

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051201.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	20APR2016 17:16:15
Data source version	ML2PP/7.03-W
Processing scope for products	01DEC2005 00:00:00 to 02DEC2005 00:00:00
Start time of first product within scope	01DEC2005 00:21:46
Stop time of last product within scope	02DEC2005 01:26:21
Total number of level 2 products	5
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__2PWDSI20051201_002146_000057722043_00031_19624_1000.N1	01DEC2005 00:21:46	01DEC2005 01:57:58	0	127/127	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:5]
1	MIP_NL__2PWDSI20051201_015848_000005202043_00032_19625_1000.N1	01DEC2005 01:58:48	01DEC2005 02:07:29	0	12/12	
2	MIP_NL__2PWDSI20051201_120557_000057822043_00038_19631_1000.N1	01DEC2005 12:05:57	01DEC2005 13:42:18	0	109/109	VMR_TERM_MACRO_MICRO[HCN/macro:2; F14/macro:1]
3	MIP_NL__2PWDSI20051201_134309_000004762043_00039_19632_1000.N1	01DEC2005 13:43:09	01DEC2005 13:51:05	0	11/11	
4	MIP_NL__2PWDSI20051201_235009_000057722043_00045_19638_1000.N1	01DEC2005 23:50:09	02DEC2005 01:26:21	0	127/127	VMR_TERM_MACRO_MICRO[F11/macro:10; HCN/macro:2; F22/macro:2; F22/micro:1]

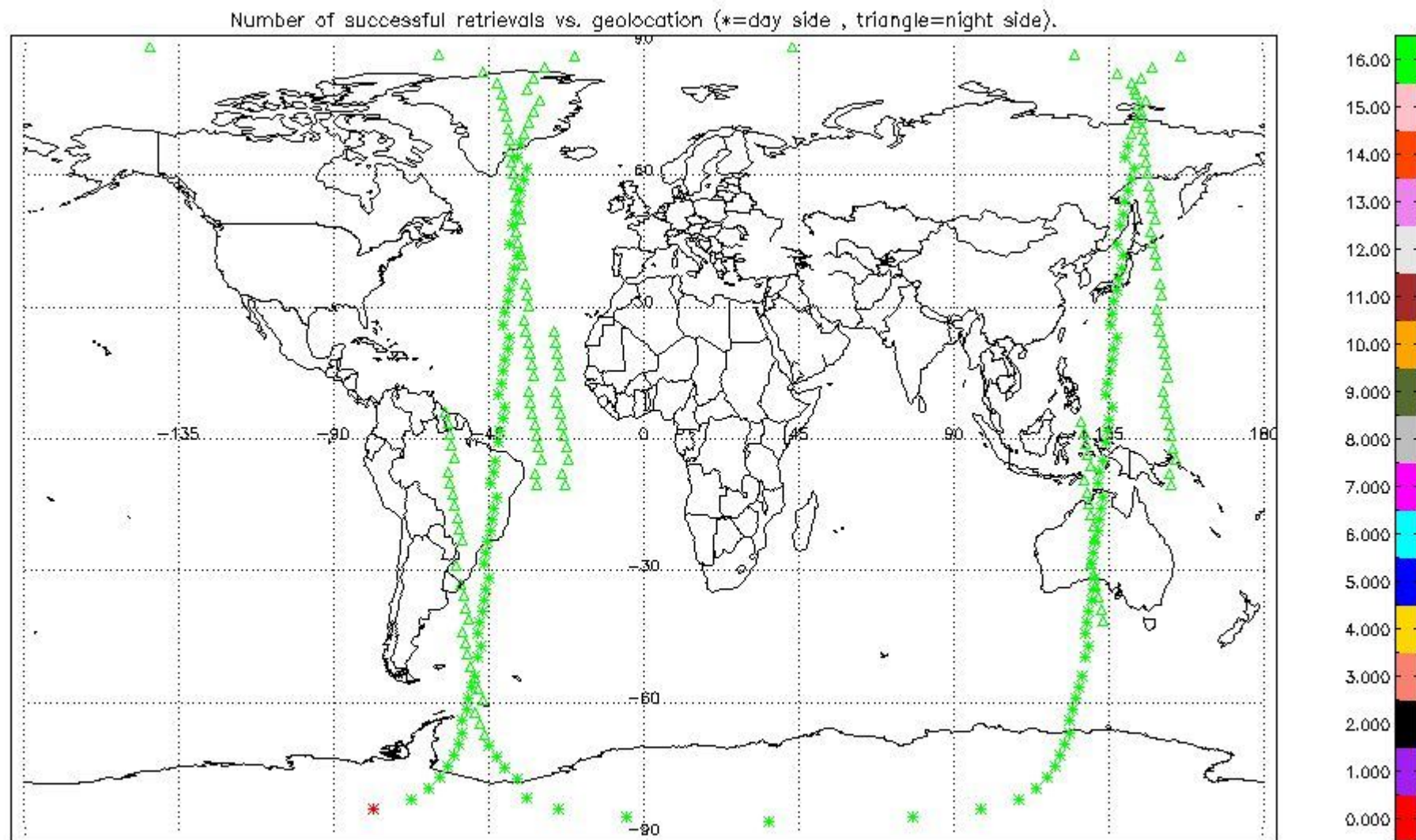
2.2 Processing performance indicators

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.

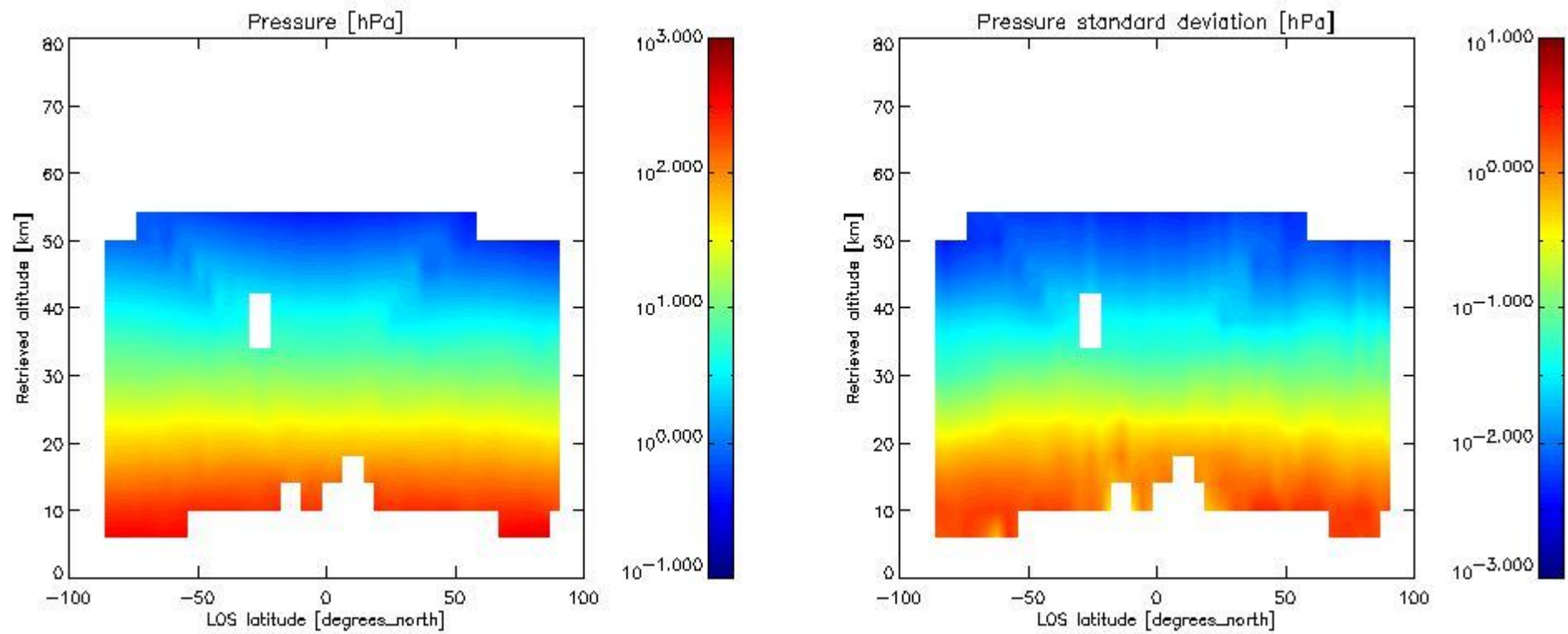
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	386	272	70.466
H2O	386	272	70.466
O3	386	272	70.466
HNO3	386	272	70.466
CH4	386	272	70.466

N2O	386	272	70.466
NO2	386	272	70.466
F11	386	272	70.466
CLNO	386	272	70.466
N2O5	386	272	70.466
F12	386	272	70.466
COF2	386	272	70.466
CCL4	386	272	70.466
HCN	386	272	70.466
F14	386	272	70.466
F22	386	272	70.466



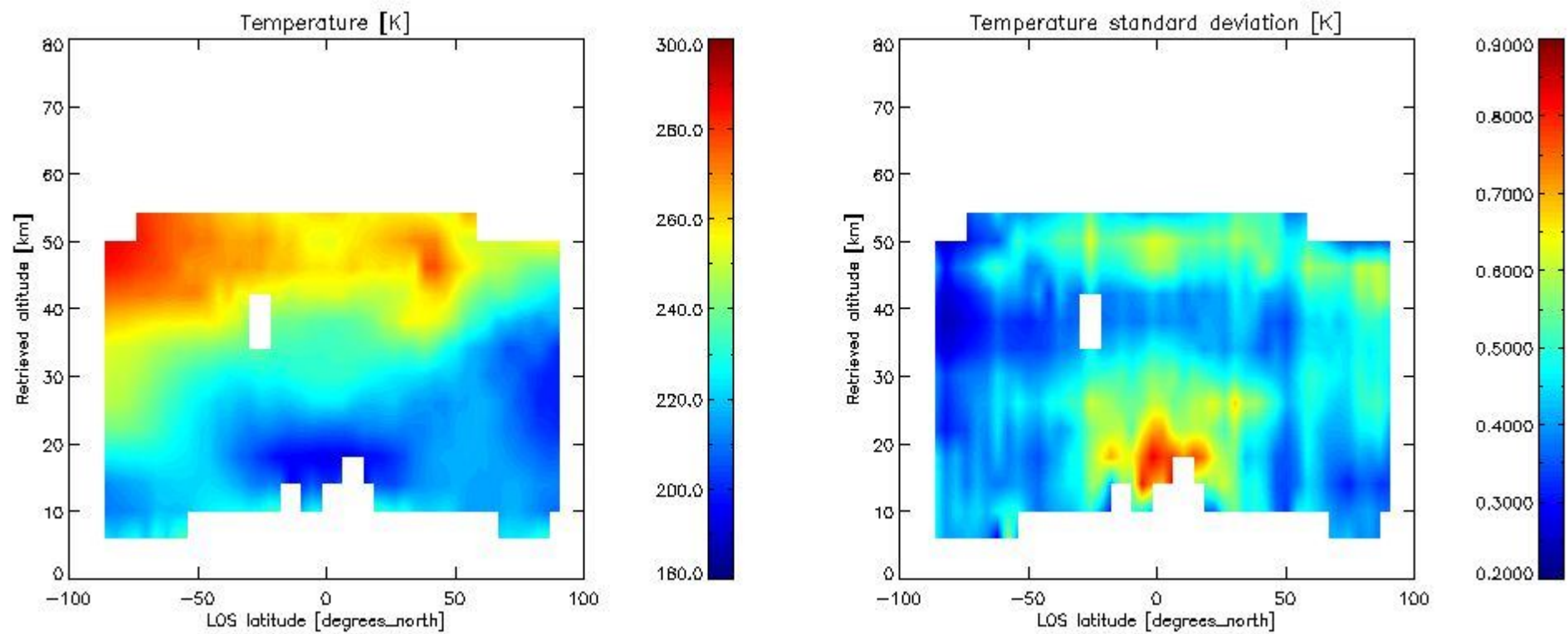
2.2.2 Pressure overview

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



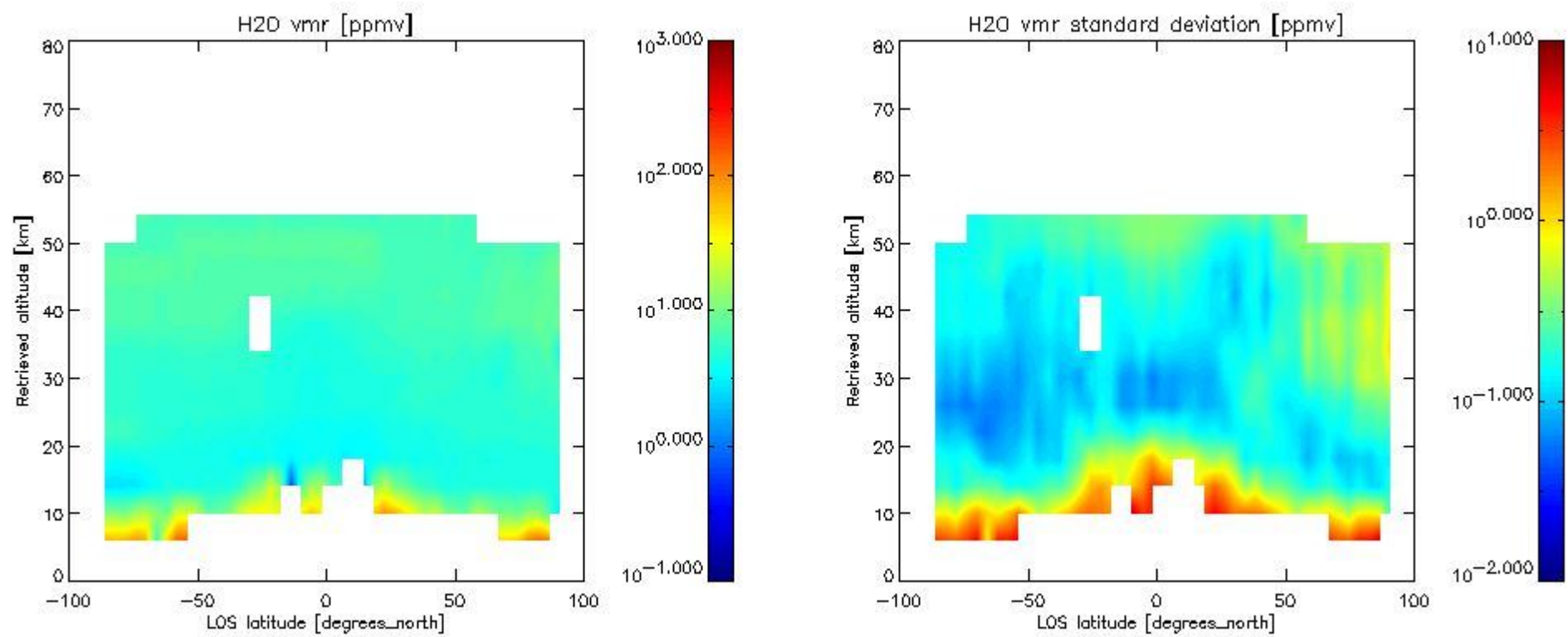
2.2.3 Temperature overview

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

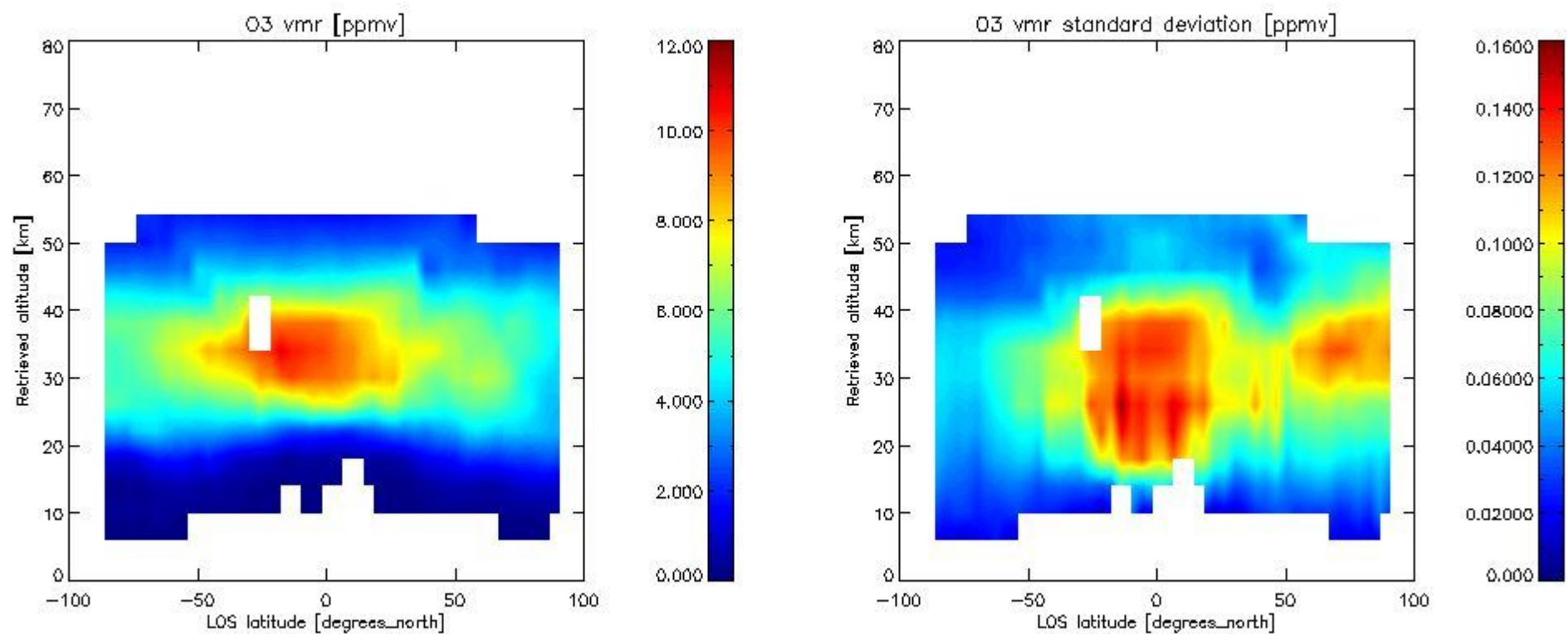


2.2.4 Species overview

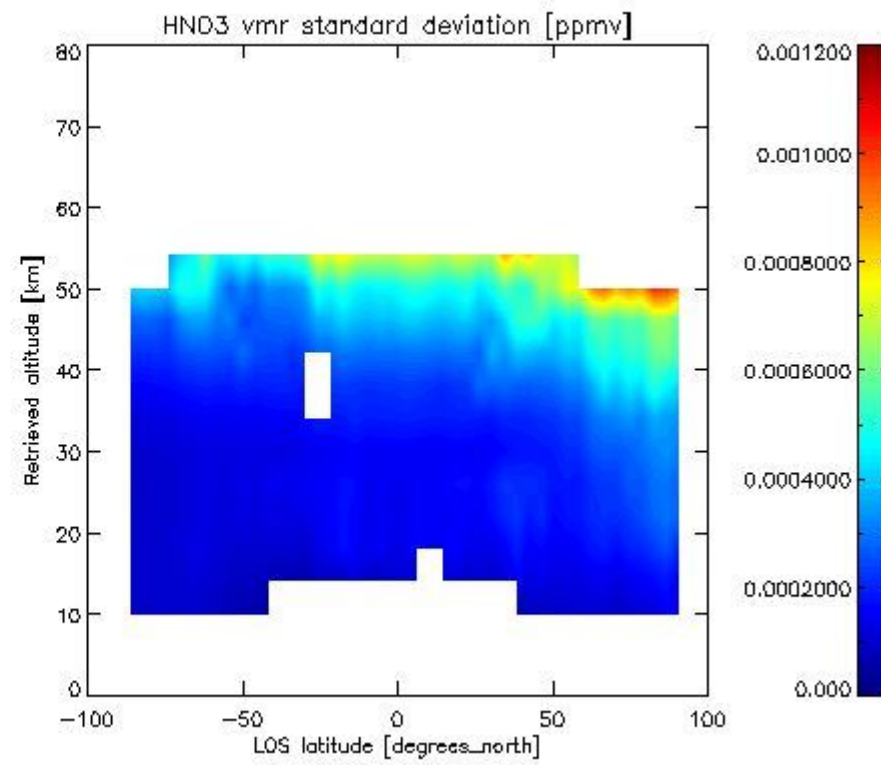
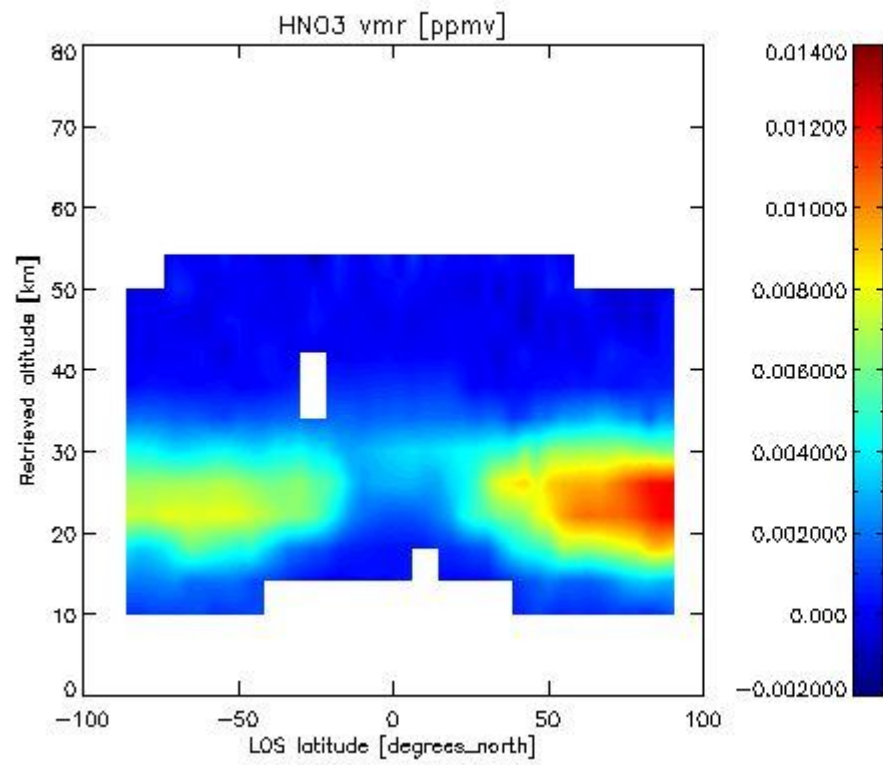
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



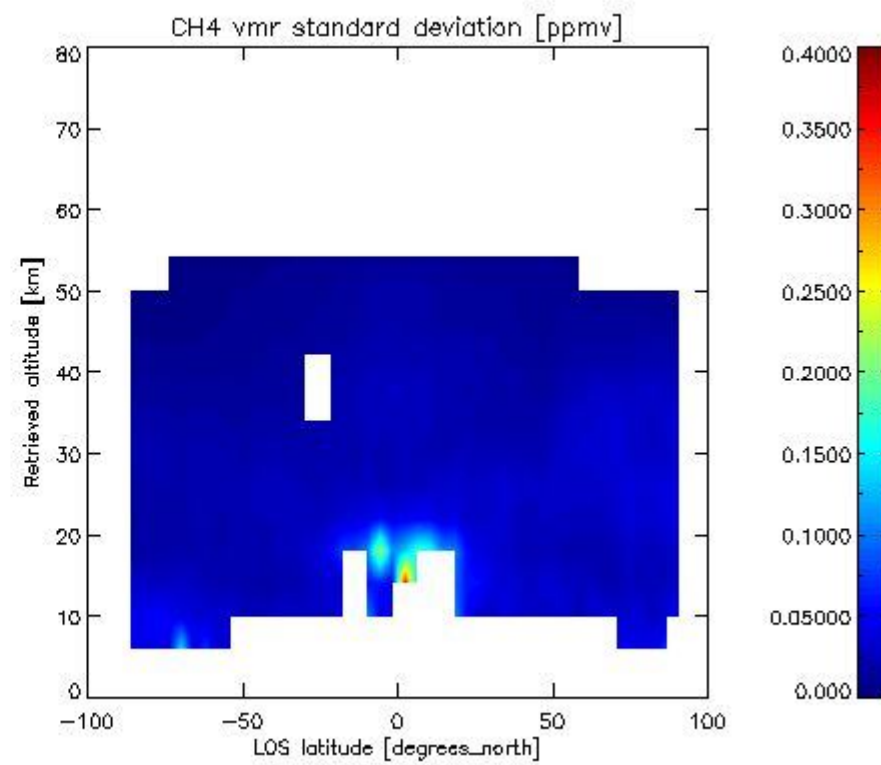
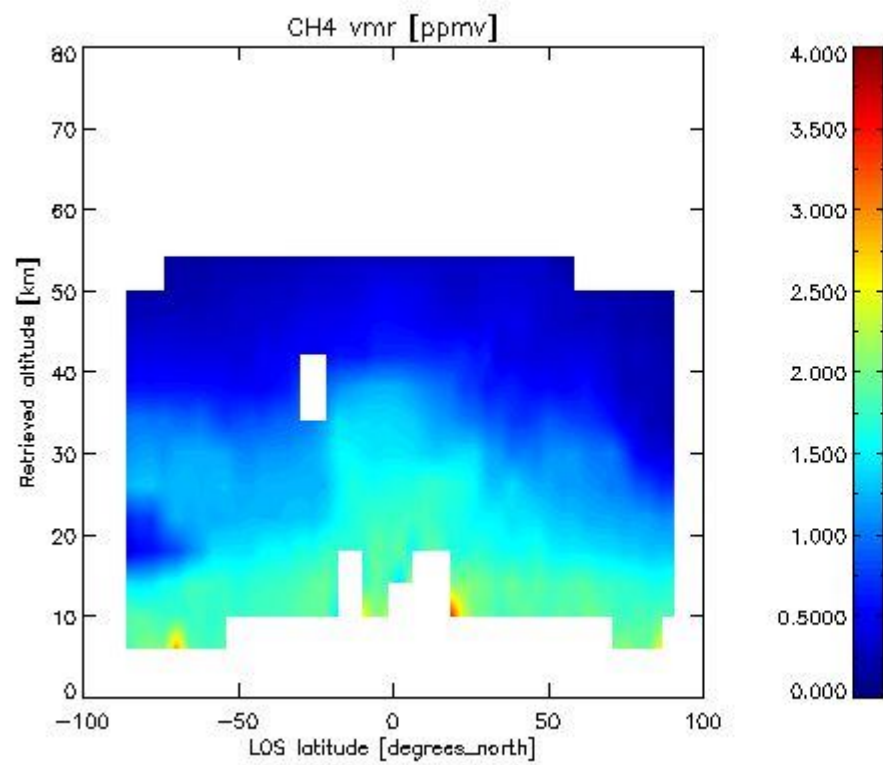
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



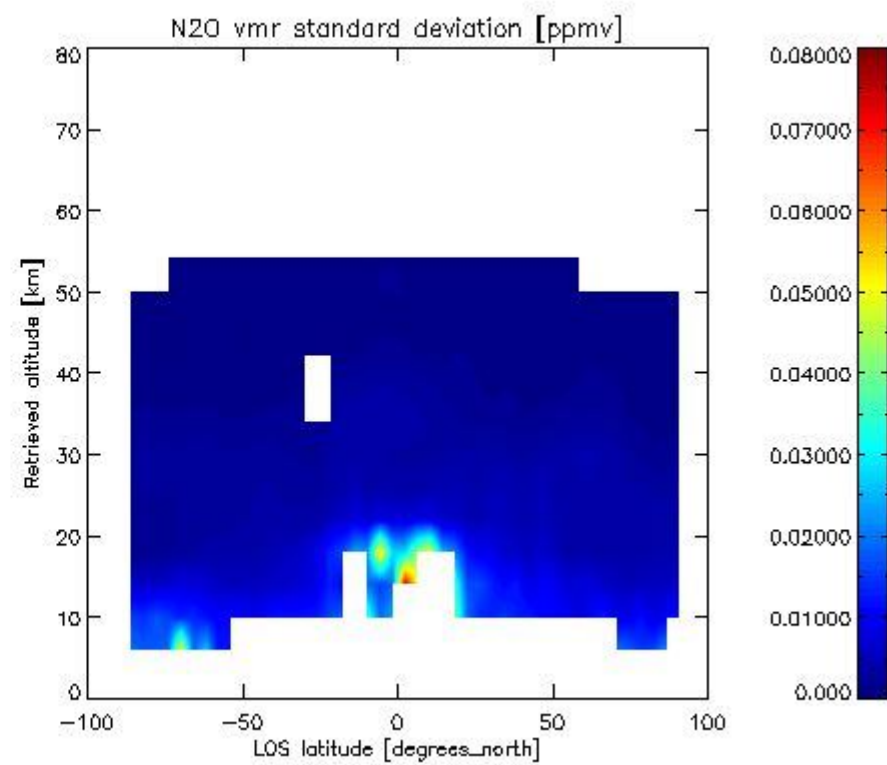
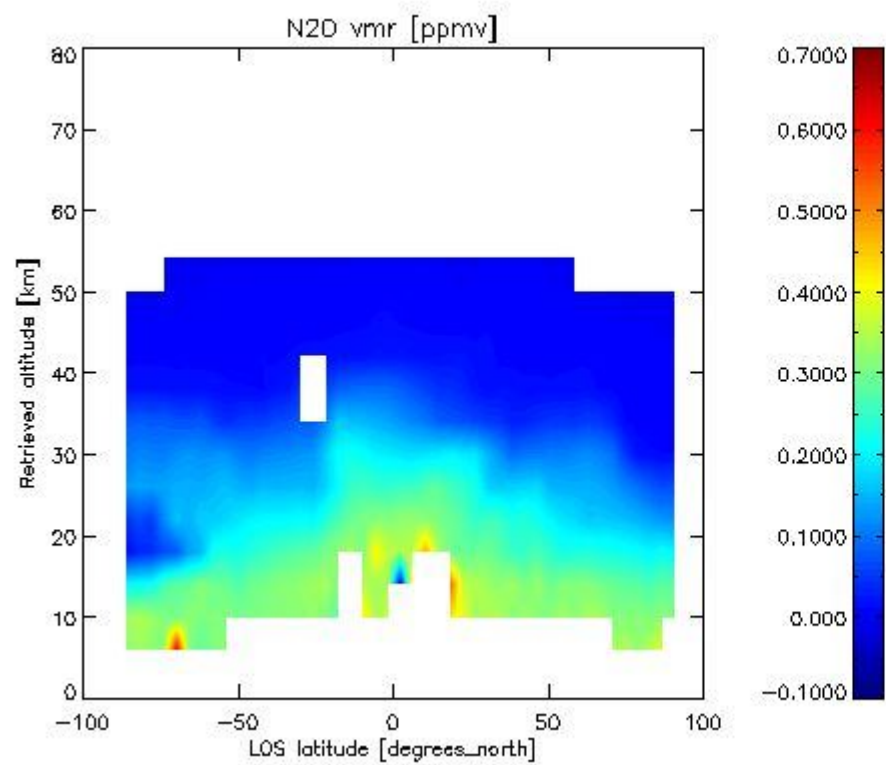
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



