

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060820.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 20:20:40
Data source version	ML2PP/7.03-W
Processing scope for products	20AUG2006 00:00:00 to 21AUG2006 00:00:00
Start time of first product within scope	19AUG2006 23:43:26
Stop time of last product within scope	21AUG2006 00:35:50
Total number of level 2 products	9
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__2PWDSI20060819_234326_000050402050_00274_23374_1000.N1	19AUG2006 23:43:26	20AUG2006 01:07:27	0	111/111	VMR_TERM_MACRO_MICRO[HCN/macro:2; F14/macro:1; HCN/micro:1]
1	MIP_NL__2PWDSI20060820_074443_000012532050_00278_23378_1000.N1	20AUG2006 07:44:43	20AUG2006 08:05:36	0	24/24	
2	MIP_NL__2PWDSI20060820_080626_000060302050_00279_23379_1000.N1	20AUG2006 08:06:26	20AUG2006 09:46:56	0	109/109	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; O3/micro:1; HCN/micro:1]
3	MIP_NL__2PWDSI20060820_094702_000060302050_00280_23380_1000.N1	20AUG2006 09:47:02	20AUG2006 11:27:32	0	128/128	P_T_TERM_MACRO_MICRO[macro:1], VMR_TERM_MACRO_MICRO[HCN/macro:2; F14/macro:1; CLNO/micro:1; HCN/micro:2]
4	MIP_NL__2PWDSI20060820_112738_000050402050_00281_23381_1000.N1	20AUG2006 11:27:38	20AUG2006 12:51:38	0	111/111	VMR_TERM_MACRO_MICRO[HCN/macro:3; F14/macro:4; H2O/micro:1; NO2/micro:1]
5	MIP_NL__2PWDSI20060820_192855_000012532050_00285_23385_1000.N1	20AUG2006 19:28:55	20AUG2006 19:49:47	0	24/24	VMR_TERM_MACRO_MICRO[F14/macro:1]
6	MIP_NL__2PWDSI20060820_195038_000060302050_00286_23386_1000.N1	20AUG2006 19:50:38	20AUG2006 21:31:07	0	128/128	VMR_TERM_MACRO_MICRO[NO2/micro:1; CLNO/micro:3; HCN/micro:1]
7	MIP_NL__2PWDSI20060820_213114_000060302050_00287_23387_1000.N1	20AUG2006 21:31:14	20AUG2006 23:11:43	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:2; F14/macro:1; CLNO/micro:1; HCN/micro:6]
8	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]

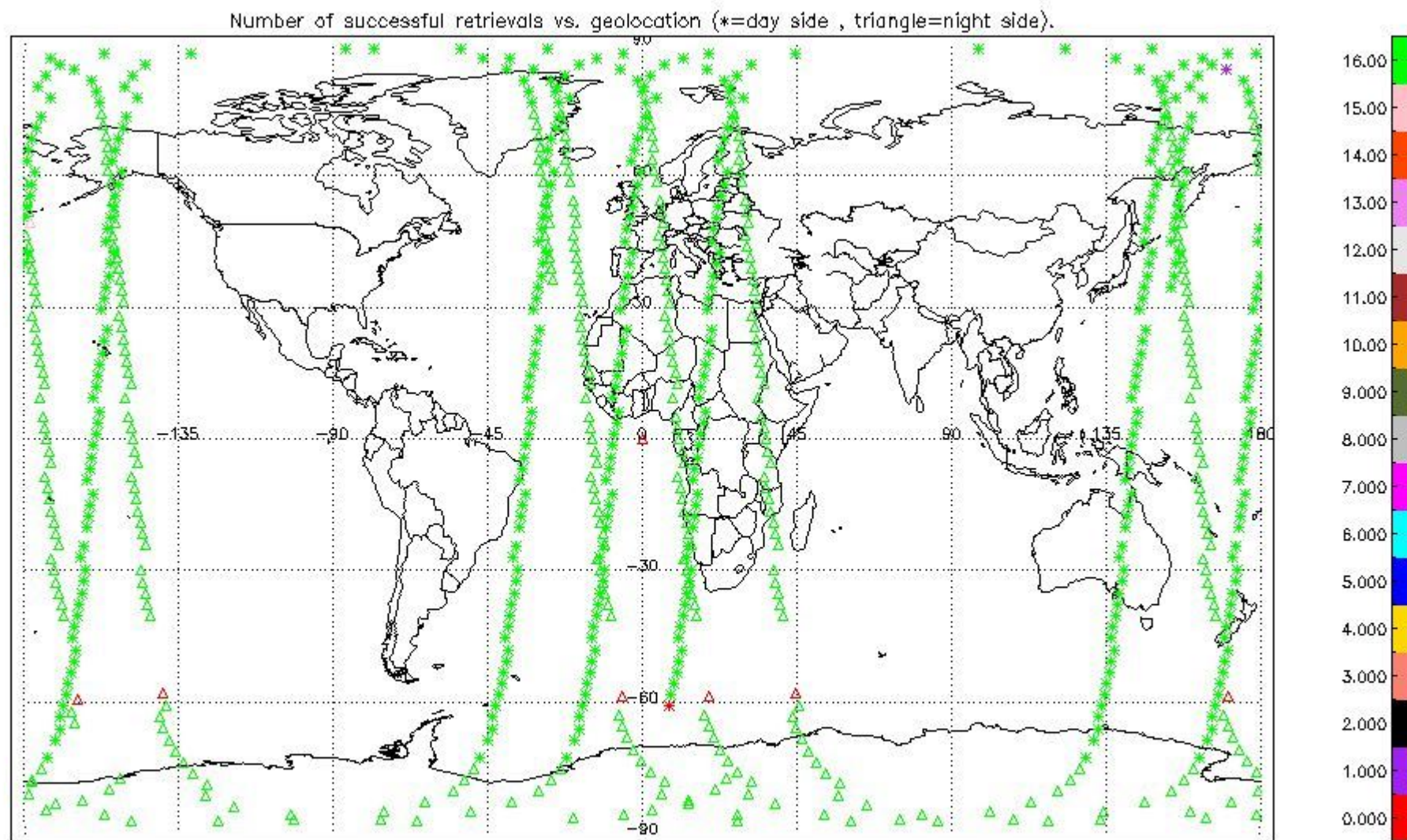
## 2.2 Processing performance indicators

### 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.

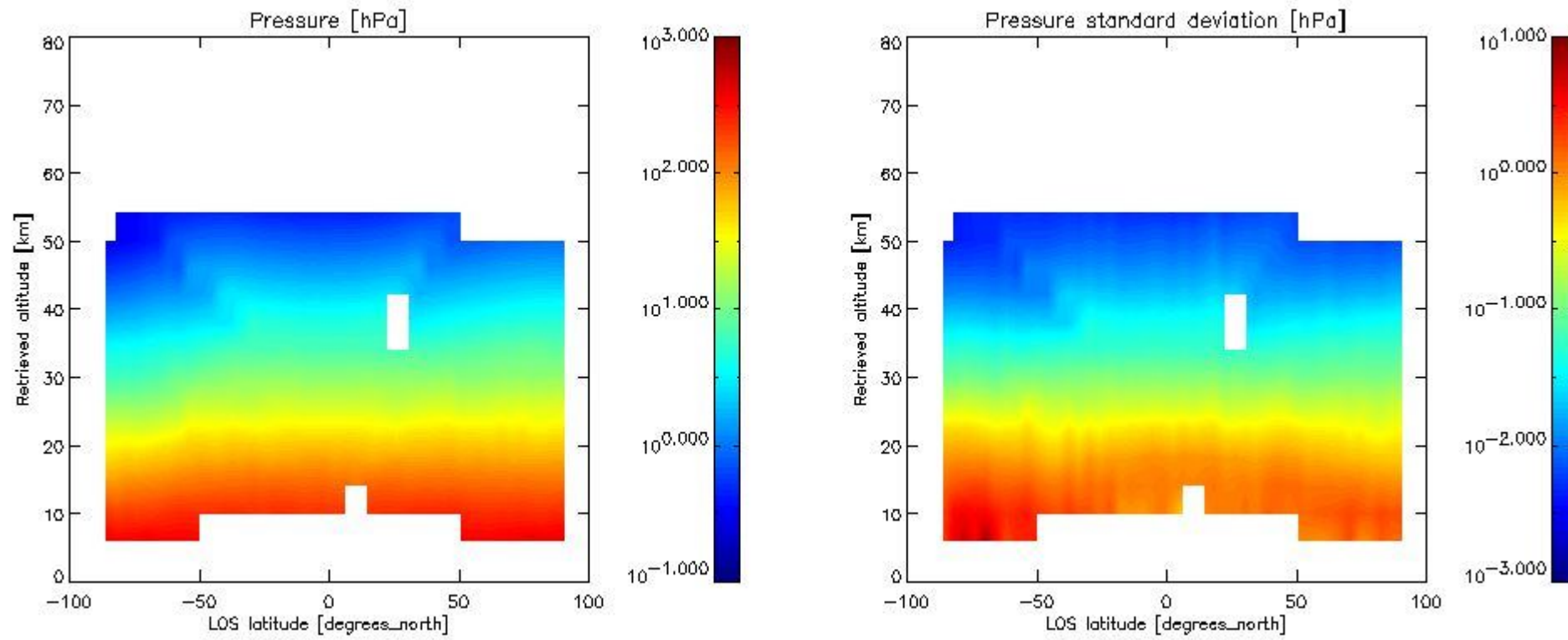
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	874	792	90.618

H2O	874	791	90.503
O3	874	791	90.503
HNO3	874	791	90.503
CH4	874	791	90.503
N2O	874	791	90.503
NO2	874	791	90.503
F11	874	791	90.503
CLNO	874	791	90.503
N2O5	874	791	90.503
F12	874	790	90.389
COF2	874	791	90.503
CCL4	874	791	90.503
HCN	874	791	90.503
F14	874	791	90.503
F22	874	791	90.503



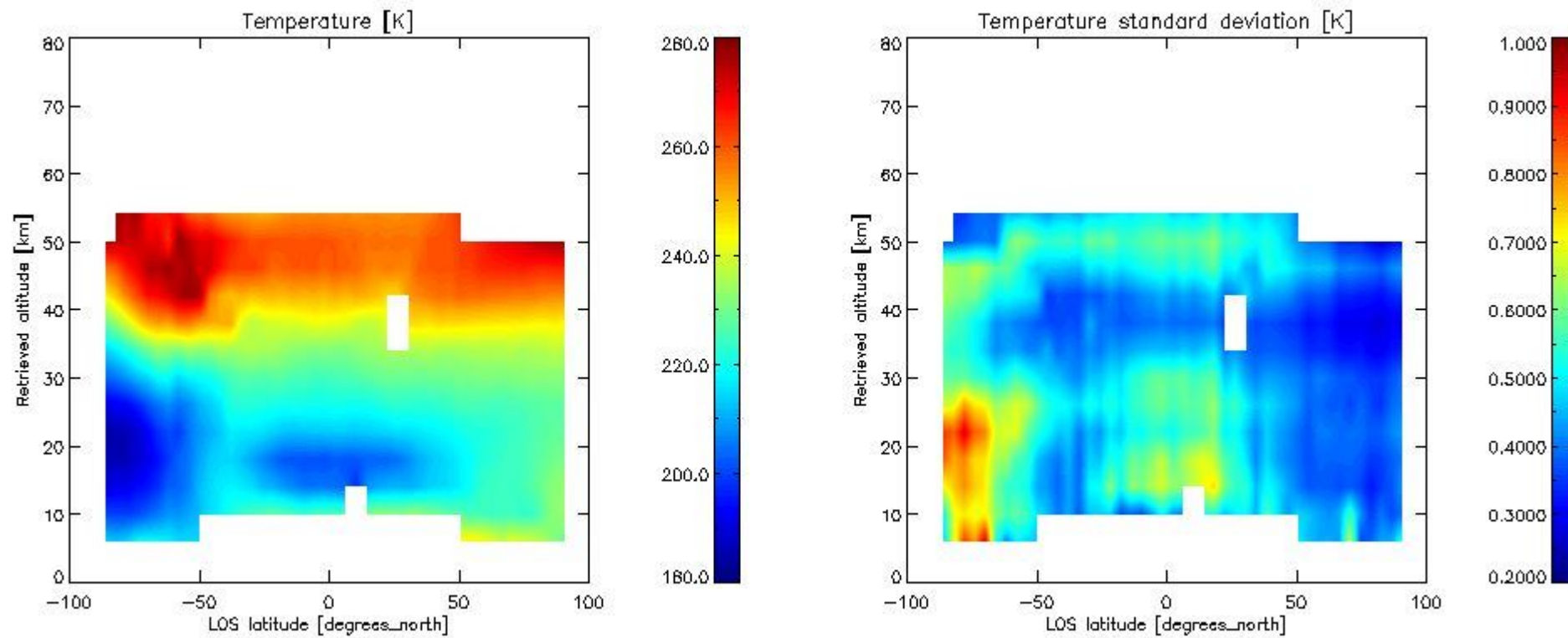
## 2.2.2 Pressure overview

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



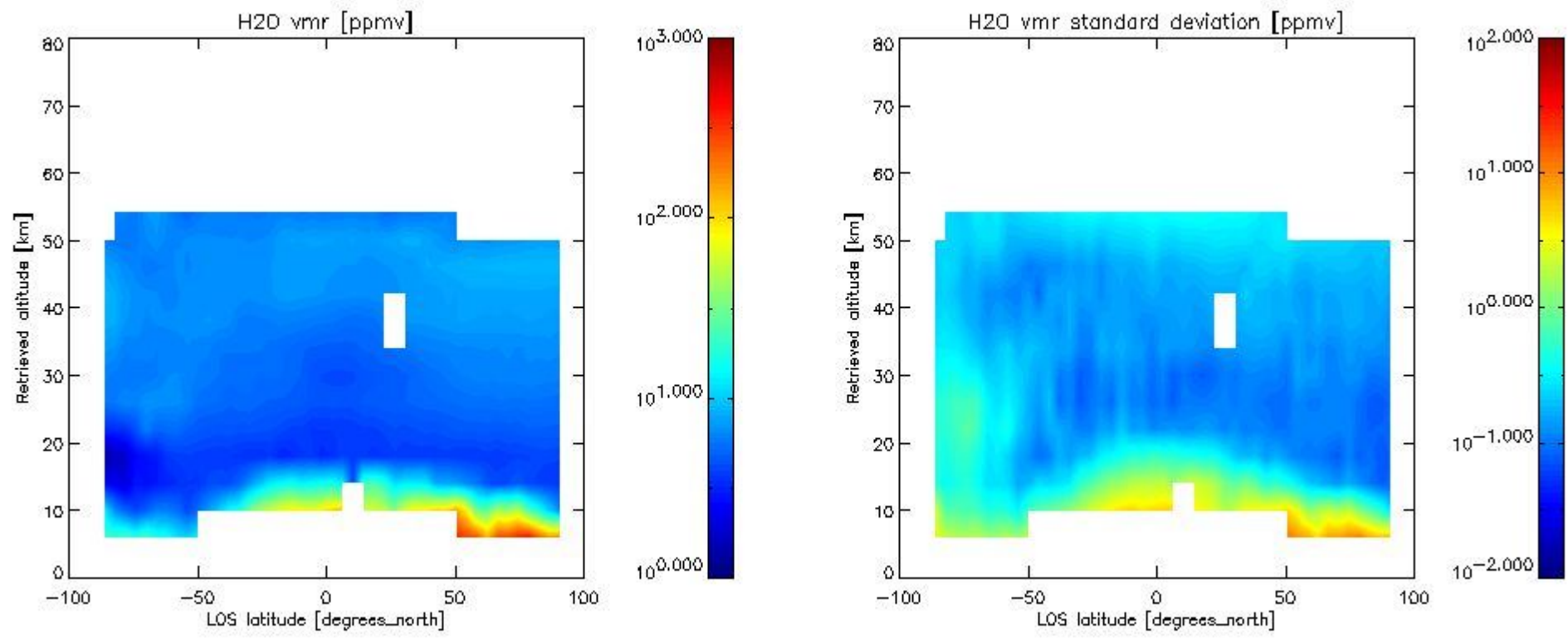
### 2.2.3 Temperature overview

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

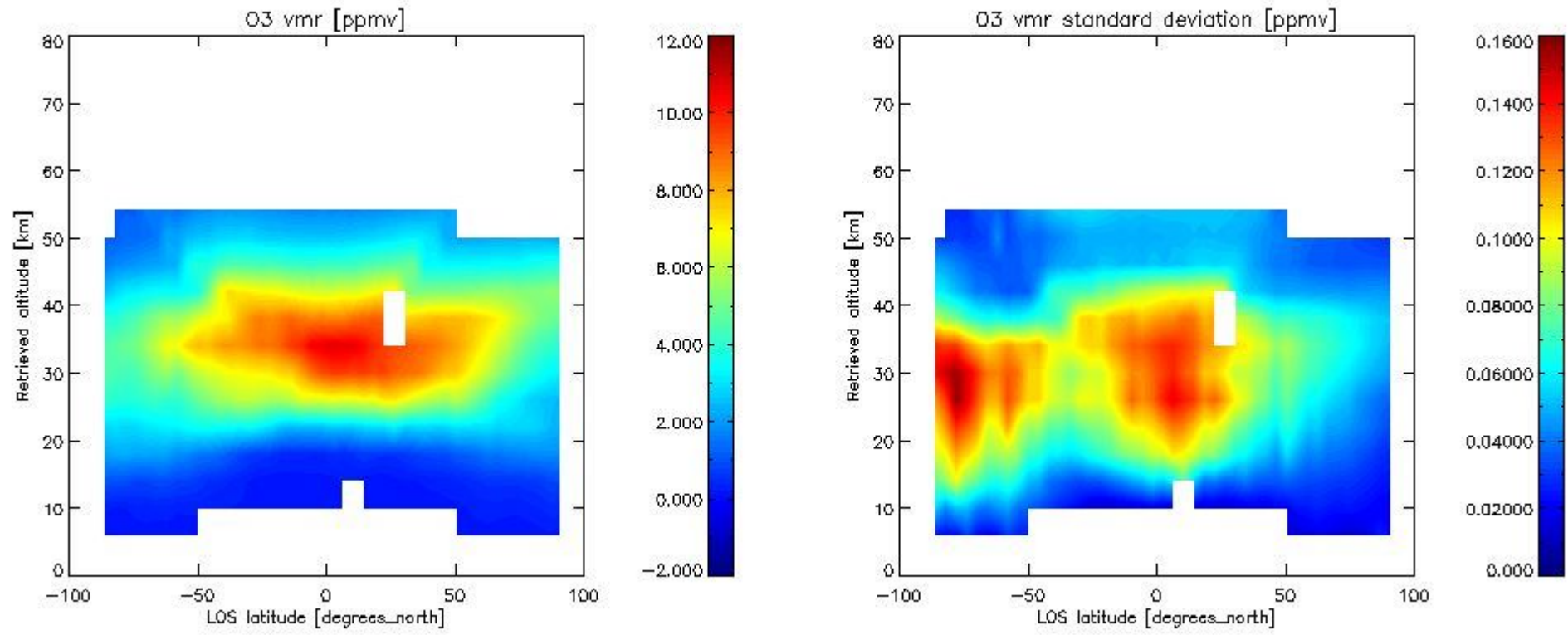


### 2.2.4 Species overview

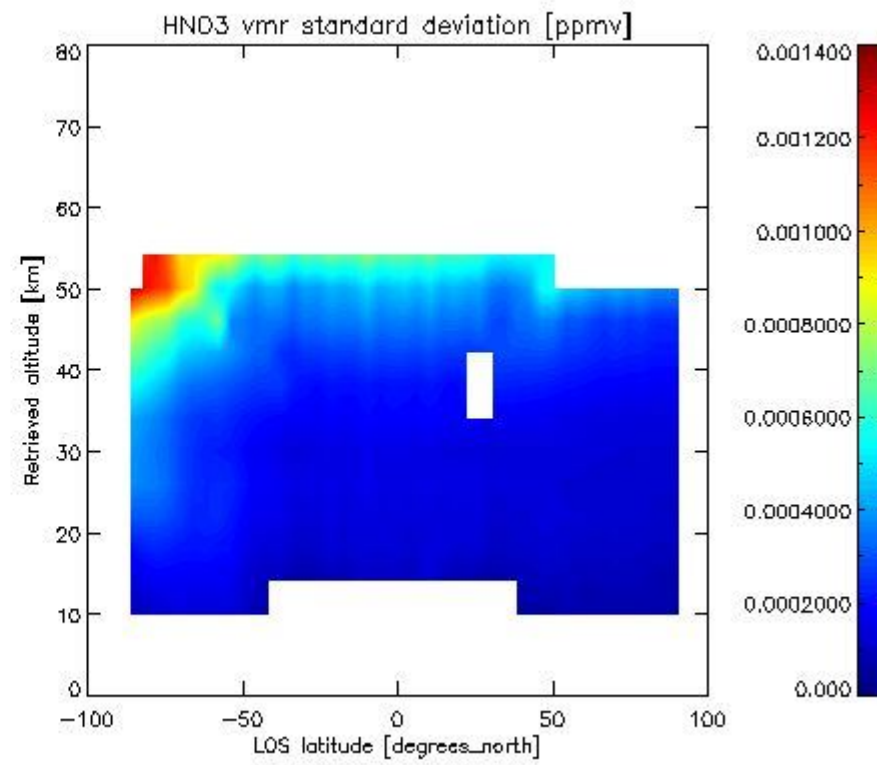
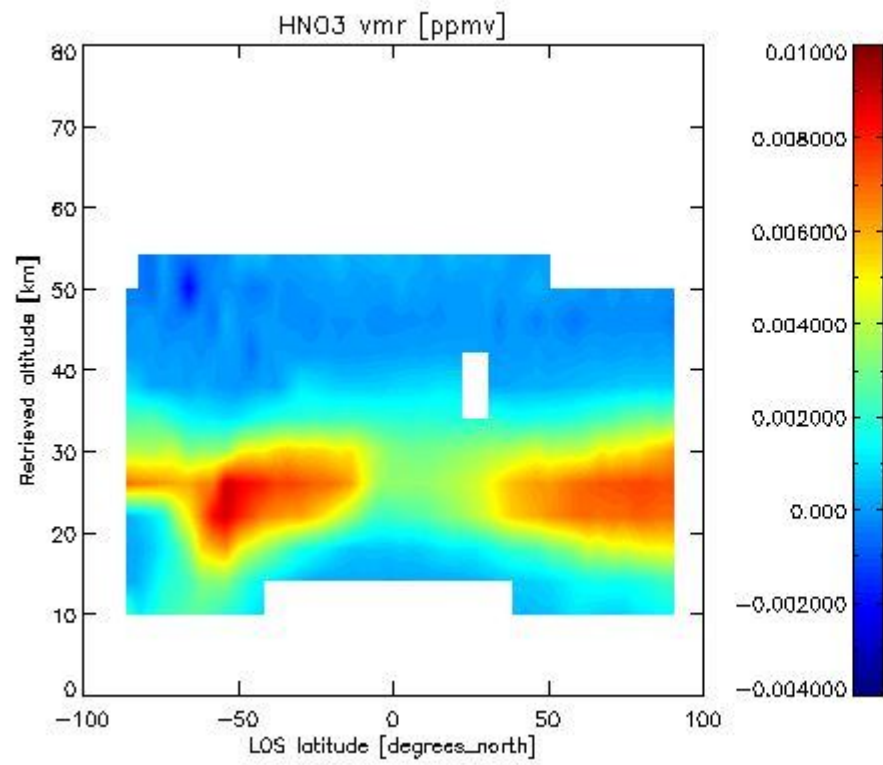
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



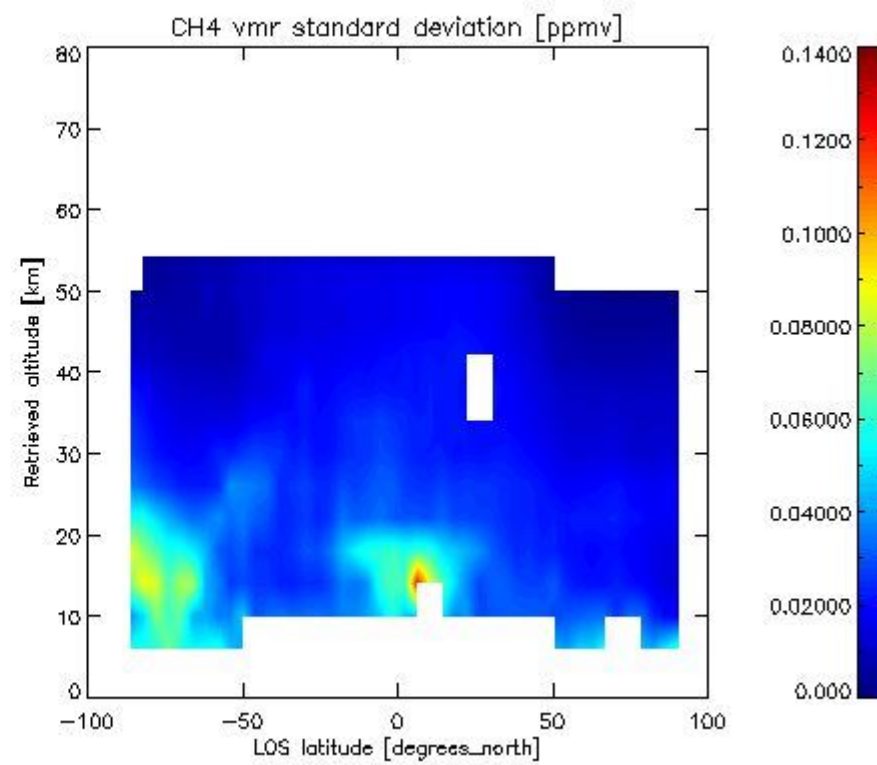
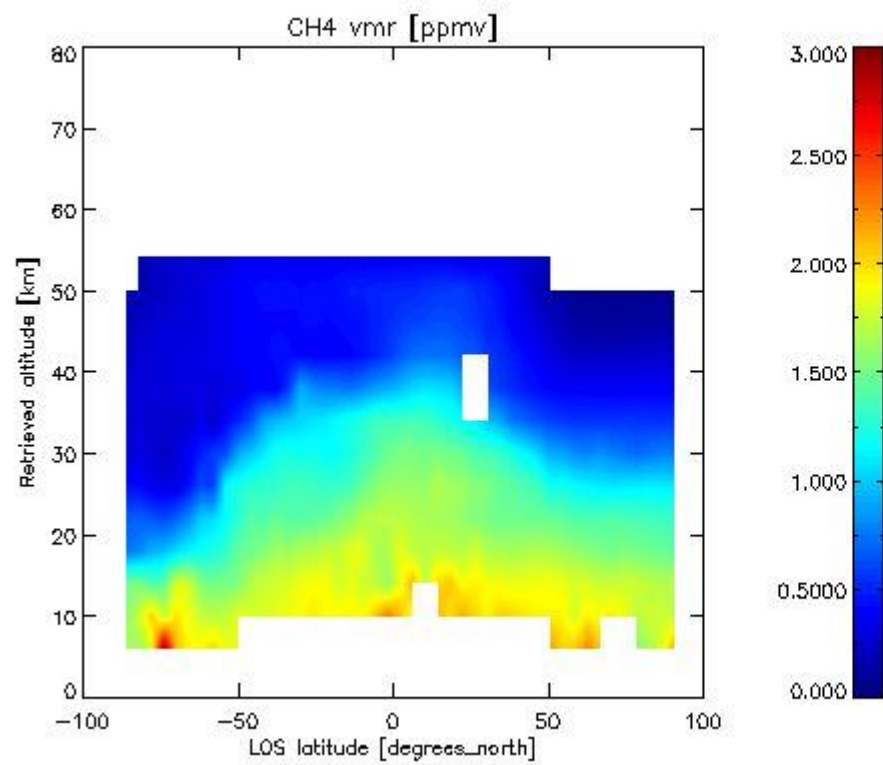
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



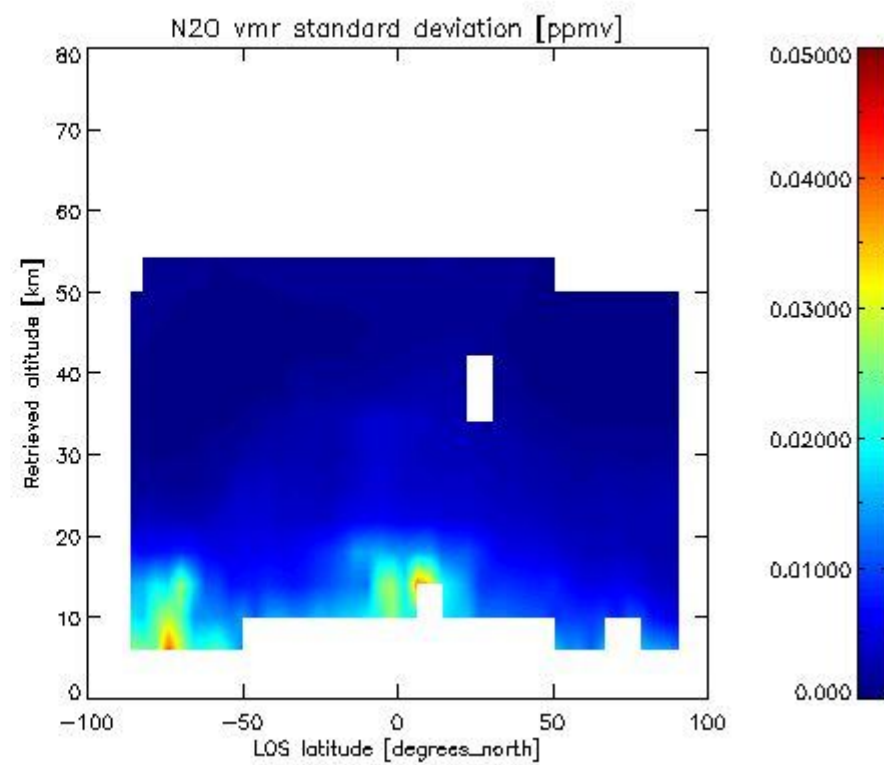
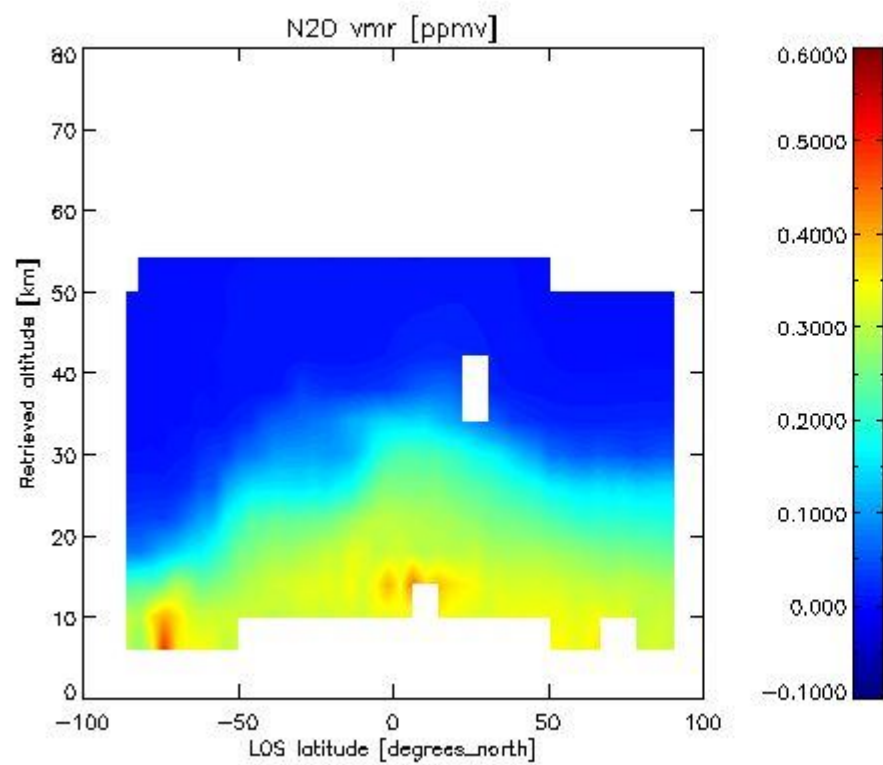
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



