

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060805.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 19:20:41
Data source version	ML2PP/7.03-W
Processing scope for products	05AUG2006 00:00:00 to 06AUG2006 00:00:00
Start time of first product within scope	04AUG2006 23:14:44
Stop time of last product within scope	06AUG2006 00:23:36
Total number of level 2 products	11
Number of level 2 products with errors	1

### 2.1.2 Summary per product

The following table shows a summary for each product used in this report.

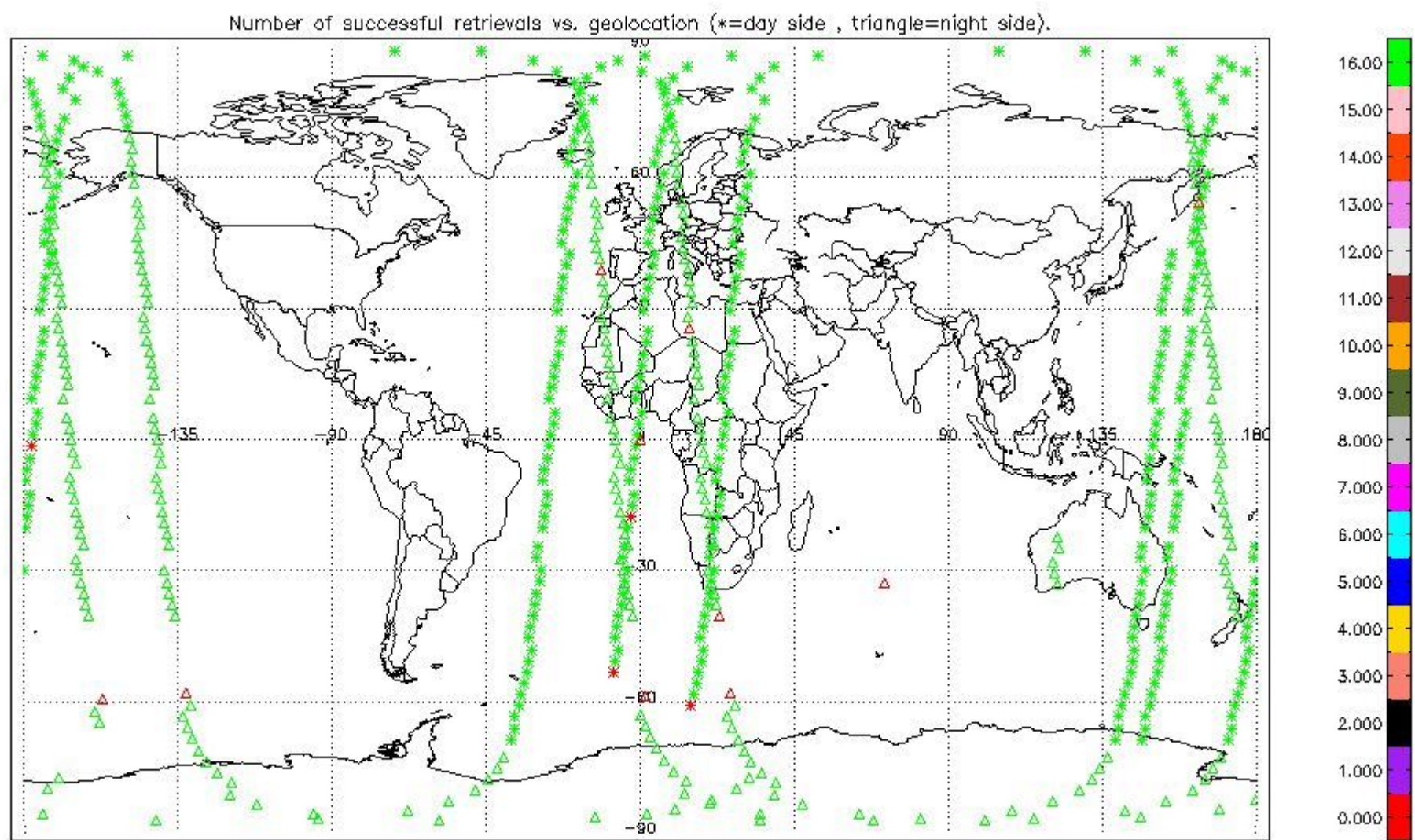
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20060804_231444_000050402050_00059_23159_1000.N1	04AUG2006 23:14:44	05AUG2006 00:38:44	0	111/111	<b>VMR_TERM_MACRO_MICRO[F14/macro:1; CLNO/micro:1; HCN/micro:1]</b>
1	MIP_NL__2PWDSI20060805_071600_000012532050_00063_23163_1000.N1	05AUG2006 07:16:00	05AUG2006 07:36:53	0	24/24	
2	MIP_NL__2PWDSI20060805_073743_000060302050_00064_23164_1000.N1	05AUG2006 07:37:43	05AUG2006 09:18:13	0	109/109	
3	MIP_NL__2PWDSI20060805_091819_000060302050_00065_23165_1000.N1	05AUG2006 09:18:19	05AUG2006 10:58:49	0	102/102	
4	MIP_NL__2PWDSI20060805_105855_000050402050_00066_23166_1000.N1	05AUG2006 10:58:55	05AUG2006 12:22:55	0	111/111	<b>VMR_TERM_MACRO_MICRO[CLNO/micro:1; HCN/micro:1]</b>
5	MIP_NL__2PWDSI20060805_141744_00001252050_00067_23167_1000.N1	05AUG2006 14:17:44	05AUG2006 14:19:49	0	3/3	
6	MIP_NL__2PWDSI20060805_141956_000000812050_00068_23168_1000.N1	05AUG2006 14:19:56	05AUG2006 14:21:17	0	2/2	
7	MIP_NL__2PWDSI20060805_173903_00000082050_00069_23169_1000.N1	05AUG2006 17:39:03	05AUG2006 17:39:12	1	1/1	
8	MIP_NL__2PWDSI20060805_204047_000012532050_00071_23171_1000.N1	05AUG2006 20:40:47	05AUG2006 21:01:41	0	24/24	
9	MIP_NL__2PWDSI20060805_210231_000060302050_00072_23172_1000.N1	05AUG2006 21:02:31	05AUG2006 22:43:00	0	128/128	<b>VMR_TERM_MACRO_MICRO[HCN/macro:1]</b>
10	MIP_NL__2PWDSI20060805_224307_000060302050_00073_23173_1000.N1	05AUG2006 22:43:07	06AUG2006 00:23:36	0	128/128	<b>VMR_TERM_MACRO_MICRO[CLNO/micro:1]</b>

## 2.2 Processing performance indicators

### 2.2.1 Successful retrievals

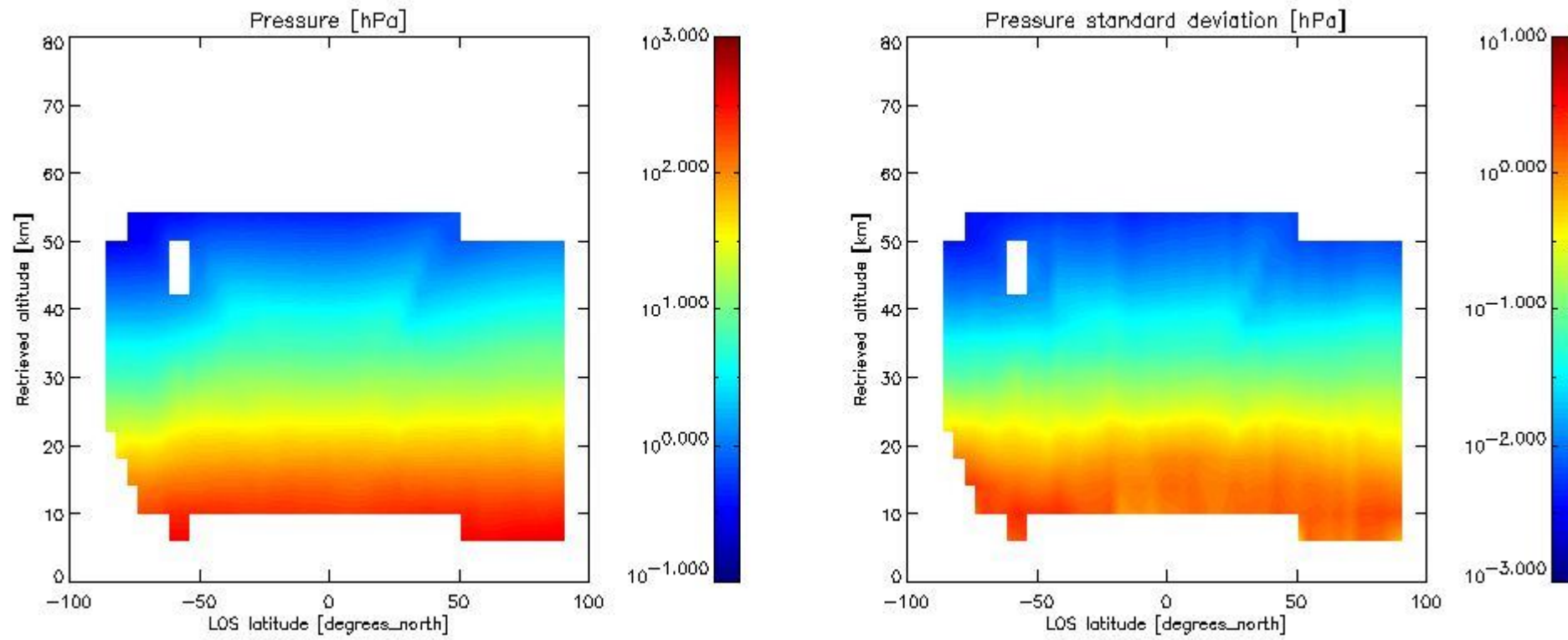
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	743	640	86.137
H2O	743	640	86.137
O3	743	640	86.137
HNO3	743	640	86.137
CH4	743	640	86.137
N2O	743	640	86.137
NO2	743	640	86.137
F11	743	640	86.137
CLNO	743	640	86.137
N2O5	743	640	86.137
F12	743	640	86.137
COF2	743	640	86.137
CCL4	743	640	86.137
HCN	743	640	86.137
F14	743	640	86.137
F22	743	640	86.137



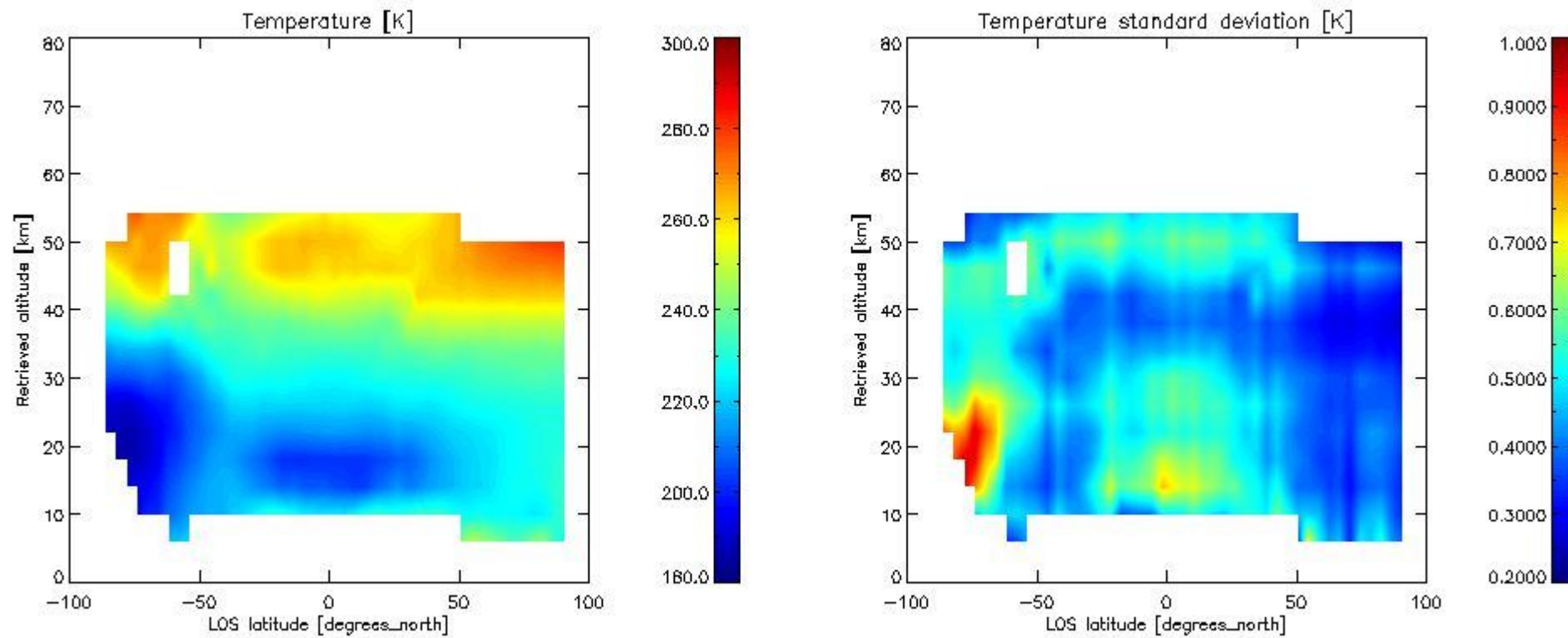
## 2.2.2 Pressure overview

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



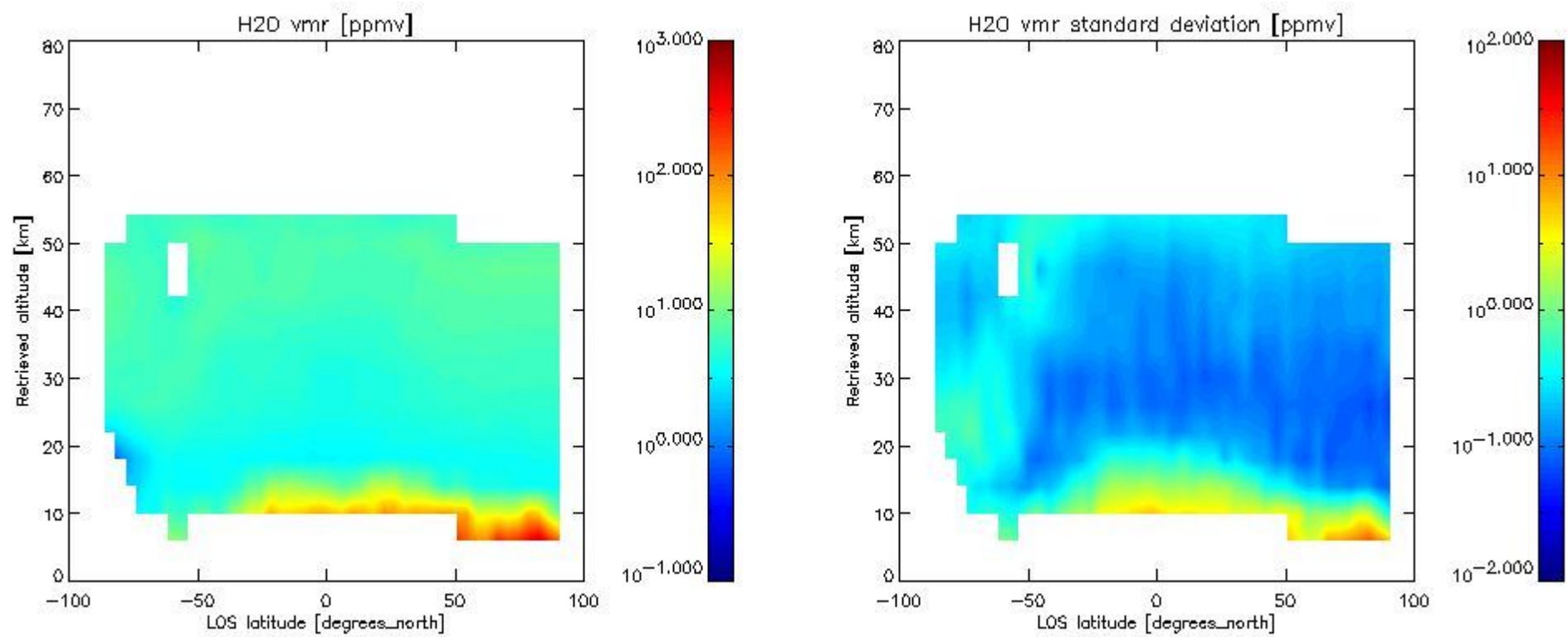
### 2.2.3 Temperature overview

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

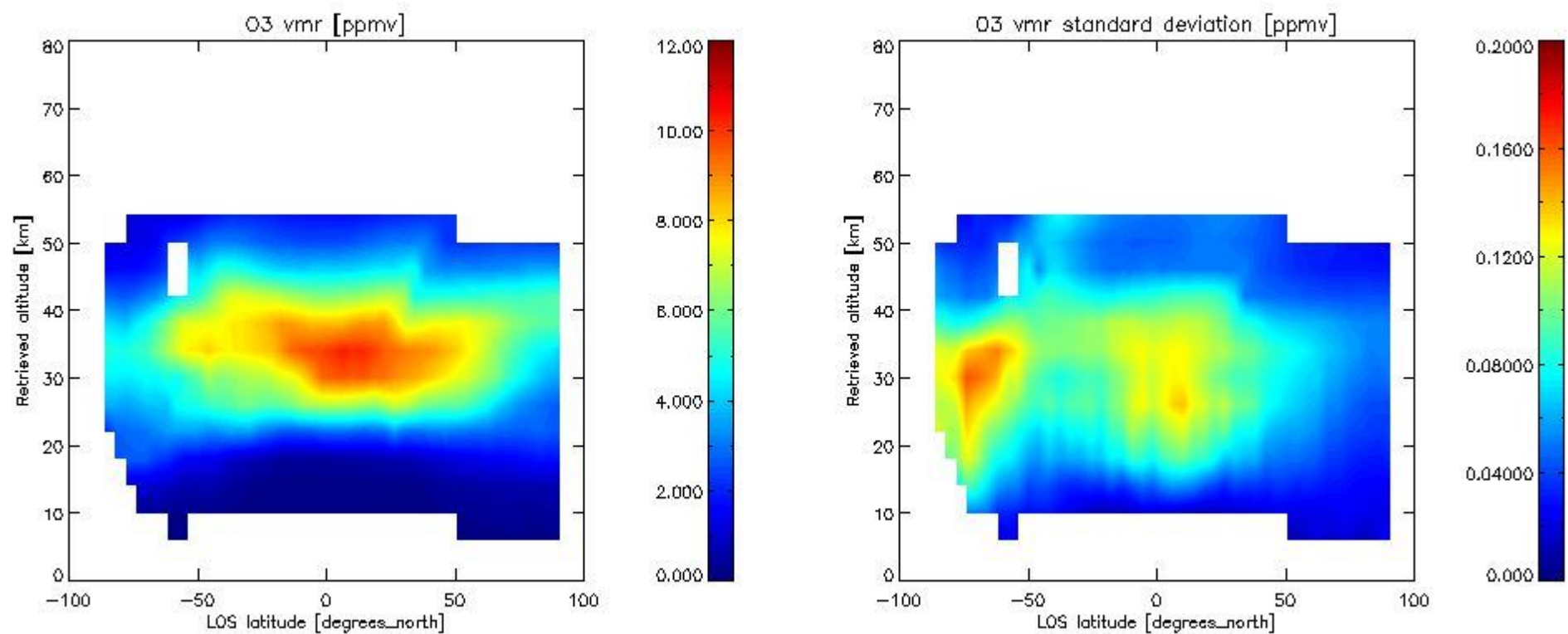


### 2.2.4 Species overview

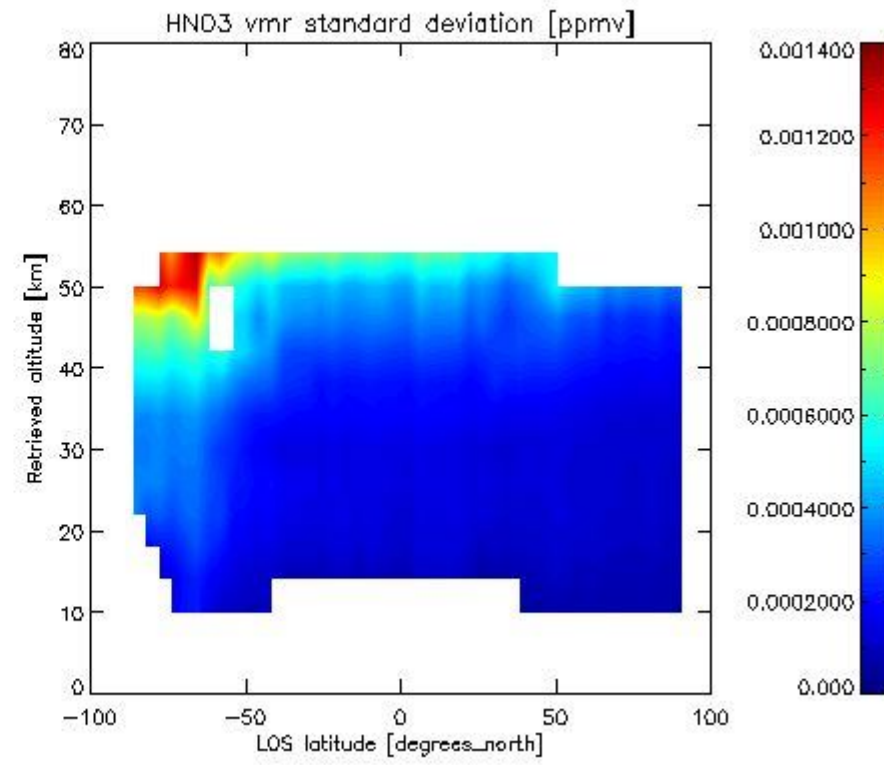
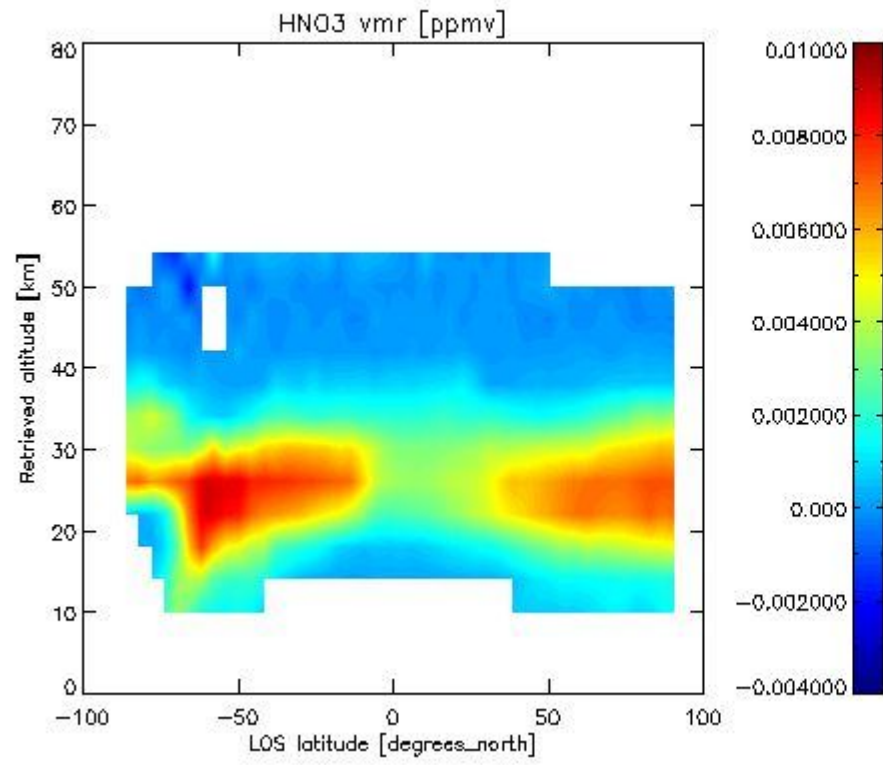
**2.2.4.1 H2O overview** This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



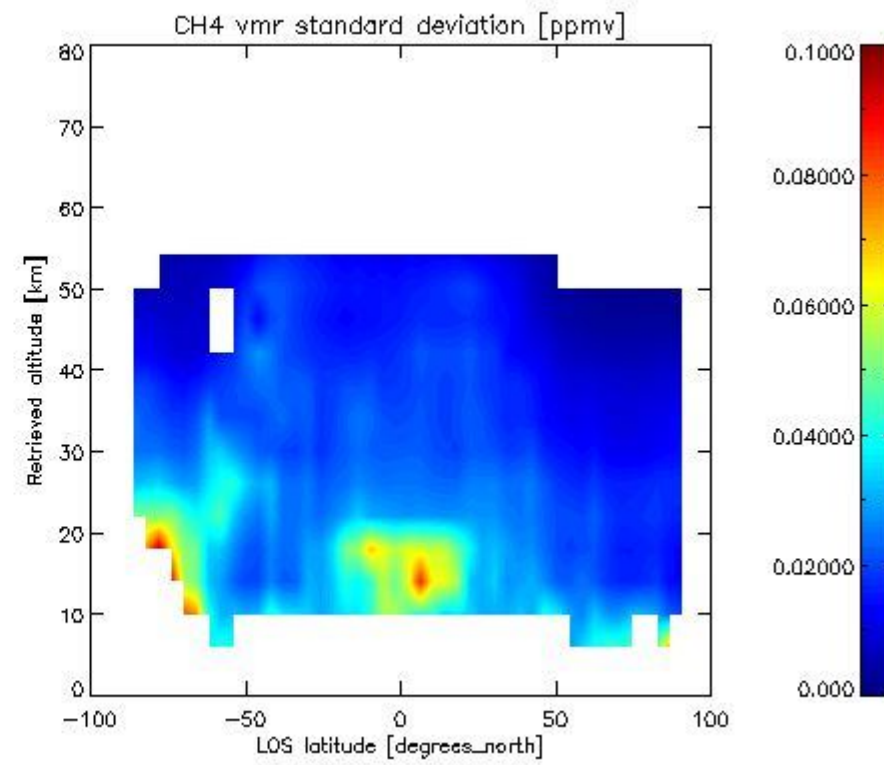
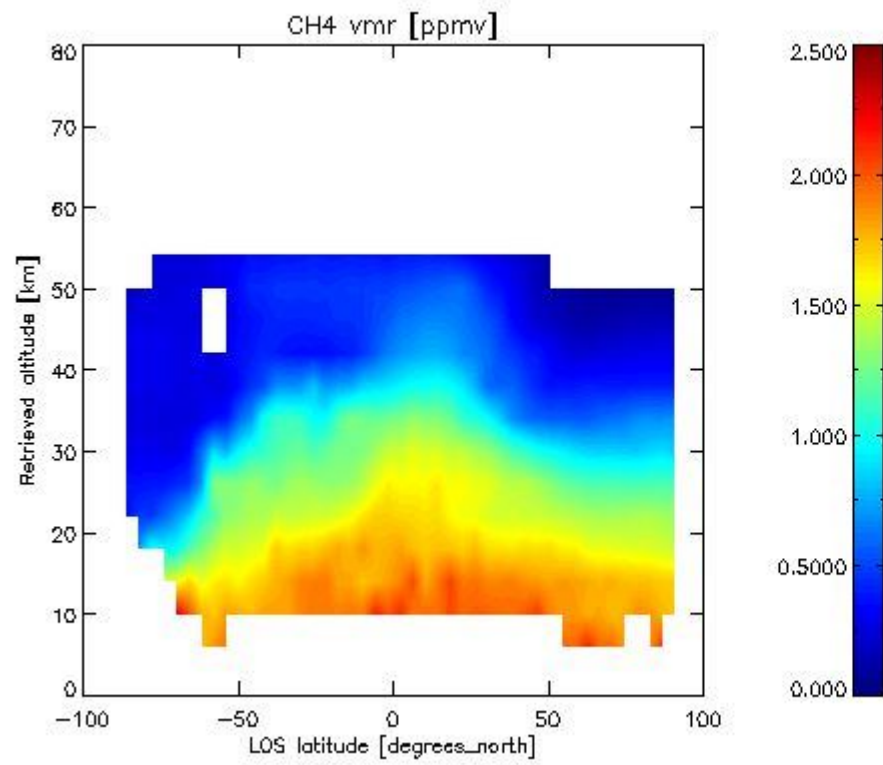
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



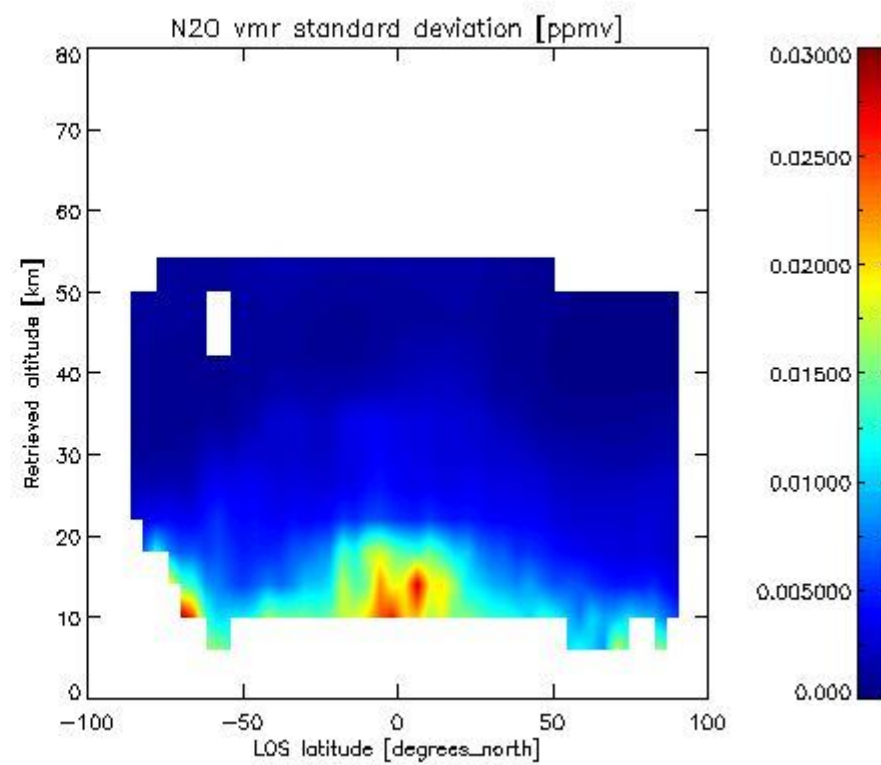
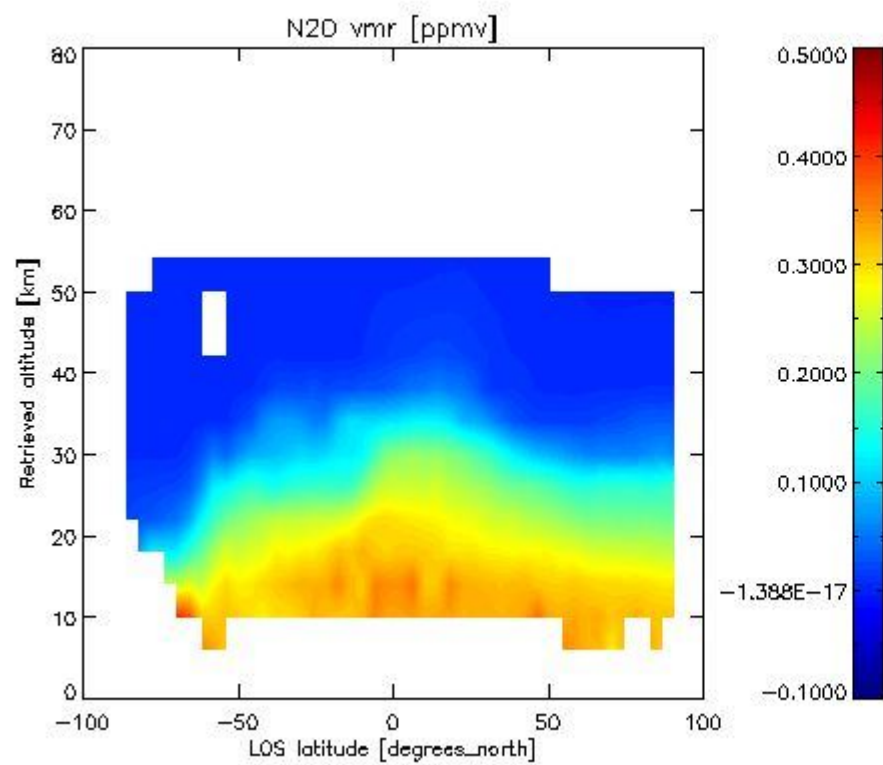
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



