

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060726.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 19:07:06
Data source version	ML2PP/7.03-W
Processing scope for products	26JUL2006 00:00:00 to 27JUL2006 00:00:00
Start time of first product within scope	25JUL2006 23:29:06
Stop time of last product within scope	26JUL2006 22:57:23
Total number of level 2 products	8
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_2PWDSI20060725_232906_000050402049_00417_23016_1000.N1	25JUL2006 23:29:06	26JUL2006 00:53:07	0	111/111	VMR_TERM_MACRO_MICRO[HNO3/macro:1]
1	MIP_NL_2PWDSI20060726_073023_000012532049_00421_23020_1000.N1	26JUL2006 07:30:23	26JUL2006 07:51:16	0	24/24	
2	MIP_NL_2PWDSI20060726_075206_000060302049_00422_23021_1000.N1	26JUL2006 07:52:06	26JUL2006 09:32:36	0	109/109	VMR_TERM_MACRO_MICRO[CH4/macro:1; HCN/macro:1; F22/macro:1]
3	MIP_NL_2PWDSI20060726_093242_000060302049_00423_23022_1000.N1	26JUL2006 09:32:42	26JUL2006 11:13:12	0	128/128	
4	MIP_NL_2PWDSI20060726_111318_000050402049_00424_23023_1000.N1	26JUL2006 11:13:18	26JUL2006 12:37:18	0	111/111	VMR_TERM_MACRO_MICRO[HCN/micro:1]
5	MIP_NL_2PWDSI20060726_191434_000012542049_00428_23027_1000.N1	26JUL2006 19:14:34	26JUL2006 19:35:27	0	24/24	
6	MIP_NL_2PWDSI20060726_193618_000060302049_00429_23028_1000.N1	26JUL2006 19:36:18	26JUL2006 21:16:47	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1]
7	MIP_NL_2PWDSI20060726_211654_000060302049_00430_23029_1000.N1	26JUL2006 21:16:54	26JUL2006 22:57:23	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1]

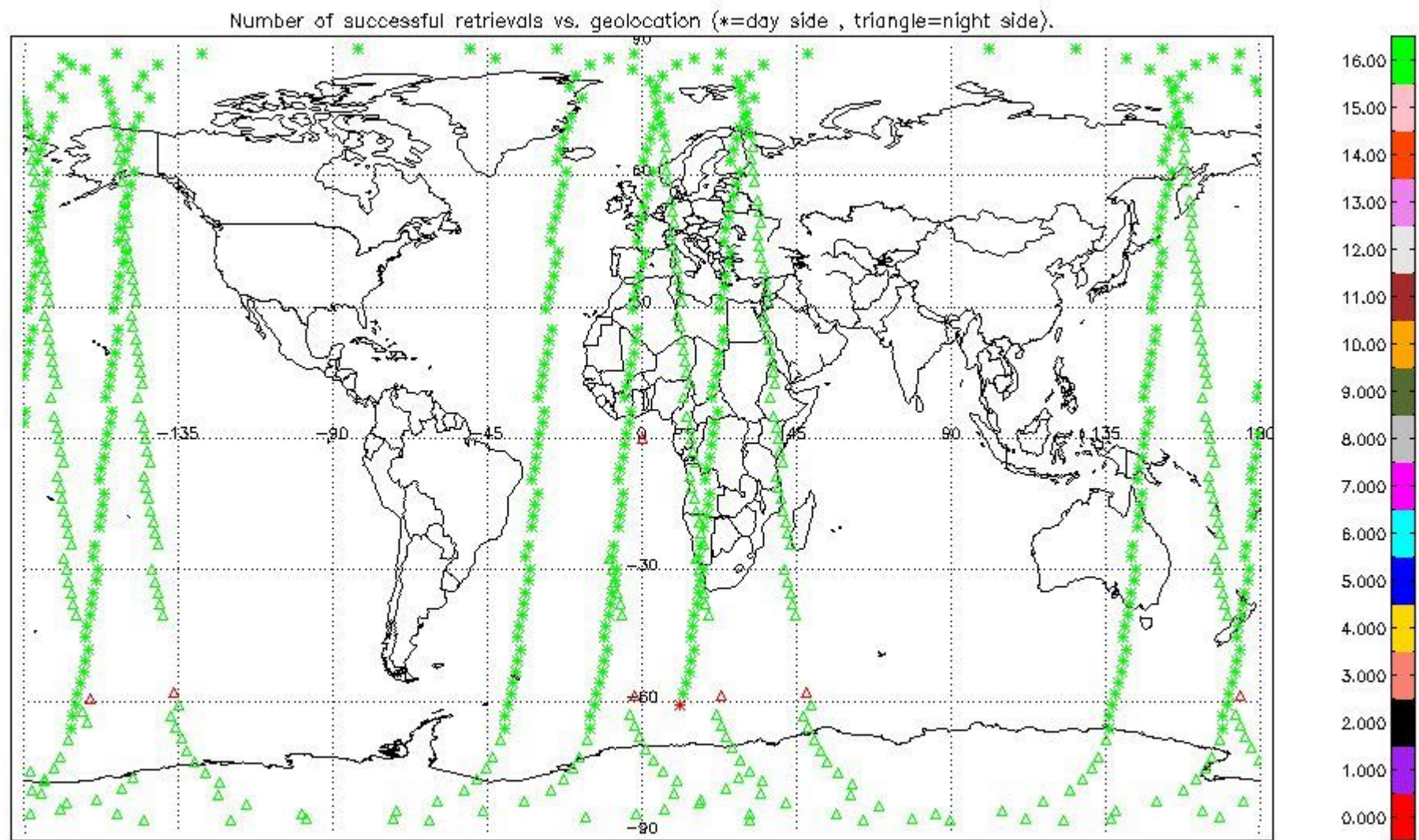
## 2.2 Processing performance indicators

### 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.

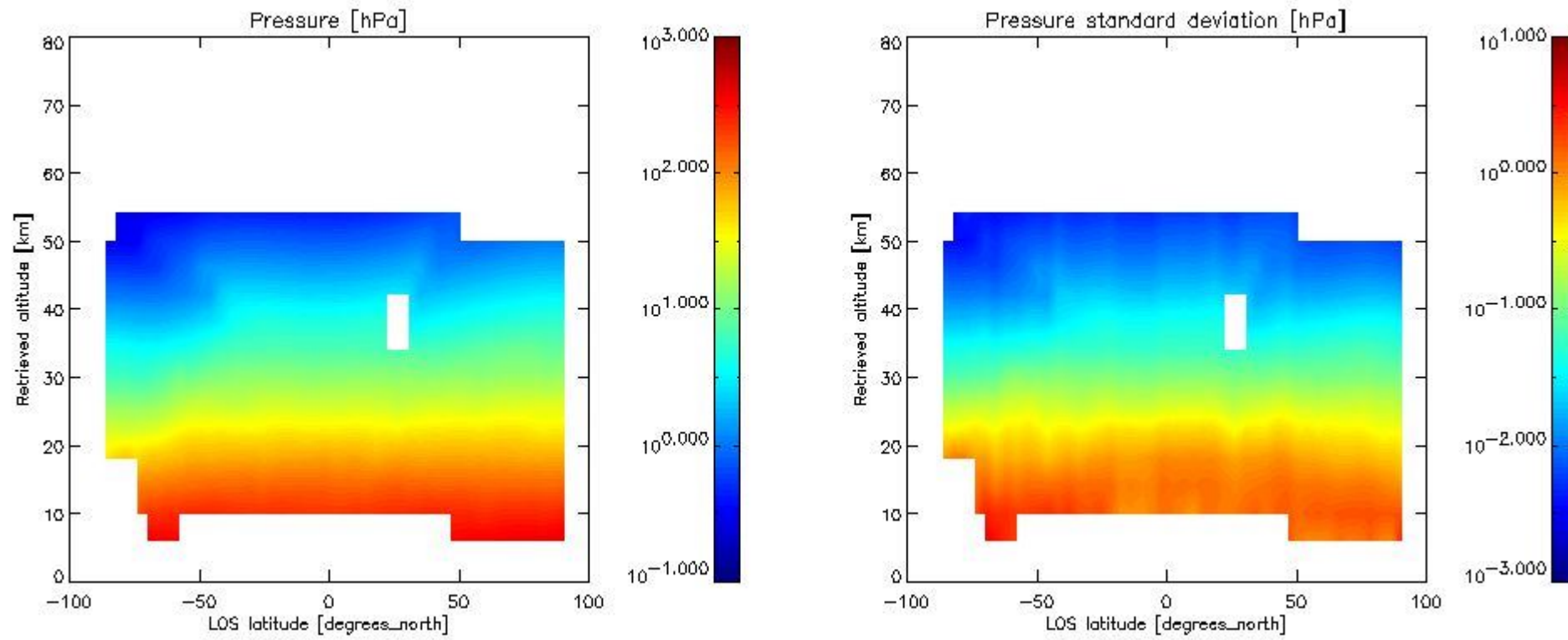
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	763	709	92.923
H2O	763	709	92.923

O3	763	709	92.923
HNO3	763	709	92.923
CH4	763	709	92.923
N2O	763	709	92.923
NO2	763	709	92.923
F11	763	709	92.923
CLNO	763	709	92.923
N2O5	763	709	92.923
F12	763	709	92.923
COF2	763	709	92.923
CCL4	763	709	92.923
HCN	763	709	92.923
F14	763	709	92.923
F22	763	709	92.923



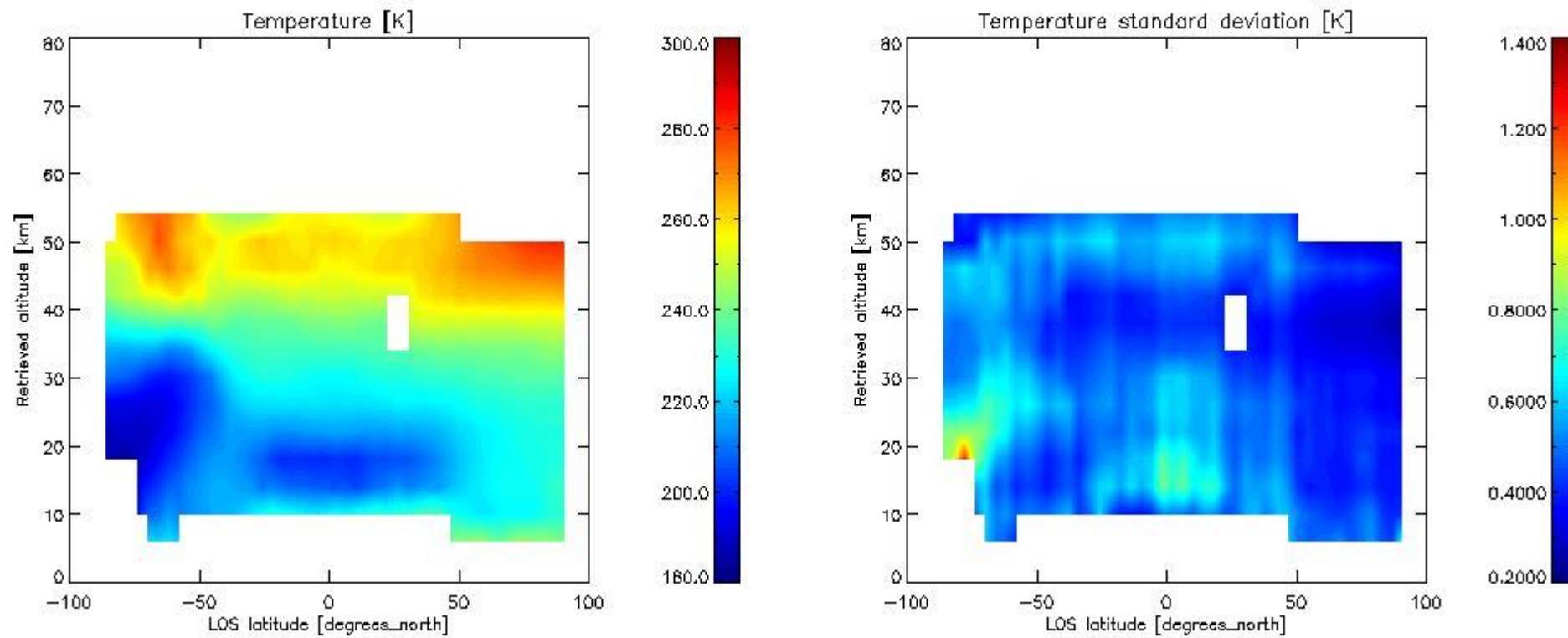
## 2.2.2 Pressure overview

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



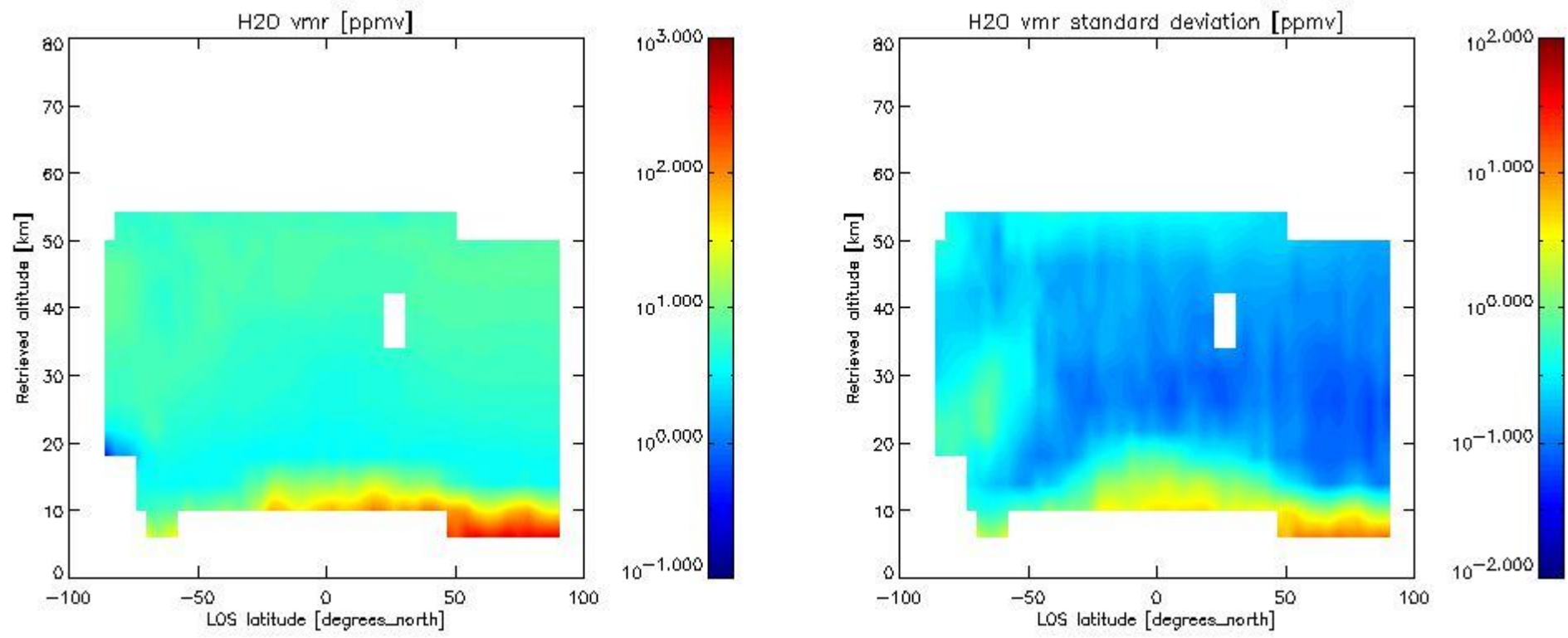
### 2.2.3 Temperature overview

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

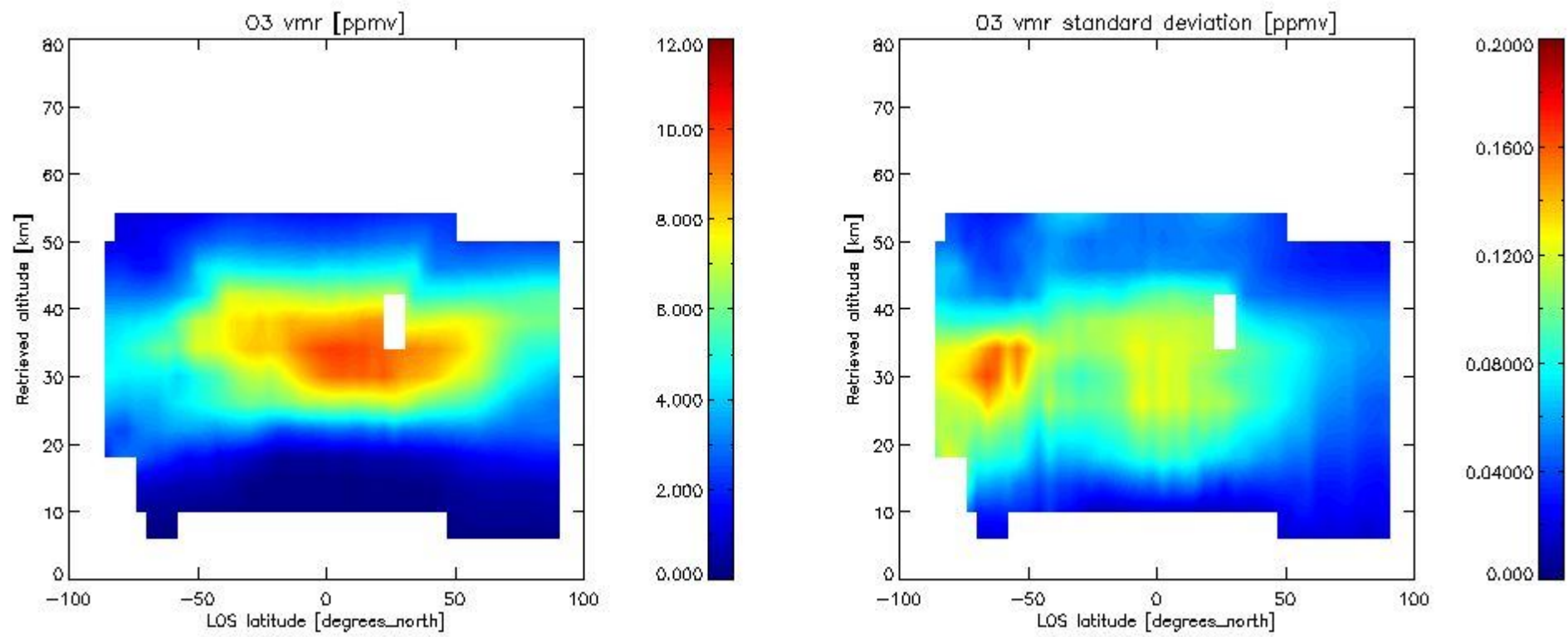


### 2.2.4 Species overview

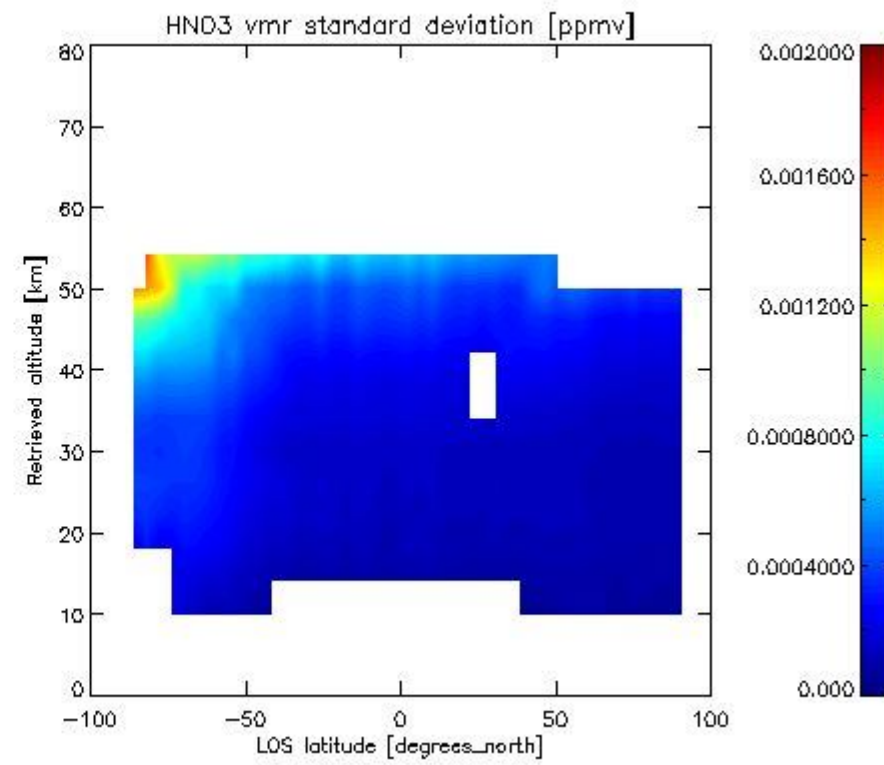
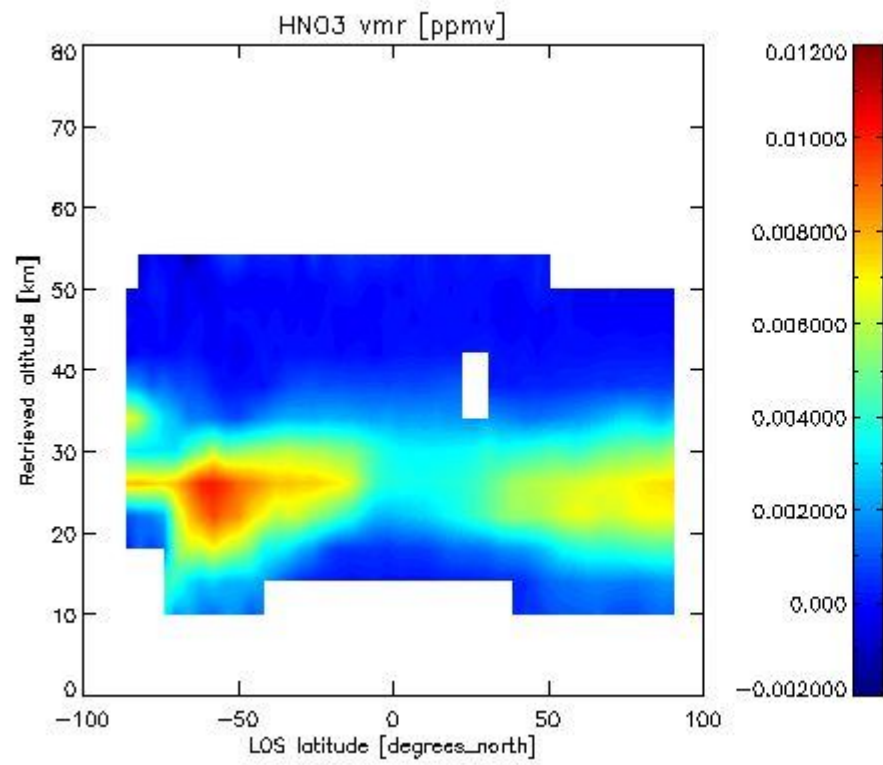
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



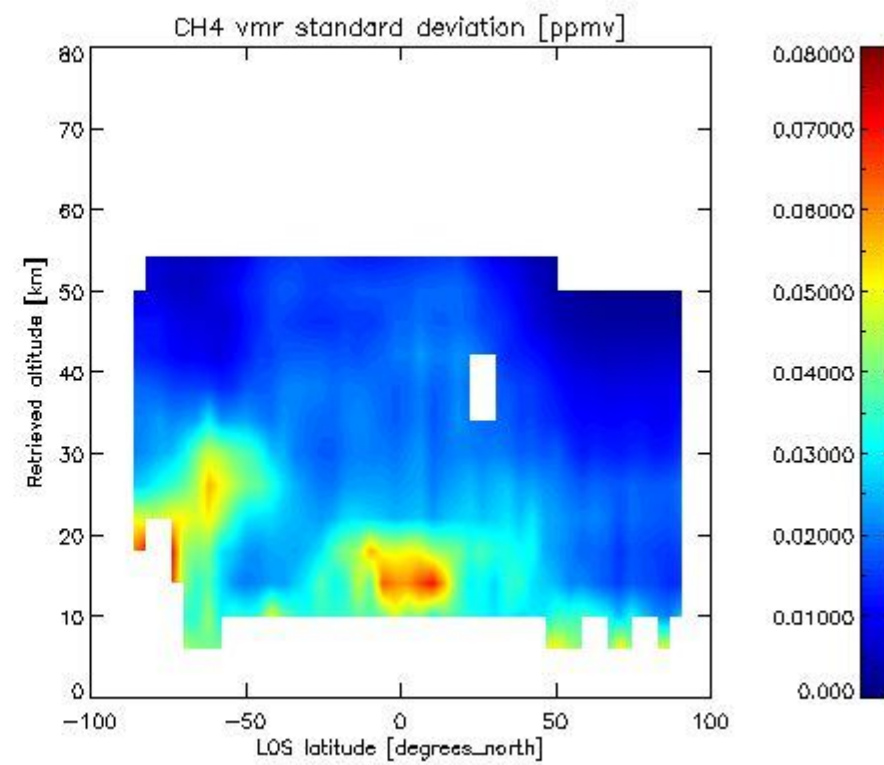
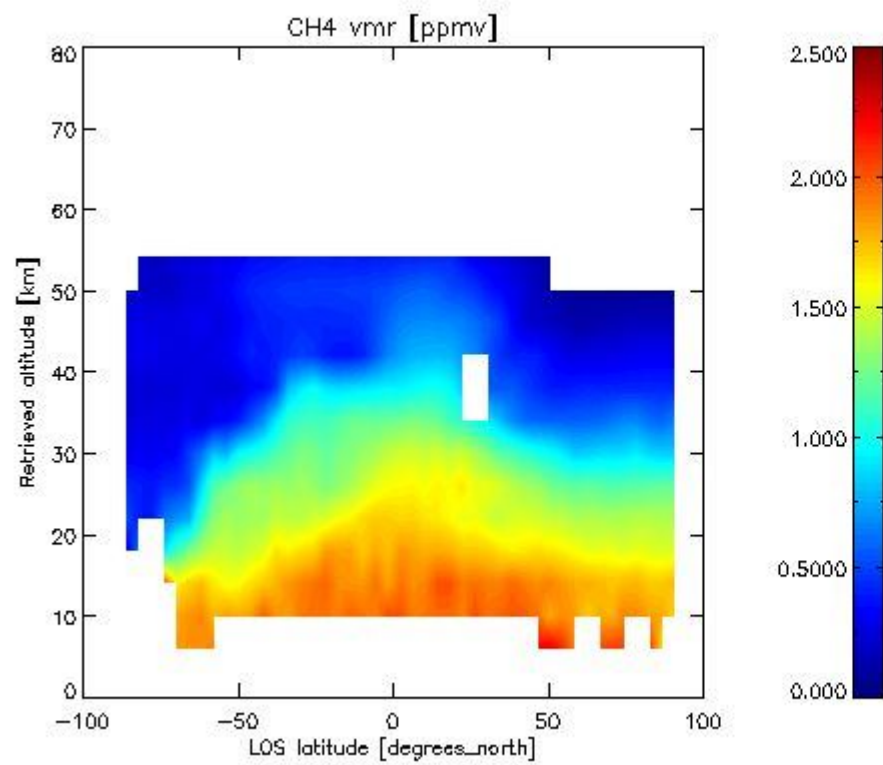
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



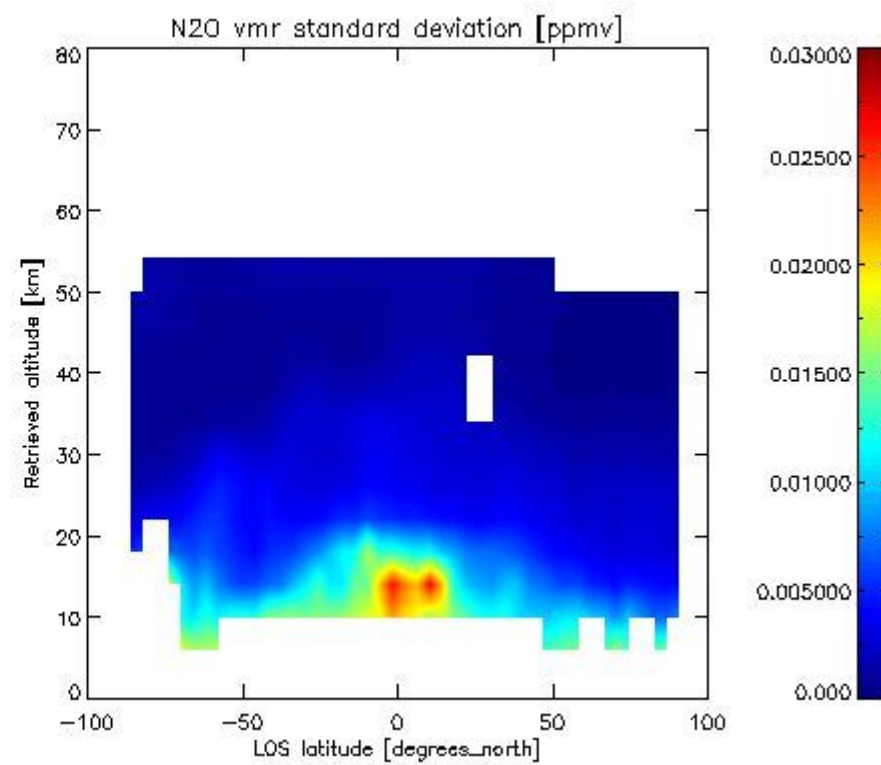
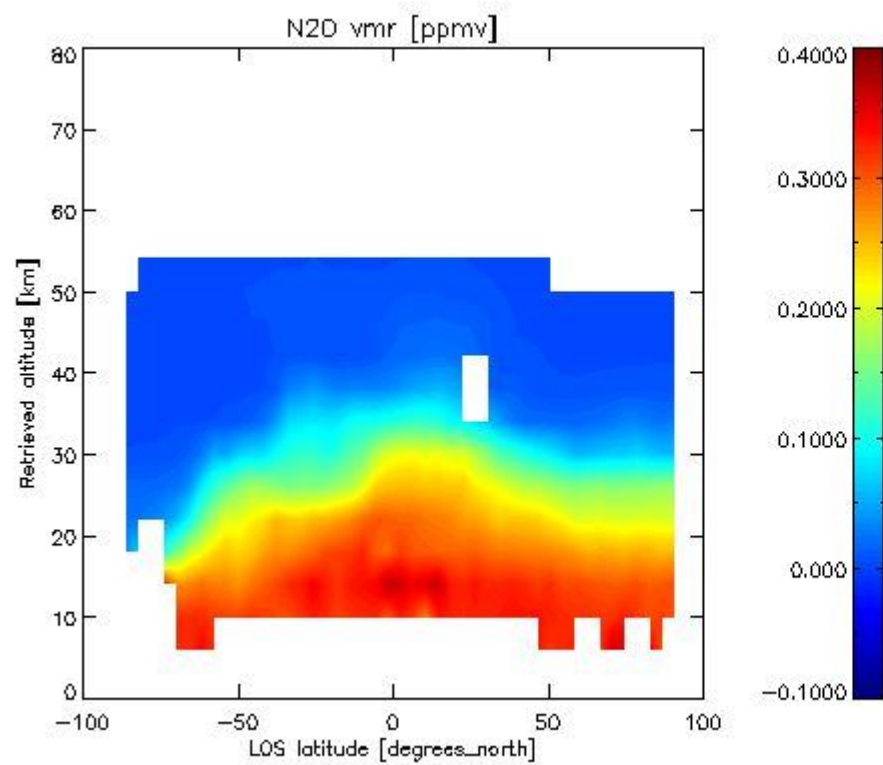
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