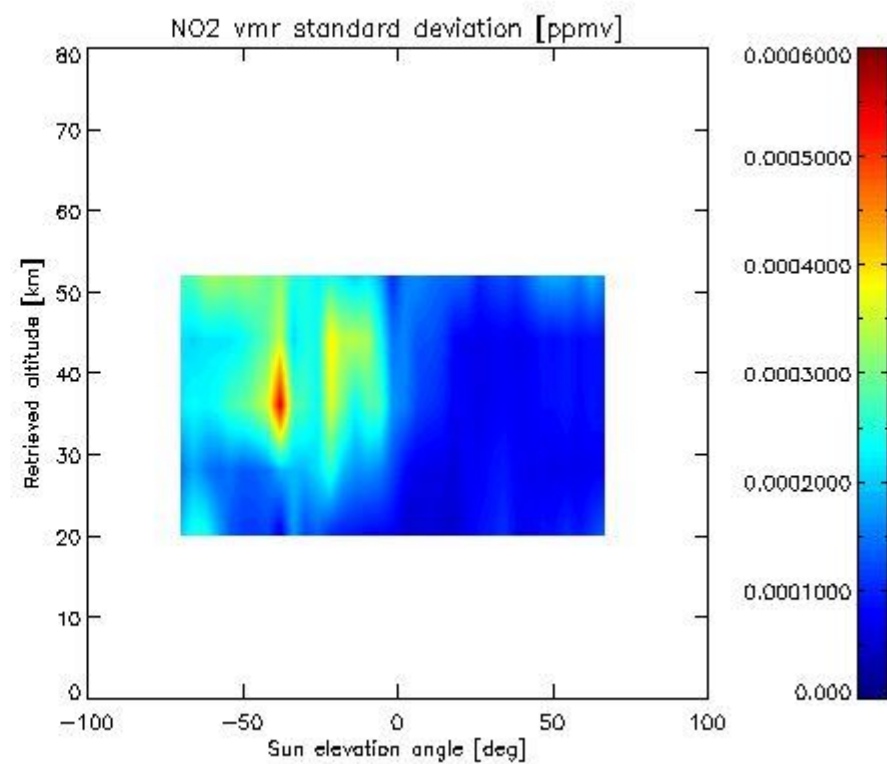
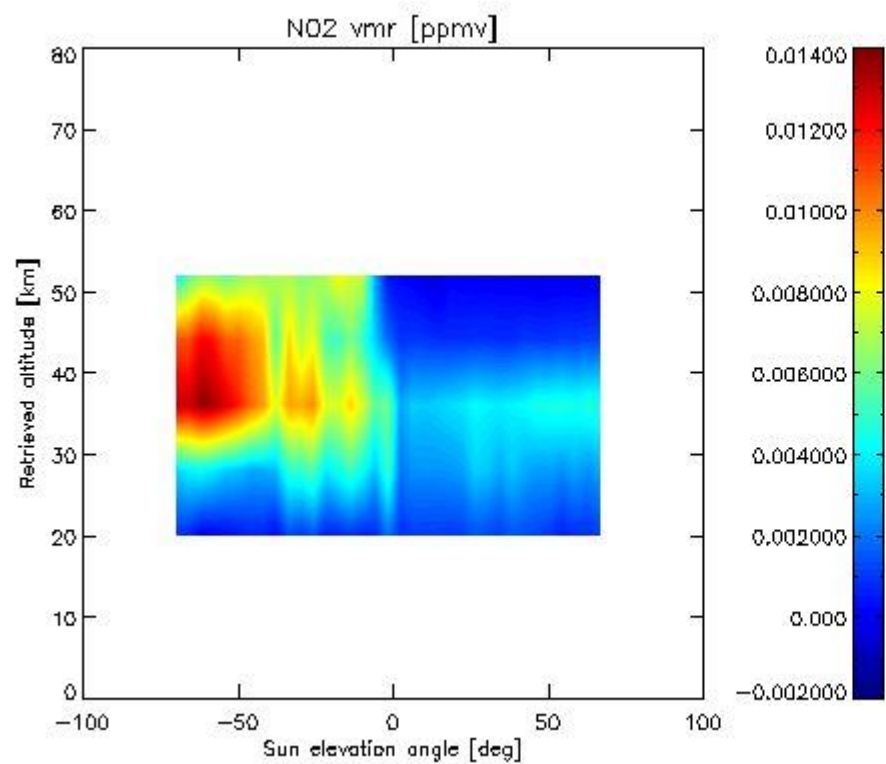
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



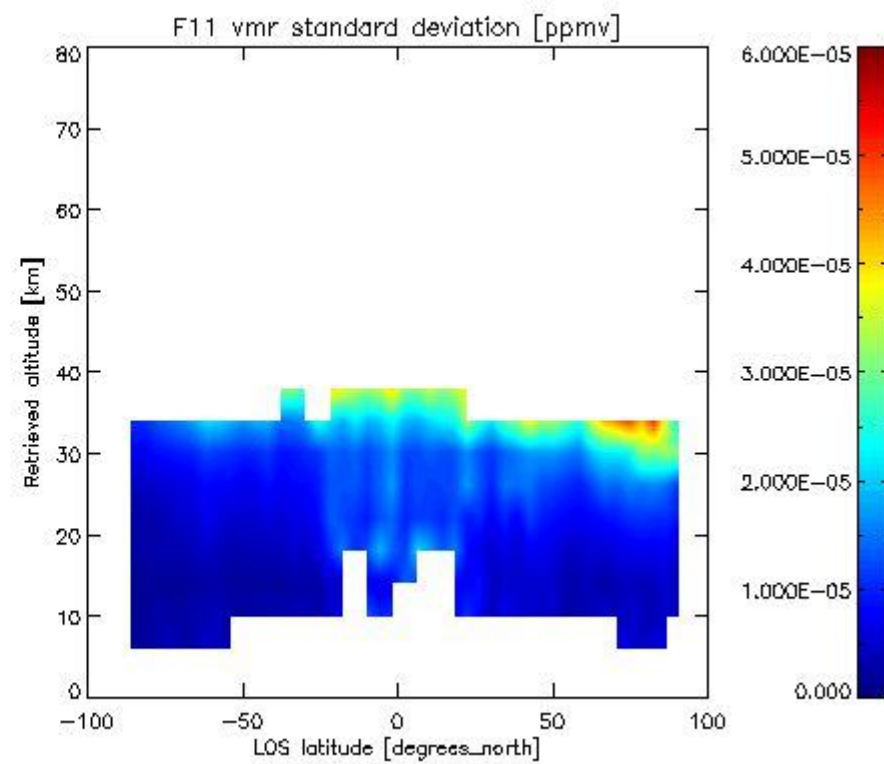
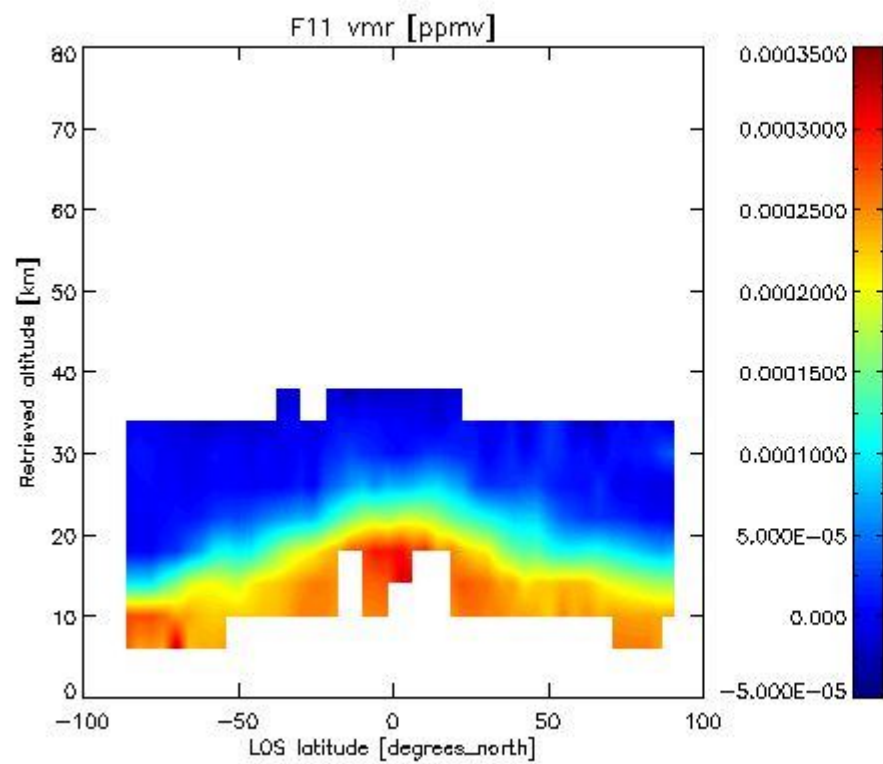
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



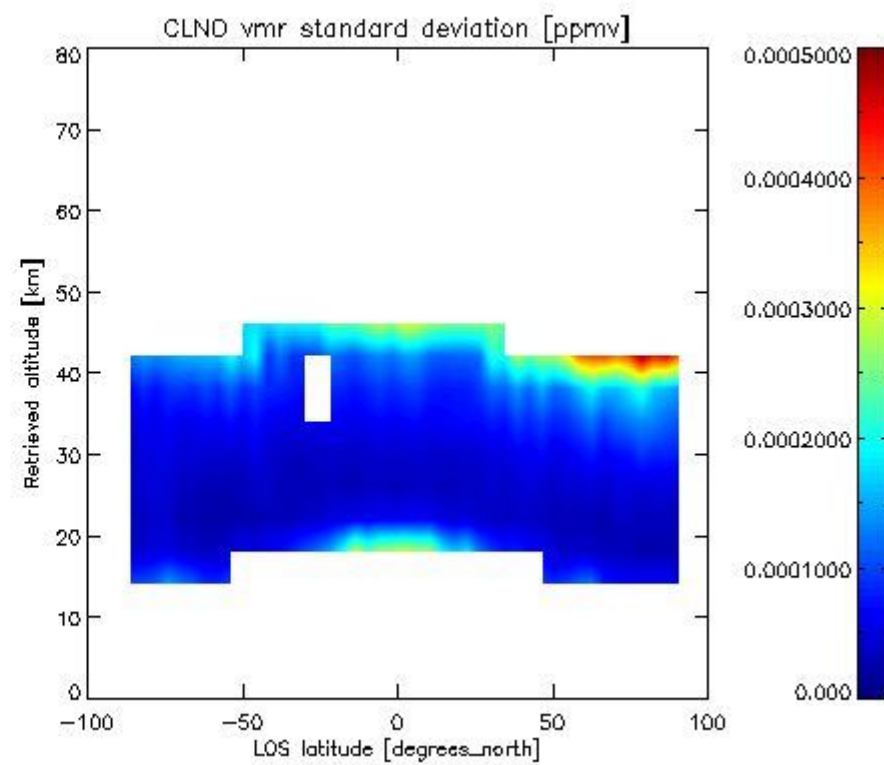
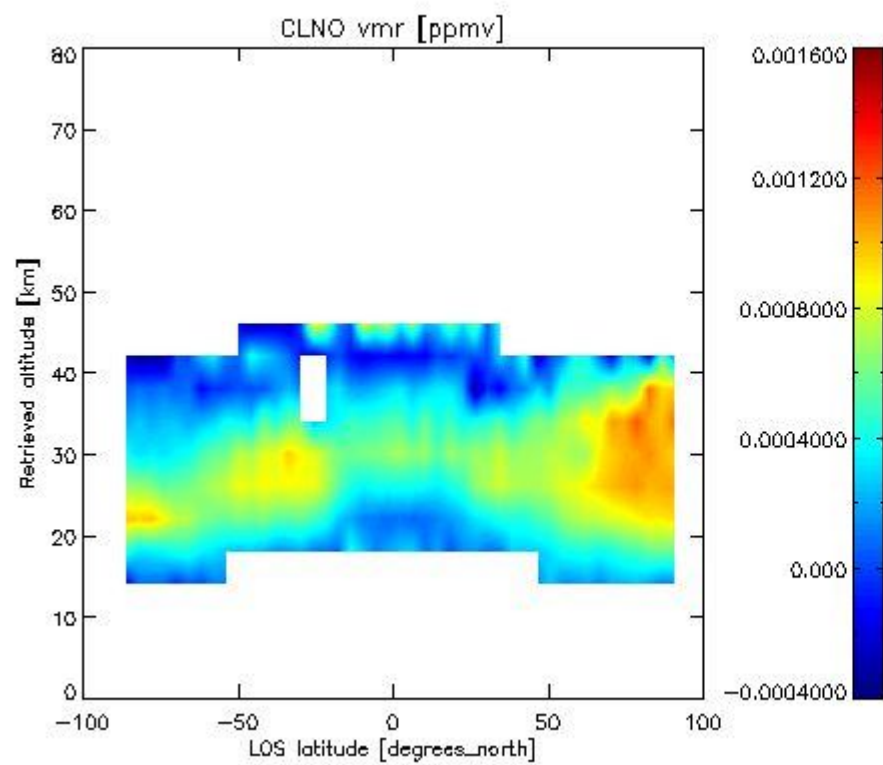
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

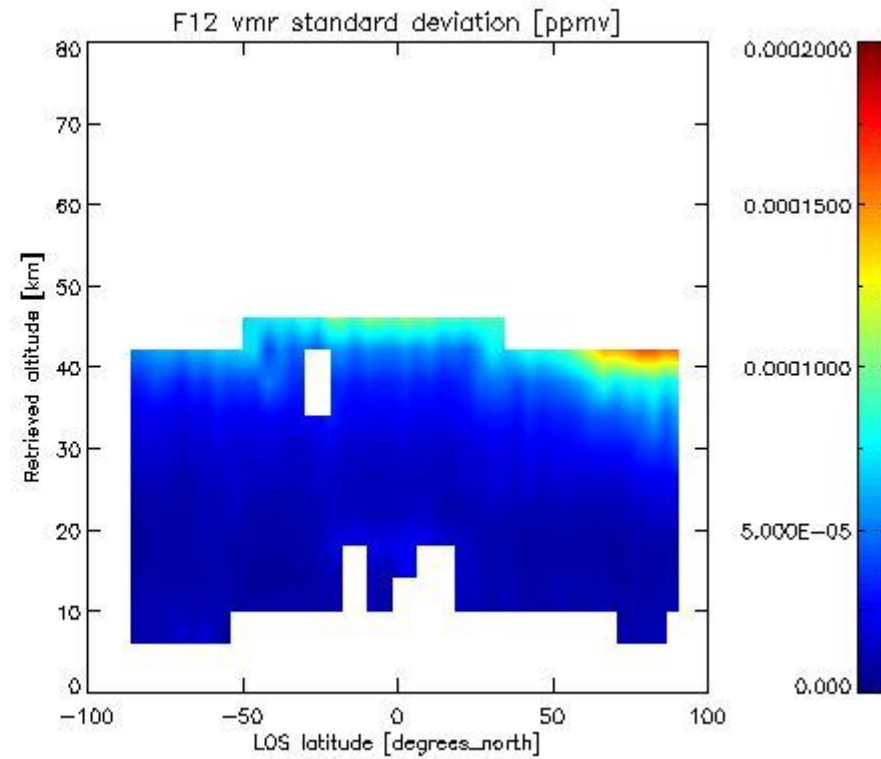
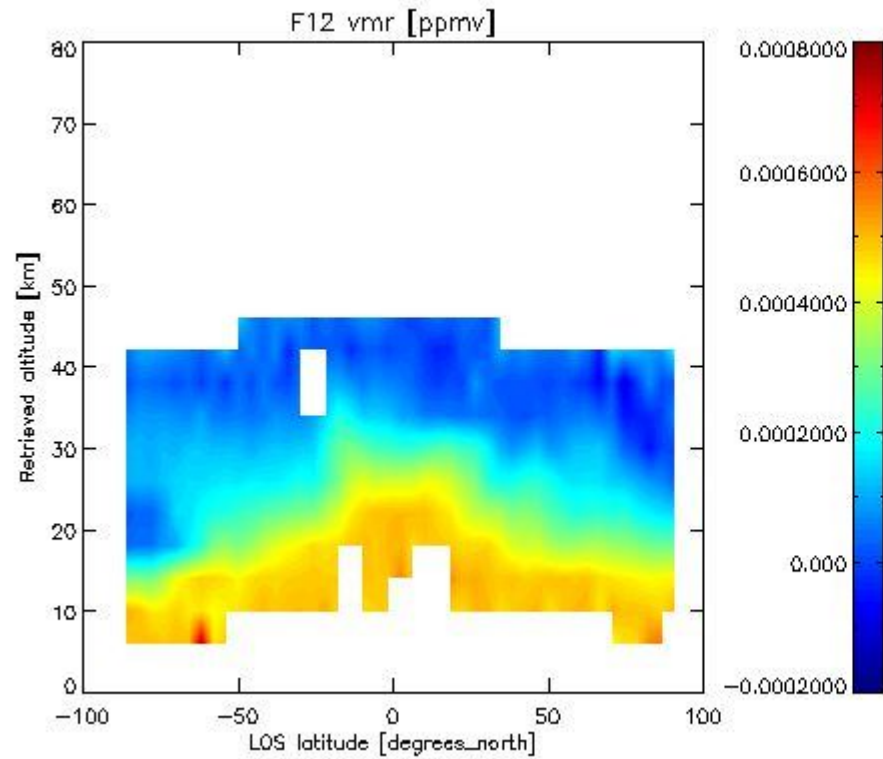
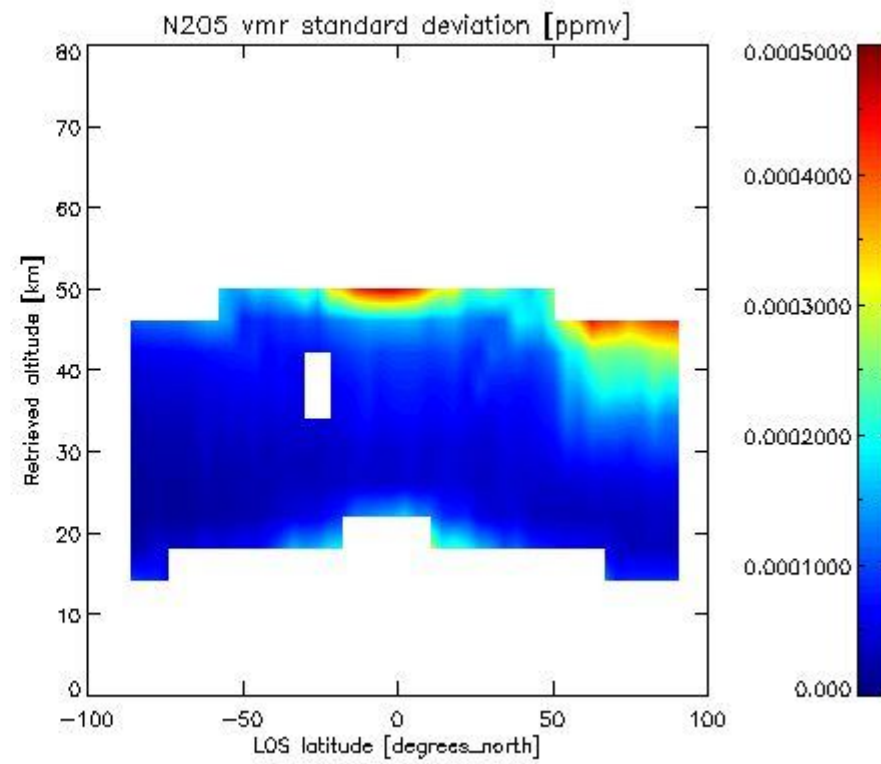
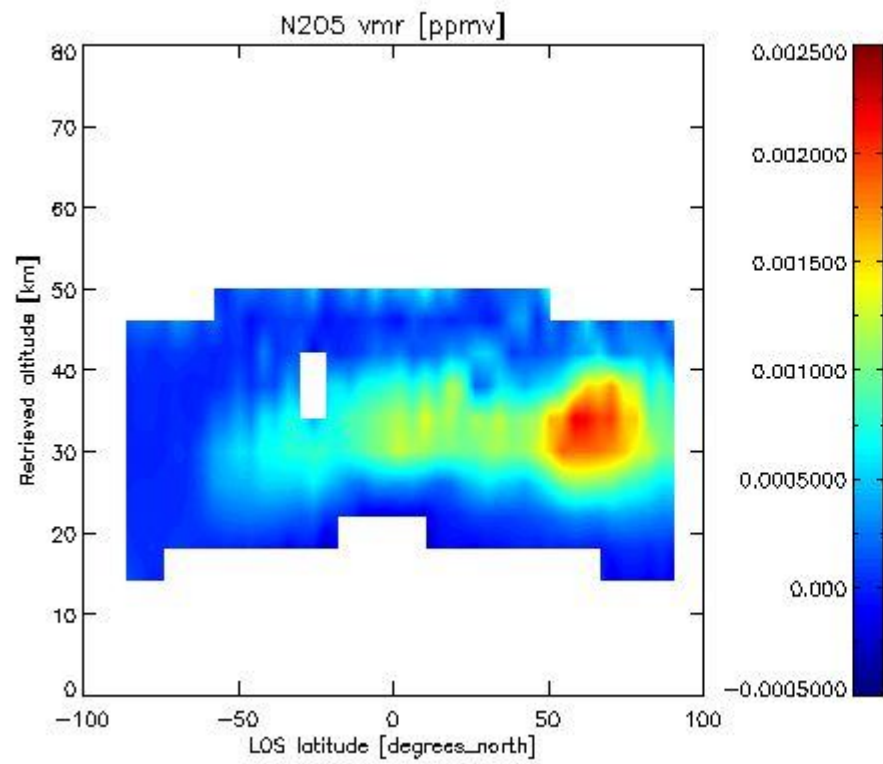


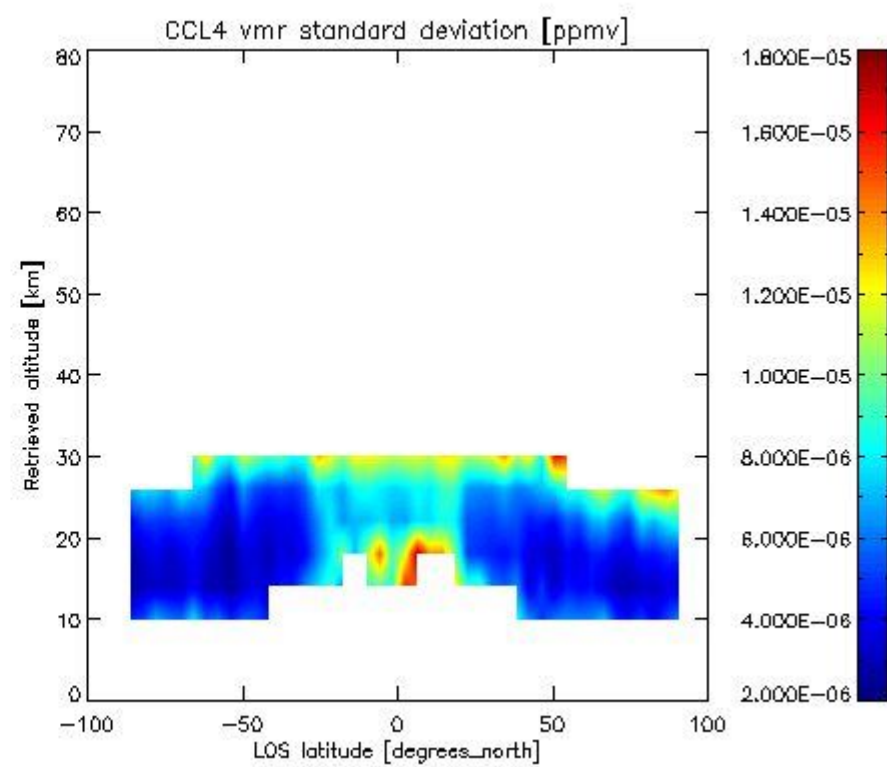
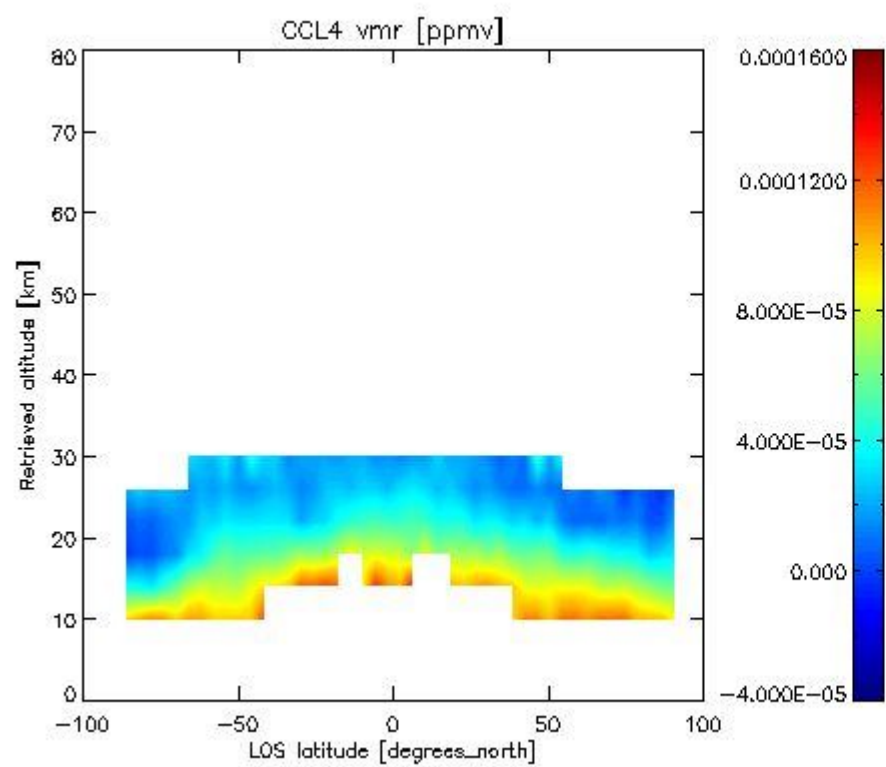
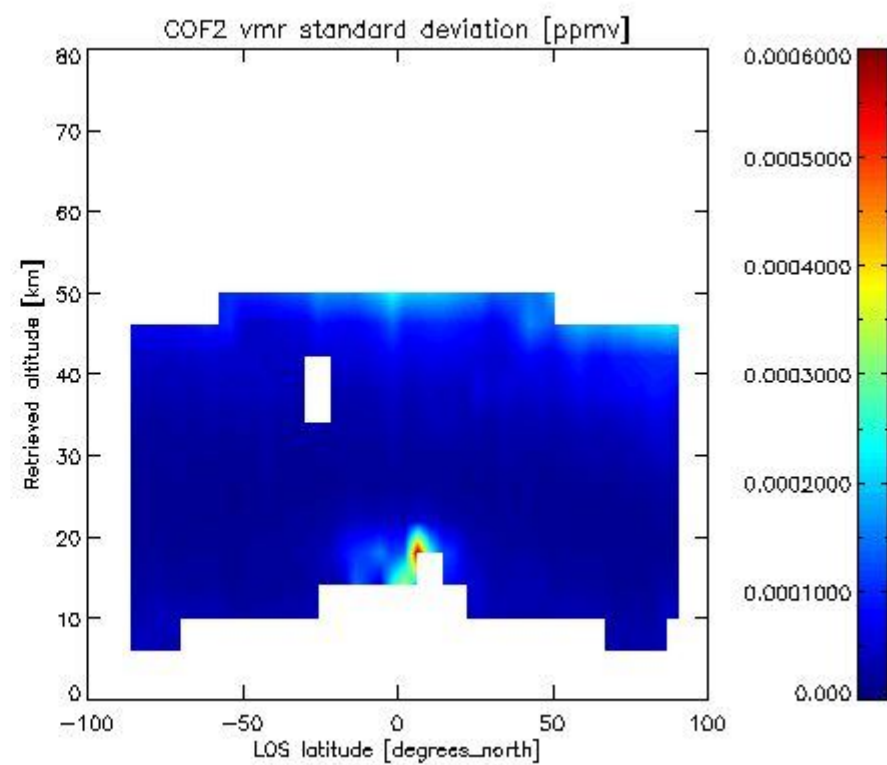
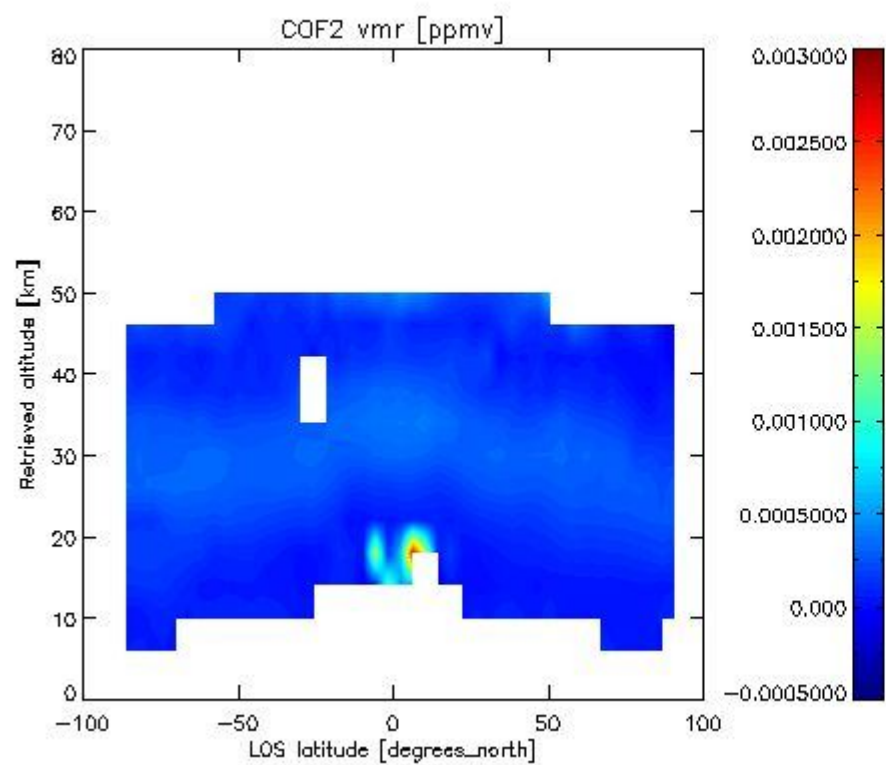
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

