

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20050825.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 14:54:00
Data source version	ML2PP/7.03-W
Processing scope for products	25AUG2005 00:00:00 to 26AUG2005 00:00:00
Start time of first product within scope	24AUG2005 23:58:15
Stop time of last product within scope	25AUG2005 01:47:23
Total number of level 2 products	2
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__2PWDSI20050824_235815_000060212040_00131_18221_1000.N1	24AUG2005 23:58:15	25AUG2005 01:38:36	0	132/132	VMR_TERM_MACRO_MICRO[HCN/macro:2; F14/macro:1; CLNO/micro:1]
1	MIP_NL__2PWDSI20050825_013842_000005202040_00132_18222_1000.N1	25AUG2005 01:38:42	25AUG2005 01:47:23	0	12/12	

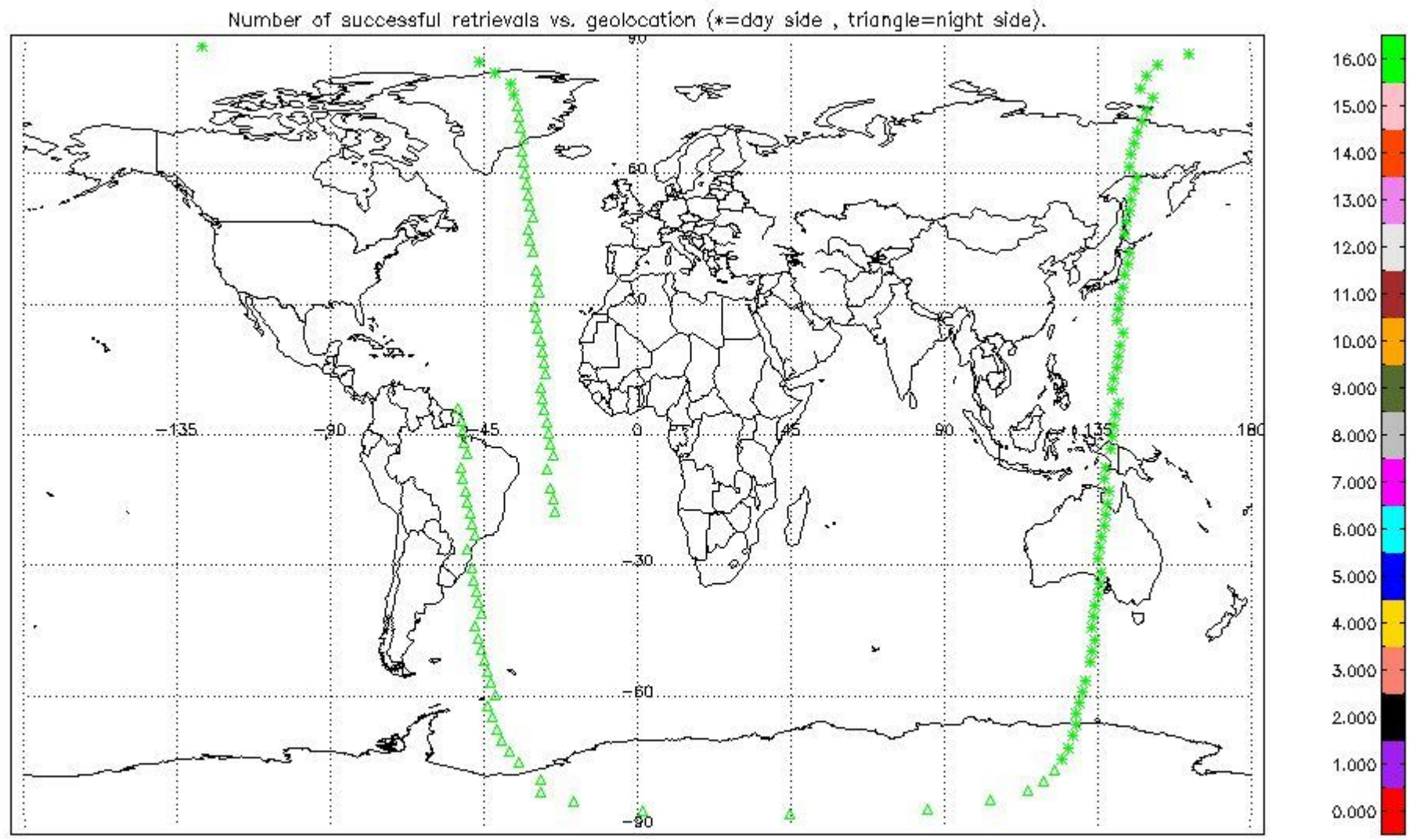
## 2.2 Processing performance indicators

### 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.

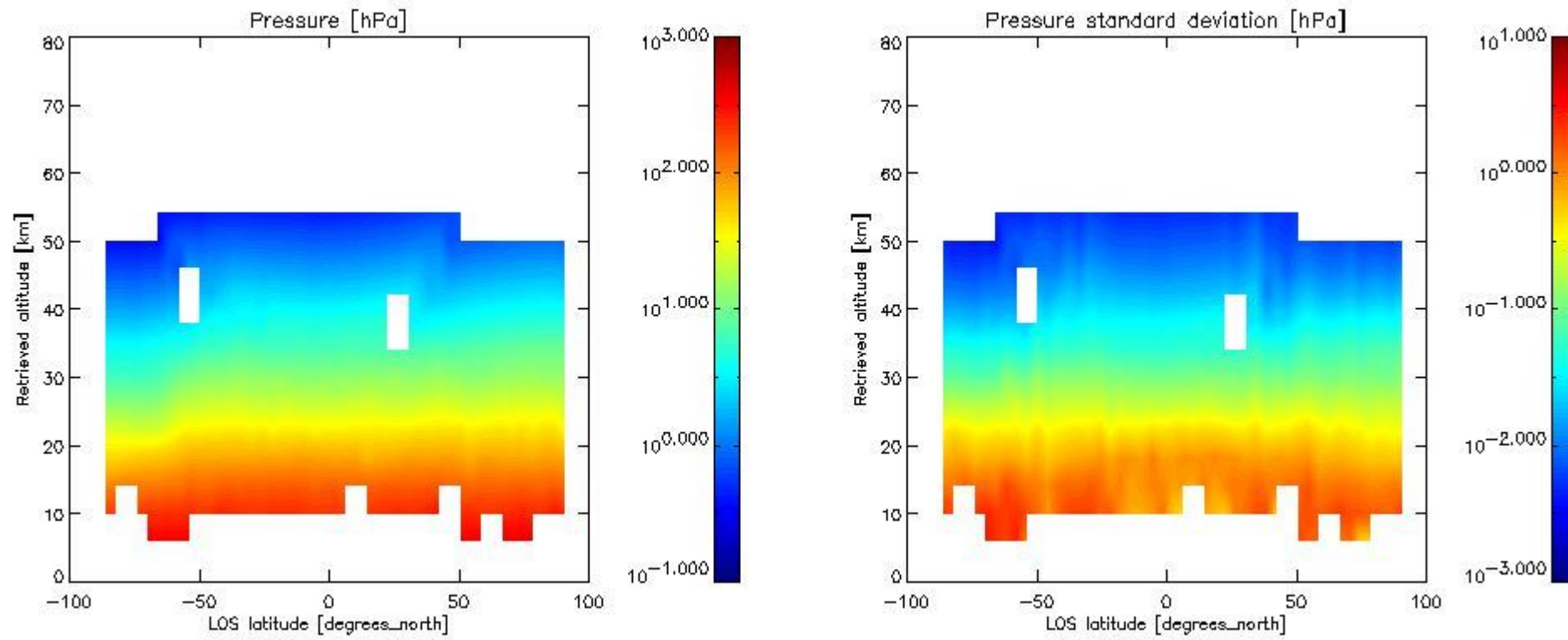
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	144	142	98.611
H2O	144	142	98.611
O3	144	142	98.611
HNO3	144	142	98.611
CH4	144	142	98.611
N2O	144	142	98.611
NO2	144	142	98.611
F11	144	142	98.611

CLNO	144	142	98.611
N2O5	144	142	98.611
F12	144	142	98.611
COF2	144	142	98.611
CCL4	144	142	98.611
HCN	144	142	98.611
F14	144	142	98.611
F22	144	142	98.611



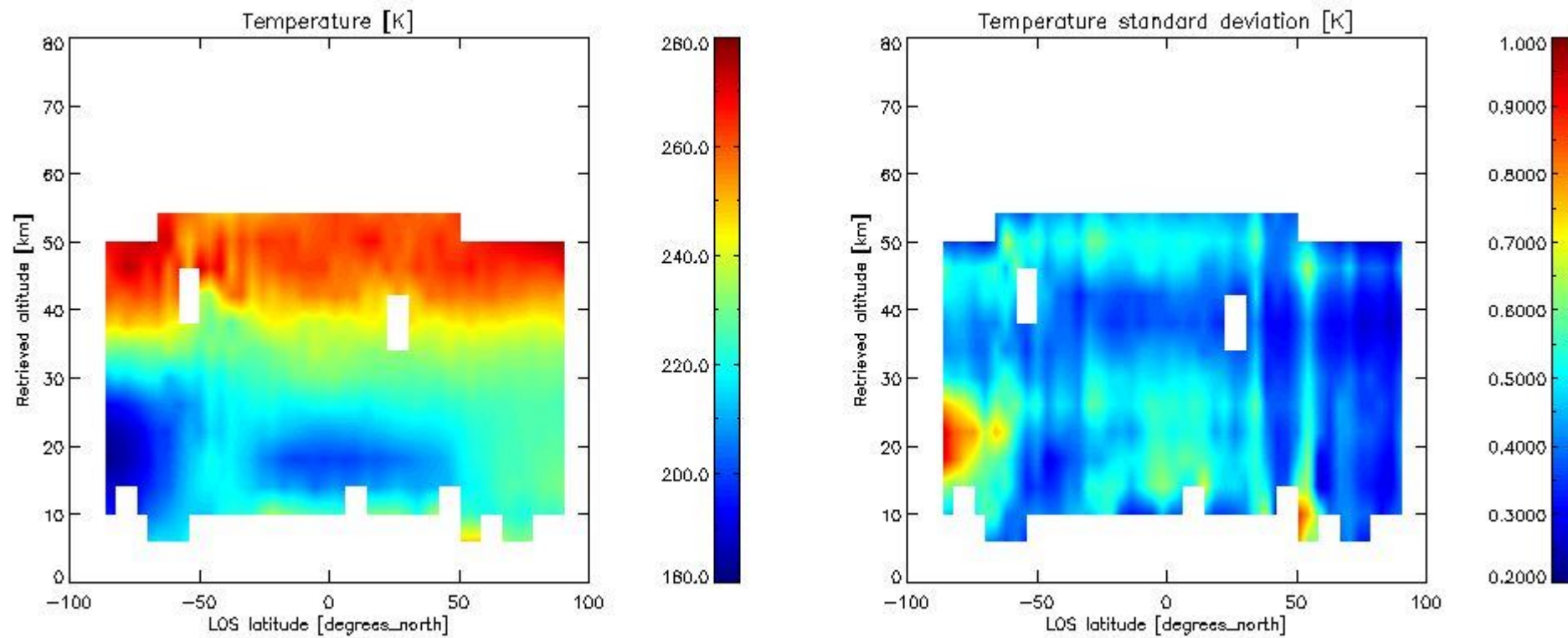
### 2.2.2 Pressure overview

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

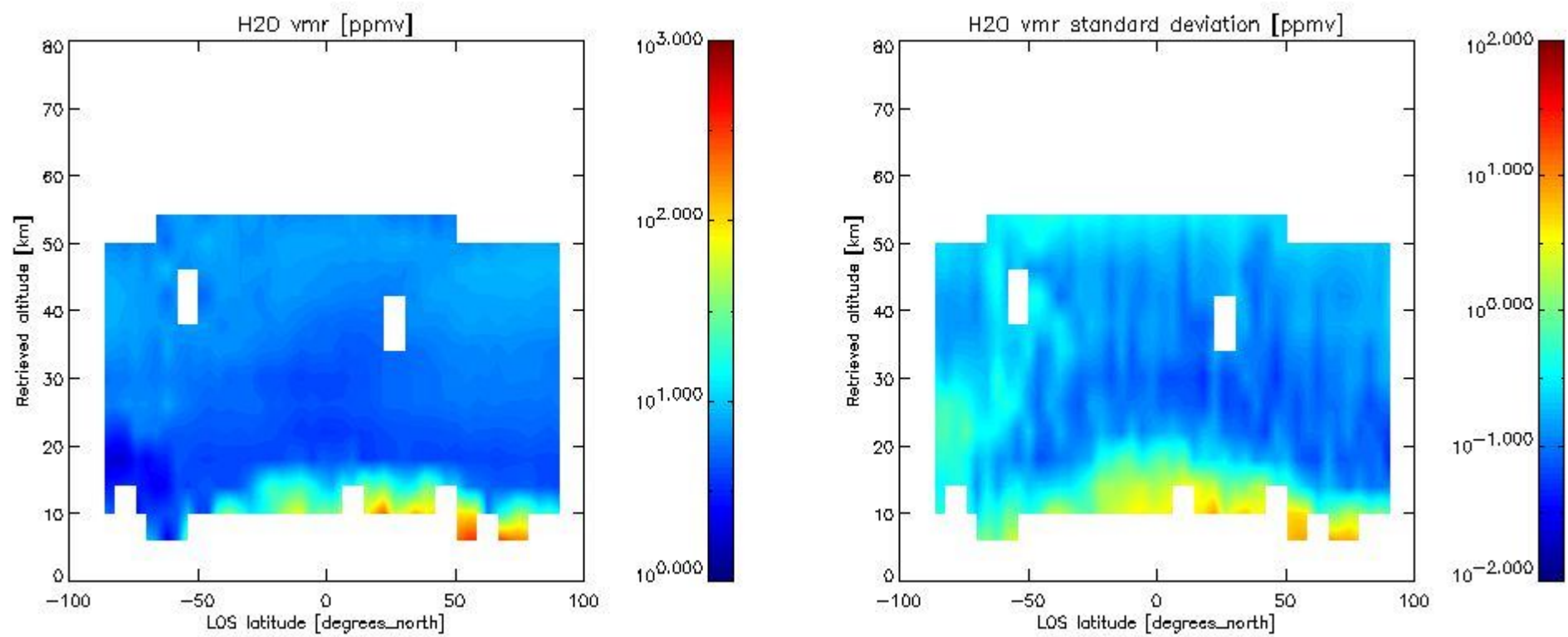
This section shows values (left) and error (right) for temperature after binning individual sweep values over retrieved altitude and tangent latitude.



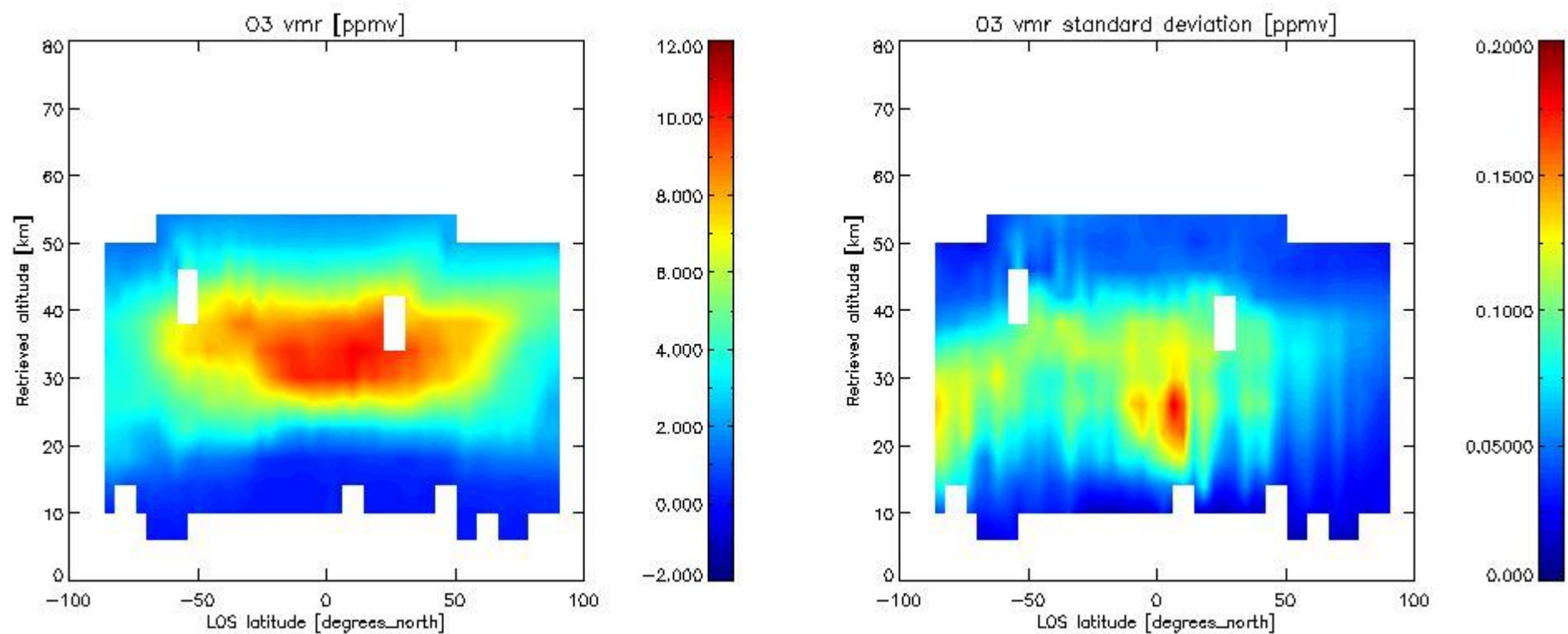
### 2.2.4 Species overview

**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.

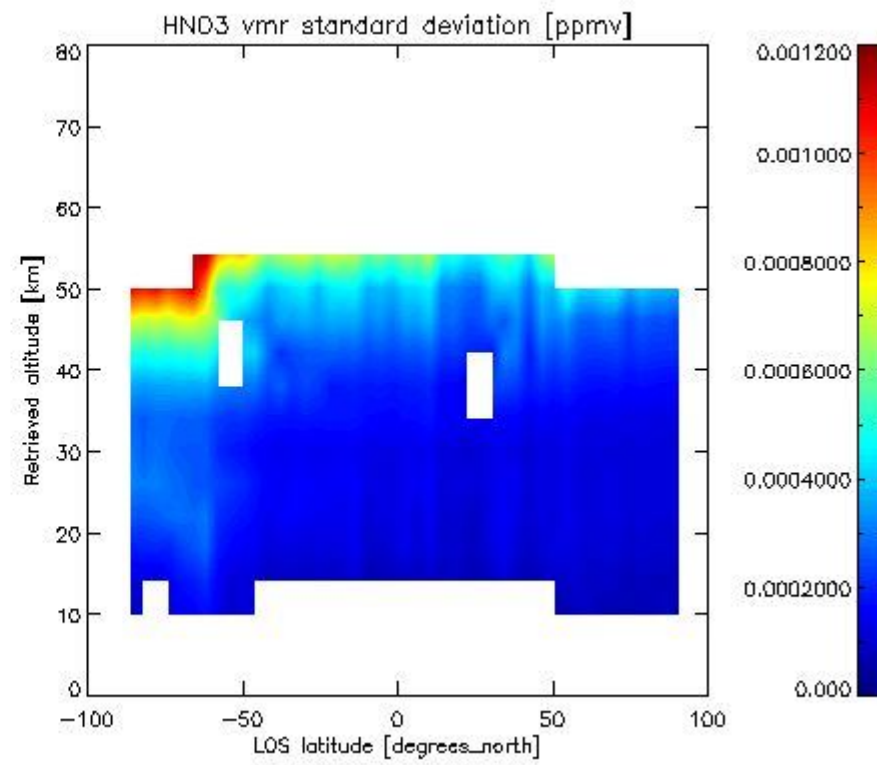
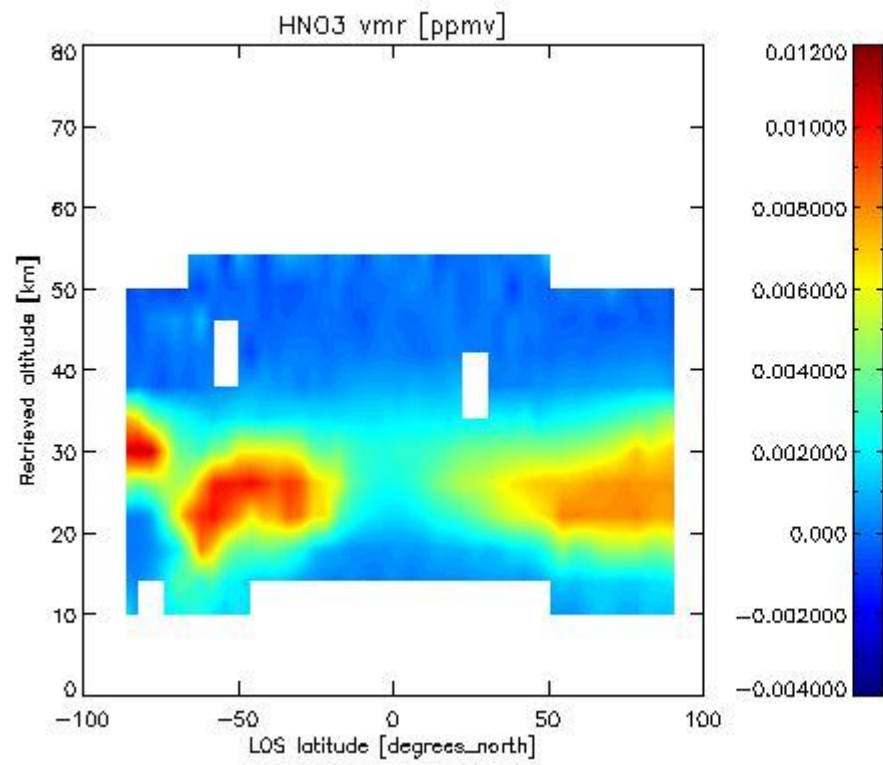




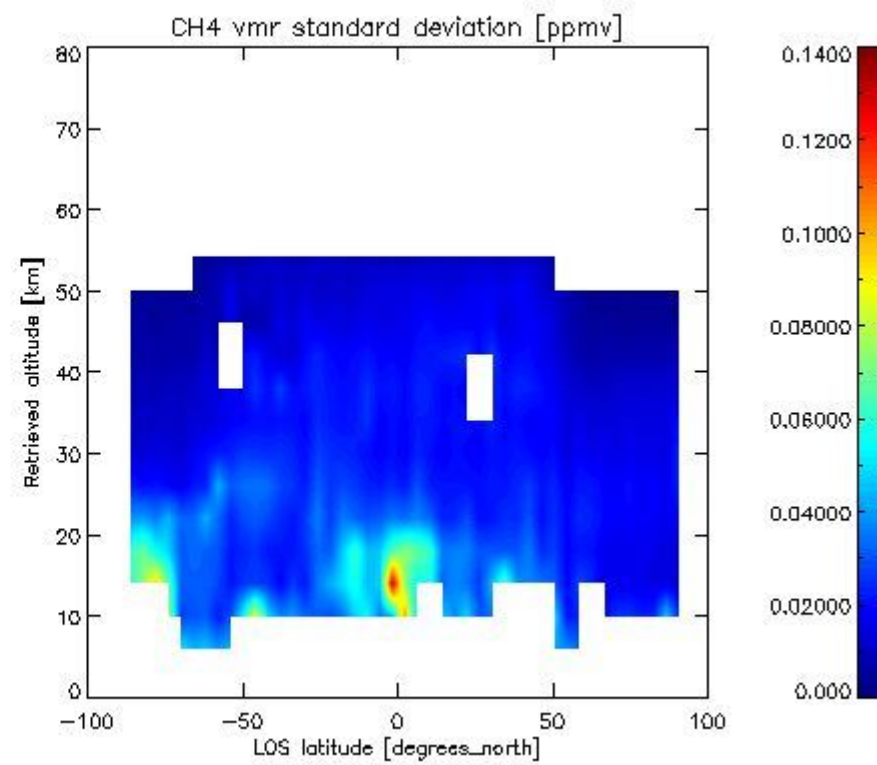
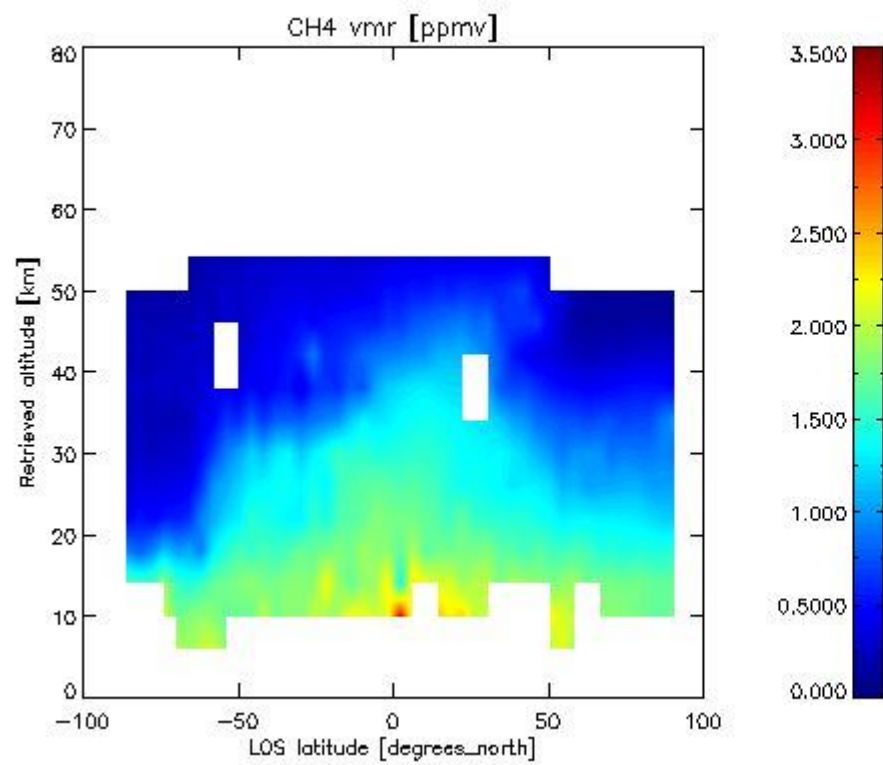
2.2.4.2 O<sub>3</sub> overview This section shows values (left) and error (right) for O<sub>3</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



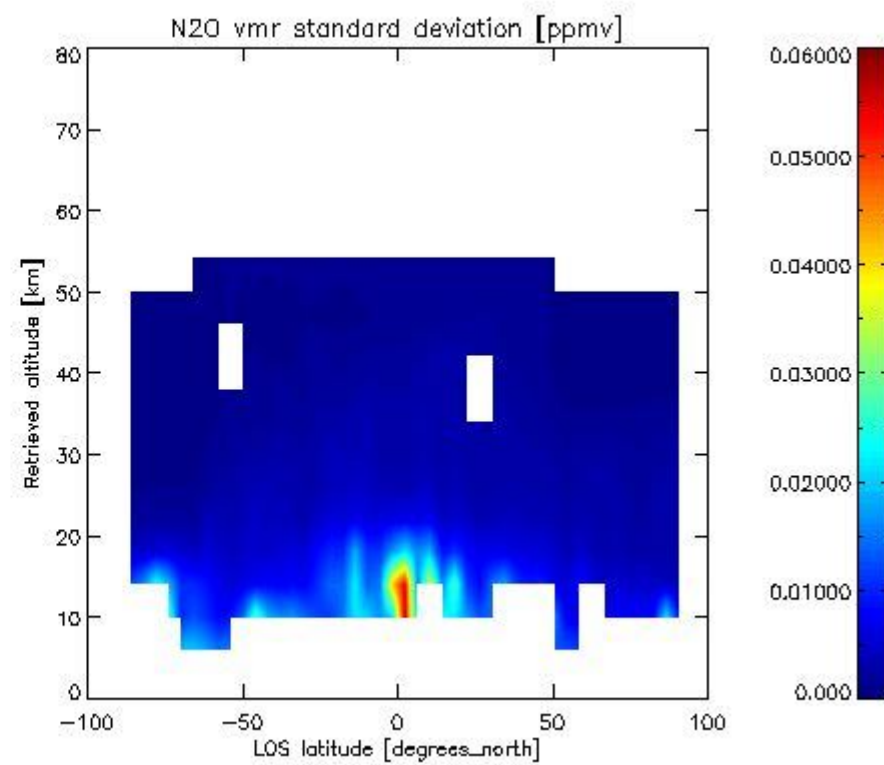
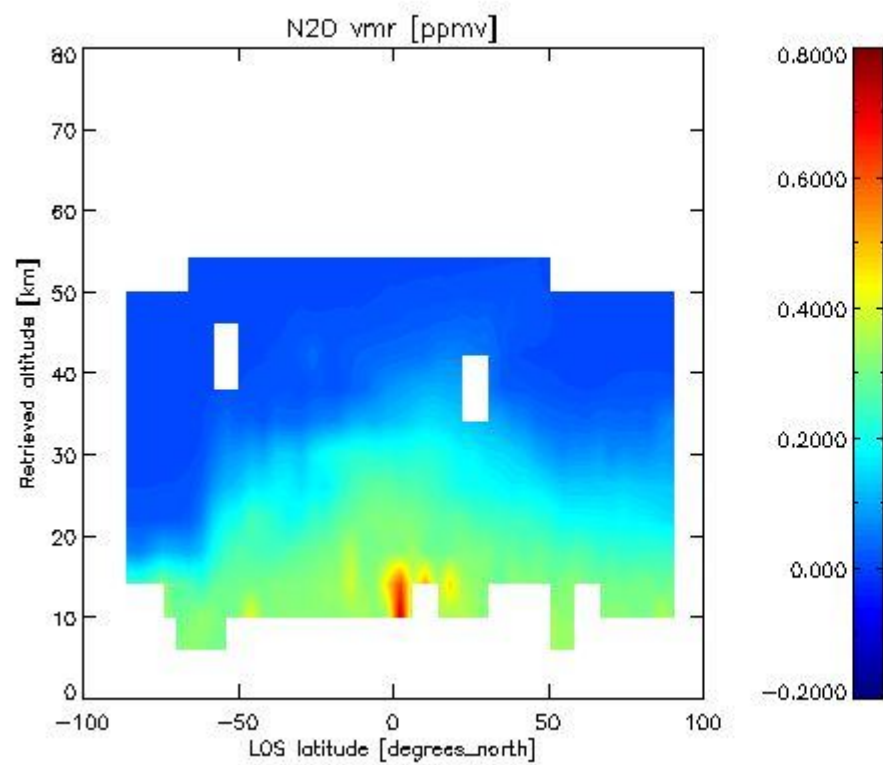
2.2.4.3 HNO<sub>3</sub> overview This section shows values (left) and error (right) for HNO<sub>3</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



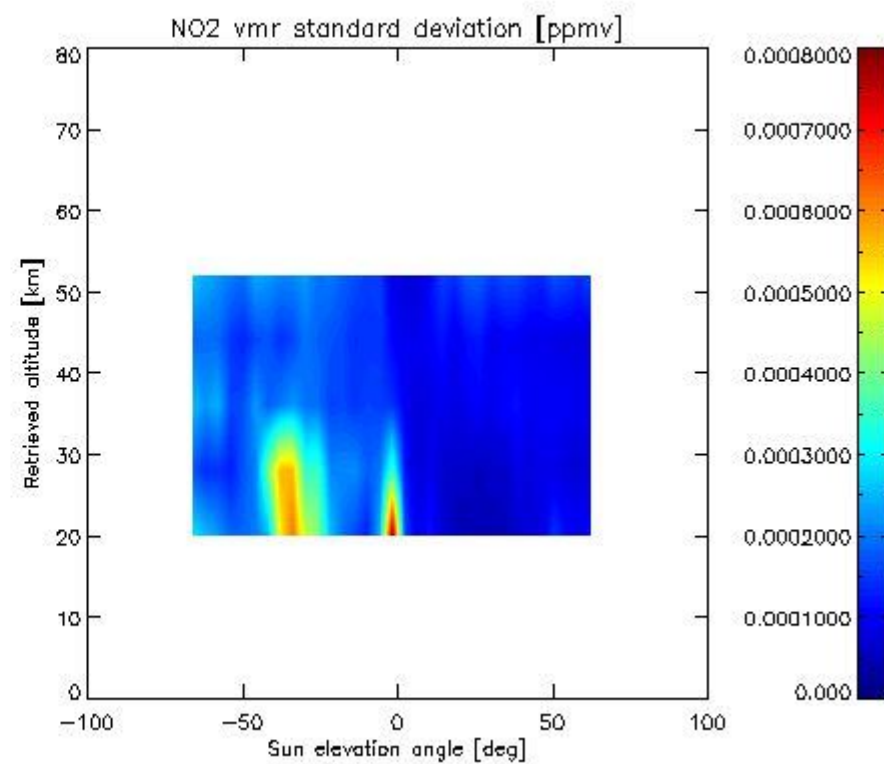
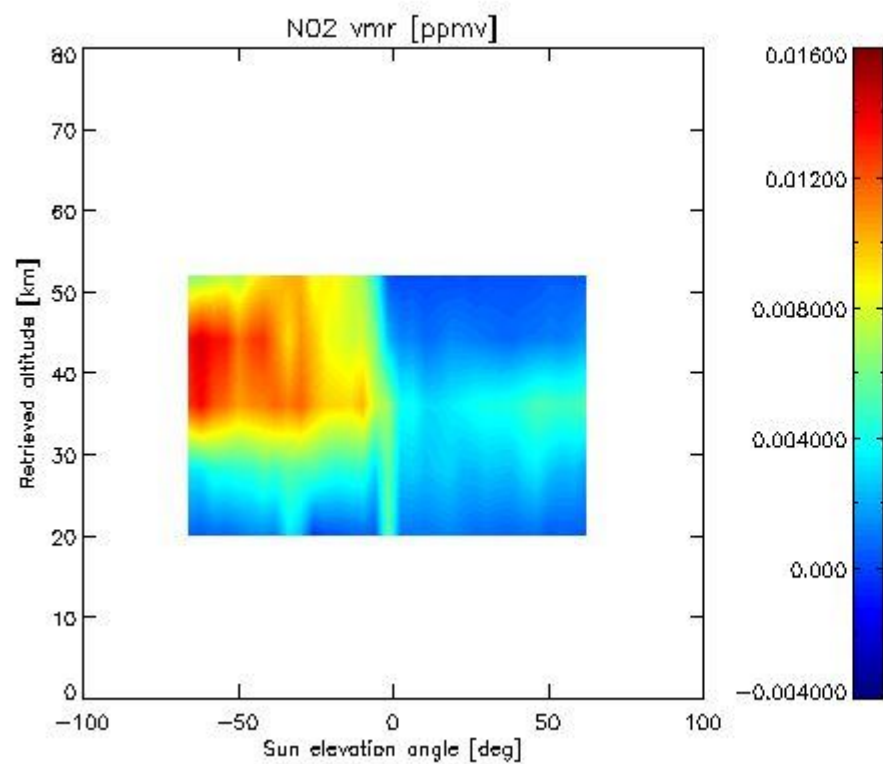
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



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.