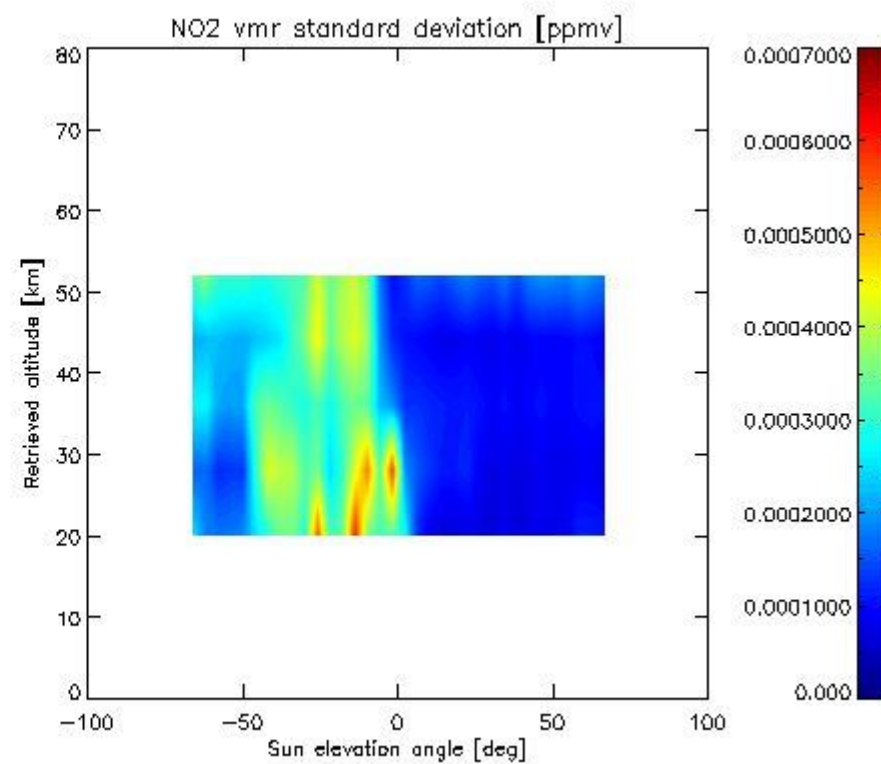
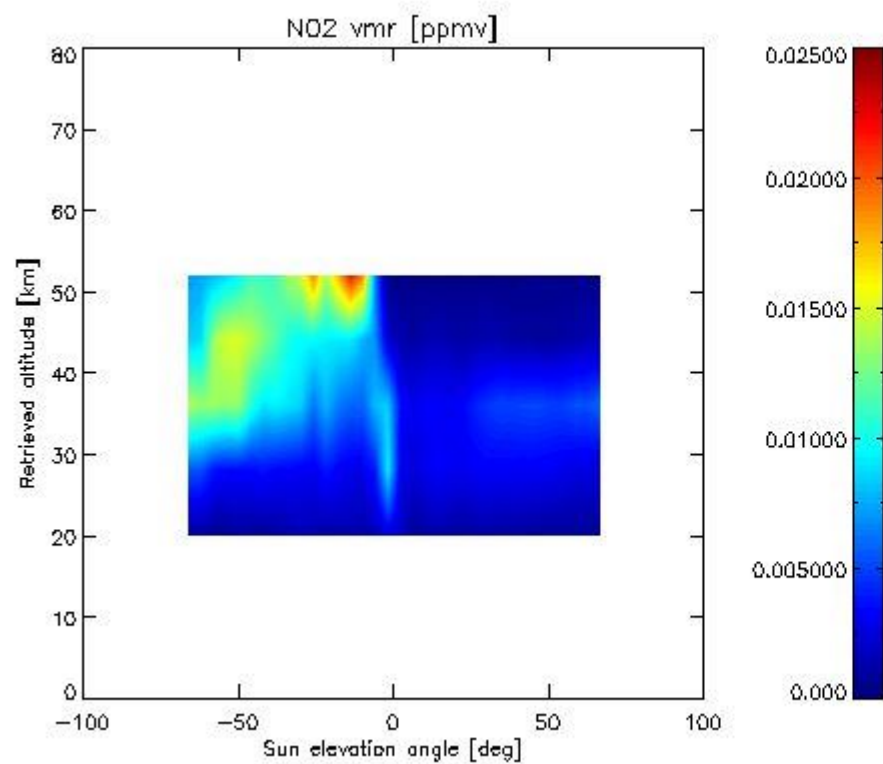
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



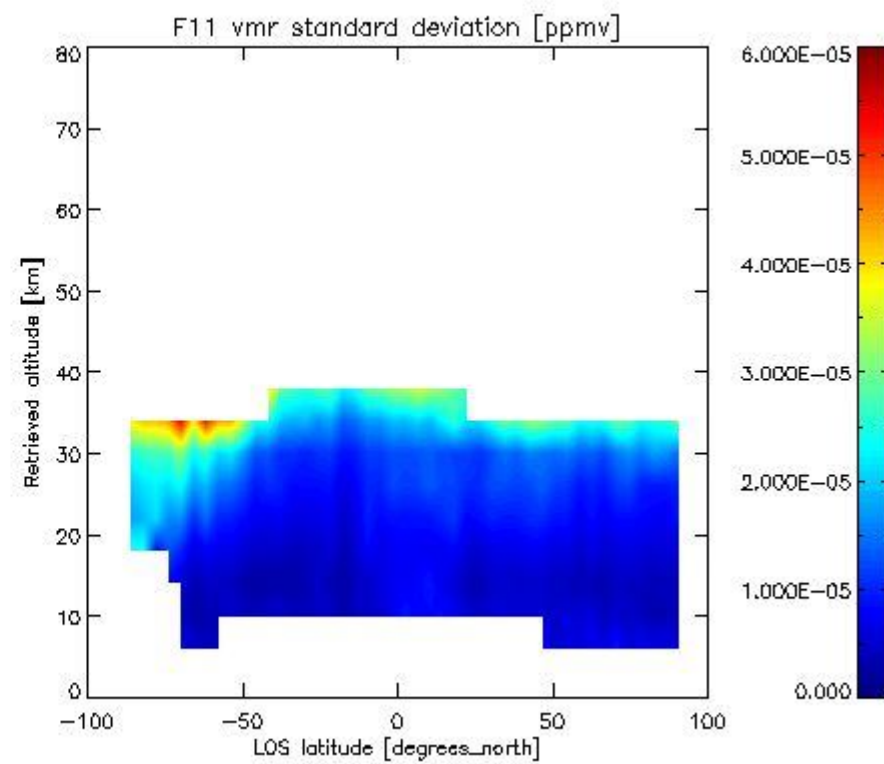
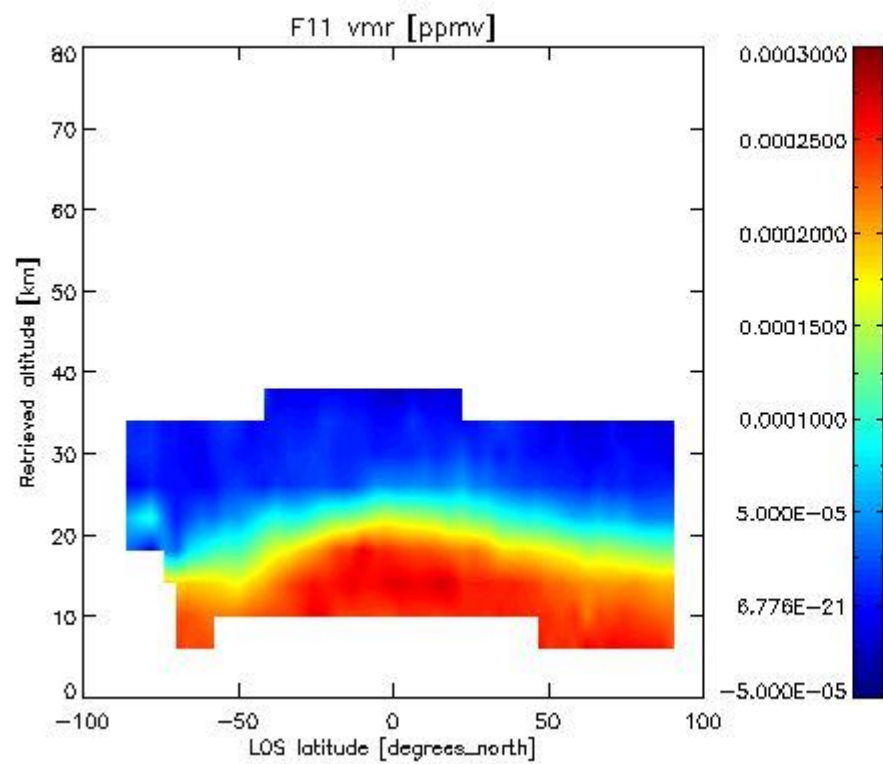
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



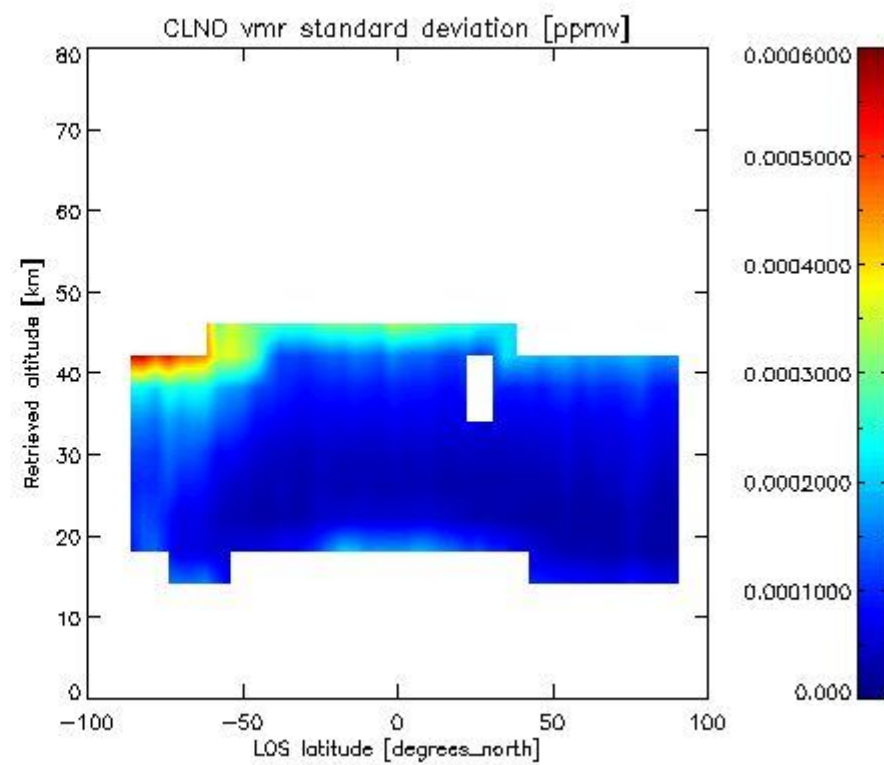
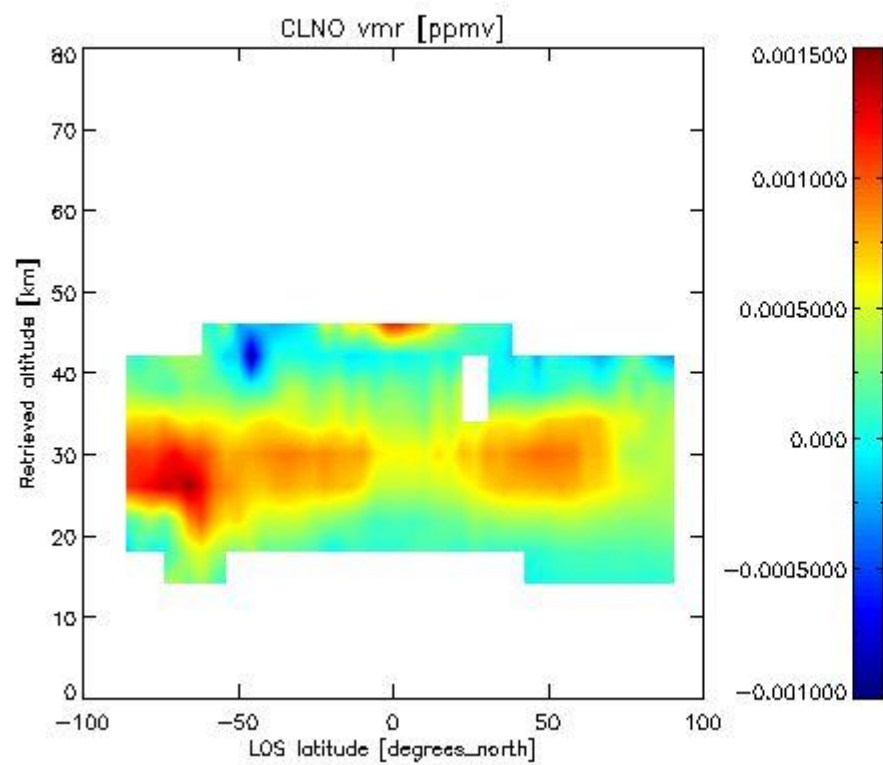
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.

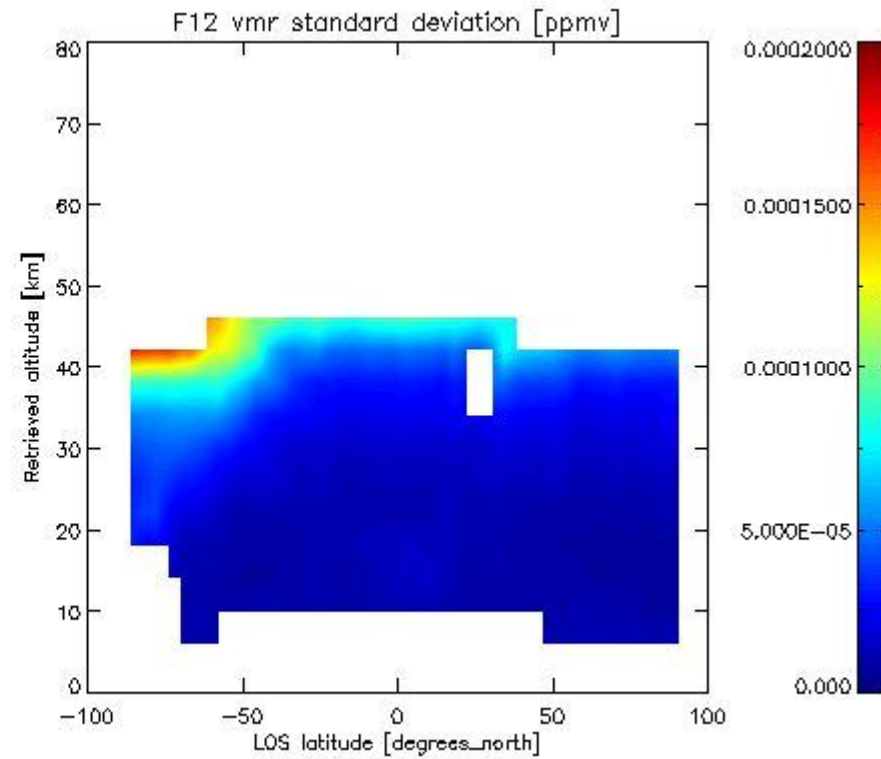
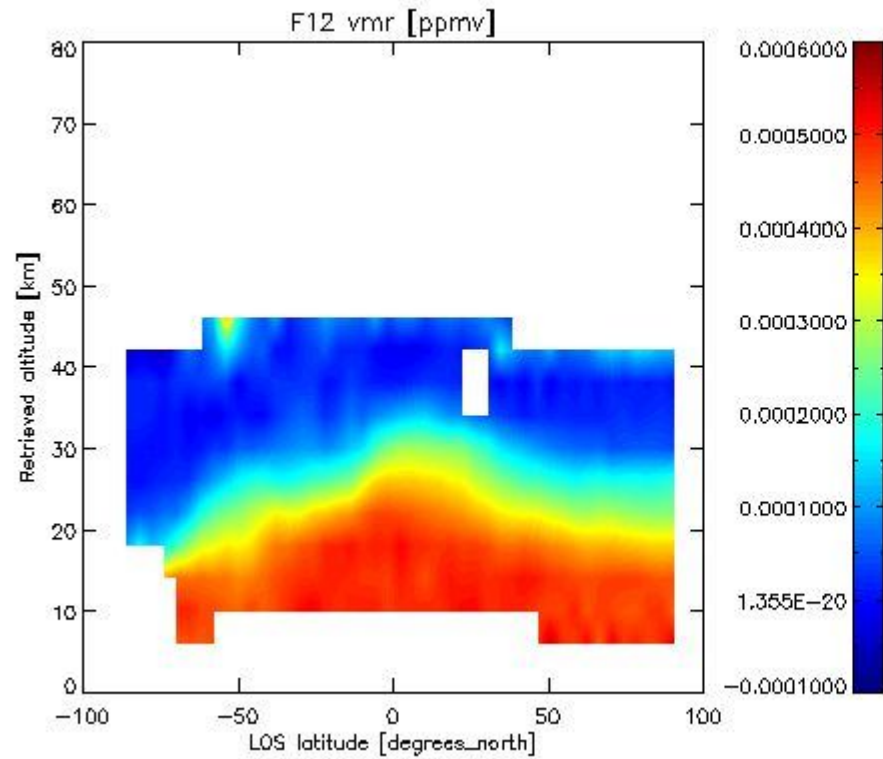
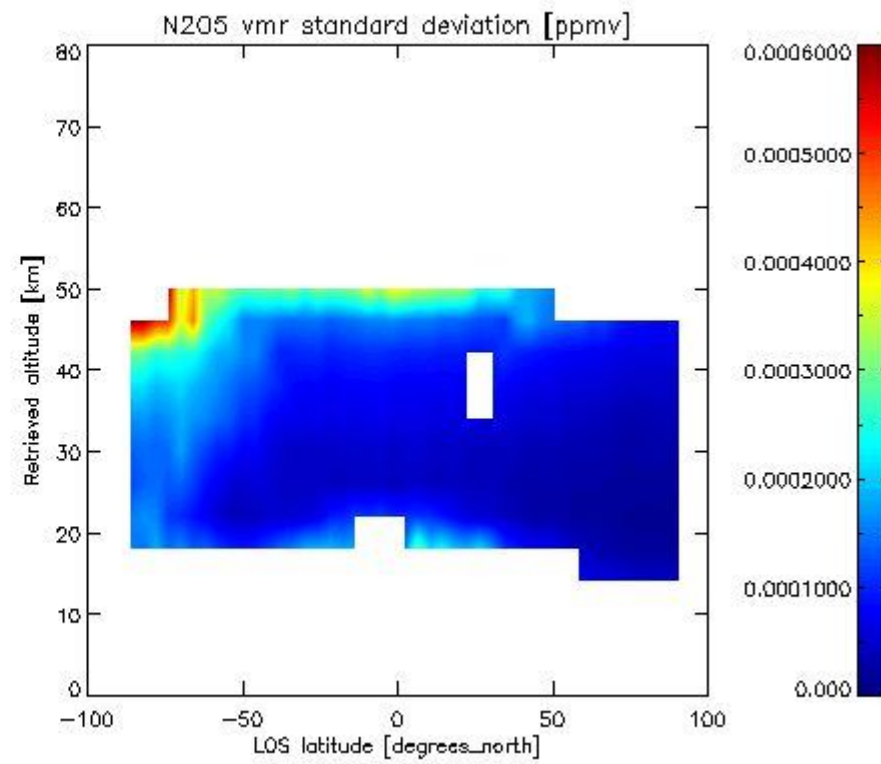
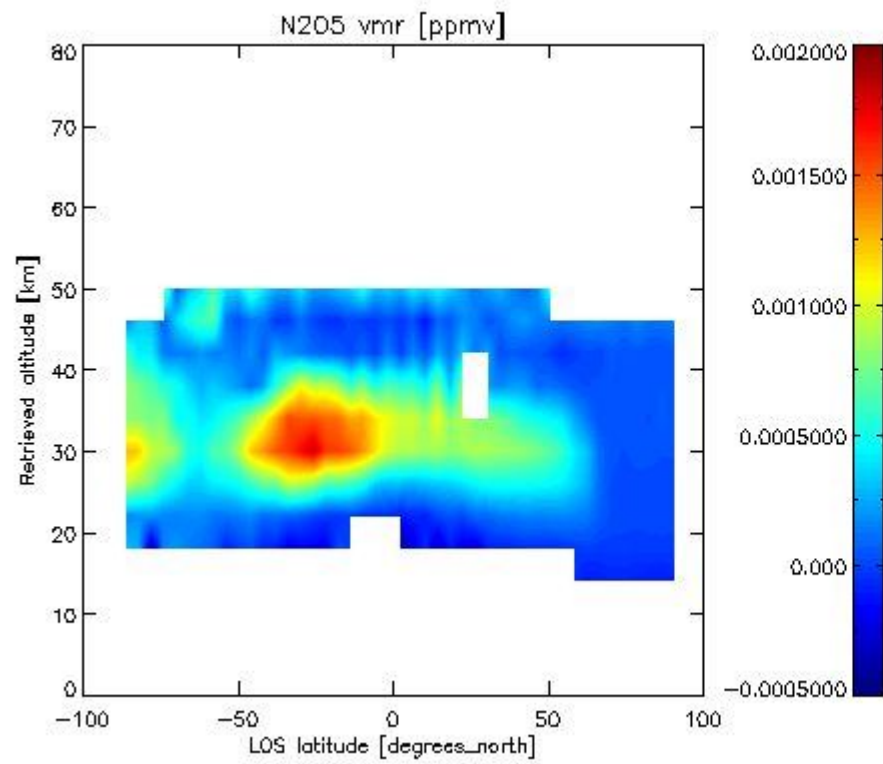


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

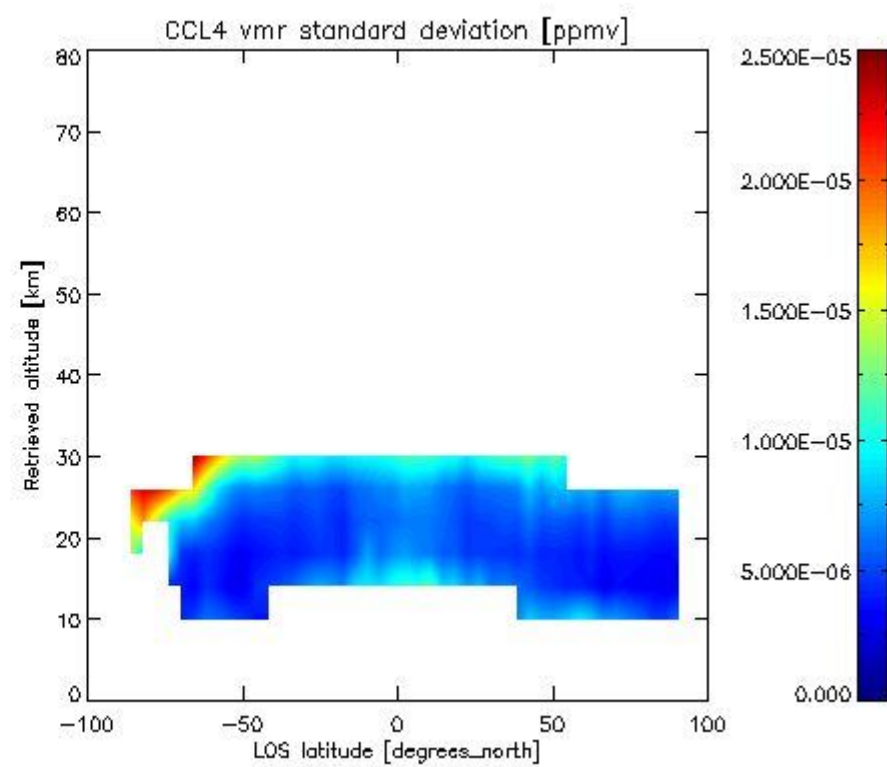
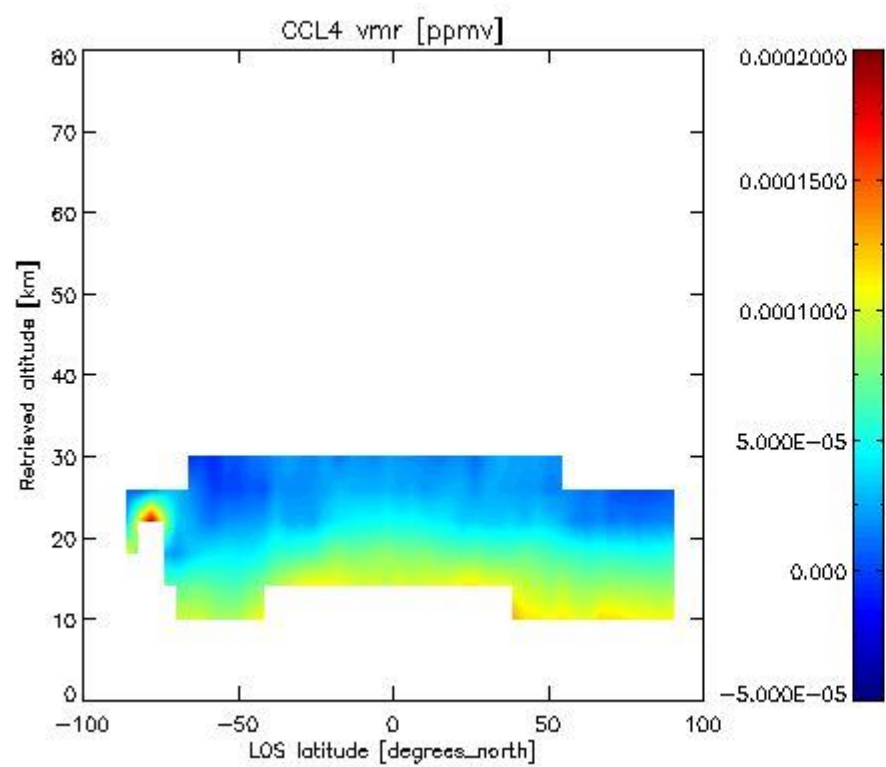
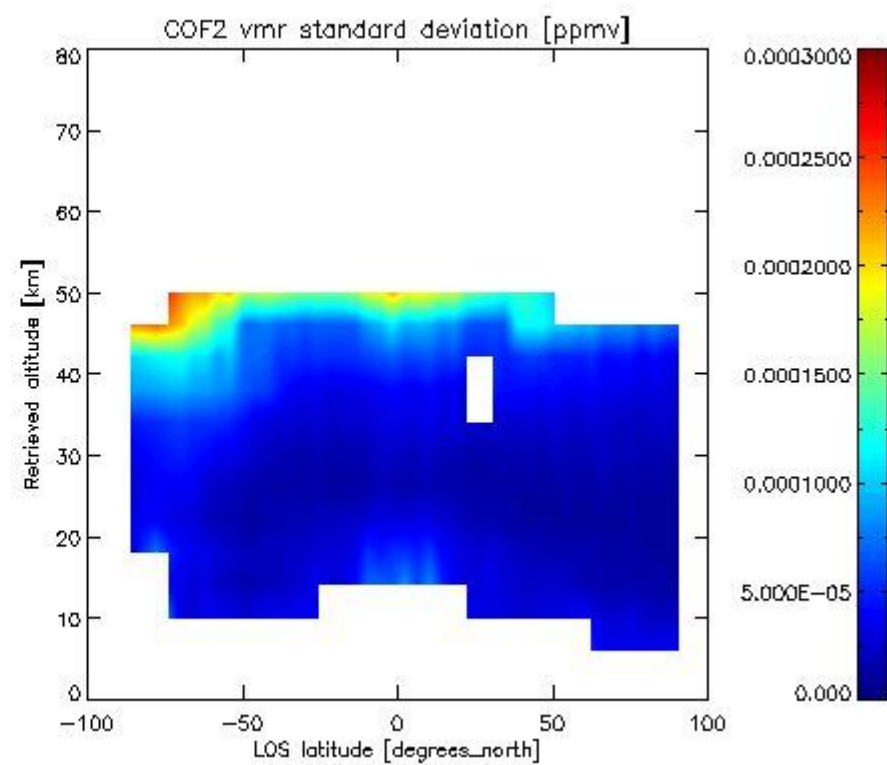
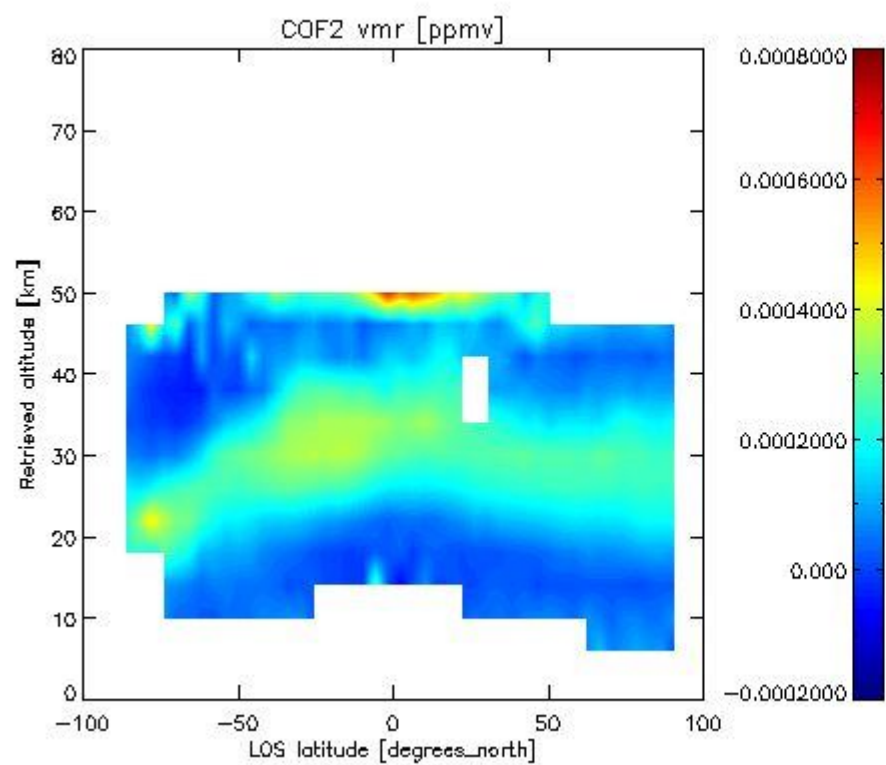


