

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060104.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 10:46:24
Data source version	ML2PP/7.03-W
Processing scope for products	04JAN2006 00:00:00 to 05JAN2006 00:00:00
Start time of first product within scope	04JAN2006 00:57:24
Stop time of last product within scope	05JAN2006 00:17:34
Total number of level 2 products	14
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.

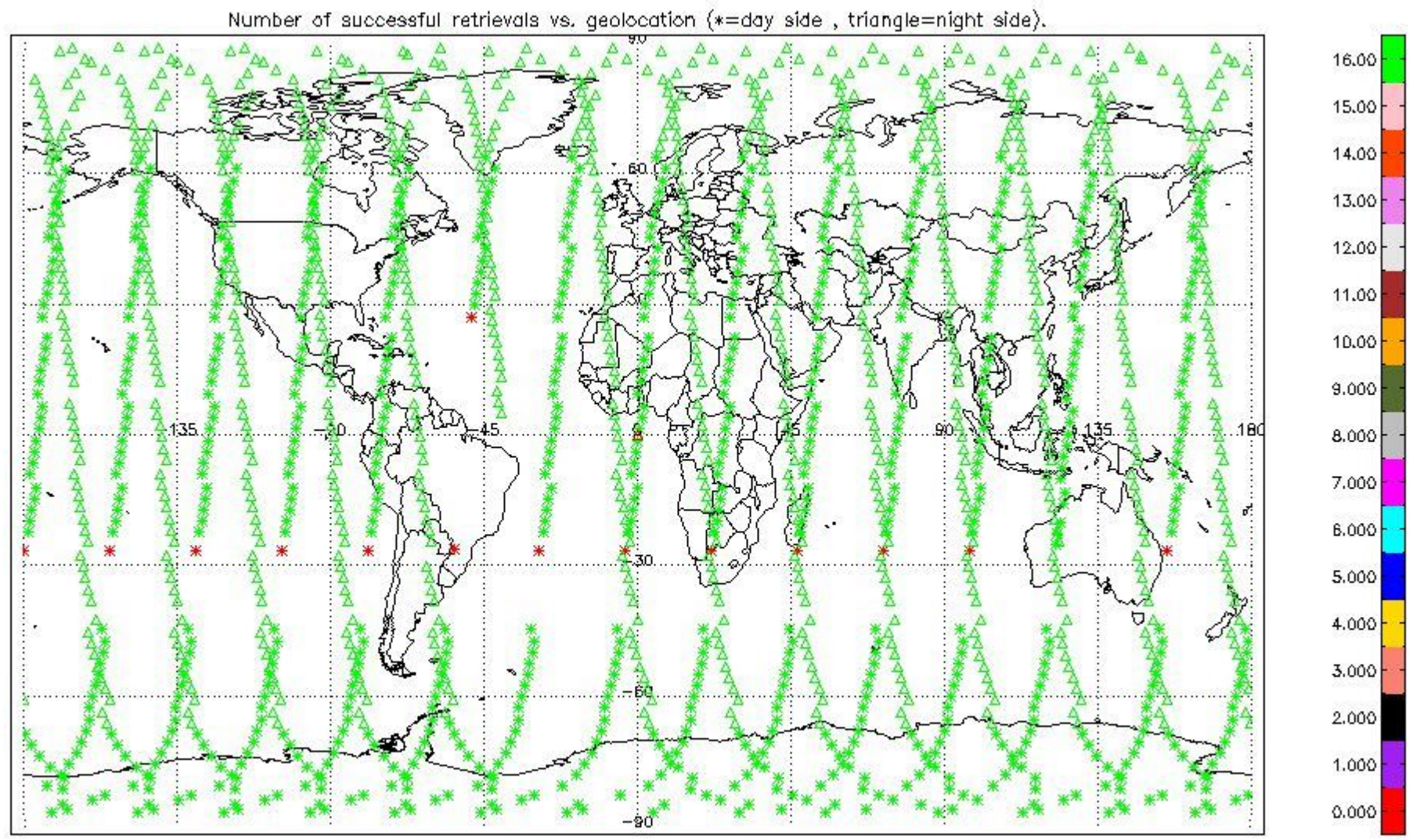
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20060104_005724_000054992044_00017_20111_1000.N1	04JAN2006 00:57:24	04JAN2006 02:29:03	0	116/116	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:1; F14/micro:1]
1	MIP_NL__2PWDSI20060104_022953_000060302044_00018_20112_1000.N1	04JAN2006 02:29:53	04JAN2006 04:10:23	0	128/128	
2	MIP_NL__2PWDSI20060104_041029_000060302044_00019_20113_1000.N1	04JAN2006 04:10:29	04JAN2006 05:50:59	0	128/128	VMR_TERM_MACRO_MICRO[F11/macro:1; HCN/micro:1]
3	MIP_NL__2PWDSI20060104_055105_000060302044_00020_20114_1000.N1	04JAN2006 05:51:05	04JAN2006 07:31:35	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:4]
4	MIP_NL__2PWDSI20060104_073141_000060302044_00021_20115_1000.N1	04JAN2006 07:31:41	04JAN2006 09:12:11	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:1]
5	MIP_NL__2PWDSI20060104_091217_000060302044_00022_20116_1000.N1	04JAN2006 09:12:17	04JAN2006 10:52:47	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
6	MIP_NL__2PWDSI20060104_105253_000060302044_00023_20117_1000.N1	04JAN2006 10:52:53	04JAN2006 12:33:22	0	128/128	VMR_TERM_MACRO_MICRO[CH4/micro:1; HCN/micro:2]
7	MIP_NL__2PWDSI20060104_123329_000060302044_00024_20118_1000.N1	04JAN2006 12:33:29	04JAN2006 14:13:58	0	110/110	VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:2; F14/micro:1]
8	MIP_NL__2PWDSI20060104_141404_000060302044_00025_20119_1000.N1	04JAN2006 14:14:04	04JAN2006 15:54:34	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:3; HCN/micro:1]
9	MIP_NL__2PWDSI20060104_155440_000060302044_00026_20120_1000.N1	04JAN2006 15:54:40	04JAN2006 17:35:10	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
10	MIP_NL__2PWDSI20060104_173516_000060302044_00027_20121_1000.N1	04JAN2006 17:35:16	04JAN2006 19:15:46	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1; O3/micro:1; HCN/micro:2]
11	MIP_NL__2PWDSI20060104_191553_000060302044_00028_20122_1000.N1	04JAN2006 19:15:53	04JAN2006 20:56:22	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1]
12	MIP_NL__2PWDSI20060104_205628_000060302044_00029_20123_1000.N1	04JAN2006 20:56:28	04JAN2006 22:36:58	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; O3/micro:1; CCL4/micro:1; HCN/micro:2]
13	MIP_NL__2PWDSI20060104_223704_000060302044_00030_20124_1000.N1	04JAN2006 22:37:04	05JAN2006 00:17:34	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:1]

2.2 Processing performance indicators

2.2.1 Successful retrievals

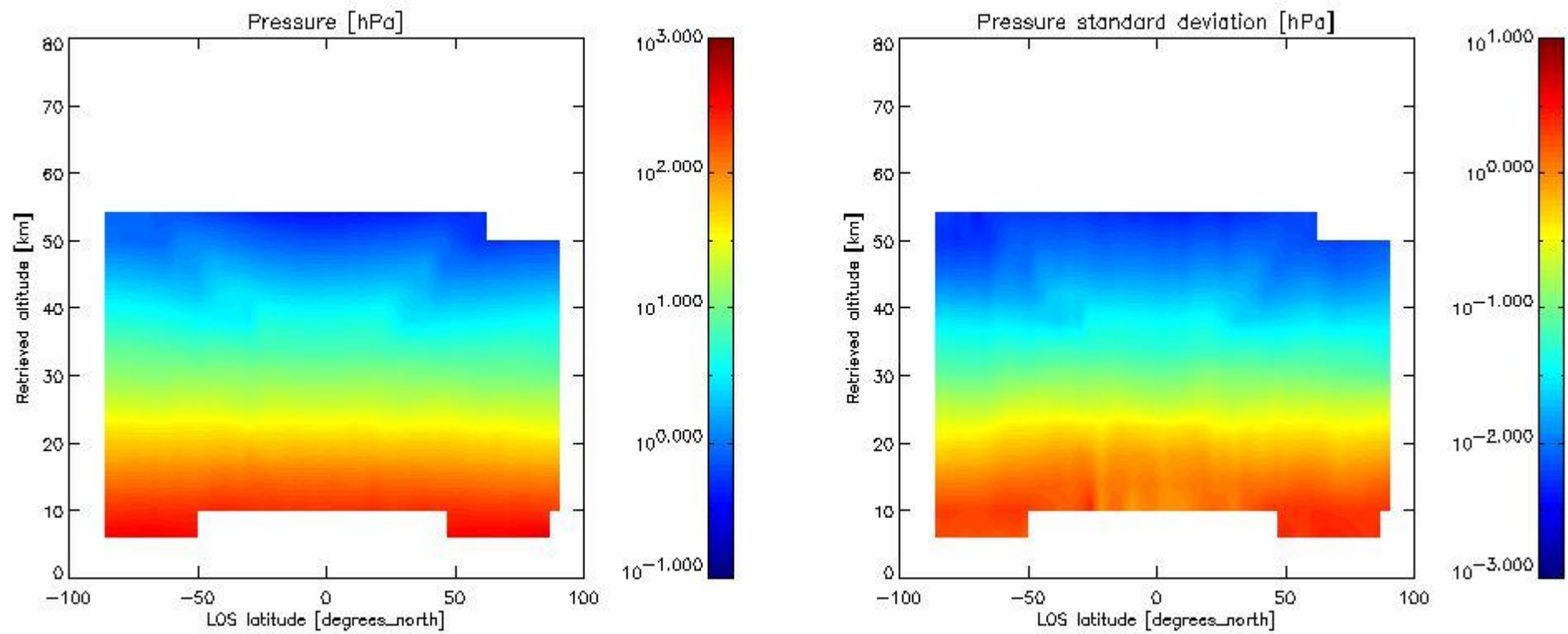
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1762	1711	97.106
H2O	1762	1711	97.106
O3	1762	1711	97.106
HNO3	1762	1711	97.106
CH4	1762	1711	97.106
N2O	1762	1711	97.106
NO2	1762	1711	97.106
F11	1762	1711	97.106
CLNO	1762	1711	97.106
N2O5	1762	1711	97.106
F12	1762	1710	97.049
COF2	1762	1711	97.106
CCL4	1762	1711	97.106
HCN	1762	1711	97.106
F14	1762	1711	97.106
F22	1762	1711	97.106



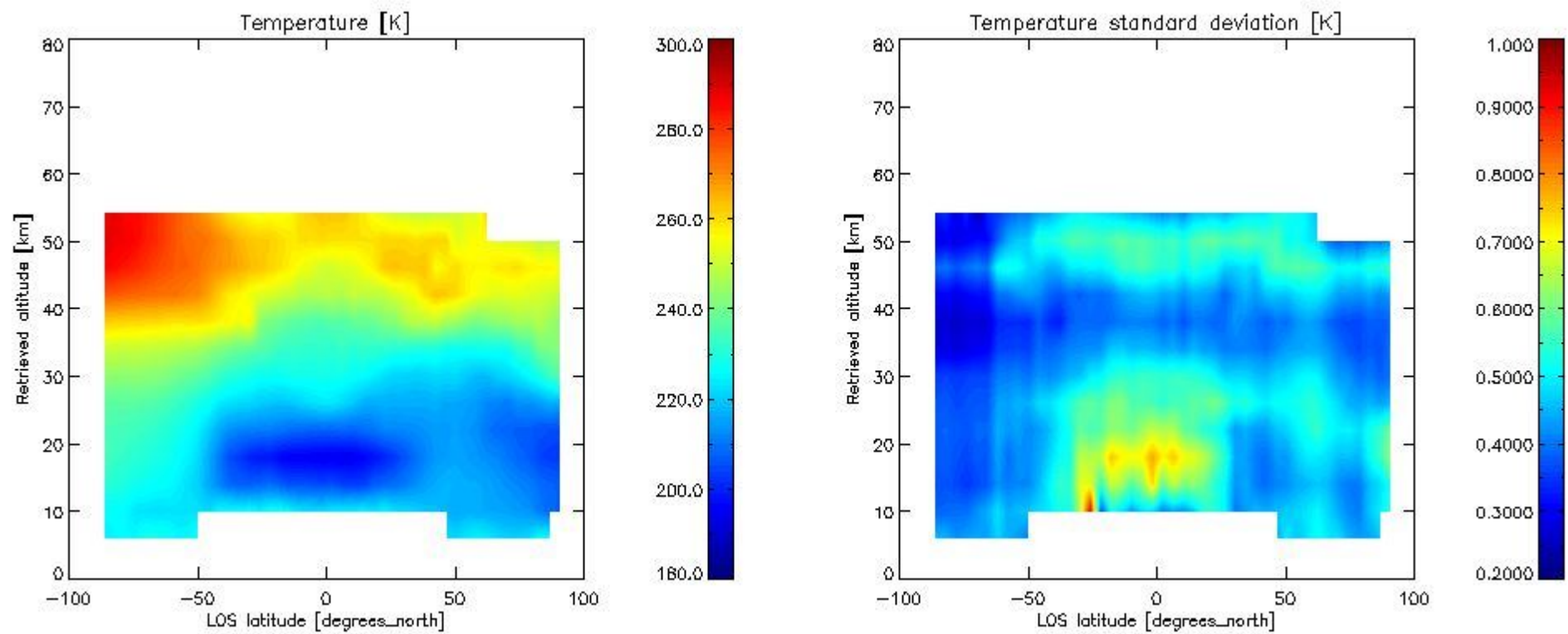
2.2.2 Pressure overview

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



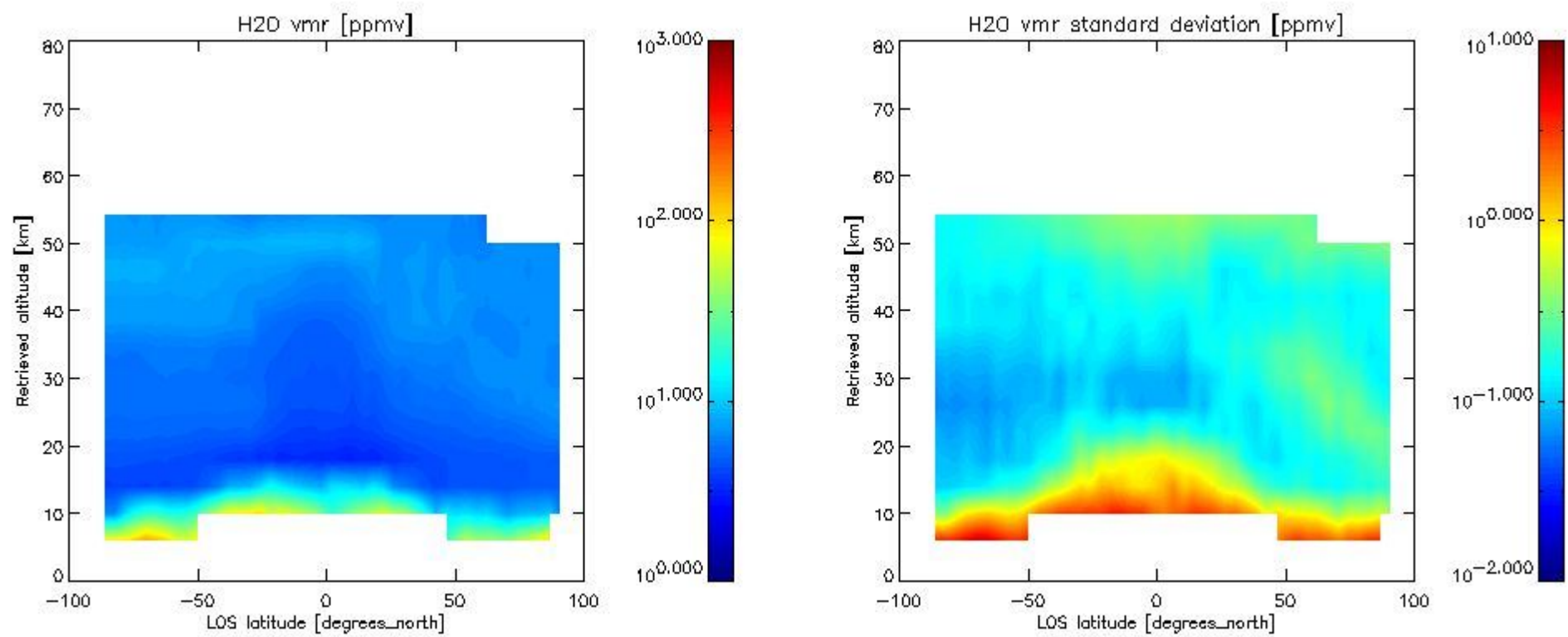
2.2.3 Temperature overview

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

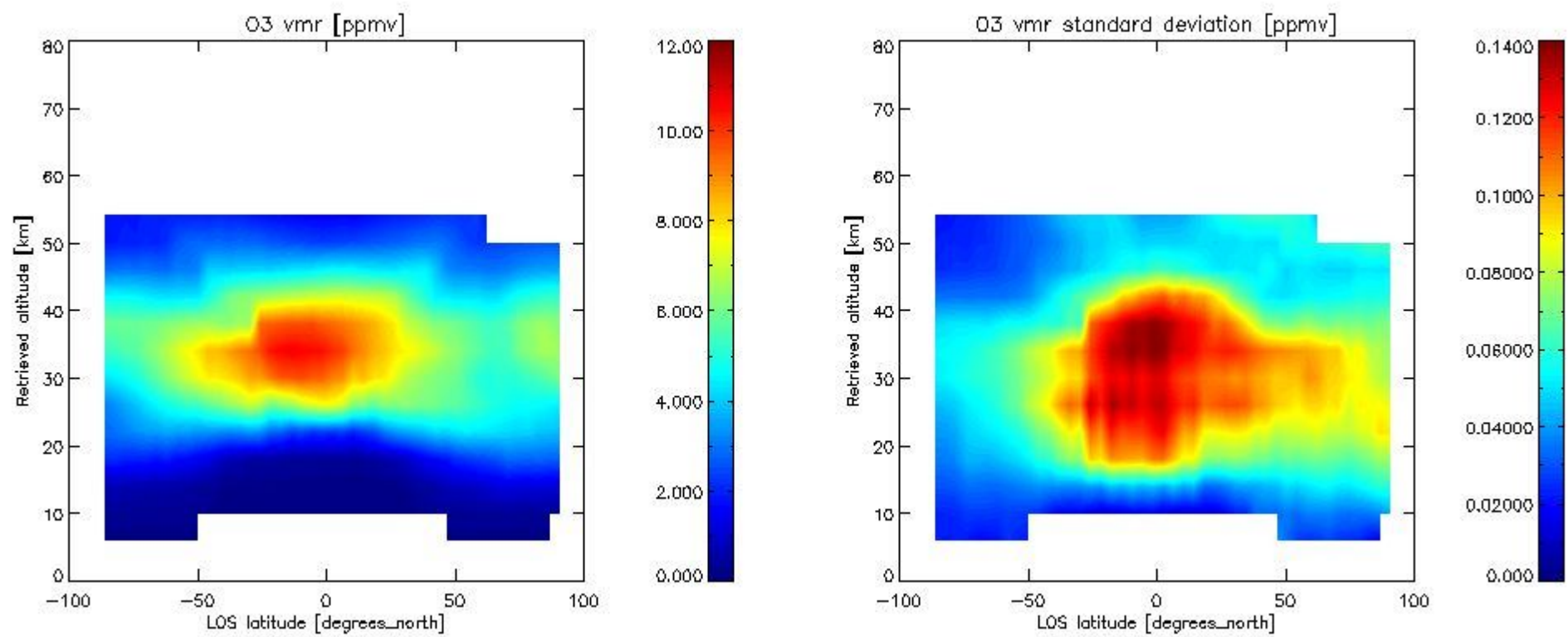


2.2.4 Species overview

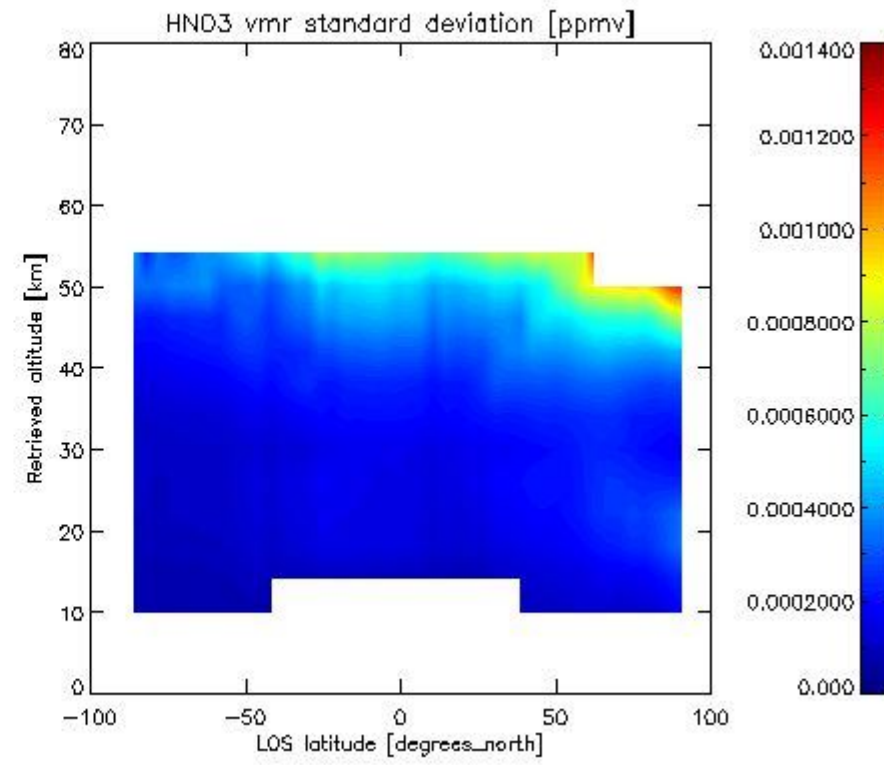
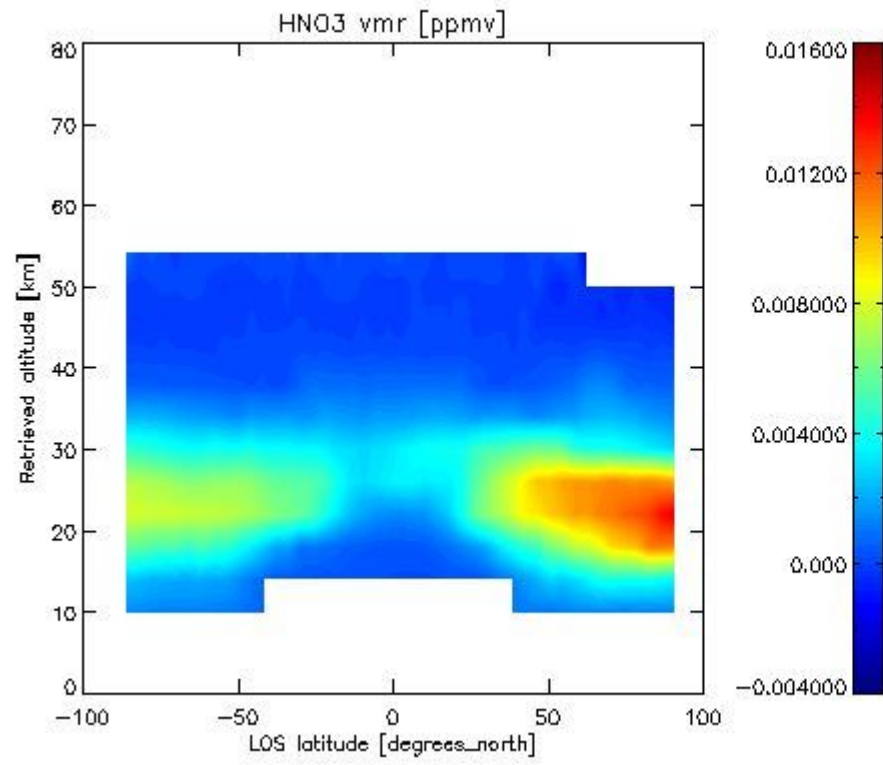
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



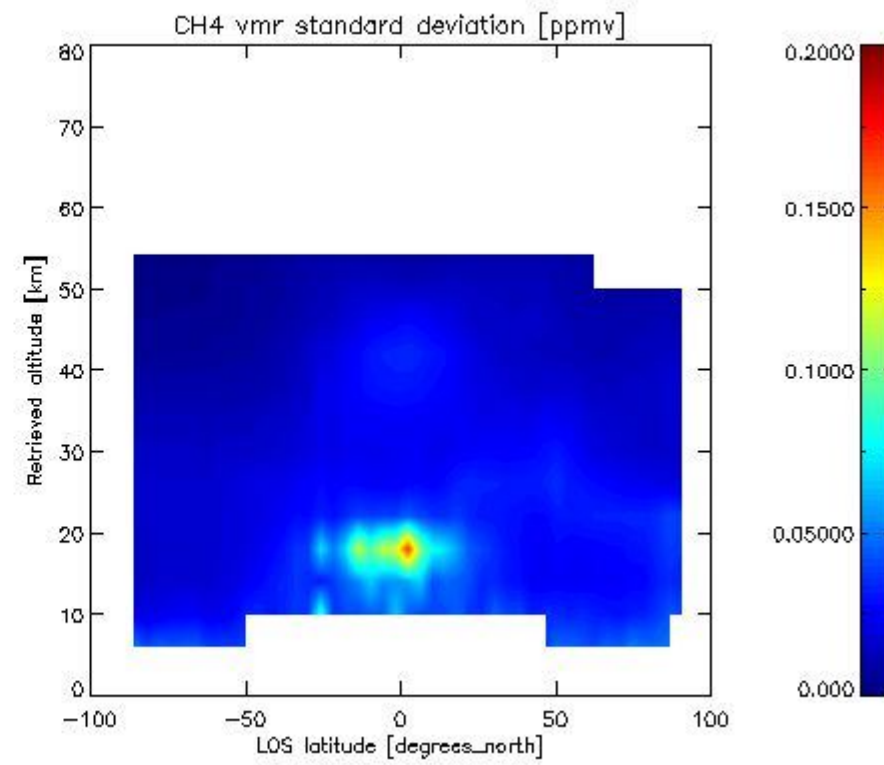
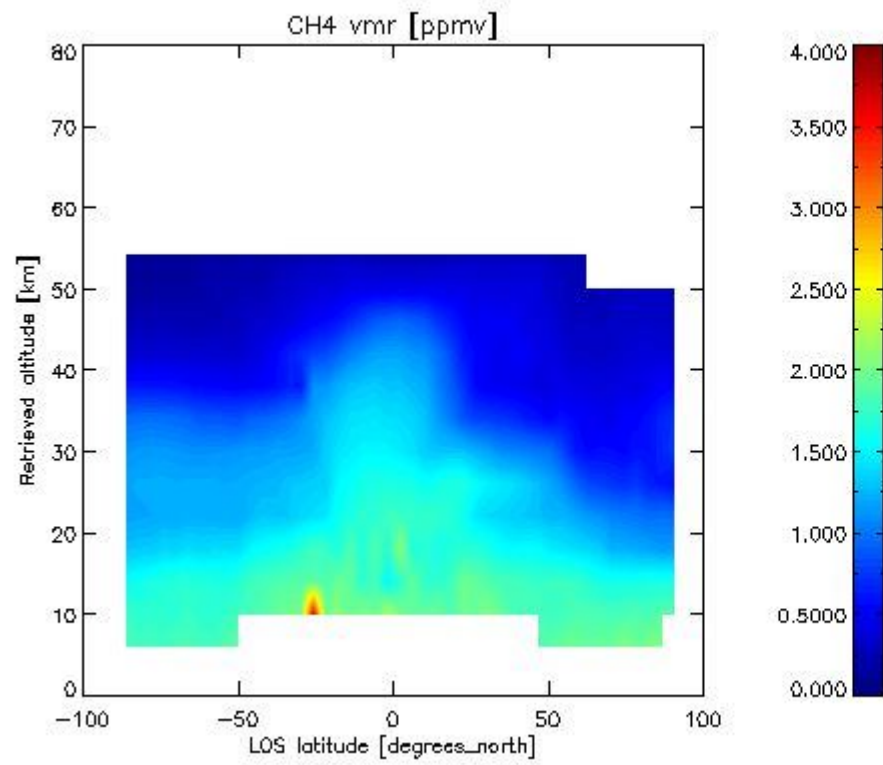
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



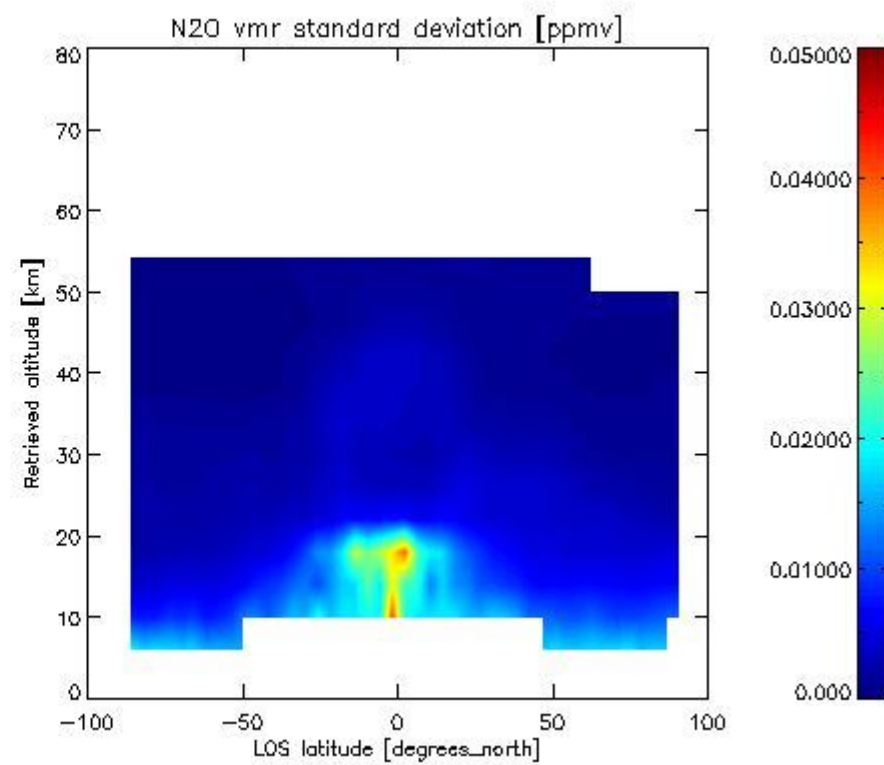
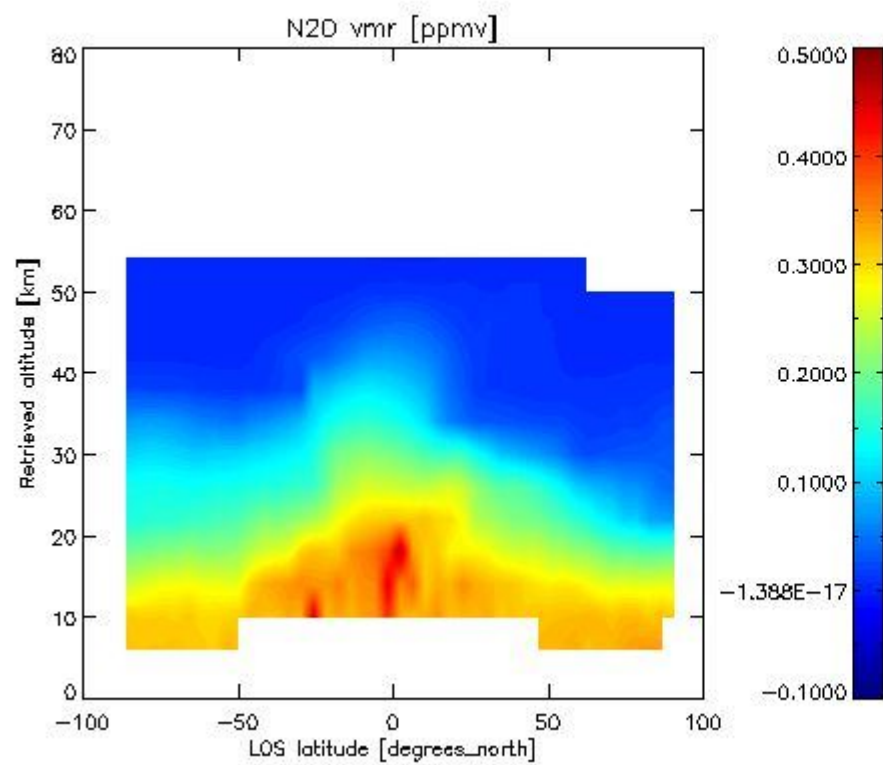
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



