

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20051130.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 17:13:45
Data source version	ML2PP/7.03-W
Processing scope for products	30NOV2005 00:00:00 to 01DEC2005 00:00:00
Start time of first product within scope	29NOV2005 23:12:47
Stop time of last product within scope	30NOV2005 14:22:43
Total number of level 2 products	6
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__2PWDSI20051129_231247_000055232043_00016_19609_1000.N1	29NOV2005 23:12:47	30NOV2005 00:44:51	0	122/122	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
1	MIP_NL__2PWDSI20051130_004957_000059922043_00017_19610_1000.N1	30NOV2005 00:49:57	30NOV2005 02:29:49	0	132/132	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:2; H2O/micro:1]
2	MIP_NL__2PWDSI20051130_022955_000005202043_00018_19611_1000.N1	30NOV2005 02:29:55	30NOV2005 02:38:35	0	12/12	
3	MIP_NL__2PWDSI20051130_105658_000055232043_00023_19616_1000.N1	30NOV2005 10:56:58	30NOV2005 12:29:01	0	122/122	VMR_TERM_MACRO_MICRO[HCN/macro:1]
4	MIP_NL__2PWDSI20051130_123409_000060312043_00024_19617_1000.N1	30NOV2005 12:34:09	30NOV2005 14:14:40	0	115/115	VMR_TERM_MACRO_MICRO[HCN/macro:2; CH4/micro:1; HCN/micro:1]
5	MIP_NL__2PWDSI20051130_141446_000004762043_00025_19618_1000.N1	30NOV2005 14:14:46	30NOV2005 14:22:43	0	11/11	

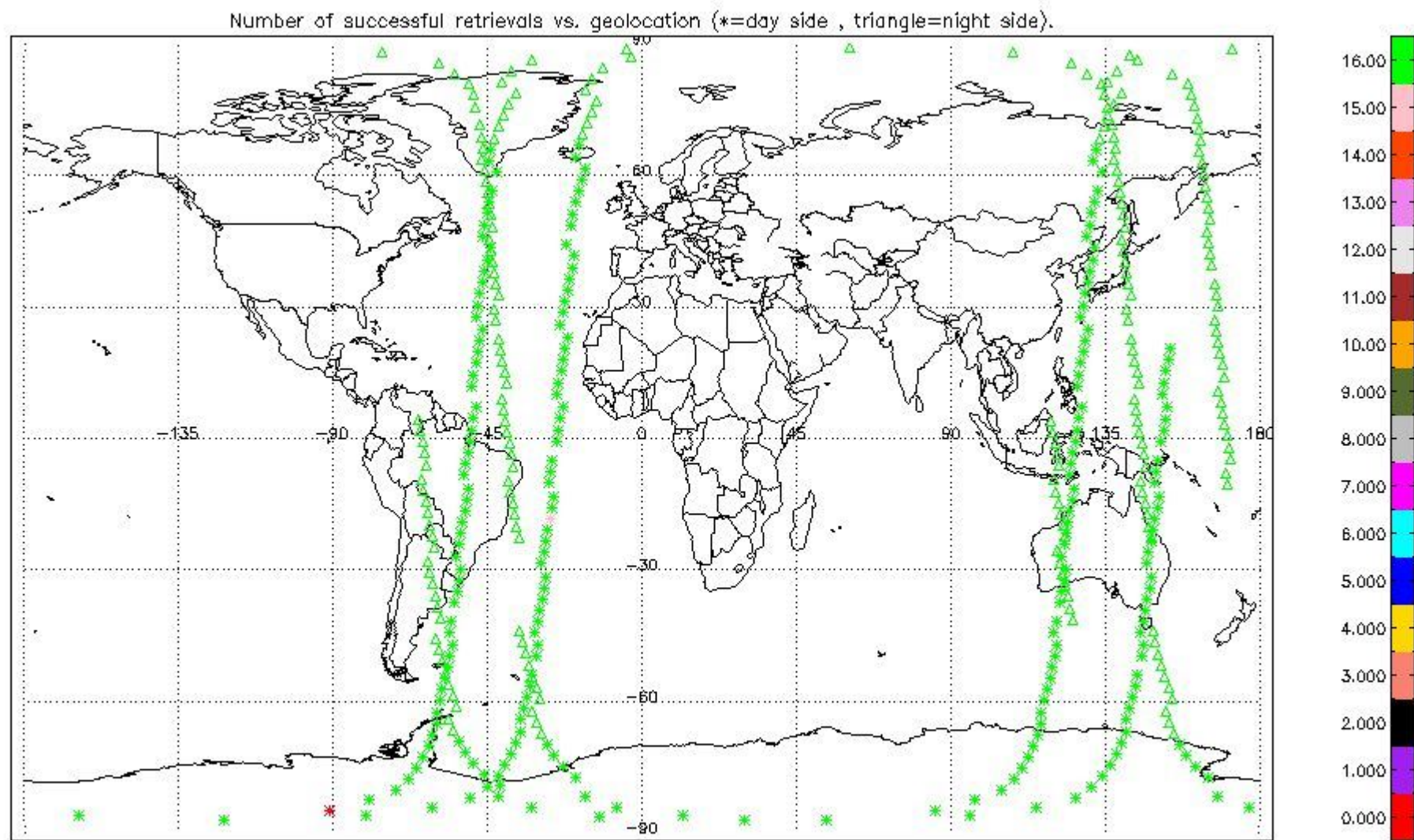
## 2.2 Processing performance indicators

### 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.

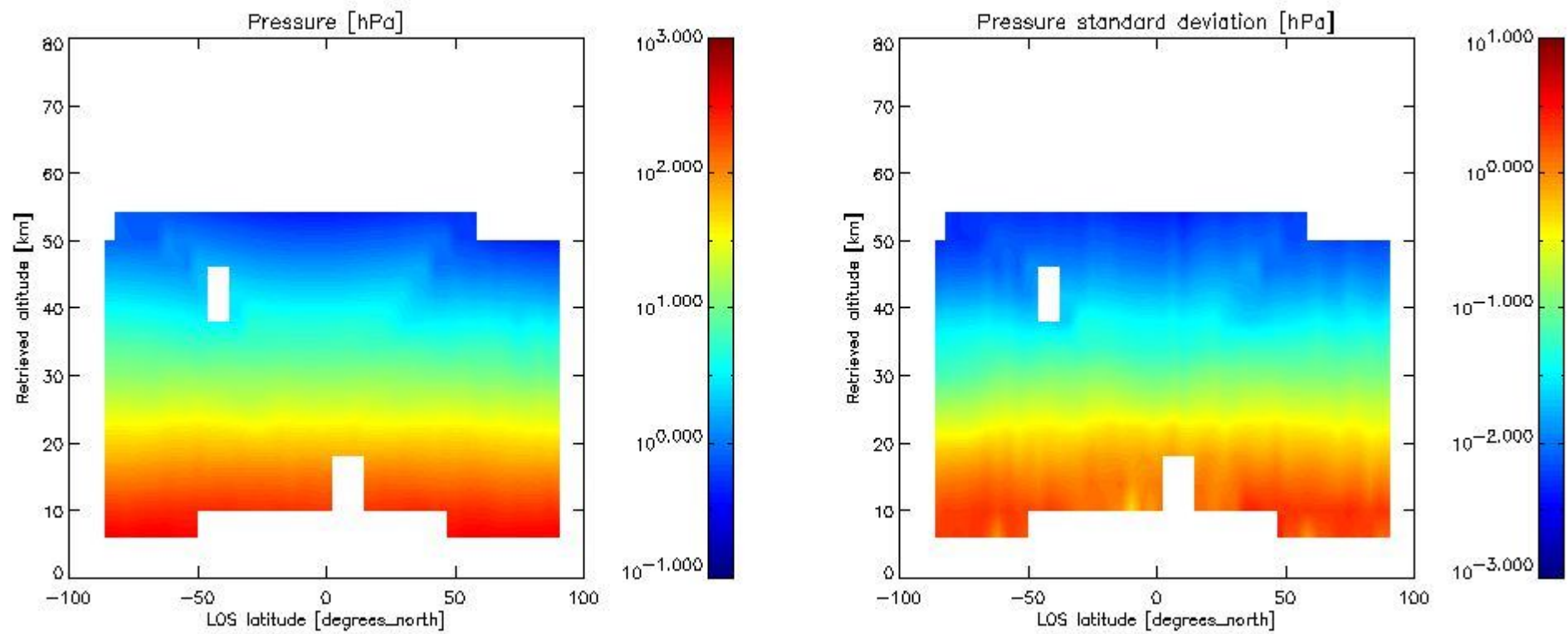
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	514	450	87.549
H2O	514	450	87.549
O3	514	450	87.549
HNO3	514	450	87.549

CH4	514	450	87.549
N2O	514	450	87.549
NO2	514	450	87.549
F11	514	450	87.549
CLNO	514	450	87.549
N2O5	514	450	87.549
F12	514	449	87.354
COF2	514	450	87.549
CCL4	514	450	87.549
HCN	514	450	87.549
F14	514	450	87.549
F22	514	450	87.549



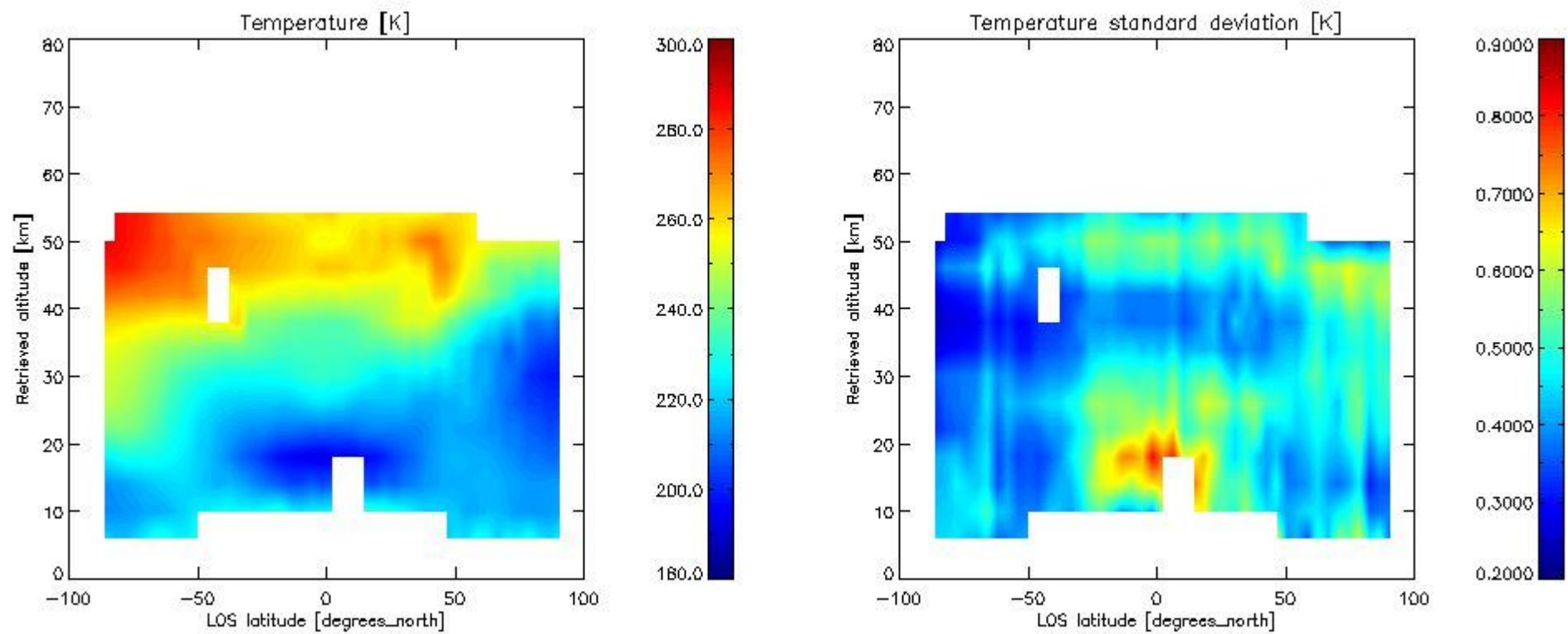
## 2.2.2 Pressure overview

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

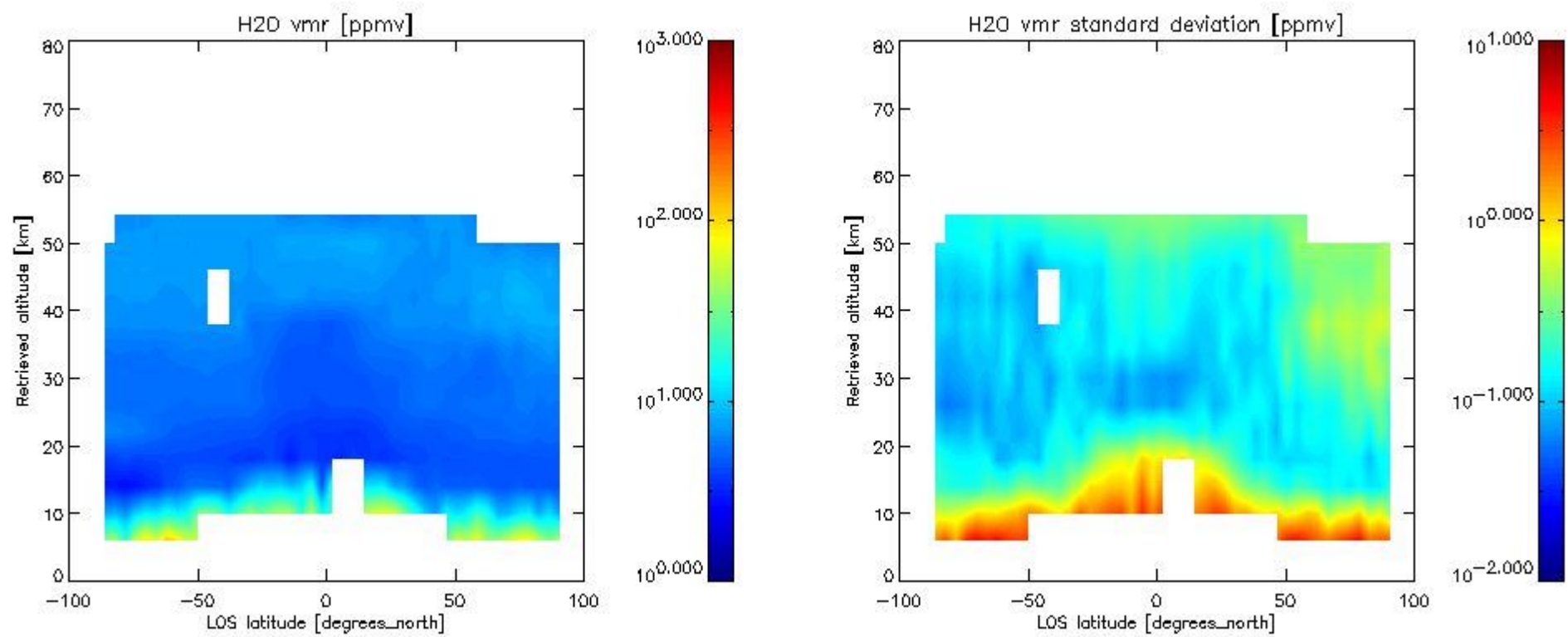
This section shows values (left) and error (right) for temperature after binning individual sweep values over retrieved altitude and tangent latitude.



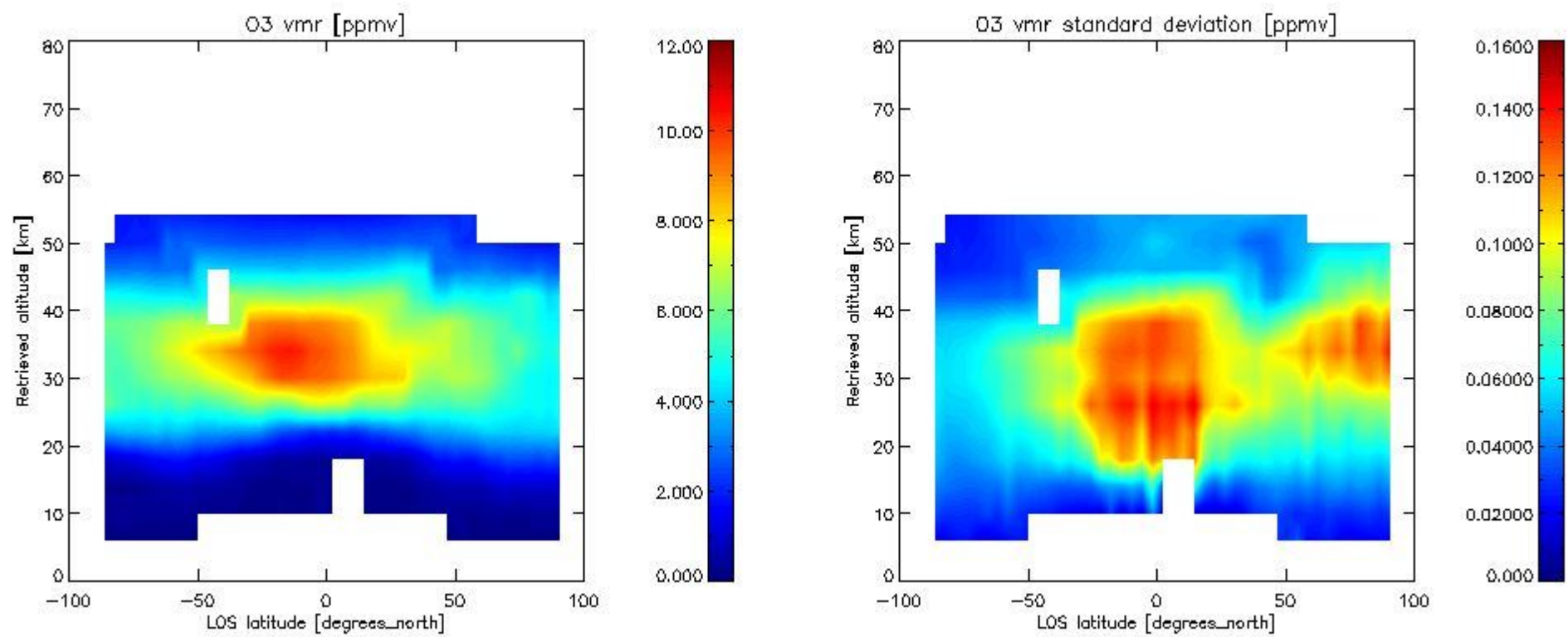
### 2.2.4 Species overview

**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.

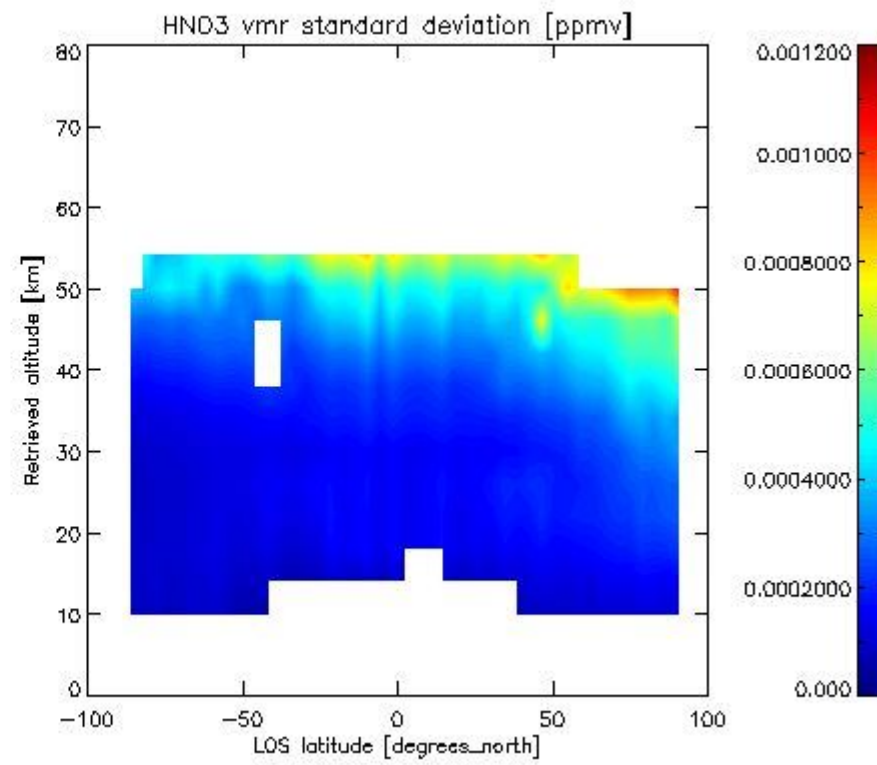
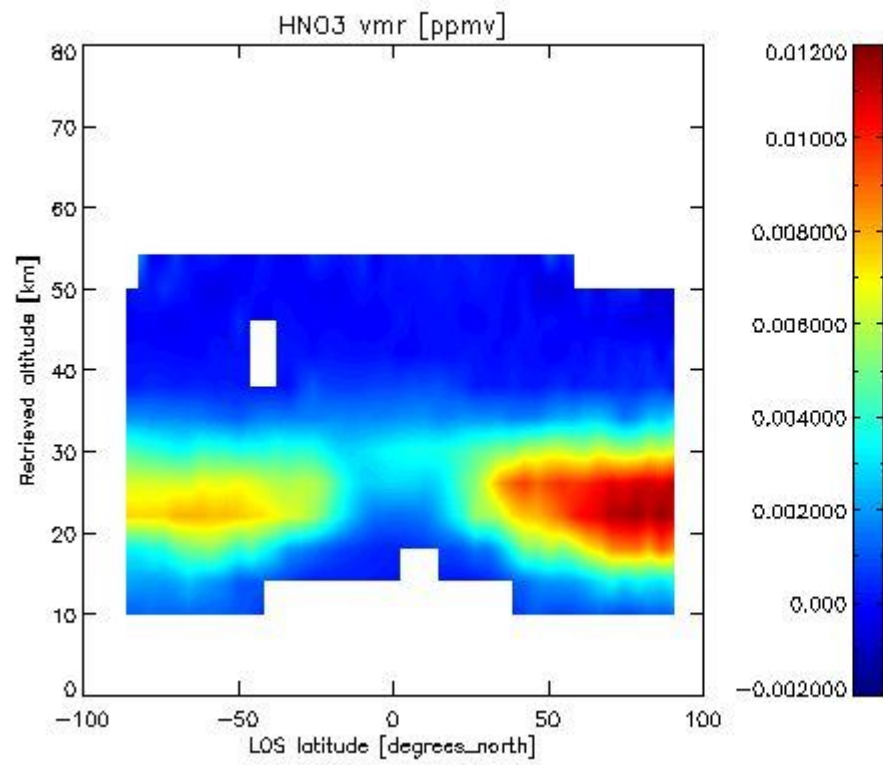




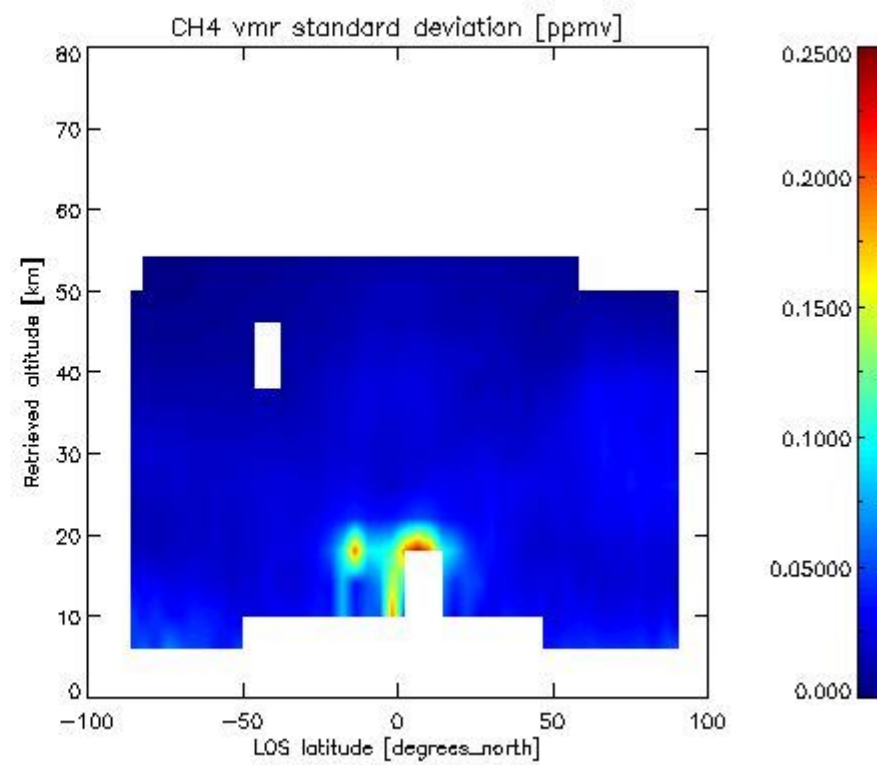
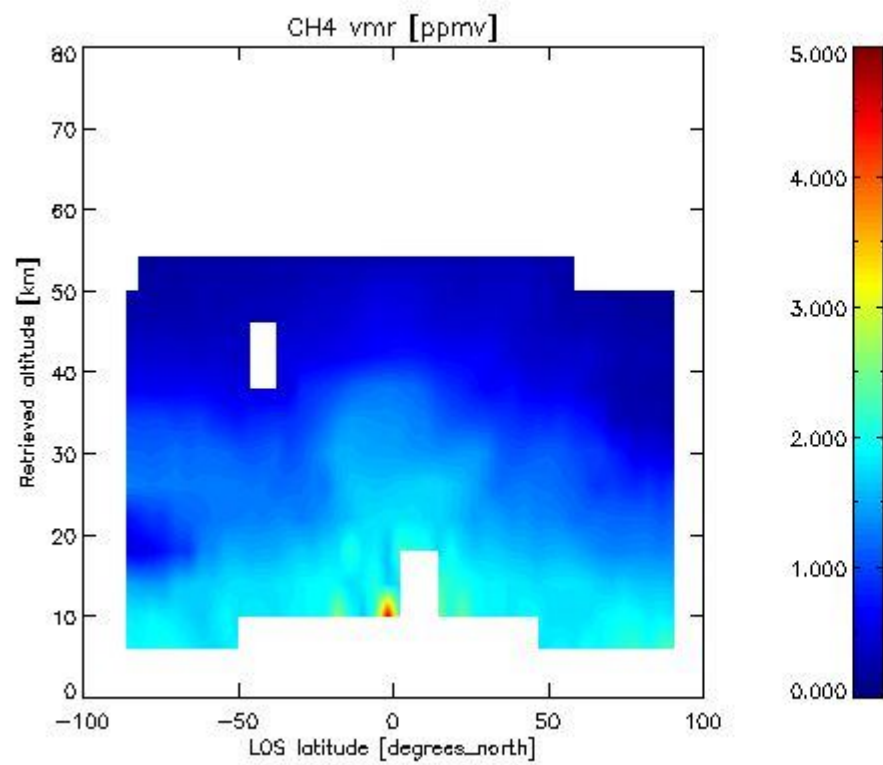
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



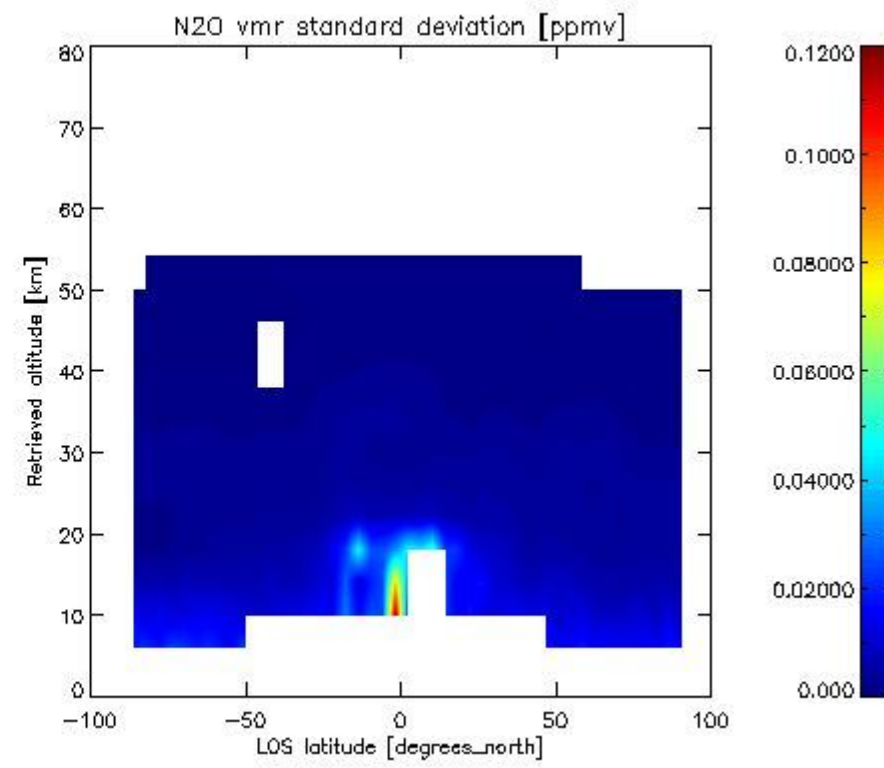
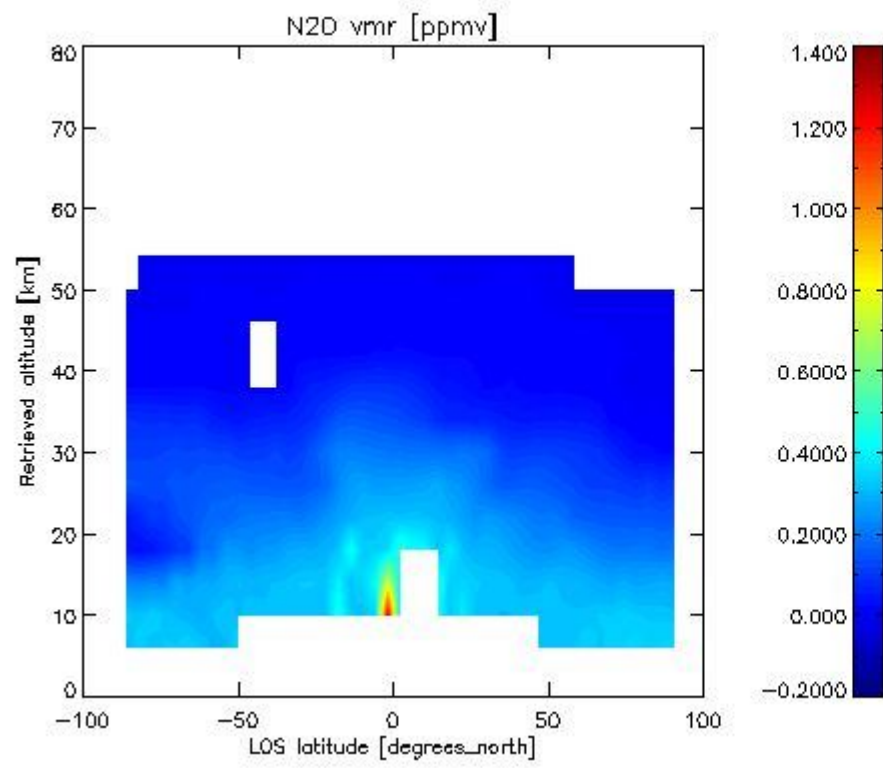
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



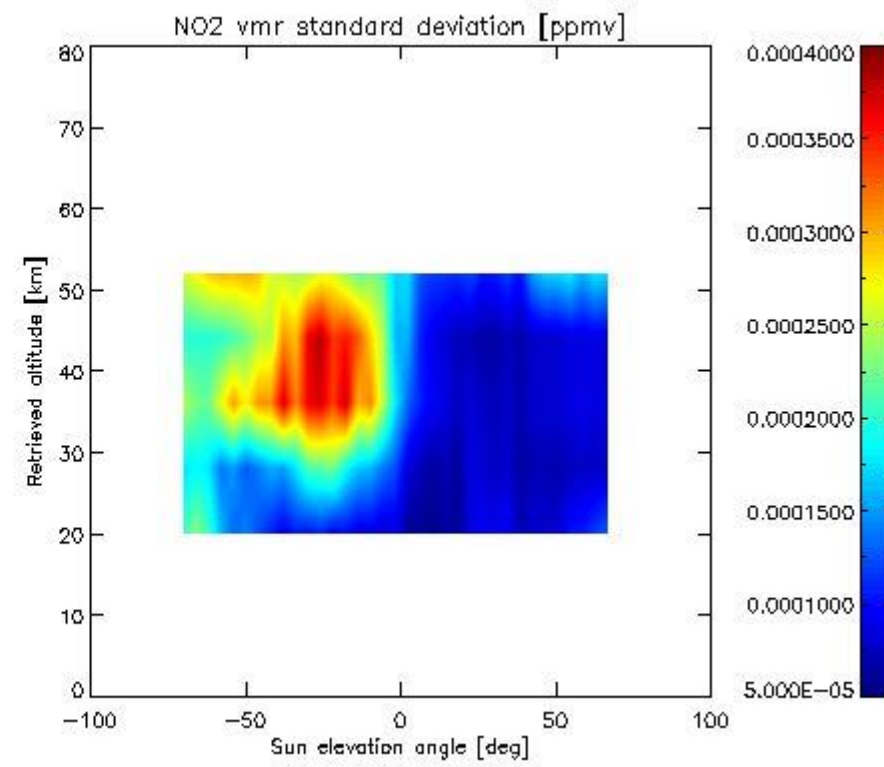
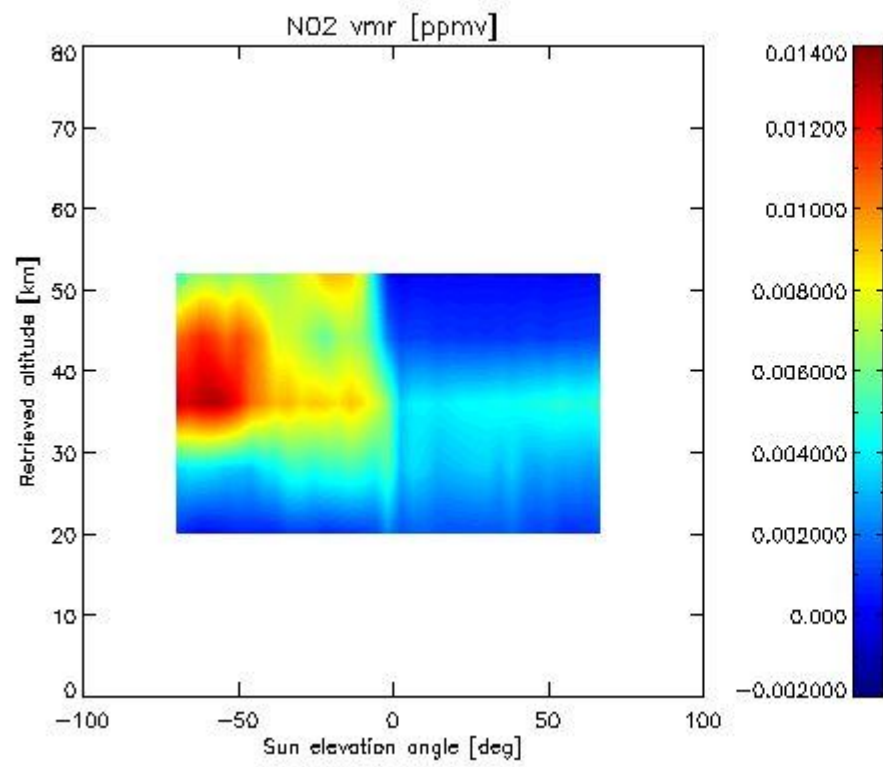
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



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.

