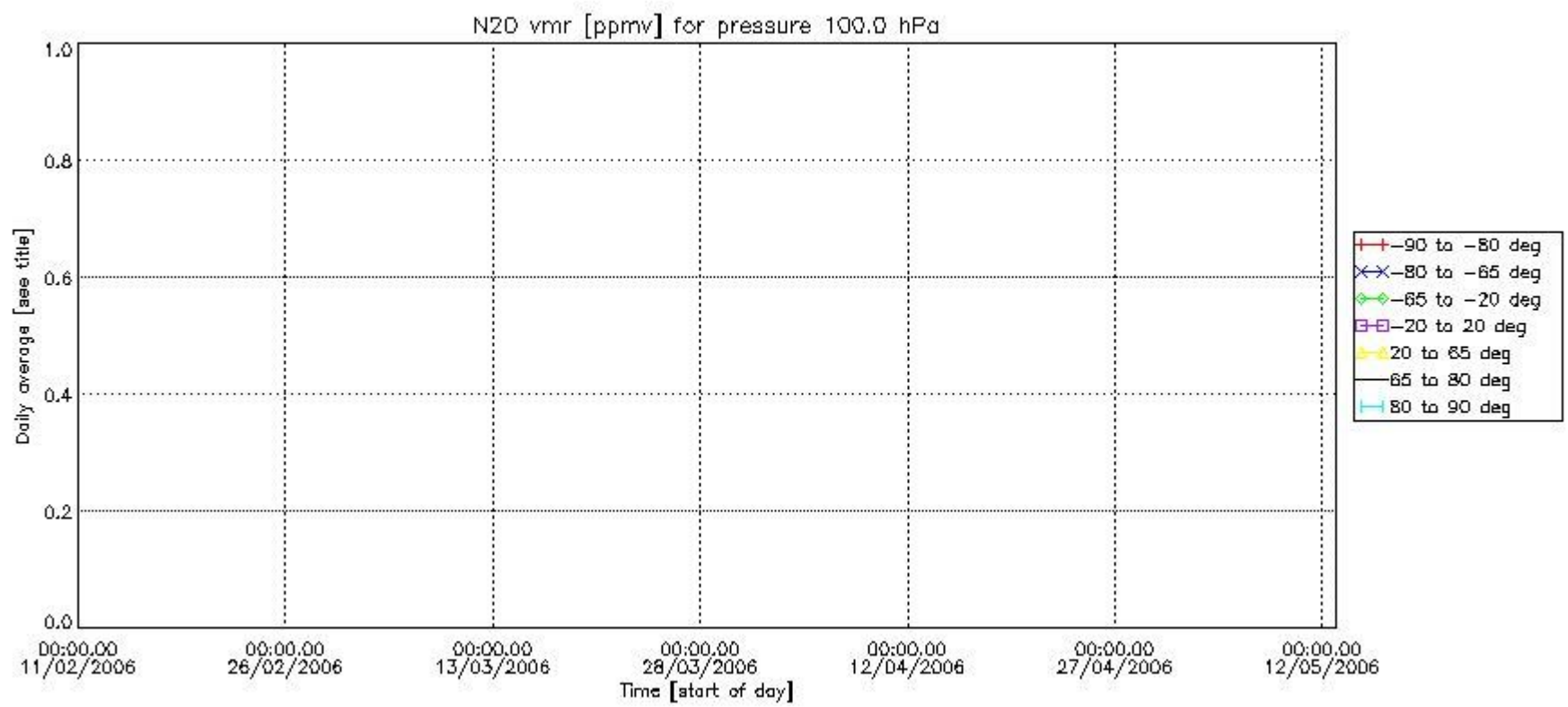
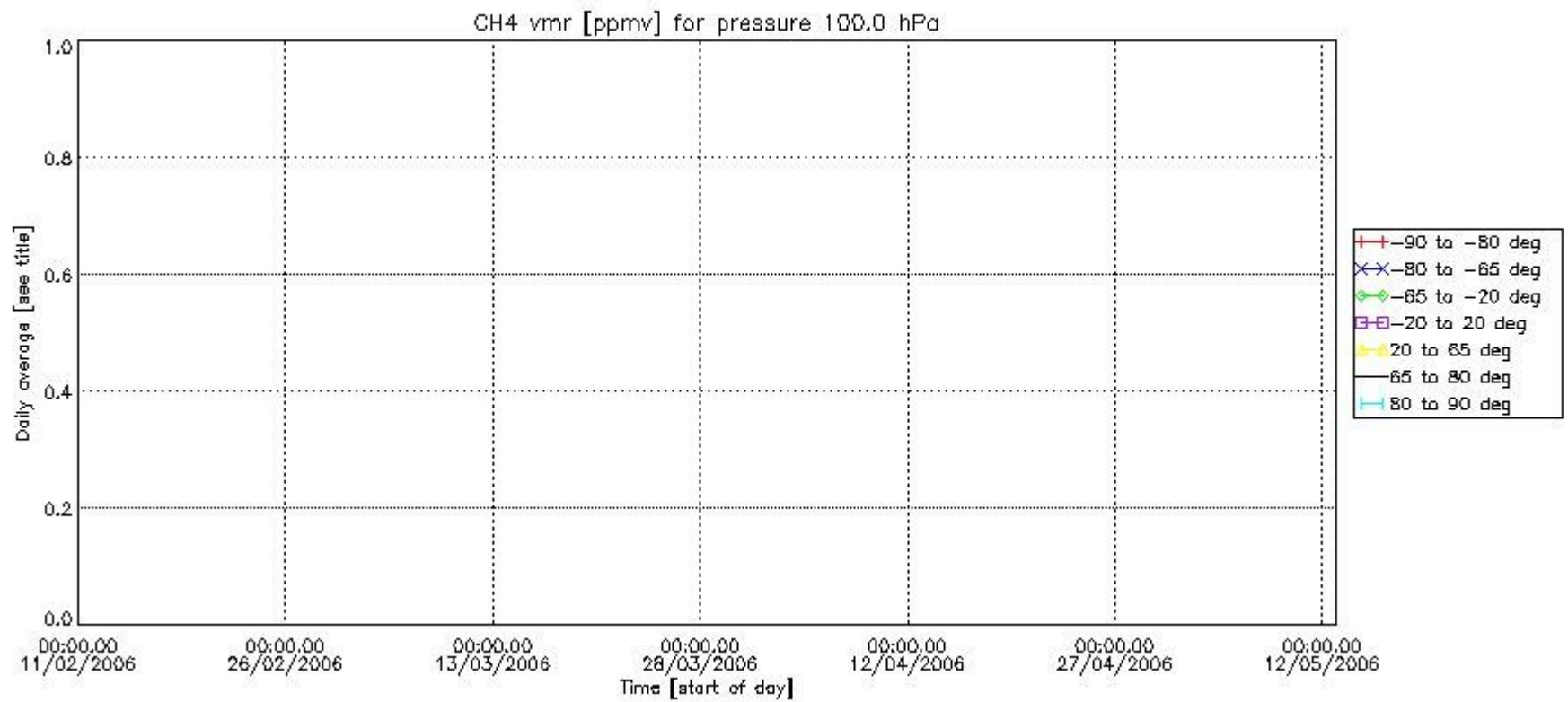


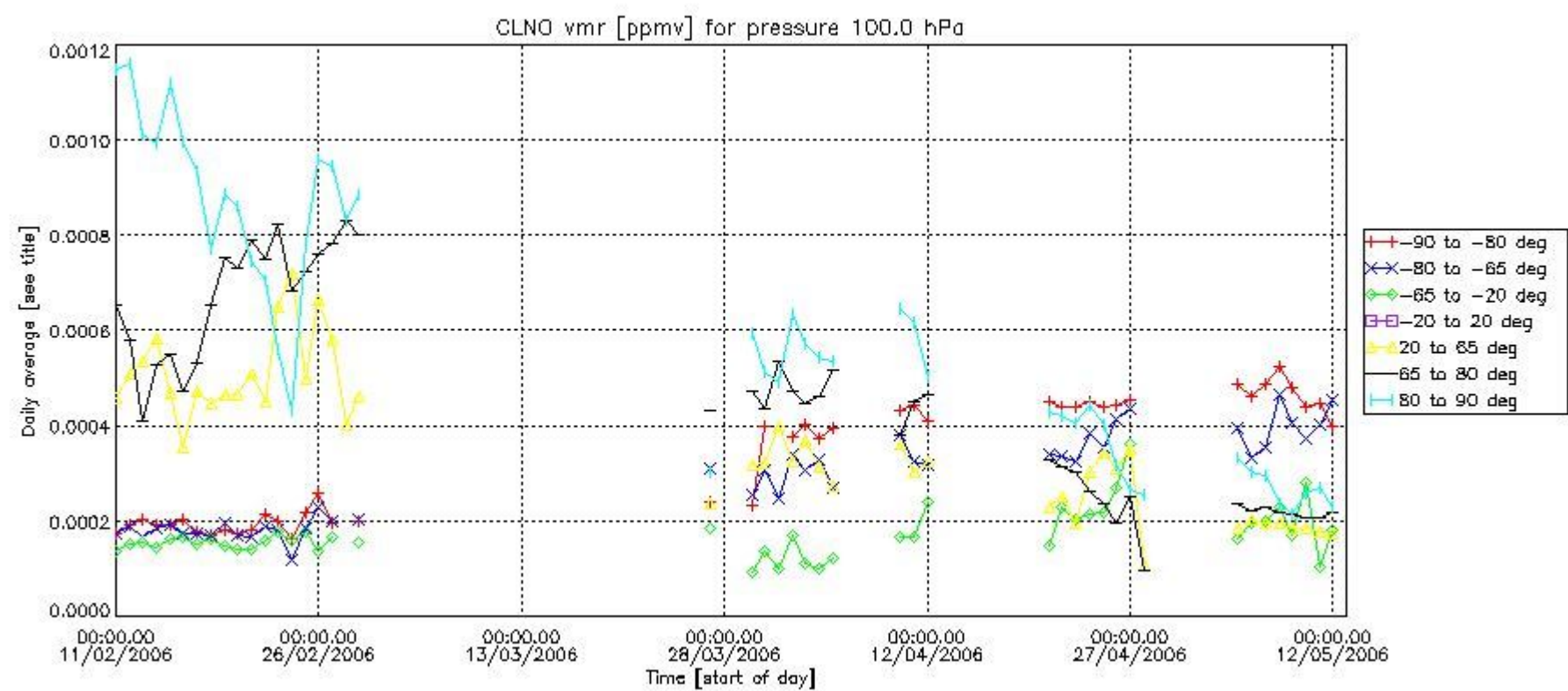
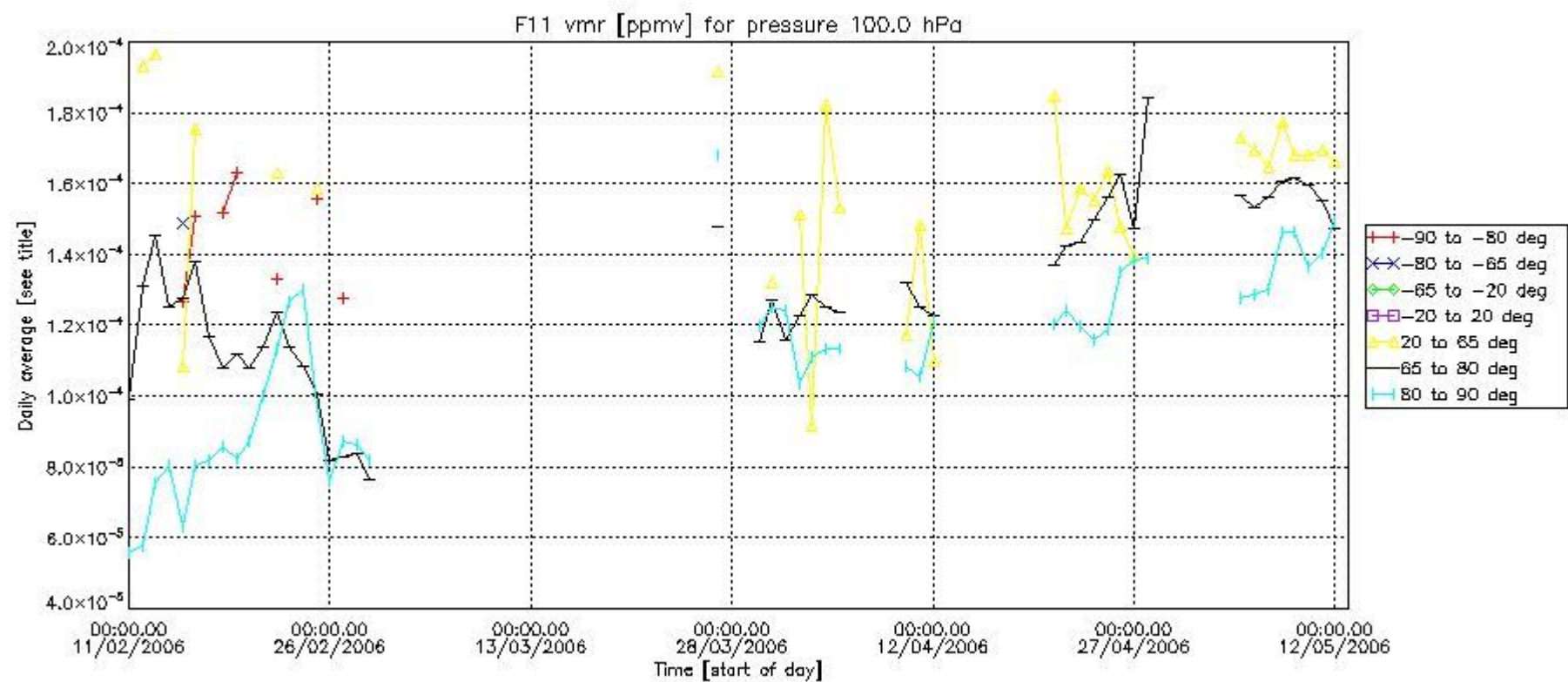


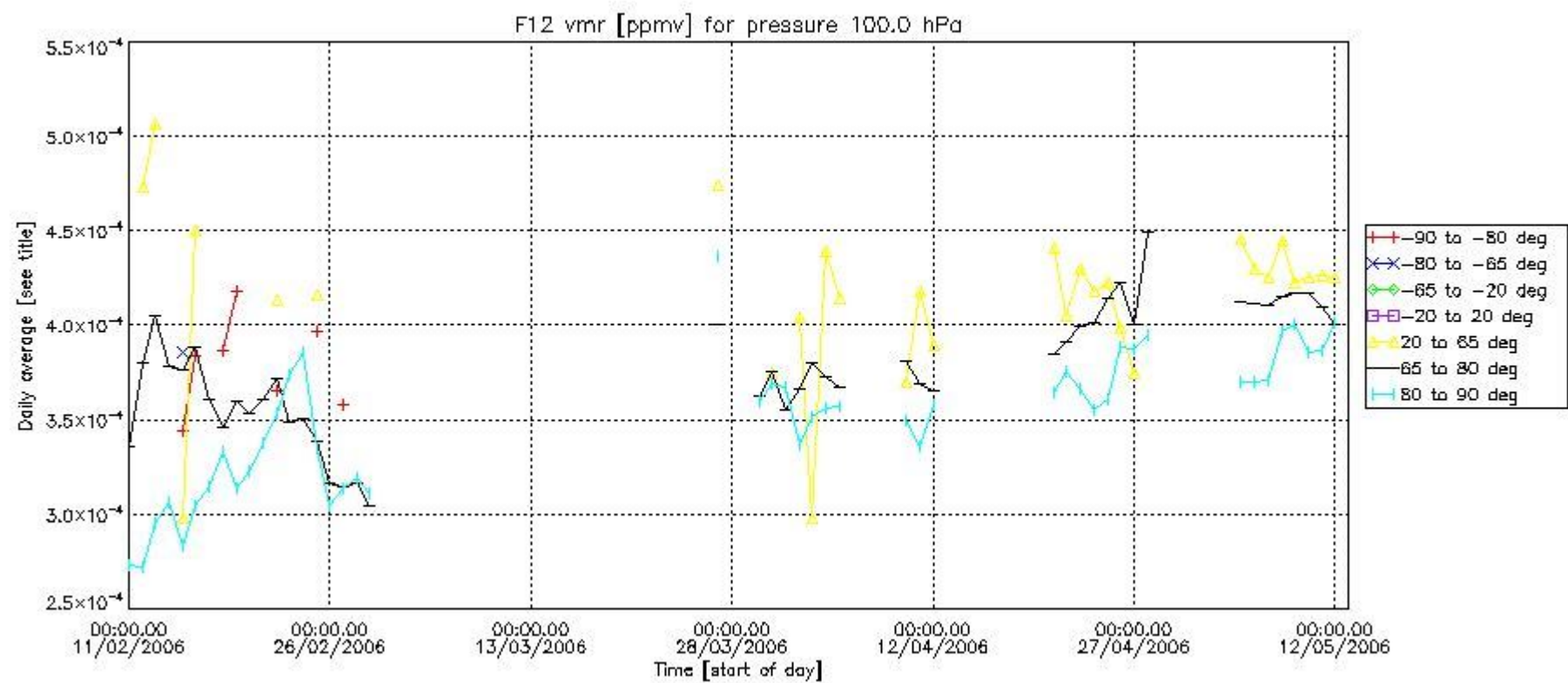
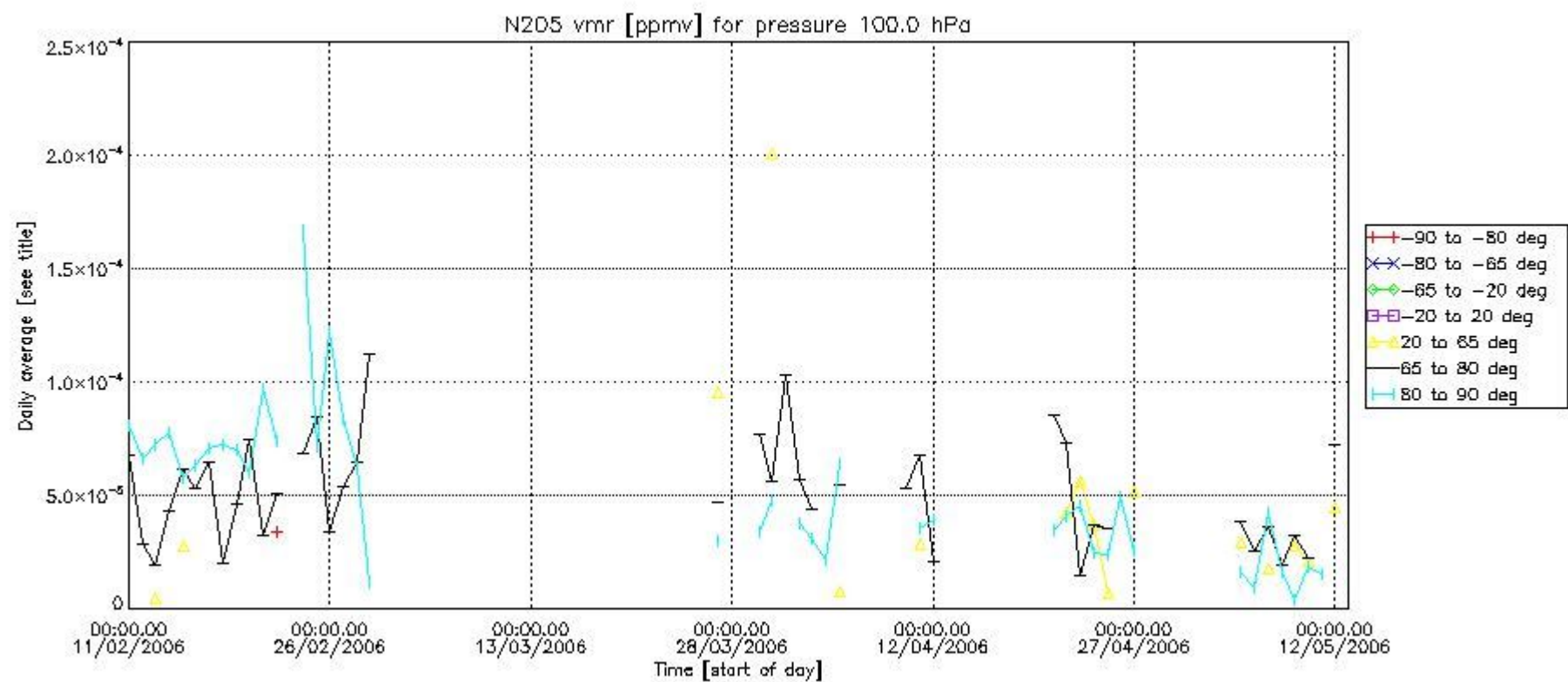