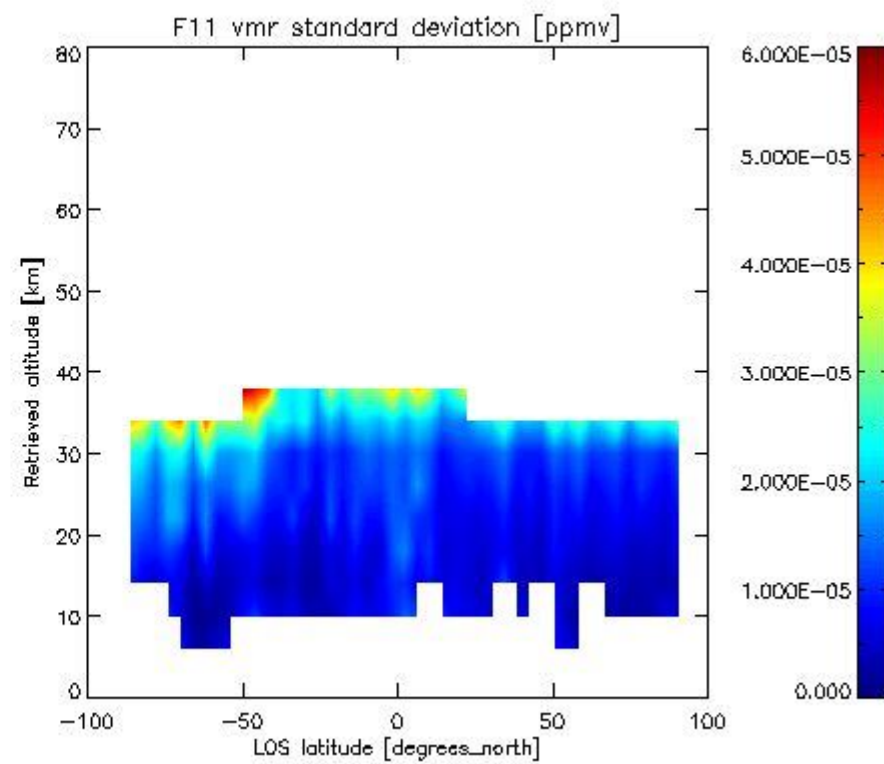
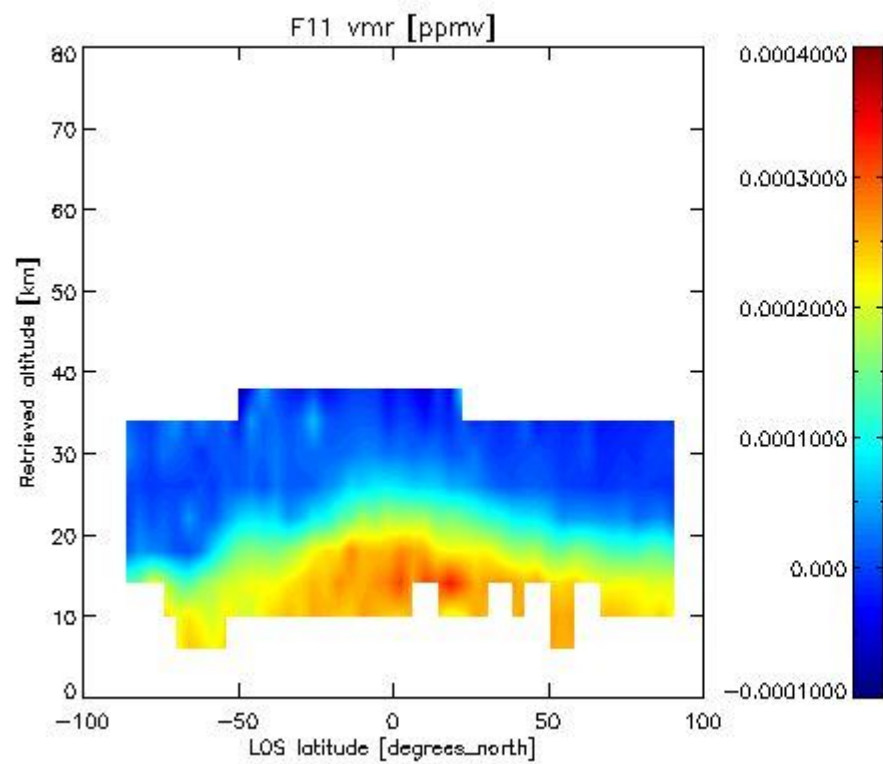


2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.

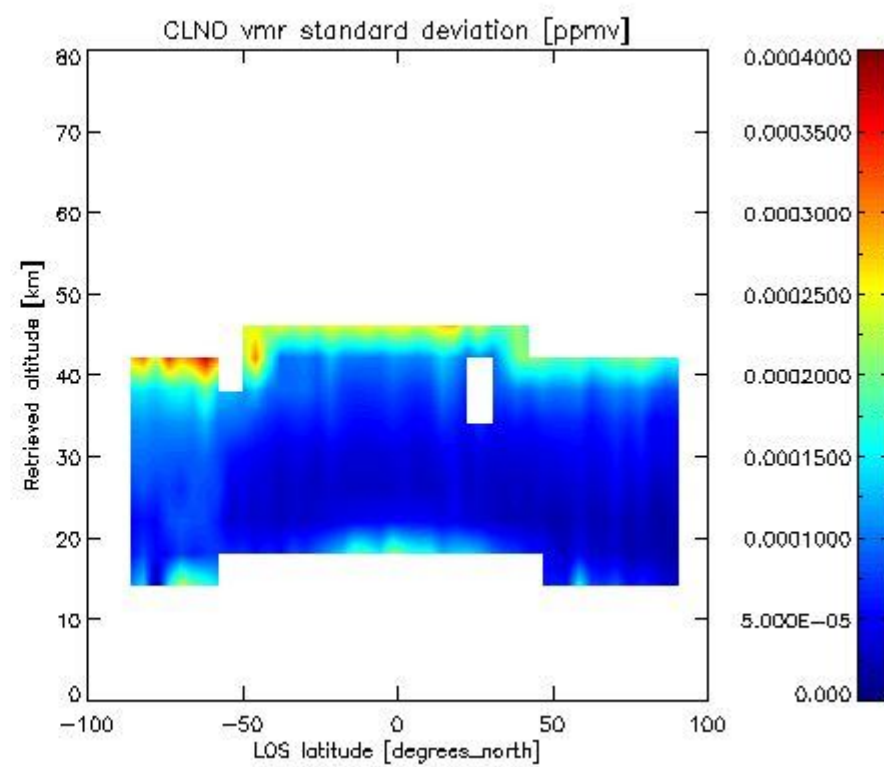
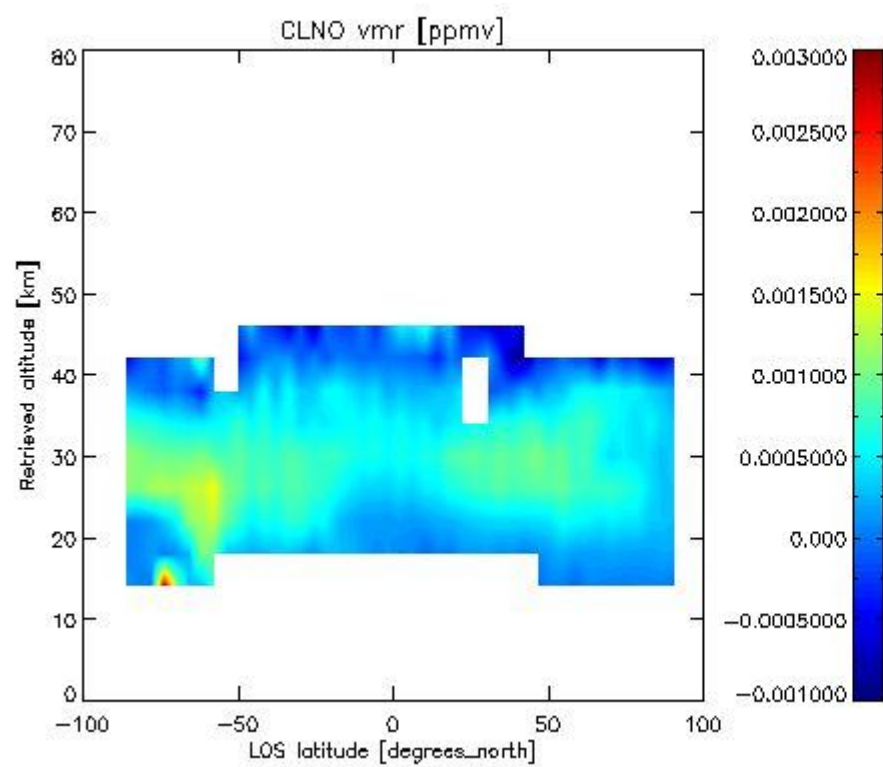


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

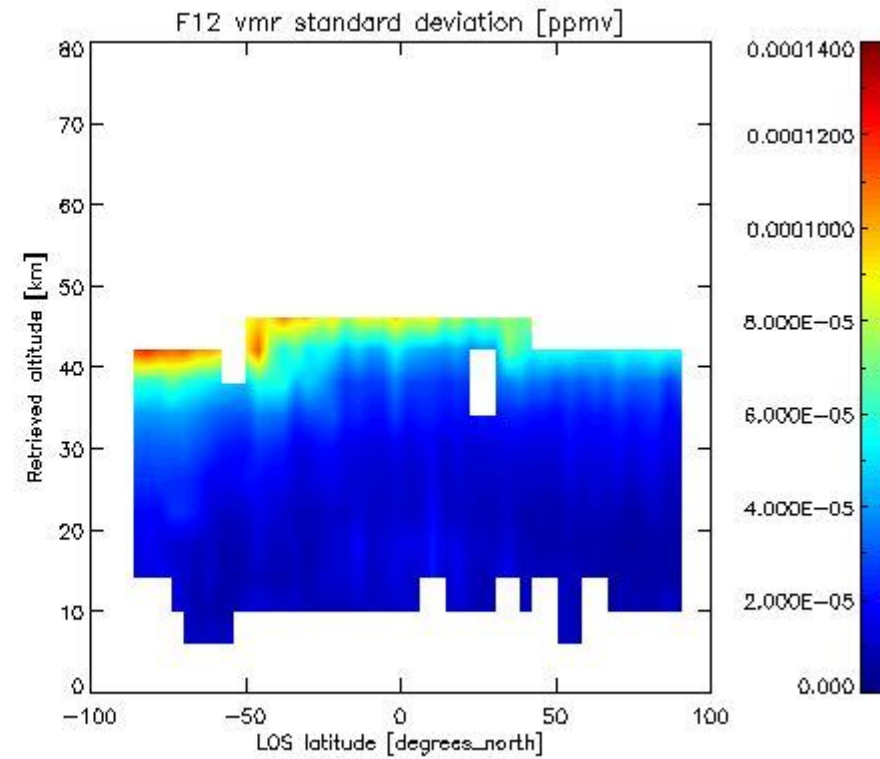
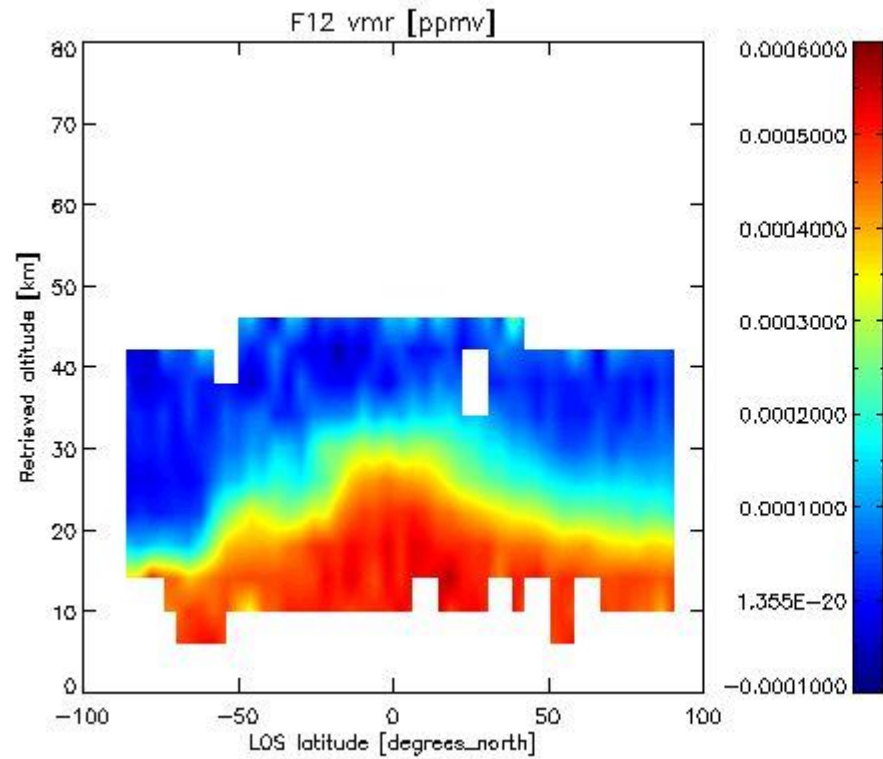
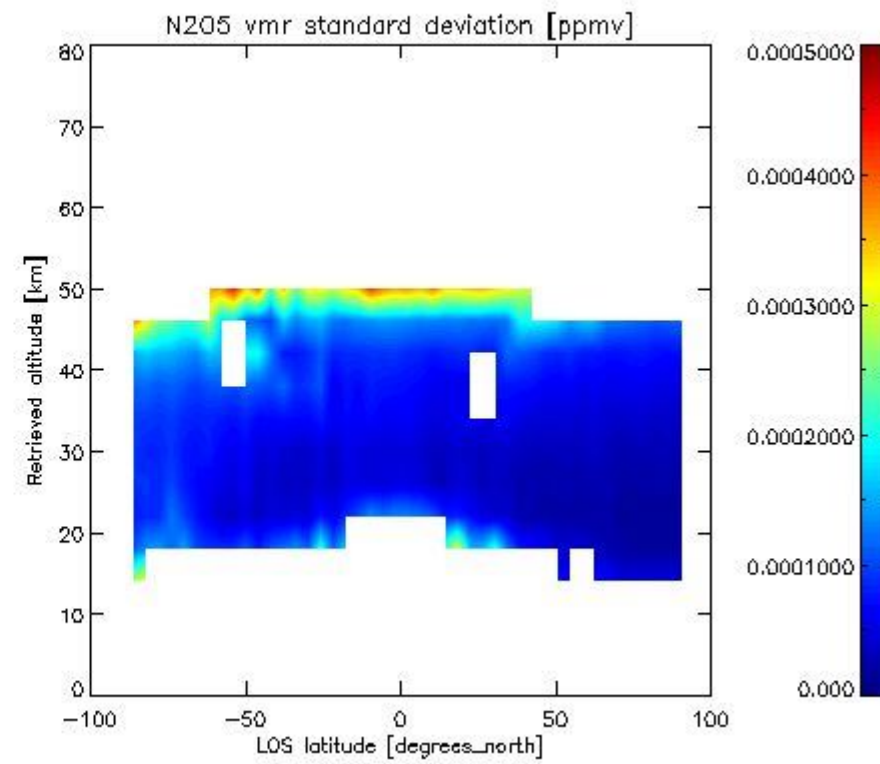
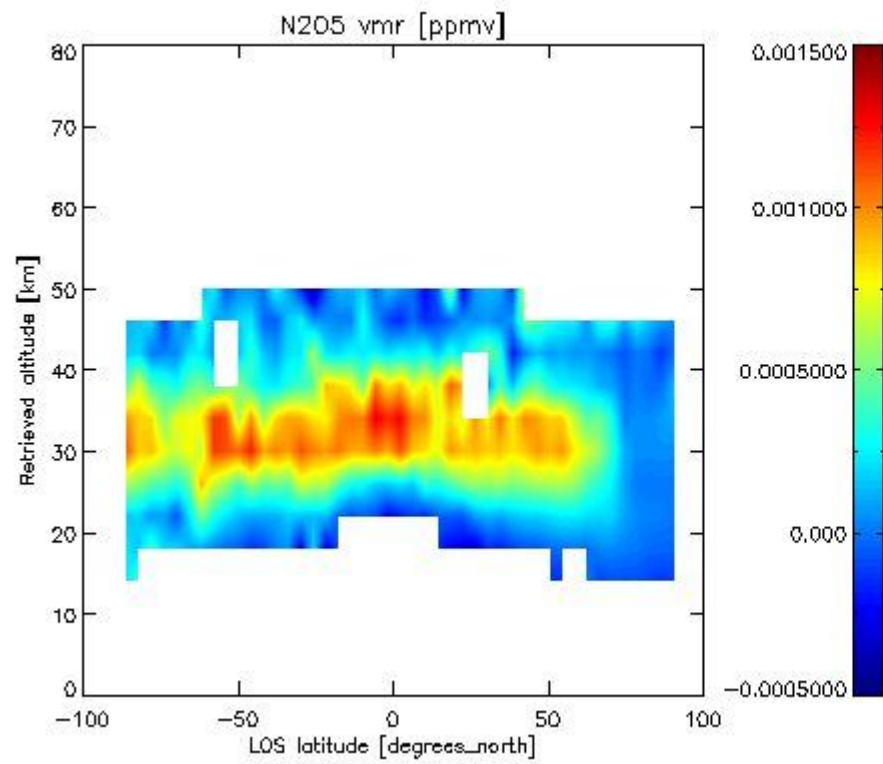




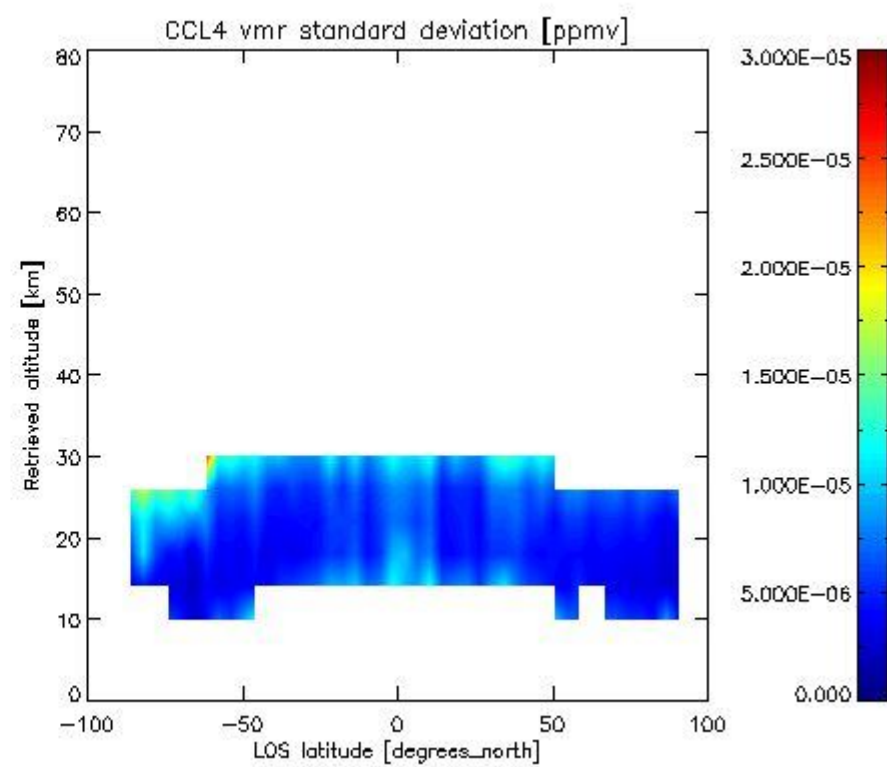
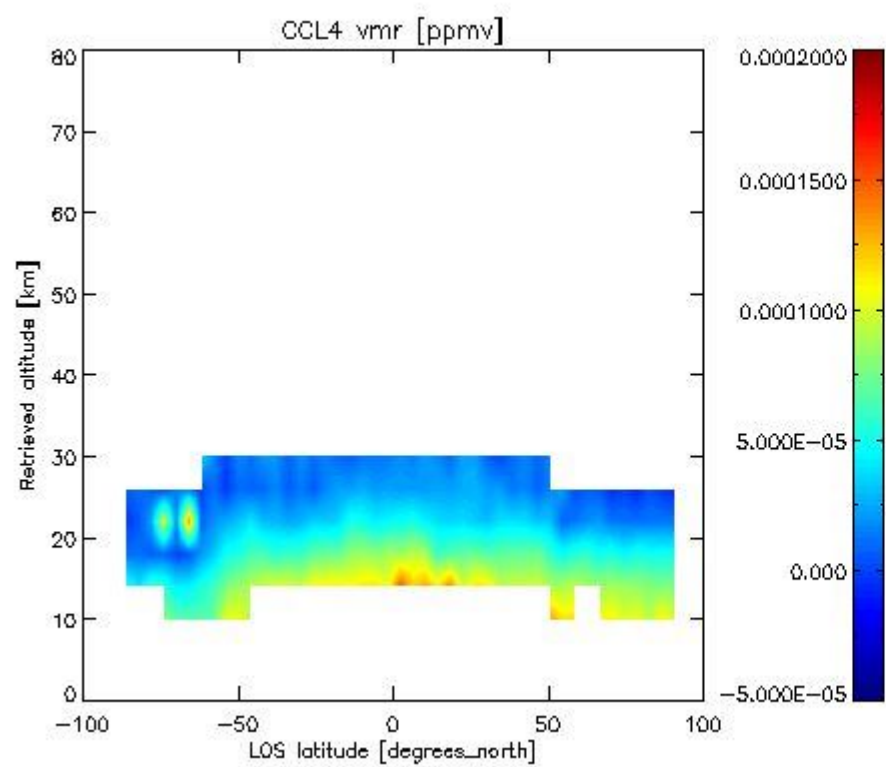
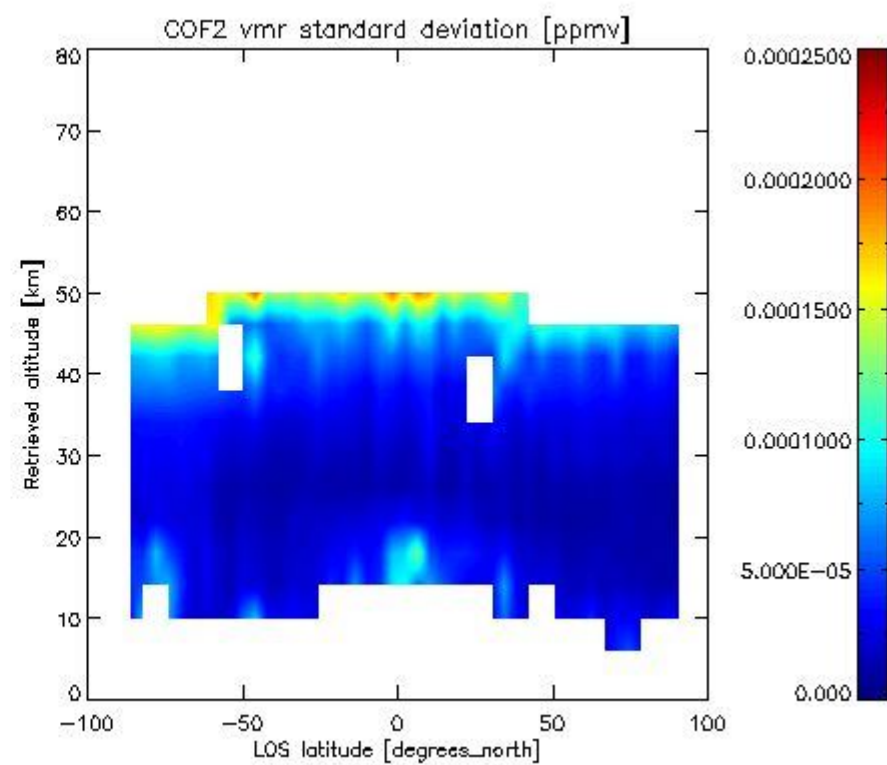
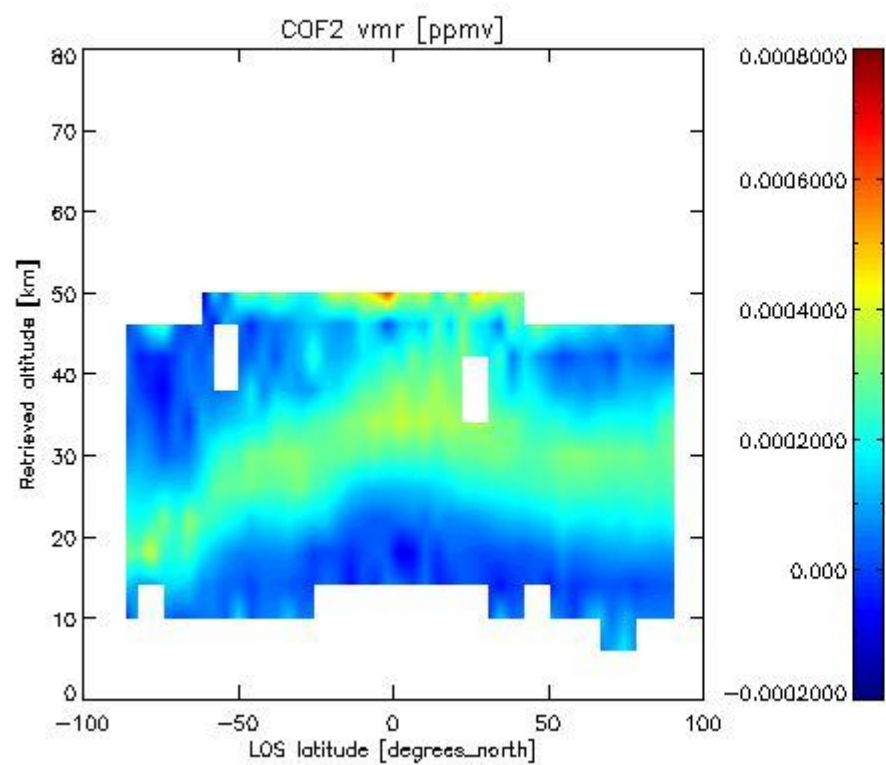
2.3.4 CLNO overview: This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