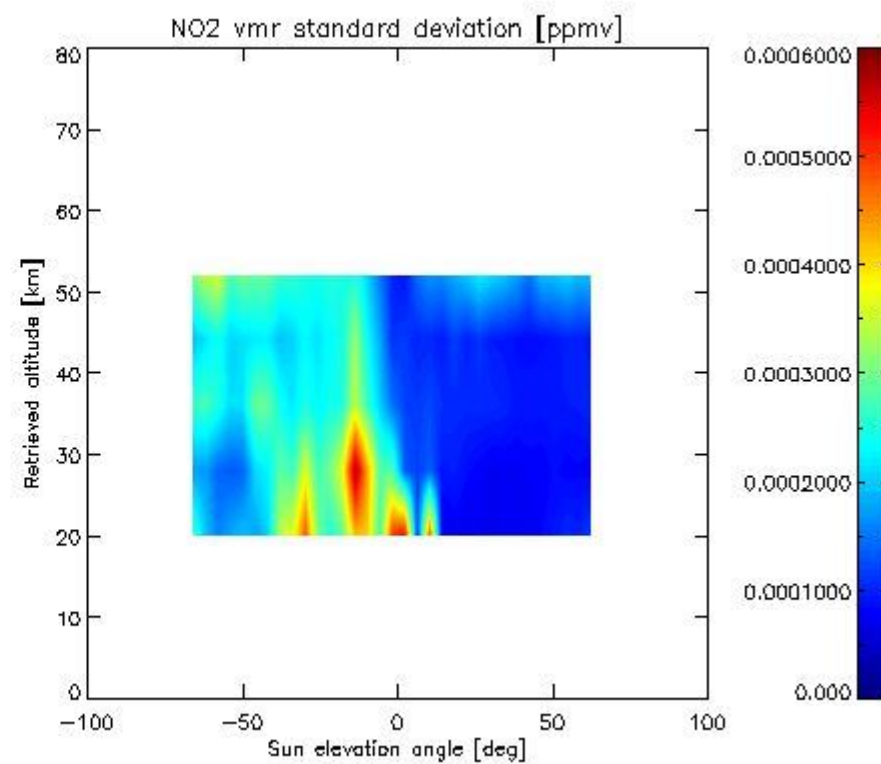
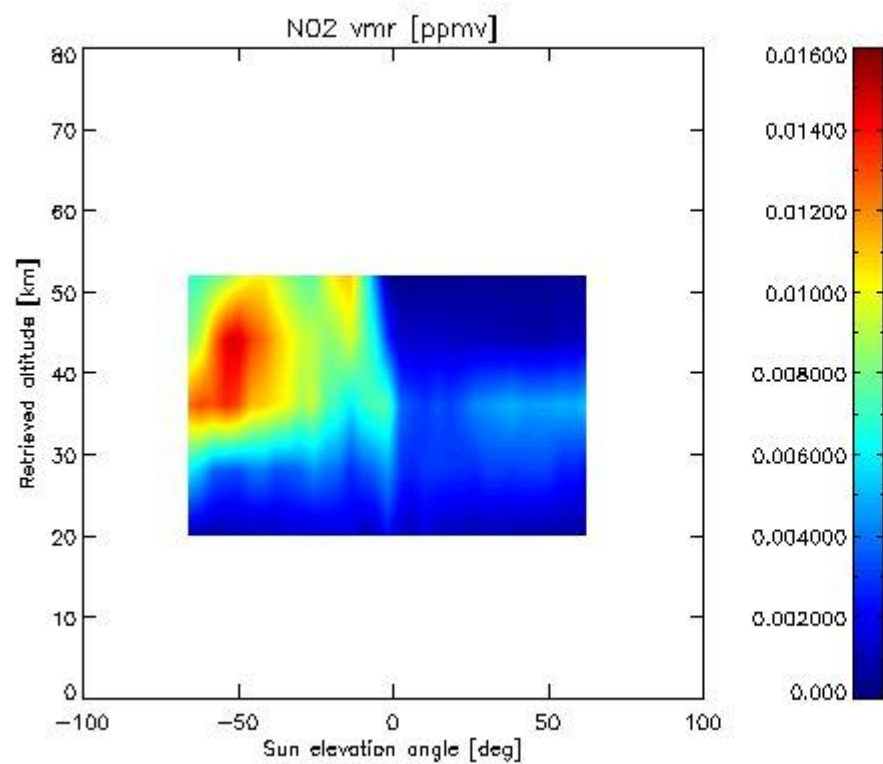
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



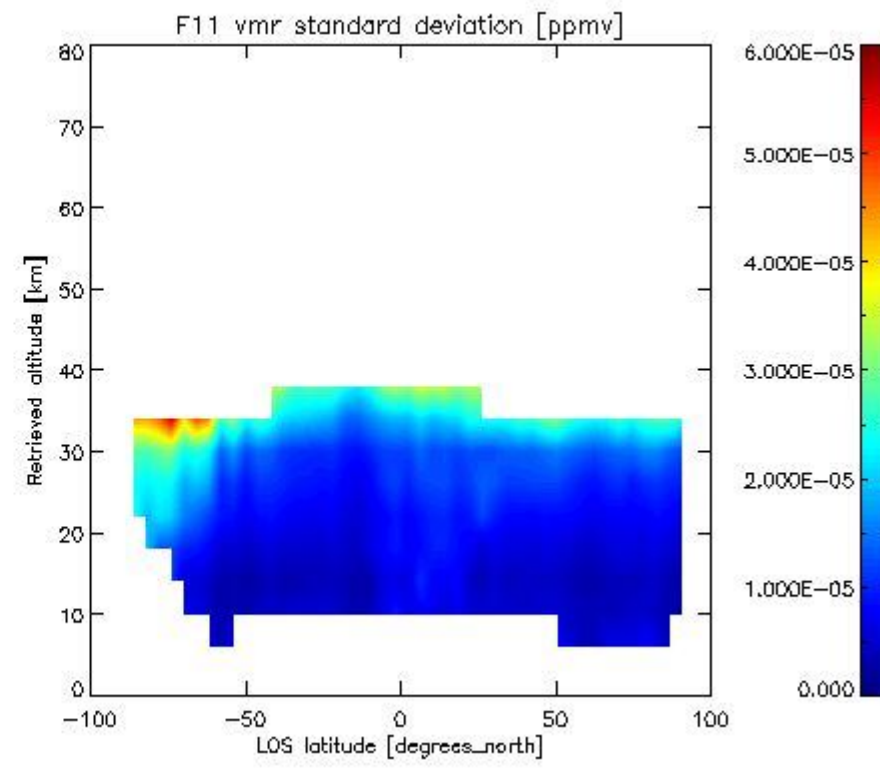
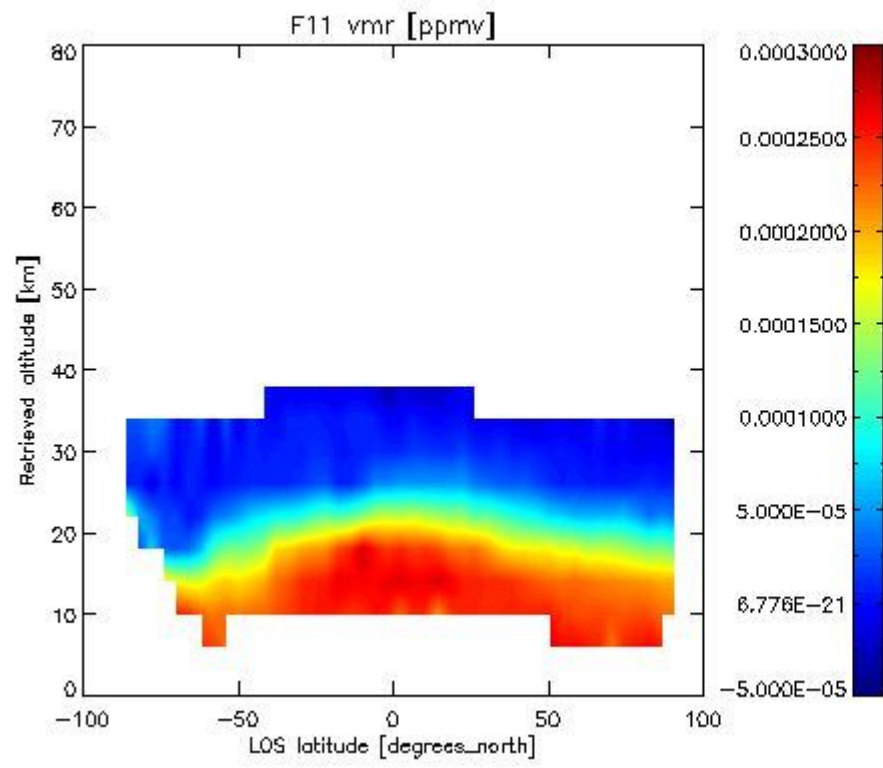
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



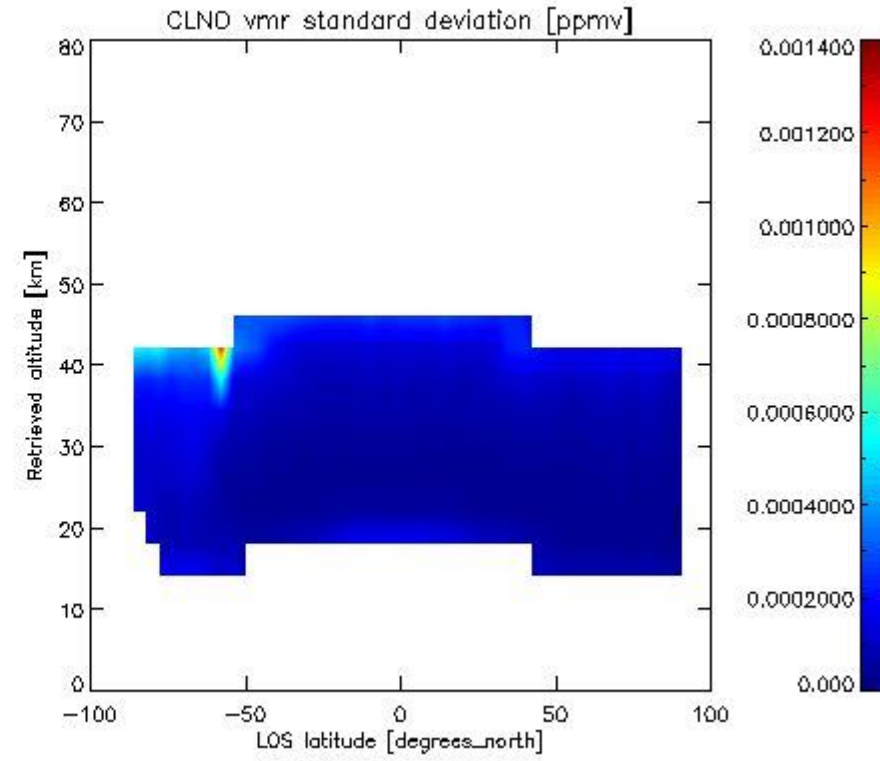
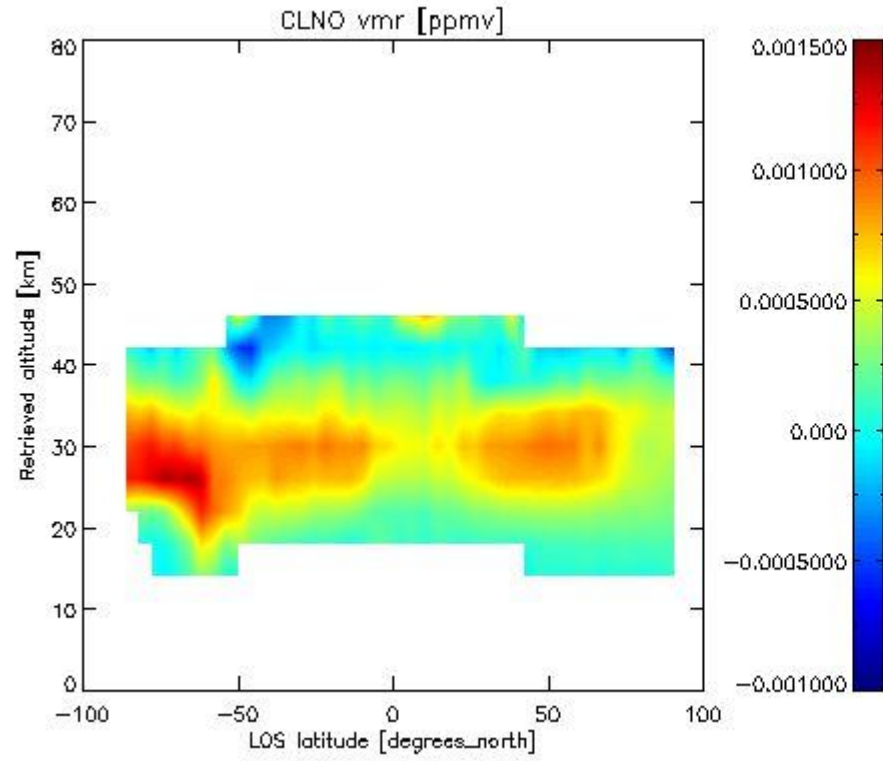
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.

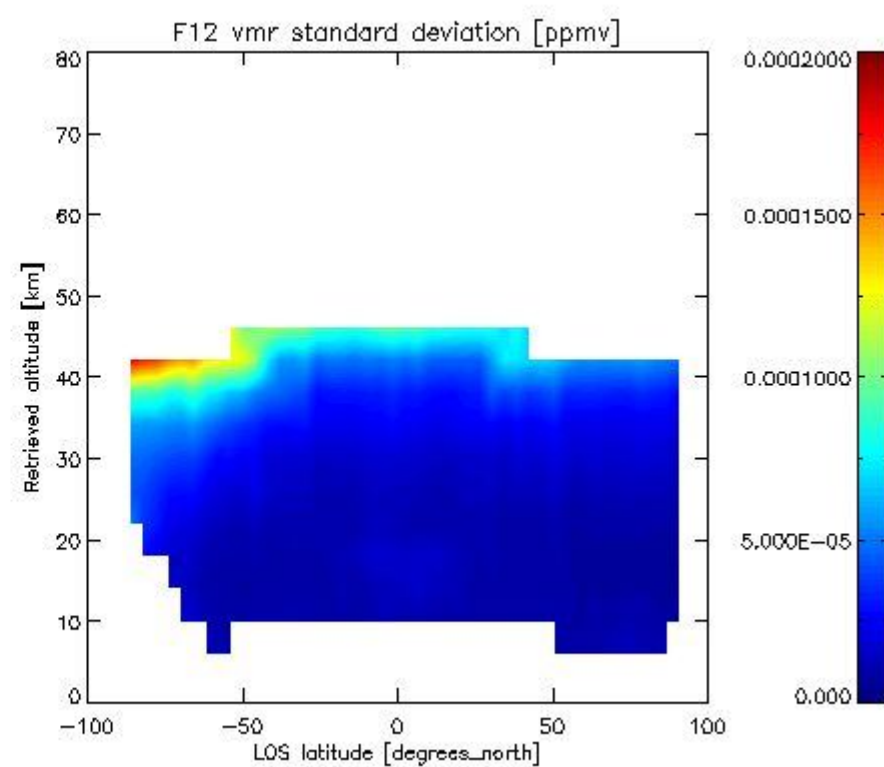
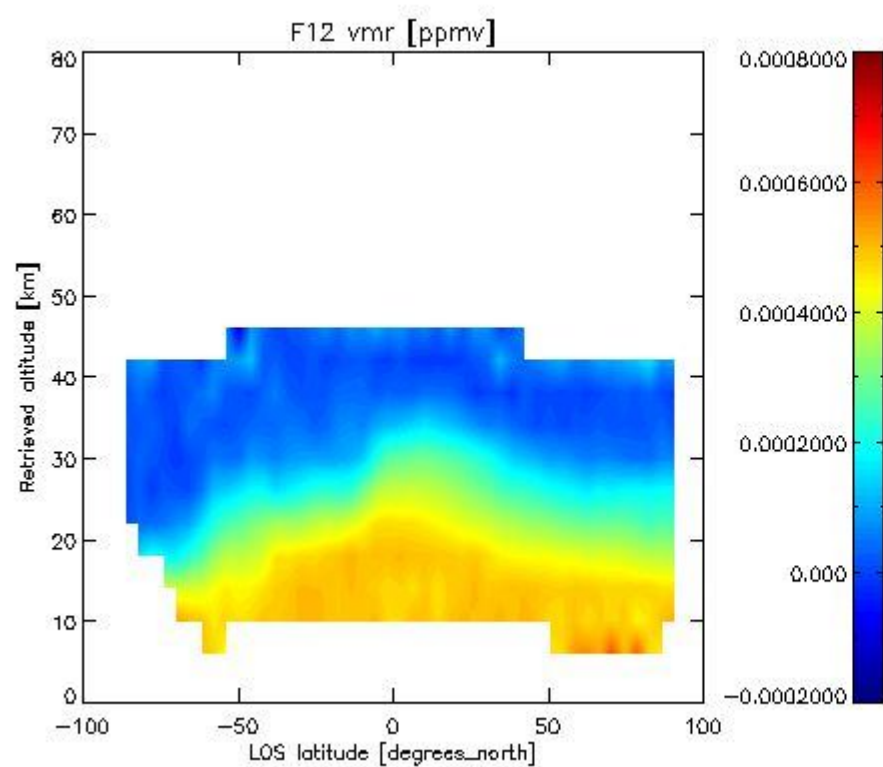
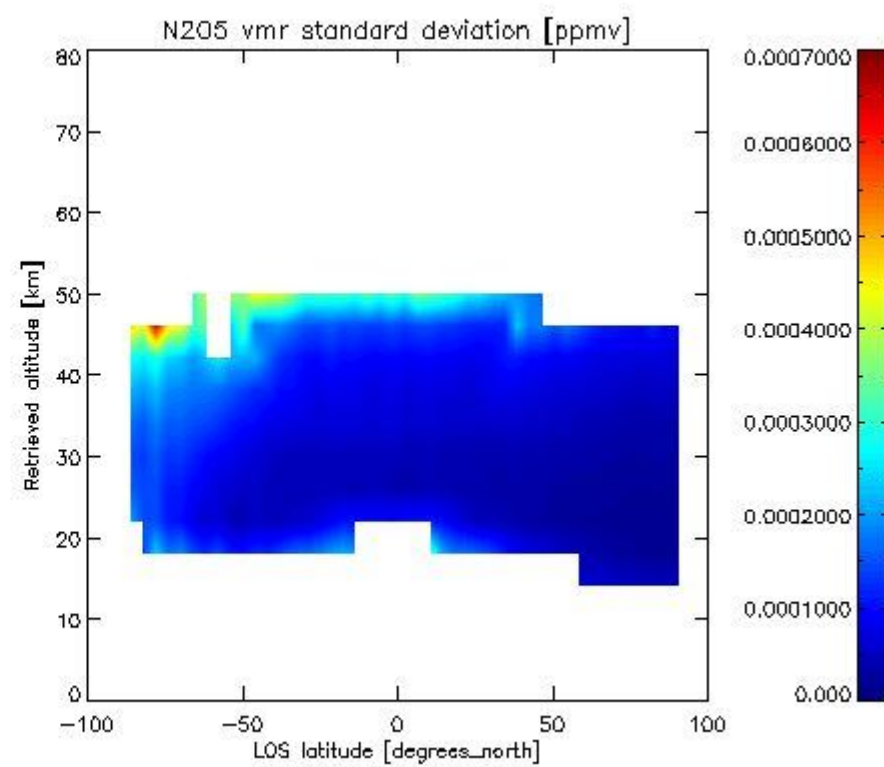
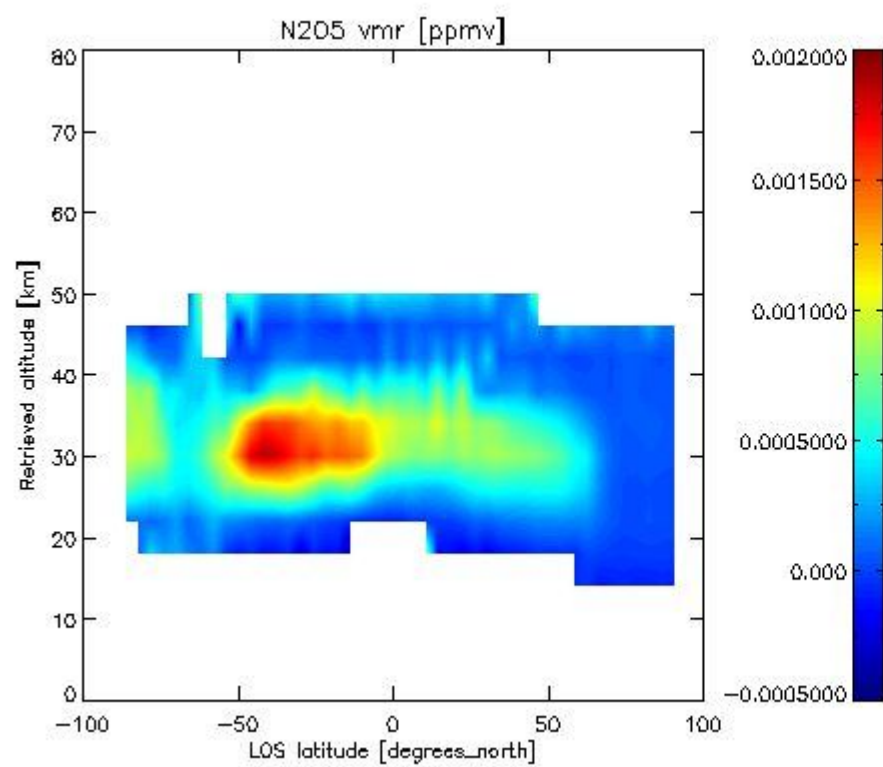


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

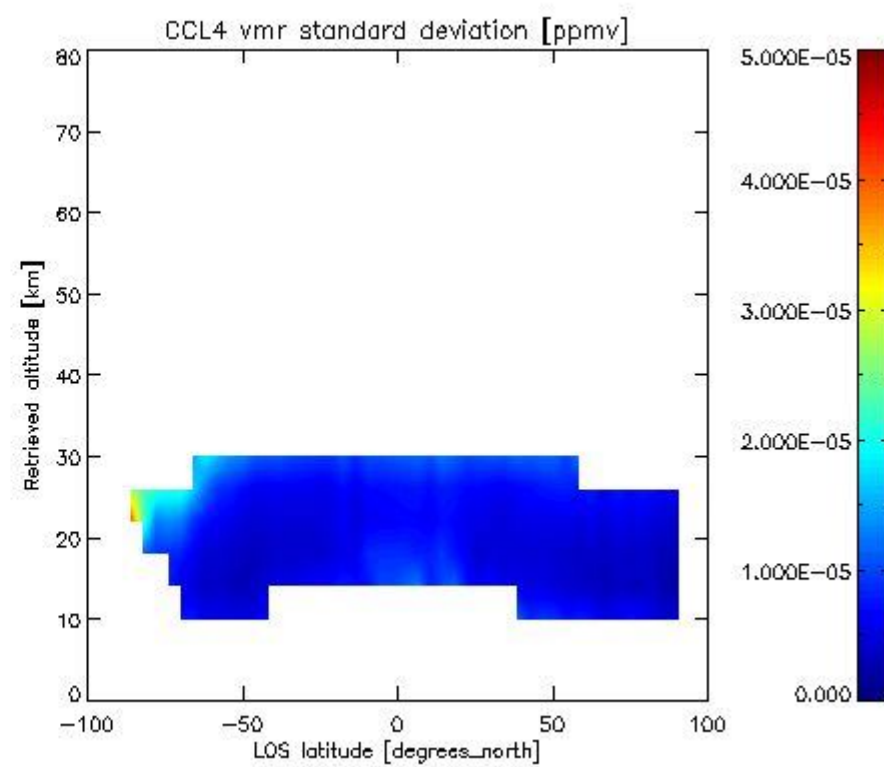
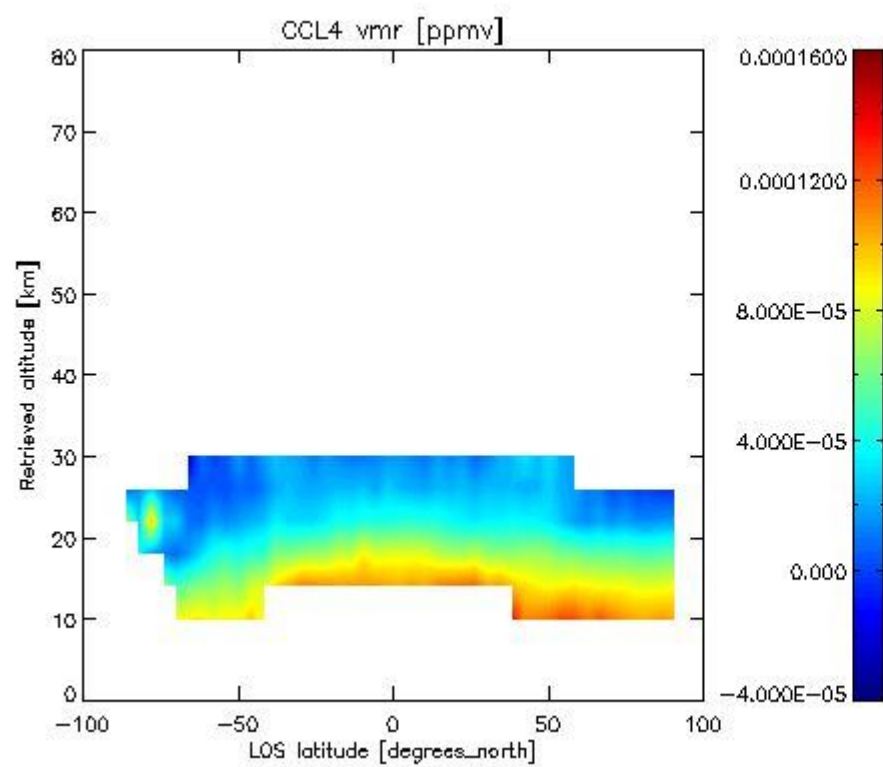
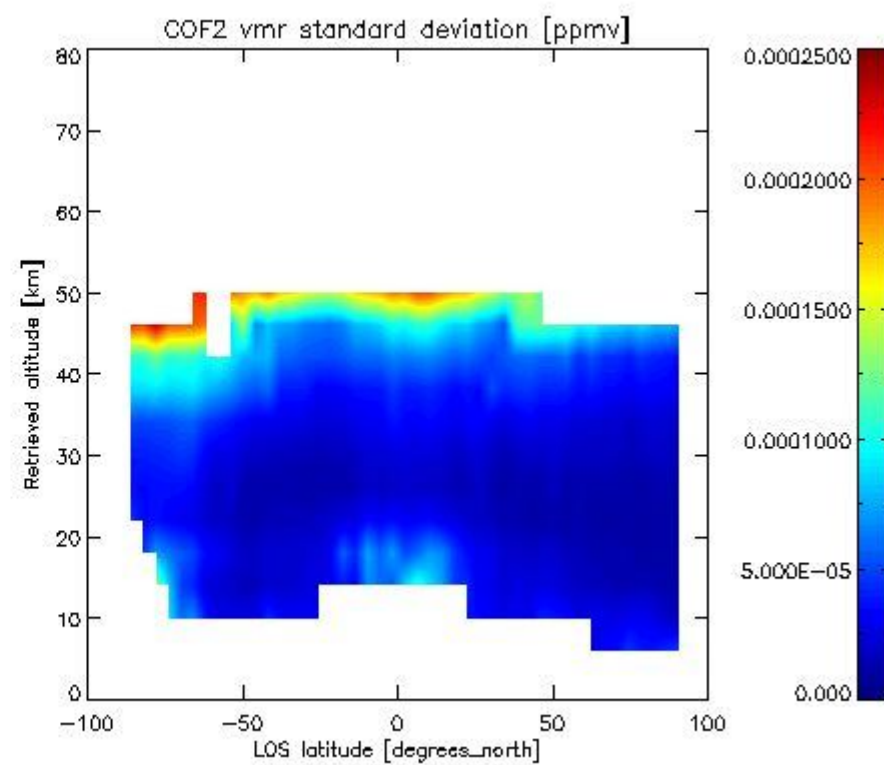
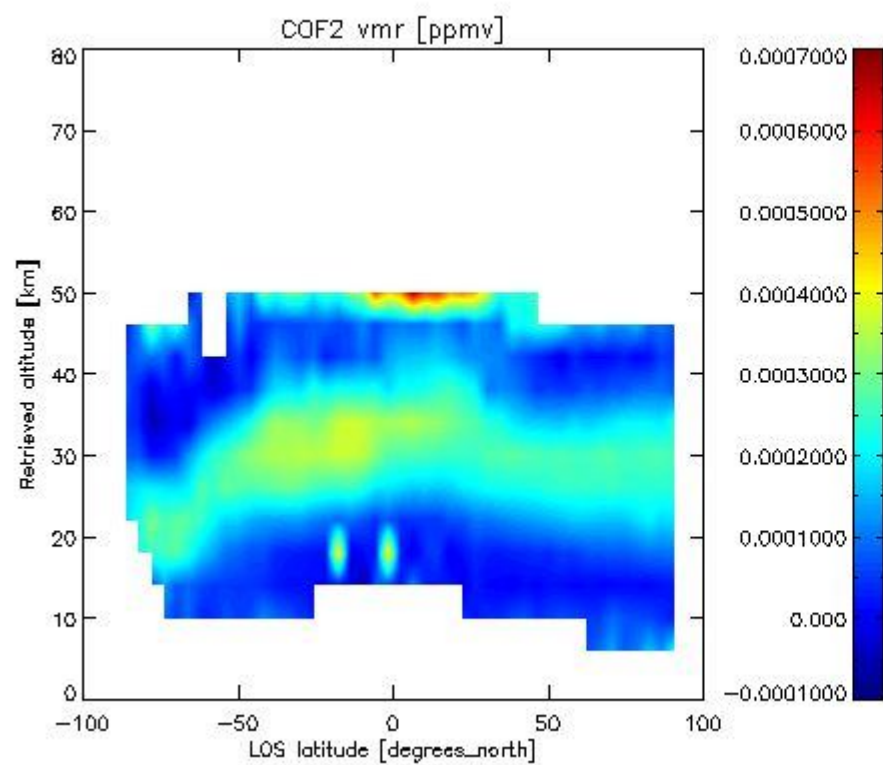


