

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20051119.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 16:44:18
Data source version	ML2PP/7.03-W
Processing scope for products	19NOV2005 00:00:00 to 20NOV2005 00:00:00
Start time of first product within scope	18NOV2005 23:58:49
Stop time of last product within scope	20NOV2005 00:59:15
Total number of level 2 products	7
Number of level 2 products with errors	1

### 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__2PWDSI20051118_235849_000057612042_00360_19452_1000.N1	18NOV2005 23:58:49	19NOV2005 01:34:50	0	117/117	<b>VMR_TERM_MACRO_MICRO[HCN/micro:2]</b>
1	MIP_NL__2PWDSI20051119_013541_000005202042_00361_19453_1000.N1	19NOV2005 01:35:41	19NOV2005 01:44:21	0	12/12	
2	MIP_NL__2PWDSI20051119_063223_000002132042_00363_19455_1000.N1	19NOV2005 06:32:23	19NOV2005 06:35:56	0	5/5	
3	MIP_NL__2PWDSI20051119_095803_00000082042_00365_19457_1000.N1	19NOV2005 09:58:03	19NOV2005 09:58:11	1	1/1	
4	MIP_NL__2PWDSI20051119_114301_000057812042_00367_19459_1000.N1	19NOV2005 11:43:01	19NOV2005 13:19:22	0	109/109	
5	MIP_NL__2PWDSI20051119_132012_000004762042_00368_19460_1000.N1	19NOV2005 13:20:12	19NOV2005 13:28:09	0	11/11	
6	MIP_NL__2PWDSI20051119_232712_000055232042_00374_19466_1000.N1	19NOV2005 23:27:12	20NOV2005 00:59:15	0	122/122	

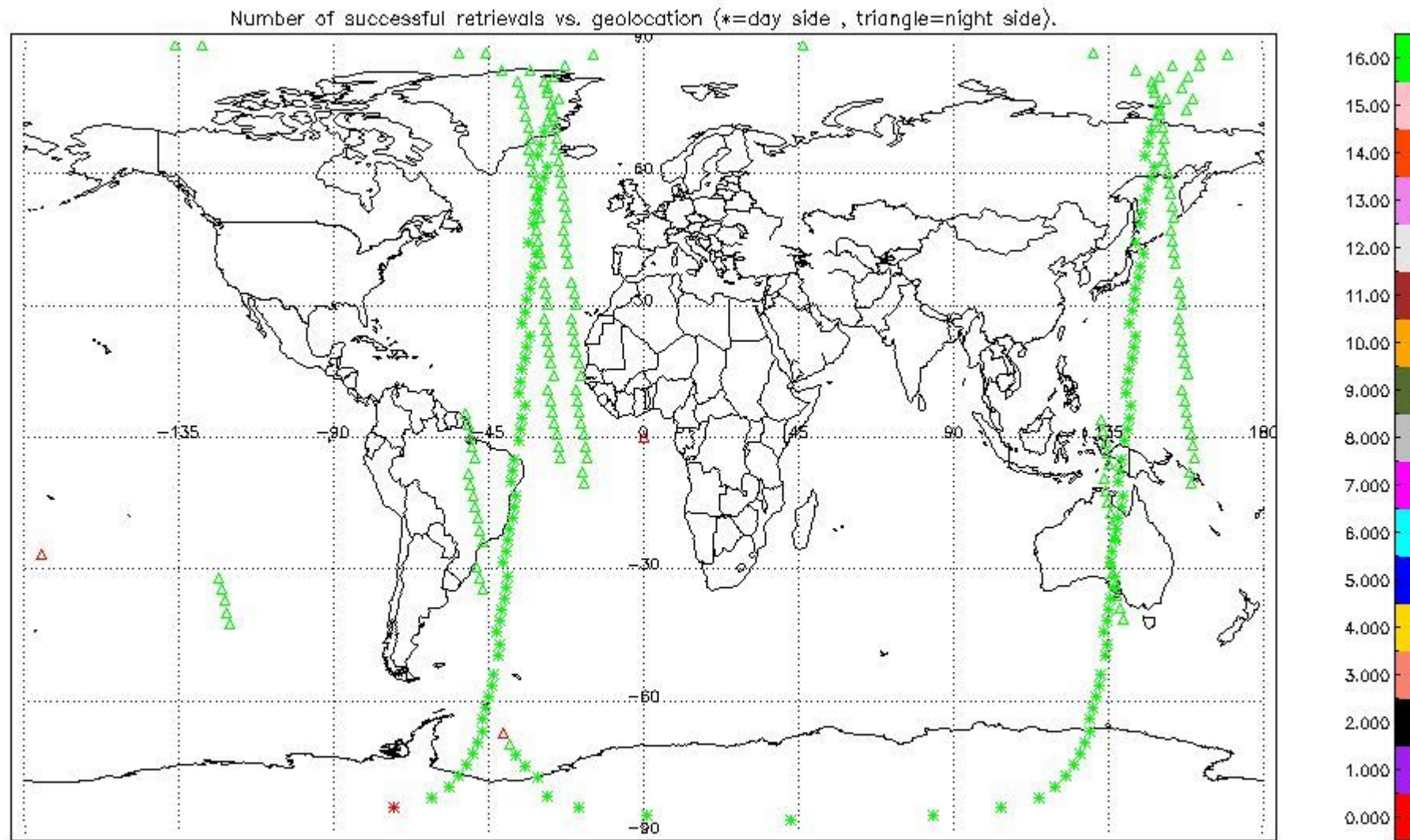
## 2.2 Processing performance indicators

### 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.

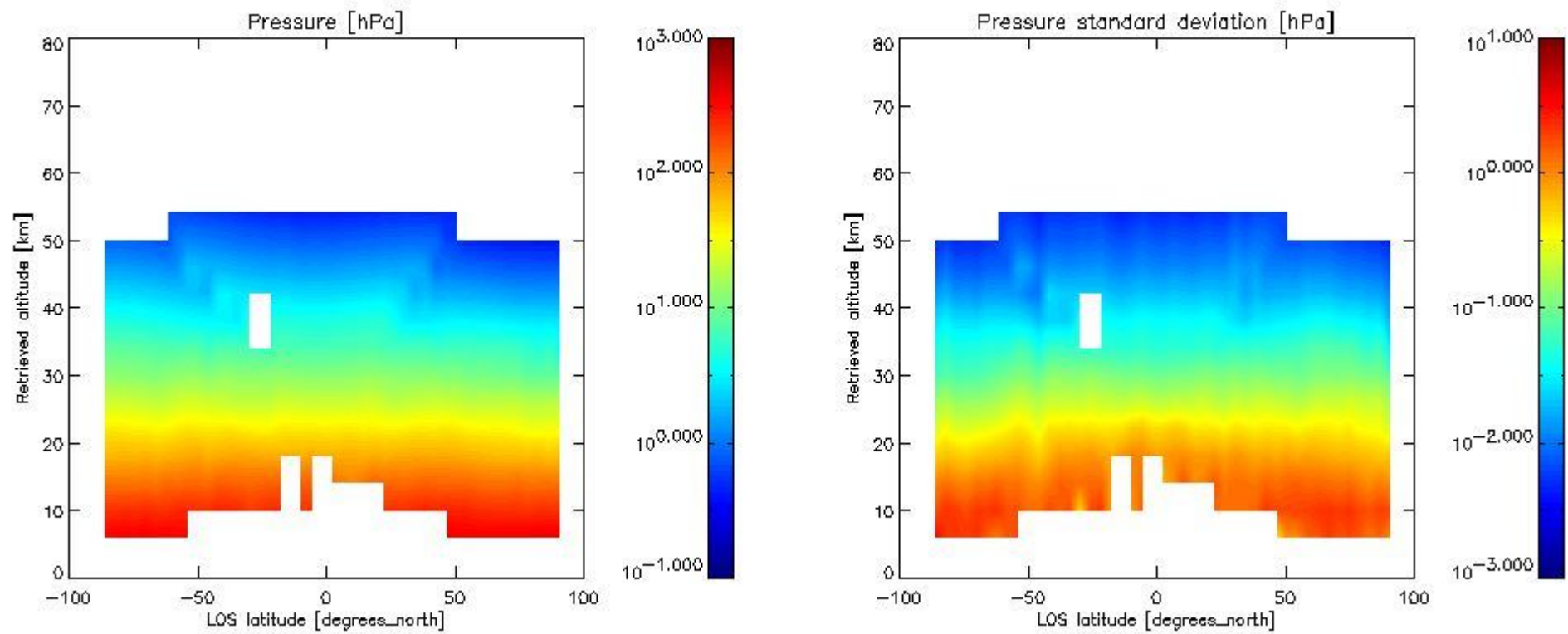
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	377	293	77.719
H2O	377	293	77.719
O3	377	293	77.719

HNO3	377	293	77.719
CH4	377	293	77.719
N2O	377	293	77.719
NO2	377	293	77.719
F11	377	293	77.719
CLNO	377	293	77.719
N2O5	377	293	77.719
F12	377	293	77.719
COF2	377	293	77.719
CCL4	377	293	77.719
HCN	377	293	77.719
F14	377	293	77.719
F22	377	293	77.719



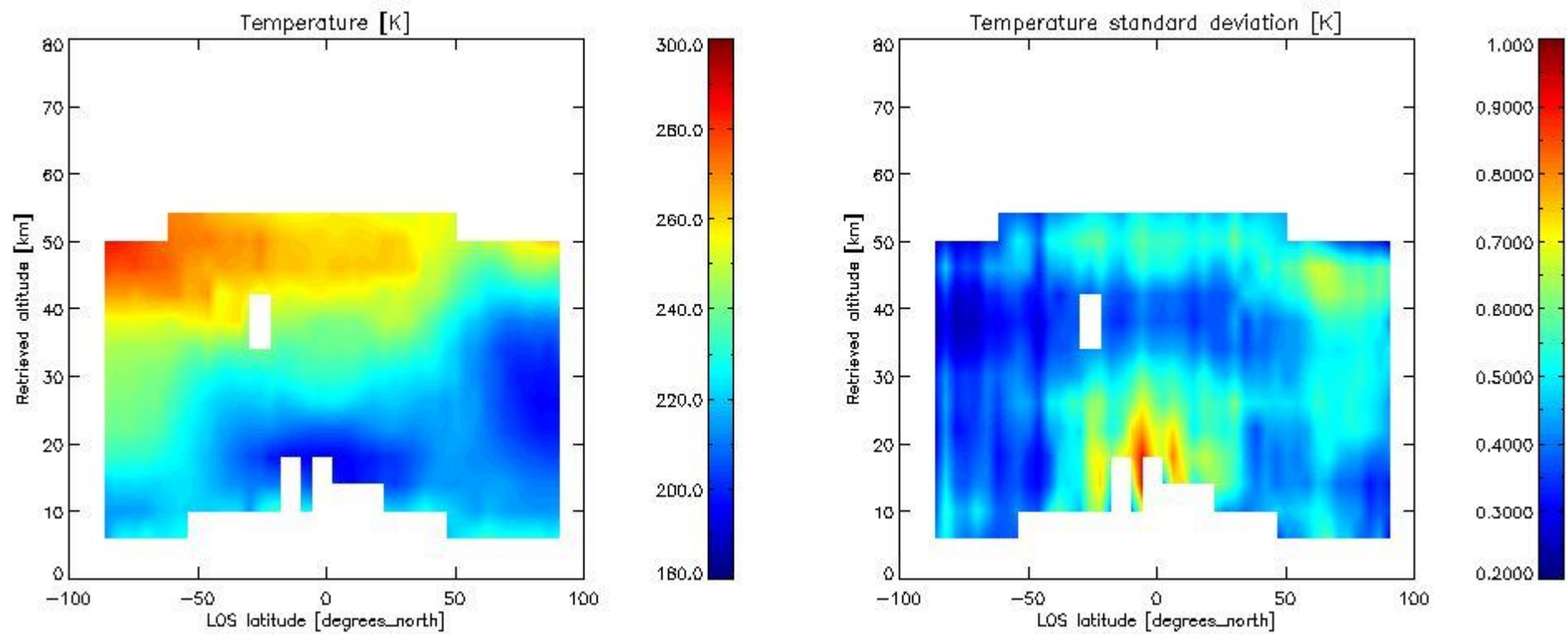
### 2.2.2 Pressure overview

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



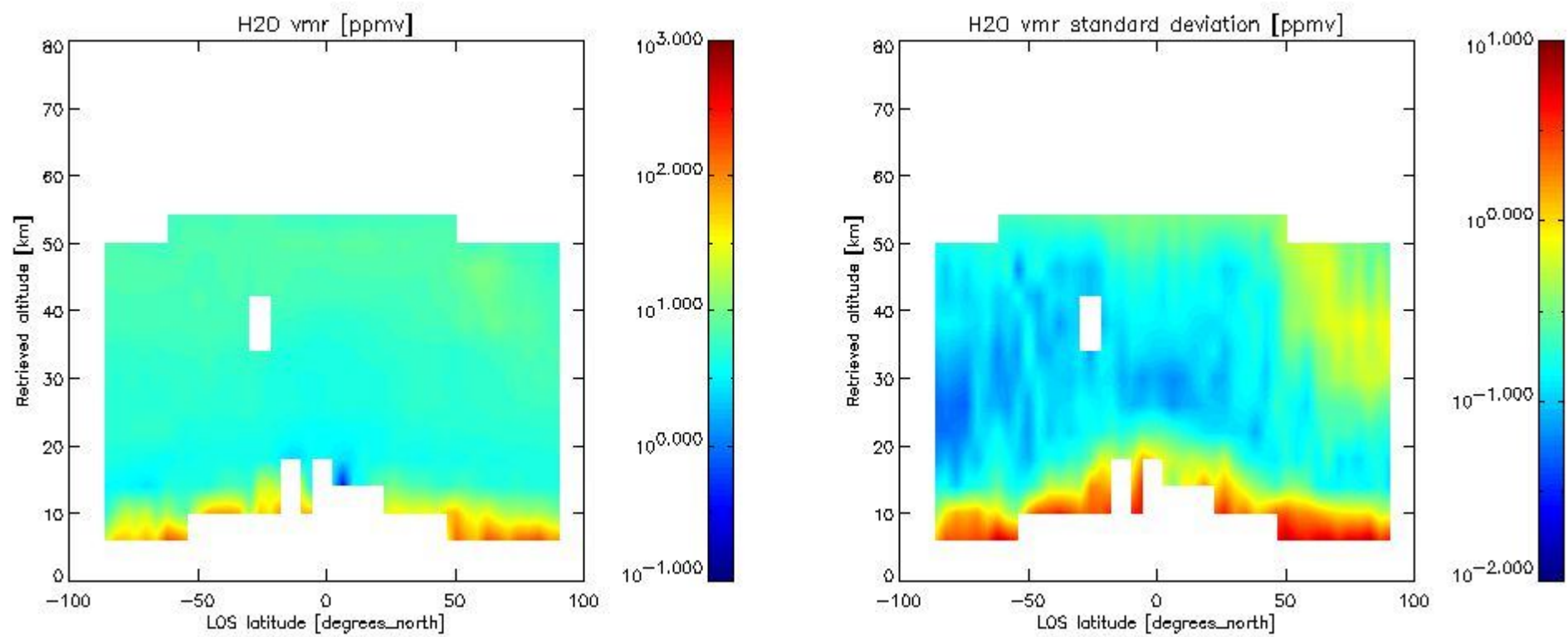
### 2.2.3 Temperature overview

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

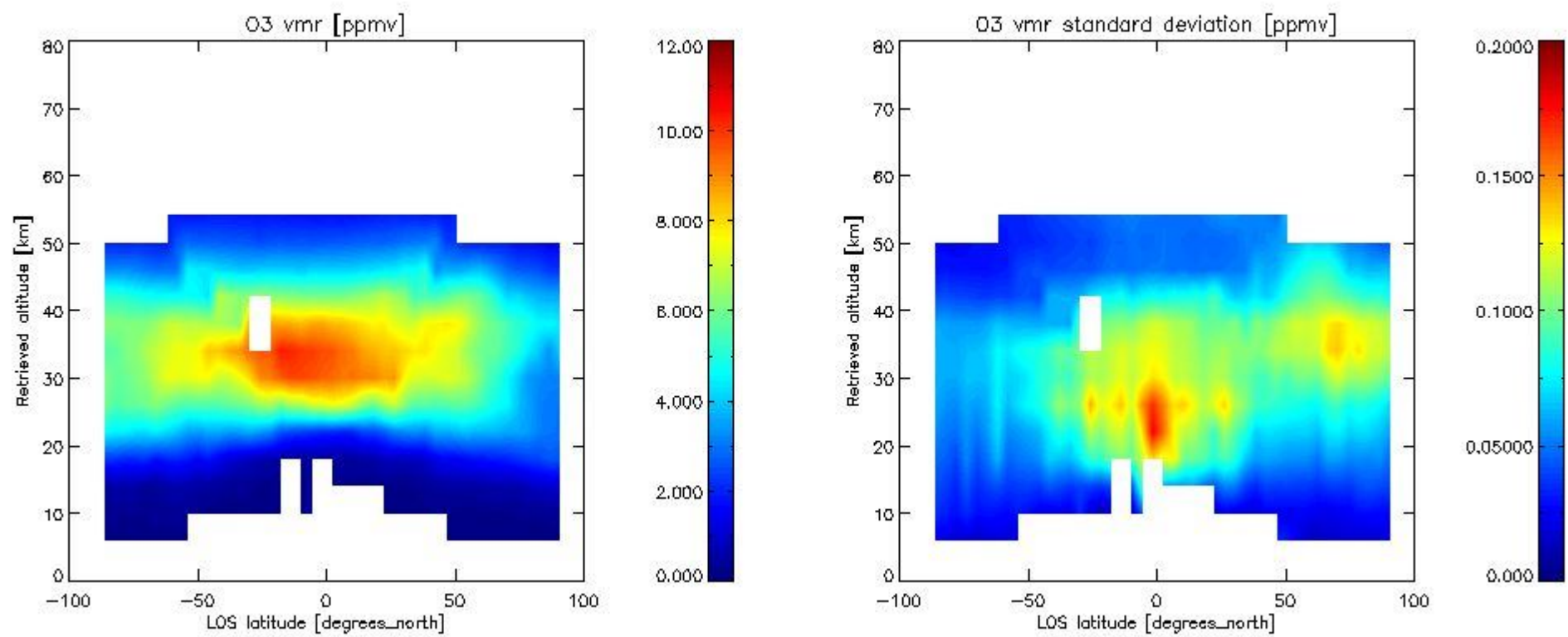


### 2.2.4 Species overview

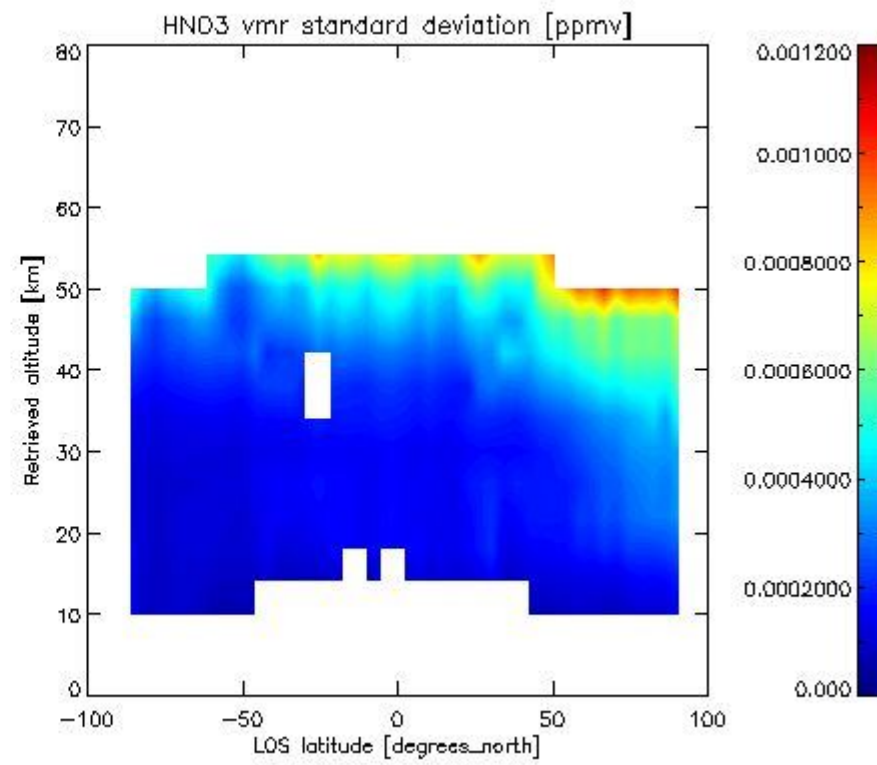
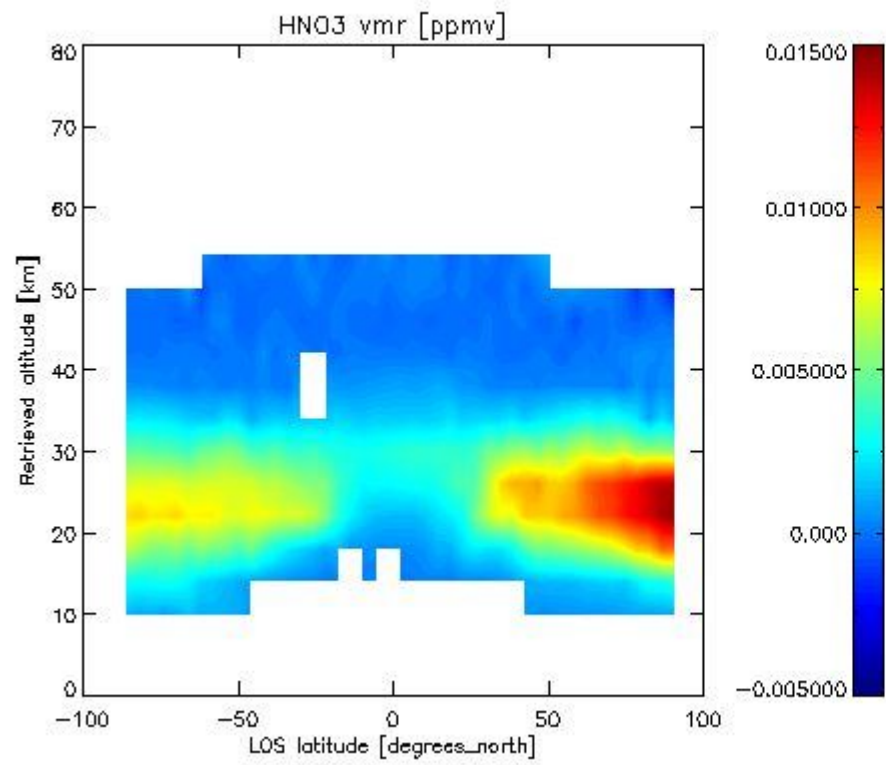
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



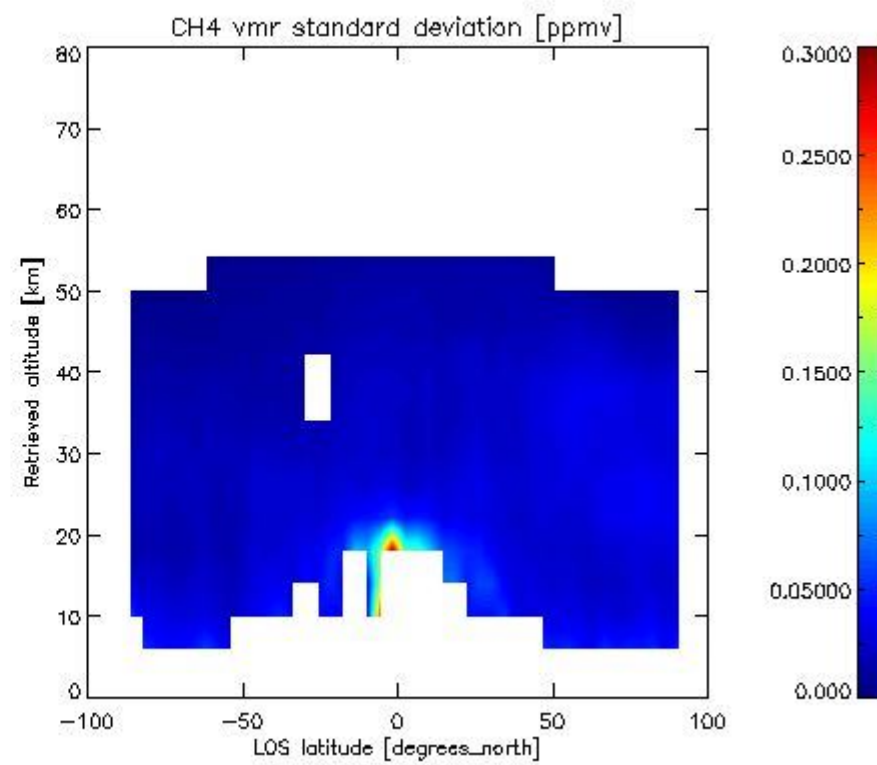
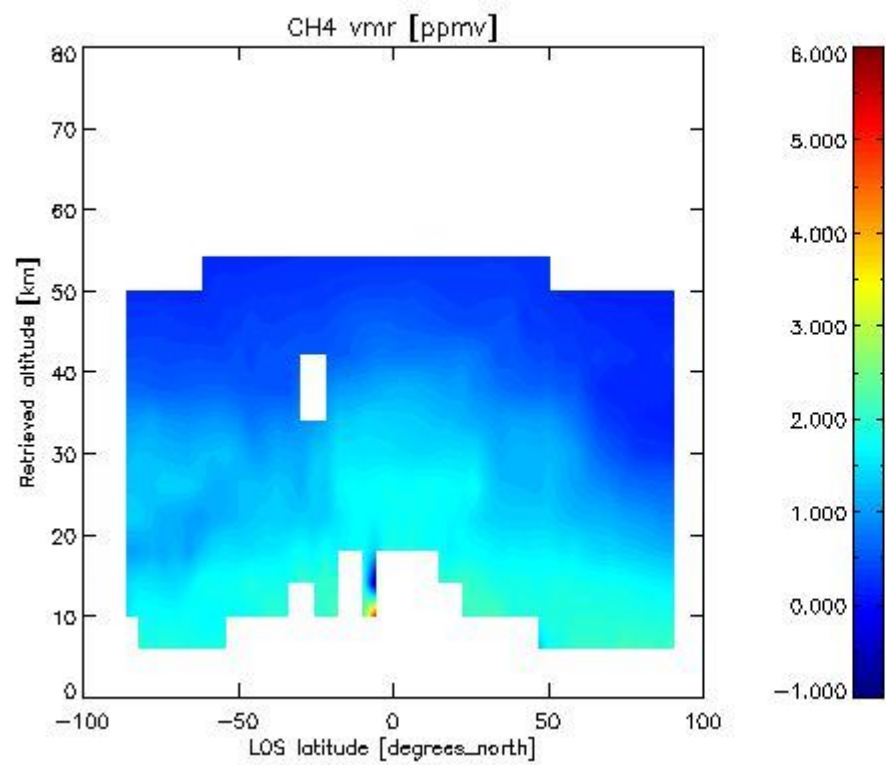
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



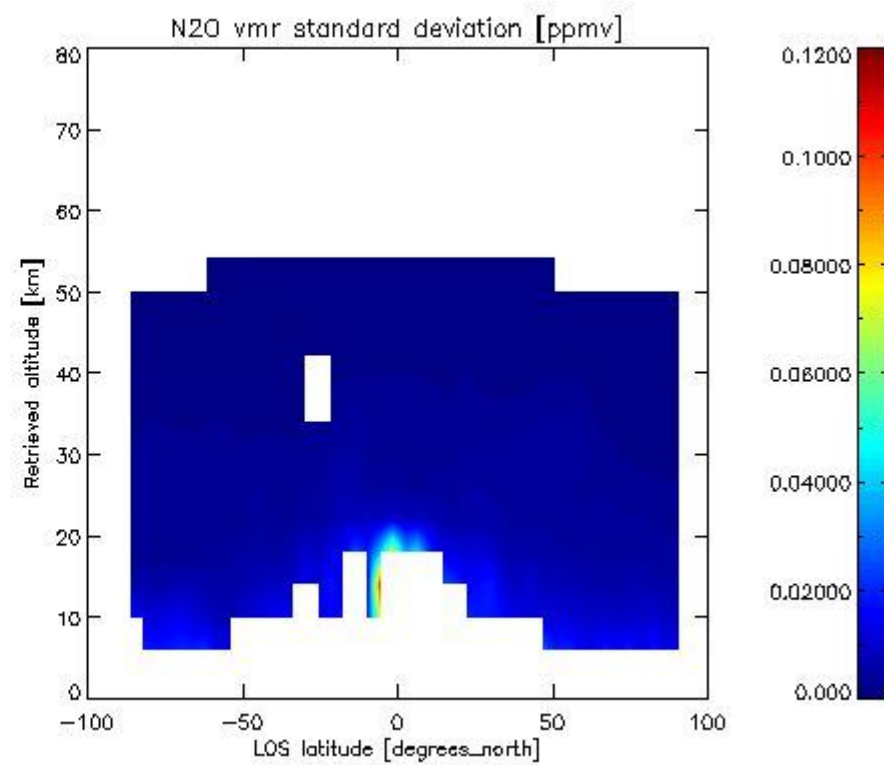
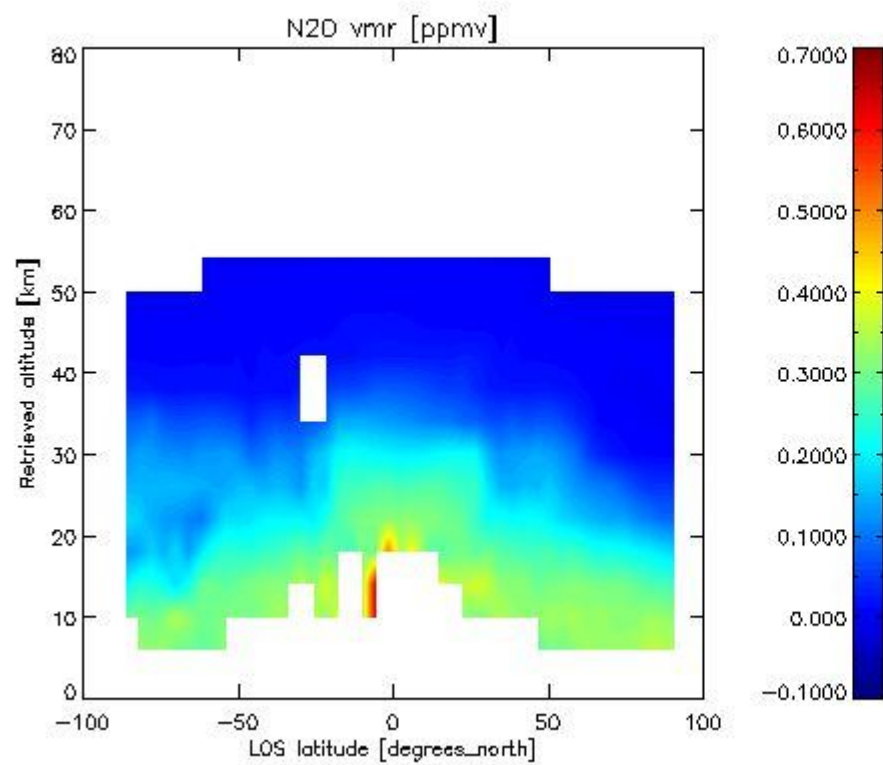
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



