

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20051121.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 16:49:38
Data source version	ML2PP/7.03-W
Processing scope for products	21NOV2005 00:00:00 to 22NOV2005 00:00:00
Start time of first product within scope	21NOV2005 00:36:11
Stop time of last product within scope	21NOV2005 13:00:01
Total number of level 2 products	3
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__2PWDSI20051121_003611_000057722042_00389_19481_1000.N1	21NOV2005 00:36:11	21NOV2005 02:12:23	0	127/127	VMR_TERM_MACRO_MICRO[F14/macro:2; CH4/micro:1; HCN/micro:1]
1	MIP_NL__2PWDSI20051121_021313_000005202042_00390_19482_1000.N1	21NOV2005 02:13:13	21NOV2005 02:21:53	0	12/12	
2	MIP_NL__2PWDSI20051121_122022_000023782042_00396_19488_1000.N1	21NOV2005 12:20:22	21NOV2005 13:00:01	0	53/53	

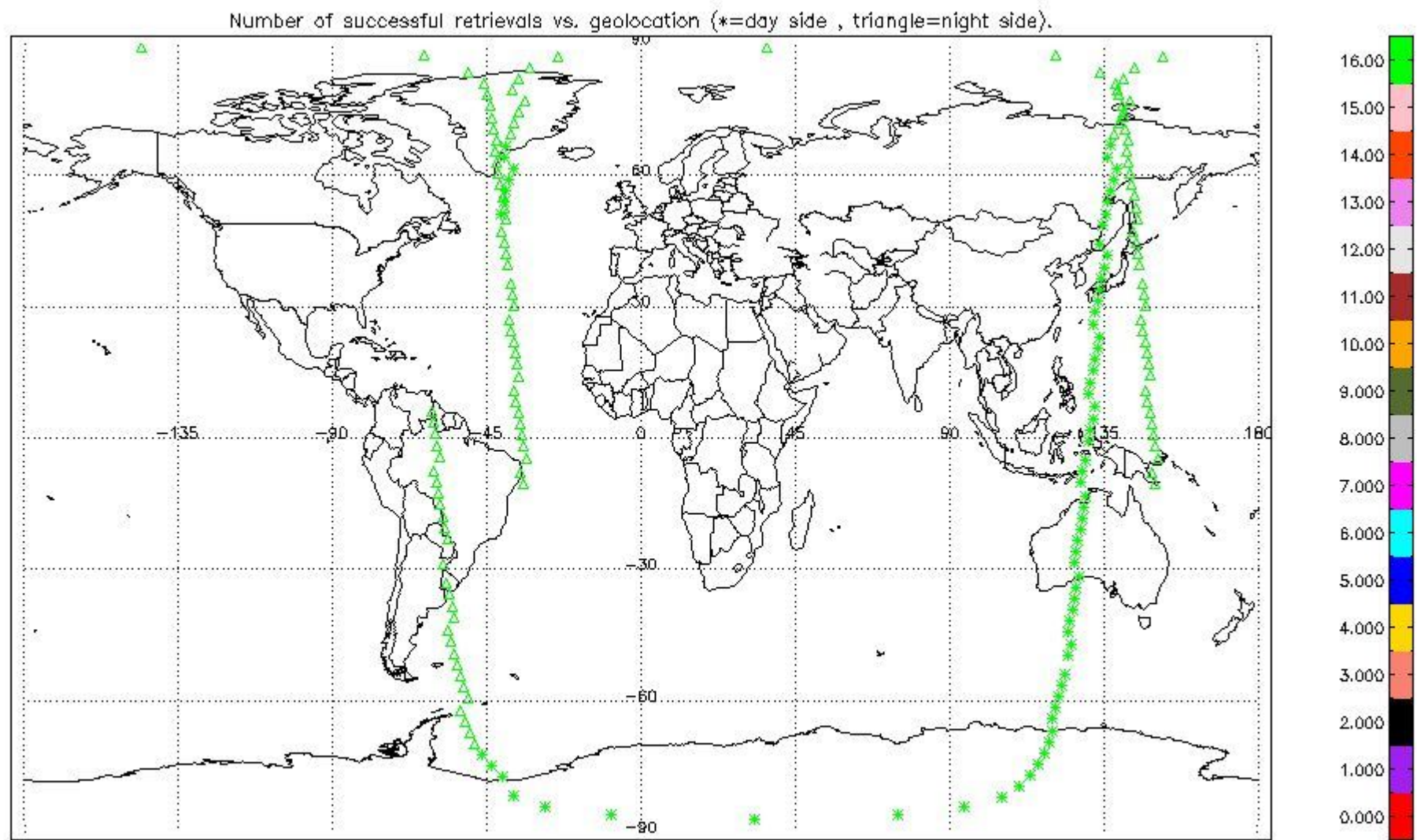
## 2.2 Processing performance indicators

### 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.

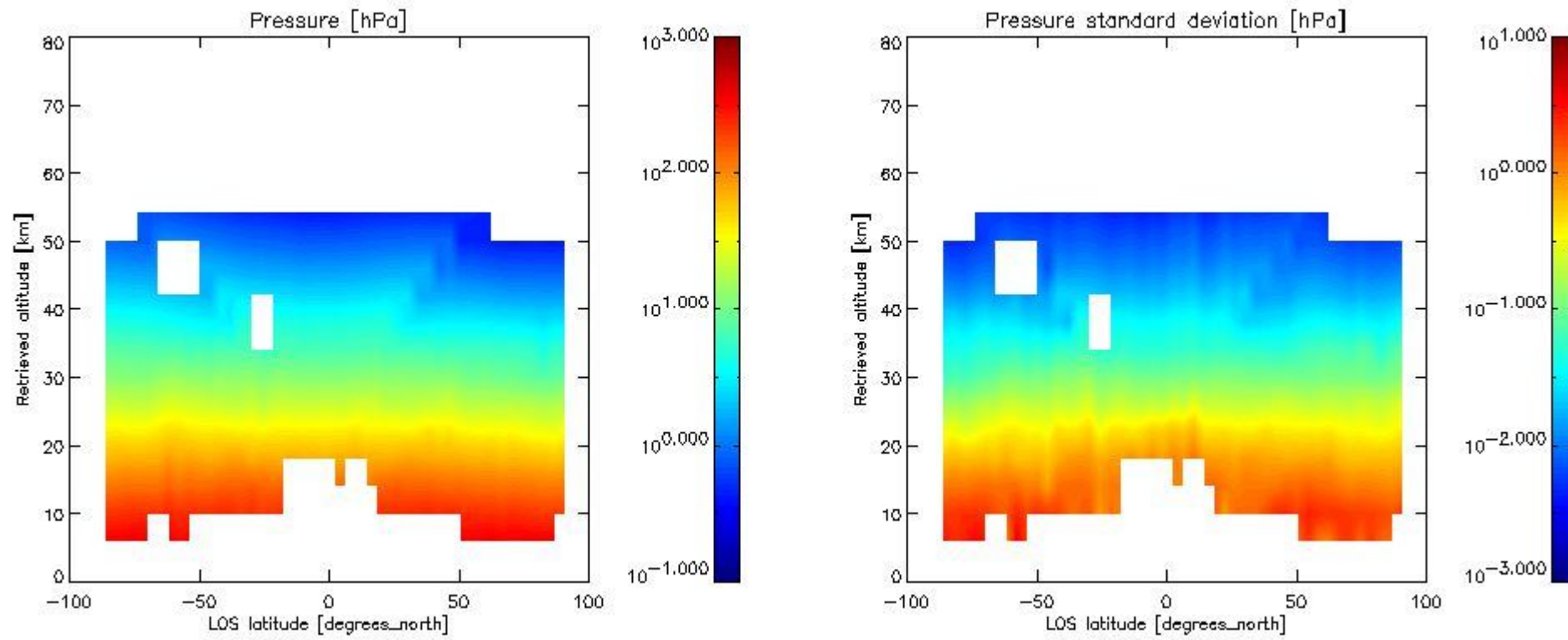
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	192	192	100.00
H2O	192	192	100.00
O3	192	192	100.00
HNO3	192	192	100.00
CH4	192	192	100.00
N2O	192	192	100.00
NO2	192	192	100.00

F11	192	192	100.00
CLNO	192	192	100.00
N2O5	192	192	100.00
F12	192	192	100.00
COF2	192	192	100.00
CCL4	192	192	100.00
HCN	192	192	100.00
F14	192	192	100.00
F22	192	192	100.00



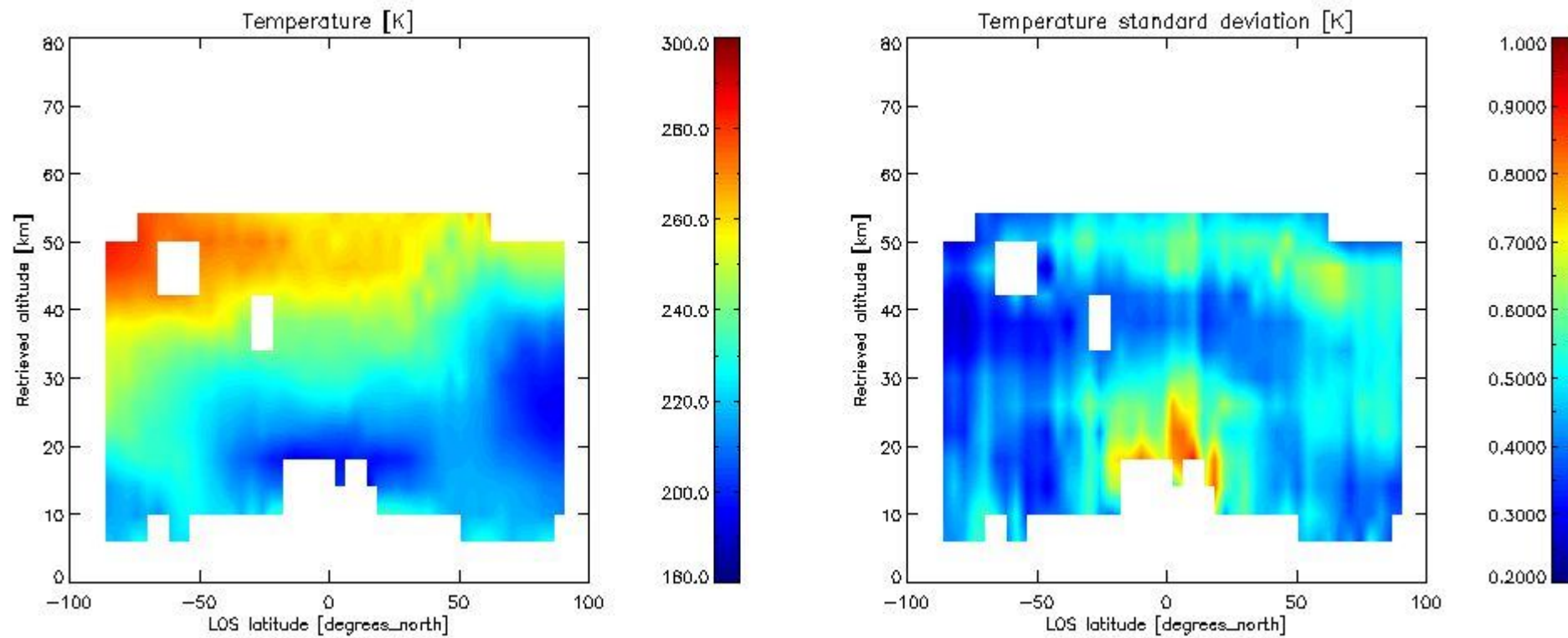
### 2.2.2 Pressure overview

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

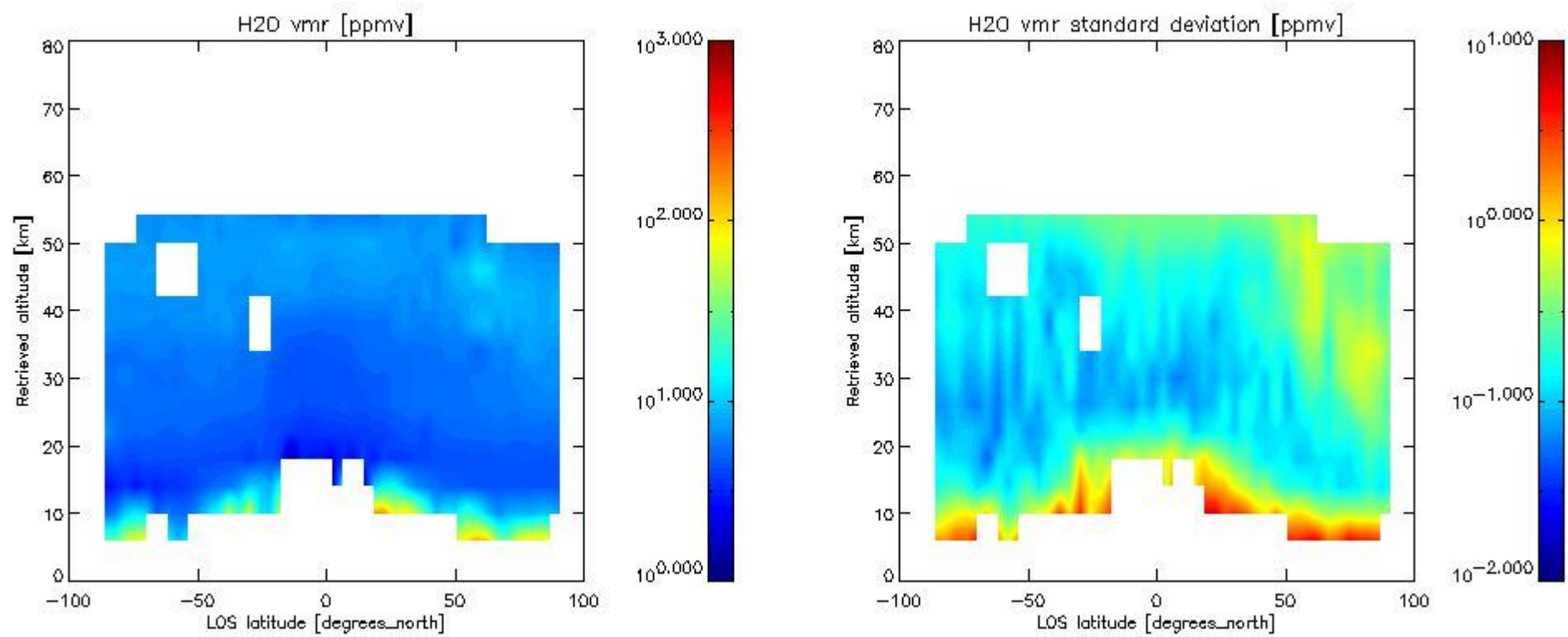
This section shows values (left) and error (right) for temperature after binning individual sweep values over retrieved altitude and tangent latitude.



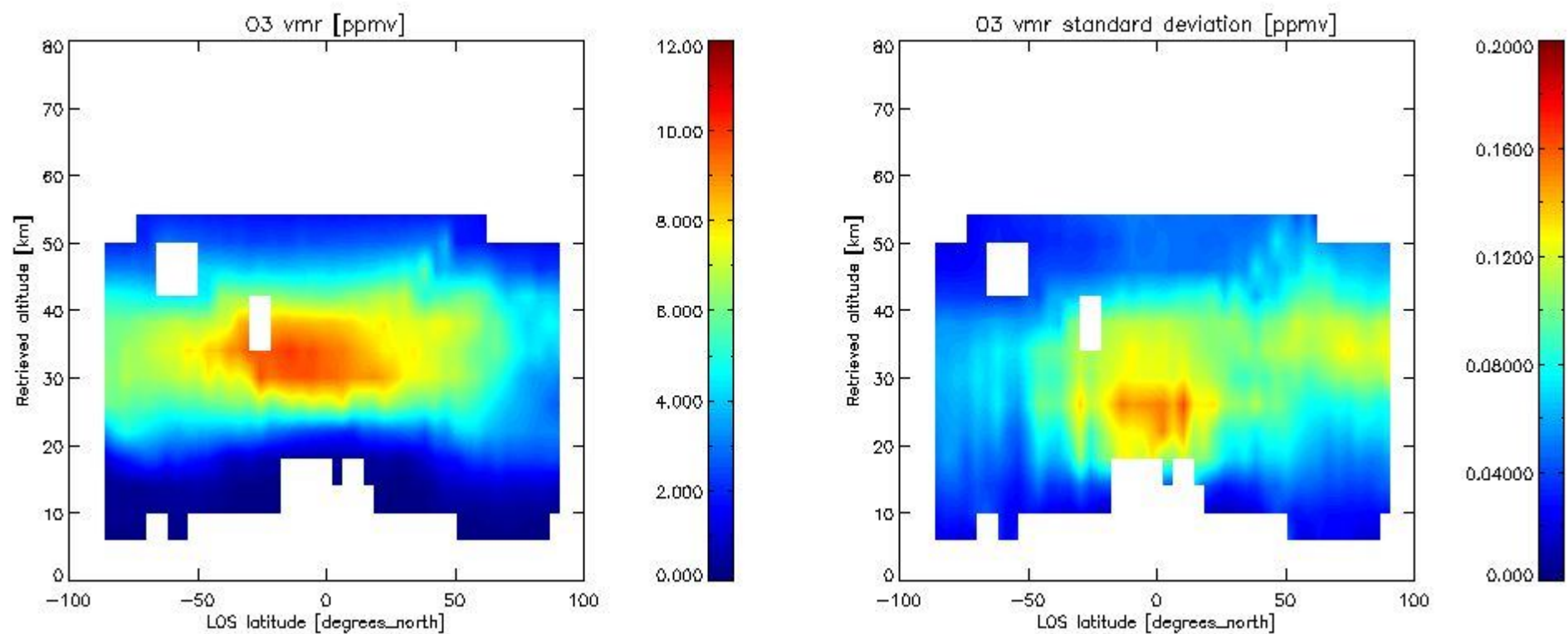
### 2.2.4 Species overview

**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.

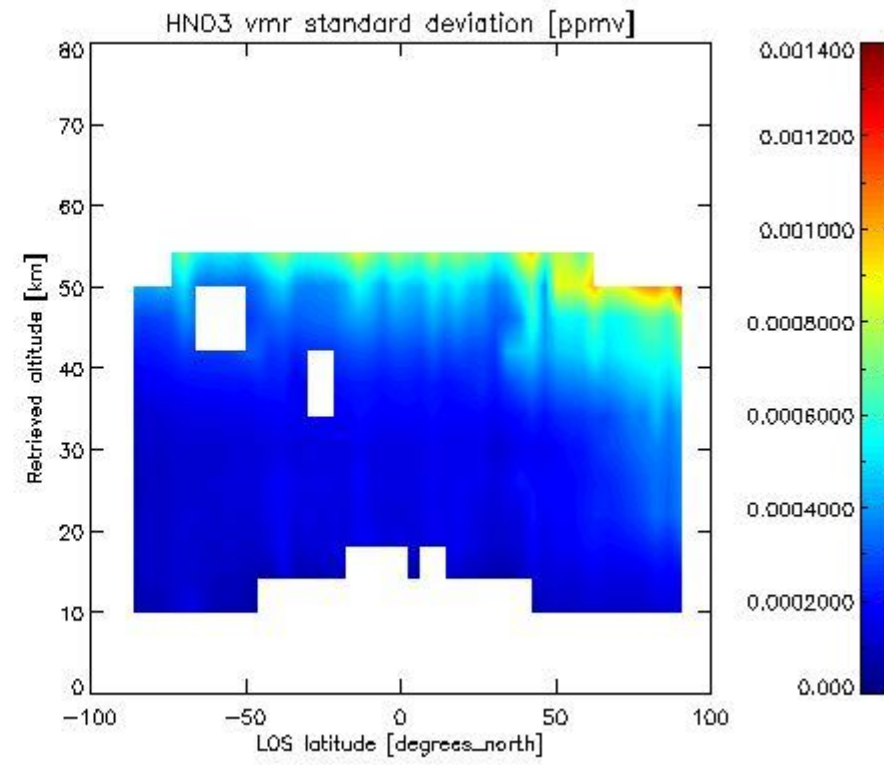
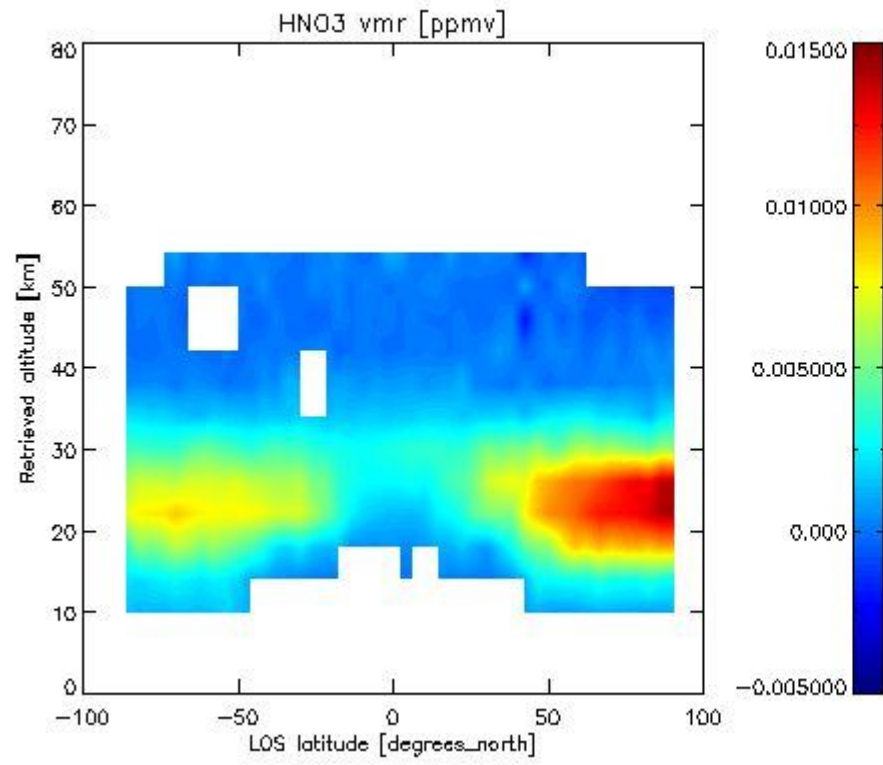




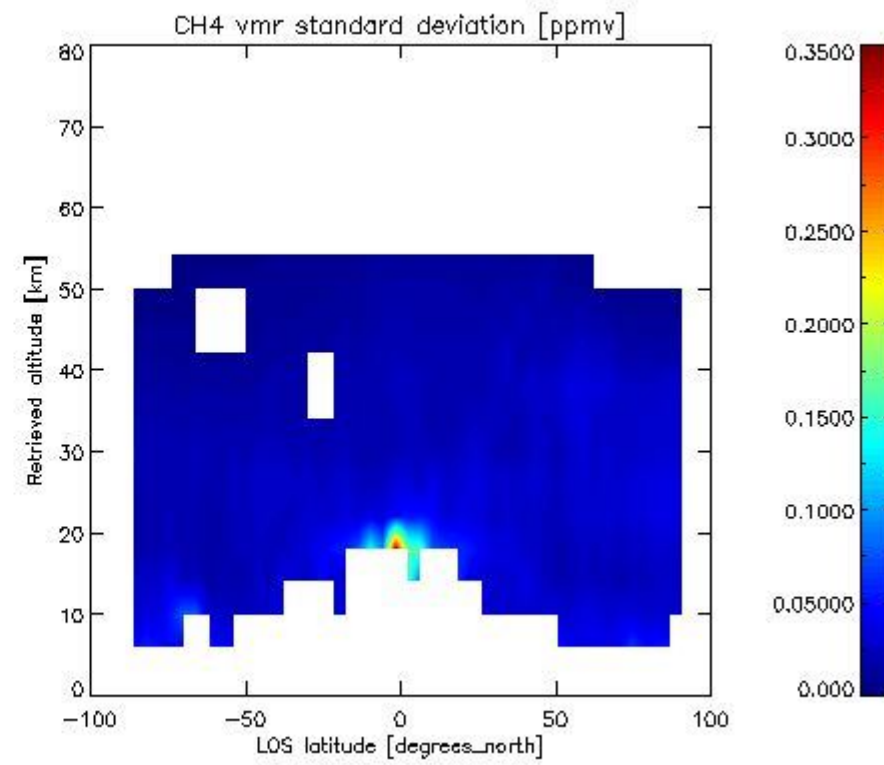
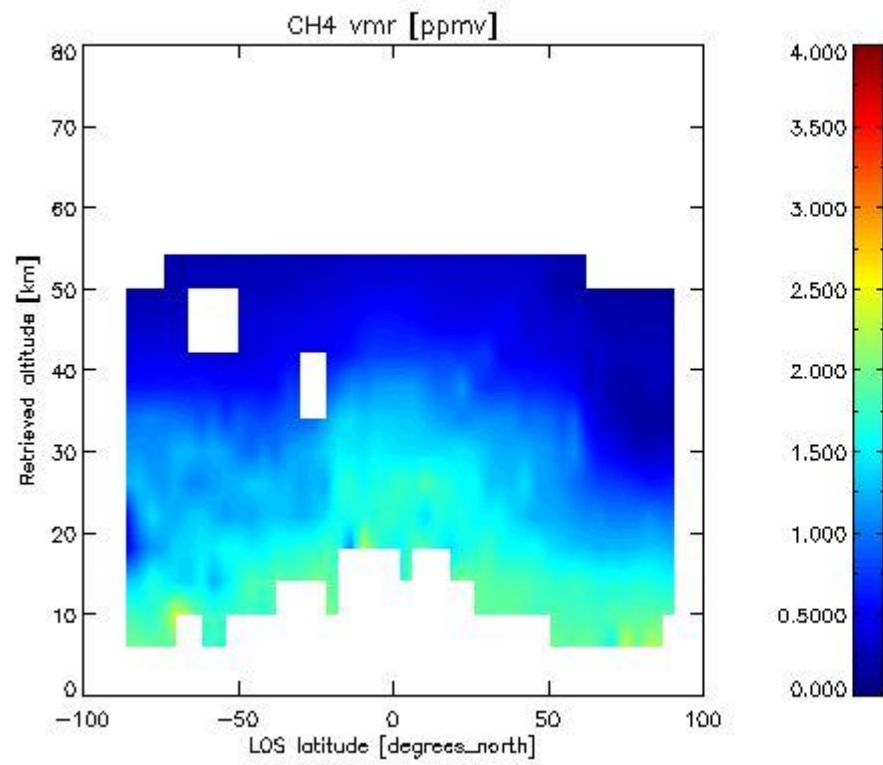
2.2.4.2 O<sub>3</sub> overview This section shows values (left) and error (right) for O<sub>3</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



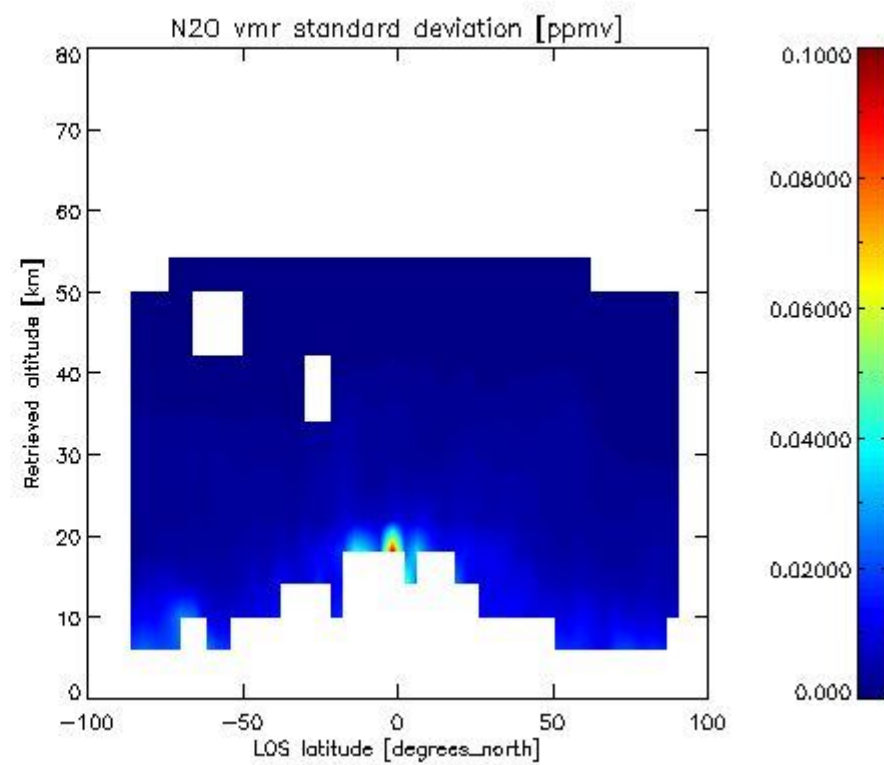
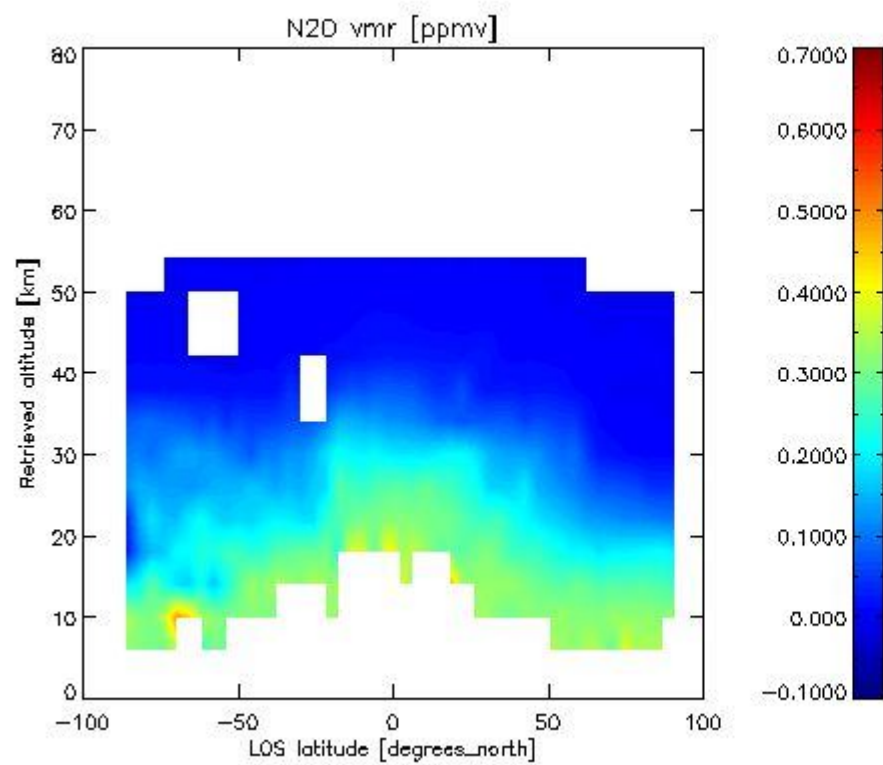
2.2.4.3 HNO<sub>3</sub> overview This section shows values (left) and error (right) for HNO<sub>3</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



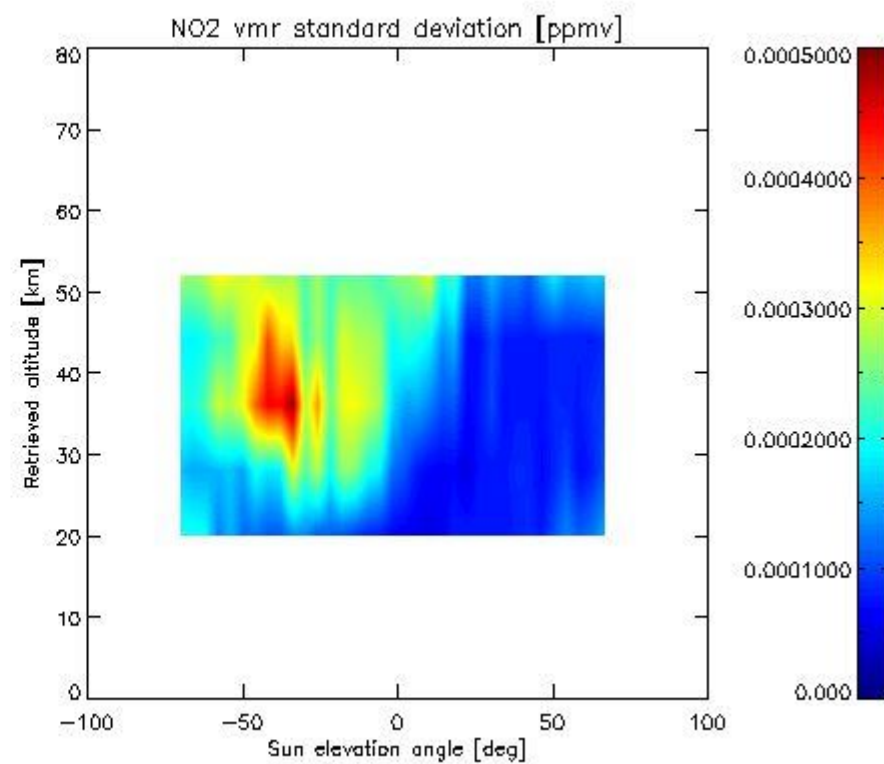
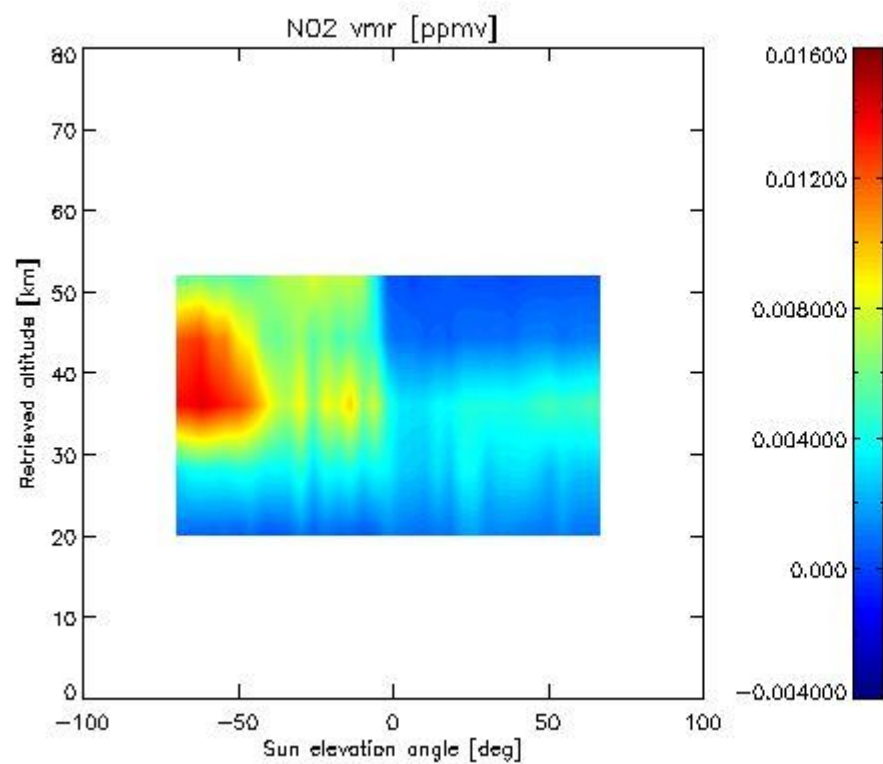
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



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.

