

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060524.html](#) for a detailed report).

2.1. General Info

- [2.1.1 Report summary](#)
- [2.1.2 Summary per product](#)

2.2 Processing performance indicators

- [2.2.1 Successful retrievals](#)
- [2.2.2 Pressure overview](#)
- [2.2.3 Temperature overview](#)
- [2.2.4 Species overview](#)
- [2.2.5 History of daily averages](#)

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 16:25:54
Data source version	ML2PP/7.03-W
Processing scope for products	24MAY2006 00:00:00 to 25MAY2006 00:00:00
Start time of first product within scope	23MAY2006 23:09:18
Stop time of last product within scope	25MAY2006 00:18:10
Total number of level 2 products	15
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.

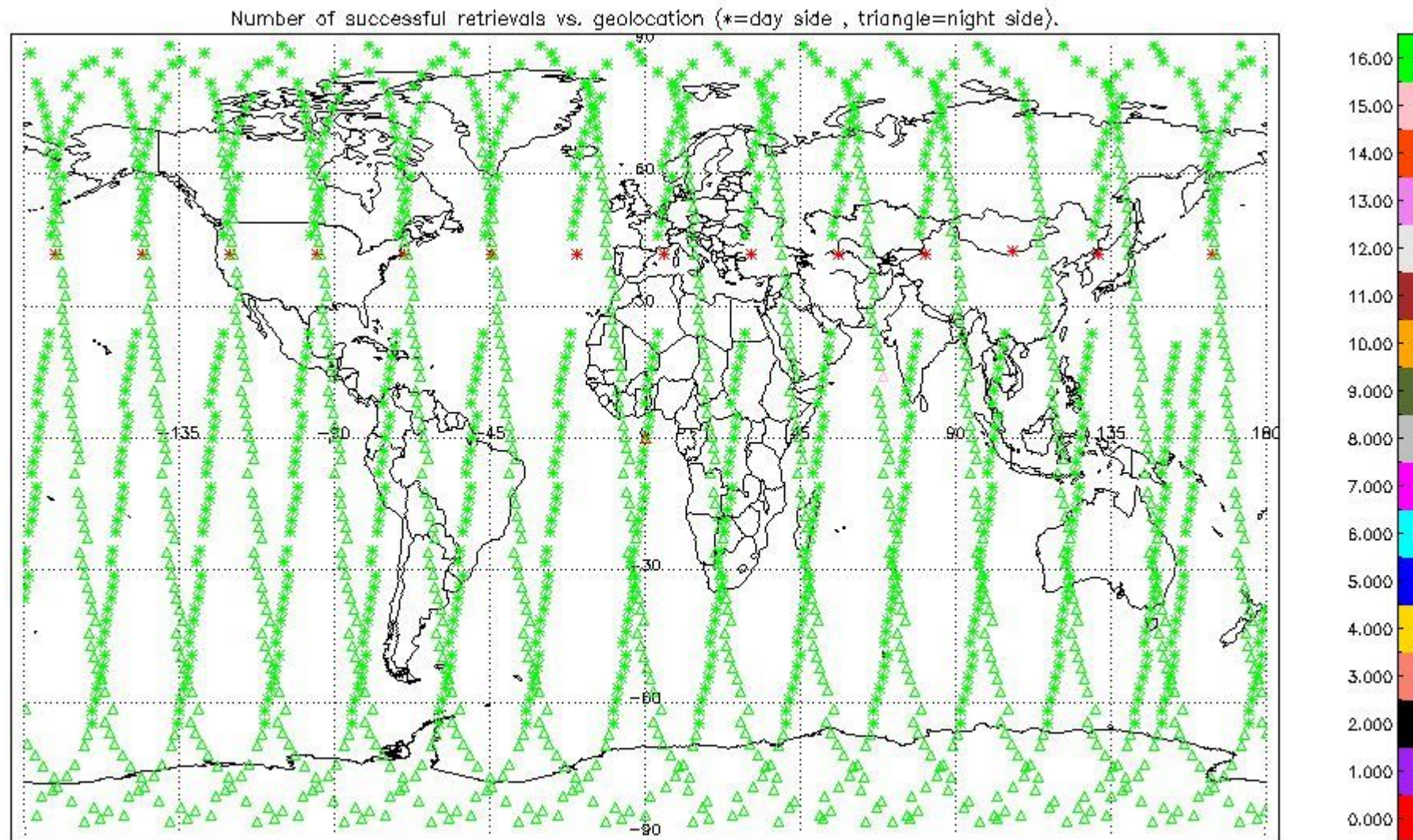
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20060523_230918_000060302048_00016_22114_1000.N1	23MAY2006 23:09:18	24MAY2006 00:49:47	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:1]
1	MIP_NL__2PWDSI20060524_004954_000060302048_00017_22115_1000.N1	24MAY2006 00:49:54	24MAY2006 02:30:23	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
2	MIP_NL__2PWDSI20060524_023030_000060302048_00018_22116_1000.N1	24MAY2006 02:30:30	24MAY2006 04:10:59	0	109/109	VMR_TERM_MACRO_MICRO[HCN/micro:1]
3	MIP_NL__2PWDSI20060524_041105_000060302048_00019_22117_1000.N1	24MAY2006 04:11:05	24MAY2006 05:51:35	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:2; HCN/micro:2]
4	MIP_NL__2PWDSI20060524_055141_000060302048_00020_22118_1000.N1	24MAY2006 05:51:41	24MAY2006 07:32:11	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; O3/micro:1; HCN/micro:1]
5	MIP_NL__2PWDSI20060524_073218_000060302048_00021_22119_1000.N1	24MAY2006 07:32:18	24MAY2006 09:12:47	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1]
6	MIP_NL__2PWDSI20060524_091253_000060302048_00022_22120_1000.N1	24MAY2006 09:12:53	24MAY2006 10:53:23	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:3]
7	MIP_NL__2PWDSI20060524_105329_000060302048_00023_22121_1000.N1	24MAY2006 10:53:29	24MAY2006 12:33:59	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:1]
8	MIP_NL__2PWDSI20060524_123405_000060302048_00024_22122_1000.N1	24MAY2006 12:34:05	24MAY2006 14:14:35	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:1]
9	MIP_NL__2PWDSI20060524_141441_000060302048_00025_22123_1000.N1	24MAY2006 14:14:41	24MAY2006 15:55:11	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:3; HCN/micro:2; F14/micro:1]
10	MIP_NL__2PWDSI20060524_155517_000060302048_00026_22124_1000.N1	24MAY2006 15:55:17	24MAY2006 17:35:47	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:2]
11	MIP_NL__2PWDSI20060524_173553_000060302048_00027_22125_1000.N1	24MAY2006 17:35:53	24MAY2006 19:16:23	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:2]
12	MIP_NL__2PWDSI20060524_191629_000060302048_00028_22126_1000.N1	24MAY2006 19:16:29	24MAY2006 20:56:59	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
13	MIP_NL__2PWDSI20060524_205705_000060302048_00029_22127_1000.N1	24MAY2006 20:57:05	24MAY2006 22:37:35	0	128/128	
14	MIP_NL__2PWDSI20060524_223741_000060302048_00030_22128_1000.N1	24MAY2006 22:37:41	25MAY2006 00:18:10	0	128/128	VMR_TERM_MACRO_MICRO[CH4/micro:1; HCN/micro:3]

2.2 Processing performance indicators

2.2.1 Successful retrievals

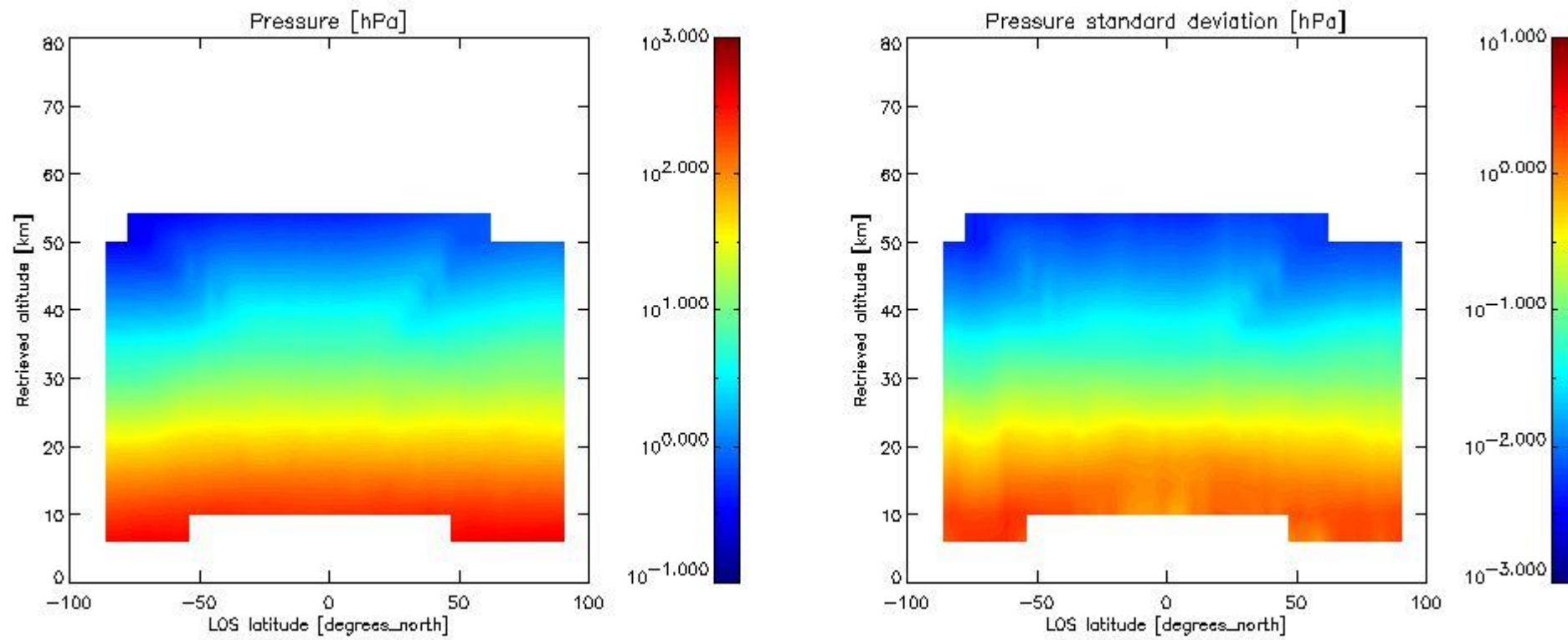
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1901	1787	94.003
H2O	1901	1787	94.003
O3	1901	1787	94.003
HNO3	1901	1787	94.003
CH4	1901	1787	94.003
N2O	1901	1787	94.003
NO2	1901	1787	94.003
F11	1901	1787	94.003
CLNO	1901	1787	94.003
N2O5	1901	1787	94.003
F12	1901	1786	93.951
COF2	1901	1787	94.003
CCL4	1901	1787	94.003
HCN	1901	1787	94.003
F14	1901	1787	94.003
F22	1901	1787	94.003



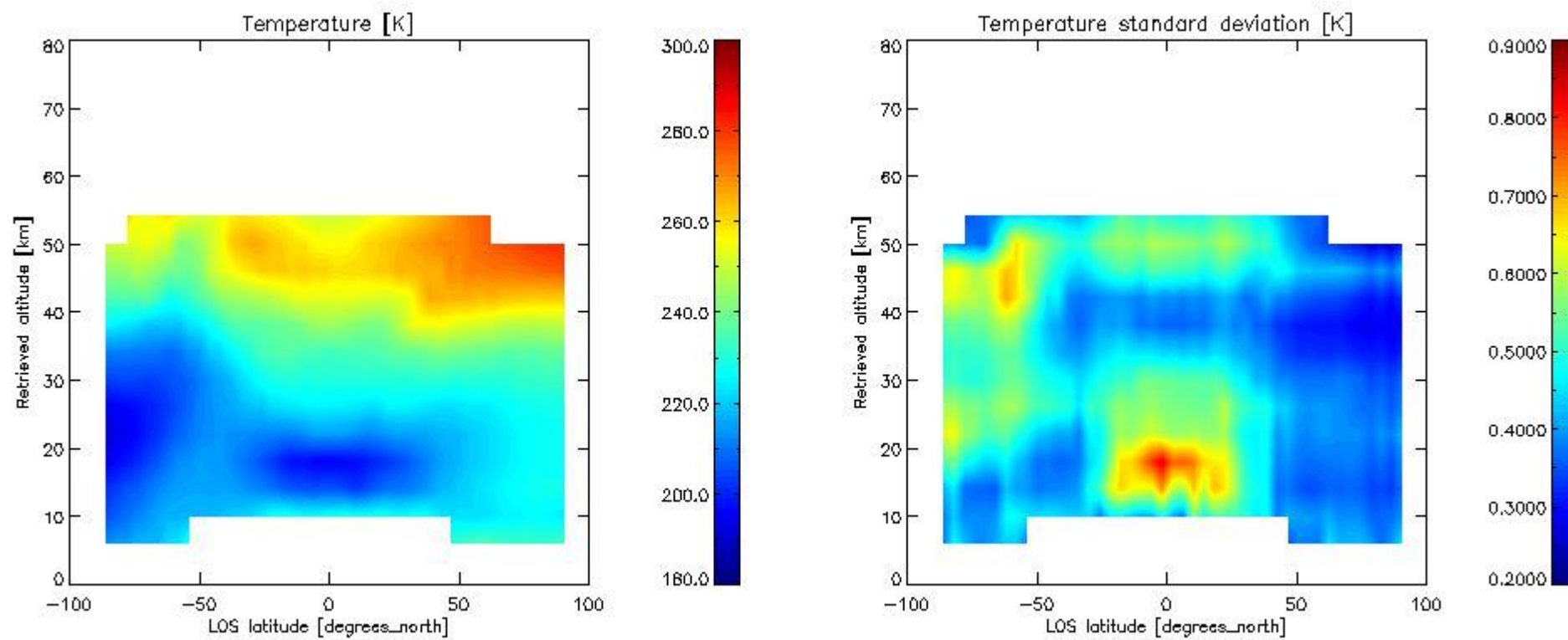
2.2.2 Pressure overview

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



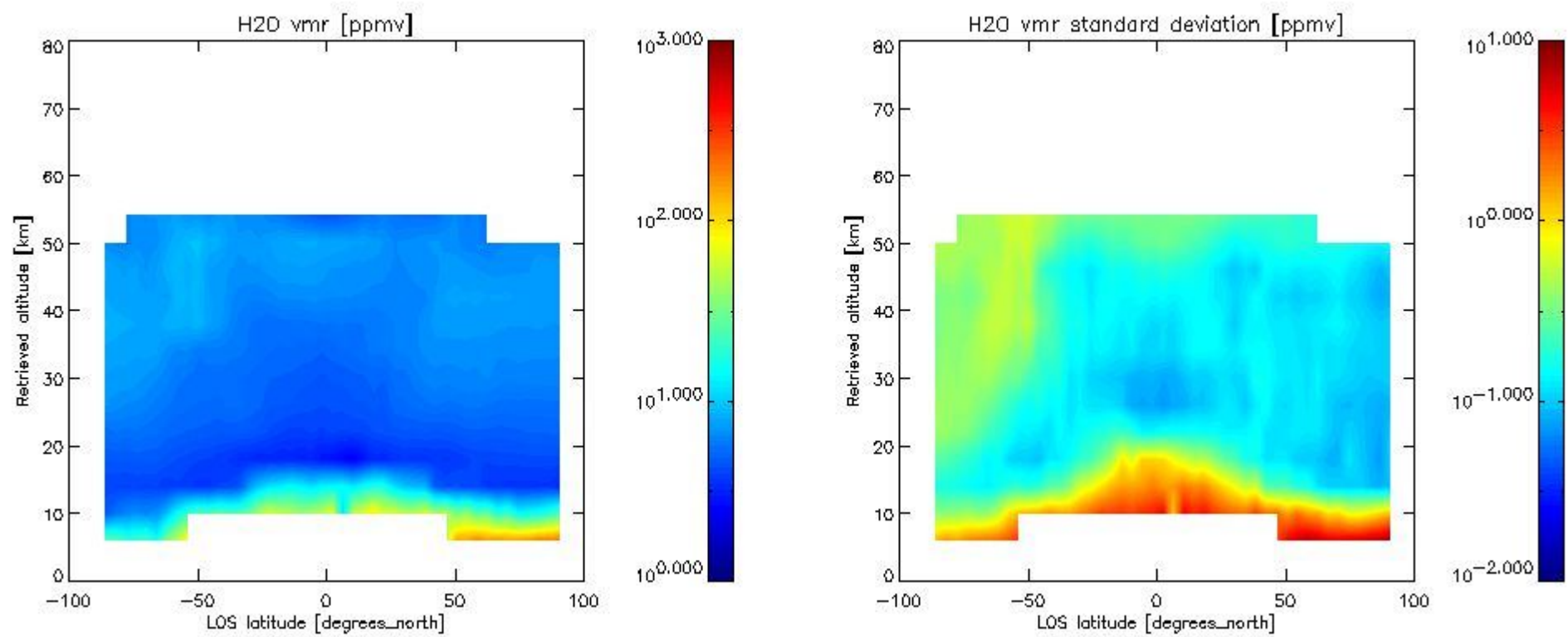
2.2.3 Temperature overview

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

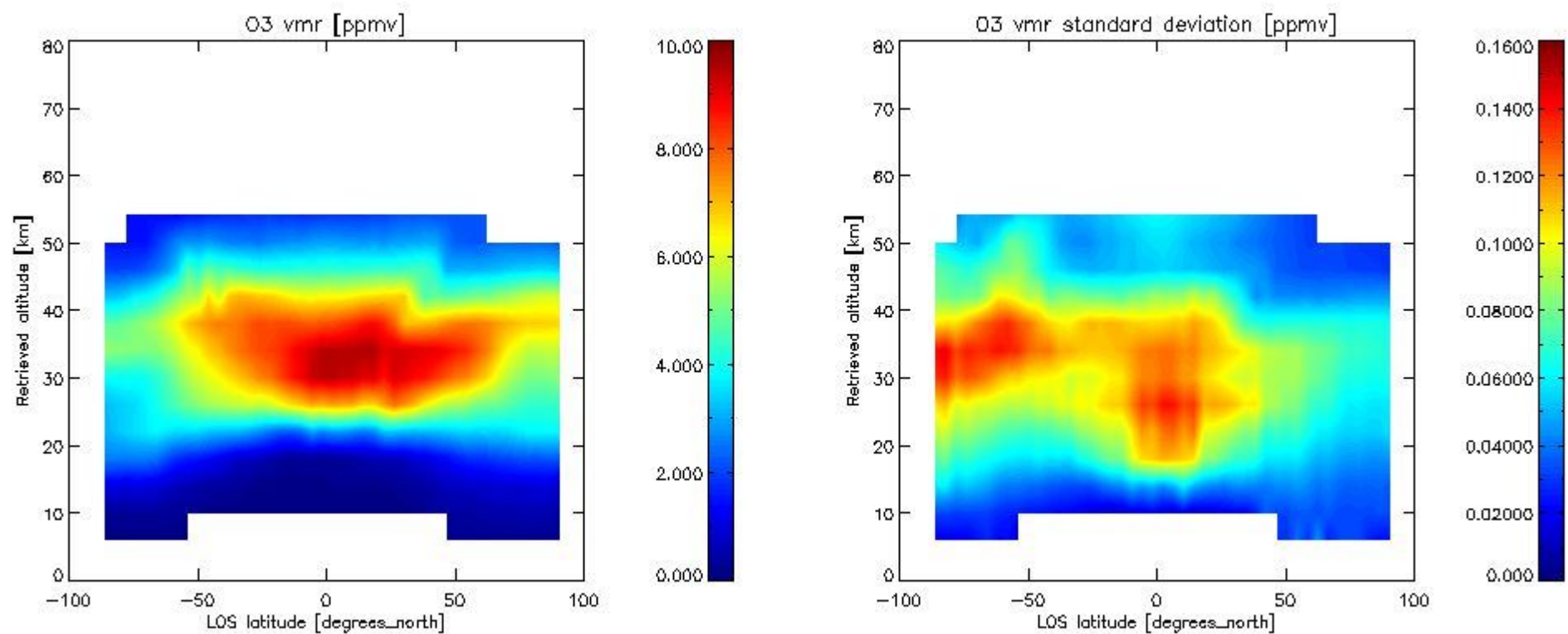


2.2.4 Species overview

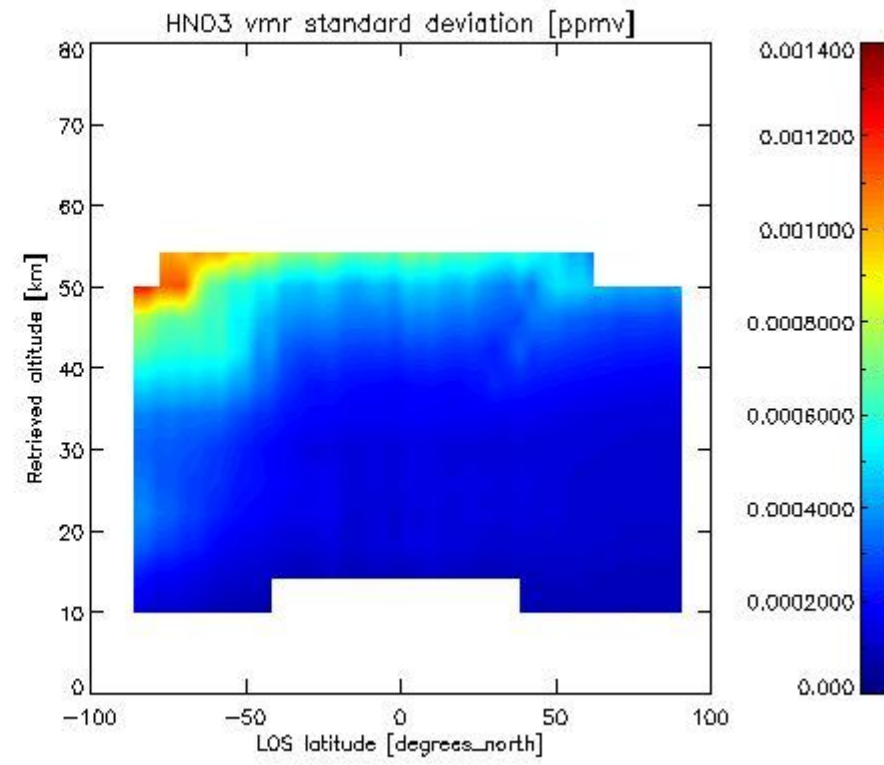
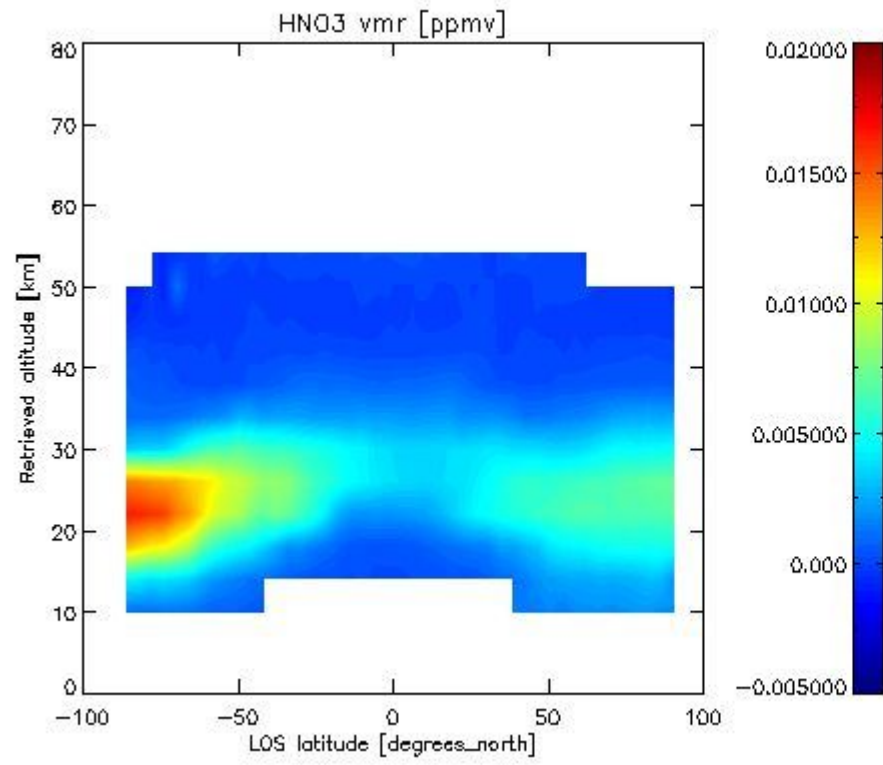
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



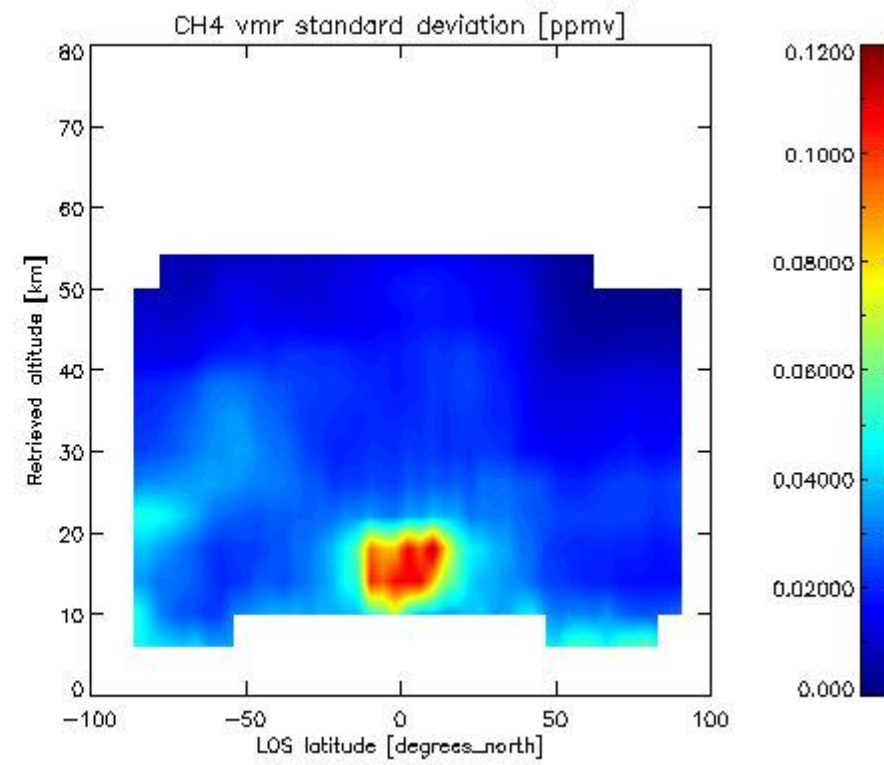
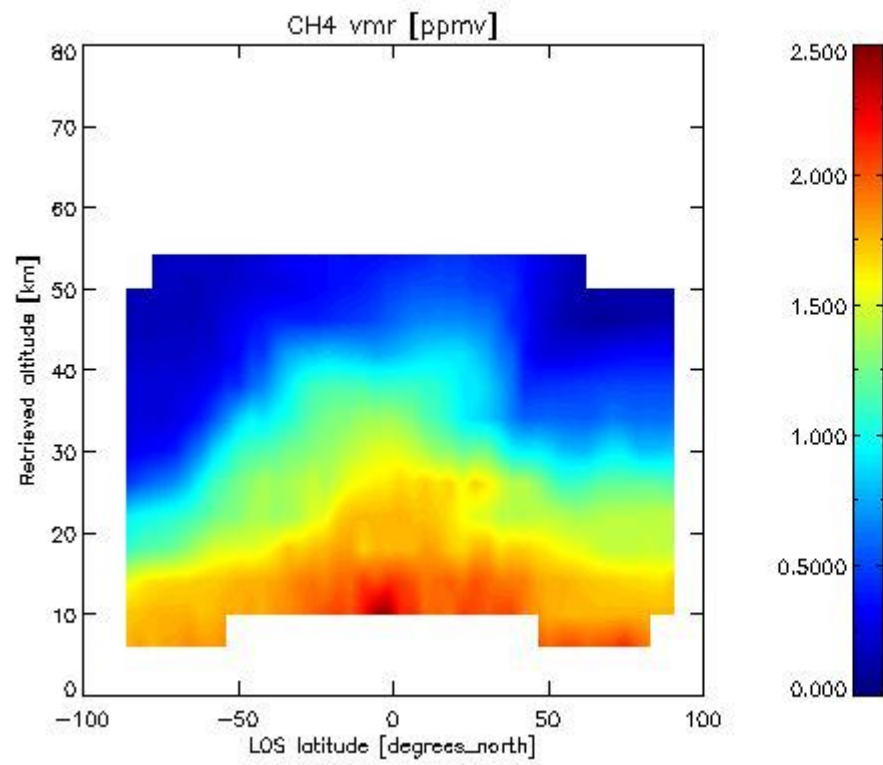
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



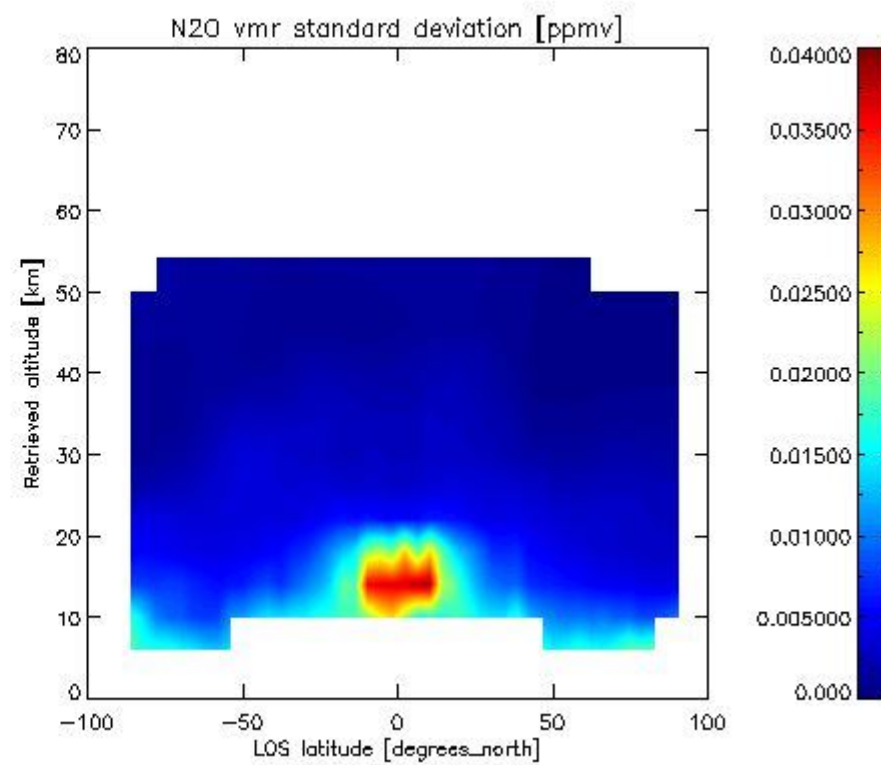
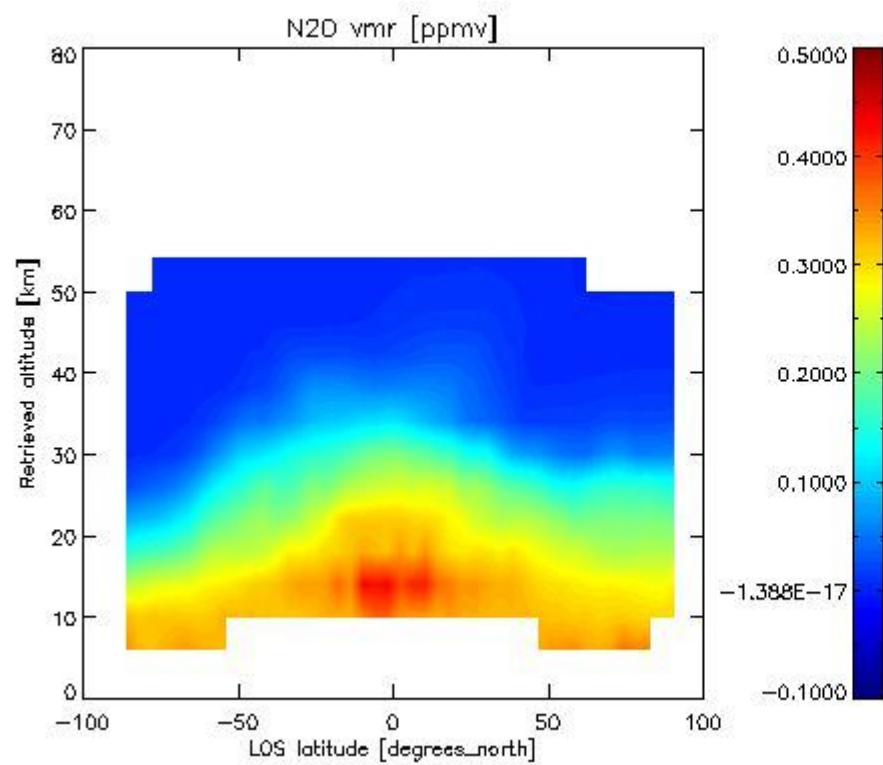
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



