

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20051030.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 15:59:38
Data source version	ML2PP/7.03-W
Processing scope for products	30OCT2005 00:00:00 to 31OCT2005 00:00:00
Start time of first product within scope	29OCT2005 23:01:50
Stop time of last product within scope	31OCT2005 01:32:28
Total number of level 2 products	16
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.

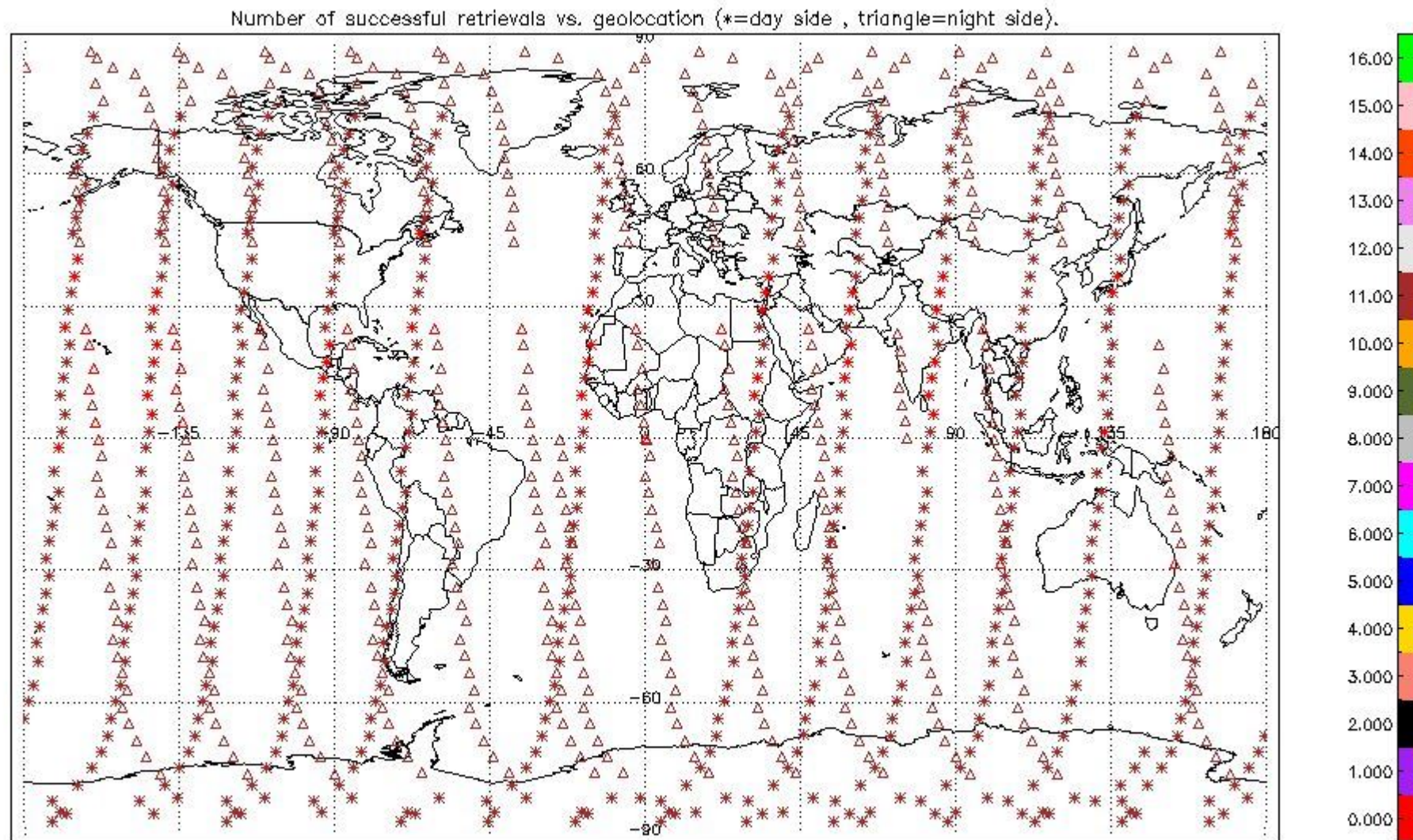
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20051029_230150_000048972042_00073_19165_1000.N1	29OCT2005 23:01:50	30OCT2005 00:23:28	0	73/73	
1	MIP_NL__2PWDSI20051030_002335_000060302042_00074_19166_1000.N1	30OCT2005 00:23:35	30OCT2005 02:04:05	0	87/87	
2	MIP_NL__2PWDSI20051030_020411_000060302042_00075_19167_1000.N1	30OCT2005 02:04:11	30OCT2005 03:44:41	0	87/87	
3	MIP_NL__2PWDSI20051030_034447_000060292042_00076_19168_1000.N1	30OCT2005 03:44:47	30OCT2005 05:25:16	0	87/87	
4	MIP_NL__2PWDSI20051030_052523_000060302042_00077_19169_1000.N1	30OCT2005 05:25:23	30OCT2005 07:05:52	0	87/87	
5	MIP_NL__2PWDSI20051030_070559_000060302042_00078_19170_1000.N1	30OCT2005 07:05:59	30OCT2005 08:46:28	0	87/87	
6	MIP_NL__2PWDSI20051030_084635_000014492042_00079_19171_1000.N1	30OCT2005 08:46:35	30OCT2005 09:10:44	0	19/19	
7	MIP_NL__2PWDSI20051030_104602_000048972042_00080_19172_1000.N1	30OCT2005 10:46:02	30OCT2005 12:07:39	0	73/73	
8	MIP_NL__2PWDSI20051030_120746_000008002042_00081_19173_1000.N1	30OCT2005 12:07:46	30OCT2005 12:21:07	0	12/12	
9	MIP_NL__2PWDSI20051030_140714_000048982042_00082_19174_1000.N1	30OCT2005 14:07:14	30OCT2005 15:28:51	0	73/73	
10	MIP_NL__2PWDSI20051030_152858_000059362042_00083_19175_1000.N1	30OCT2005 15:28:58	30OCT2005 17:07:54	0	86/86	
11	MIP_NL__2PWDSI20051030_171609_000056352042_00084_19176_1000.N1	30OCT2005 17:16:09	30OCT2005 18:50:04	0	81/81	
12	MIP_NL__2PWDSI20051030_185010_000060302042_00085_19177_1000.N1	30OCT2005 18:50:10	30OCT2005 20:30:40	0	87/87	
13	MIP_NL__2PWDSI20051030_203046_000060302042_00086_19178_1000.N1	30OCT2005 20:30:46	30OCT2005 22:11:16	0	86/86	
14	MIP_NL__2PWDSI20051030_221122_000060302042_00087_19179_1000.N1	30OCT2005 22:11:22	30OCT2005 23:51:52	0	87/87	
15	MIP_NL__2PWDSI20051030_235158_000060302042_00088_19180_1000.N1	30OCT2005 23:51:58	31OCT2005 01:32:28	0	87/87	

## 2.2 Processing performance indicators

## 2.2.1 Successful retrievals

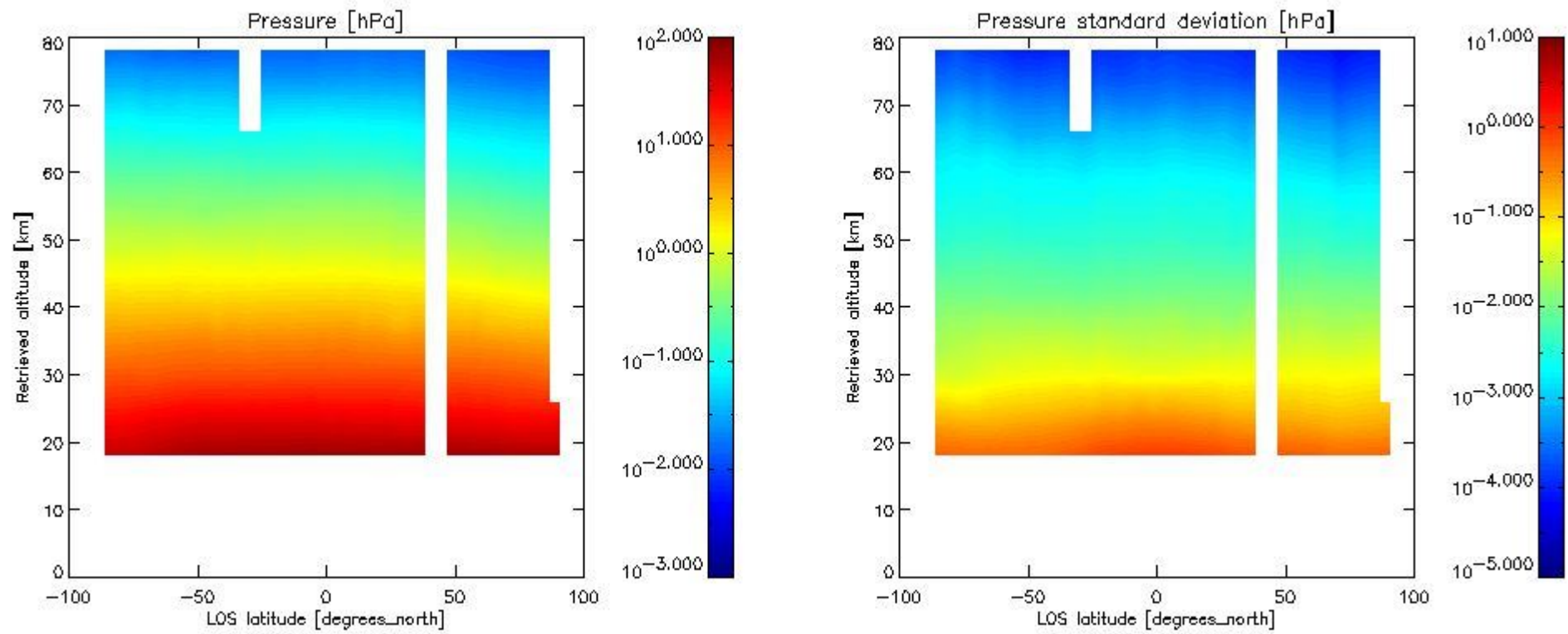
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1199	992	82.736
H2O	1199	992	82.736
O3	1199	992	82.736
HNO3	1199	992	82.736
CH4	1199	992	82.736
N2O	1199	992	82.736
NO2	1199	992	82.736
F11	1199	992	82.736
CLNO	1199	992	82.736
N2O5	1199	992	82.736
F12	1199	992	82.736
COF2	1199	0	0.0000
CCL4	1199	0	0.0000
HCN	1199	0	0.0000
F14	1199	0	0.0000
F22	1199	0	0.0000



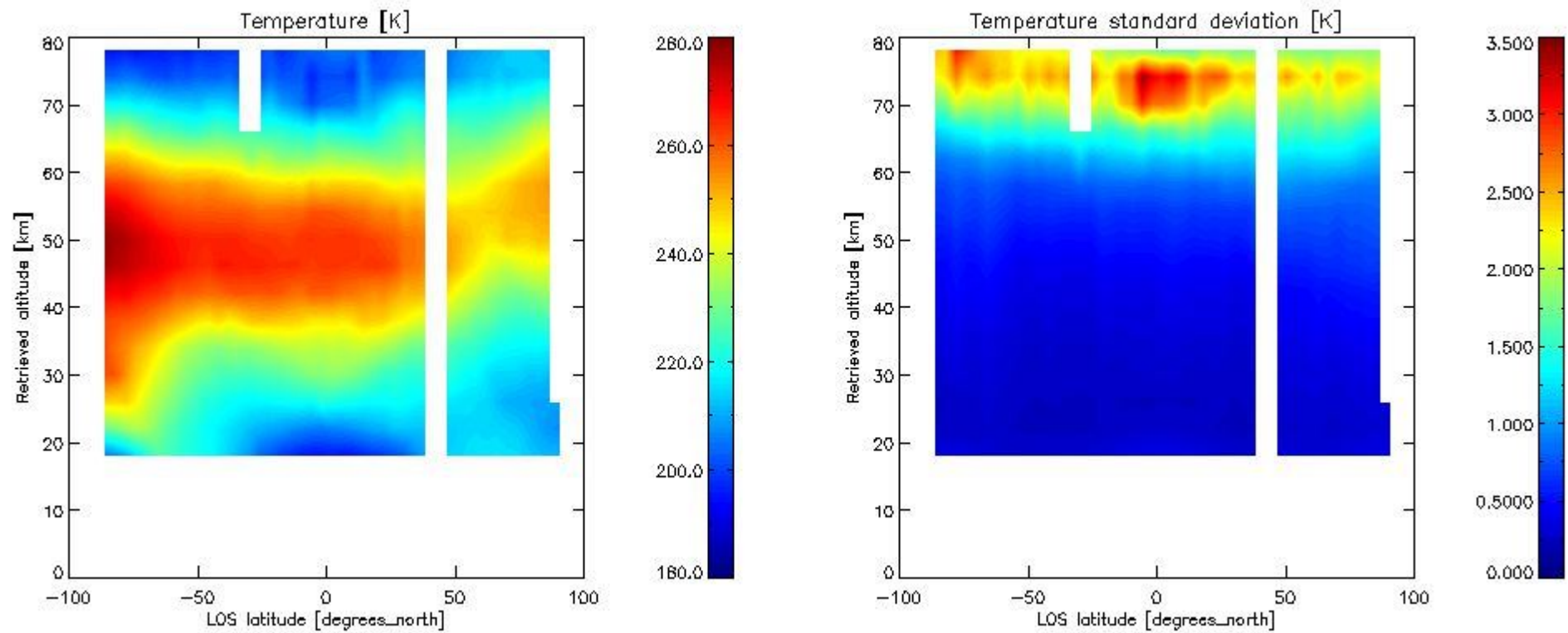
## 2.2.2 Pressure overview

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



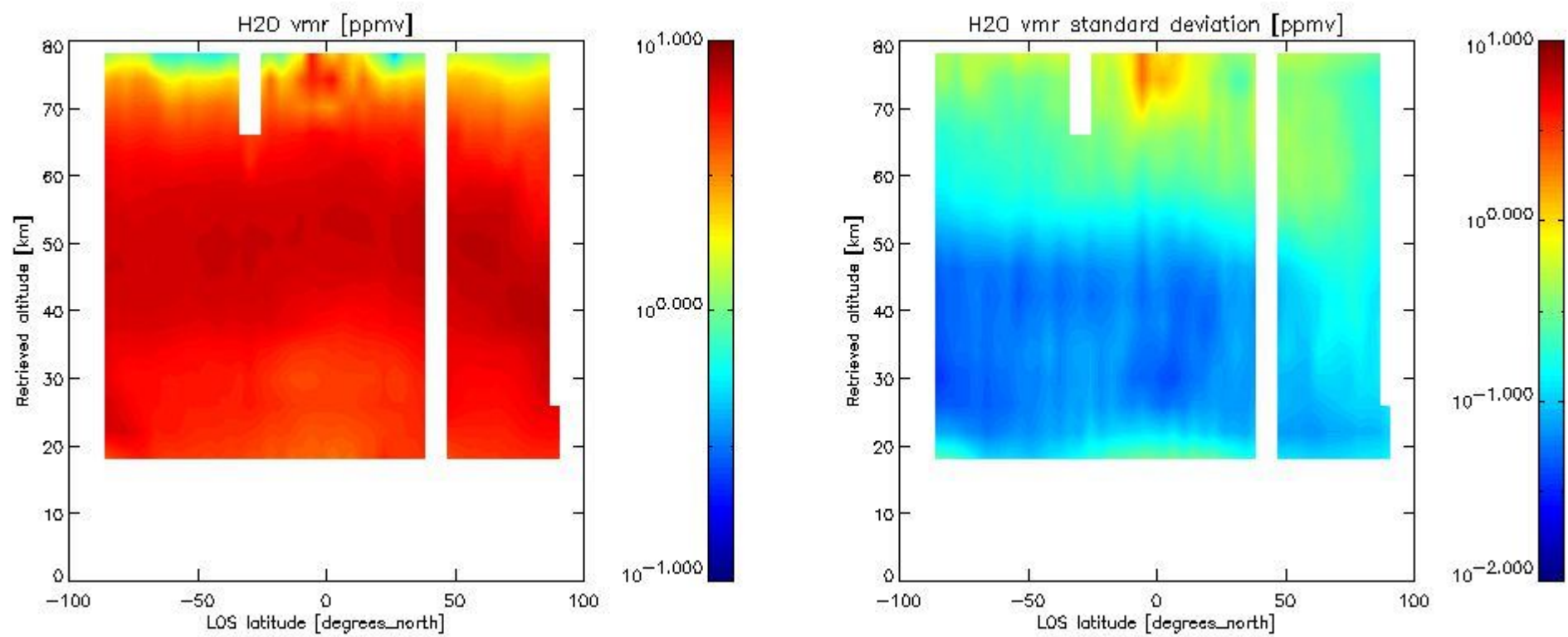
### 2.2.3 Temperature overview

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

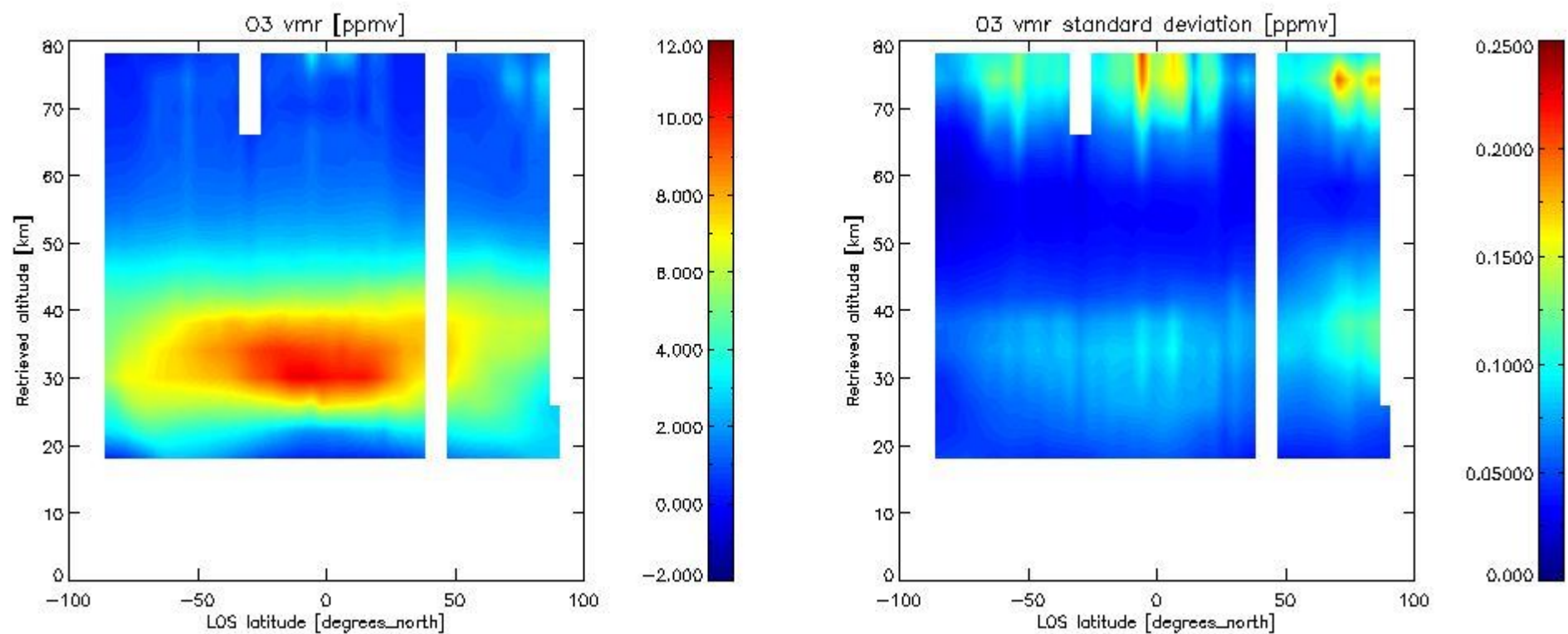


### 2.2.4 Species overview

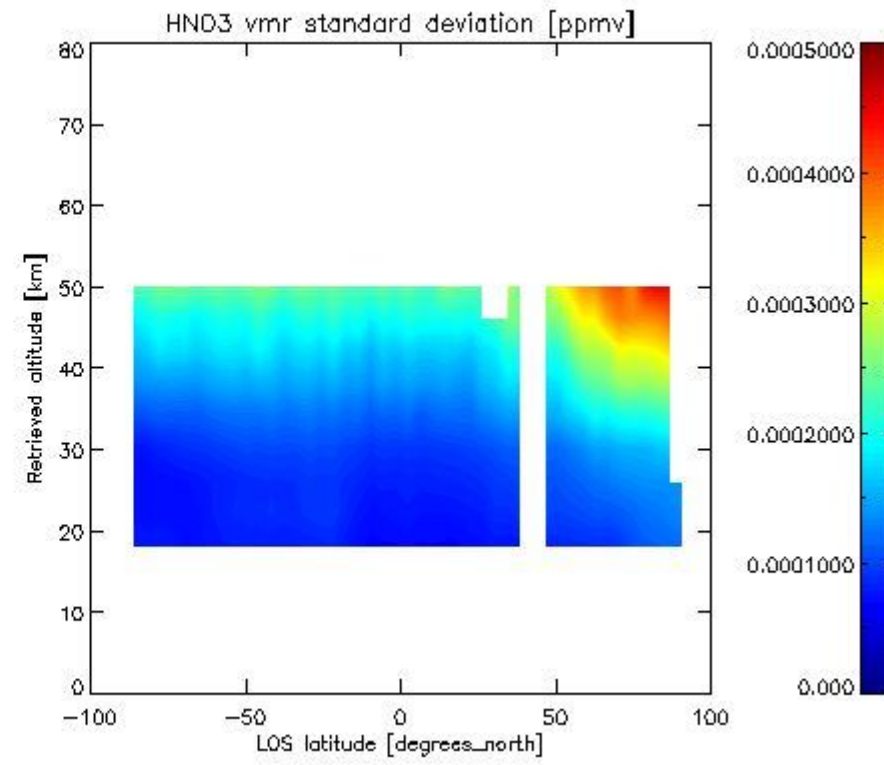
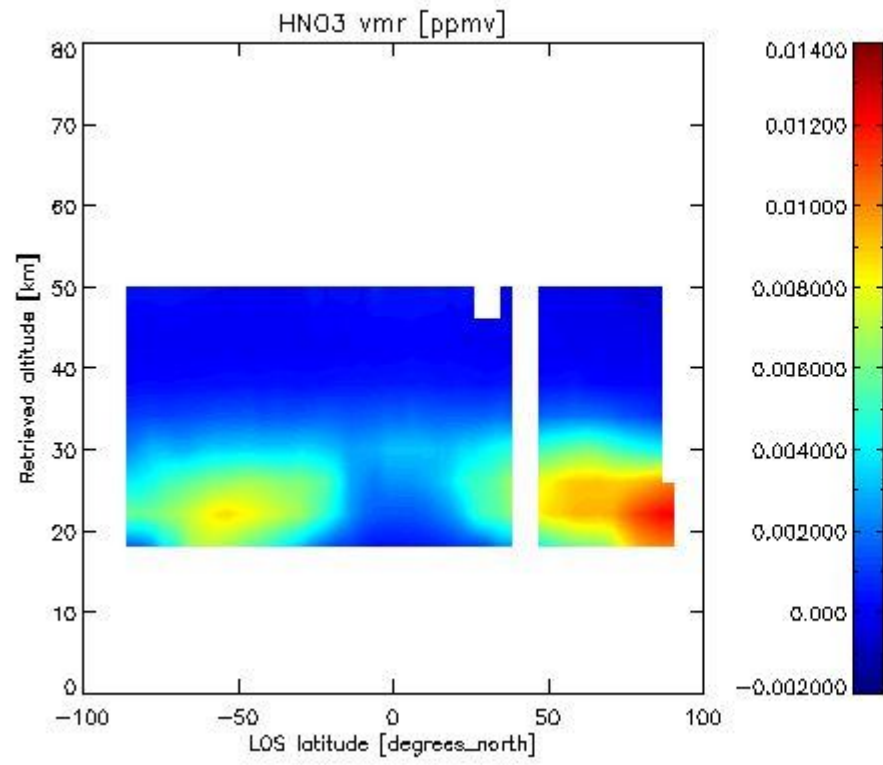
**2.2.4.1 H2O overview** This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



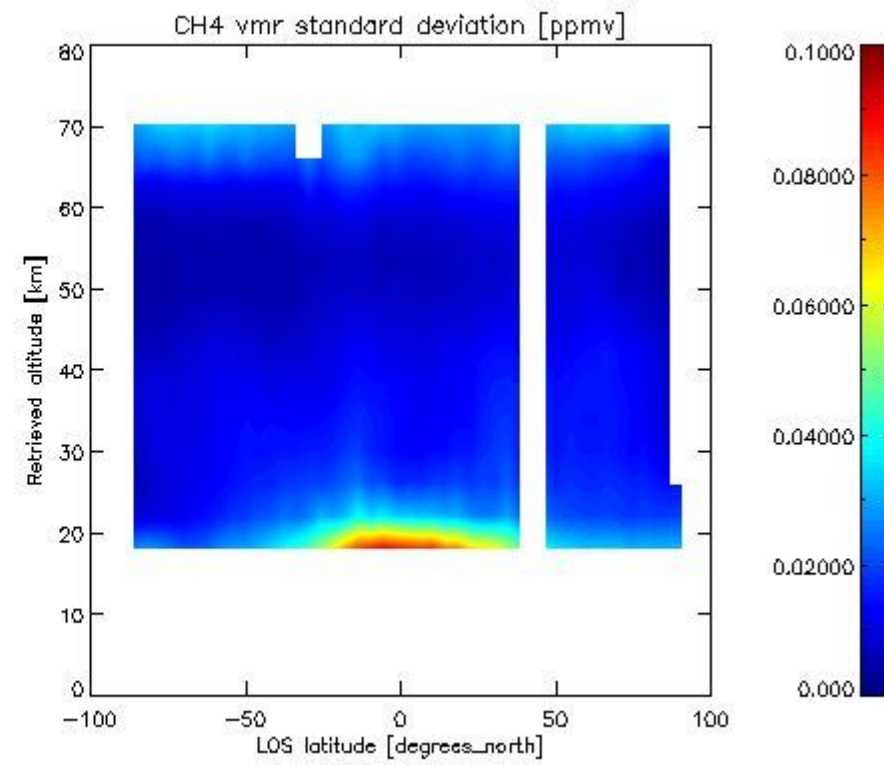
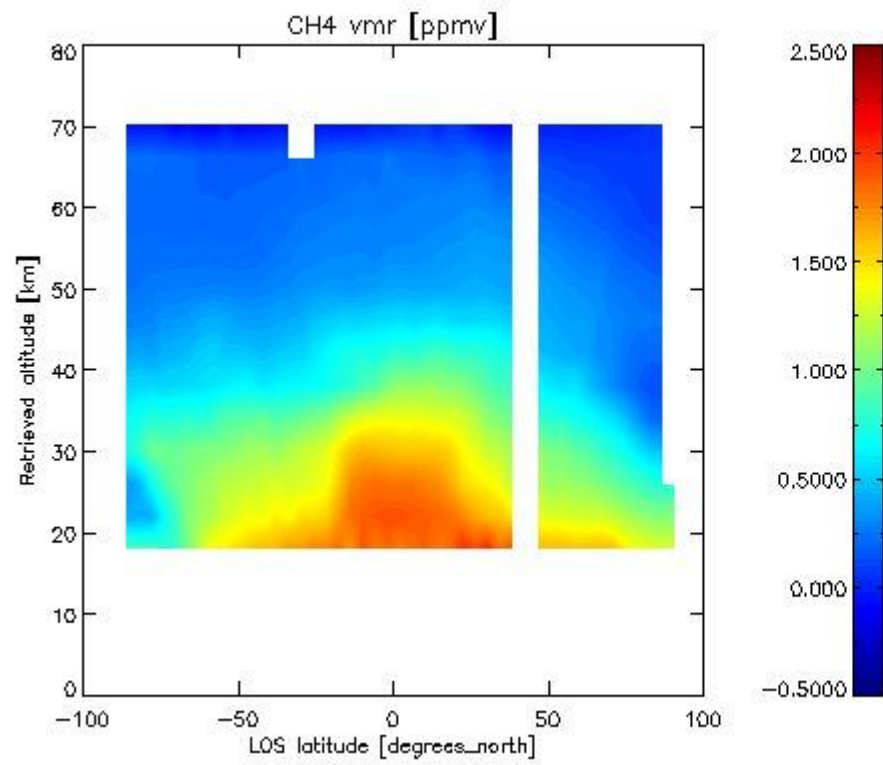
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



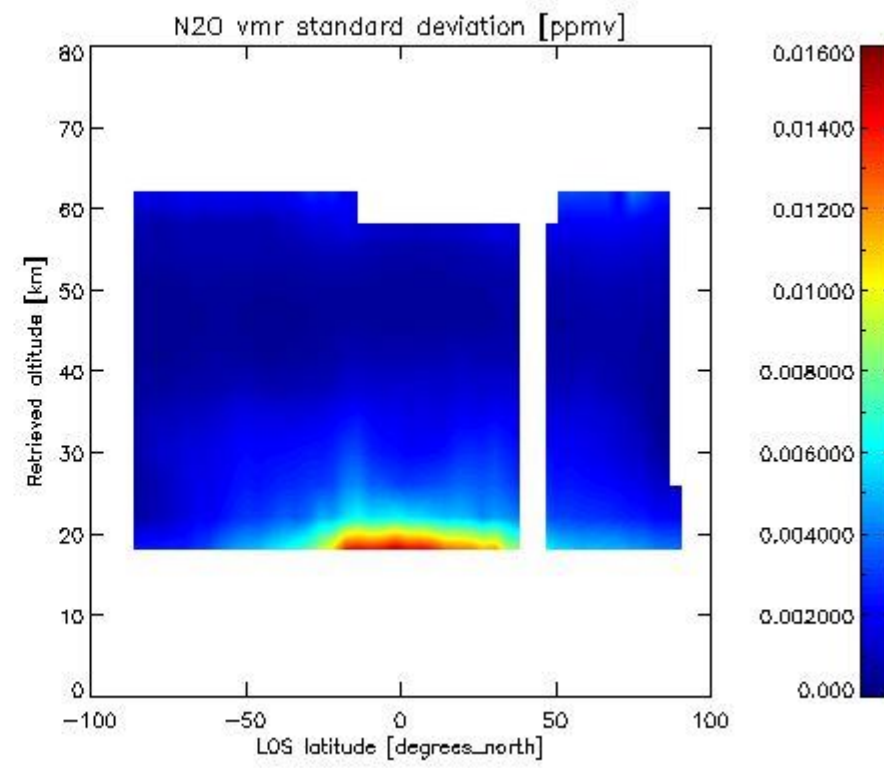
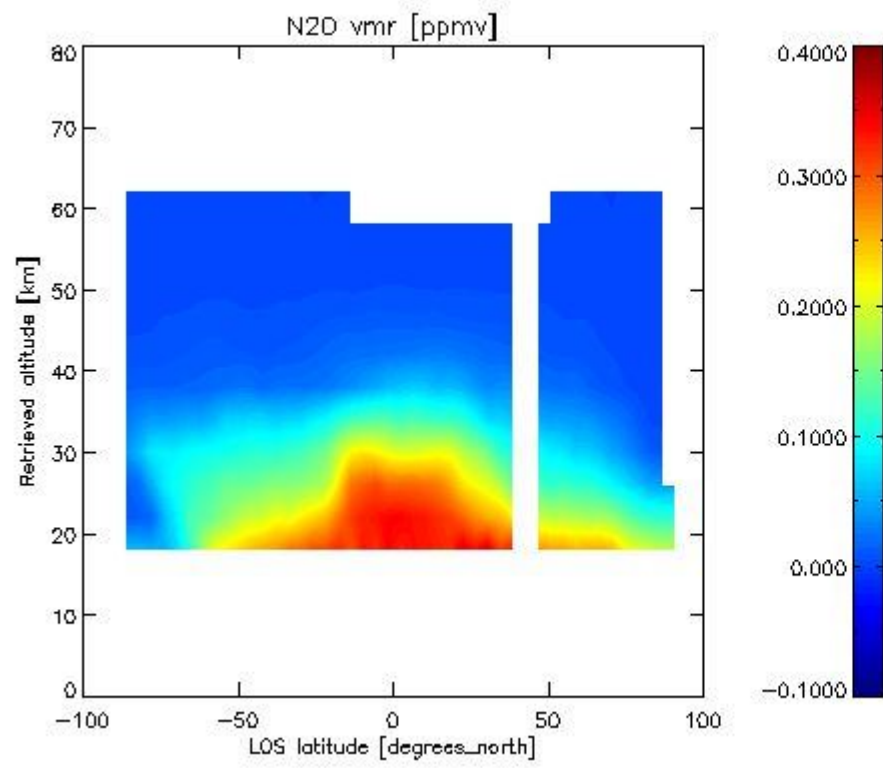
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



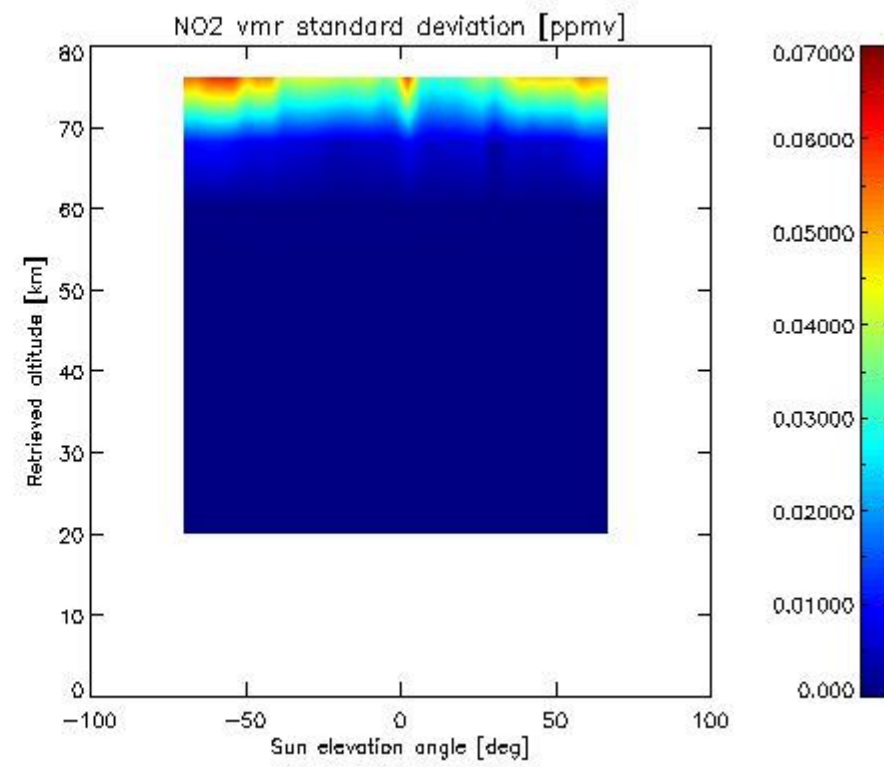
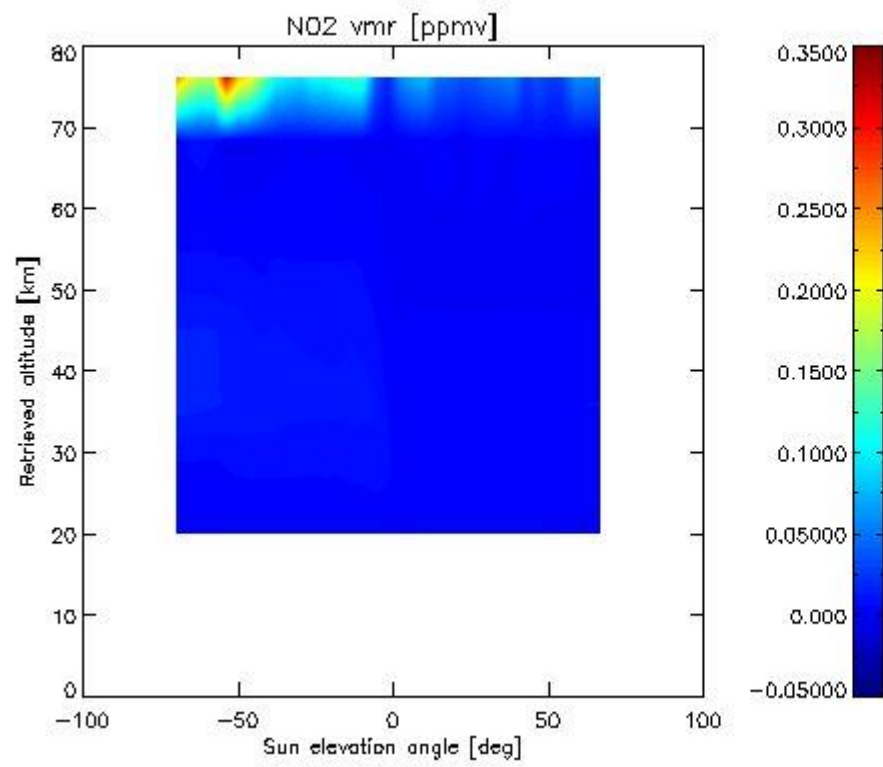
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



