

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060821.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 20:24:24
Data source version	ML2PP/7.03-W
Processing scope for products	21AUG2006 00:00:00 to 22AUG2006 00:00:00
Start time of first product within scope	20AUG2006 23:11:49
Stop time of last product within scope	22AUG2006 00:20:42
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_2PWDSI20060820_231149_000050402050_00288_23388_1000.N1	20AUG2006 23:11:49	21AUG2006 00:35:50	0	111/111	VMR_TERM_MACRO_MICRO[CLNO/micro:1; F14/micro:1]
1	MIP_NL_2PWDSI20060821_071305_000012532050_00292_23392_1000.N1	21AUG2006 07:13:05	21AUG2006 07:33:59	0	24/24	VMR_TERM_MACRO_MICRO[CLNO/micro:1; HCN/micro:1]
2	MIP_NL_2PWDSI20060821_073449_000060302050_00293_23393_1000.N1	21AUG2006 07:34:49	21AUG2006 09:15:19	0	109/109	
3	MIP_NL_2PWDSI20060821_091525_000060302050_00294_23394_1000.N1	21AUG2006 09:15:25	21AUG2006 10:55:54	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:3; CLNO/micro:1; HCN/micro:1]
4	MIP_NL_2PWDSI20060821_105601_000050402050_00295_23395_1000.N1	21AUG2006 10:56:01	21AUG2006 12:20:01	0	111/111	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:2; NO2/micro:1; CLNO/micro:2; HCN/micro:1]
5	MIP_NL_2PWDSI20060821_203753_000012532050_00300_23400_1000.N1	21AUG2006 20:37:53	21AUG2006 20:58:46	0	24/24	
6	MIP_NL_2PWDSI20060821_205936_000060302050_00301_23401_1000.N1	21AUG2006 20:59:36	21AUG2006 22:40:06	0	126/126	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; CLNO/micro:2; HCN/micro:2]
7	MIP_NL_2PWDSI20060821_224012_000060302050_00302_23402_1000.N1	21AUG2006 22:40:12	22AUG2006 00:20:42	0	128/128	VMR_TERM_MACRO_MICRO[NO2/micro:1]

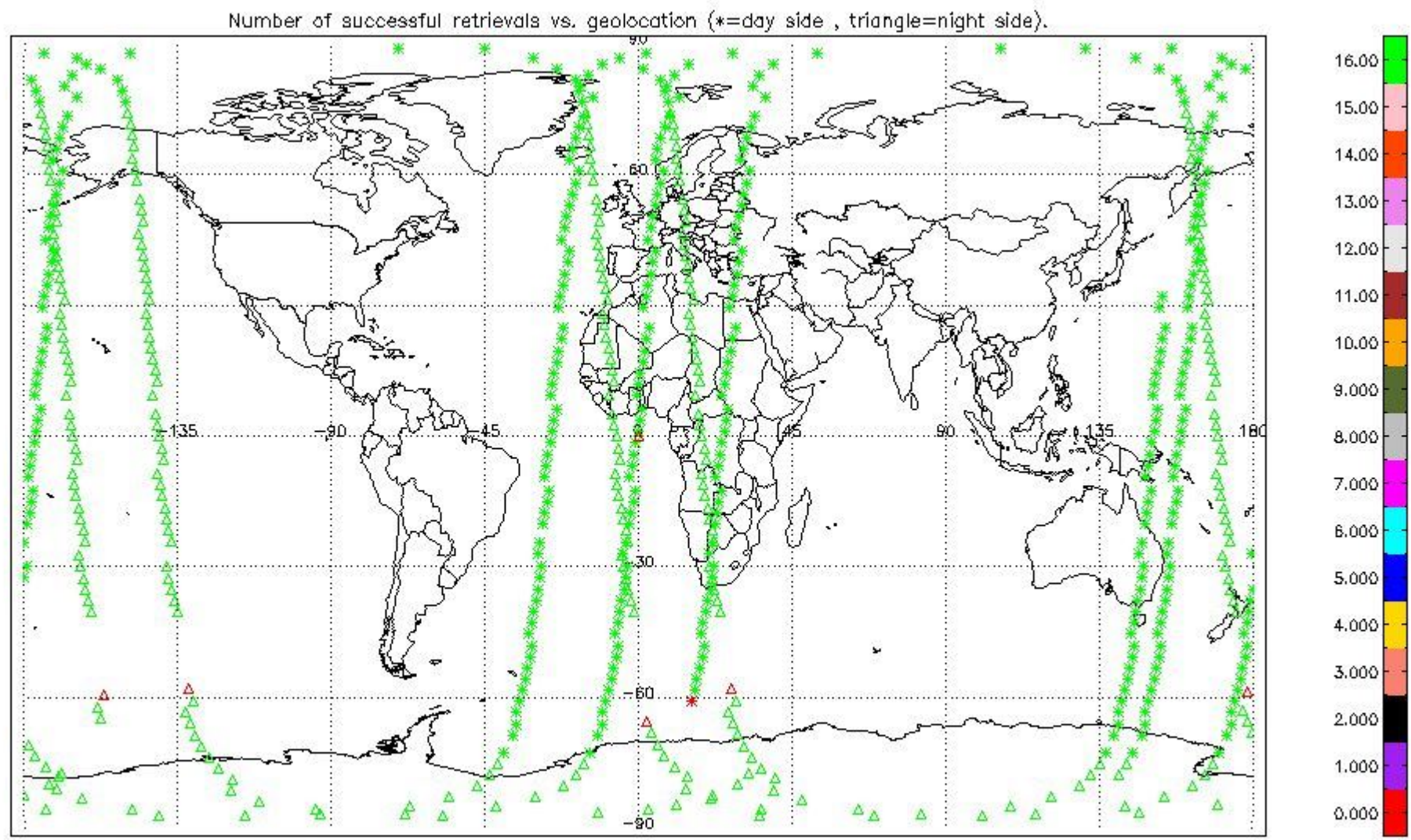
## 2.2 Processing performance indicators

### 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.

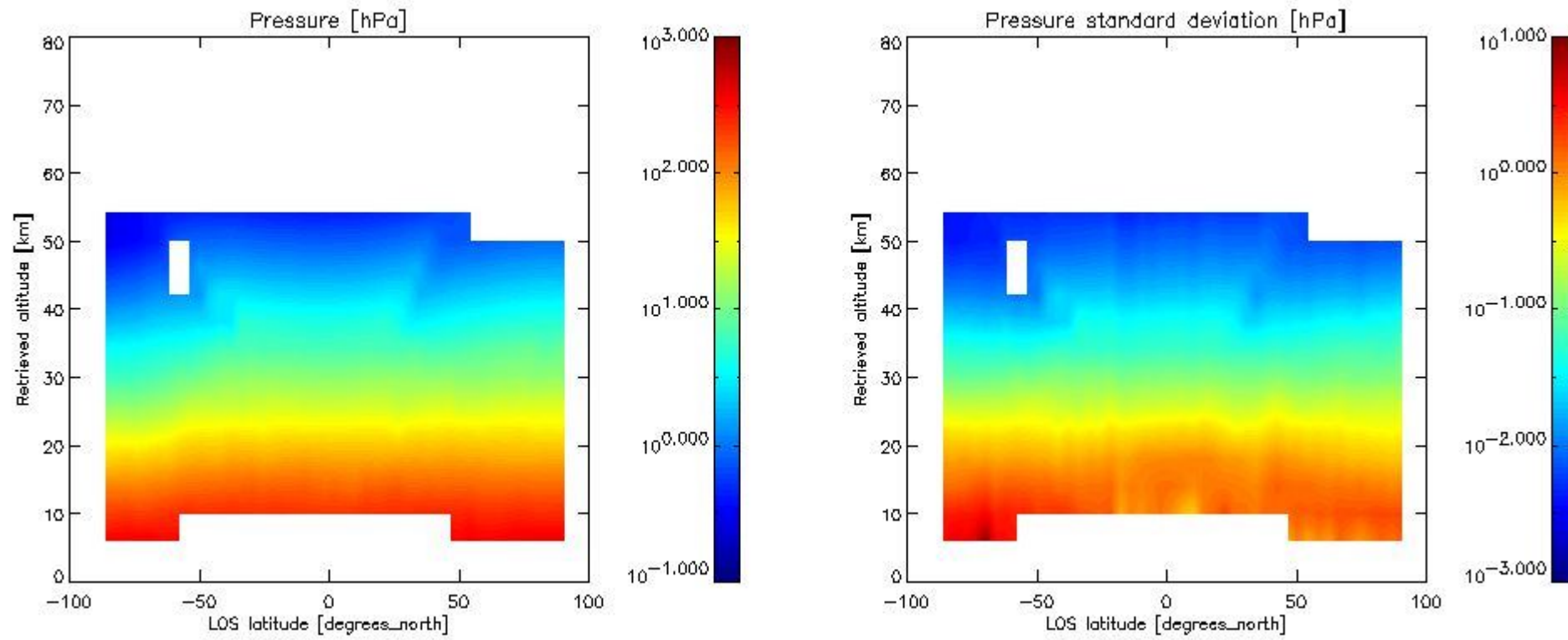
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	761	663	87.122
H2O	761	663	87.122

O3	761	663	87.122
HNO3	761	663	87.122
CH4	761	663	87.122
N2O	761	663	87.122
NO2	761	663	87.122
F11	761	663	87.122
CLNO	761	663	87.122
N2O5	761	663	87.122
F12	761	663	87.122
COF2	761	663	87.122
CCL4	761	663	87.122
HCN	761	663	87.122
F14	761	663	87.122
F22	761	663	87.122



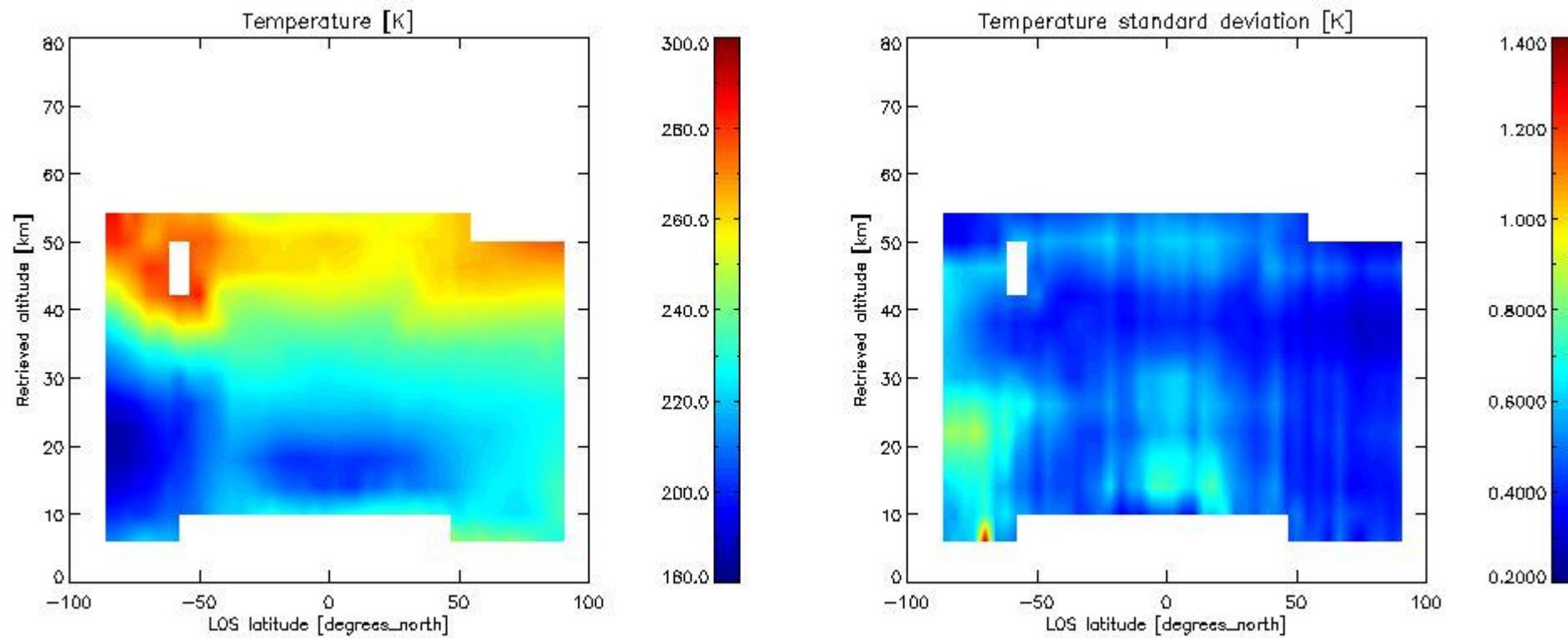
## 2.2.2 Pressure overview

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



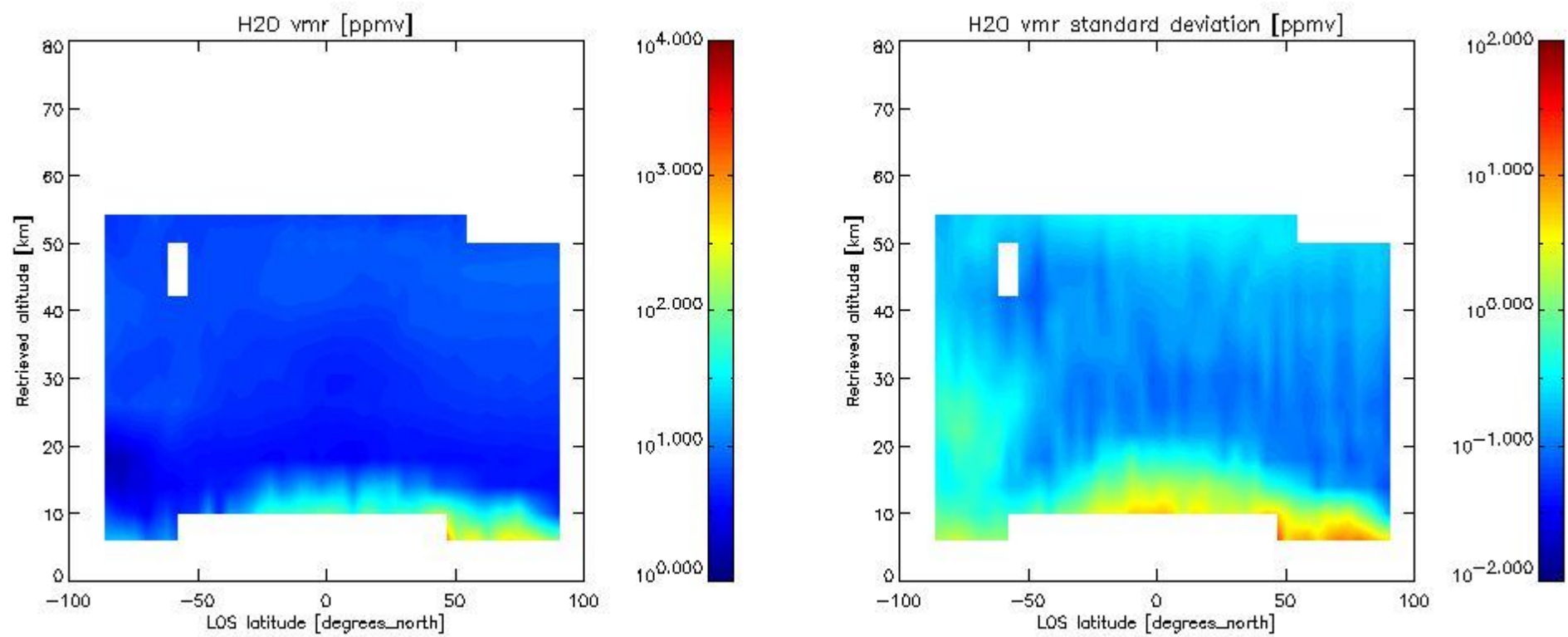
### 2.2.3 Temperature overview

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

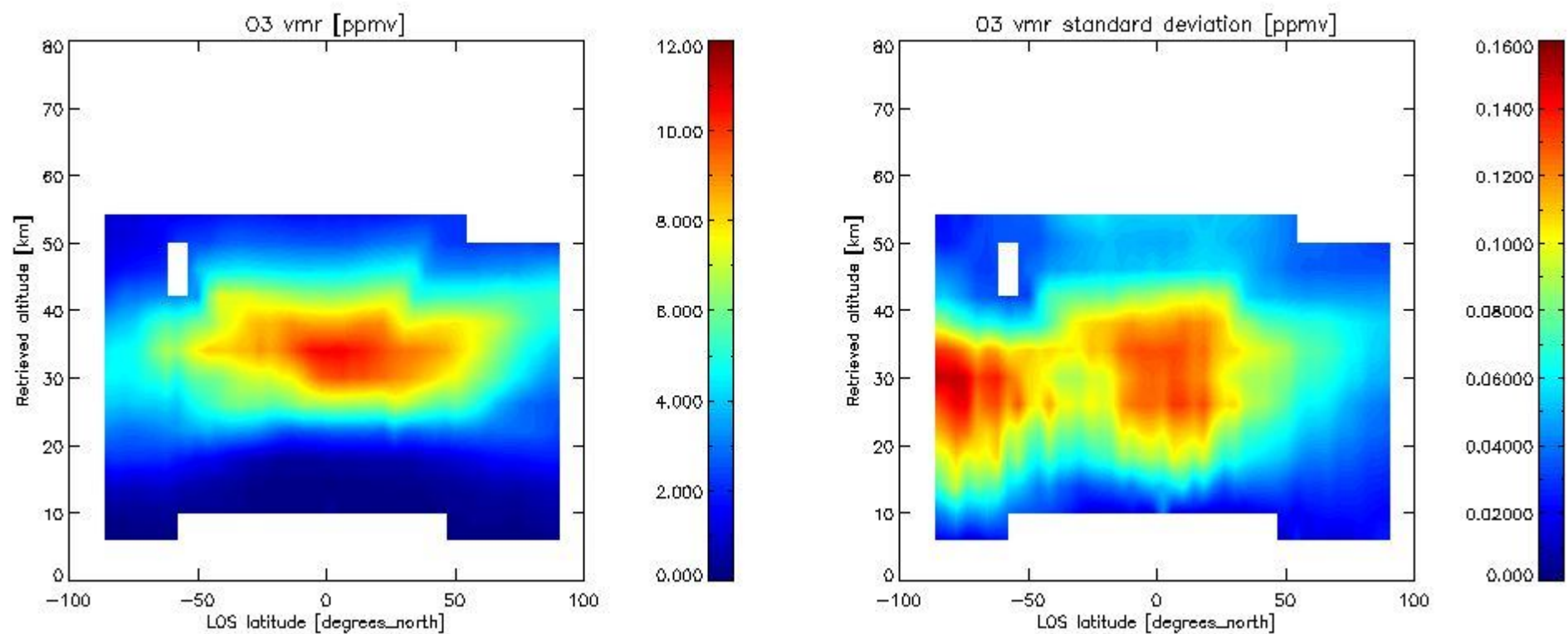


### 2.2.4 Species overview

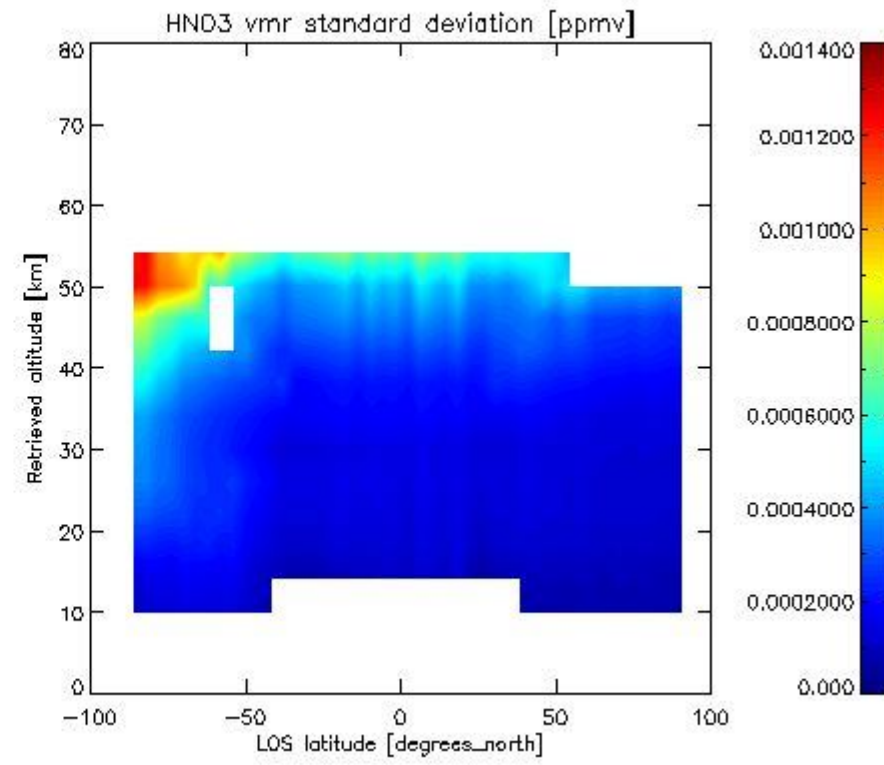
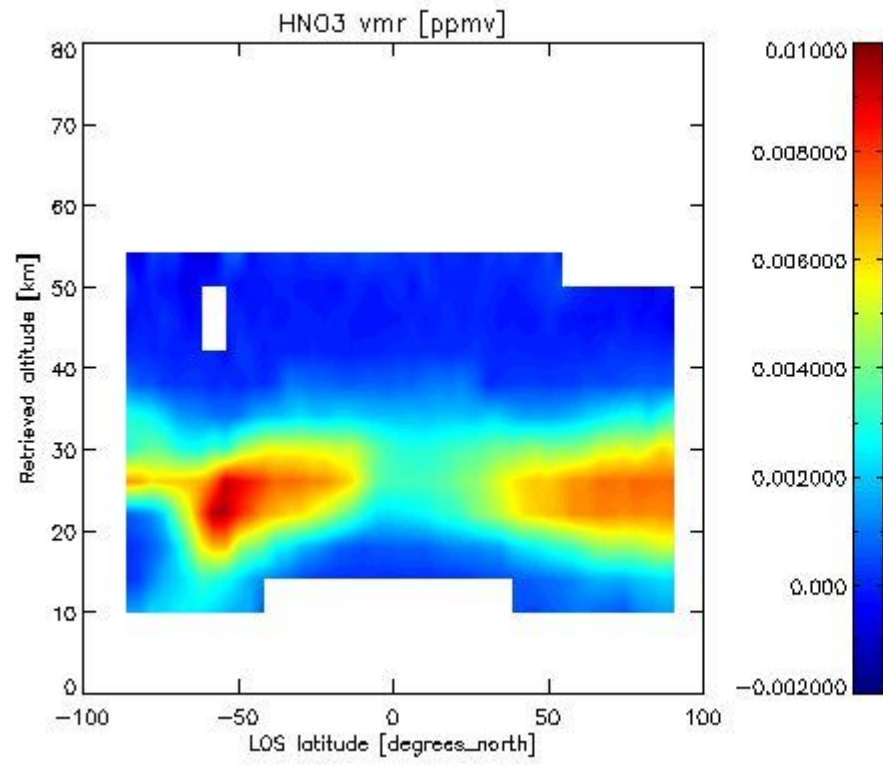
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



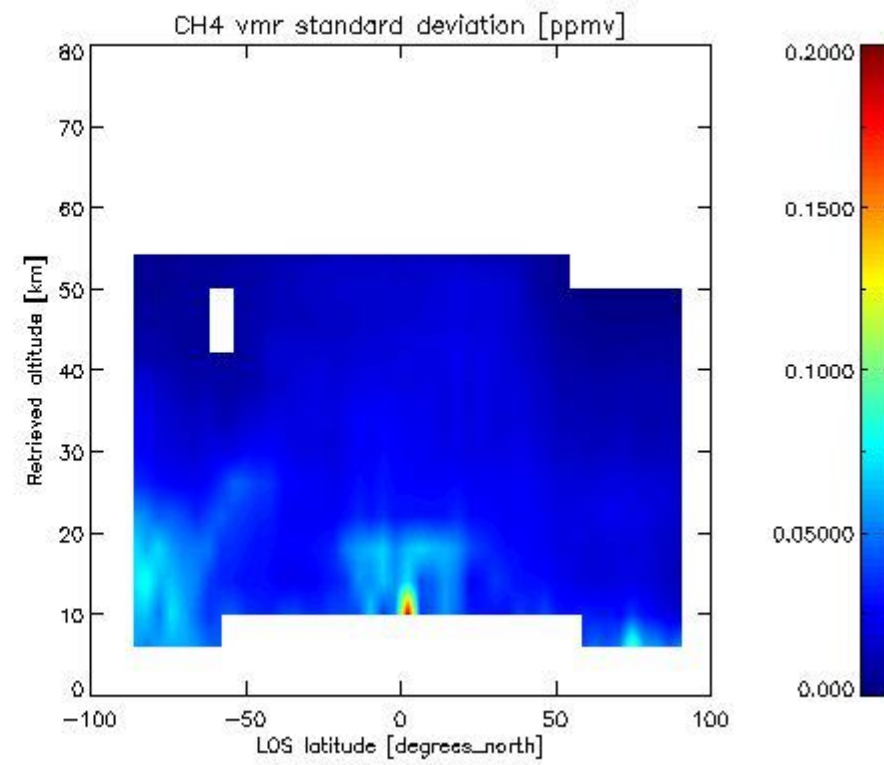
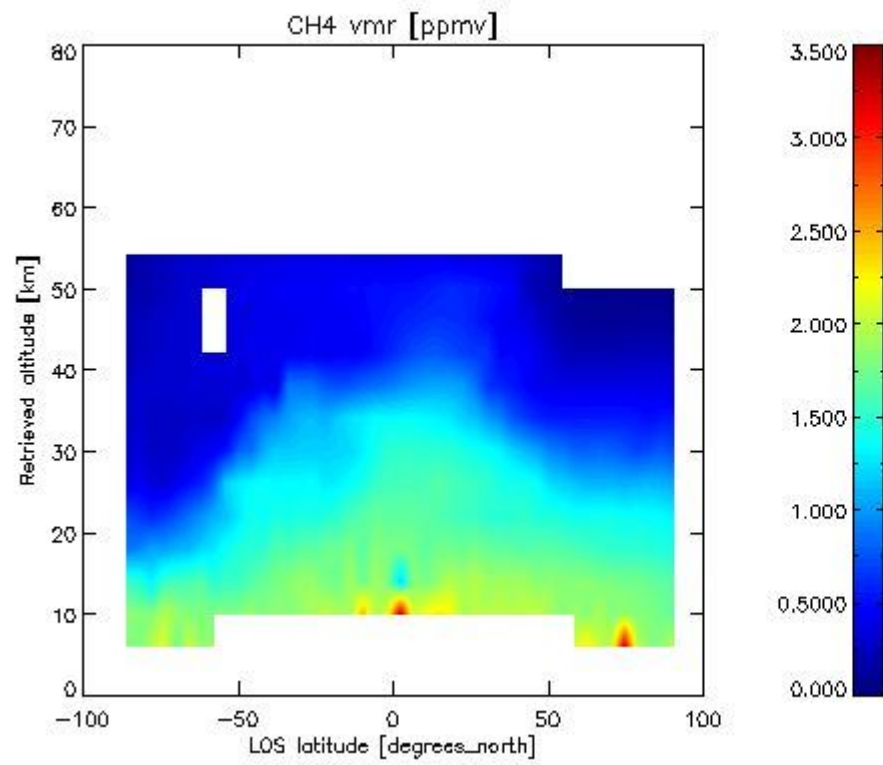
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



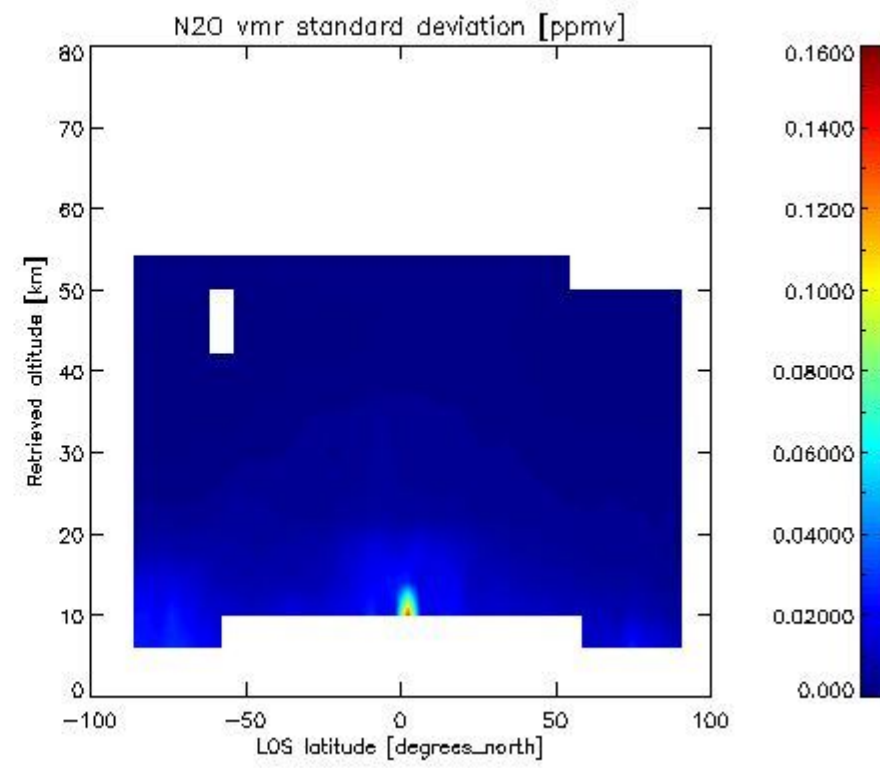
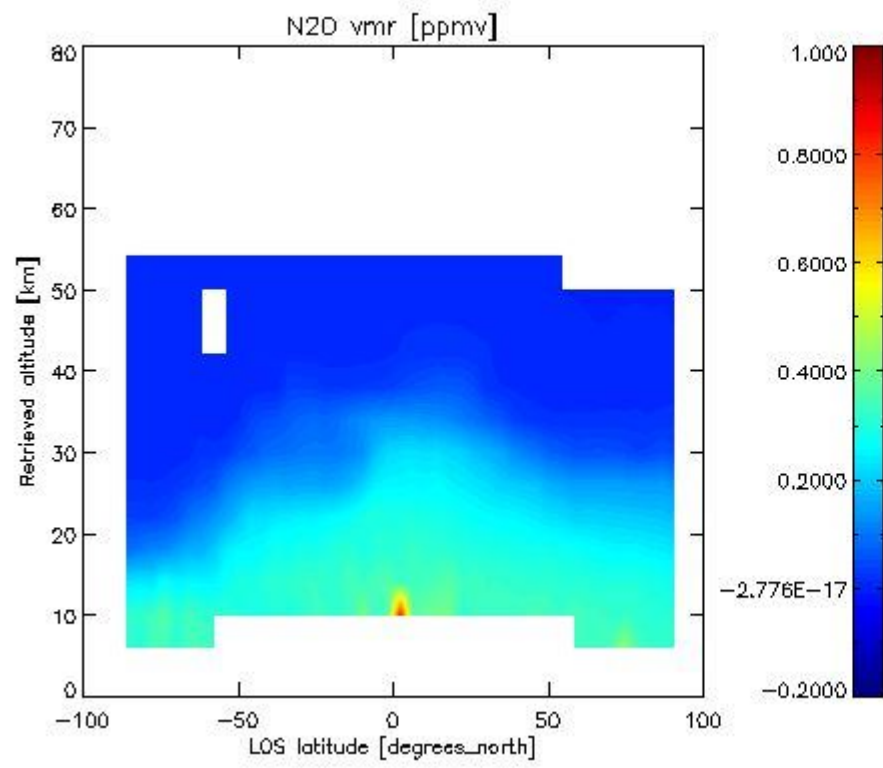
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