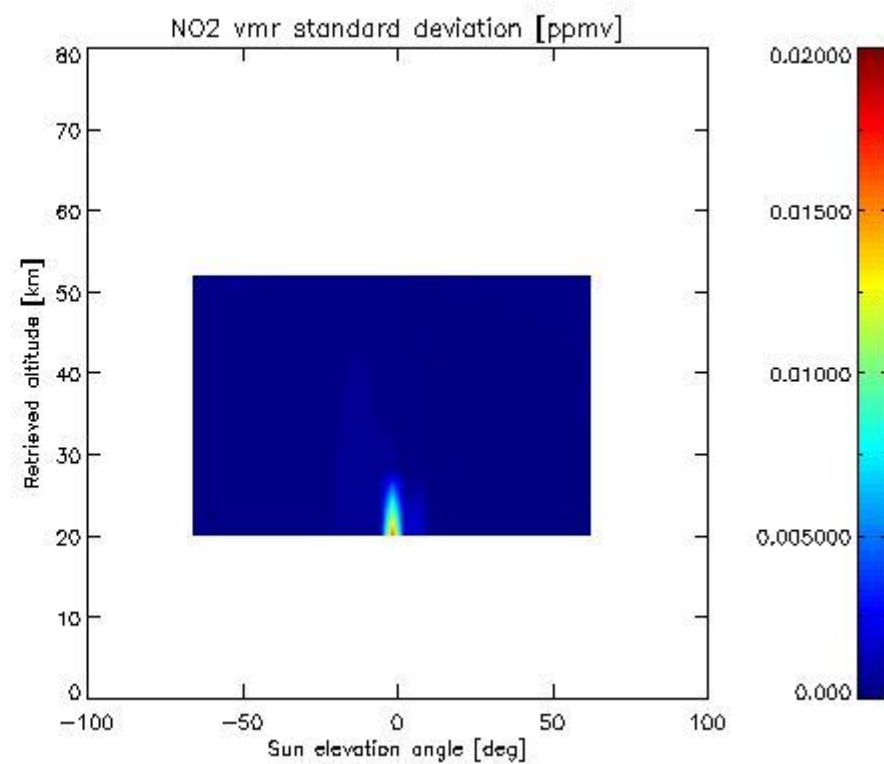
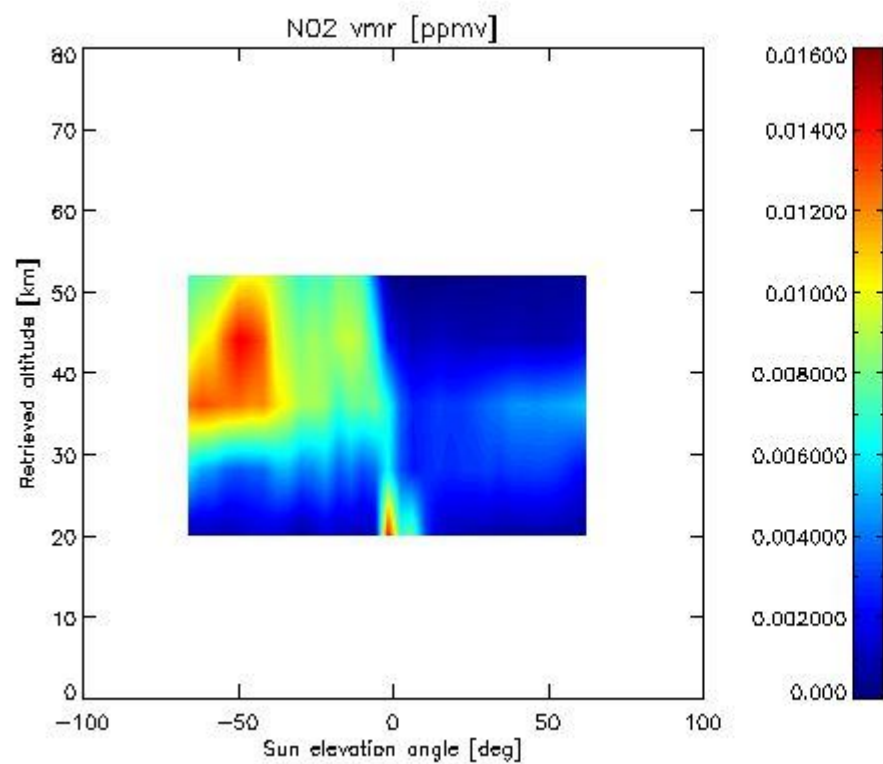
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



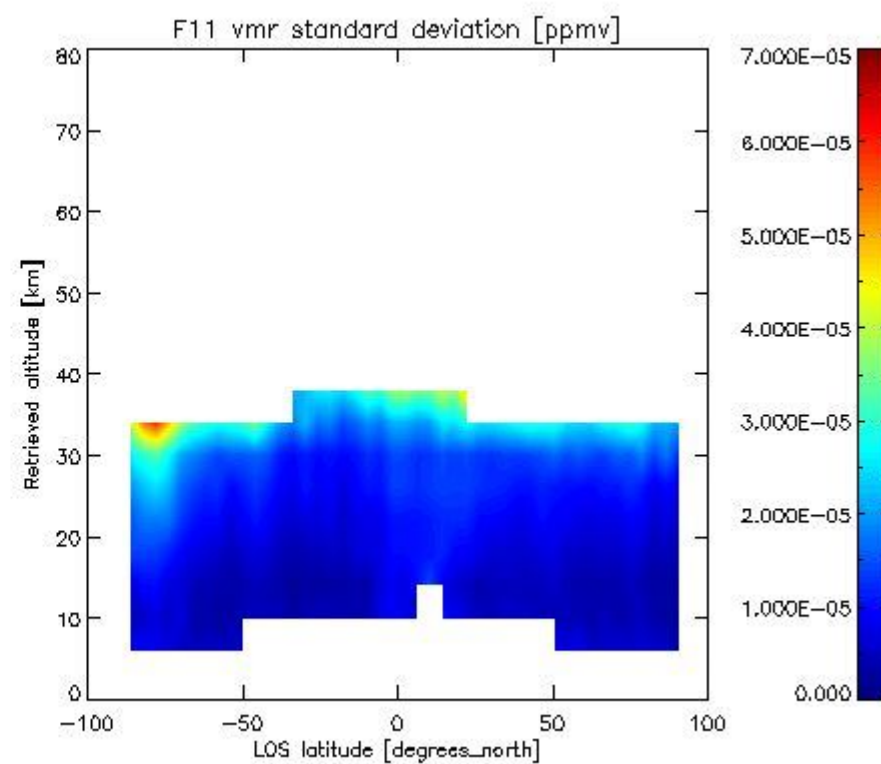
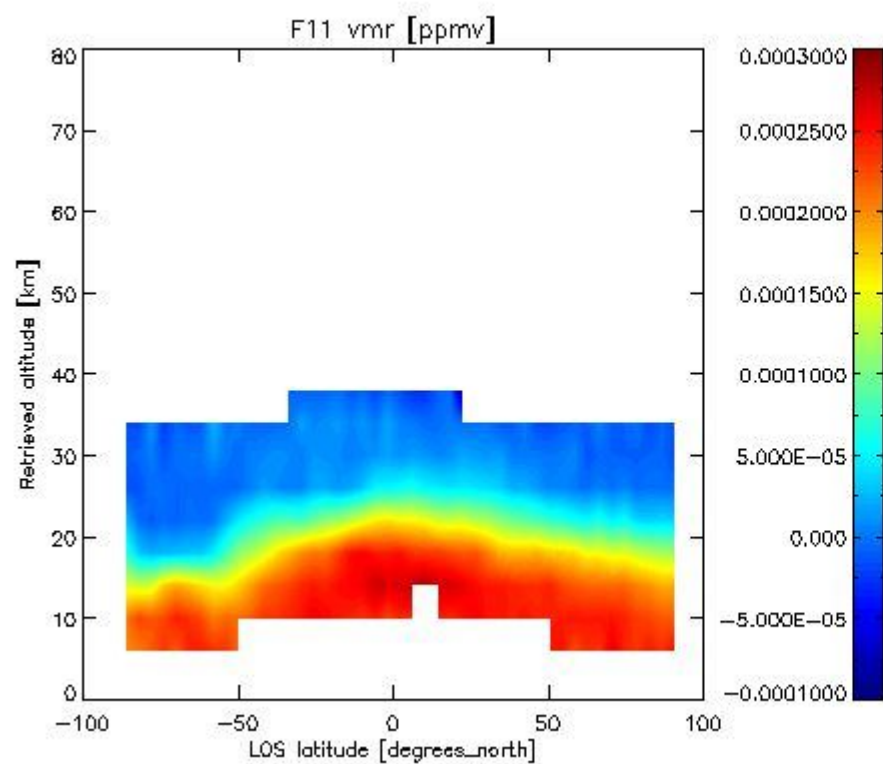
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



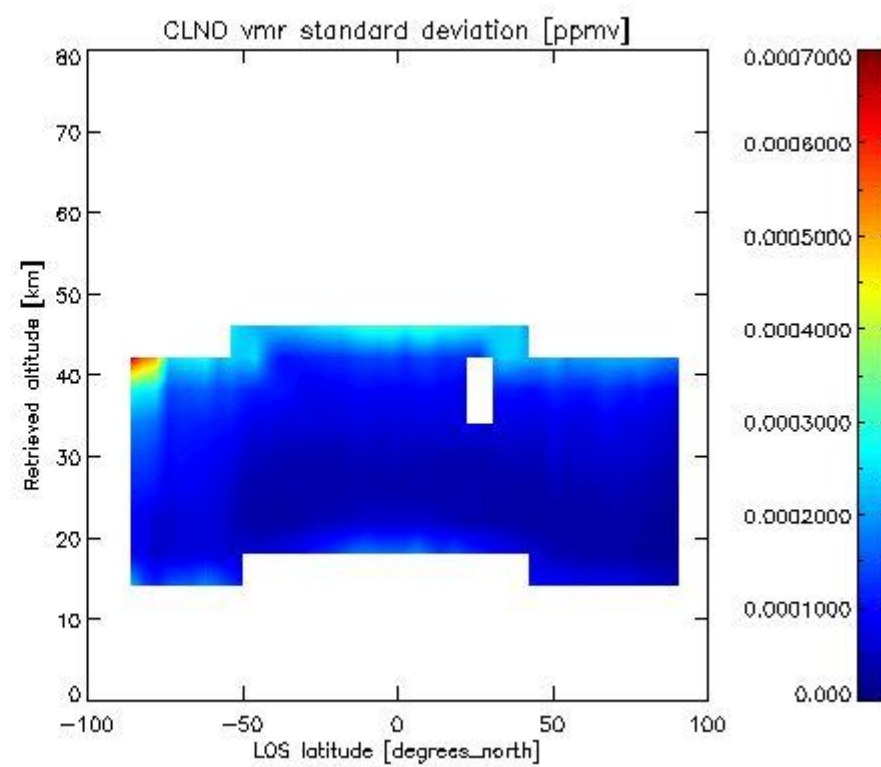
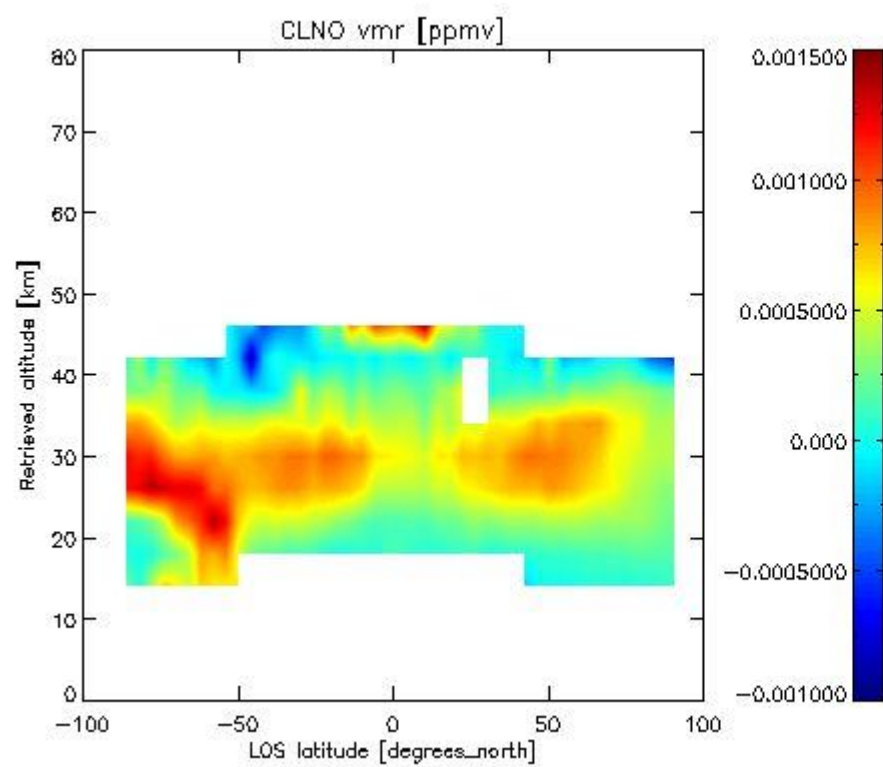
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 8 km.



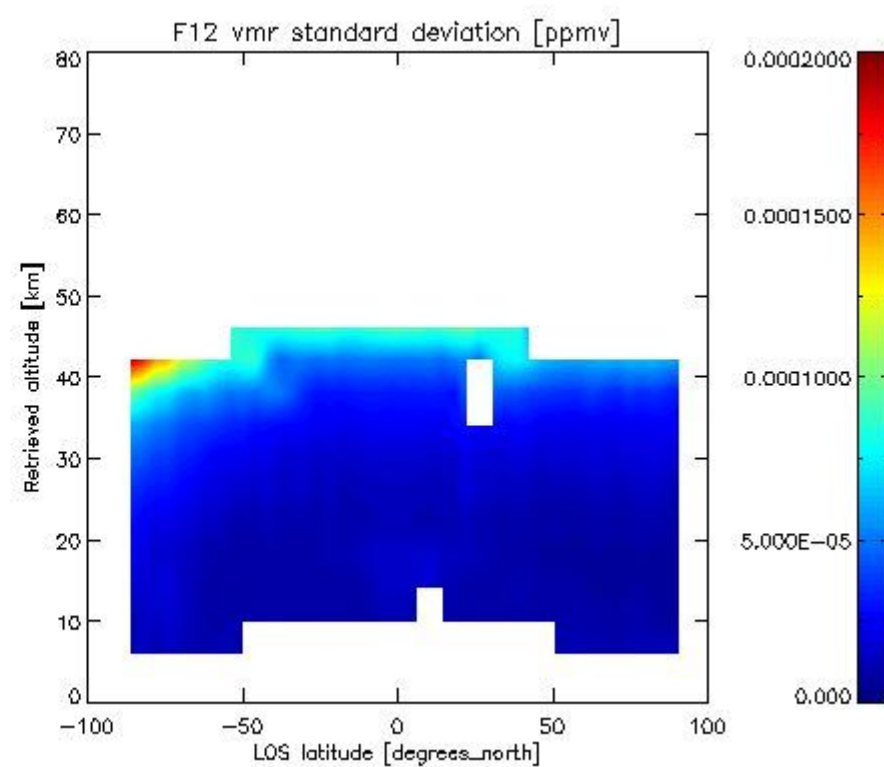
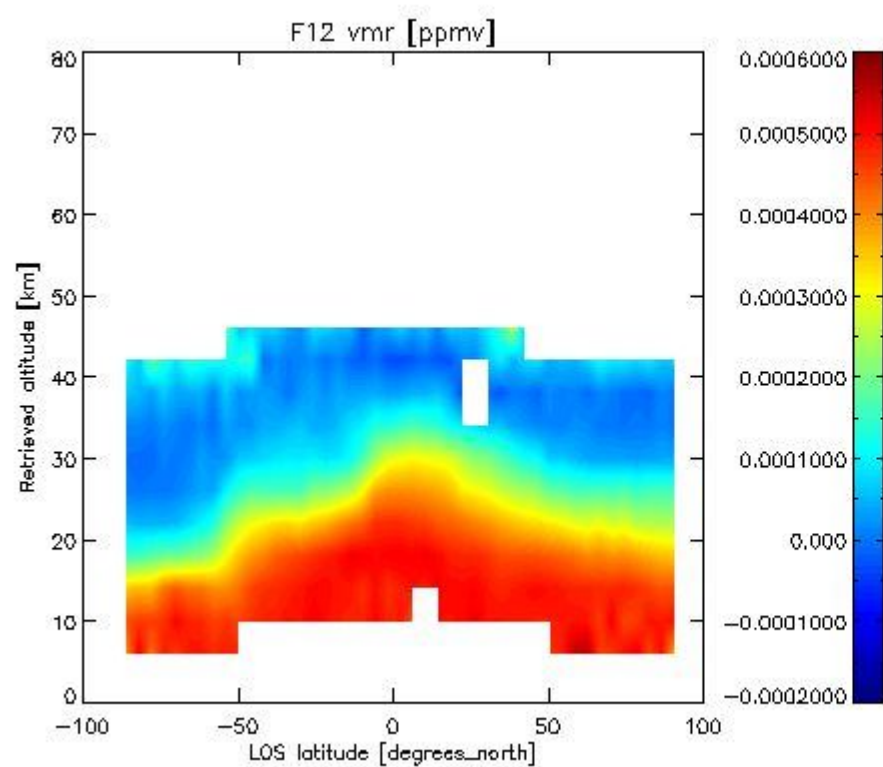
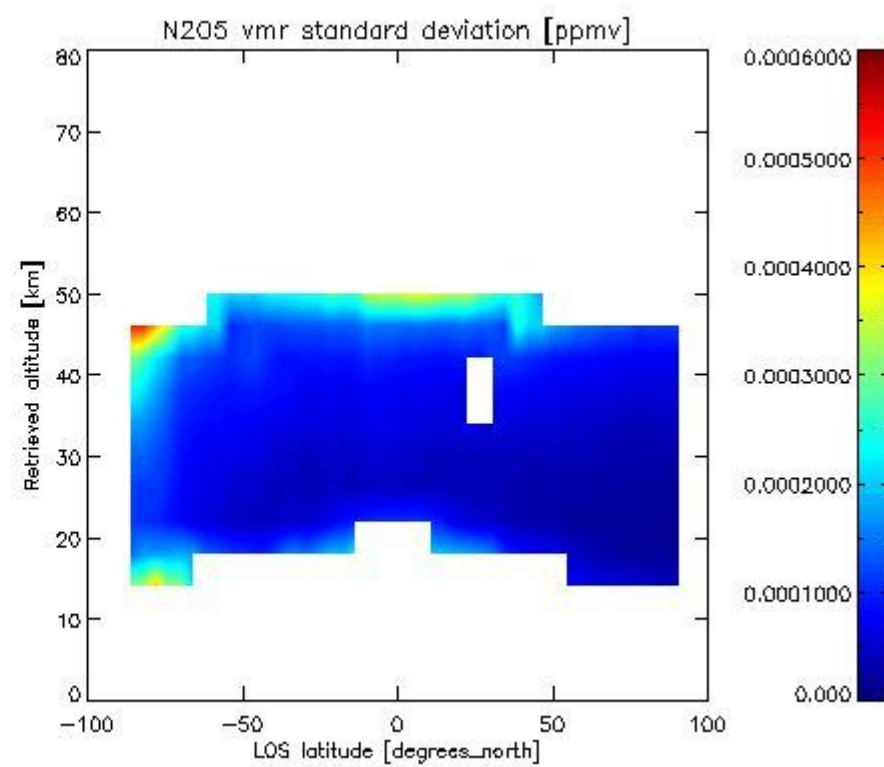
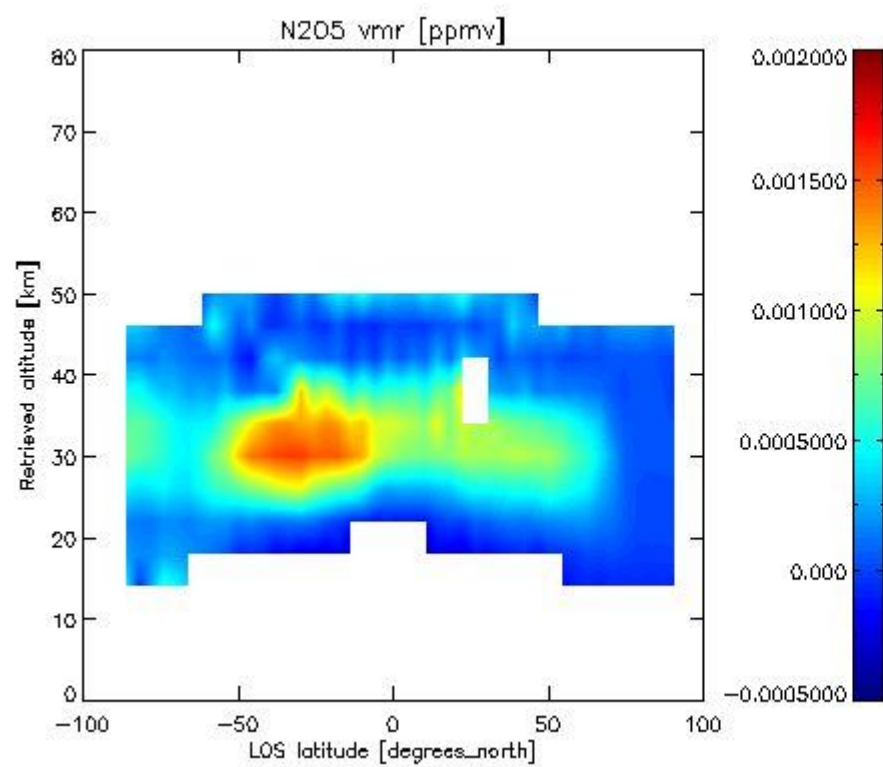
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



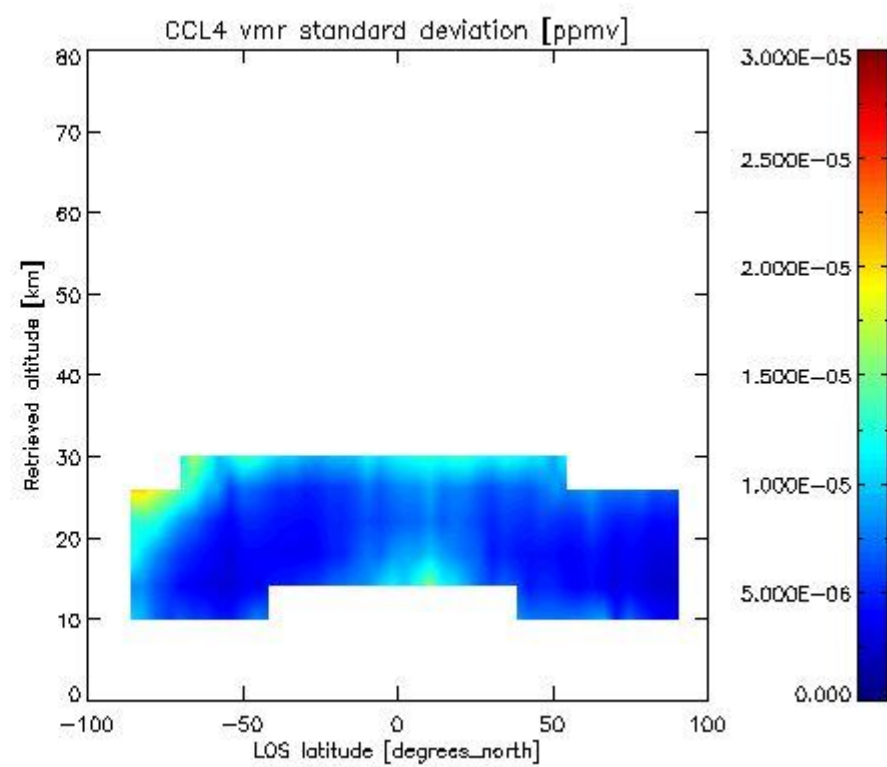
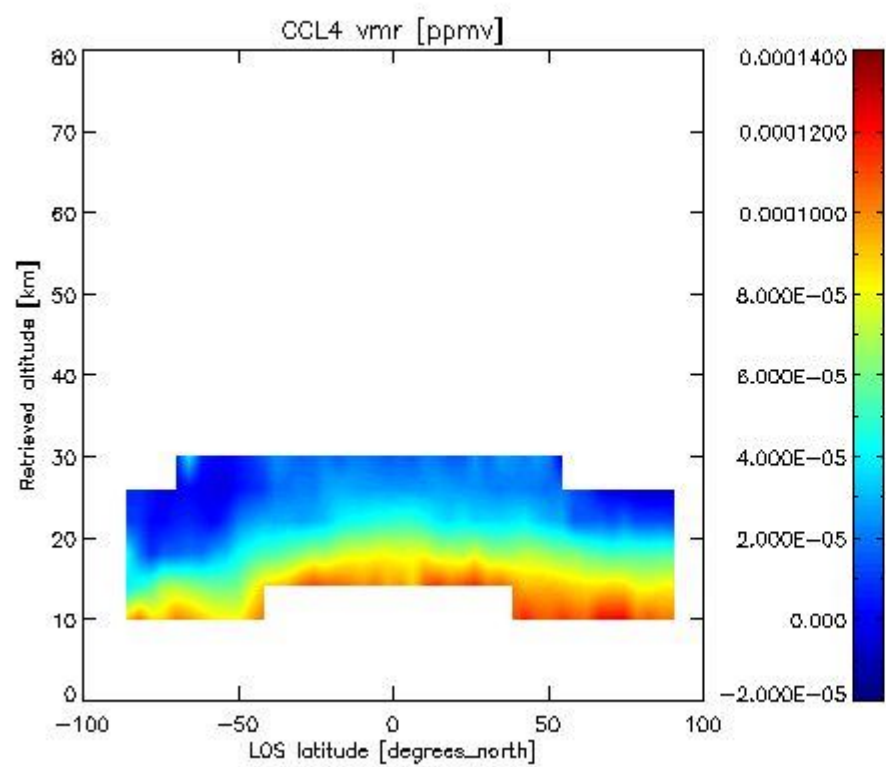
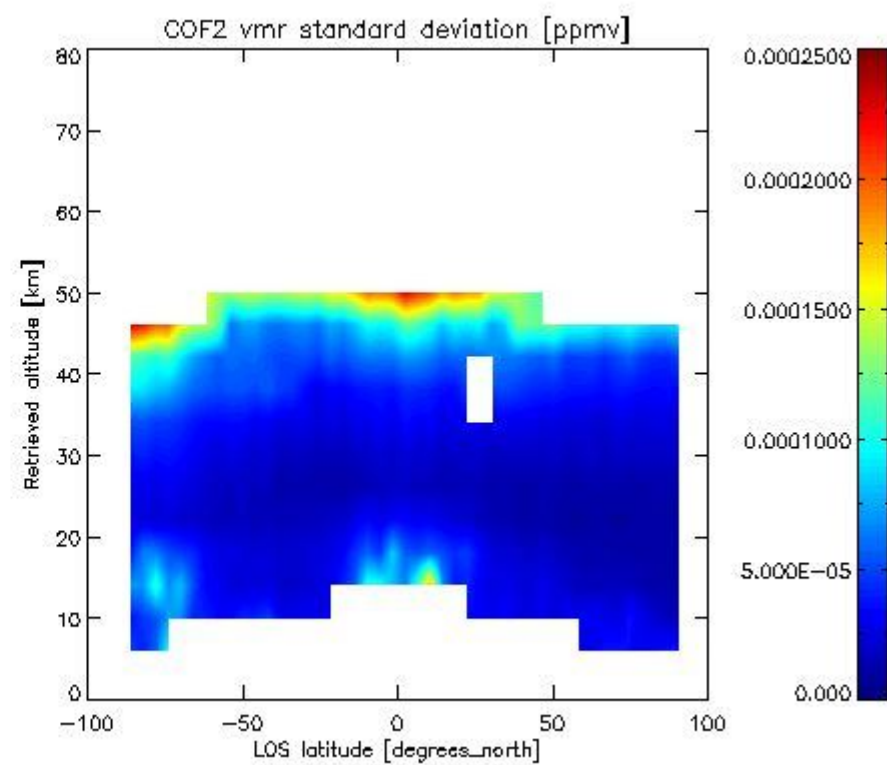
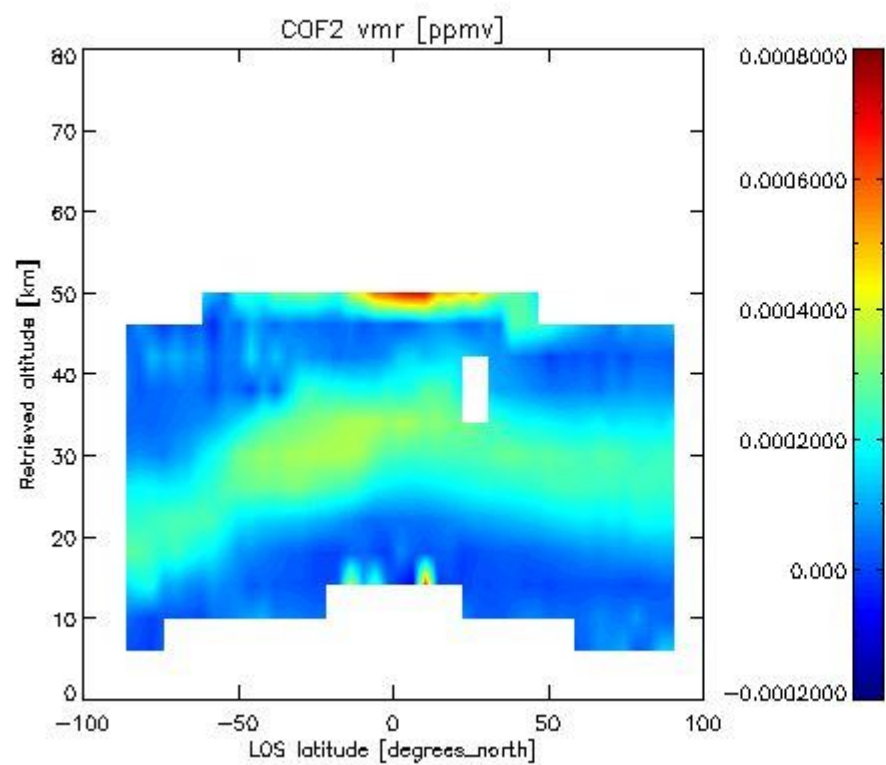
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