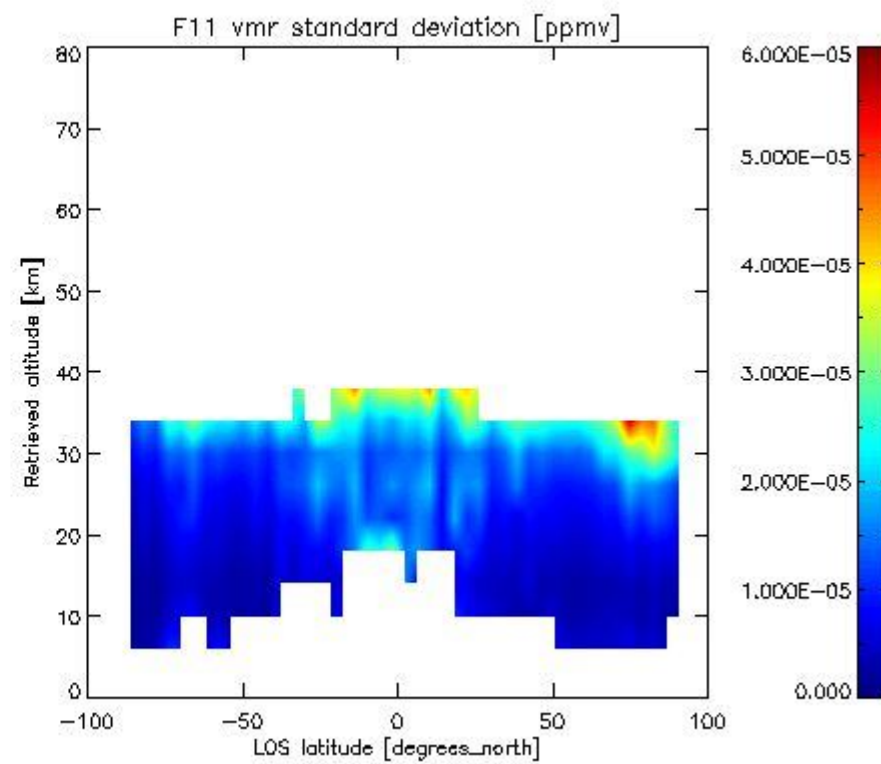
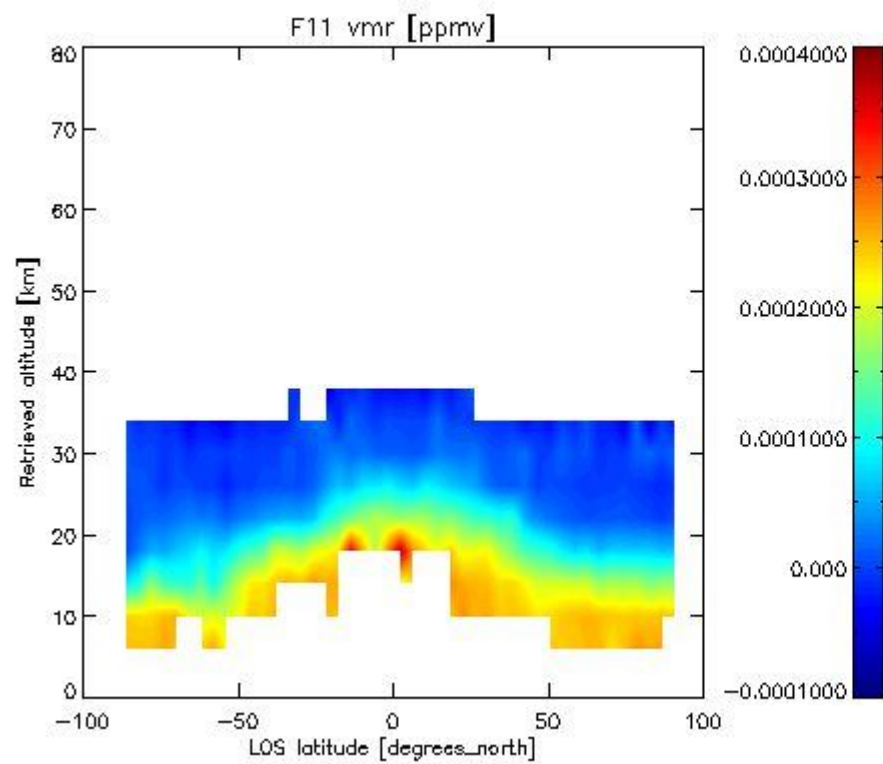


2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.

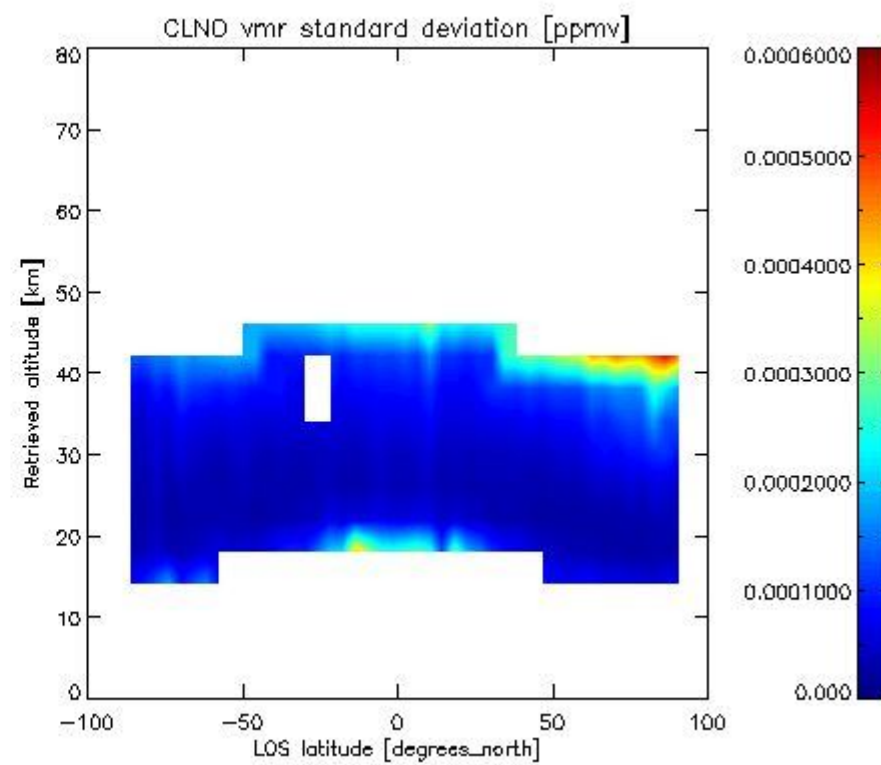
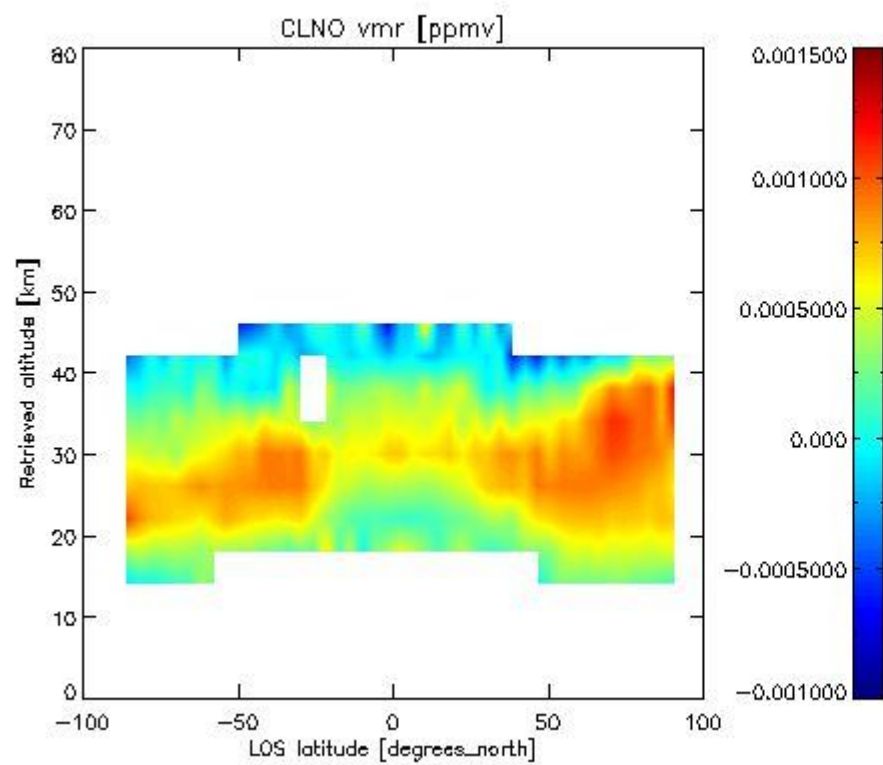


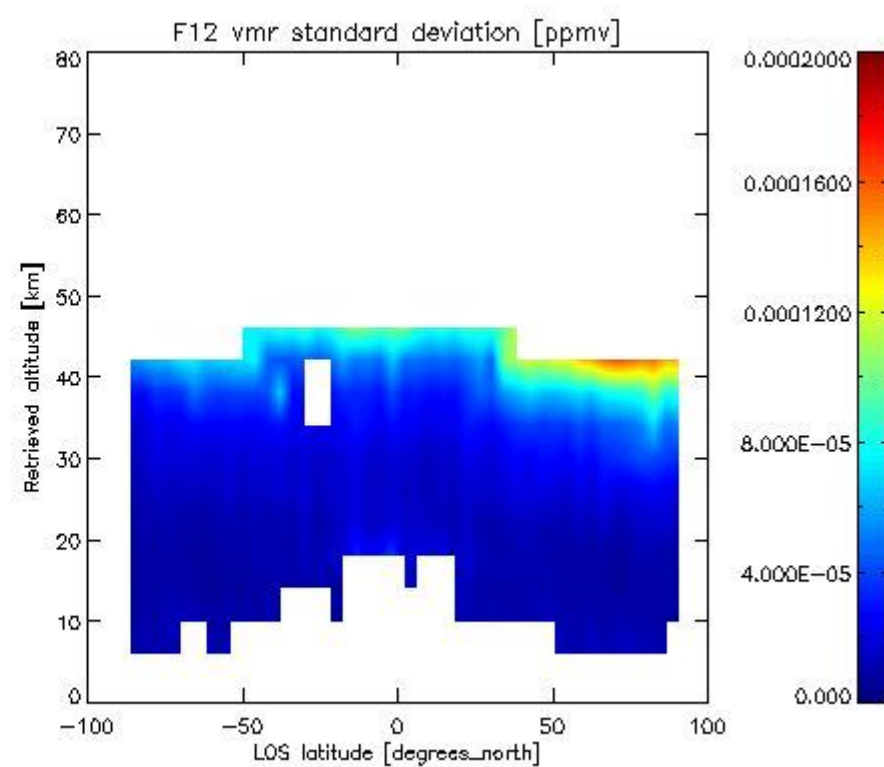
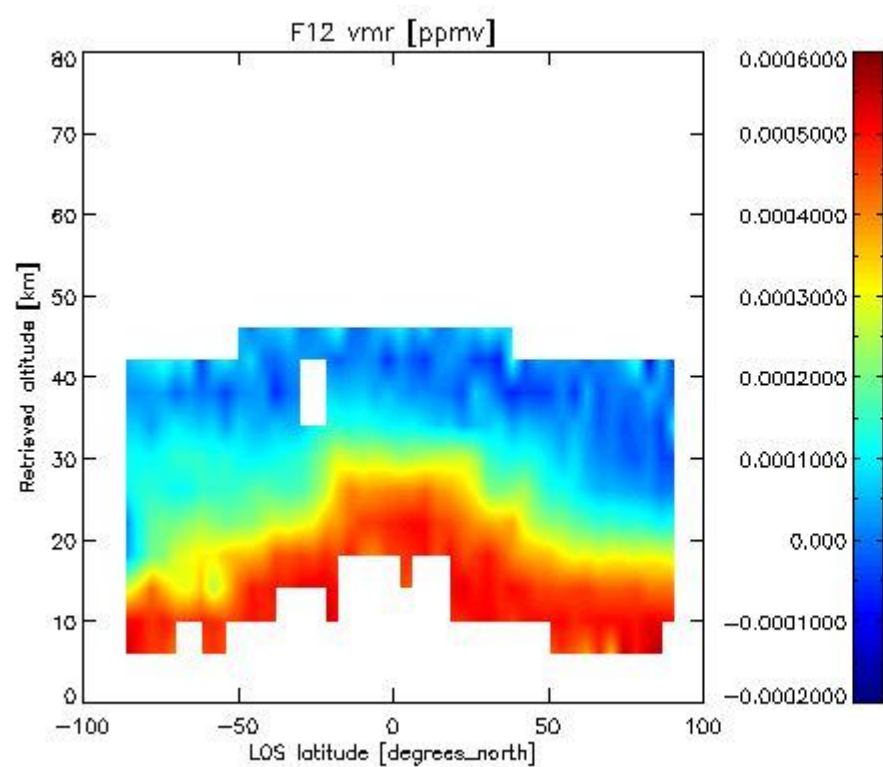
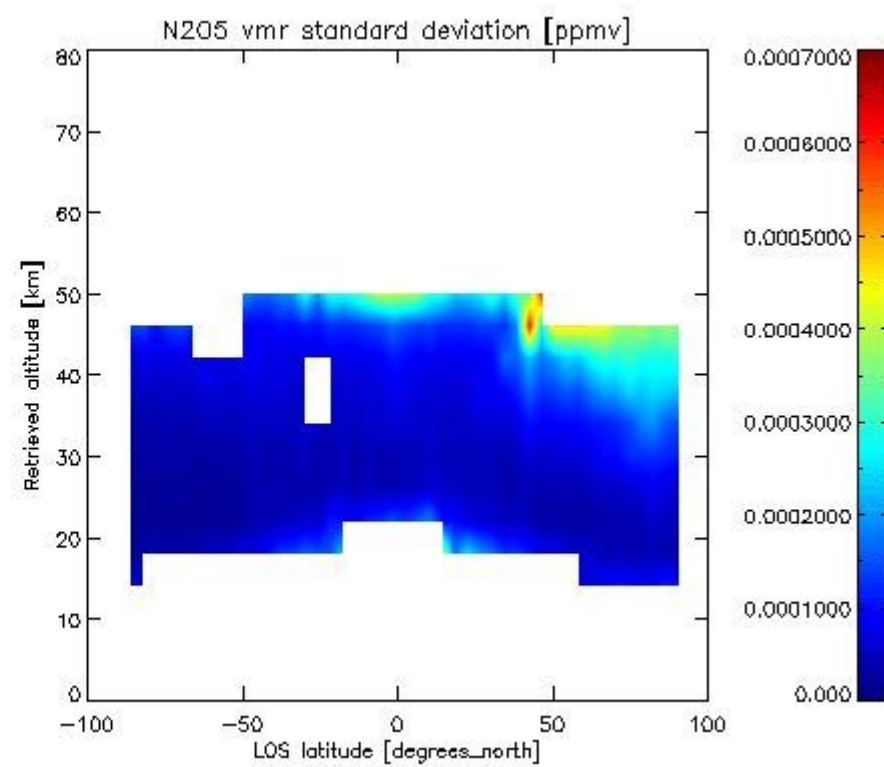
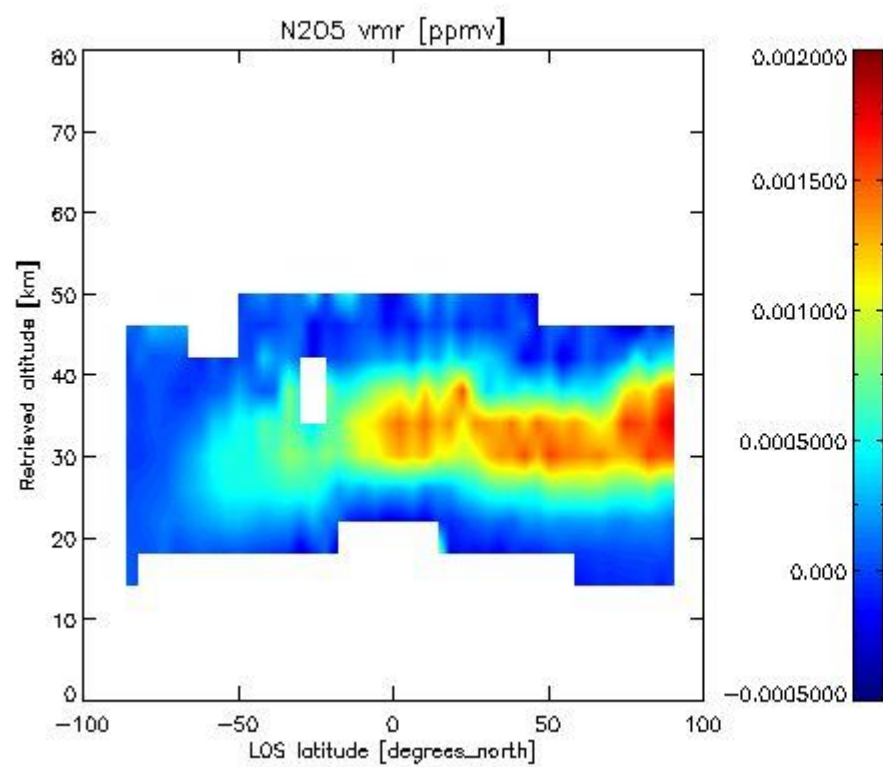
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



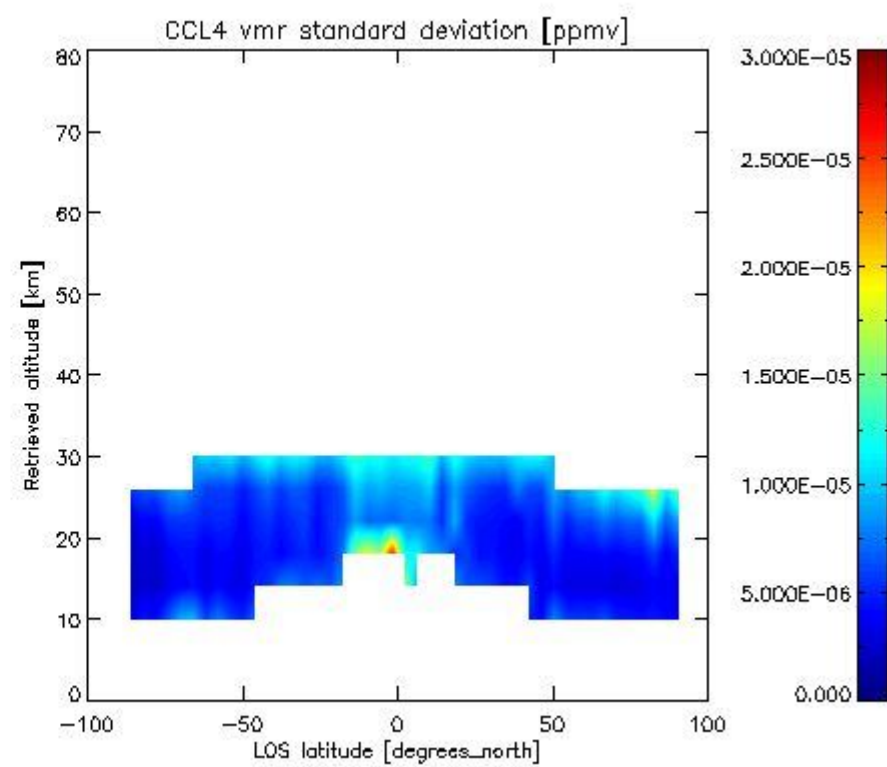
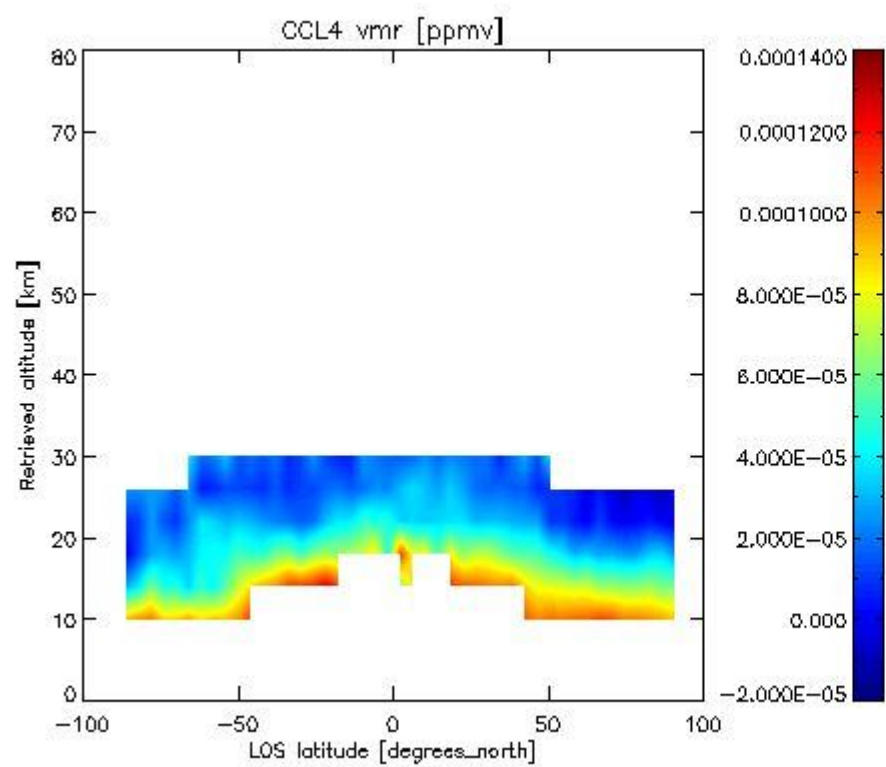
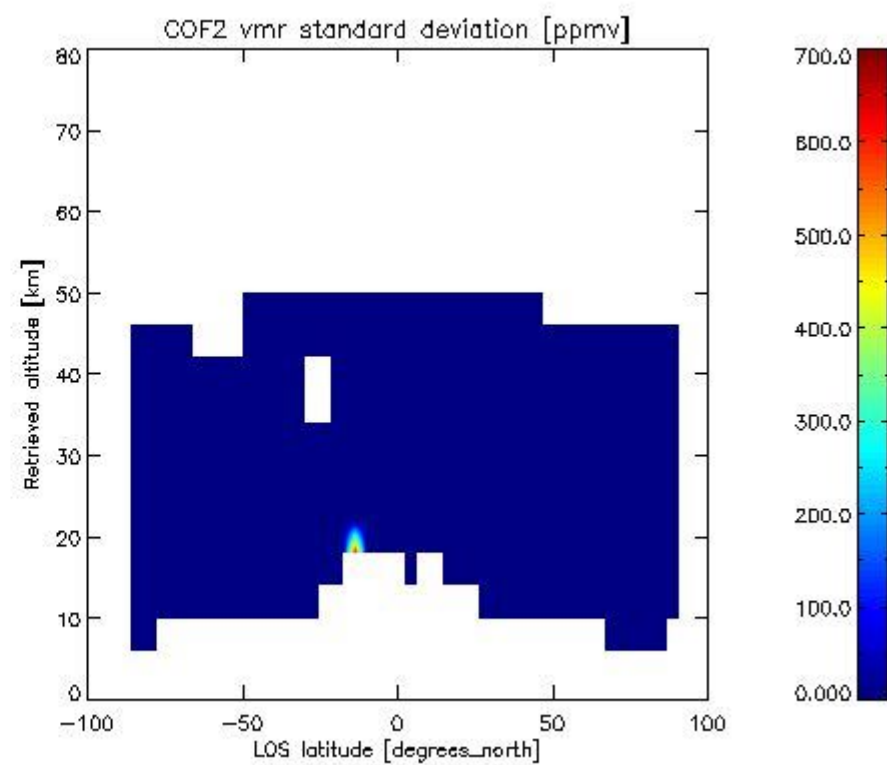
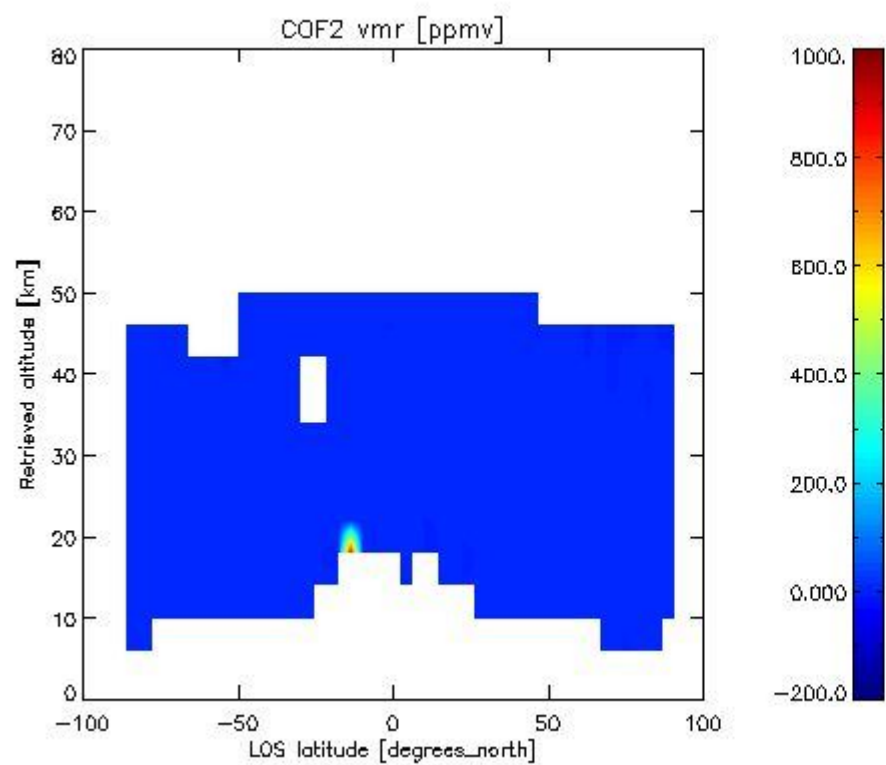