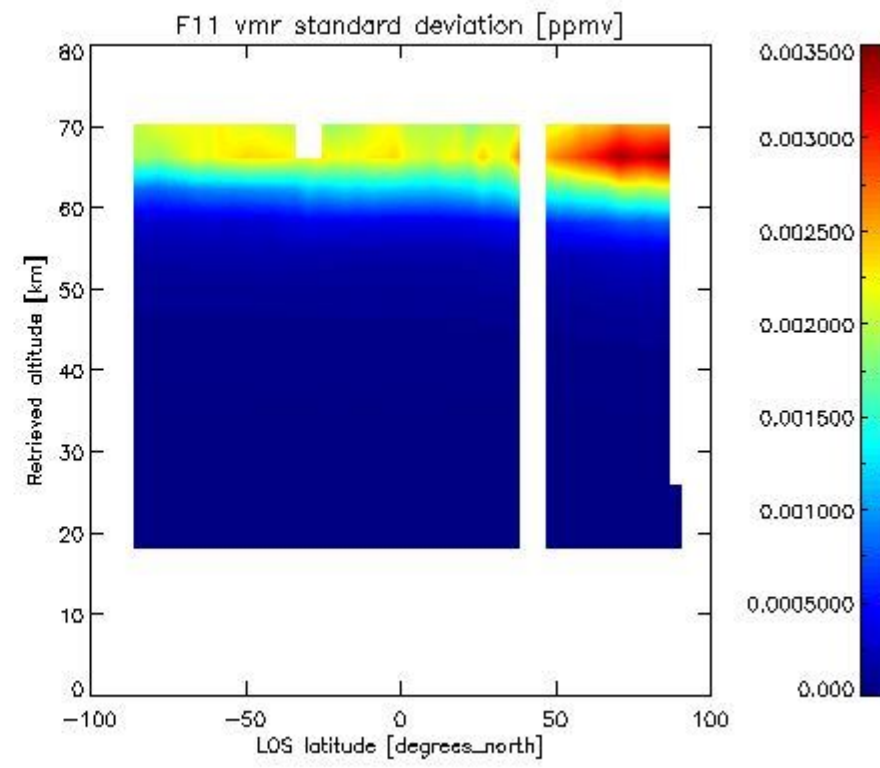
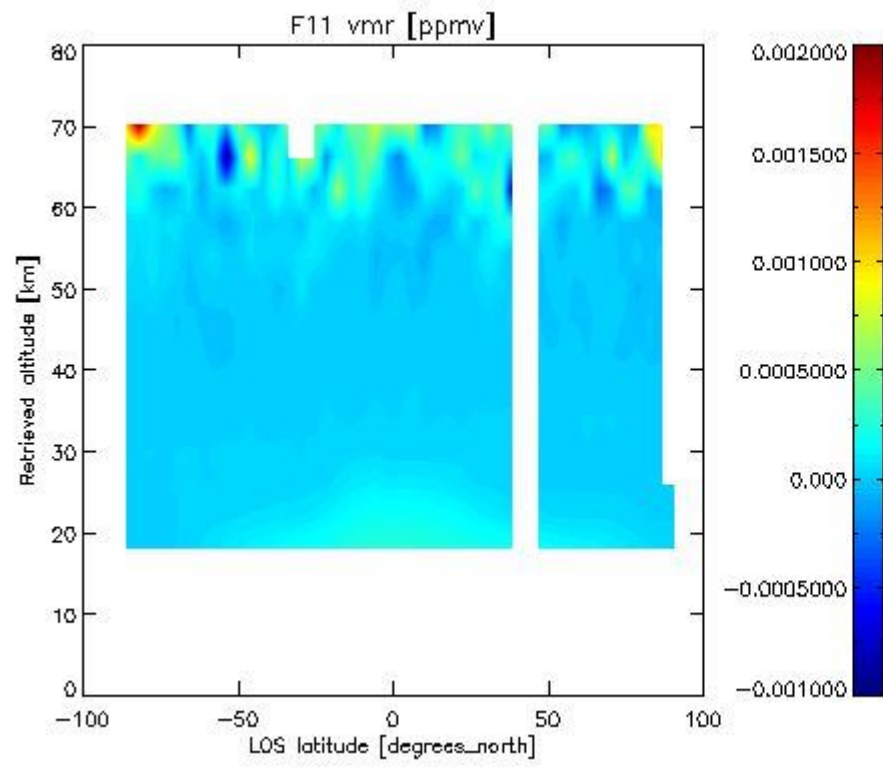
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



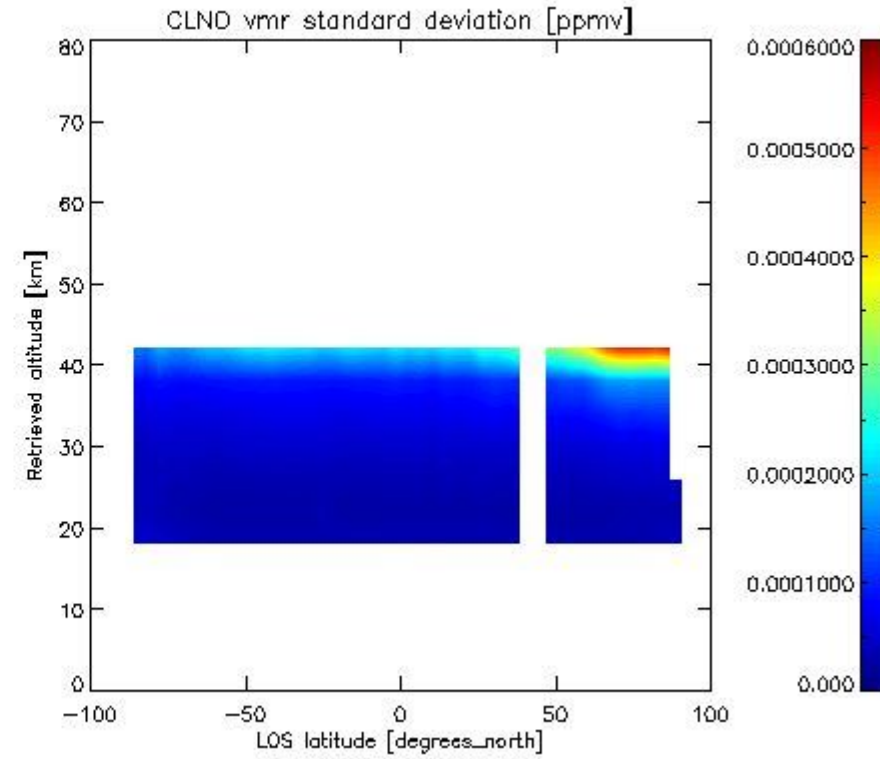
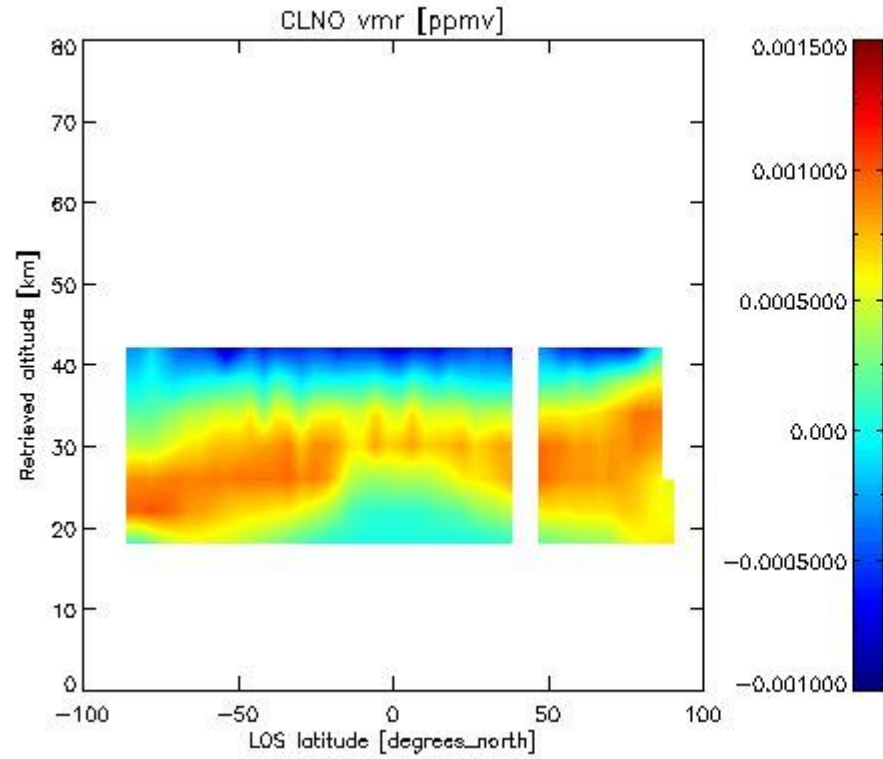
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 6 km.

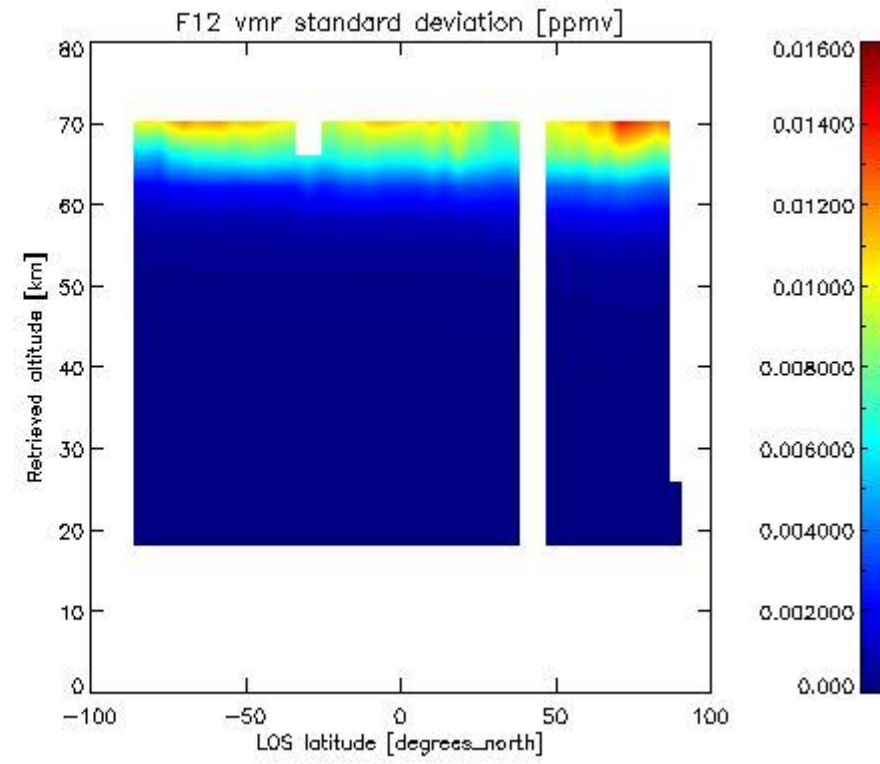
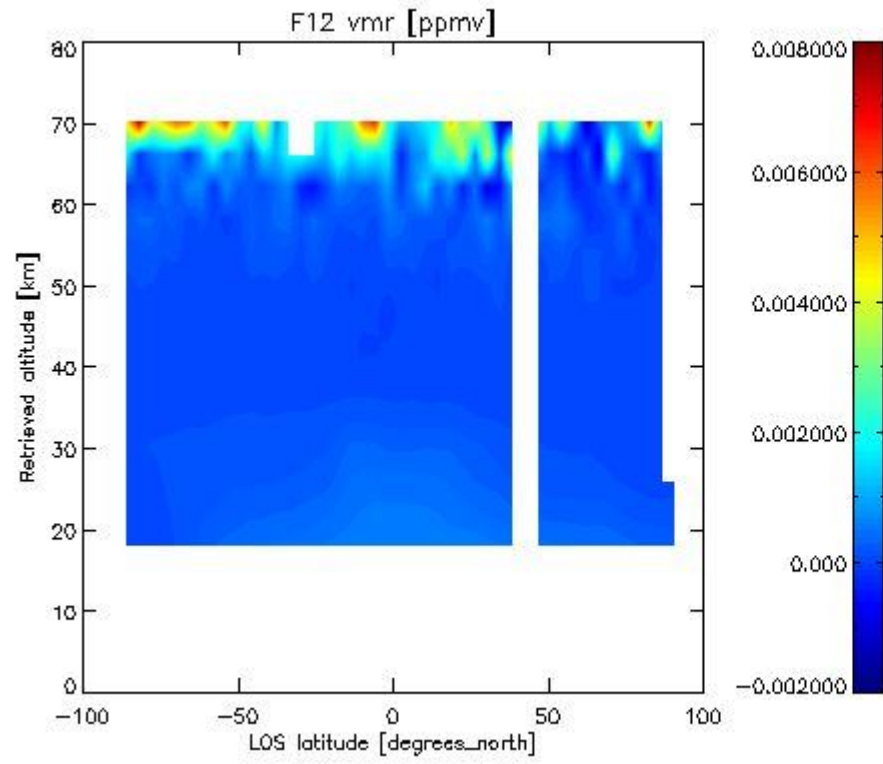
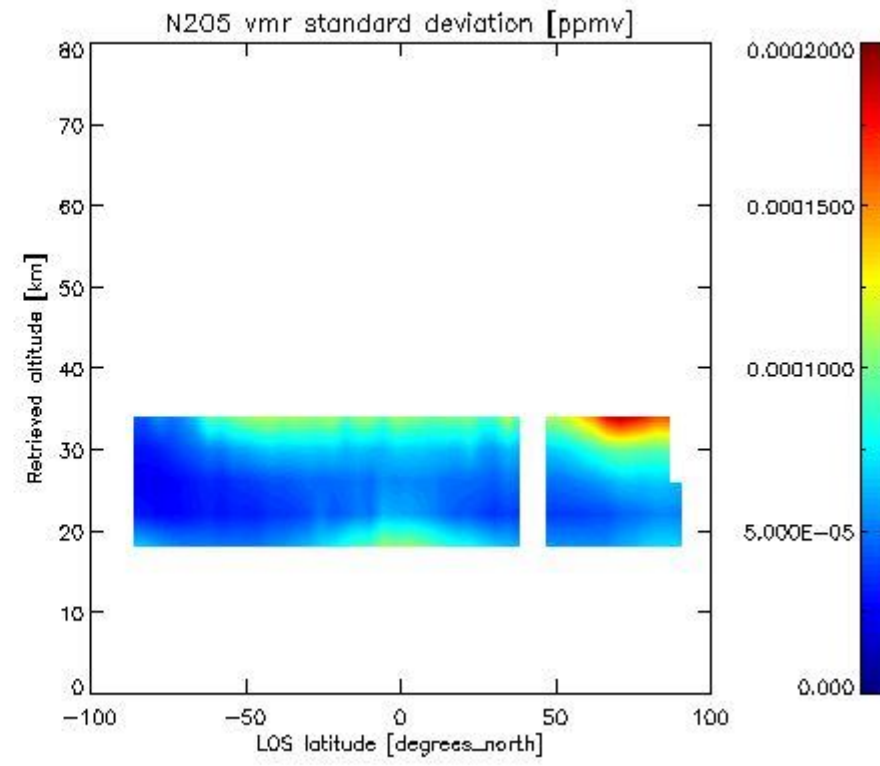
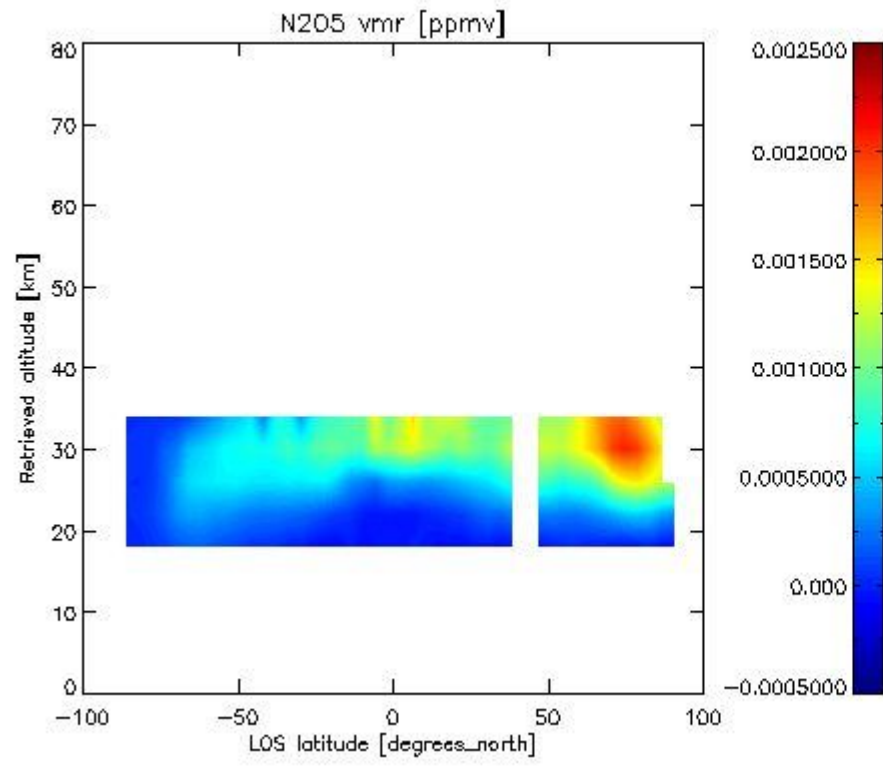


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



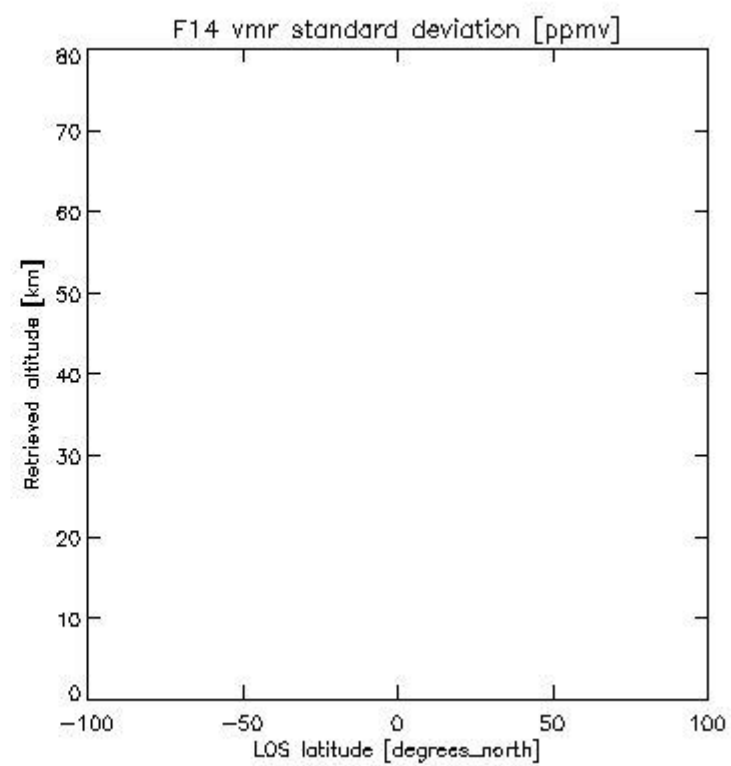
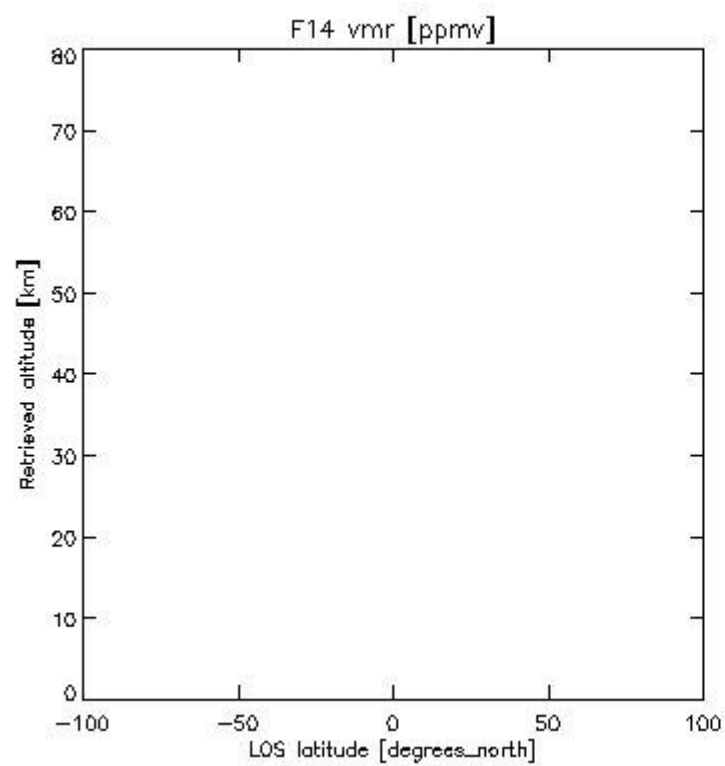
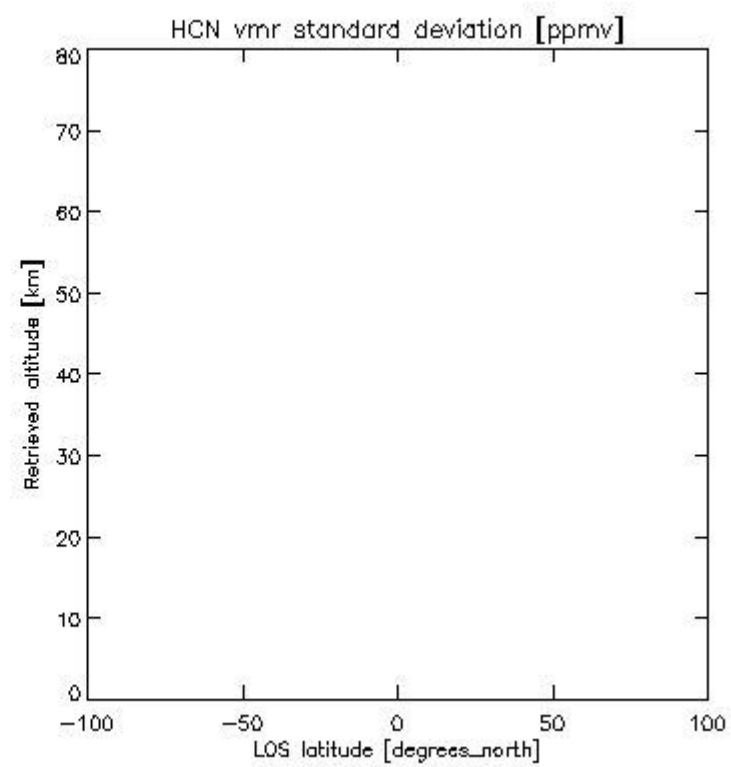
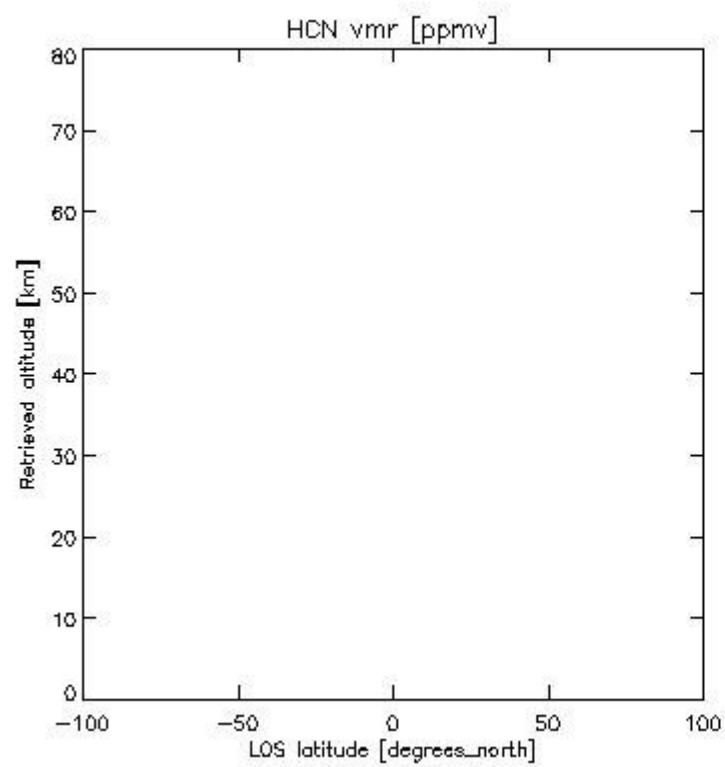
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

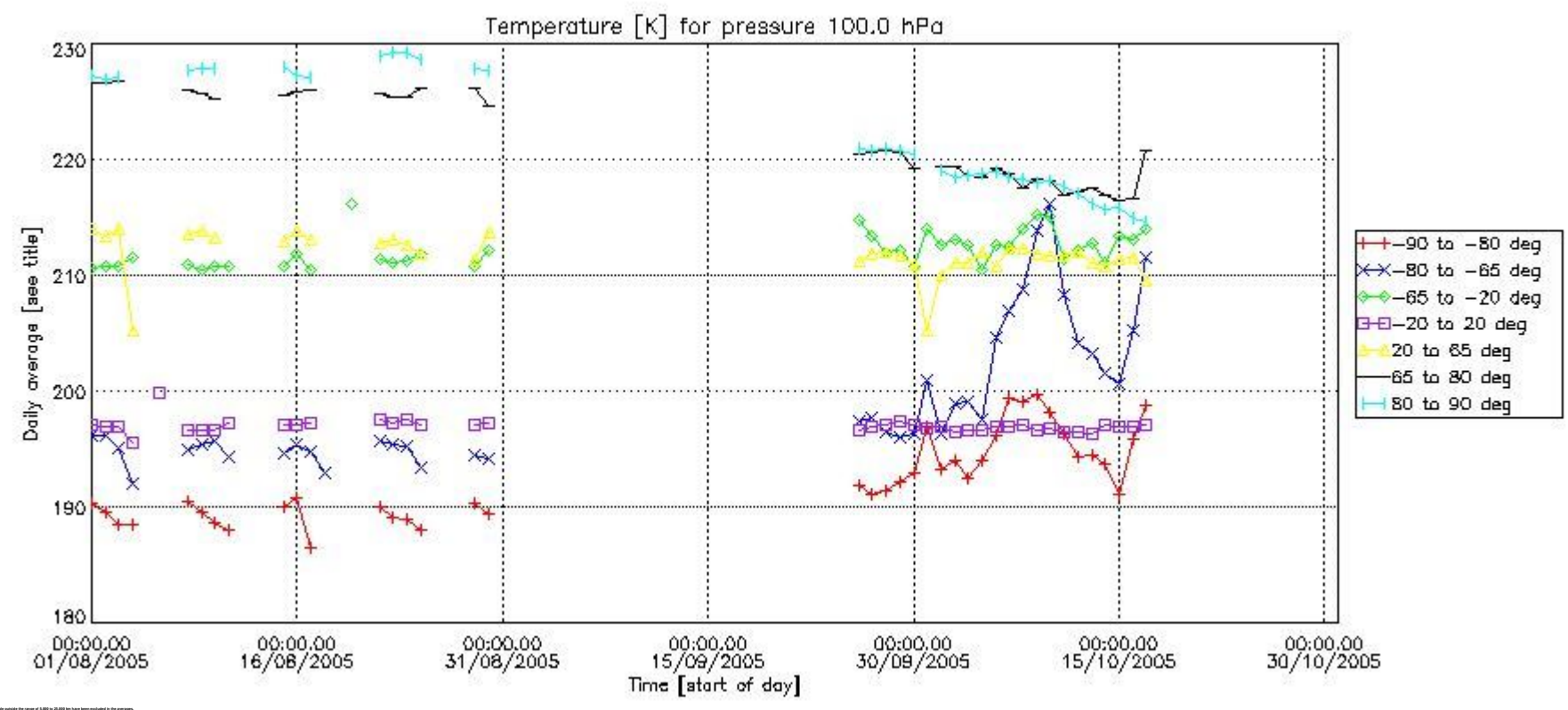
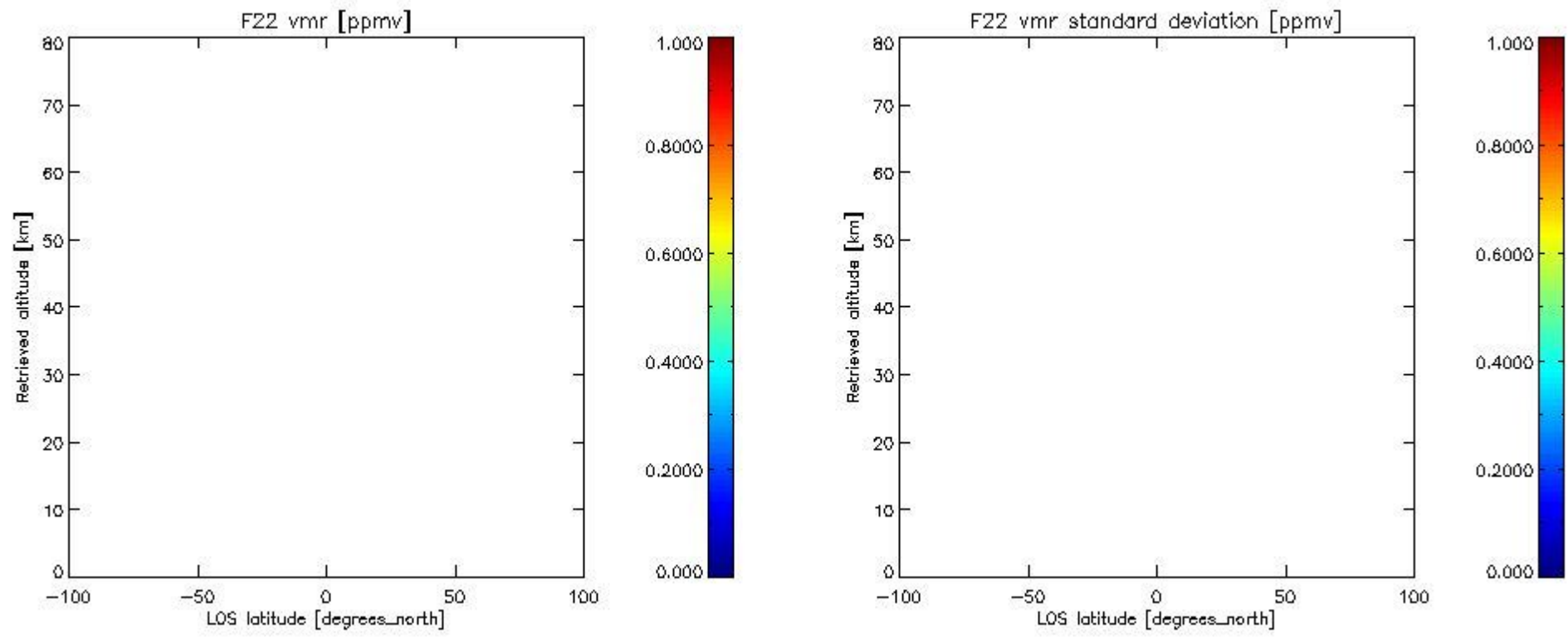


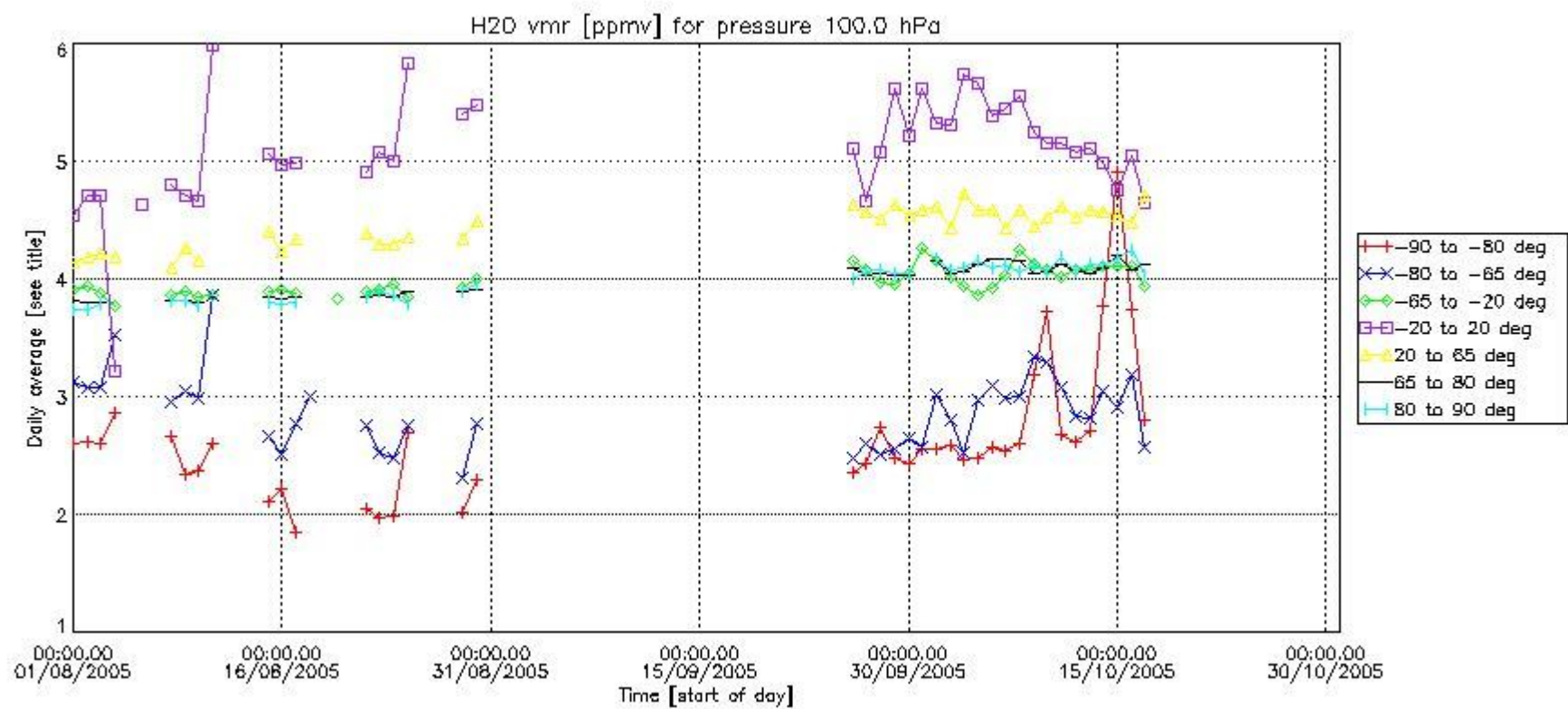
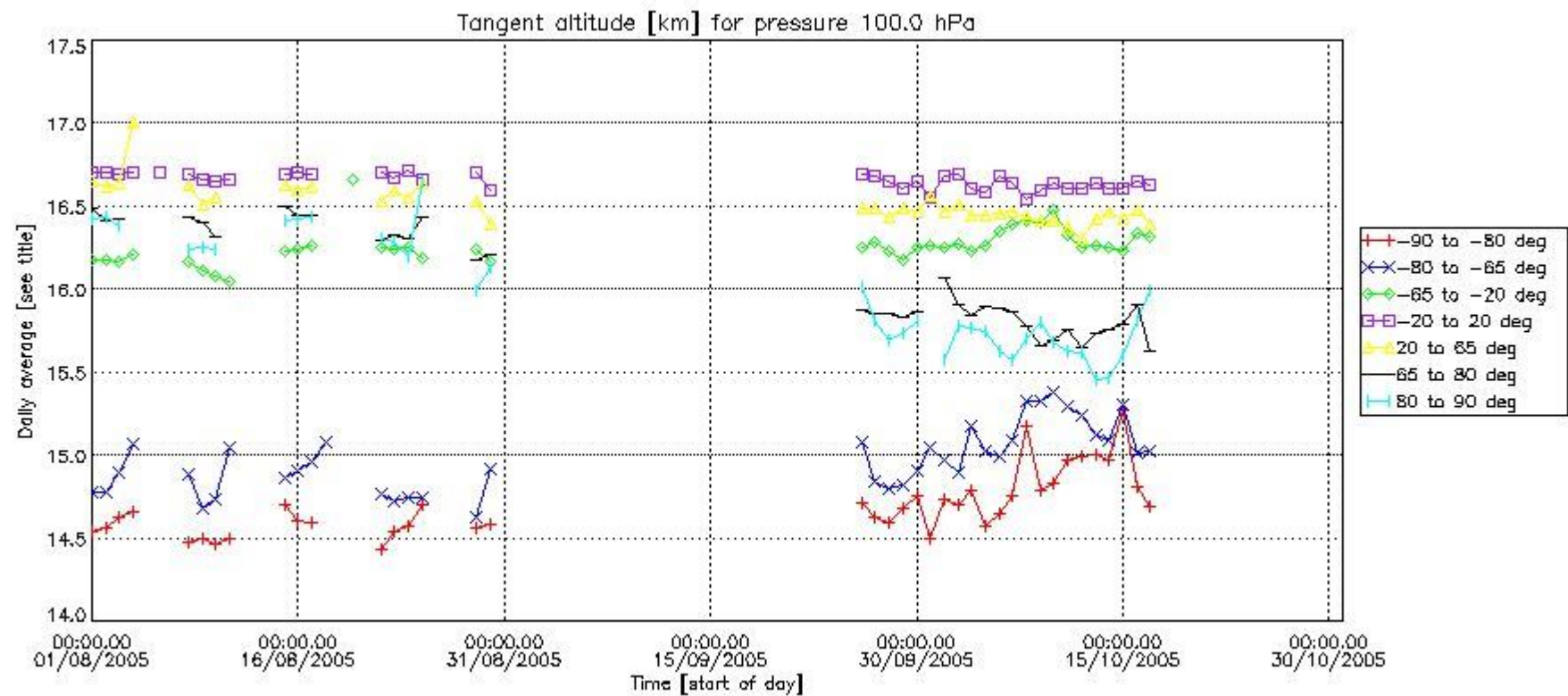