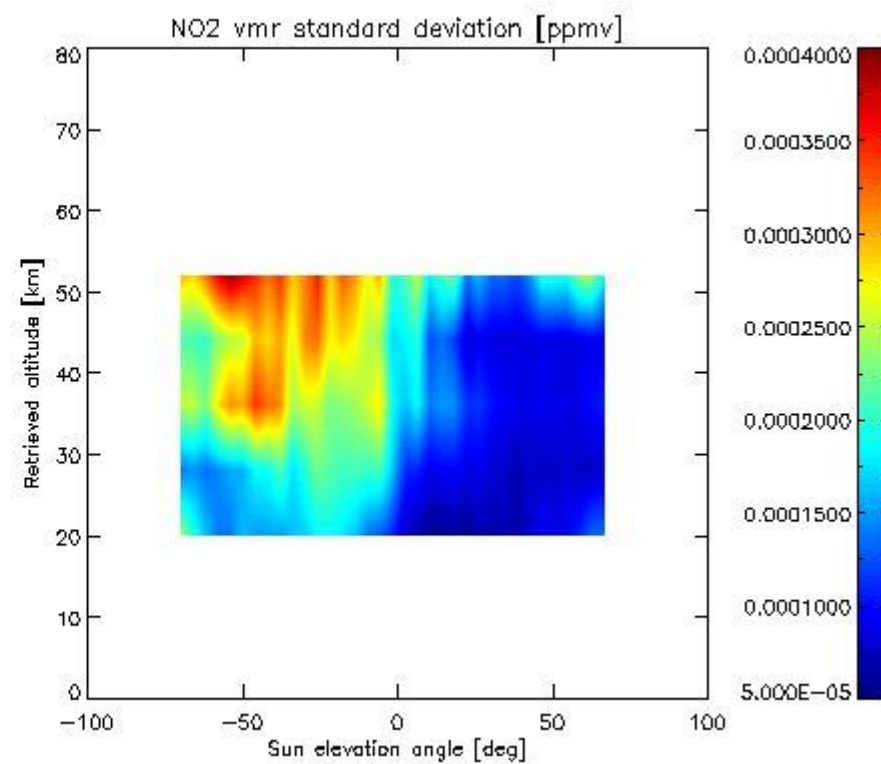
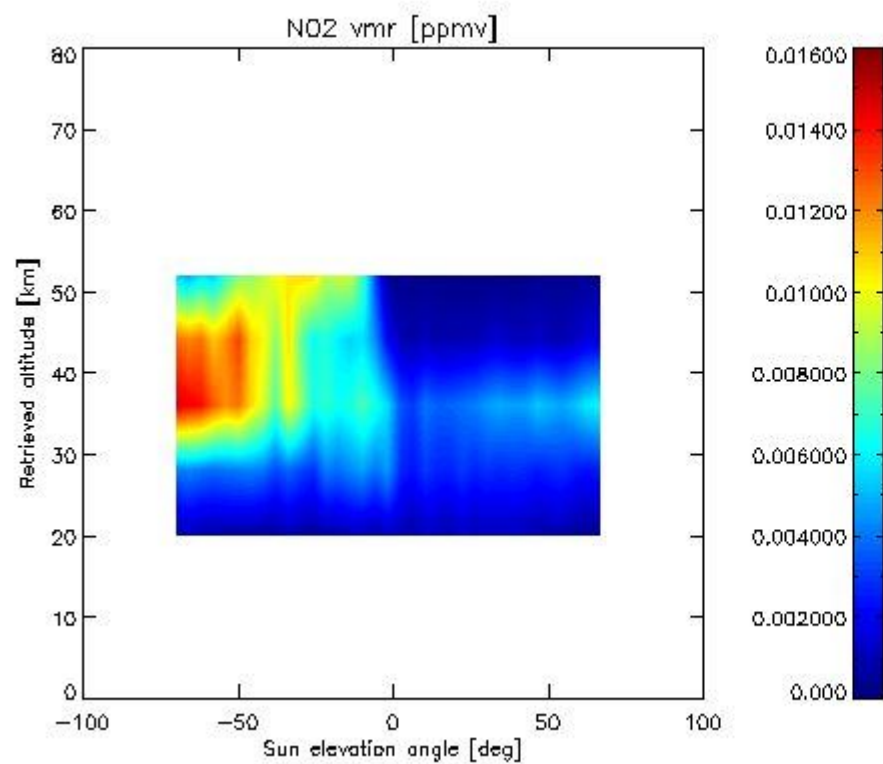
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



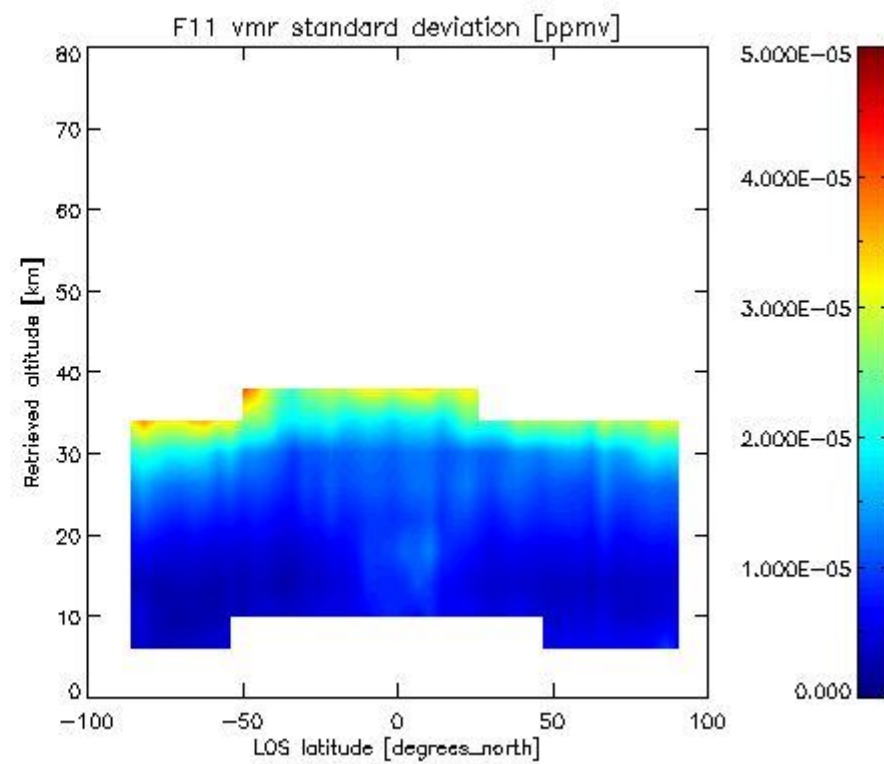
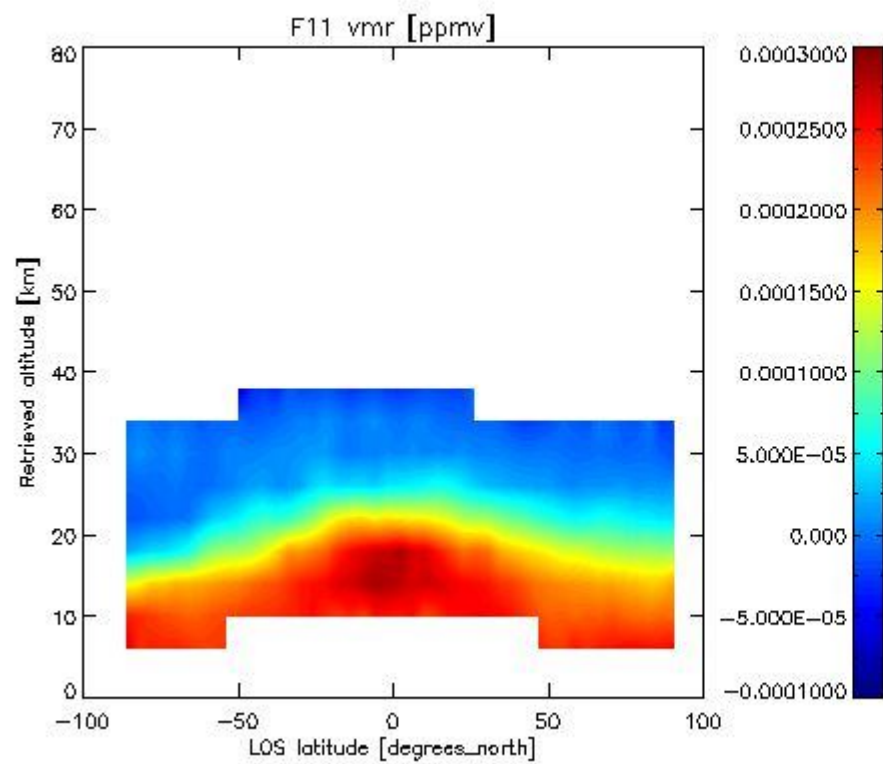
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



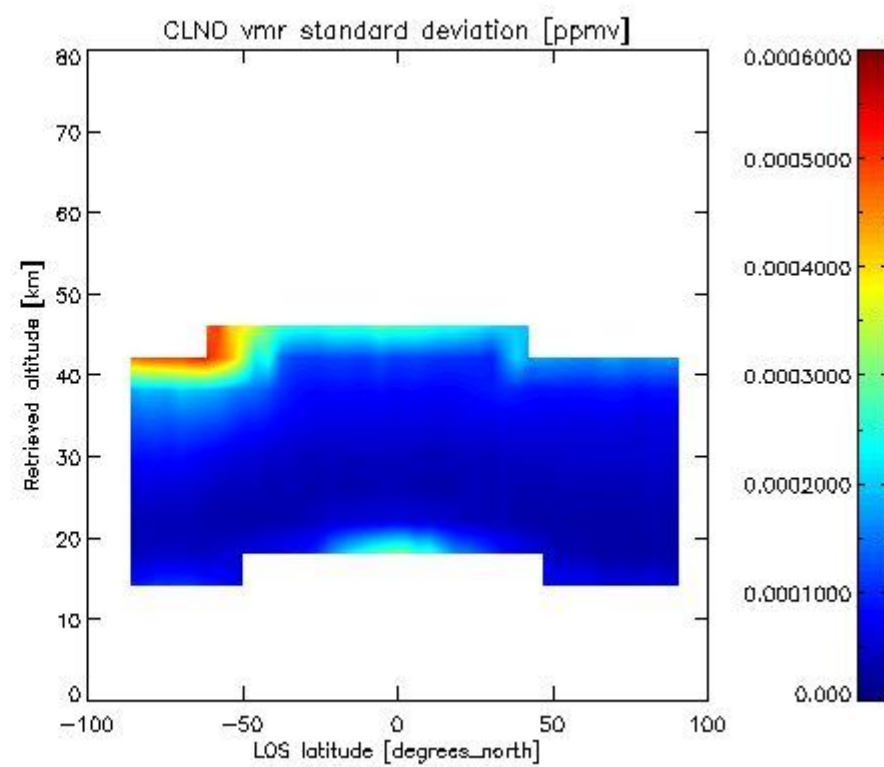
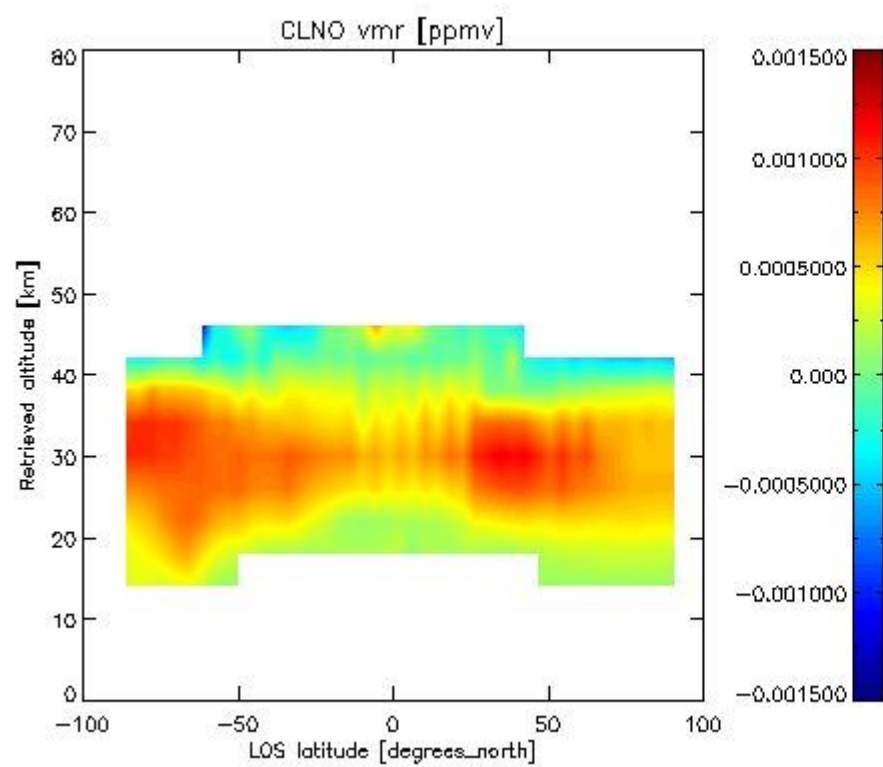
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 6 km.

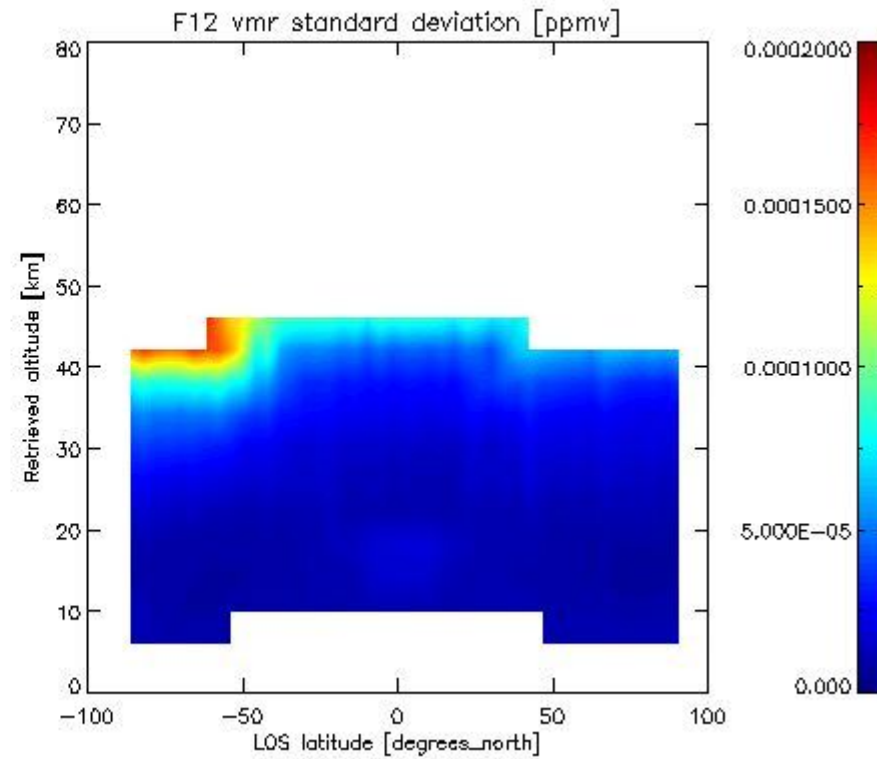
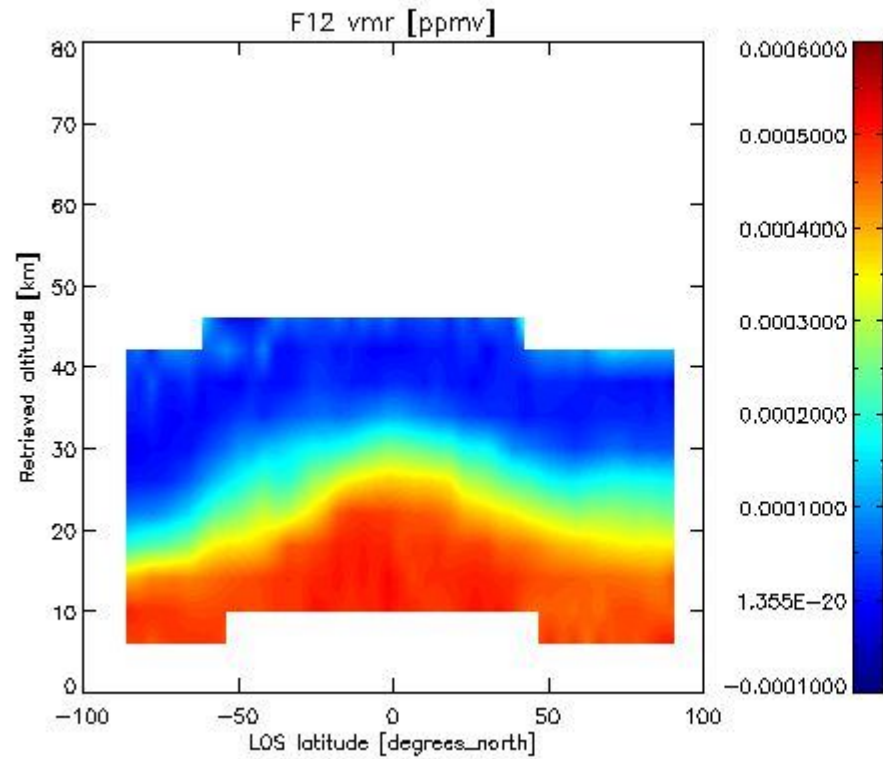
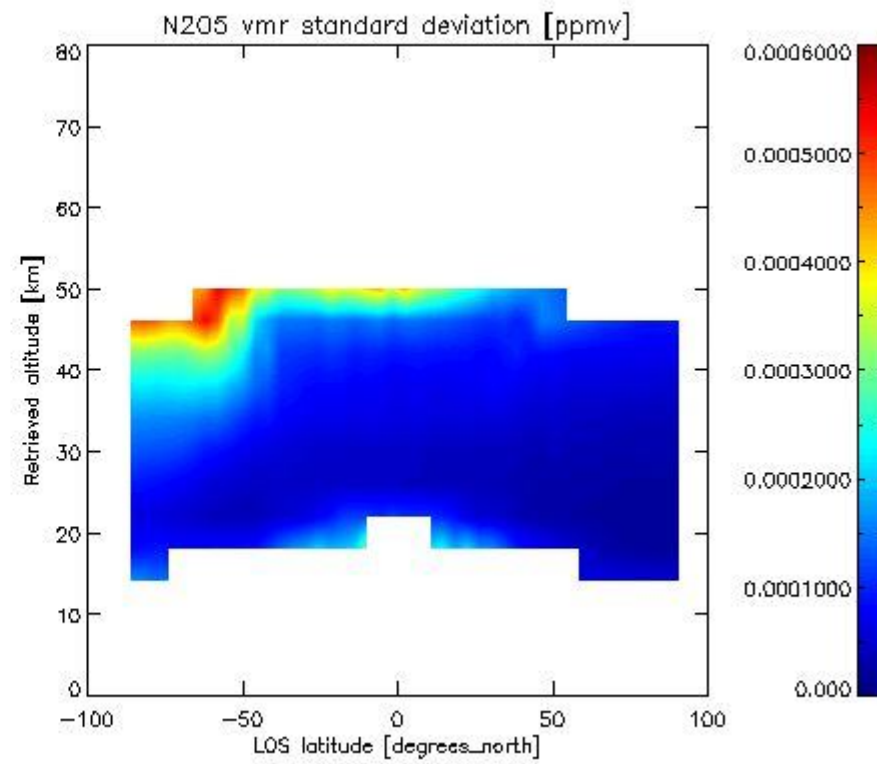
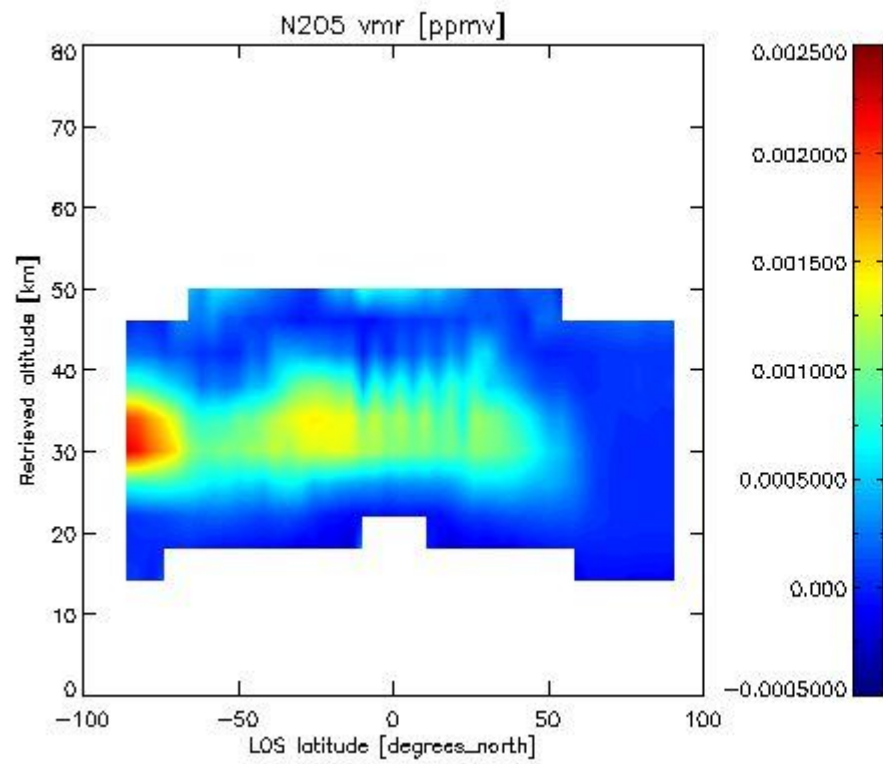


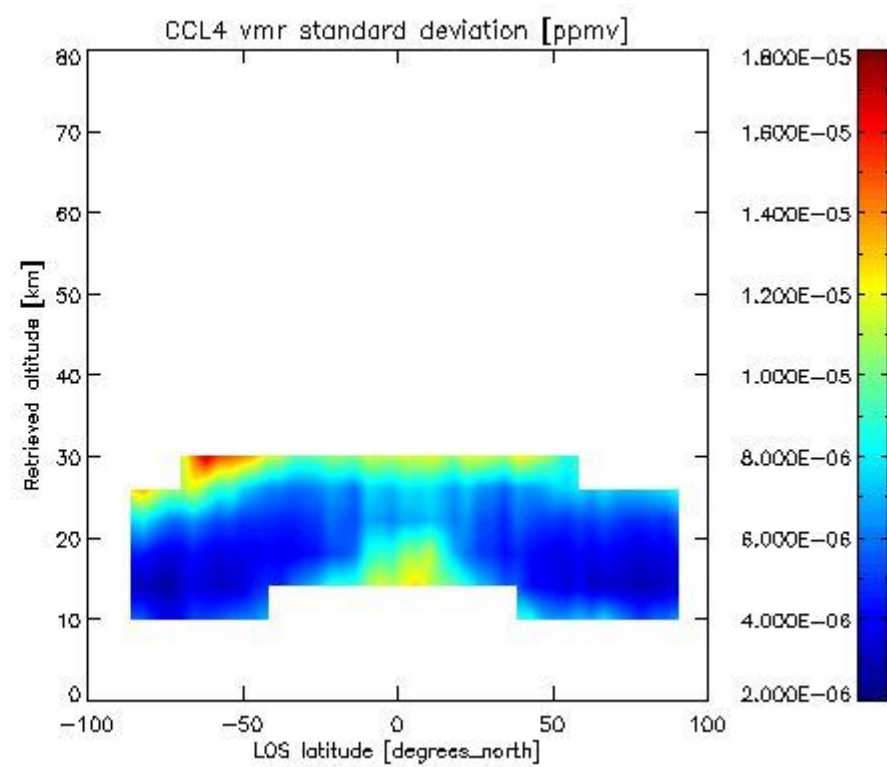
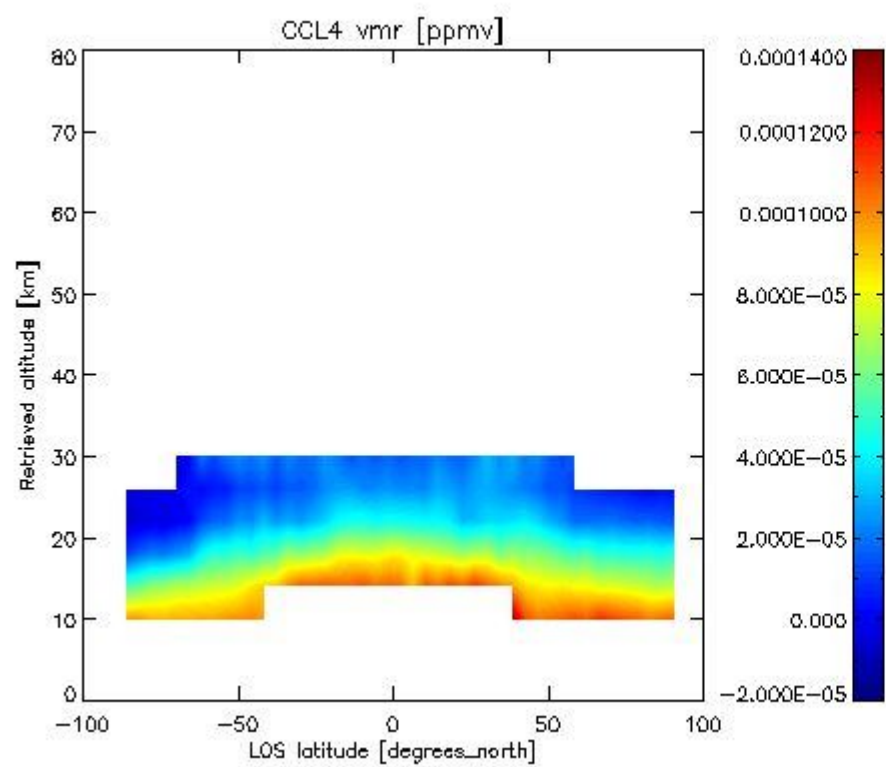
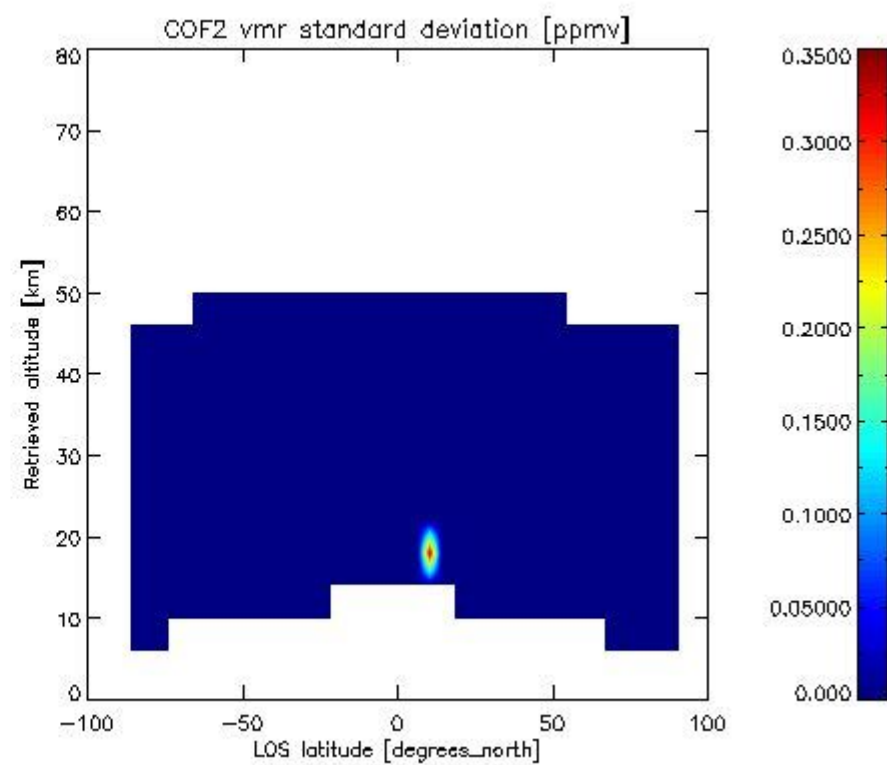
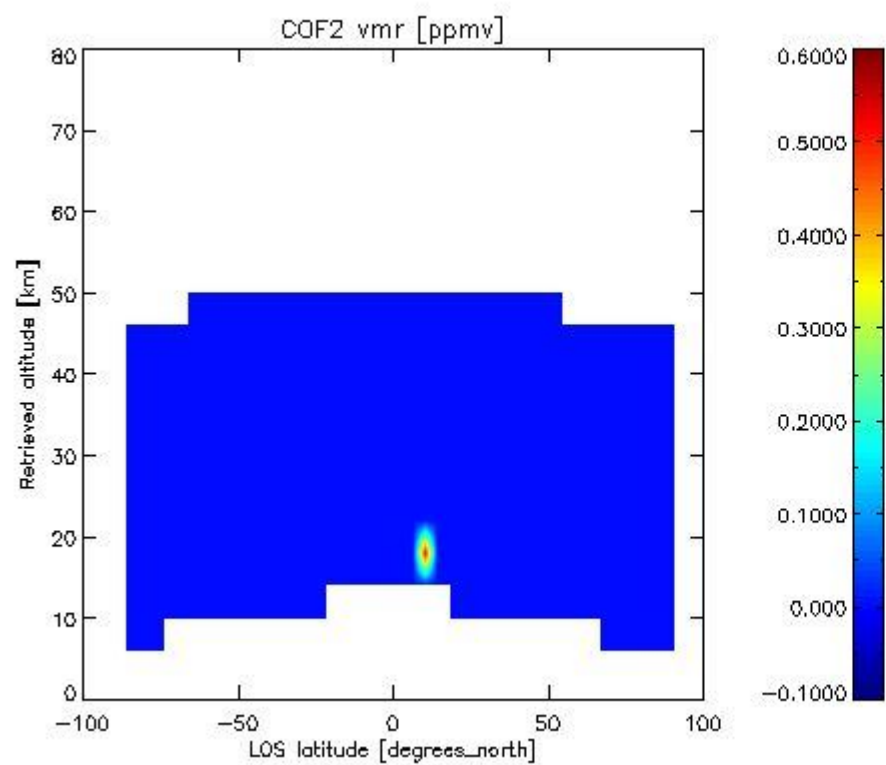
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