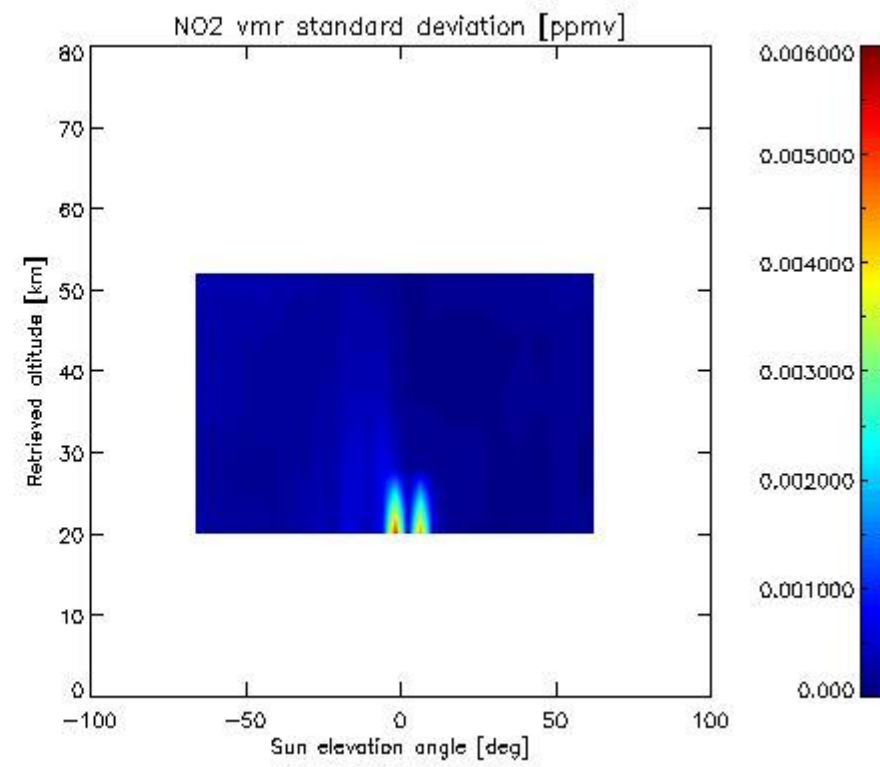
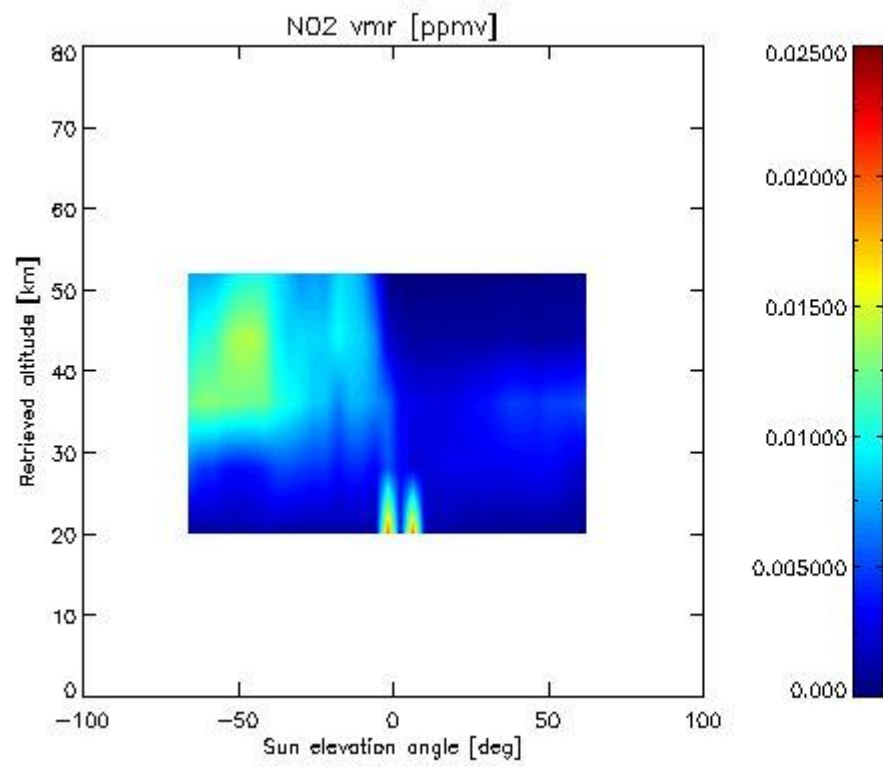
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



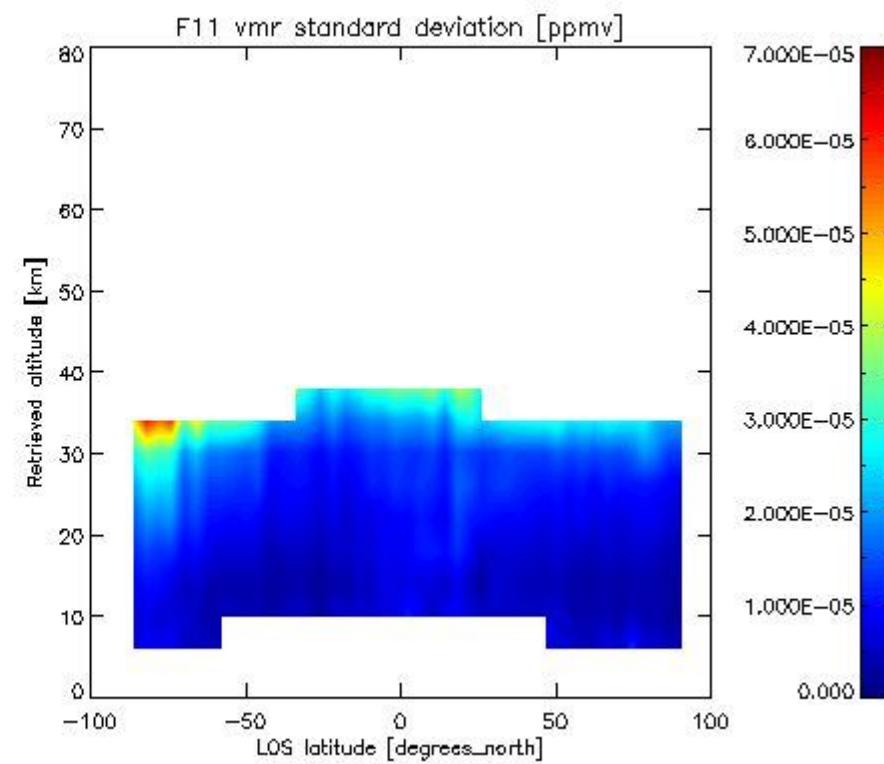
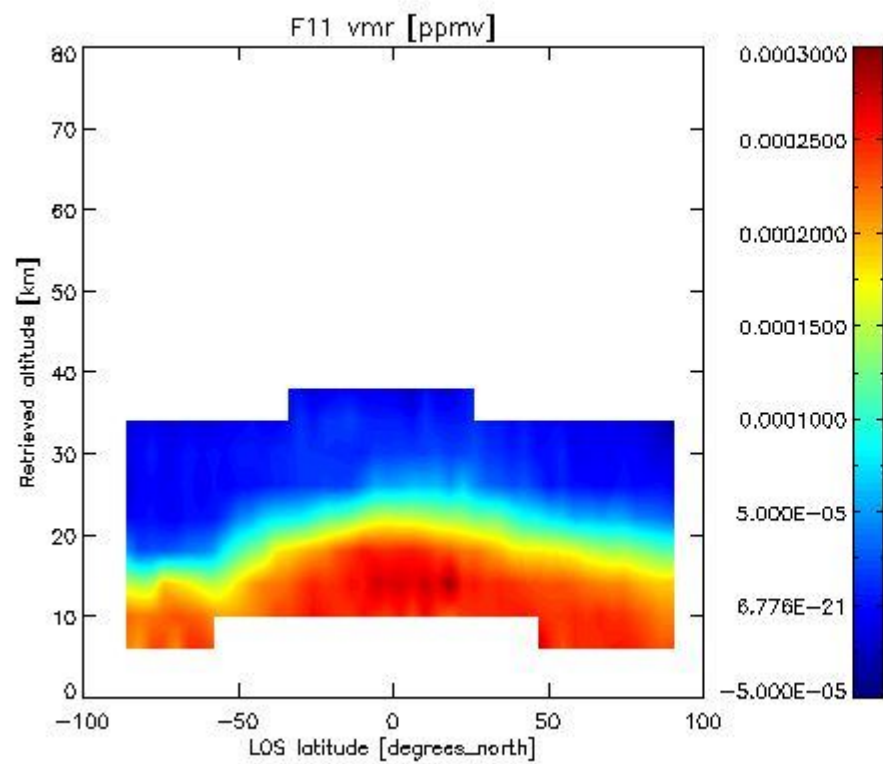
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



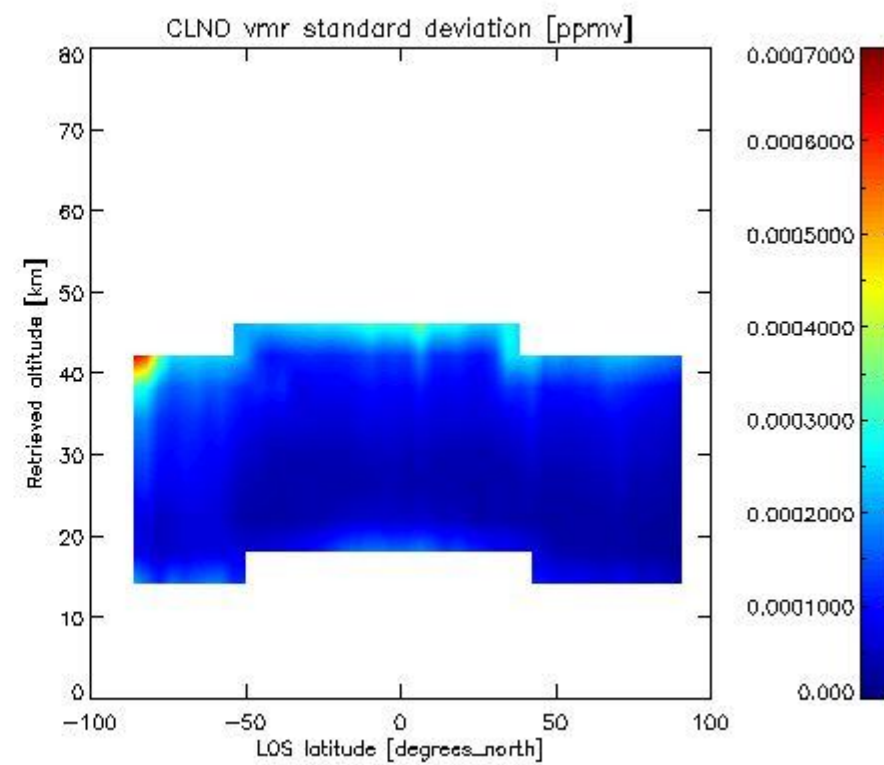
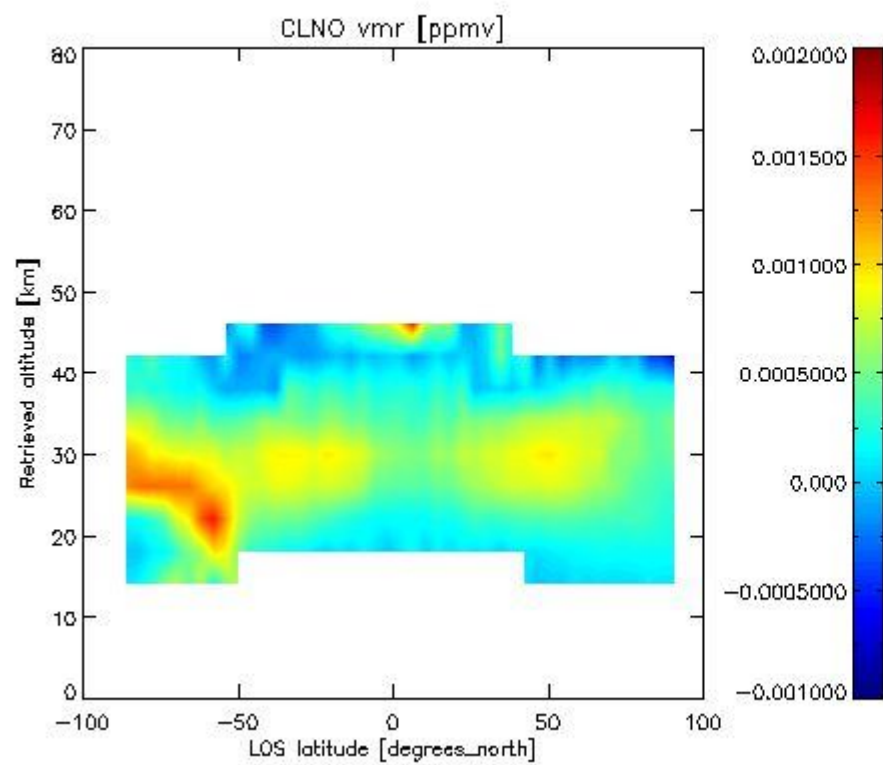
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.

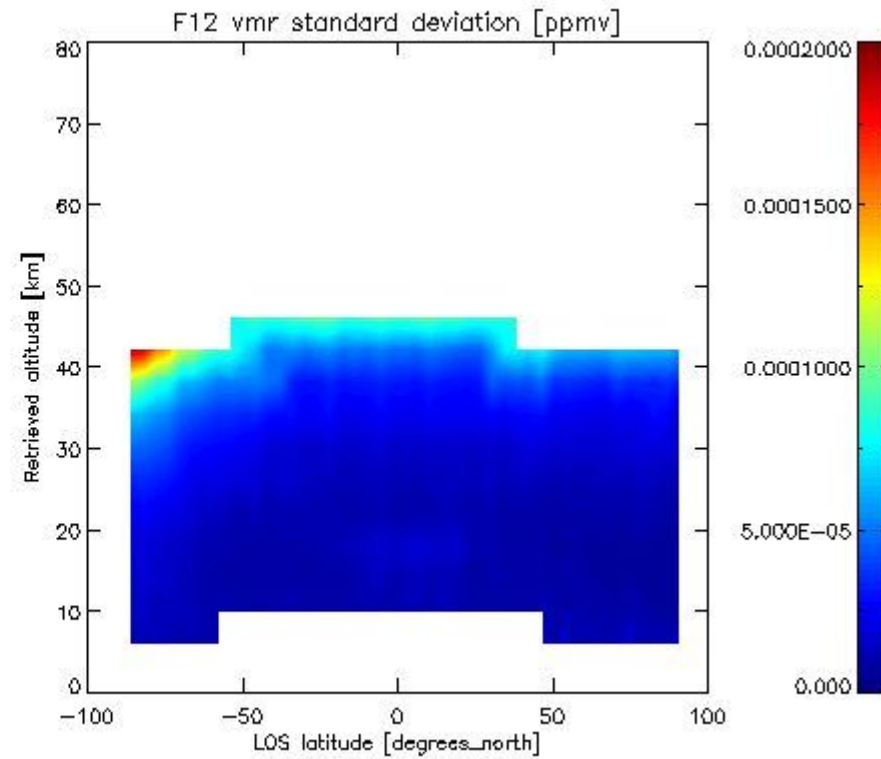
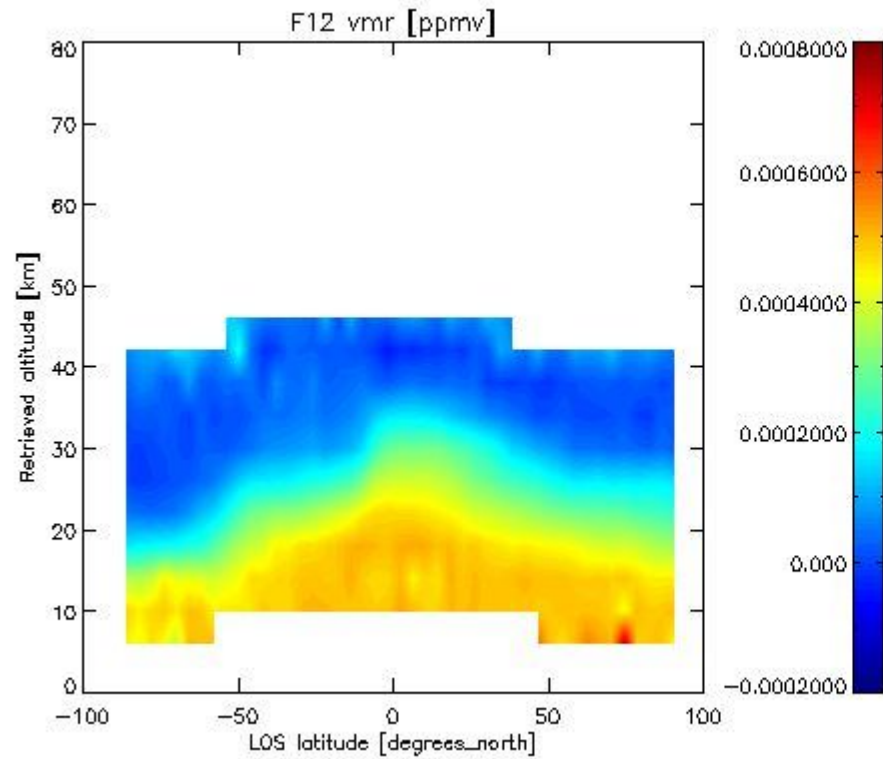
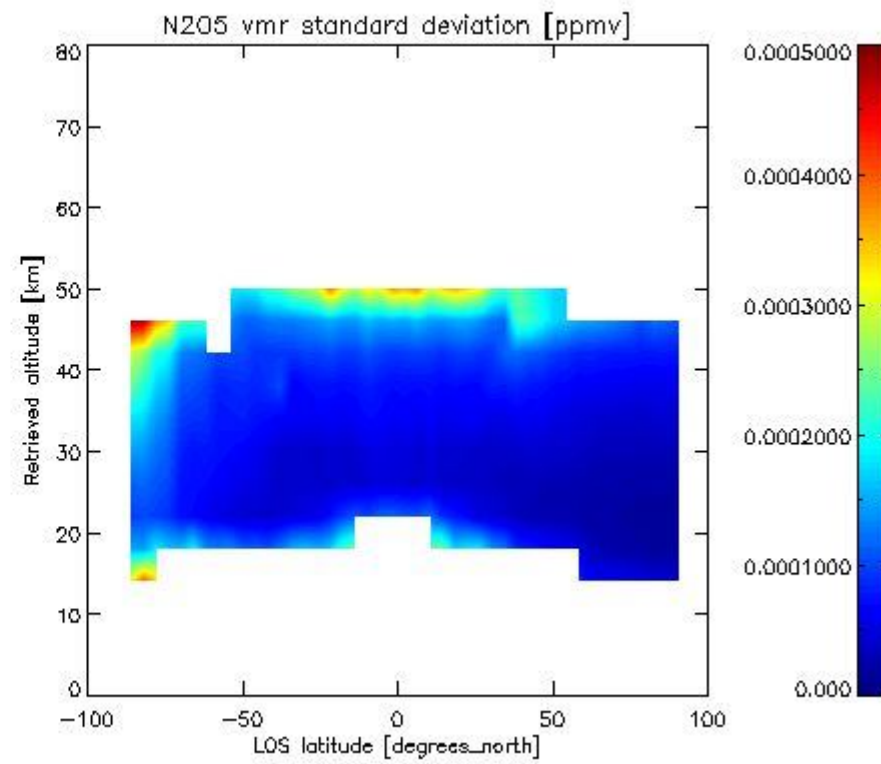
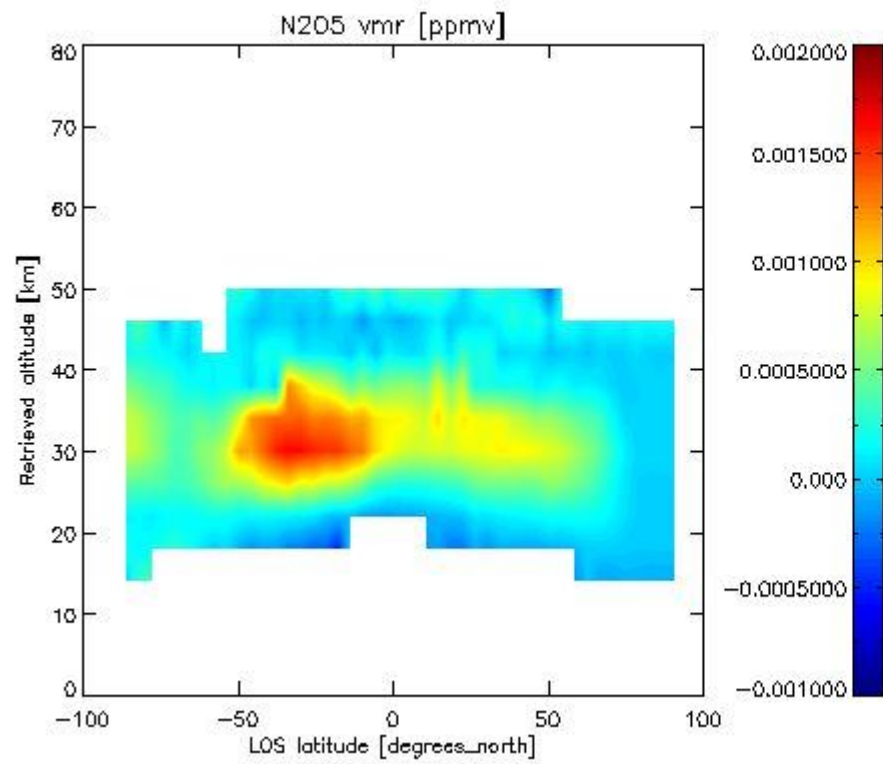


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

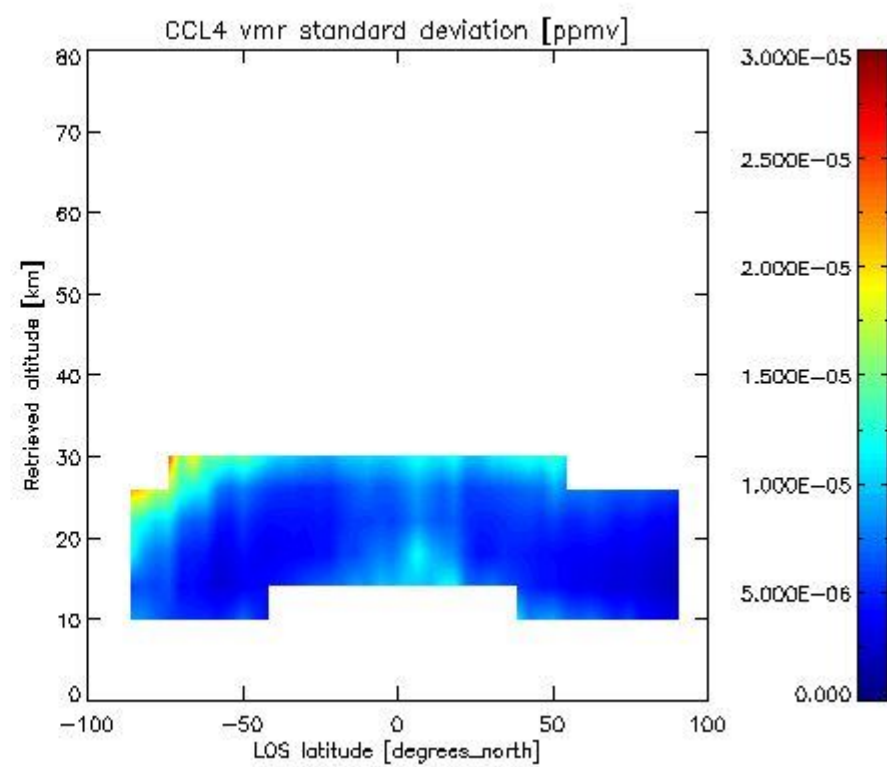
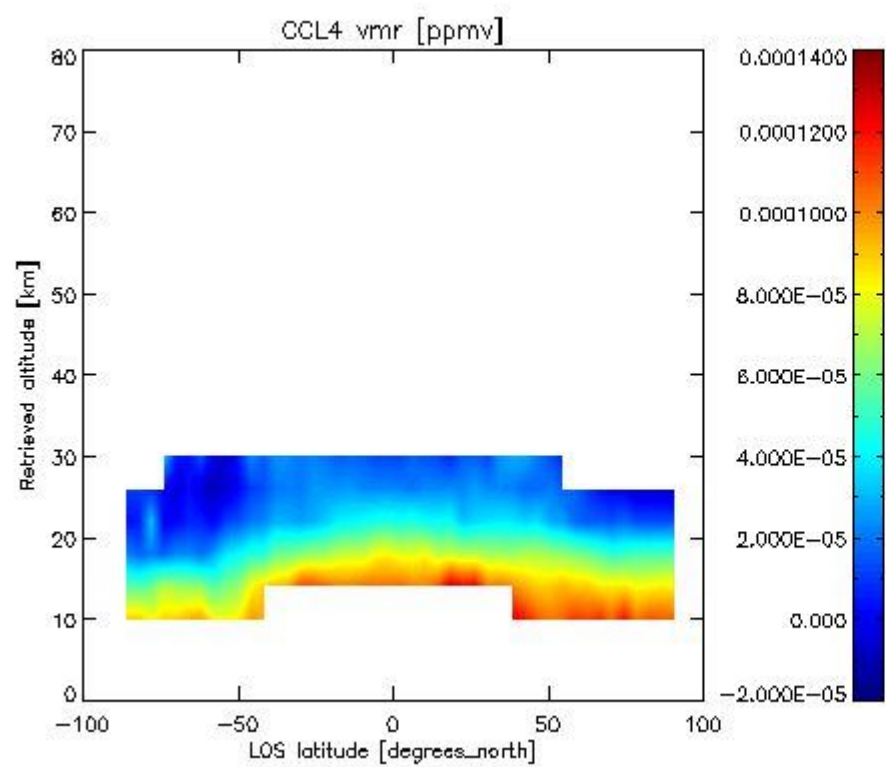
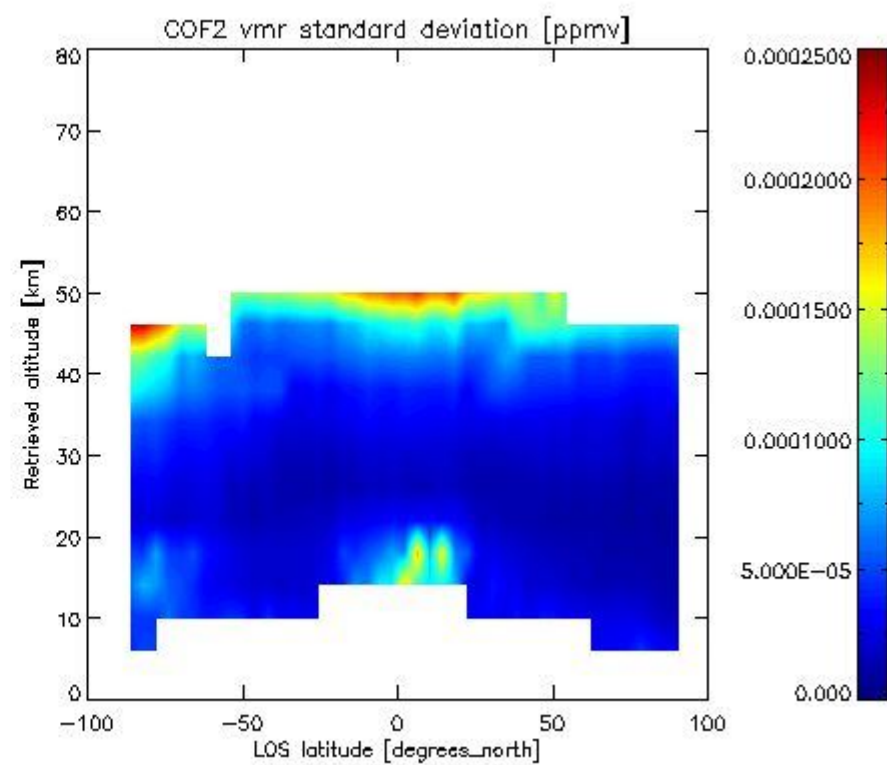
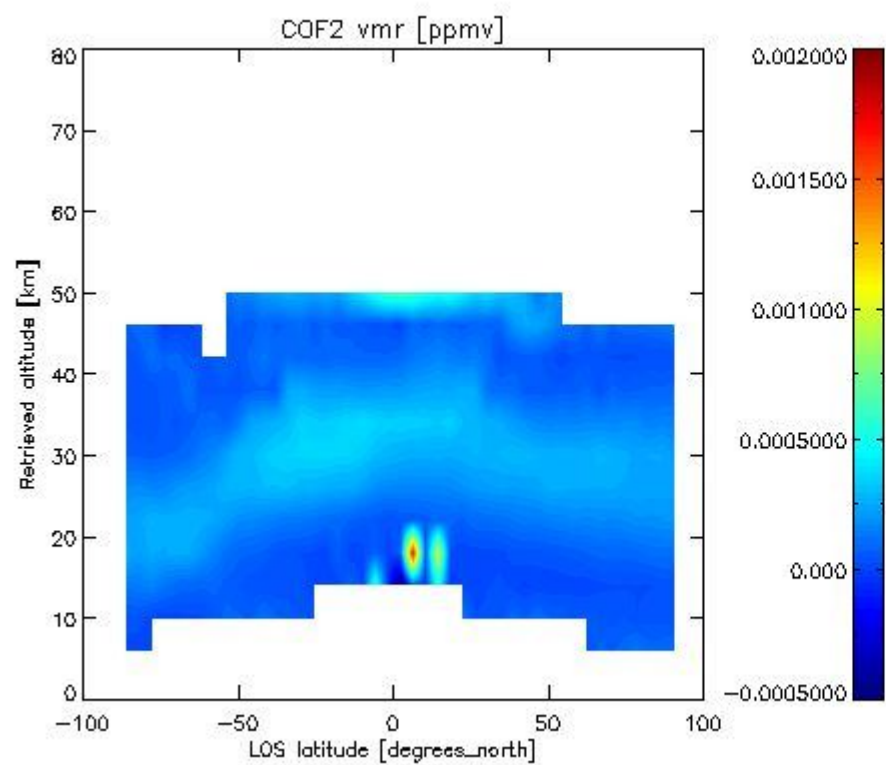