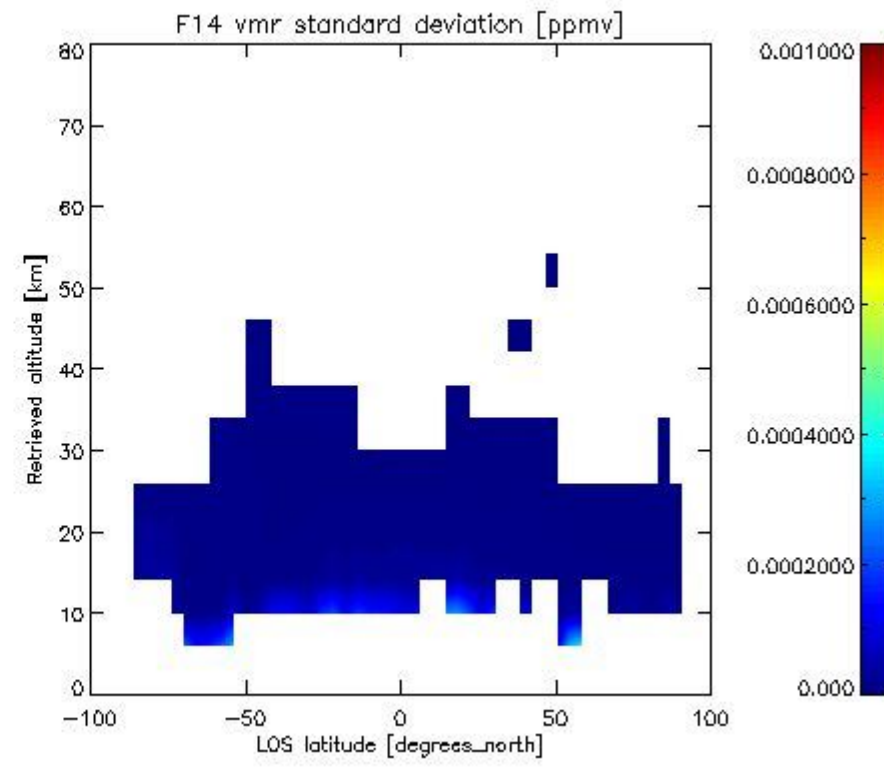
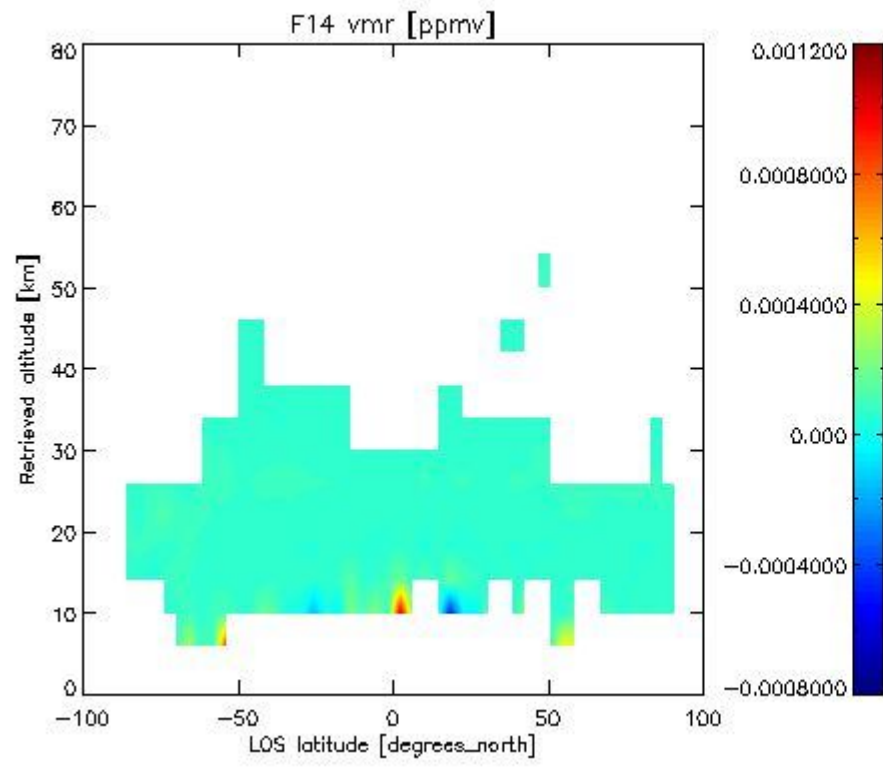
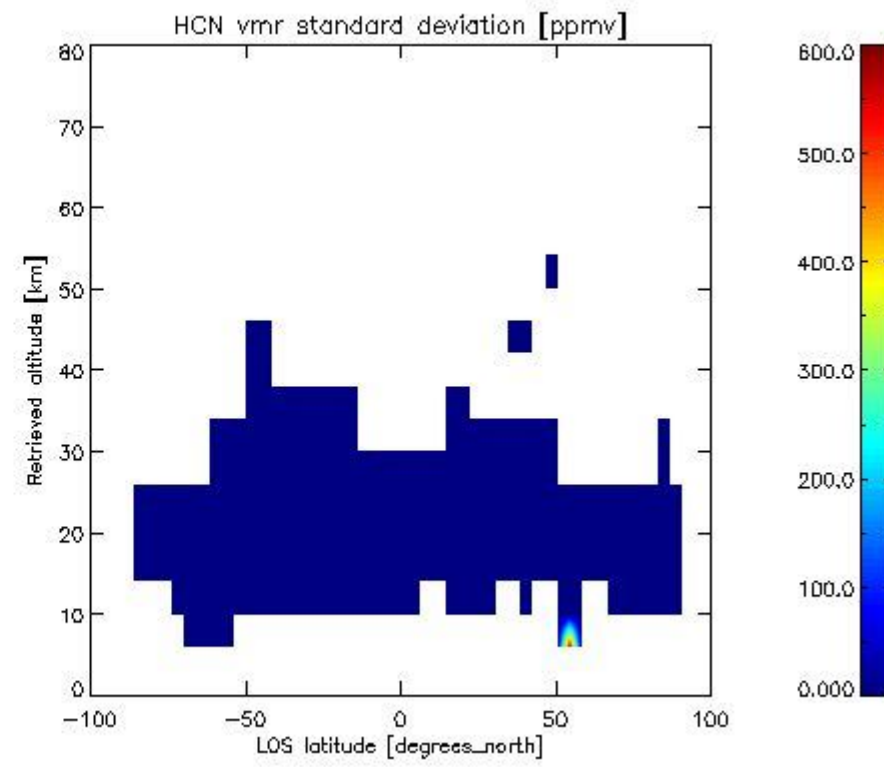
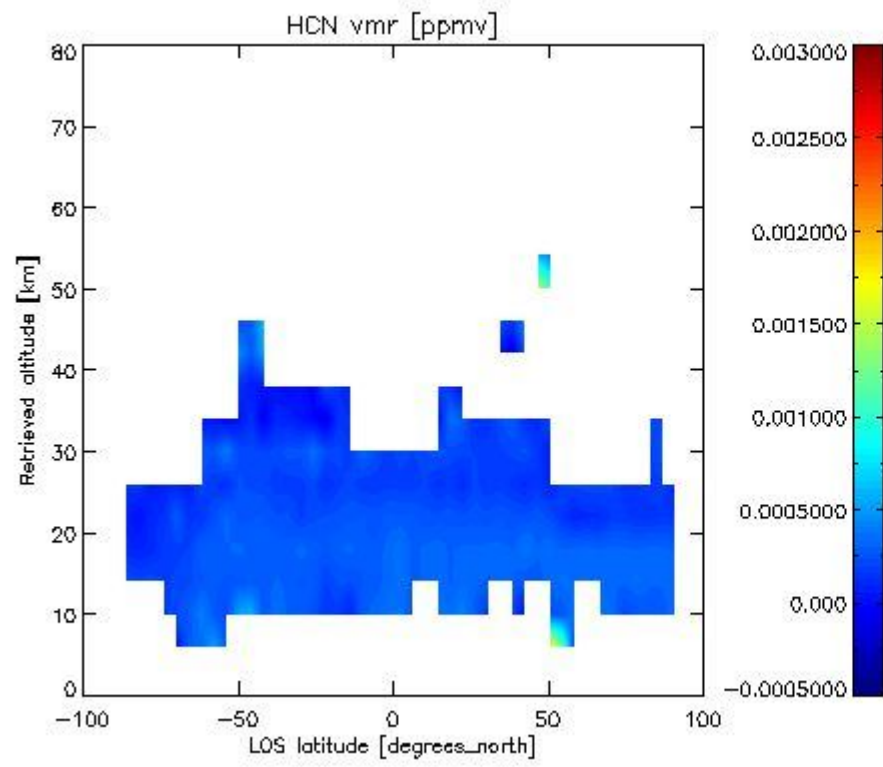


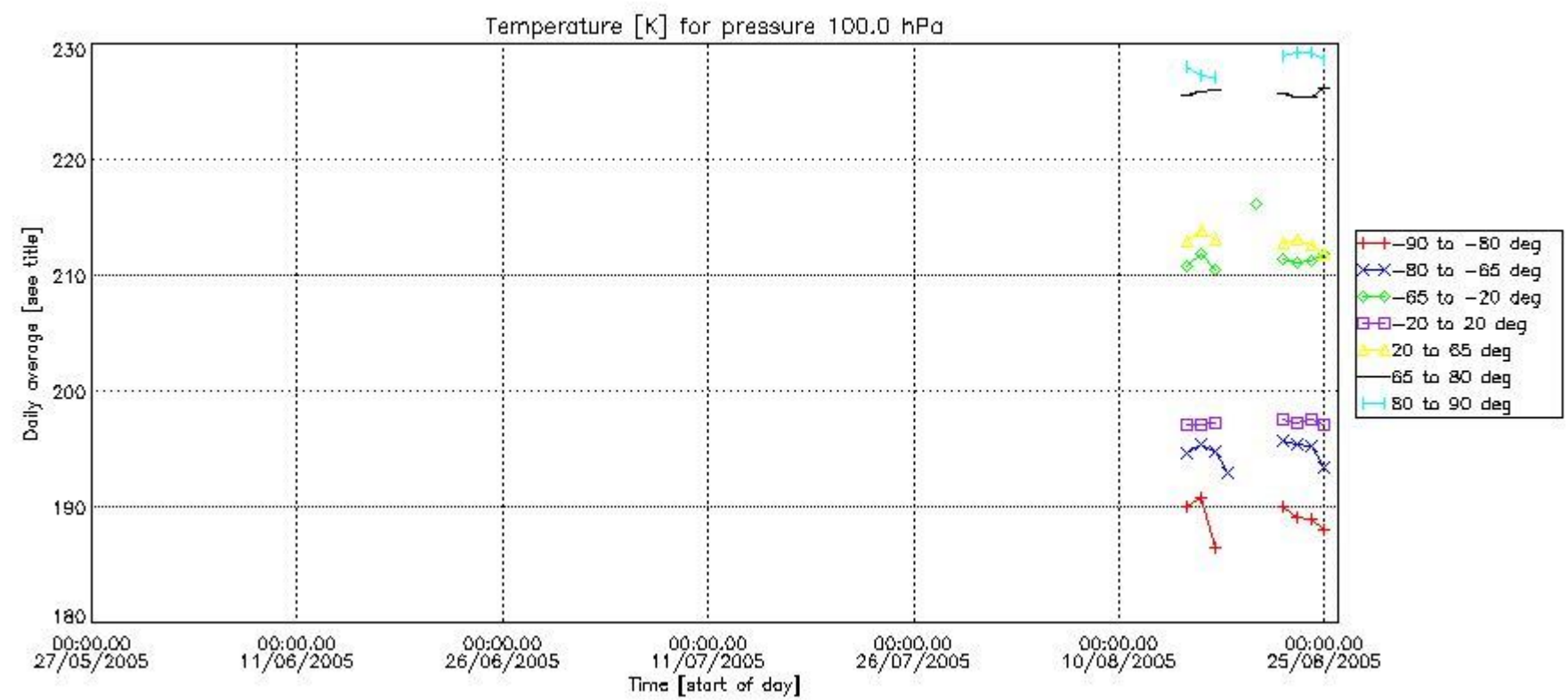
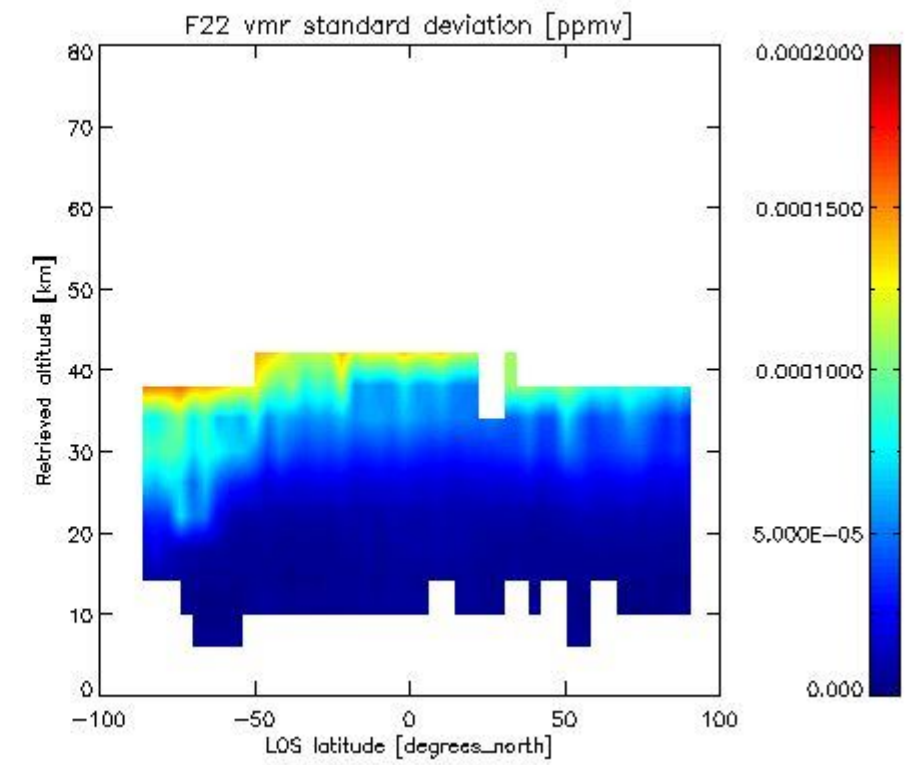
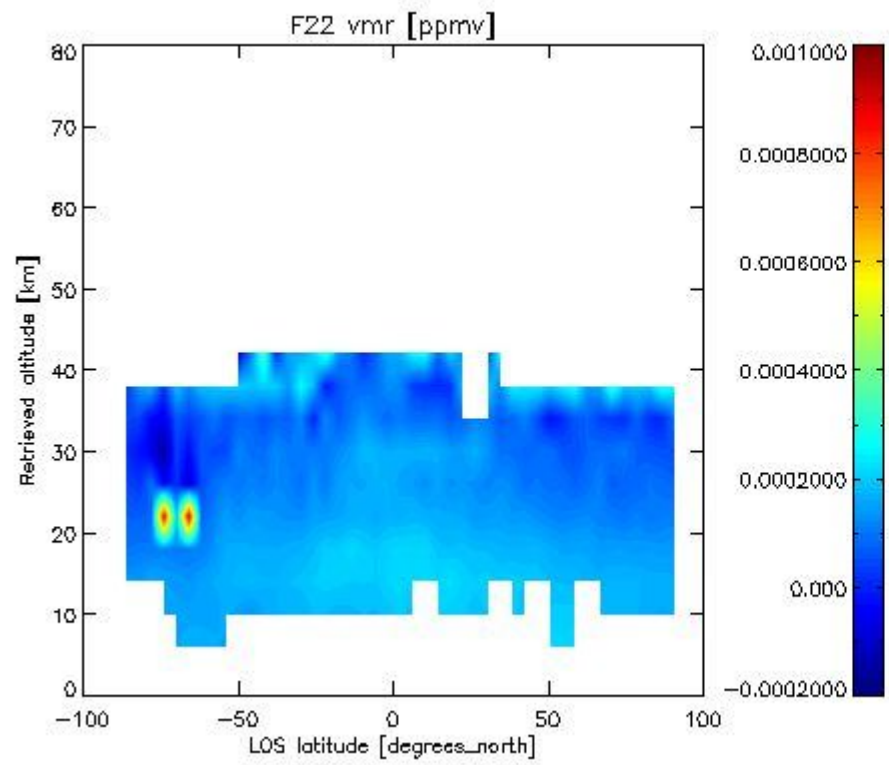
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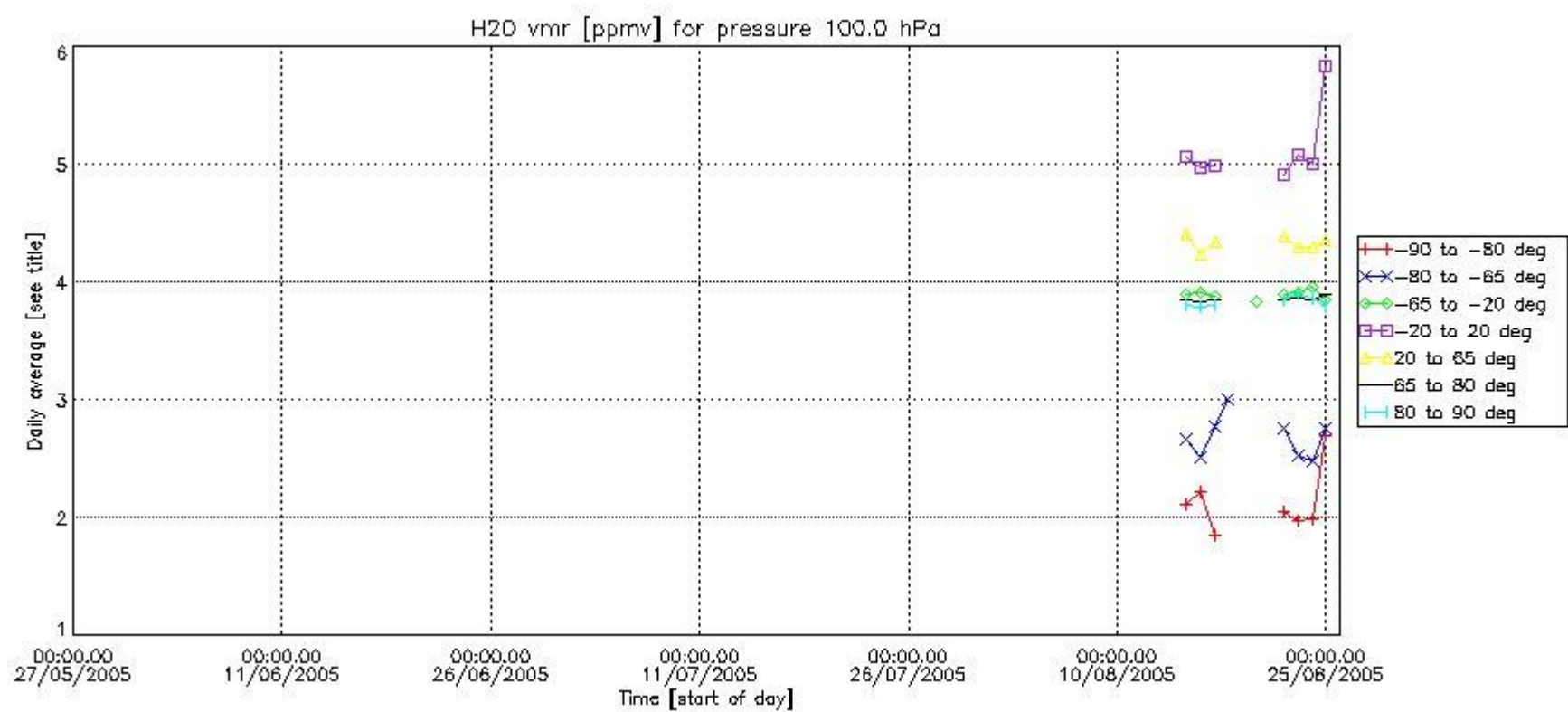
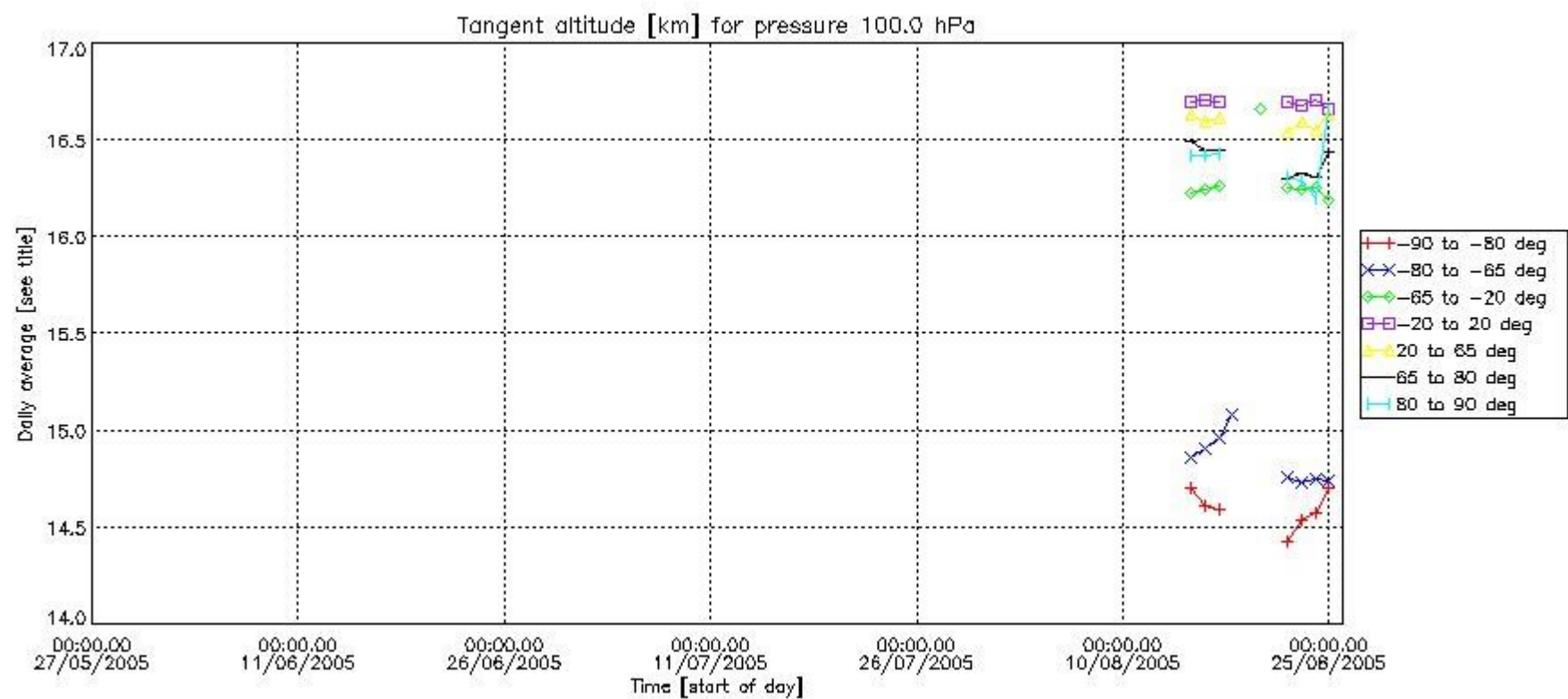


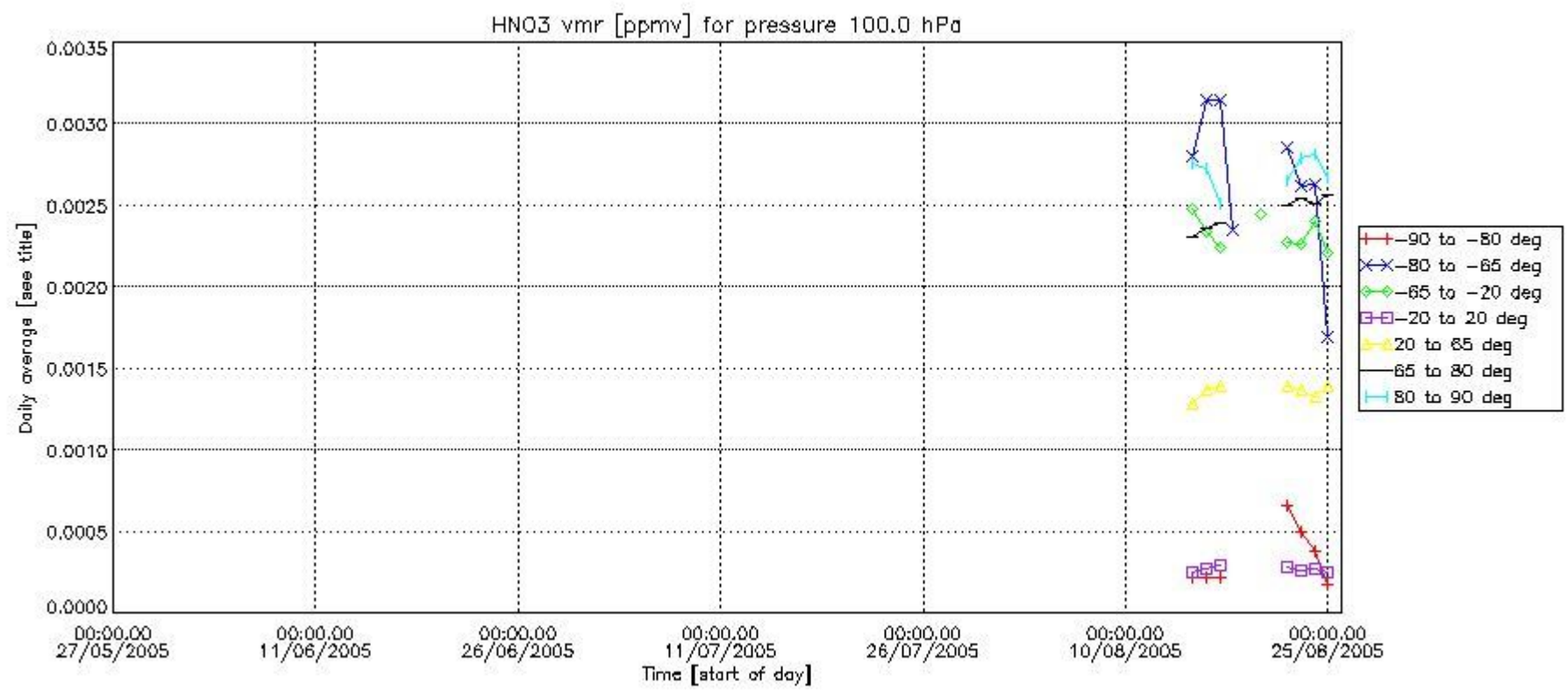
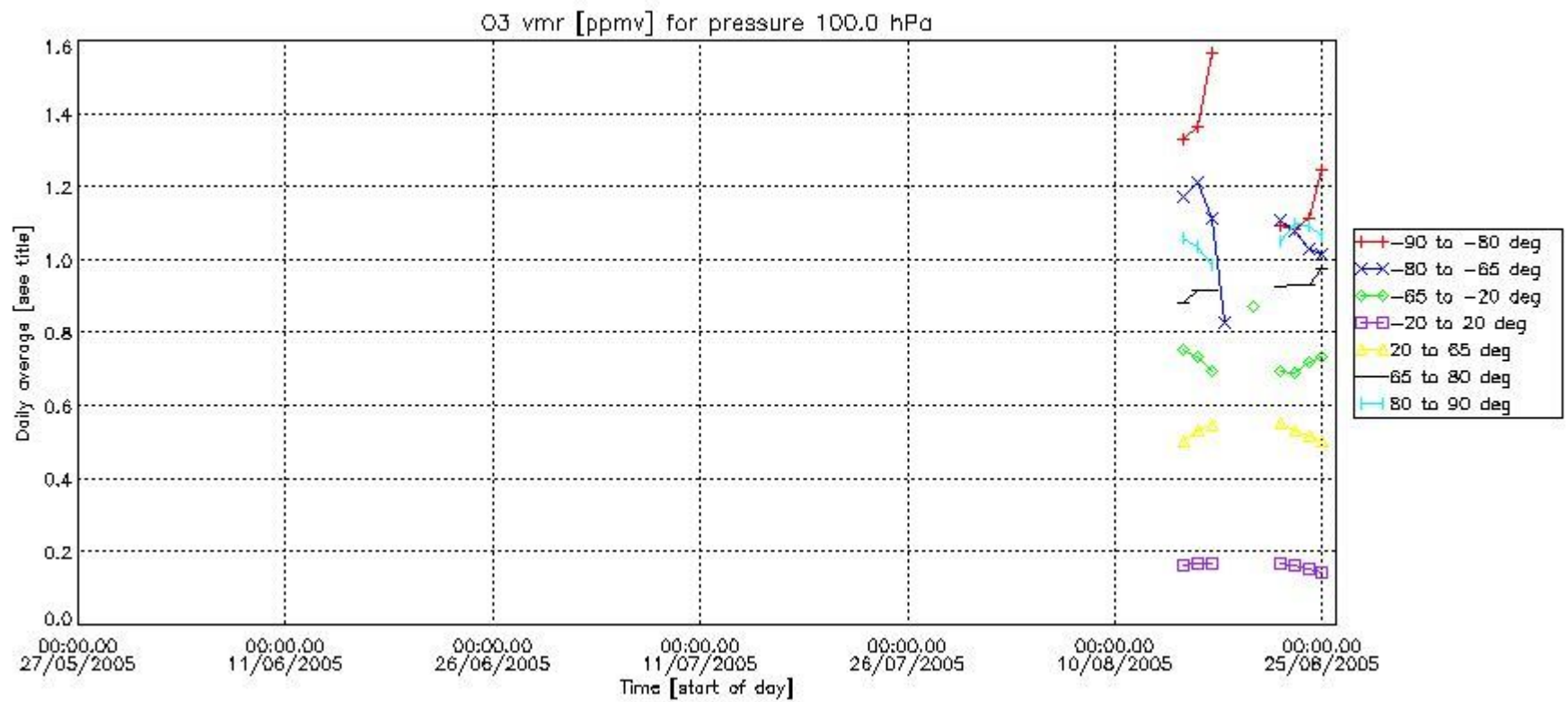


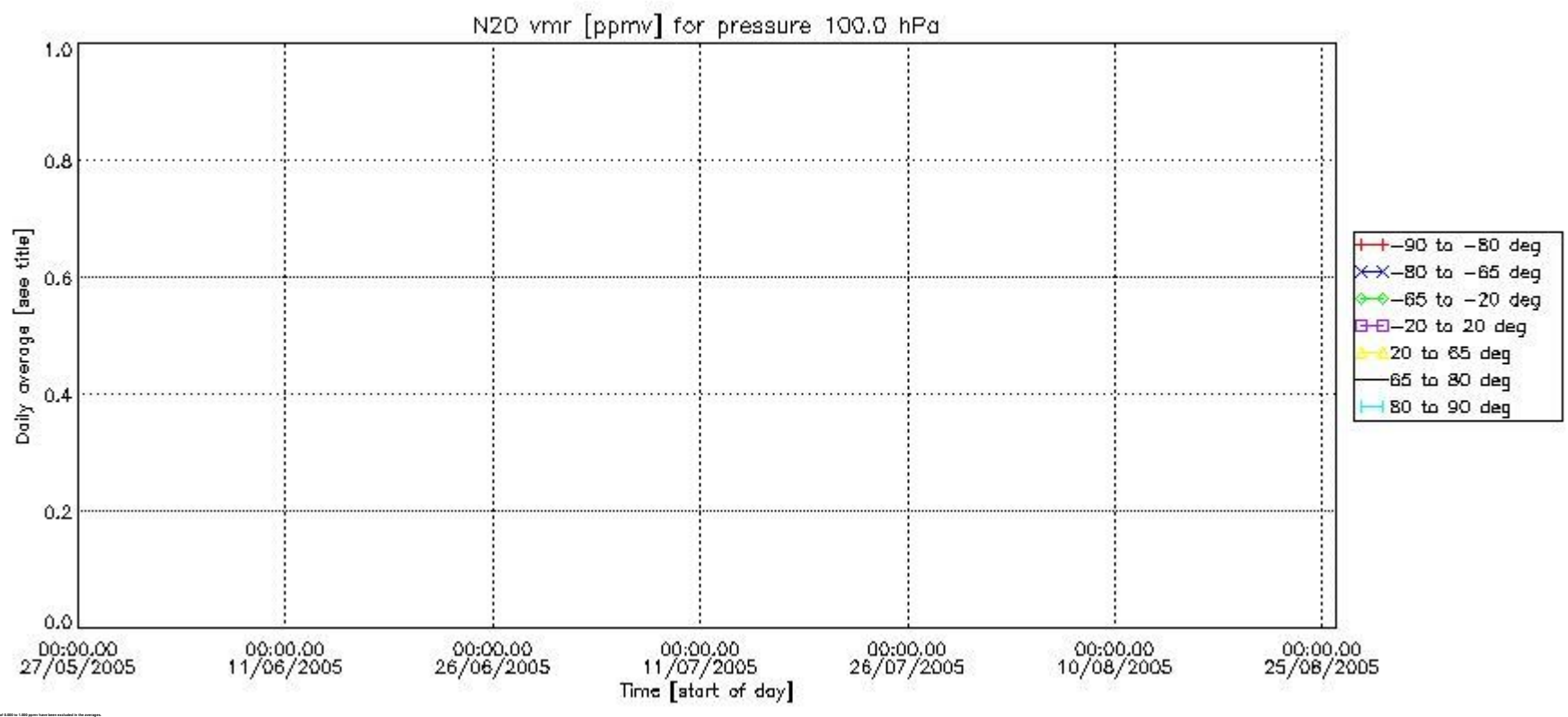
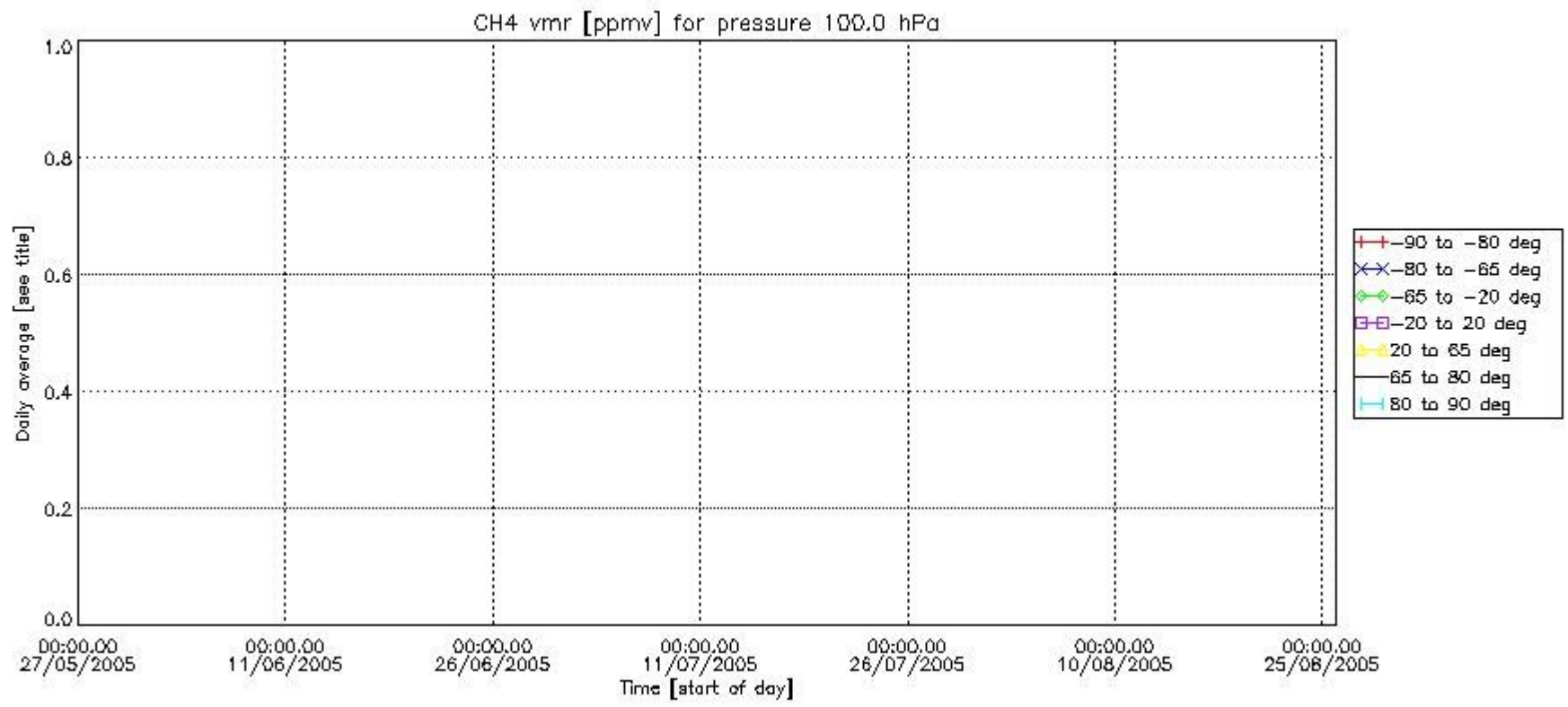