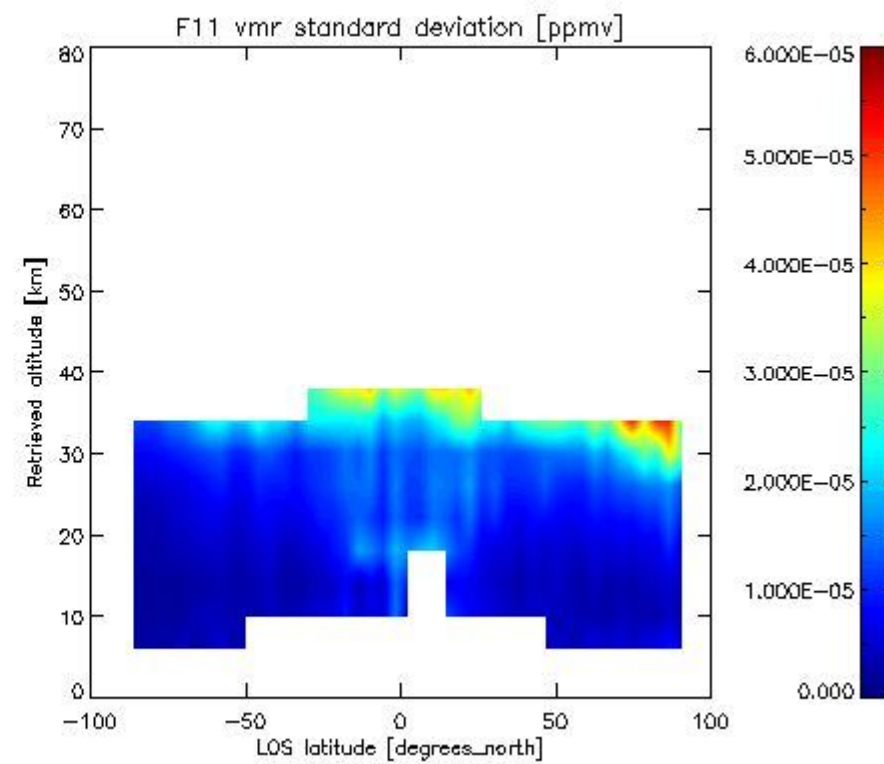
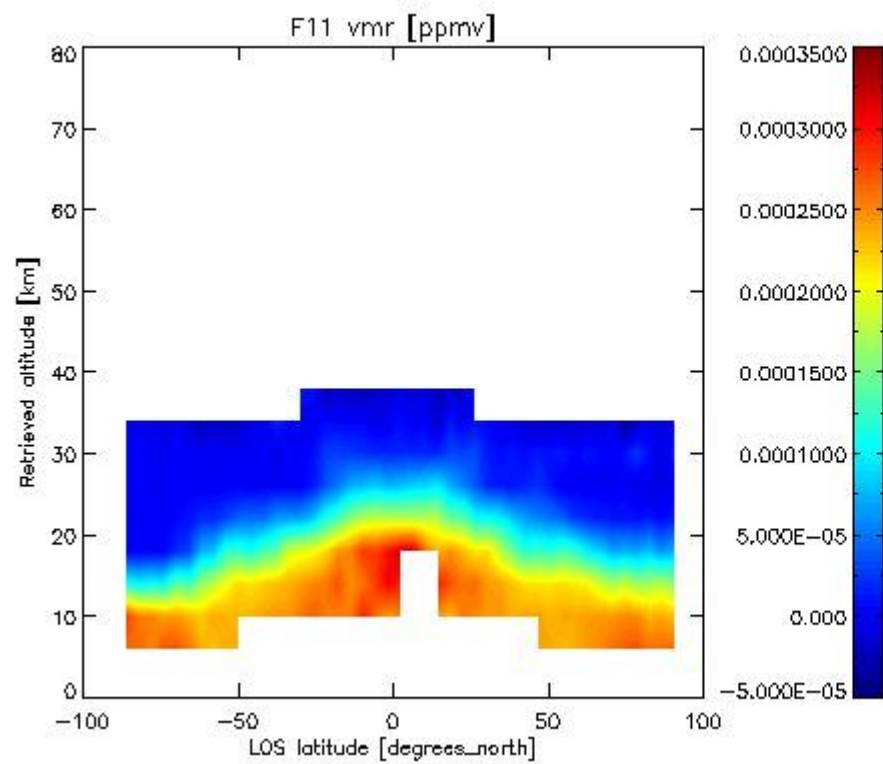


2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.

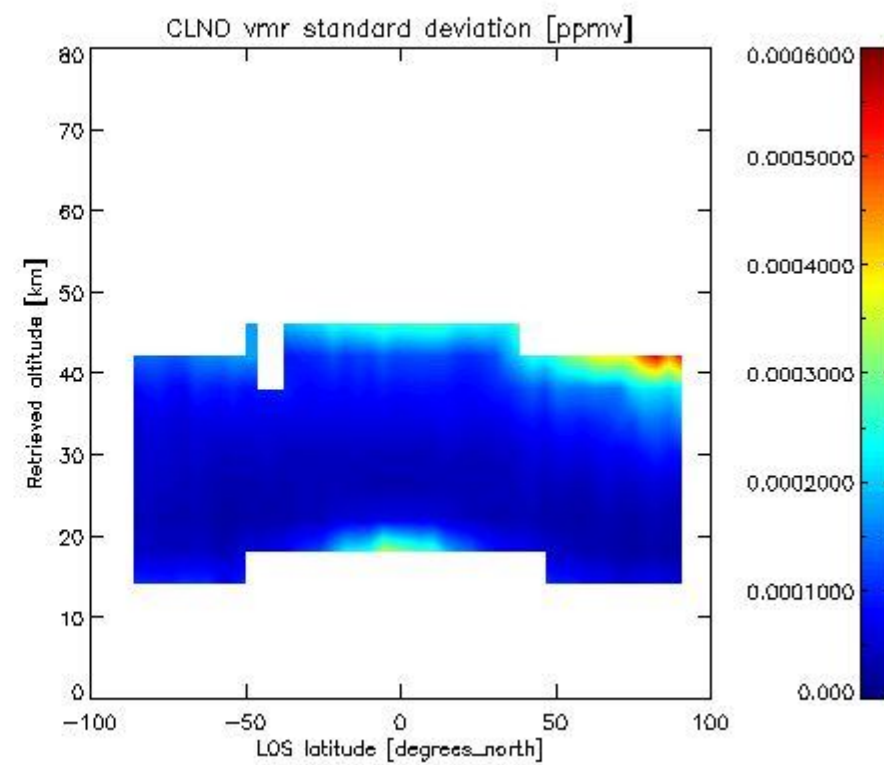
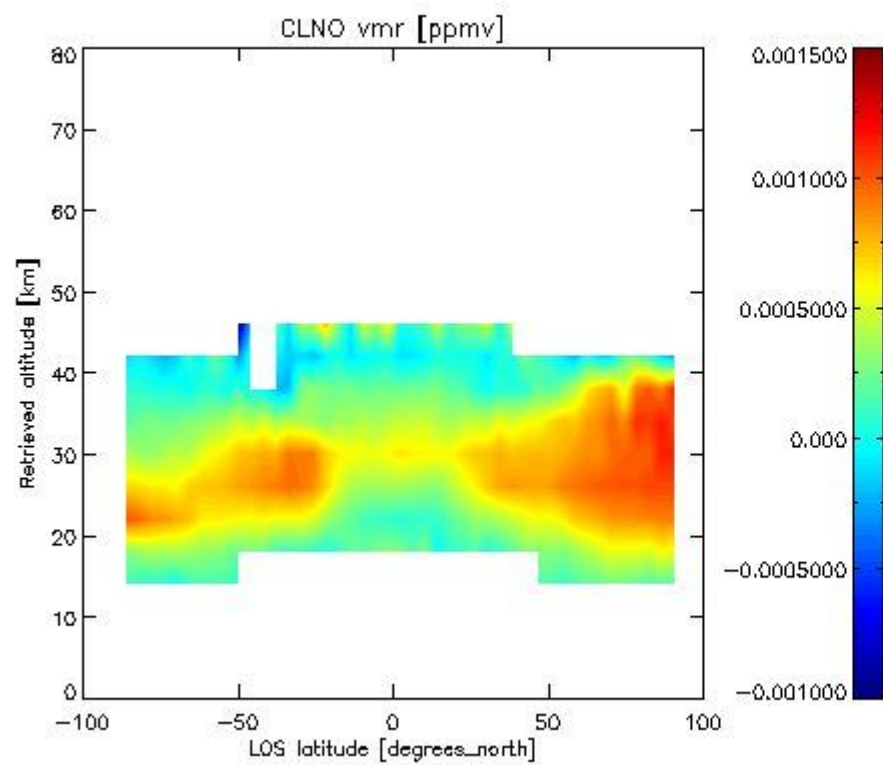


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

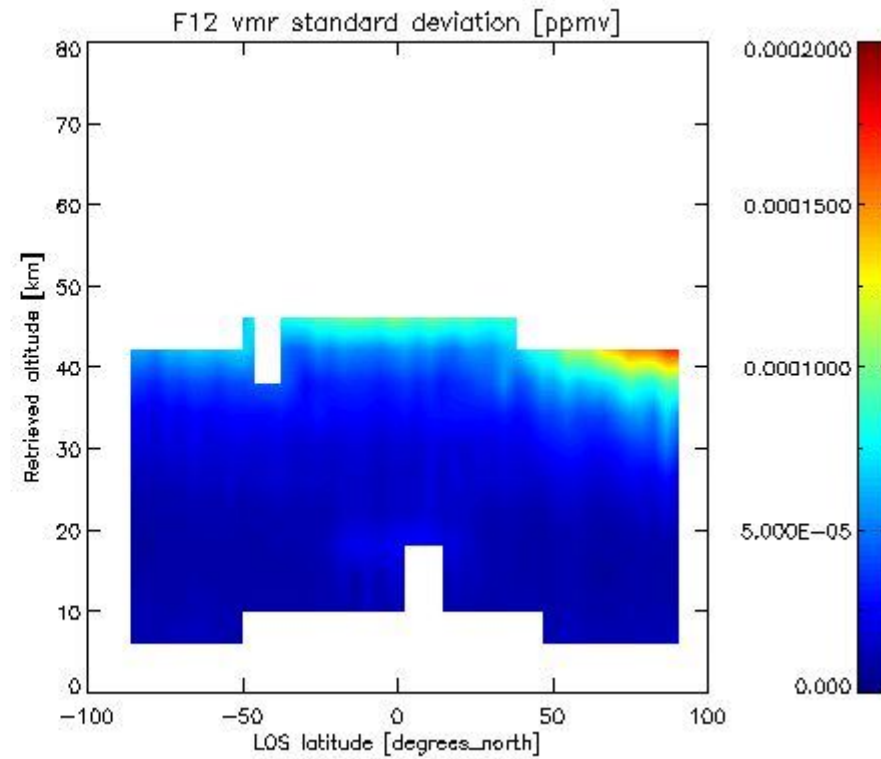
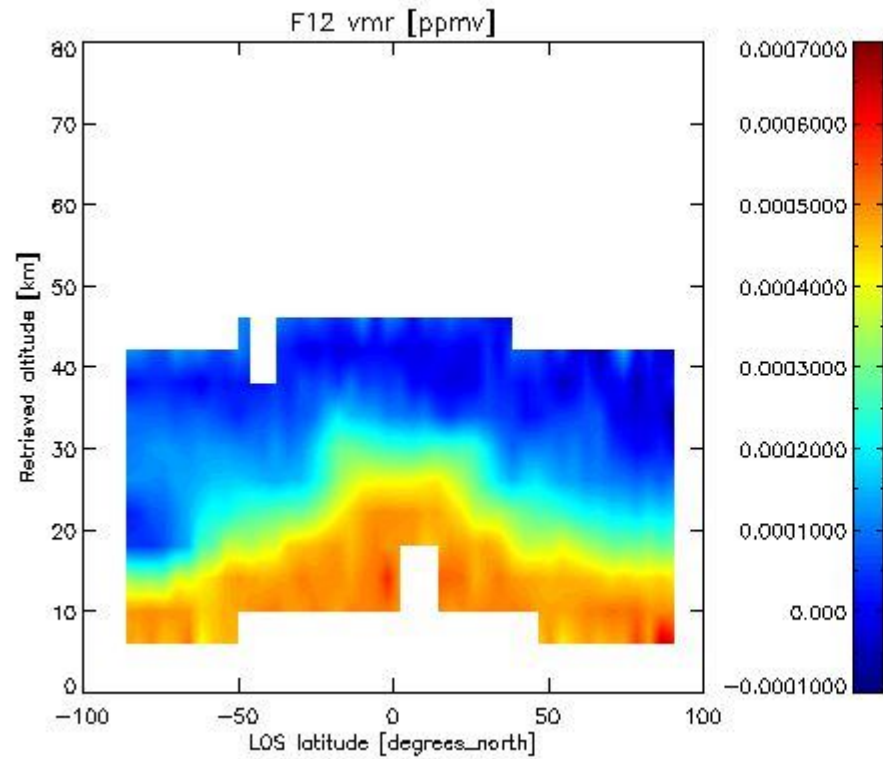
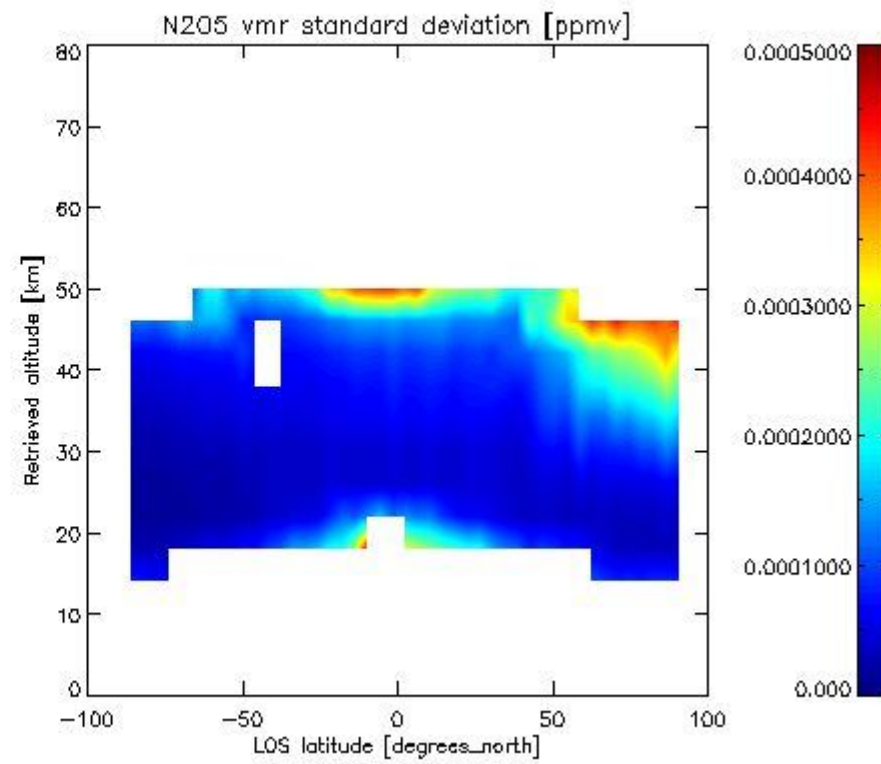
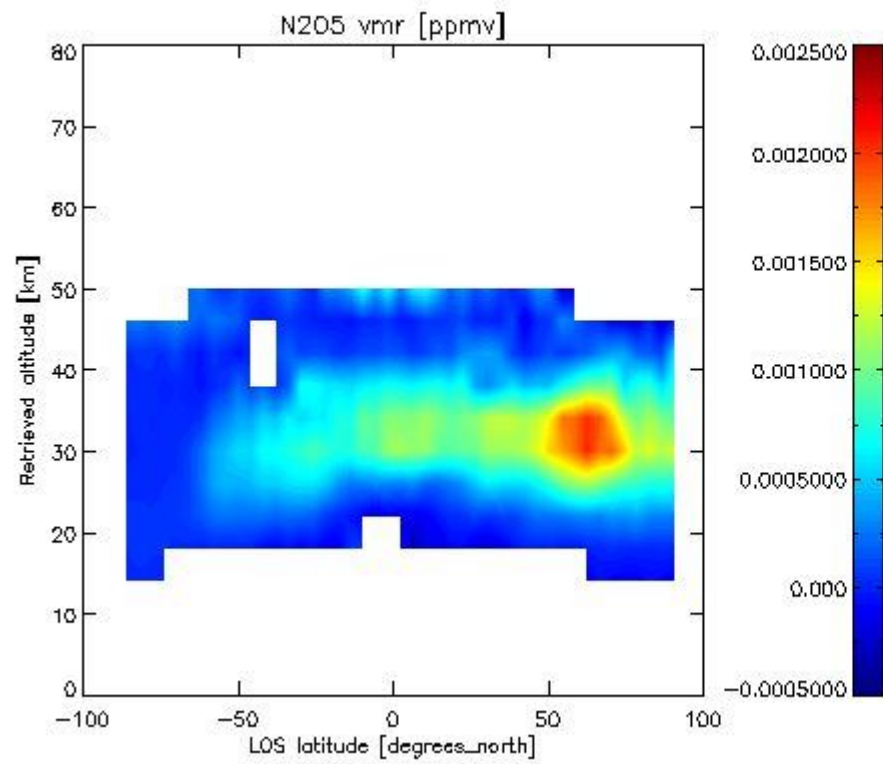




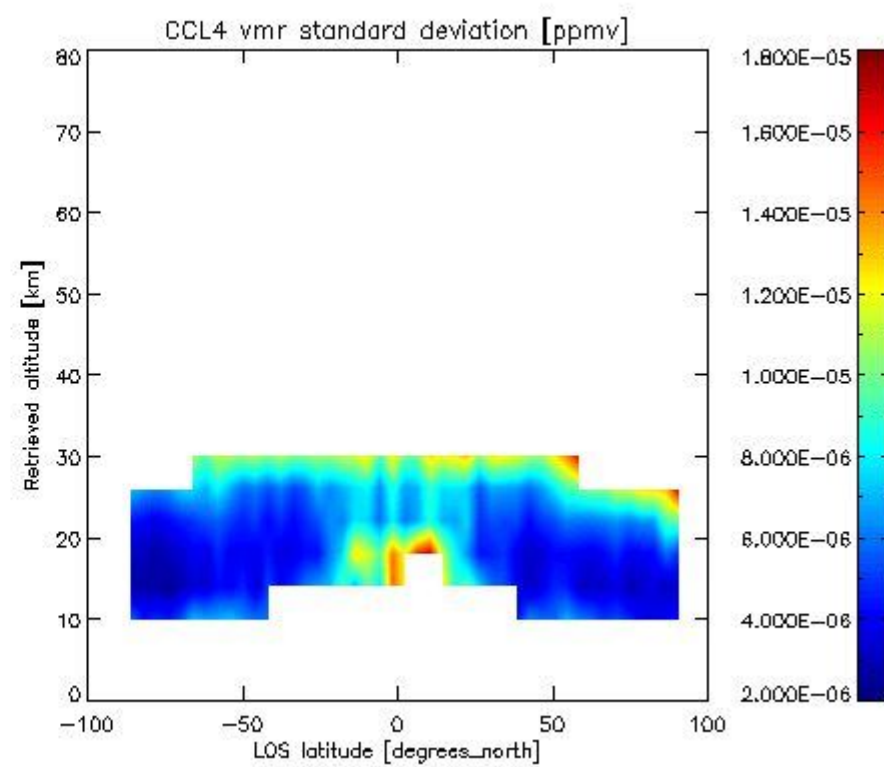
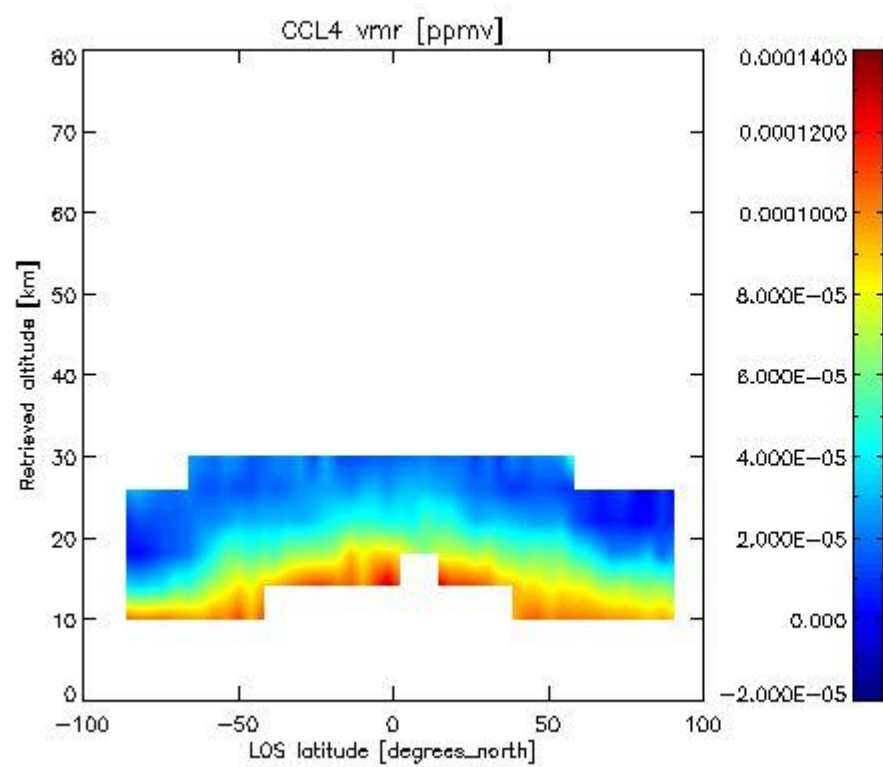
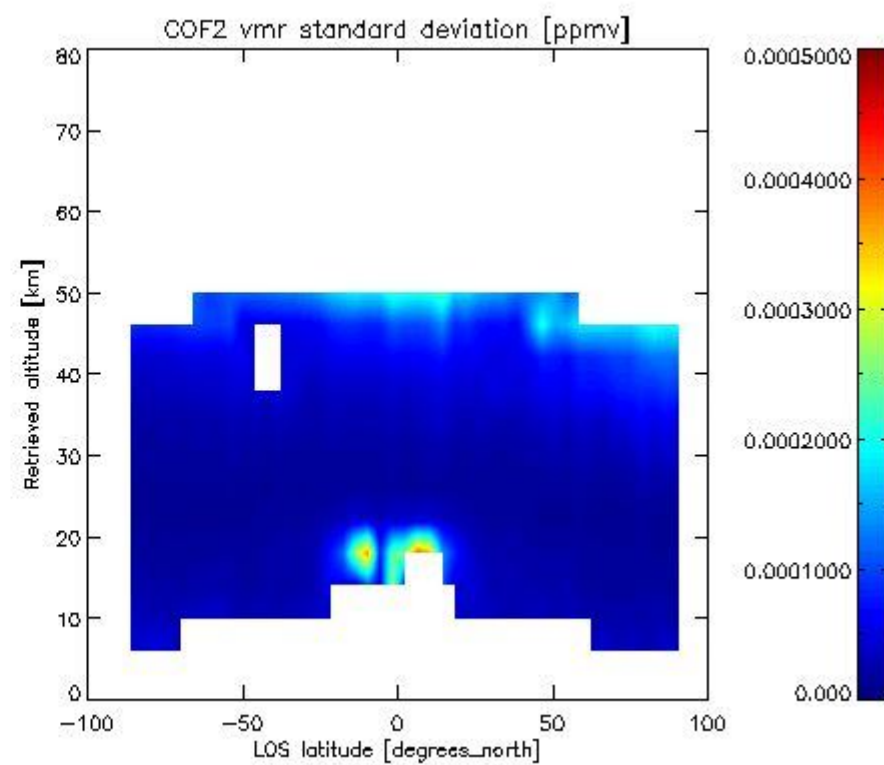
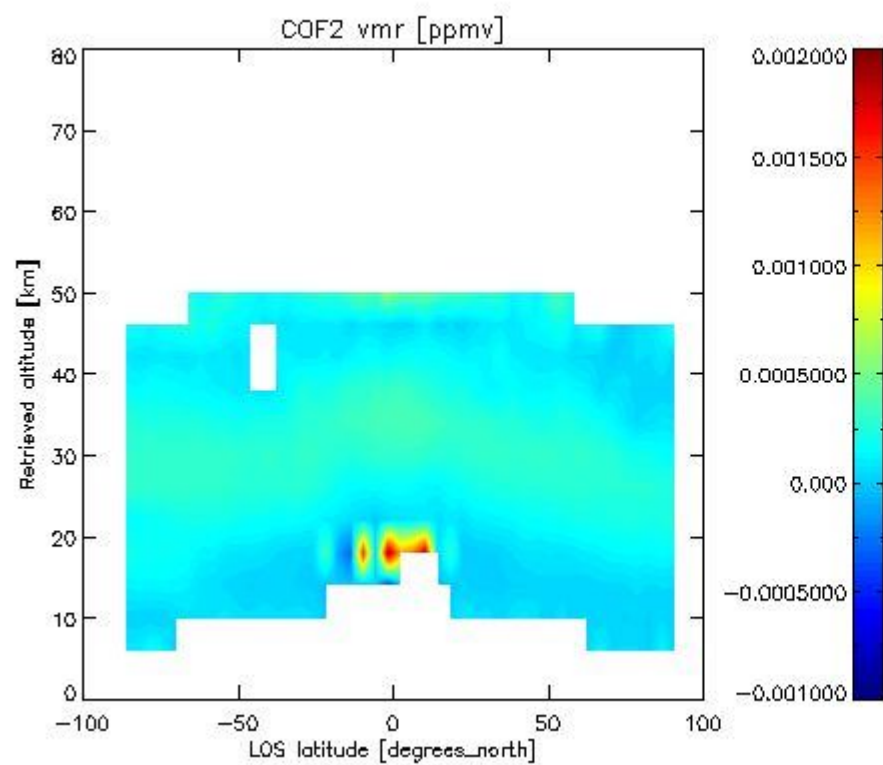
2.3.4.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