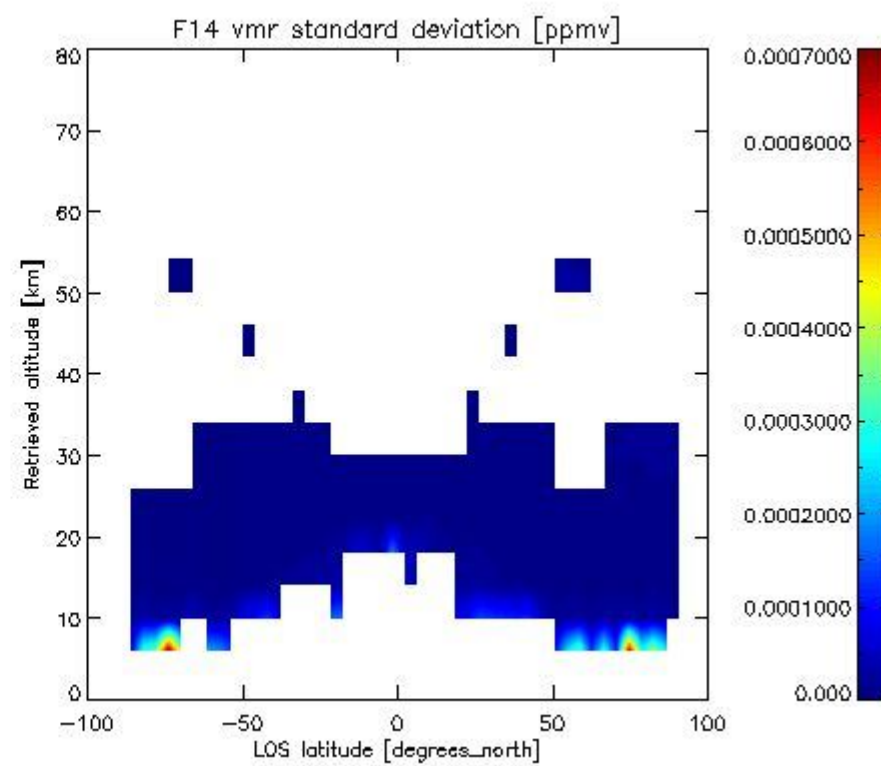
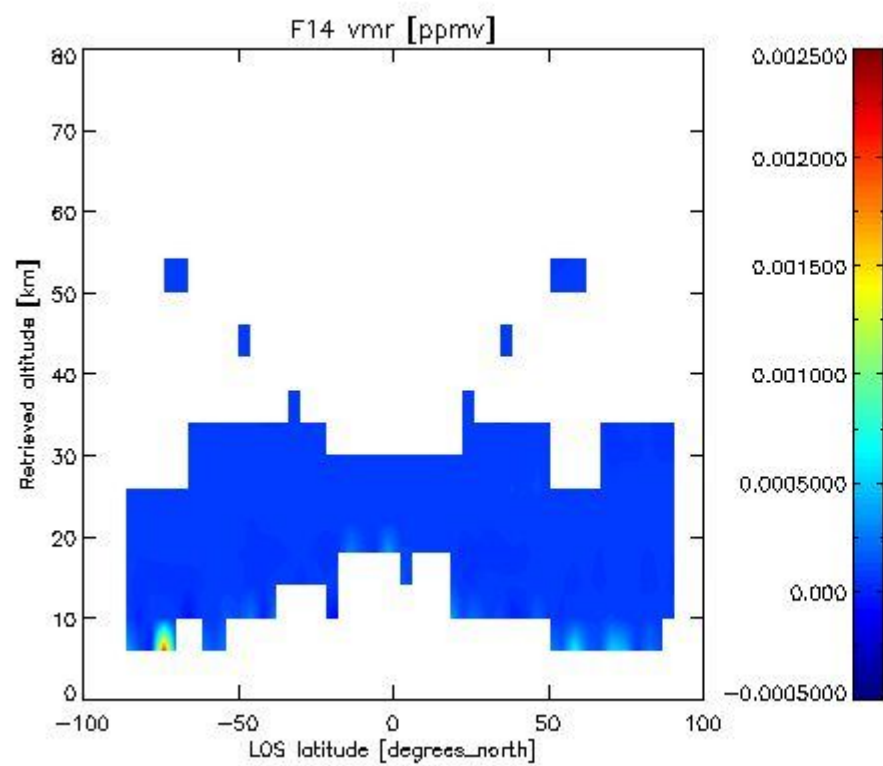
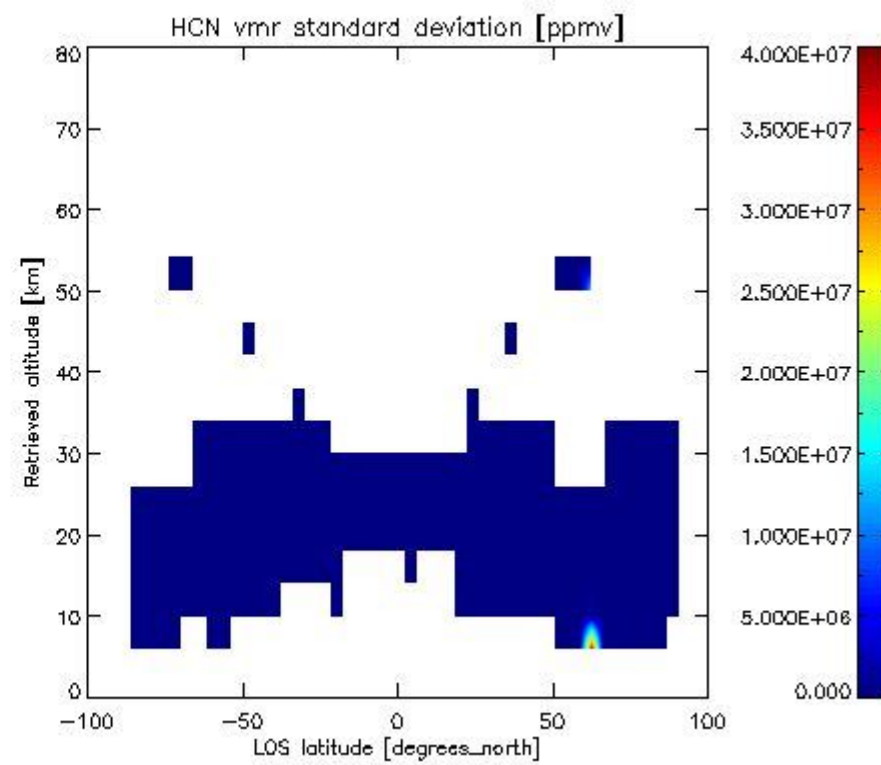
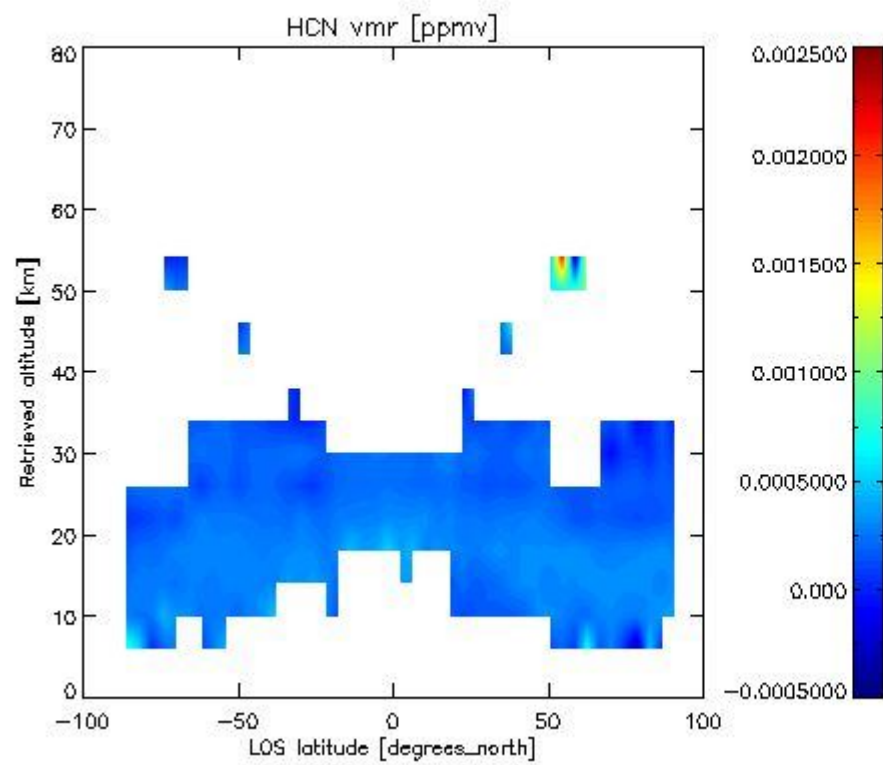
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

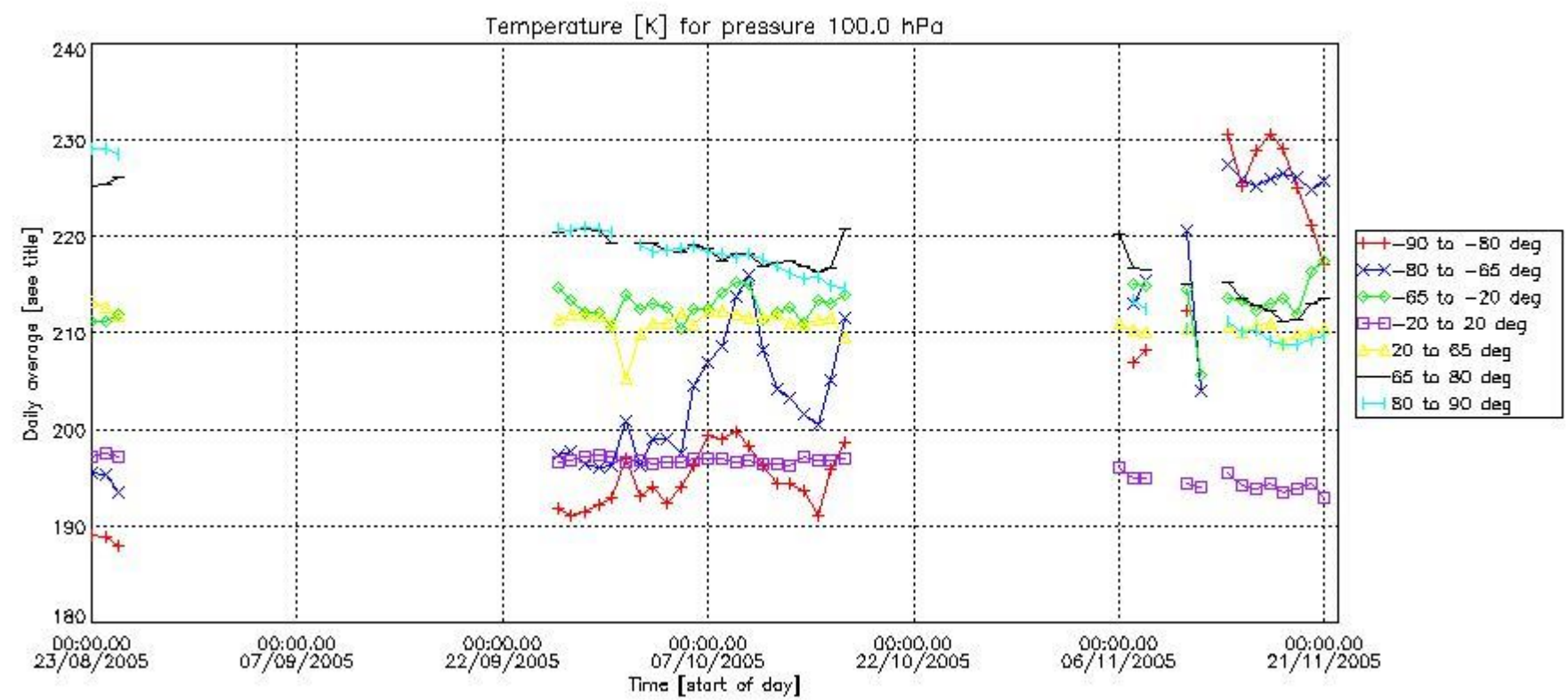
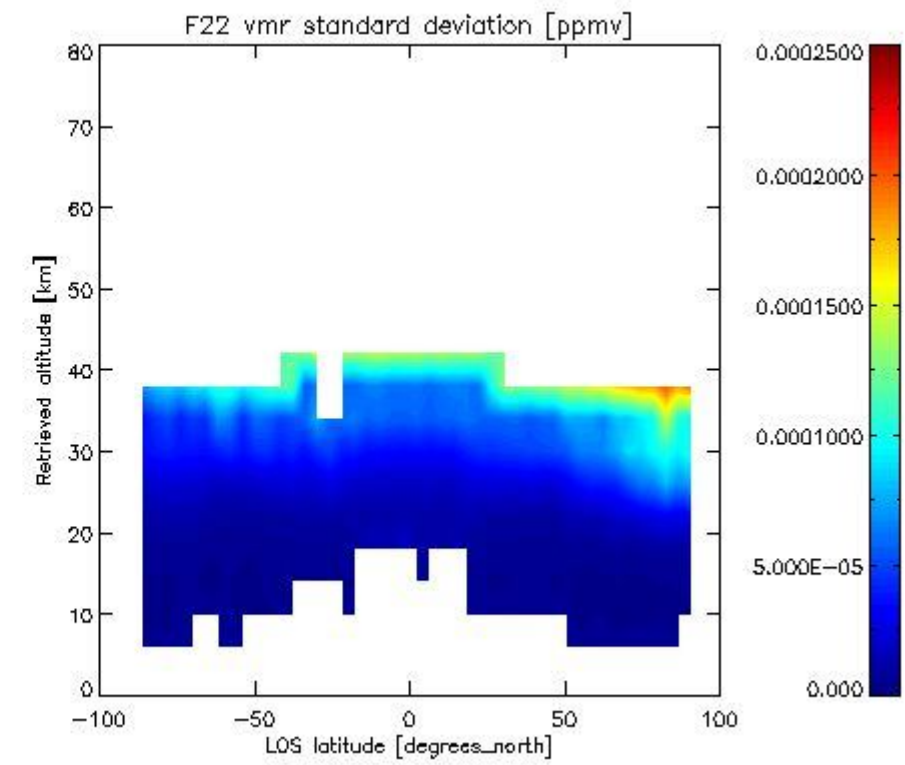
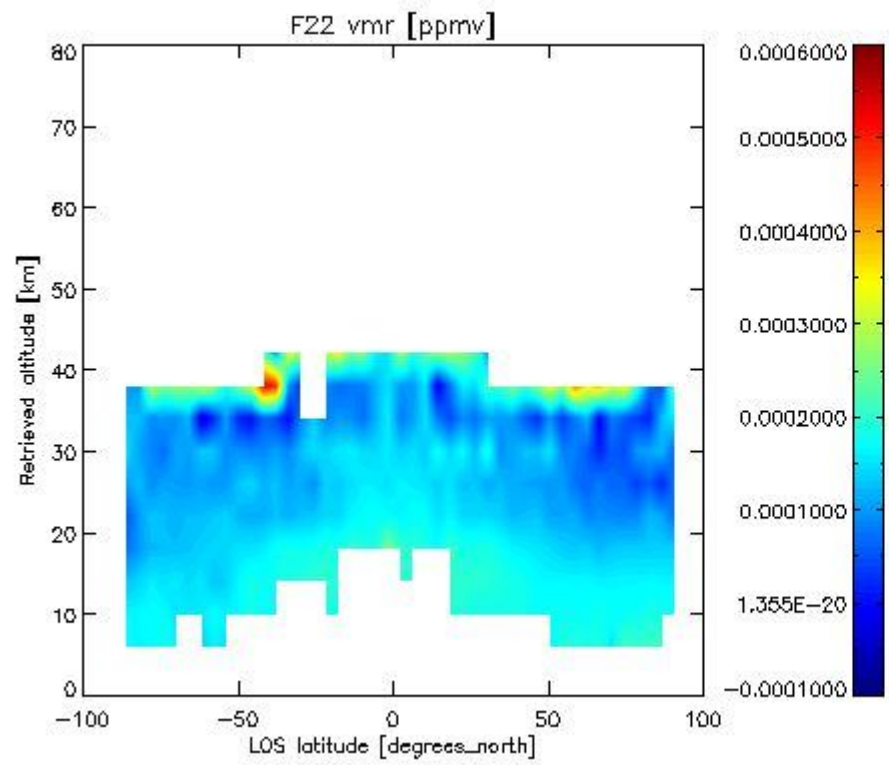




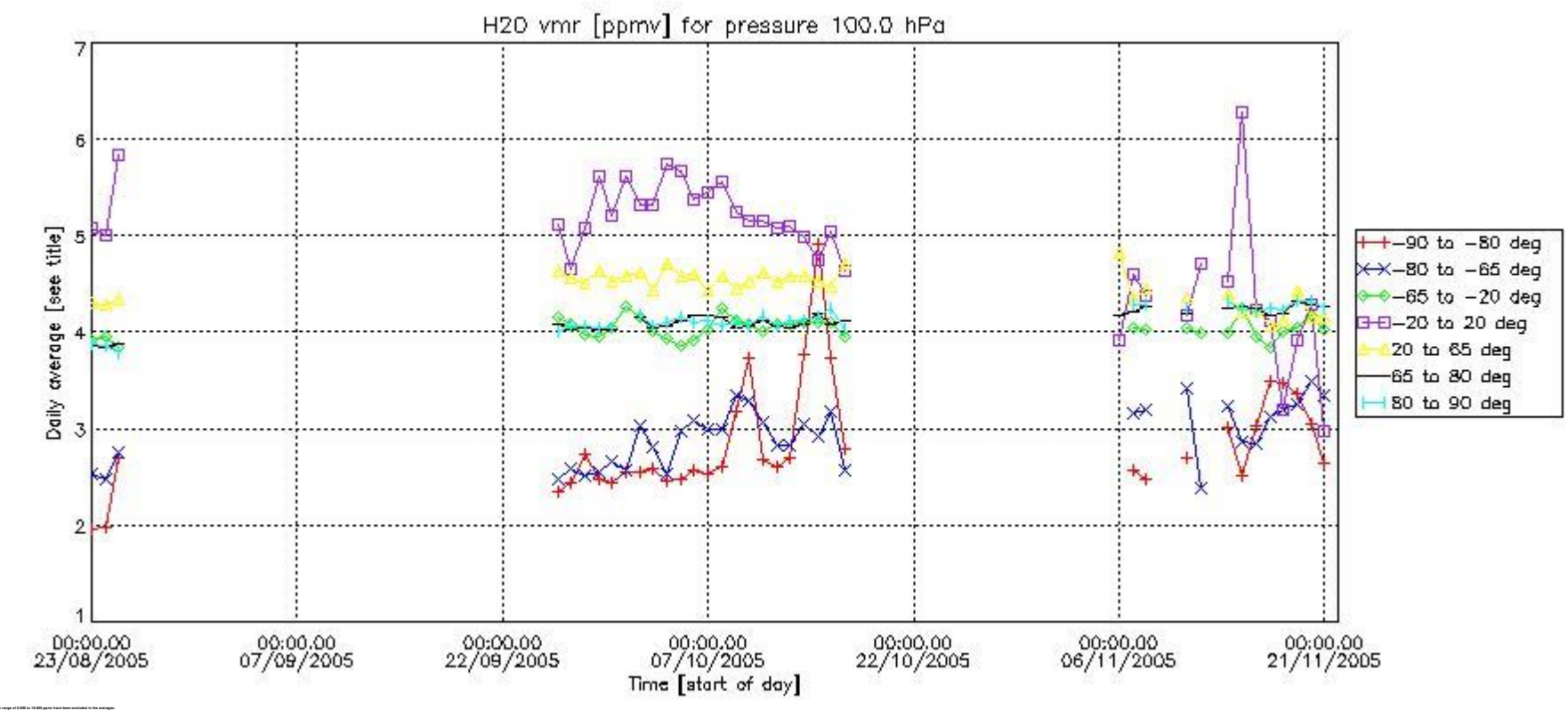
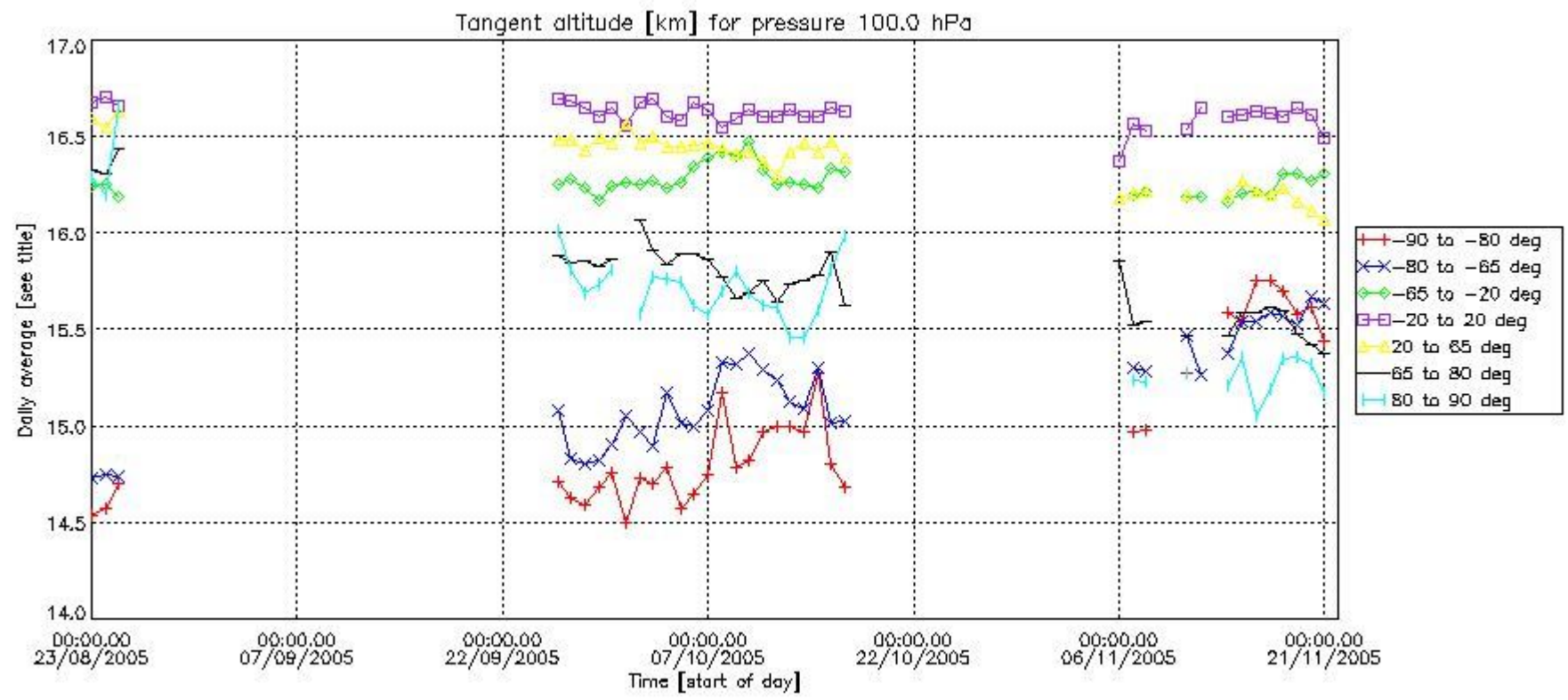


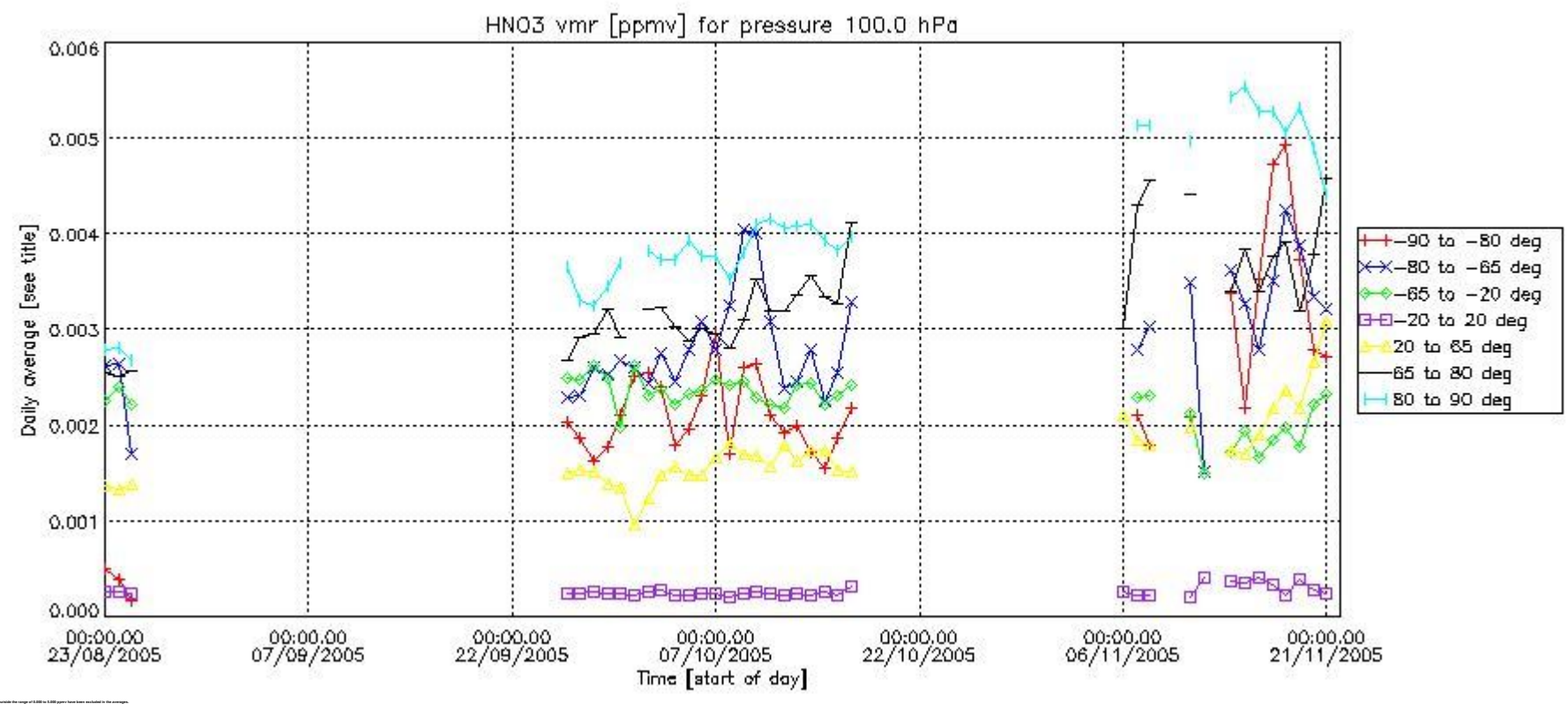
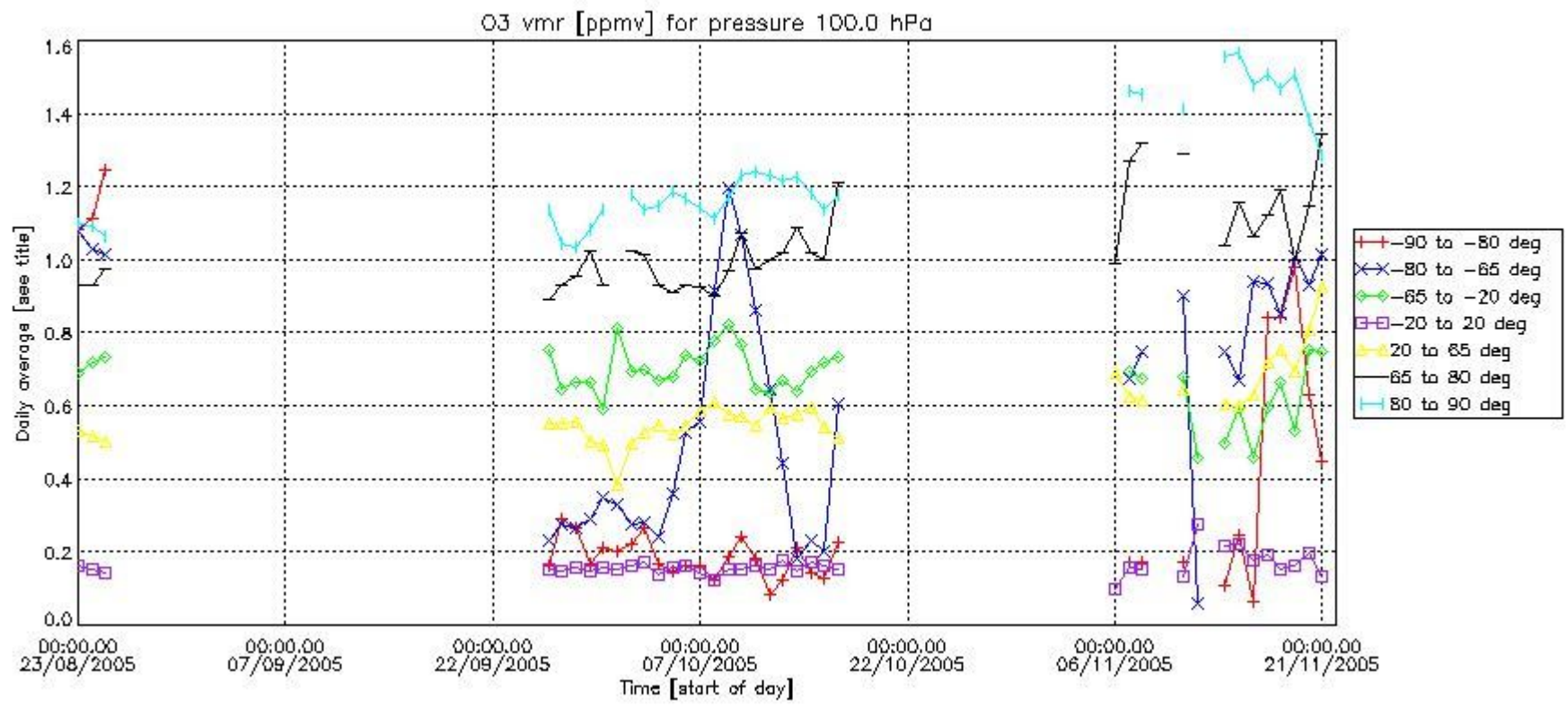


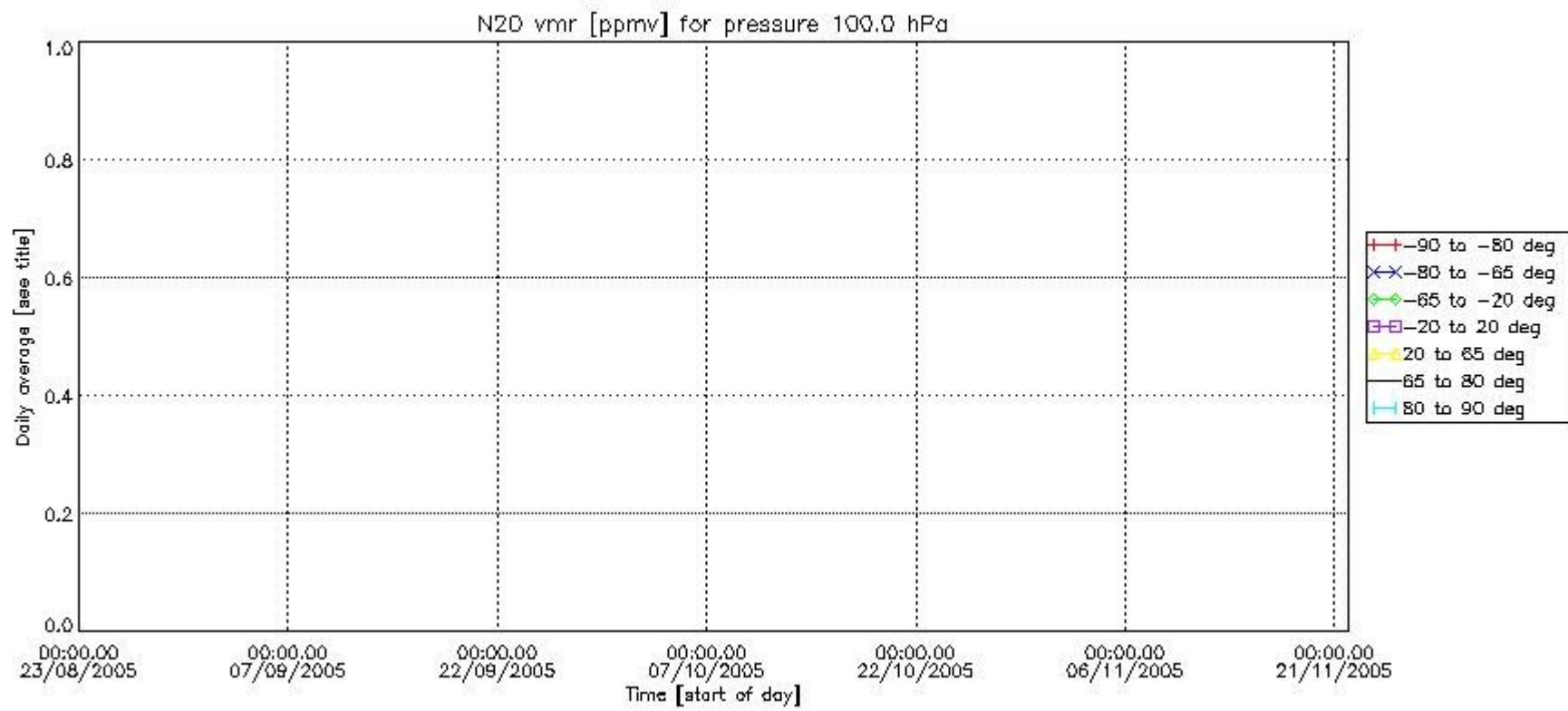
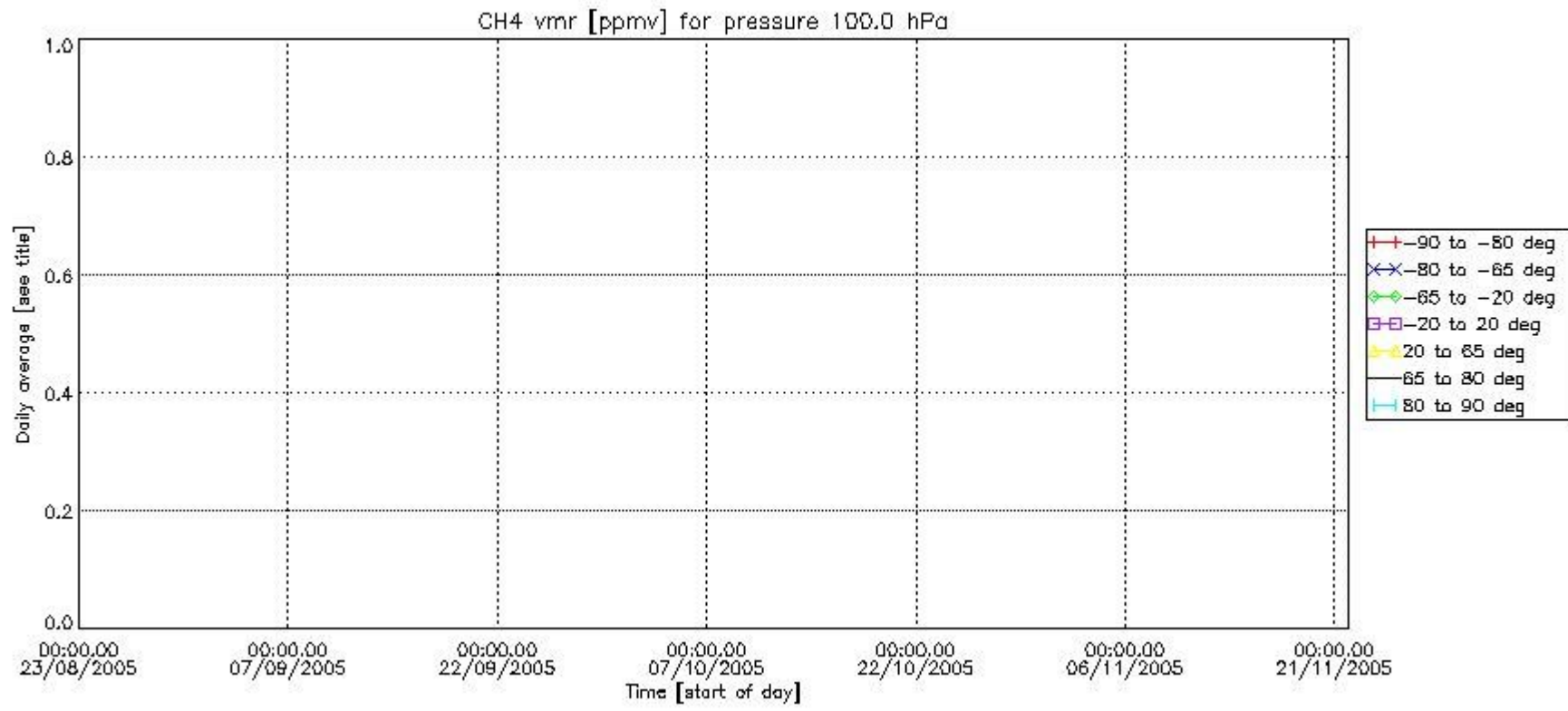