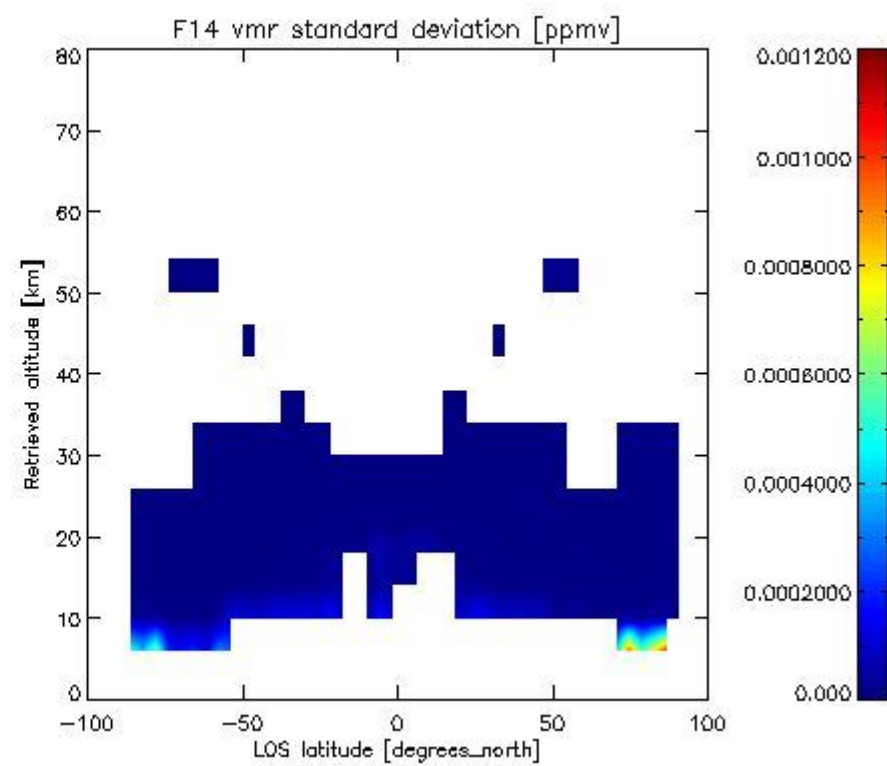
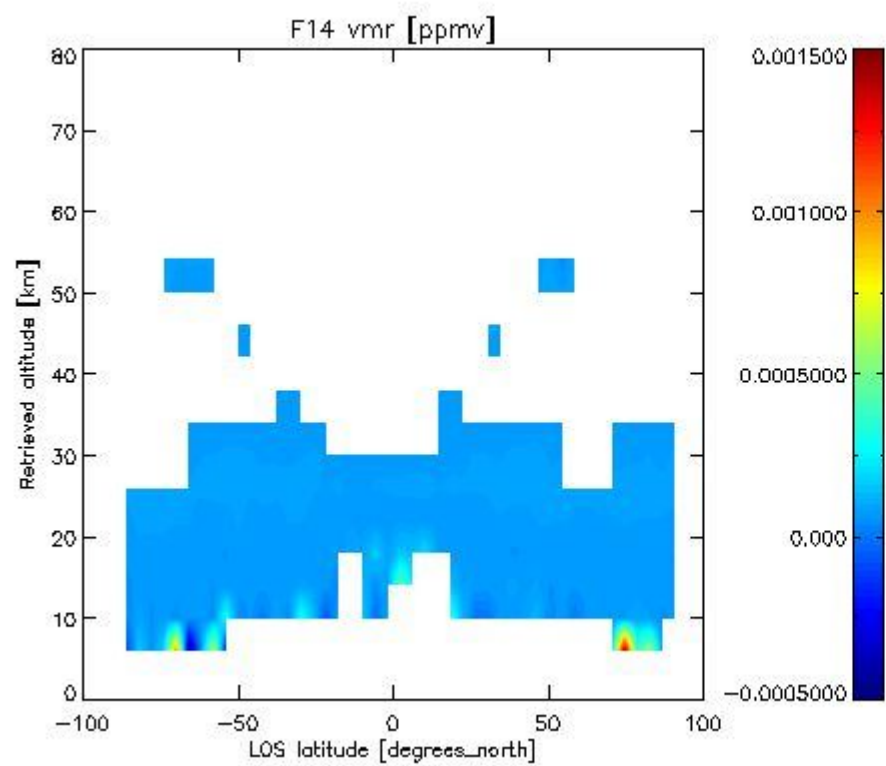
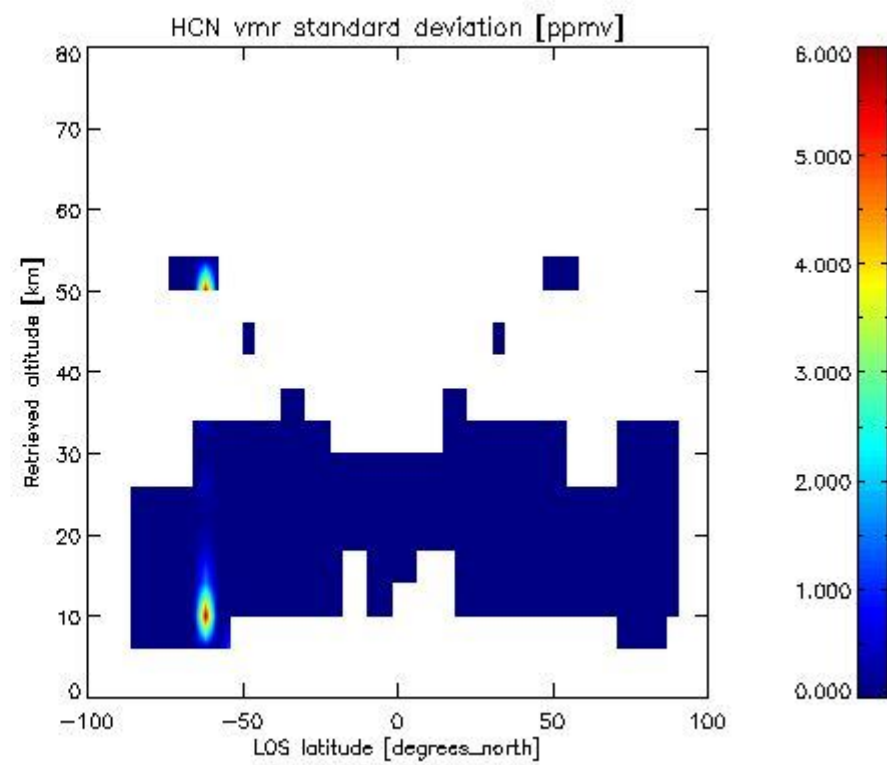
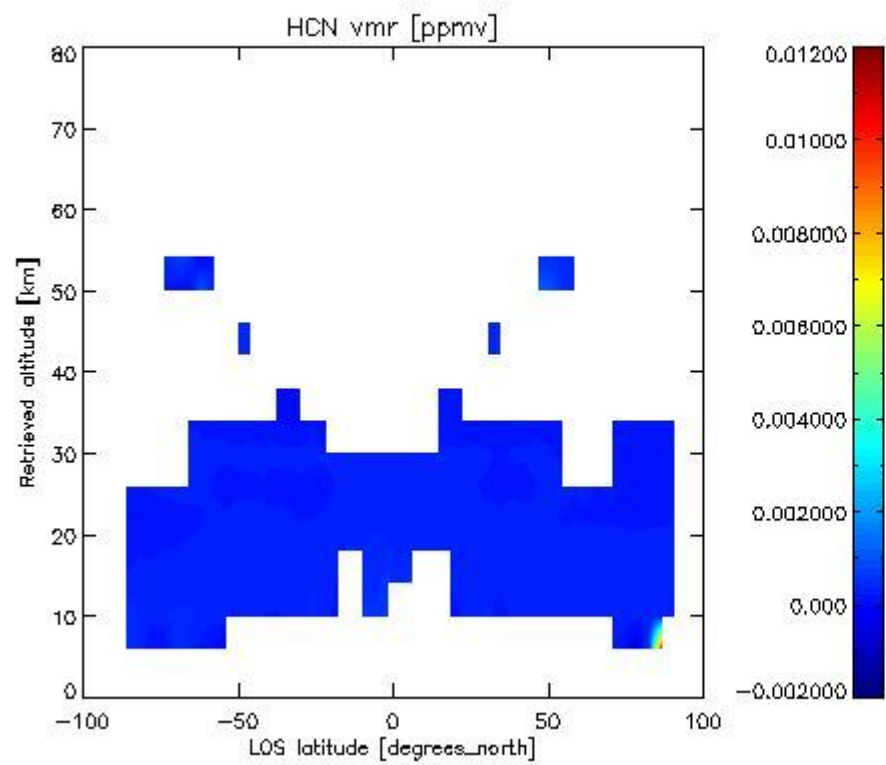


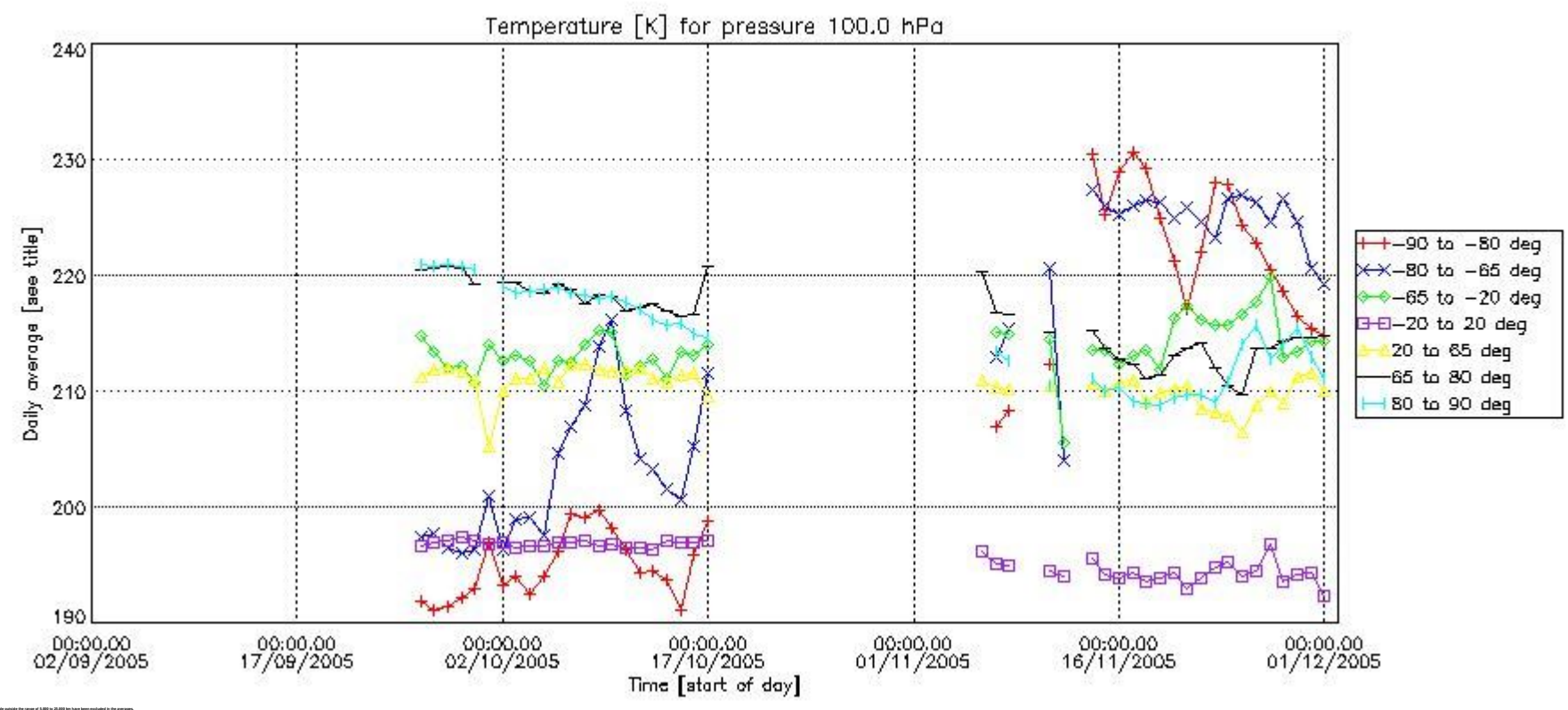
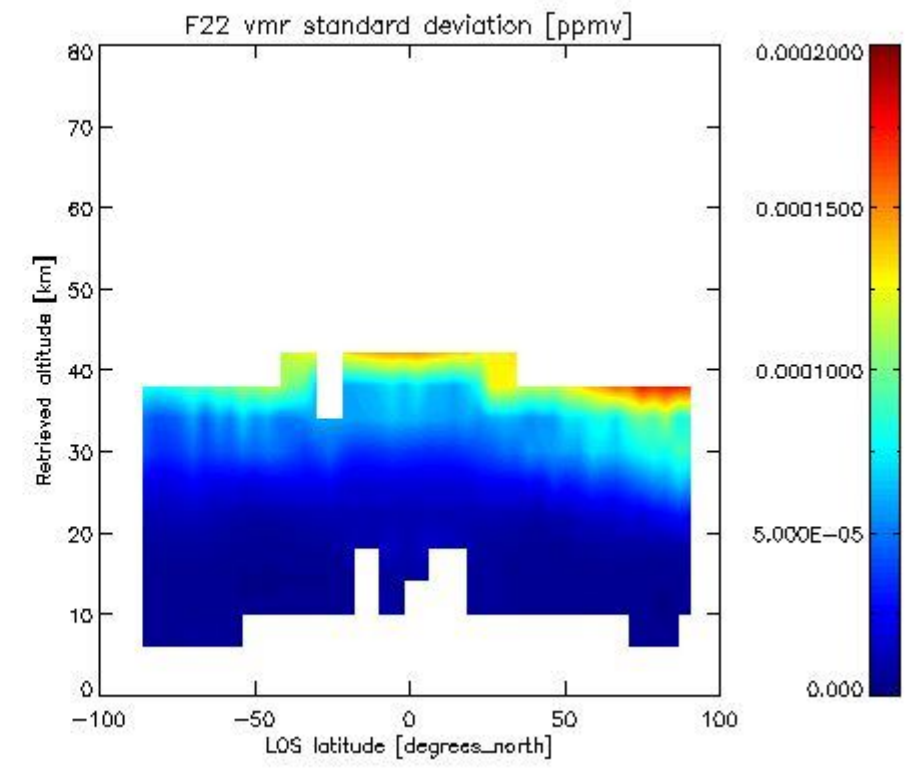
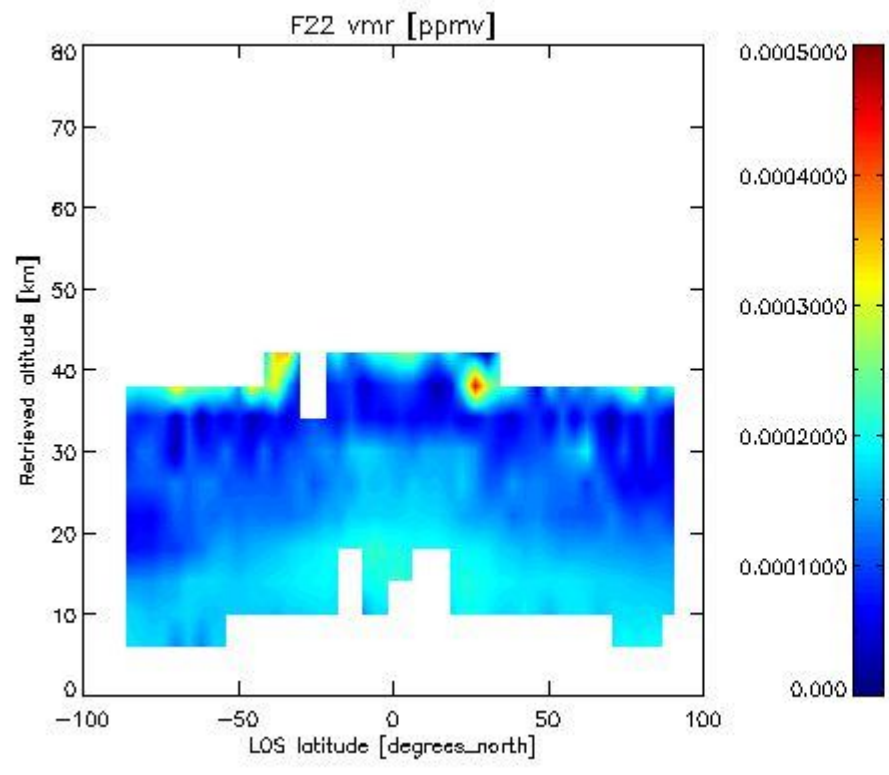
2.3.4.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

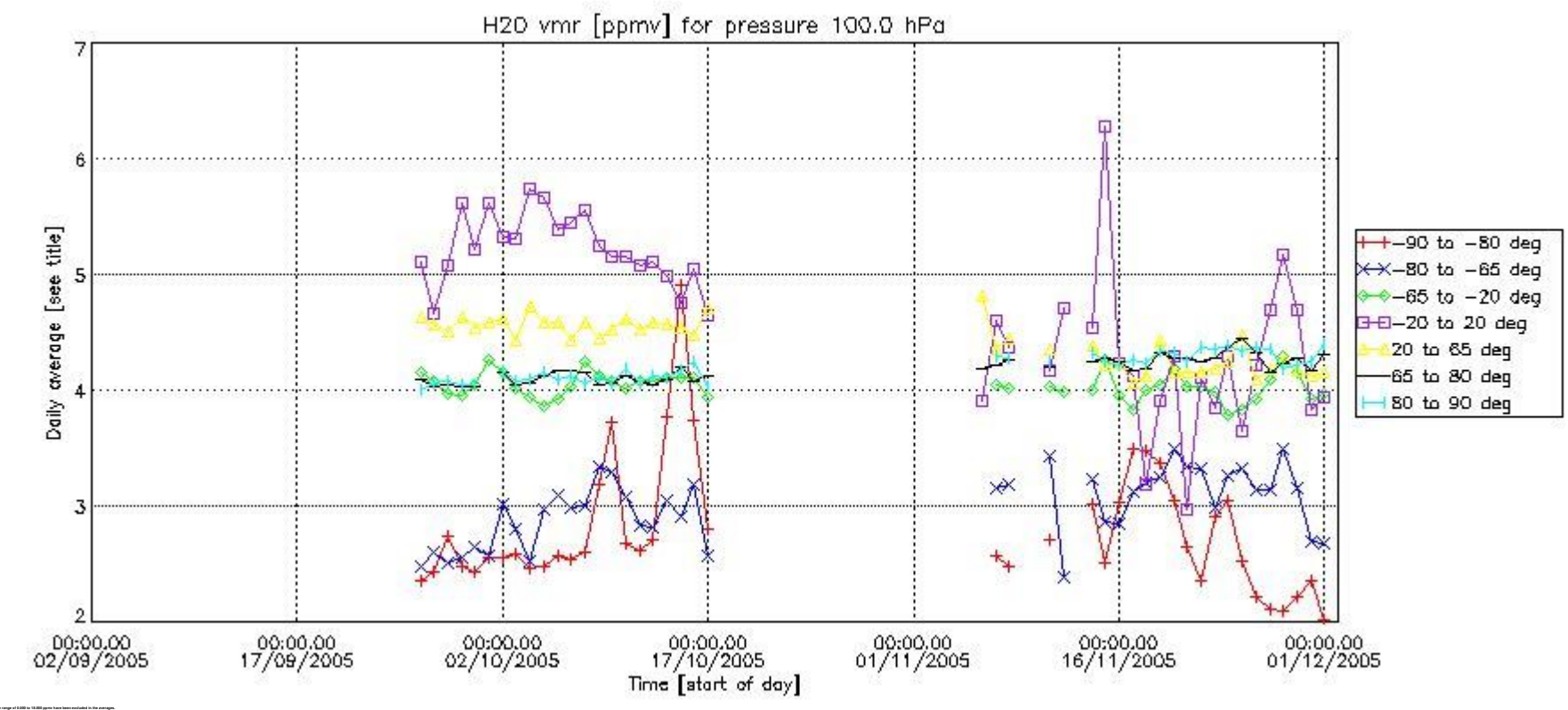
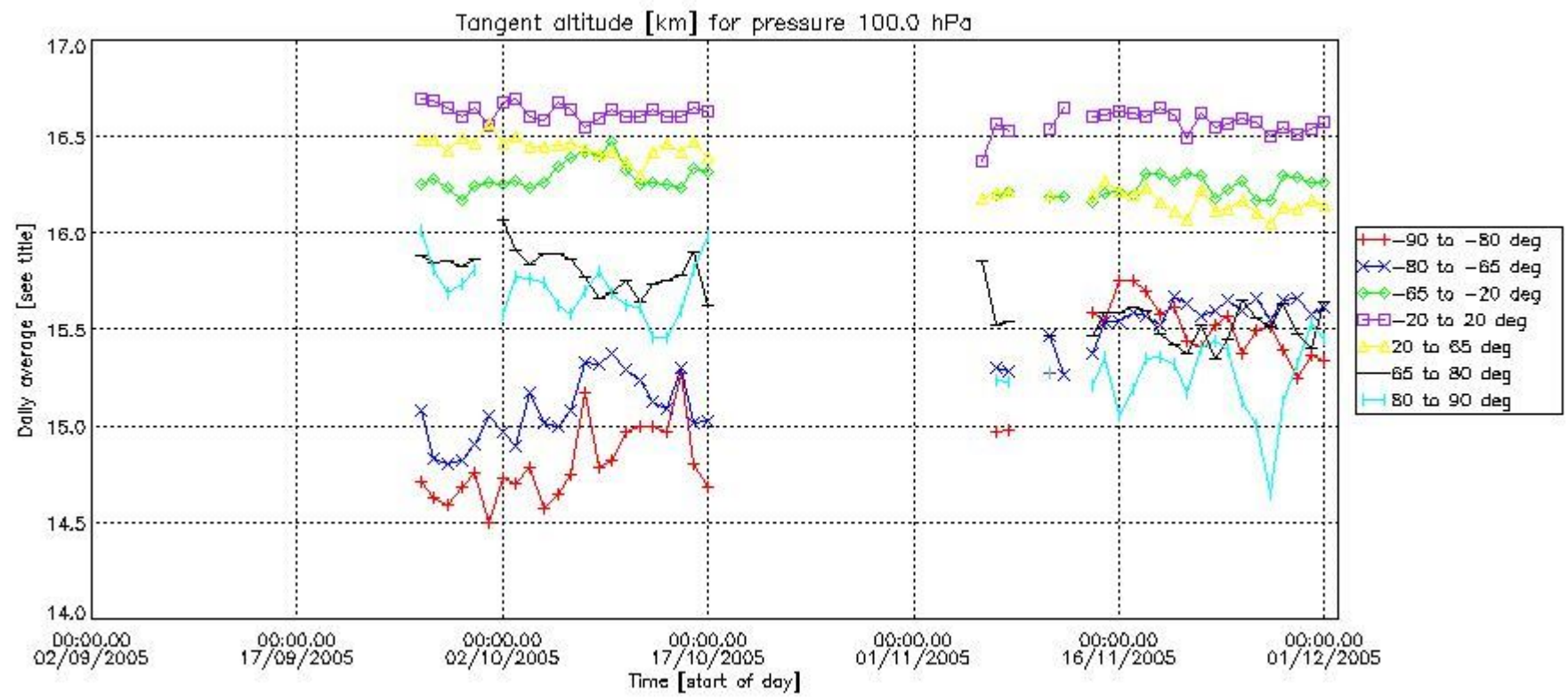


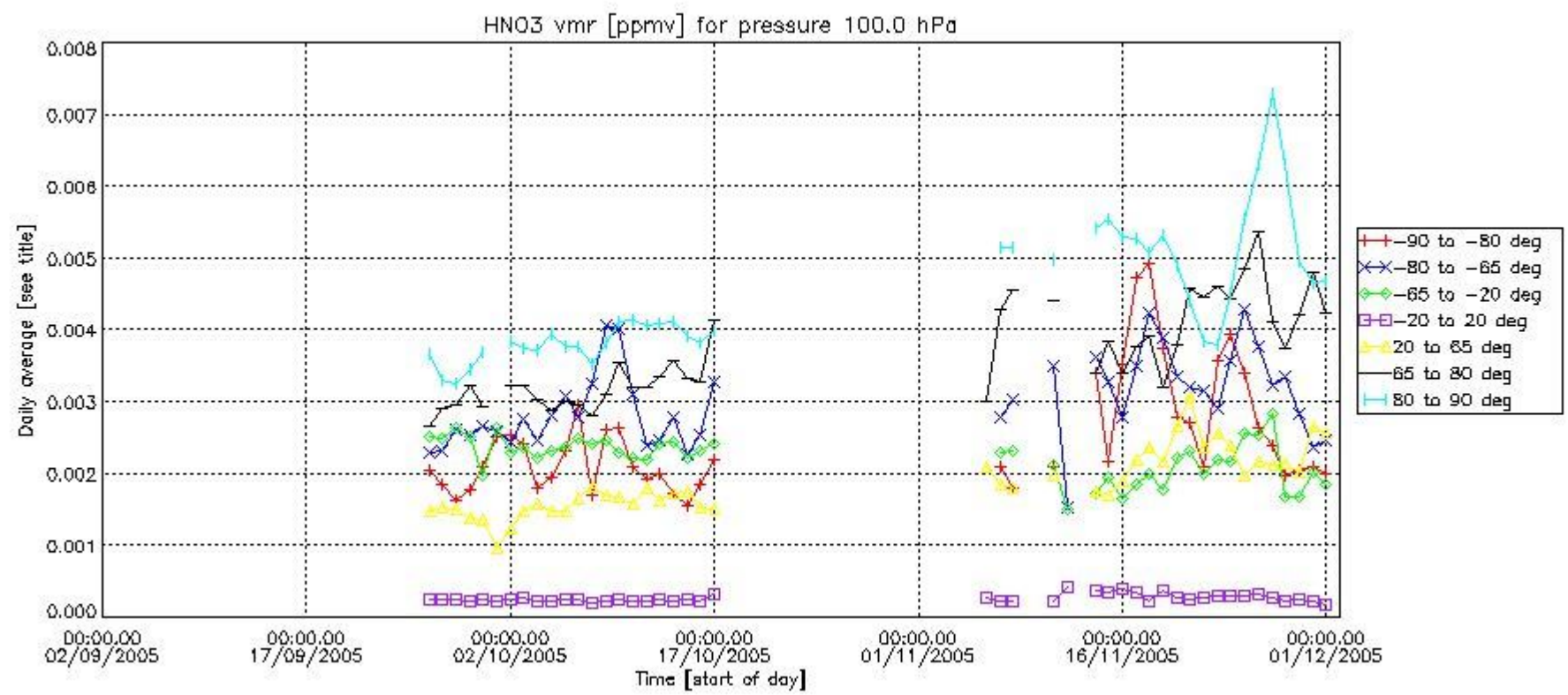
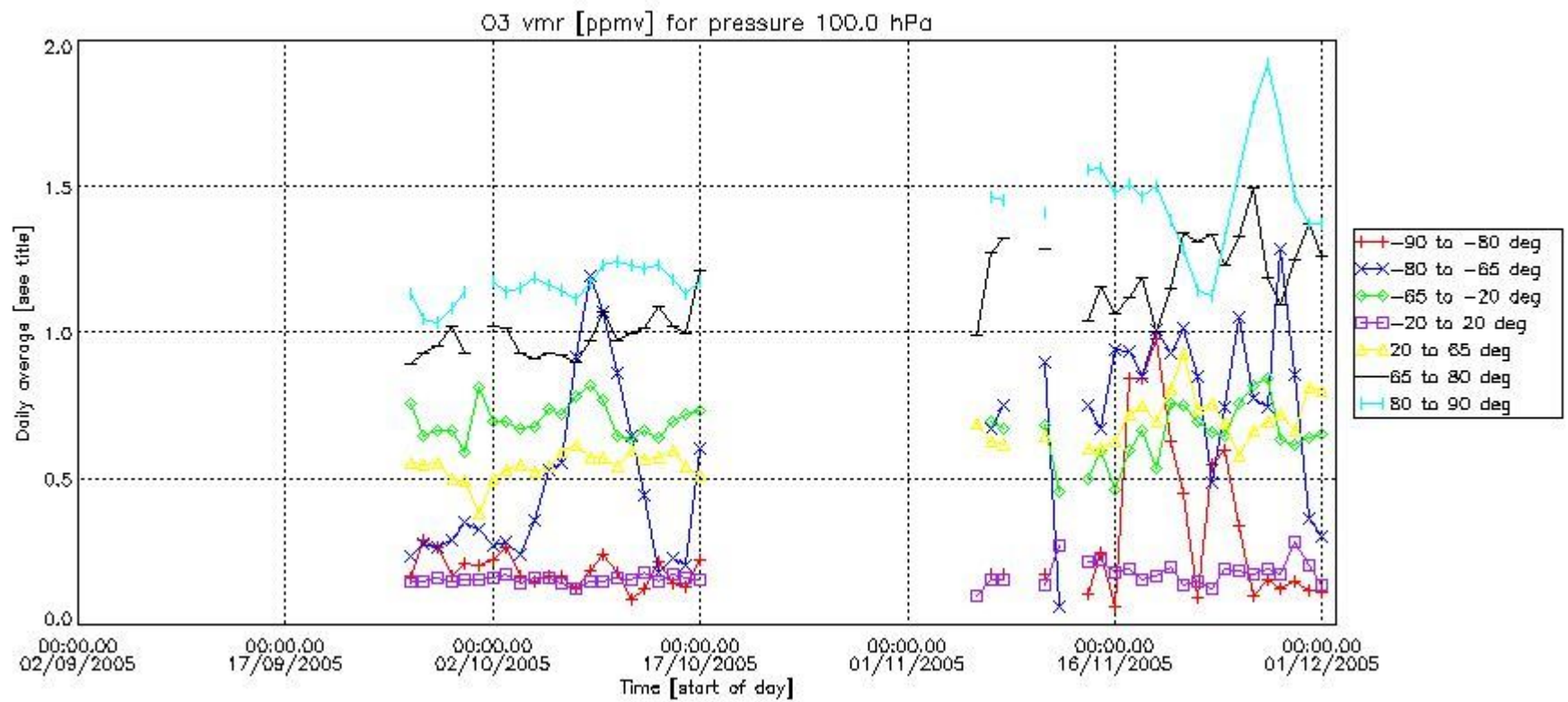


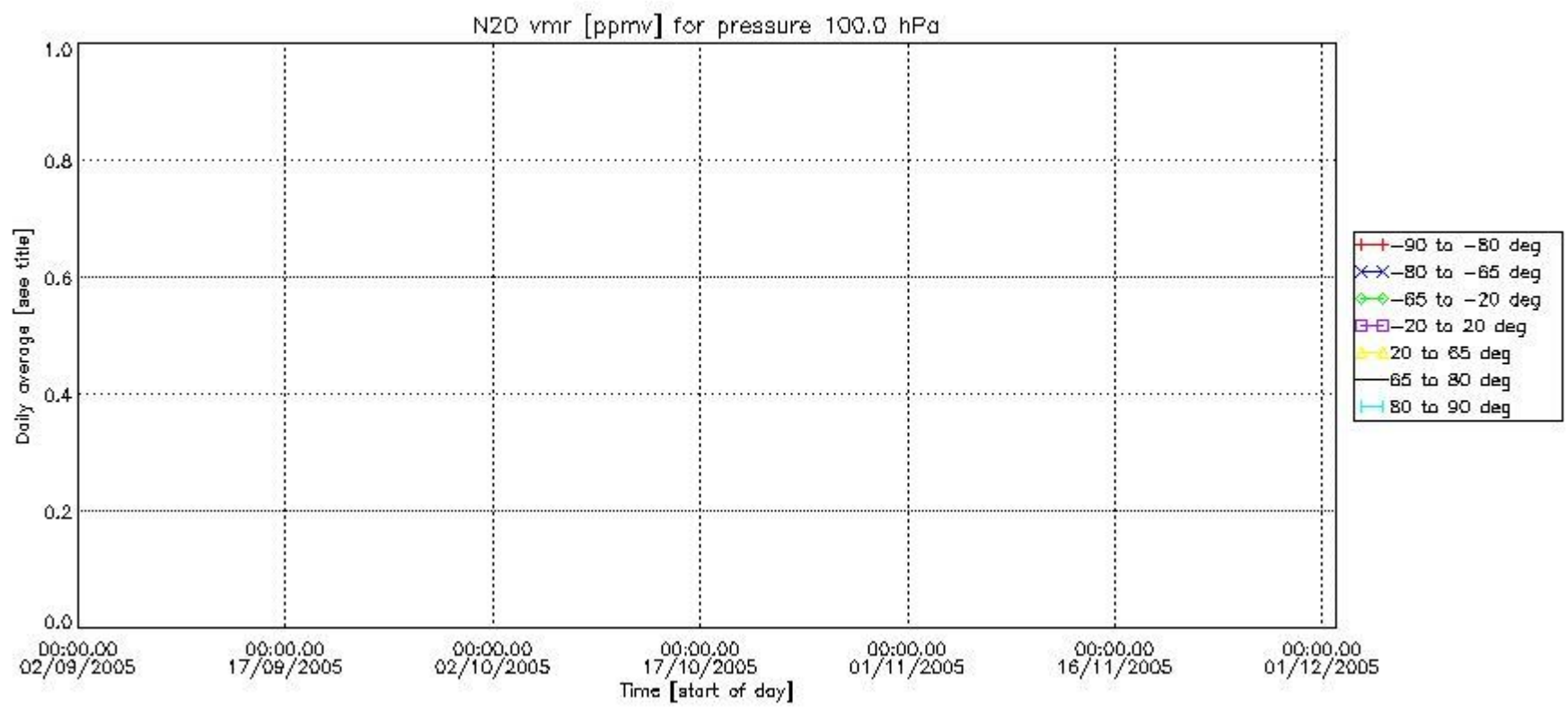
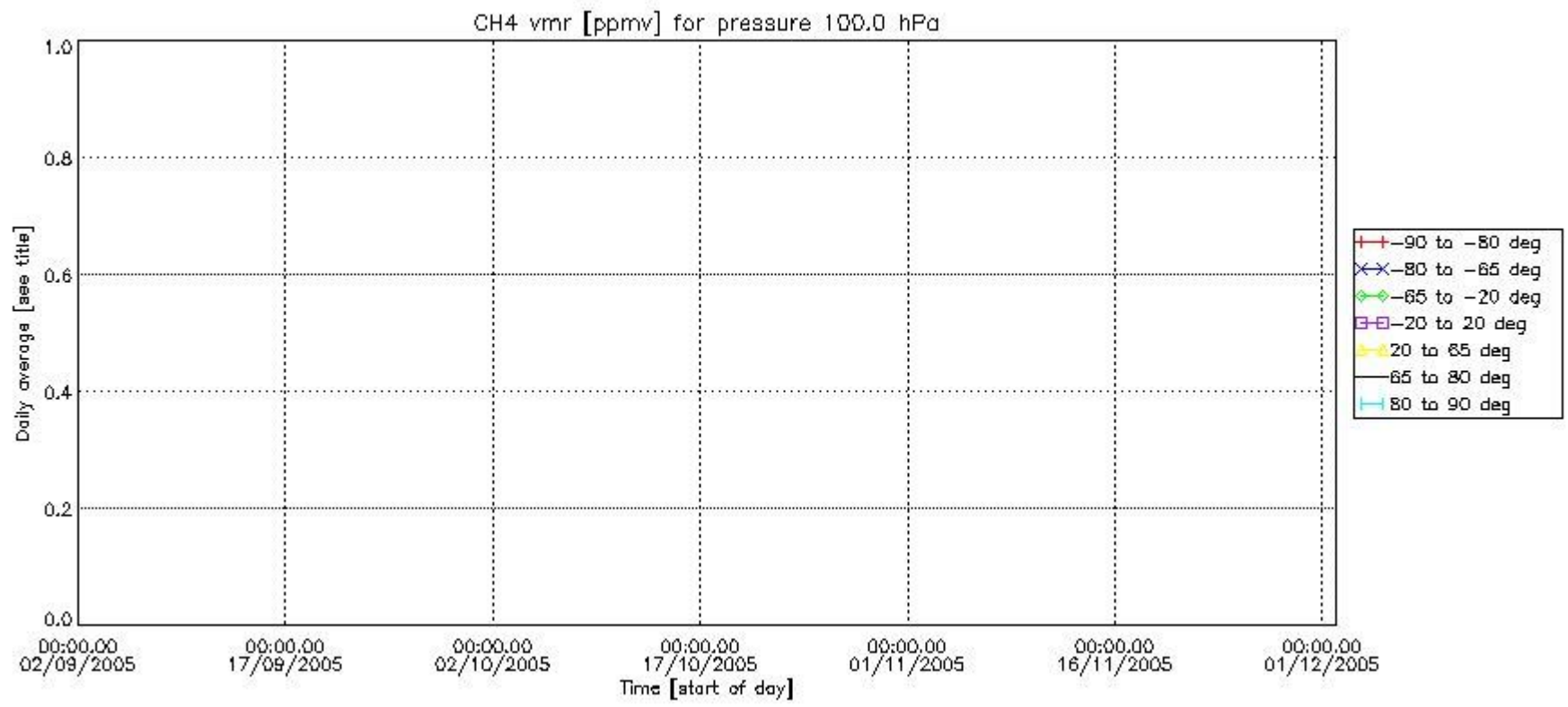