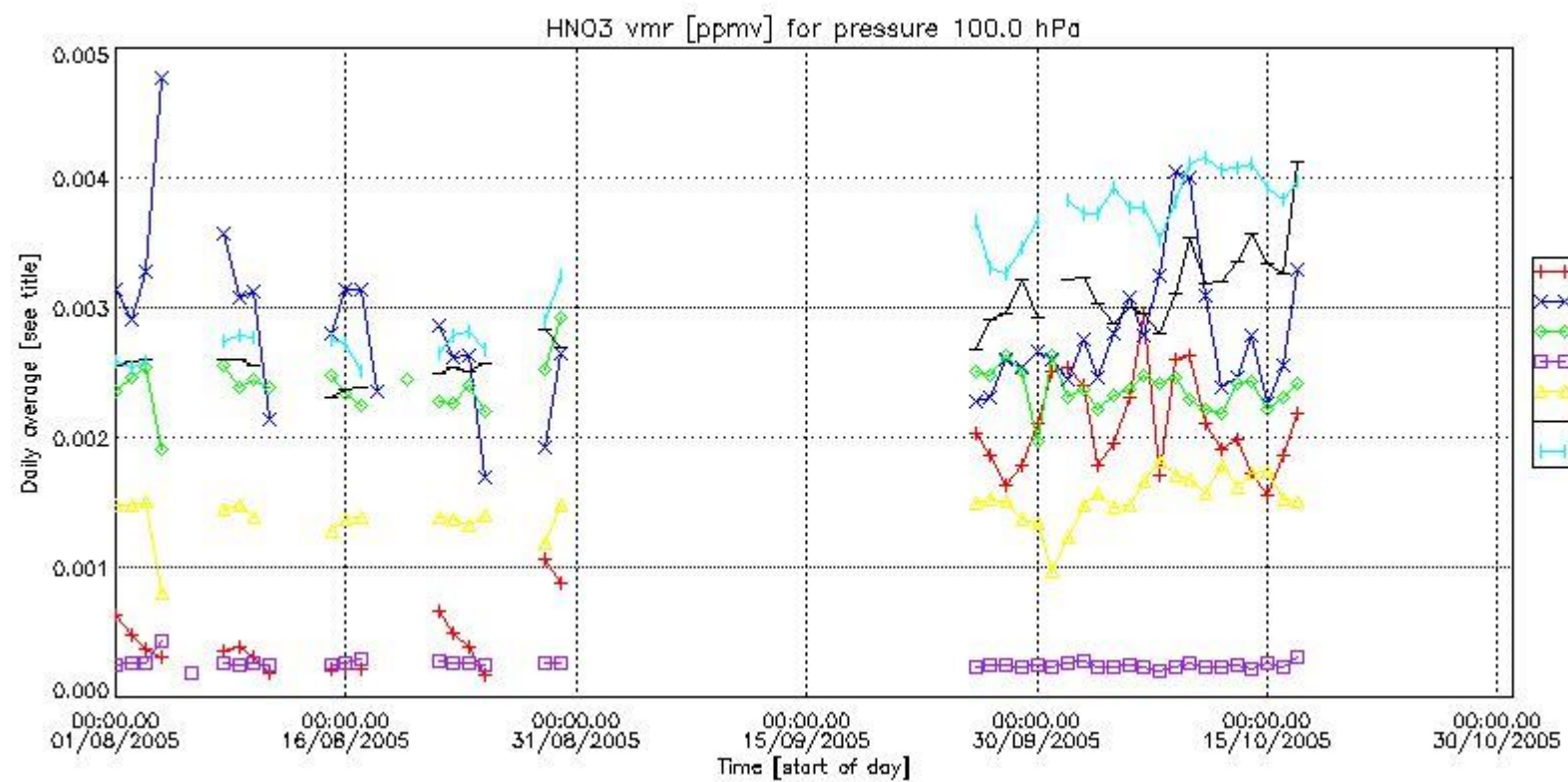
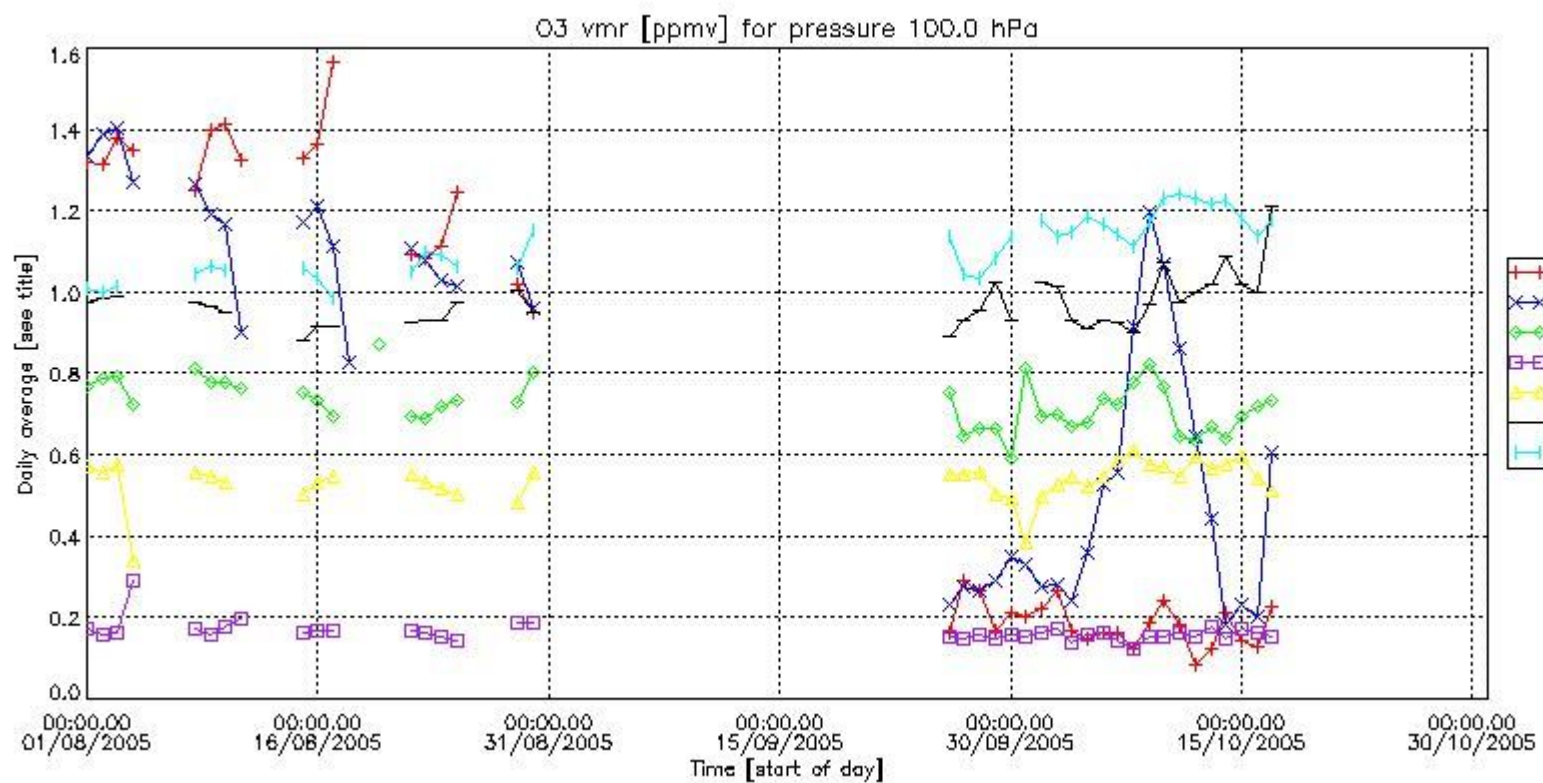


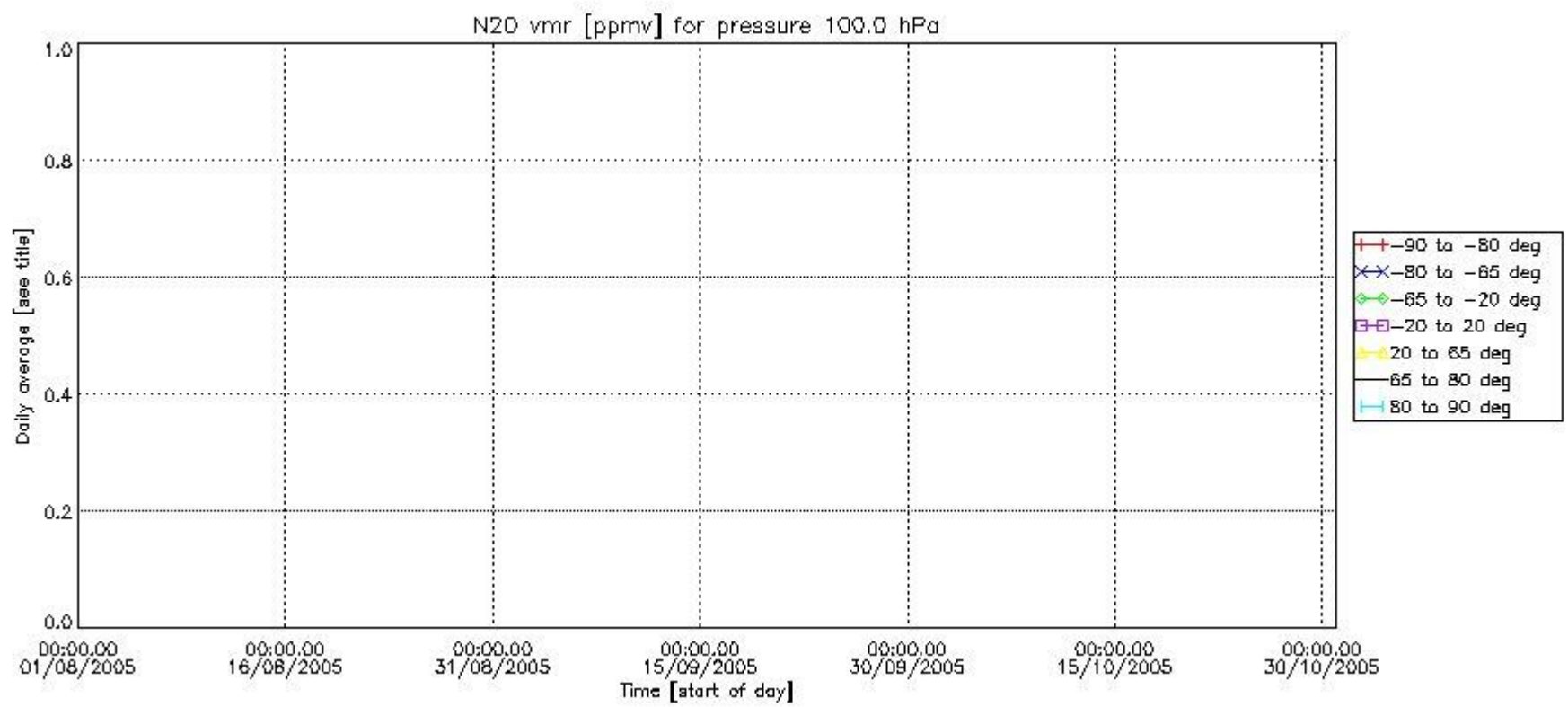
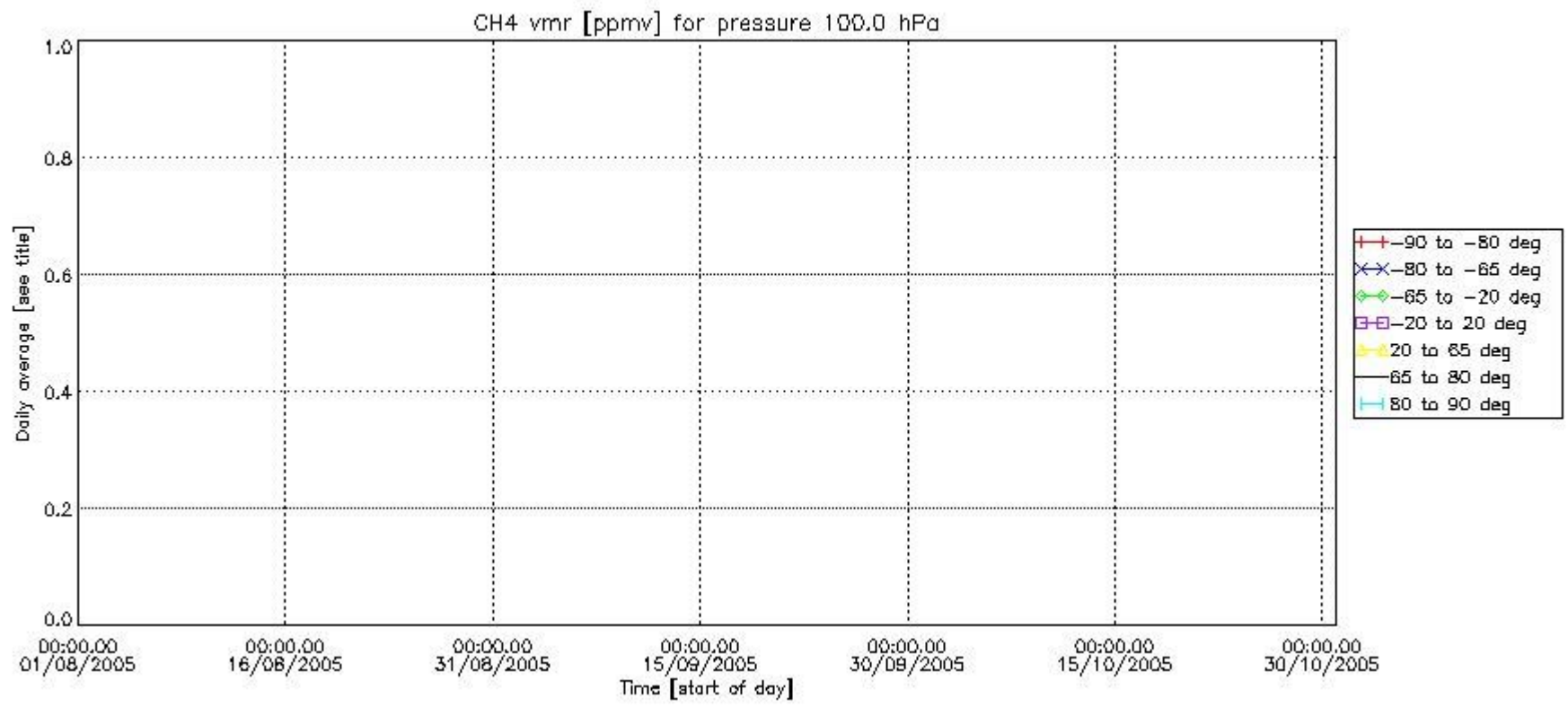


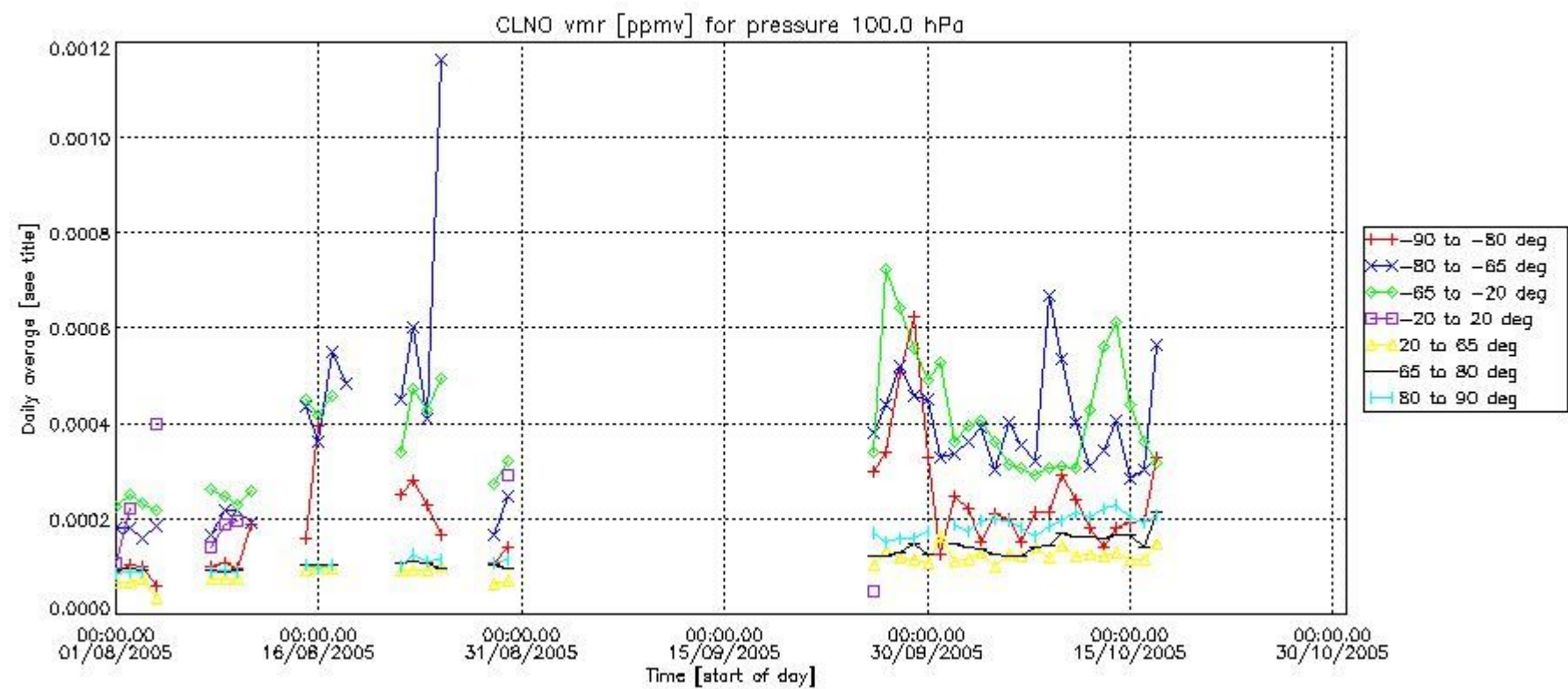
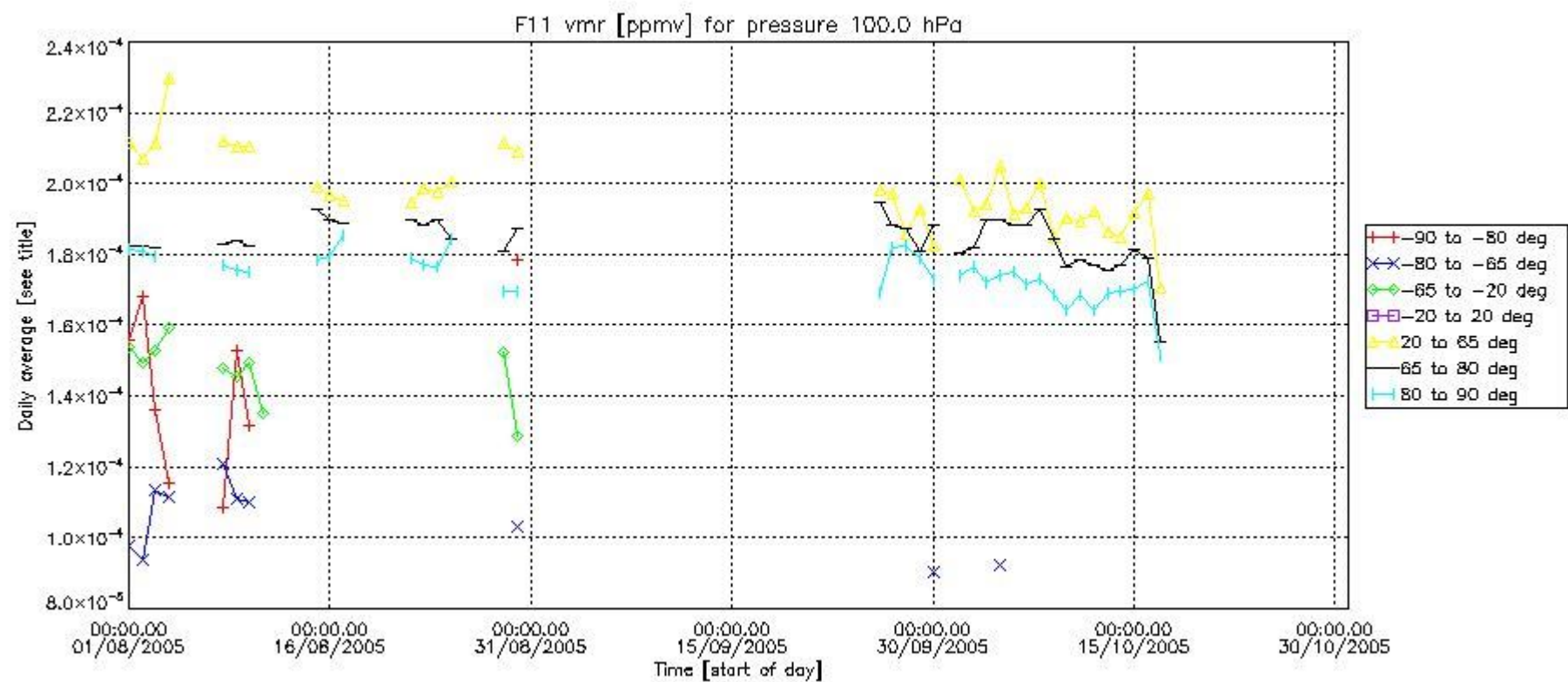


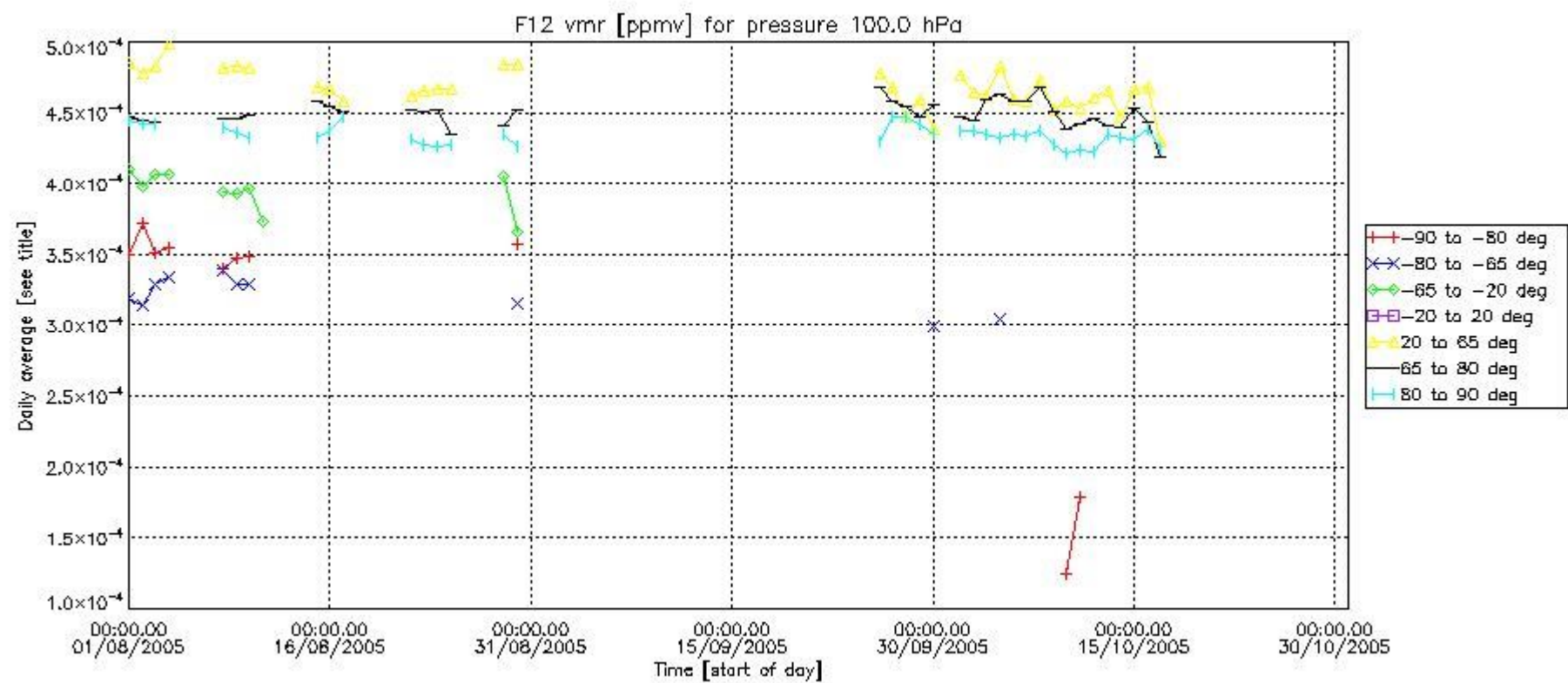
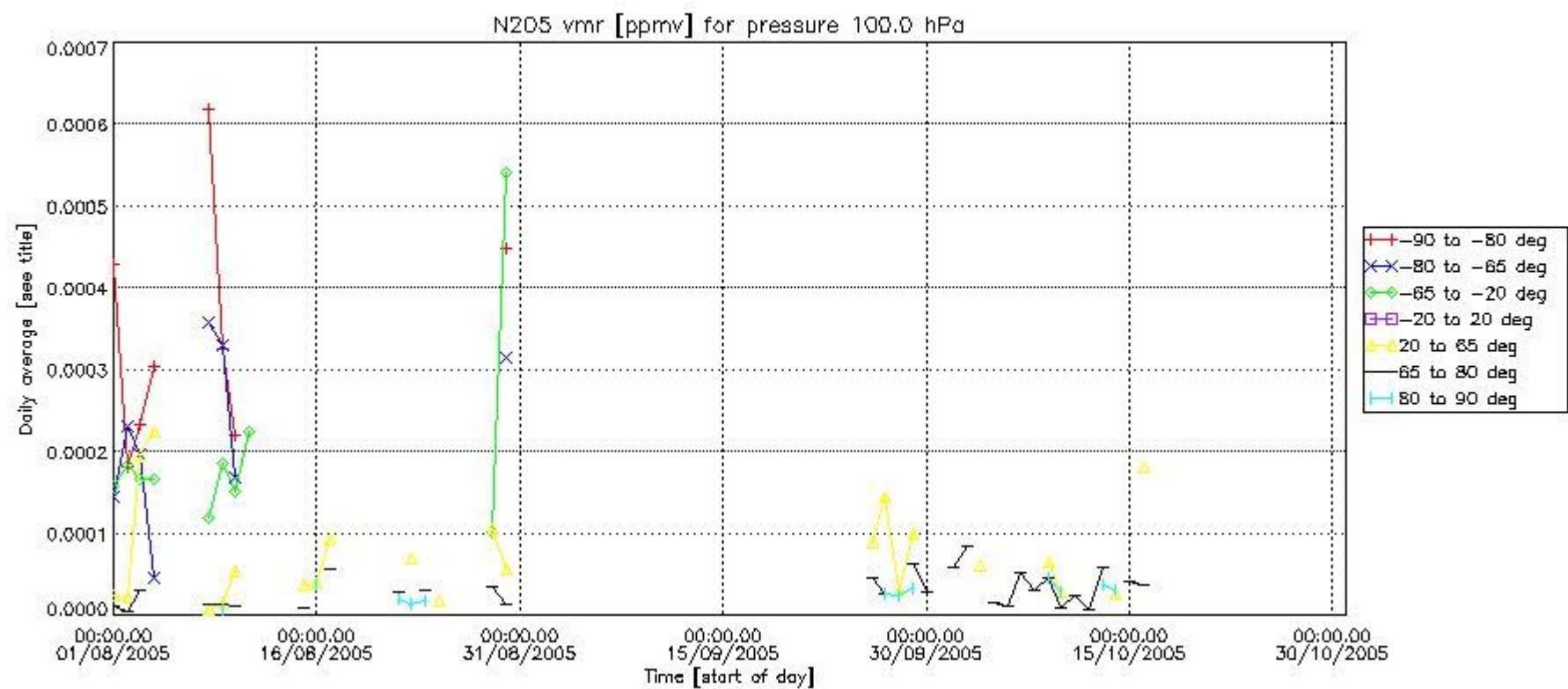




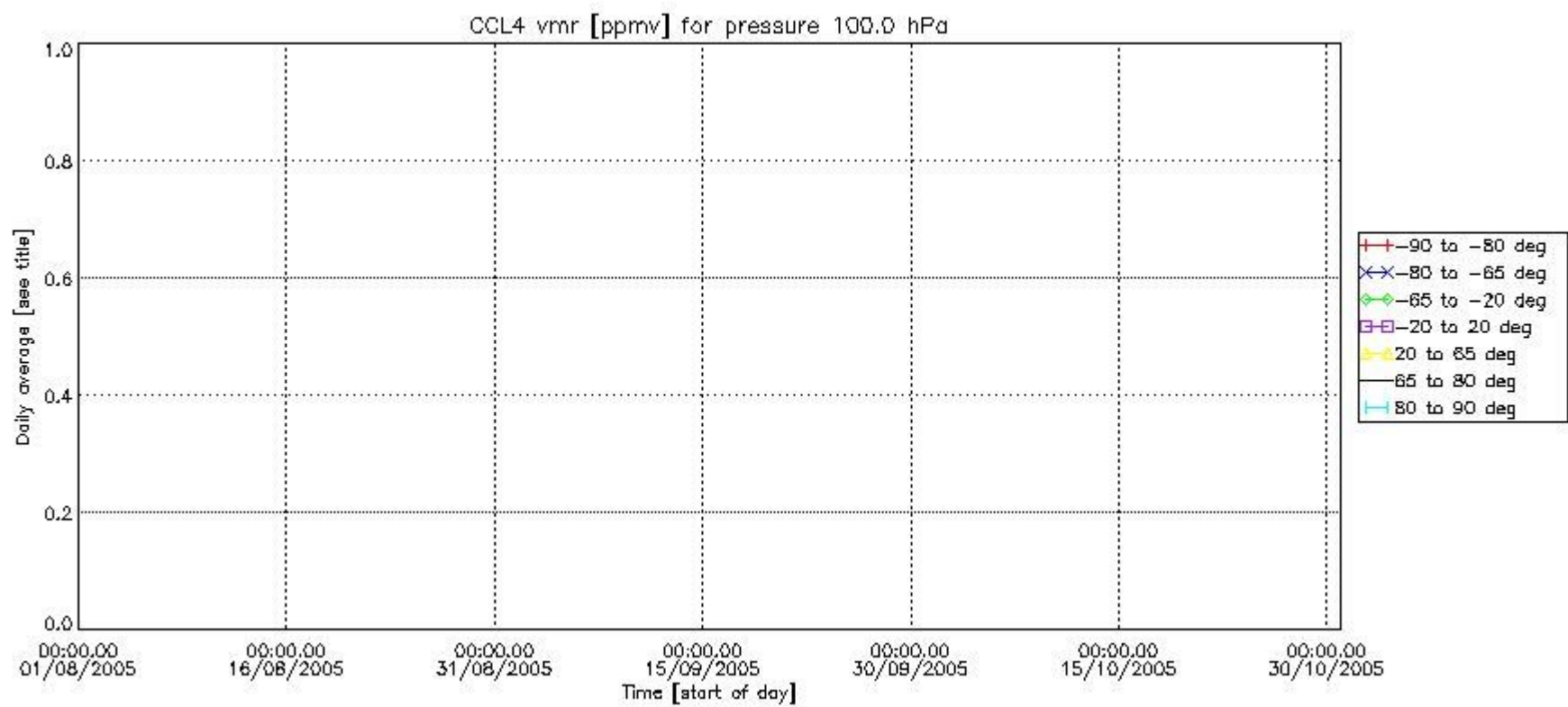
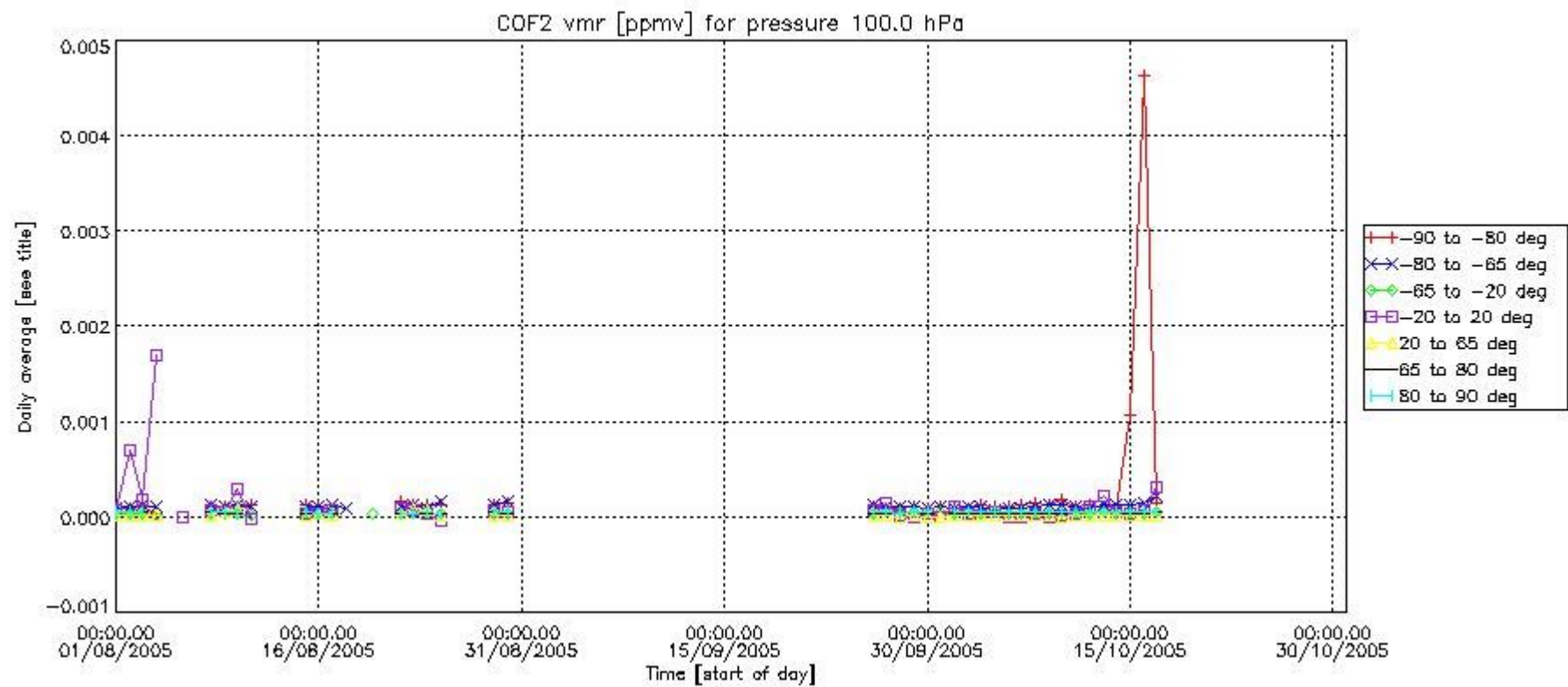