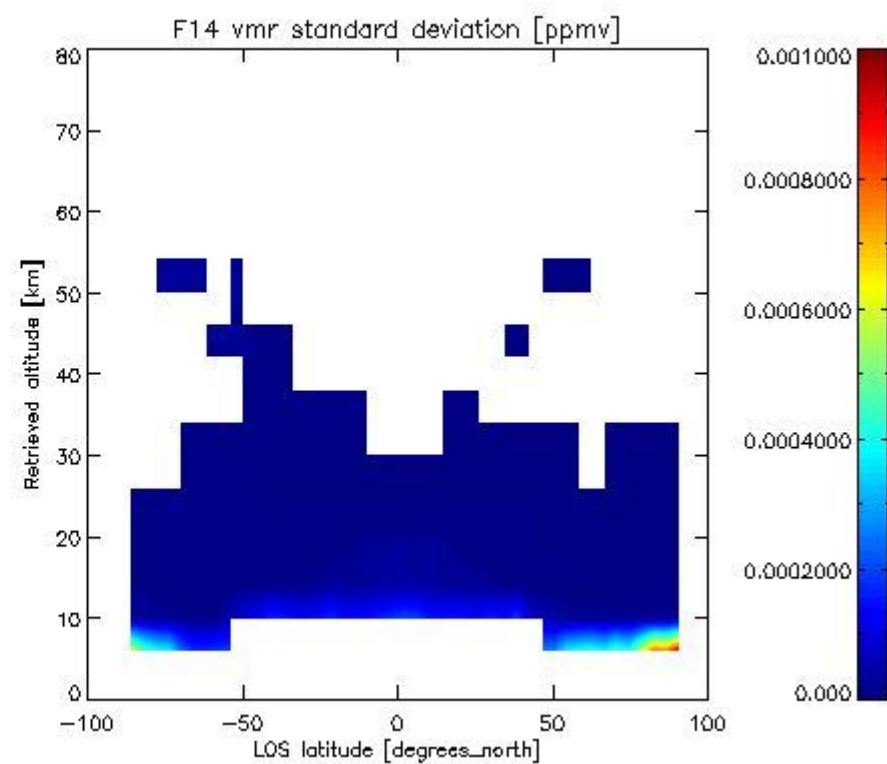
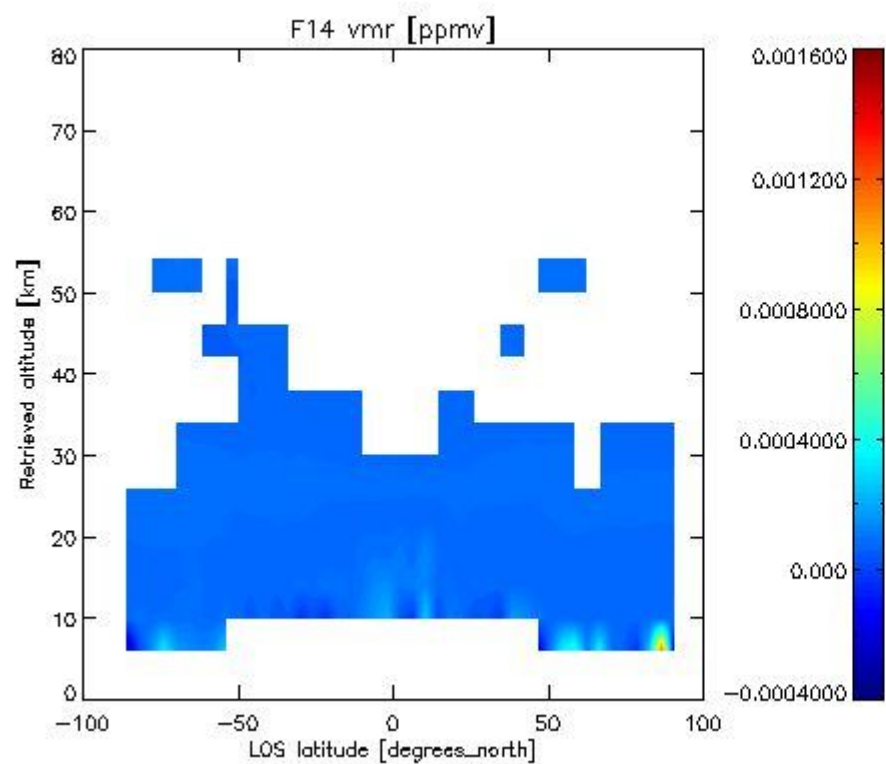
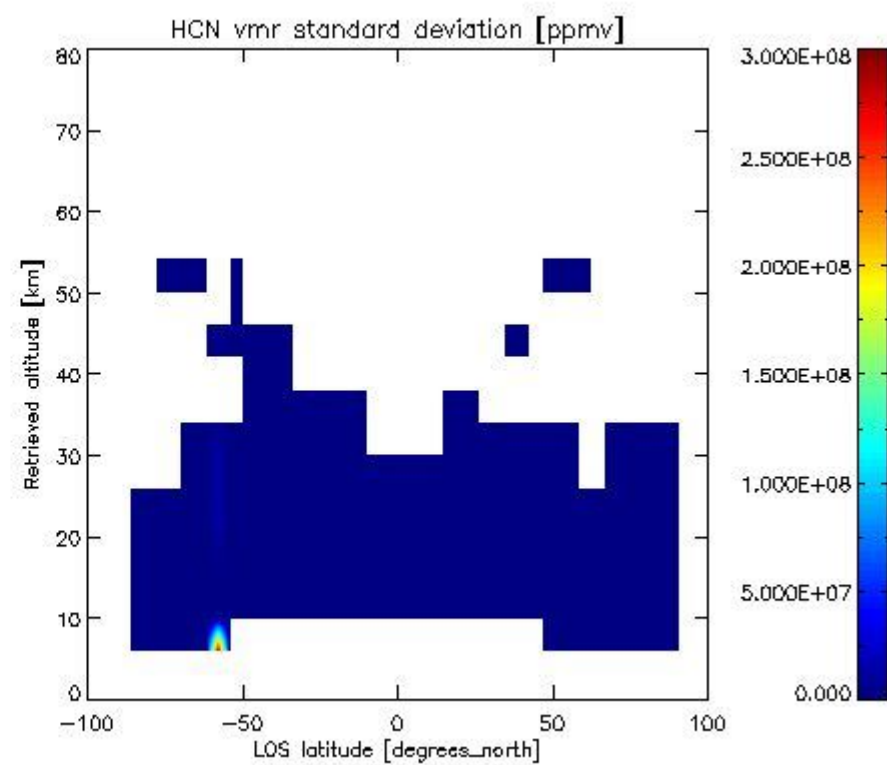
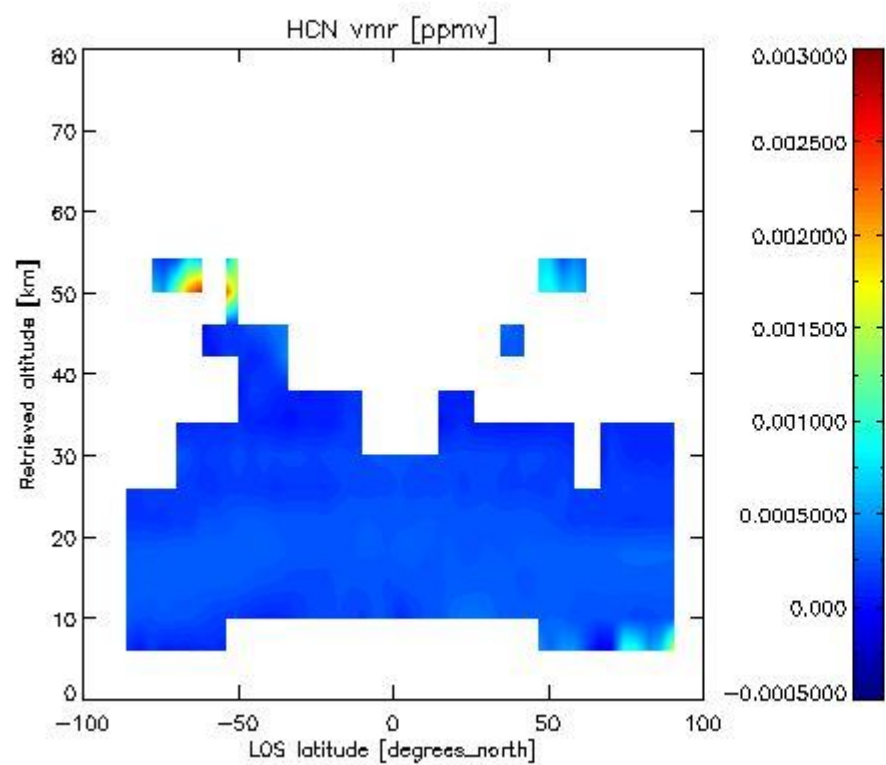


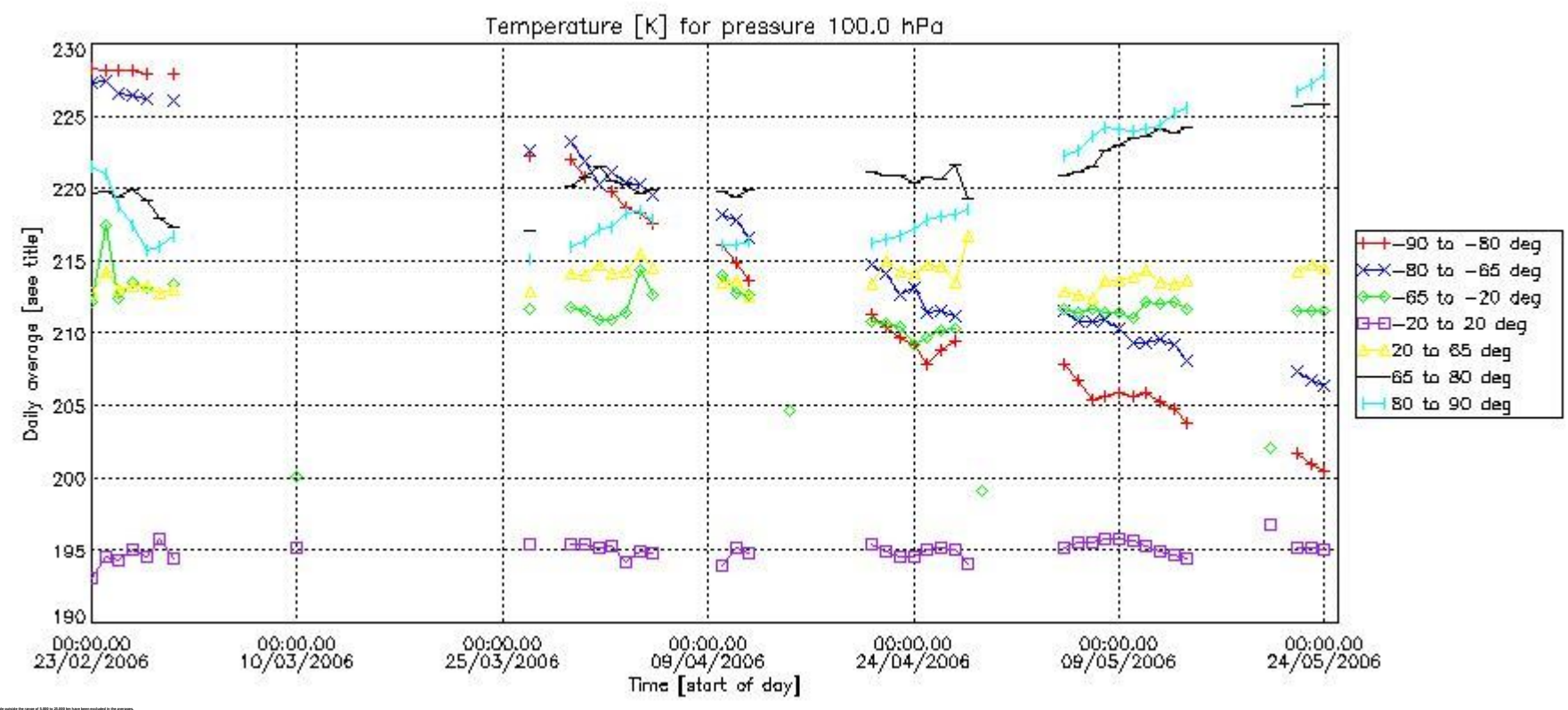
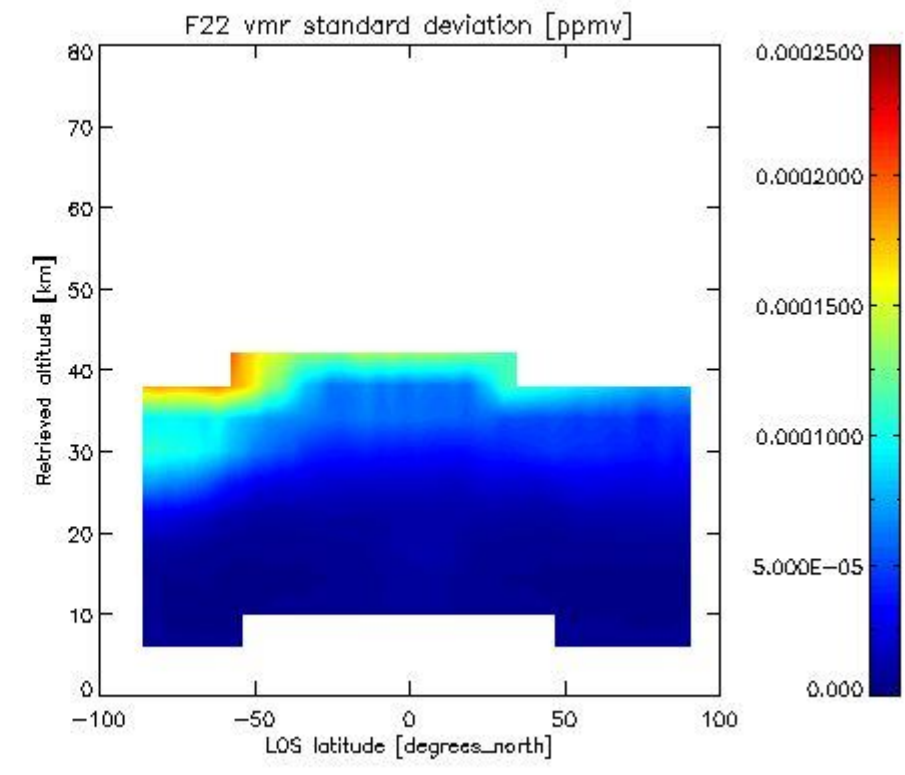
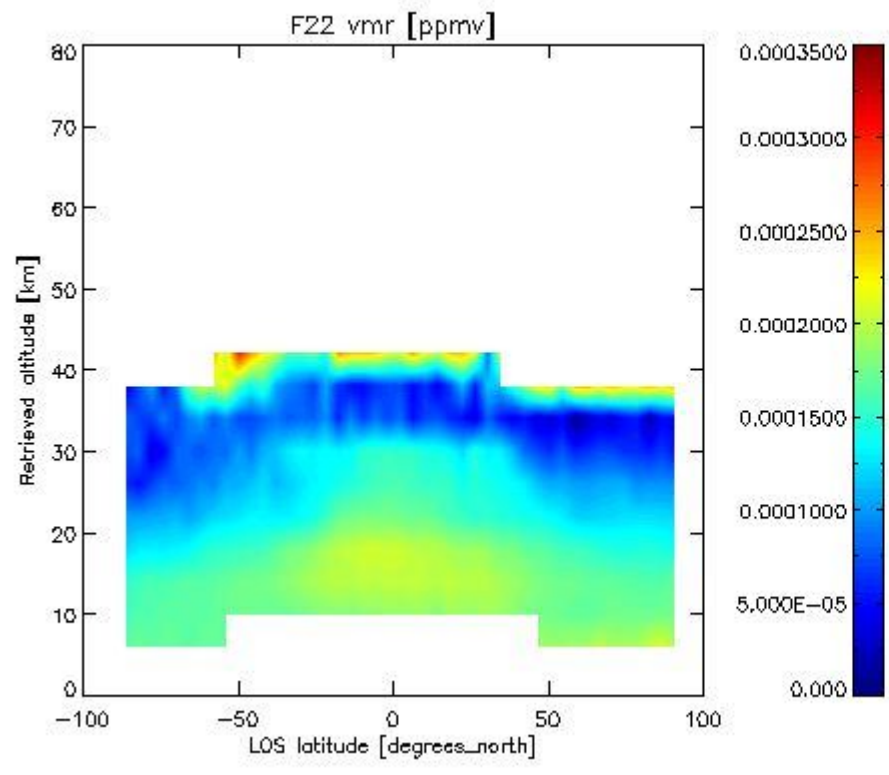
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

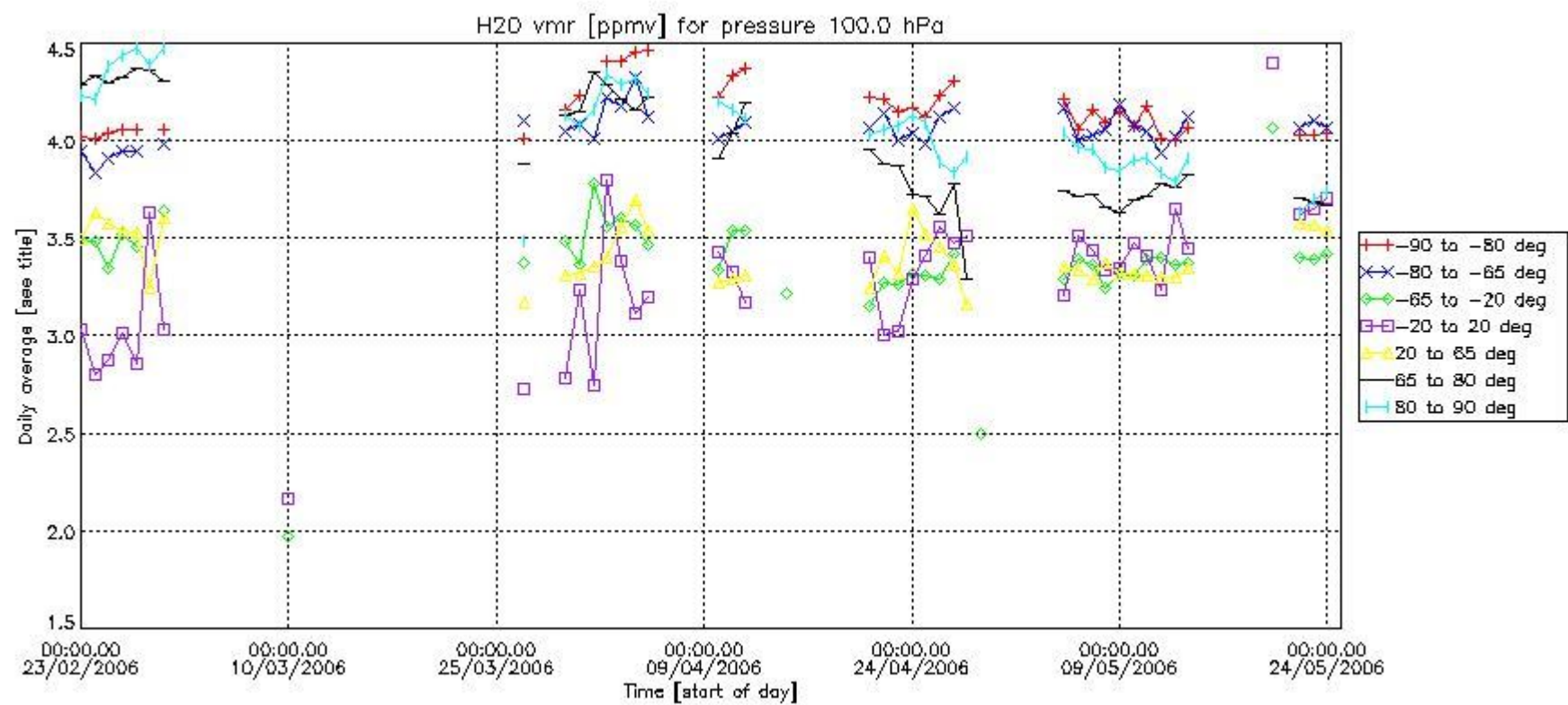
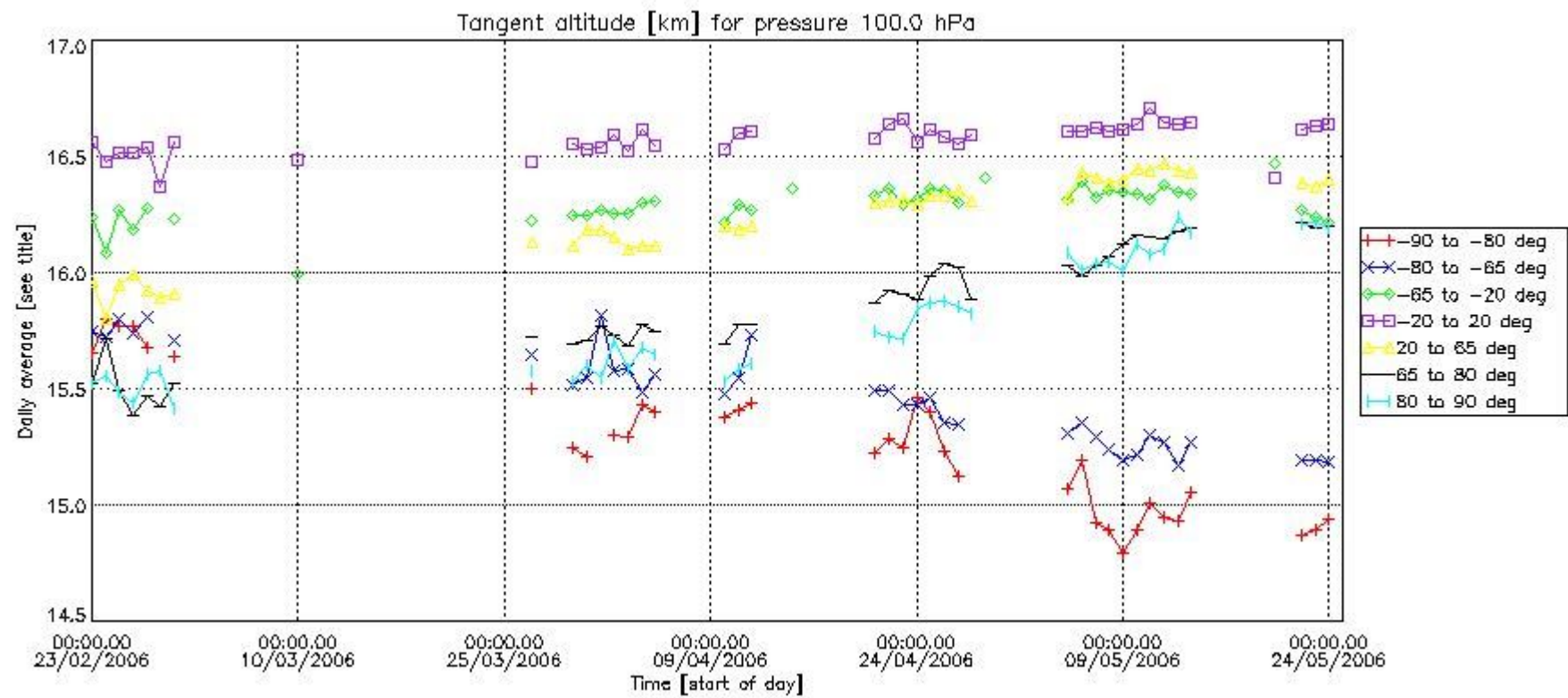


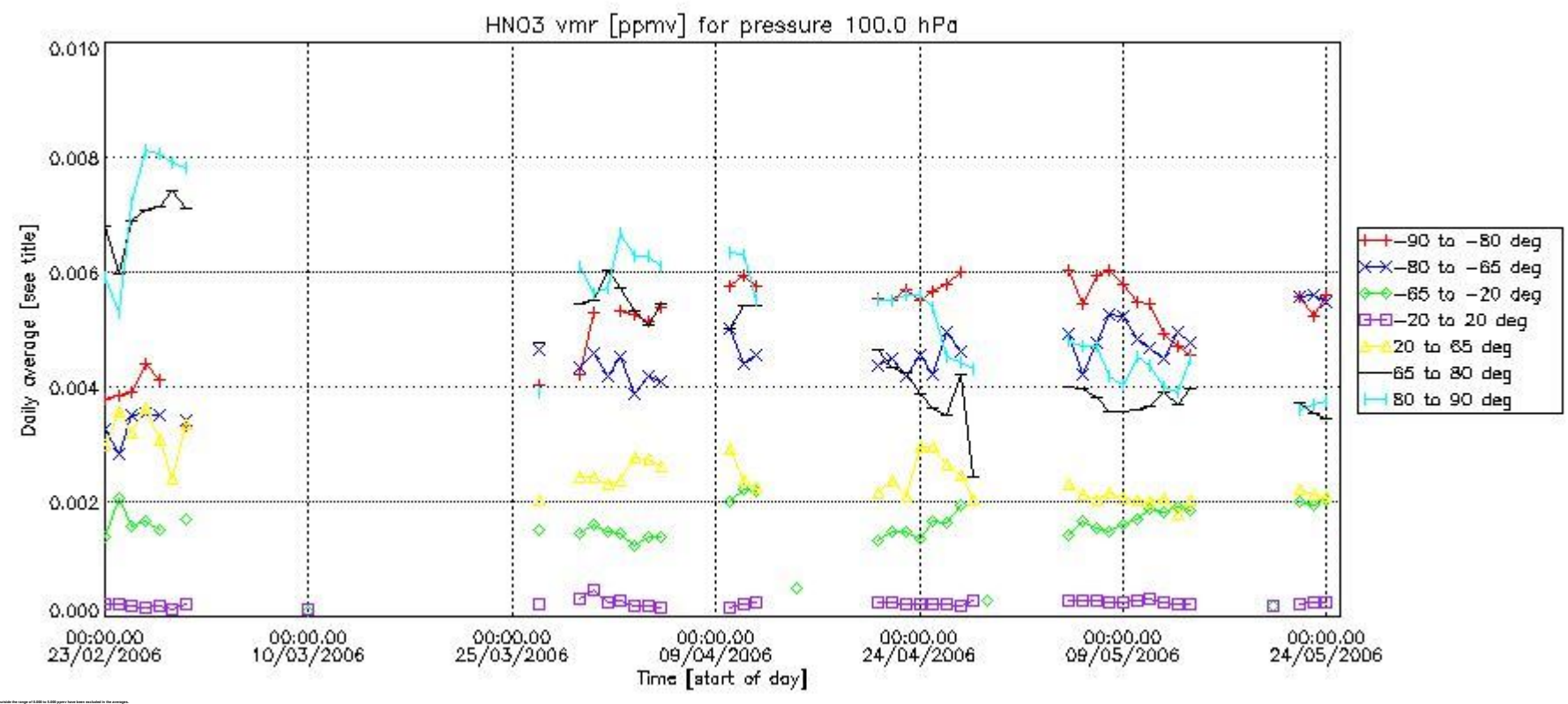
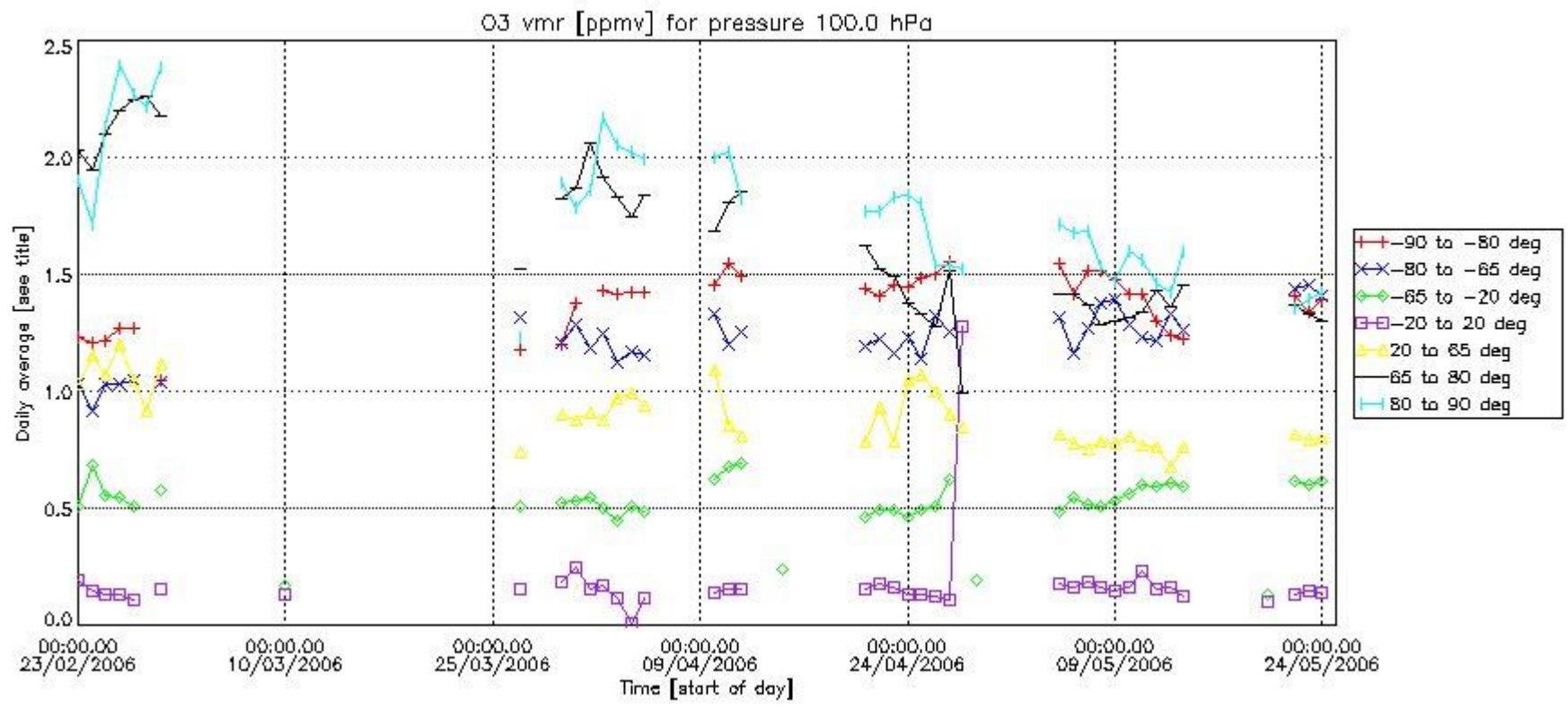