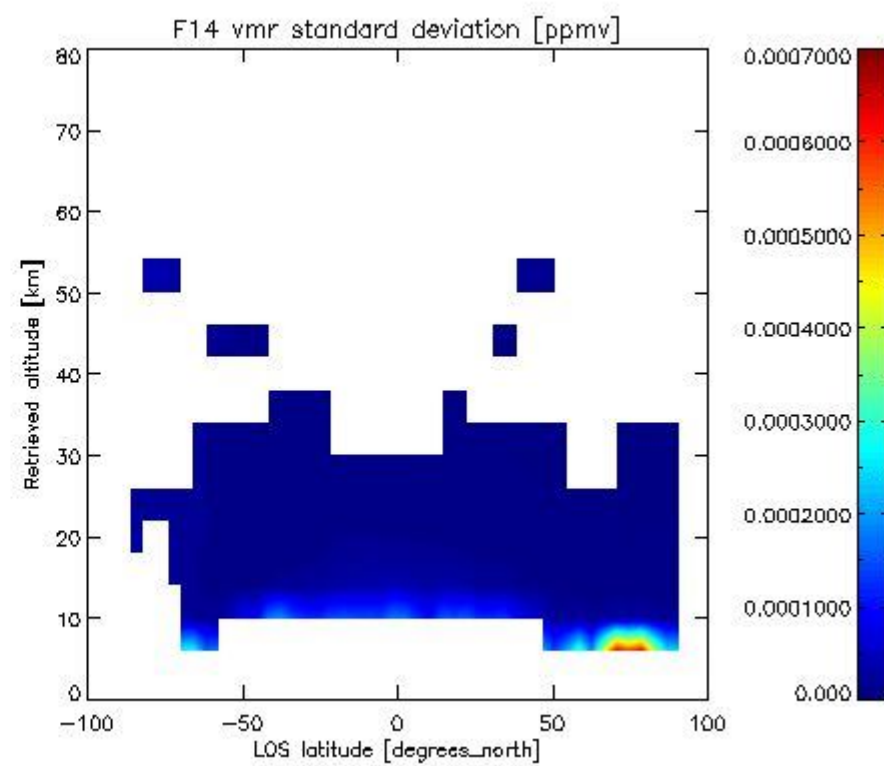
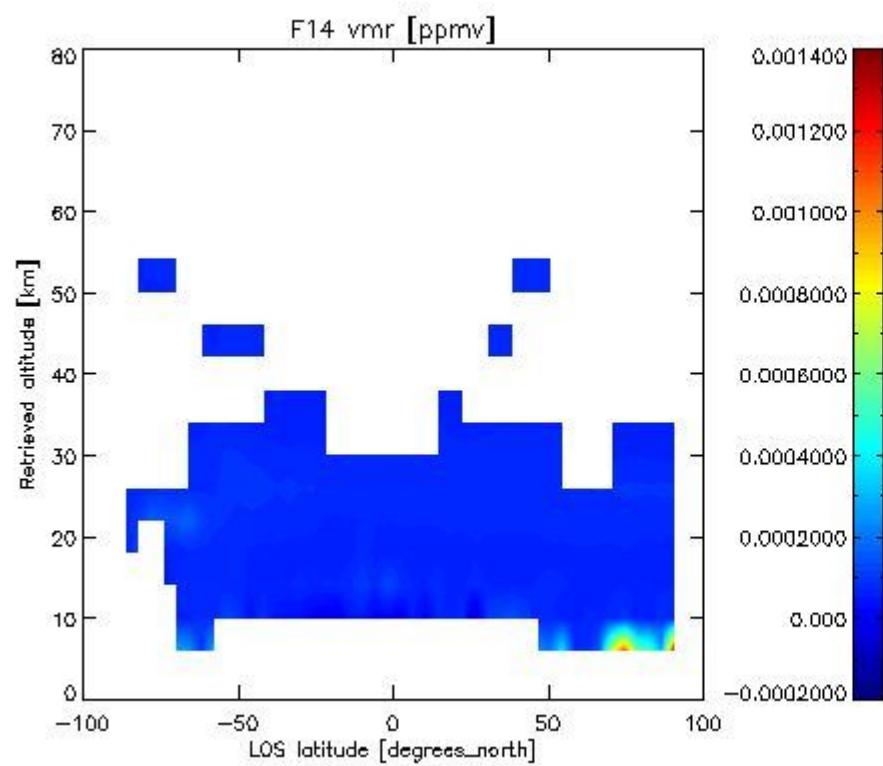
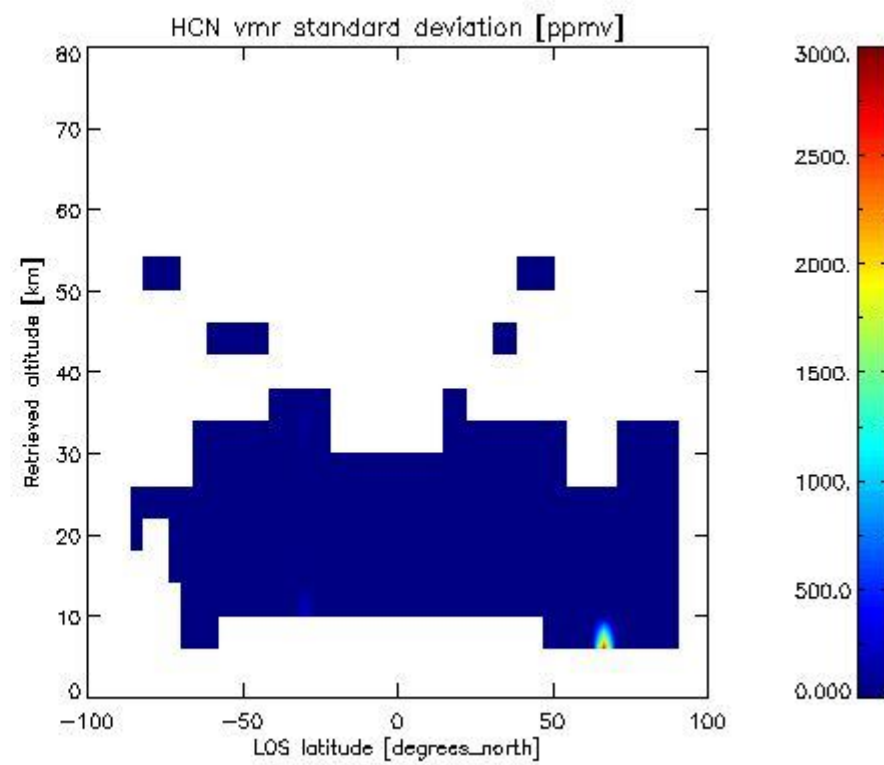
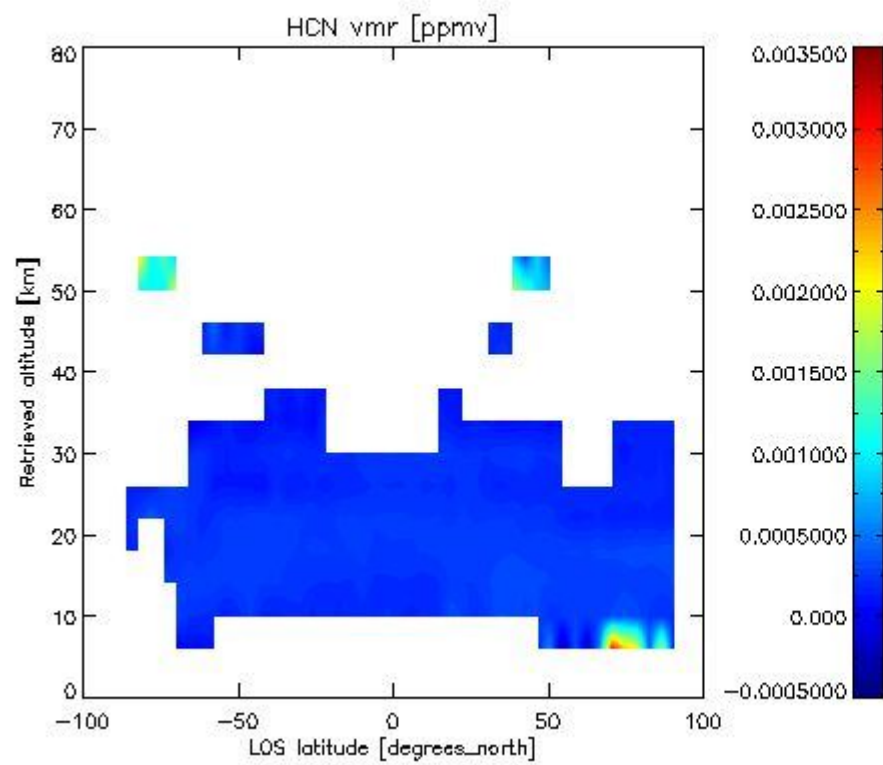
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

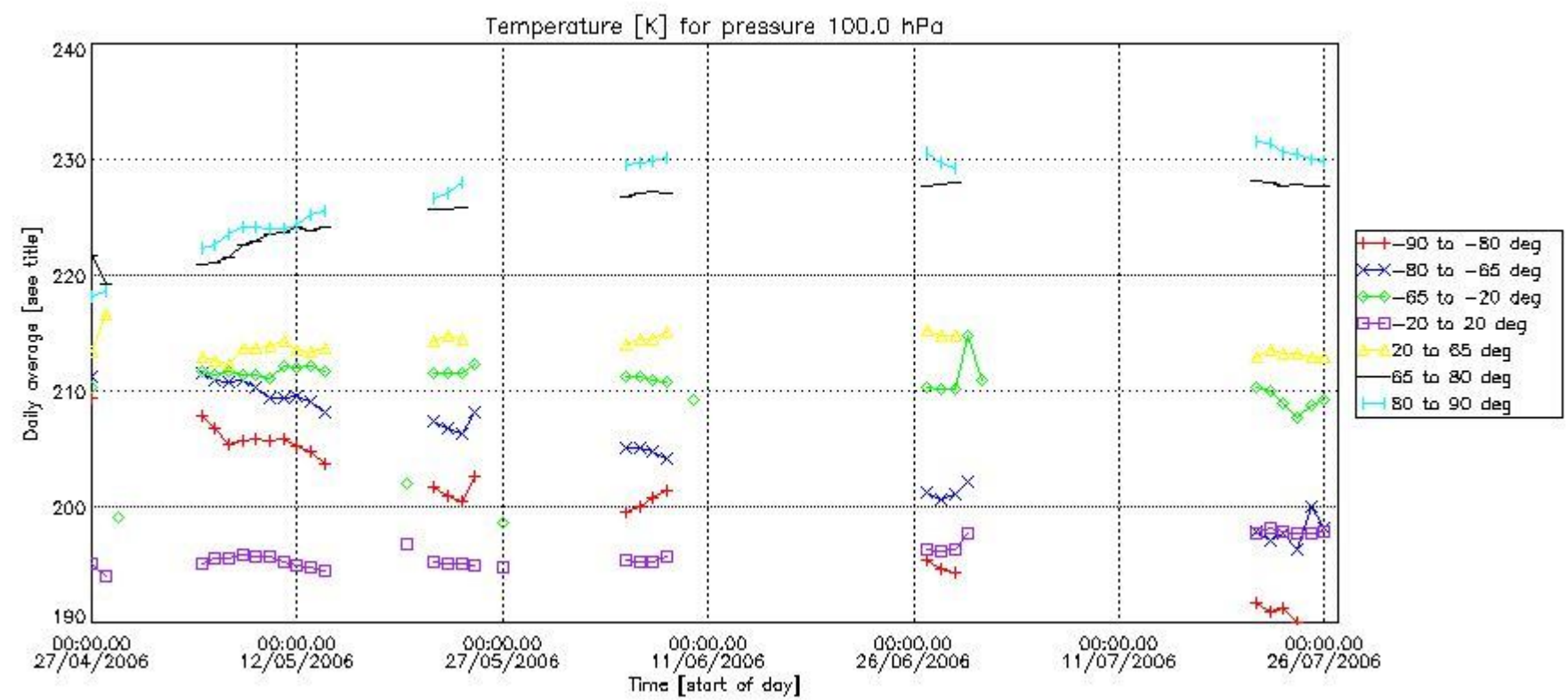
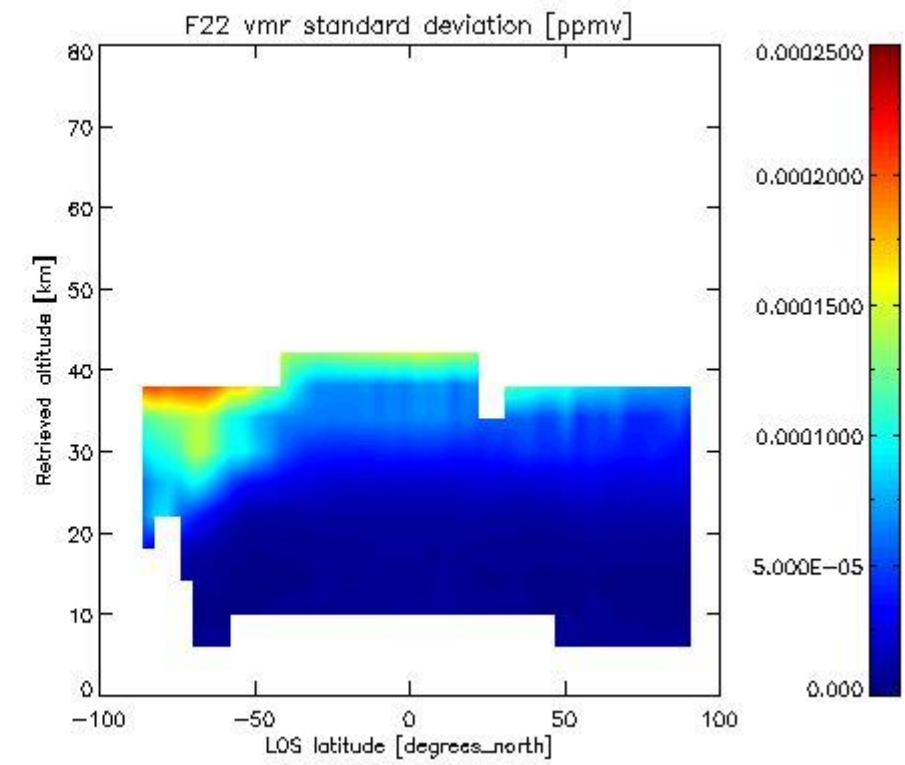
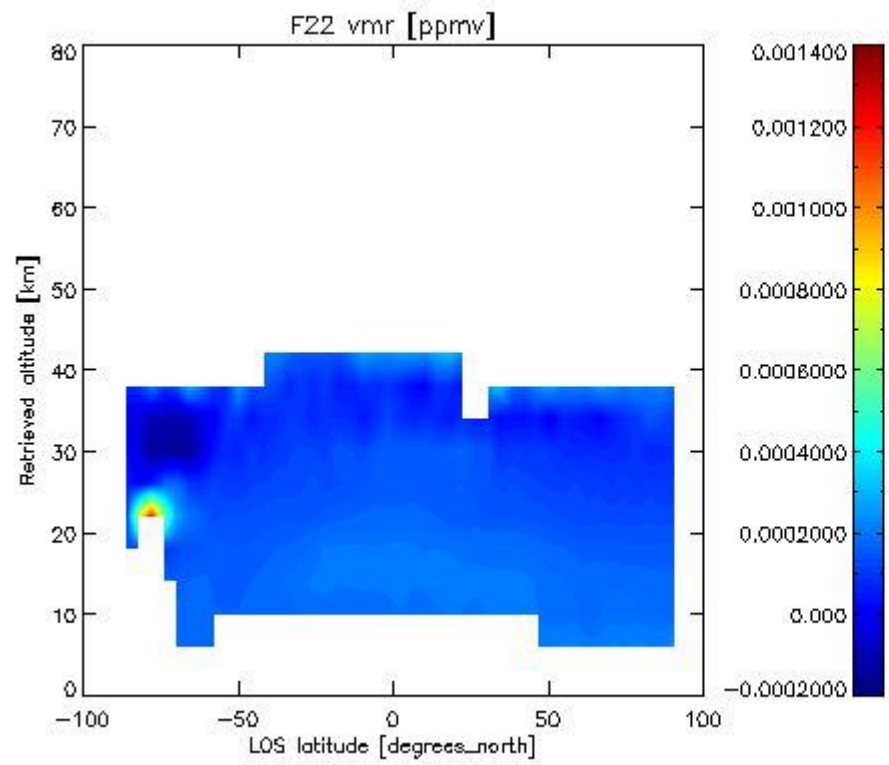


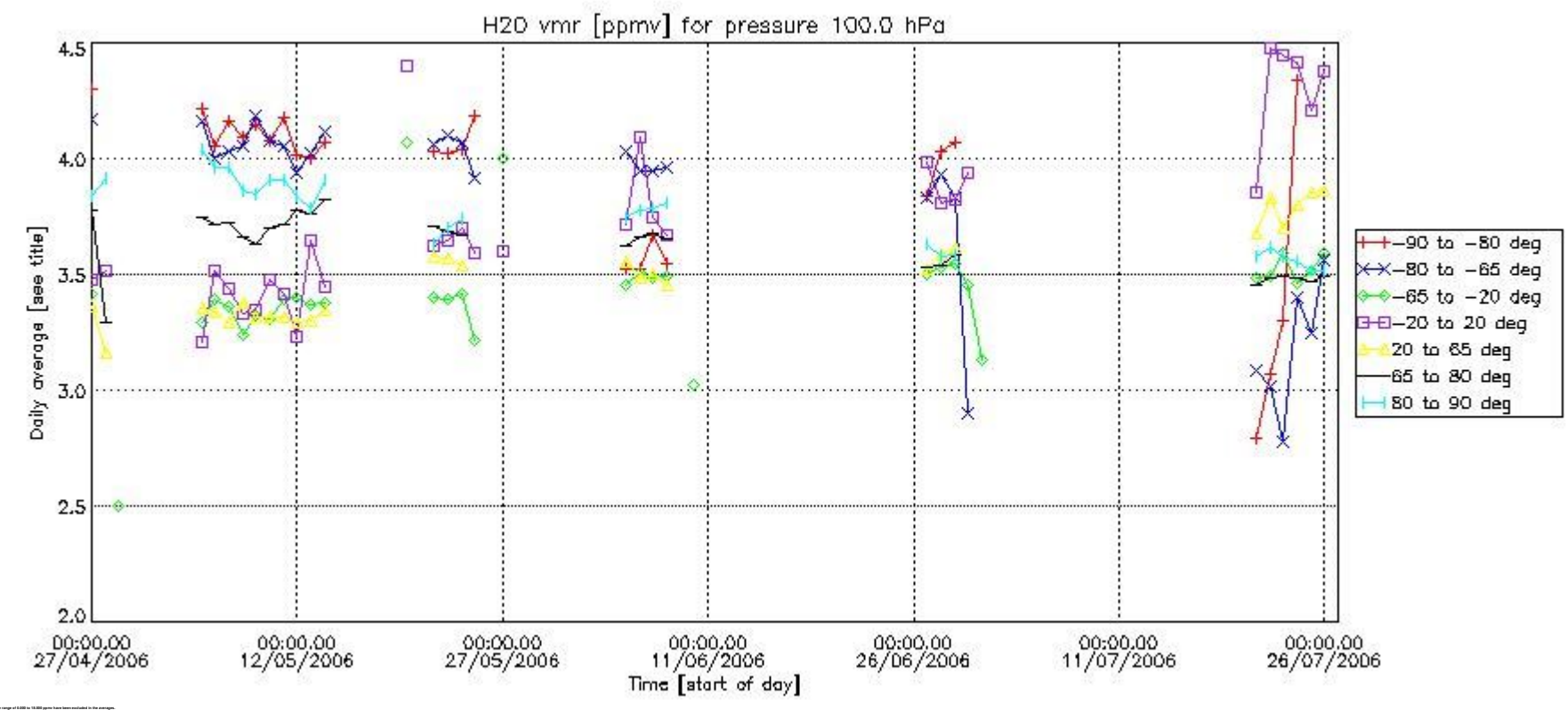
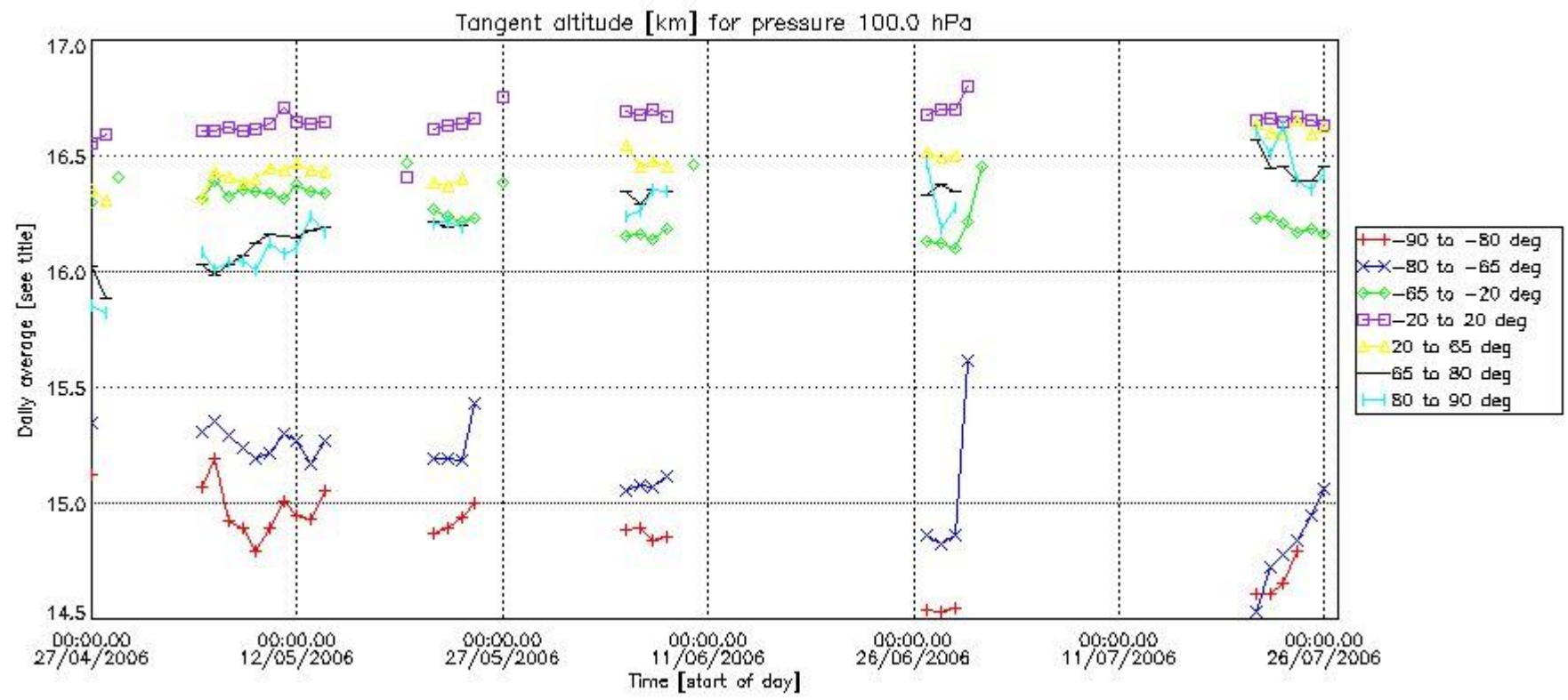


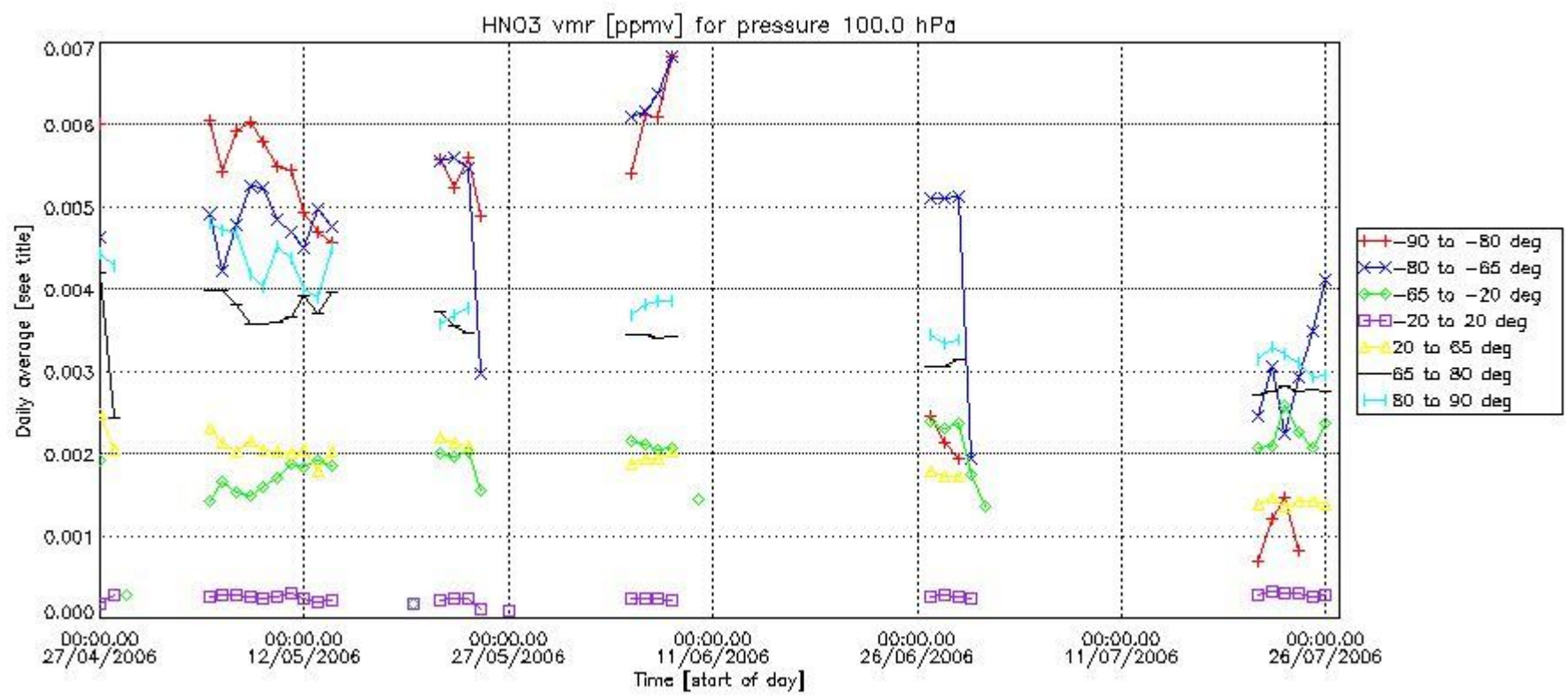
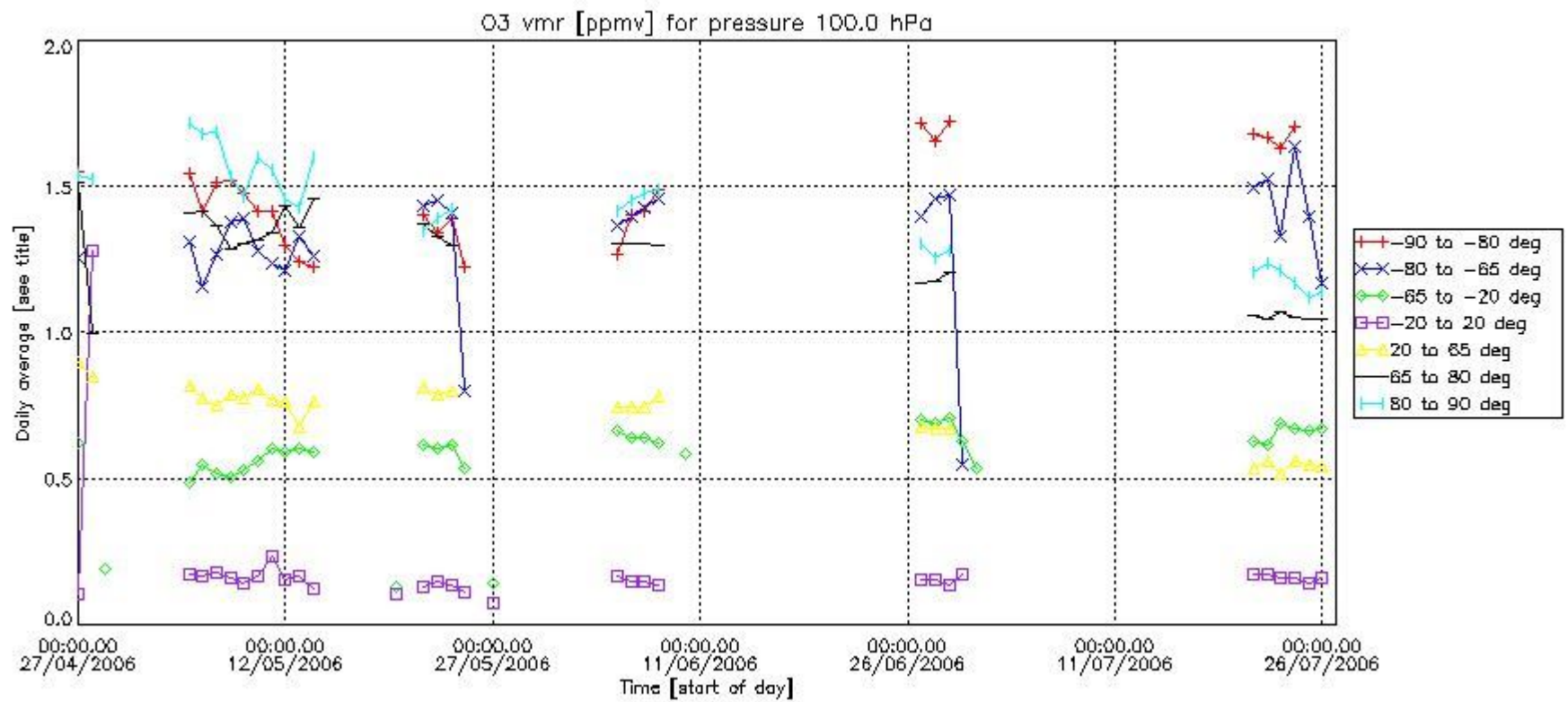