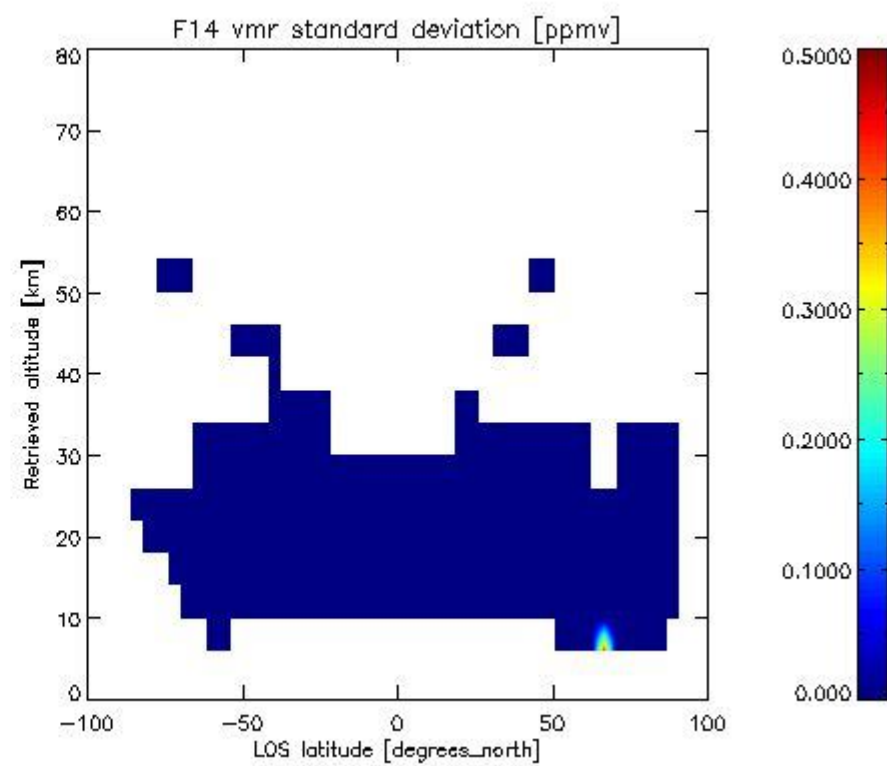
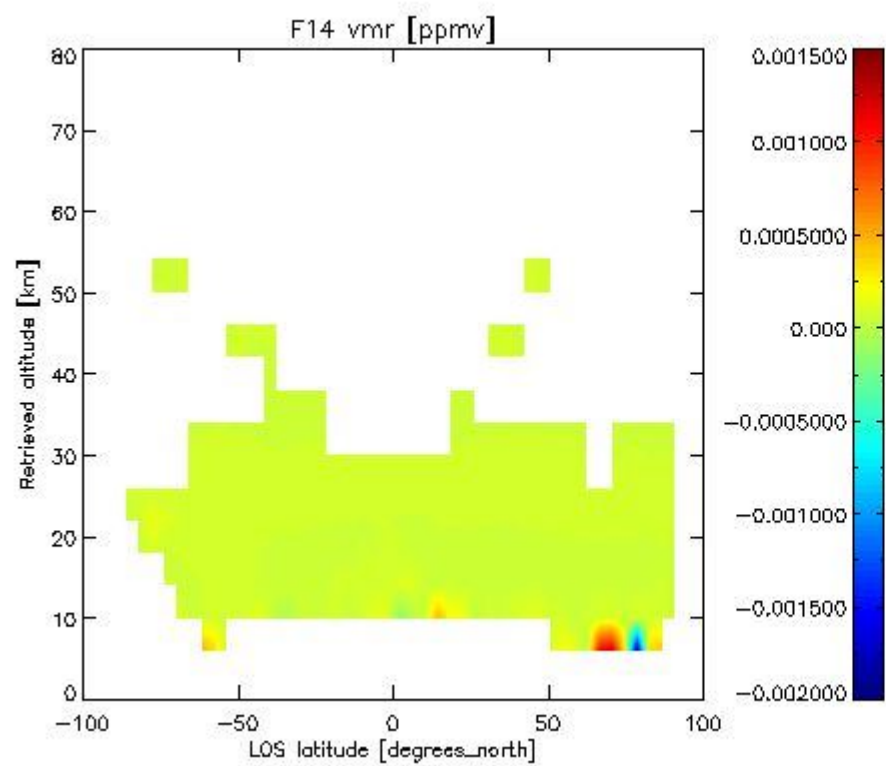
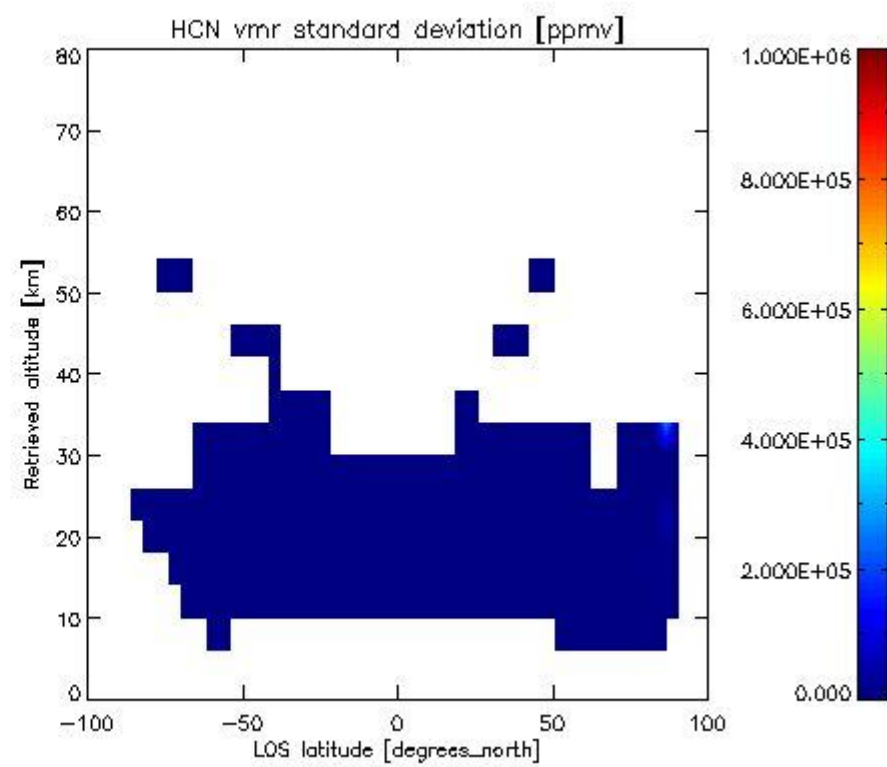
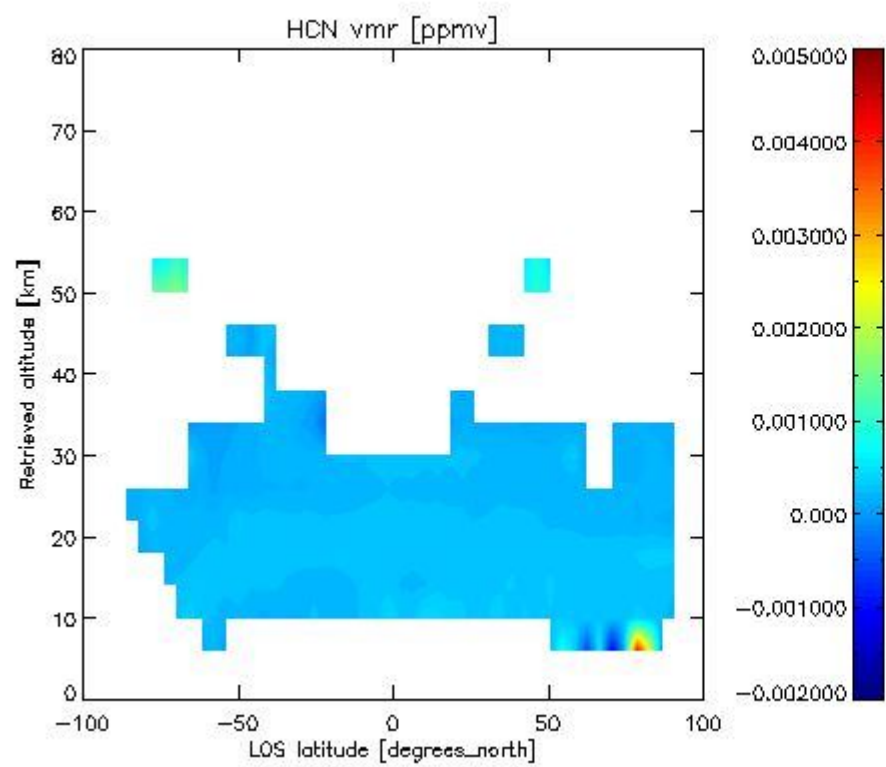
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

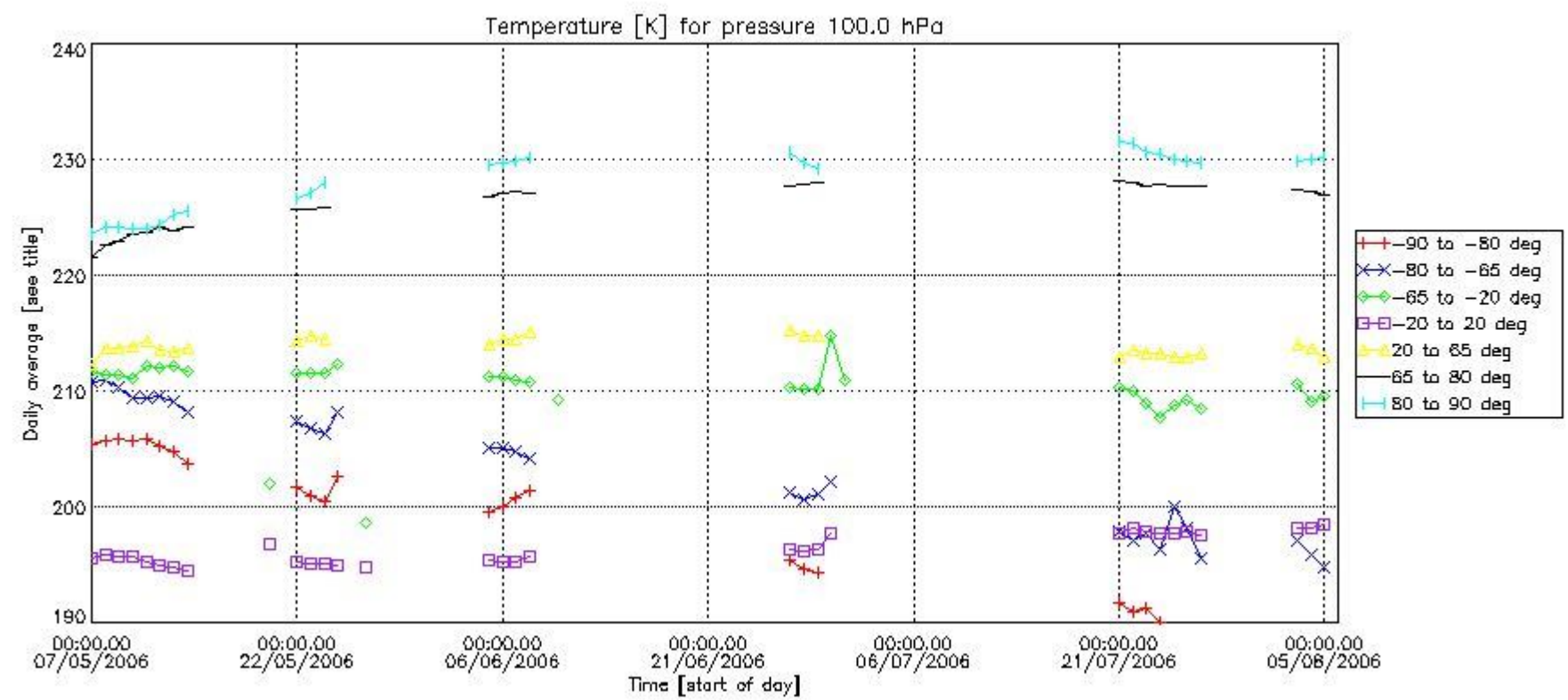
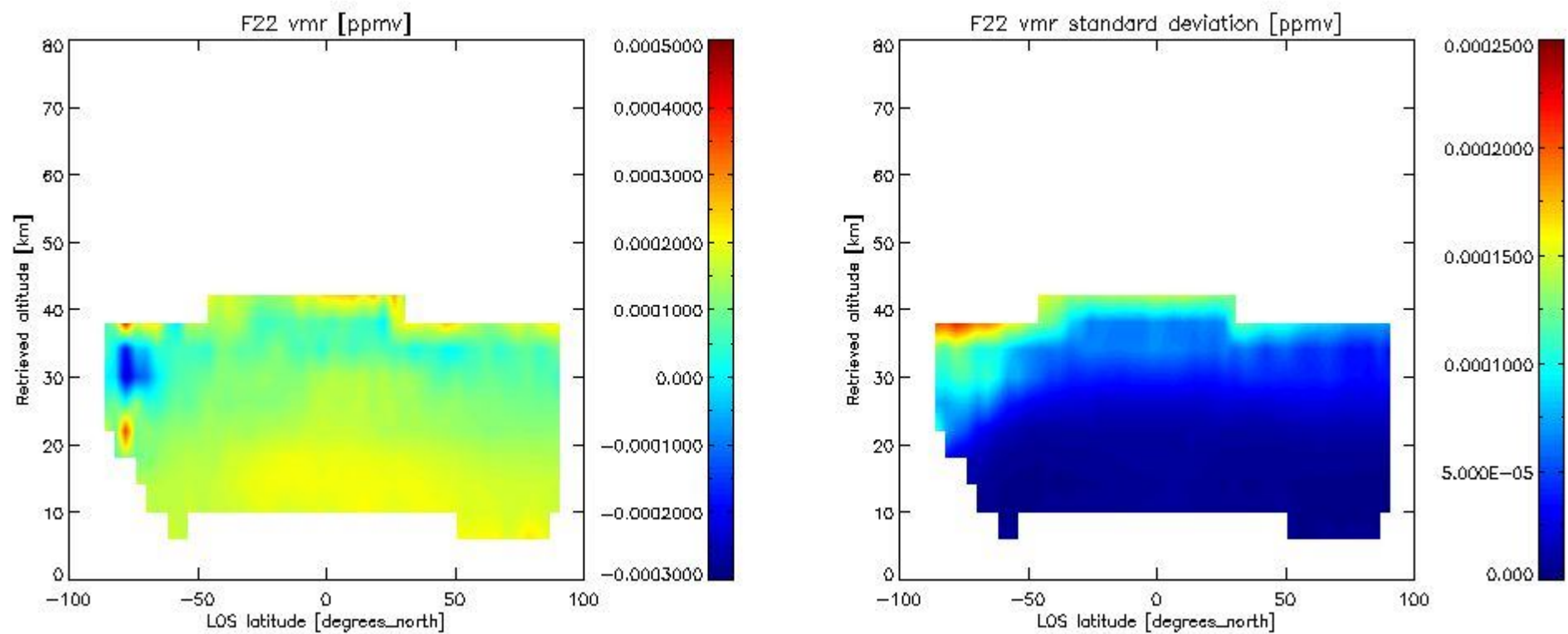


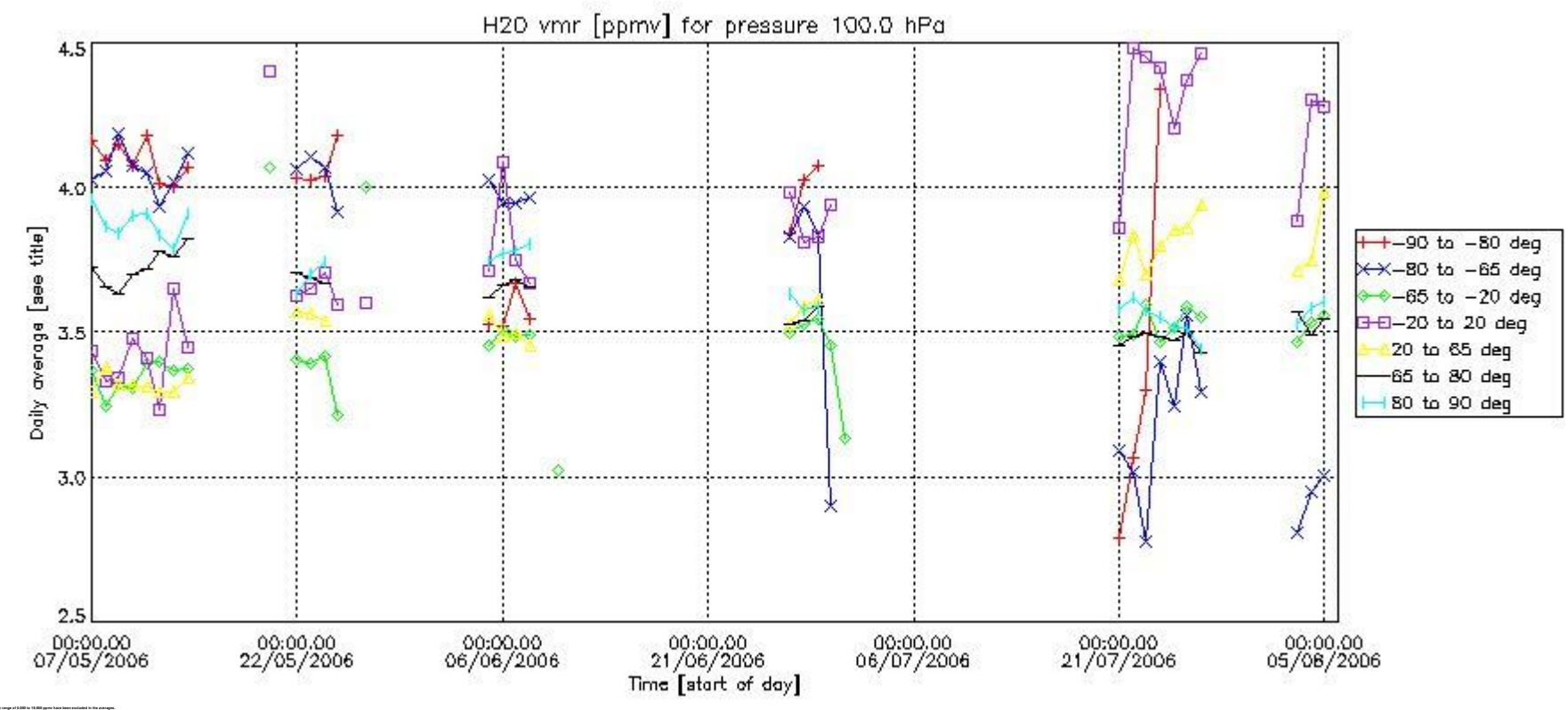
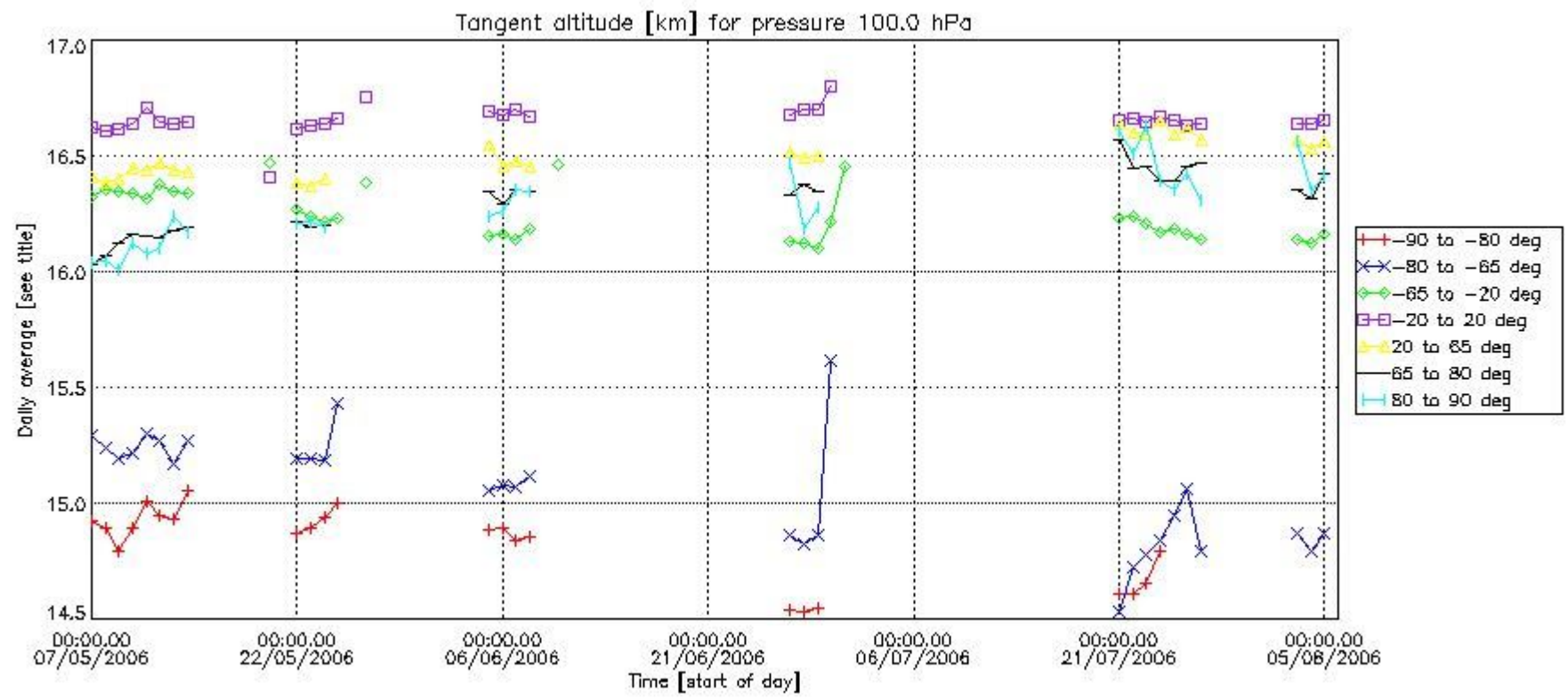


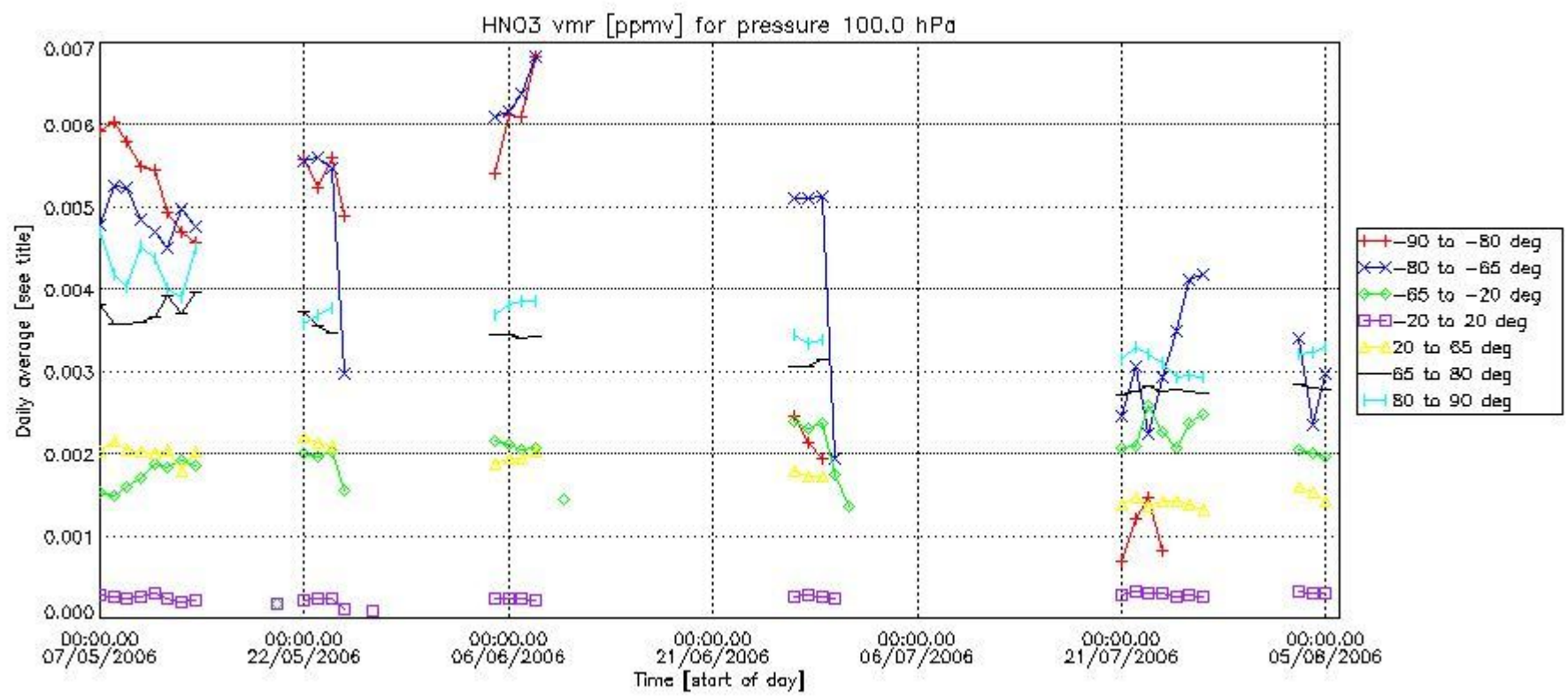
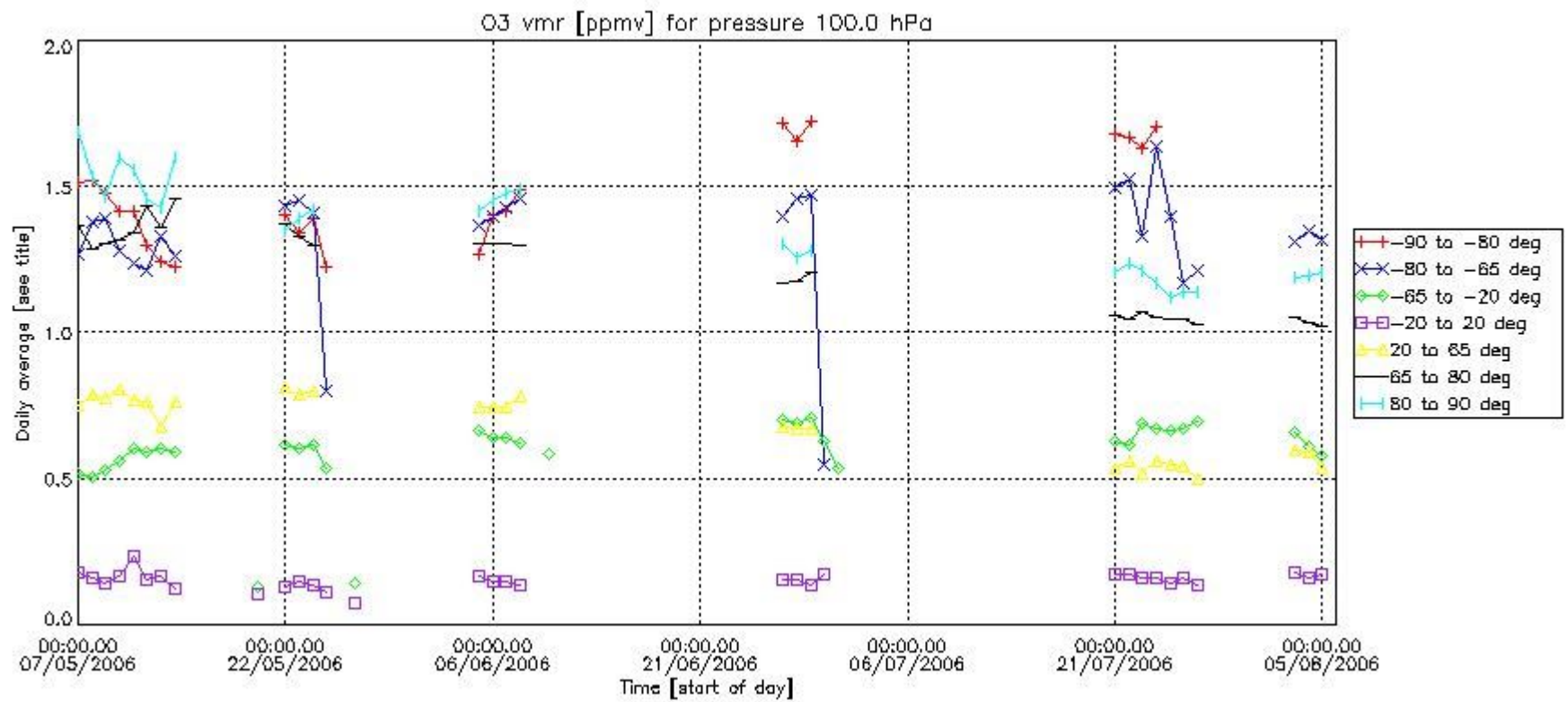