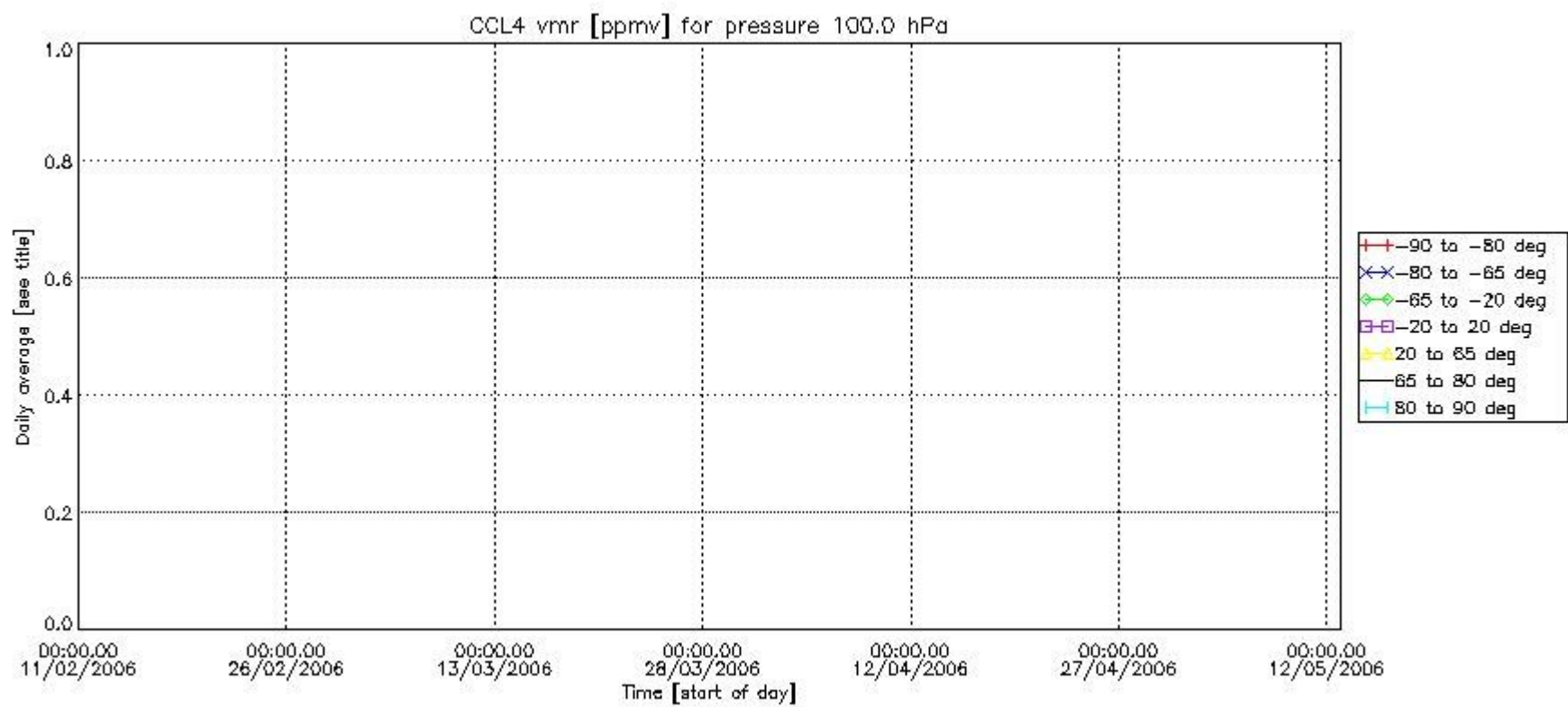
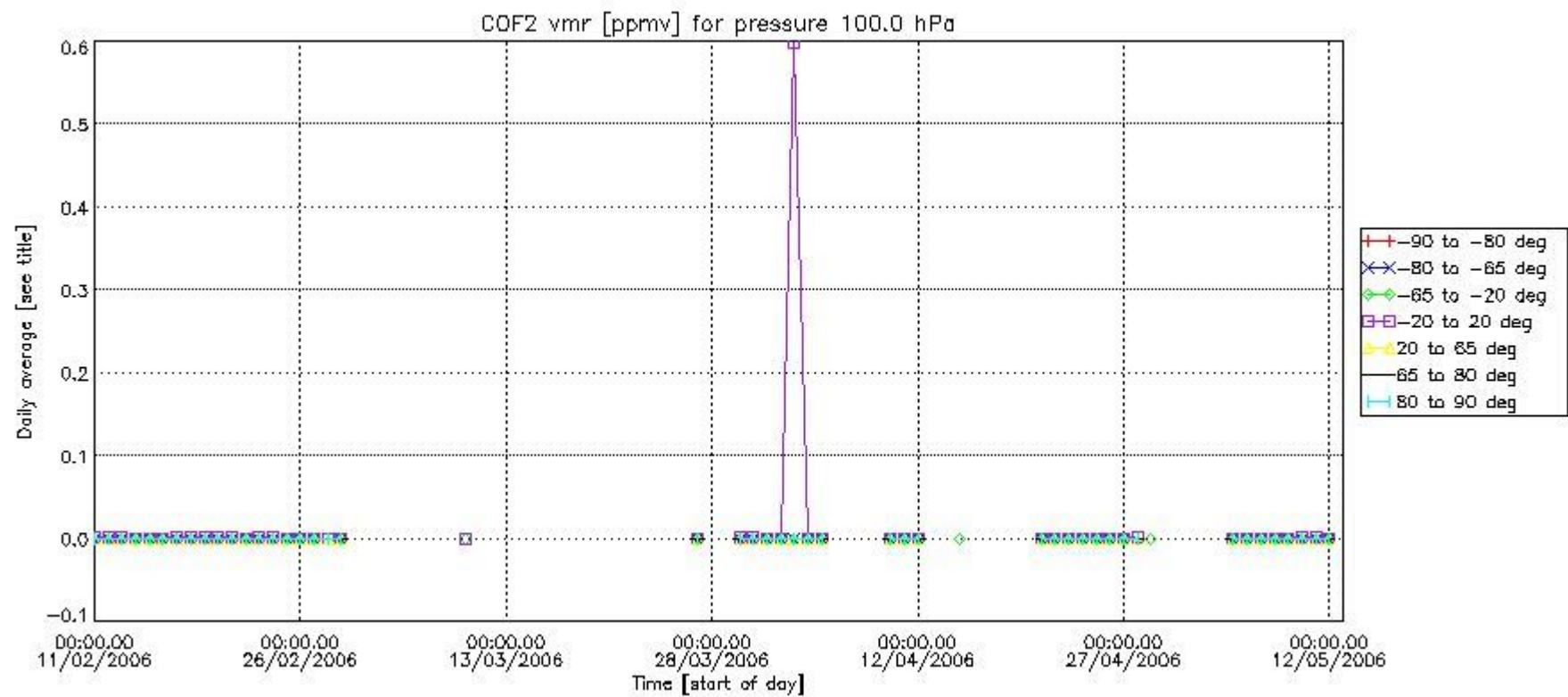


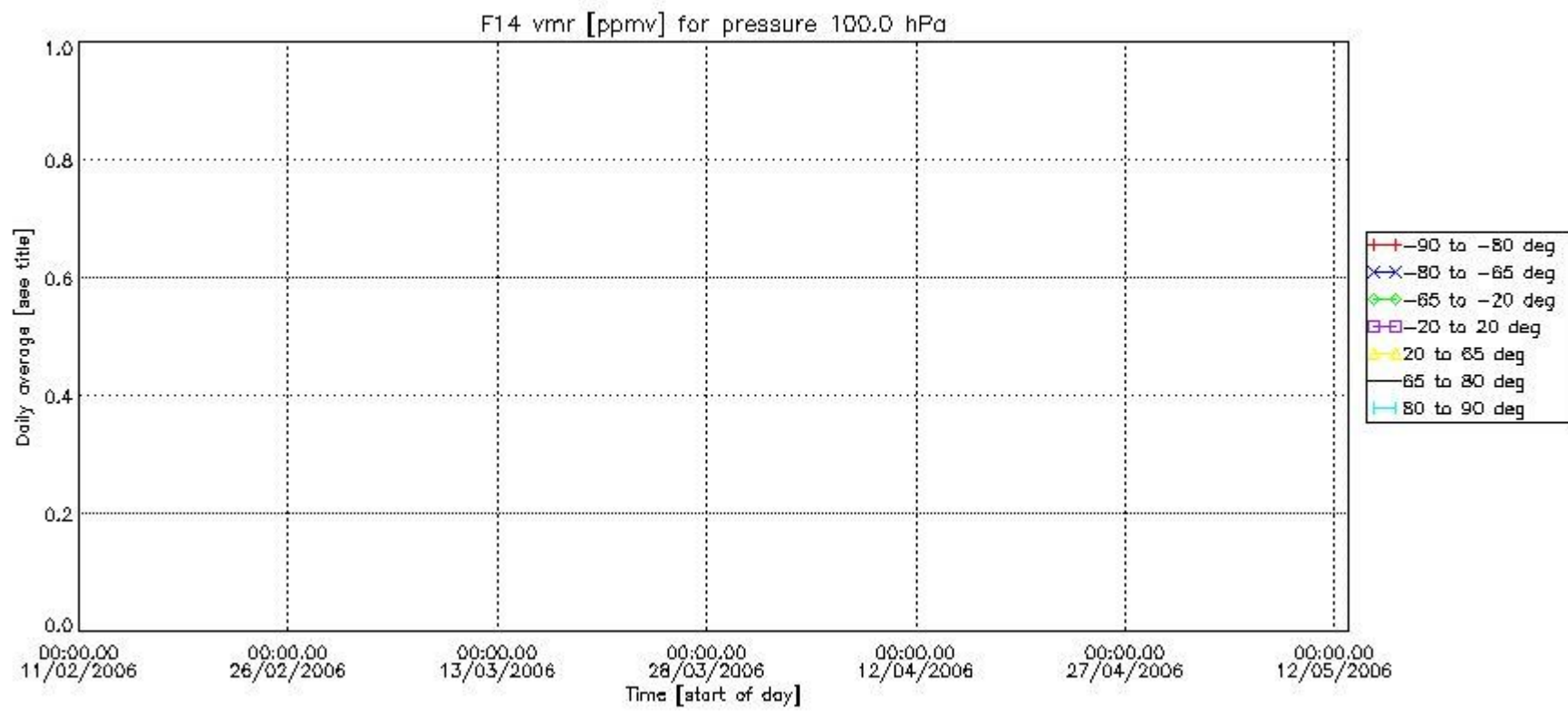
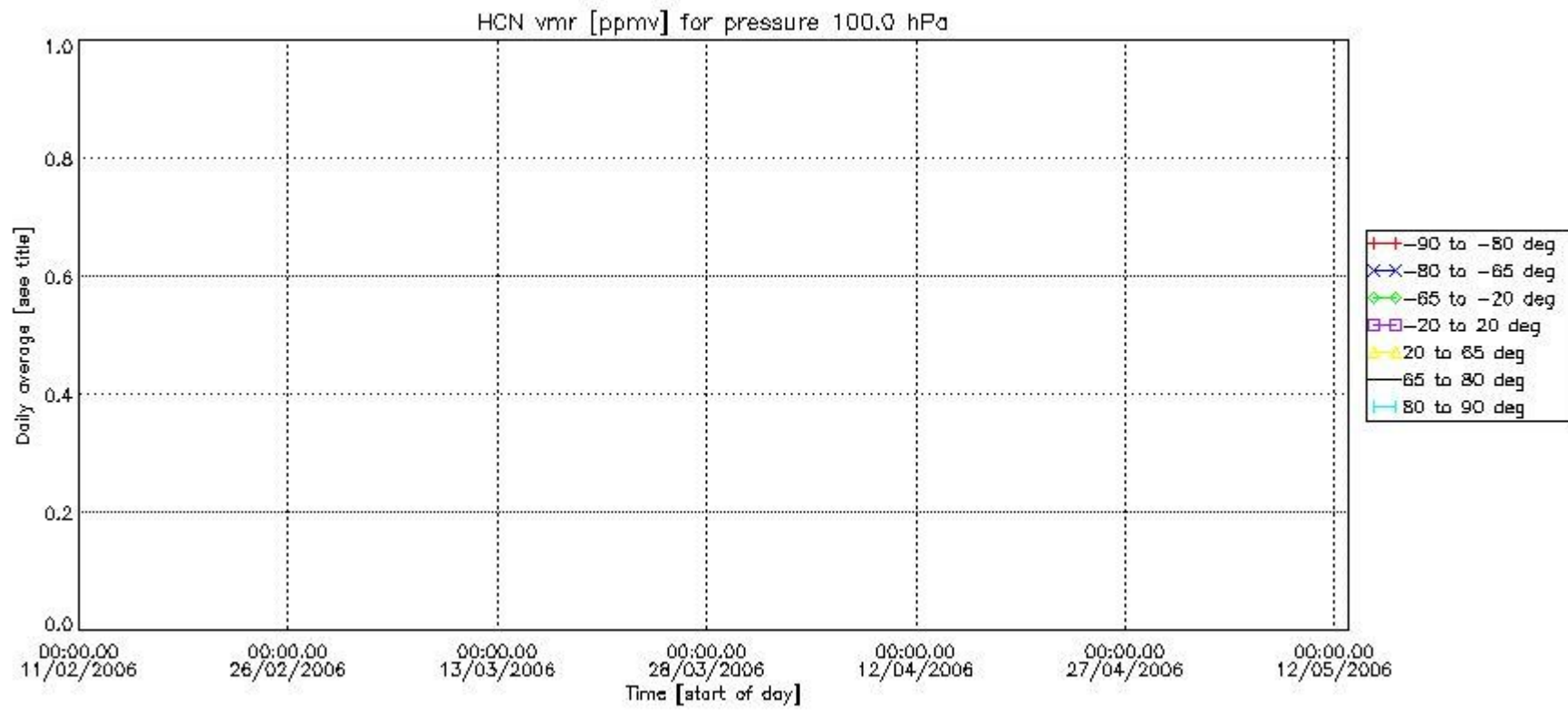


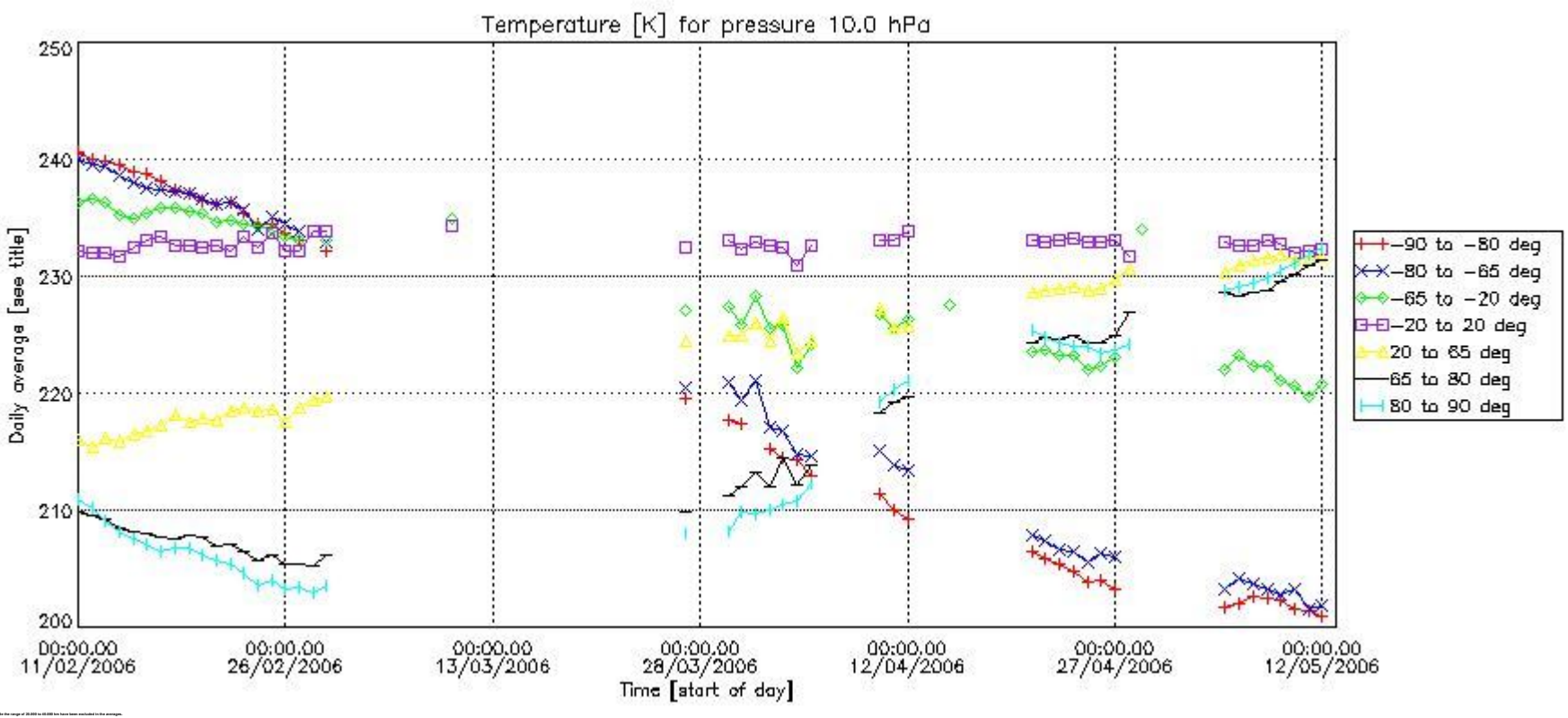
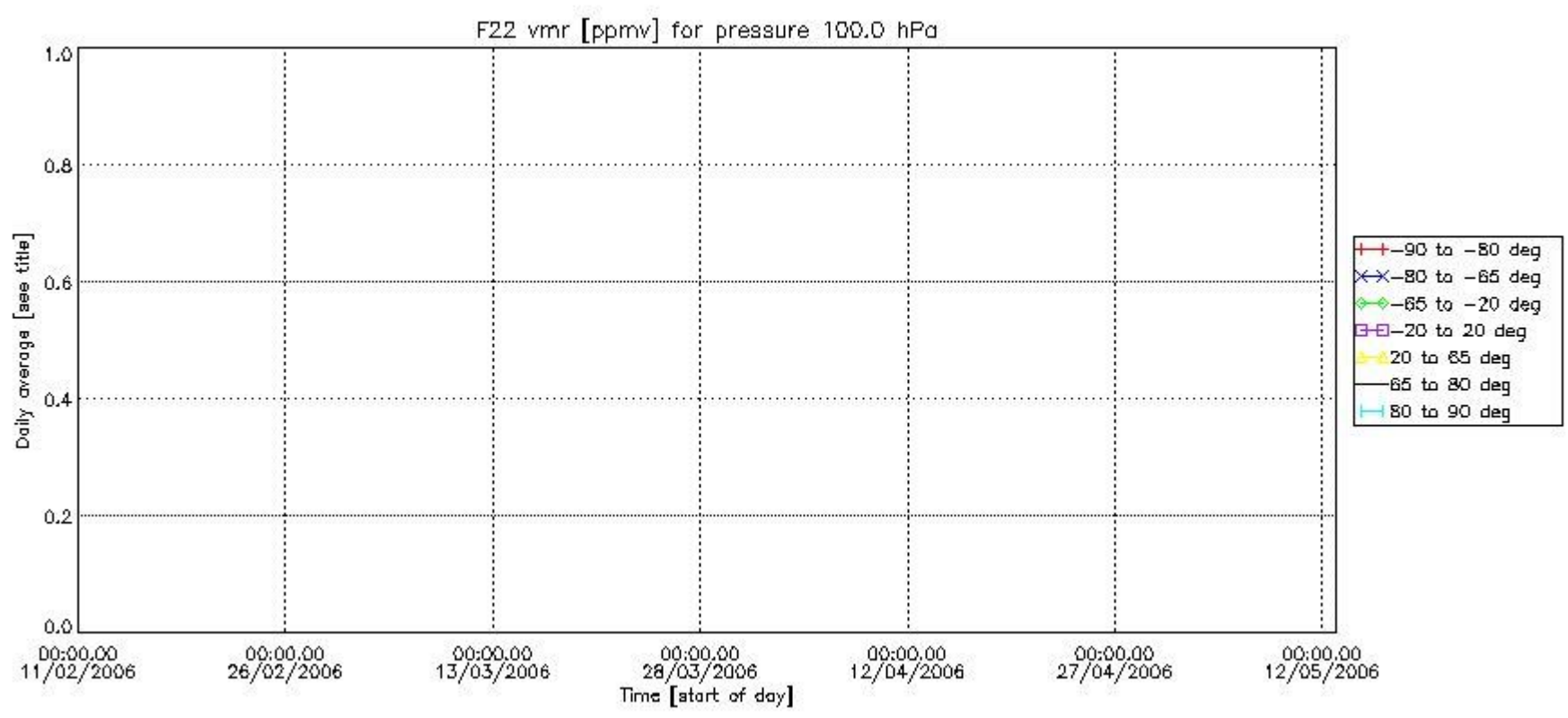