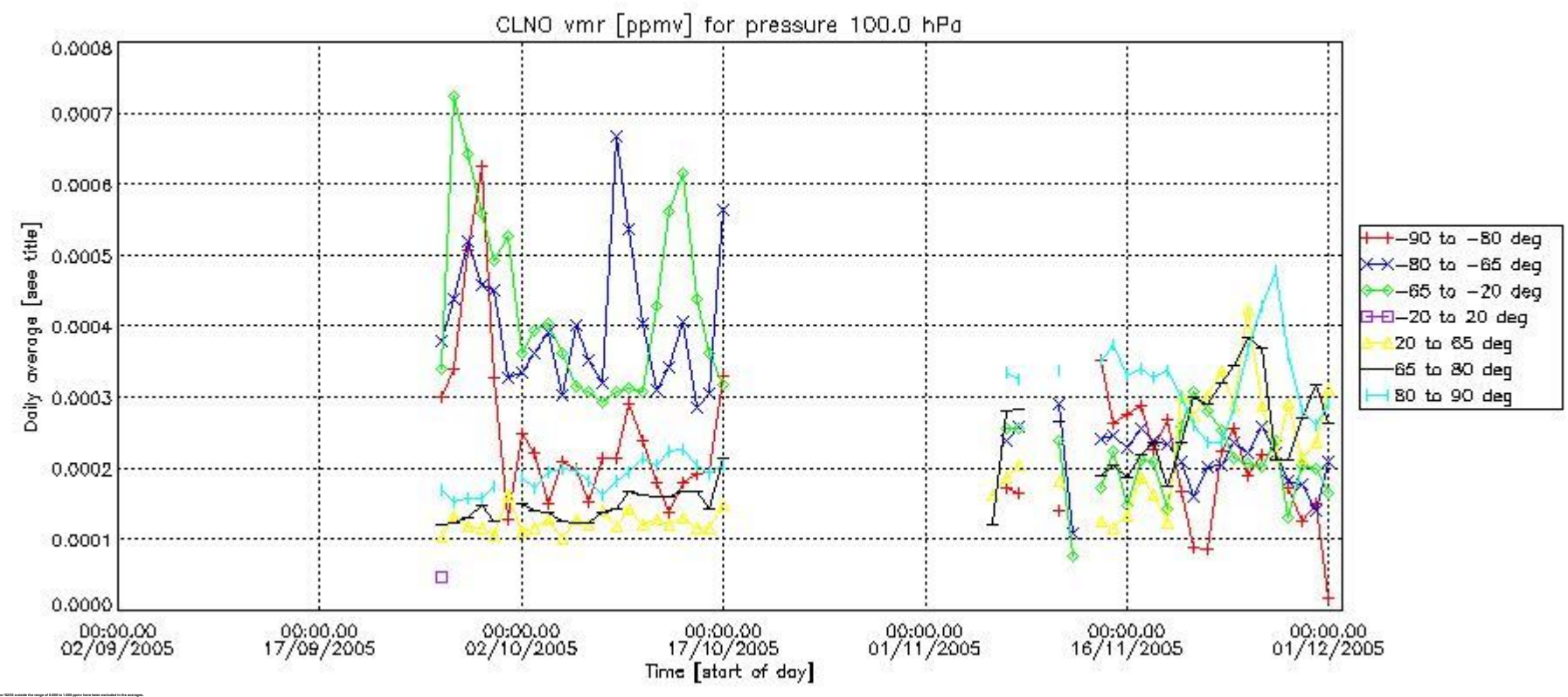
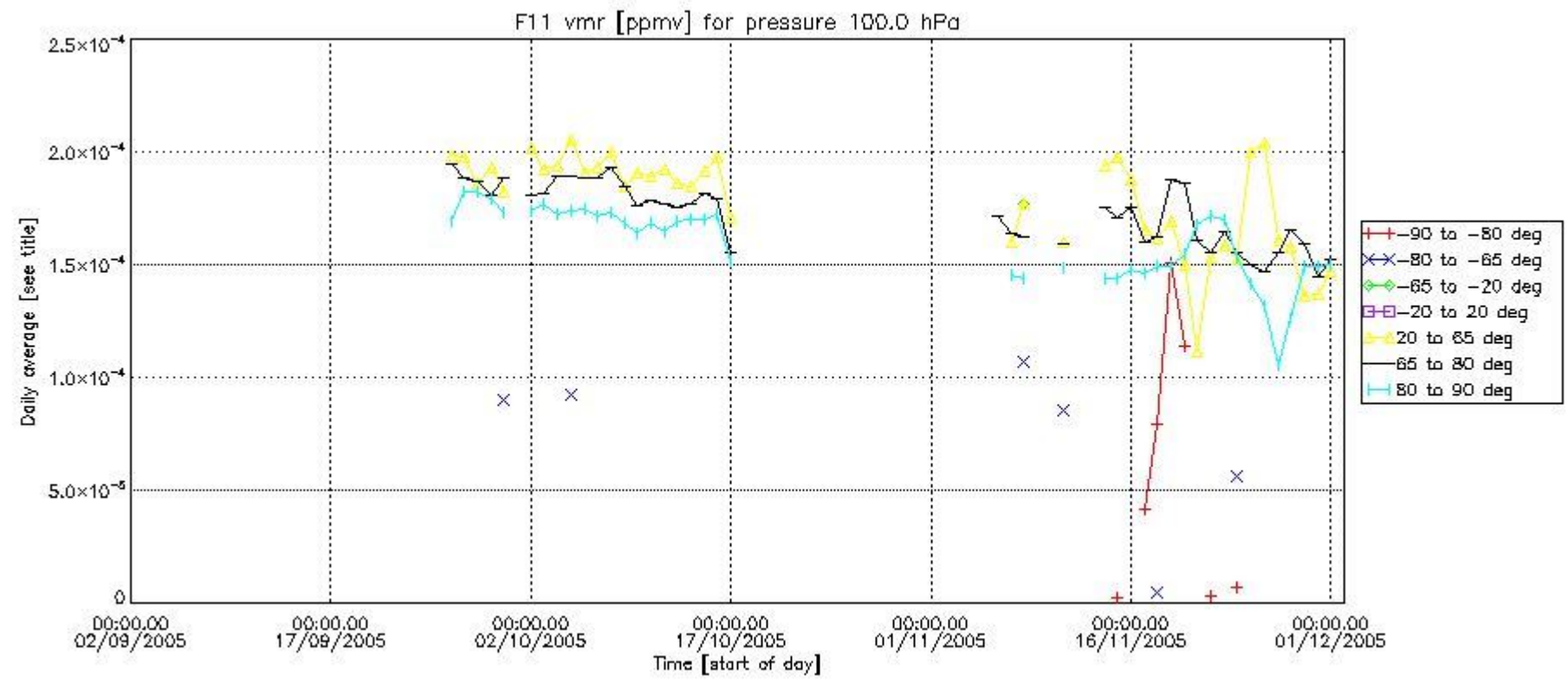


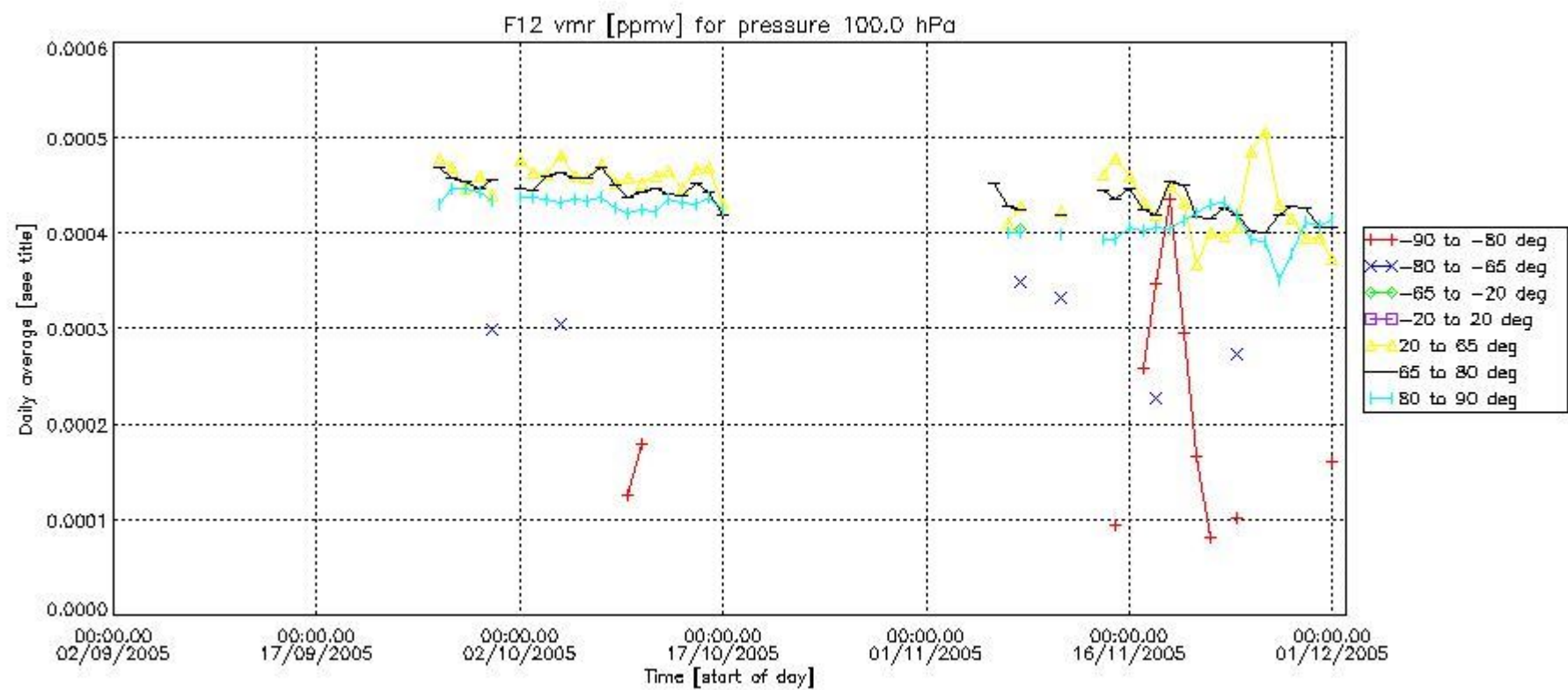
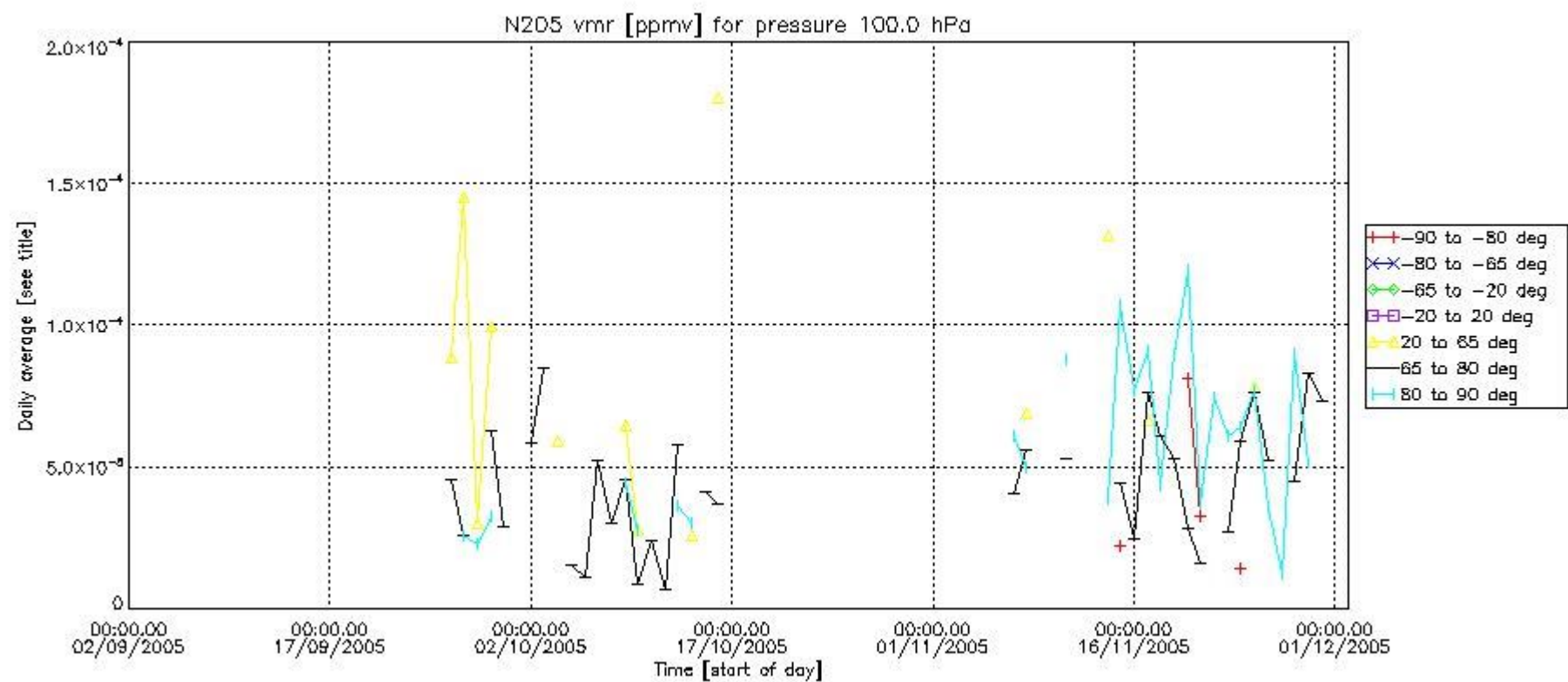


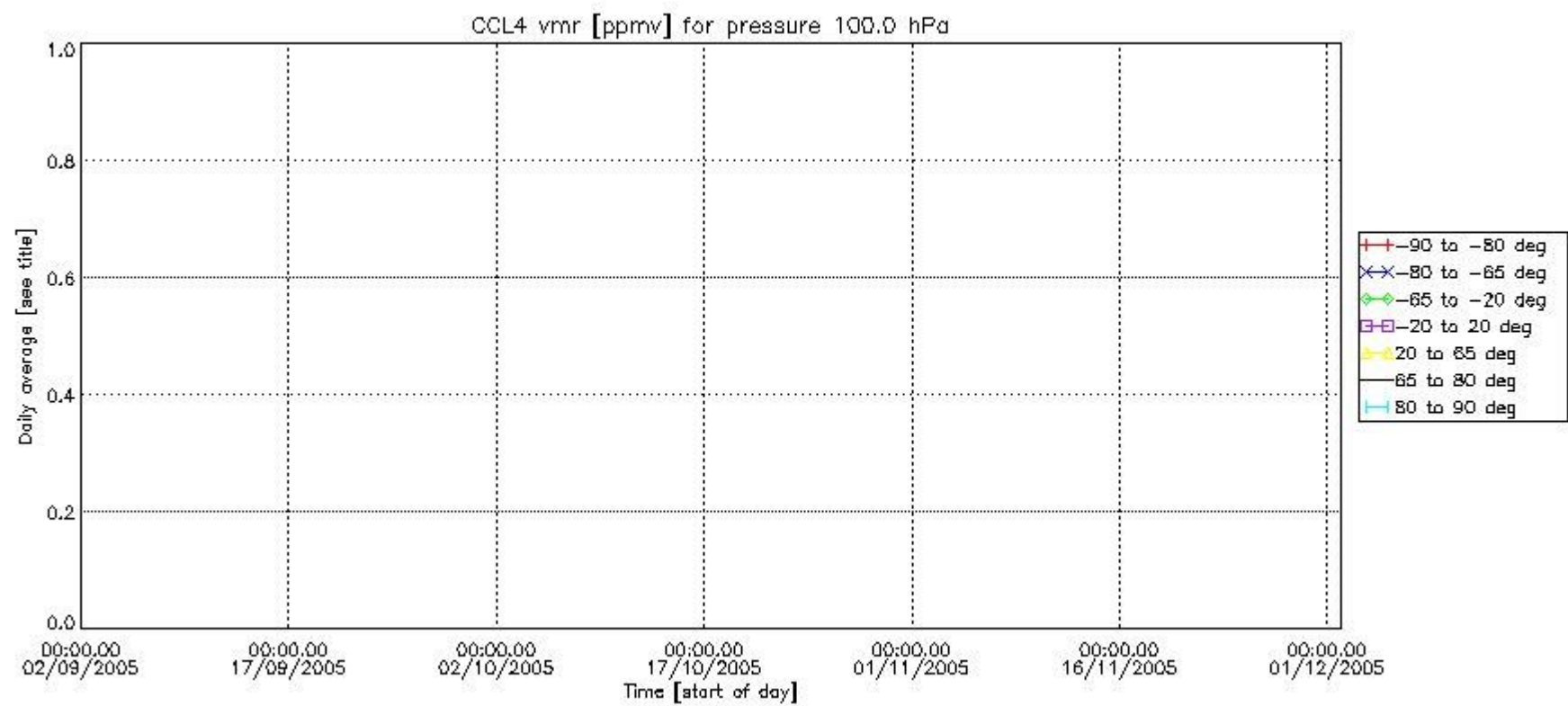
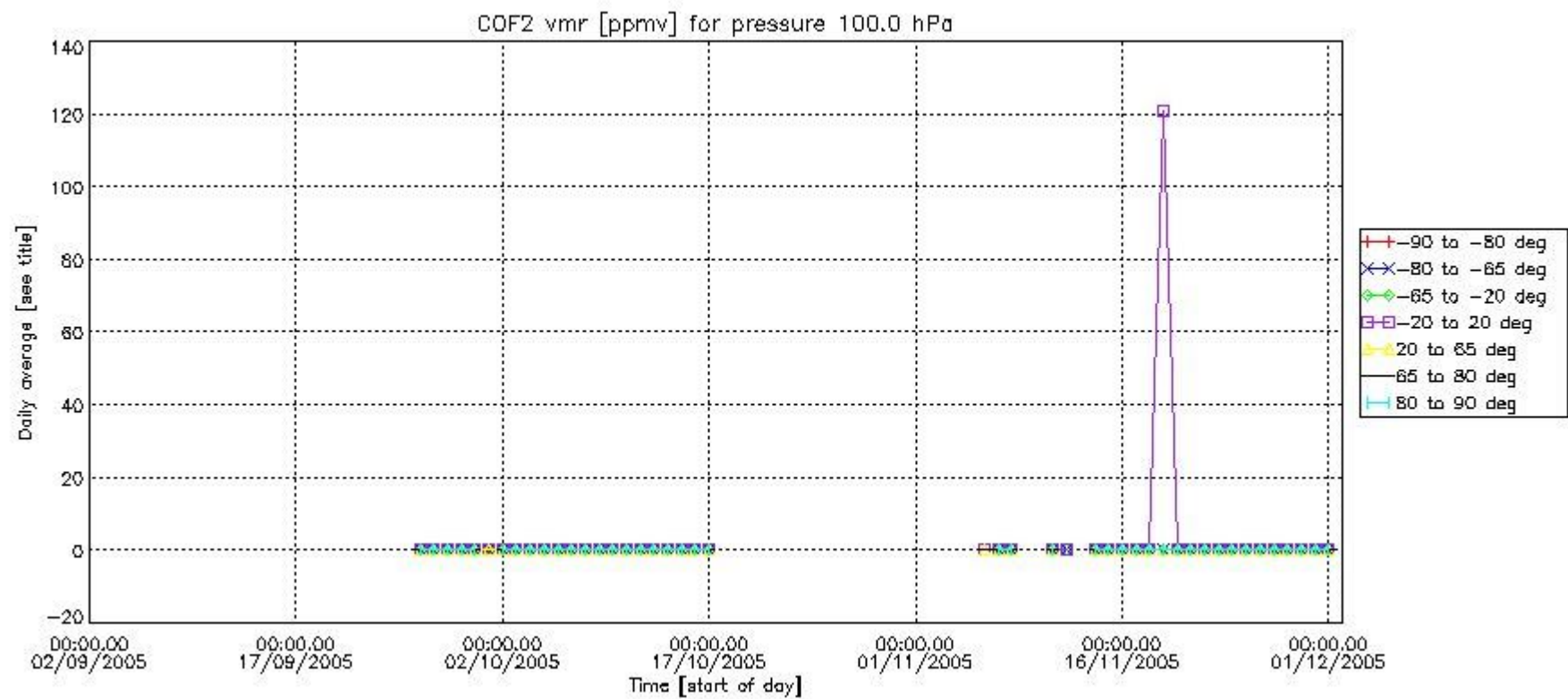


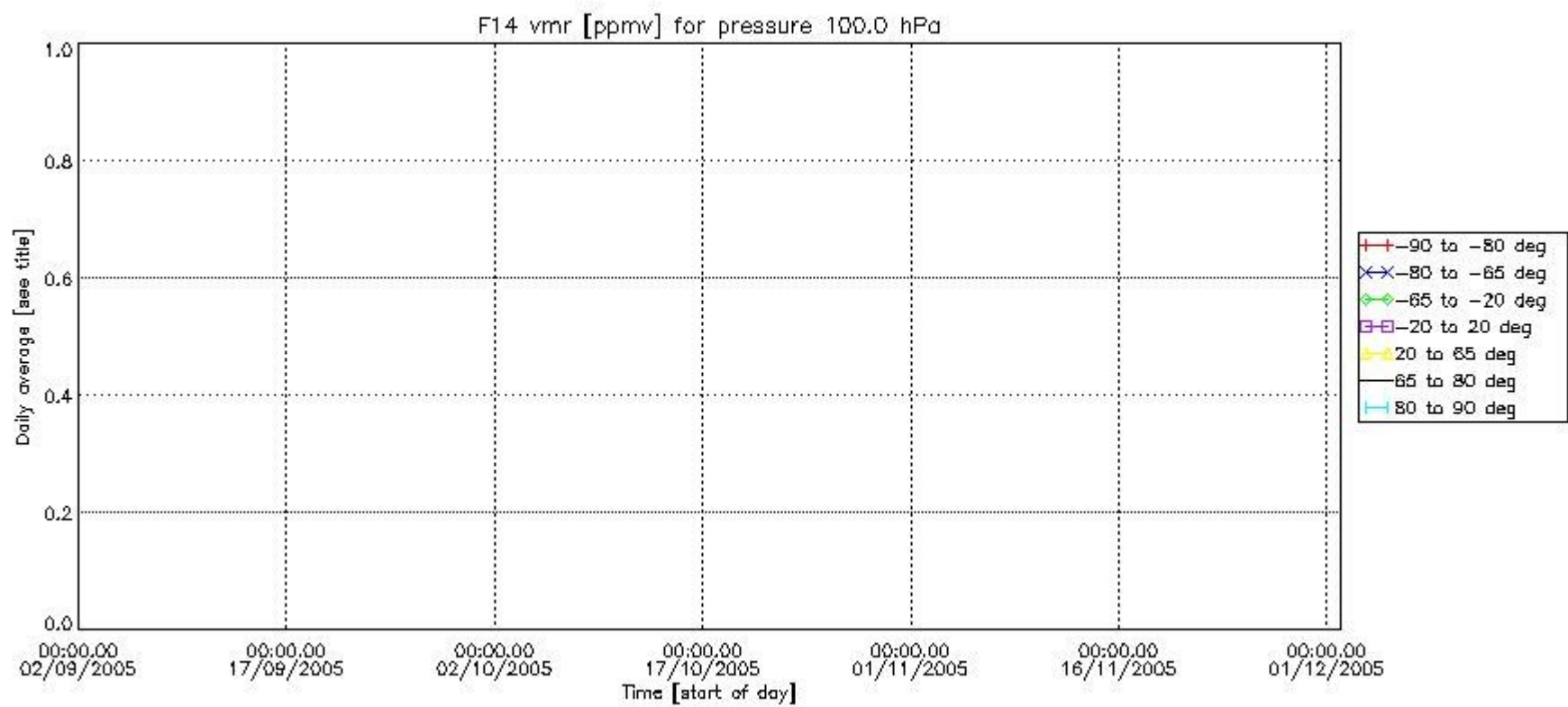
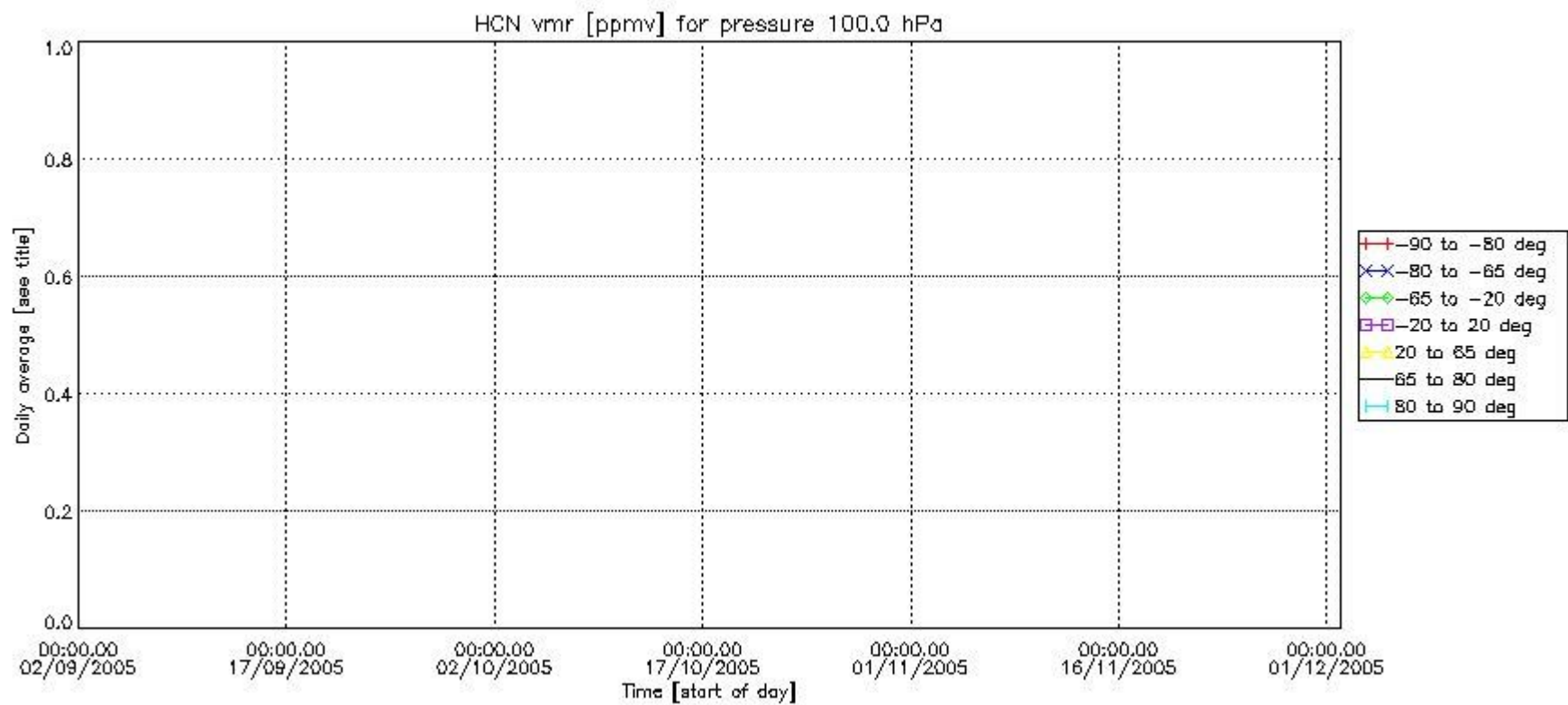