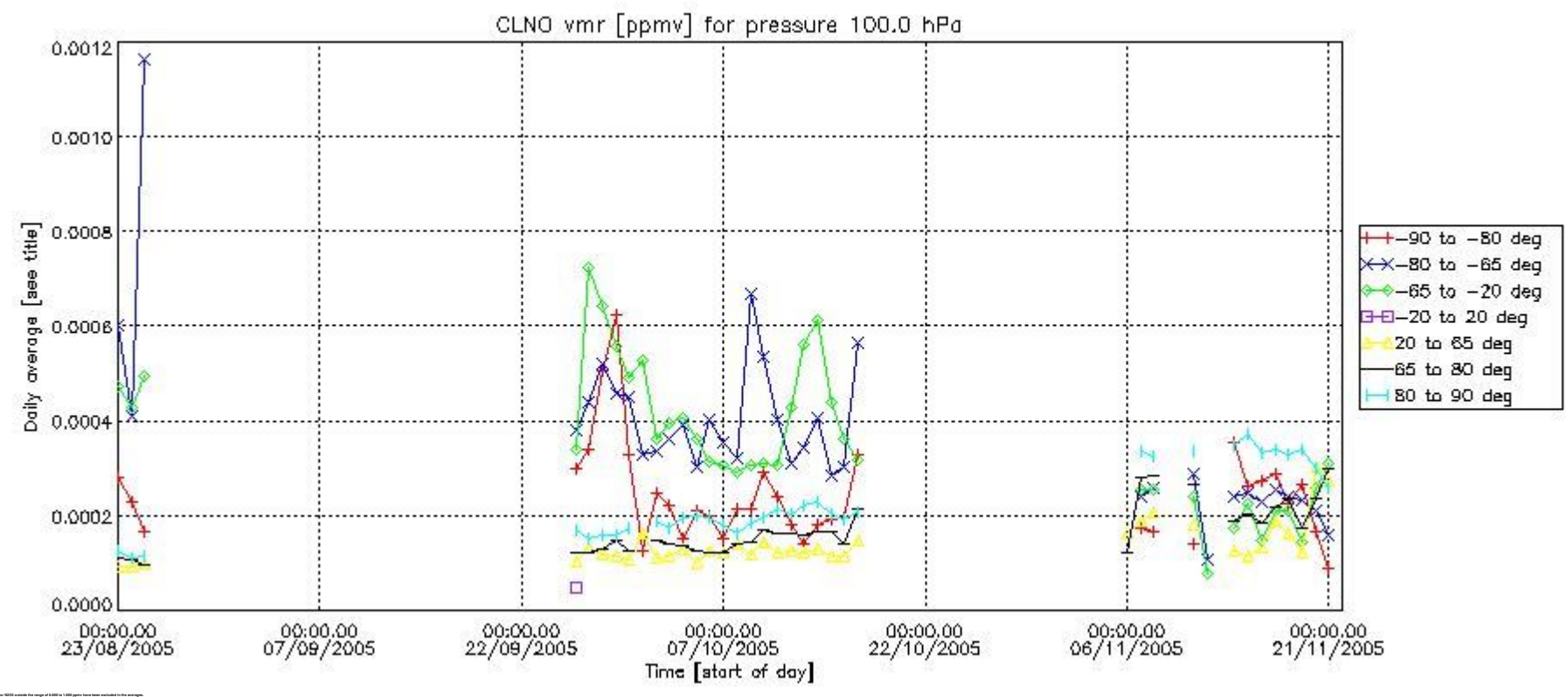
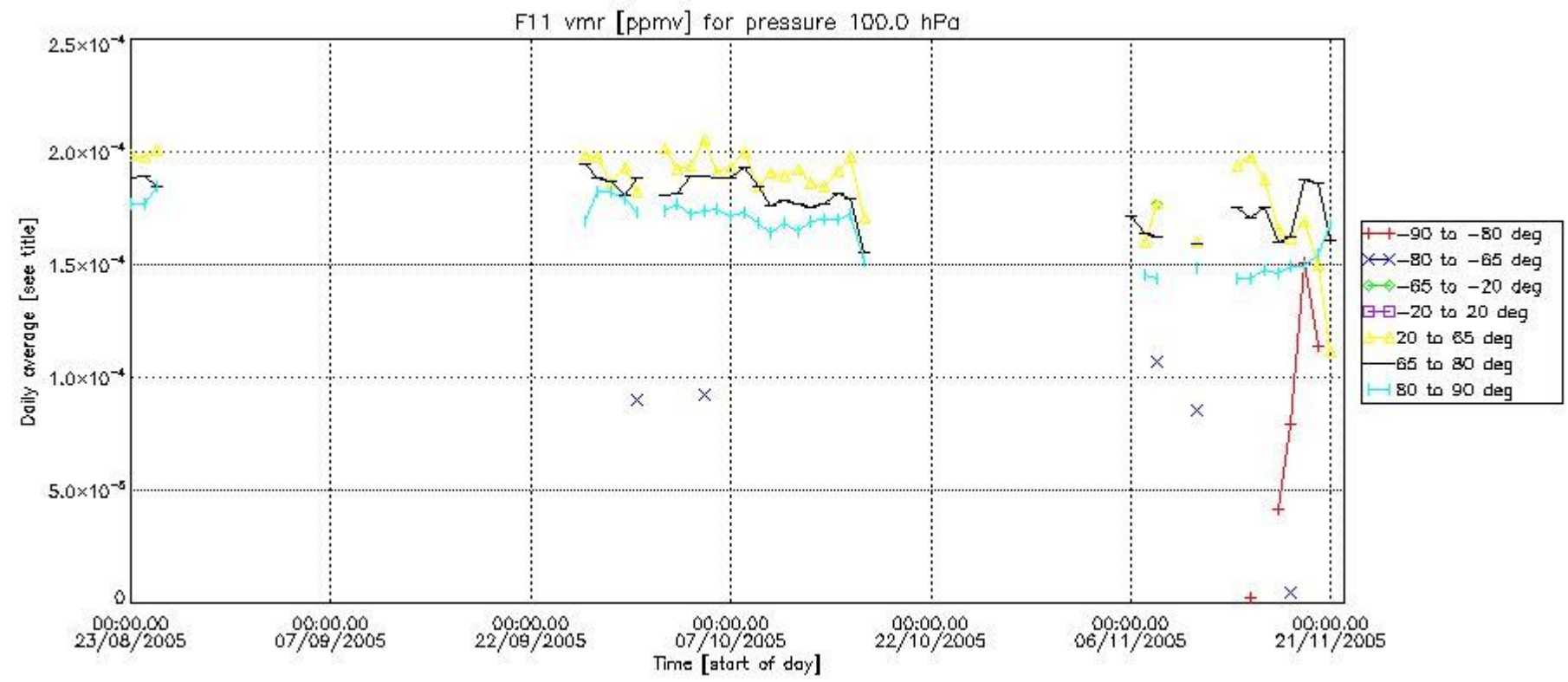


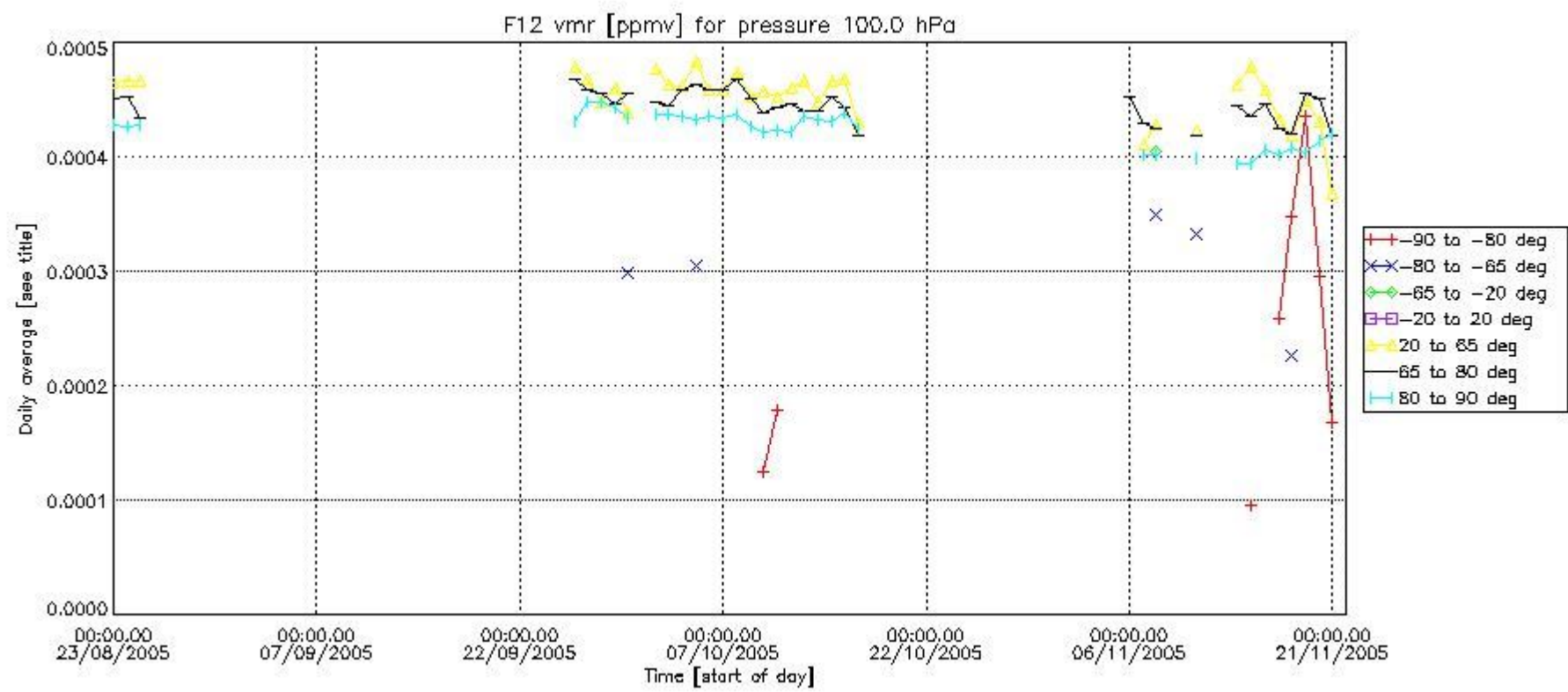
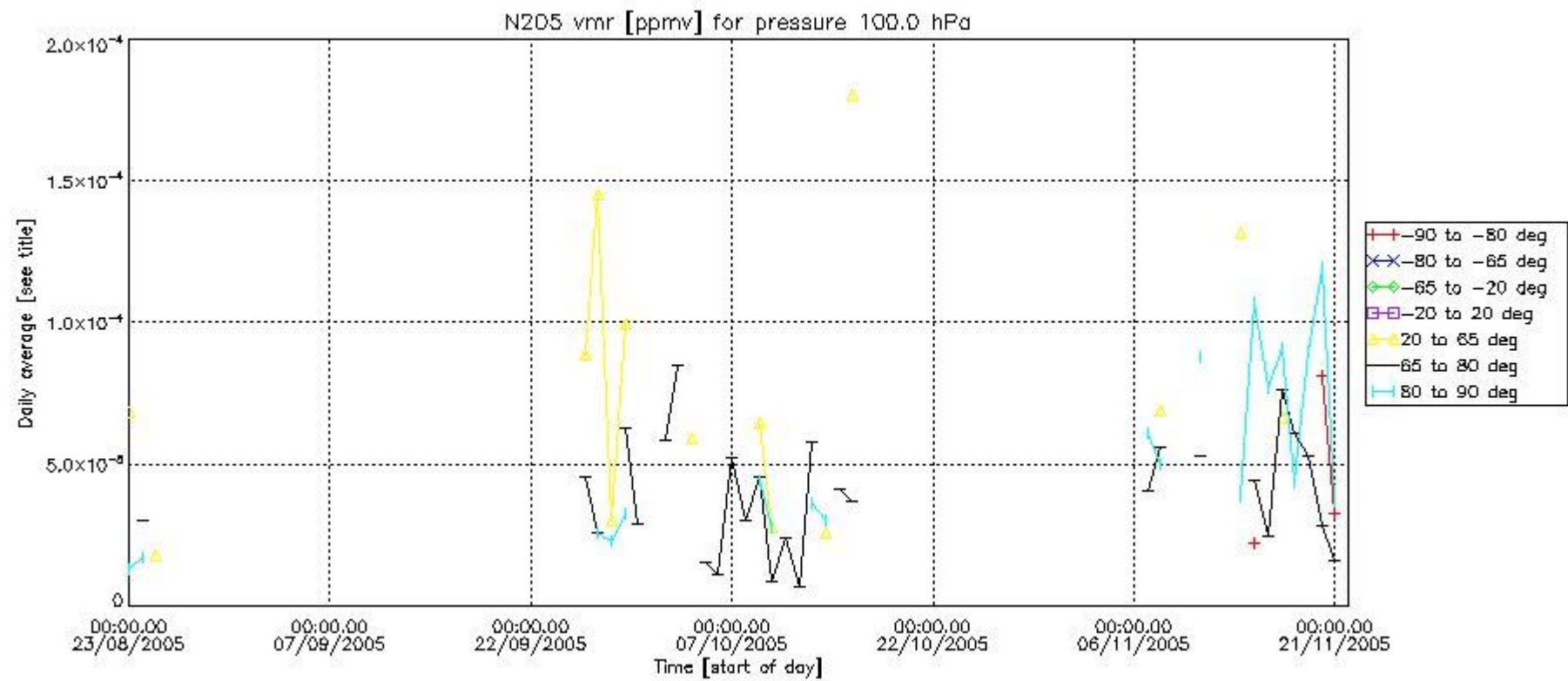


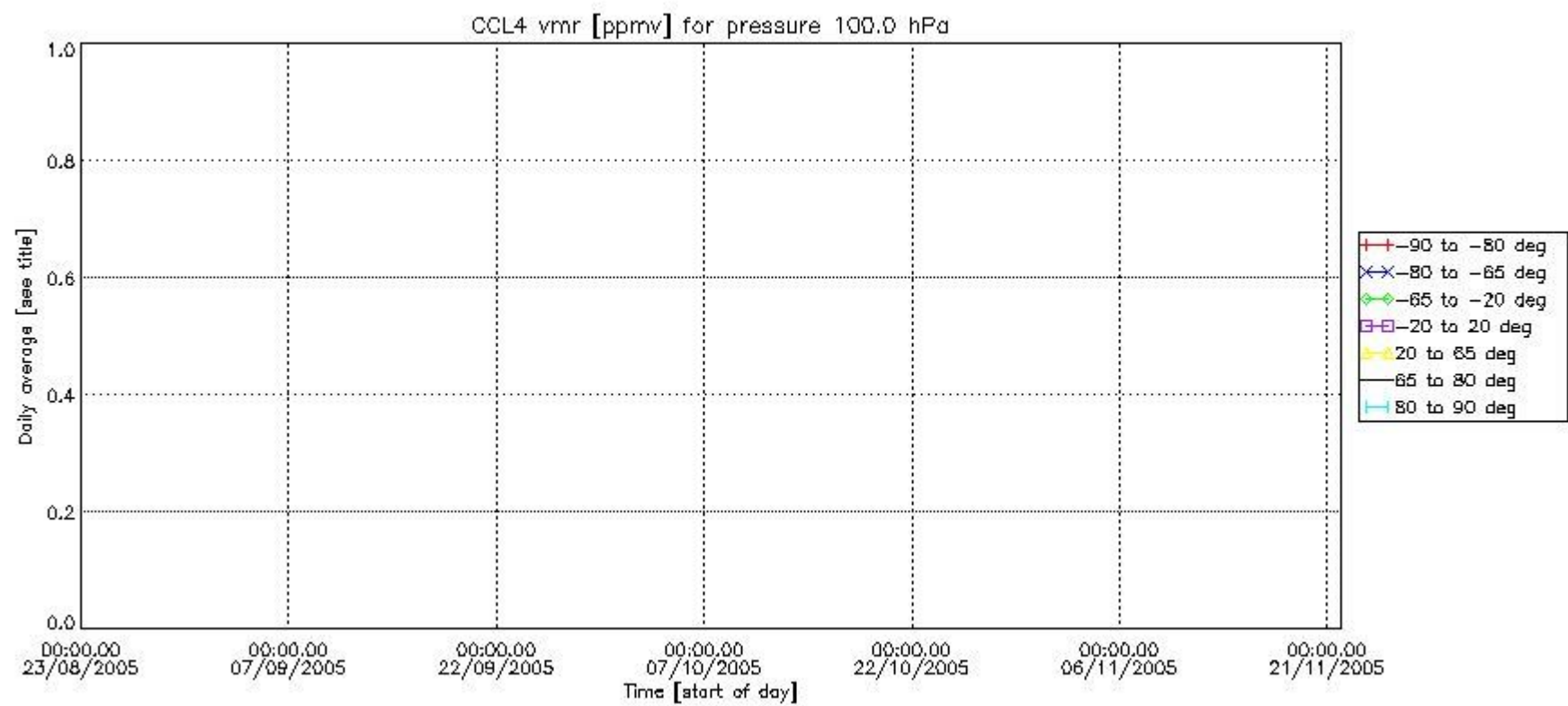
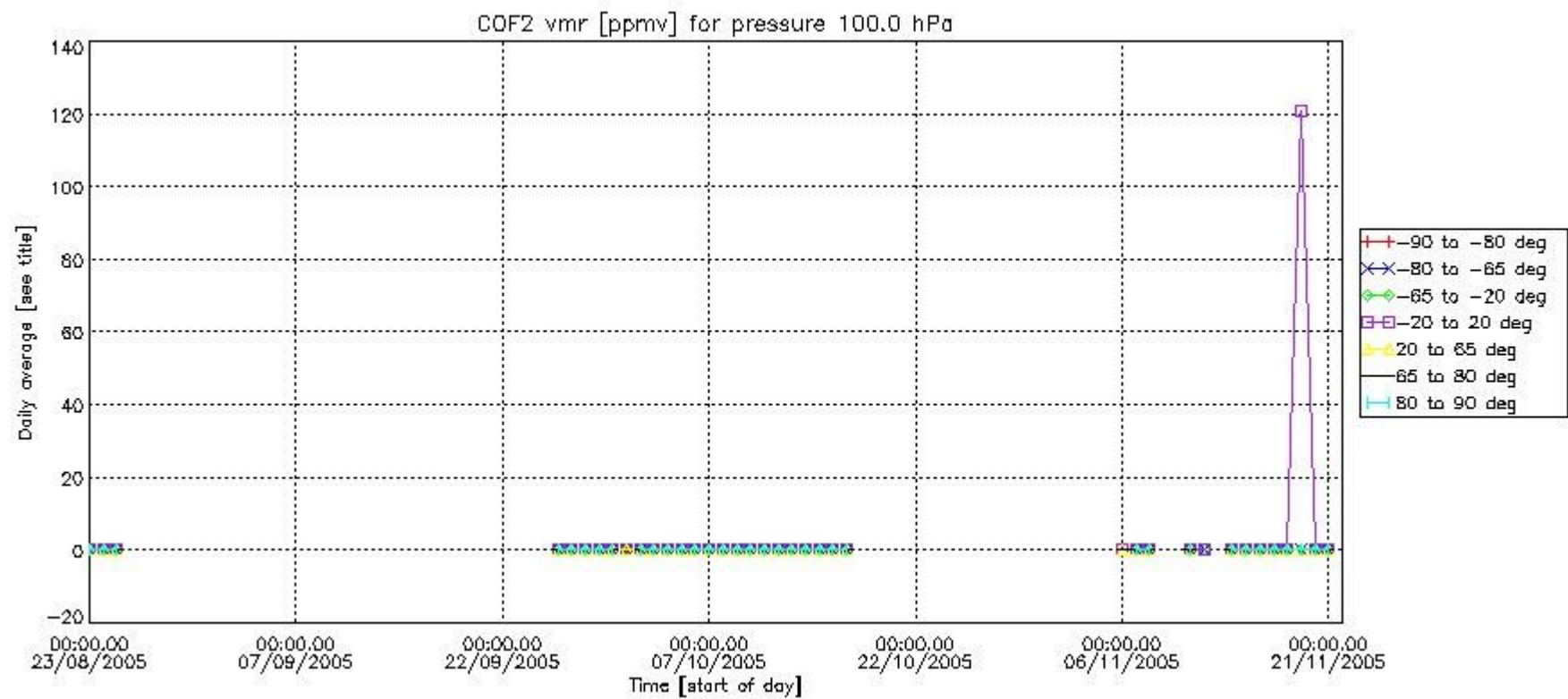




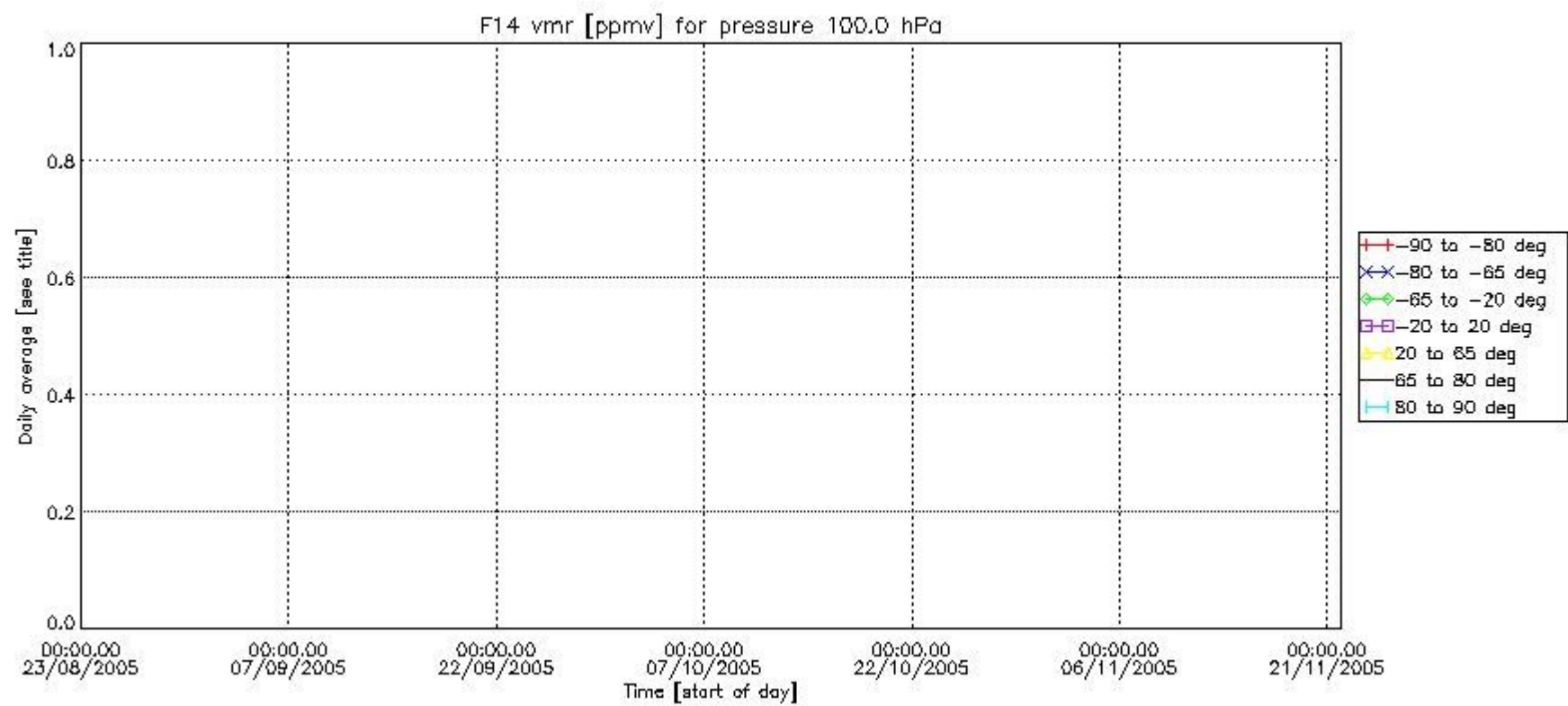
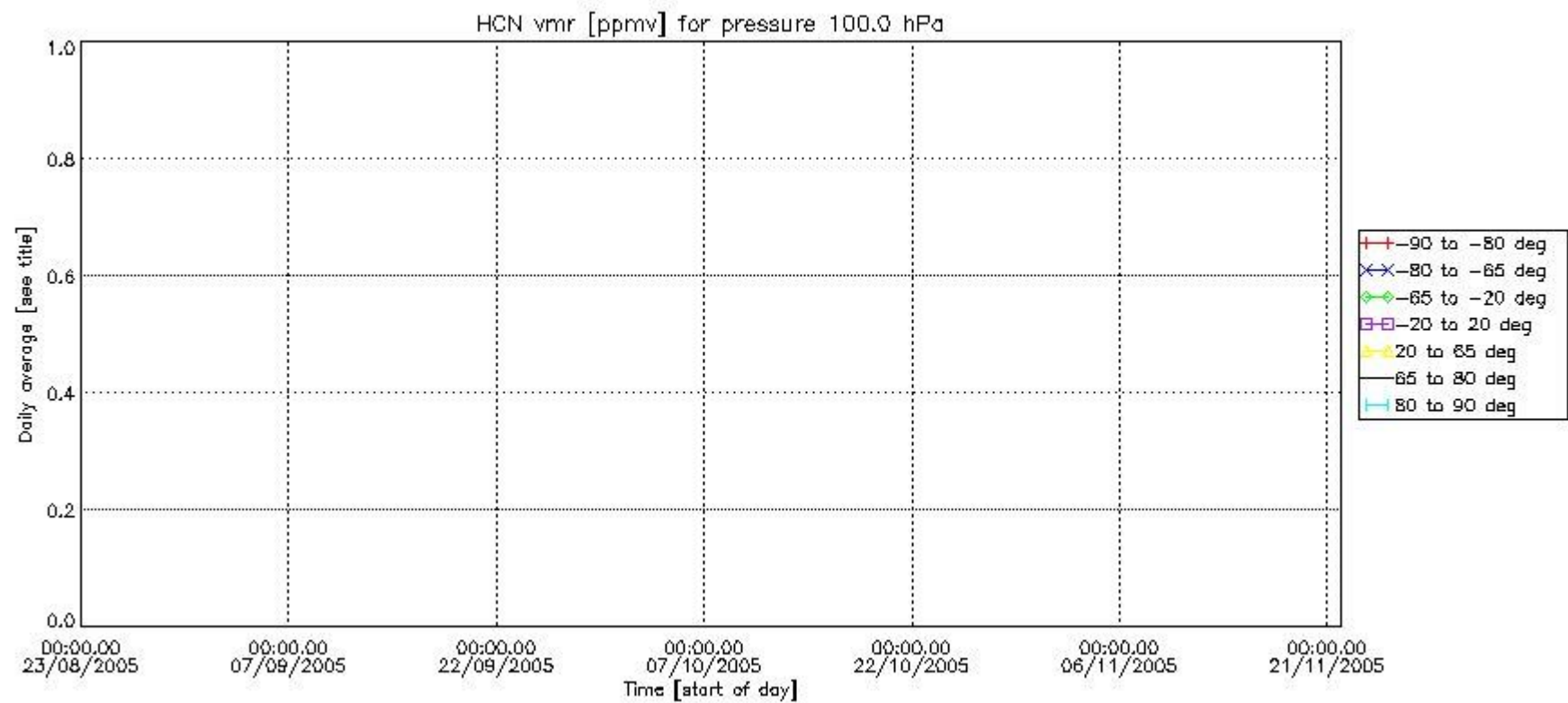