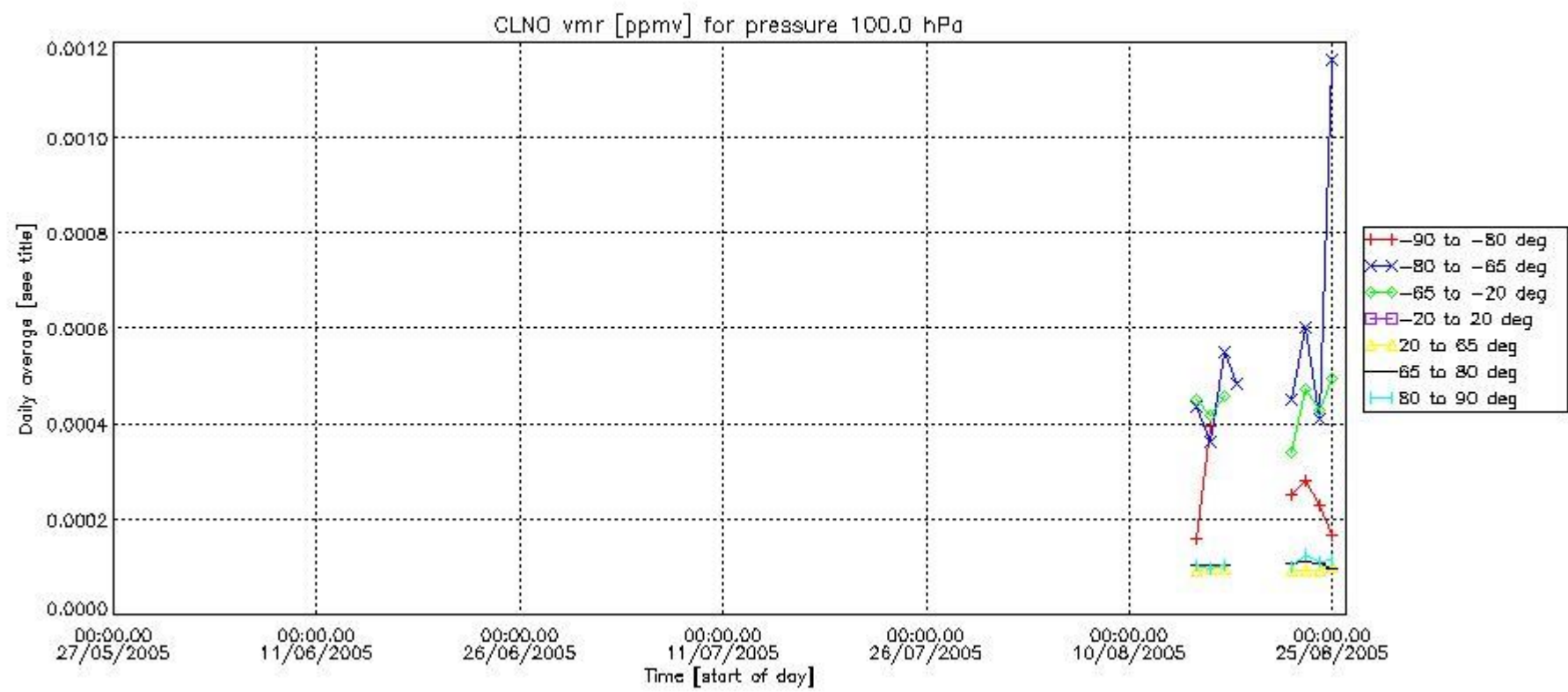
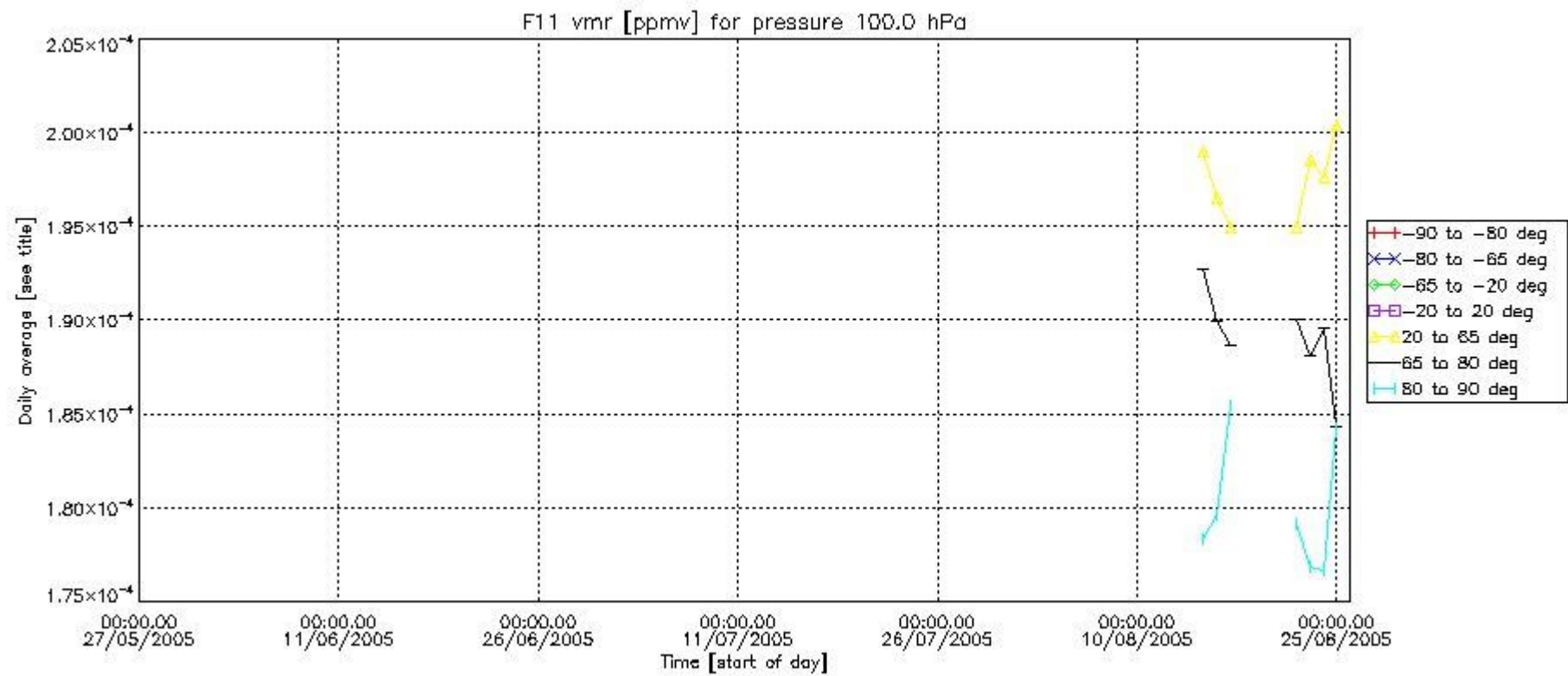


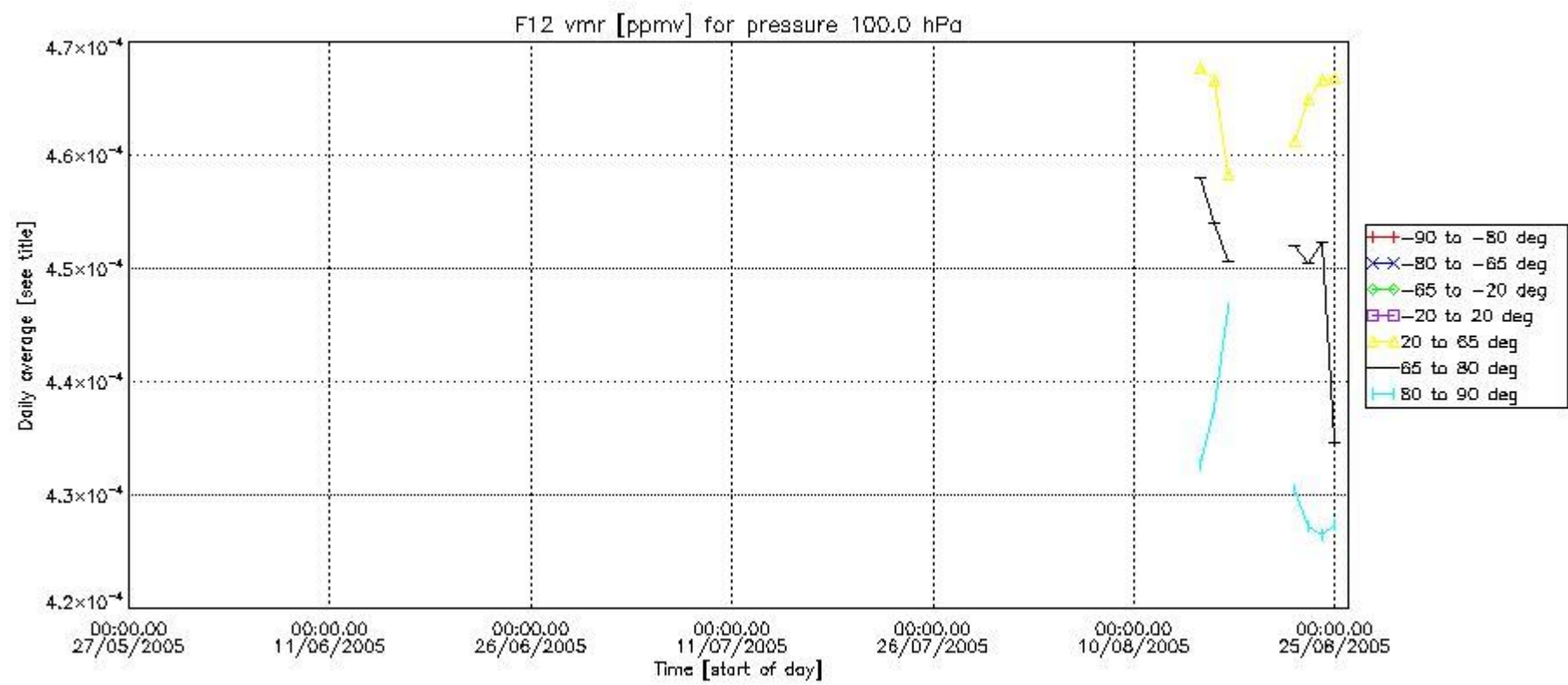
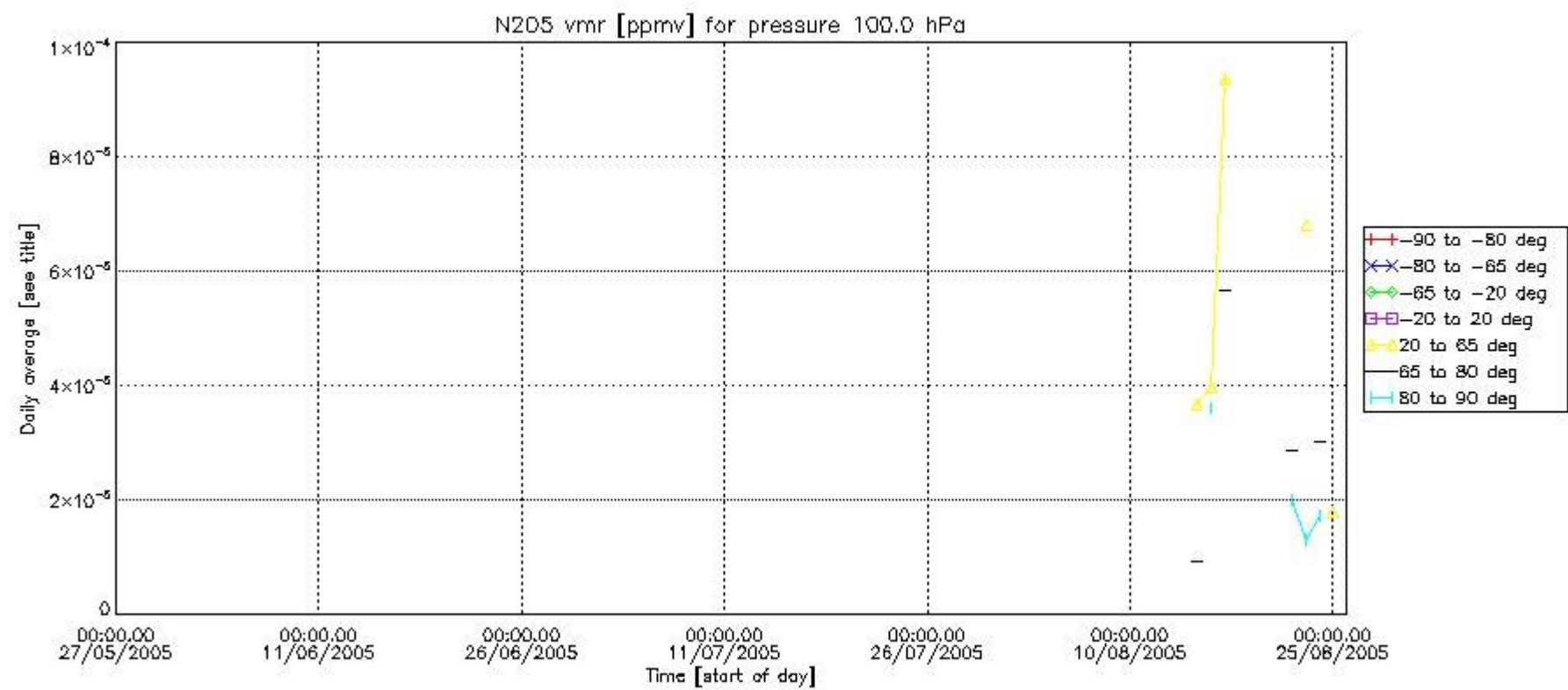


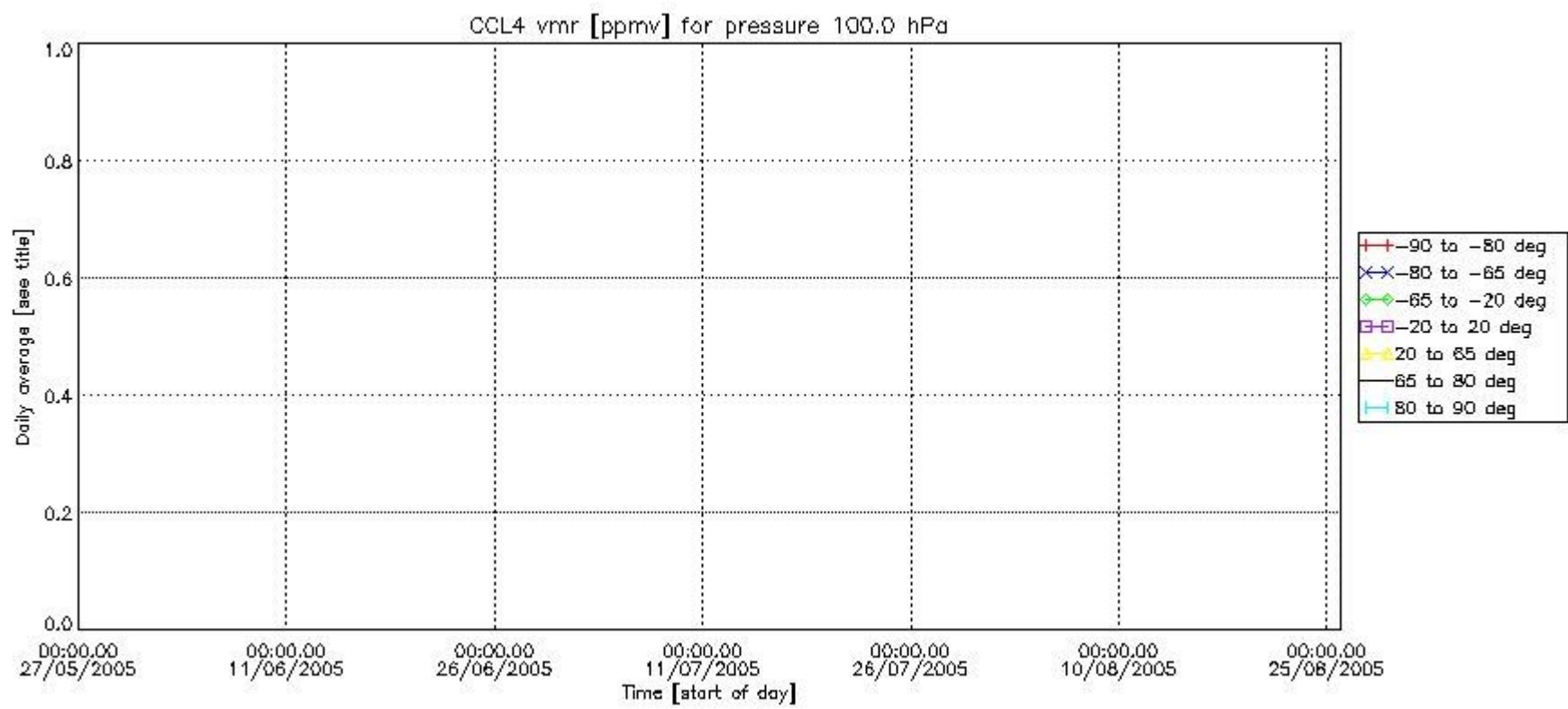
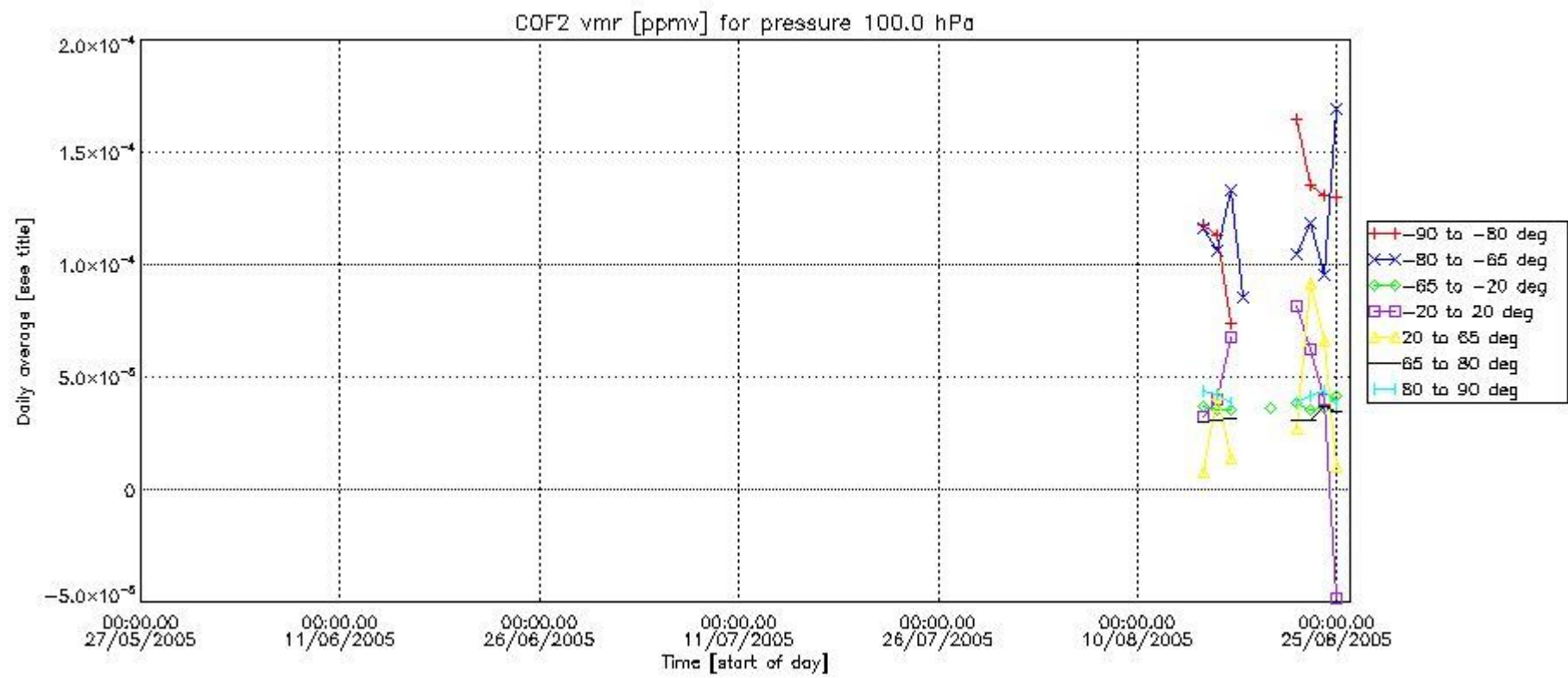




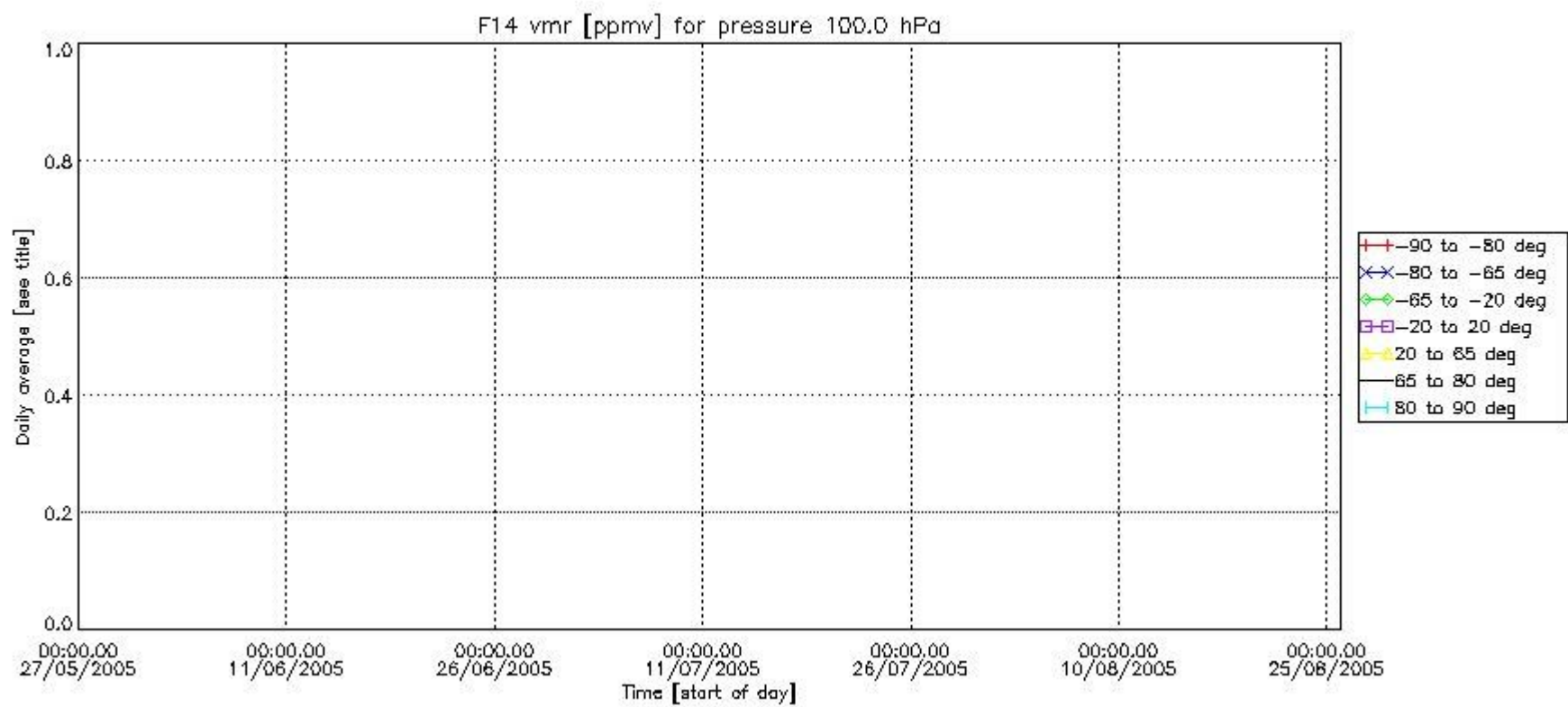
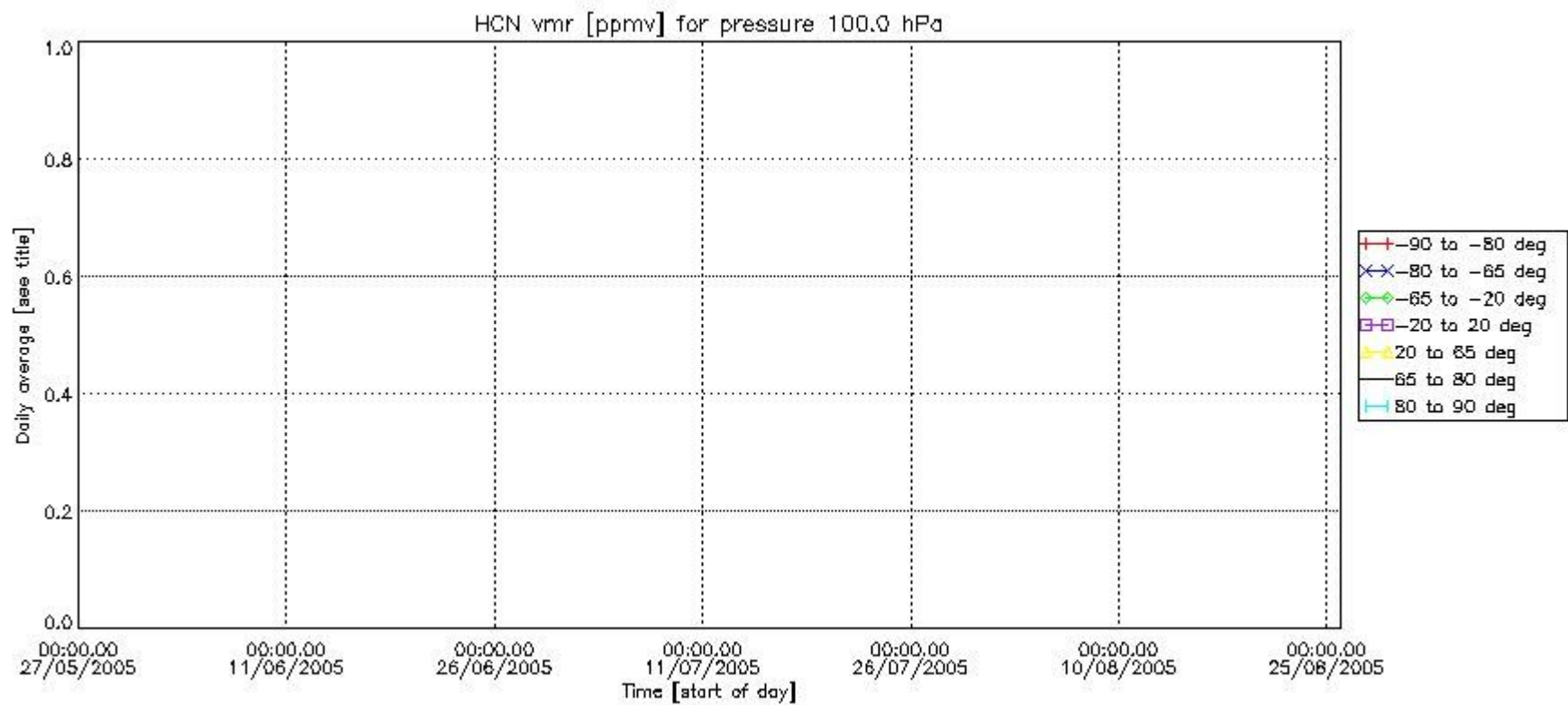