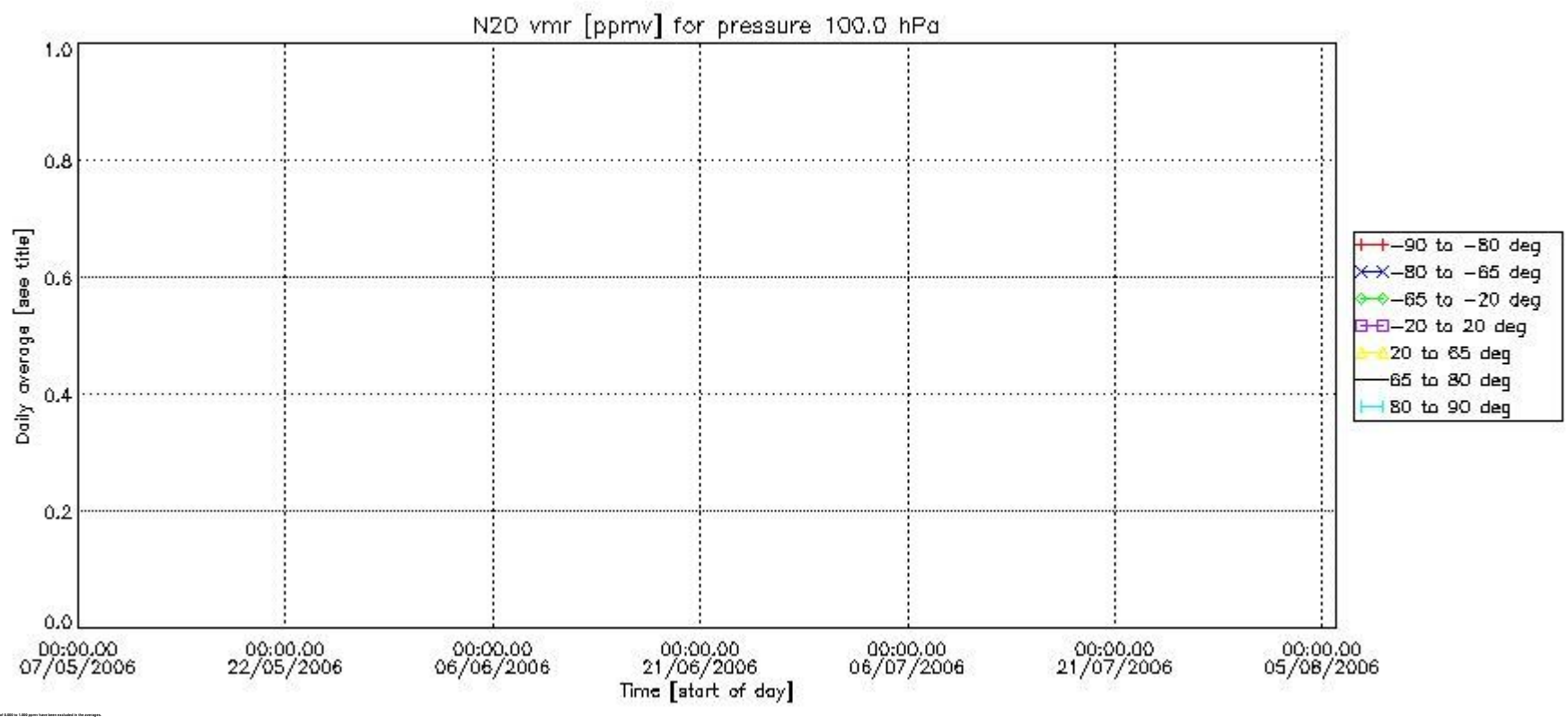
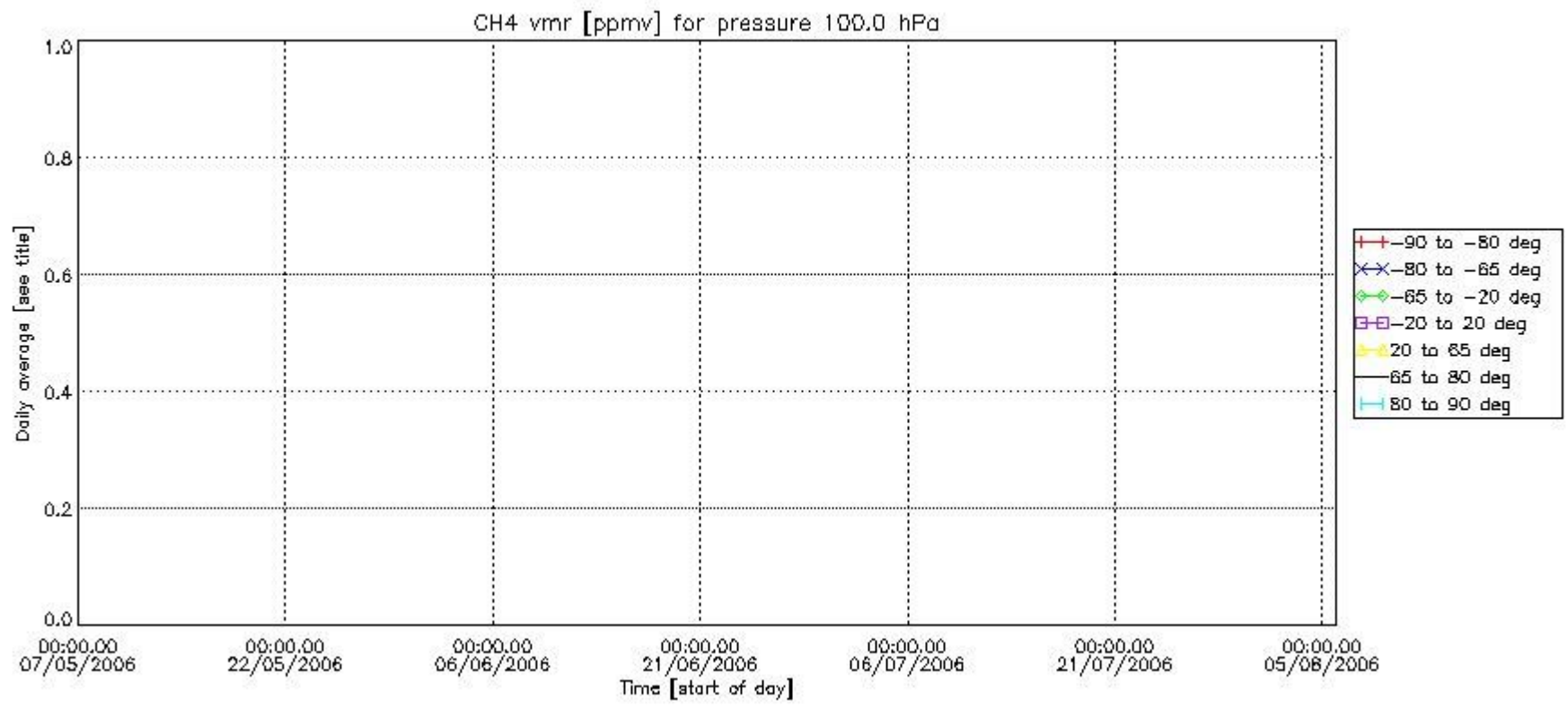


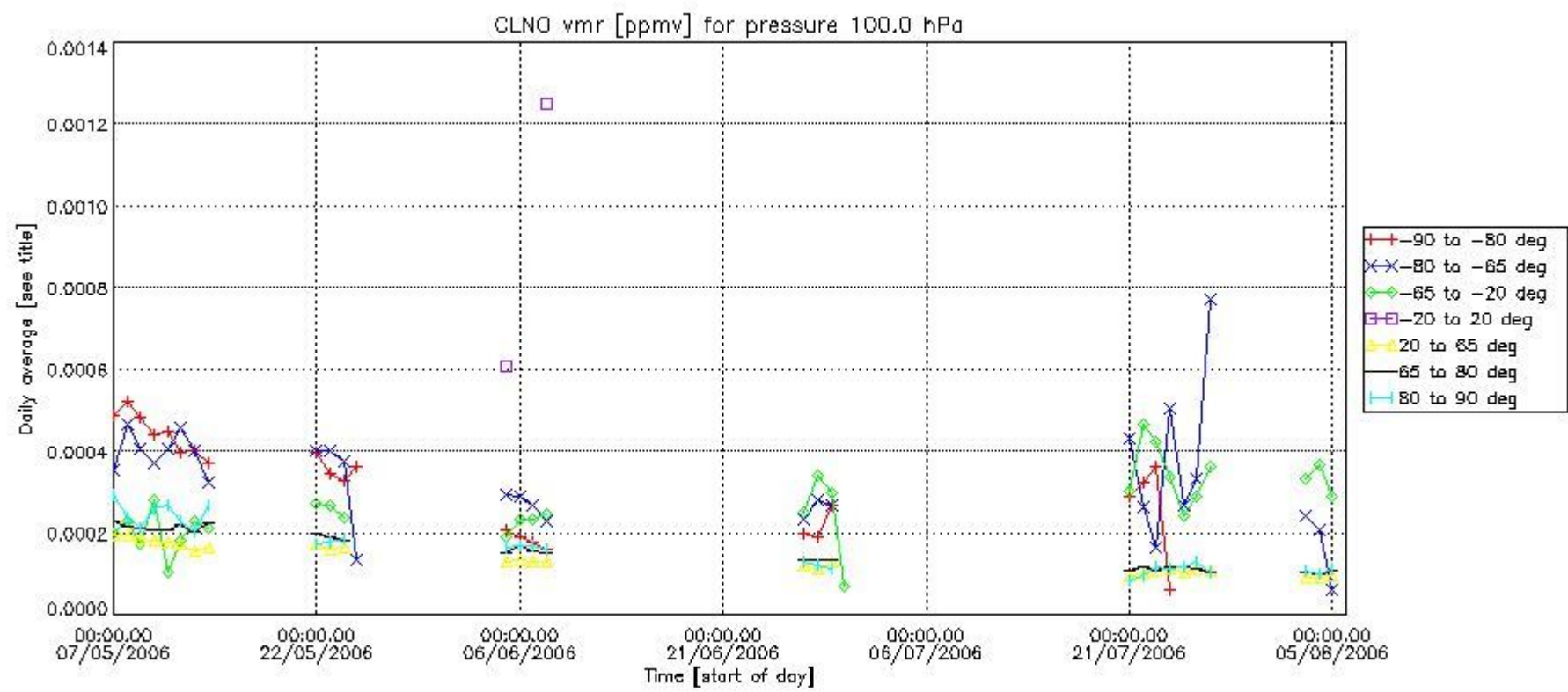
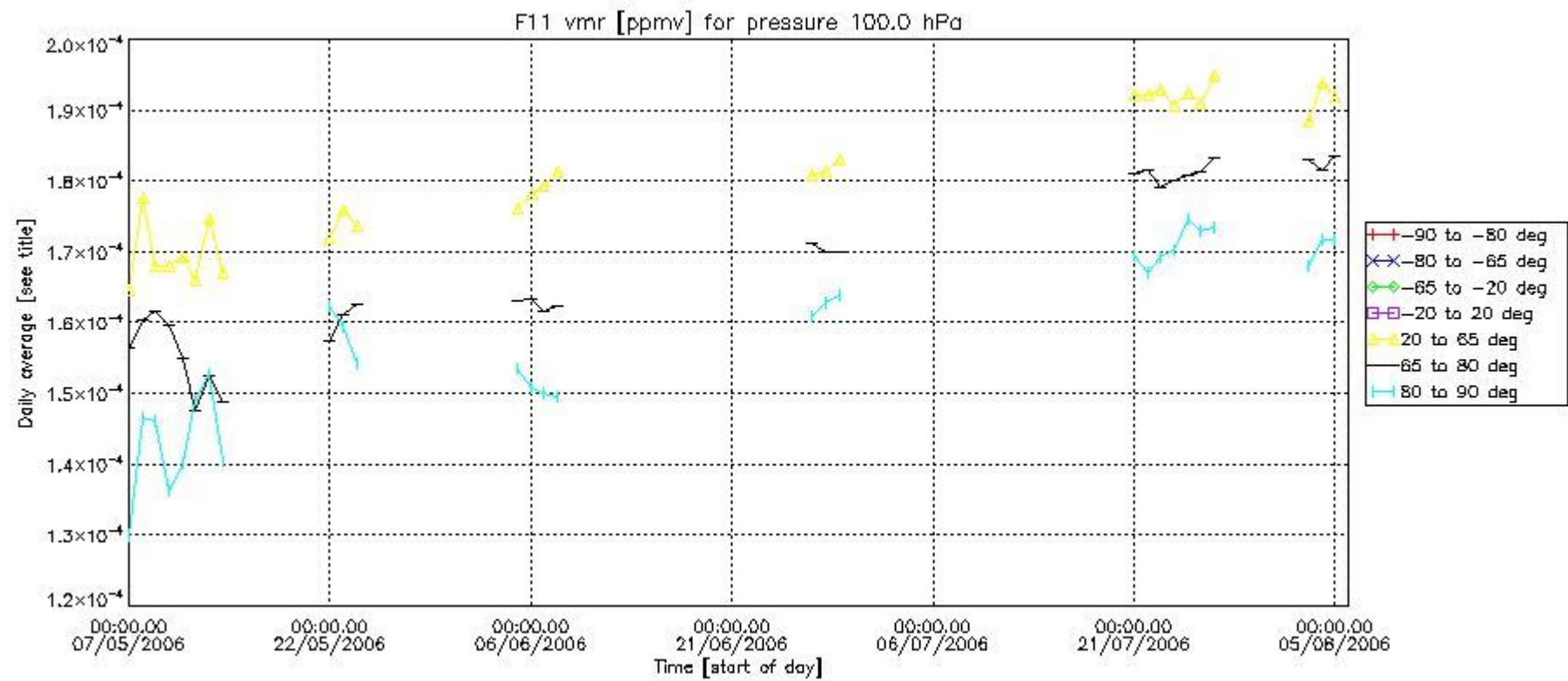


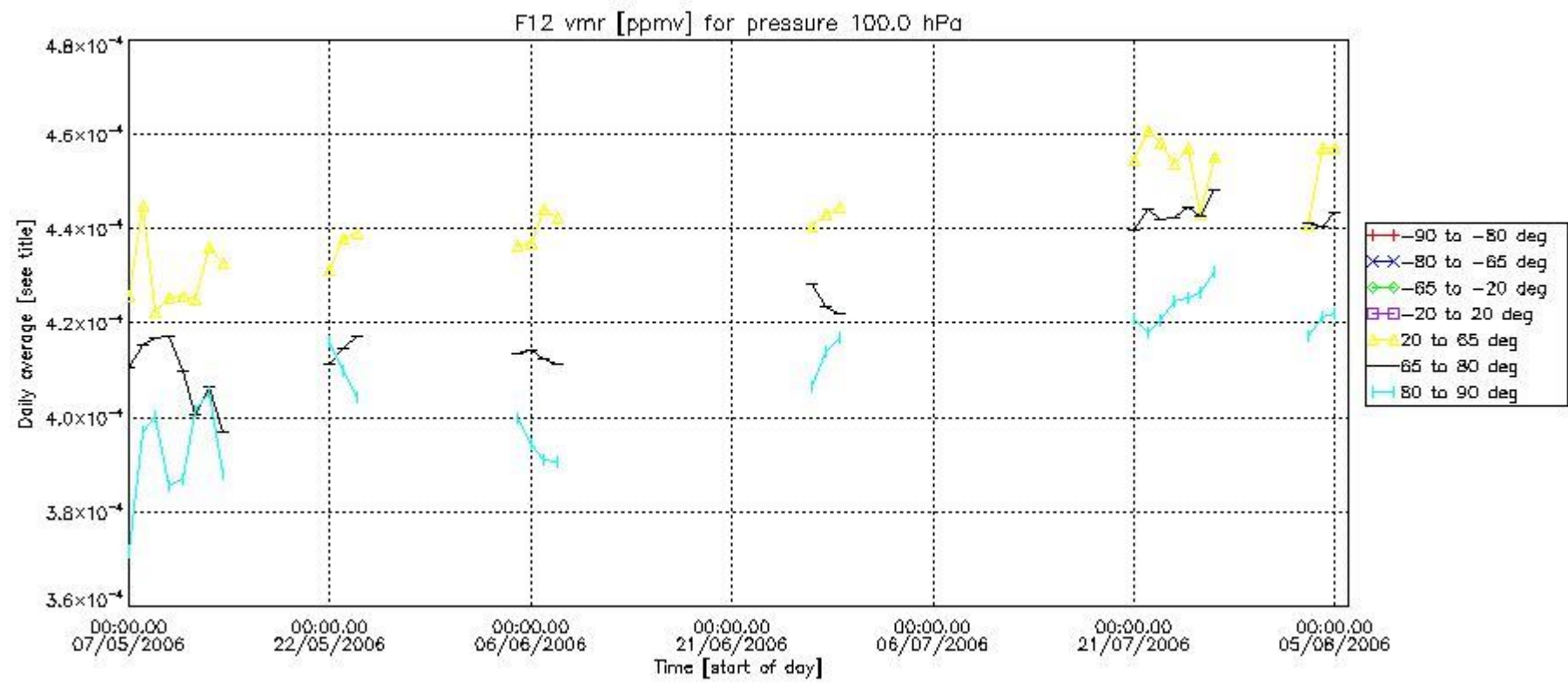
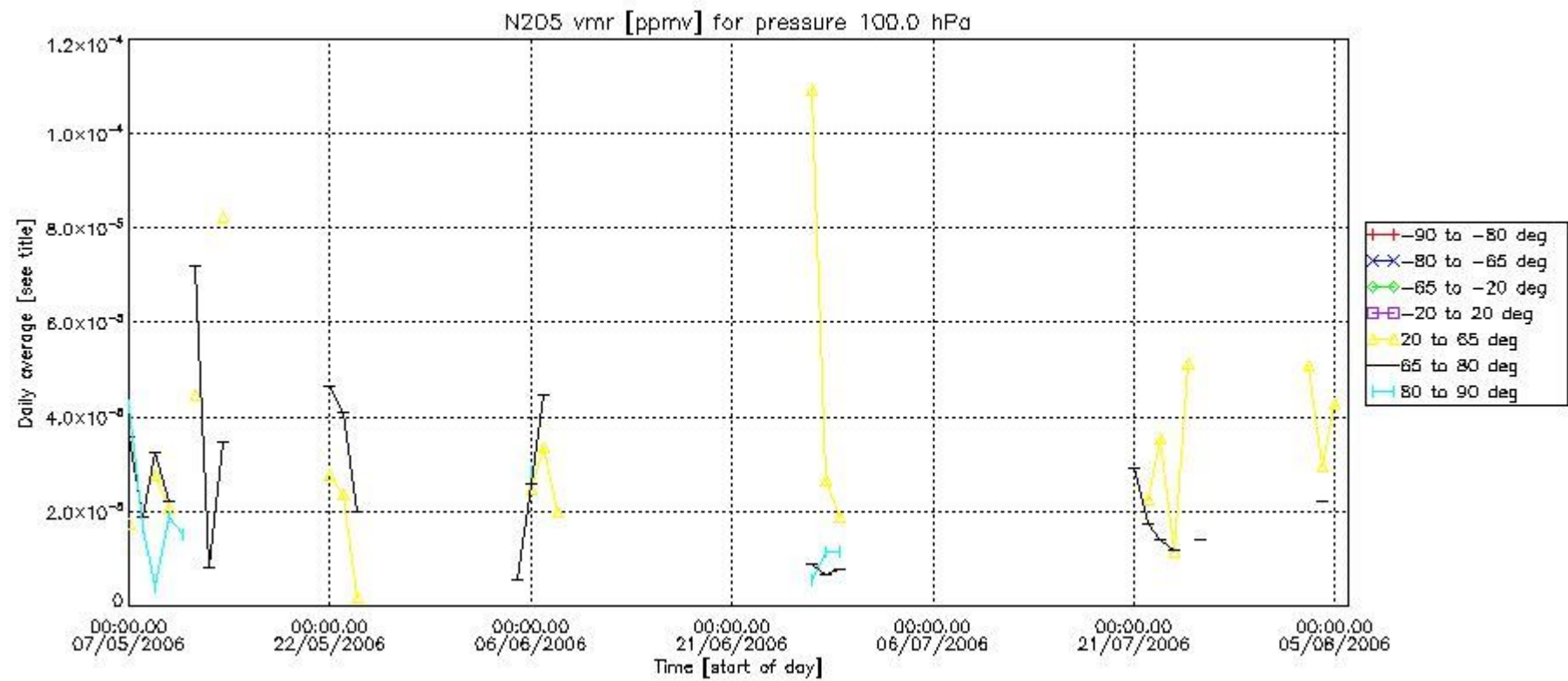




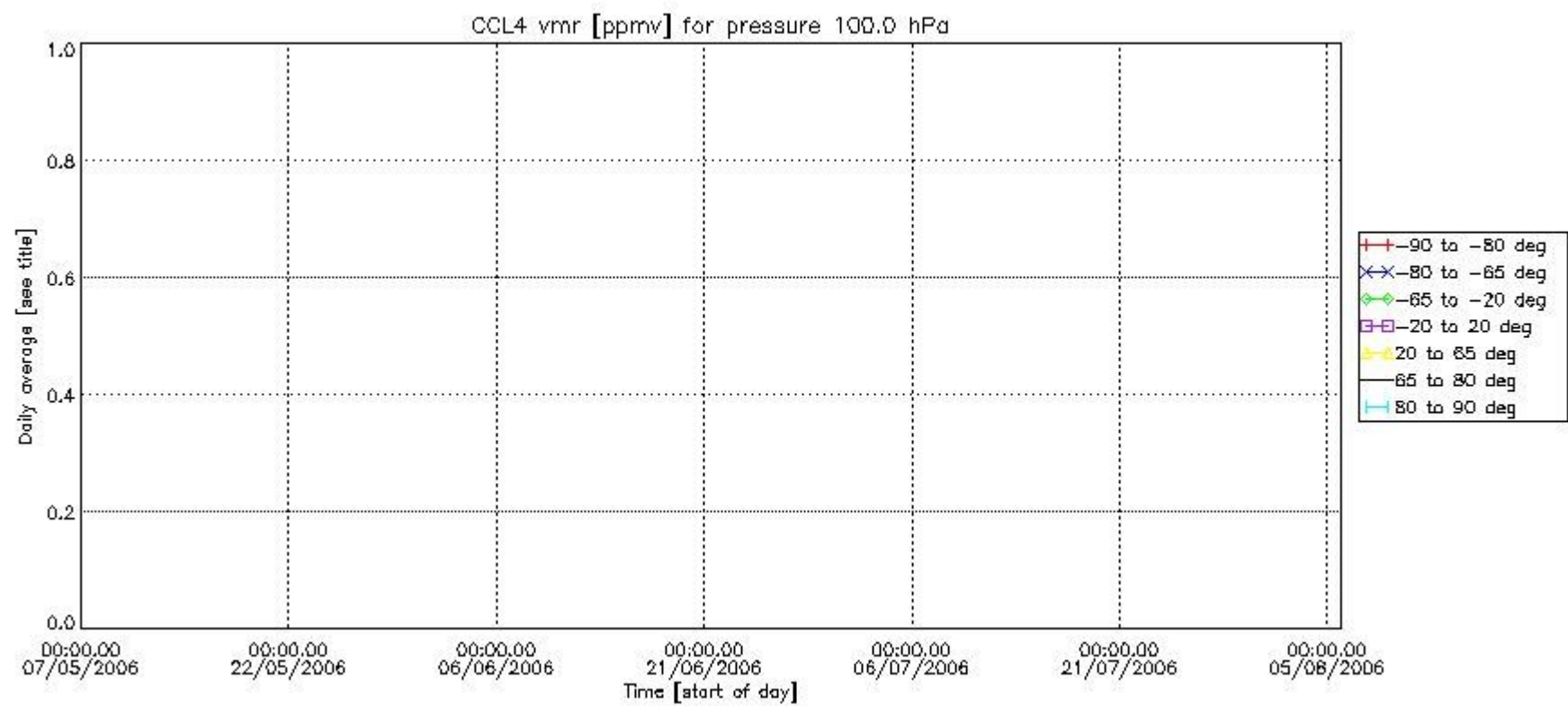
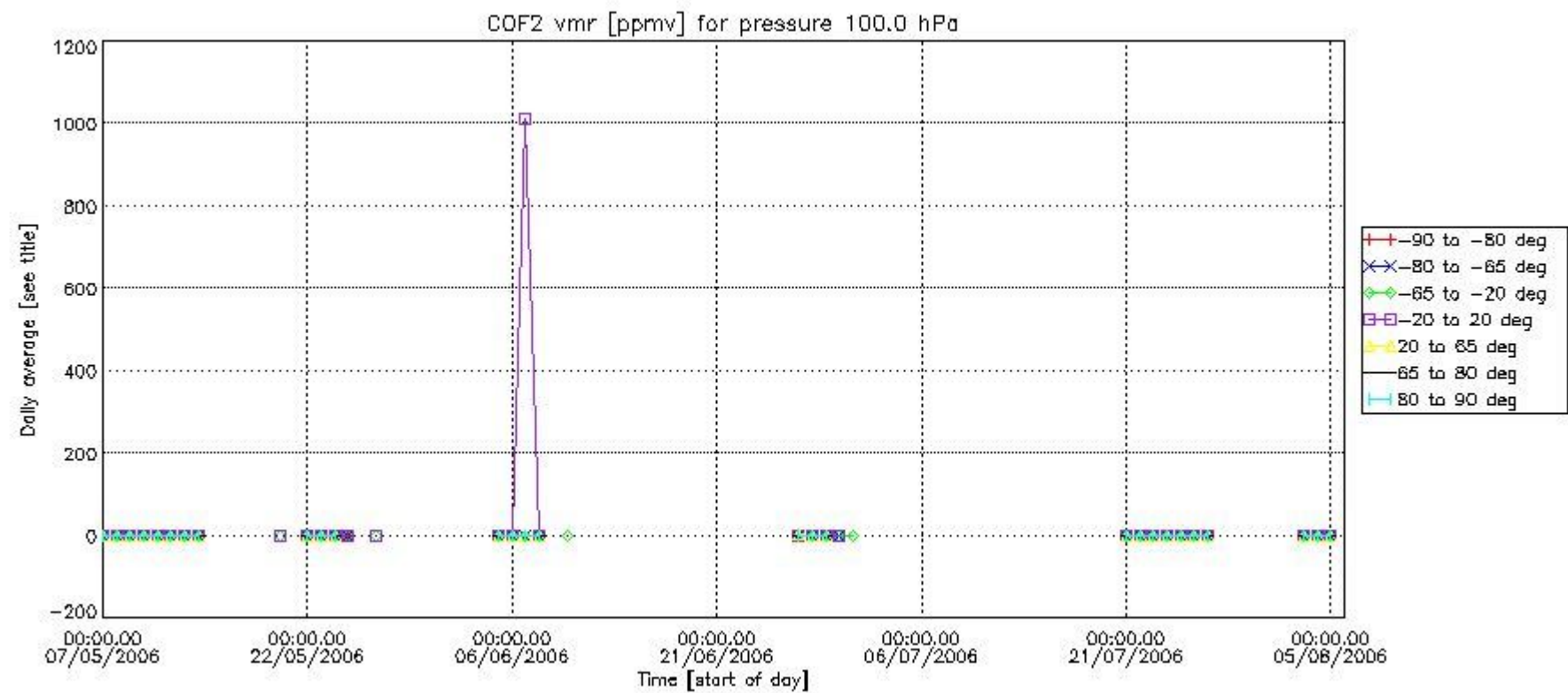


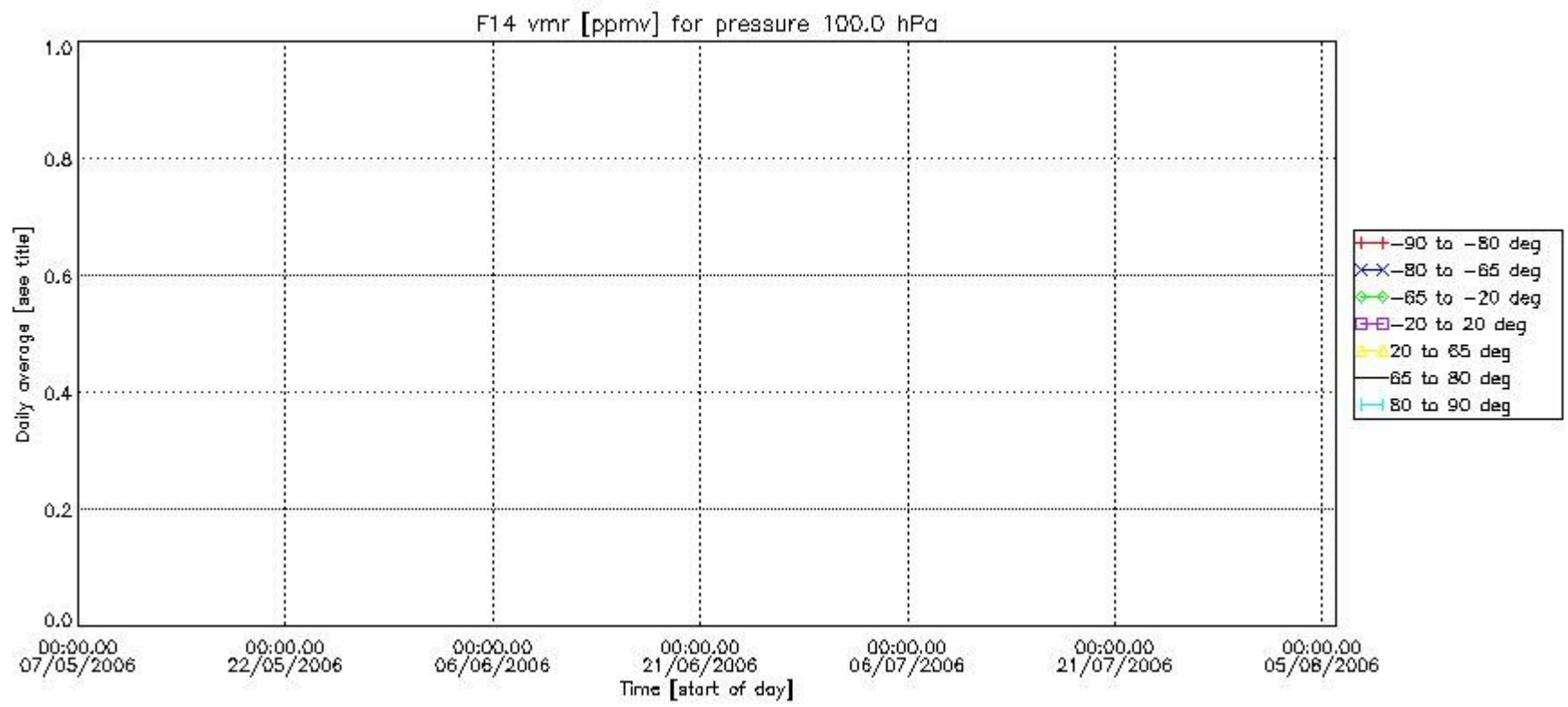
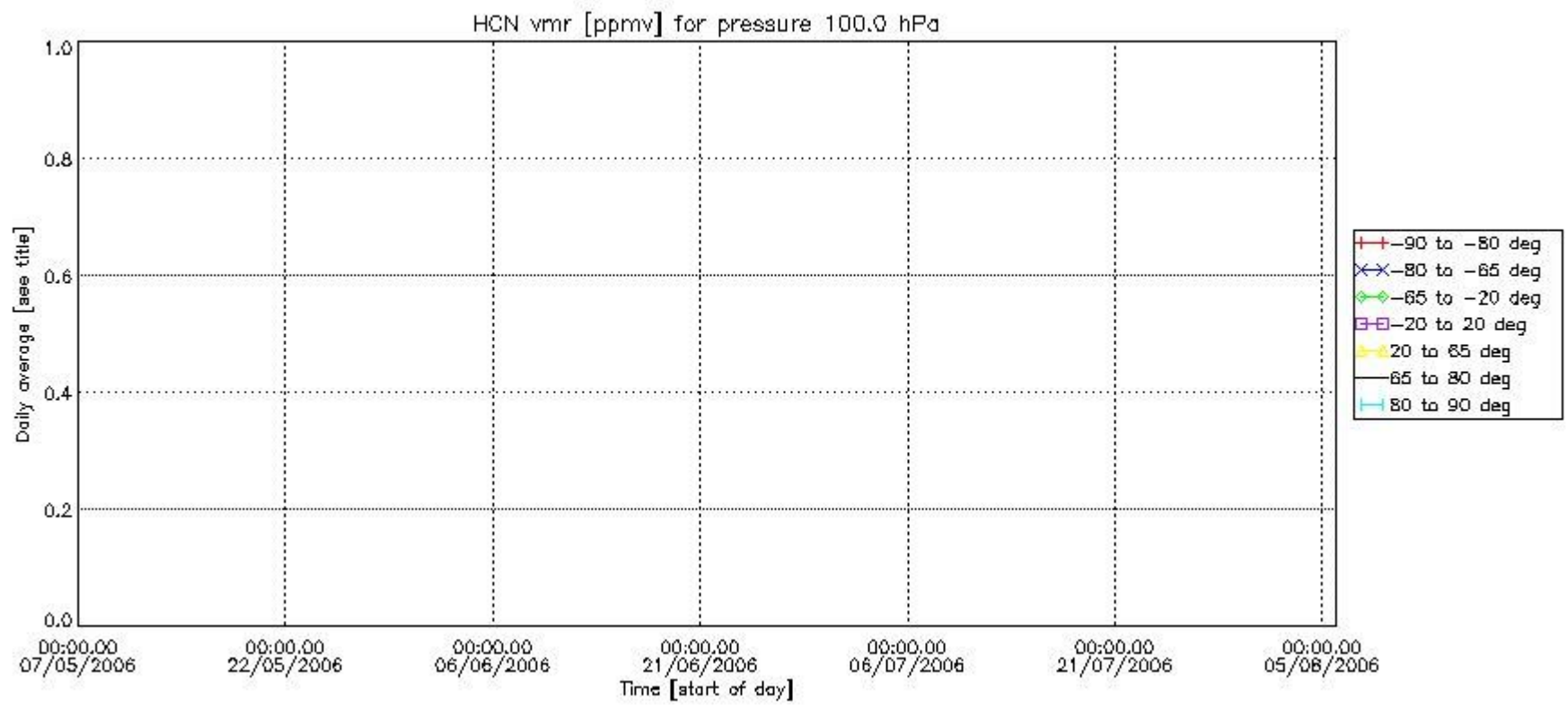