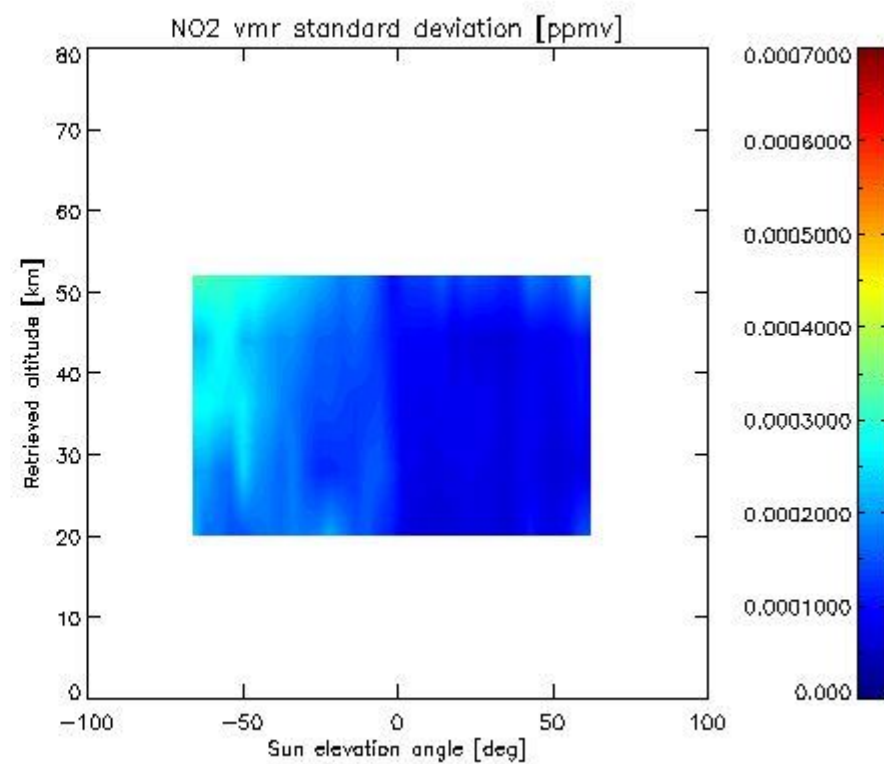
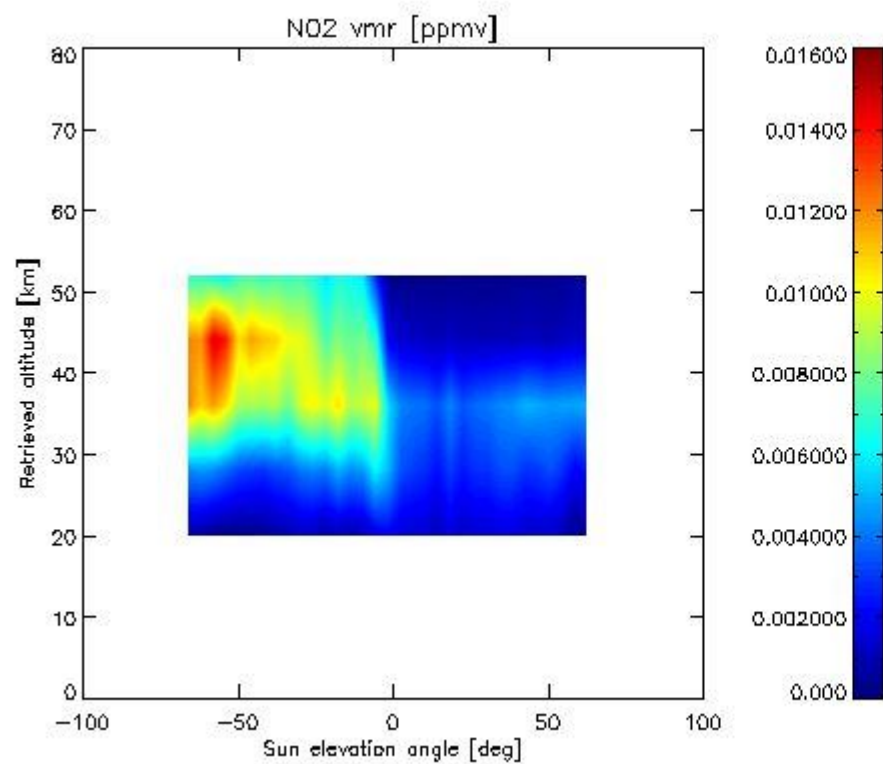
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



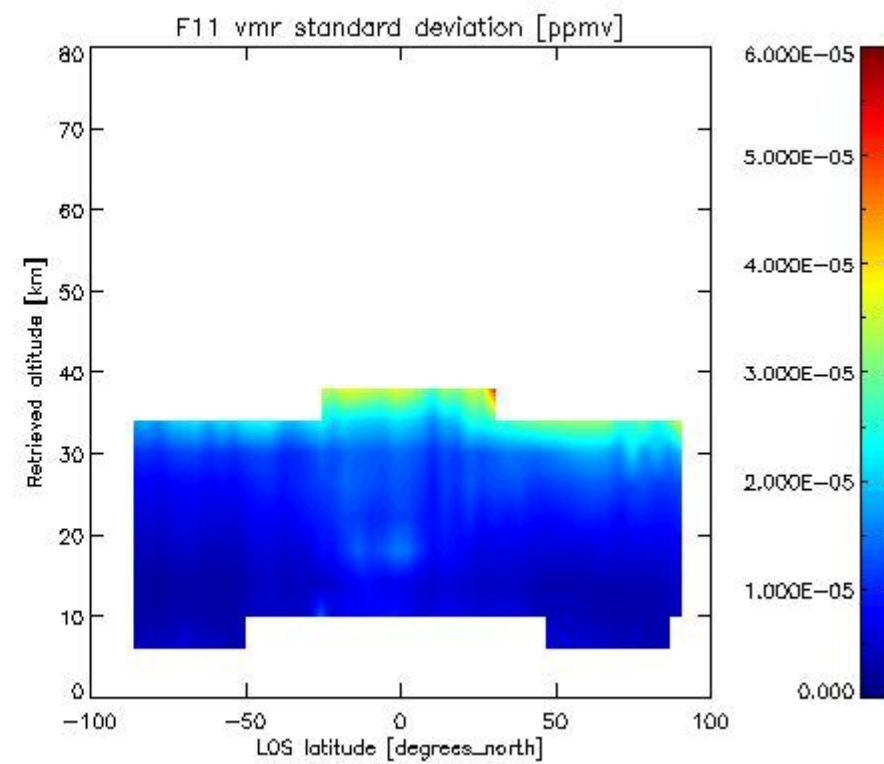
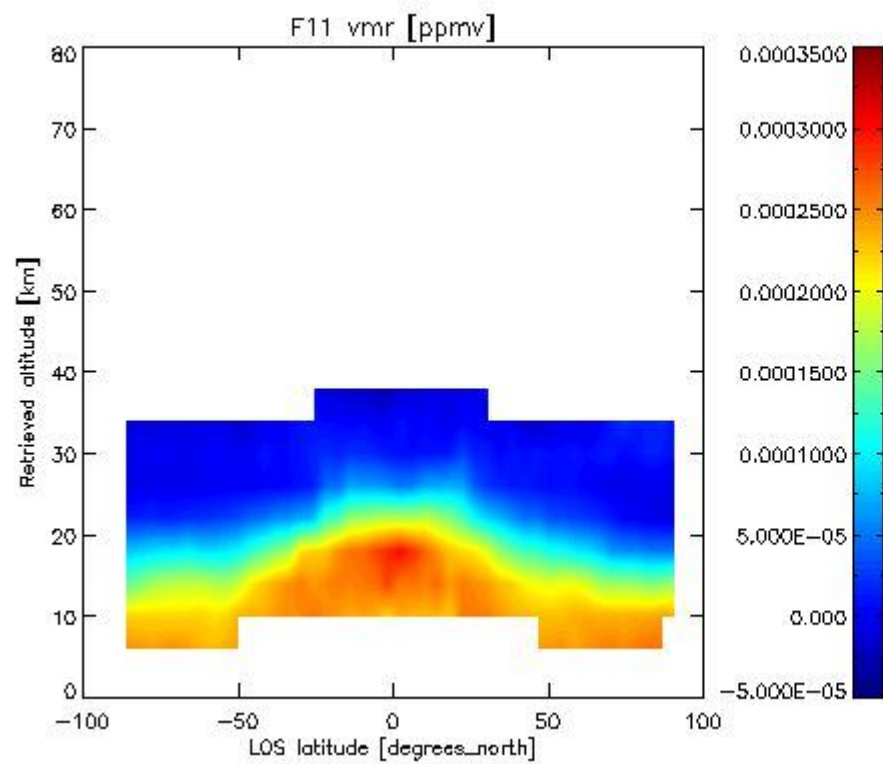
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



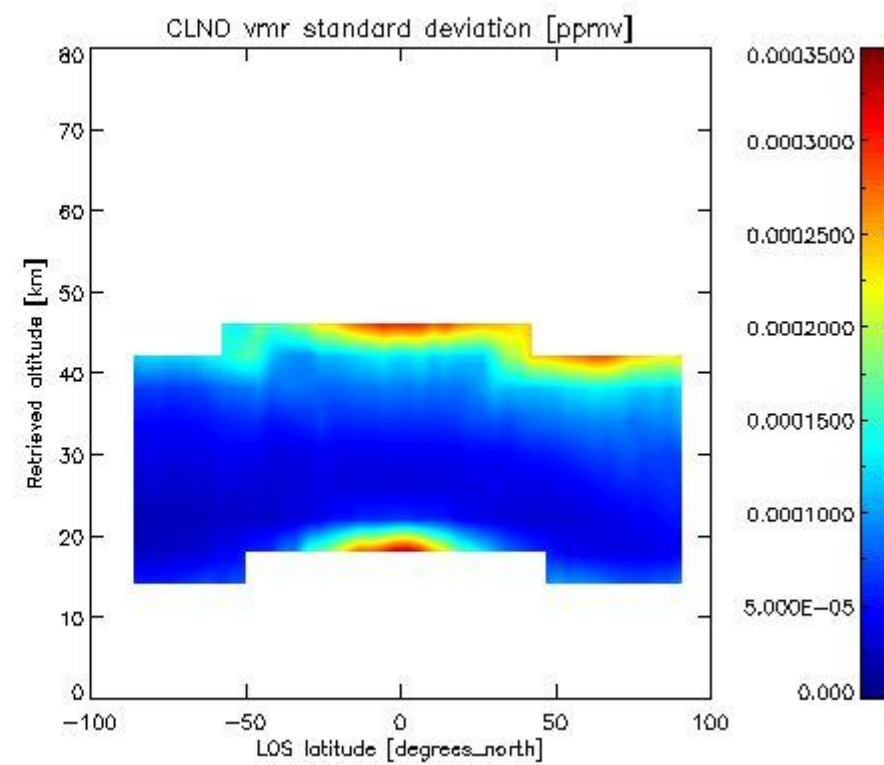
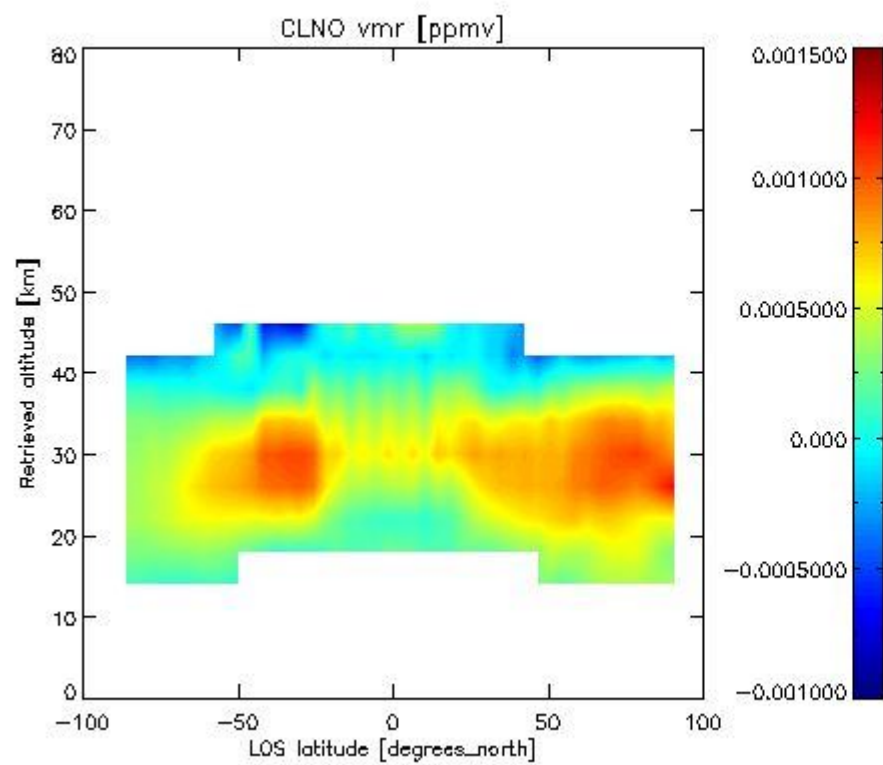
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

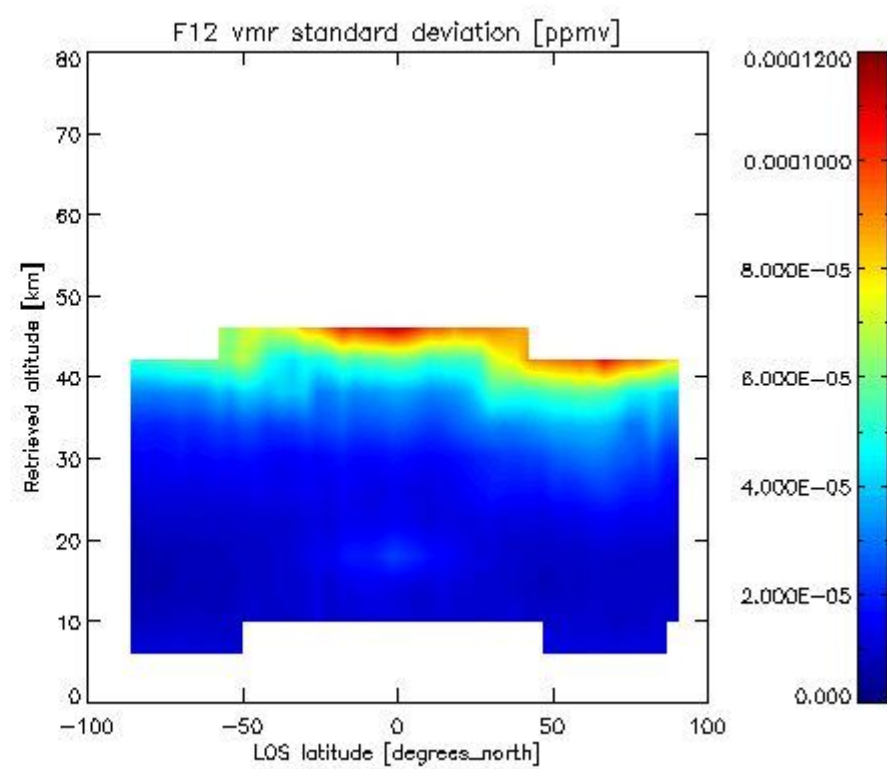
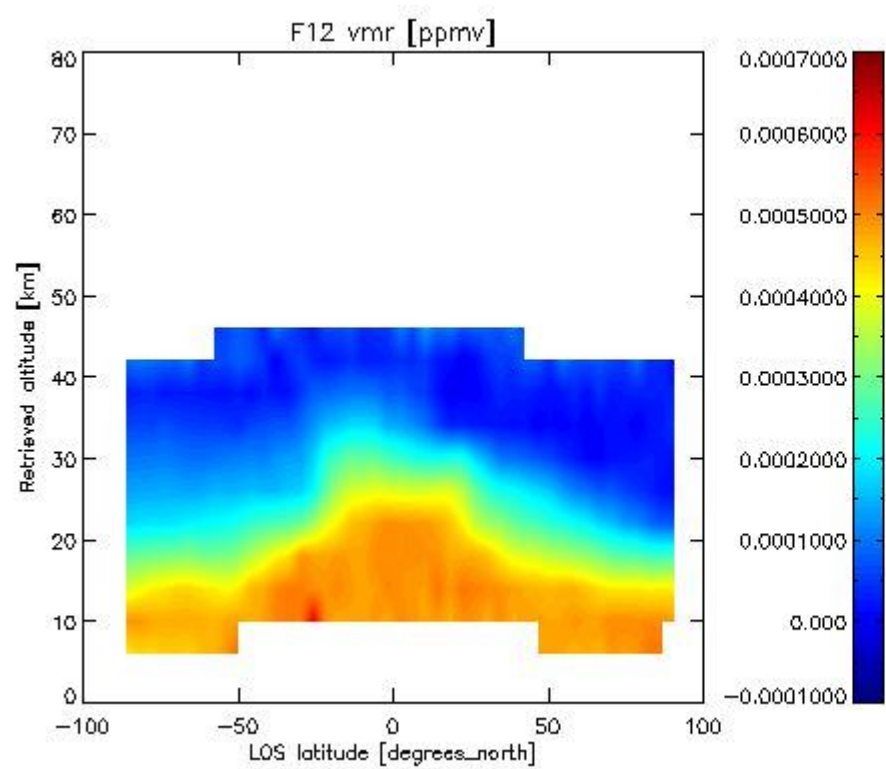
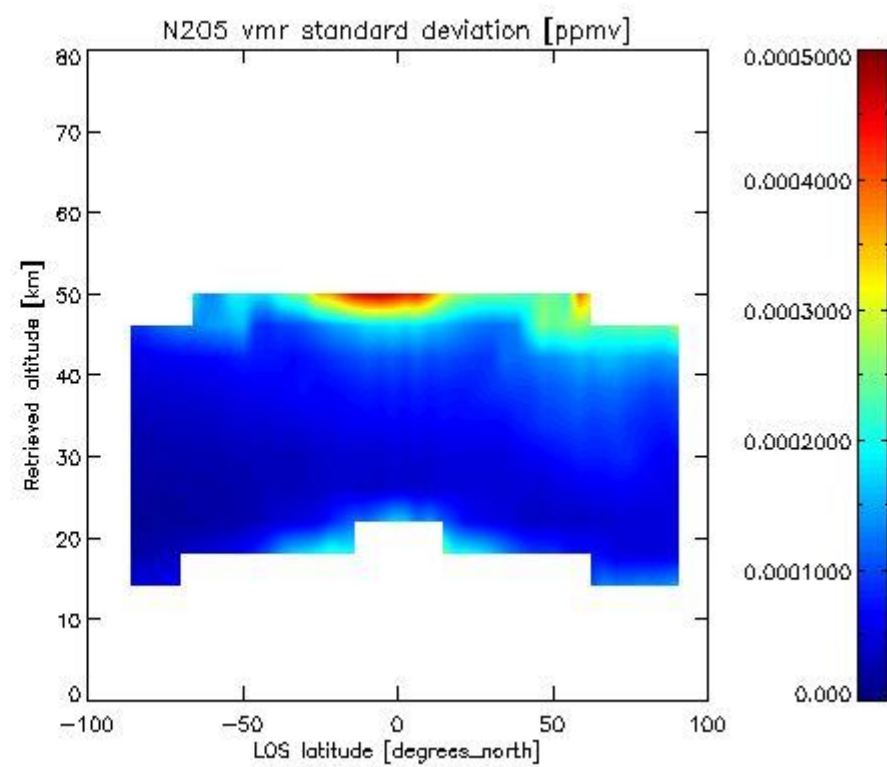
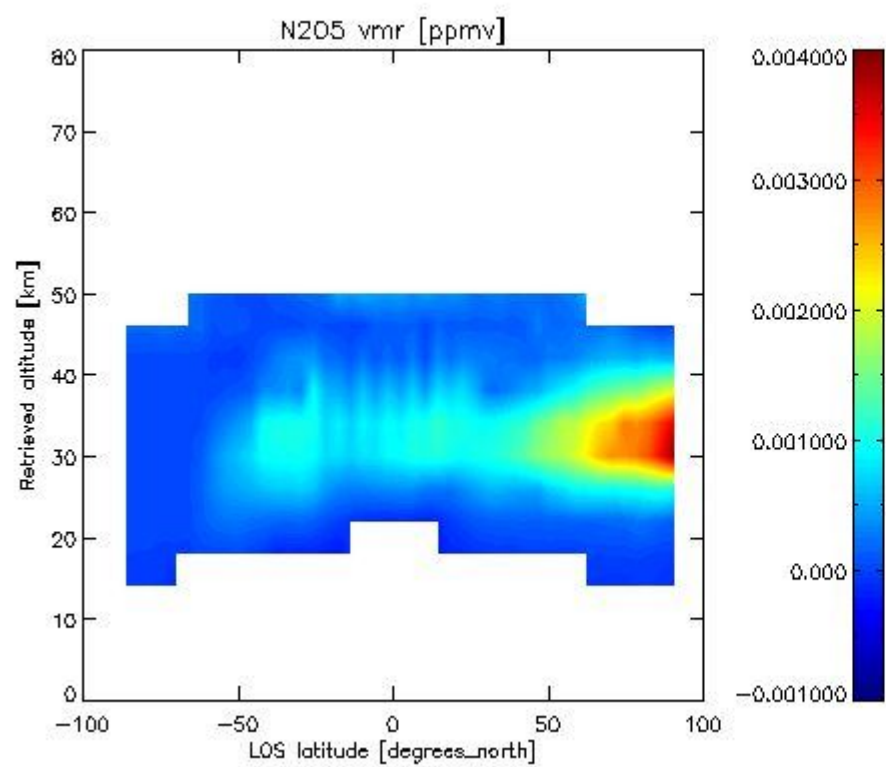


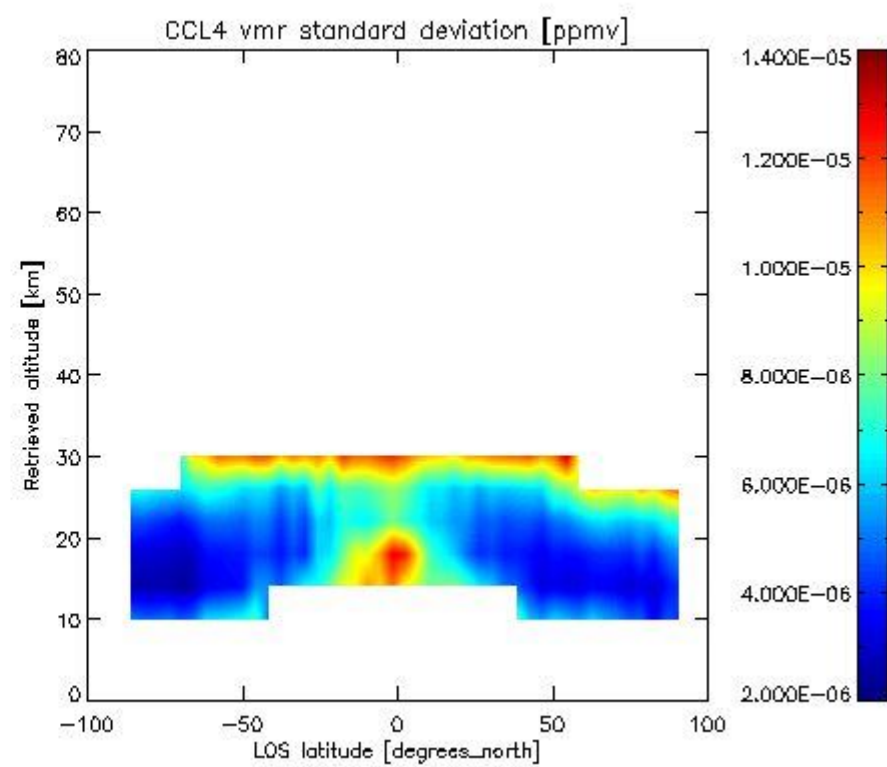
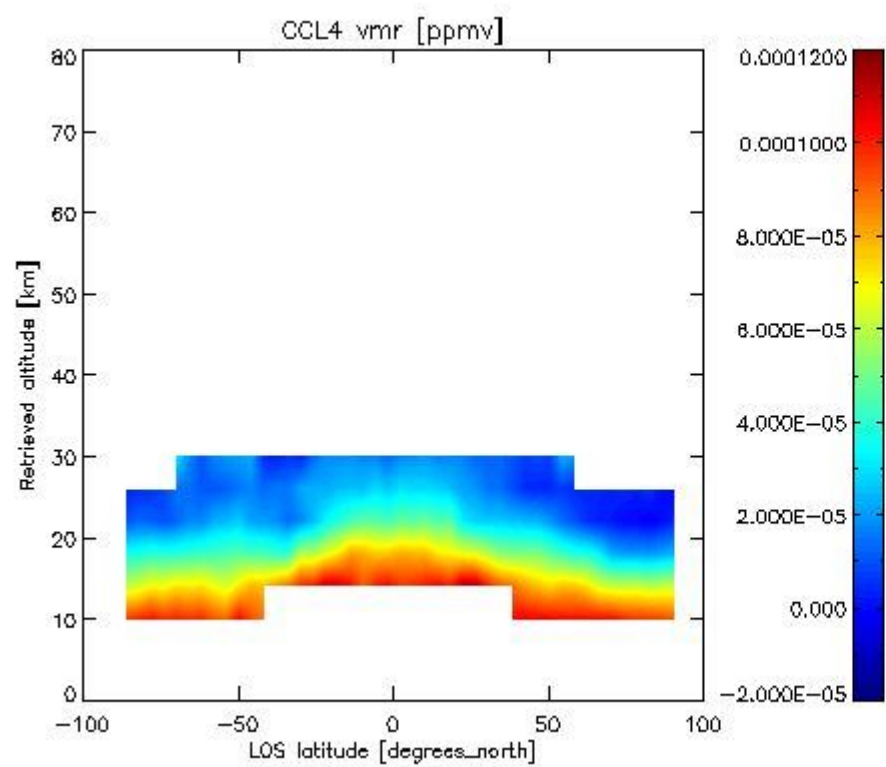
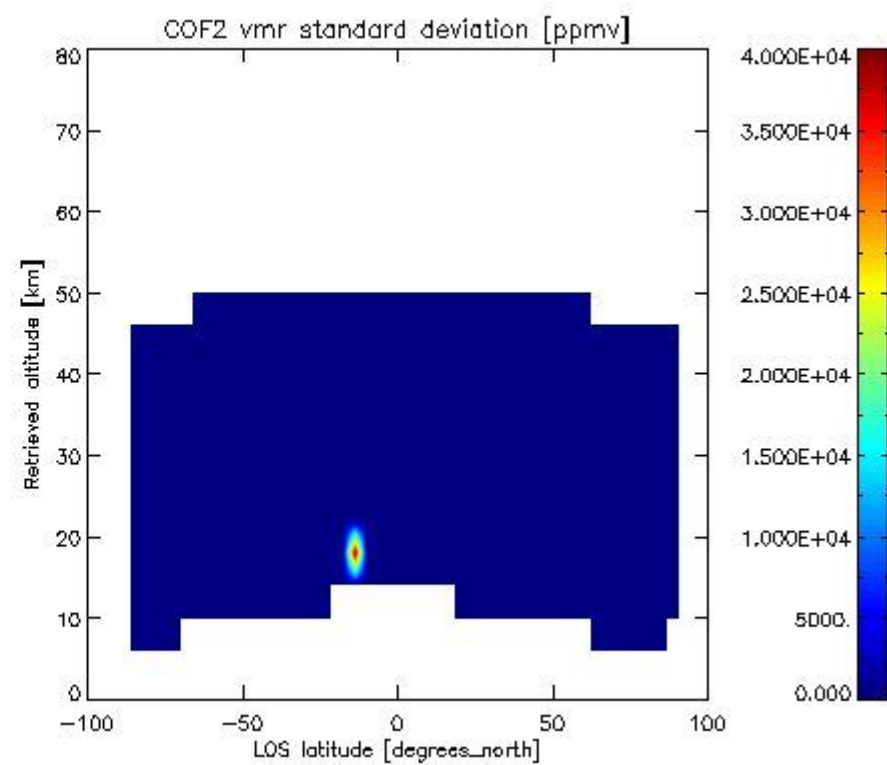
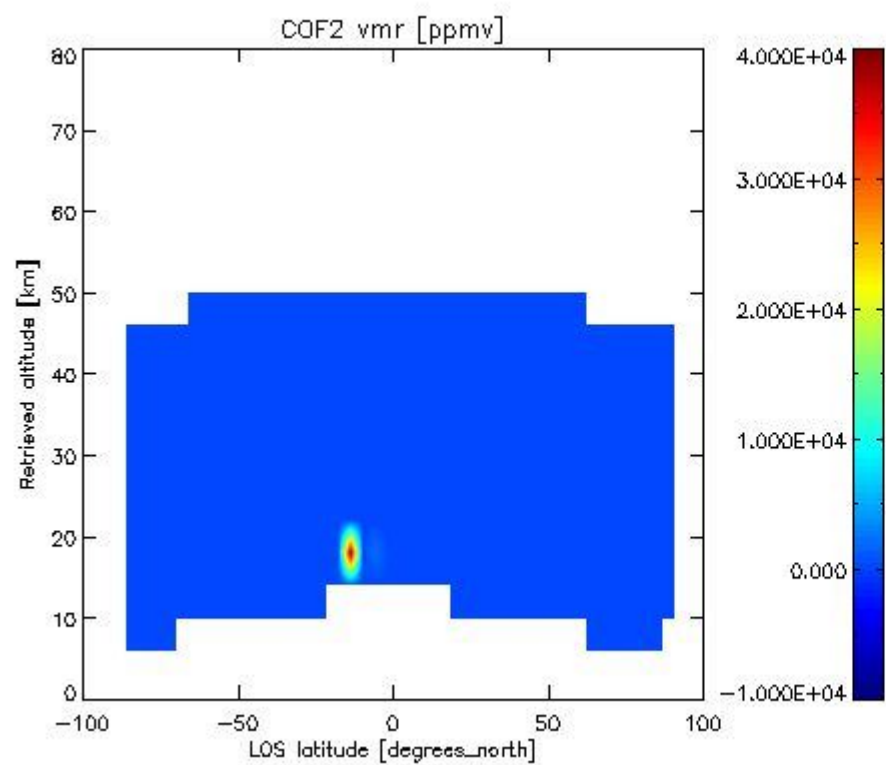
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