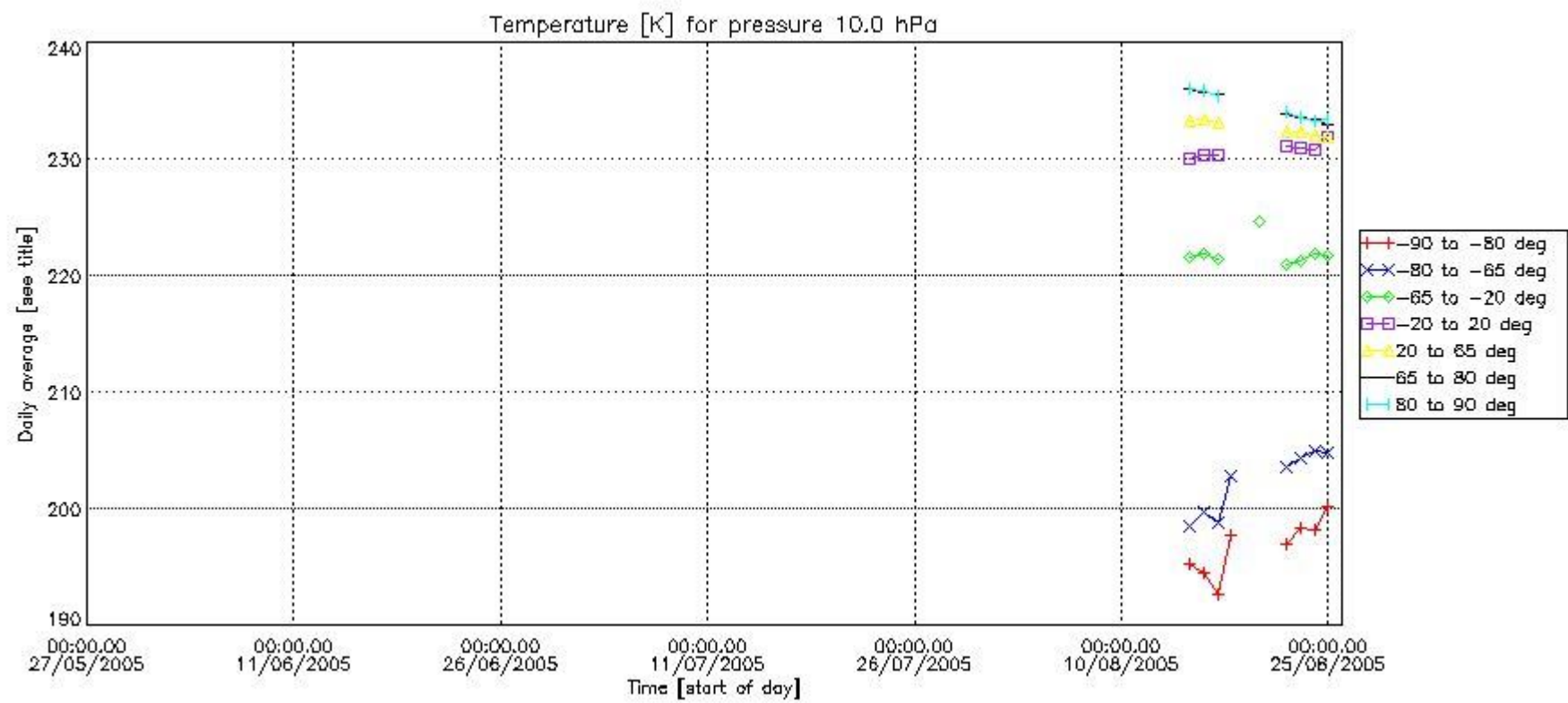
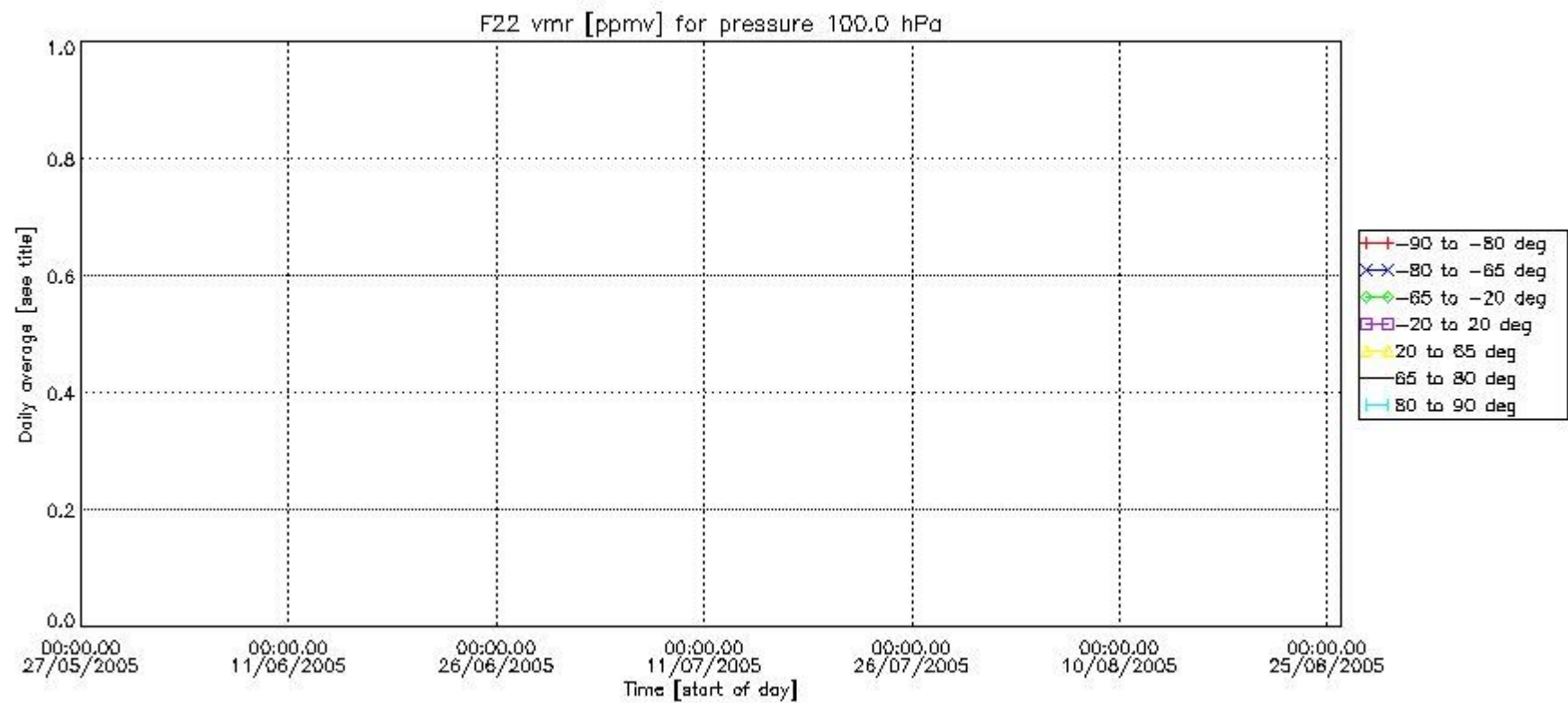


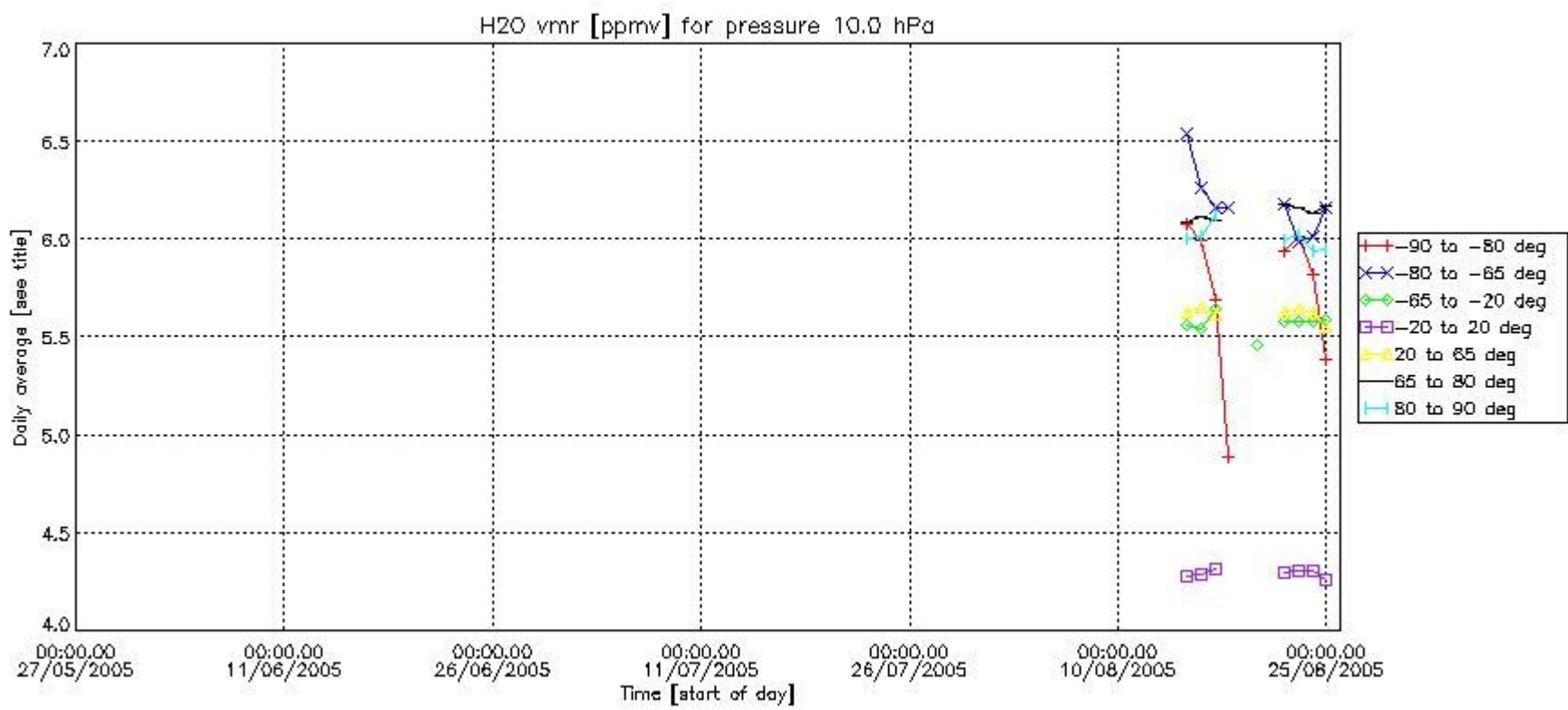
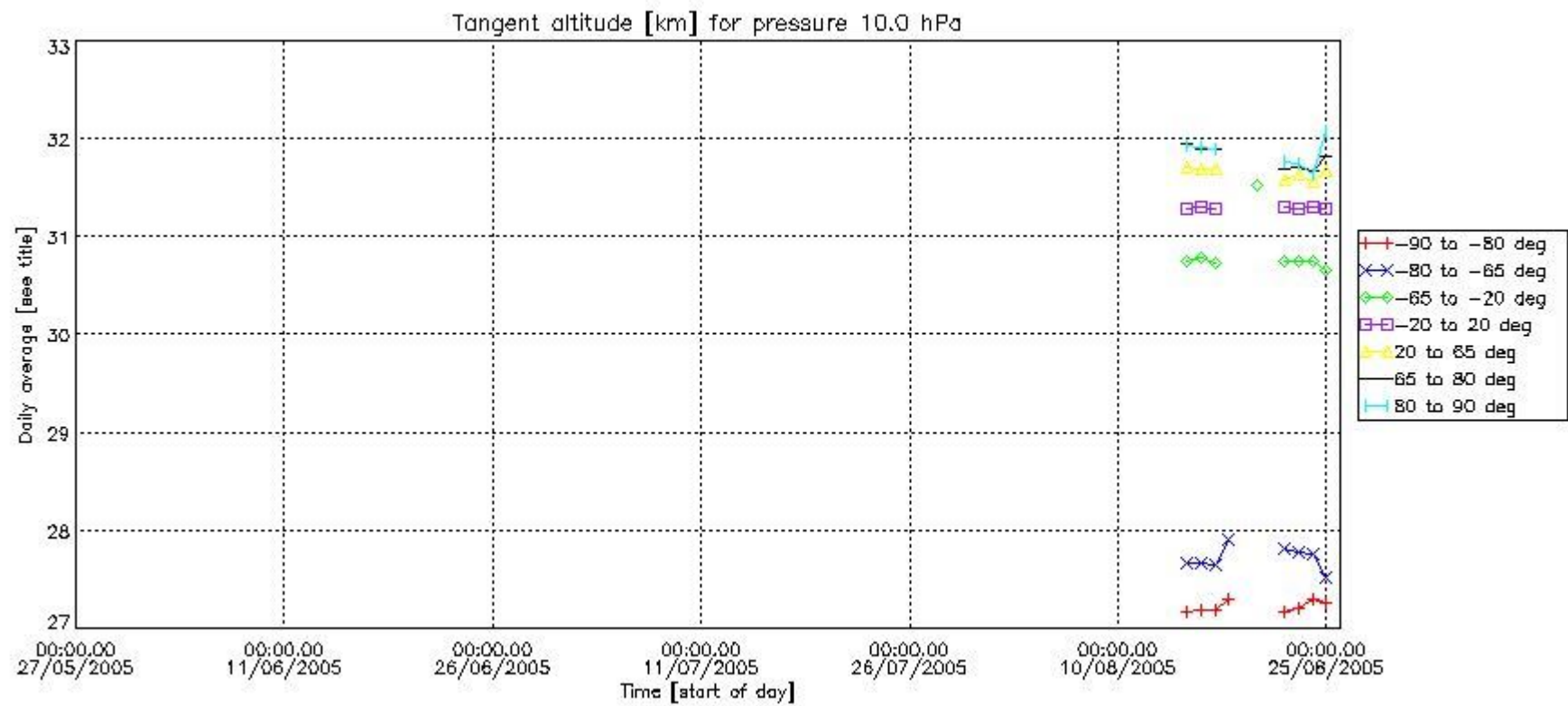


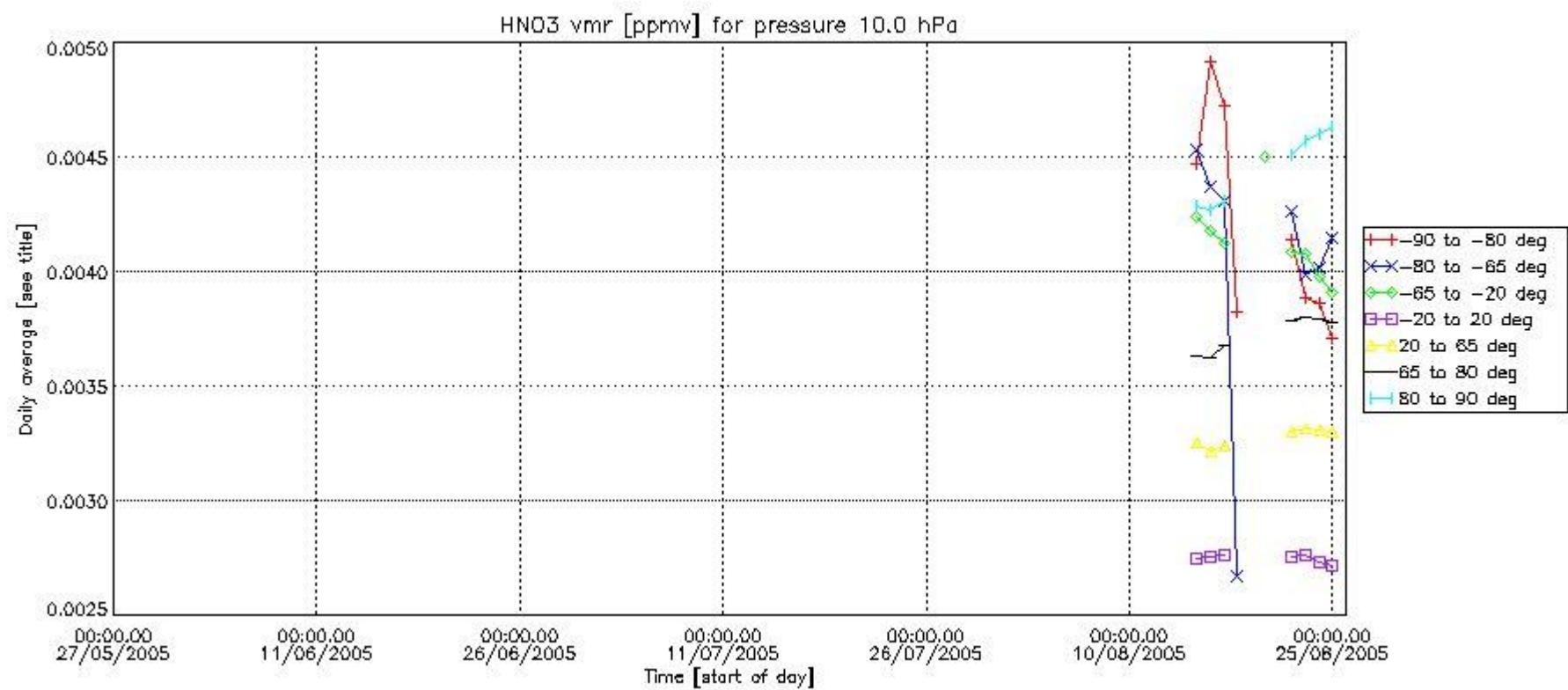
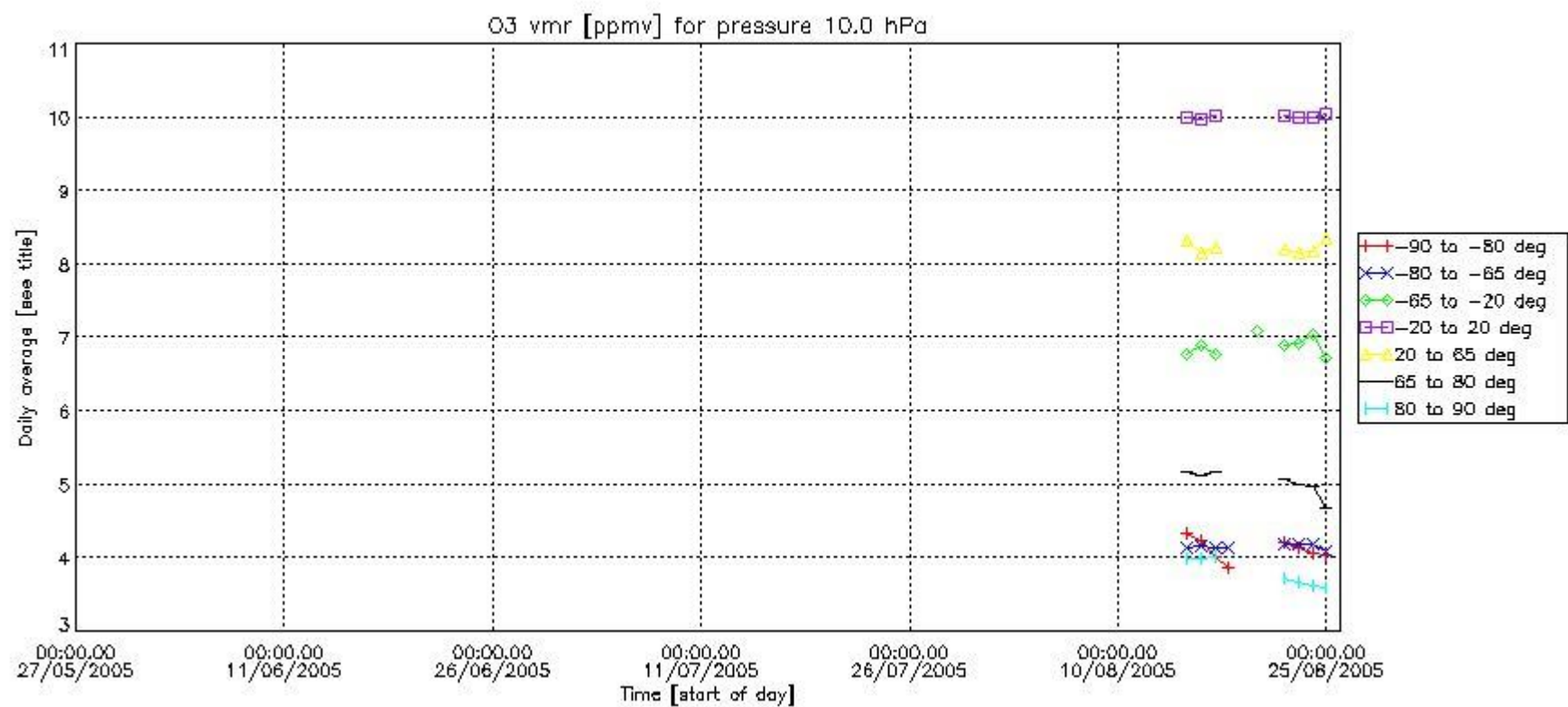




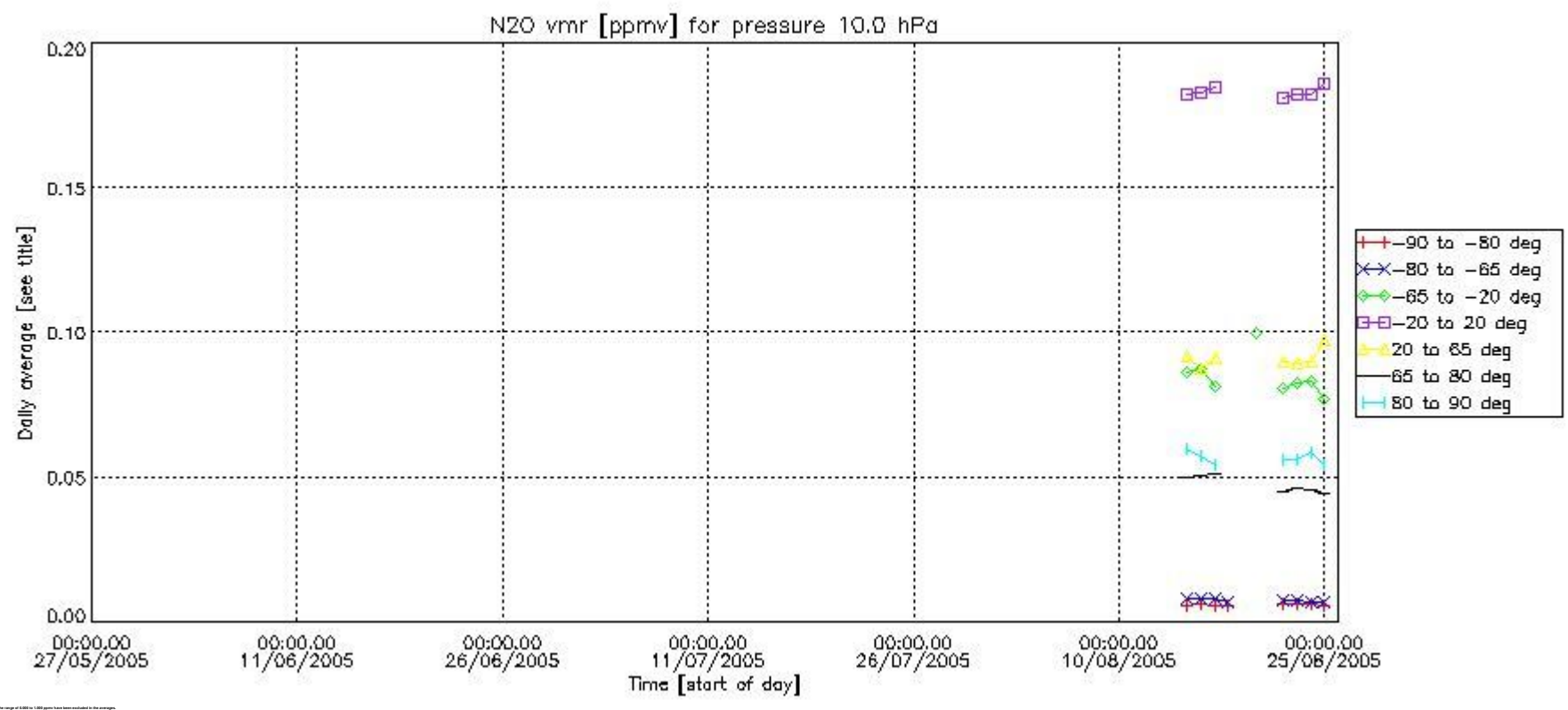
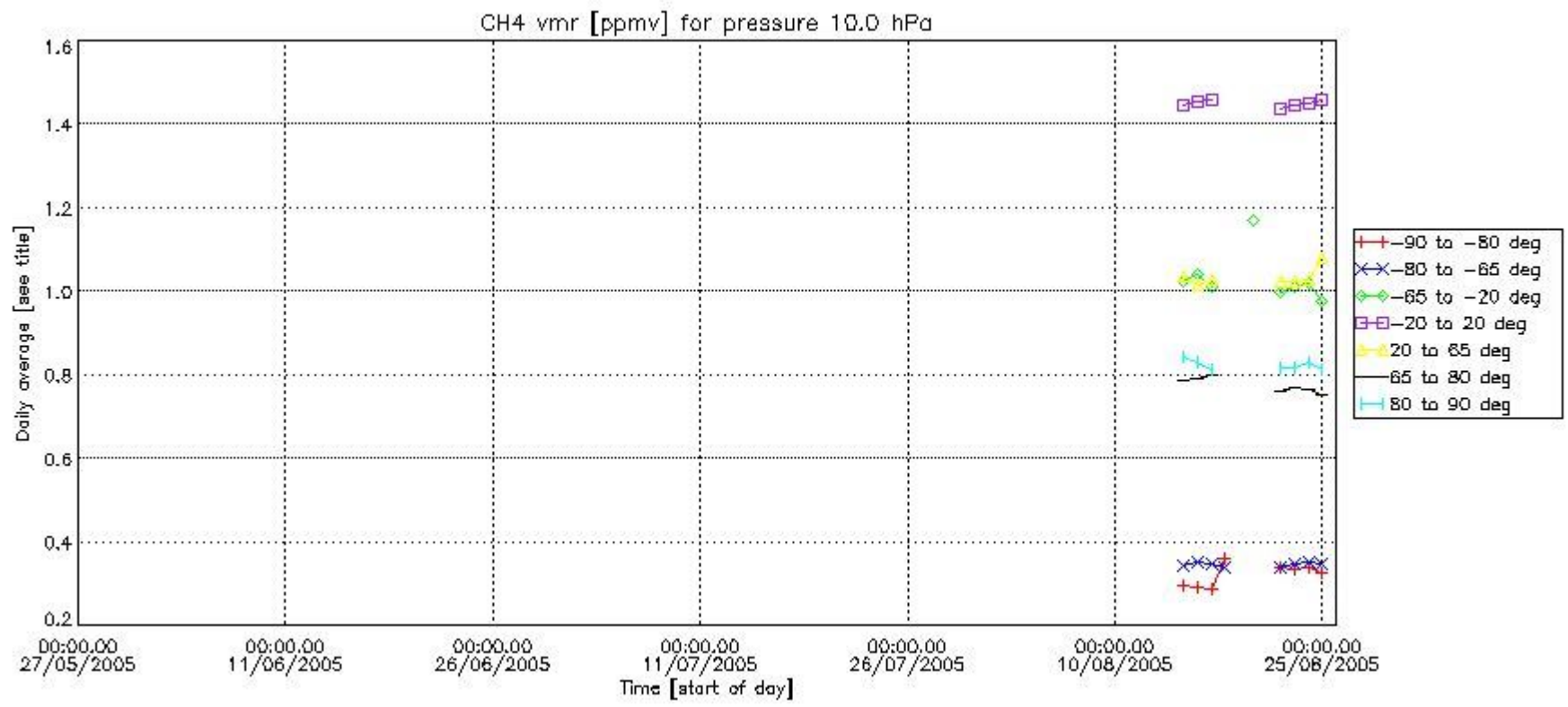


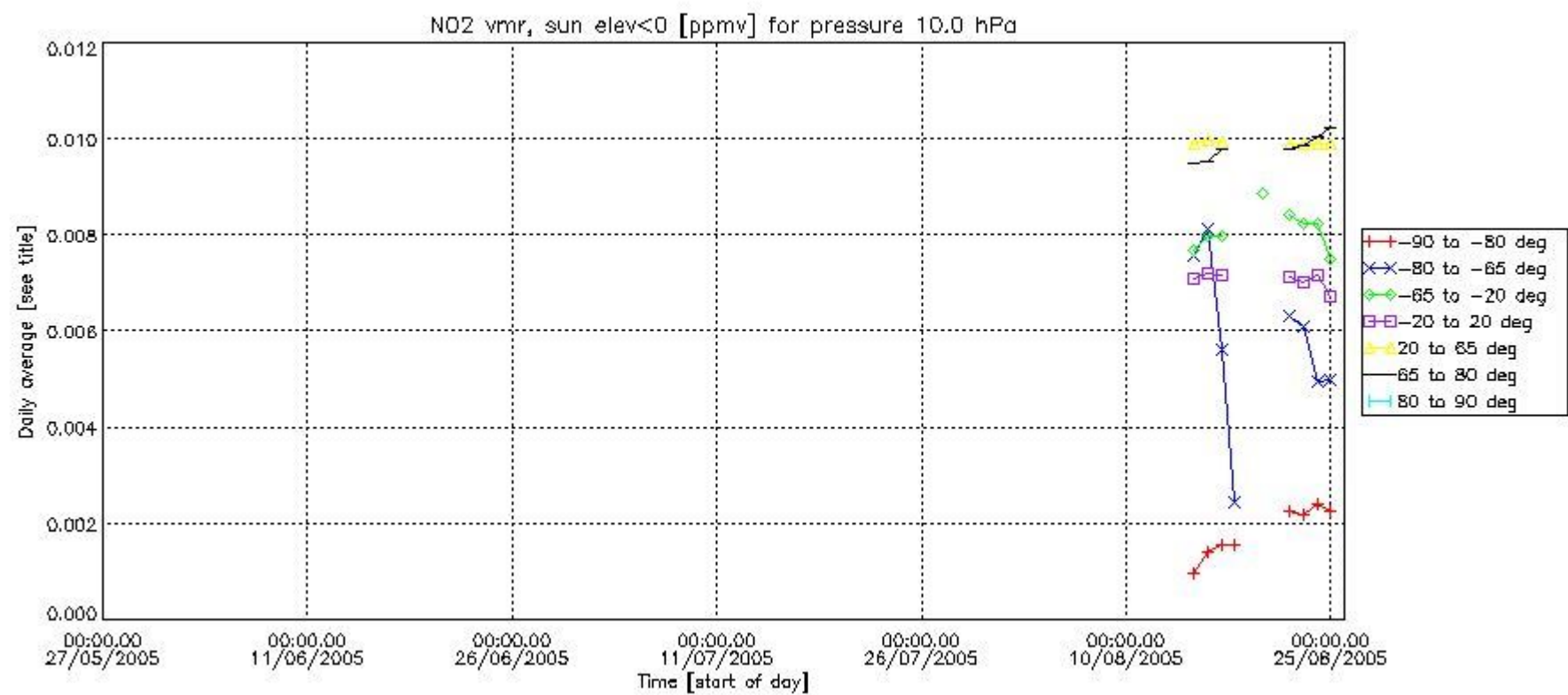
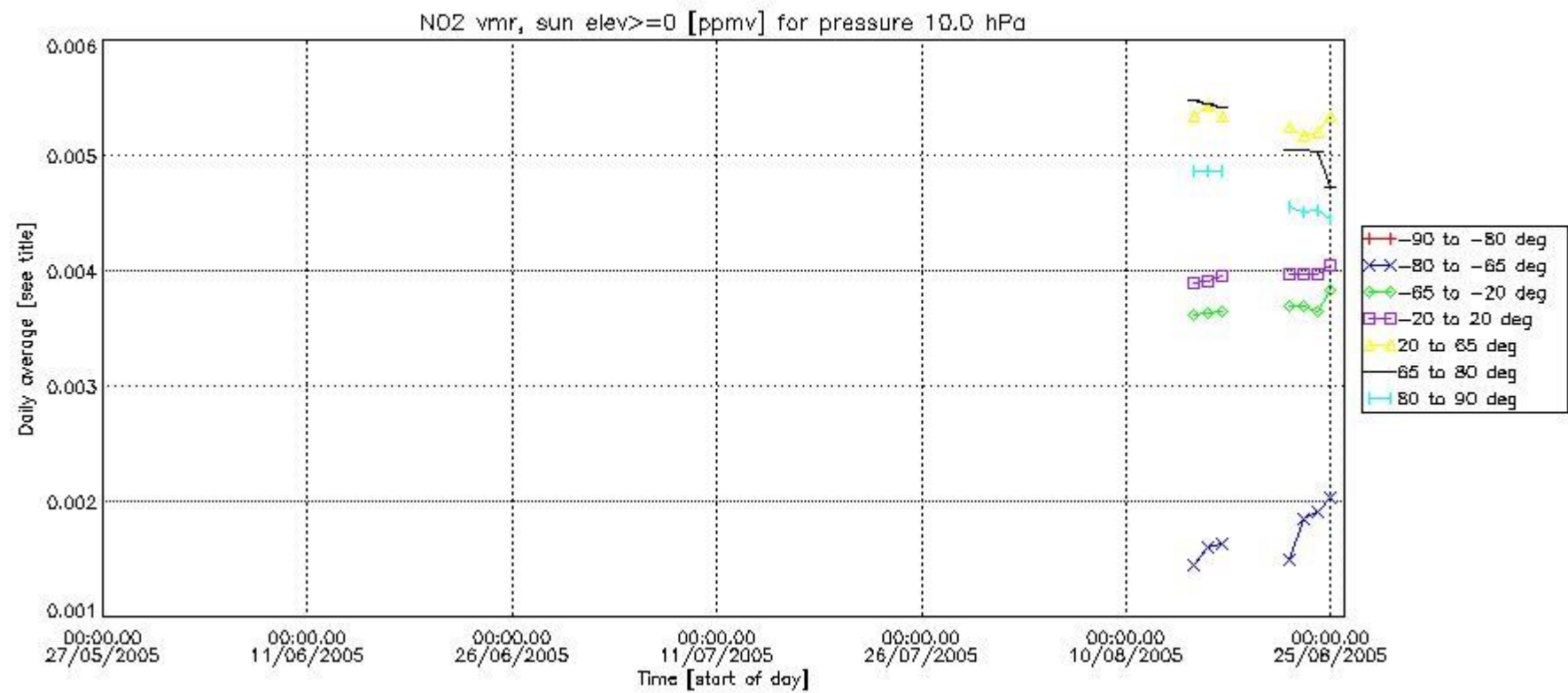