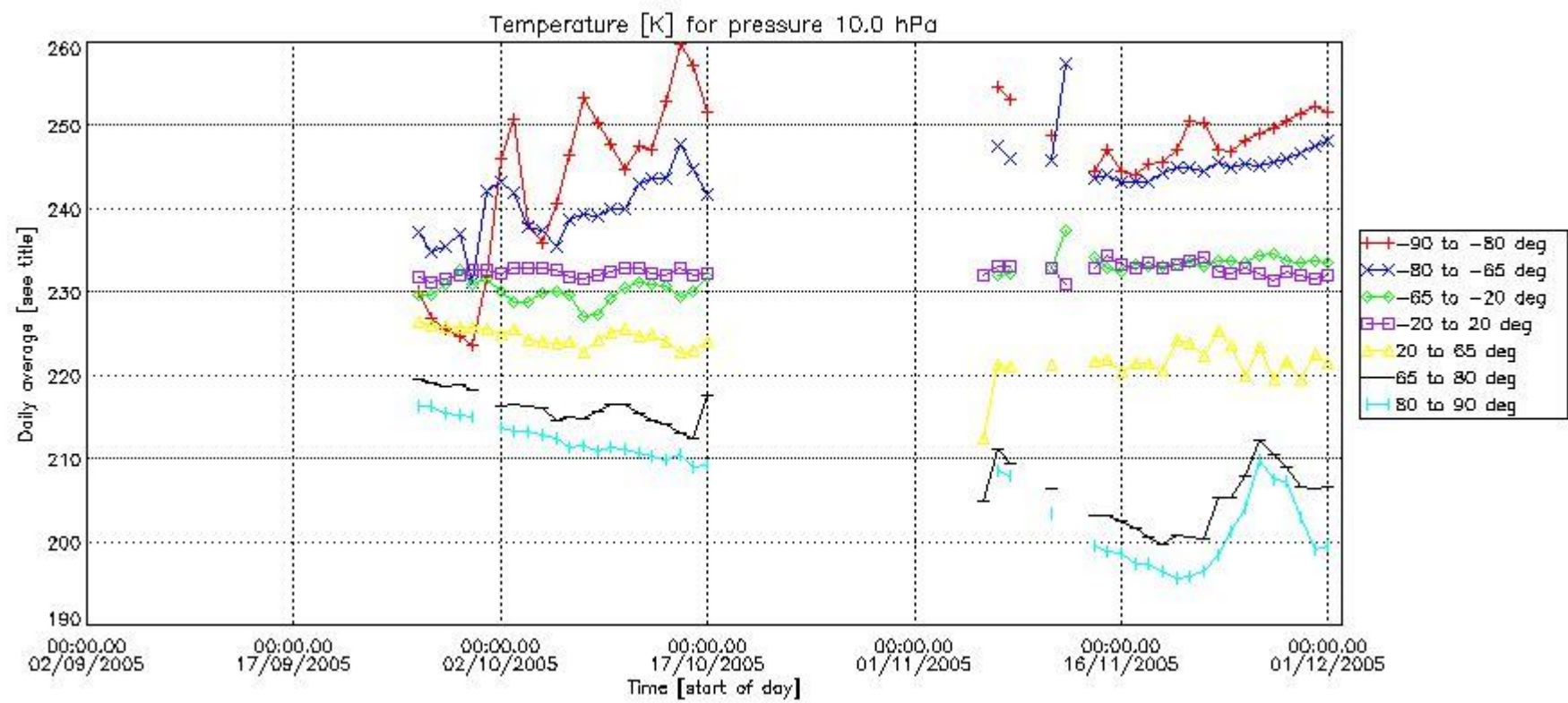
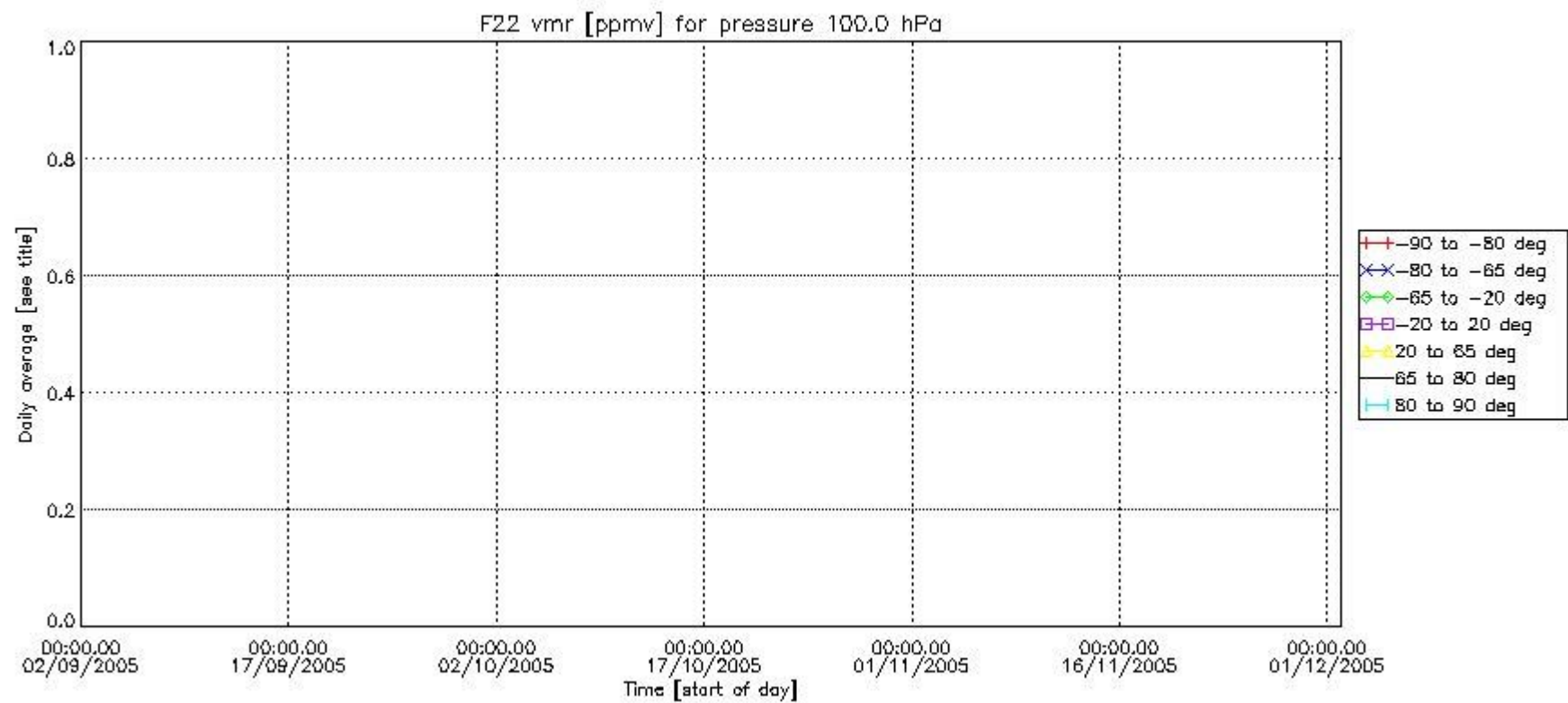


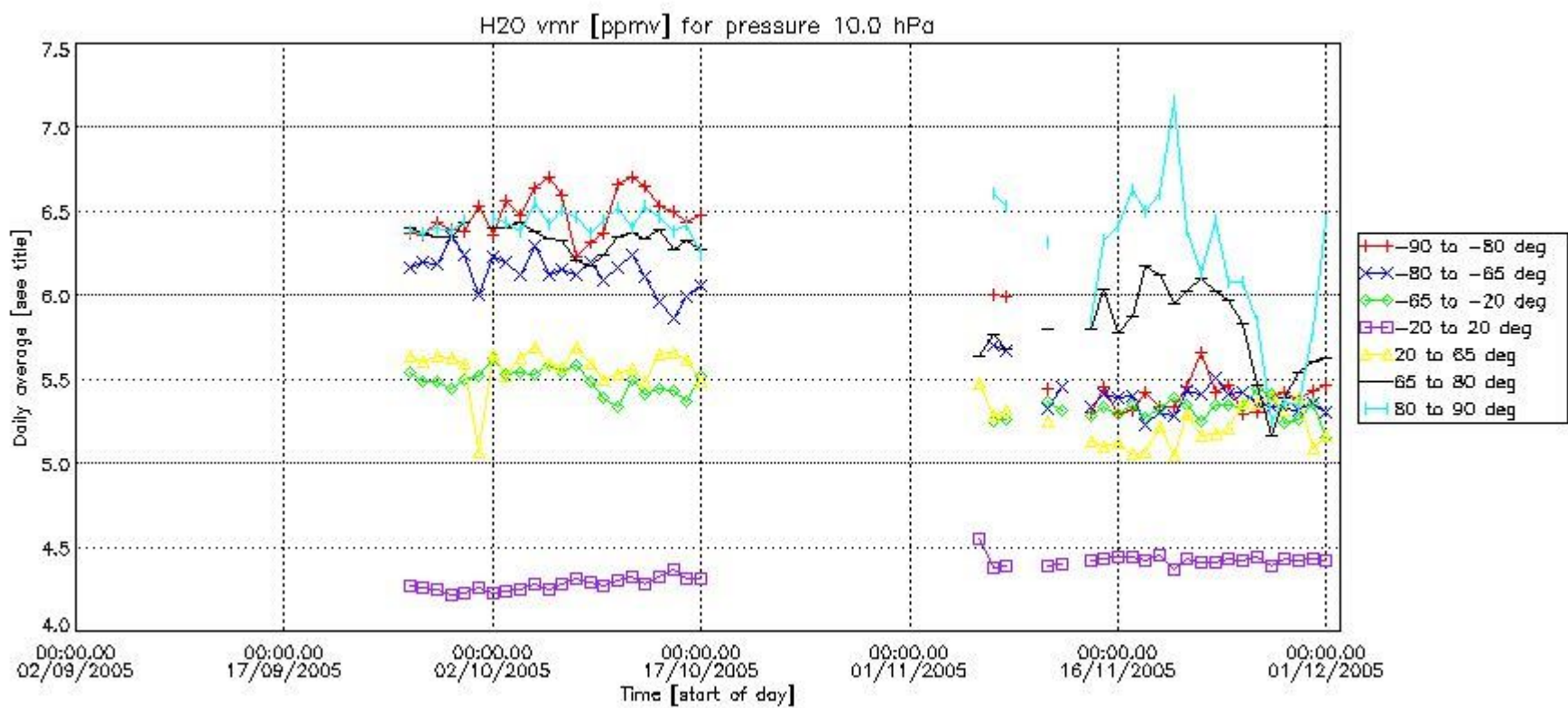
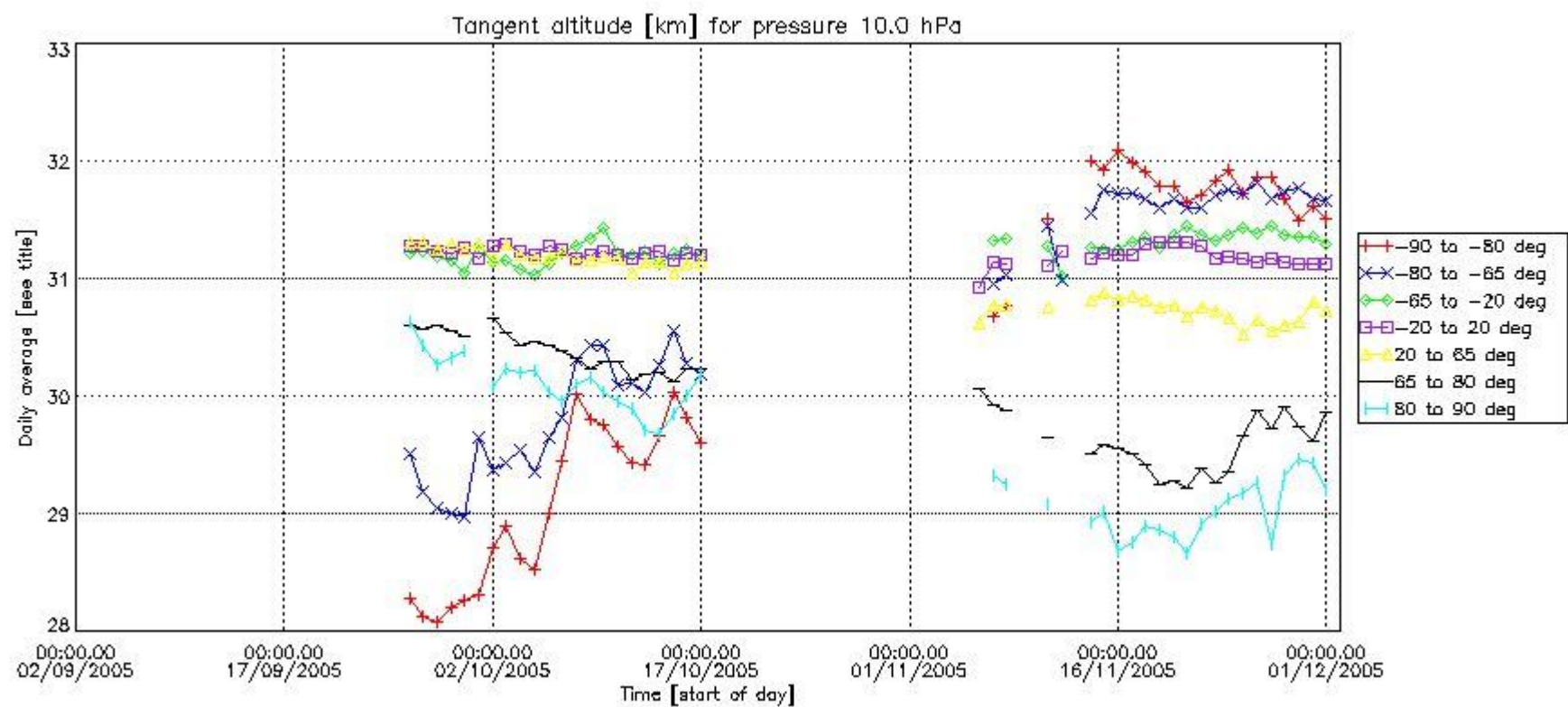


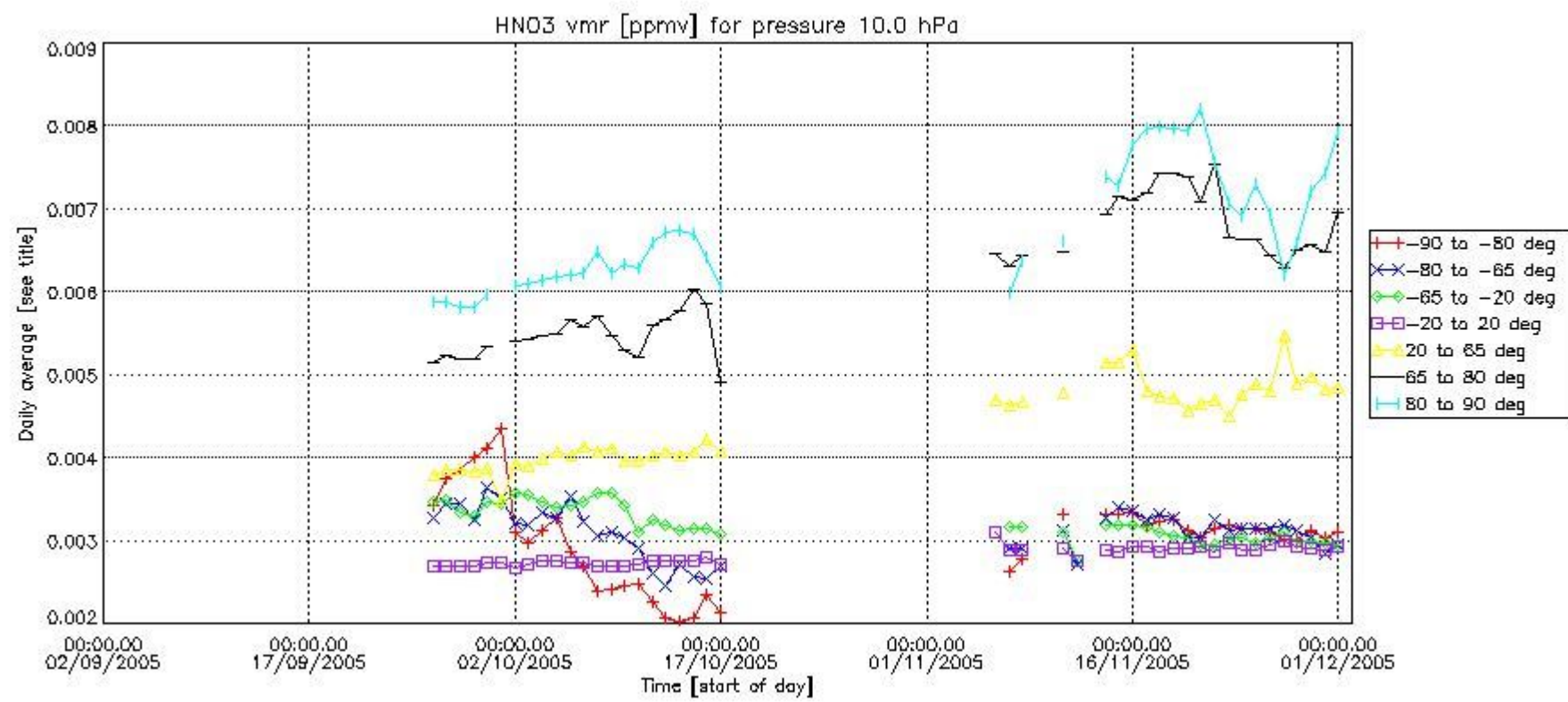
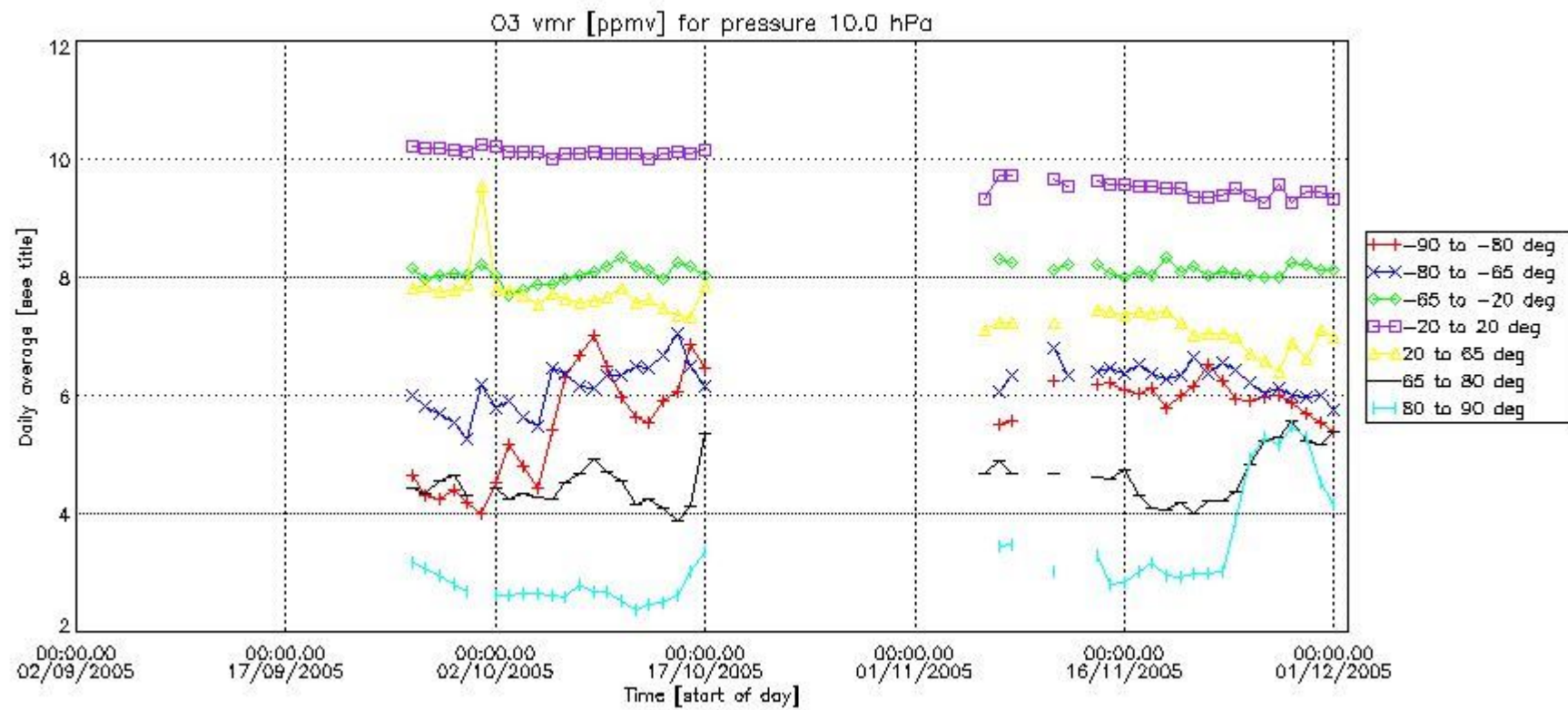


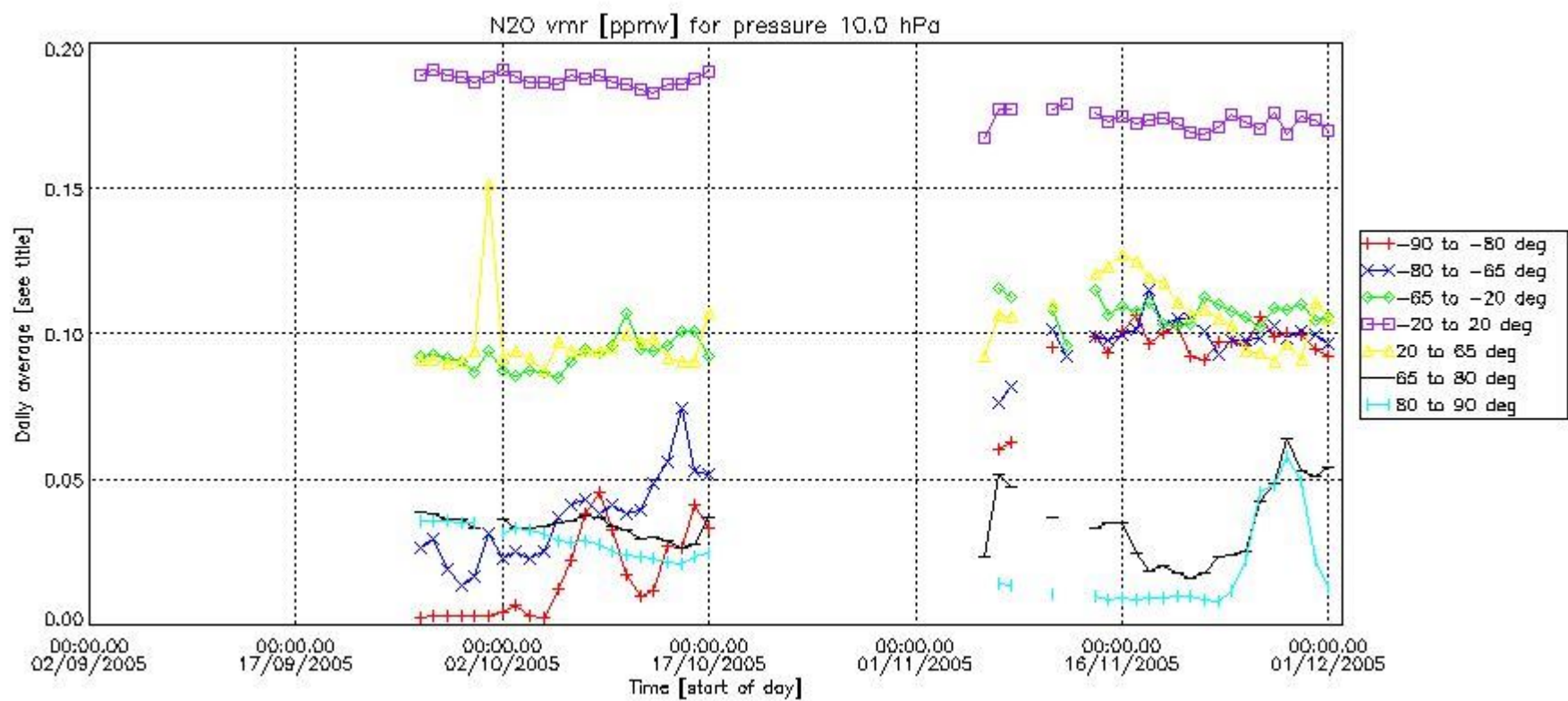
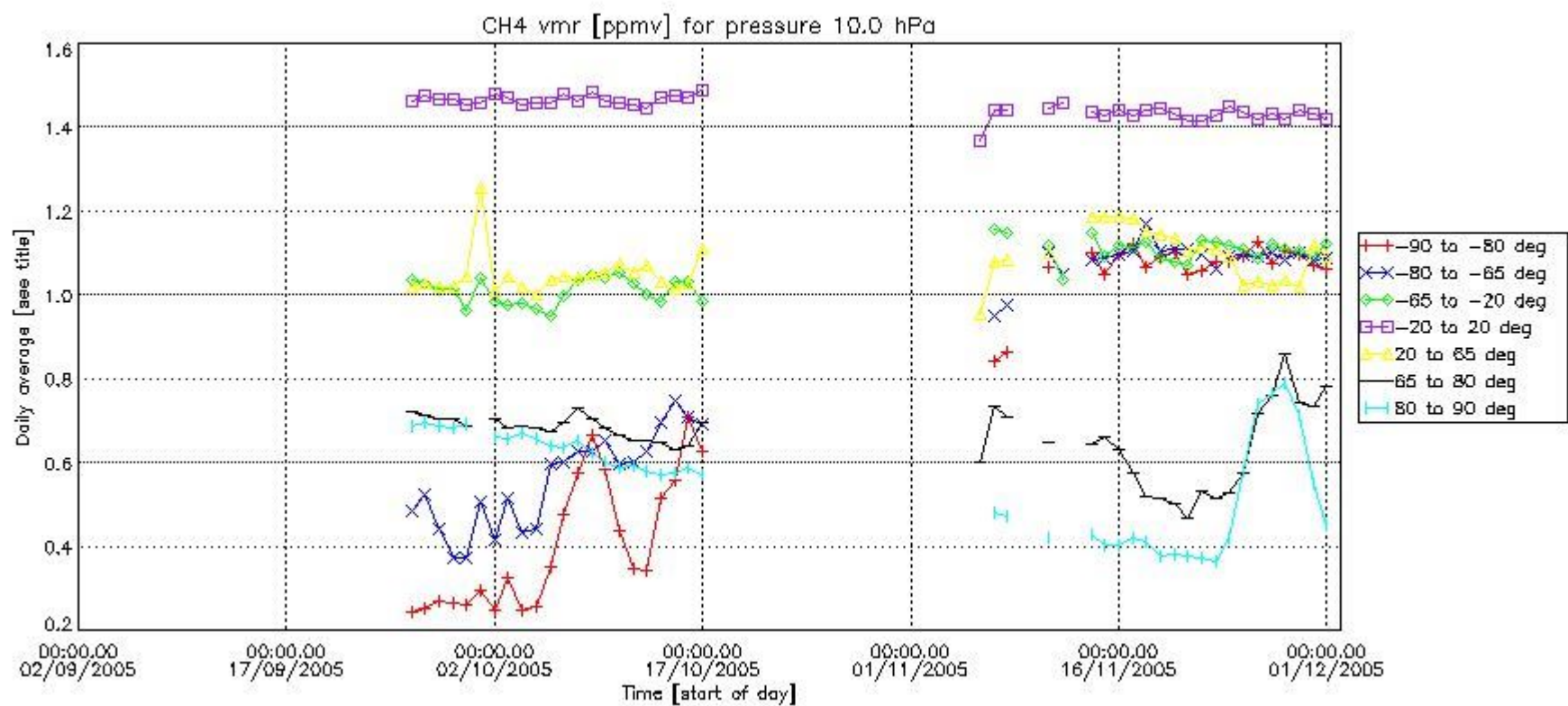


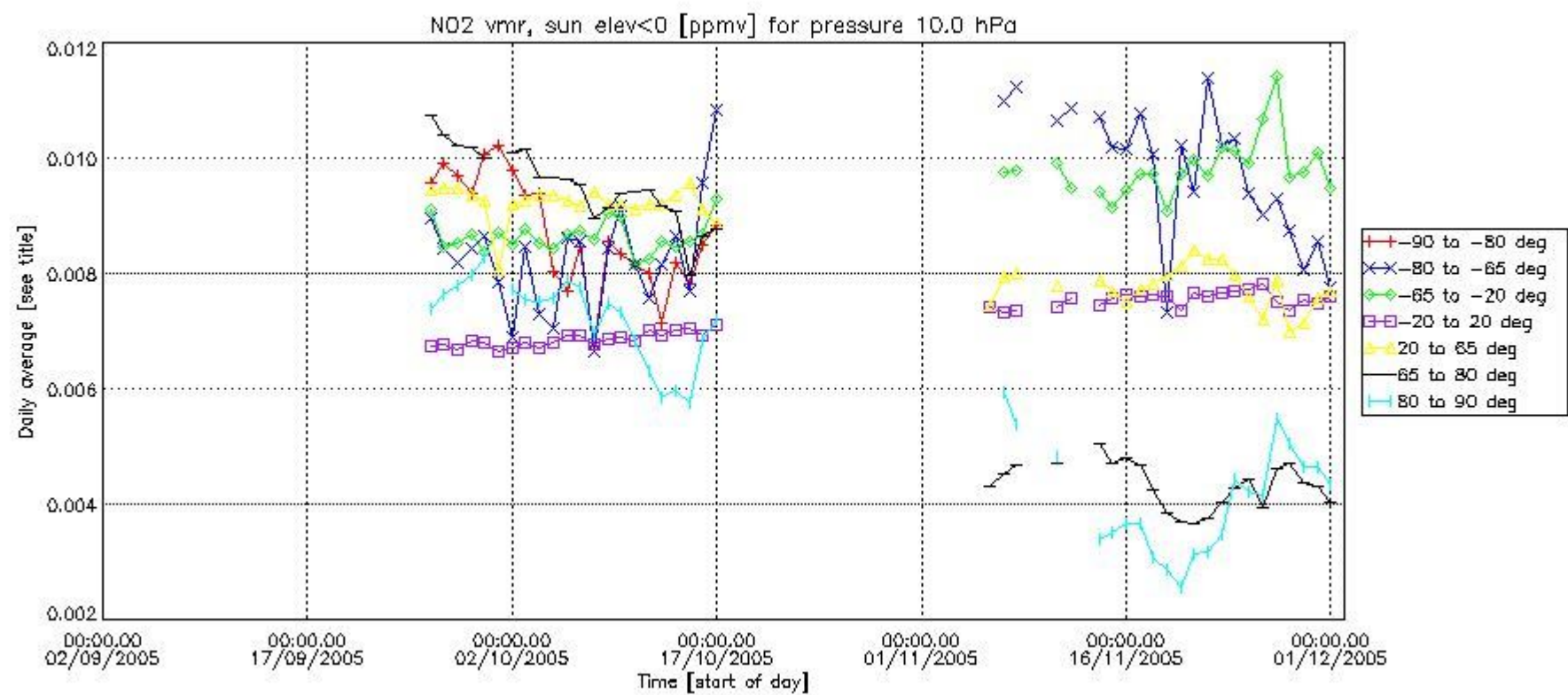
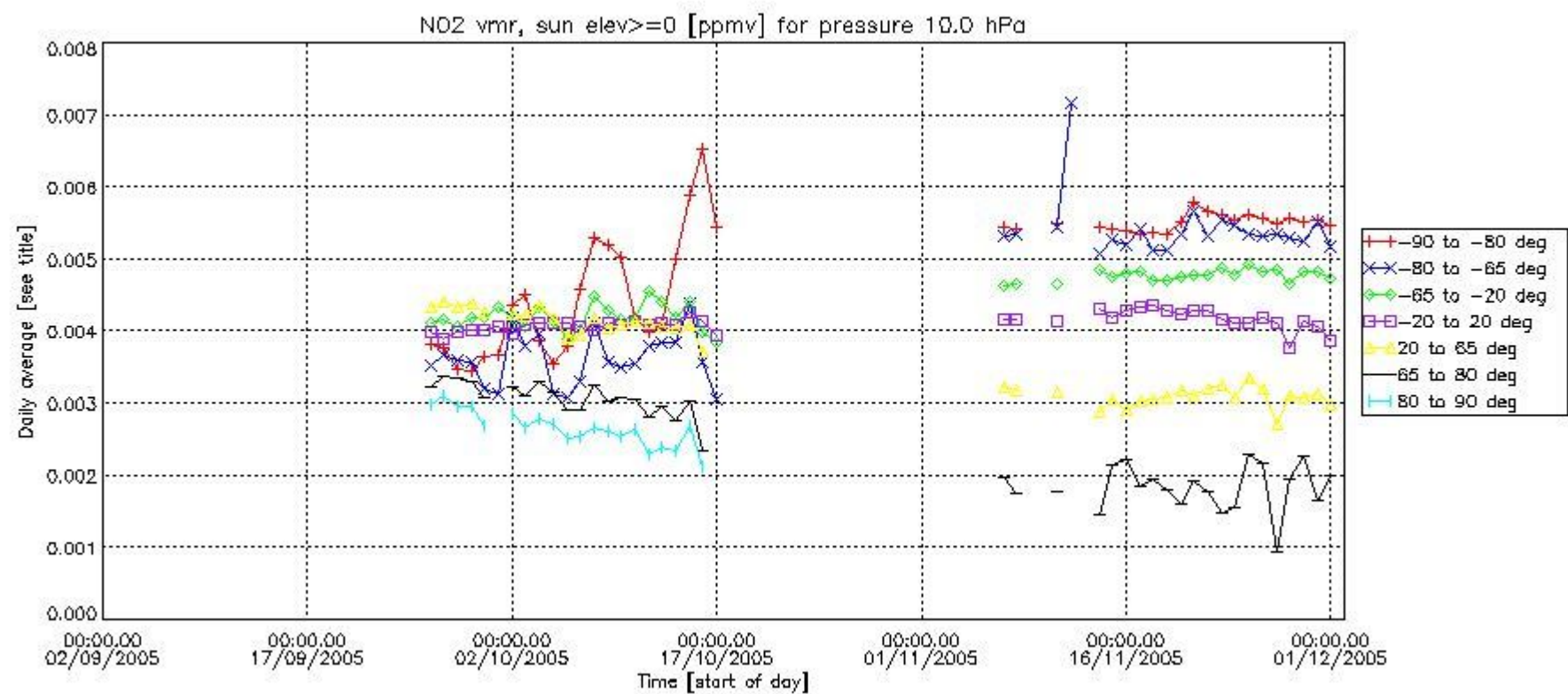