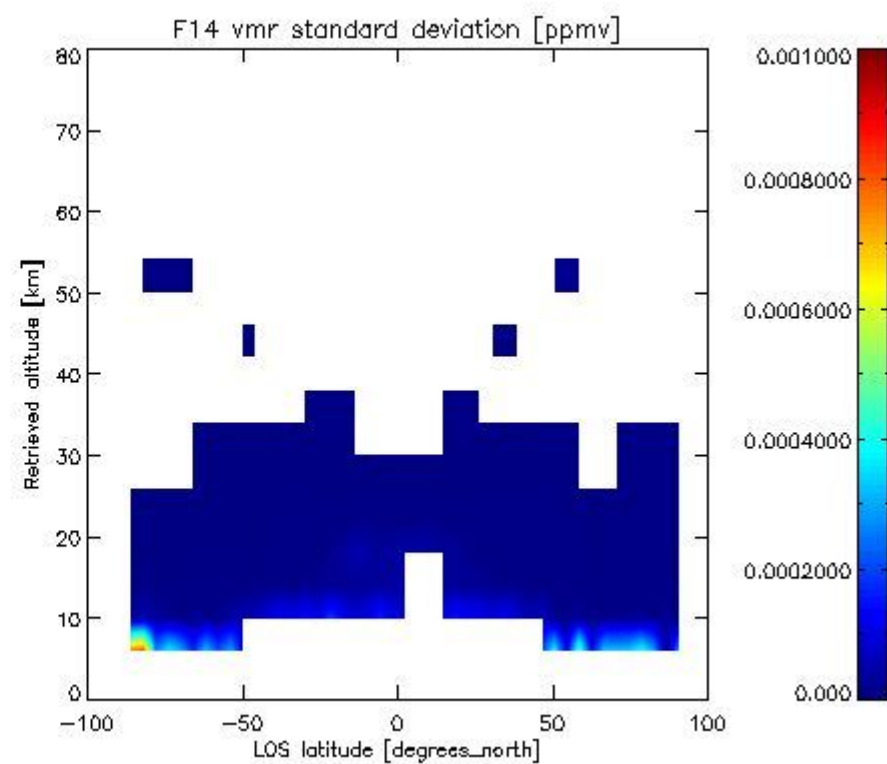
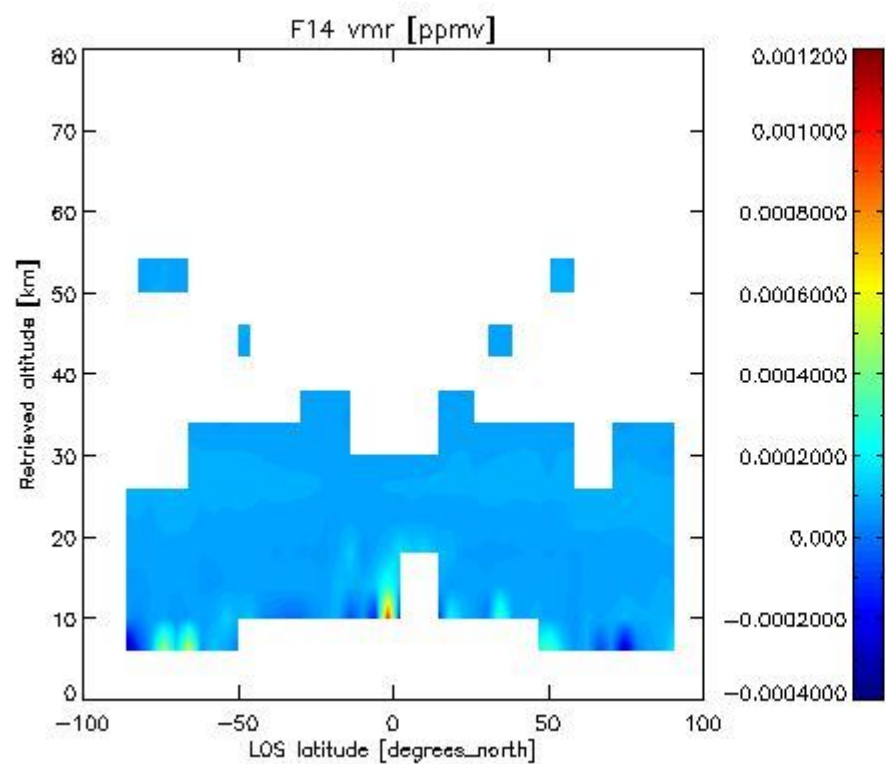
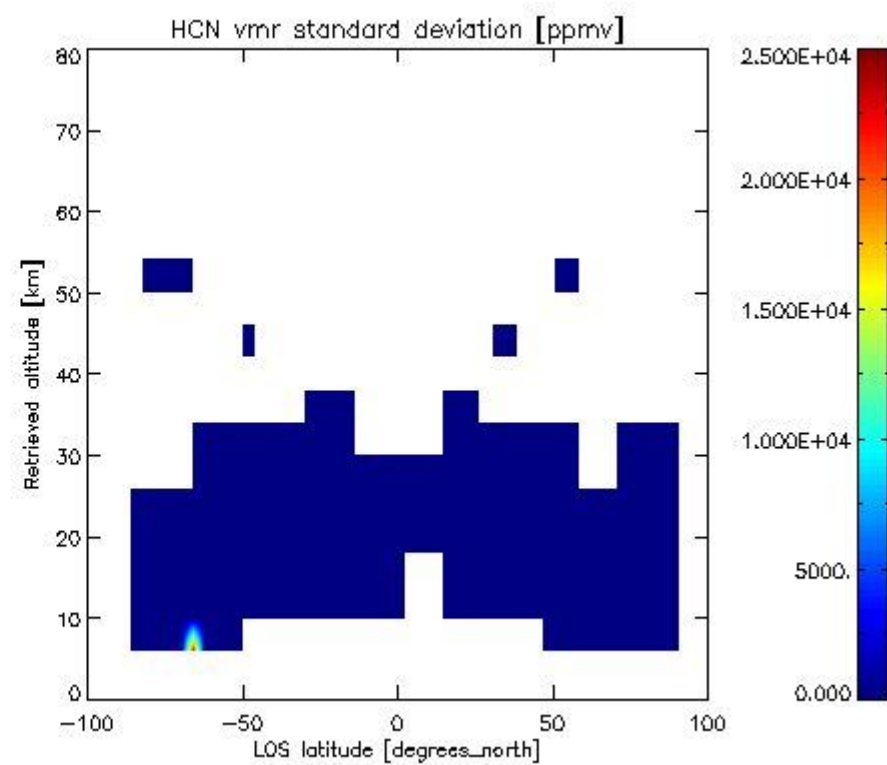
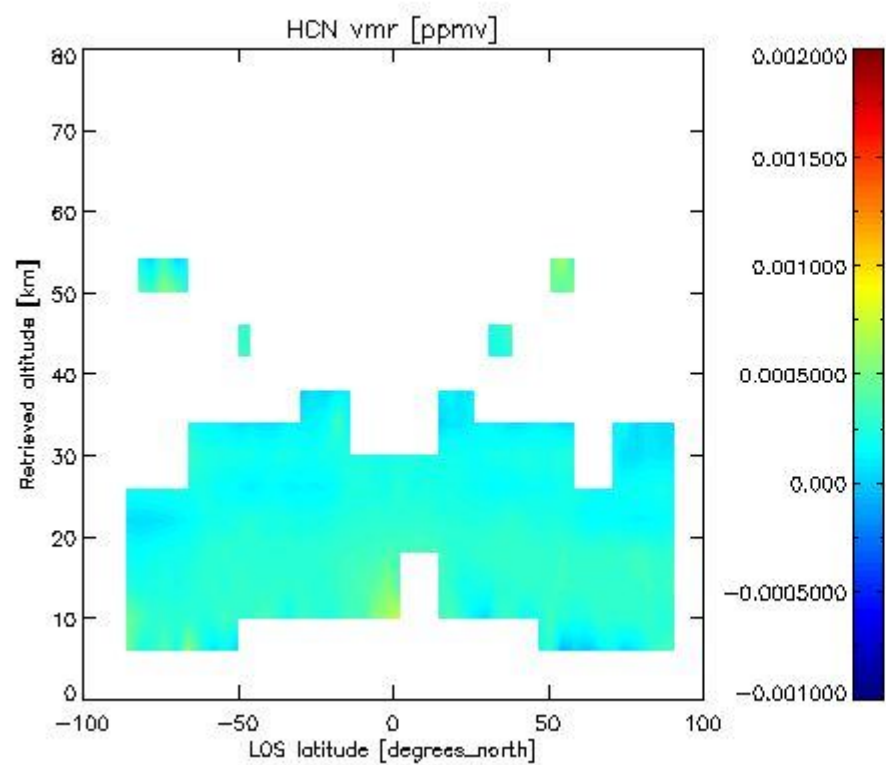


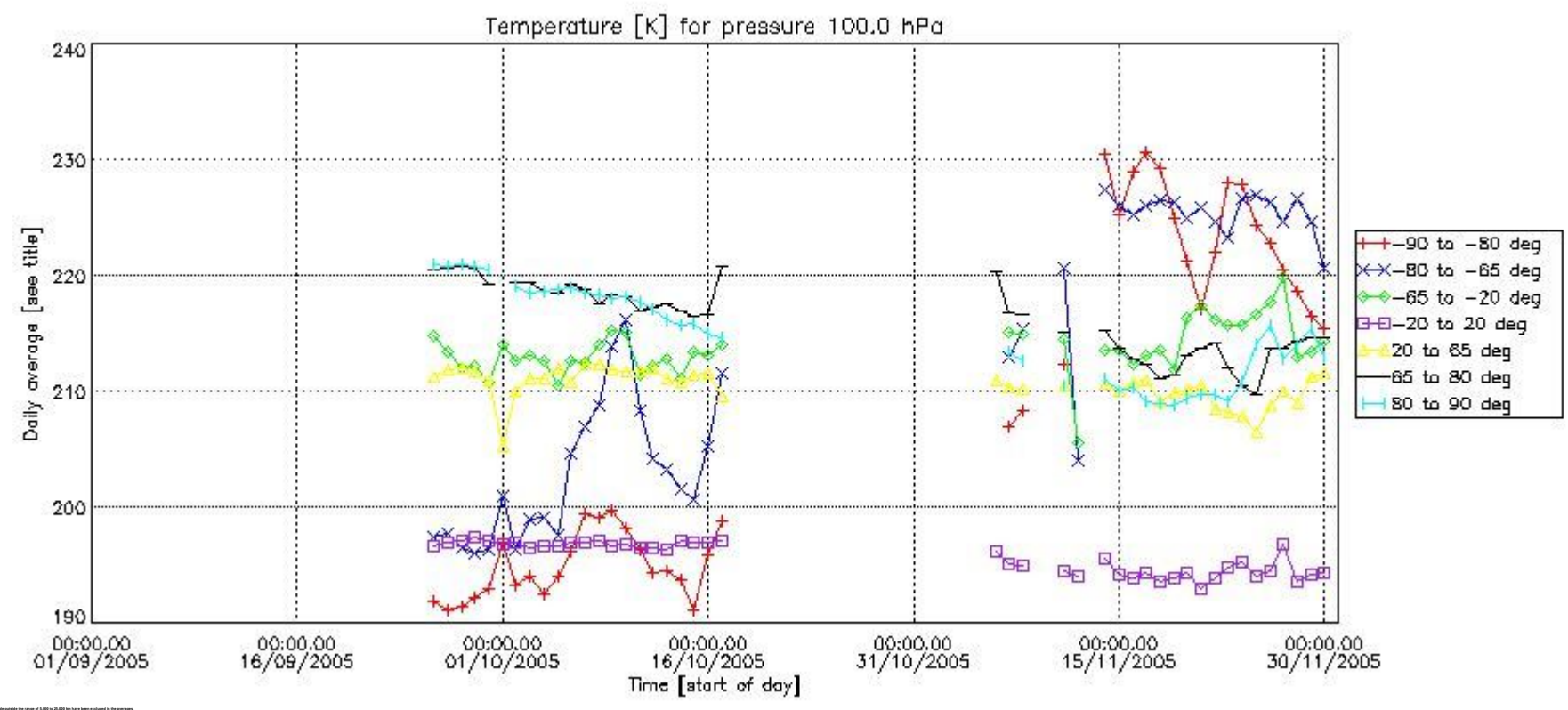
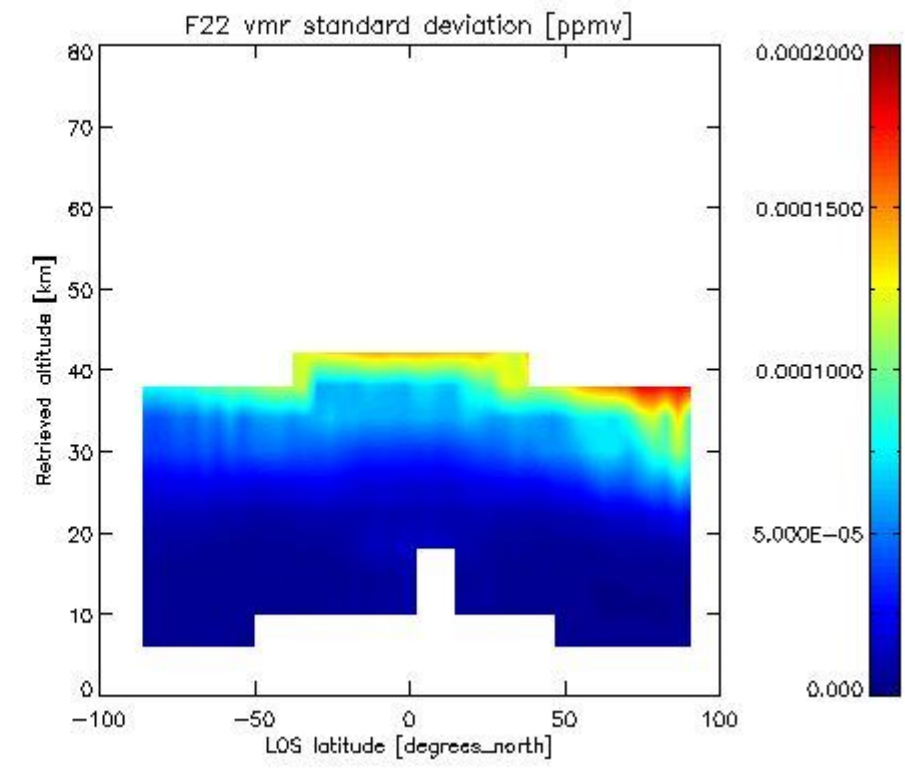
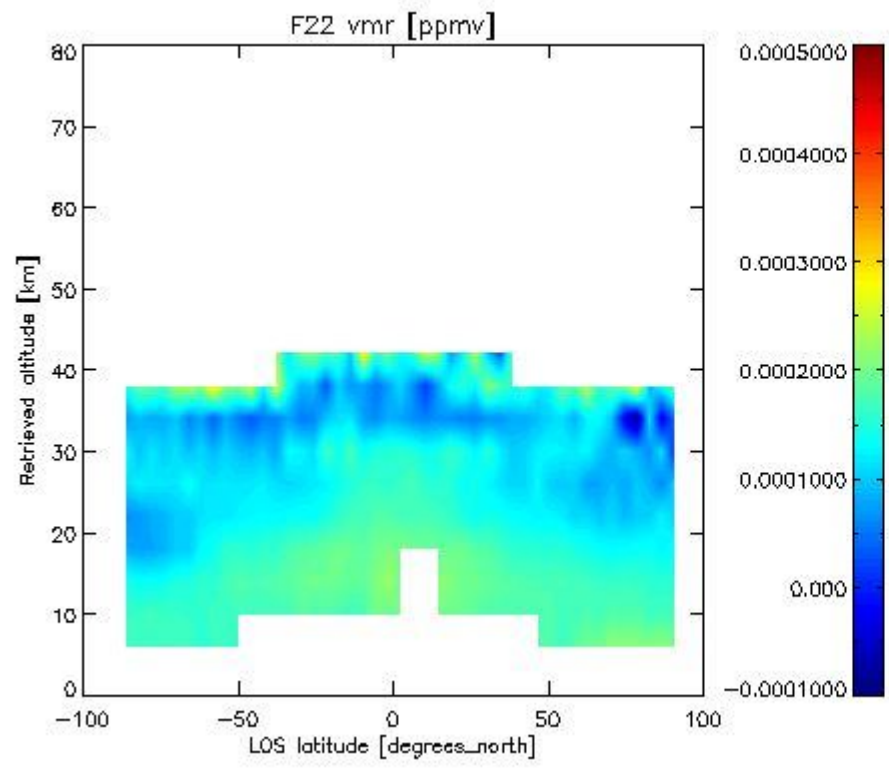
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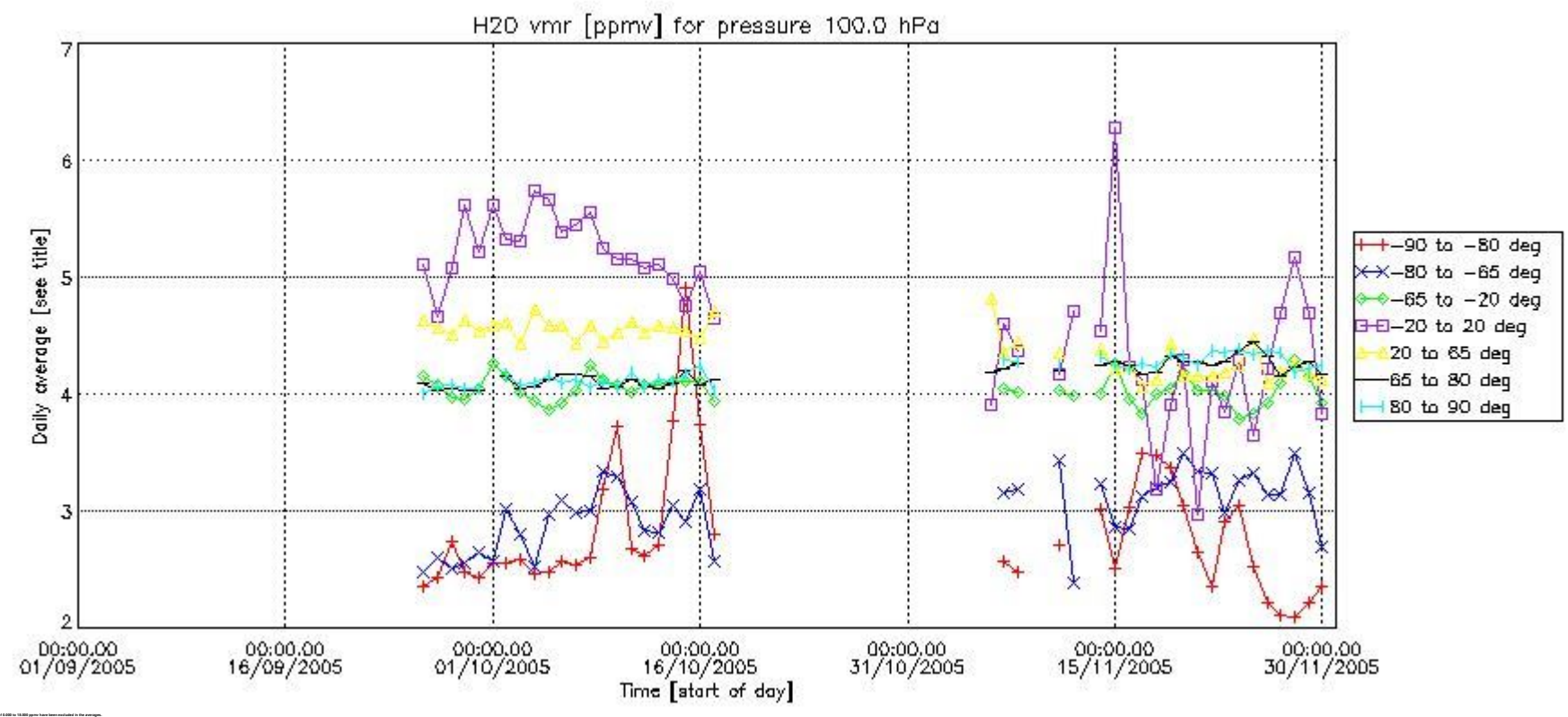
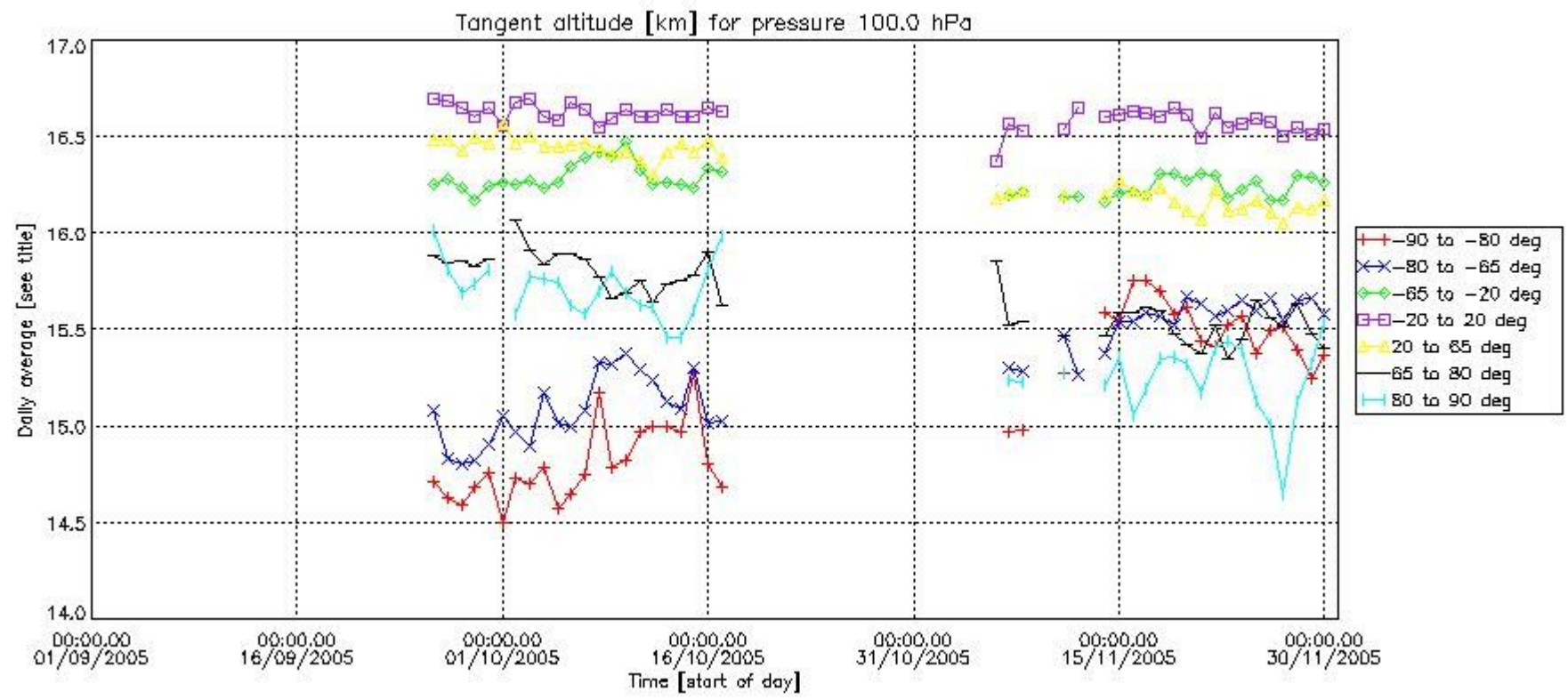


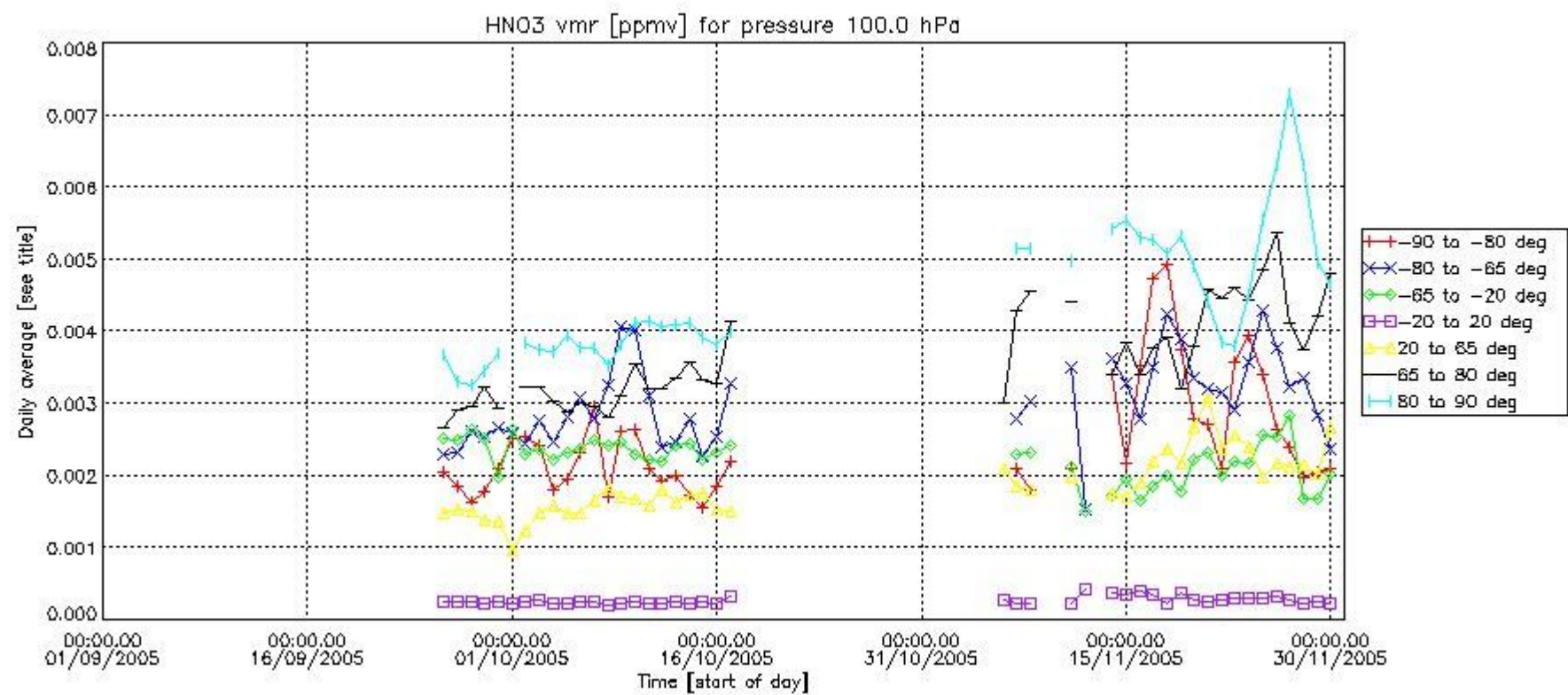
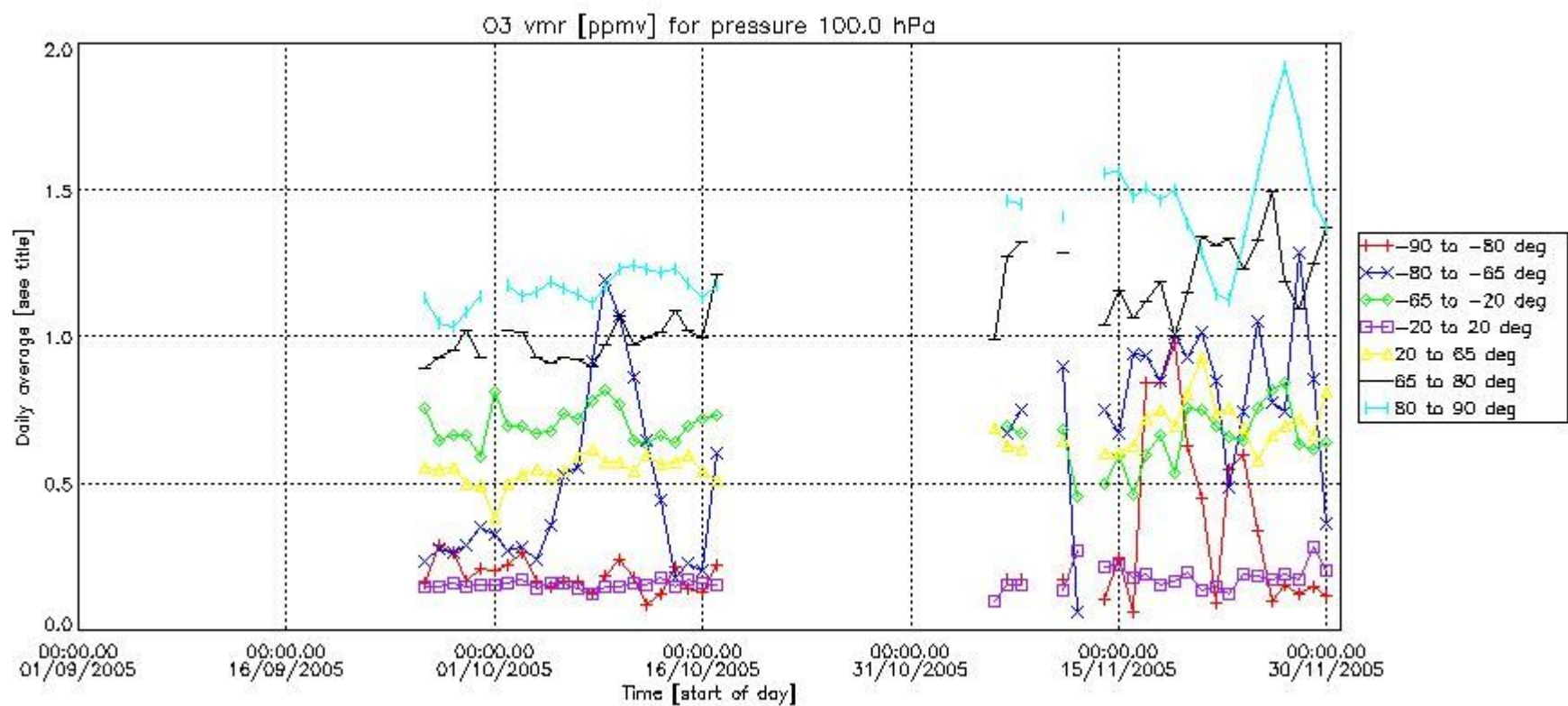