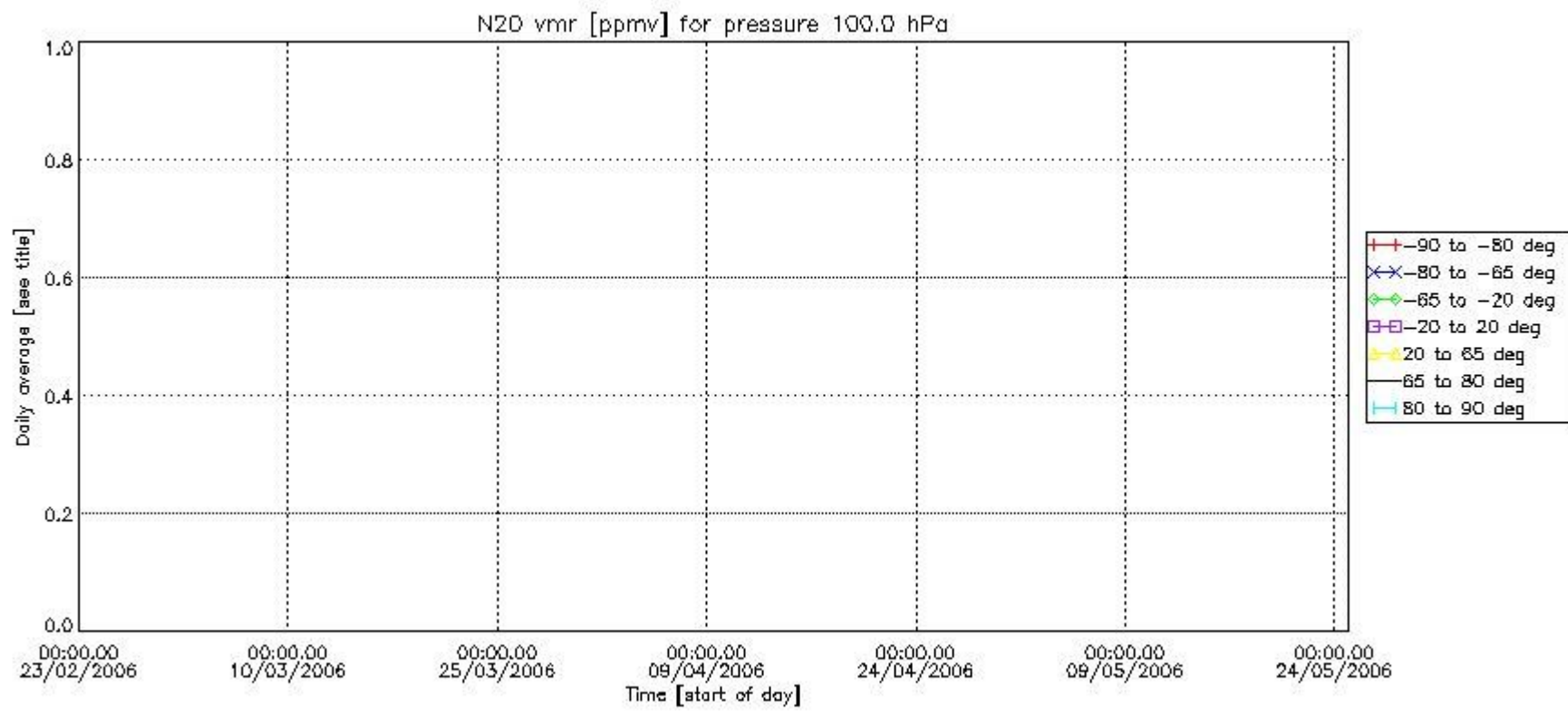
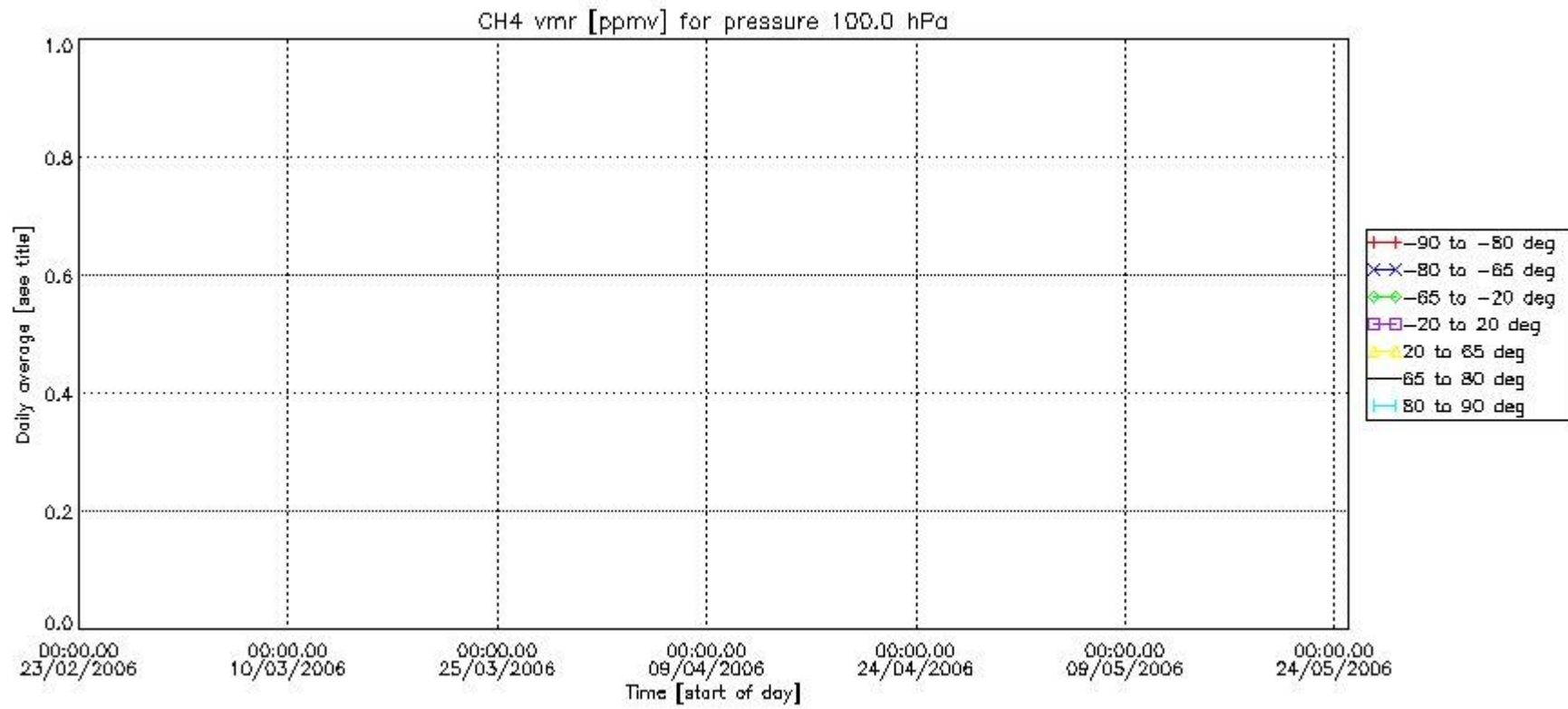


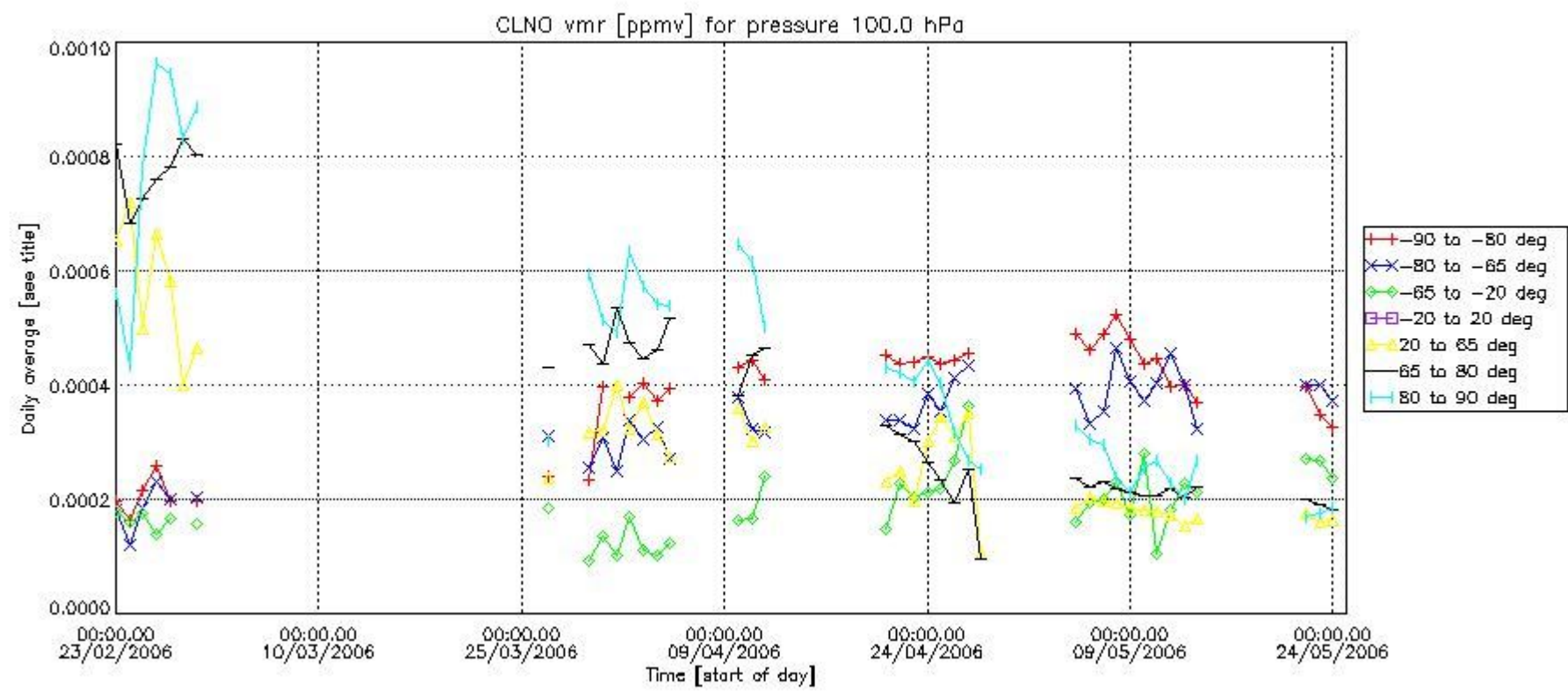
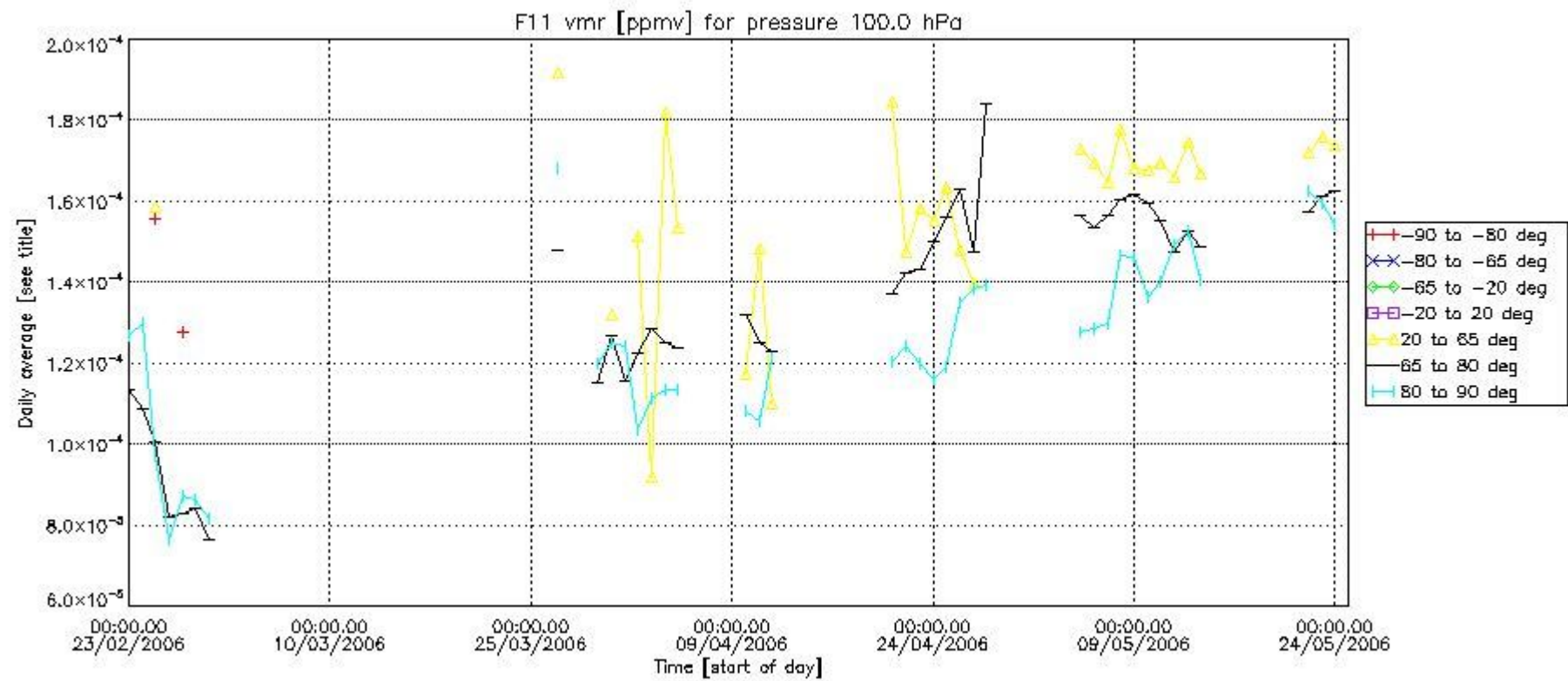


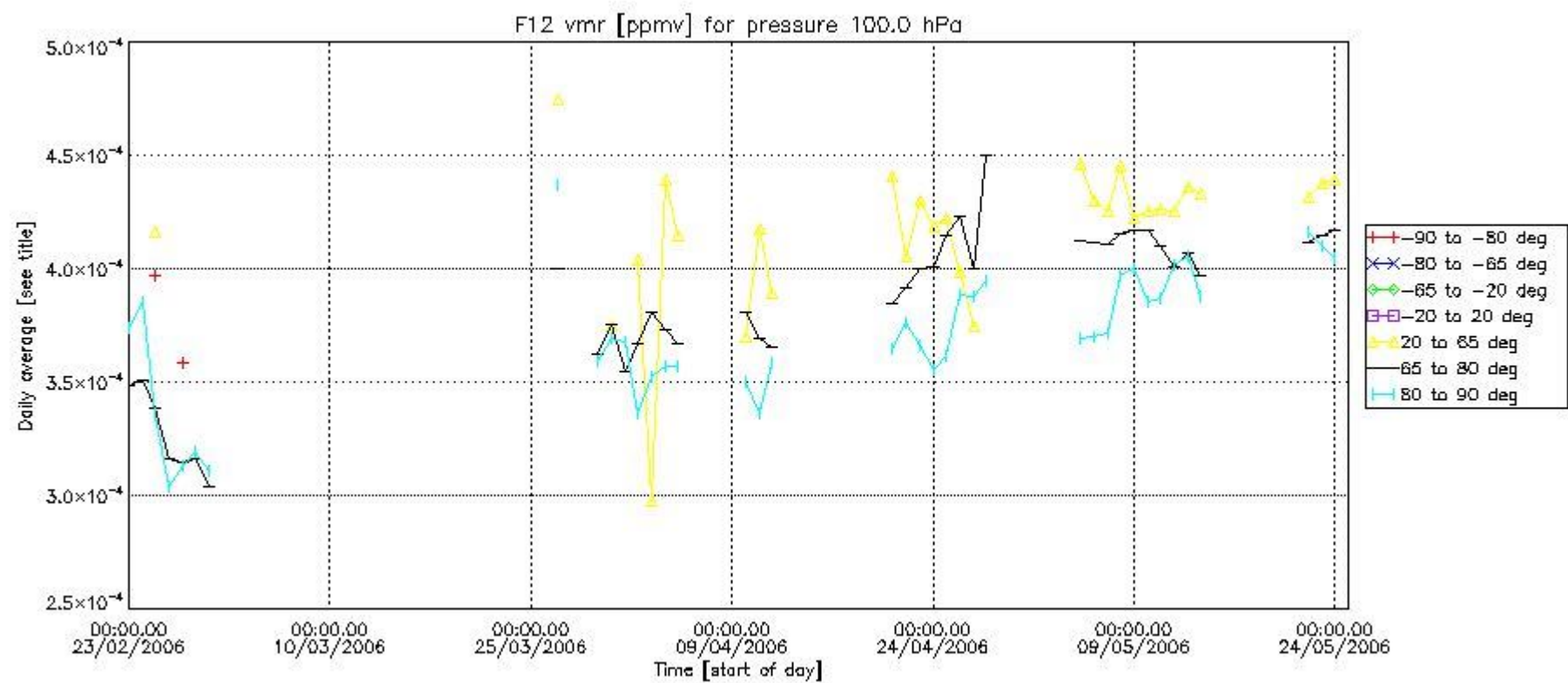
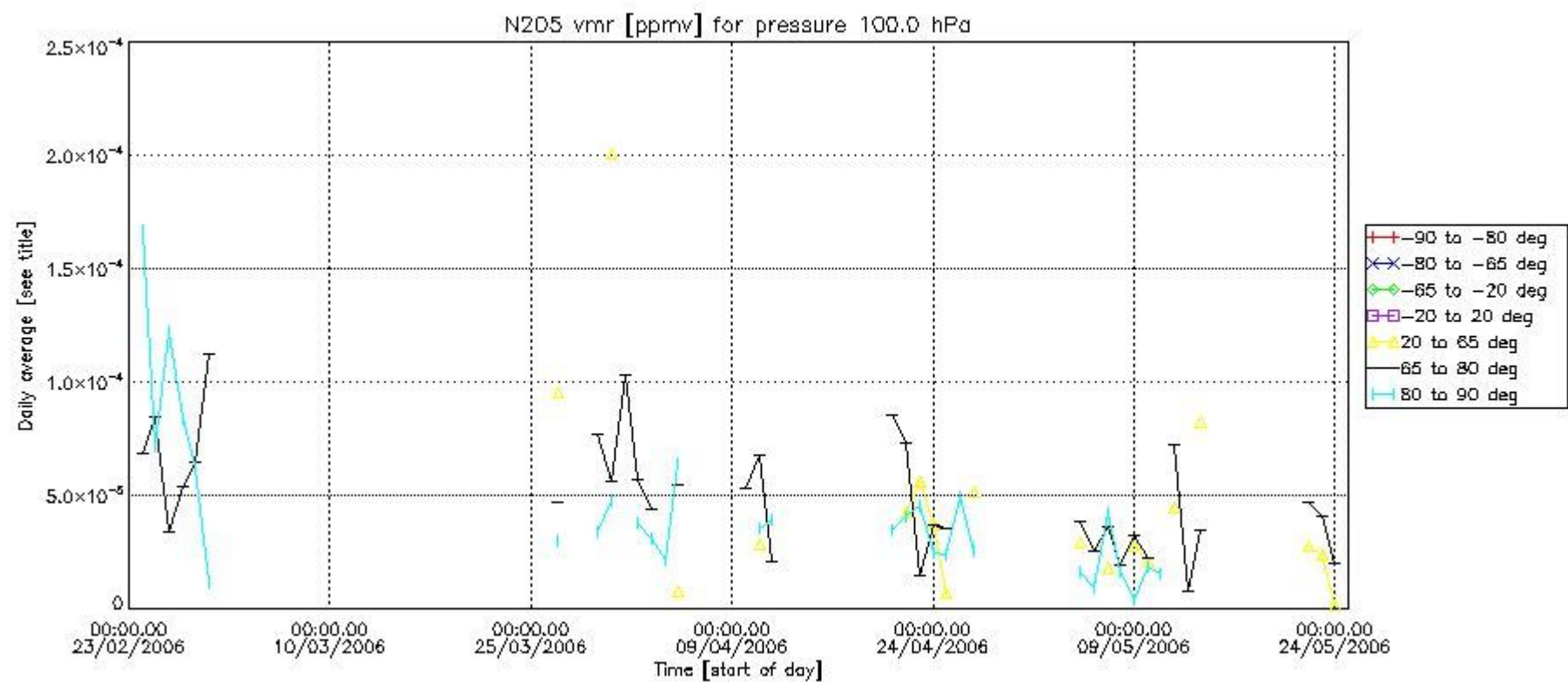


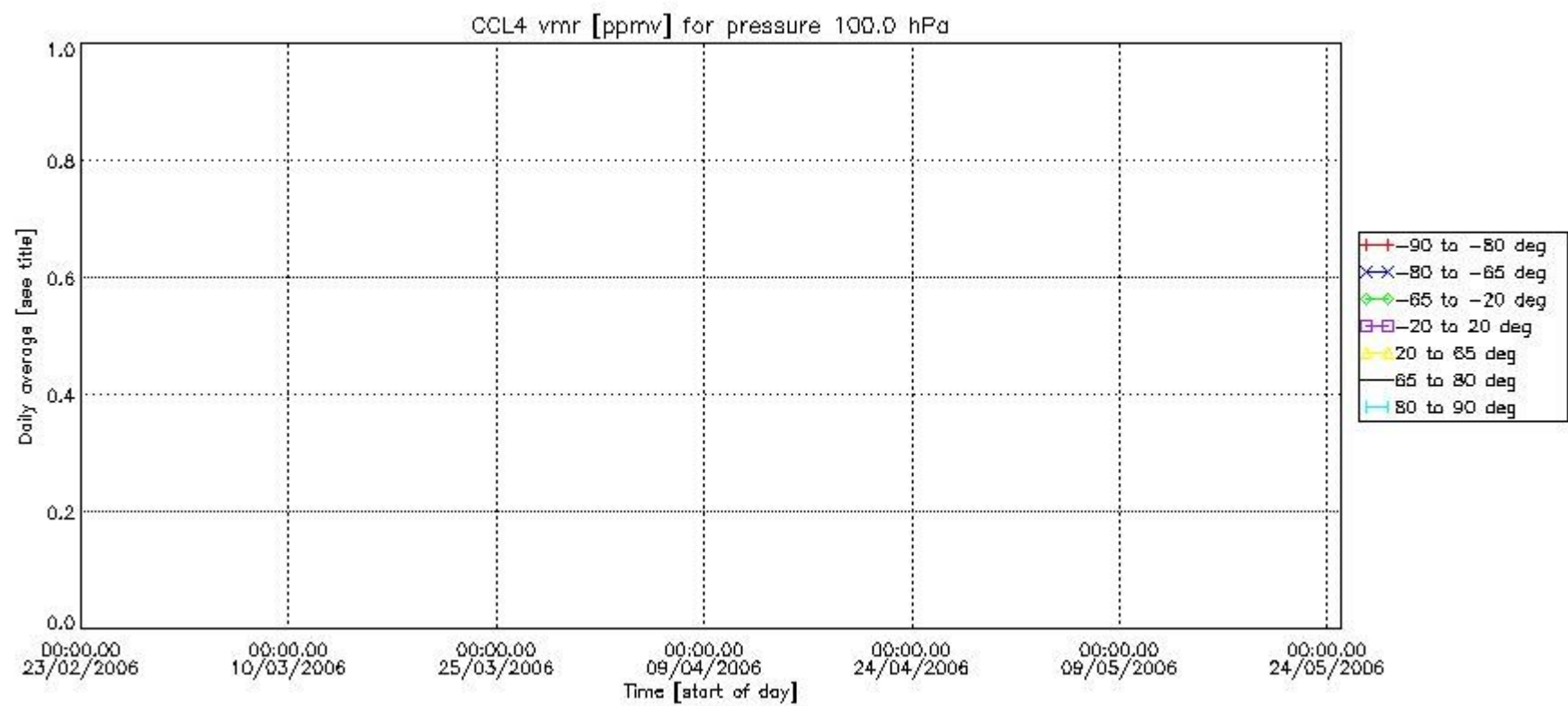
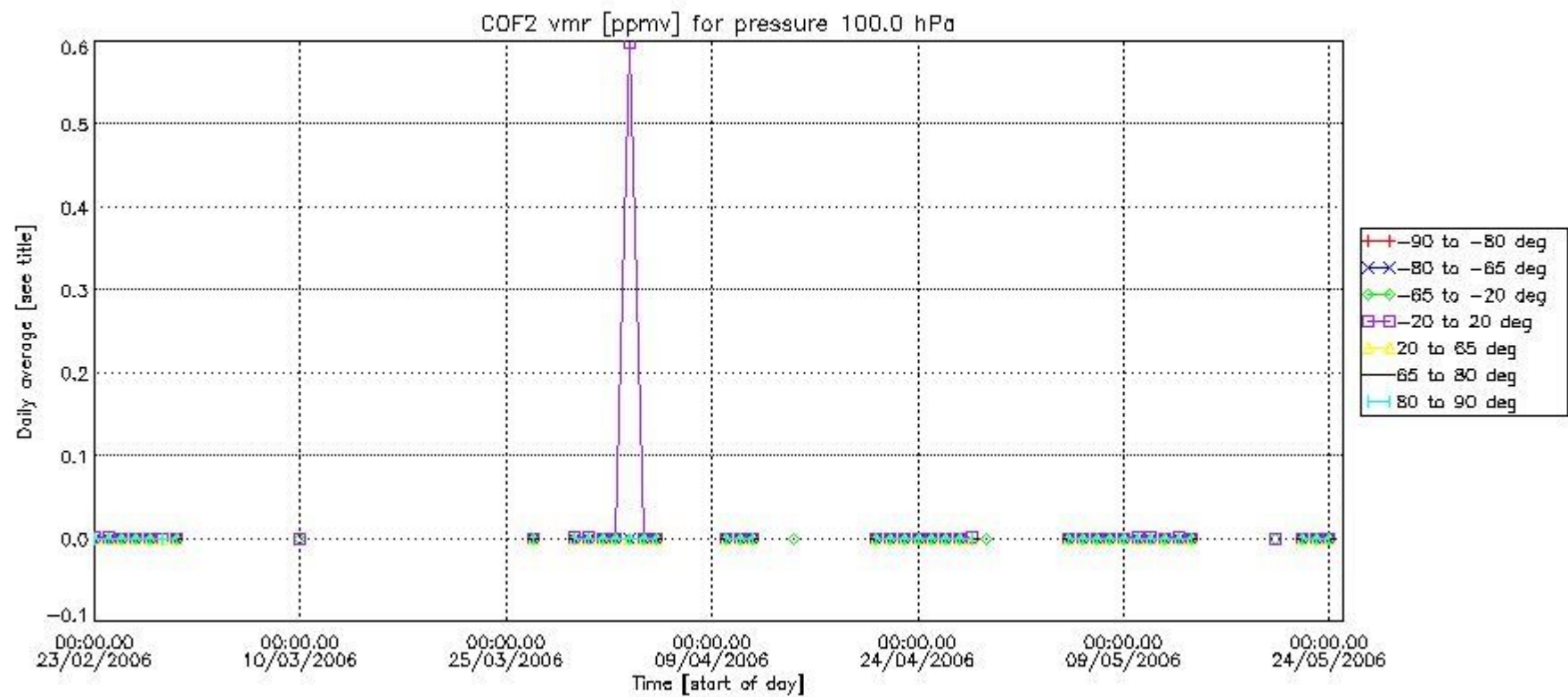


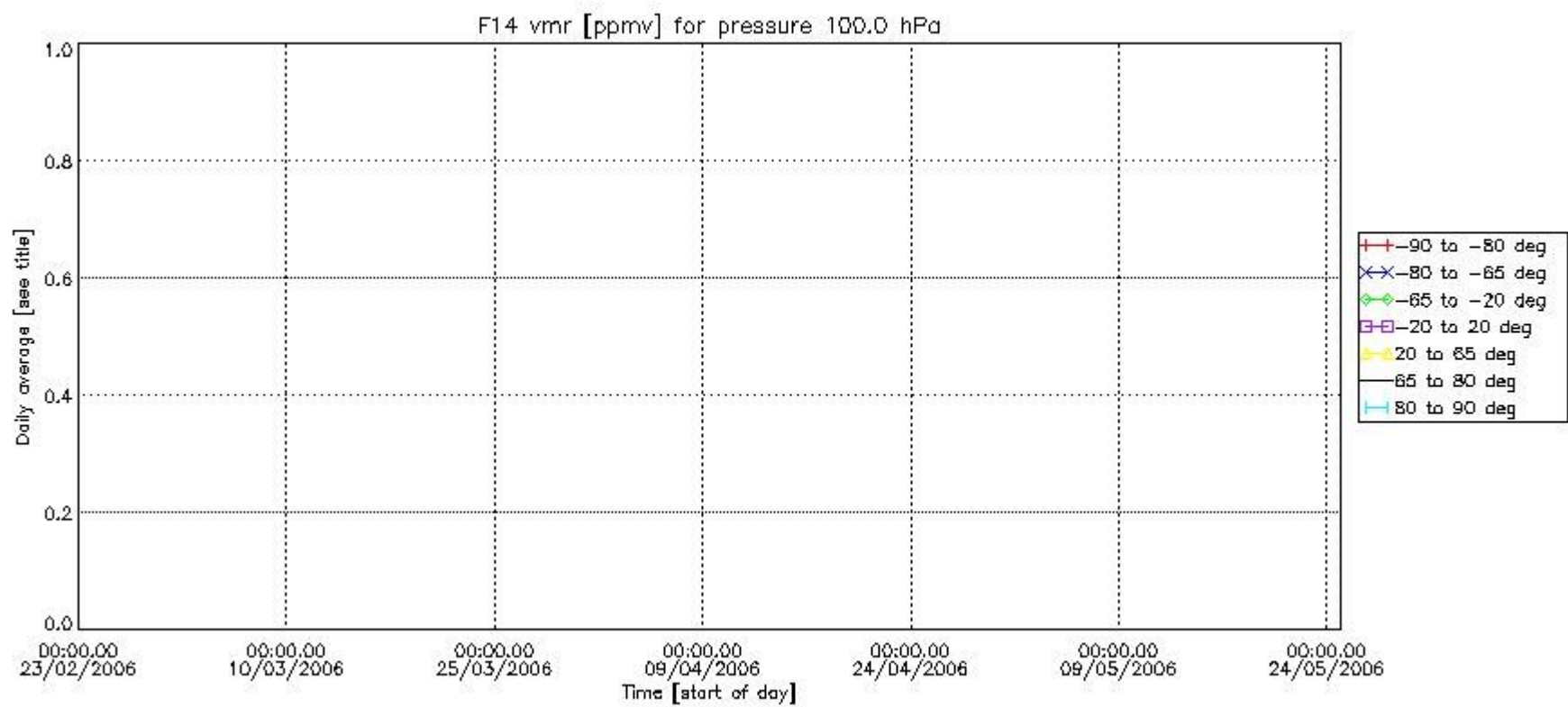
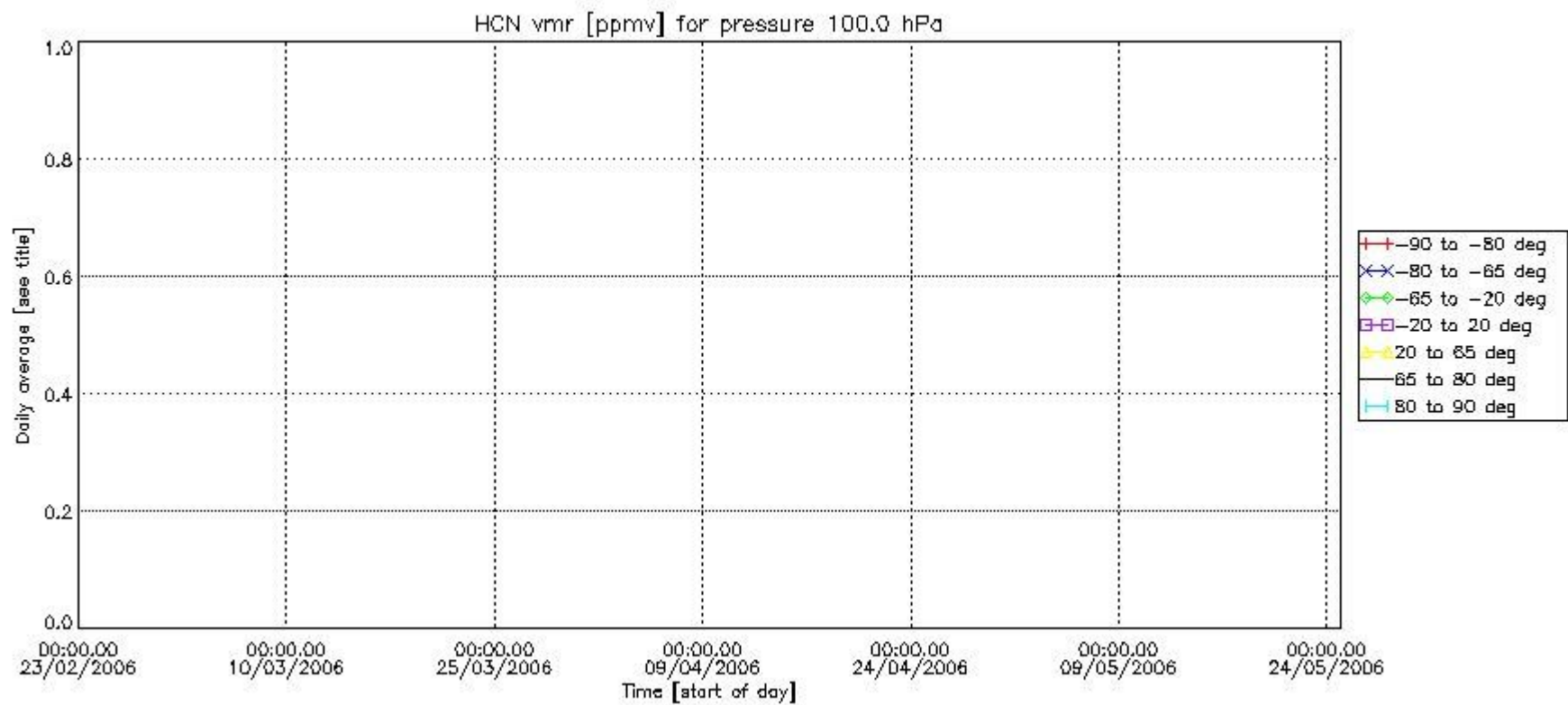