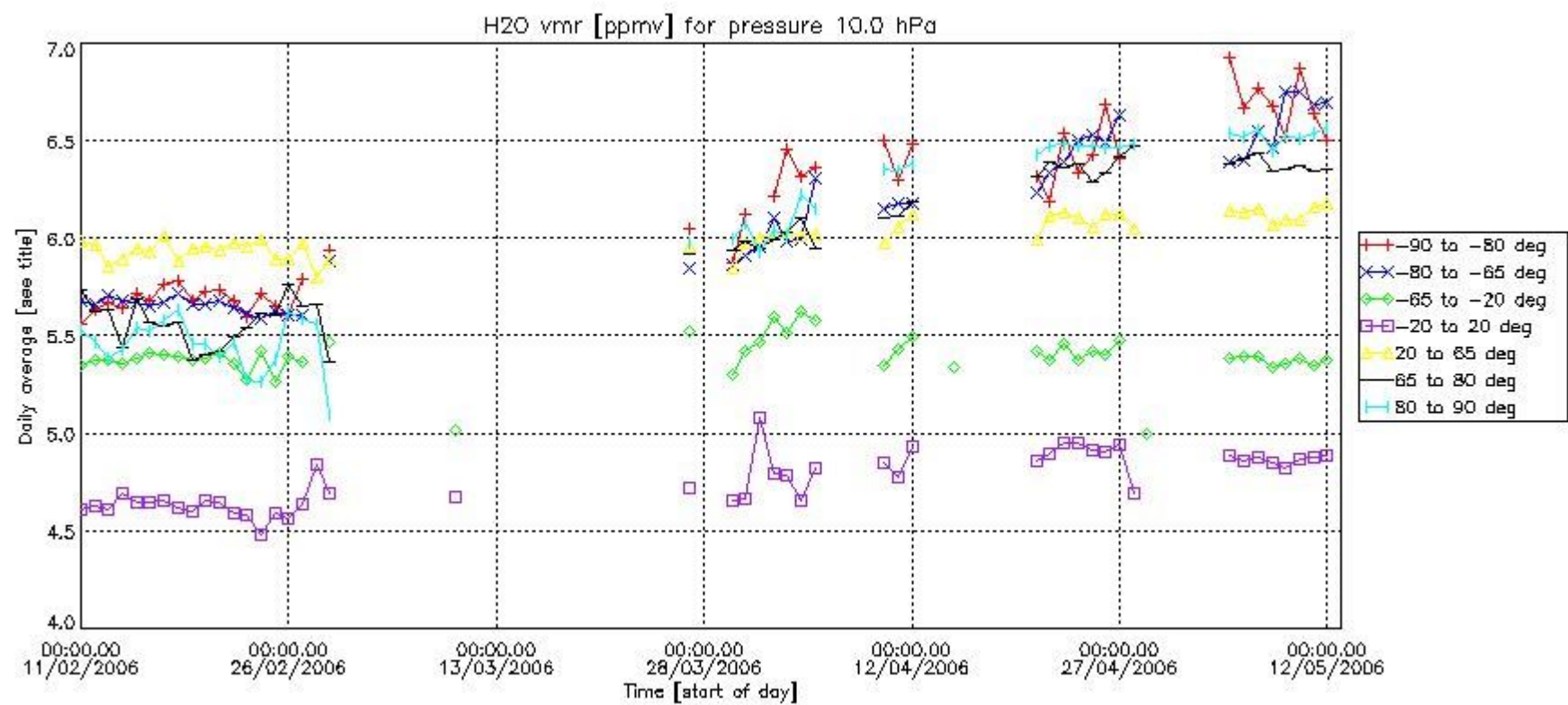
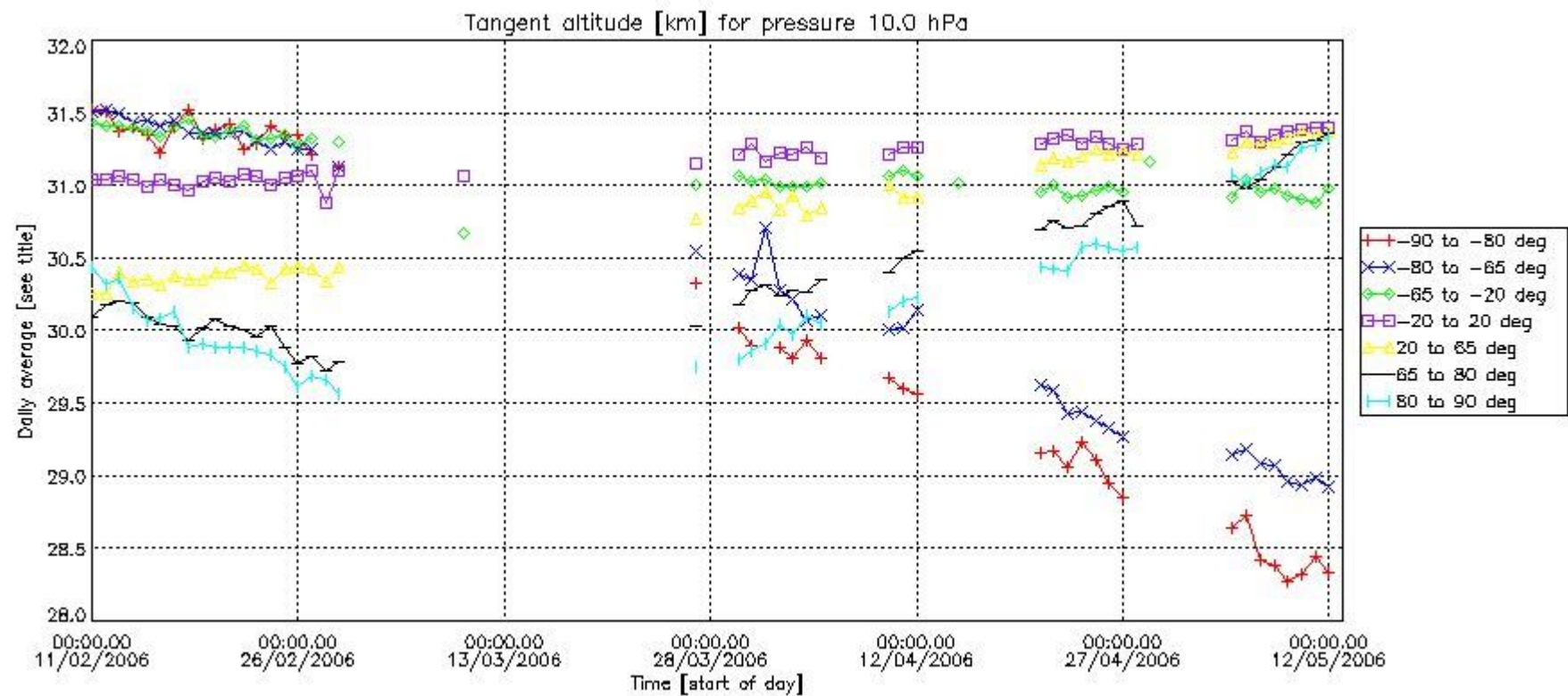


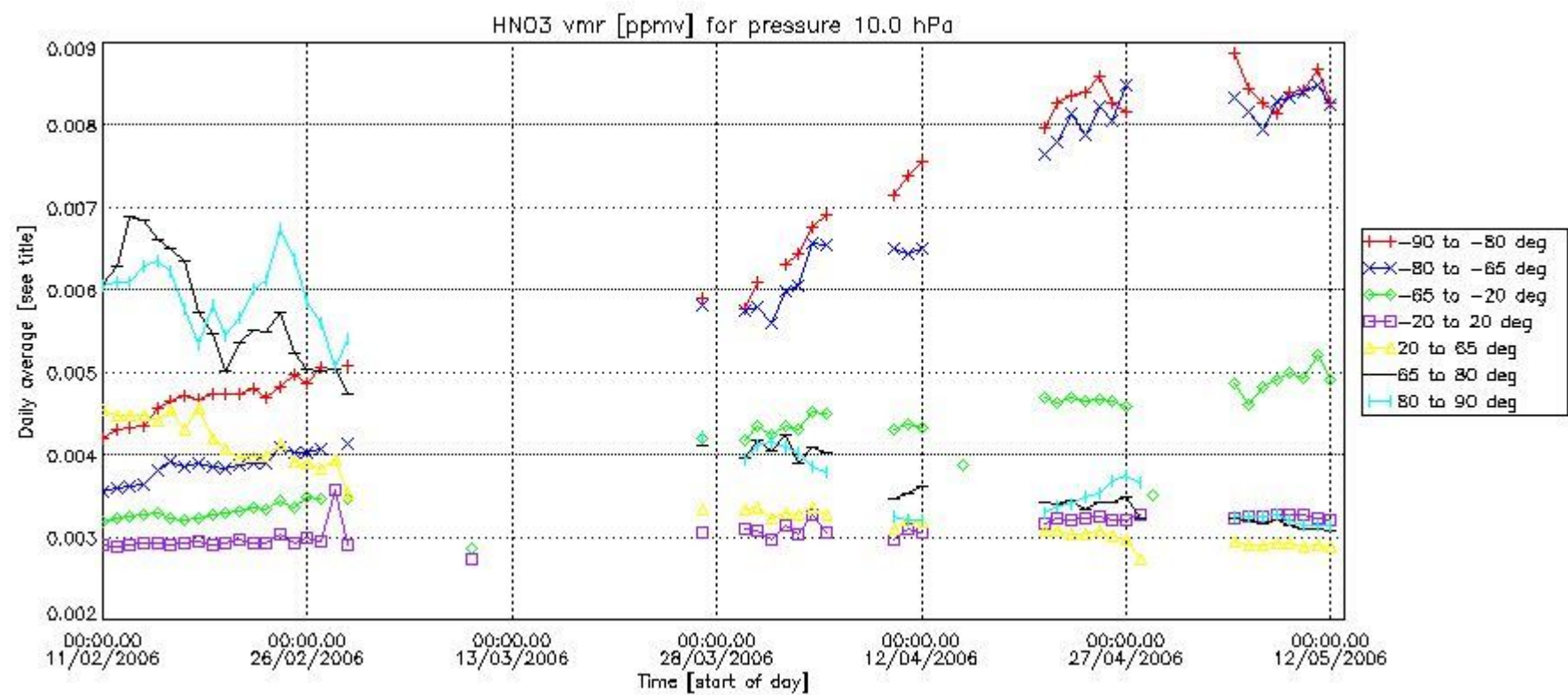
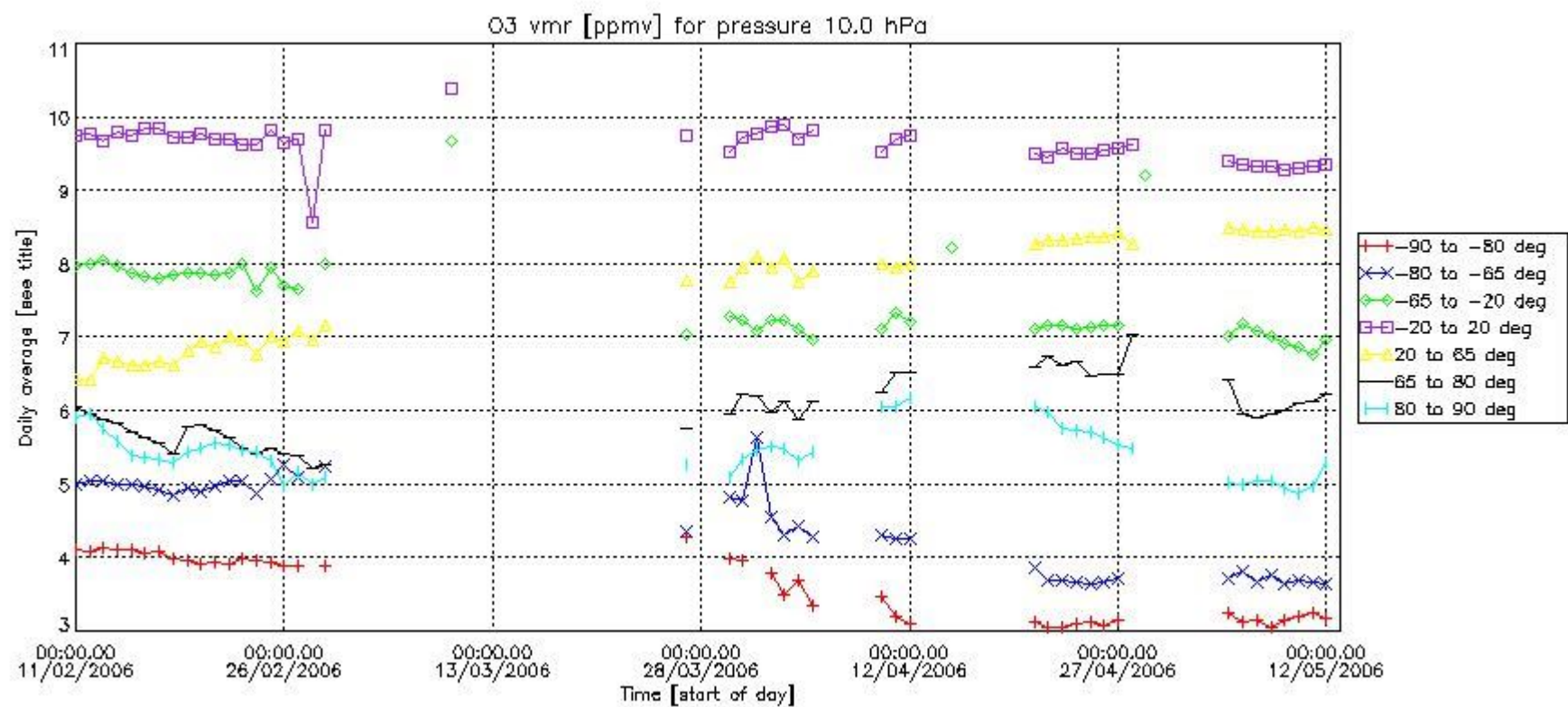


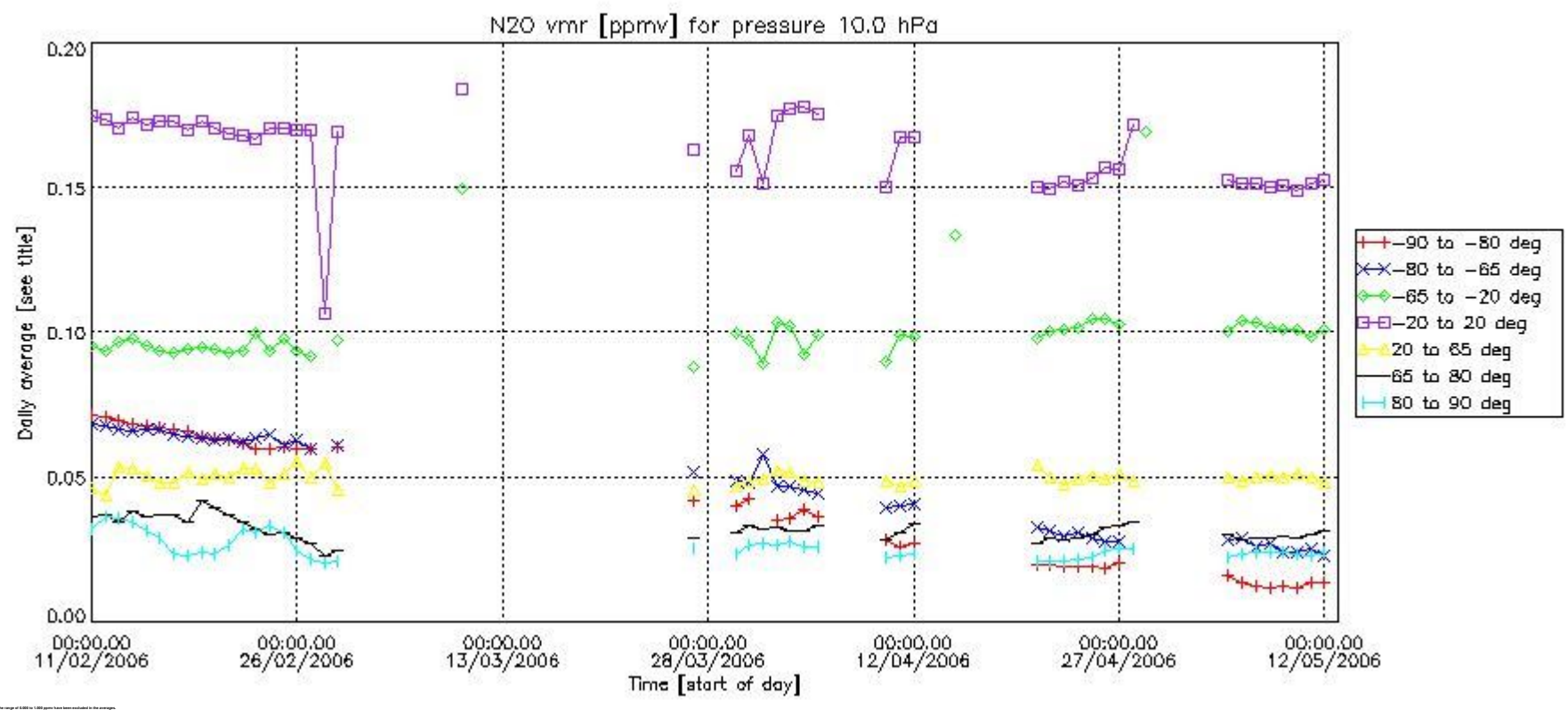
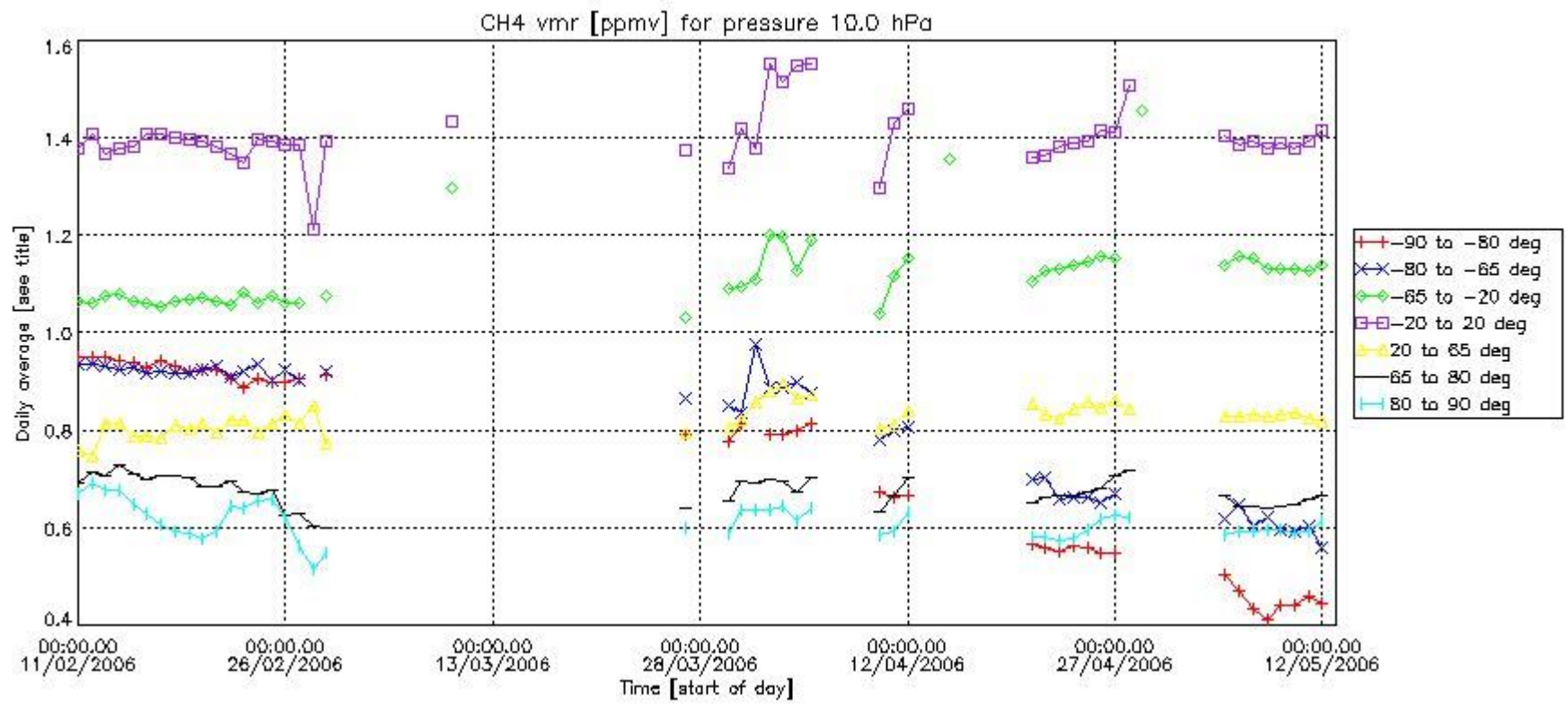