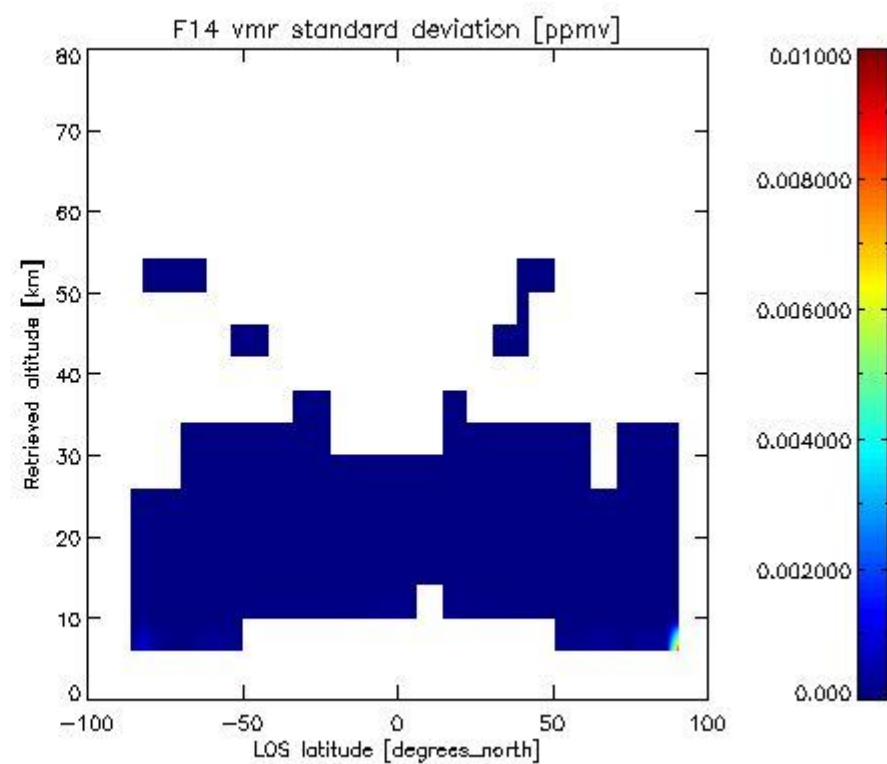
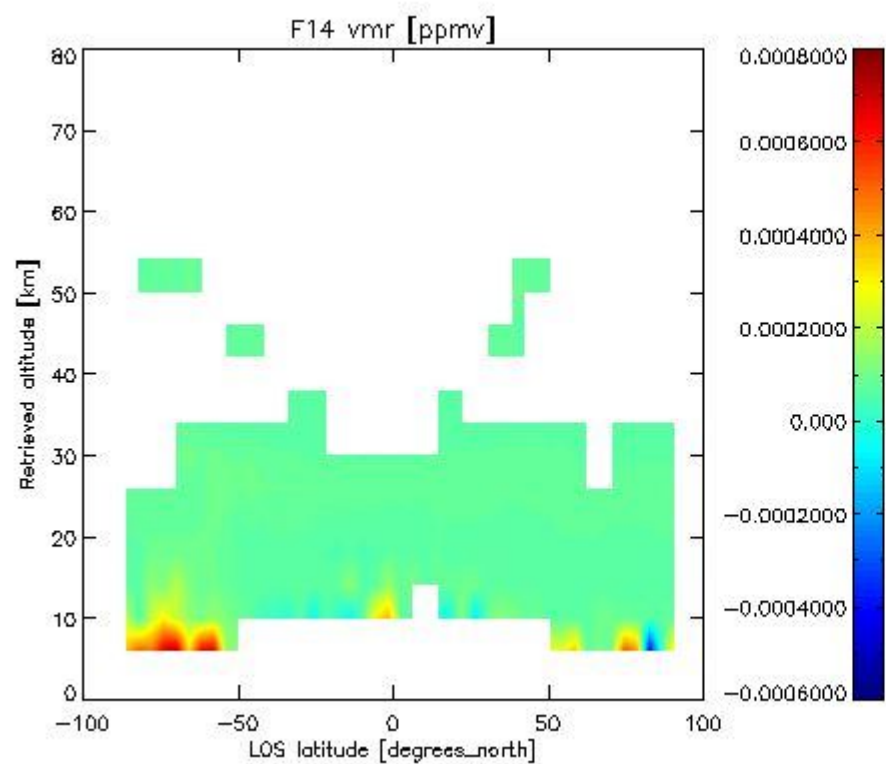
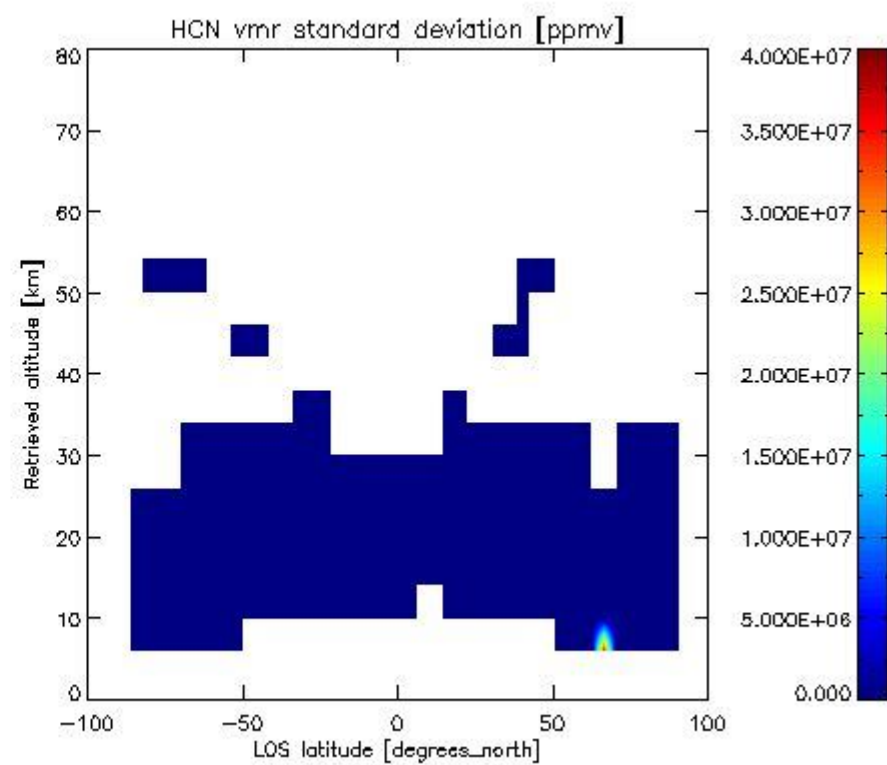
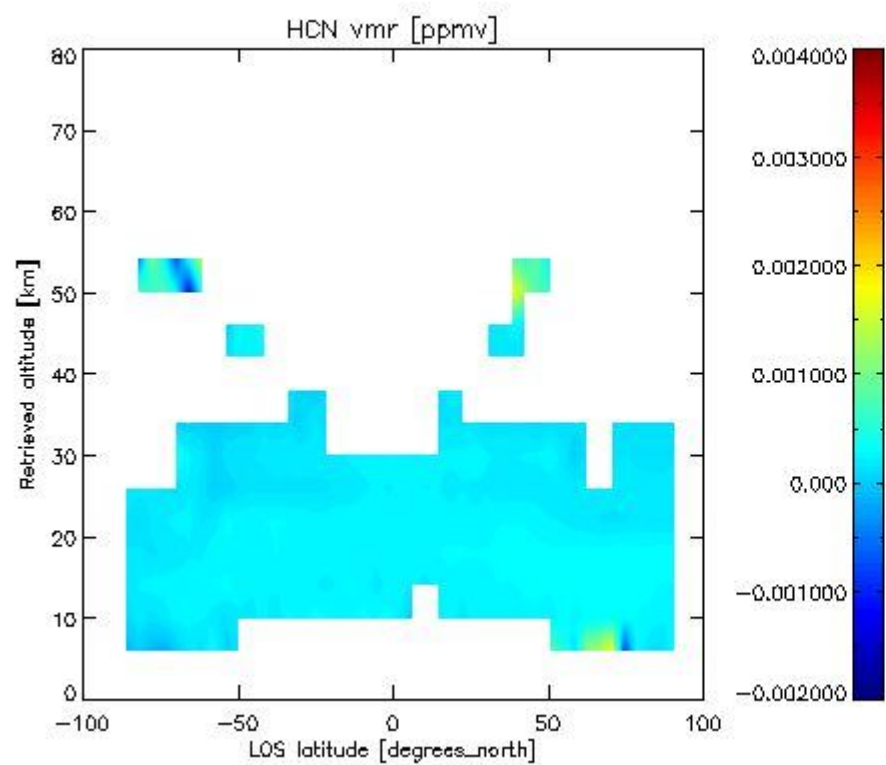


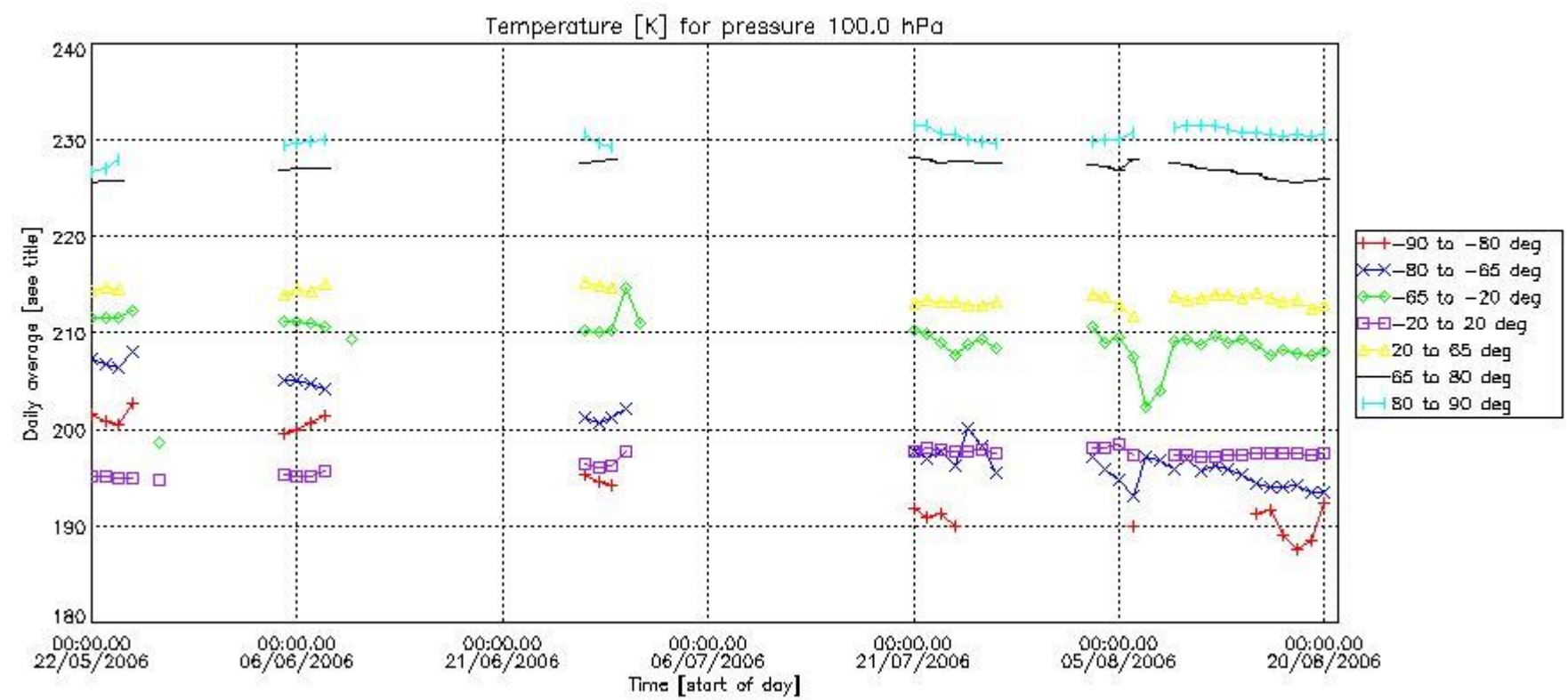
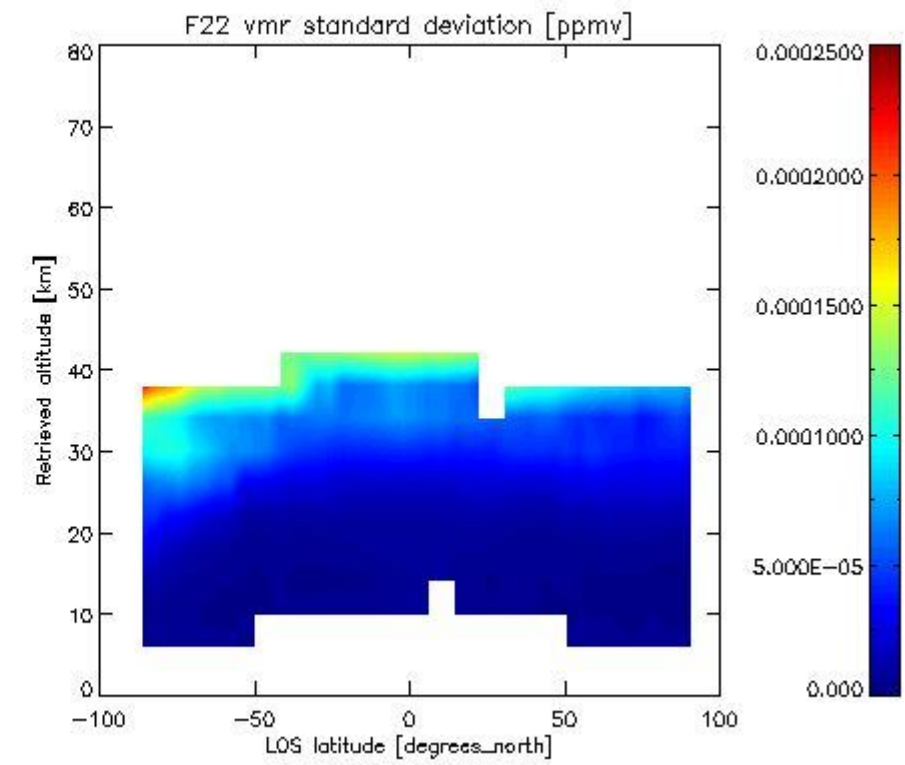
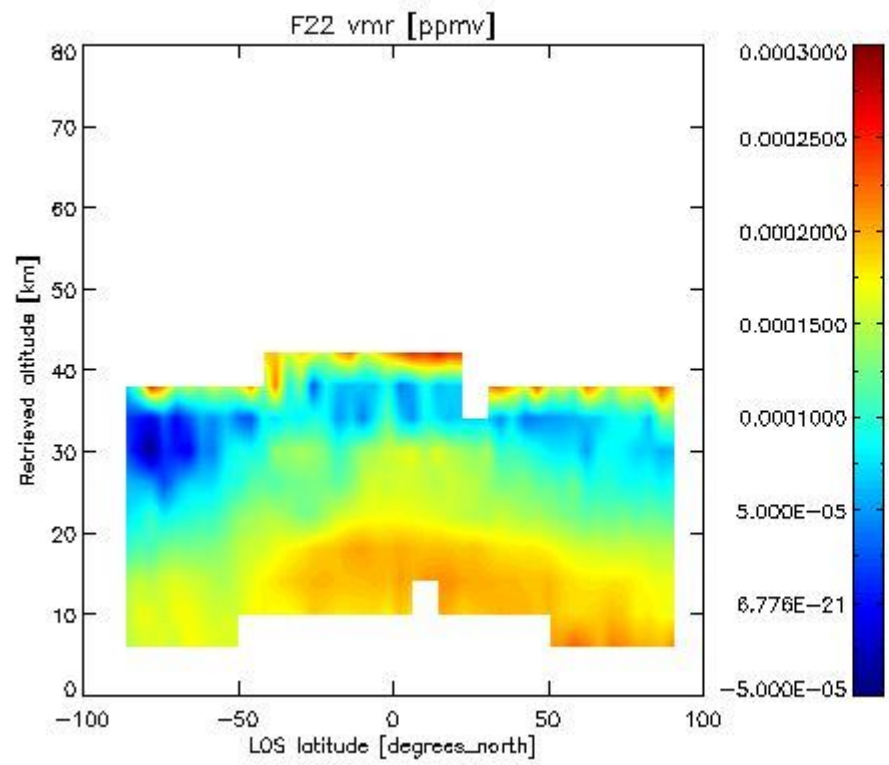
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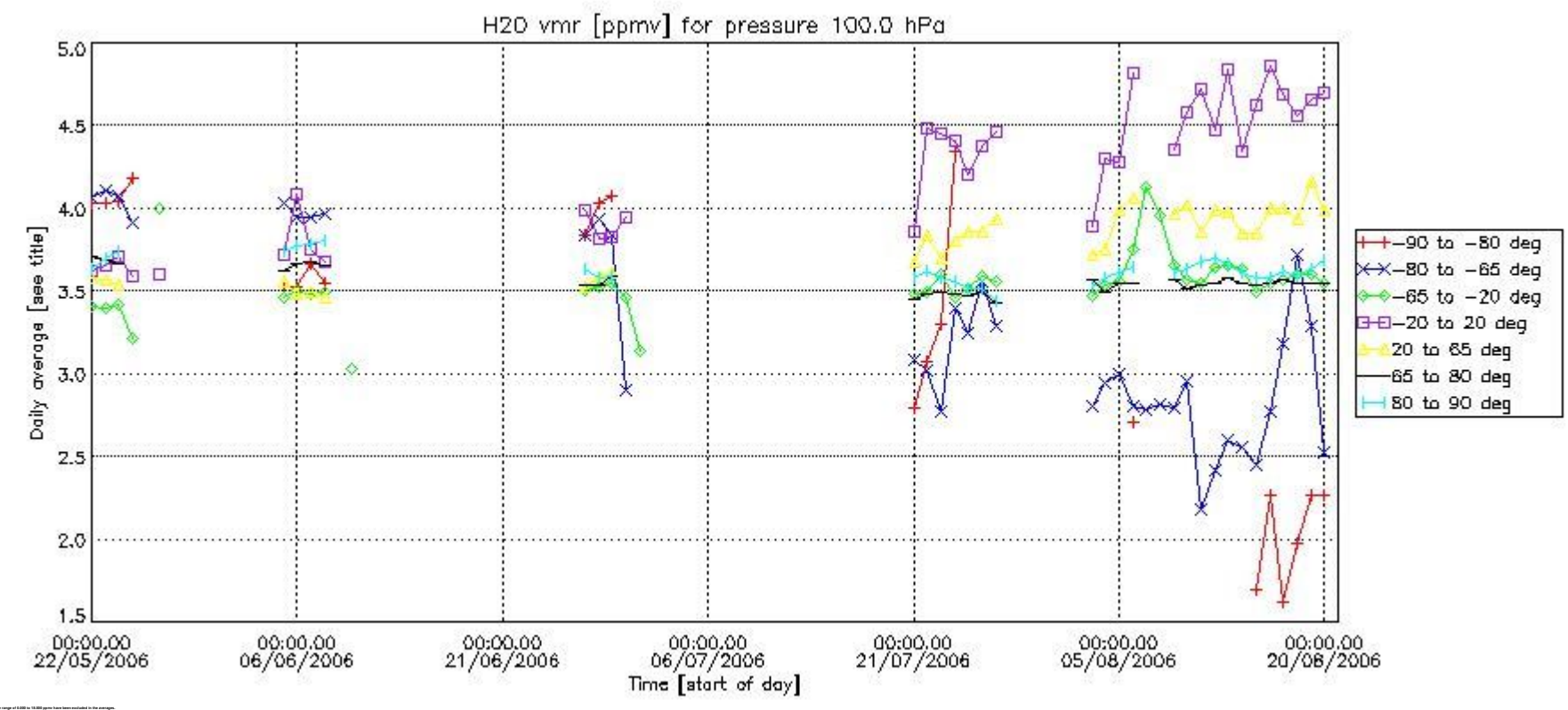
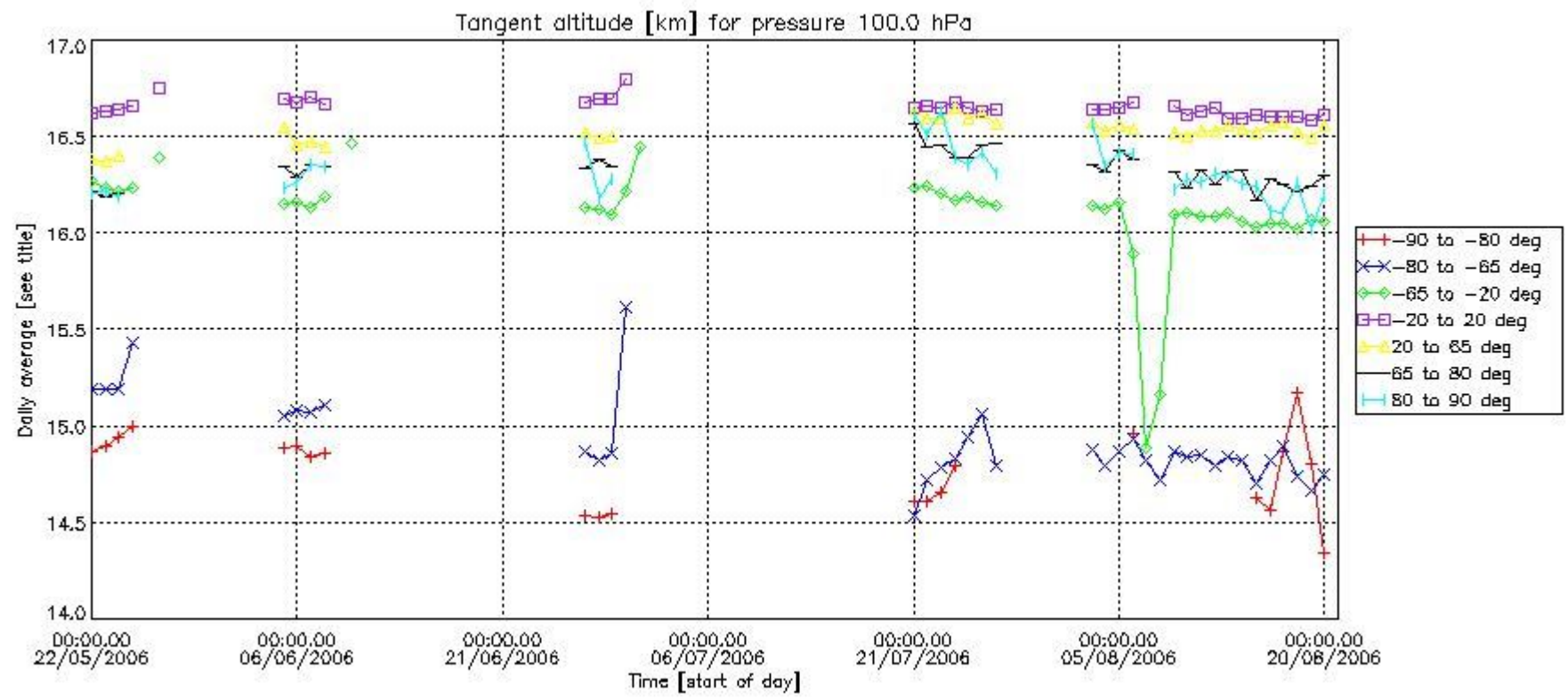


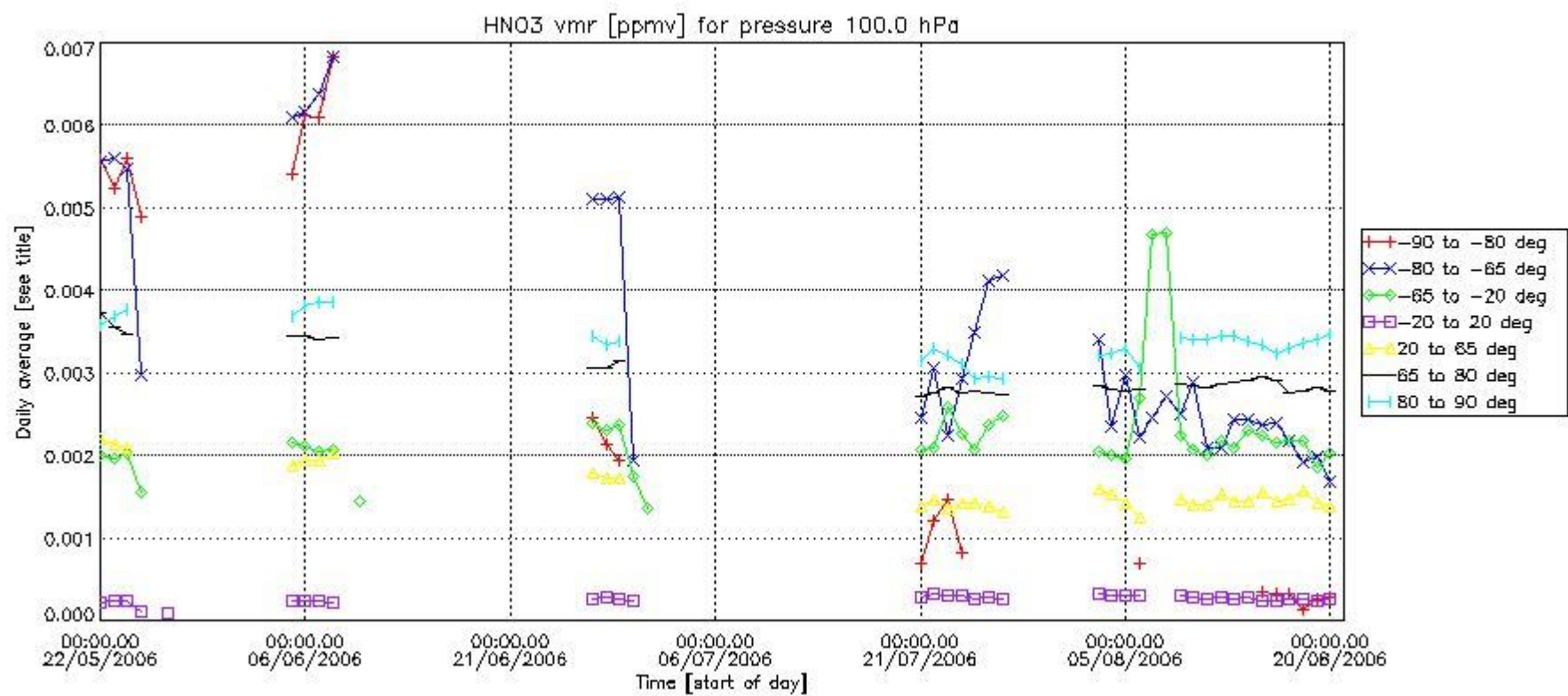
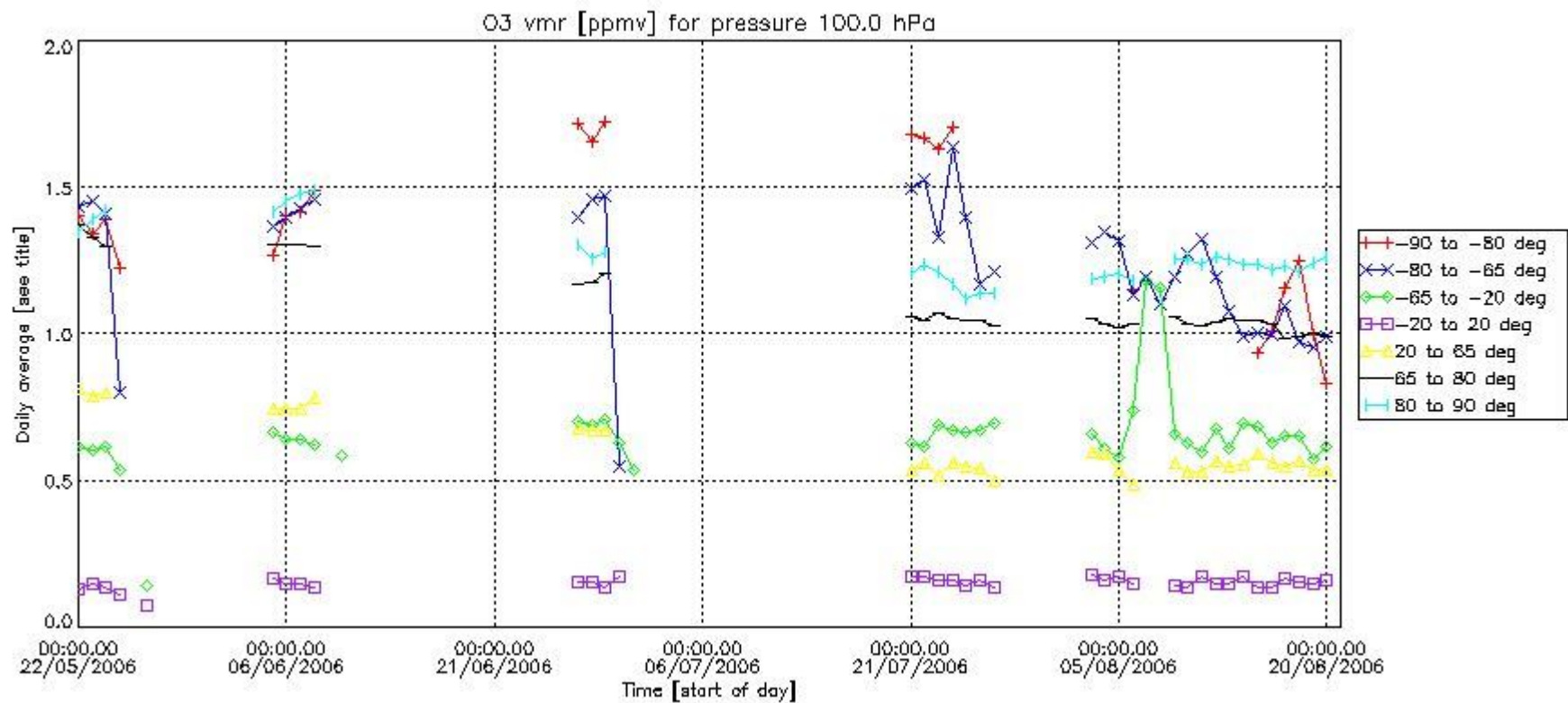