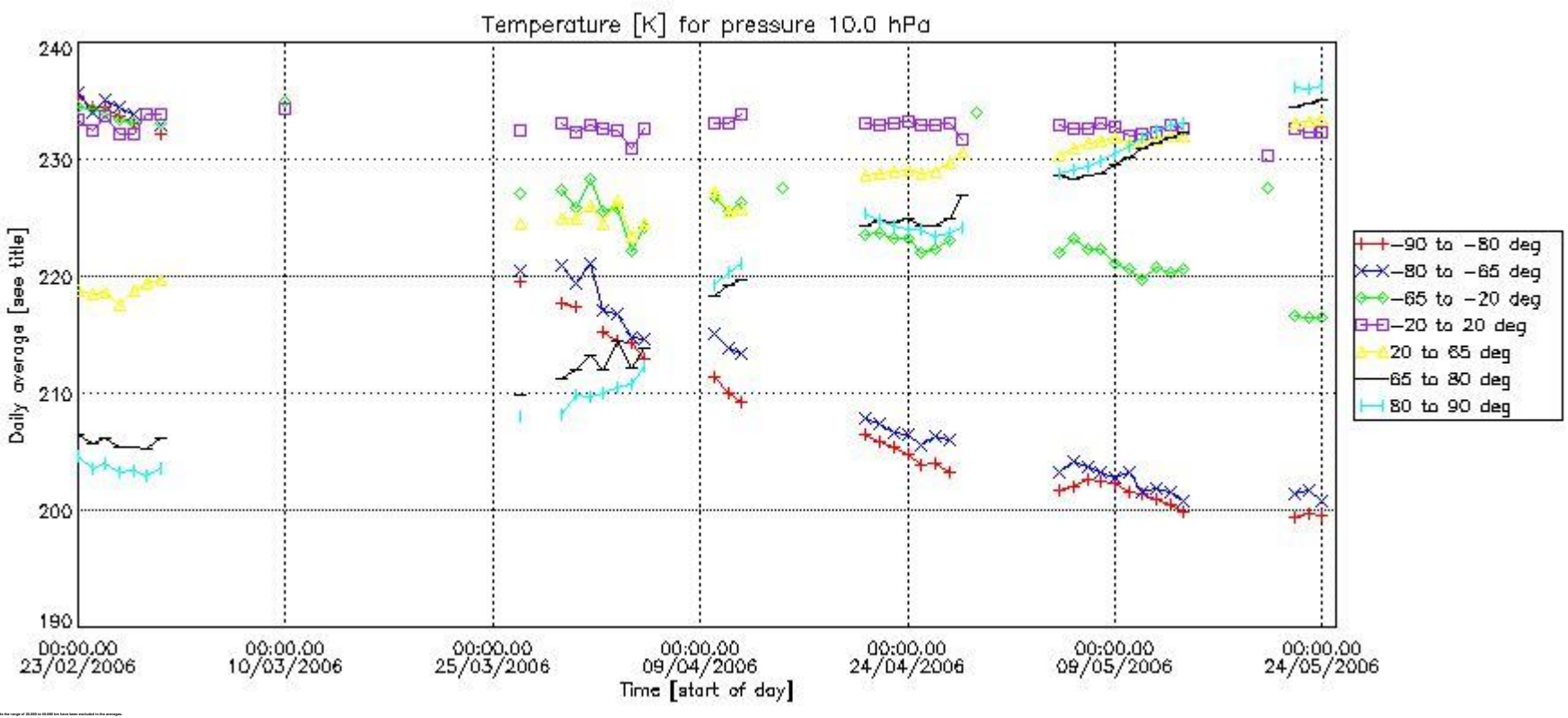
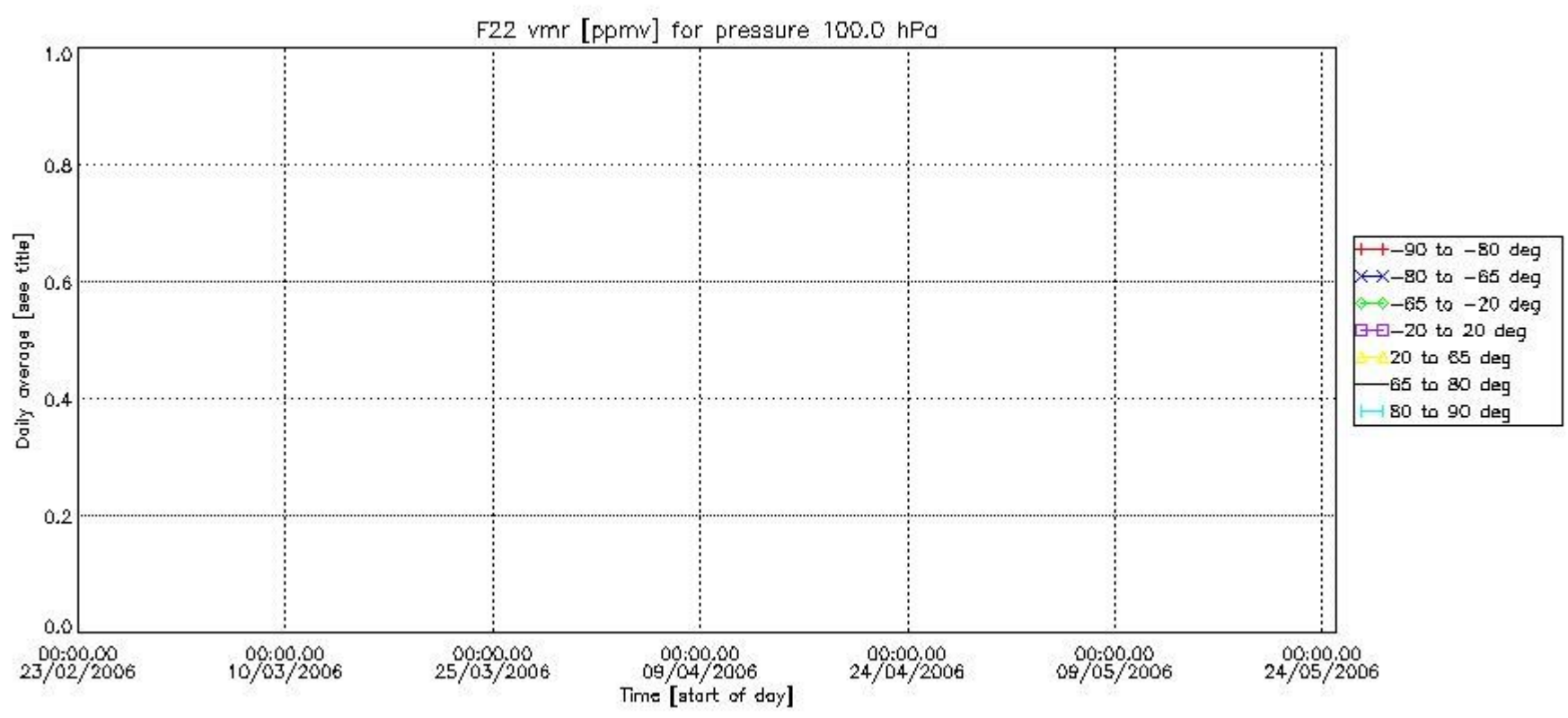


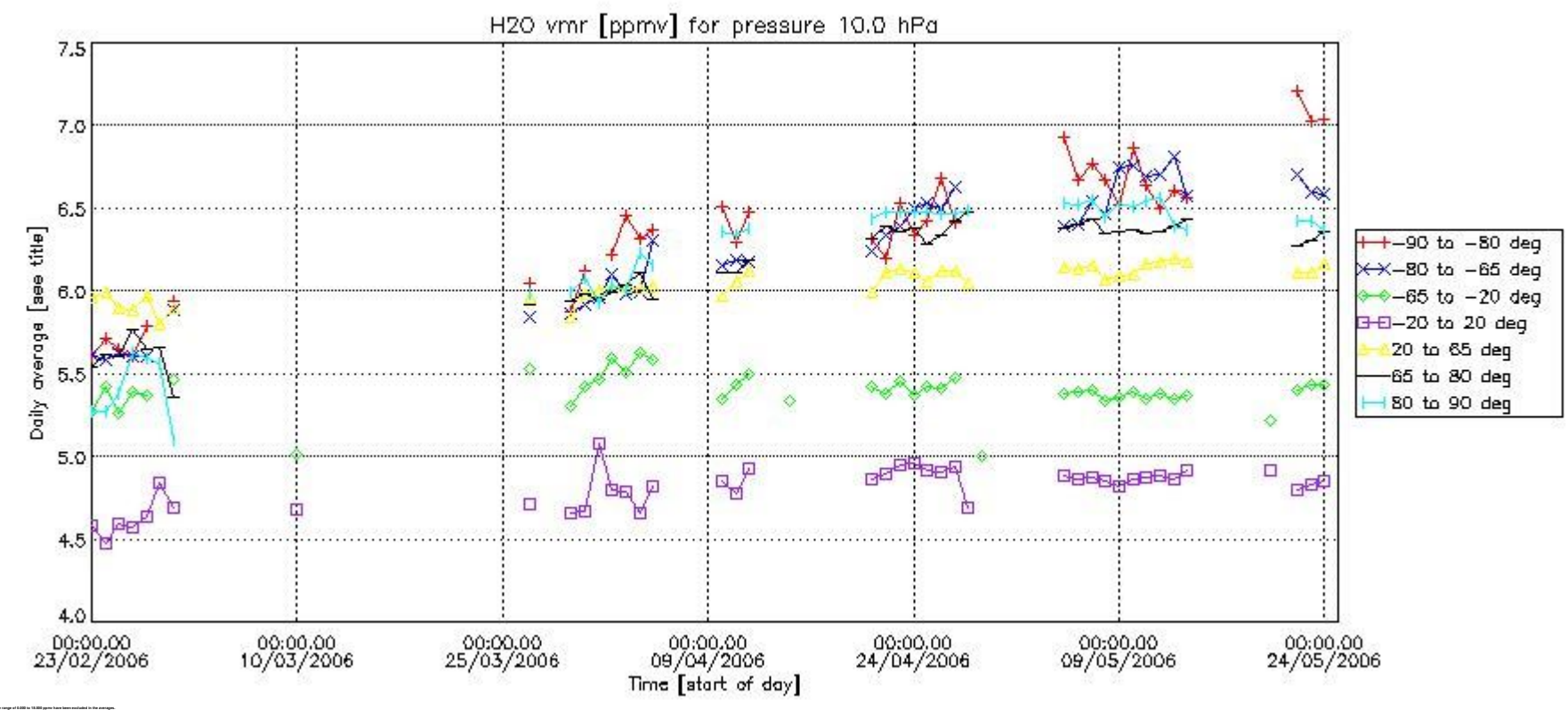
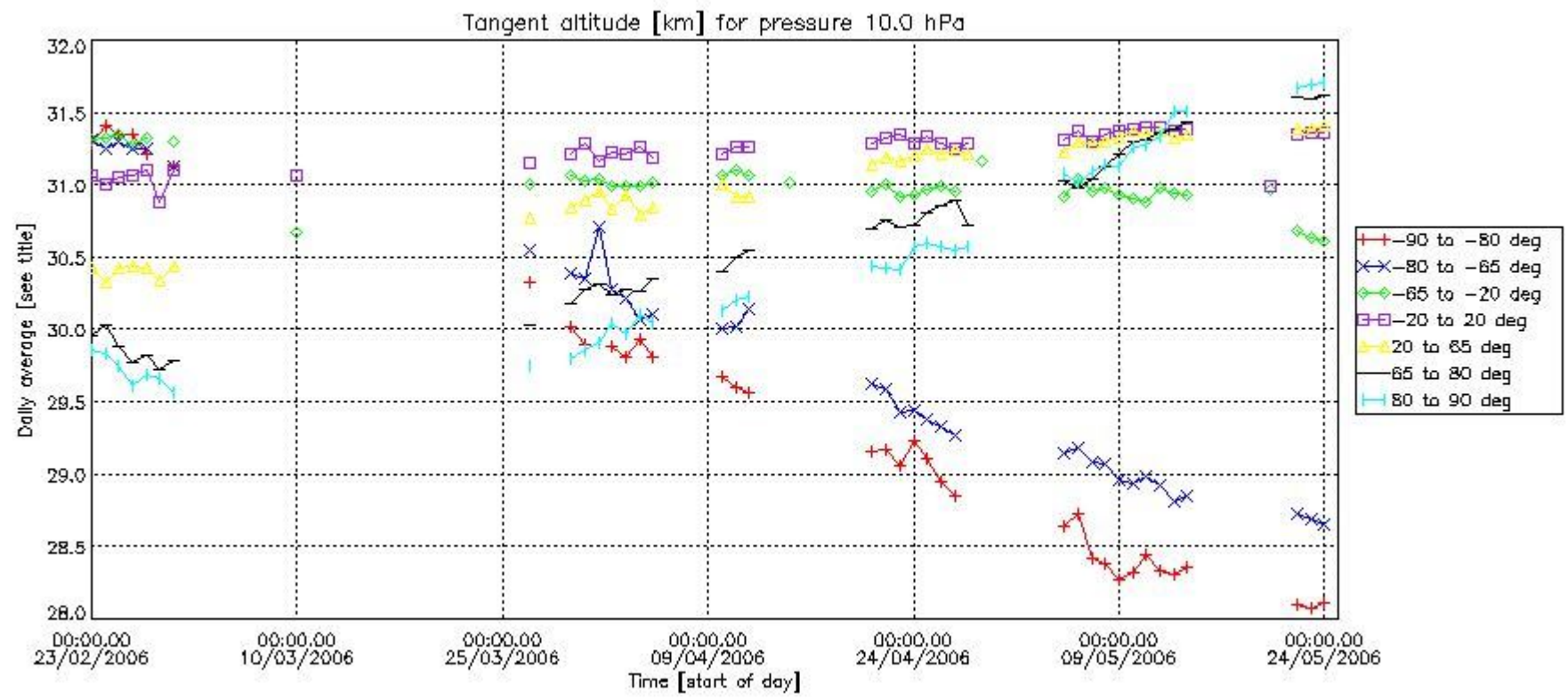


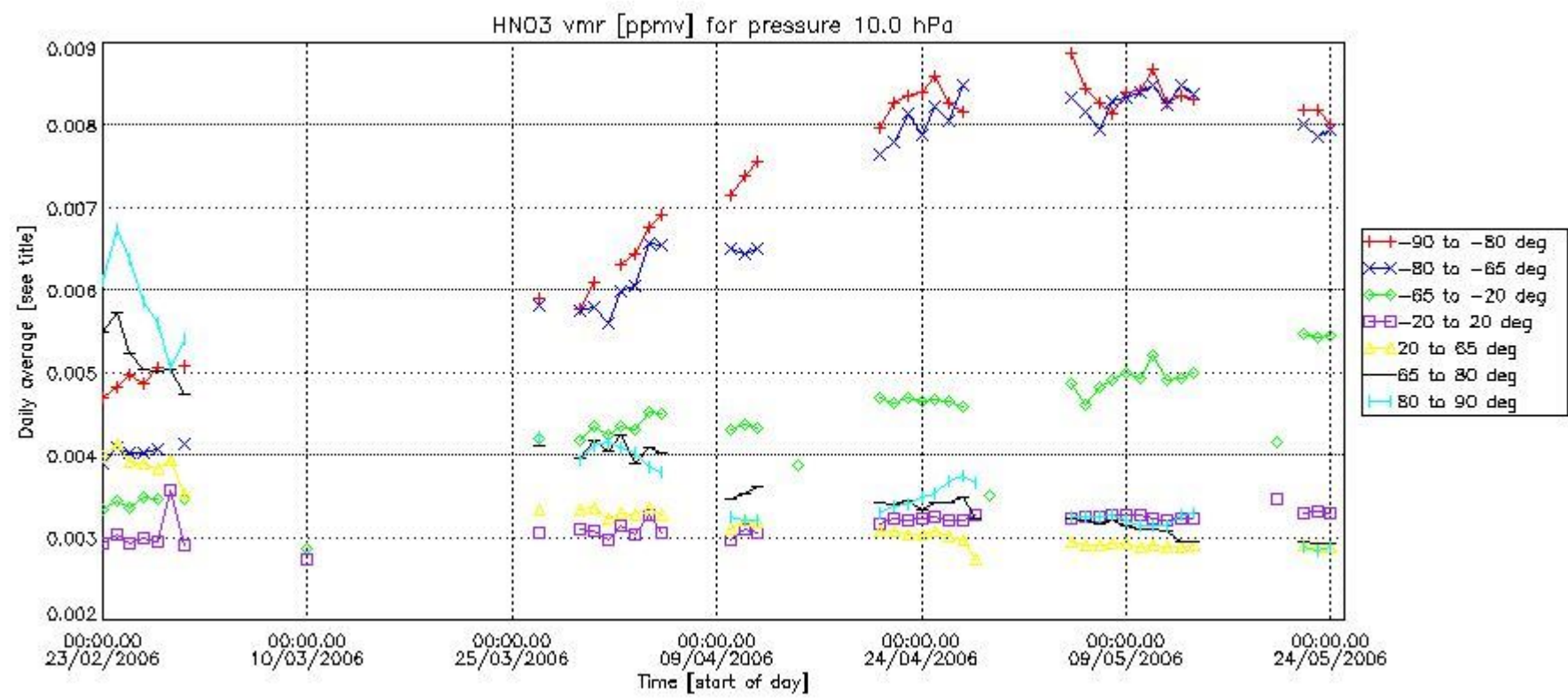
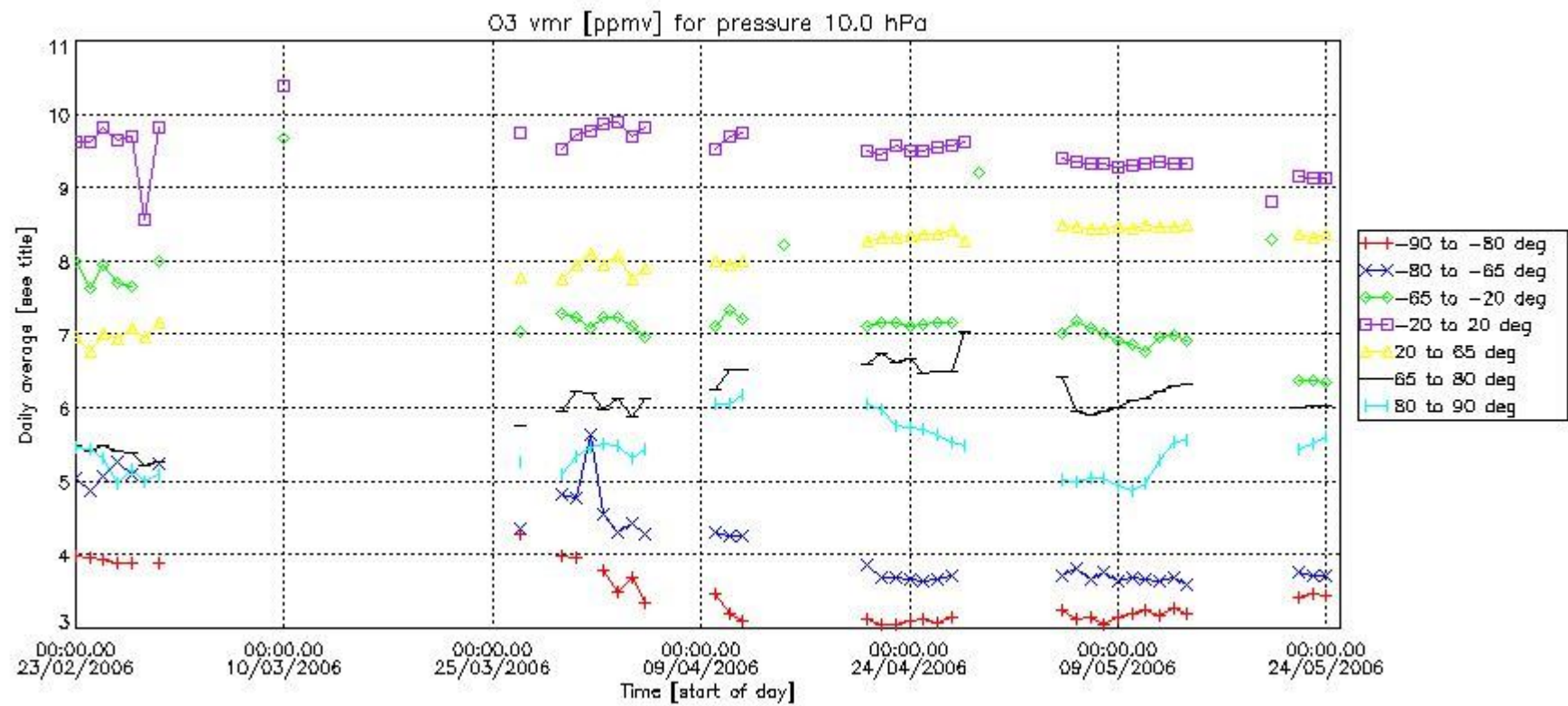


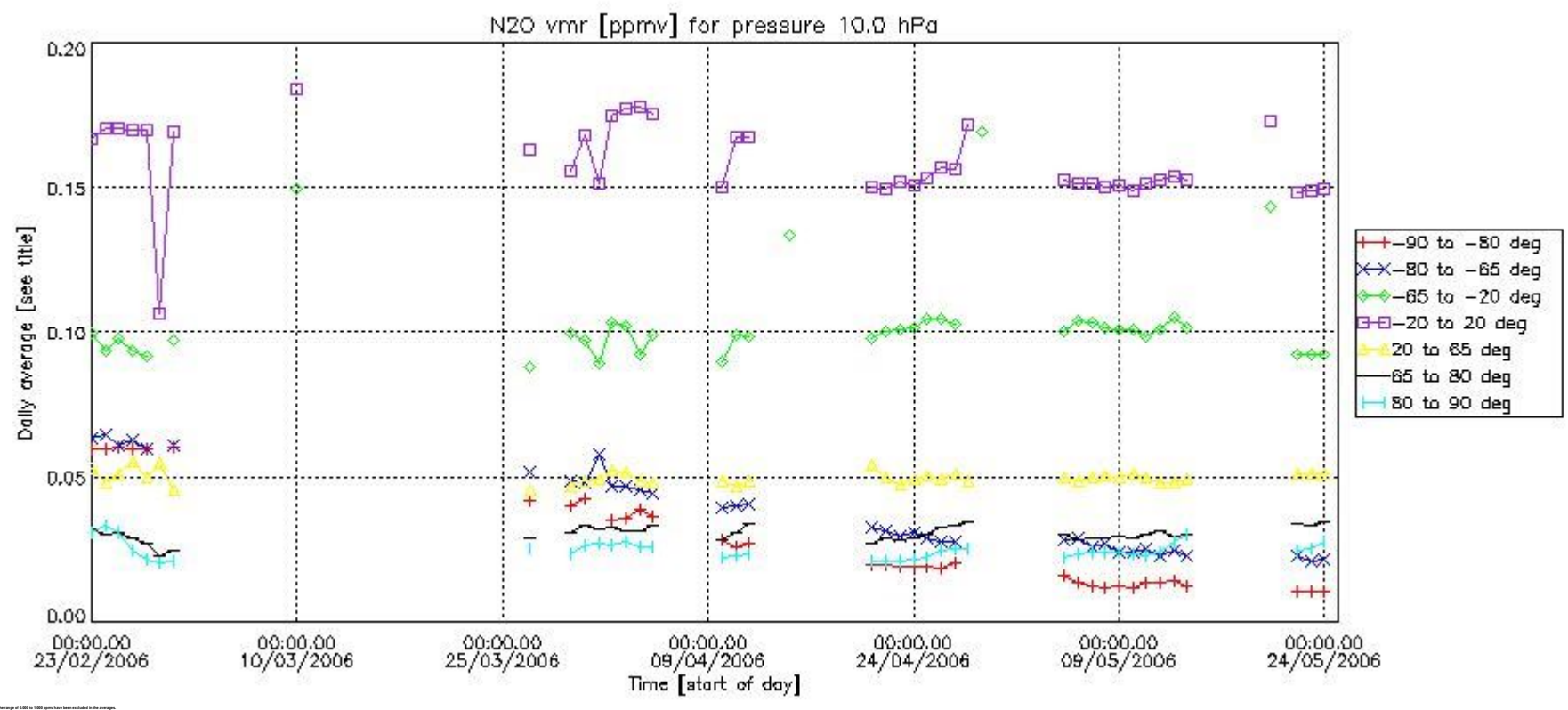
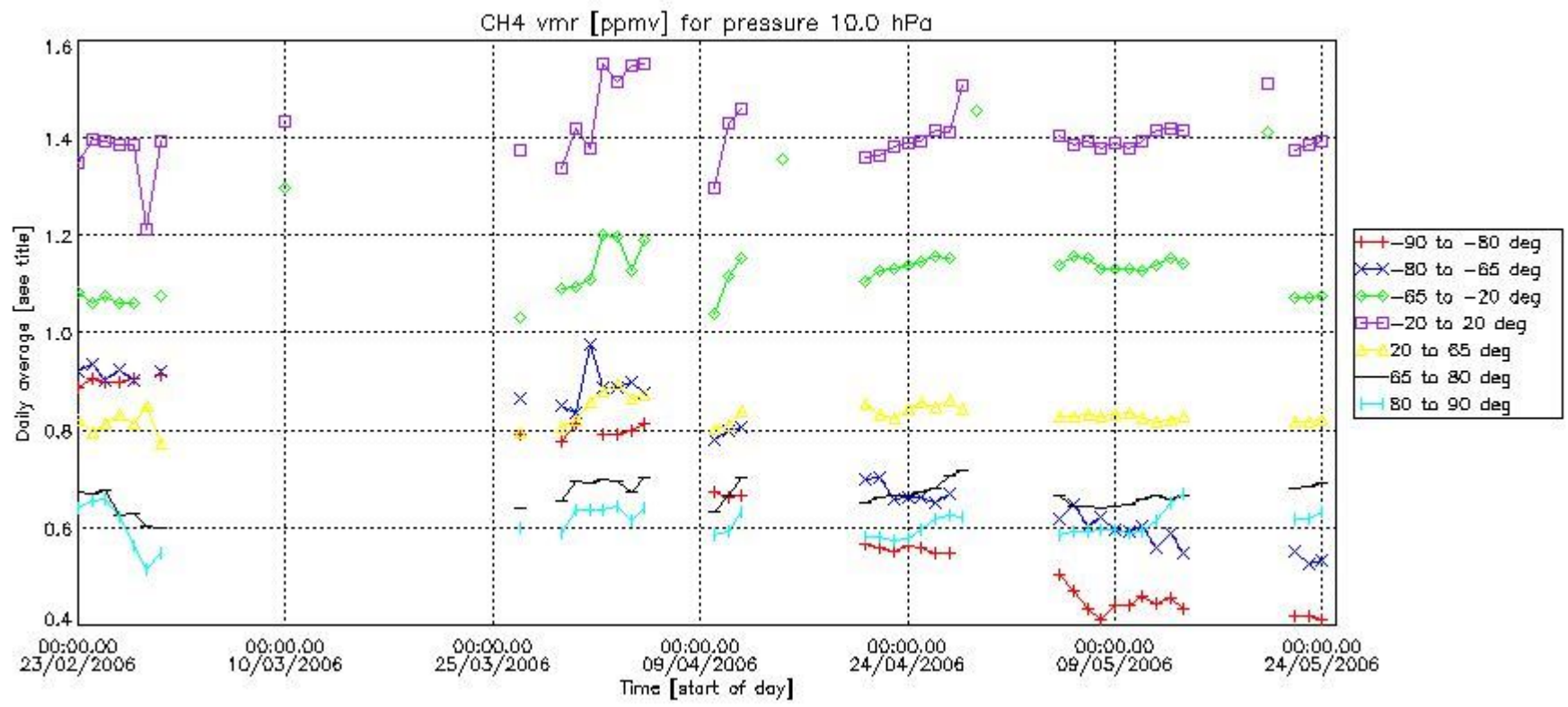


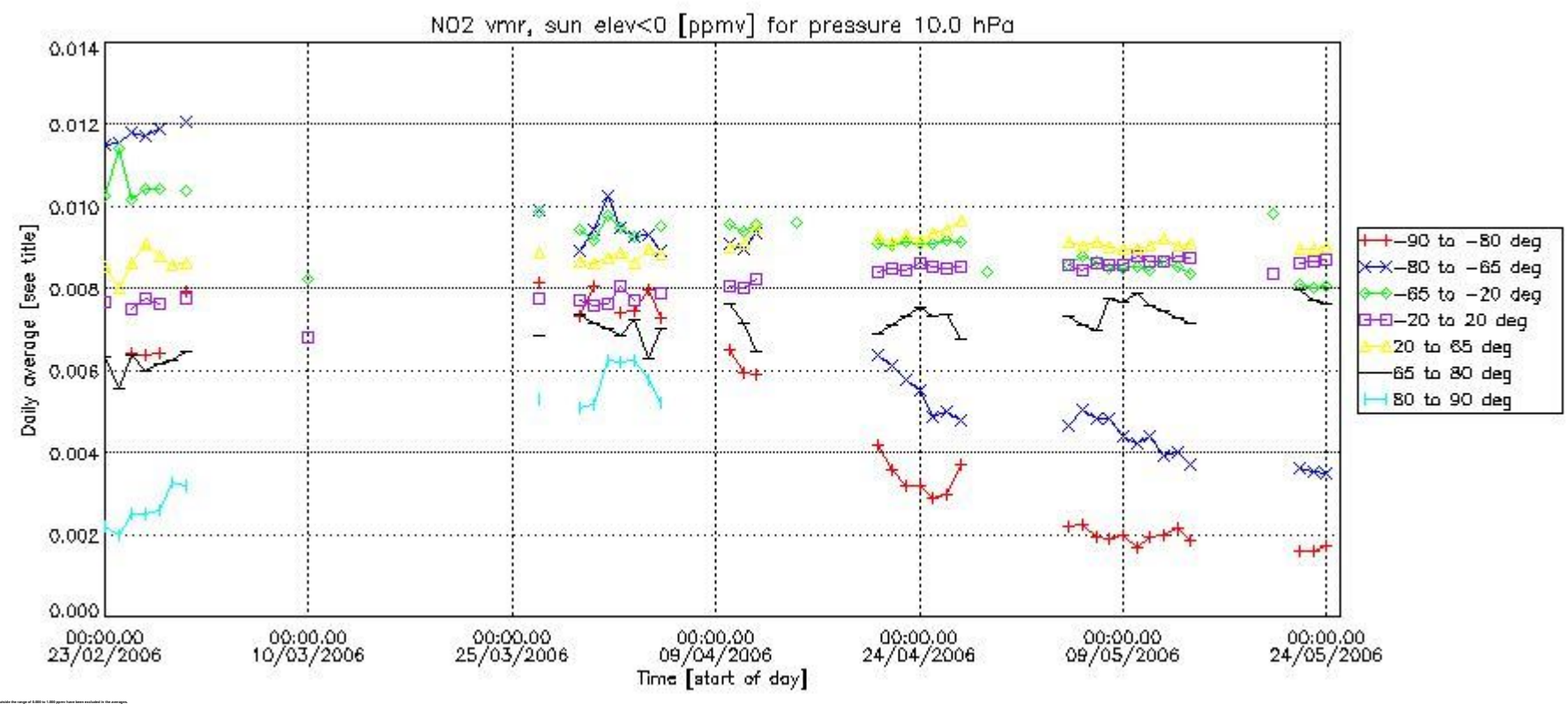
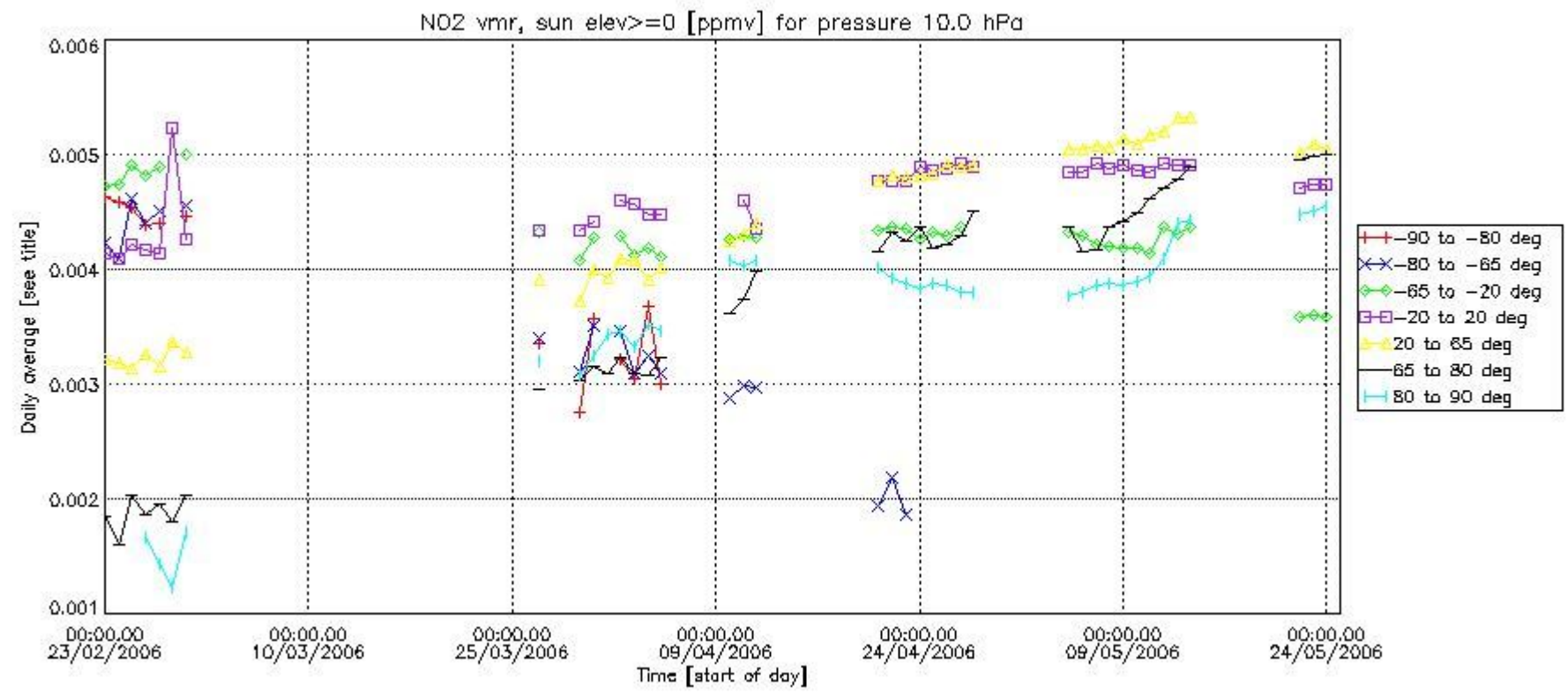


