

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20051115.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	20APR2016 16:32:45
Data source version	ML2PP/7.03-W
Processing scope for products	15NOV2005 00:00:00 to 16NOV2005 00:00:00
Start time of first product within scope	15NOV2005 00:24:42
Stop time of last product within scope	16NOV2005 01:29:17
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__2PWDSI20051115_002442_000057722042_00303_19395_1000.N1	15NOV2005 00:24:42	15NOV2005 02:00:54	0	127/127	<b>VMR_TERM_MACRO_MICRO[HCN/micro:2]</b>
1	MIP_NL__2PWDSI20051115_020144_000005202042_00304_19396_1000.N1	15NOV2005 02:01:44	15NOV2005 02:10:24	0	12/12	
2	MIP_NL__2PWDSI20051115_120854_000057812042_00310_19402_1000.N1	15NOV2005 12:08:54	15NOV2005 13:45:15	0	109/109	<b>VMR_TERM_MACRO_MICRO[HCN/micro:3]</b>
3	MIP_NL__2PWDSI20051115_134605_000004762042_00311_19403_1000.N1	15NOV2005 13:46:05	15NOV2005 13:54:02	0	11/11	
4	MIP_NL__2PWDSI20051115_235305_000057722042_00317_19409_1000.N1	15NOV2005 23:53:05	16NOV2005 01:29:17	0	127/127	<b>VMR_TERM_MACRO_MICRO[HCN/macro:1]</b>

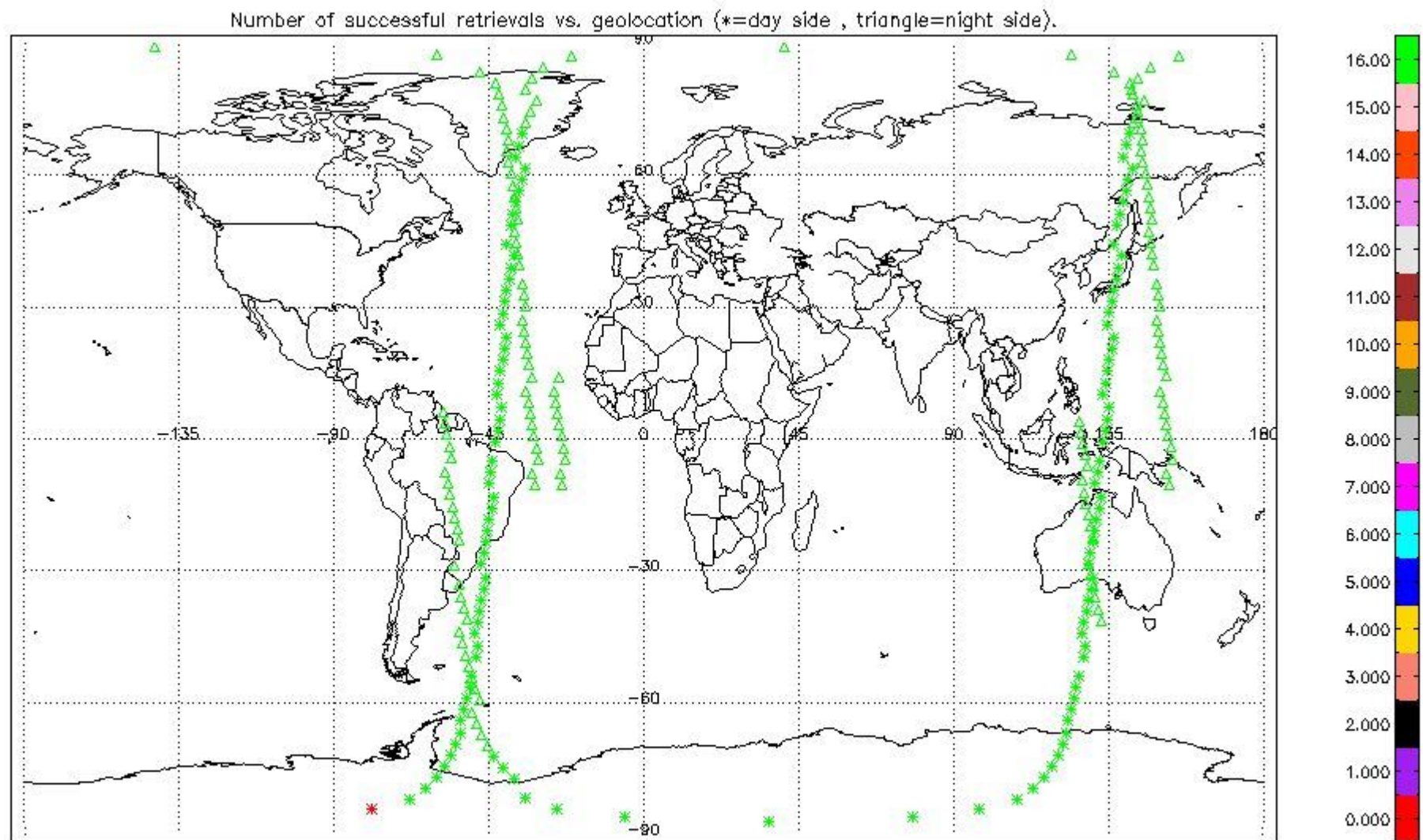
## 2.2 Processing performance indicators

### 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.

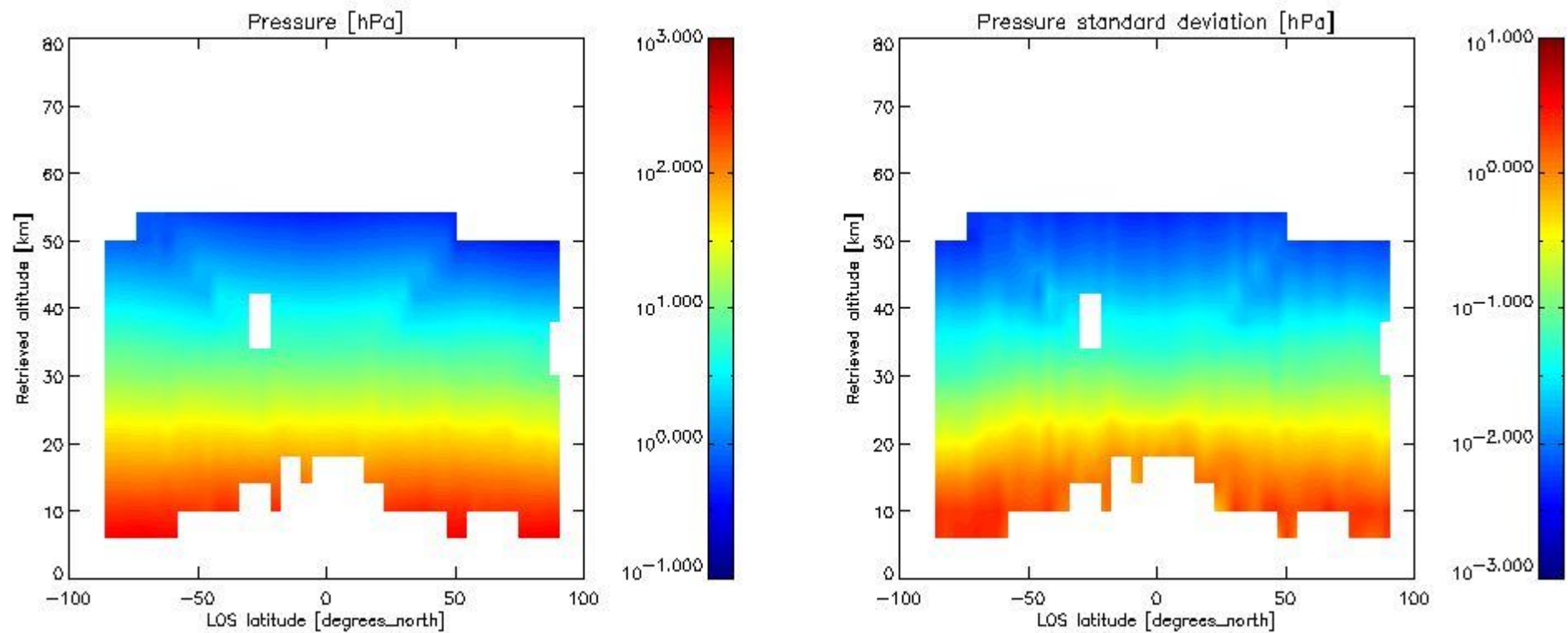
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	386	268	69.430
H2O	386	268	69.430
O3	386	268	69.430
HNO3	386	268	69.430
CH4	386	268	69.430

N2O	386	268	69.430
NO2	386	268	69.430
F11	386	268	69.430
CLNO	386	268	69.430
N2O5	386	268	69.430
F12	386	268	69.430
COF2	386	268	69.430
CCL4	386	268	69.430
HCN	386	268	69.430
F14	386	268	69.430
F22	386	268	69.430



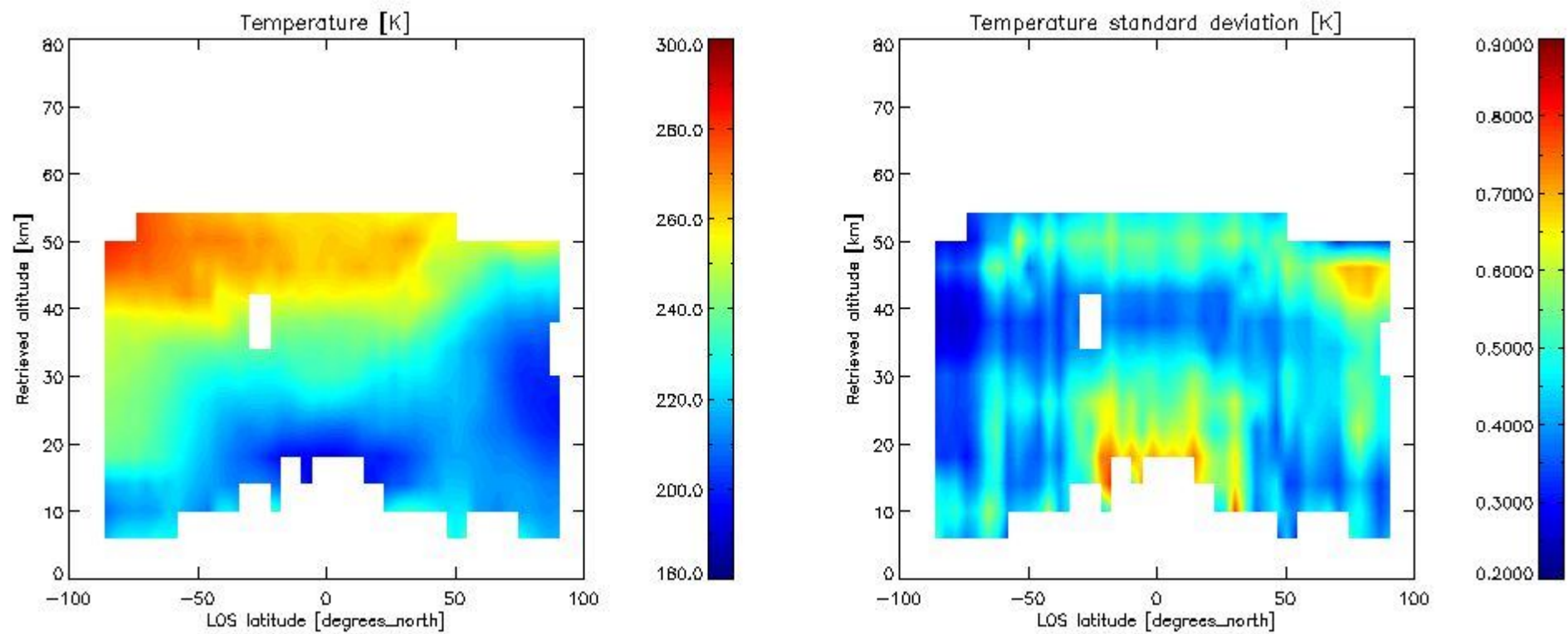
## 2.2.2 Pressure overview

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



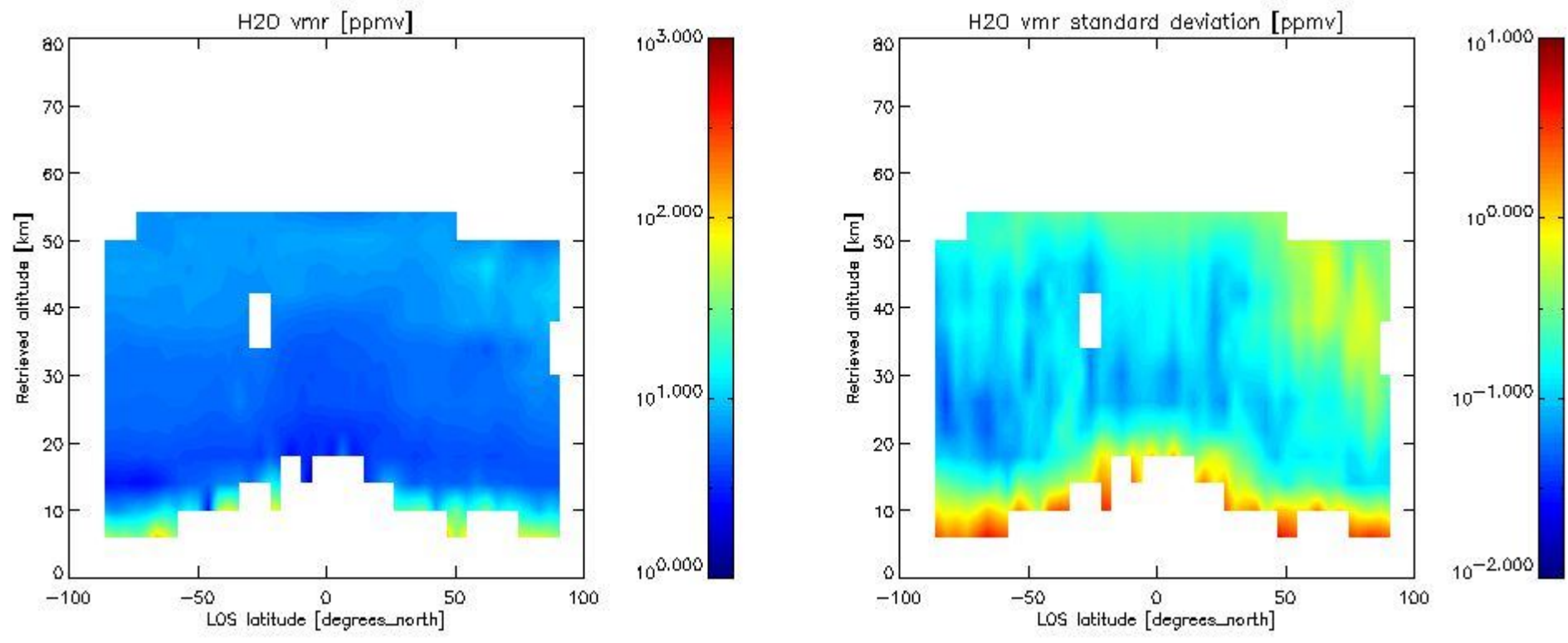
### 2.2.3 Temperature overview

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

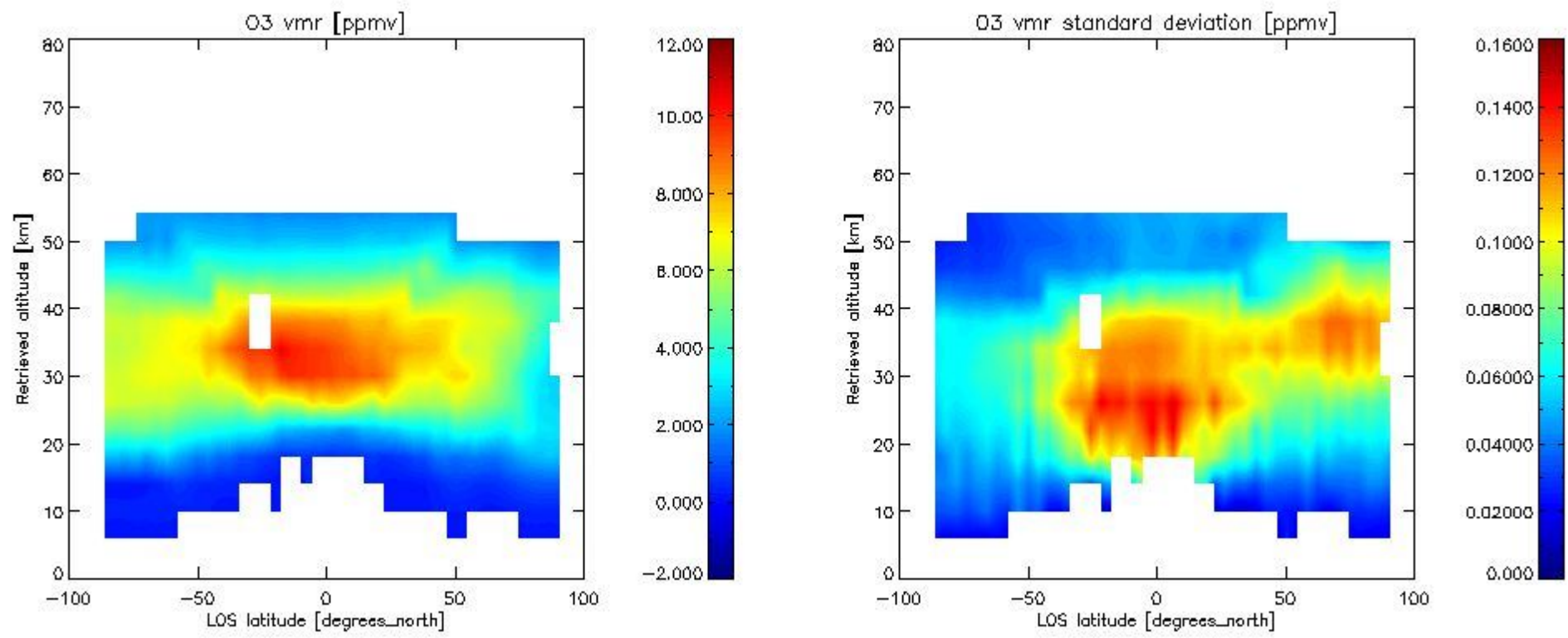


### 2.2.4 Species overview

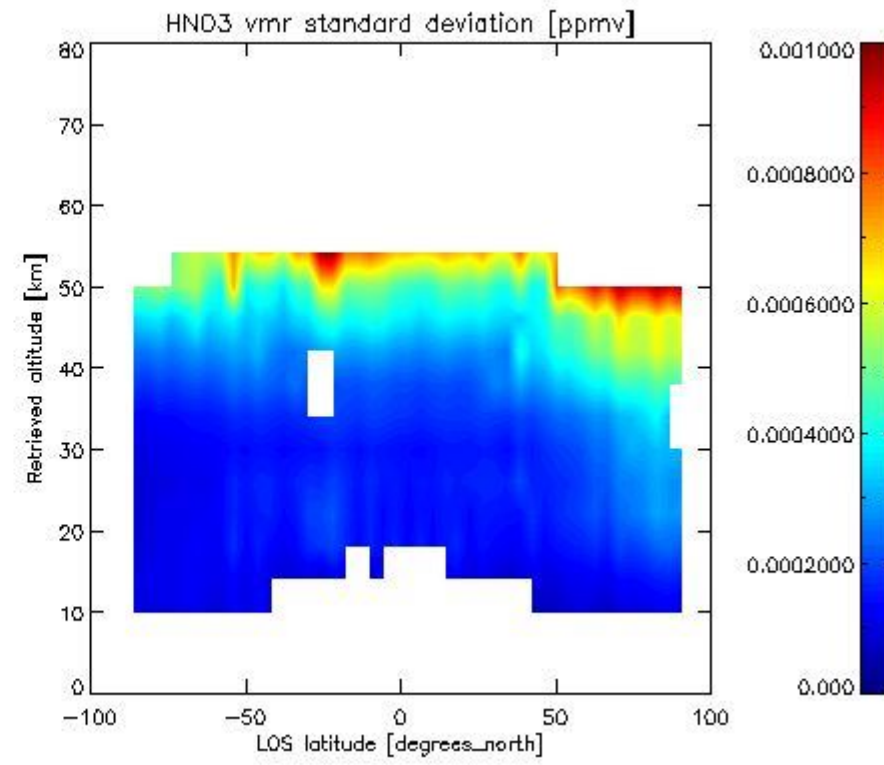
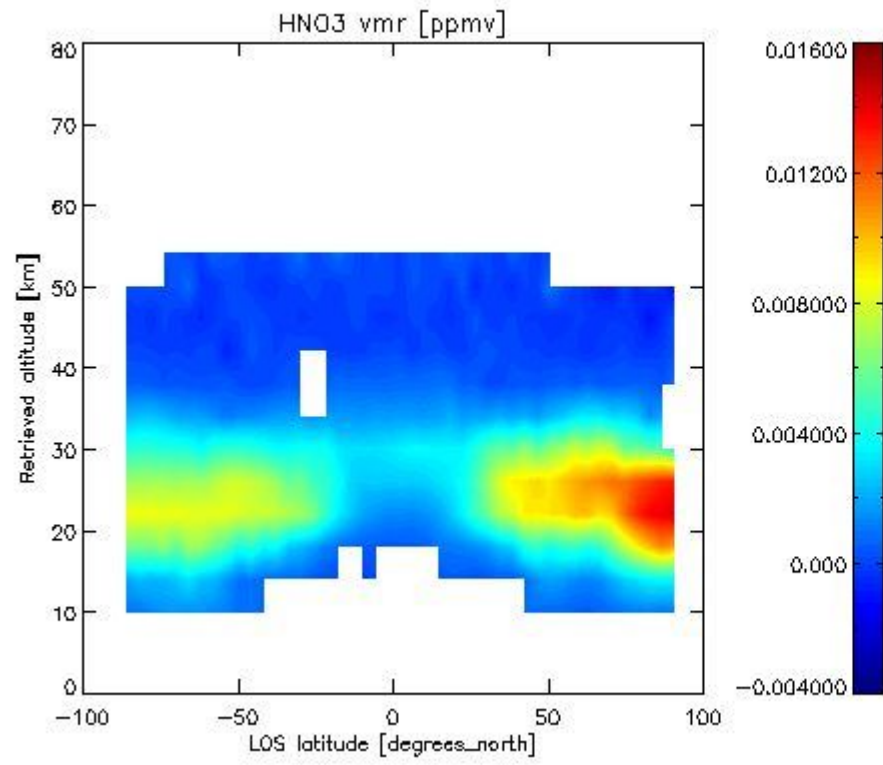
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



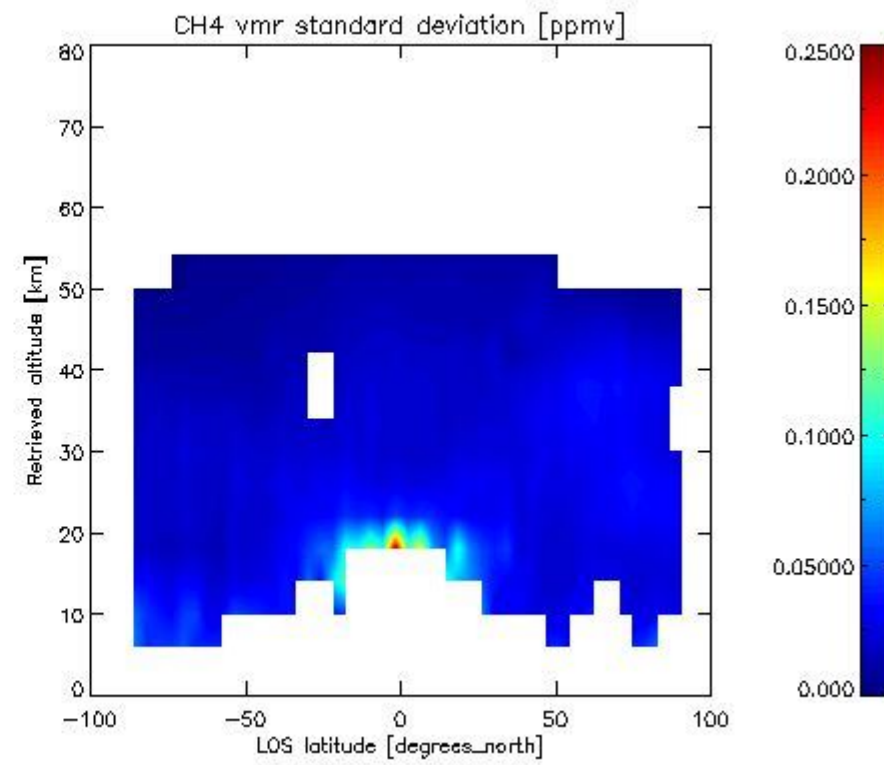
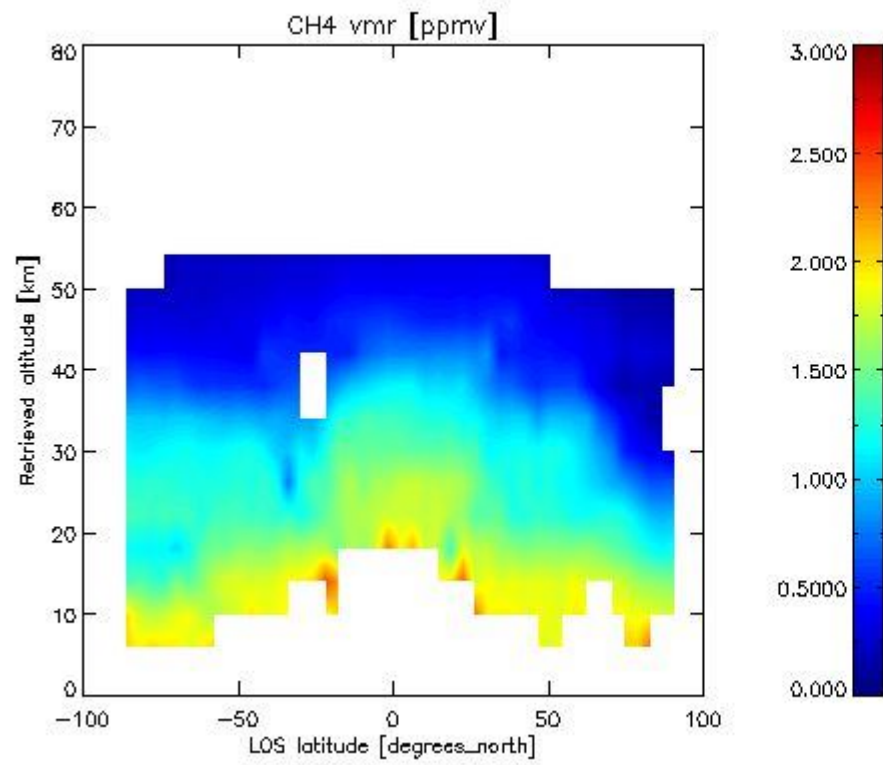
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



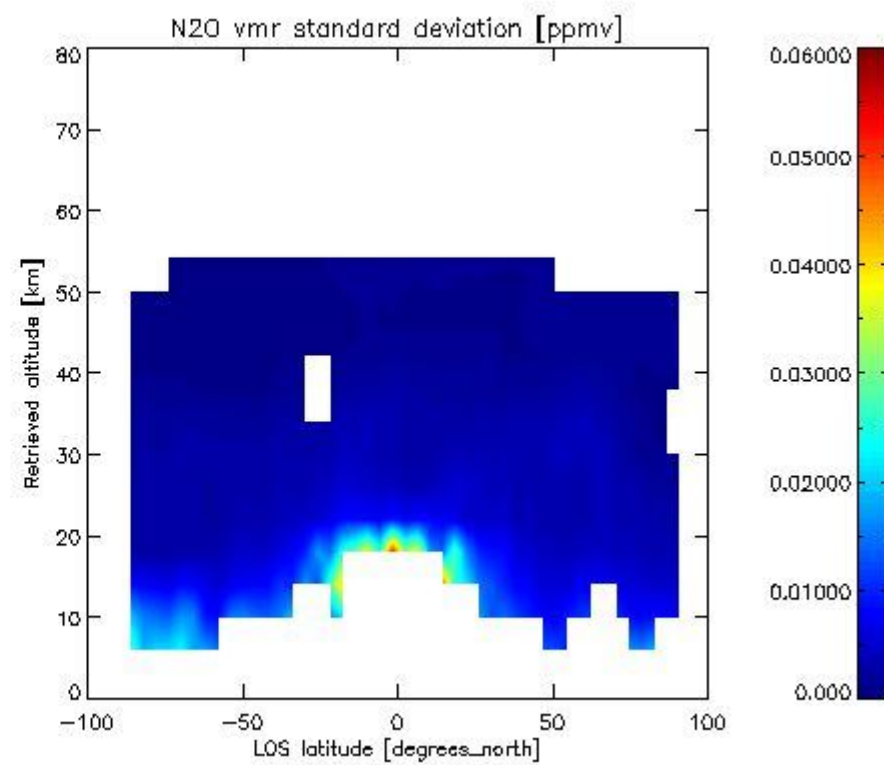
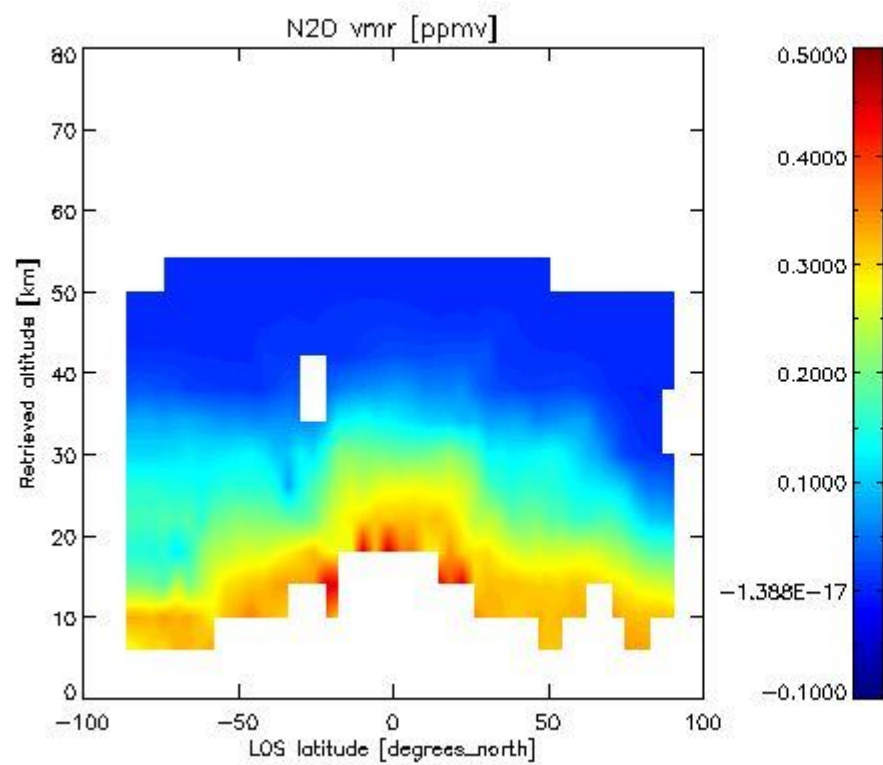
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