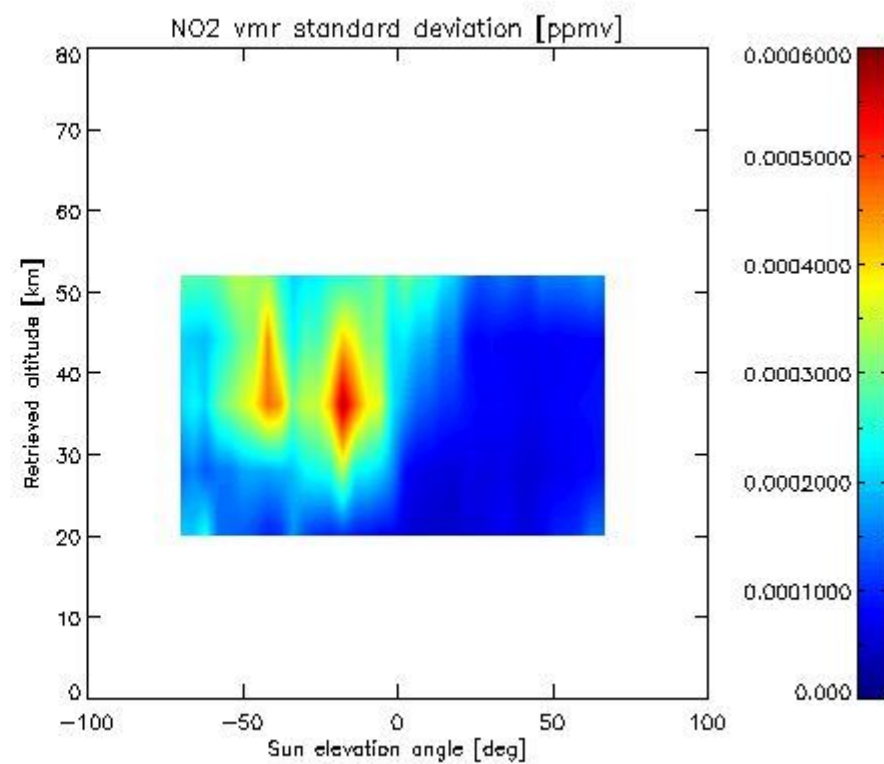
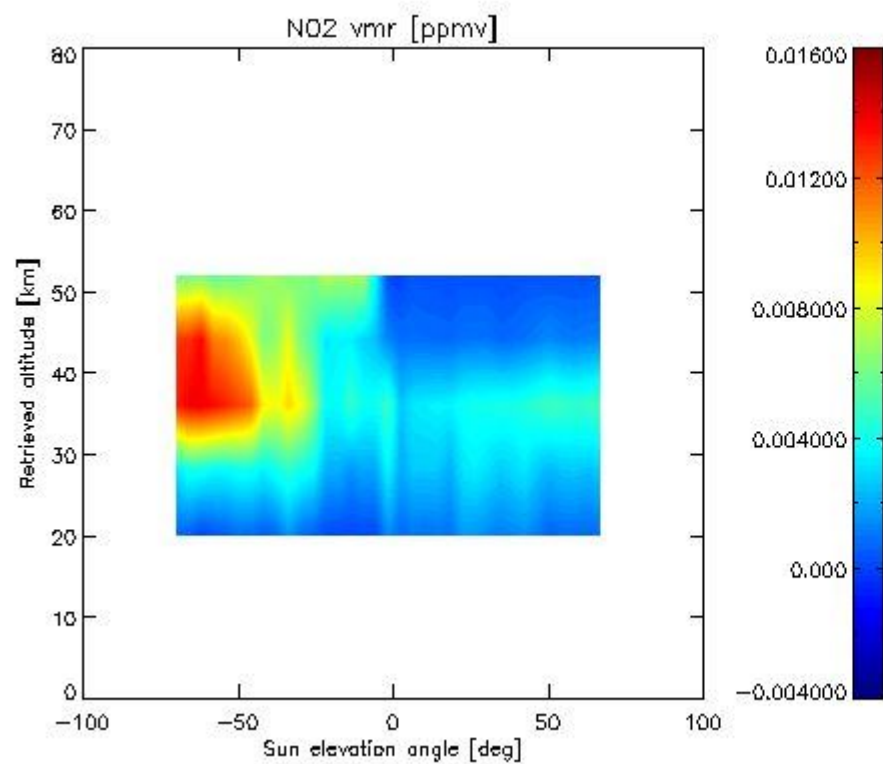
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



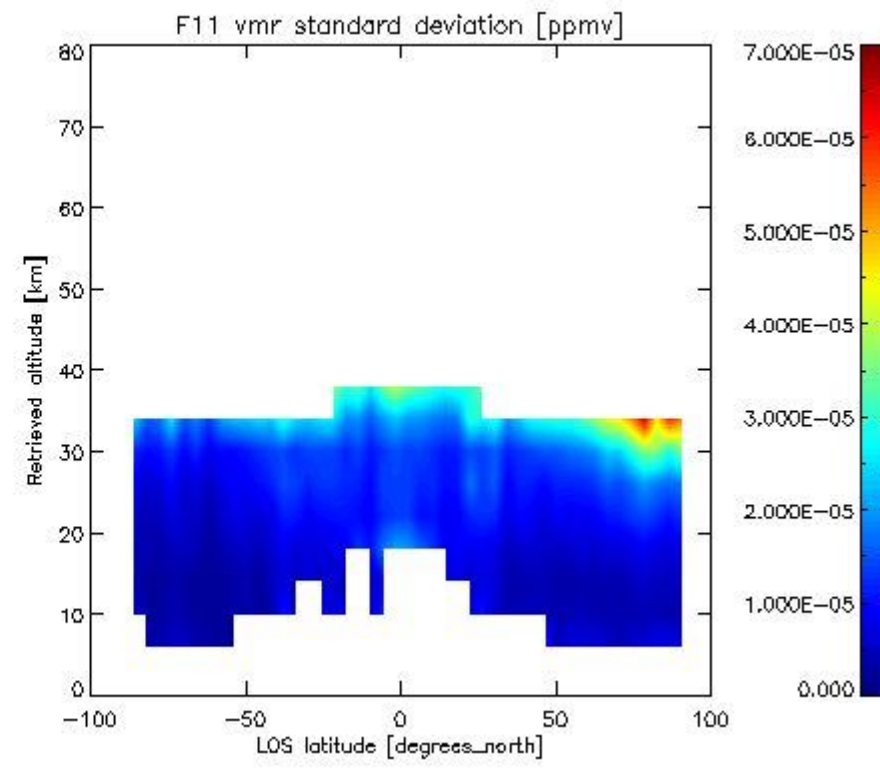
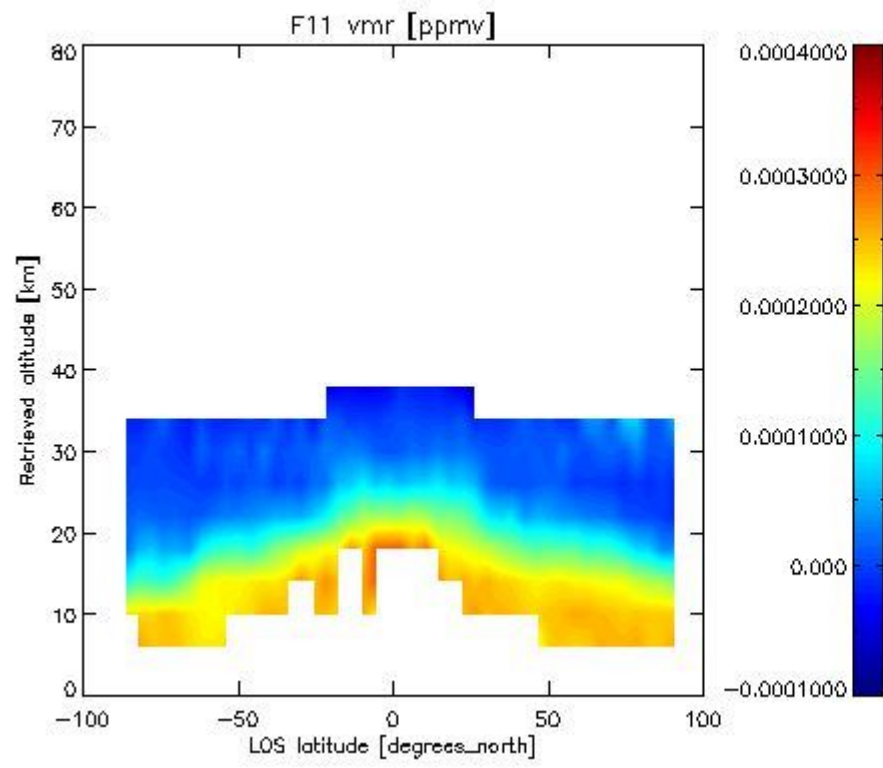
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



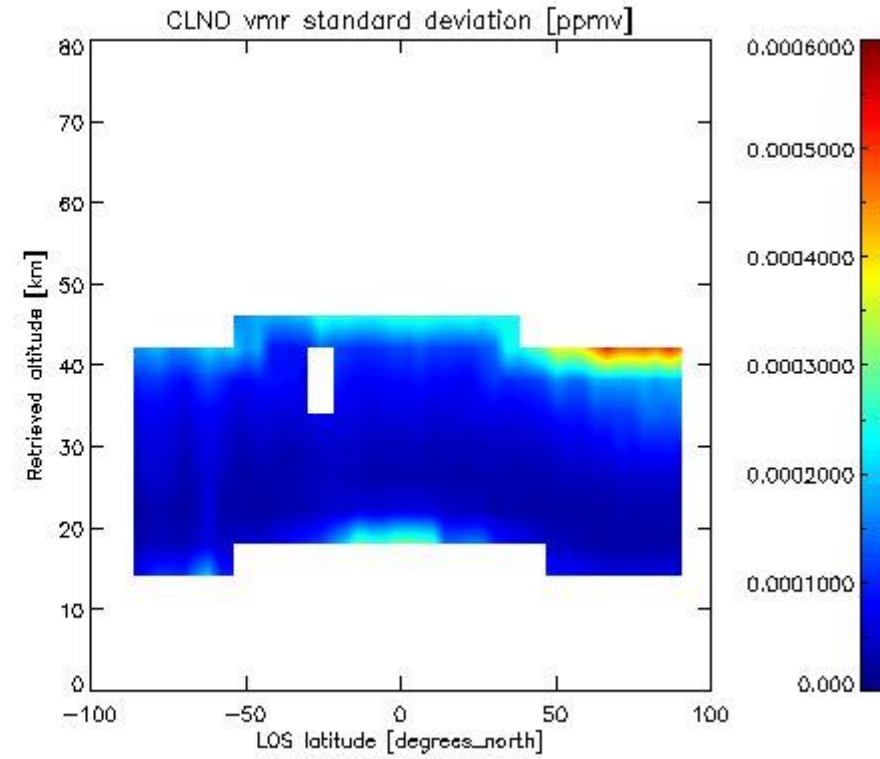
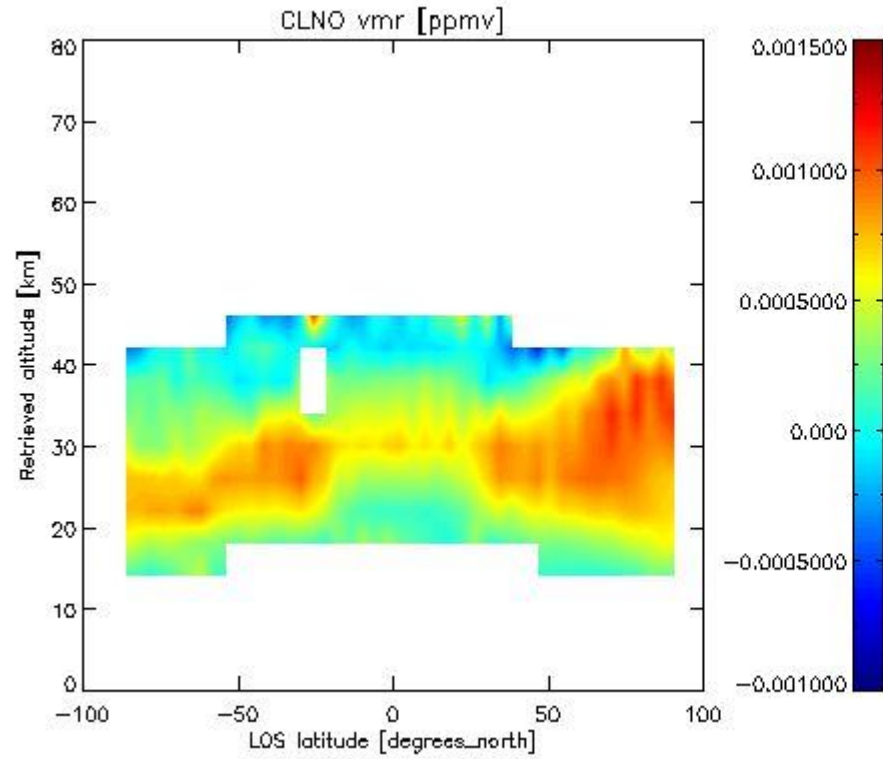
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.



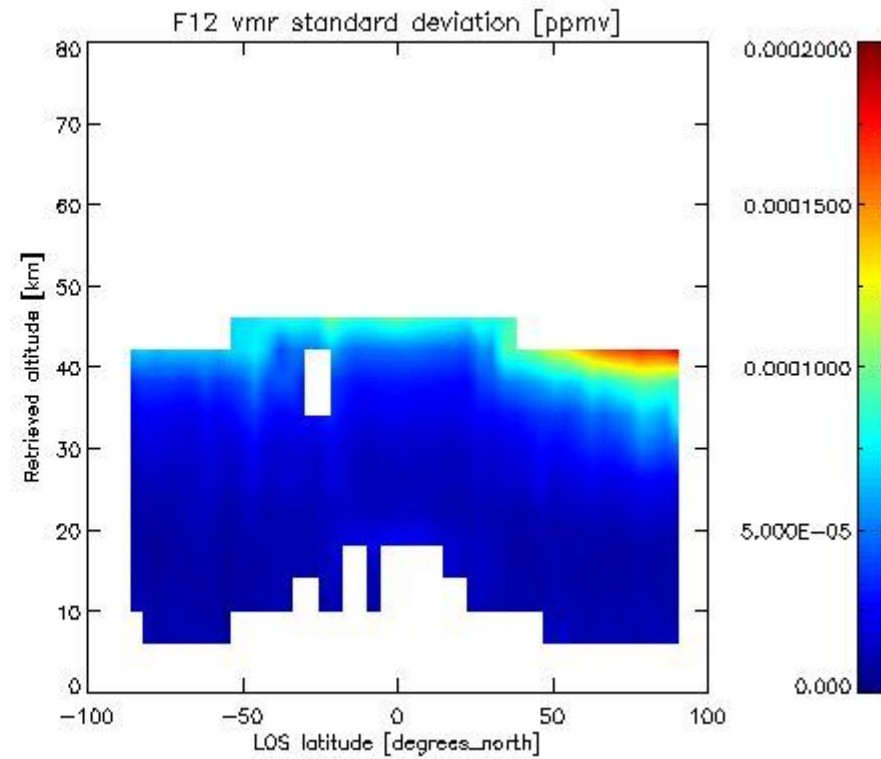
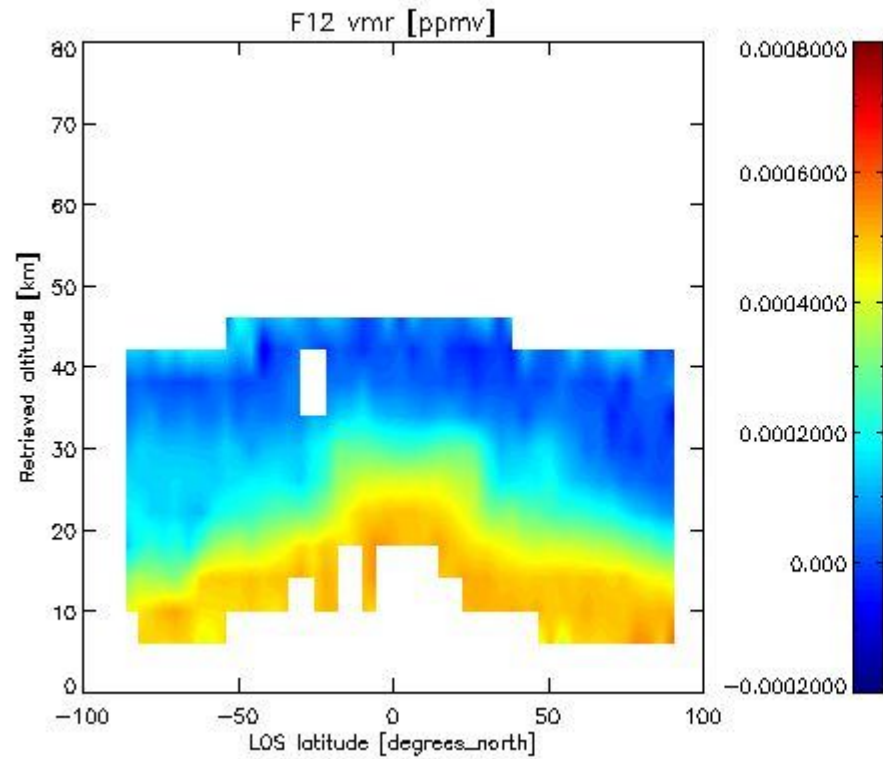
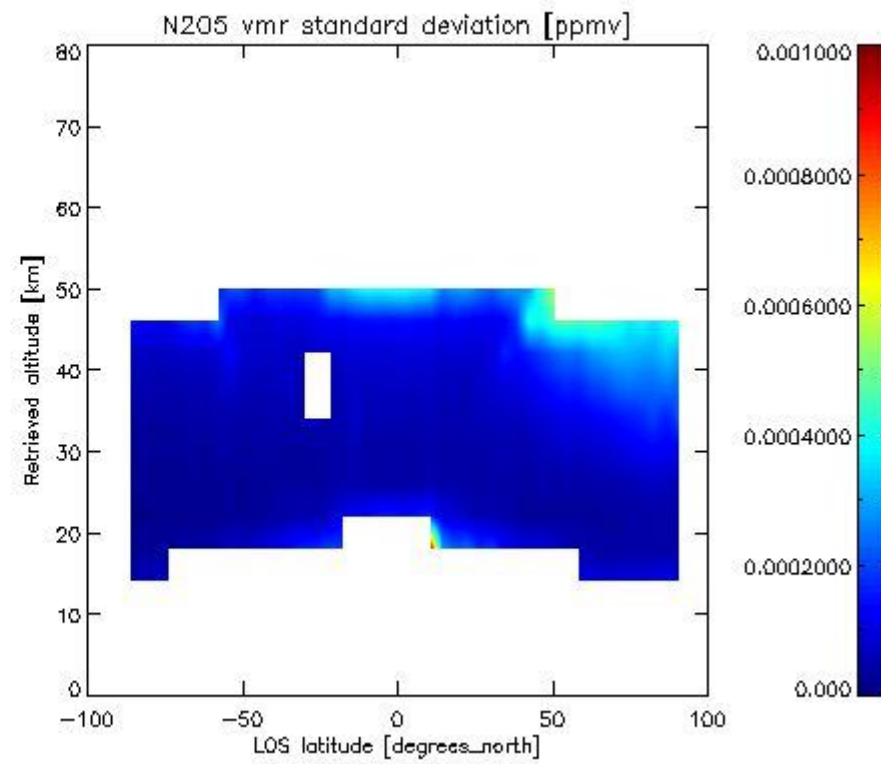
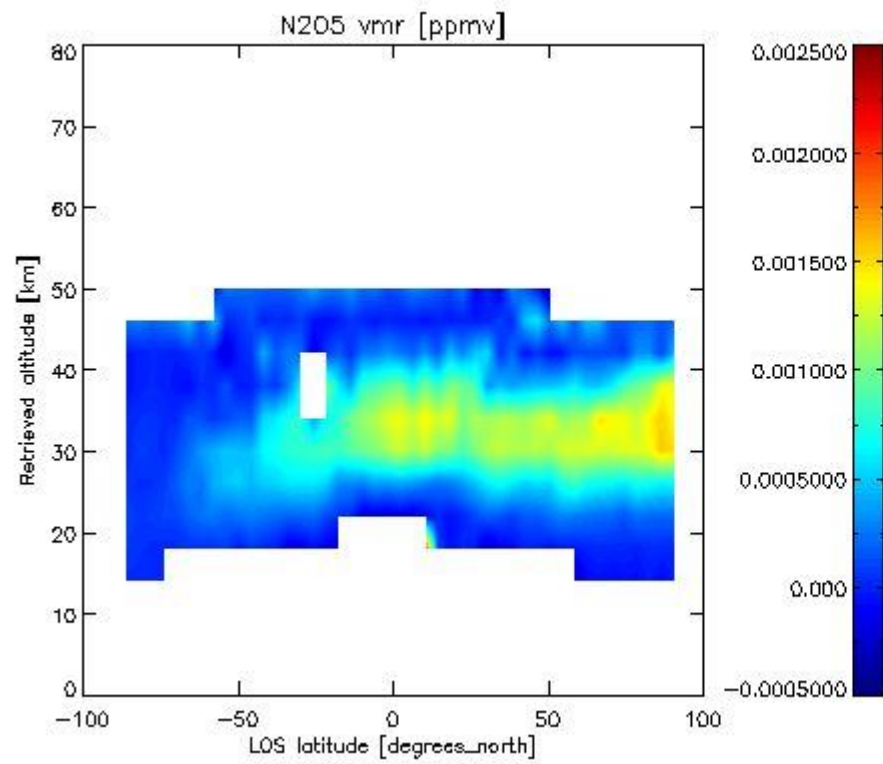
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



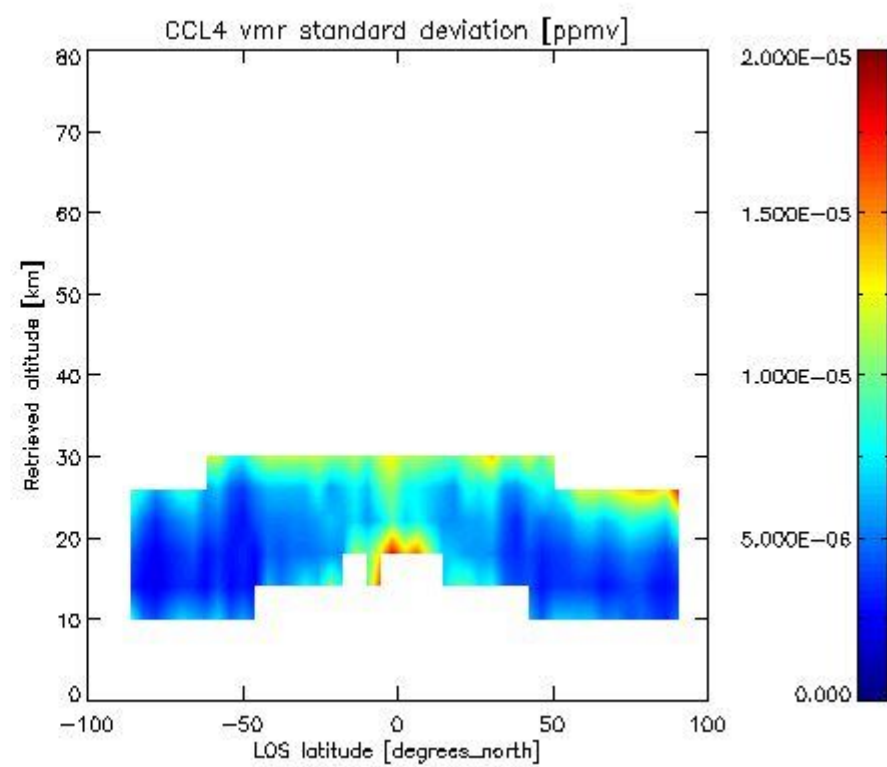
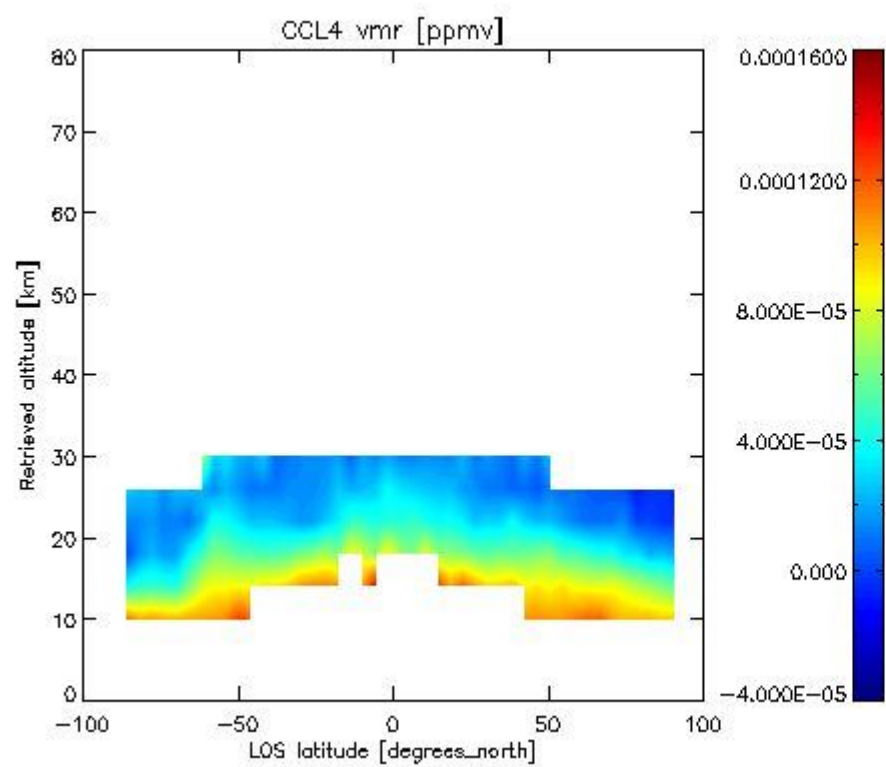
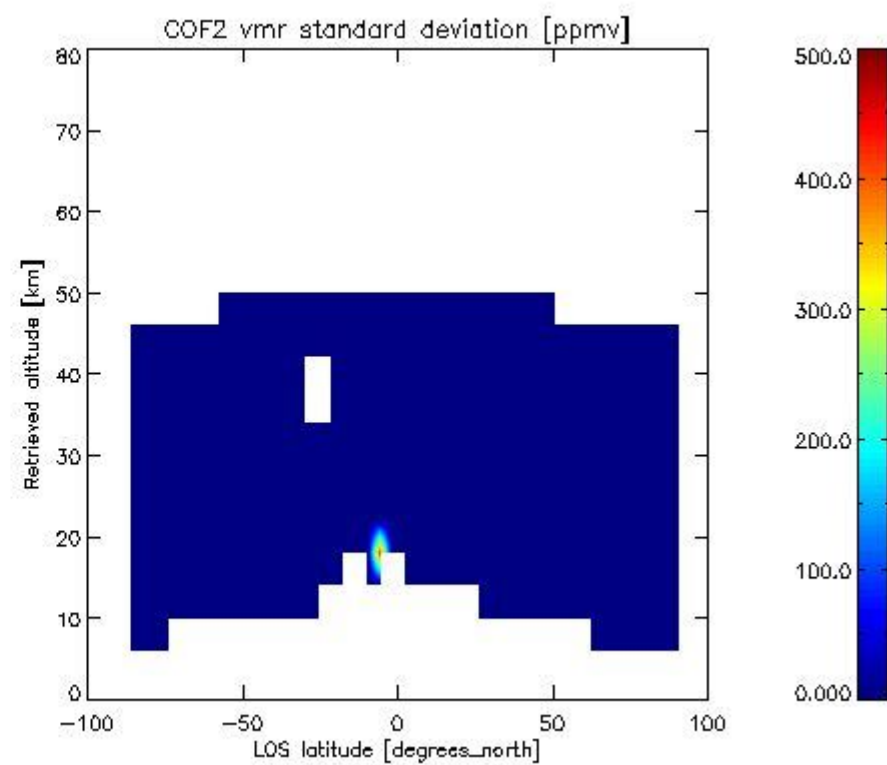
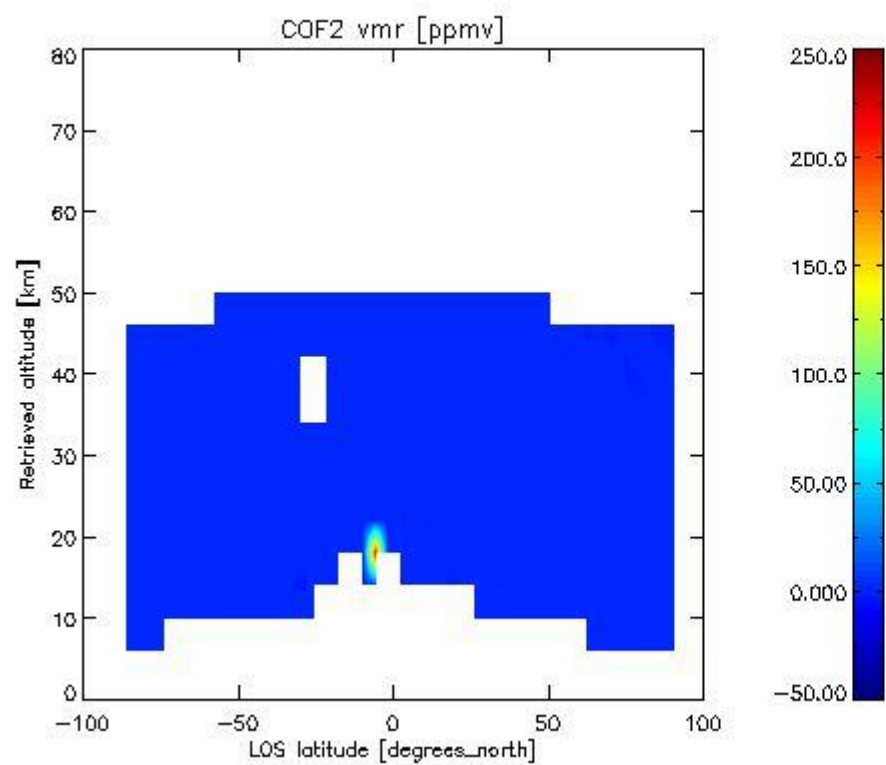
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

