

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20050207.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 08:34:42
Data source version	ML2PP/7.03-W
Processing scope for products	07FEB2005 00:00:00 to 08FEB2005 00:00:00
Start time of first product within scope	07FEB2005 06:55:07
Stop time of last product within scope	07FEB2005 16:29:20
Total number of level 2 products	7
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__2PWDSI20050207_065507_000023242034_00292_15376_1000.N1	07FEB2005 06:55:07	07FEB2005 07:33:50	0	37/37	
1	MIP_NL__2PWDSI20050207_073457_000060612034_00293_15377_1000.N1	07FEB2005 07:34:57	07FEB2005 09:15:58	0	86/86	
2	MIP_NL__2PWDSI20050207_091605_000060172034_00294_15378_1000.N1	07FEB2005 09:16:05	07FEB2005 10:56:21	0	86/86	<b>VMR_TERM_MACRO_MICRO[N2O5/micro:1]</b>
3	MIP_NL__2PWDSI20050207_105628_000060062034_00295_15379_1000.N1	07FEB2005 10:56:28	07FEB2005 12:36:34	0	69/69	<b>VMR_TERM_MACRO_MICRO[F14/macro:1; N2O5/micro:1]</b>
4	MIP_NL__2PWDSI20050207_123640_000060702034_00296_15380_1000.N1	07FEB2005 12:36:40	07FEB2005 14:17:50	0	83/83	<b>VMR_TERM_MACRO_MICRO[O3/micro:1; HCN/micro:1]</b>
5	MIP_NL__2PWDSI20050207_141757_000059952034_00297_15381_1000.N1	07FEB2005 14:17:57	07FEB2005 15:57:51	0	90/90	<b>VMR_TERM_MACRO_MICRO[F22/macro:1; HCN/micro:1]</b>
6	MIP_NL__2PWDSI20050207_155757_000018832034_00298_15382_1000.N1	07FEB2005 15:57:57	07FEB2005 16:29:20	0	23/23	<b>VMR_TERM_MACRO_MICRO[HCN/micro:1]</b>

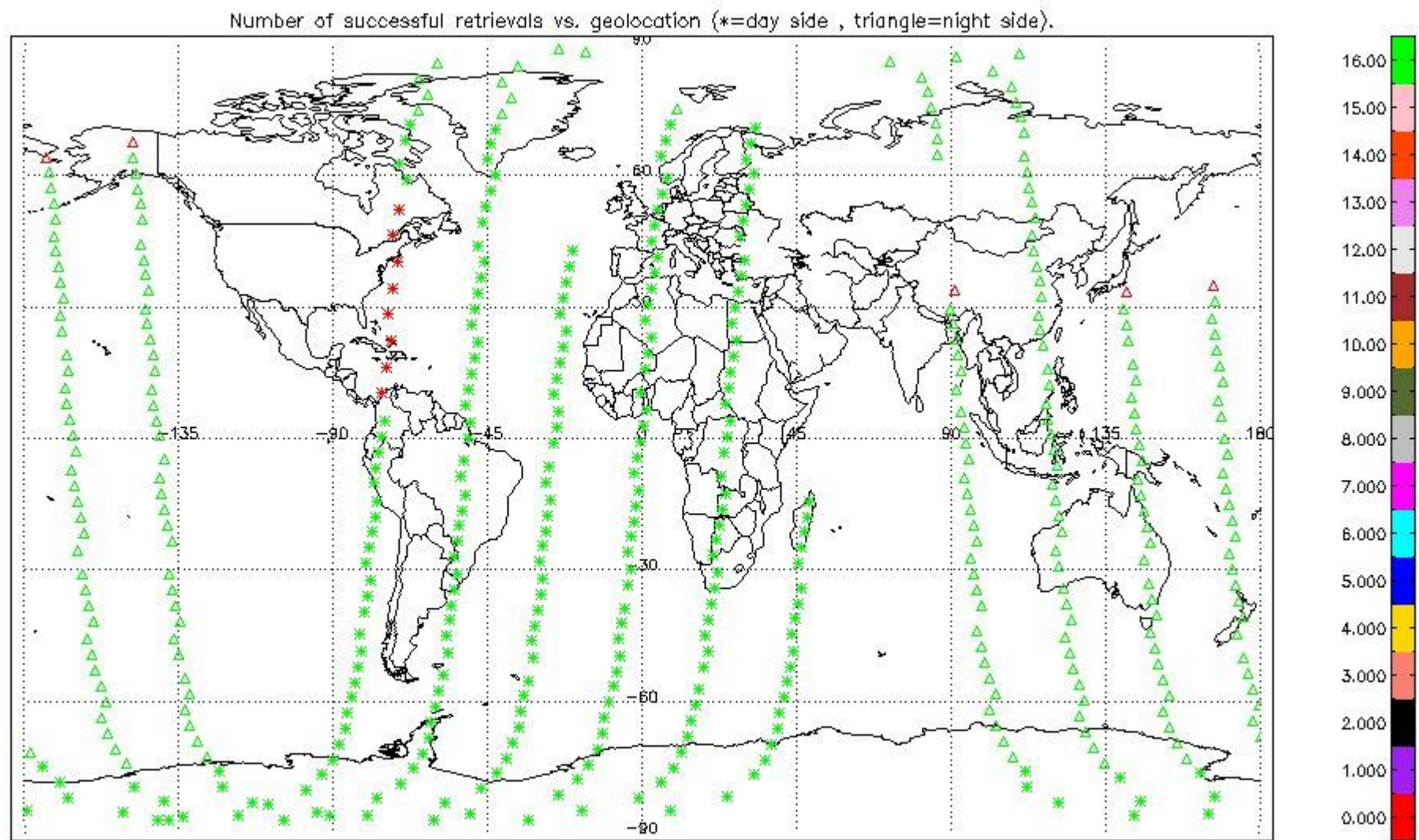
## 2.2 Processing performance indicators

### 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.

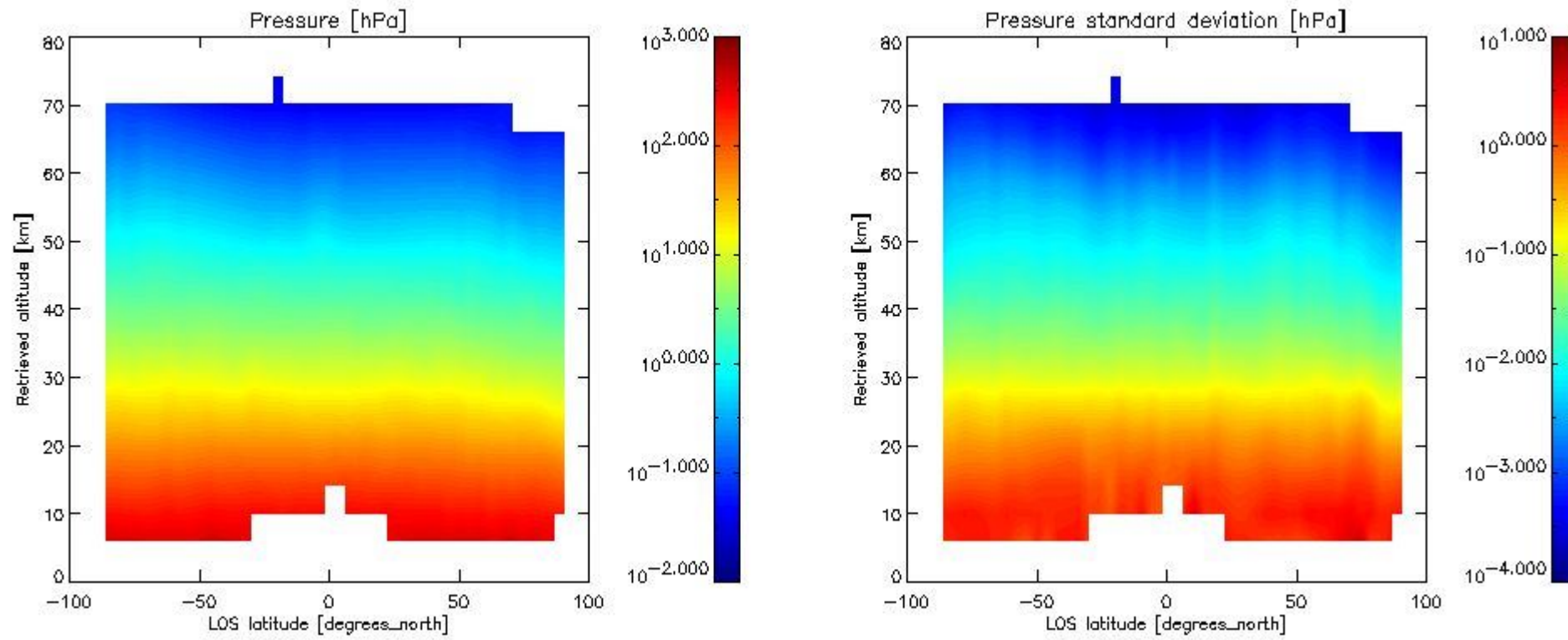
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	474	461	97.257
H2O	474	461	97.257
O3	474	461	97.257

HNO3	474	461	97.257
CH4	474	461	97.257
N2O	474	461	97.257
NO2	474	461	97.257
F11	474	461	97.257
CLNO	474	461	97.257
N2O5	474	461	97.257
F12	474	461	97.257
COF2	474	461	97.257
CCL4	474	461	97.257
HCN	474	461	97.257
F14	474	461	97.257
F22	474	461	97.257