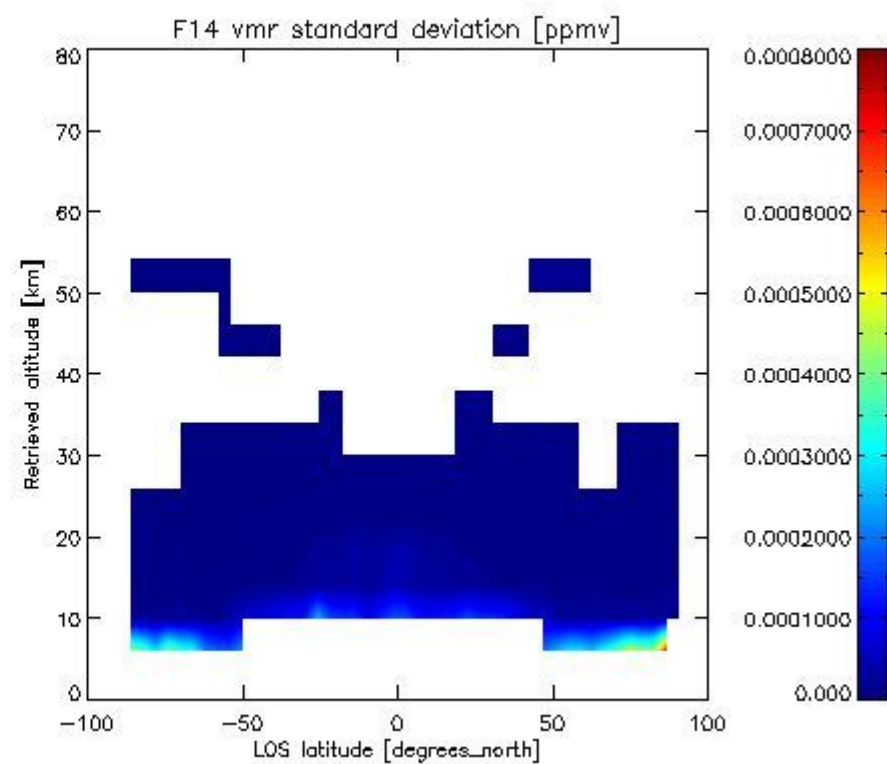
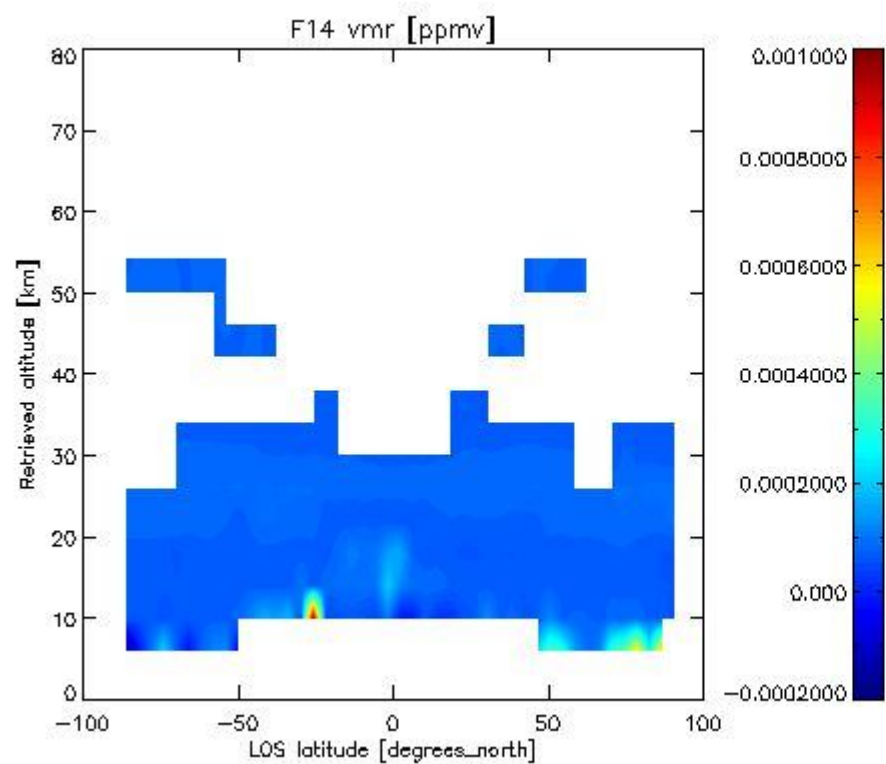
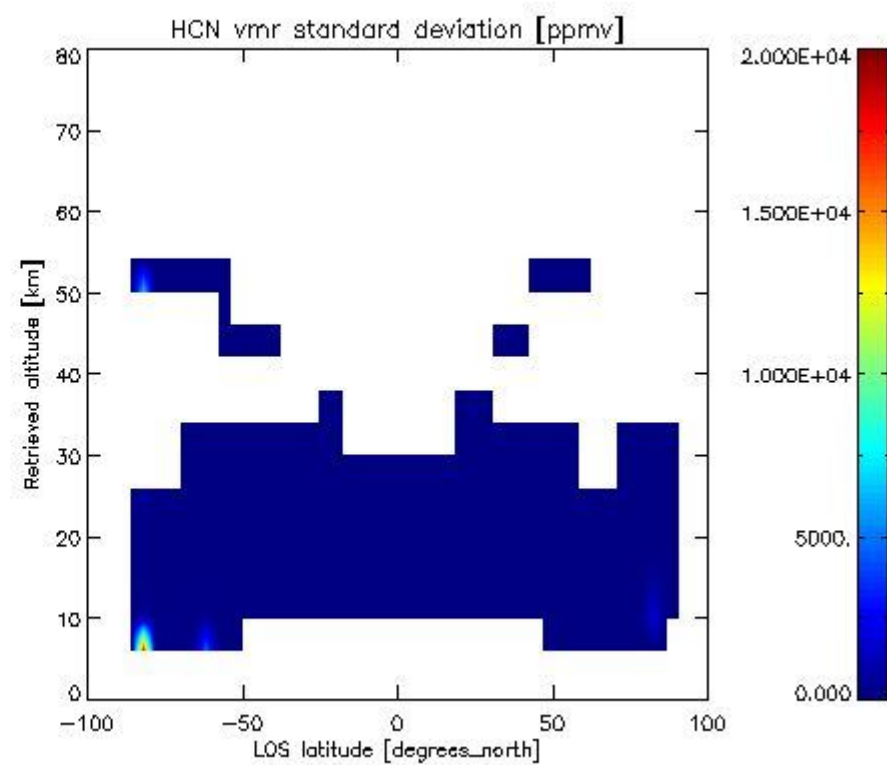
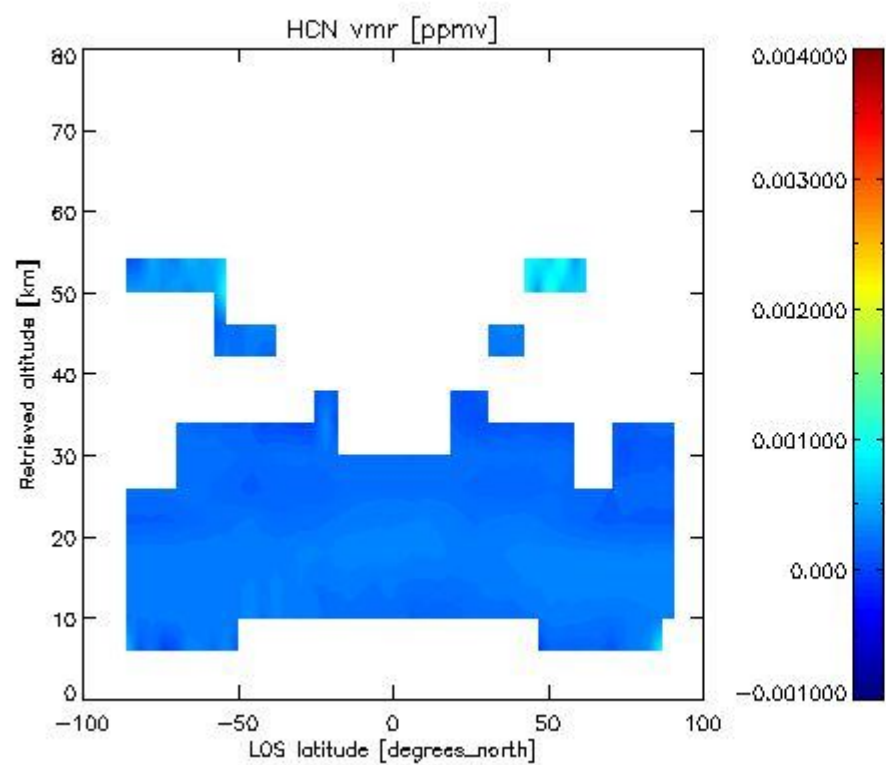


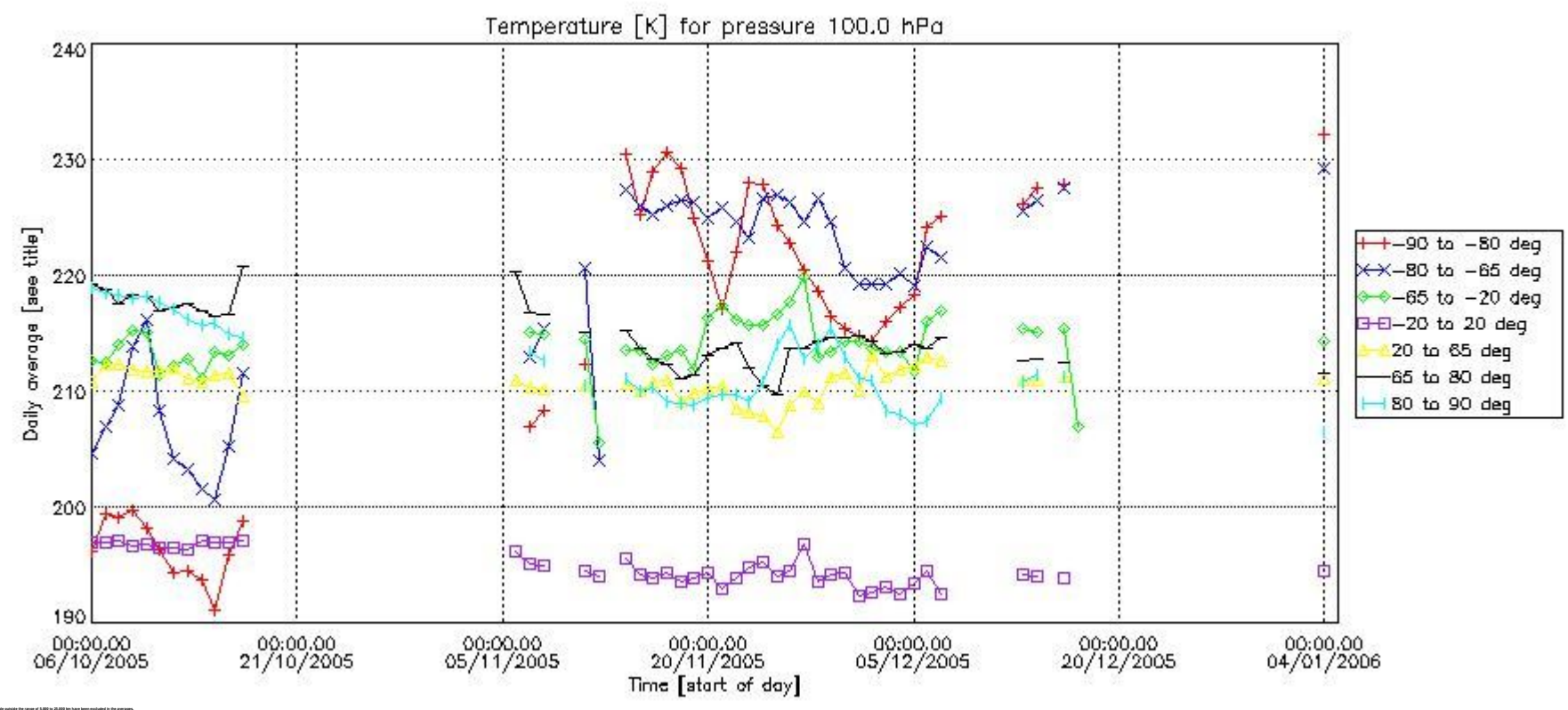
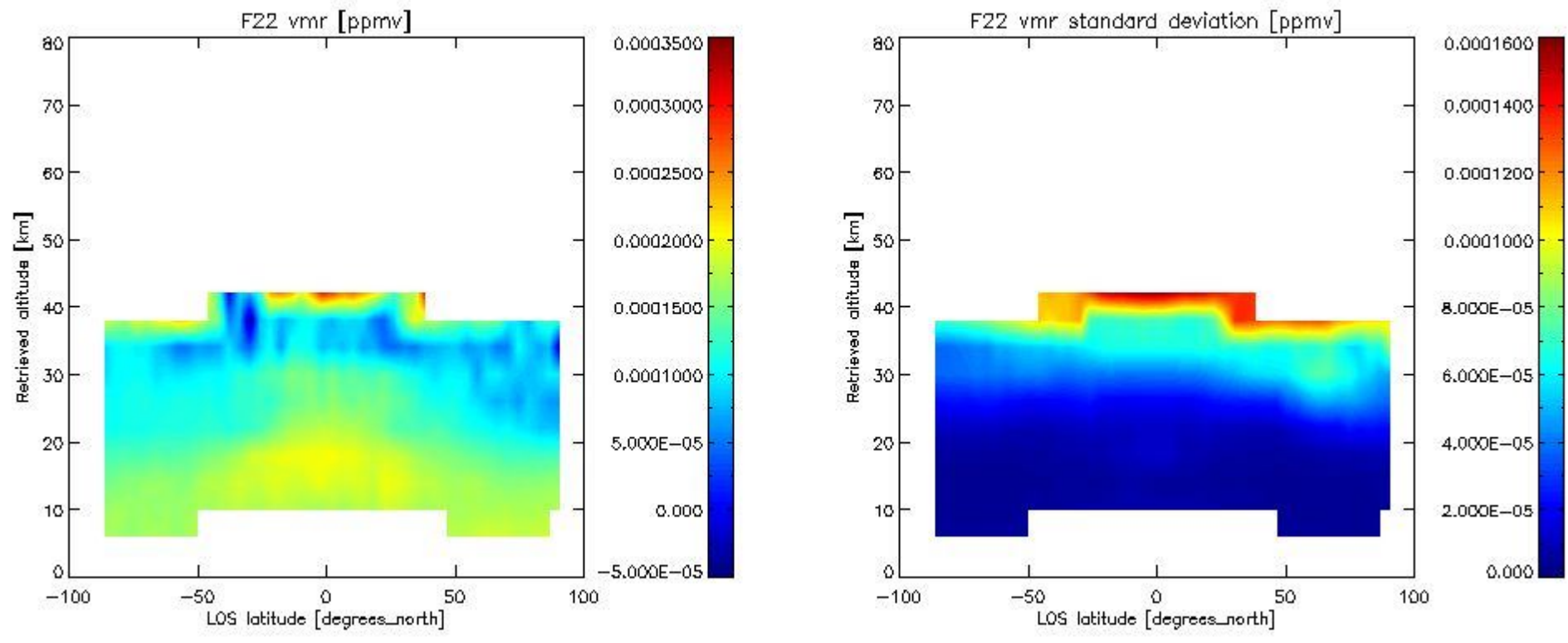
2.3.4.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

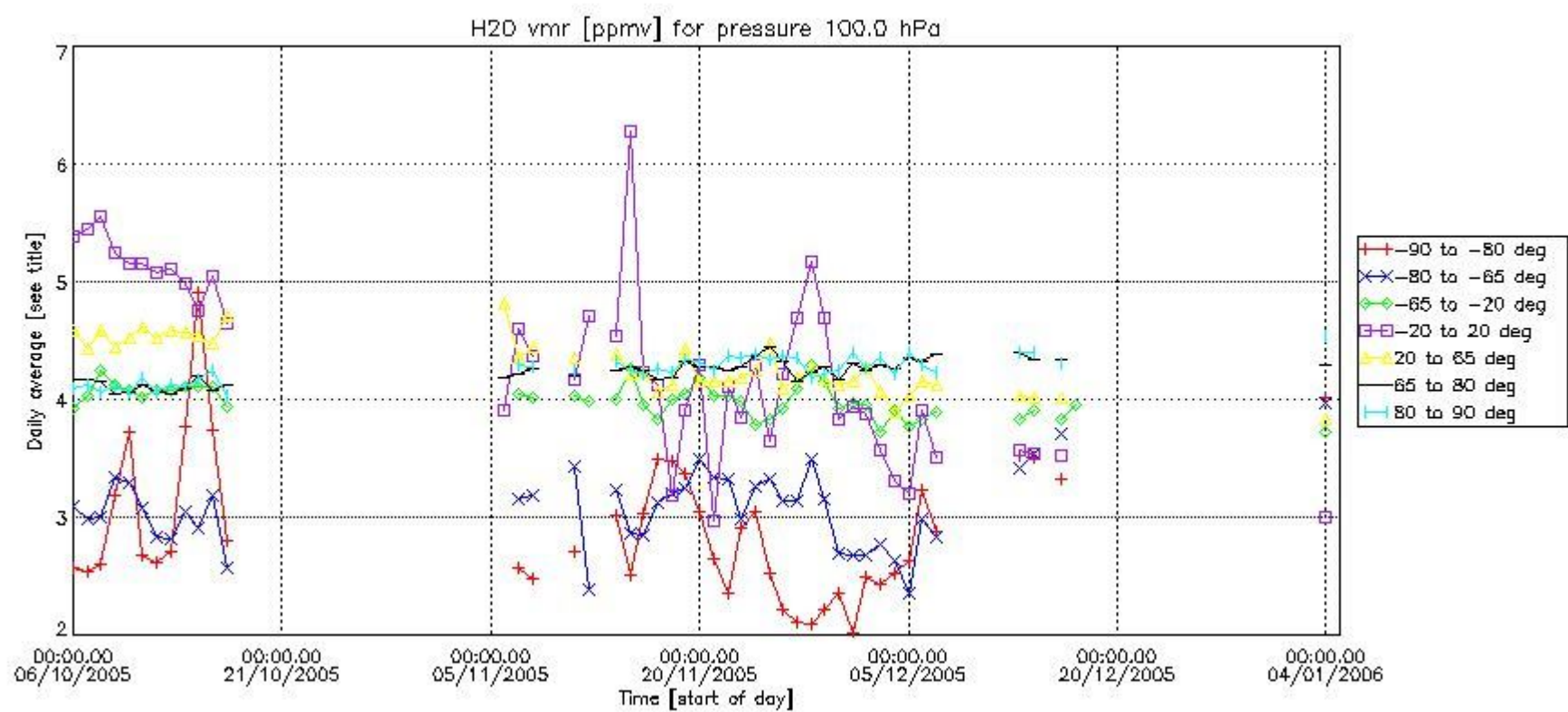
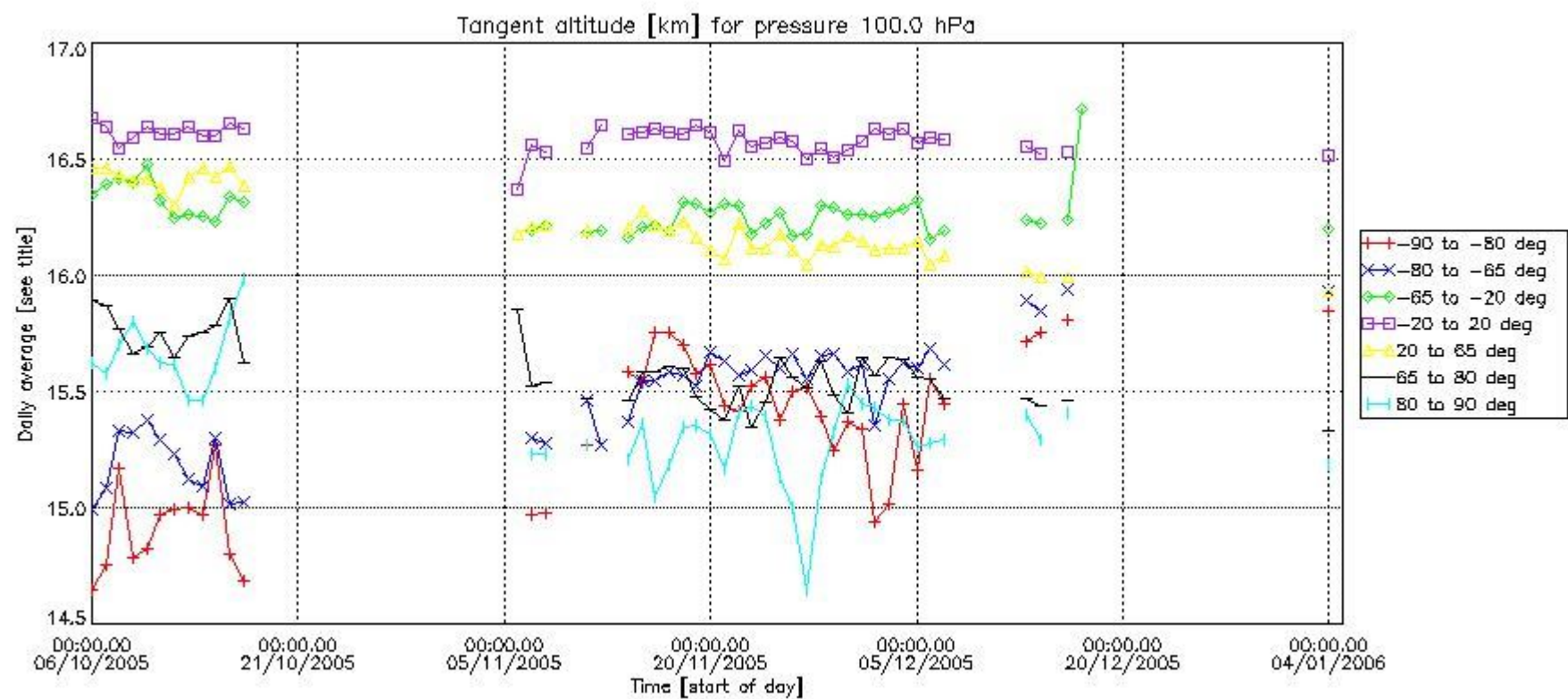


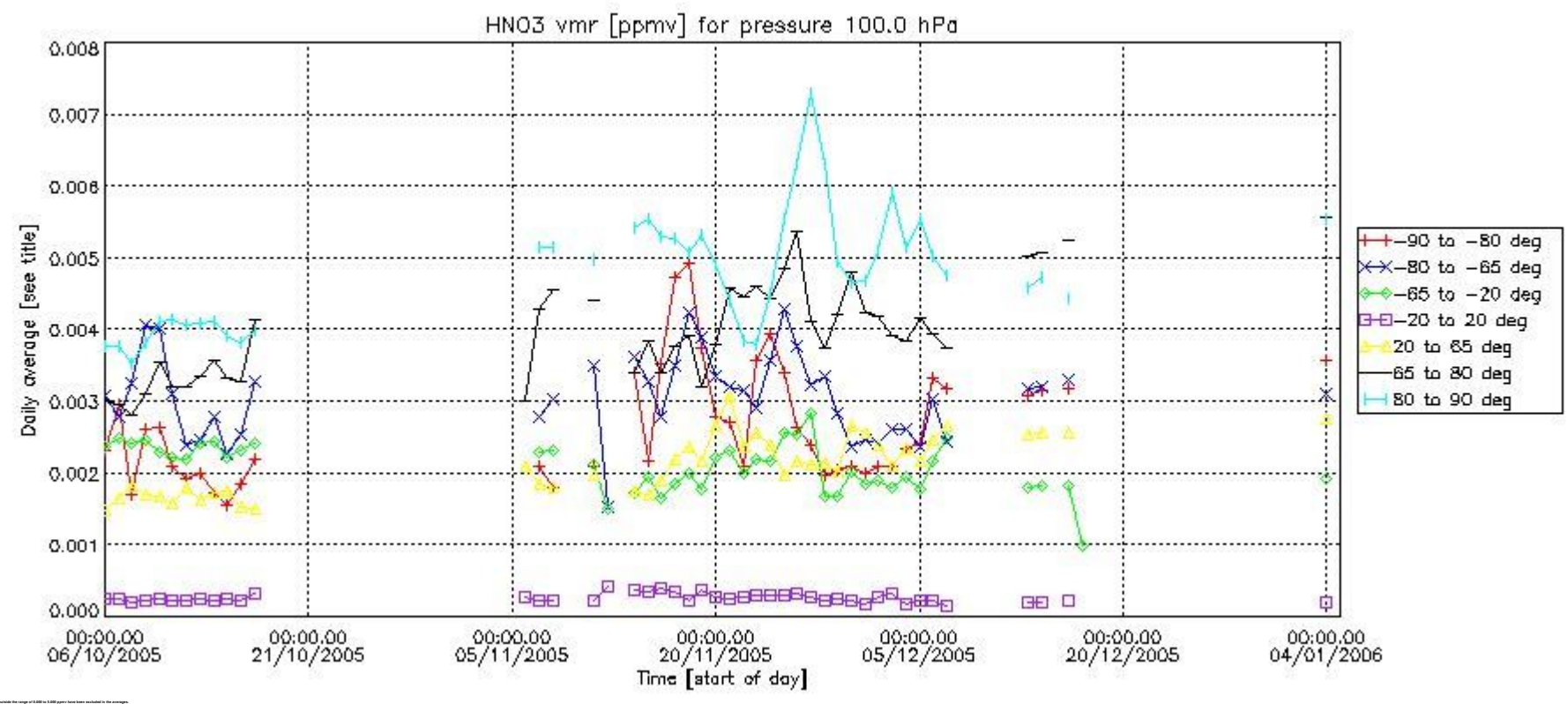
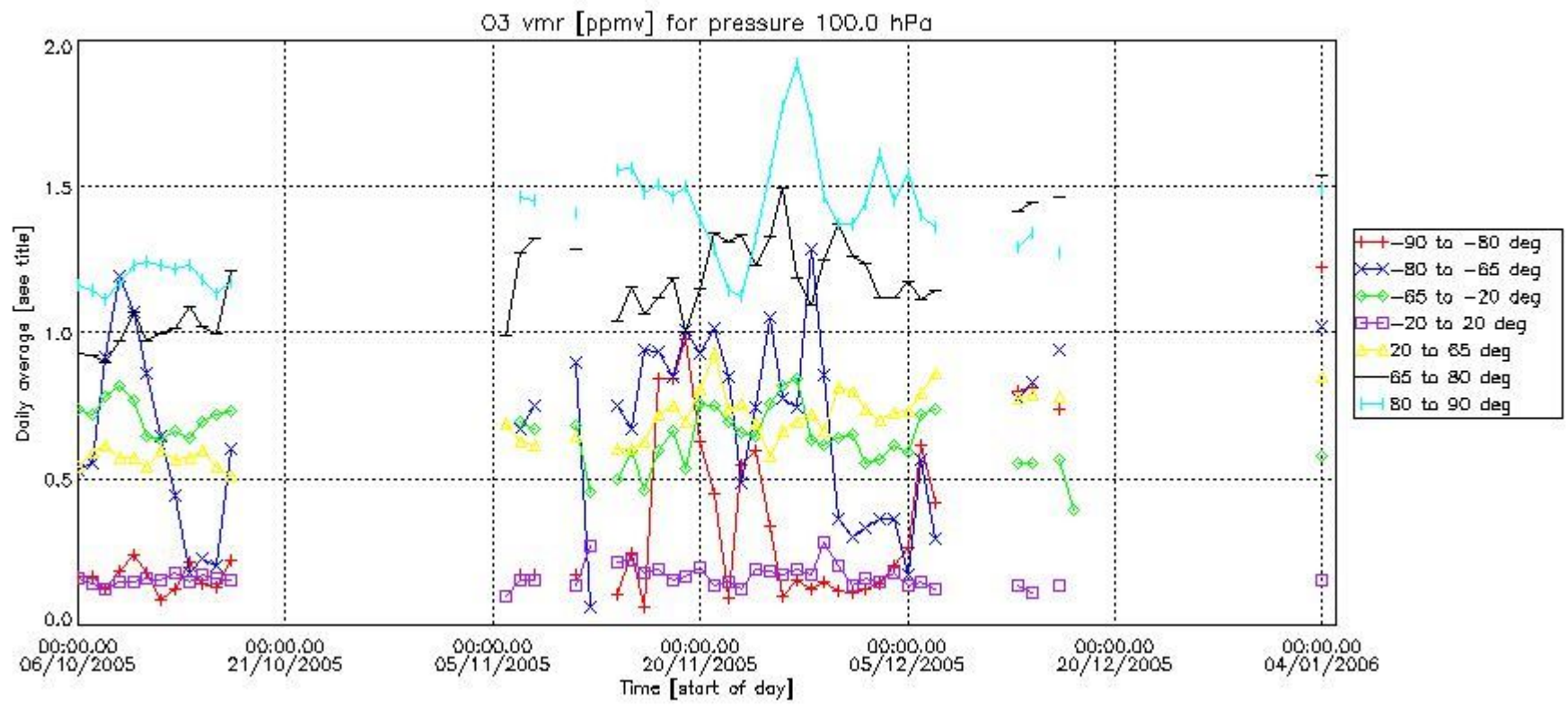