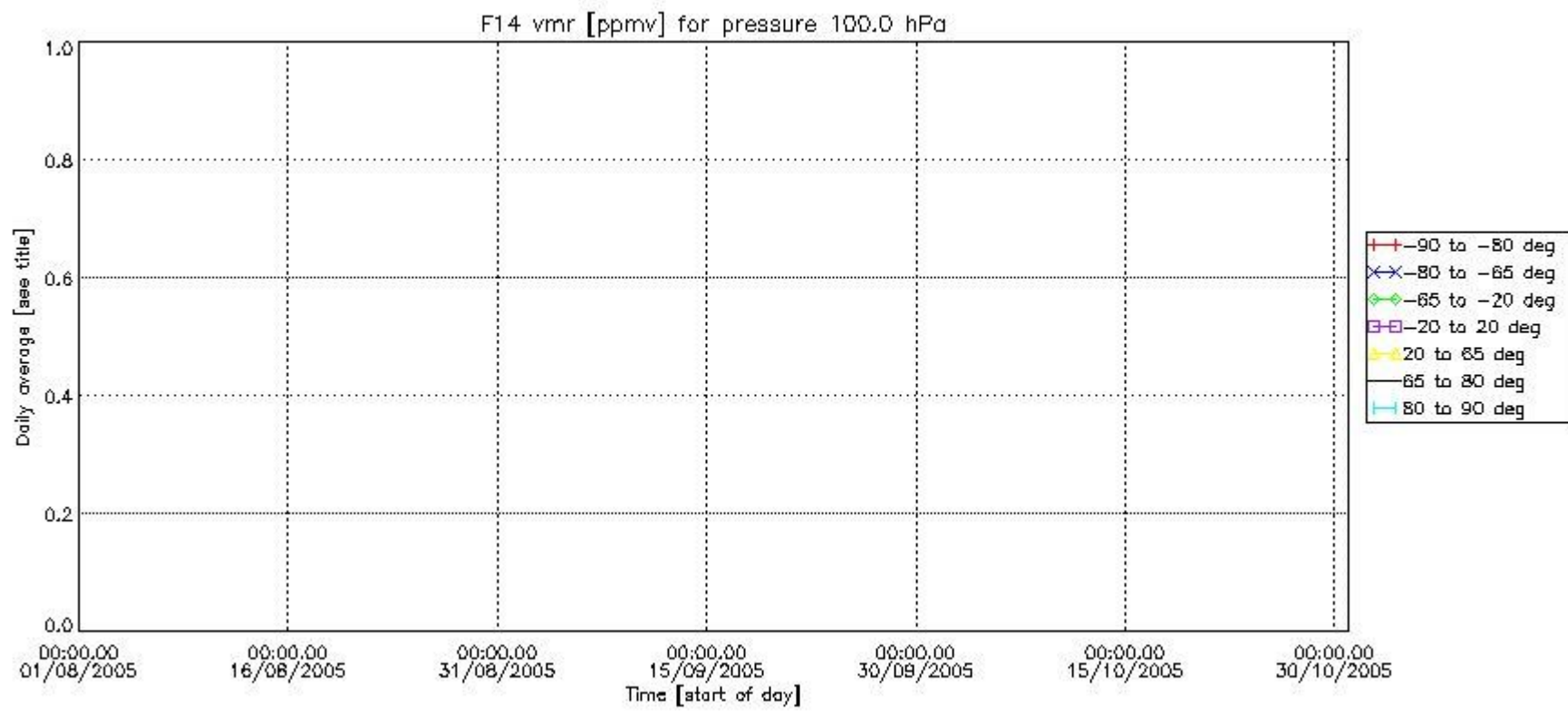
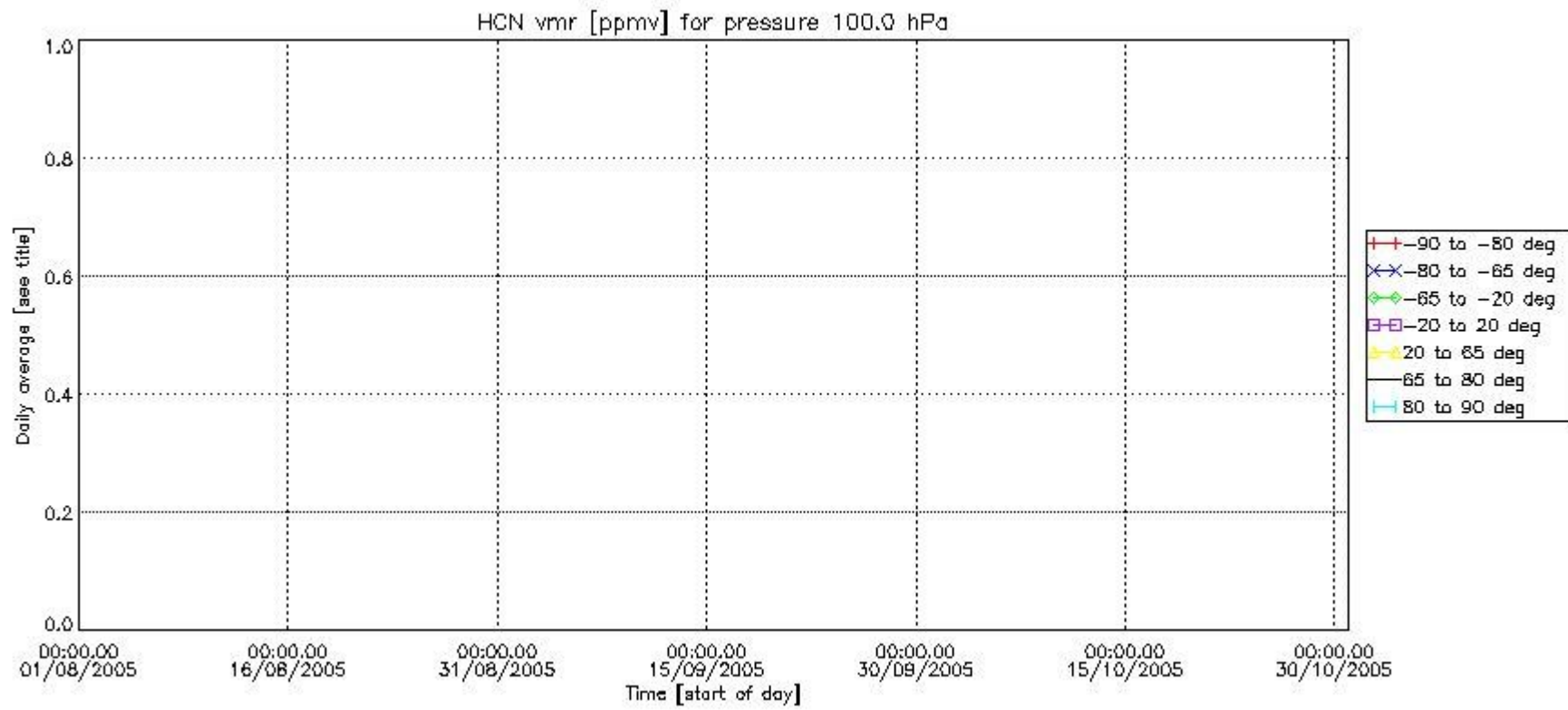


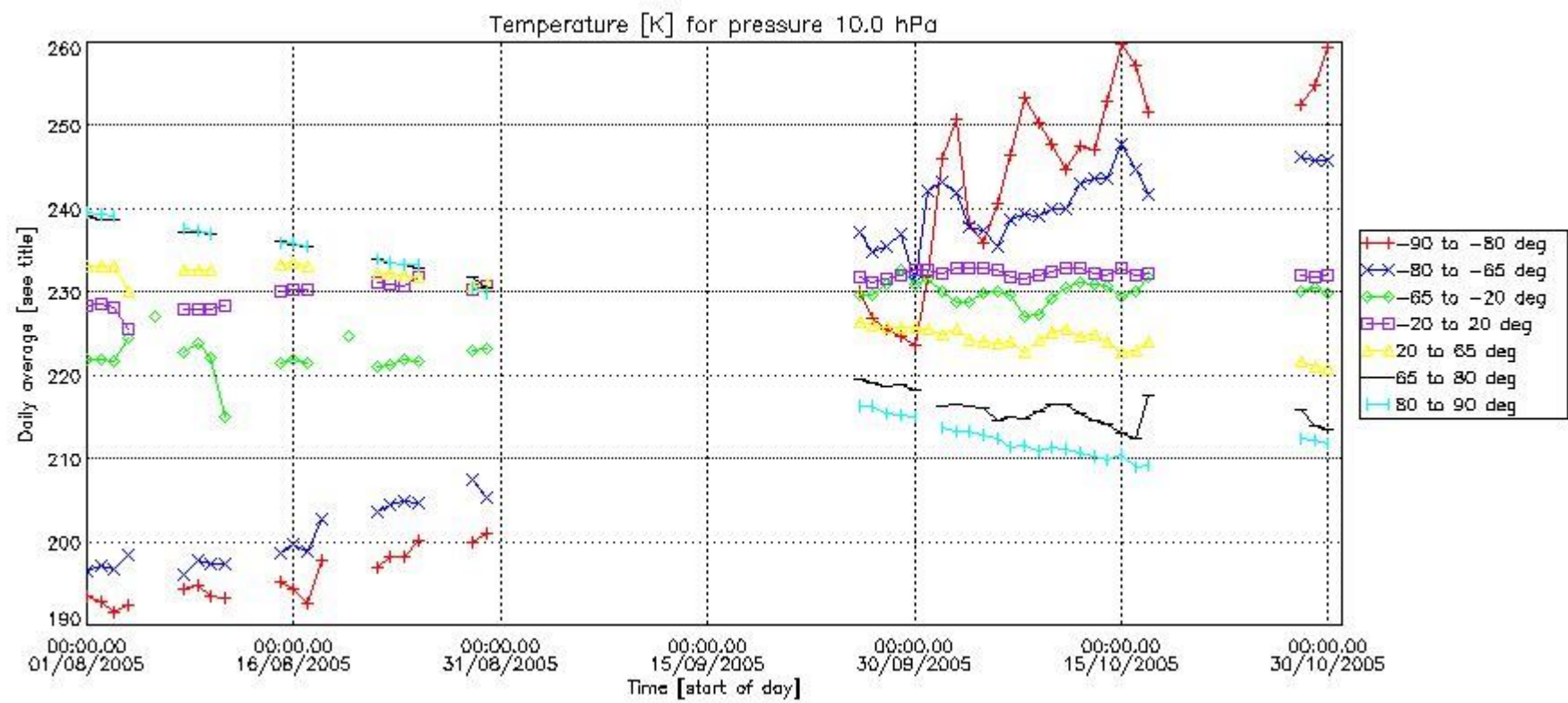
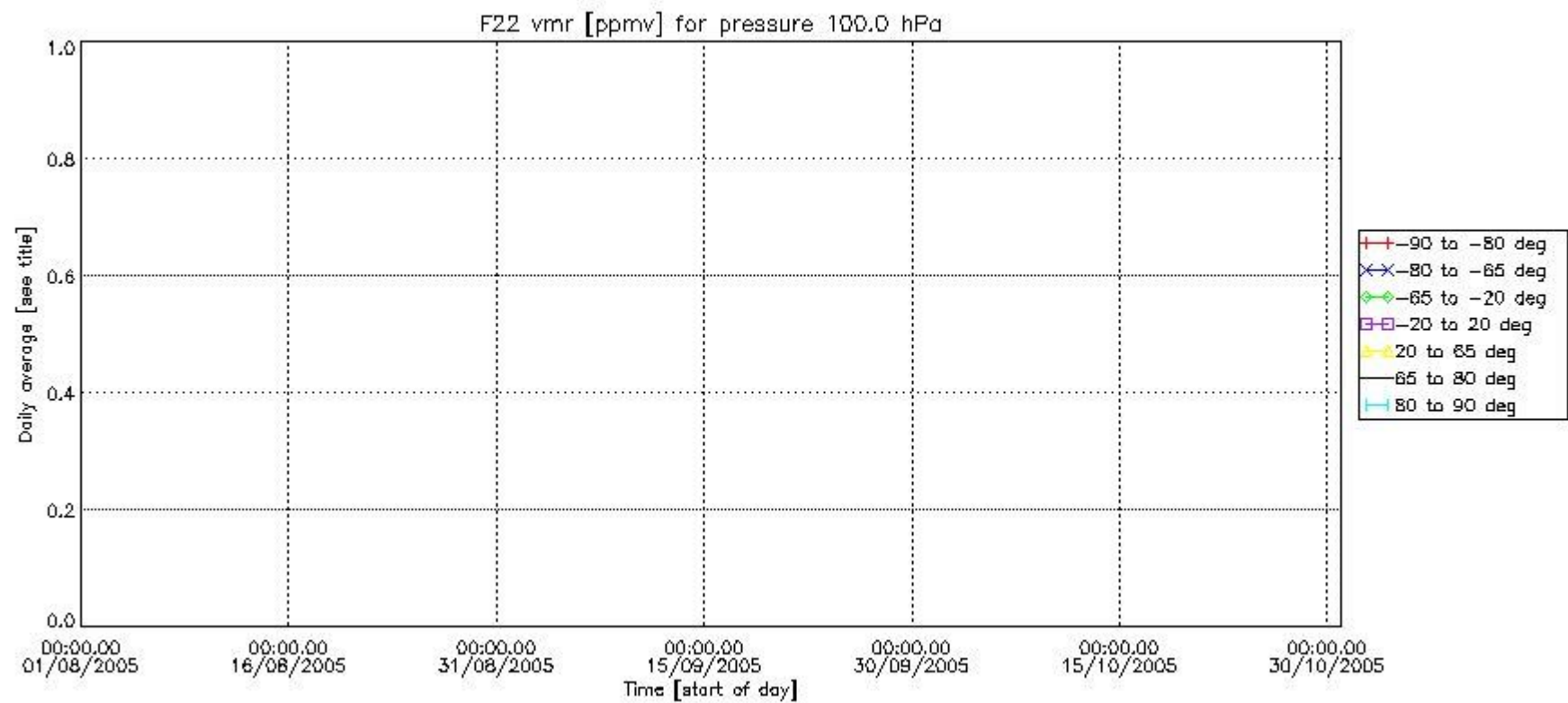


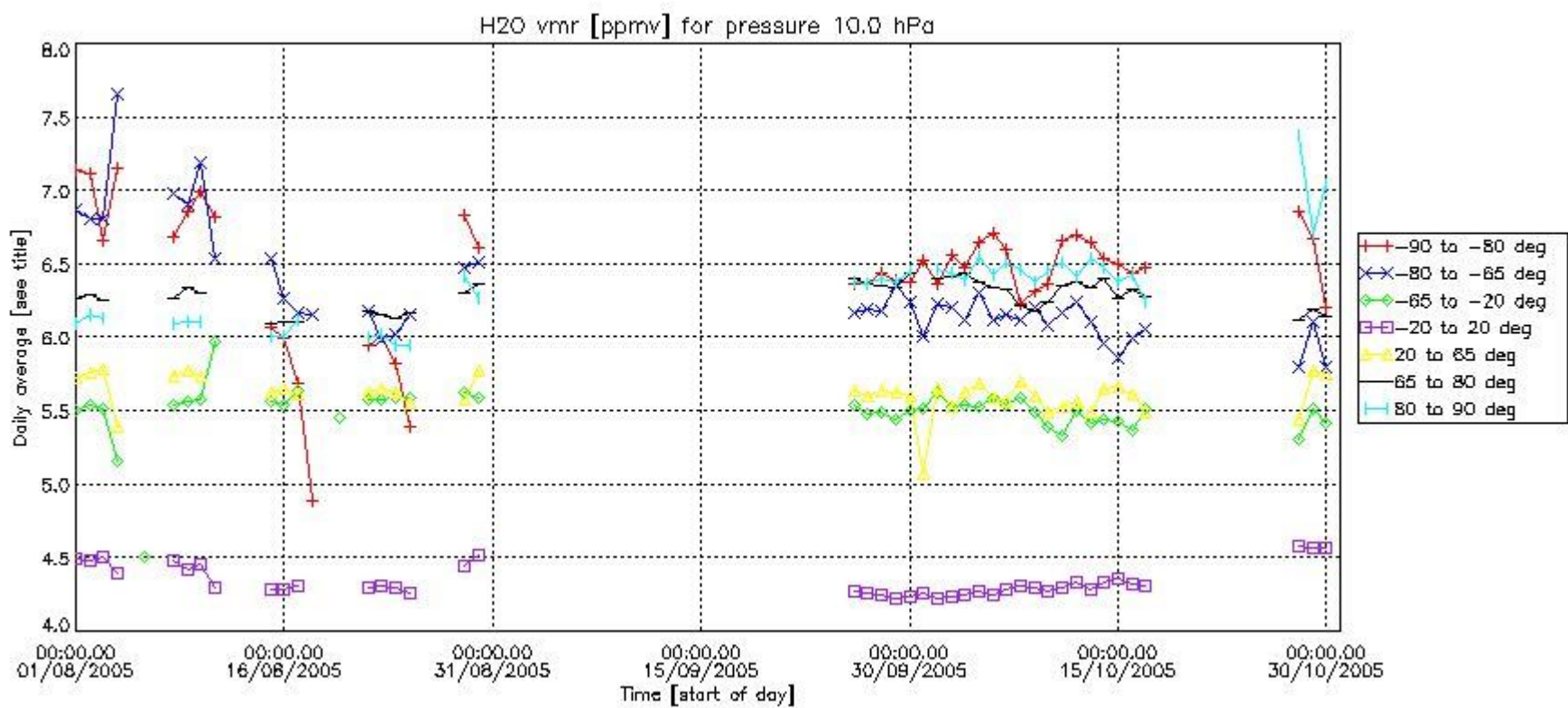
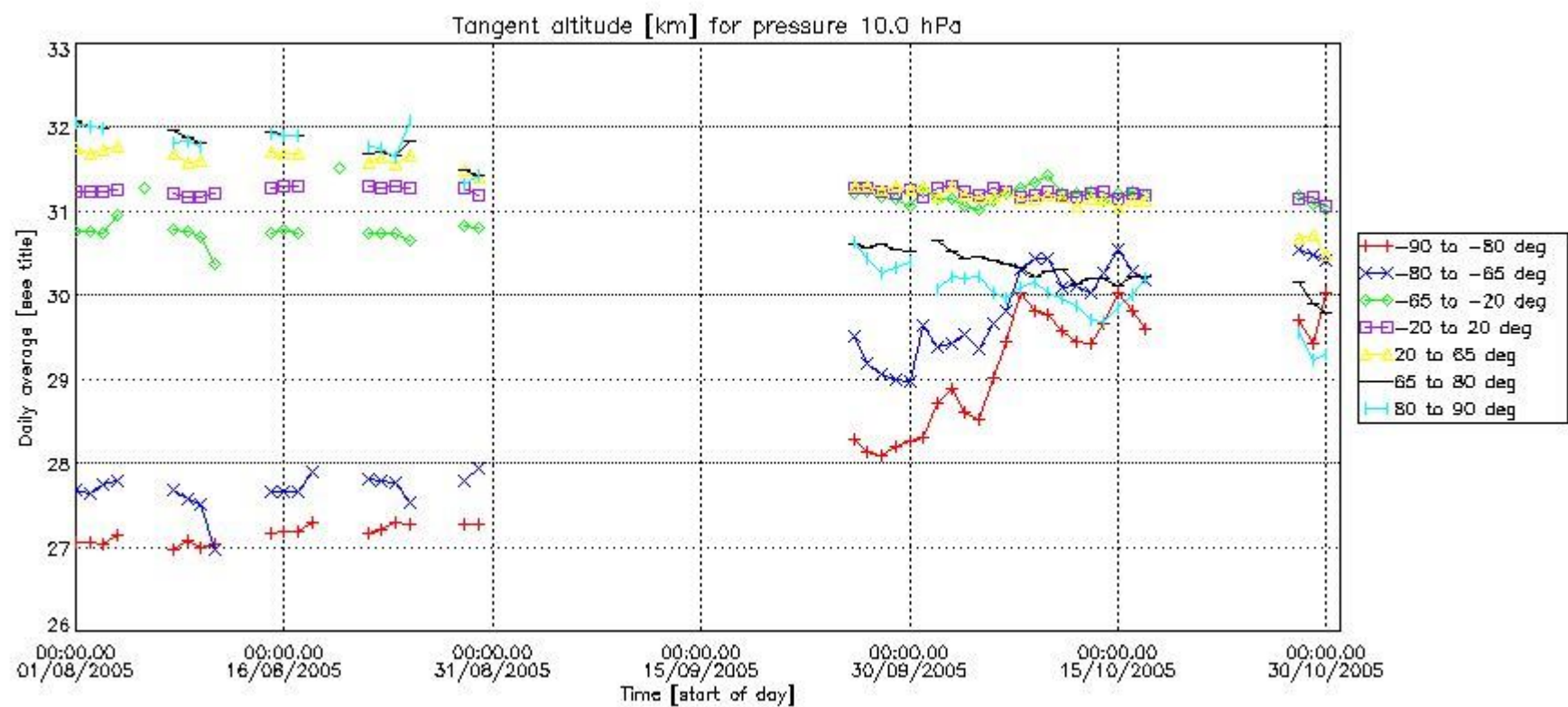


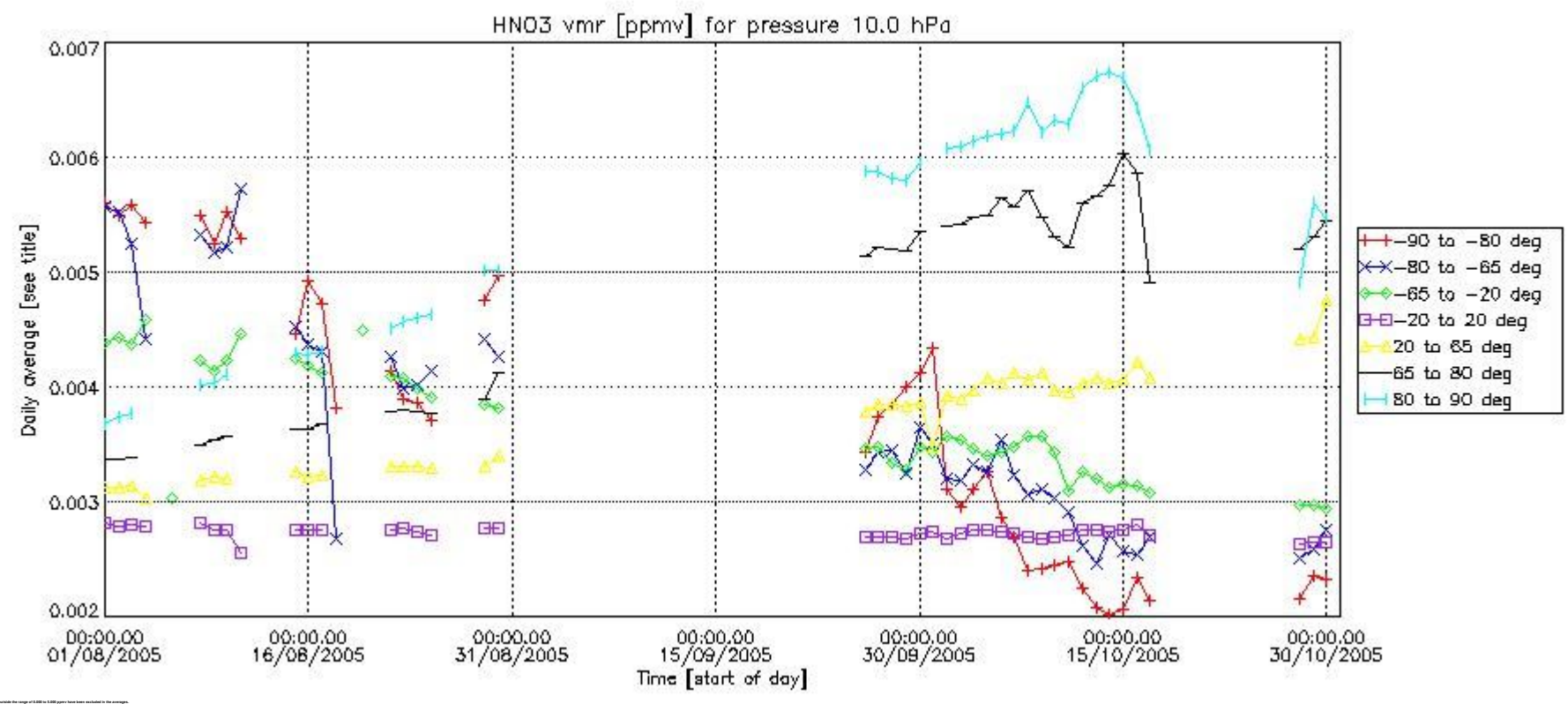
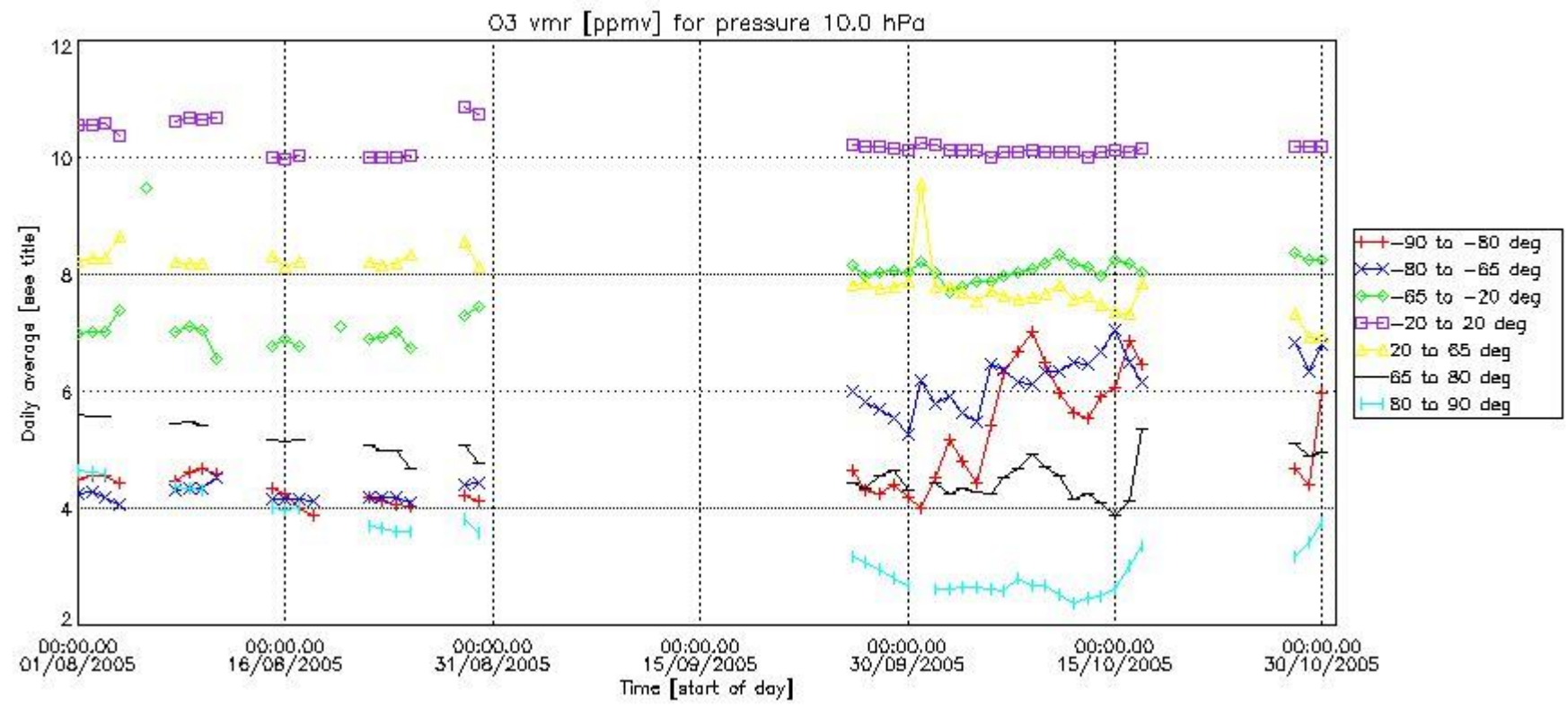


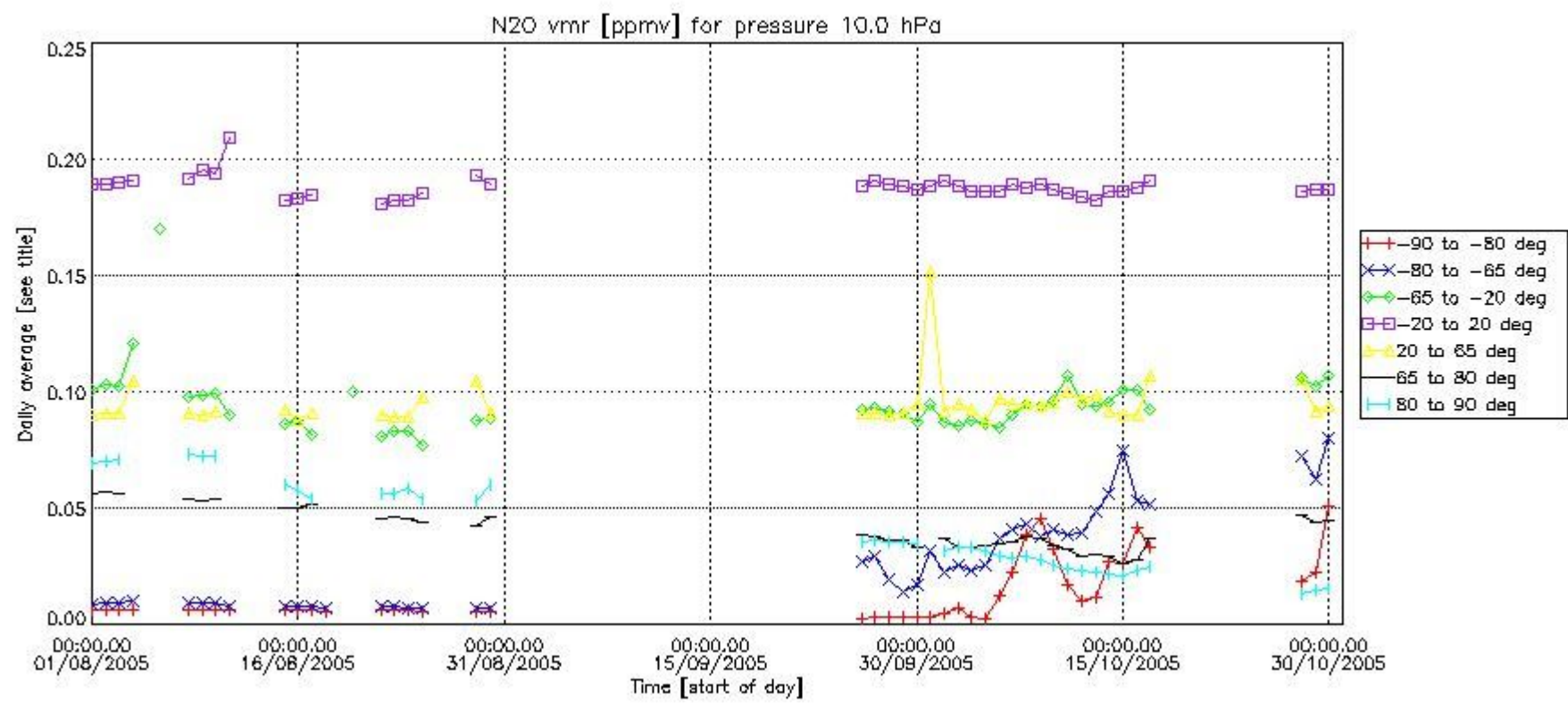
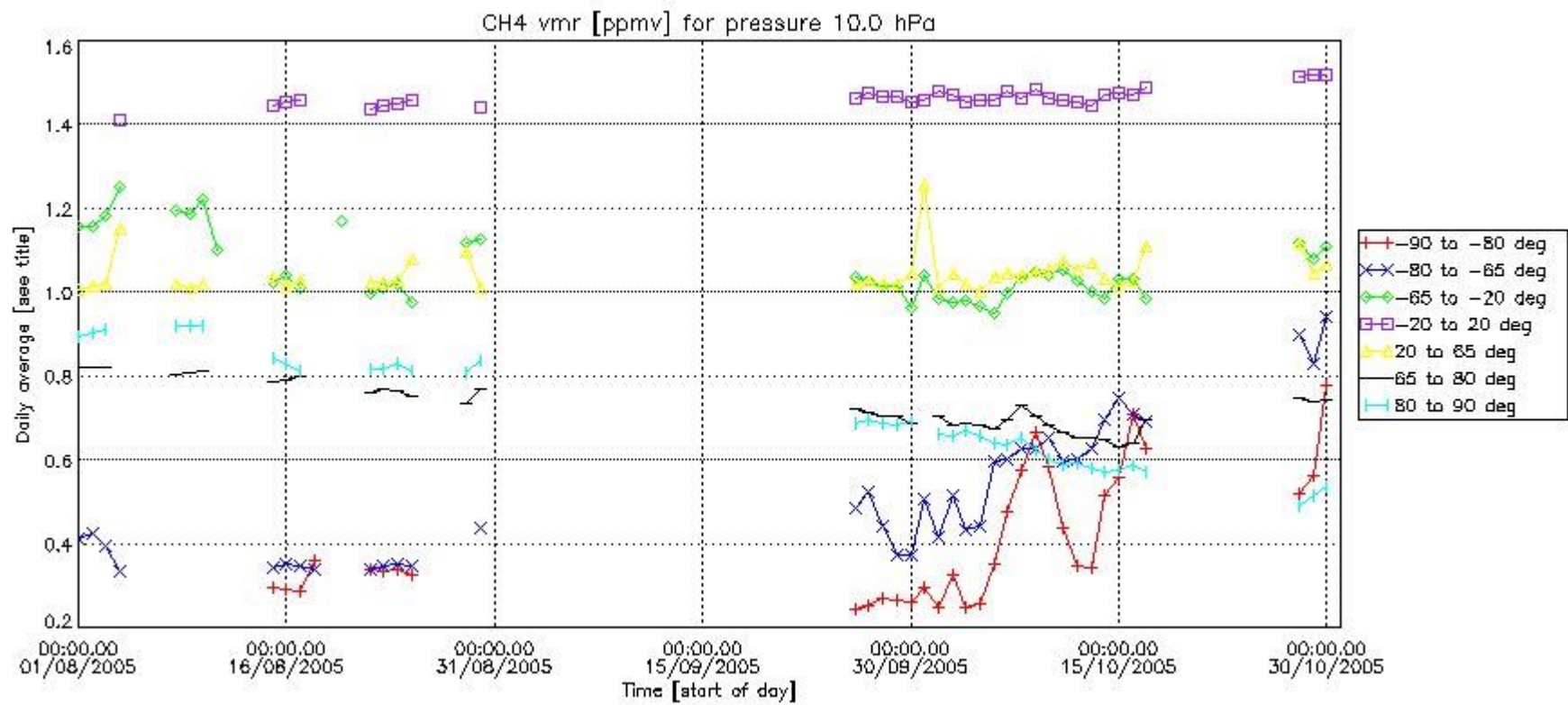


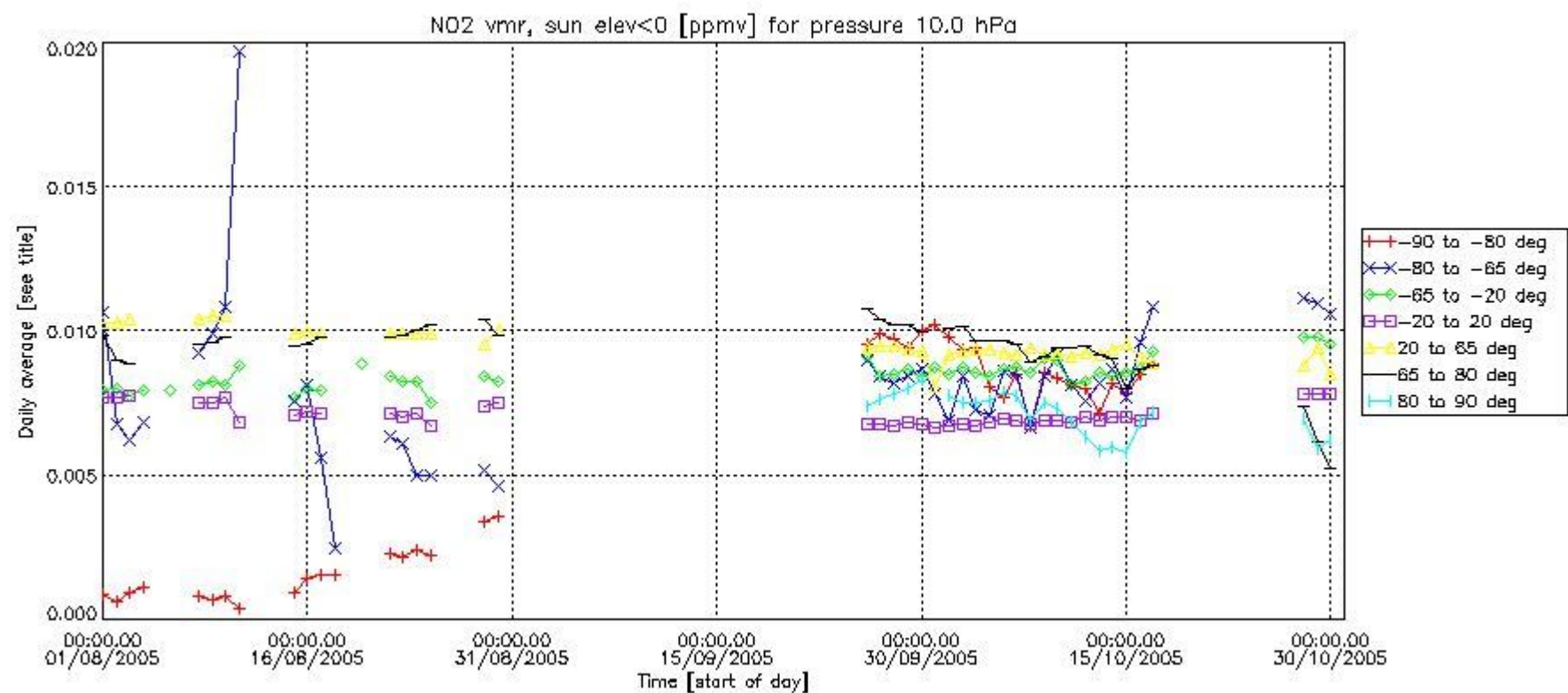
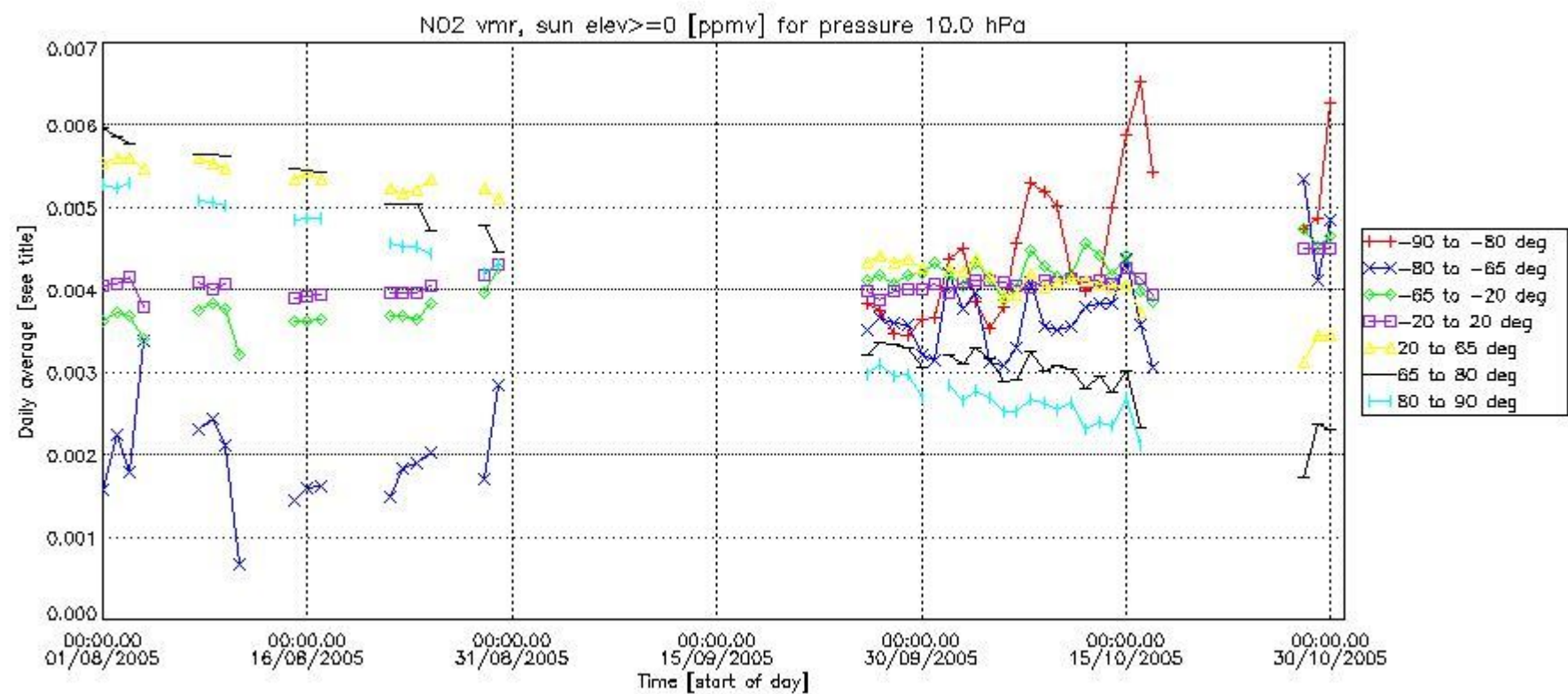