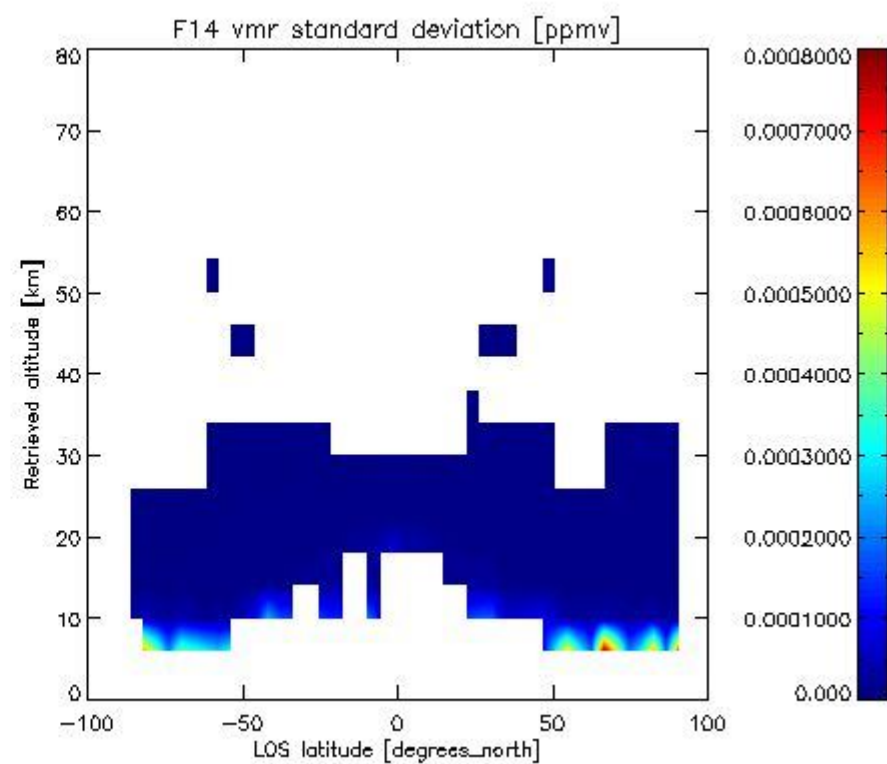
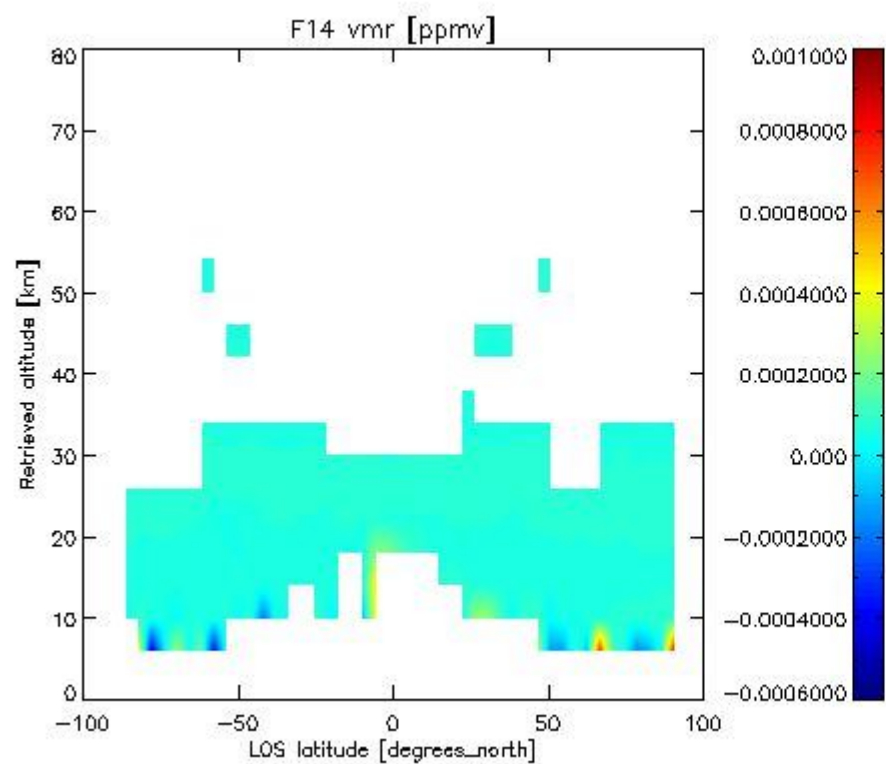
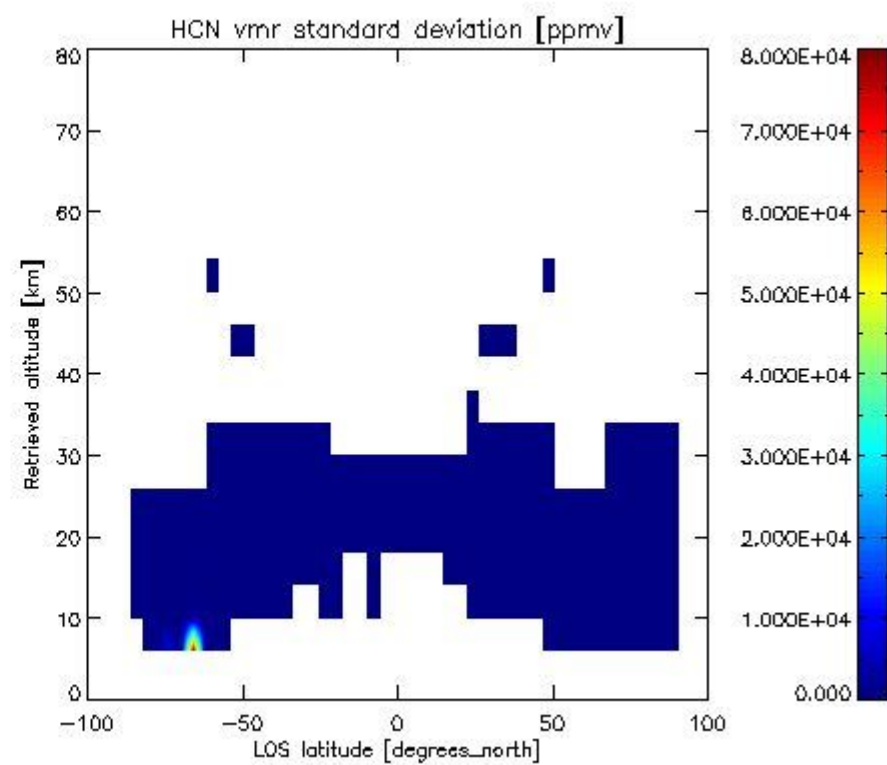
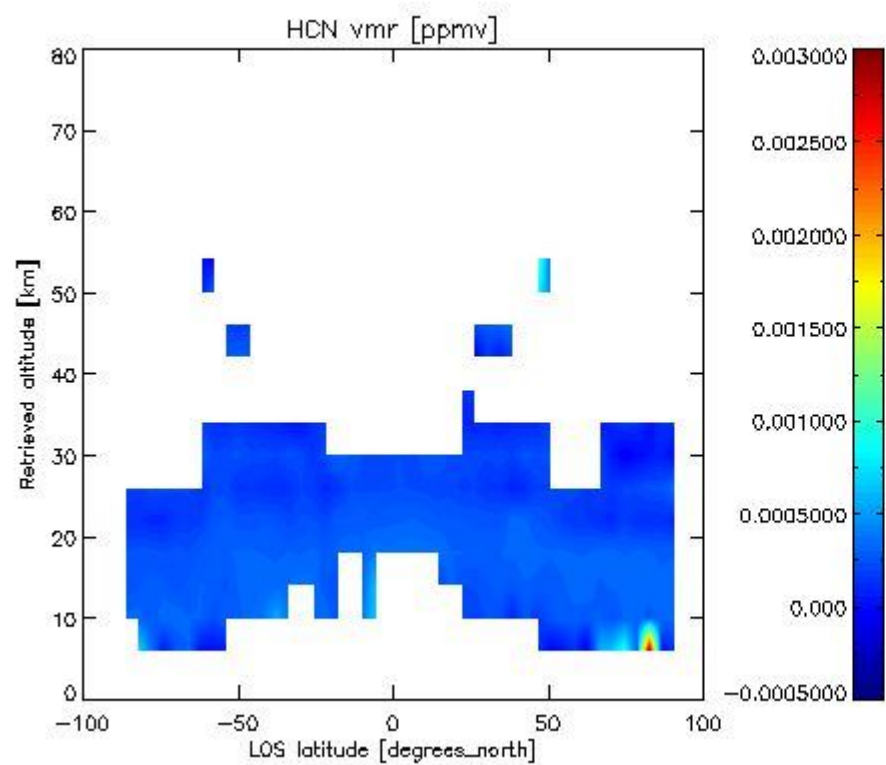


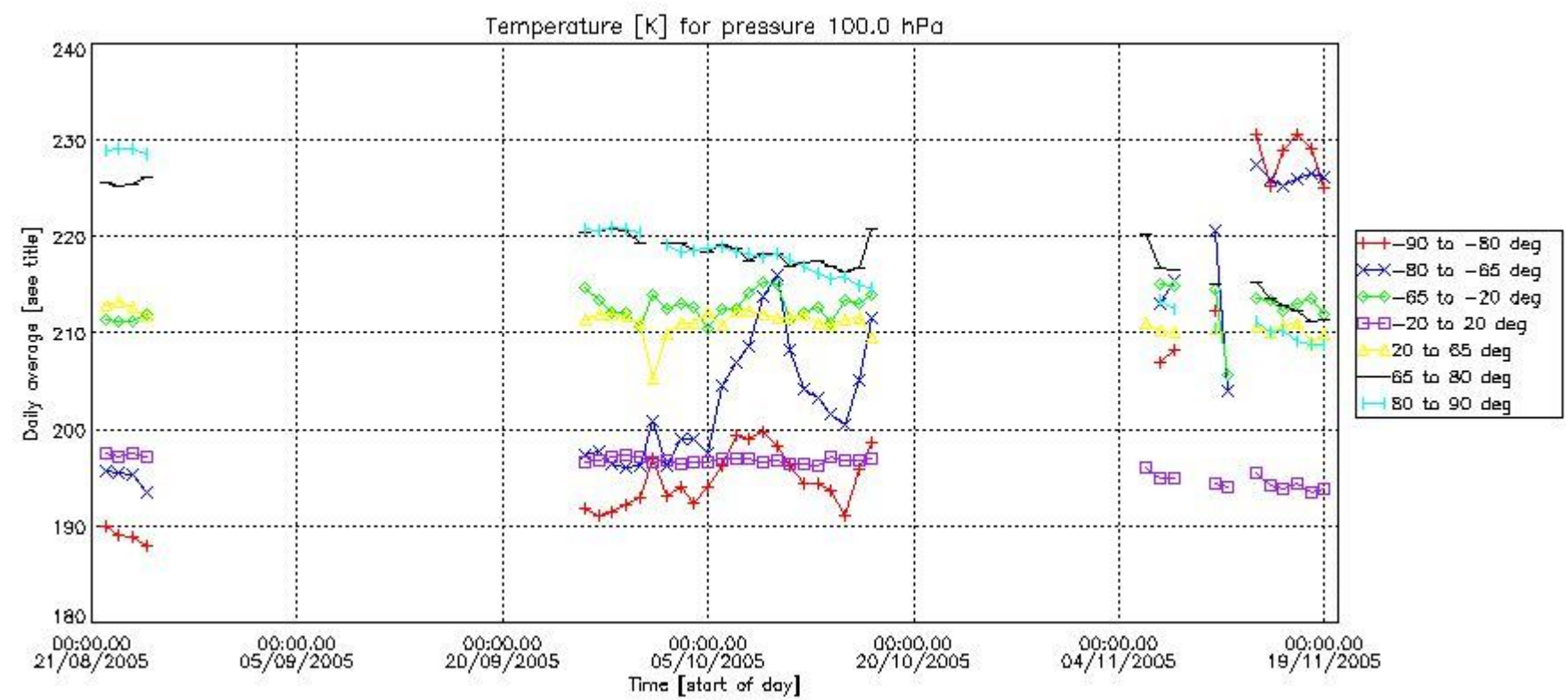
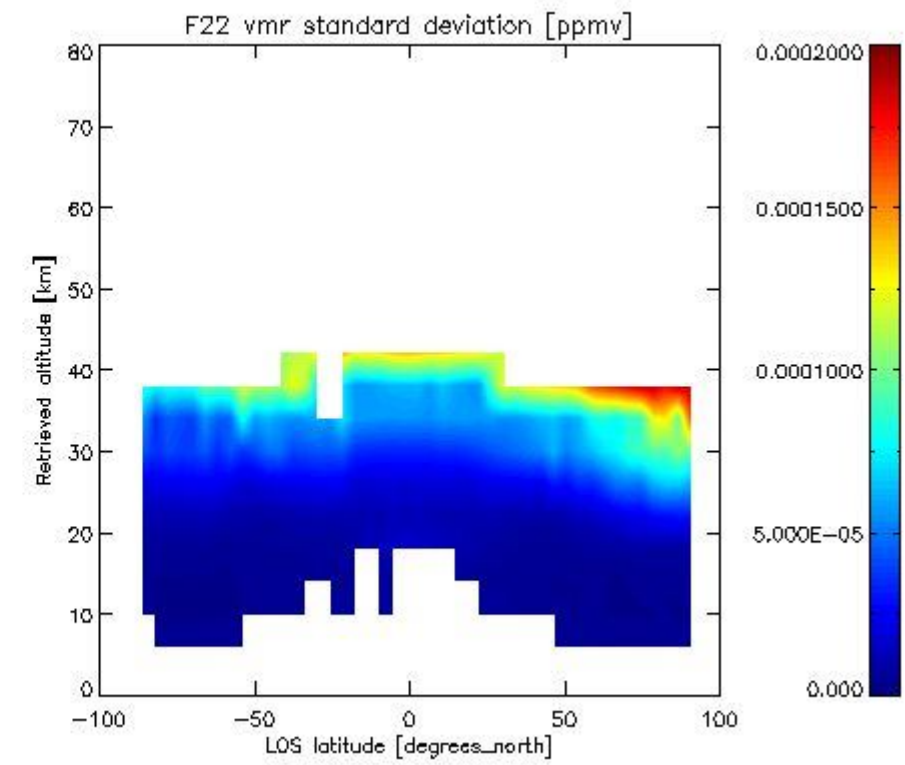
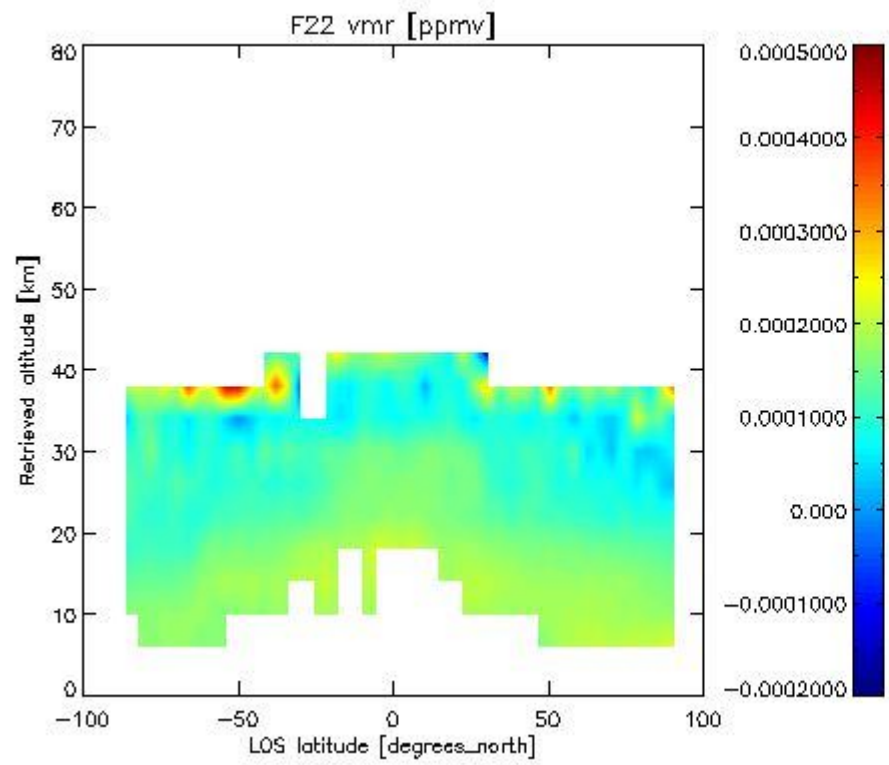
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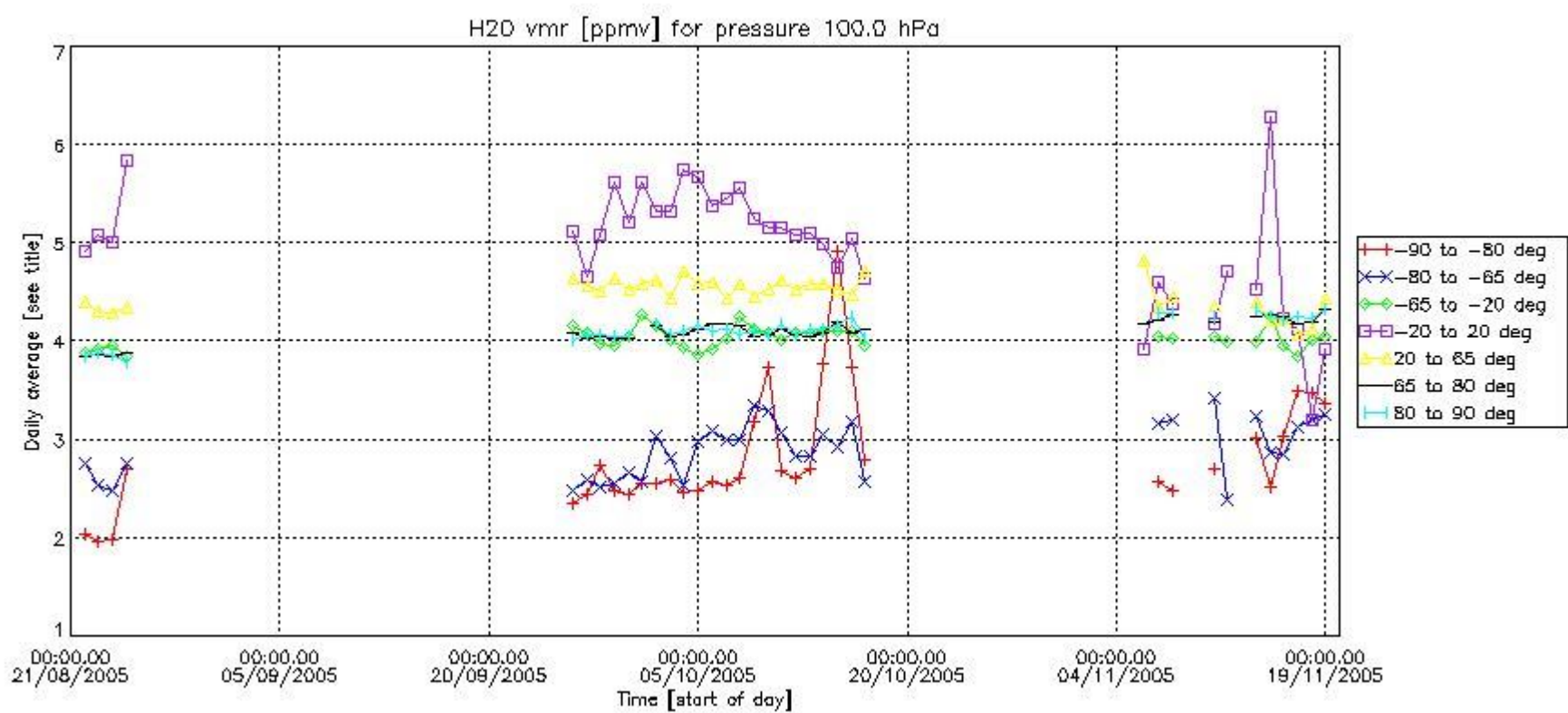
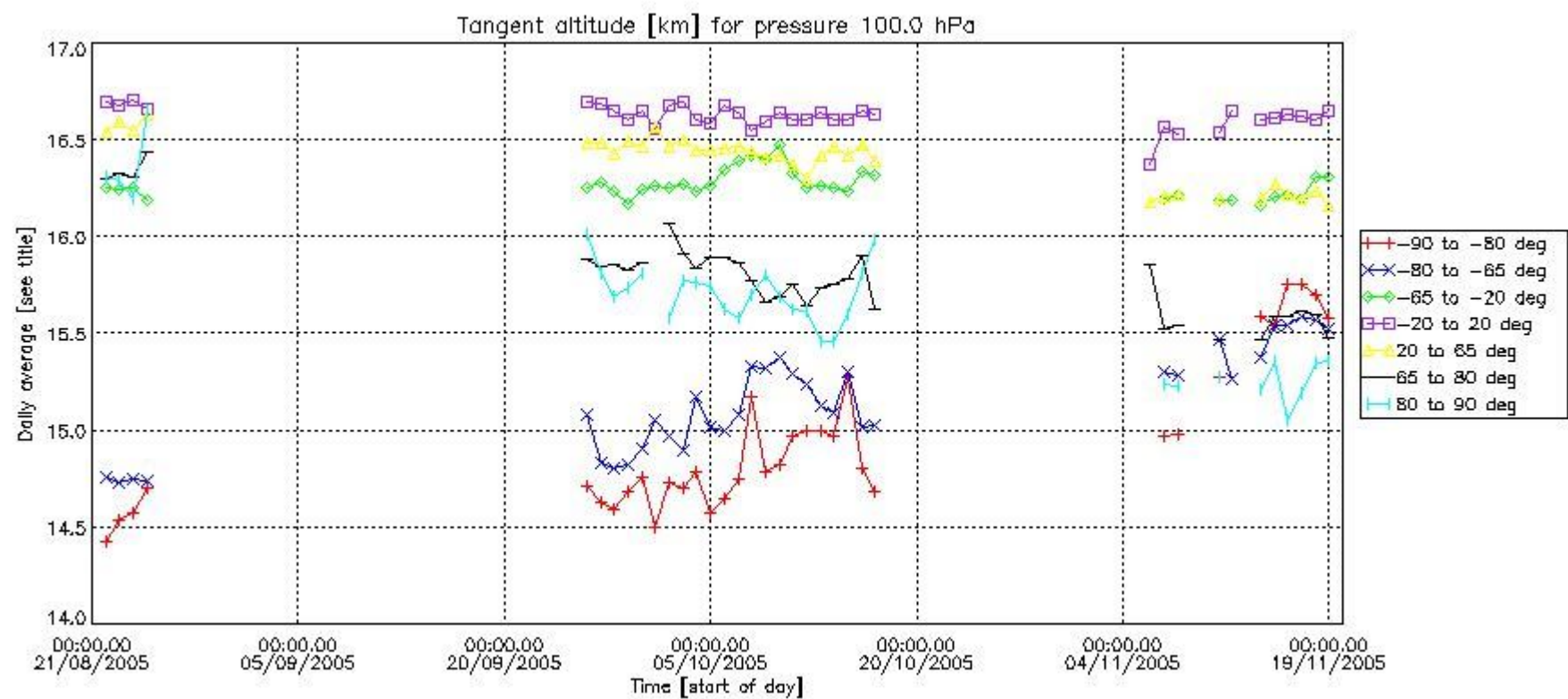


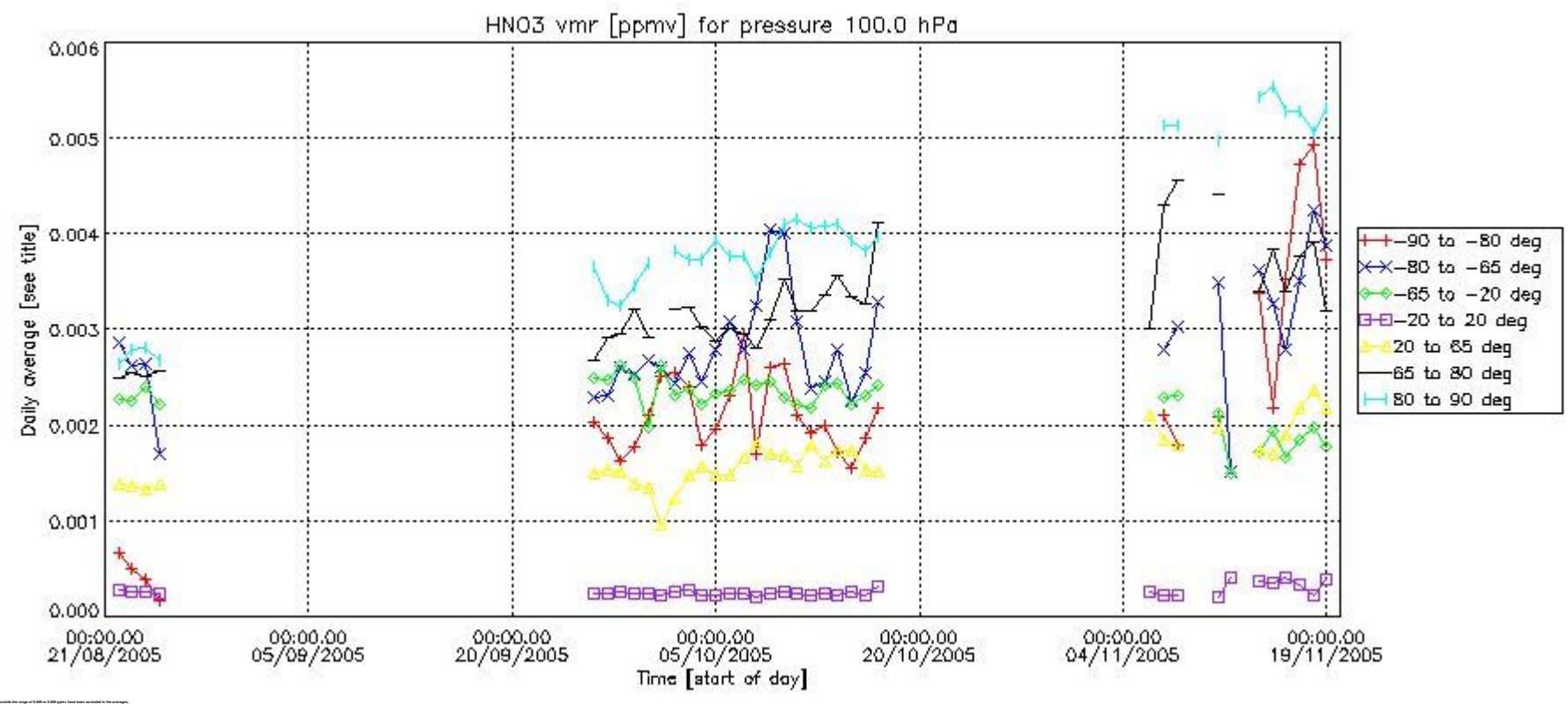
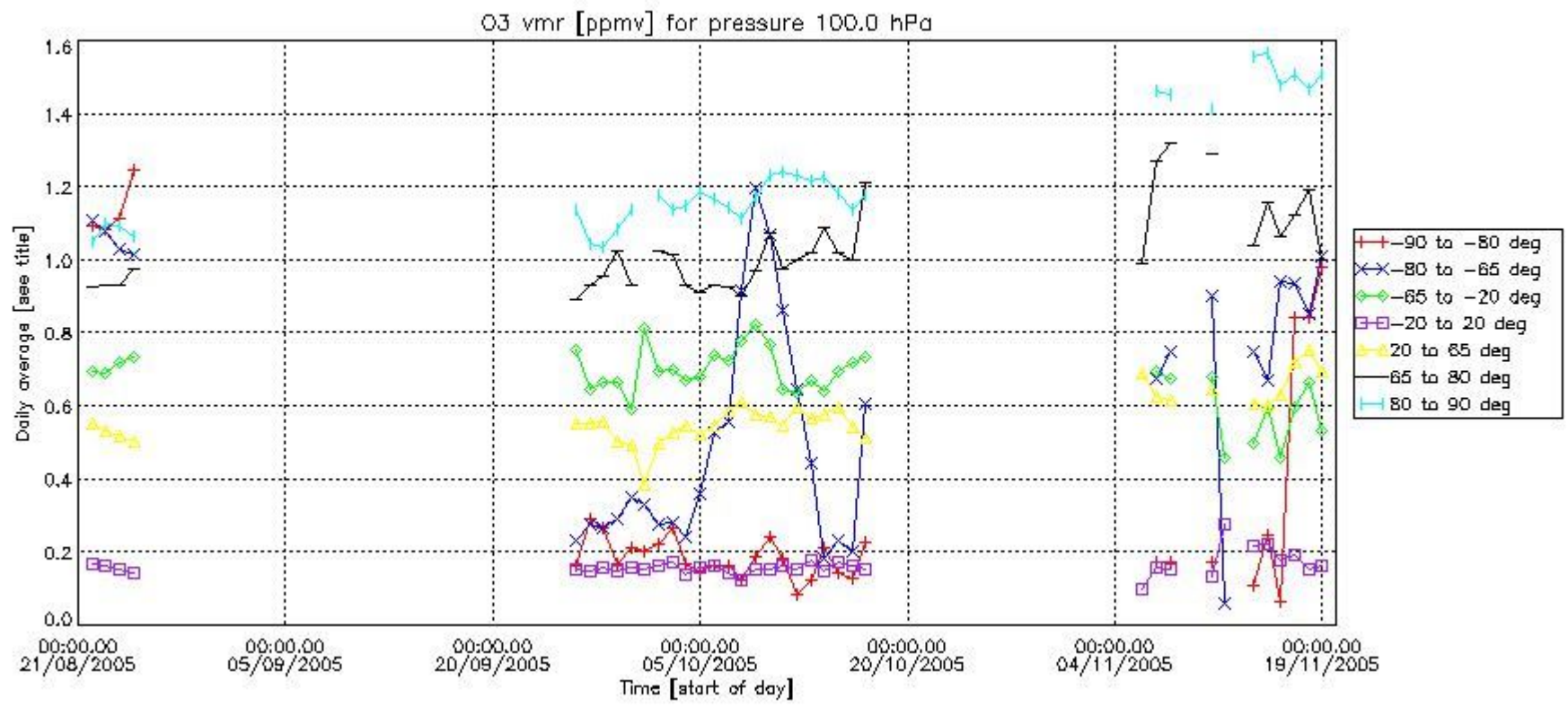