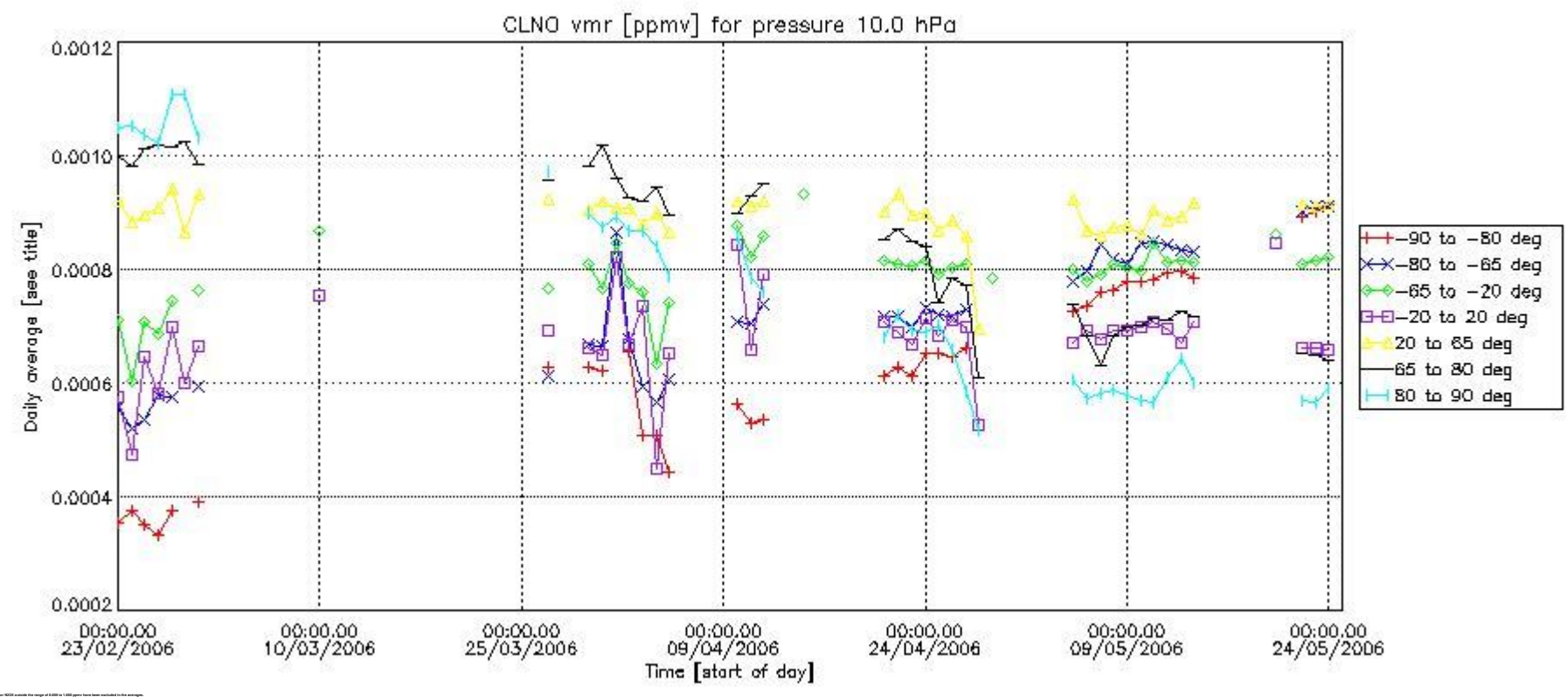
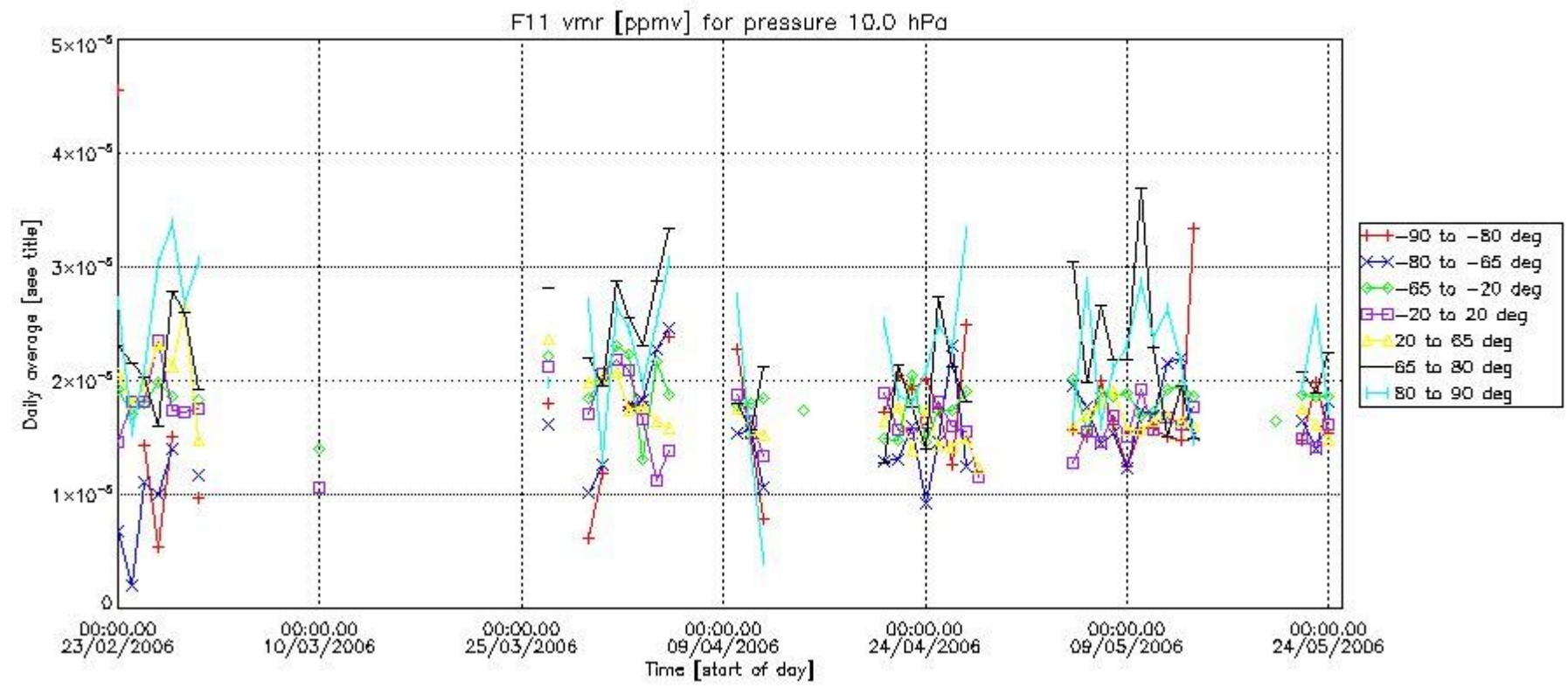


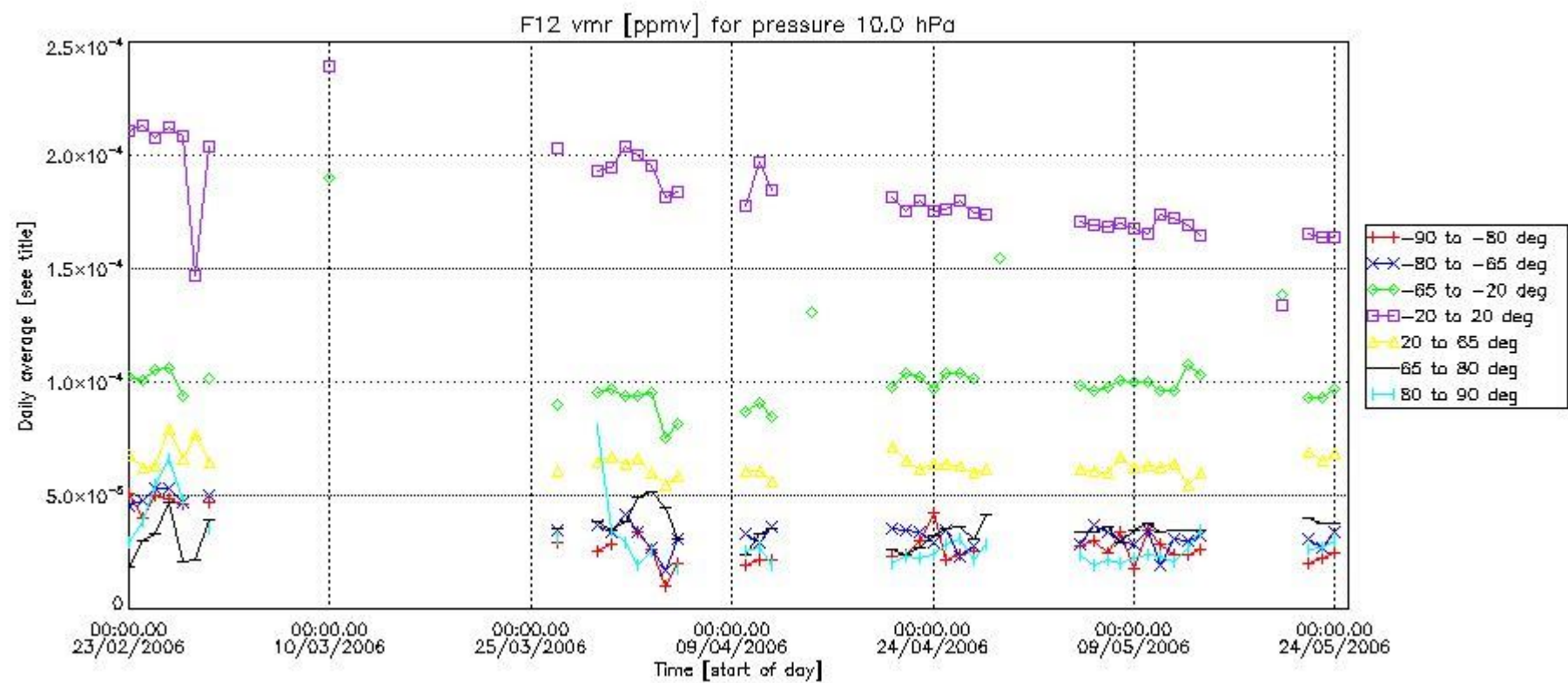
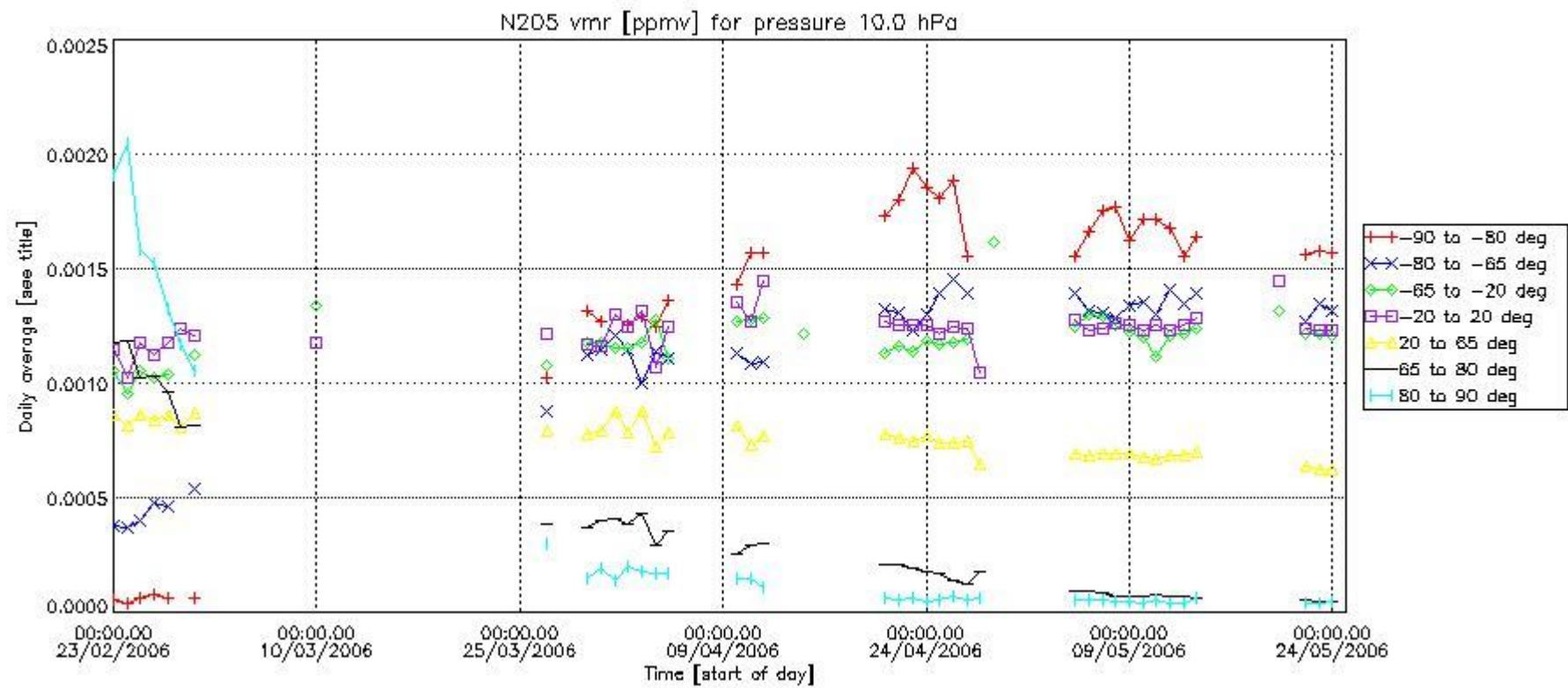


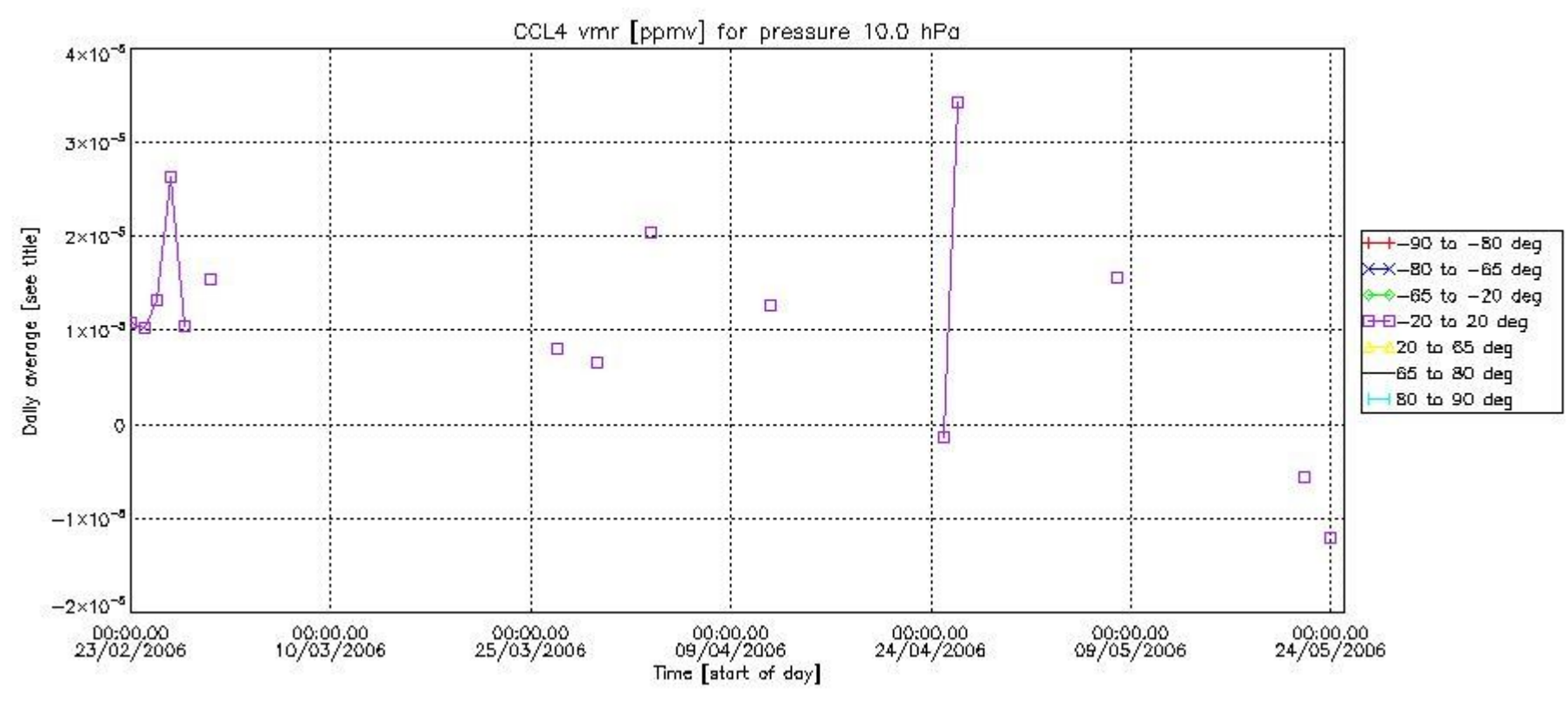
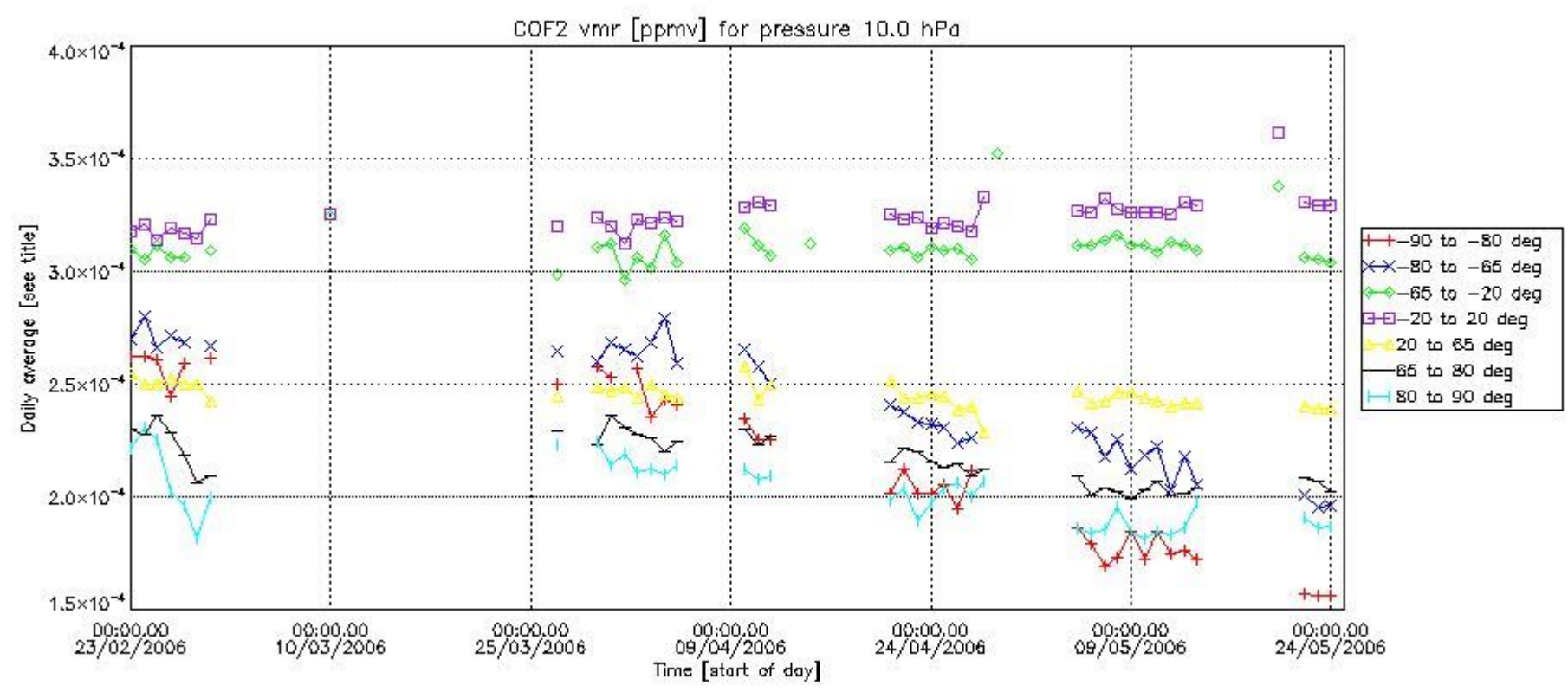


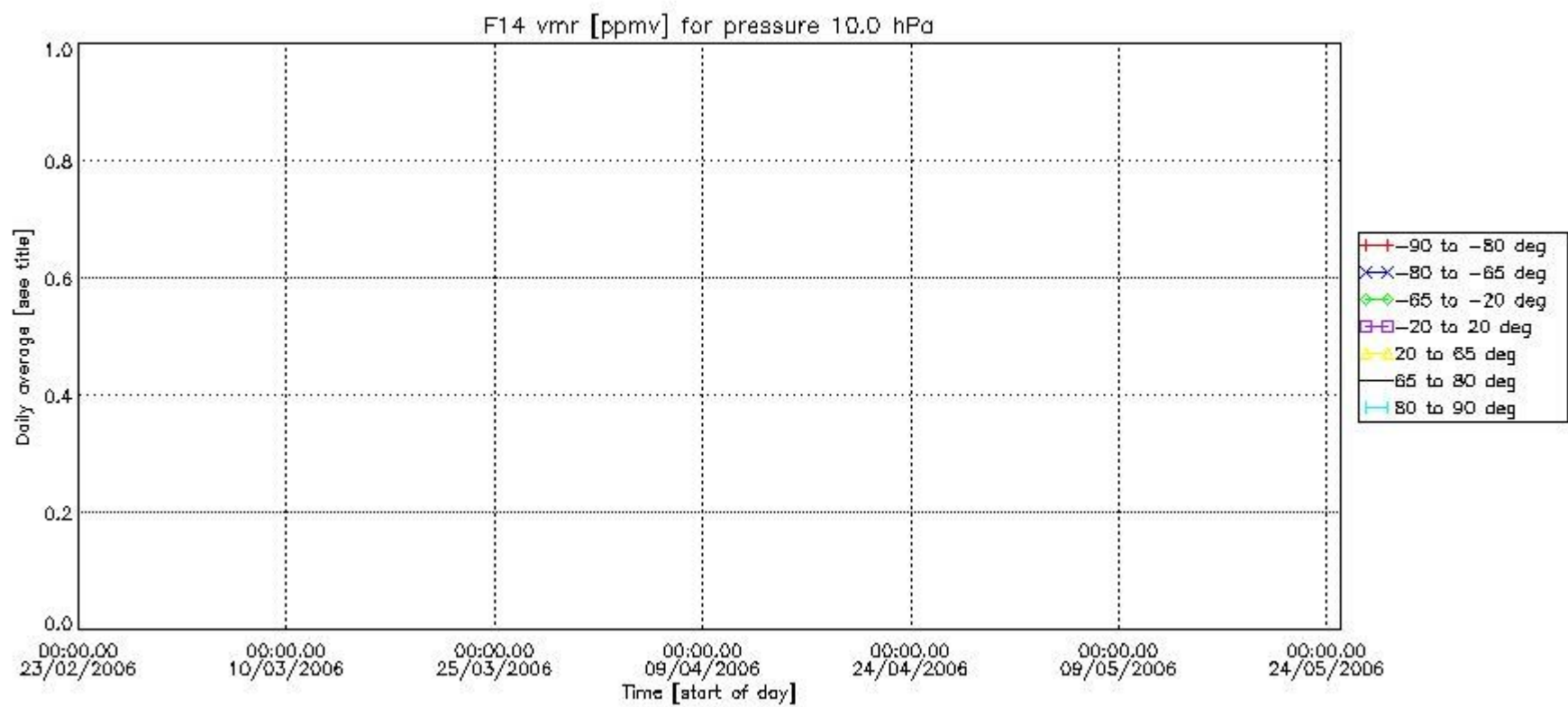
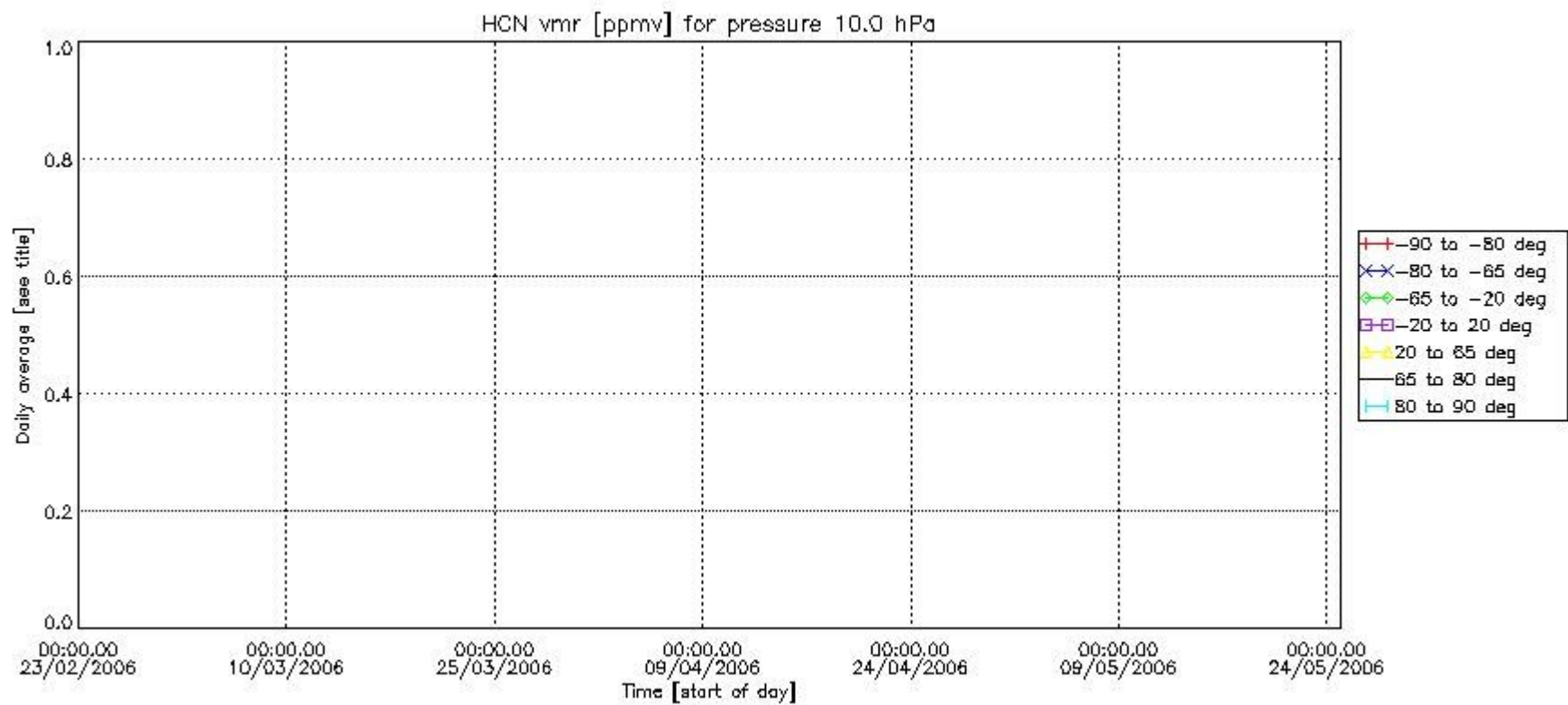