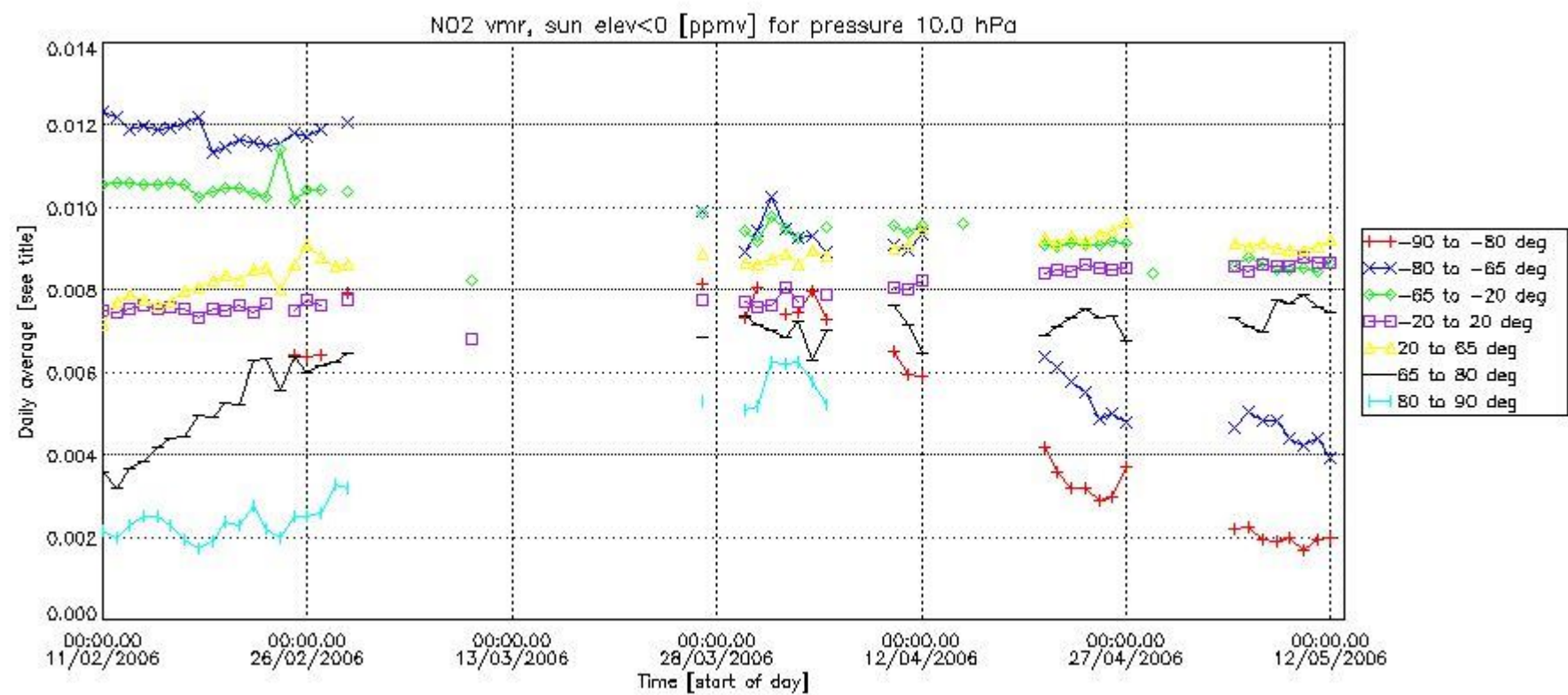
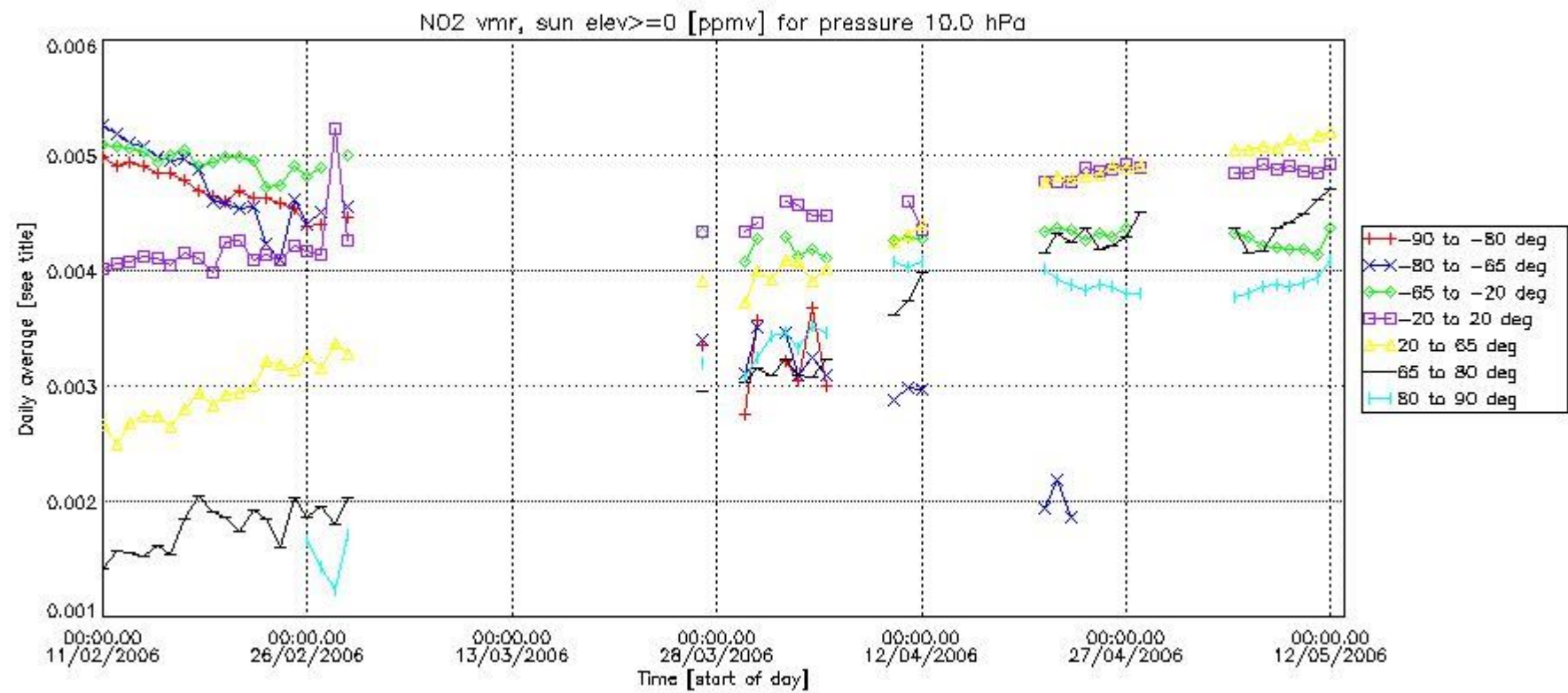


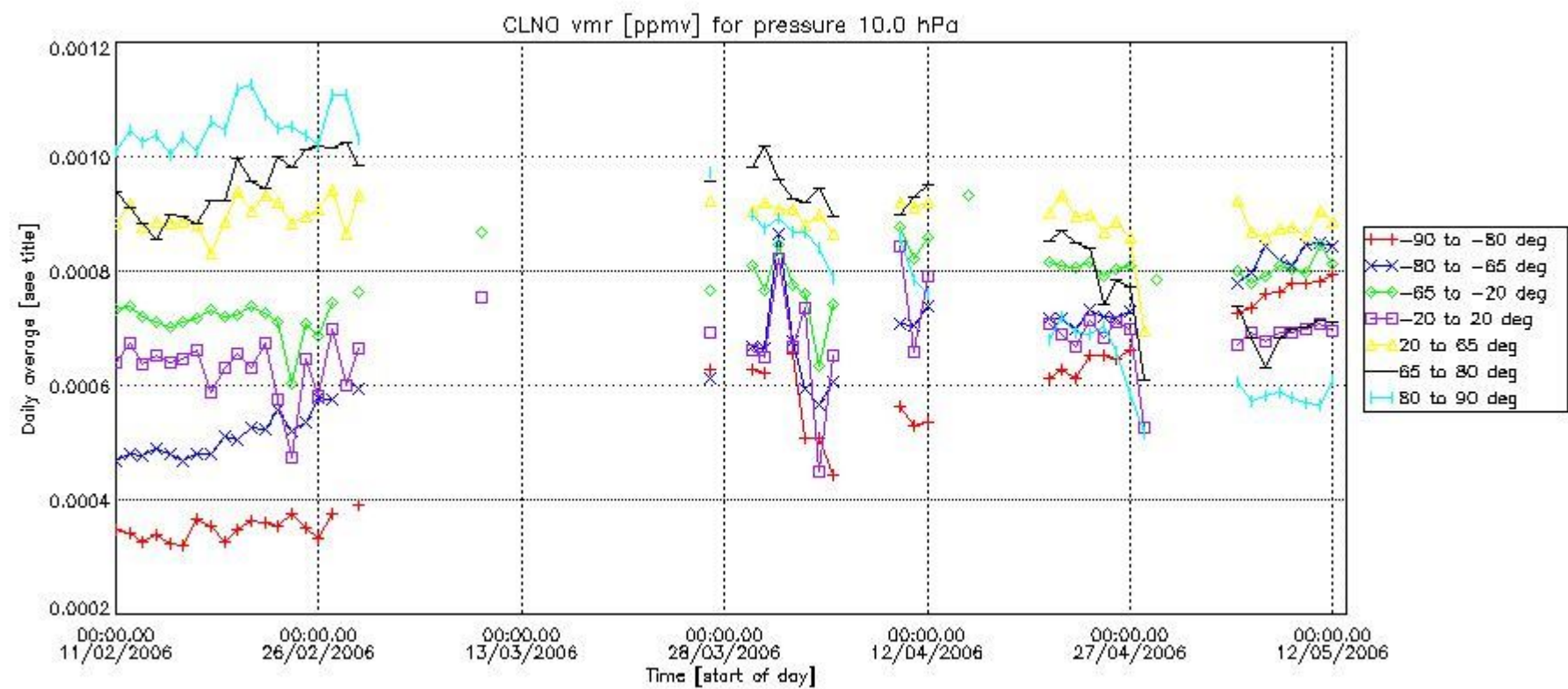
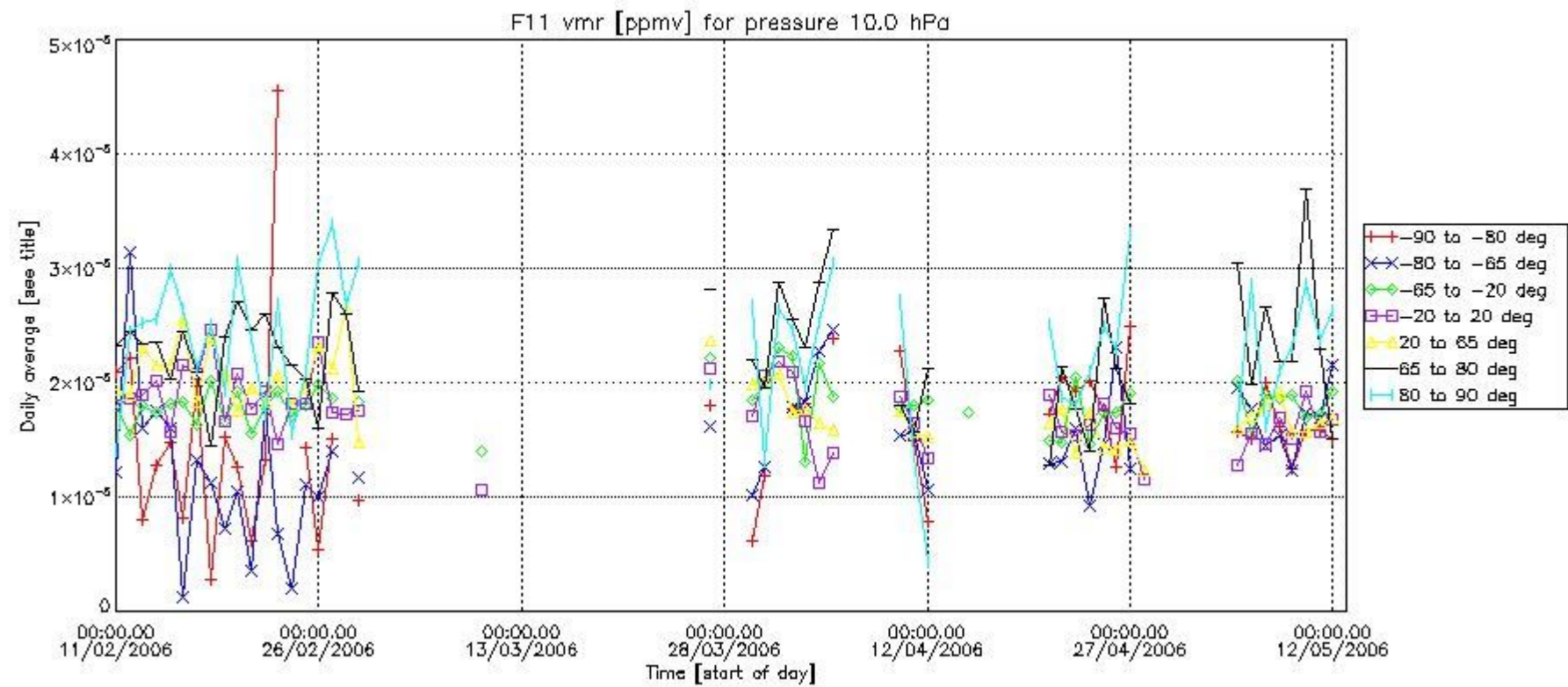




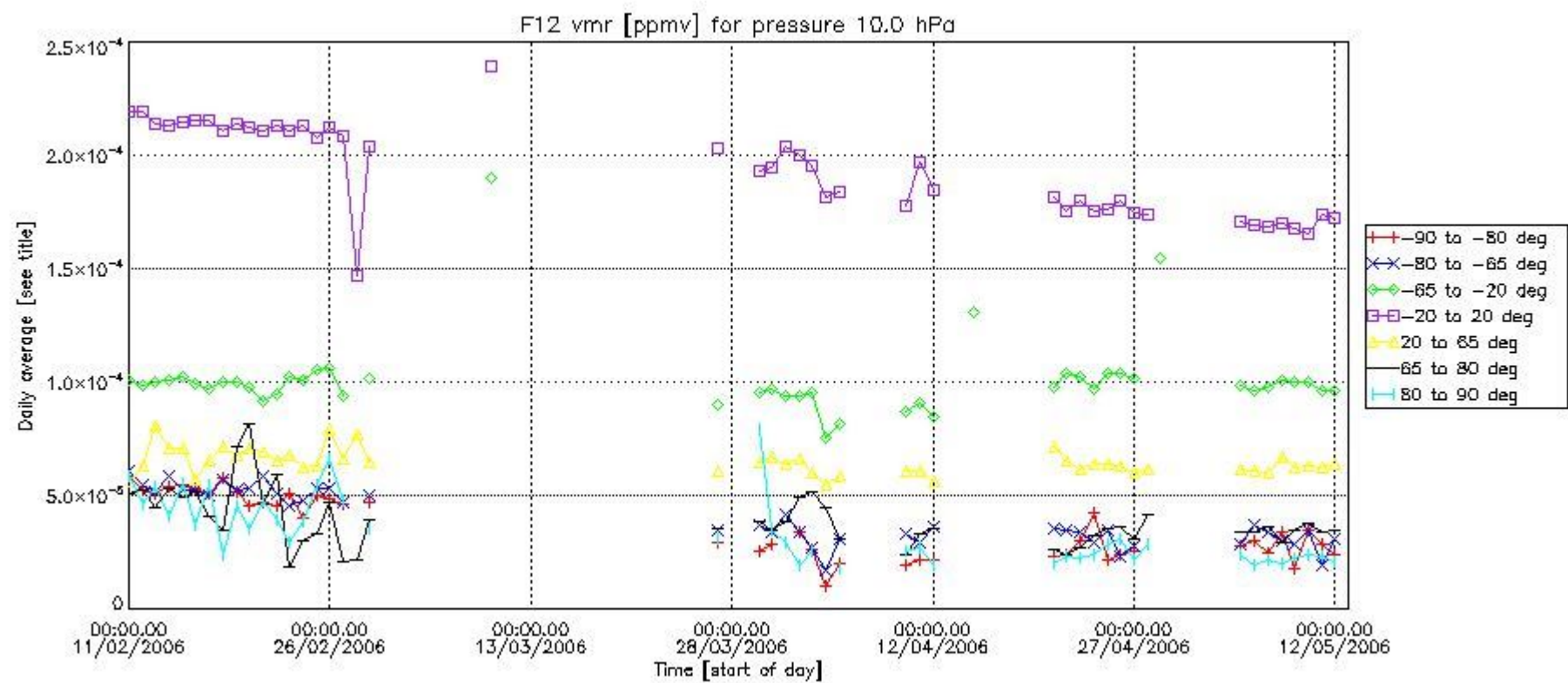
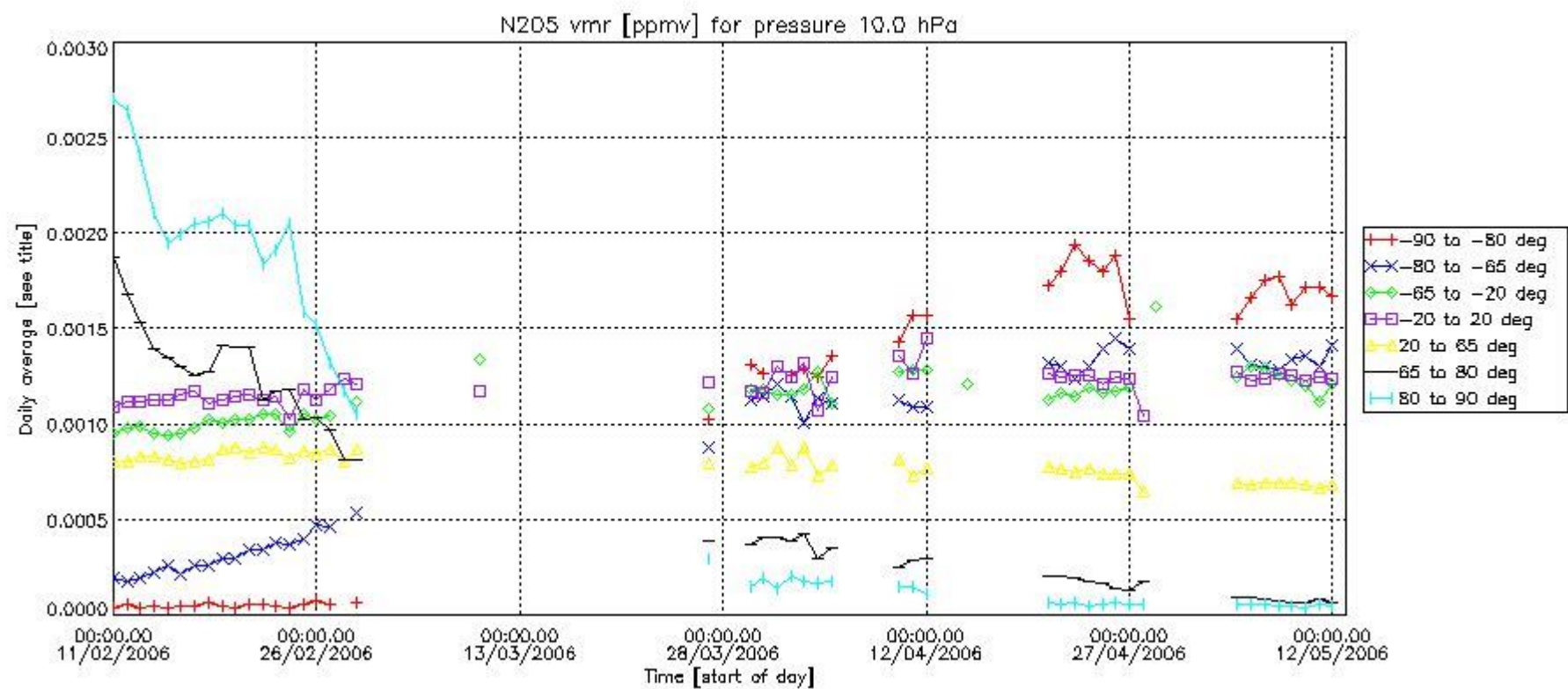