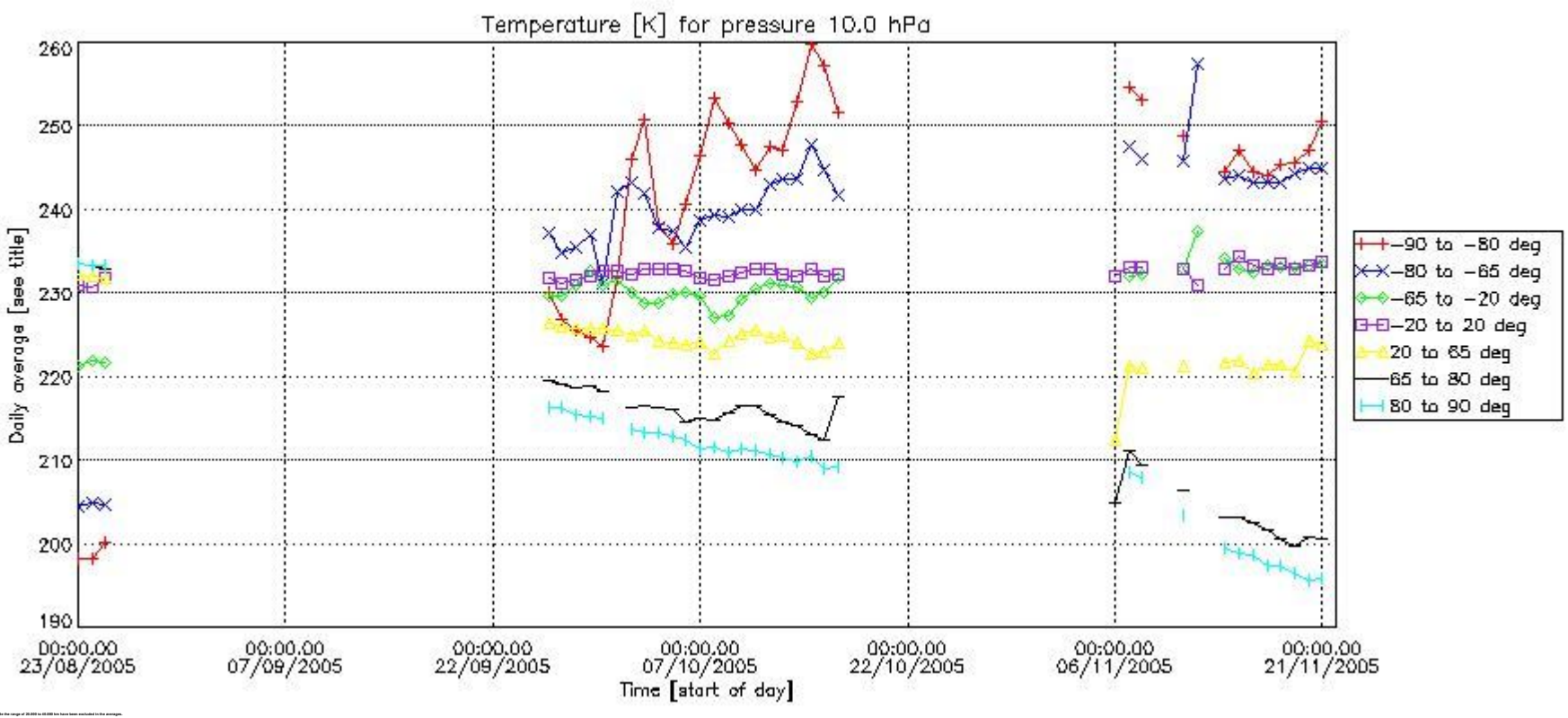
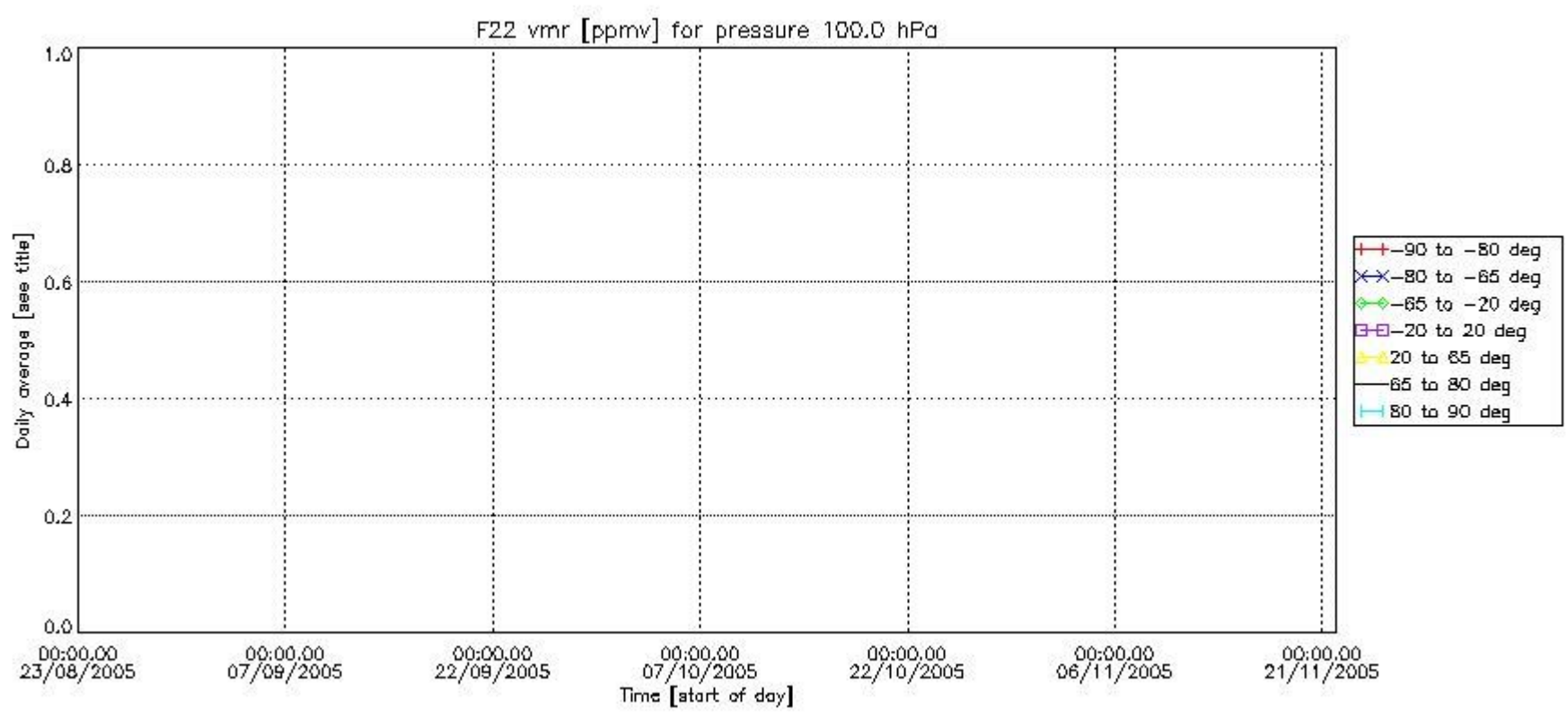


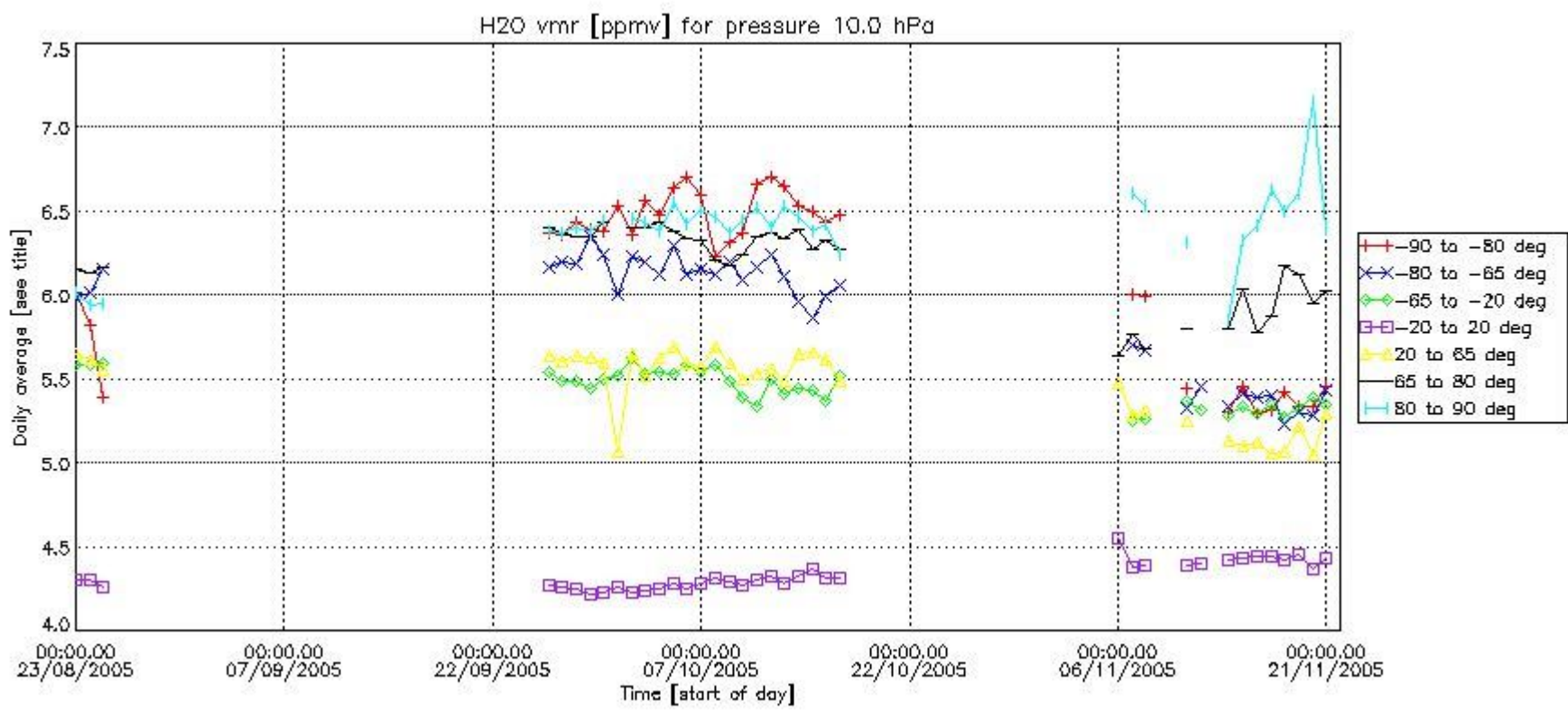
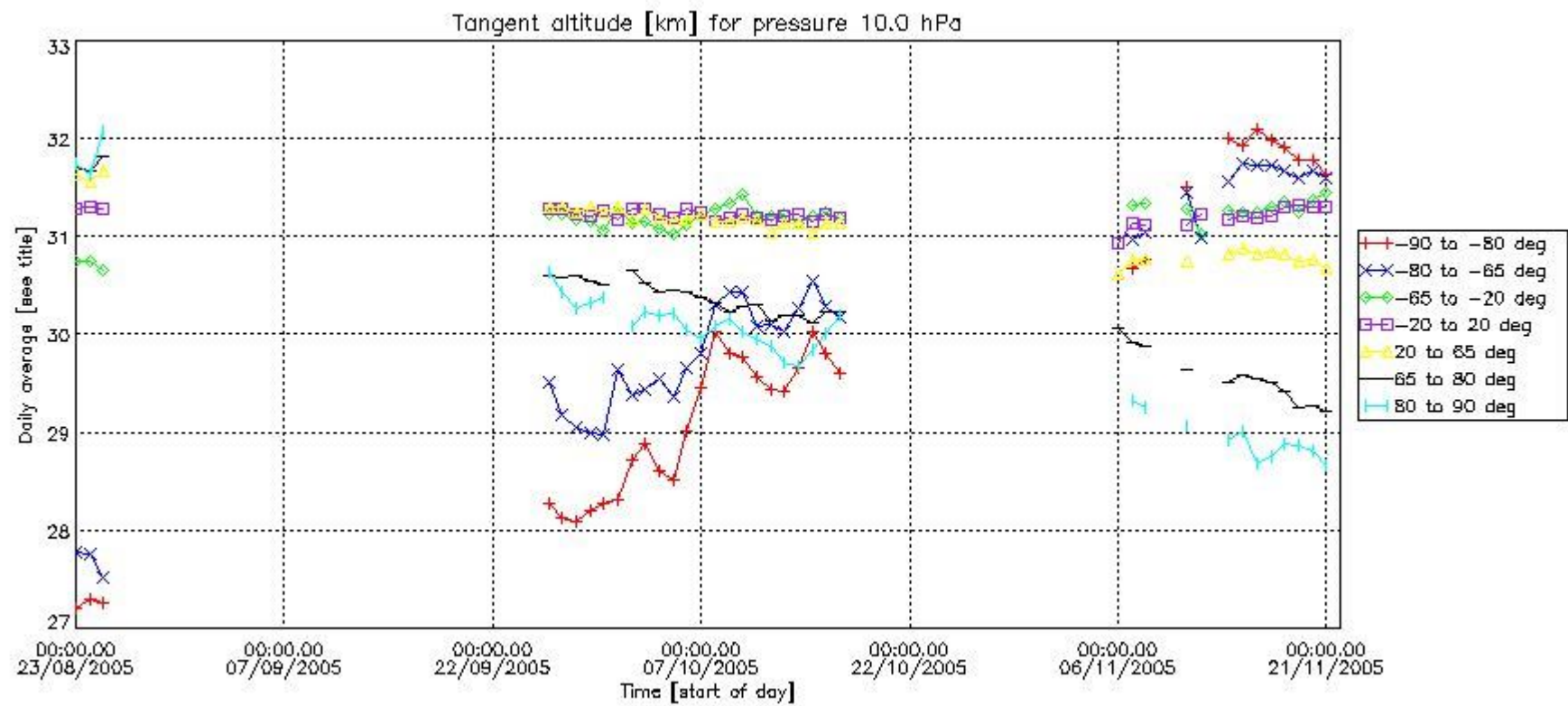




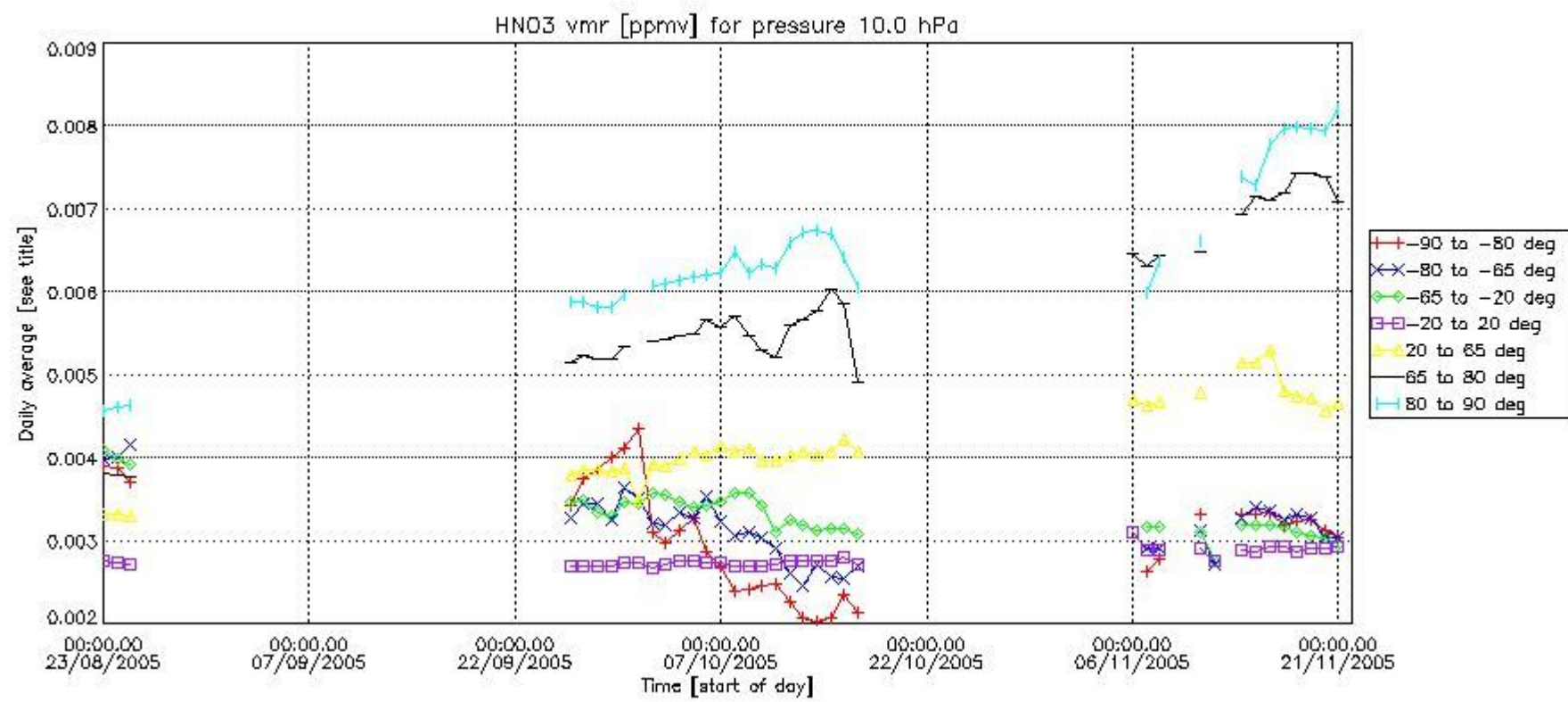
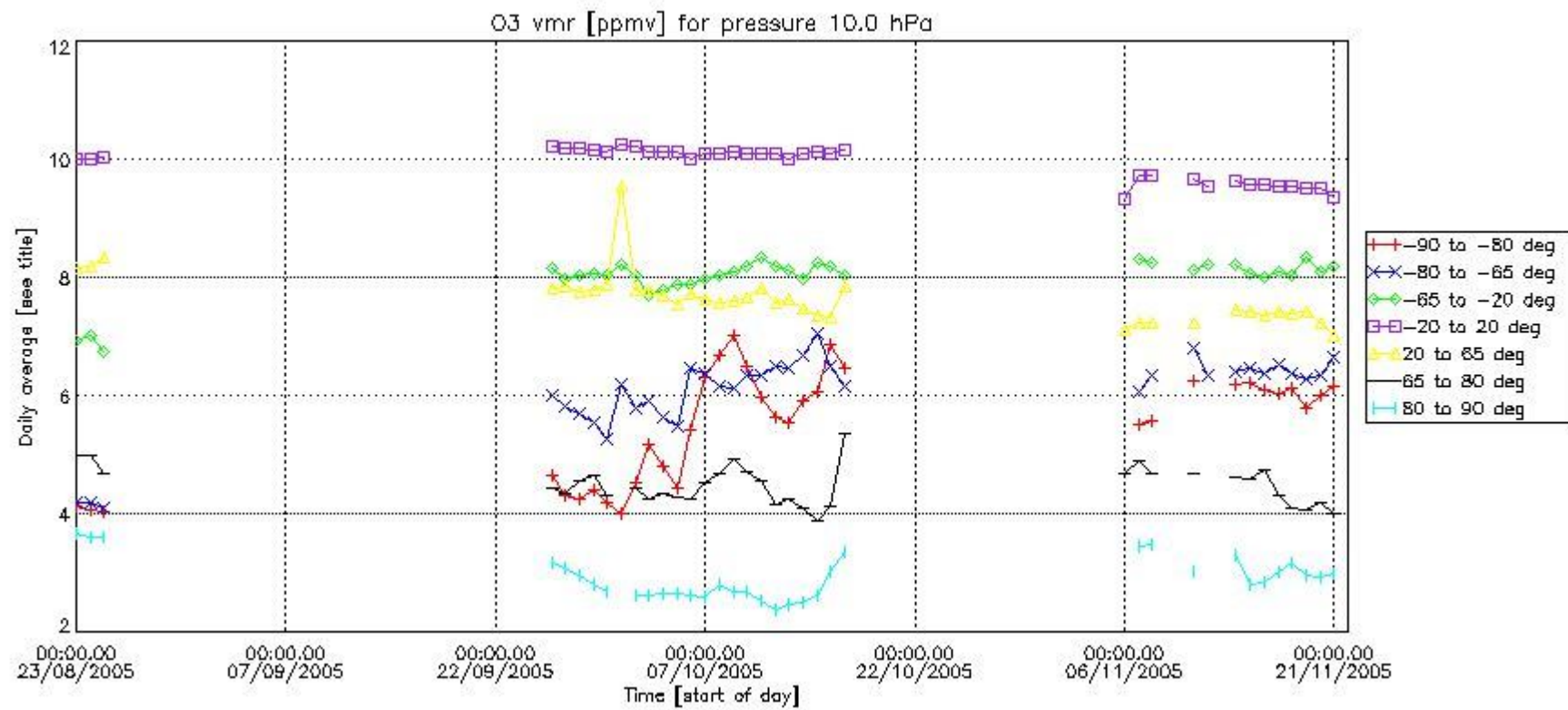


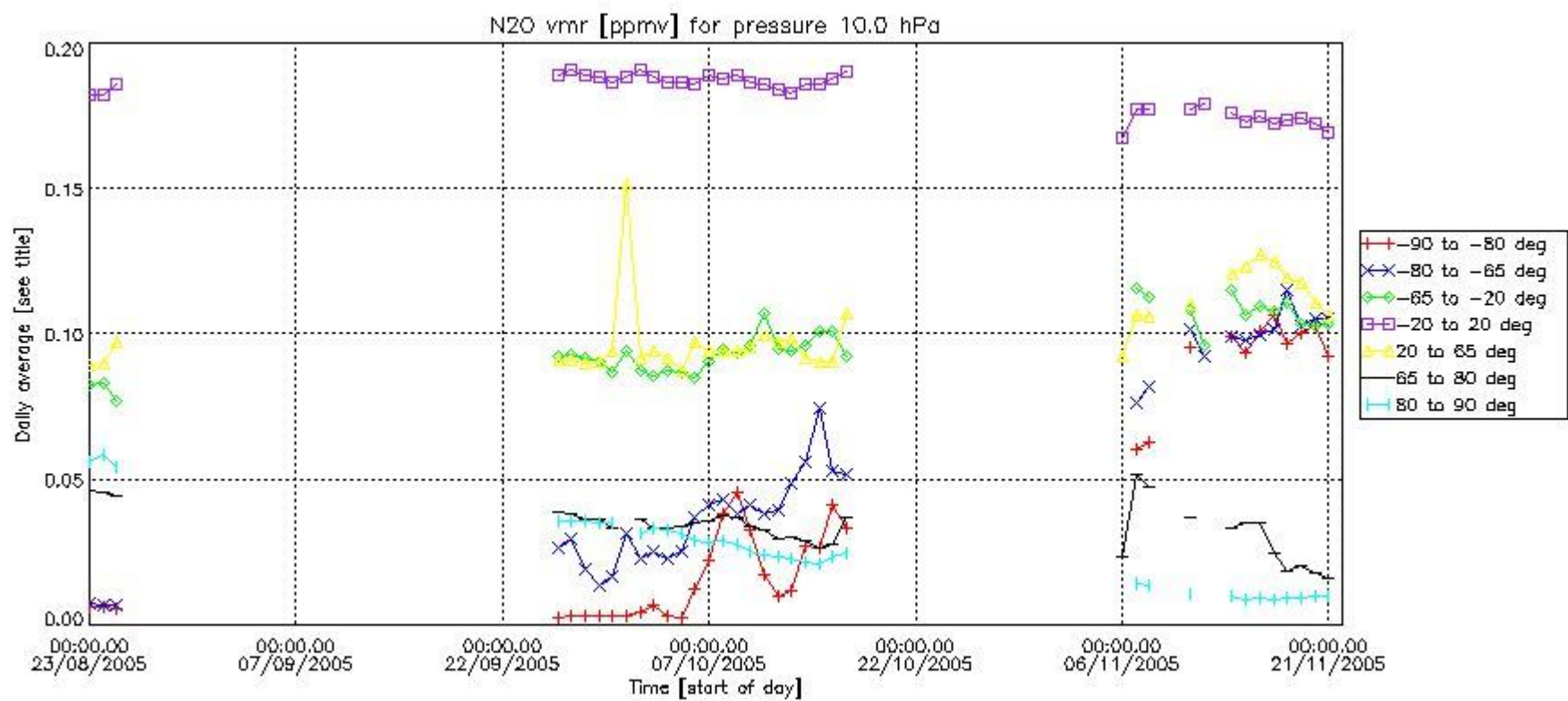
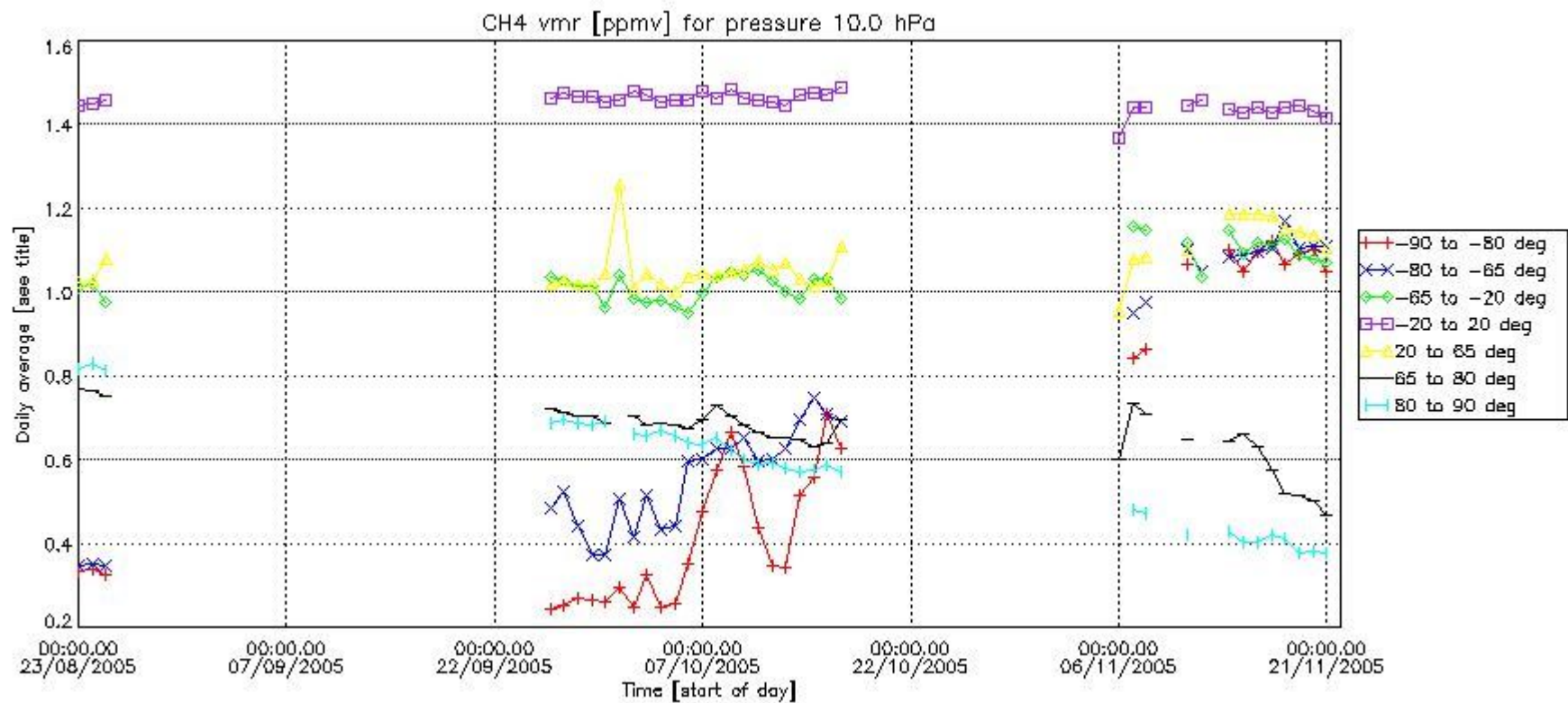


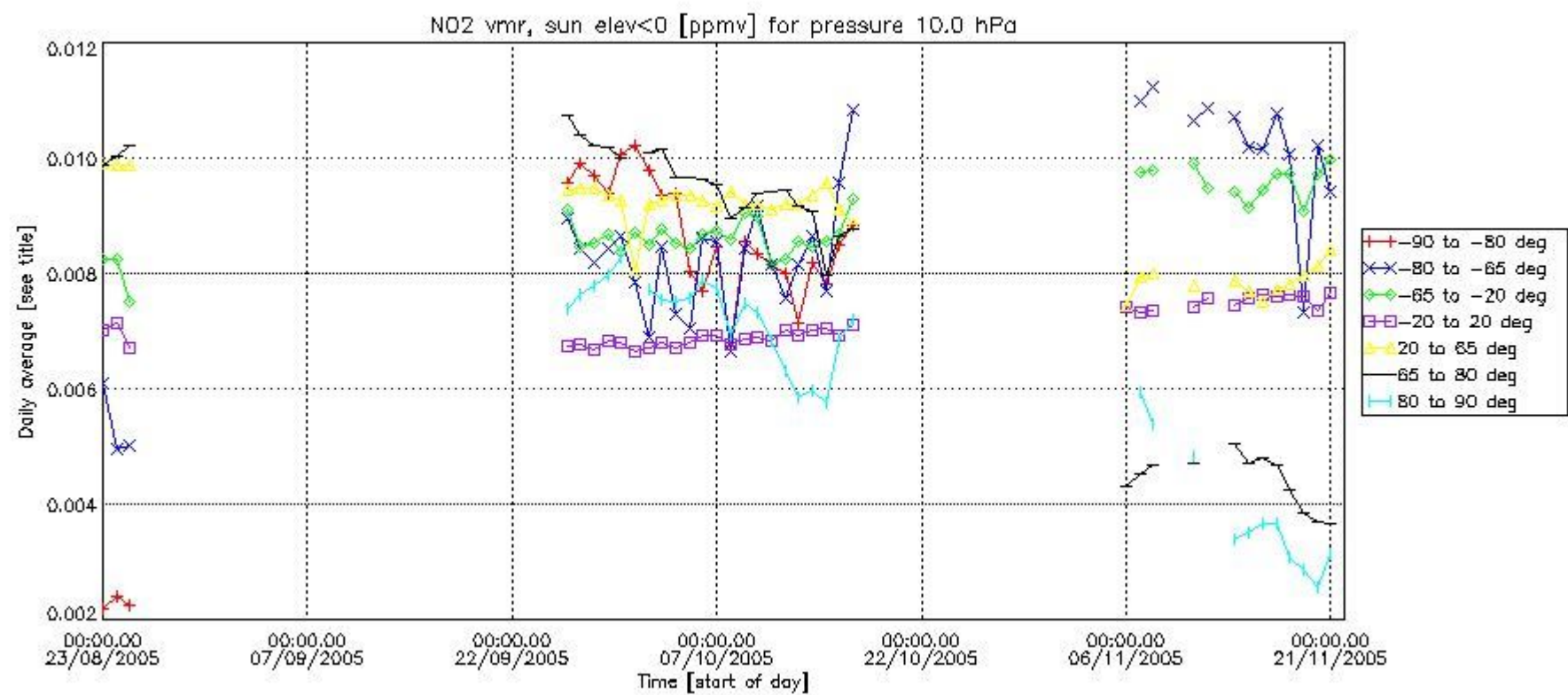
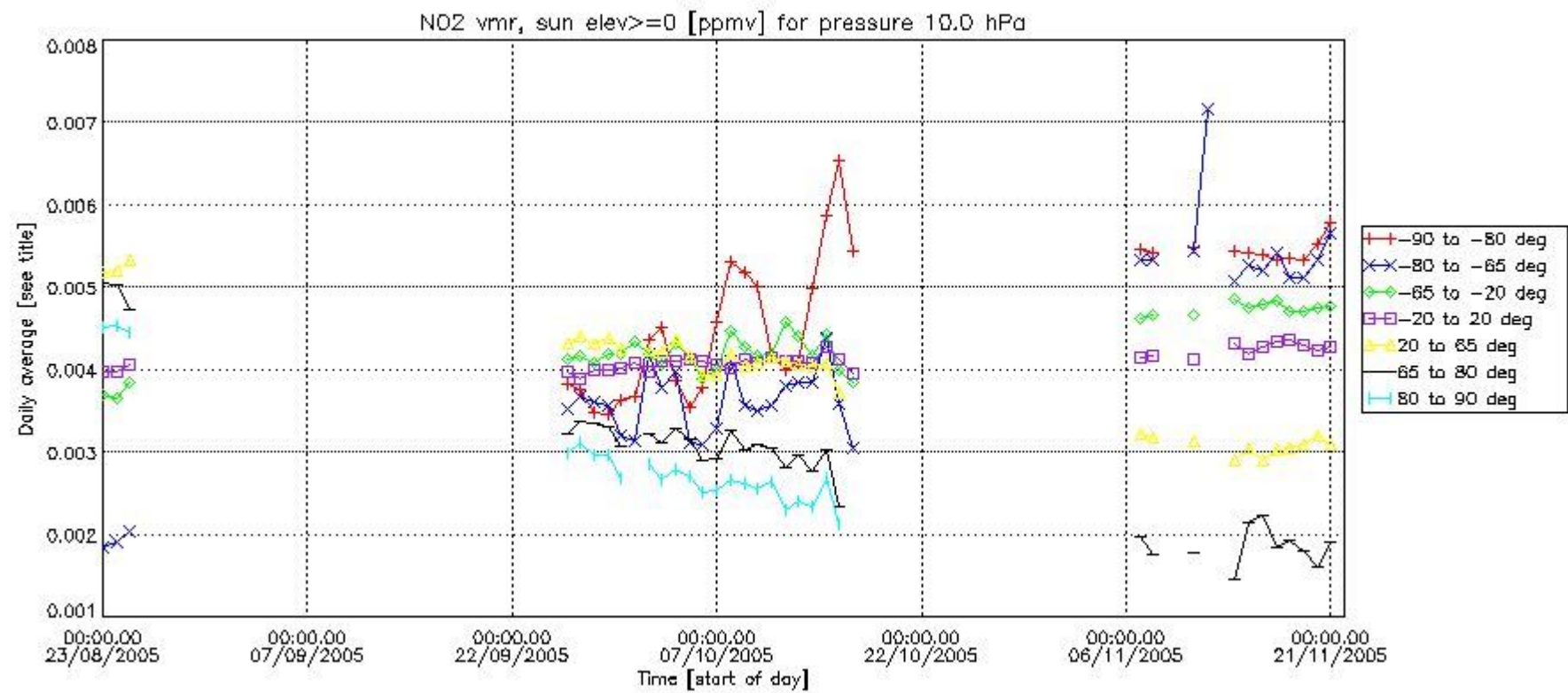