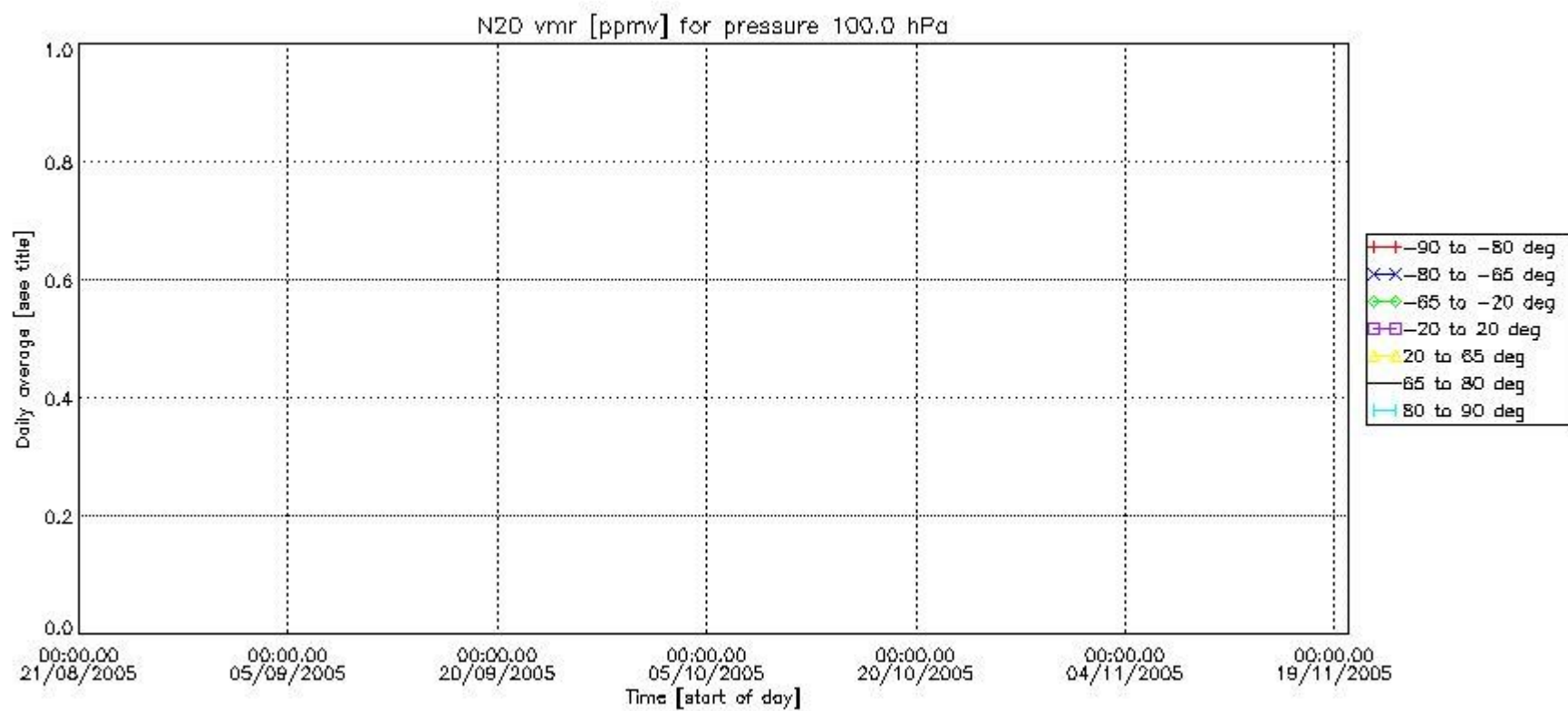
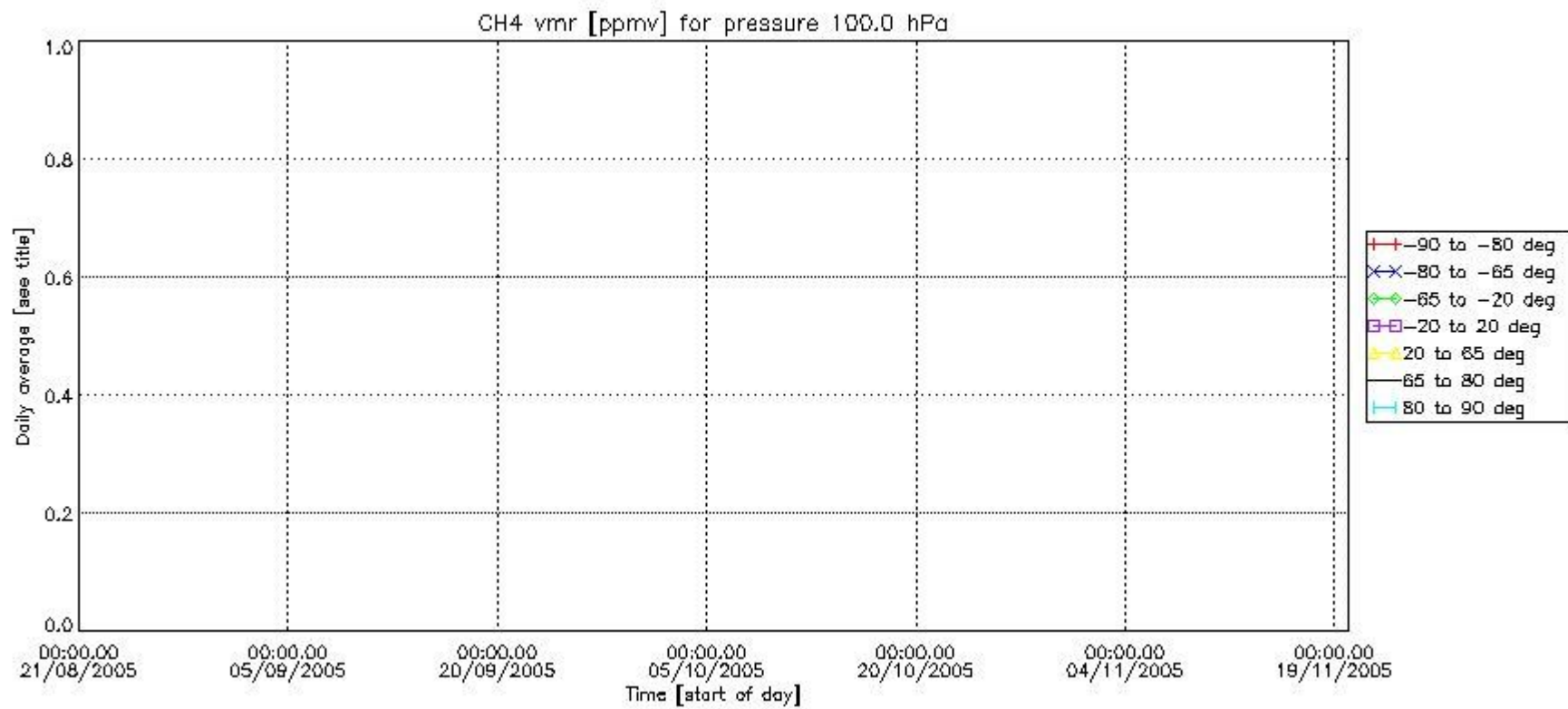


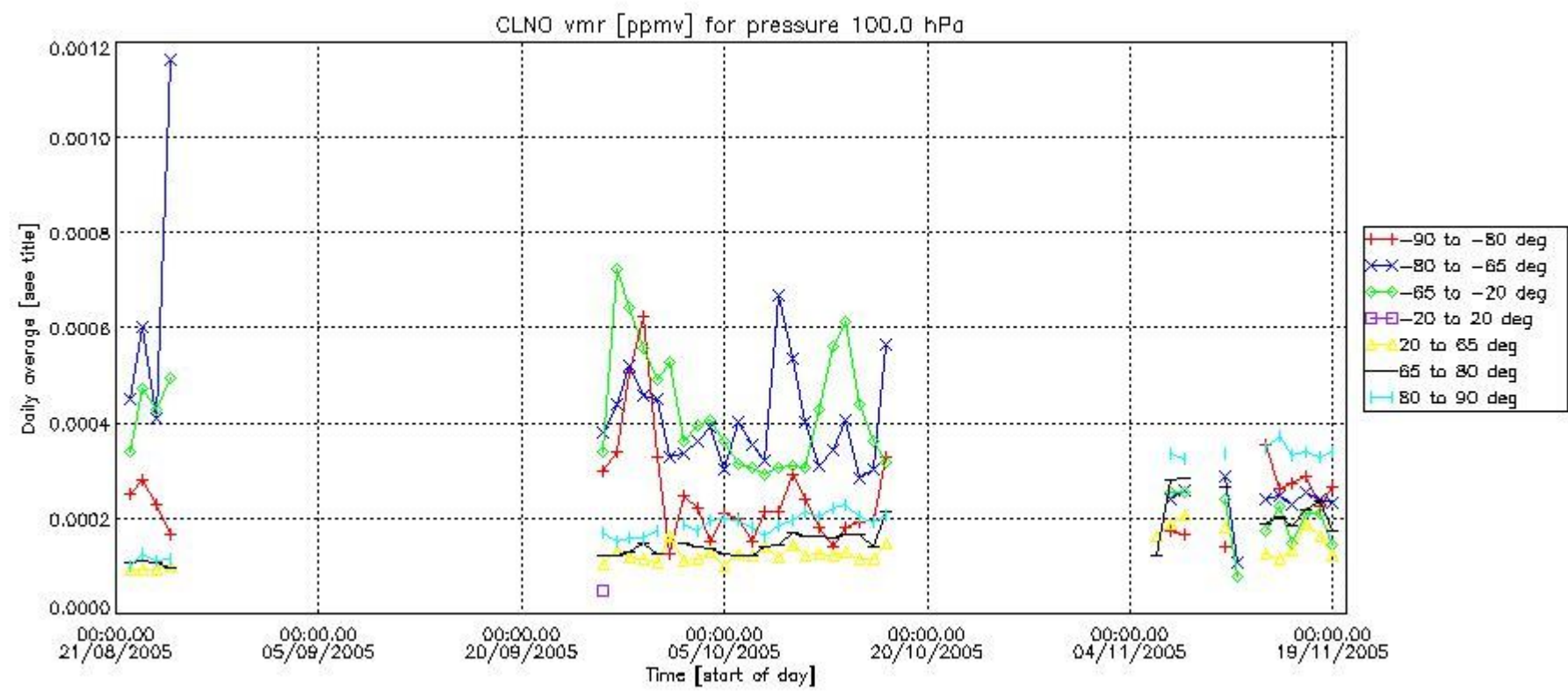
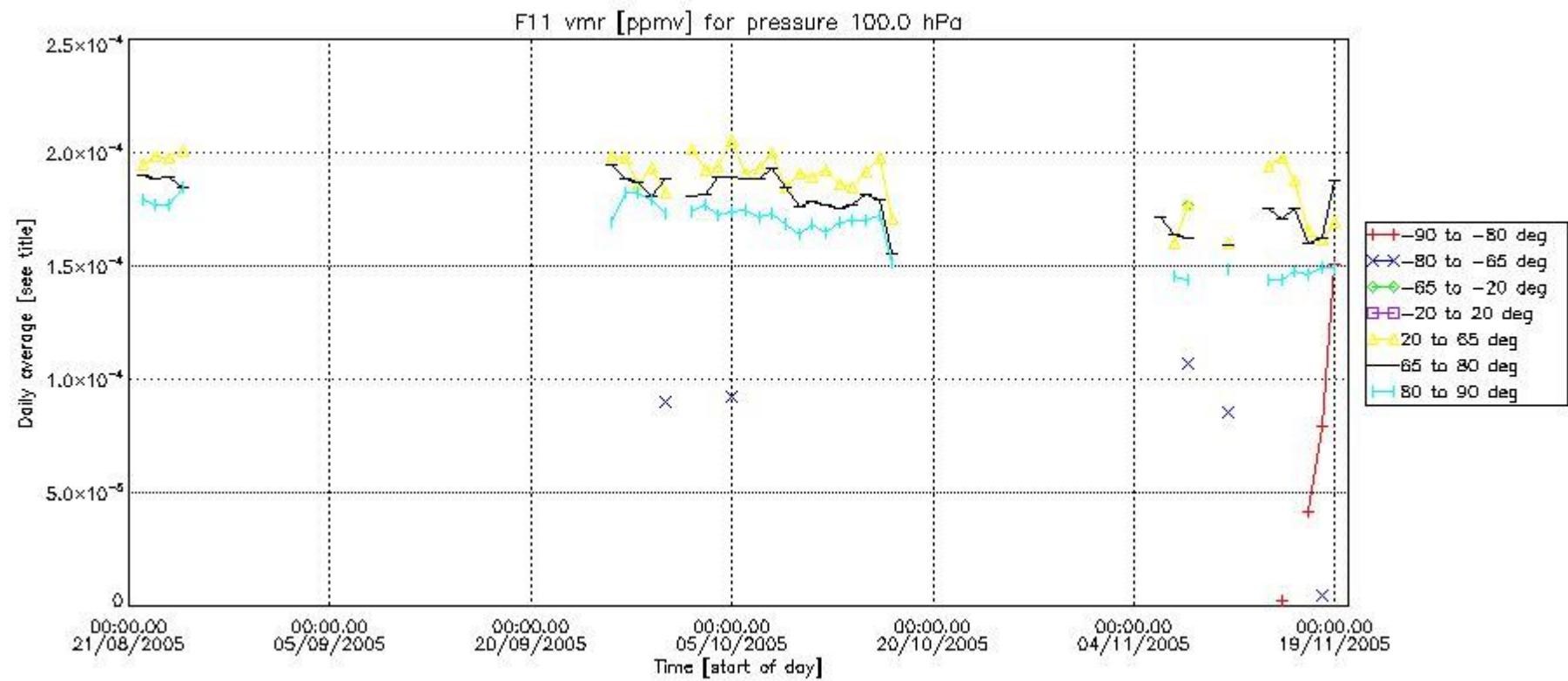


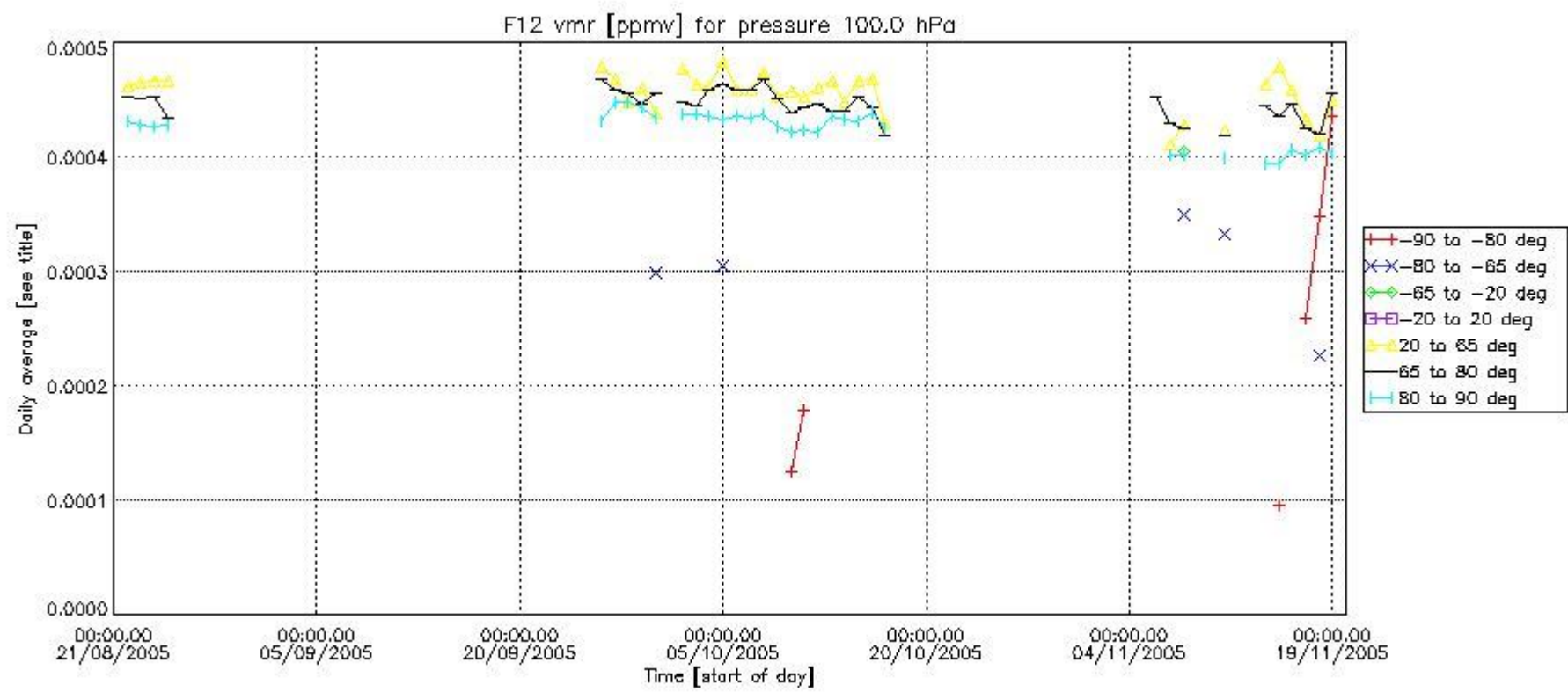
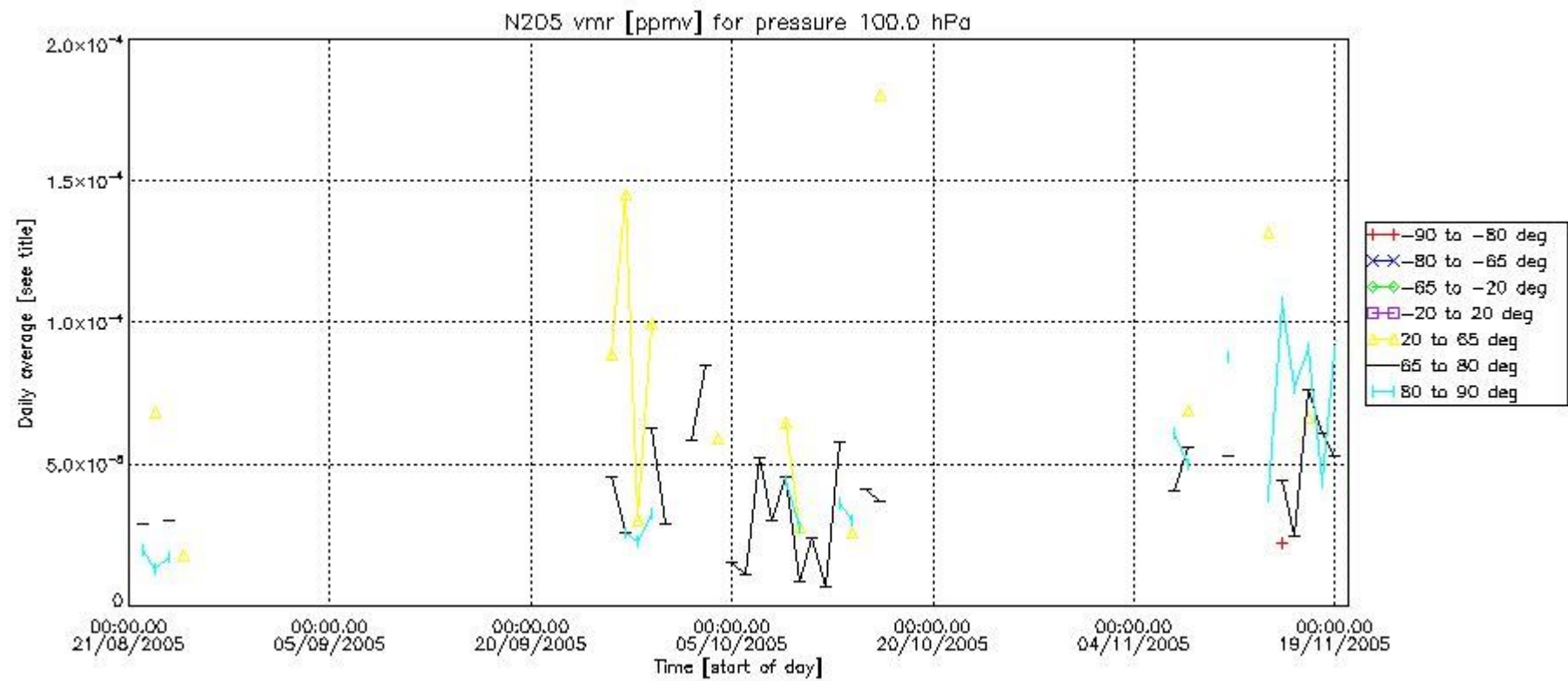




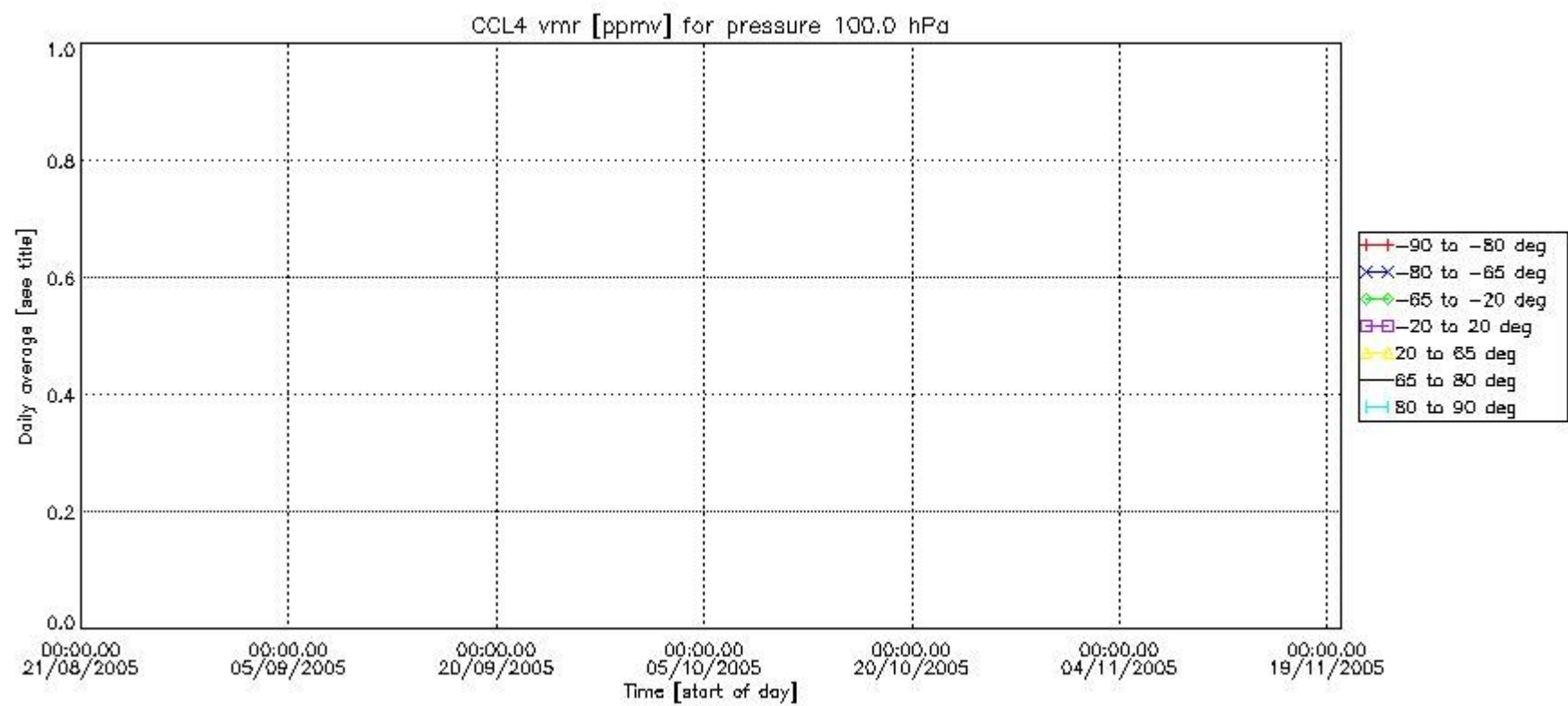
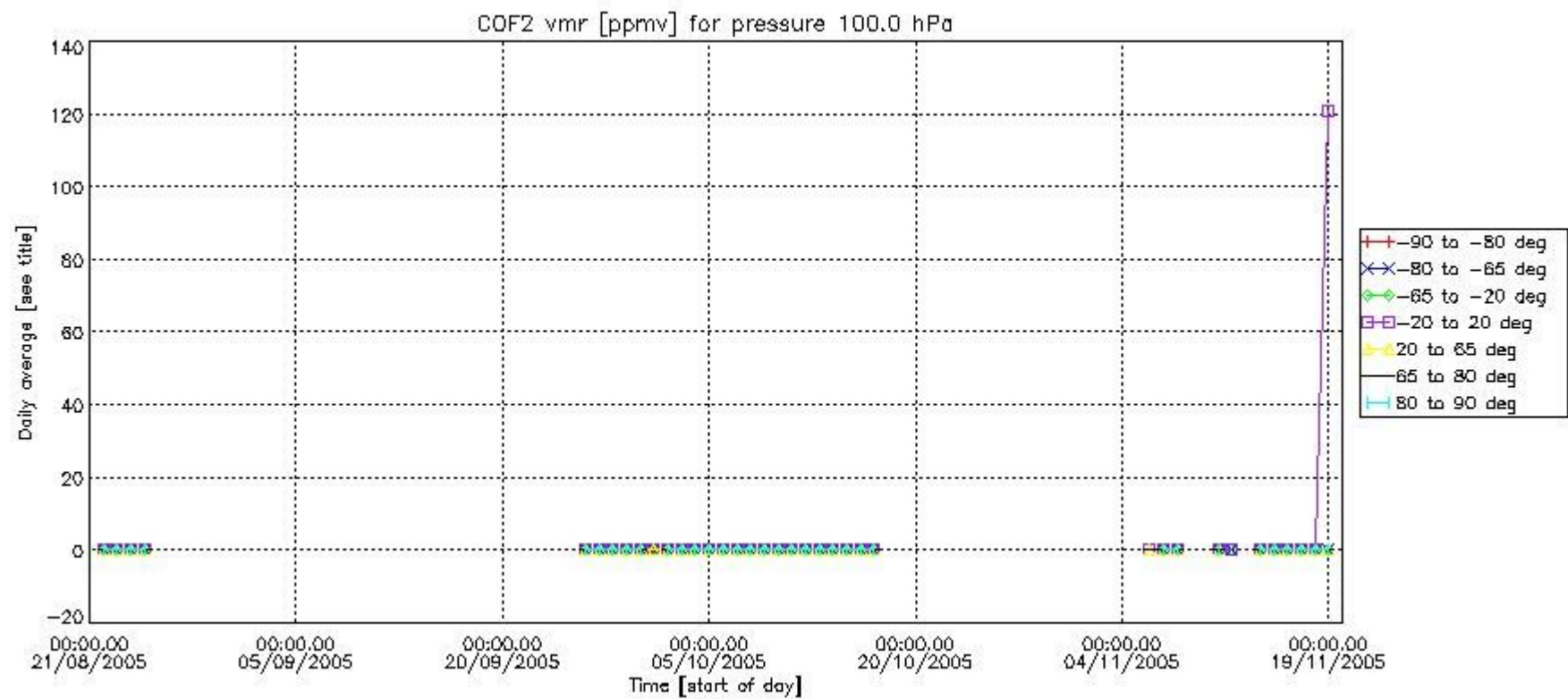


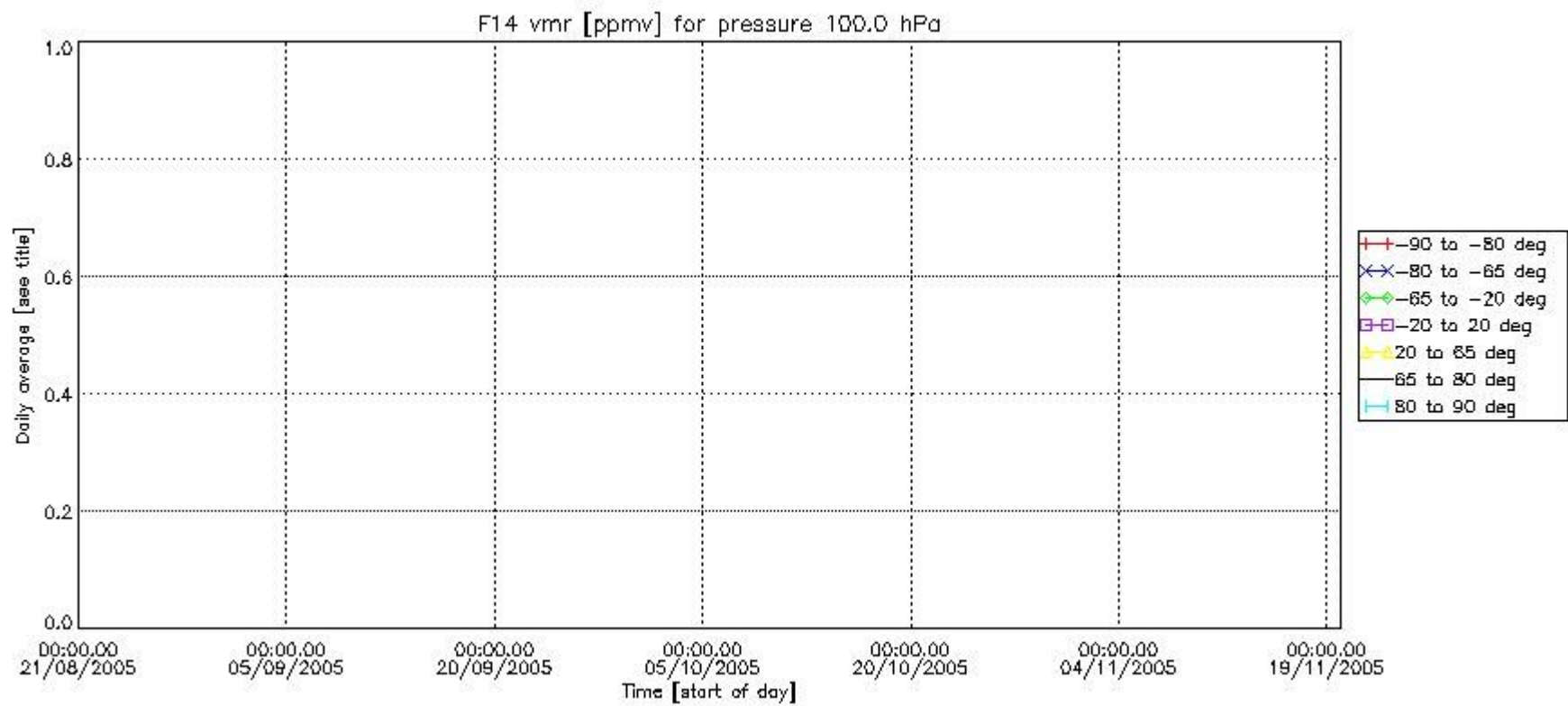
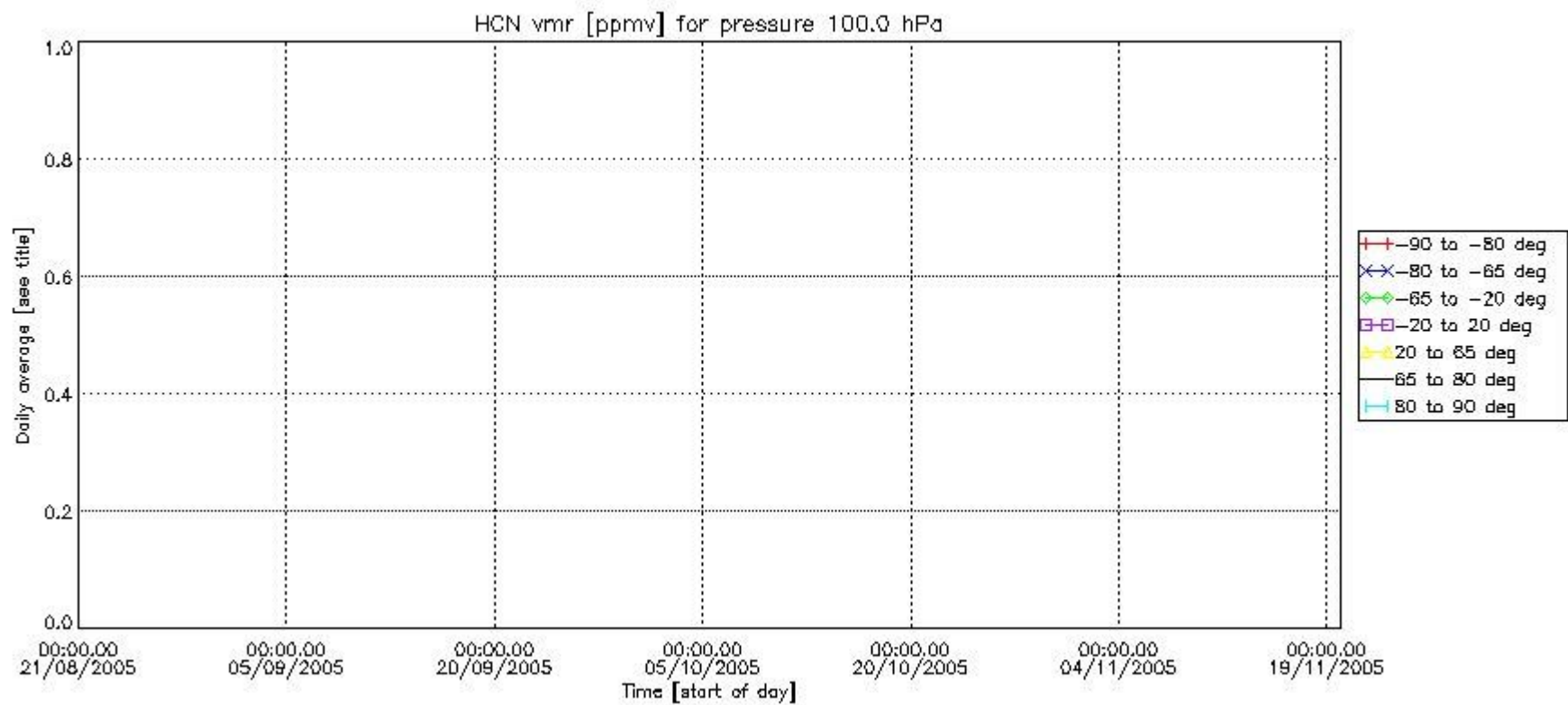