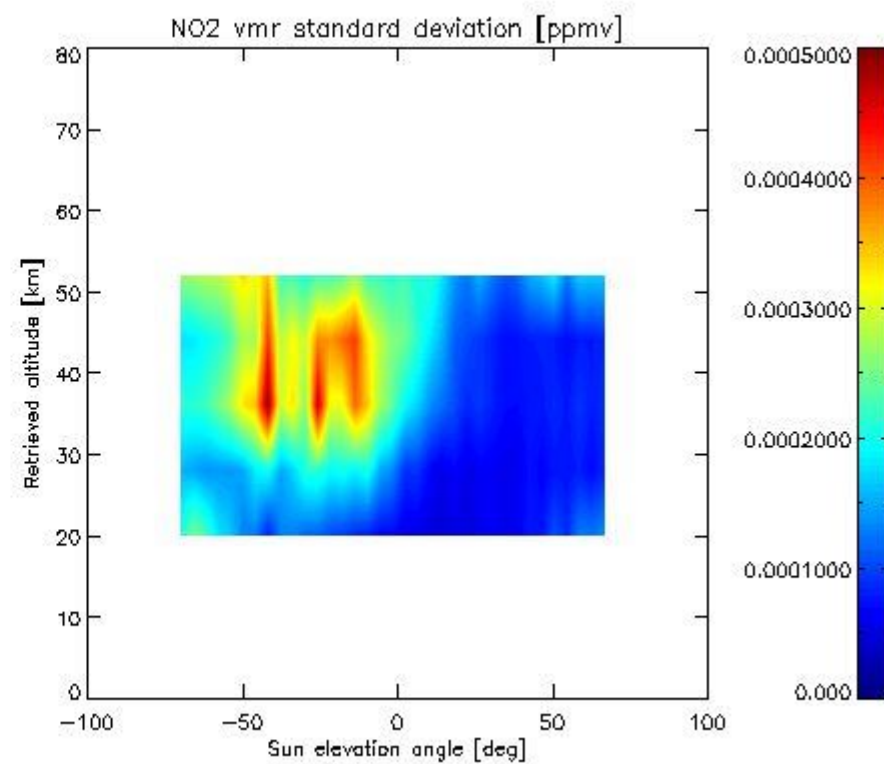
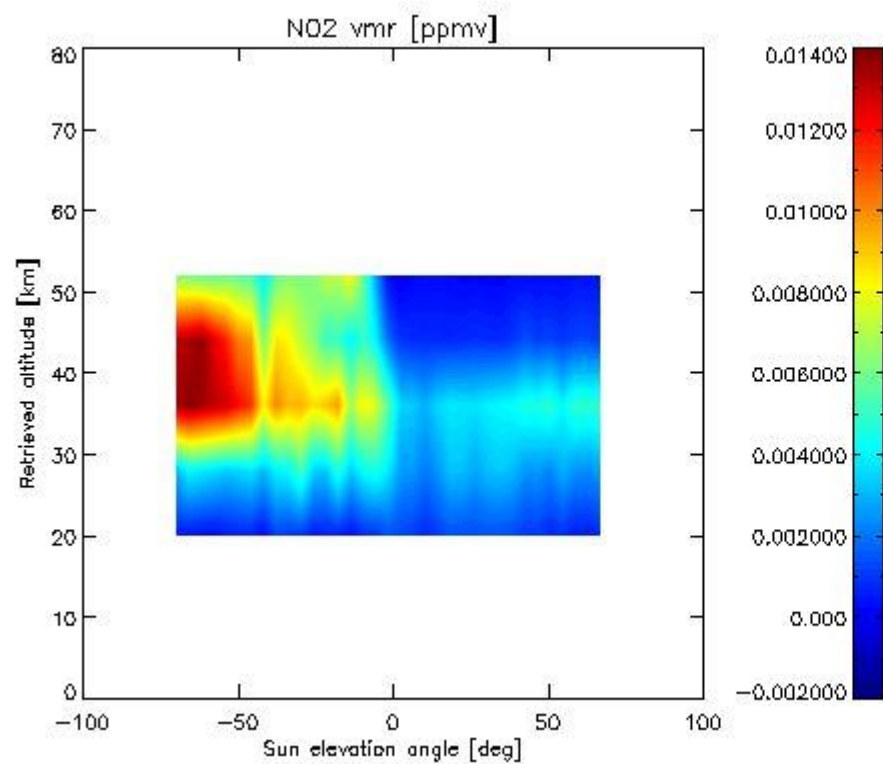
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



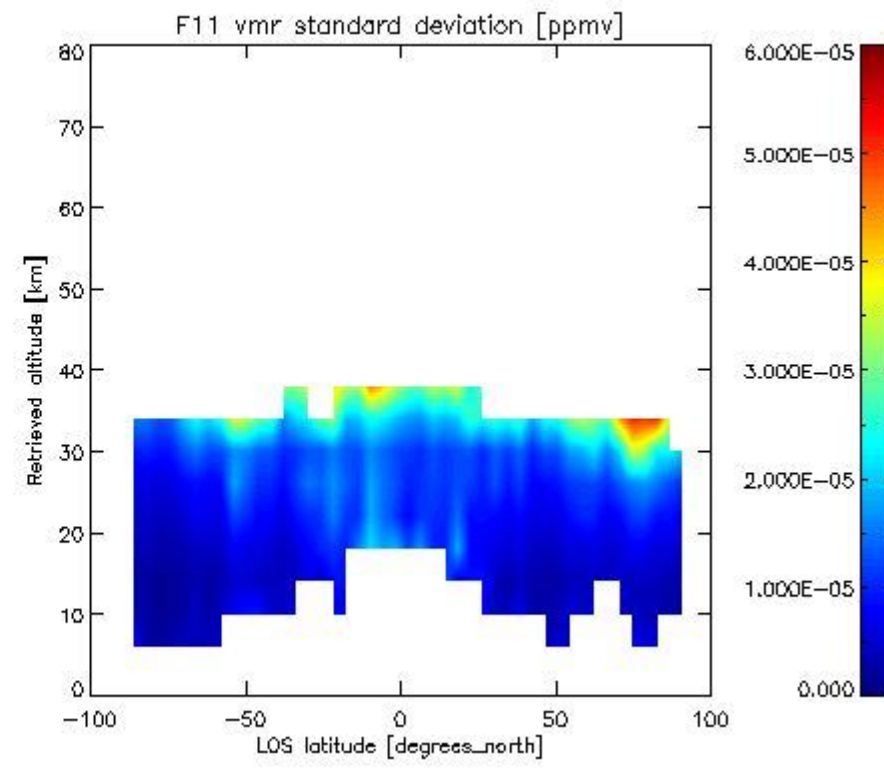
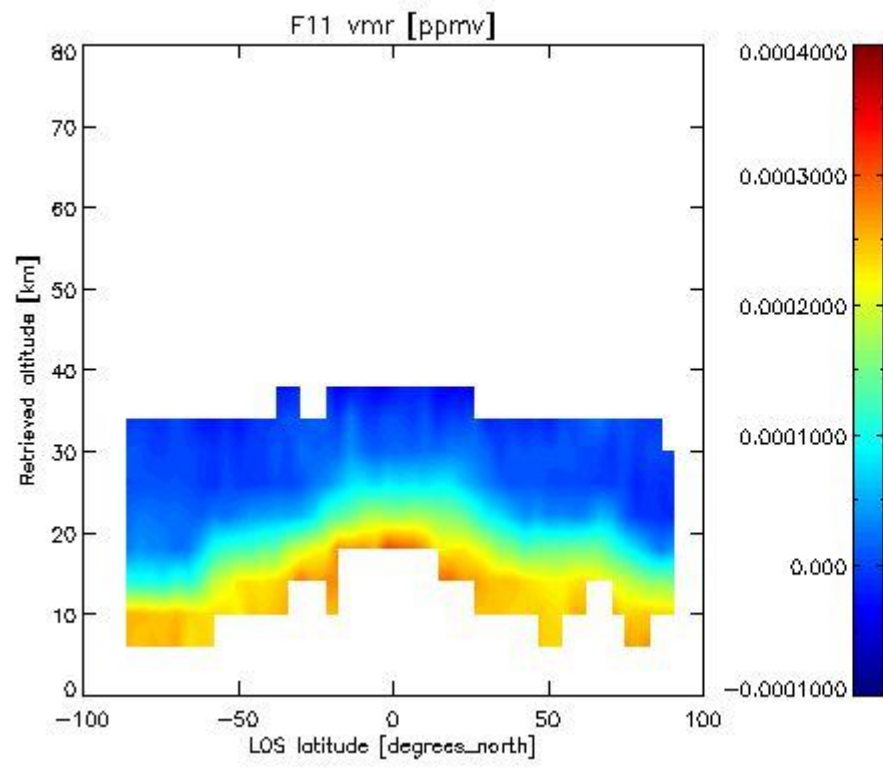
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



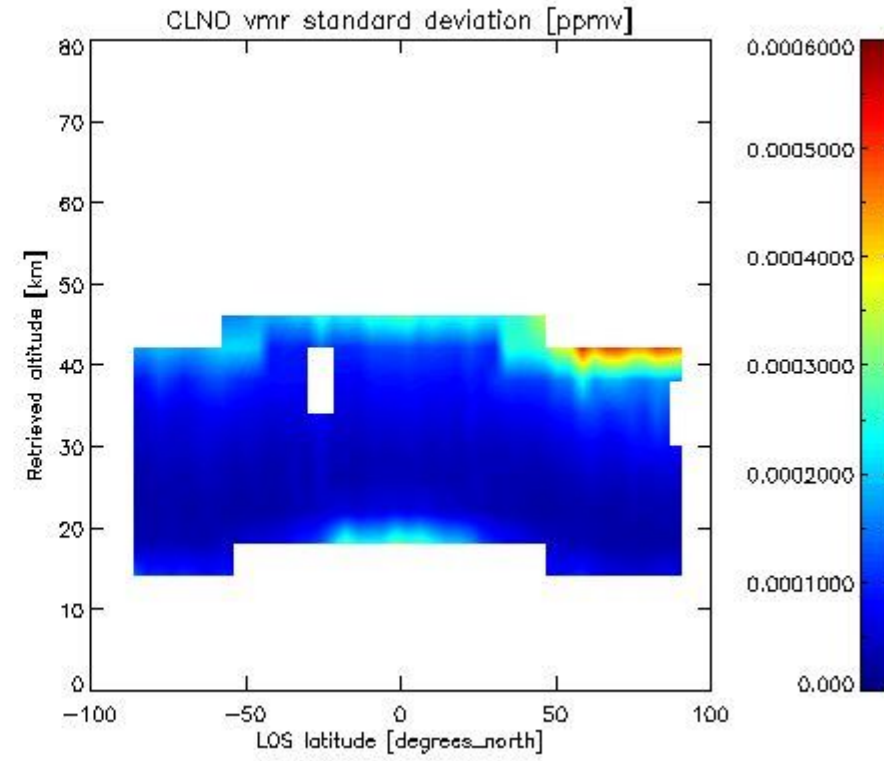
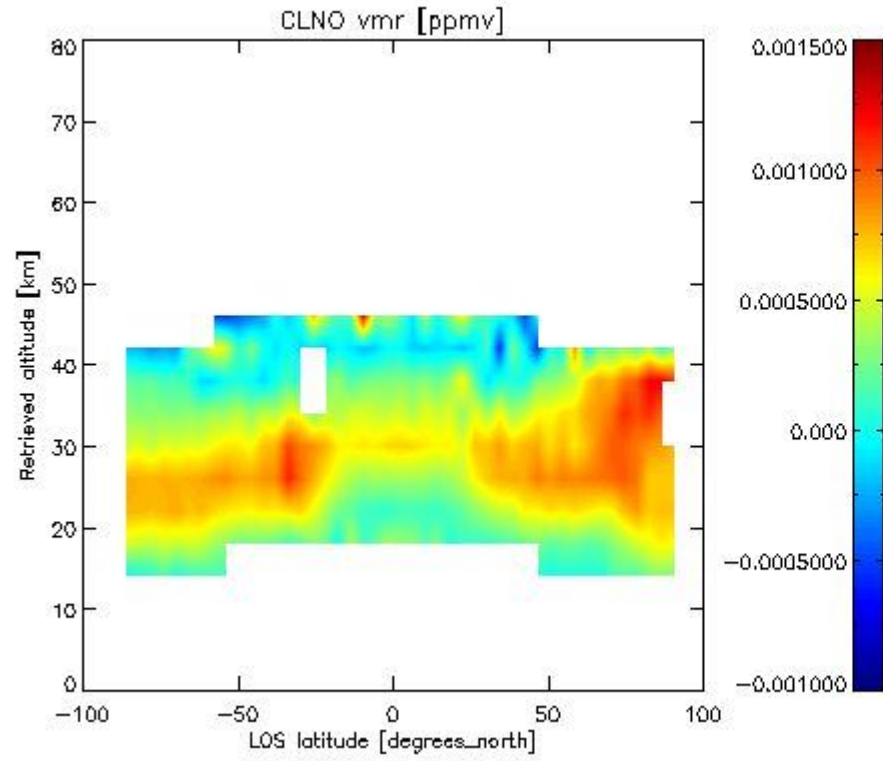
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 6 km.

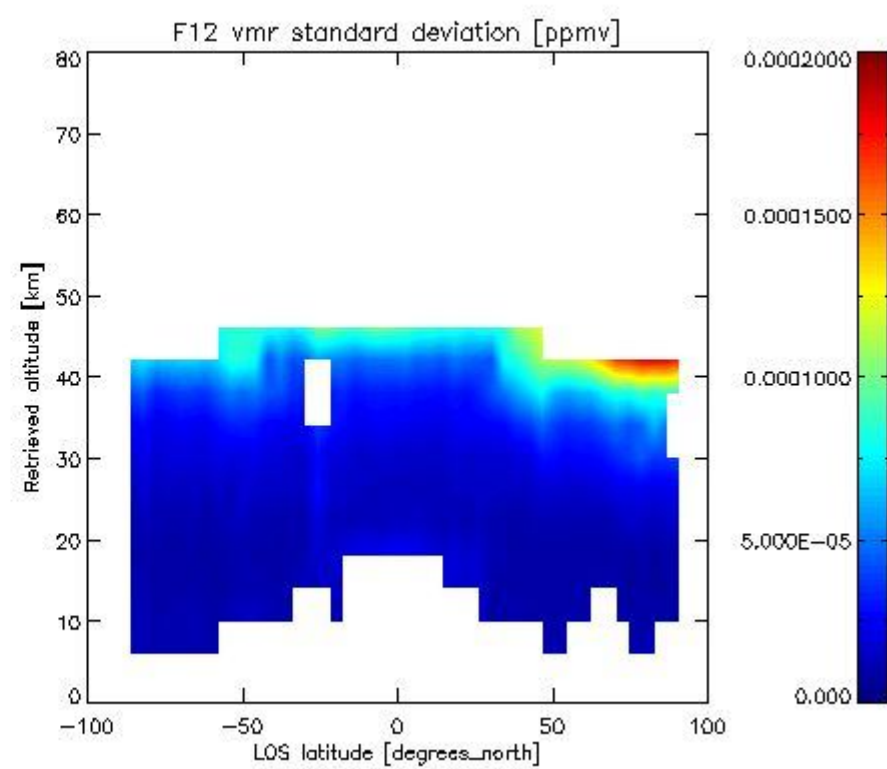
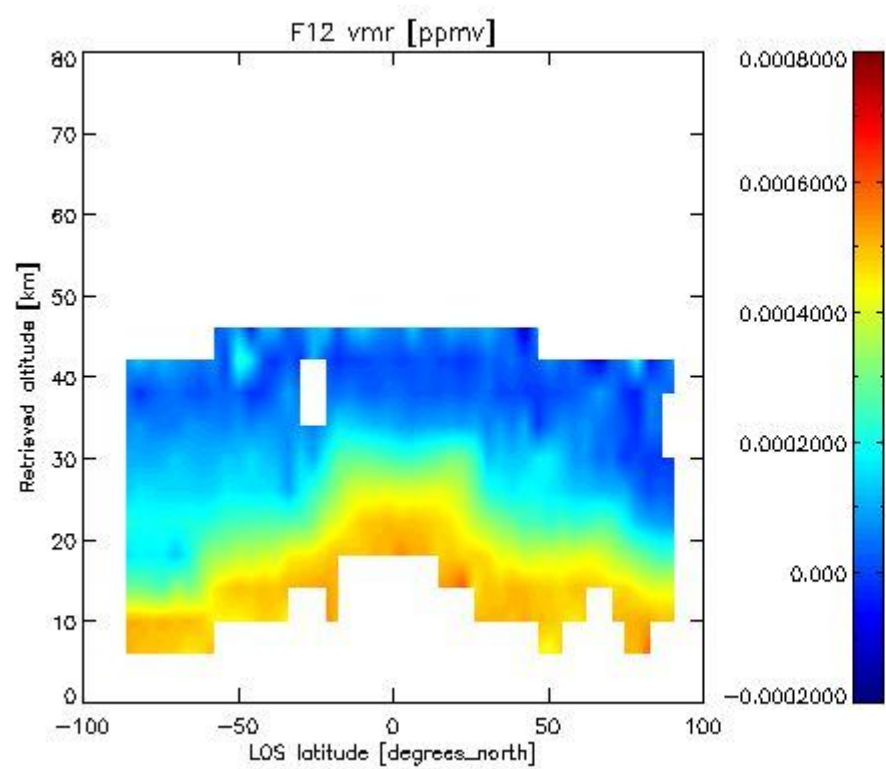
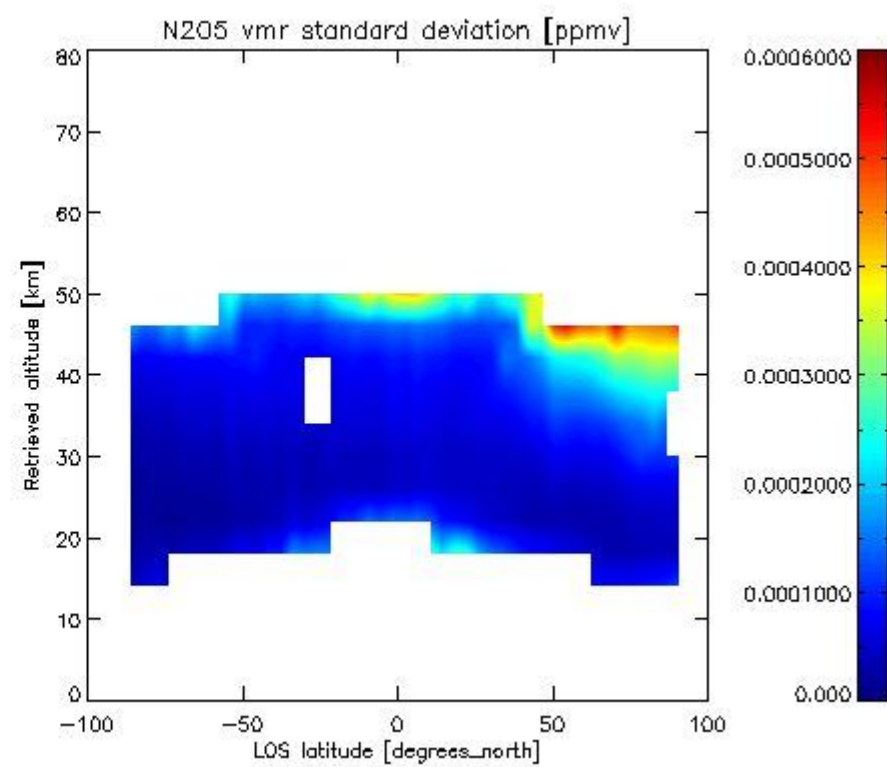
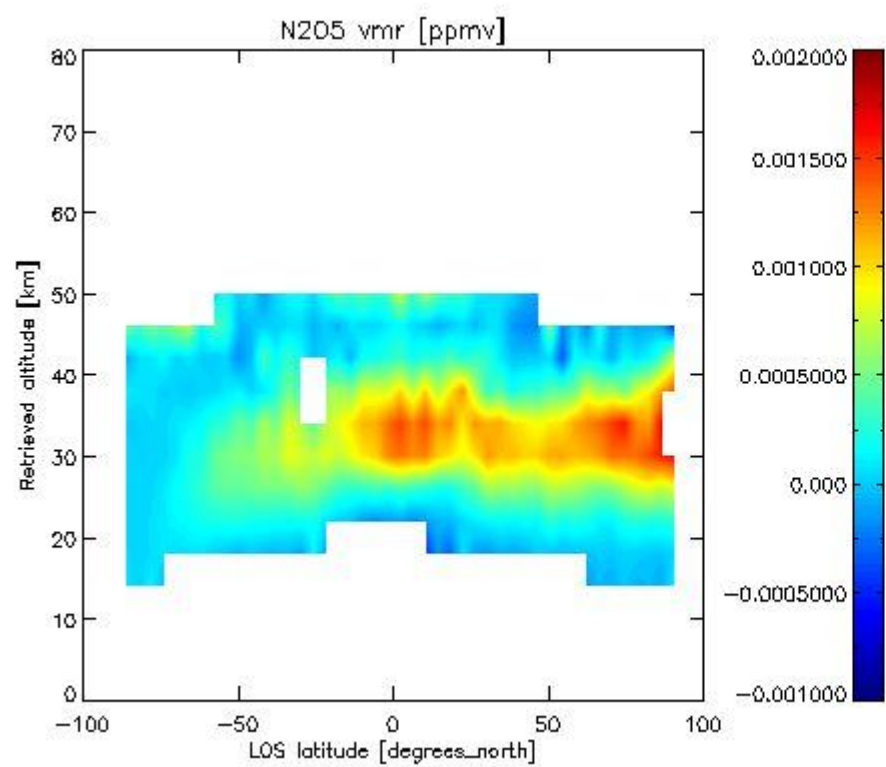


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

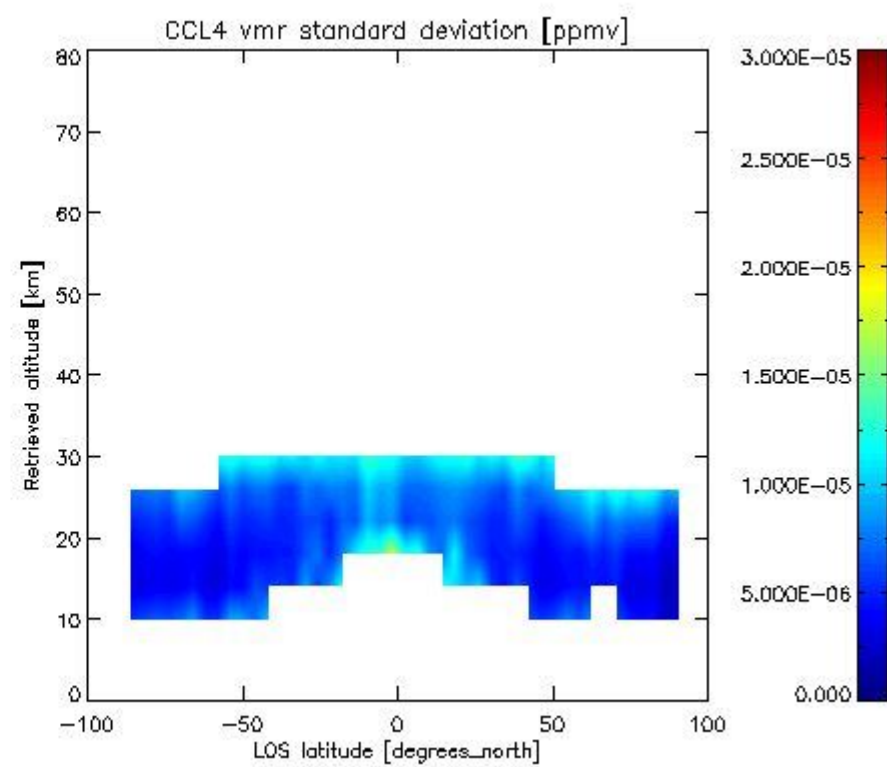
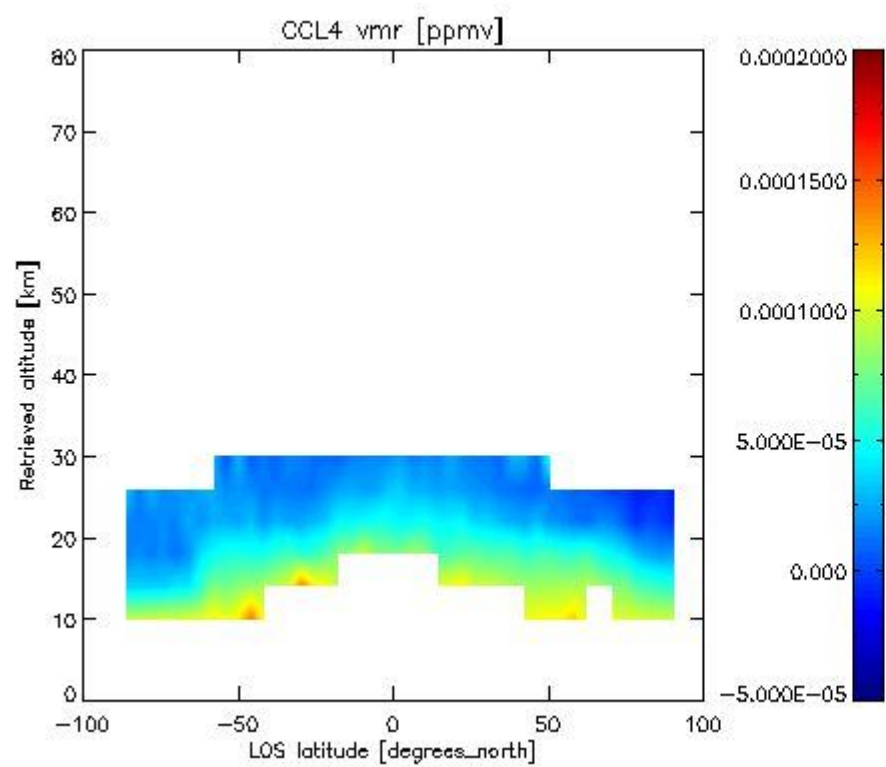
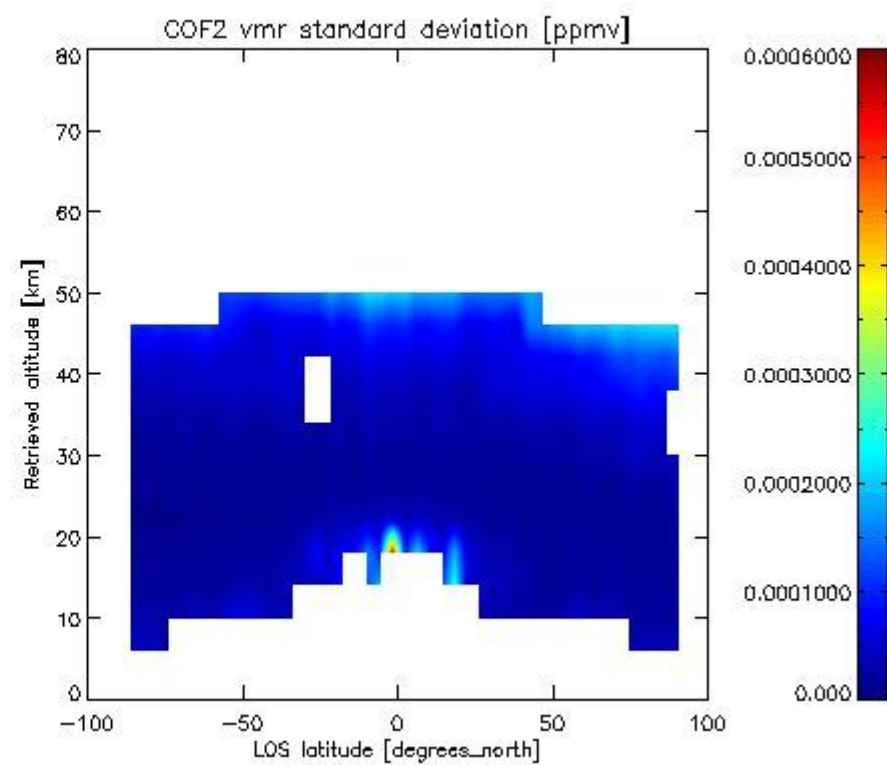
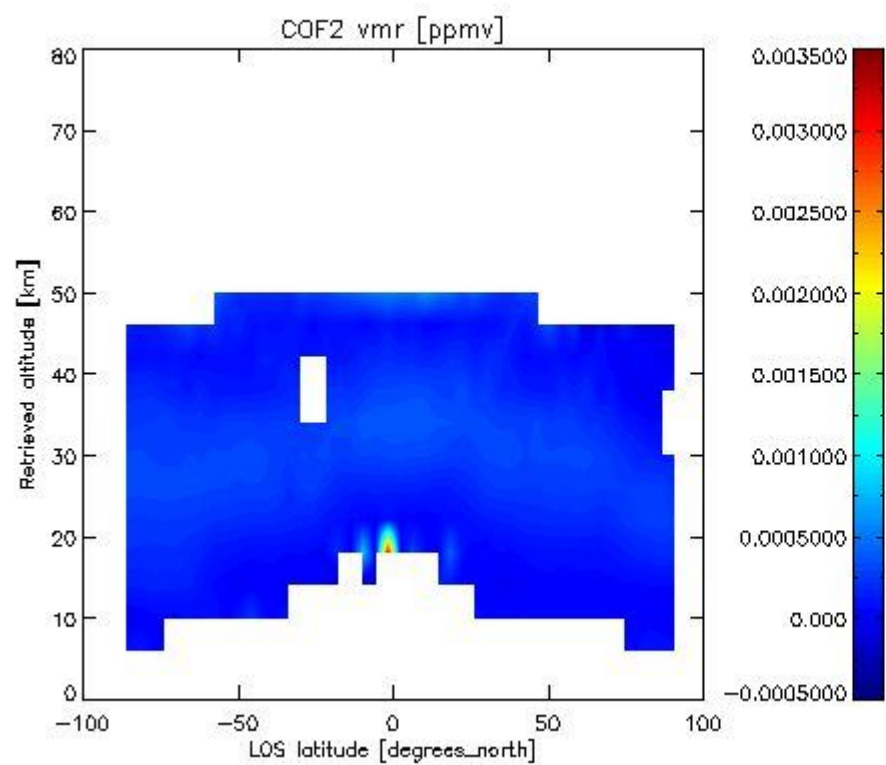