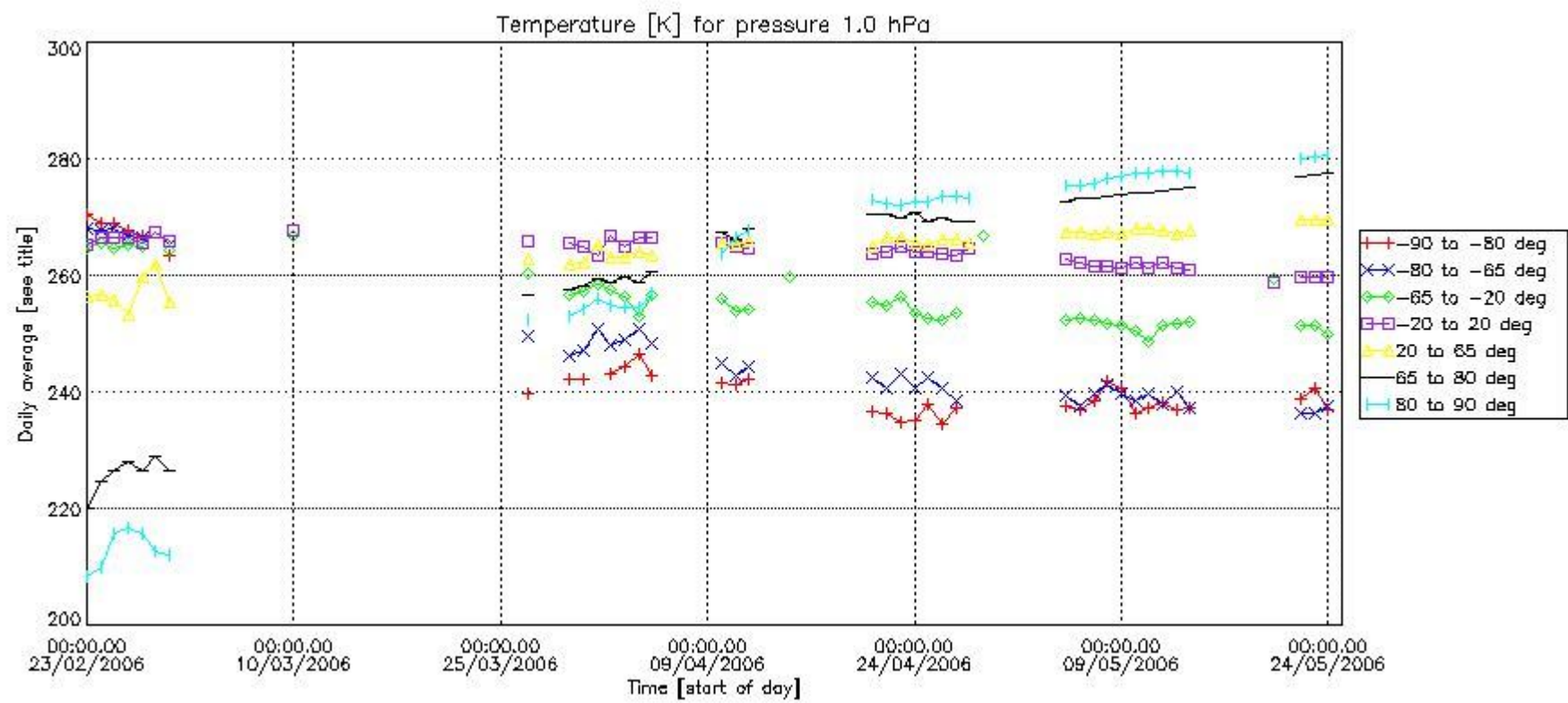
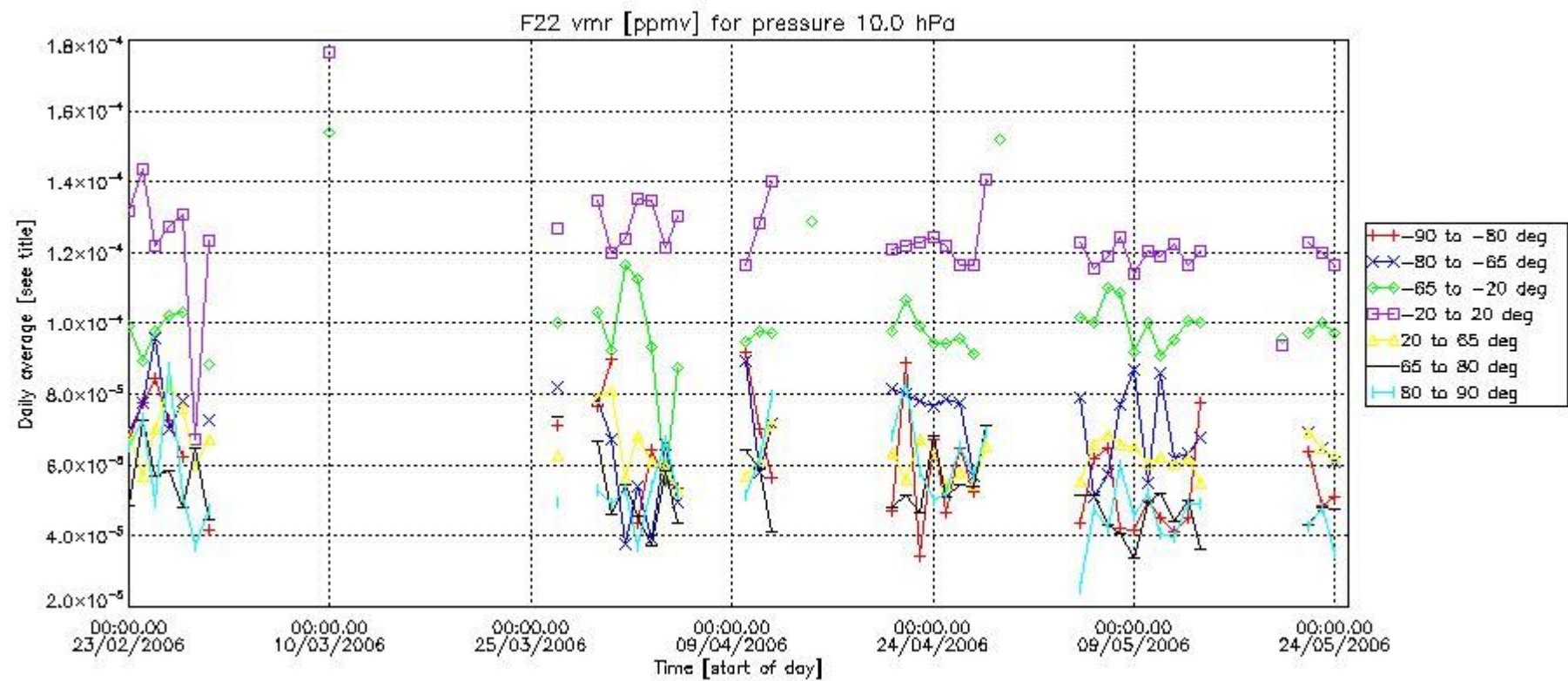


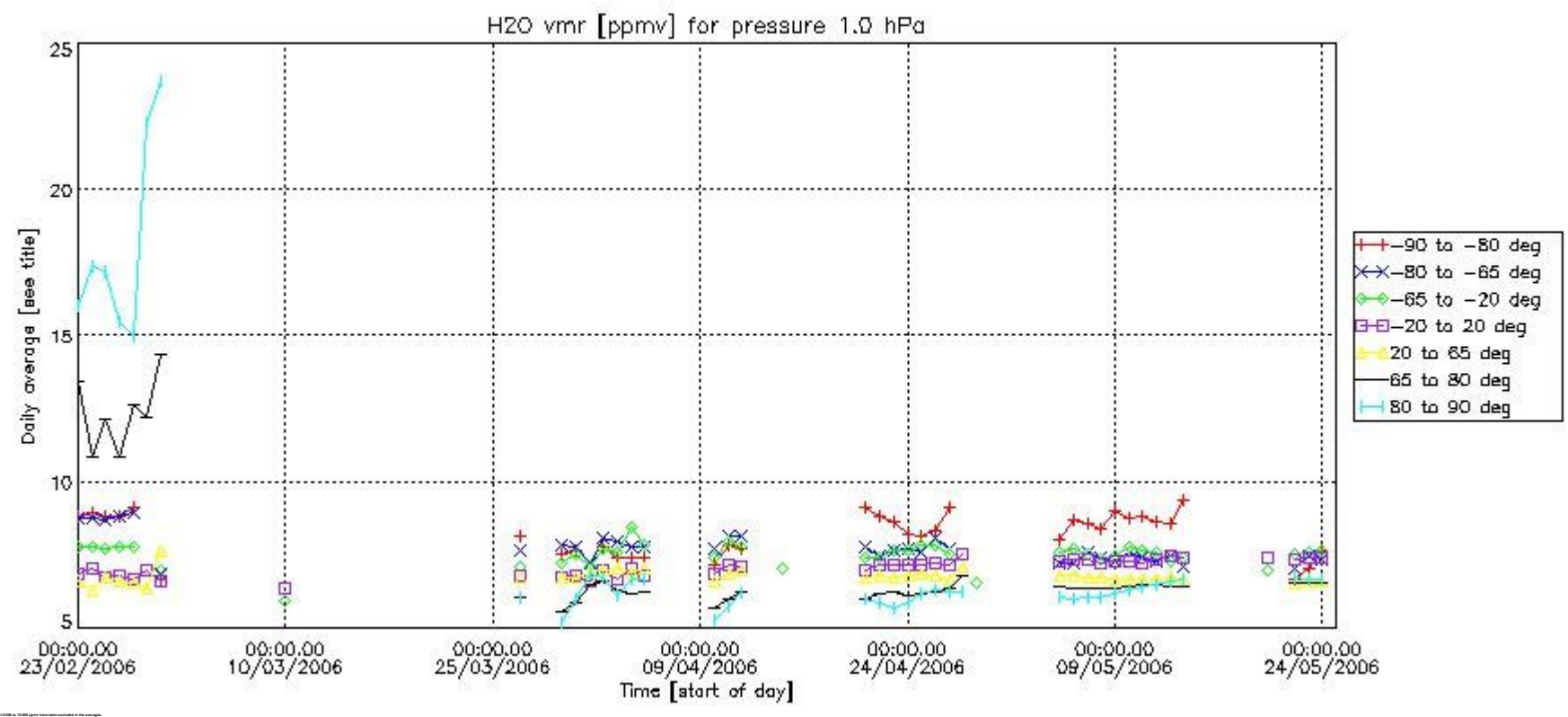
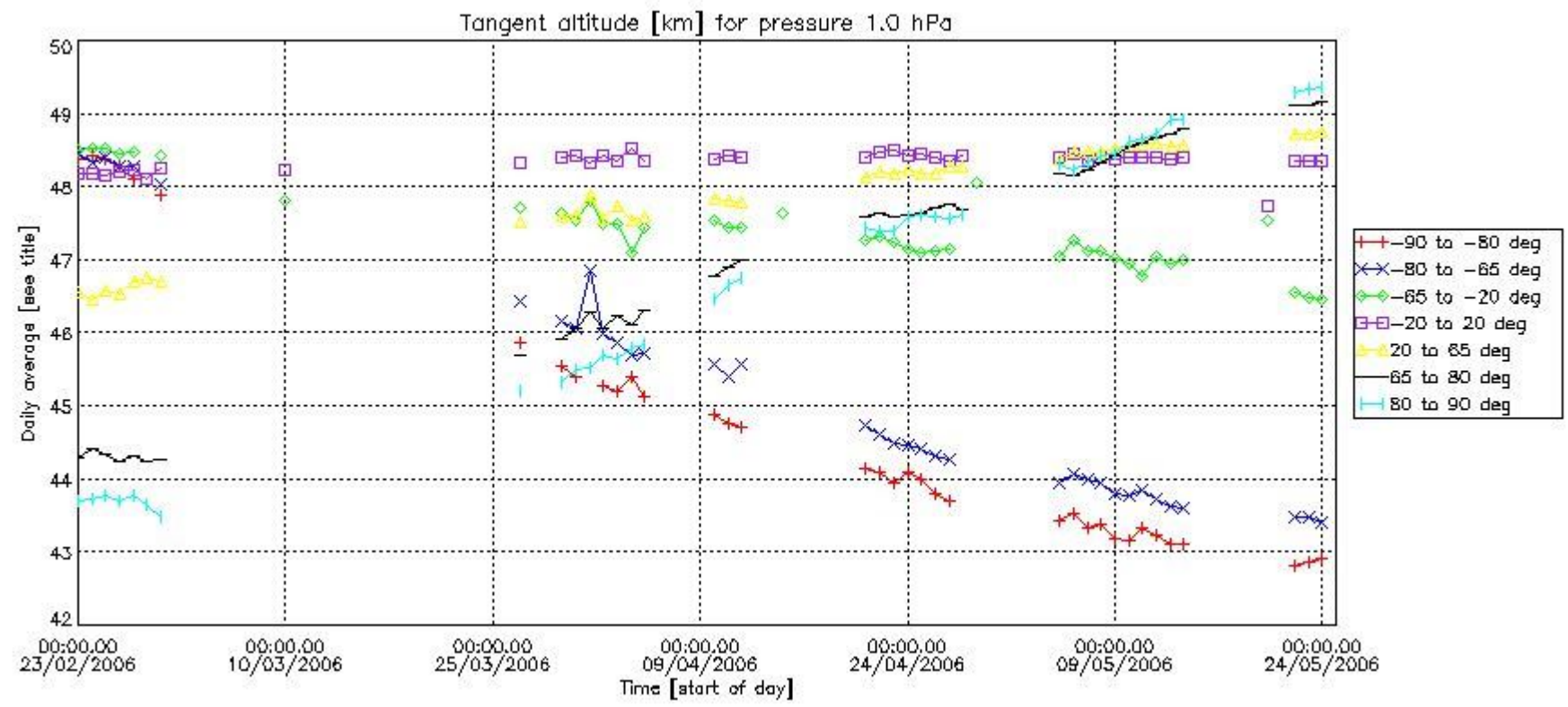


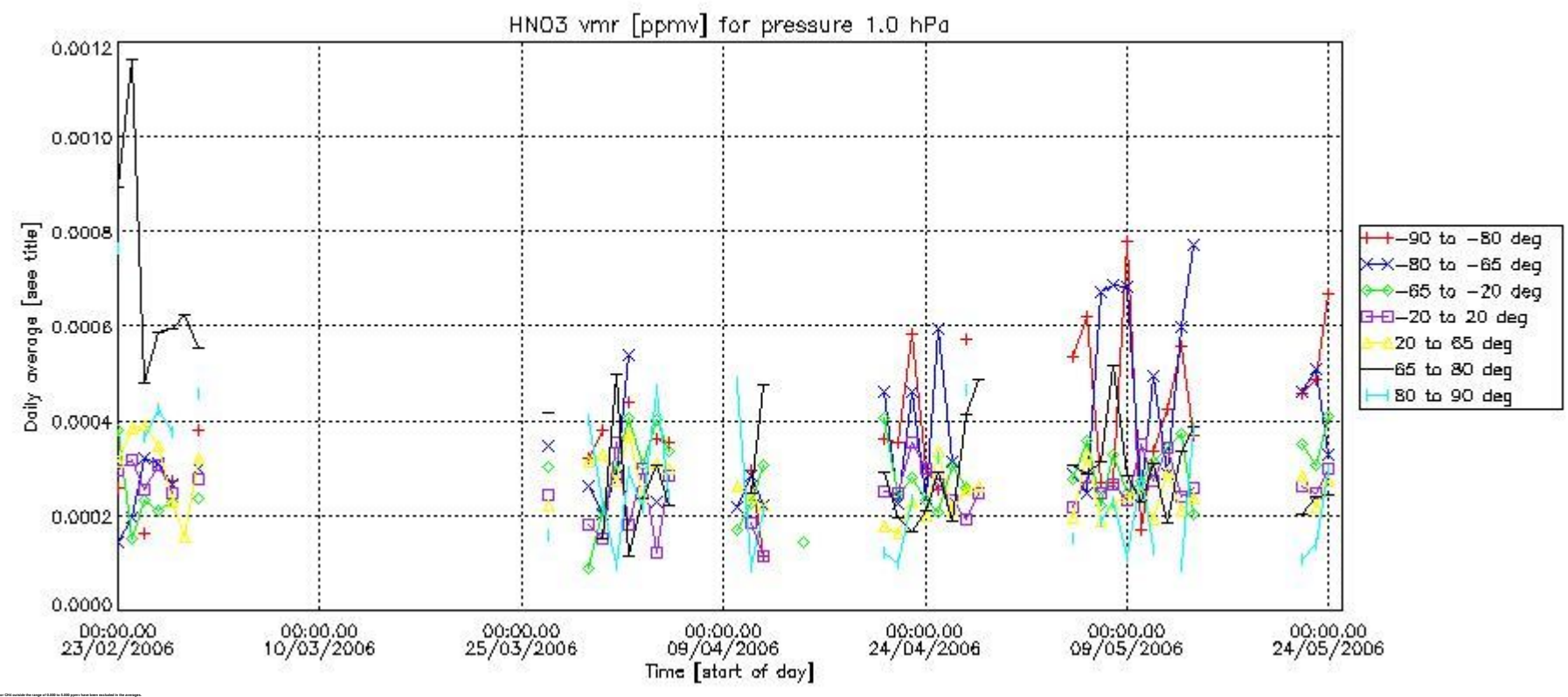
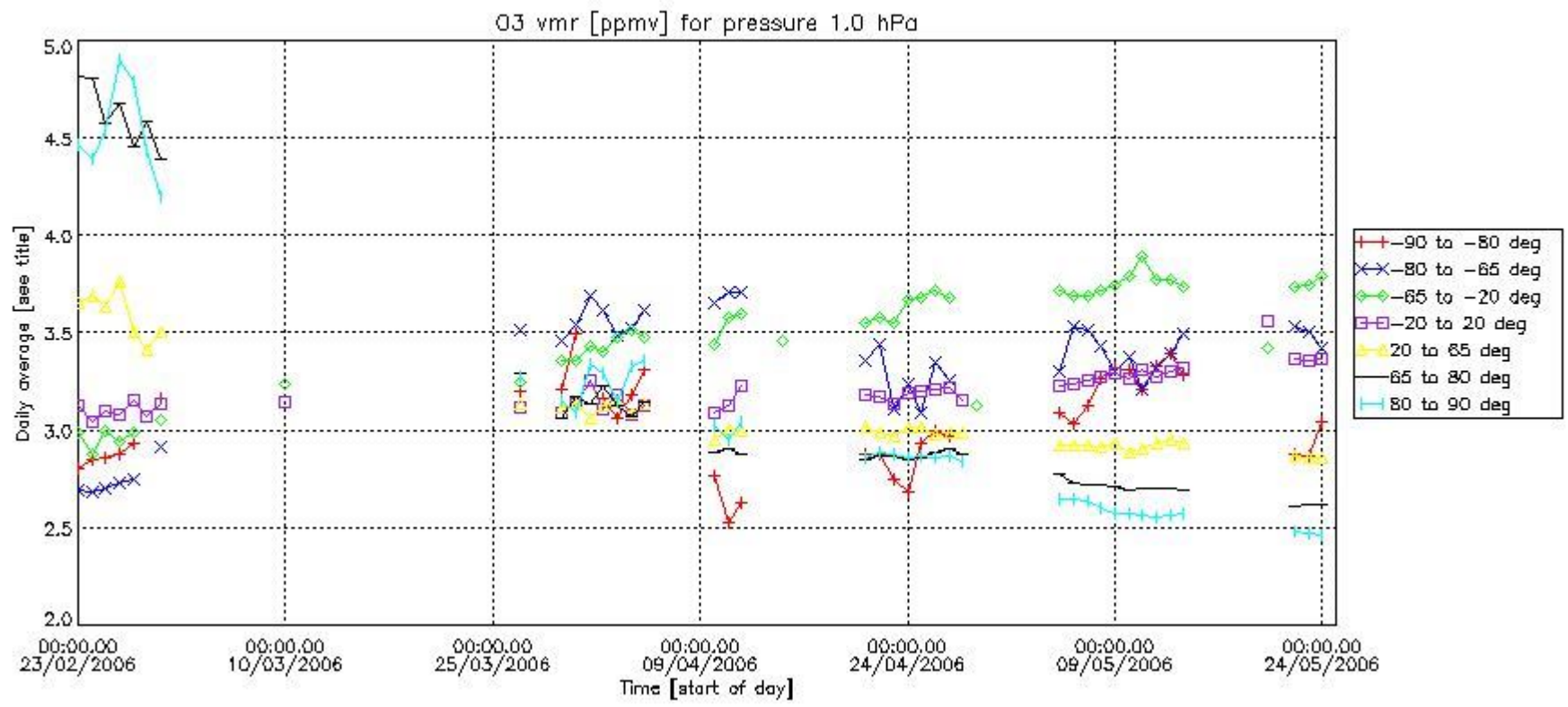


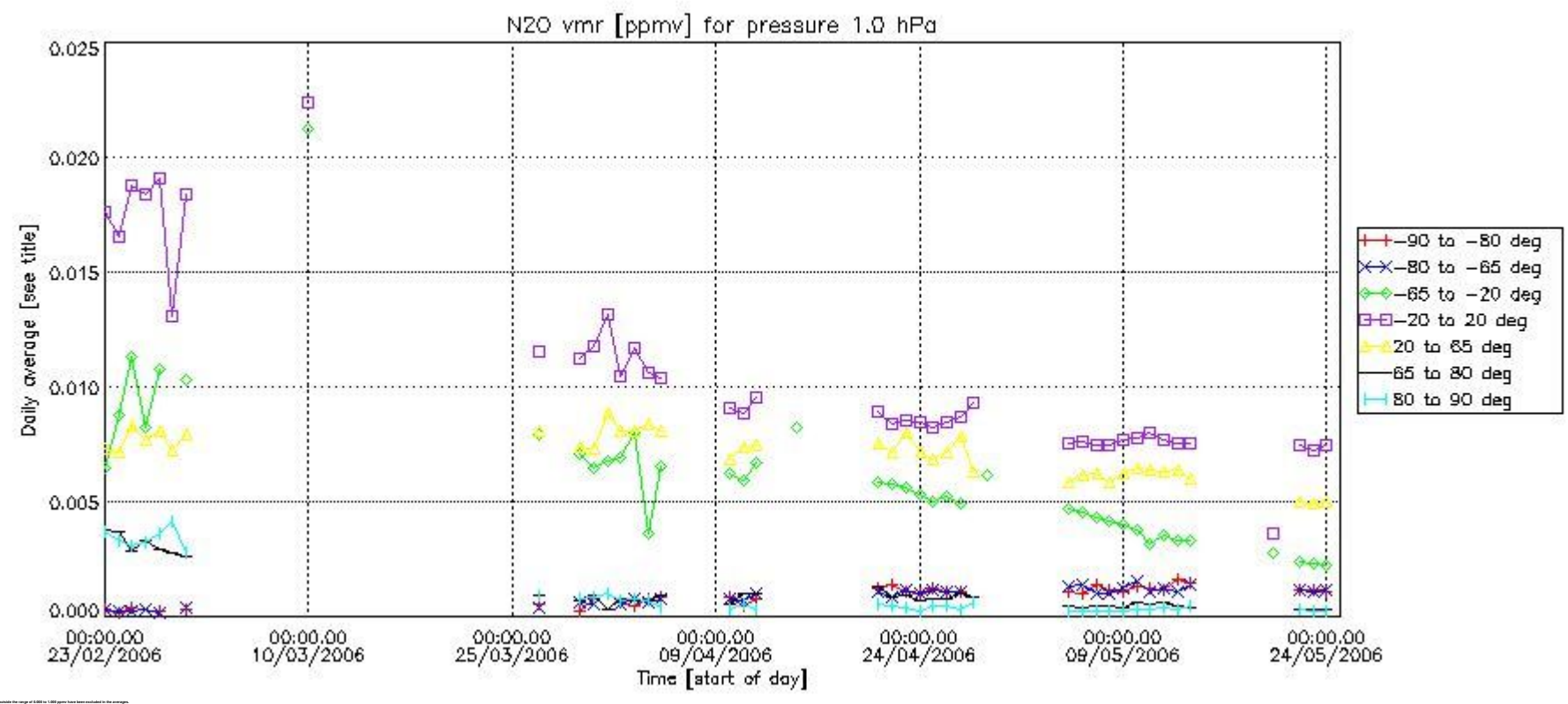
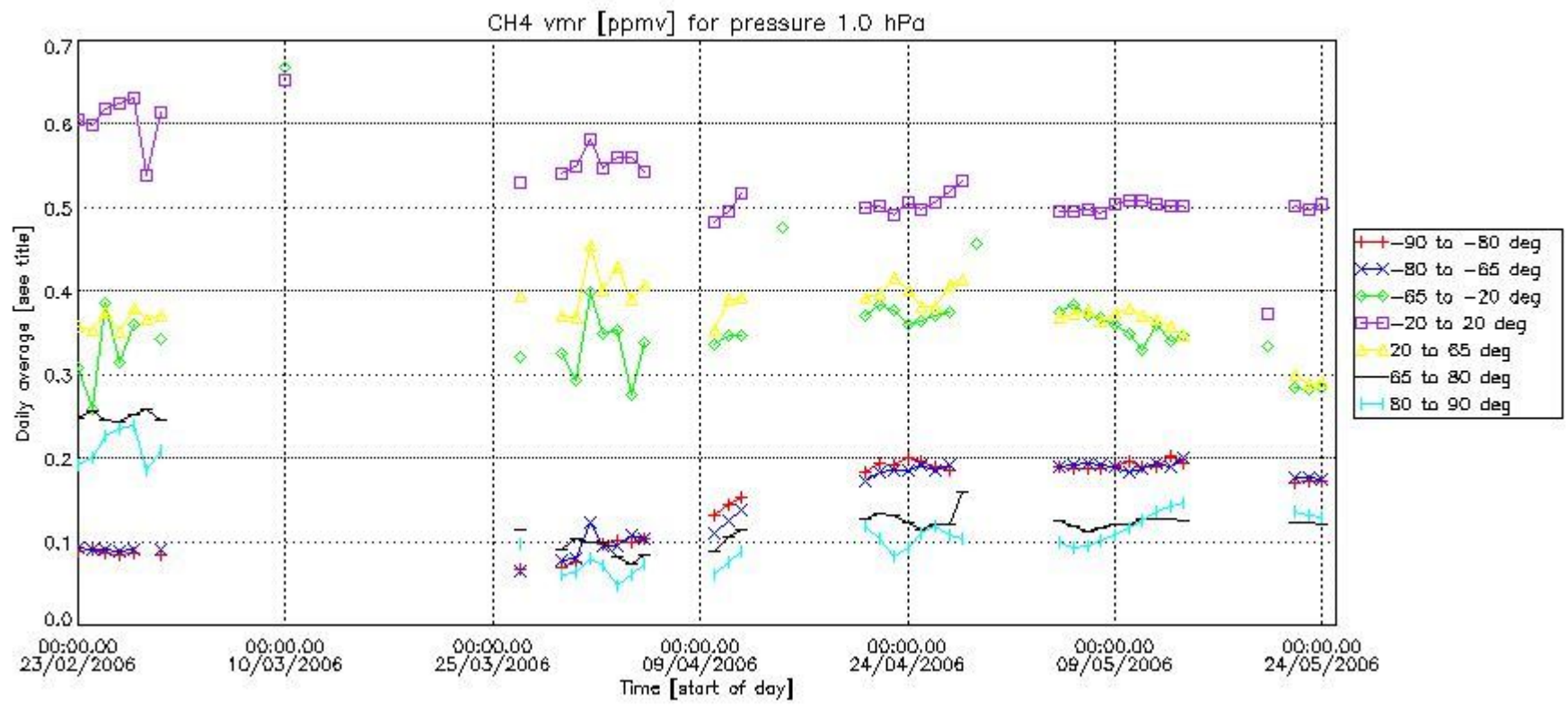


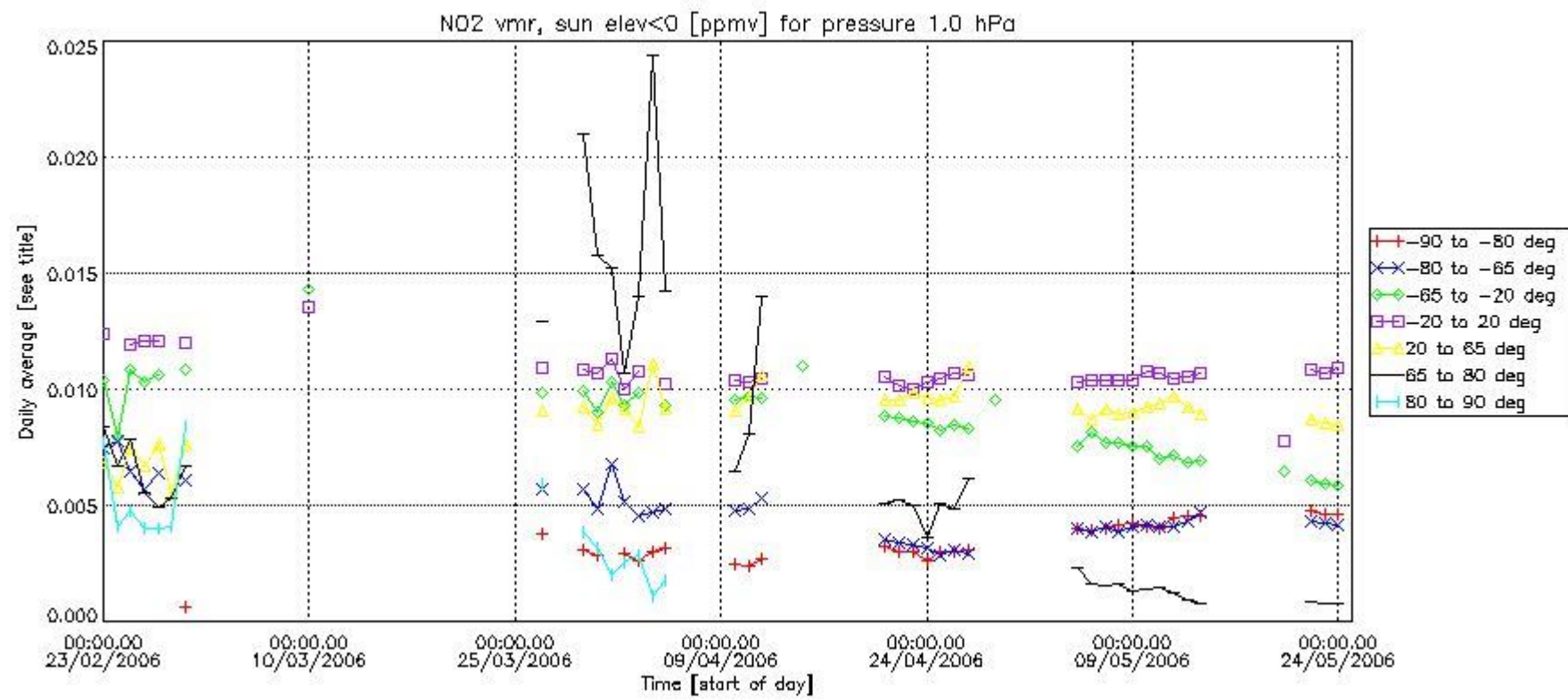
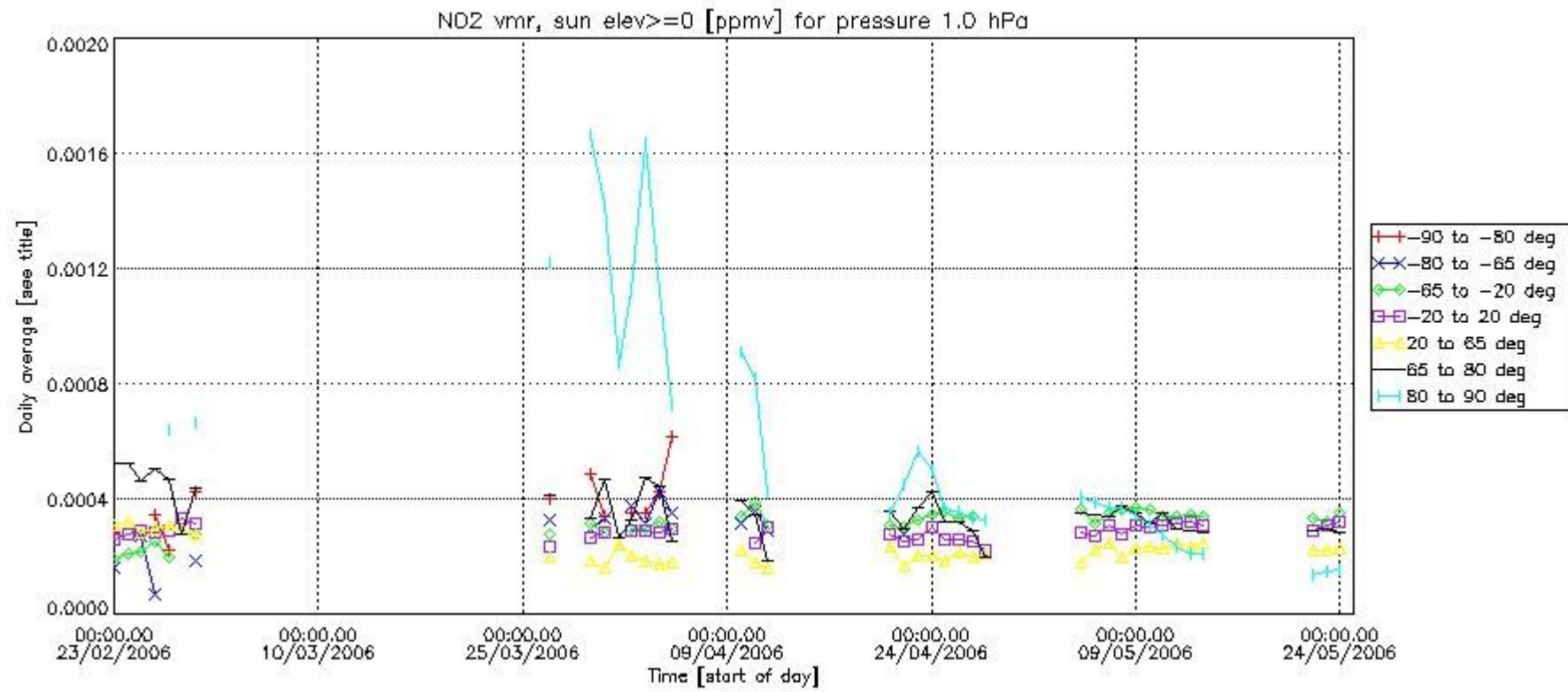