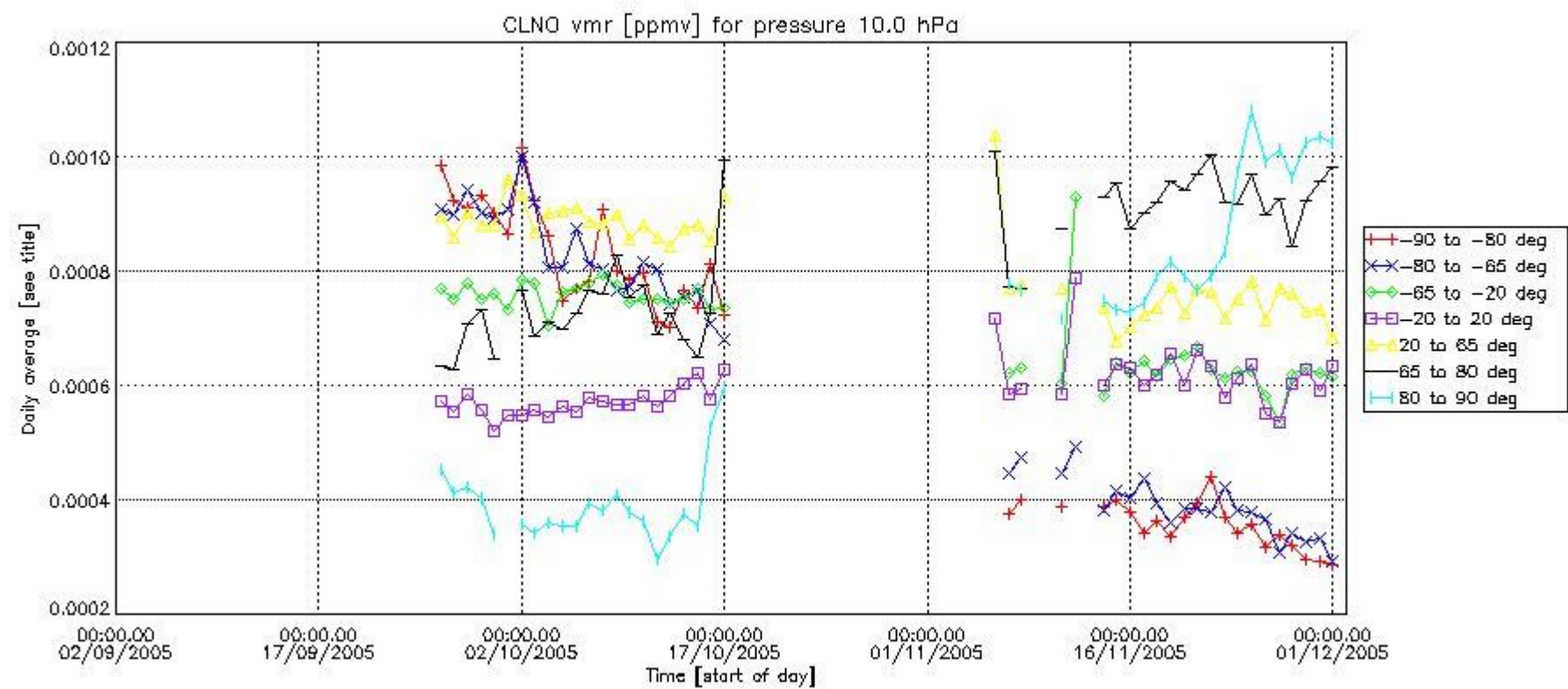
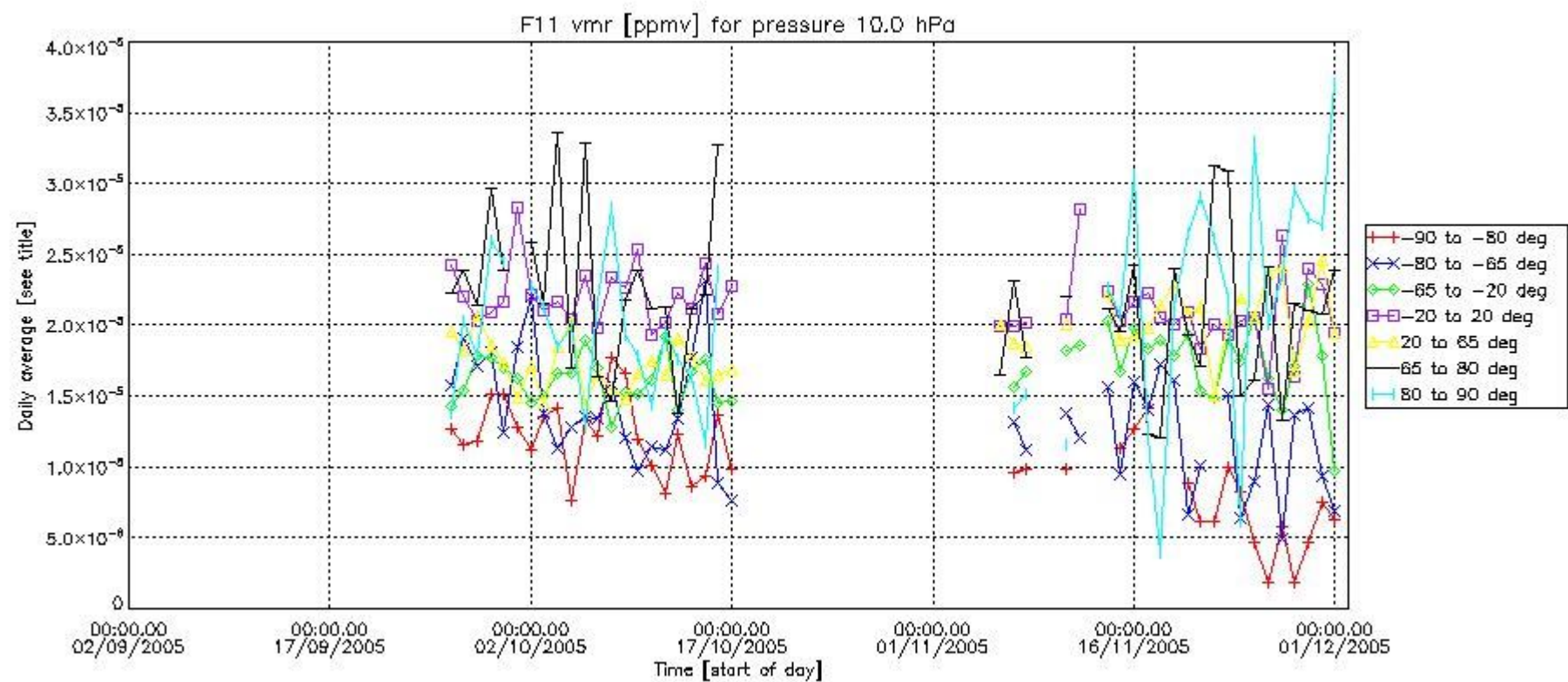


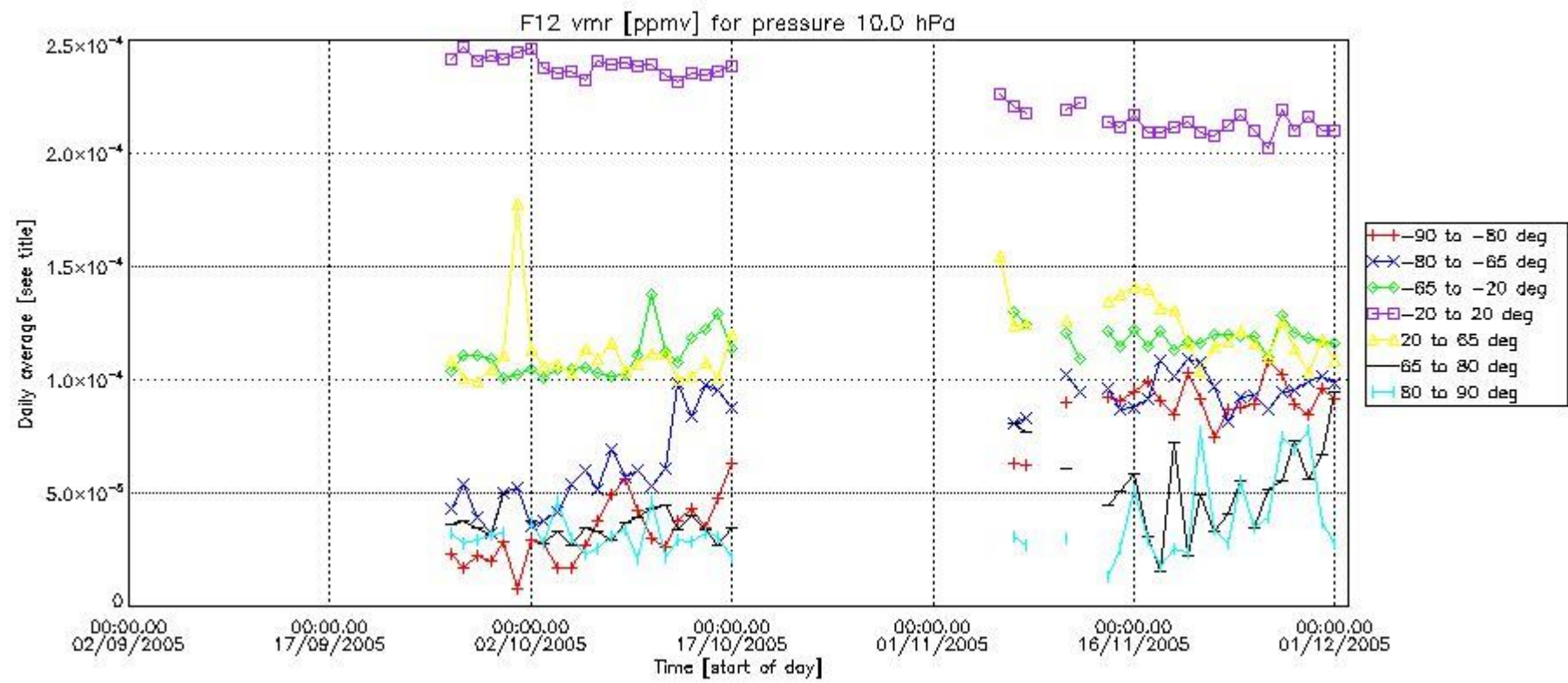
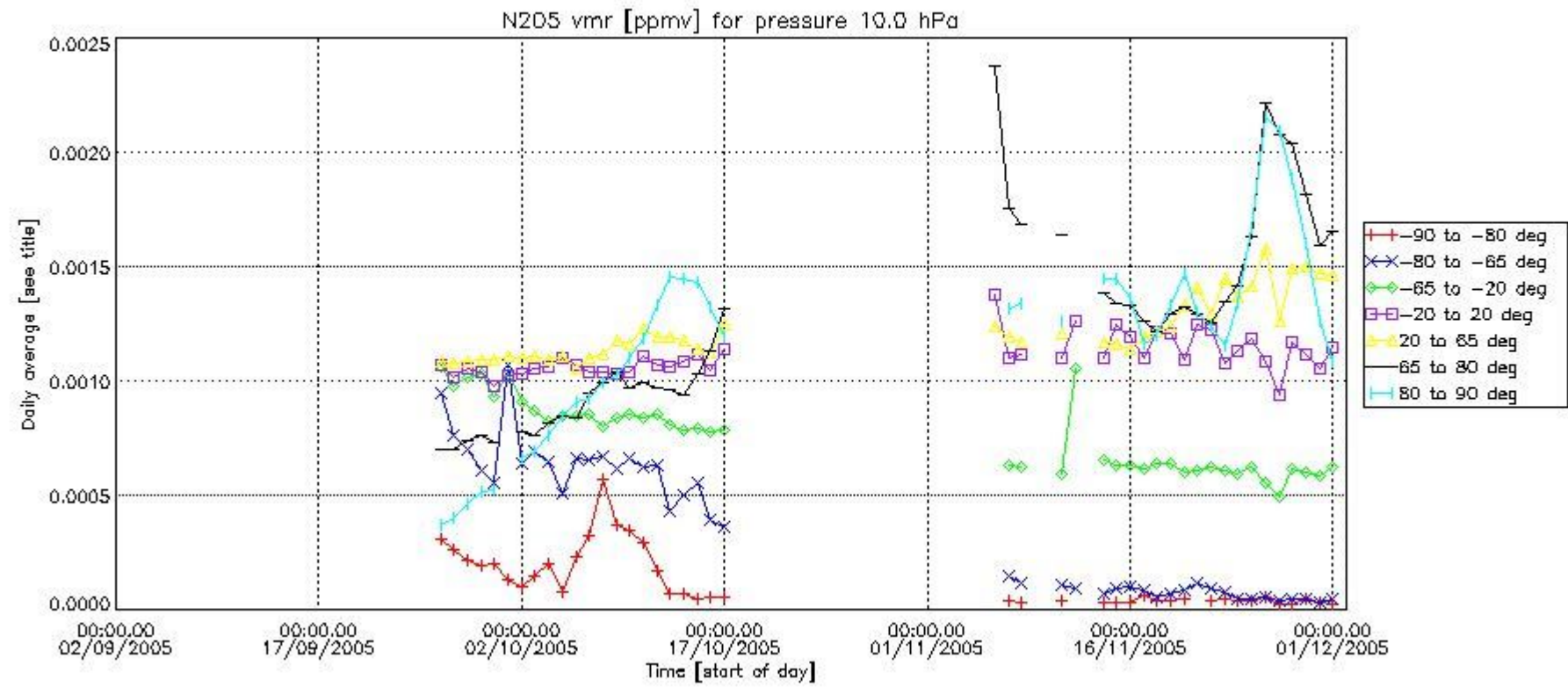


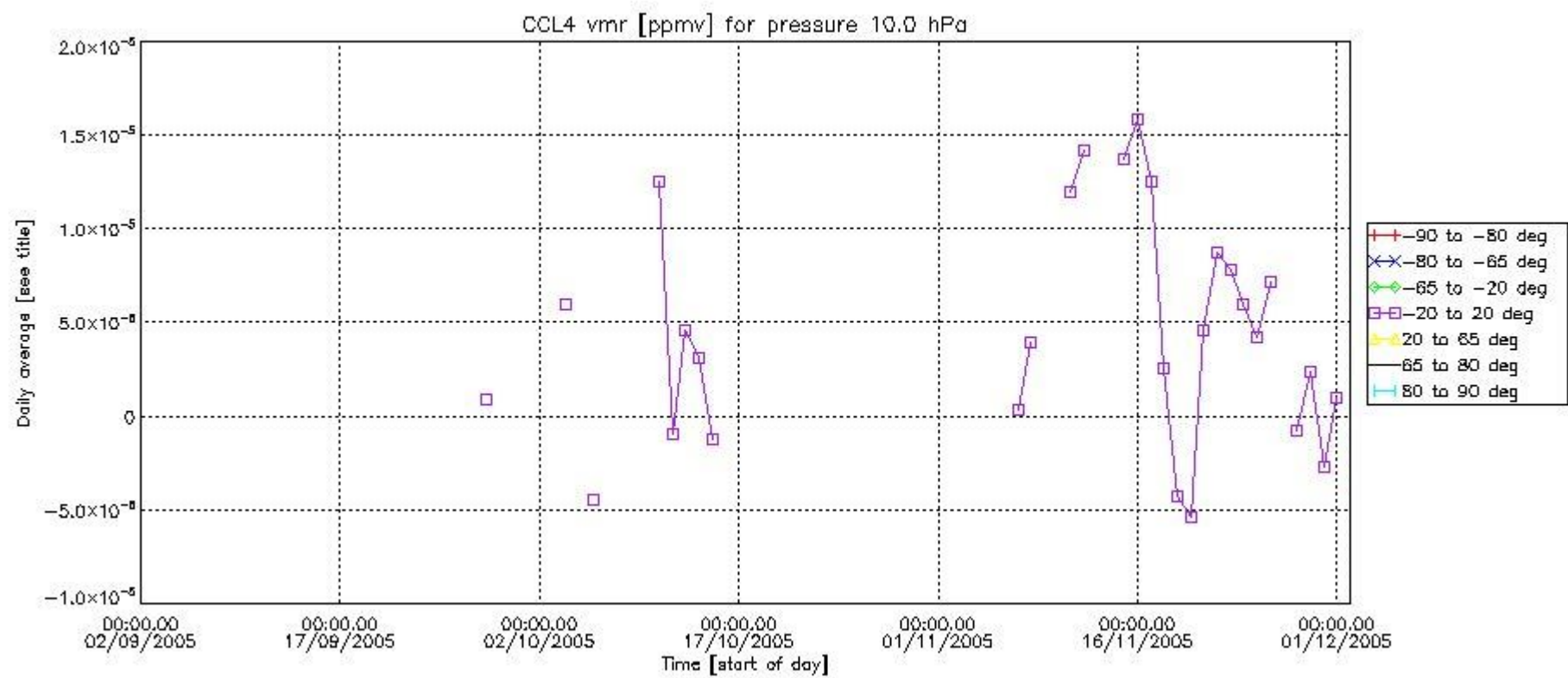
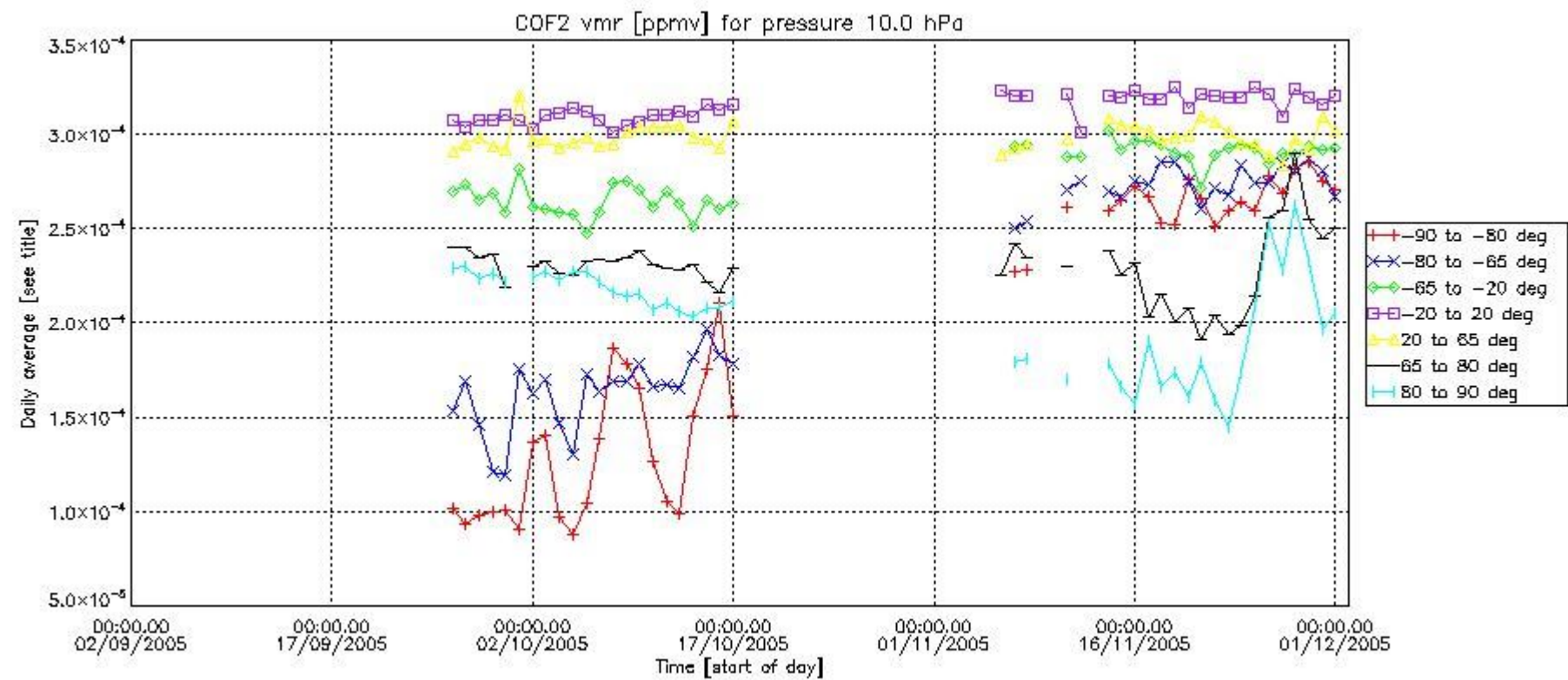


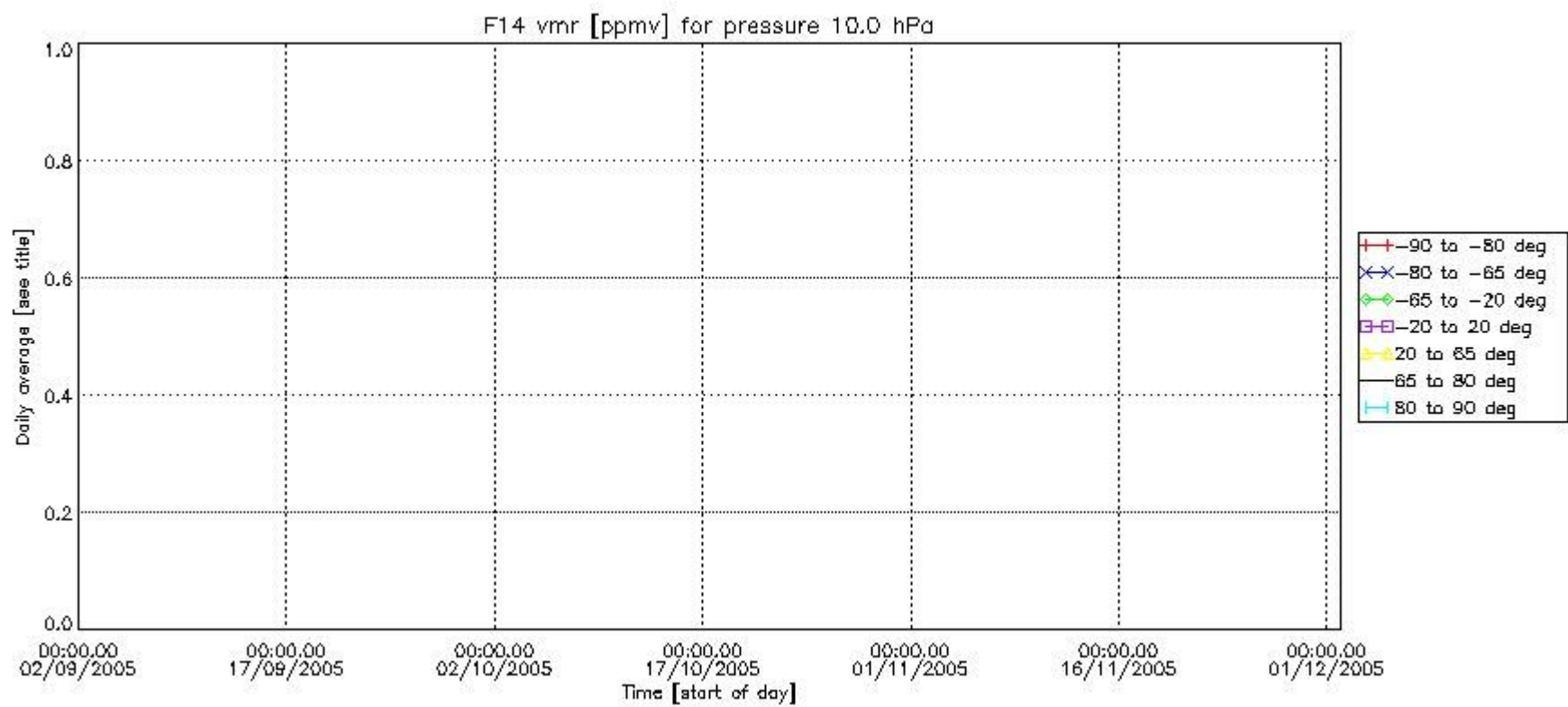
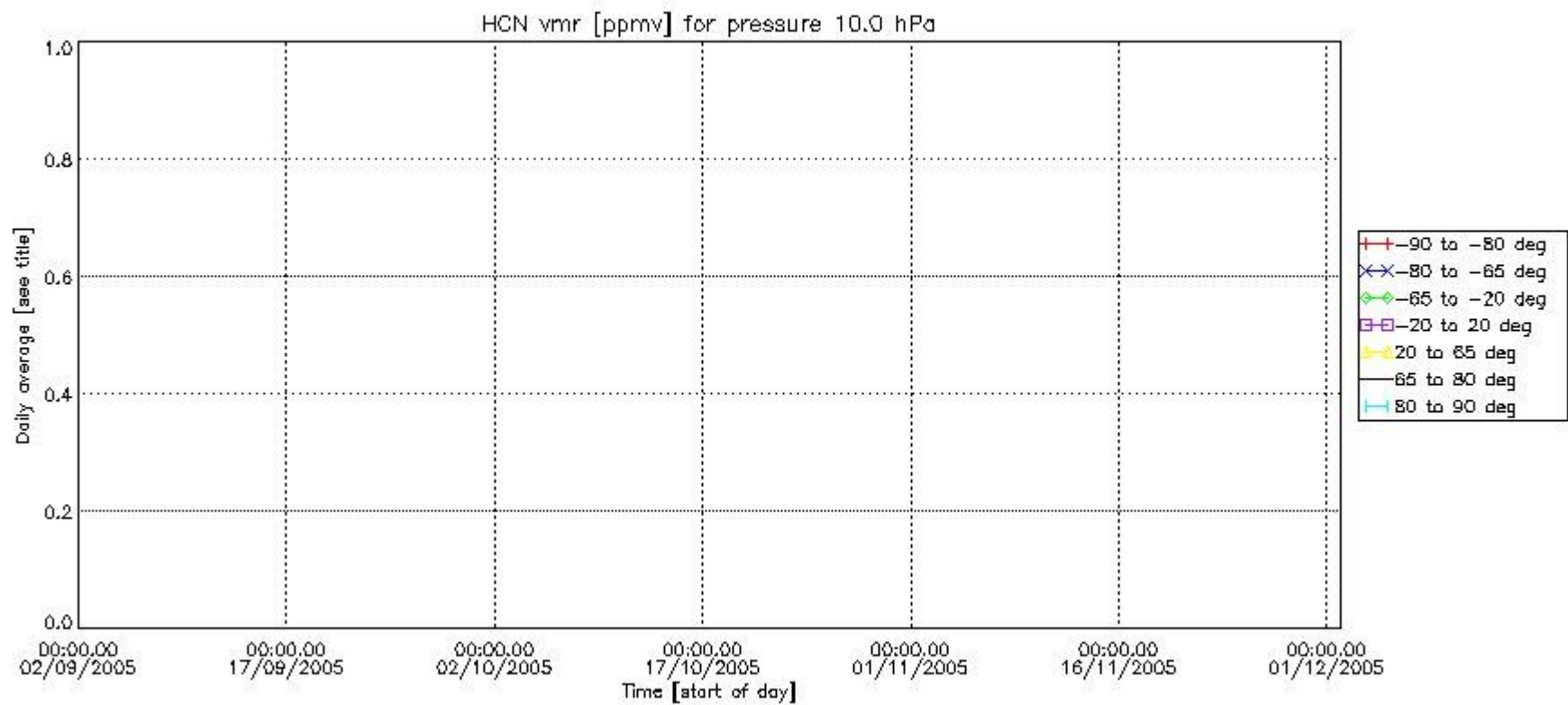