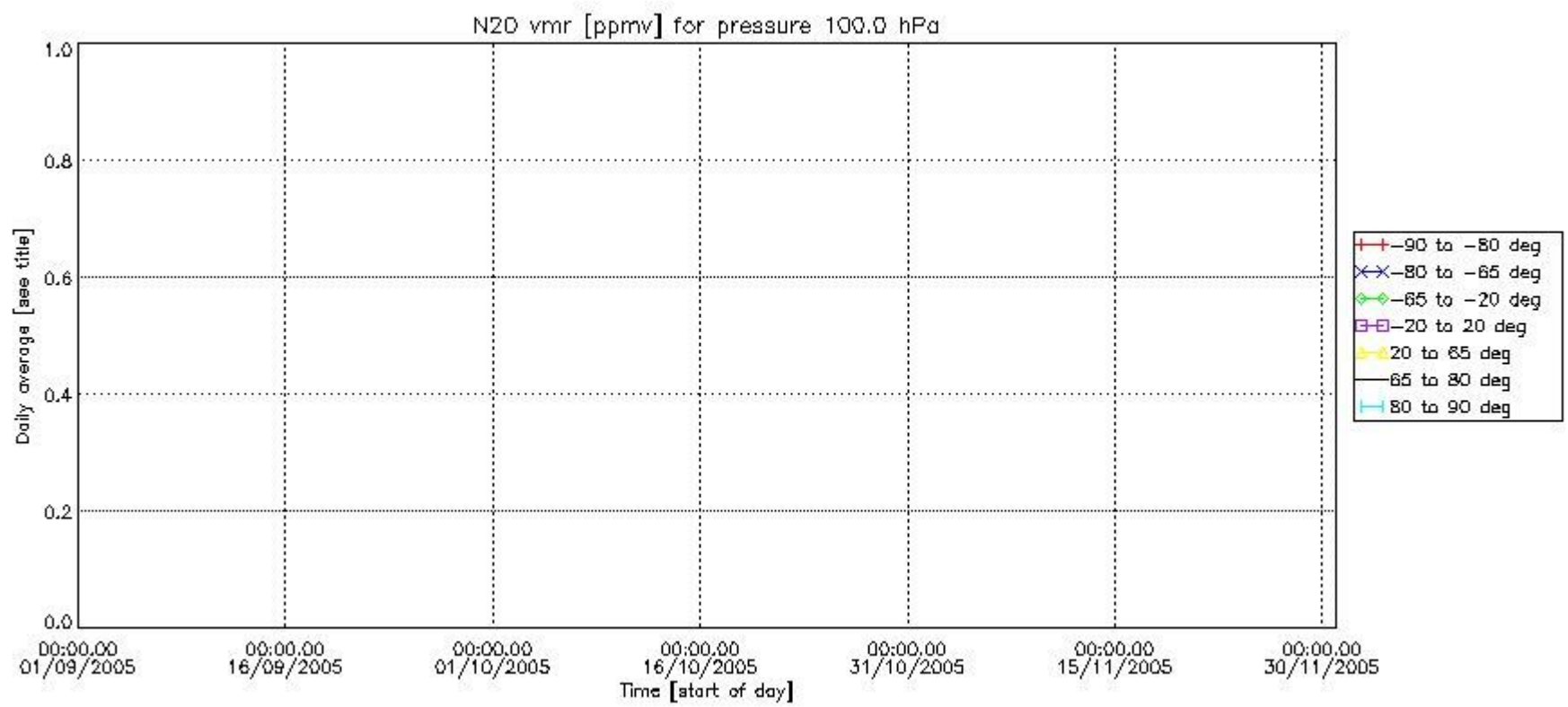
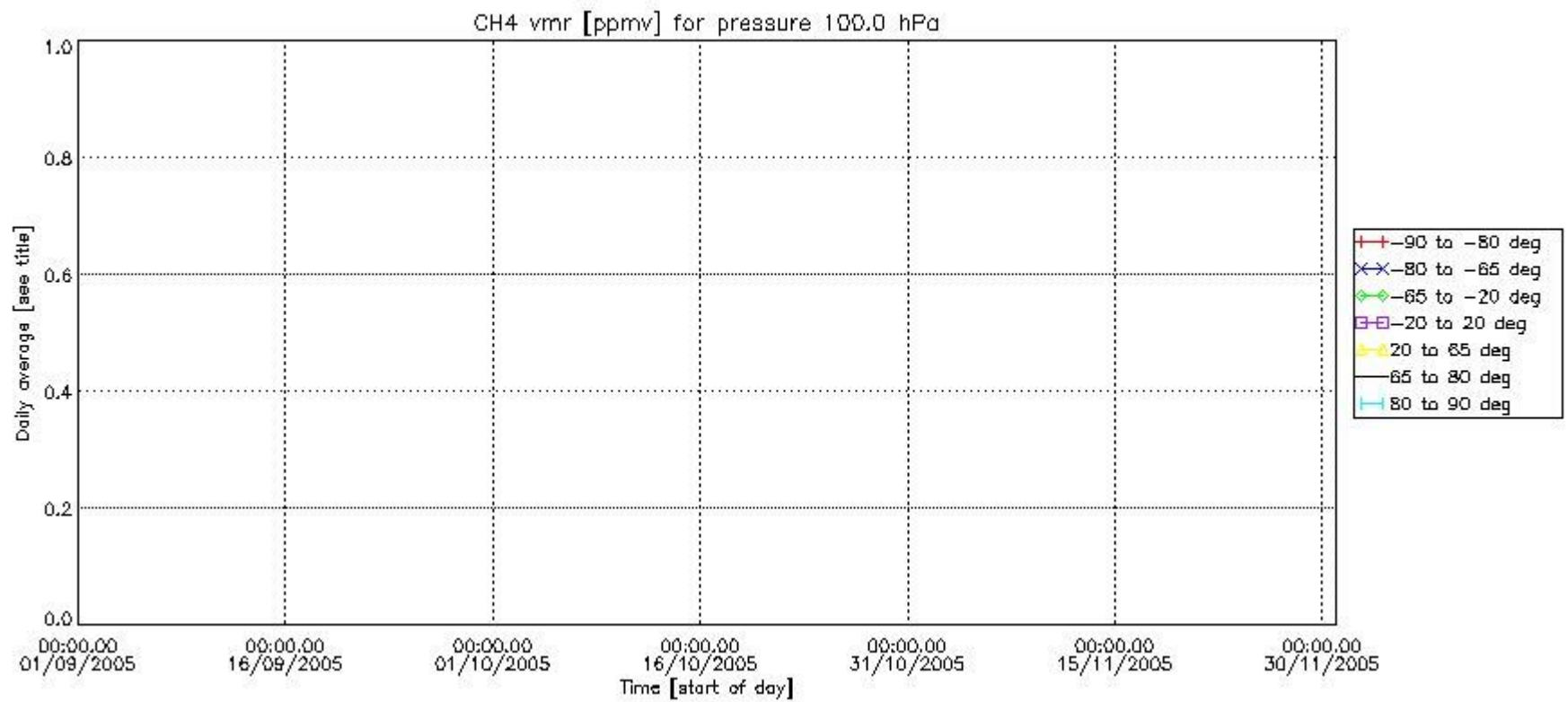




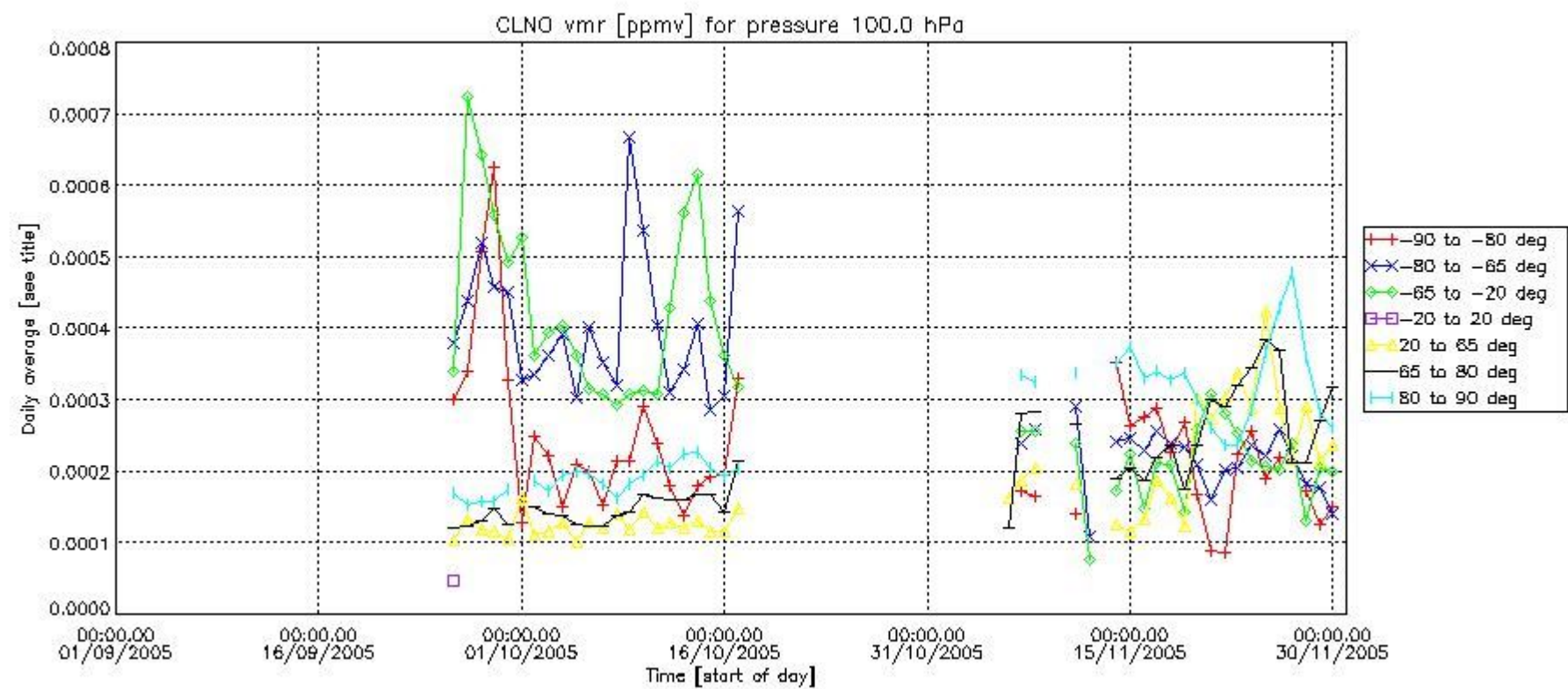
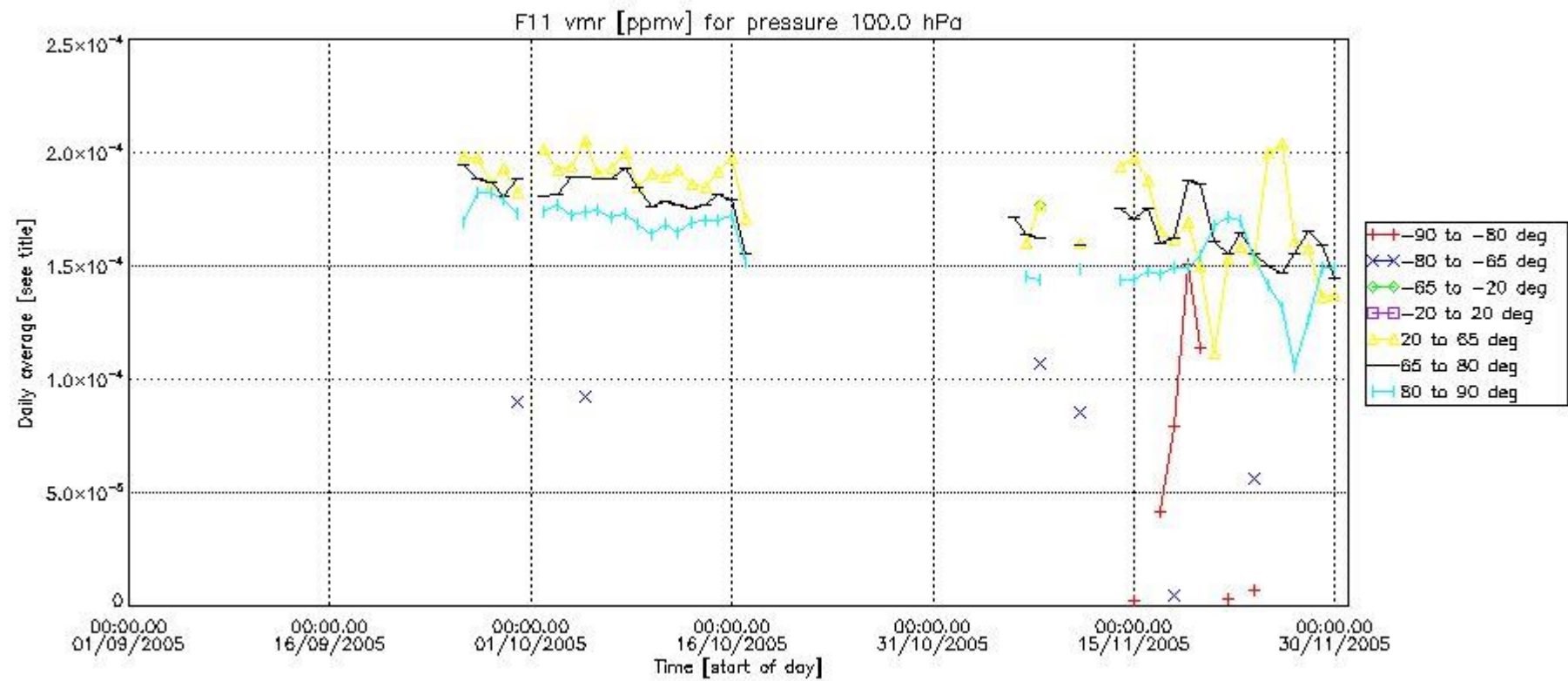


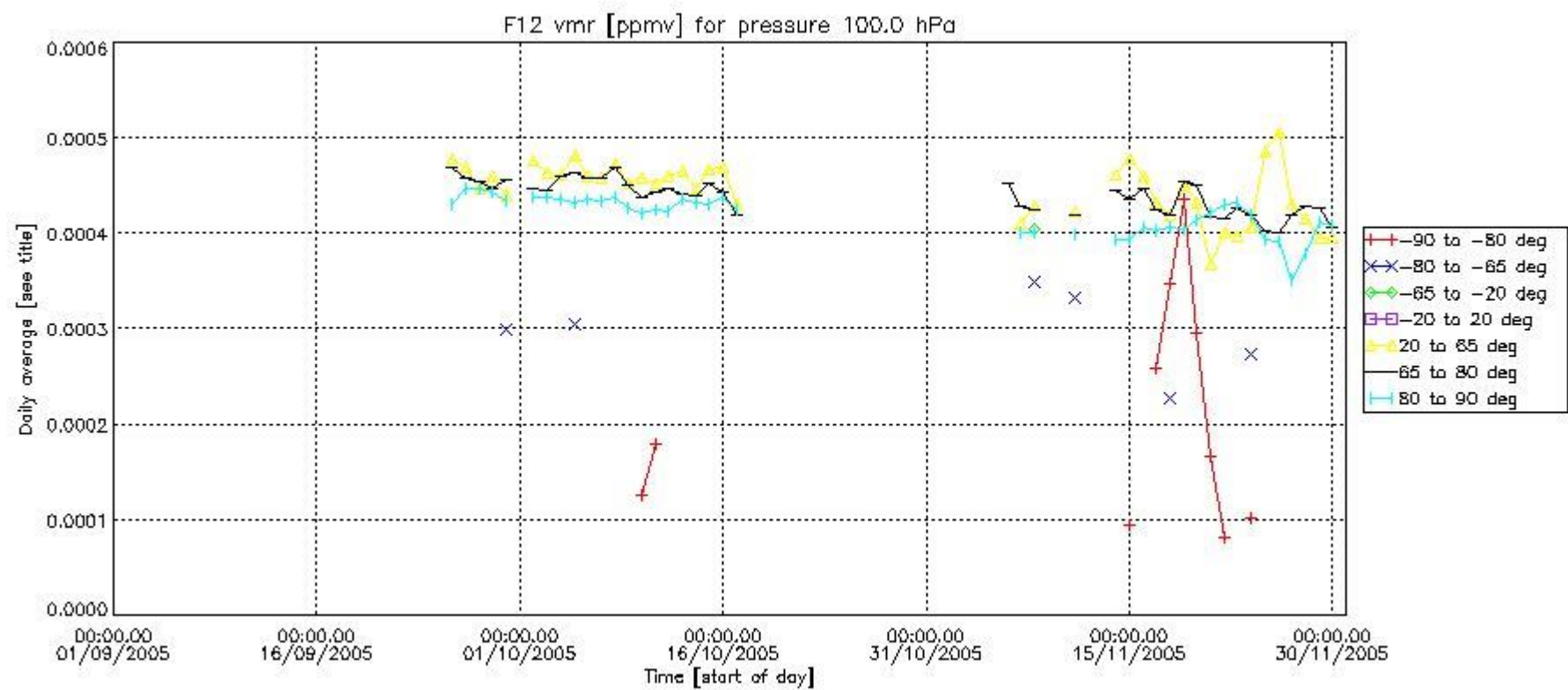
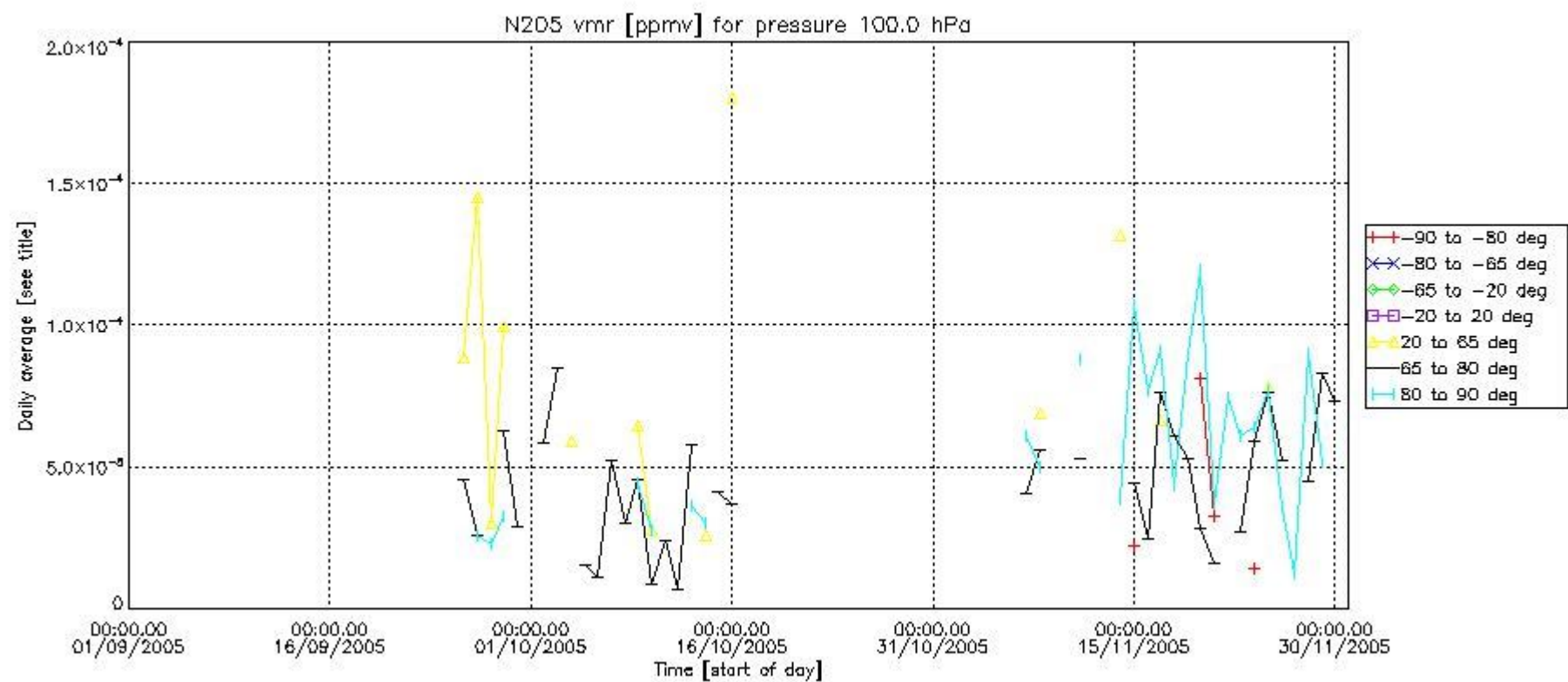


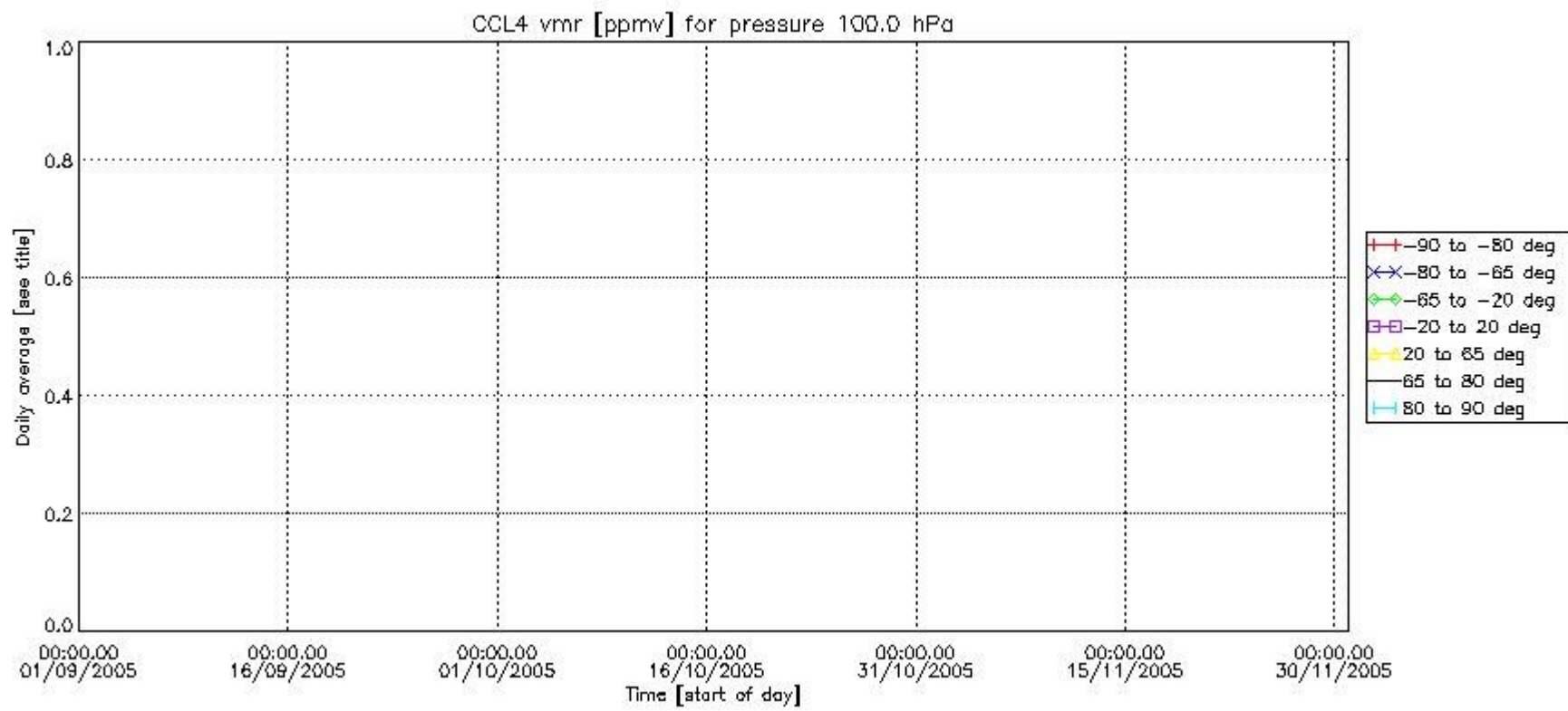
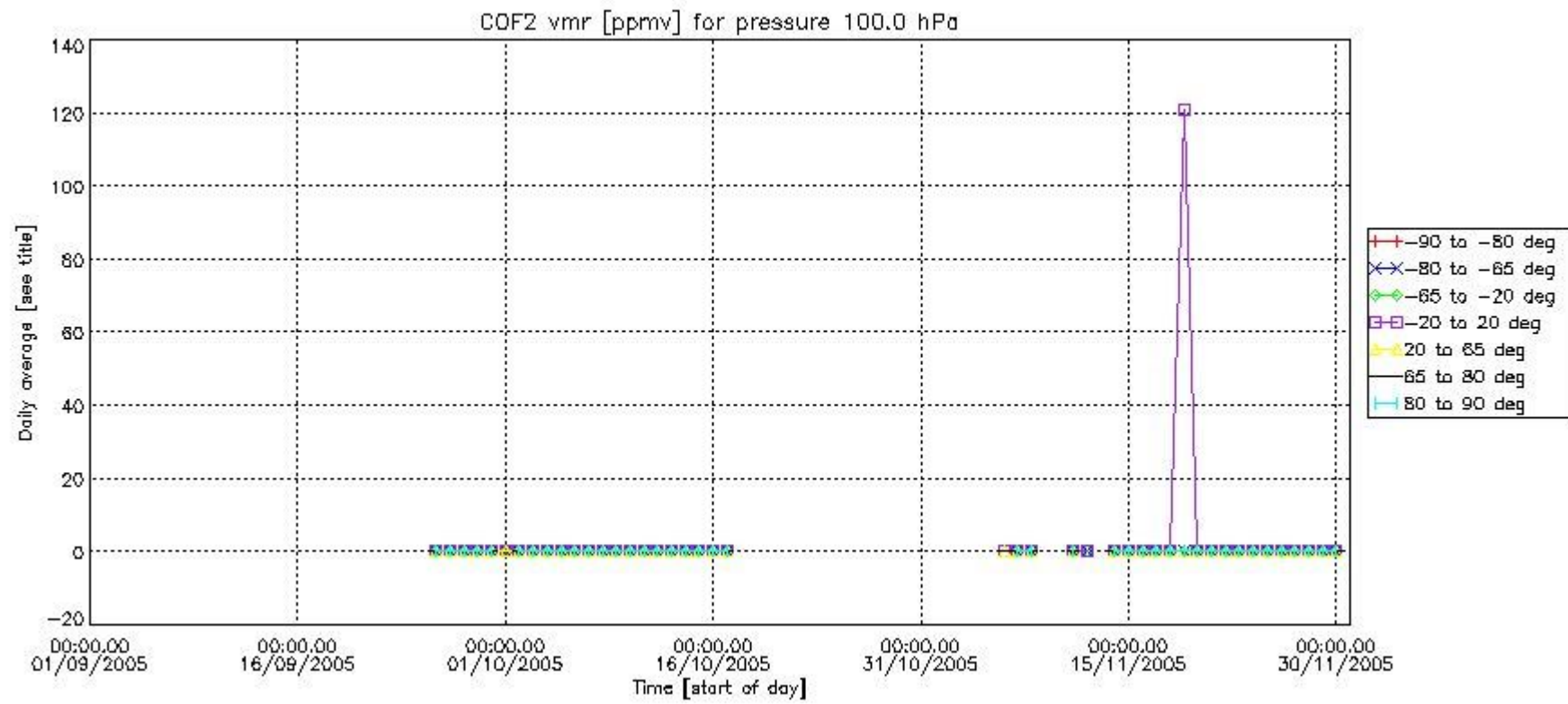




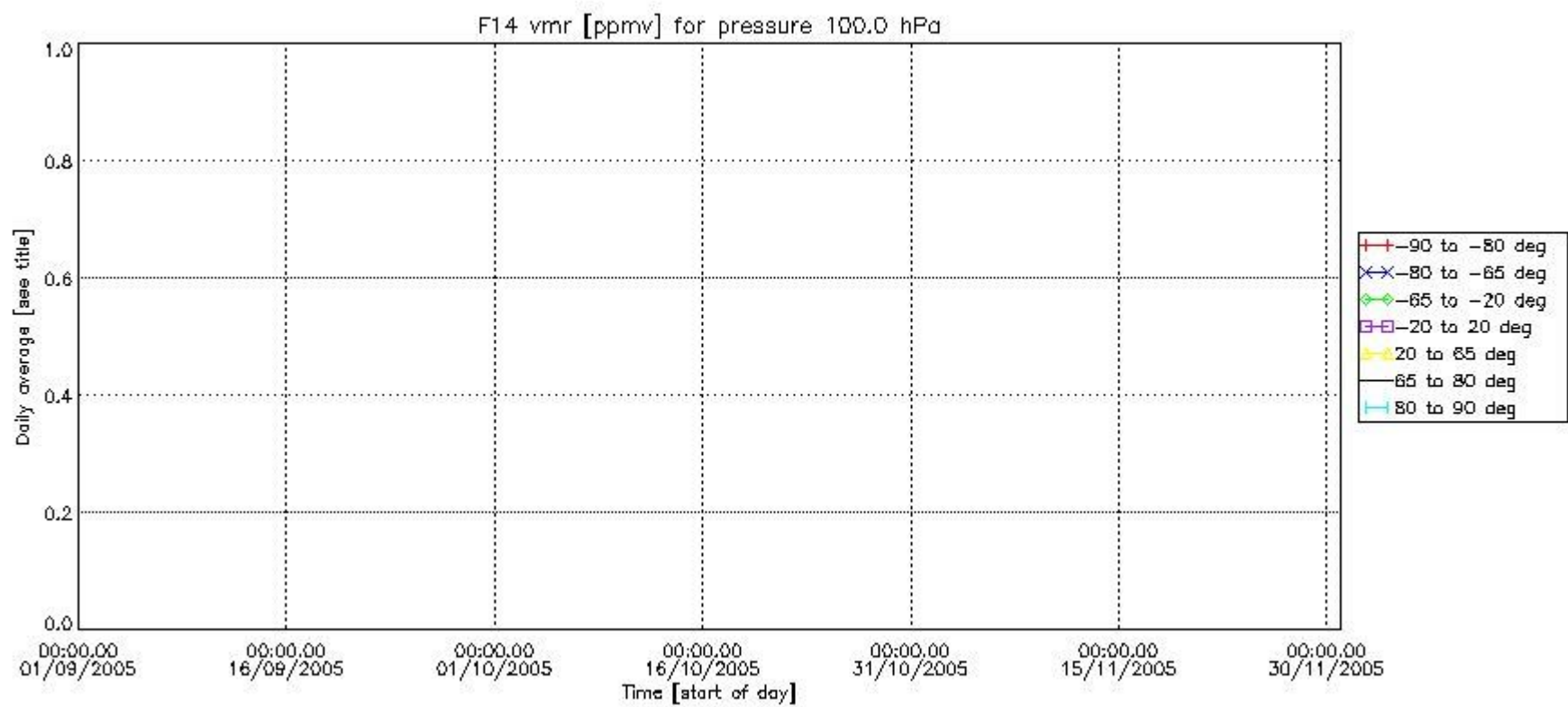
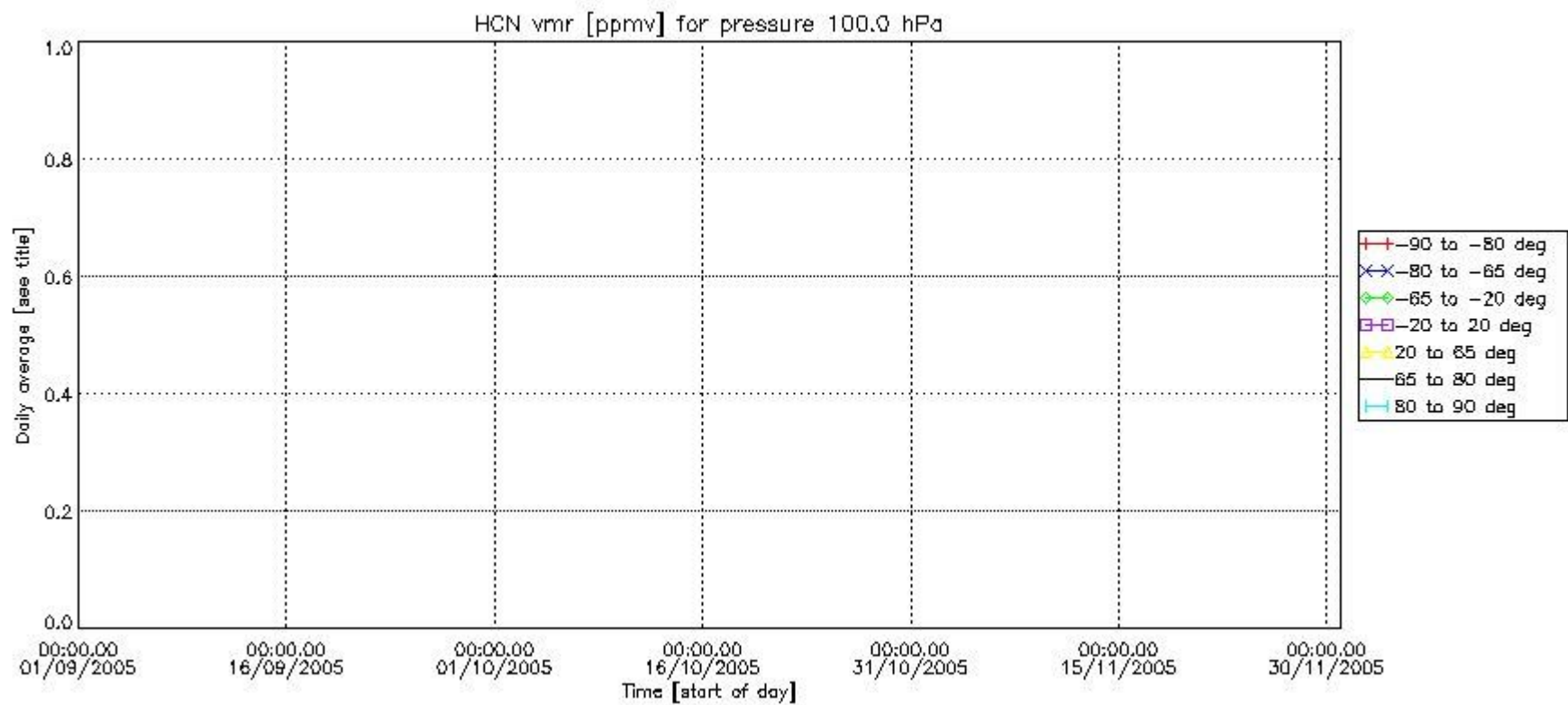