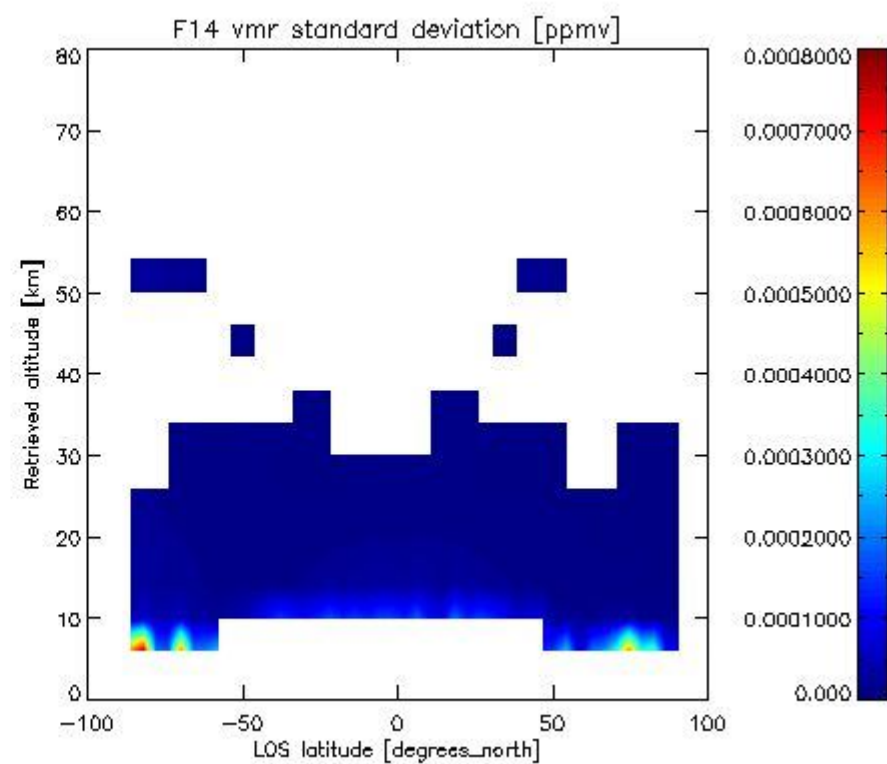
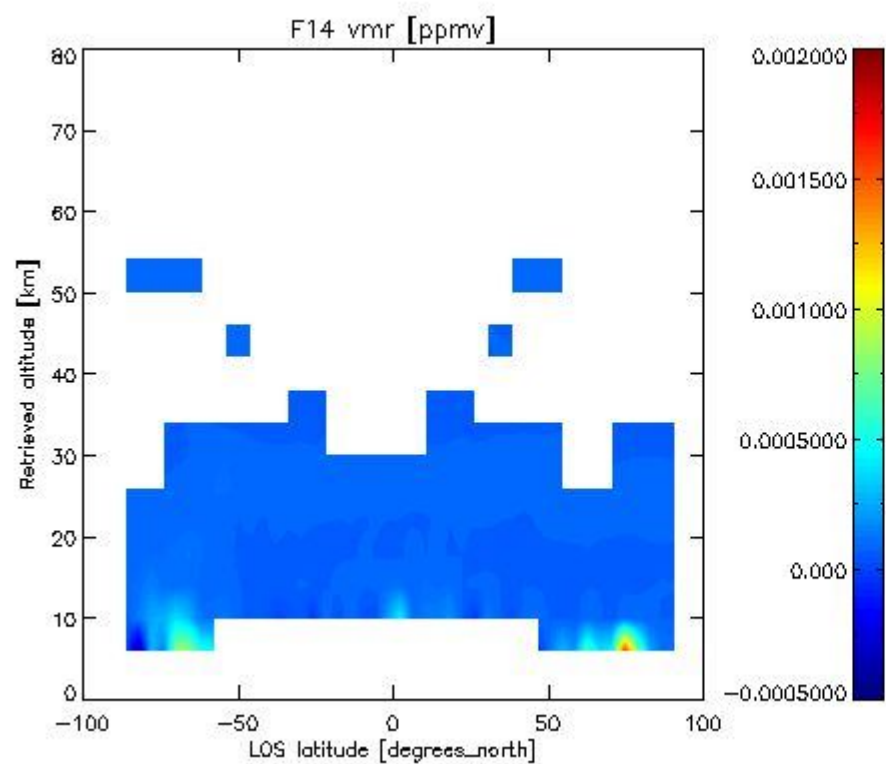
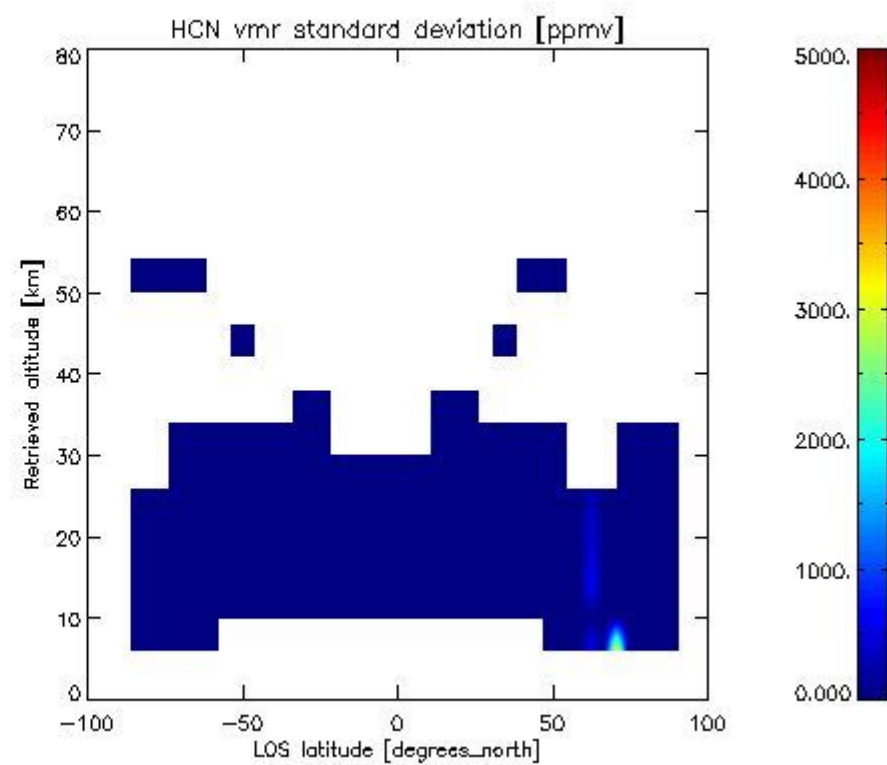
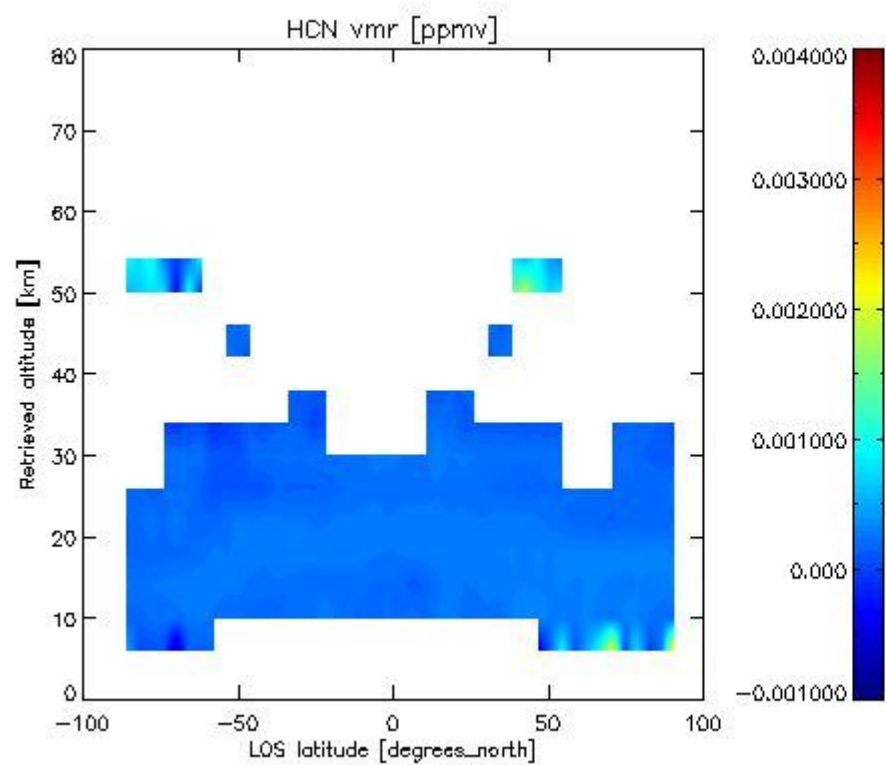
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

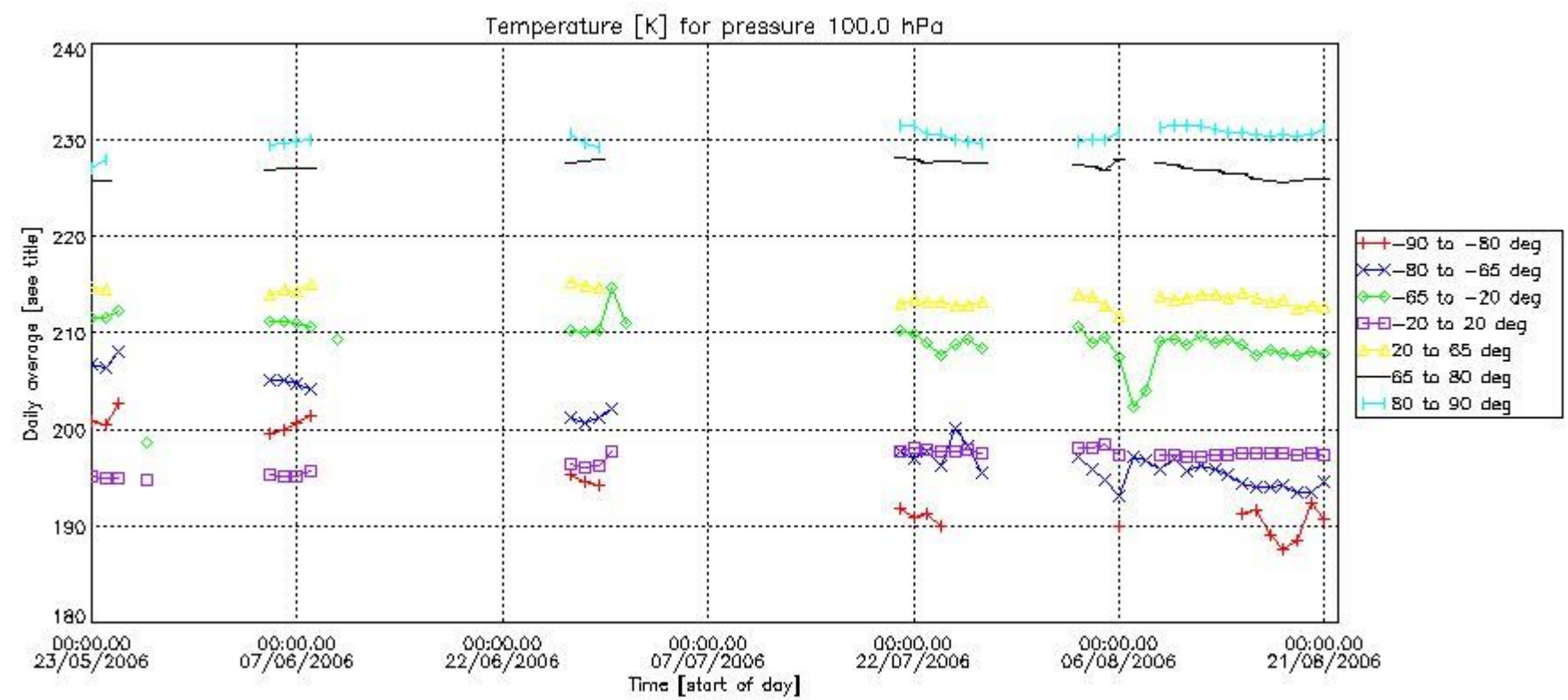
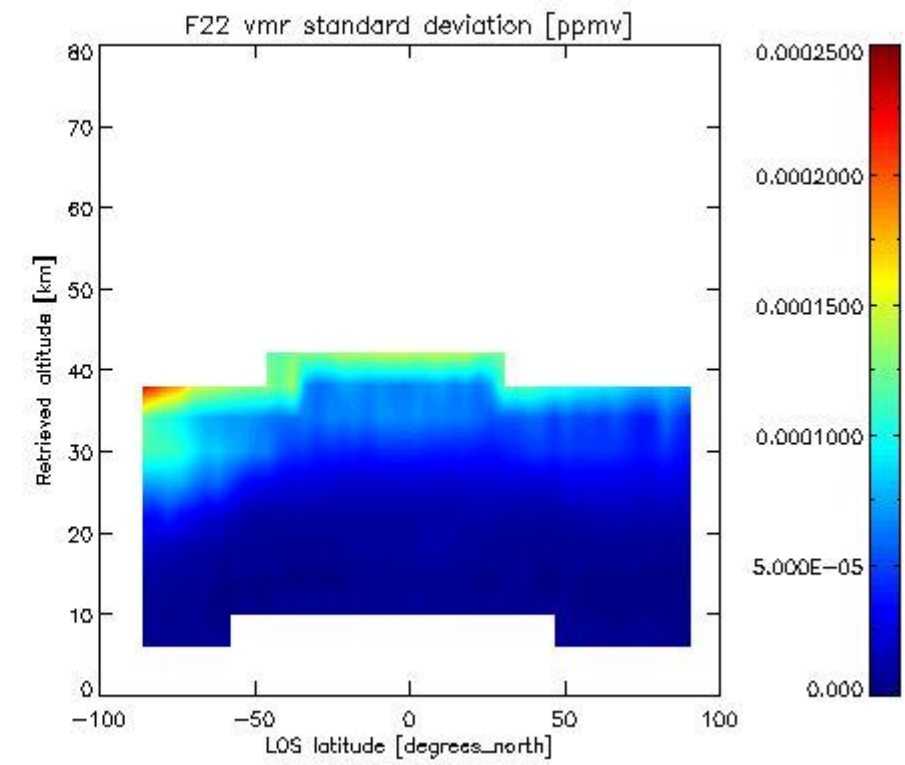
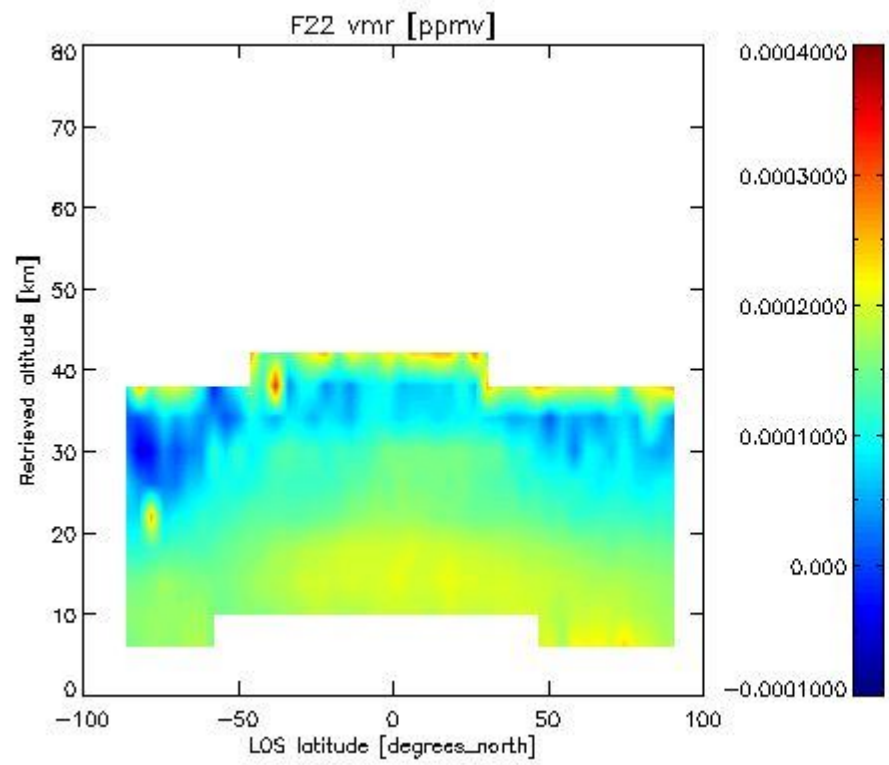


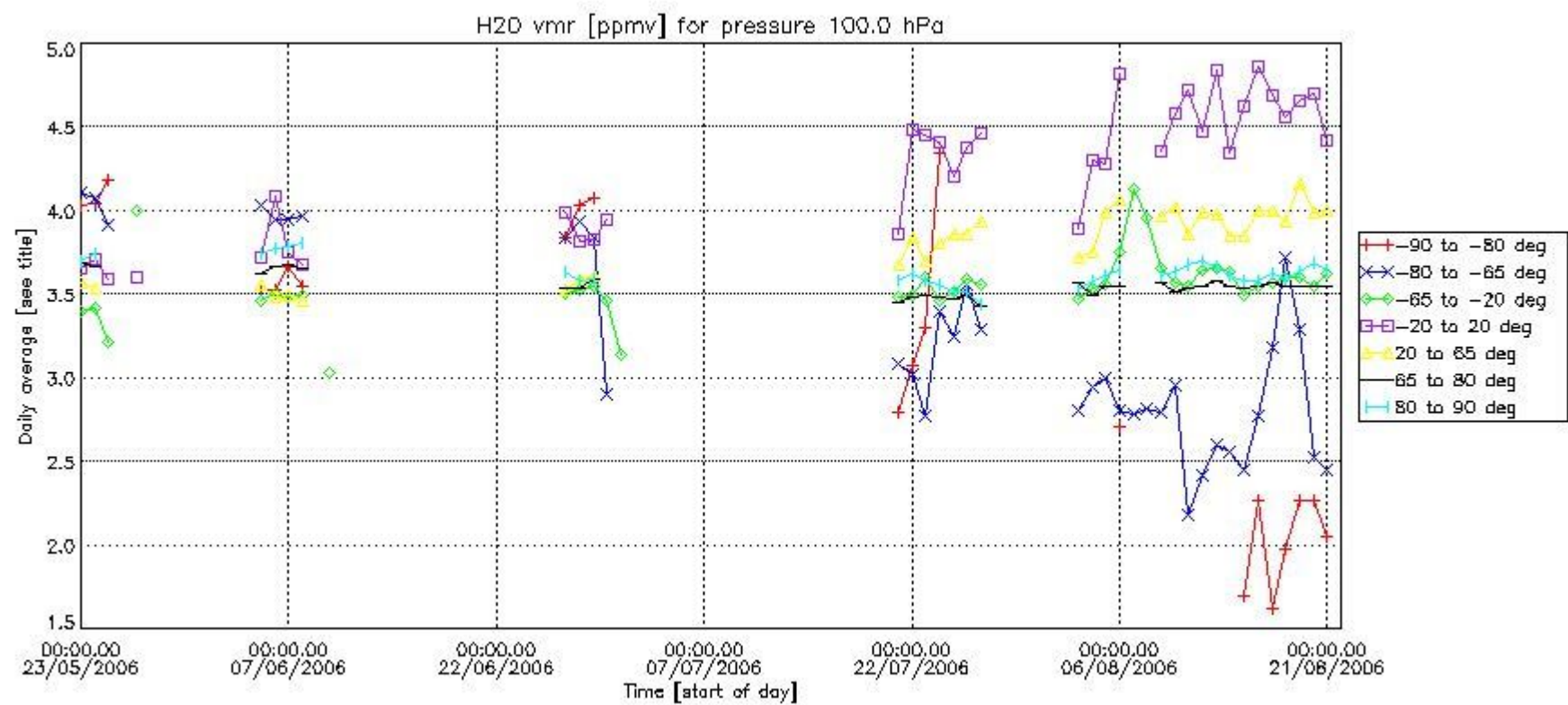
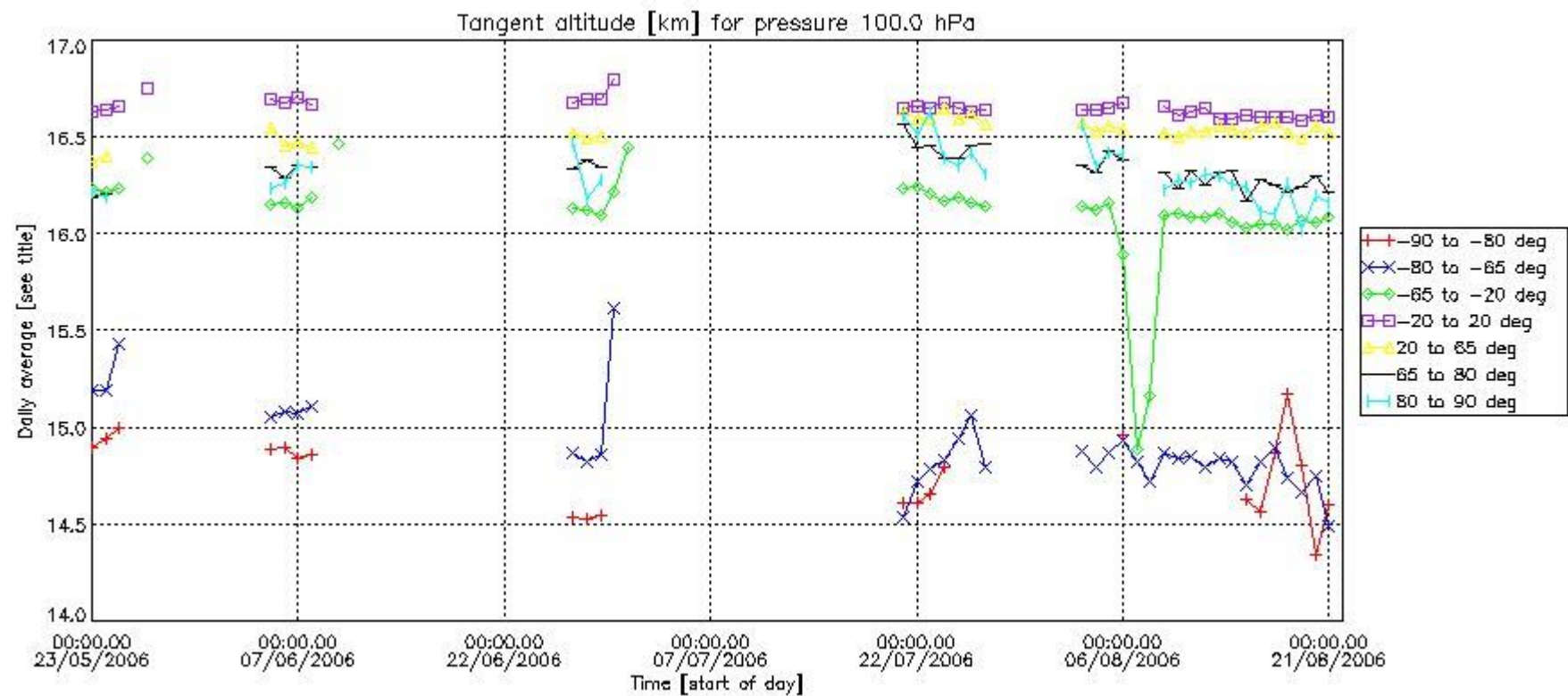


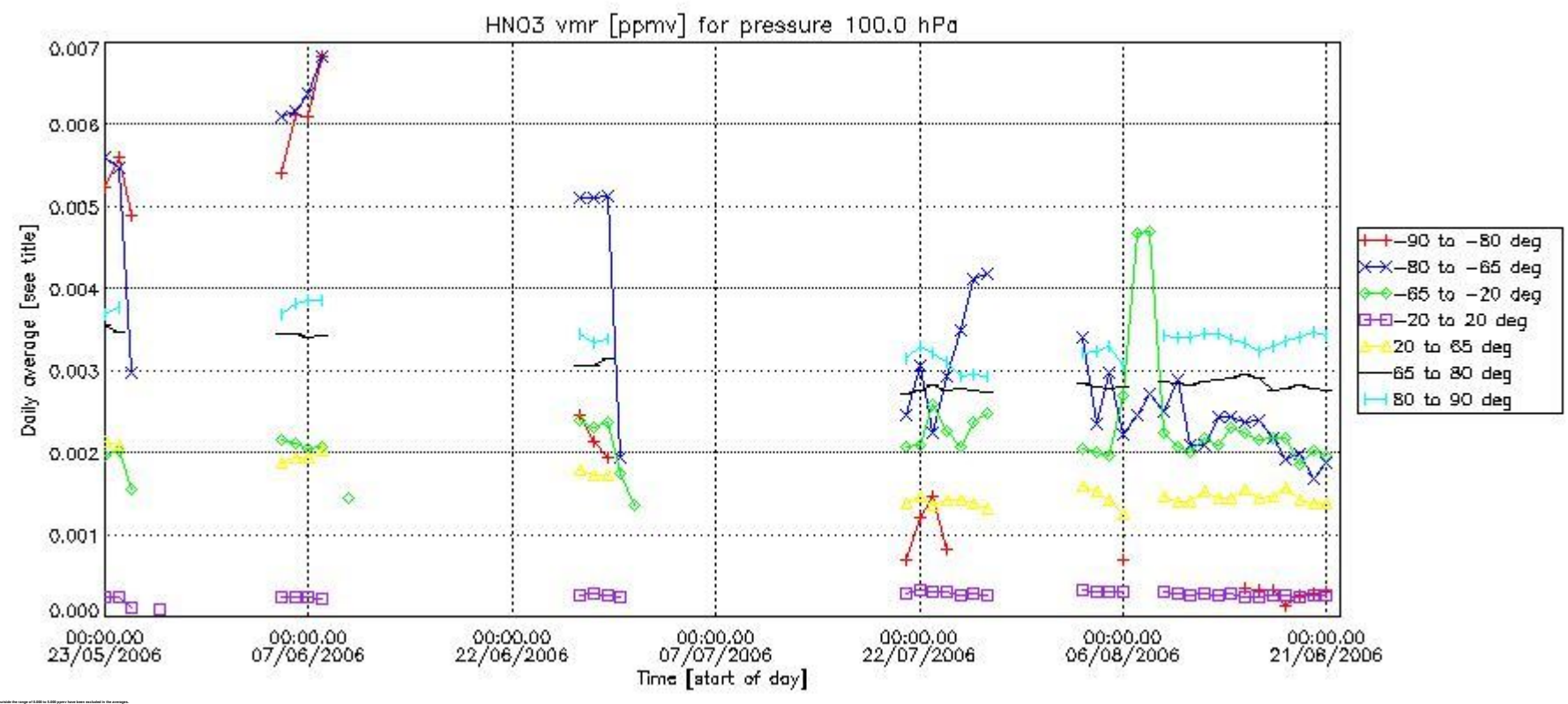
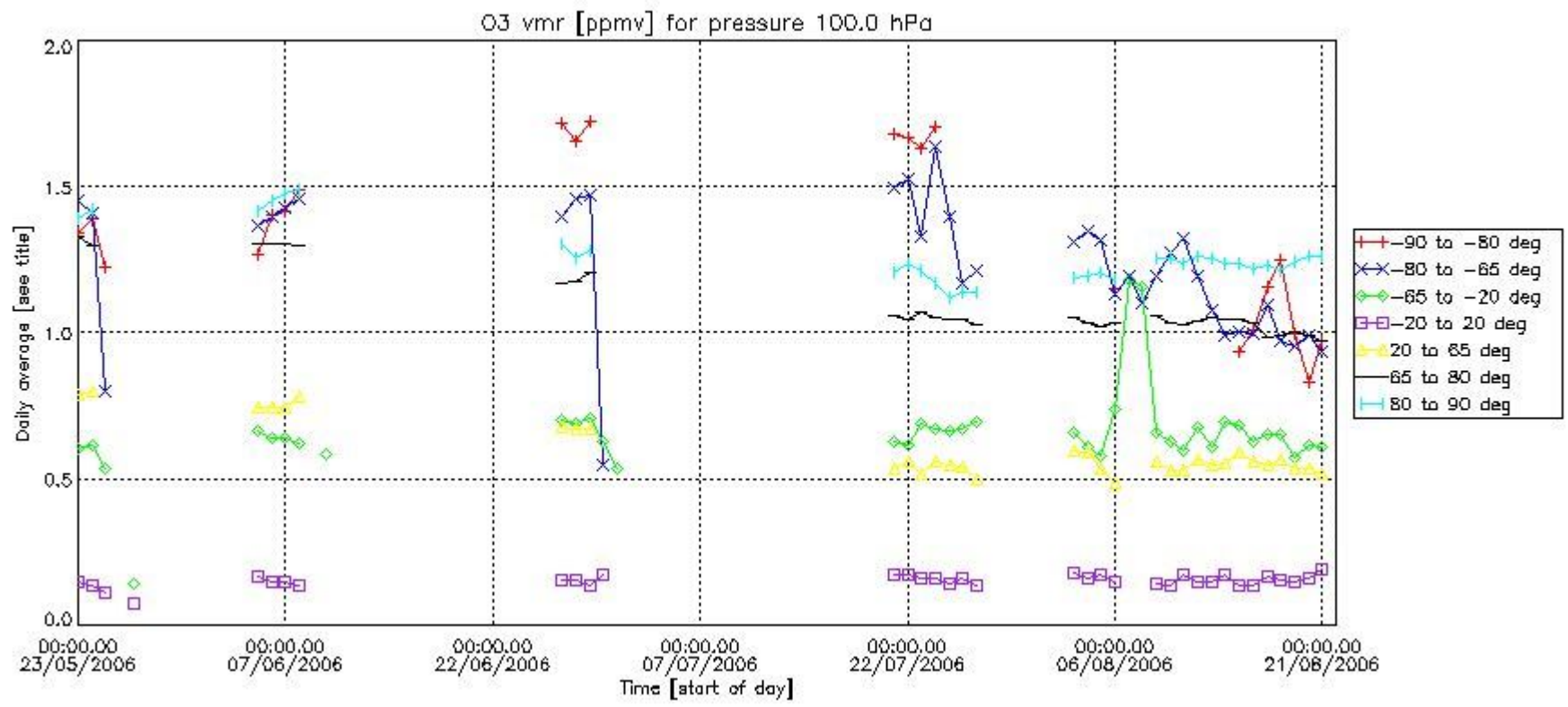