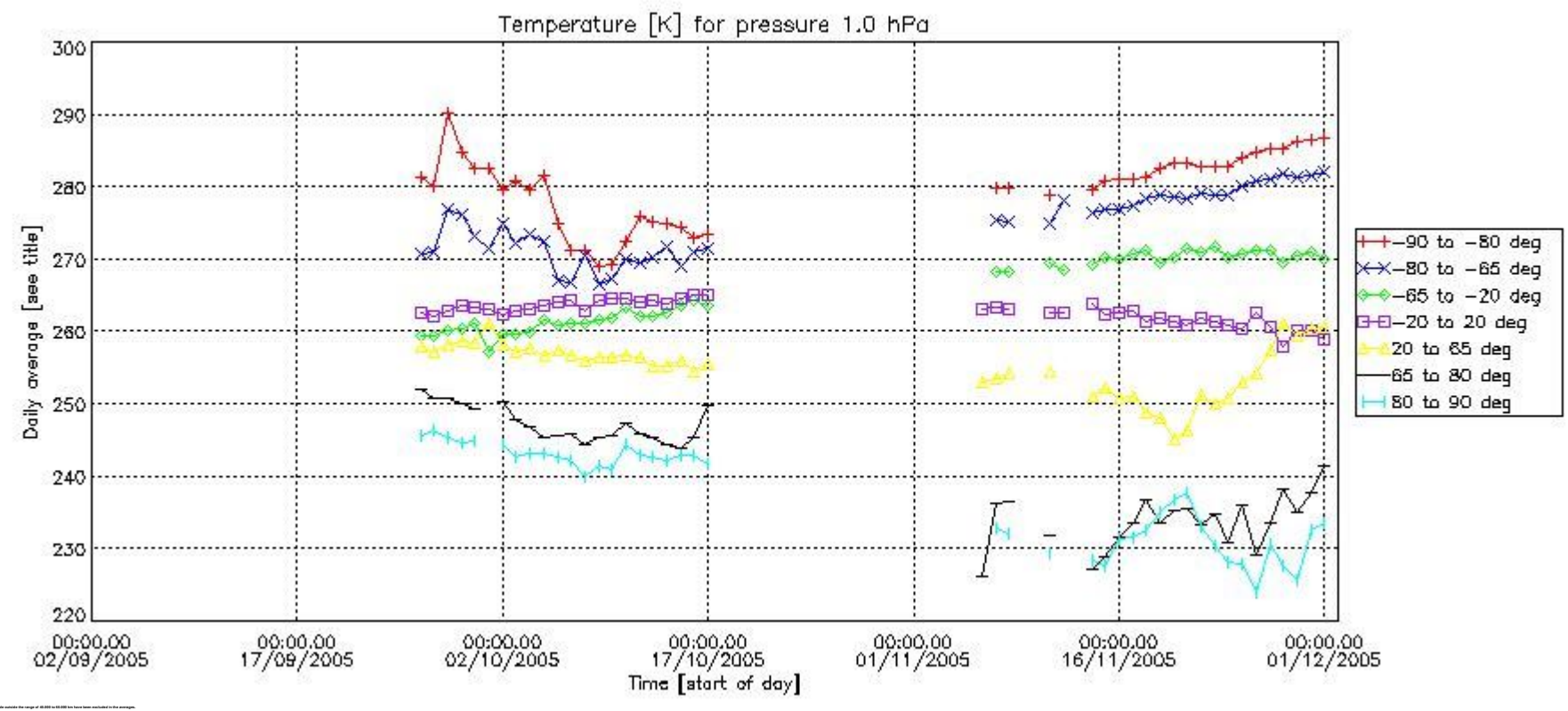
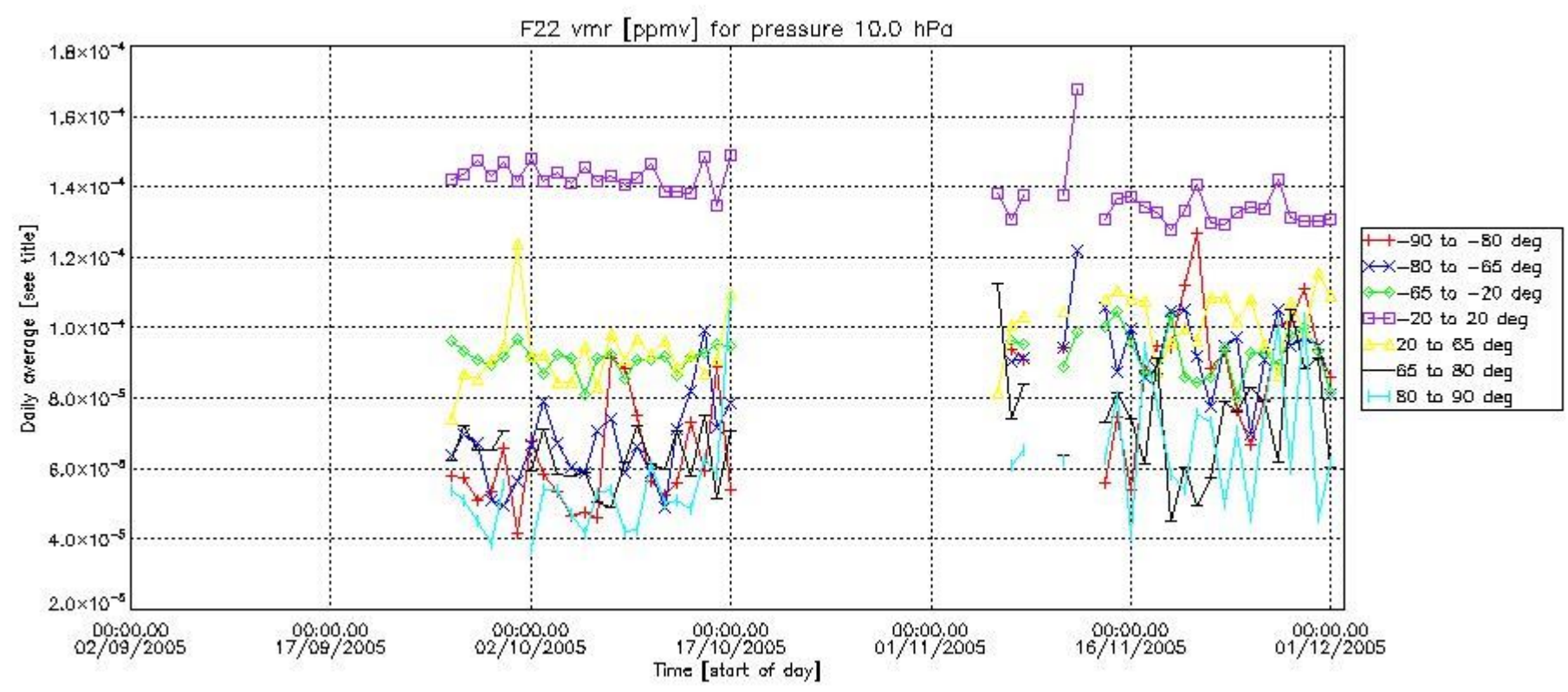


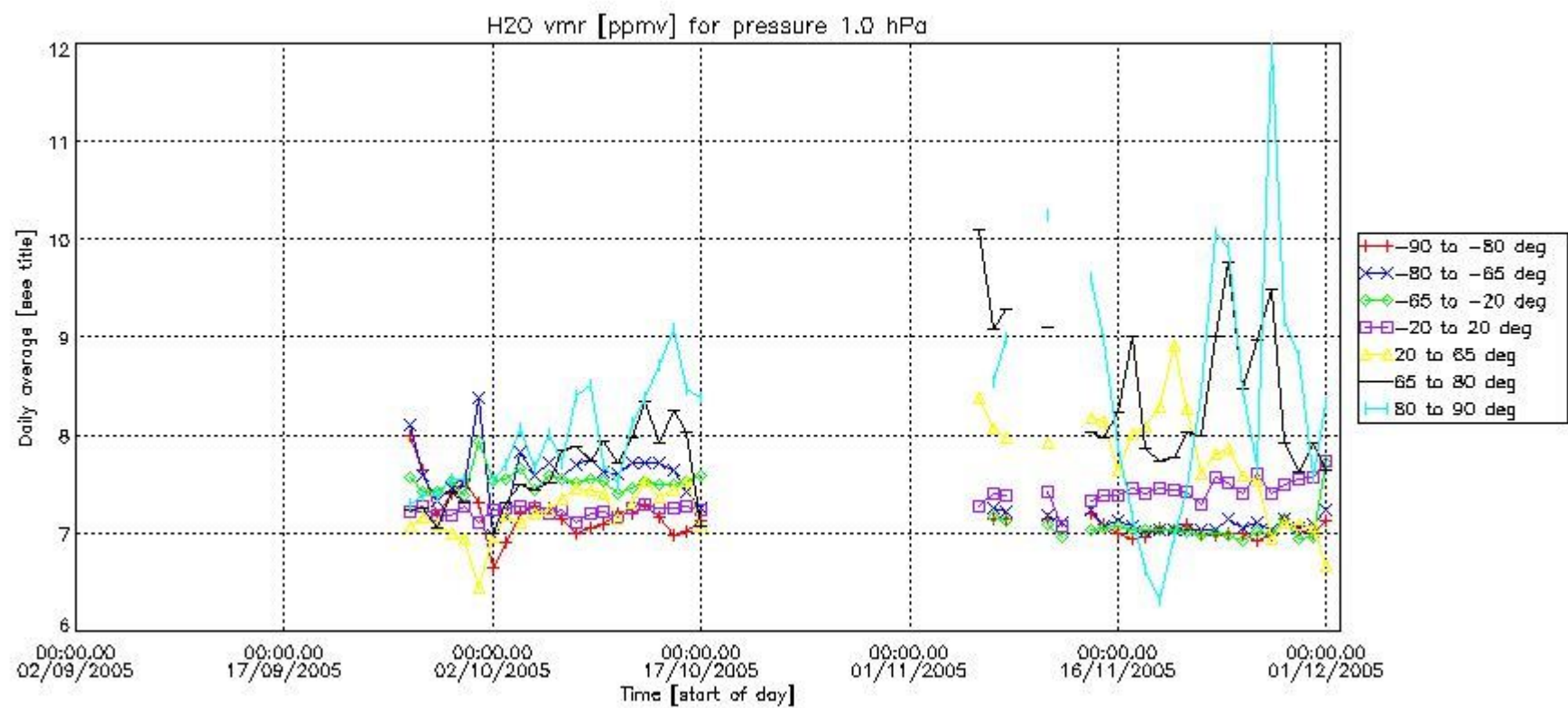
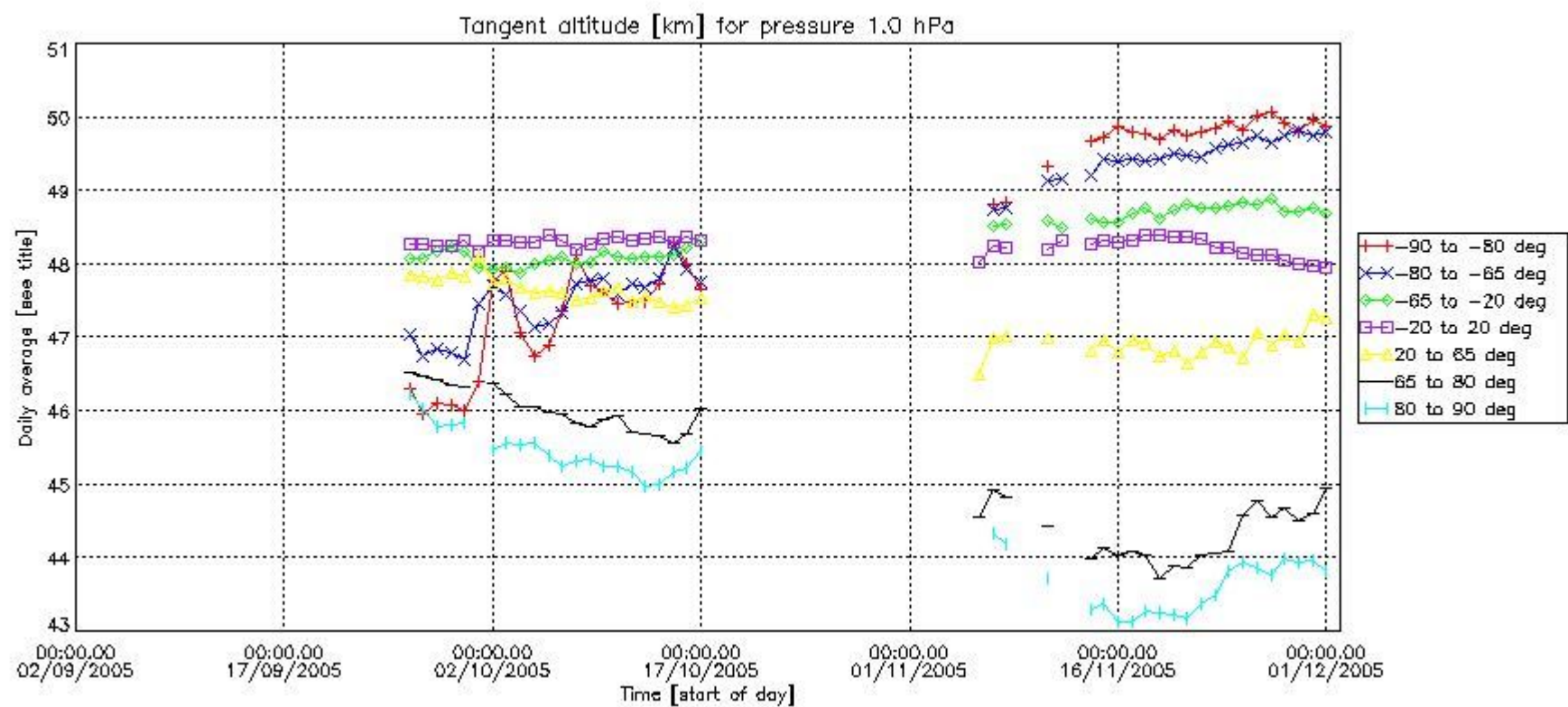


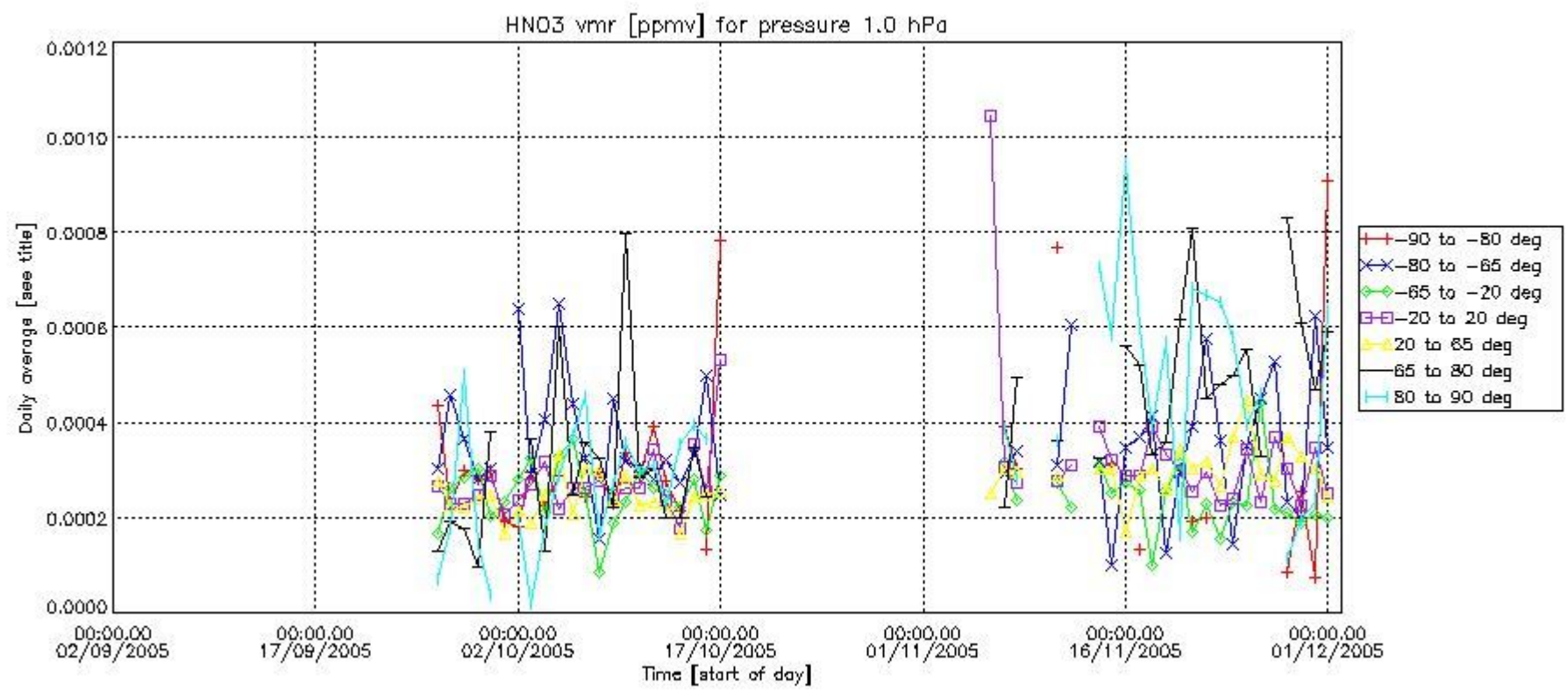
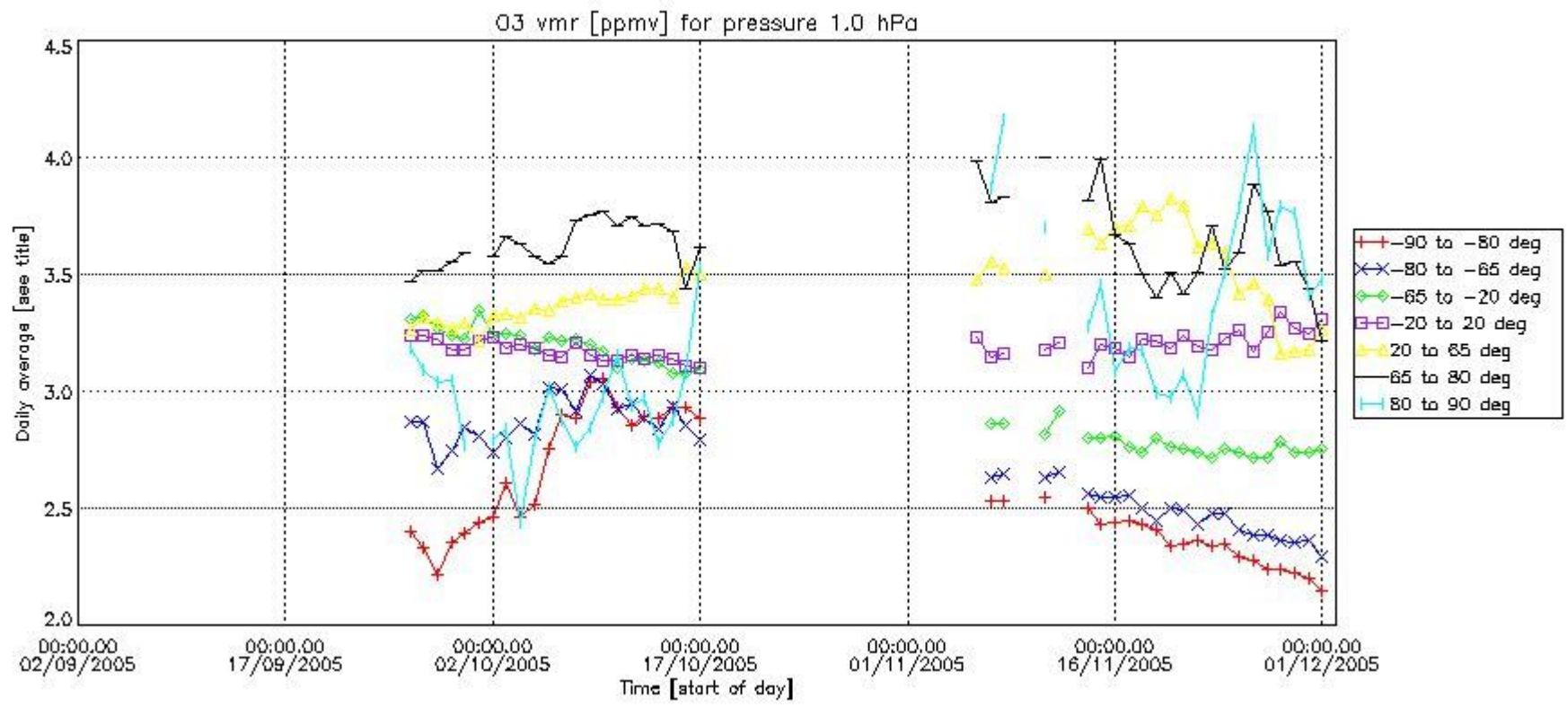


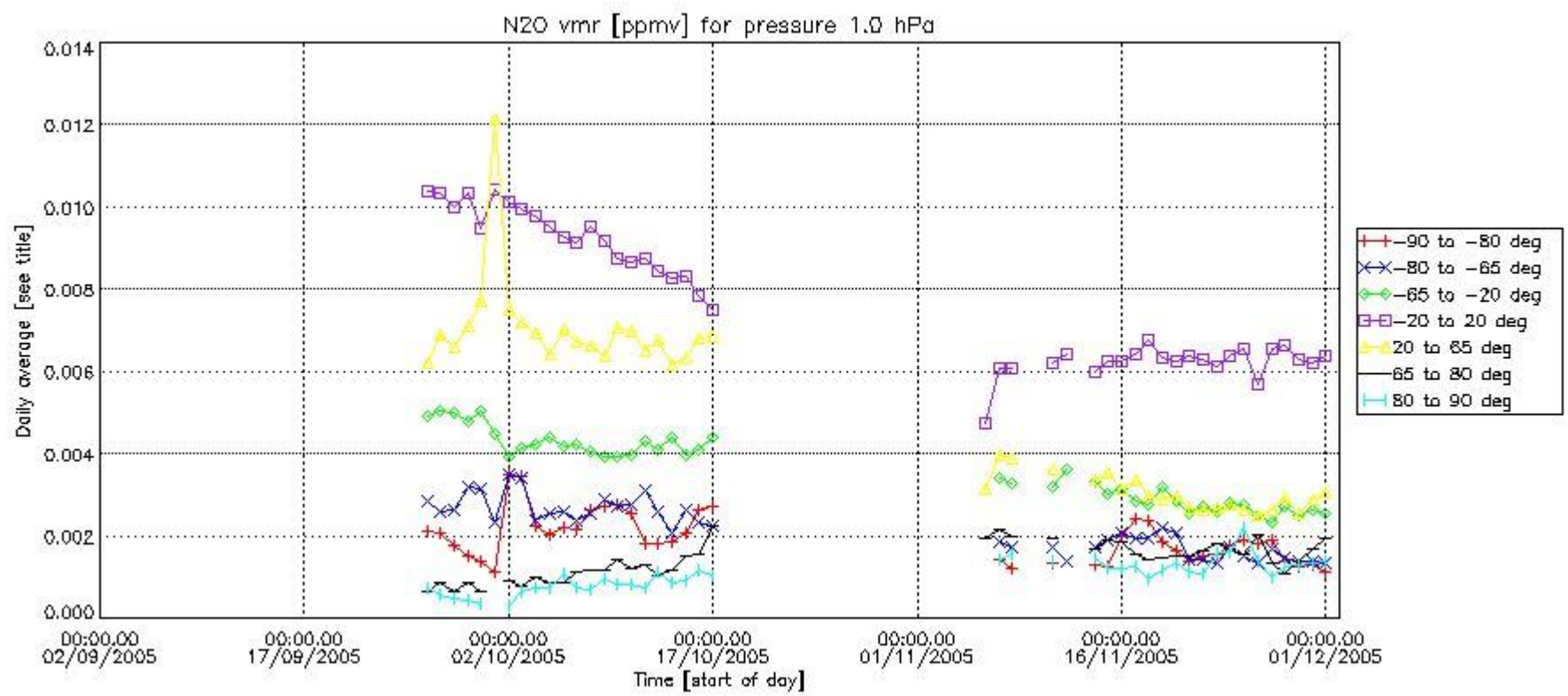
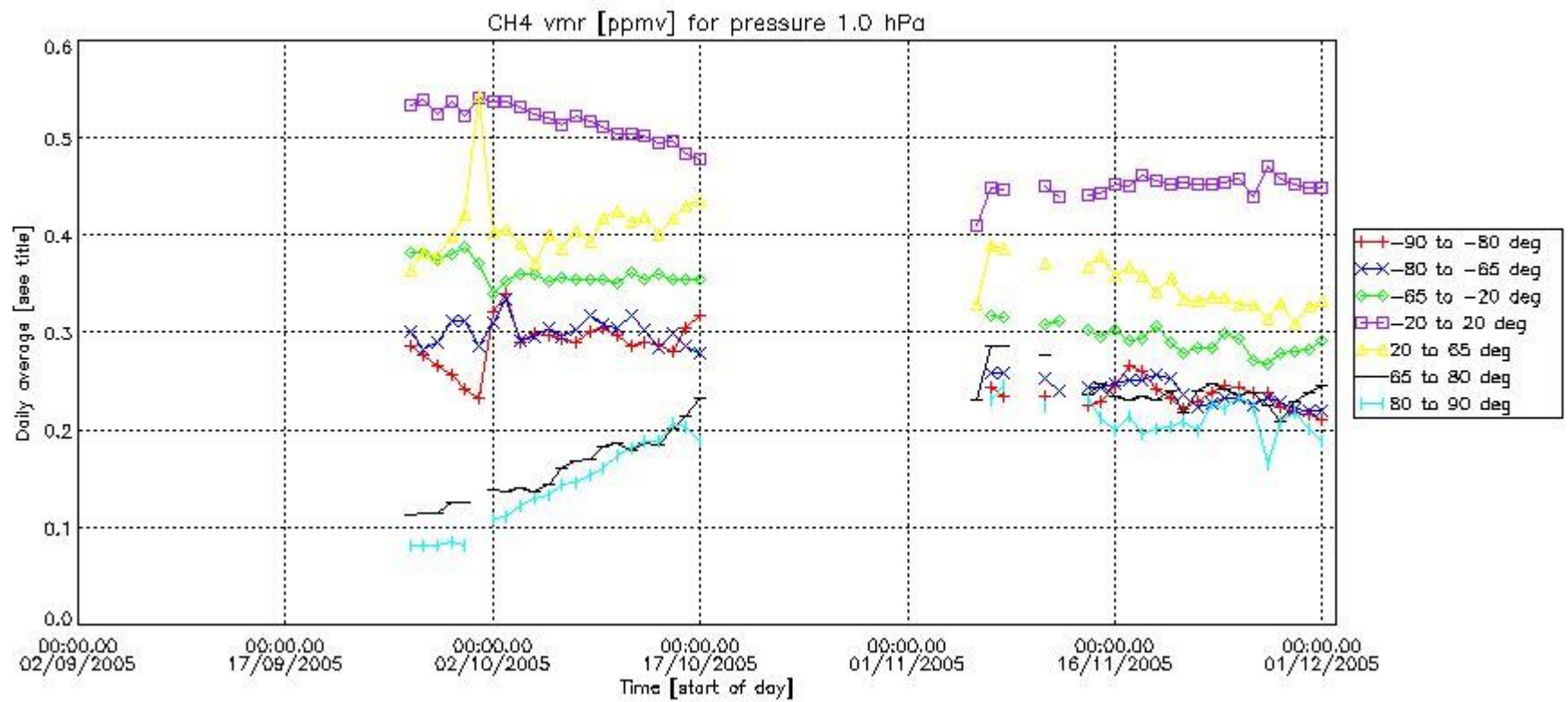


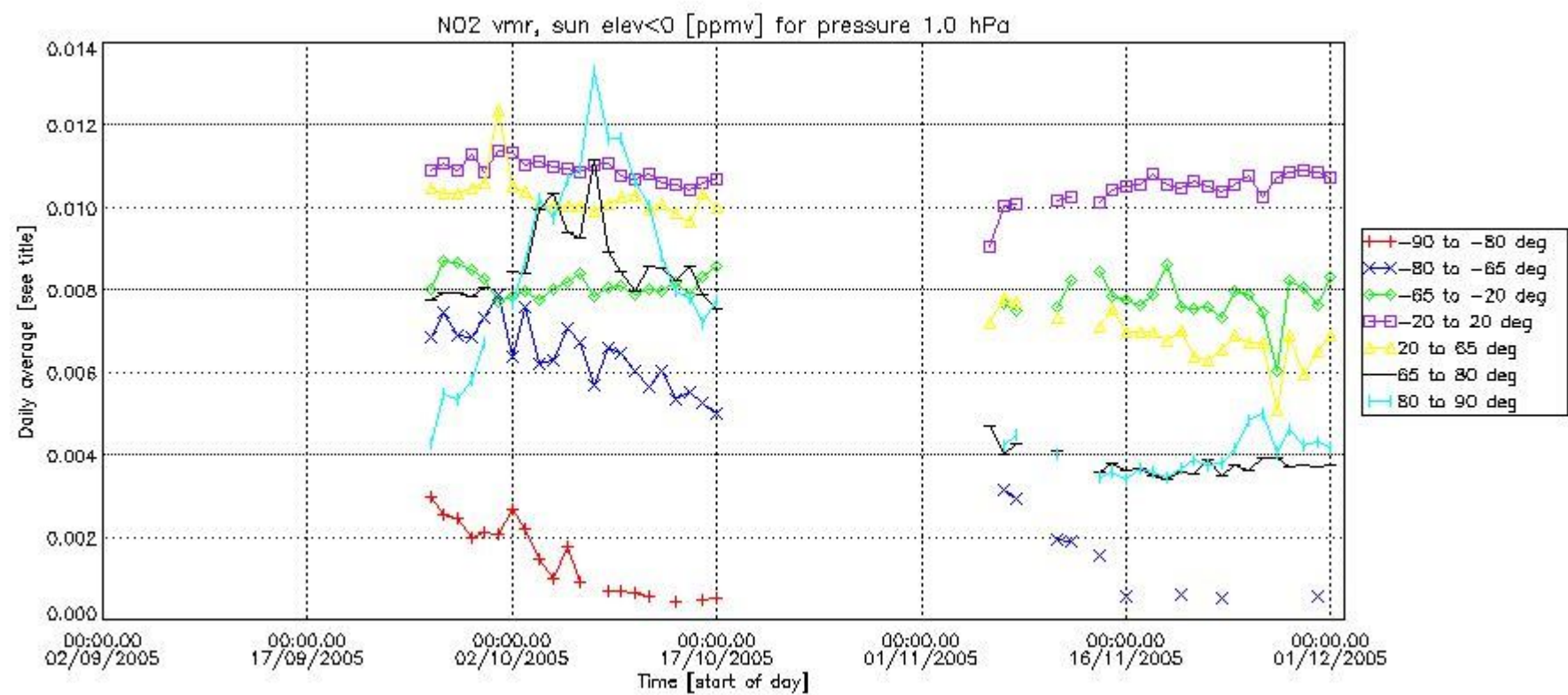
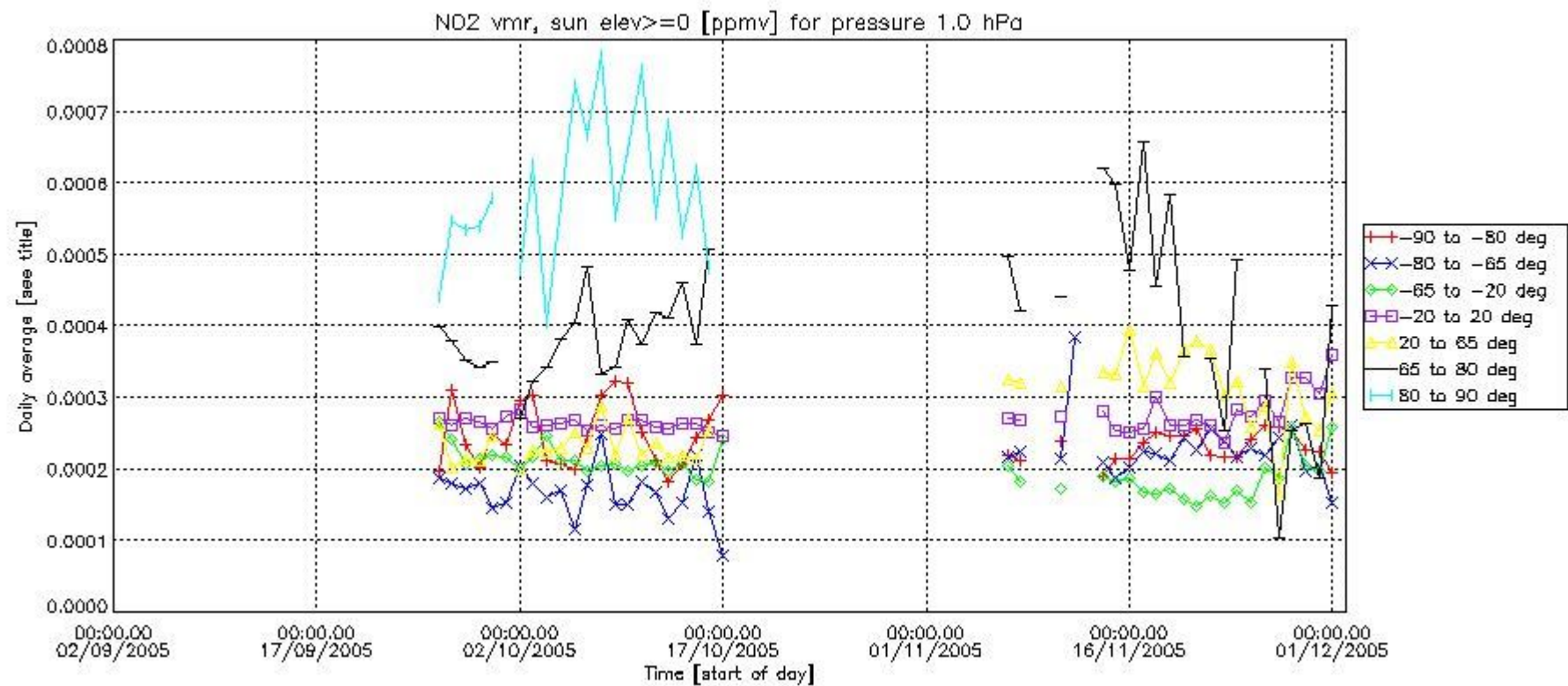