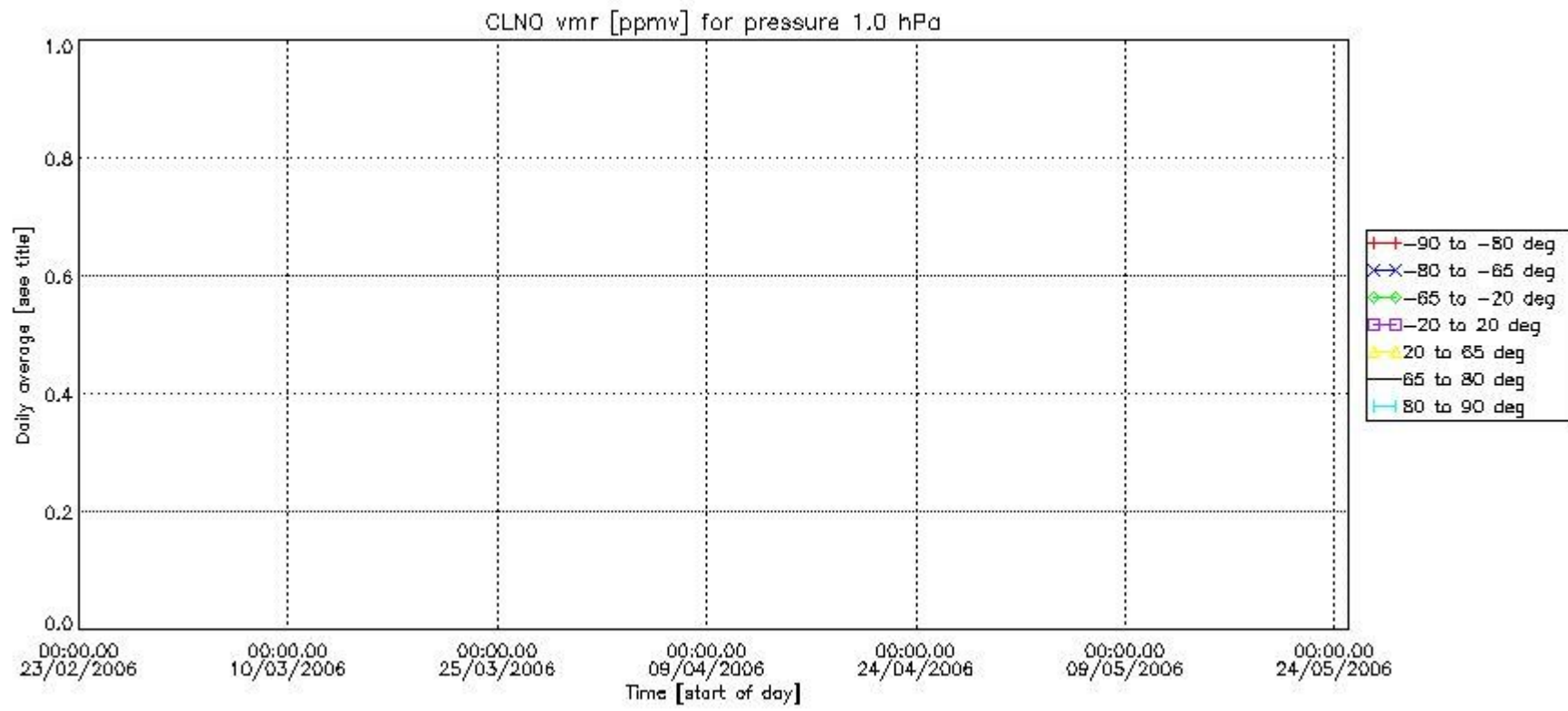
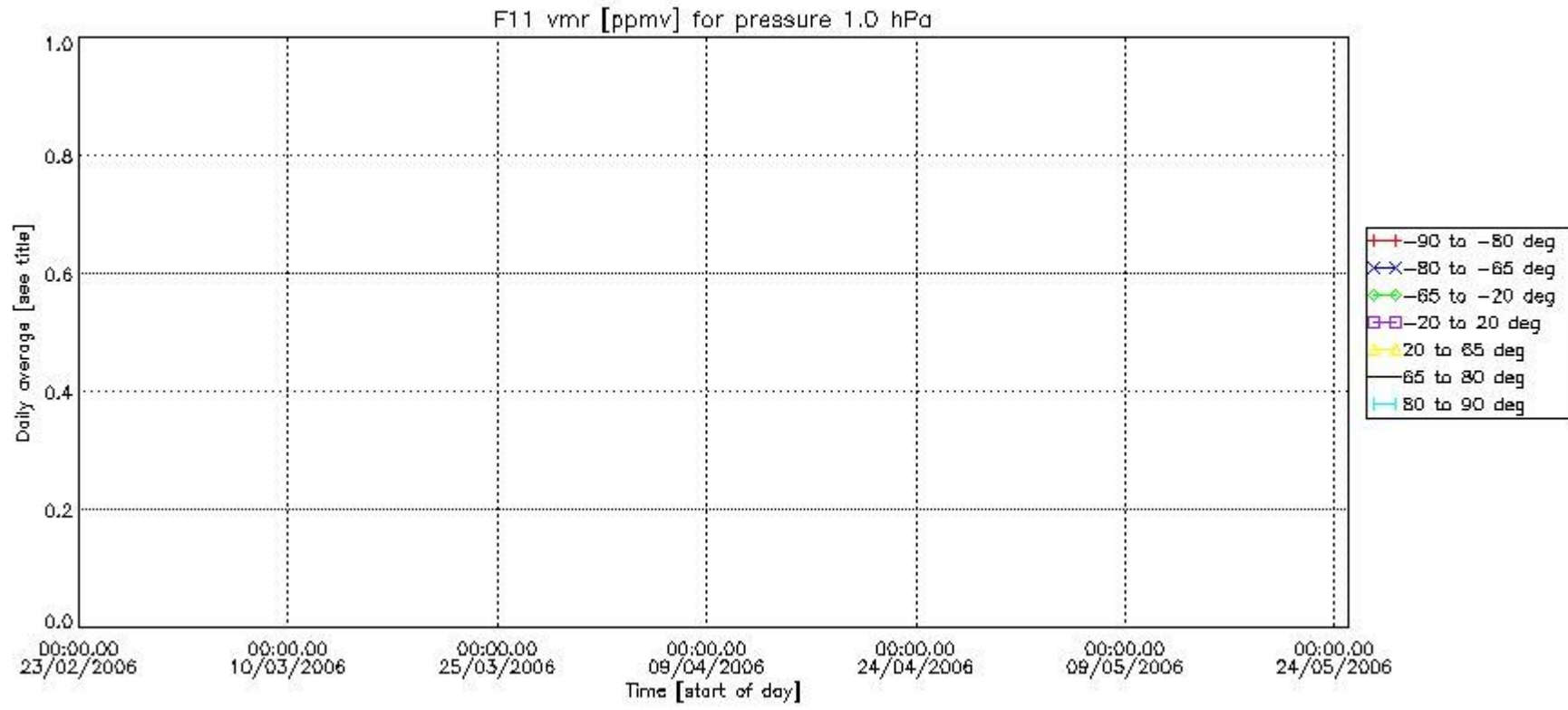


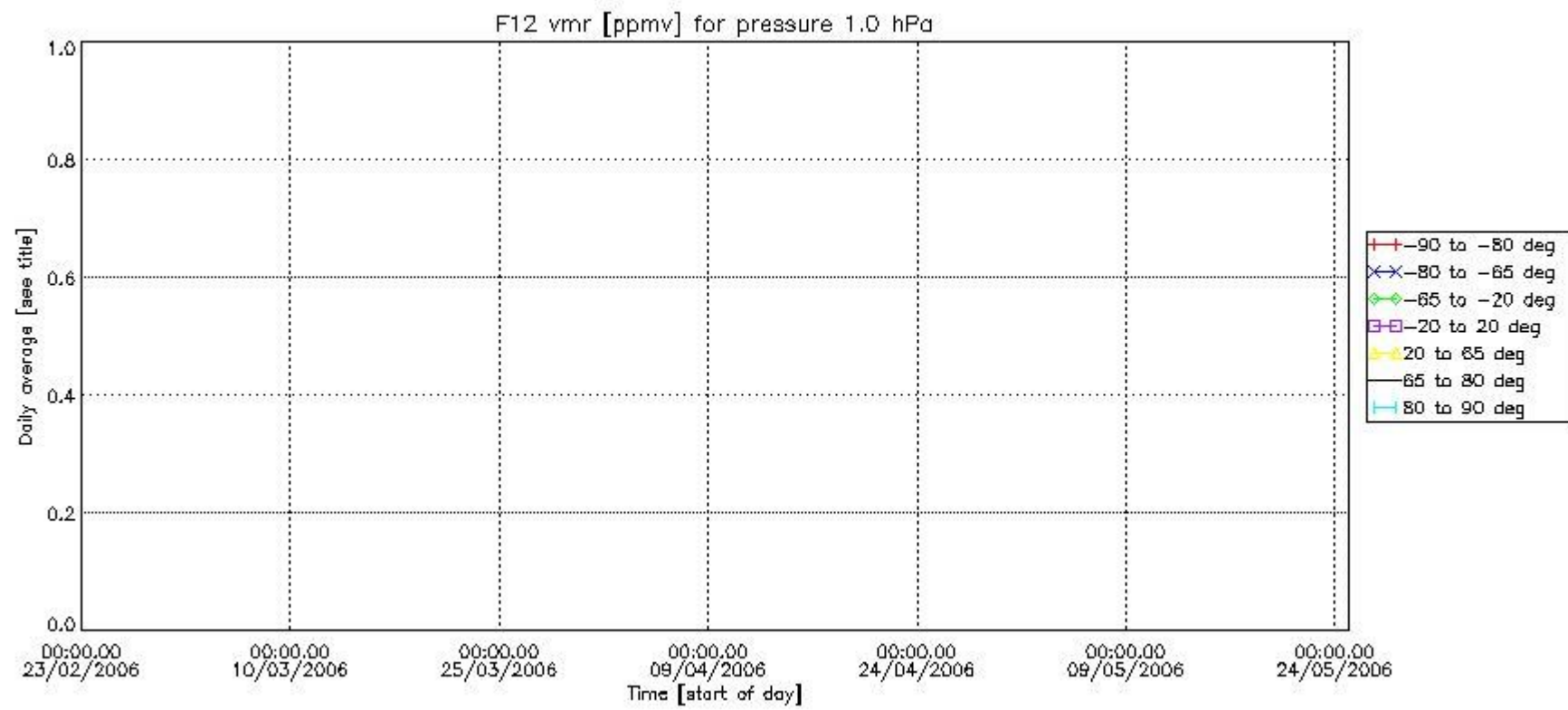
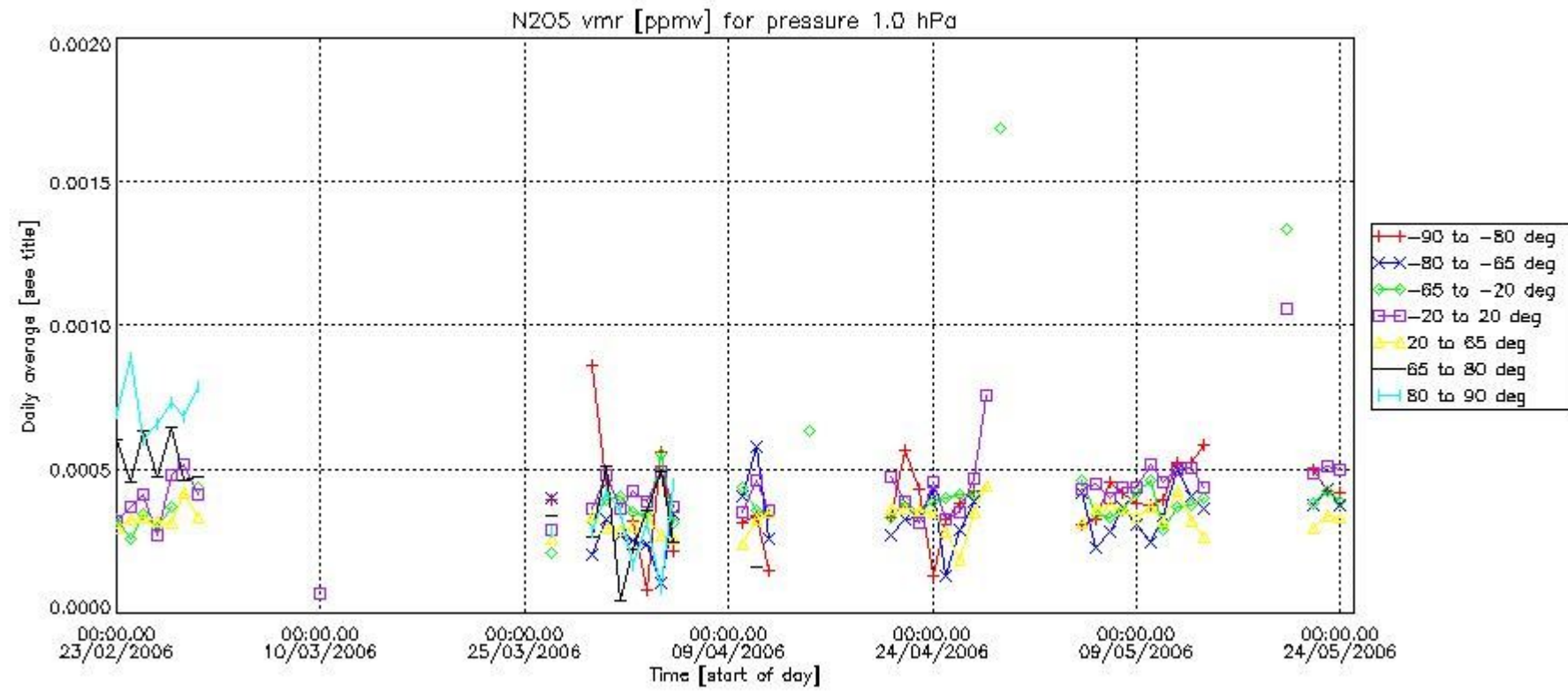


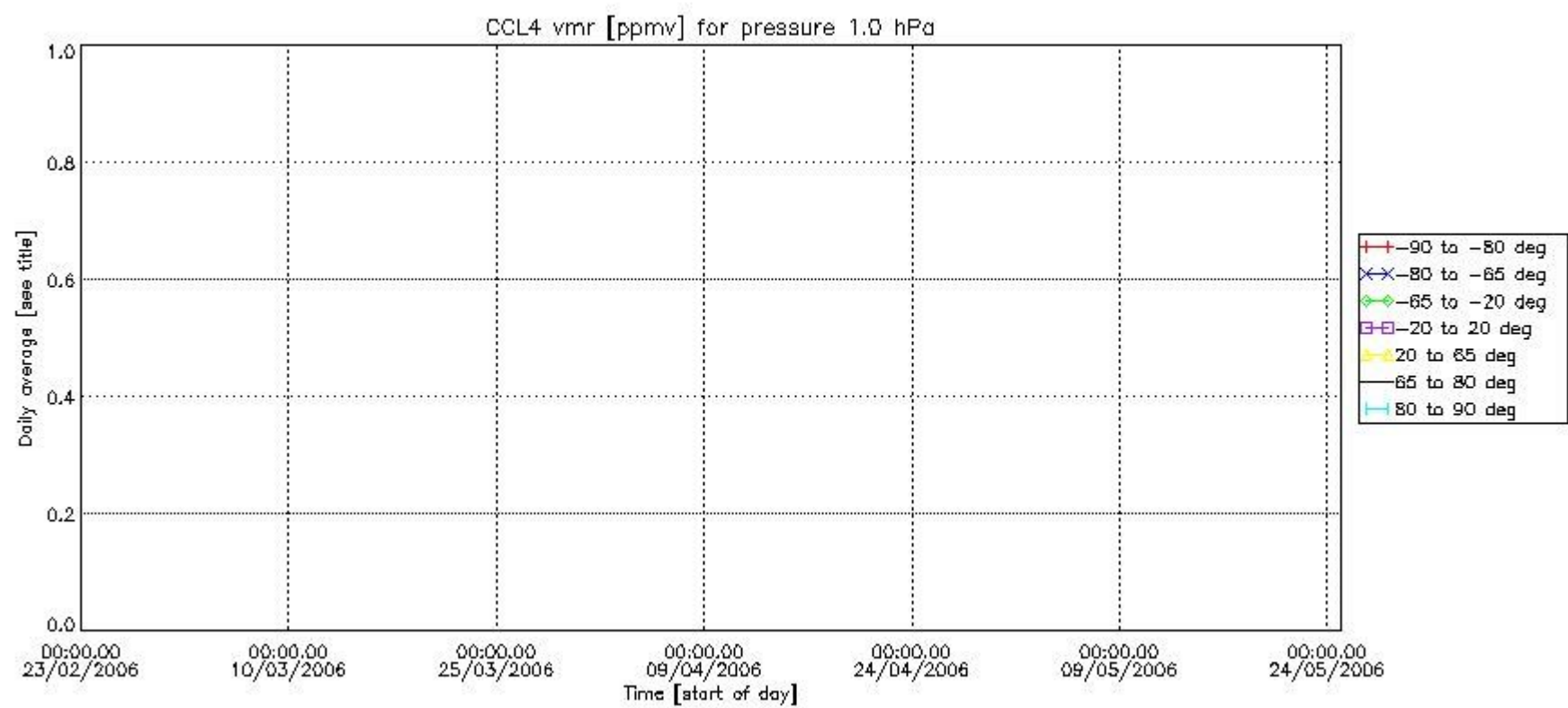
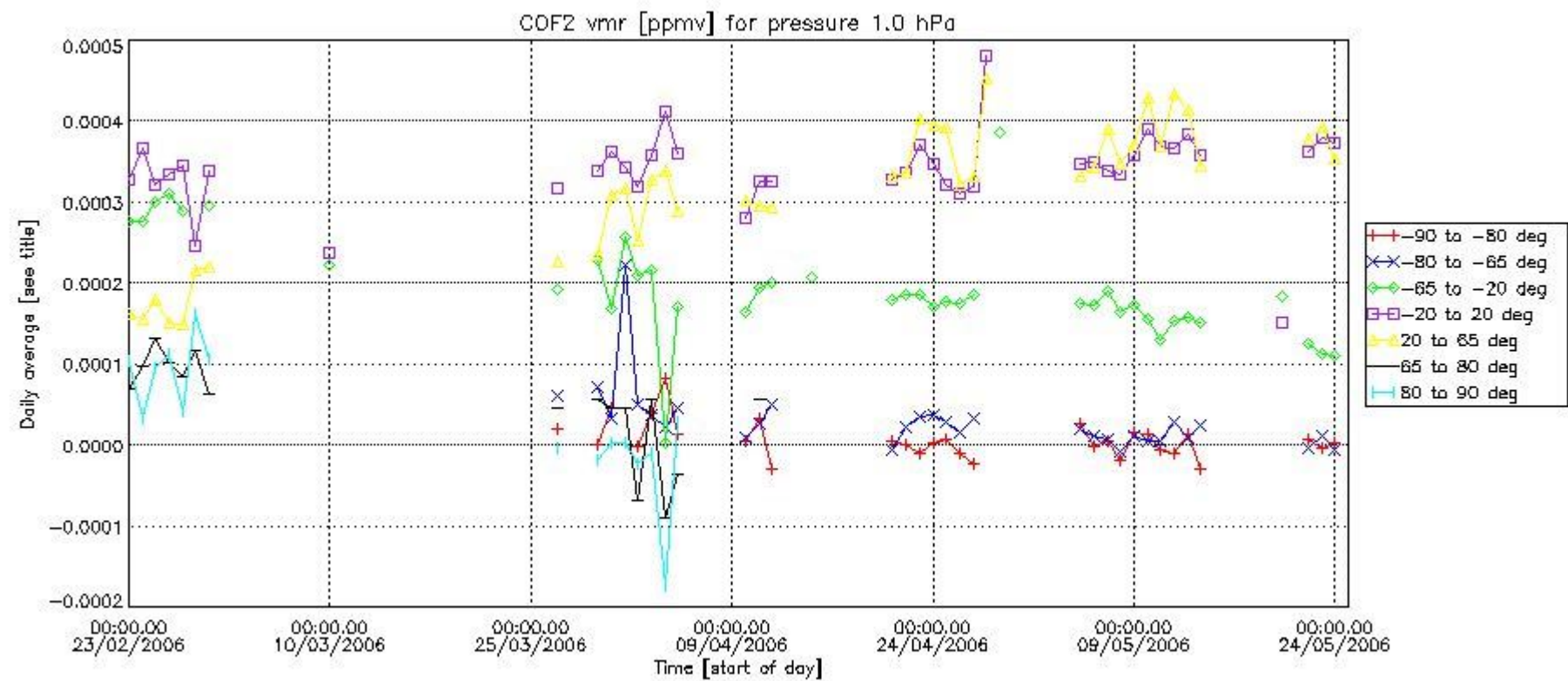


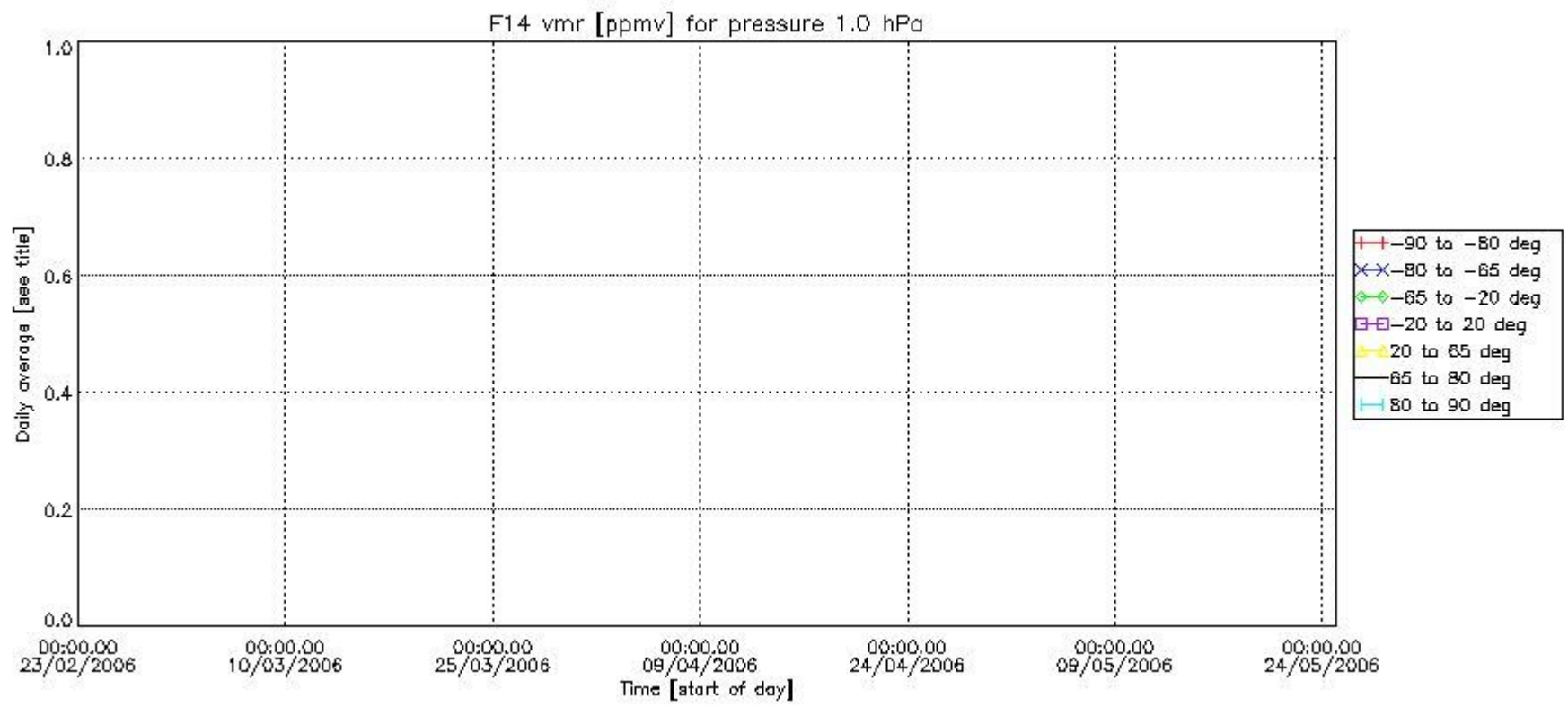
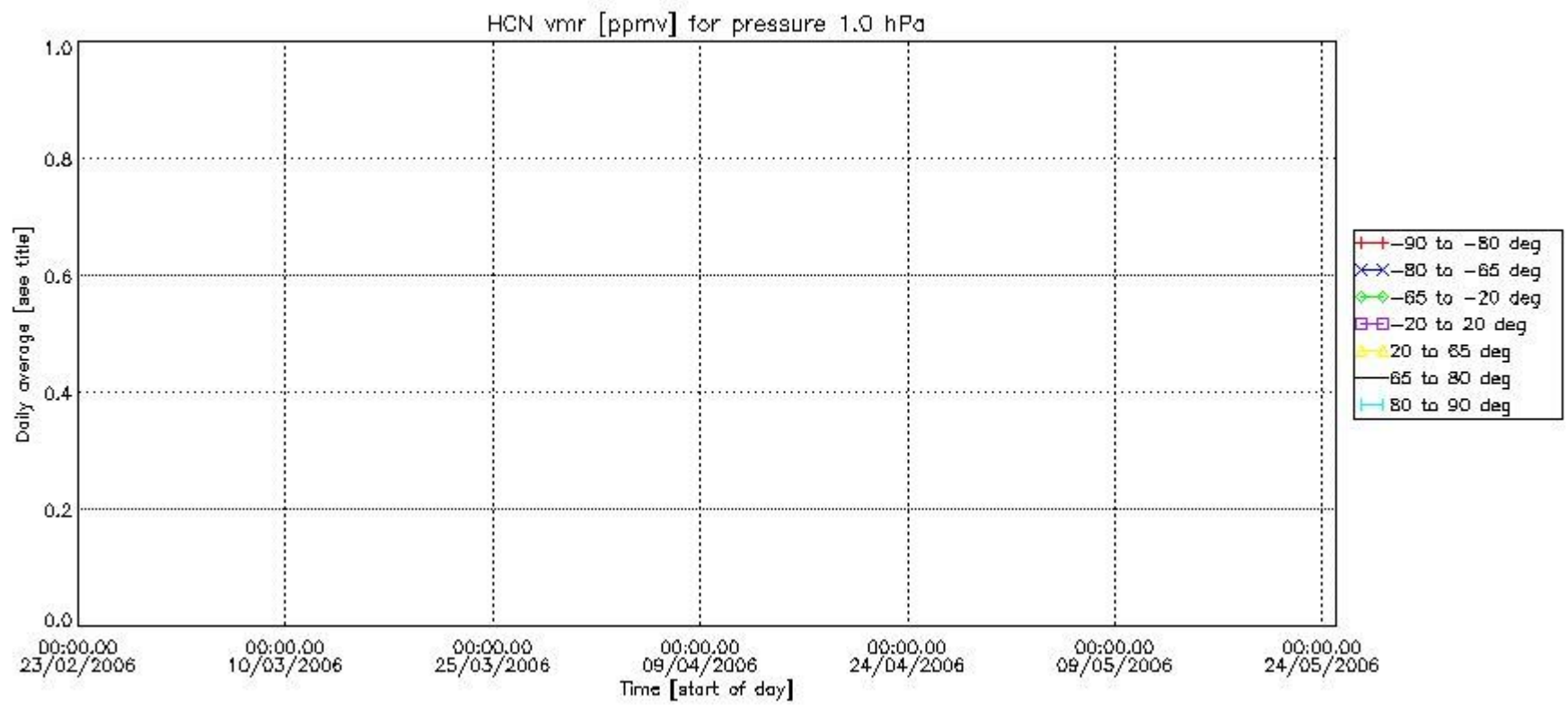


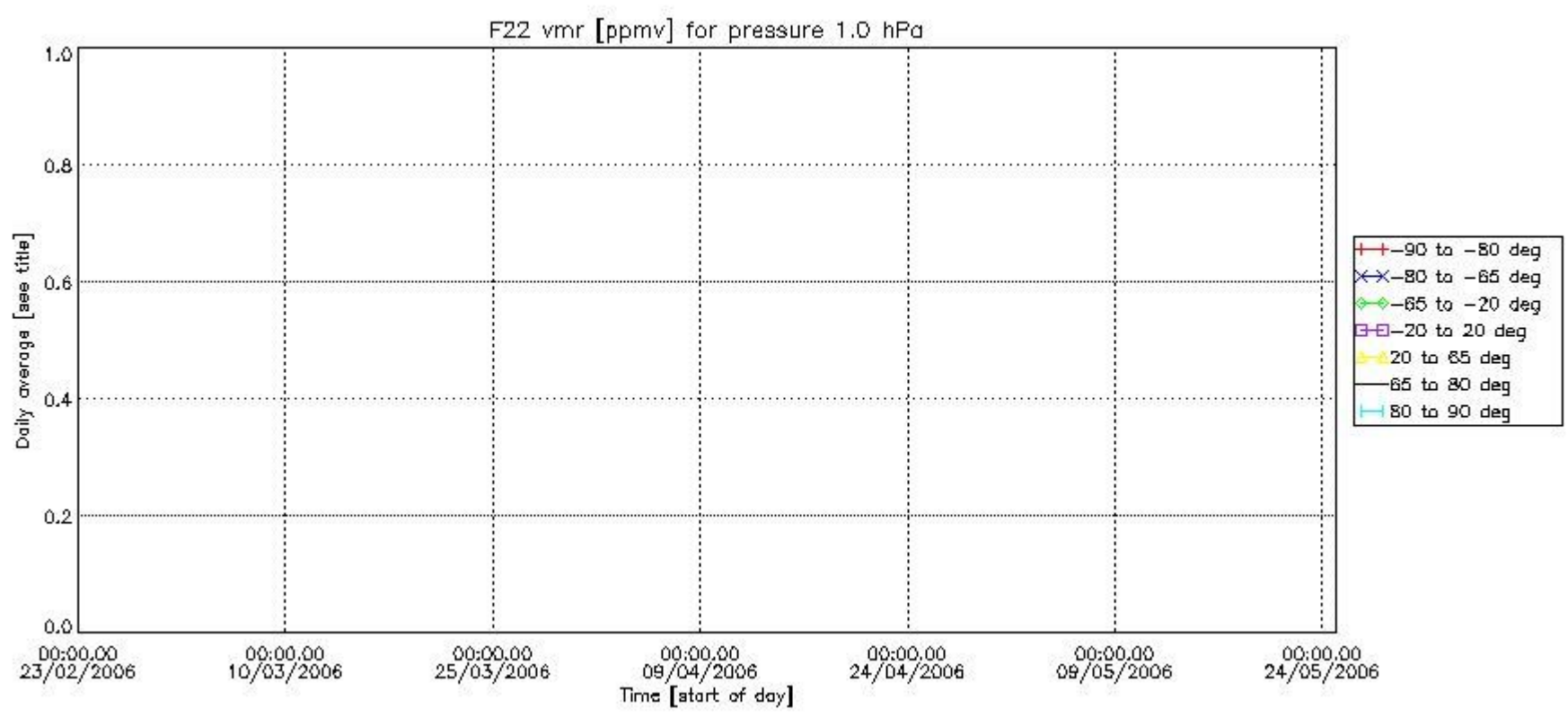












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