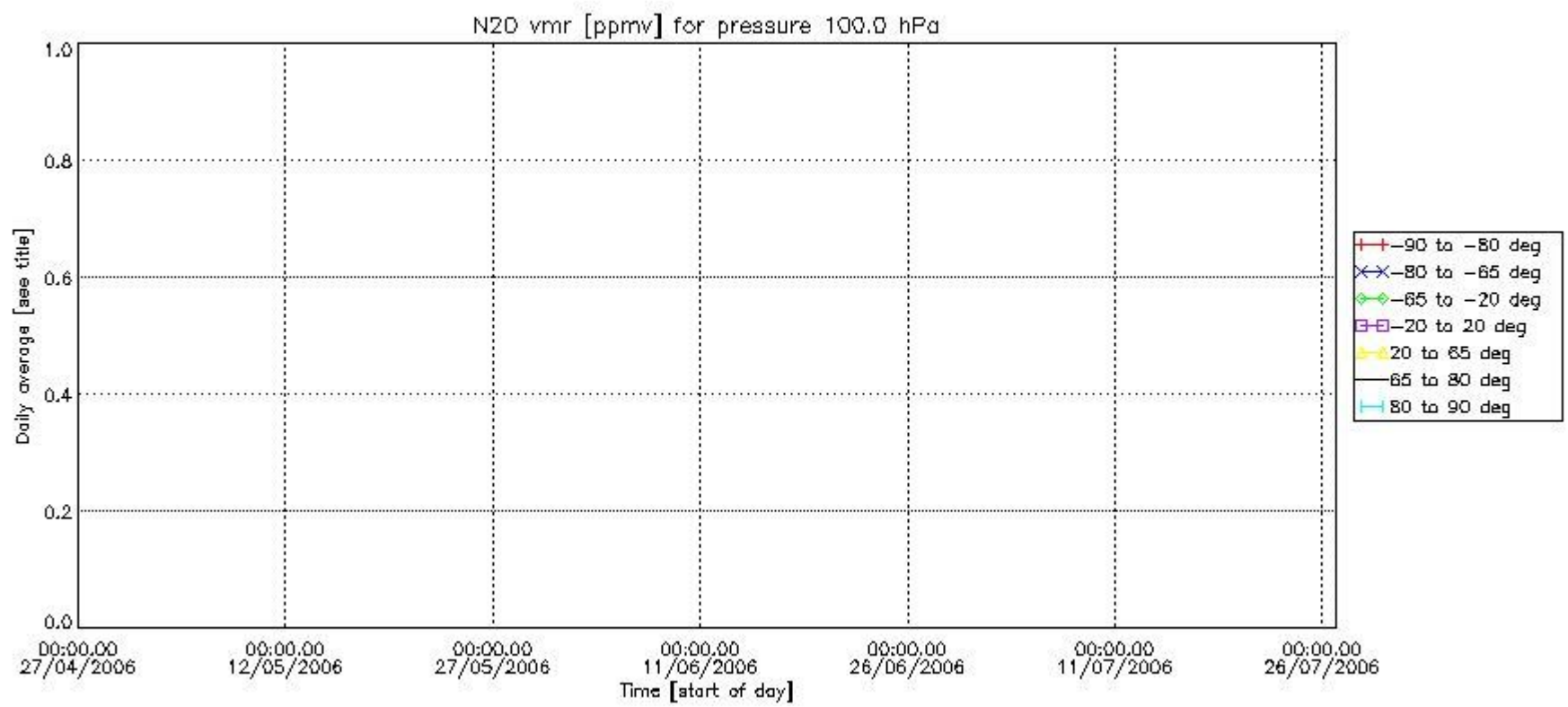
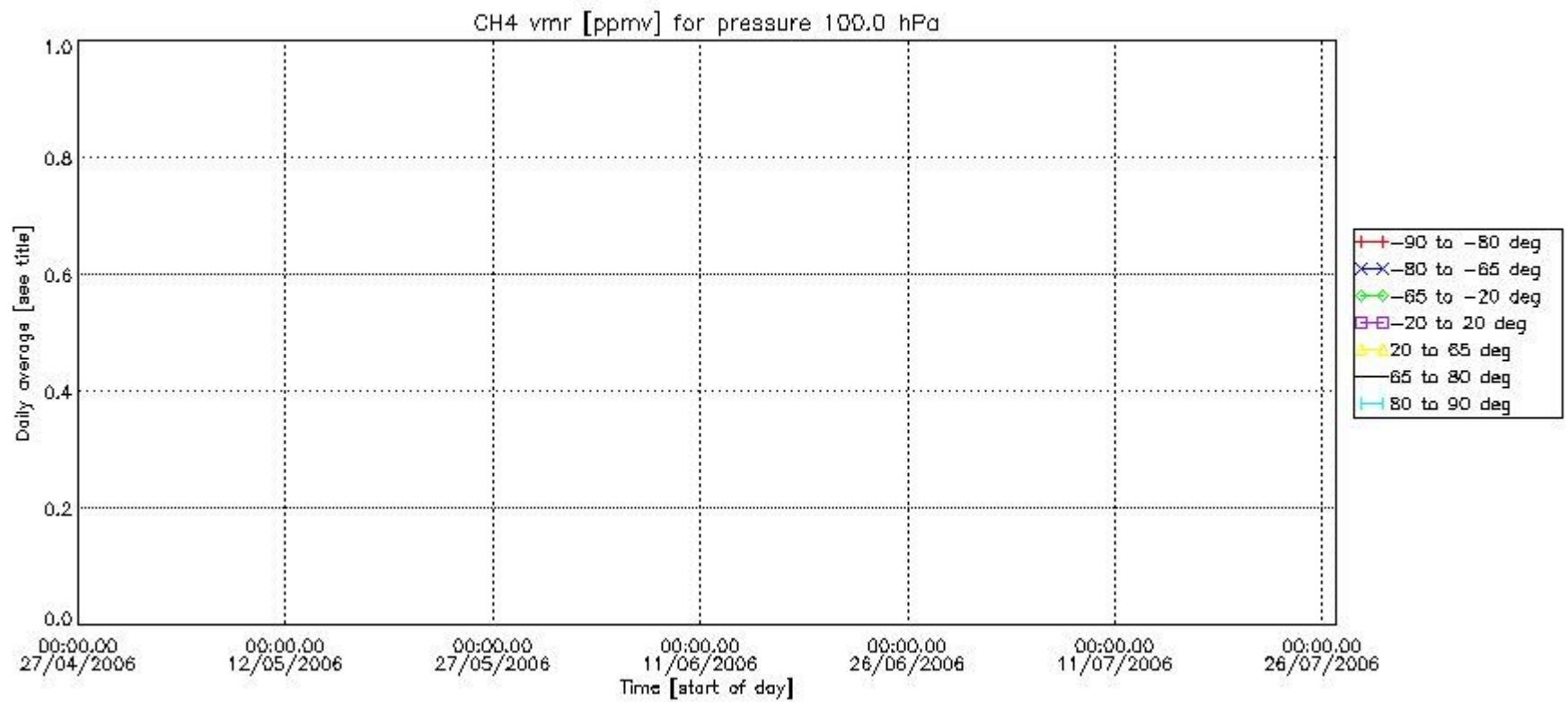


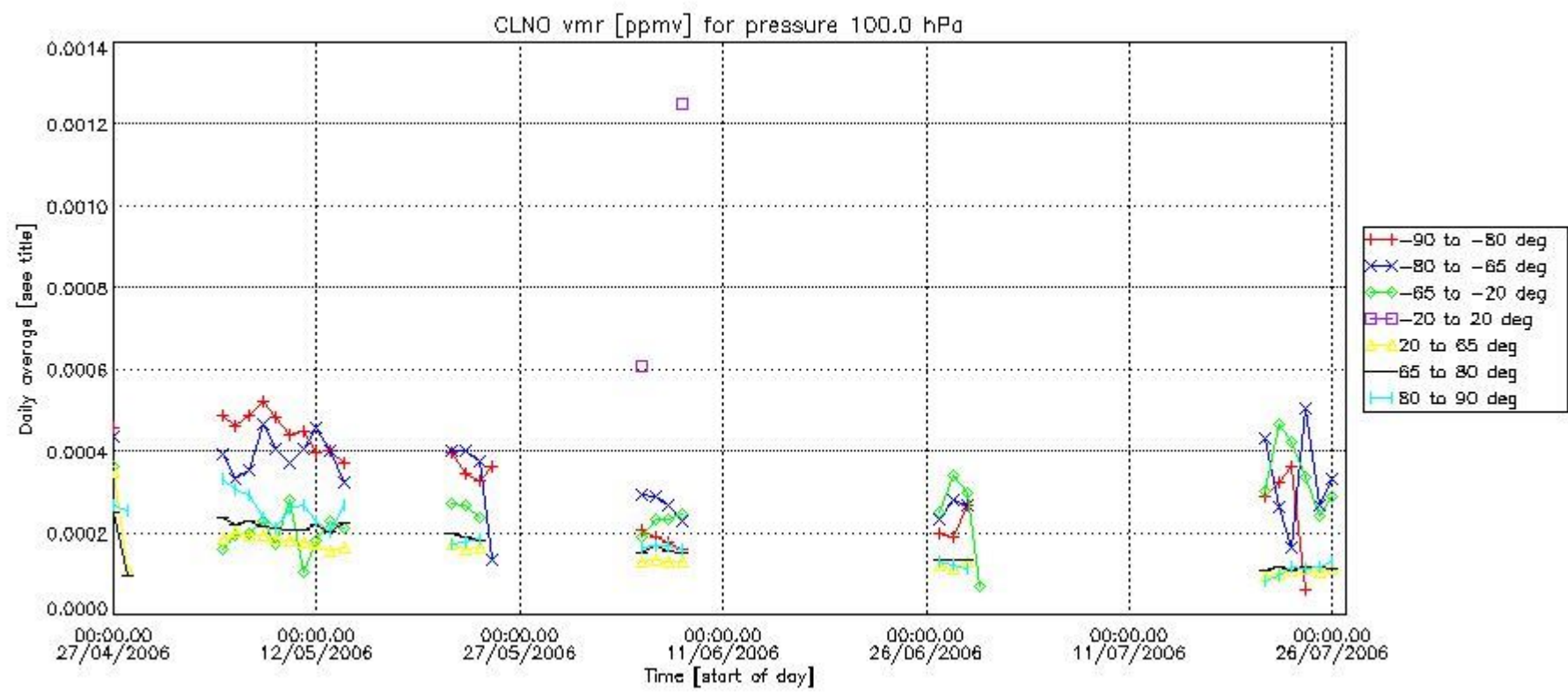
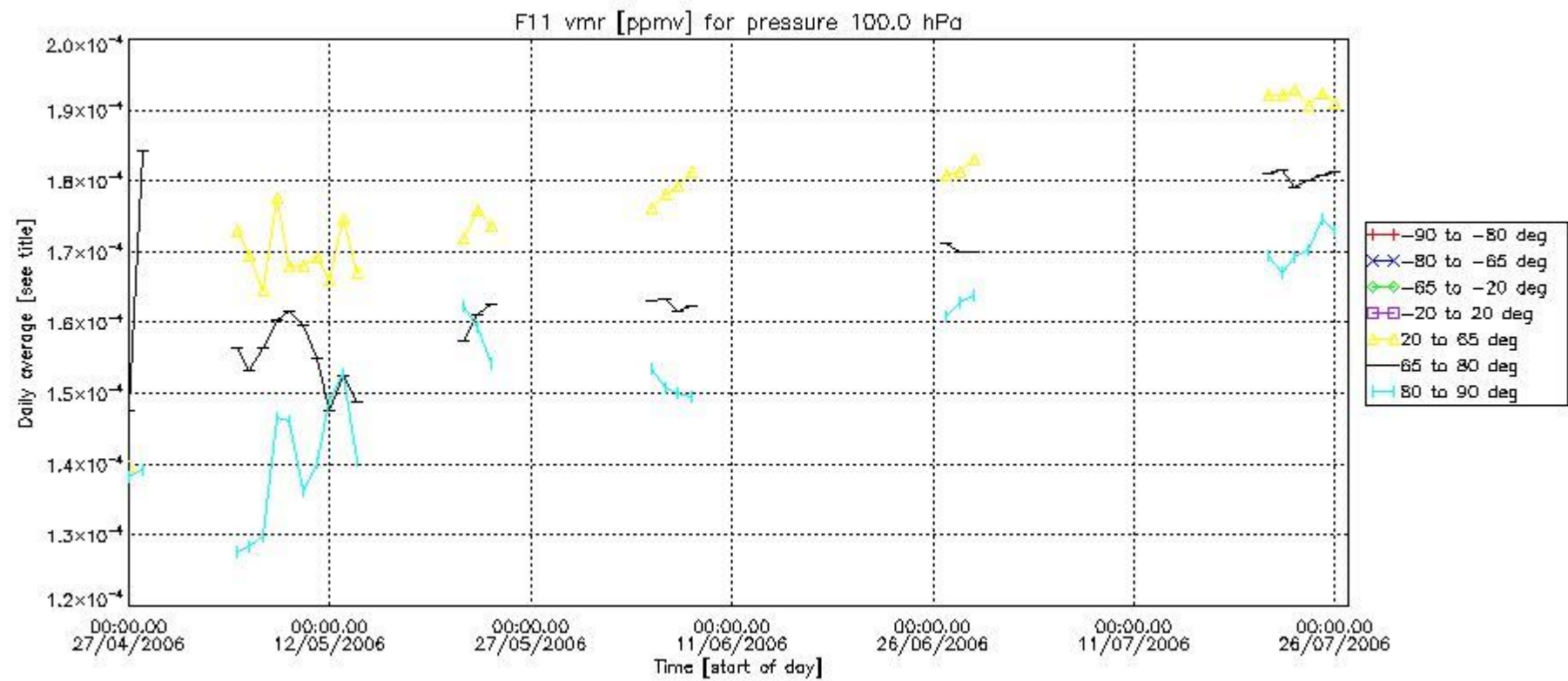


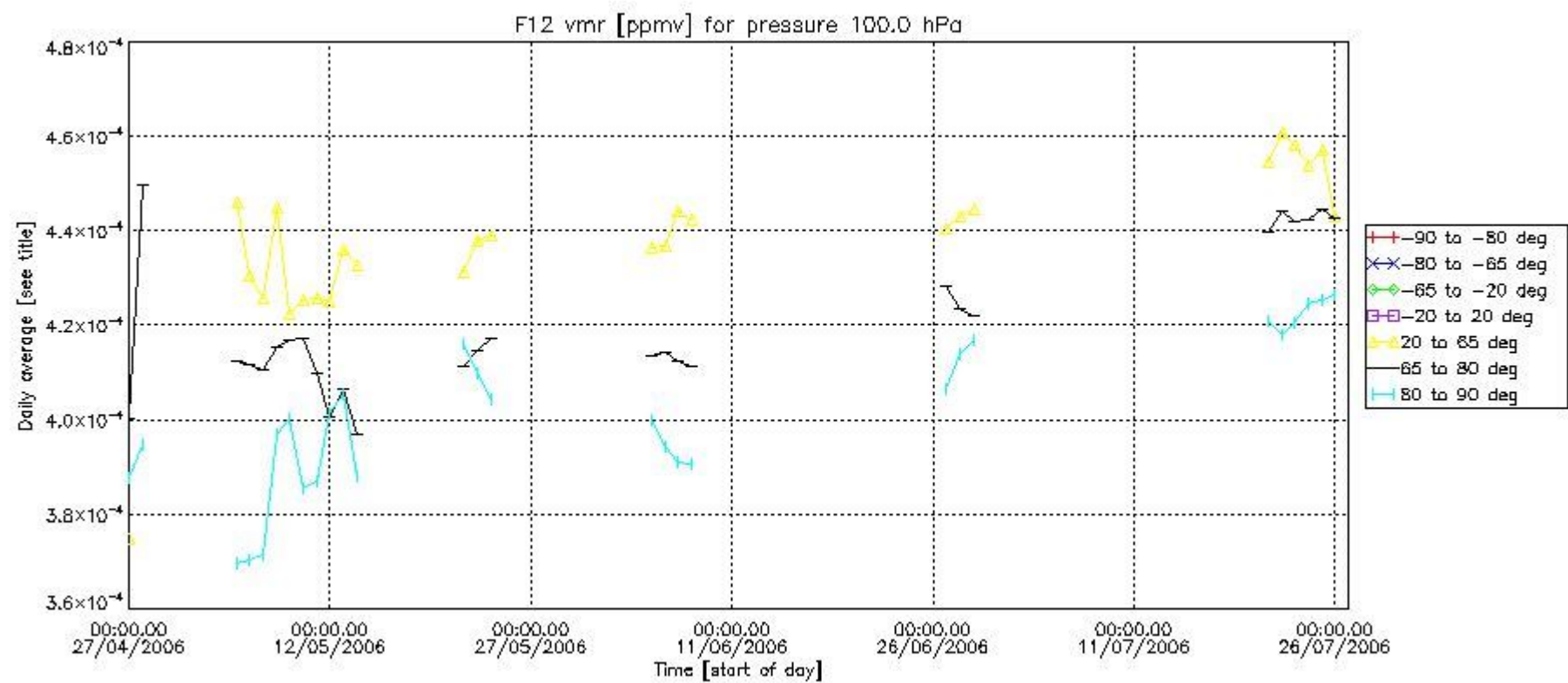
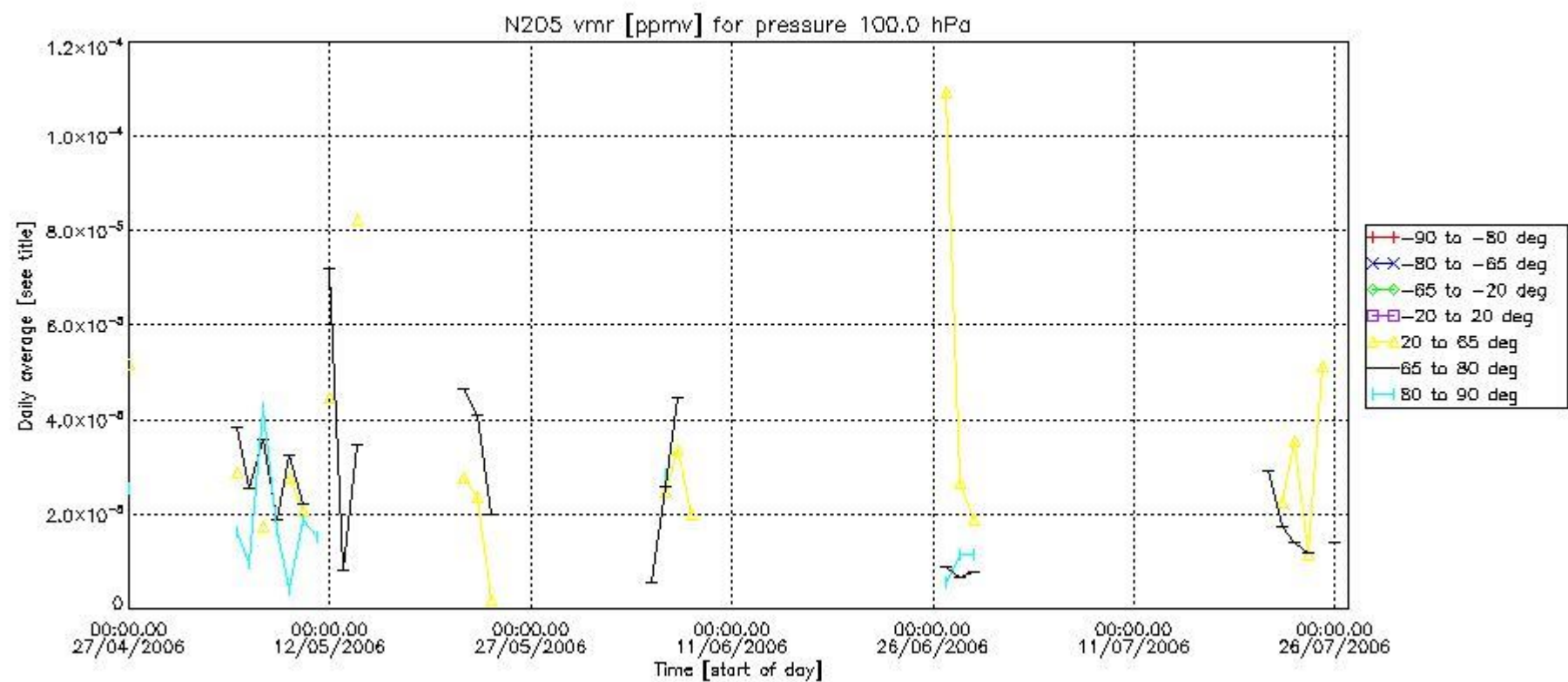




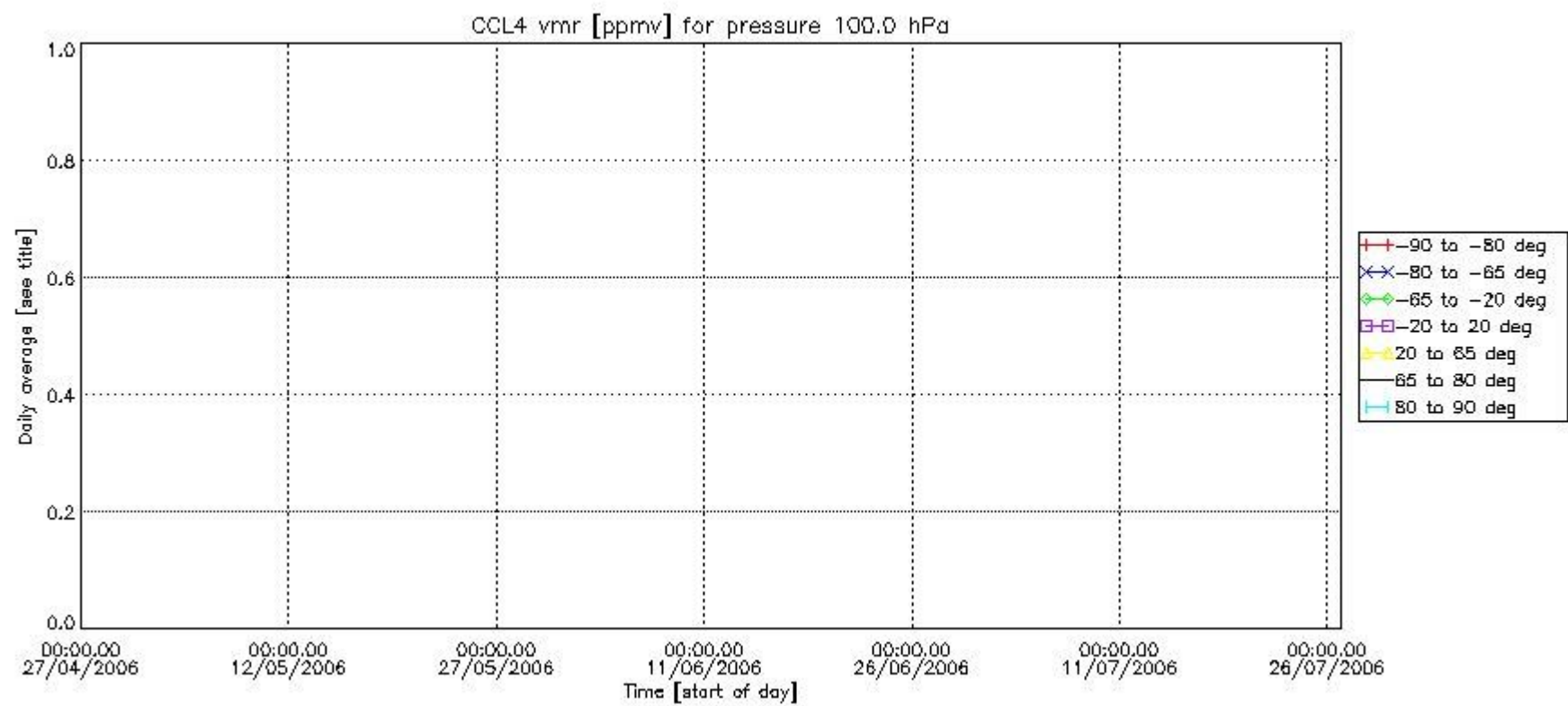
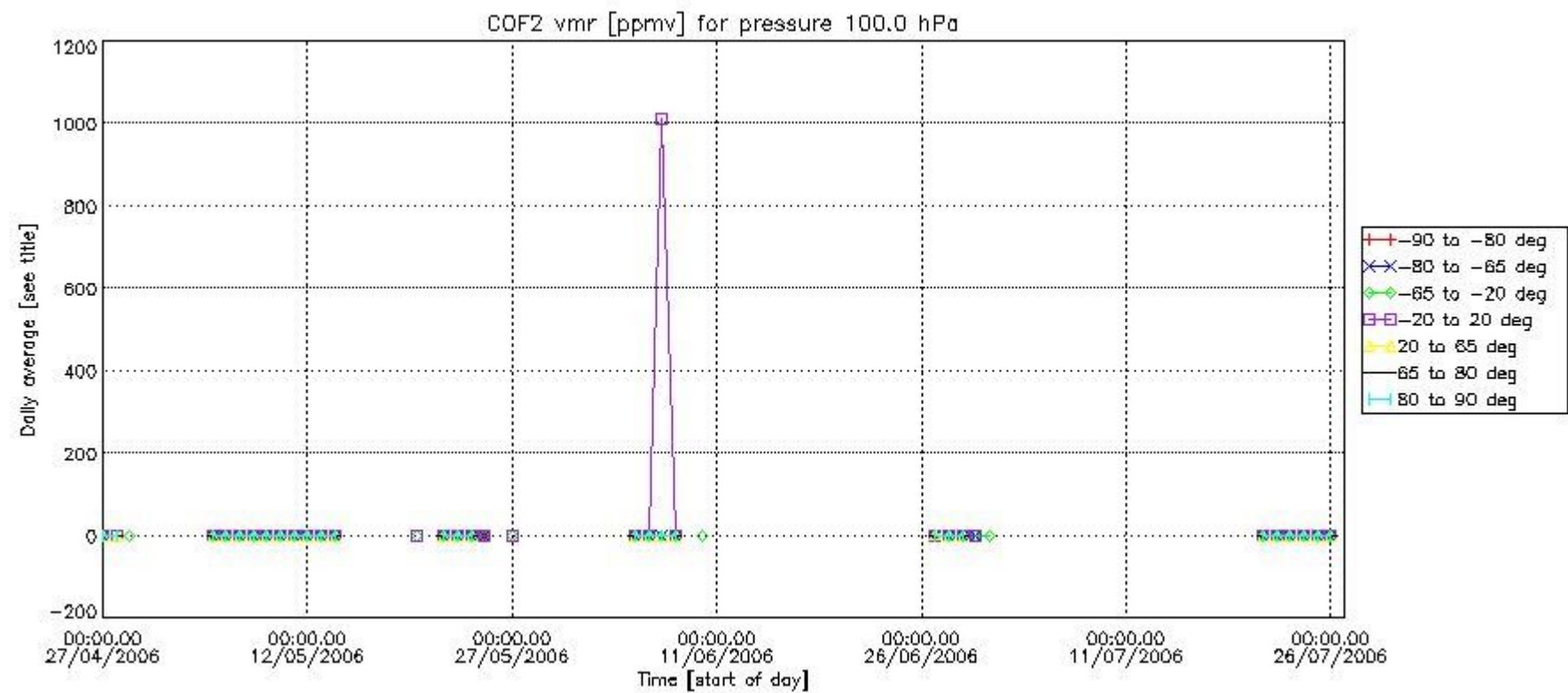


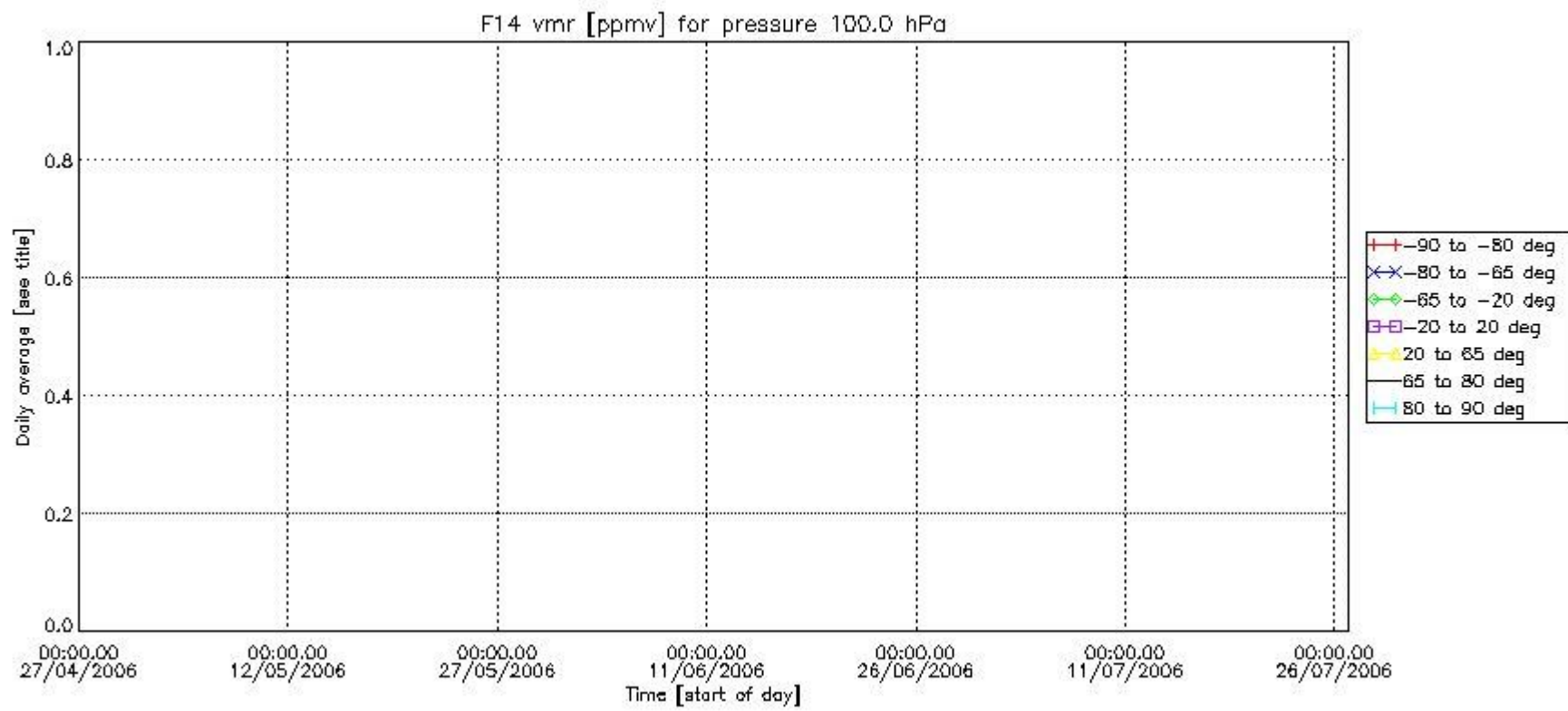
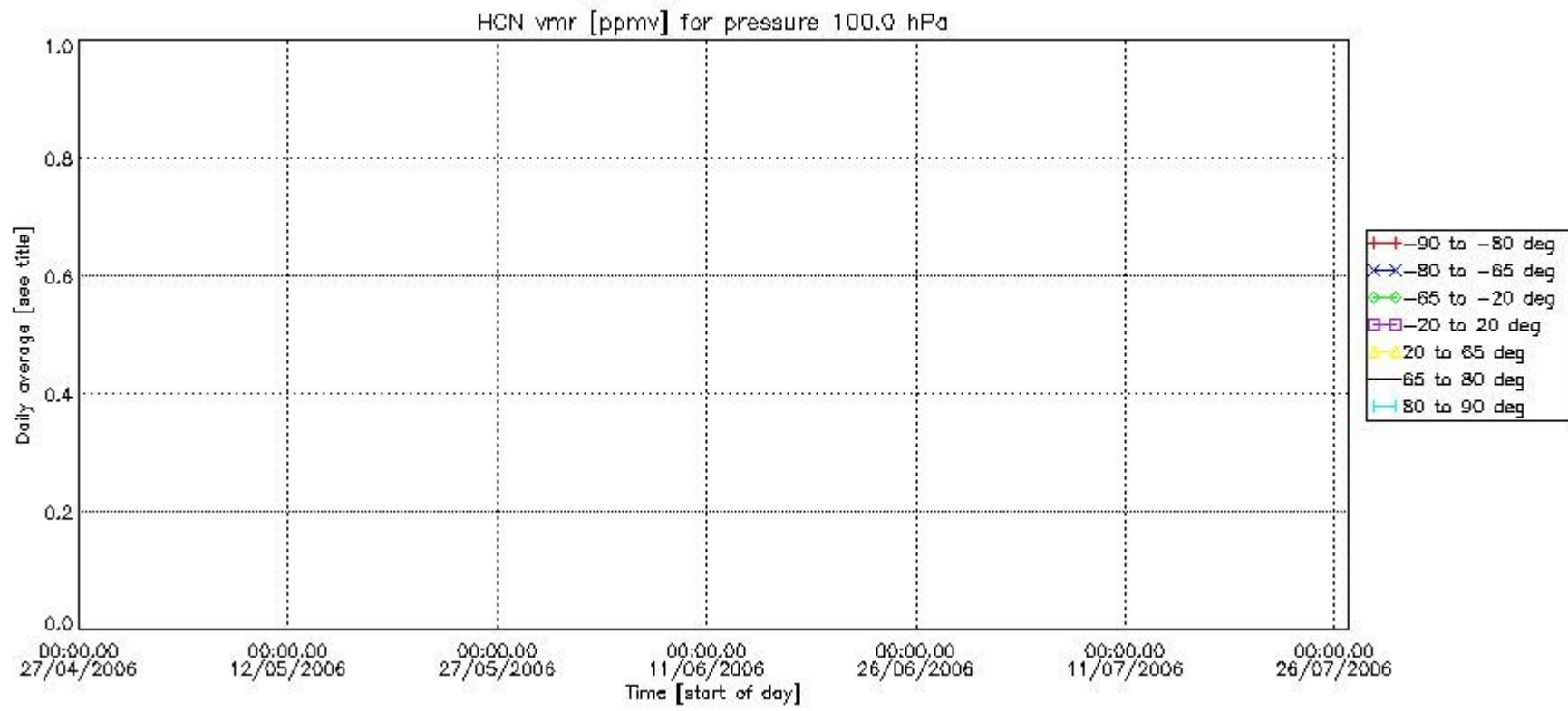