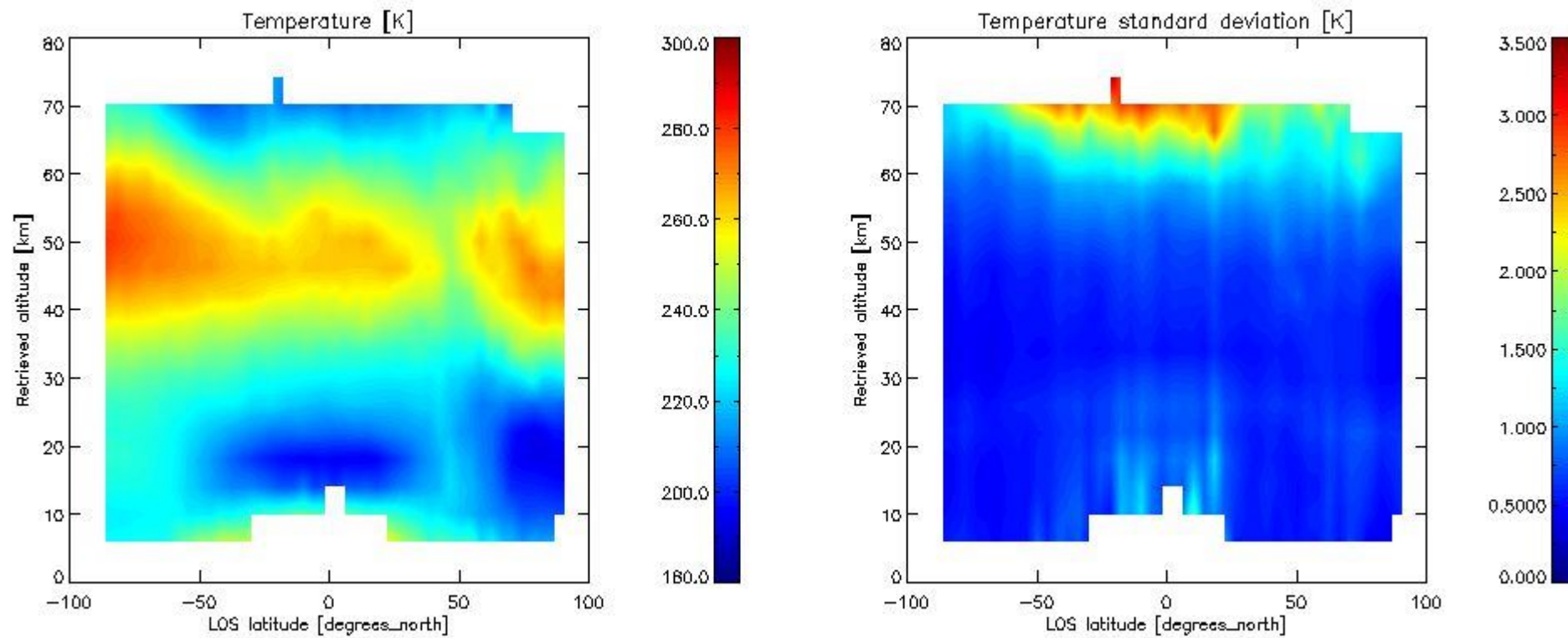
### 2.2.2 Pressure overview

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



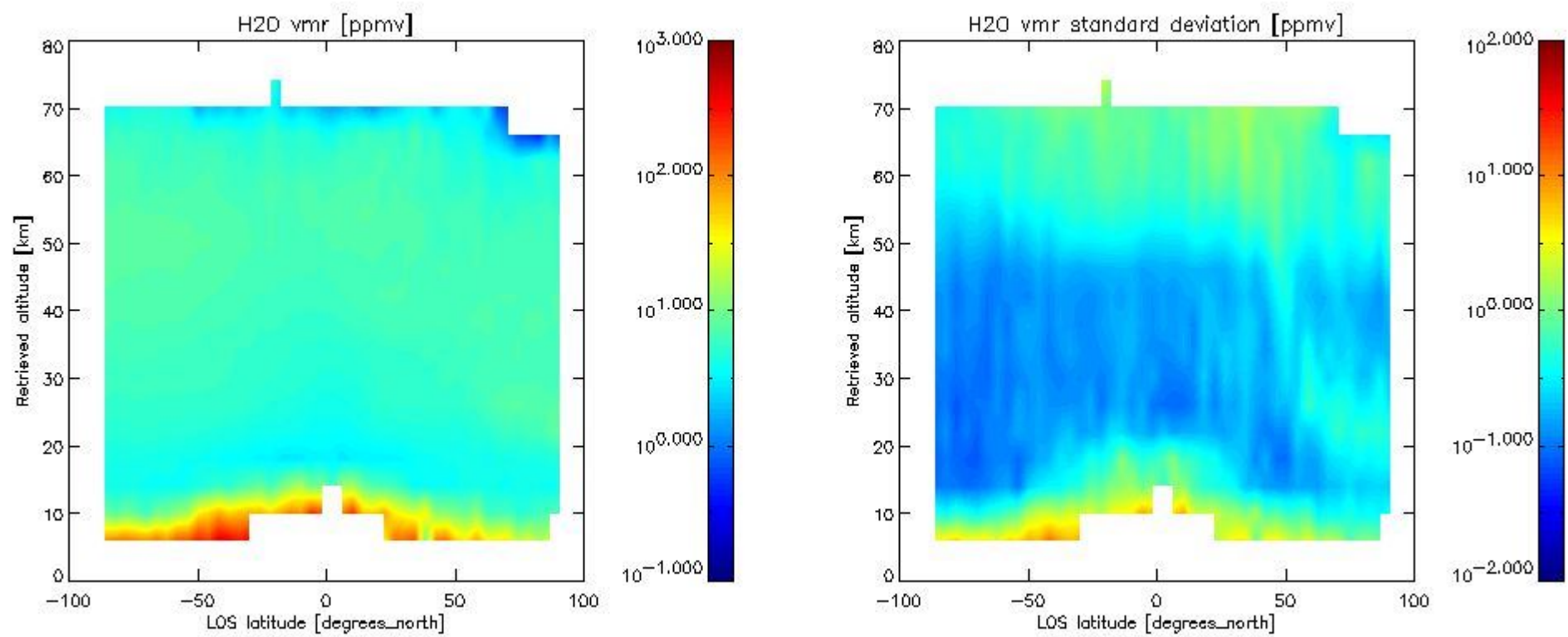
### 2.2.3 Temperature overview

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

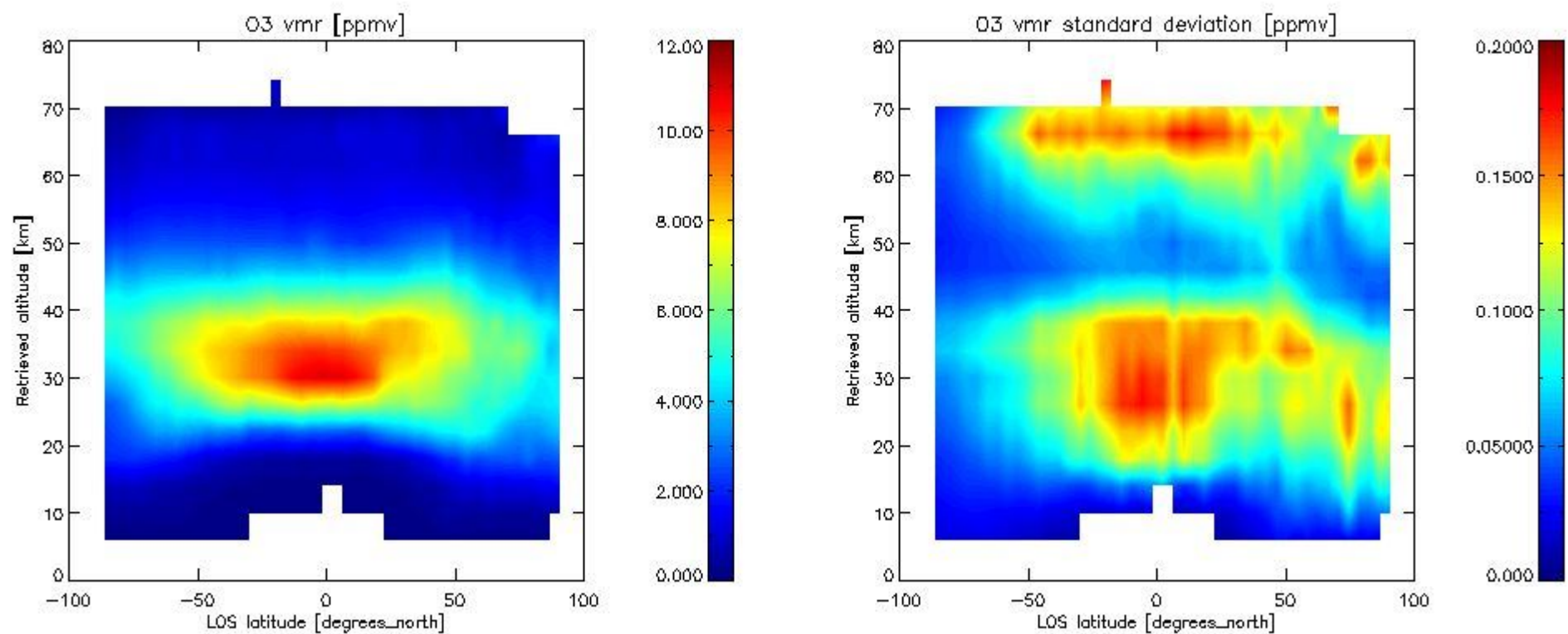


### 2.2.4 Species overview

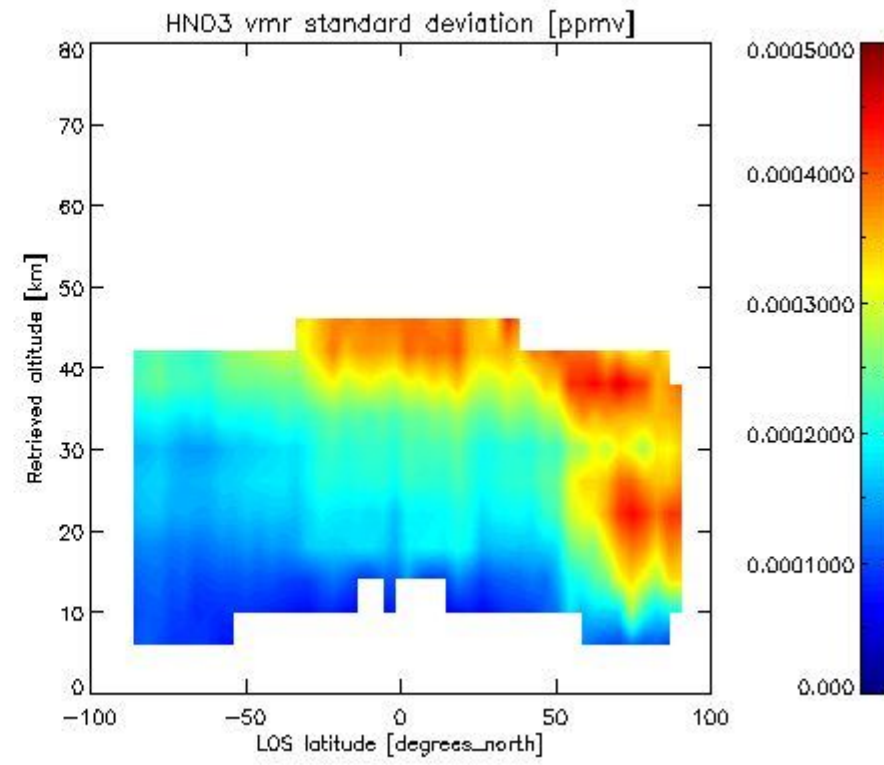
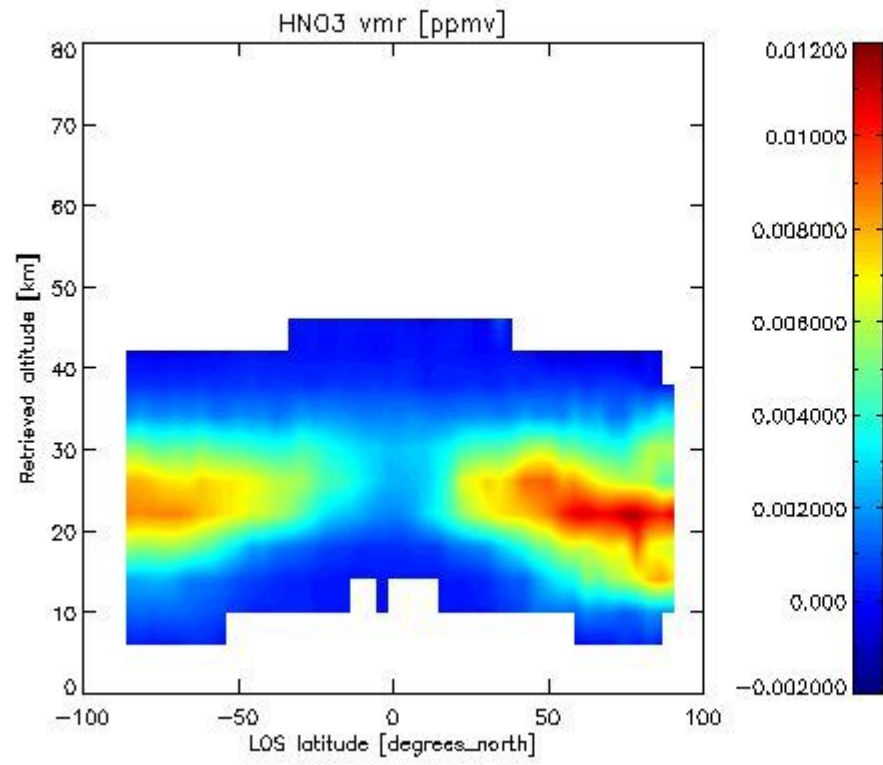
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