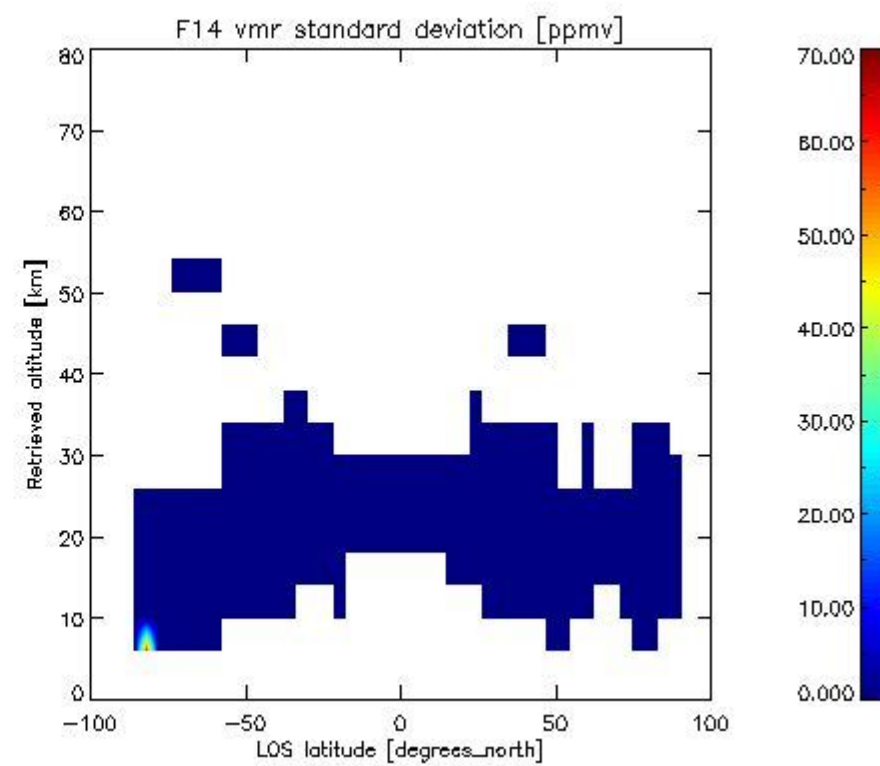
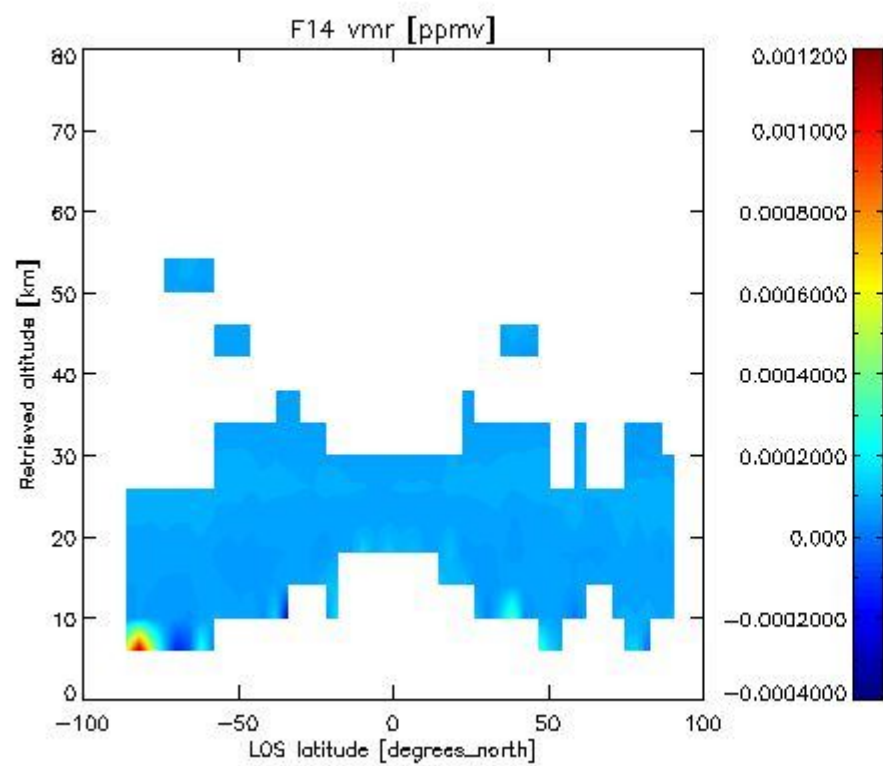
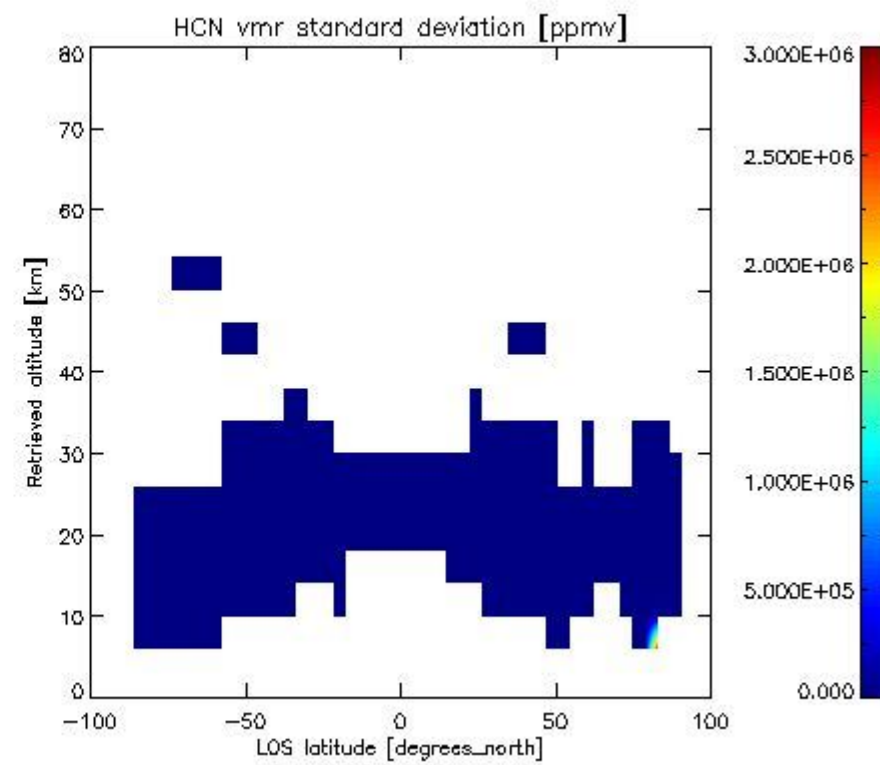
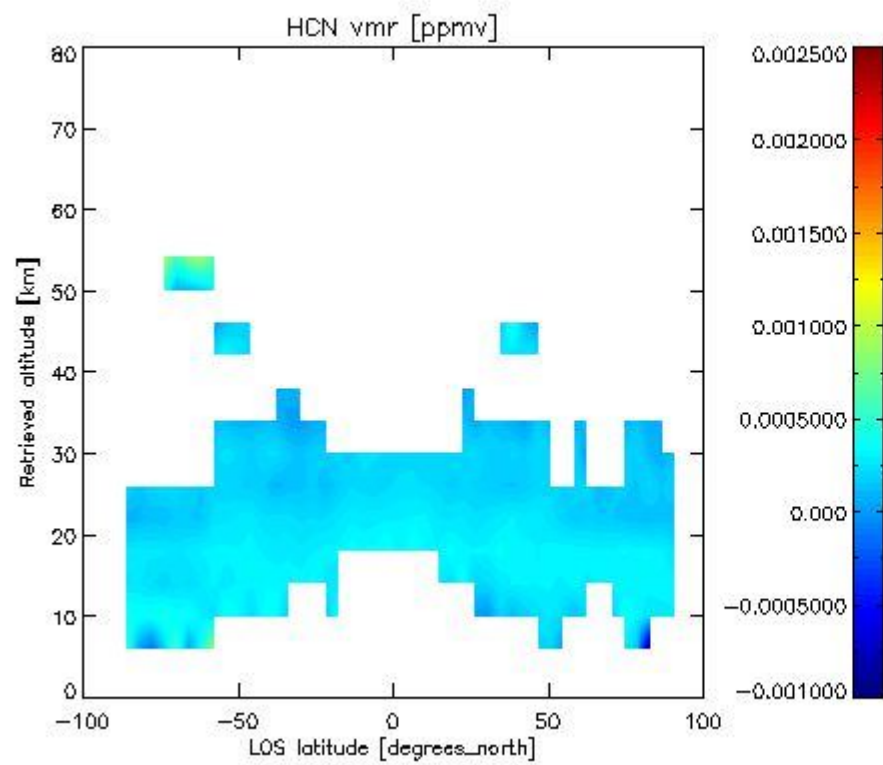
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

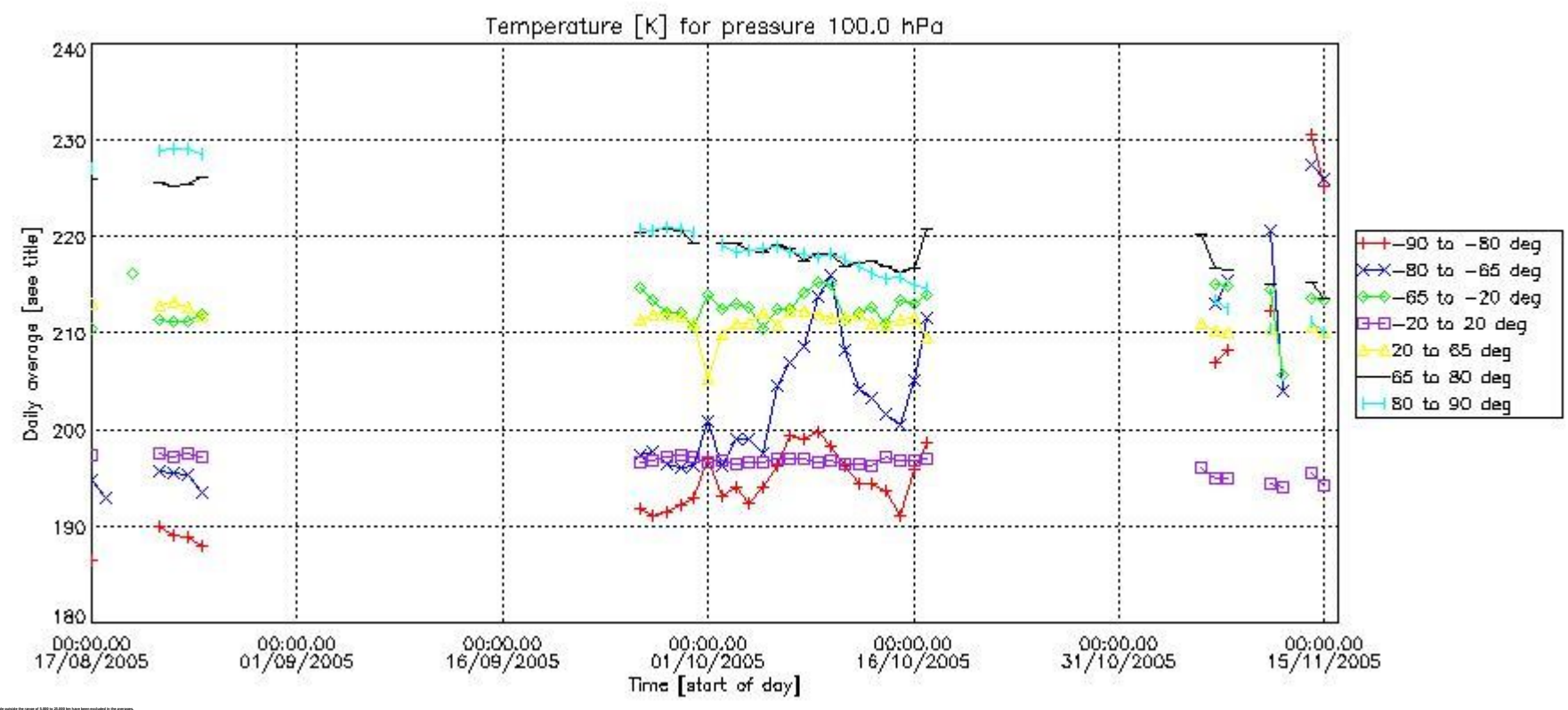
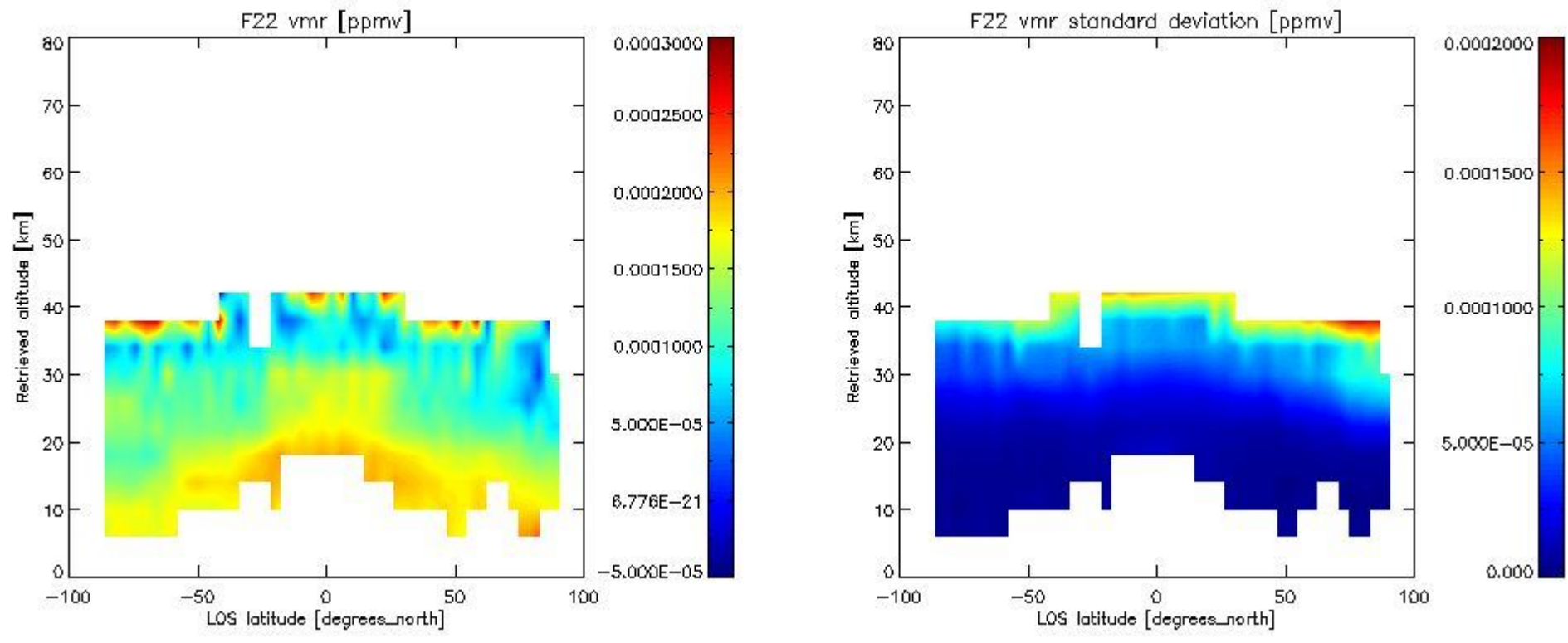


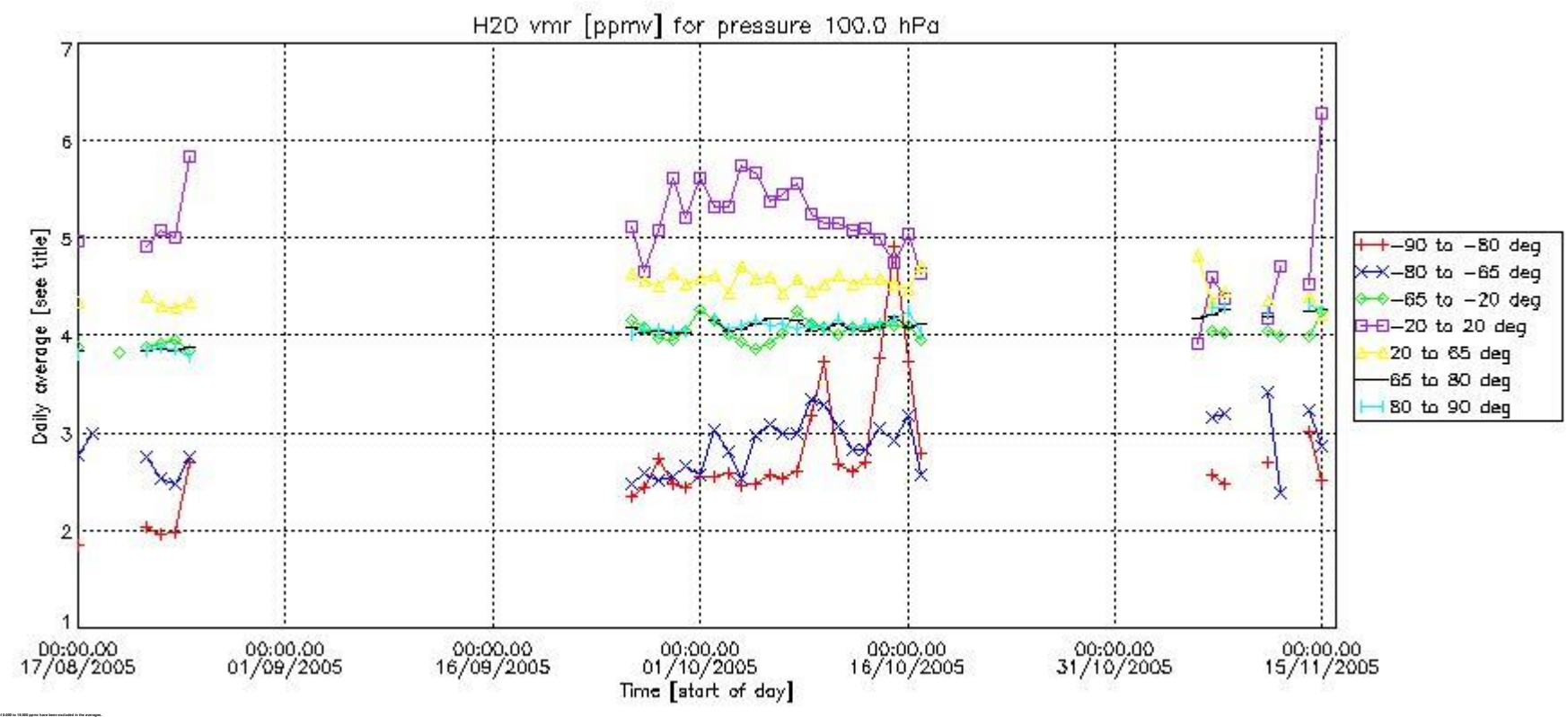
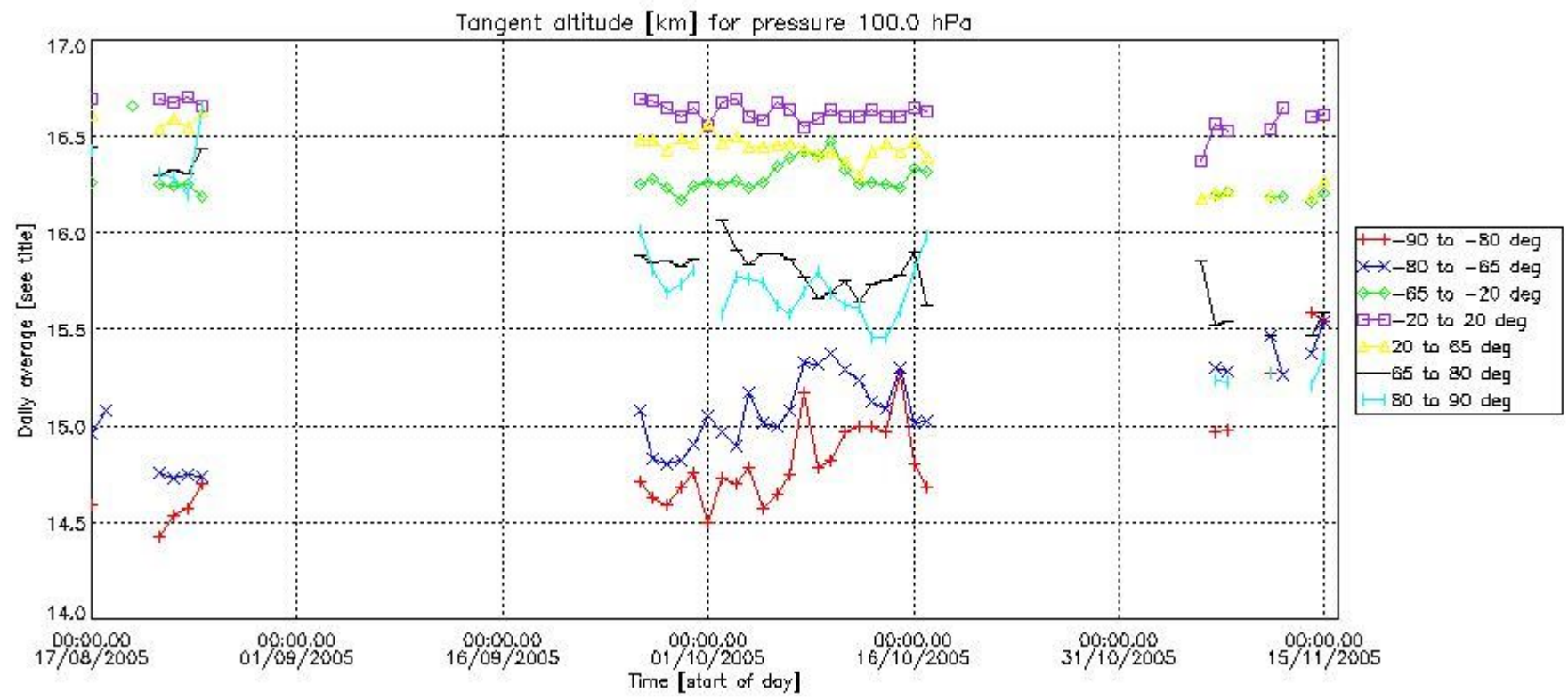


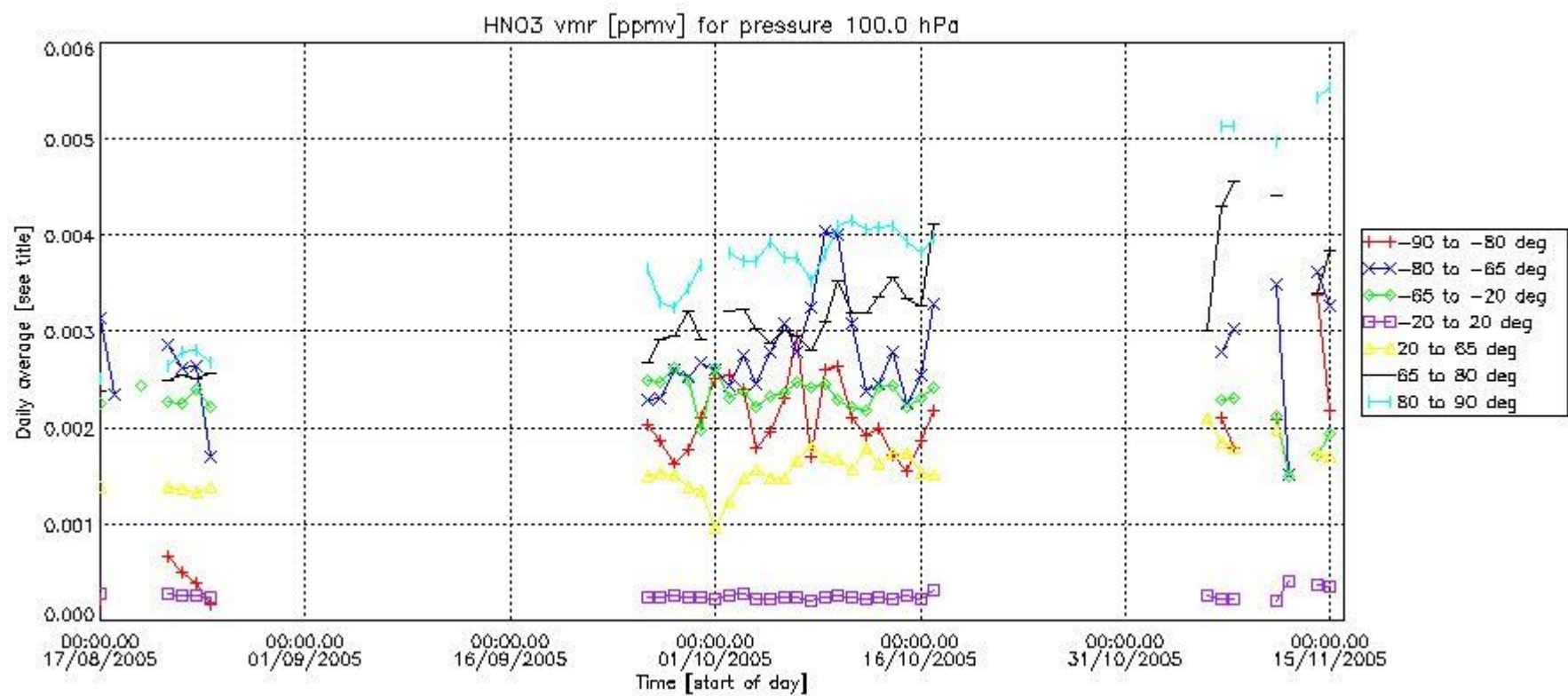
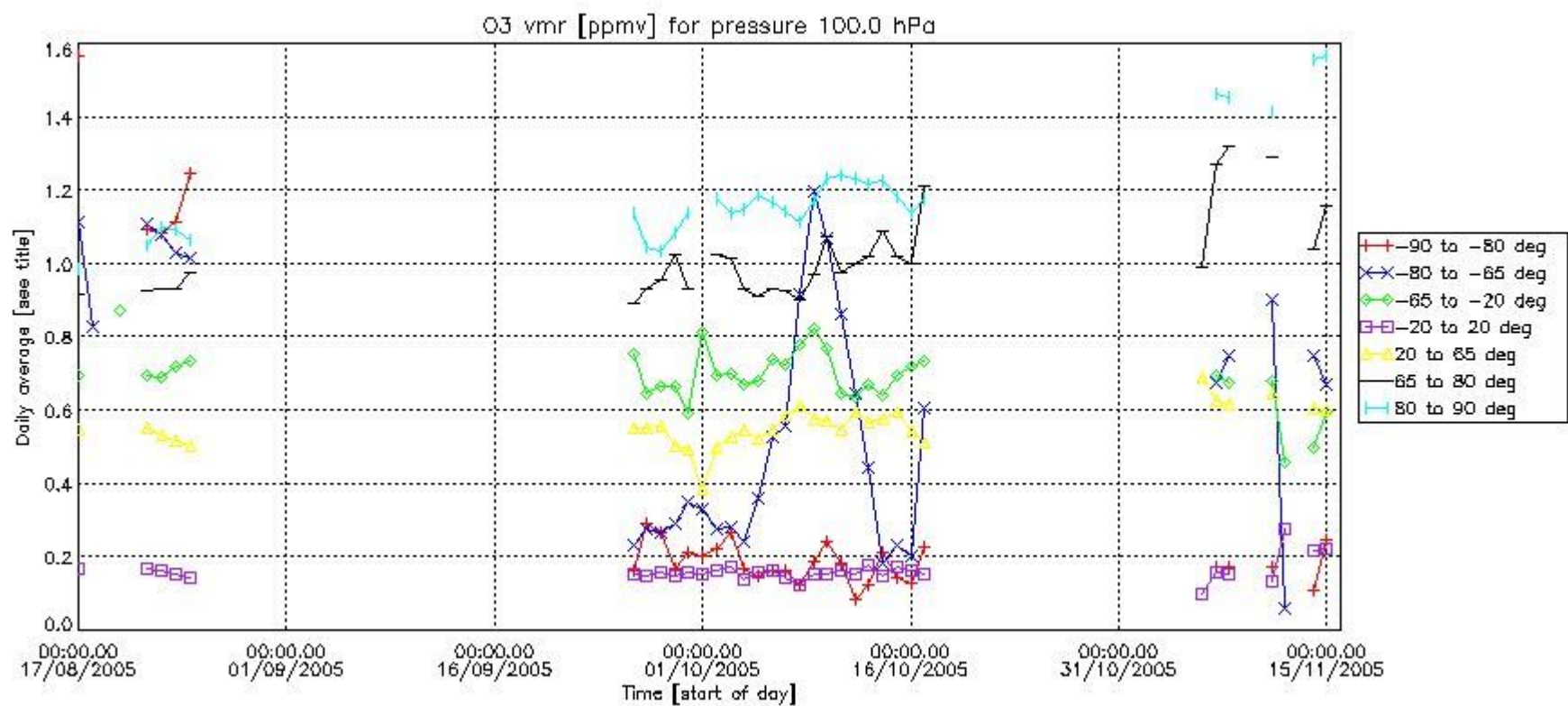


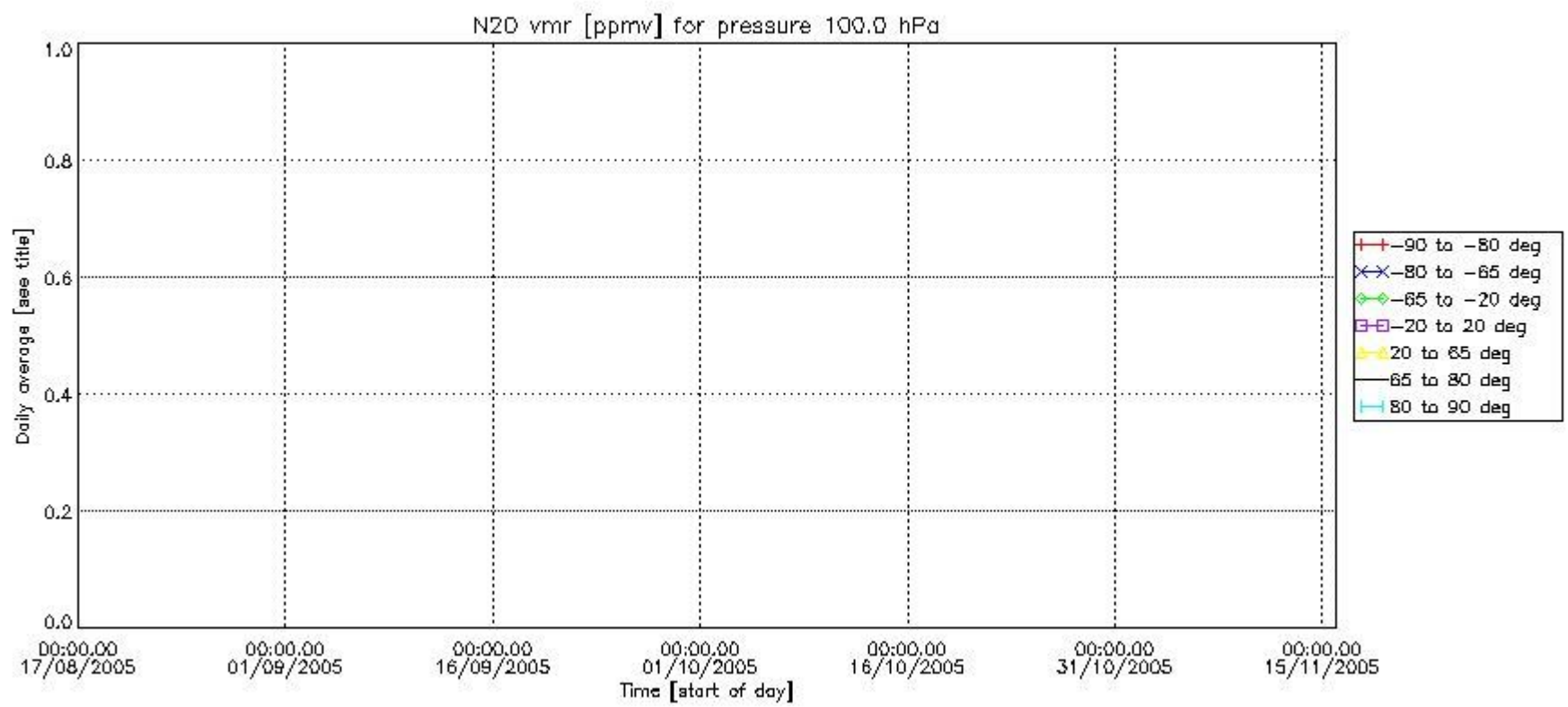
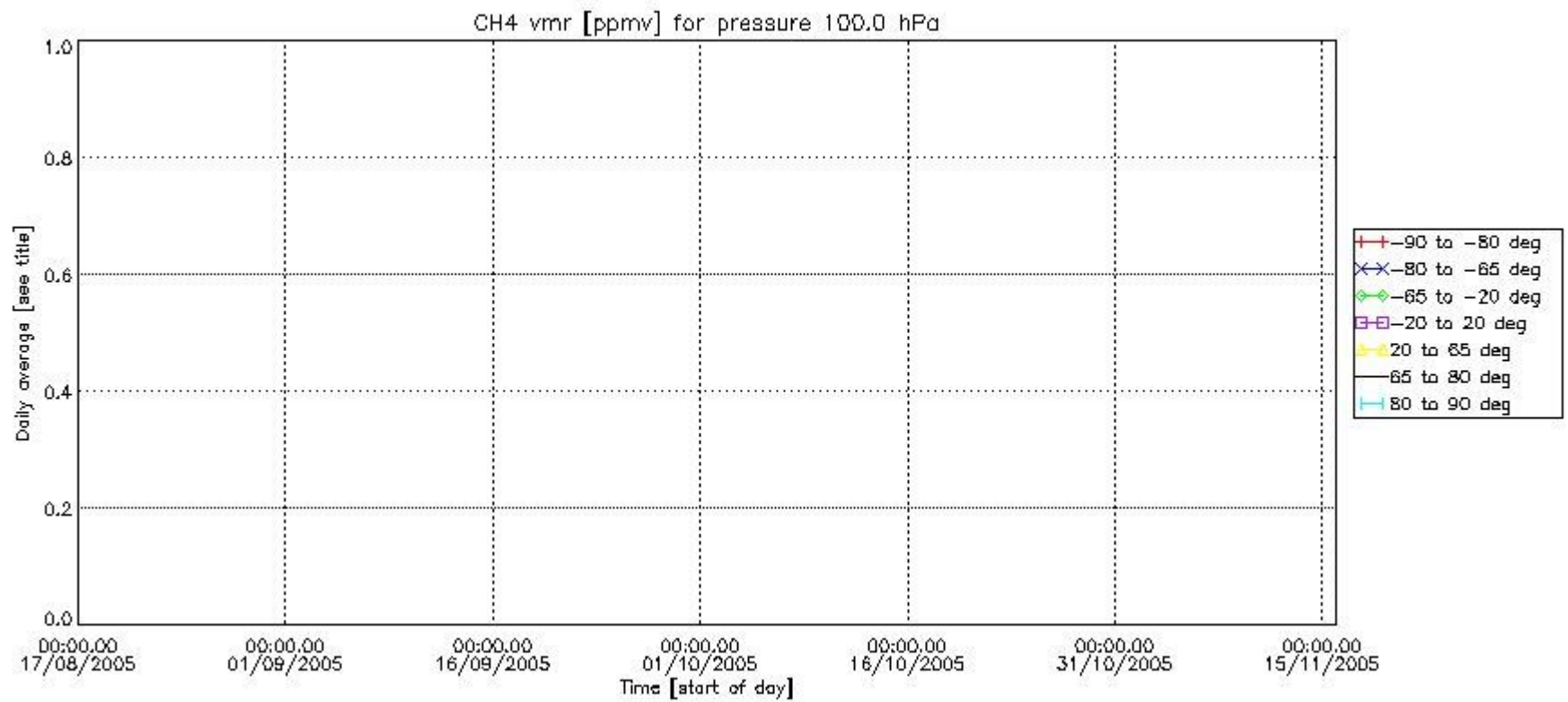