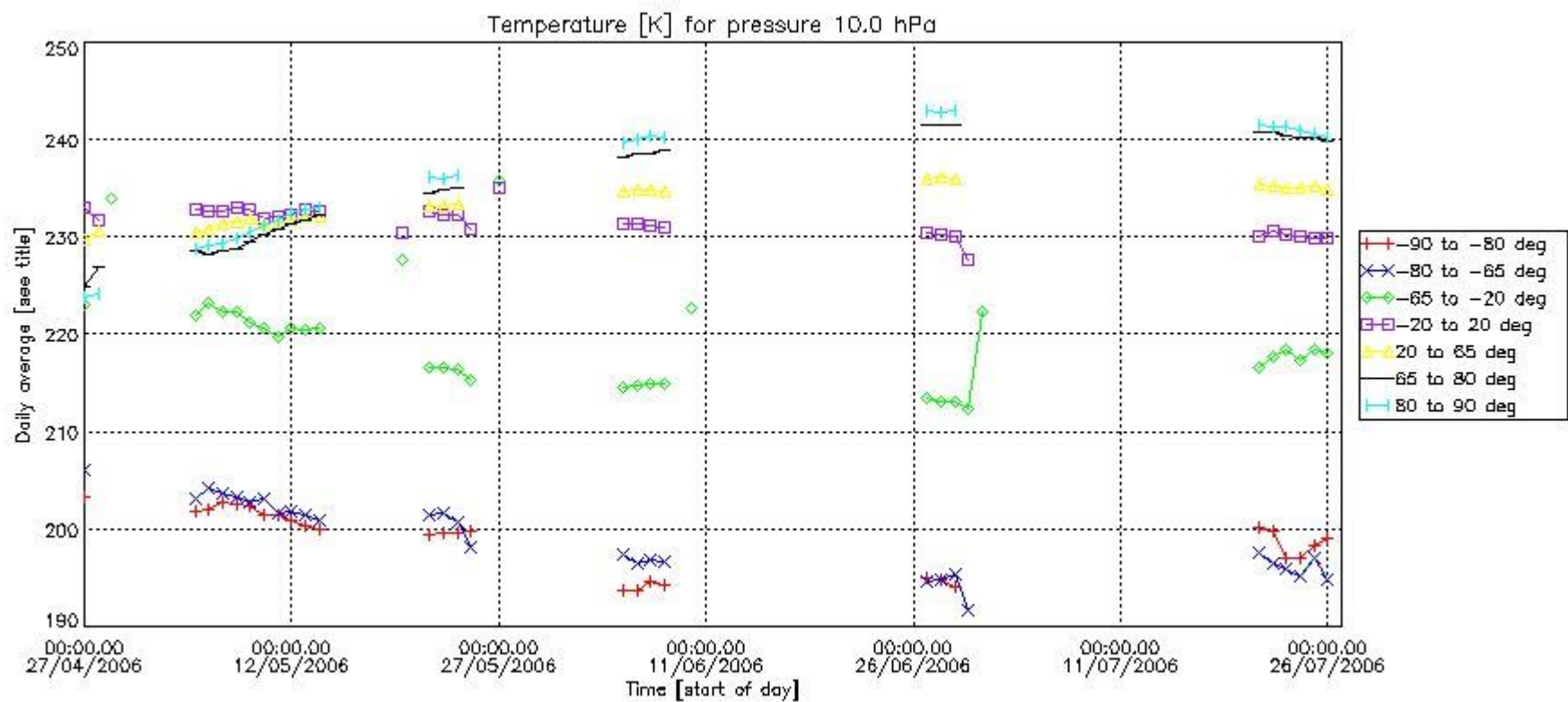
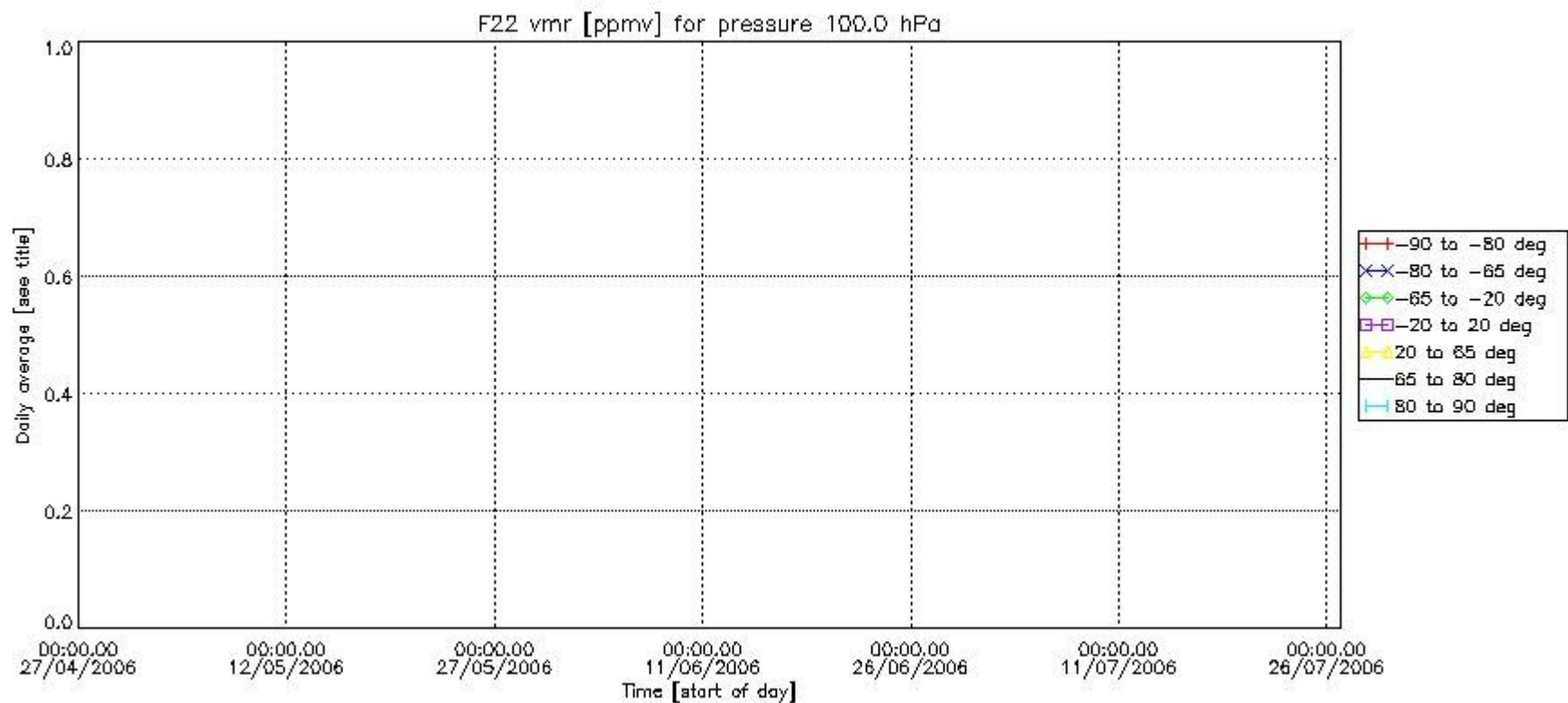


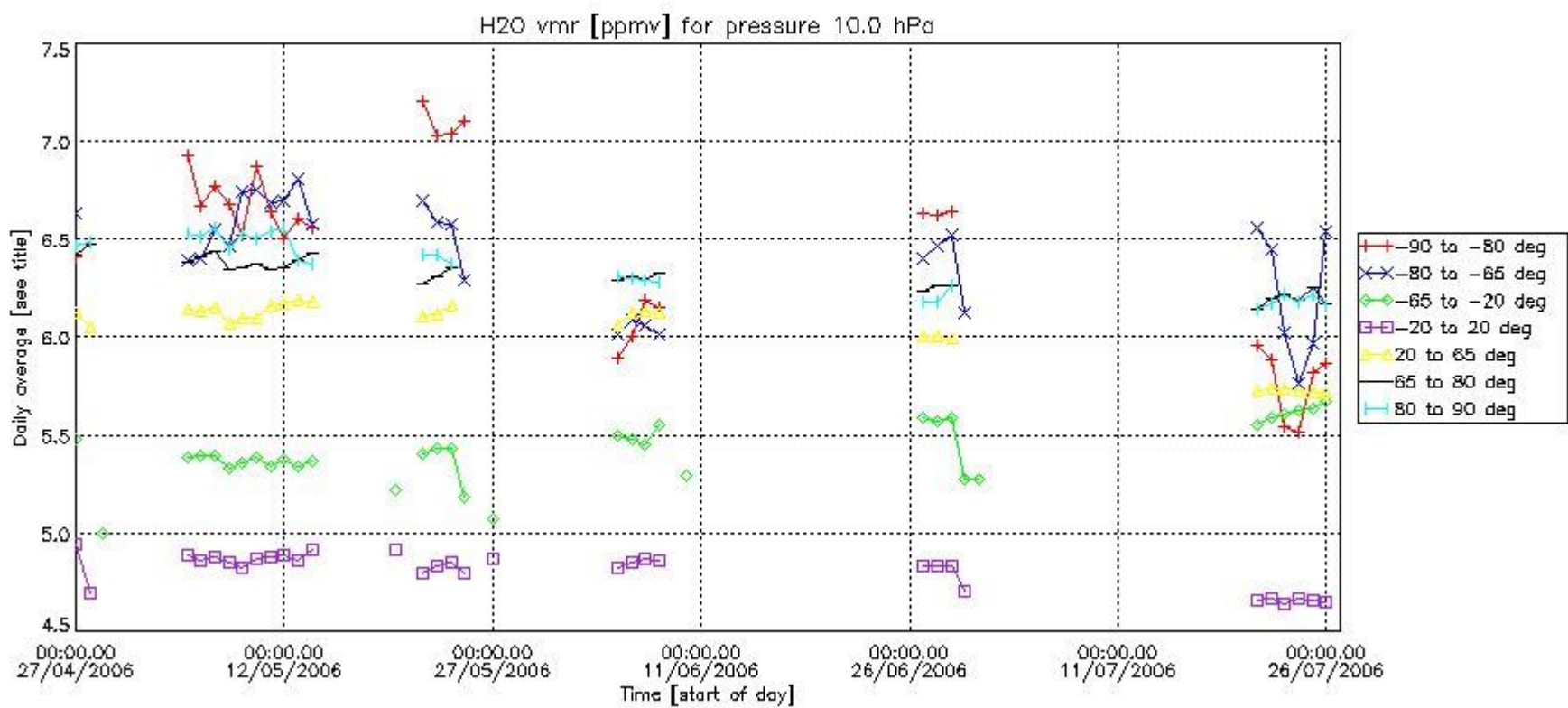
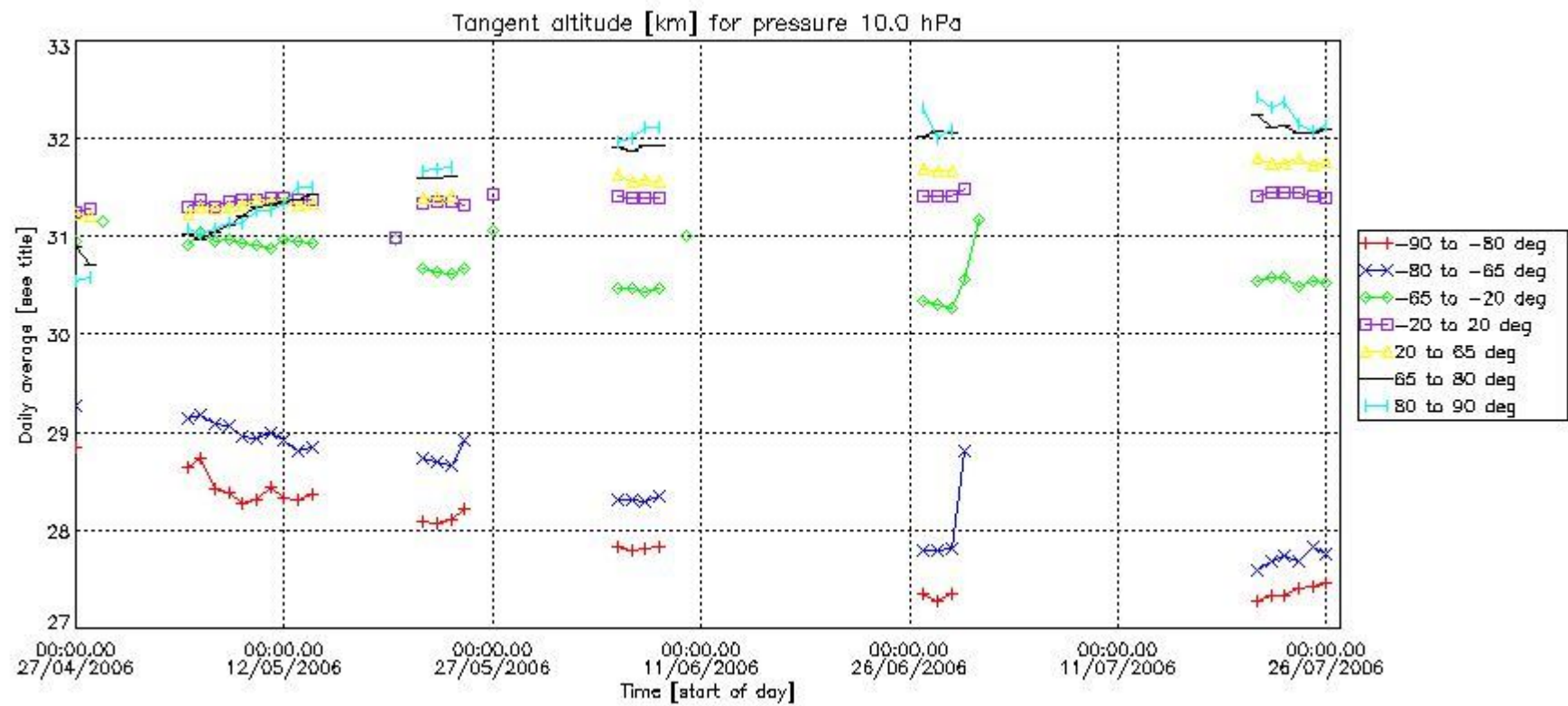


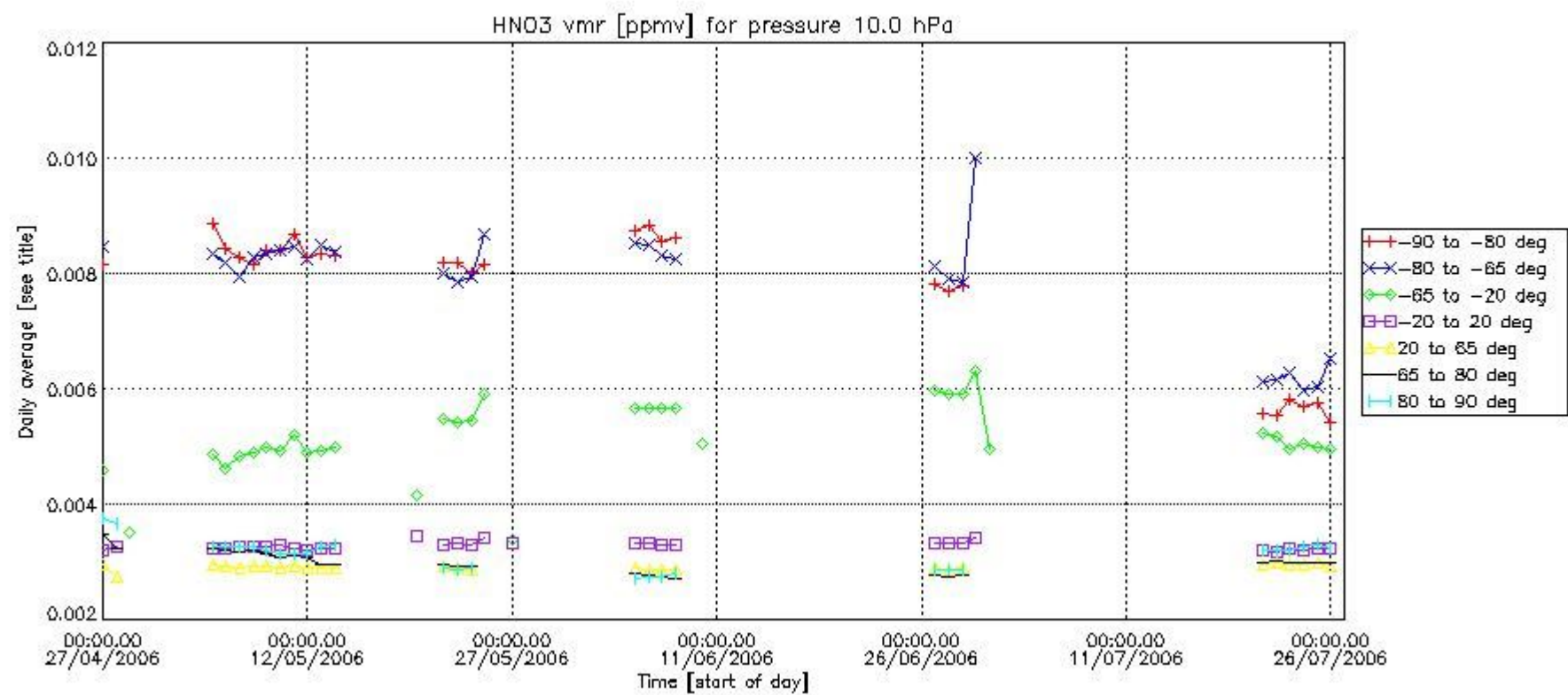
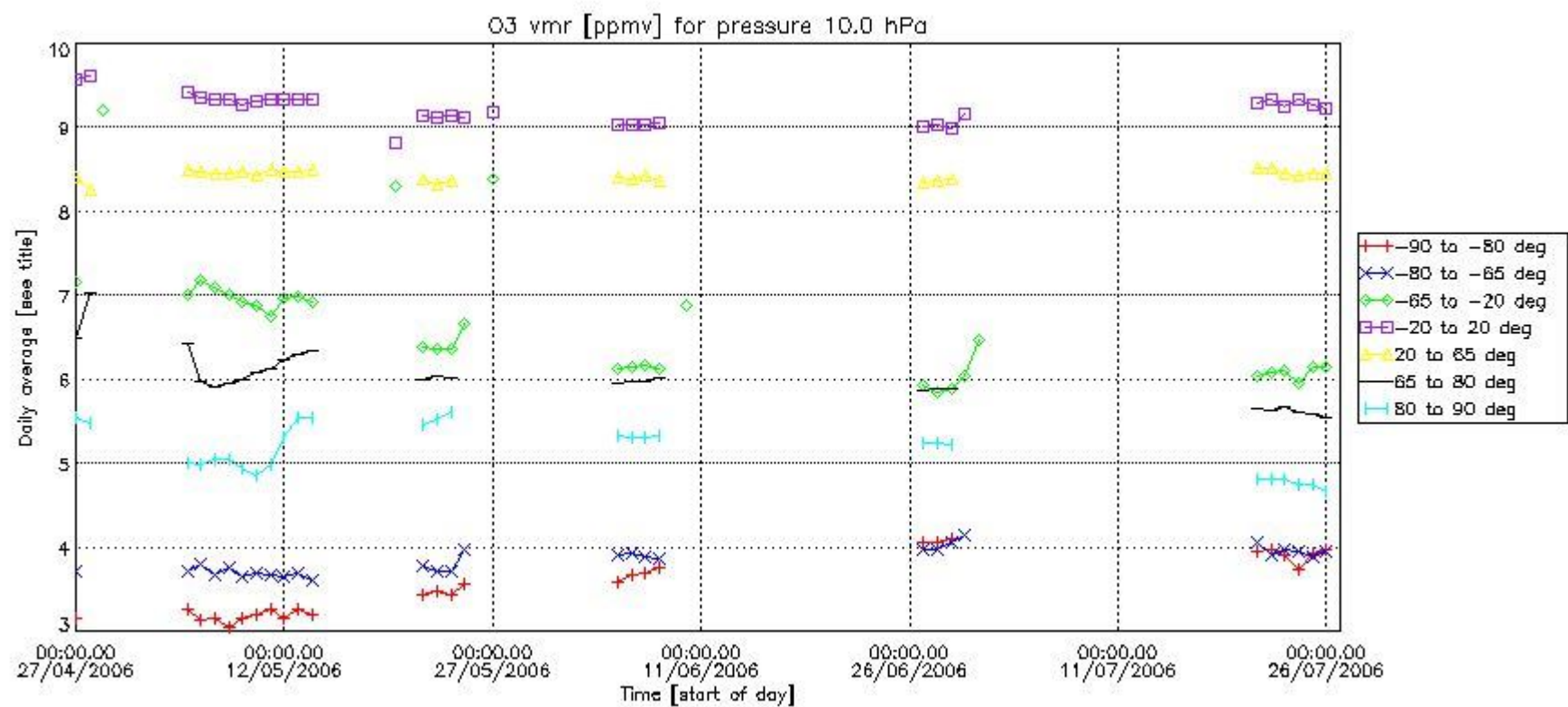


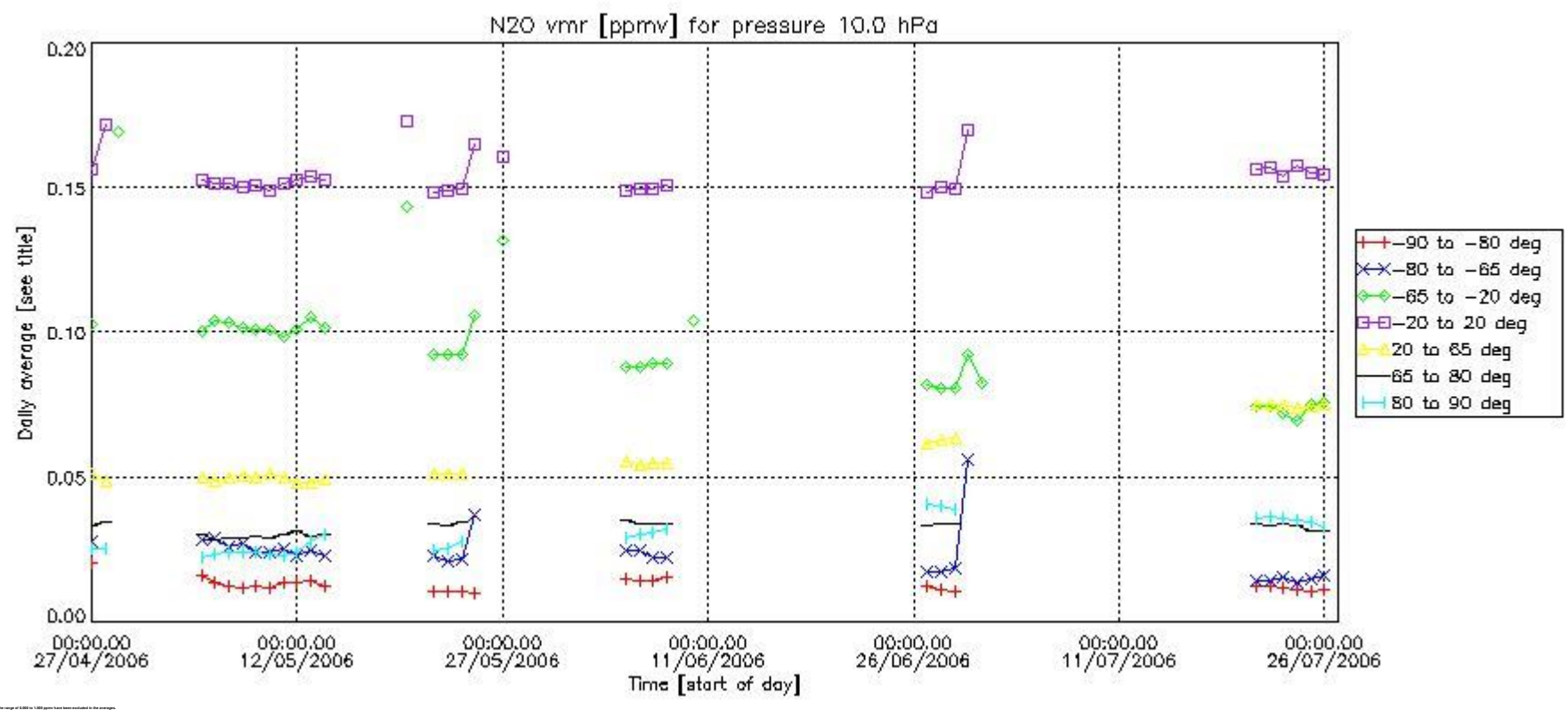
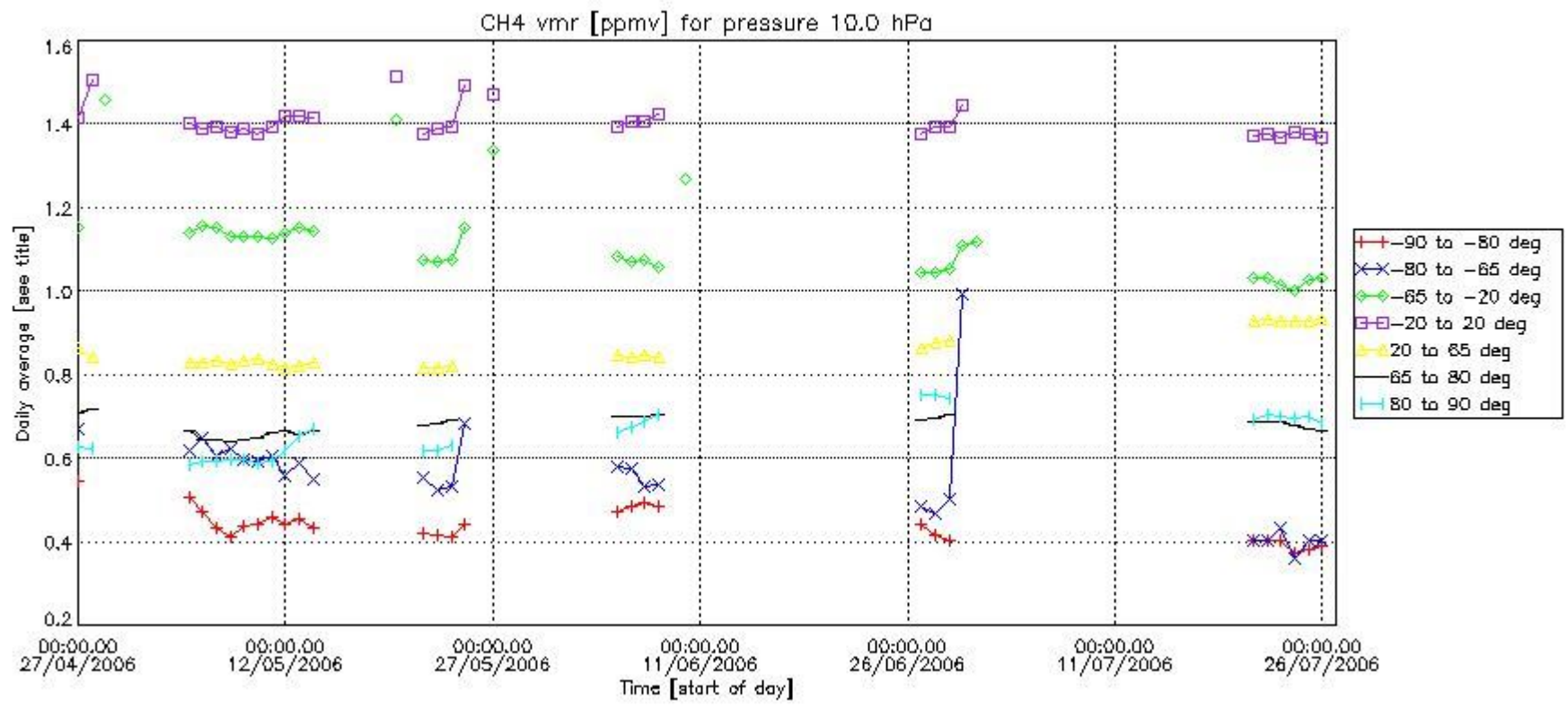


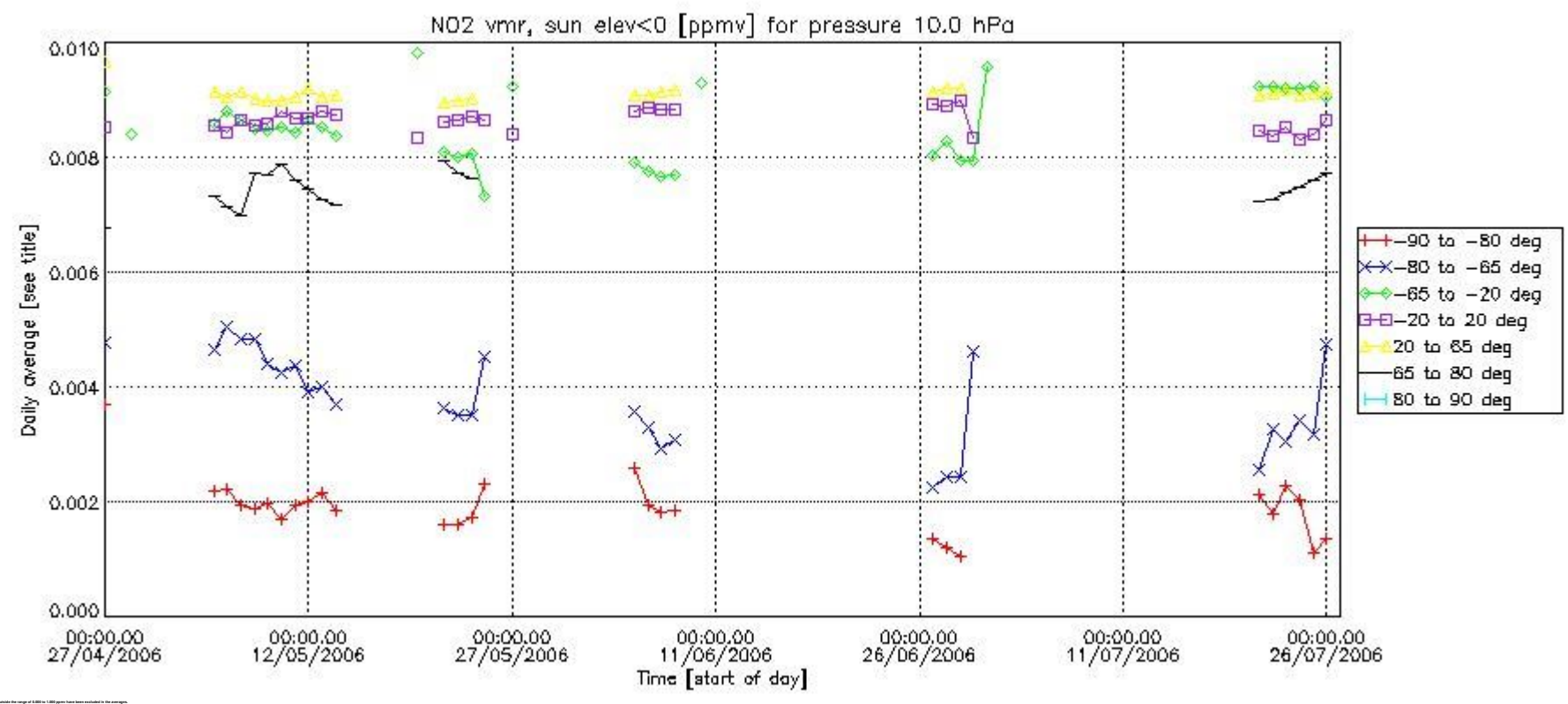
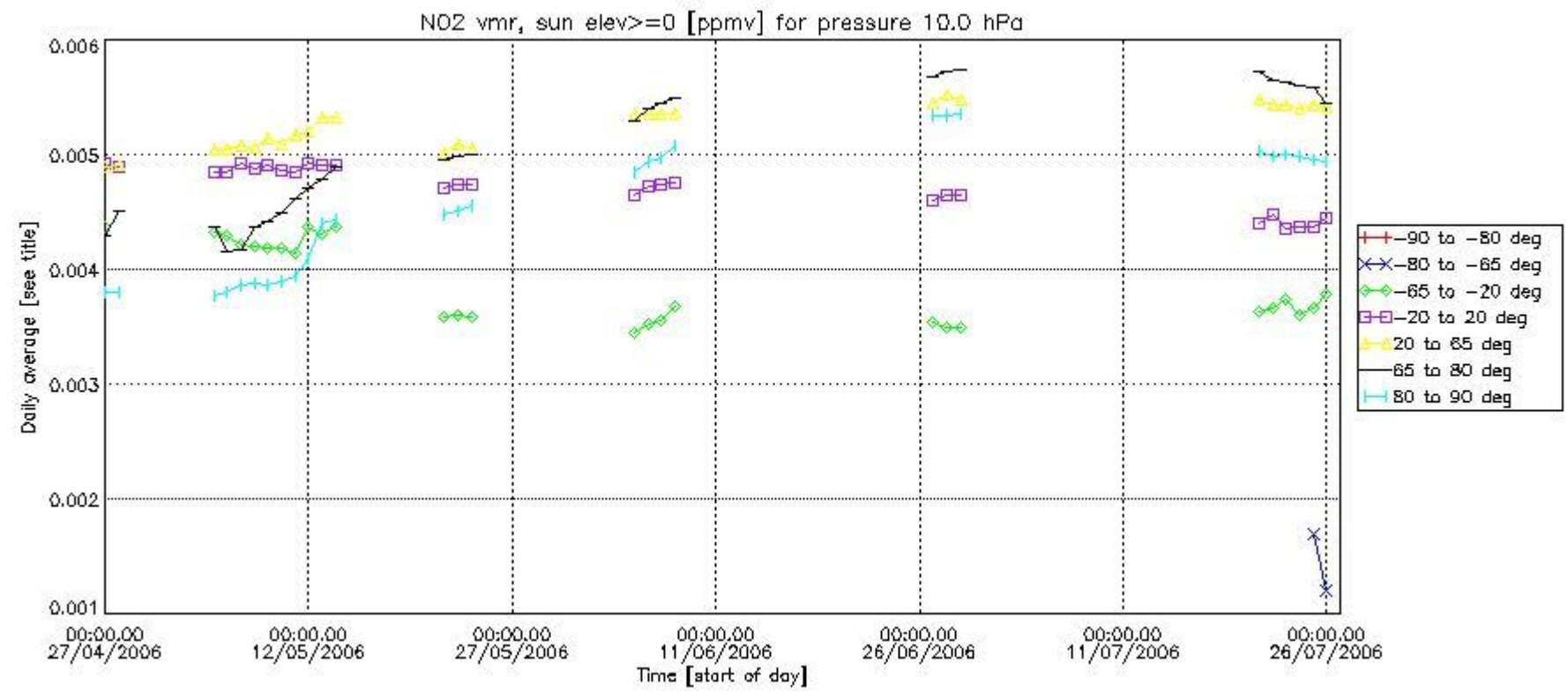