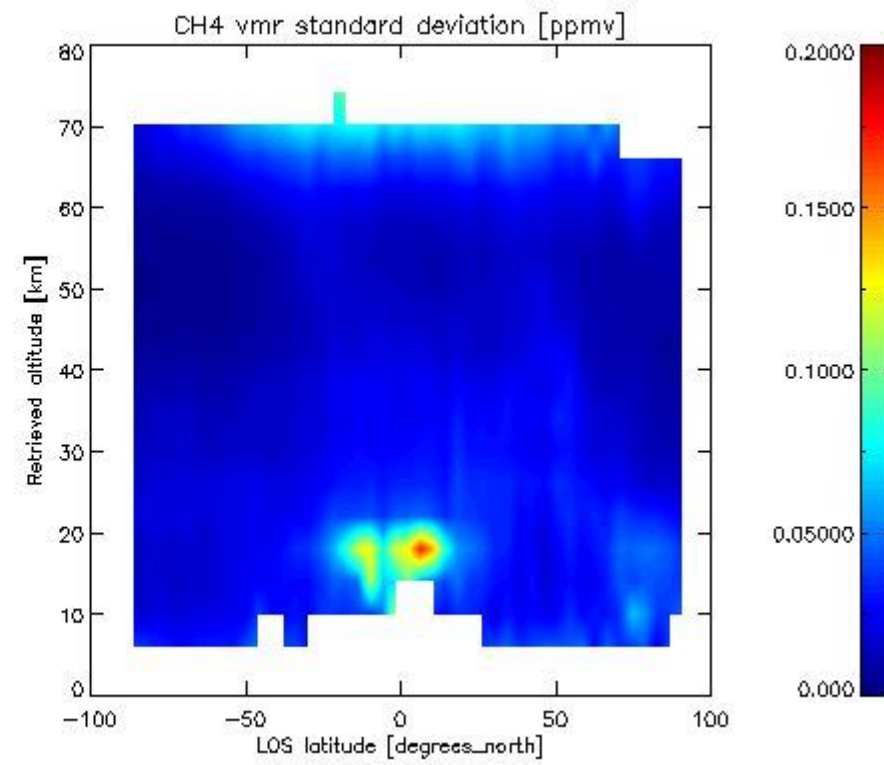
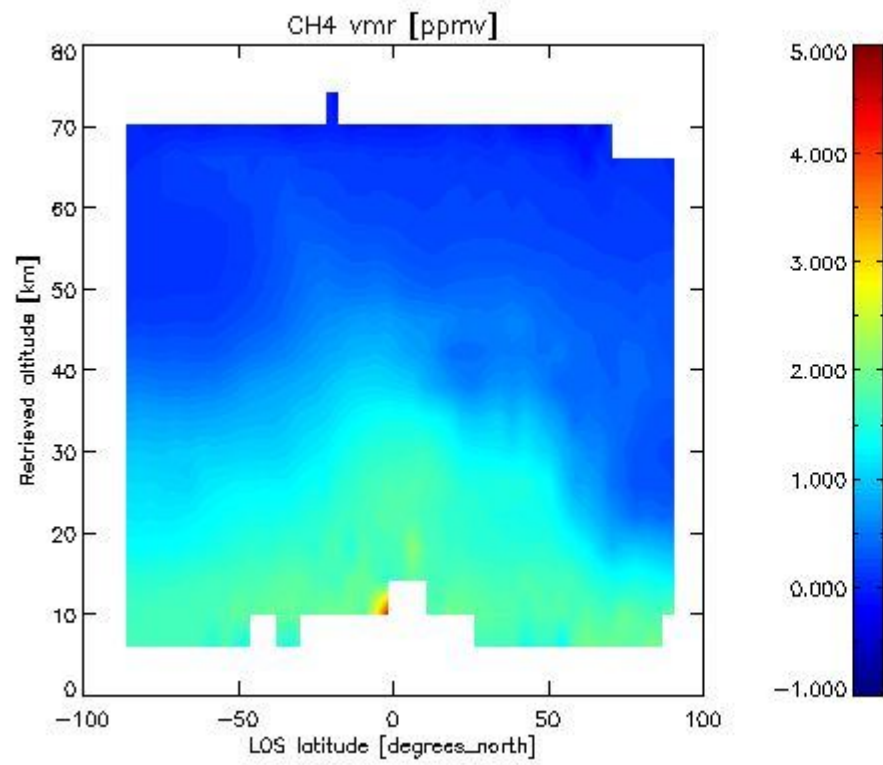
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



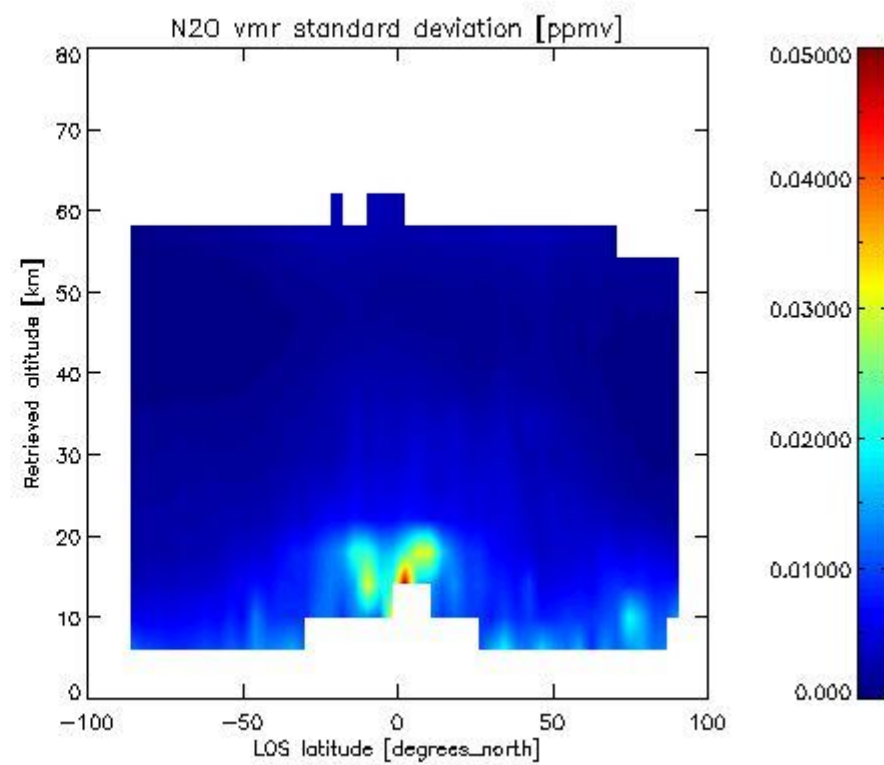
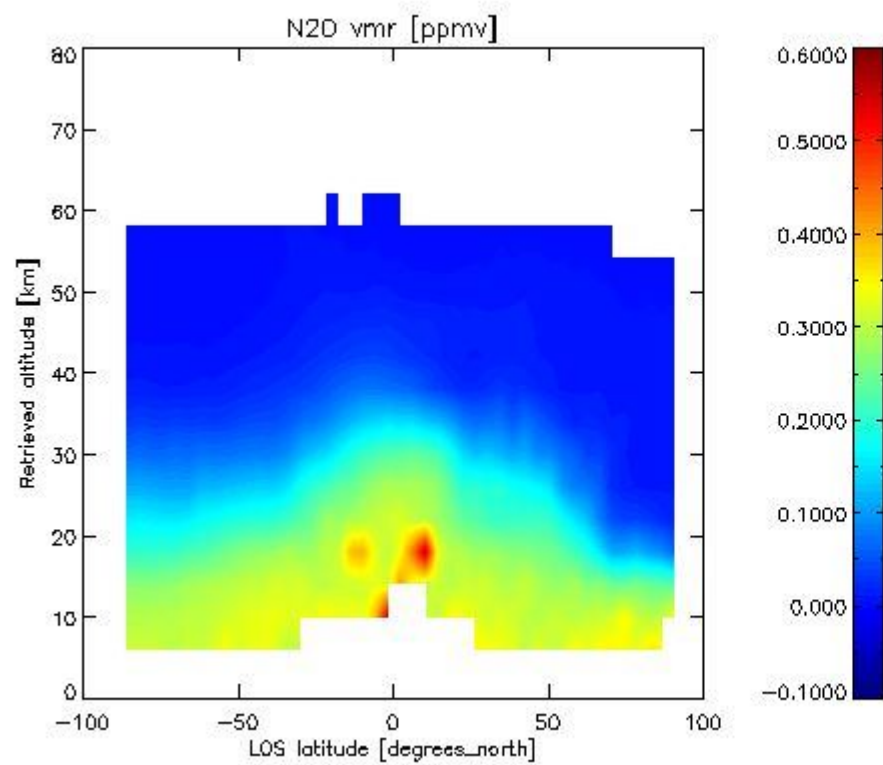
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



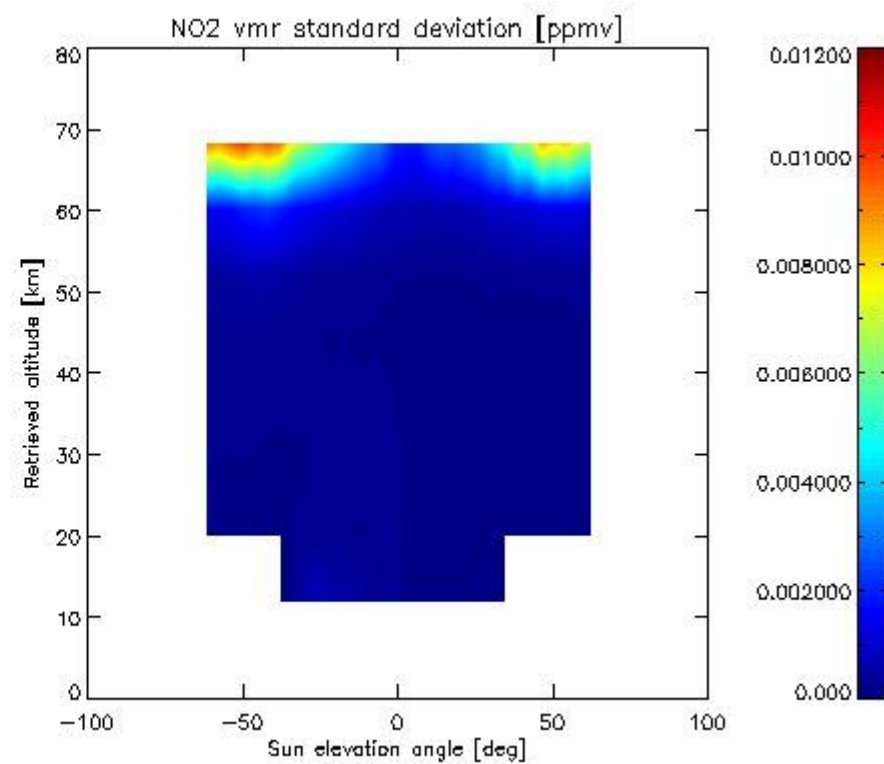
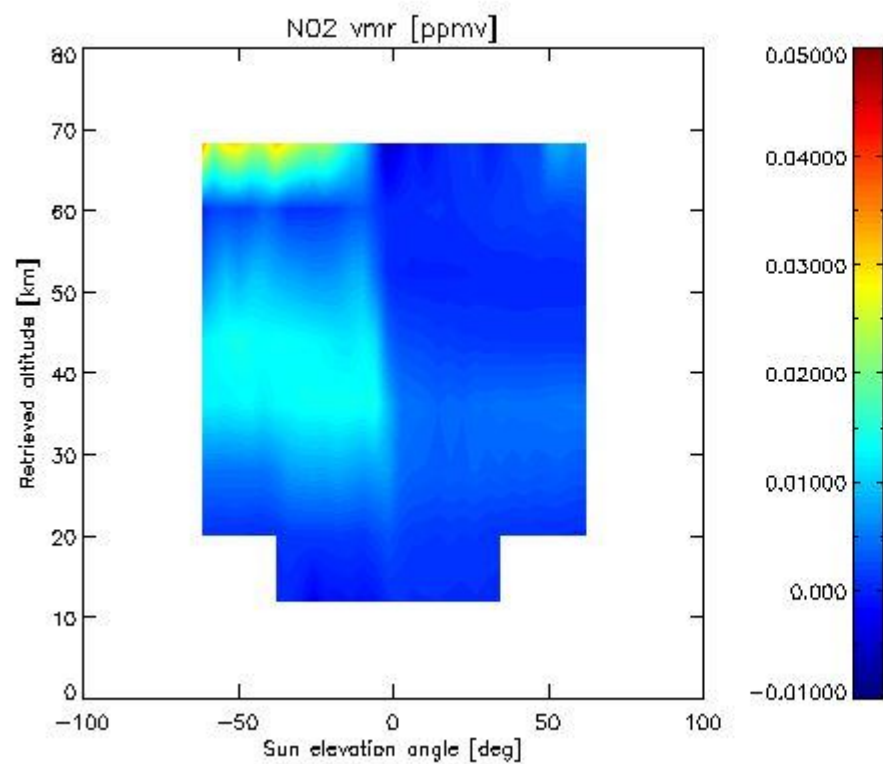
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