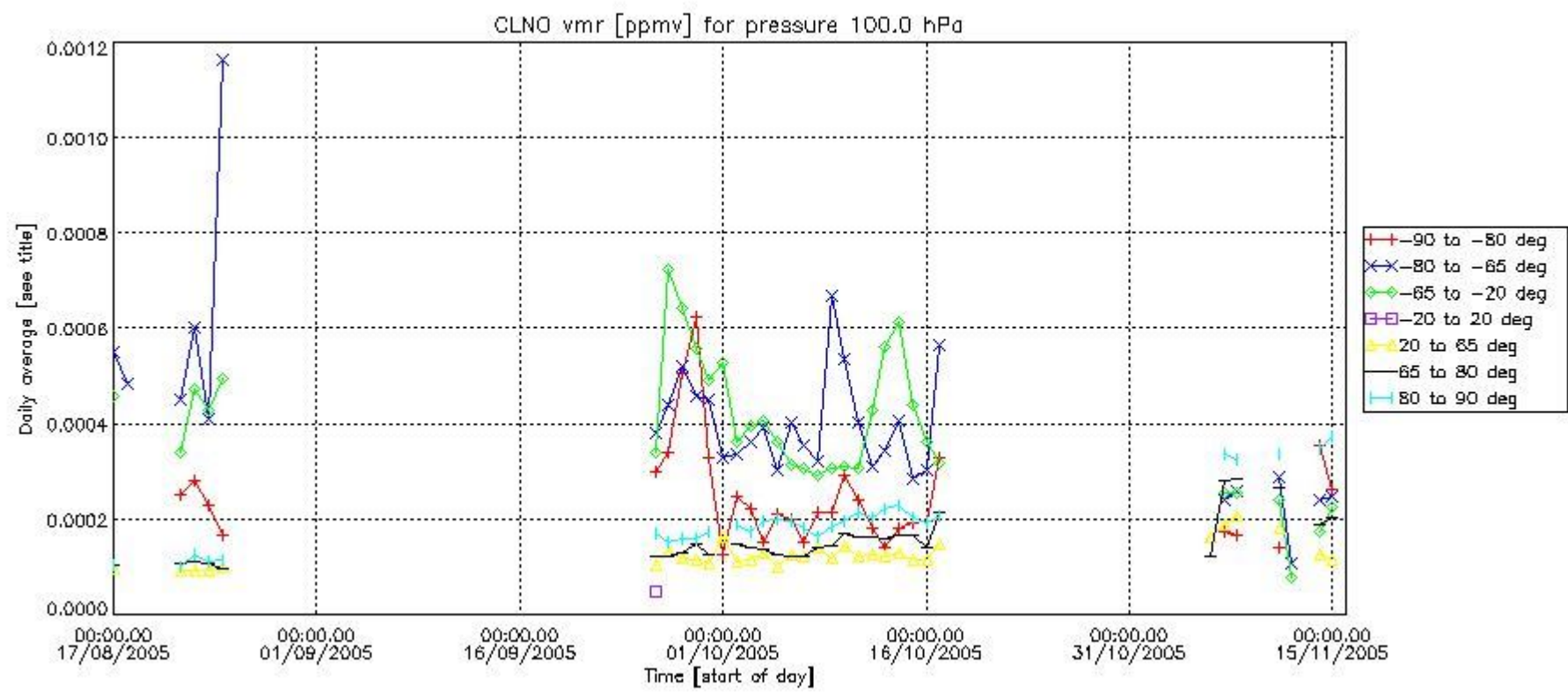
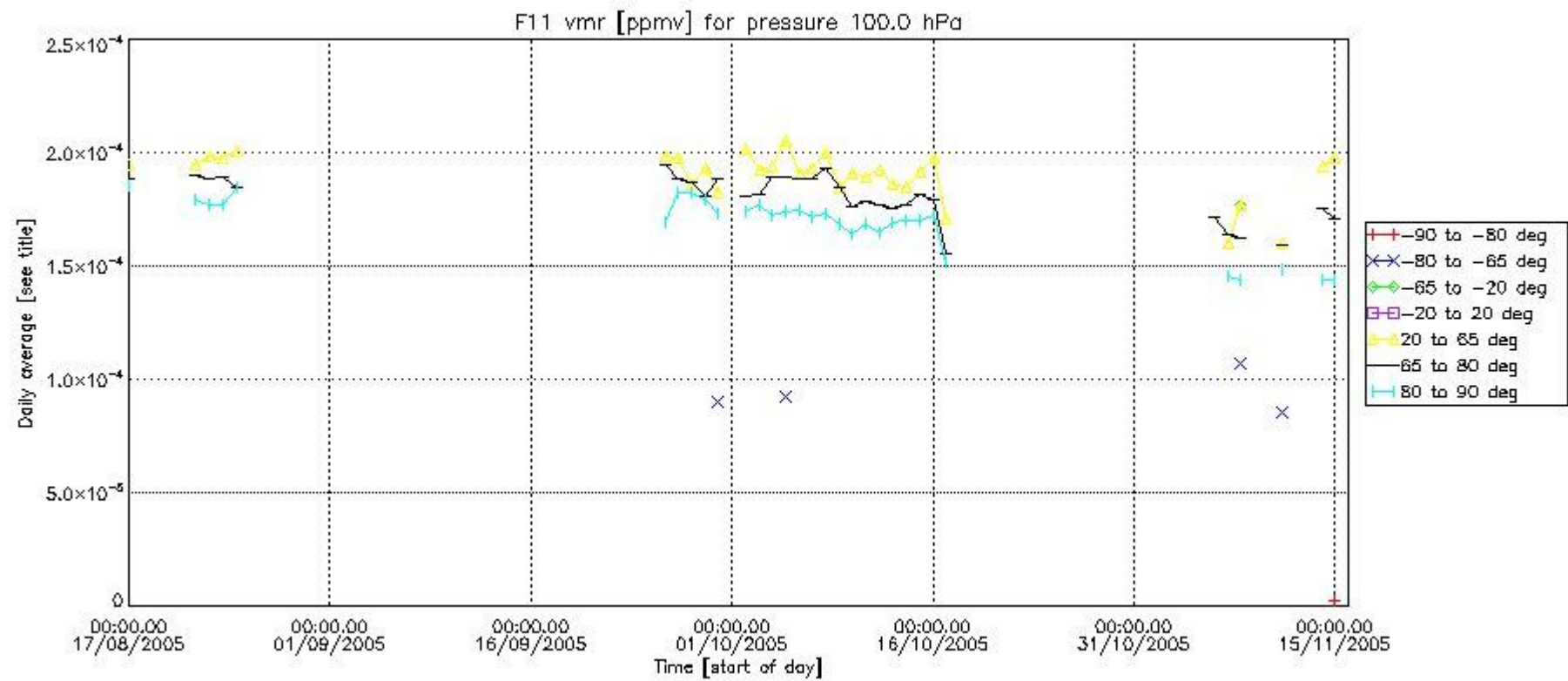


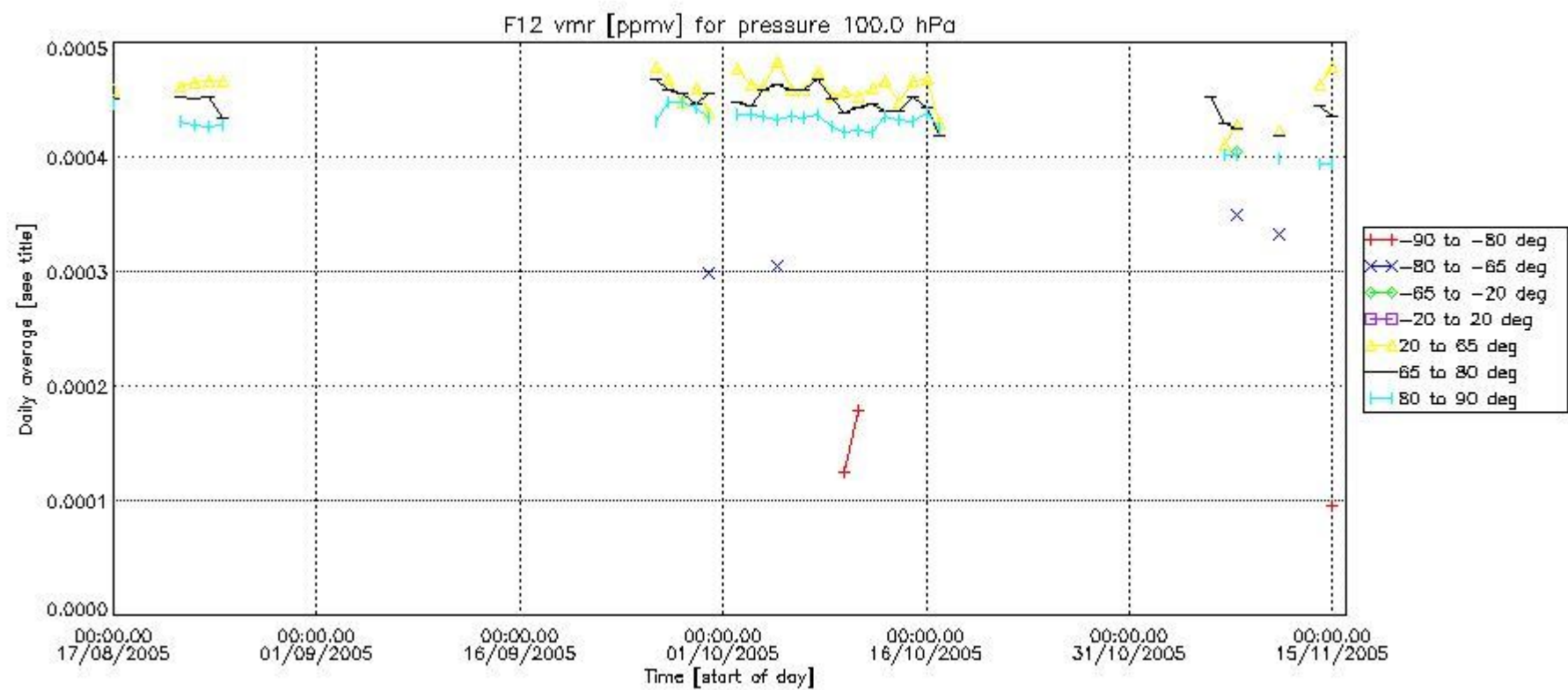
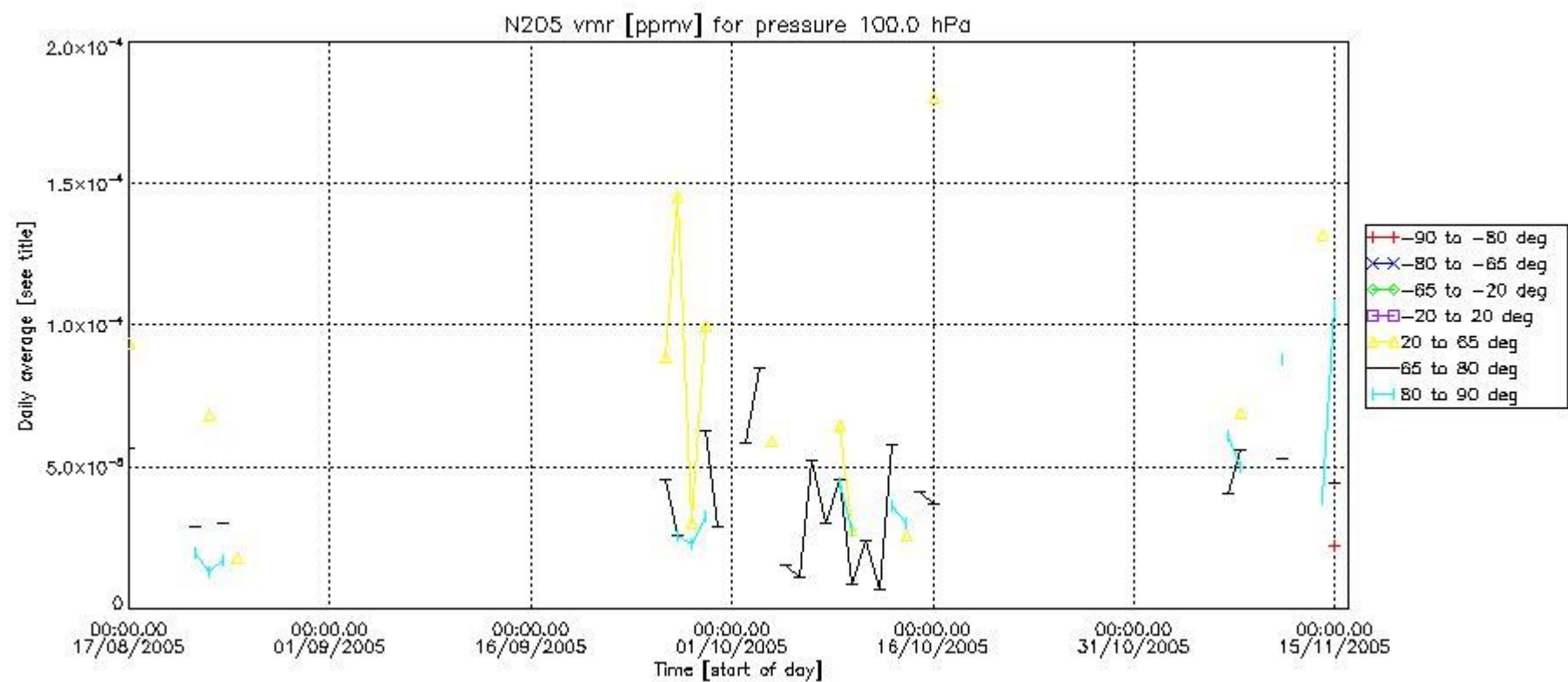




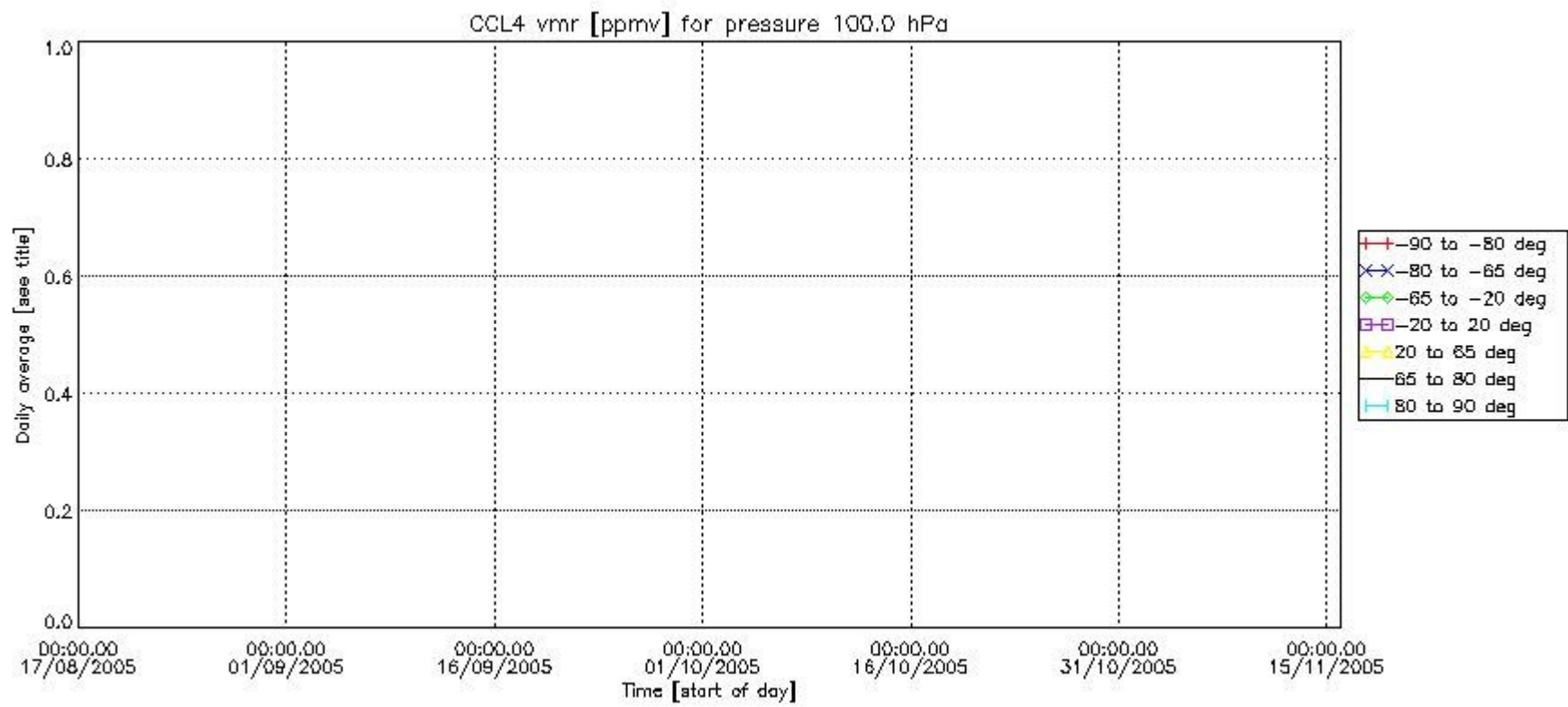
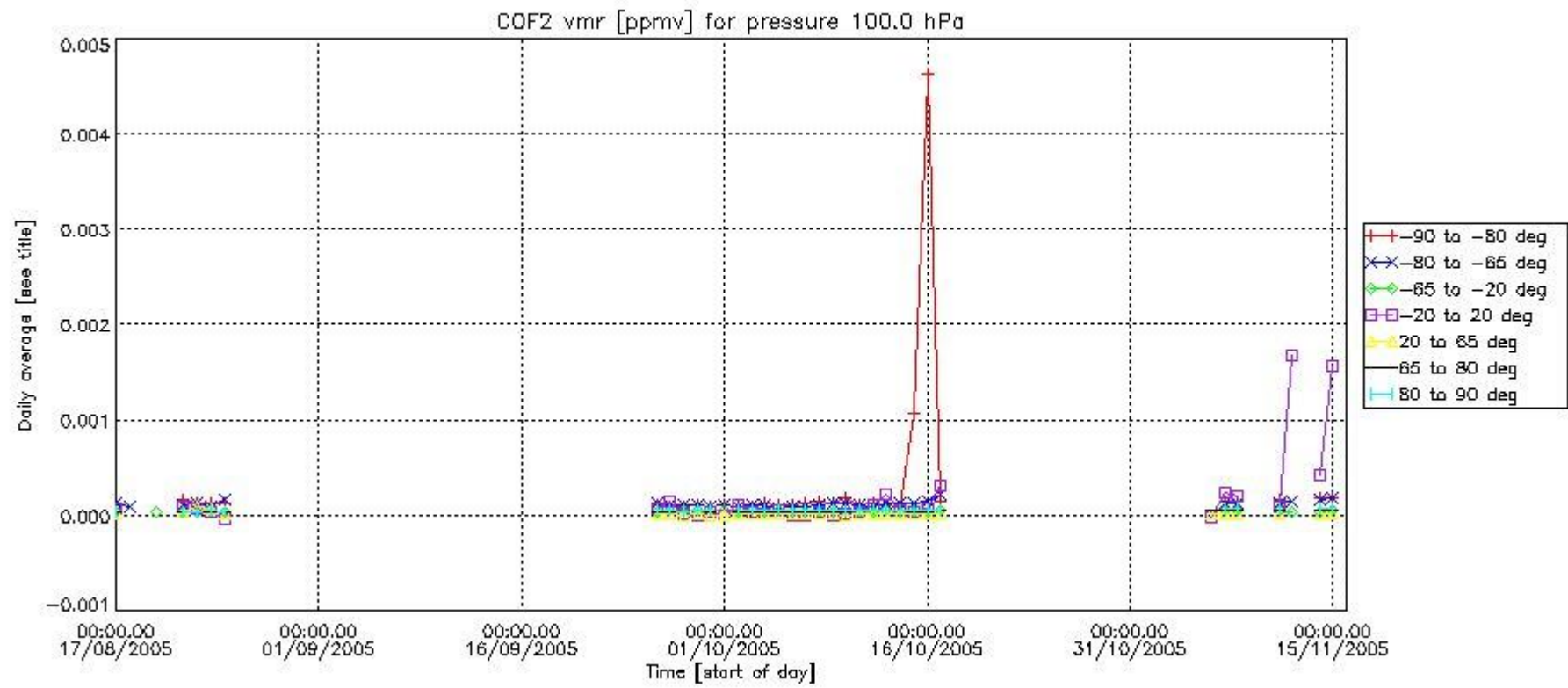


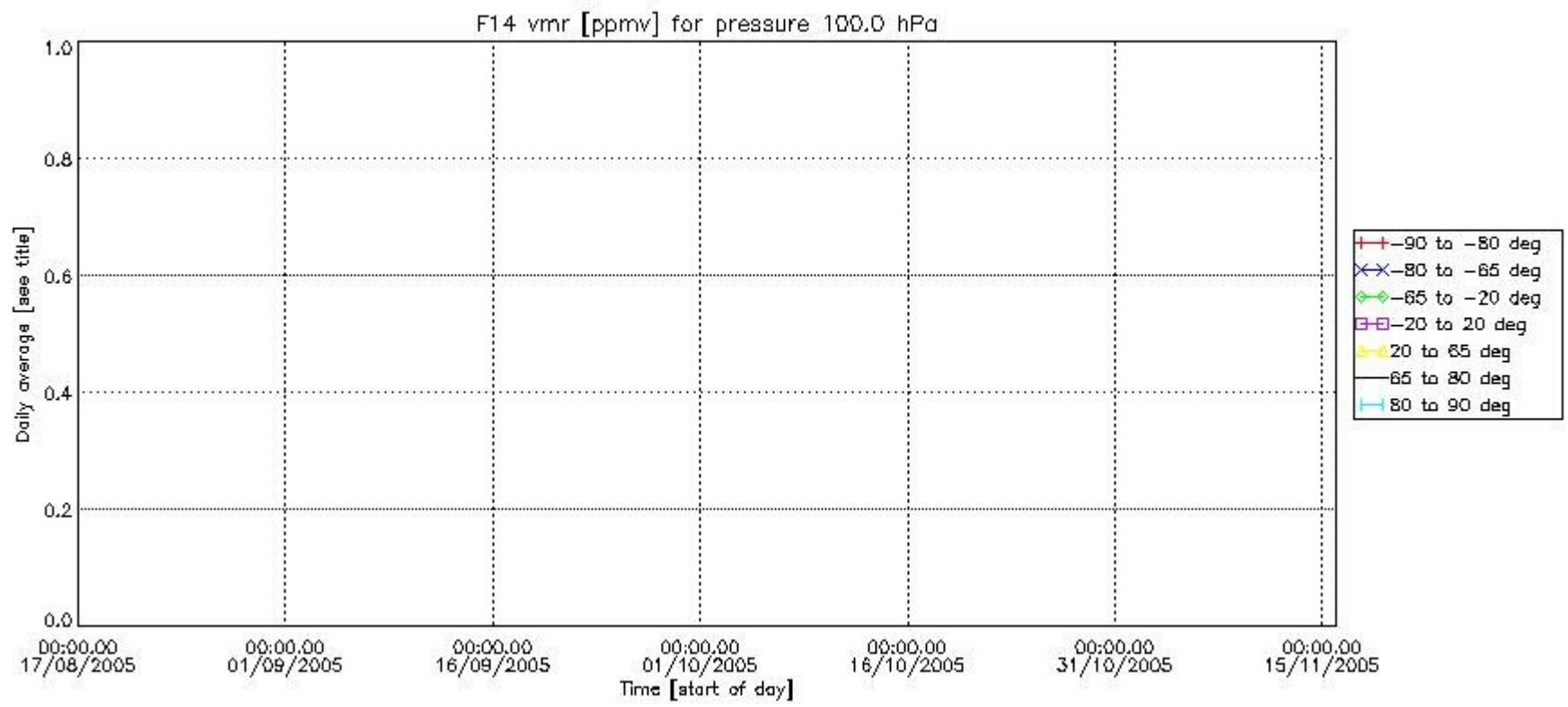
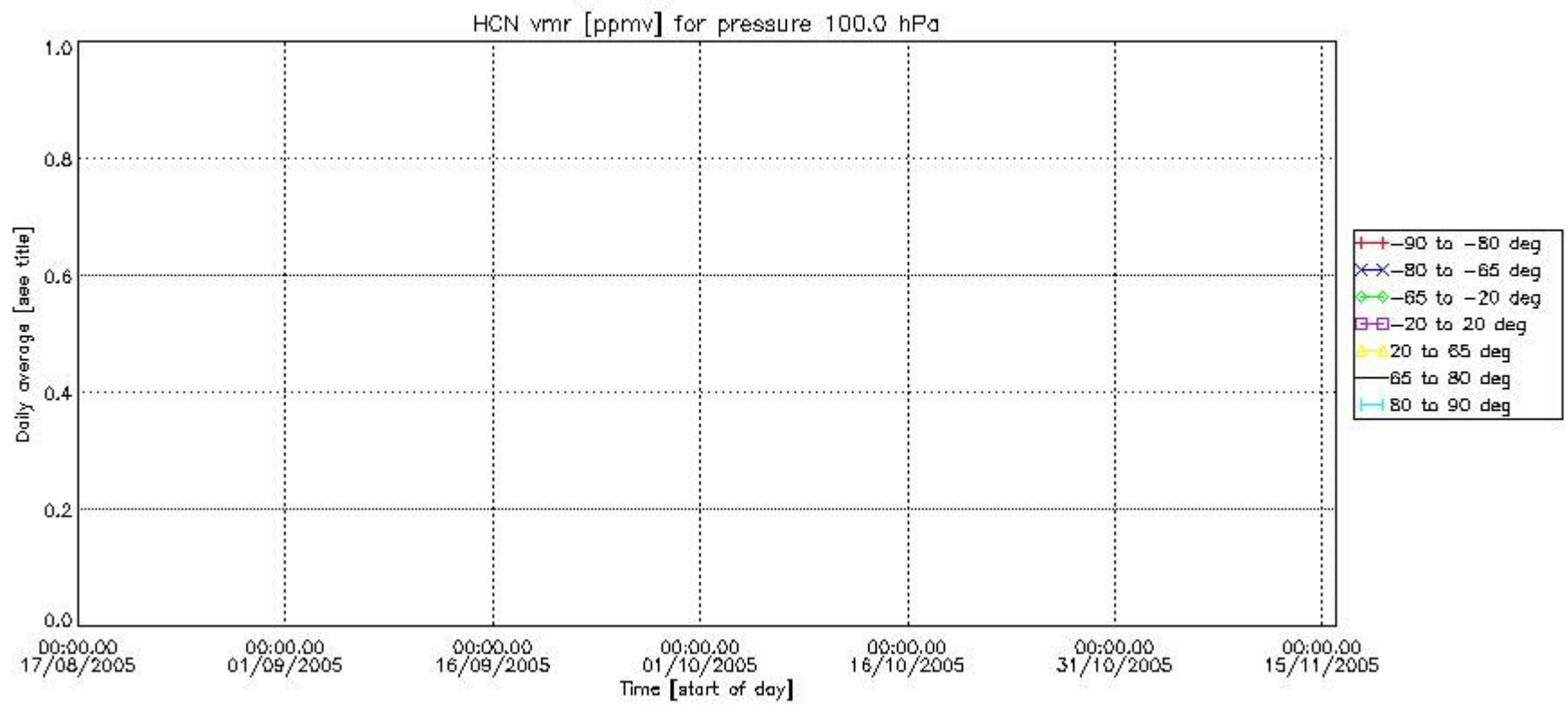