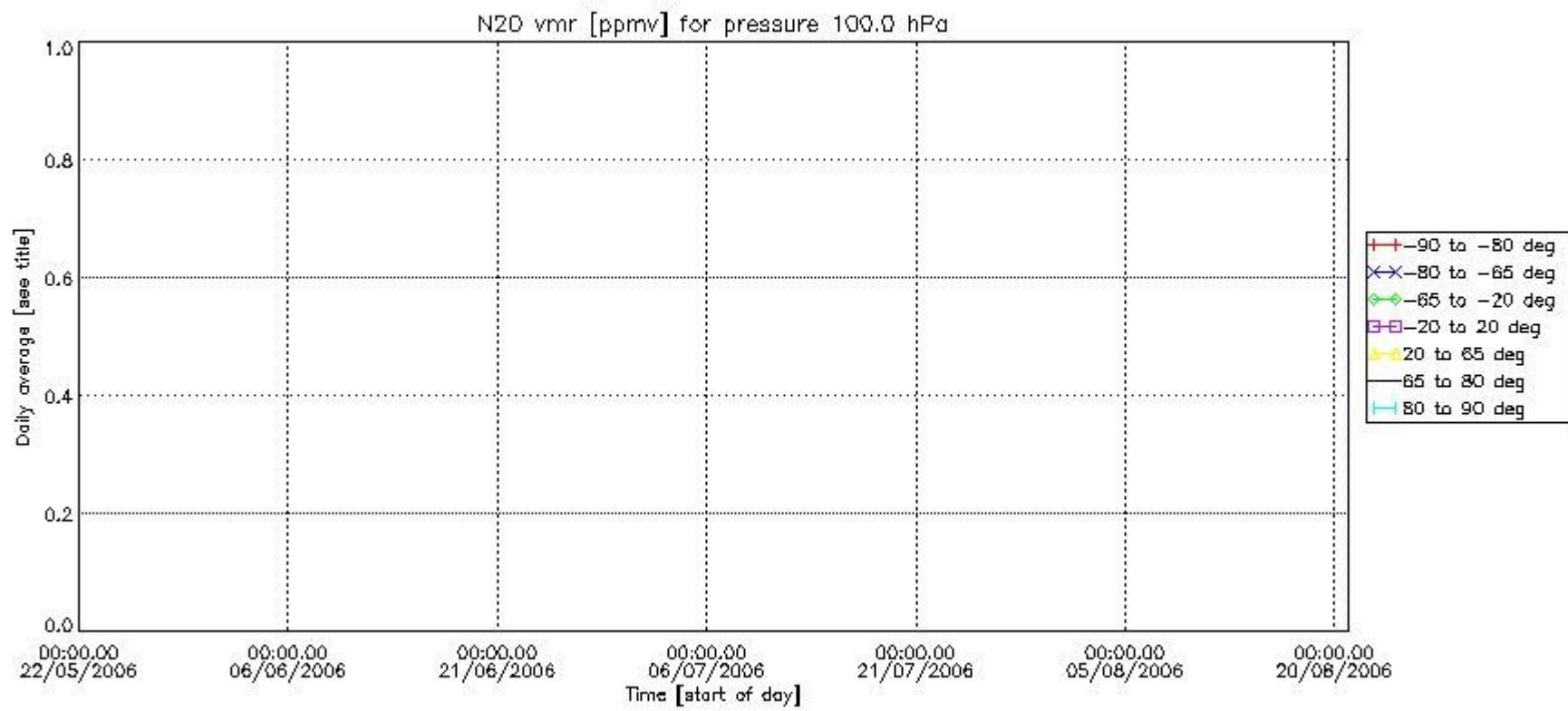
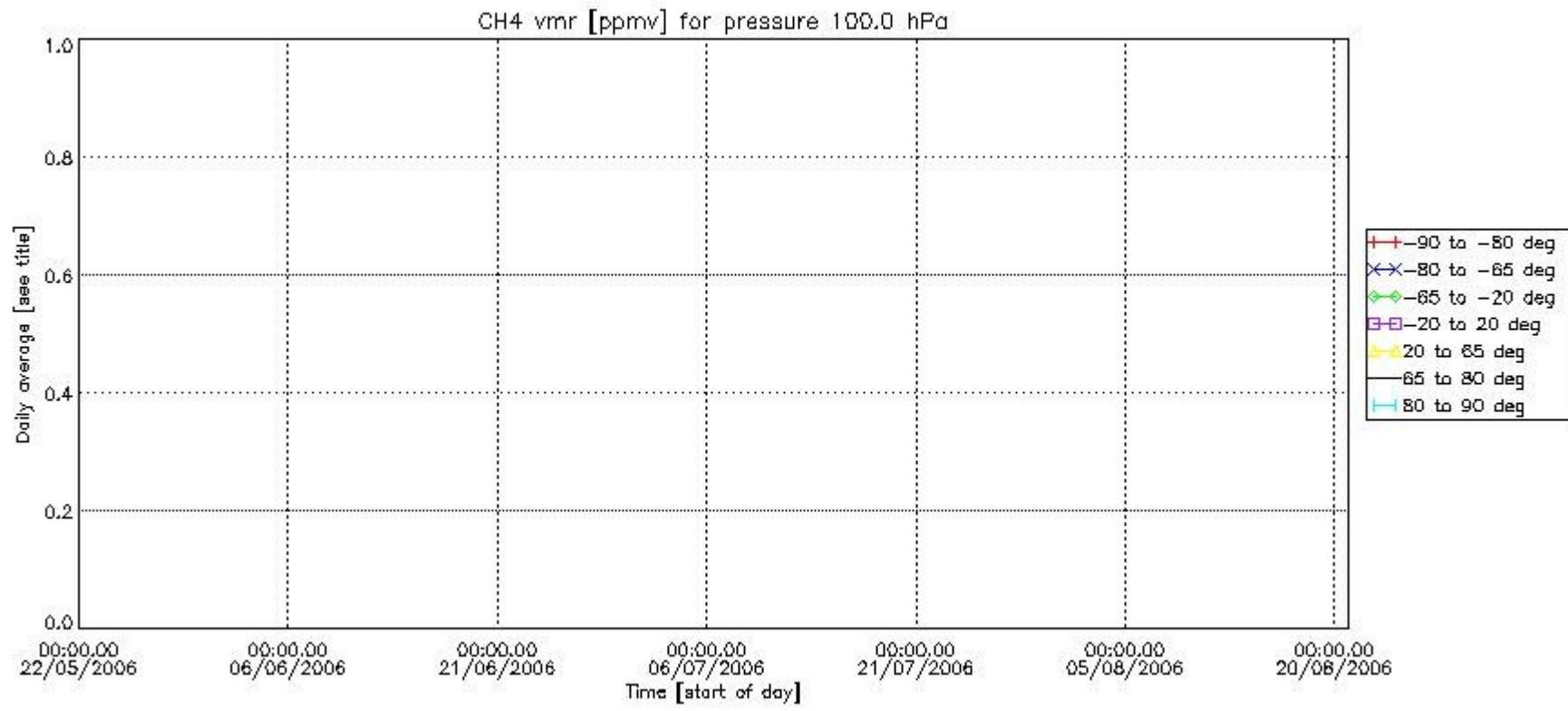


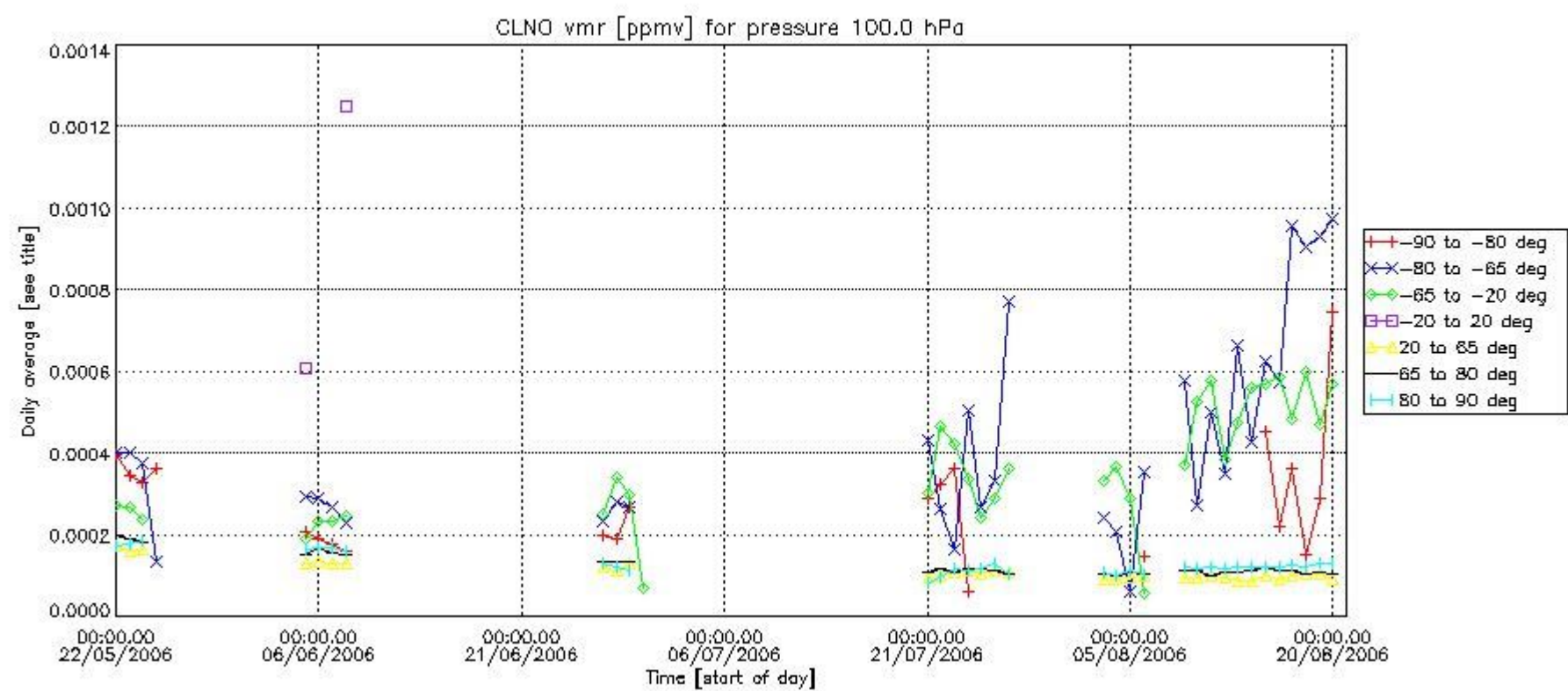
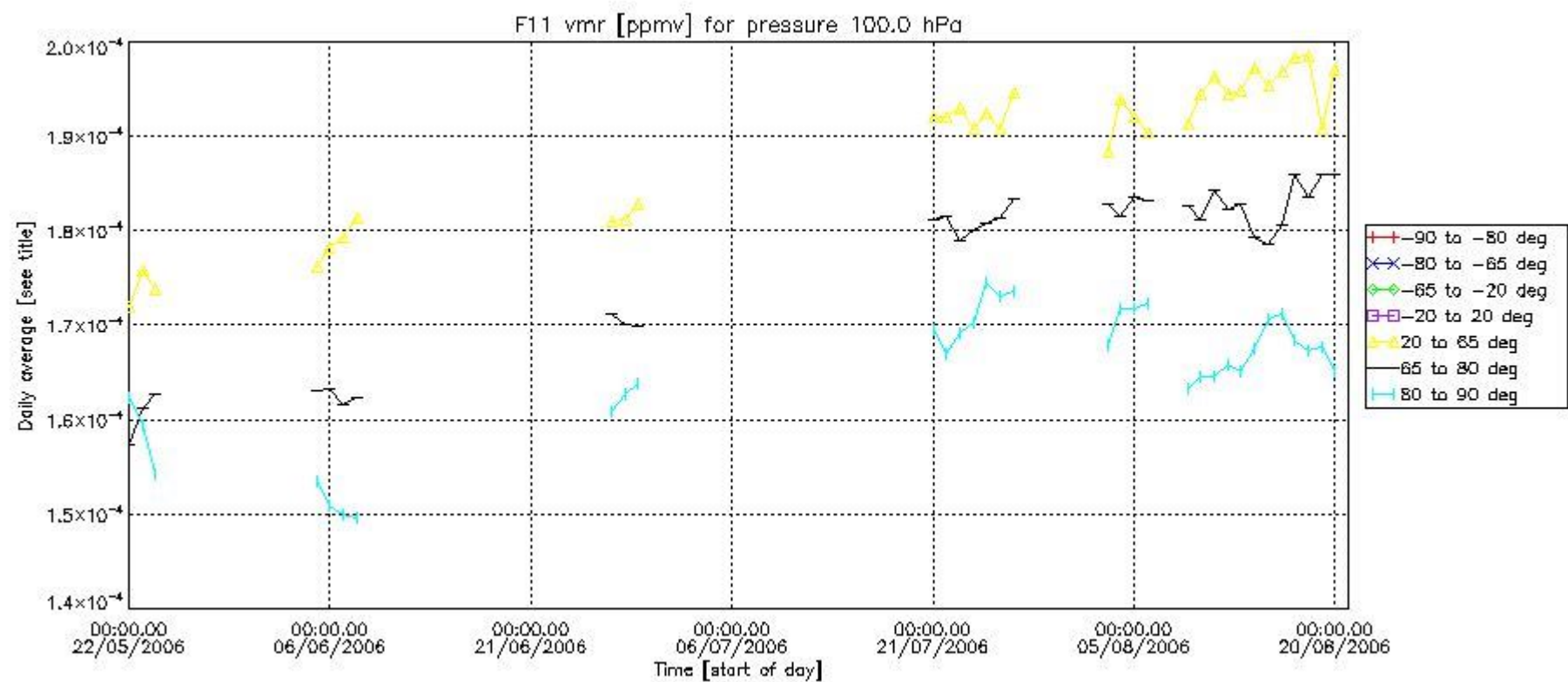


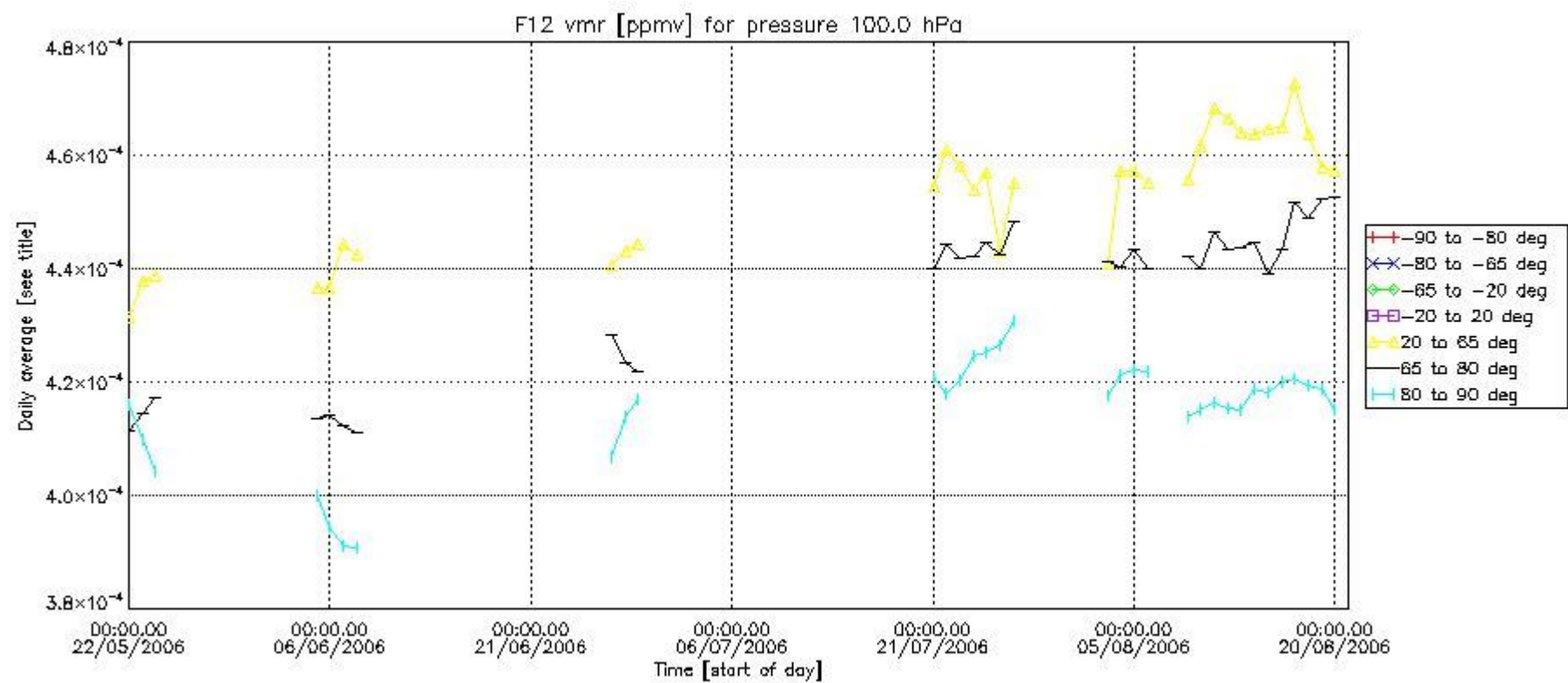
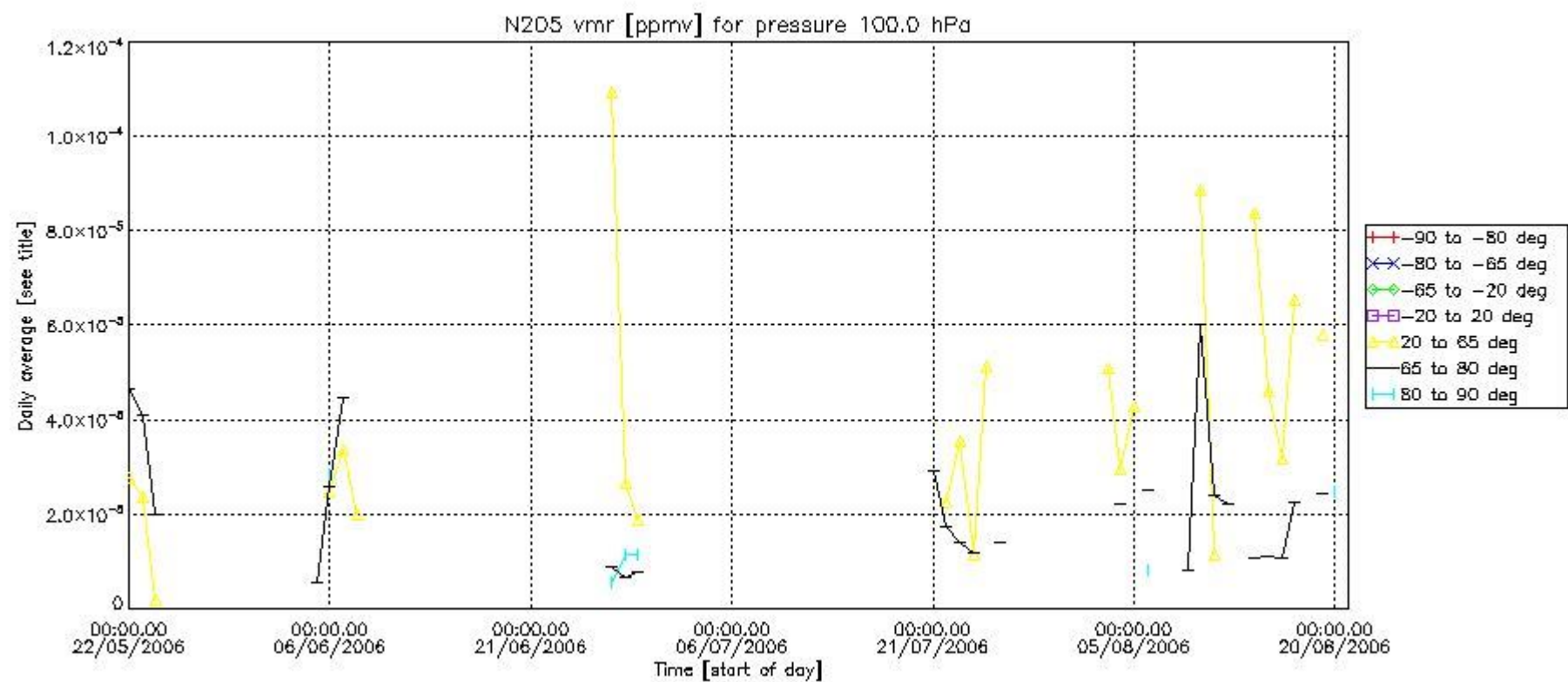




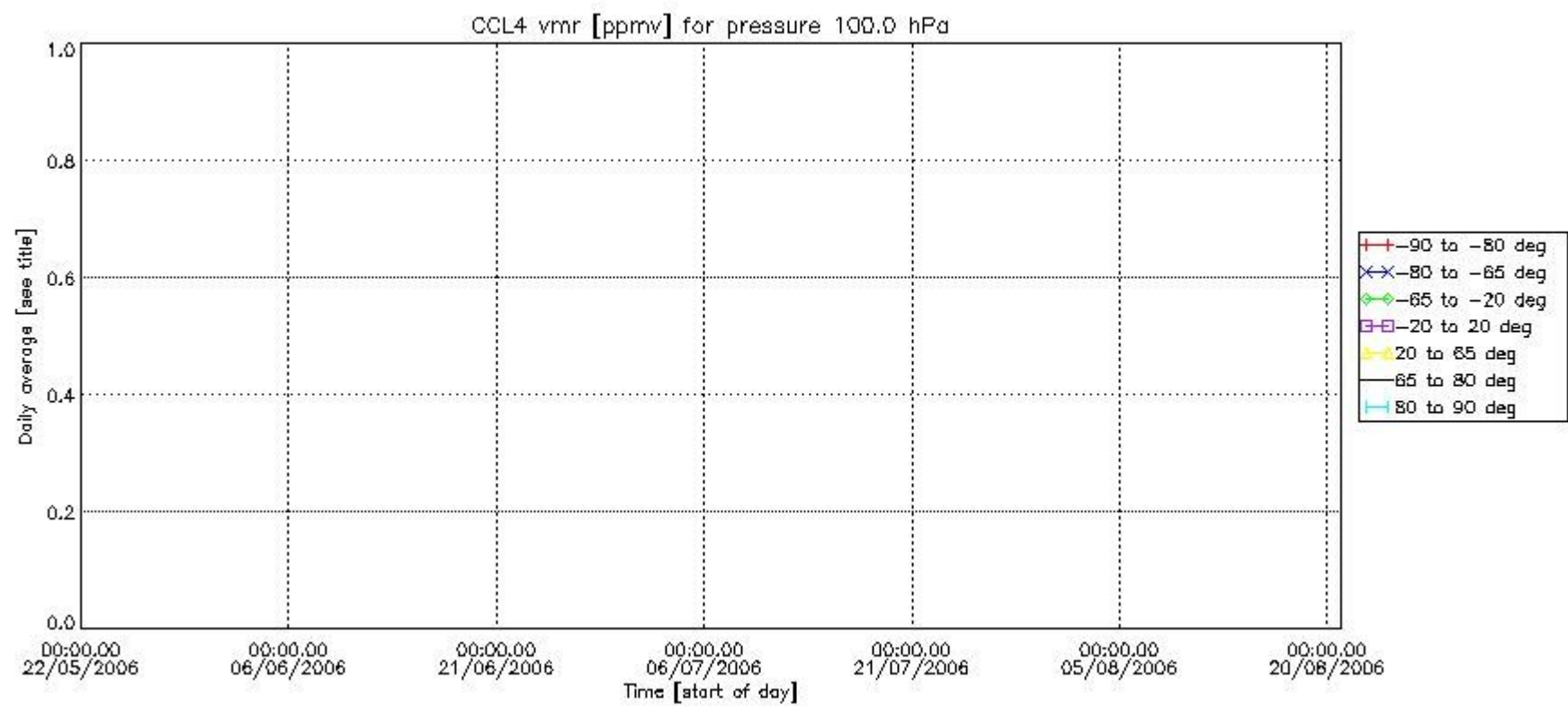
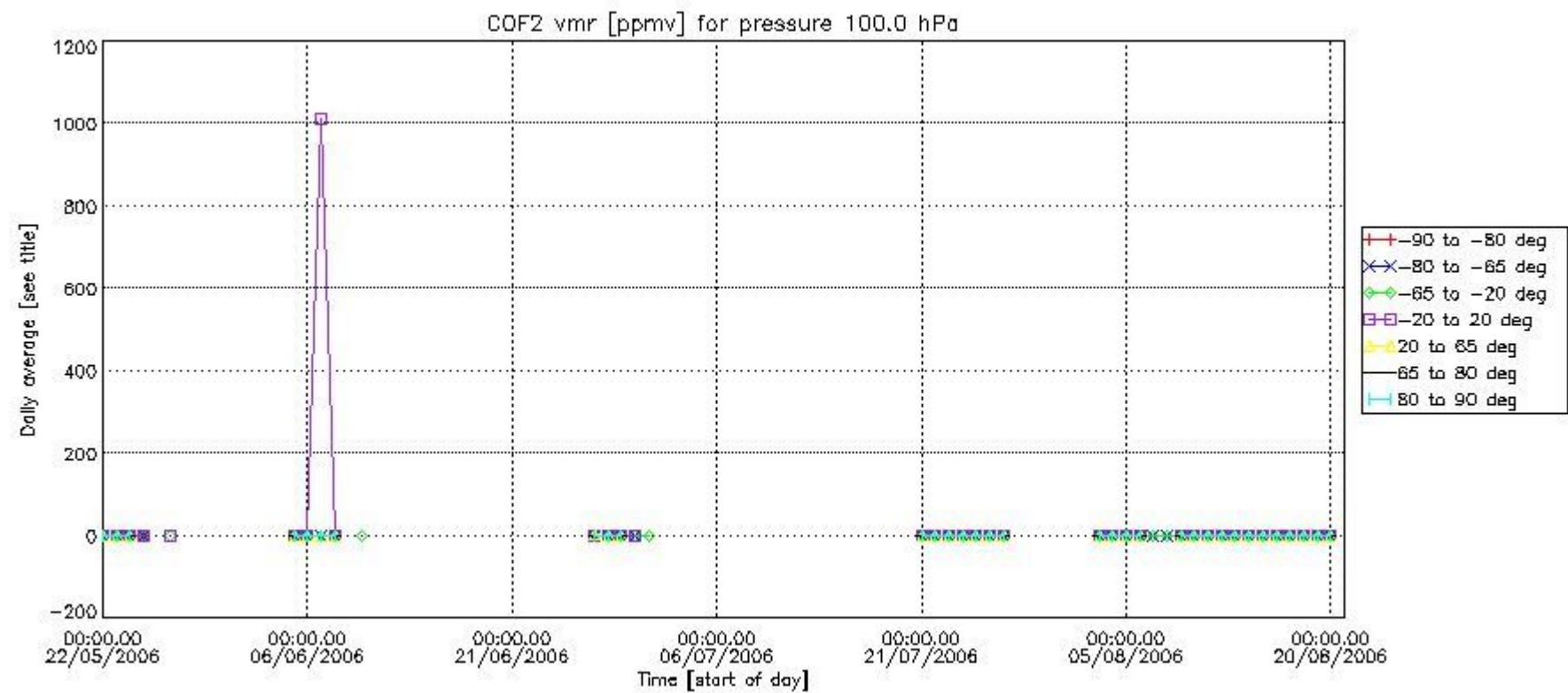


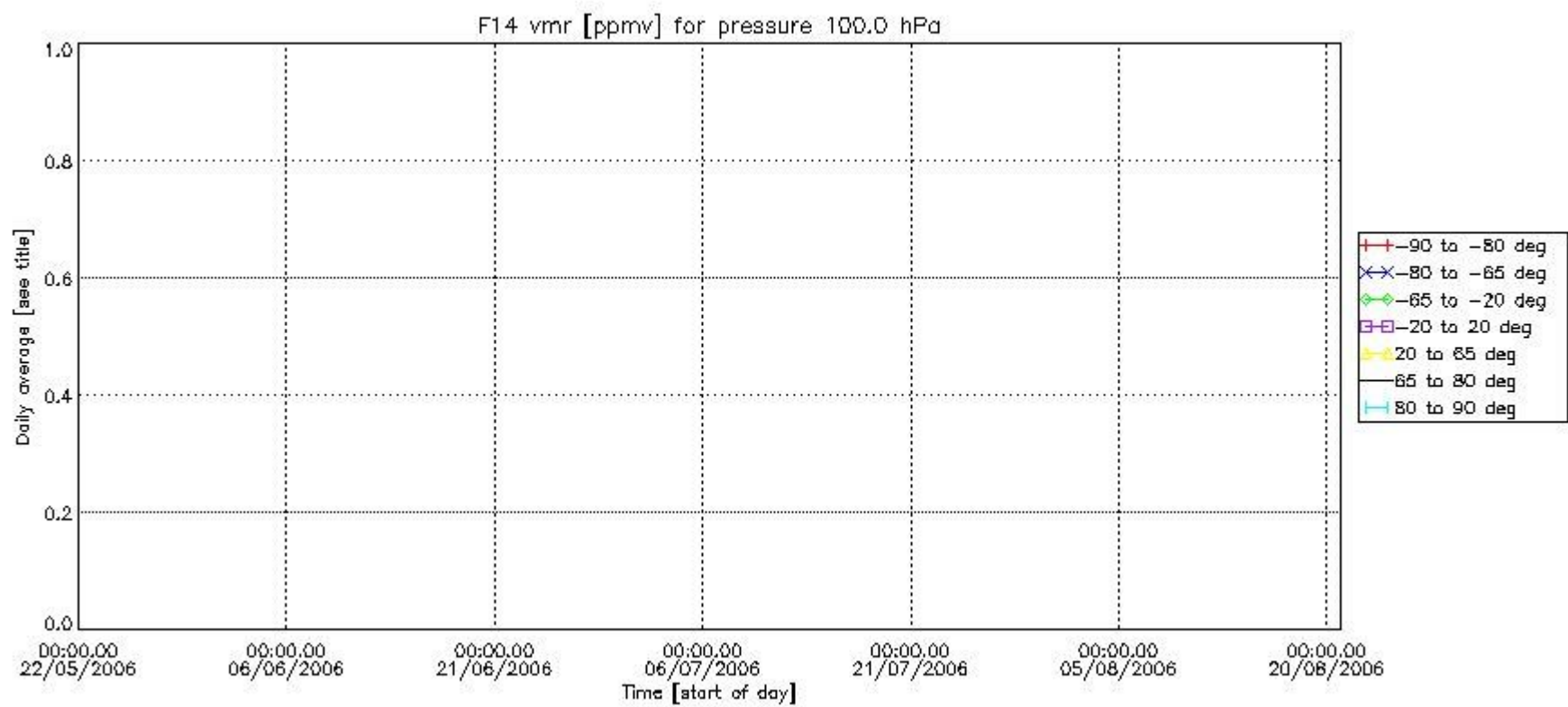
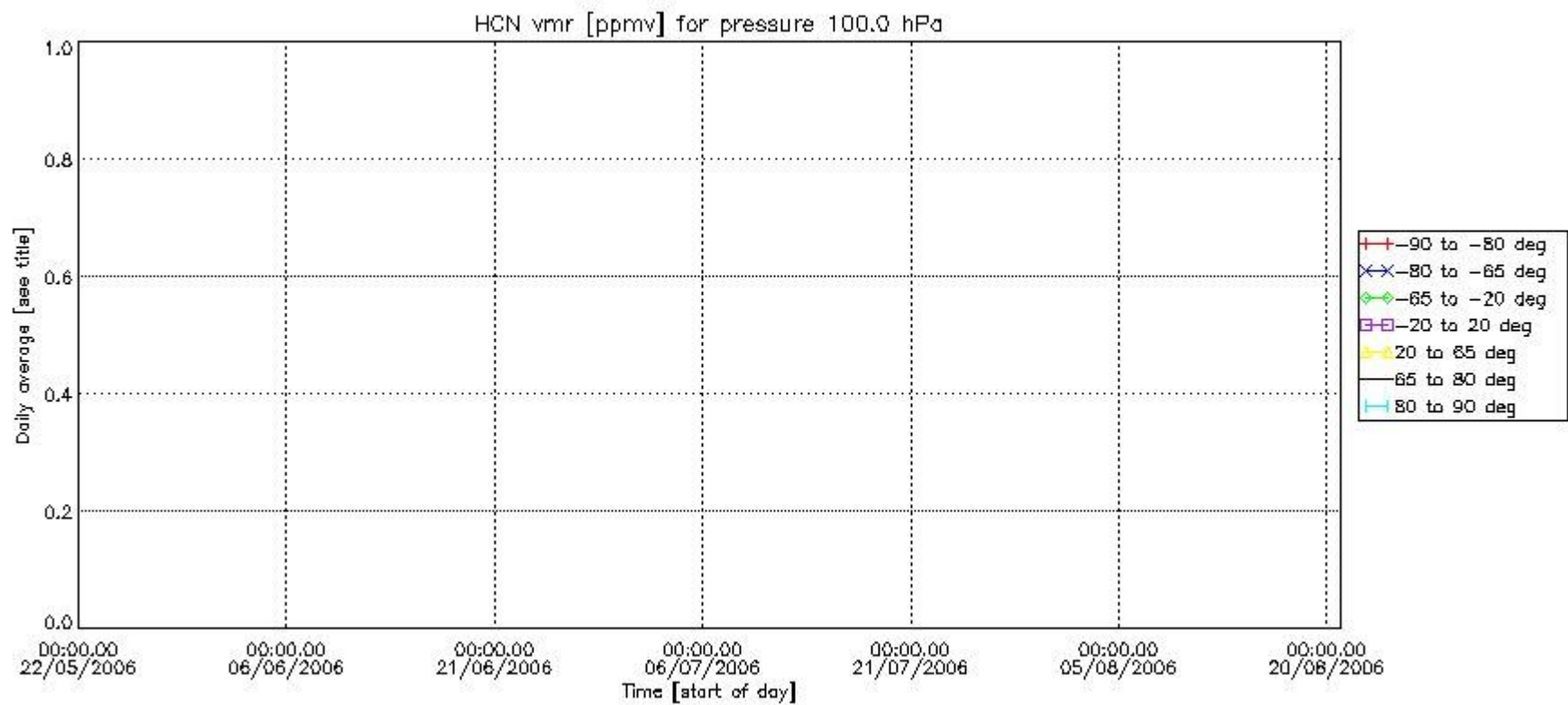