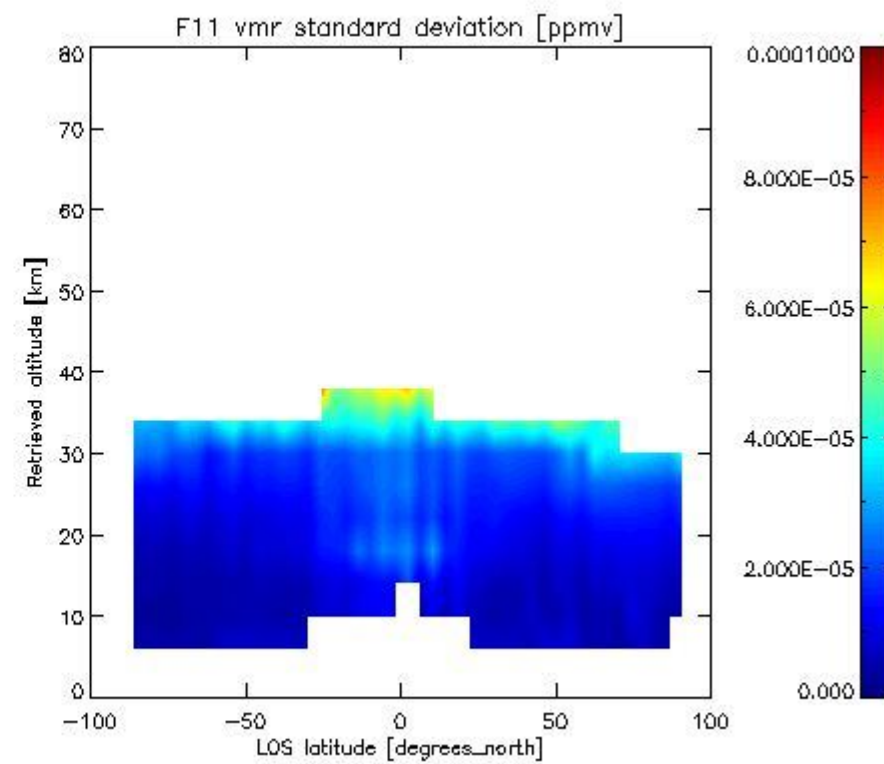
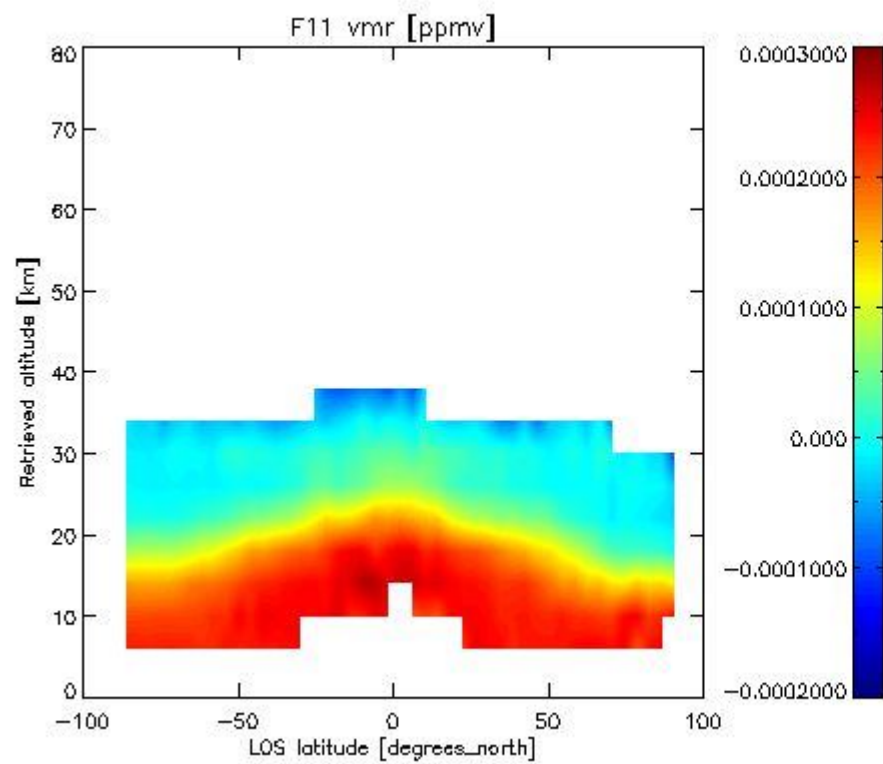
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



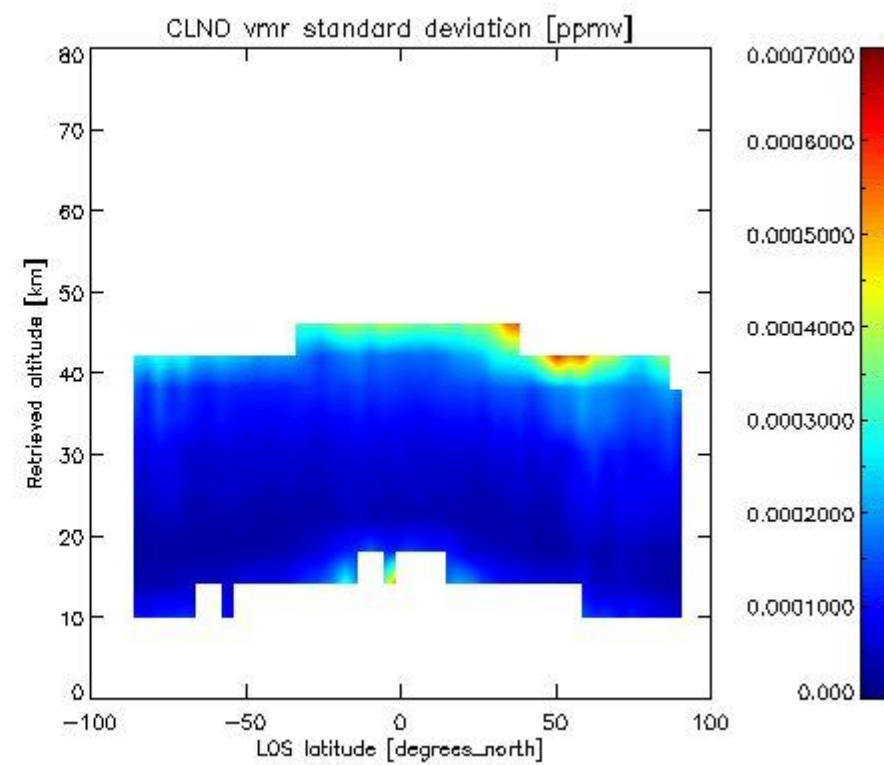
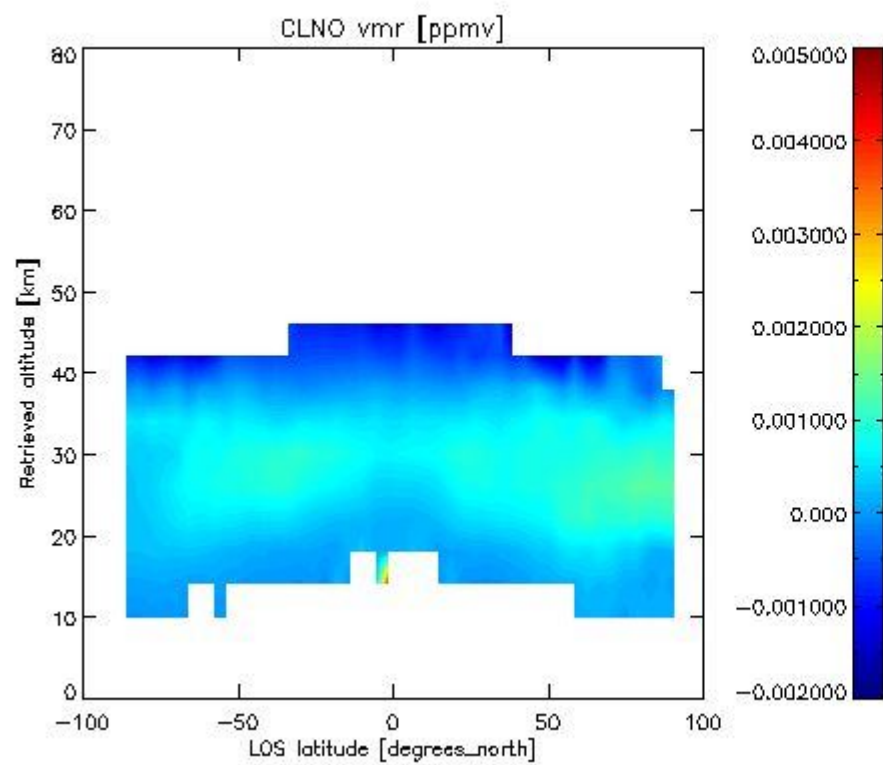
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.