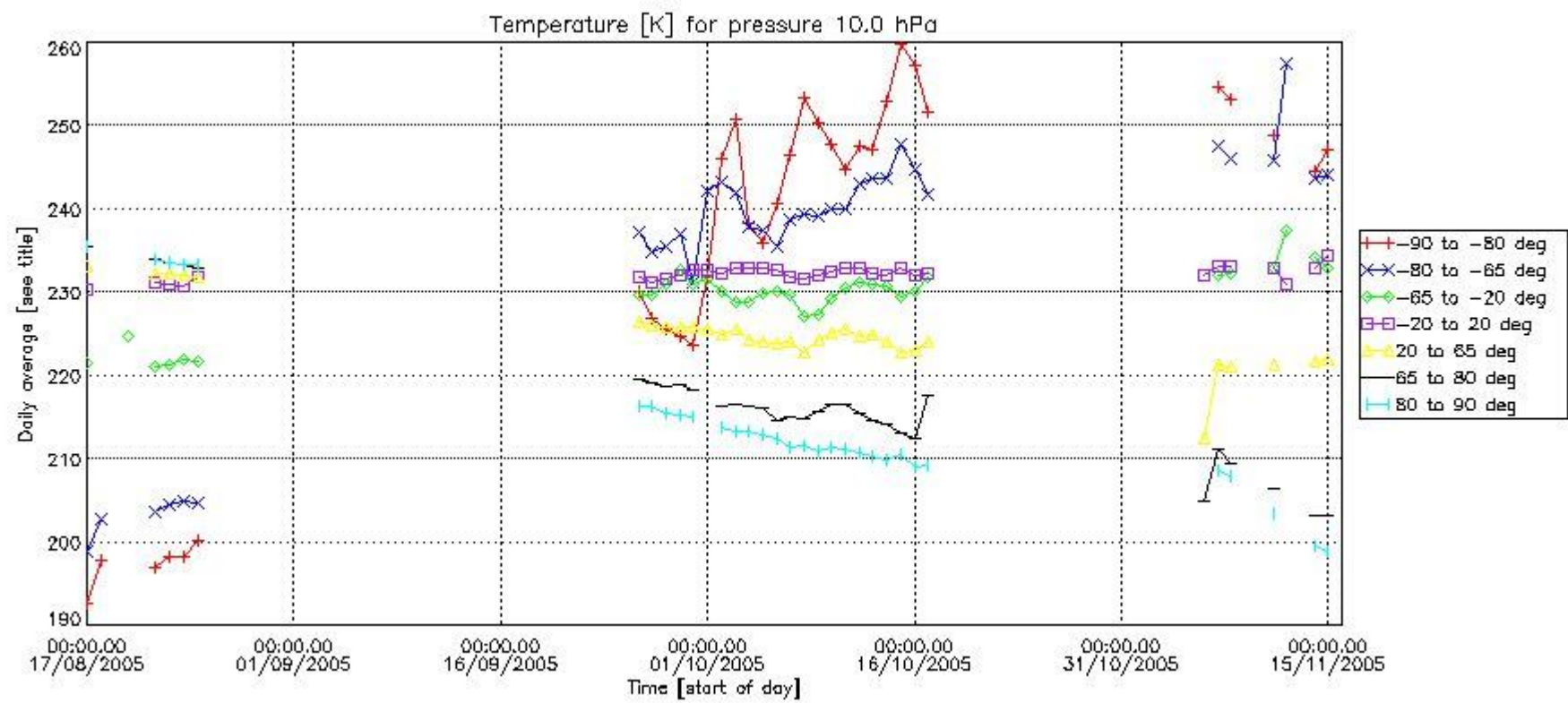
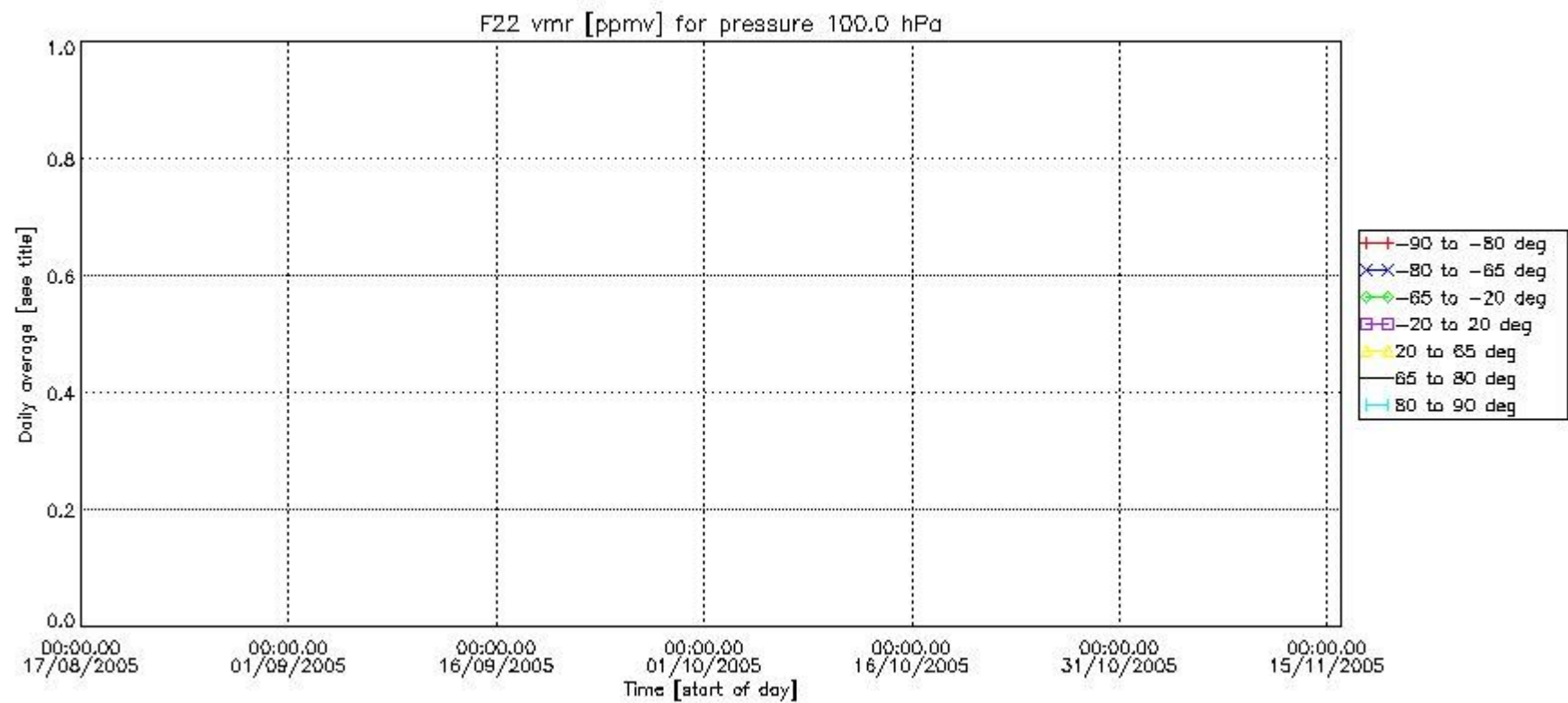


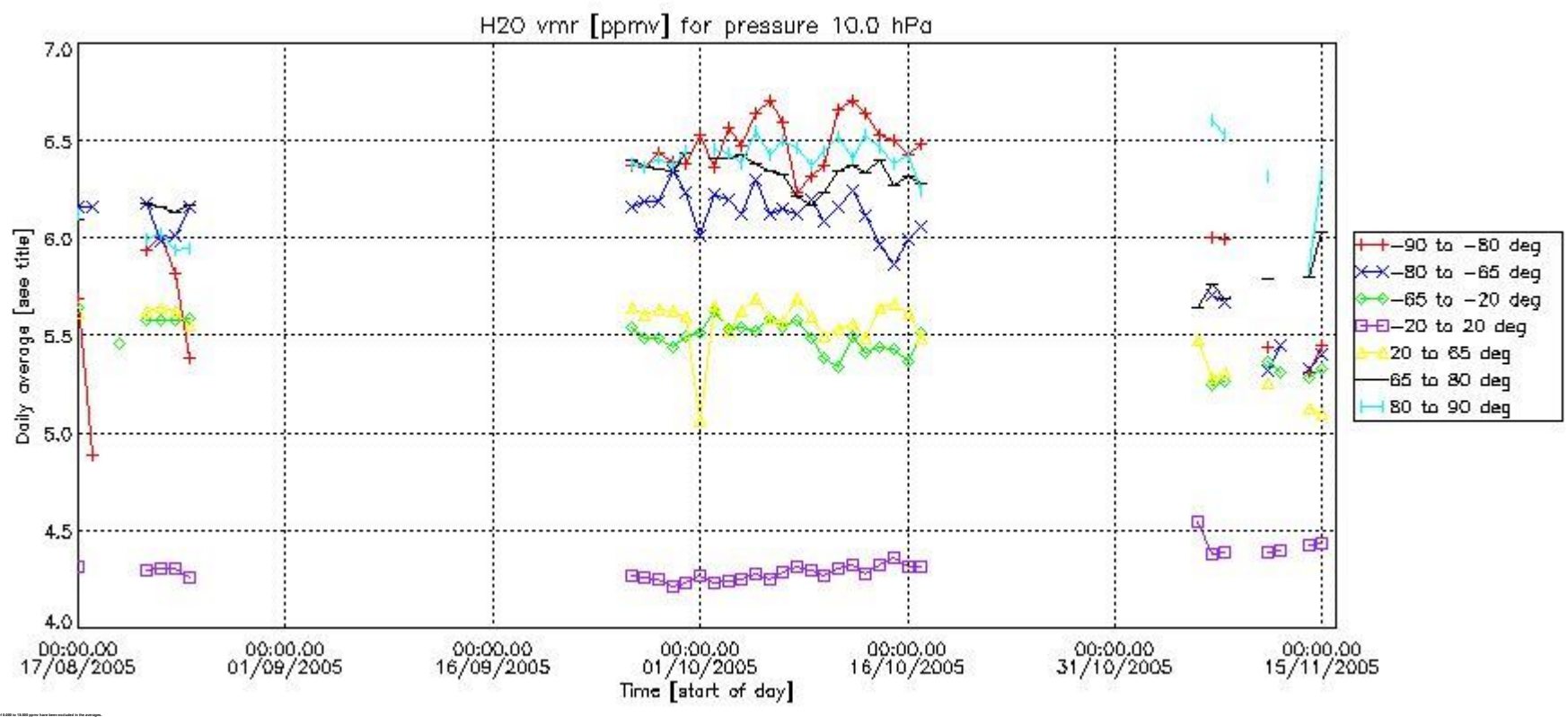
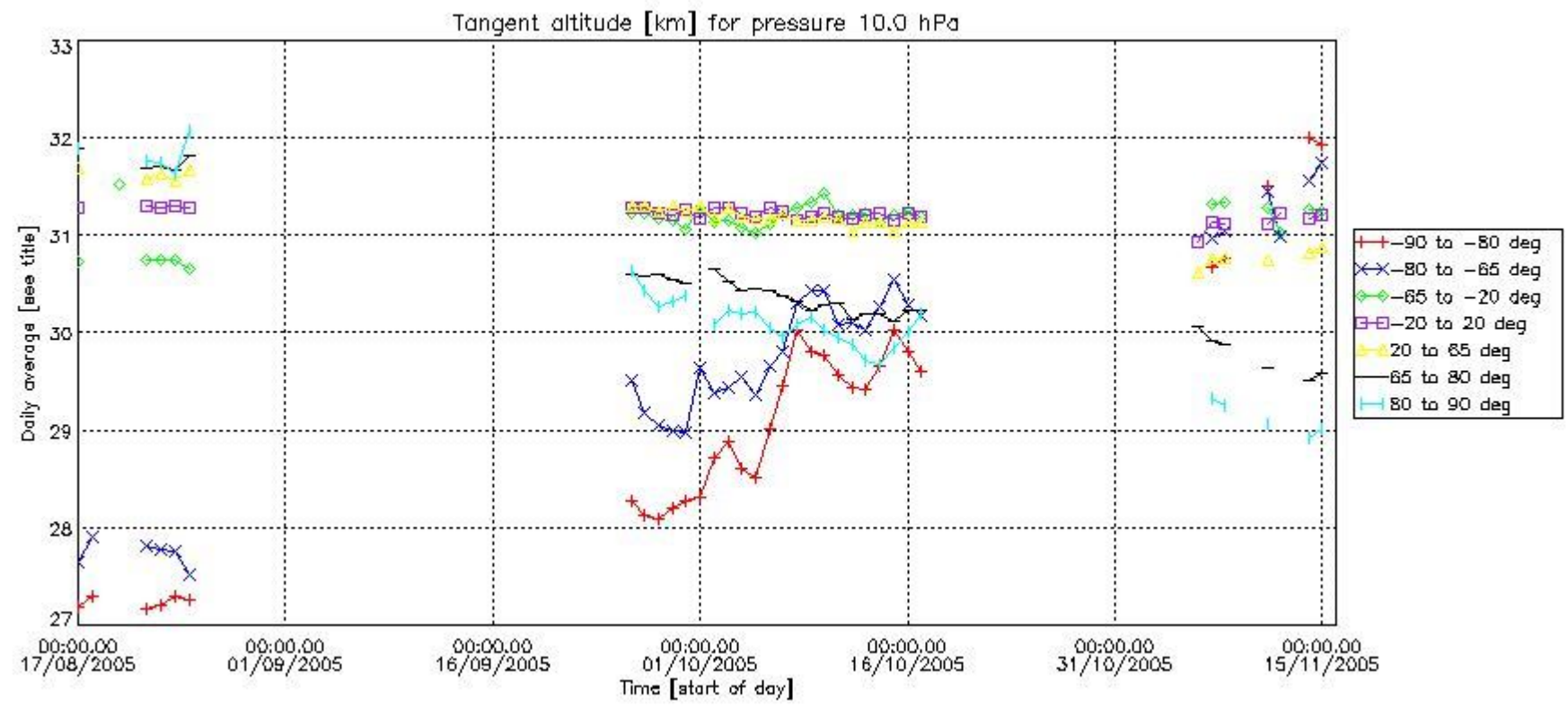


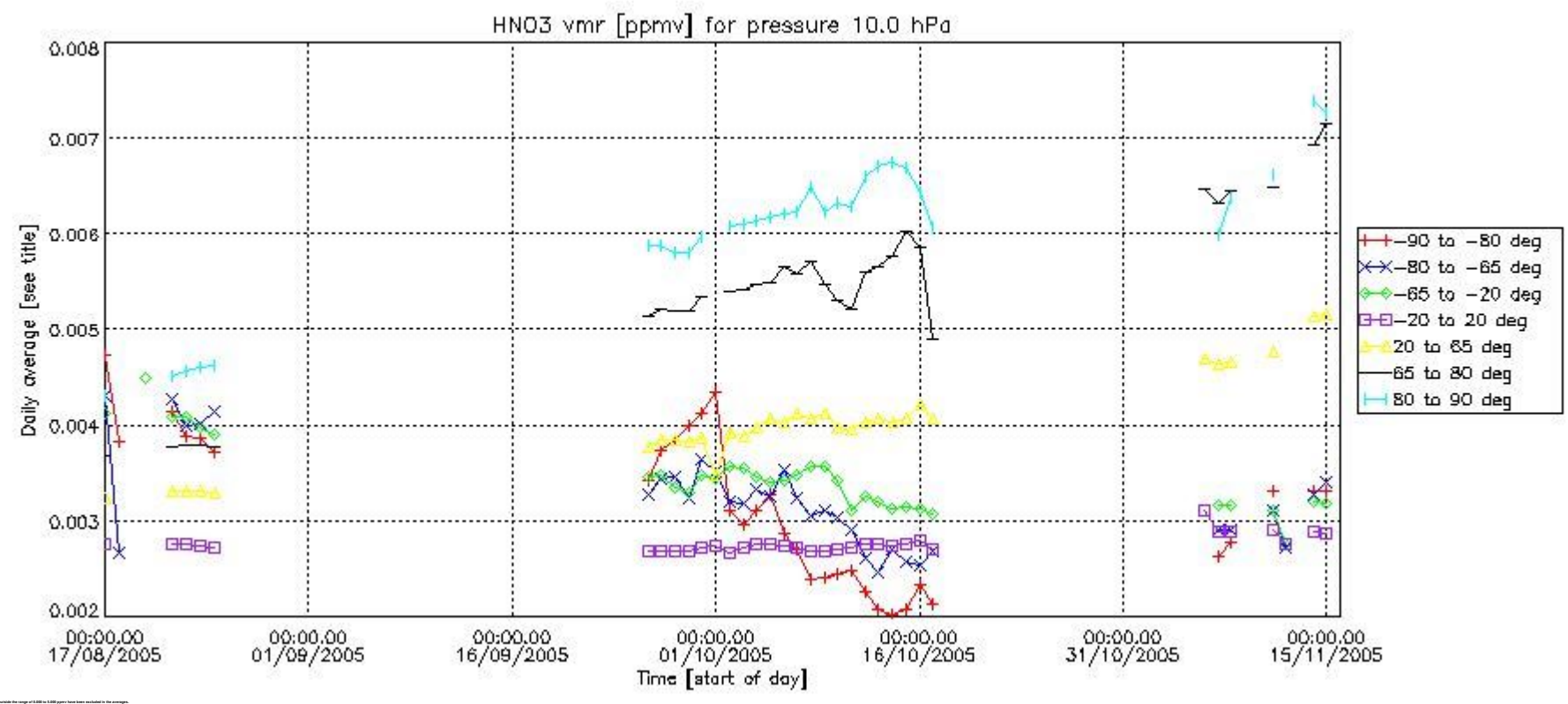
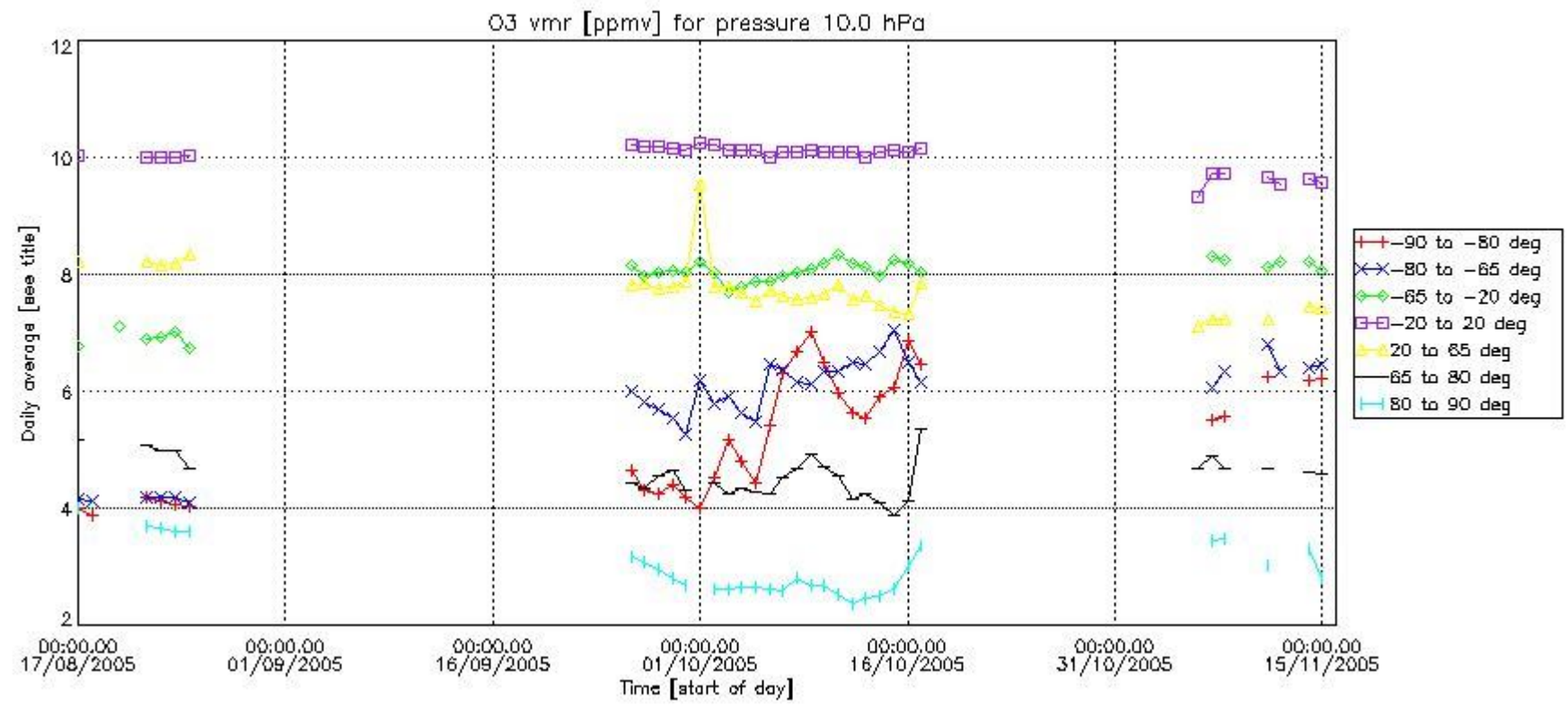


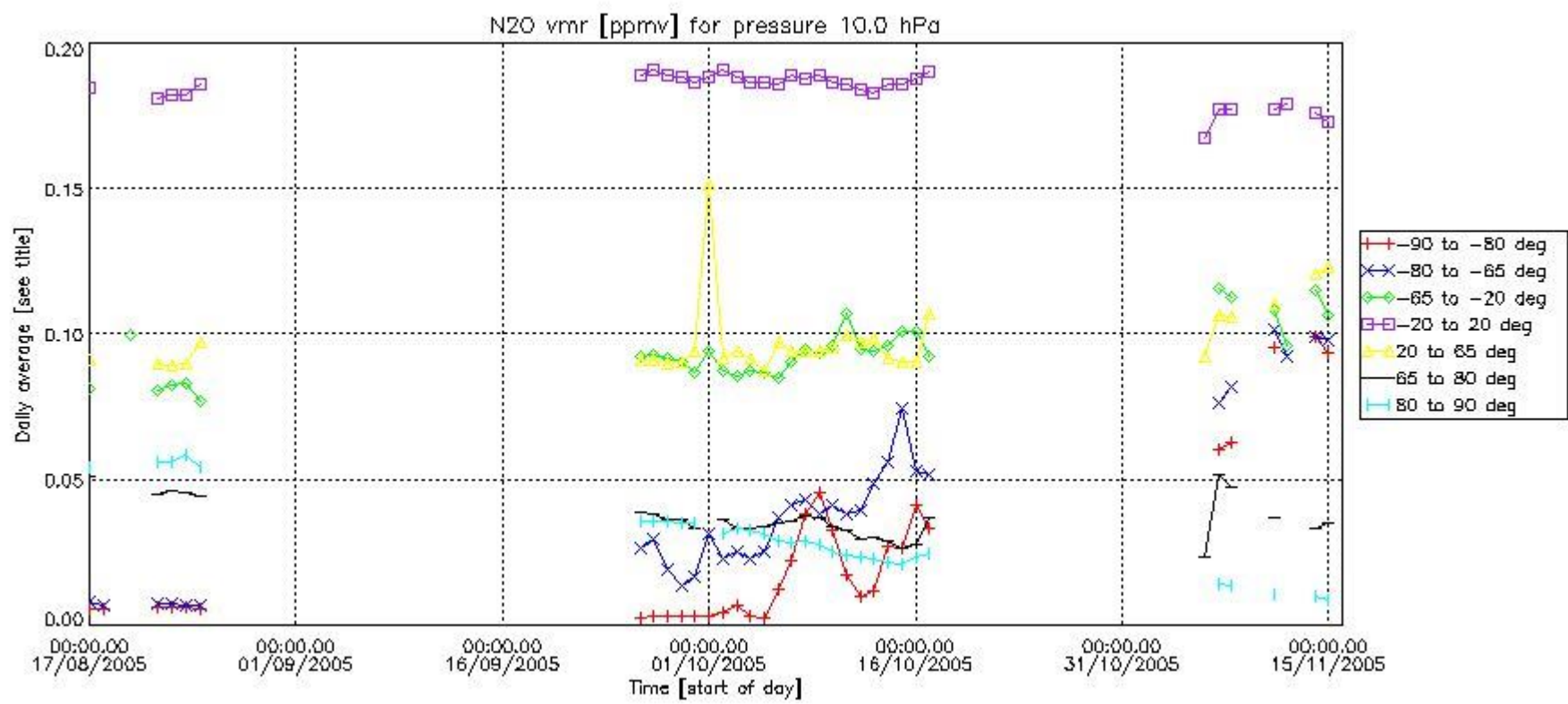
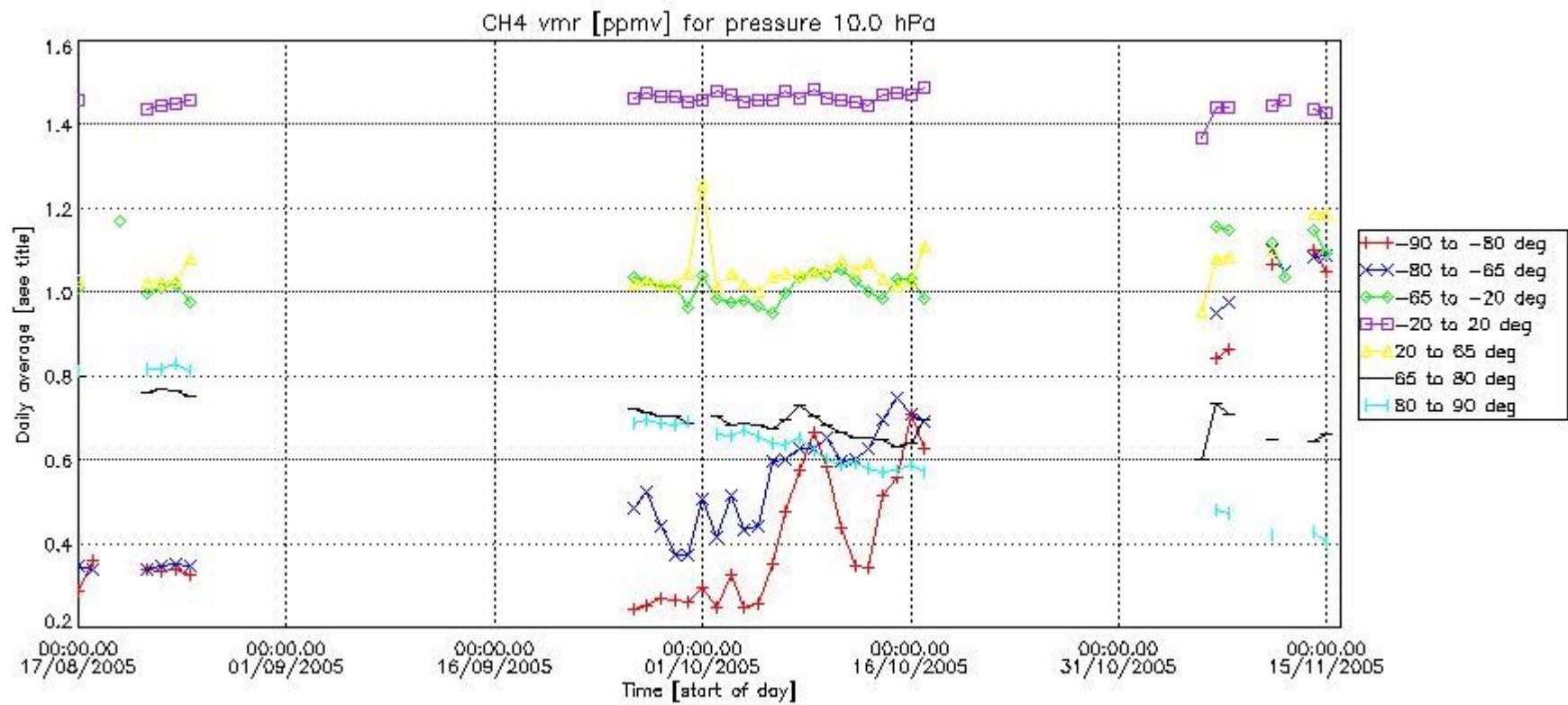


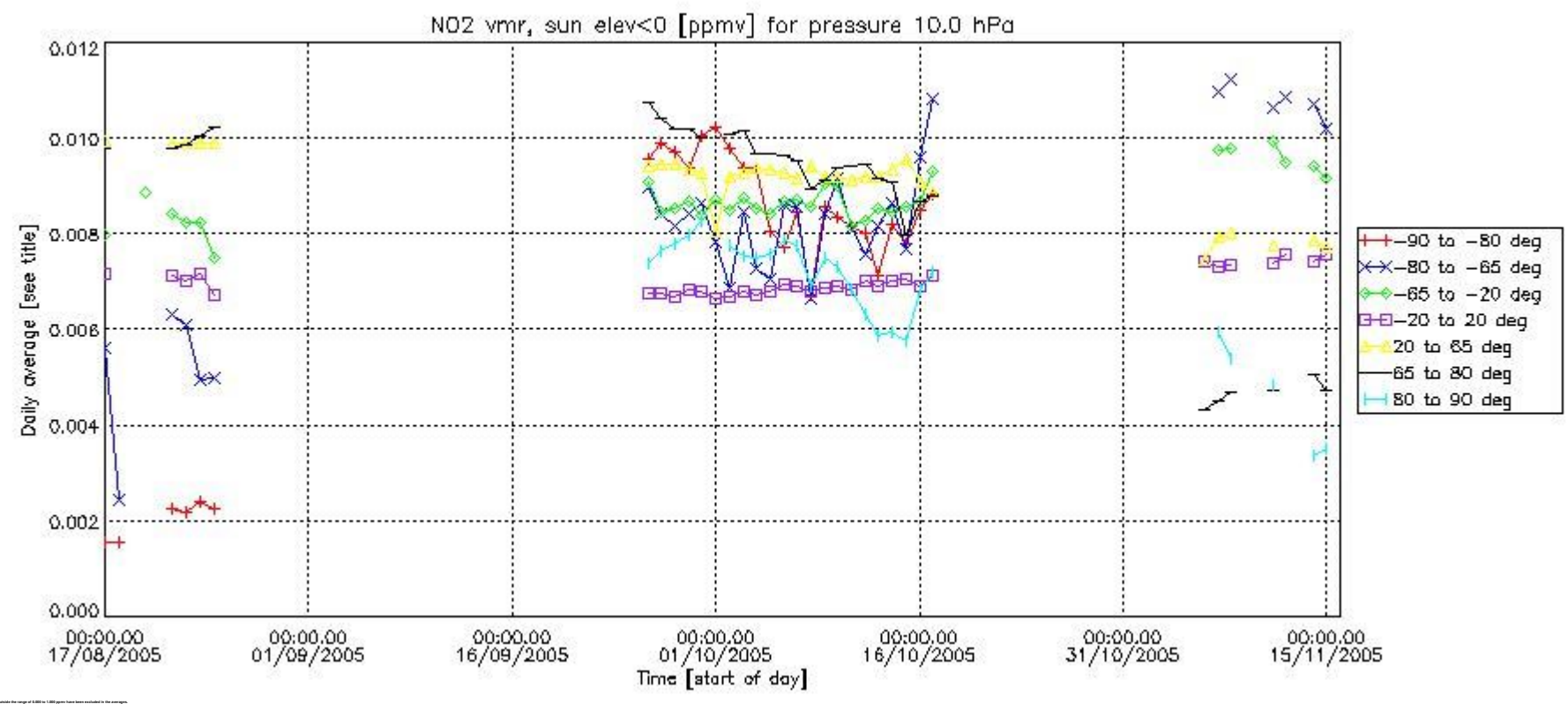
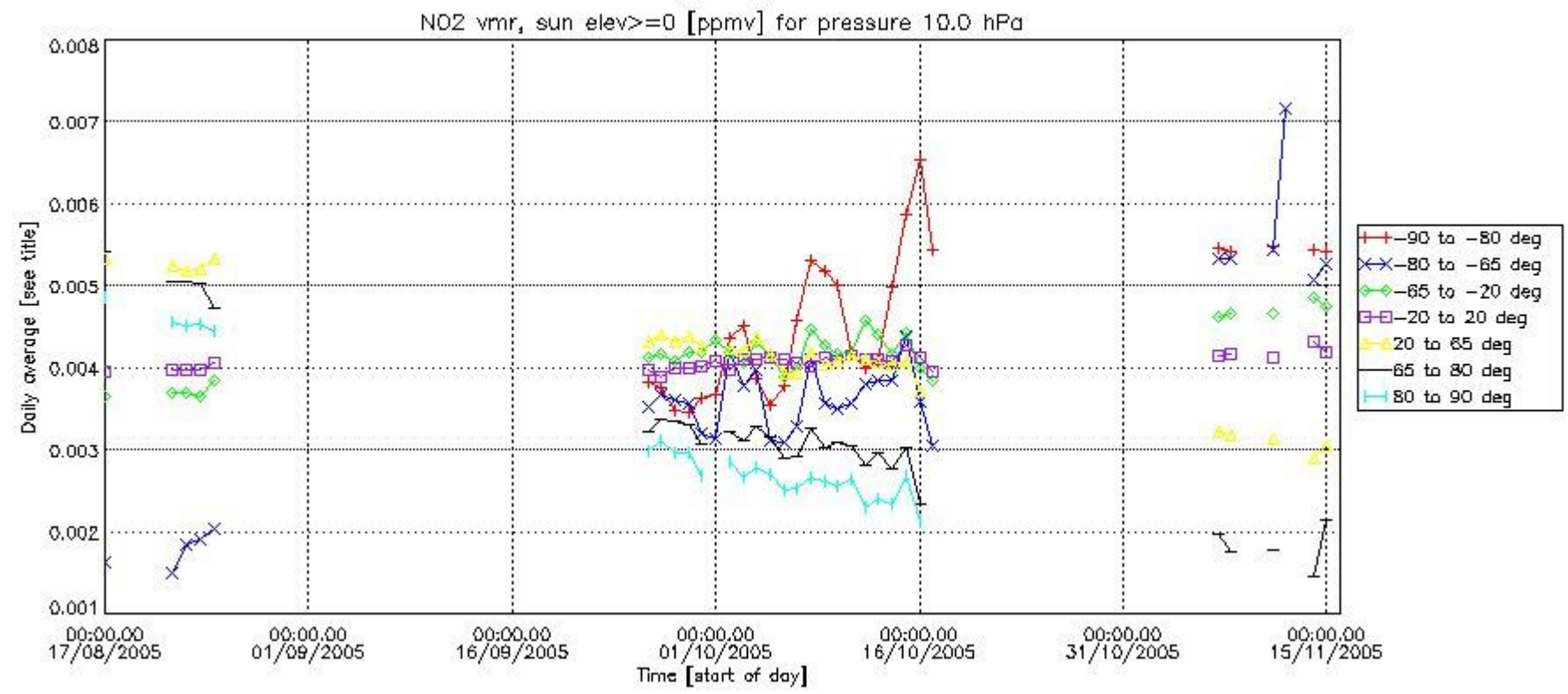