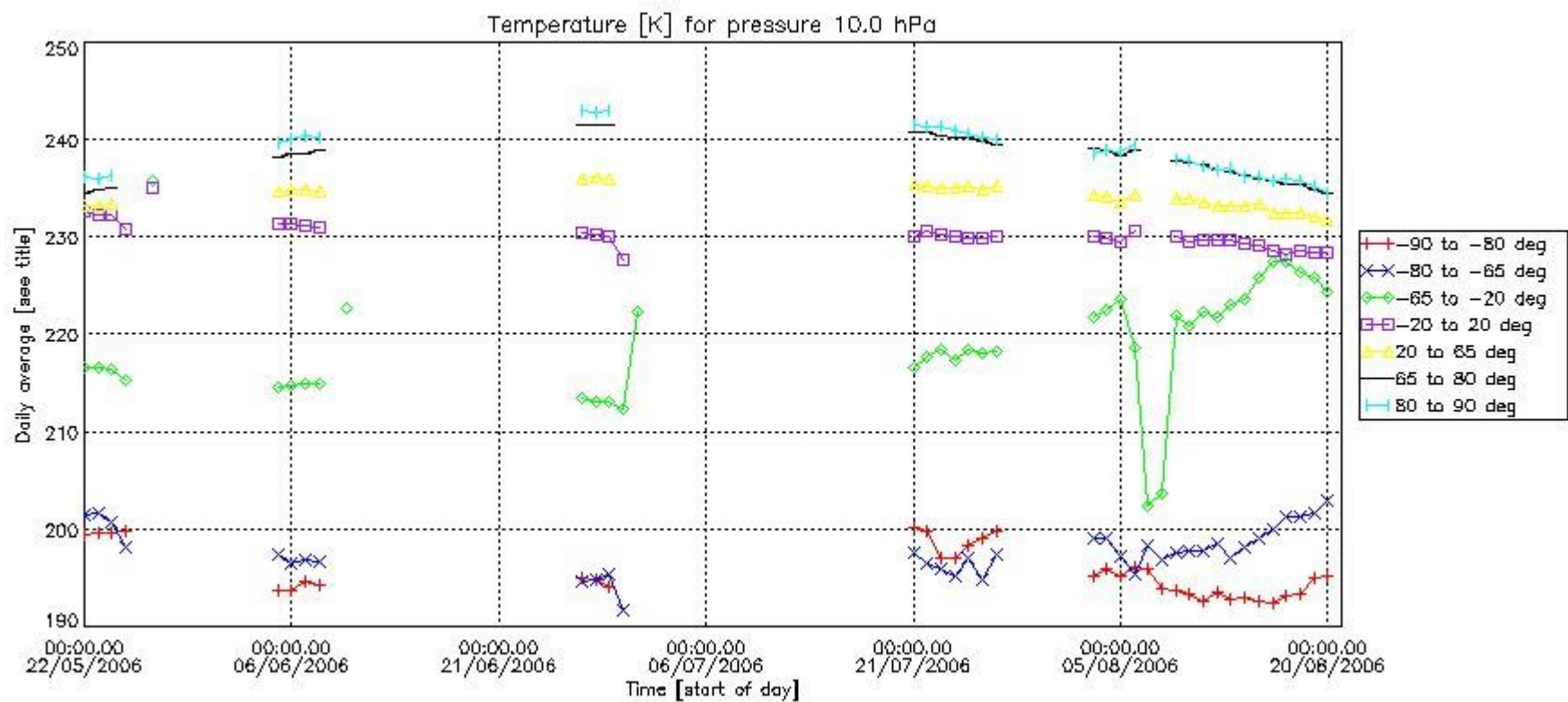
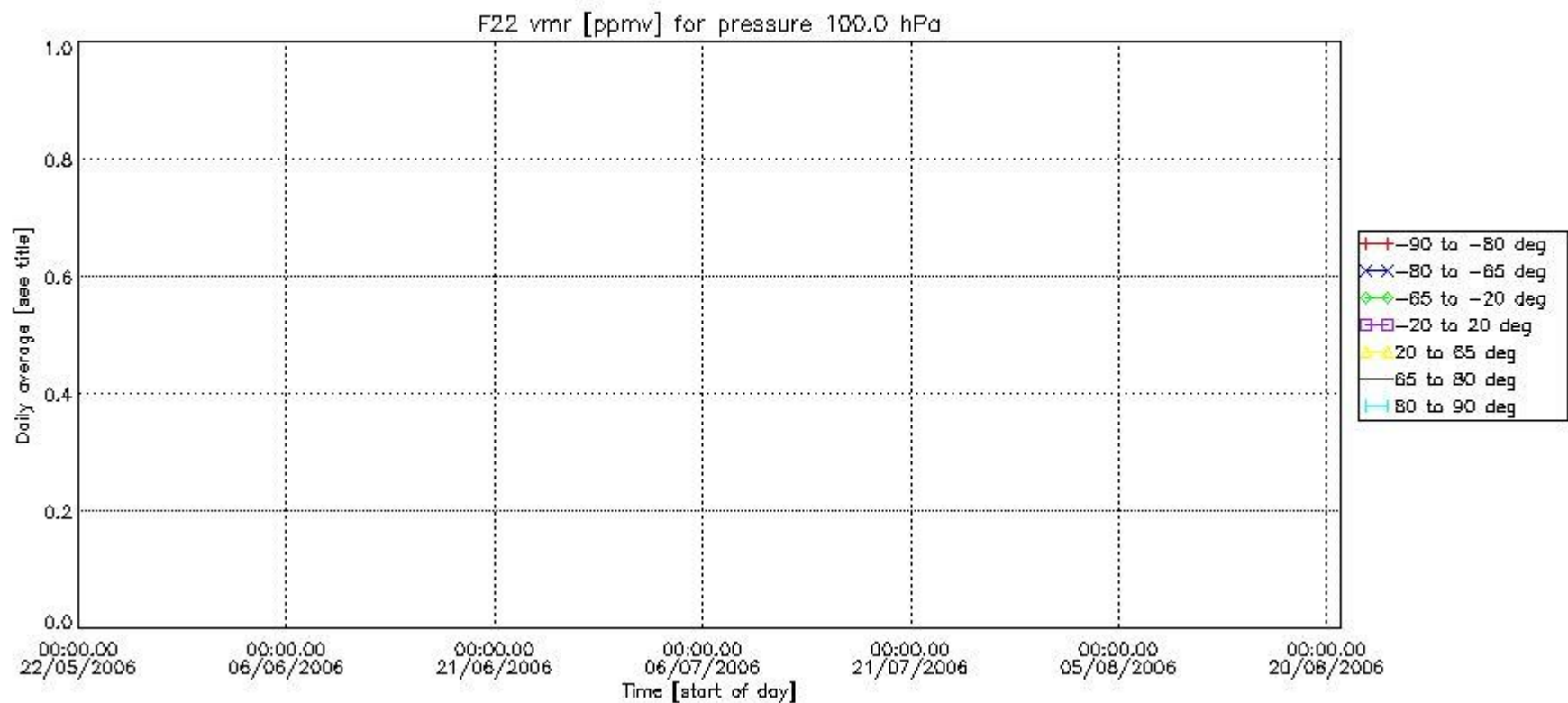


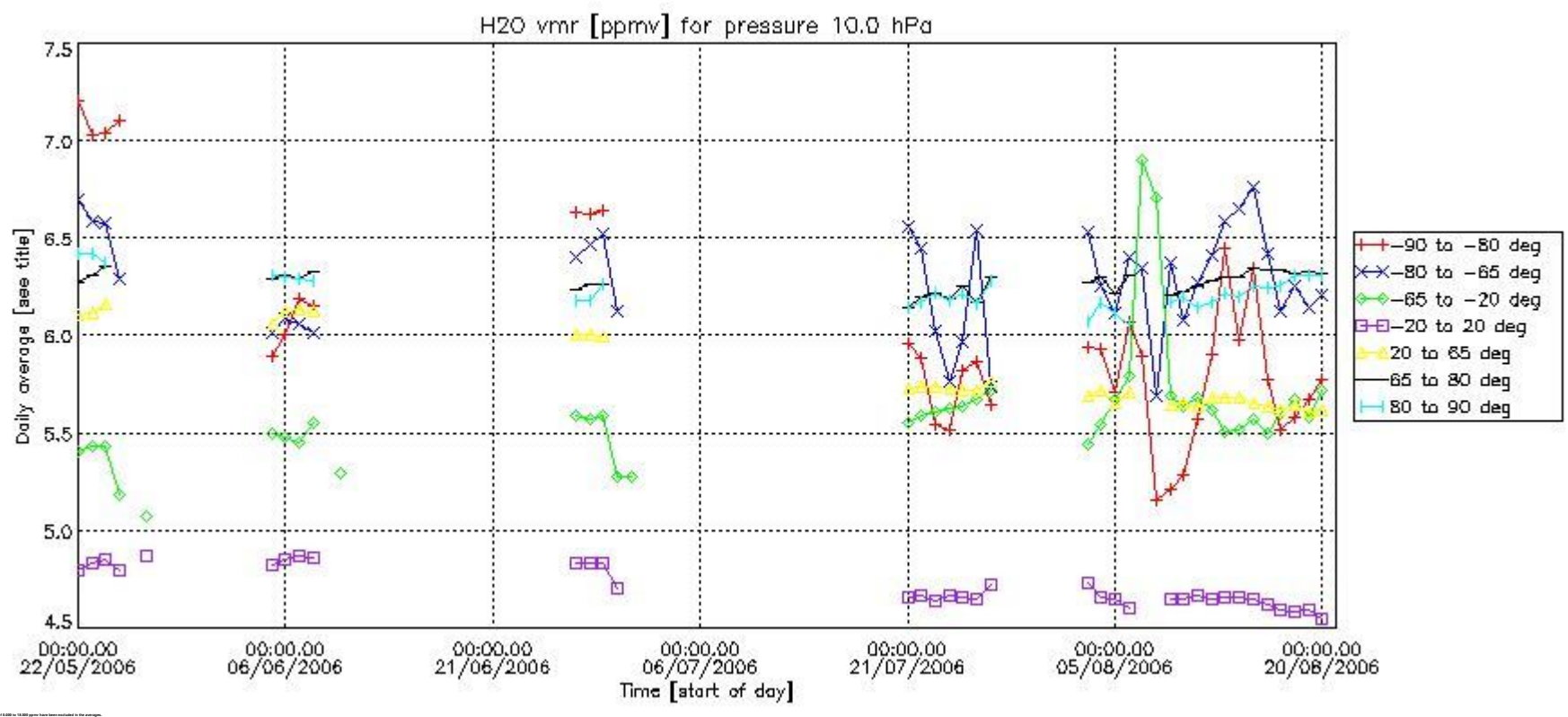
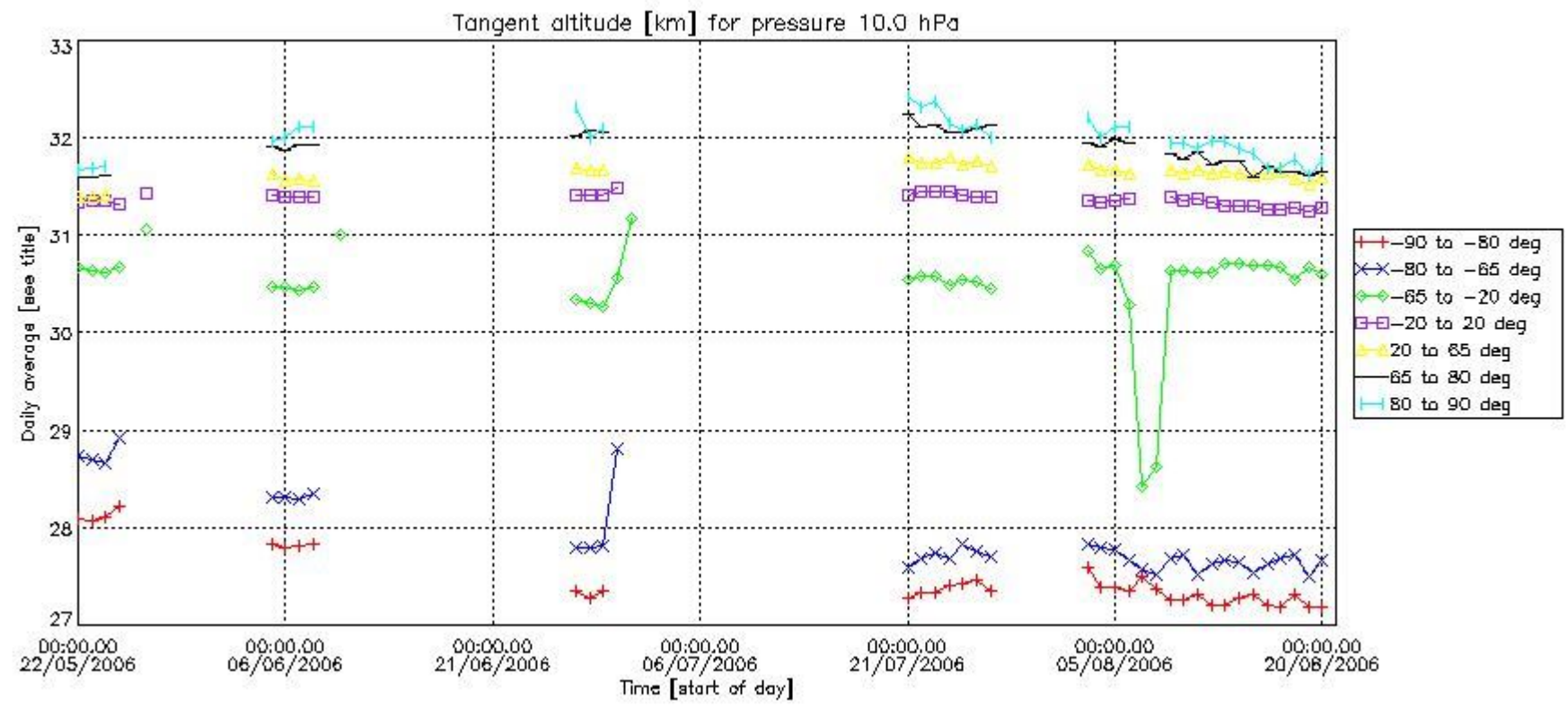


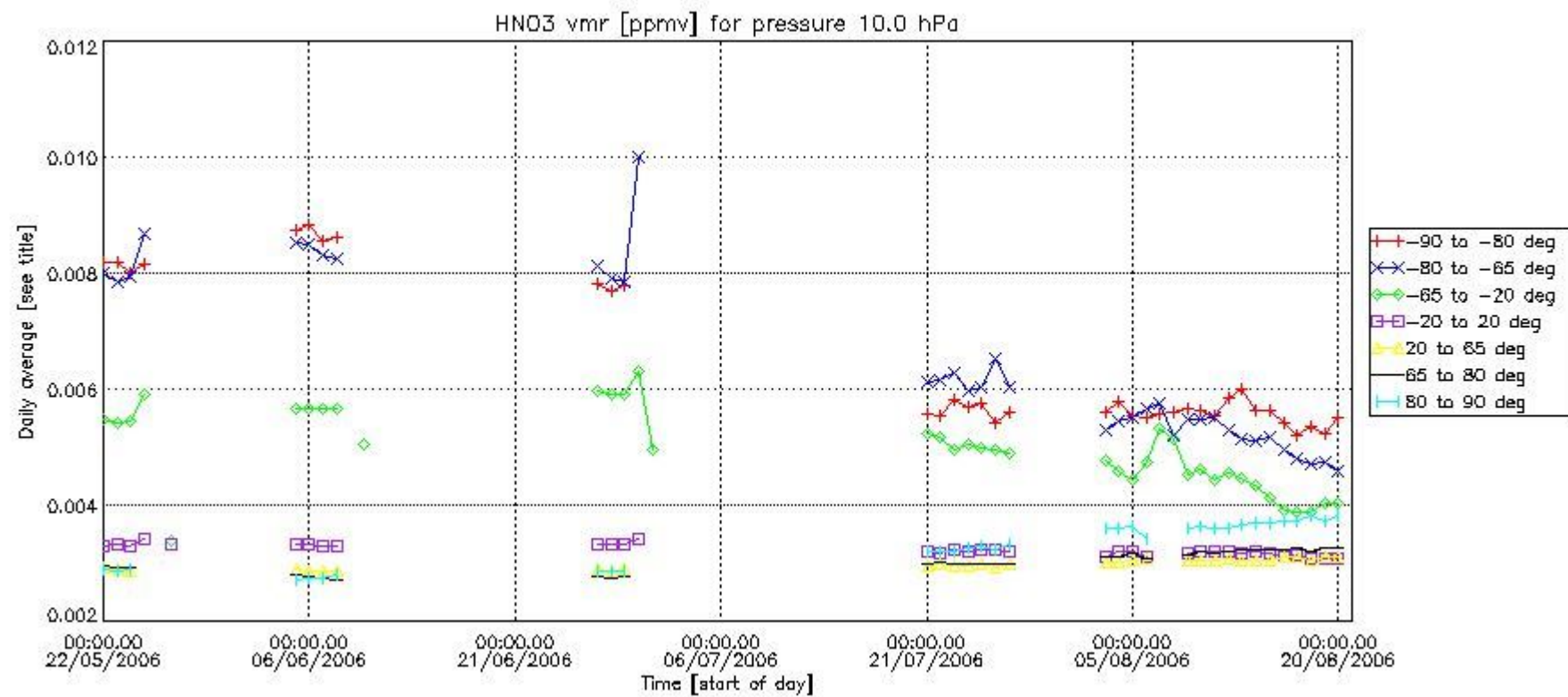
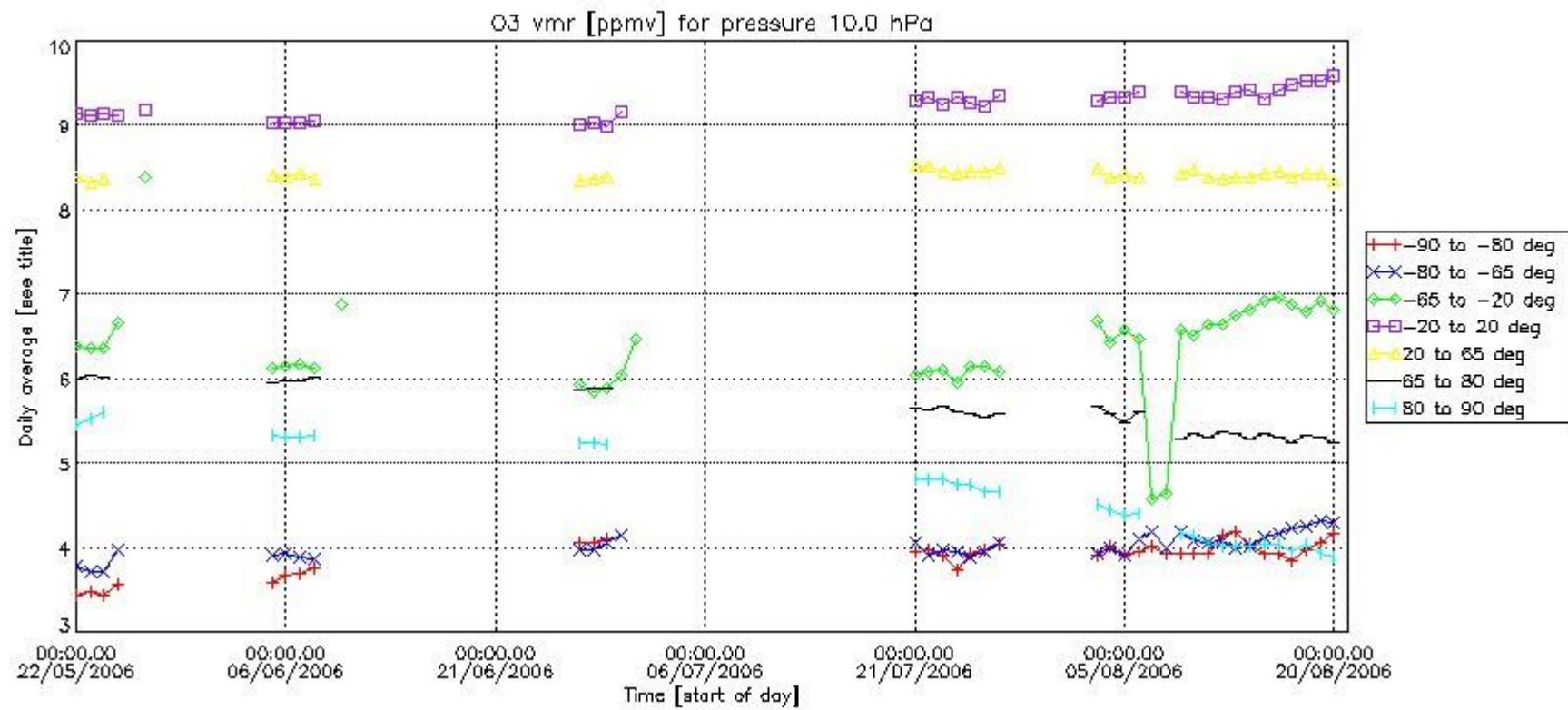


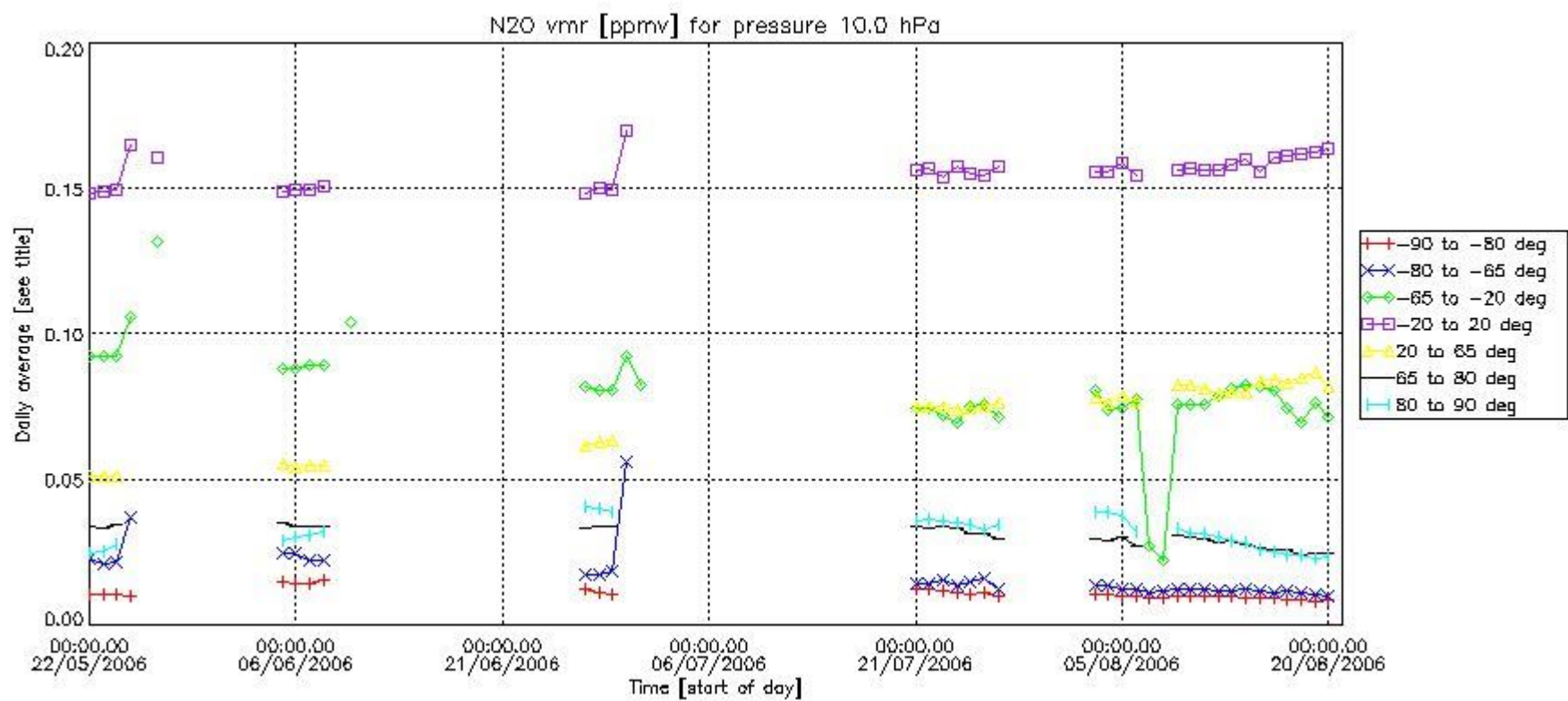
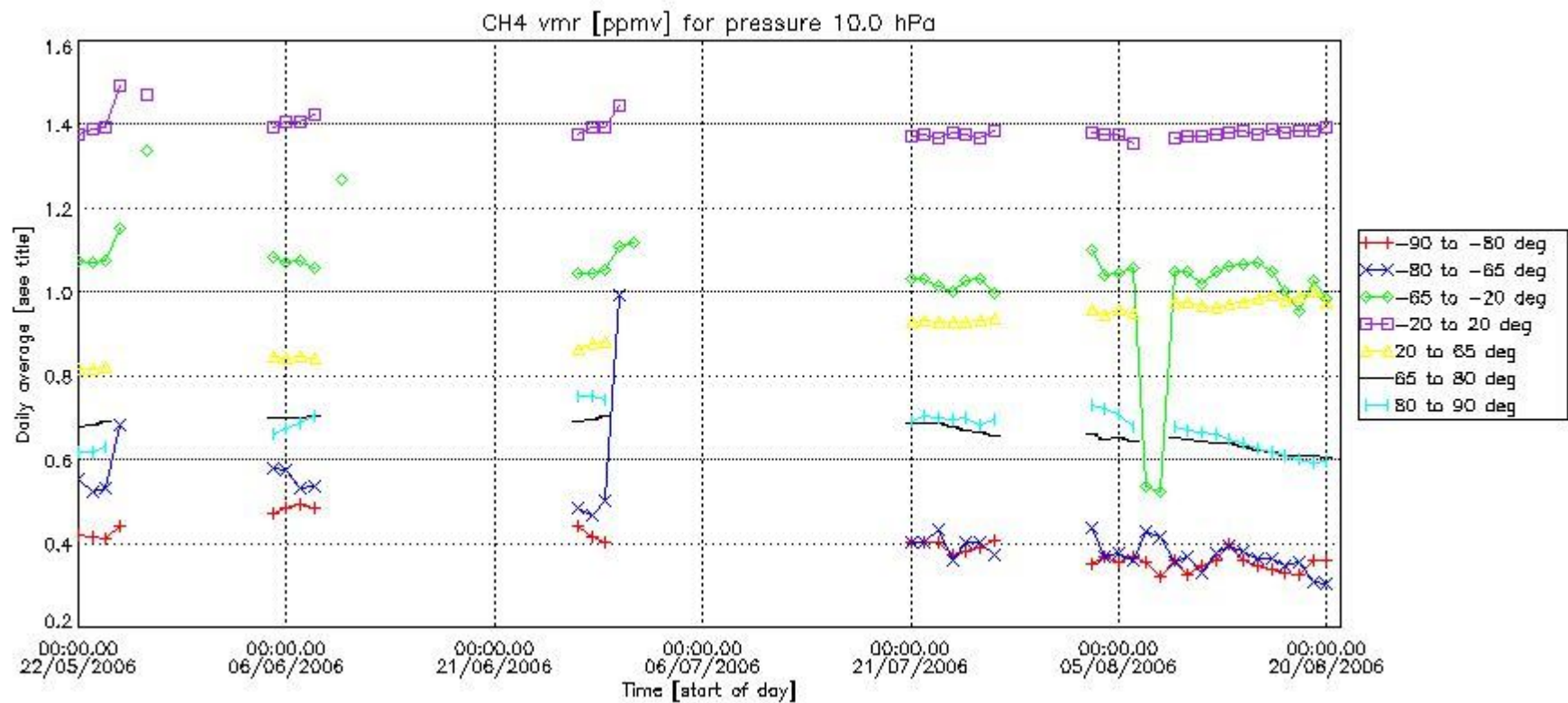


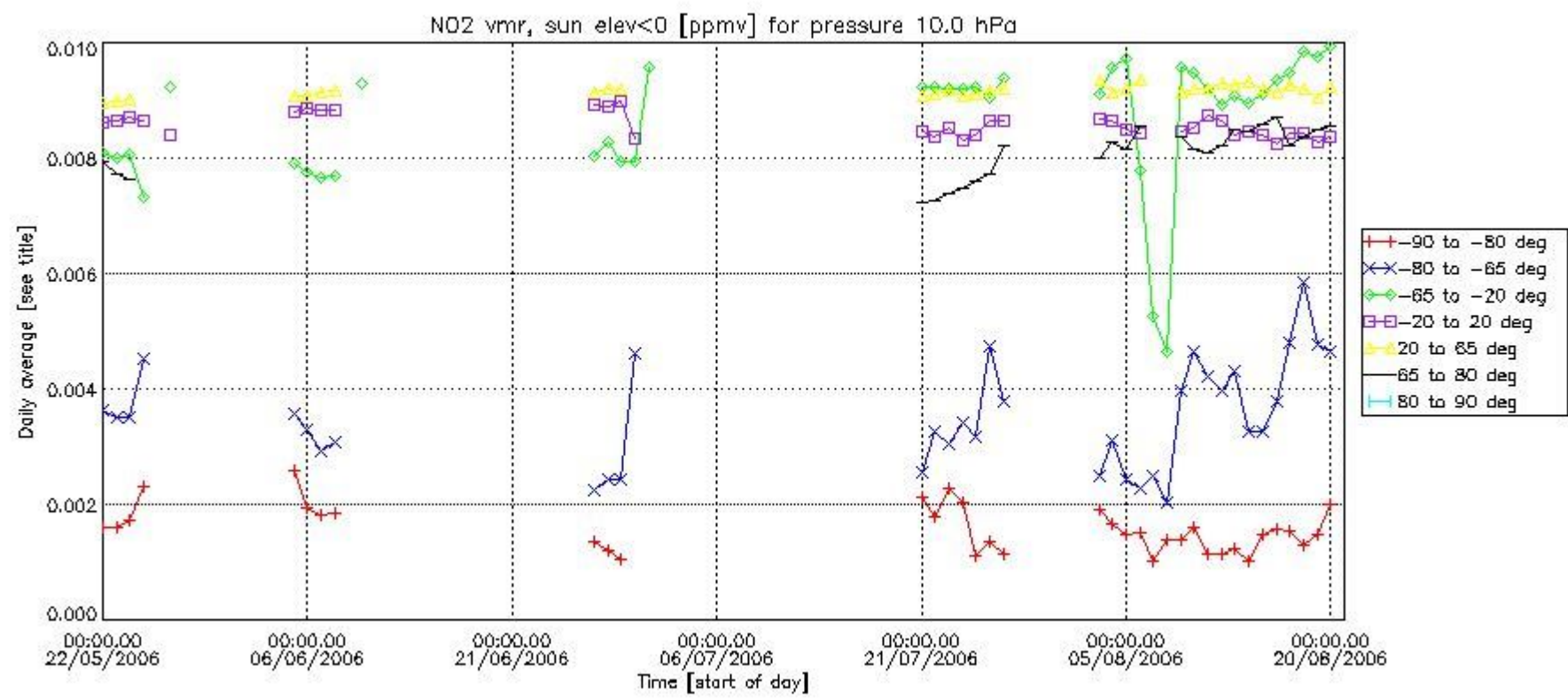
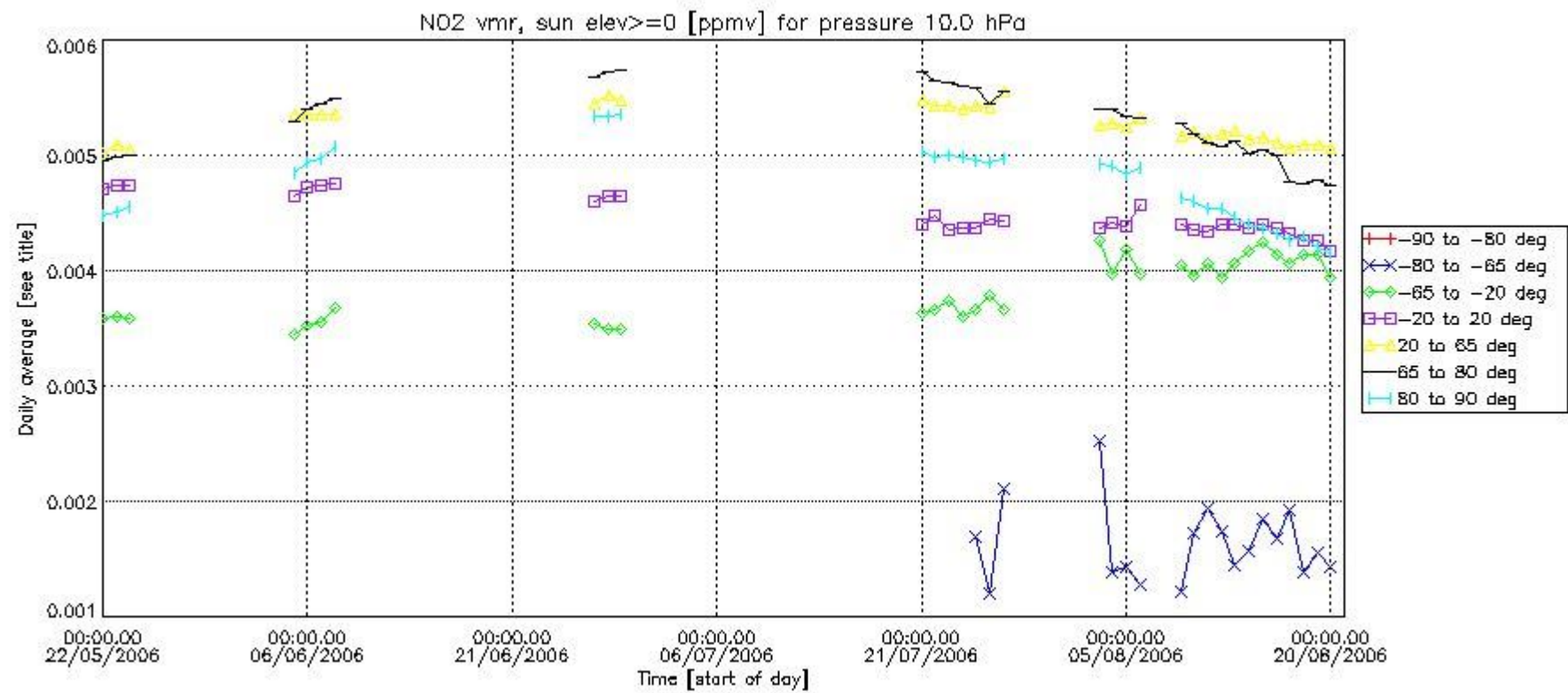