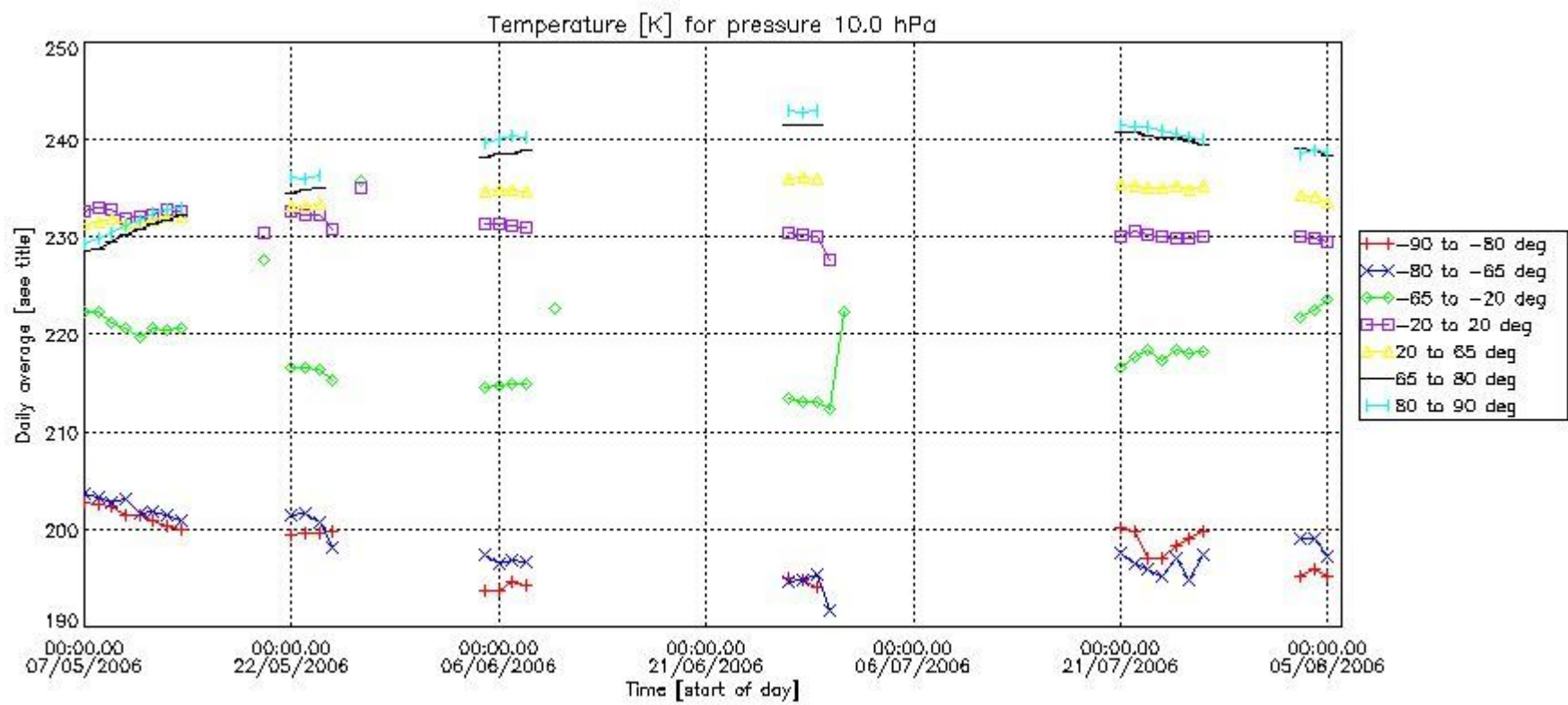
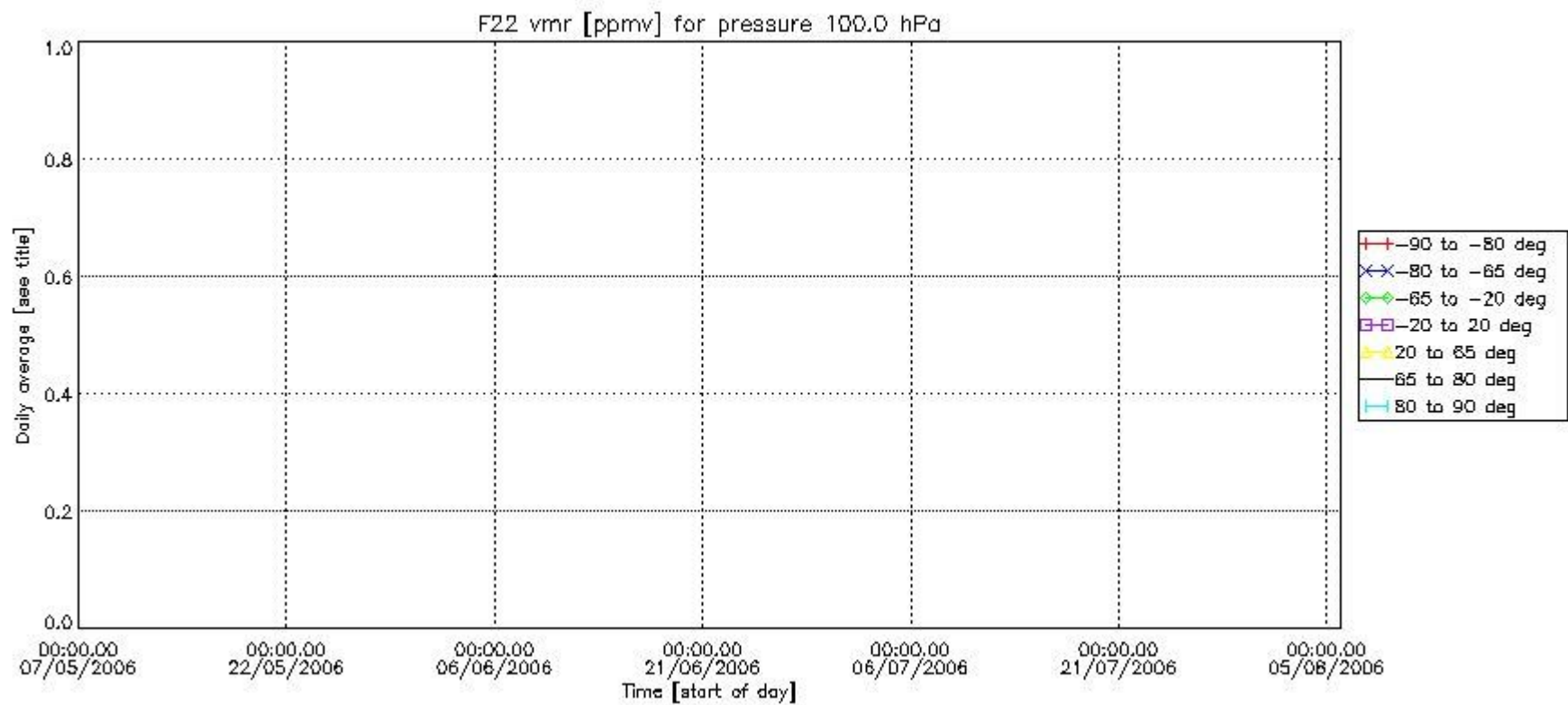


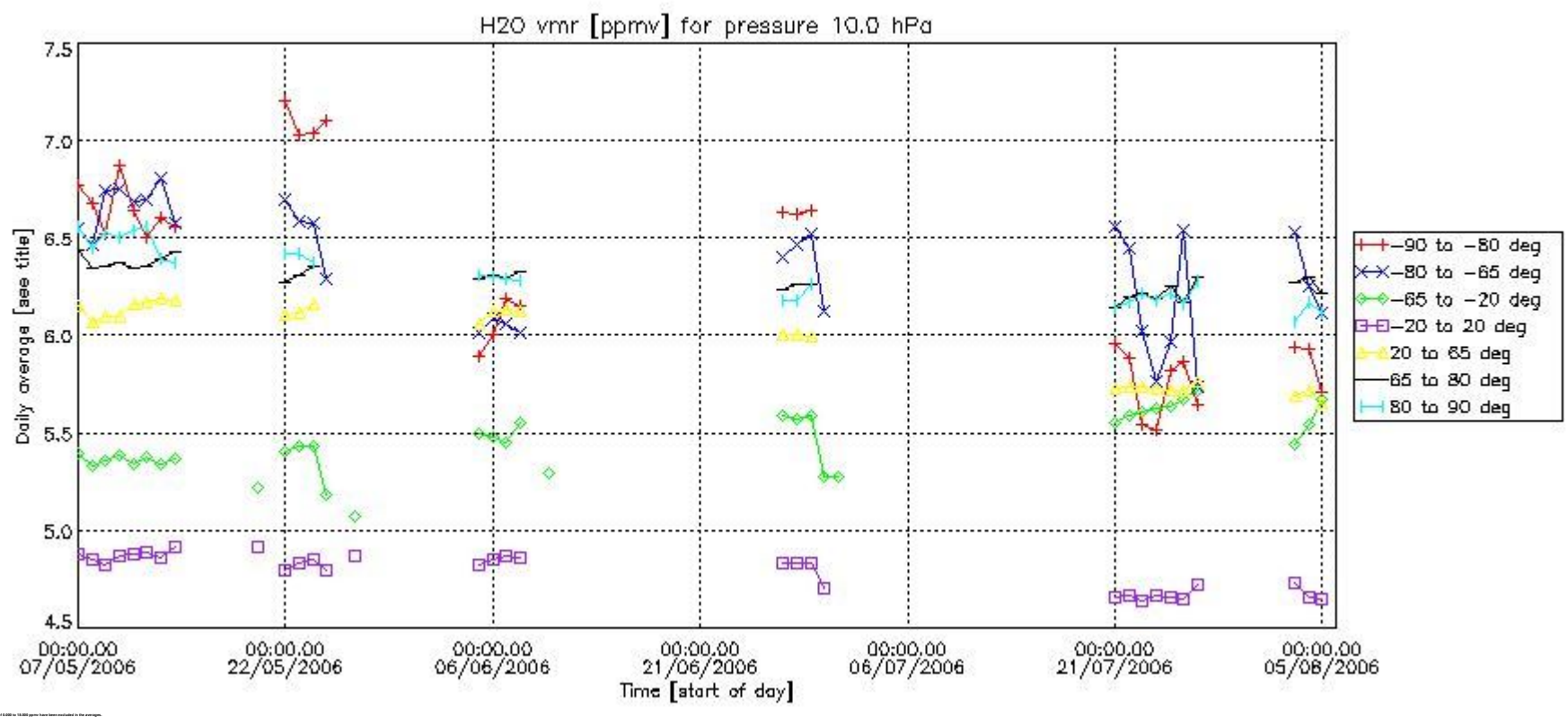
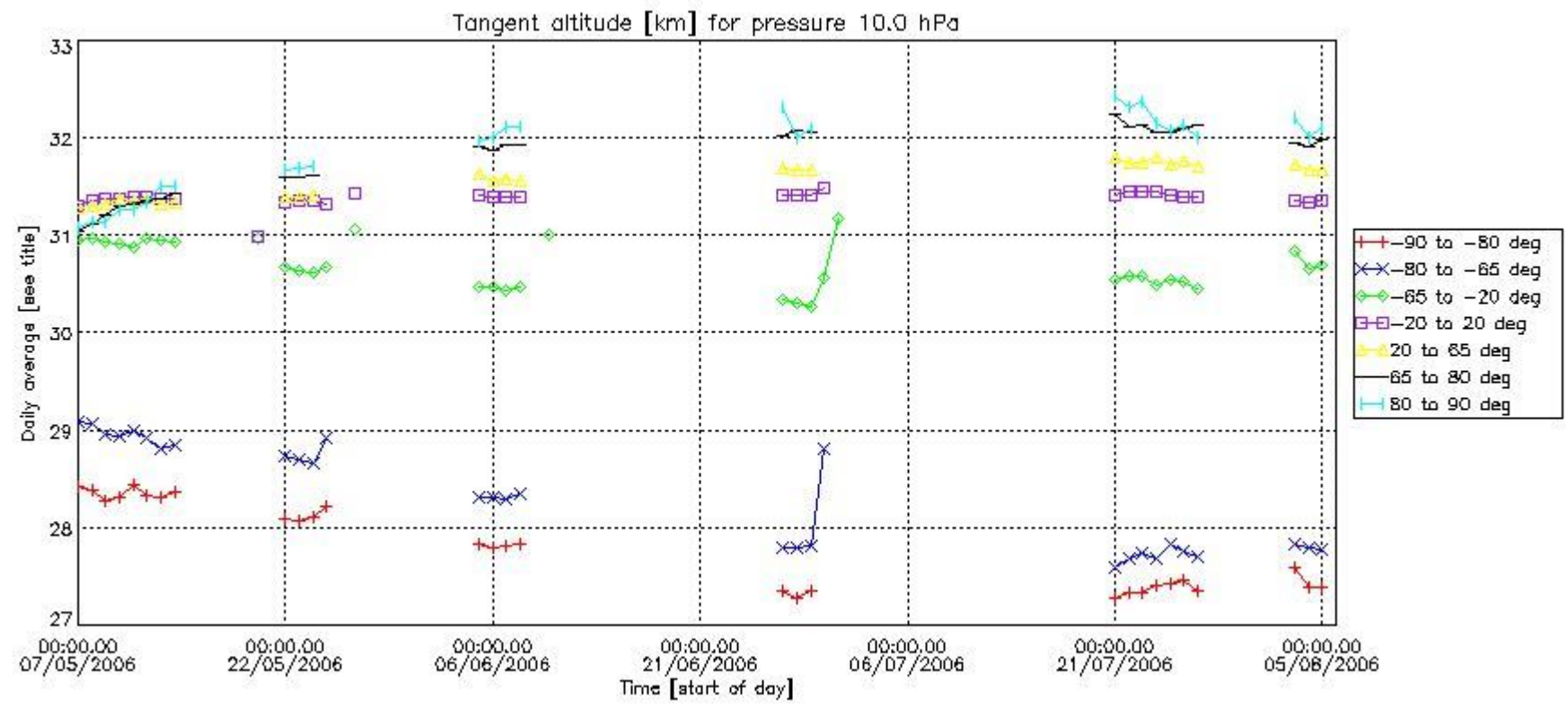


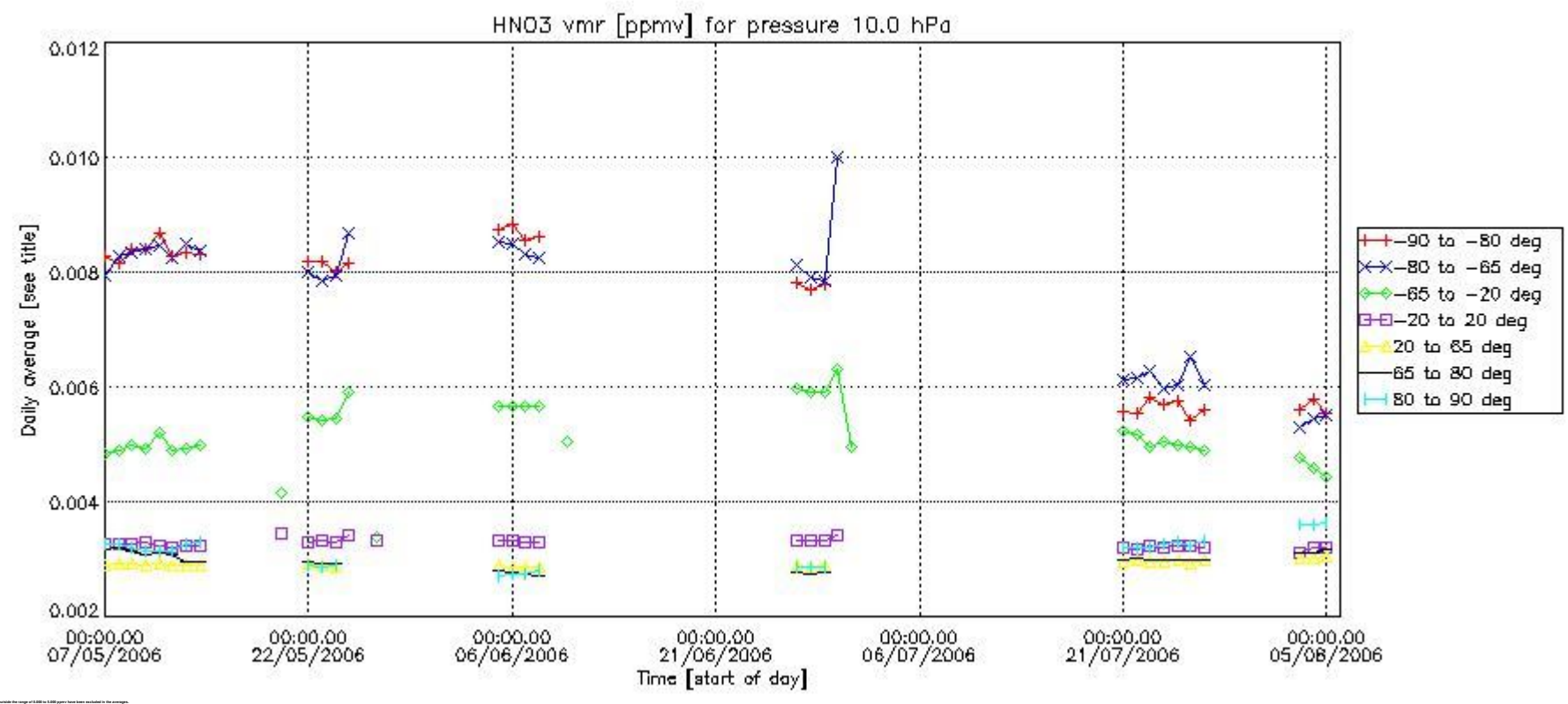
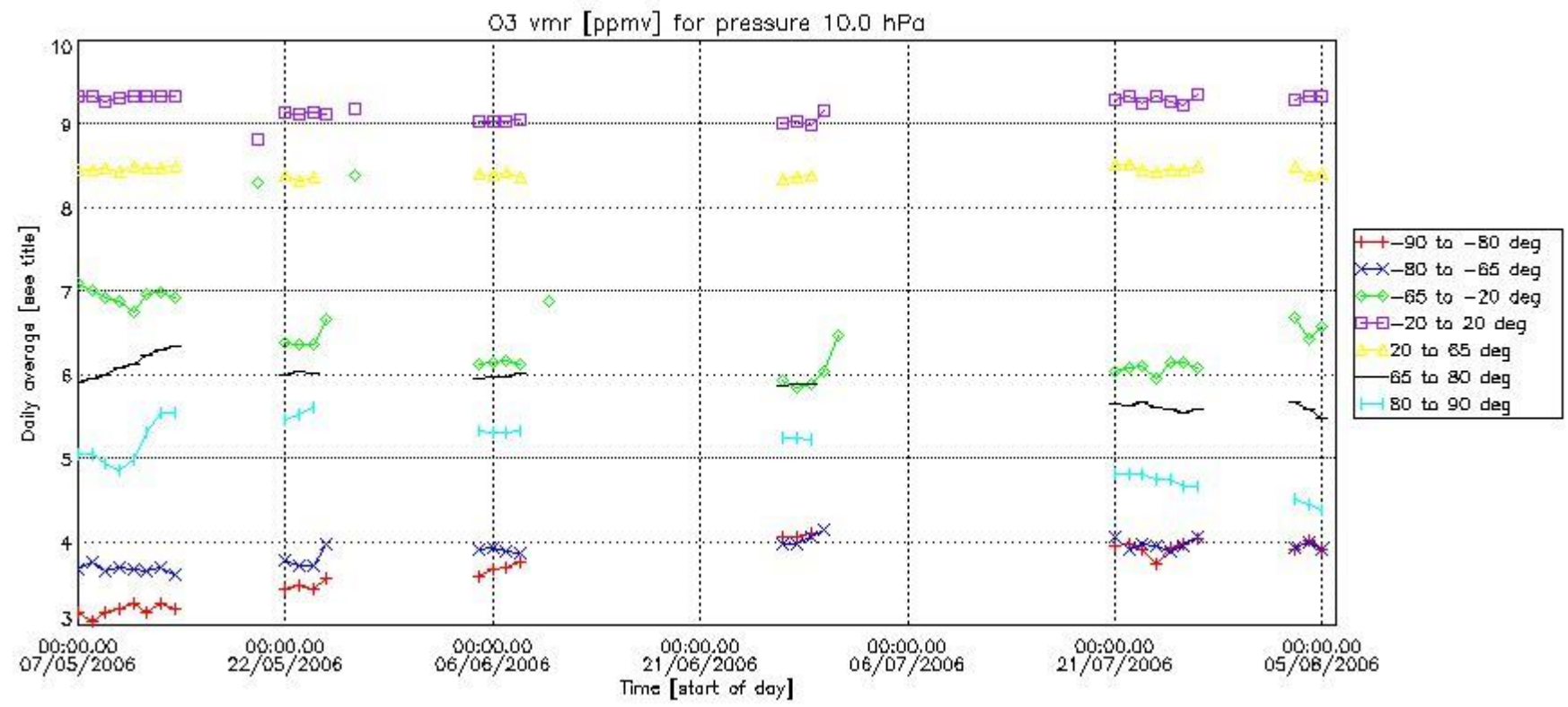


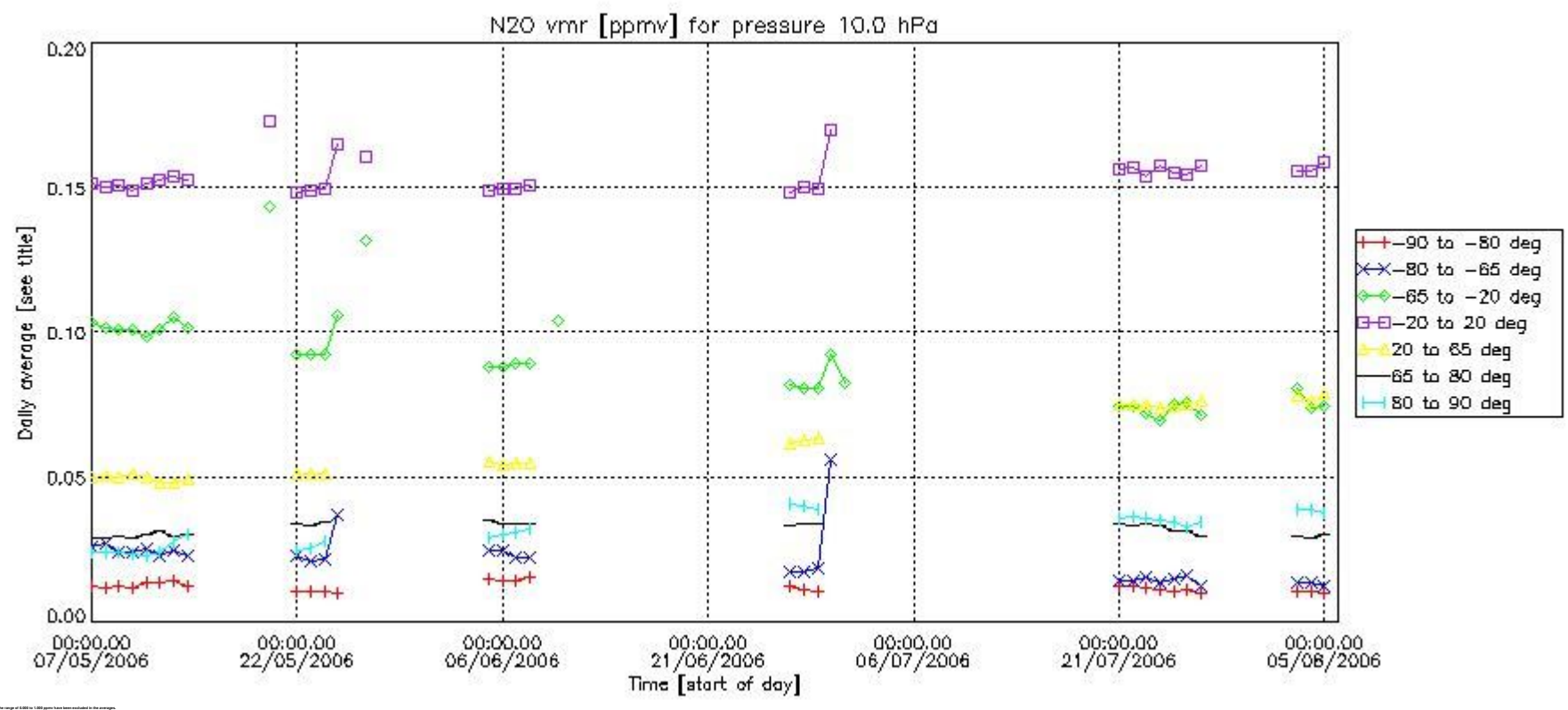
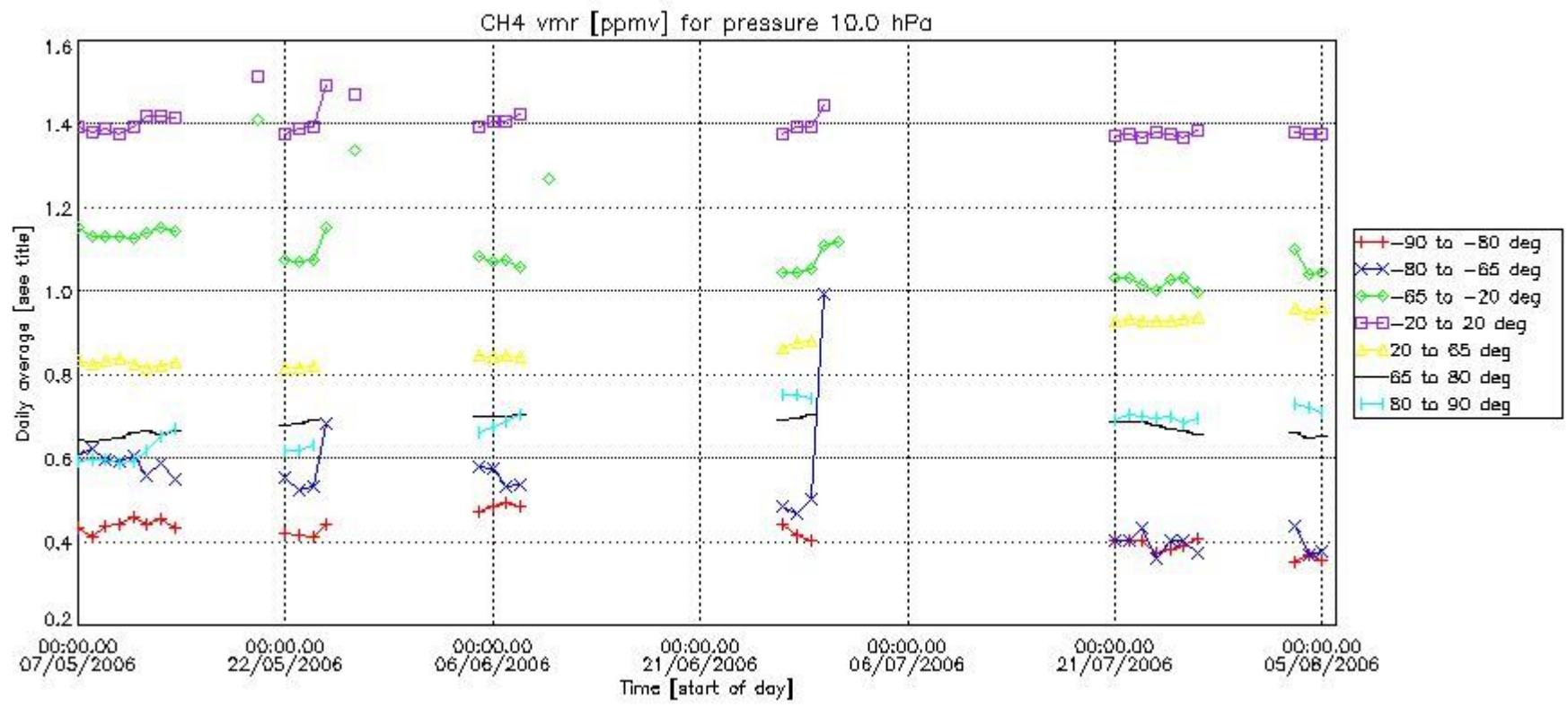


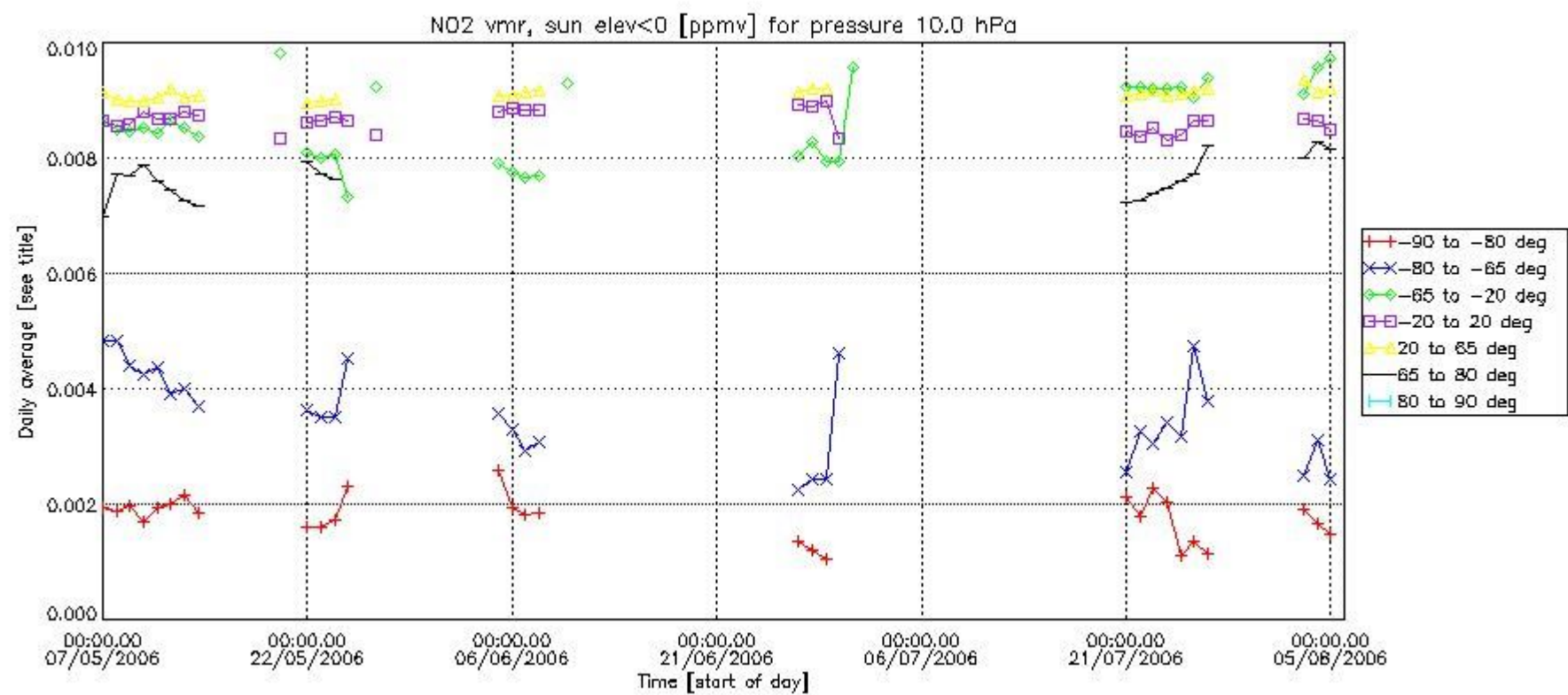
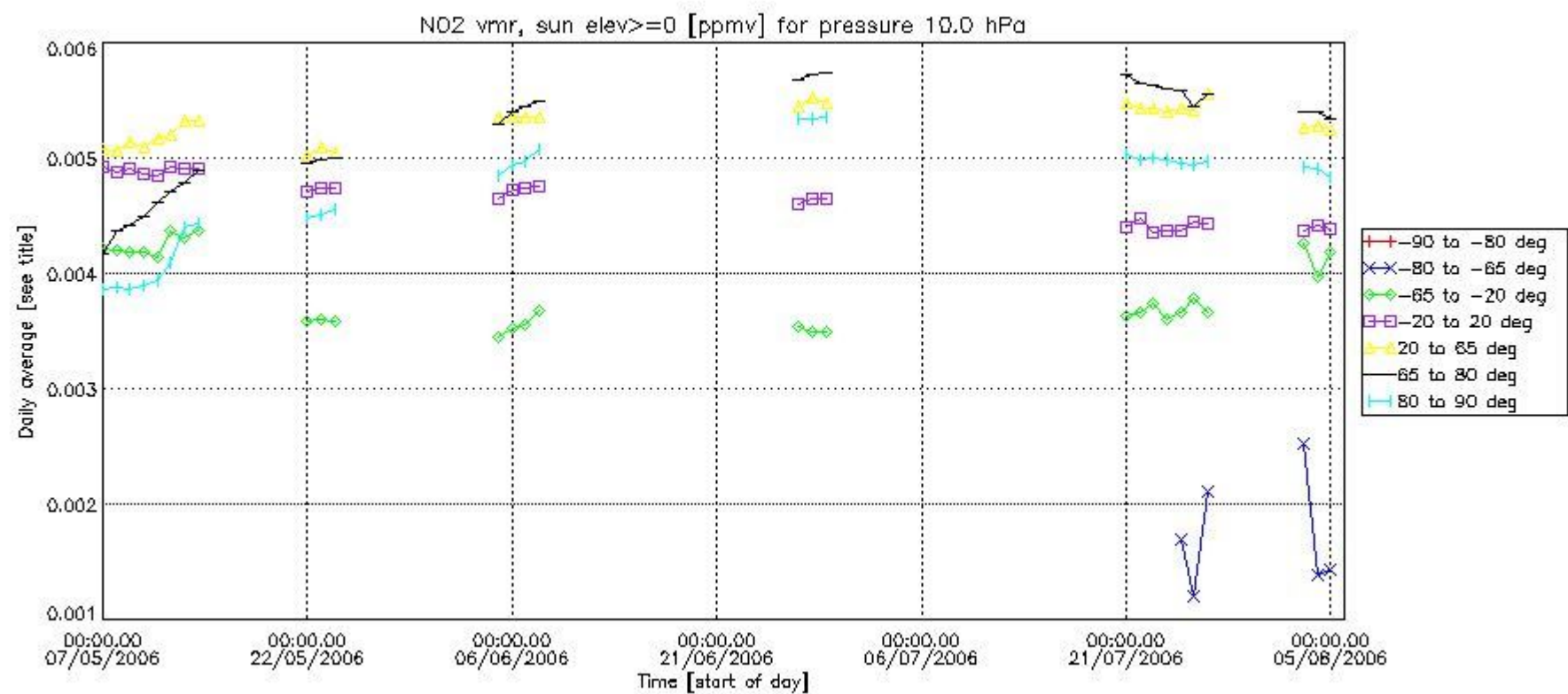