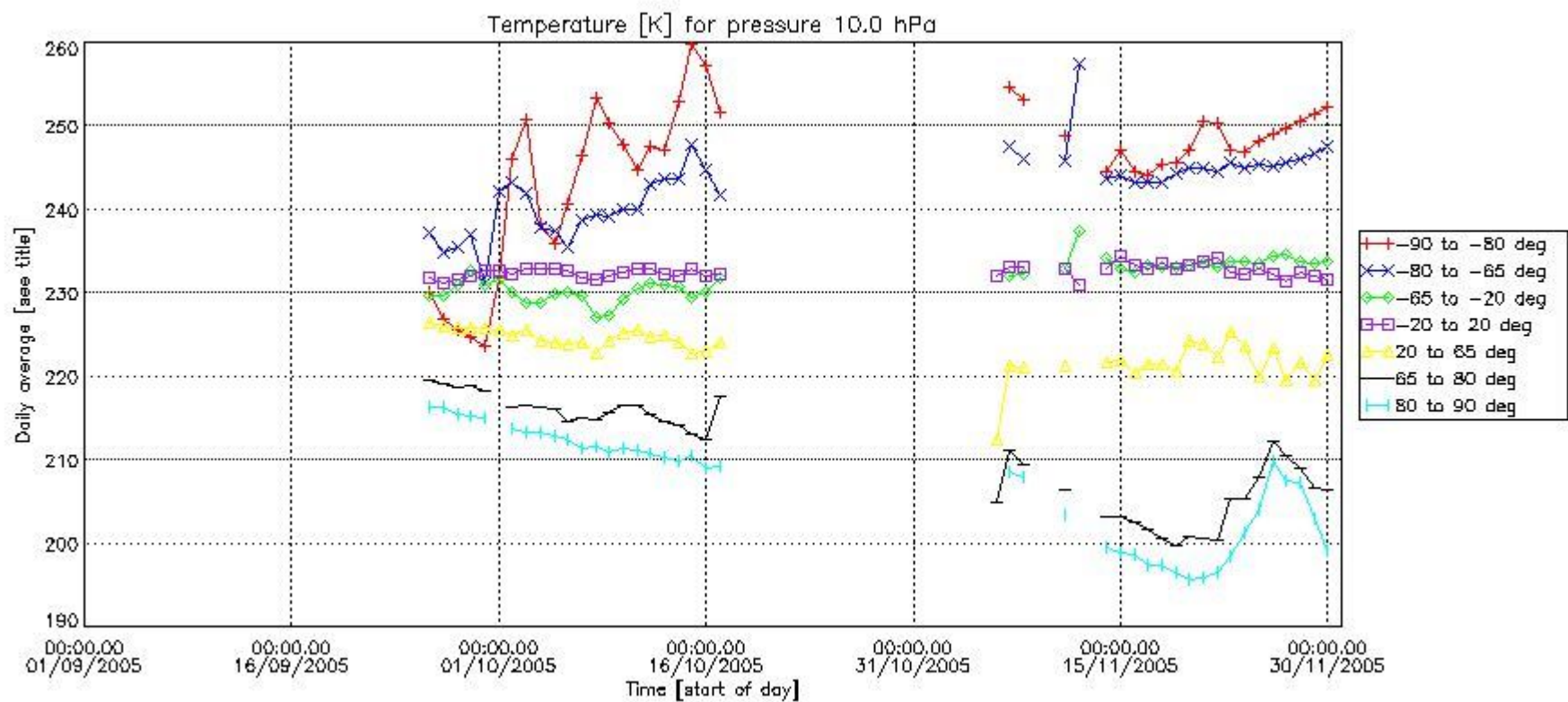
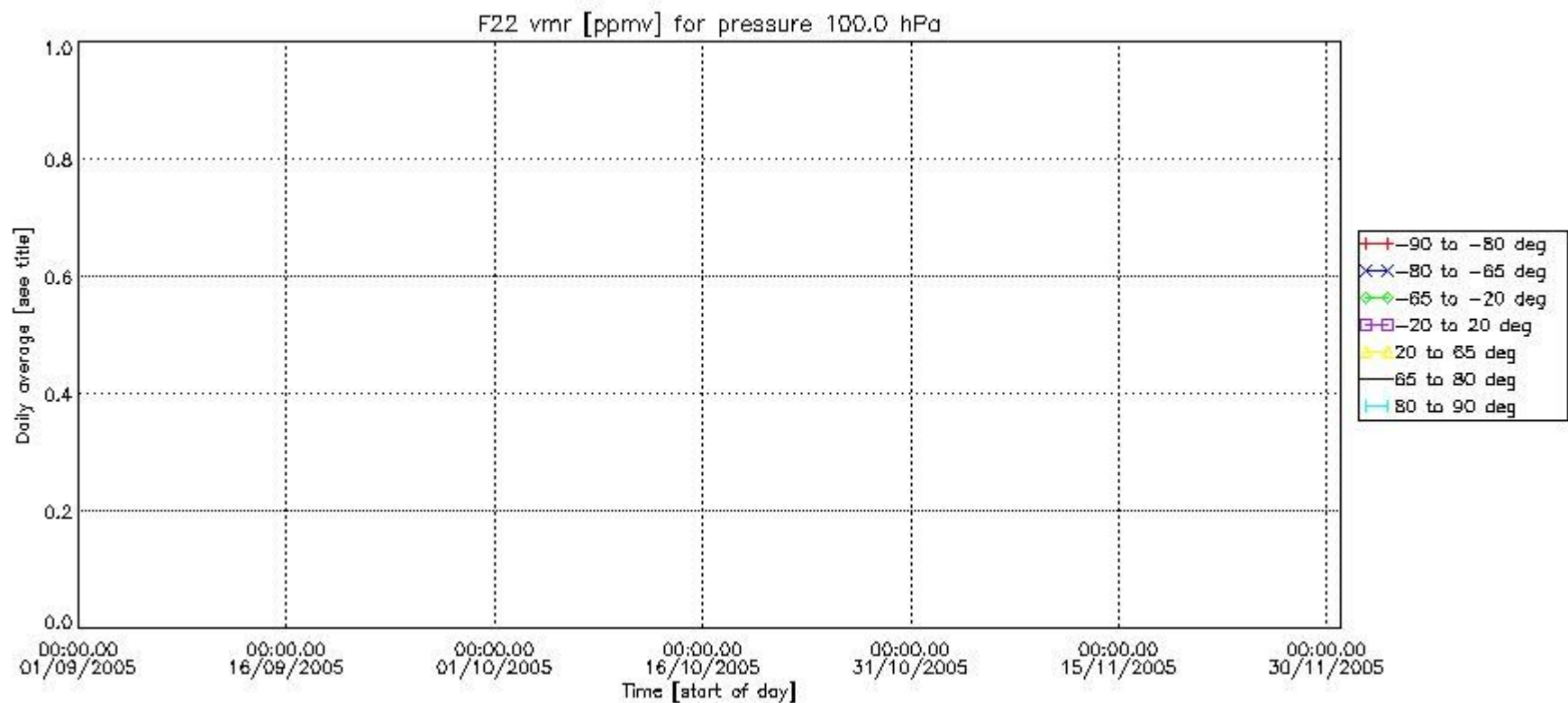


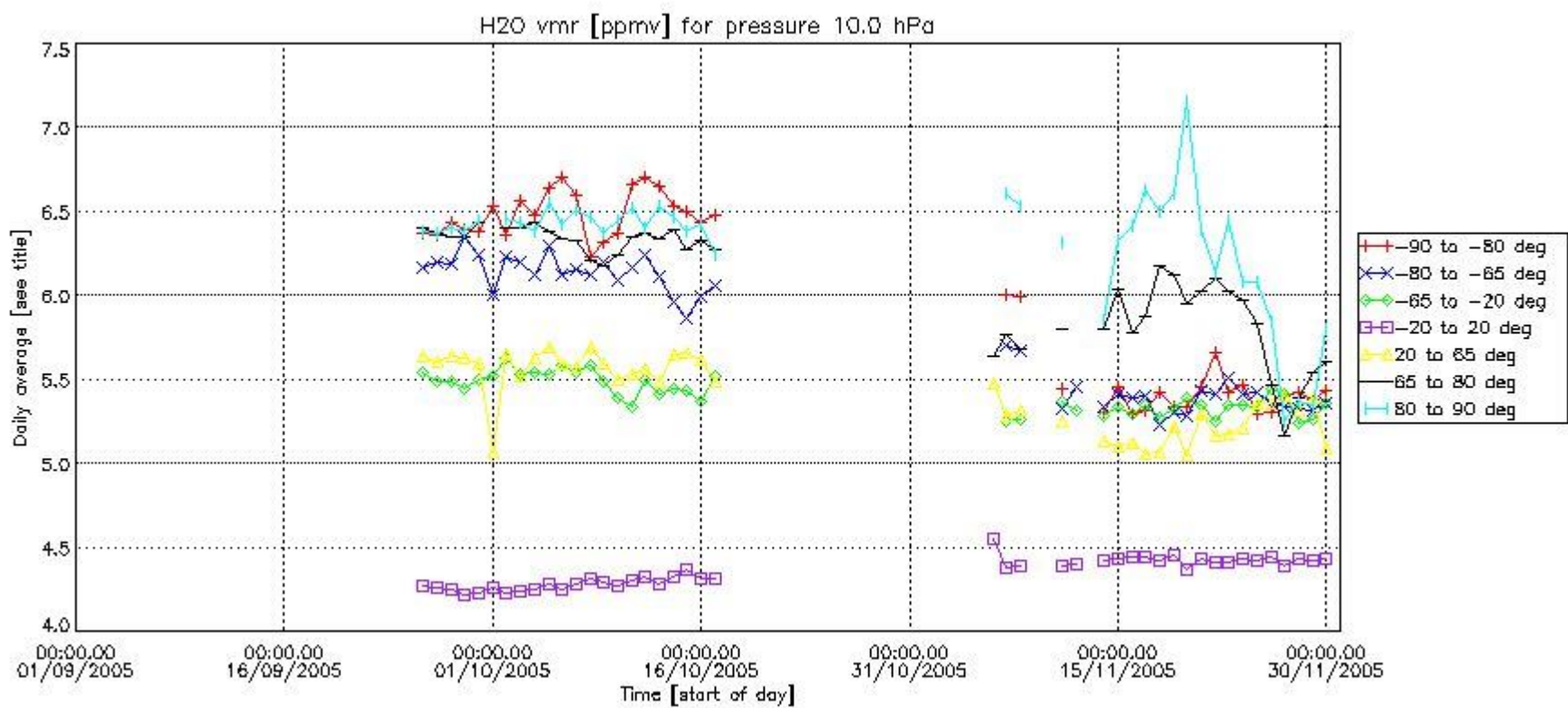
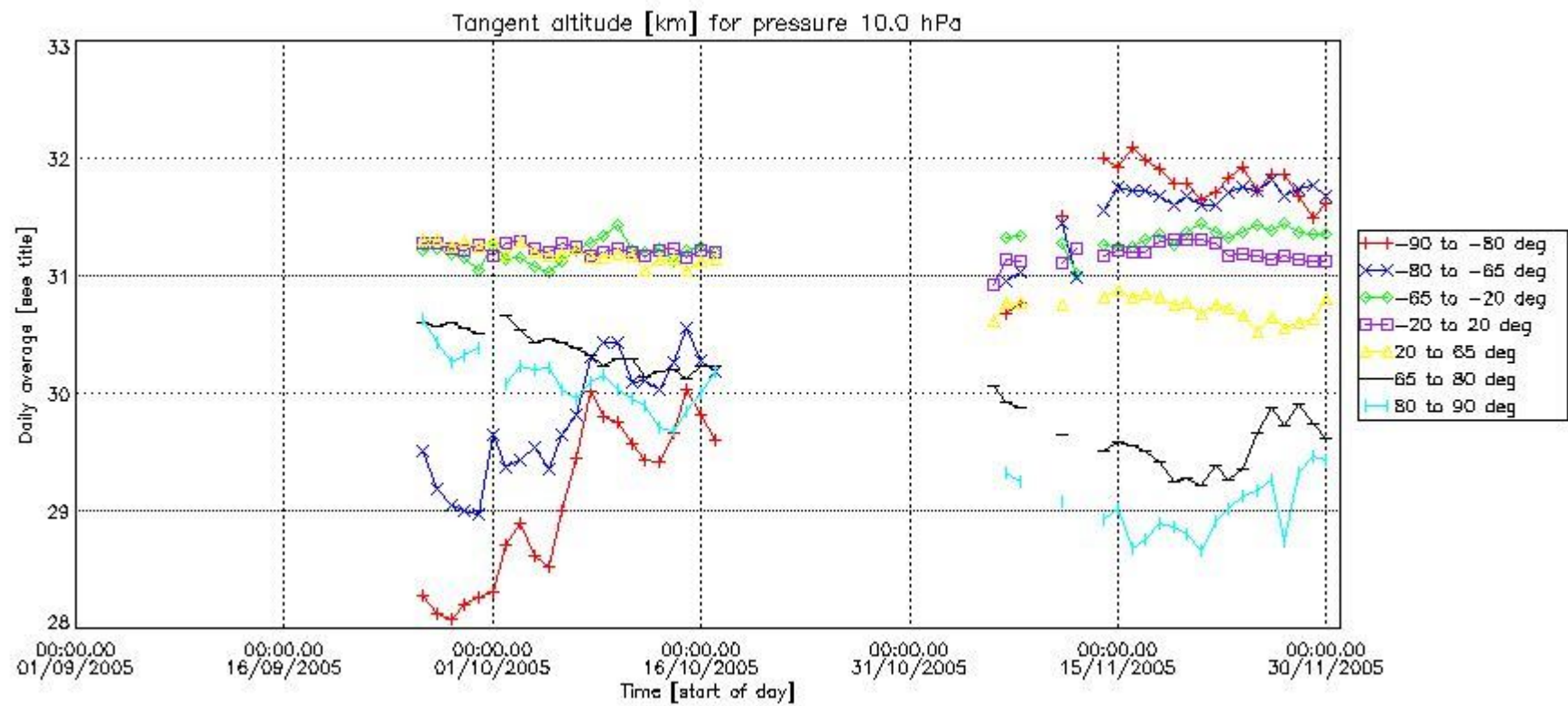




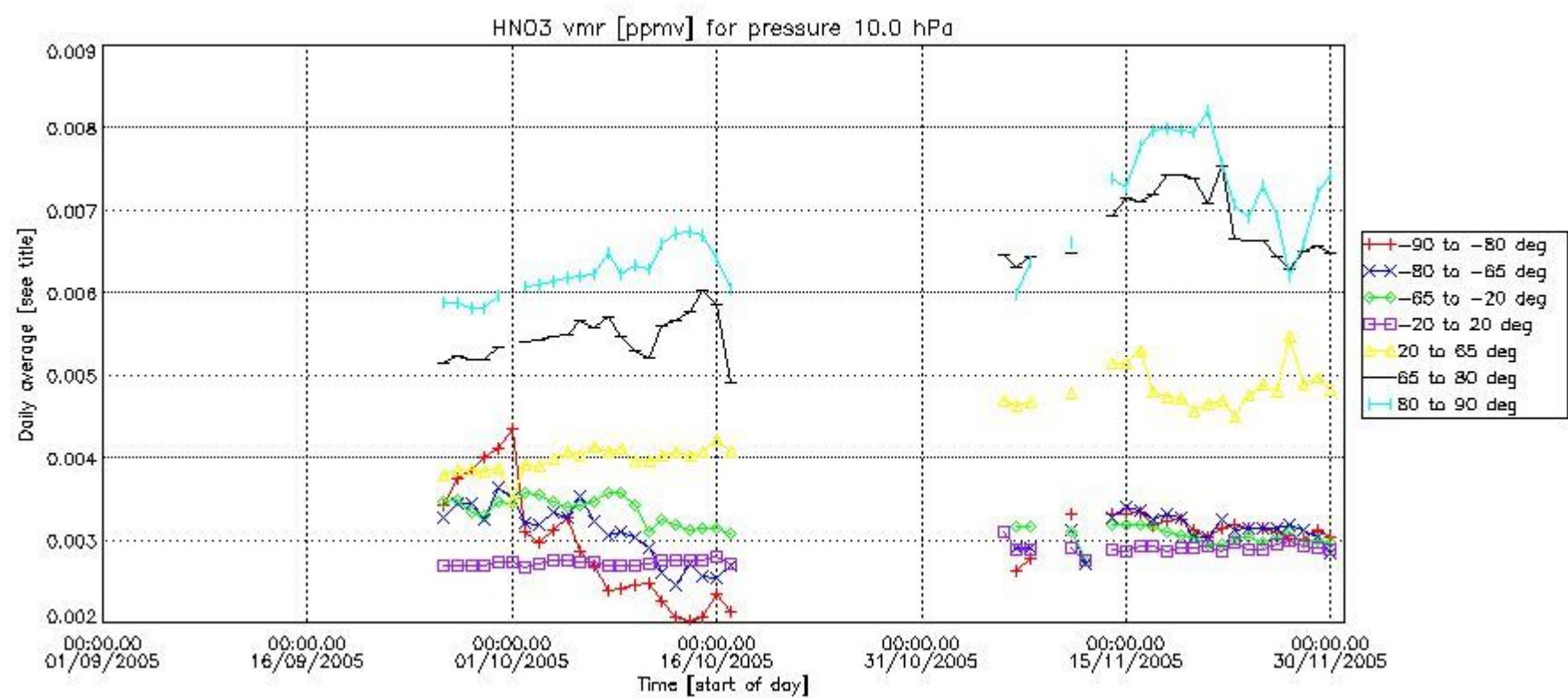
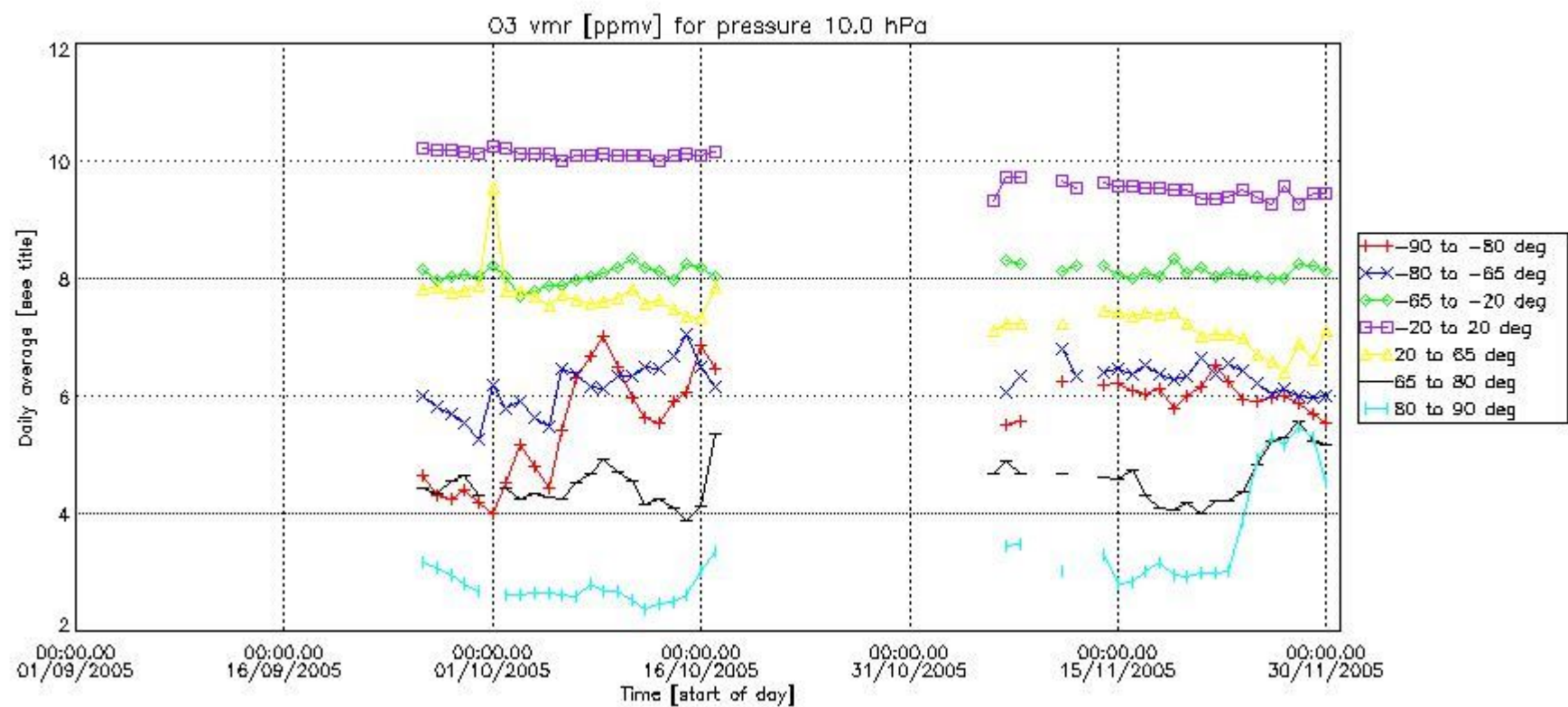


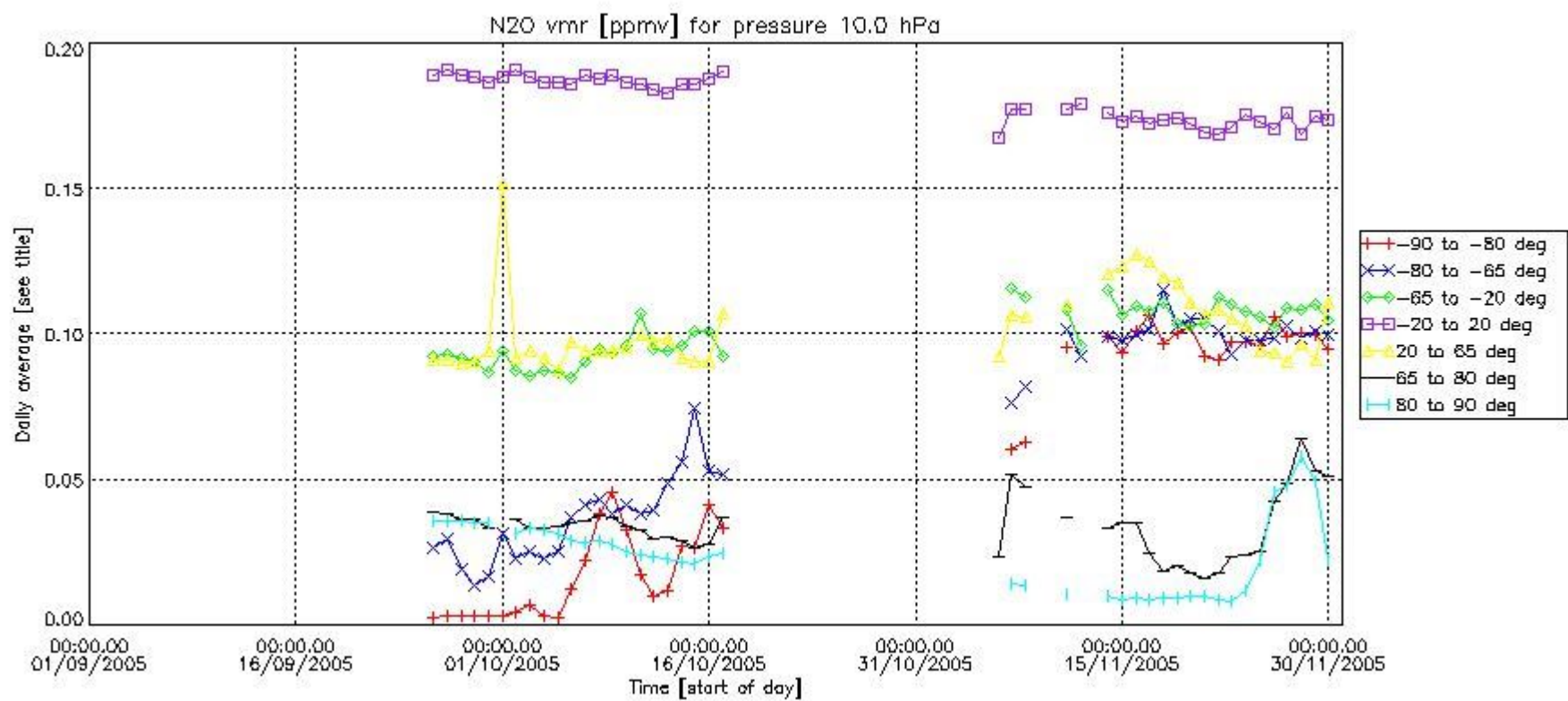
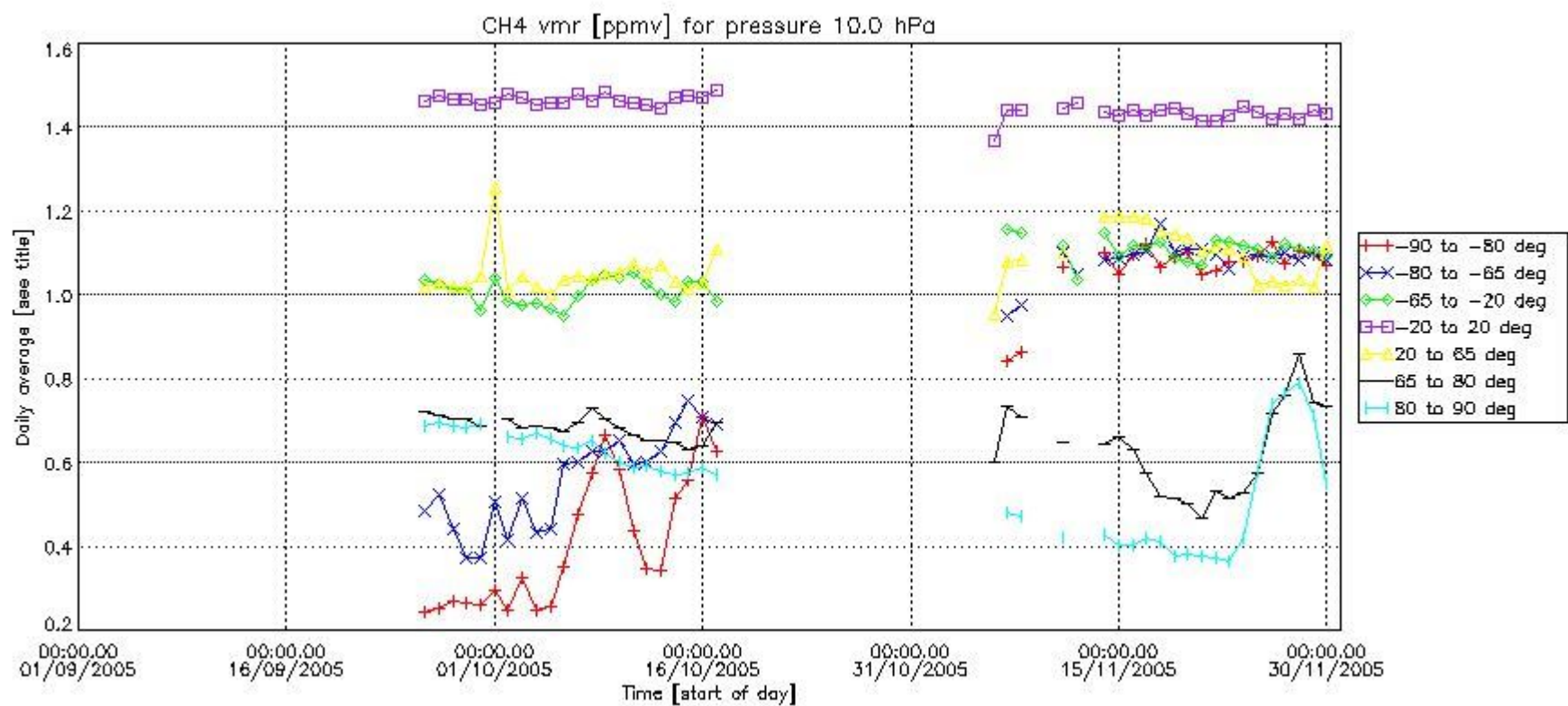


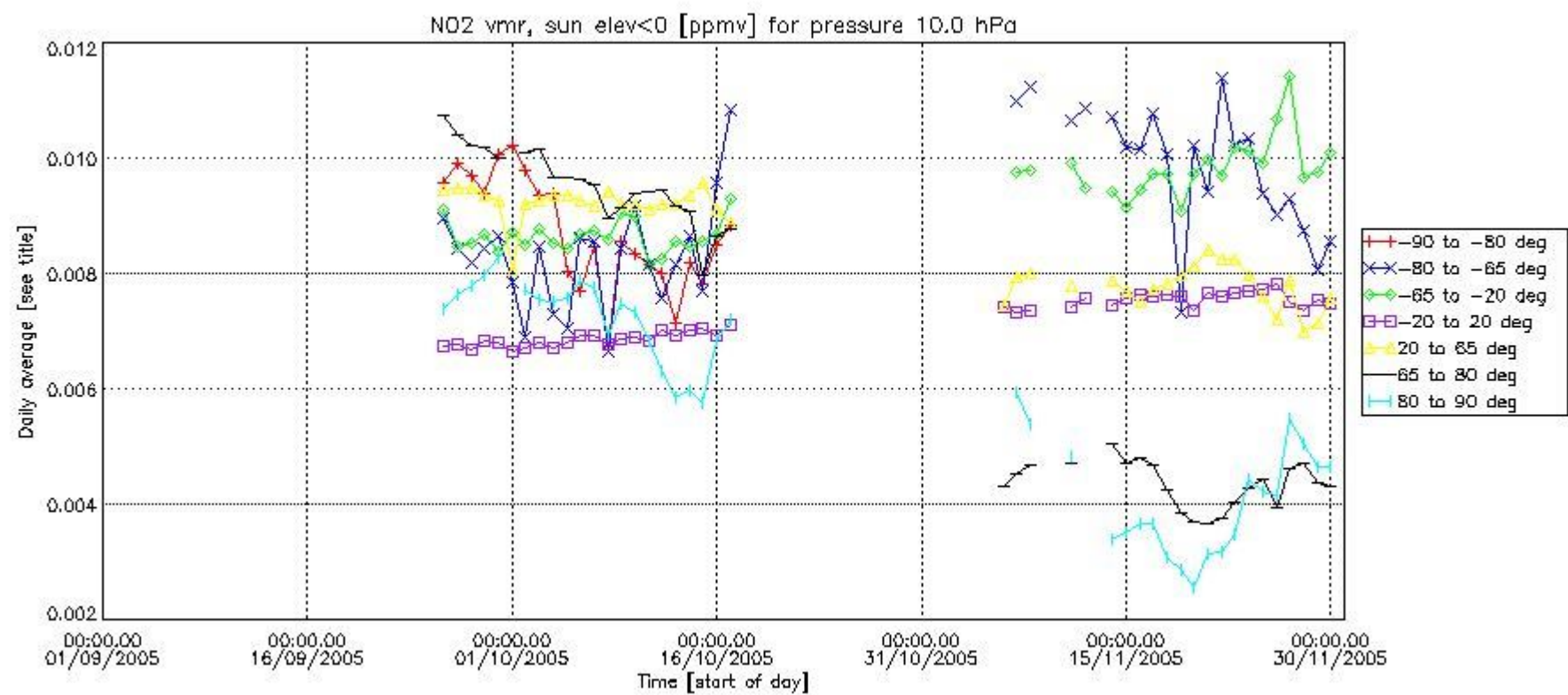
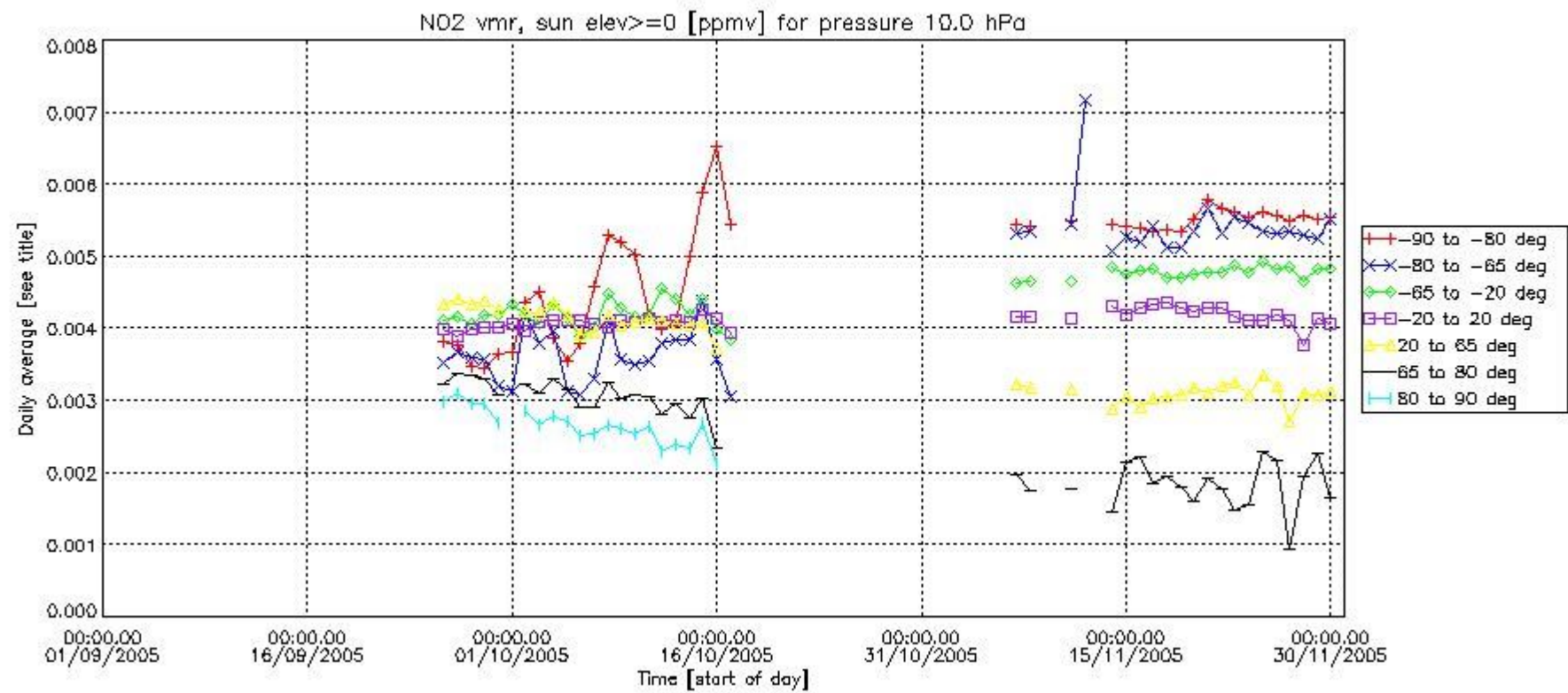