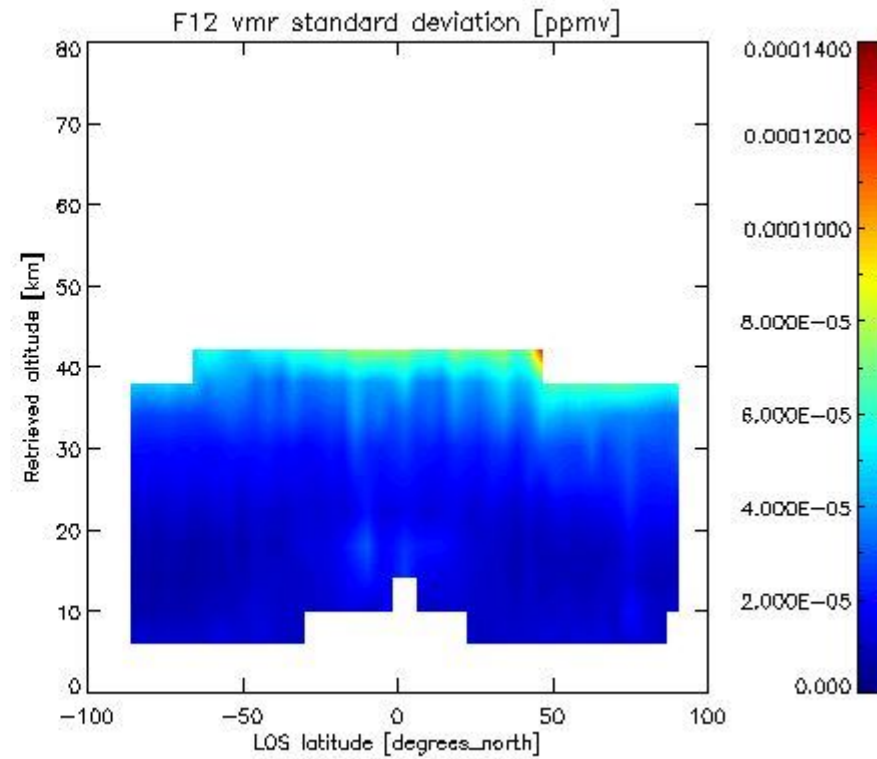
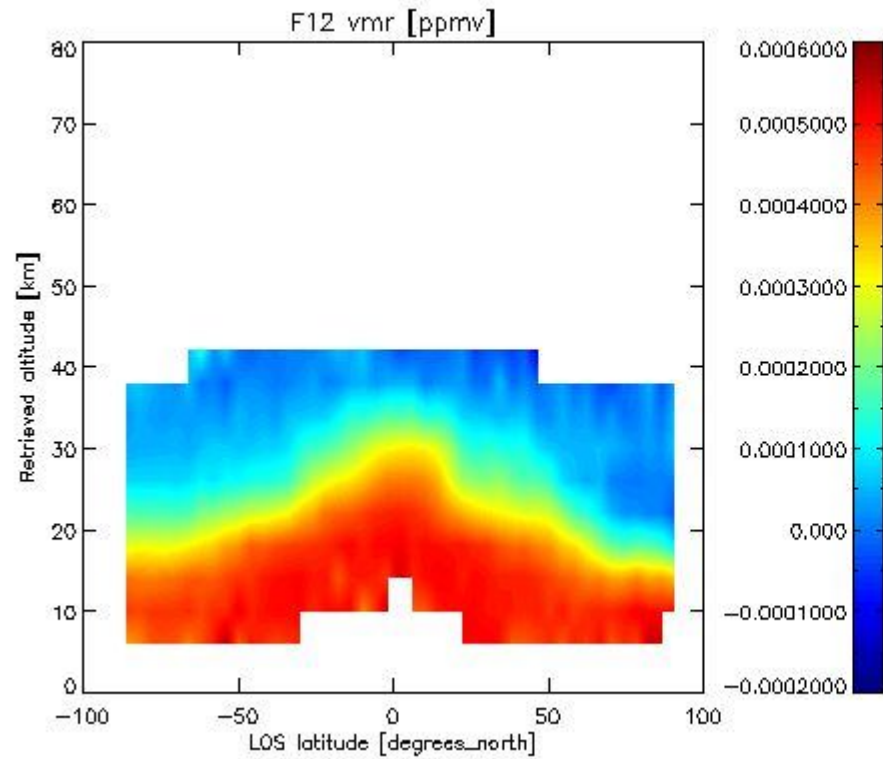
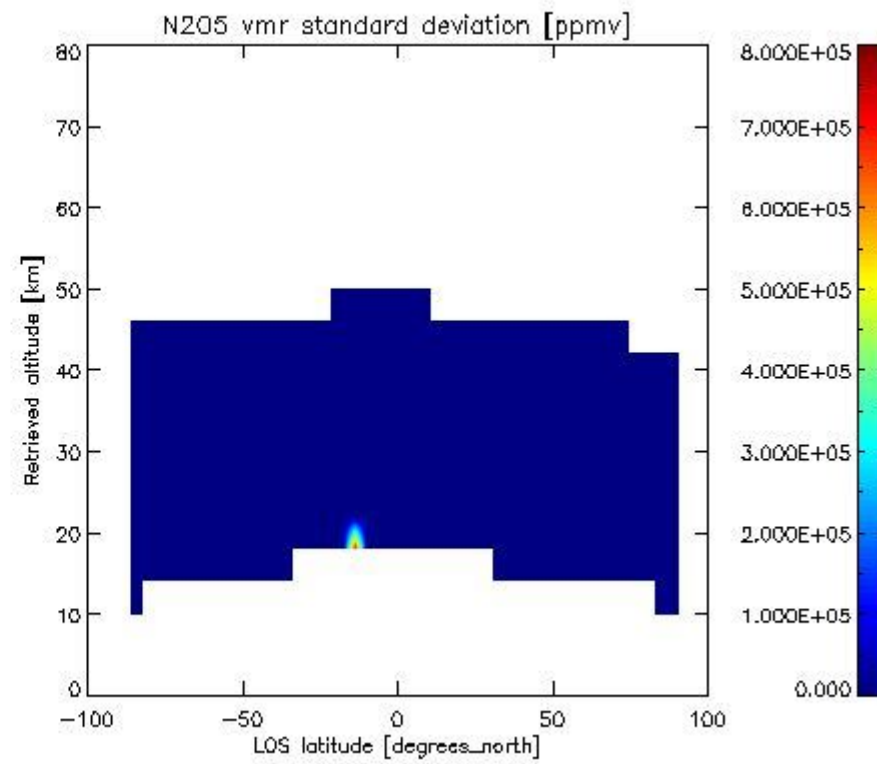
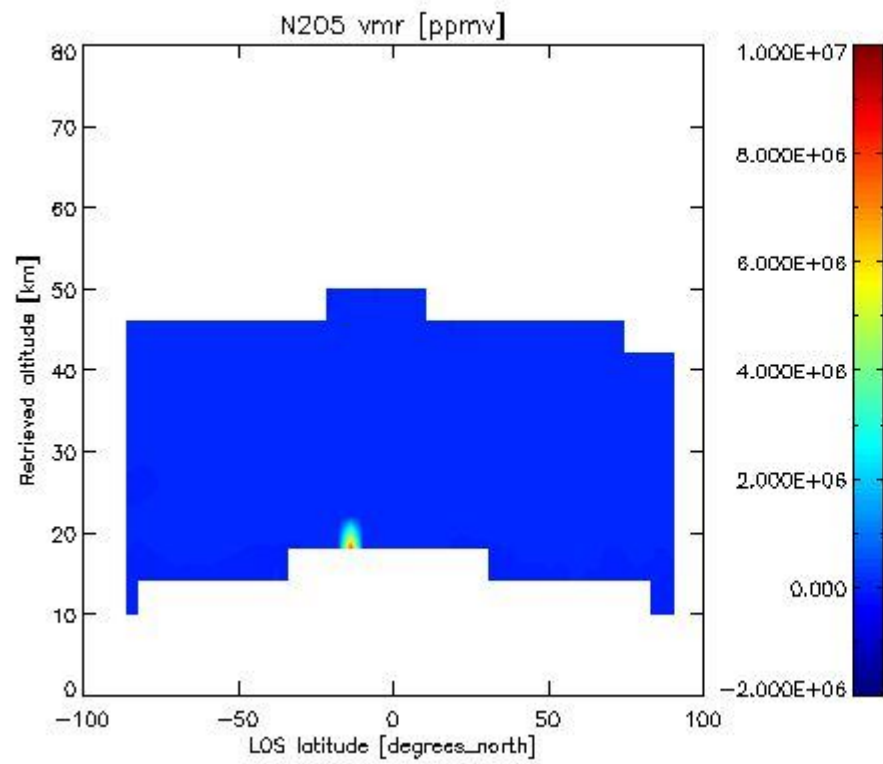
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



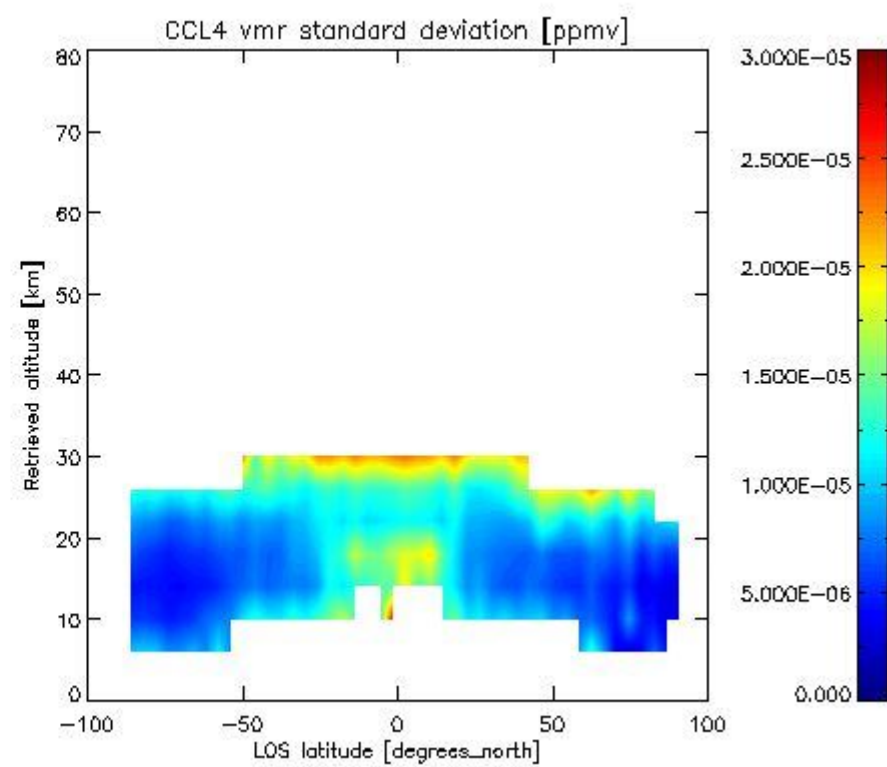
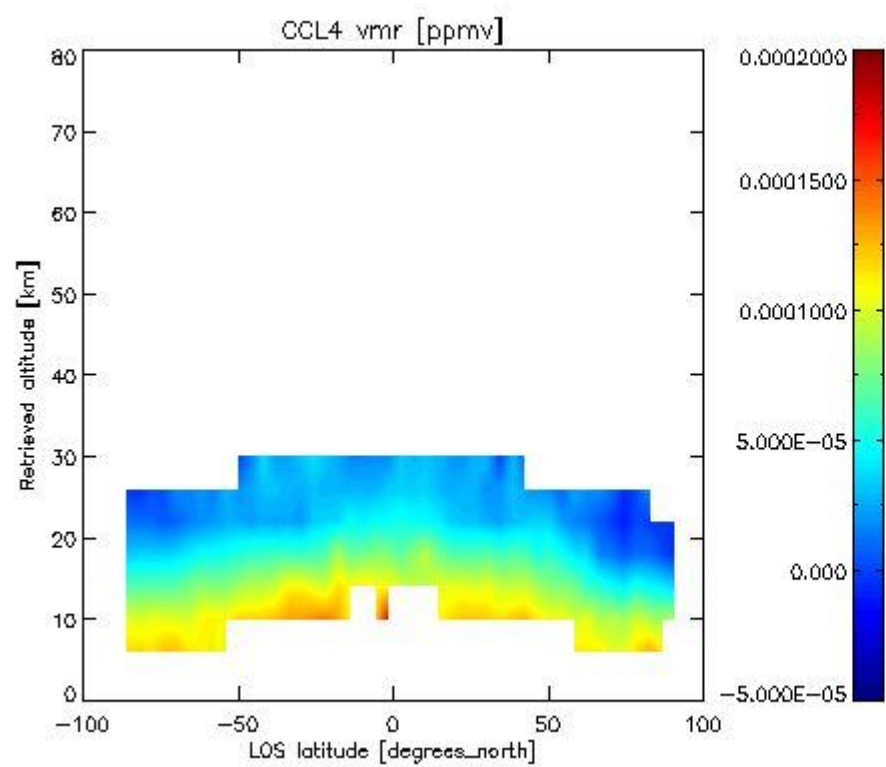
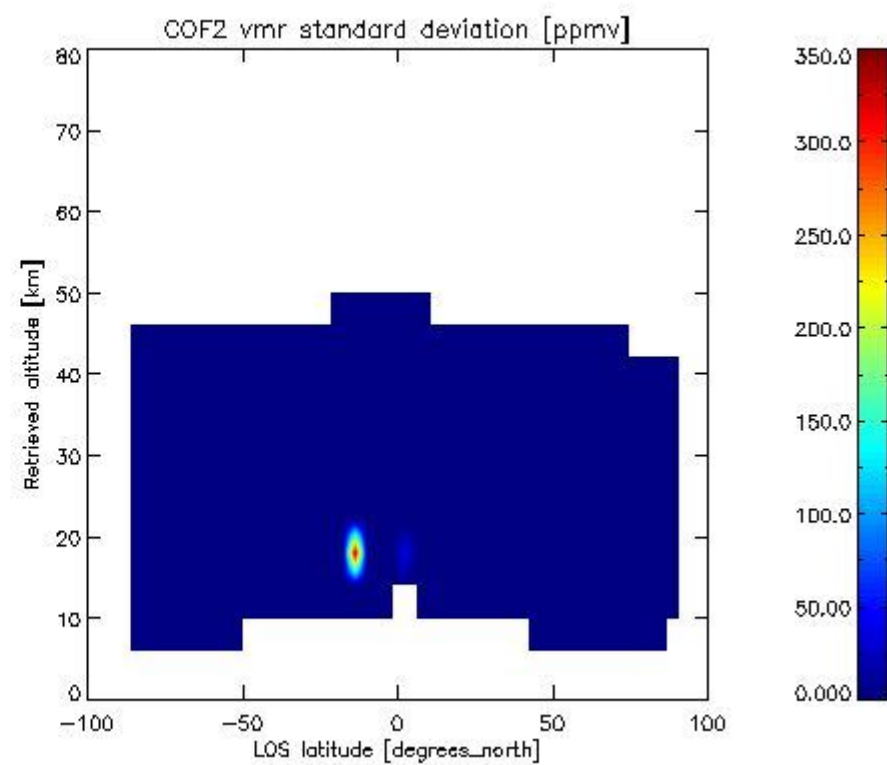
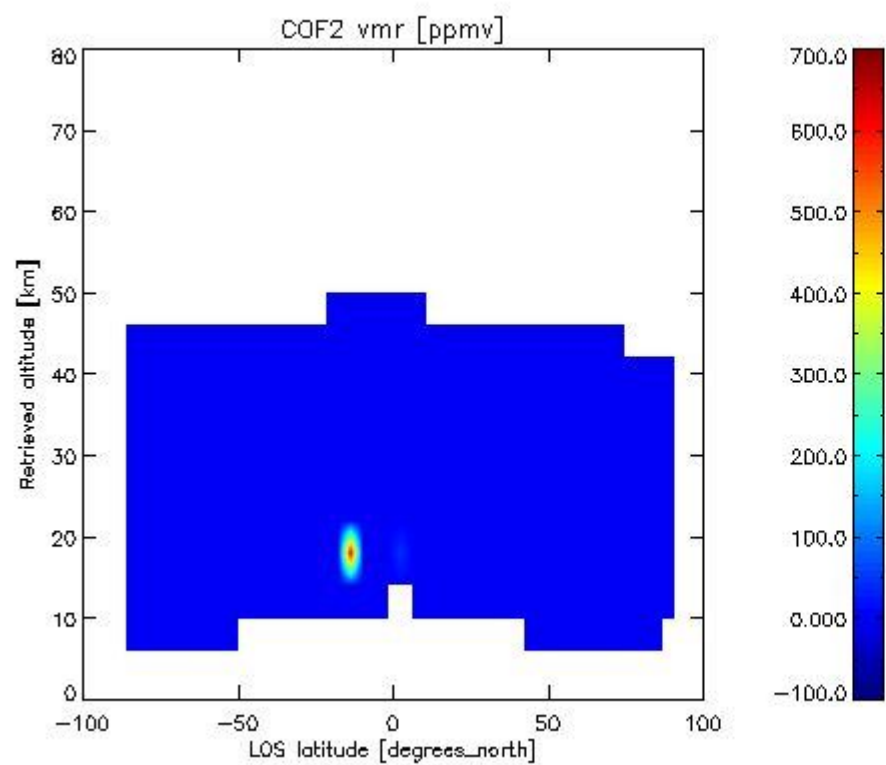
2.3.4.4 CLNO overview: This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