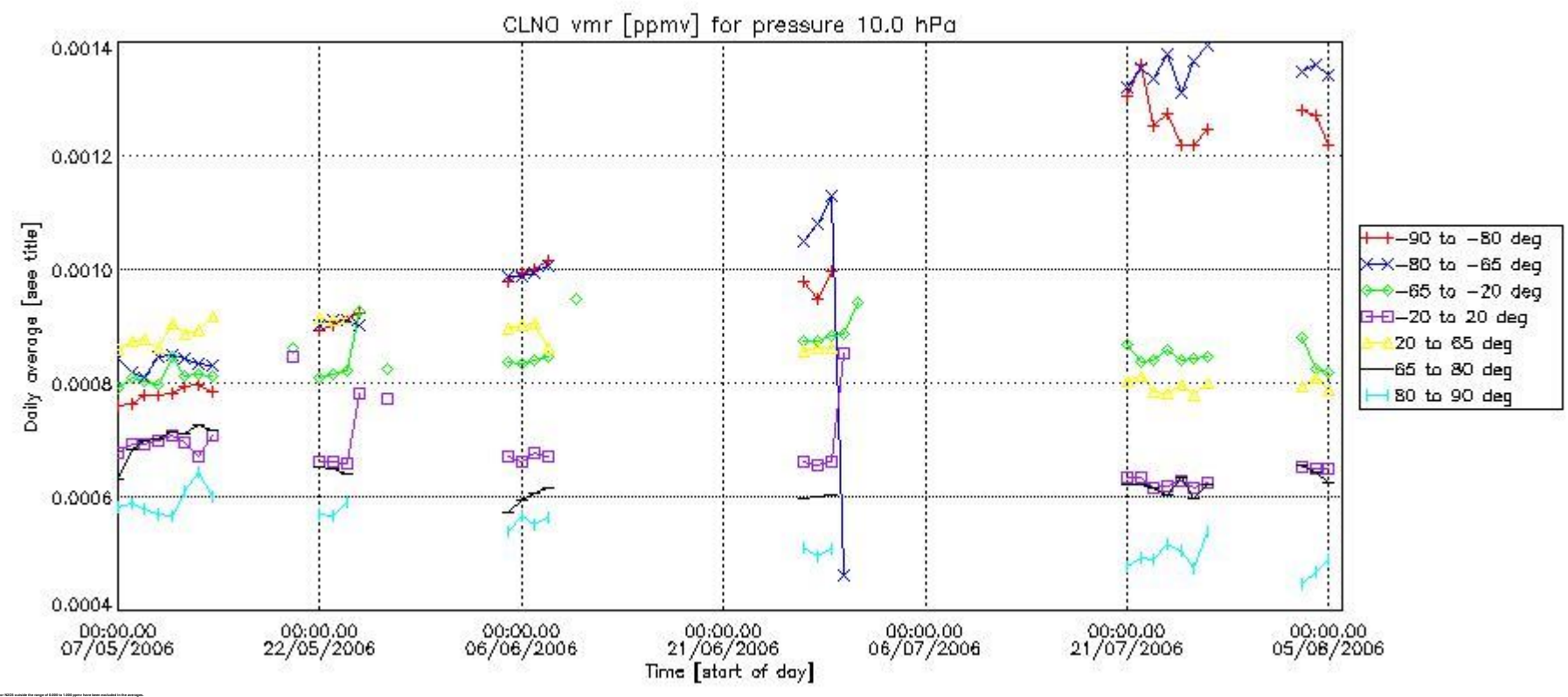
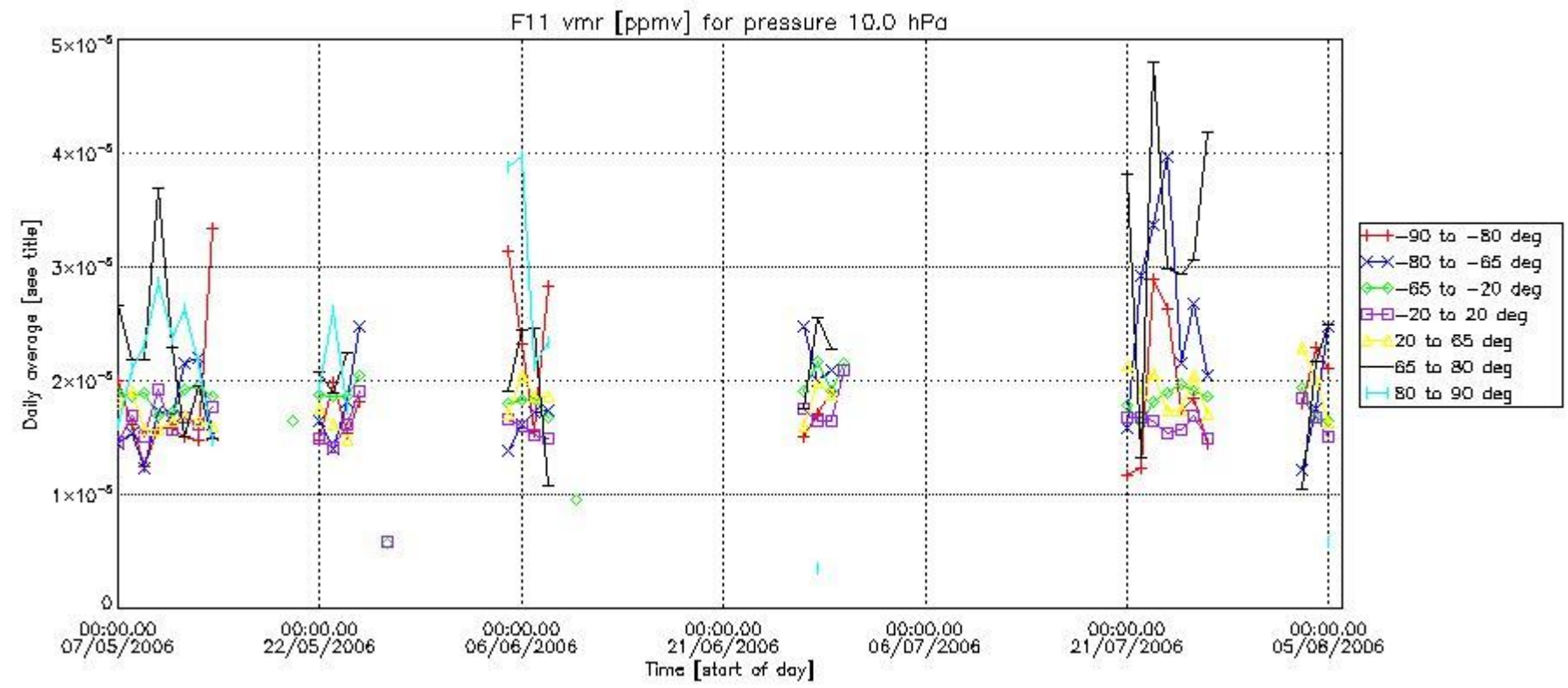




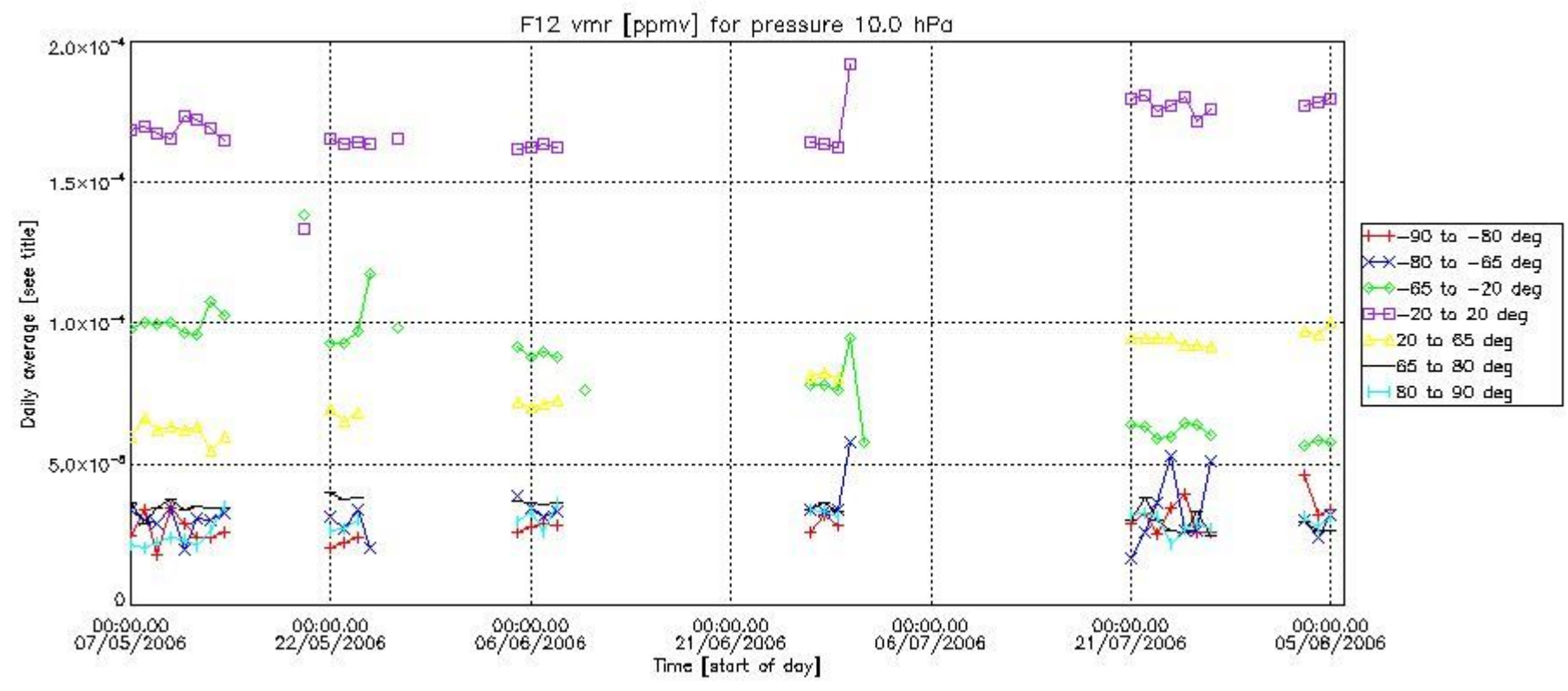
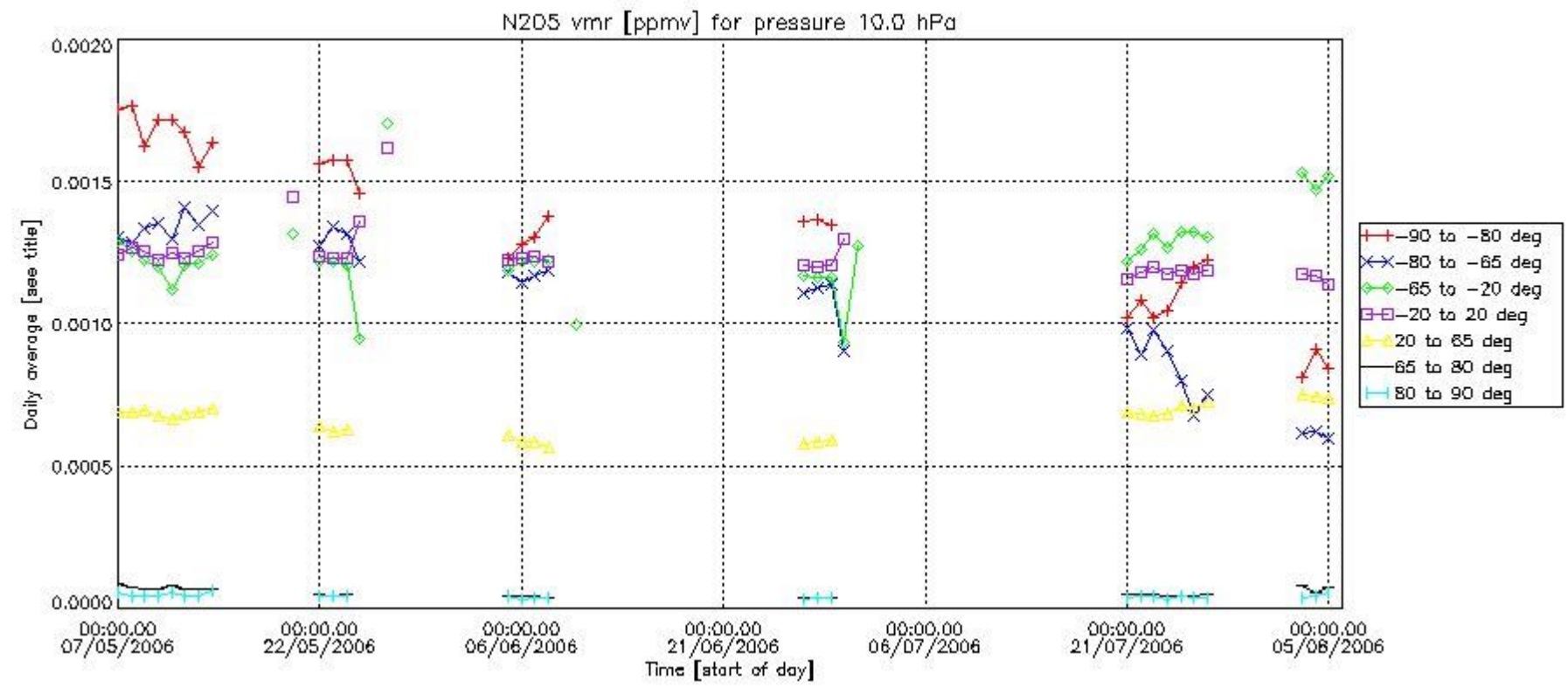


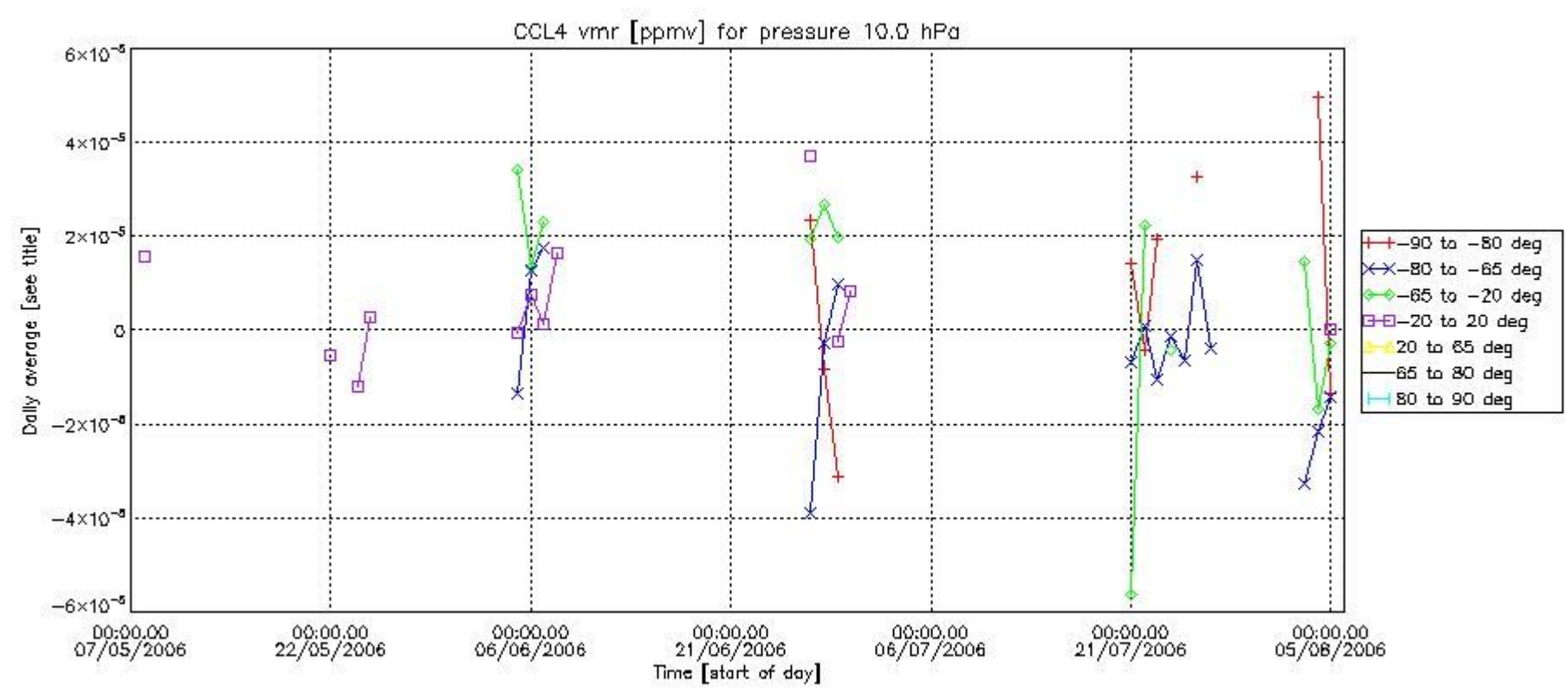
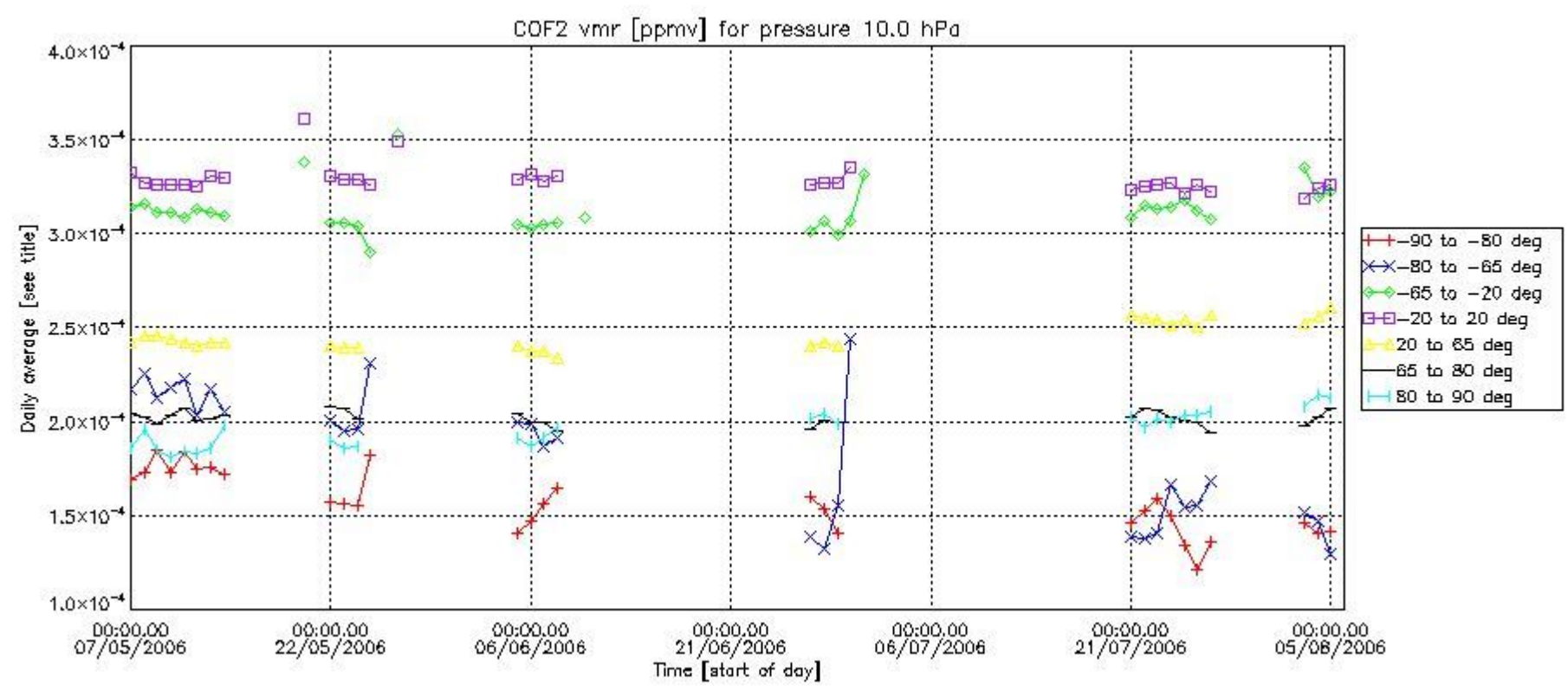


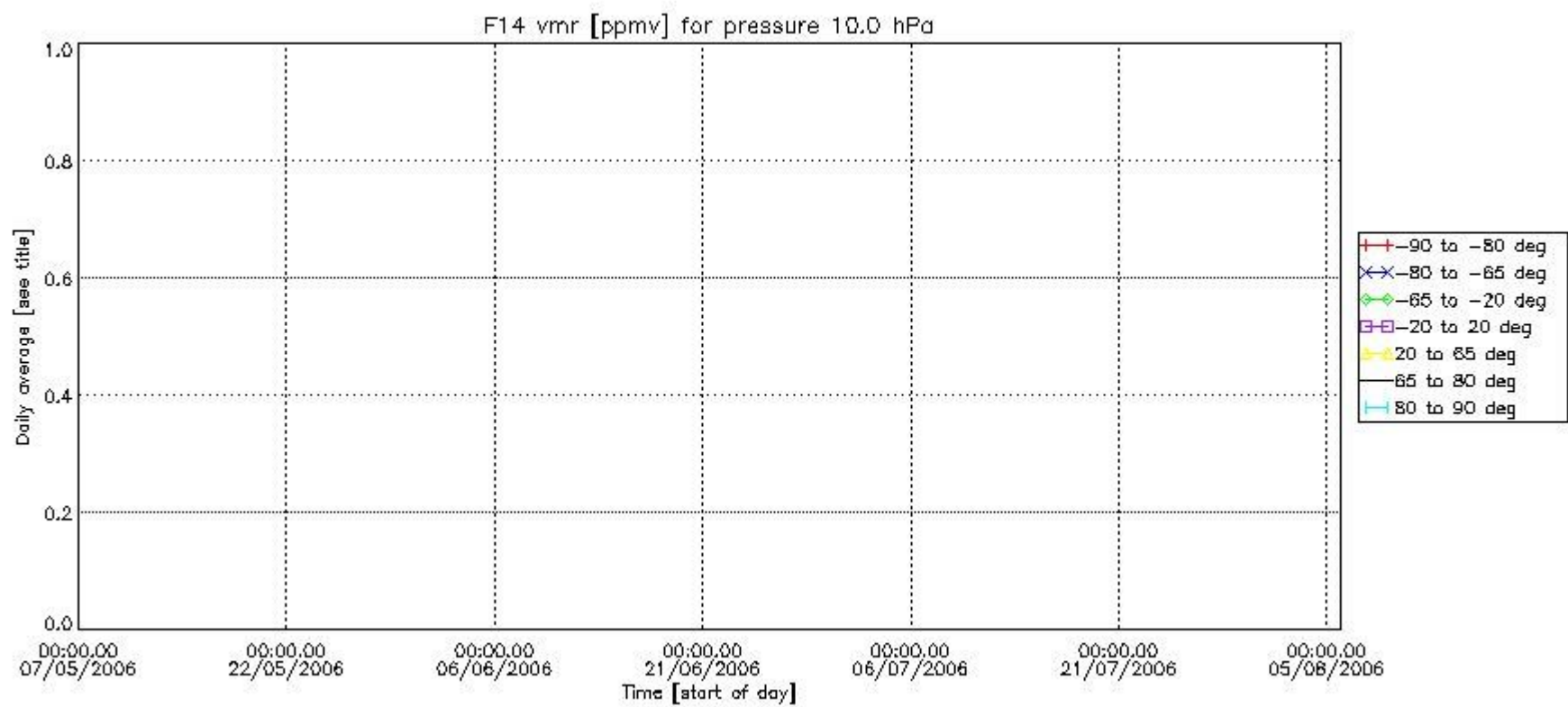
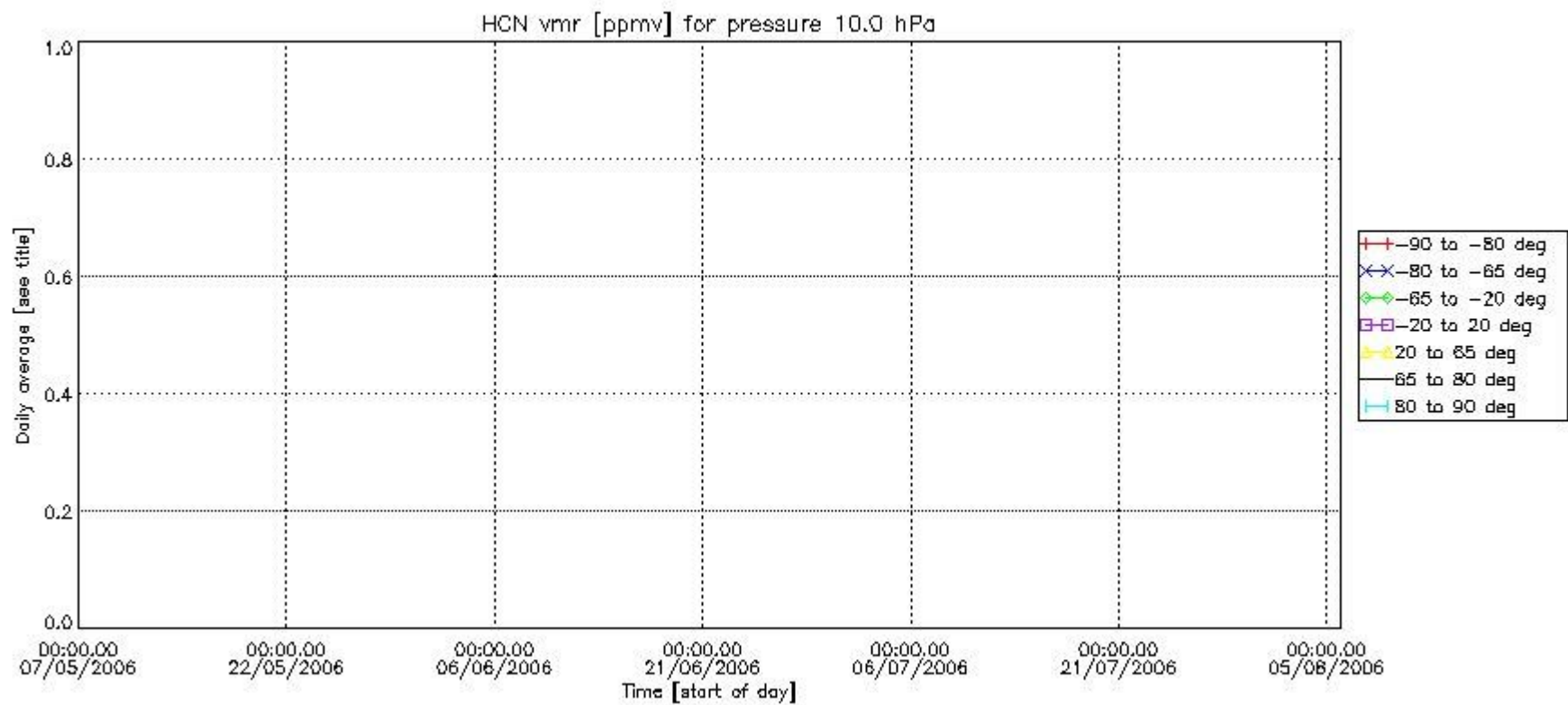