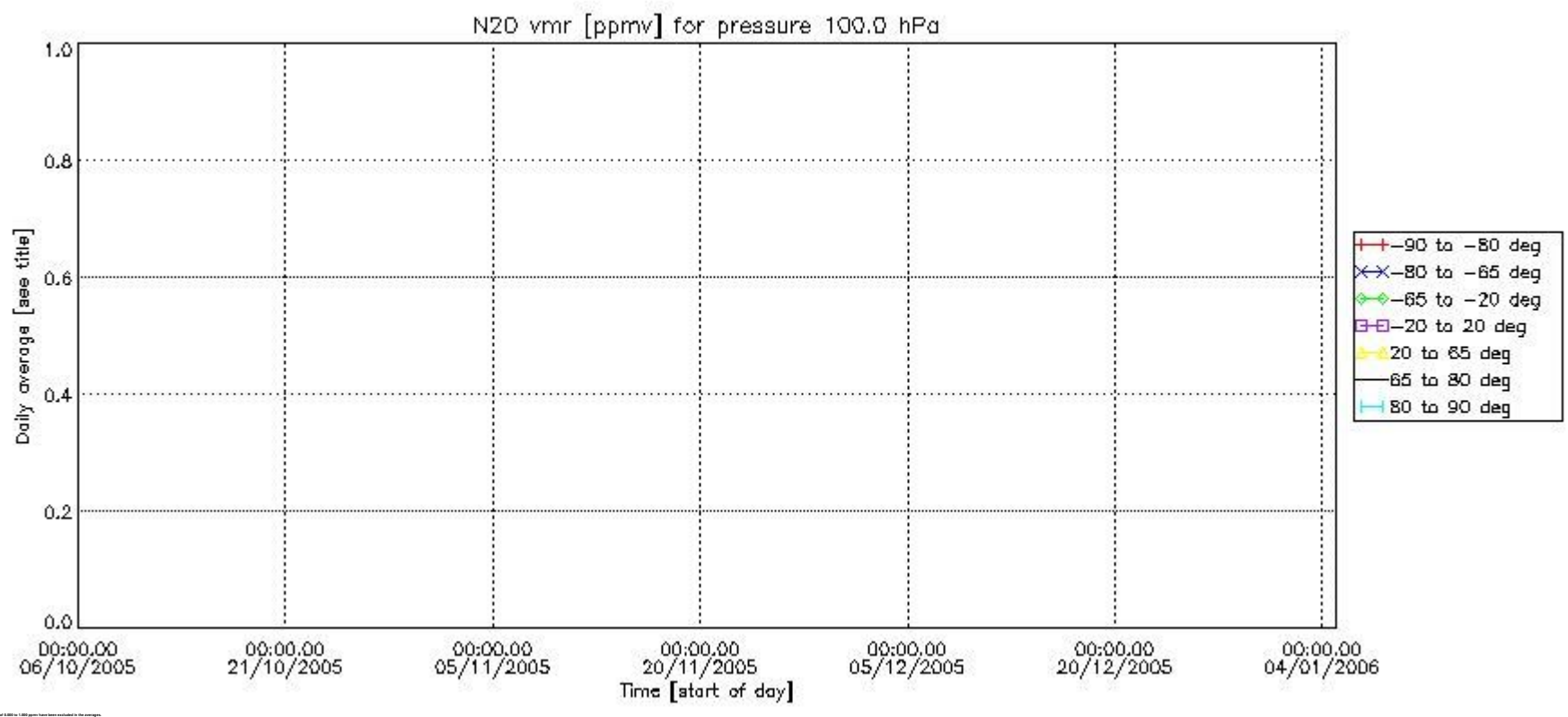
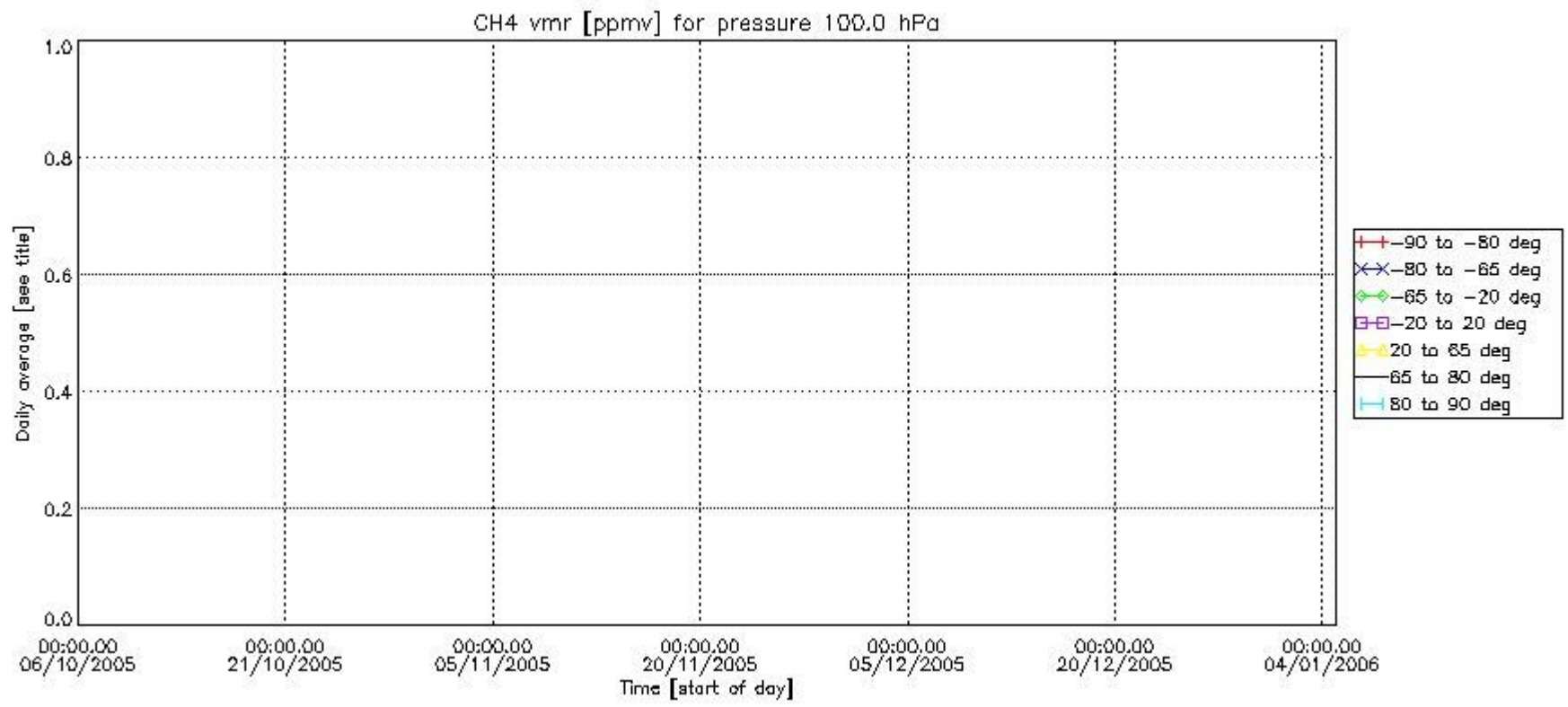


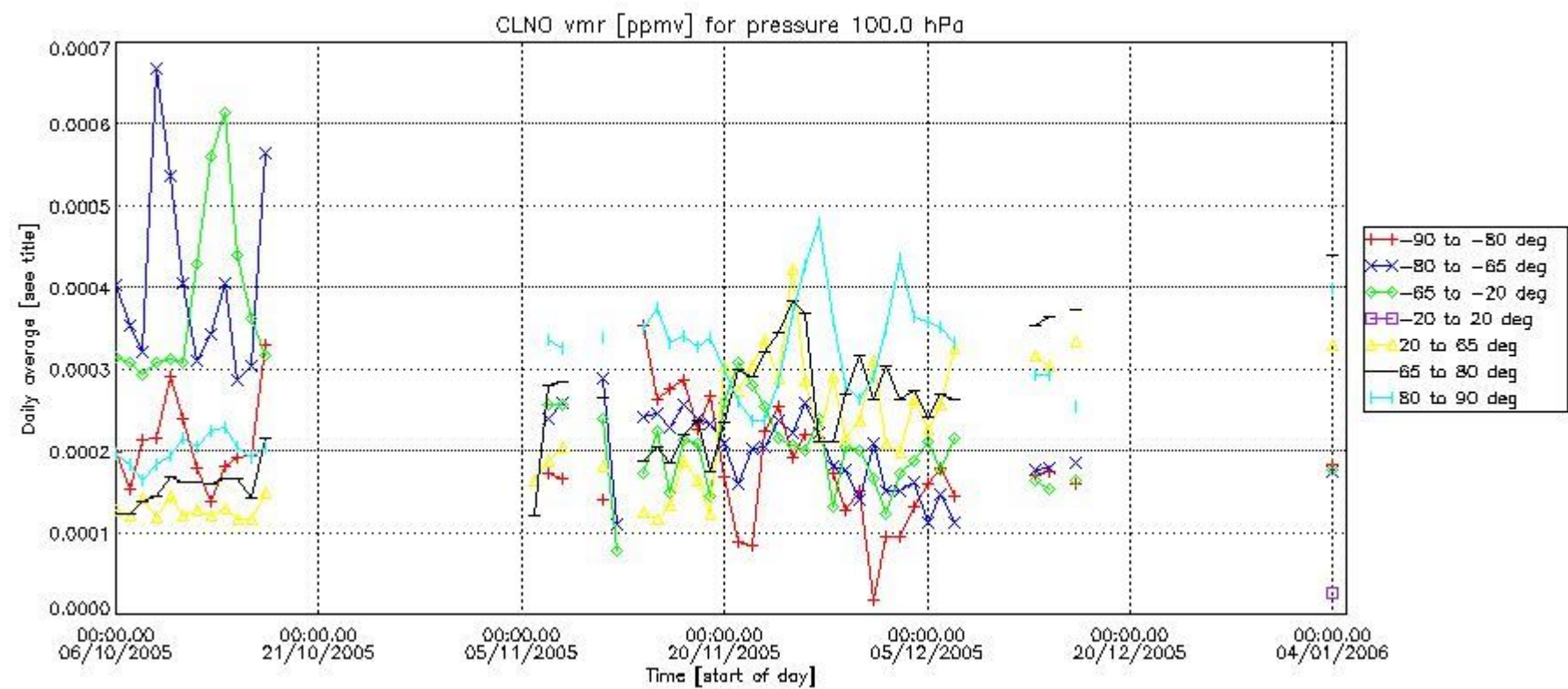
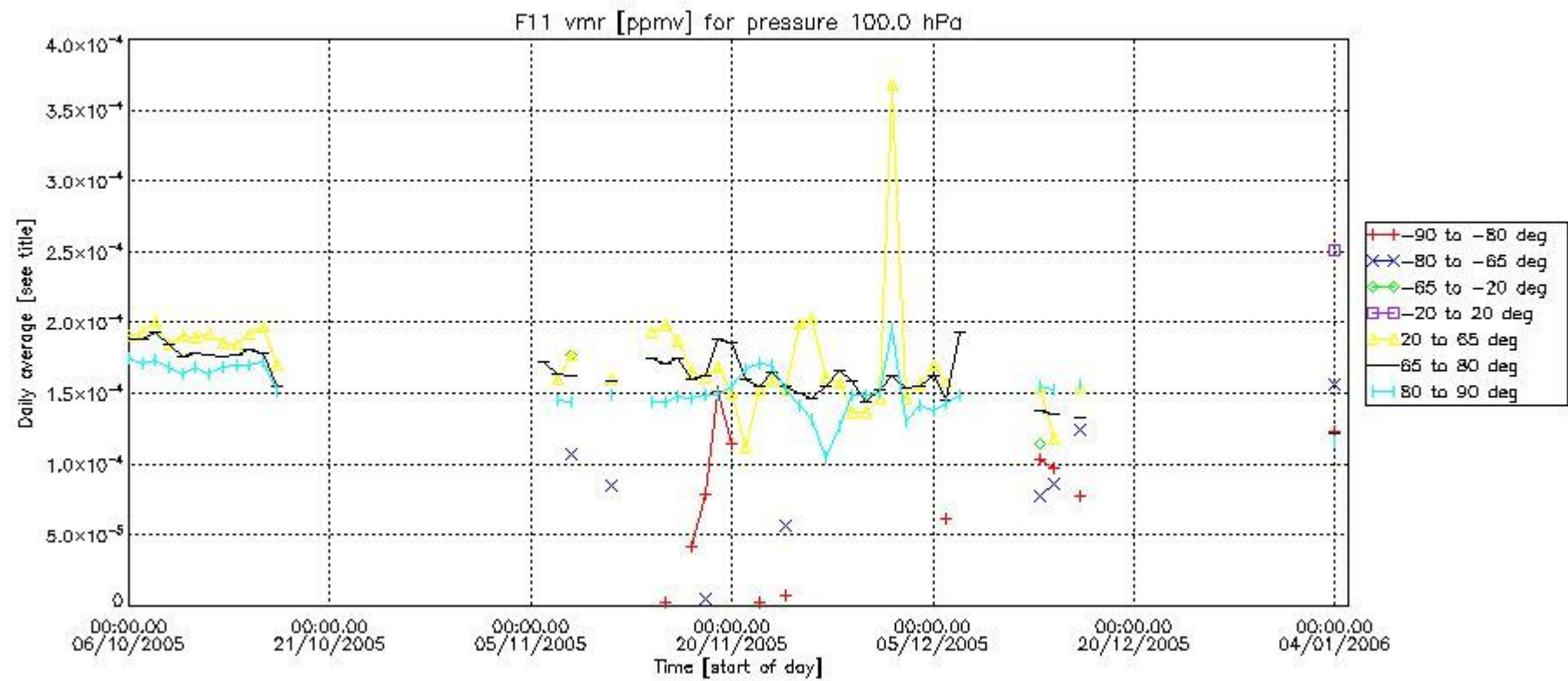


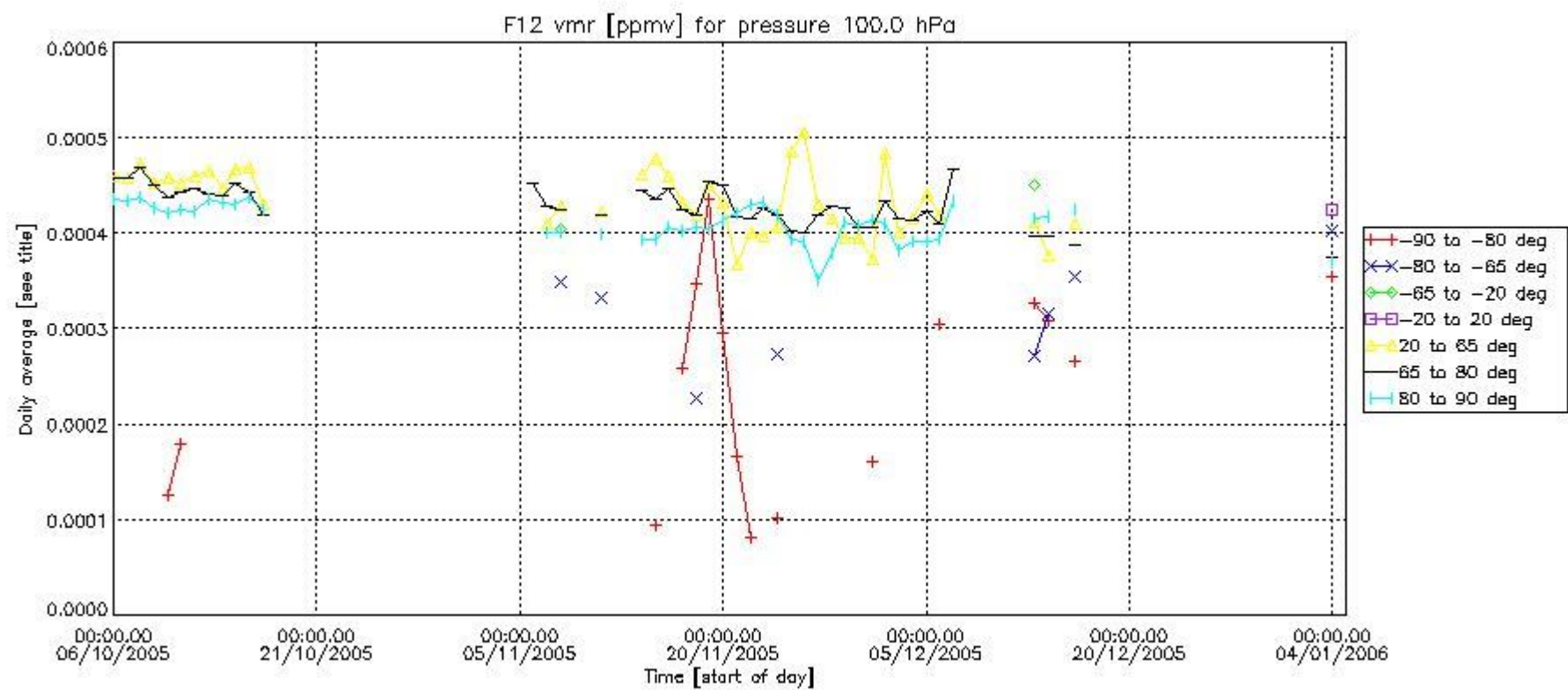
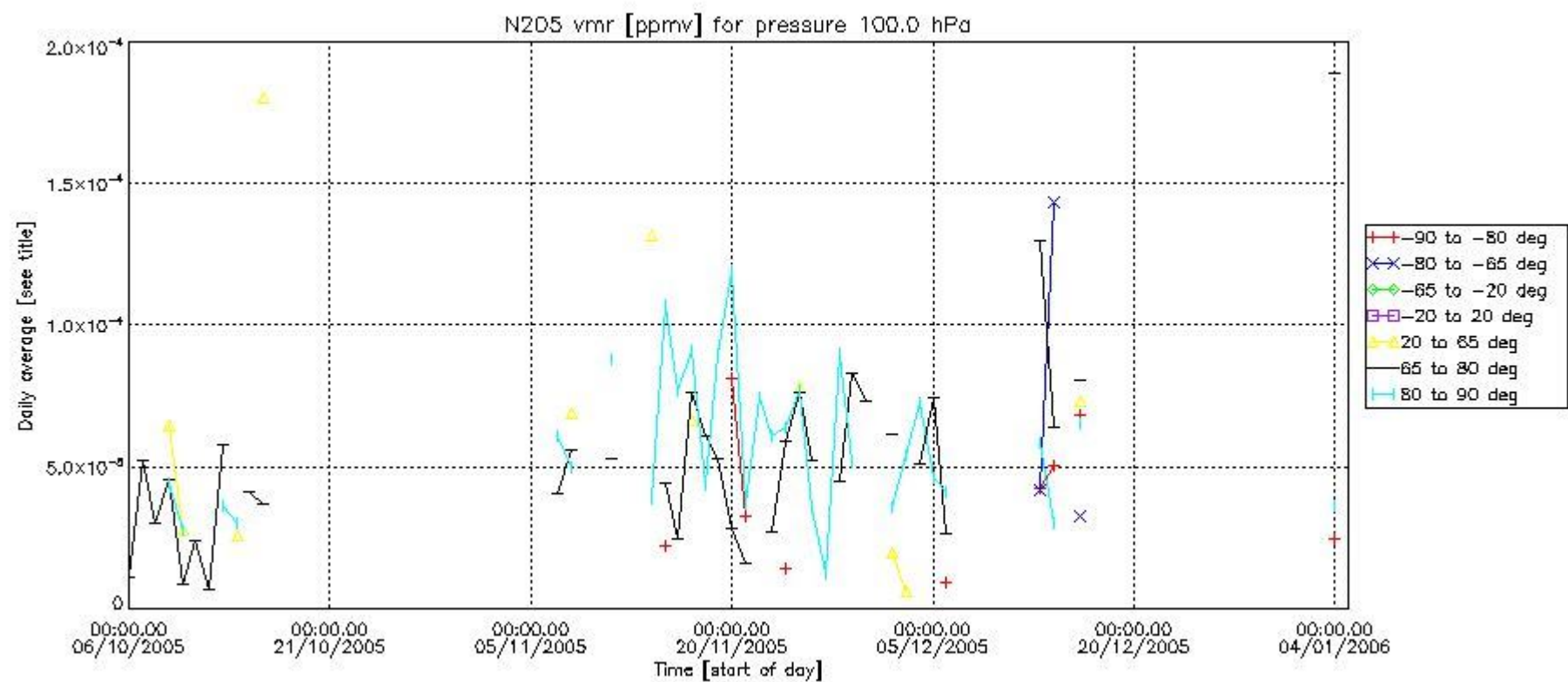


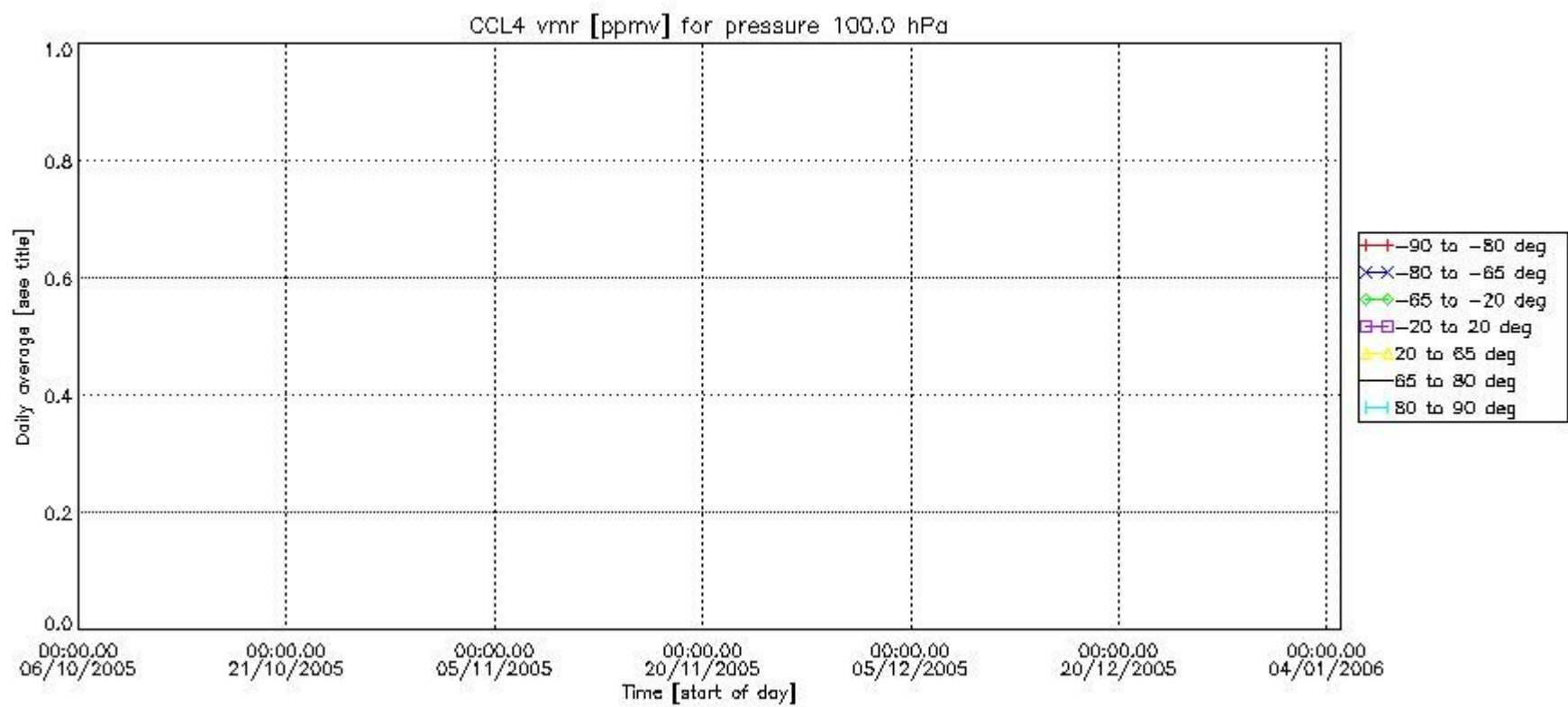
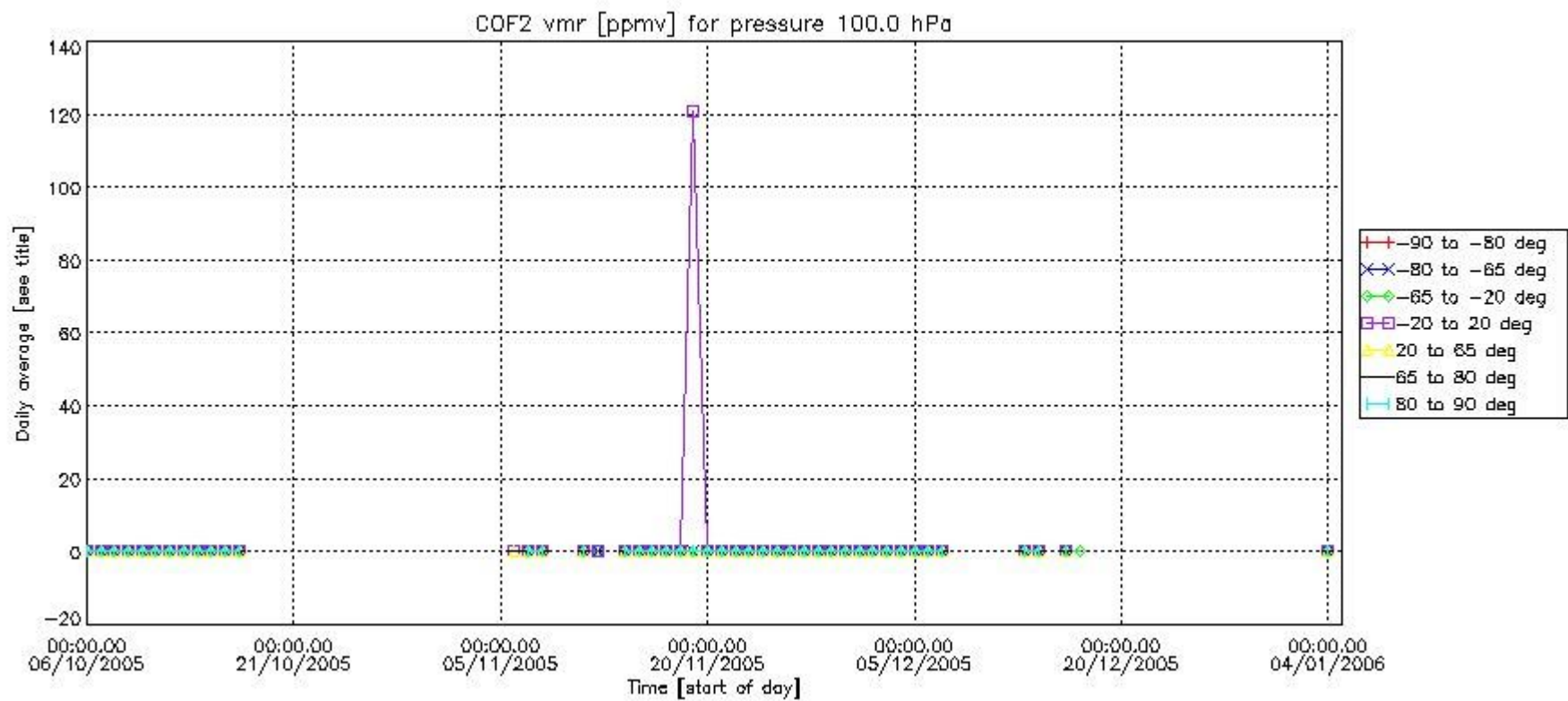


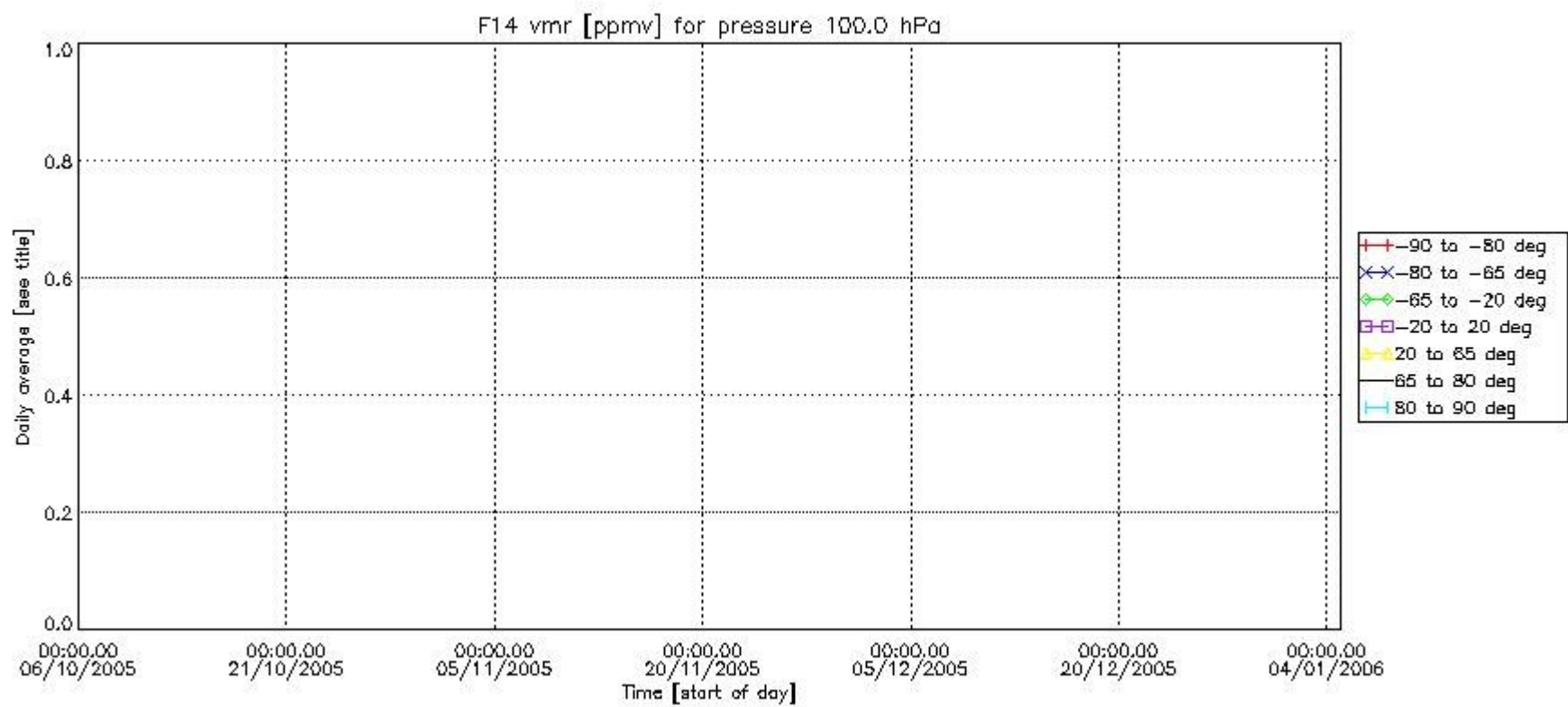
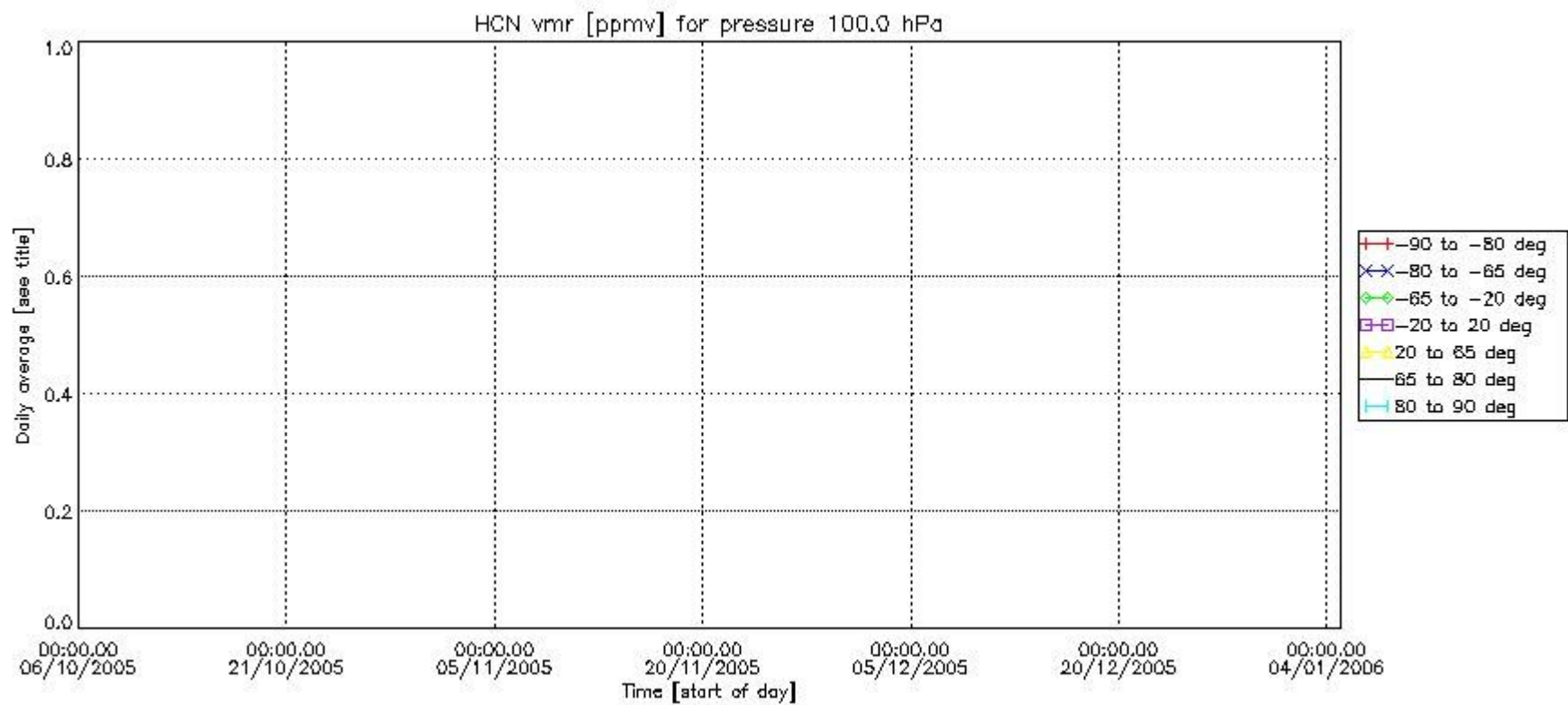