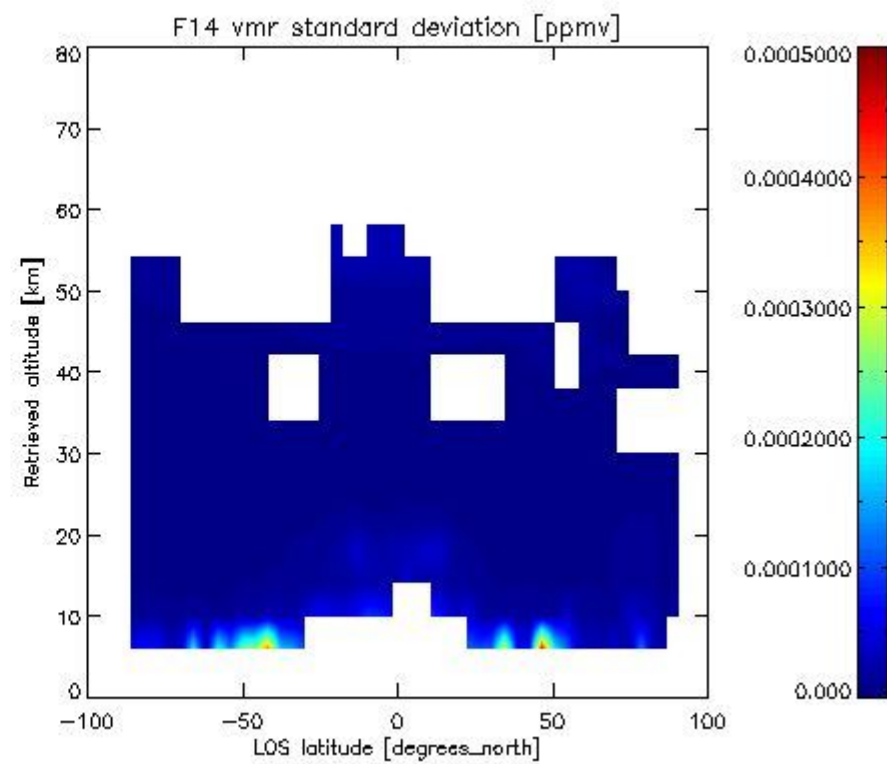
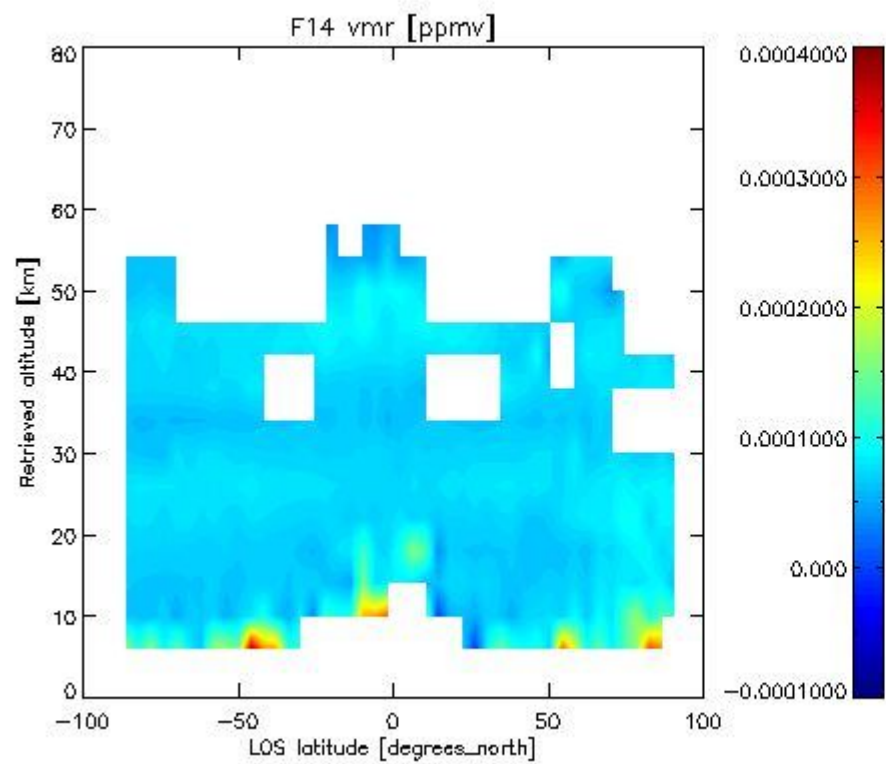
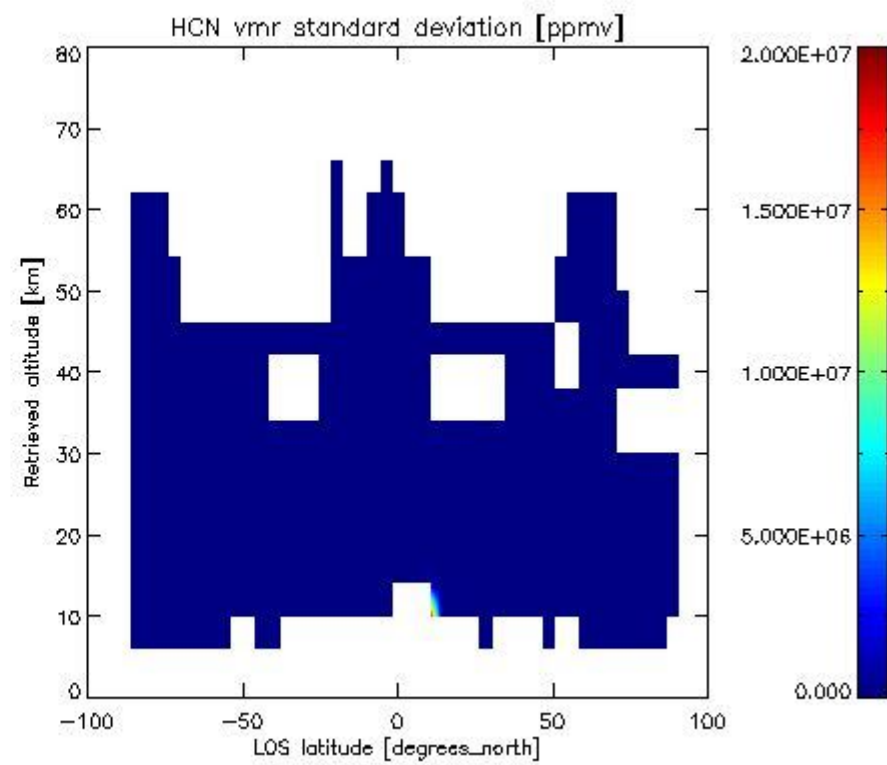
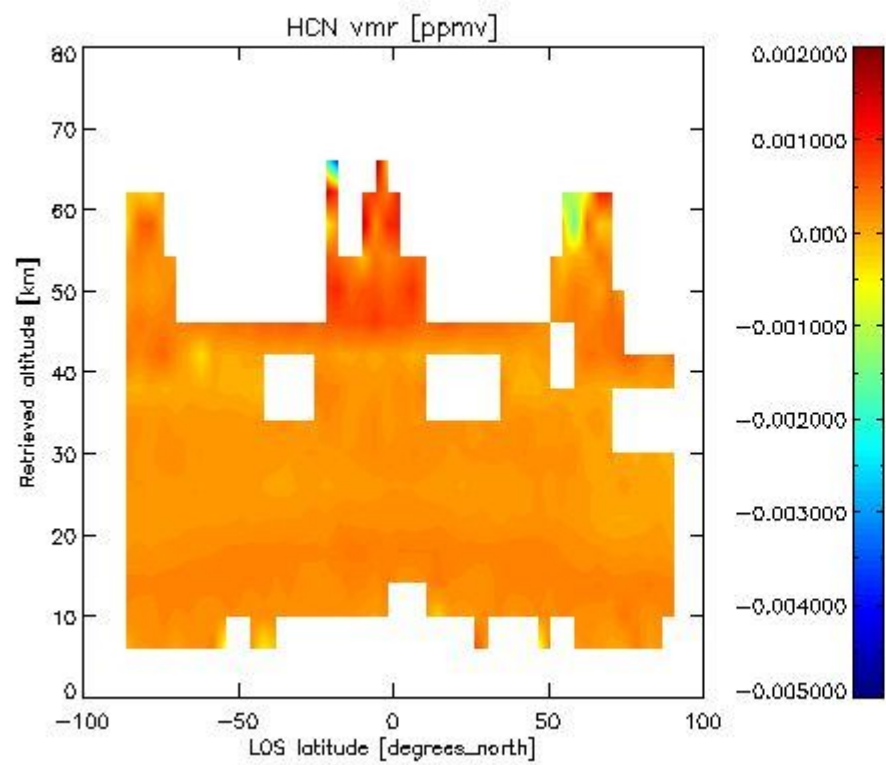