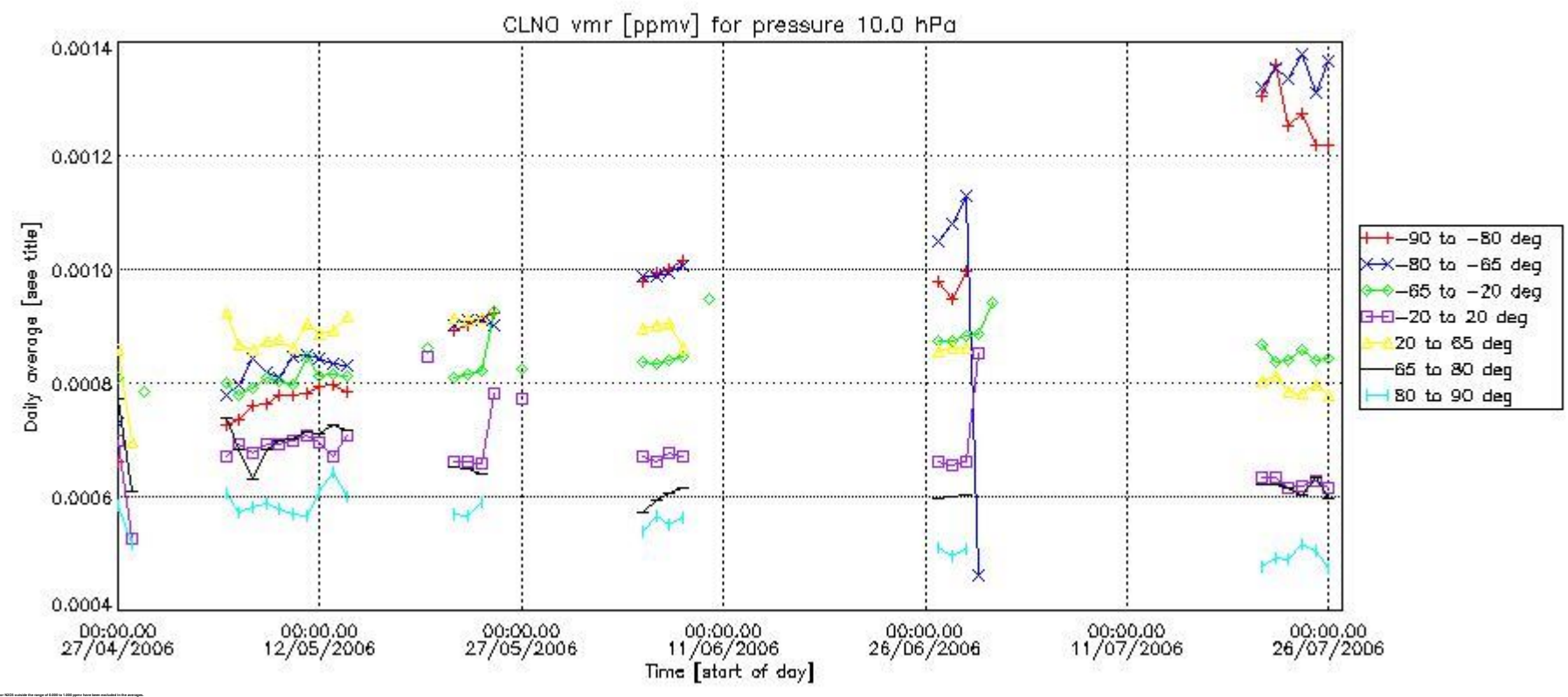
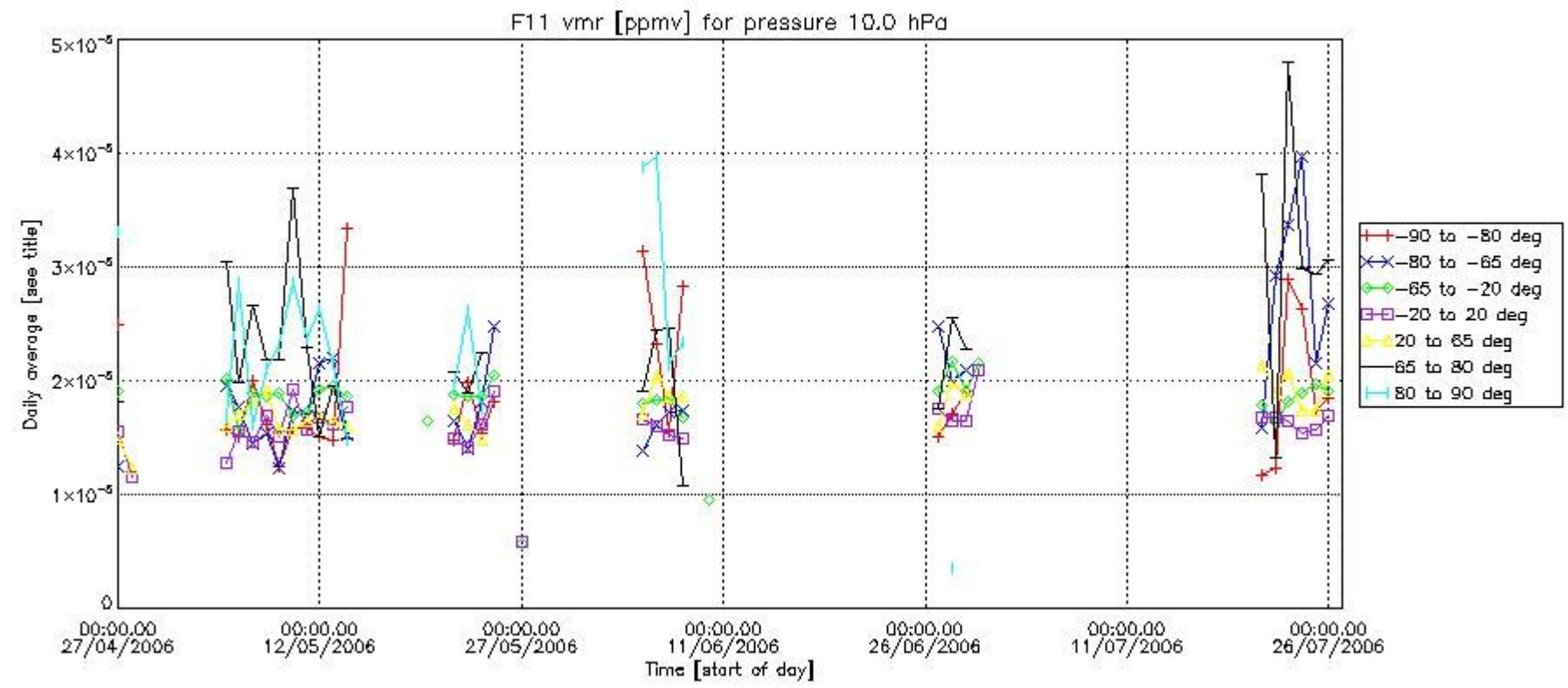




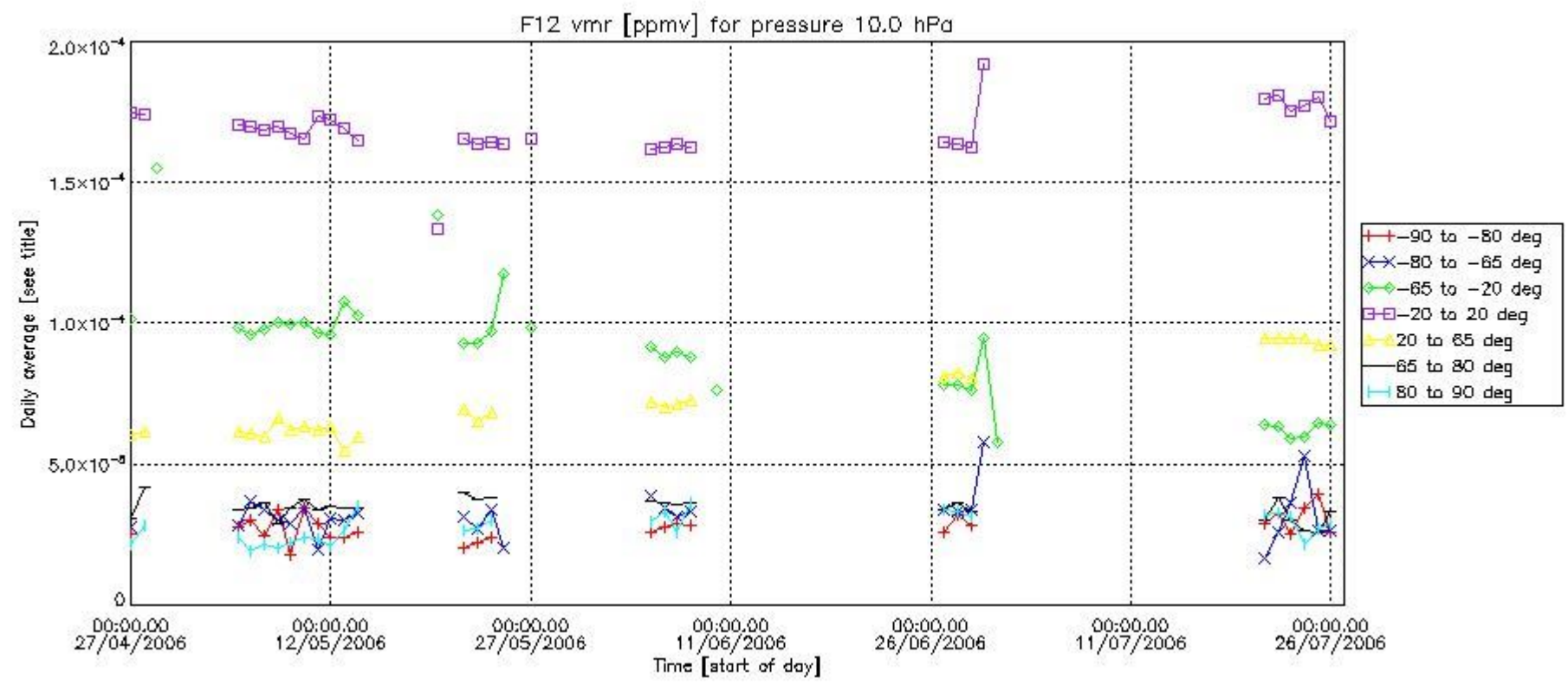
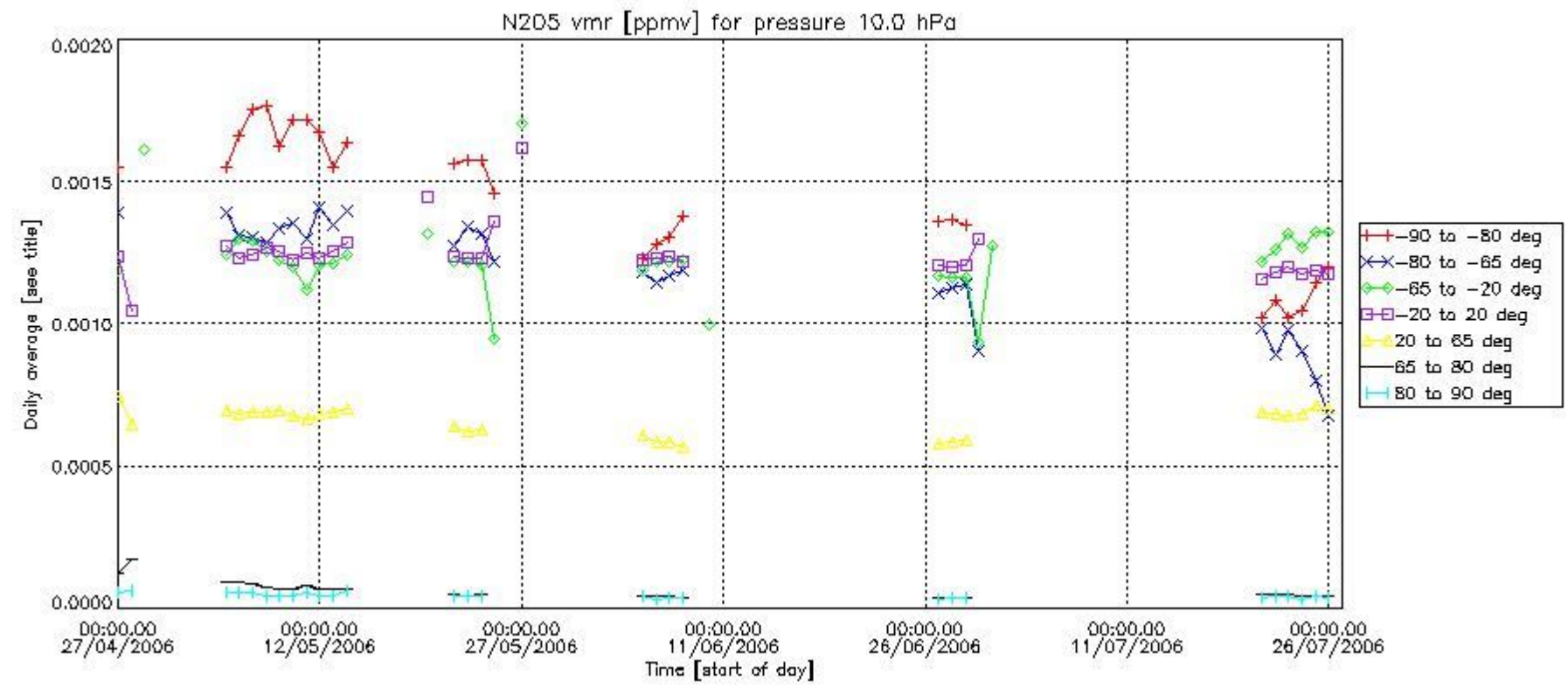


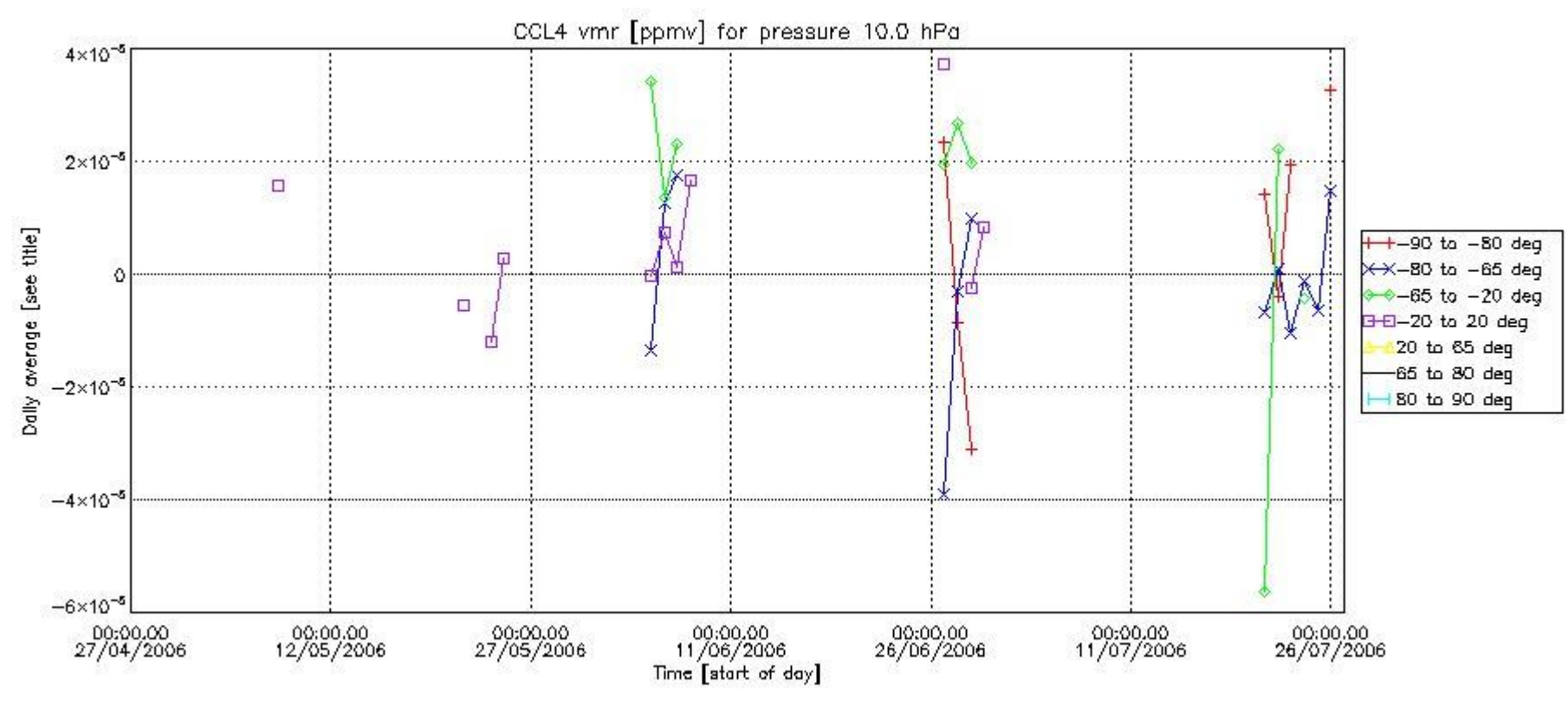
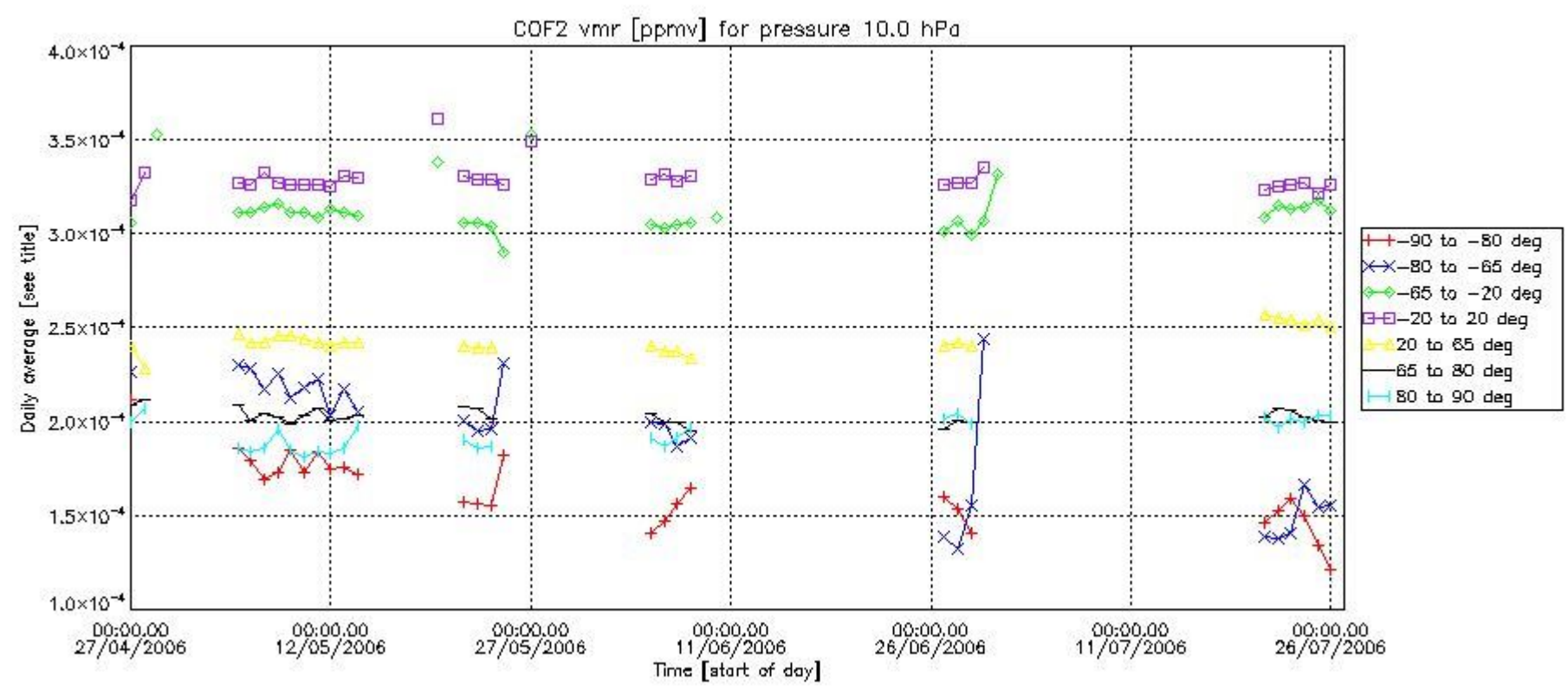


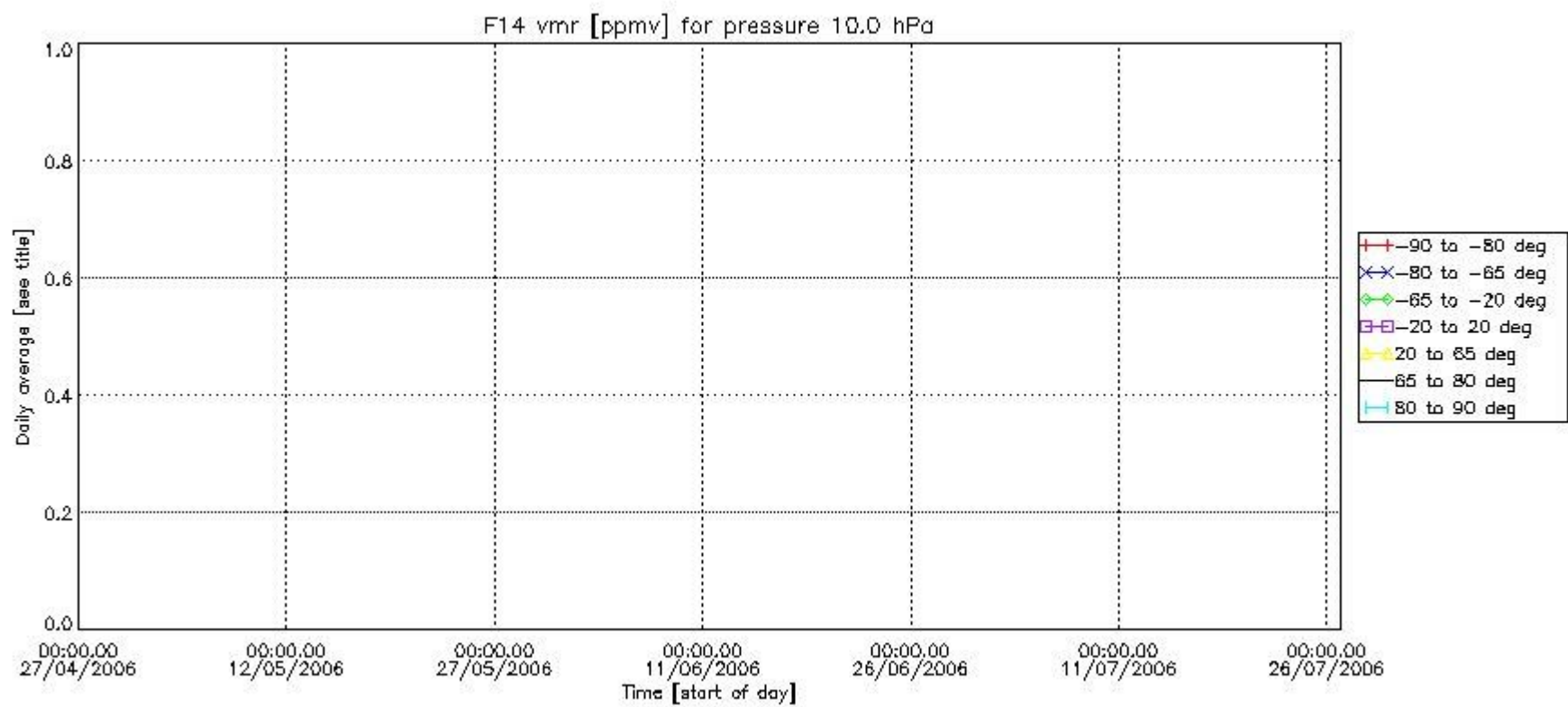
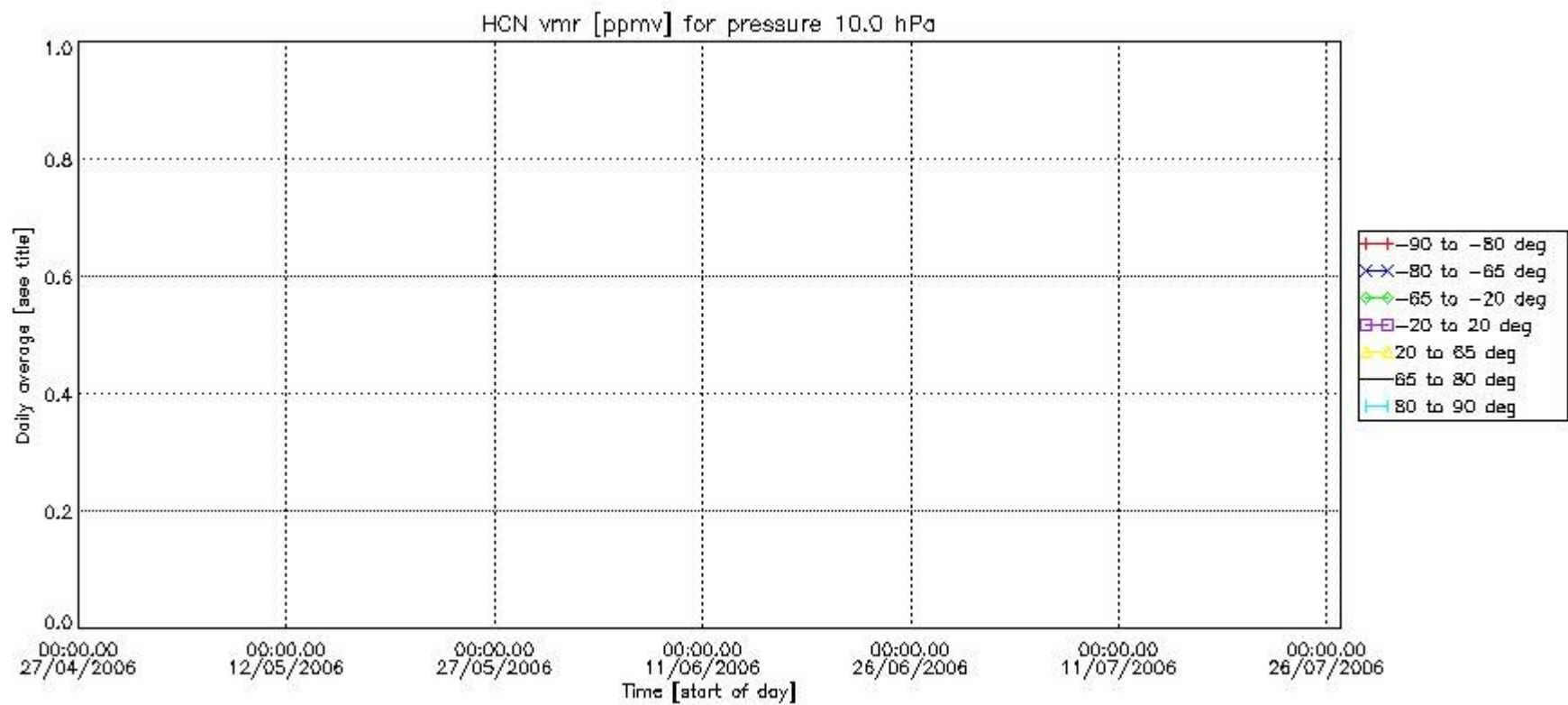