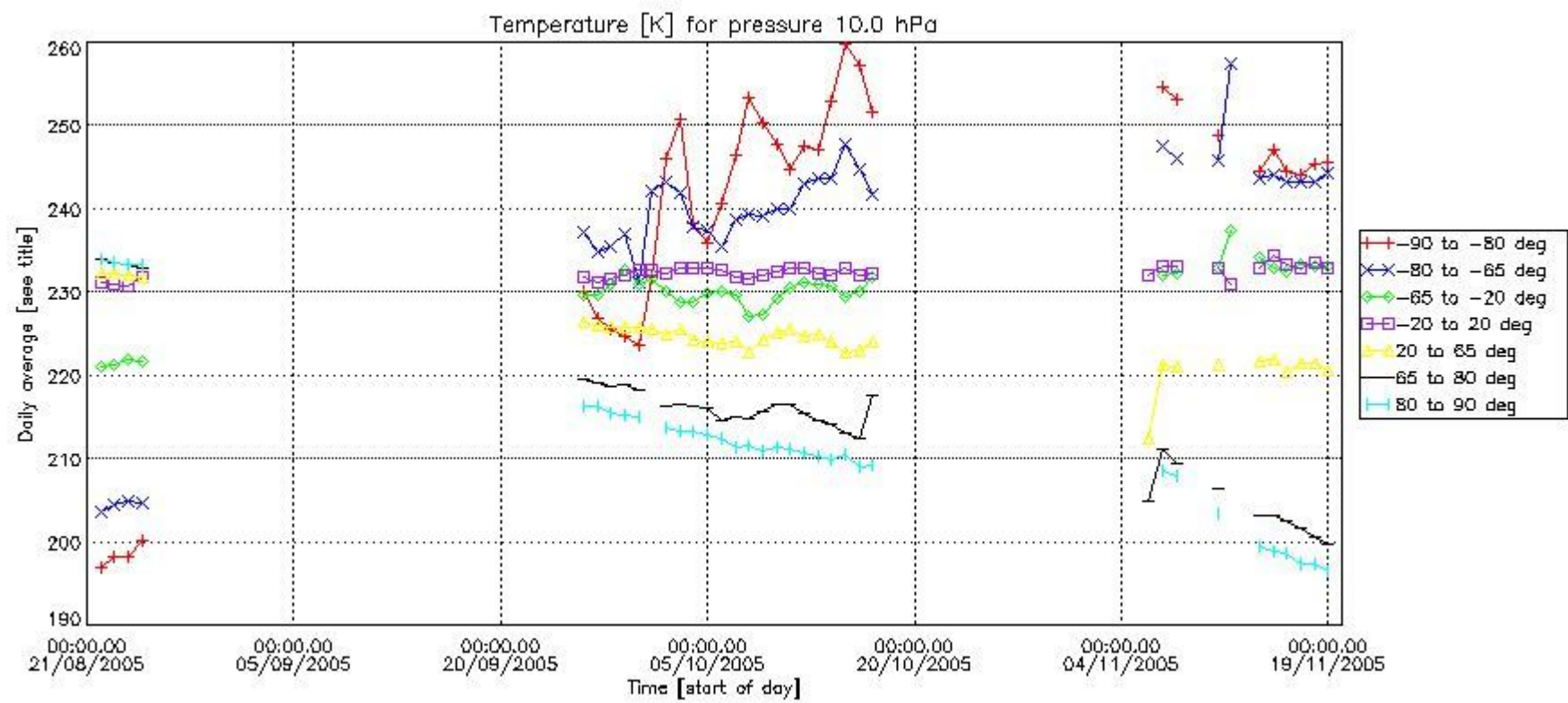
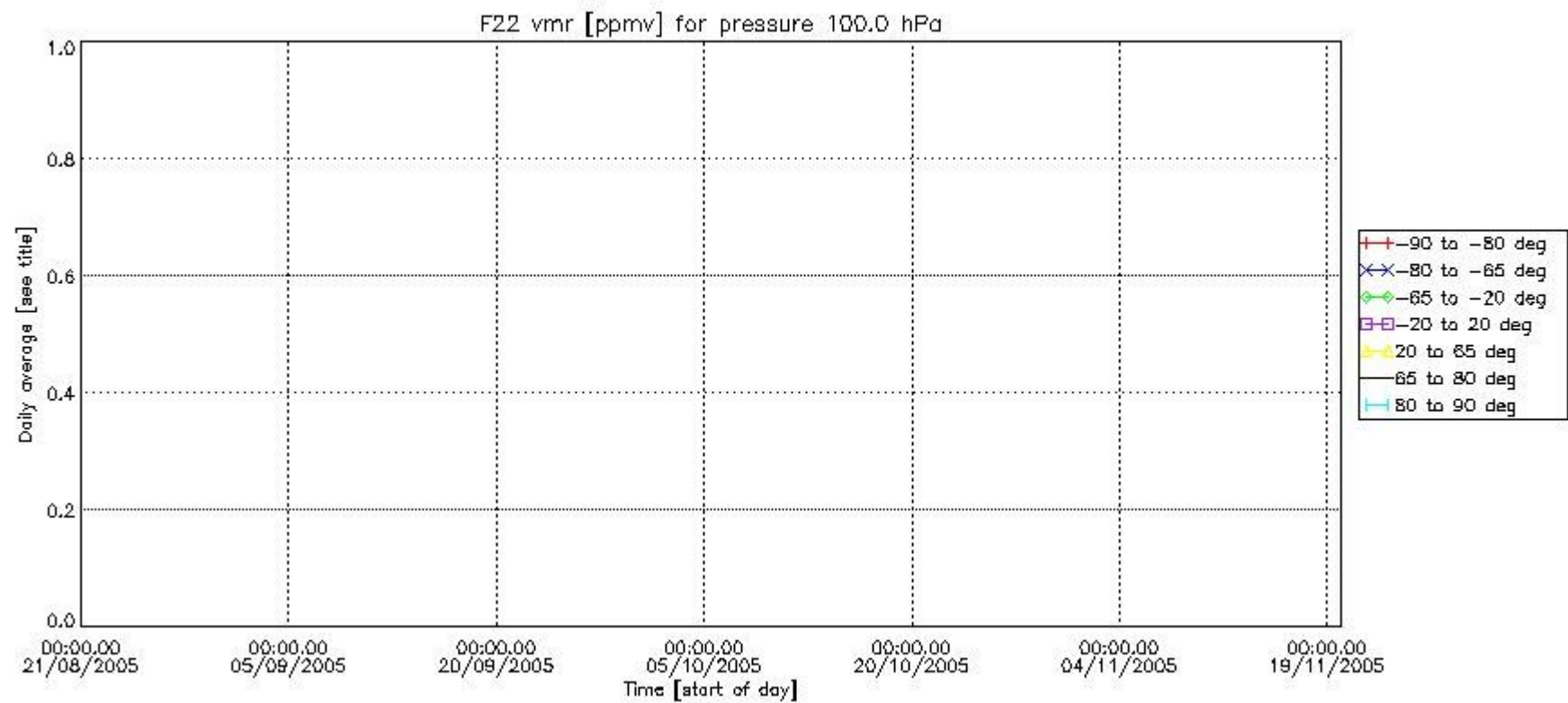


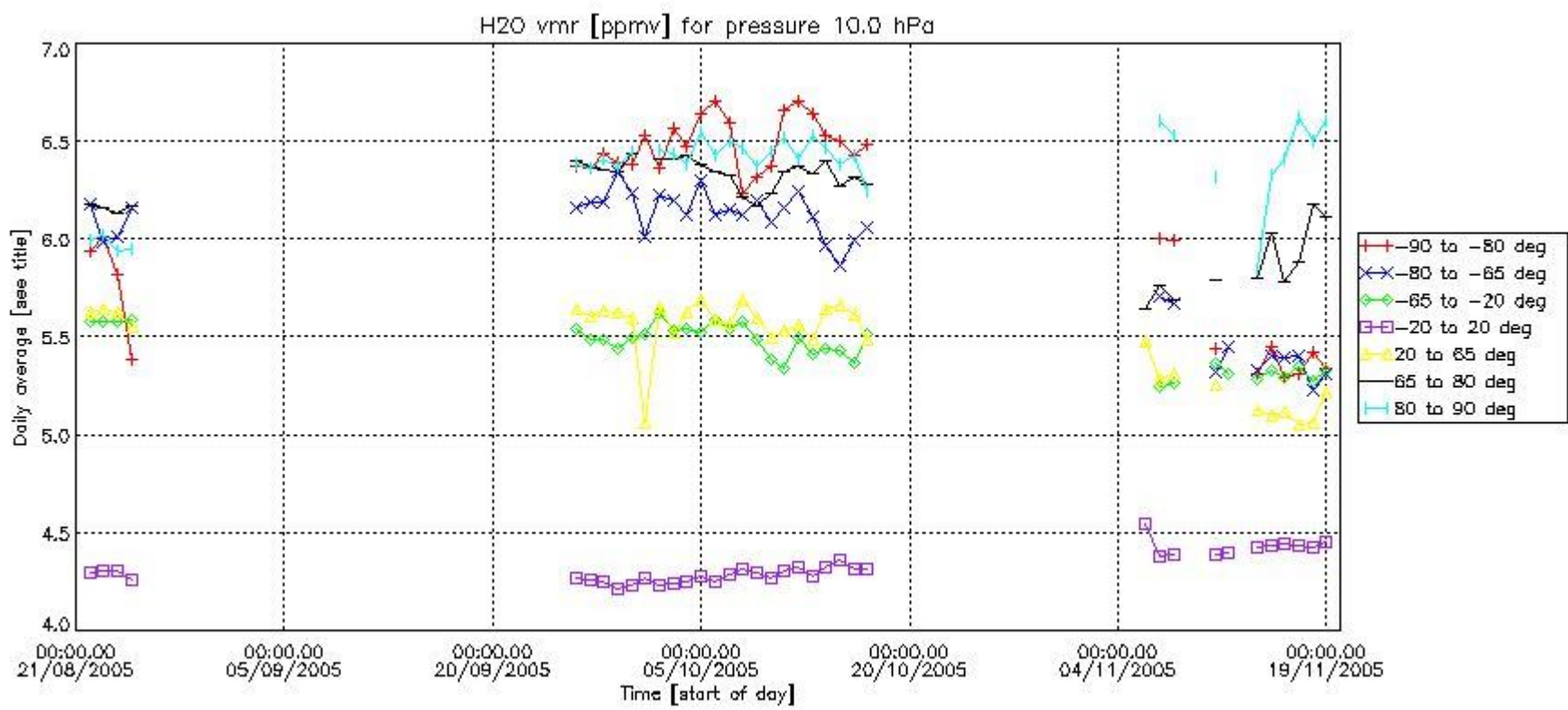
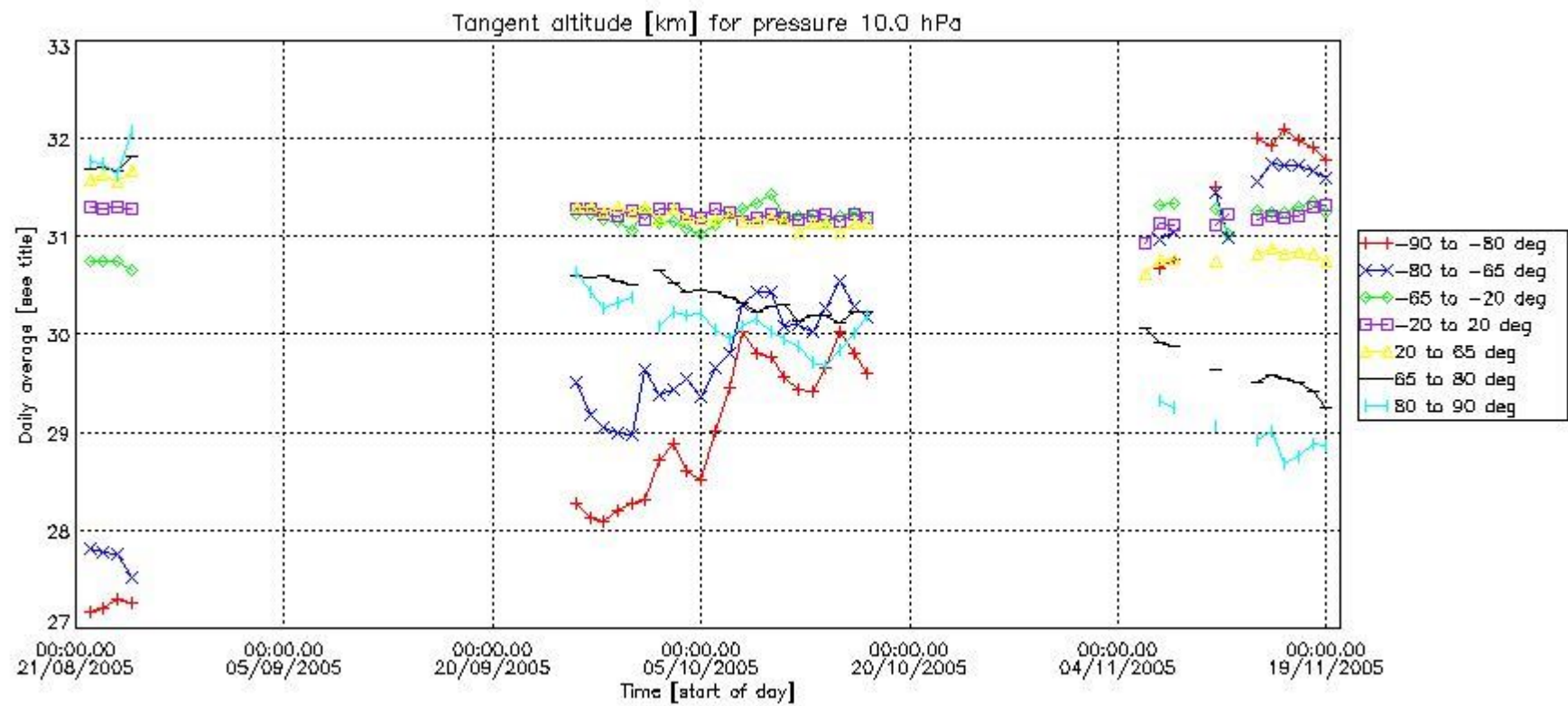


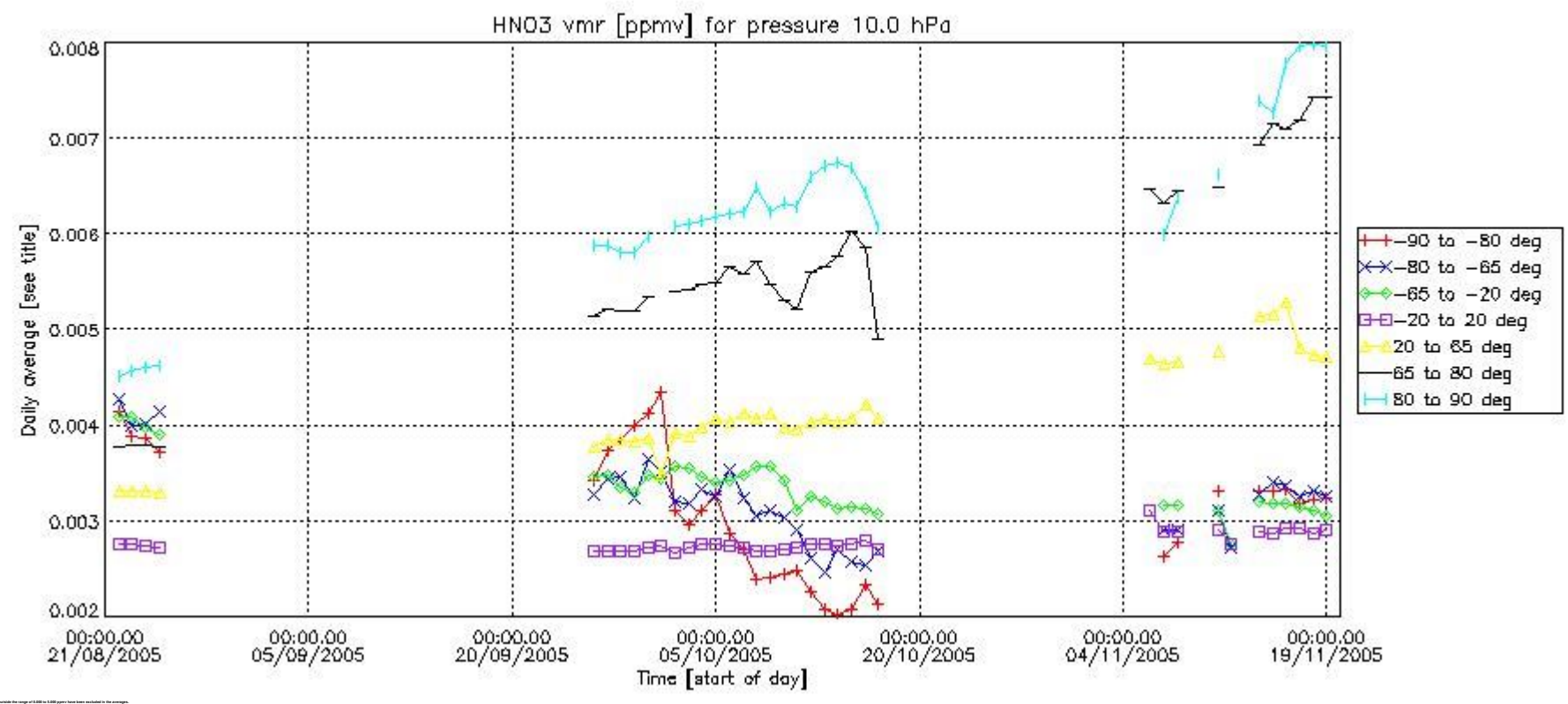
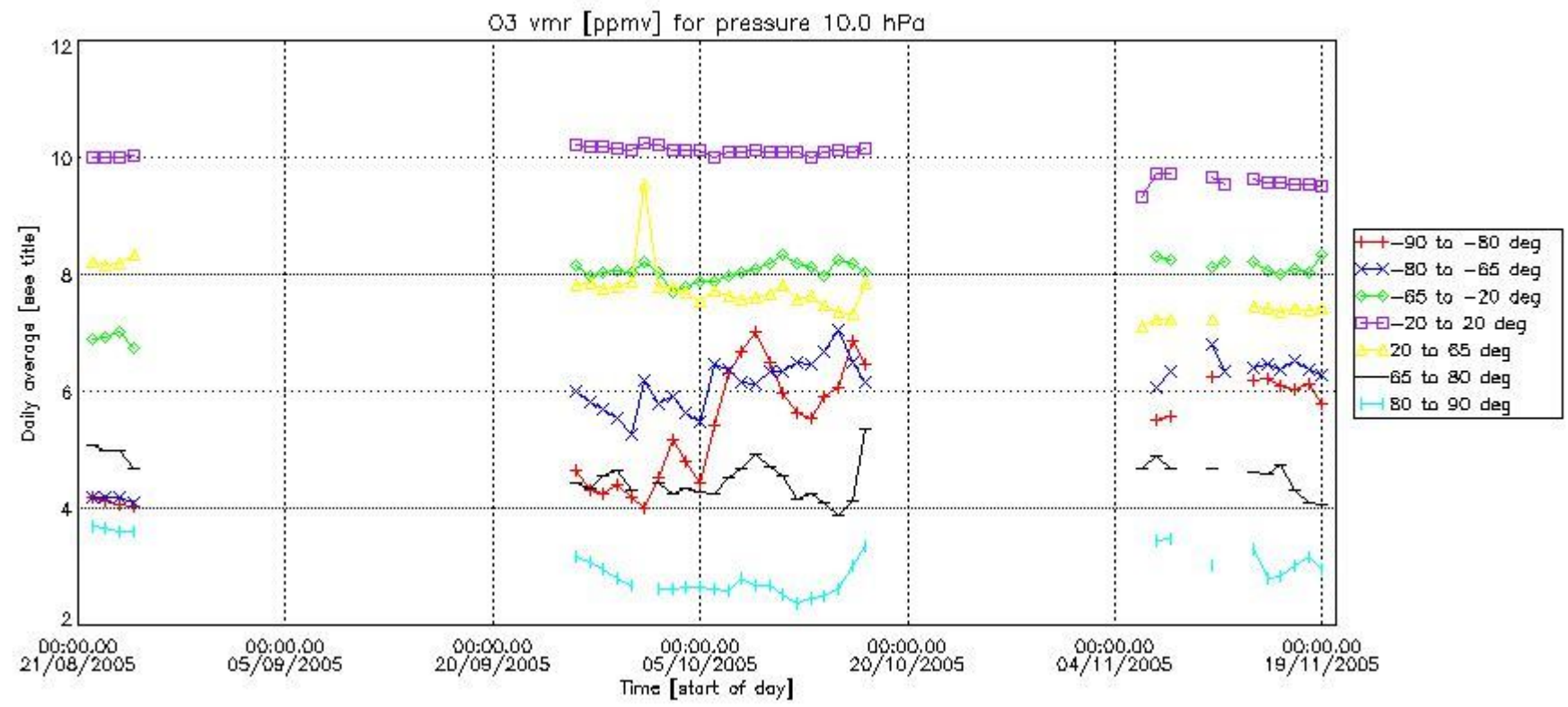


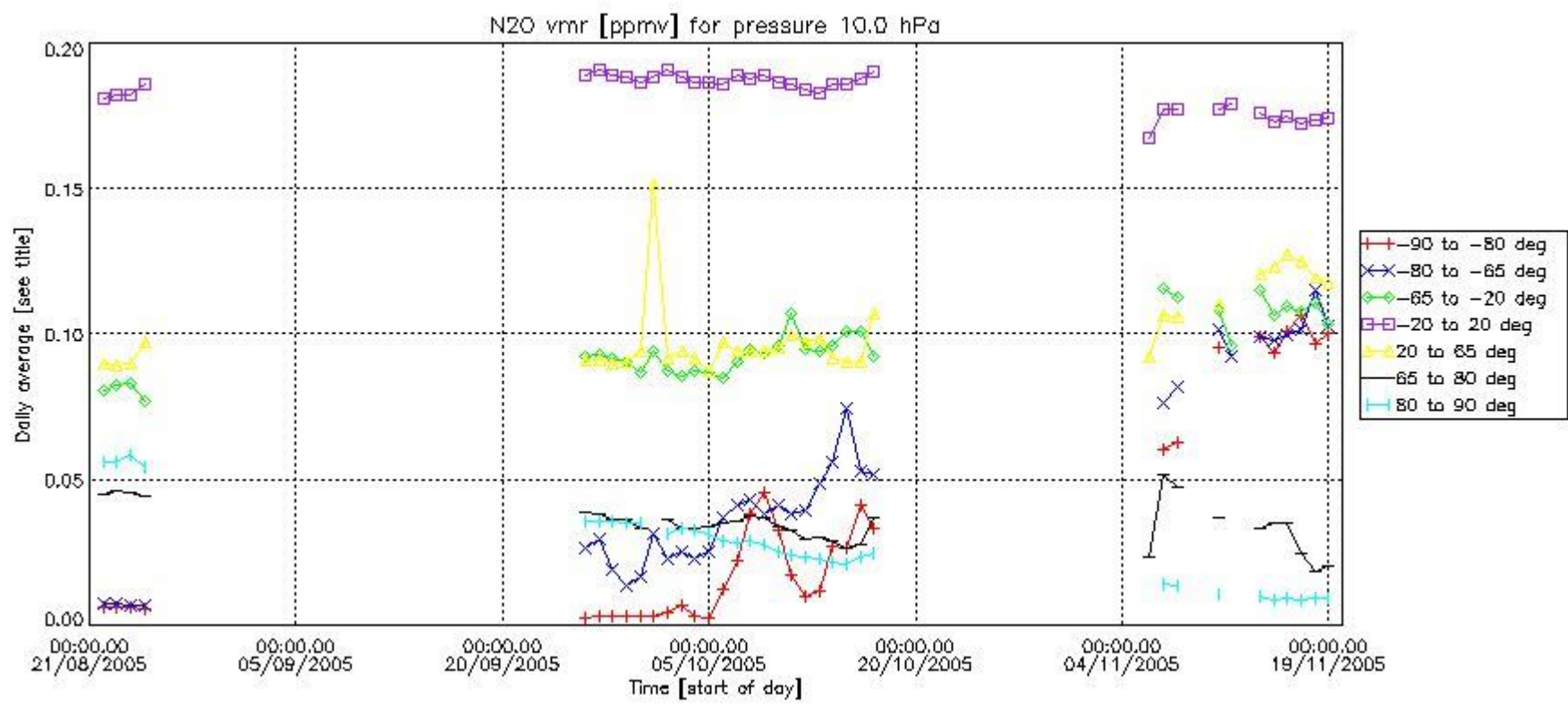
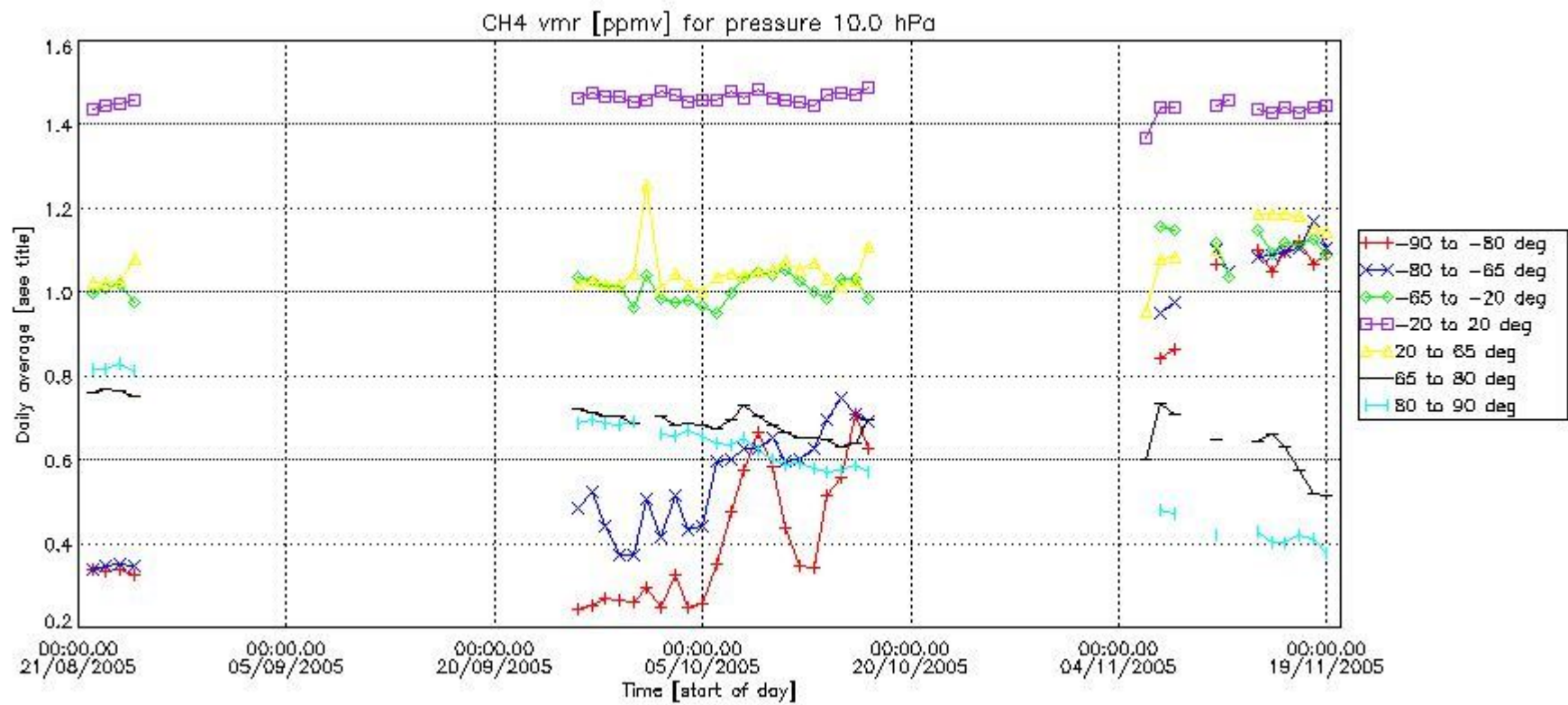


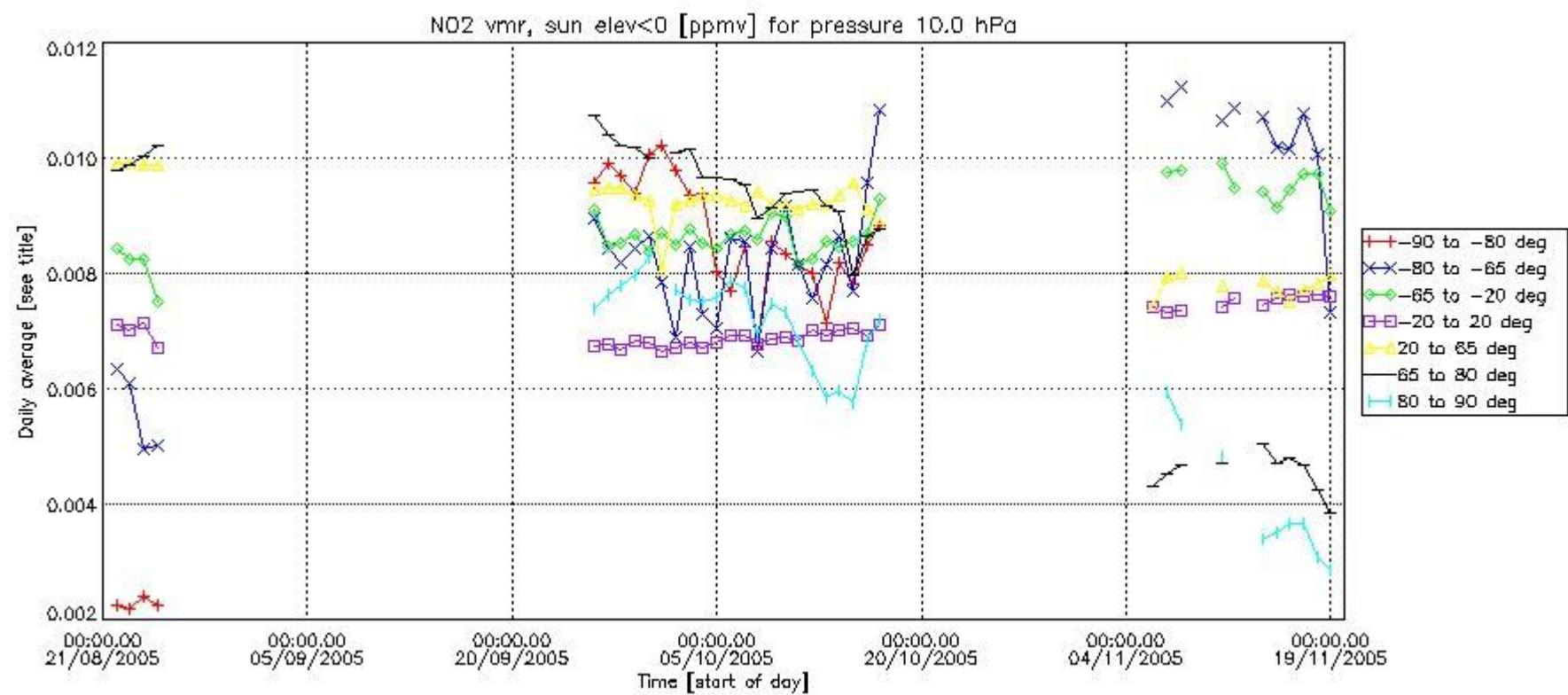
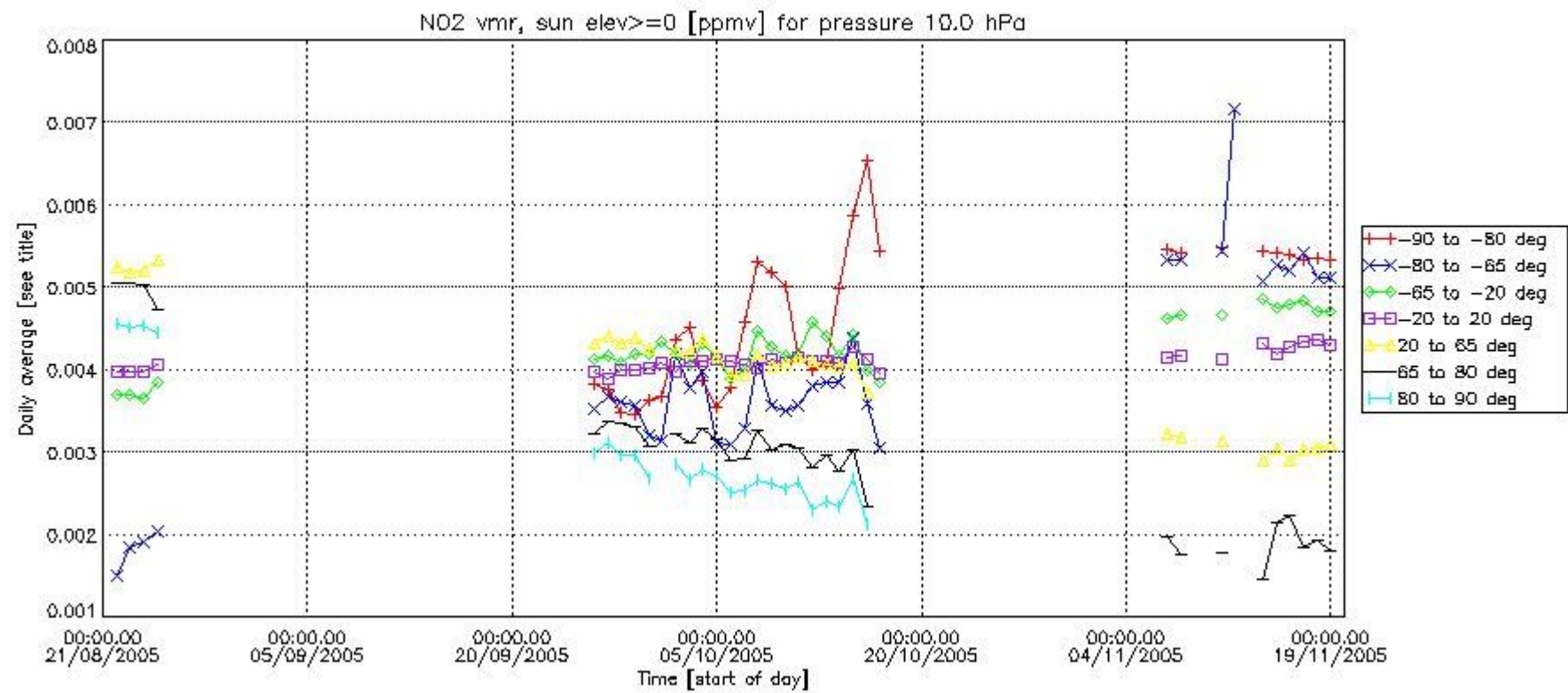