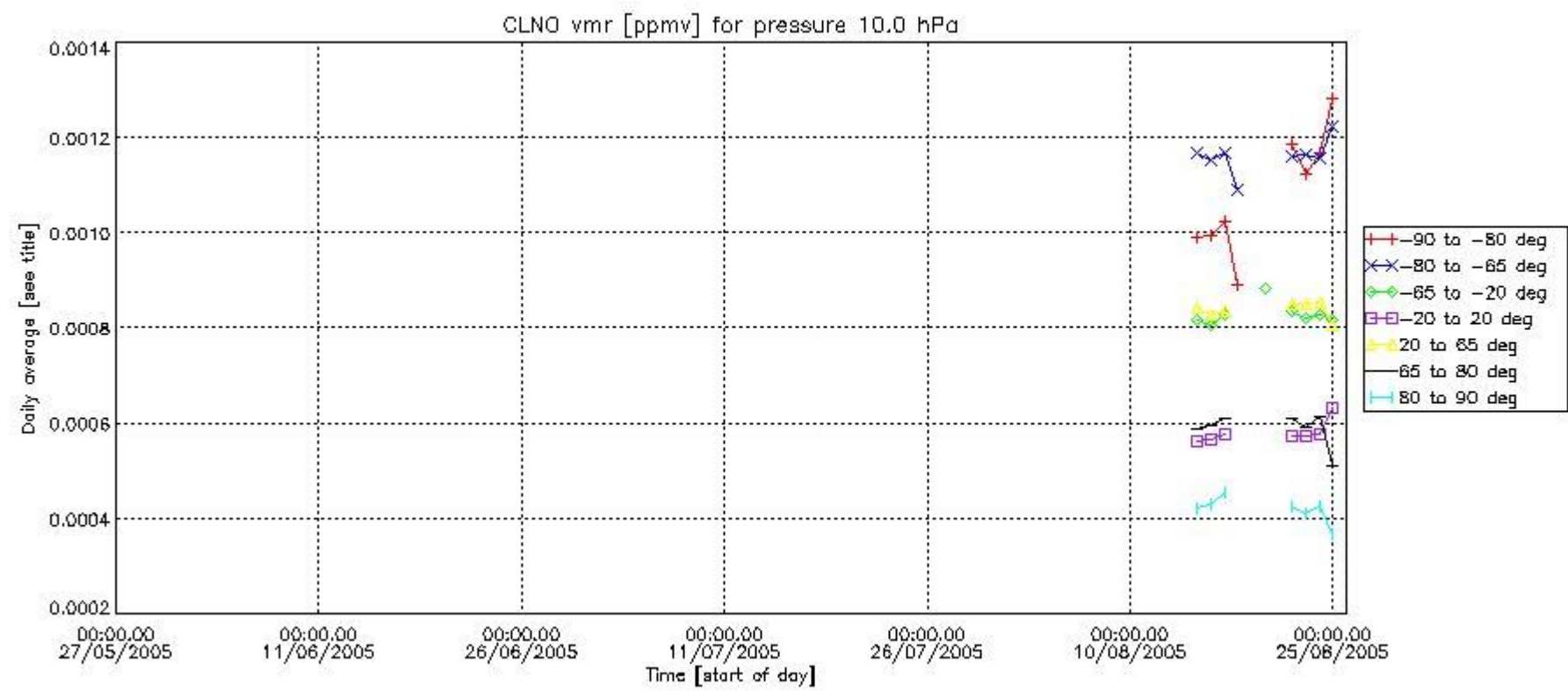
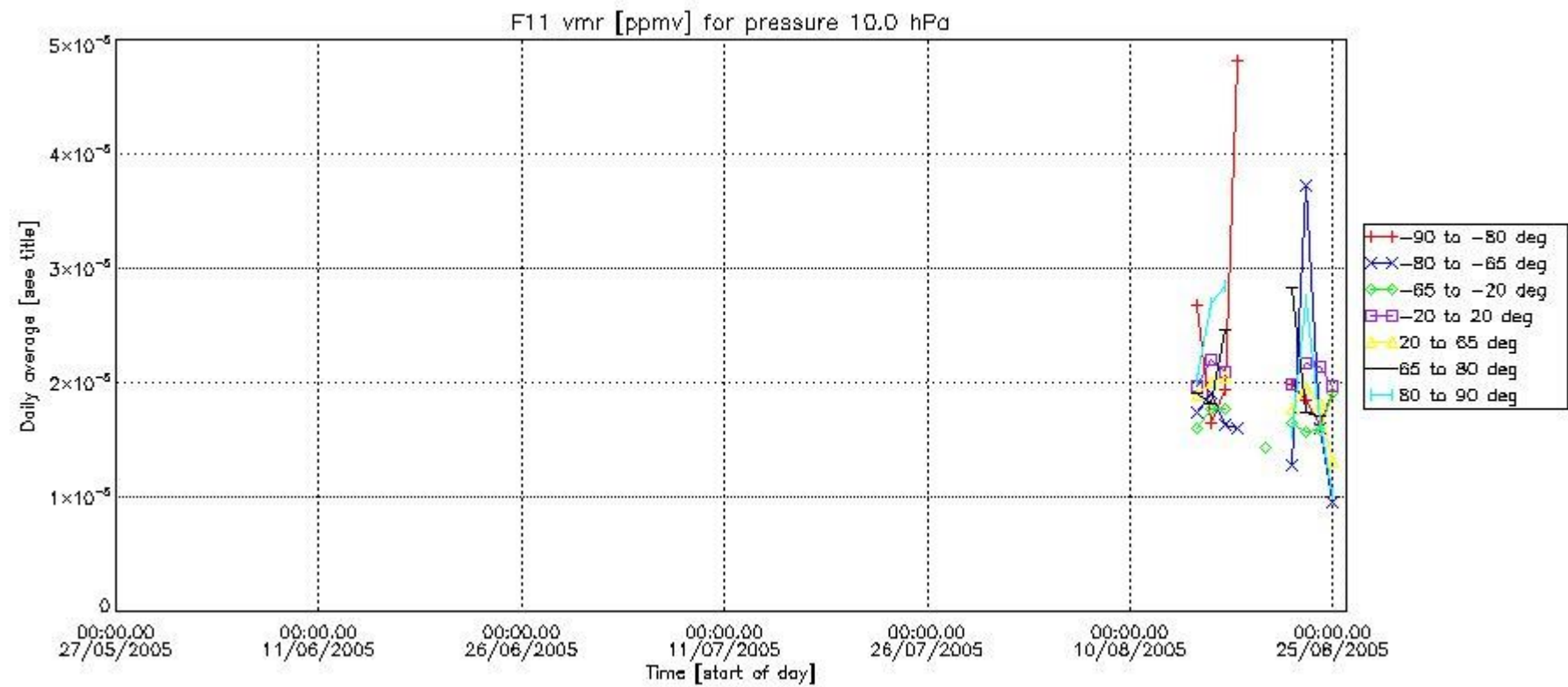


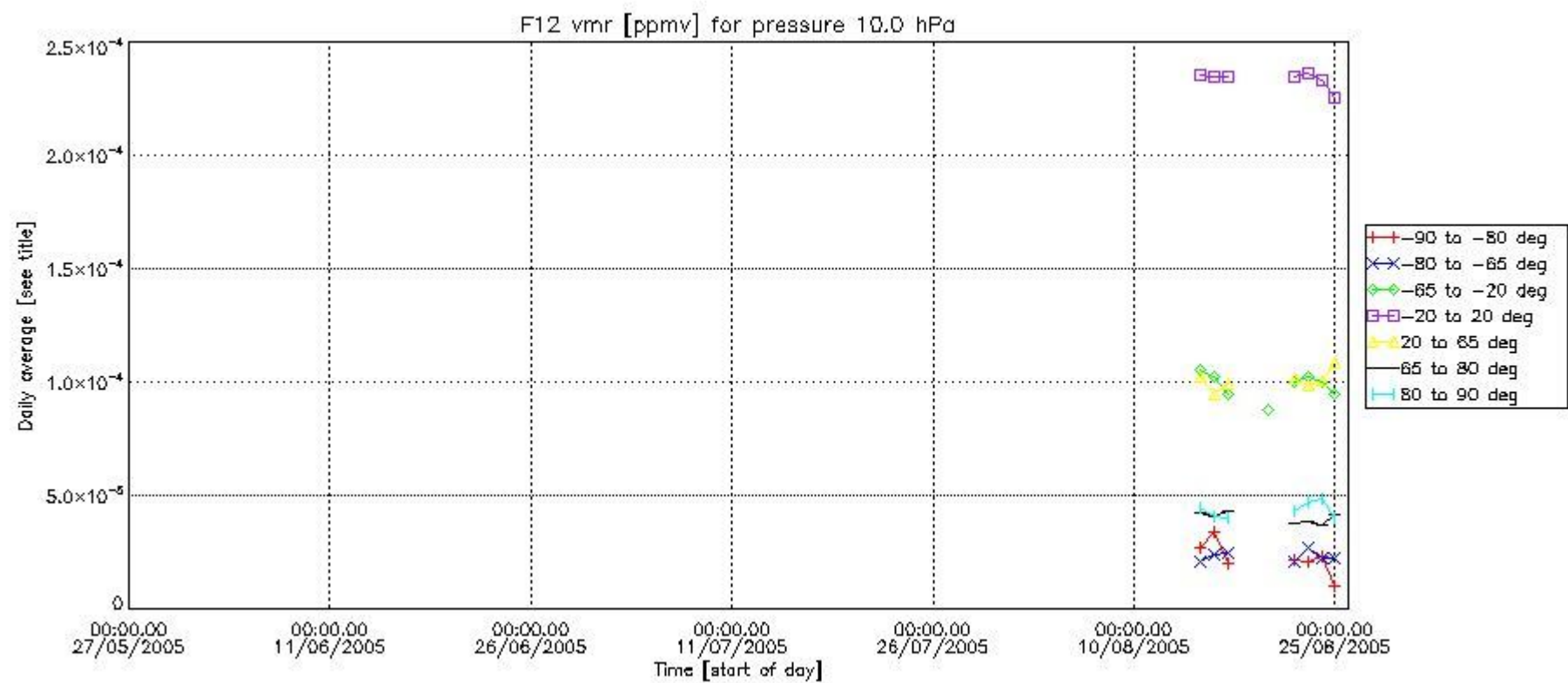
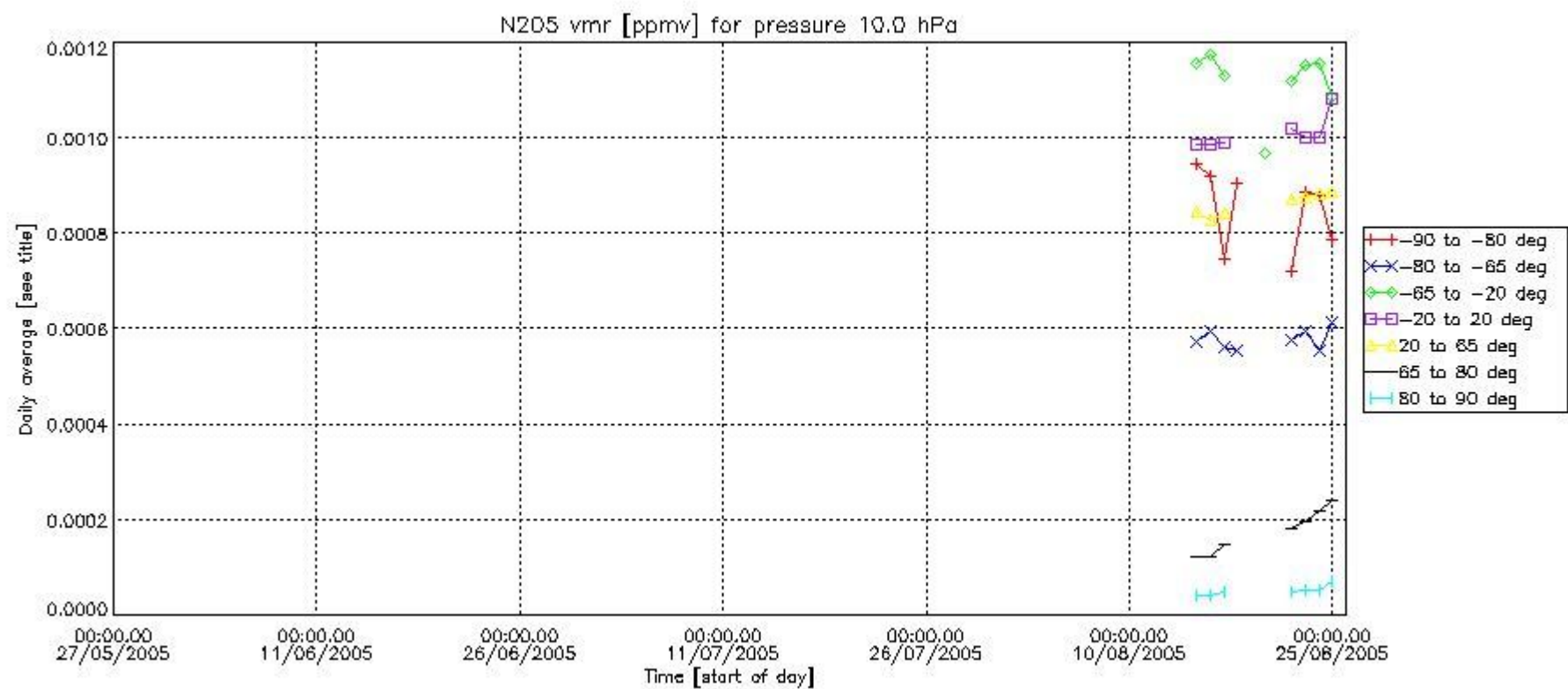




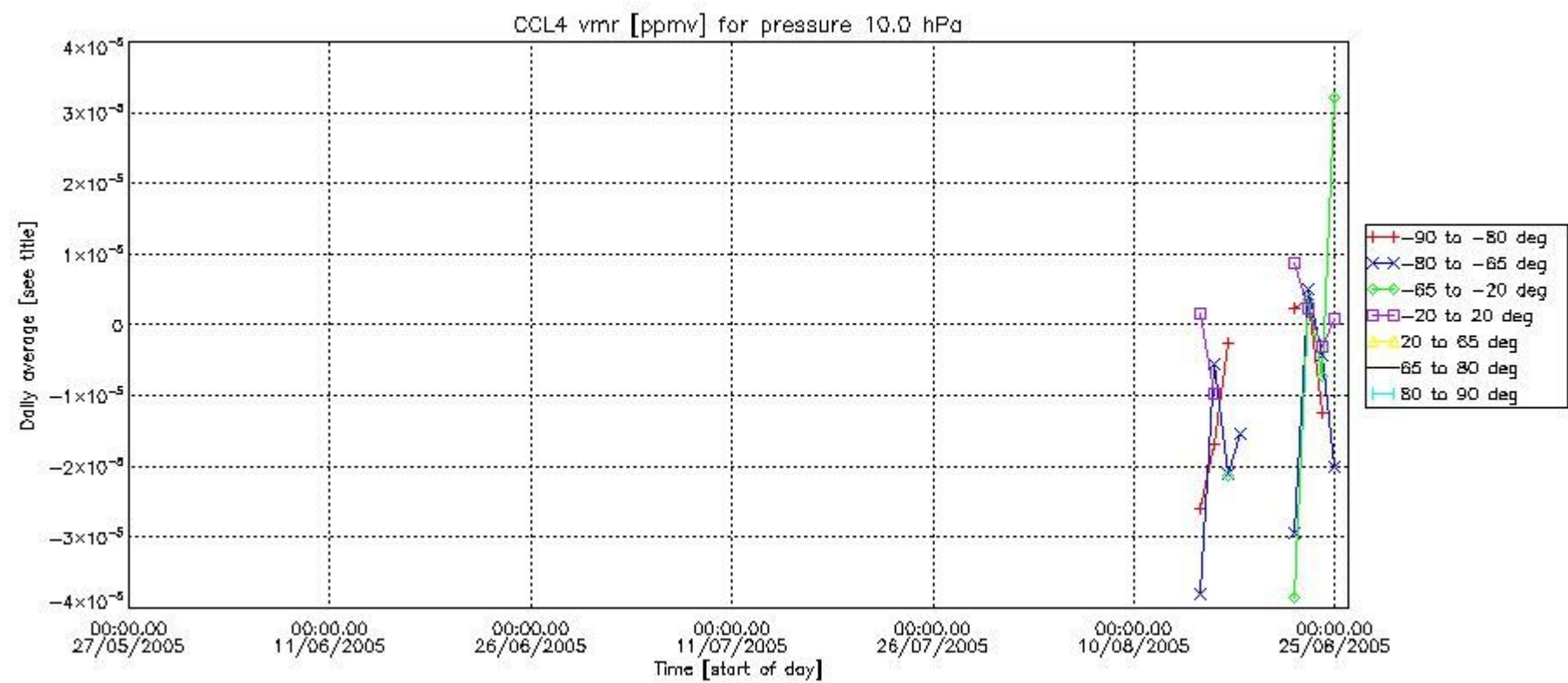
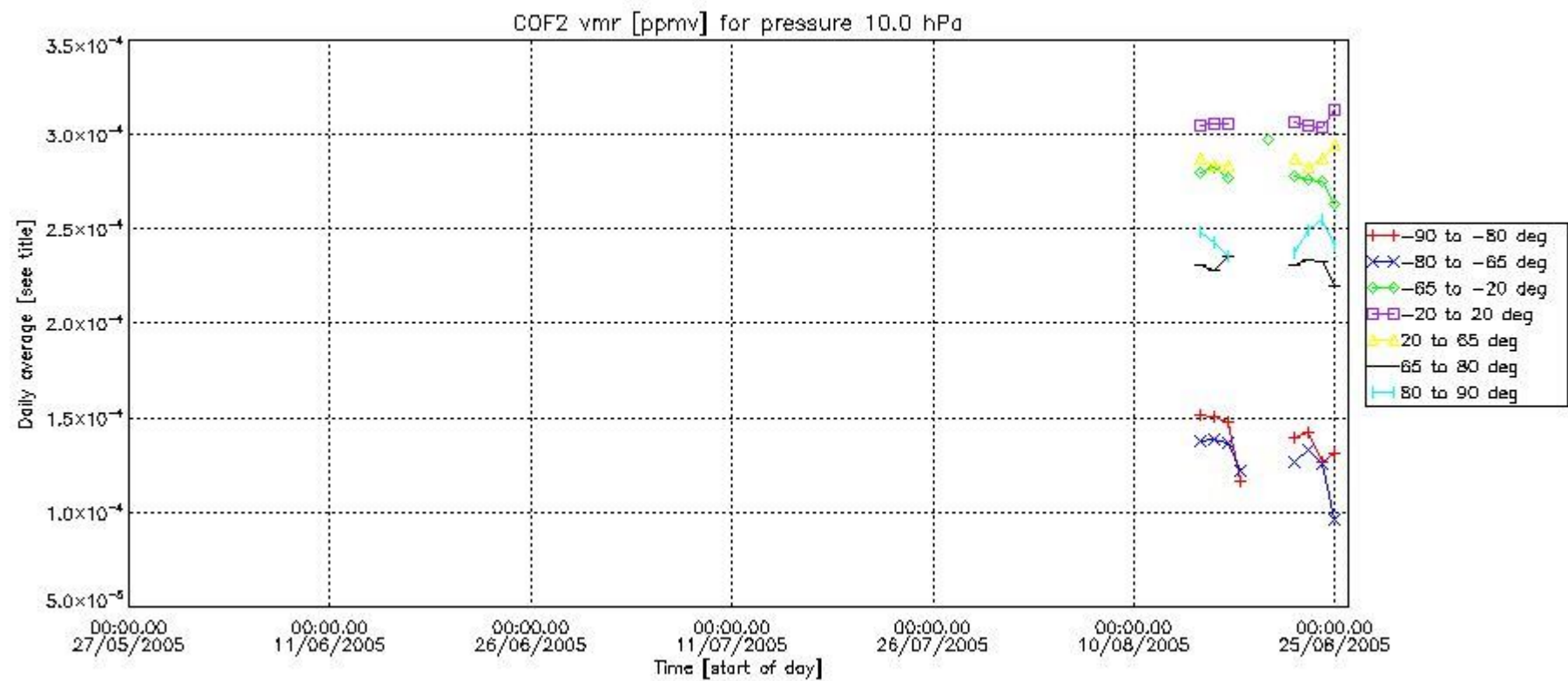


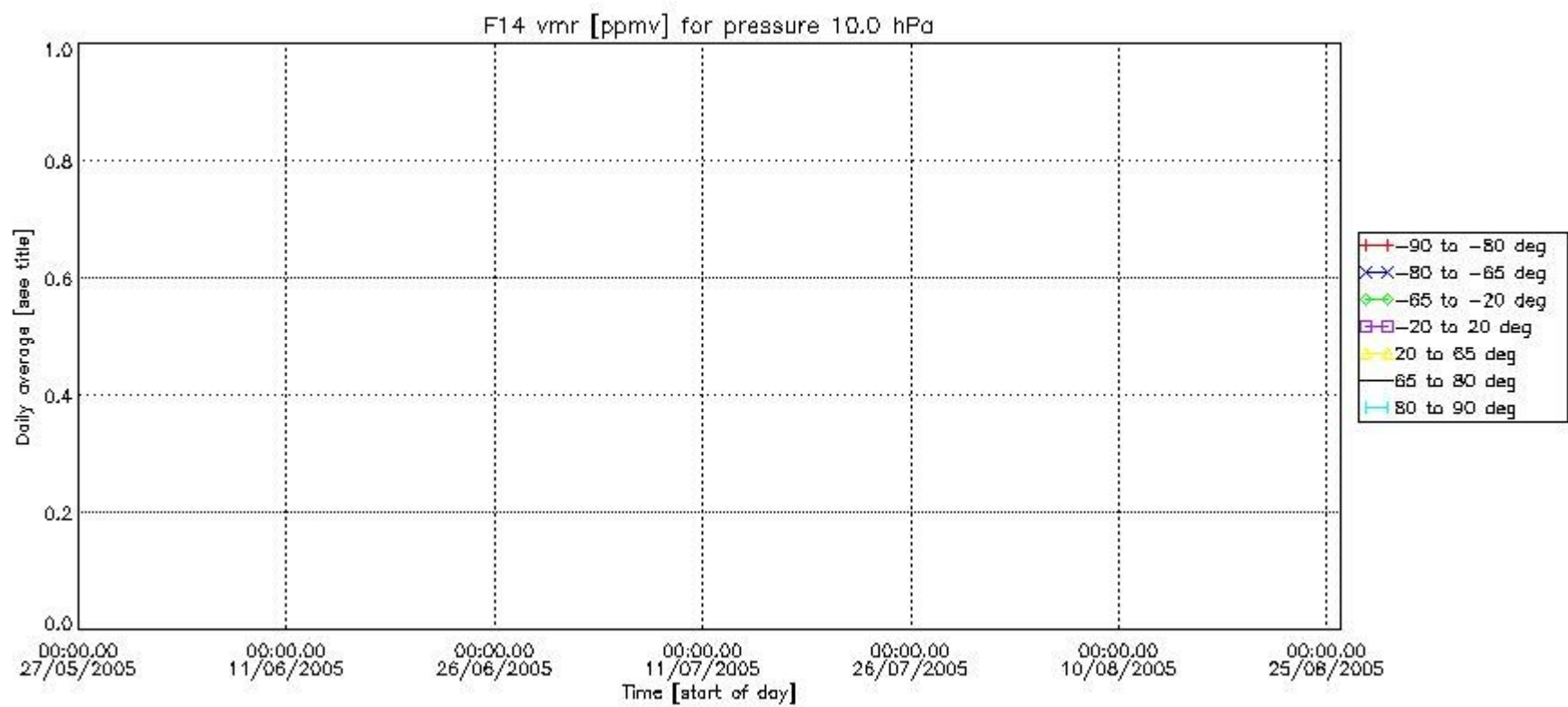
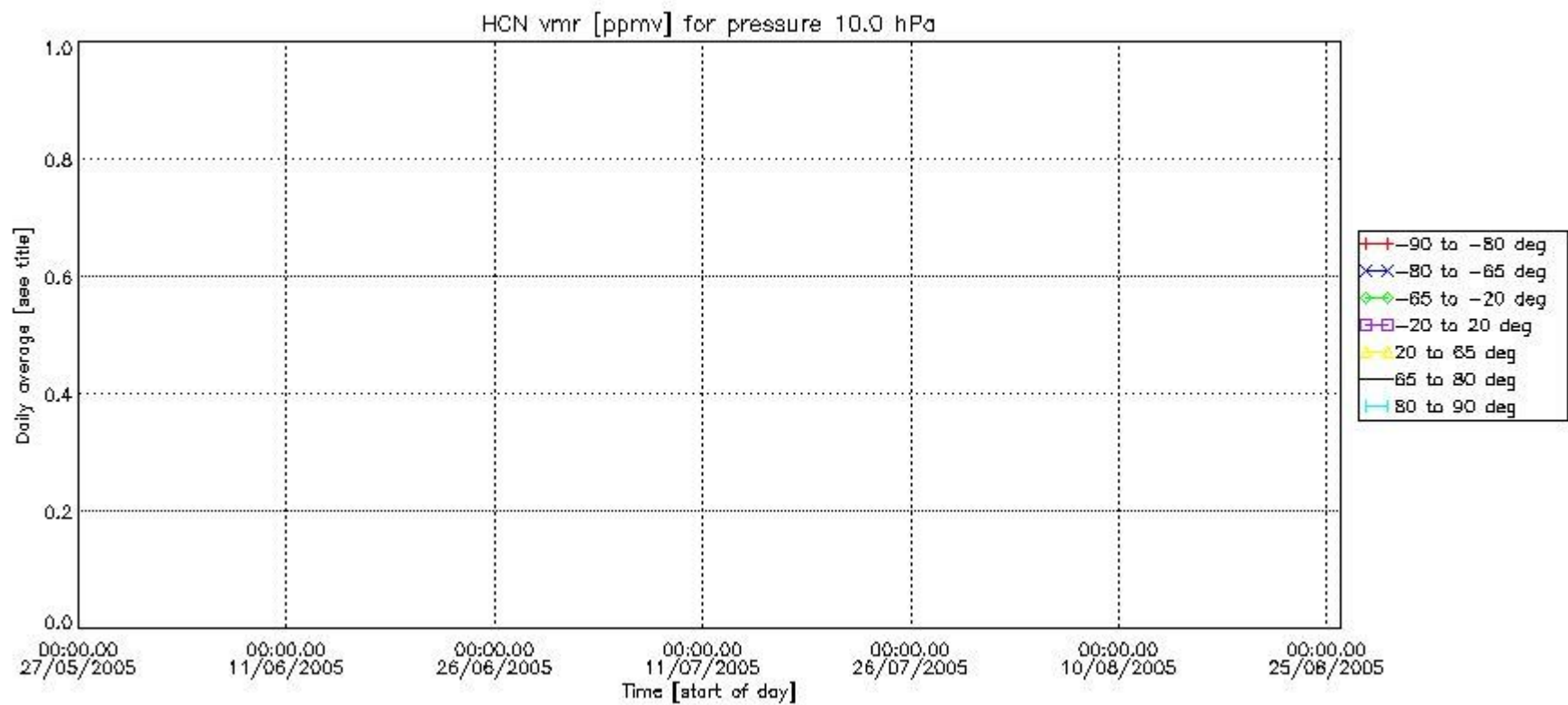