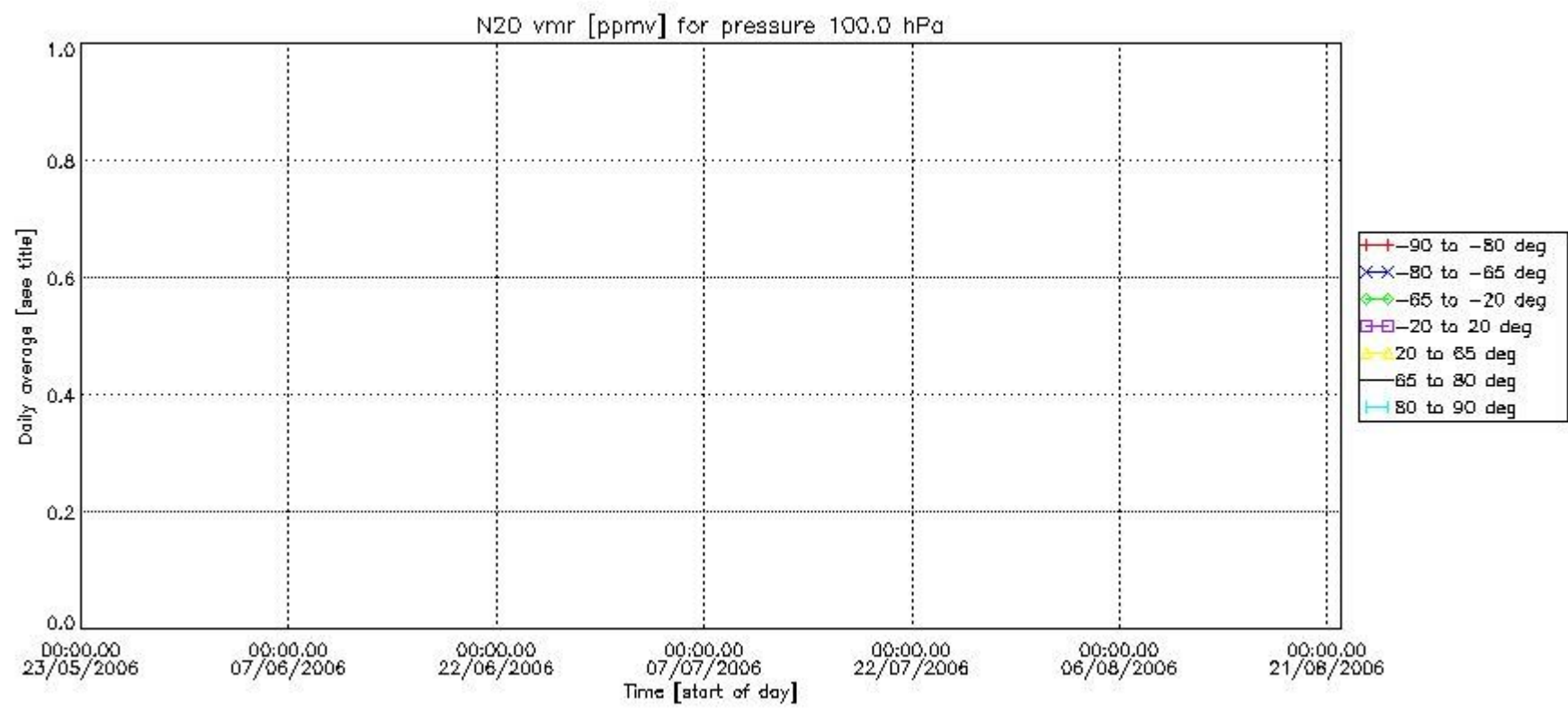
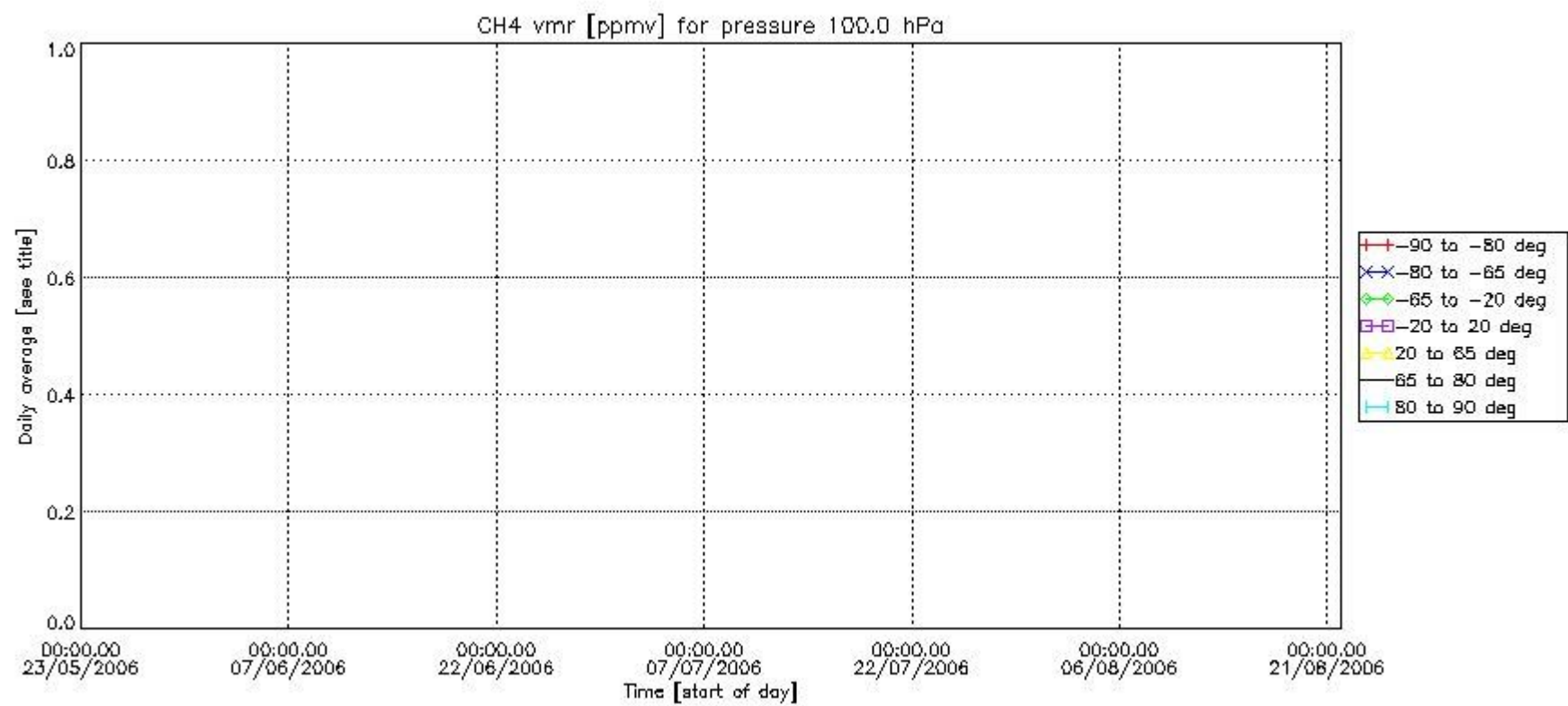


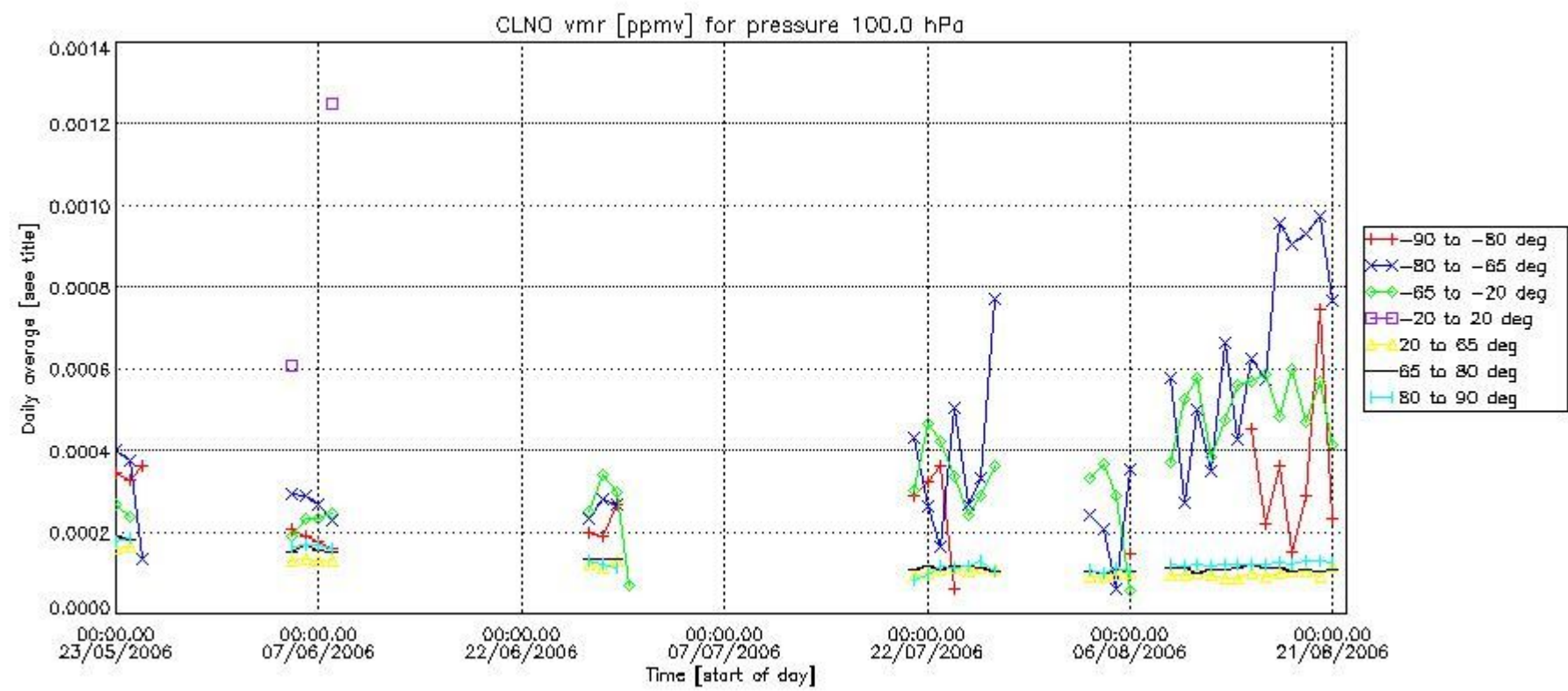
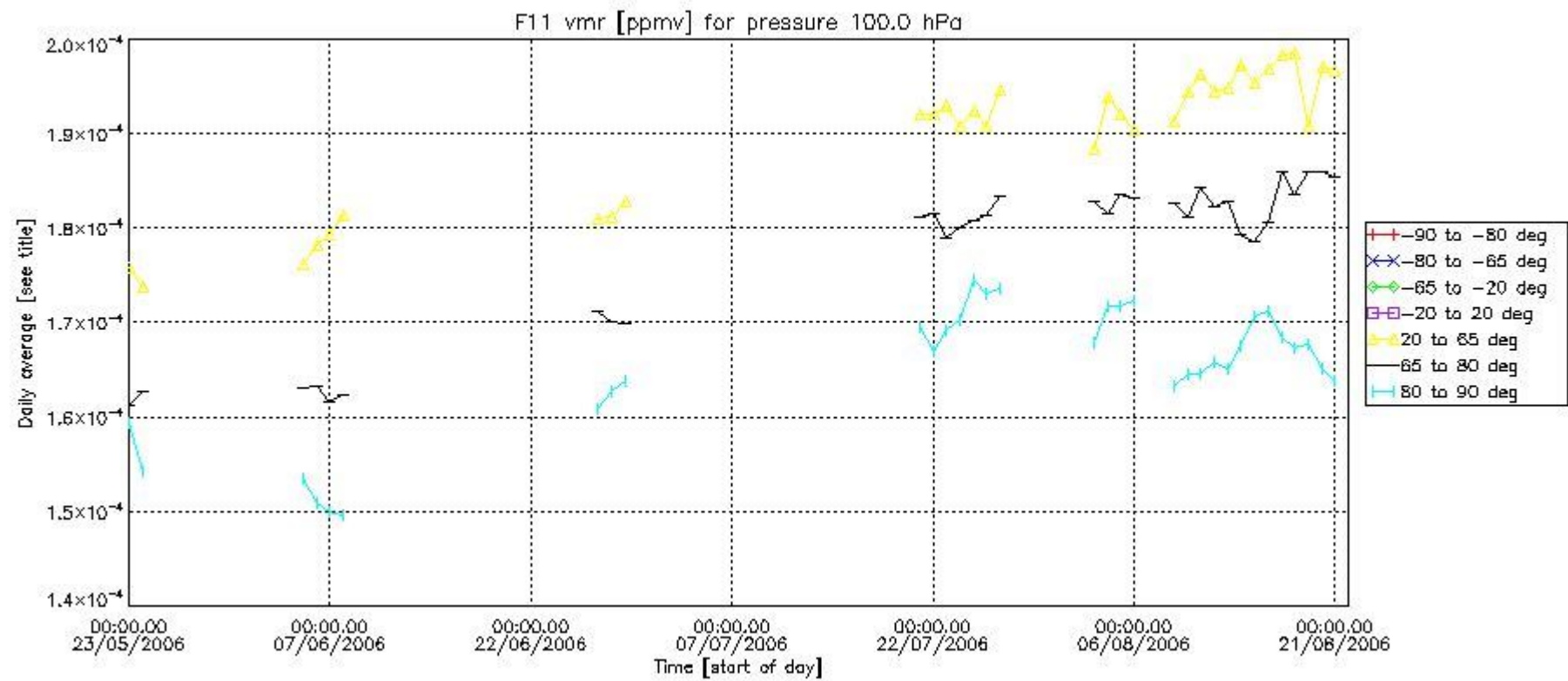


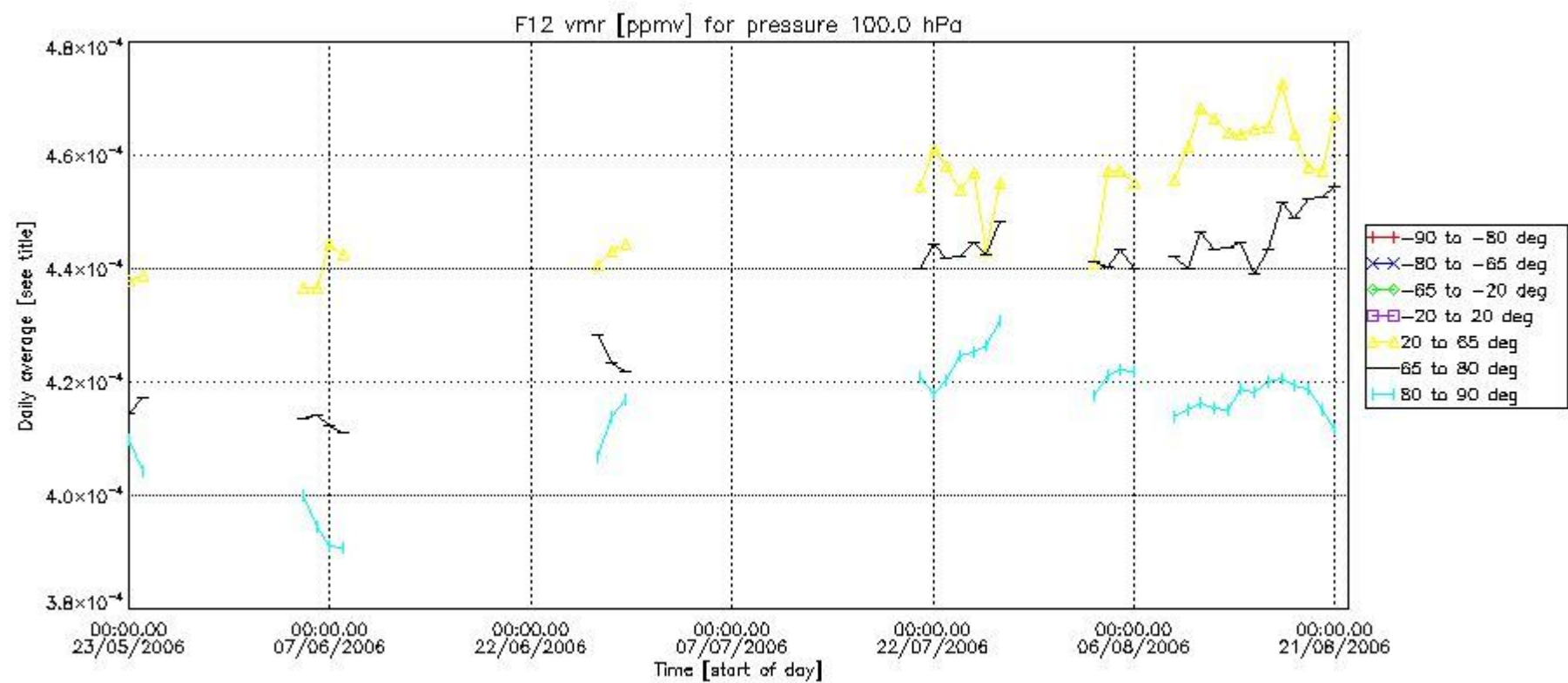
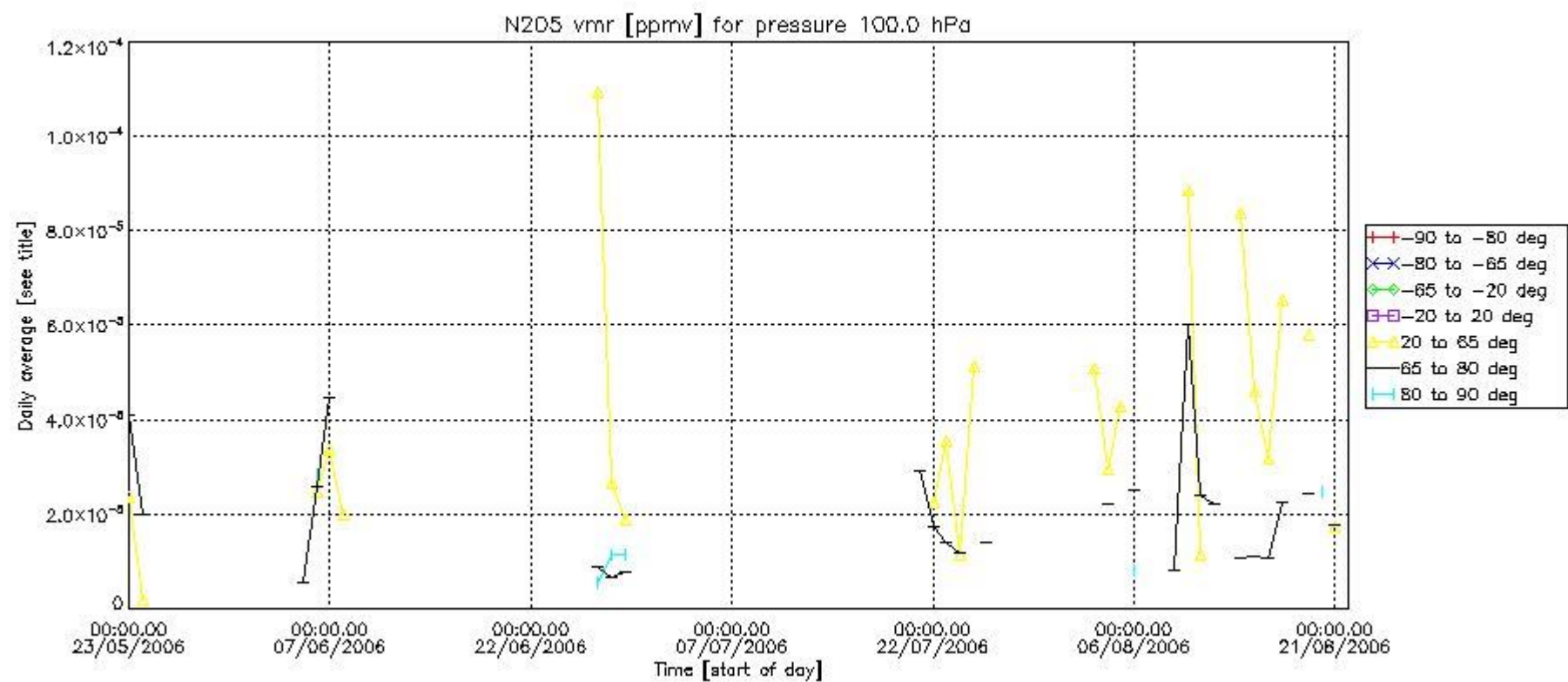




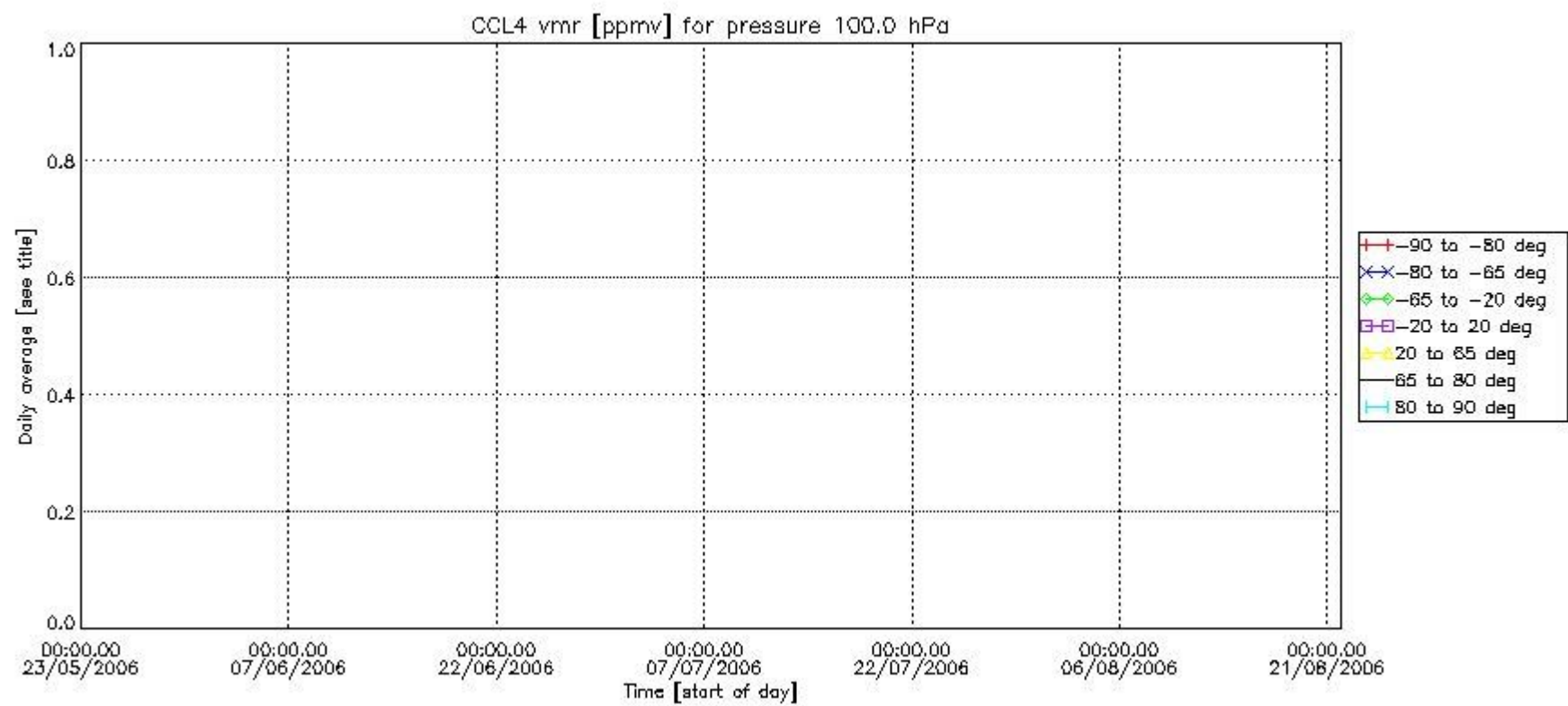
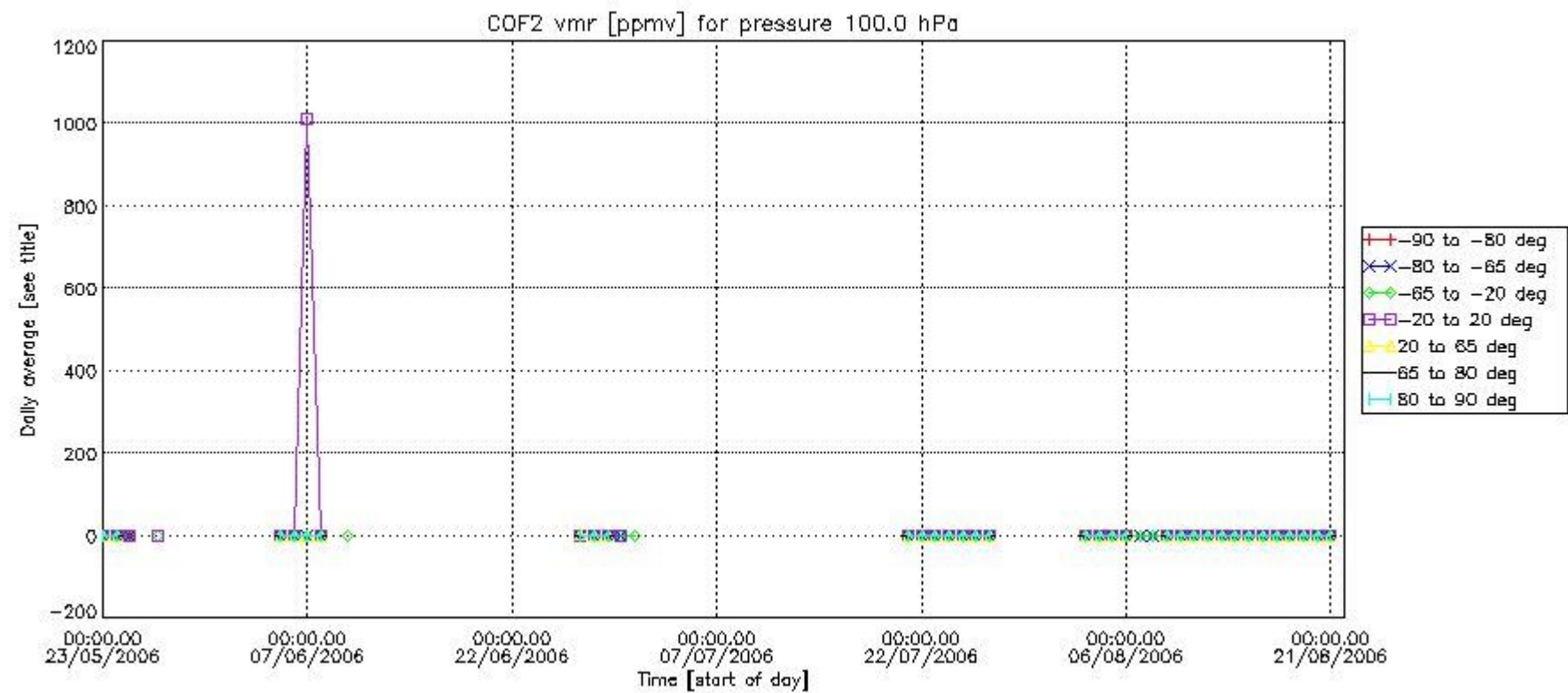


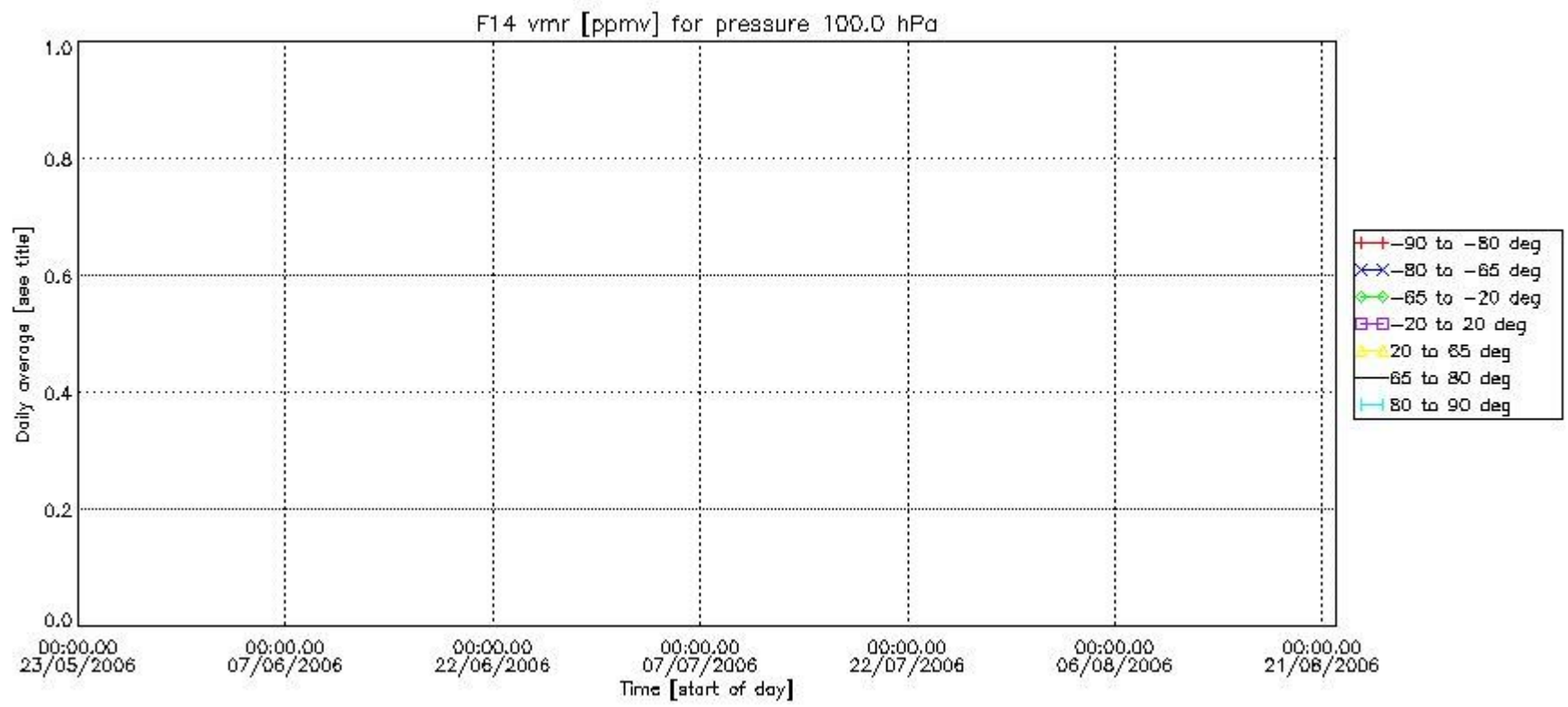
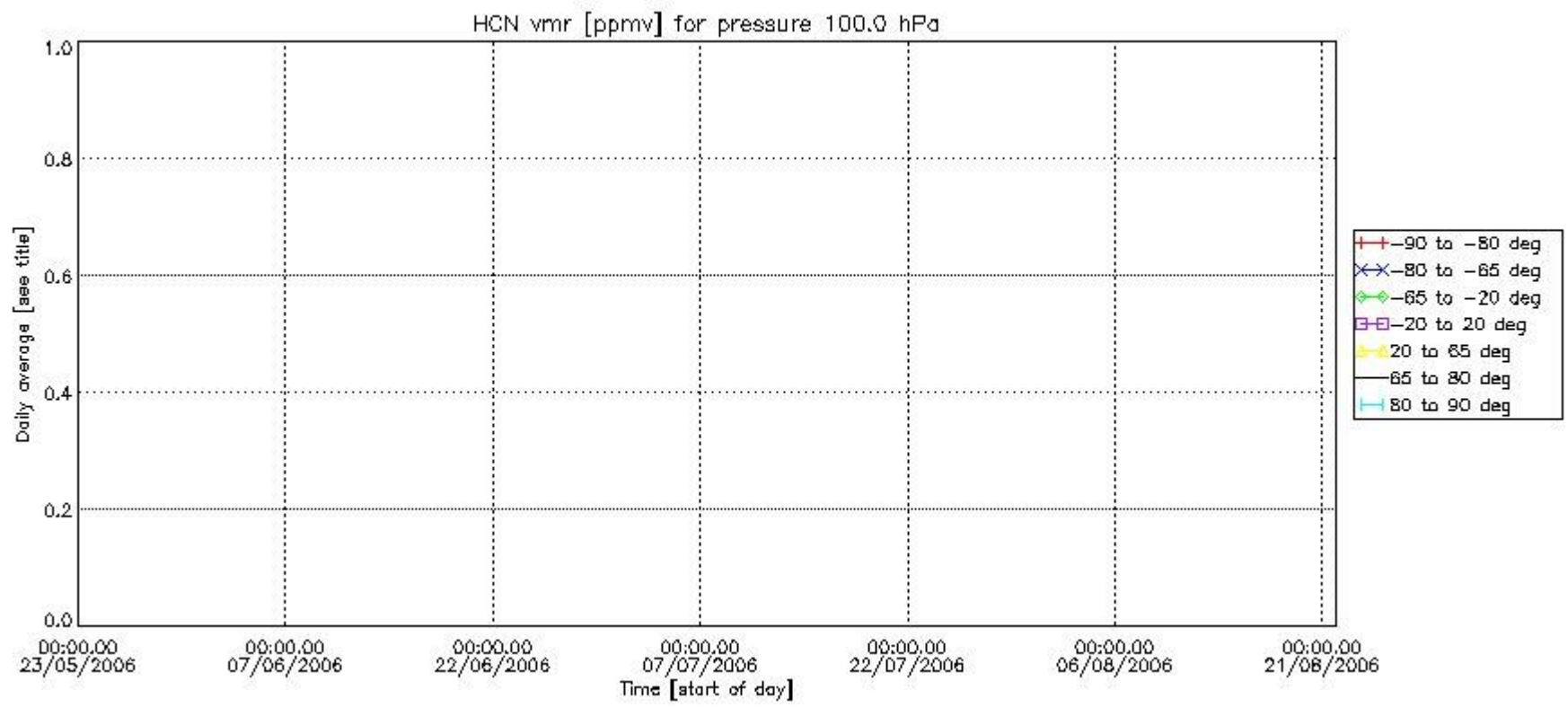