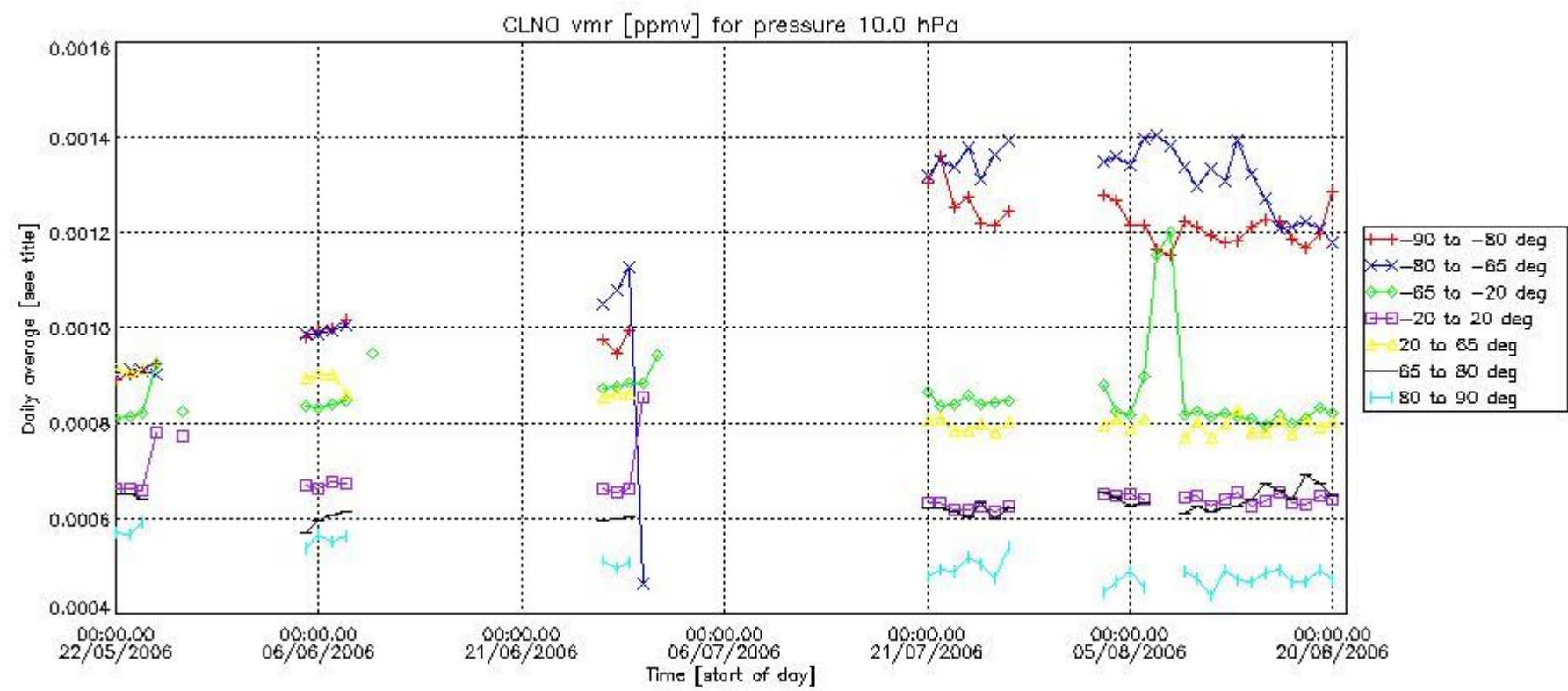
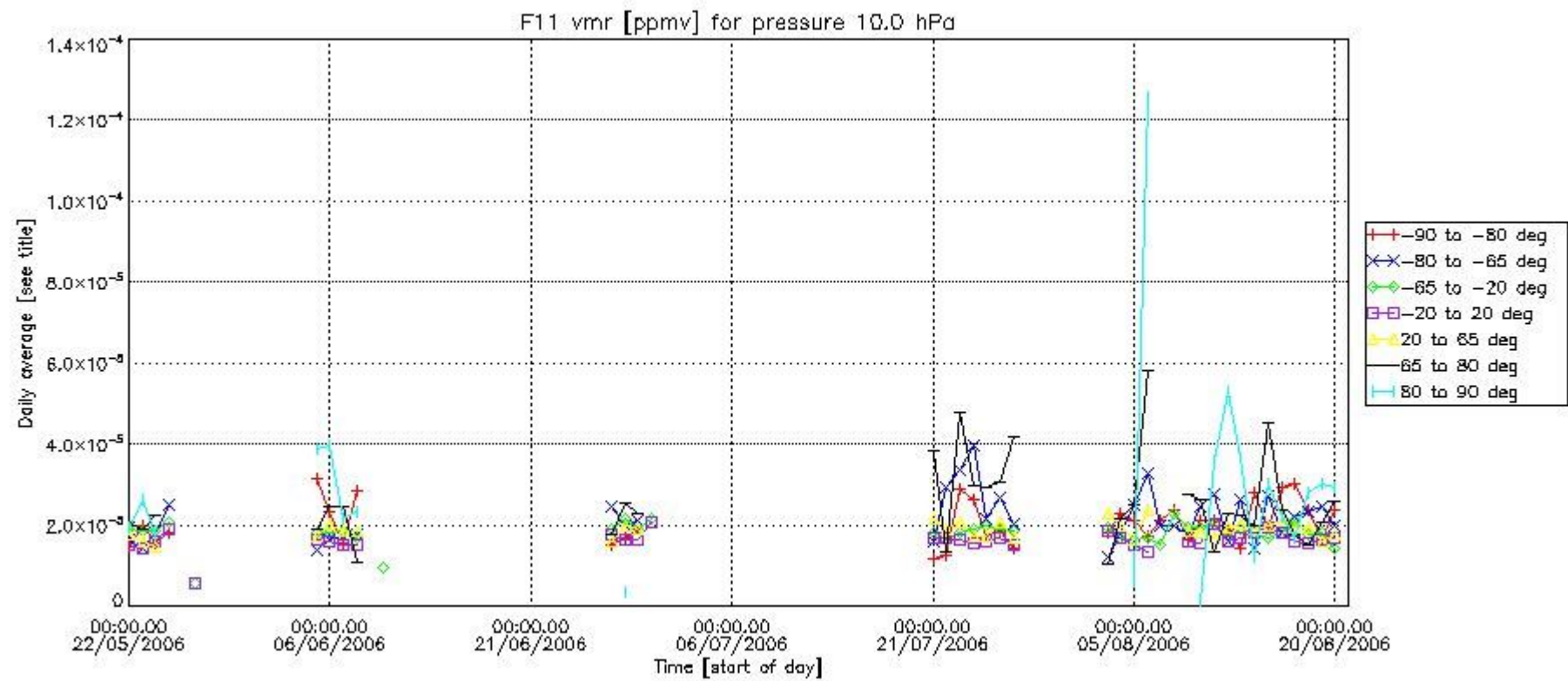




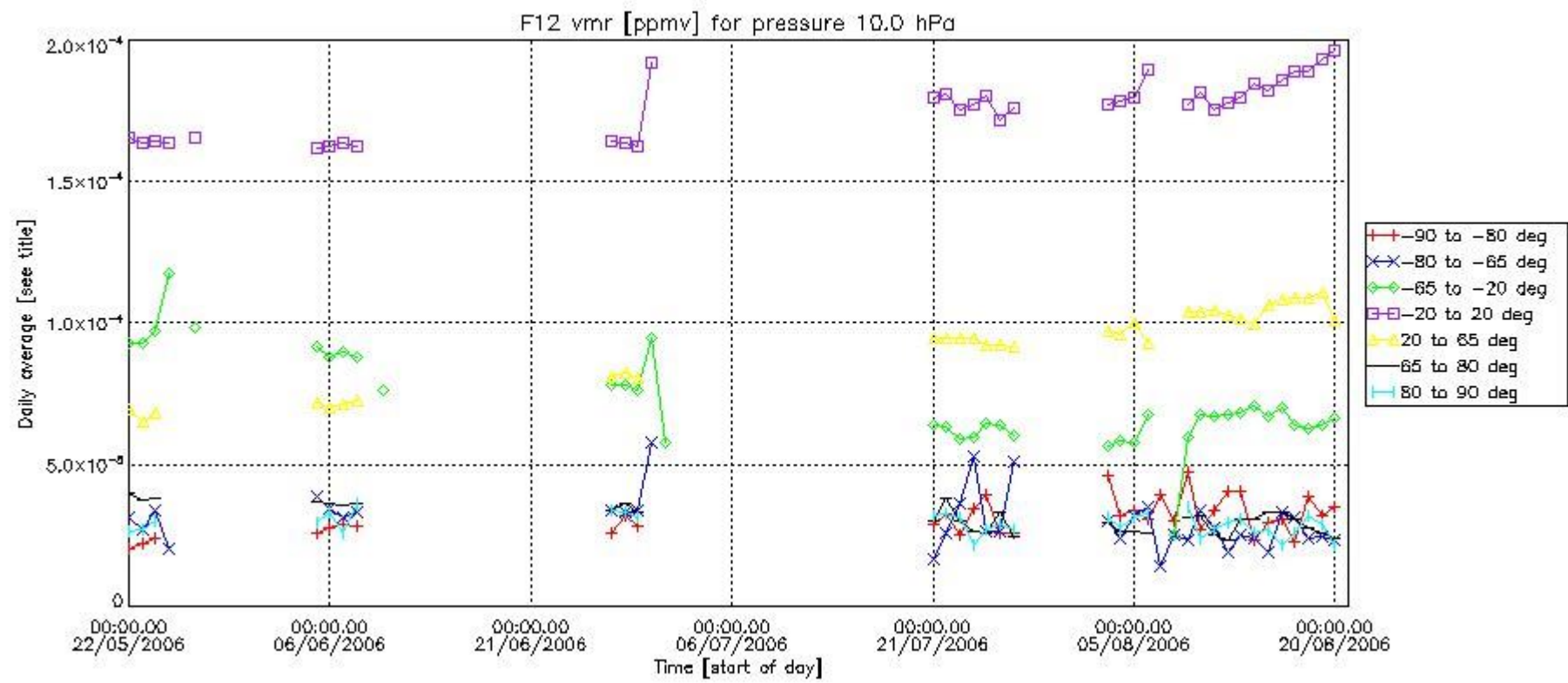
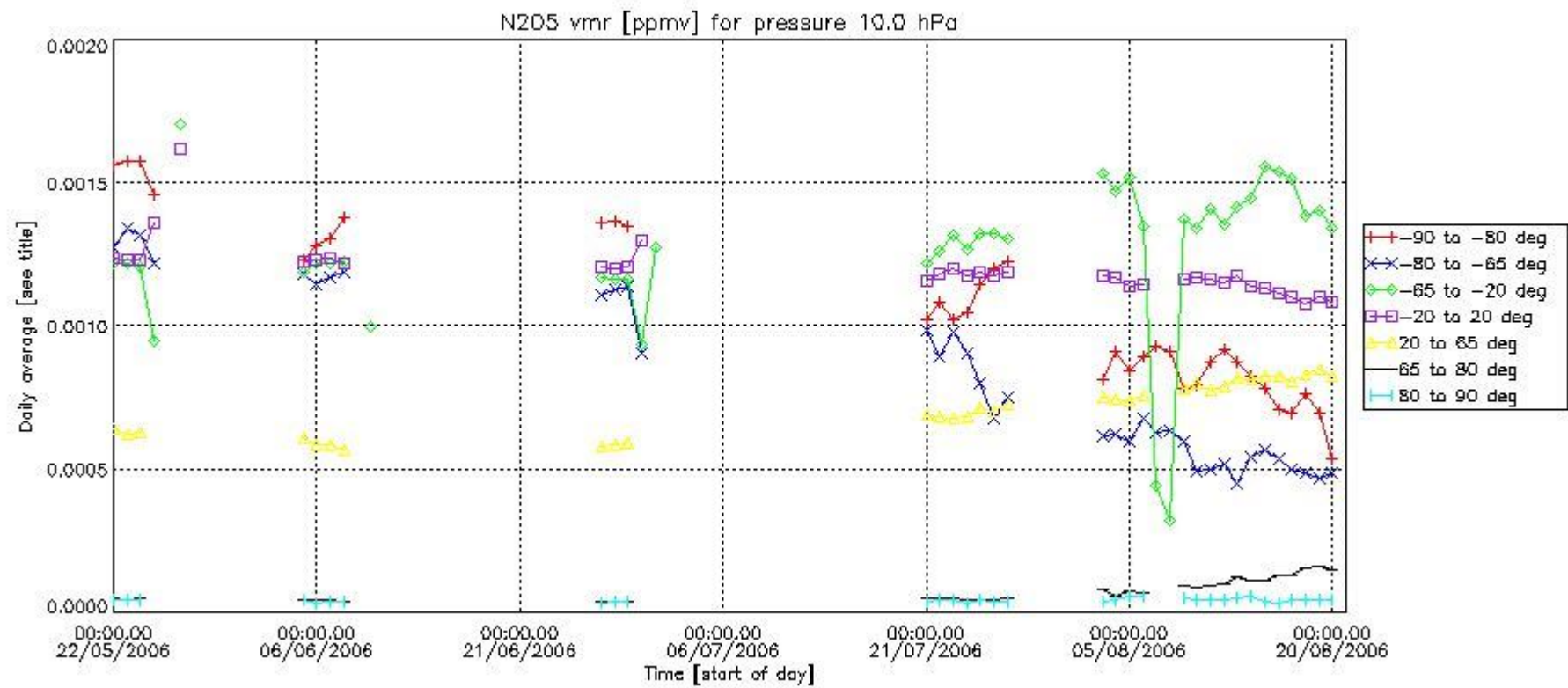


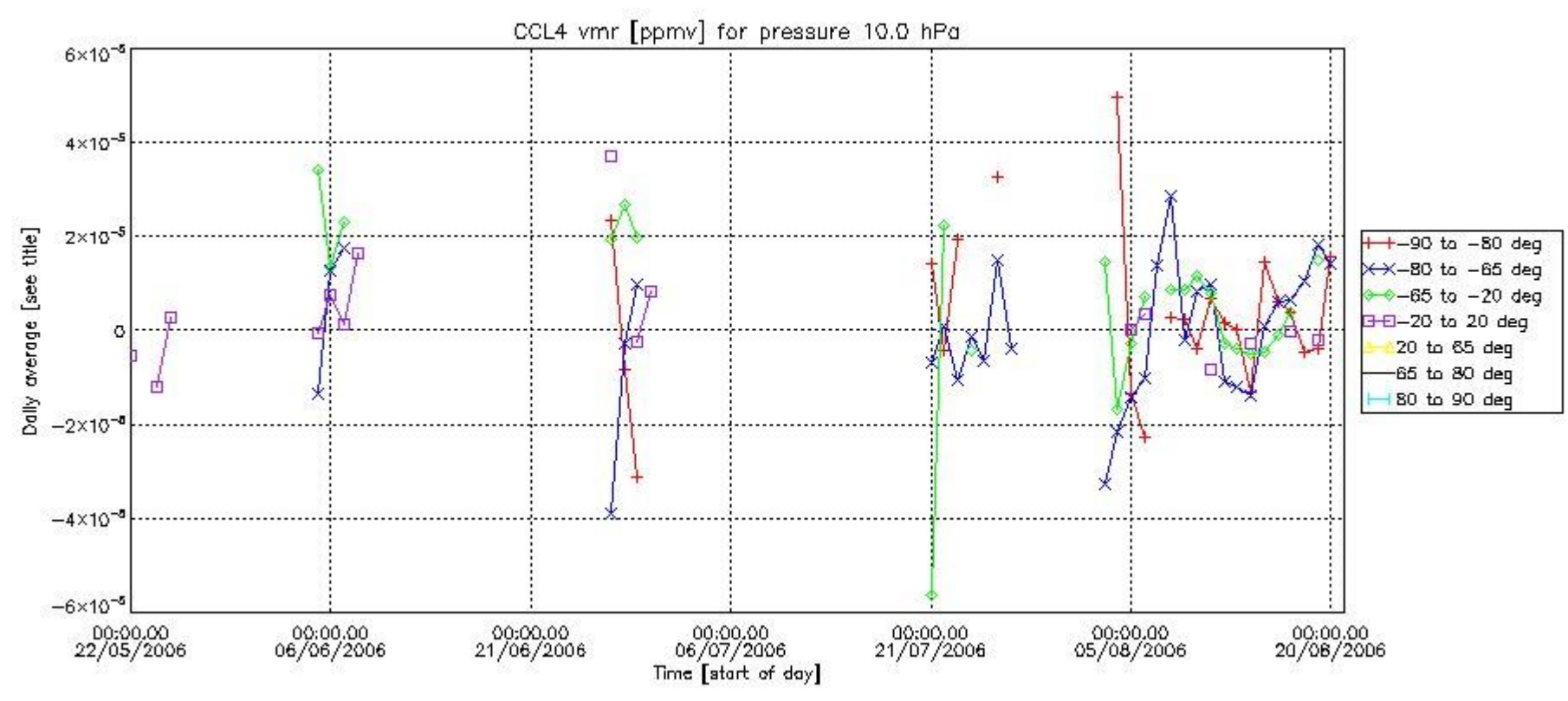
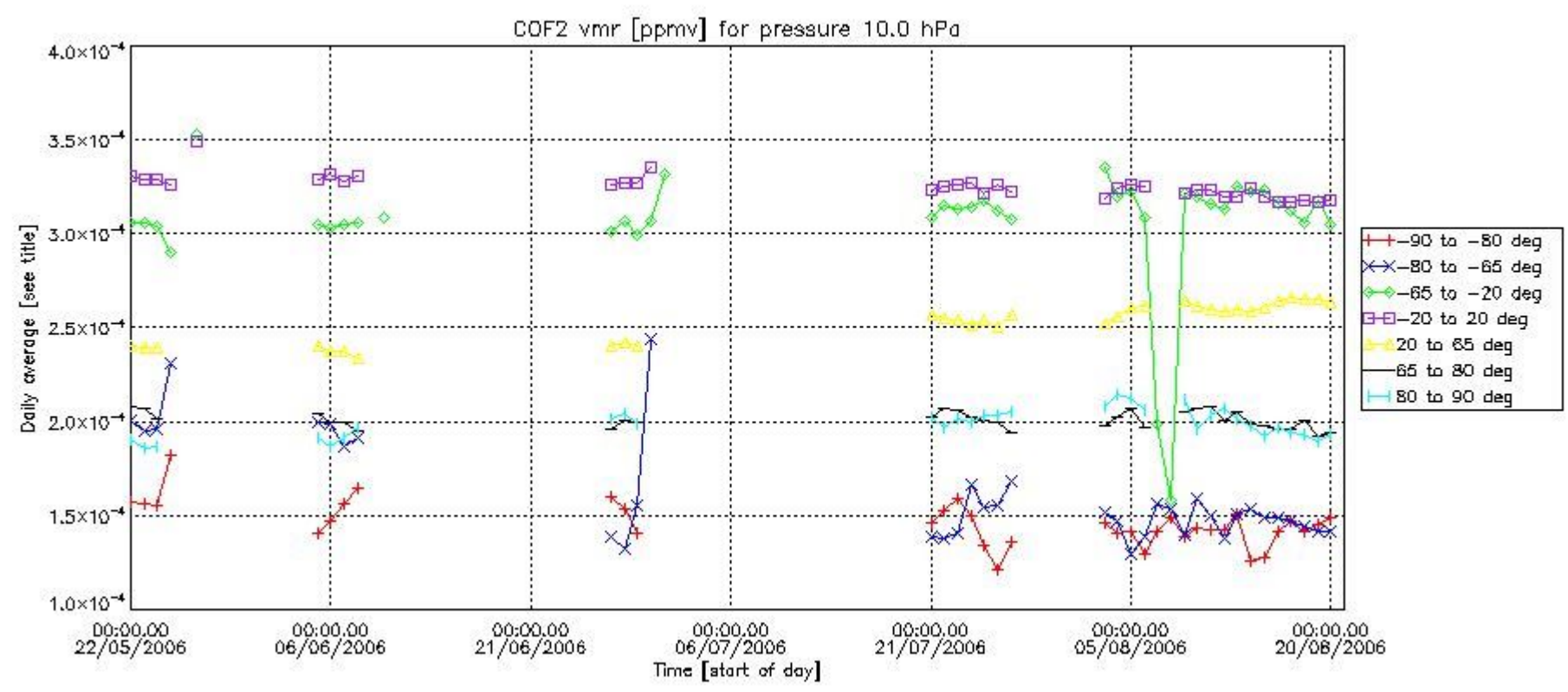


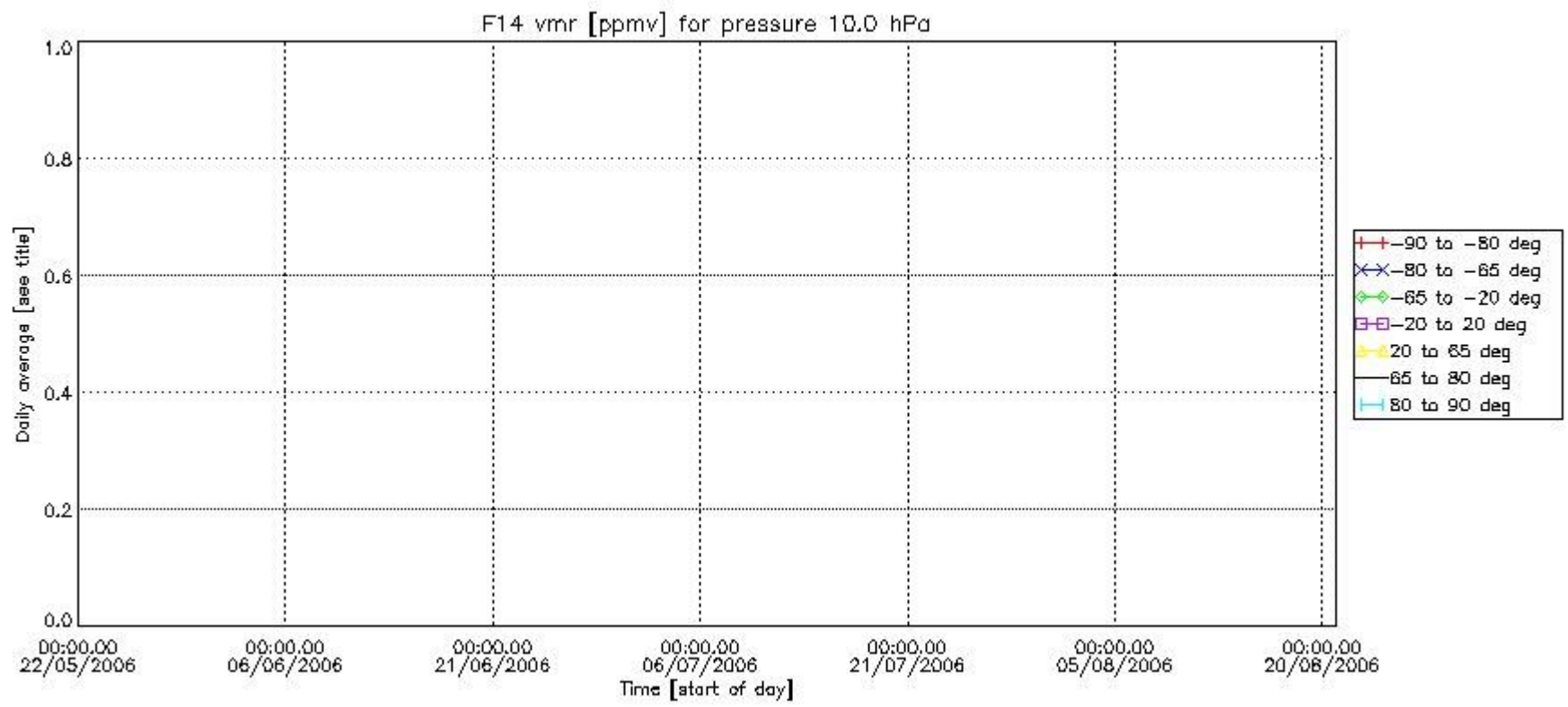
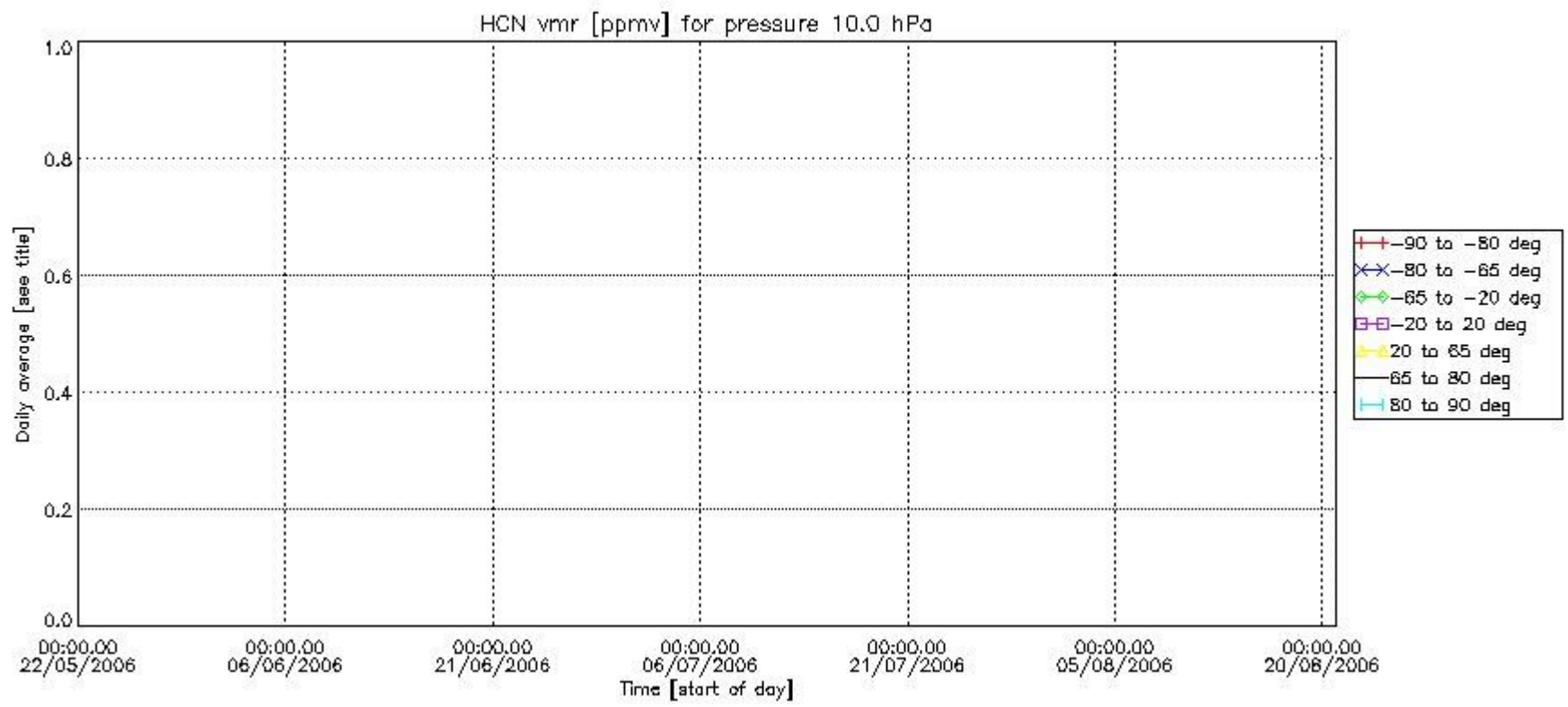