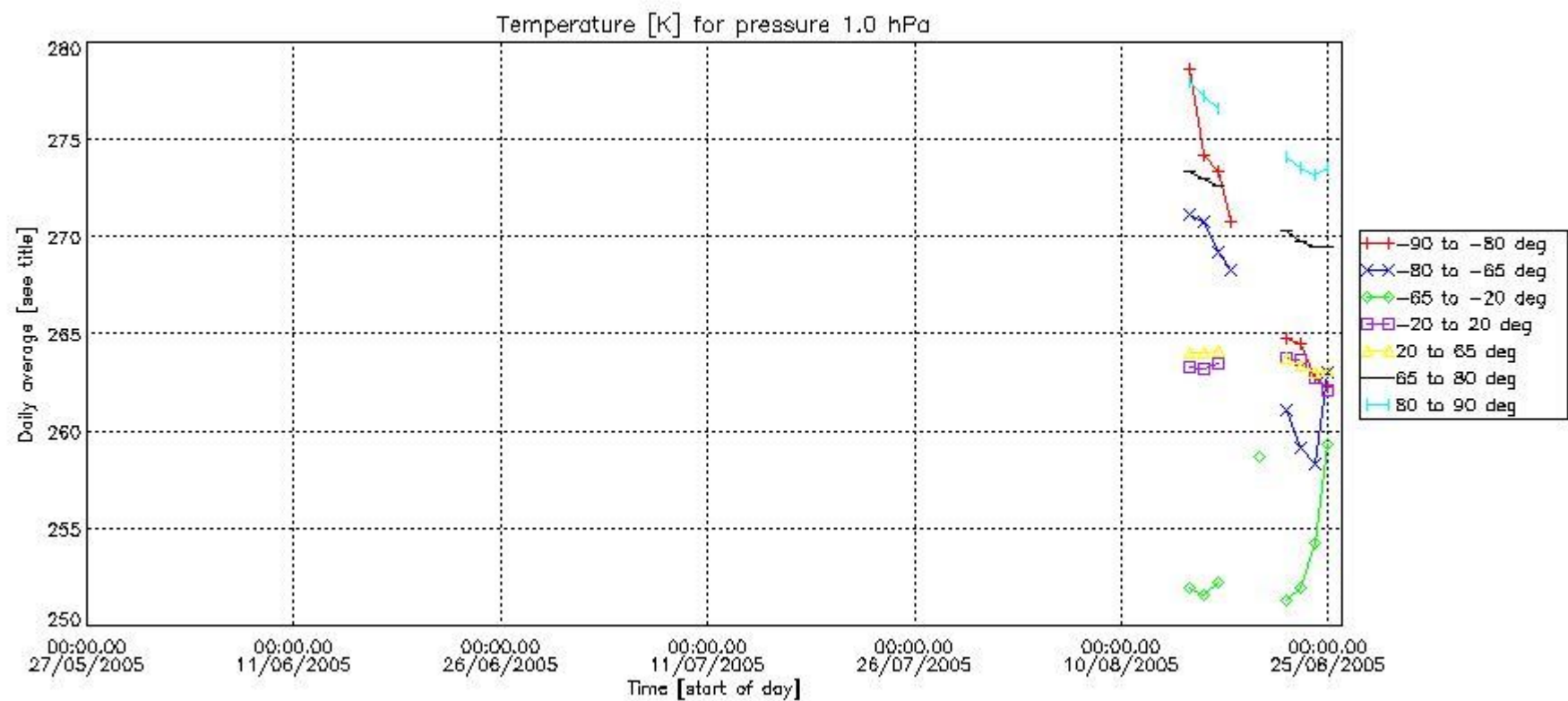
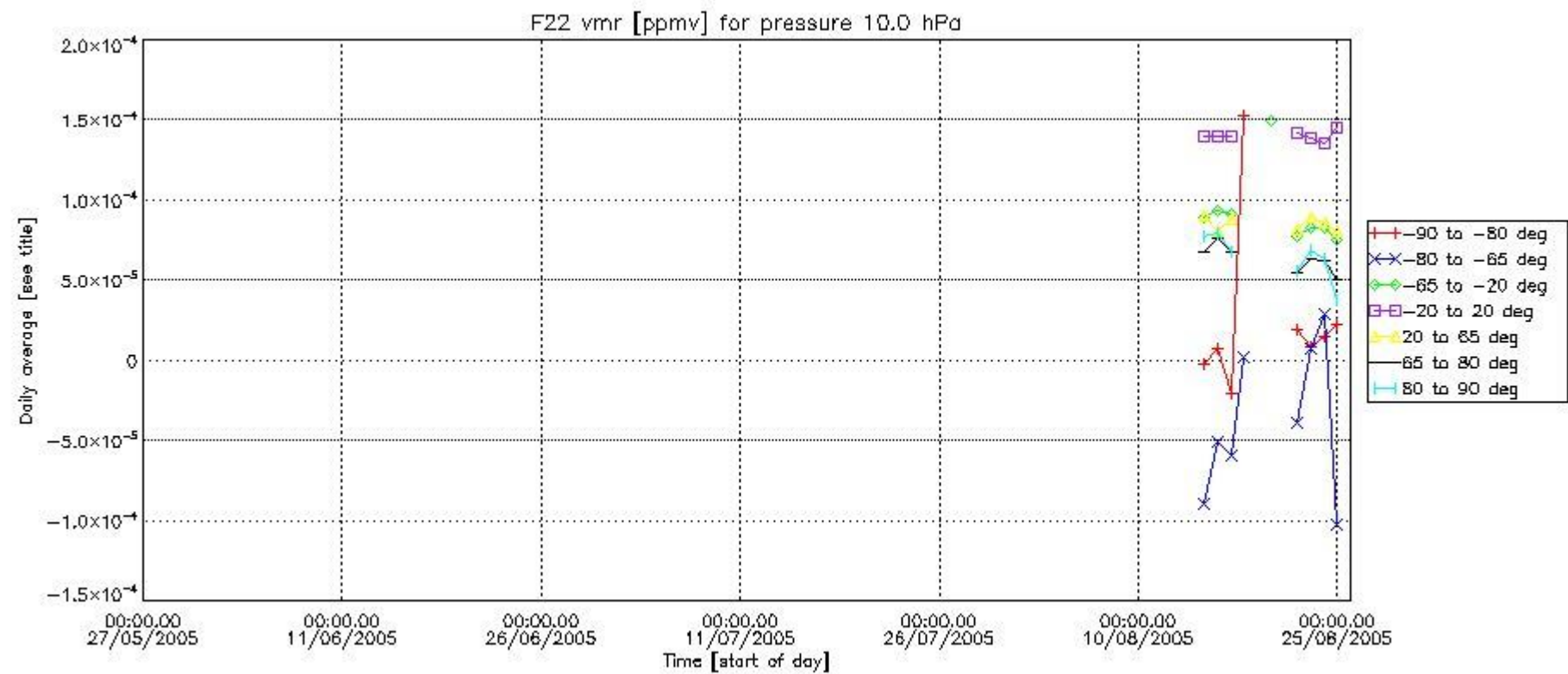


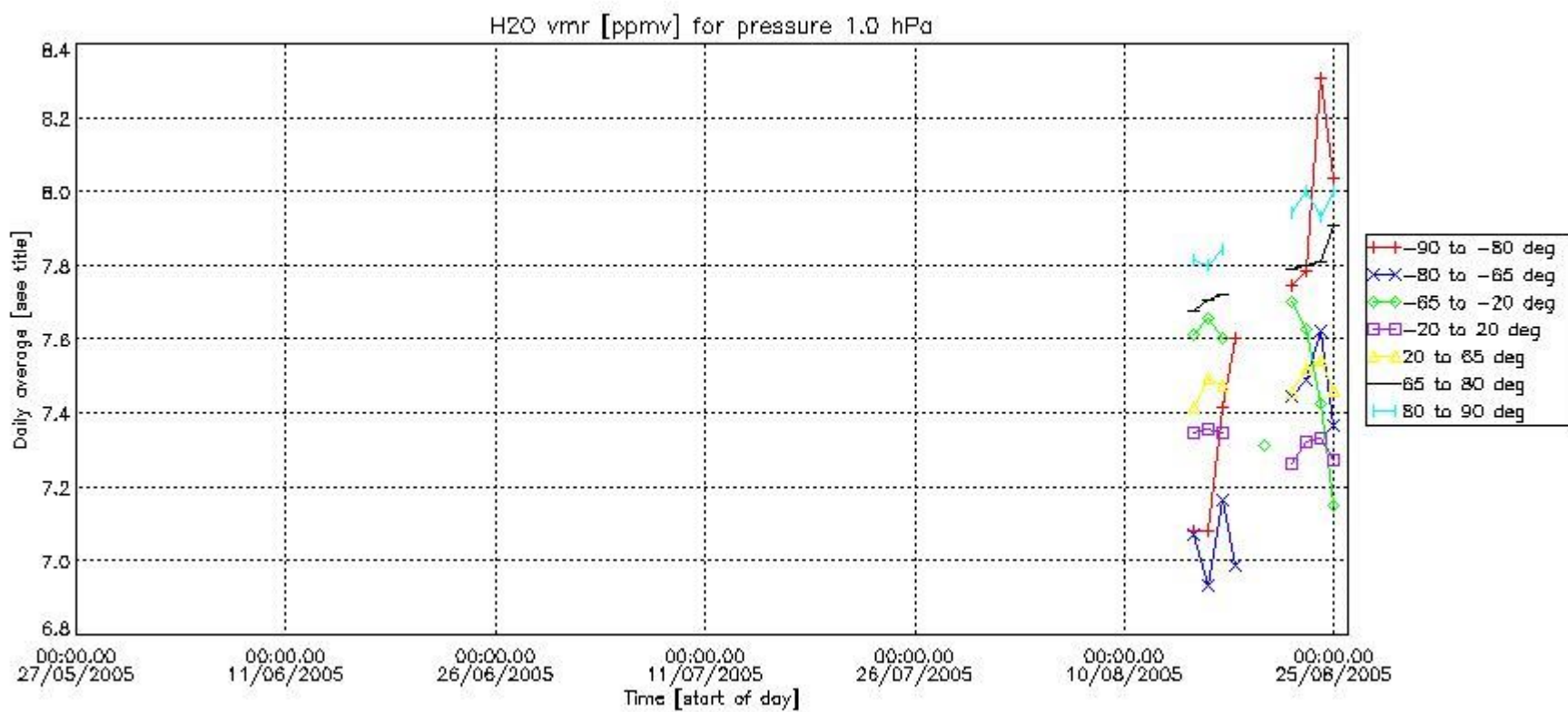
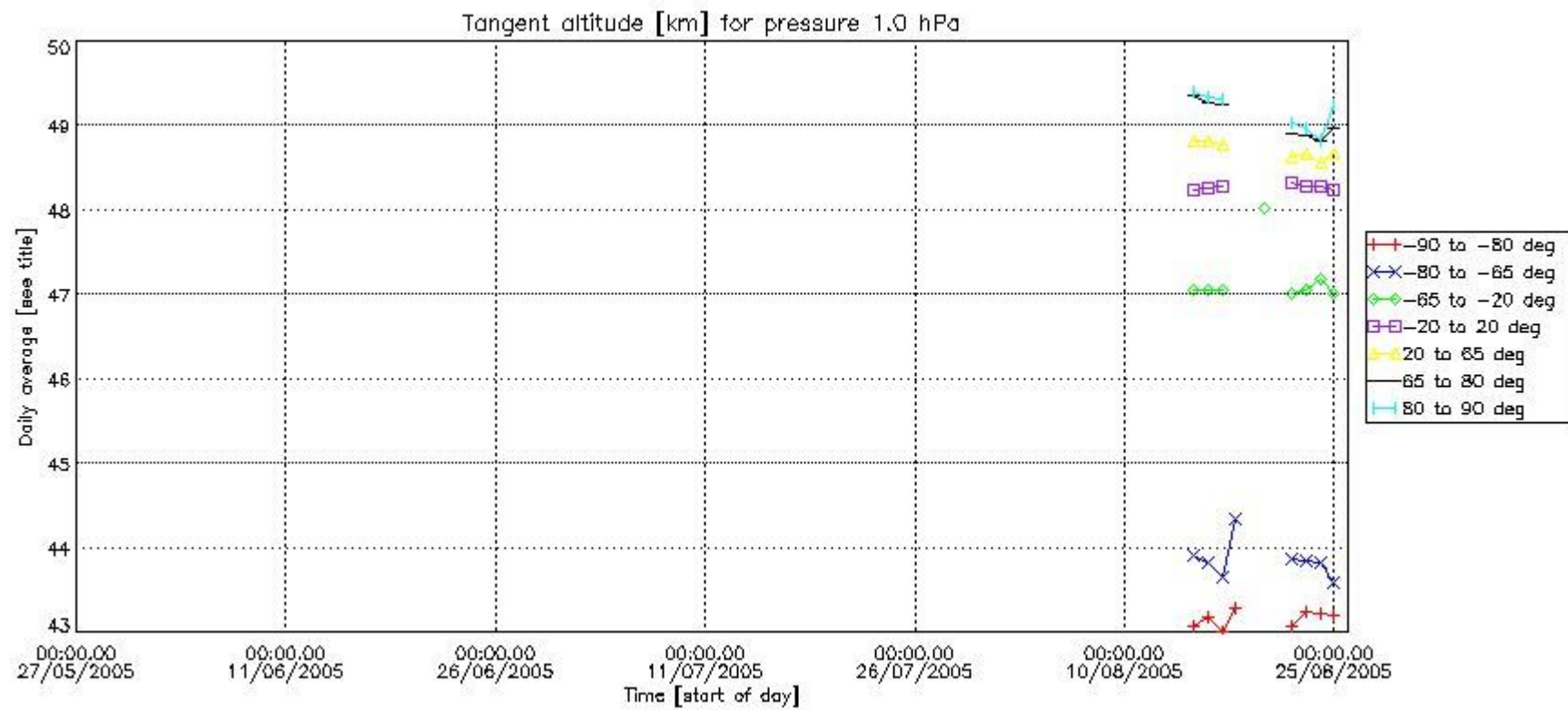




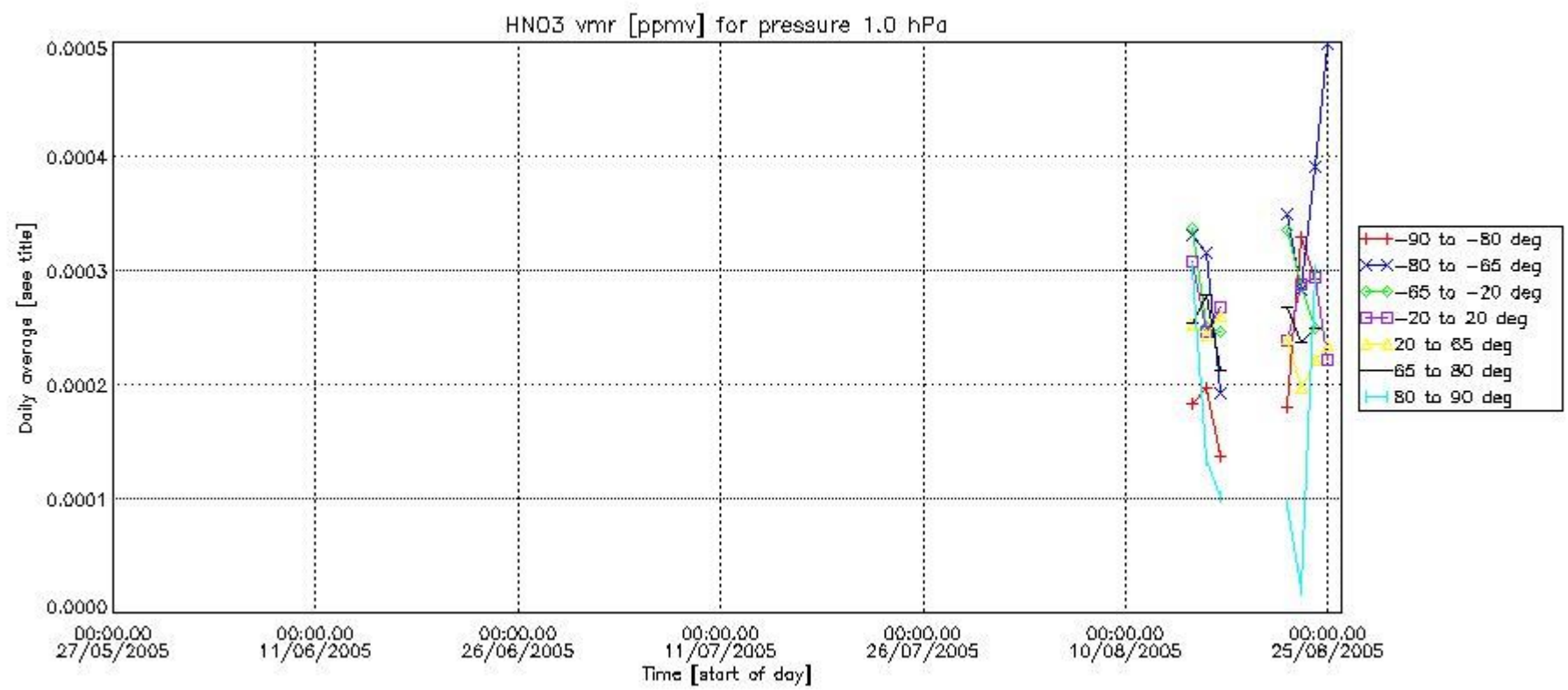
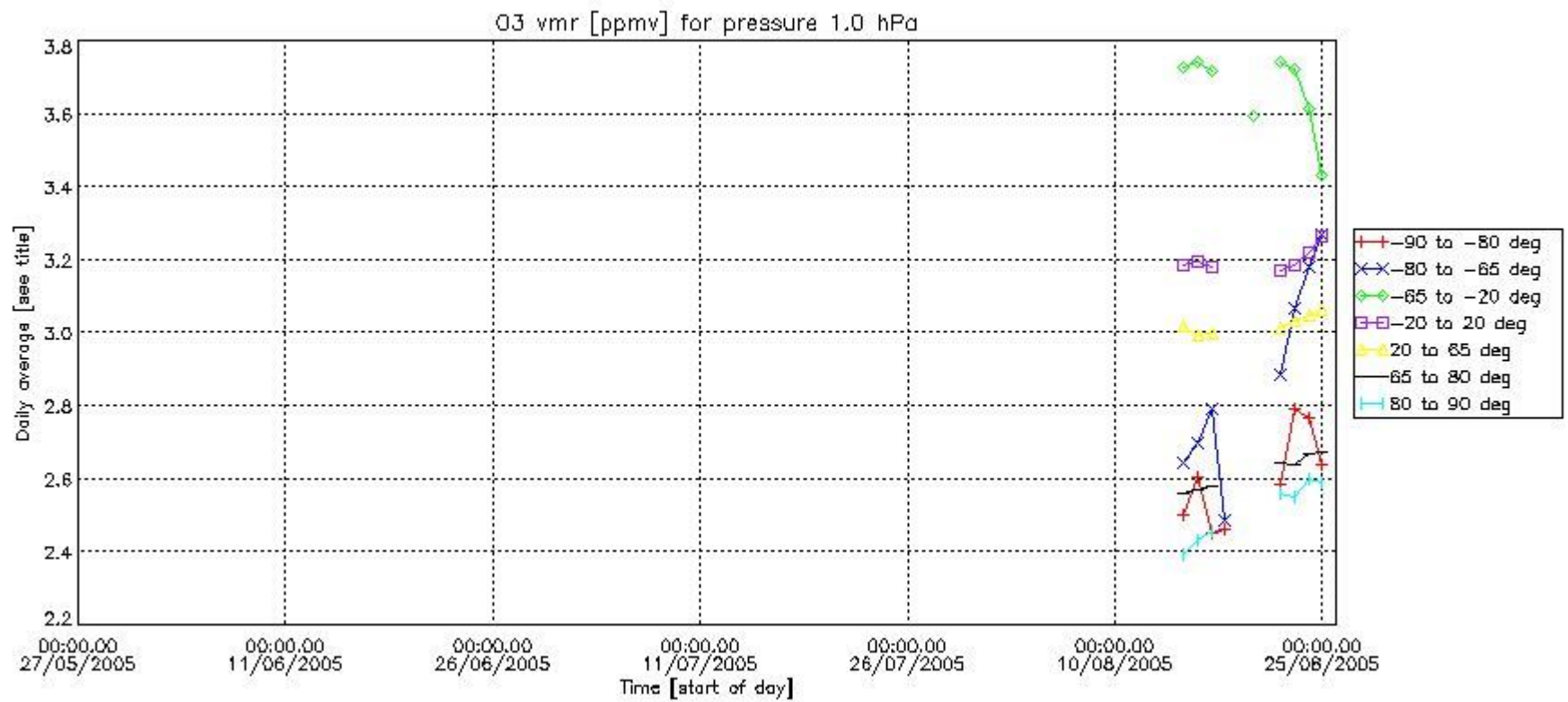


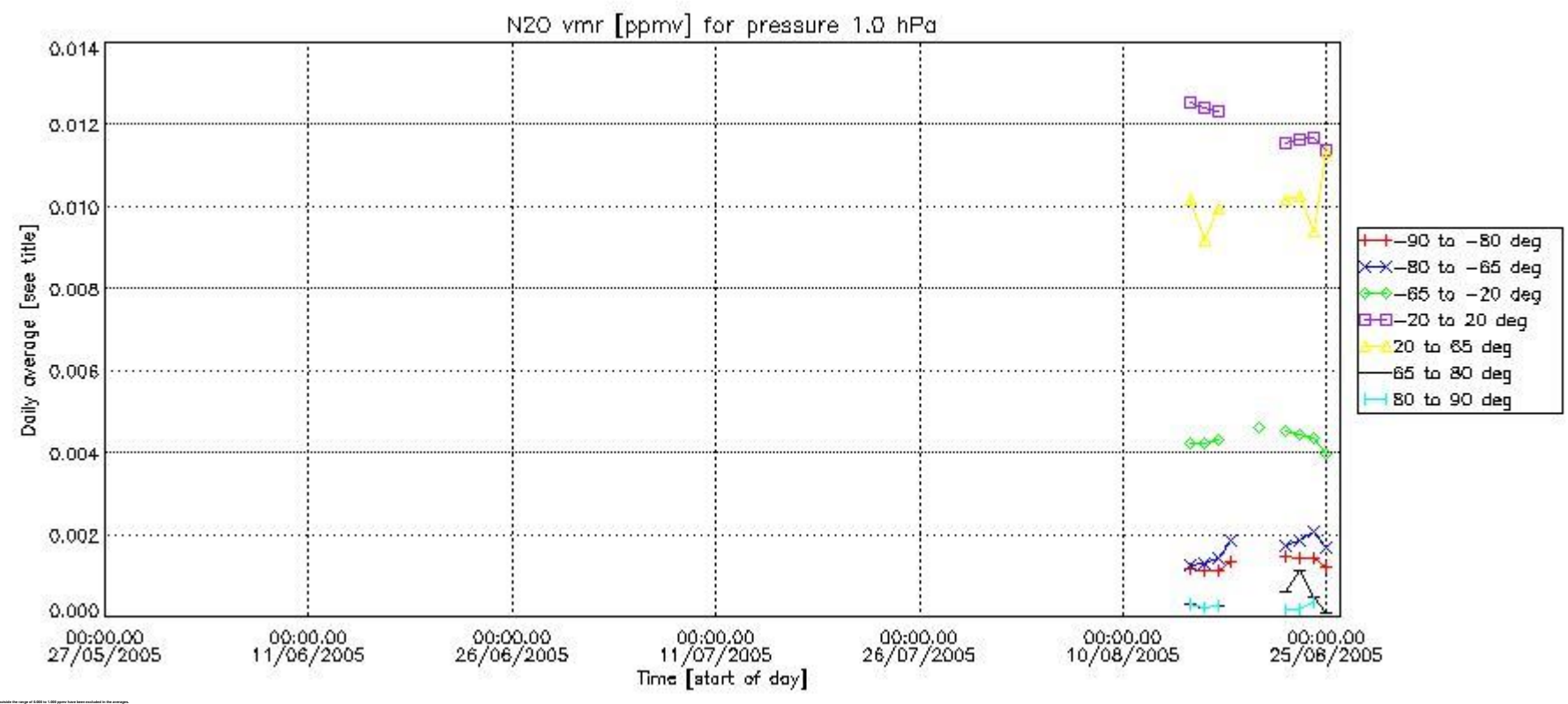
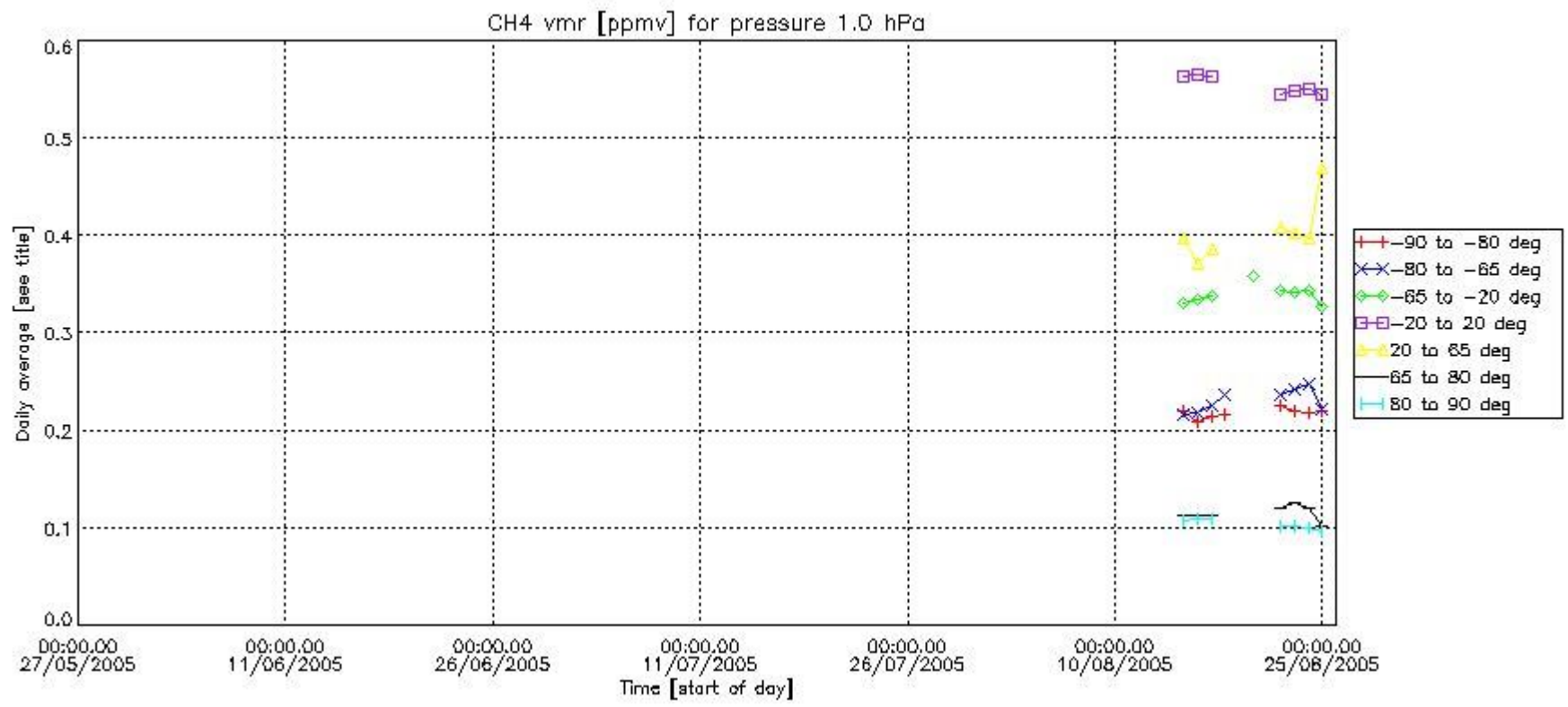


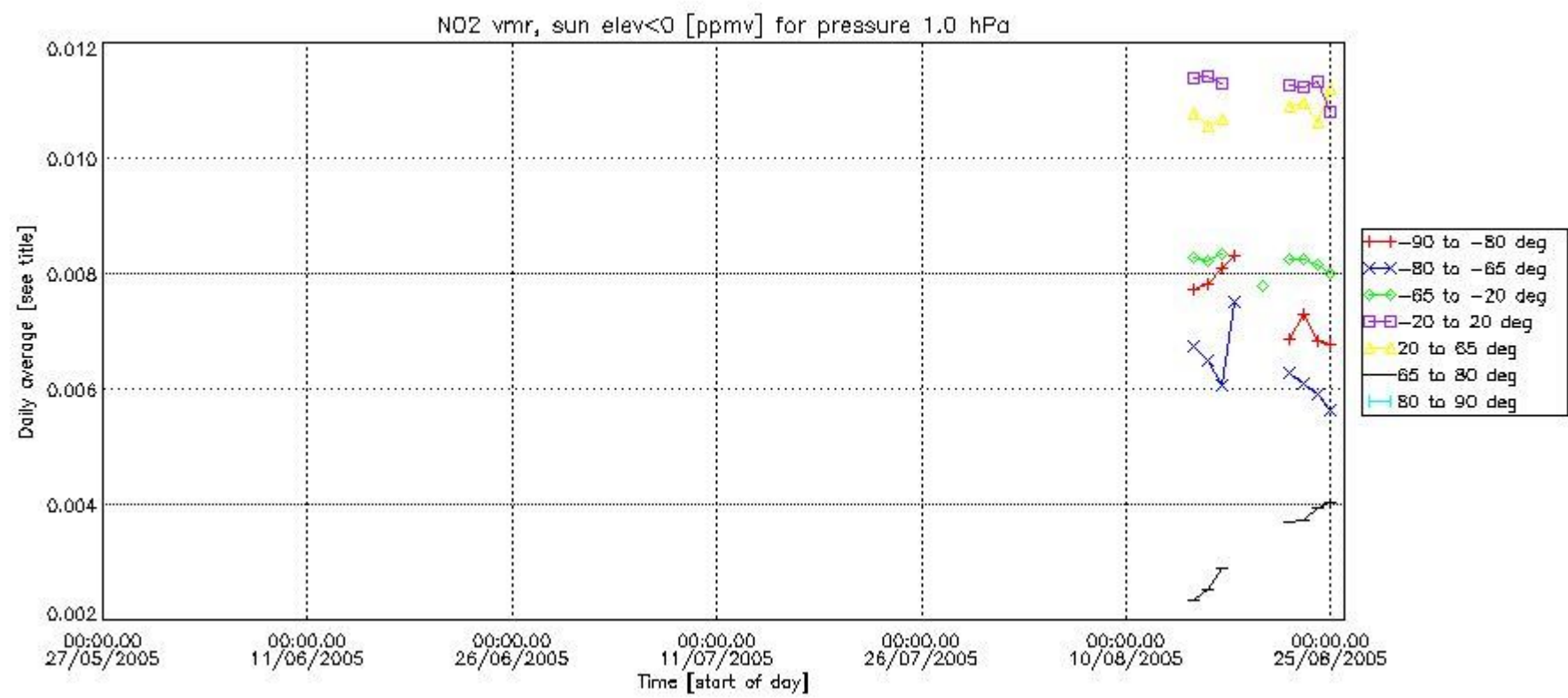
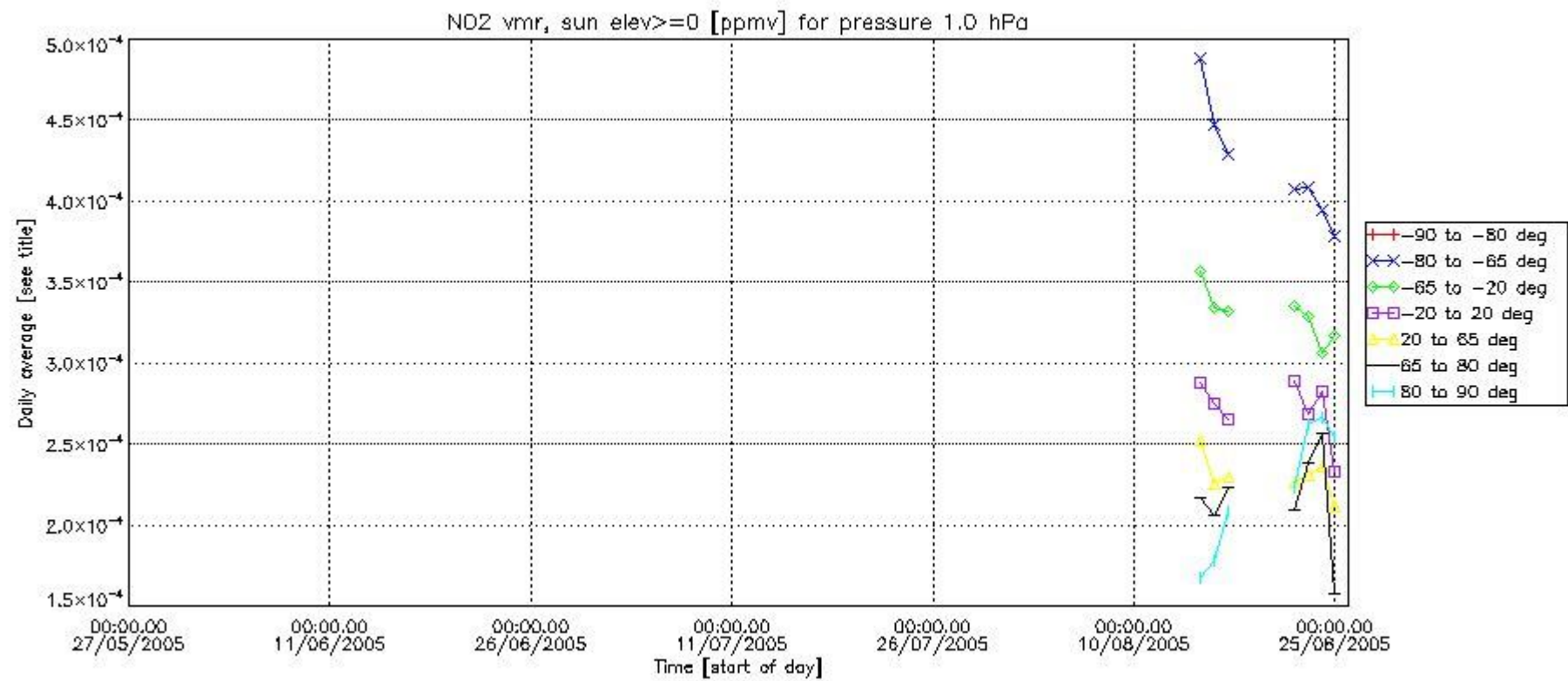