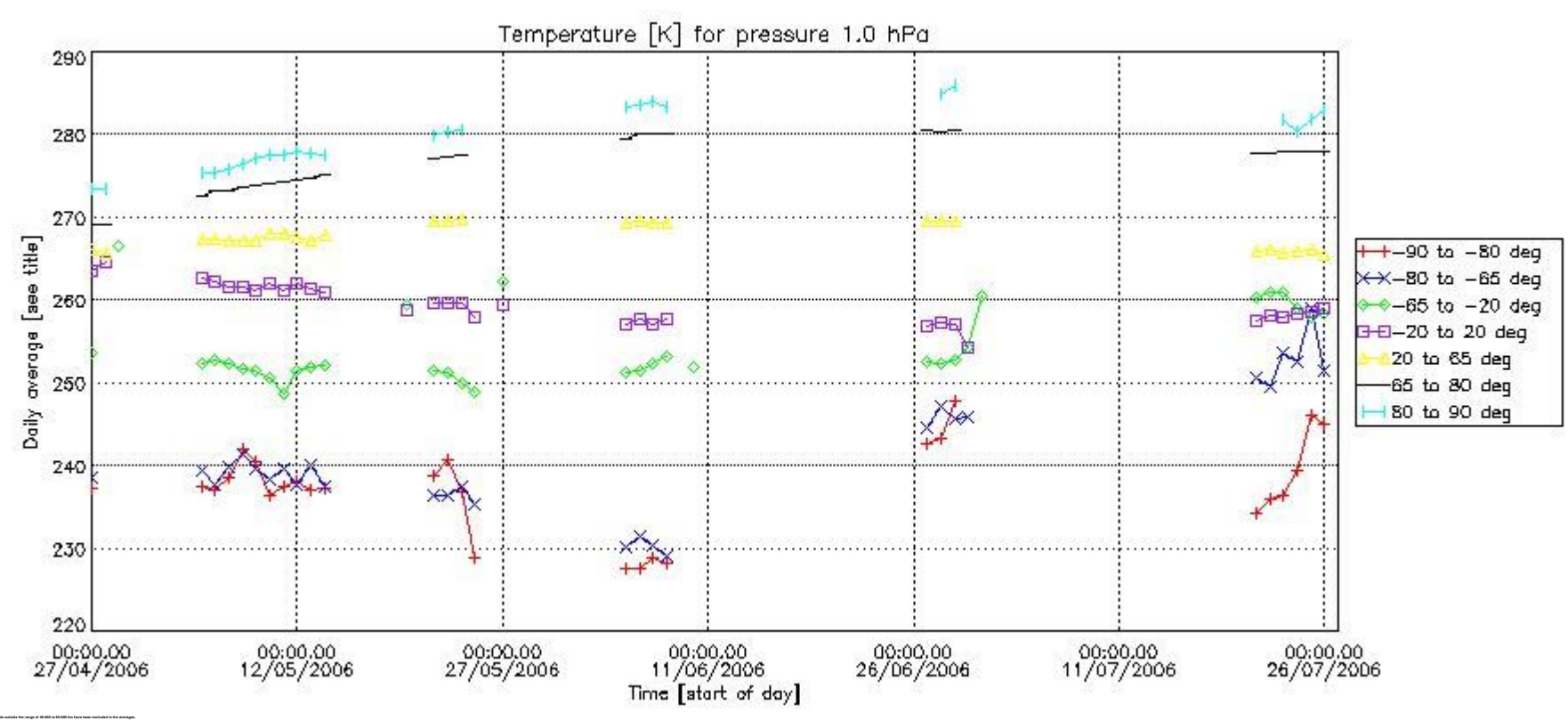
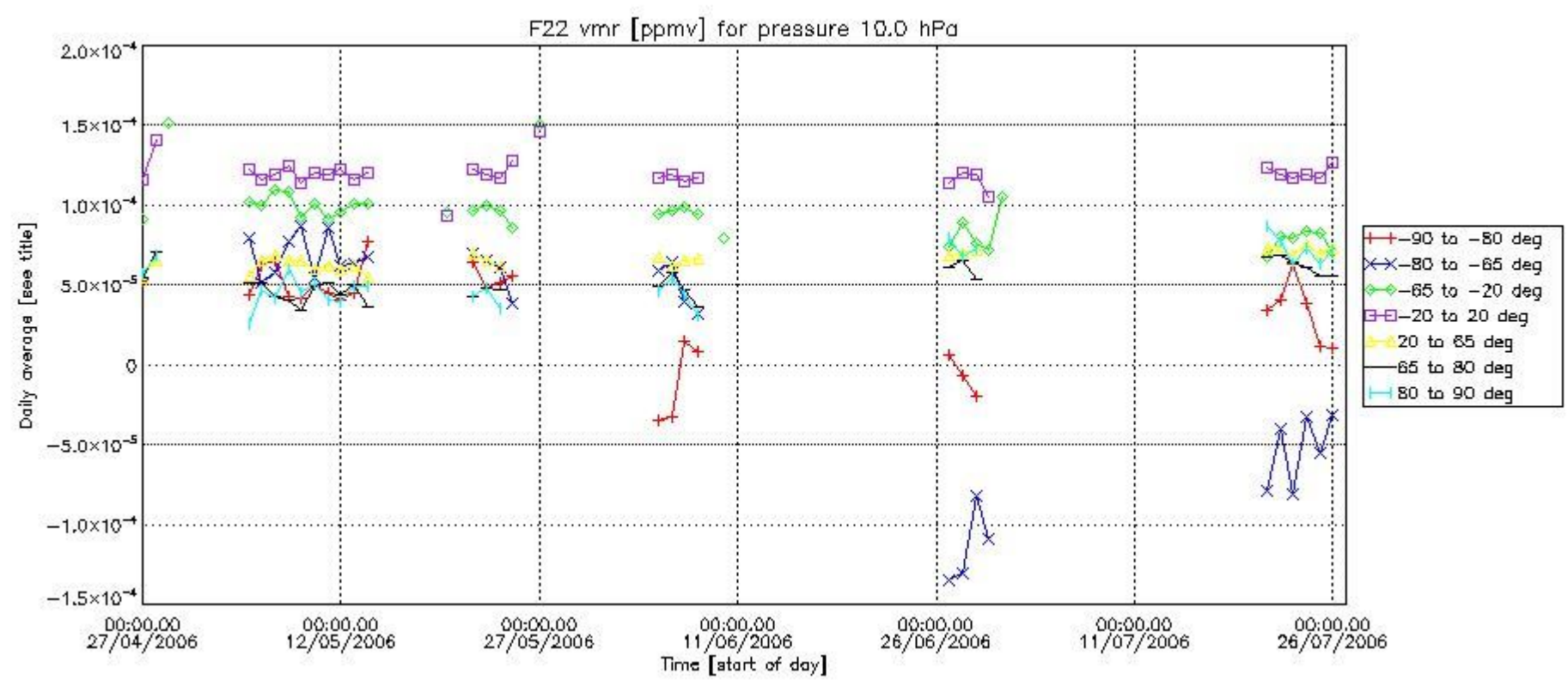


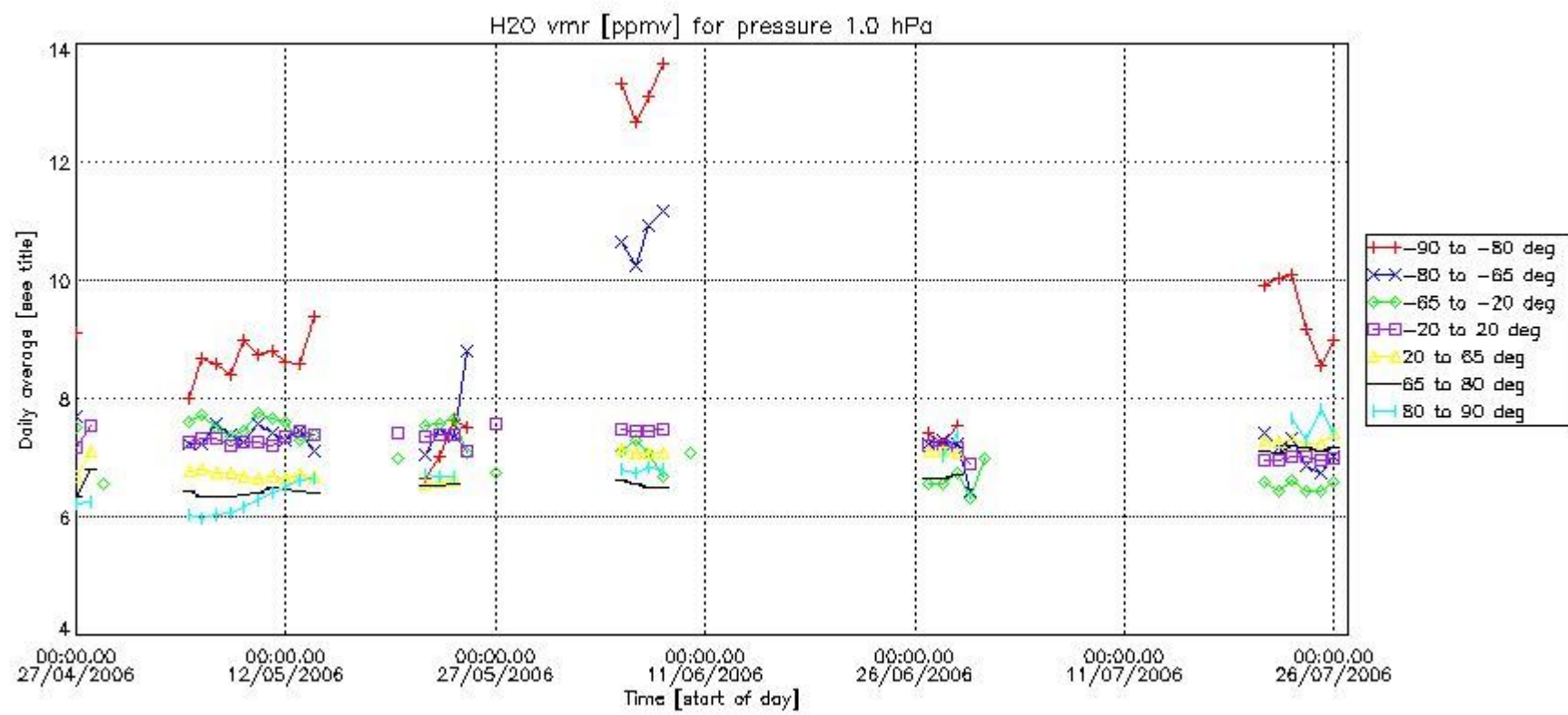
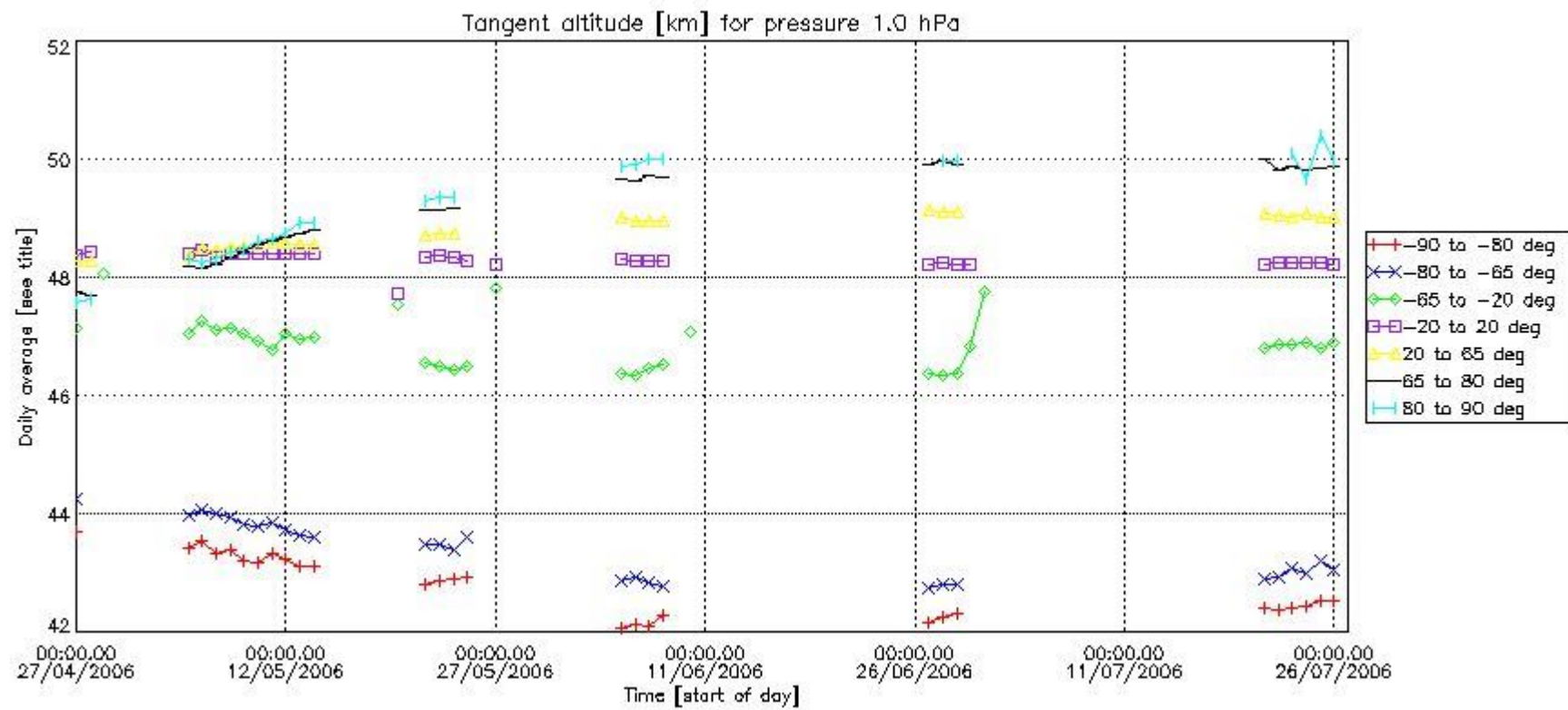


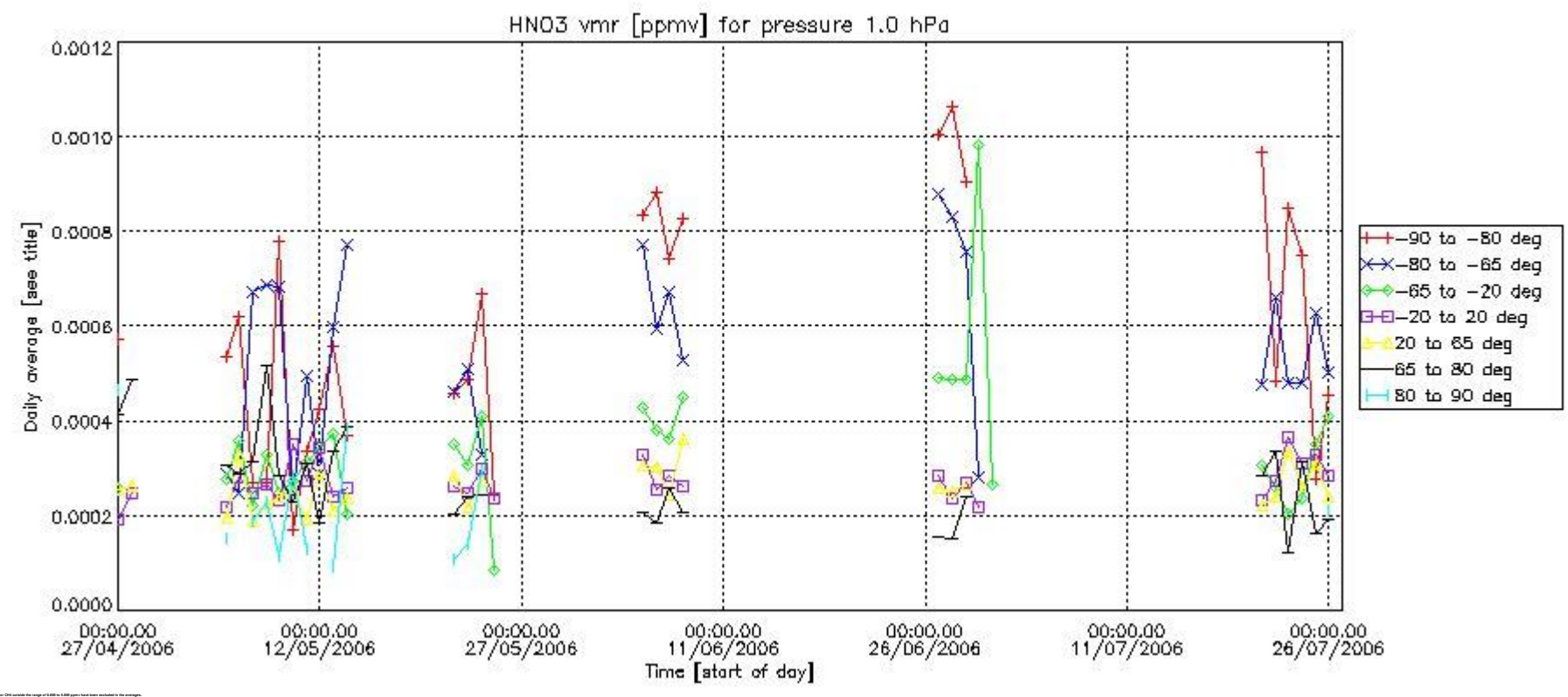
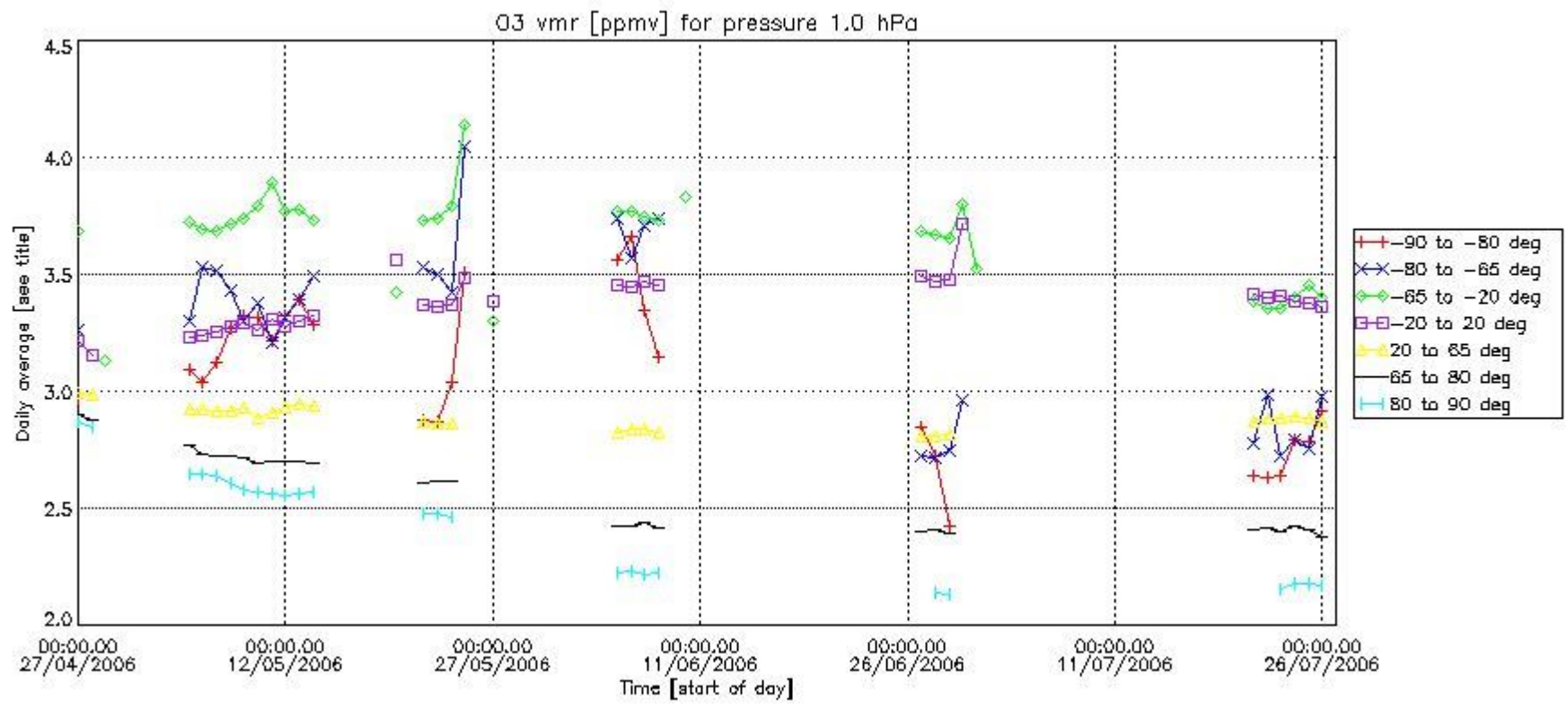


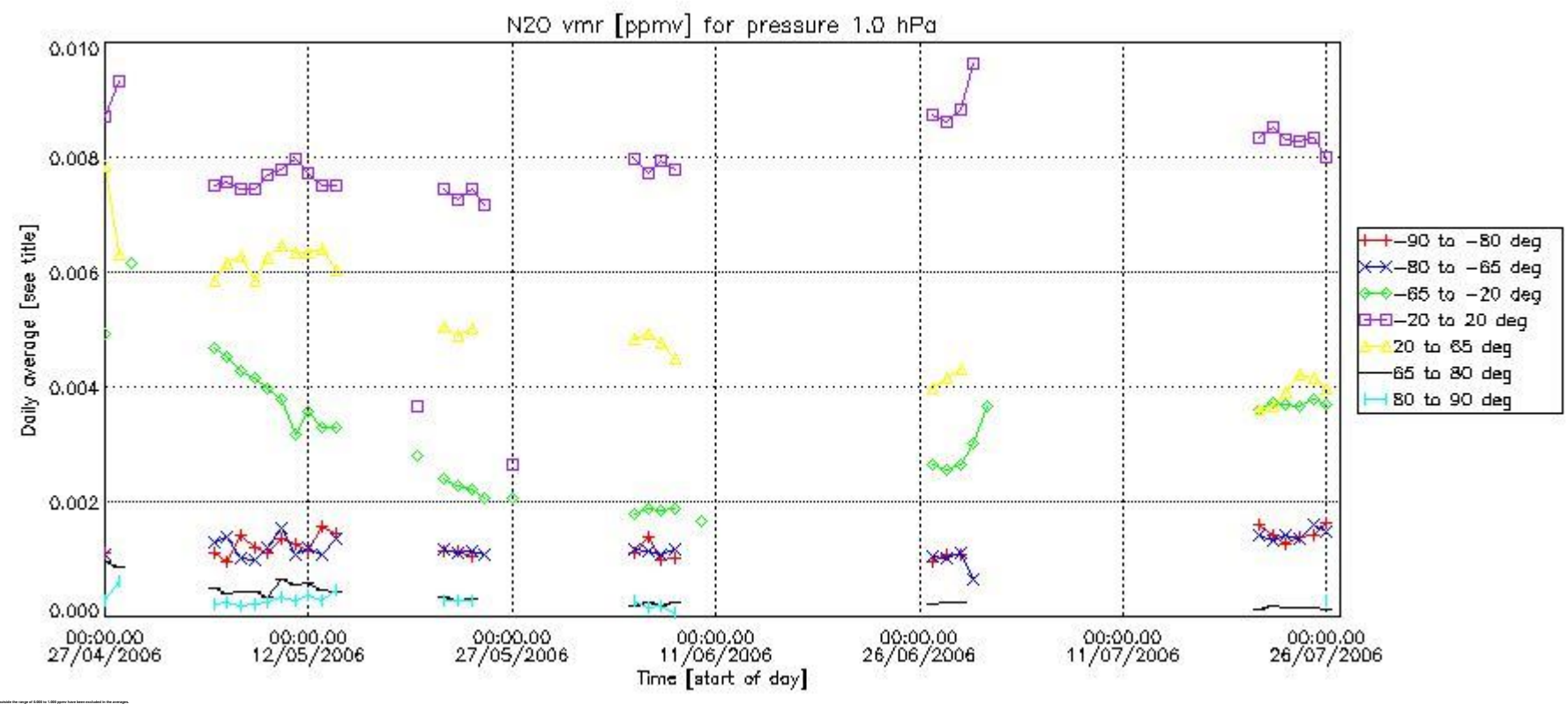
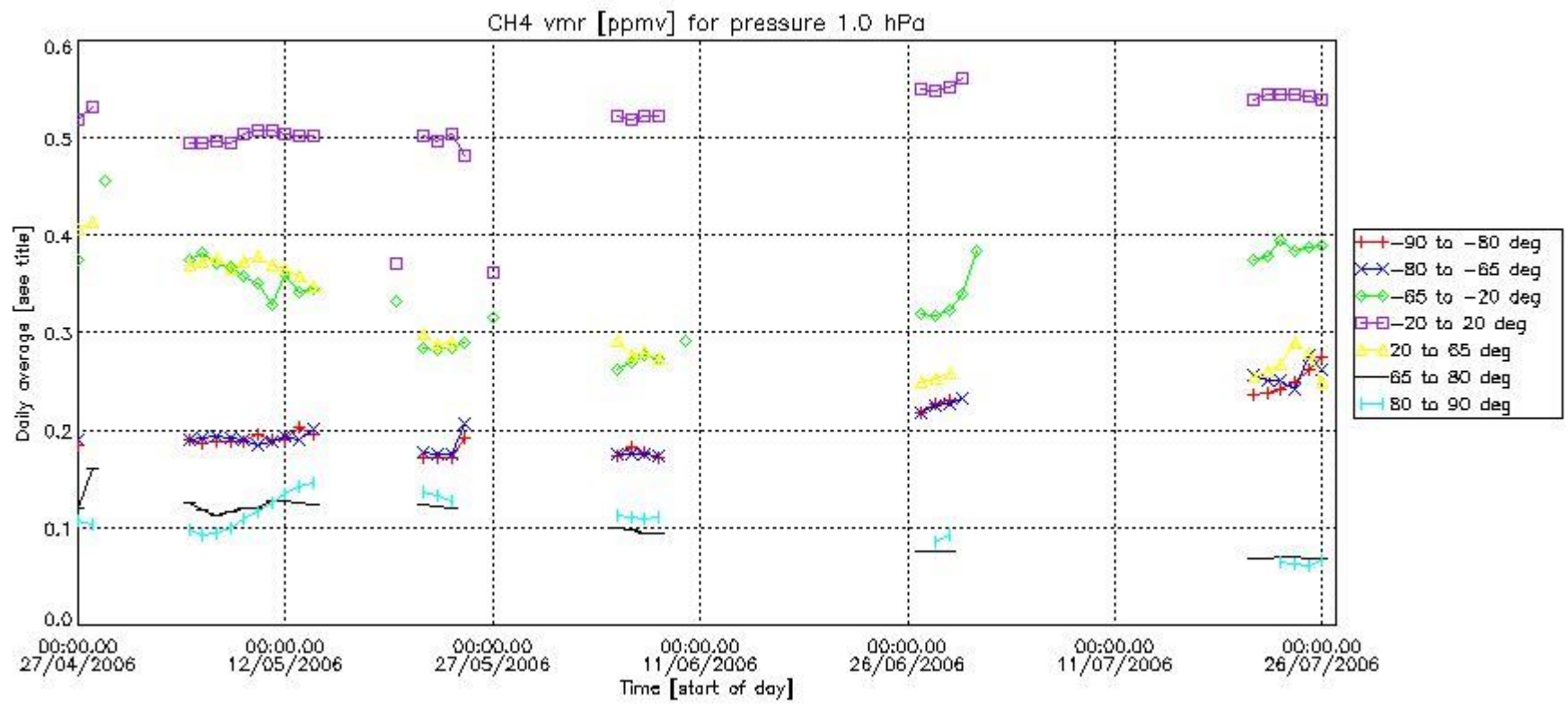


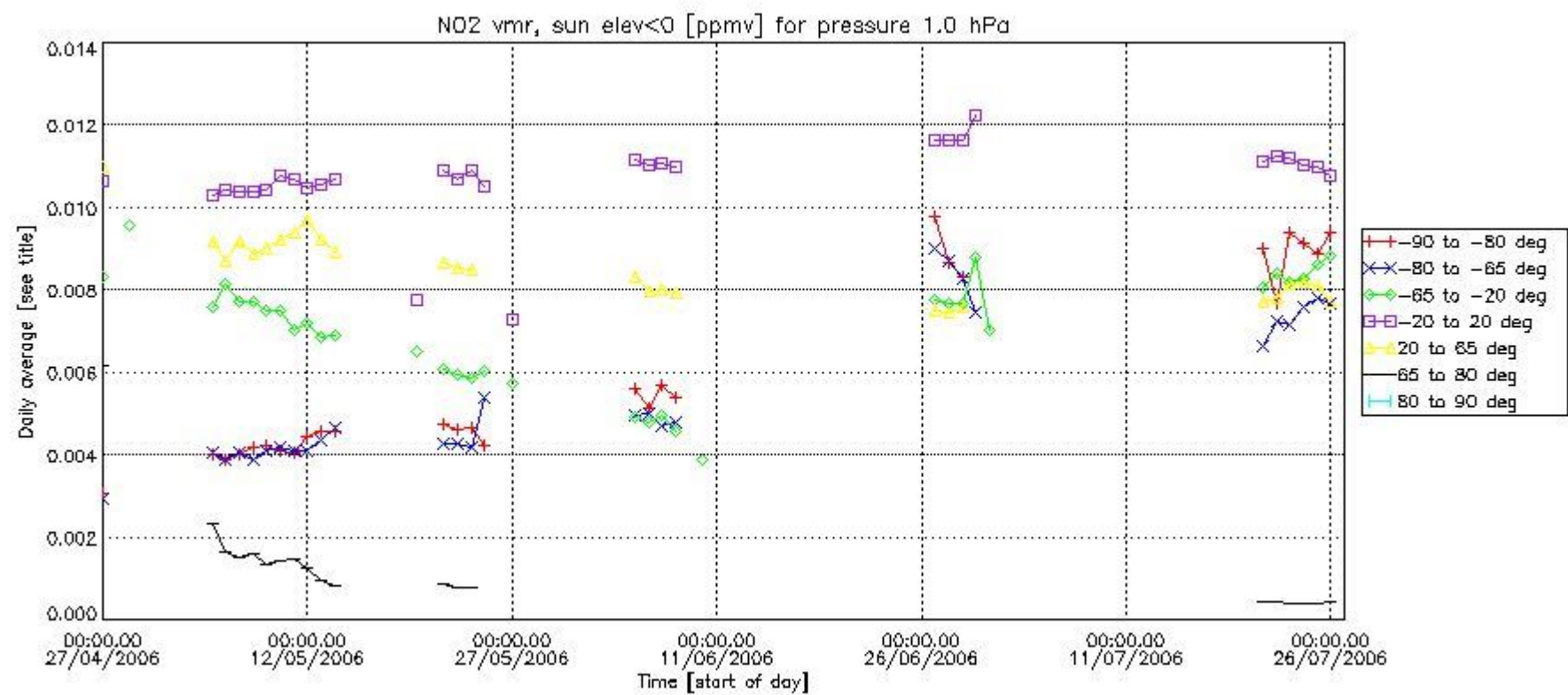
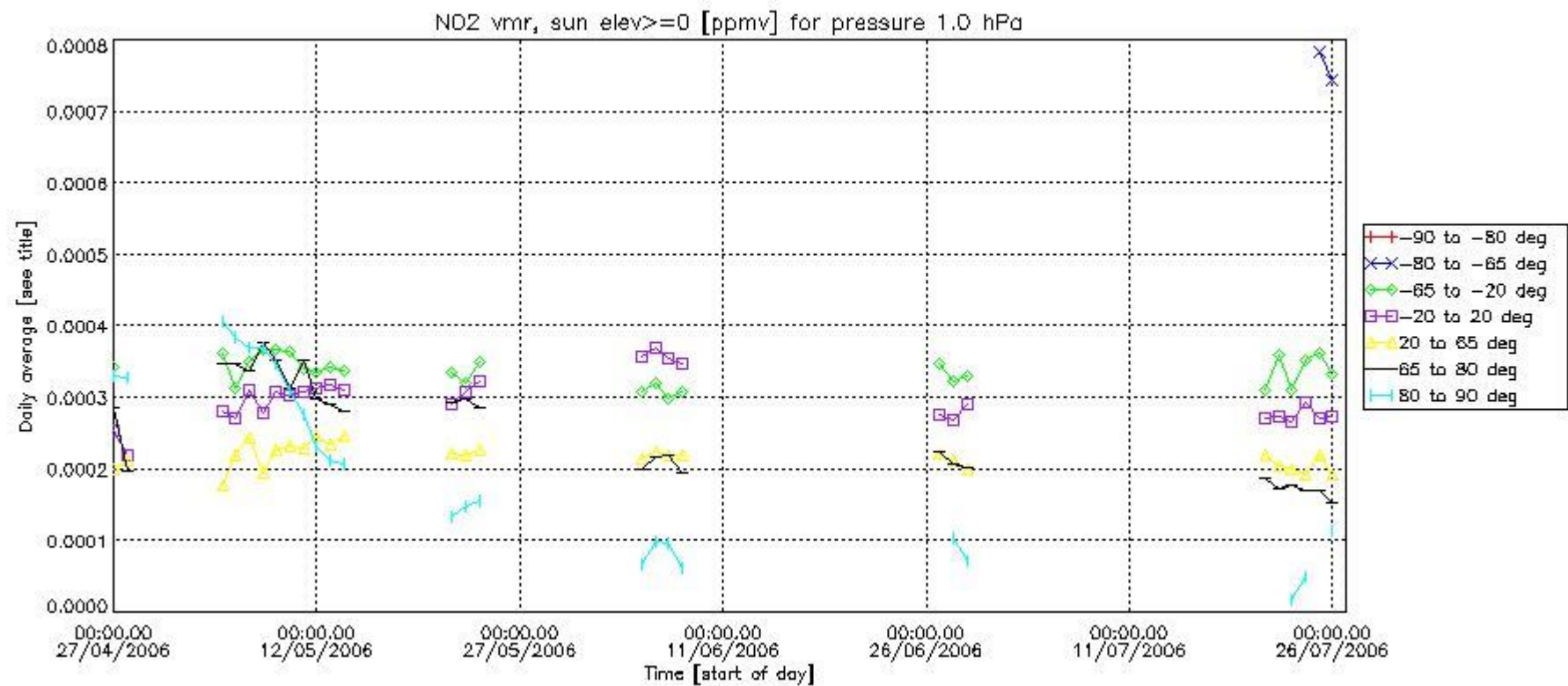