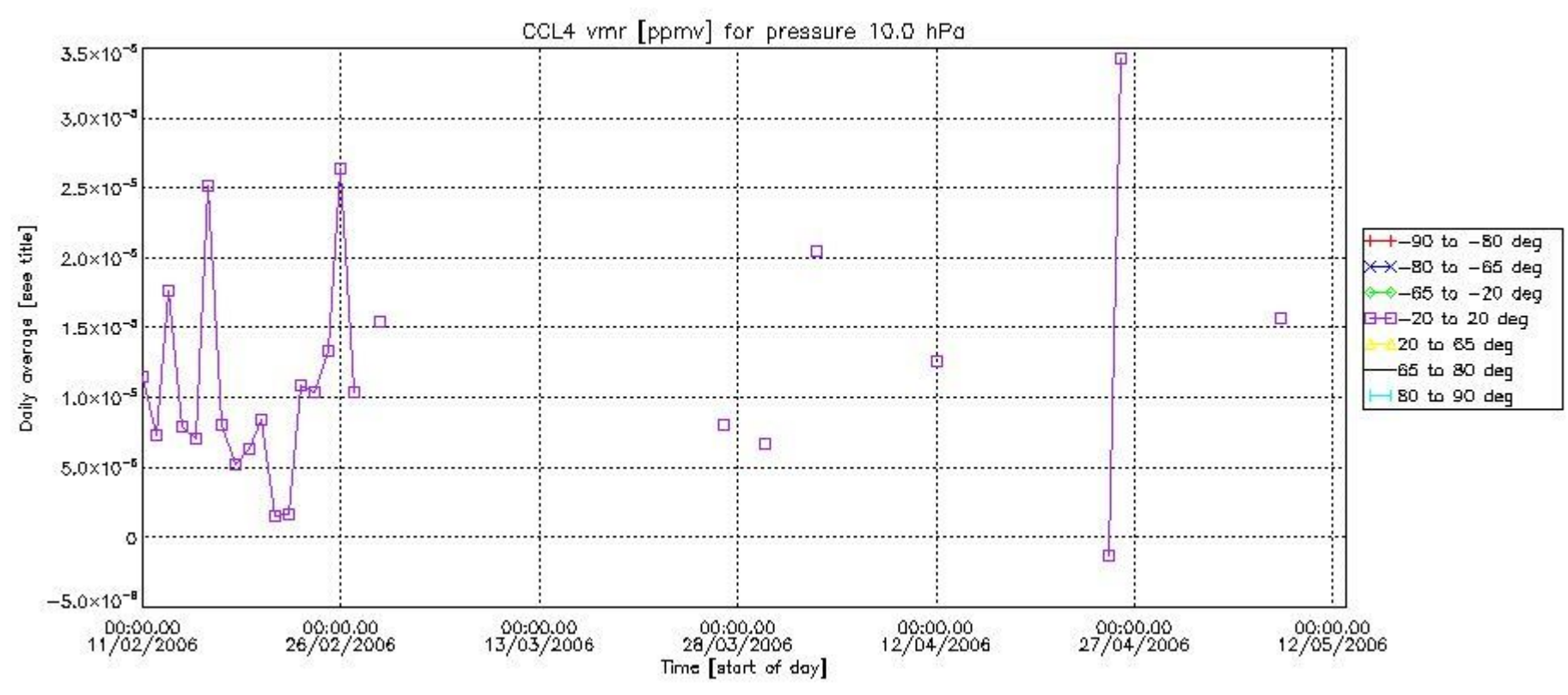
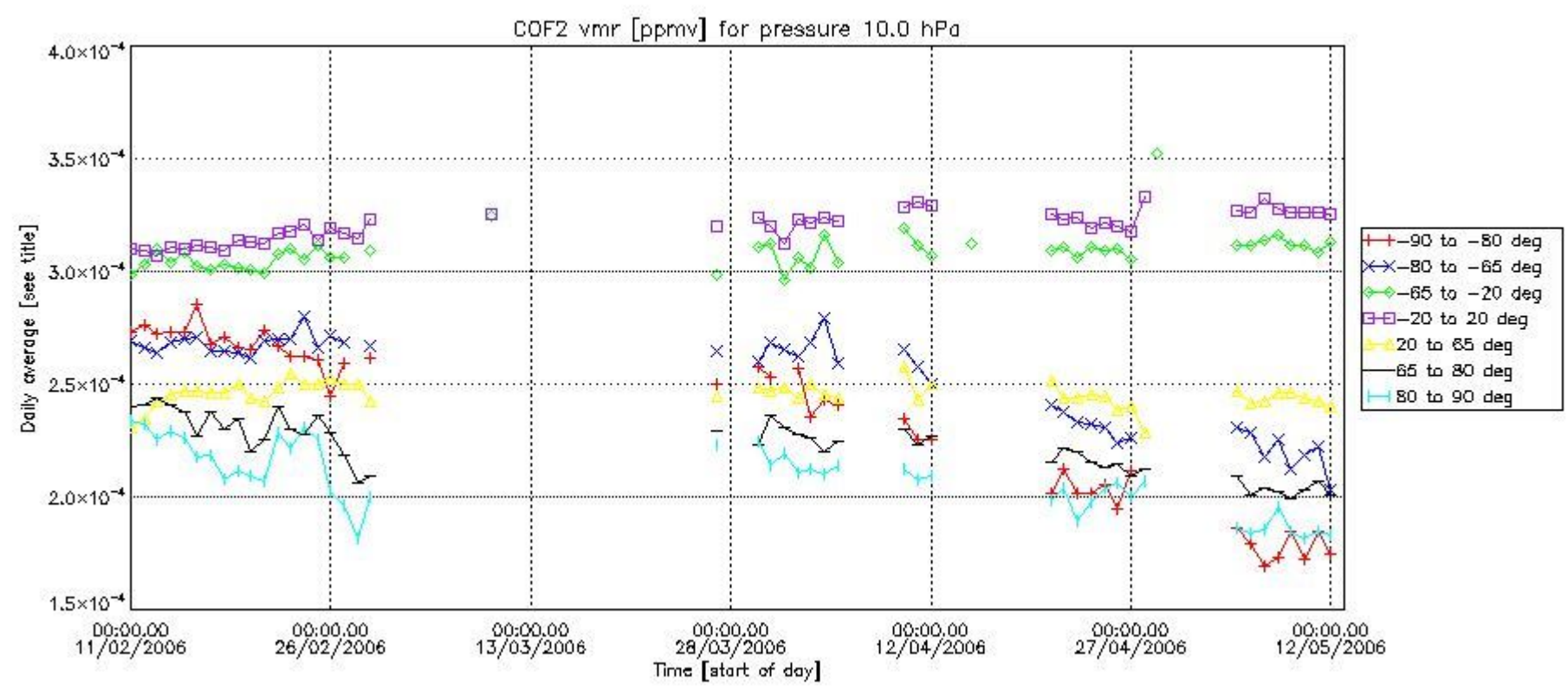


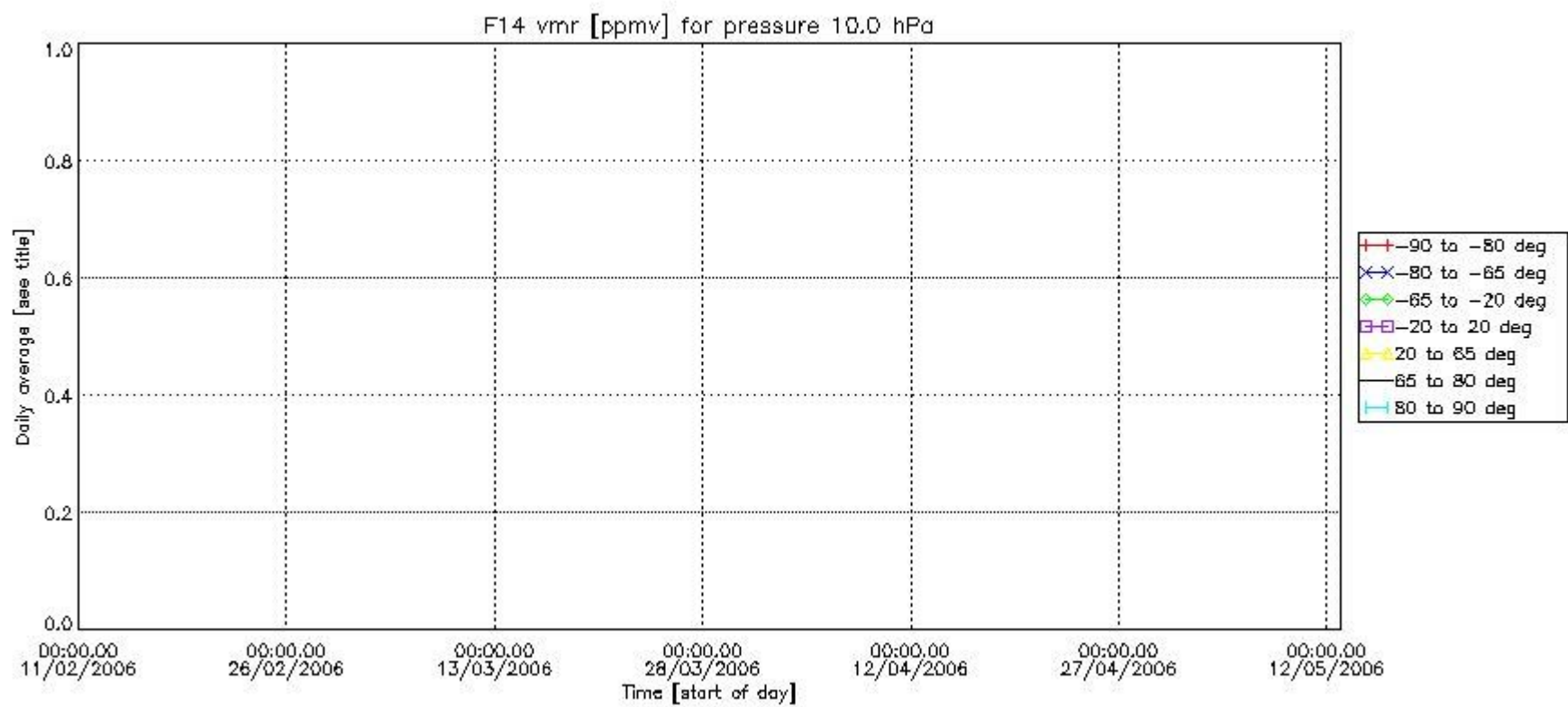
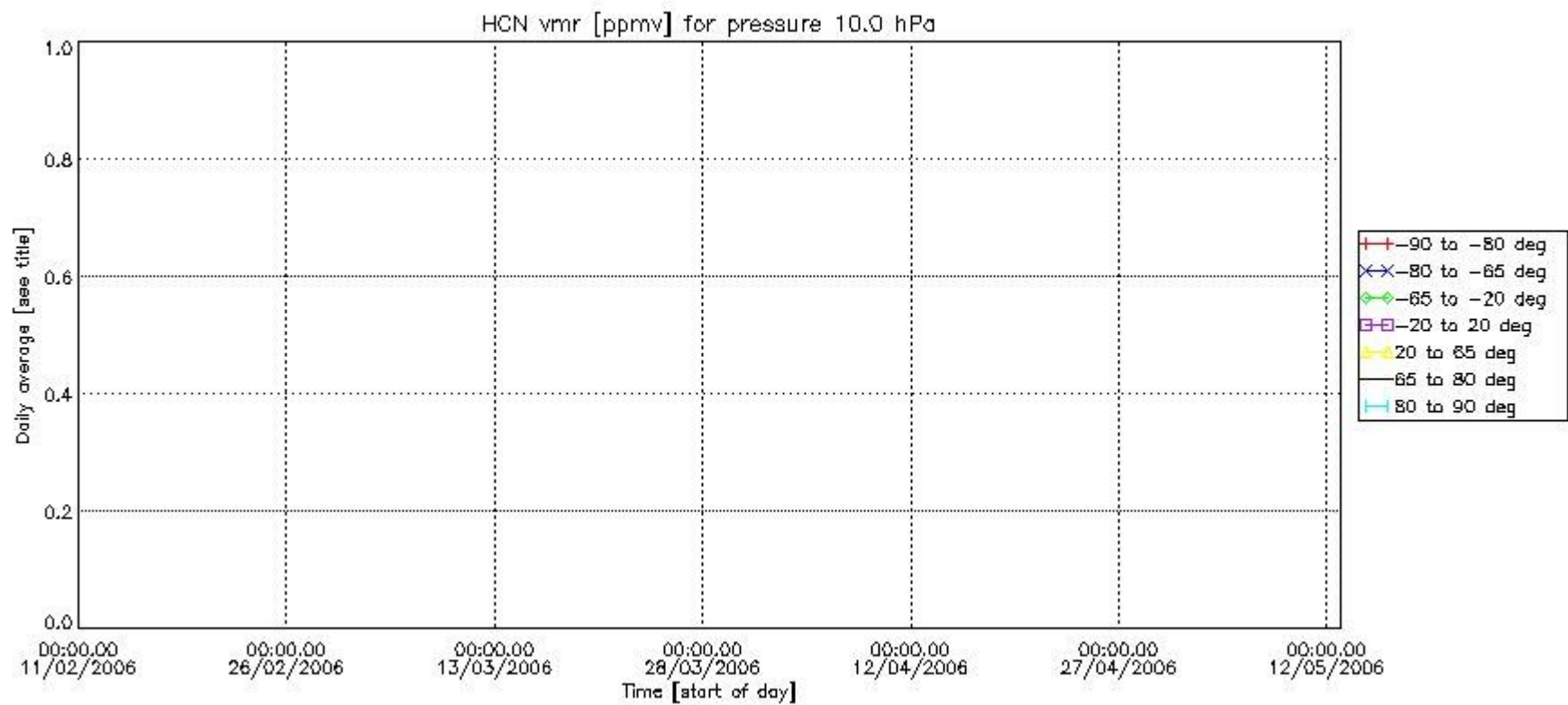


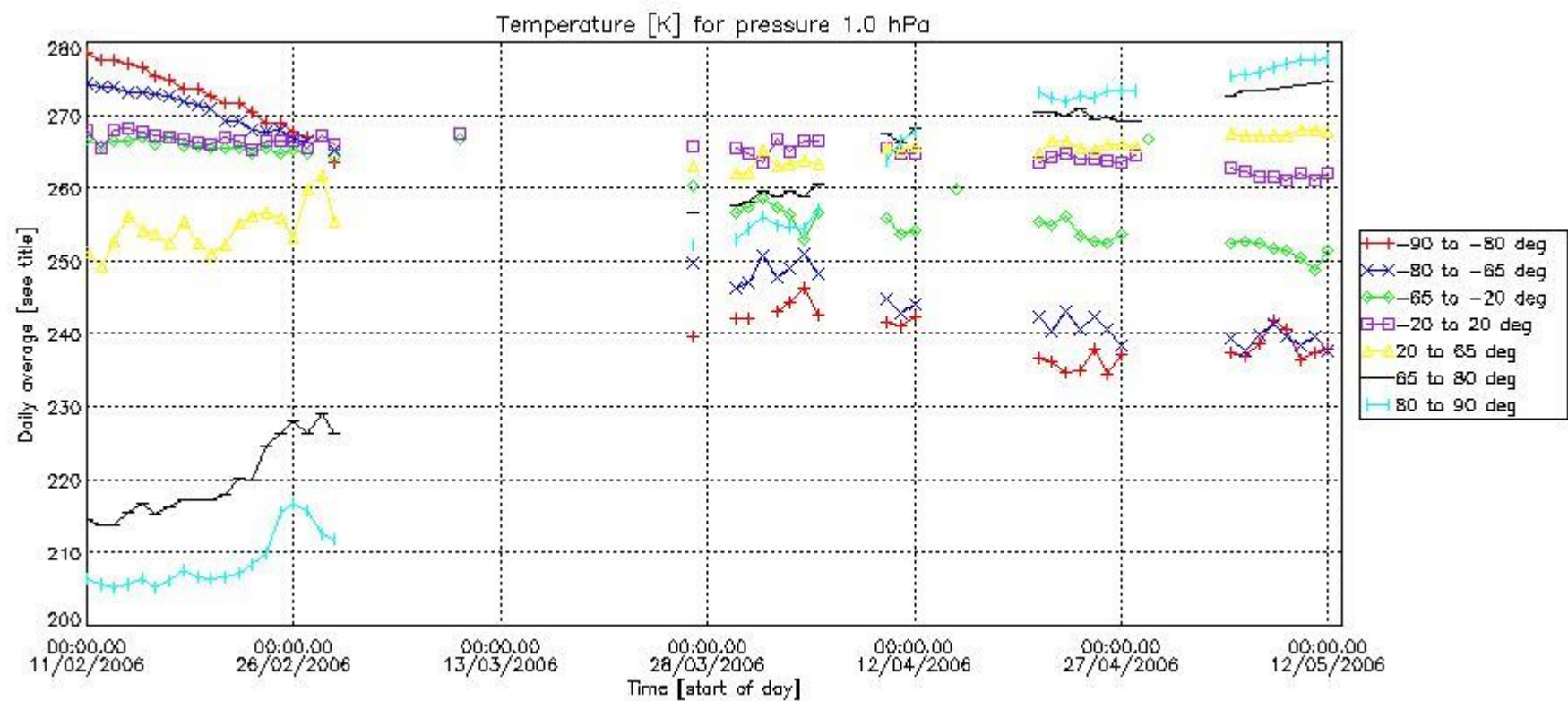
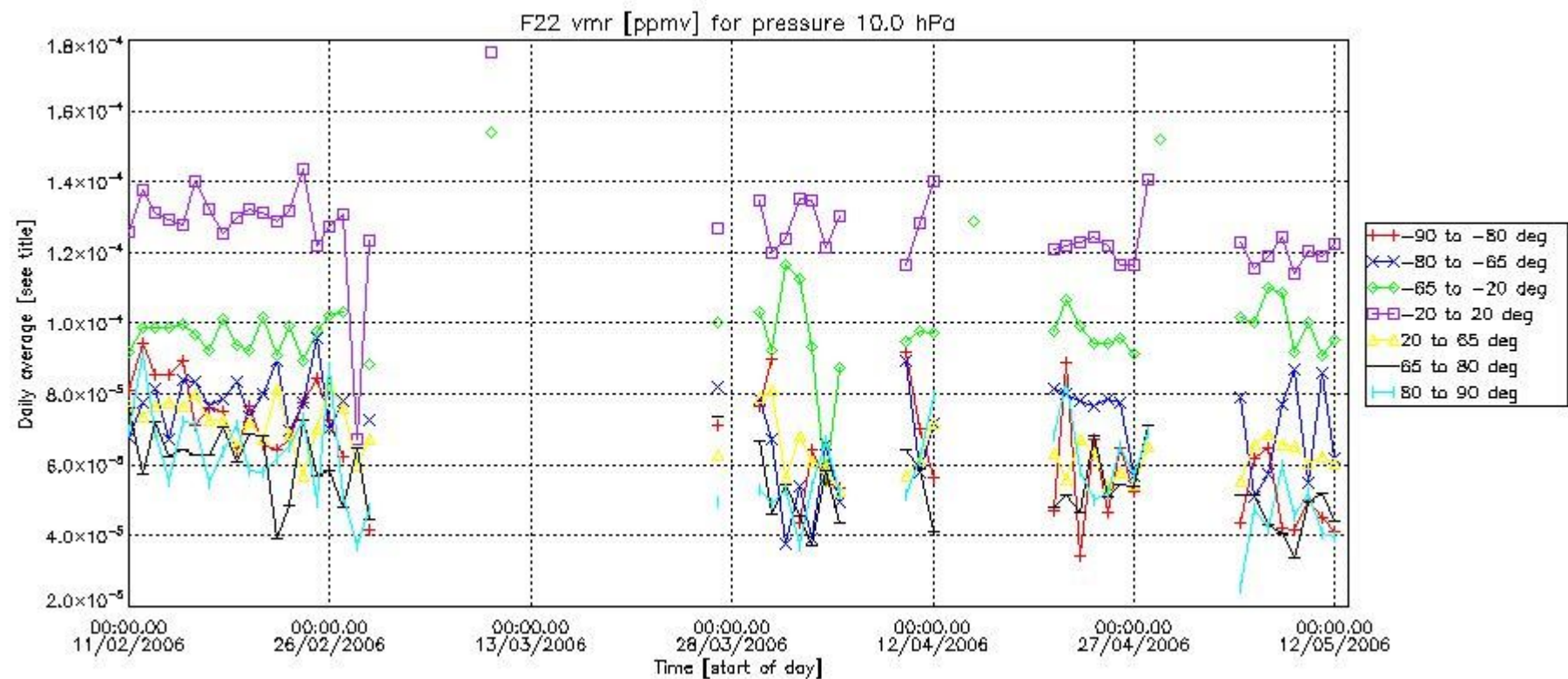