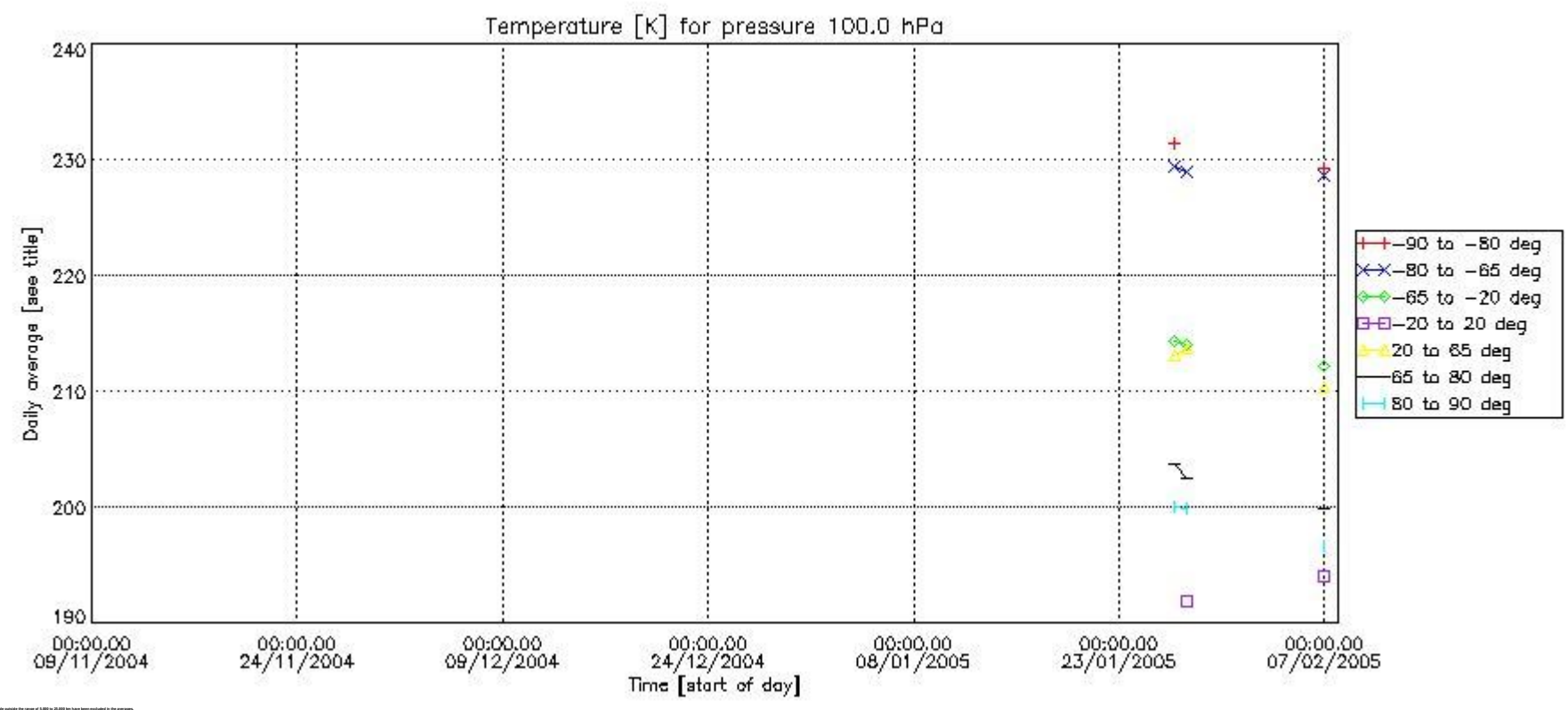
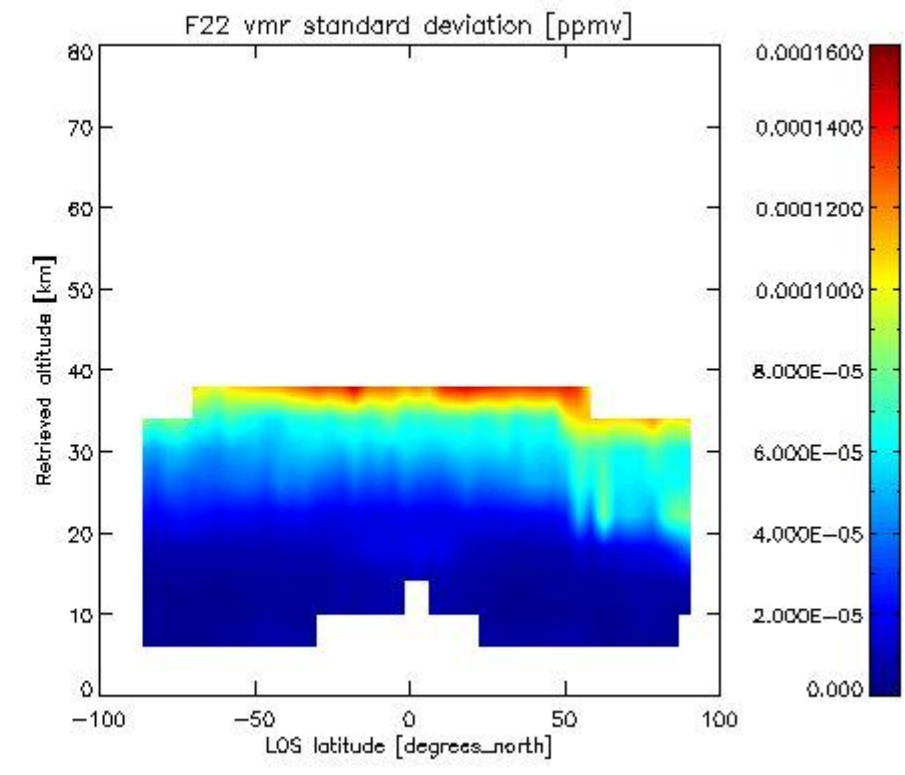
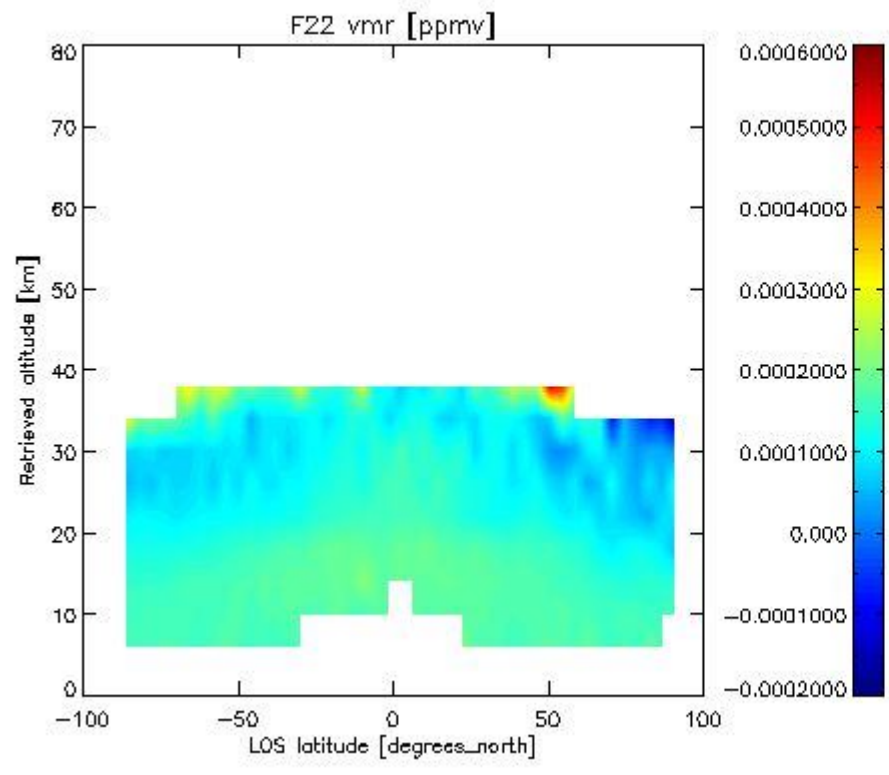
-----

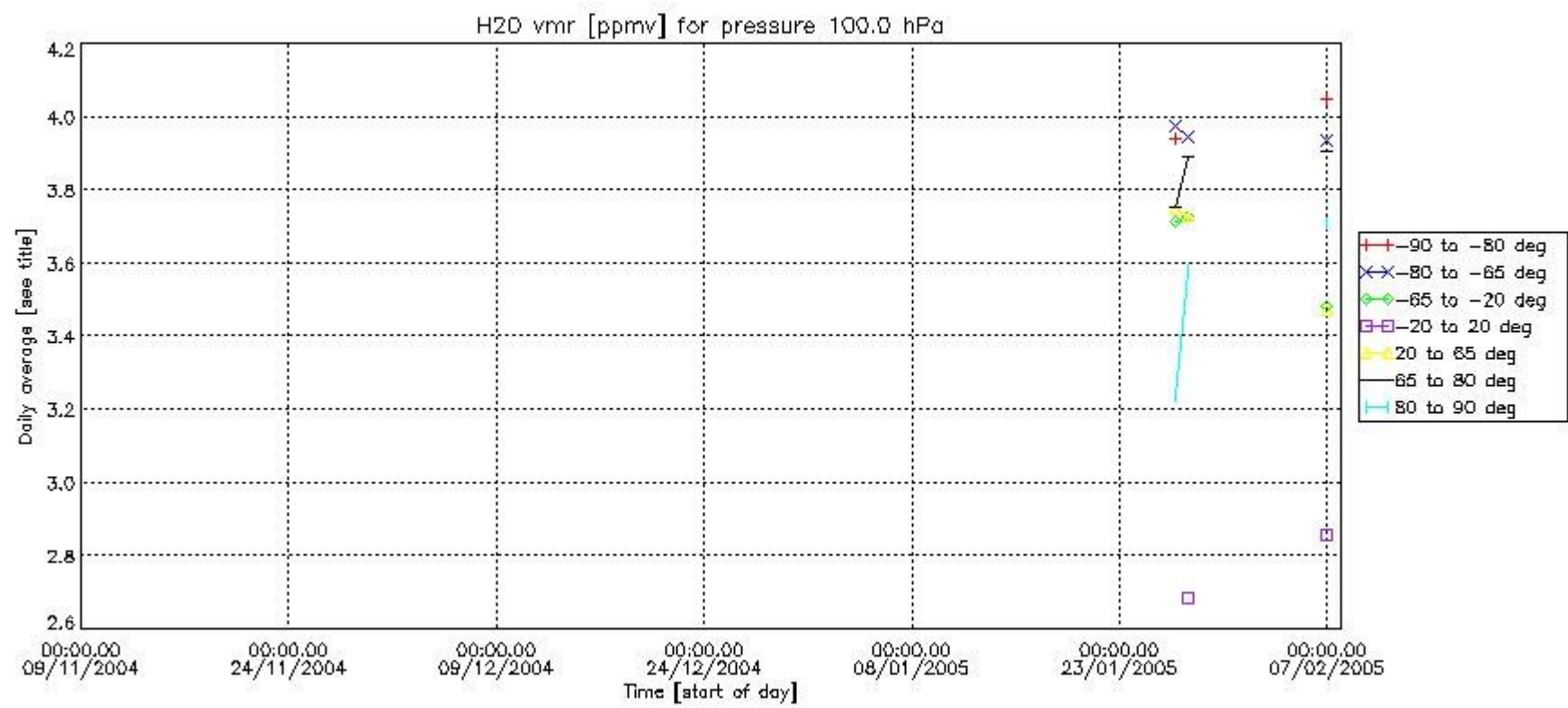
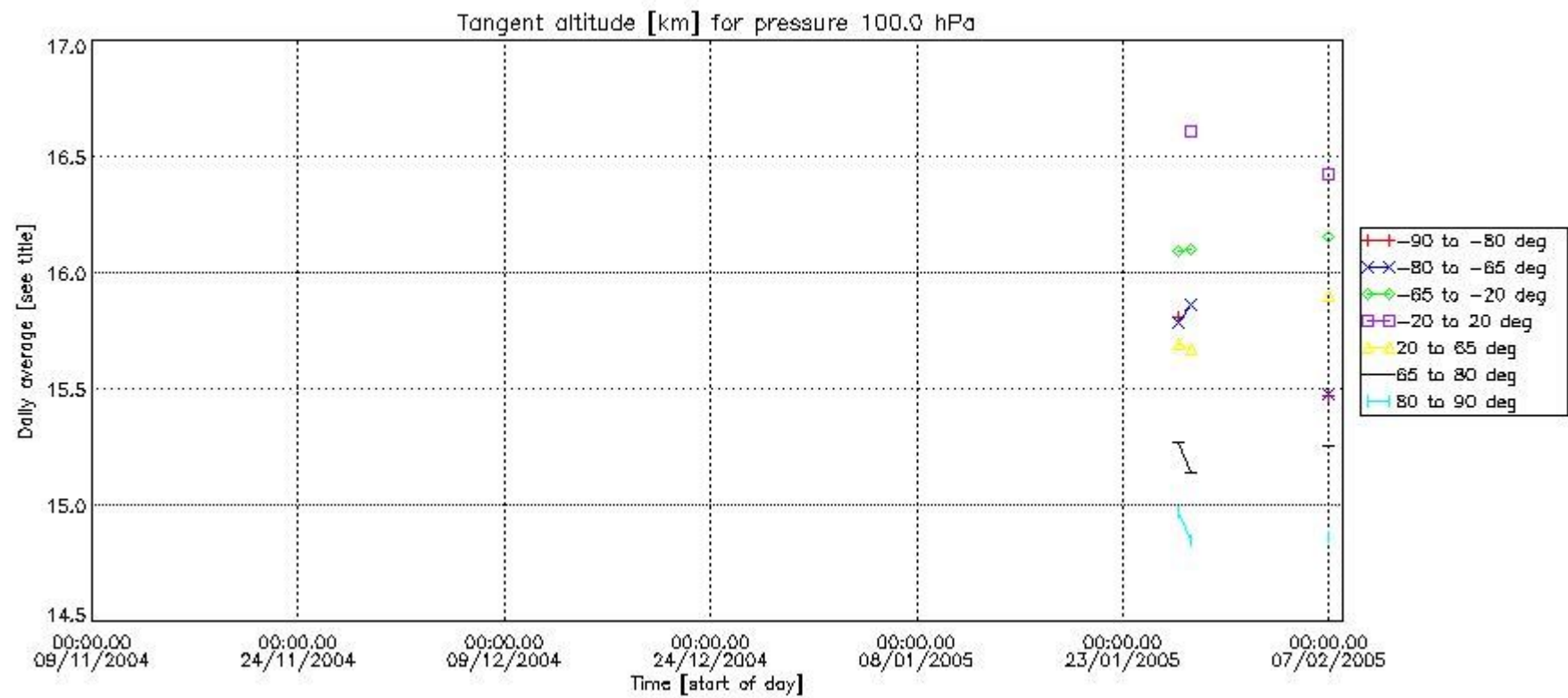