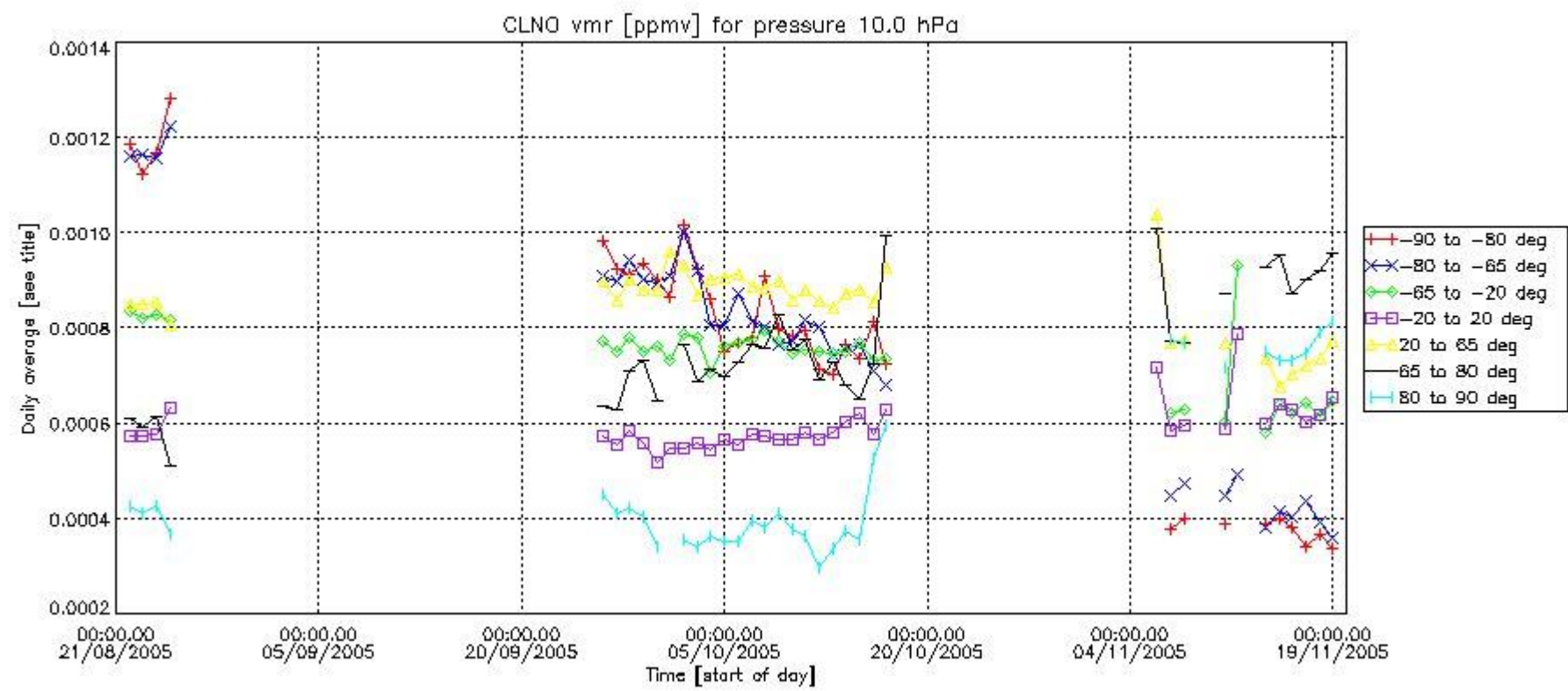
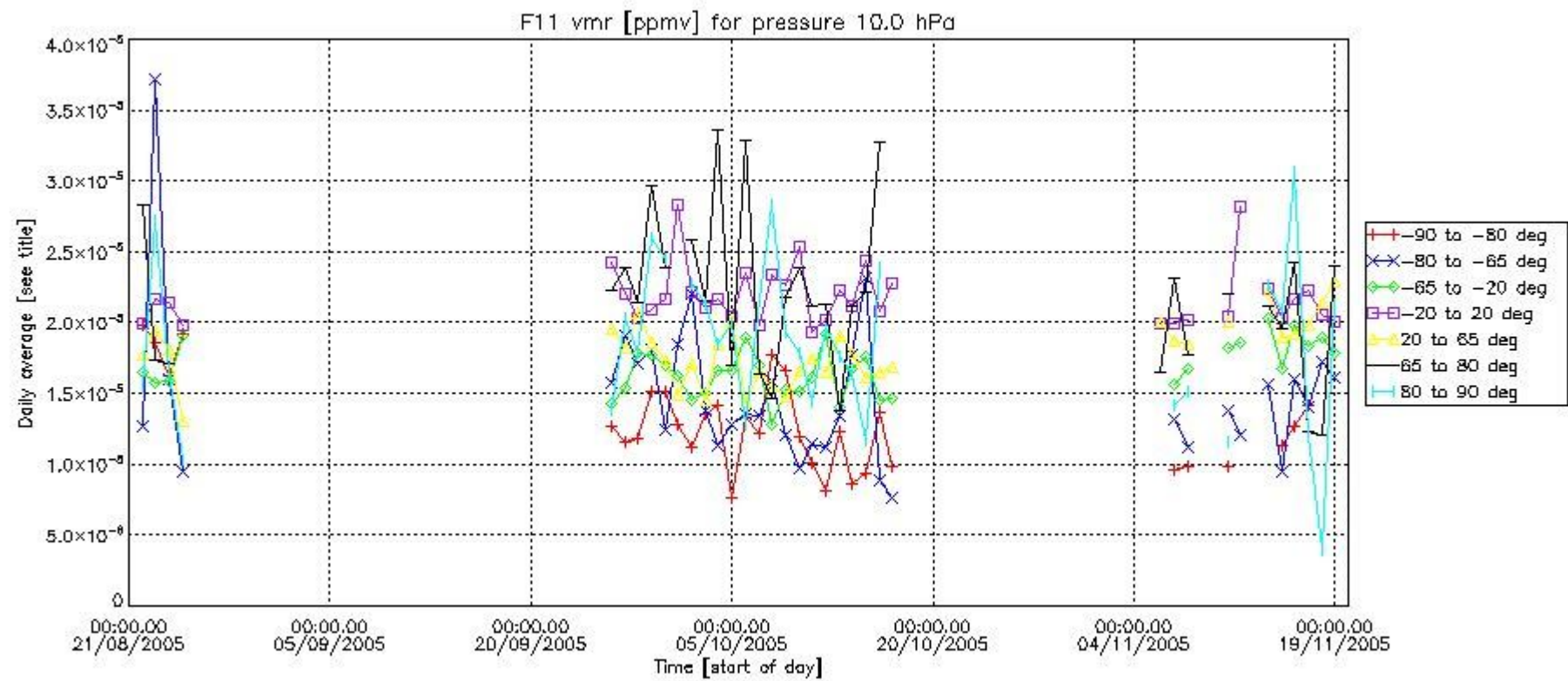




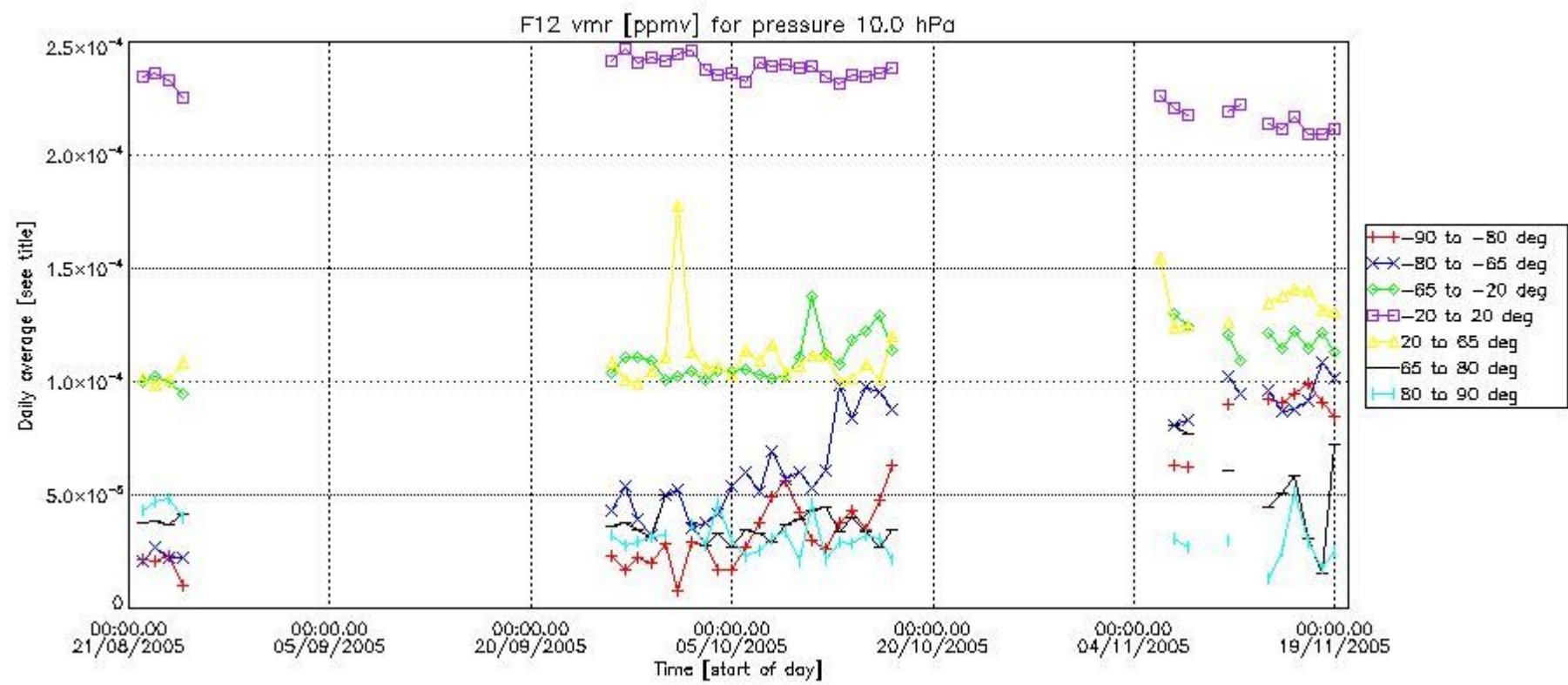
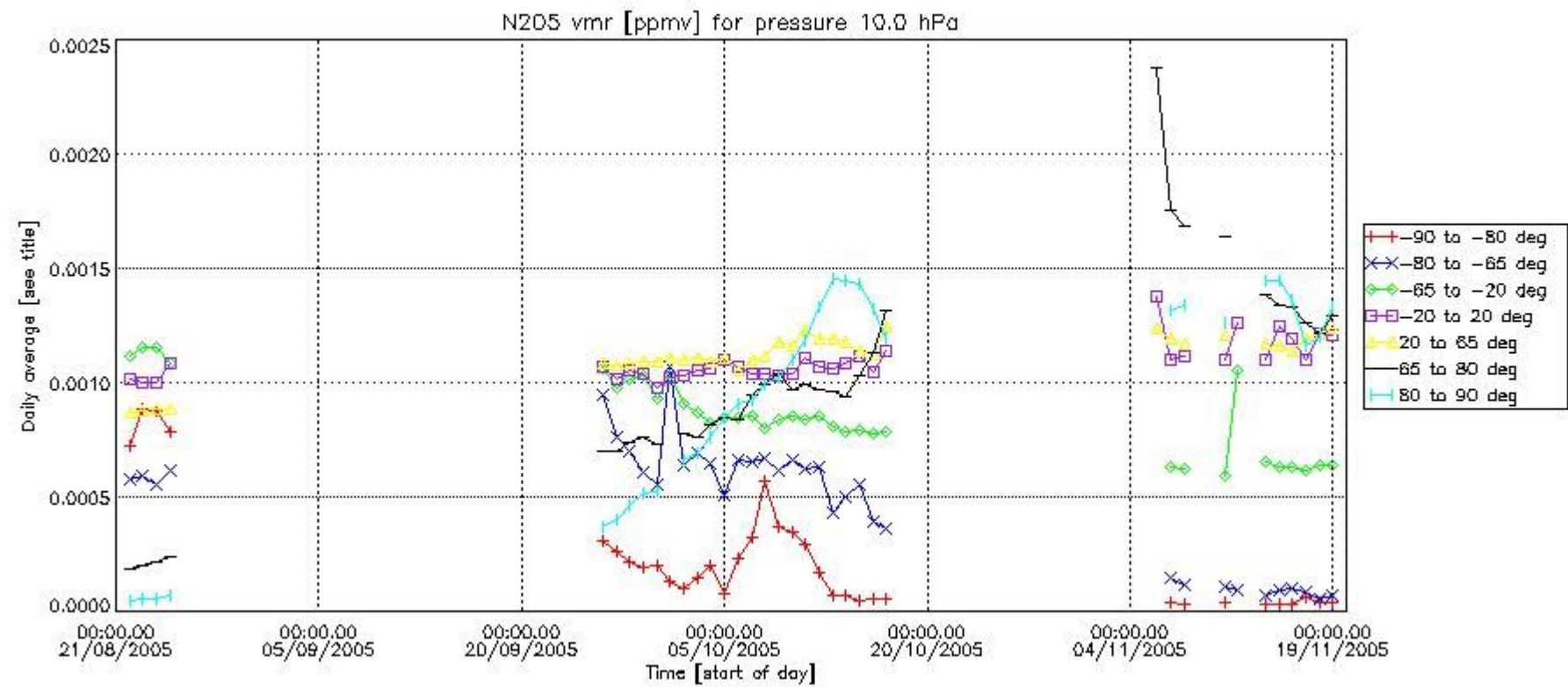


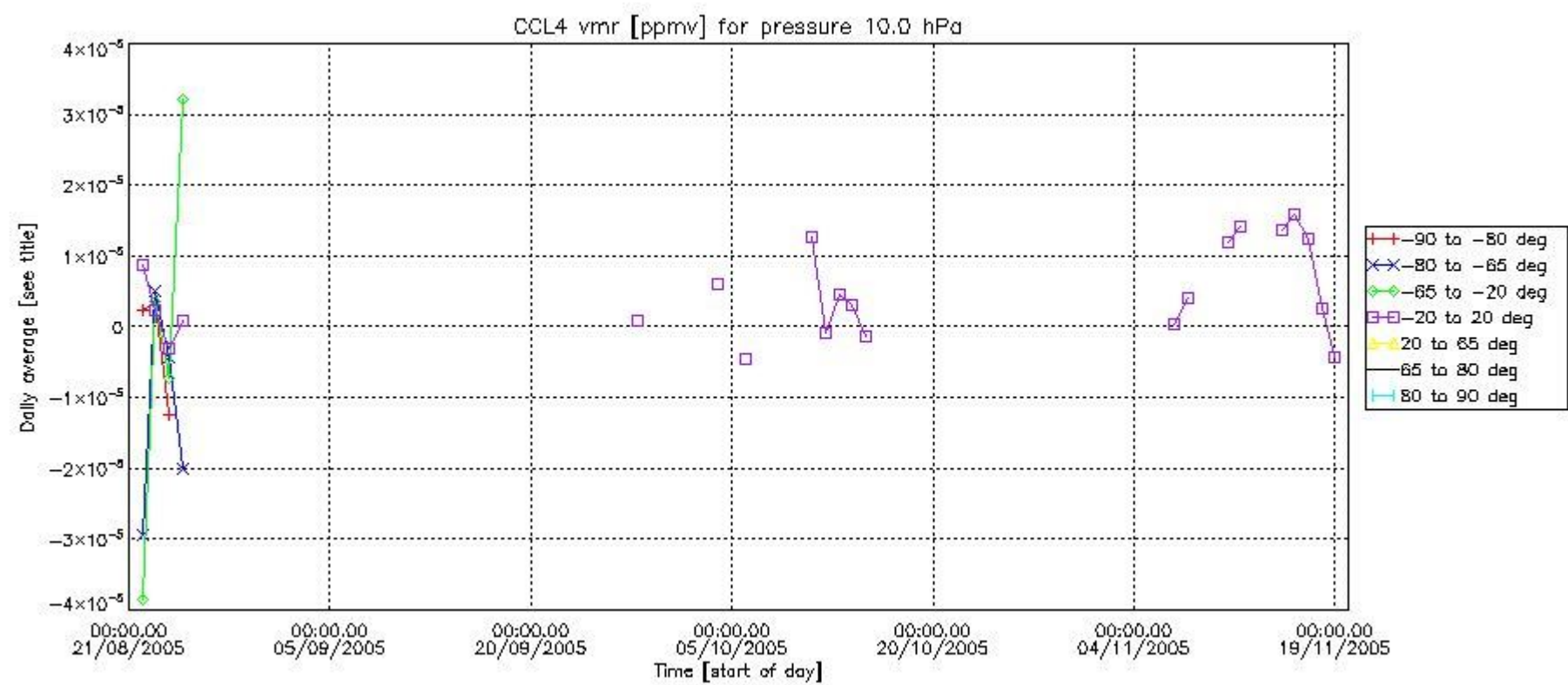
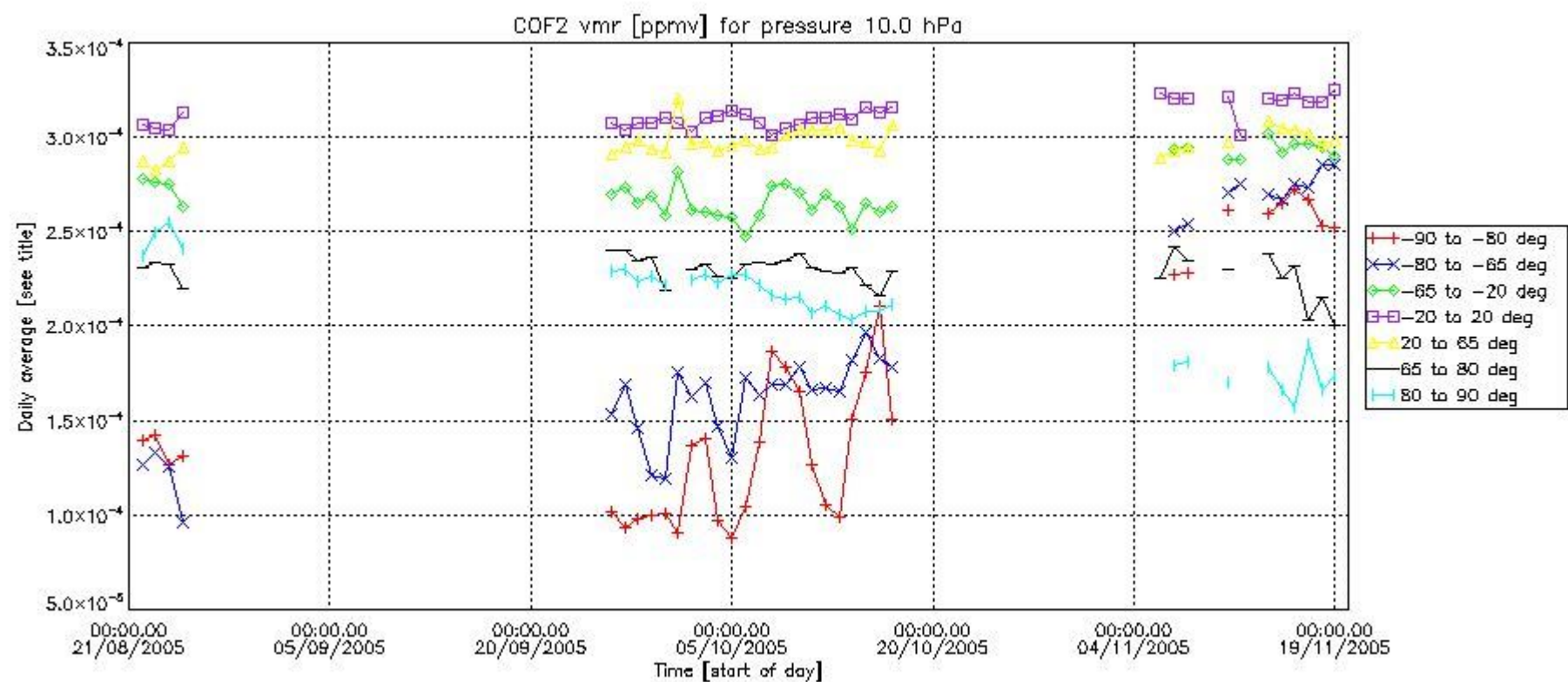


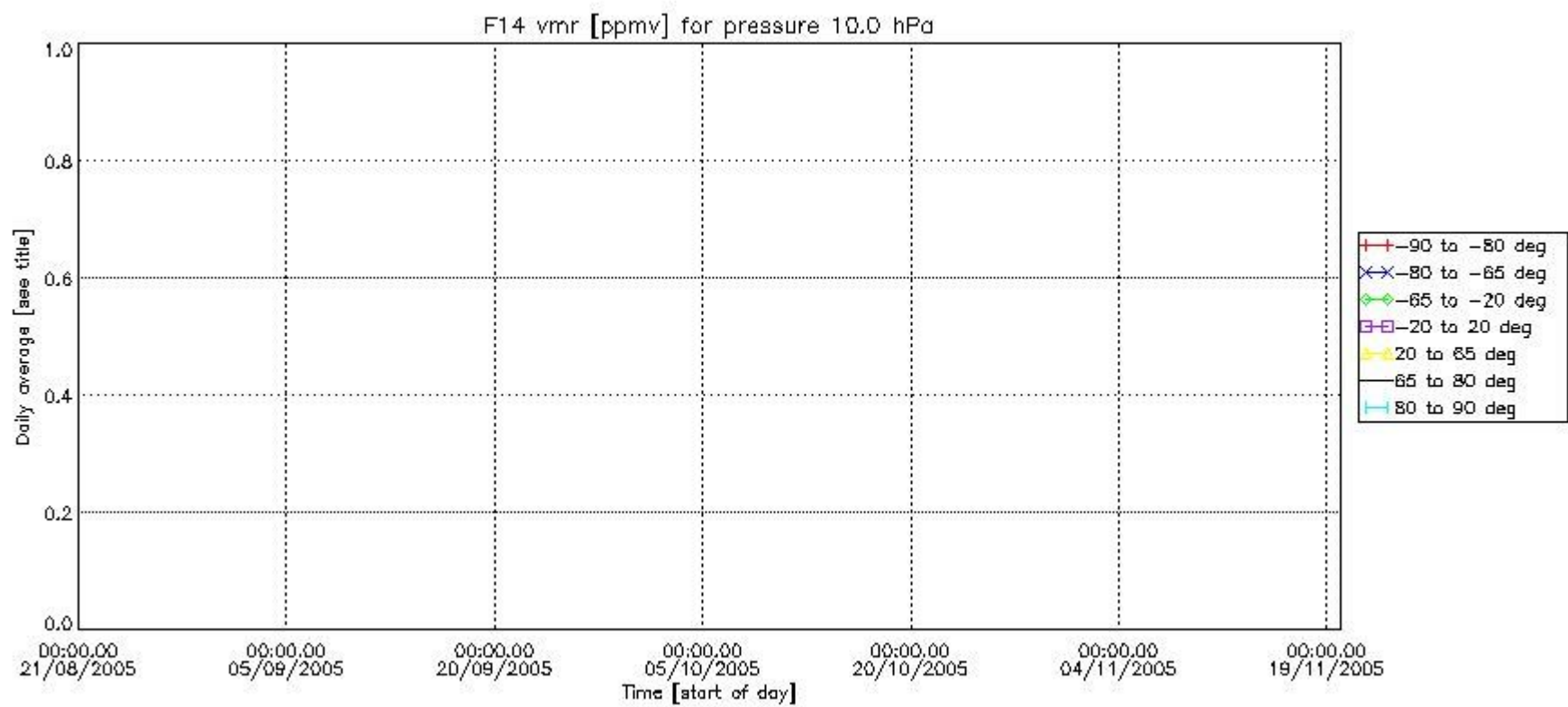
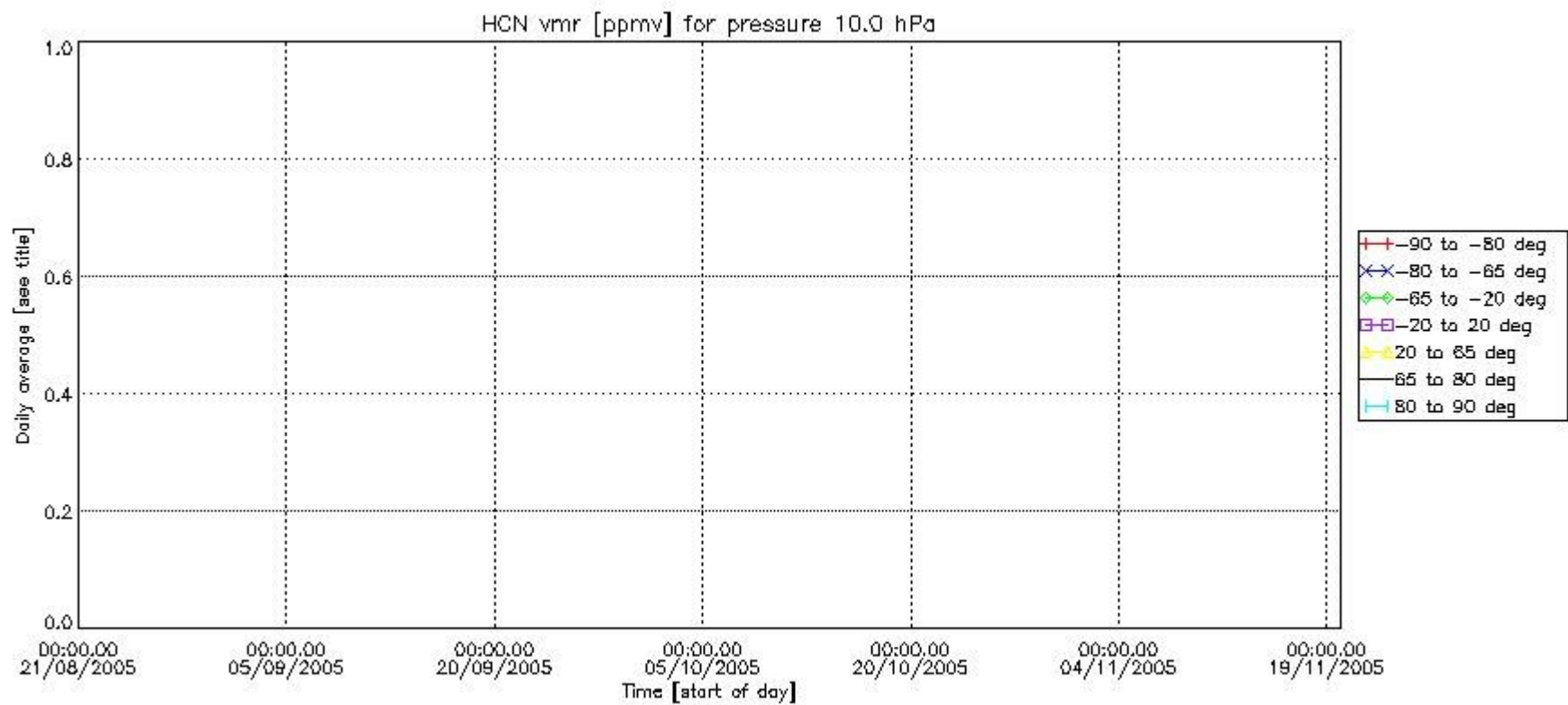