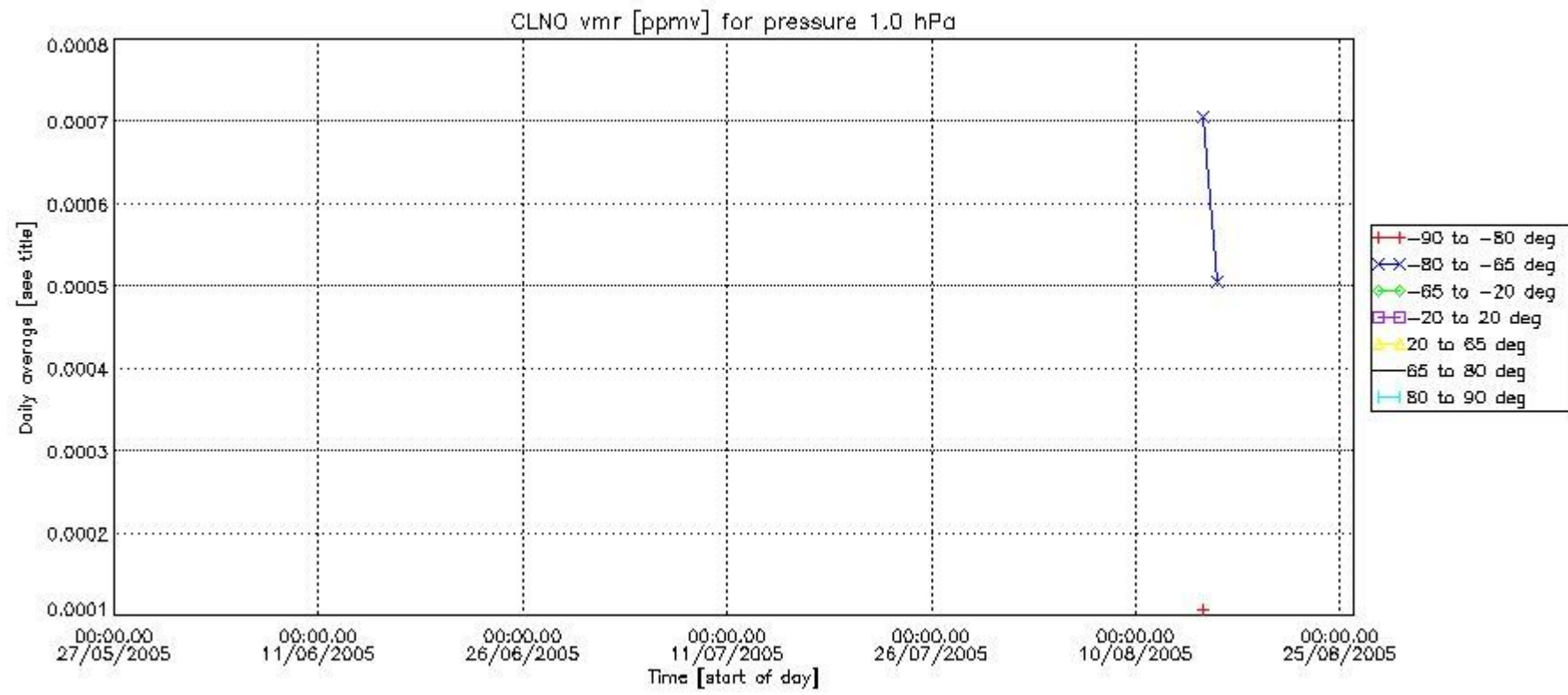
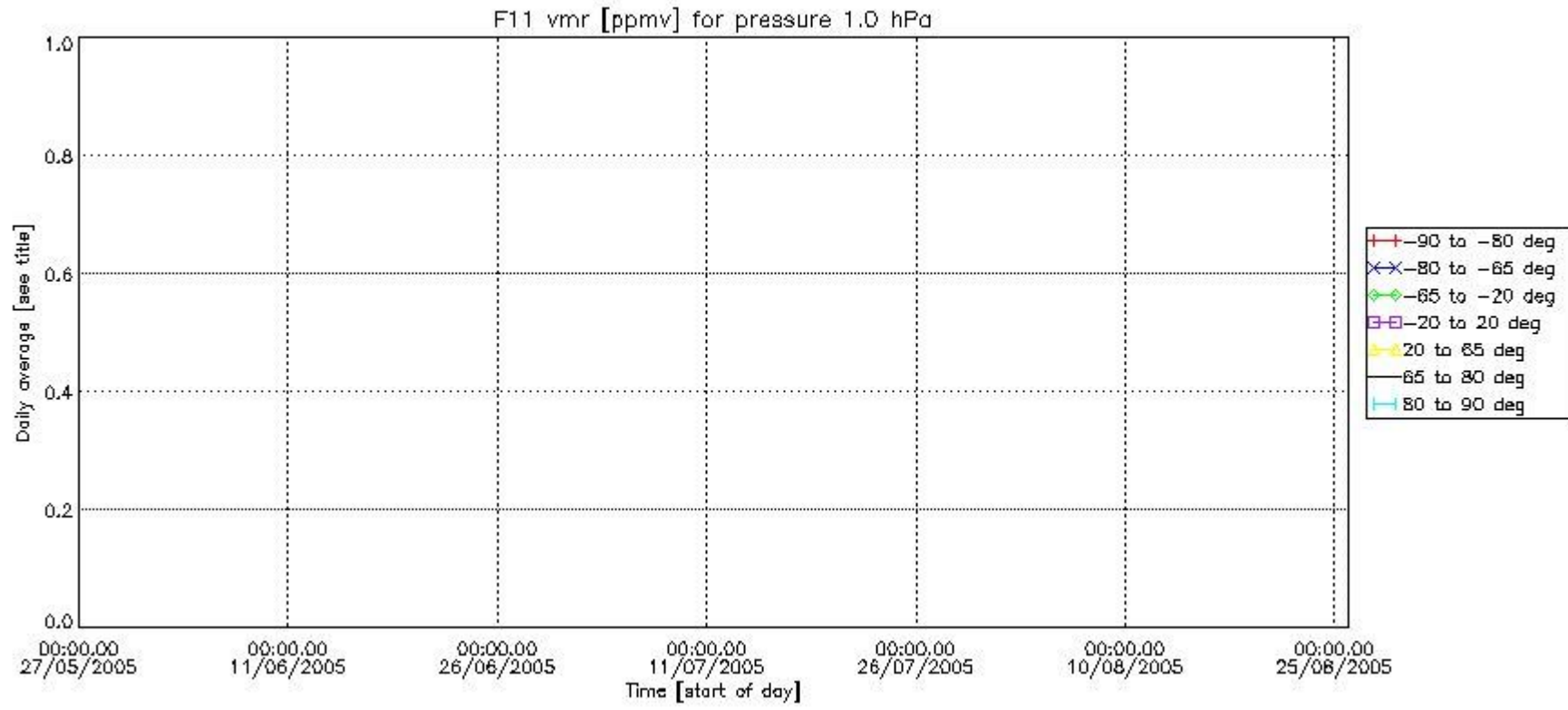




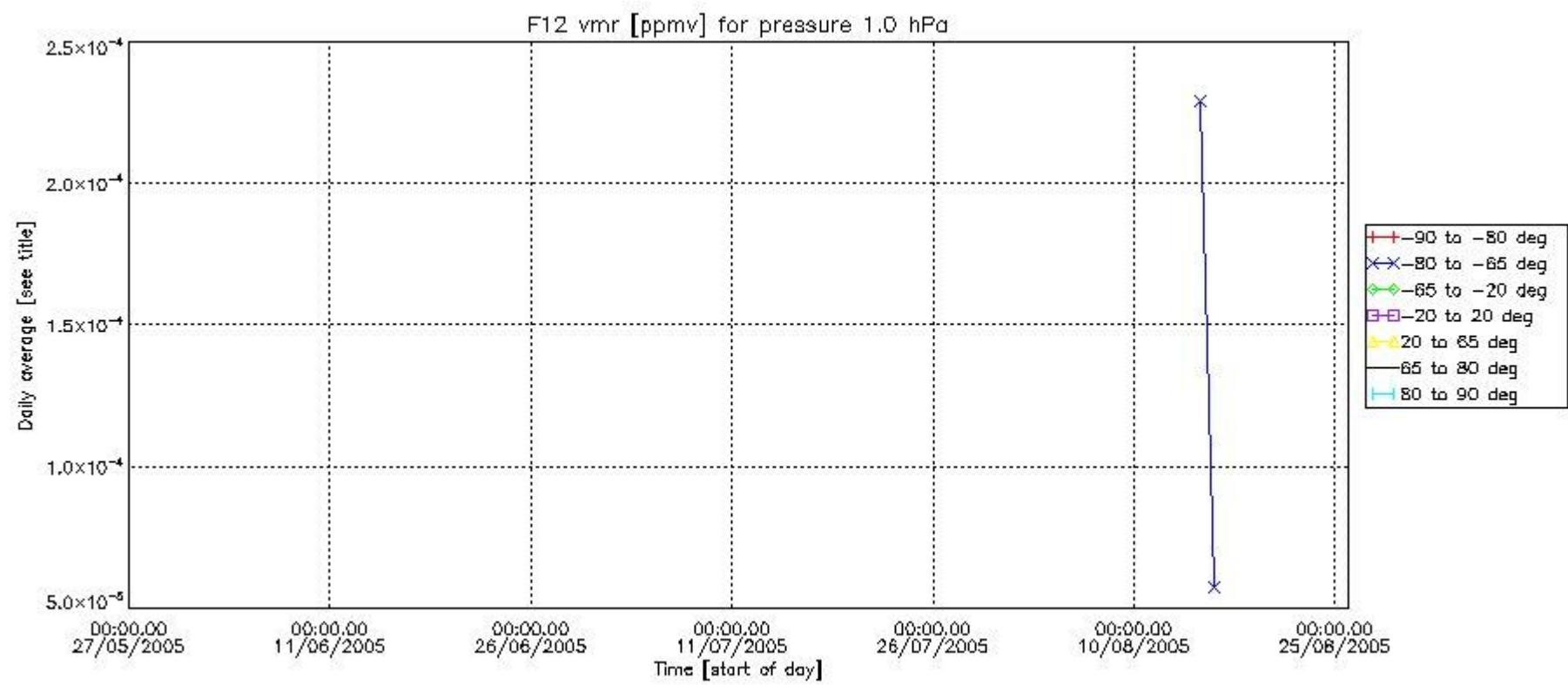
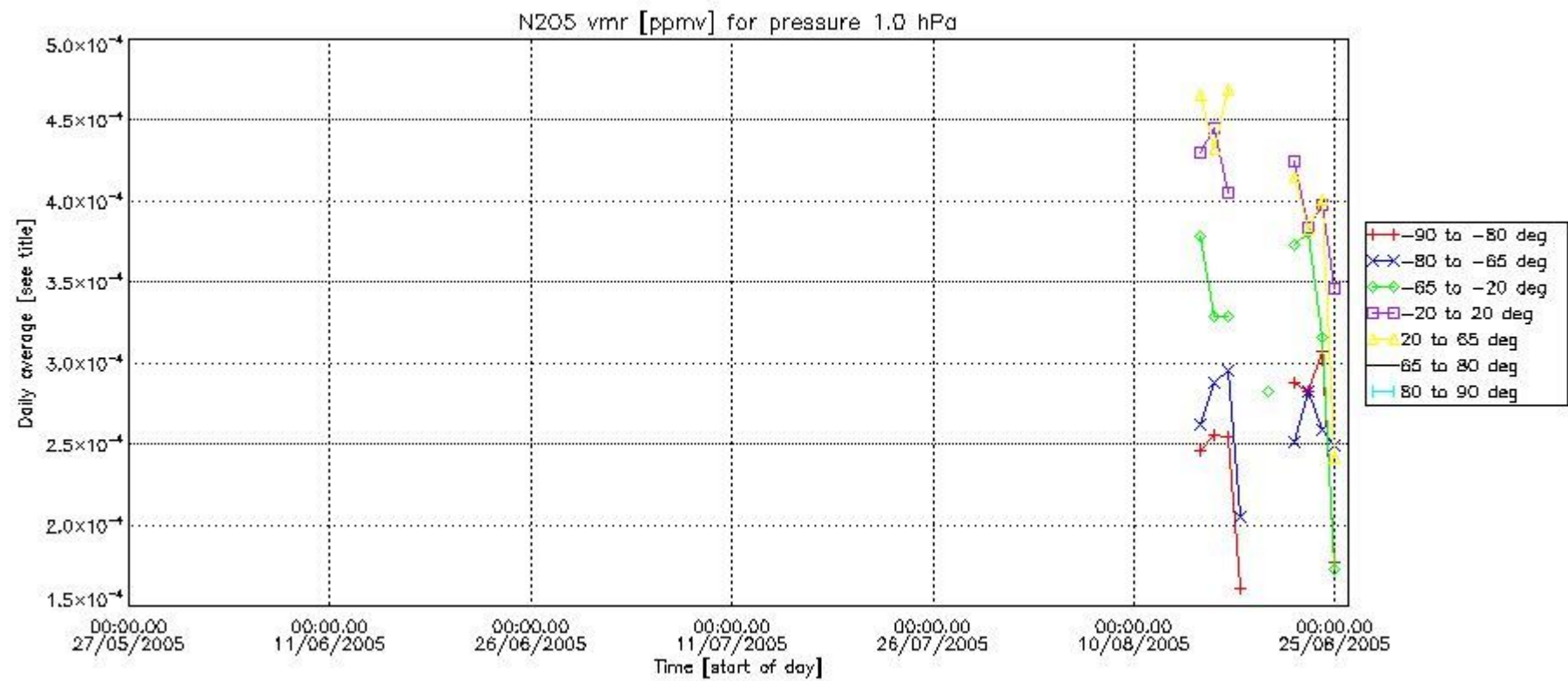


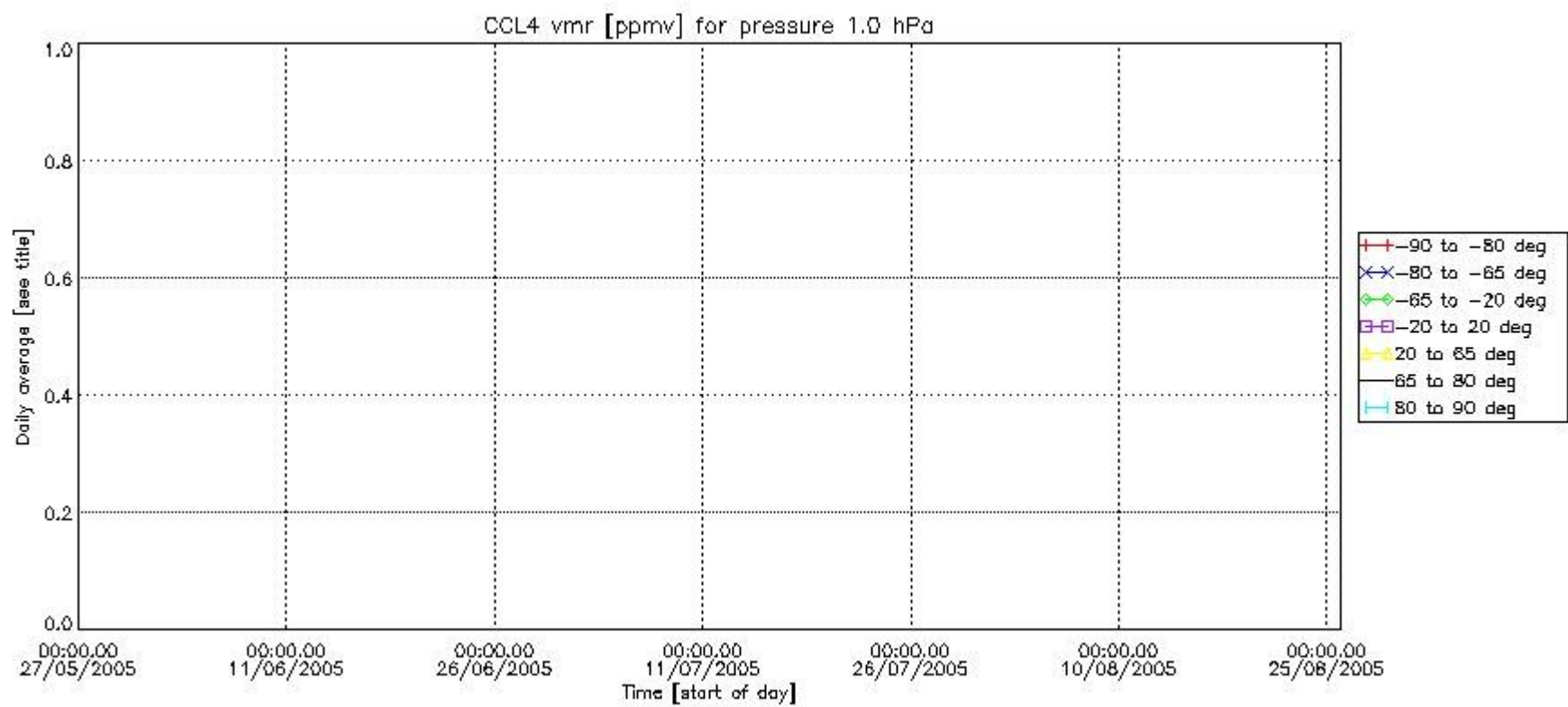
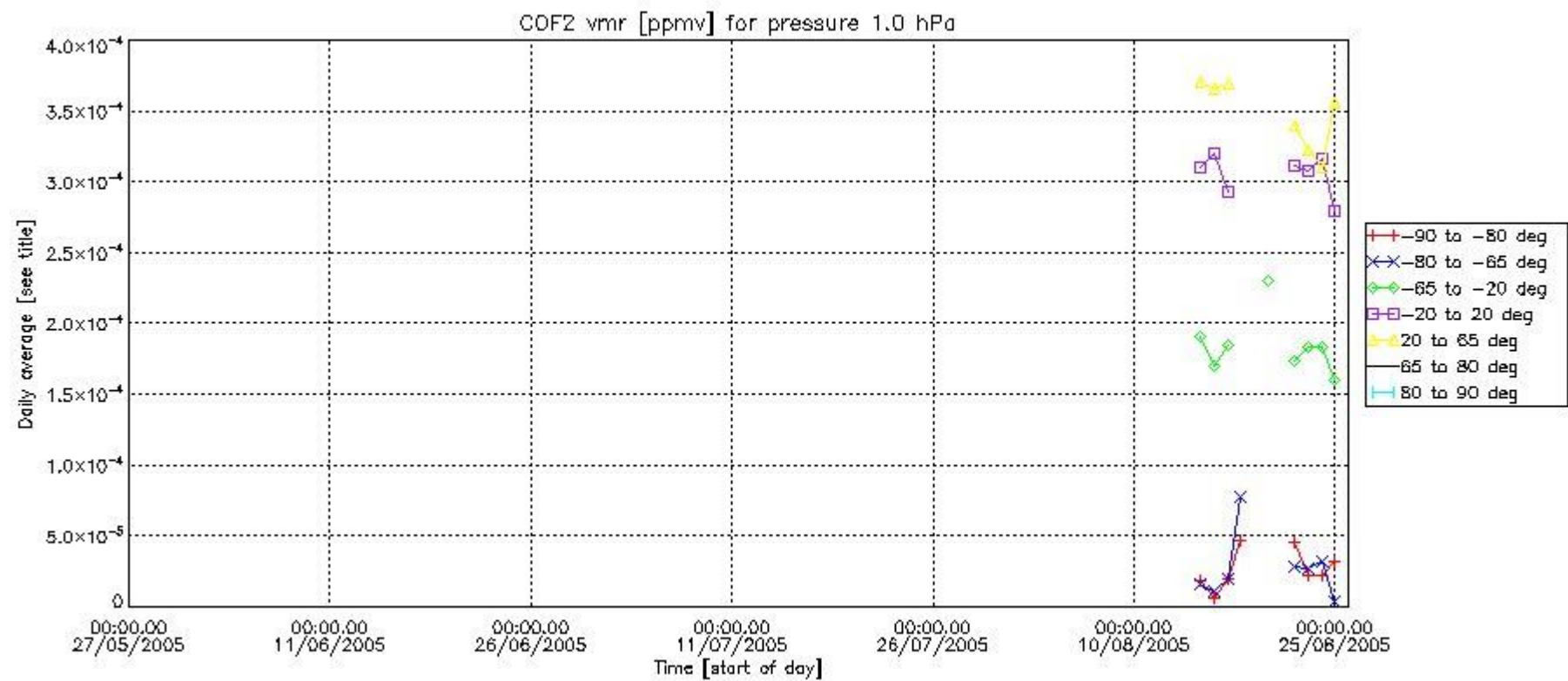


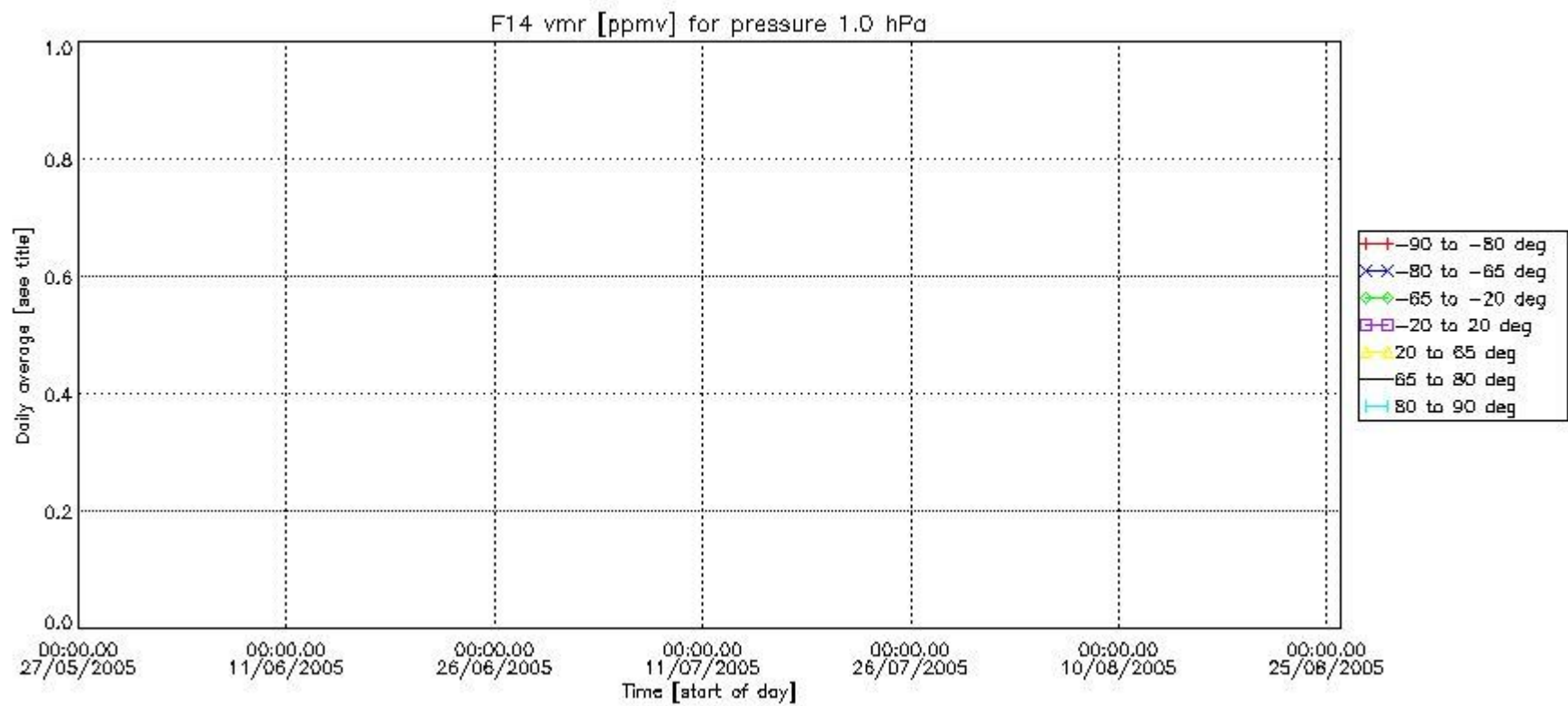
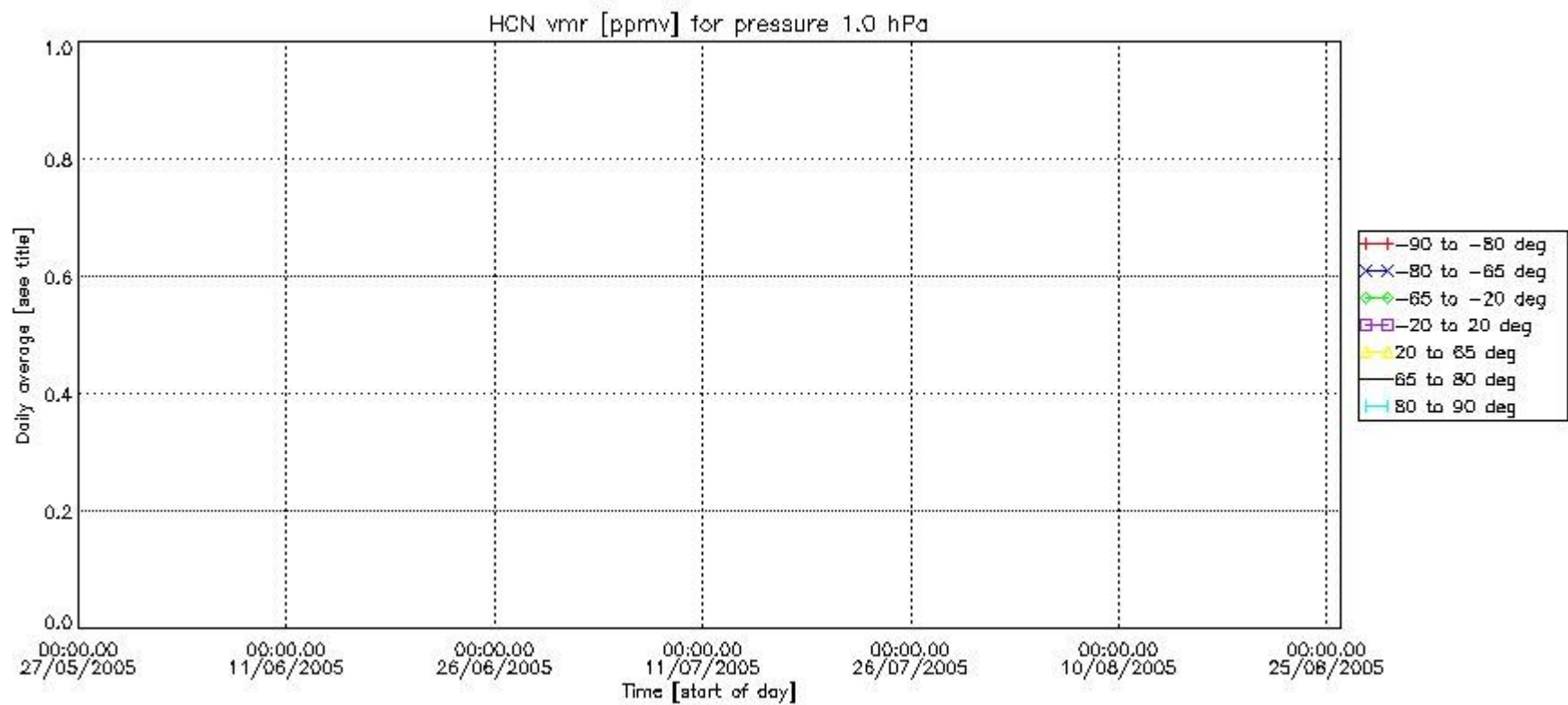


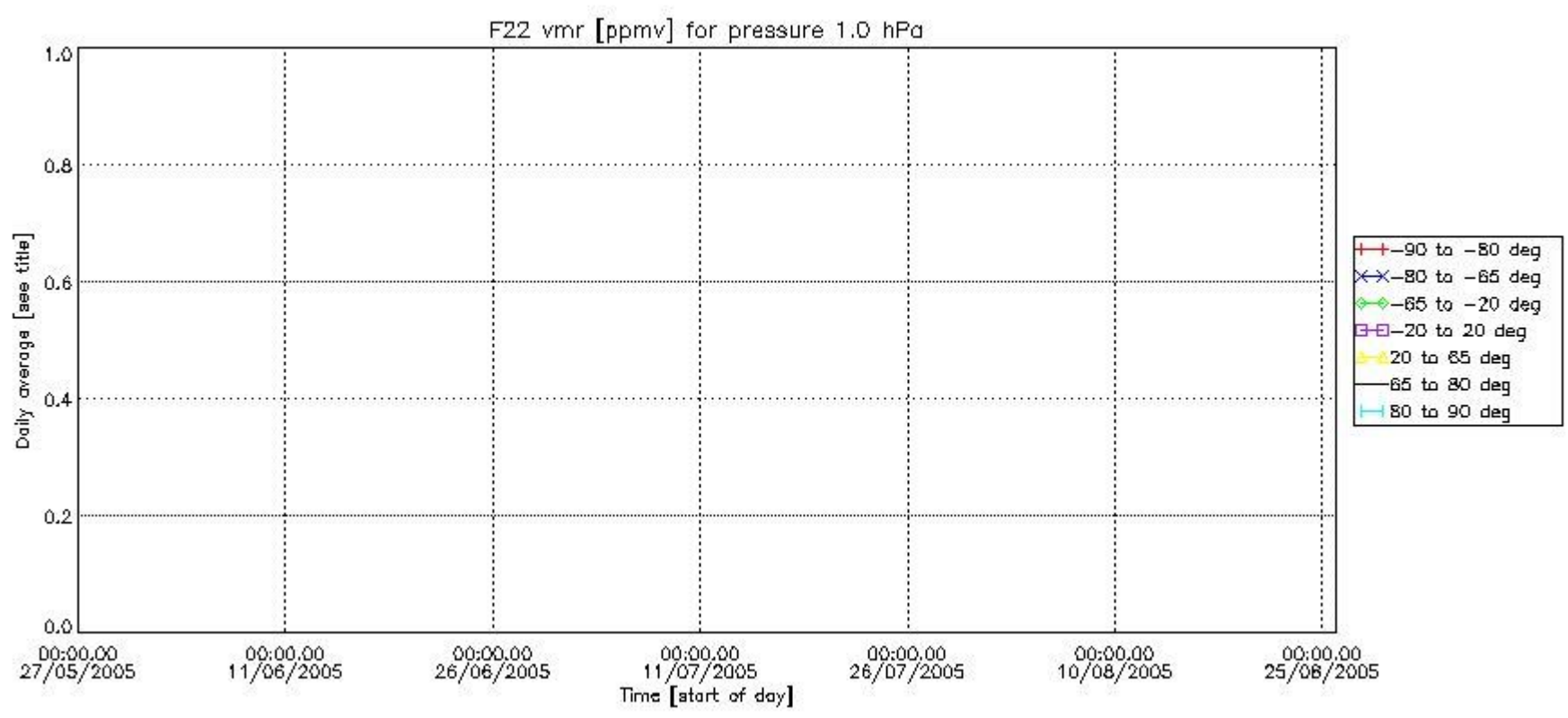














Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