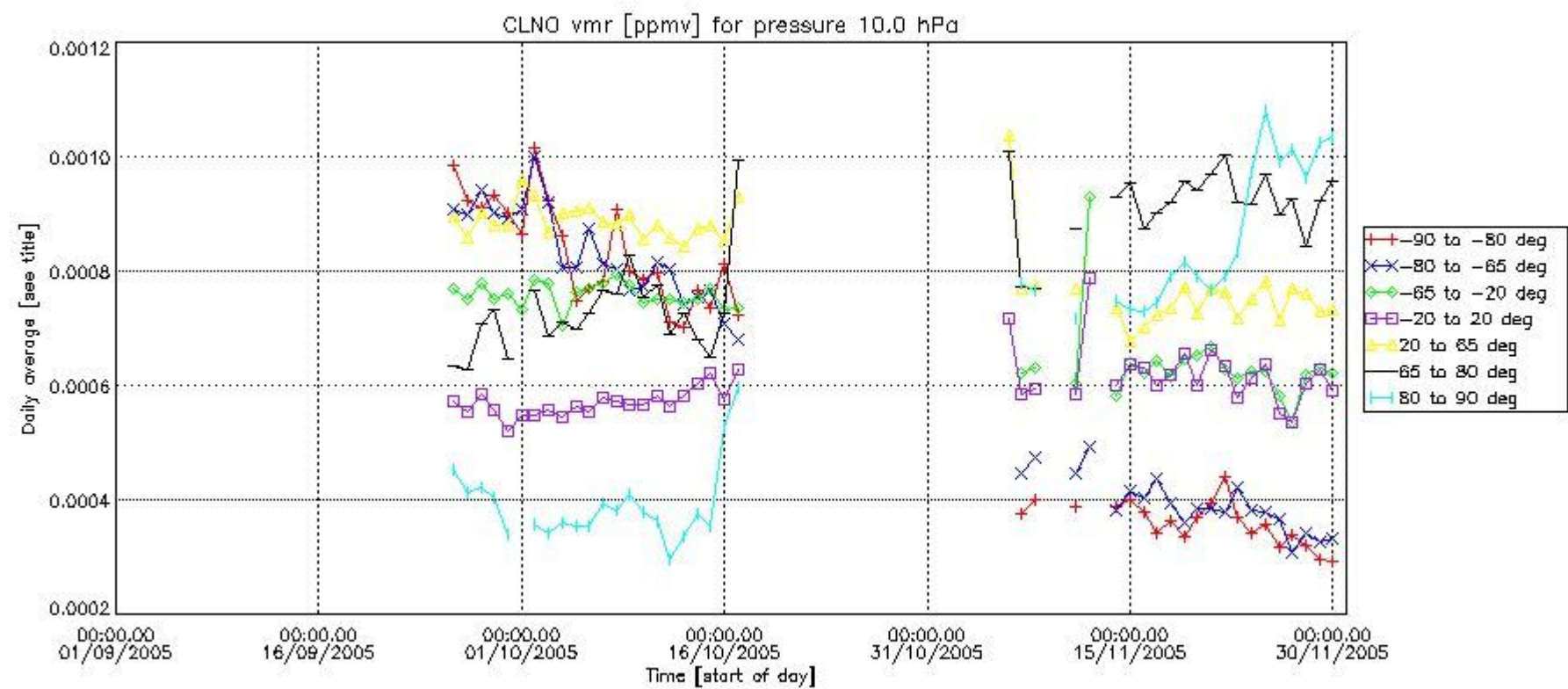
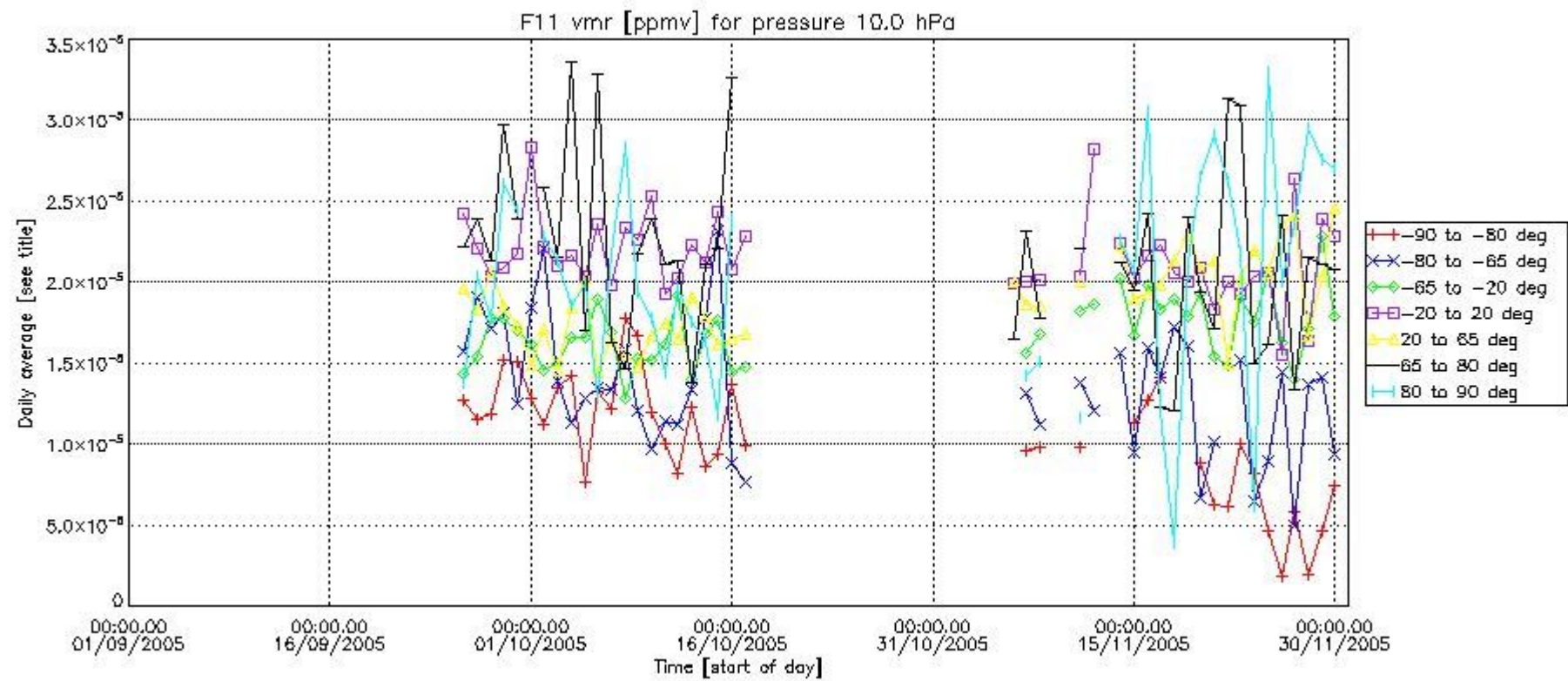


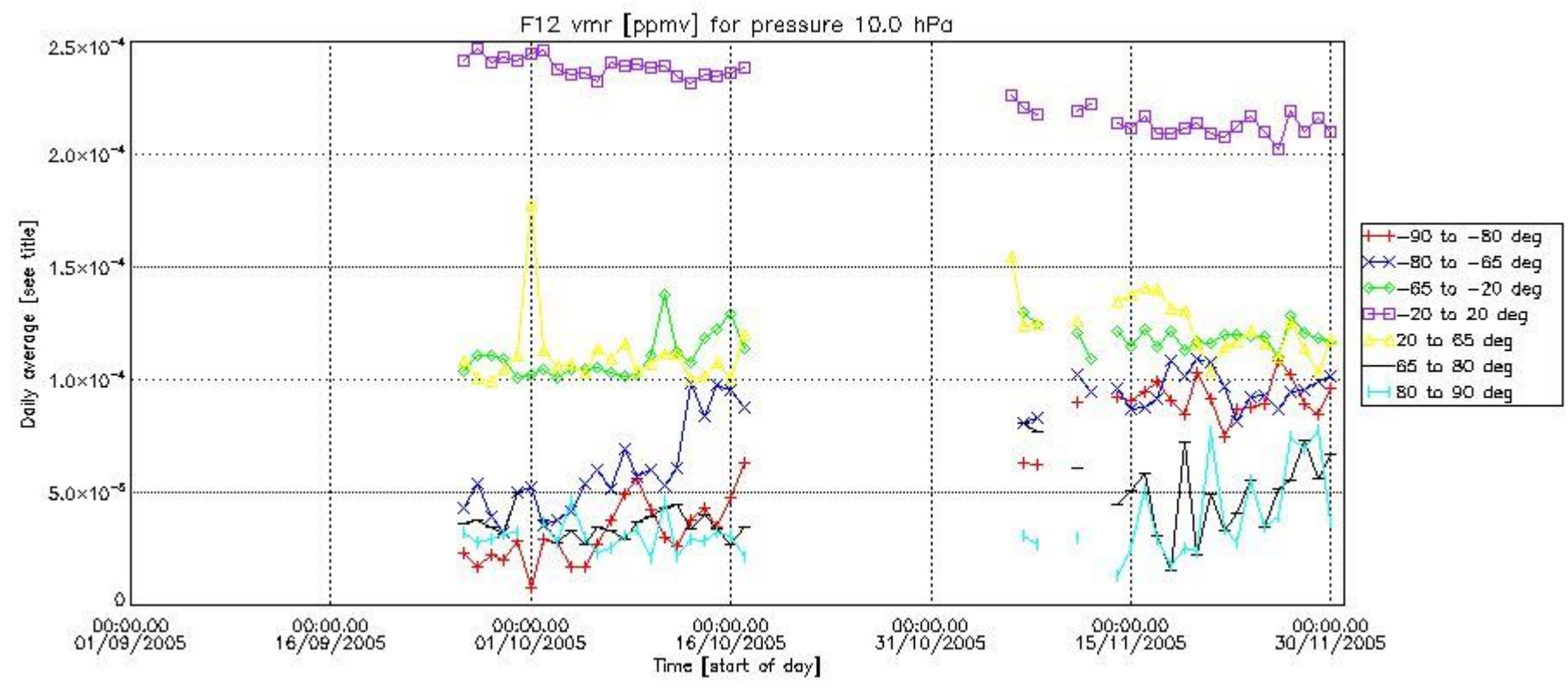
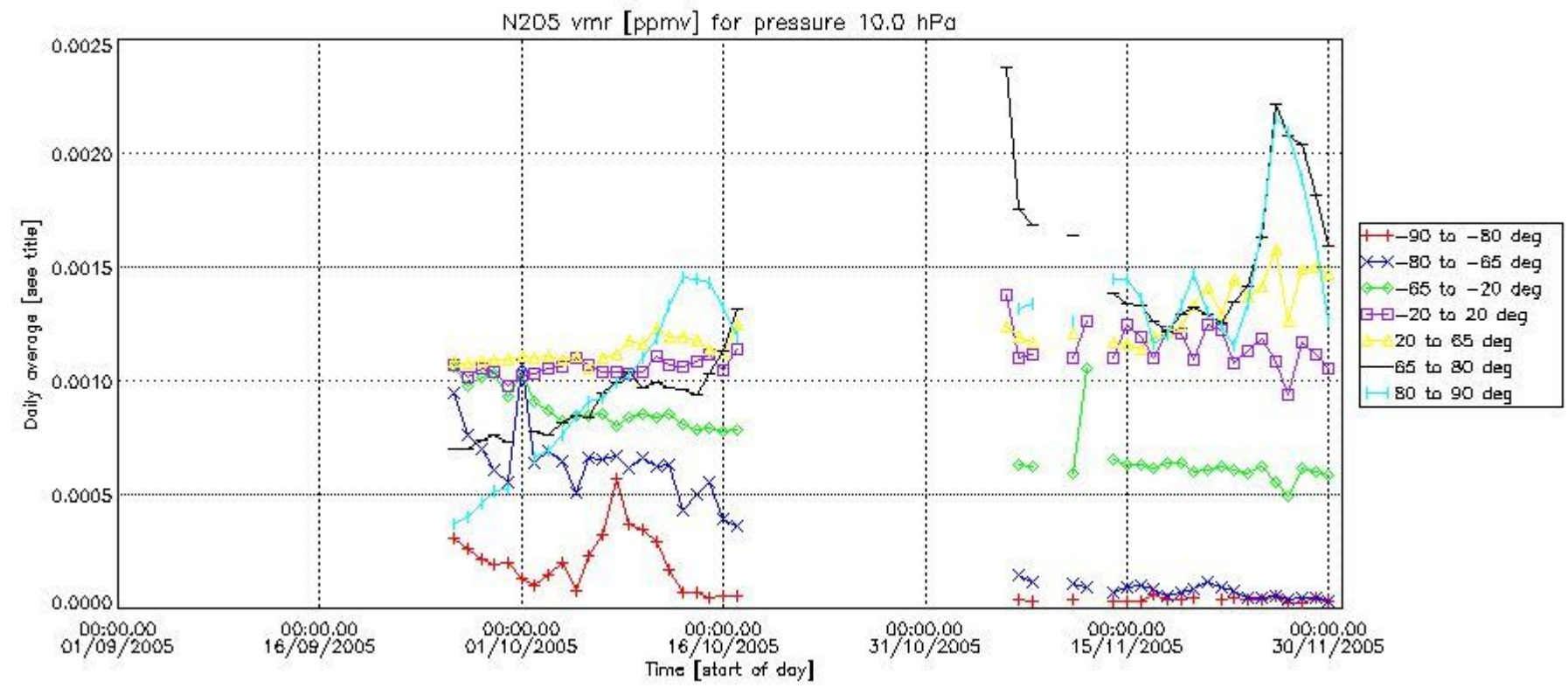




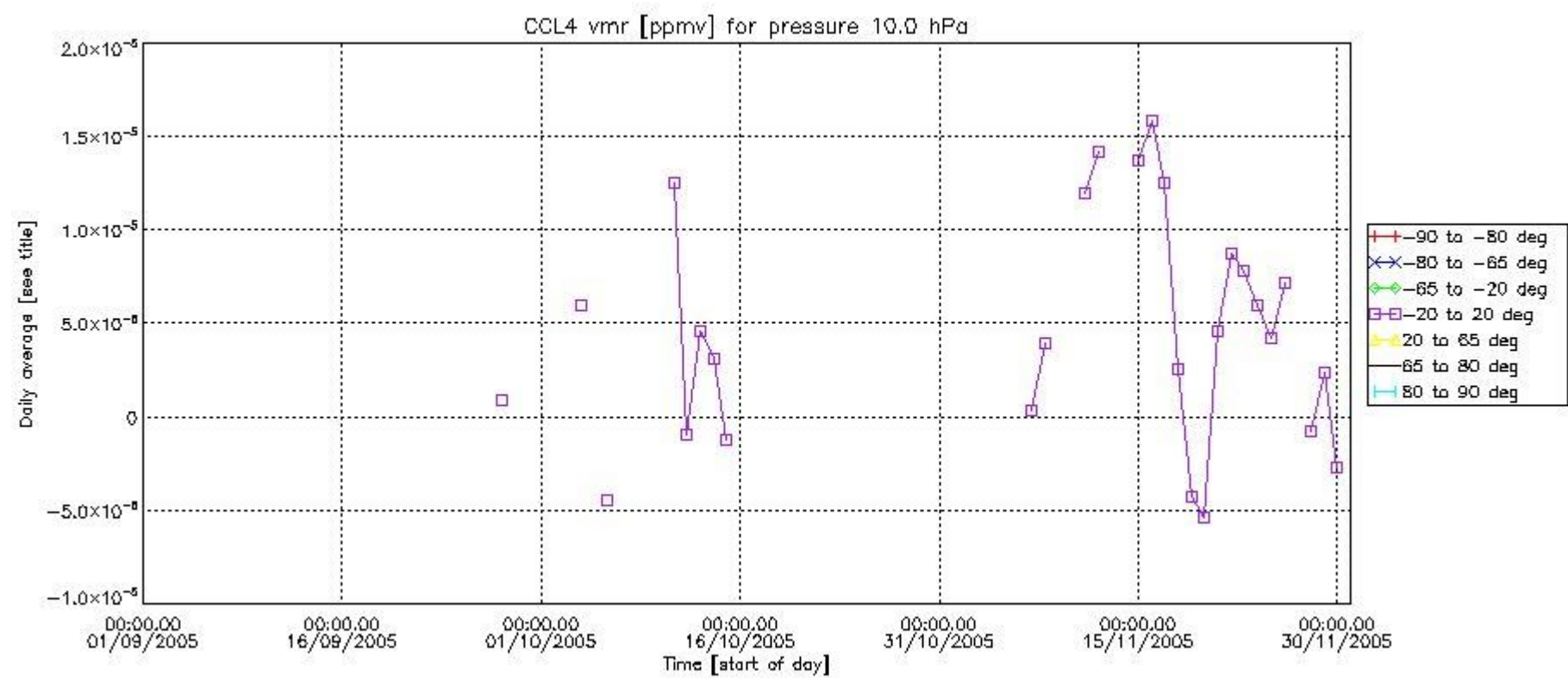
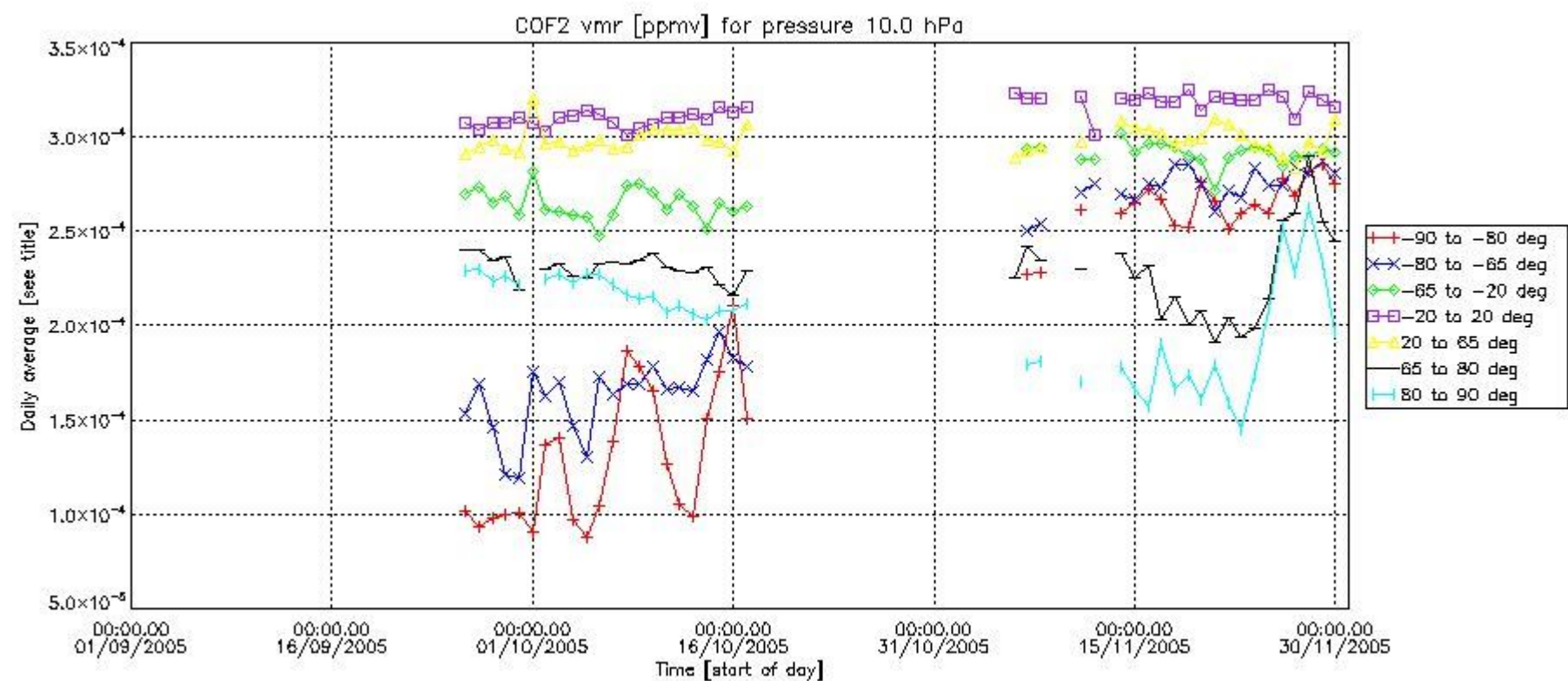




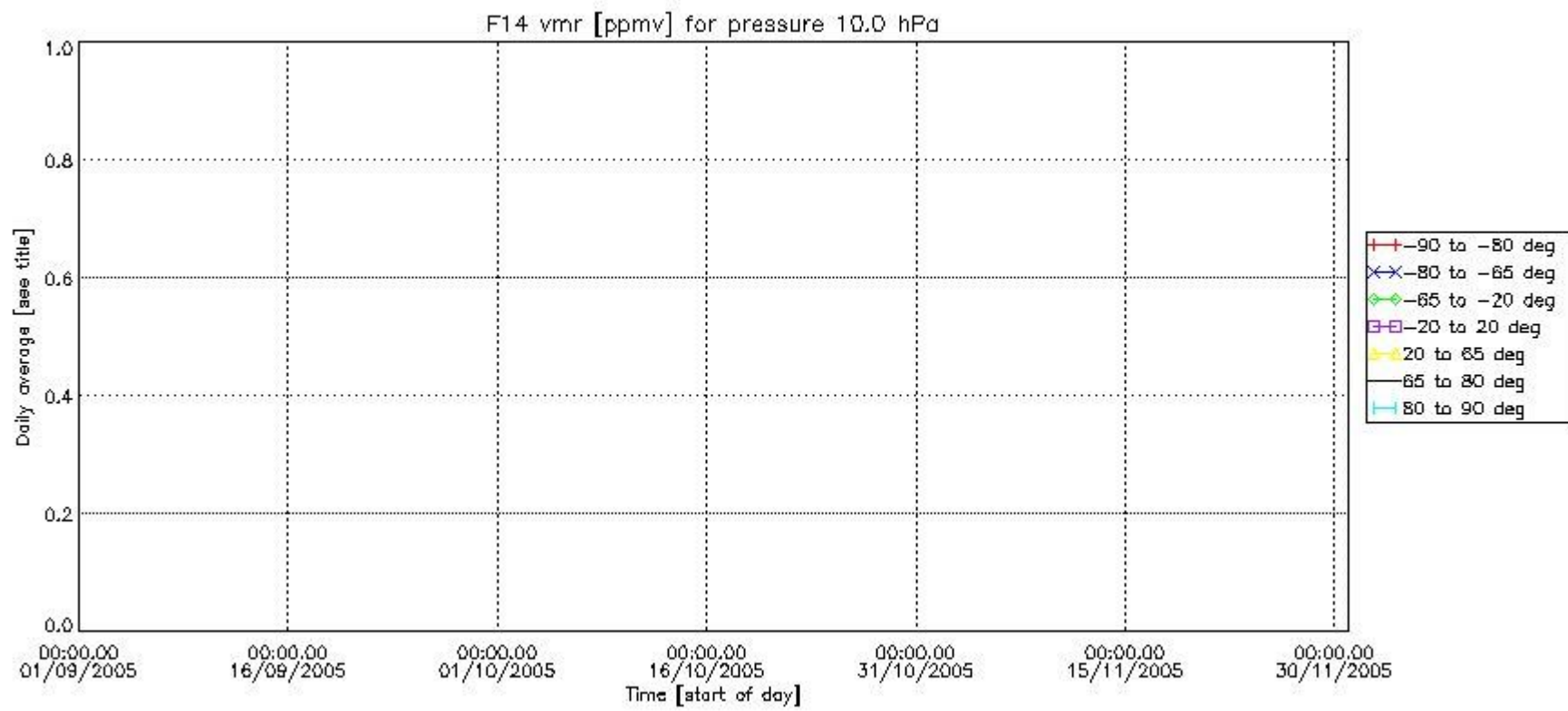
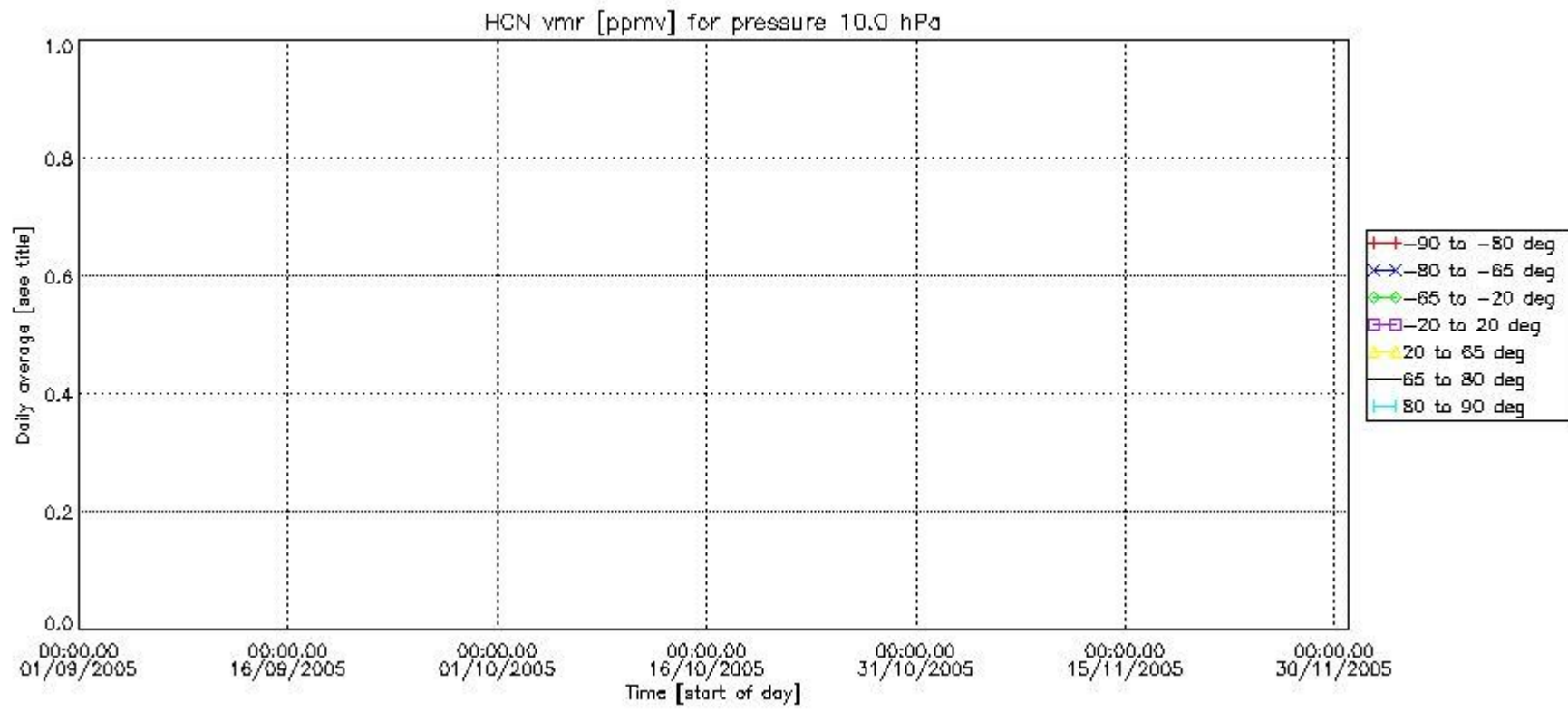