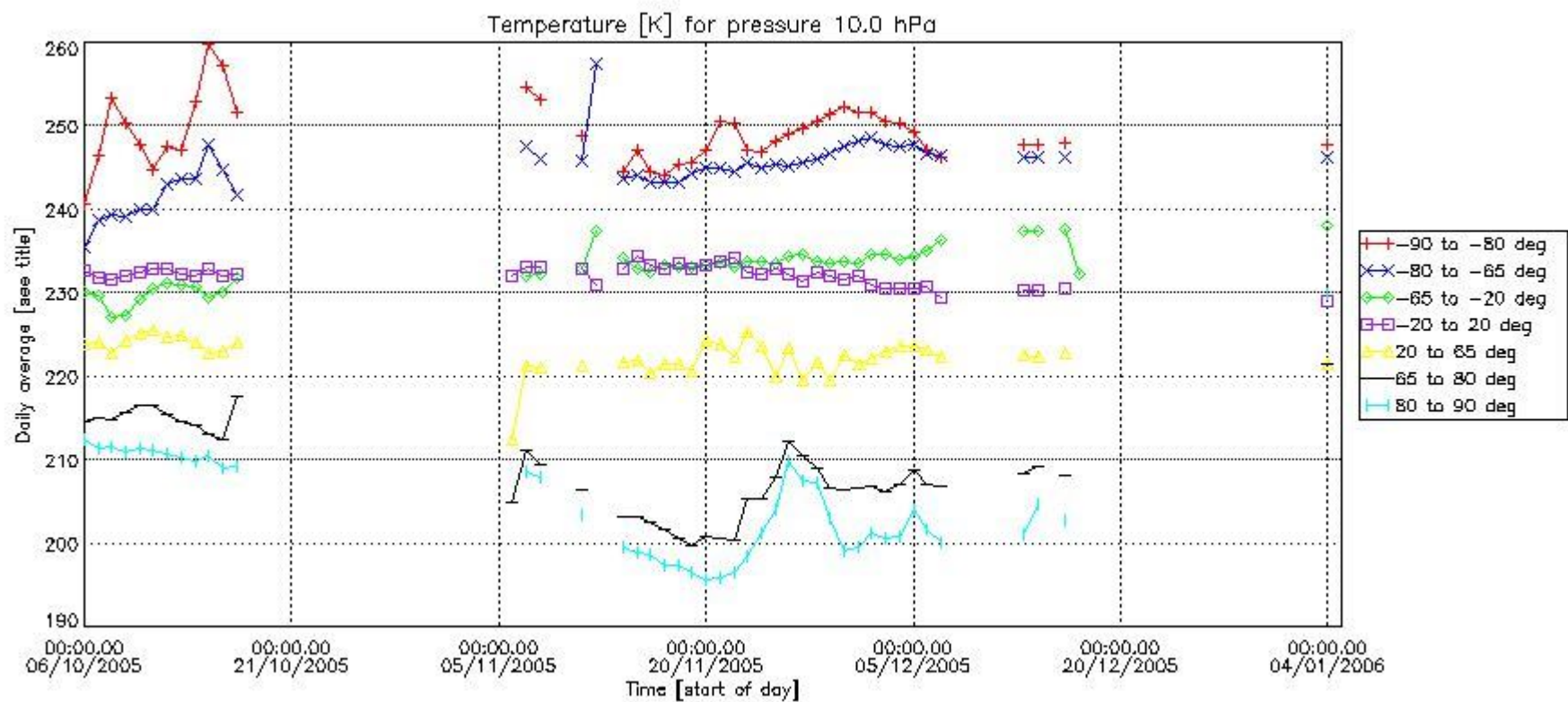
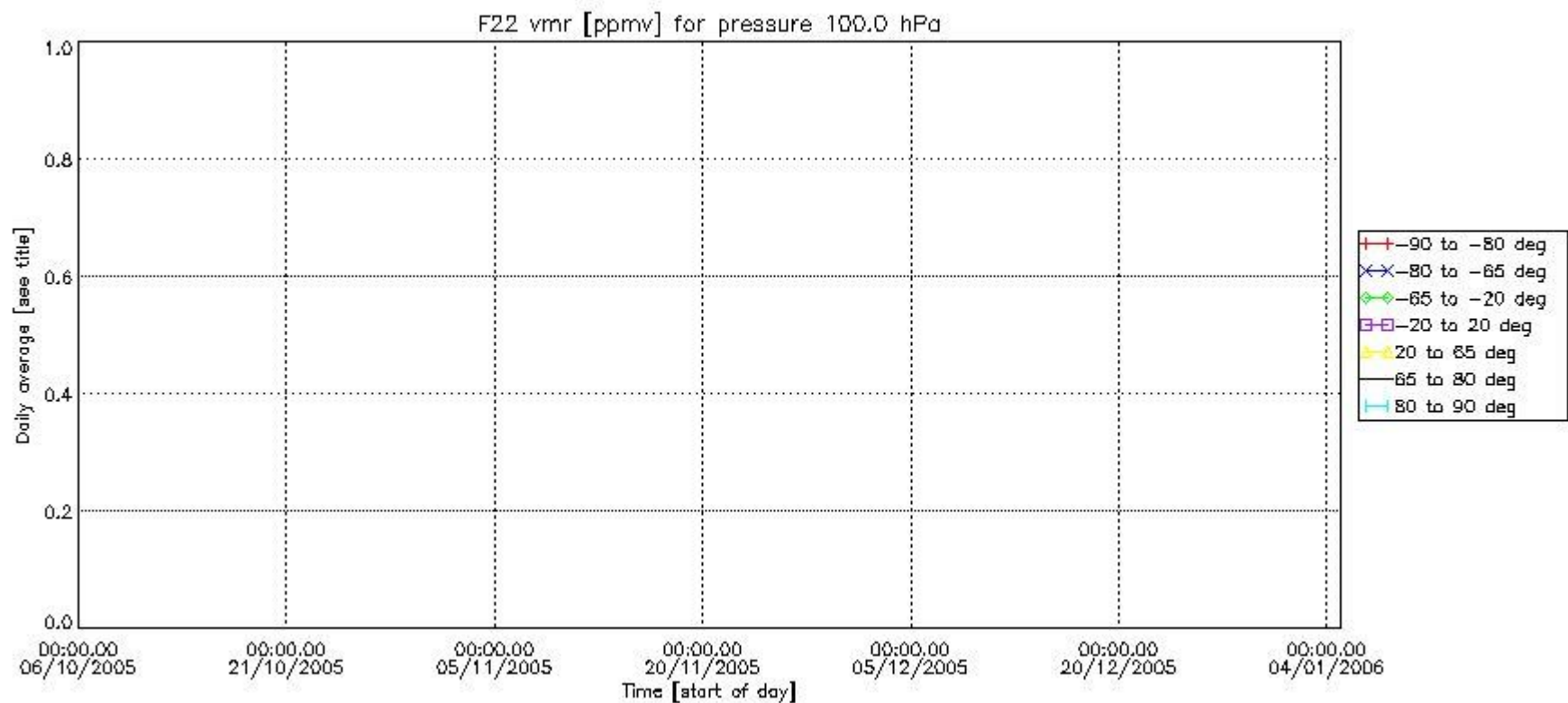


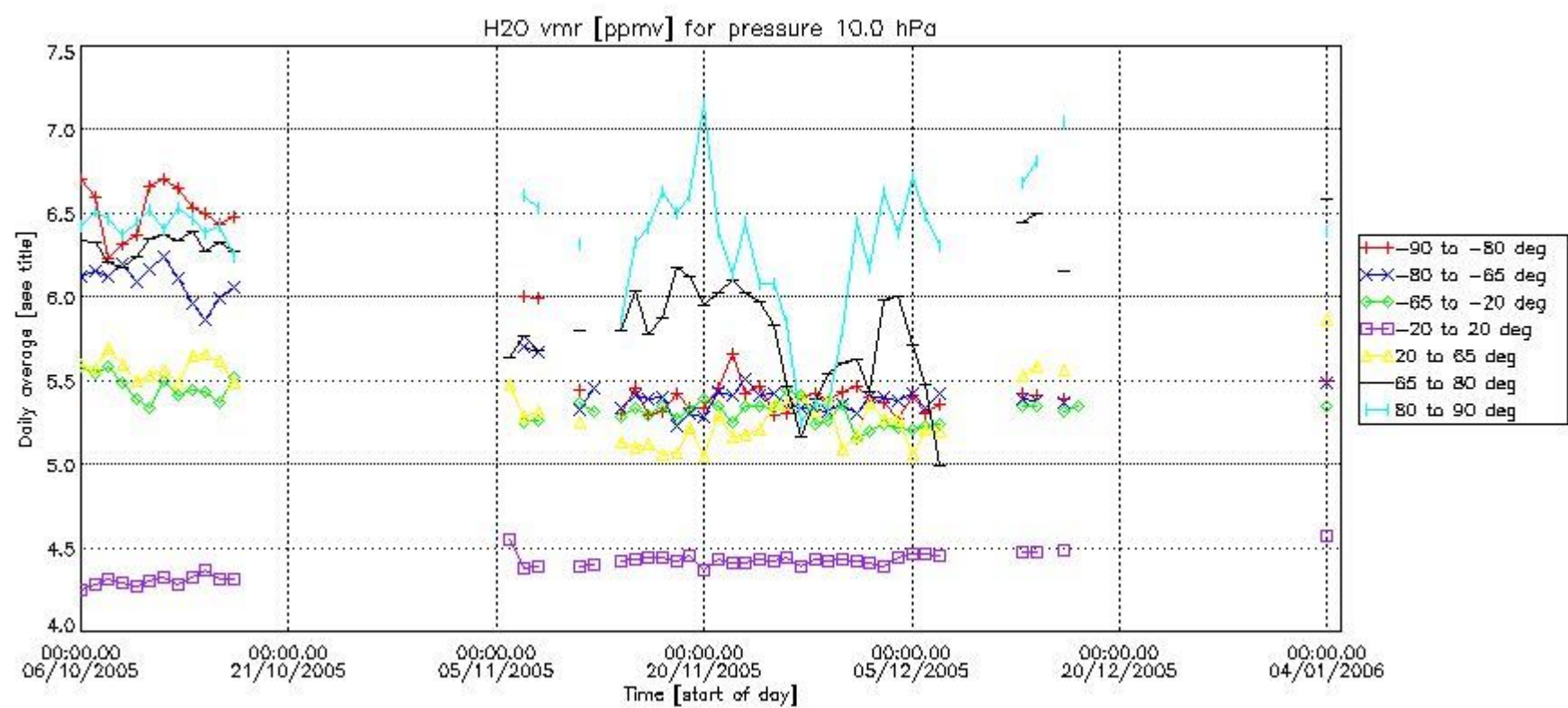
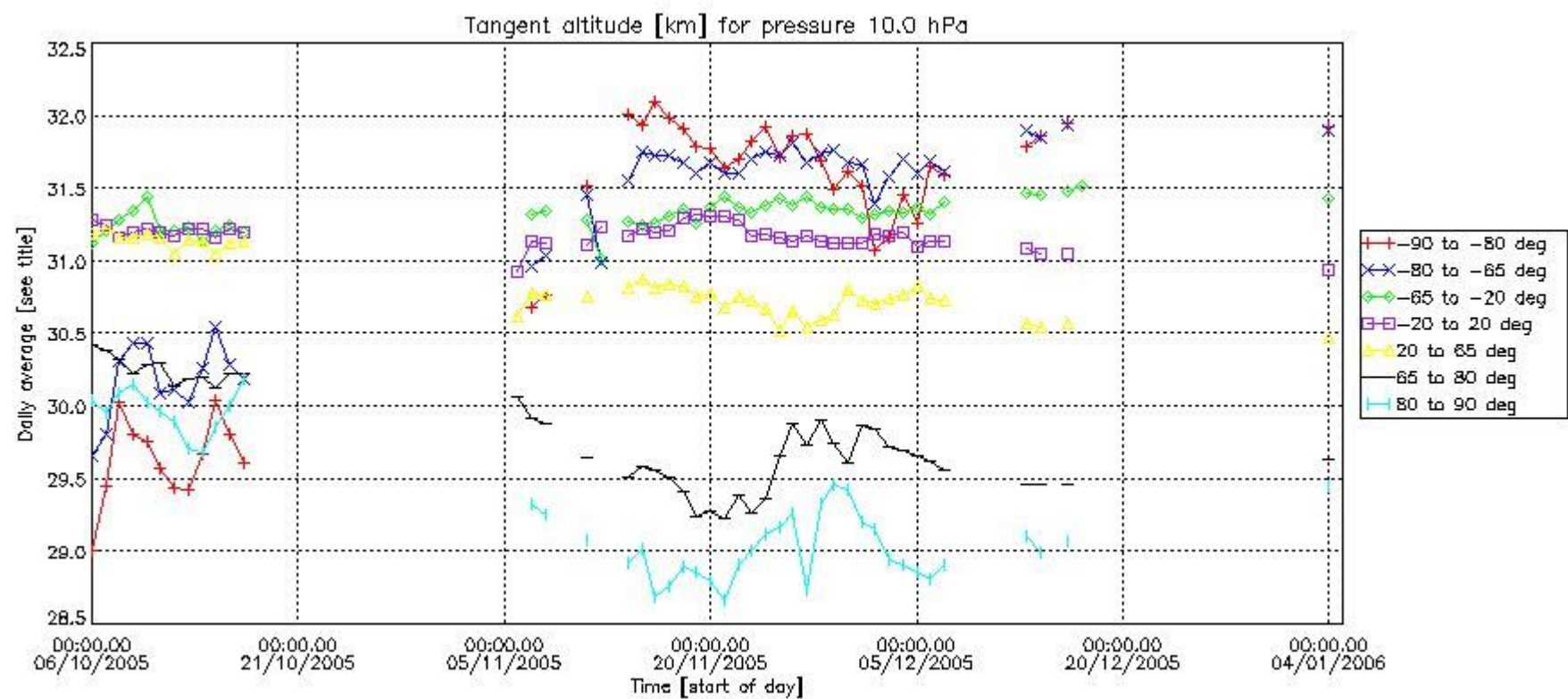


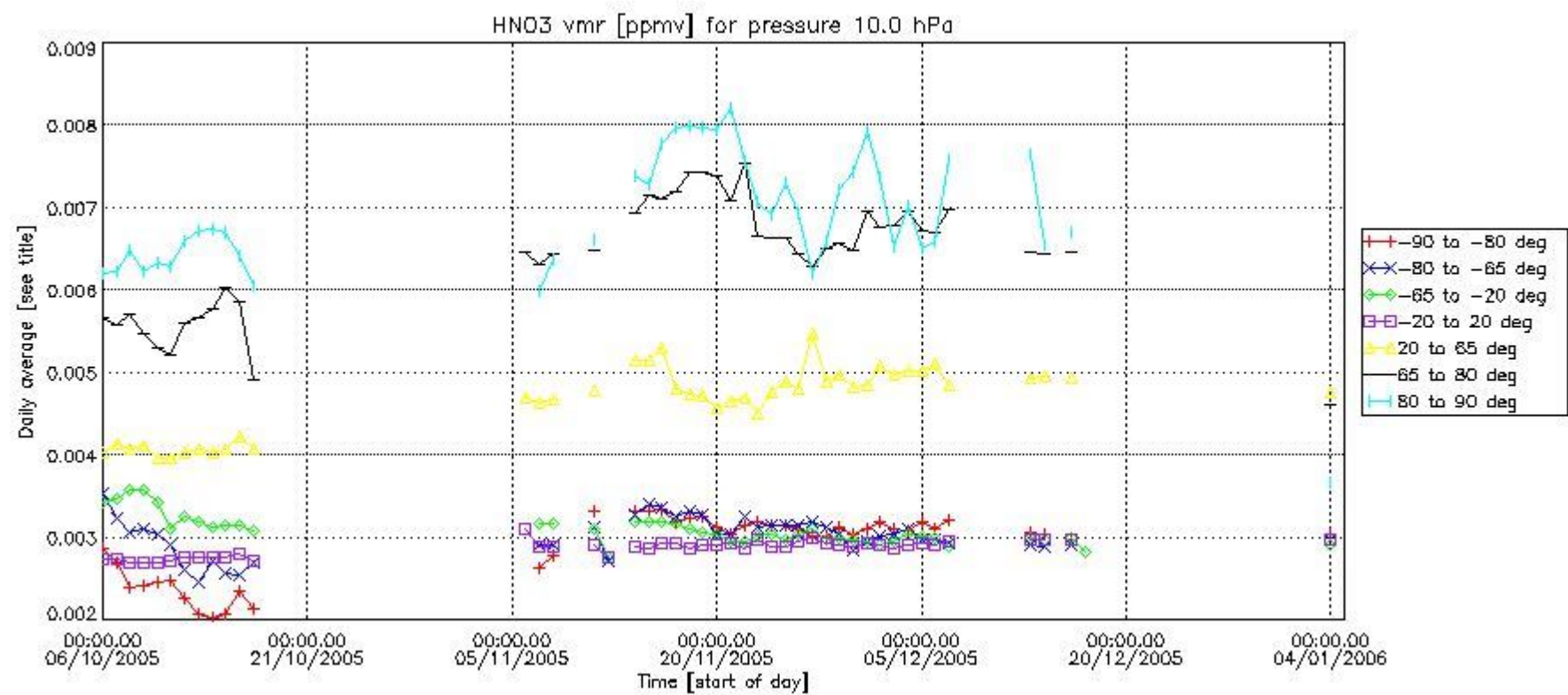
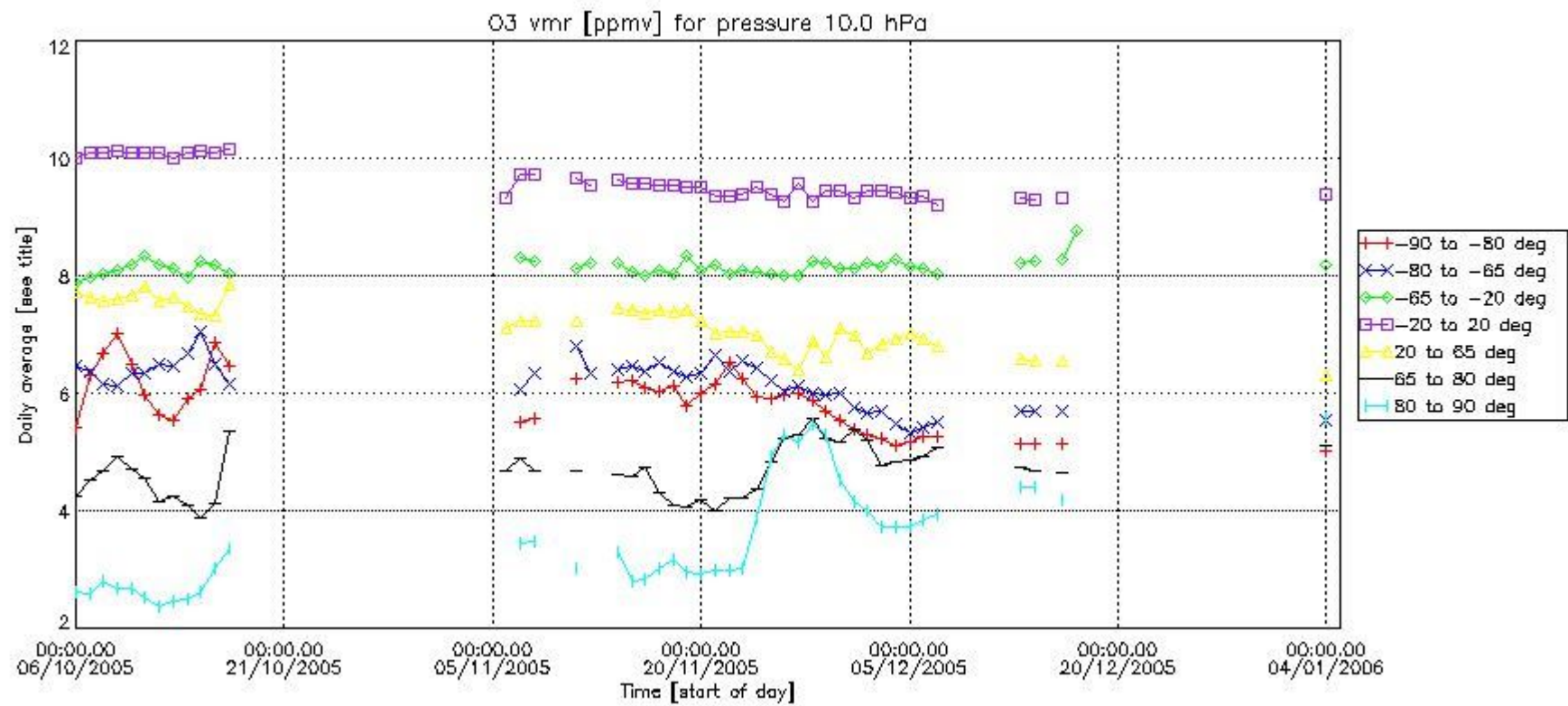


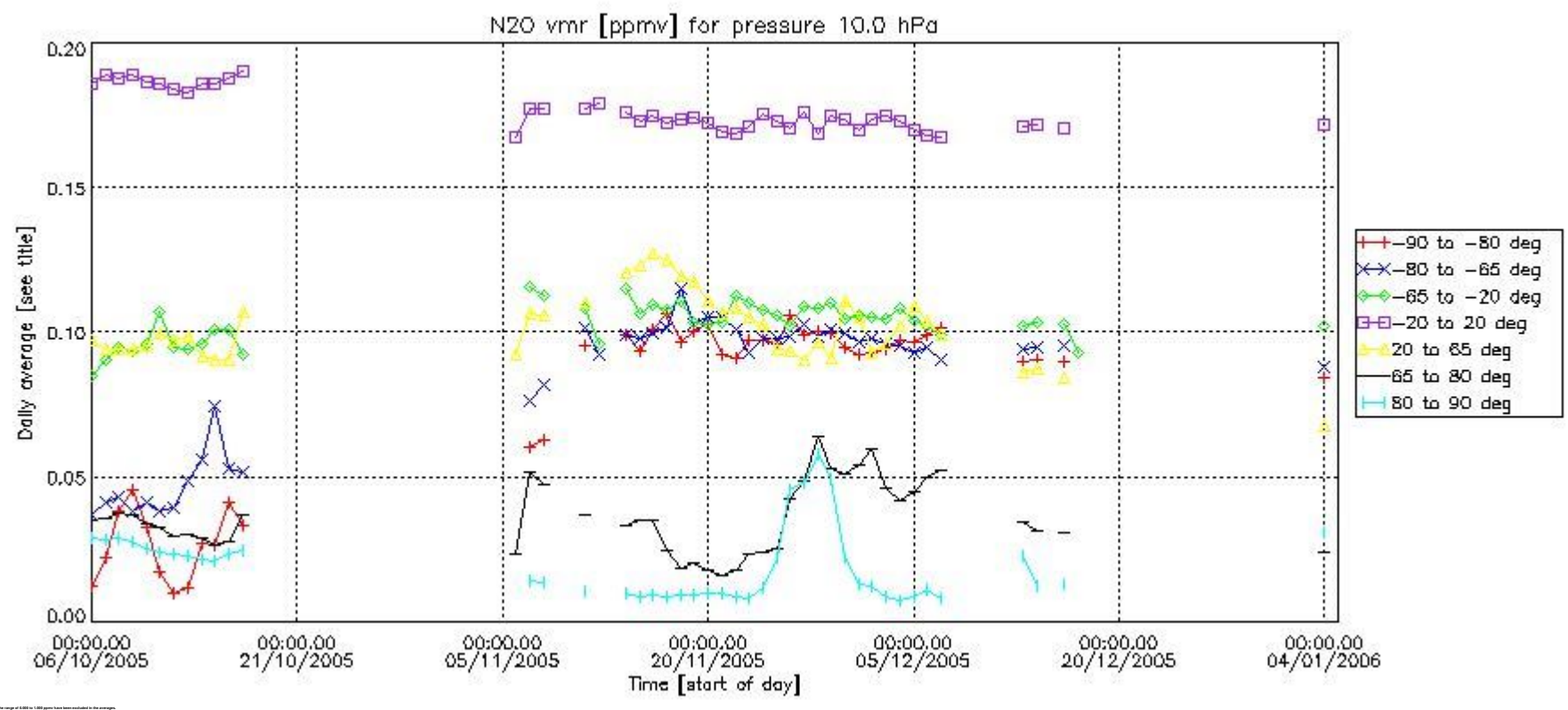
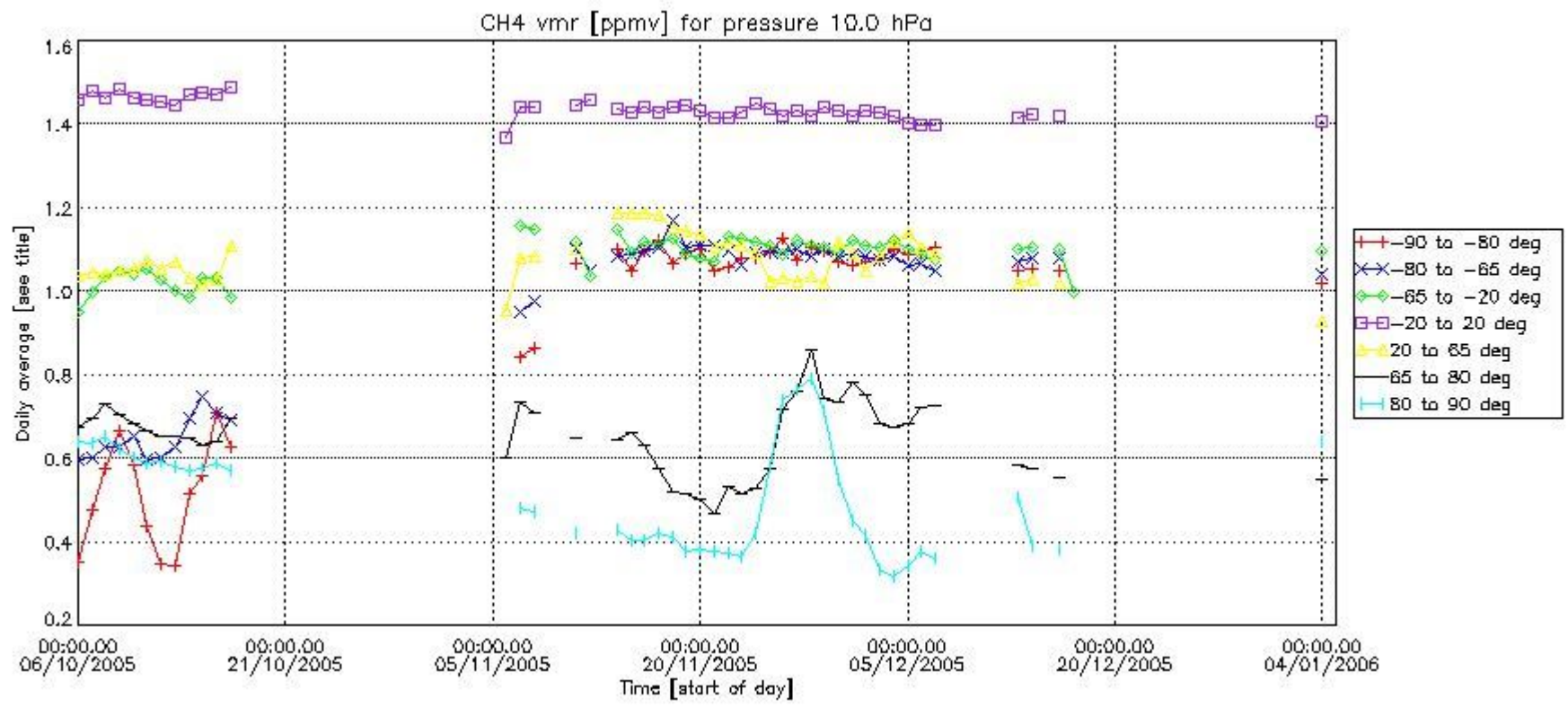


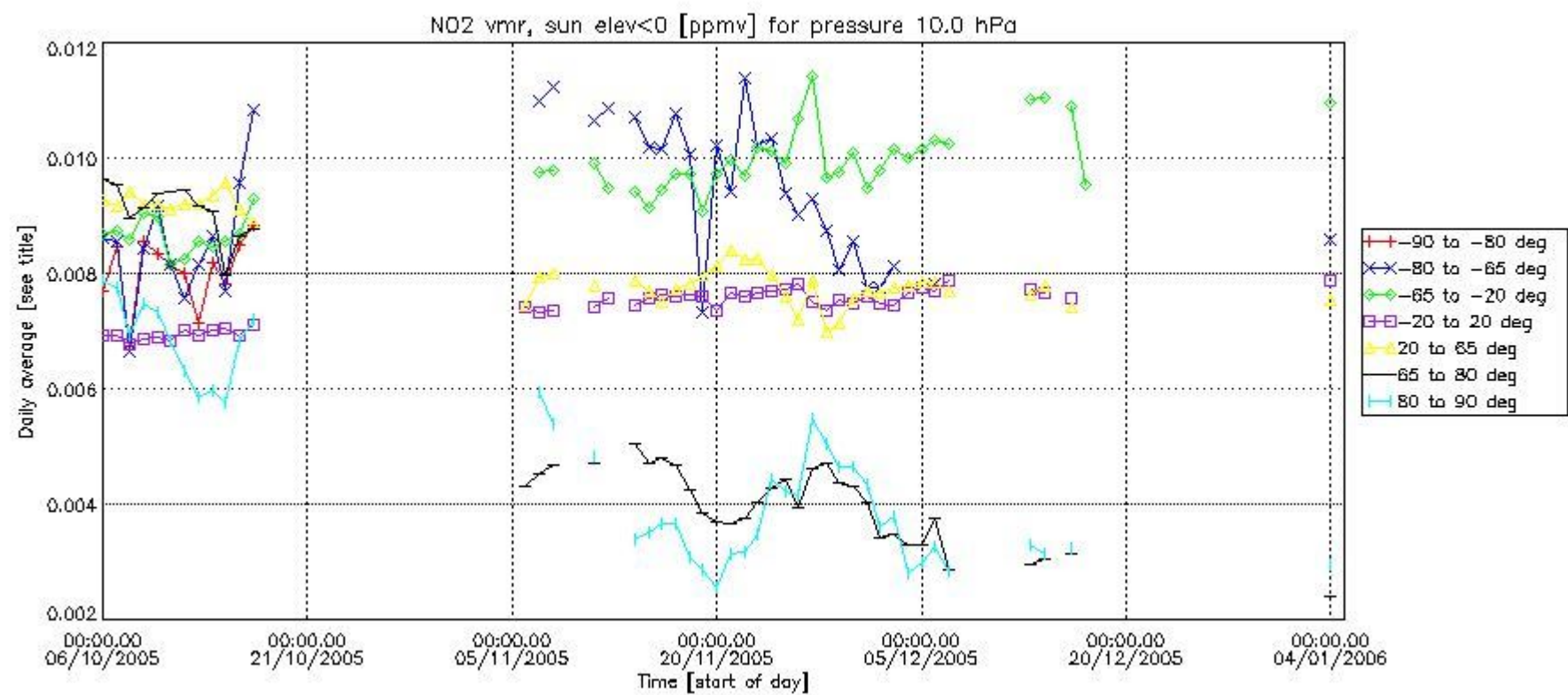
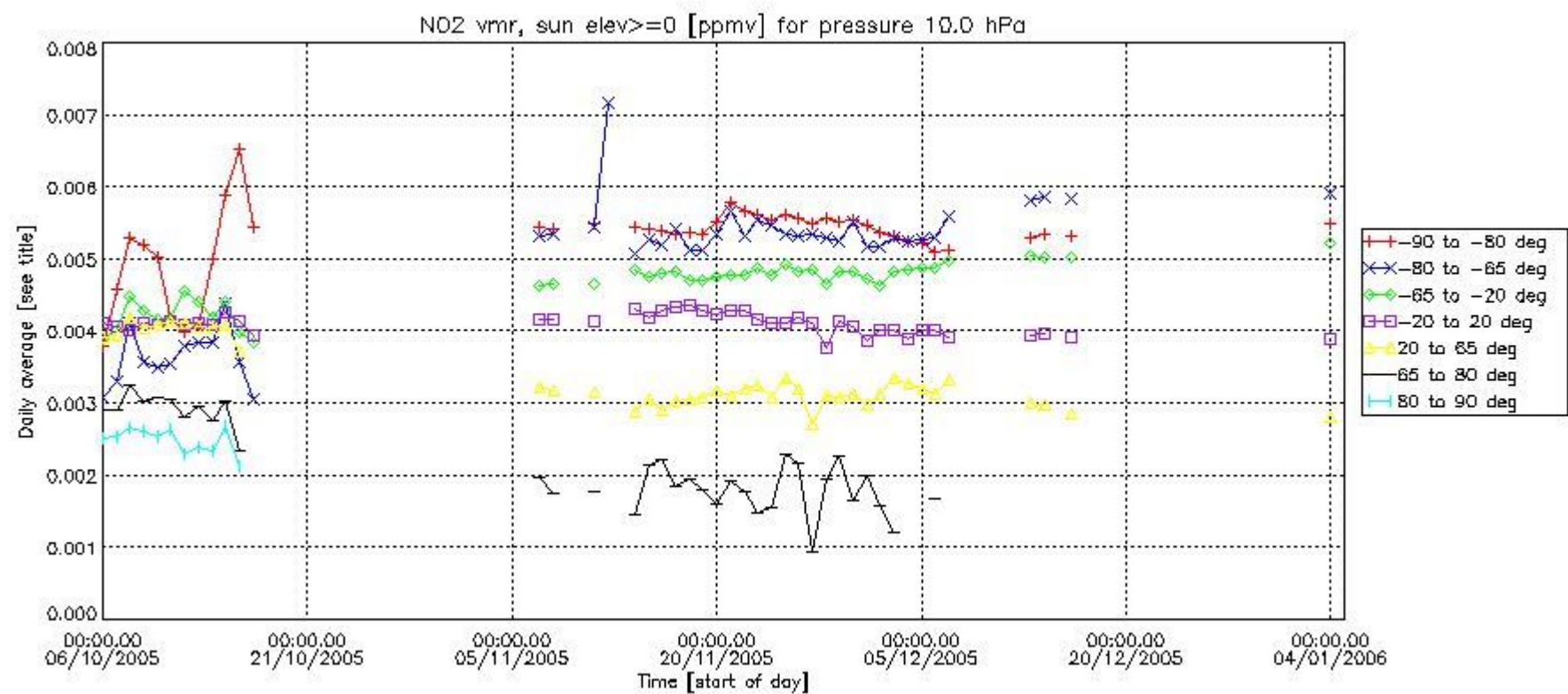