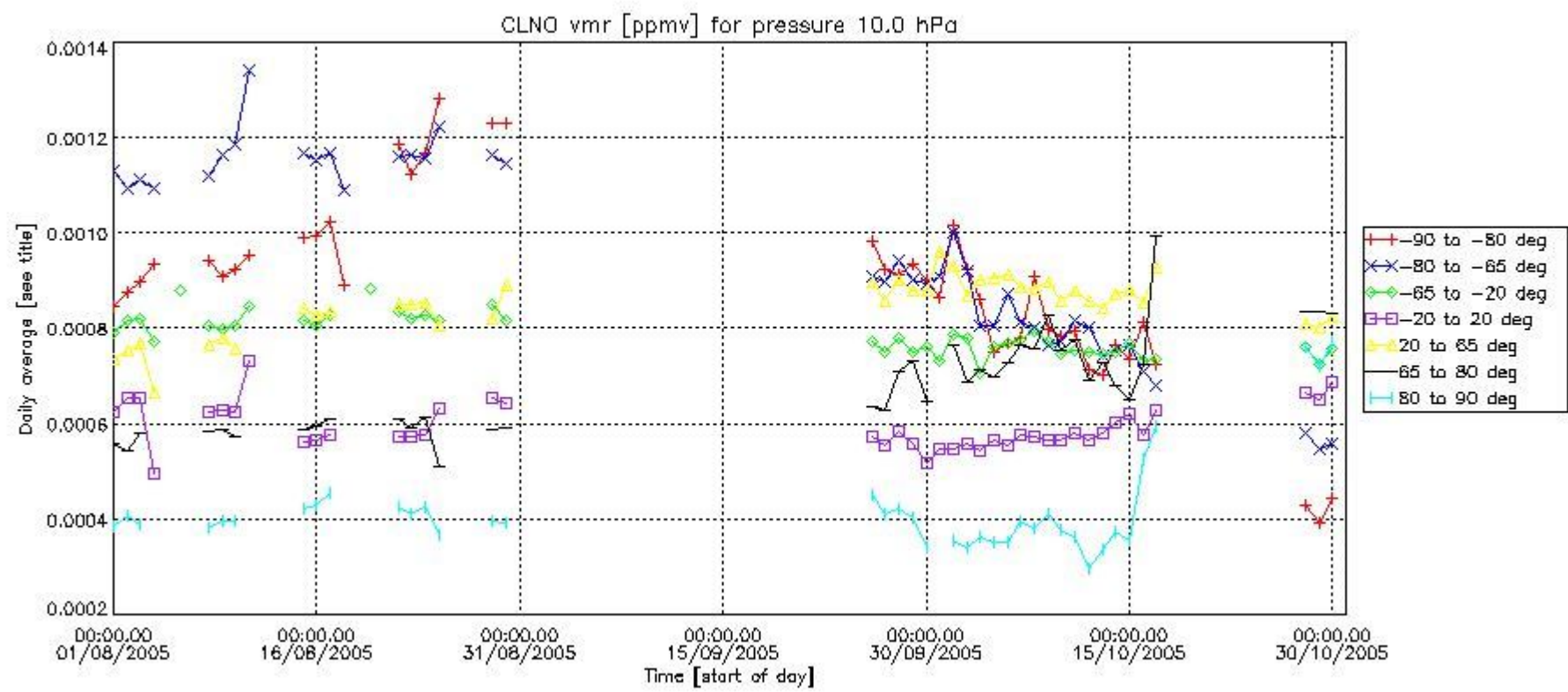
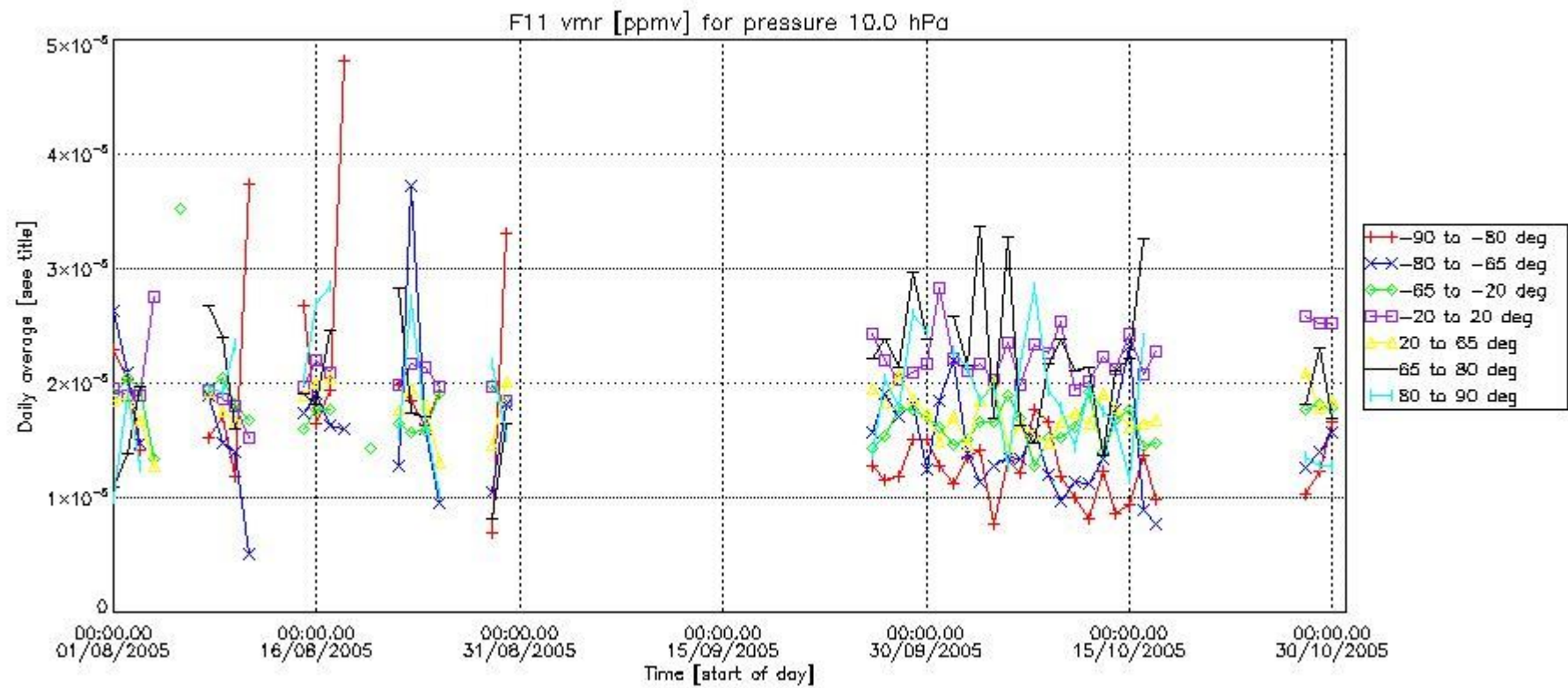




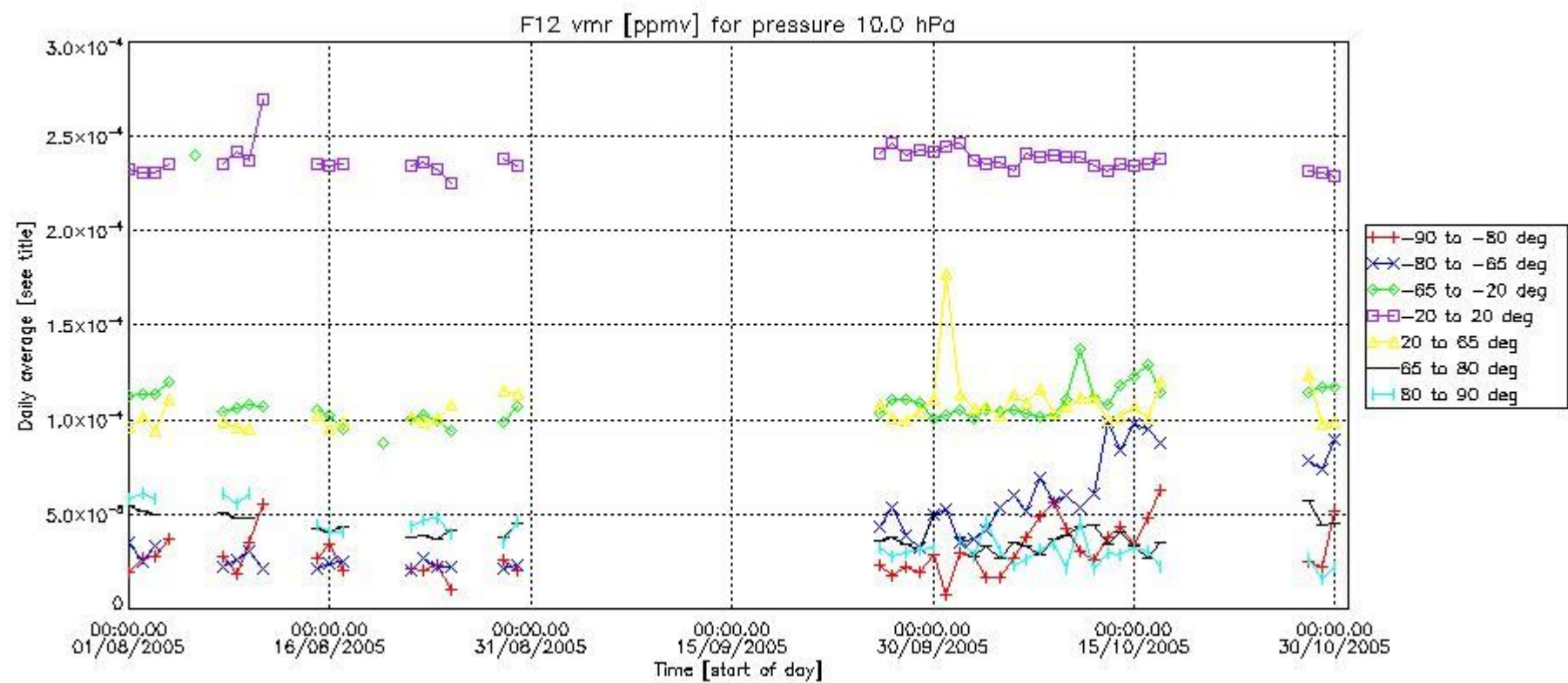
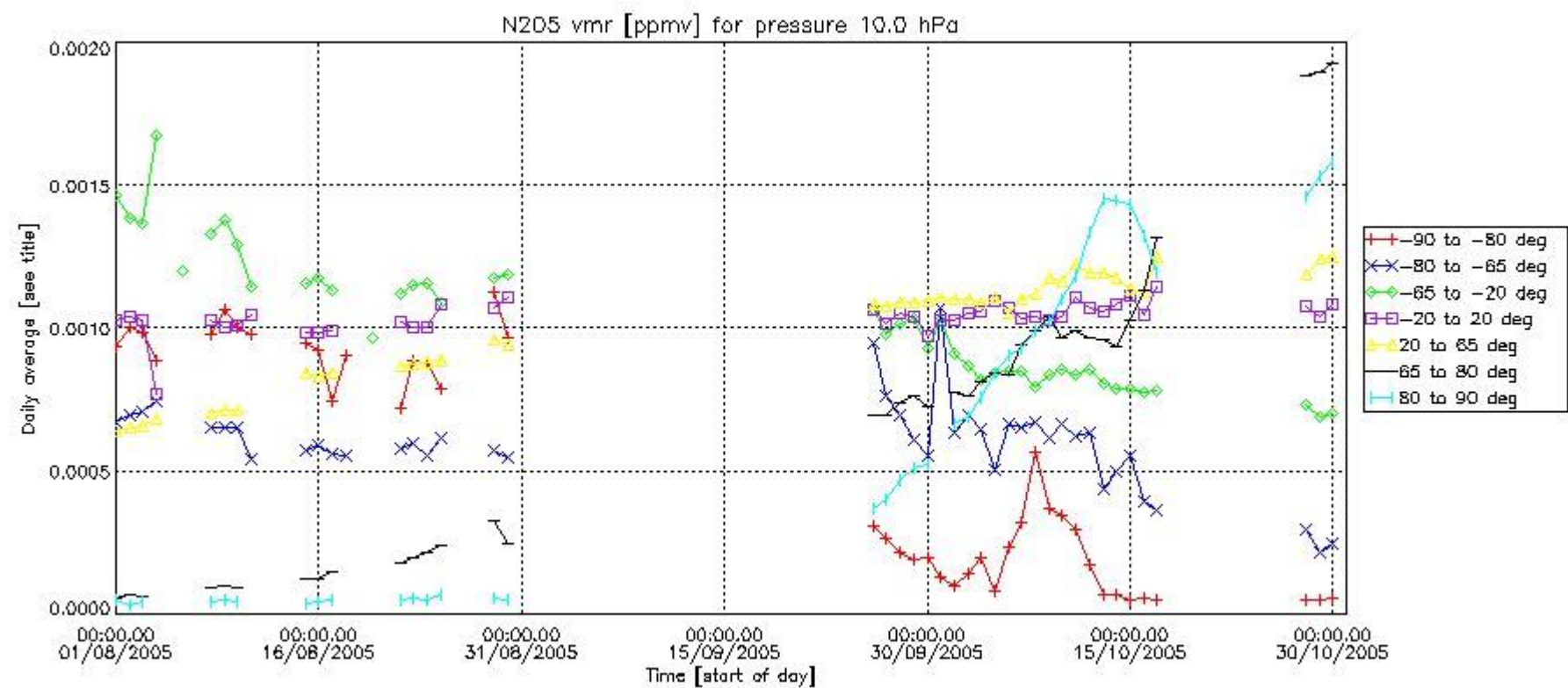


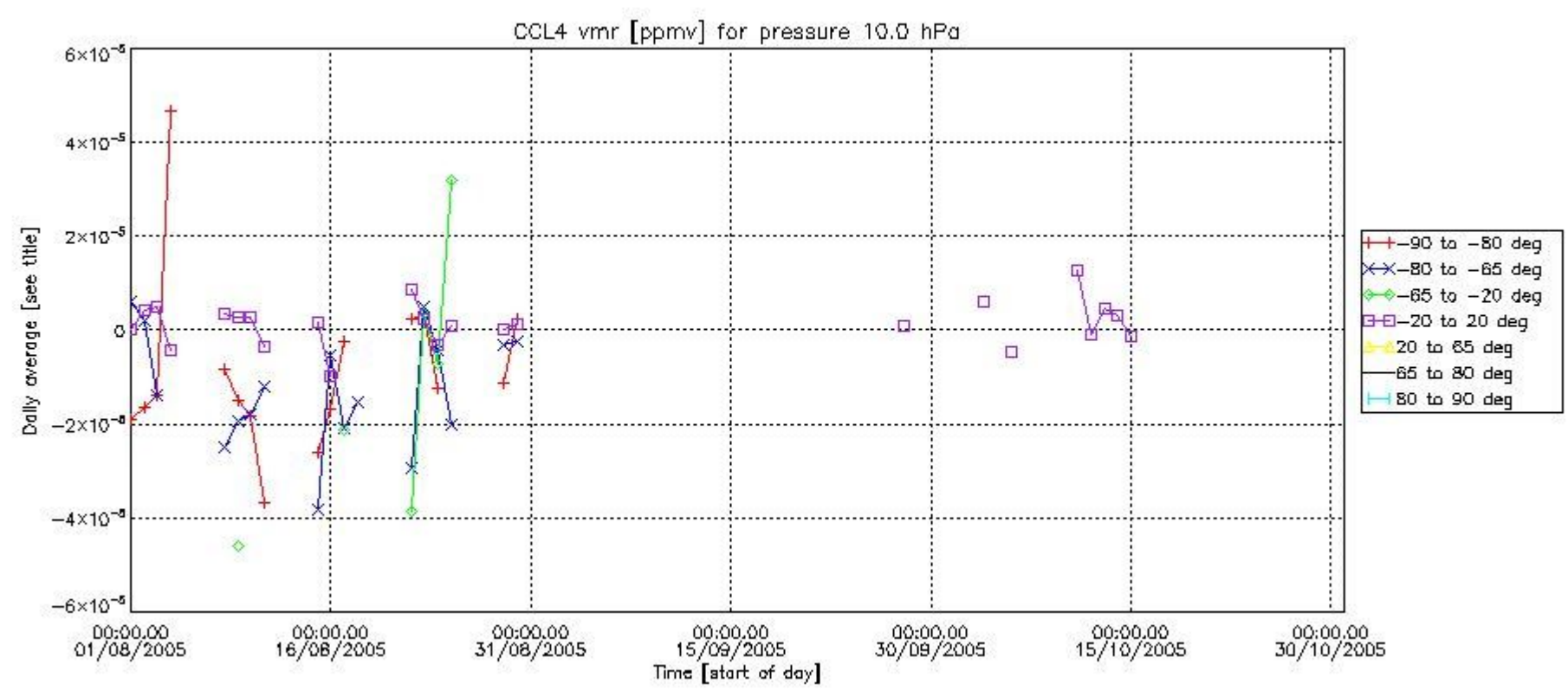
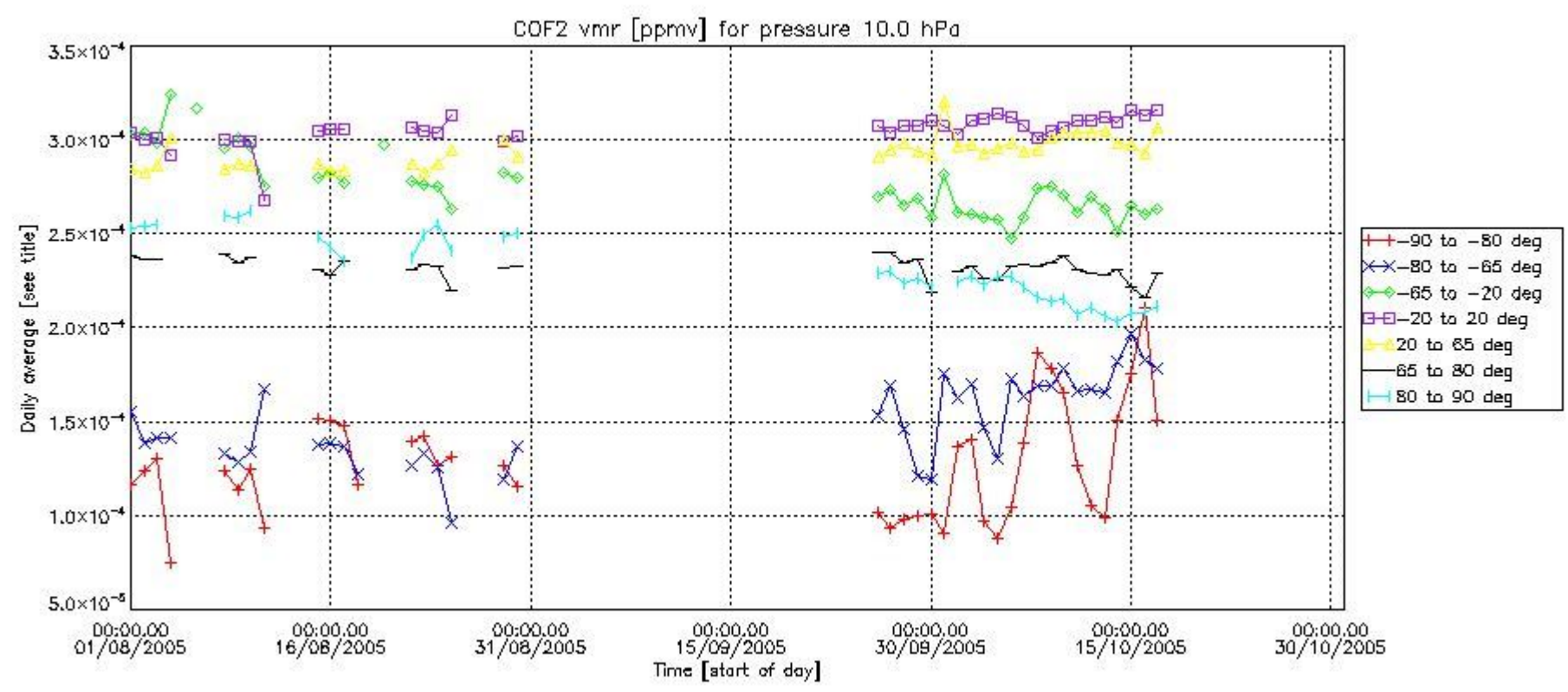


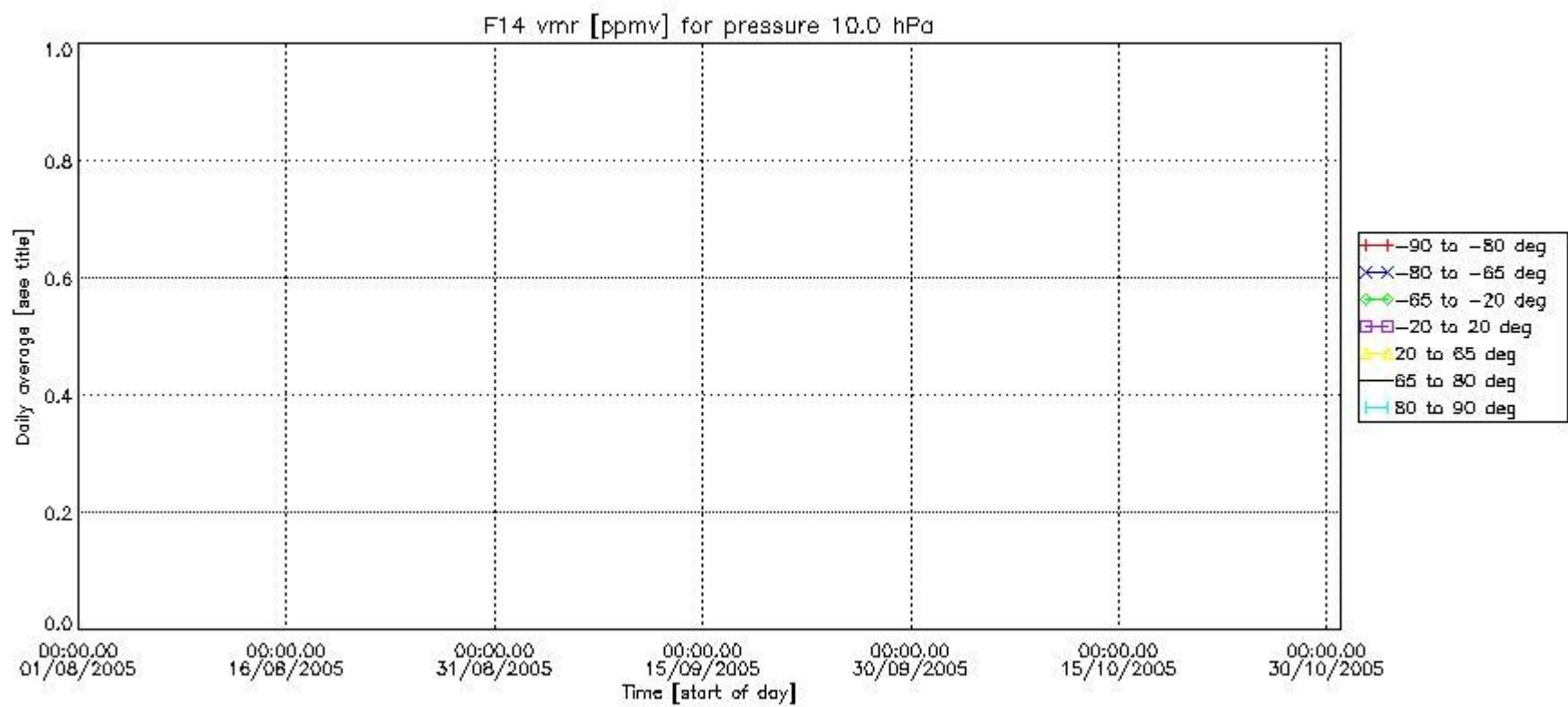
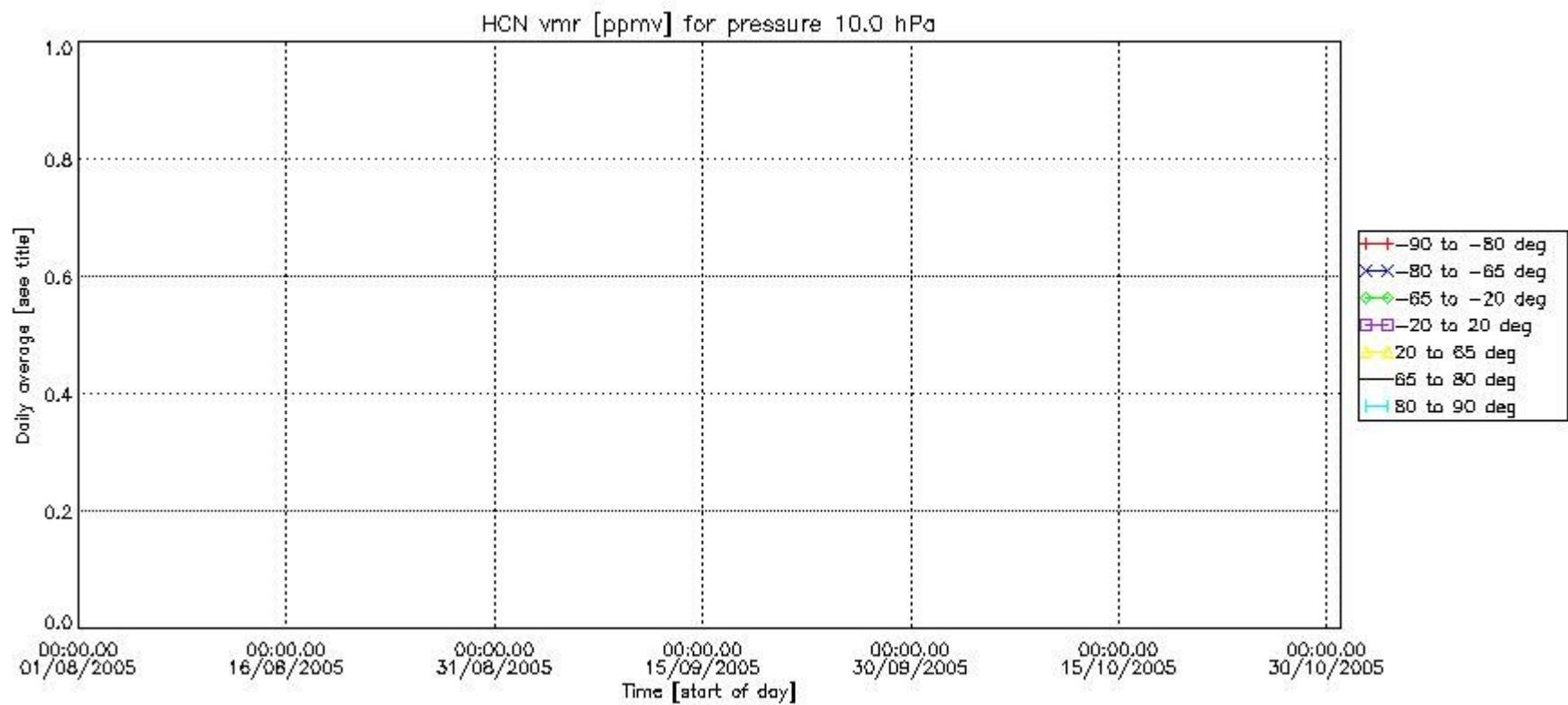


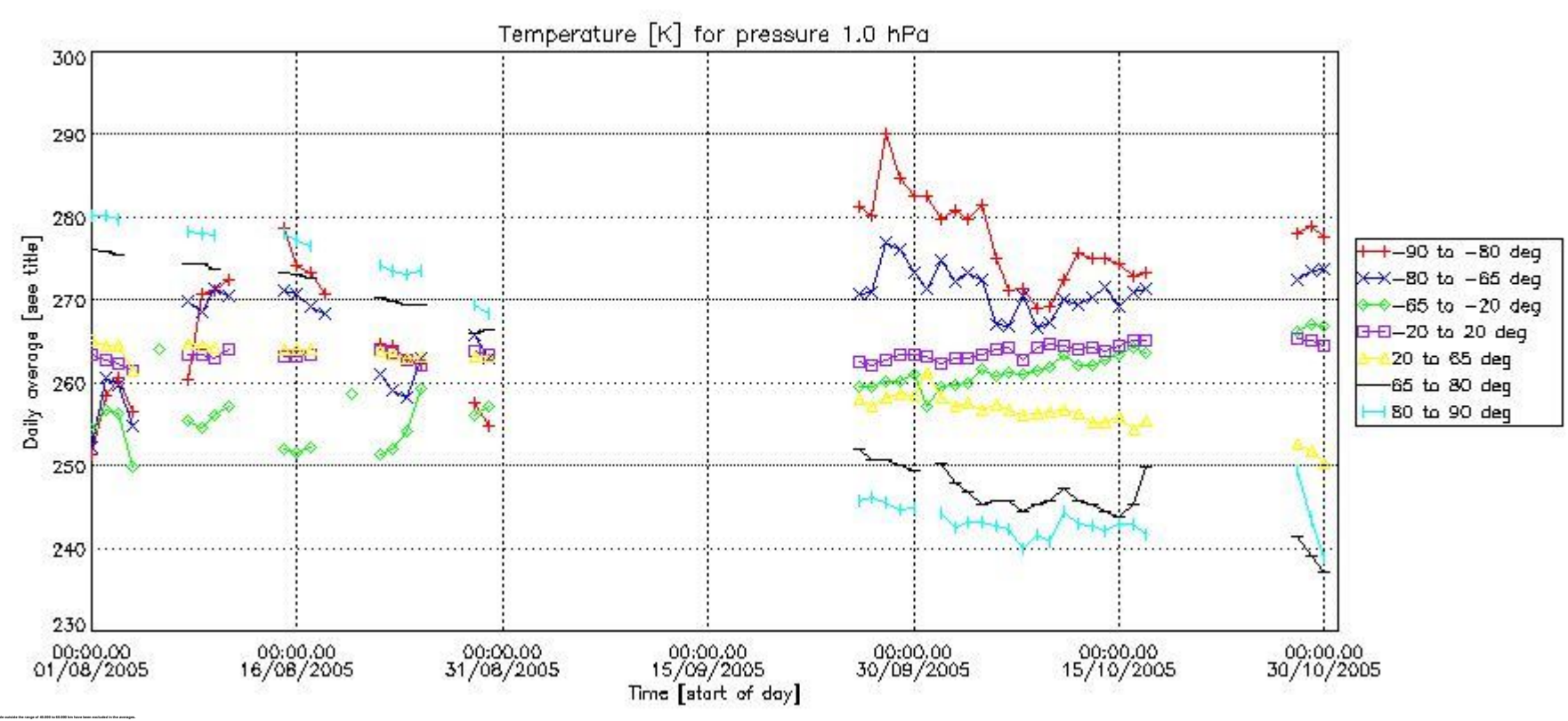
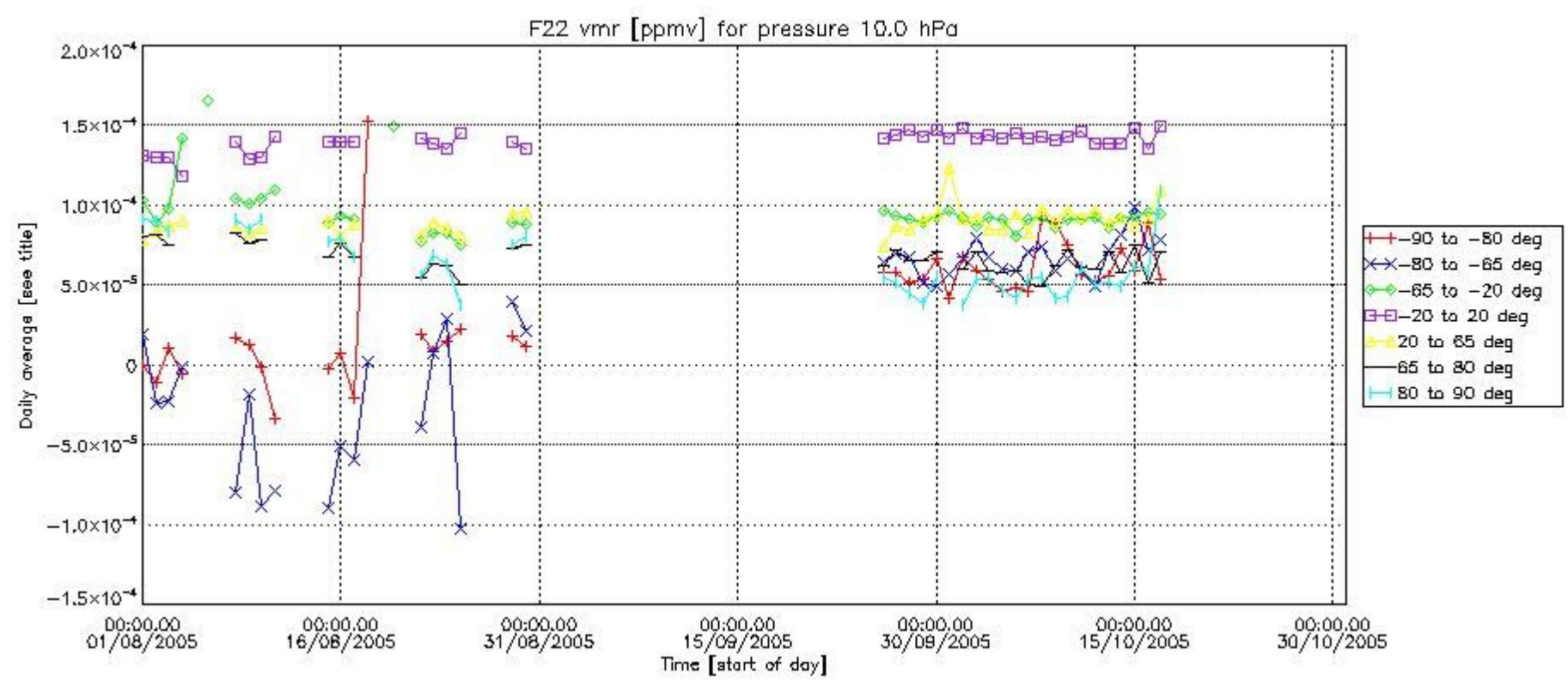