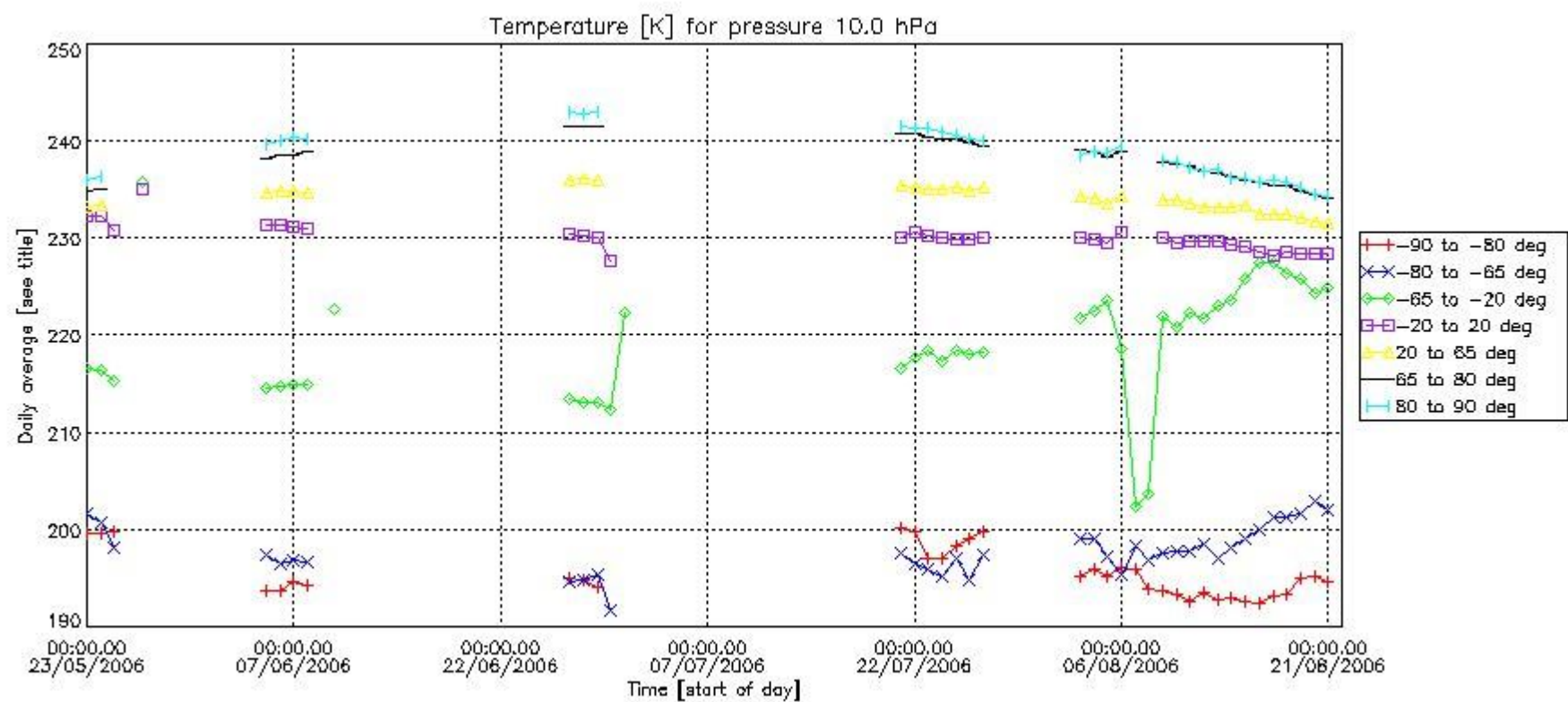
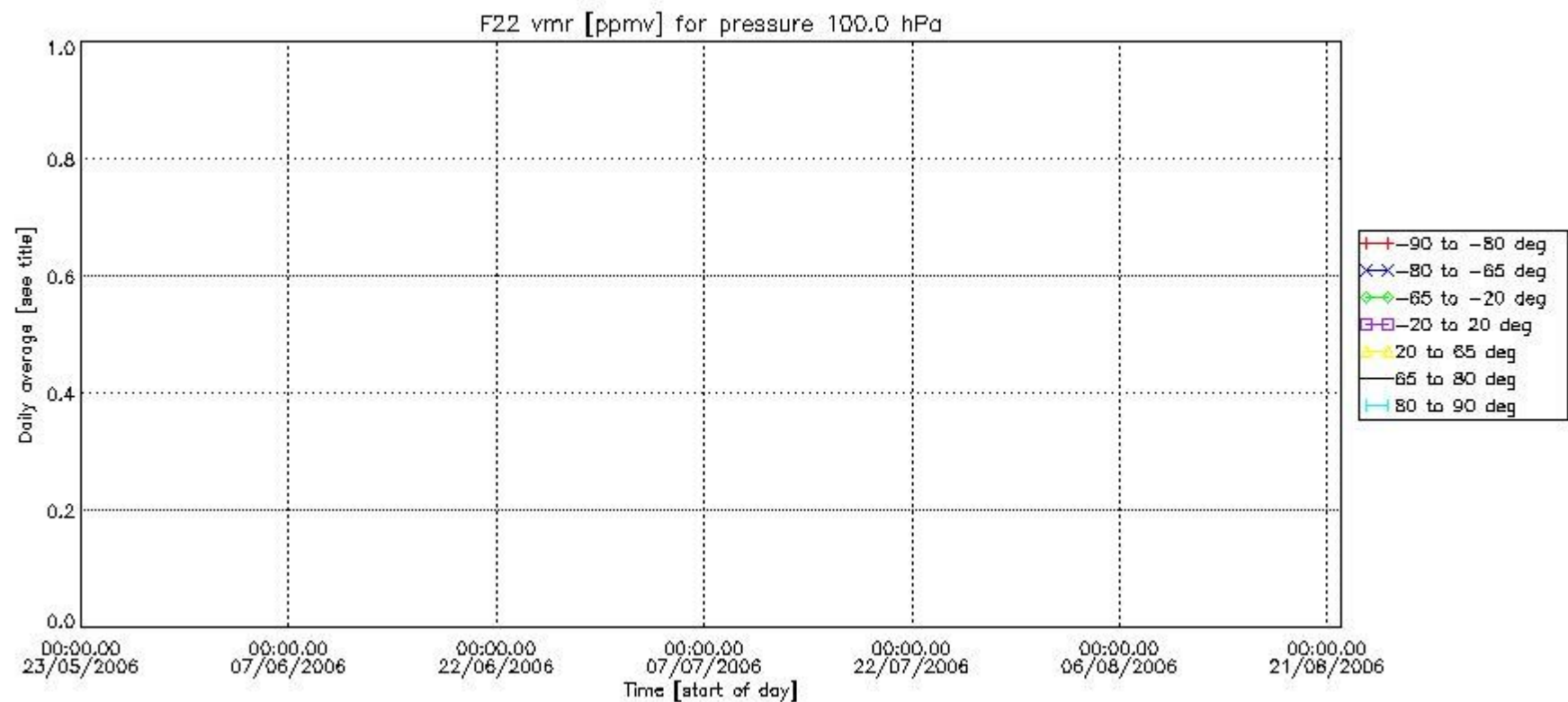


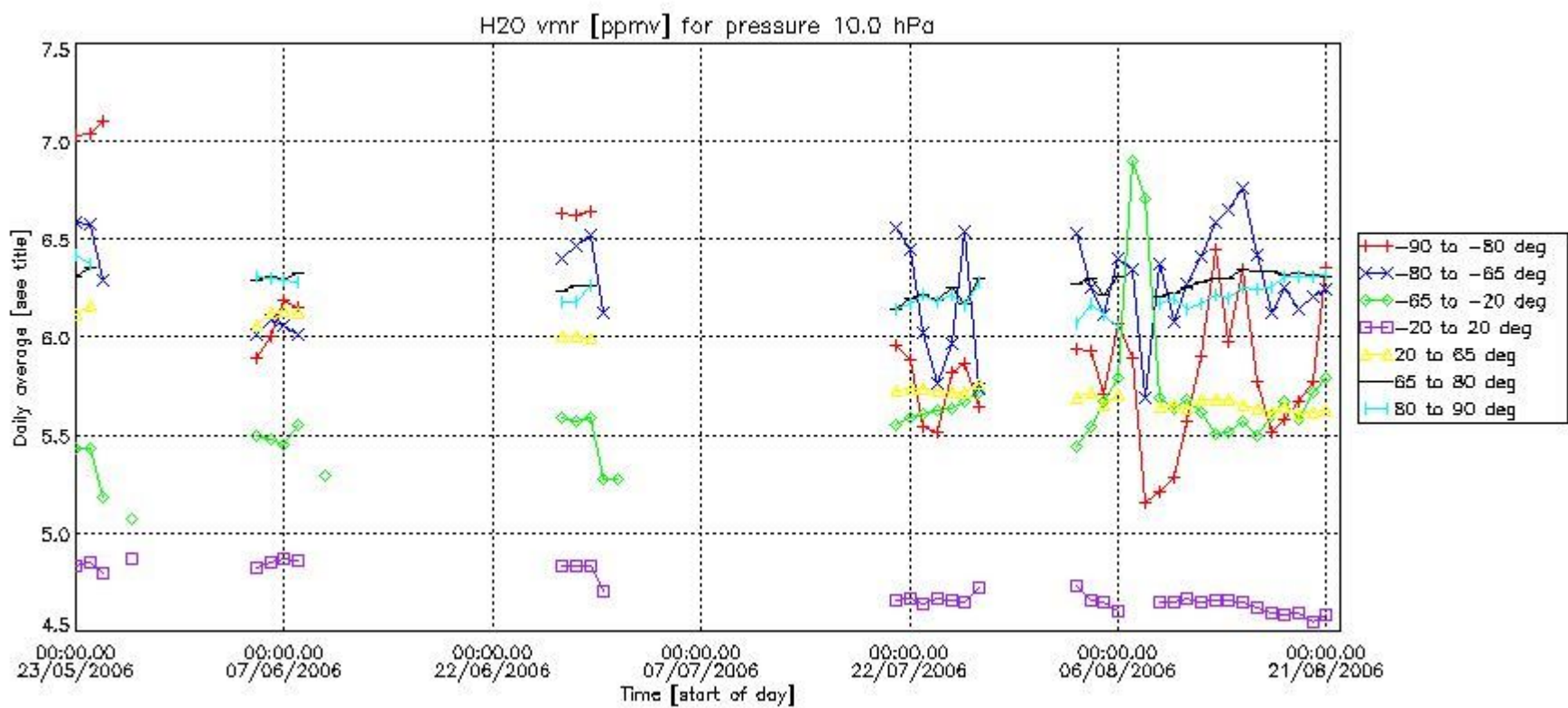
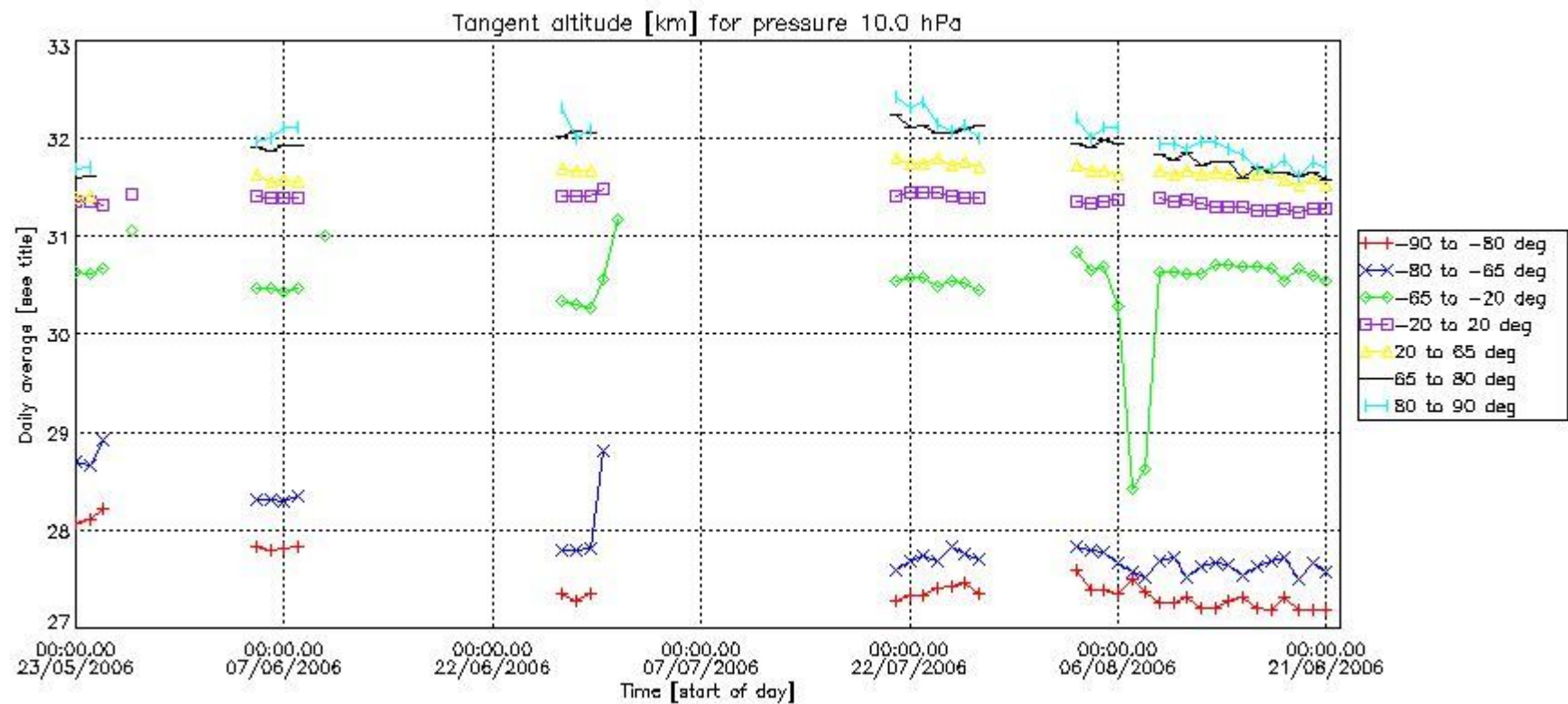


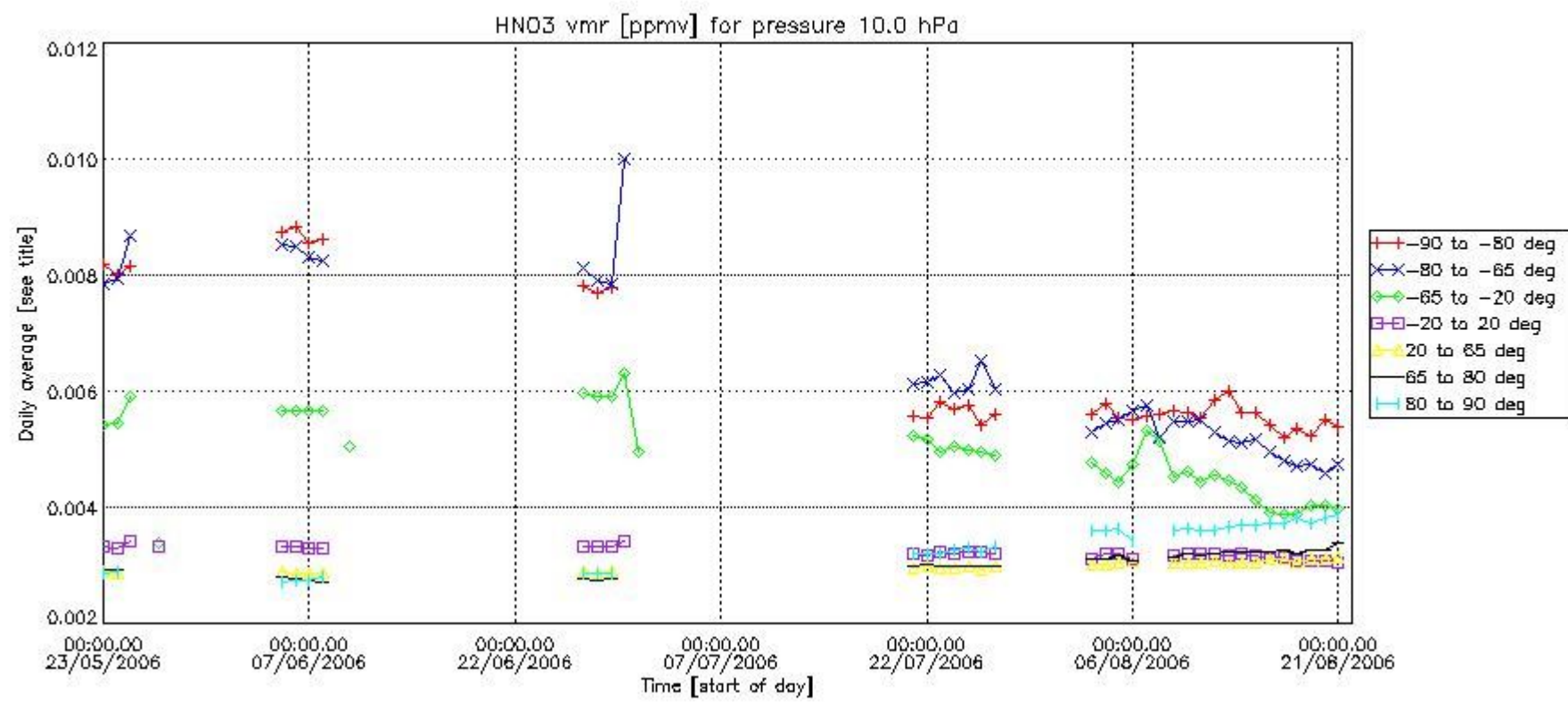
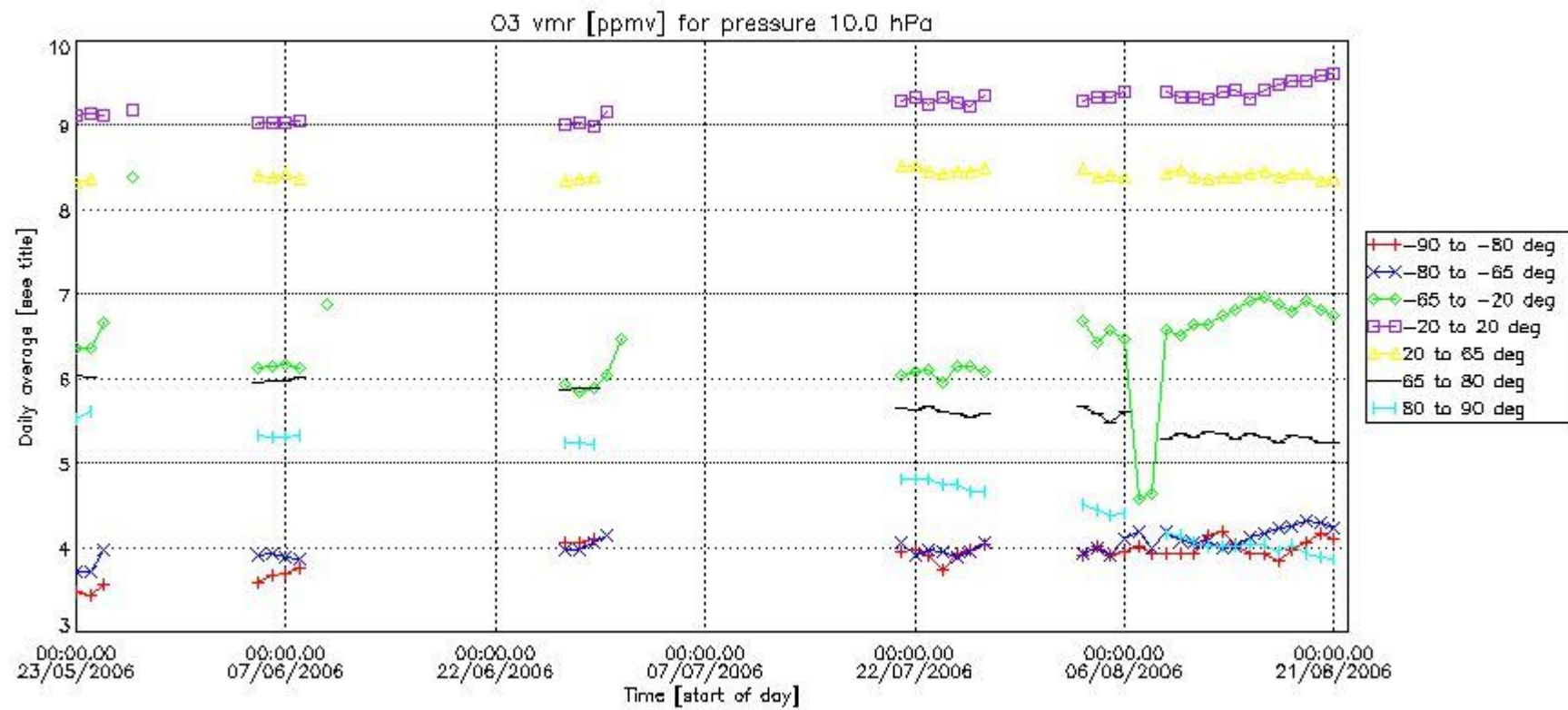


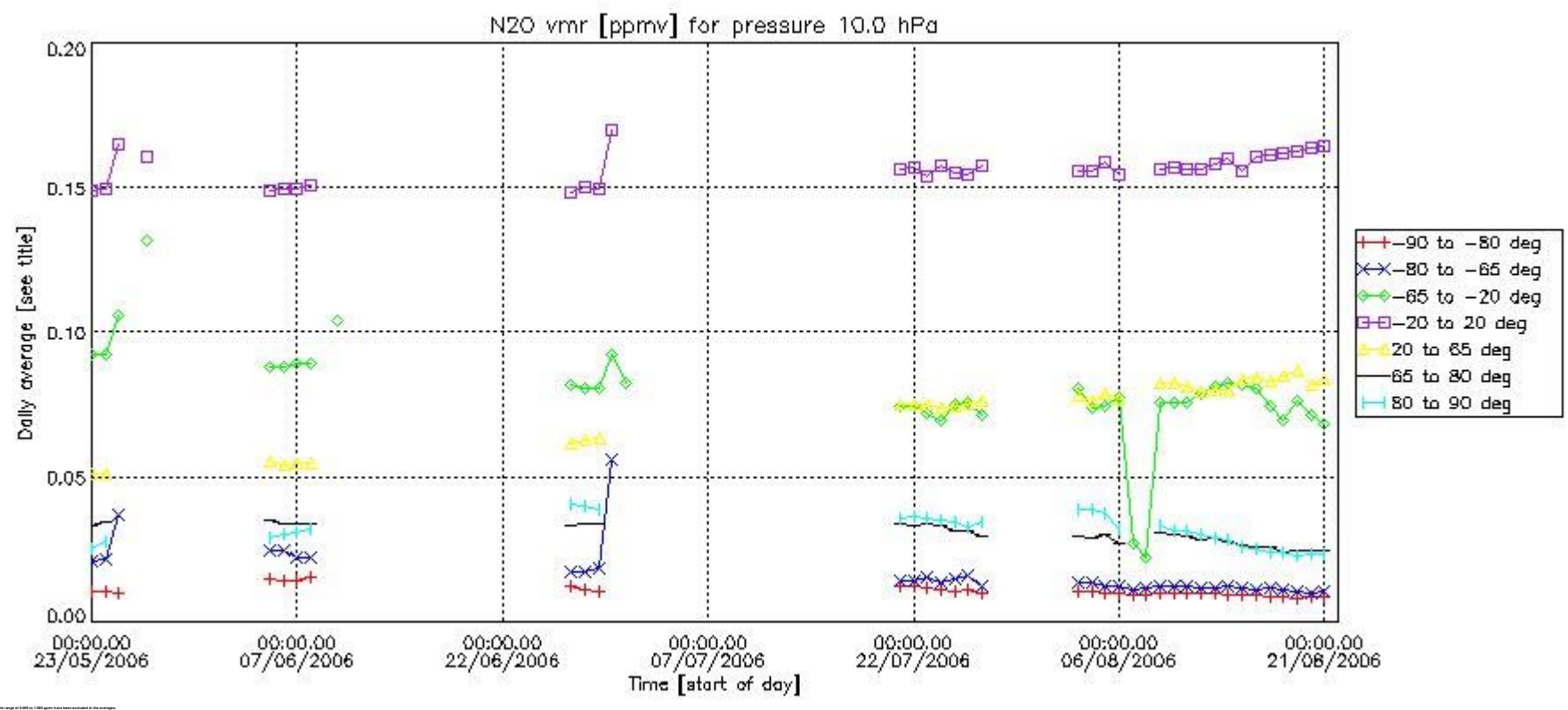
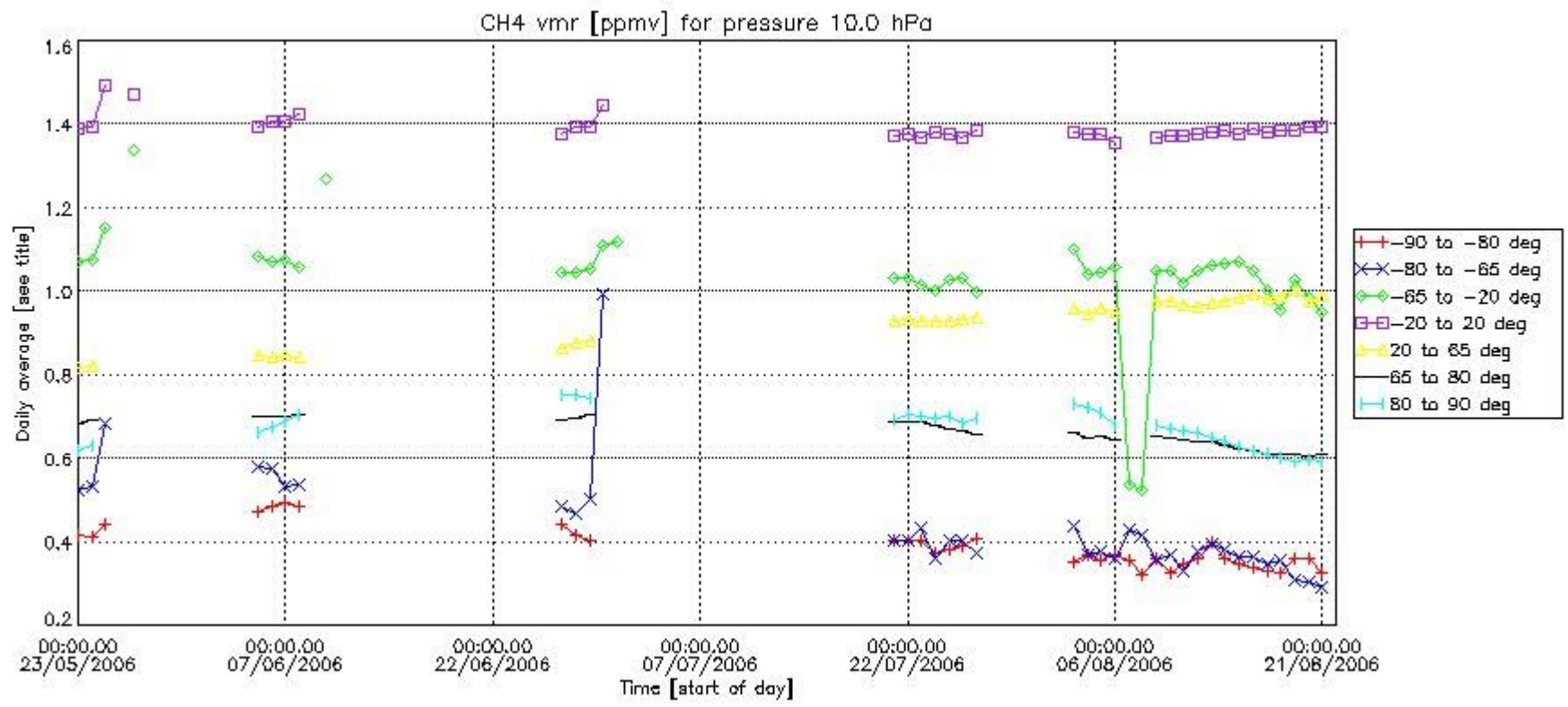


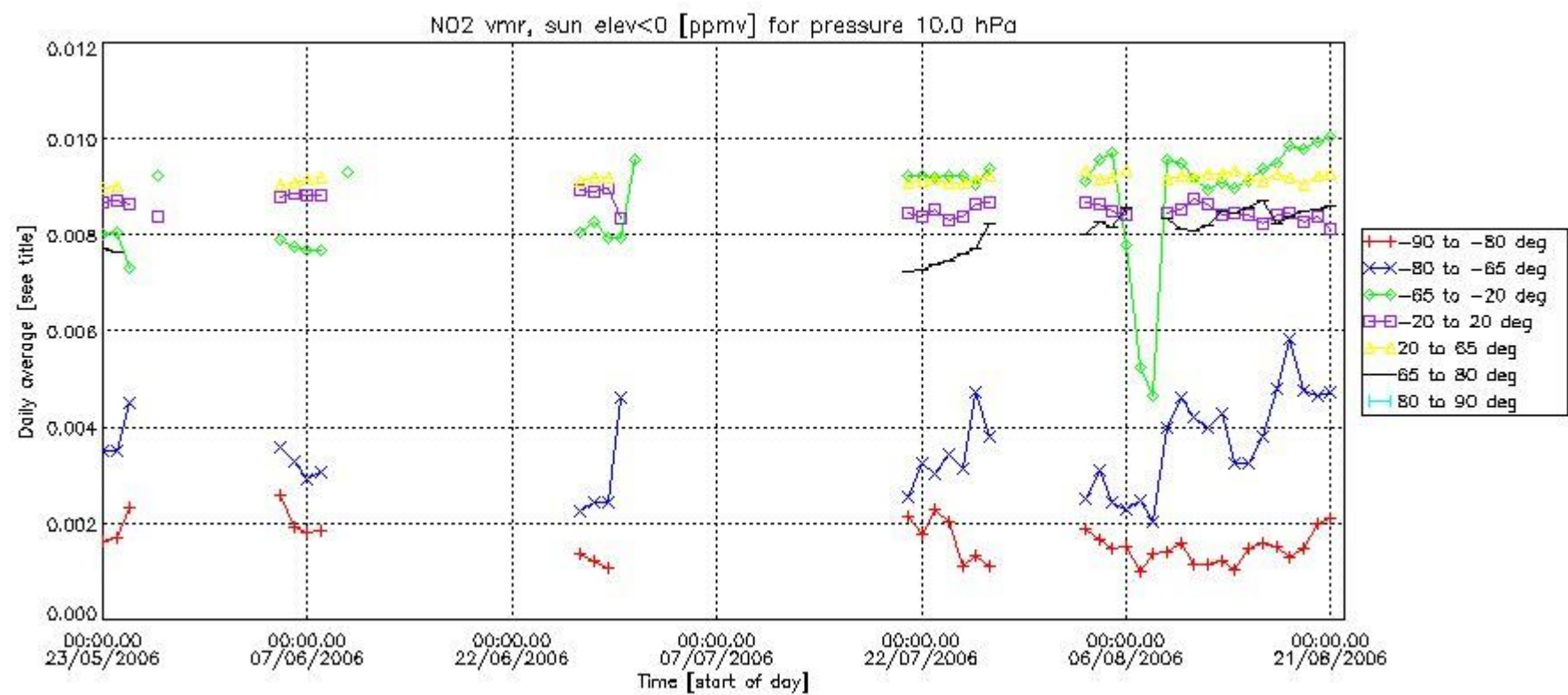
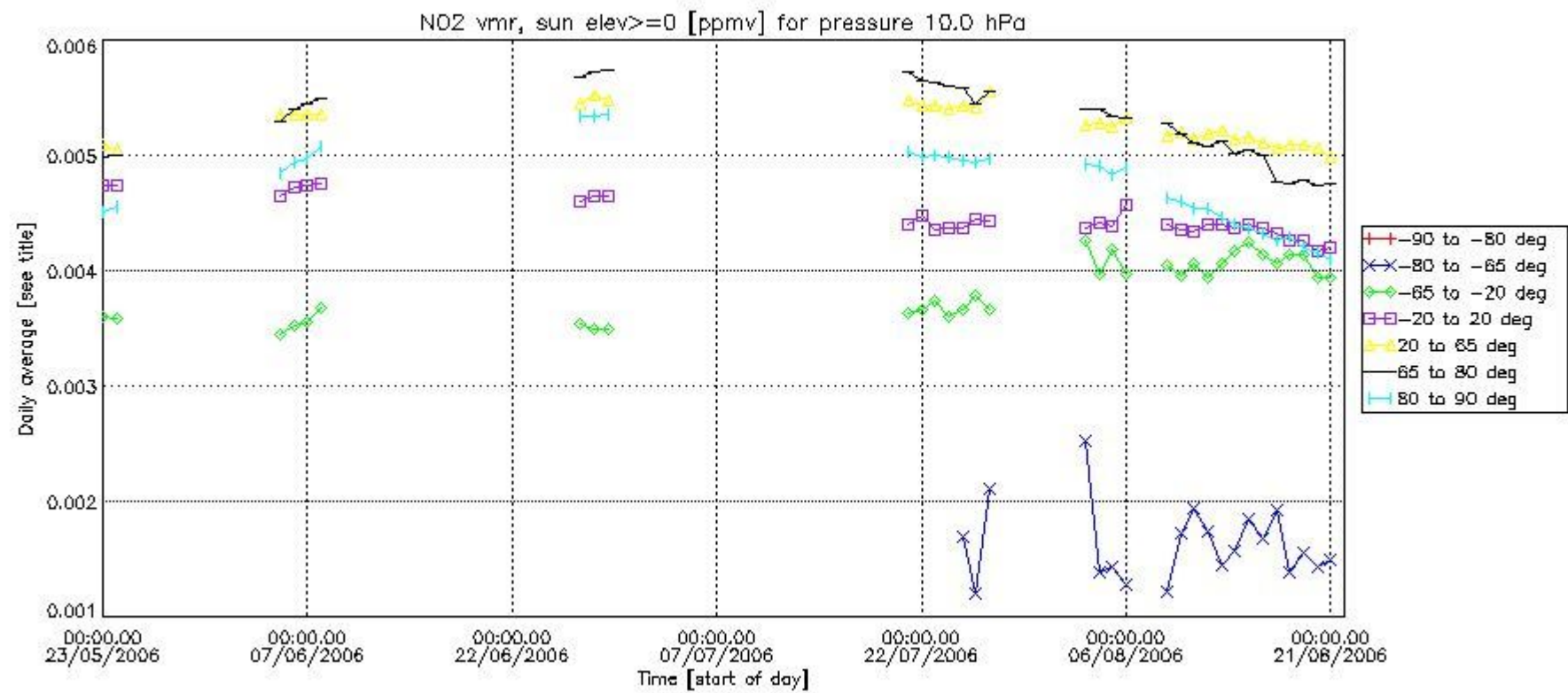