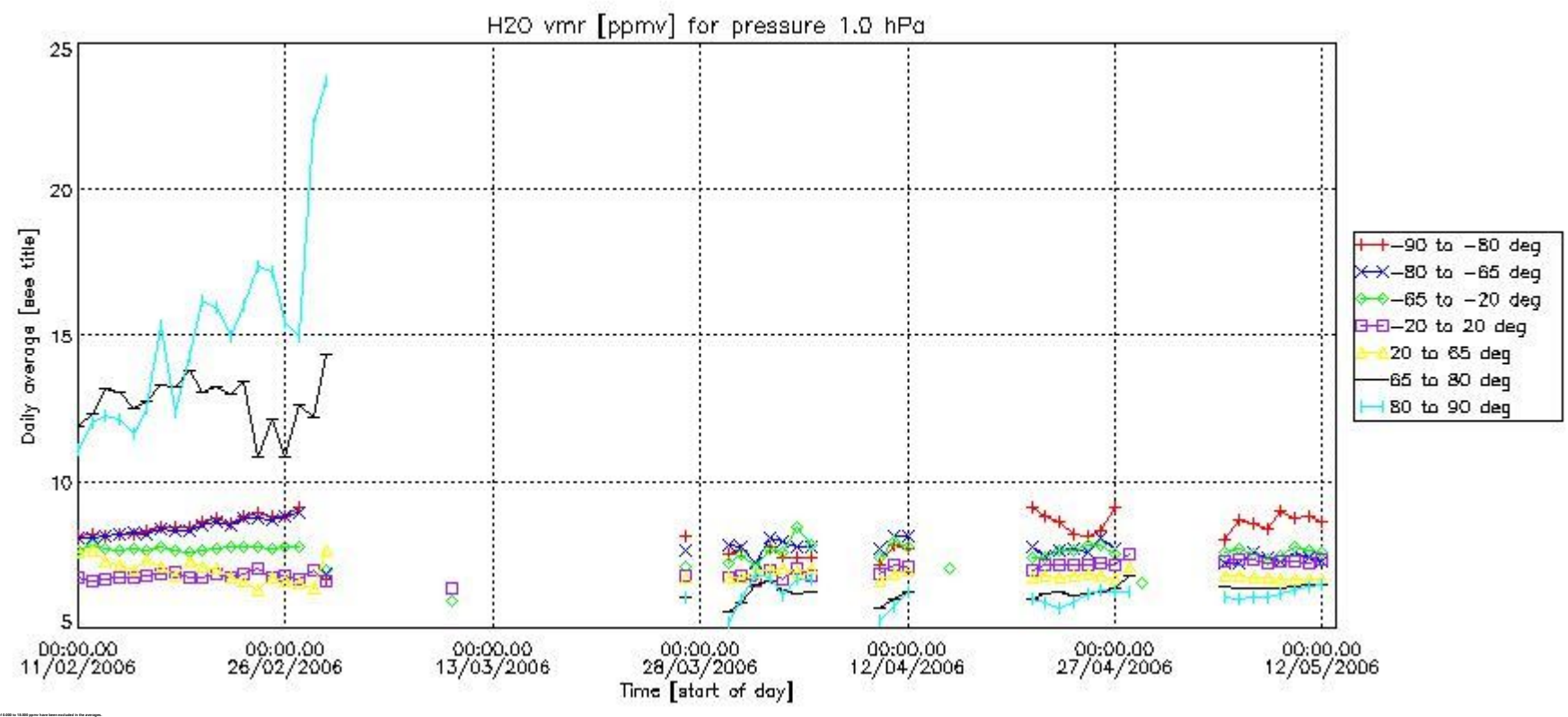
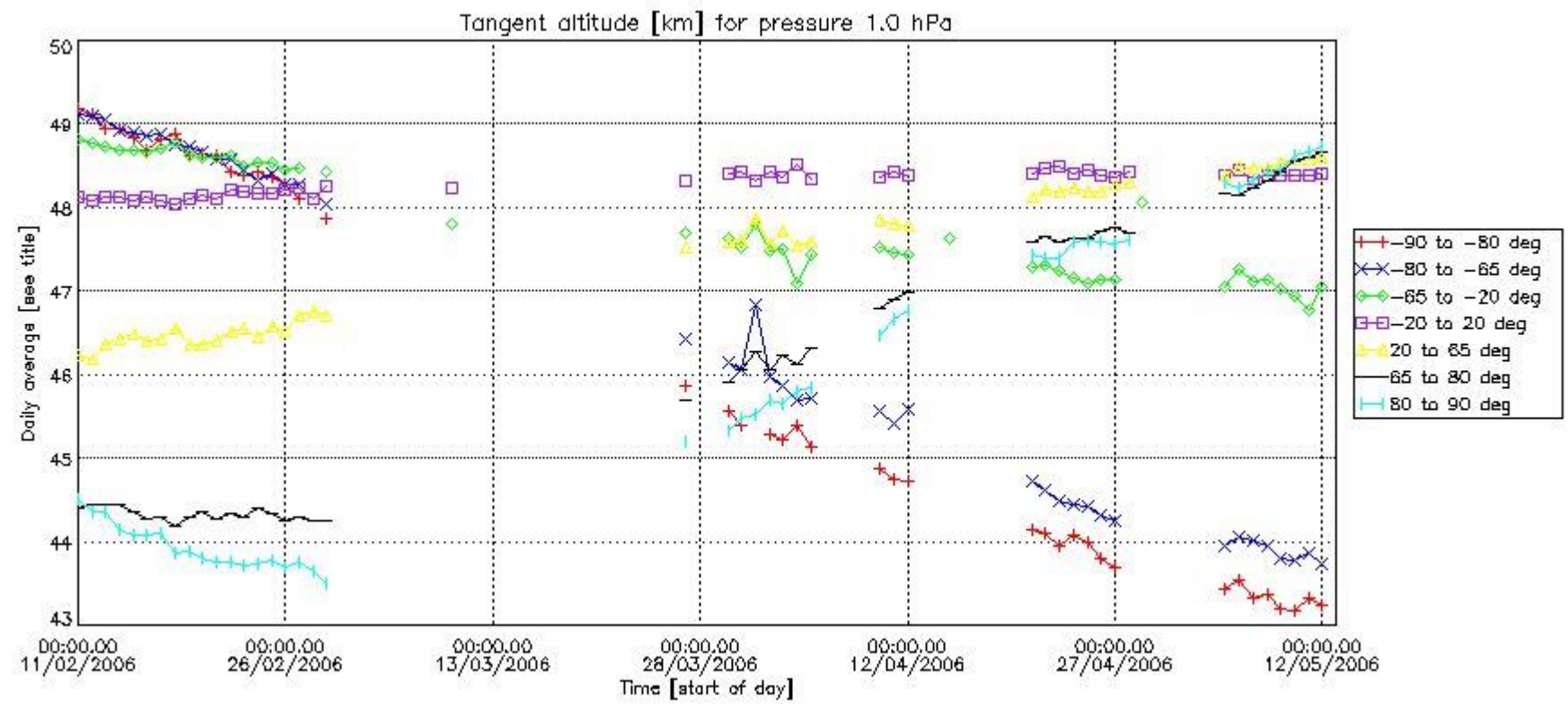


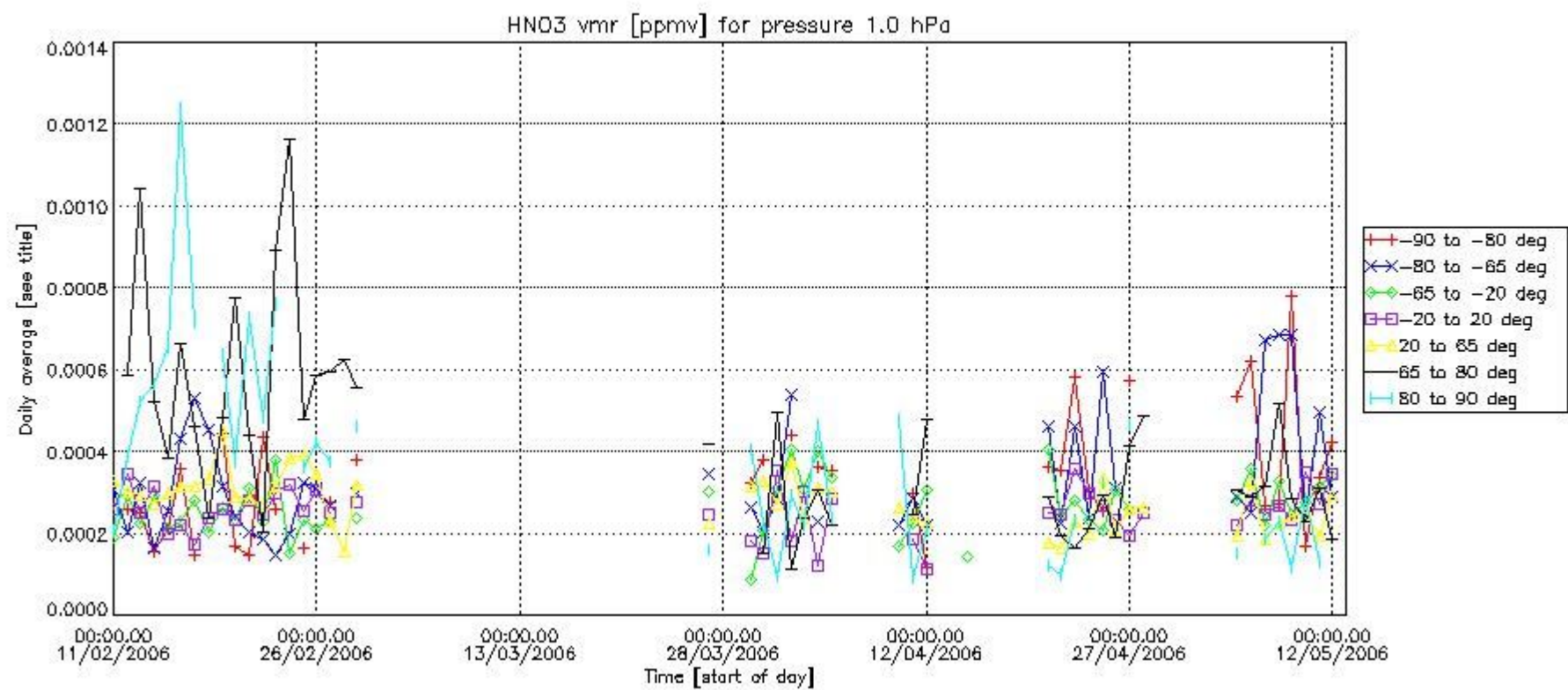
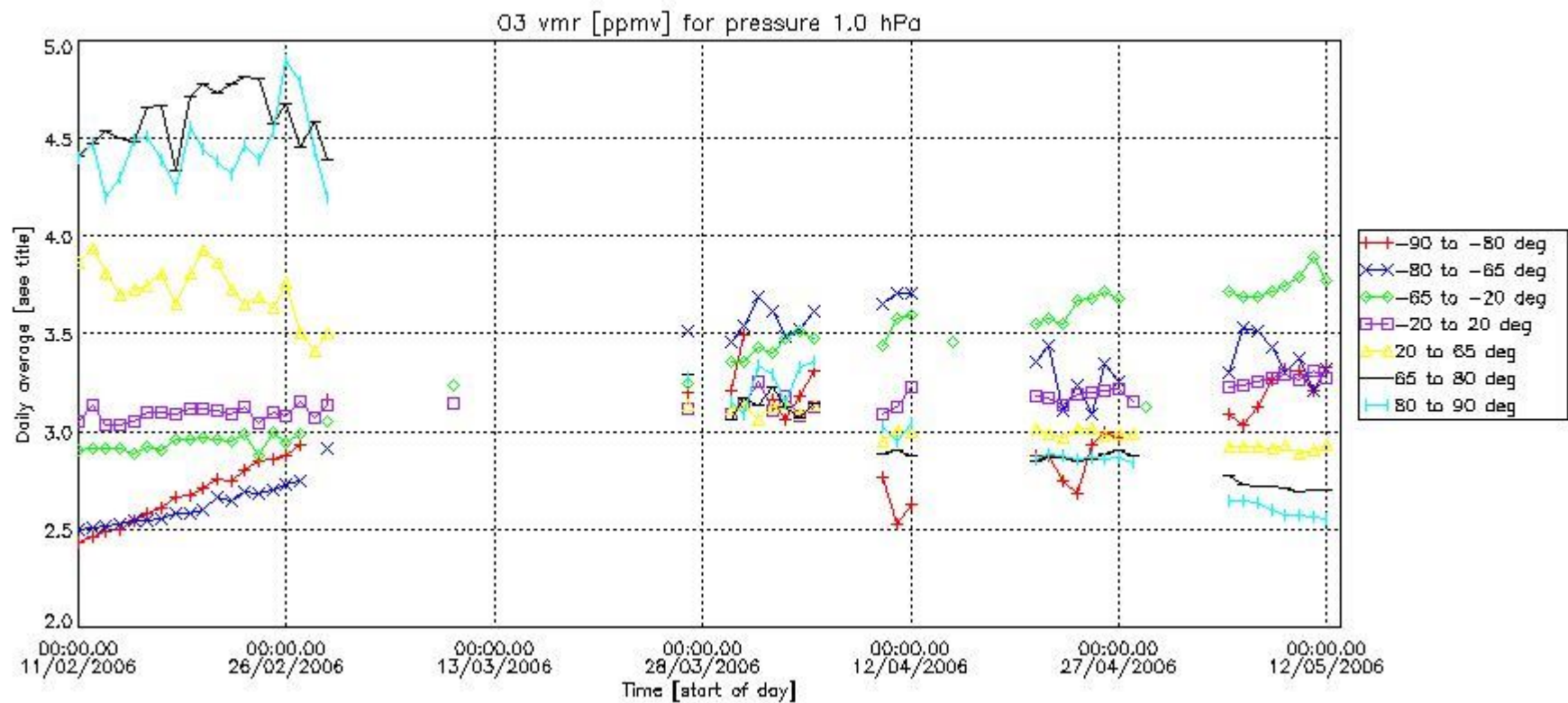


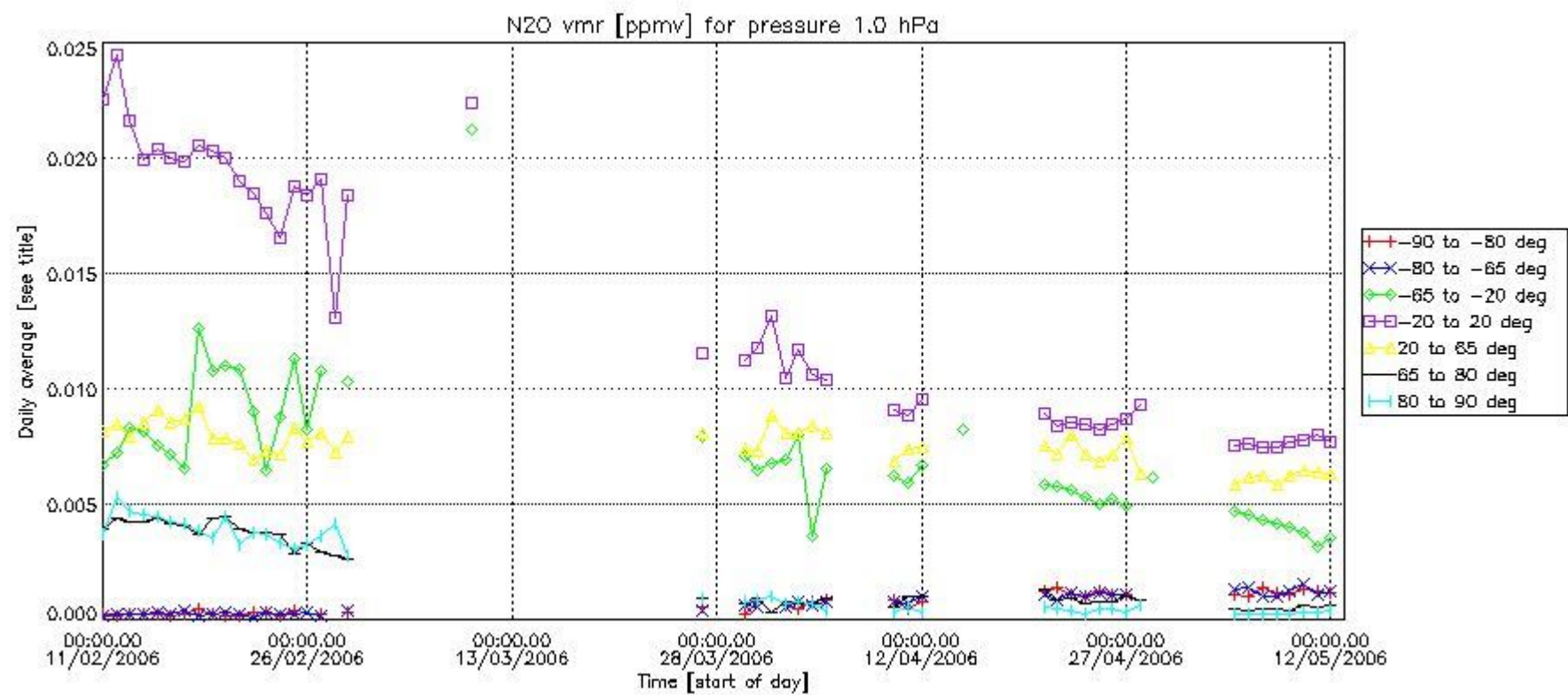
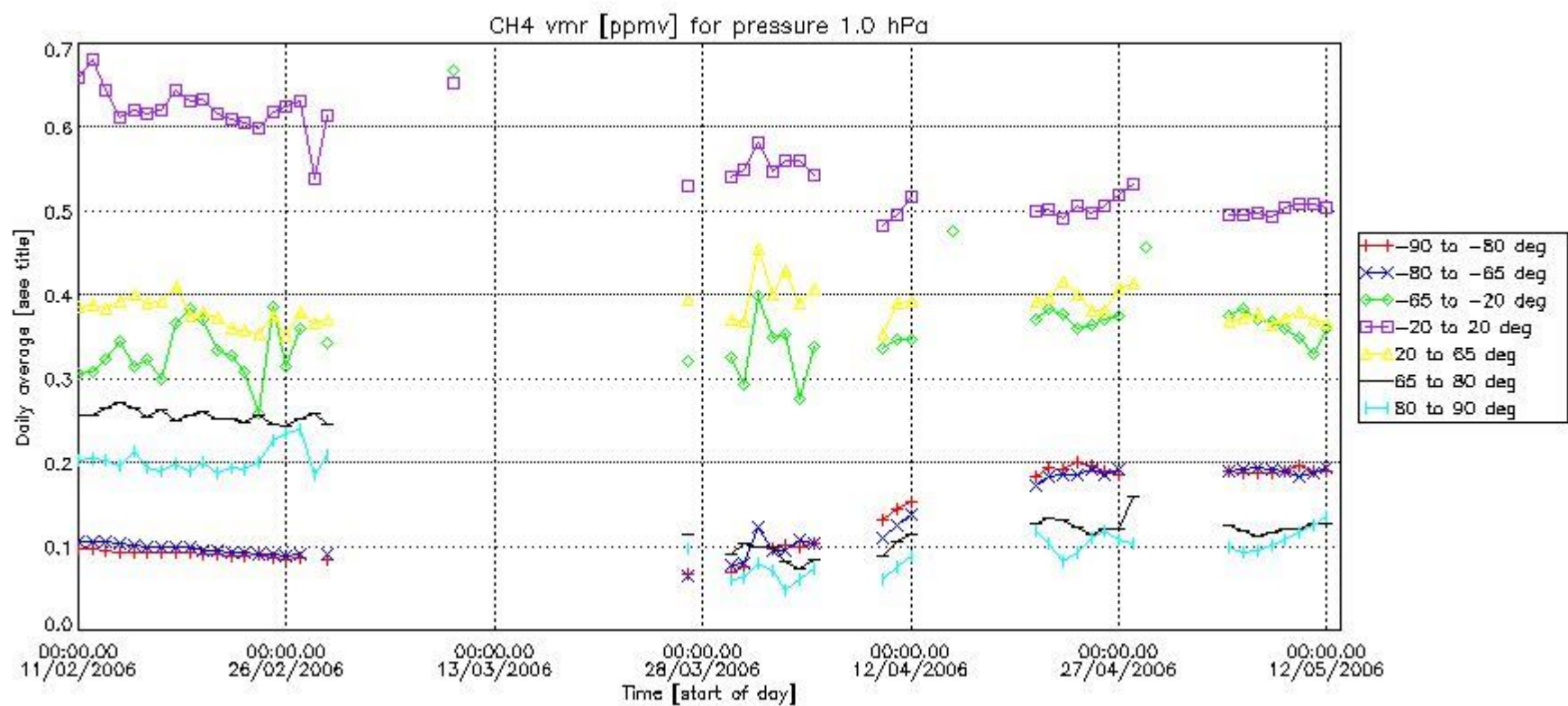