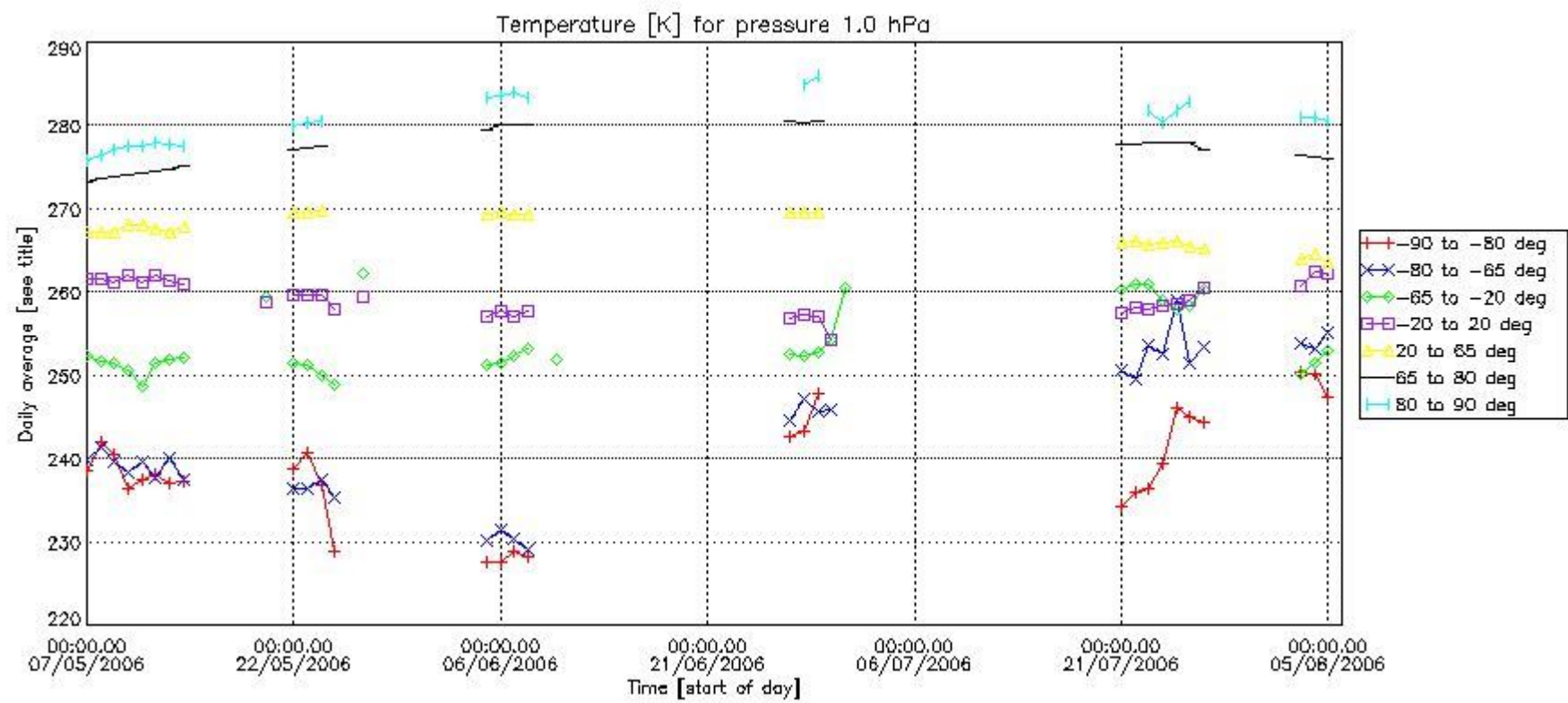
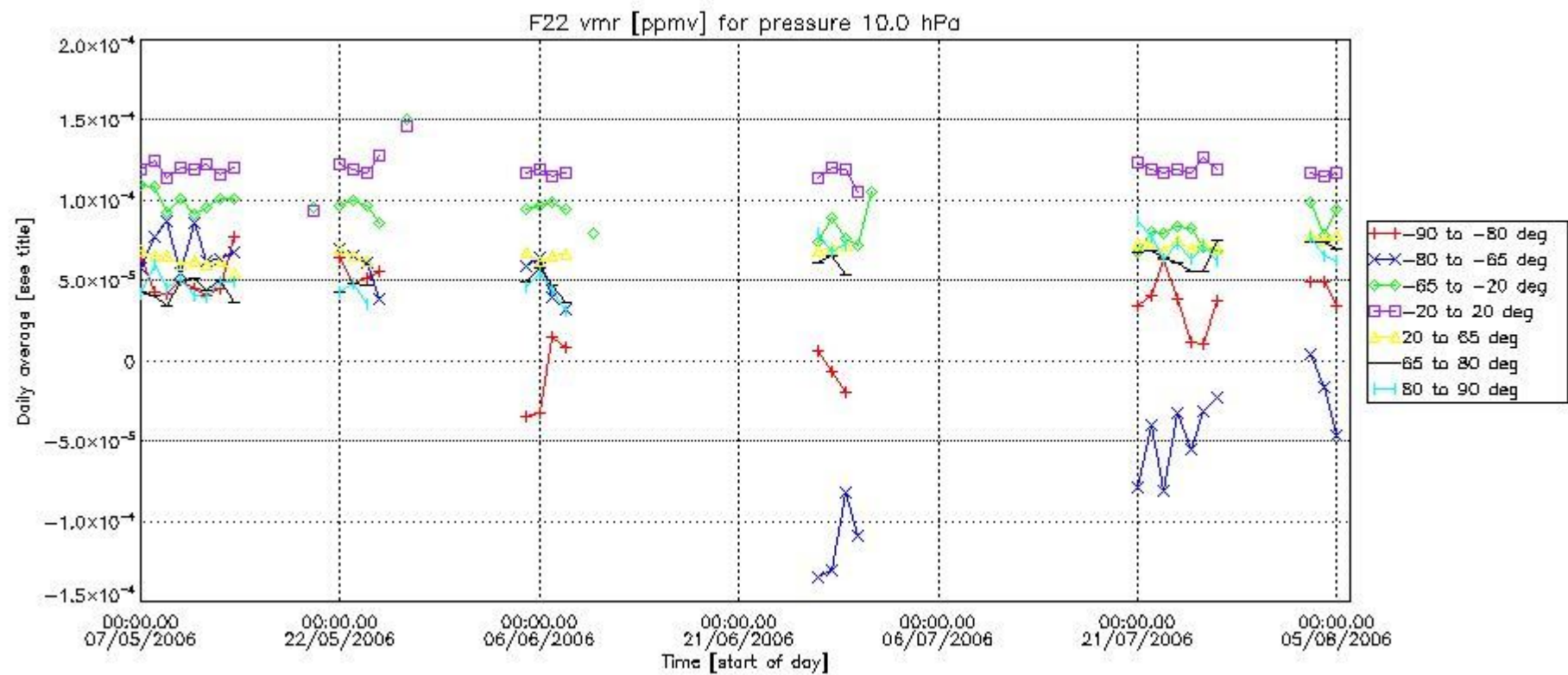


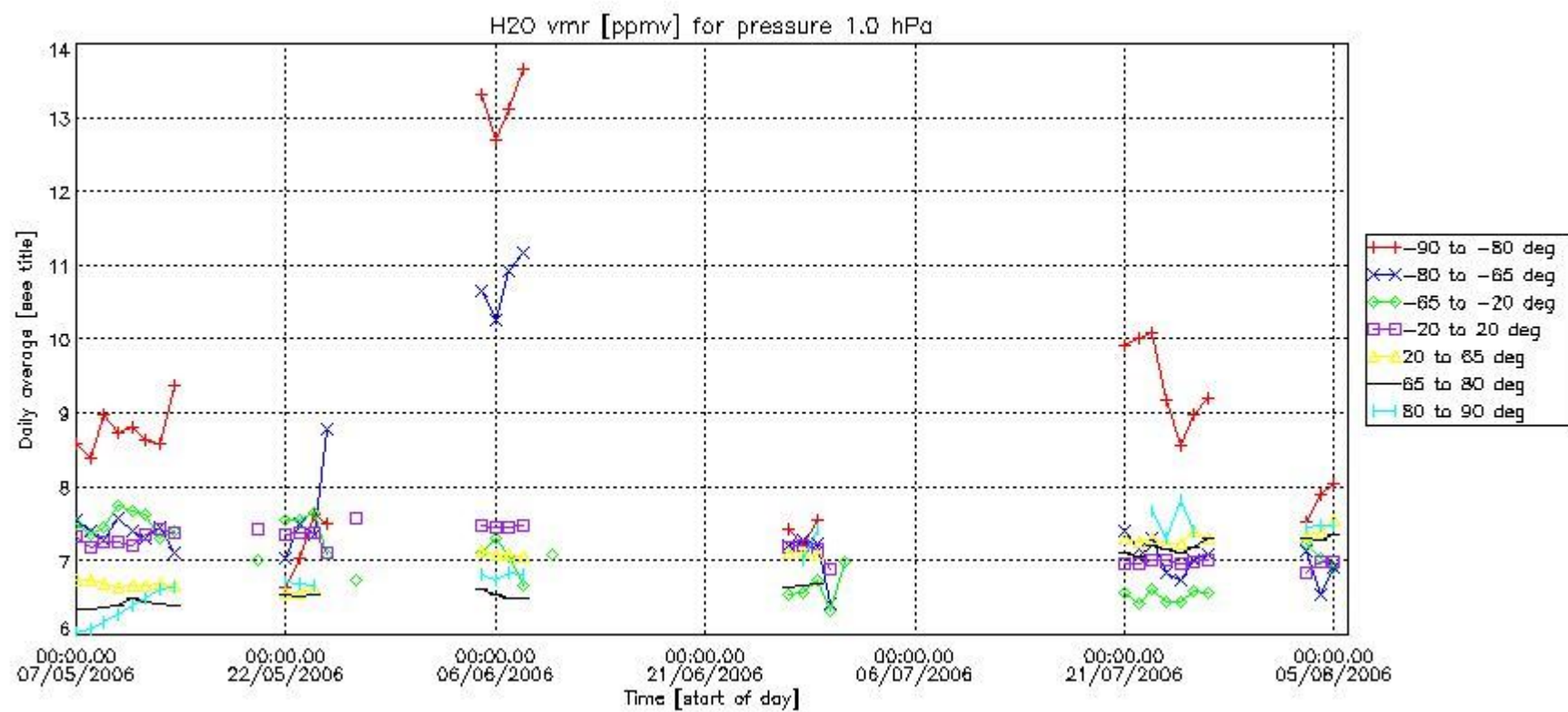
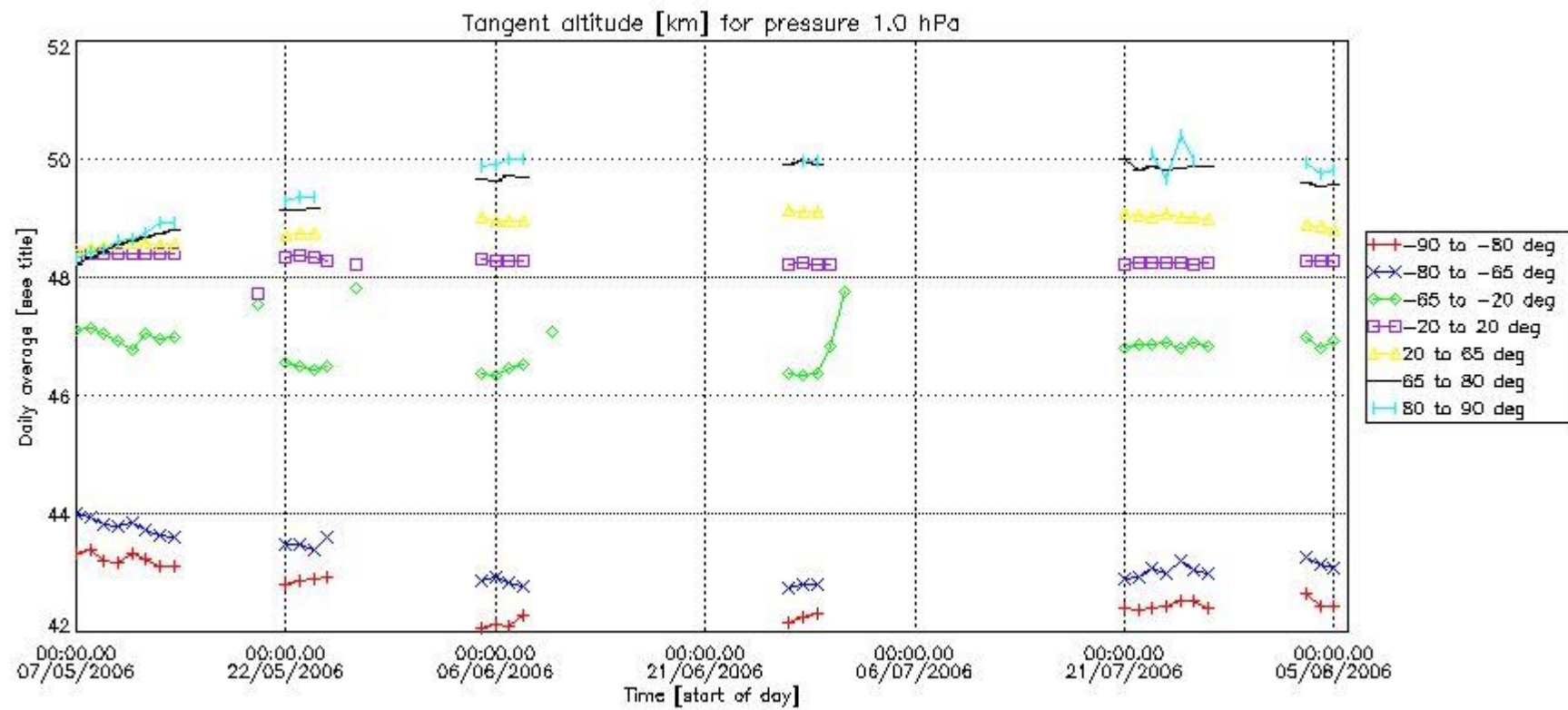


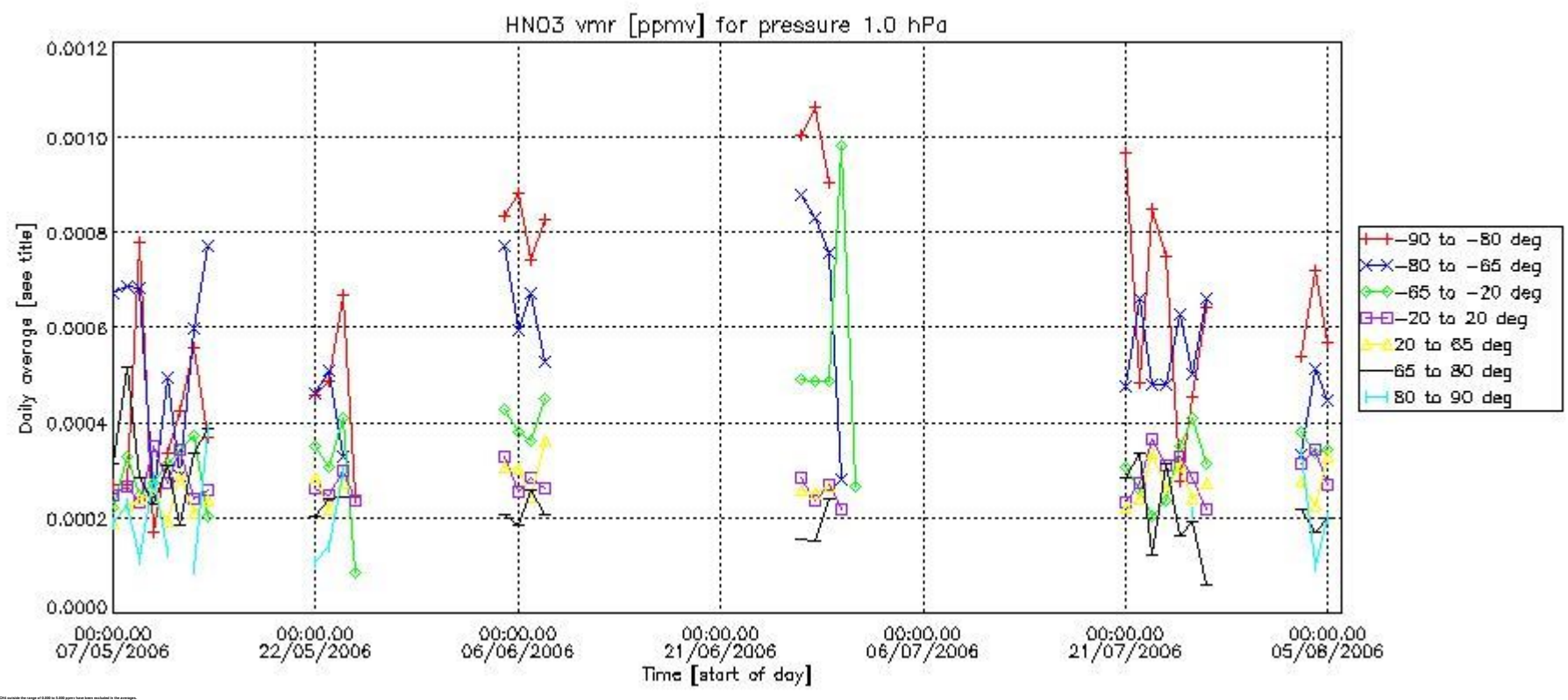
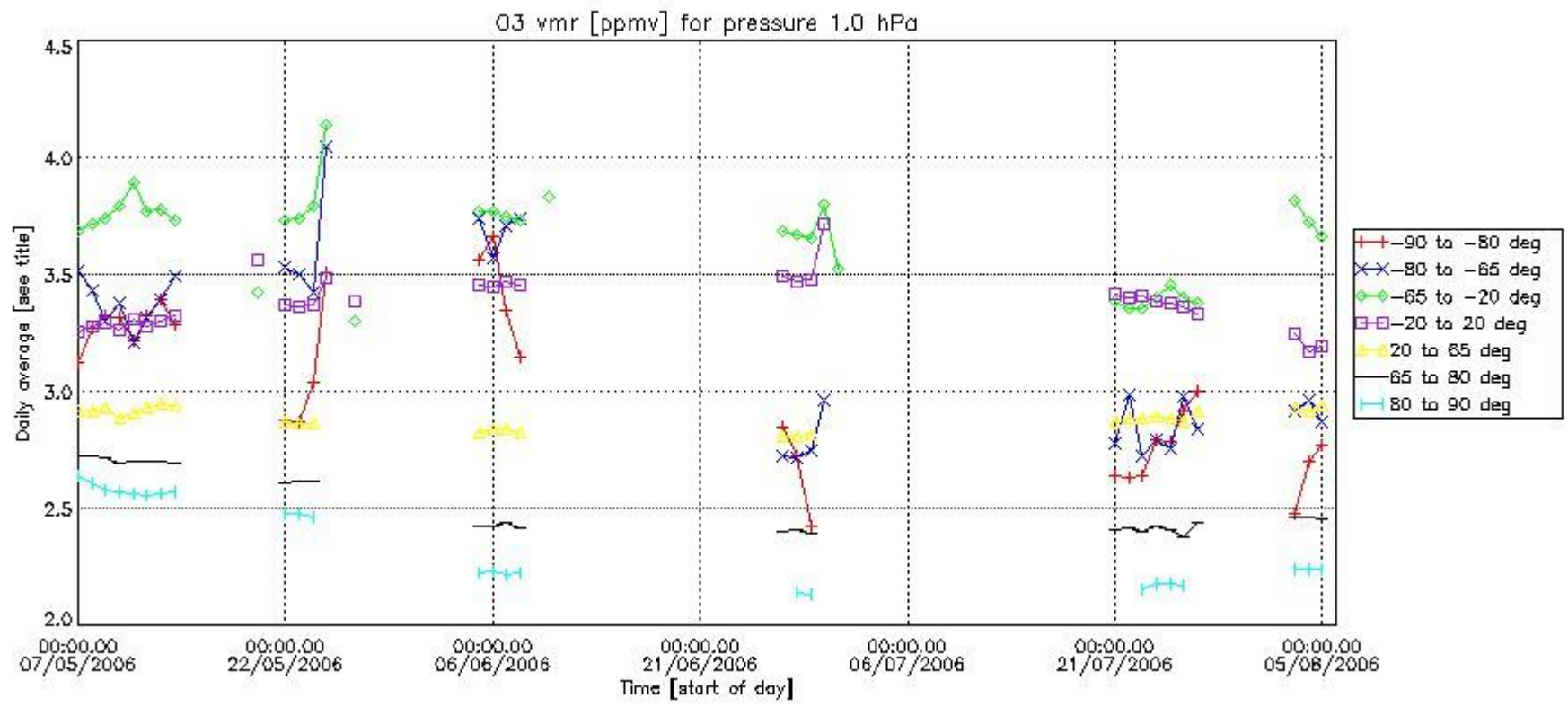


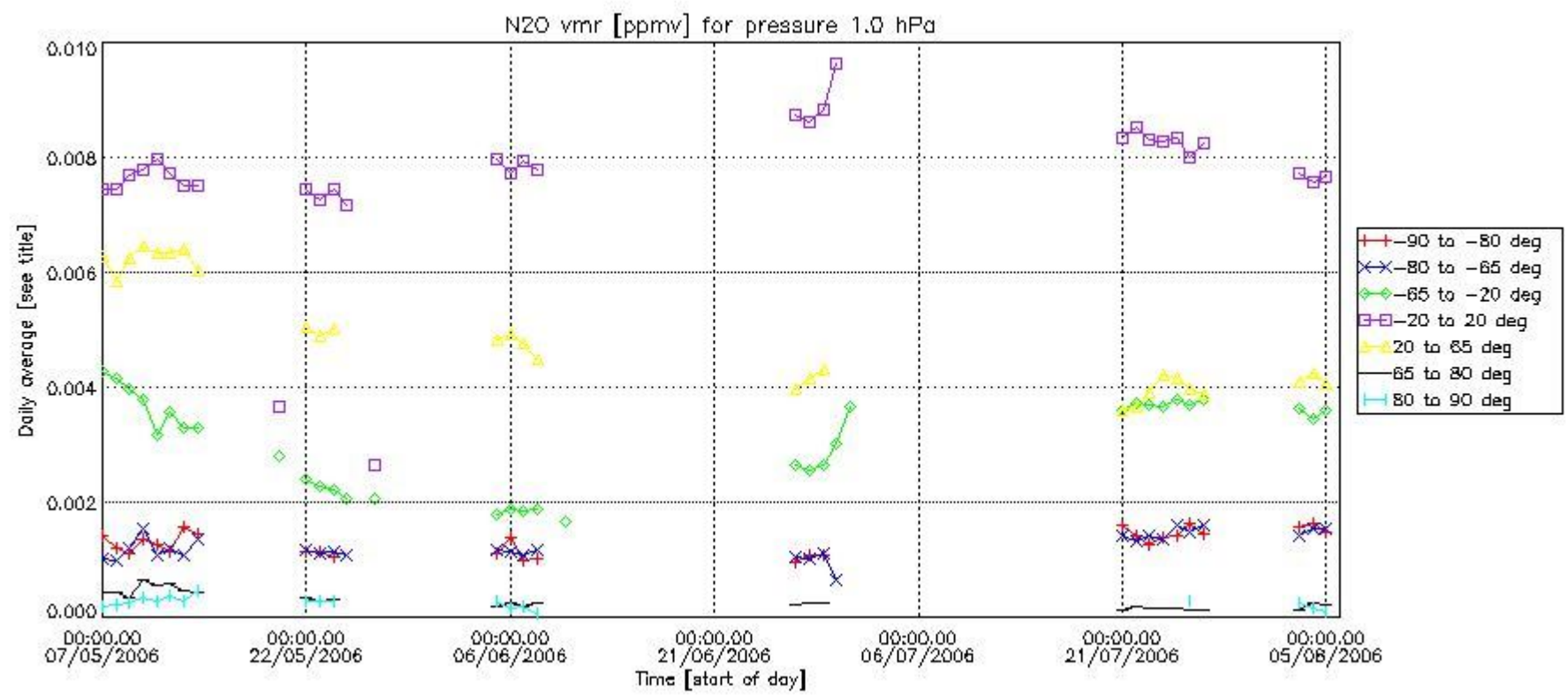
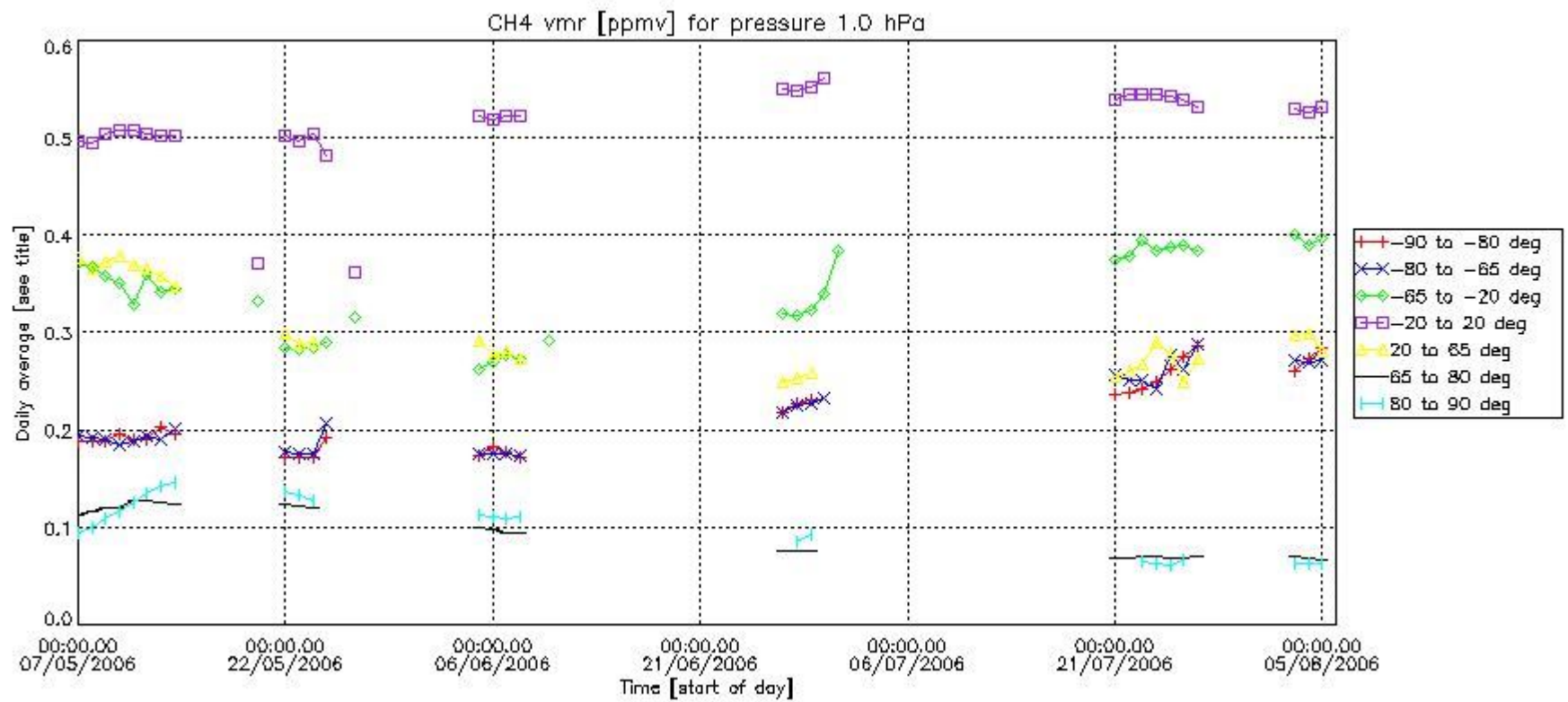


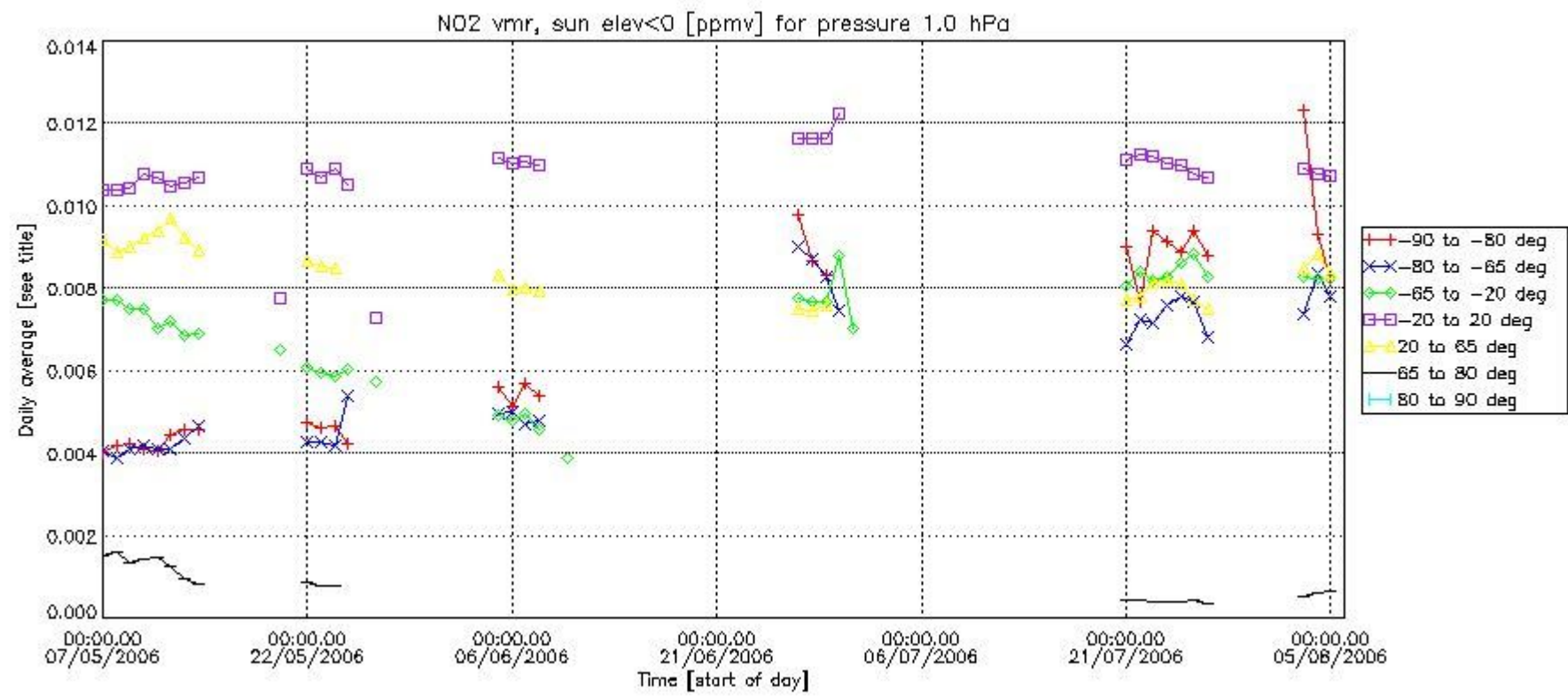
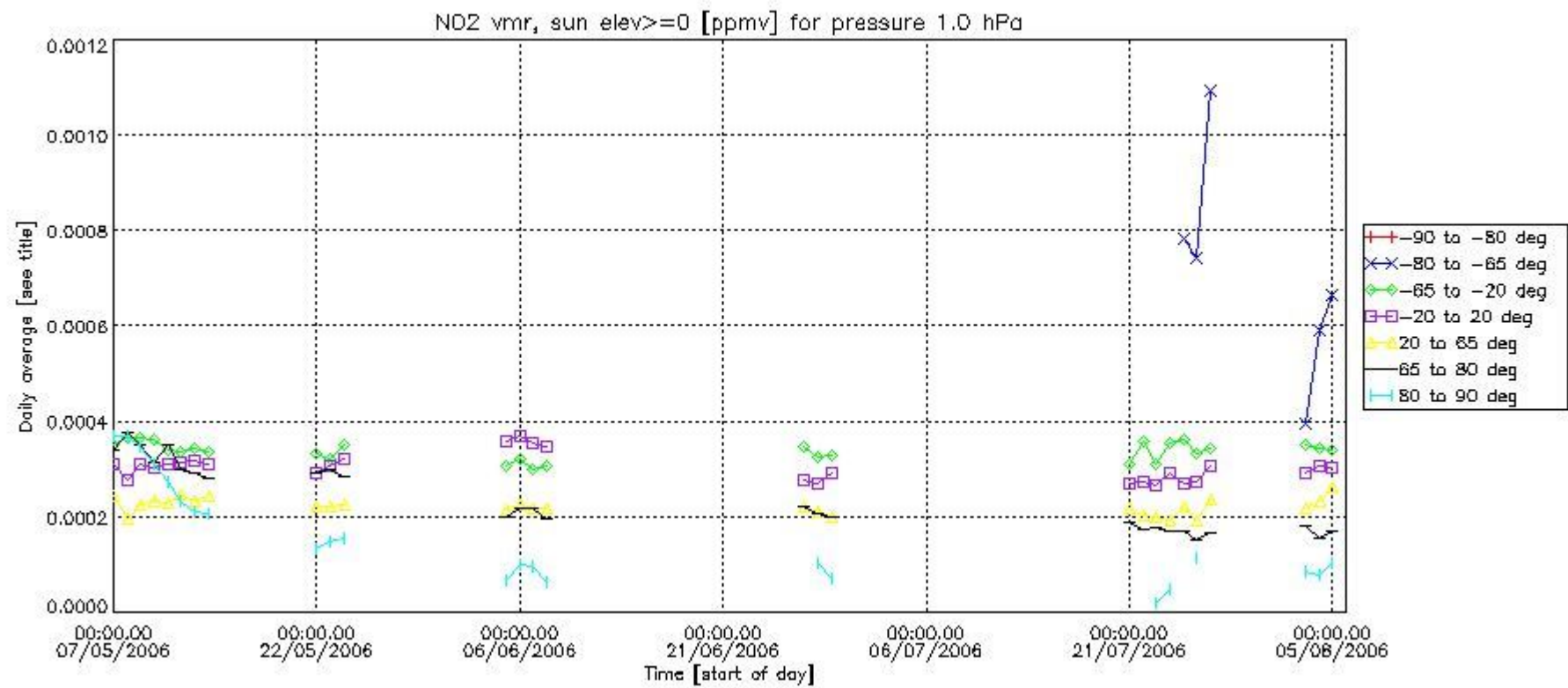