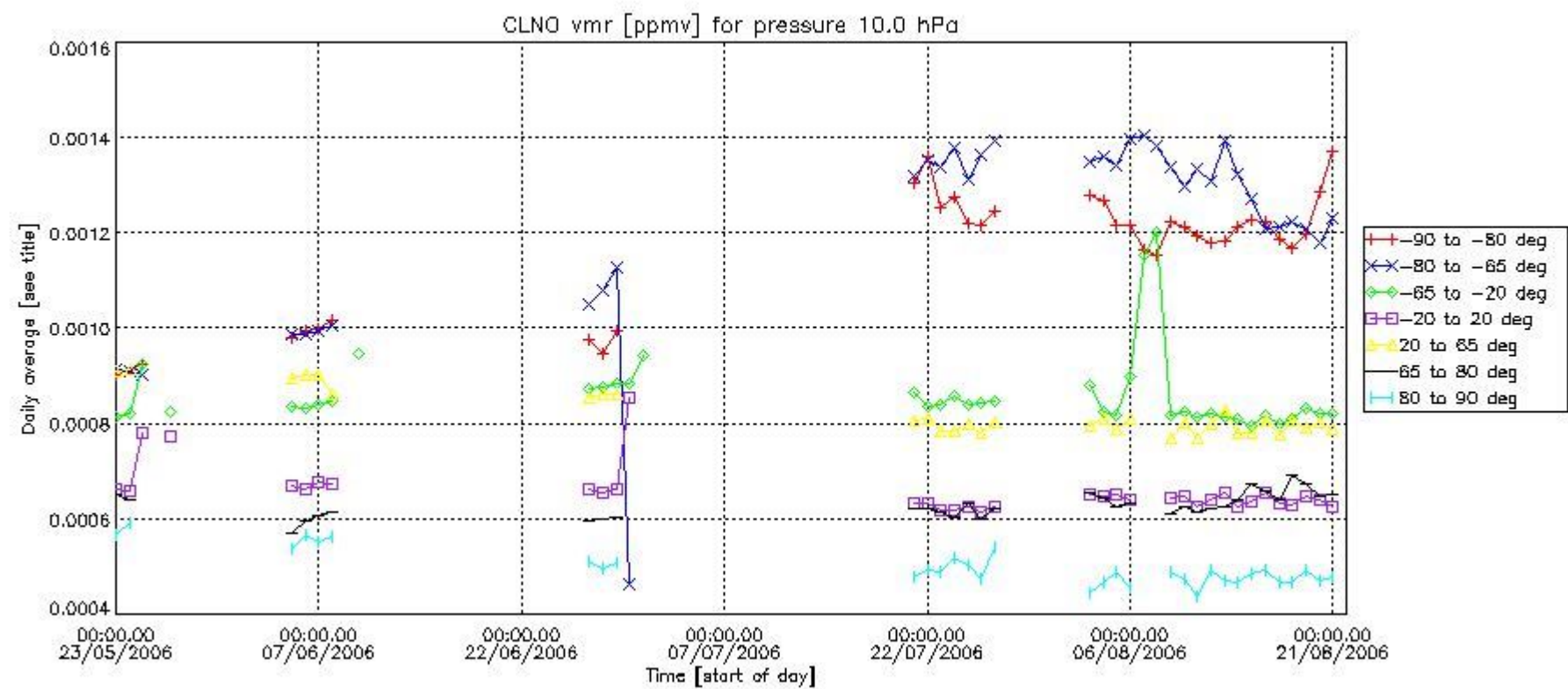
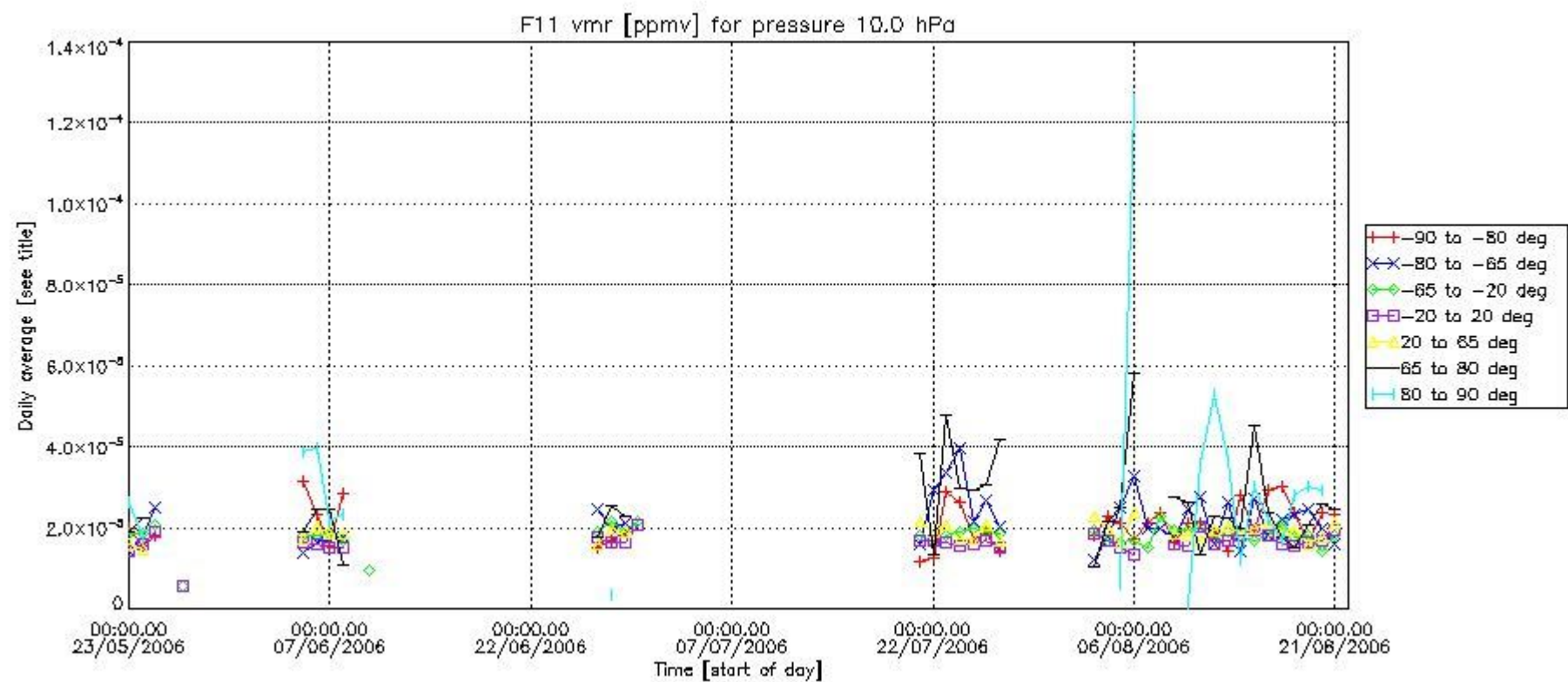




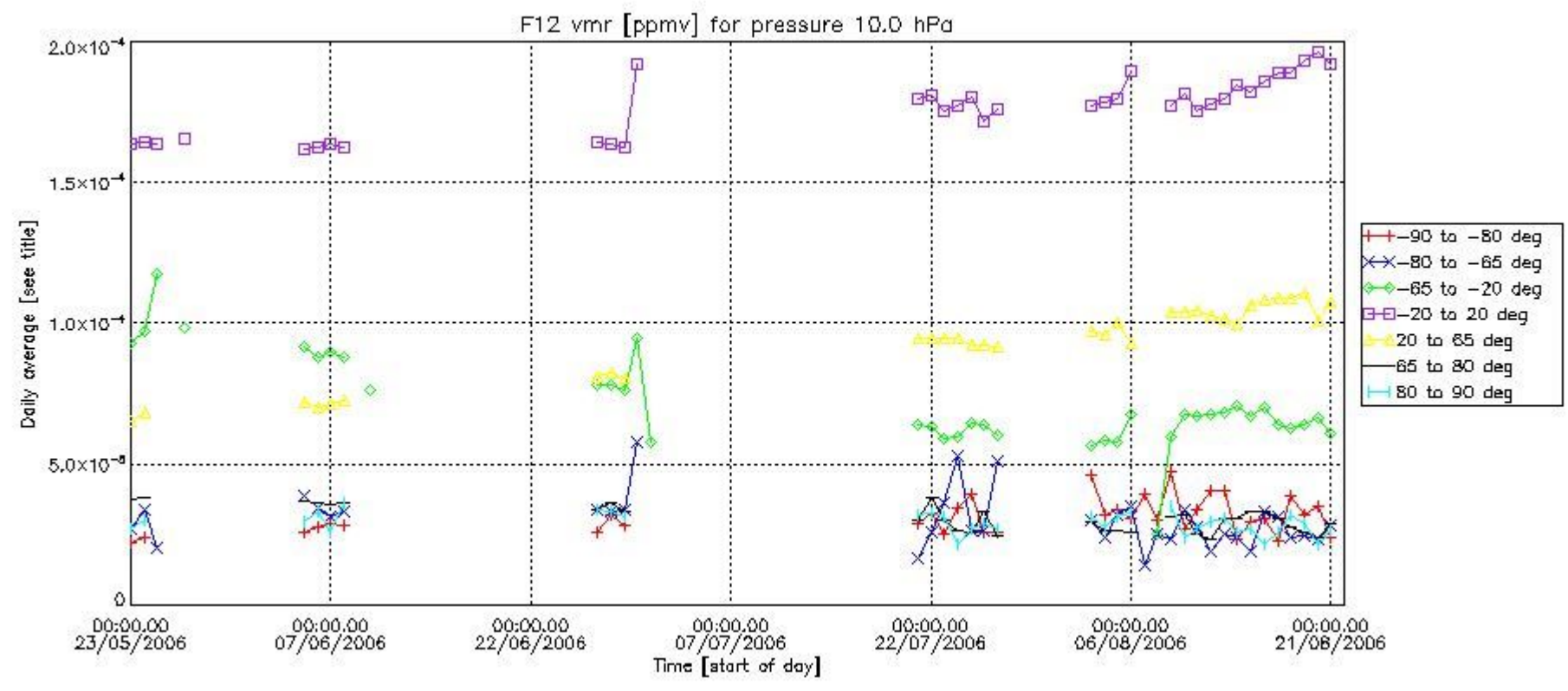
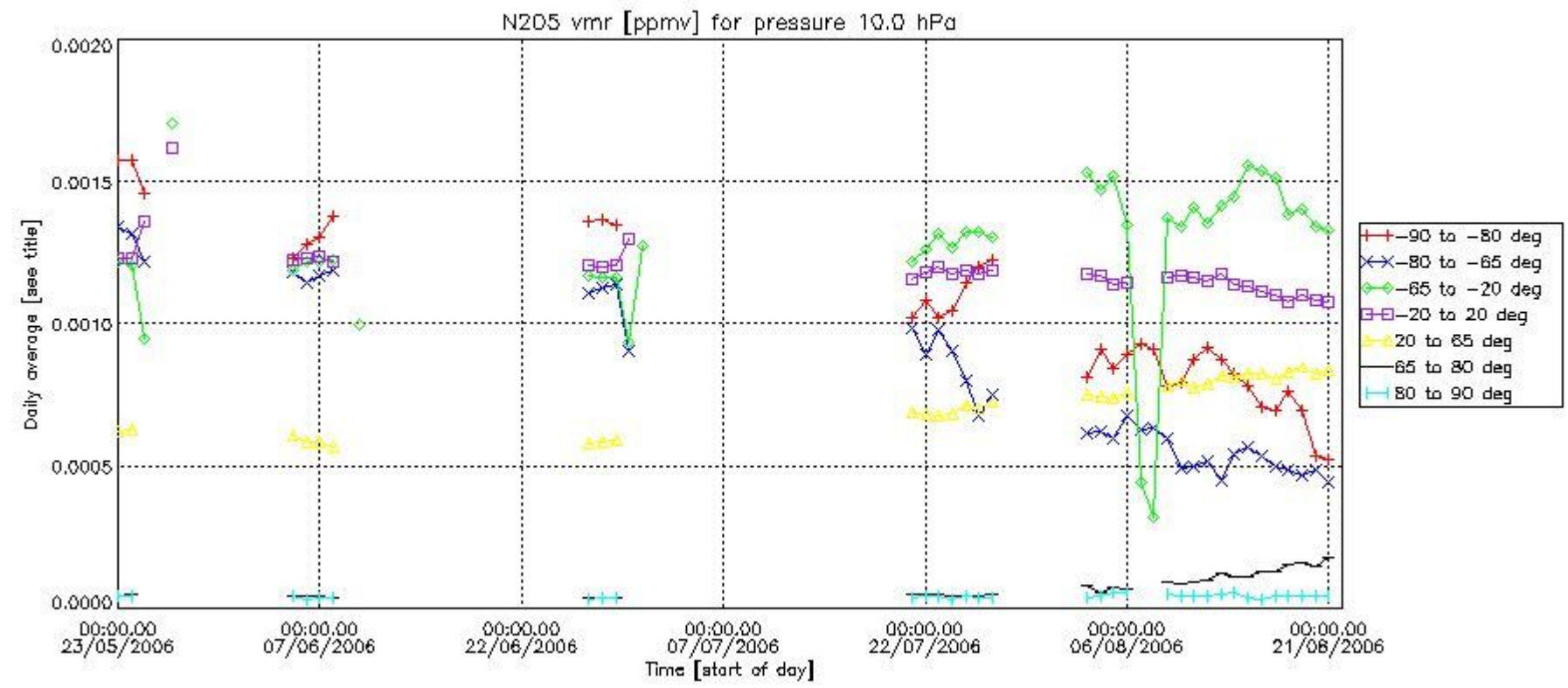


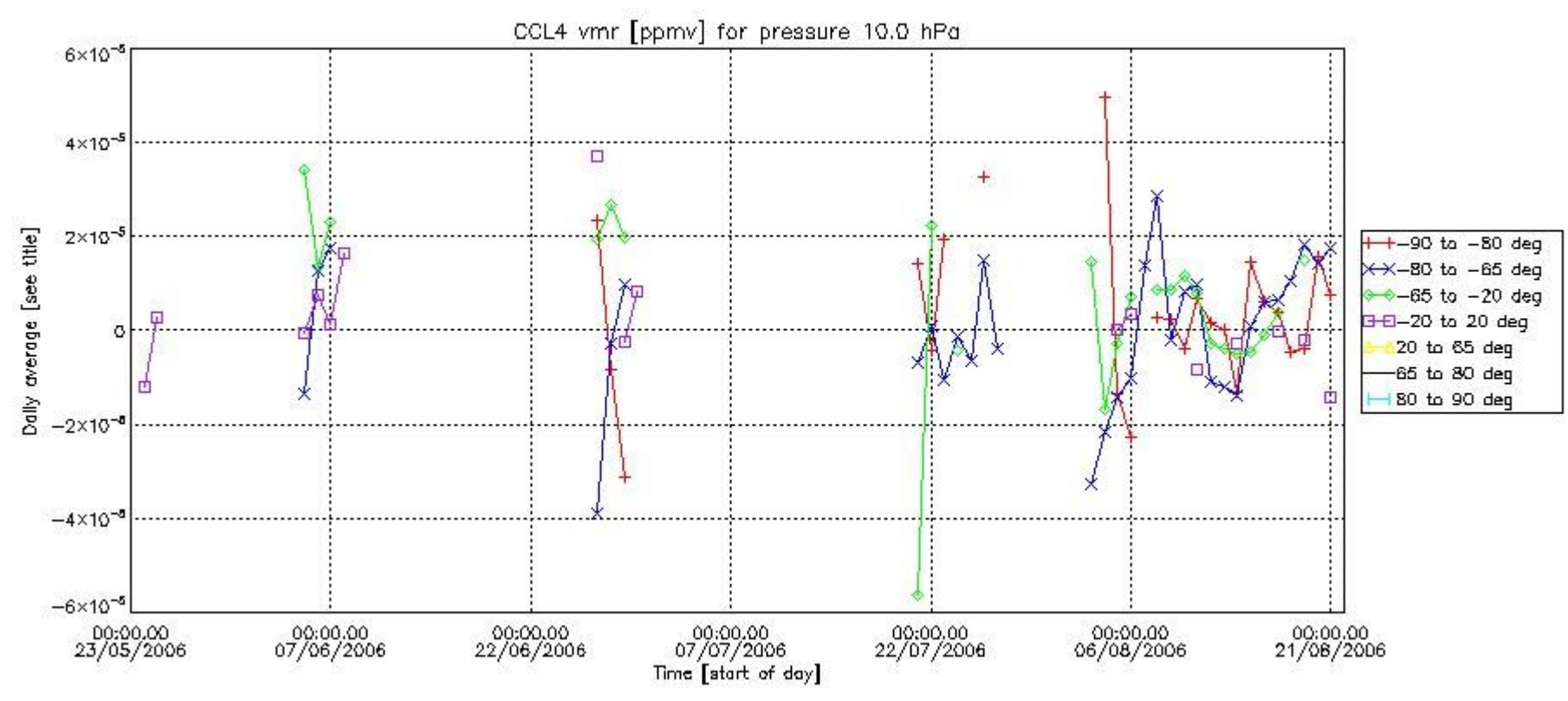
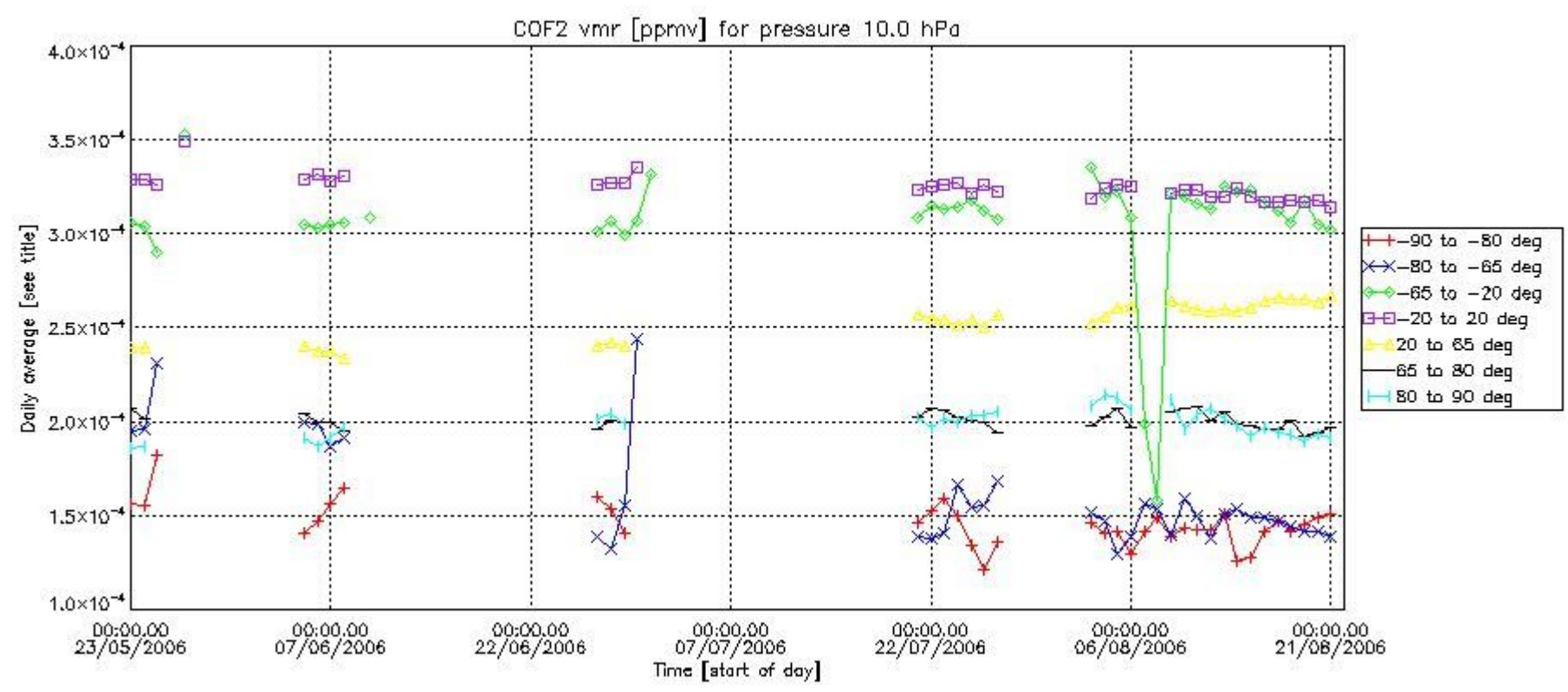


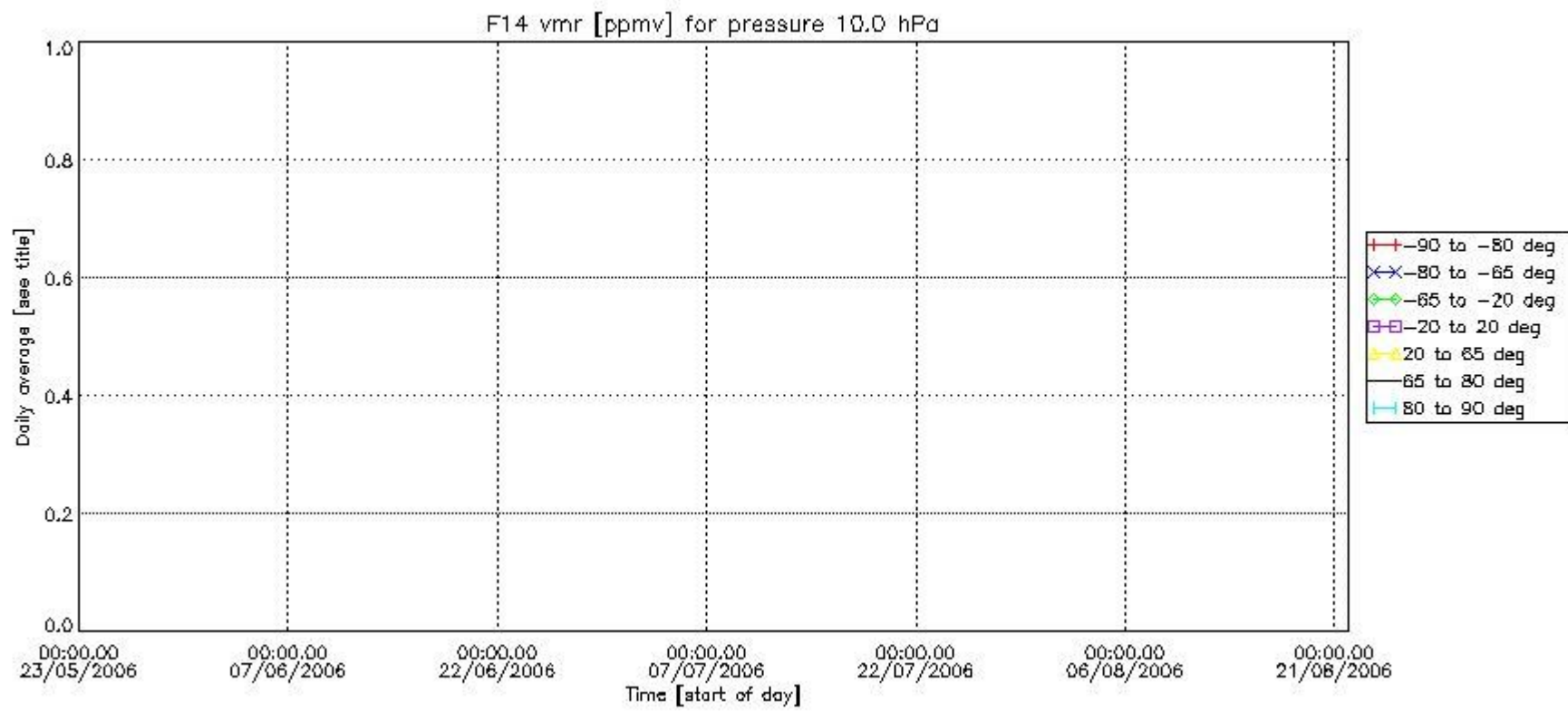
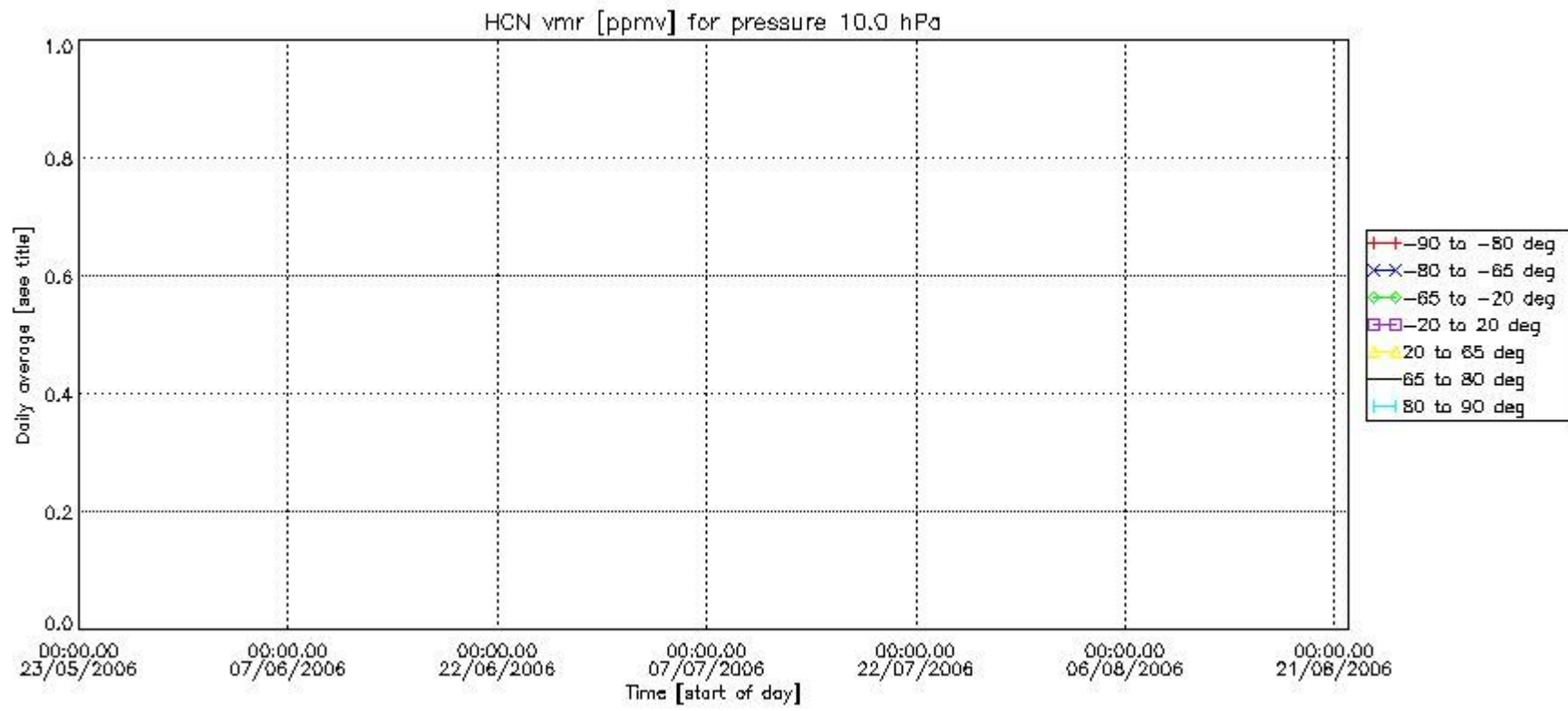