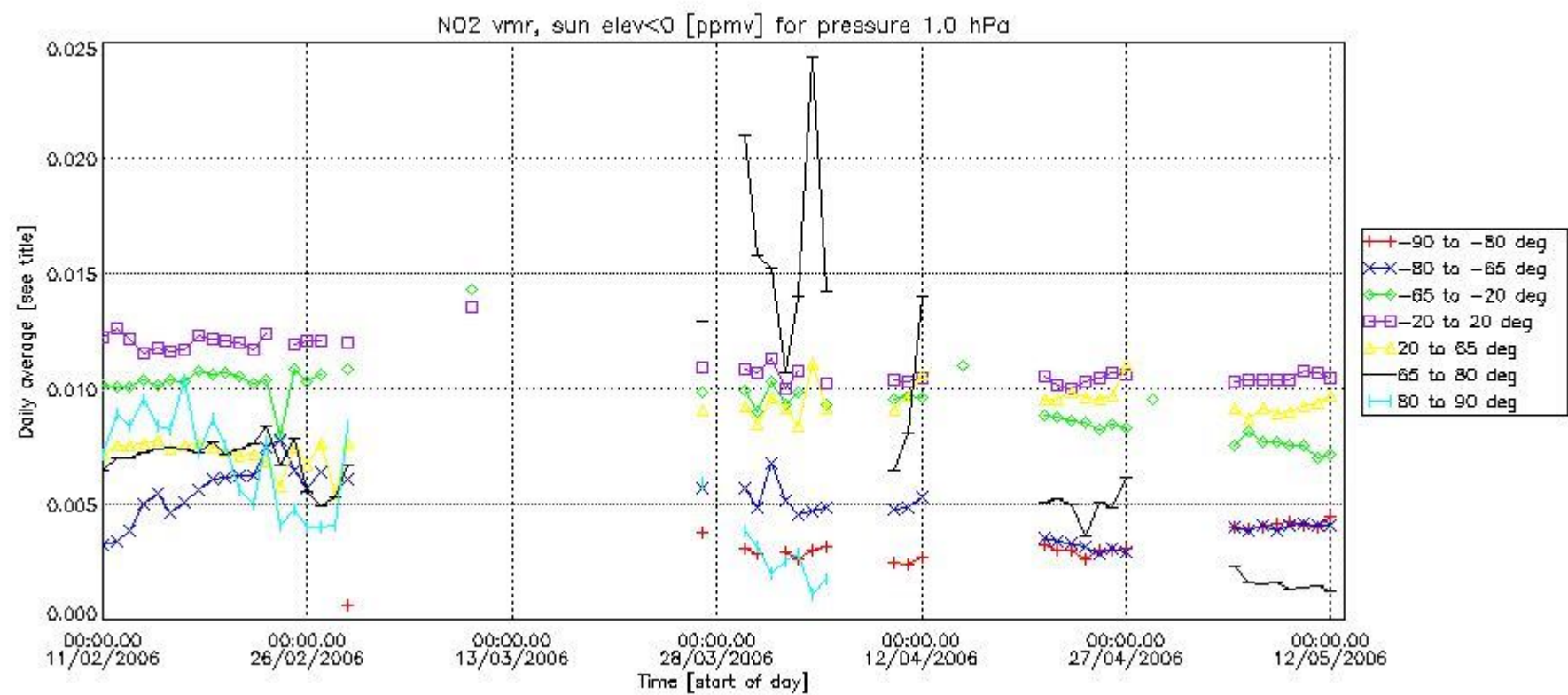
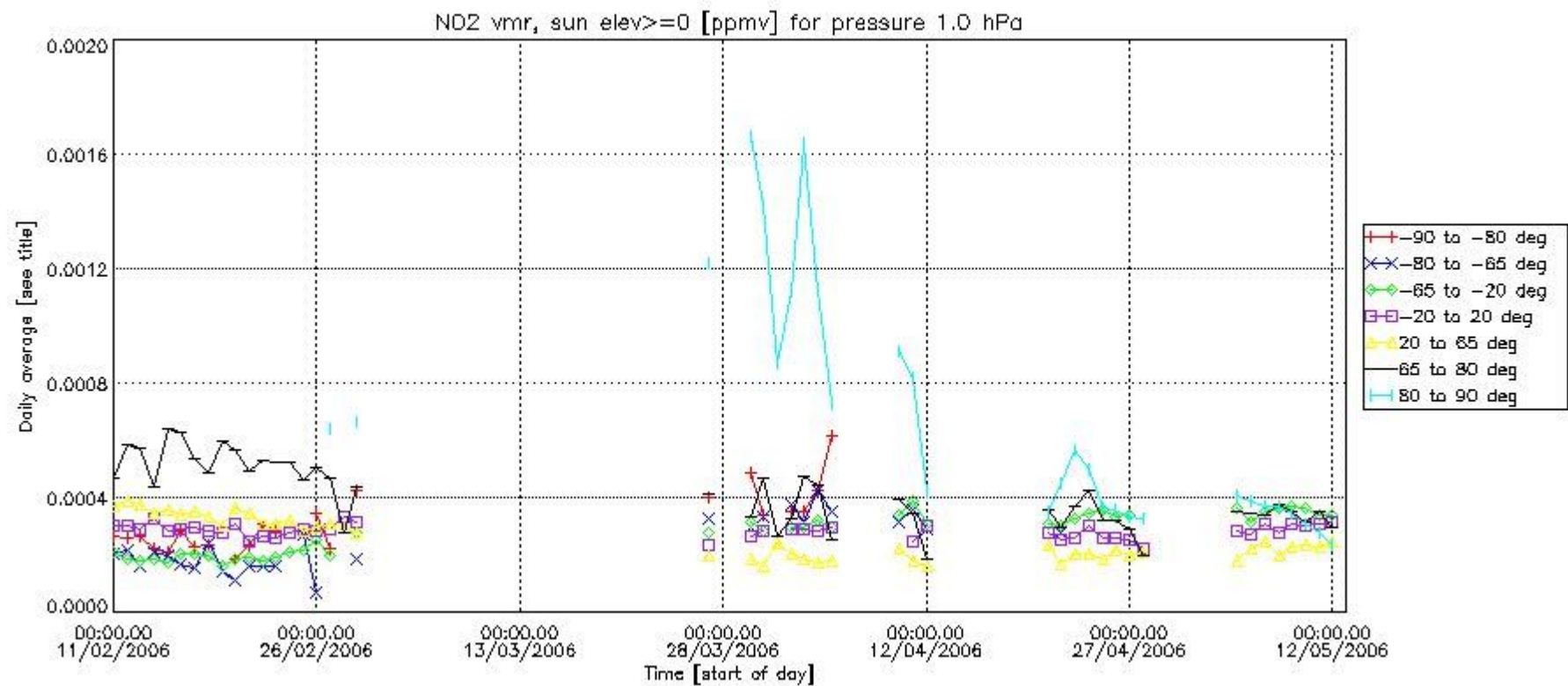




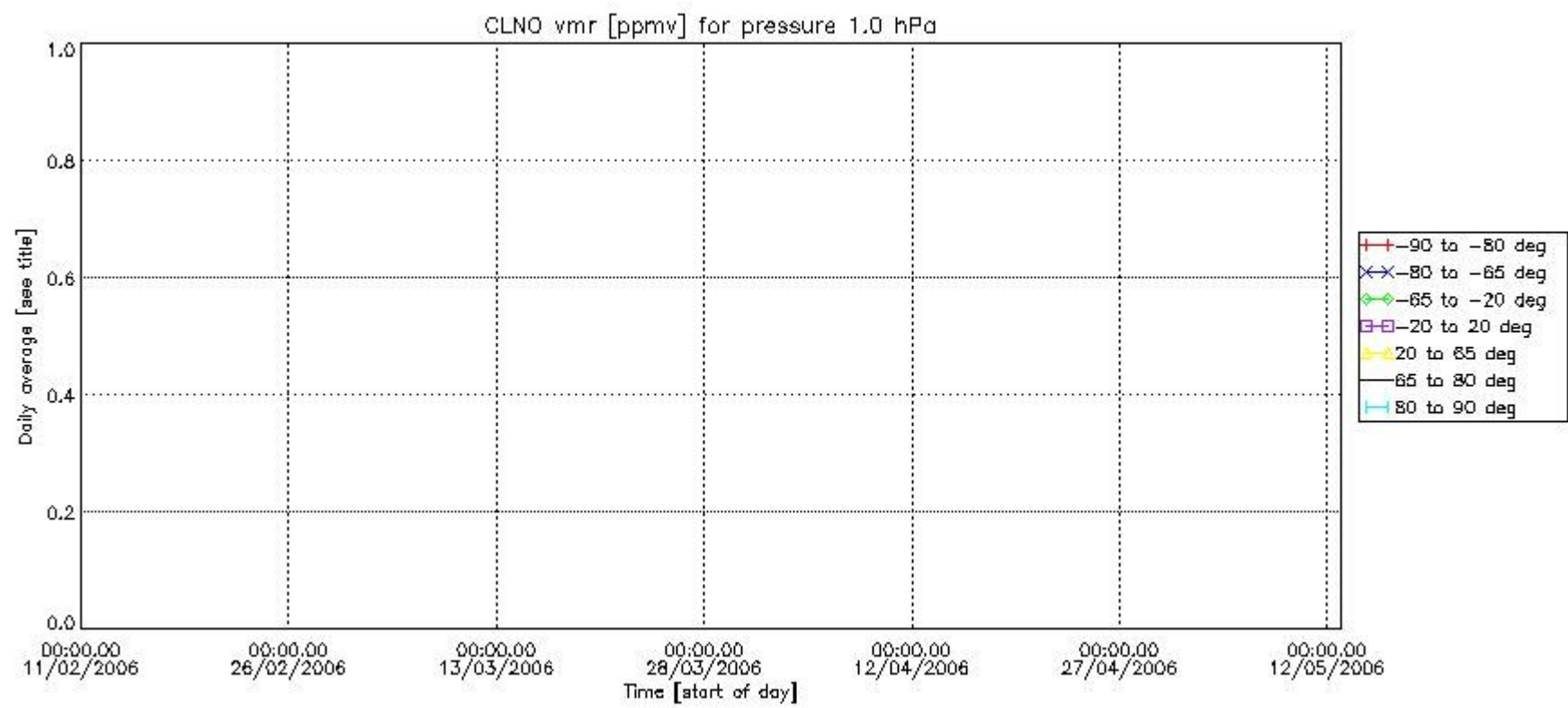
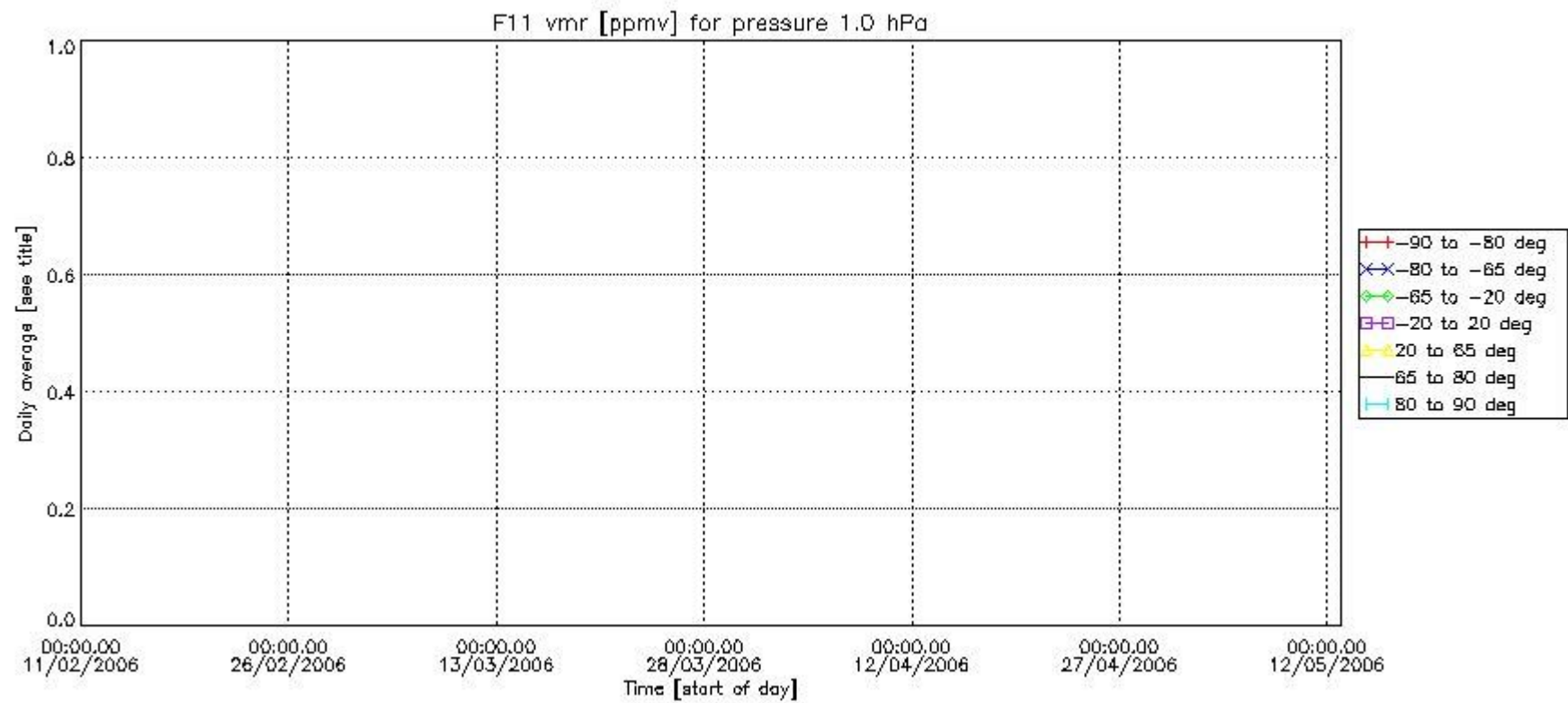


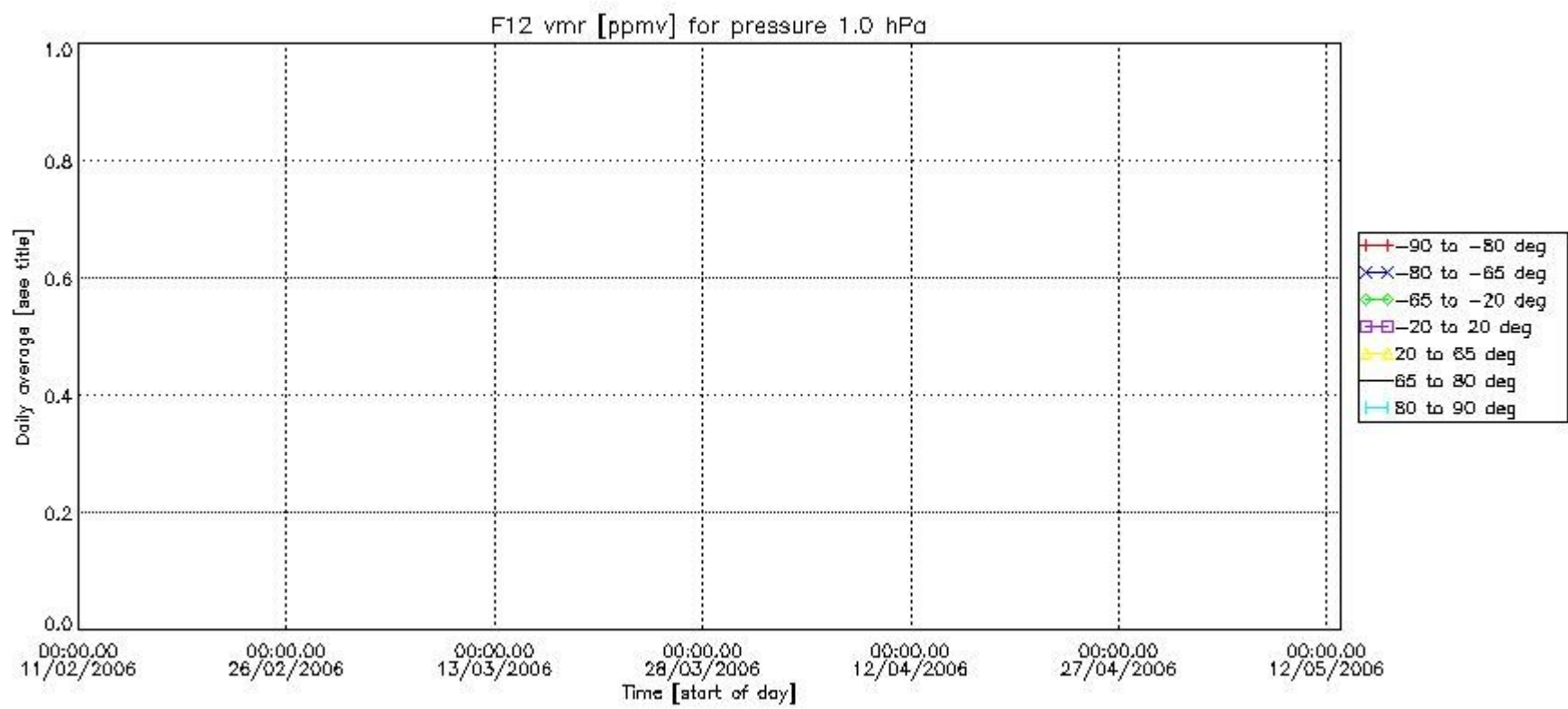
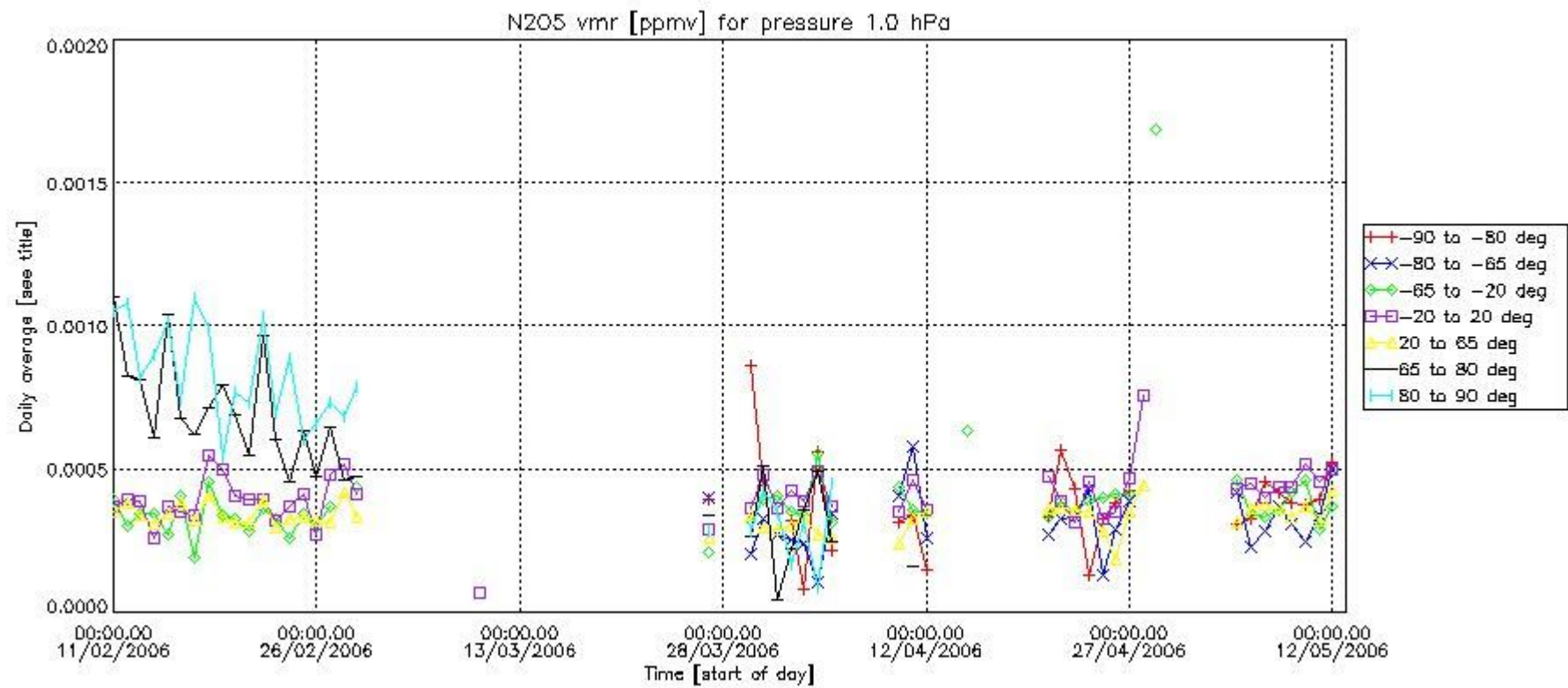