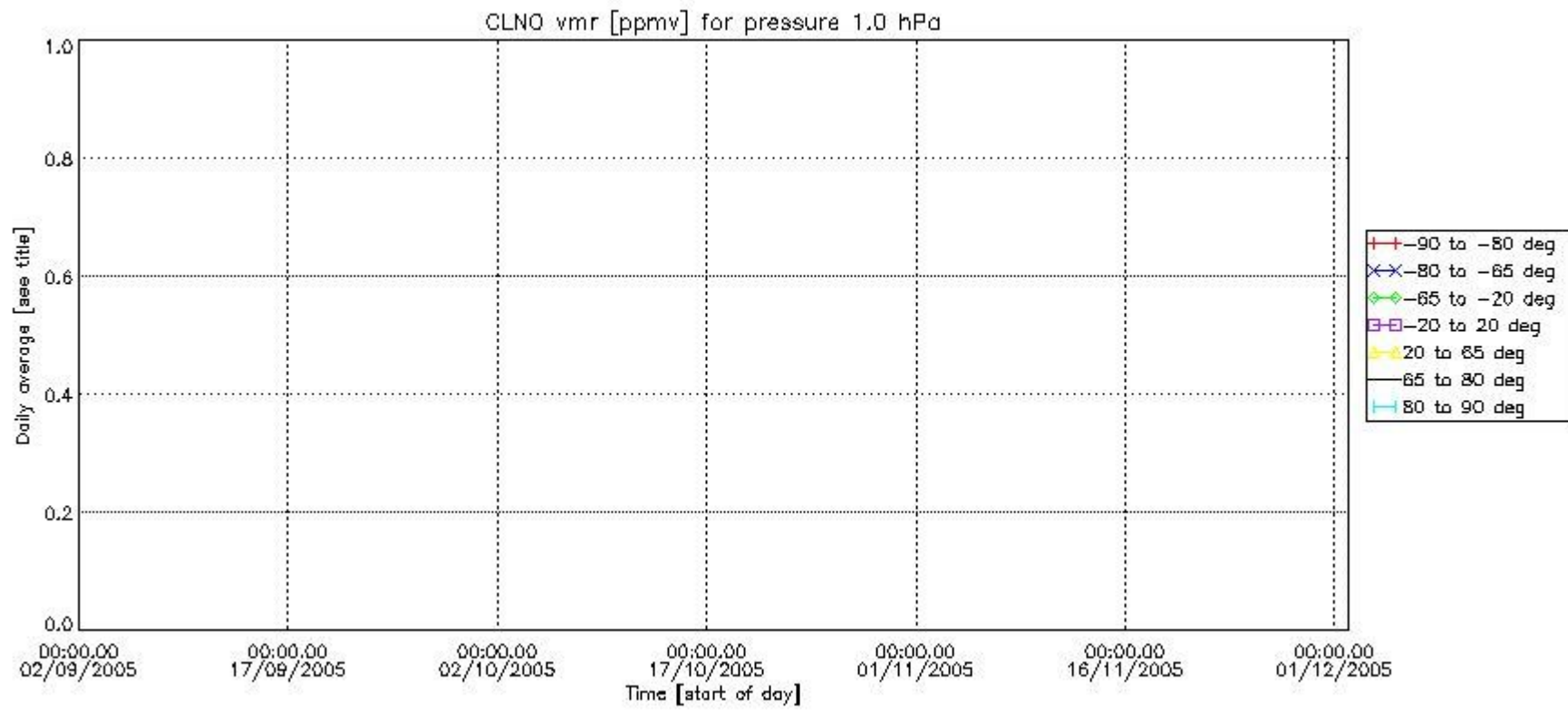
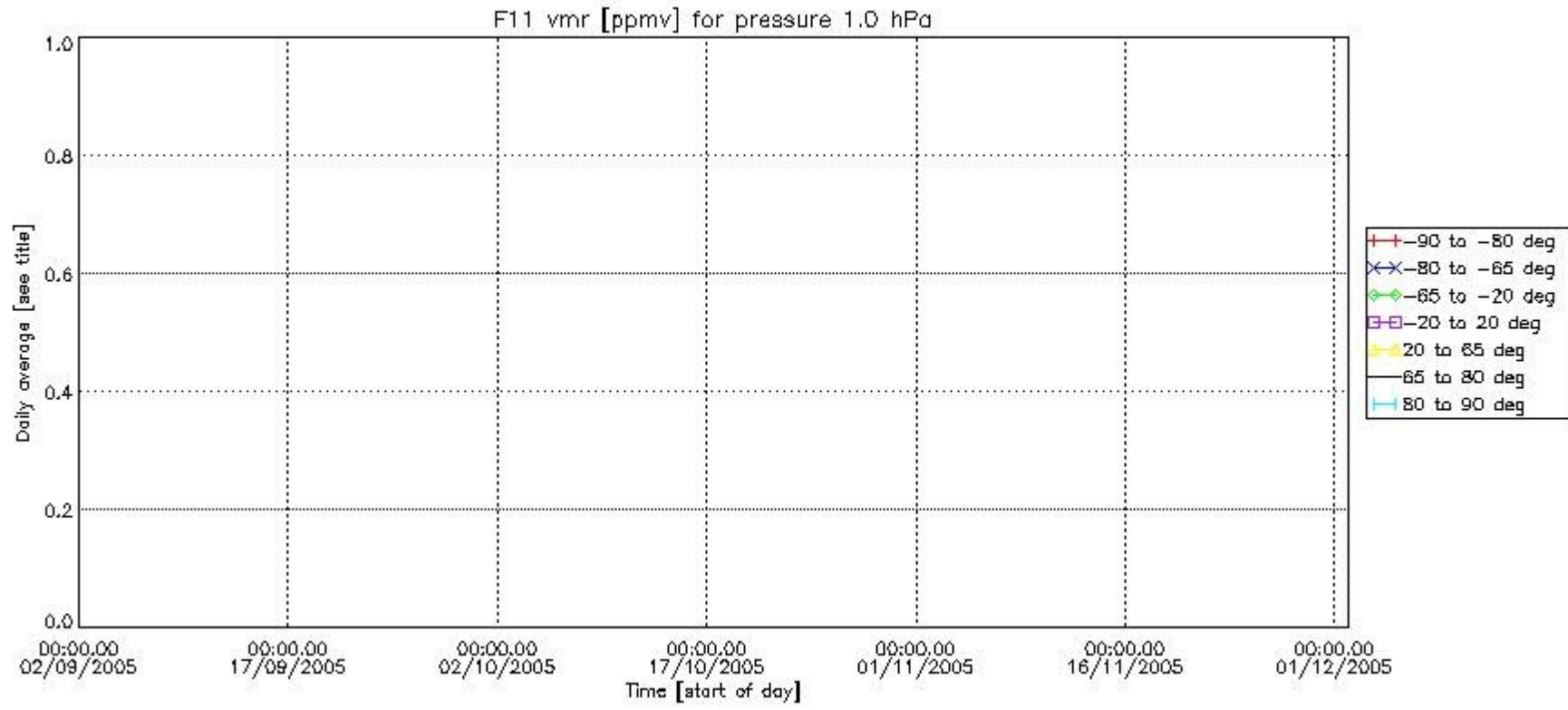


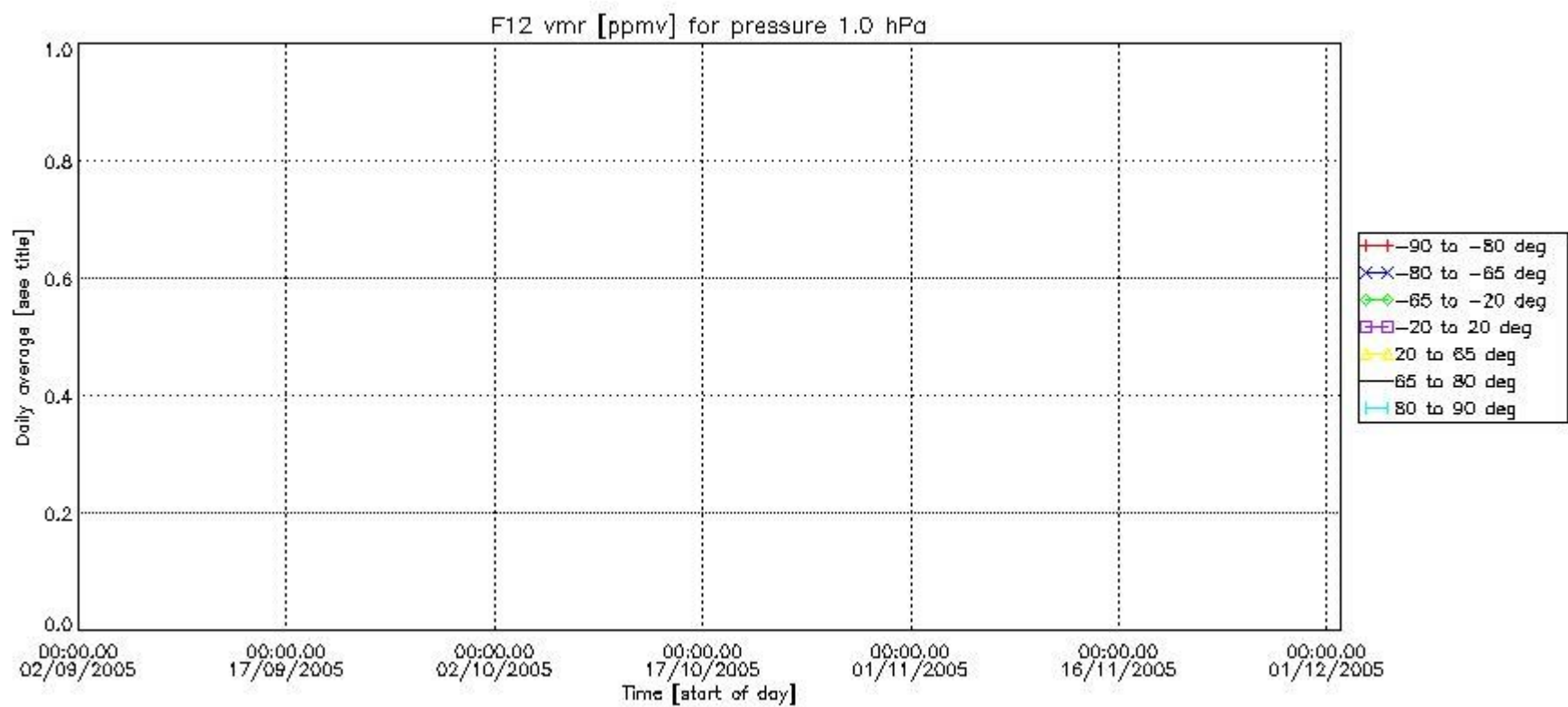
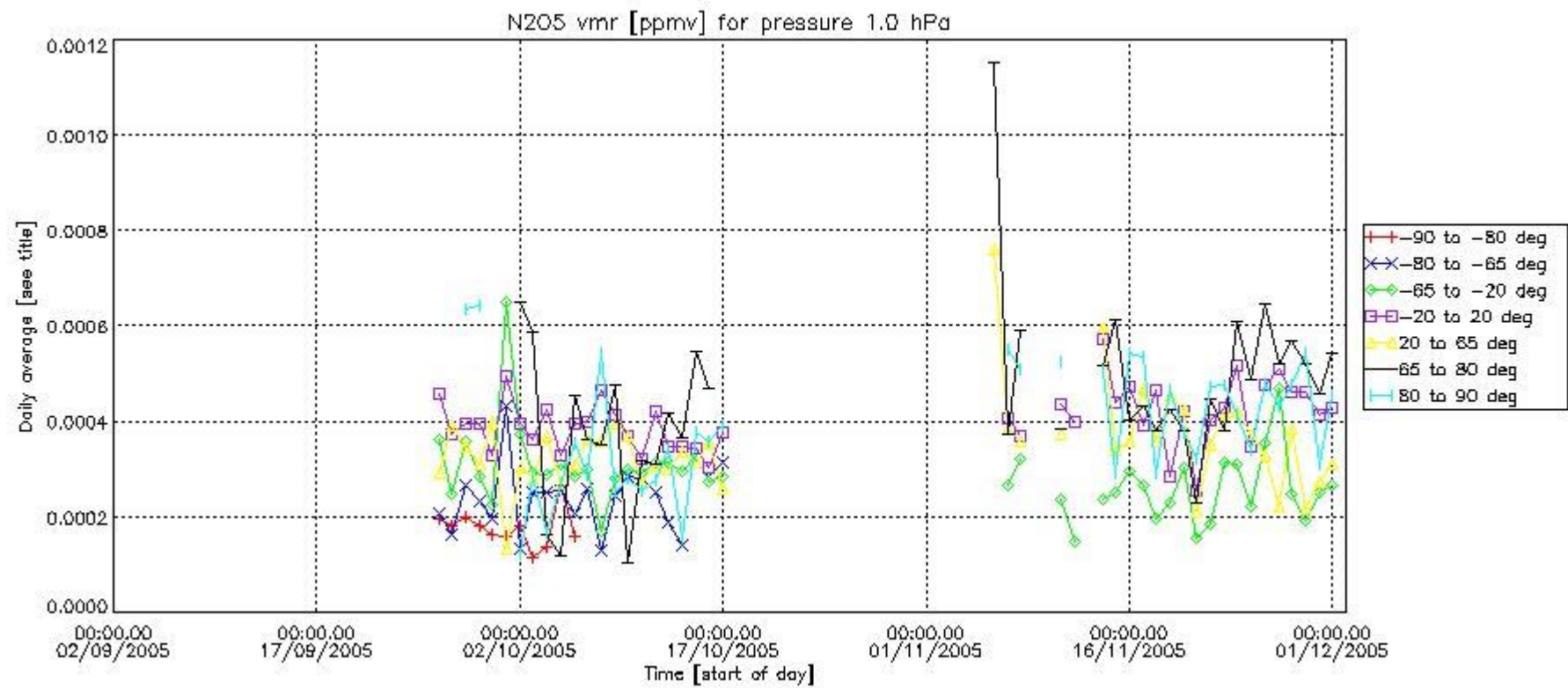


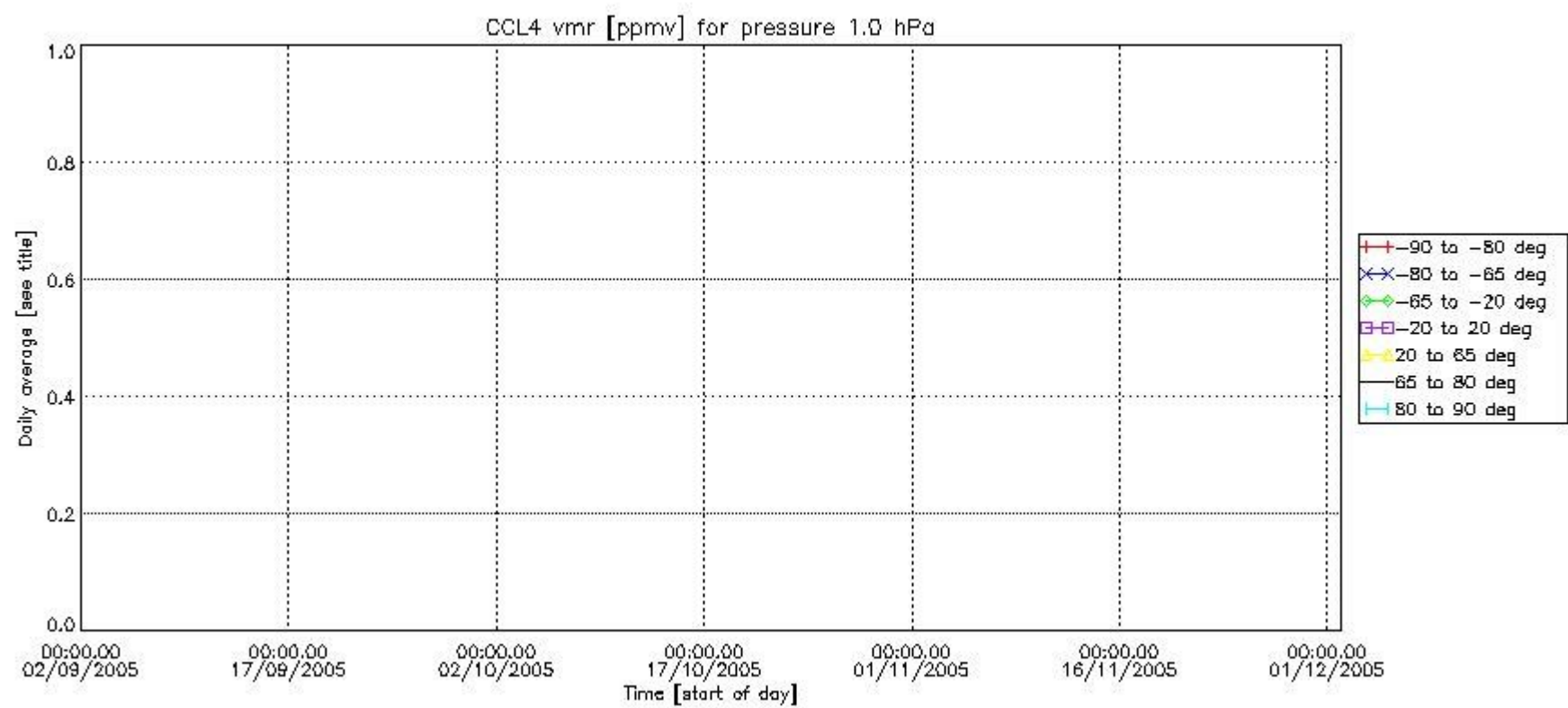
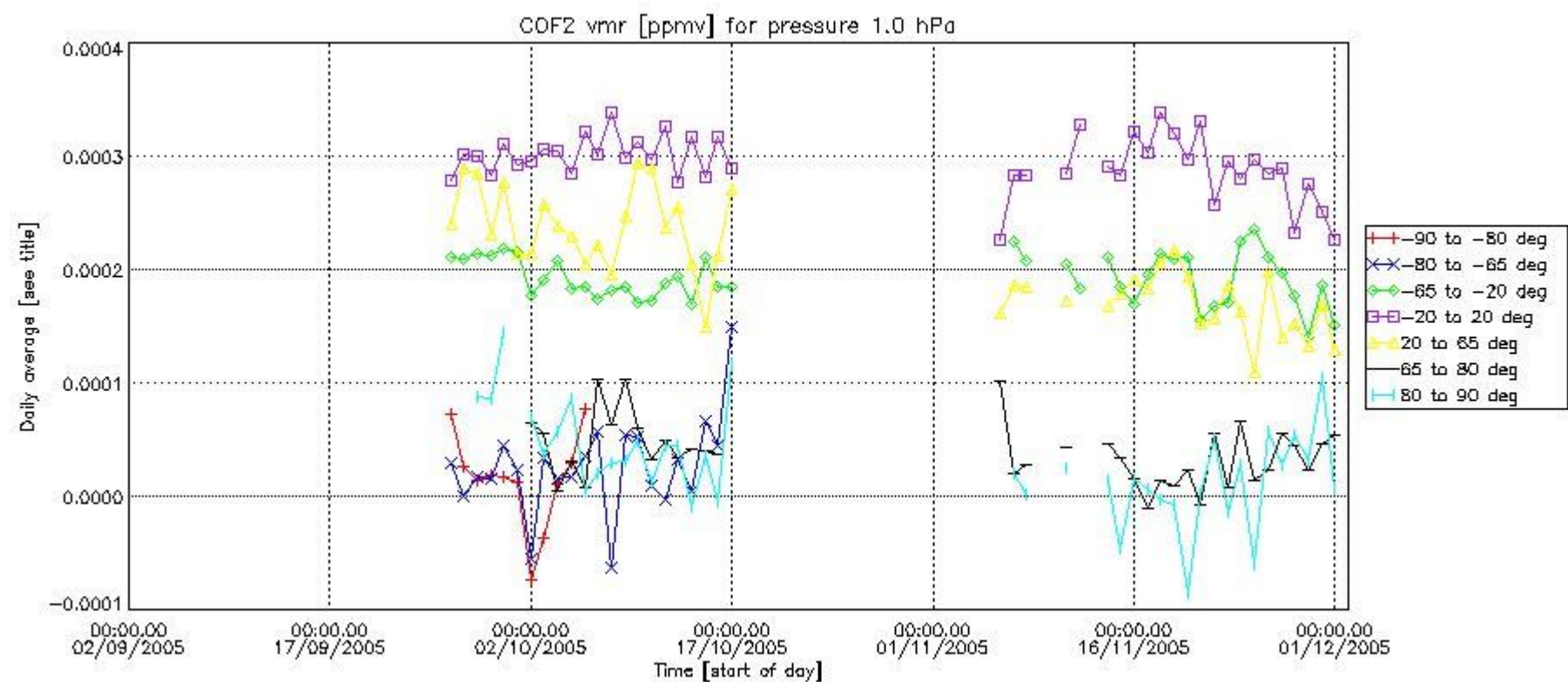


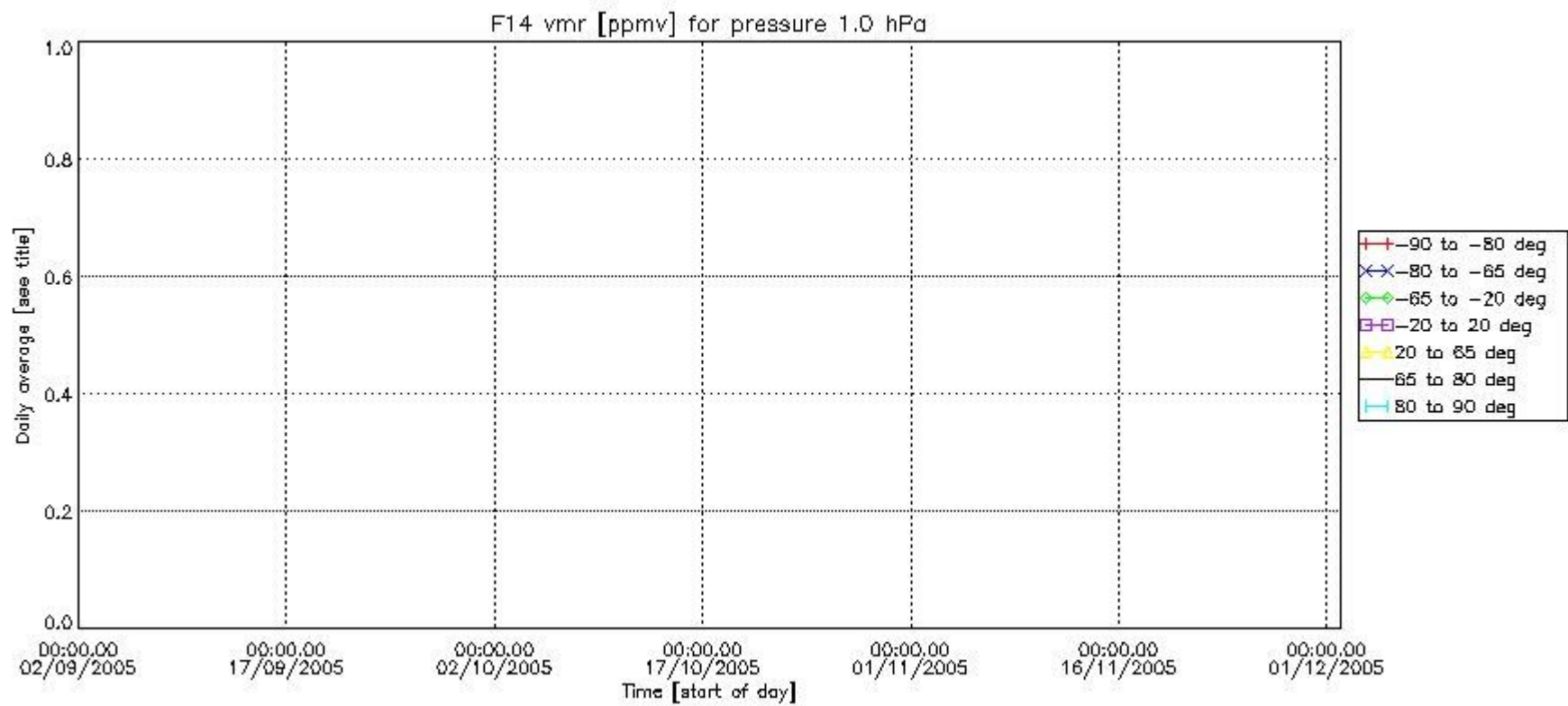
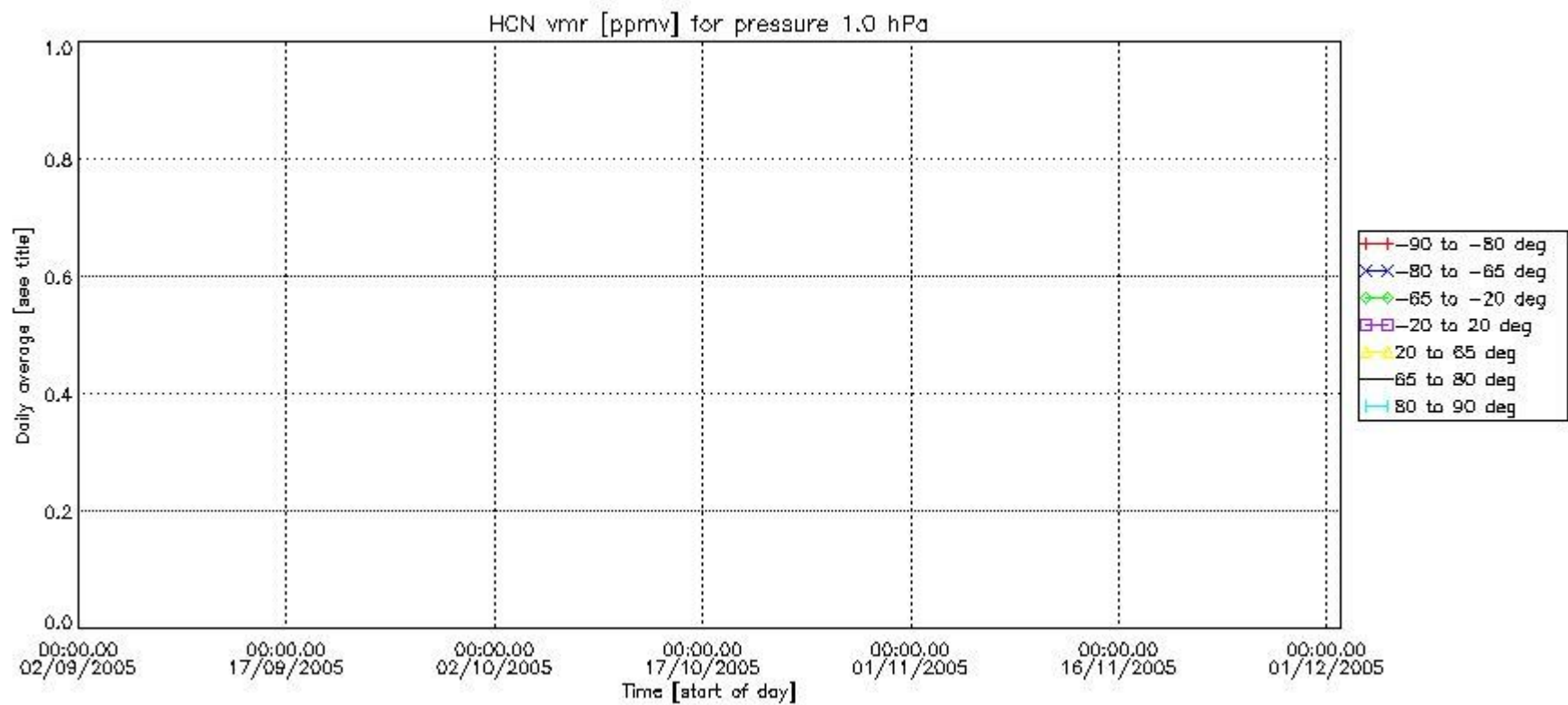


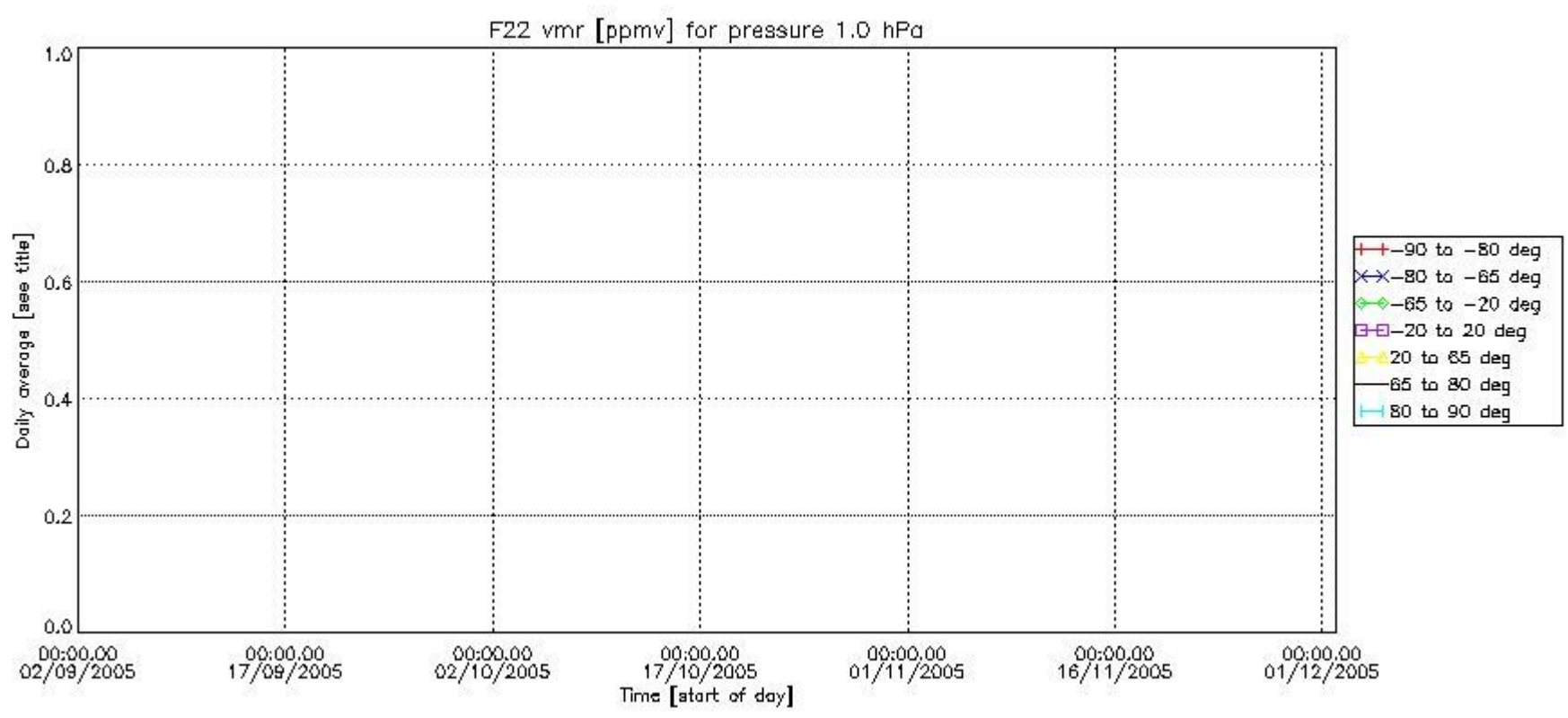












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