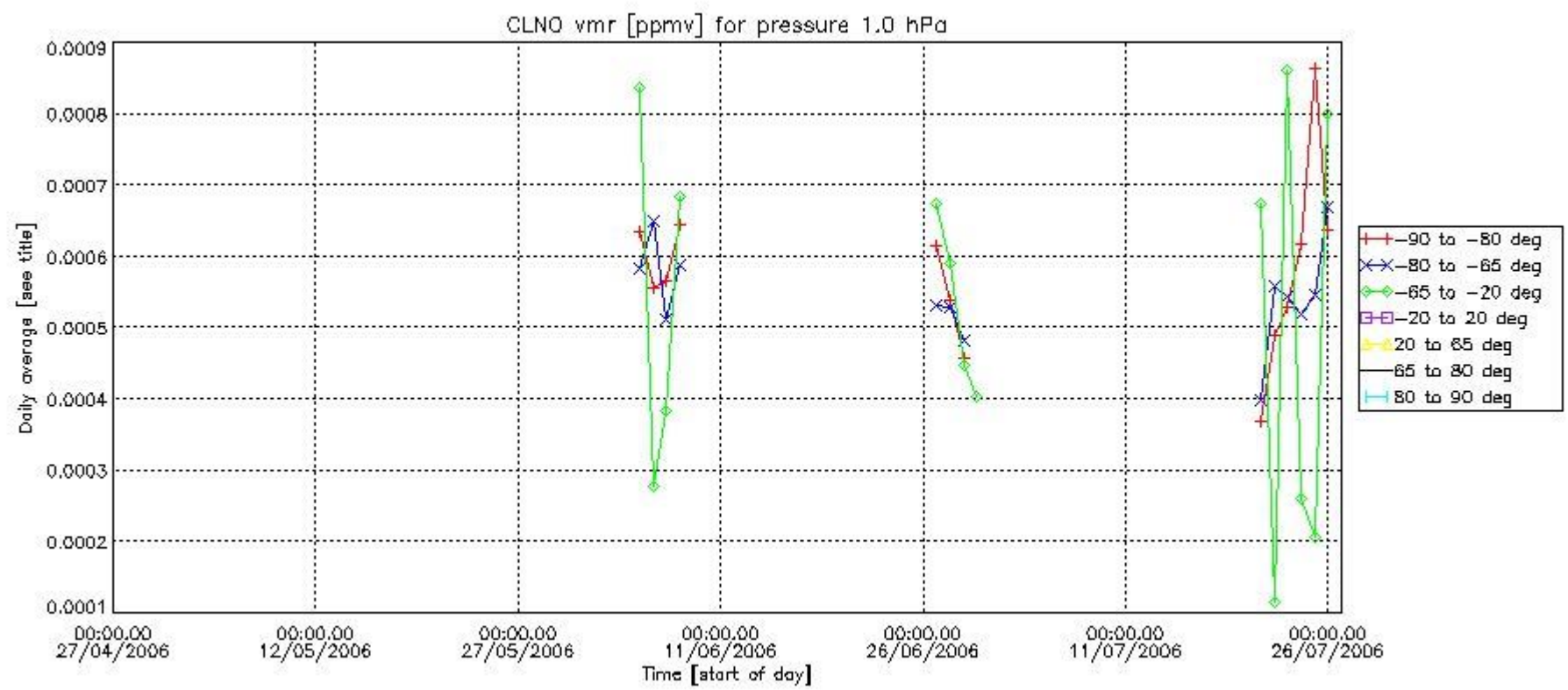
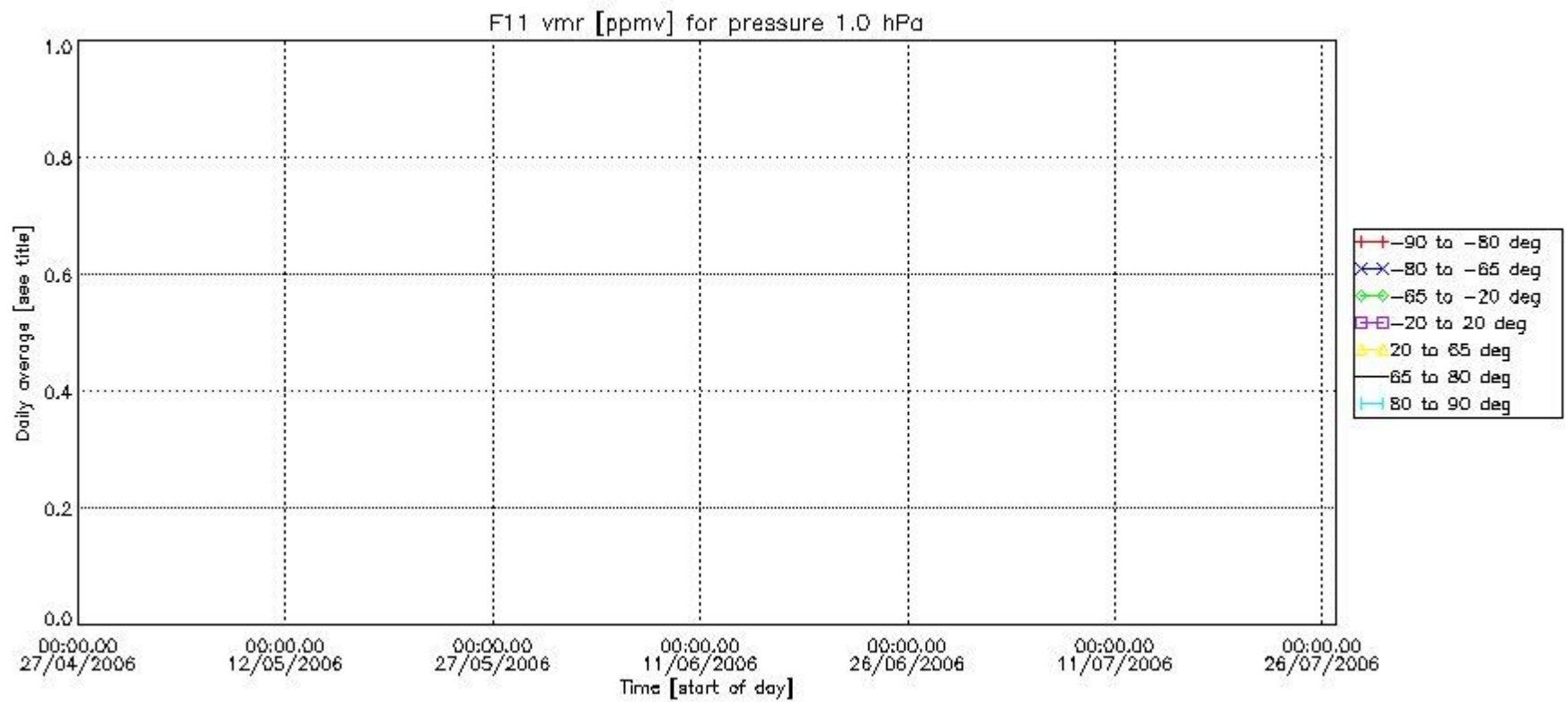


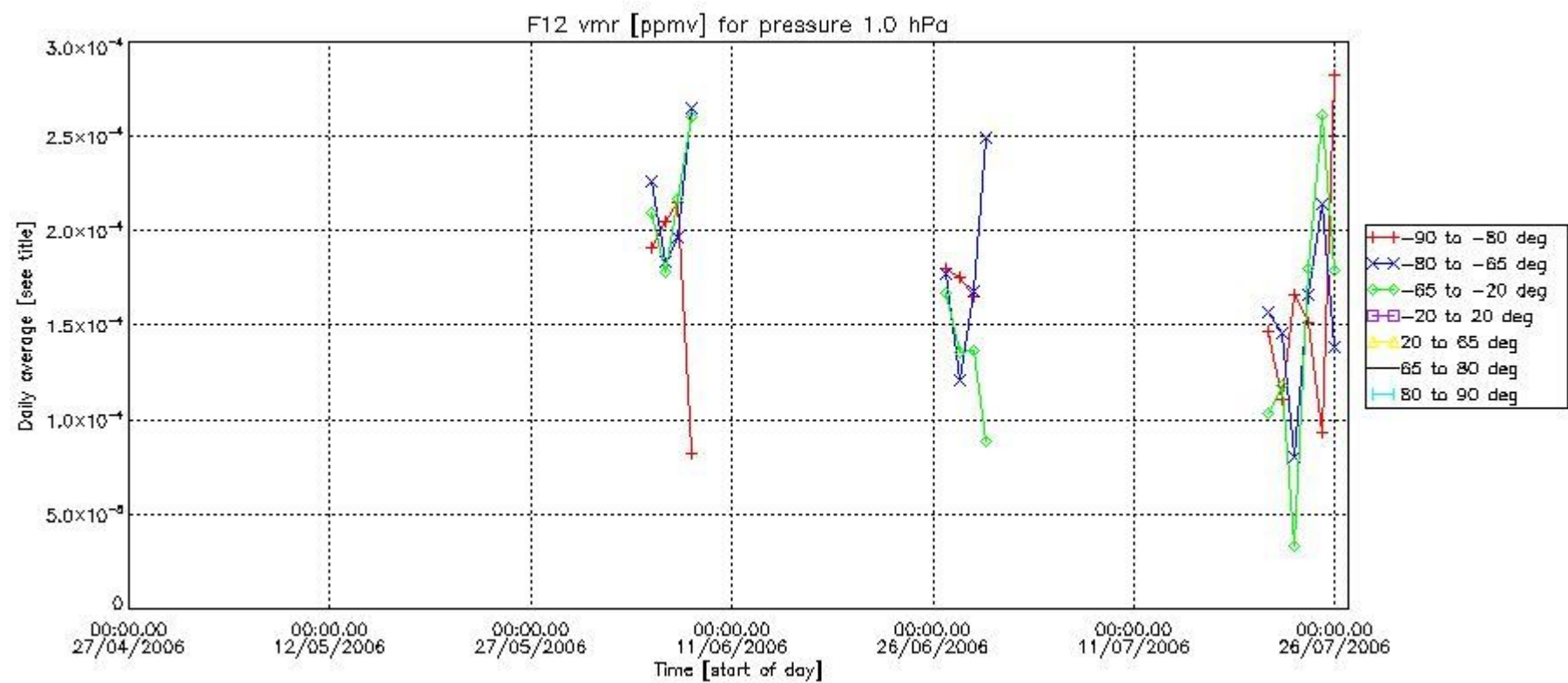
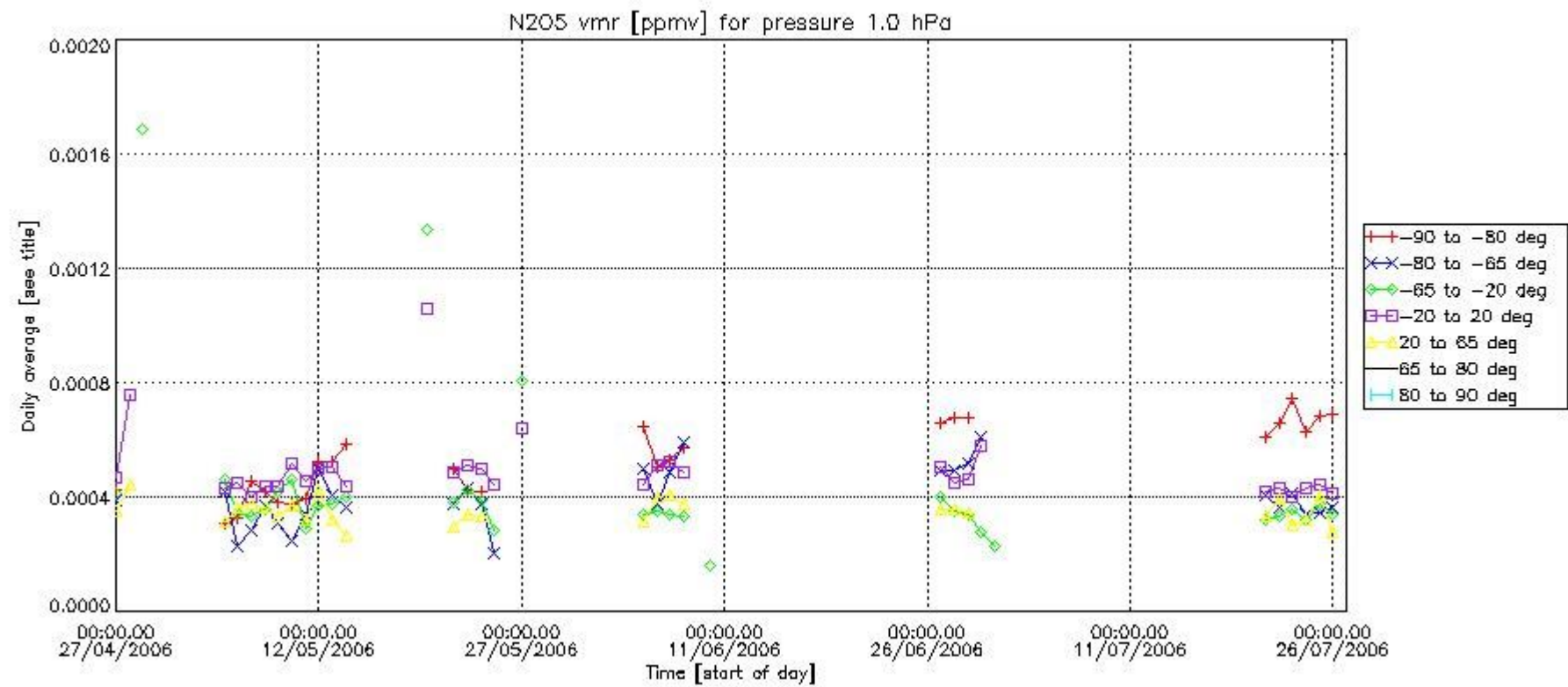


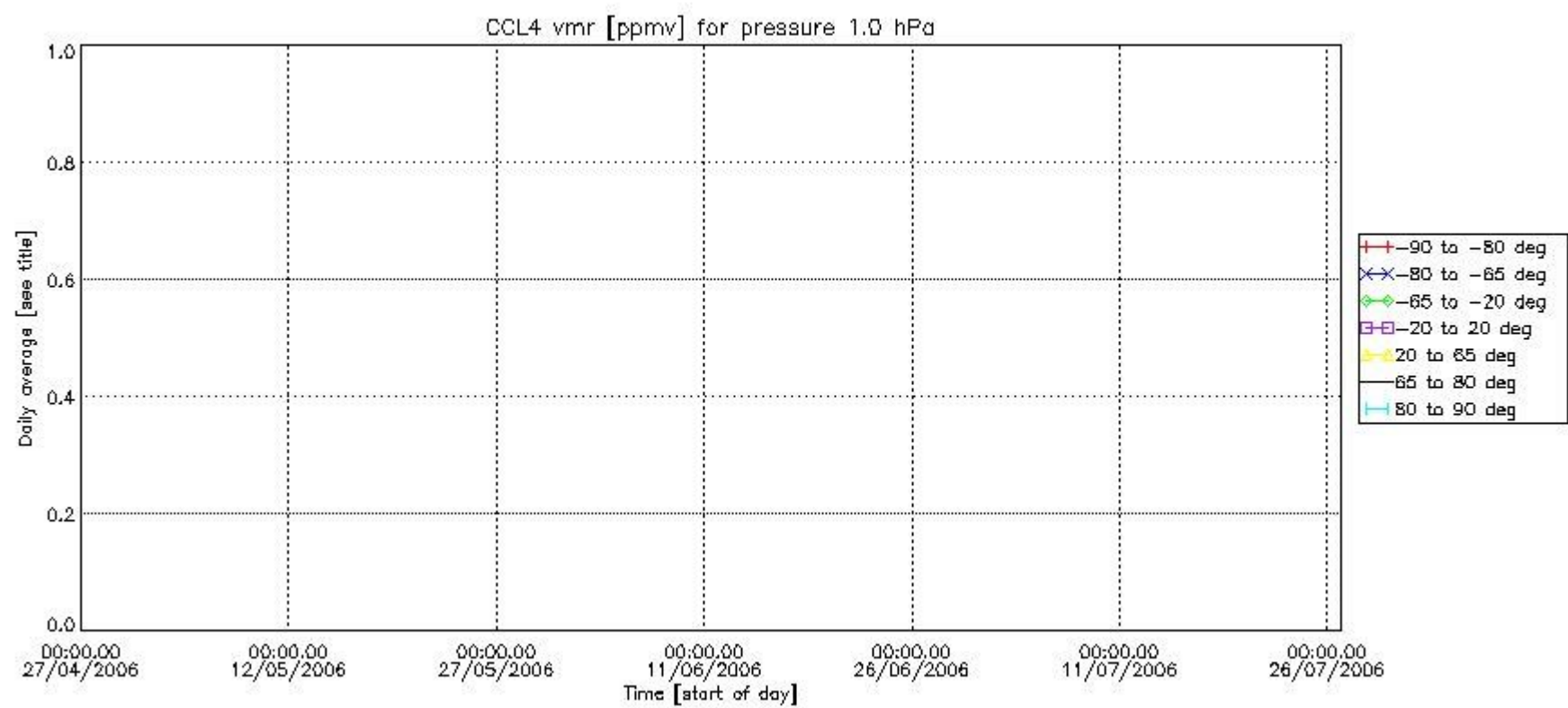
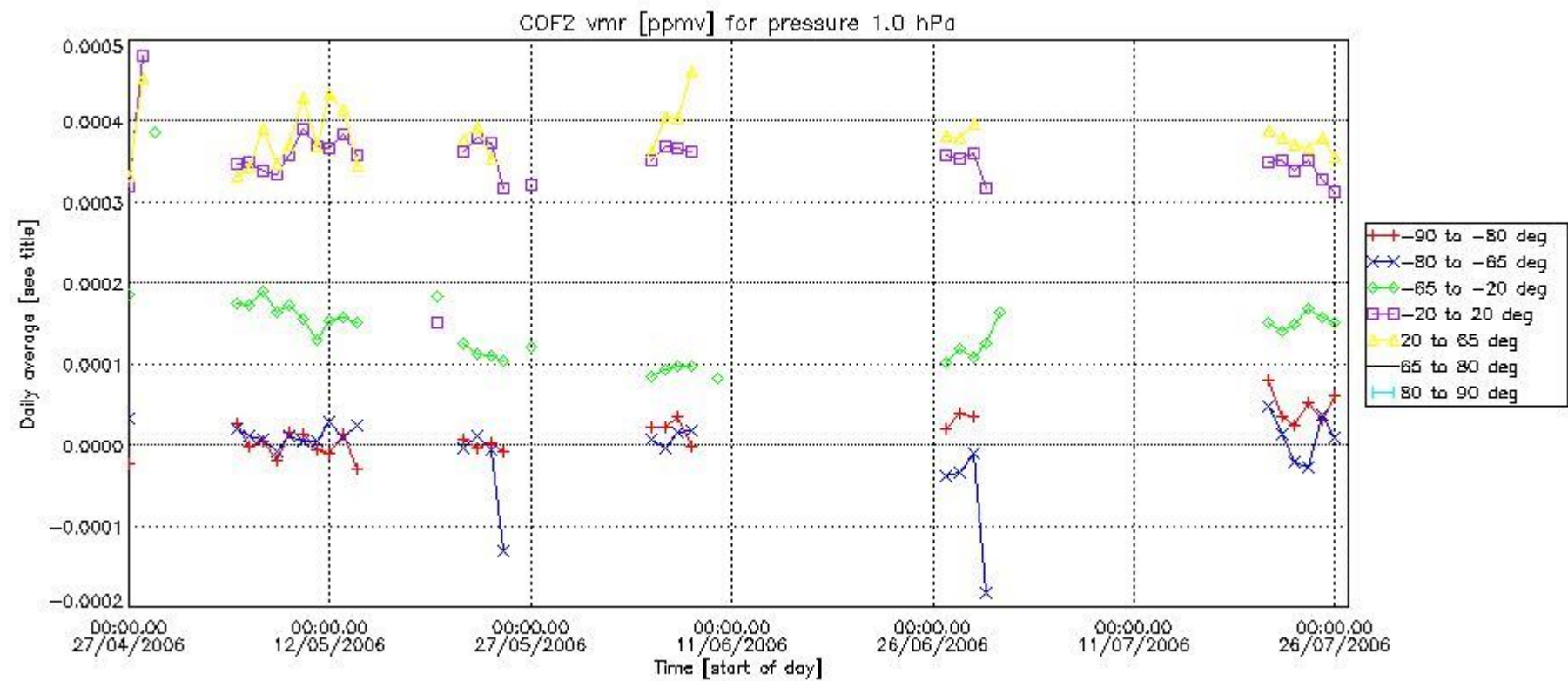


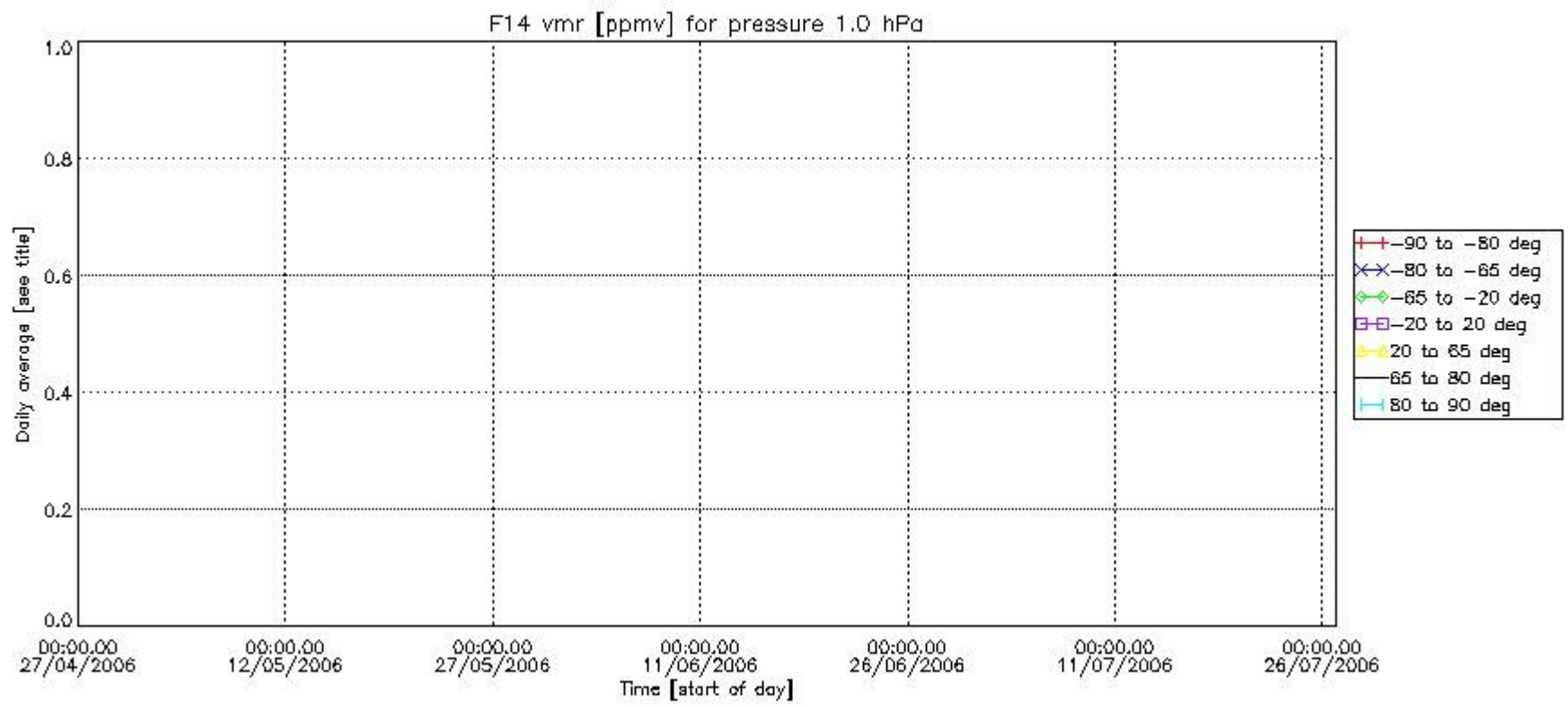
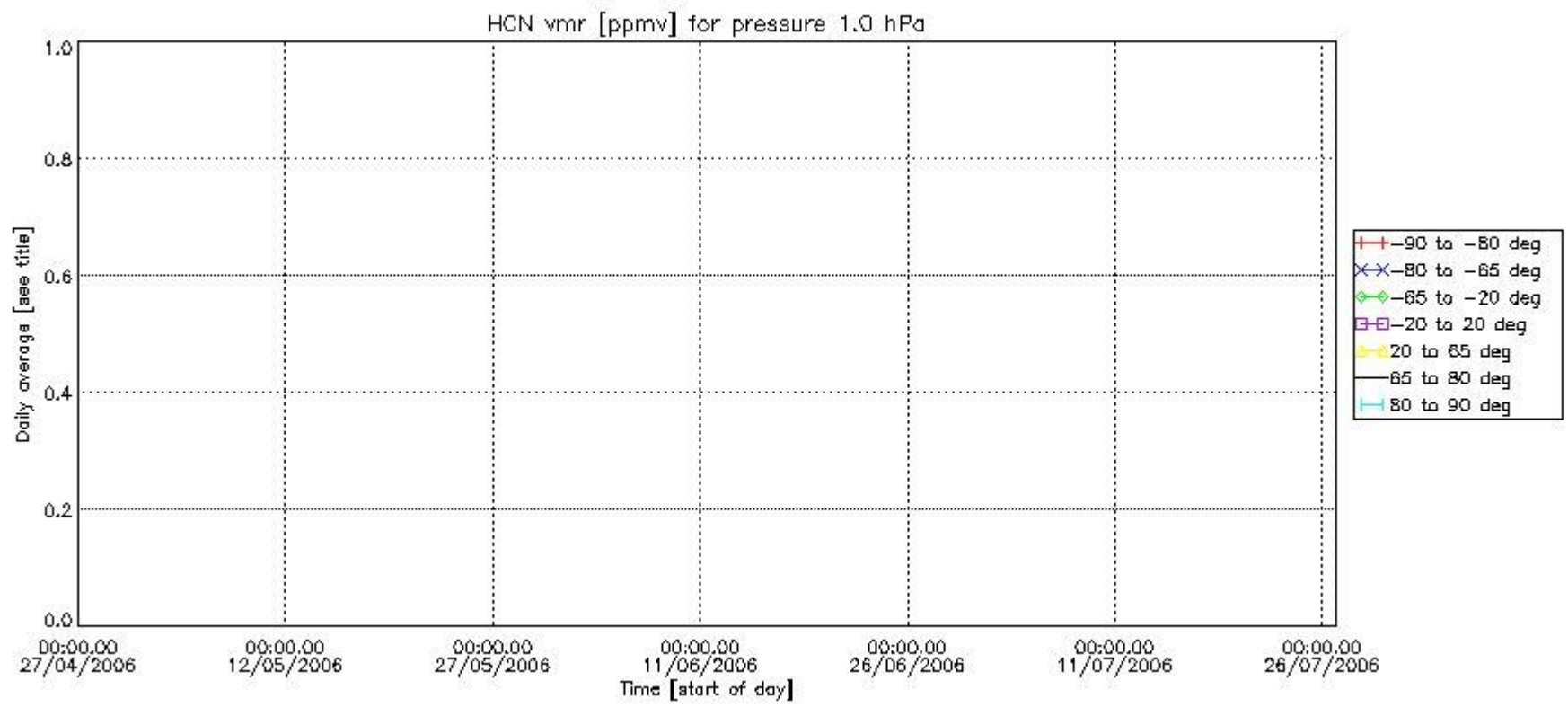


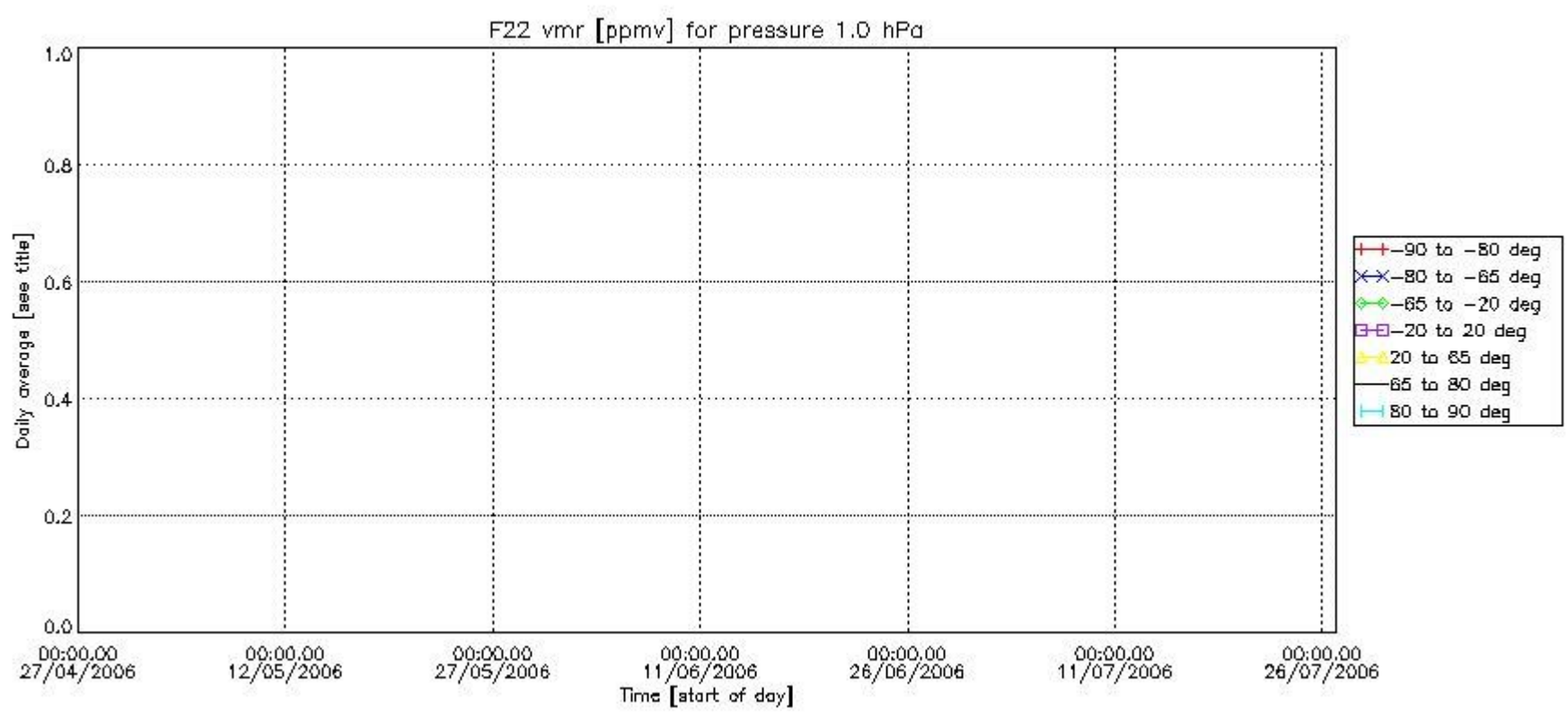












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