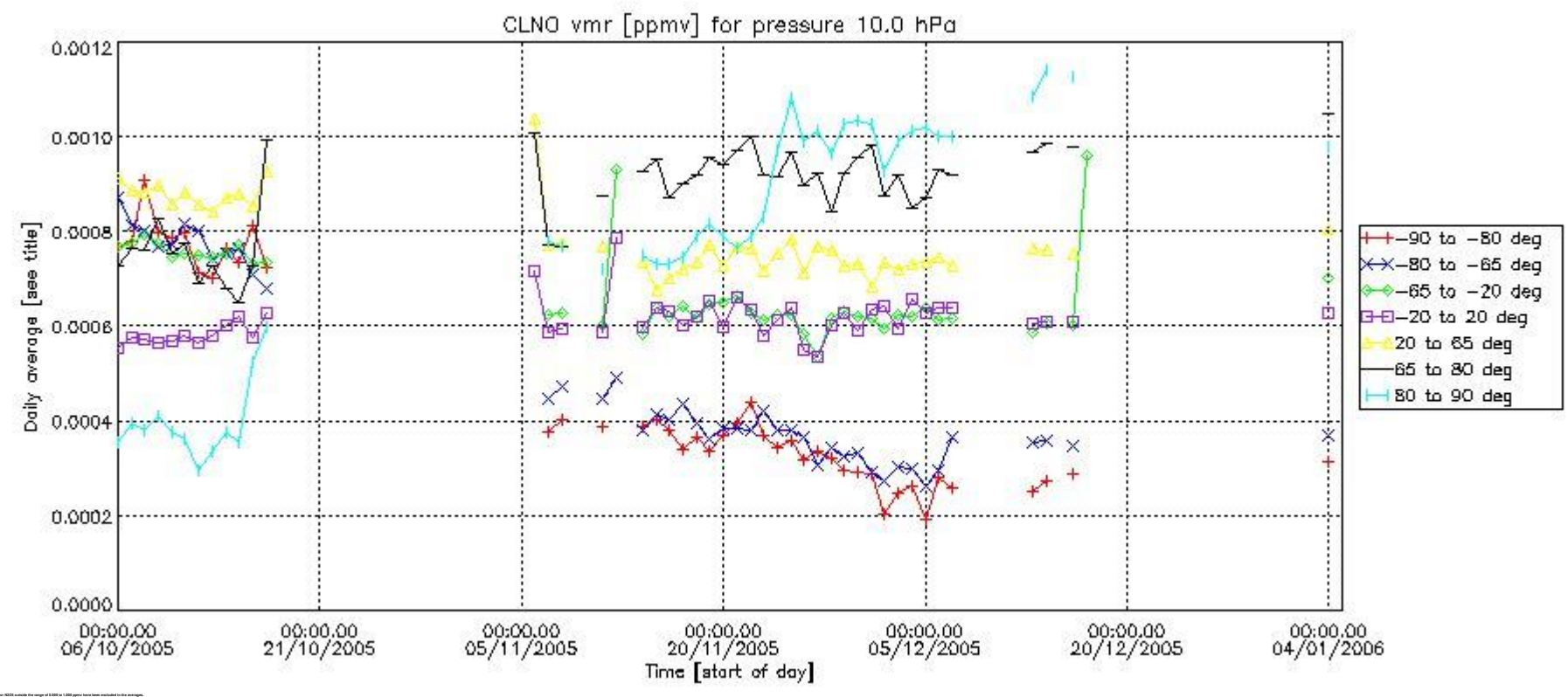
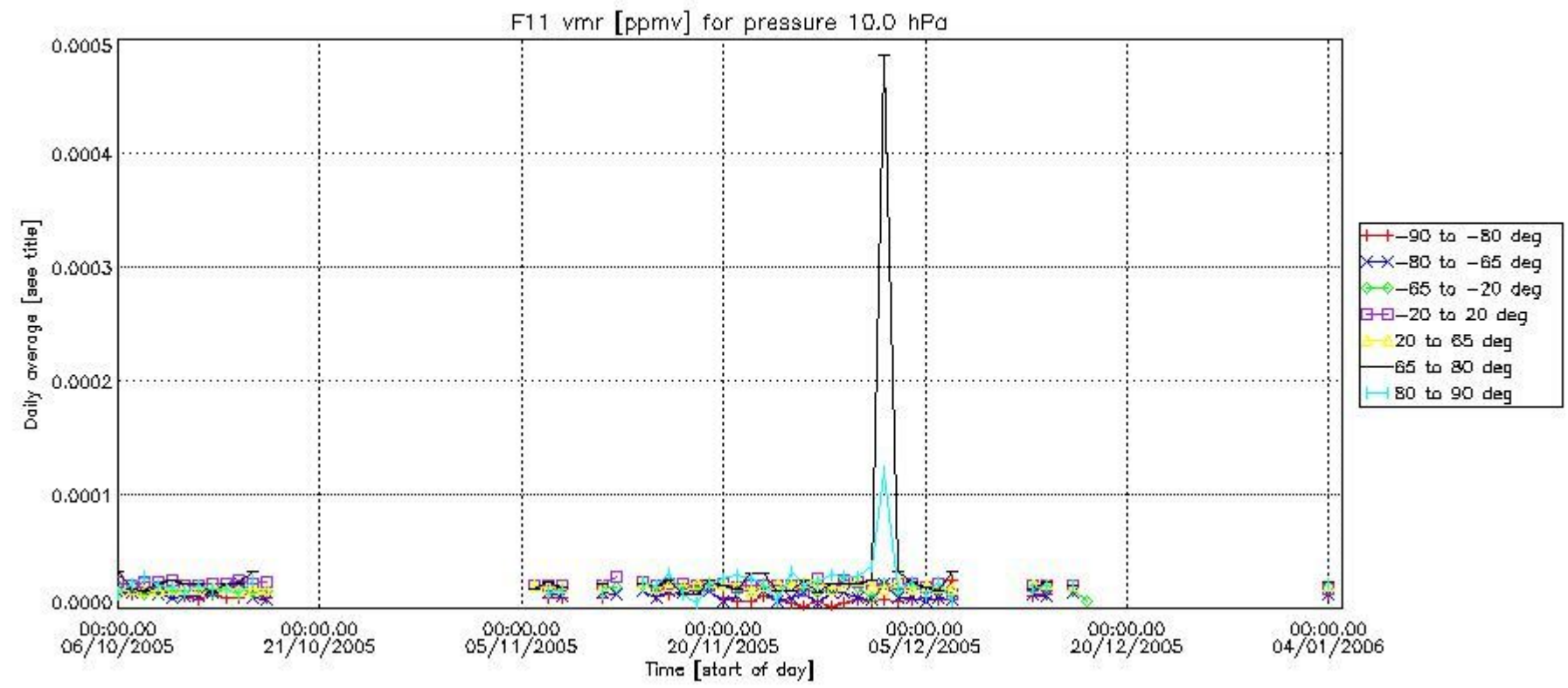


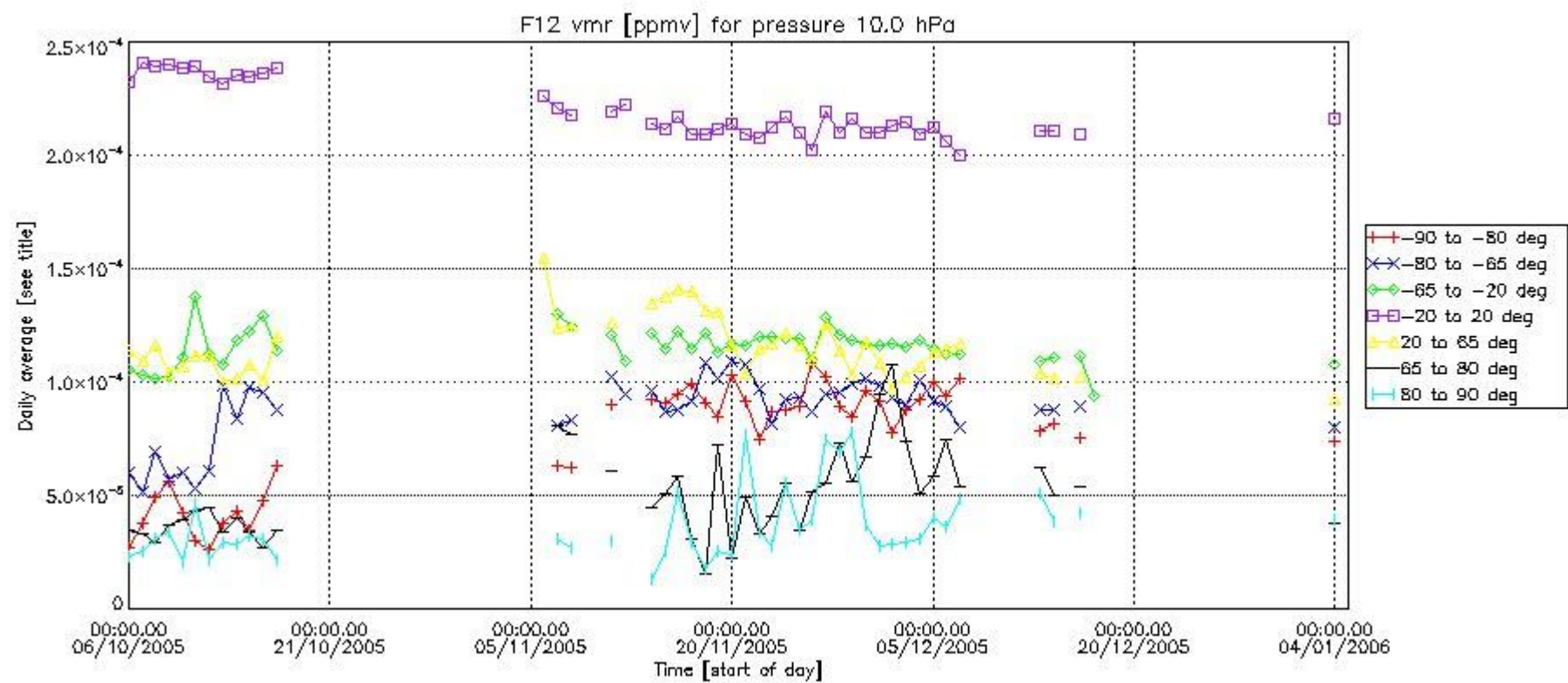
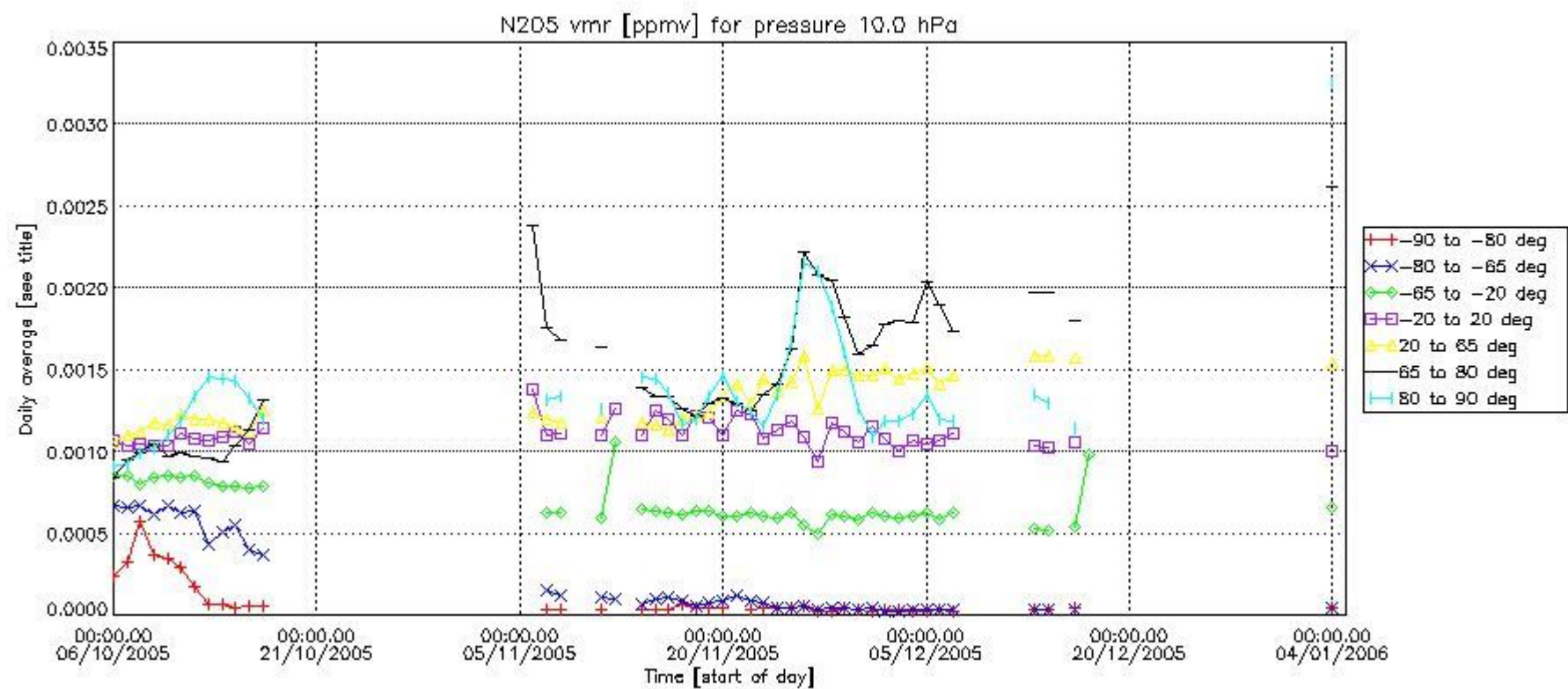


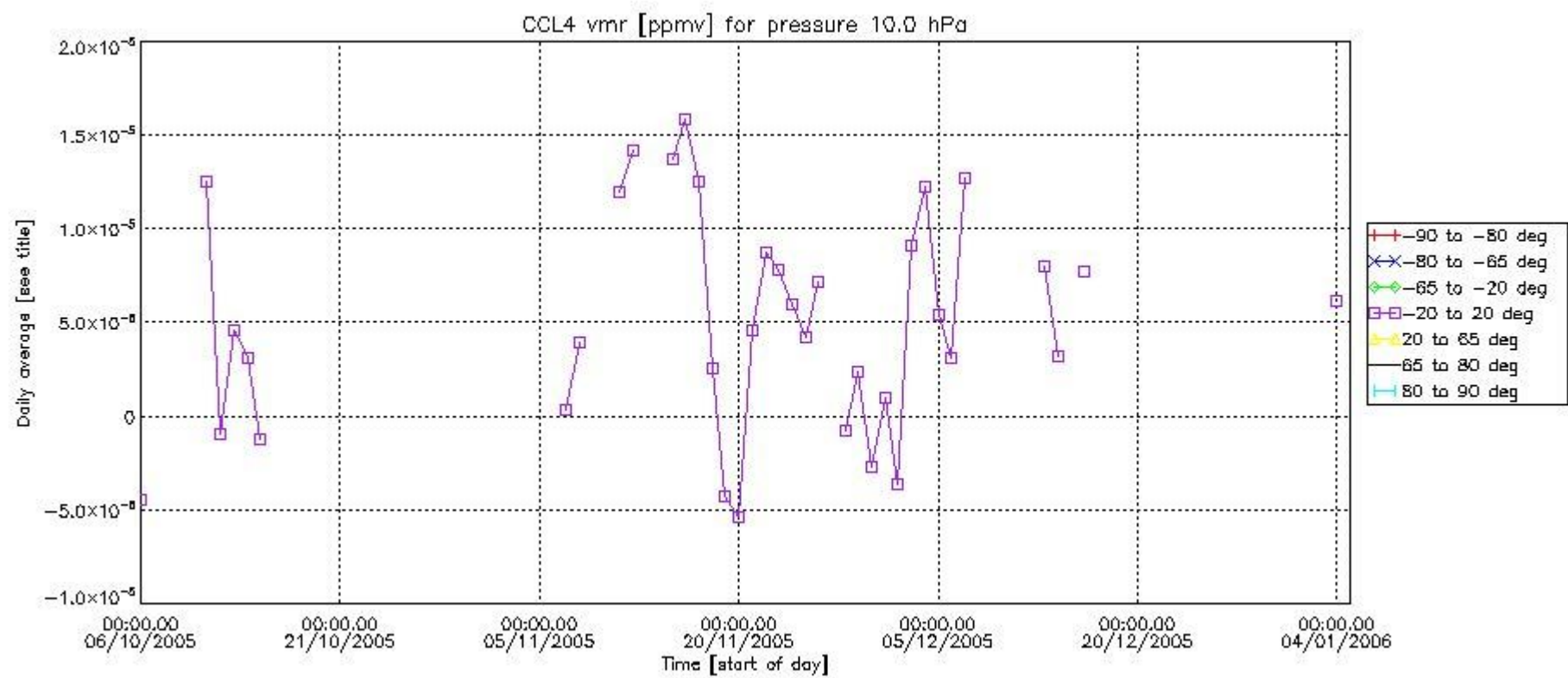
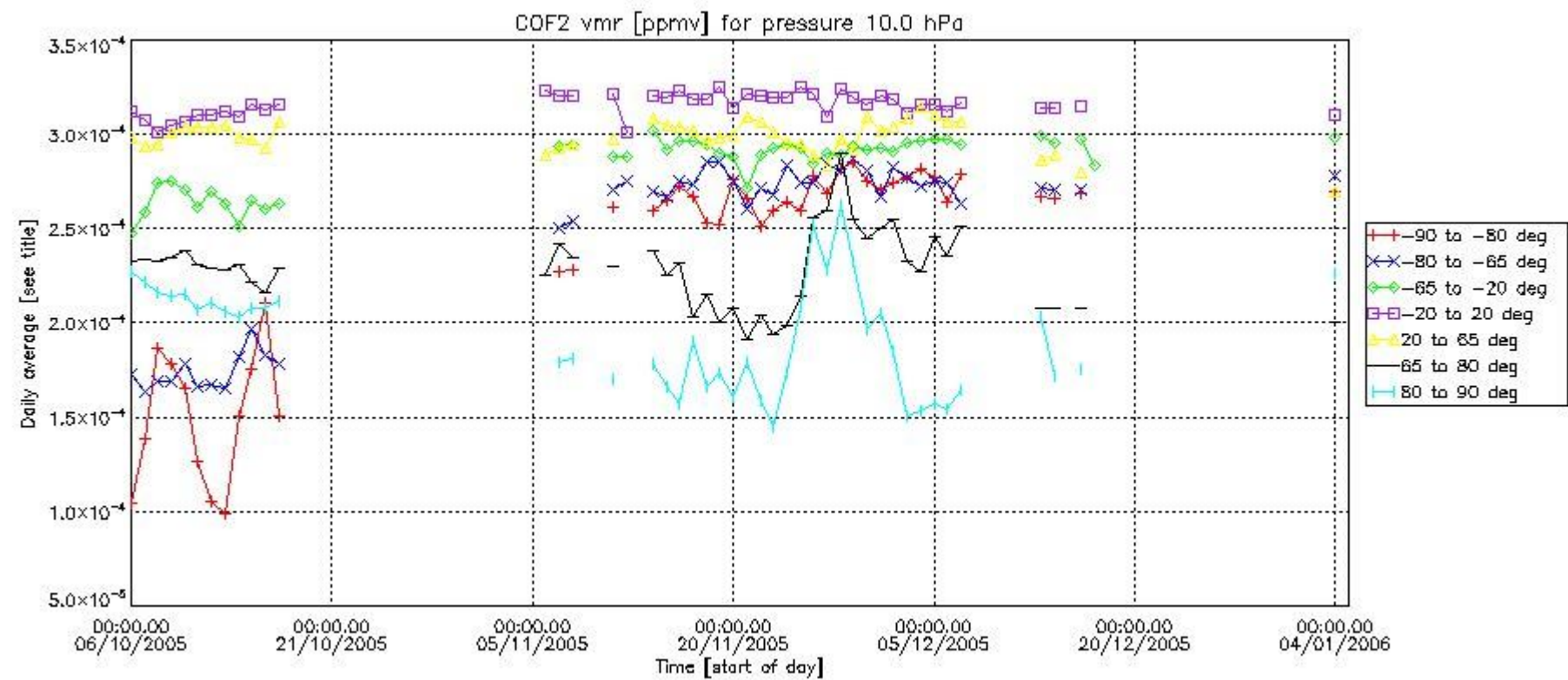


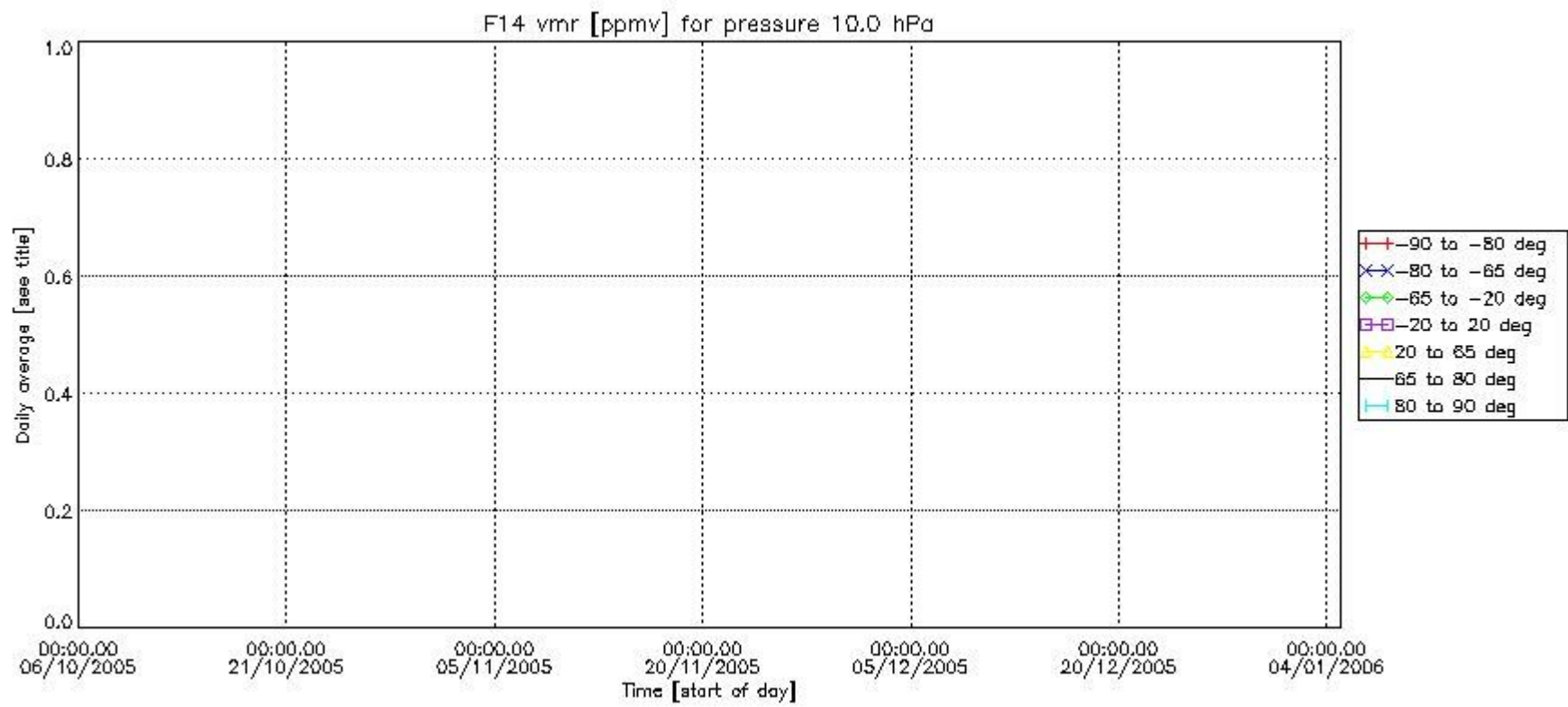
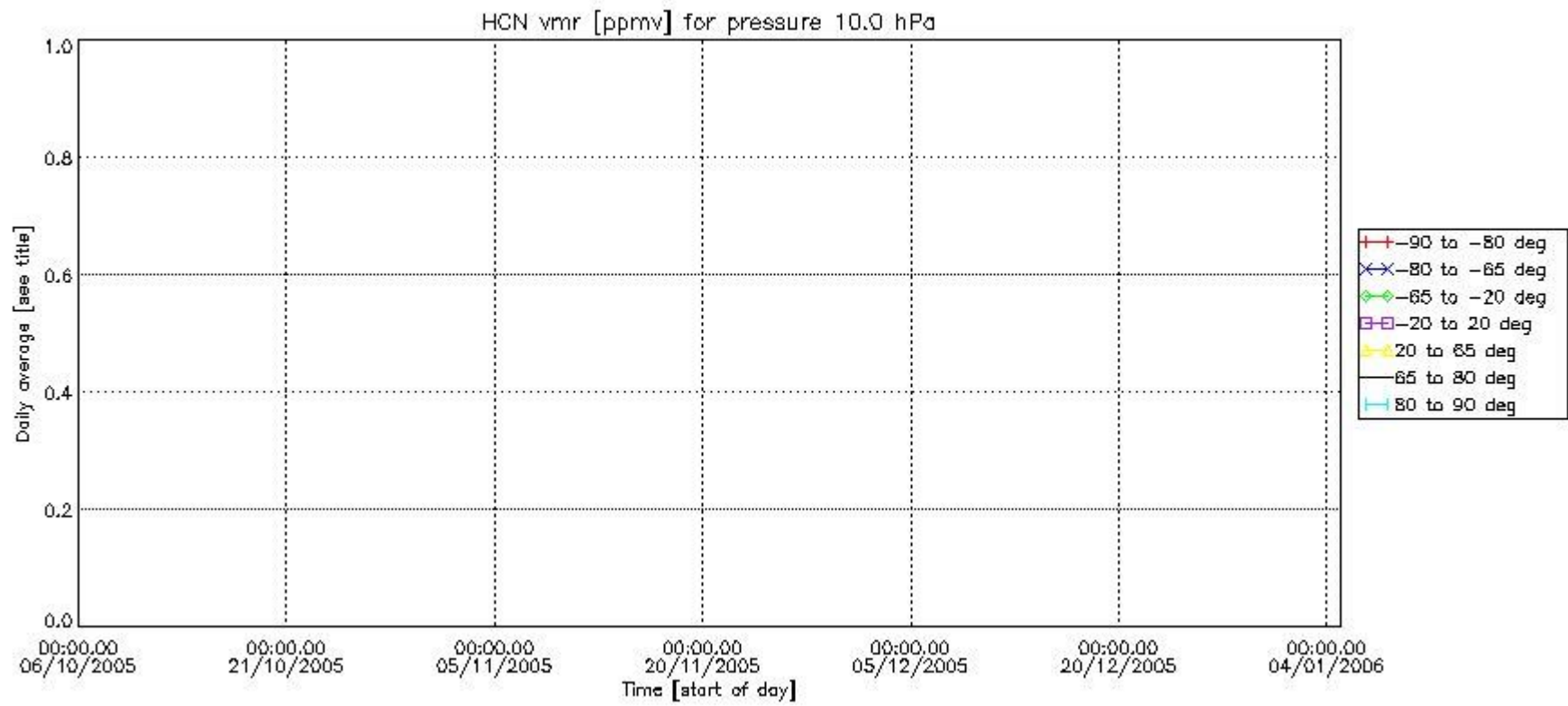