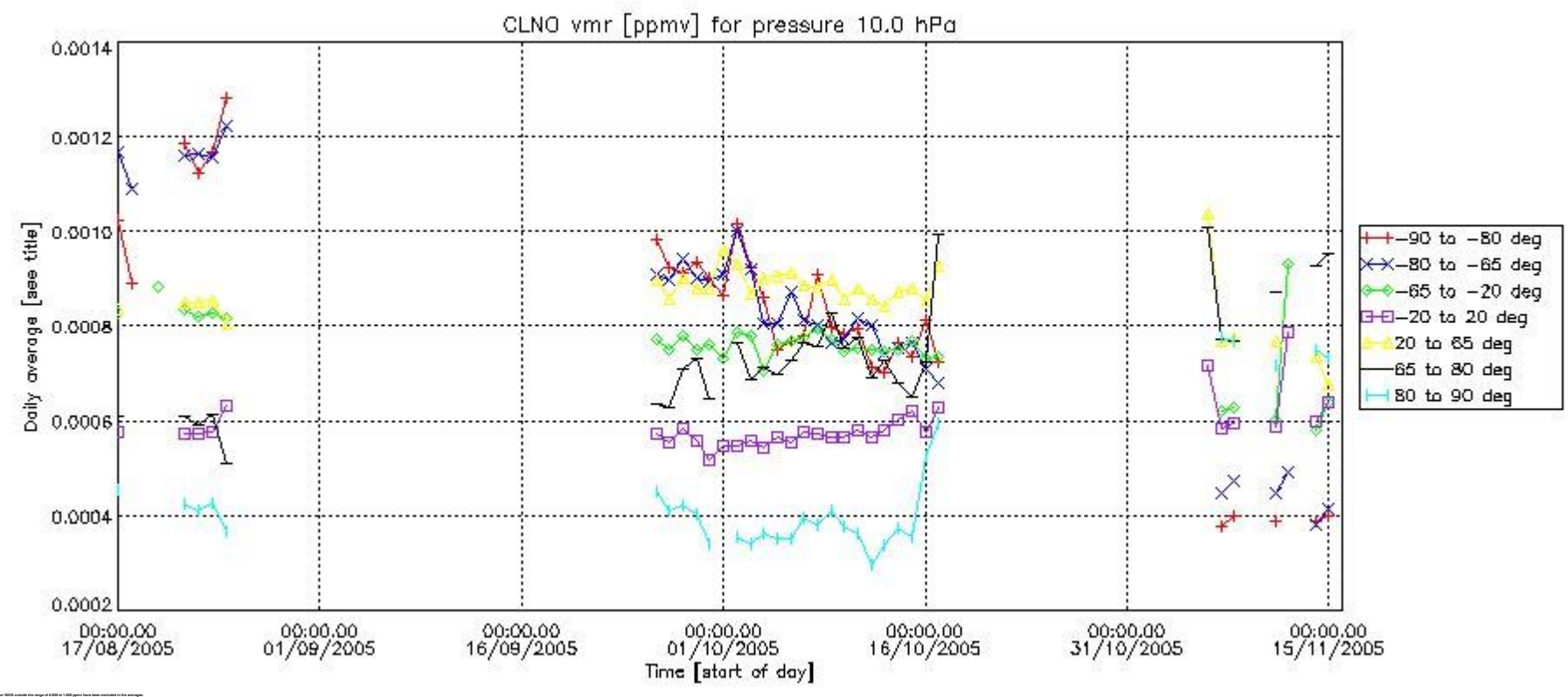
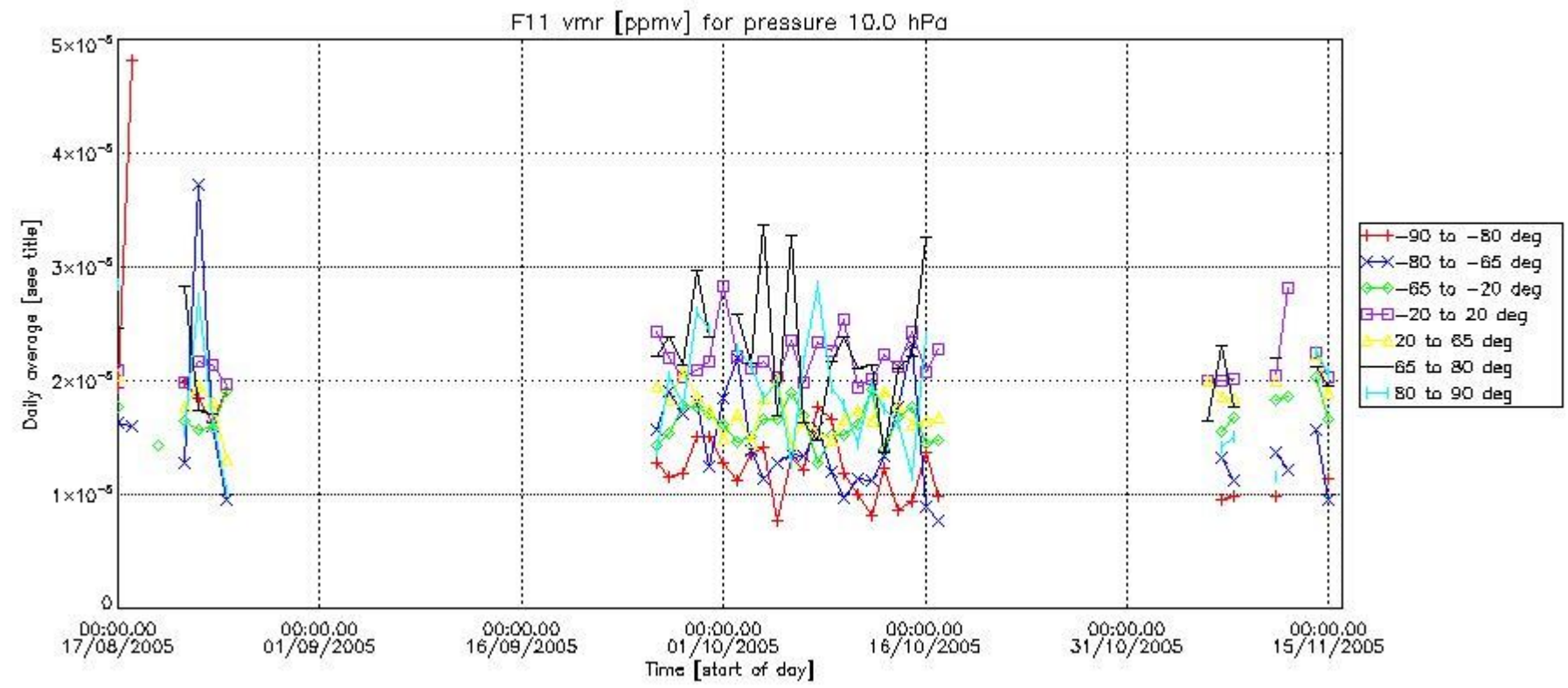




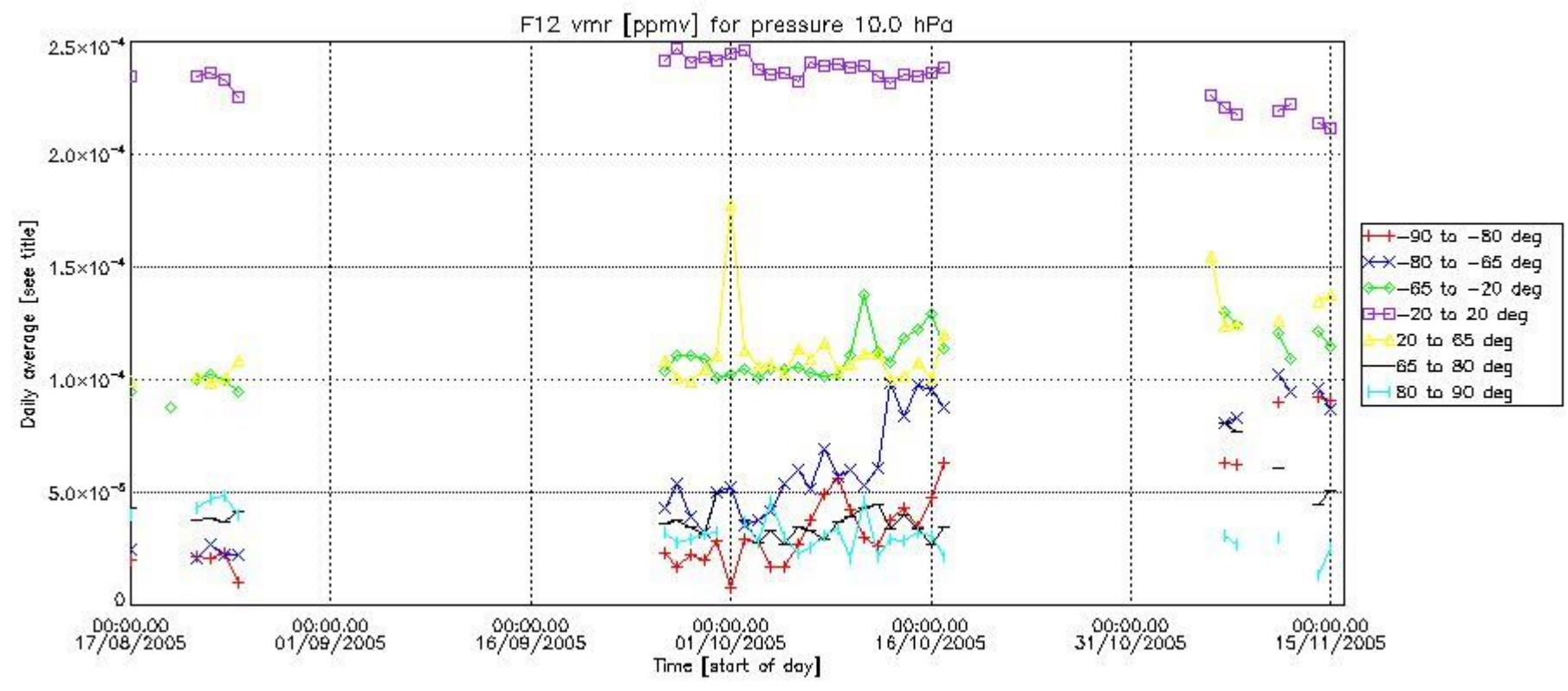
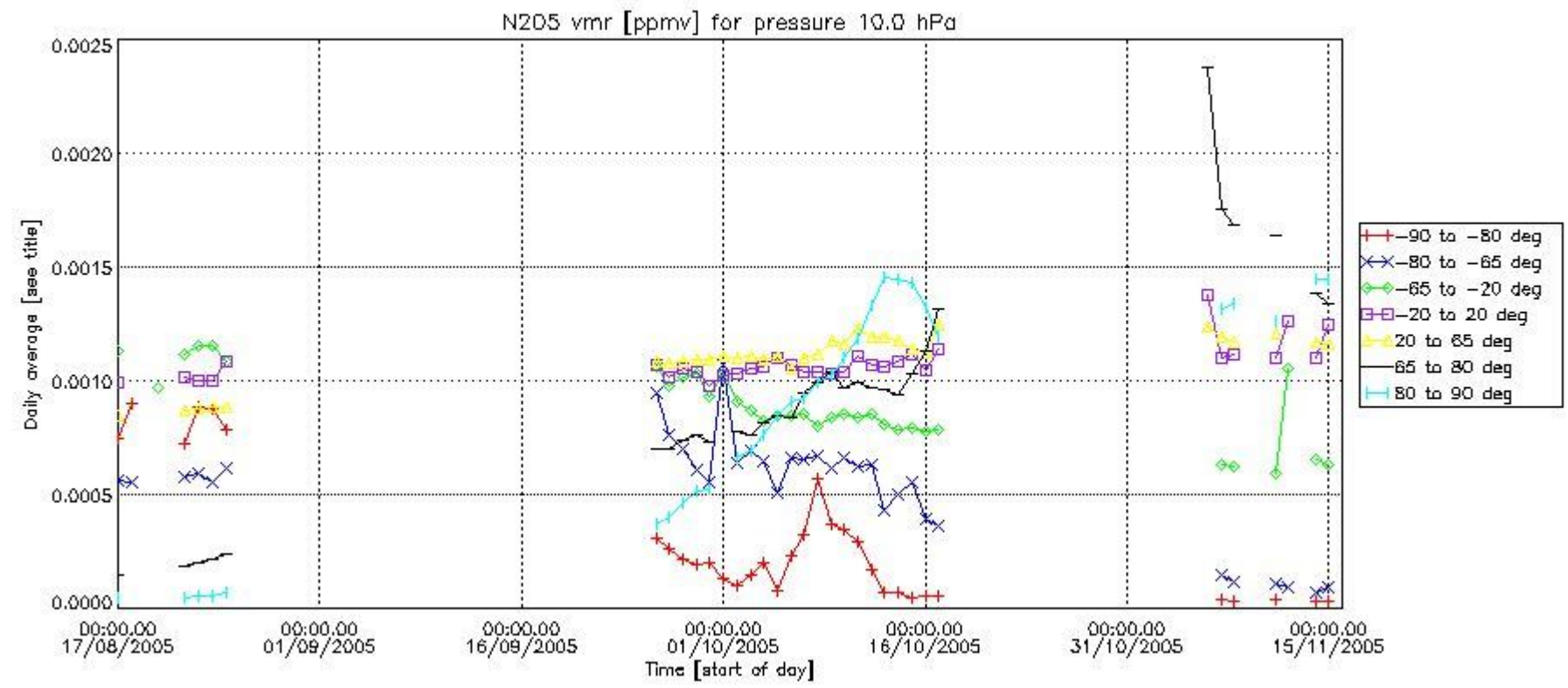


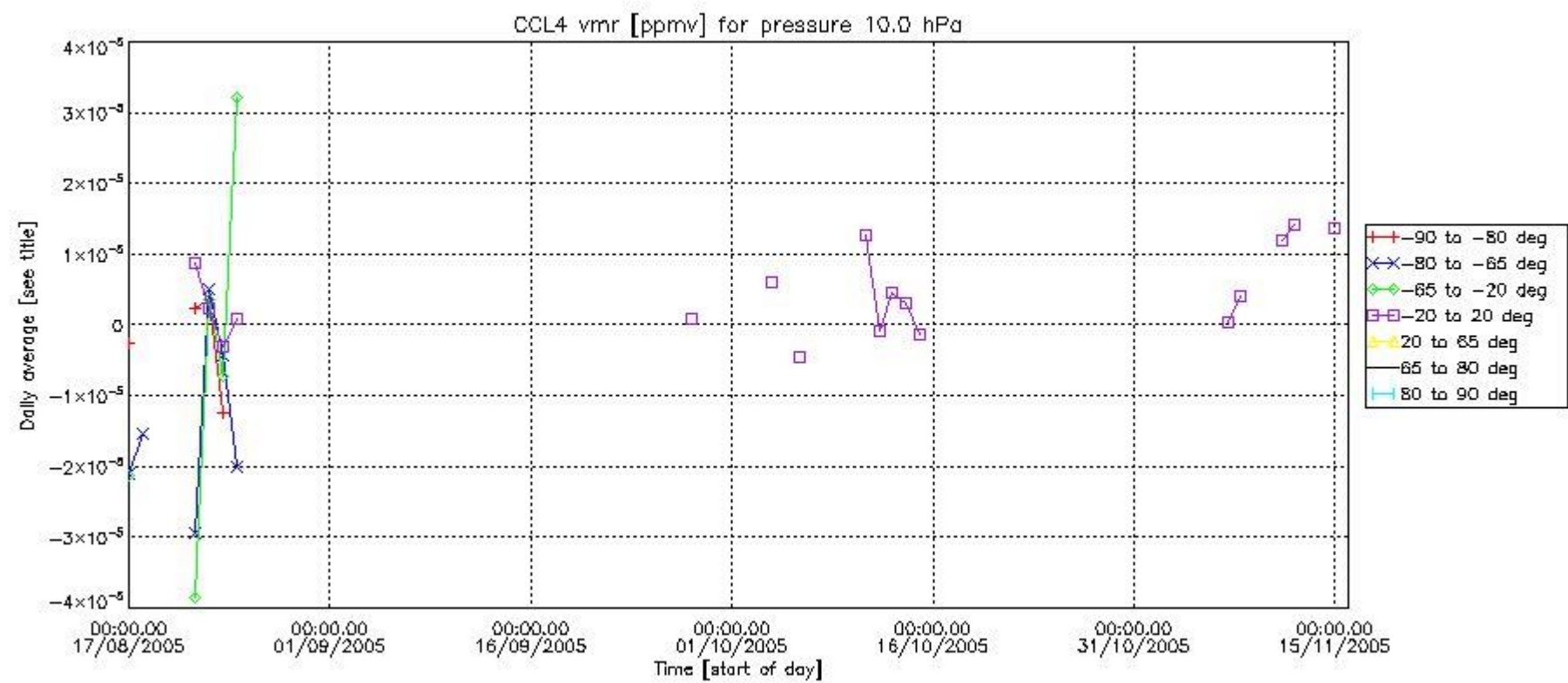
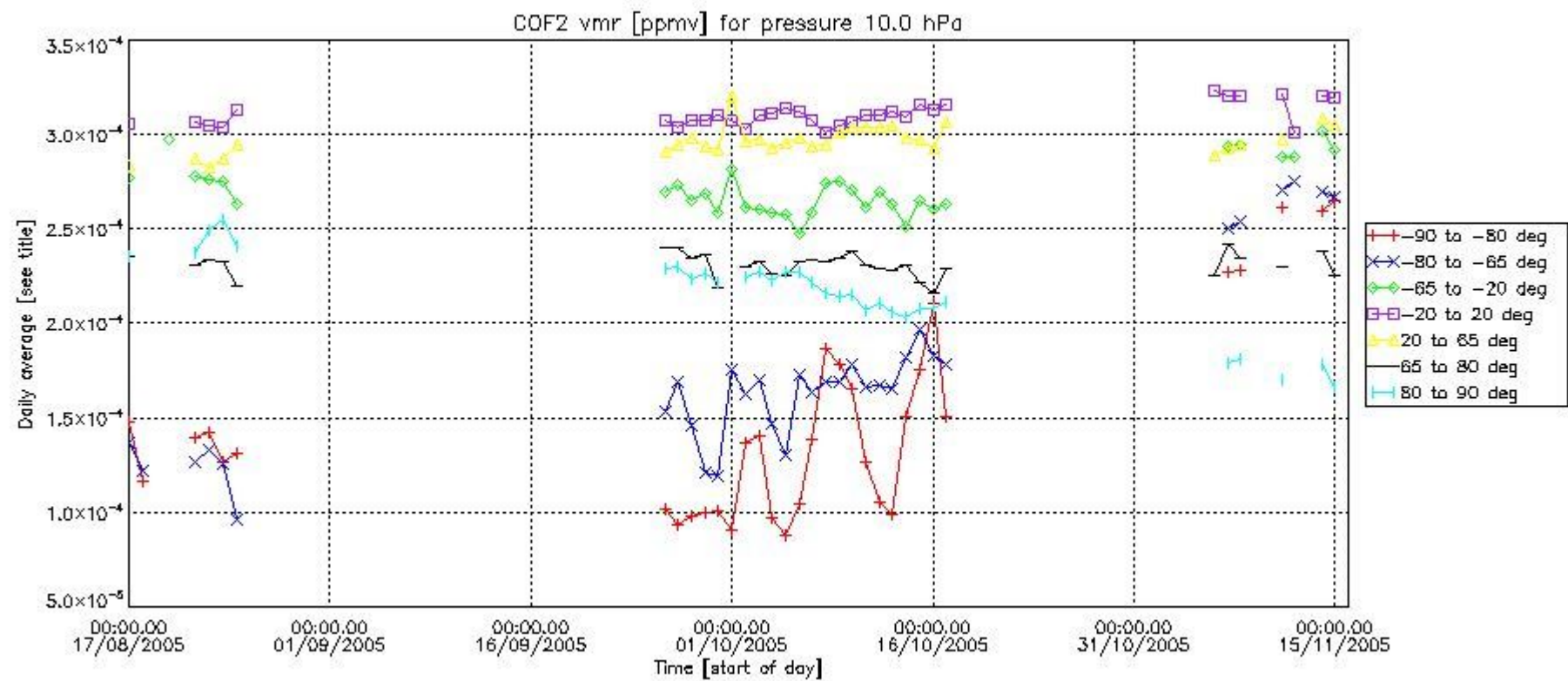


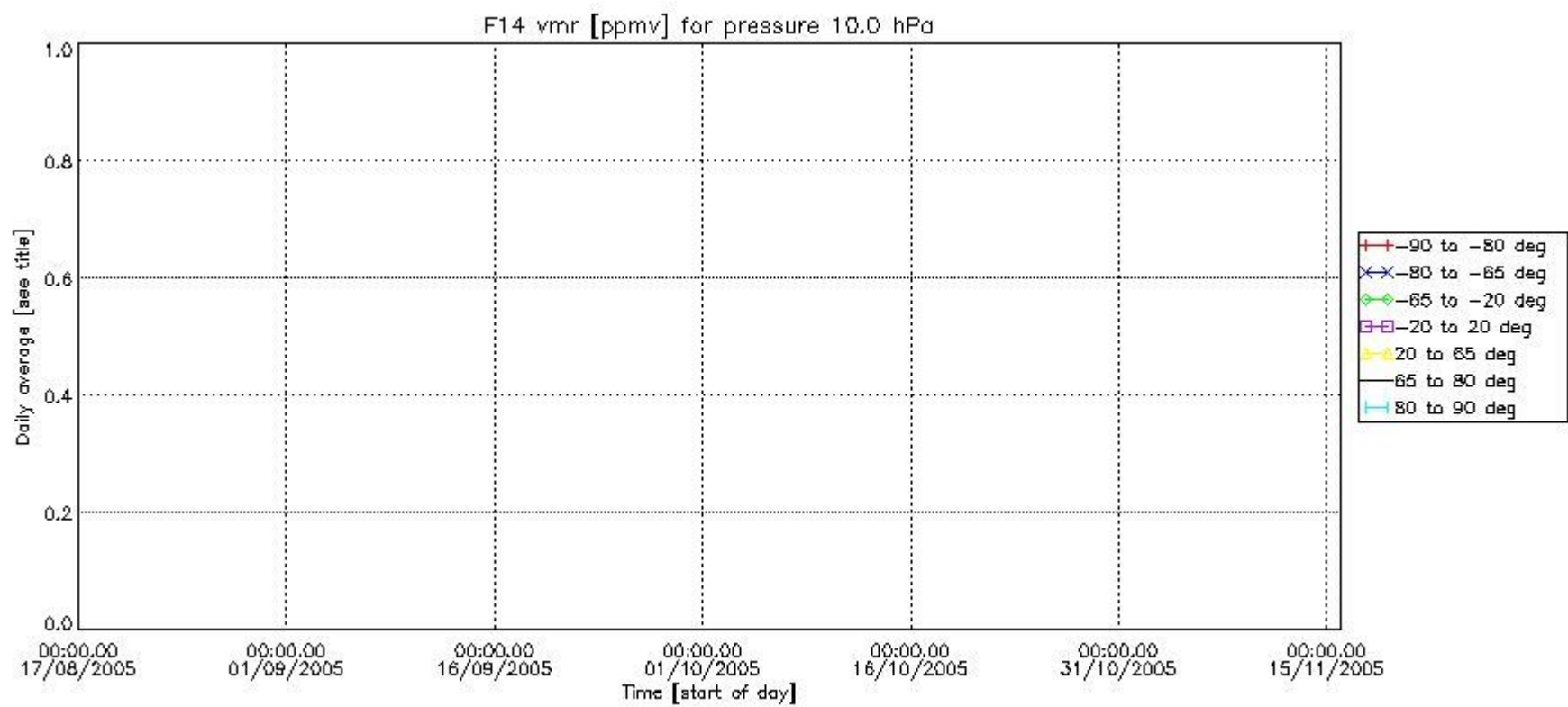
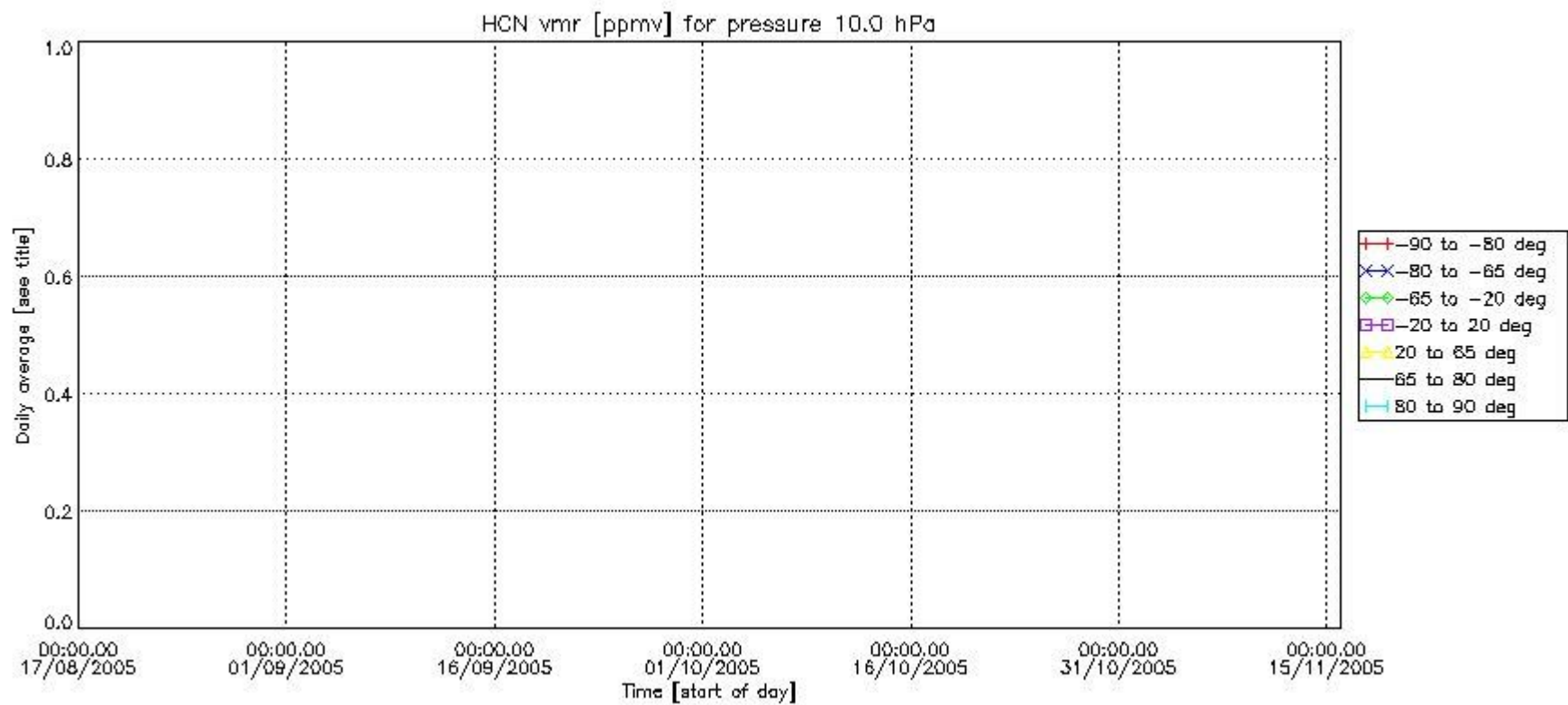