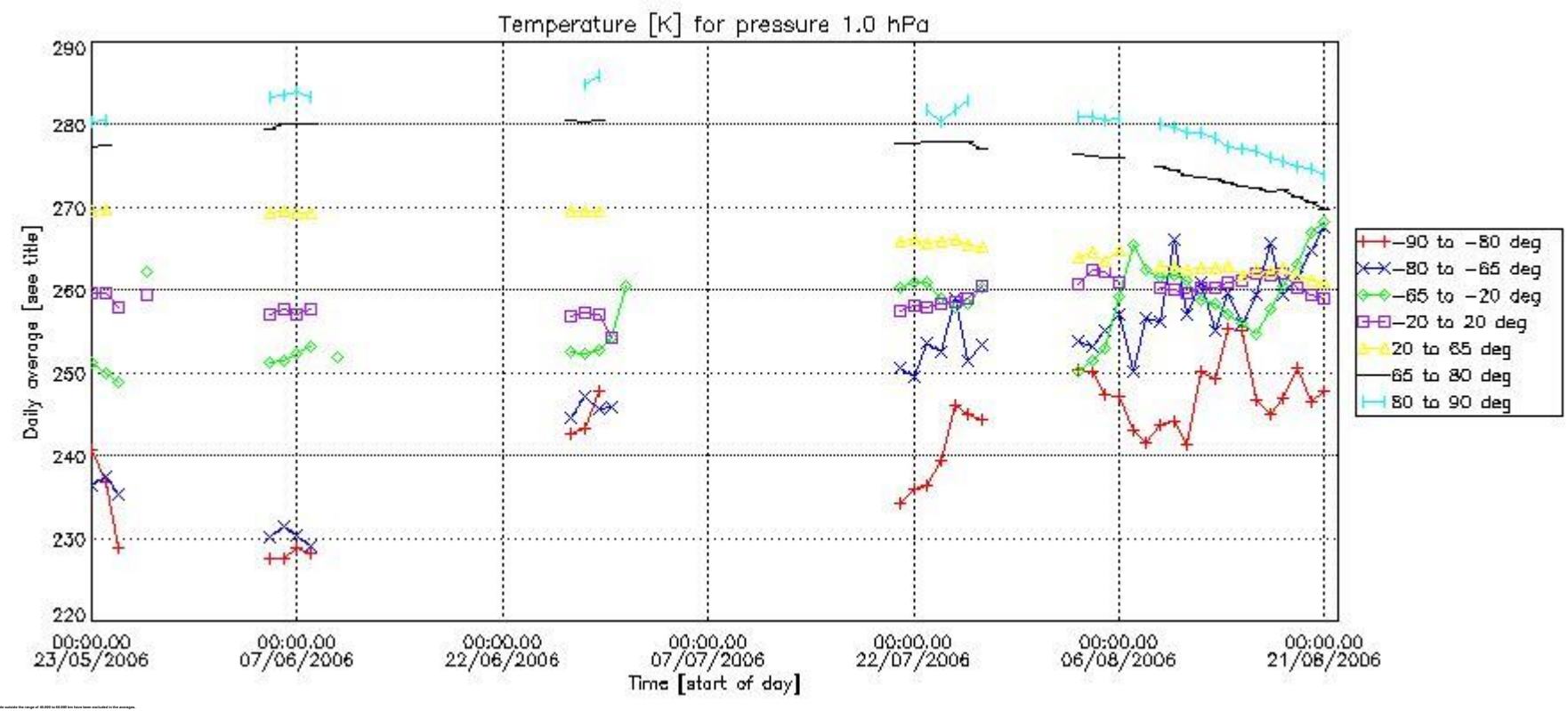
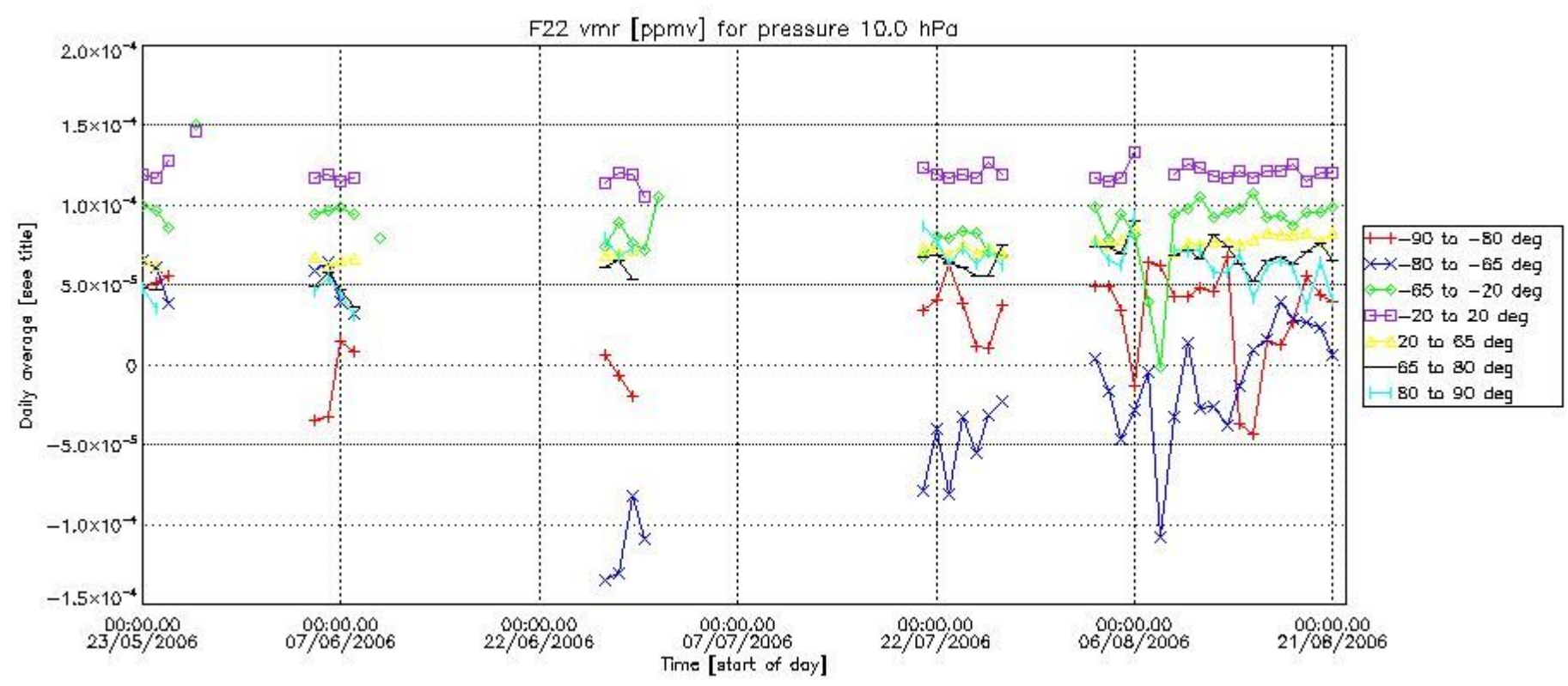


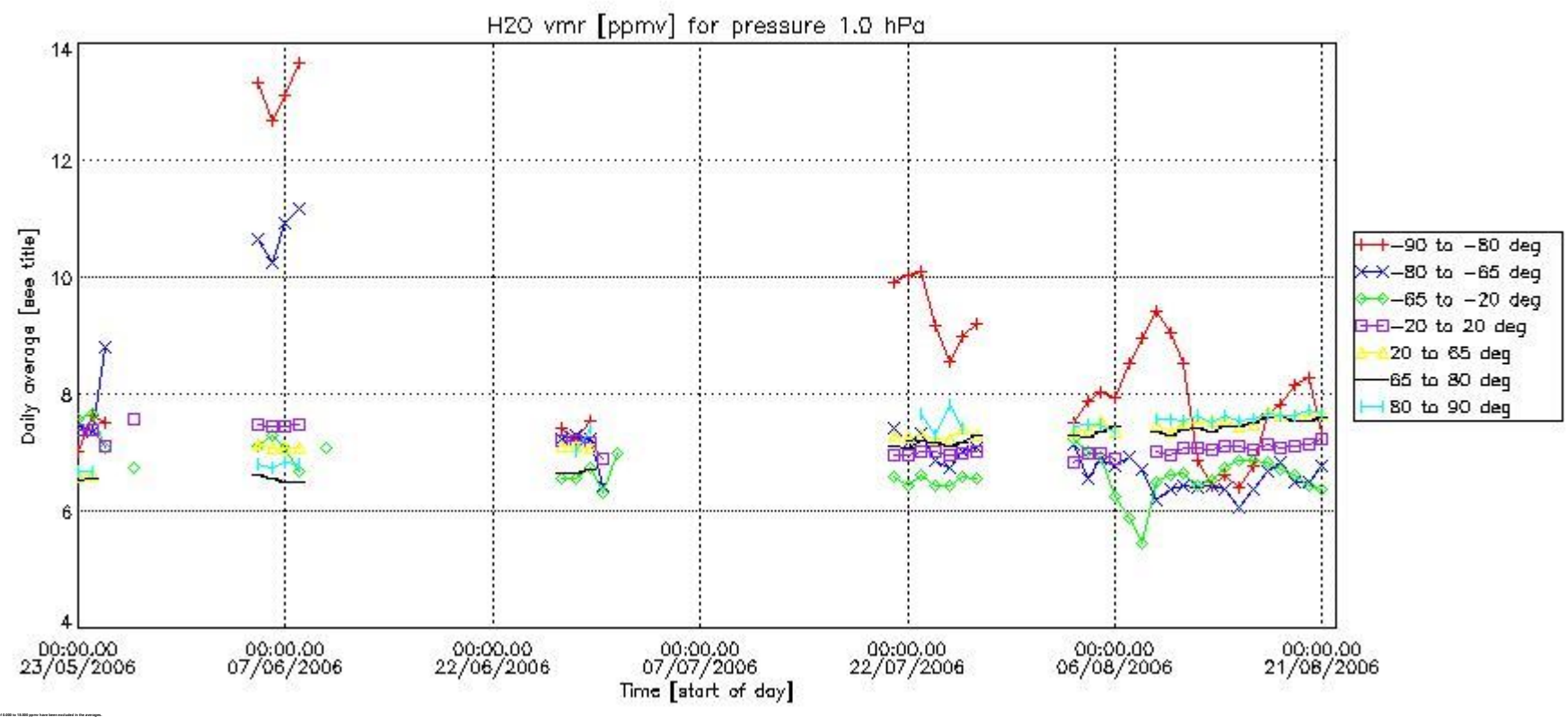
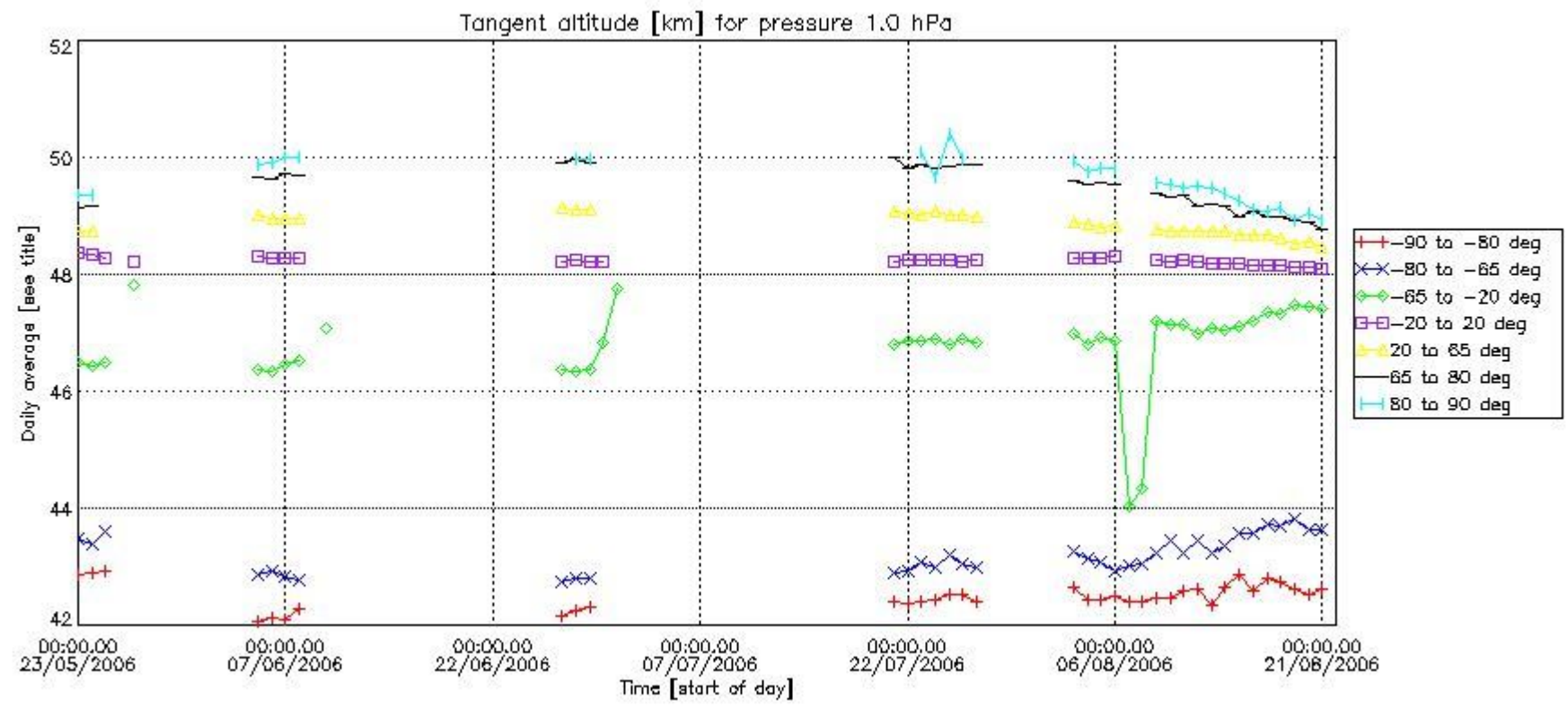


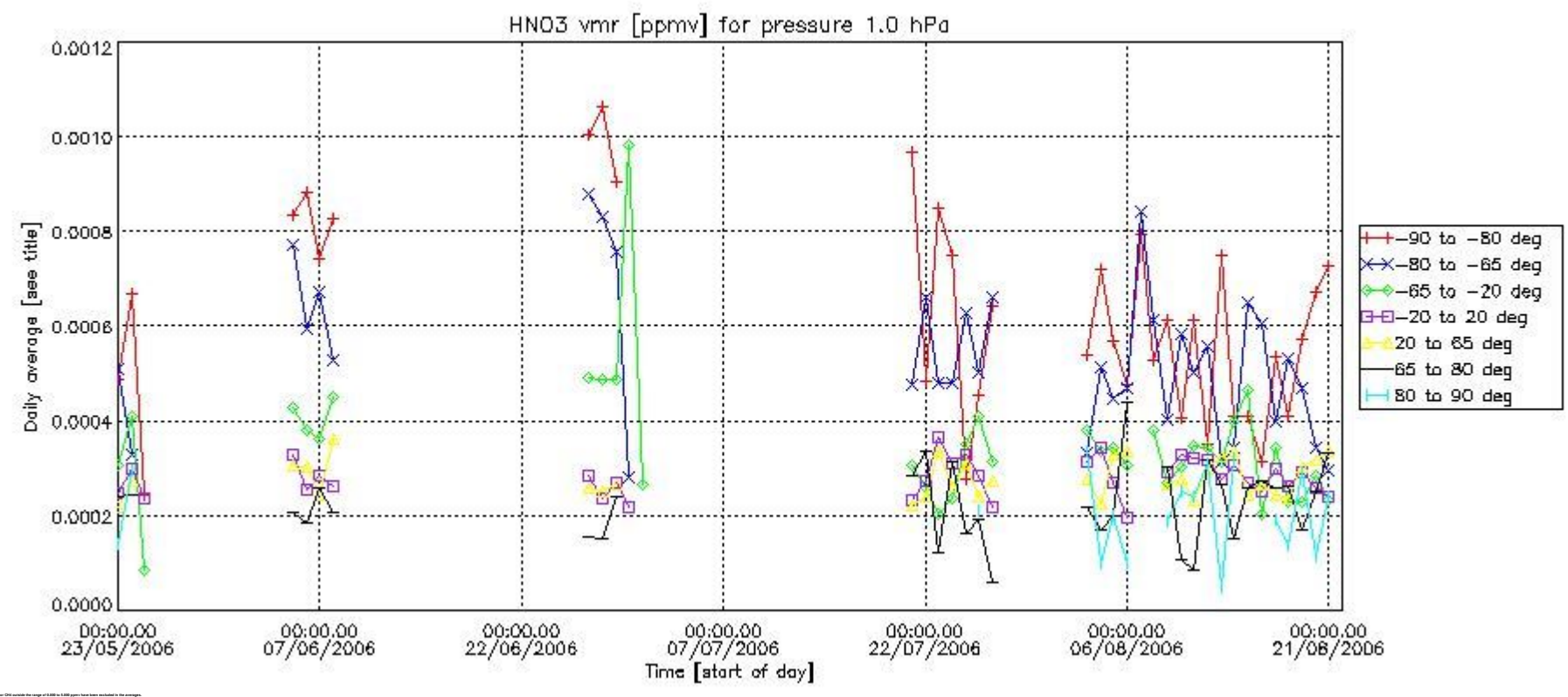
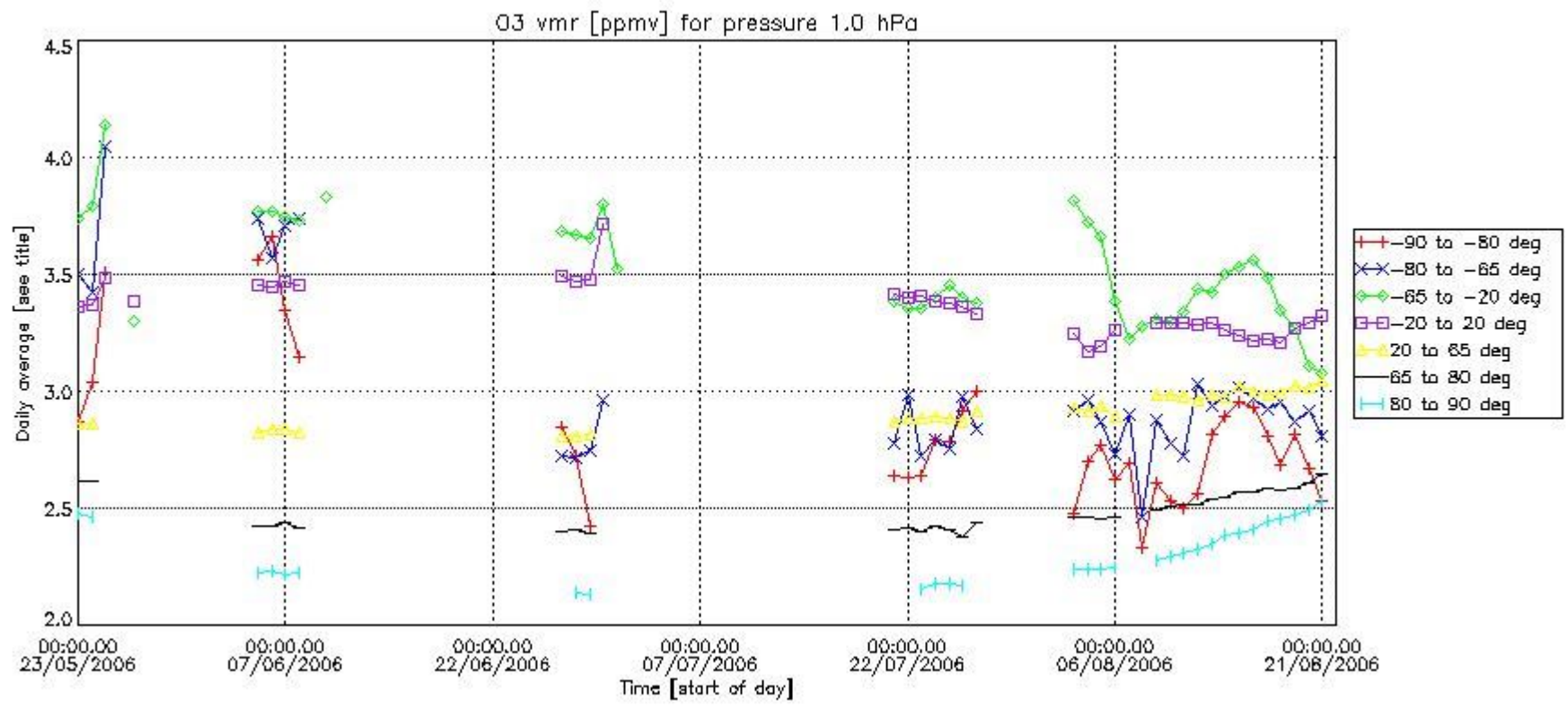


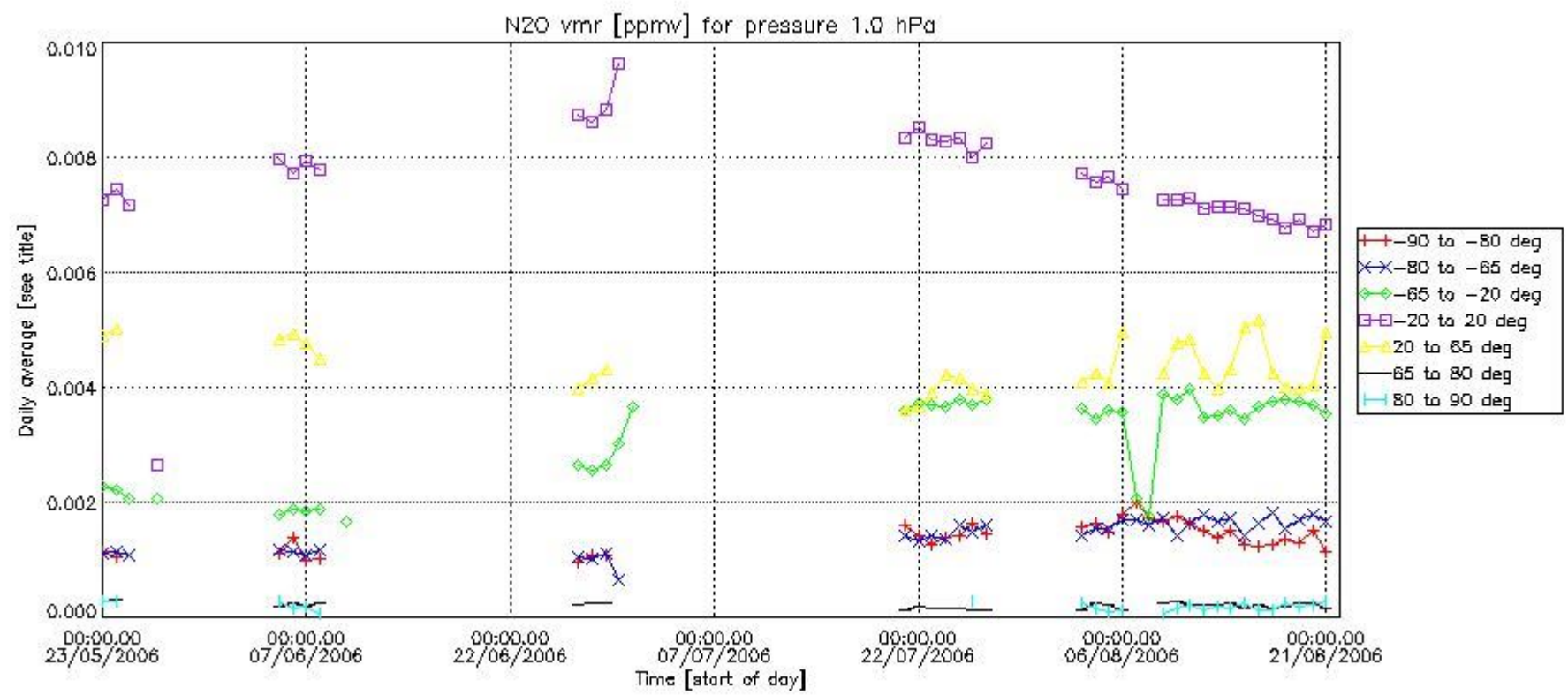
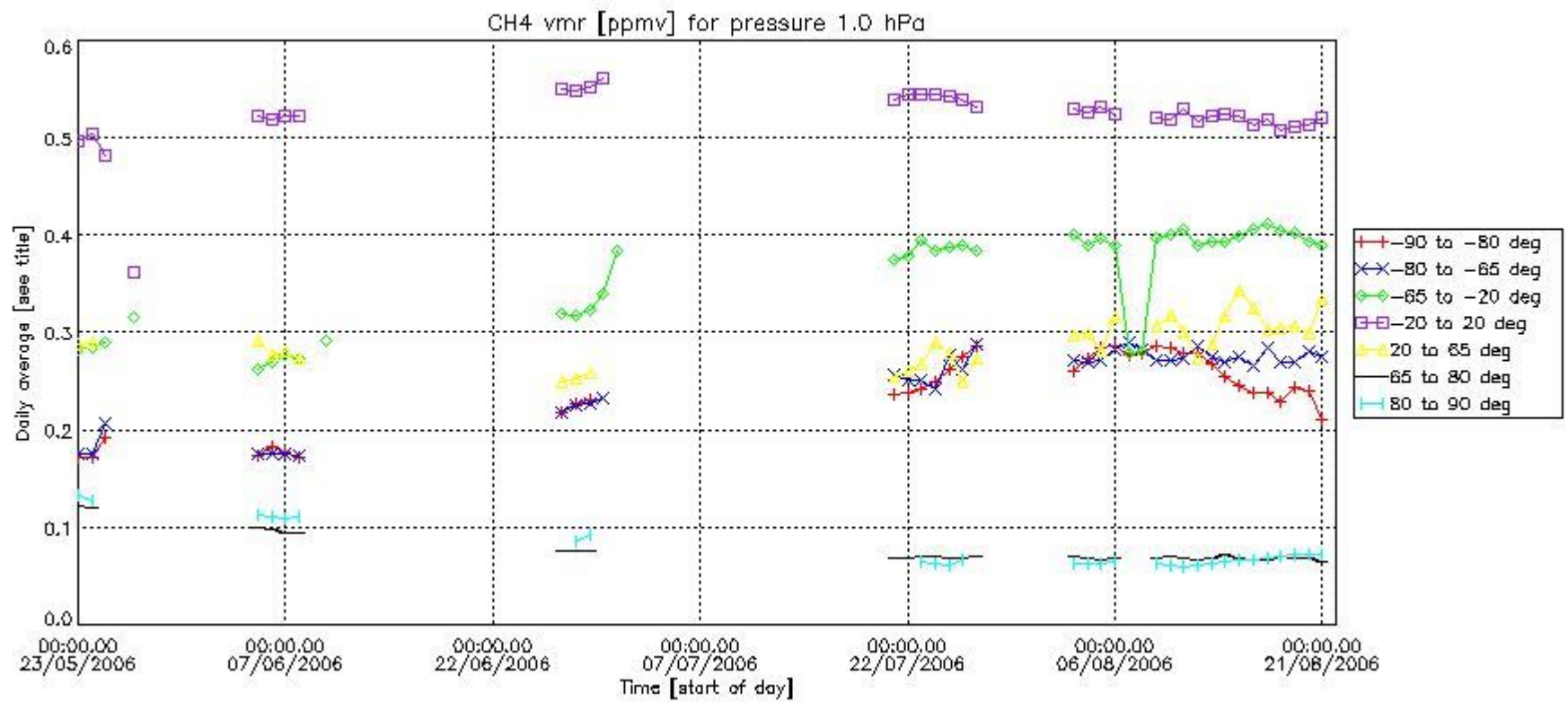


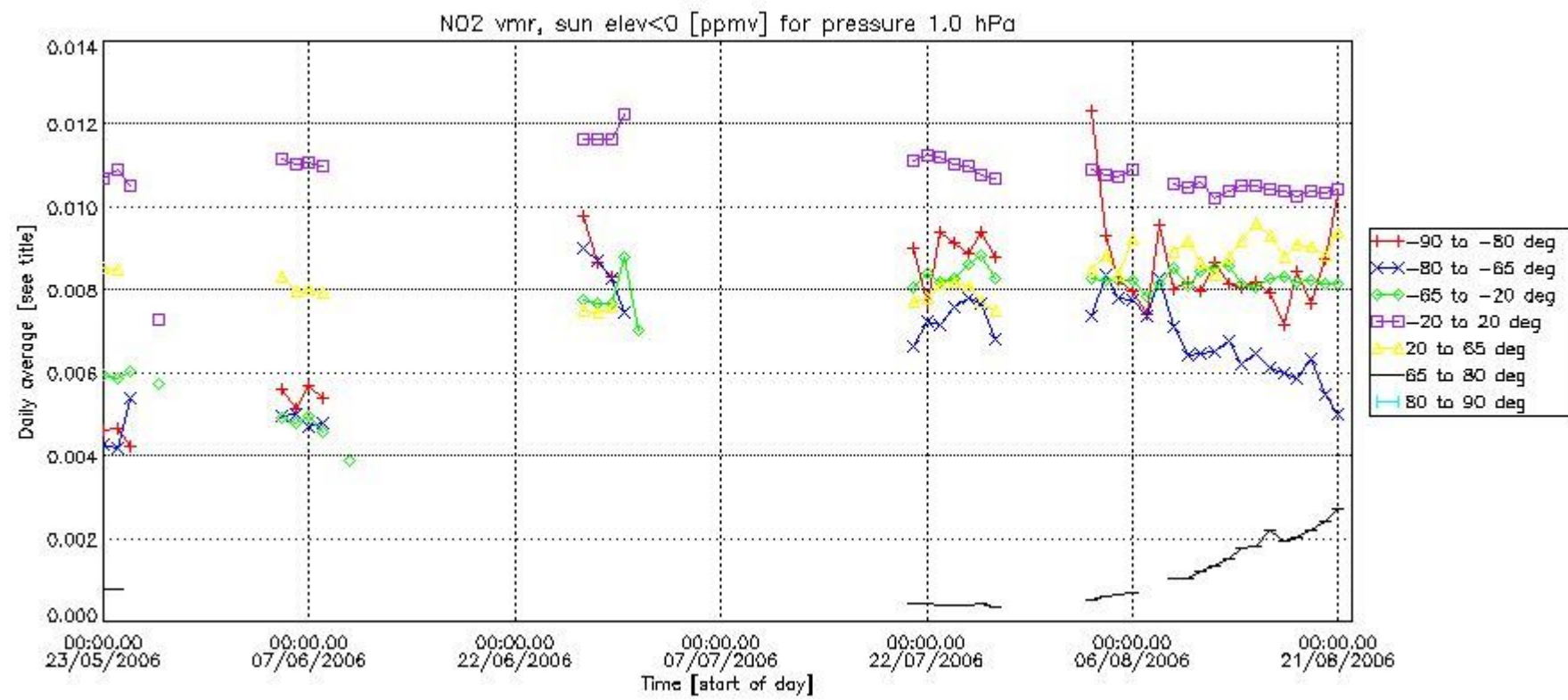
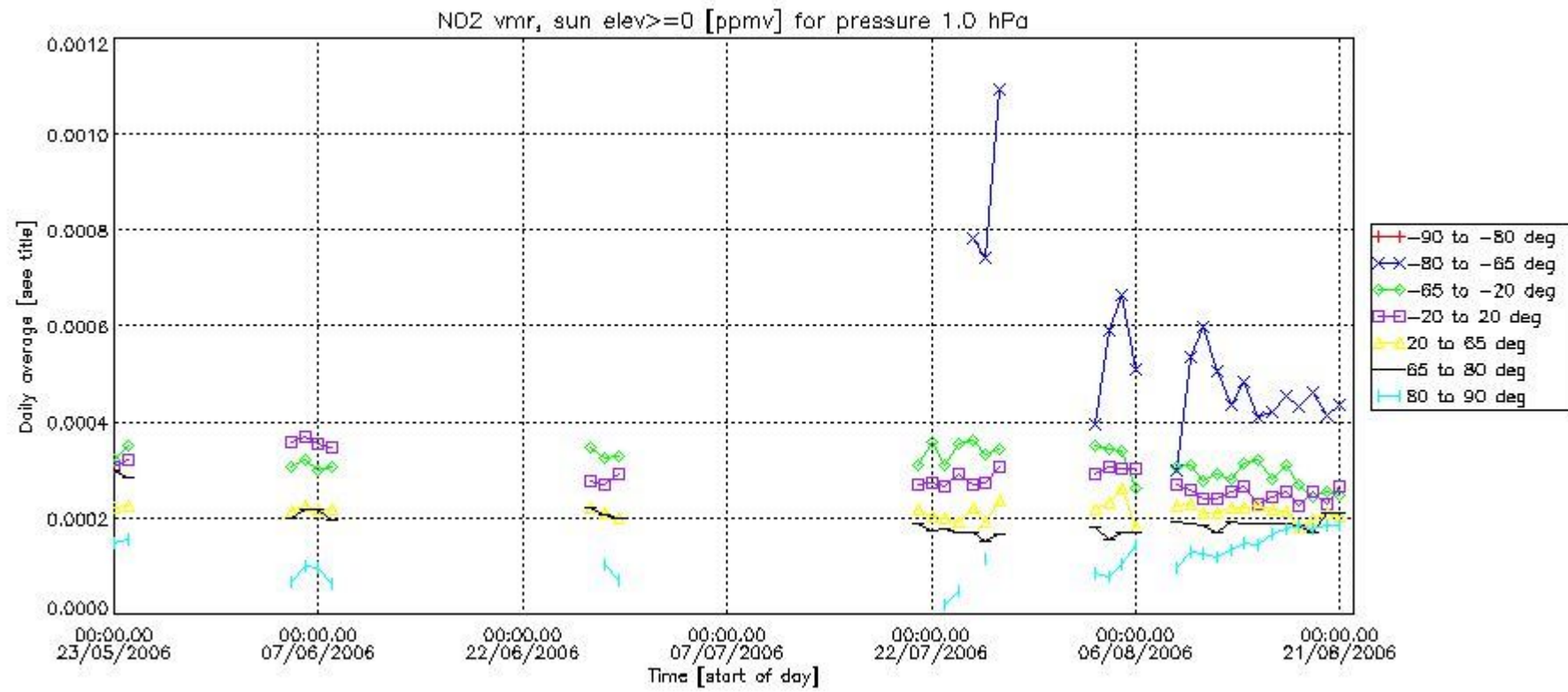