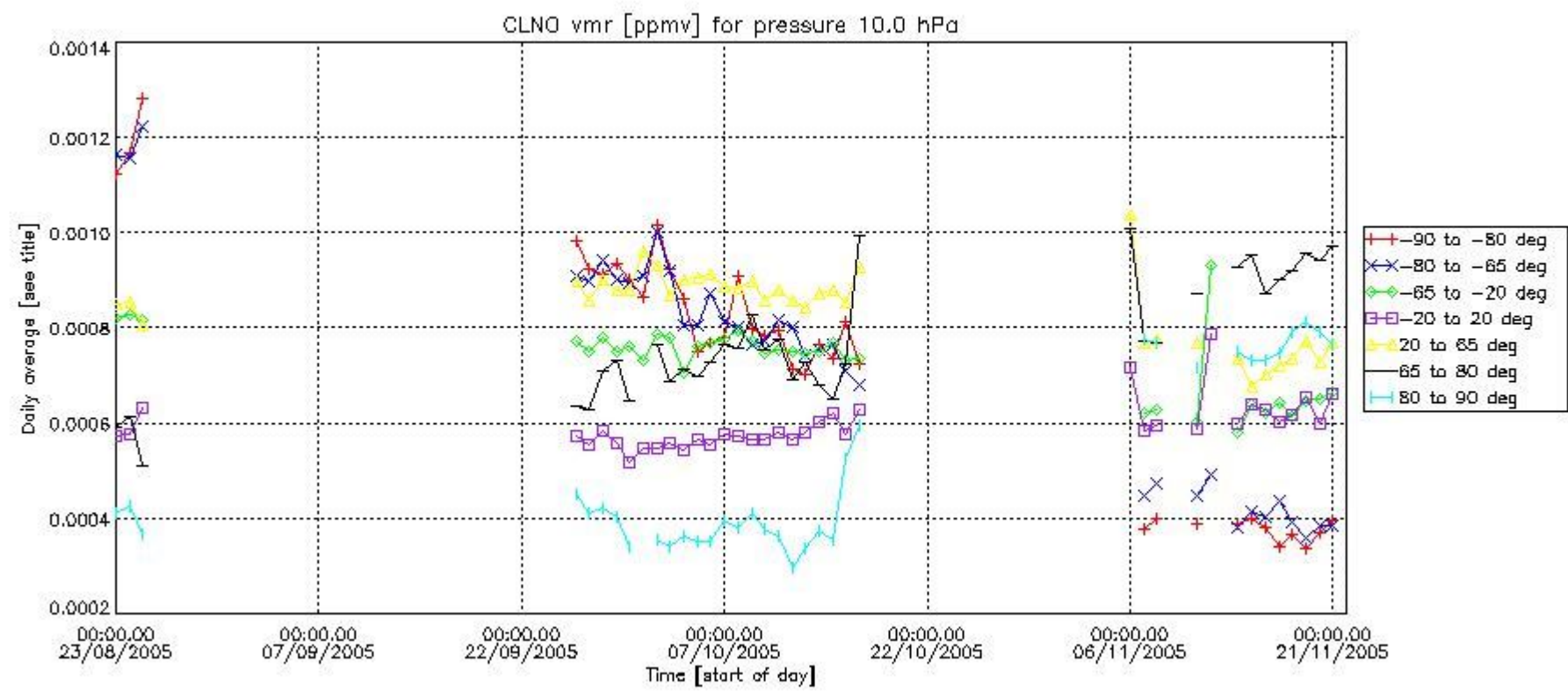
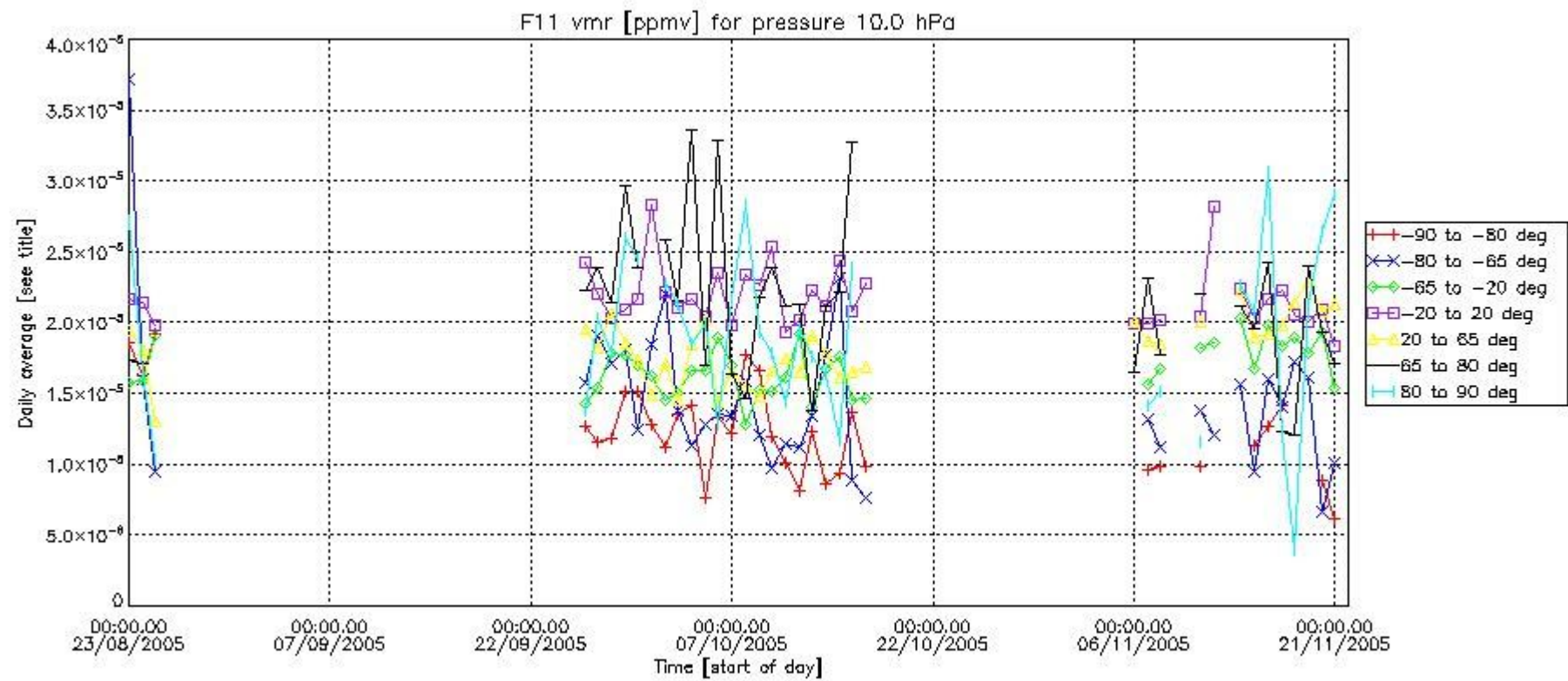


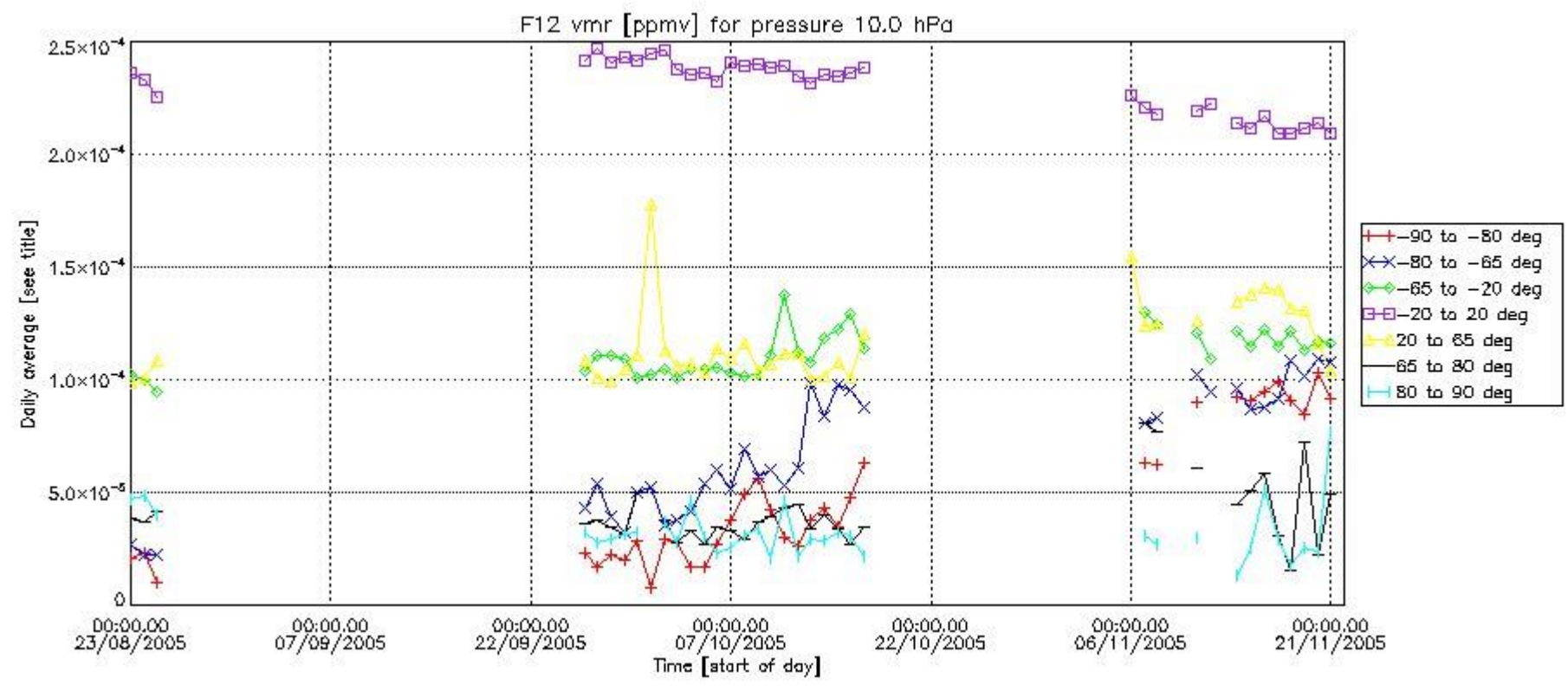
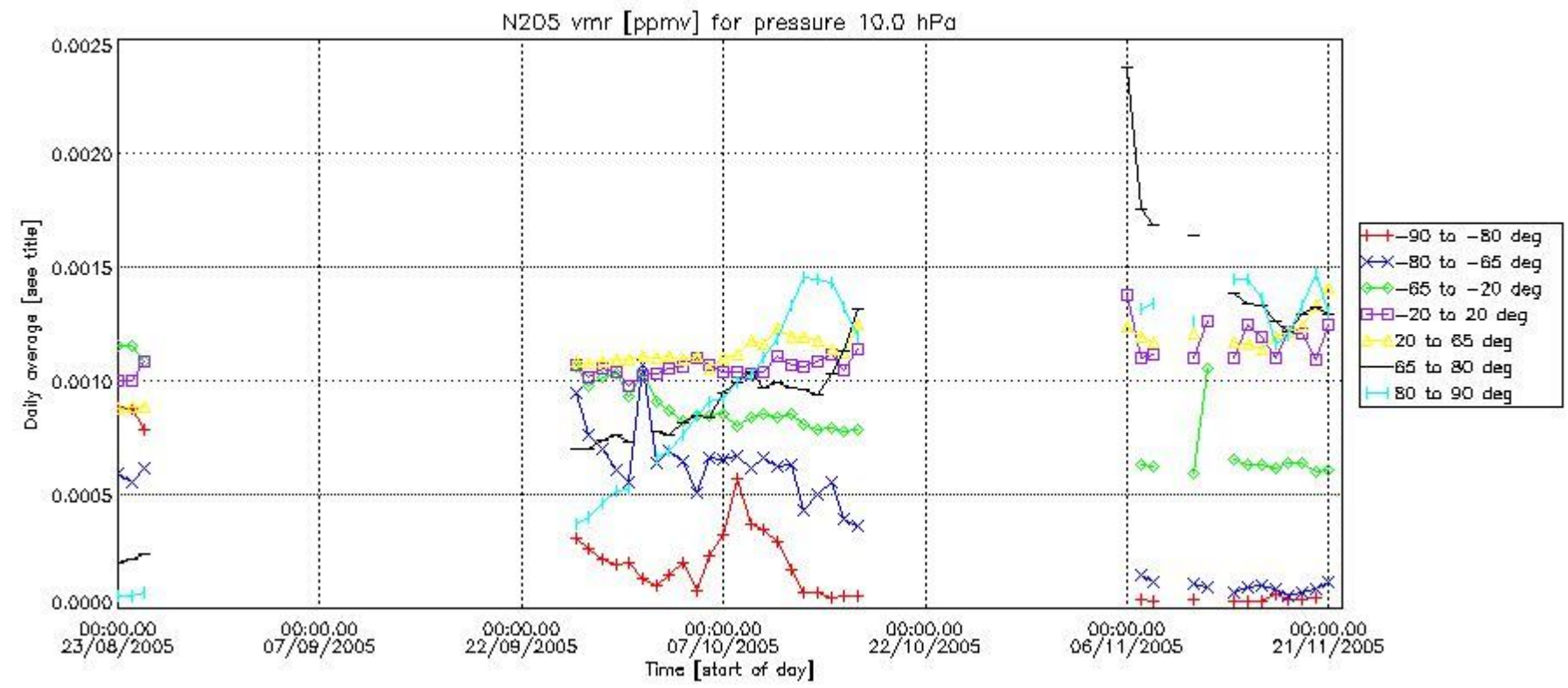


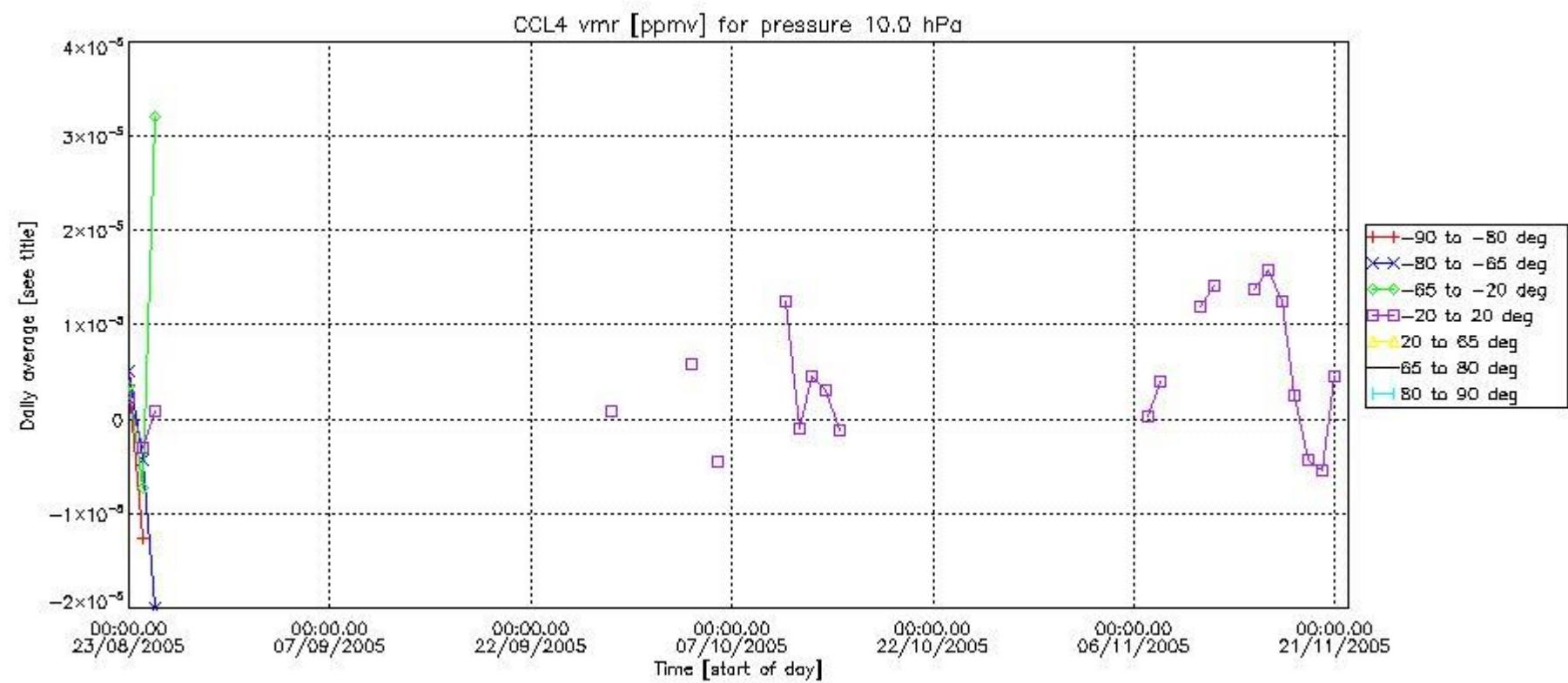
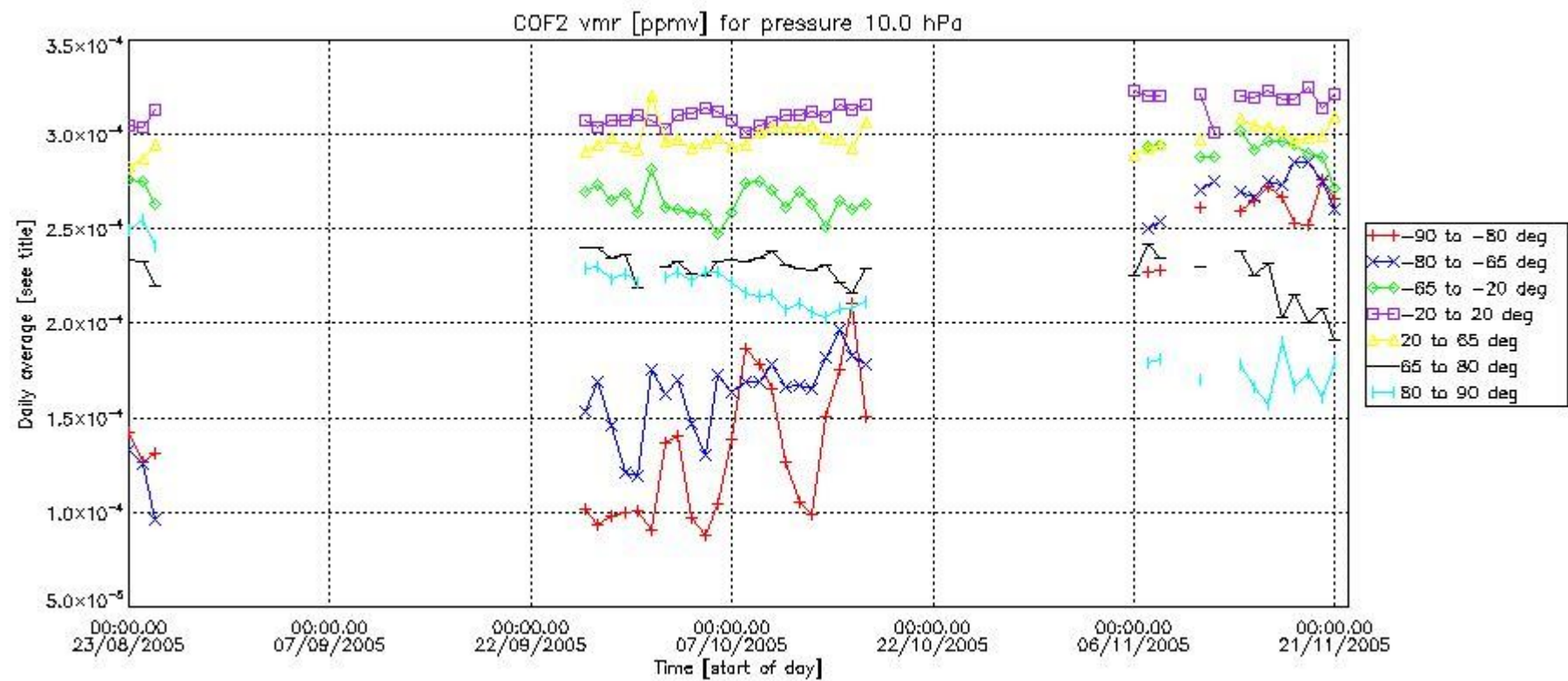




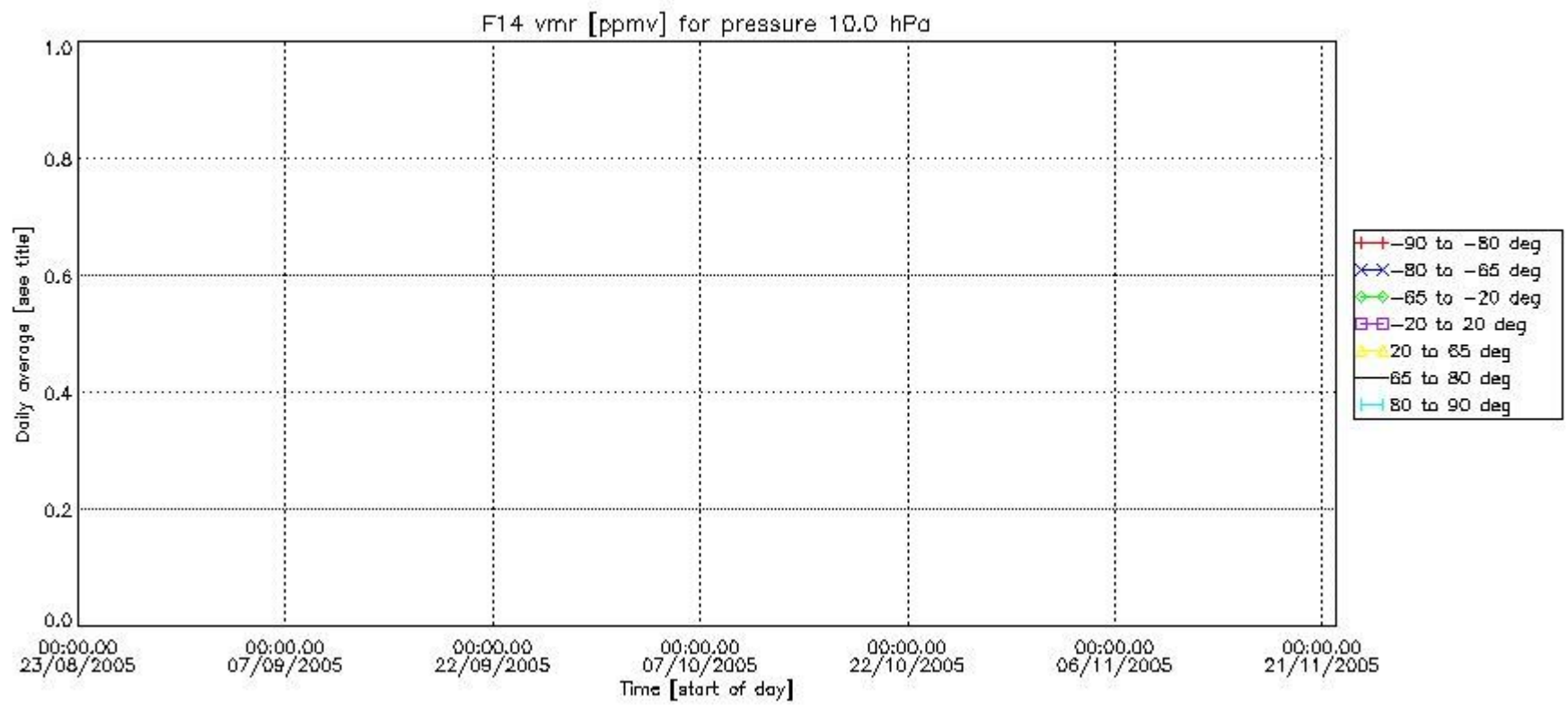
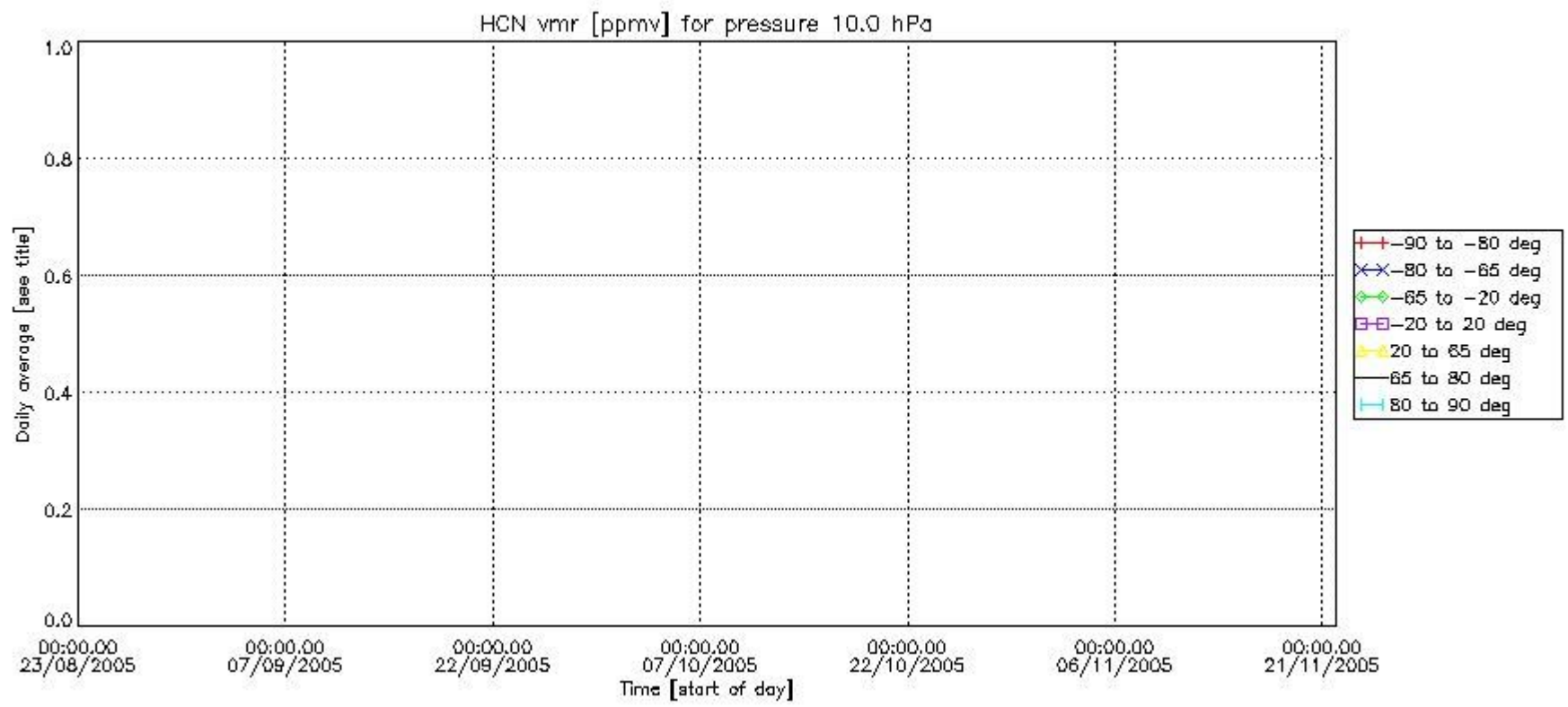