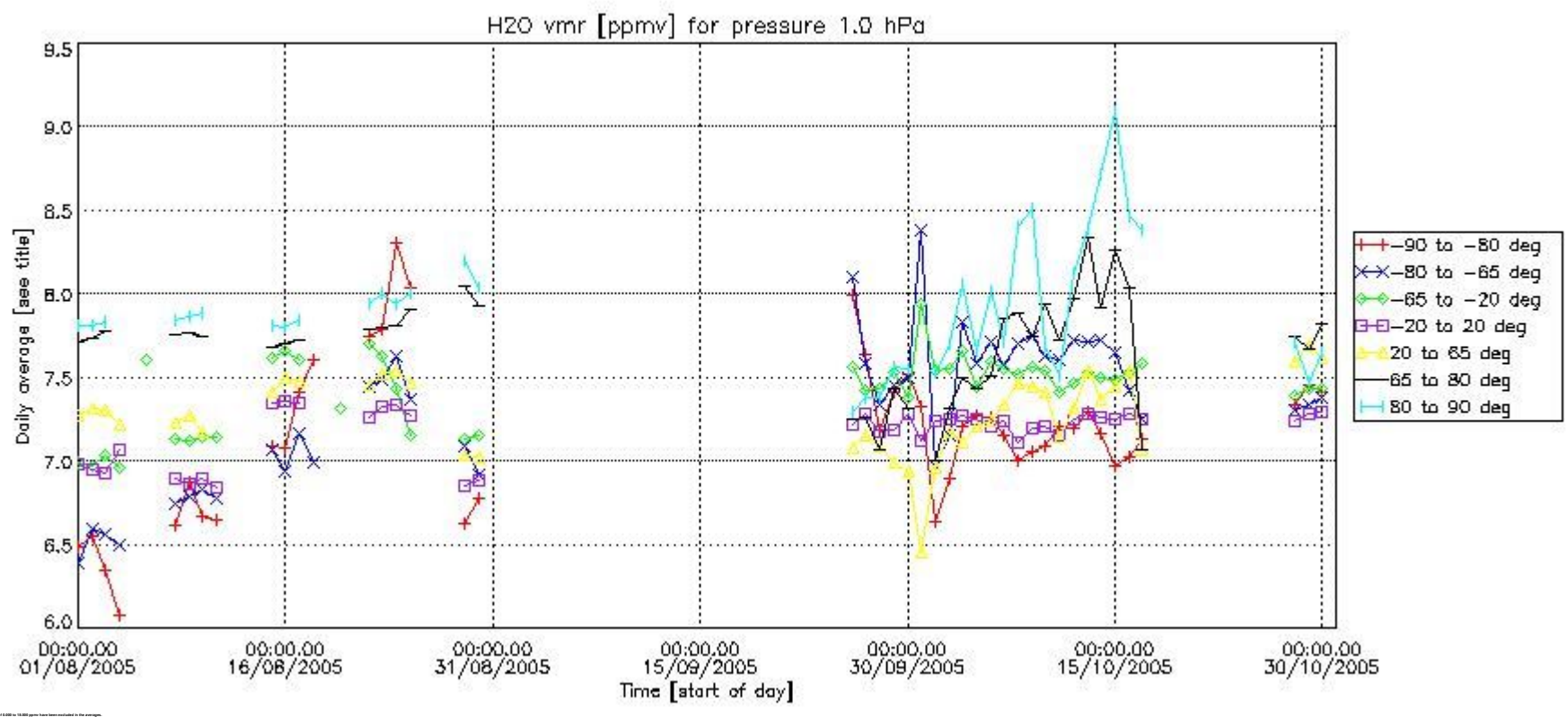
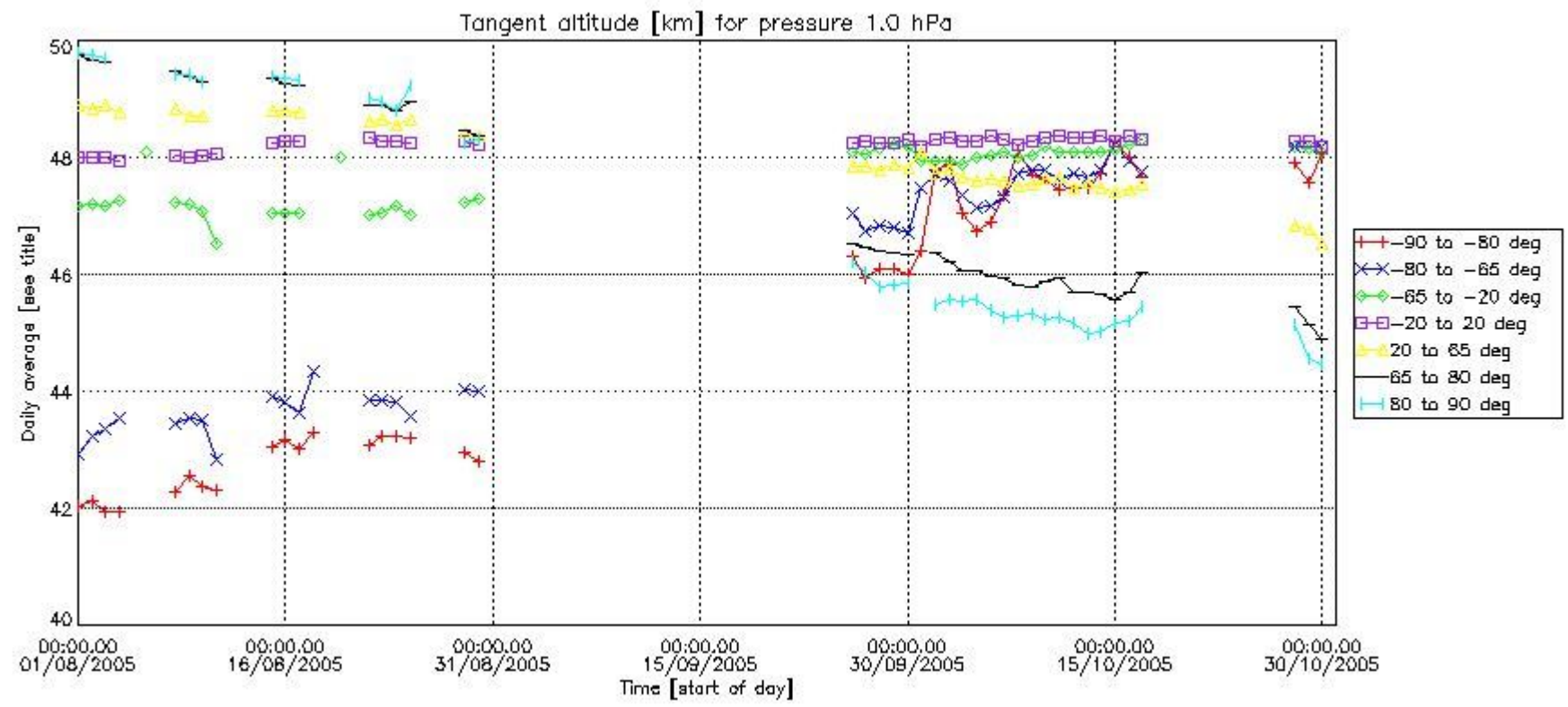


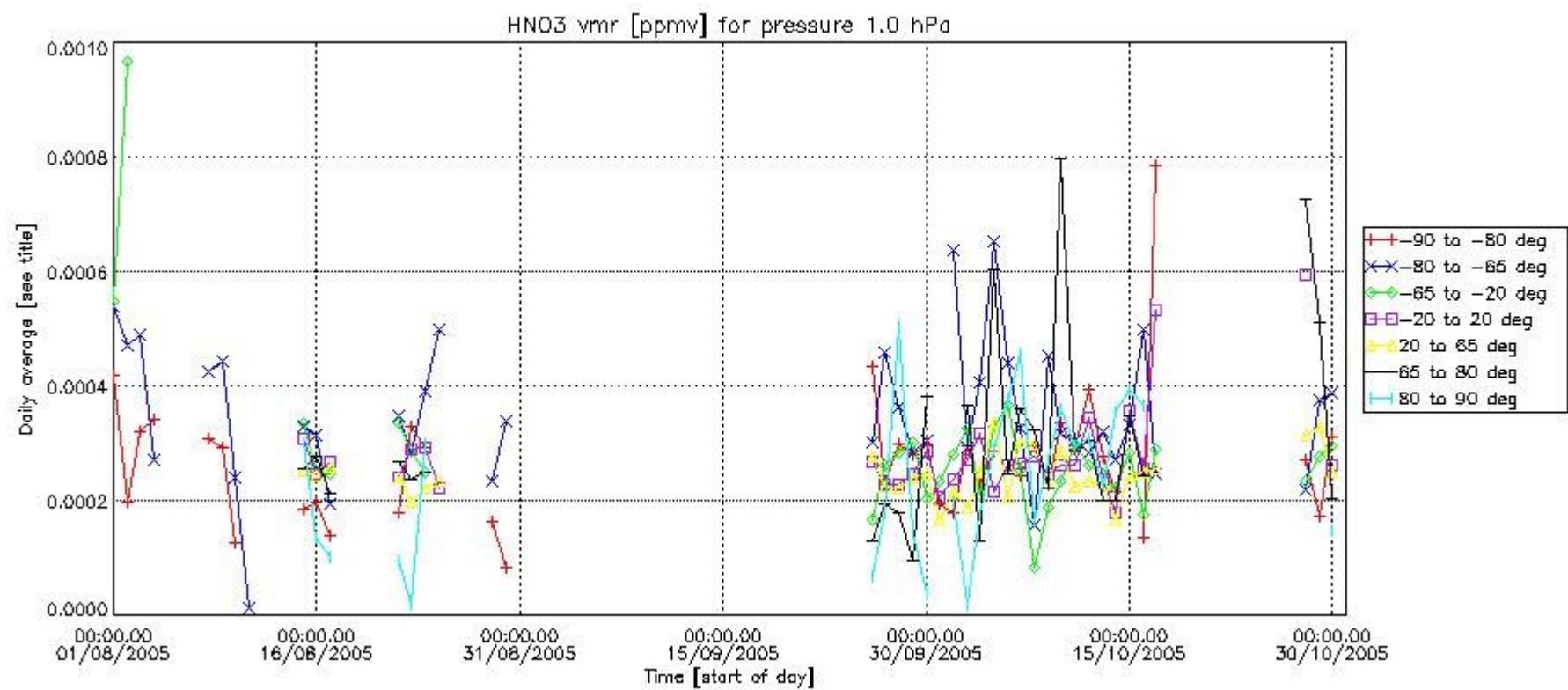
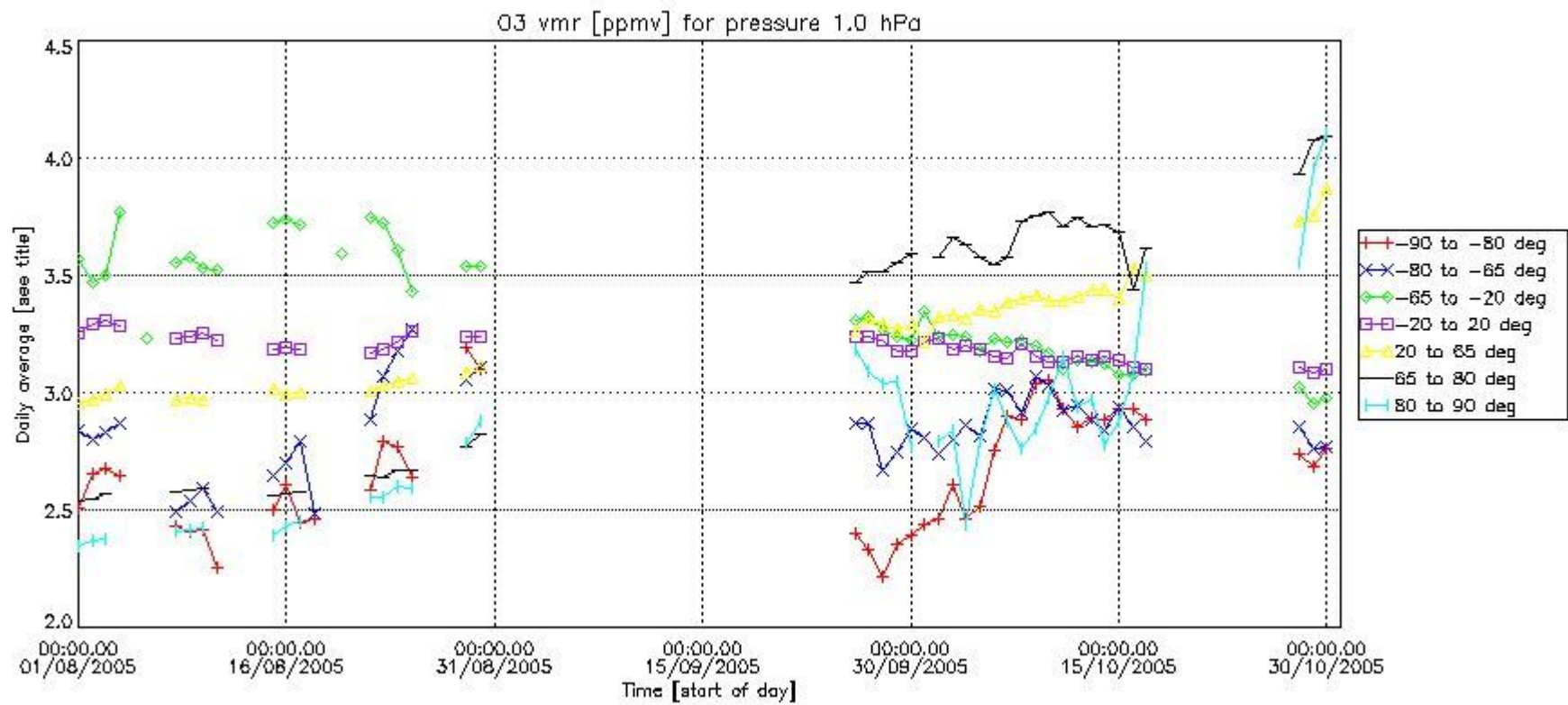


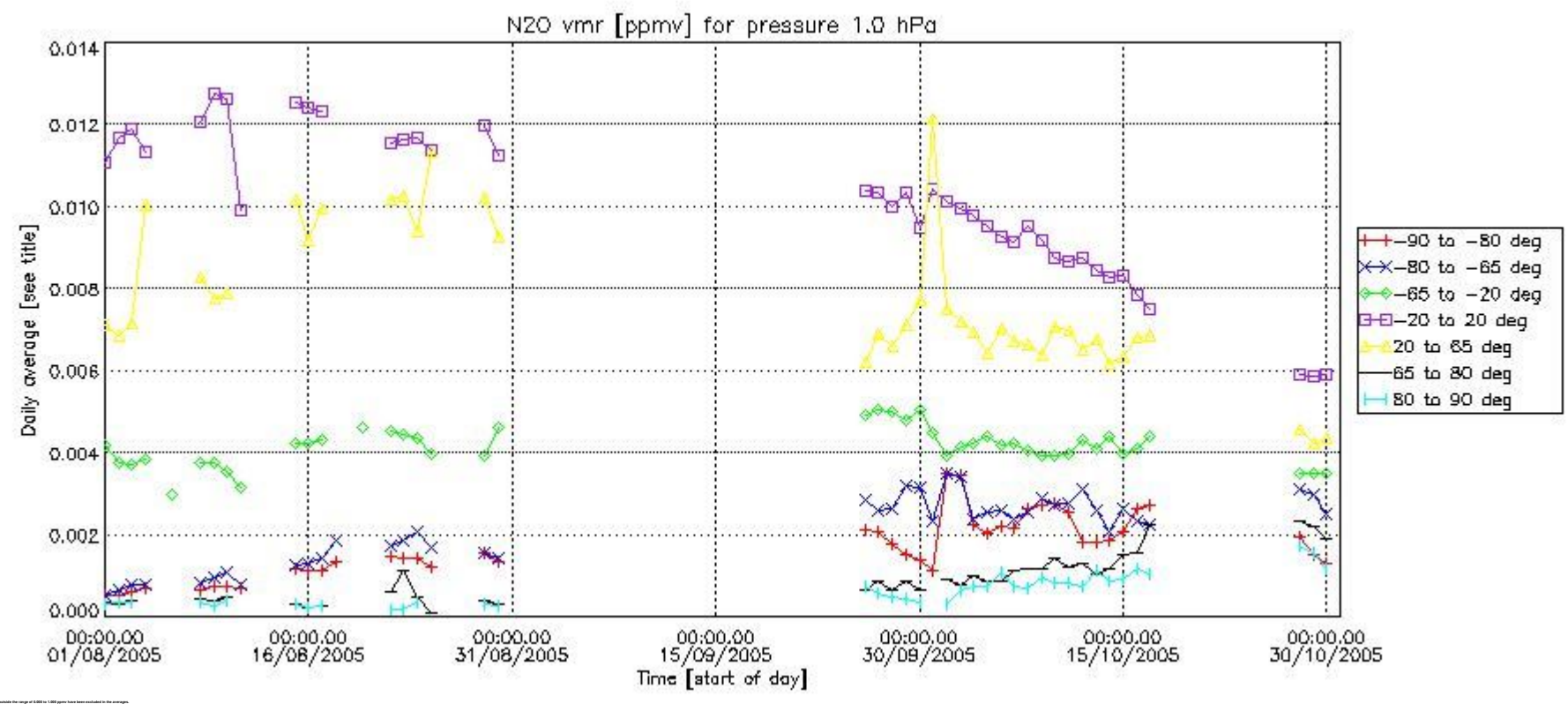
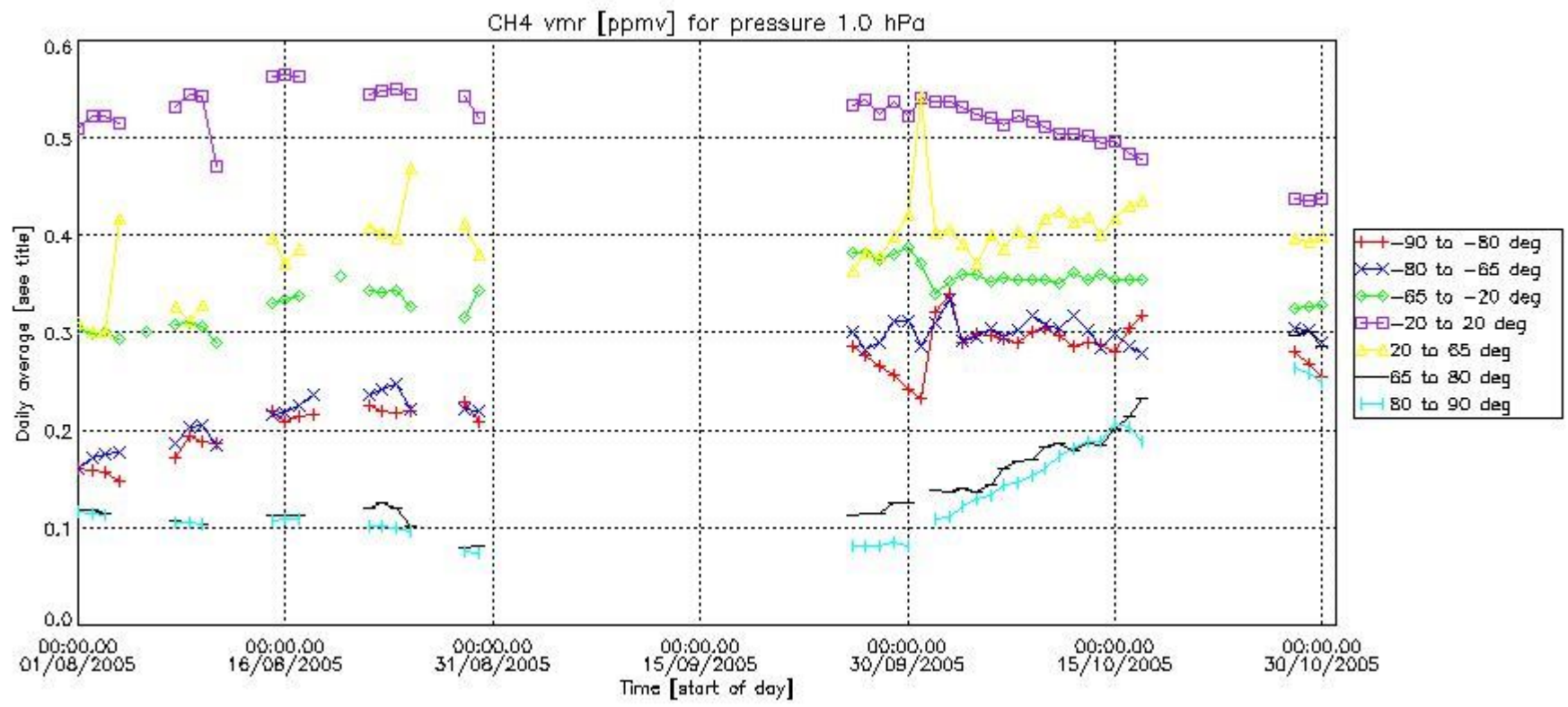


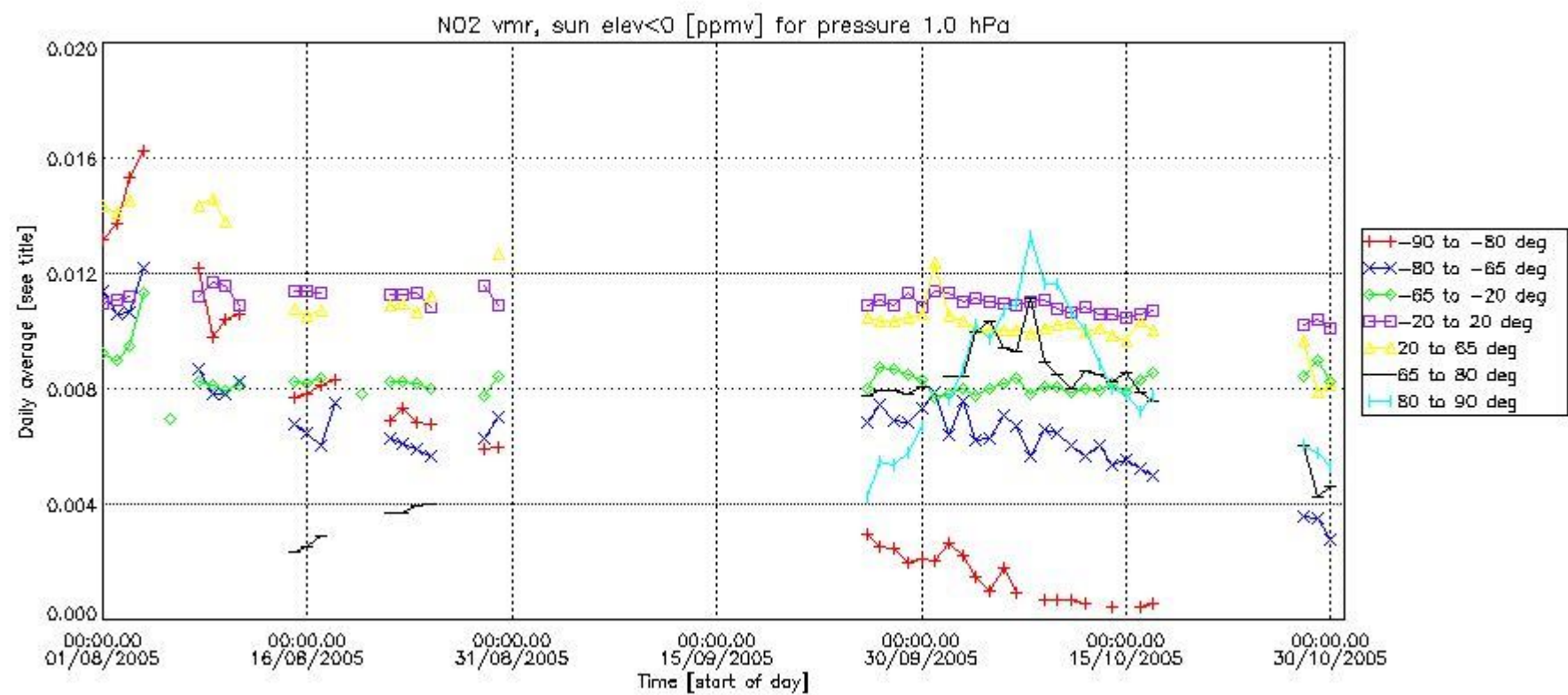
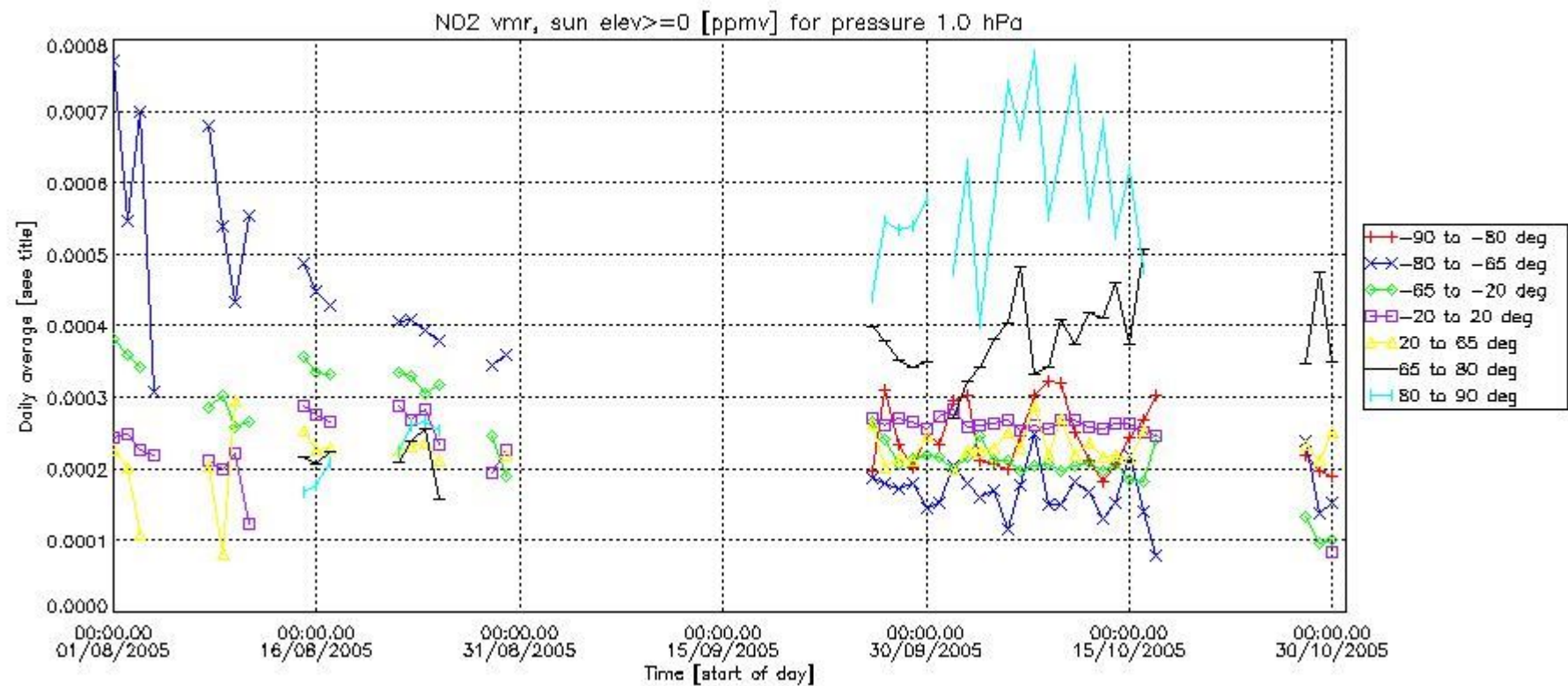




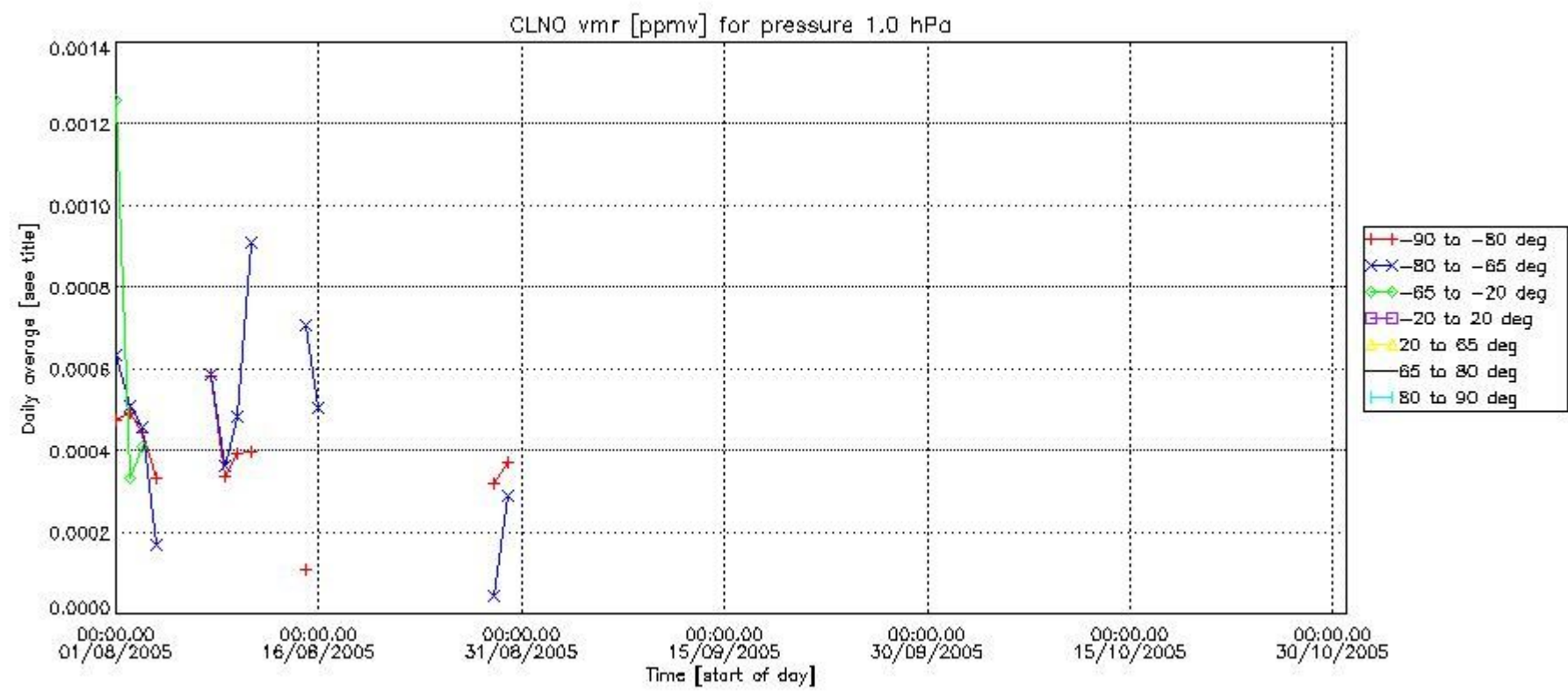
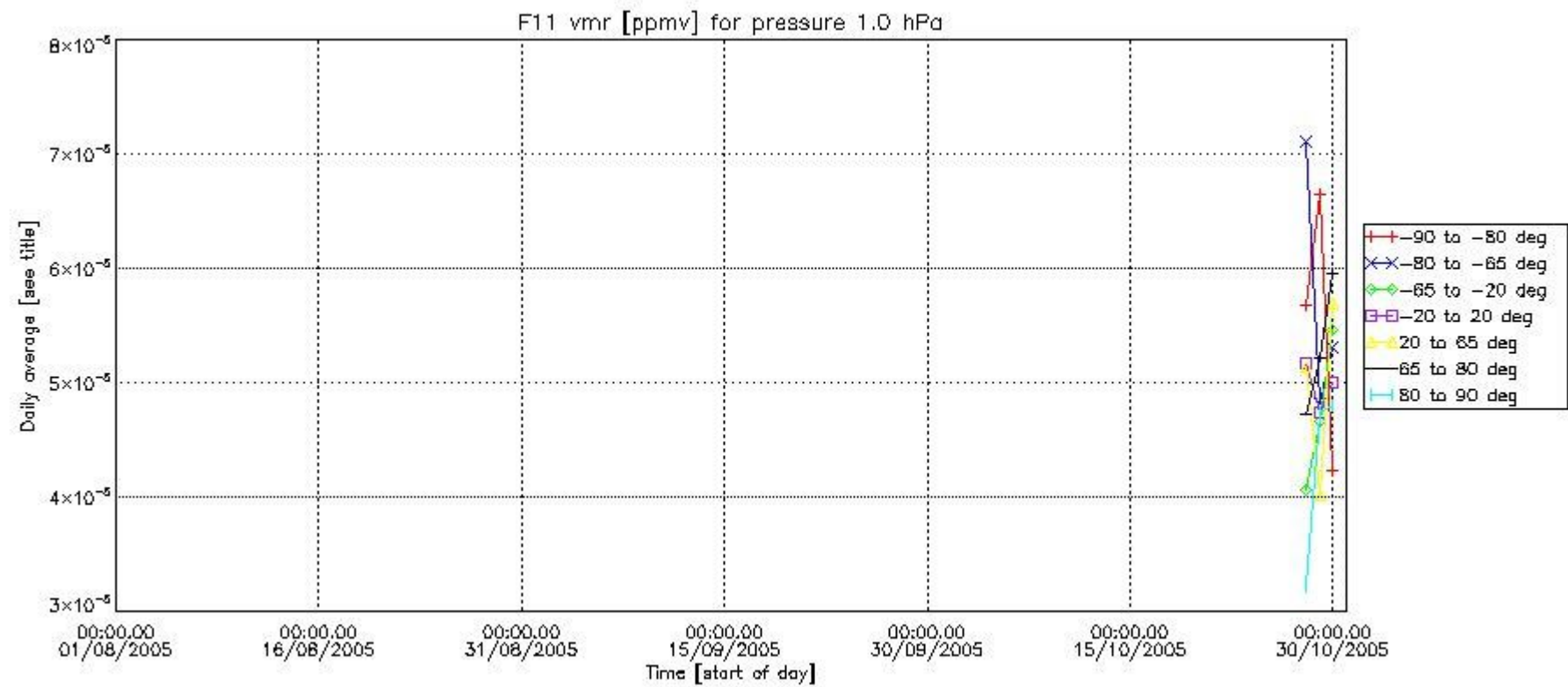


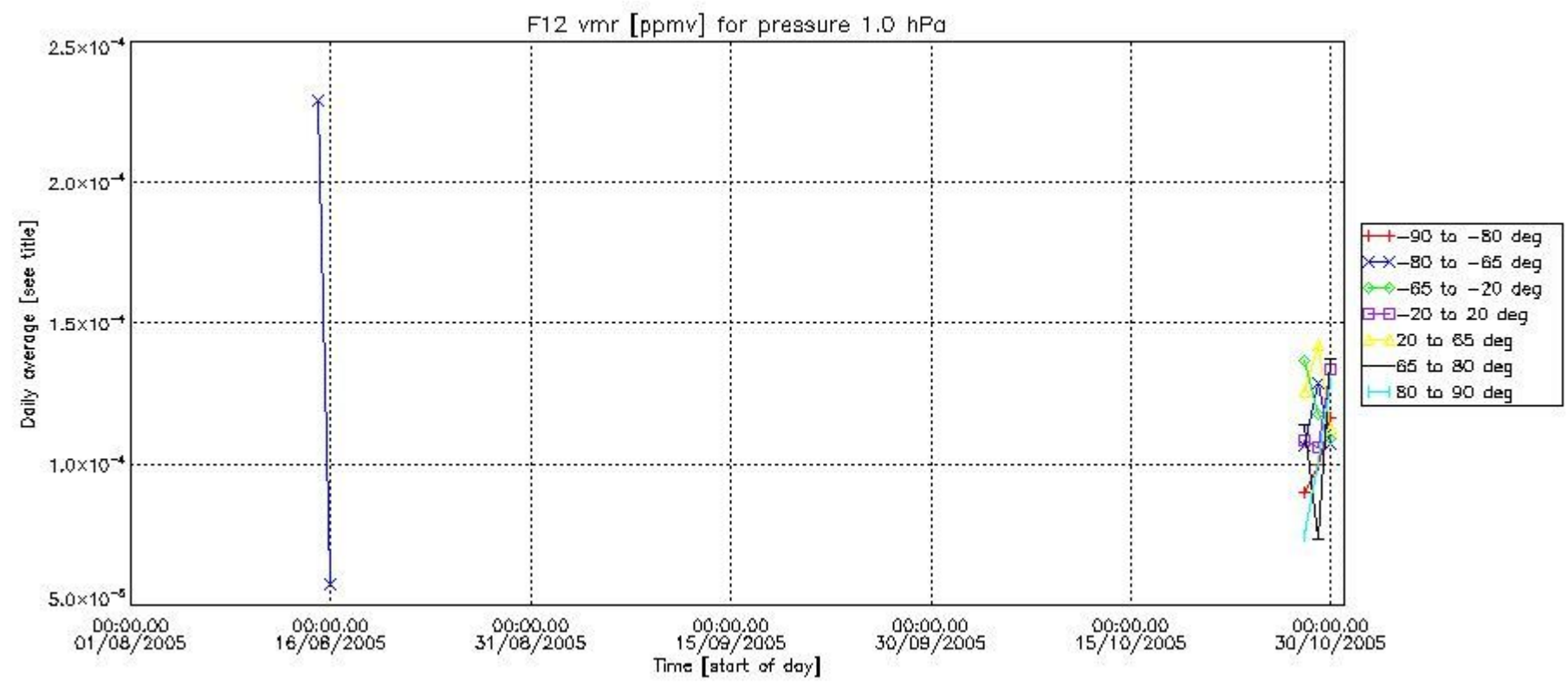
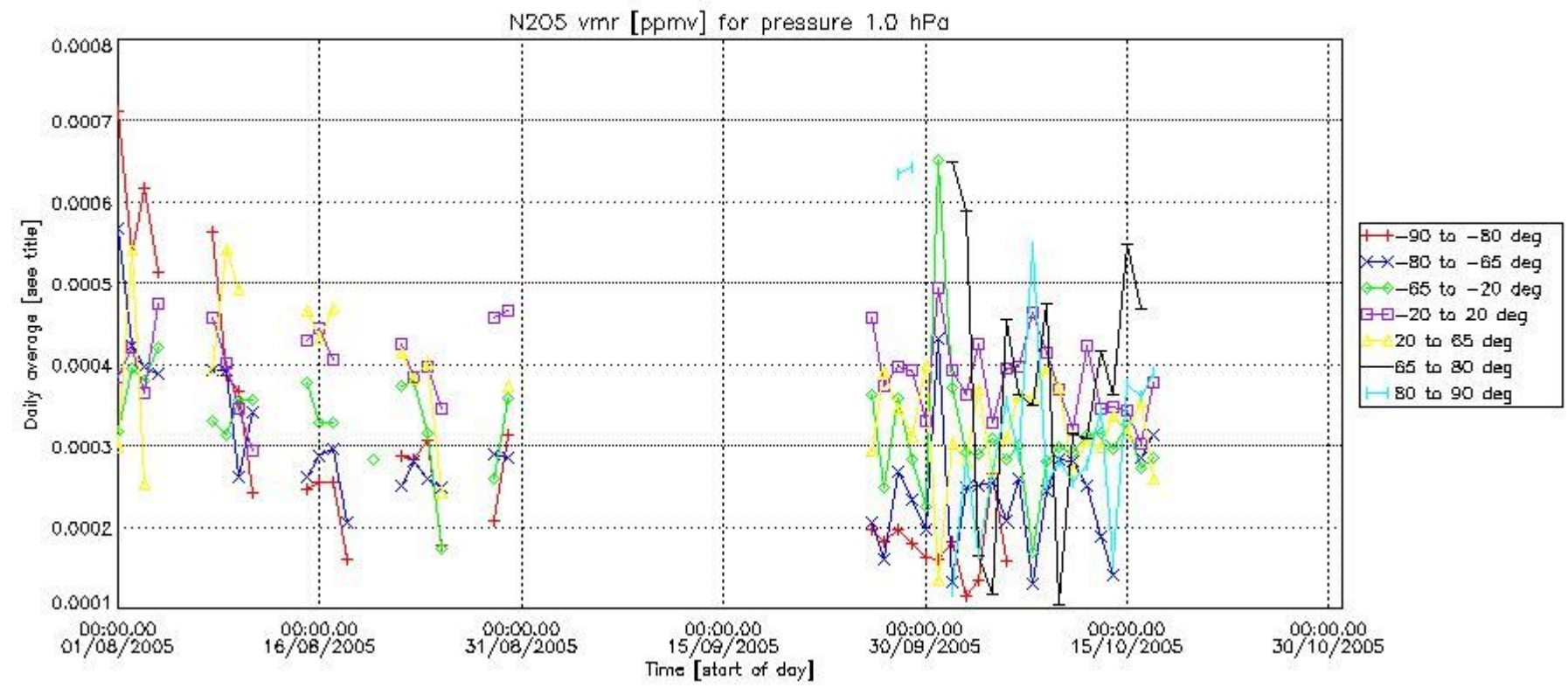