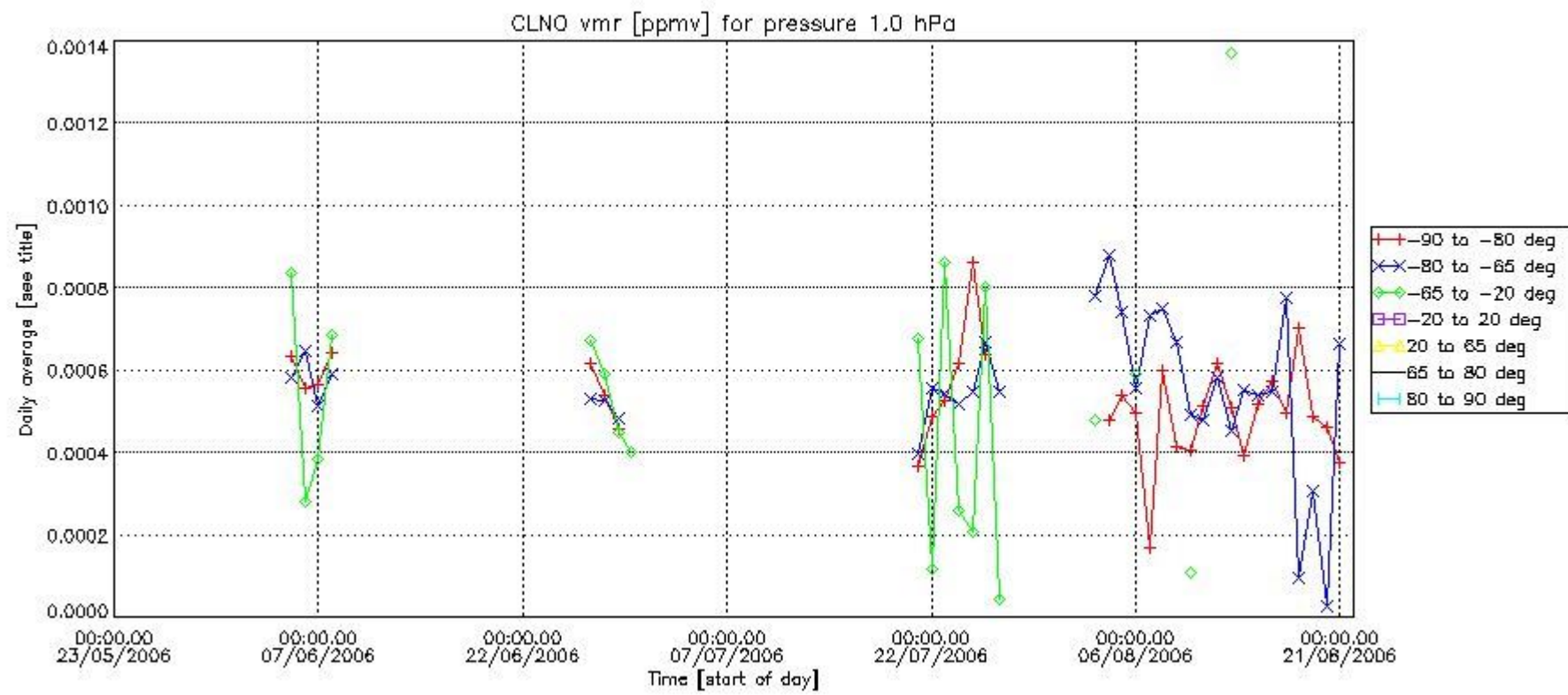
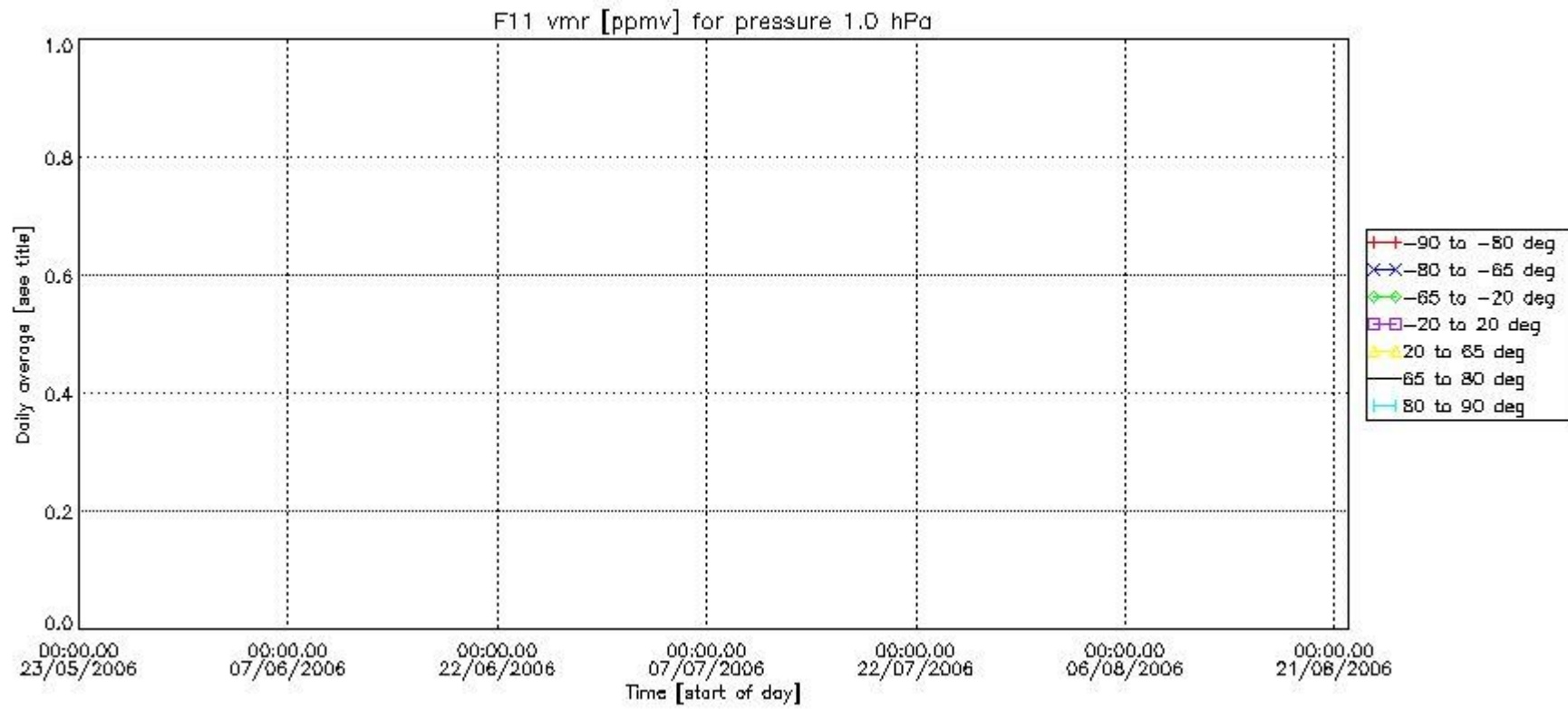


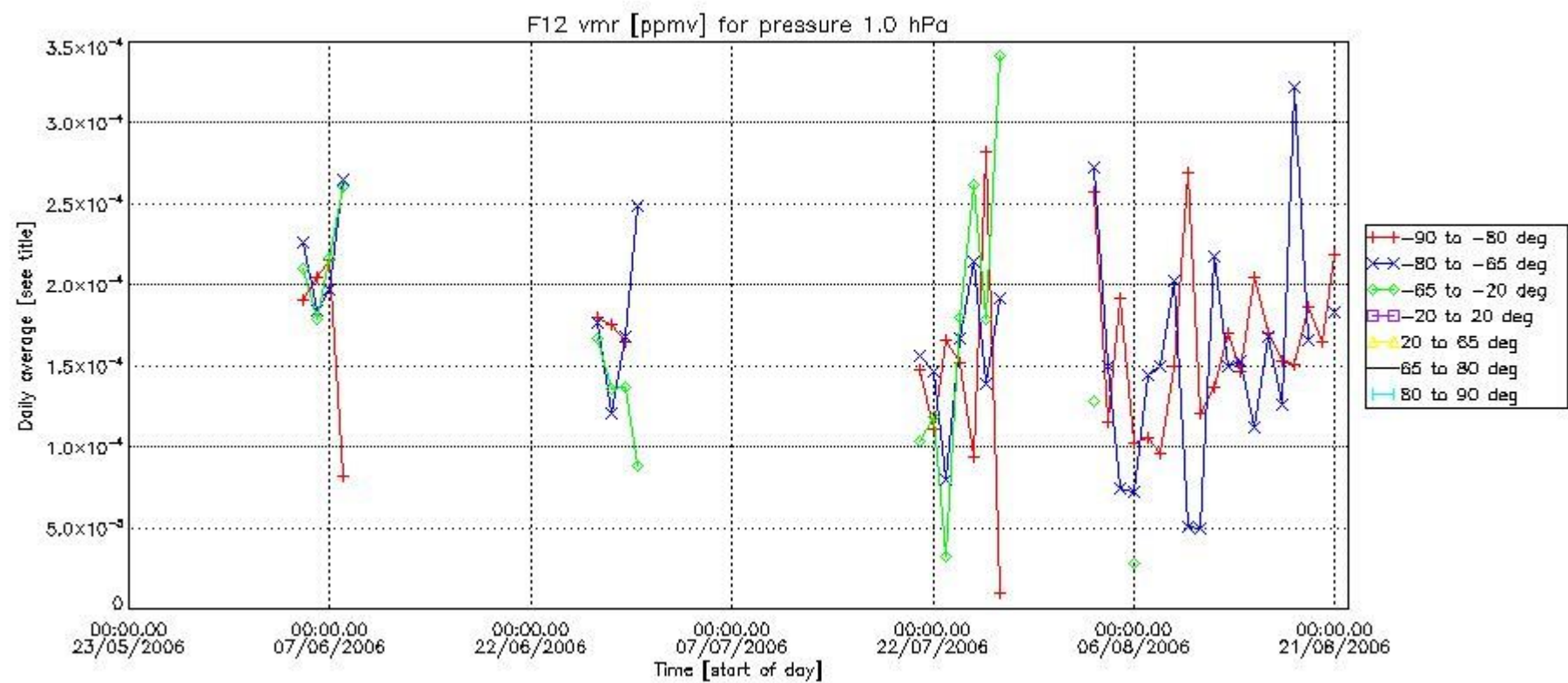
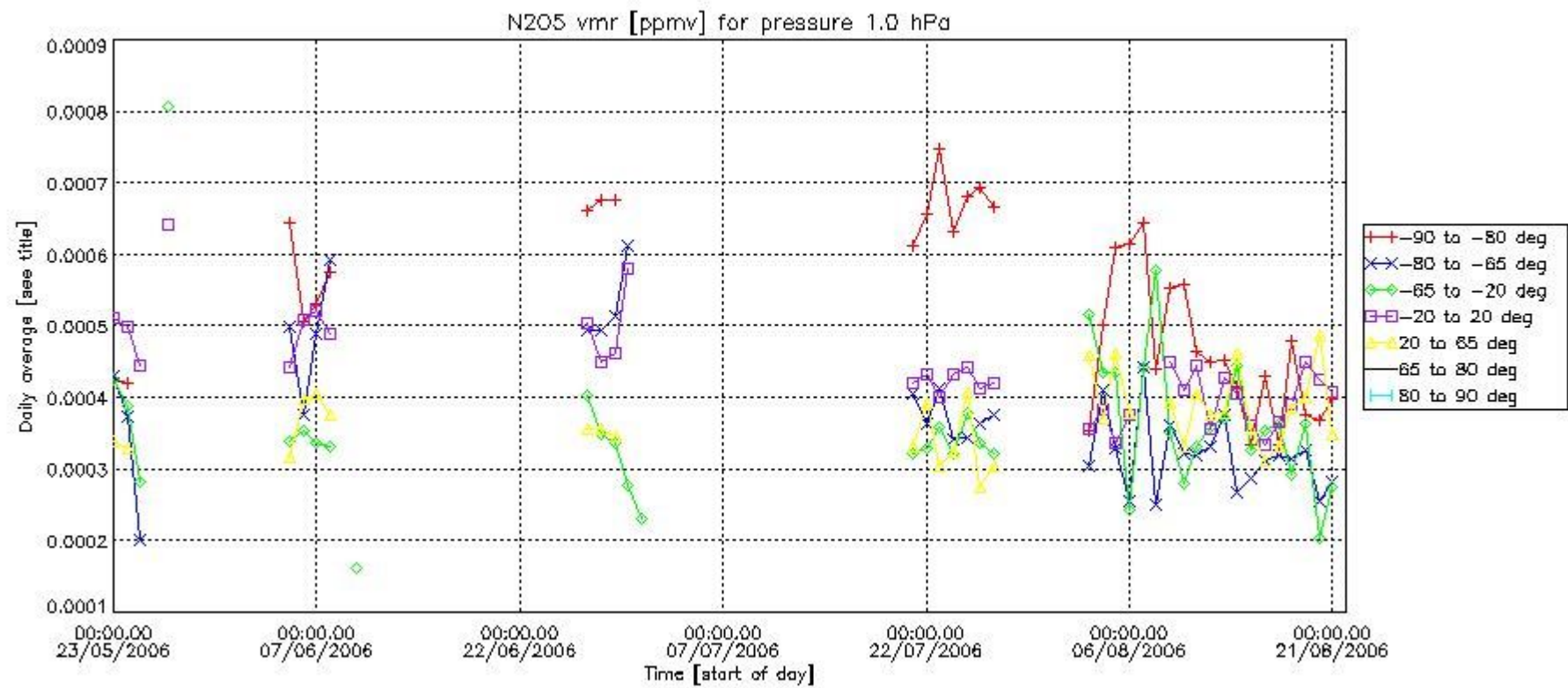


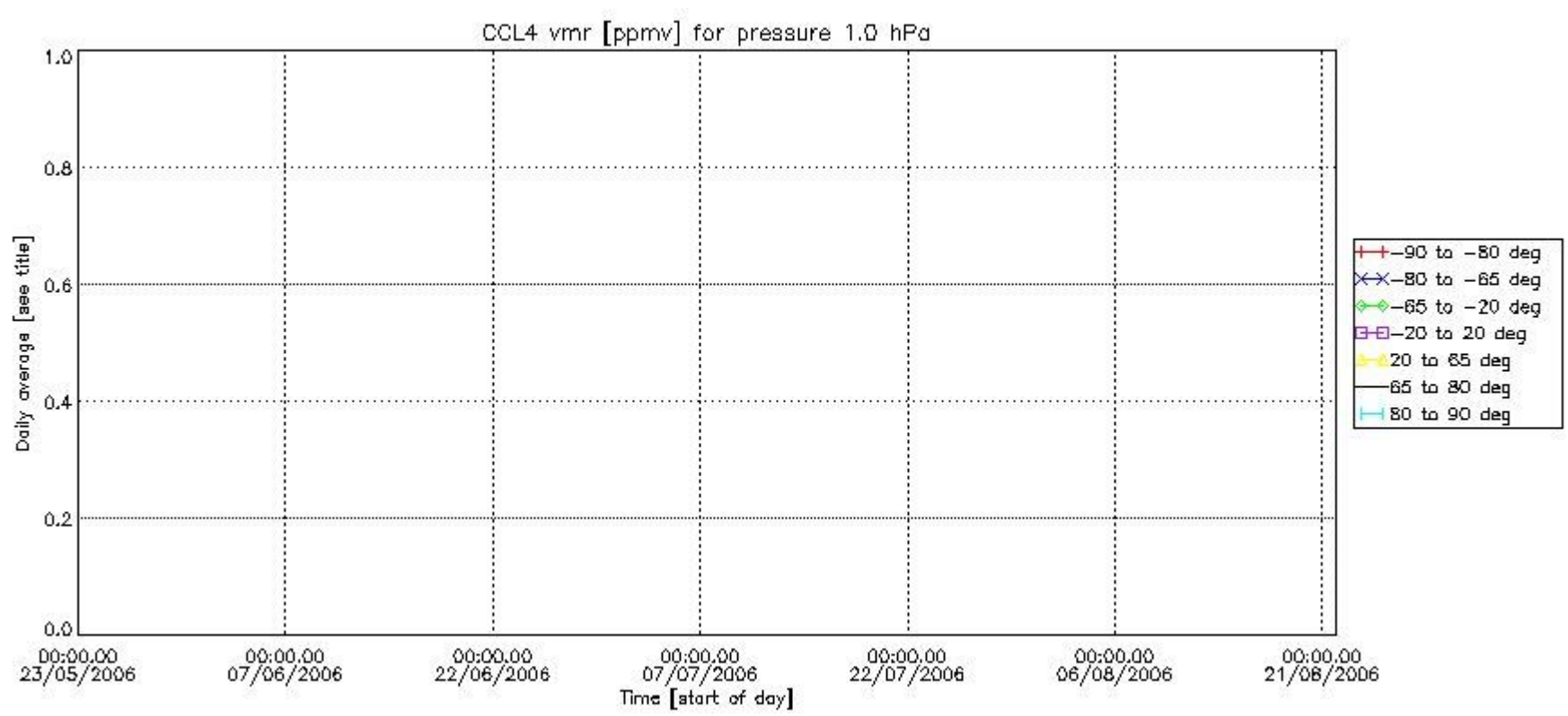
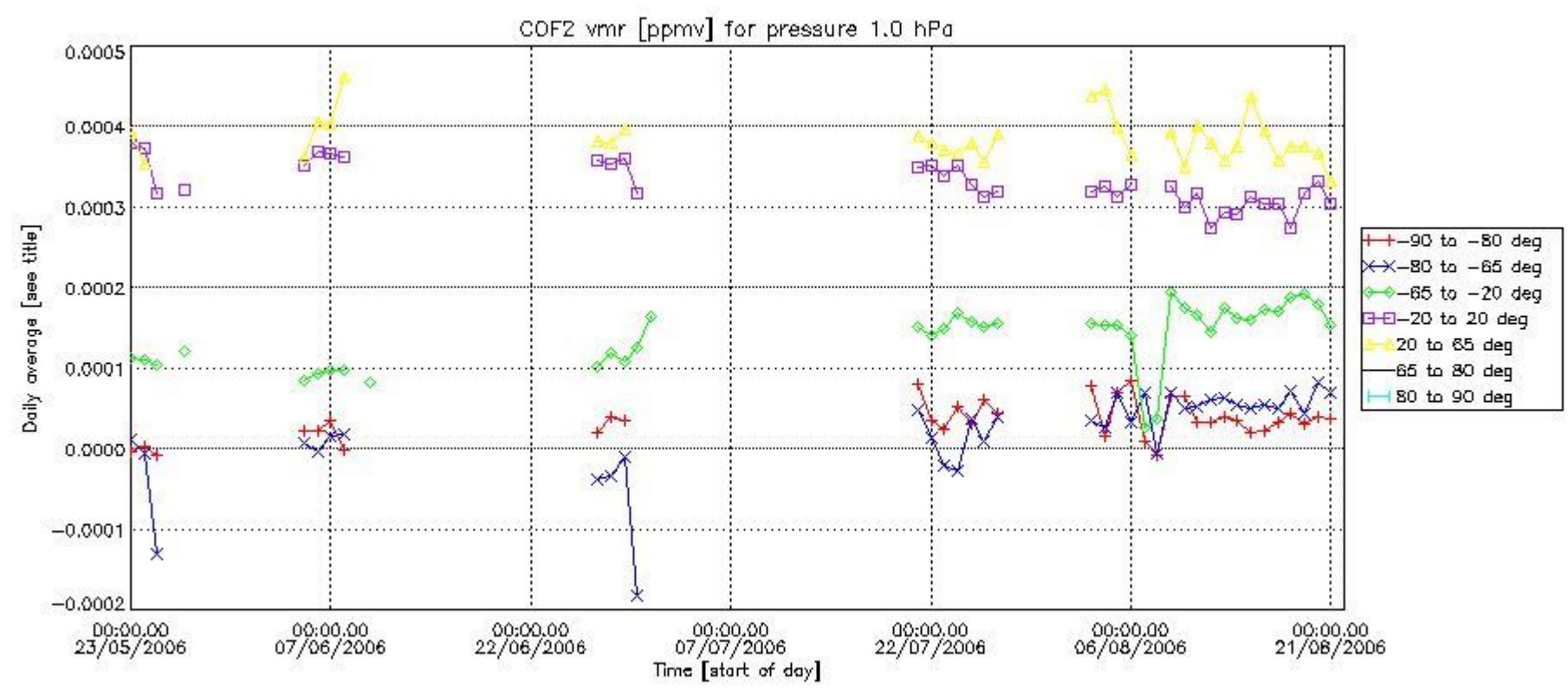


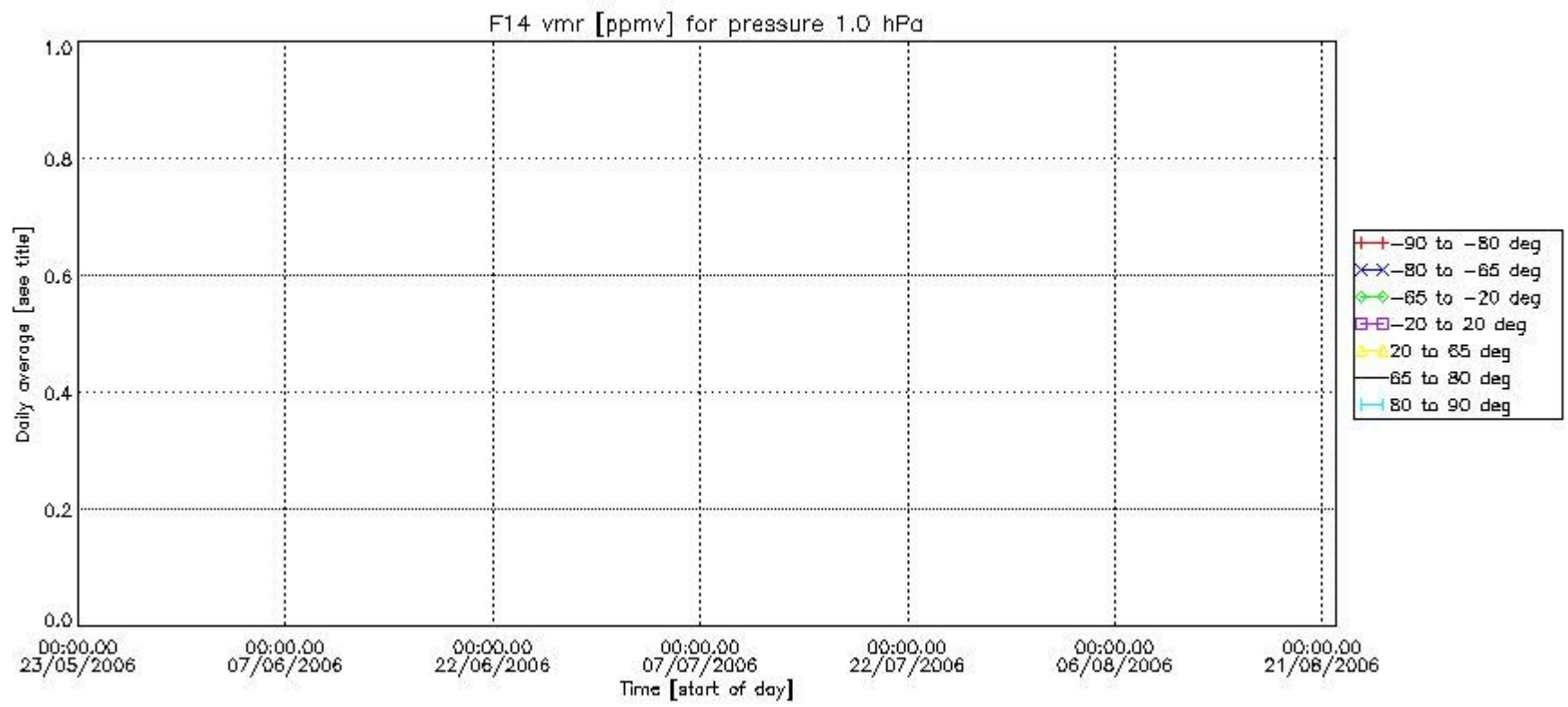
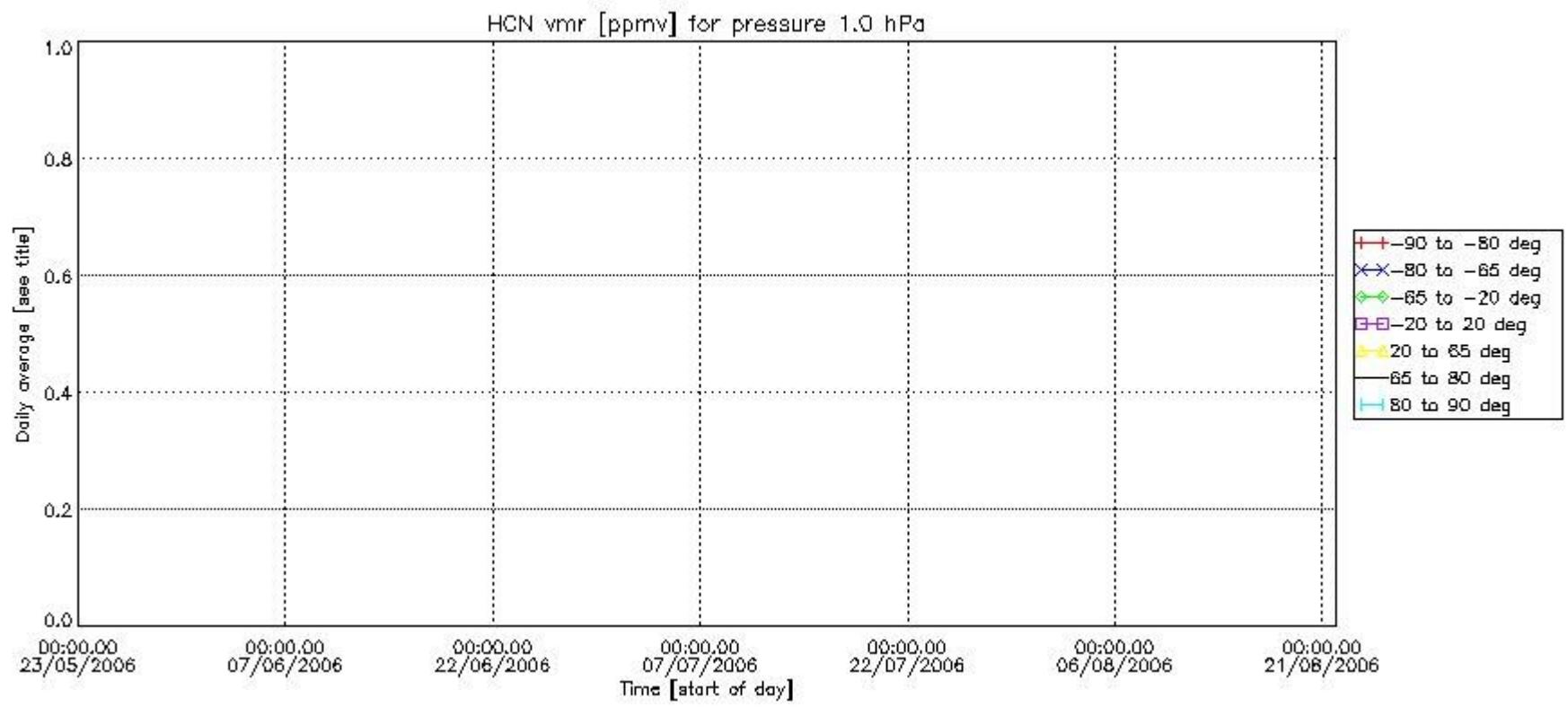


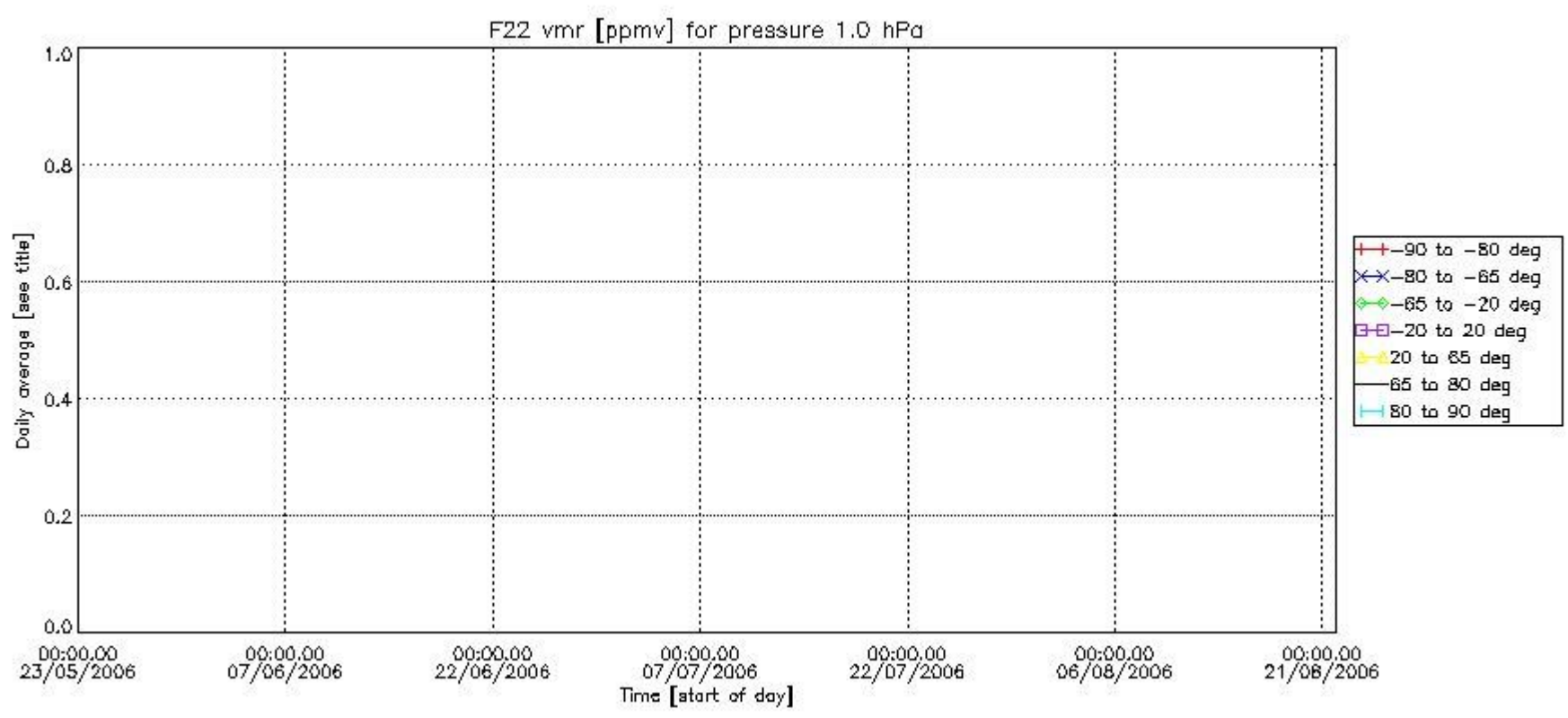












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