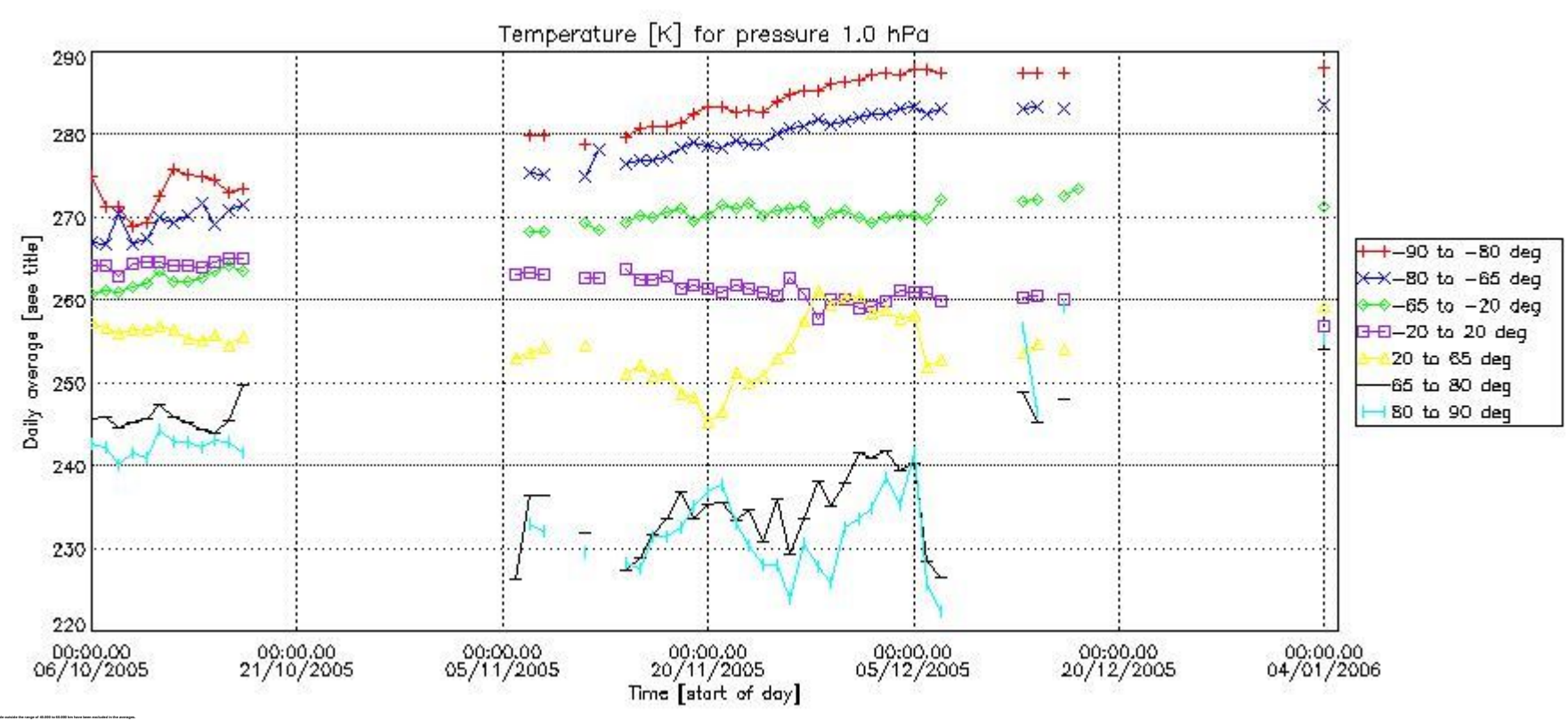
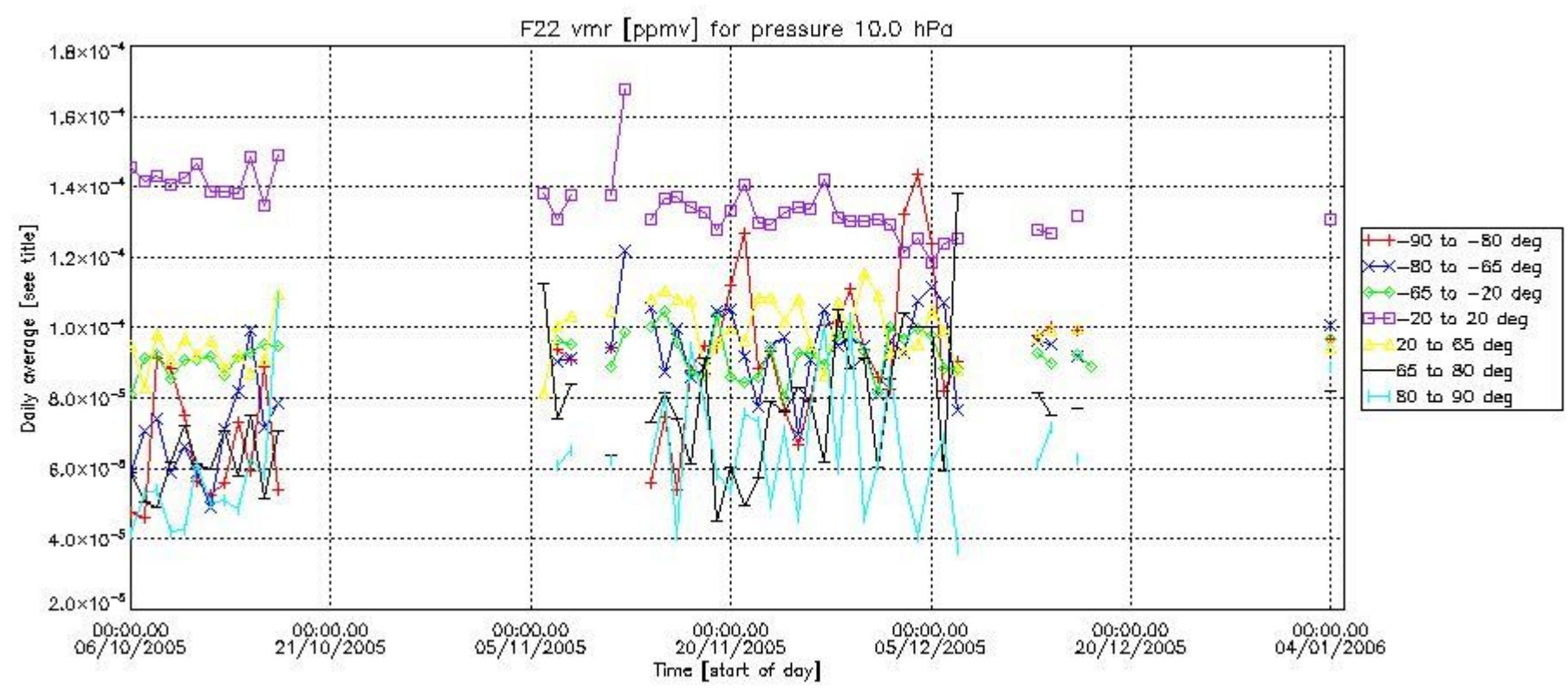


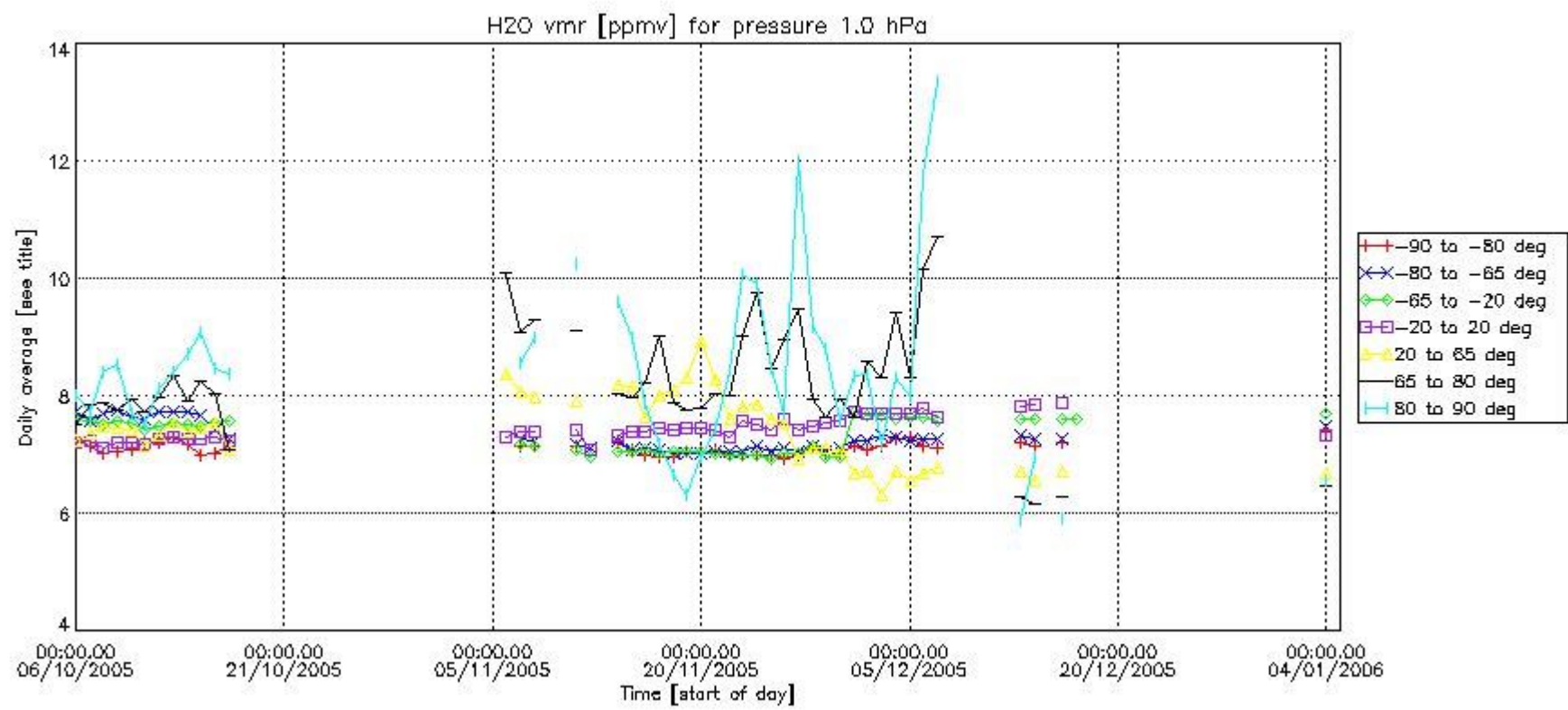
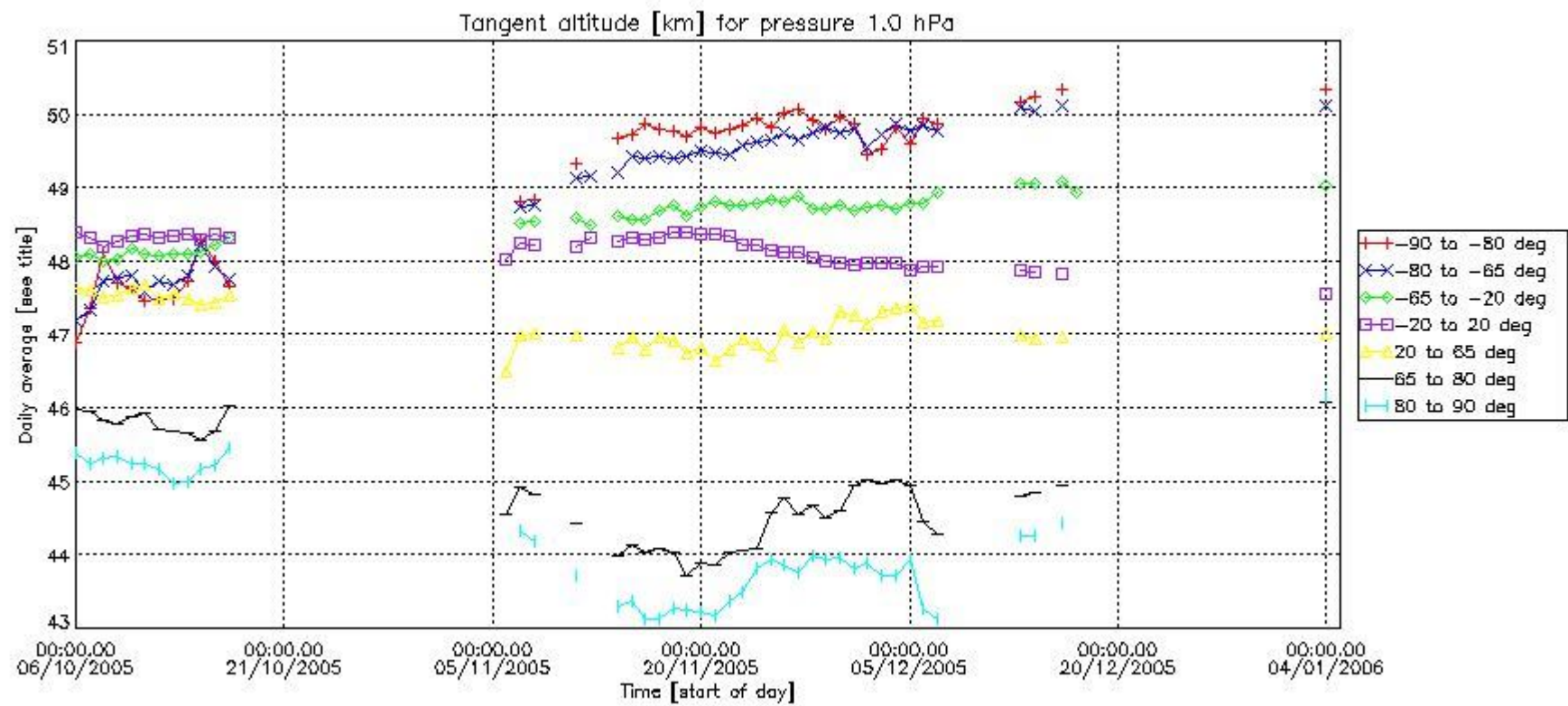


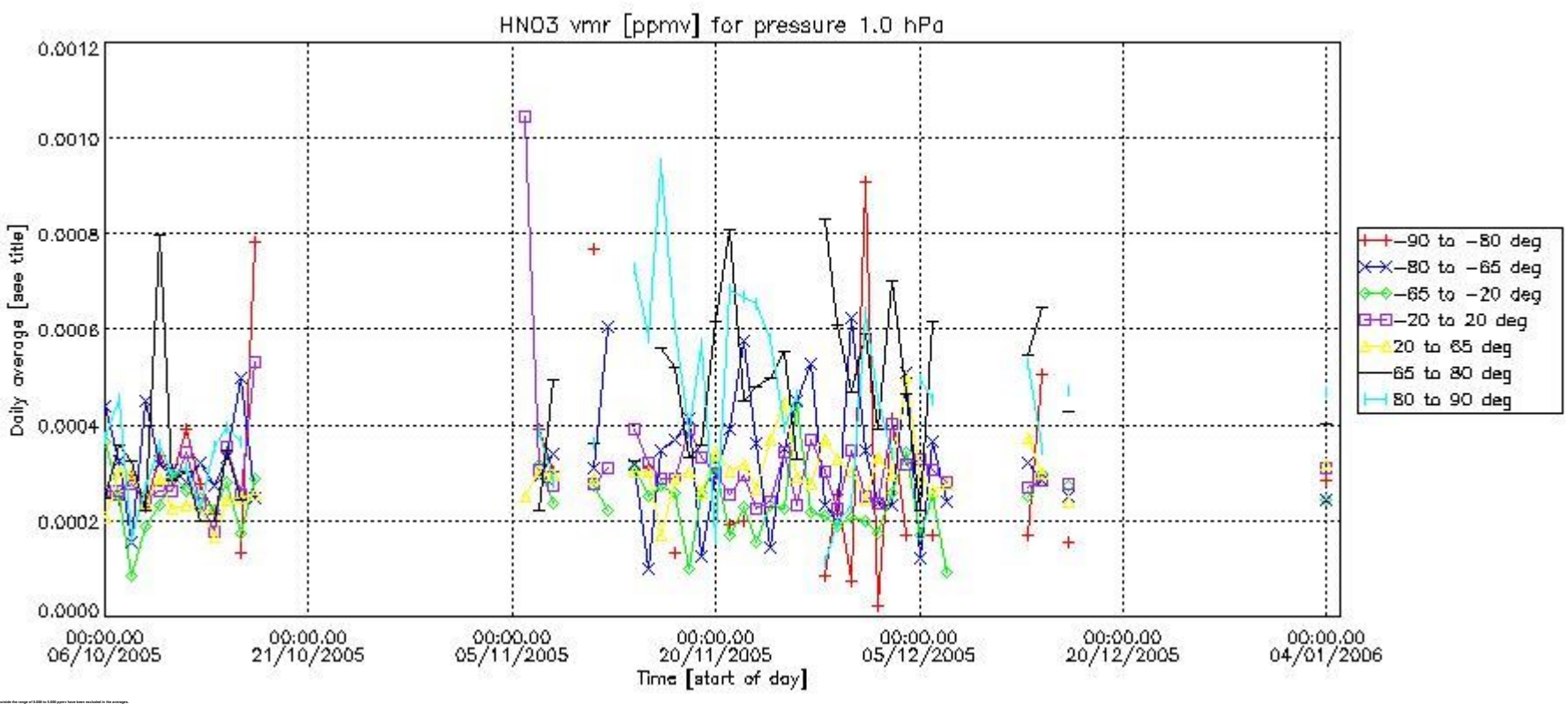
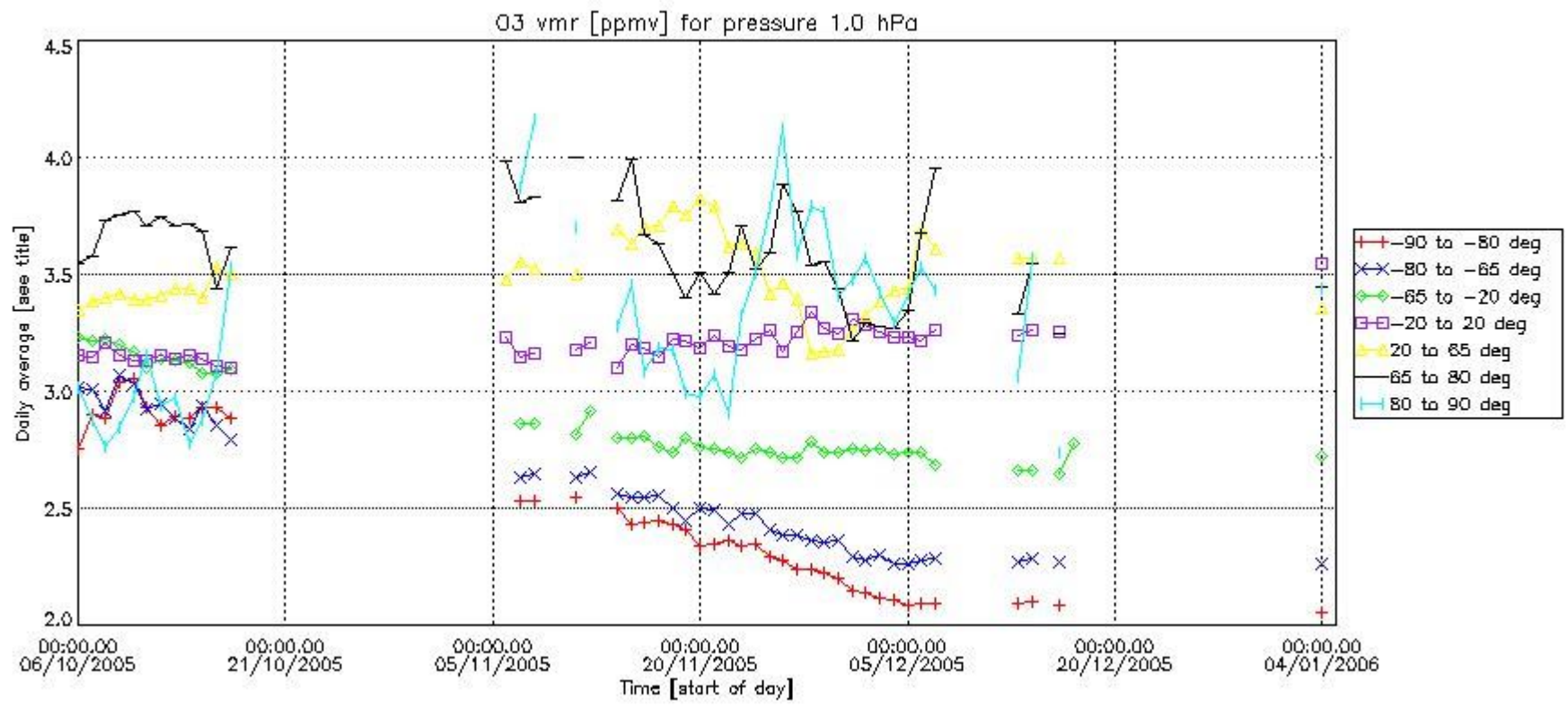


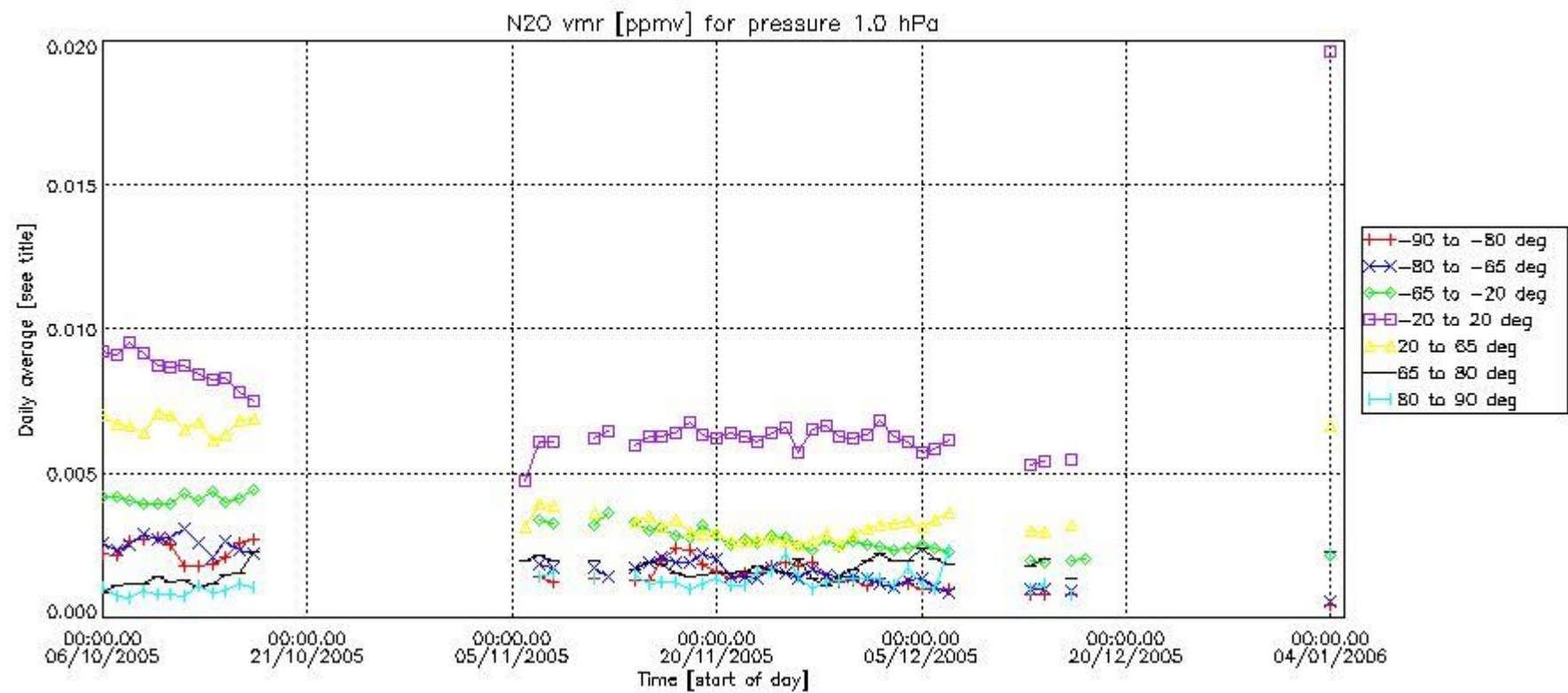
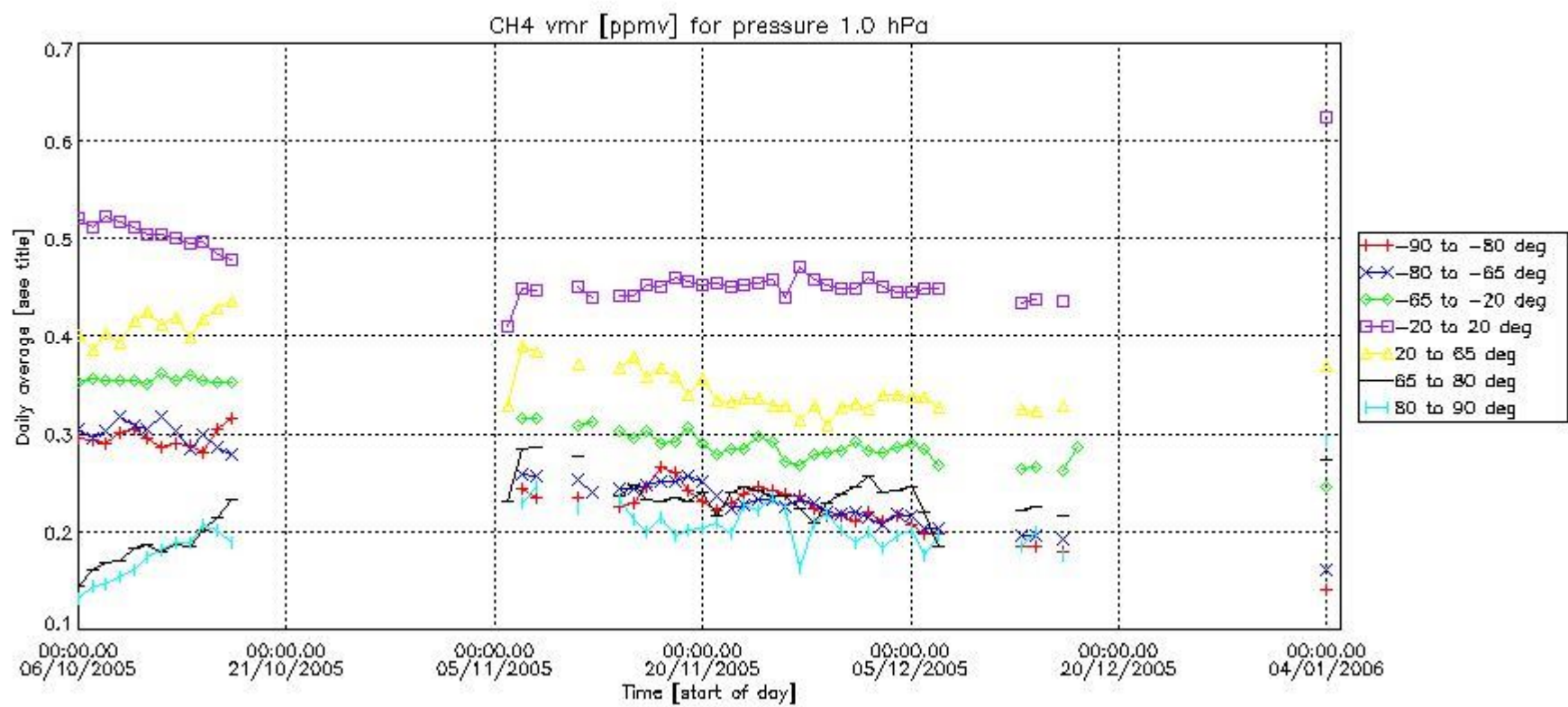


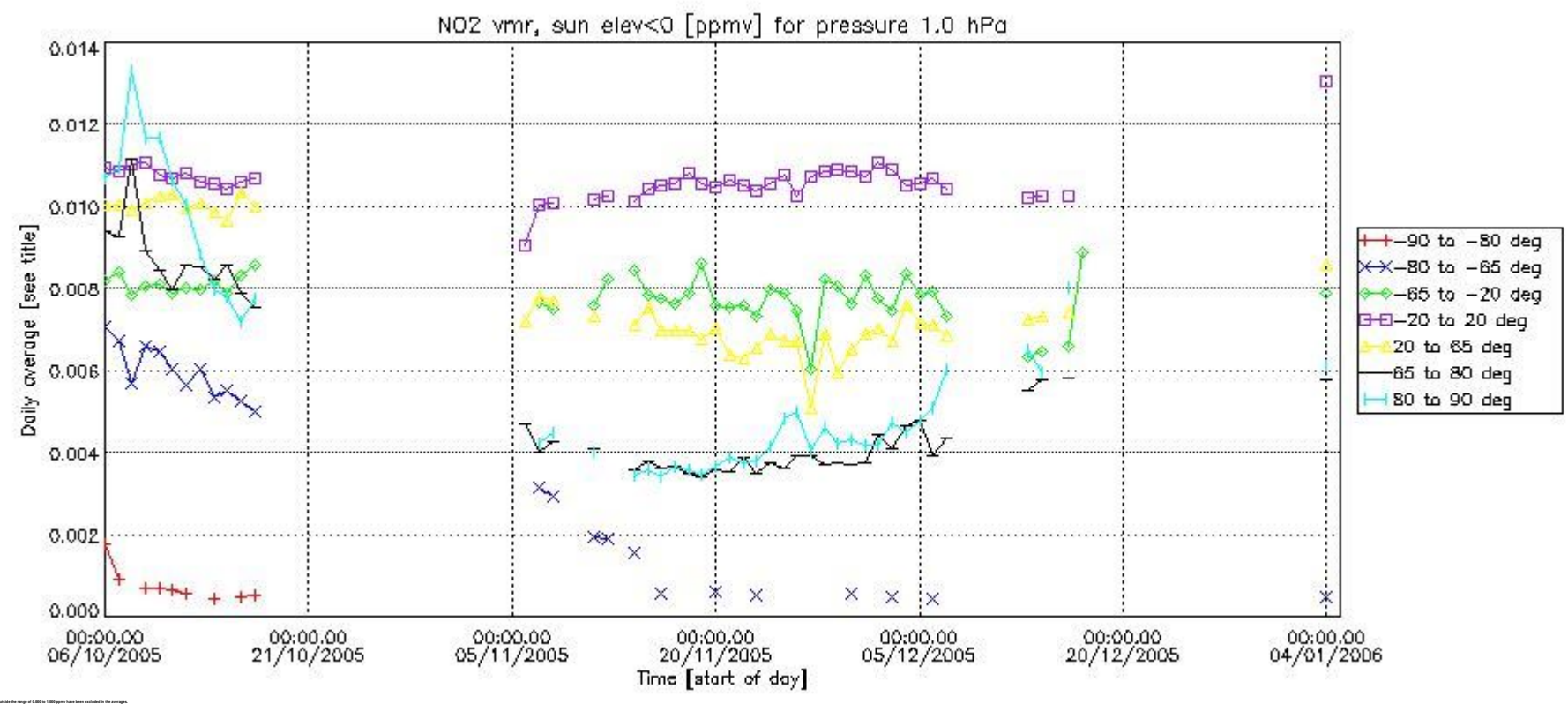
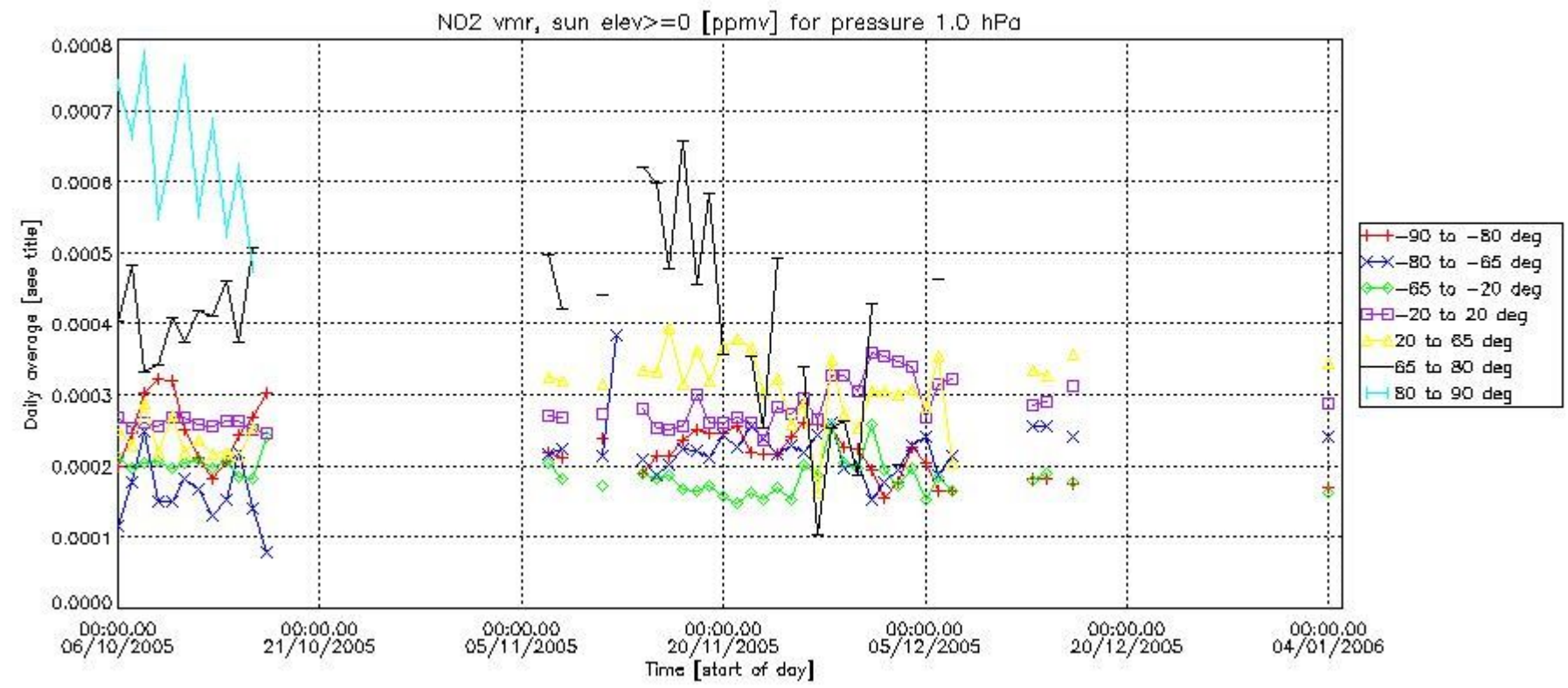