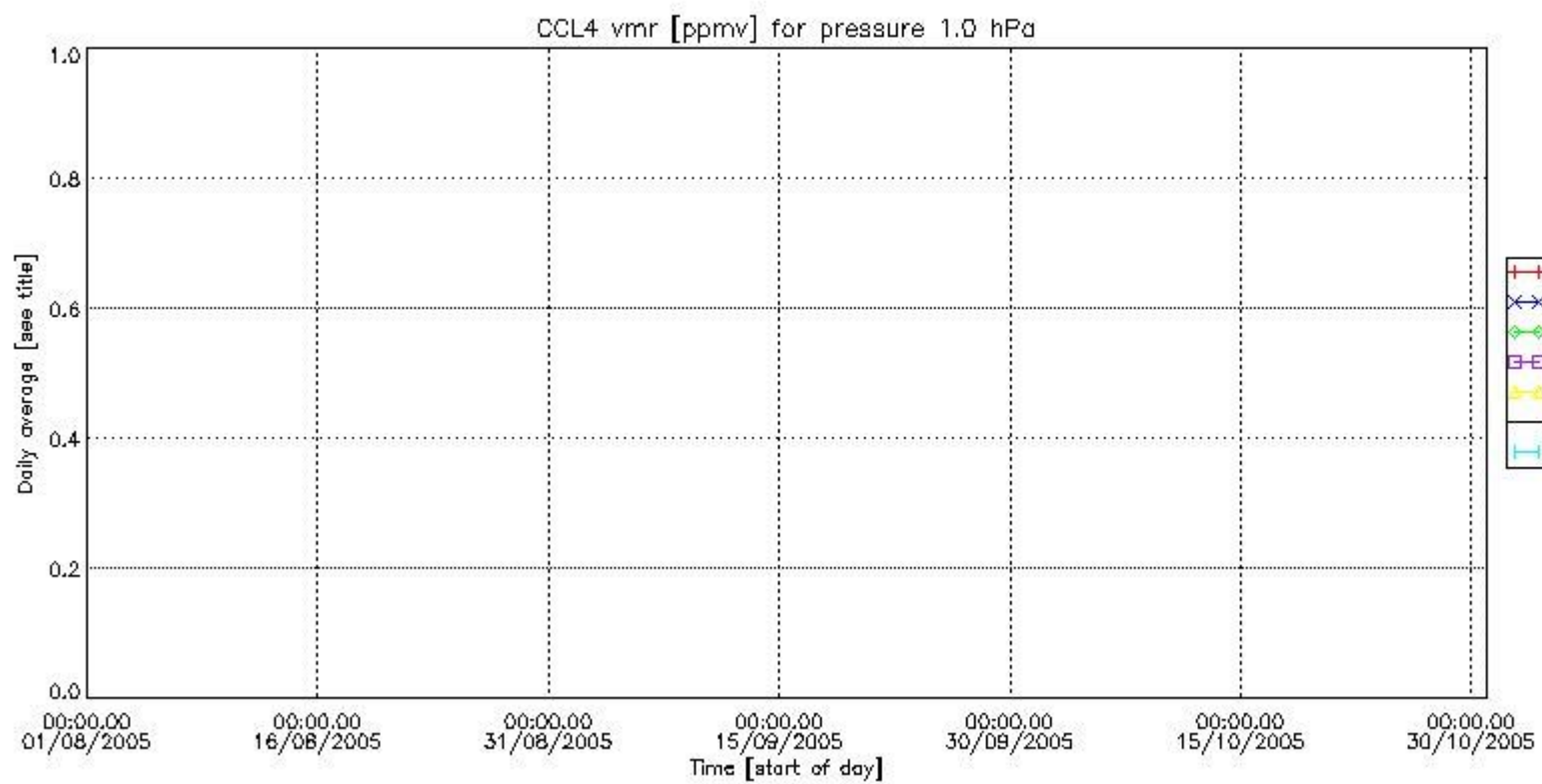
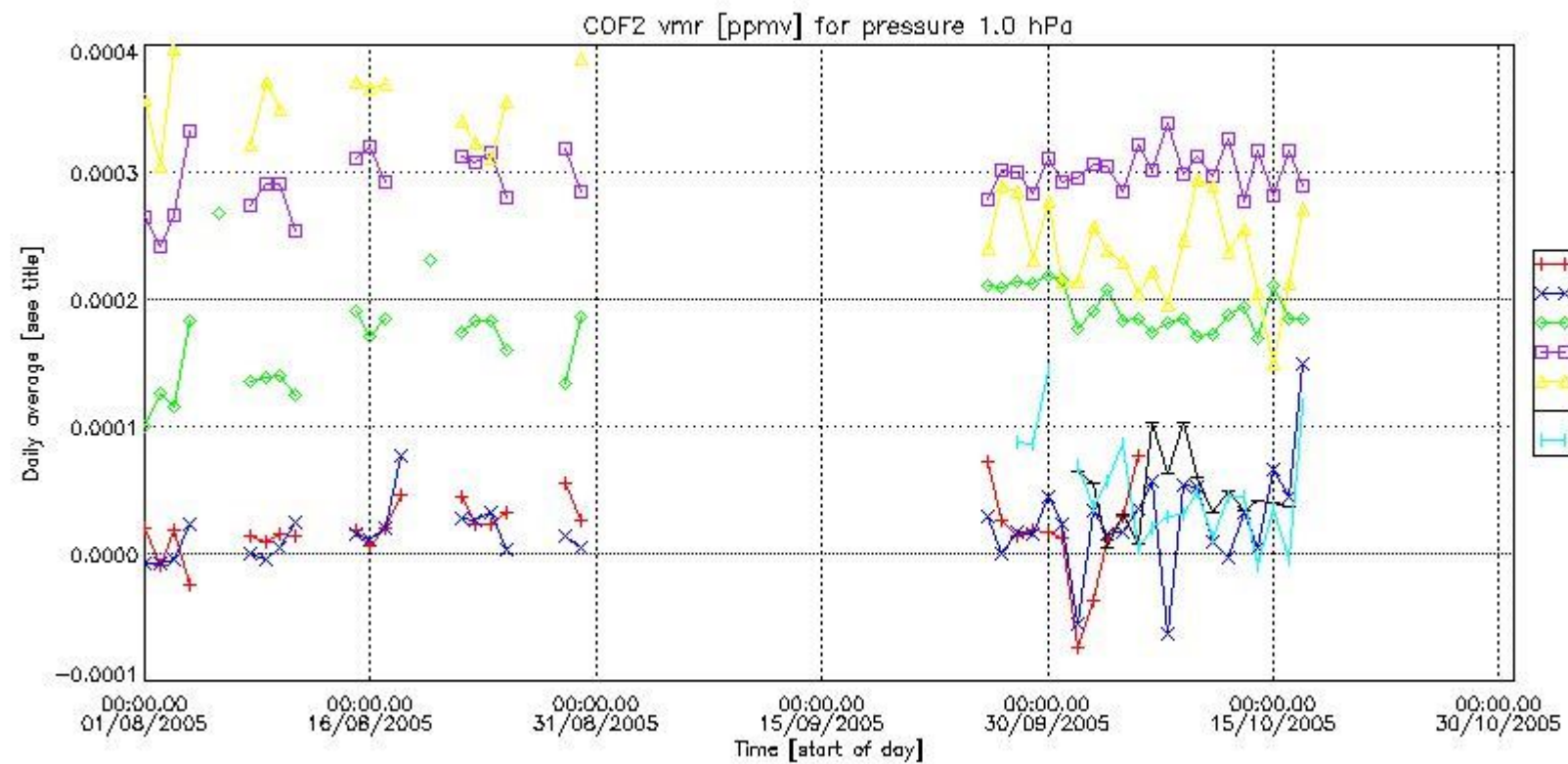


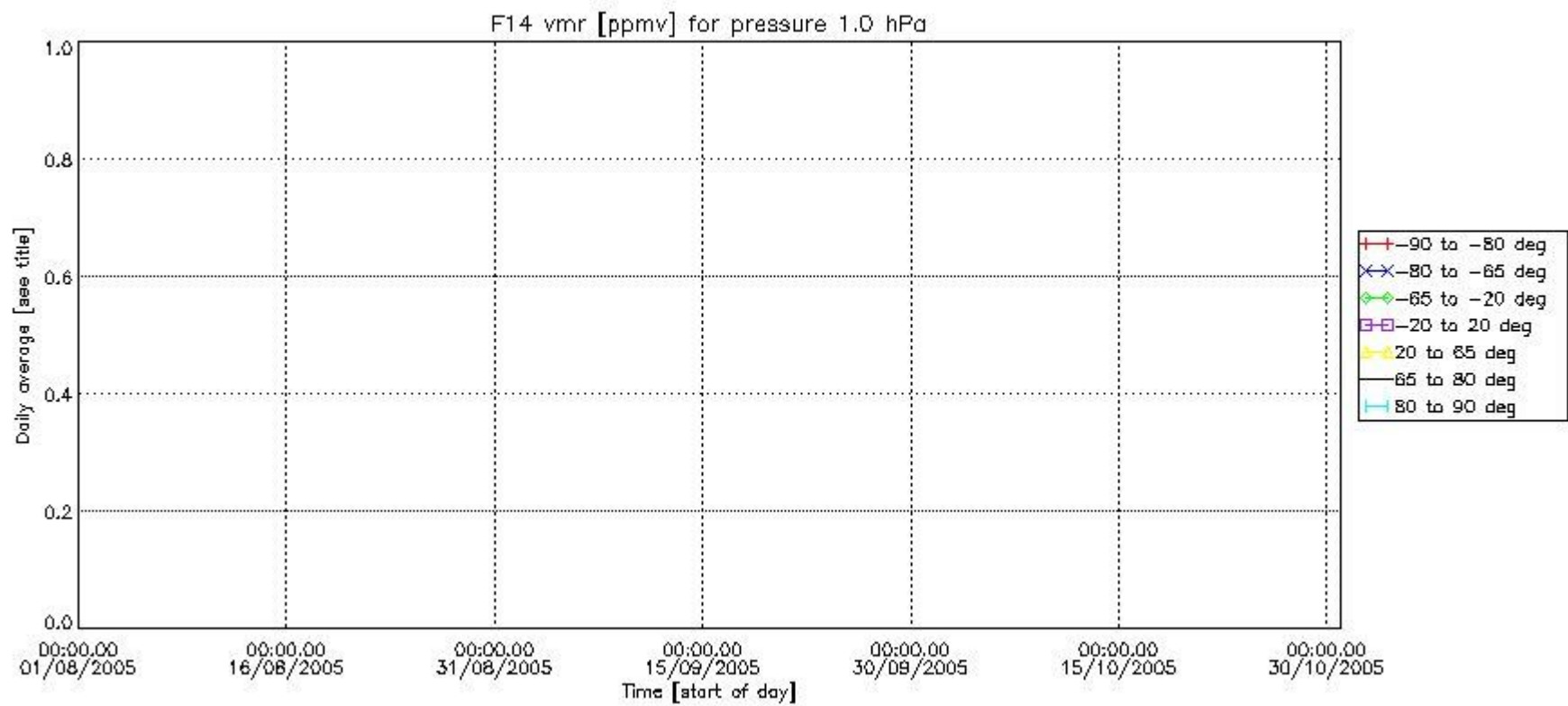
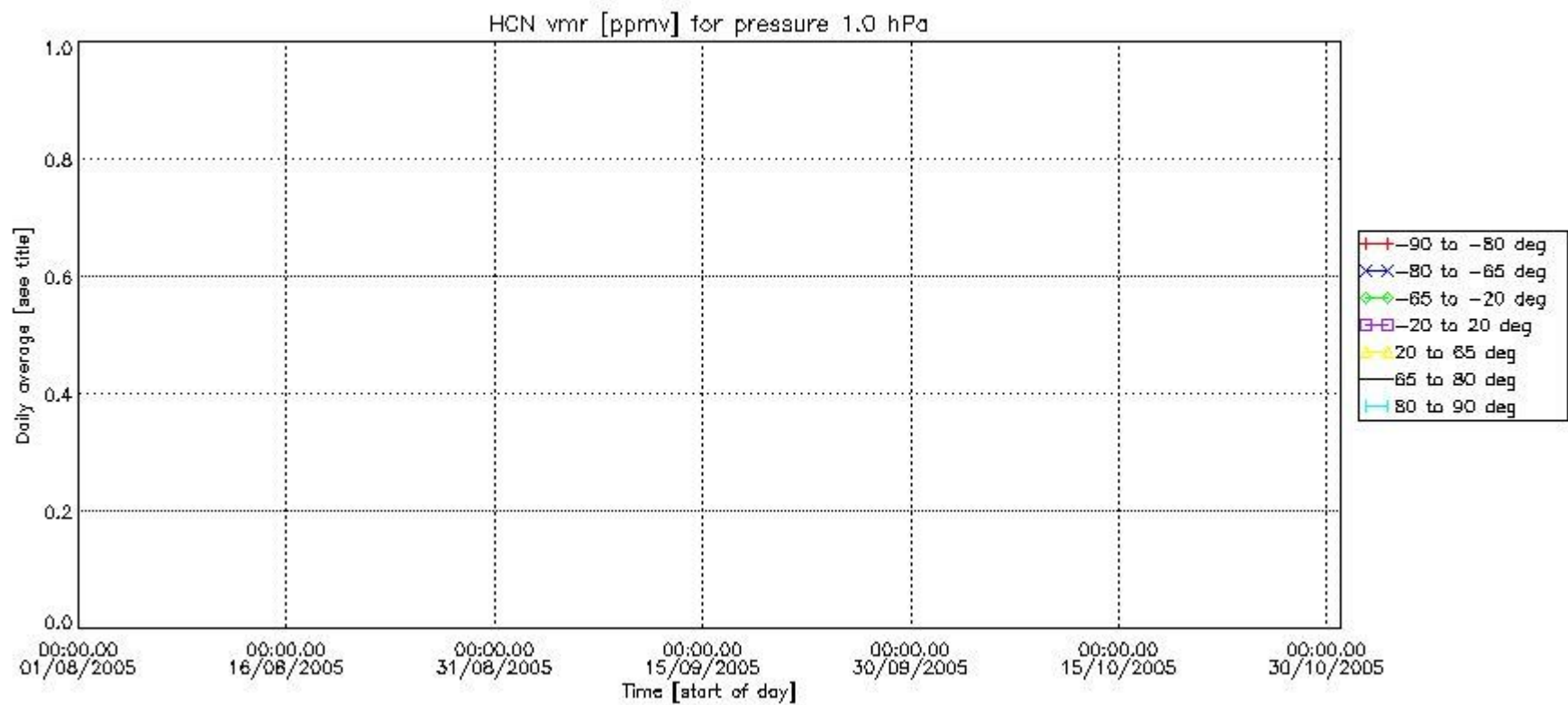


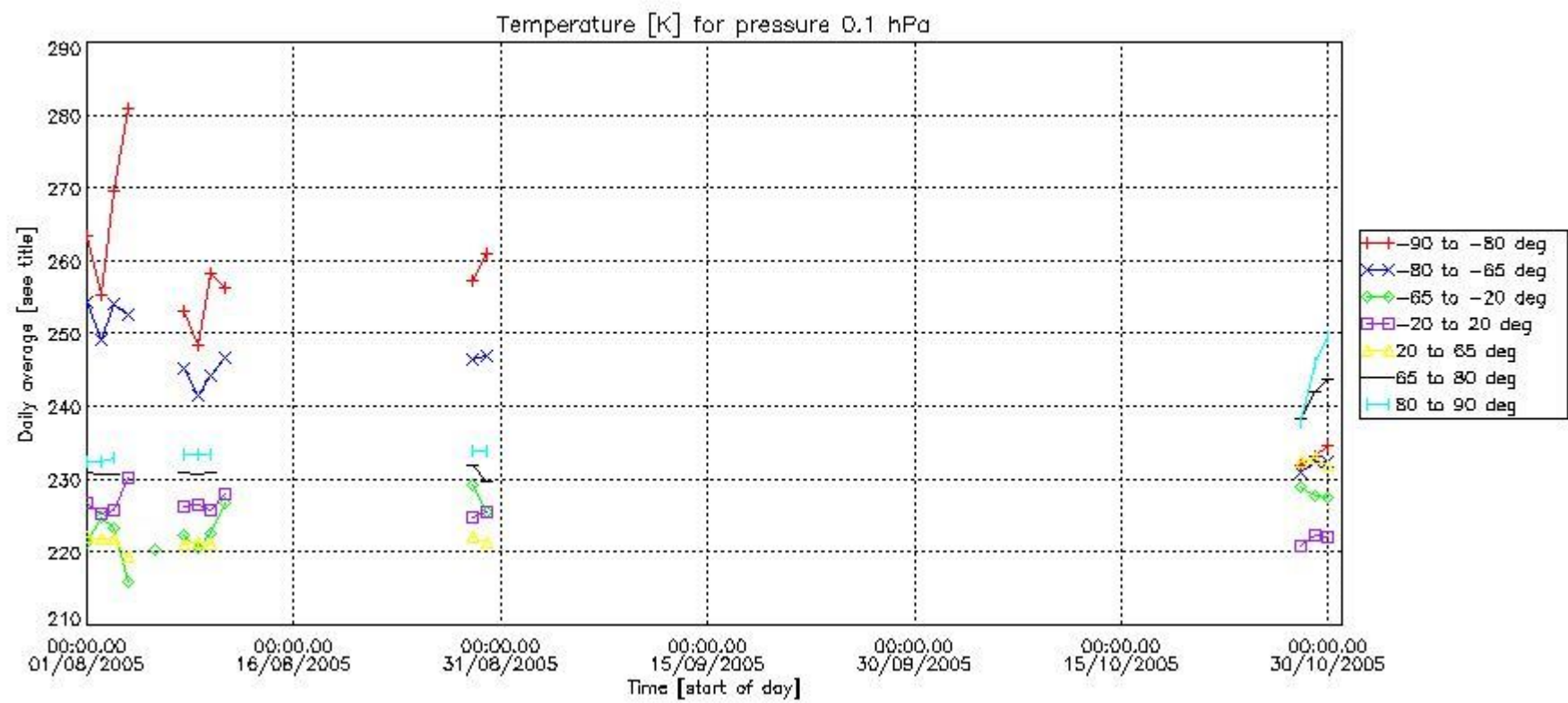
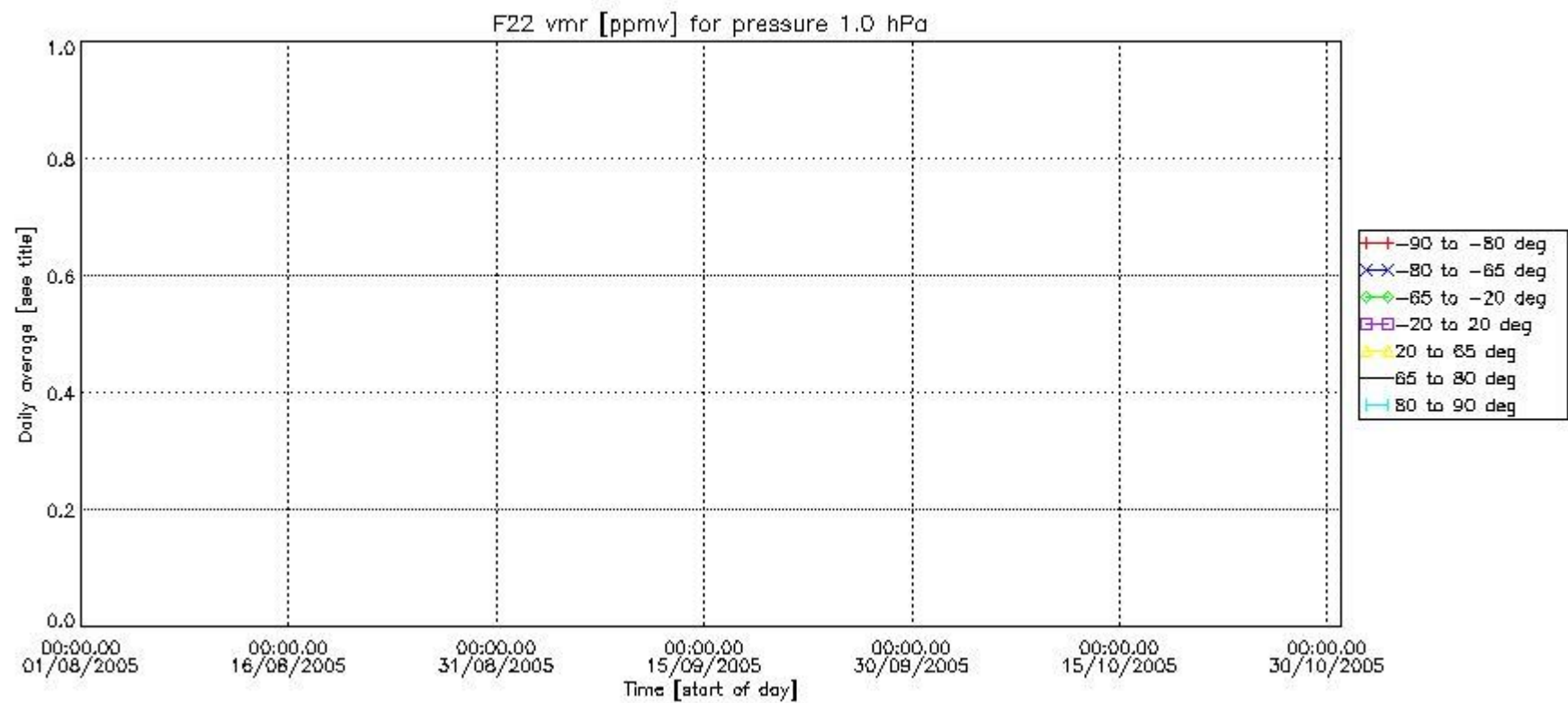


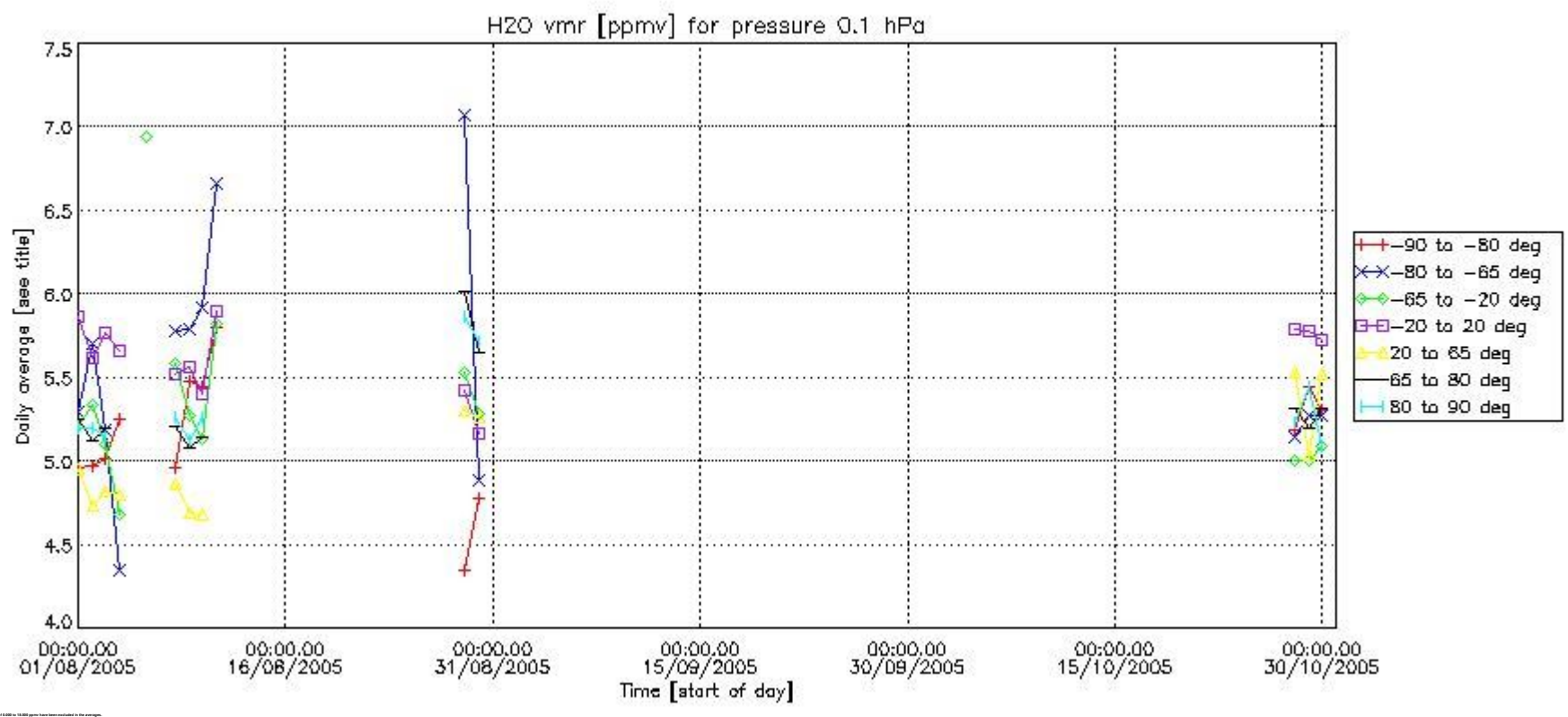
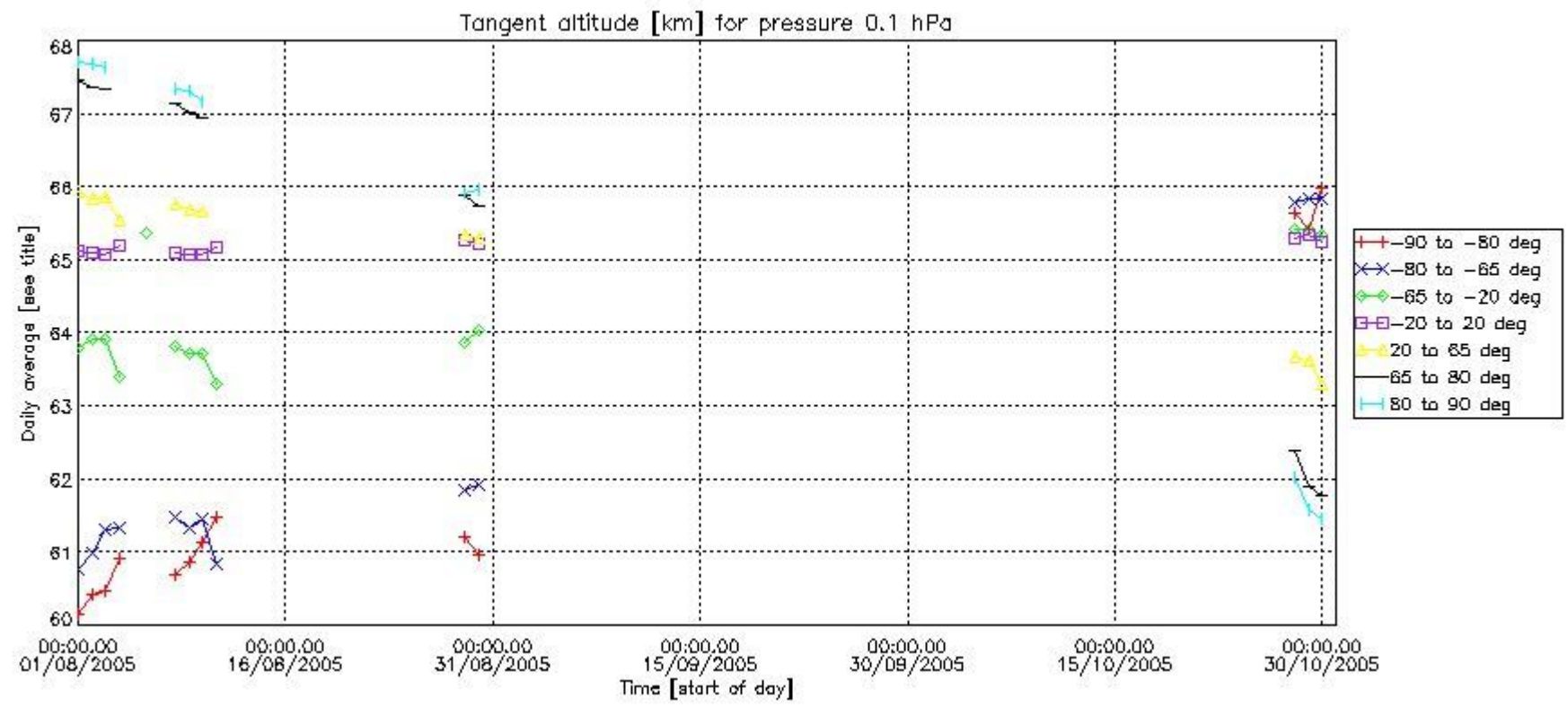


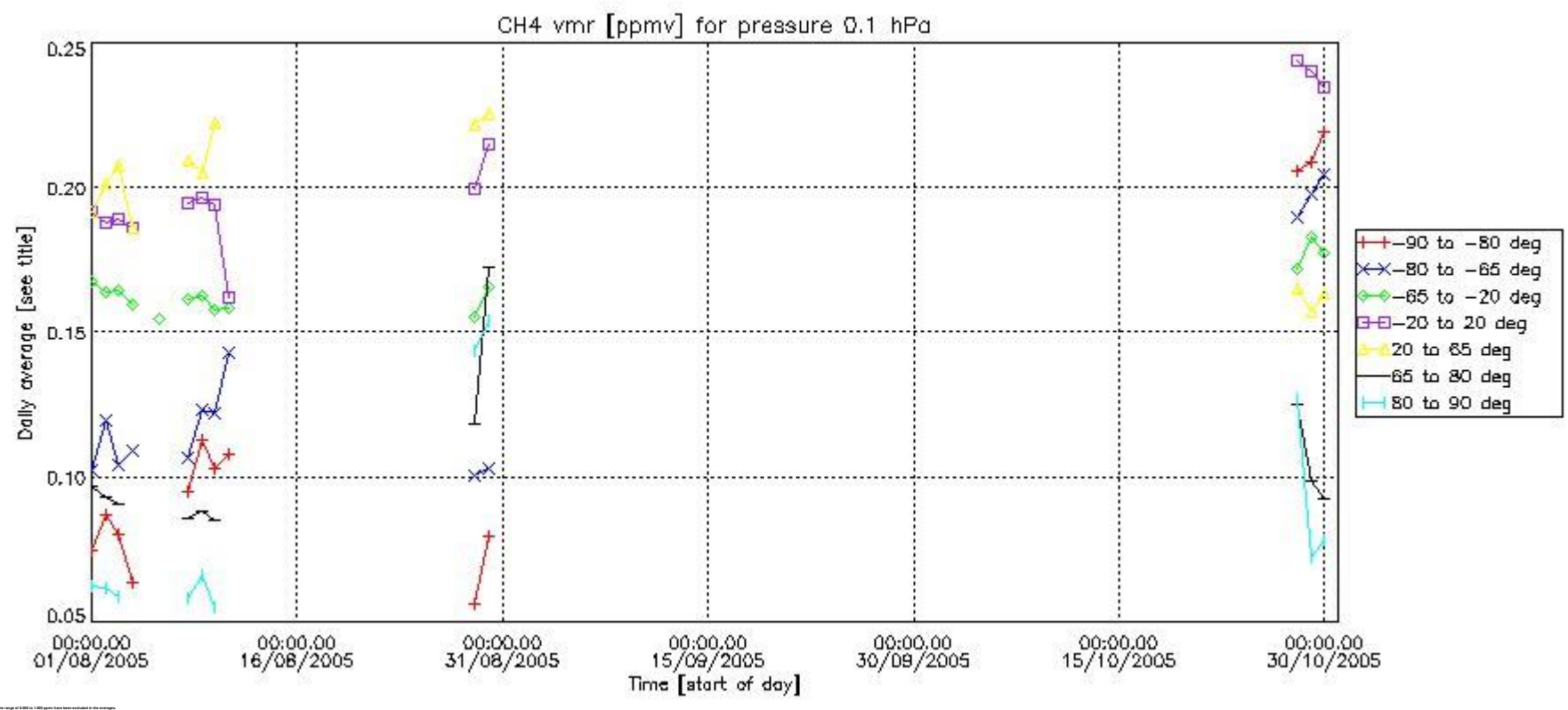
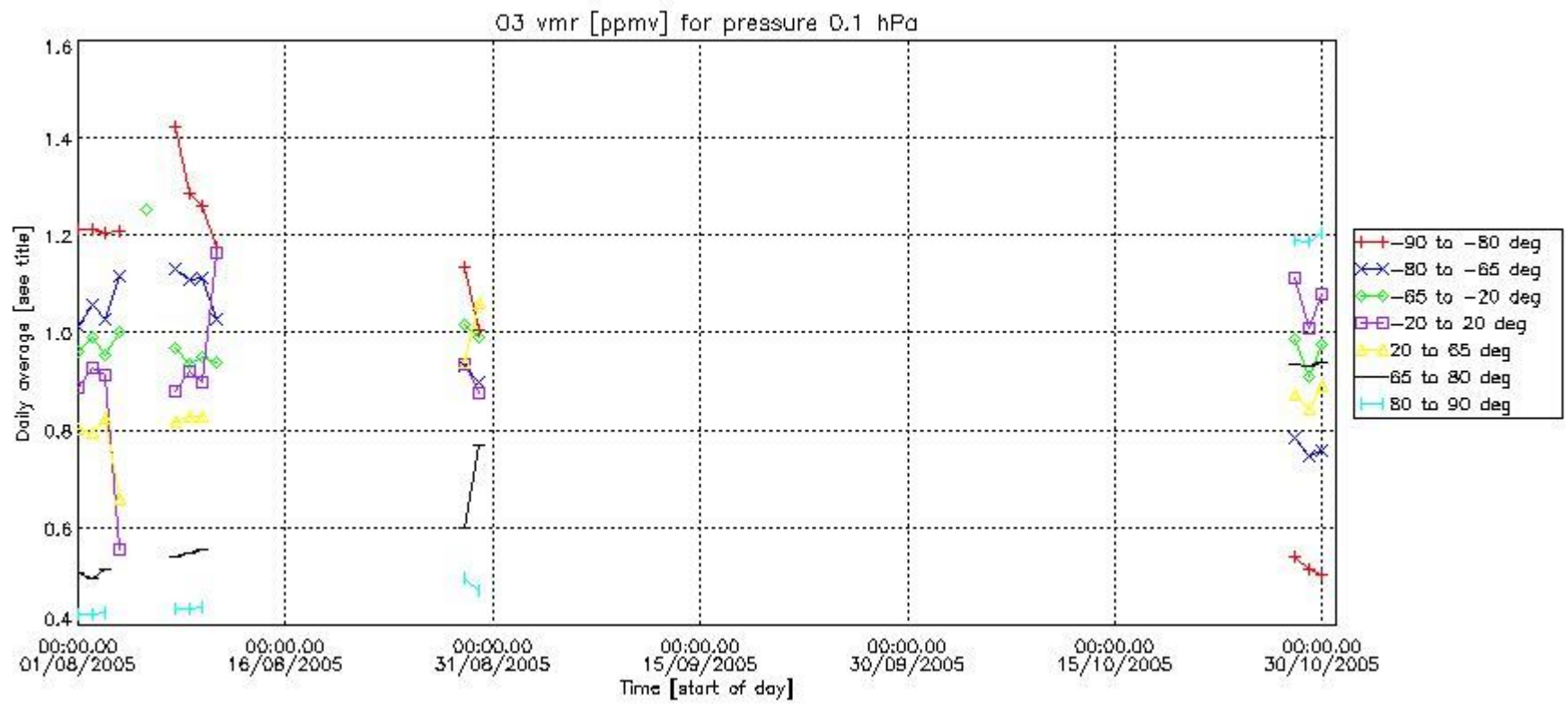