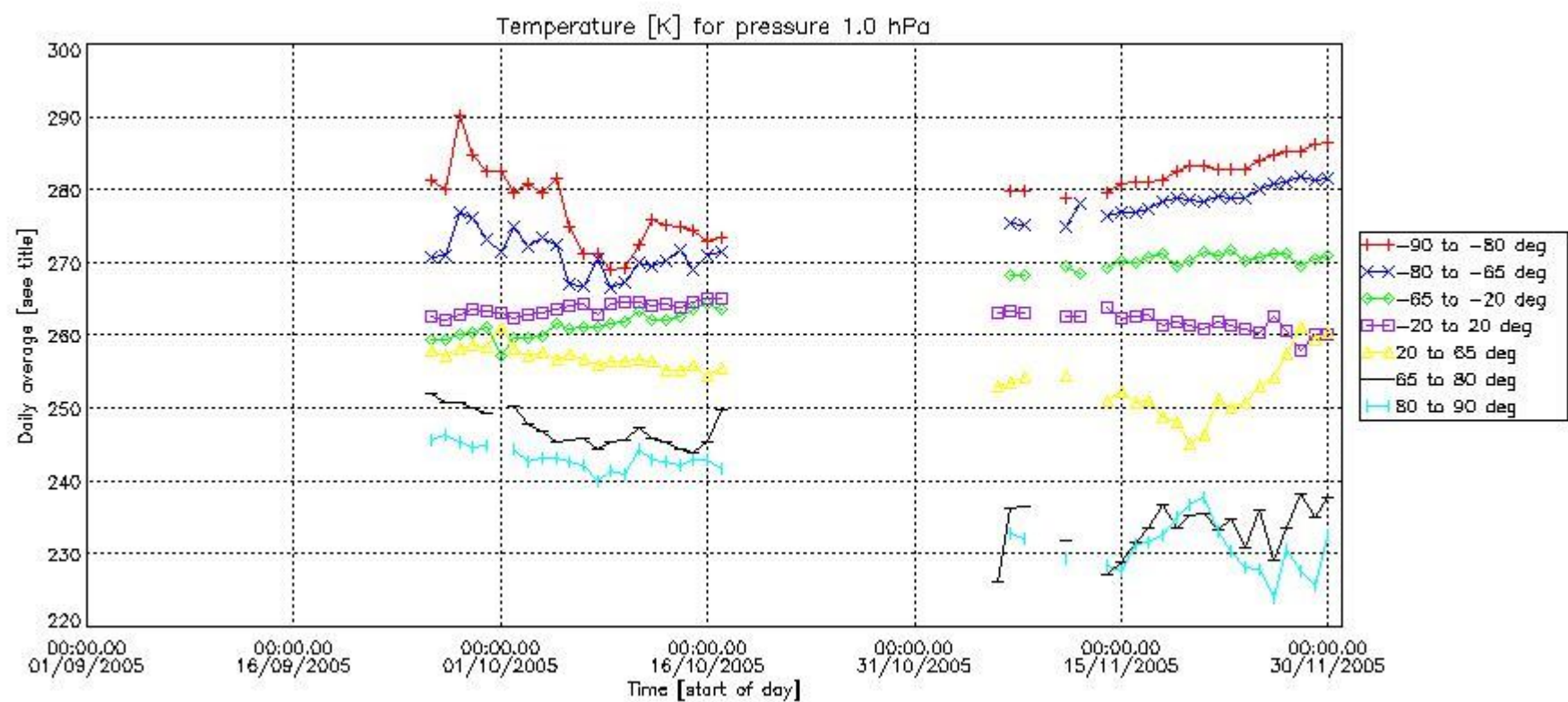
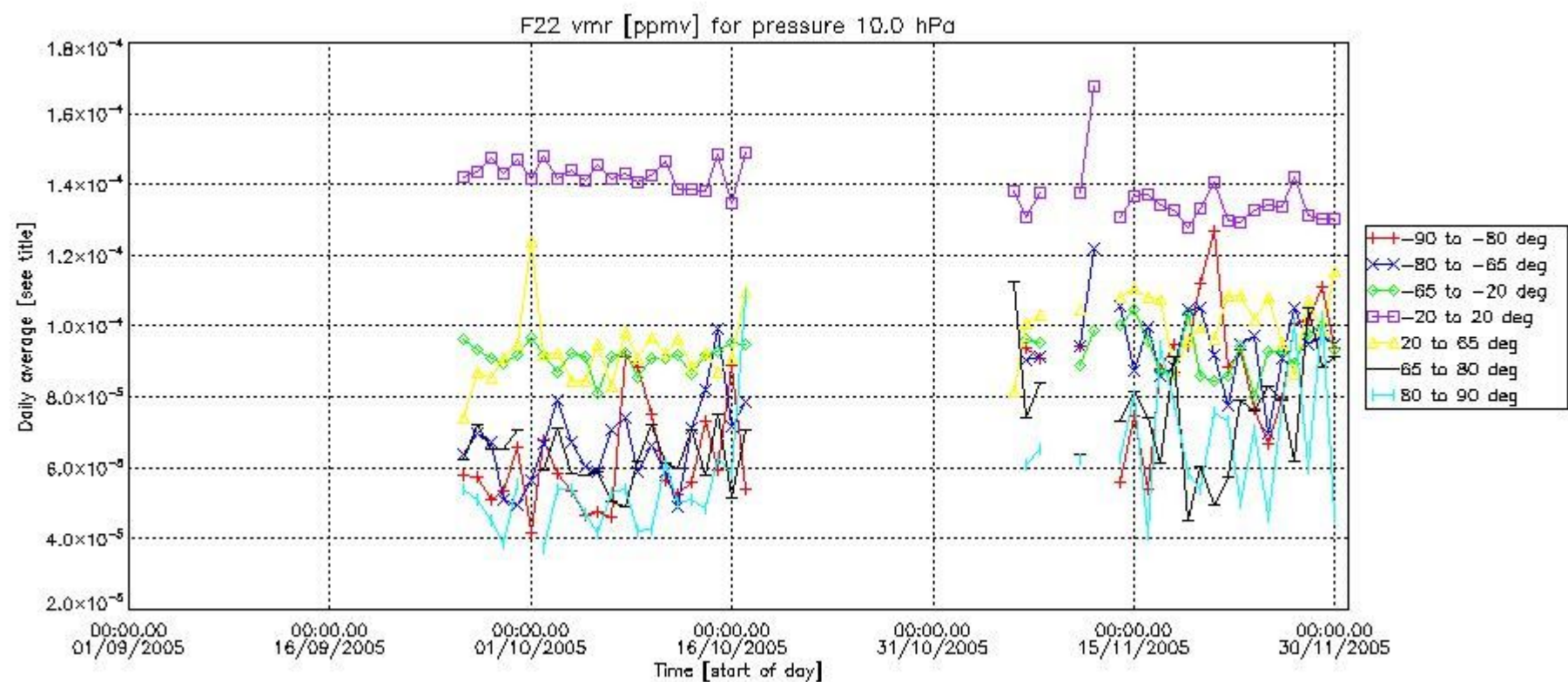


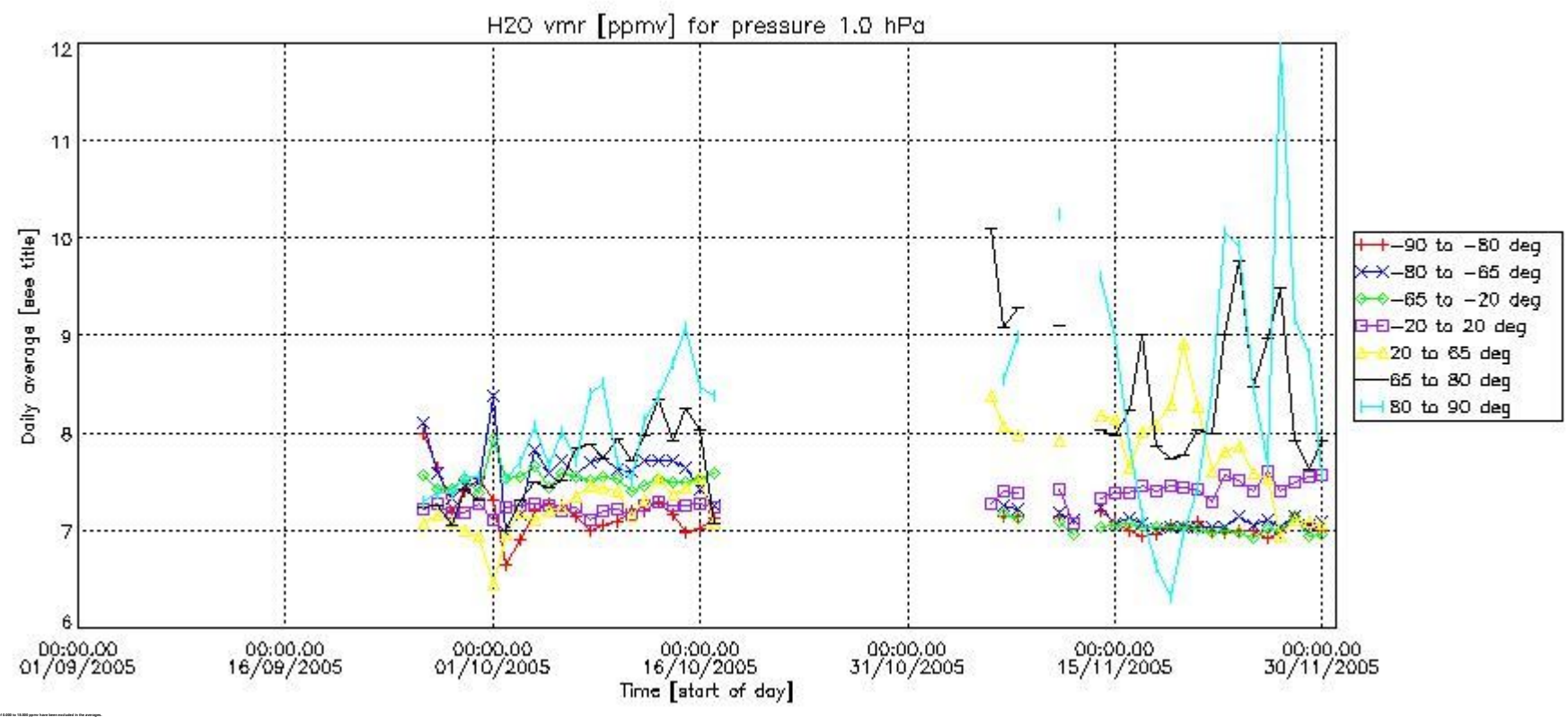
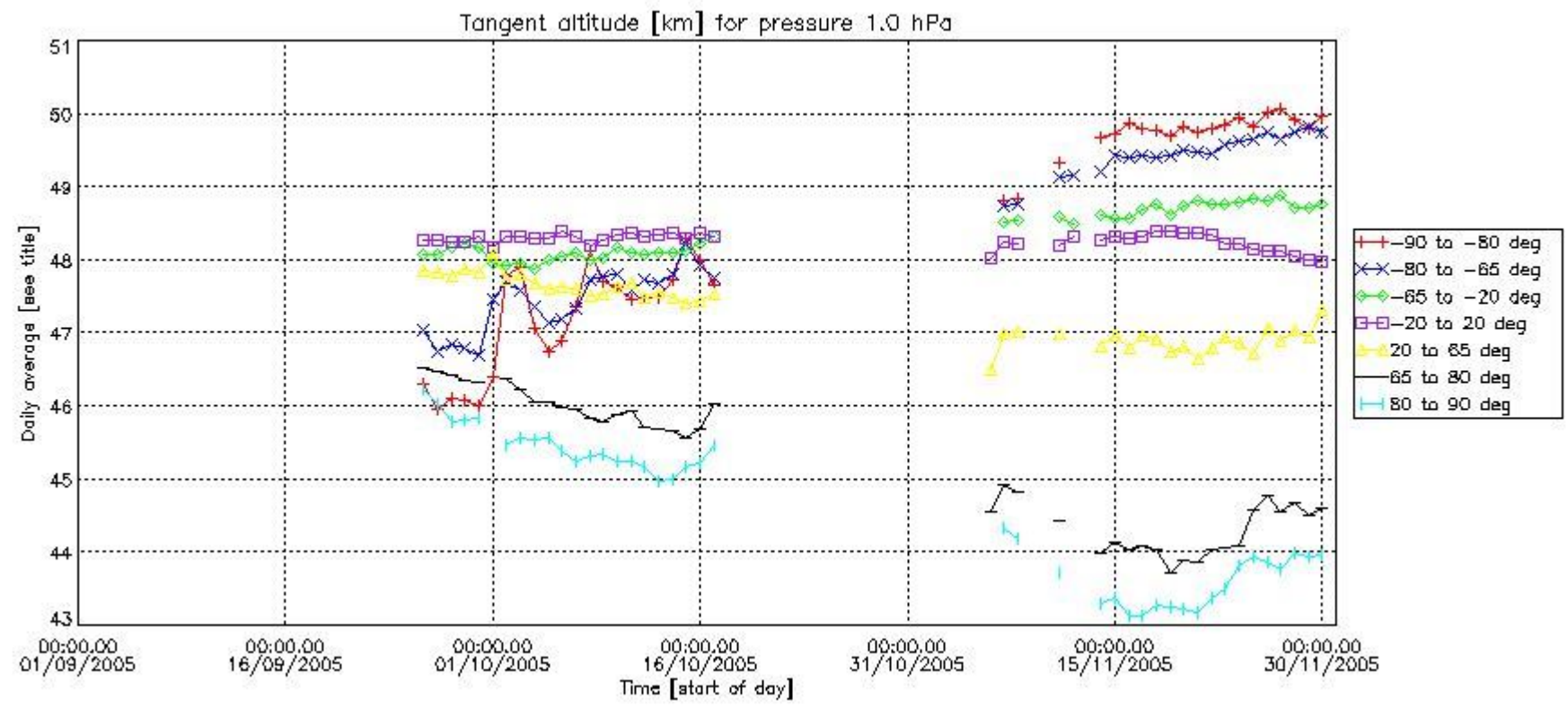




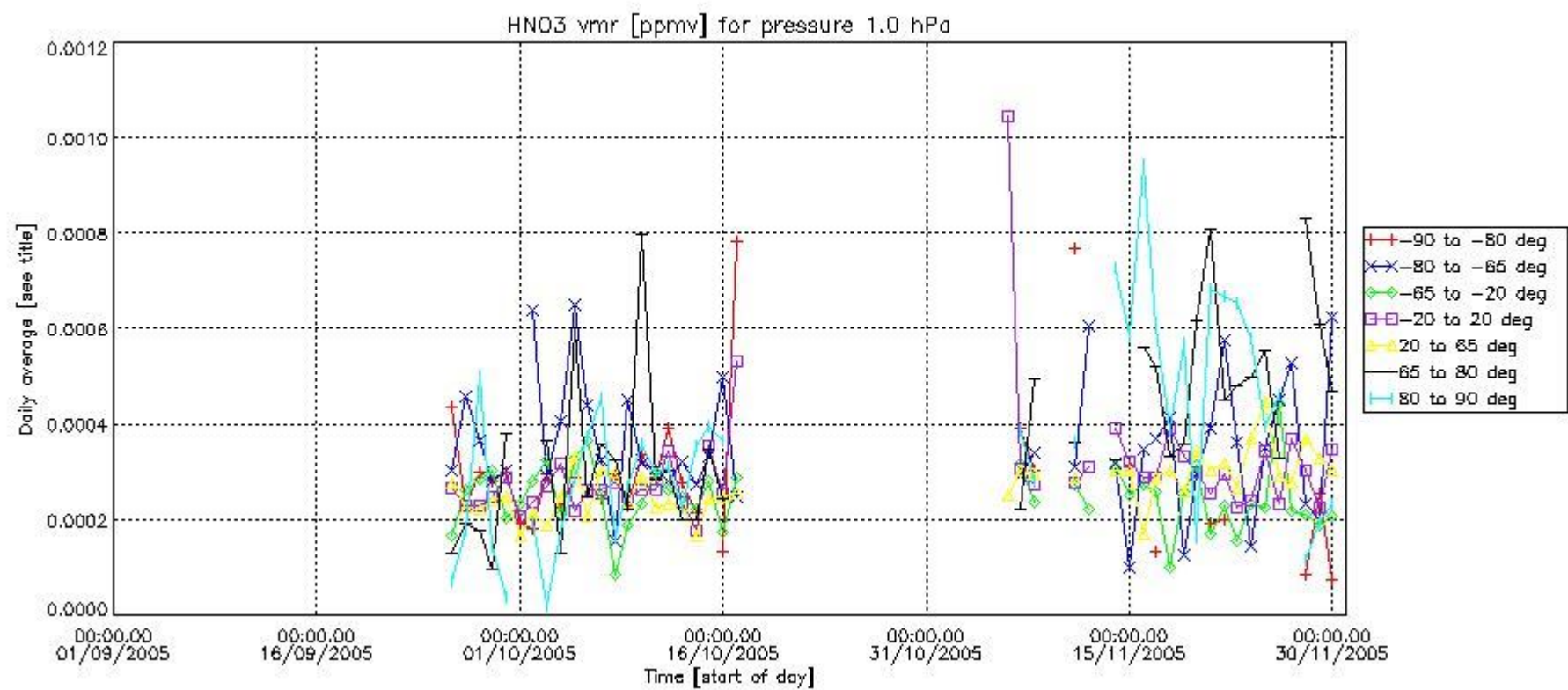
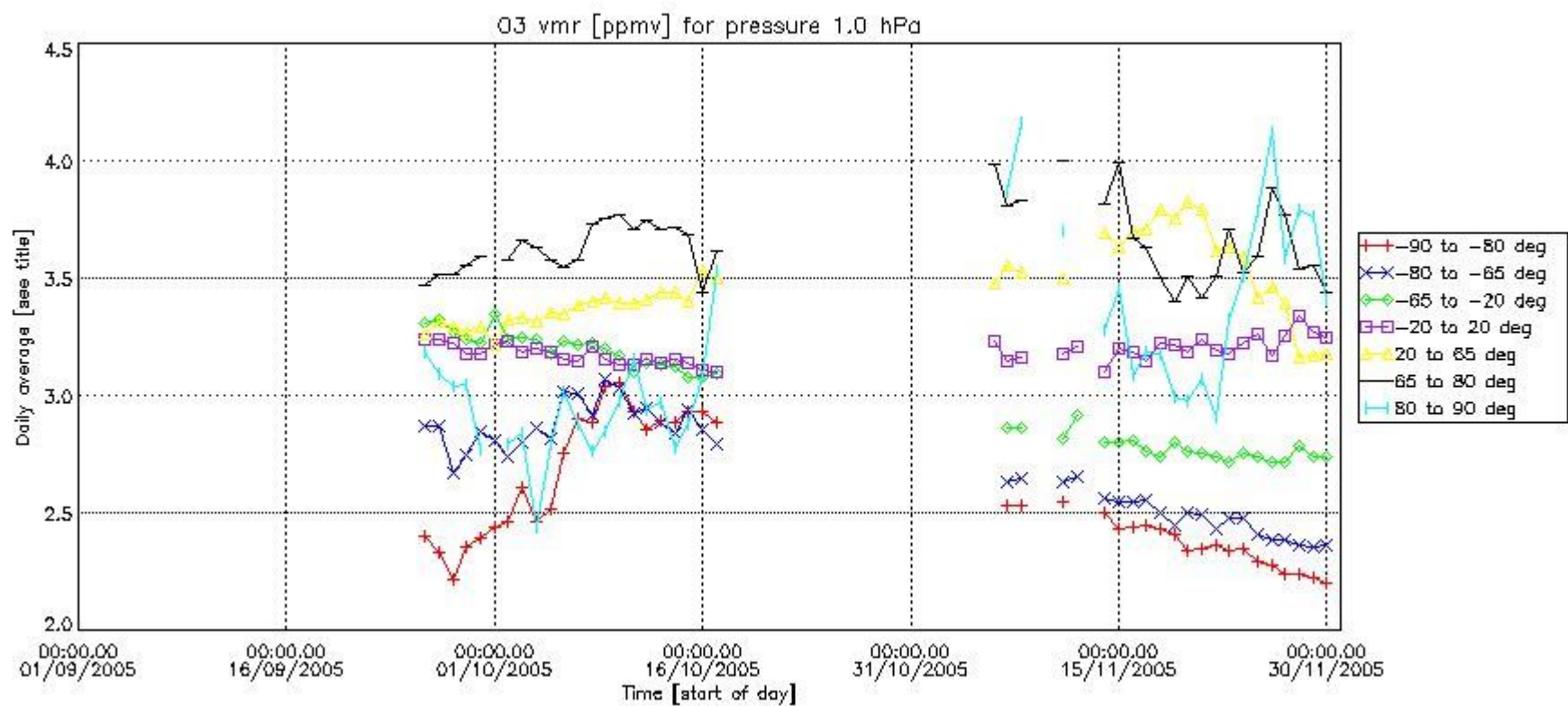


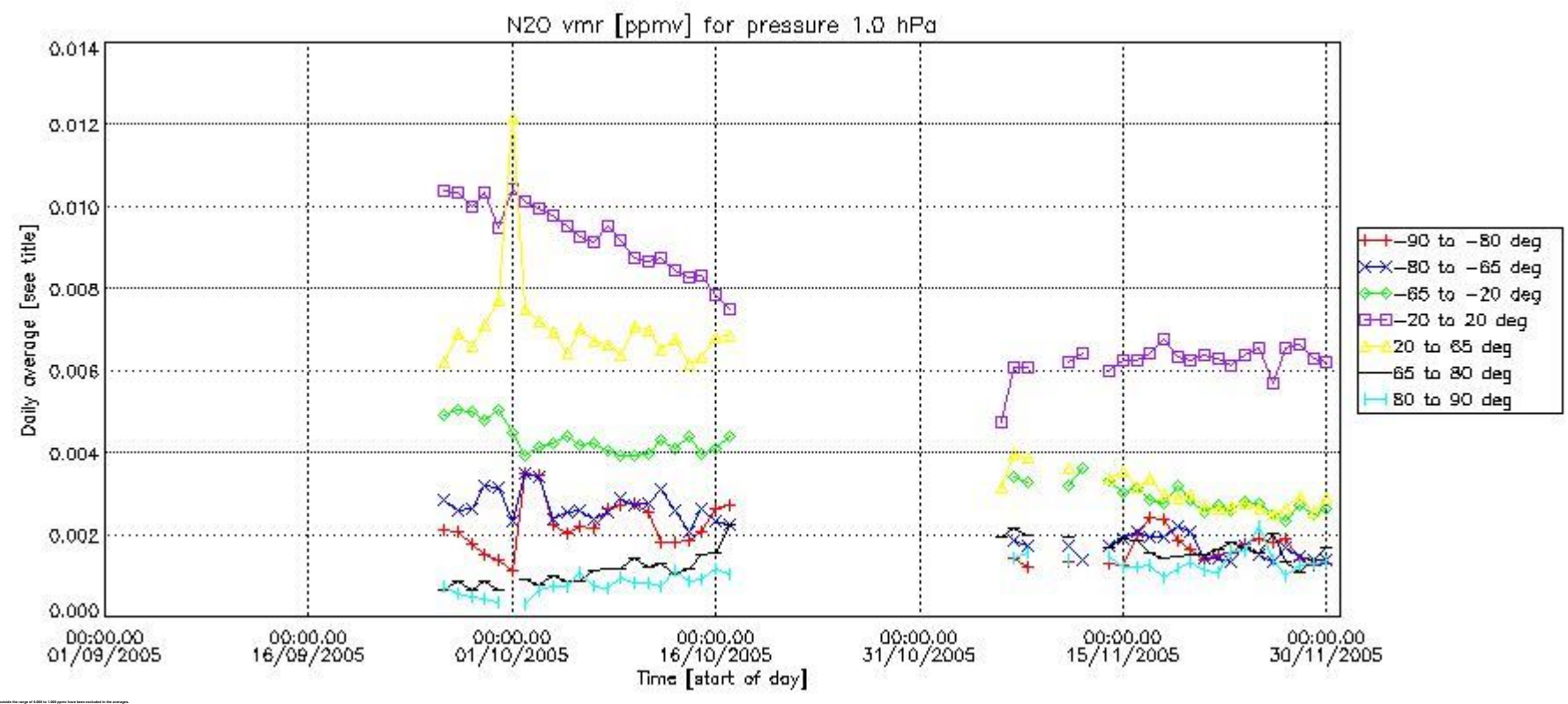
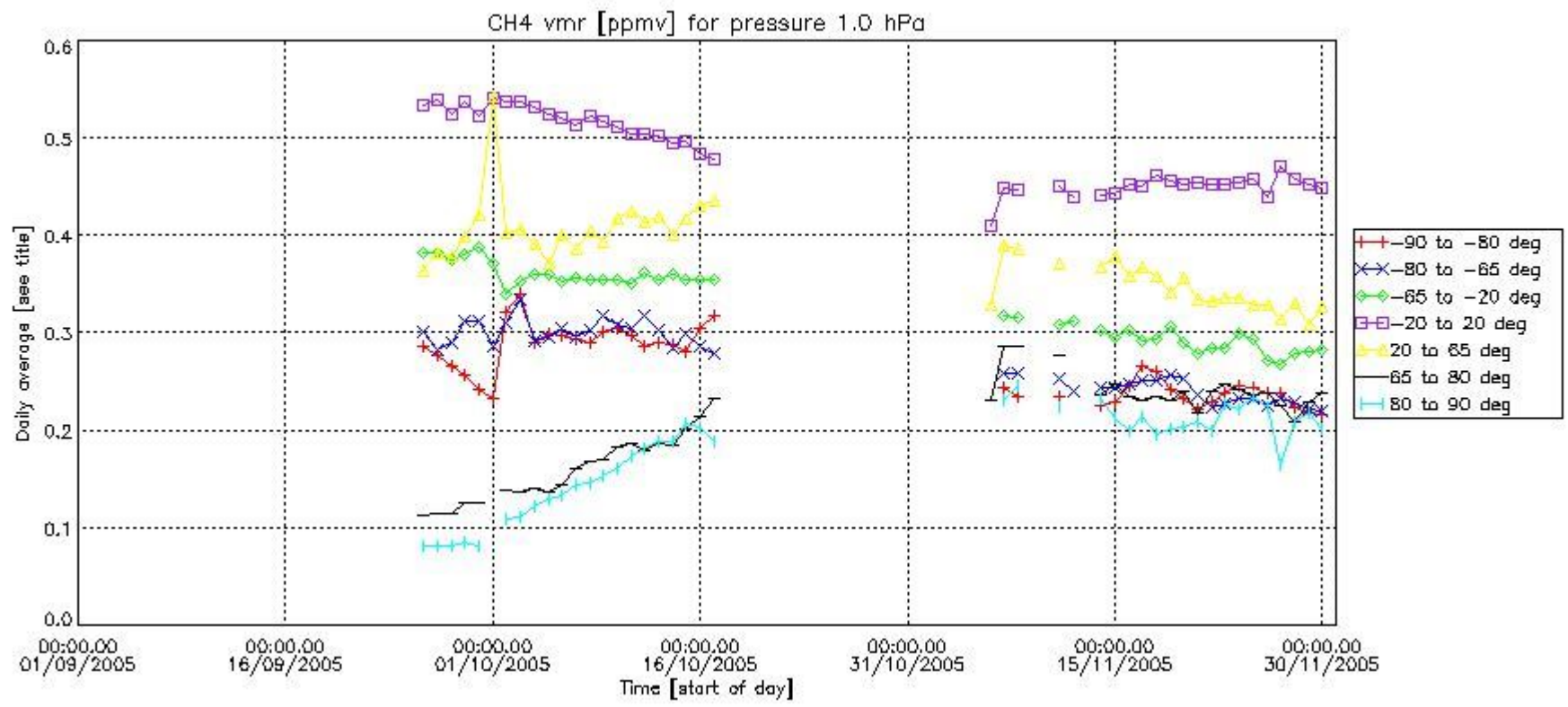




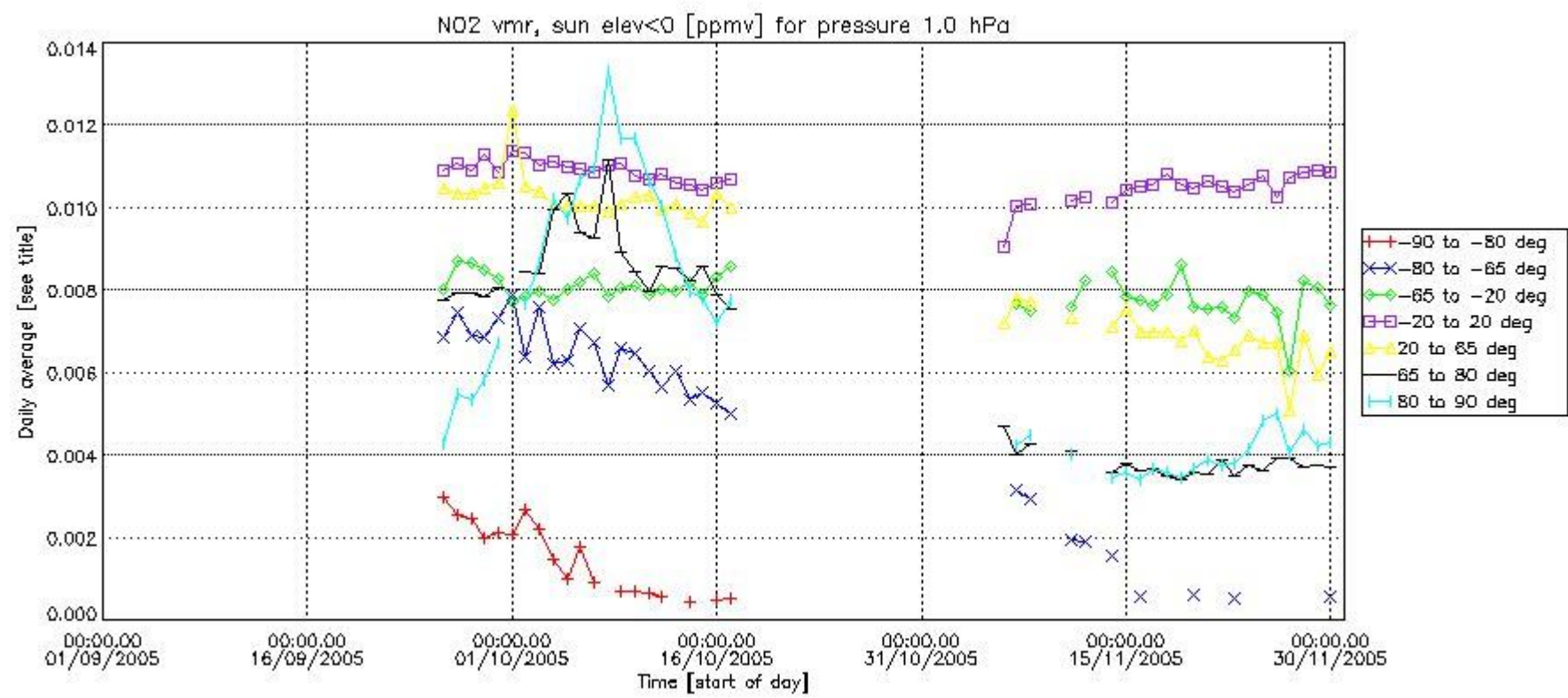
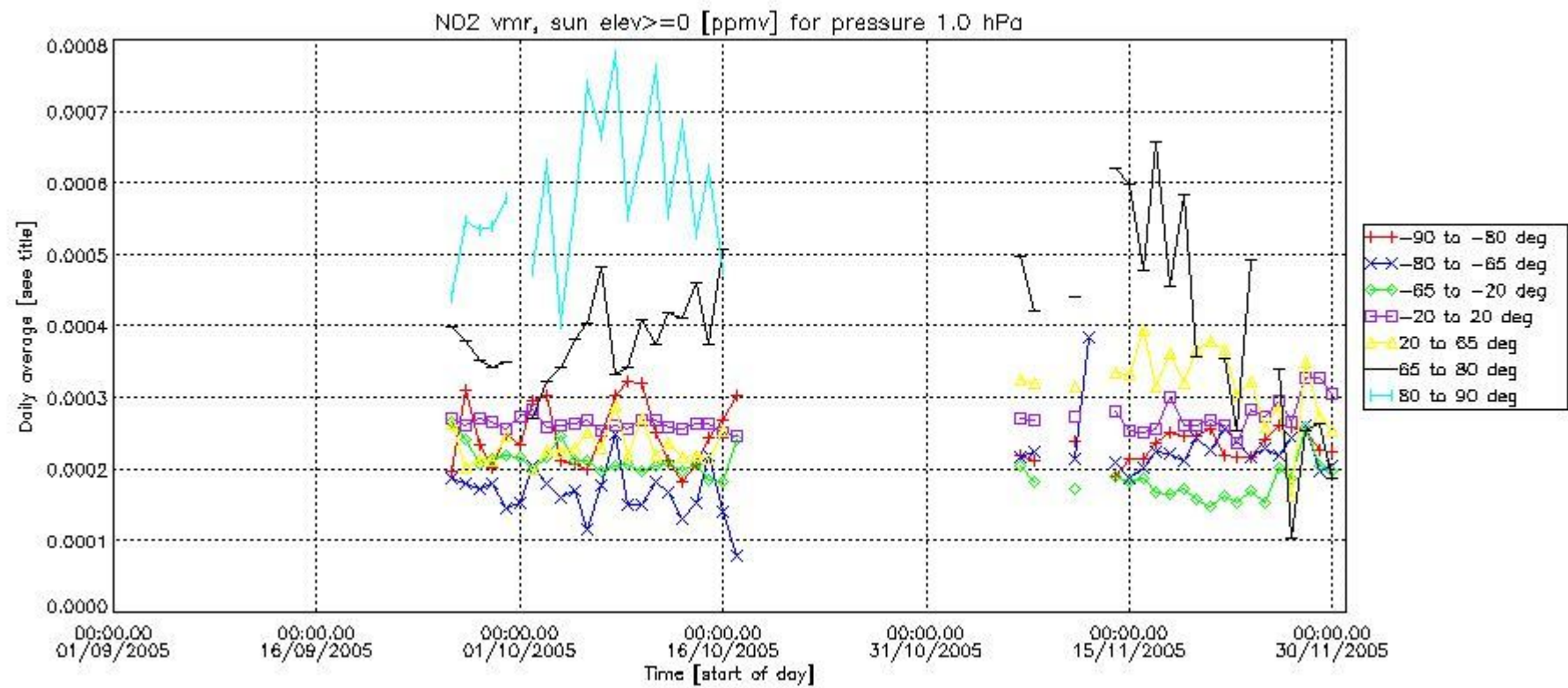