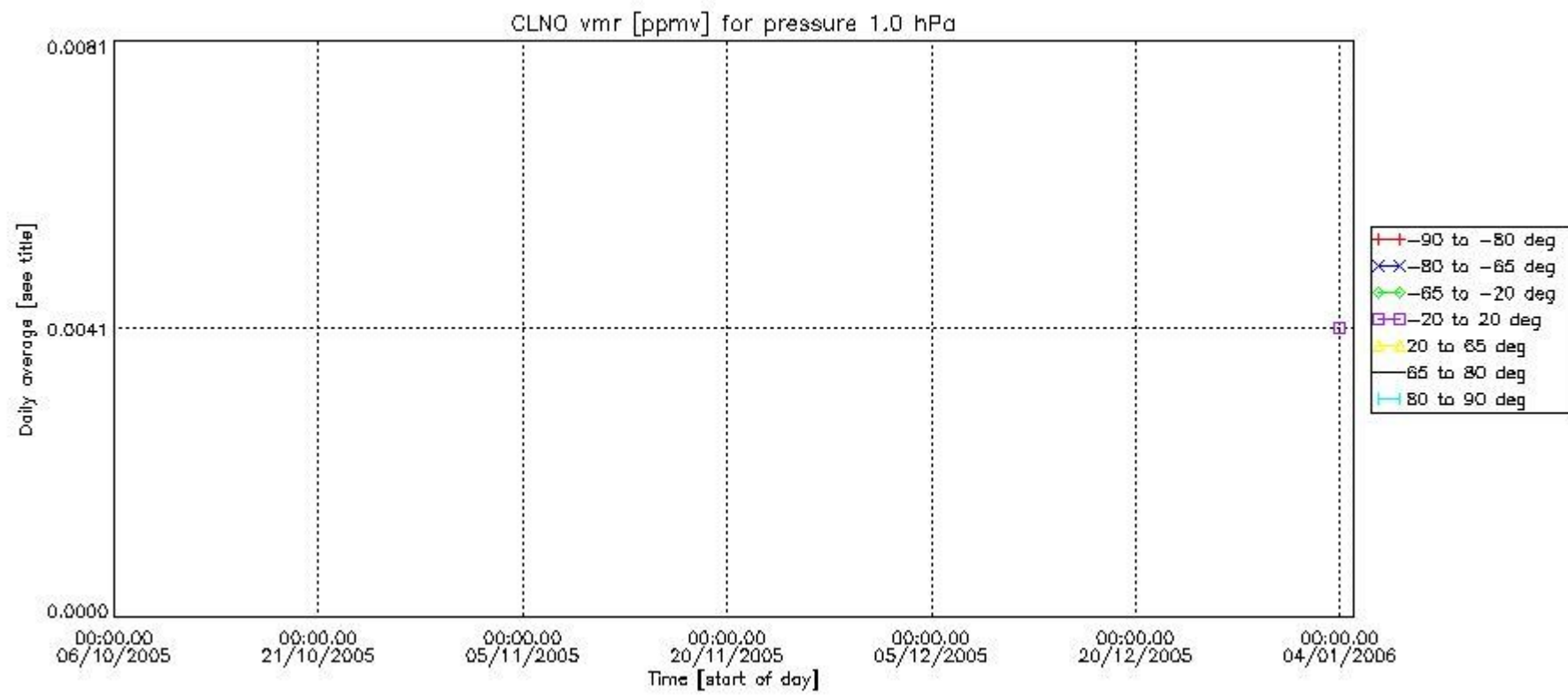
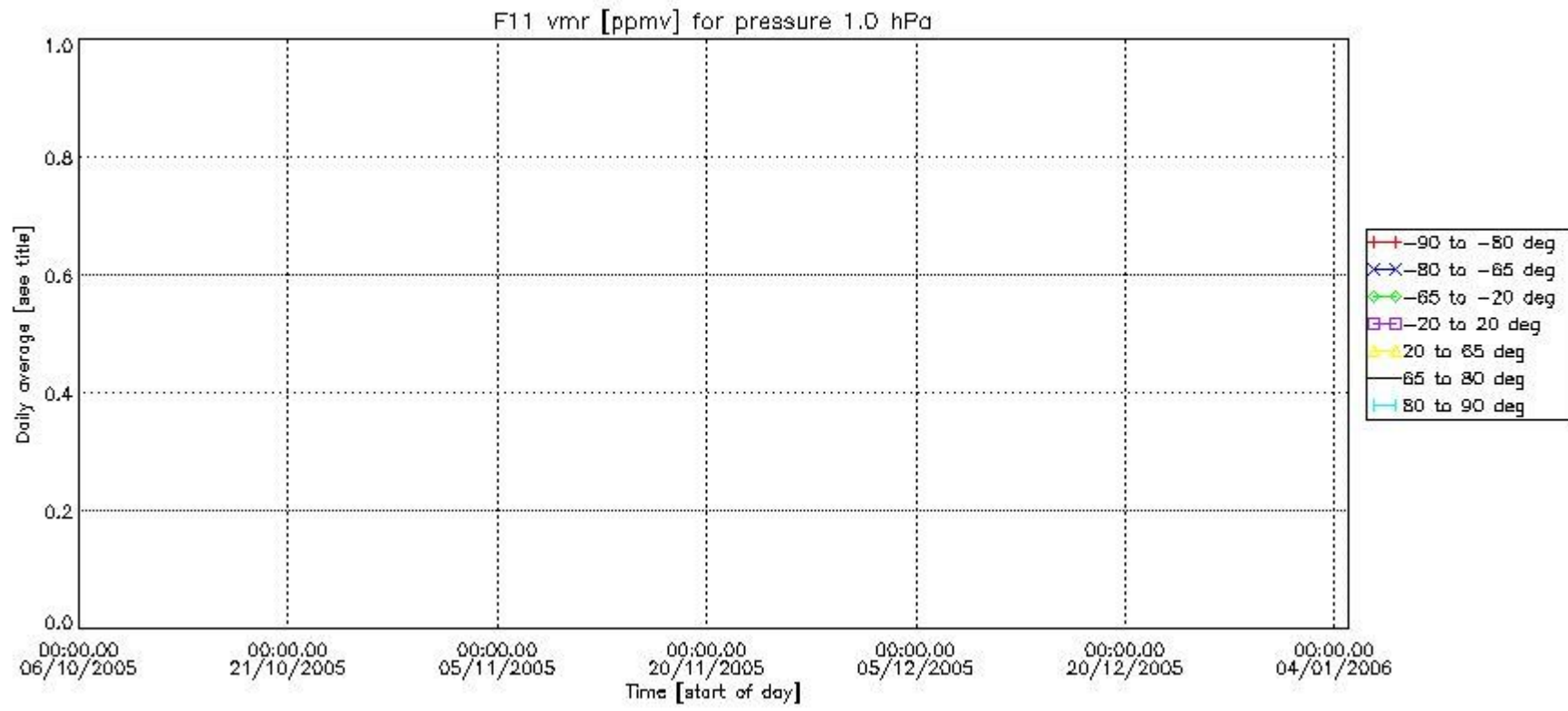


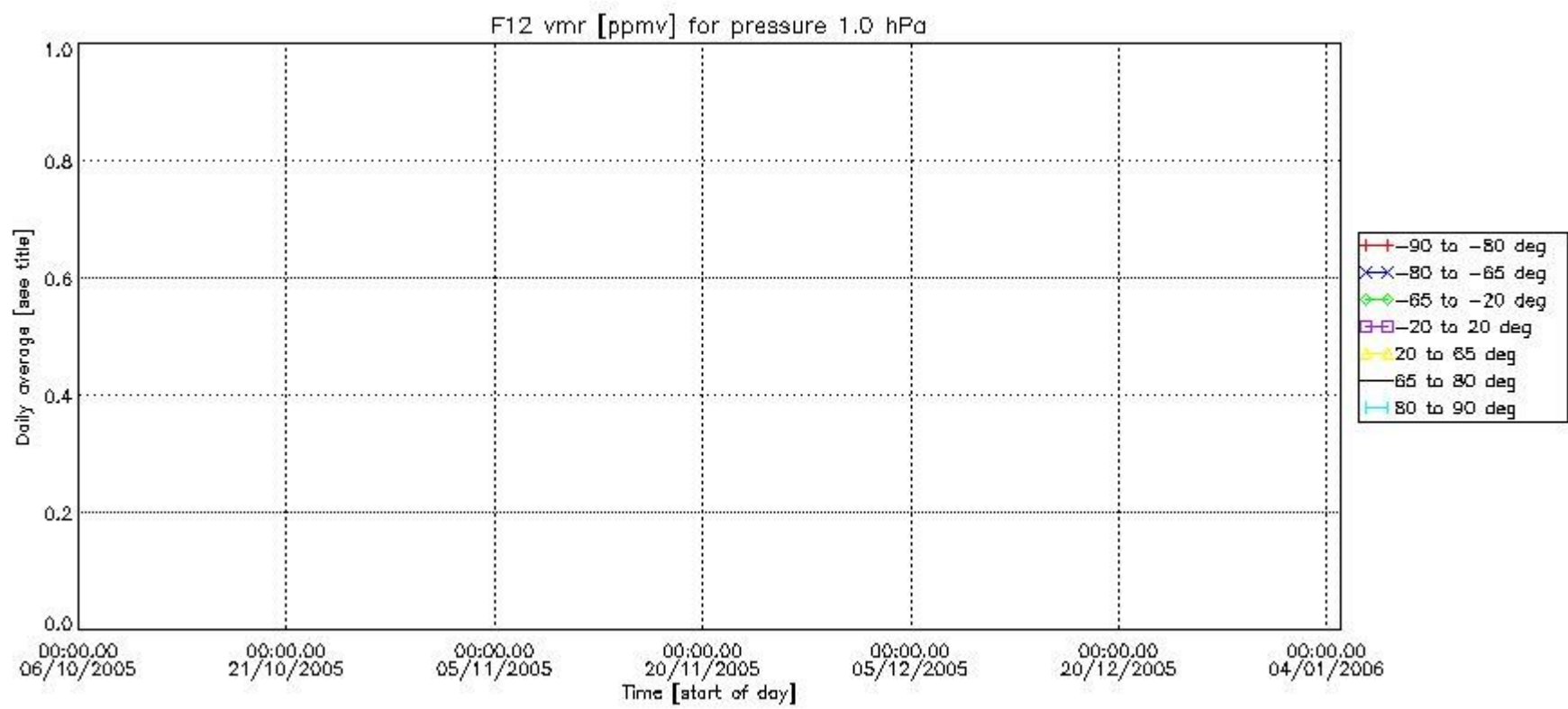
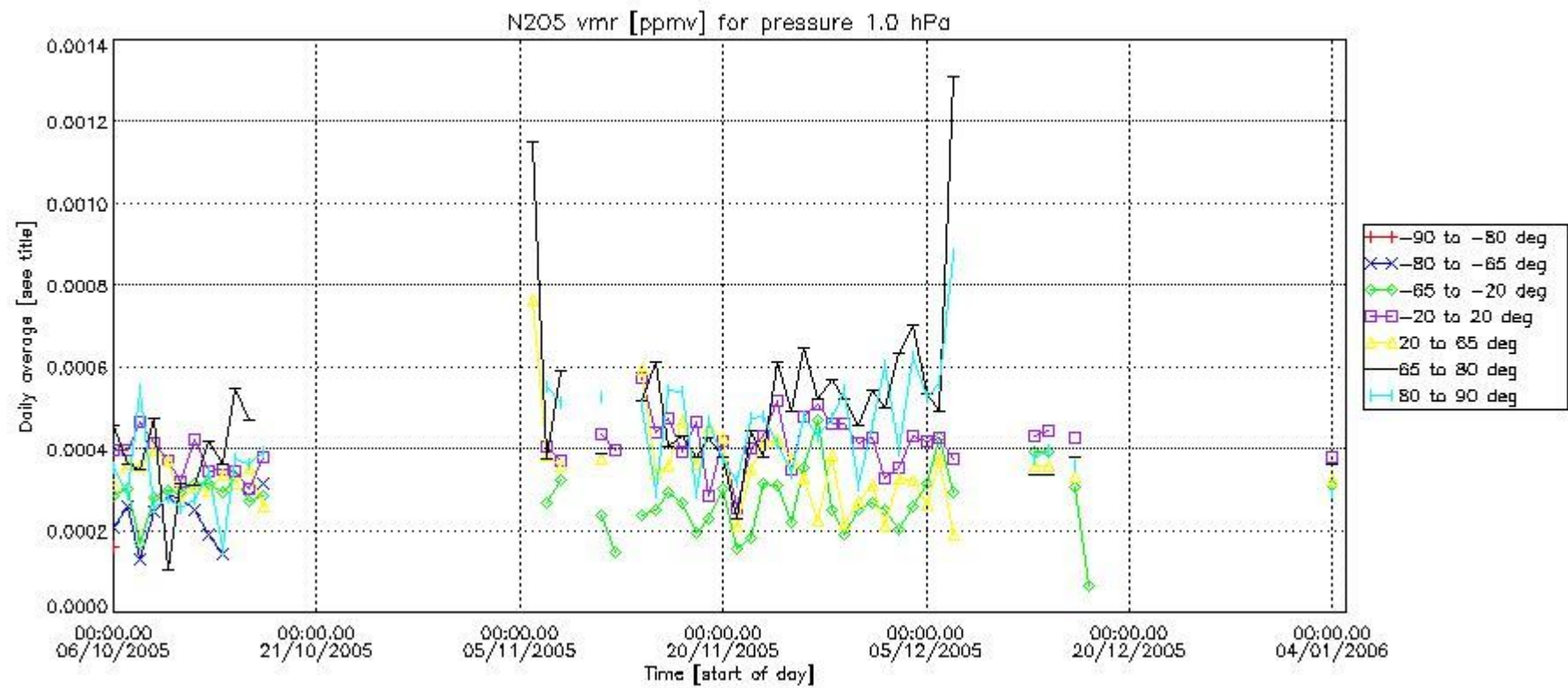


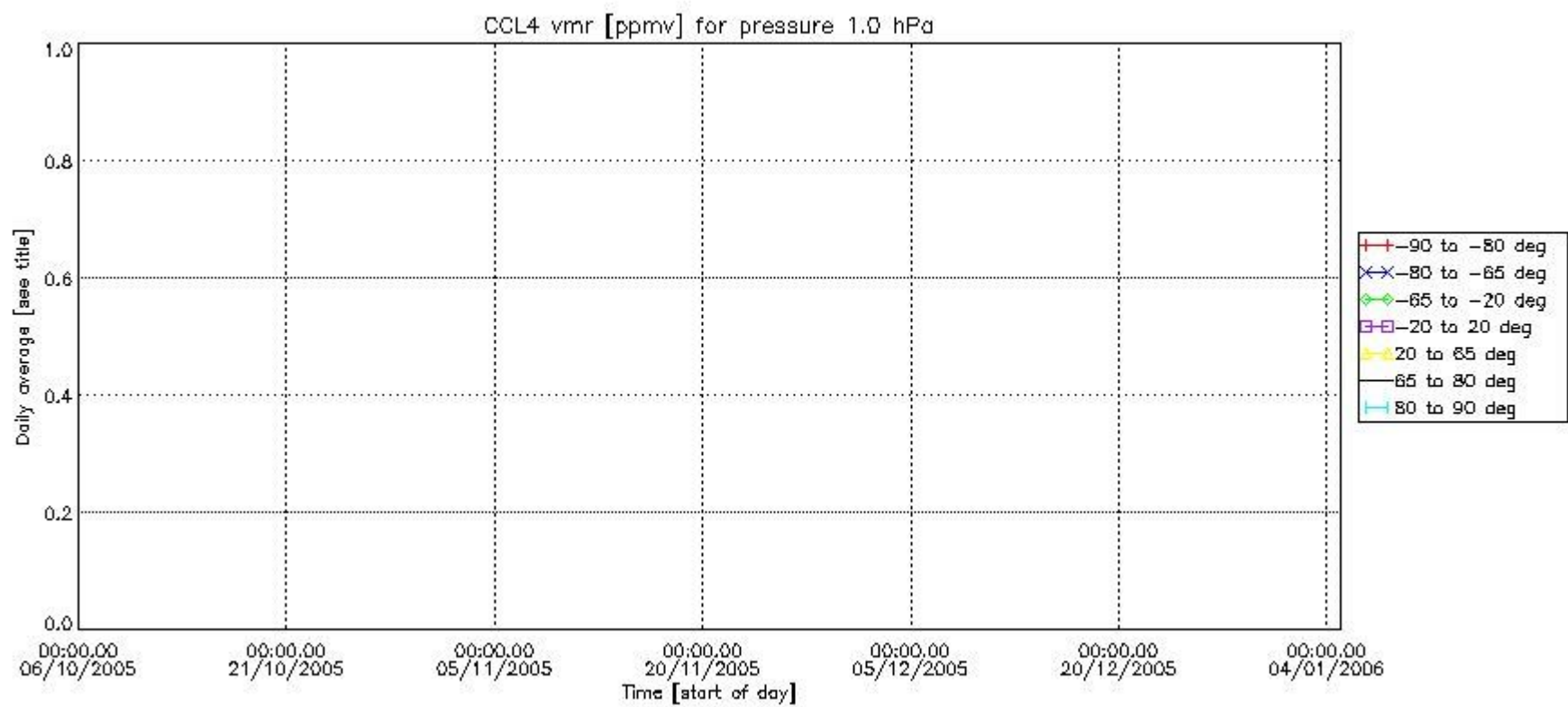
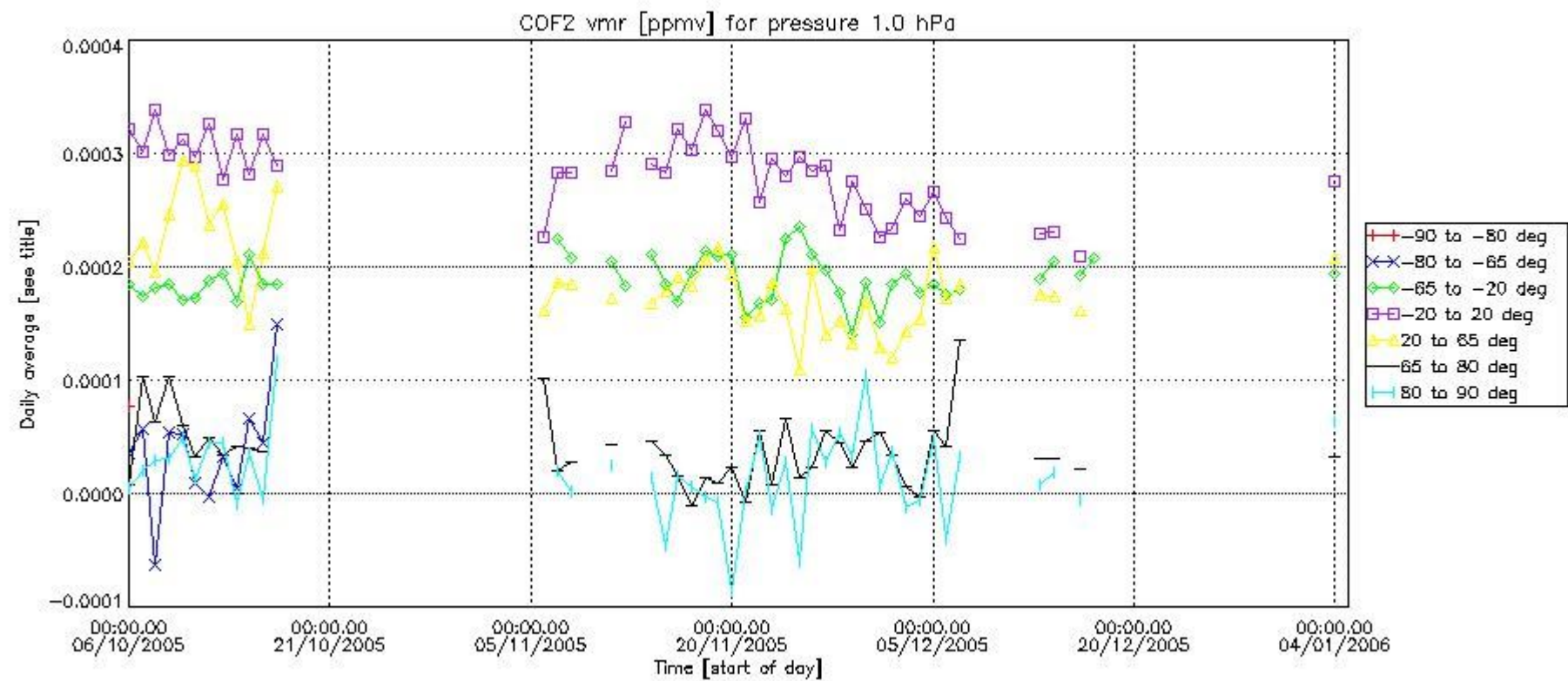


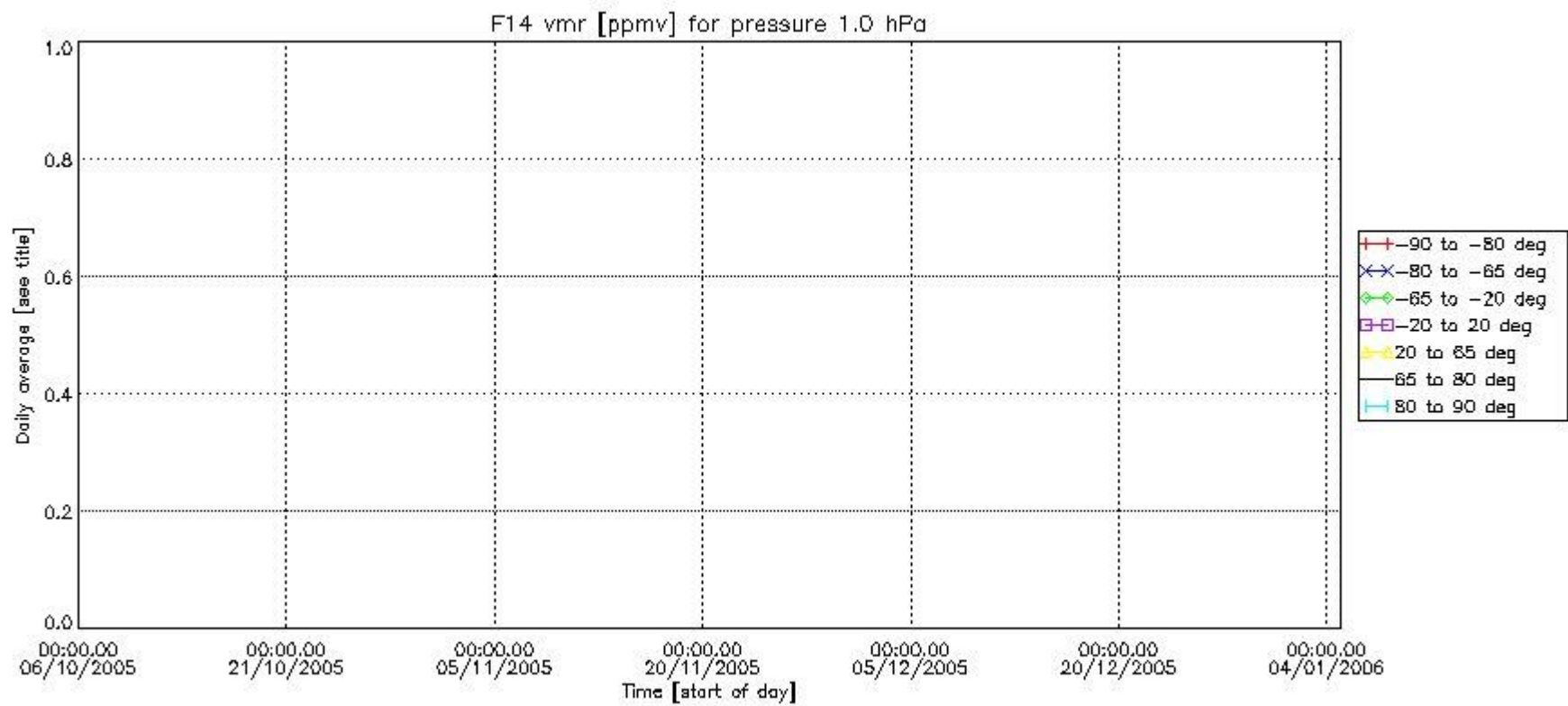
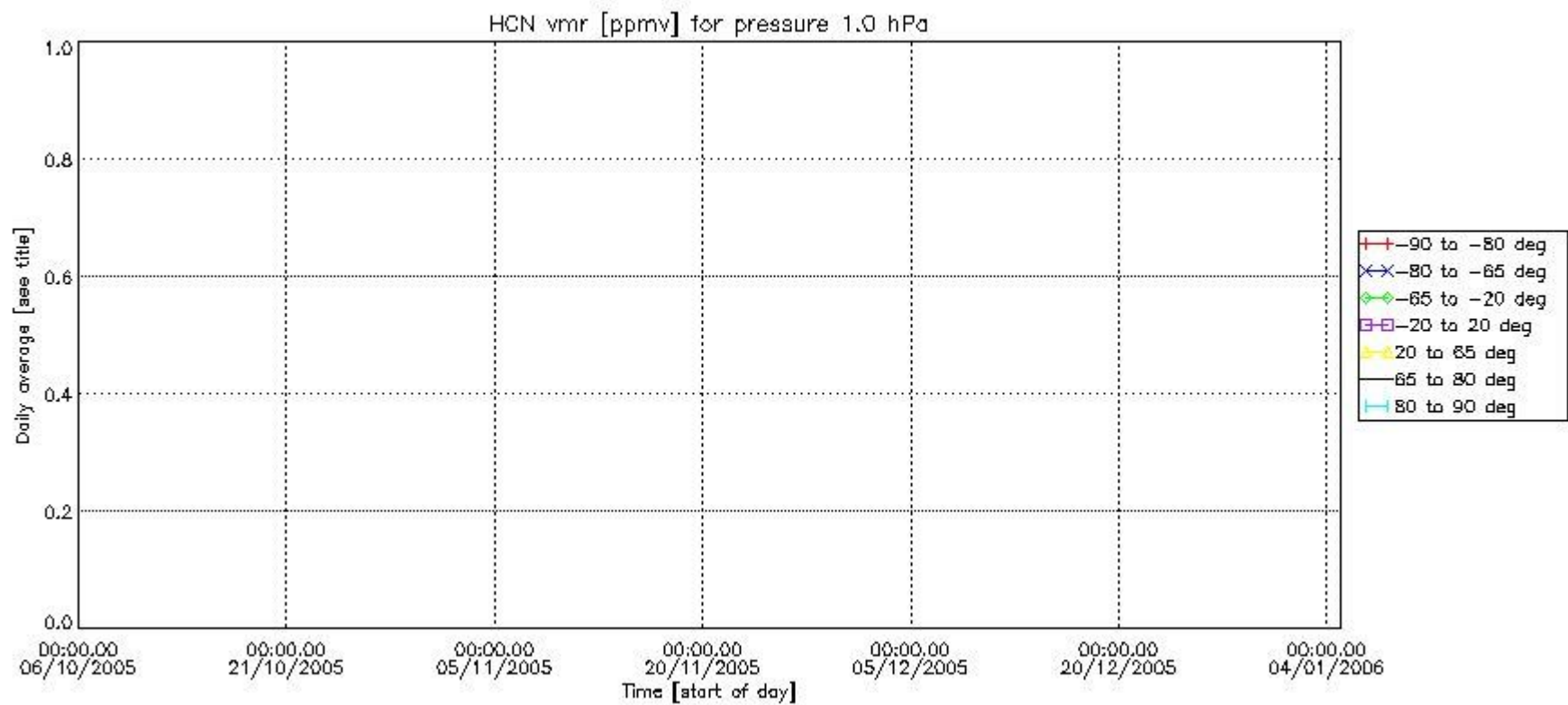


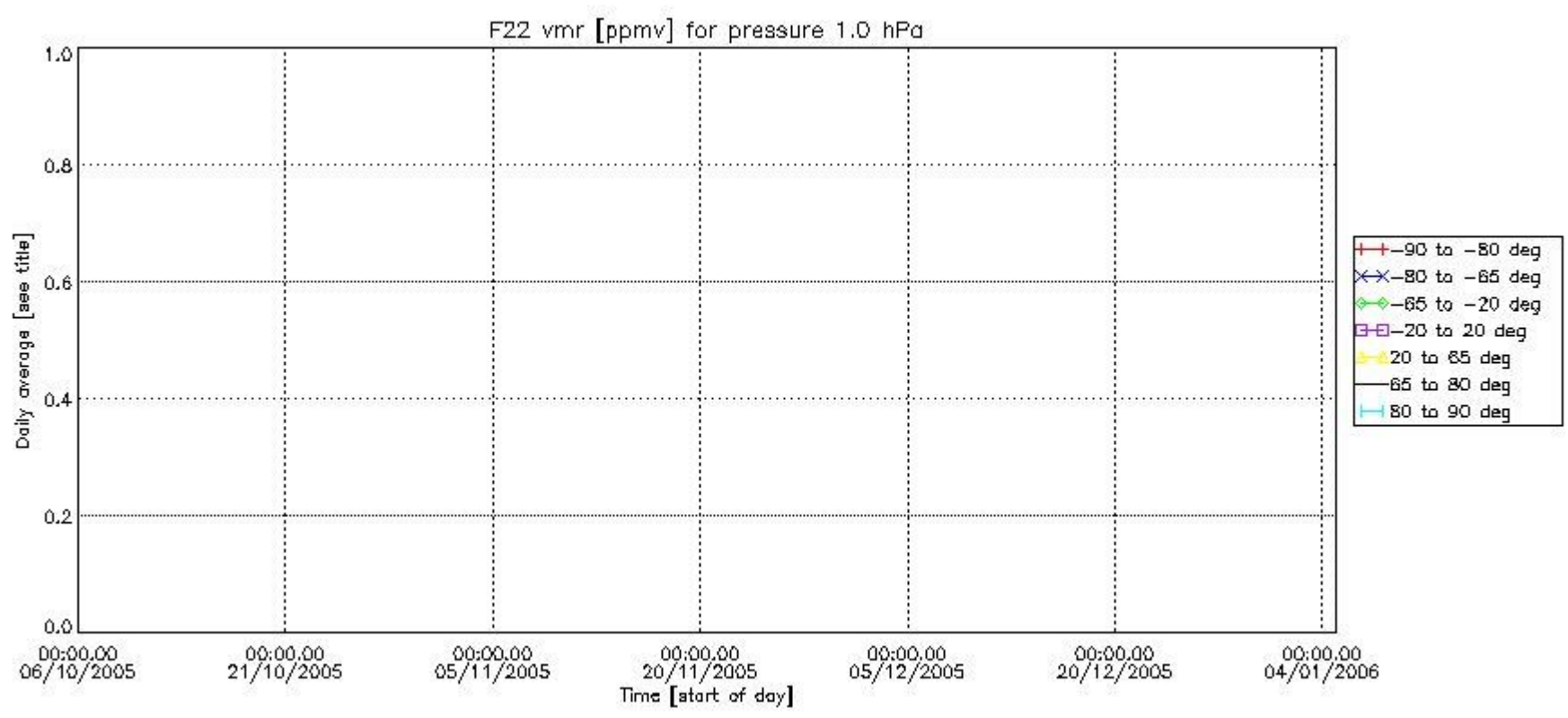












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