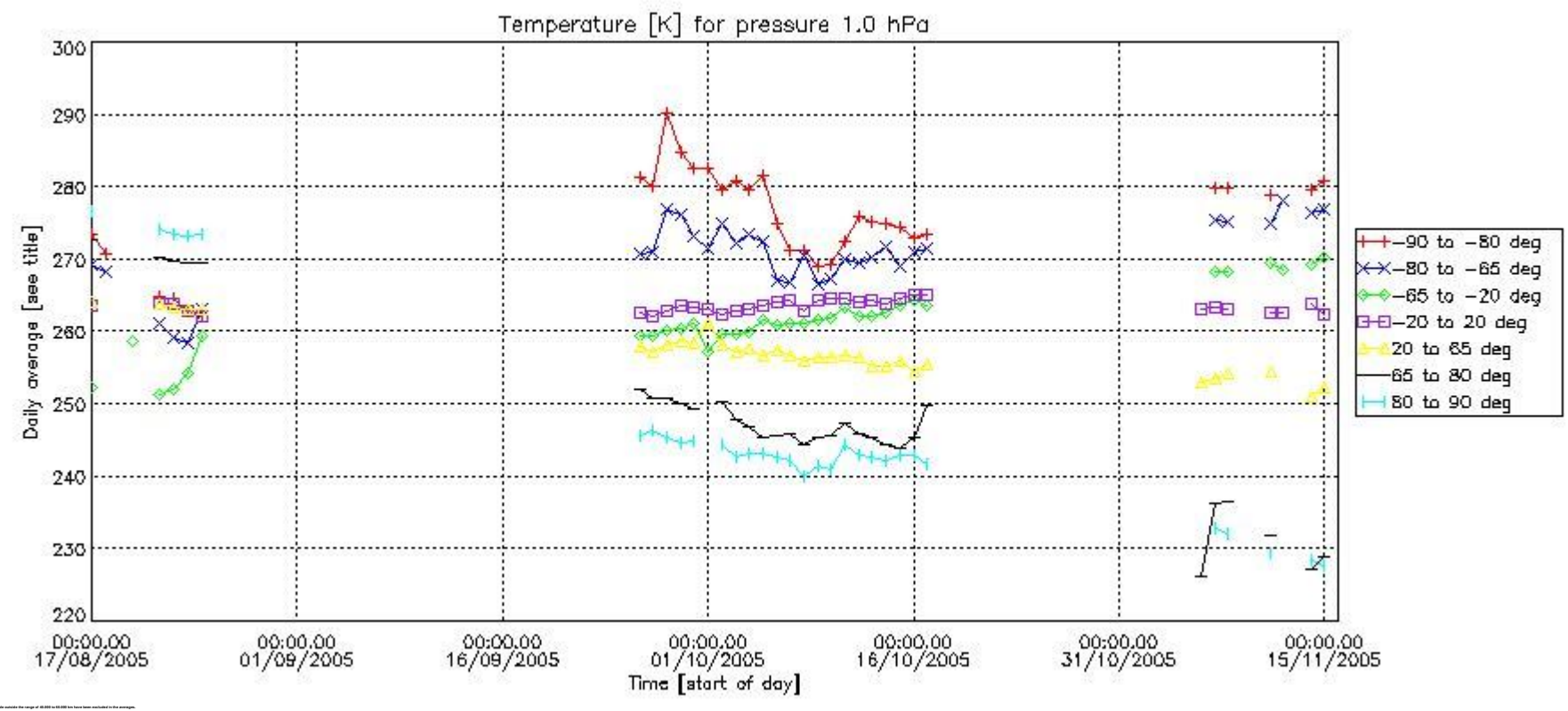
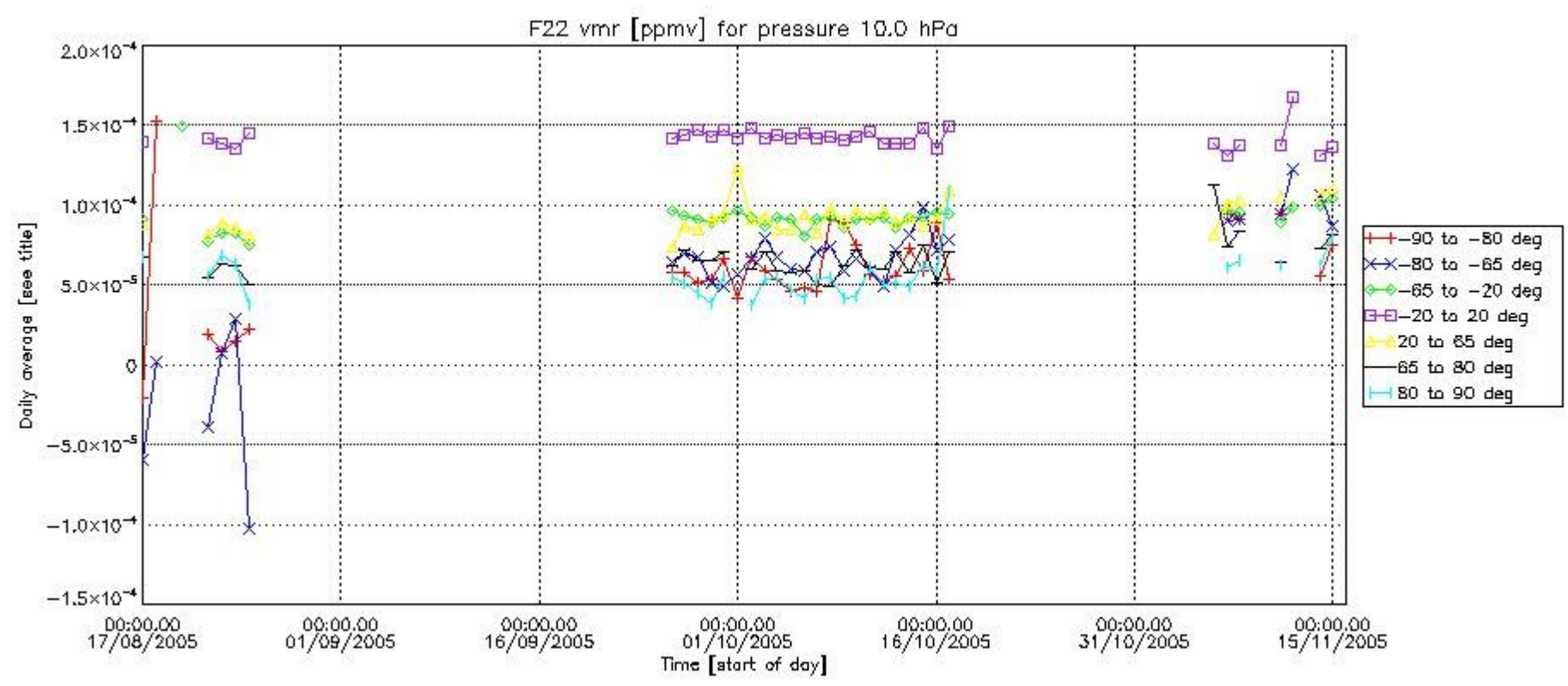


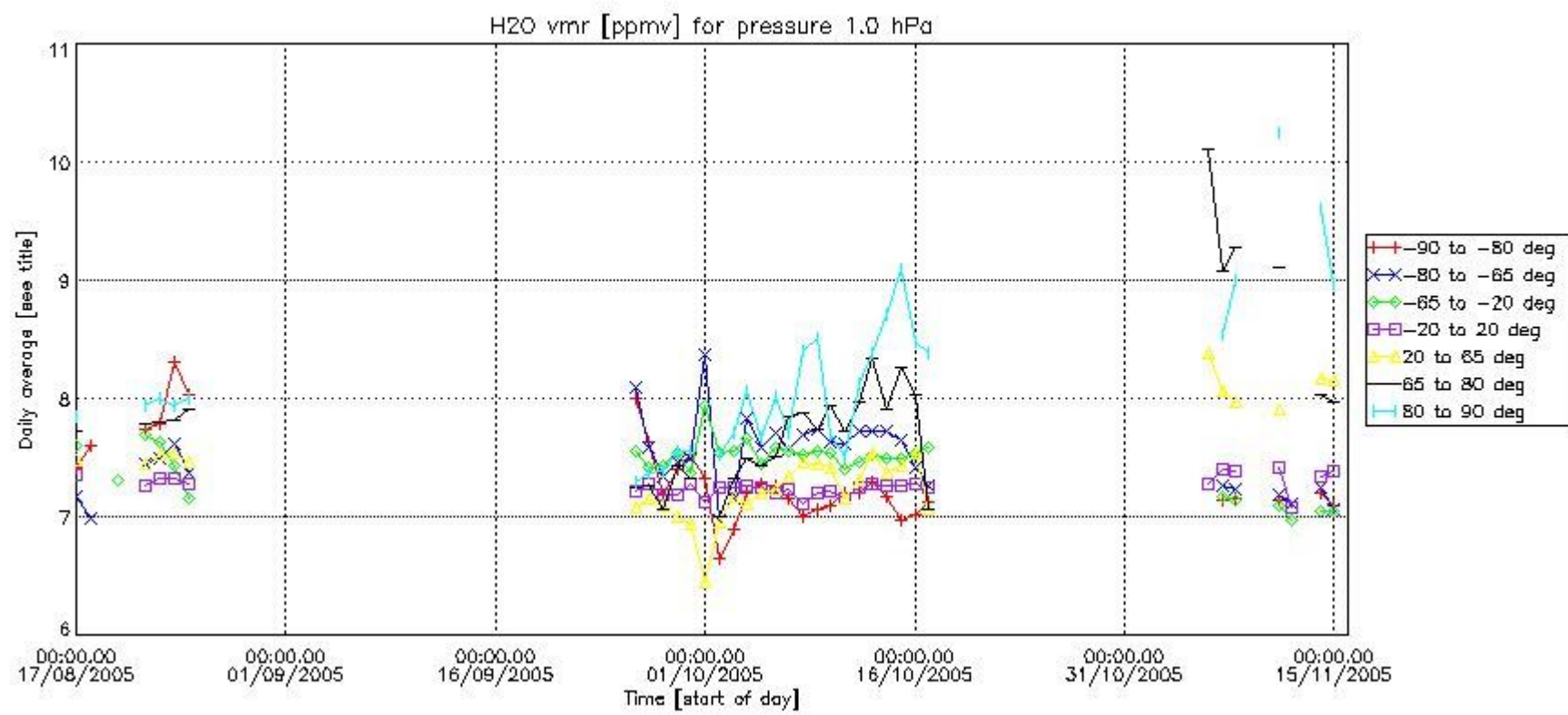
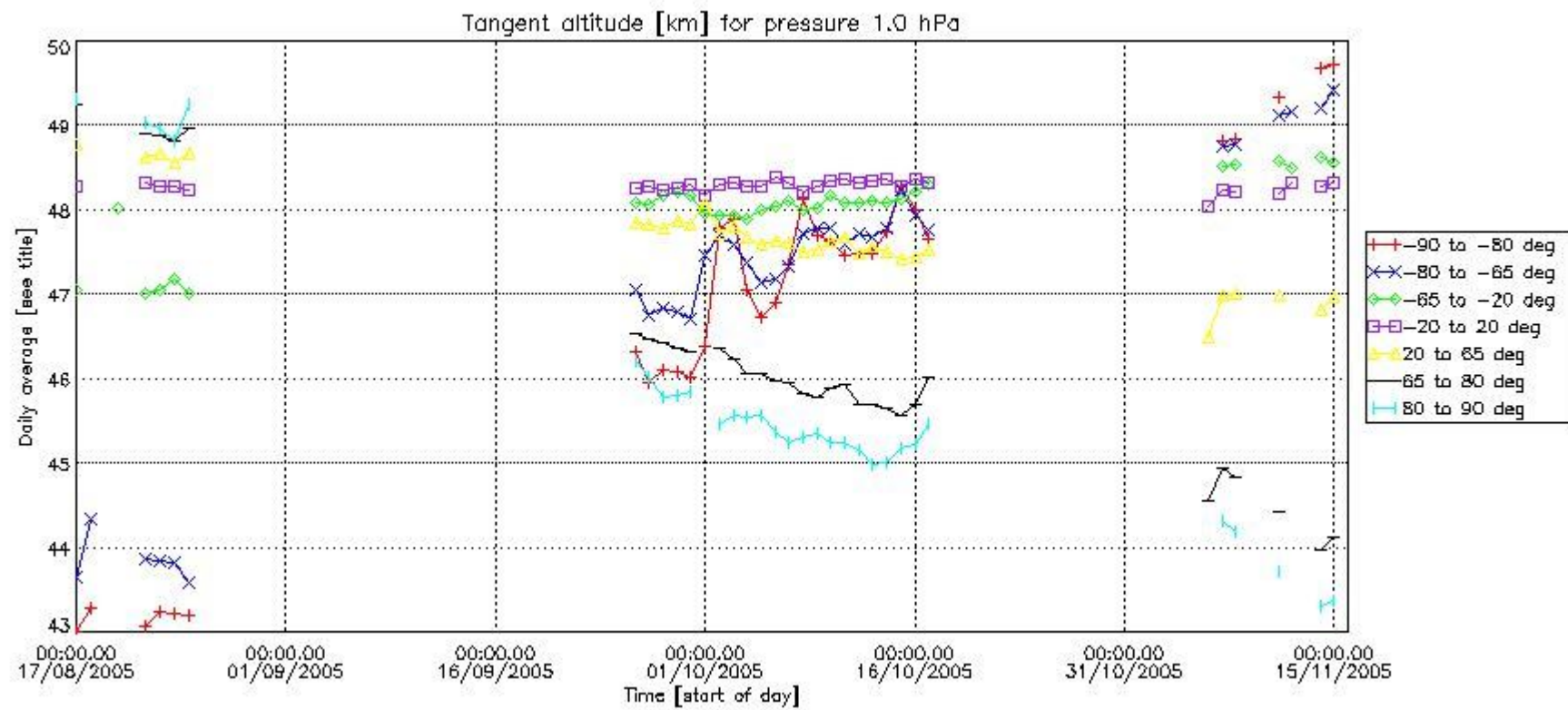


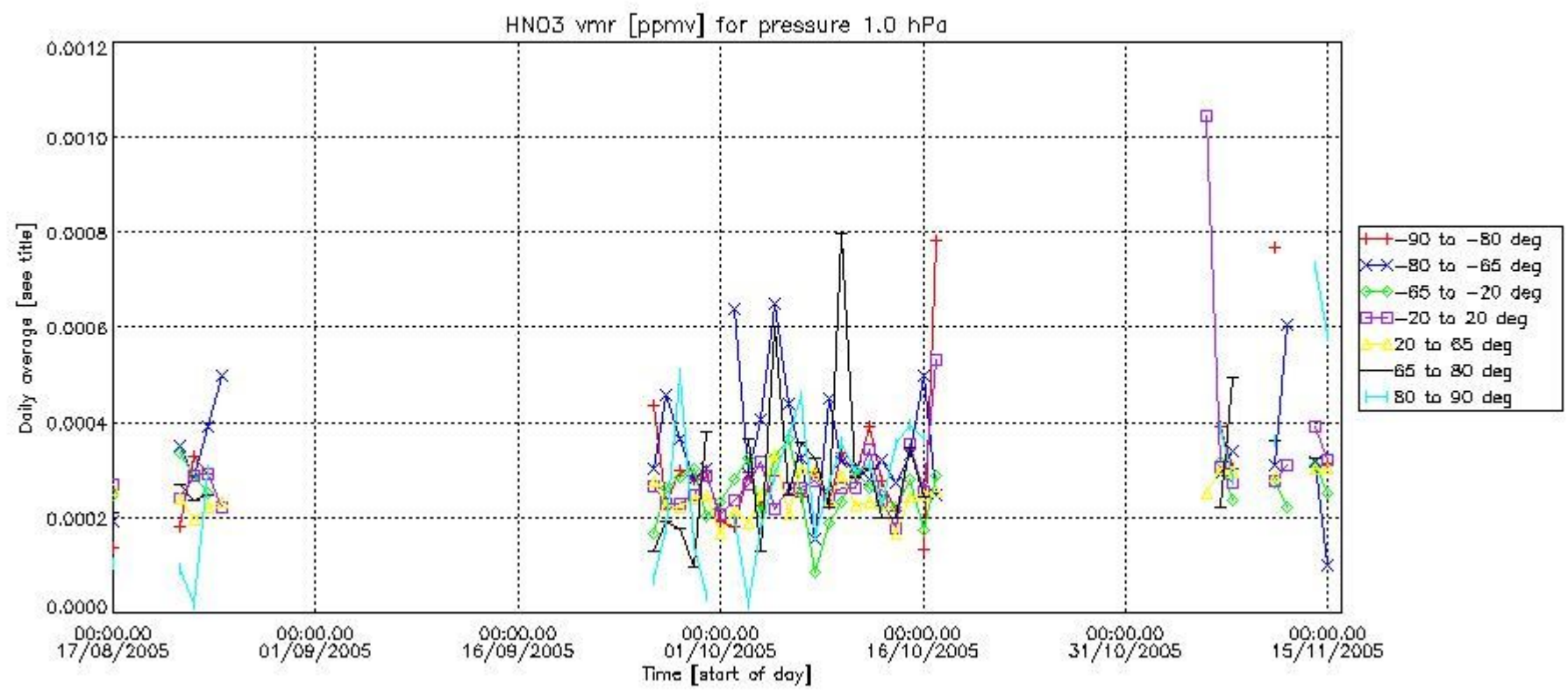
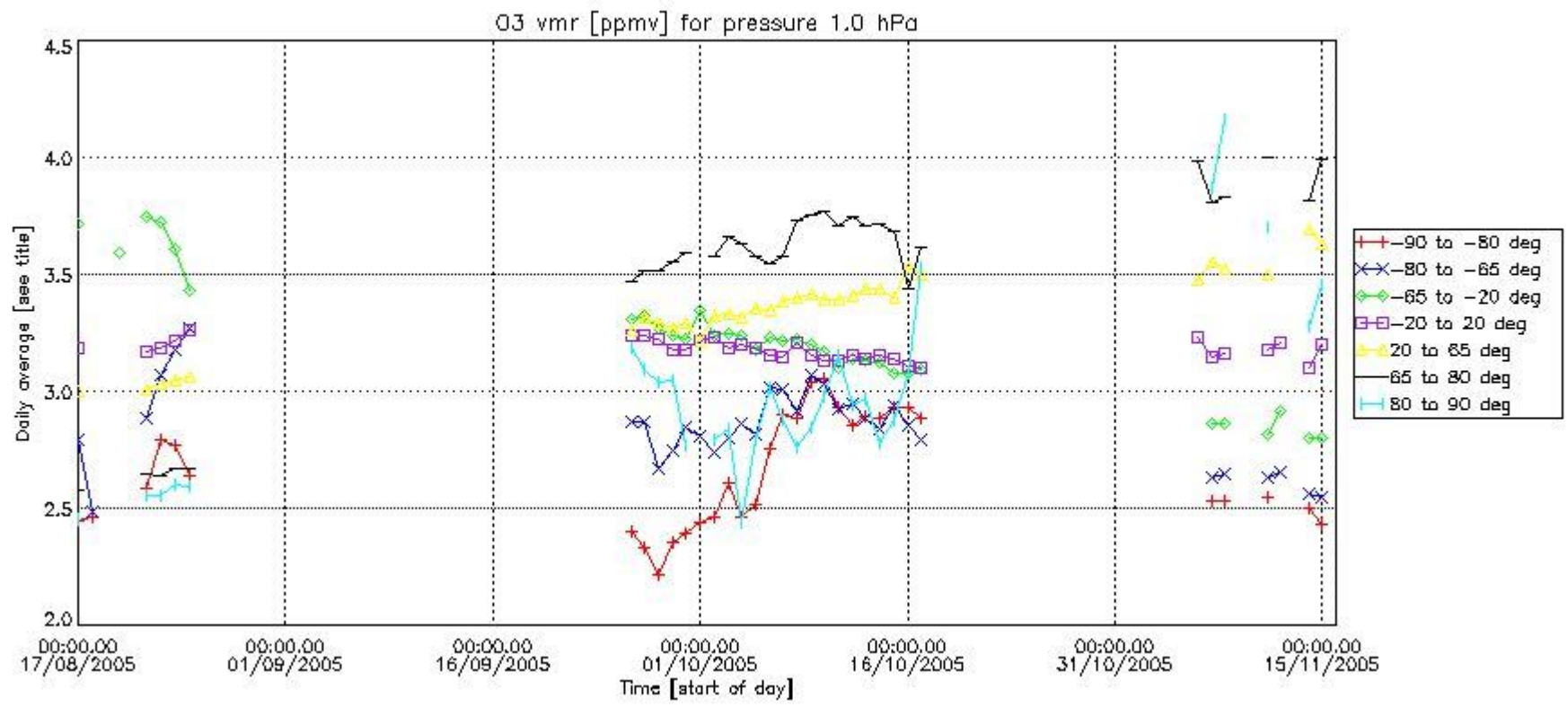


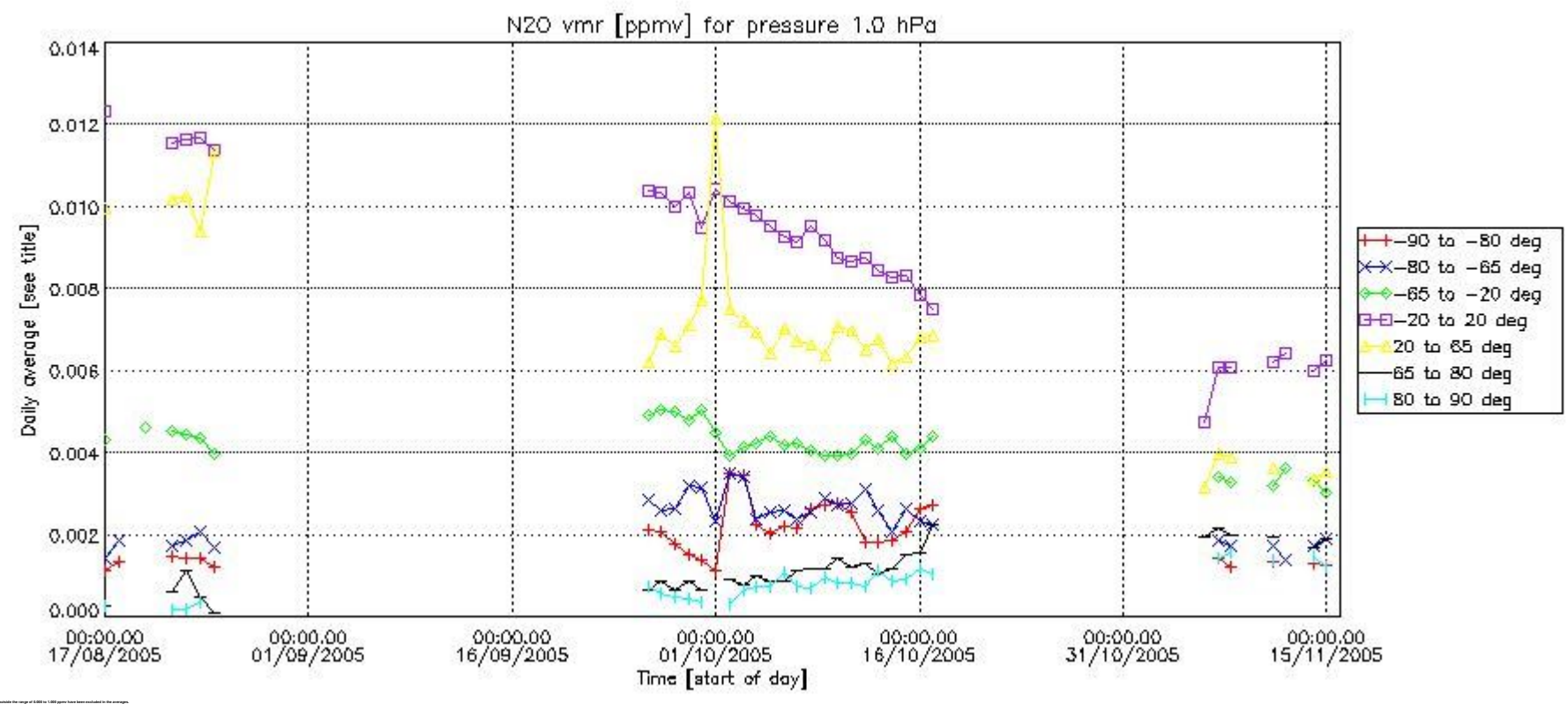
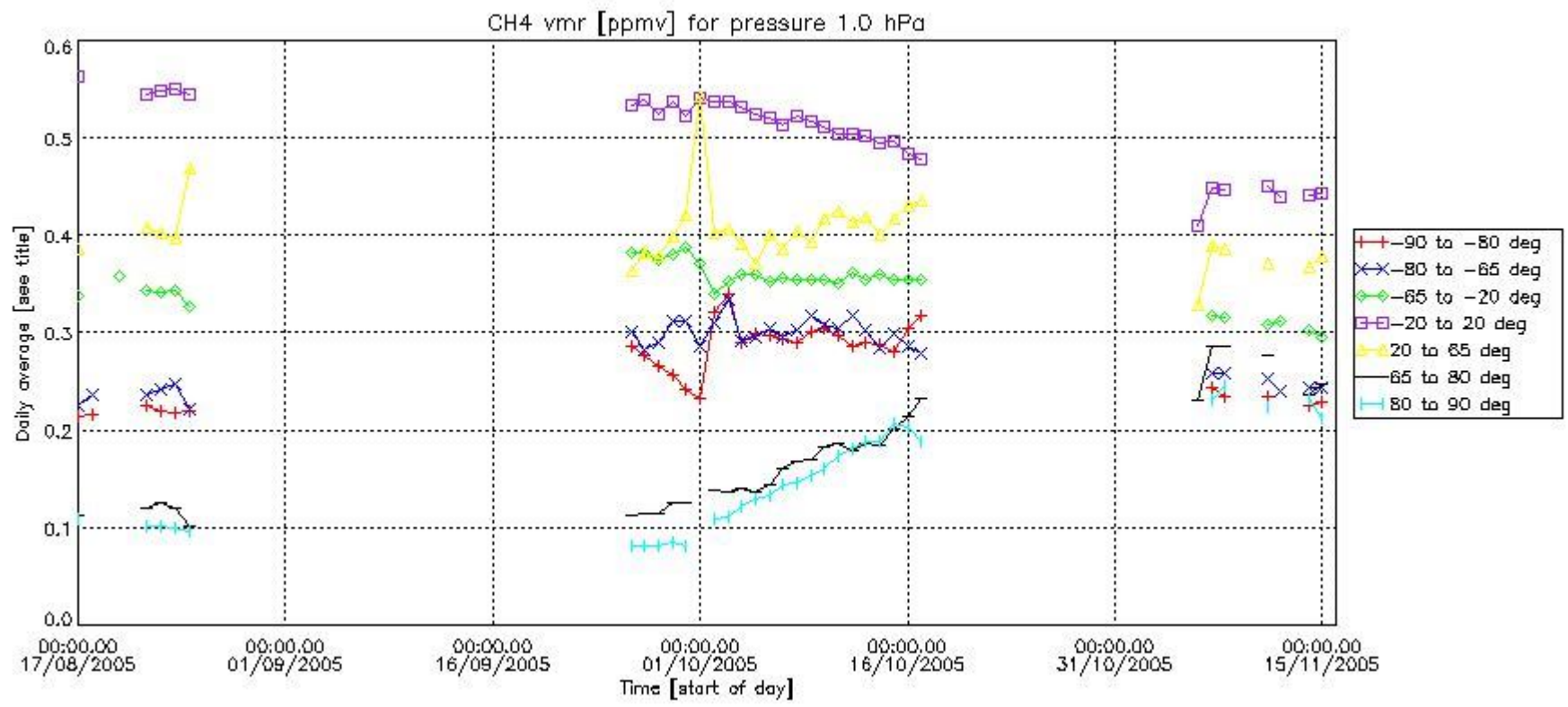


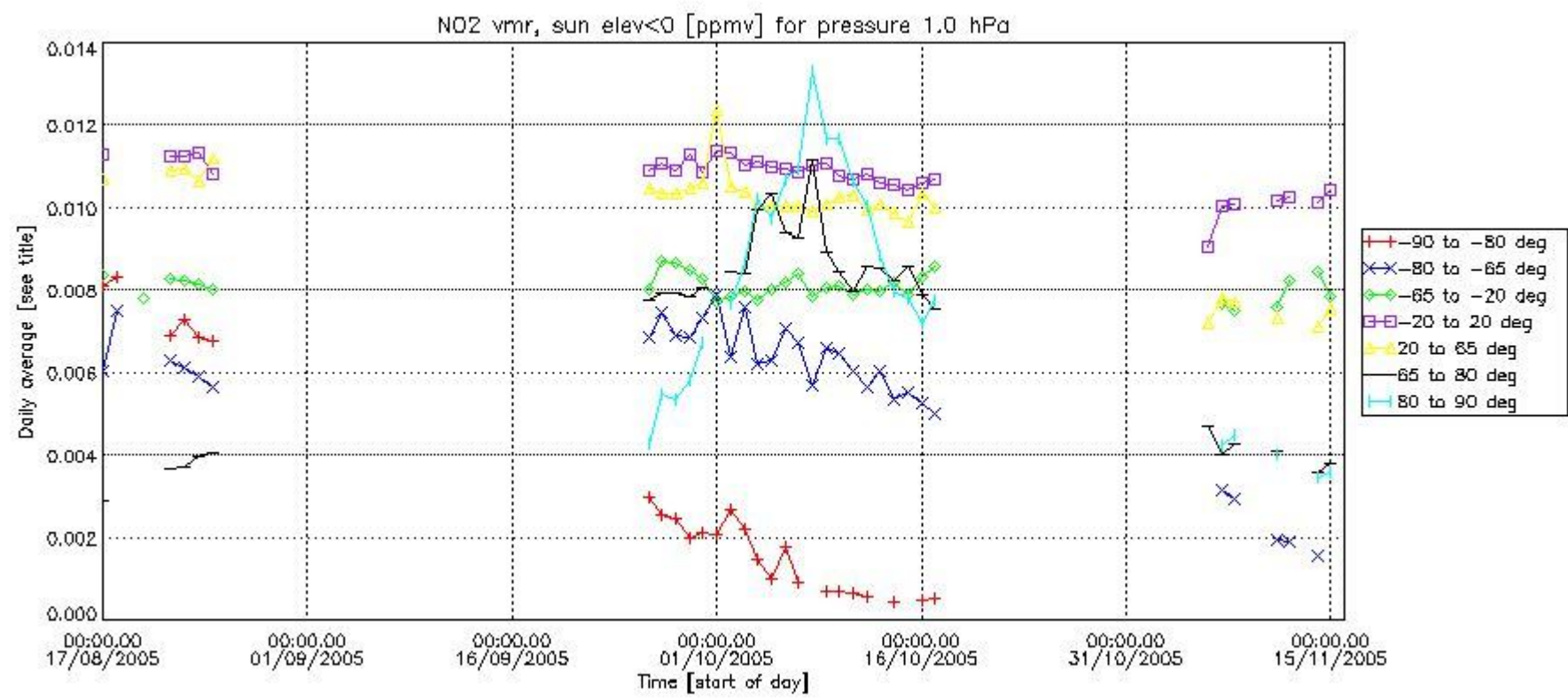
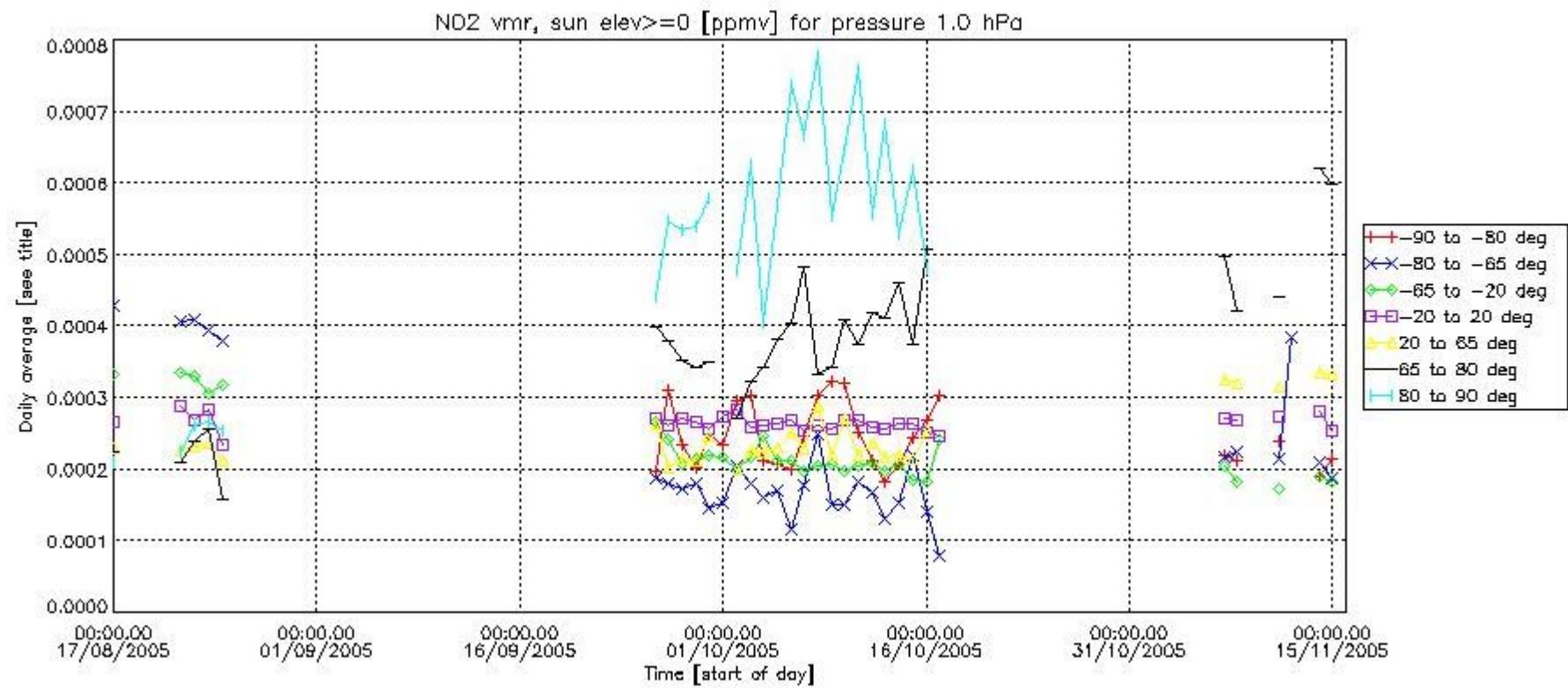