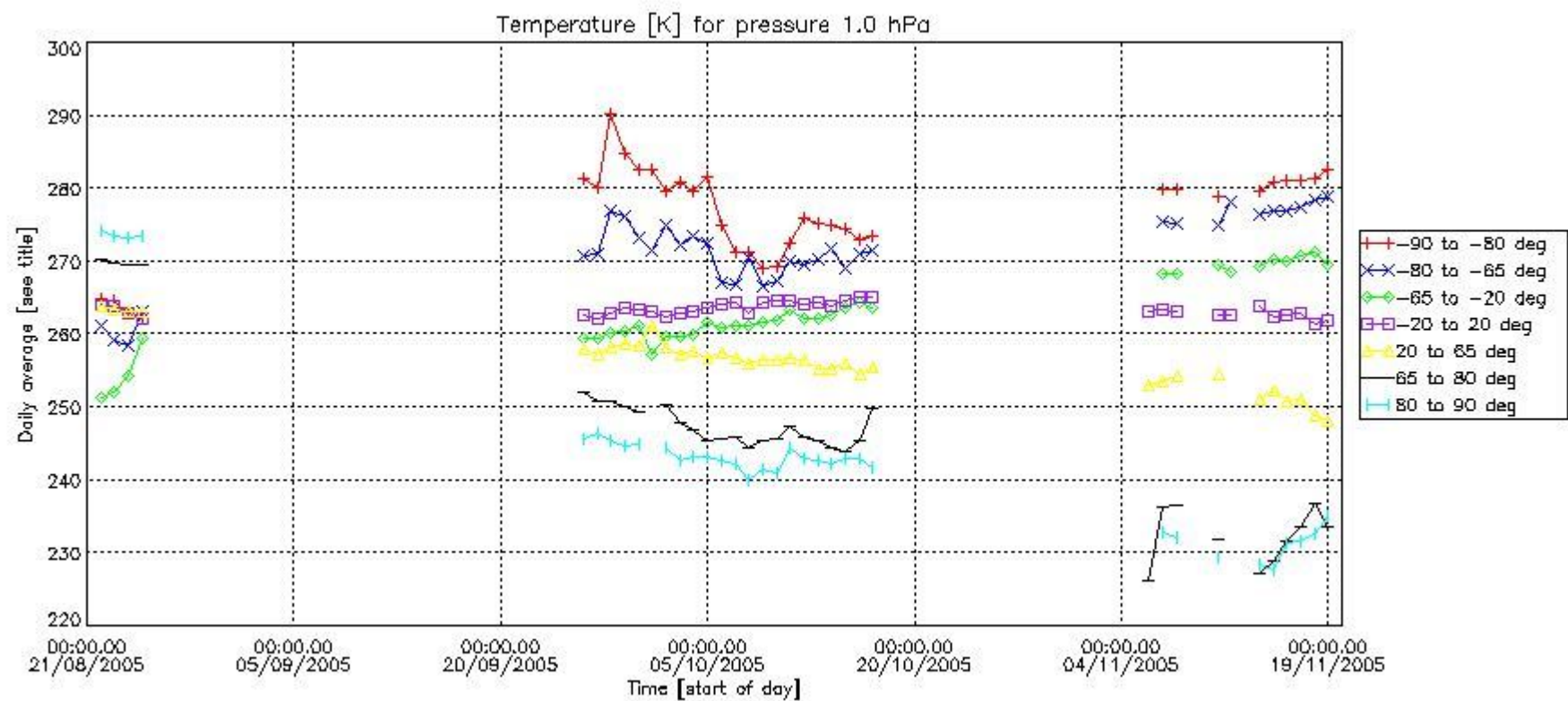
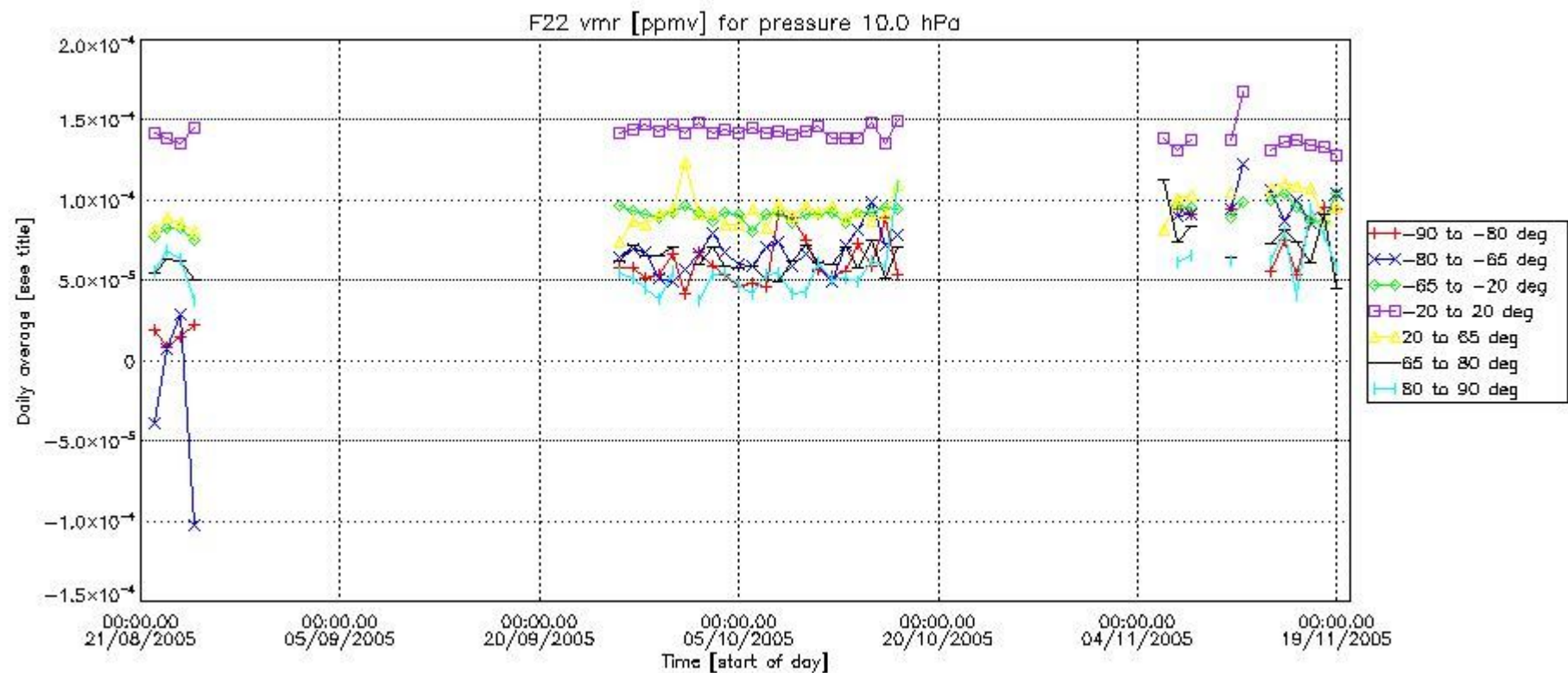


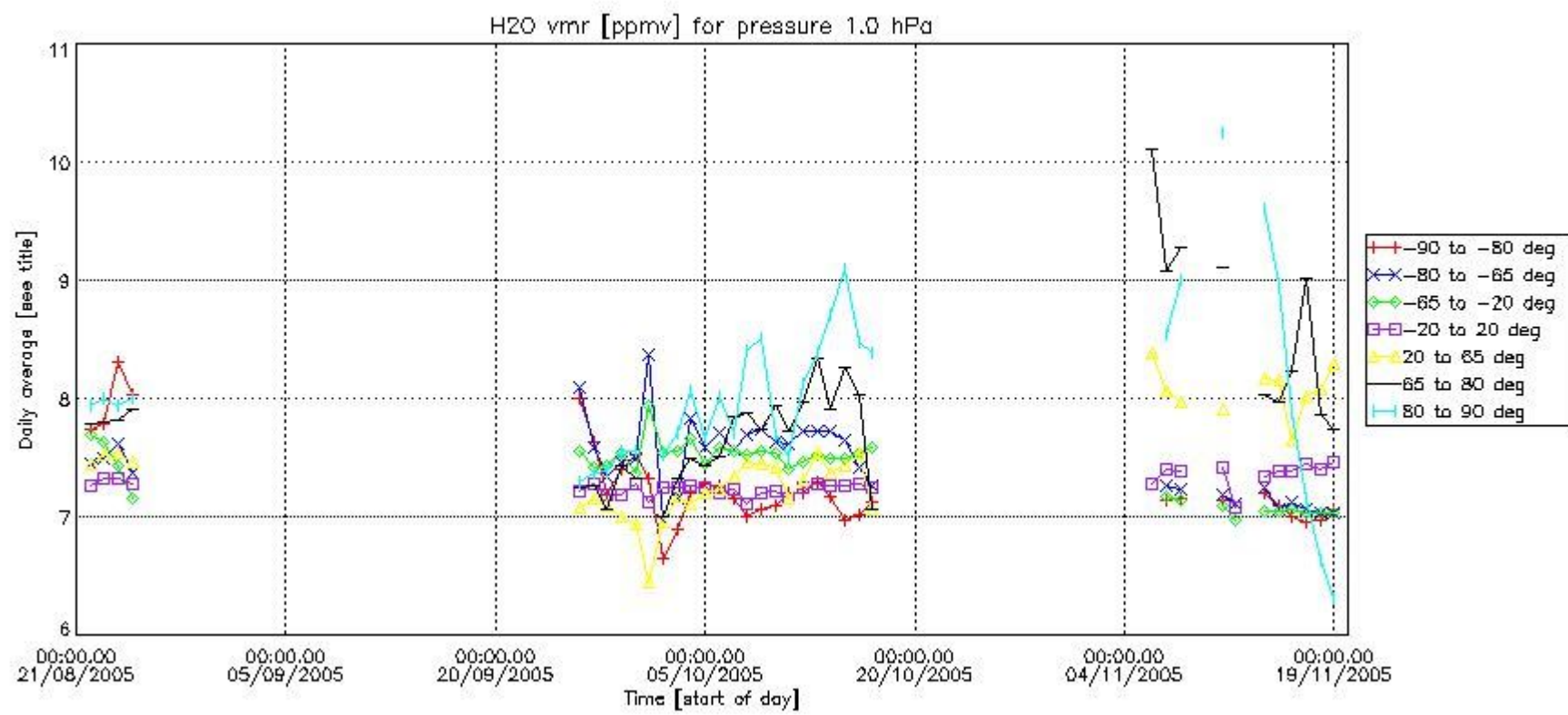
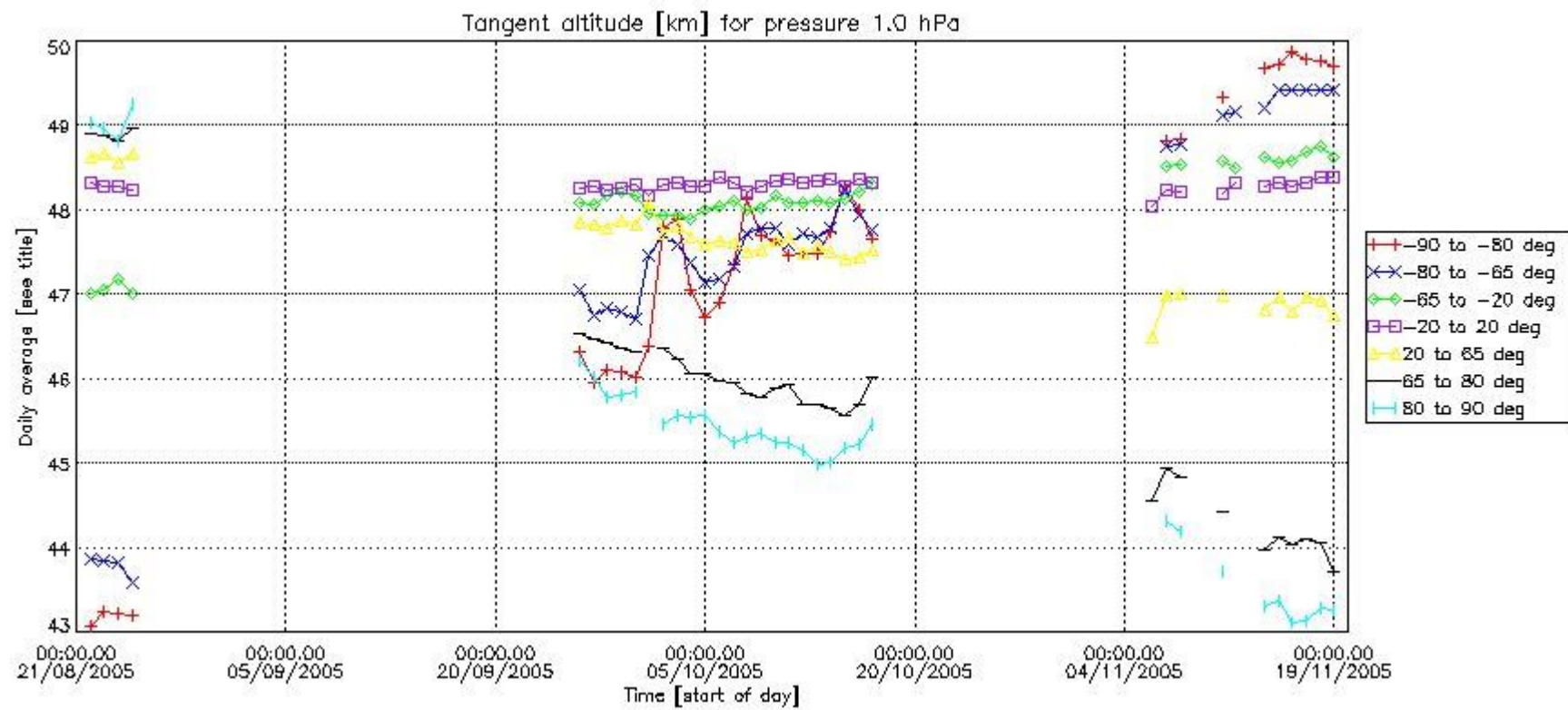


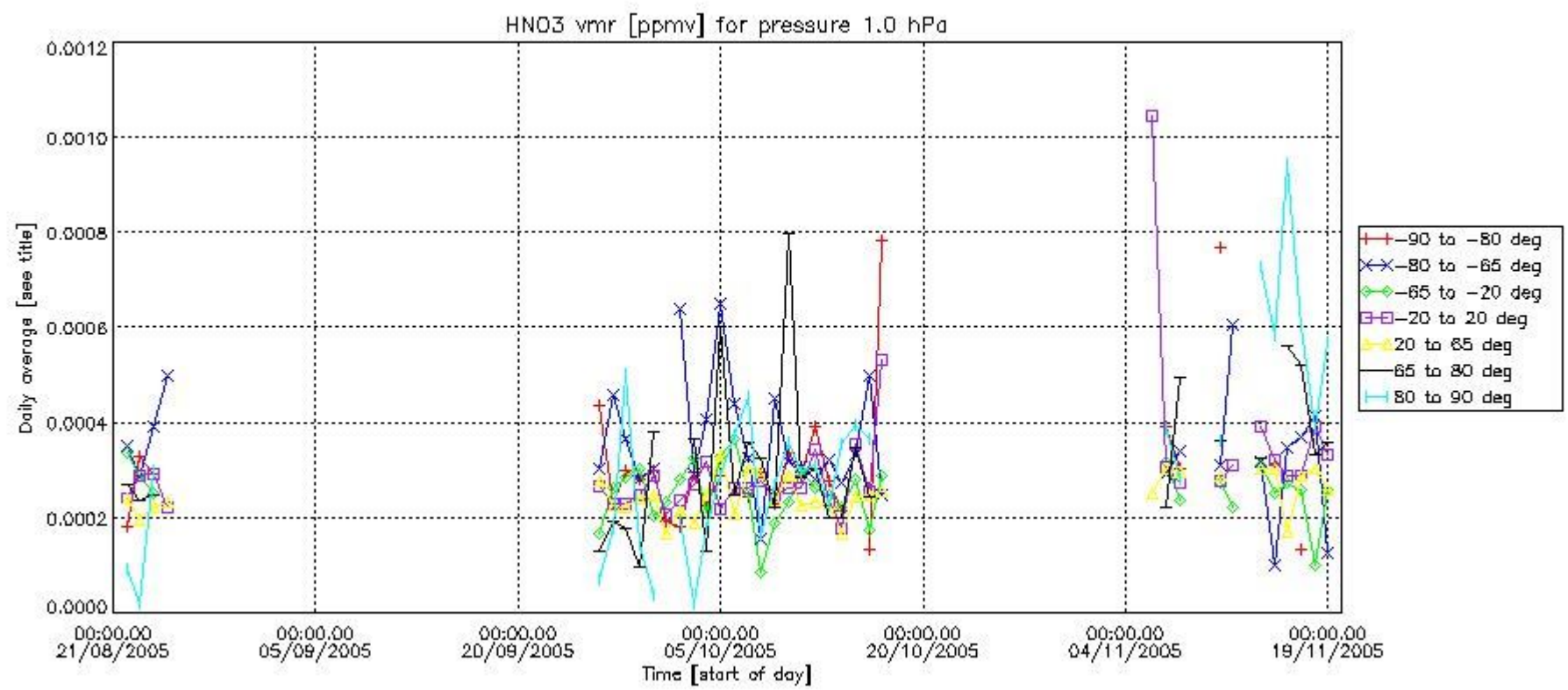
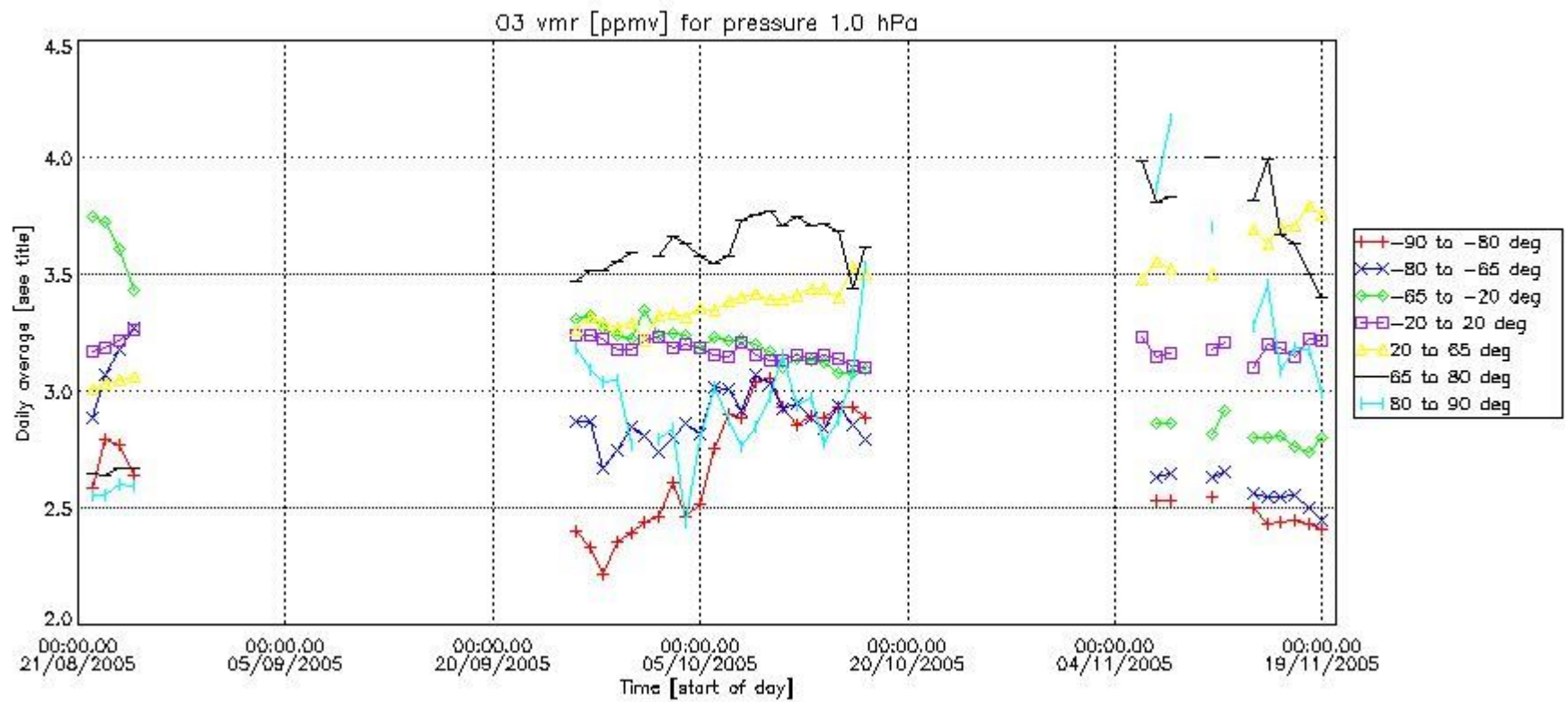


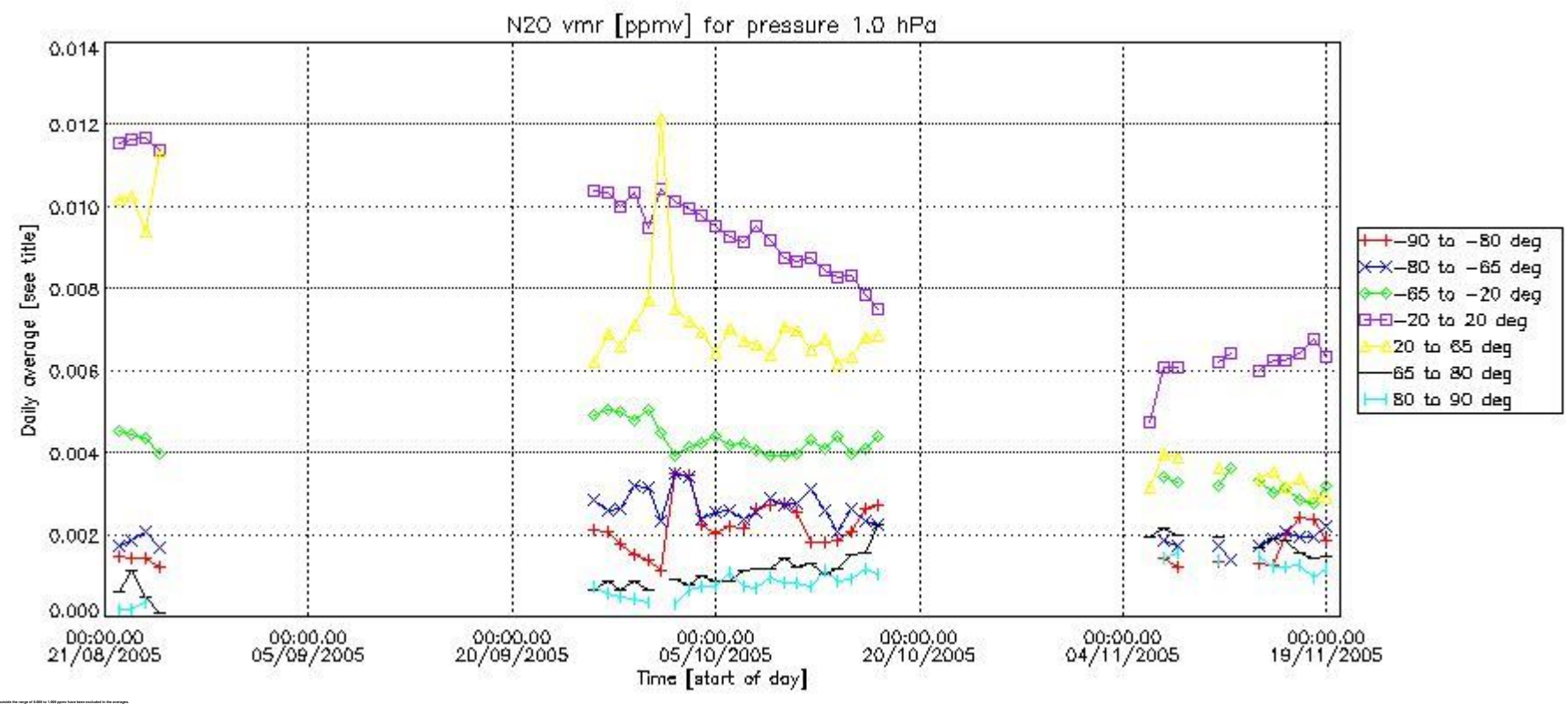
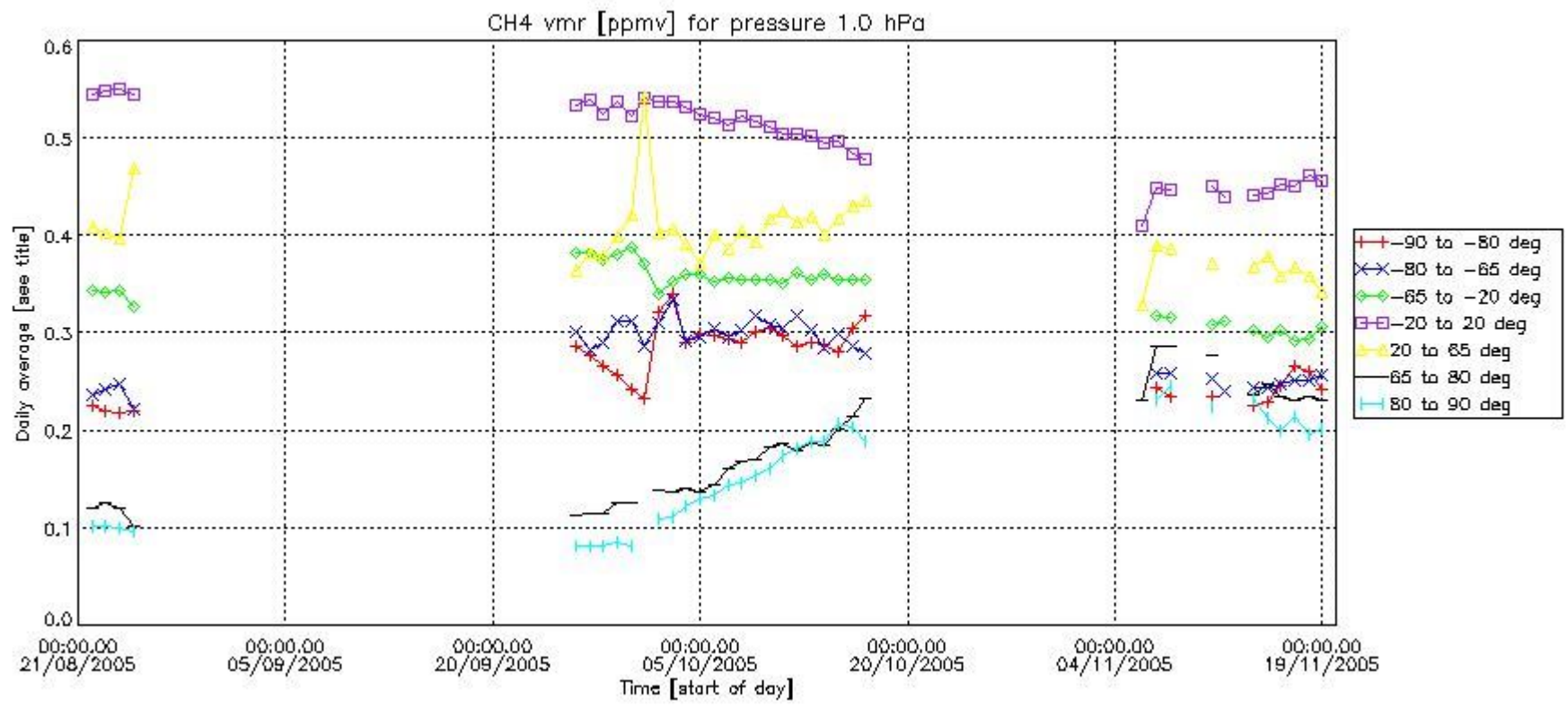


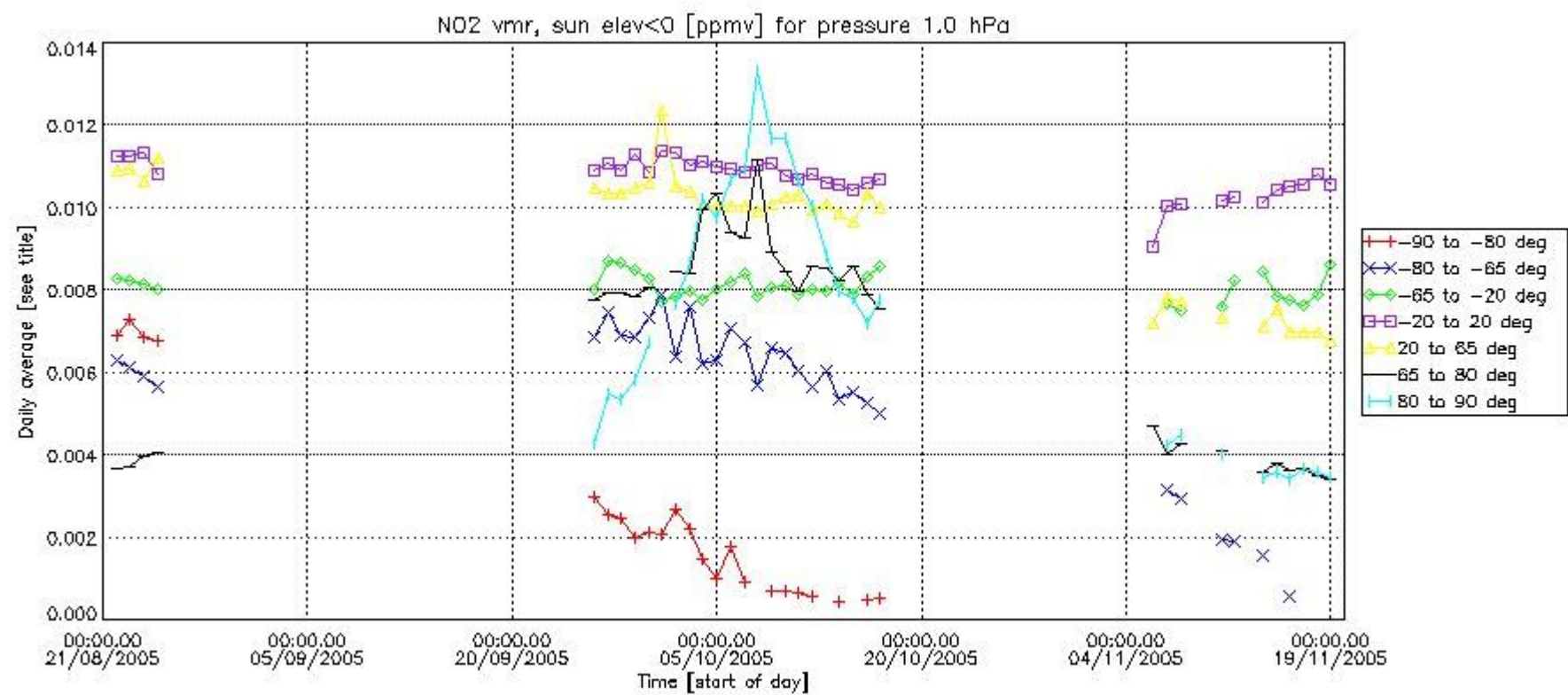
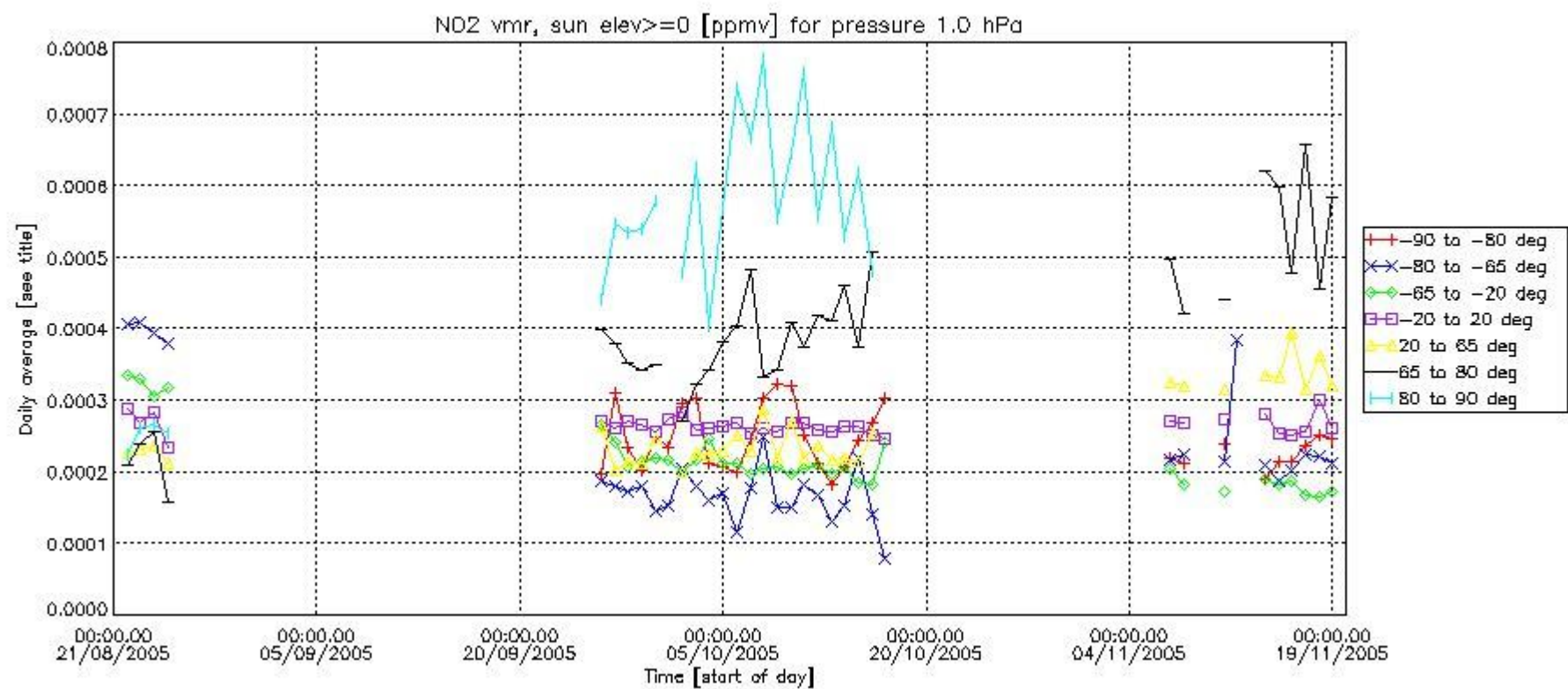