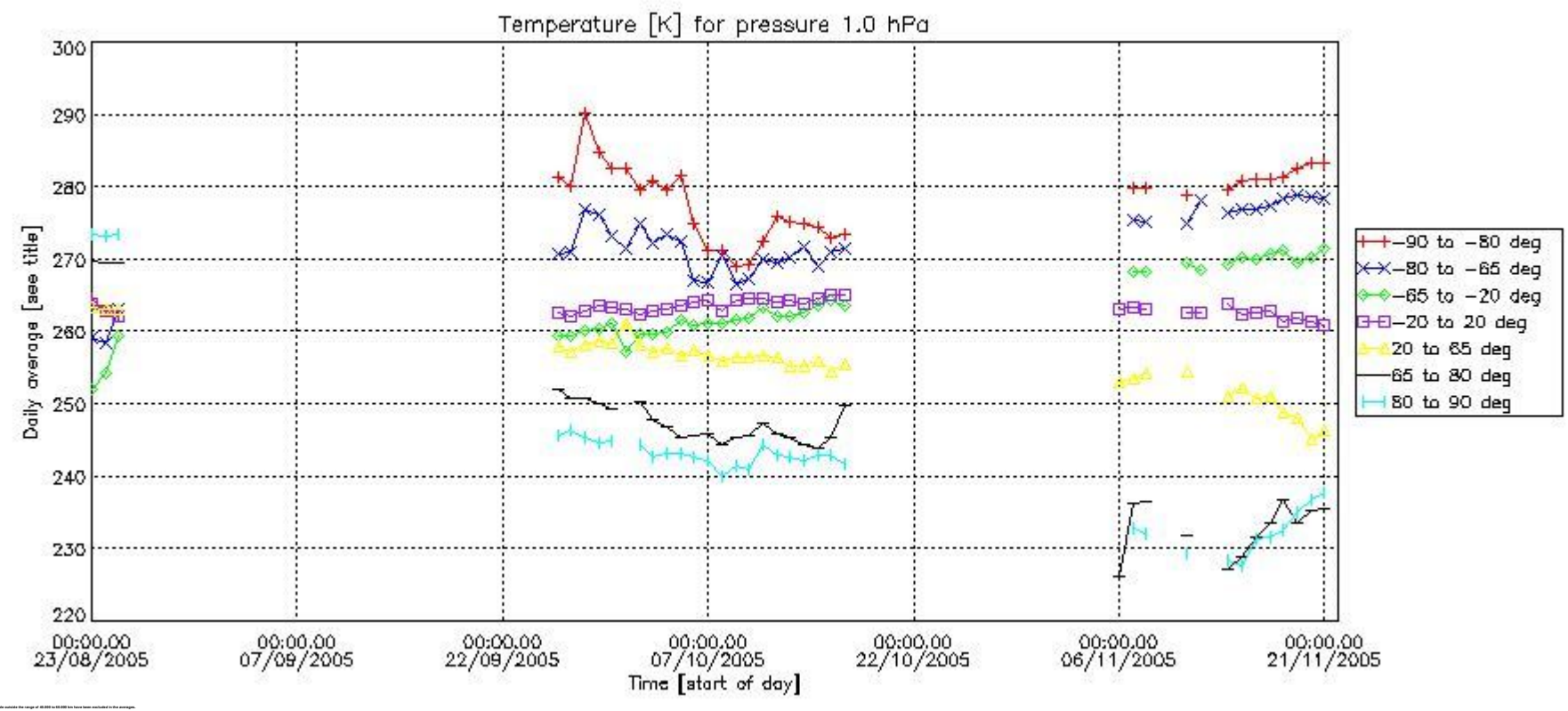
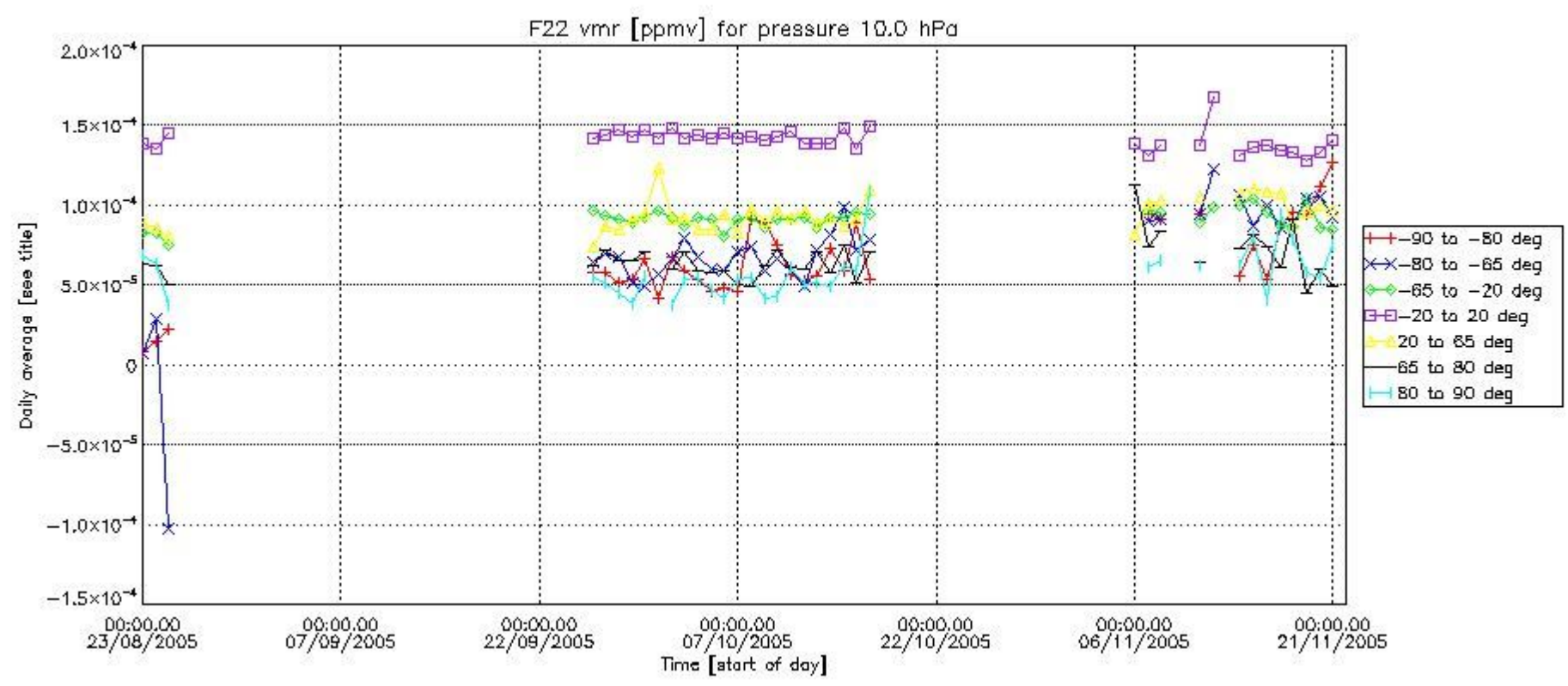


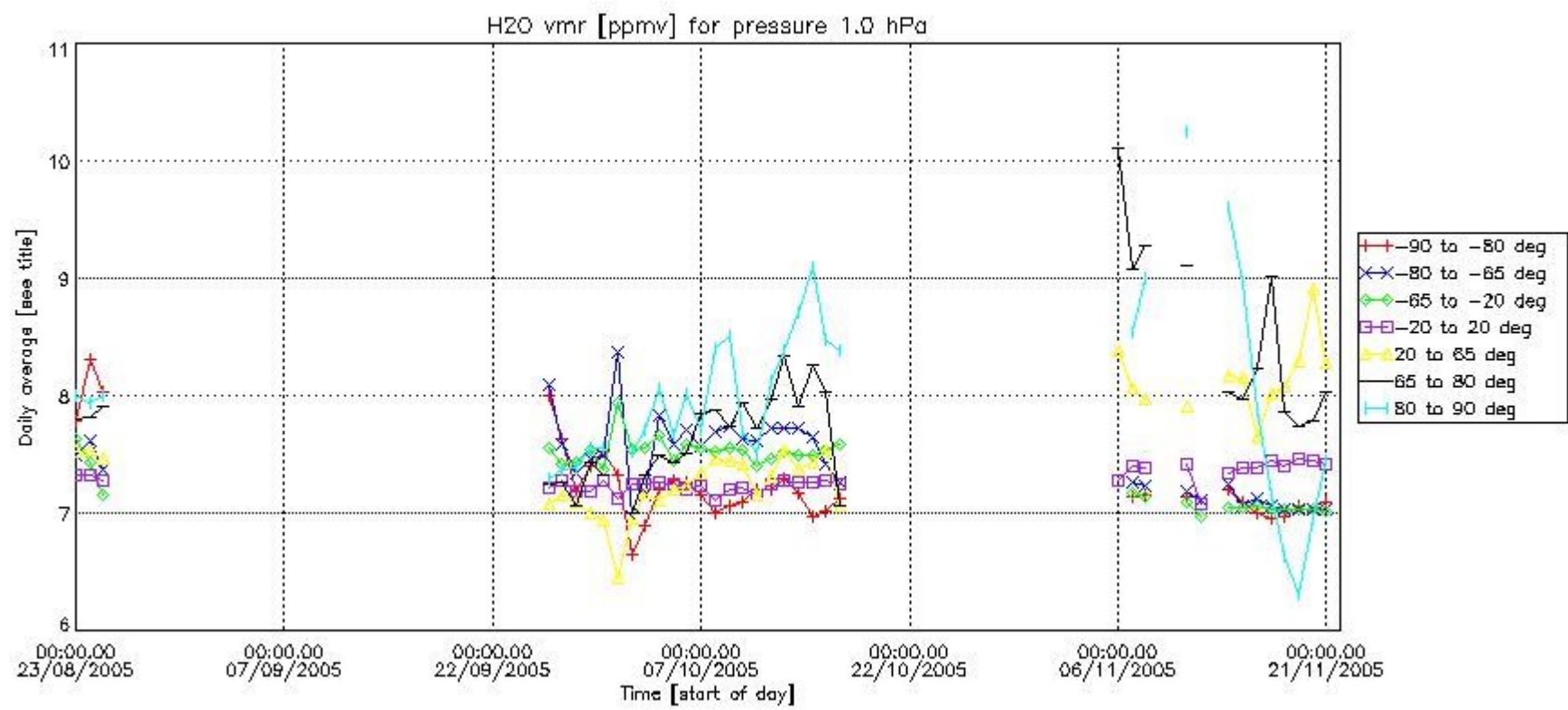
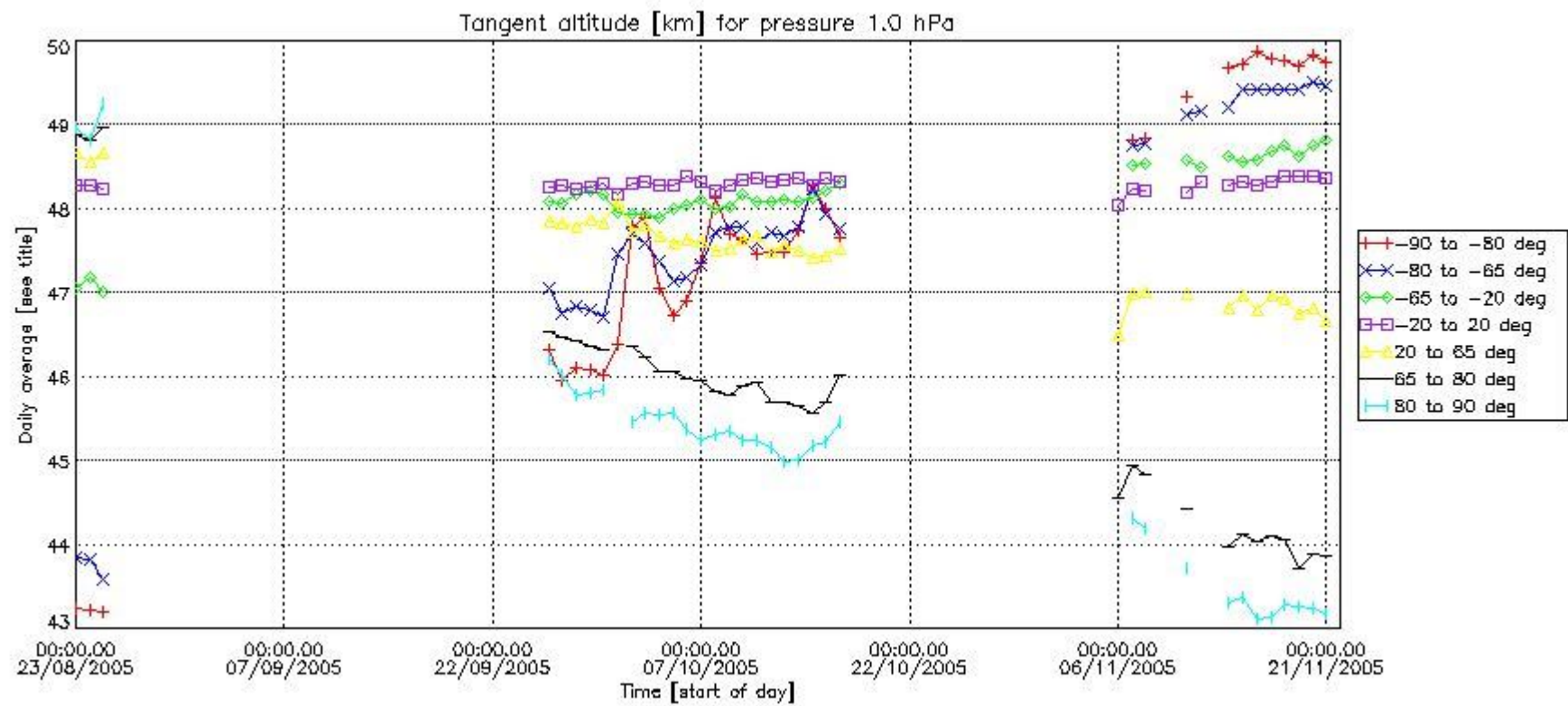




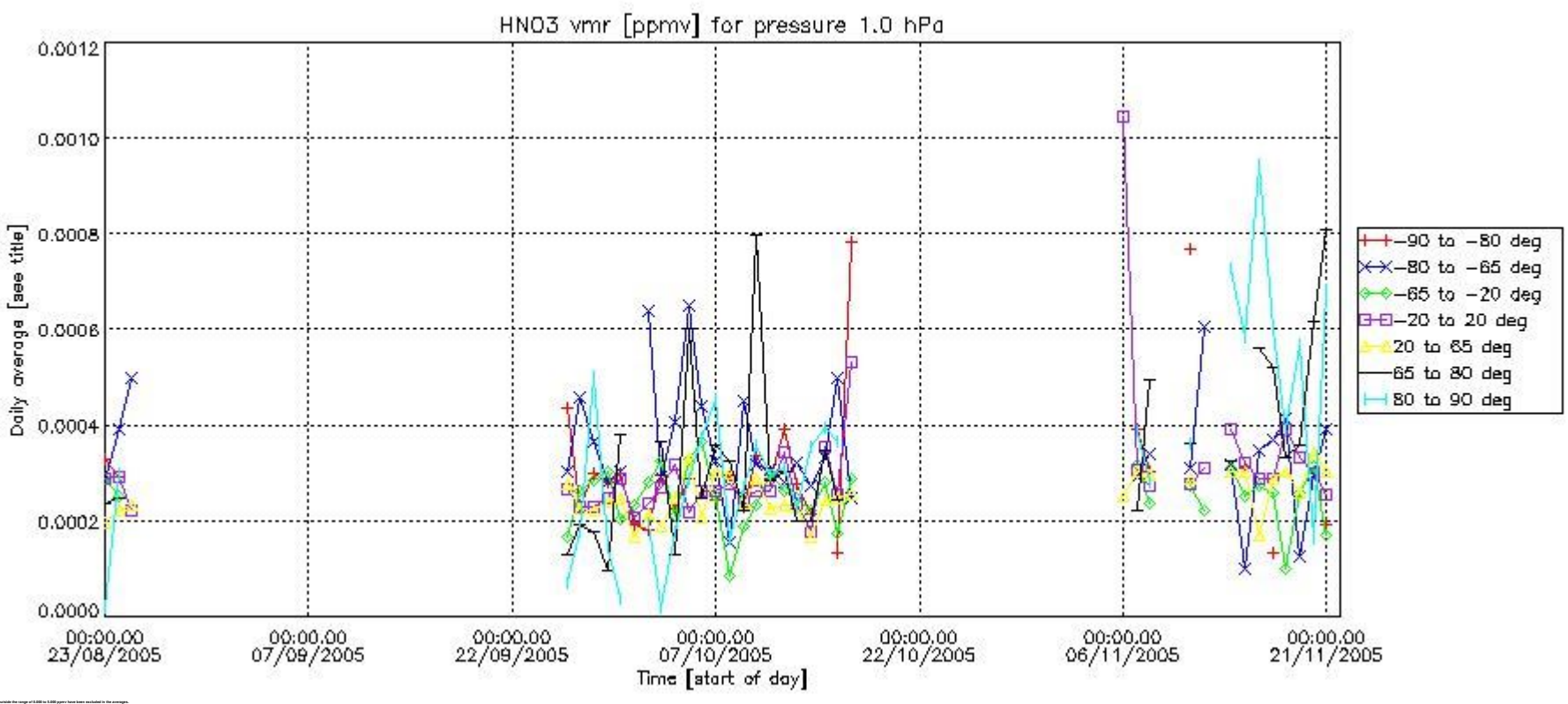
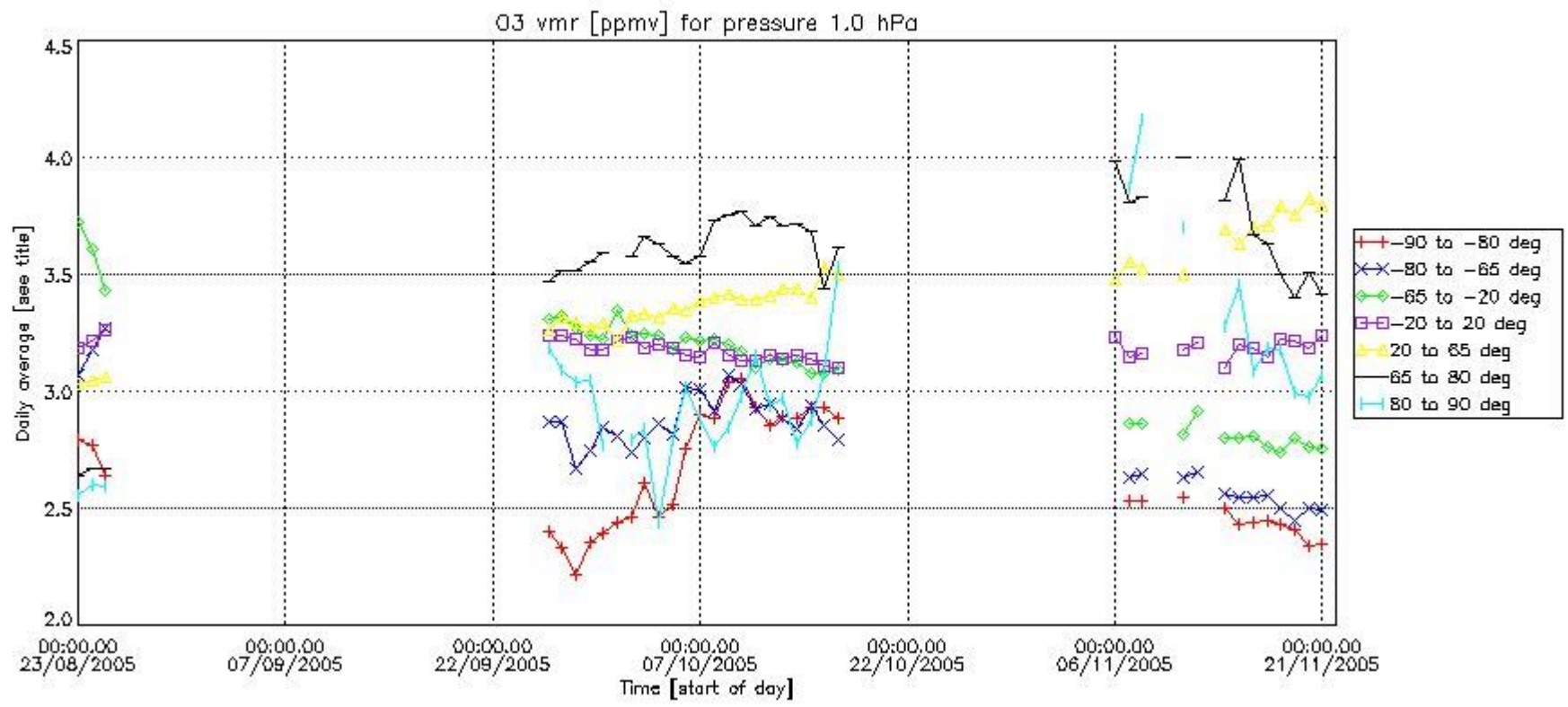


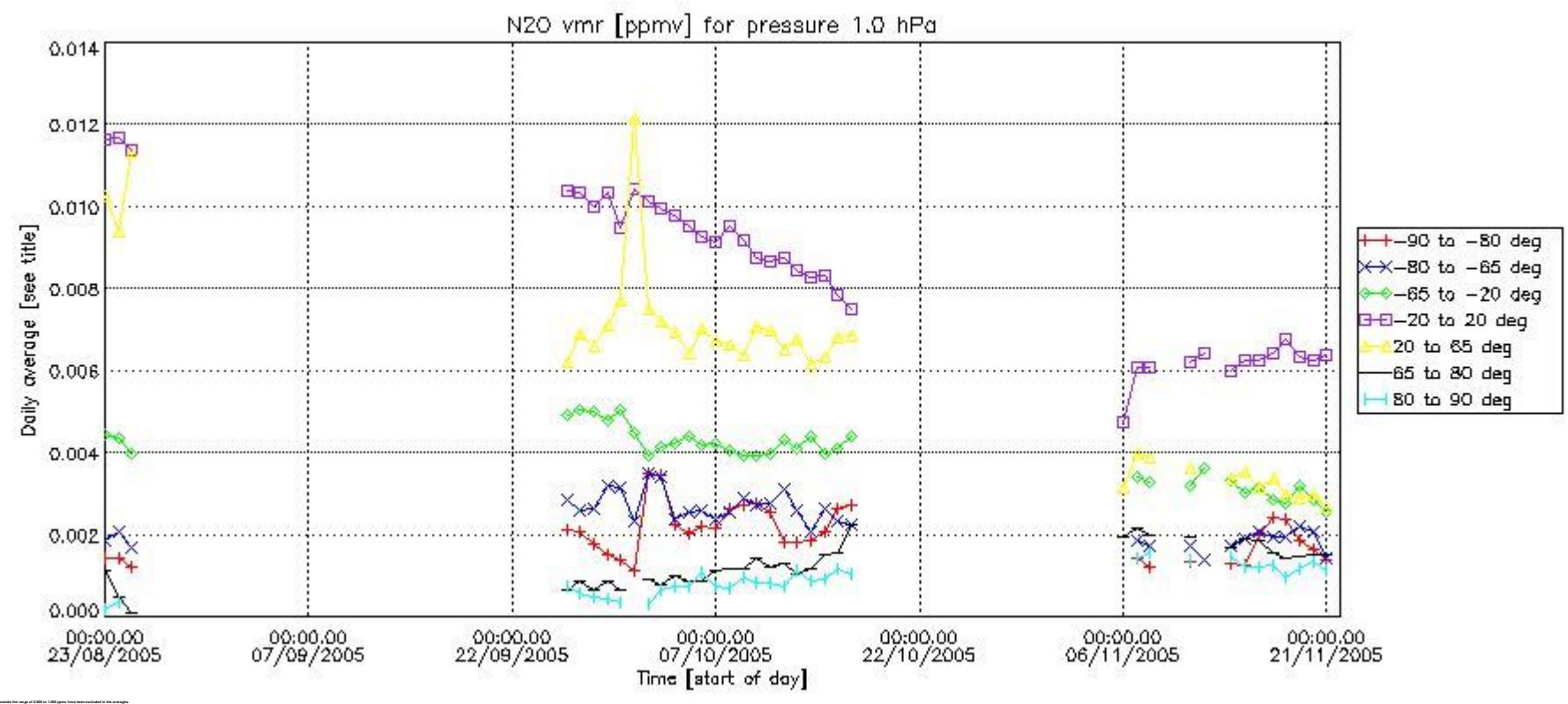
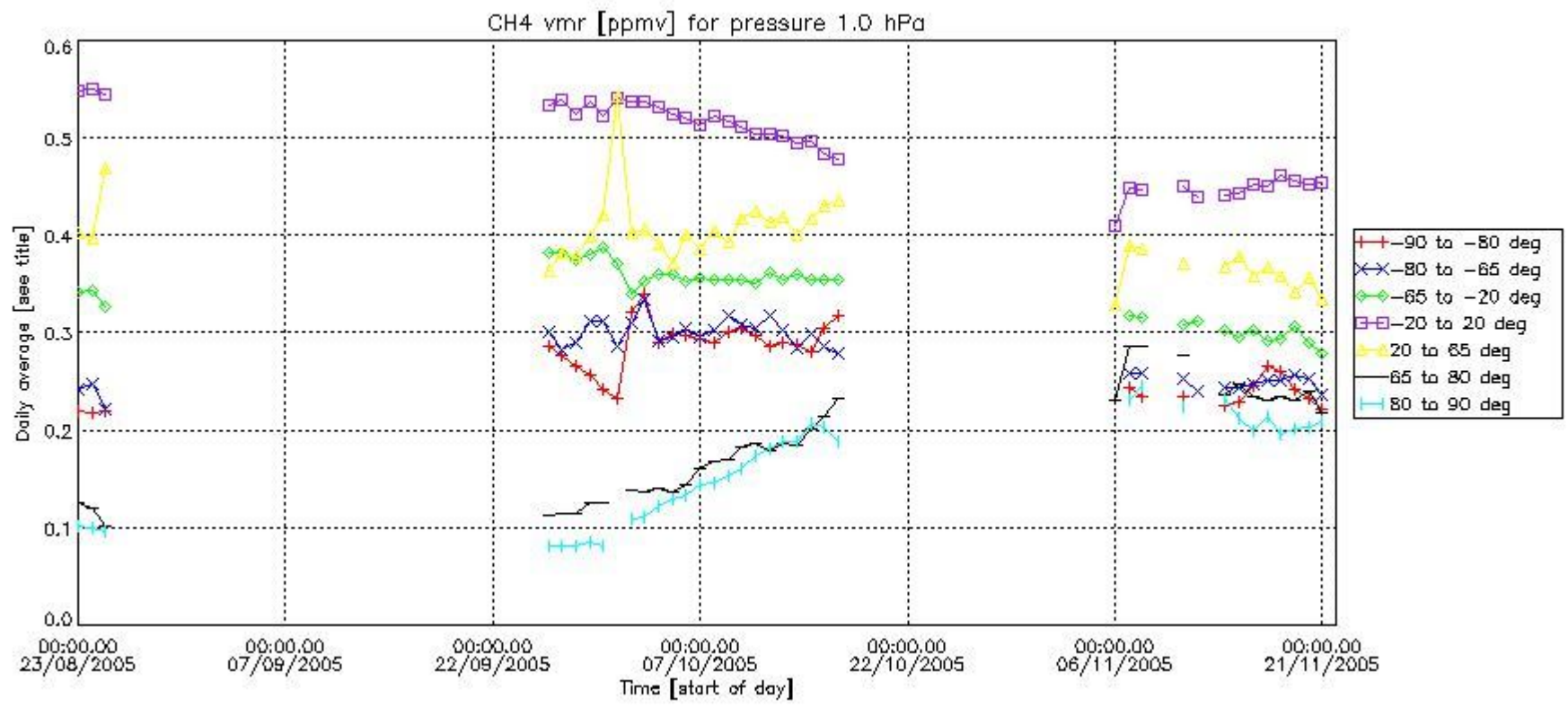


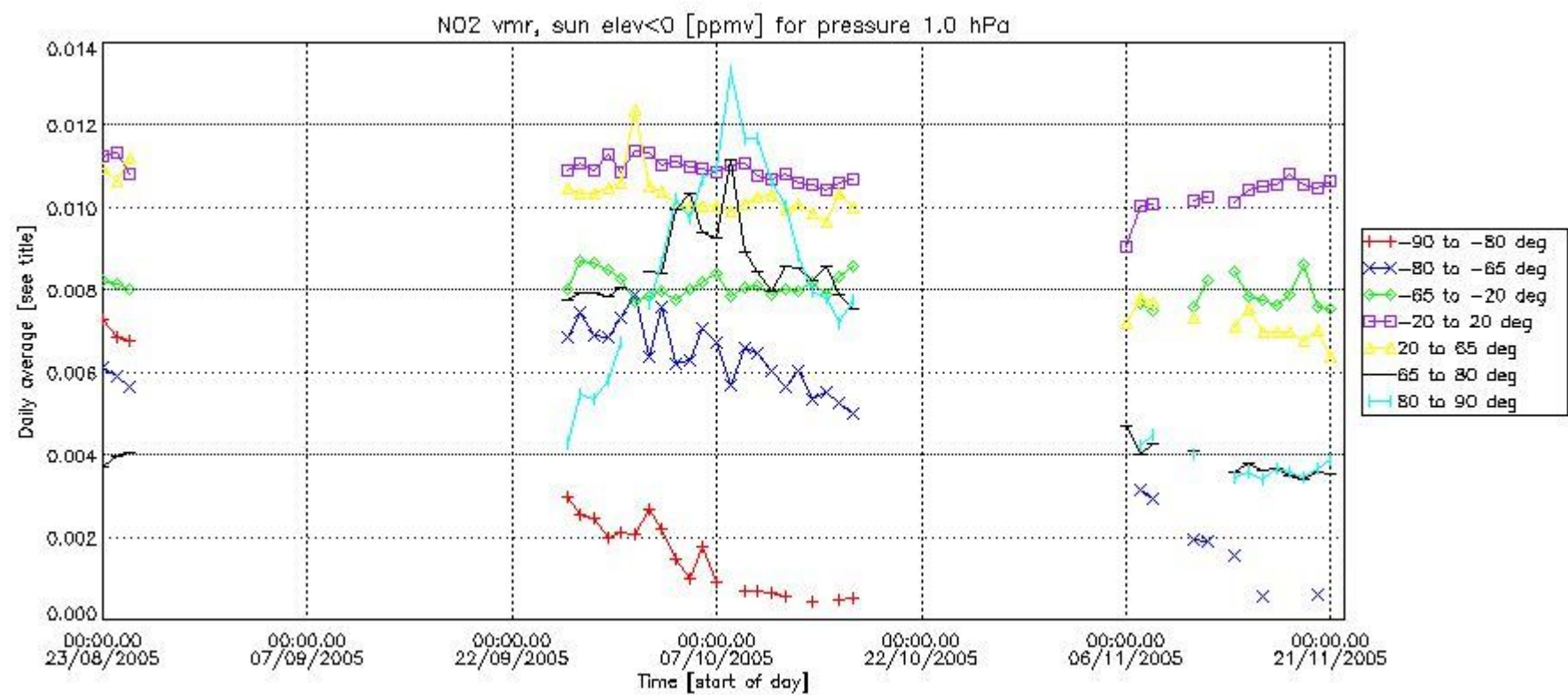
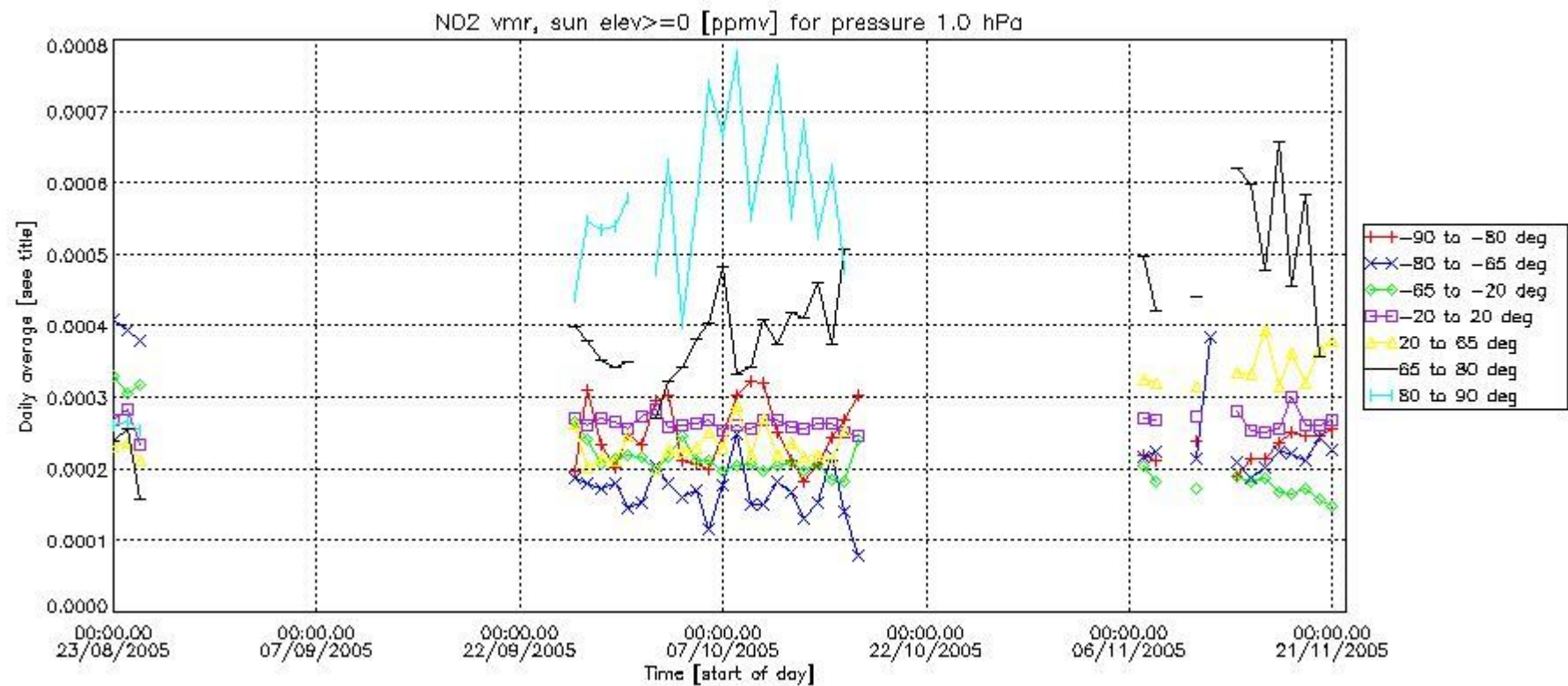