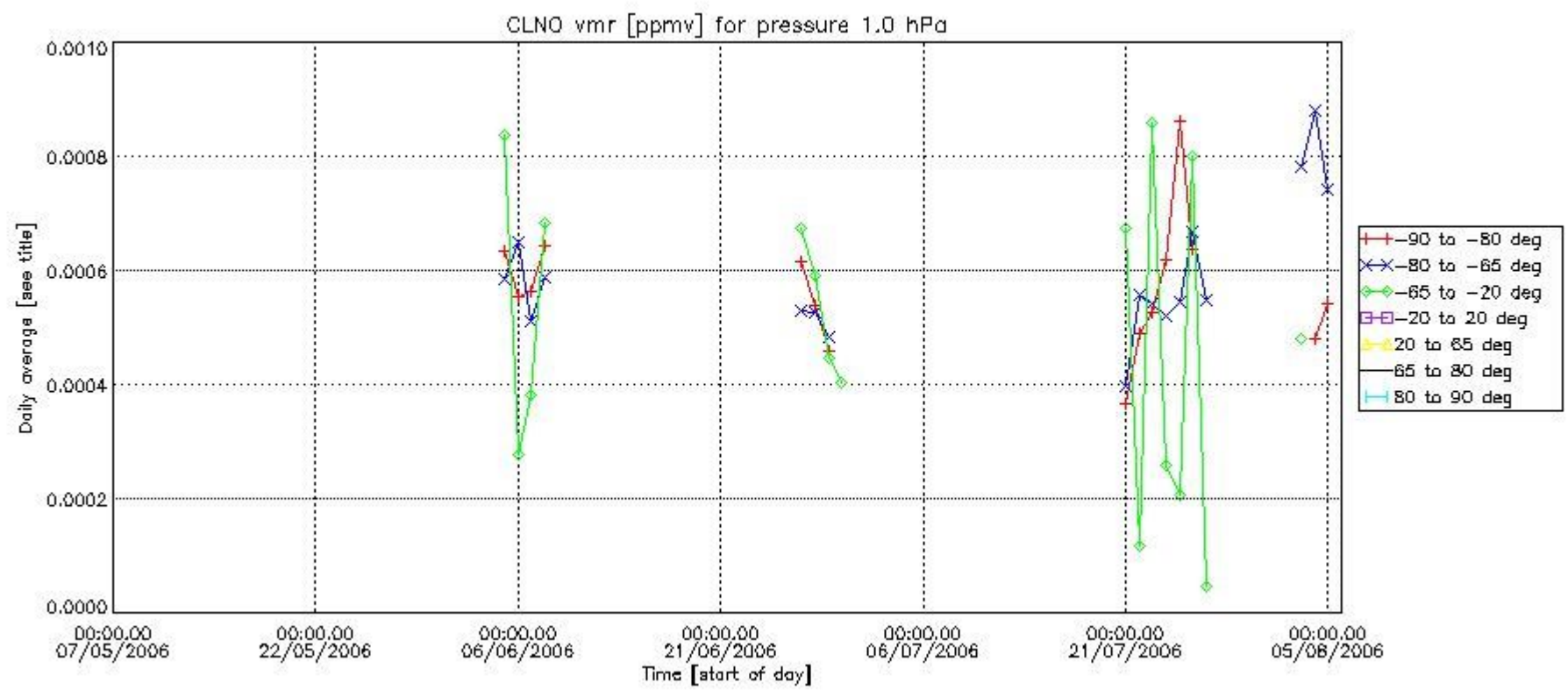
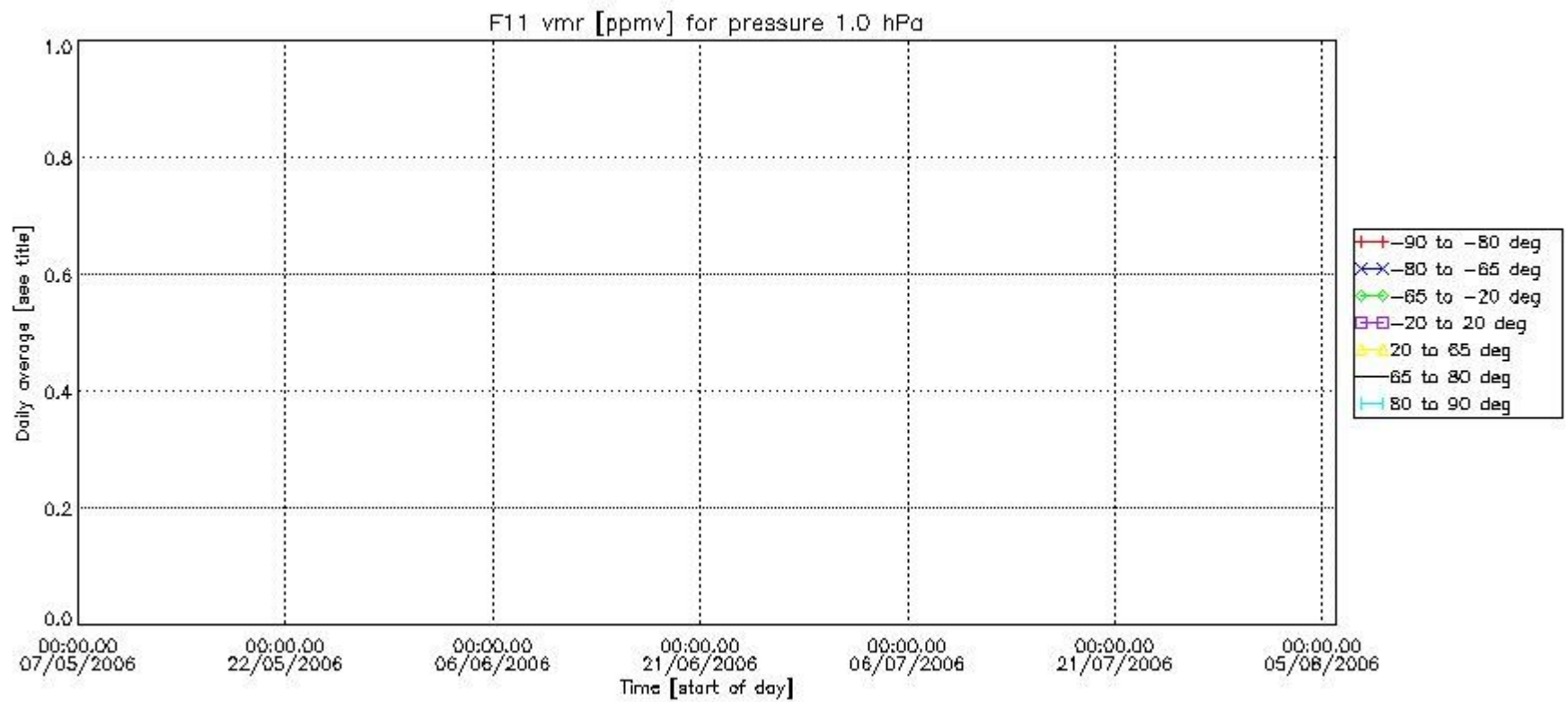


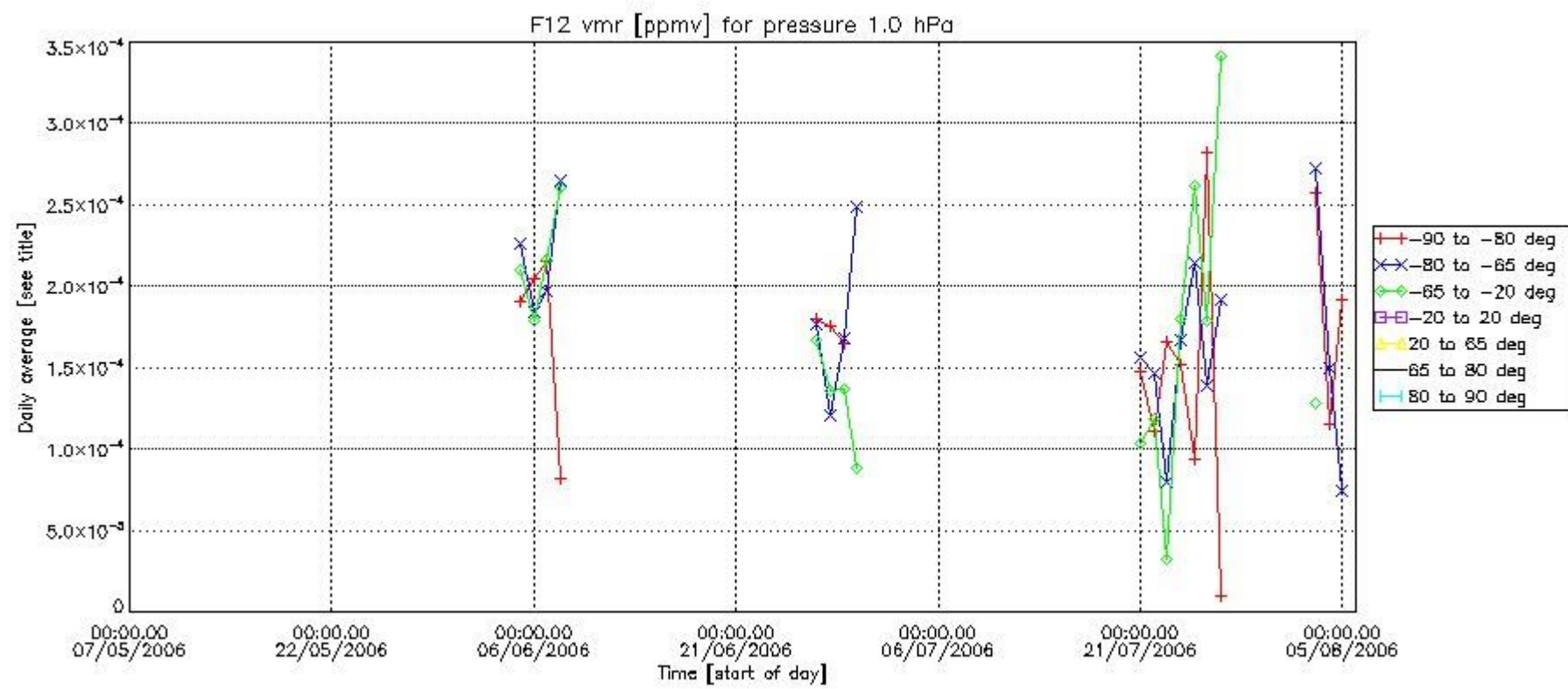
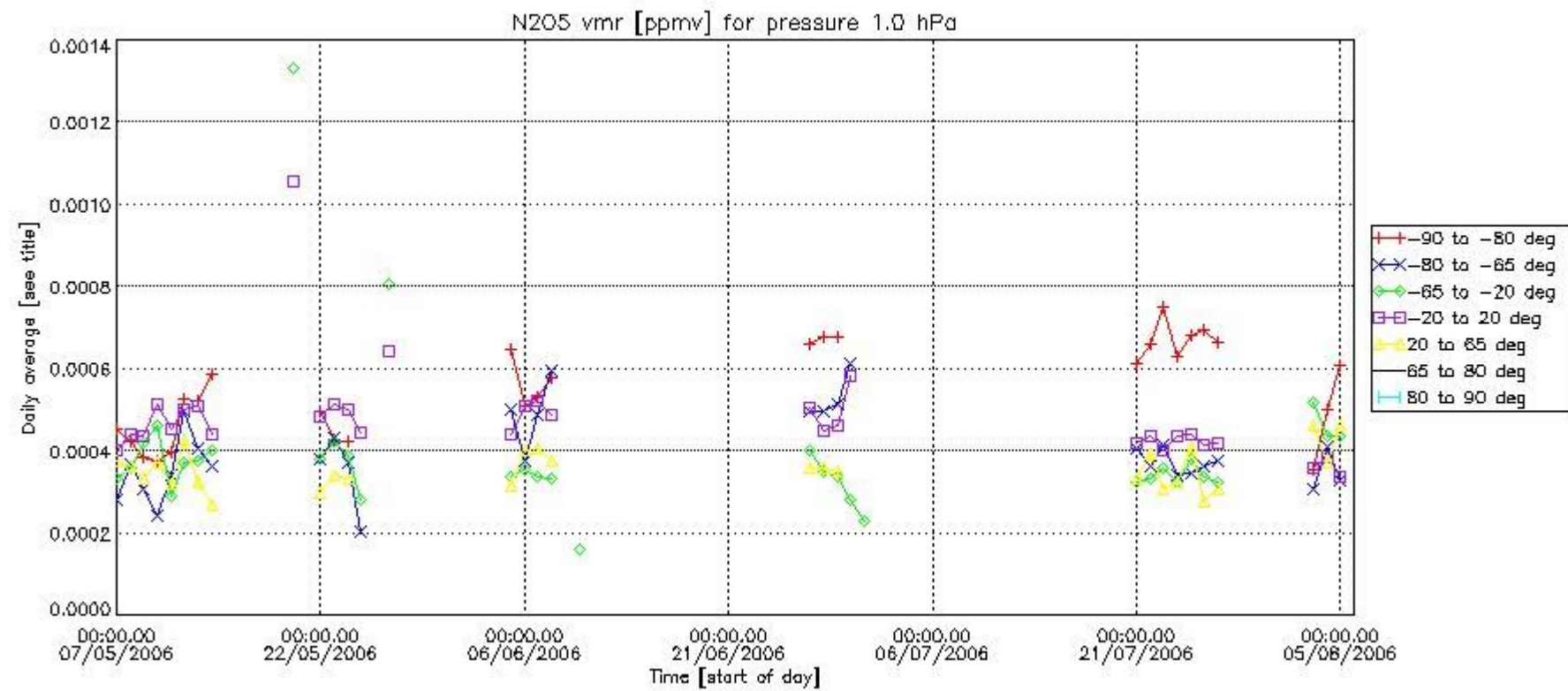


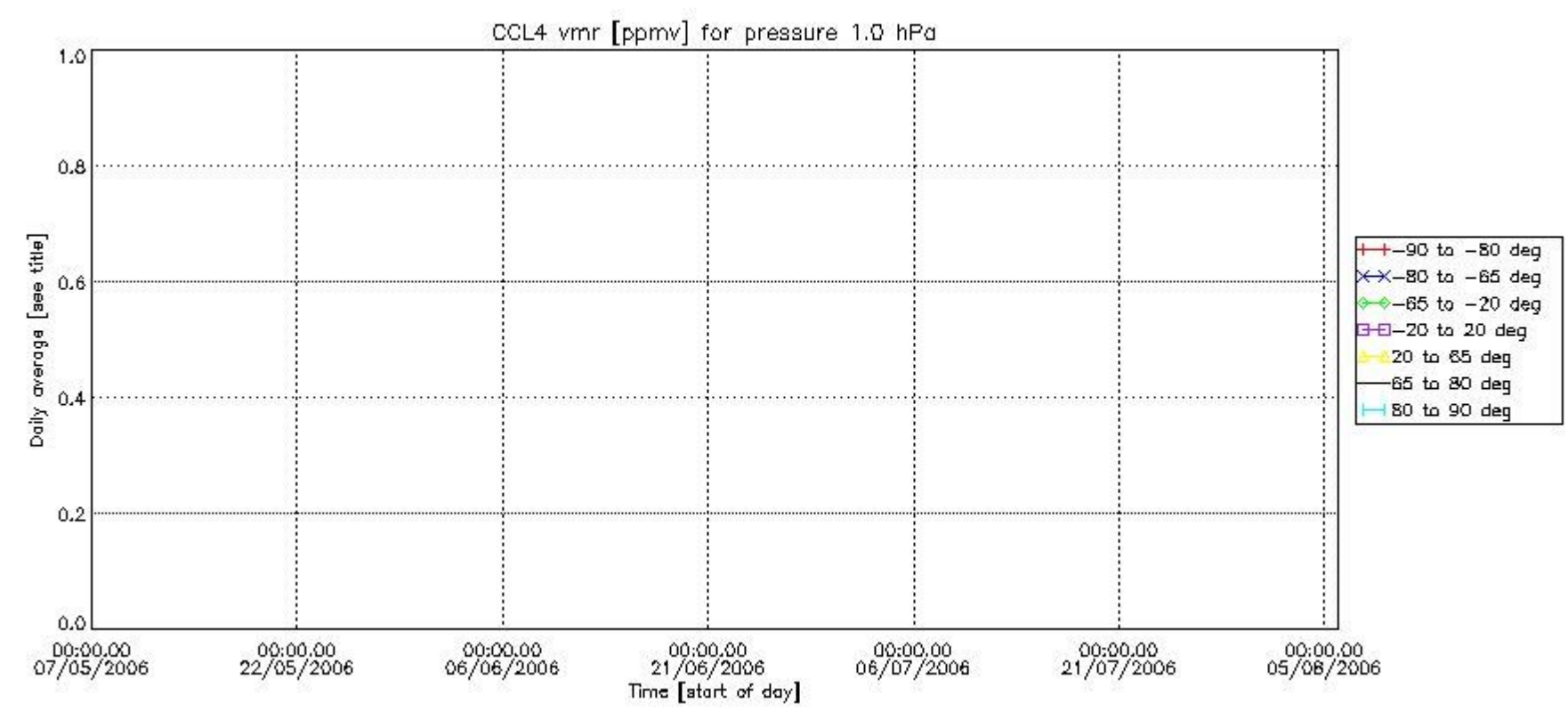
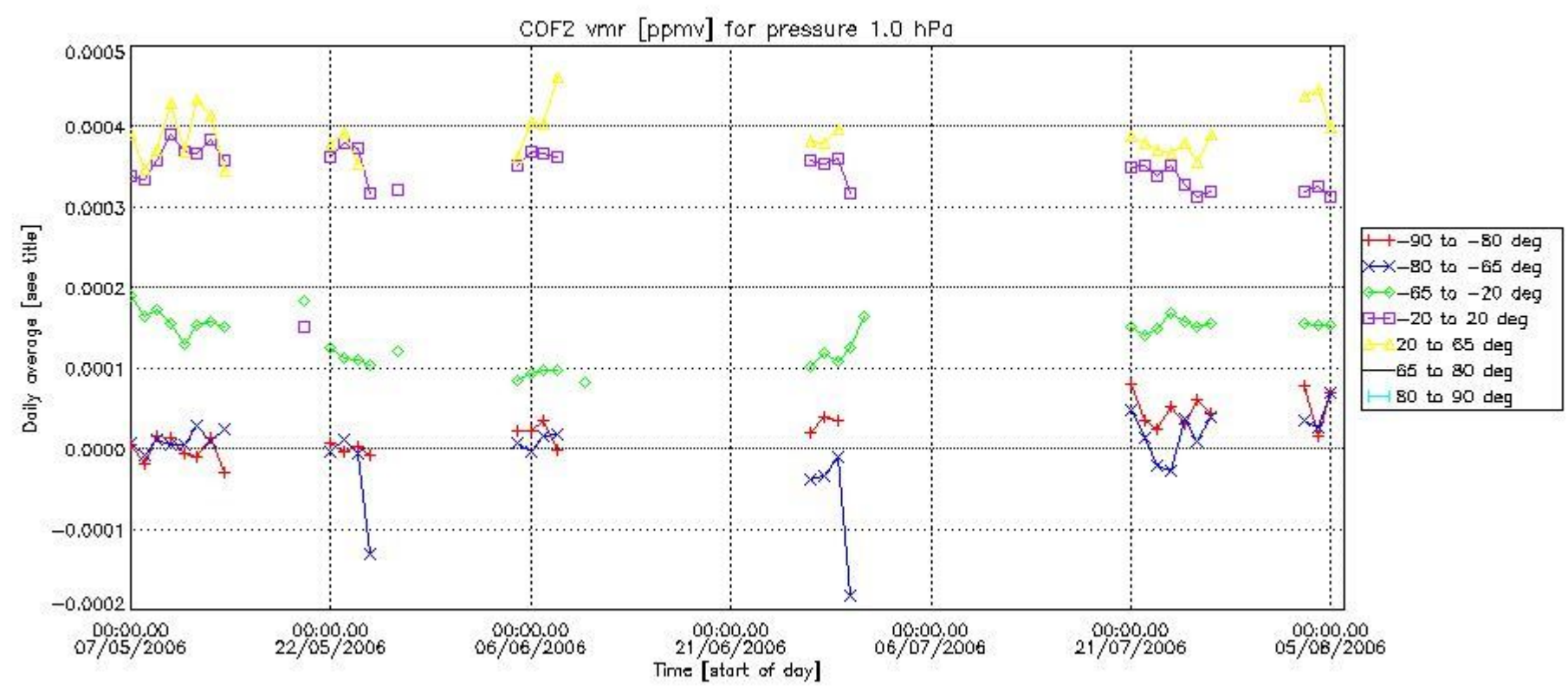


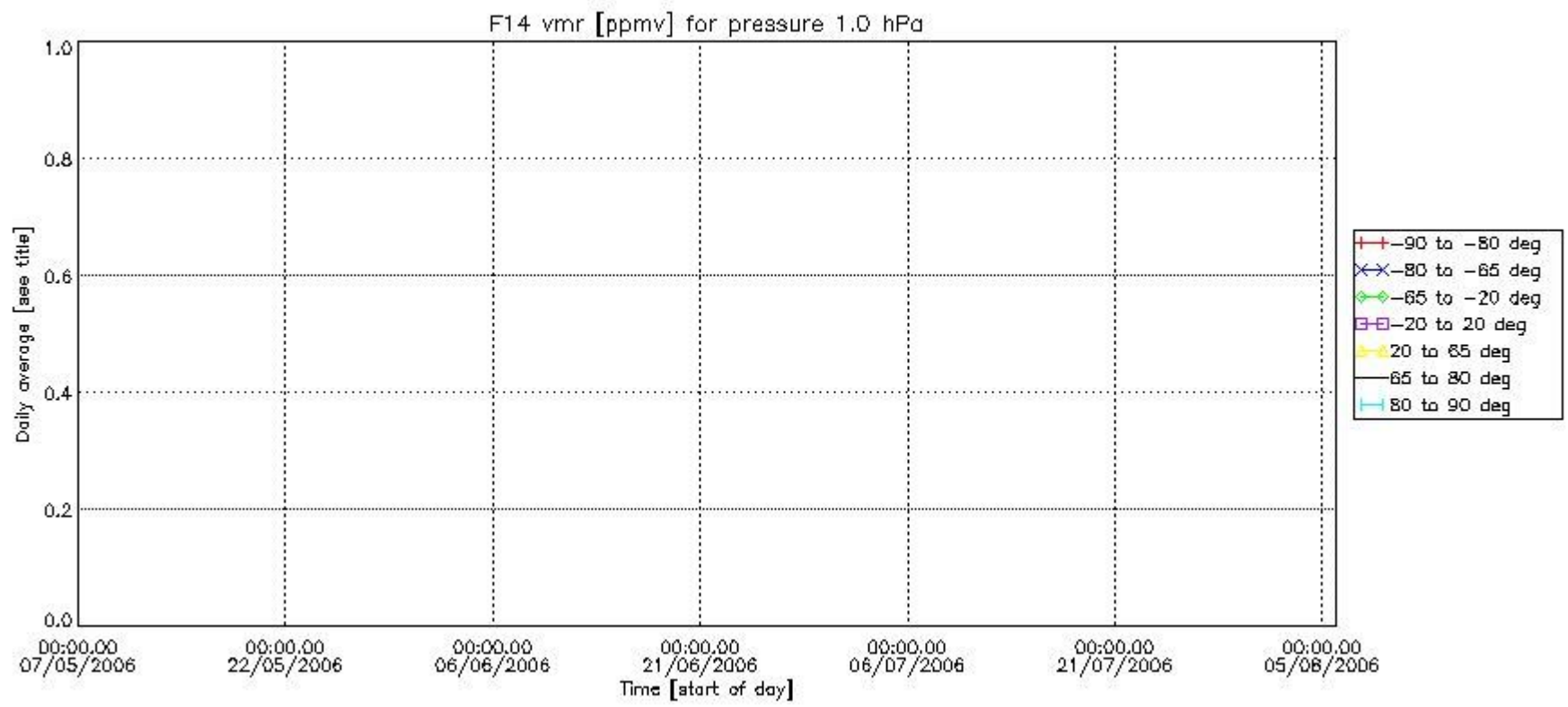
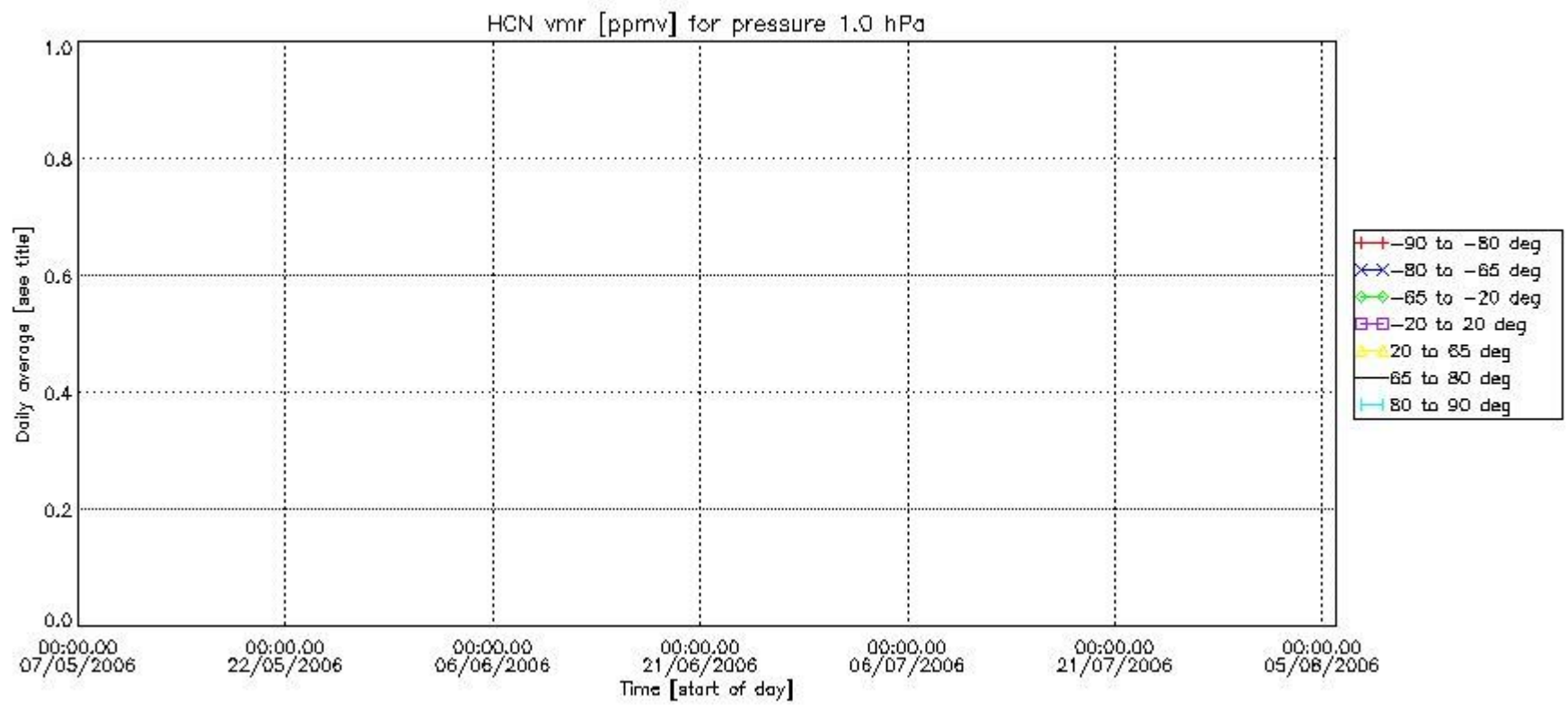


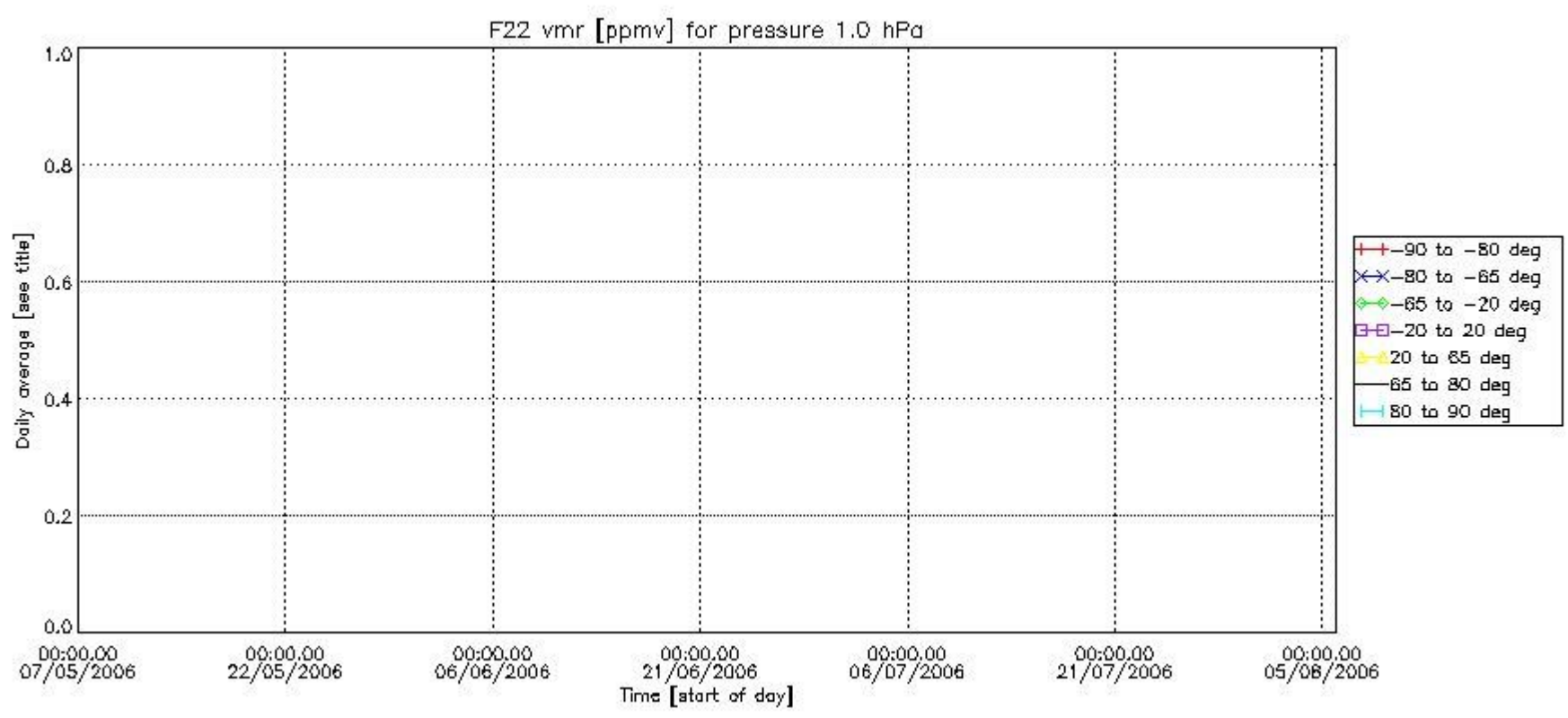












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