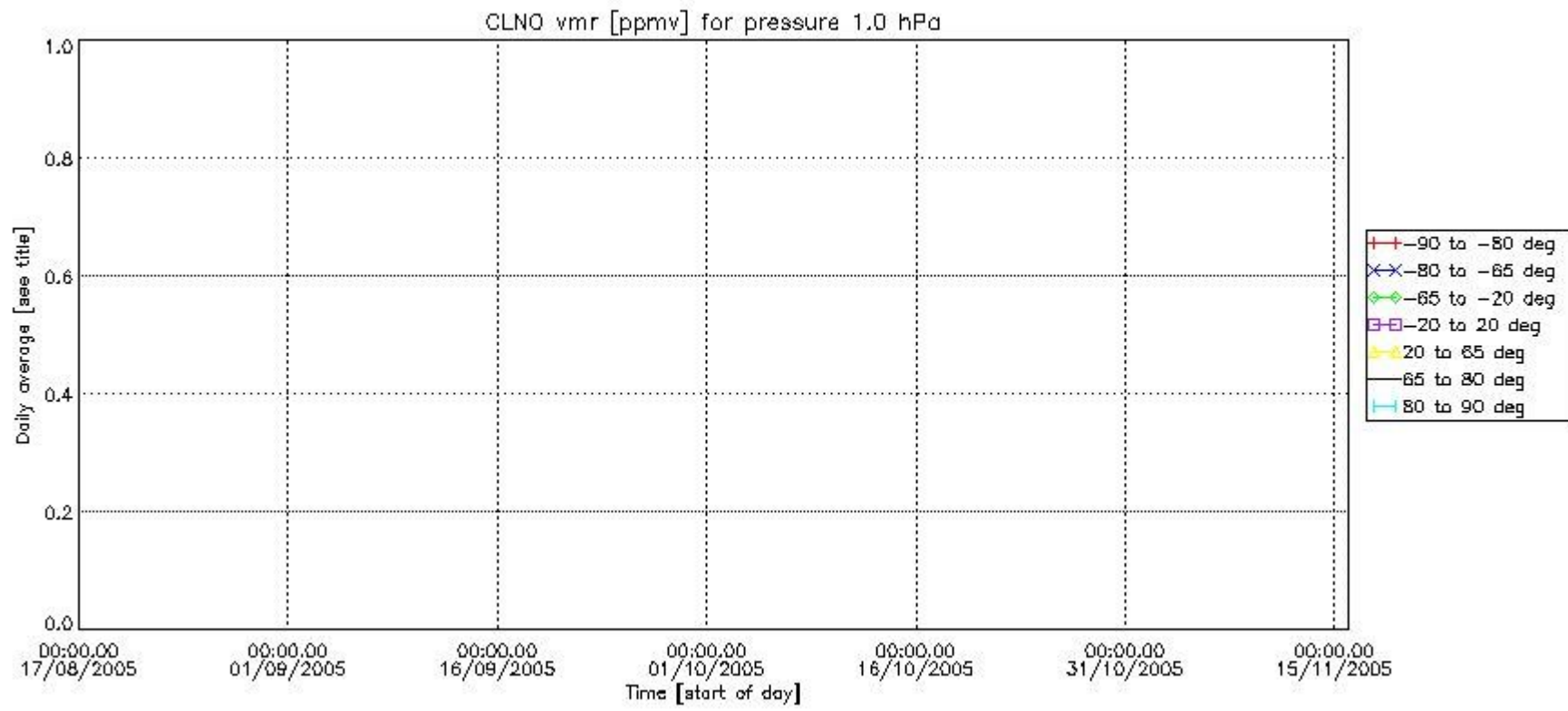
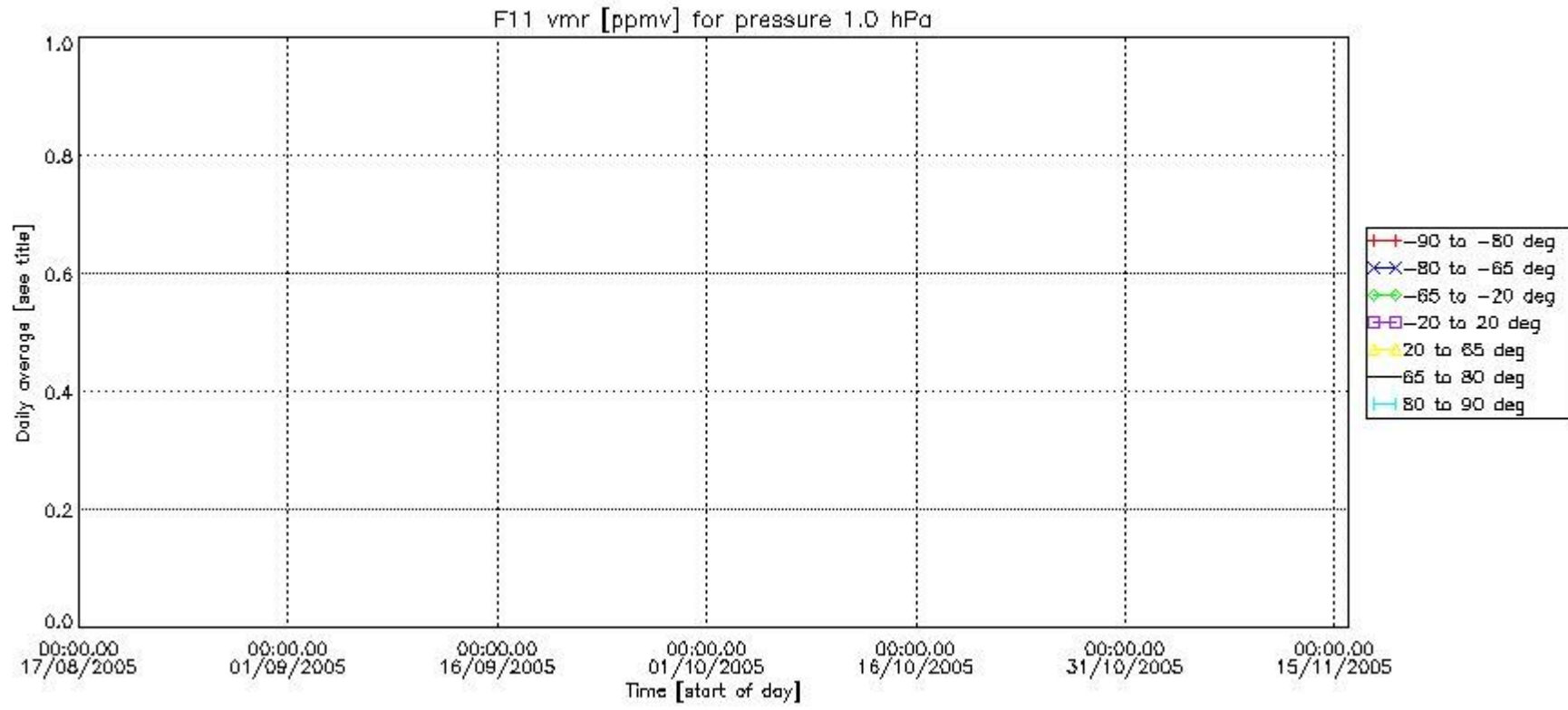


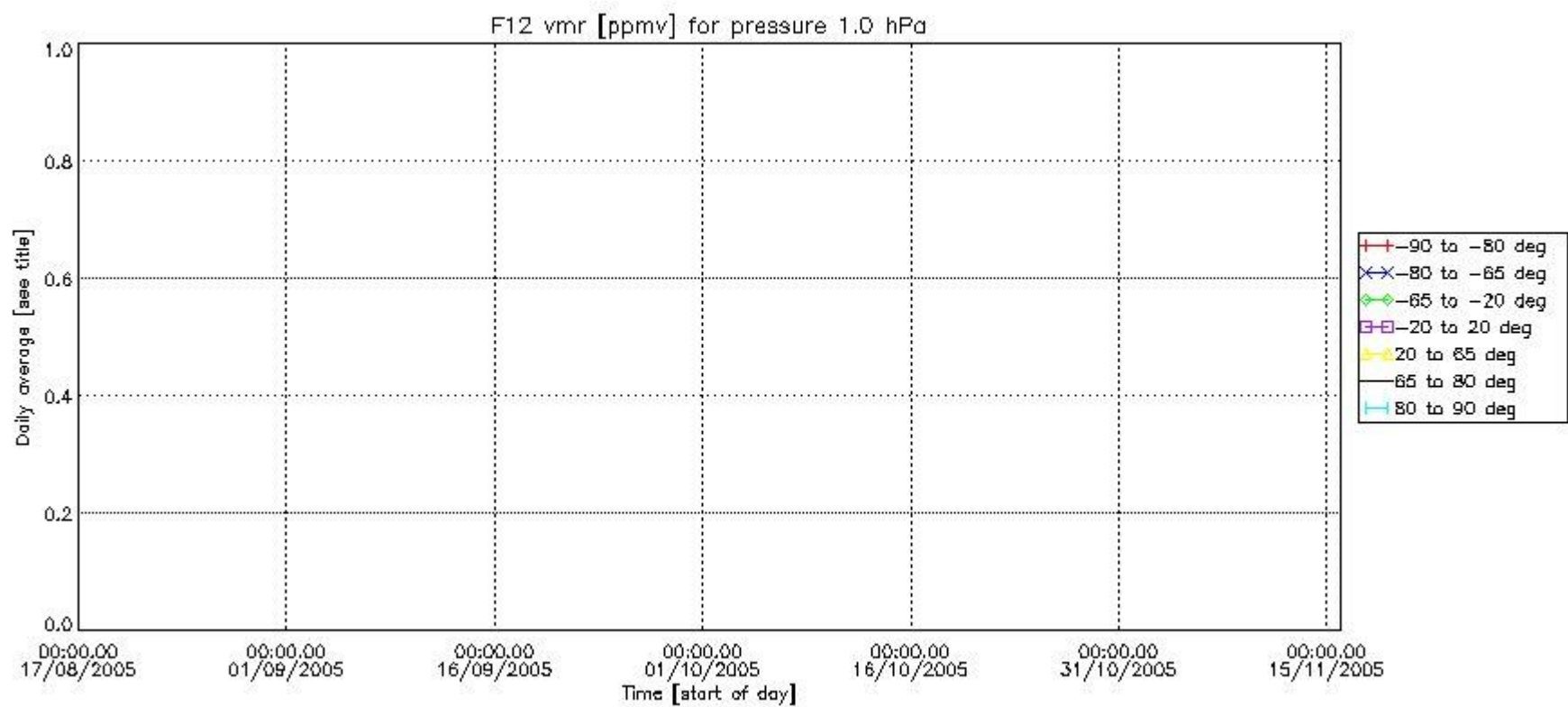
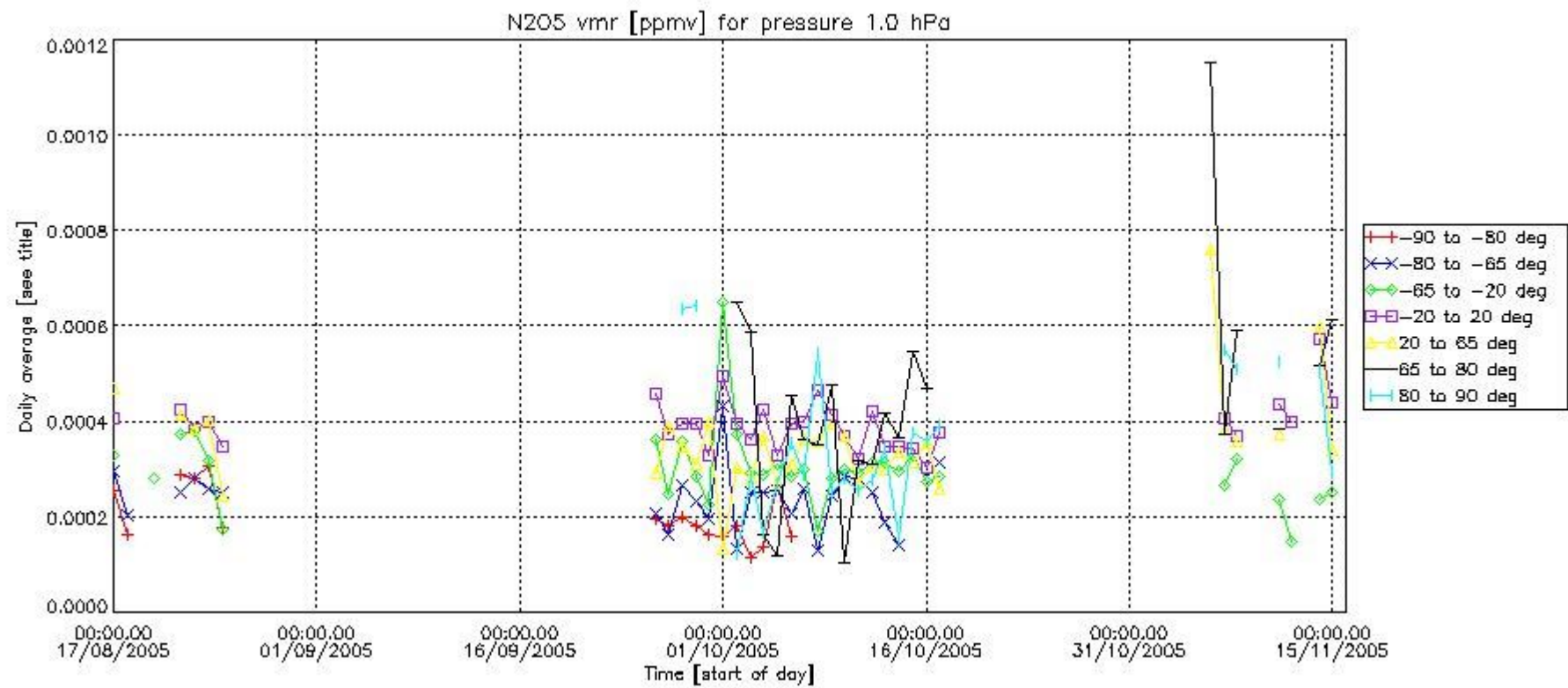


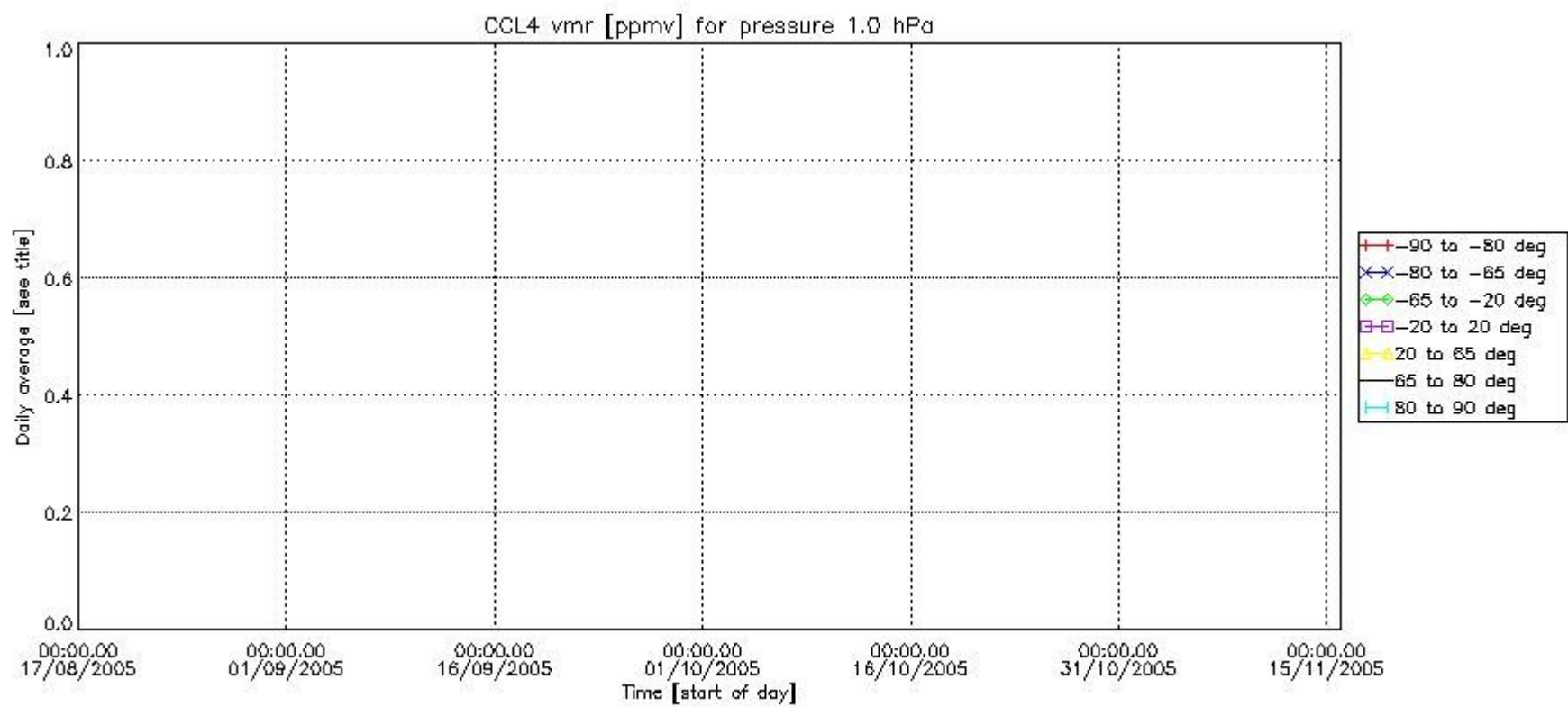
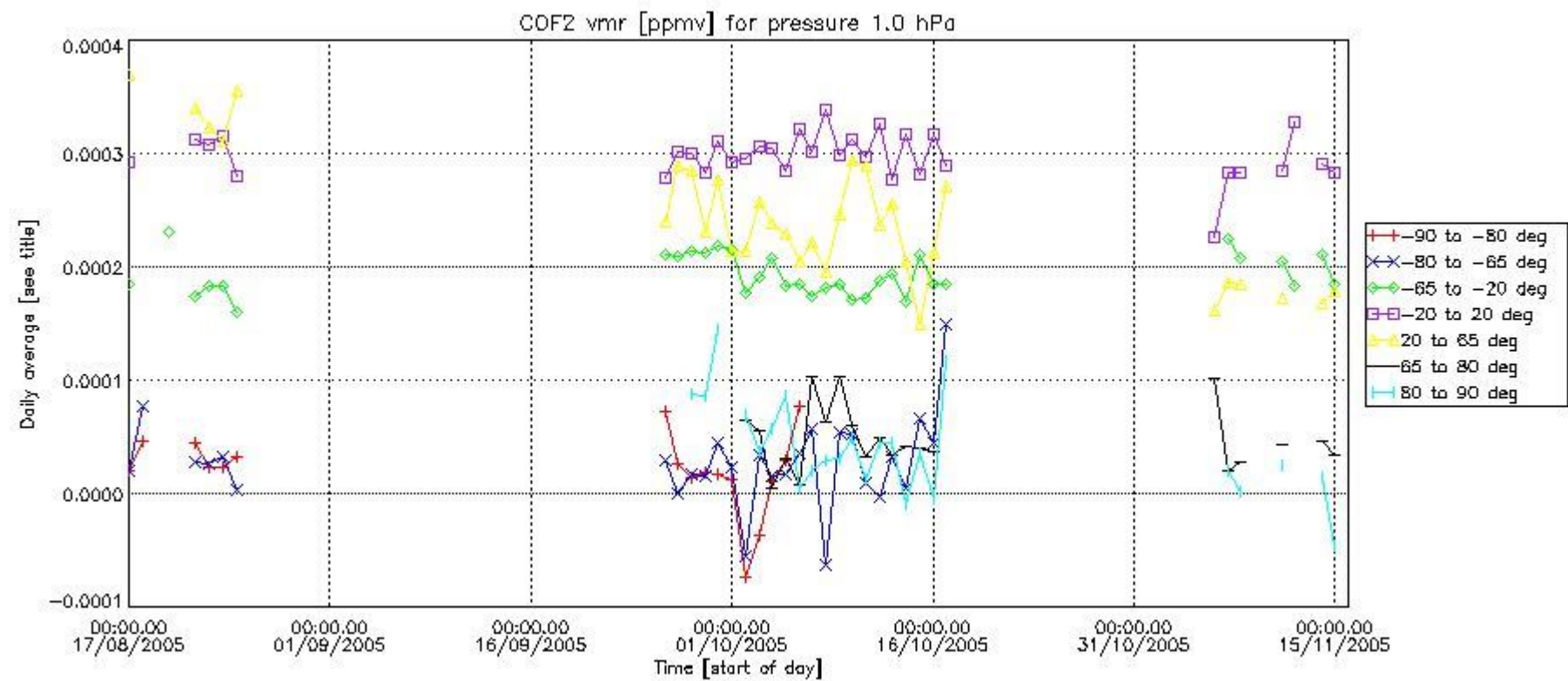


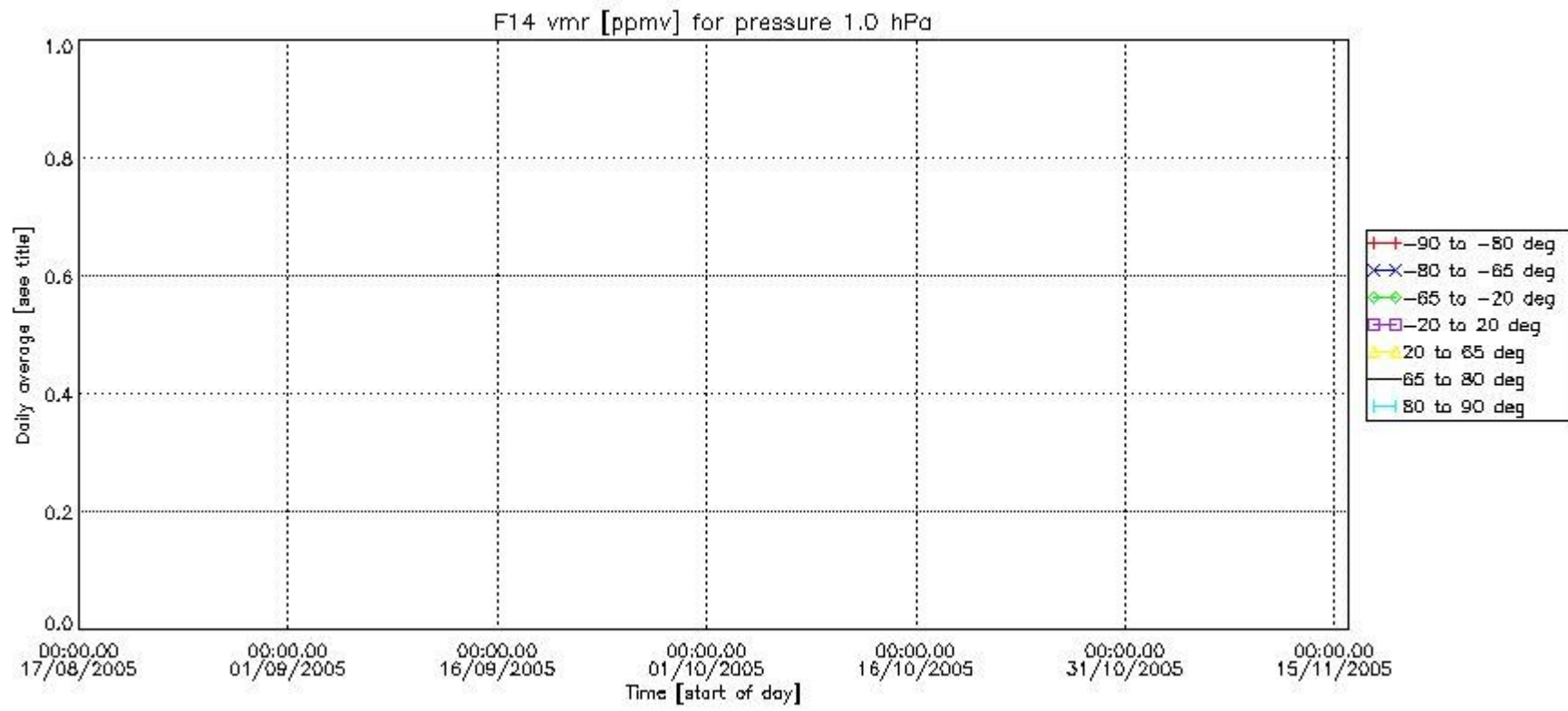
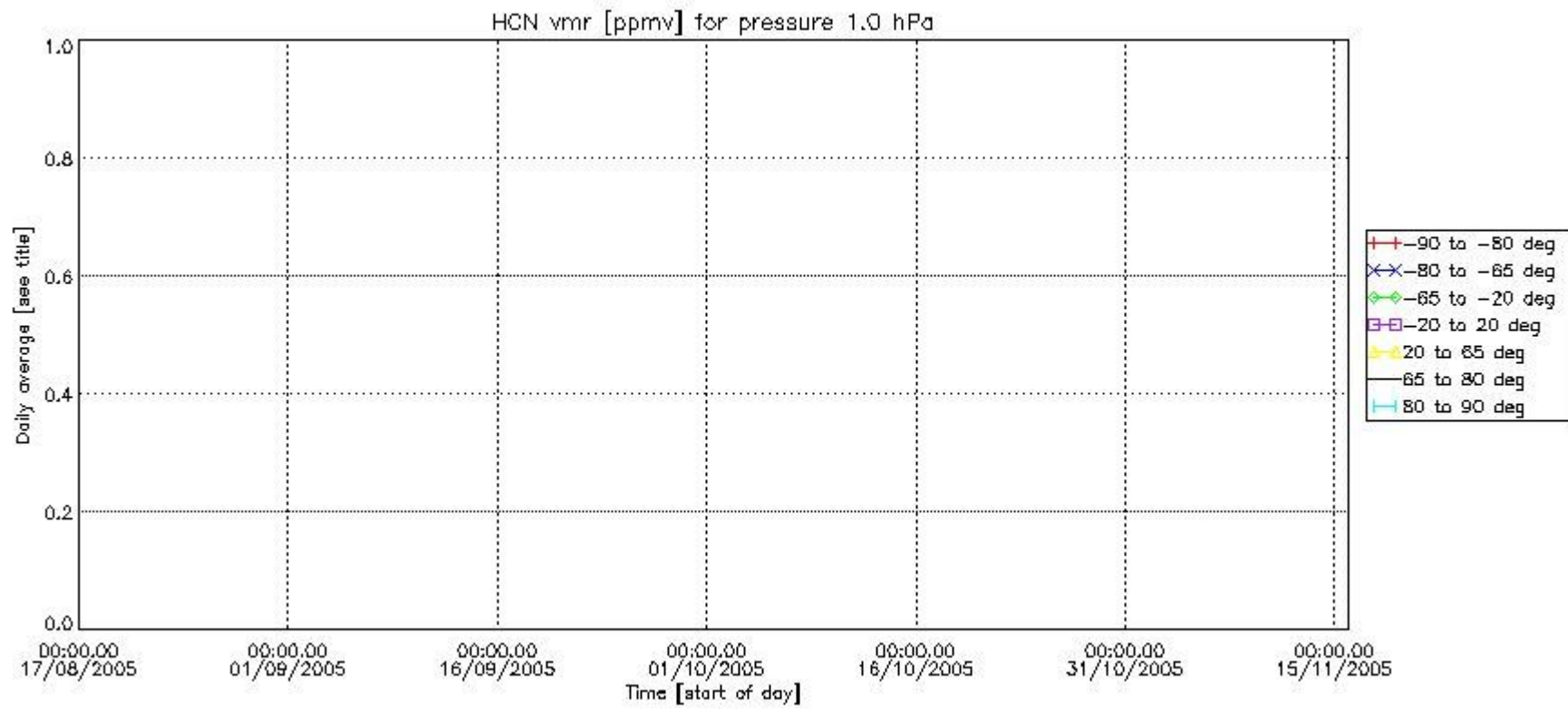


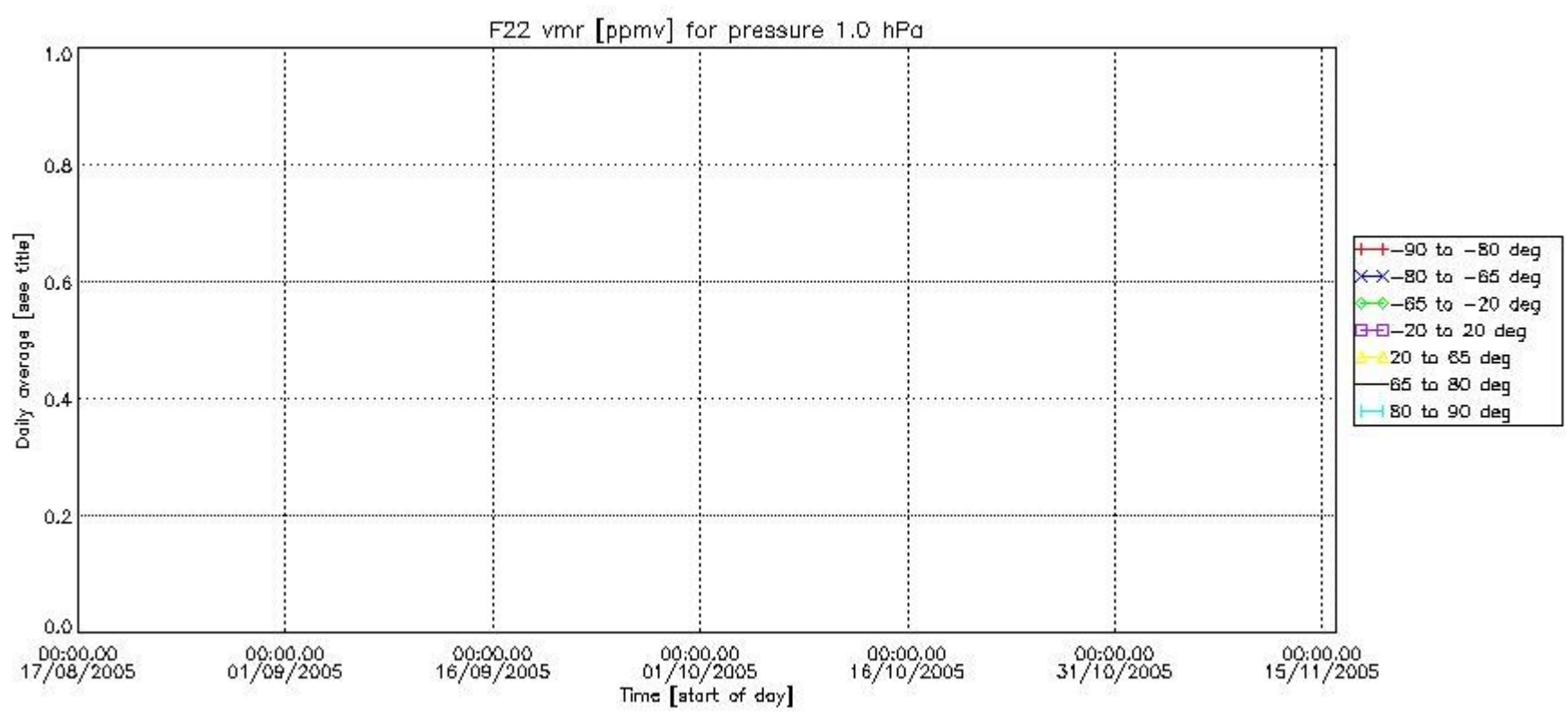












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