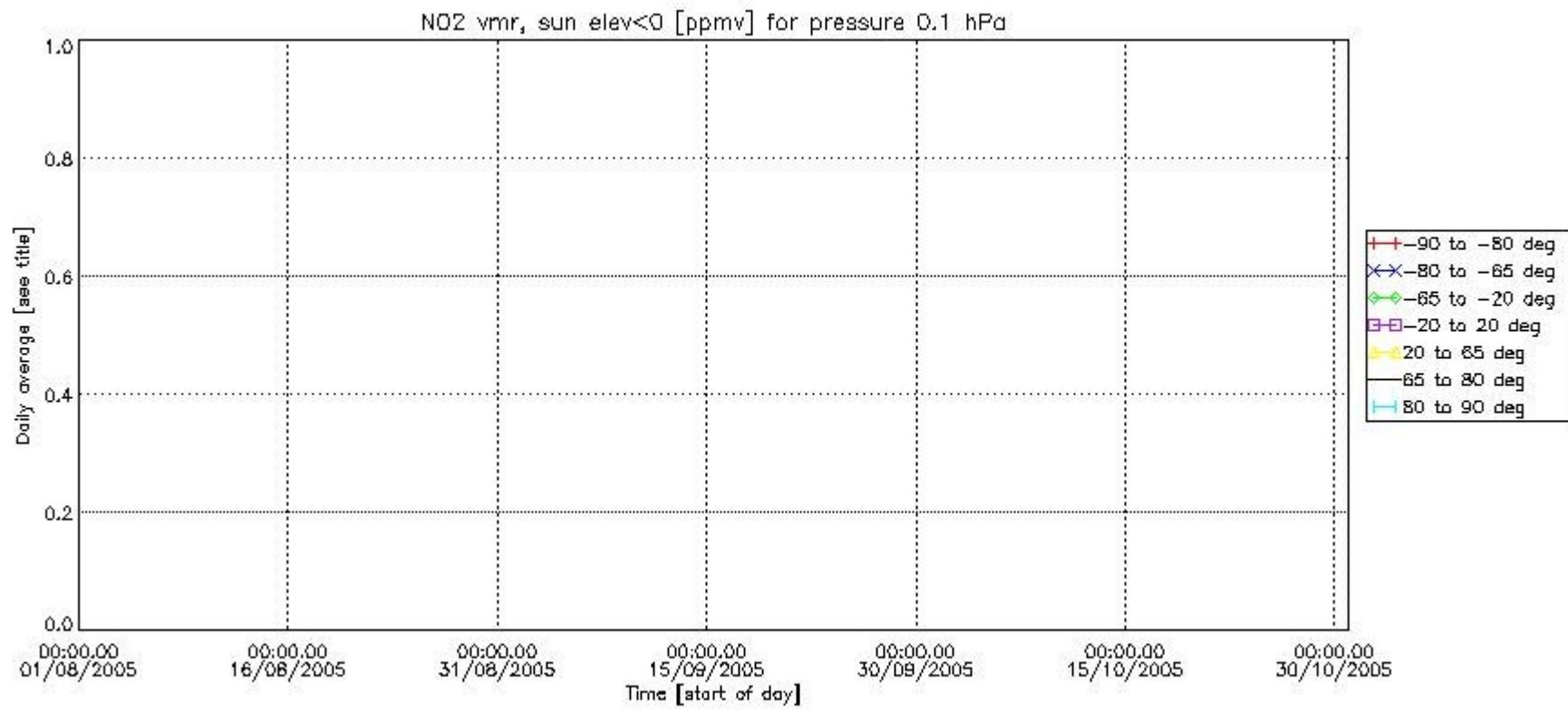
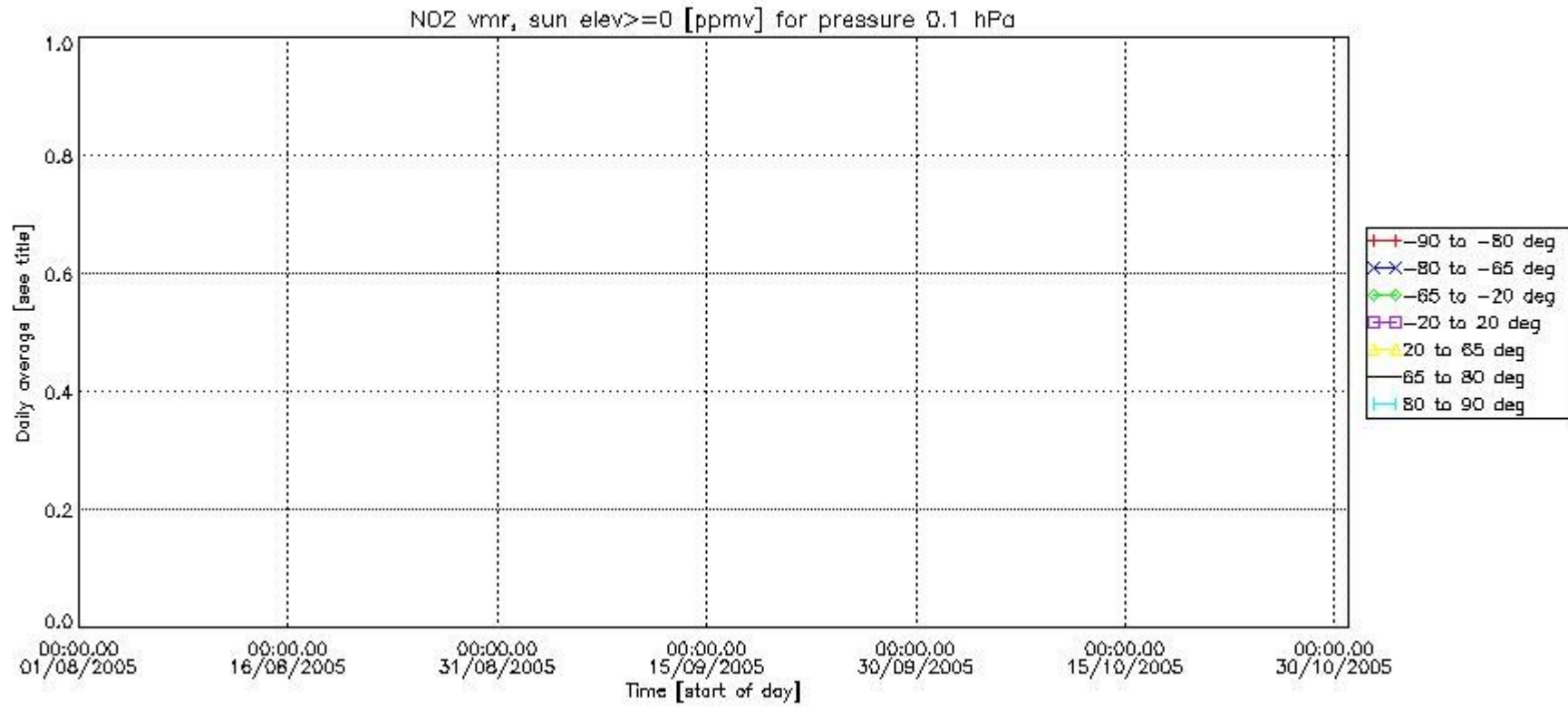




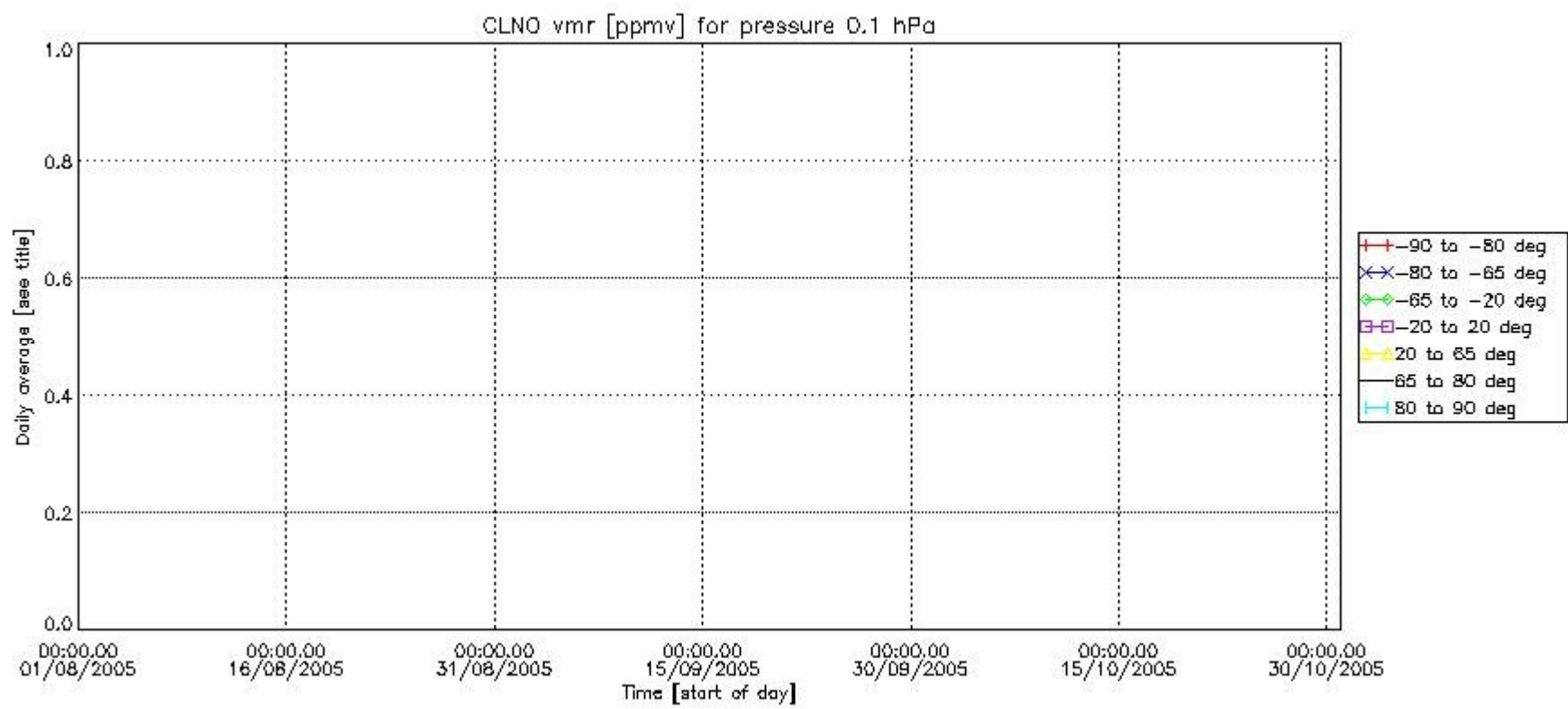
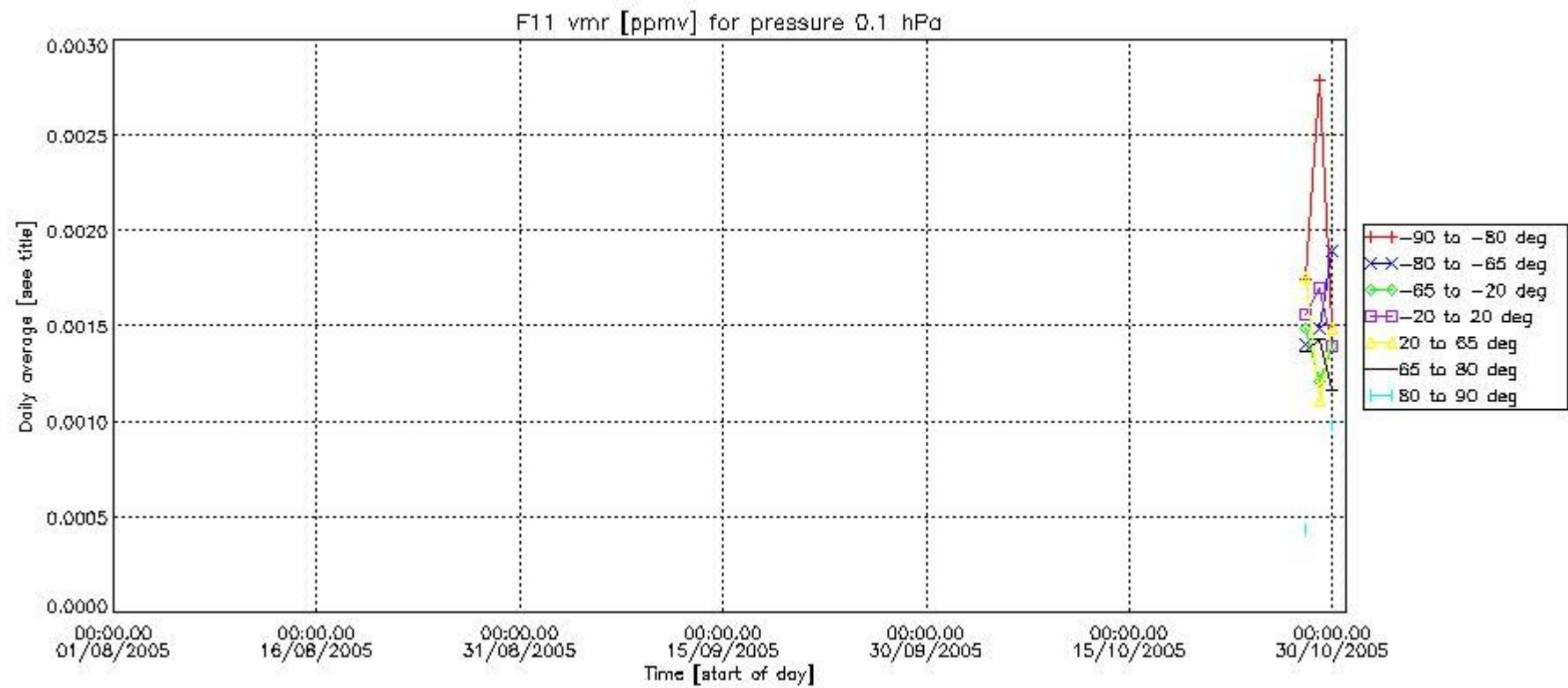


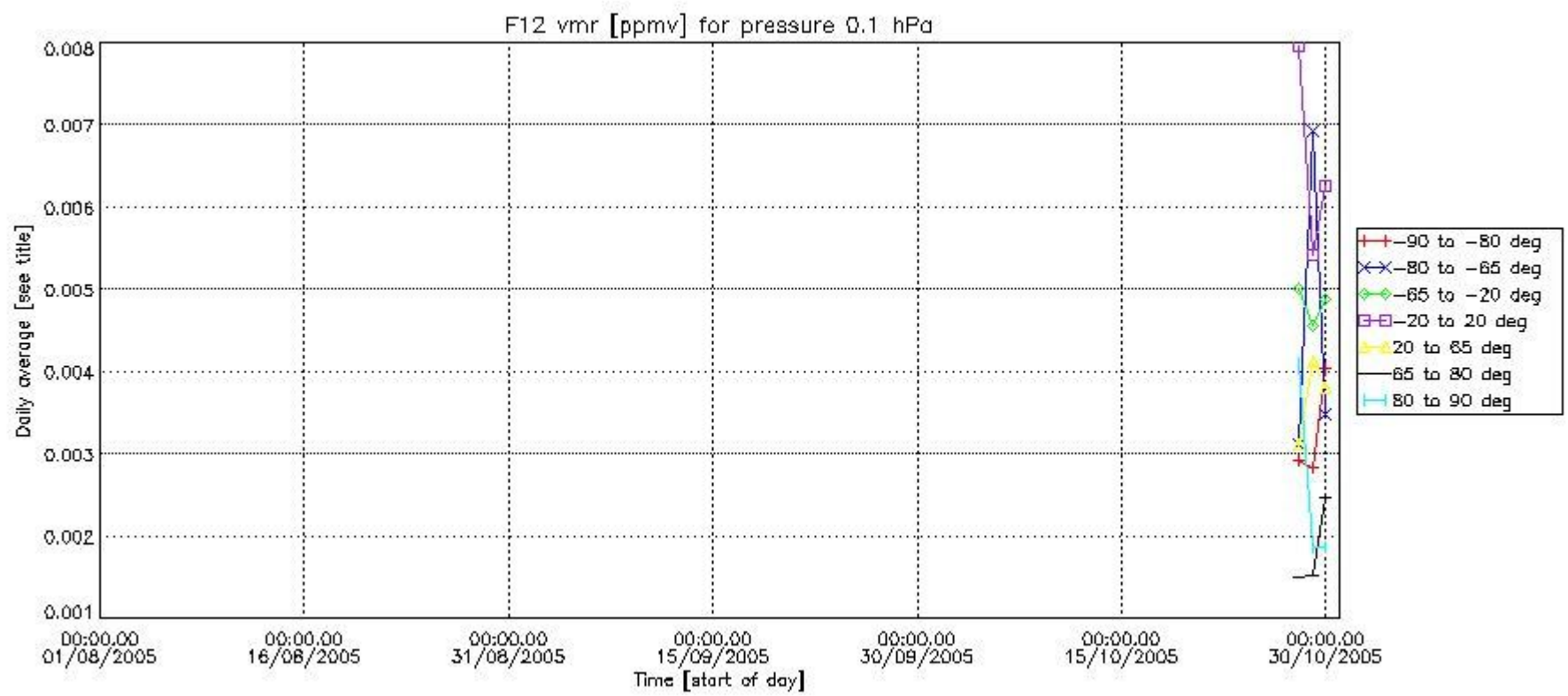
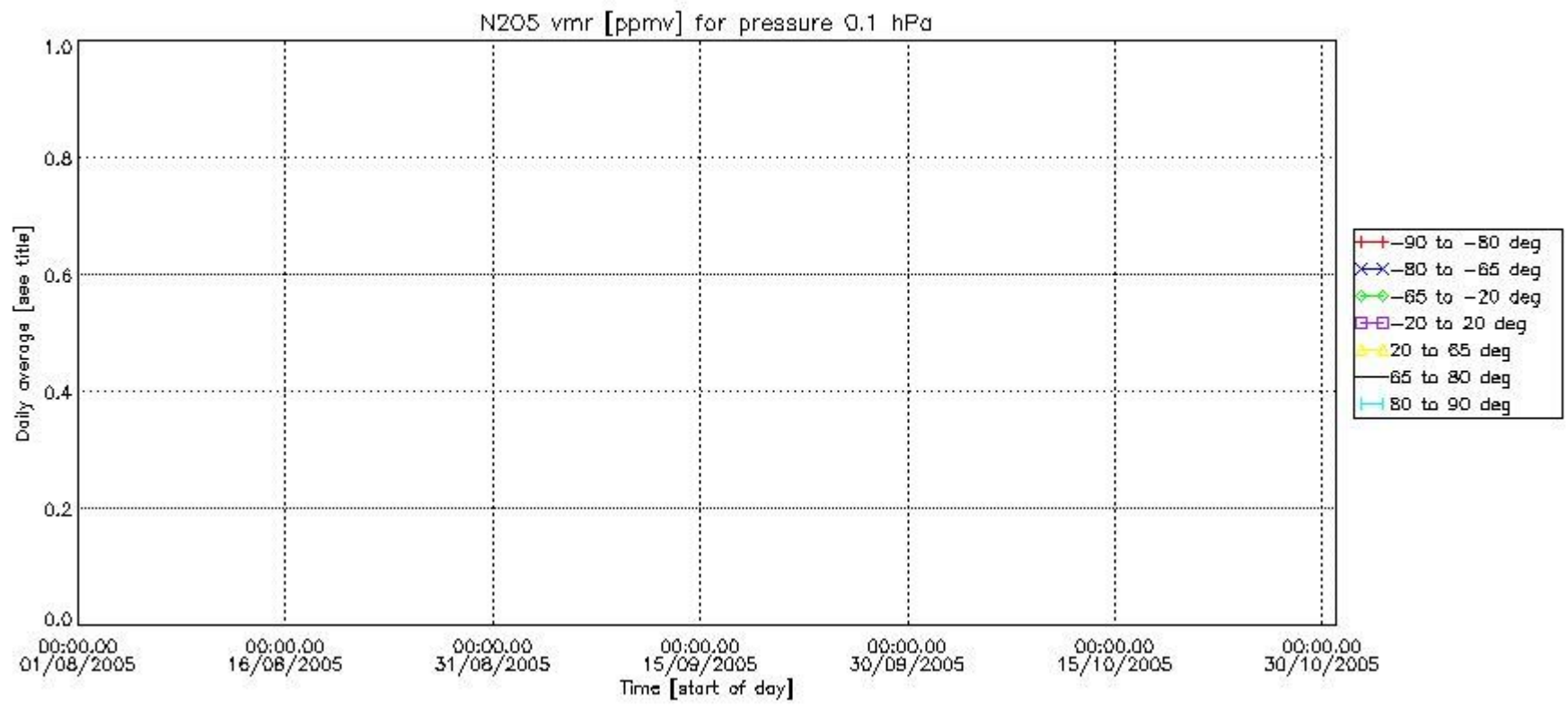


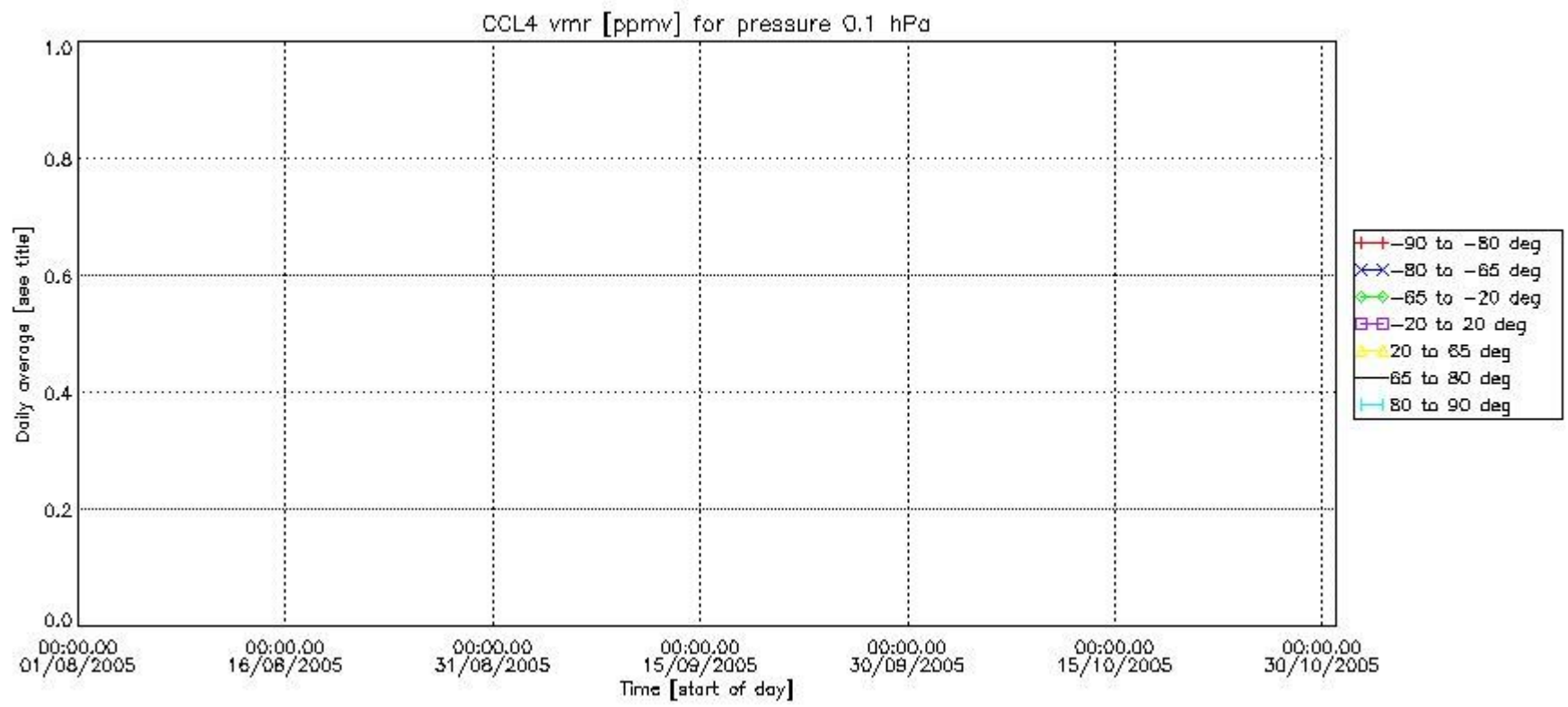
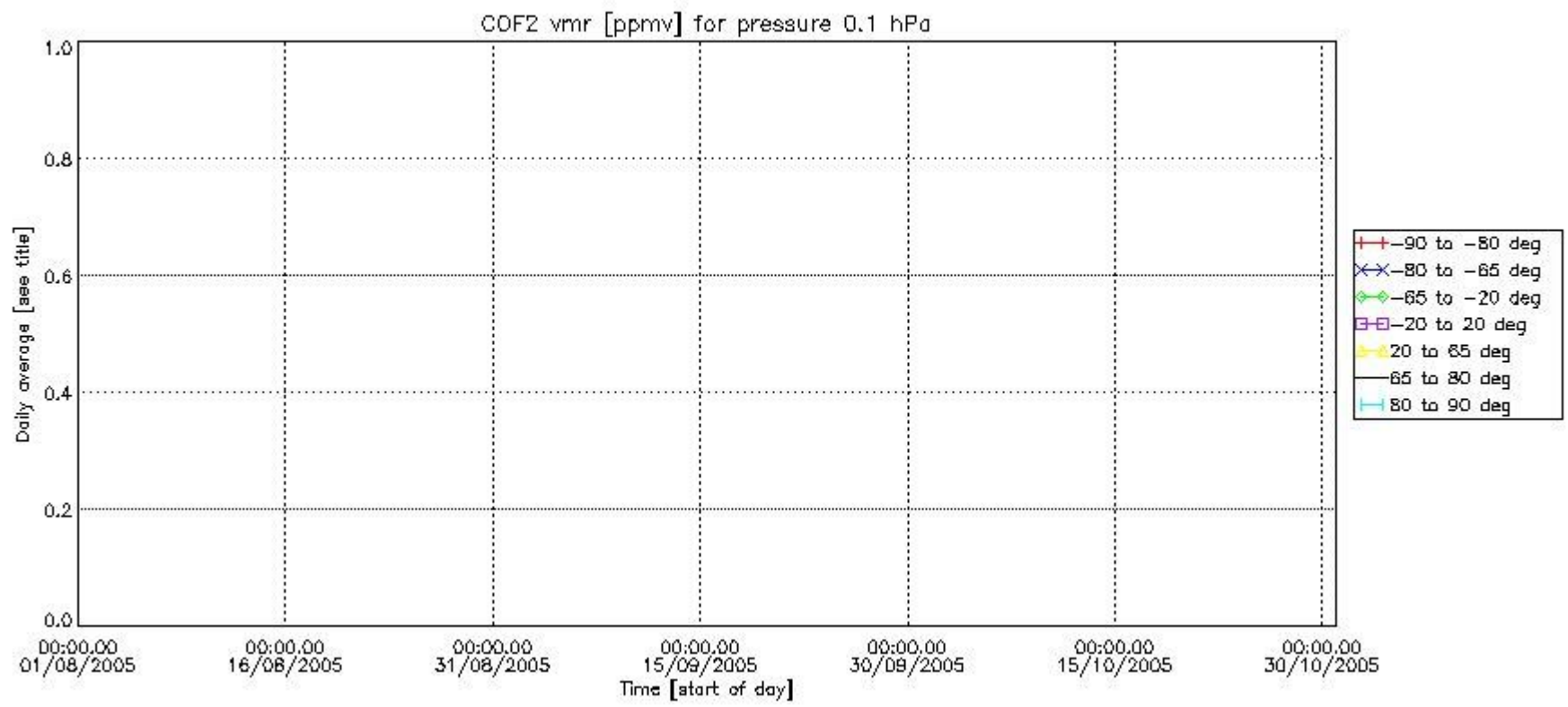


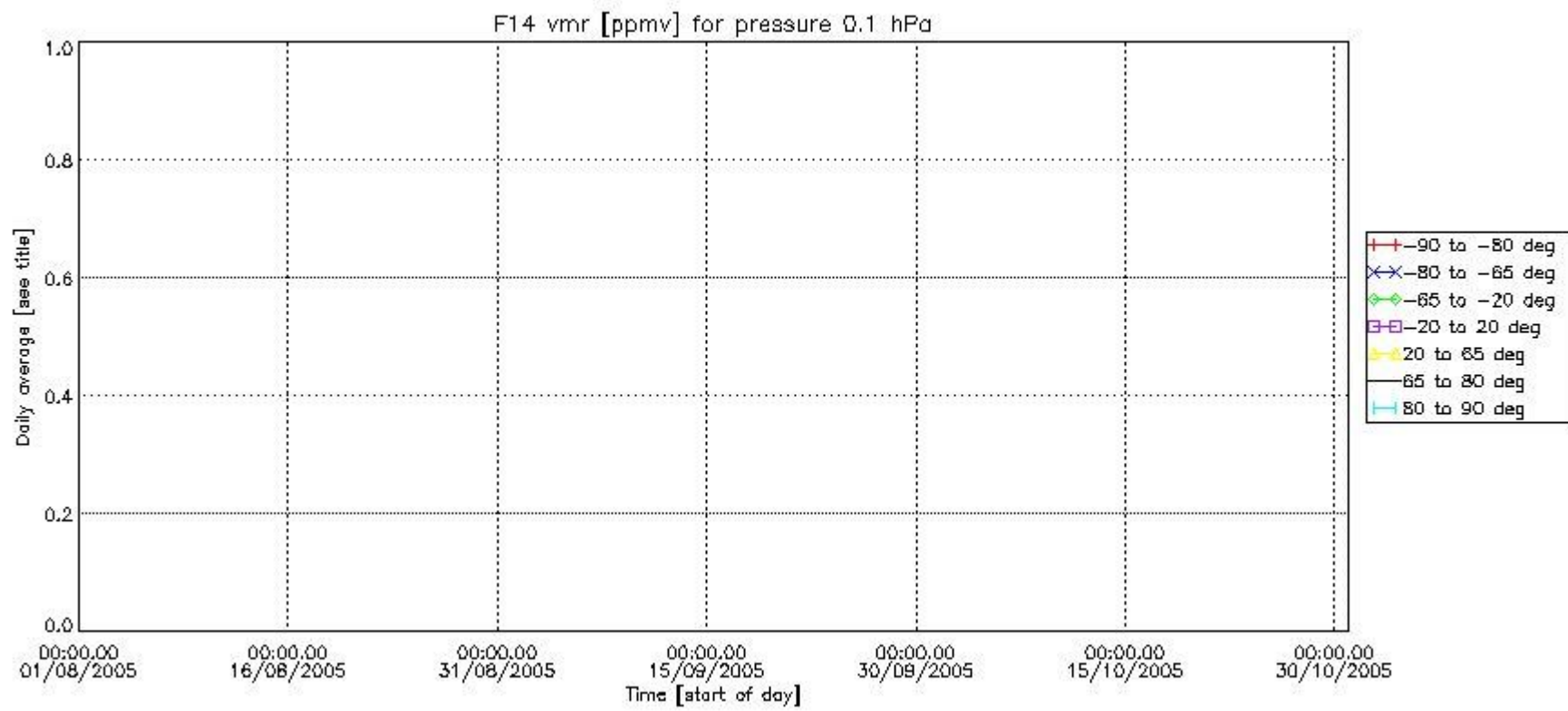
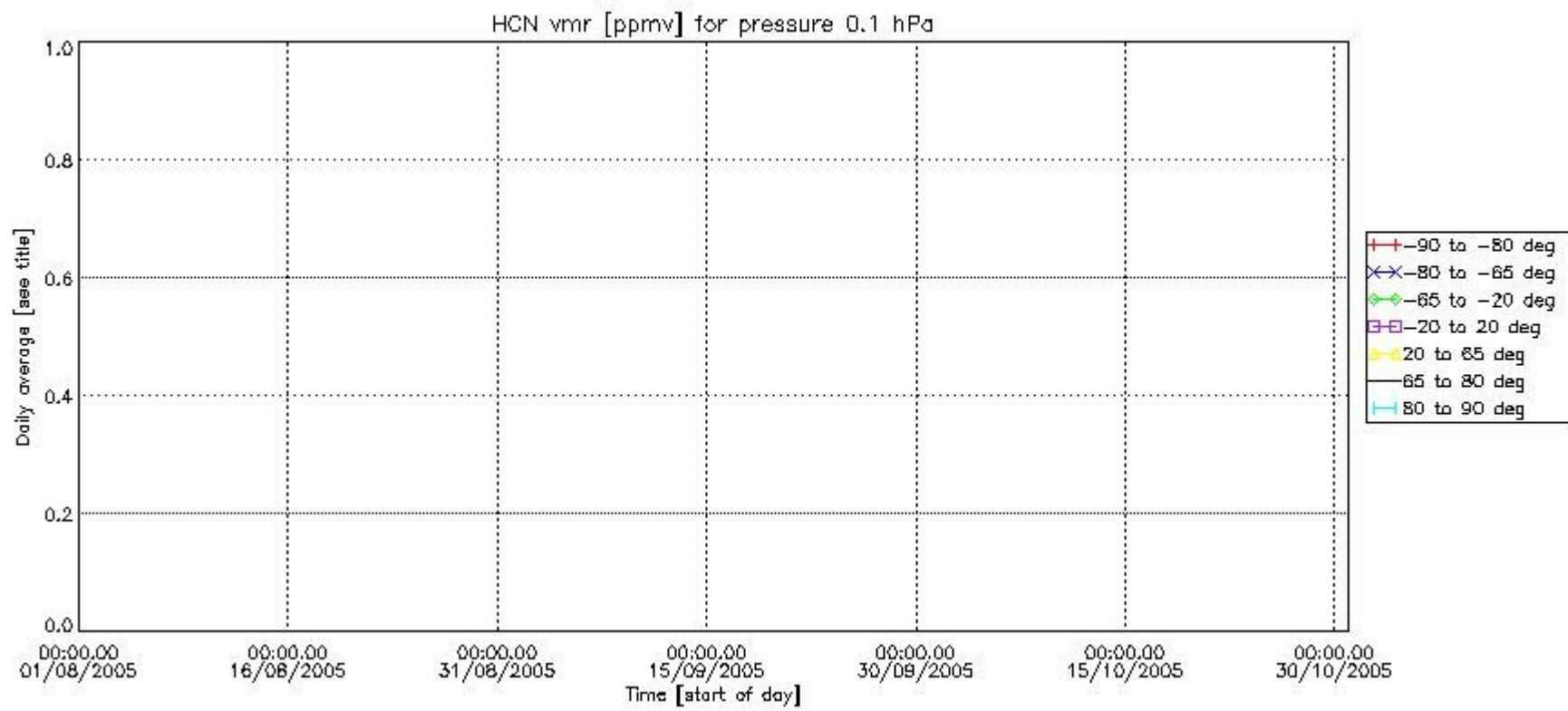


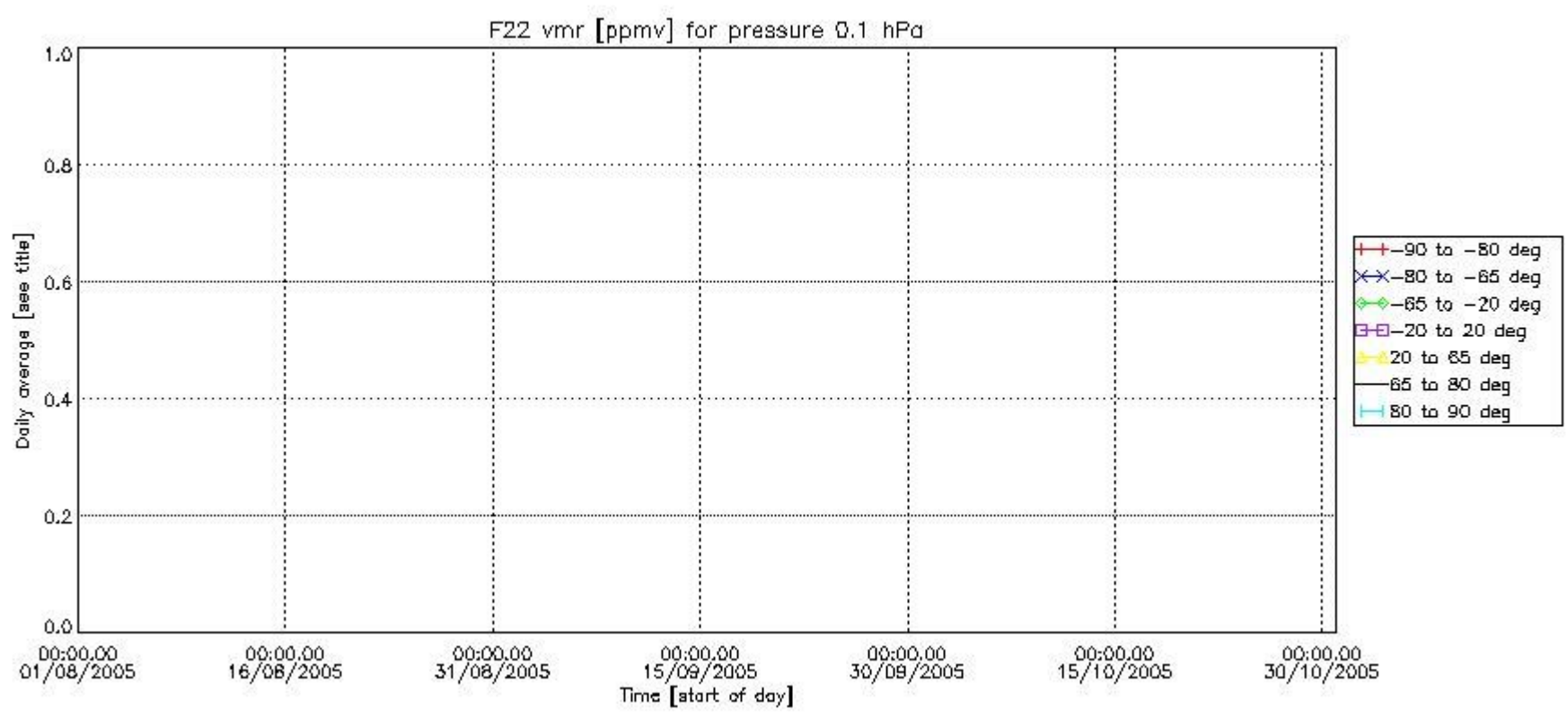












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