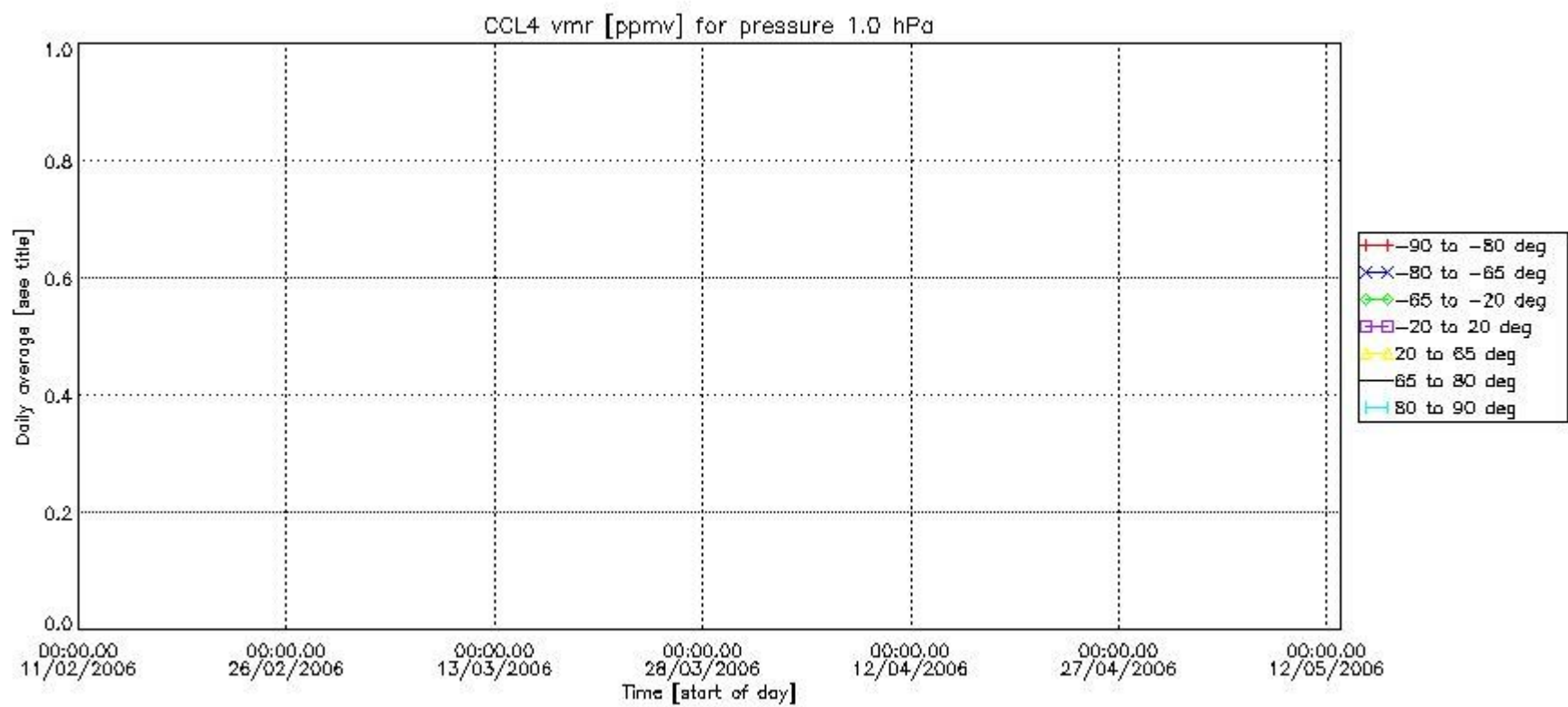
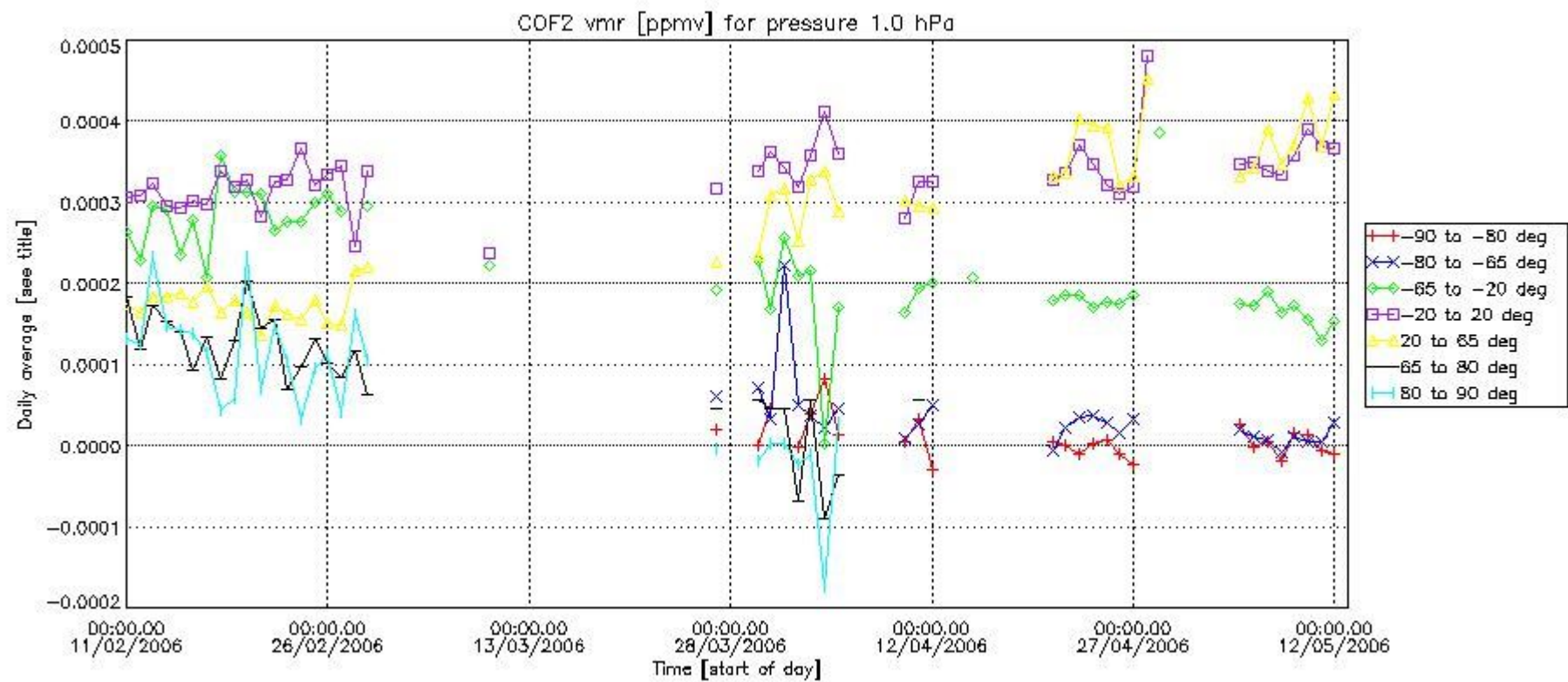


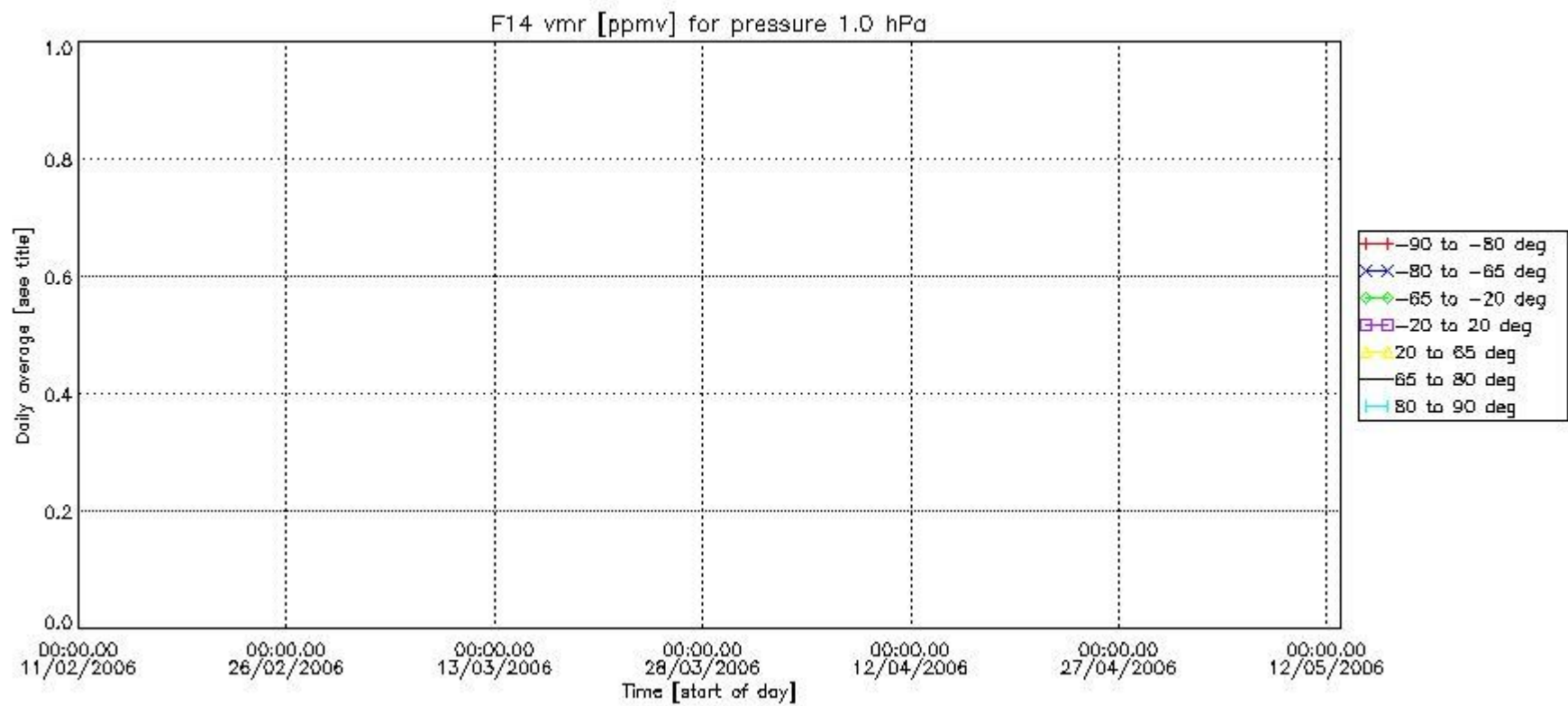
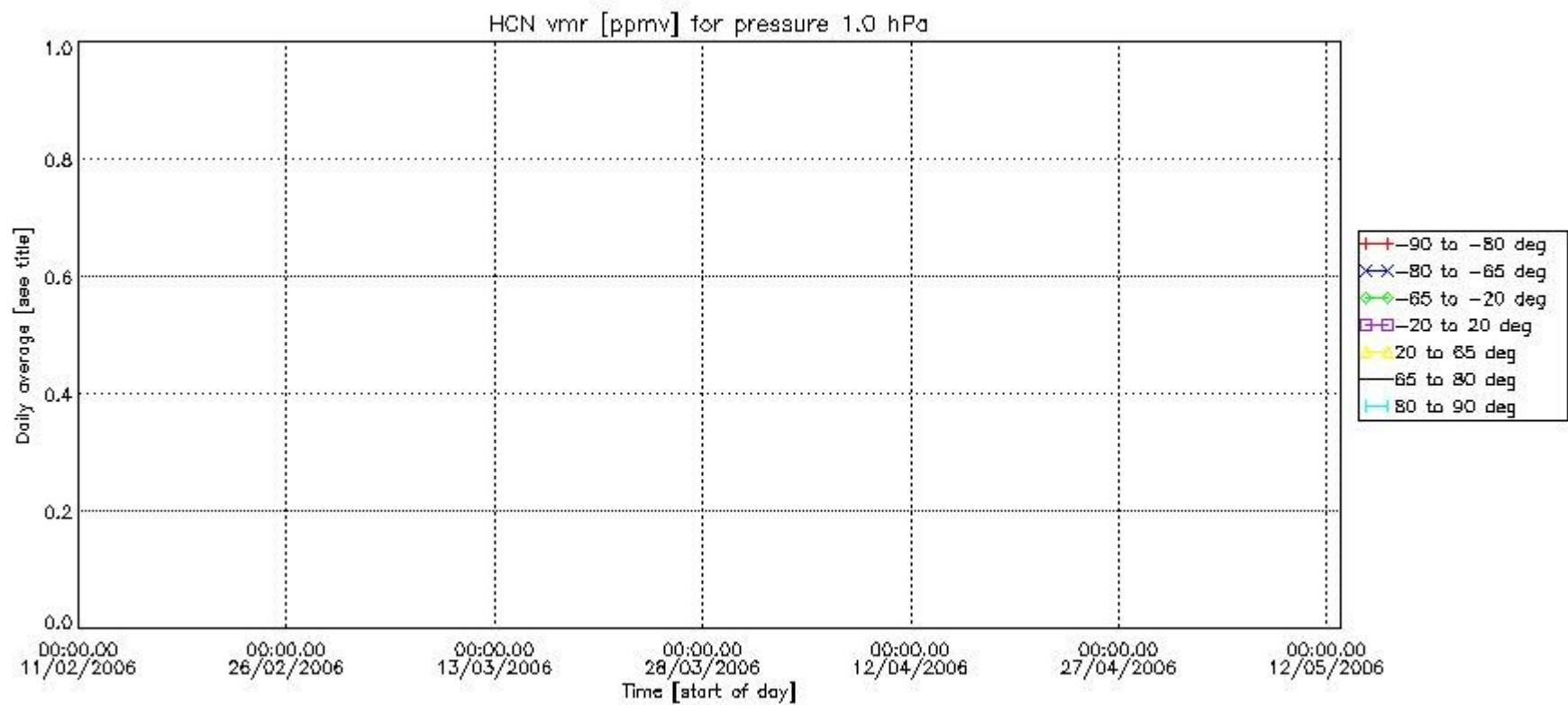


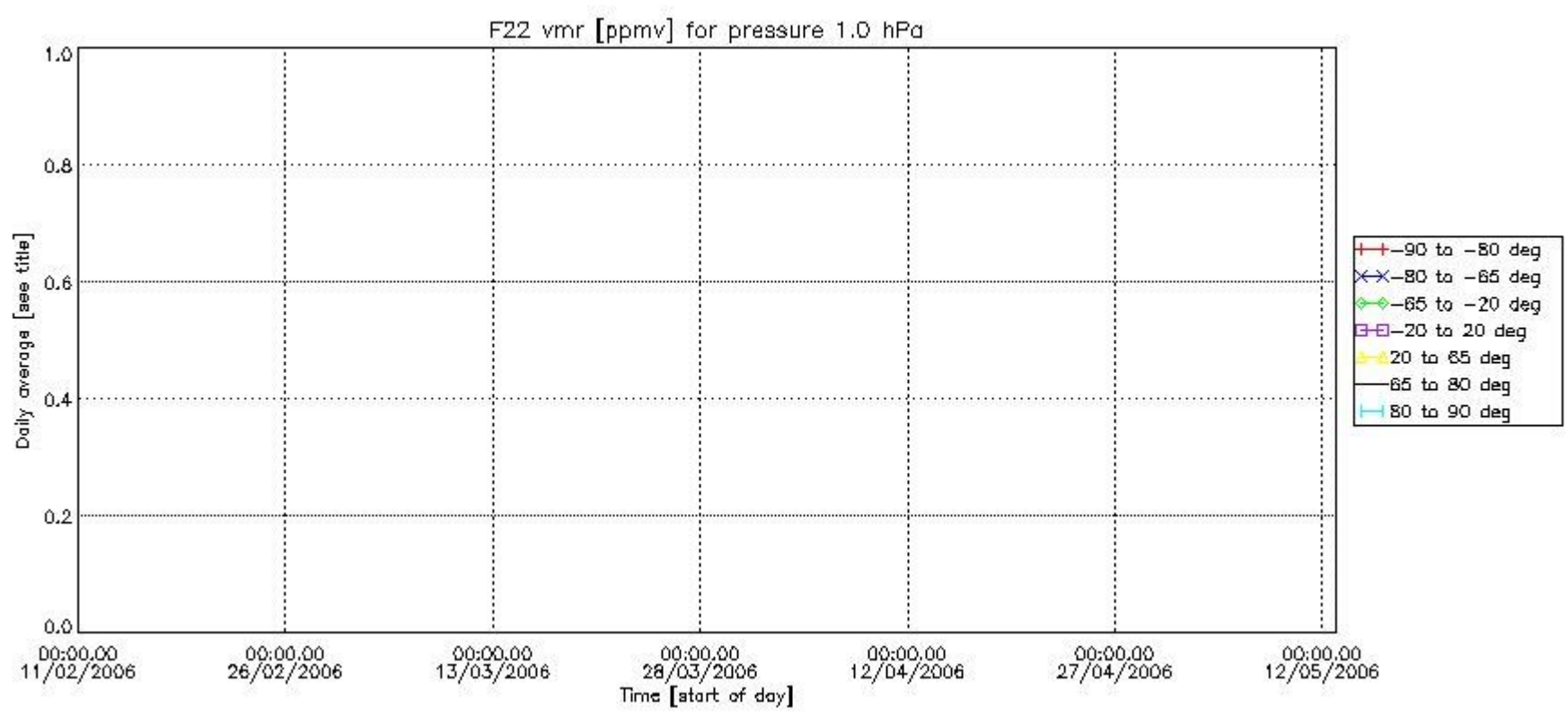












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