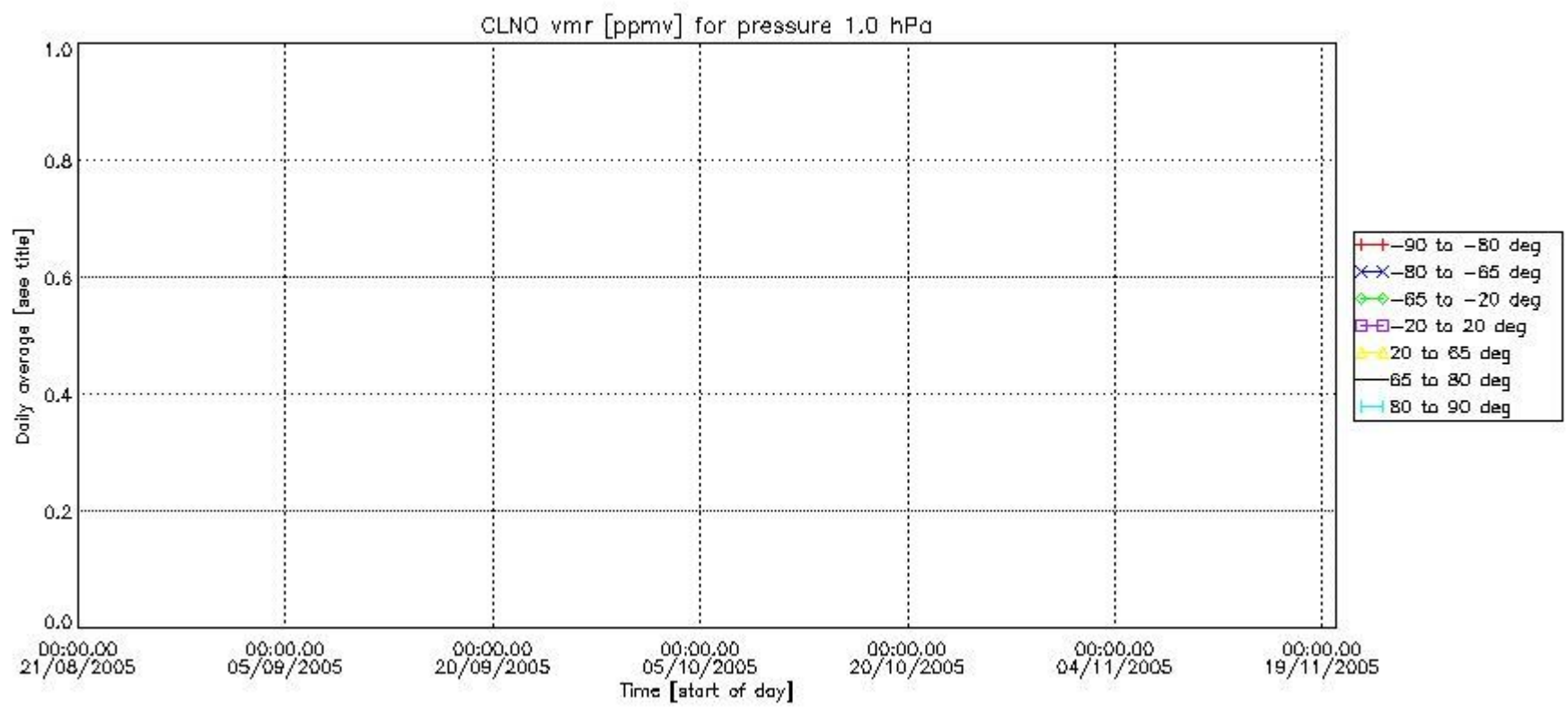
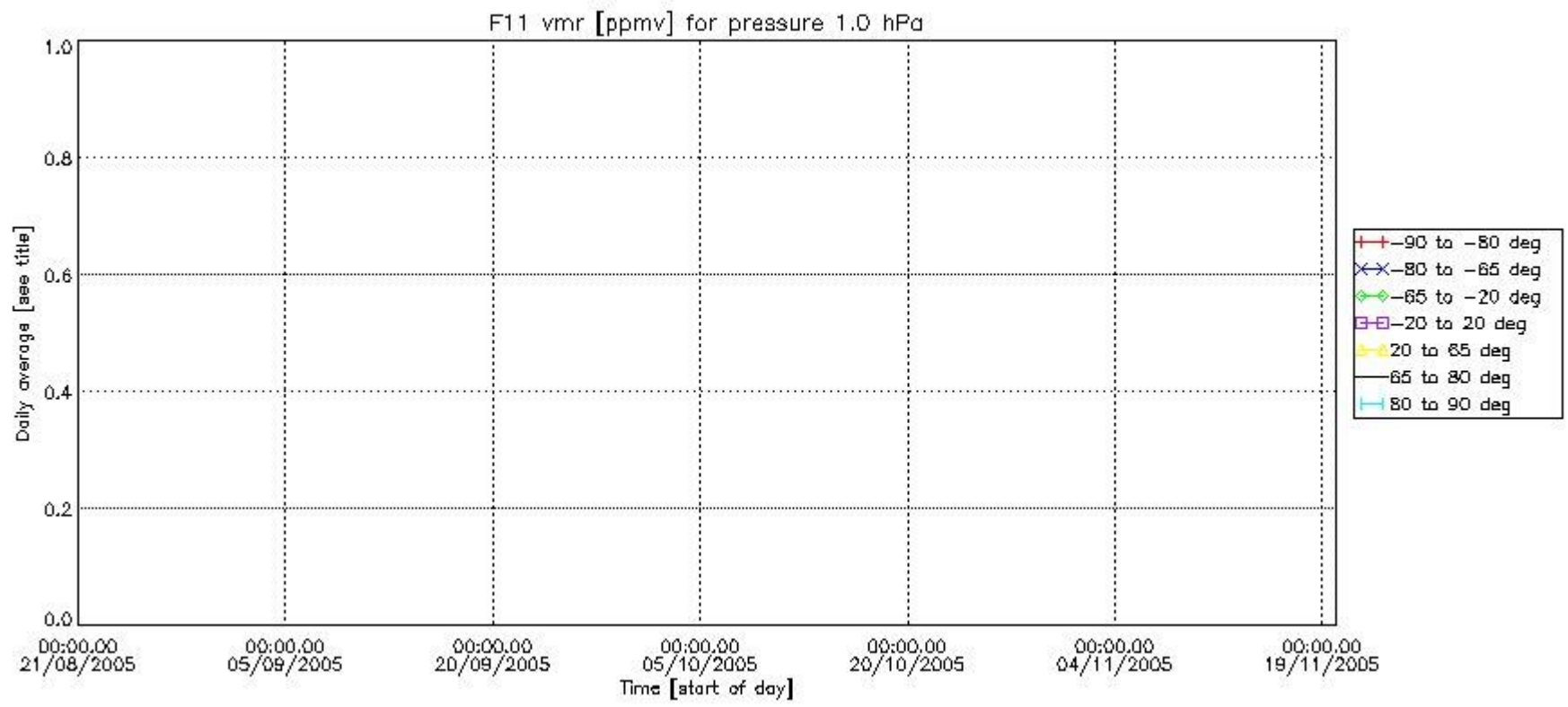


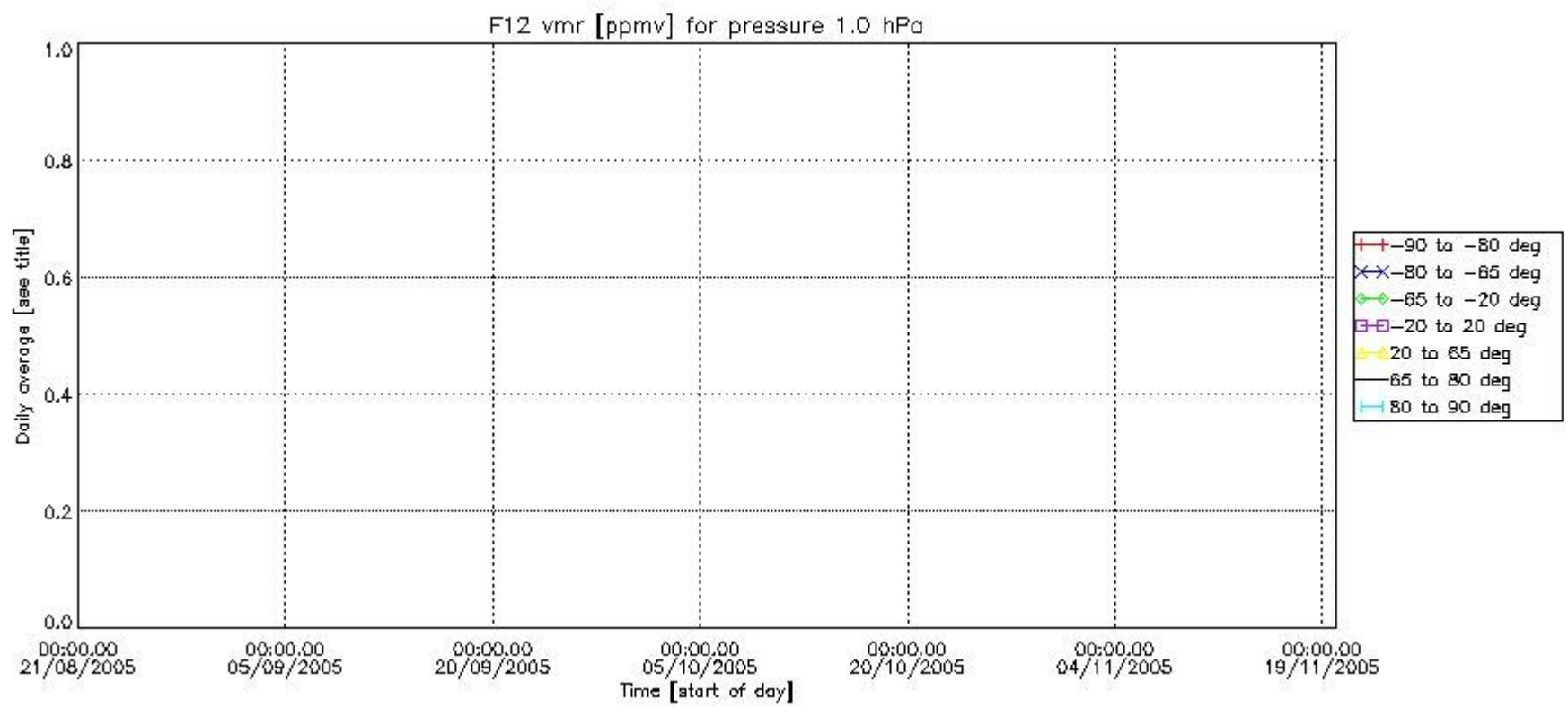
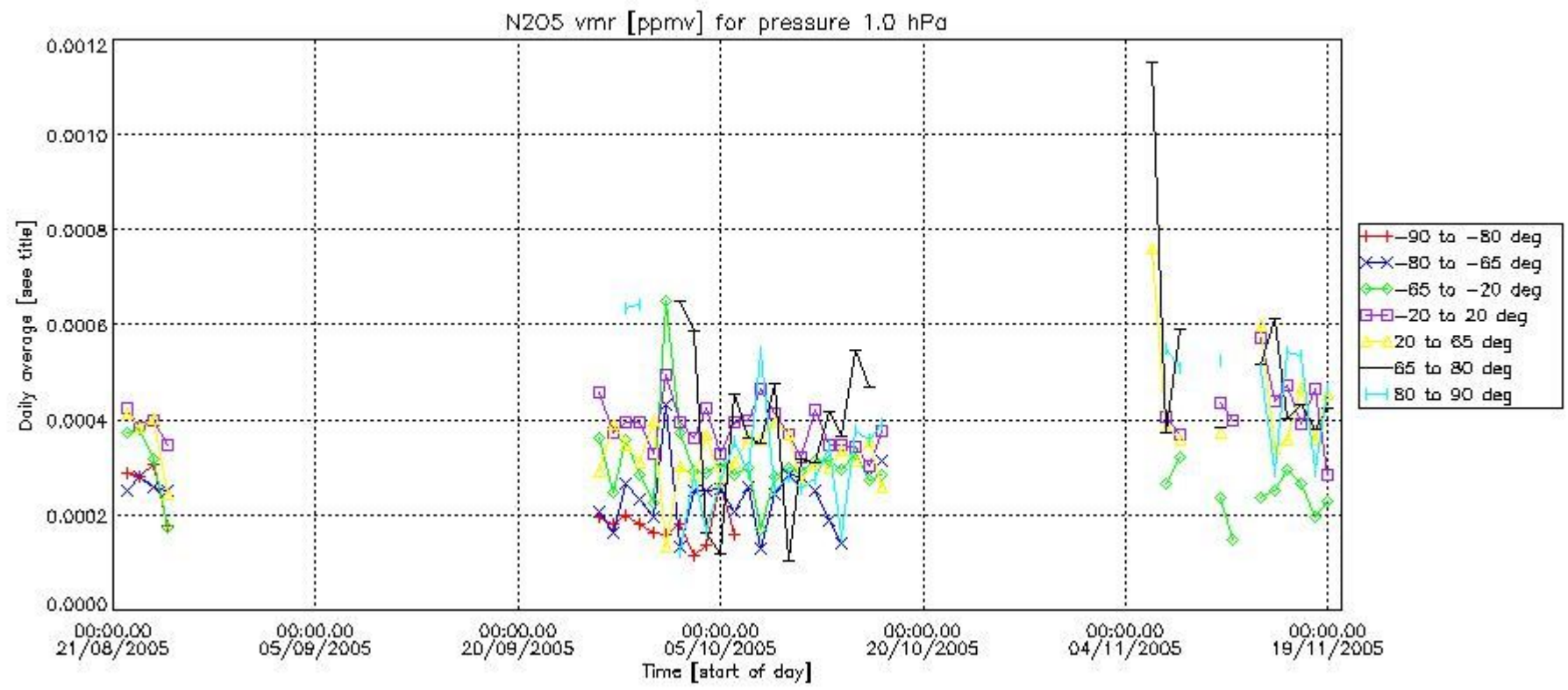


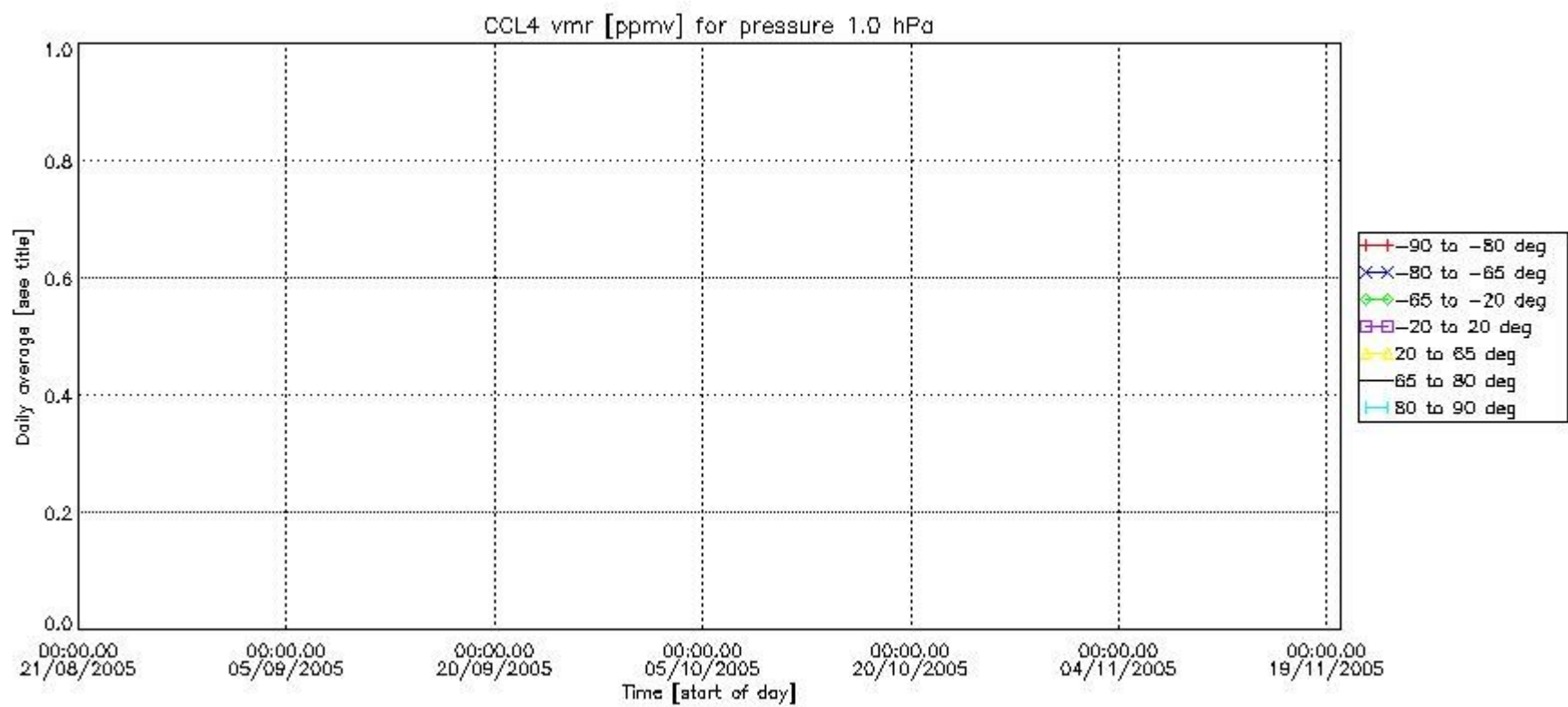
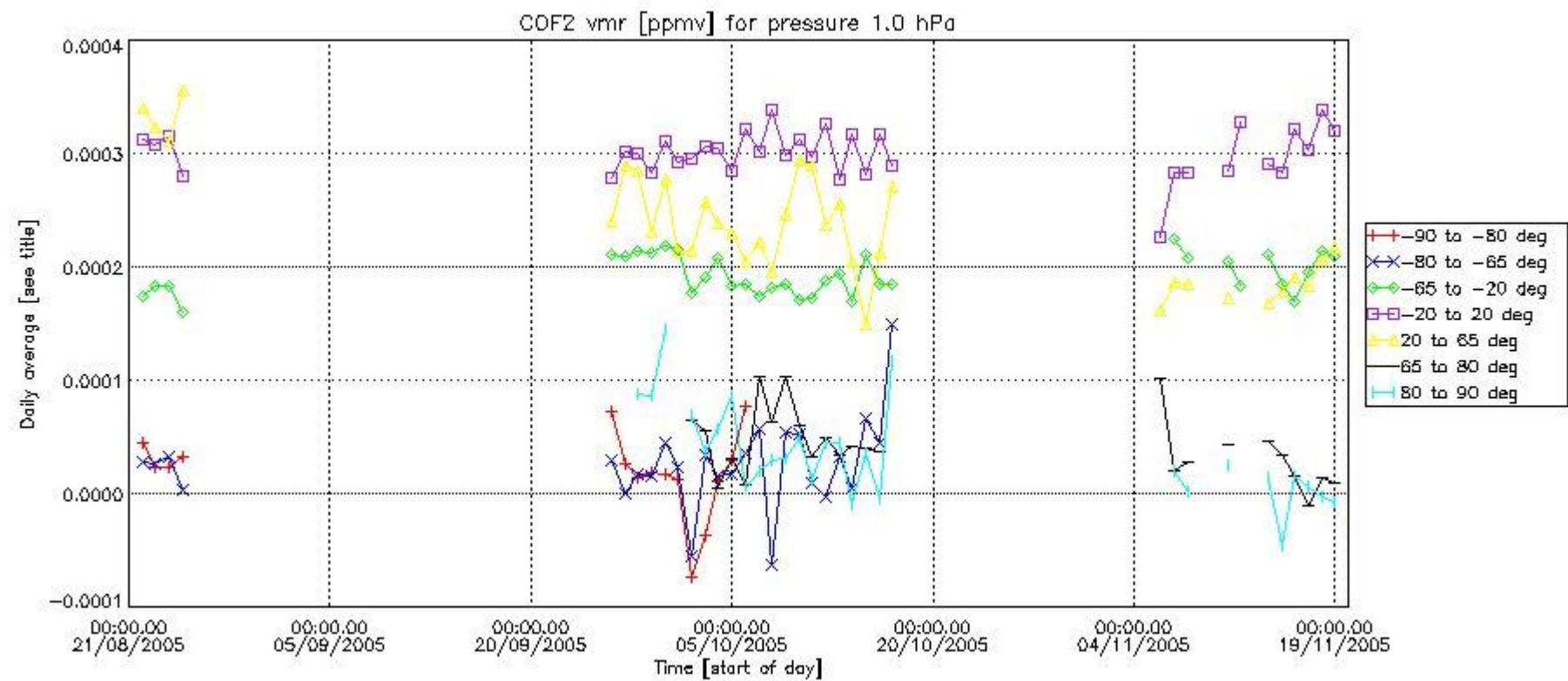


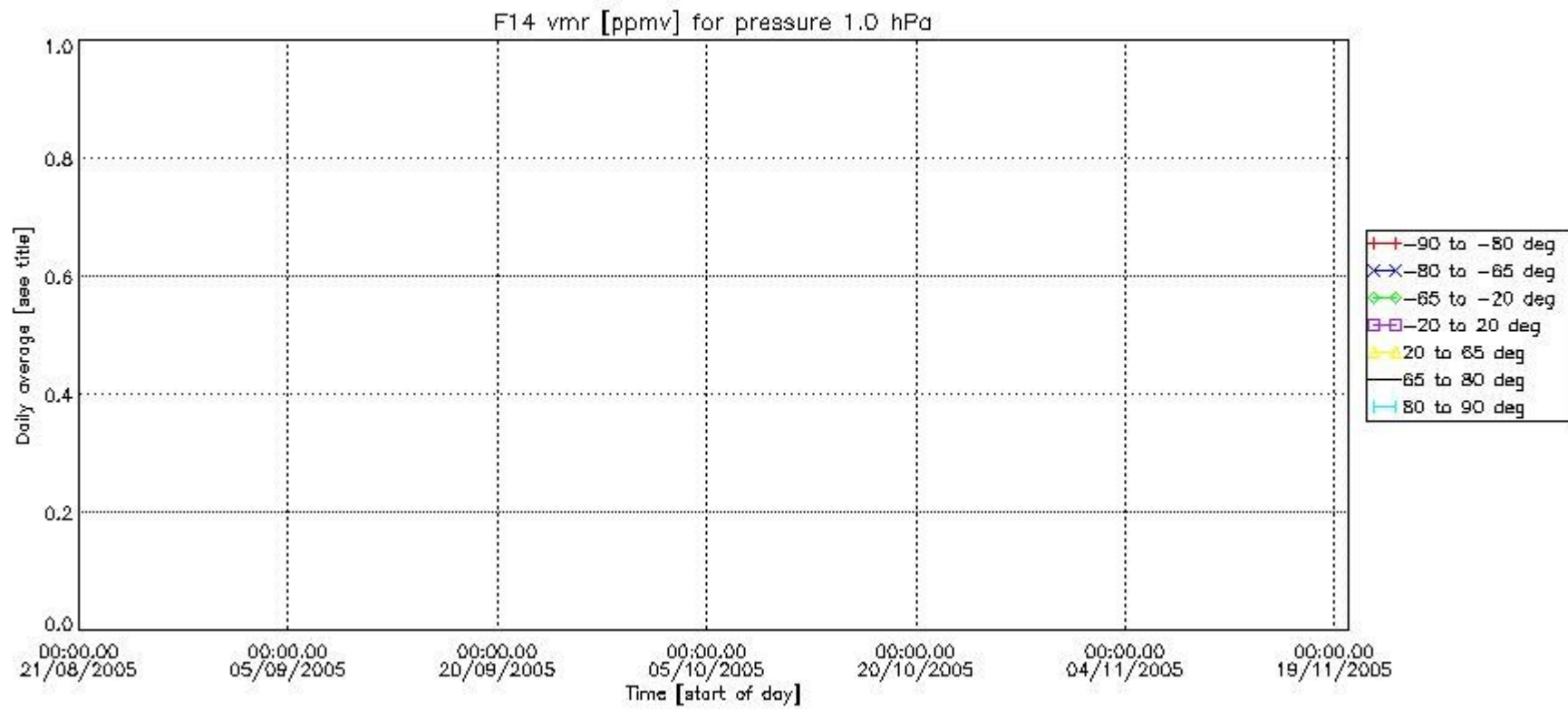
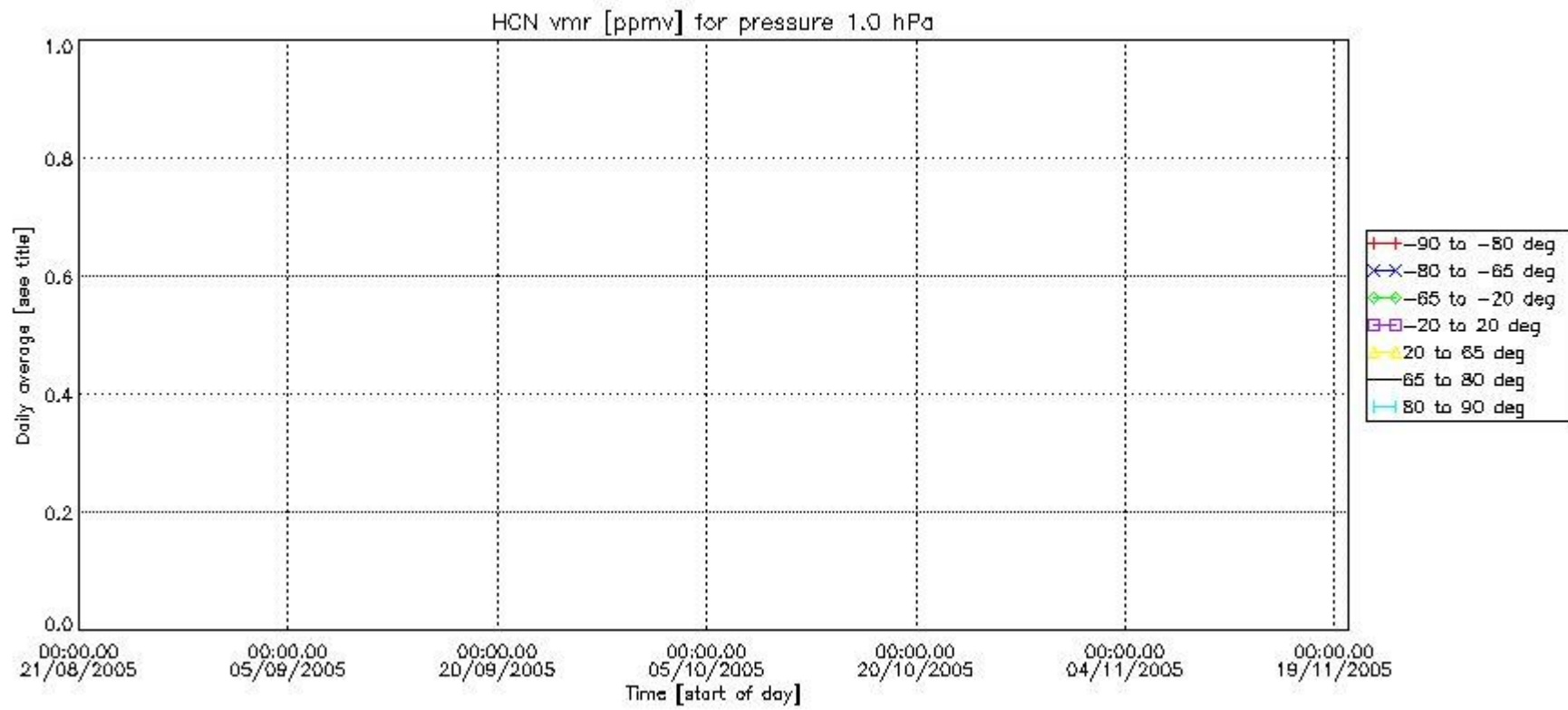


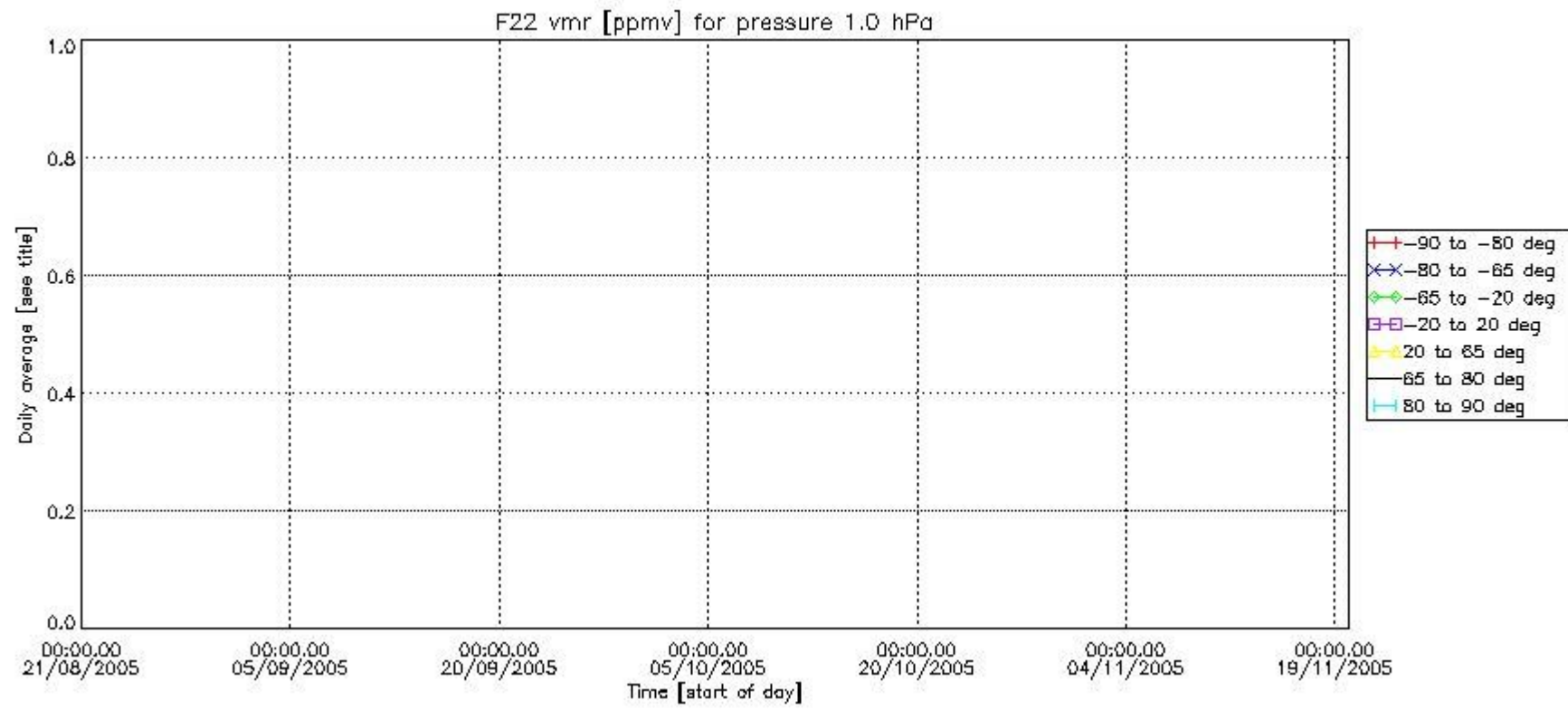












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