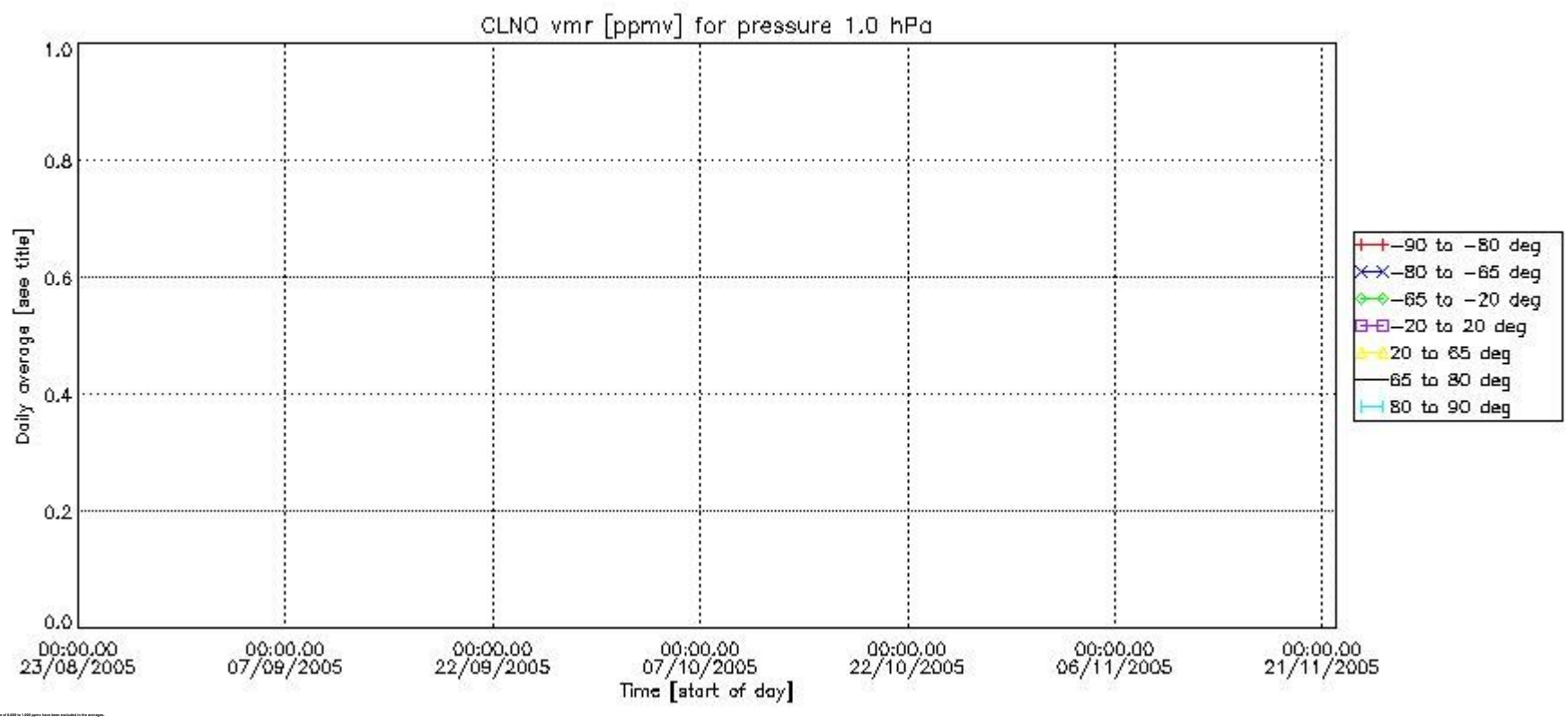
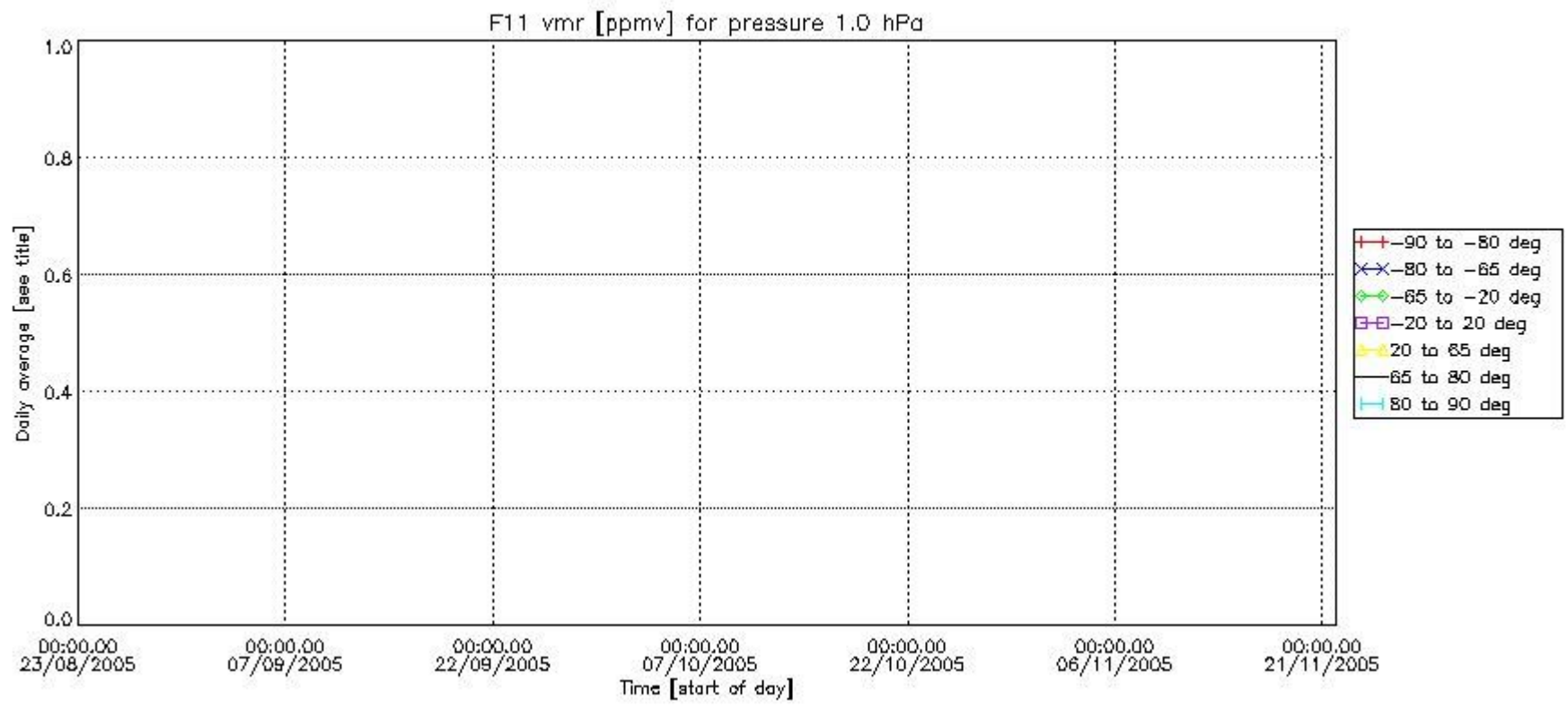


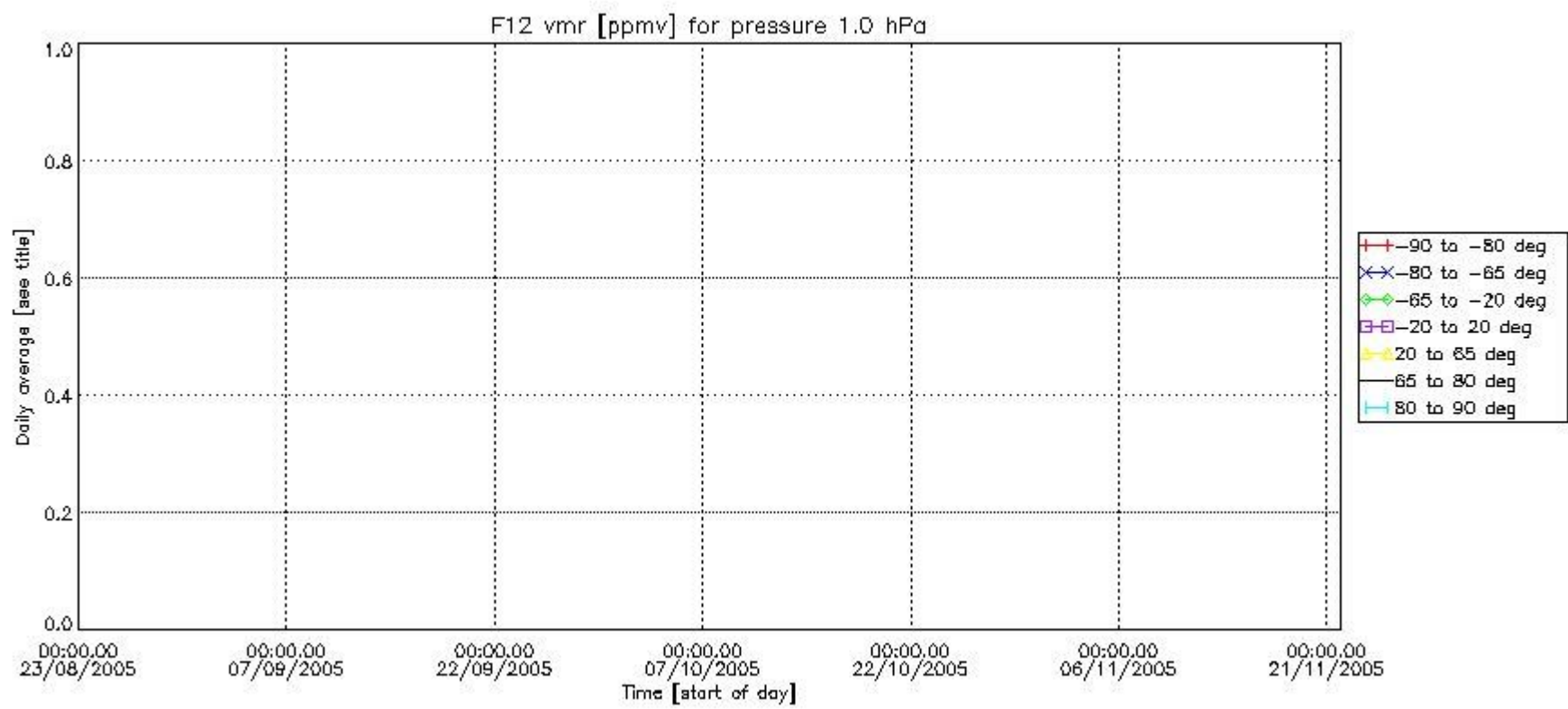
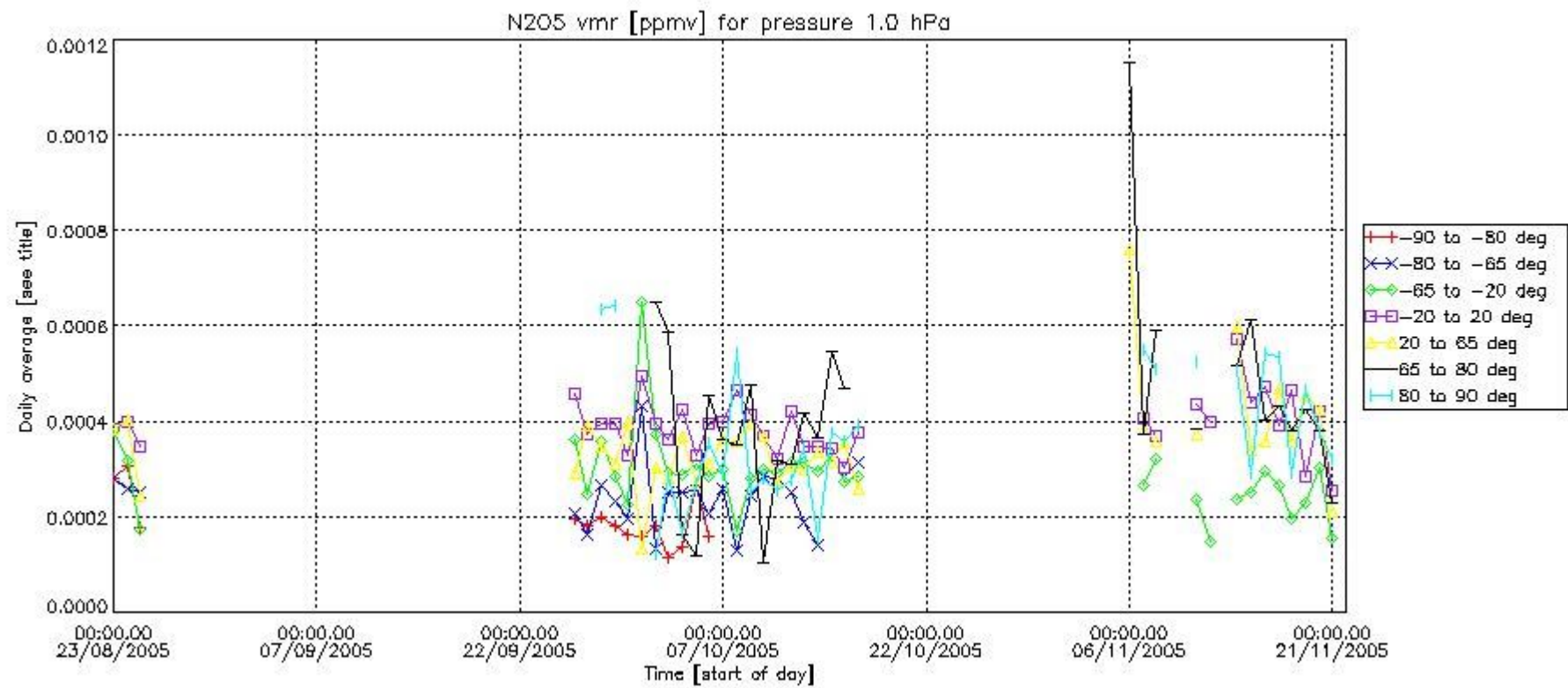


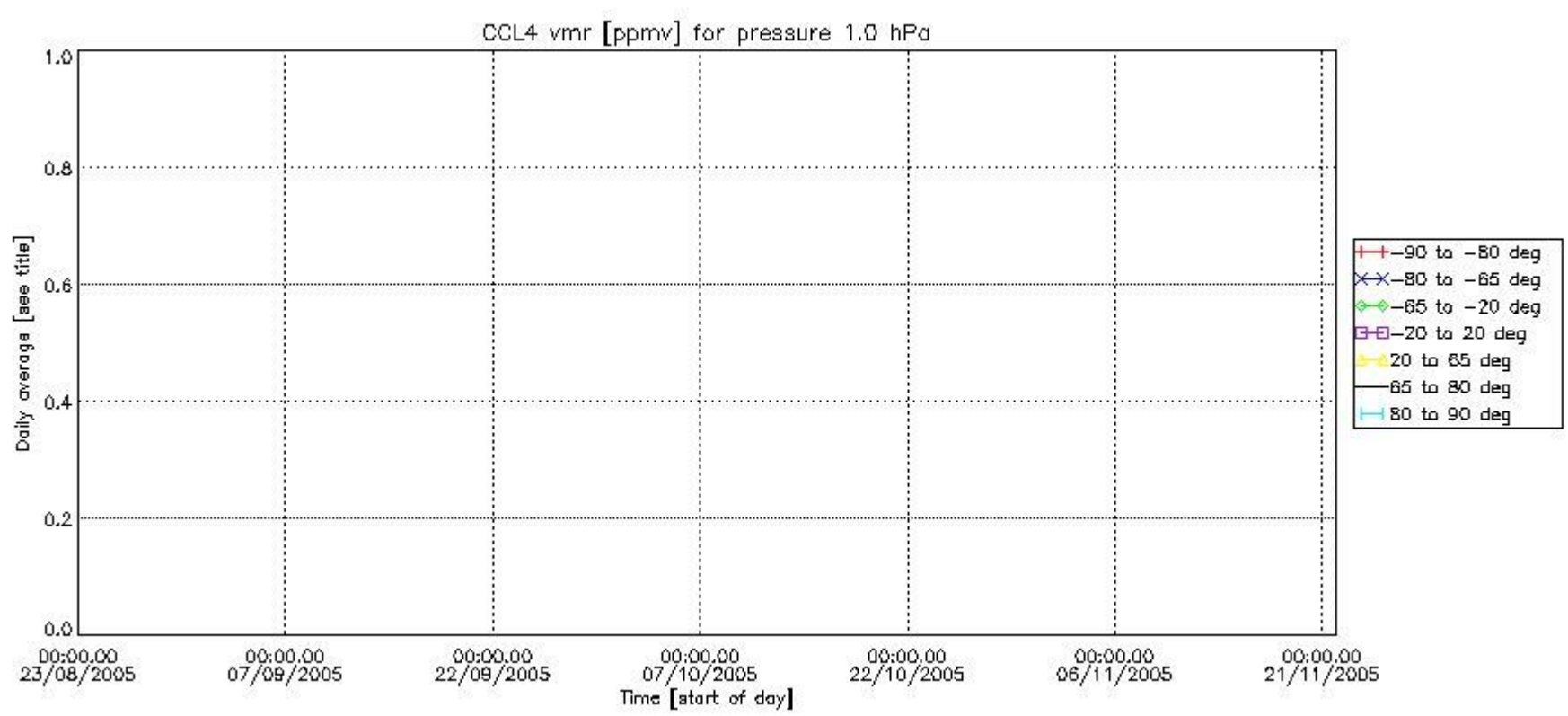
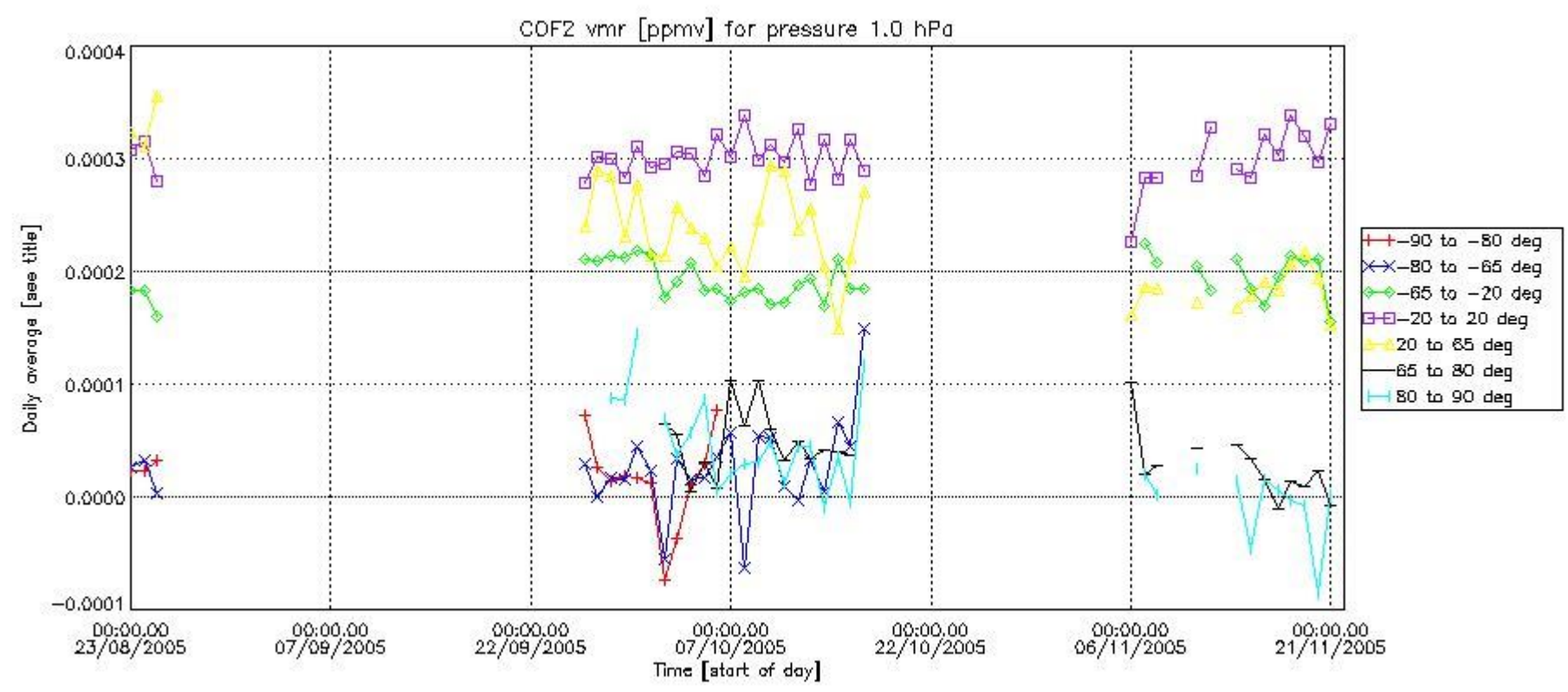




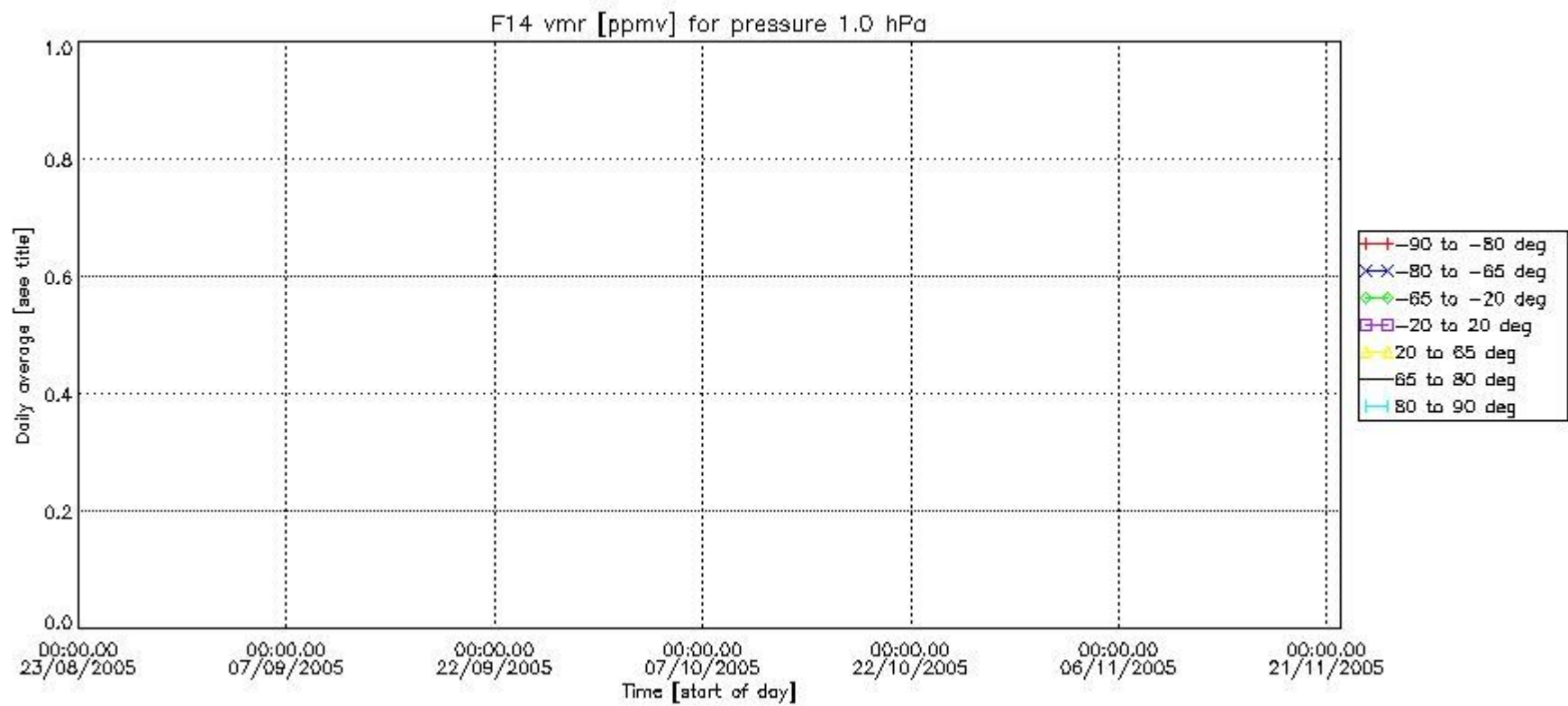
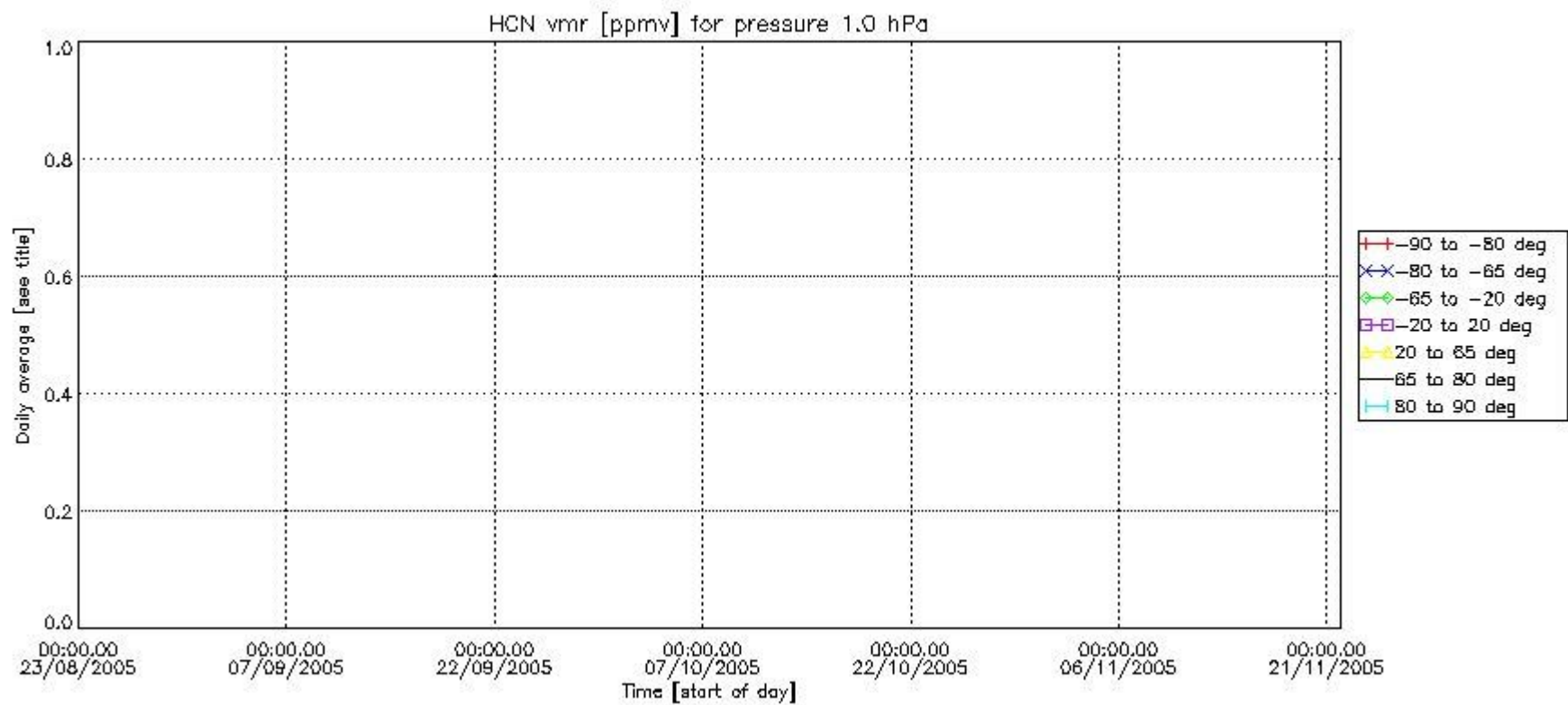


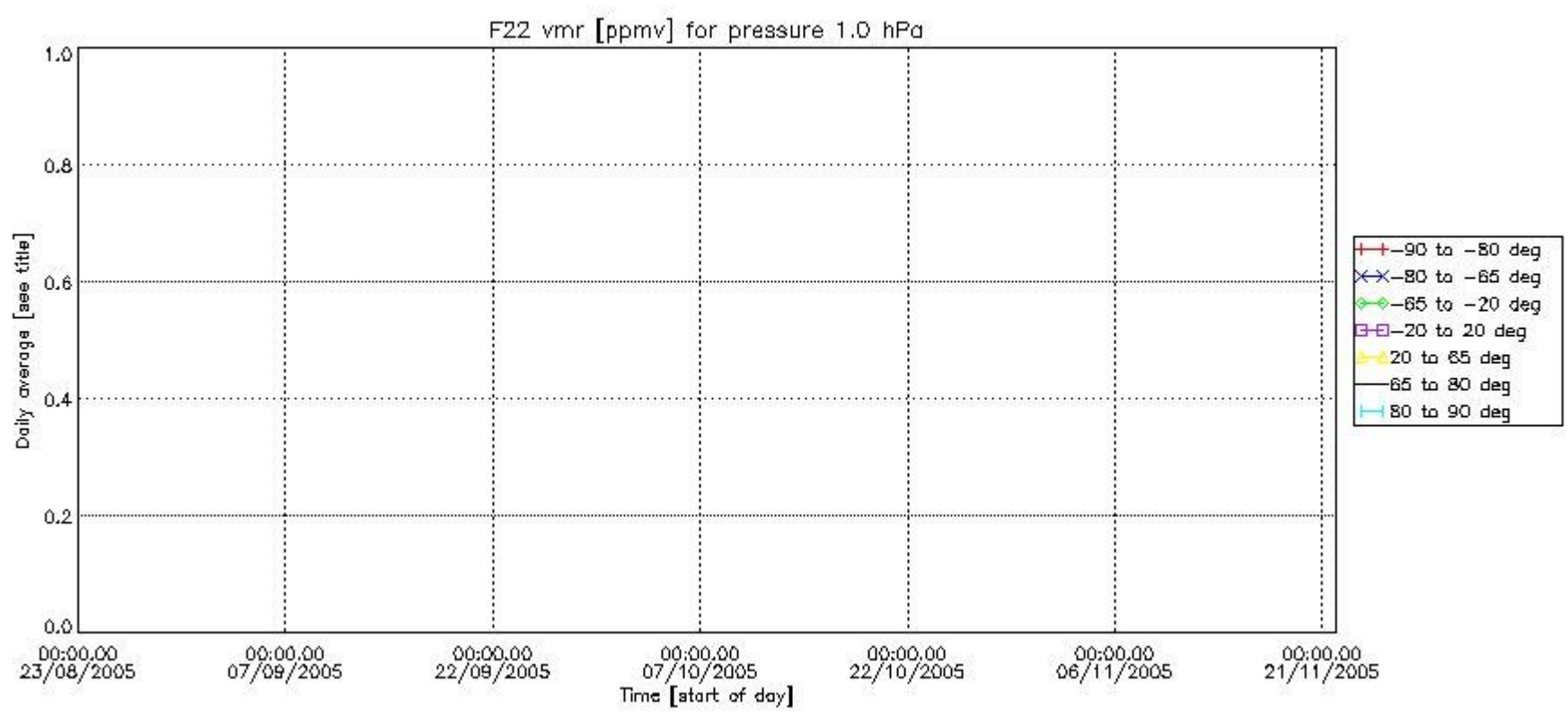












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