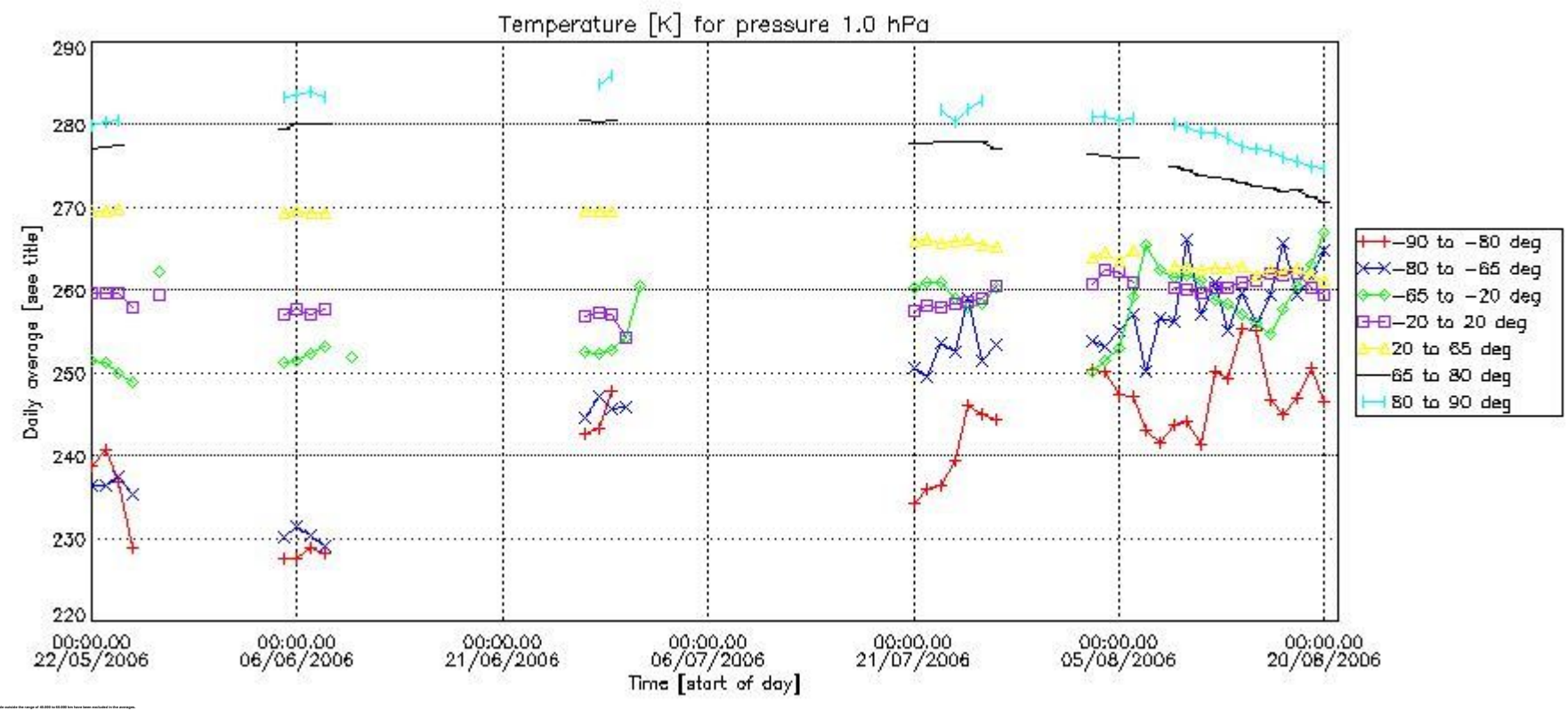
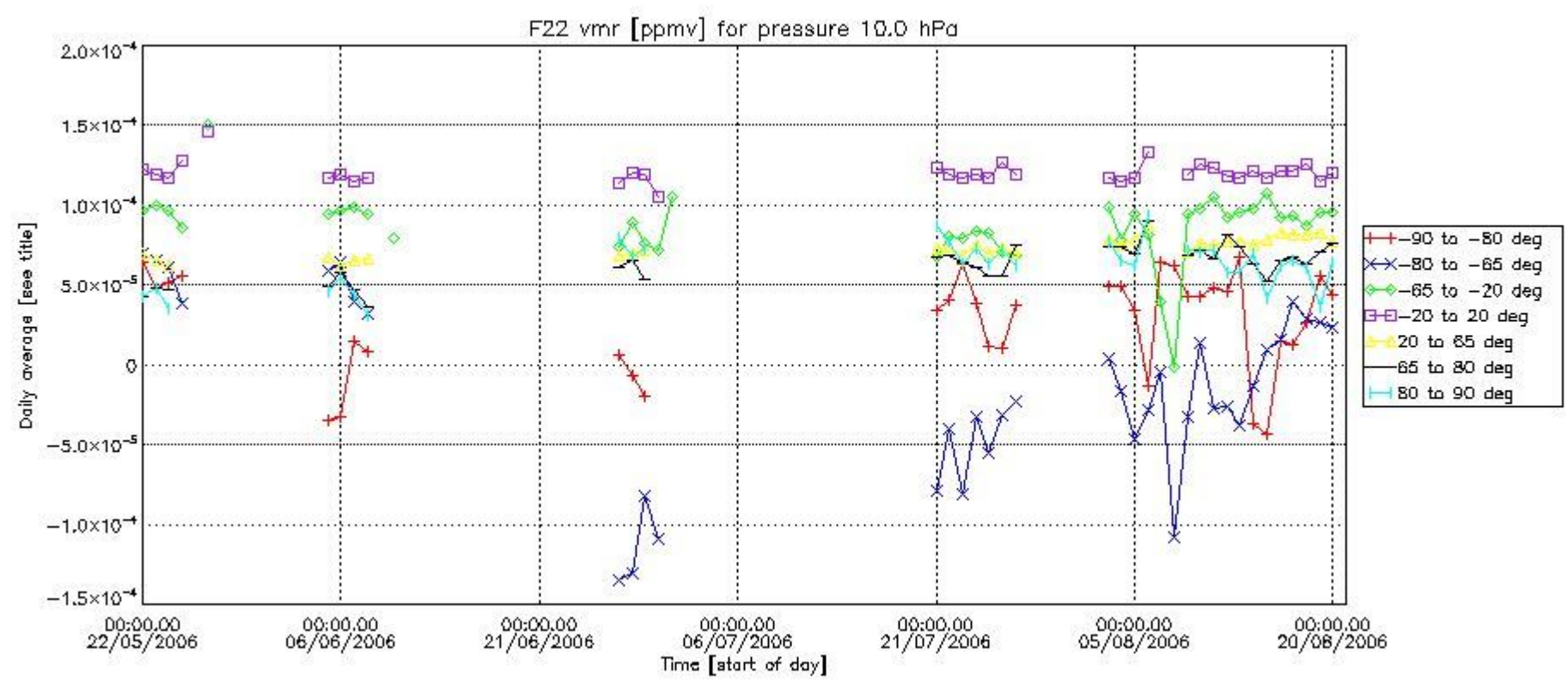


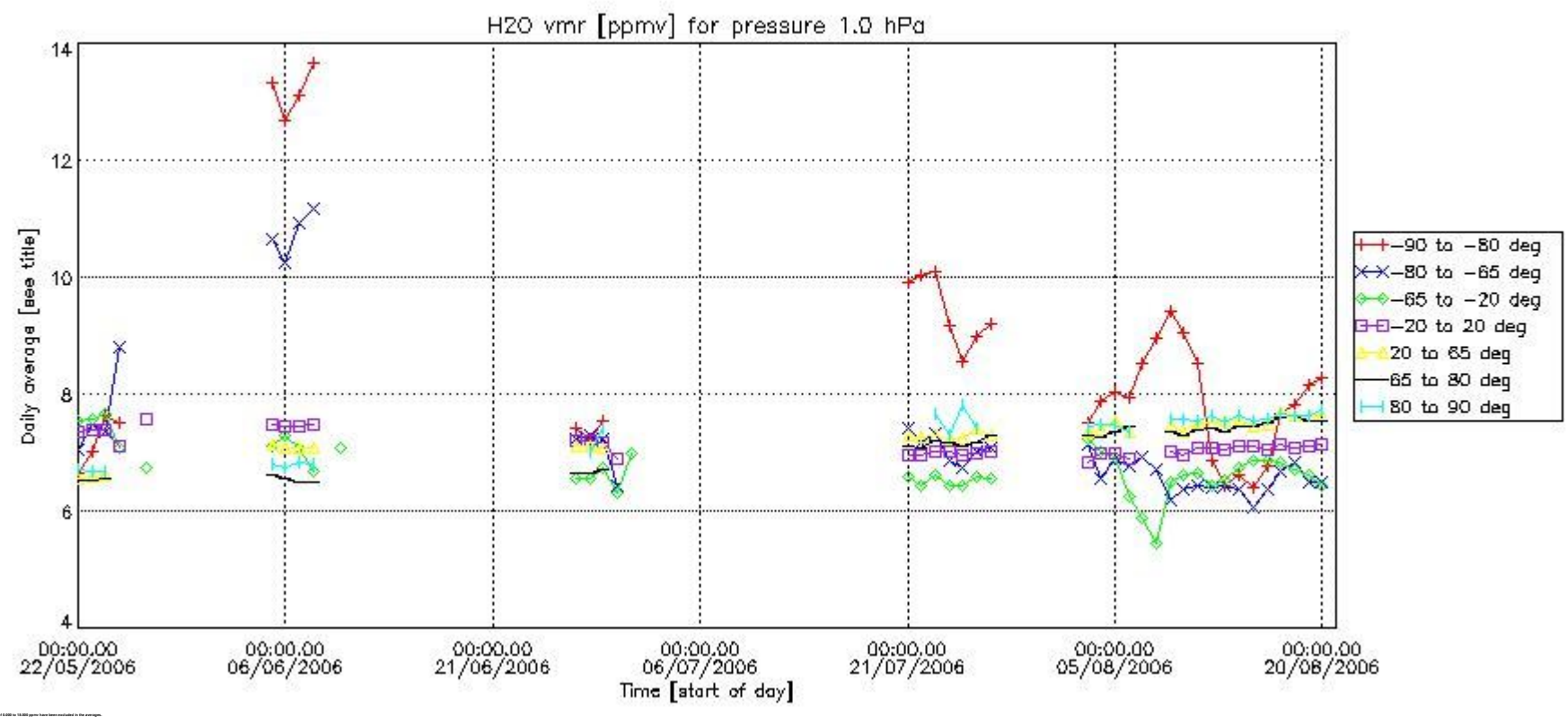
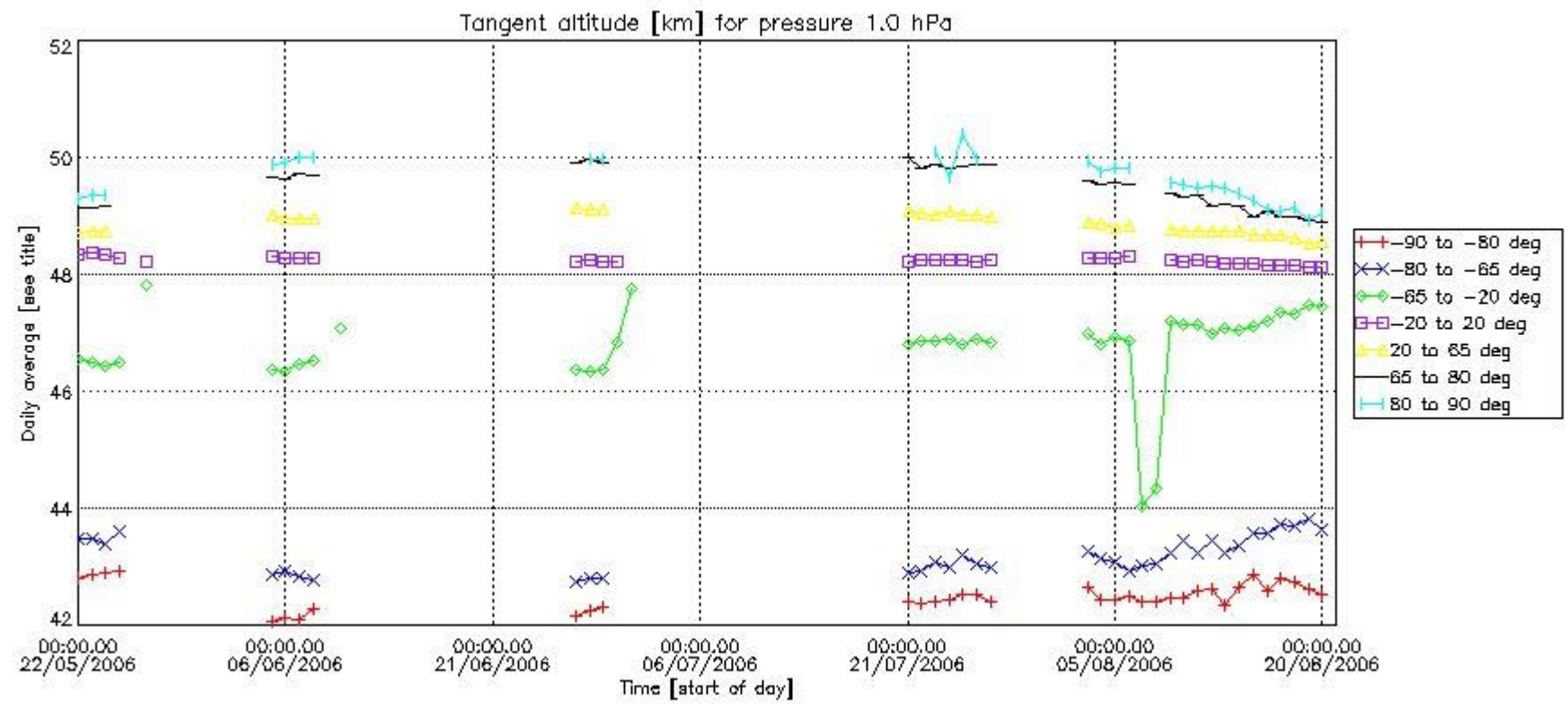


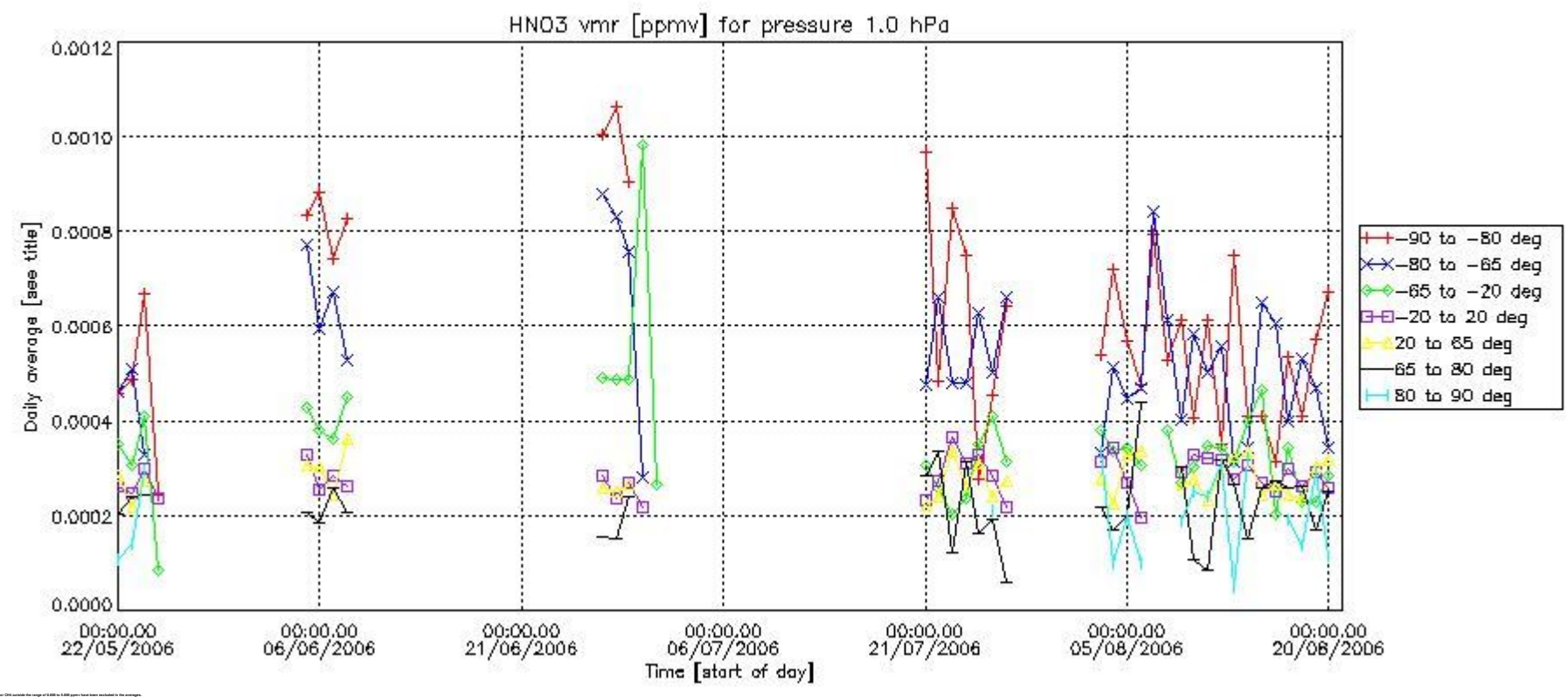
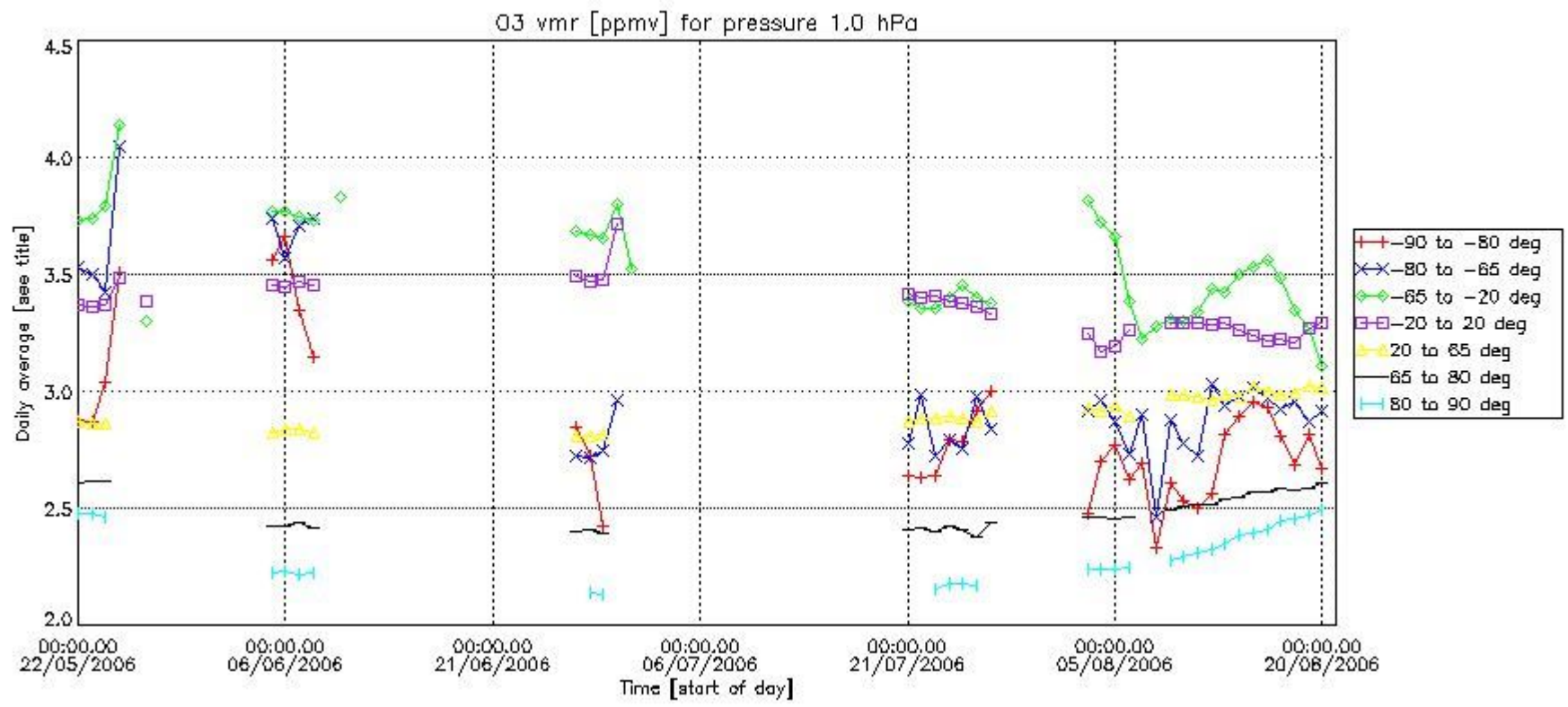


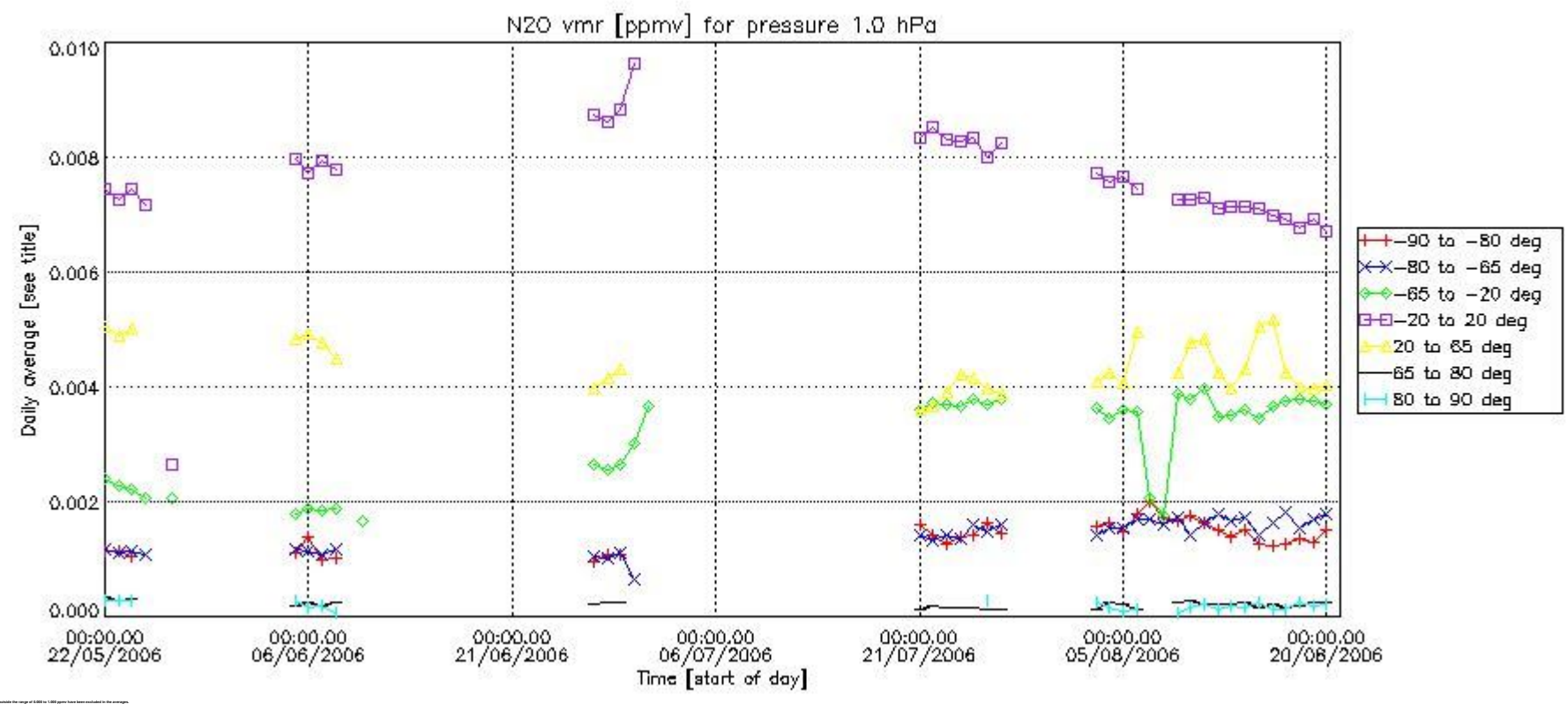
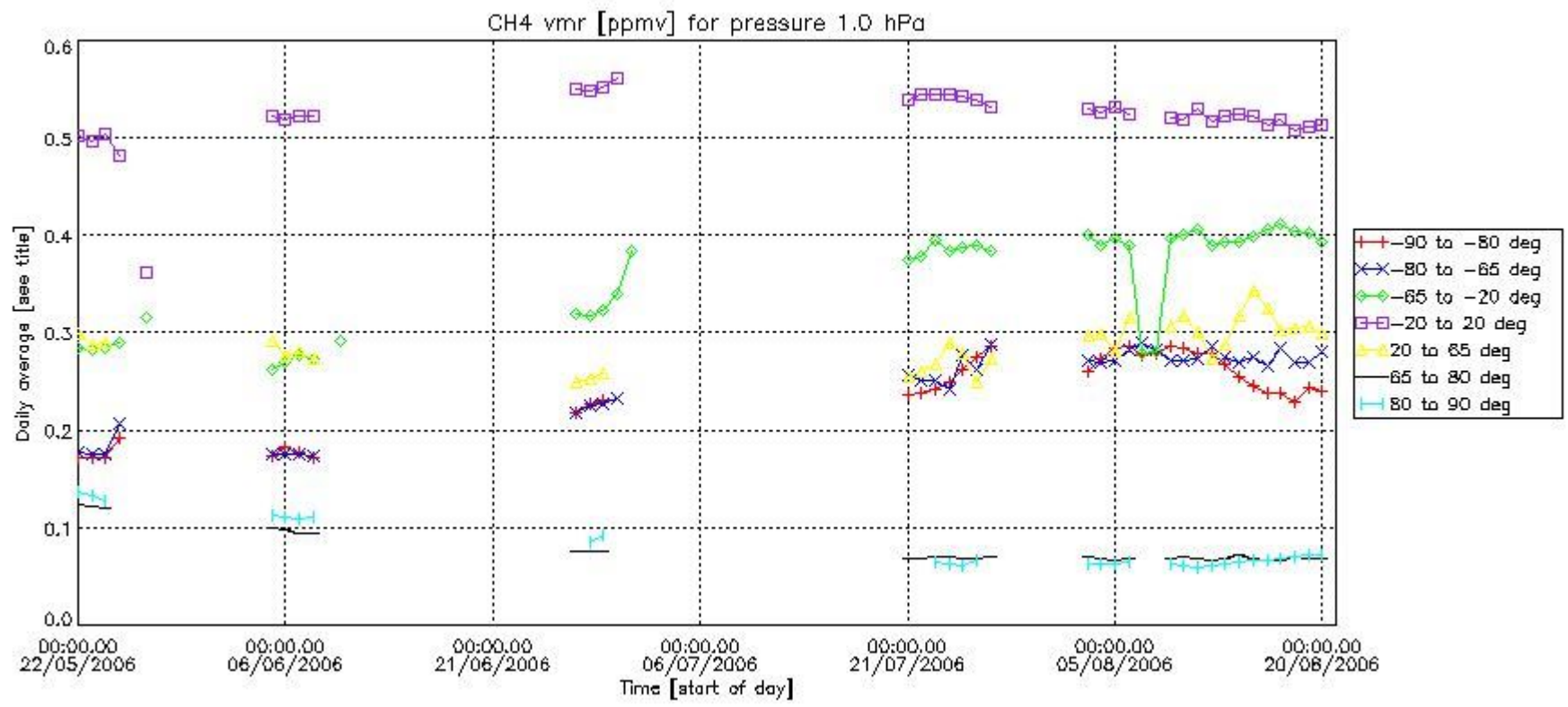


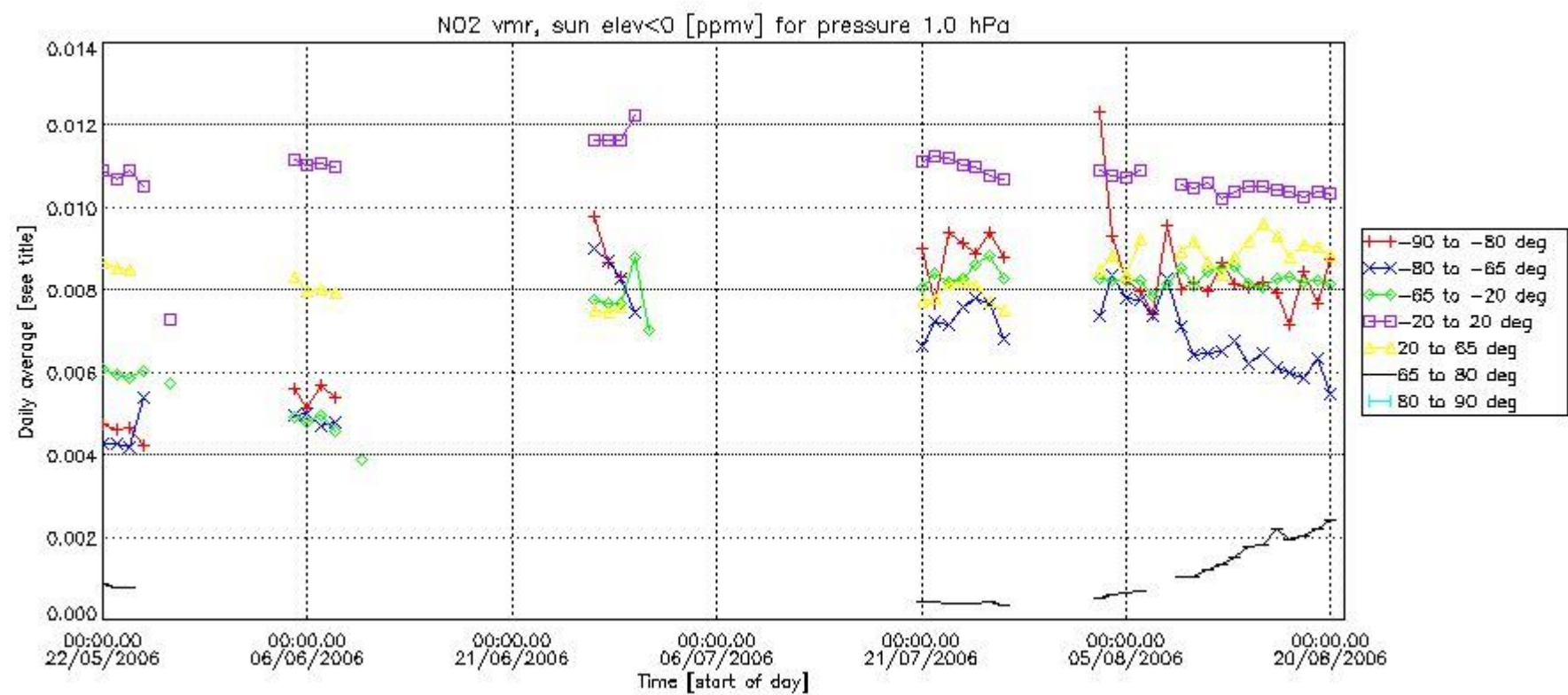
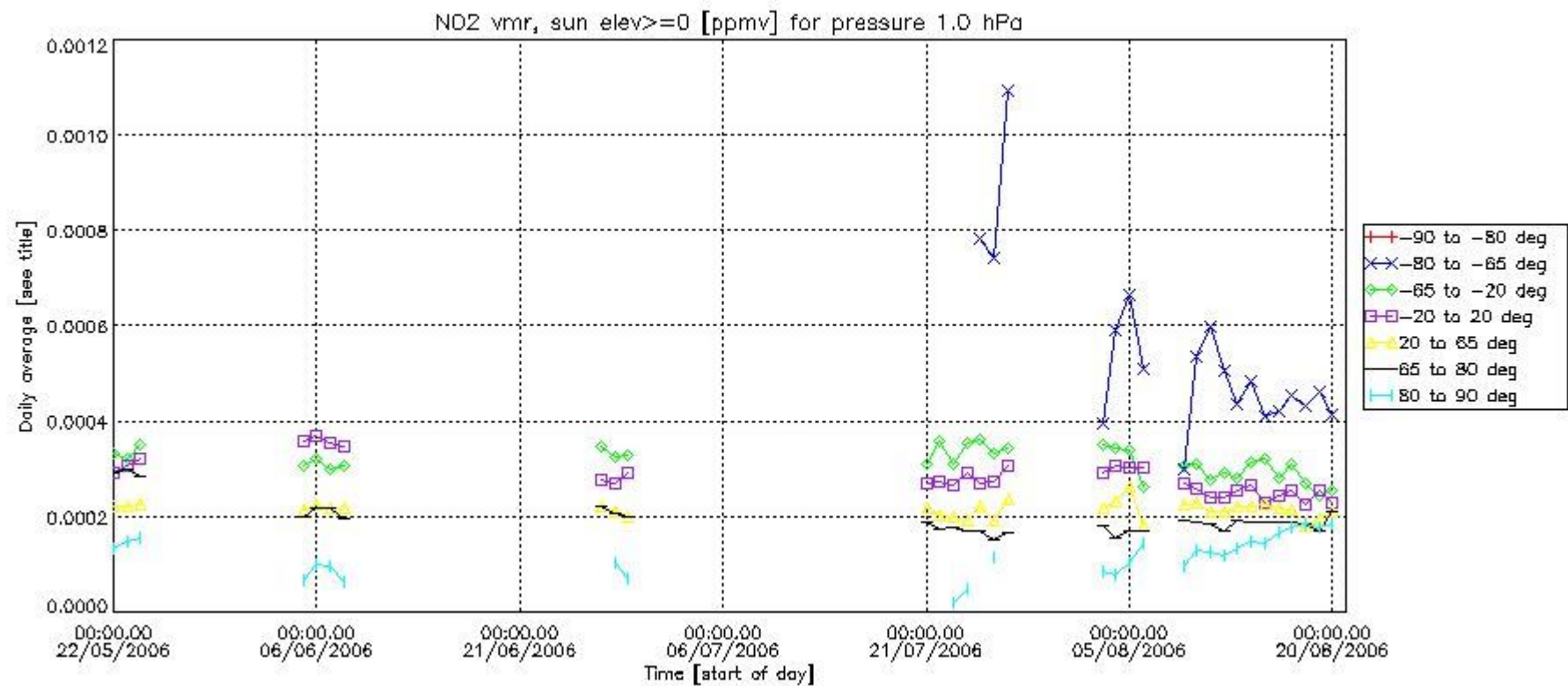