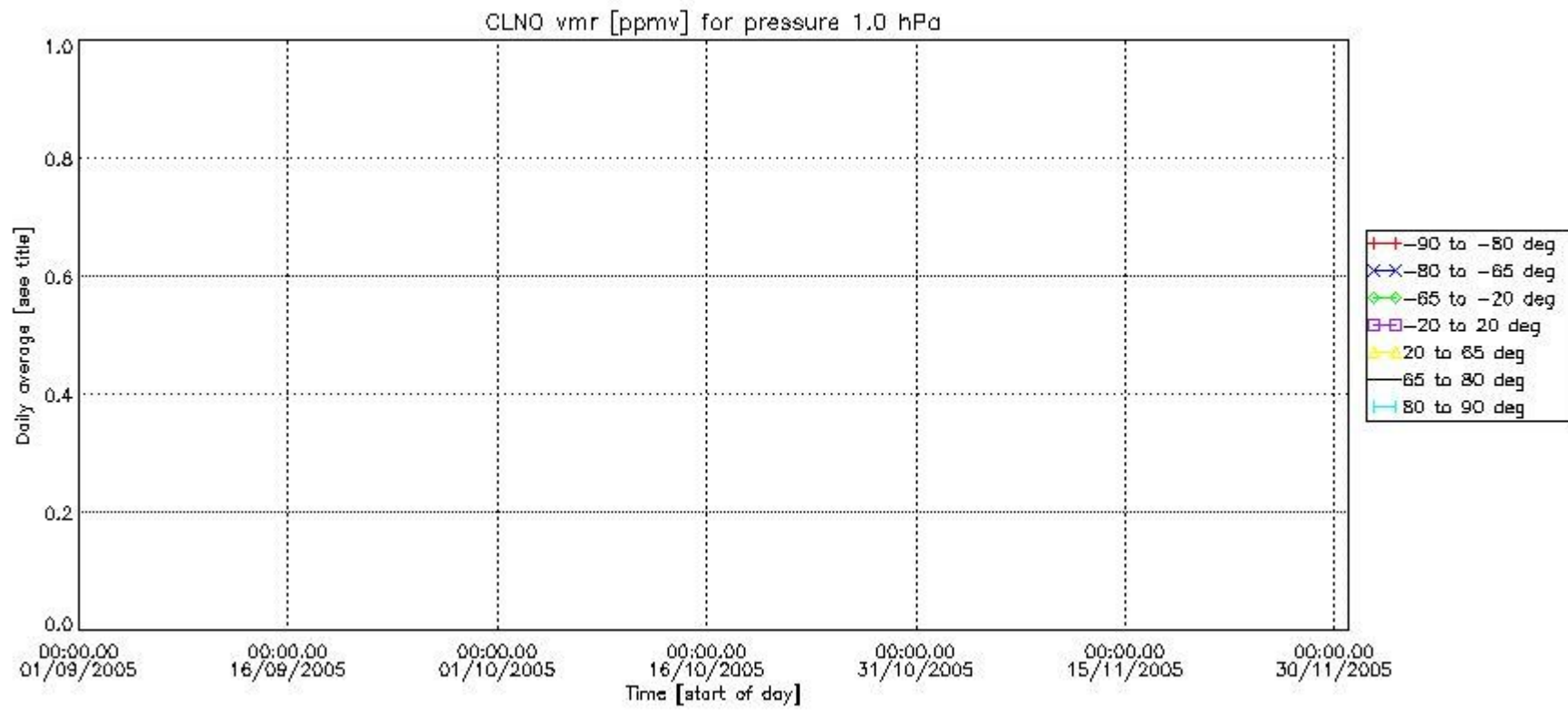
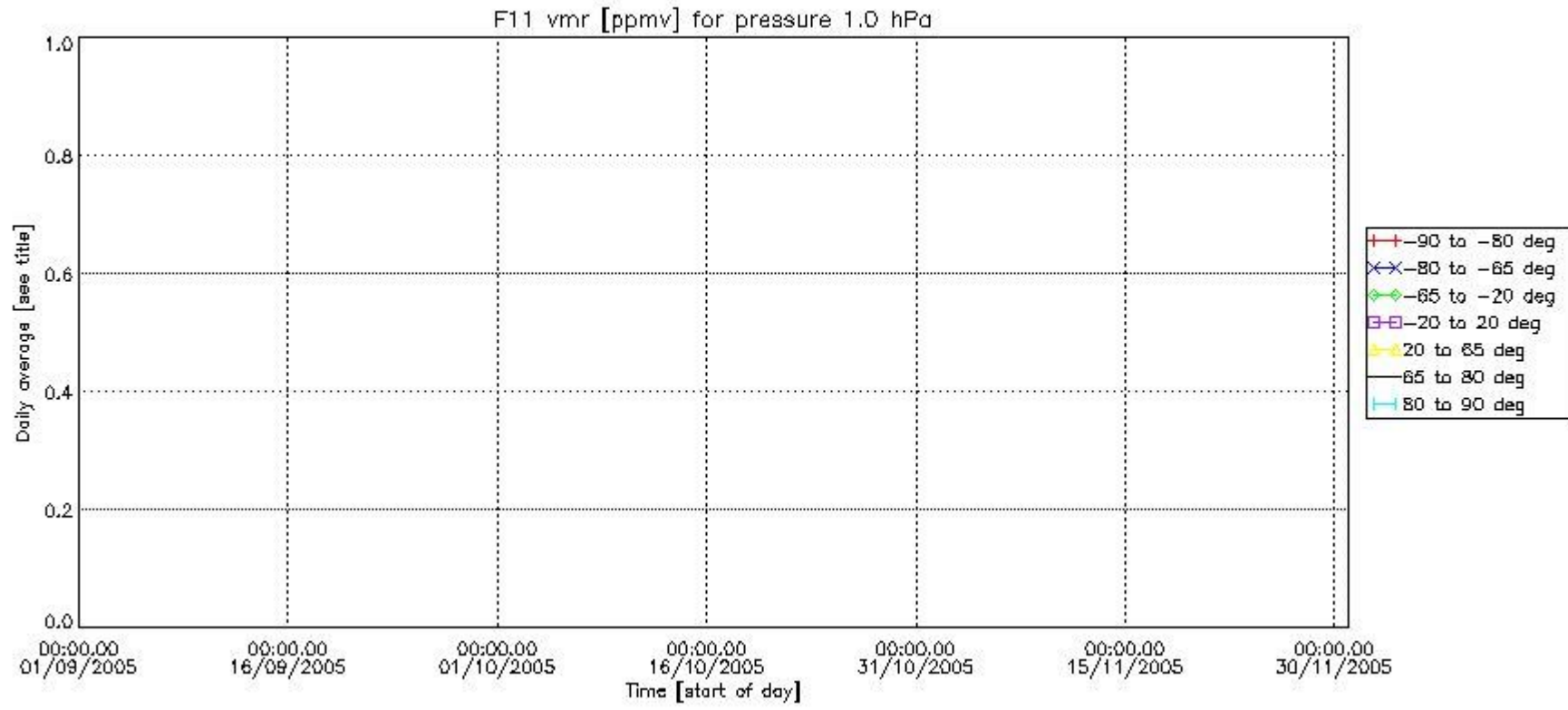


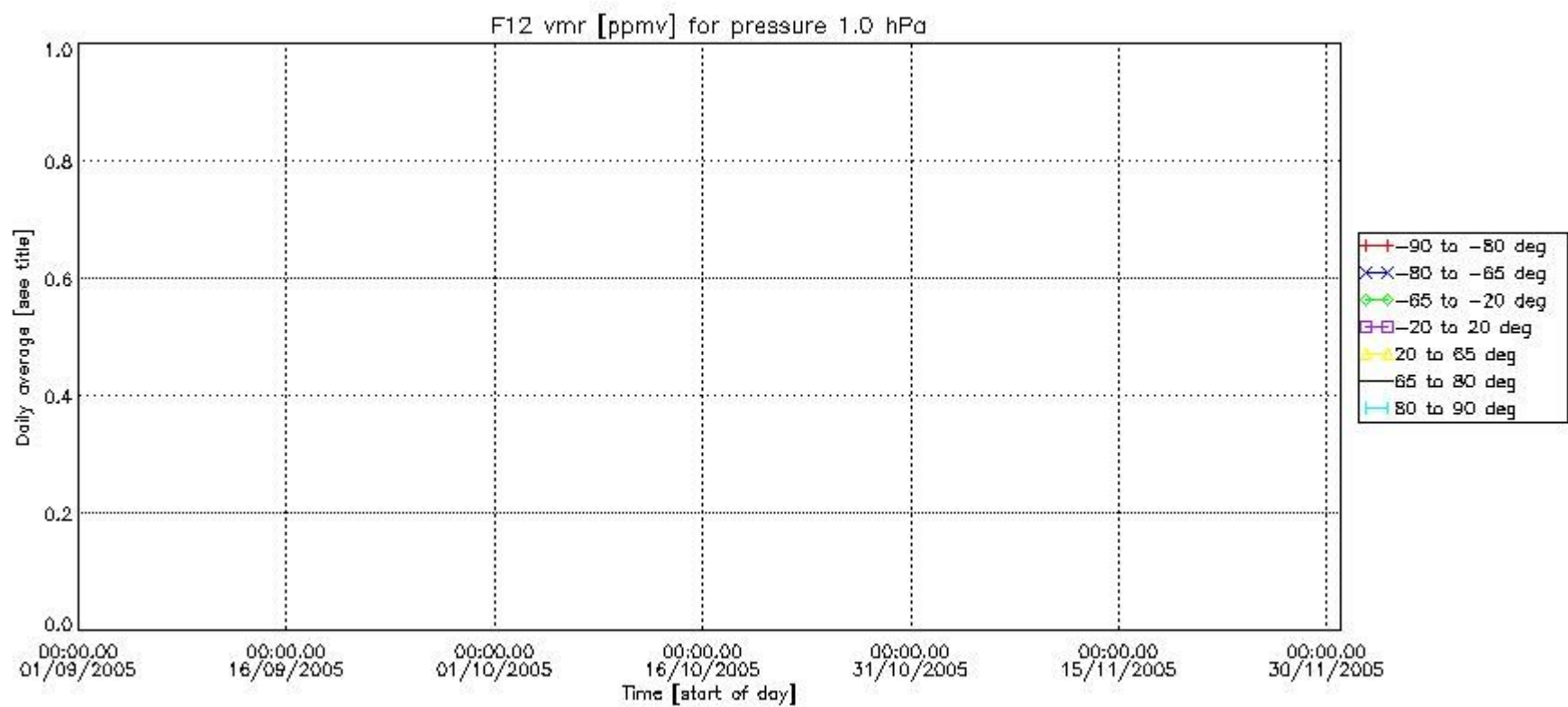
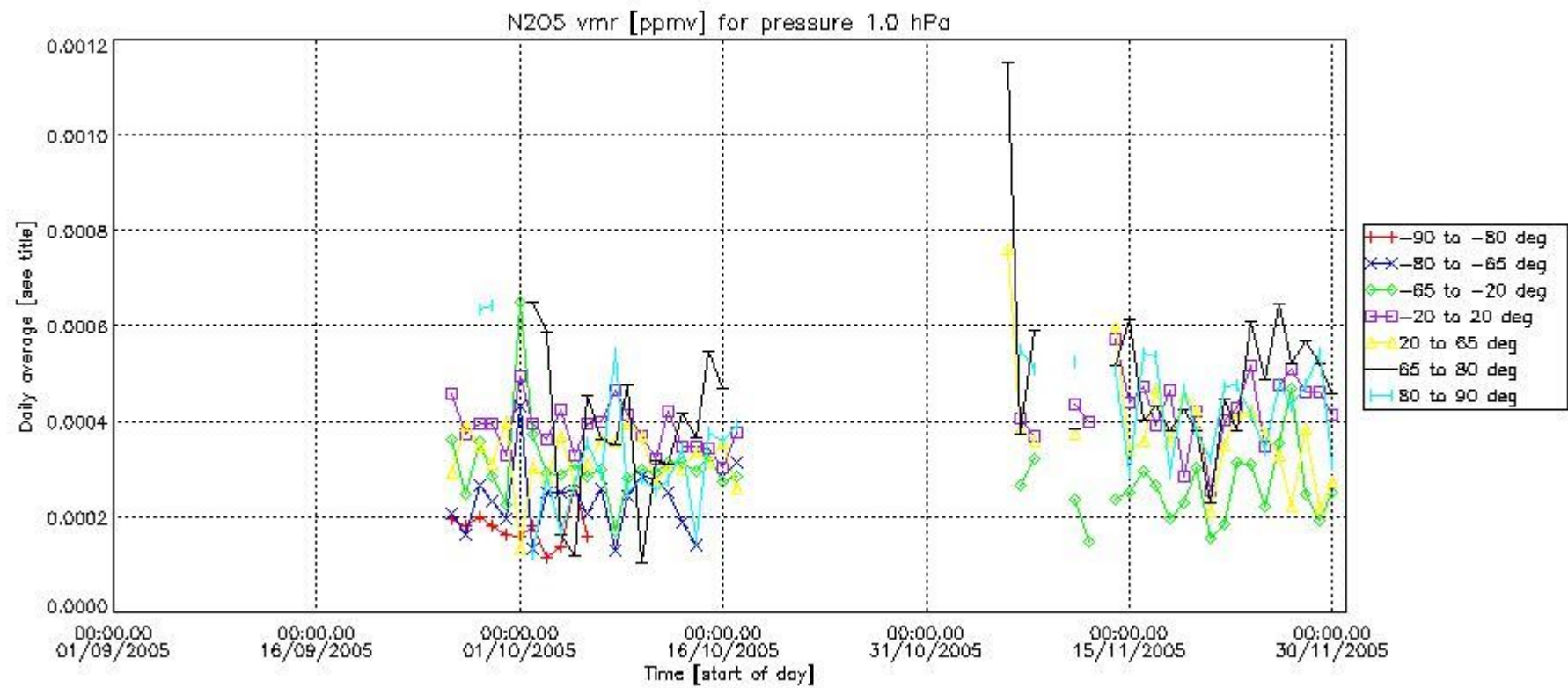


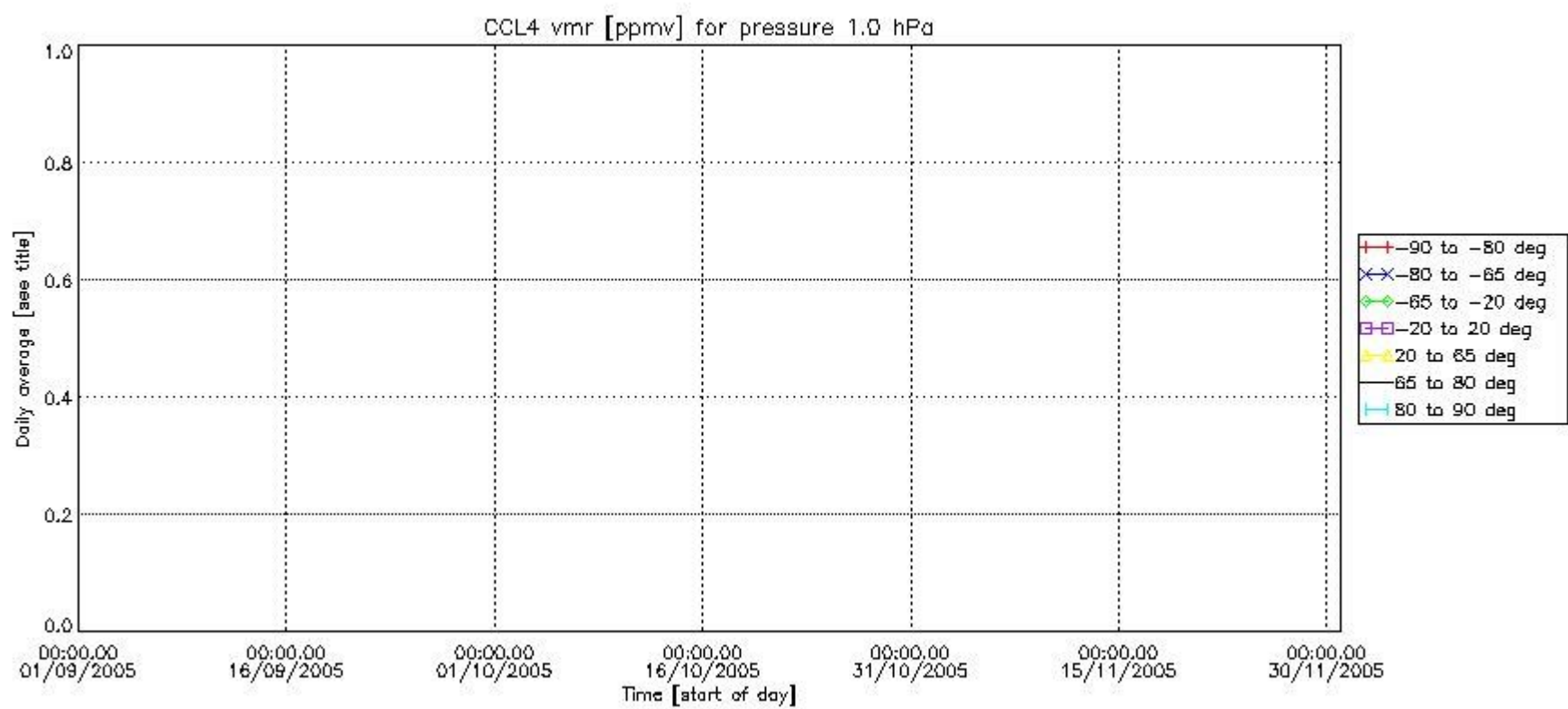
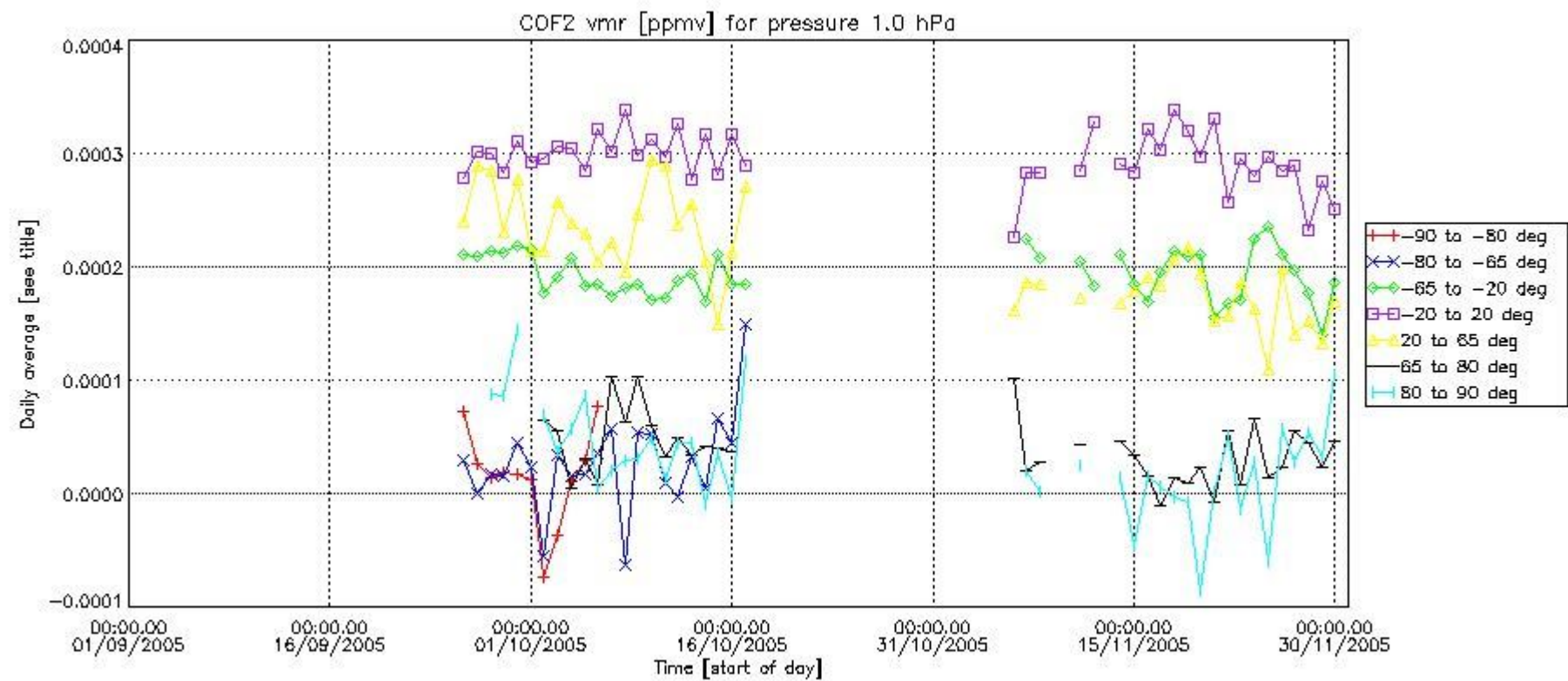




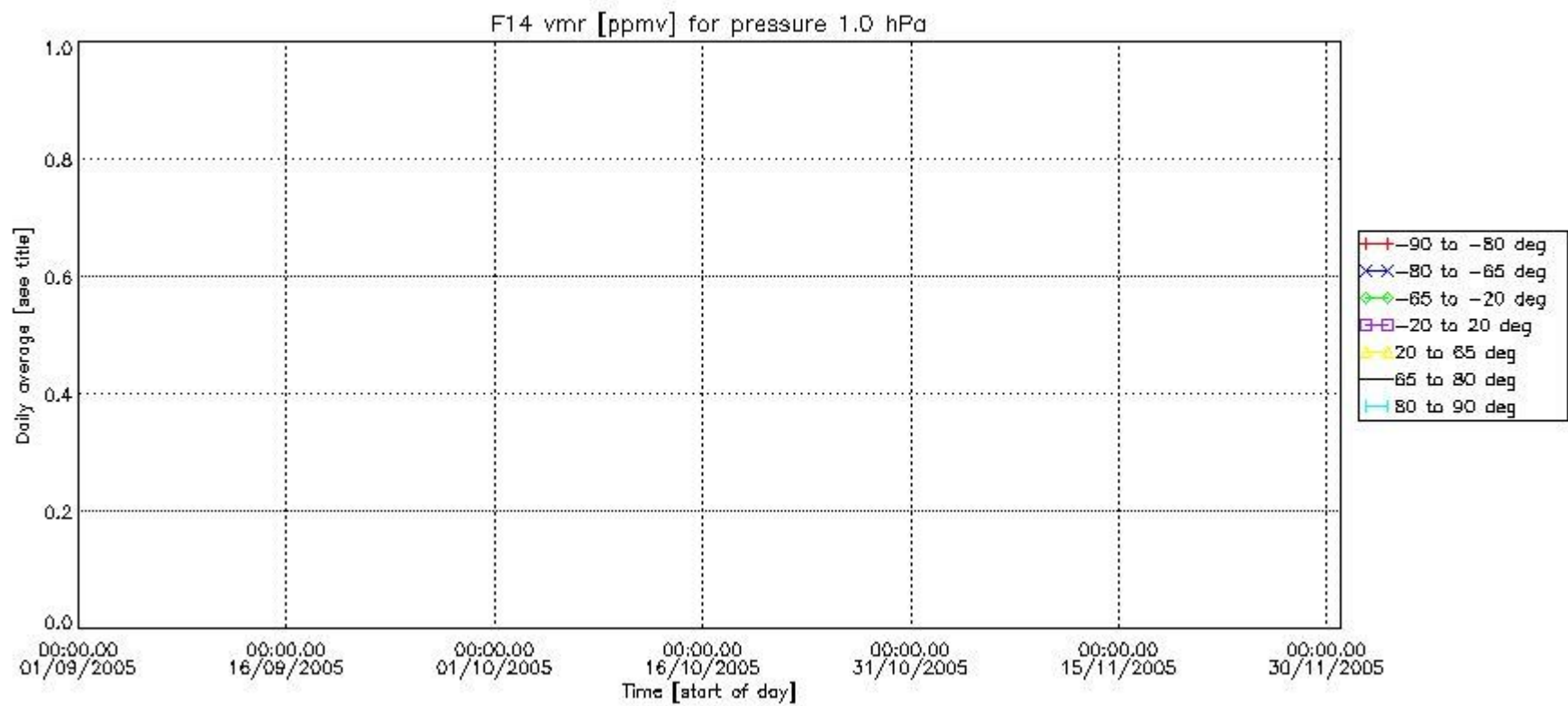
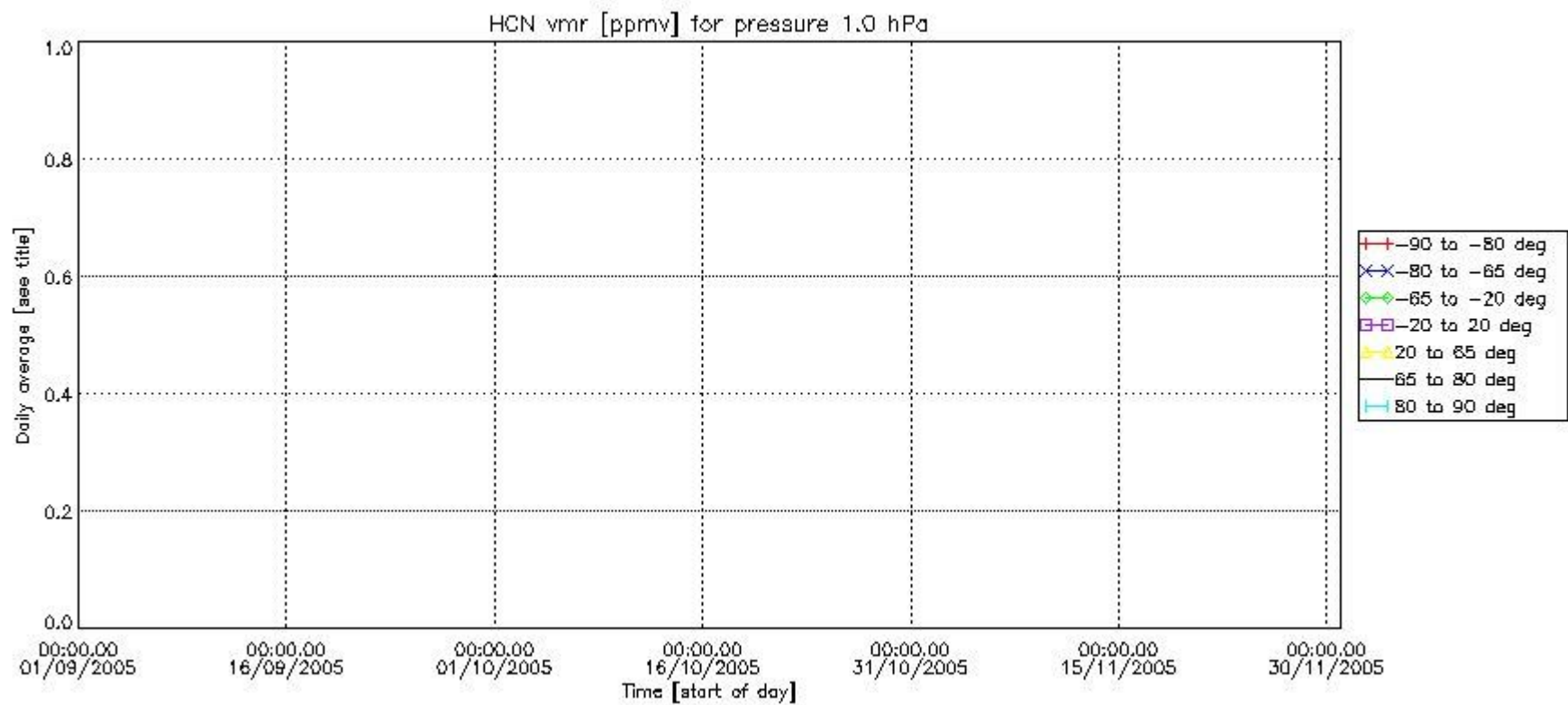


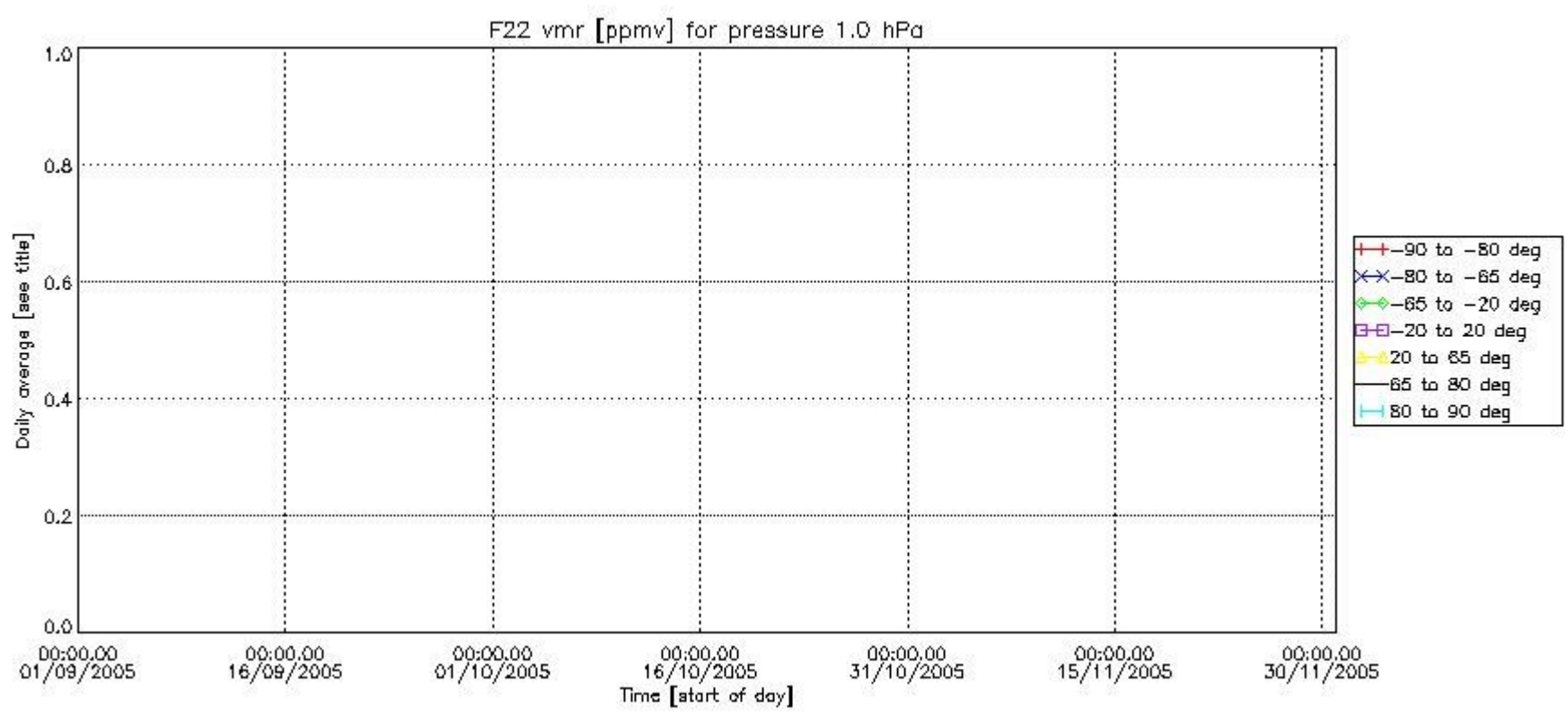












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