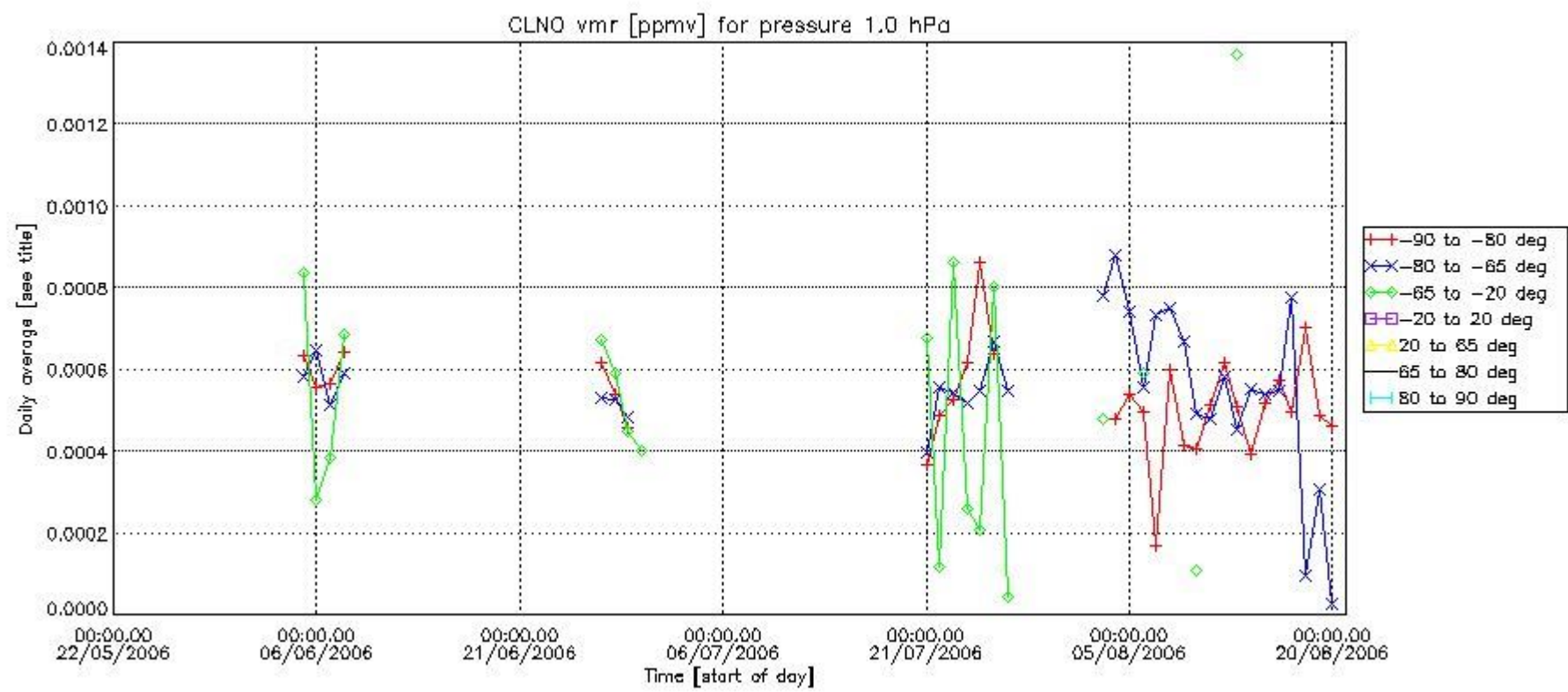
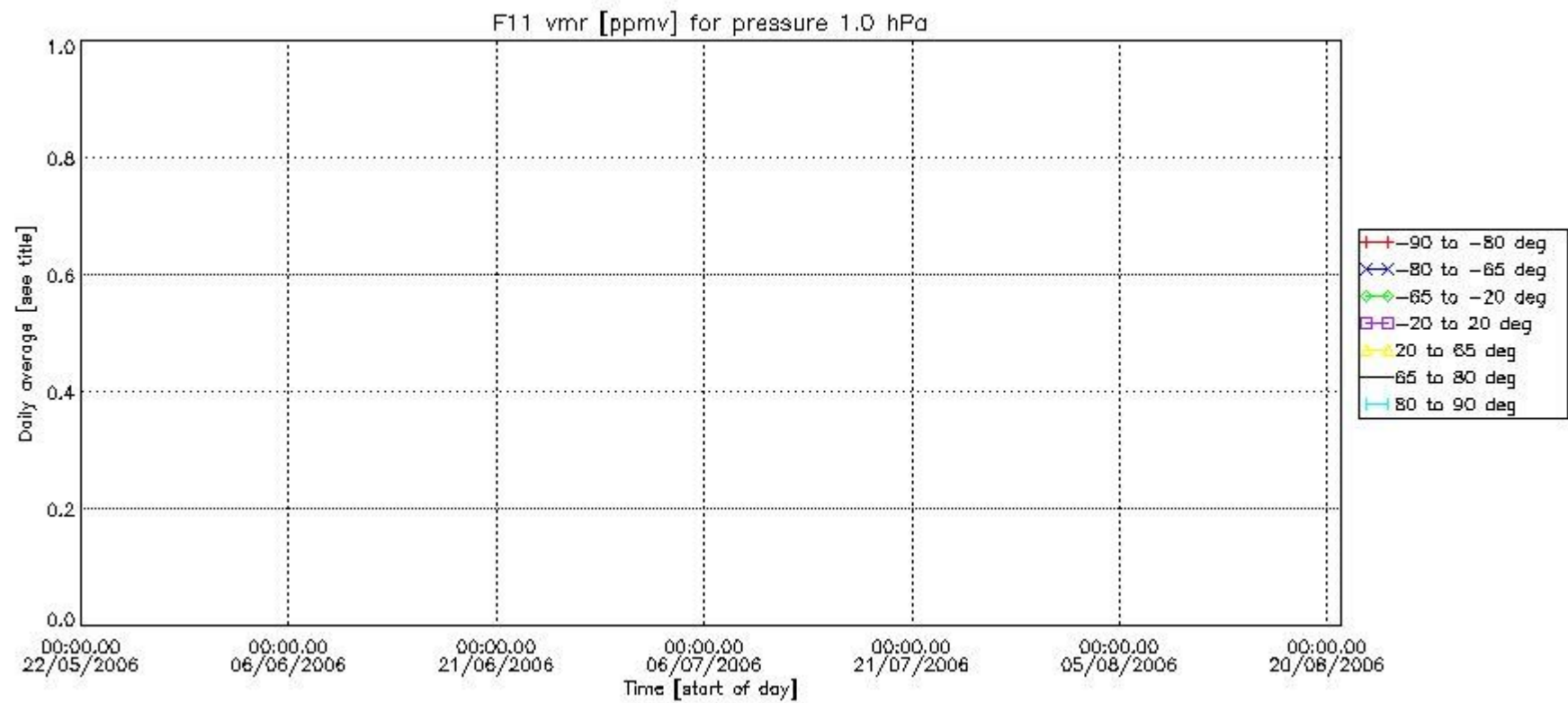


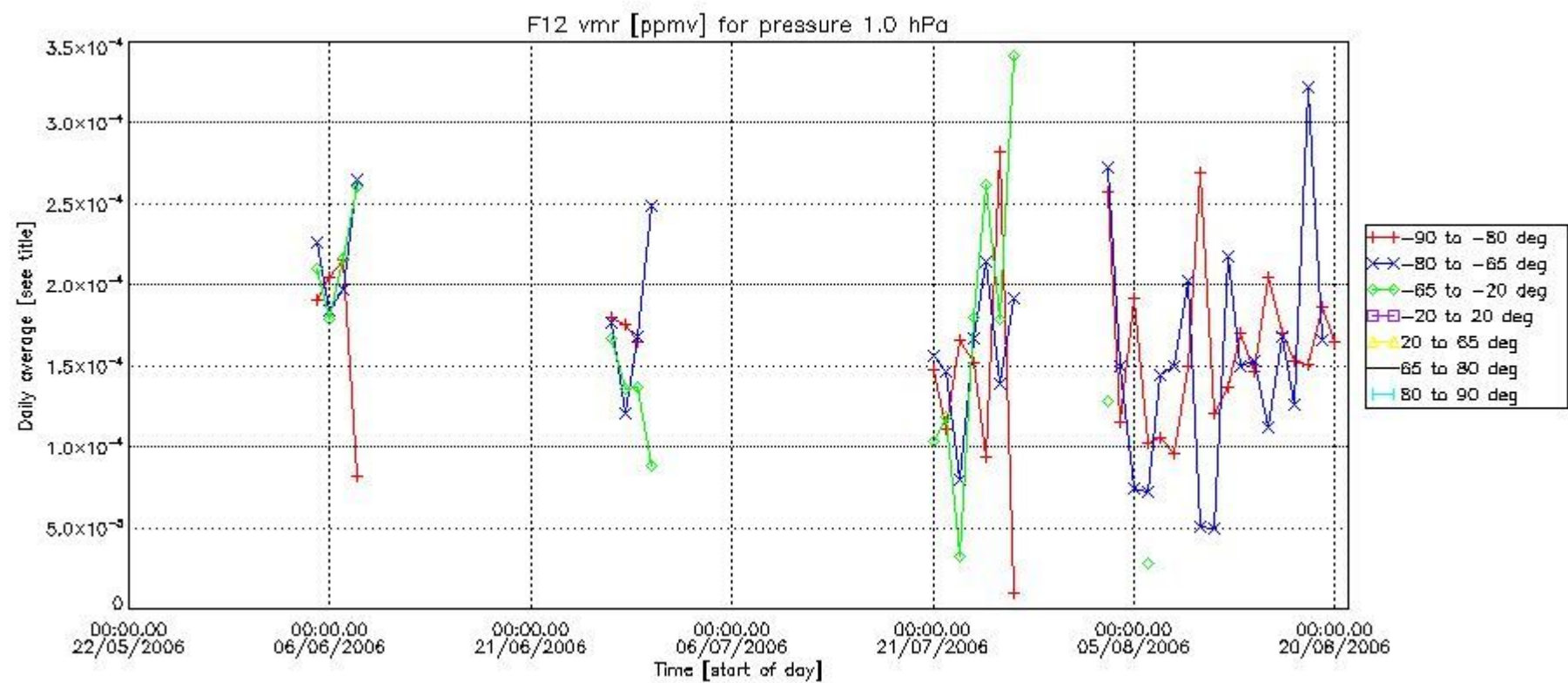
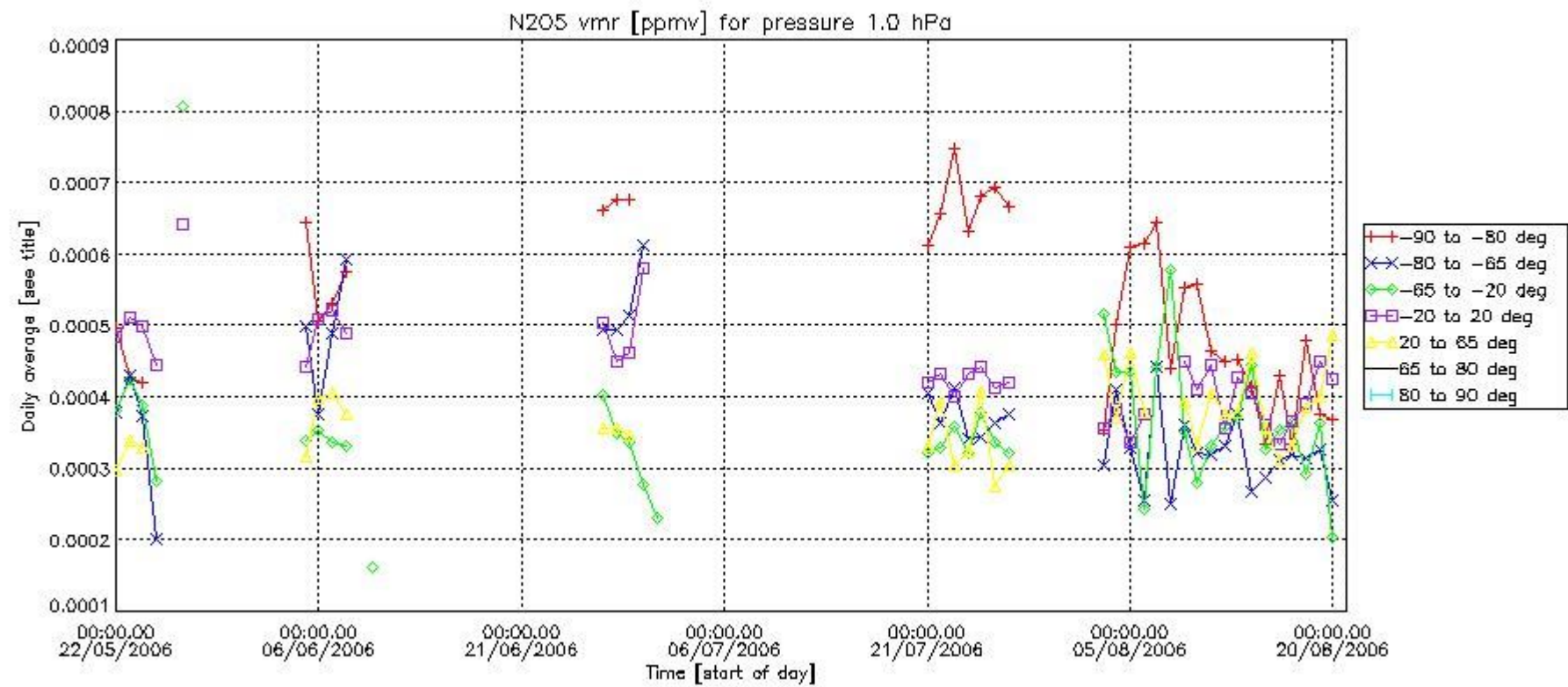


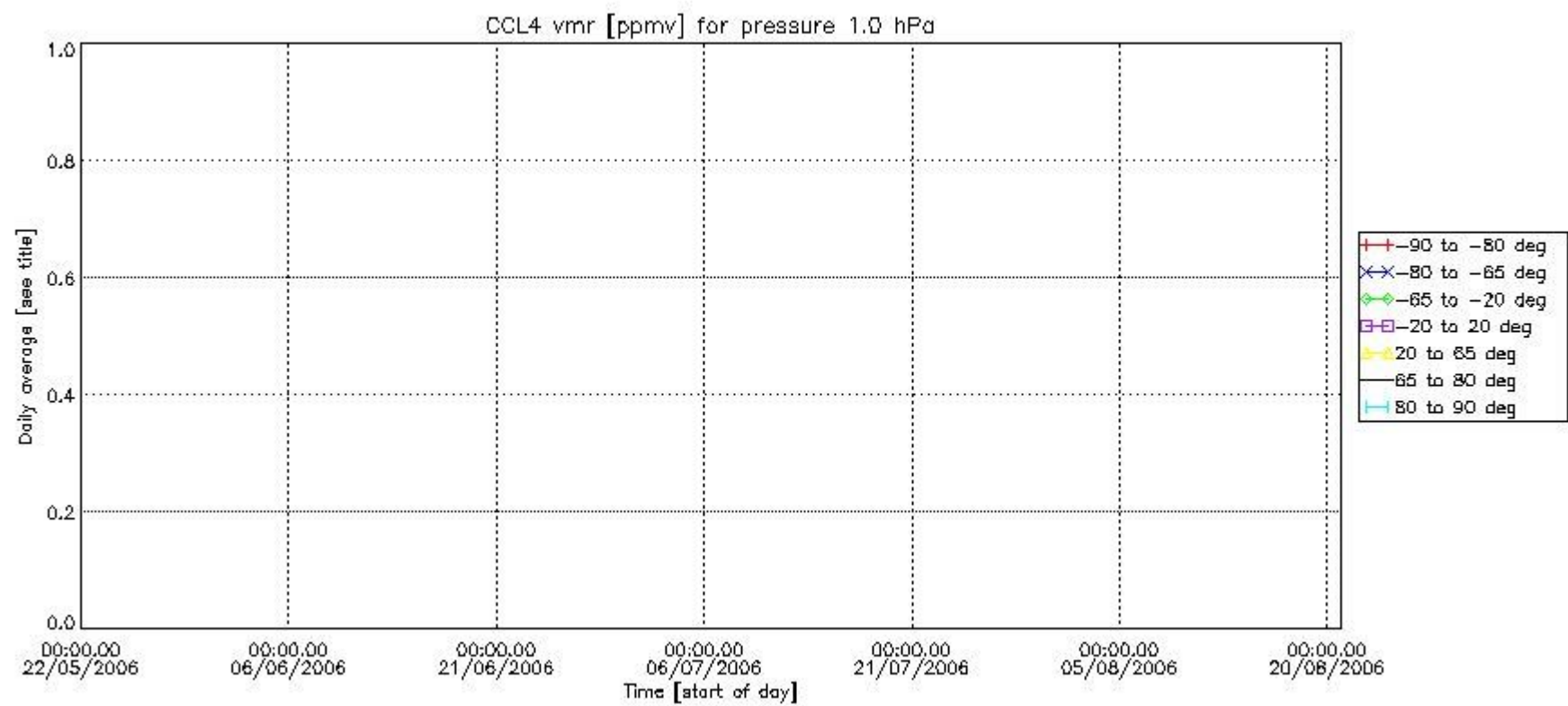
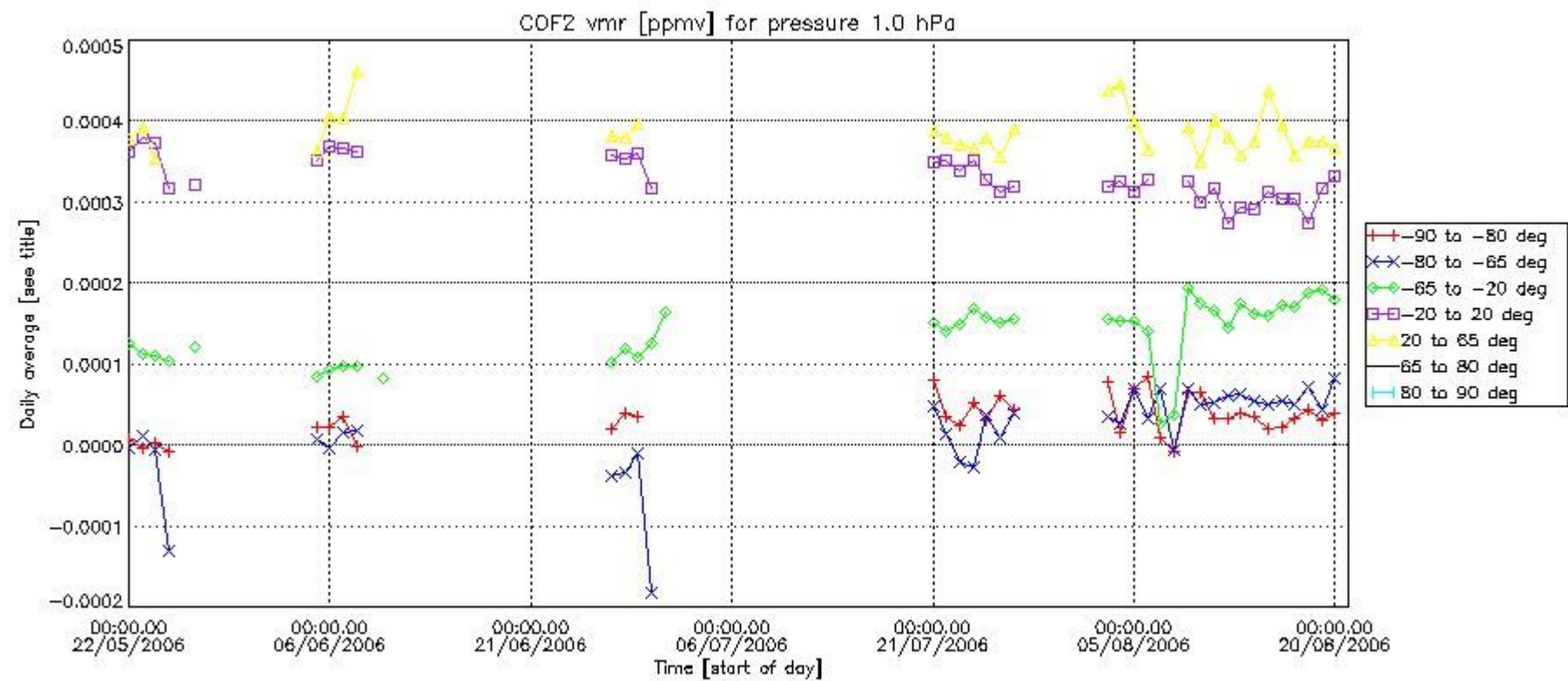


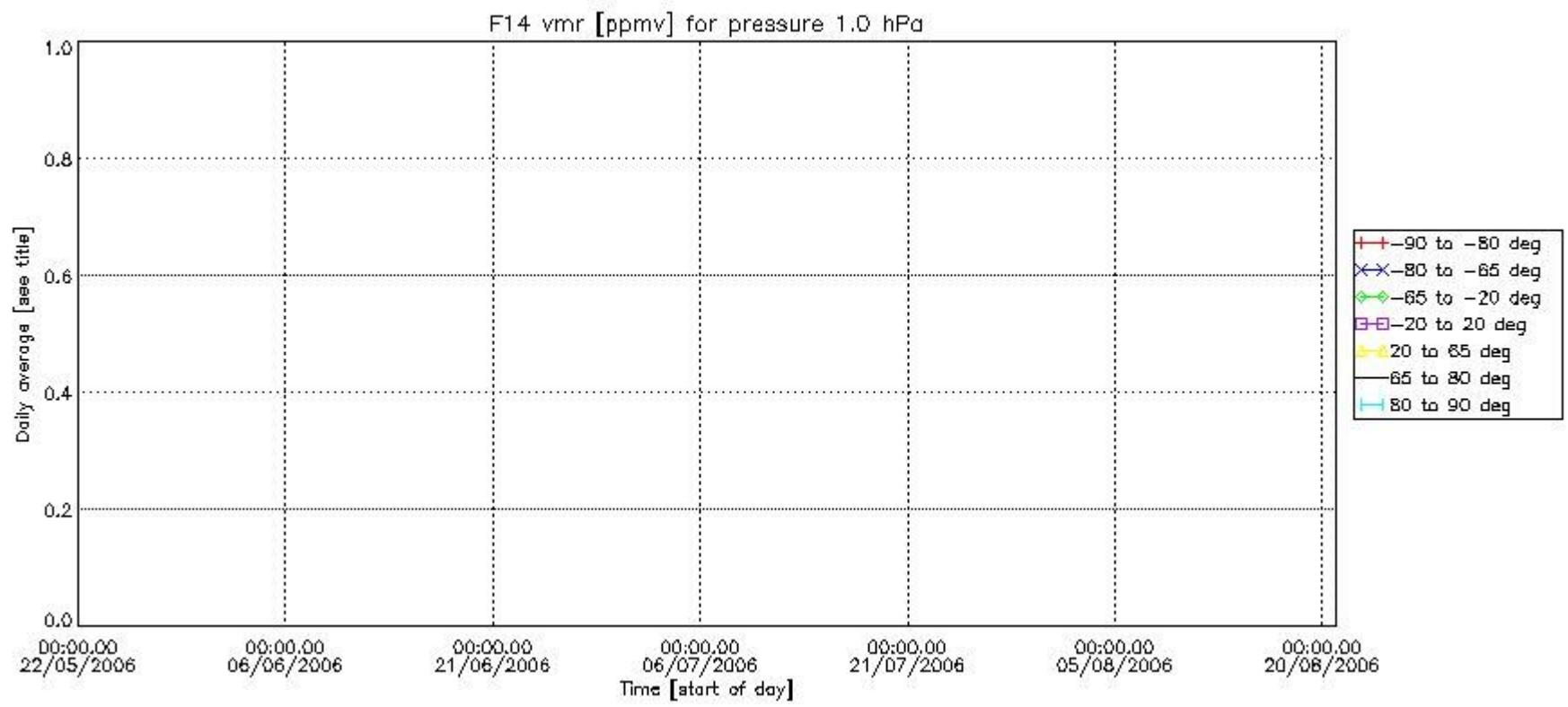
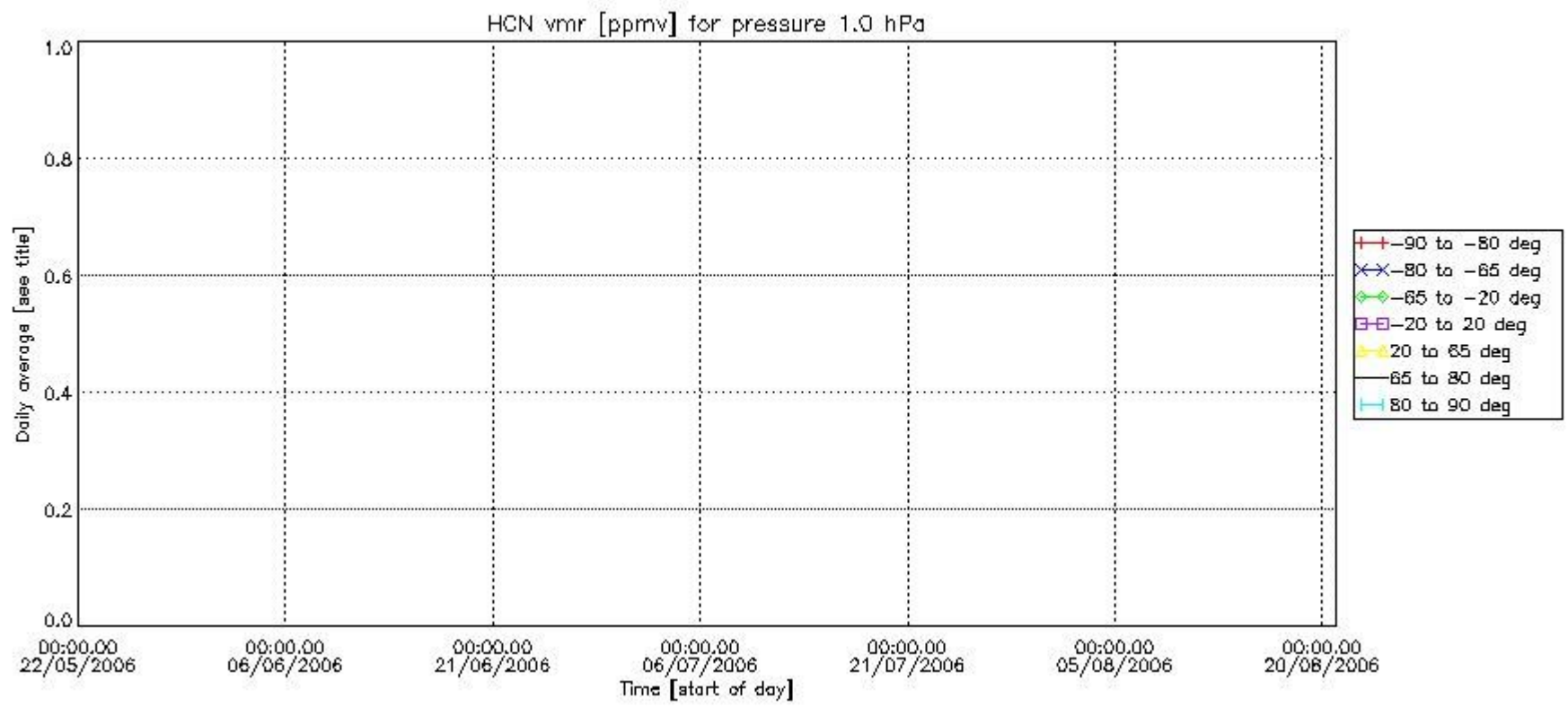


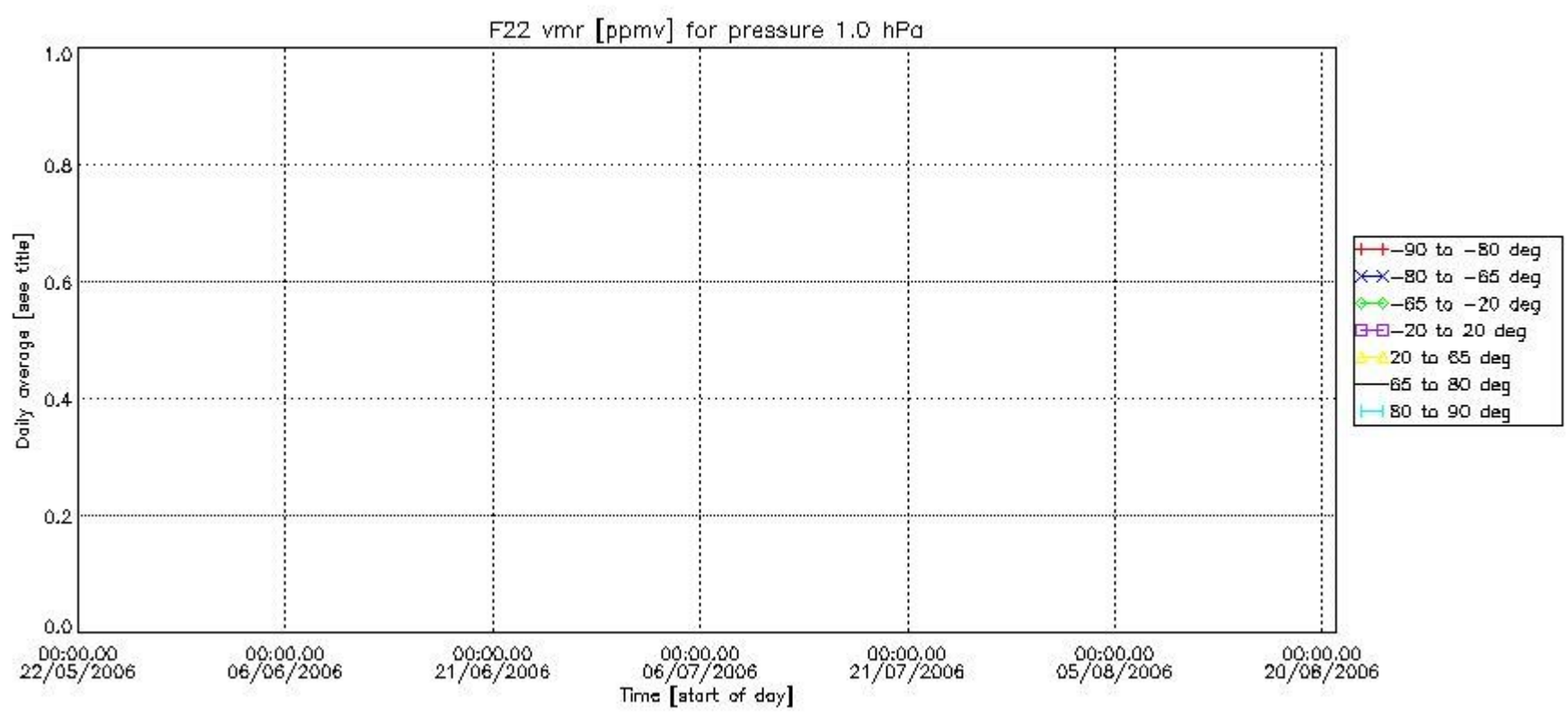












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