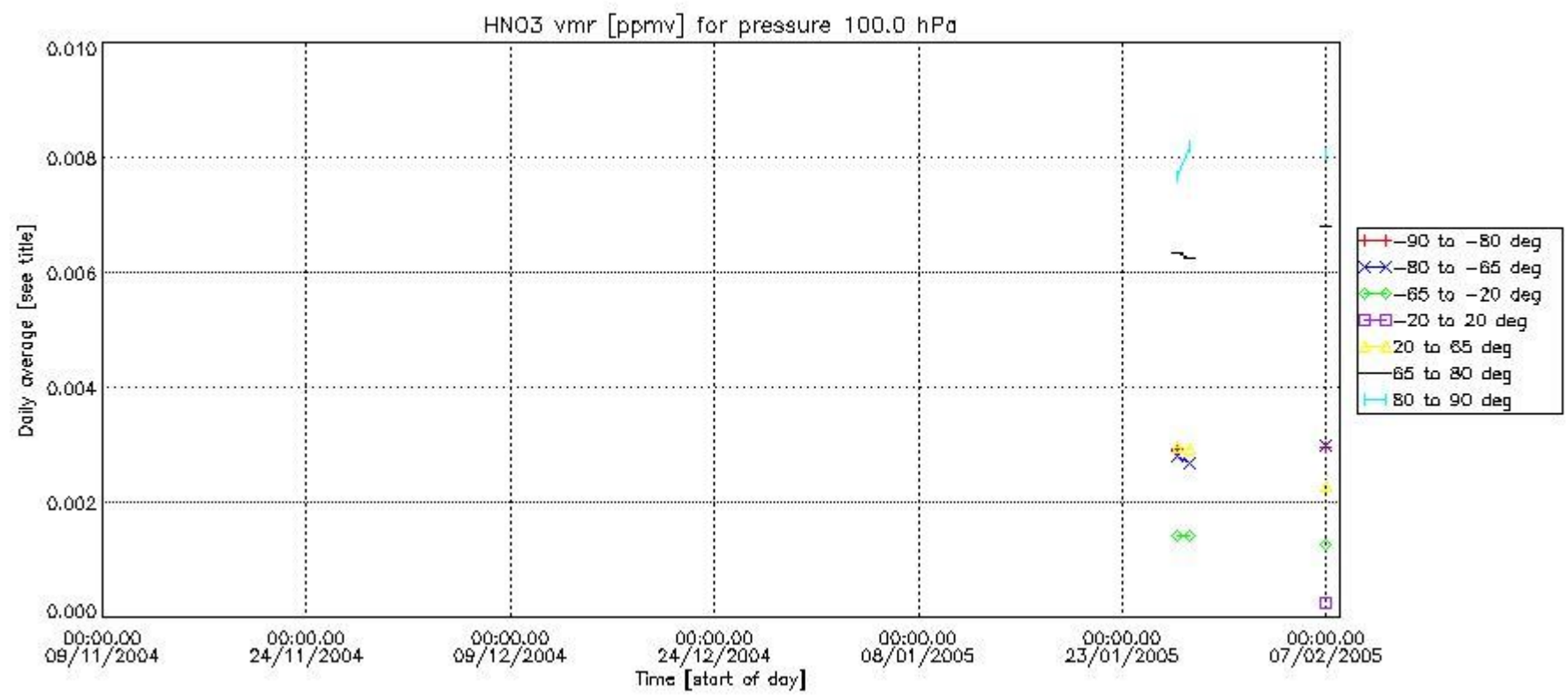
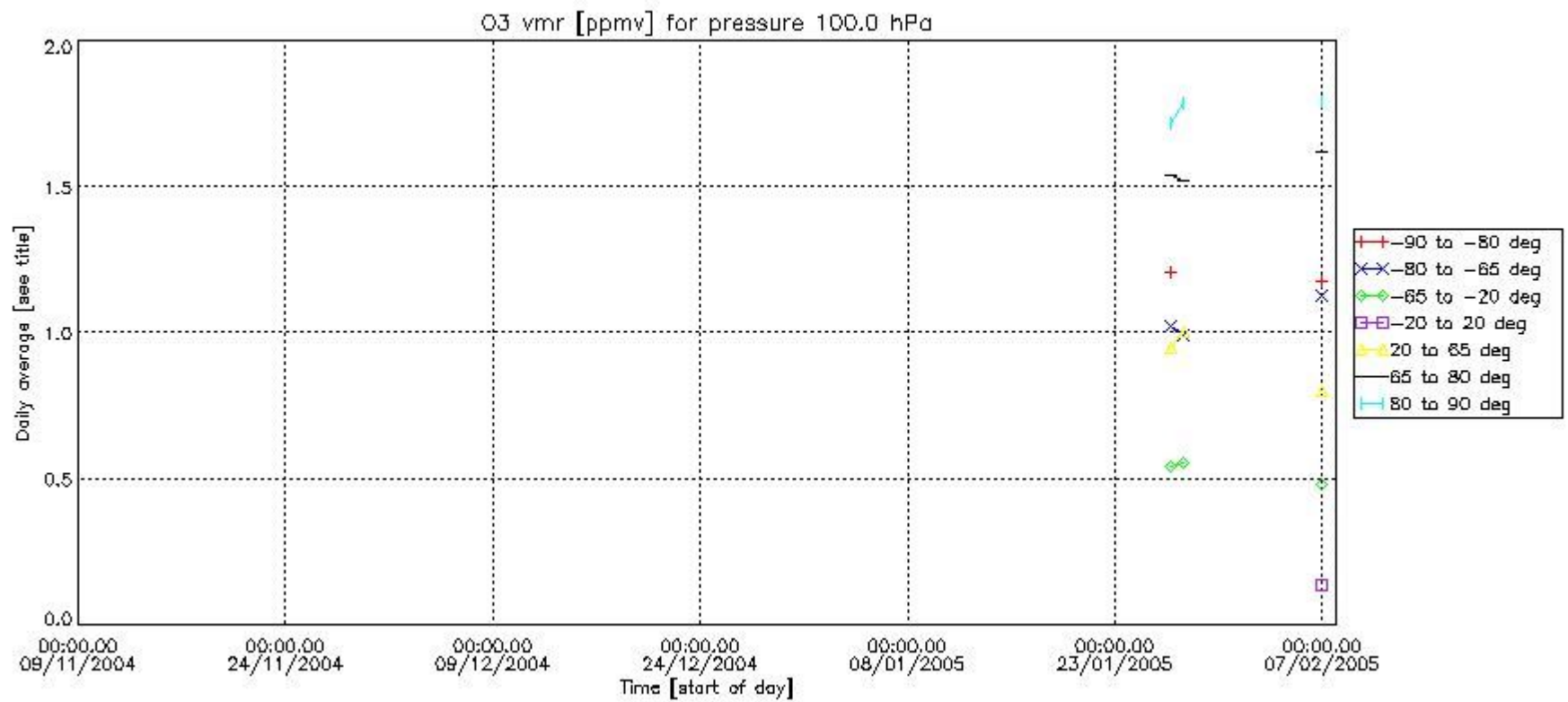


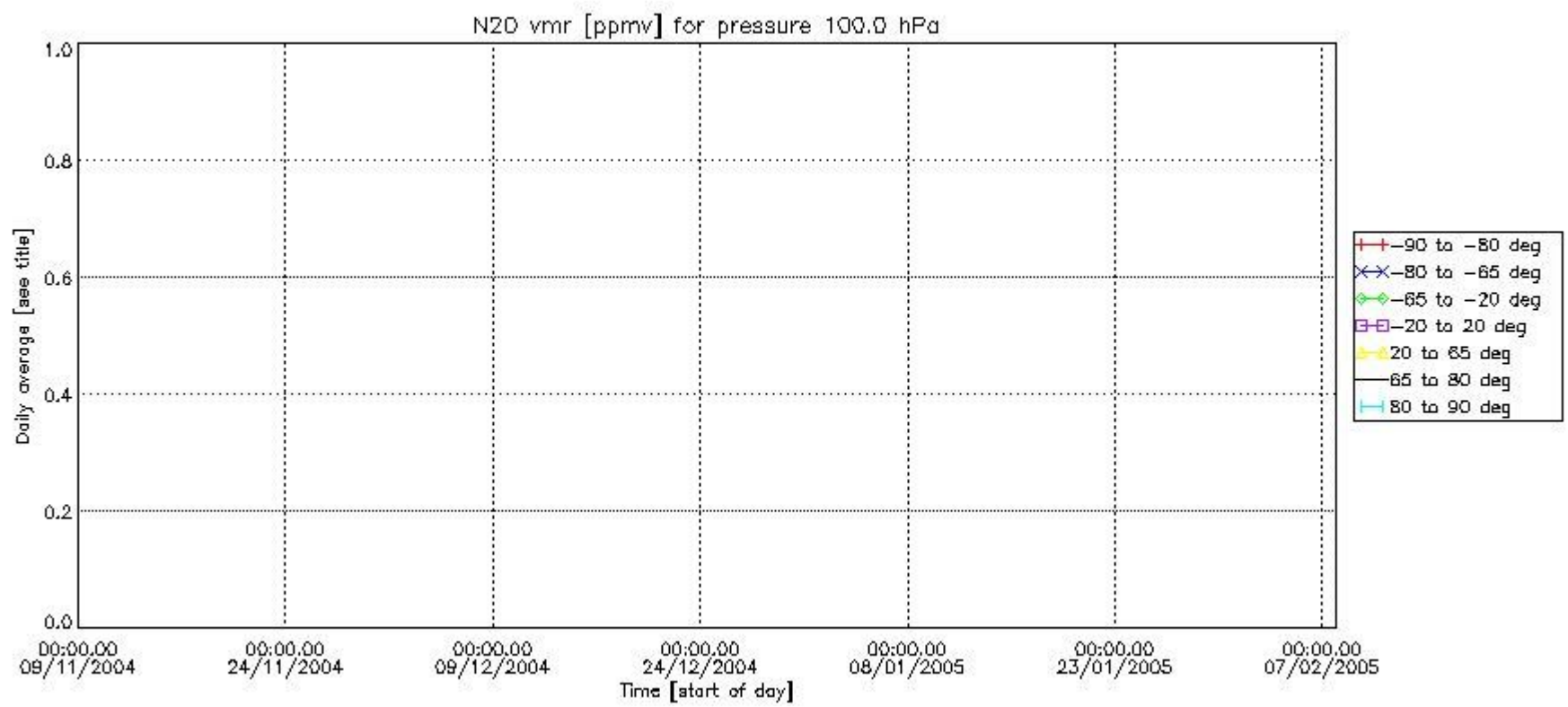
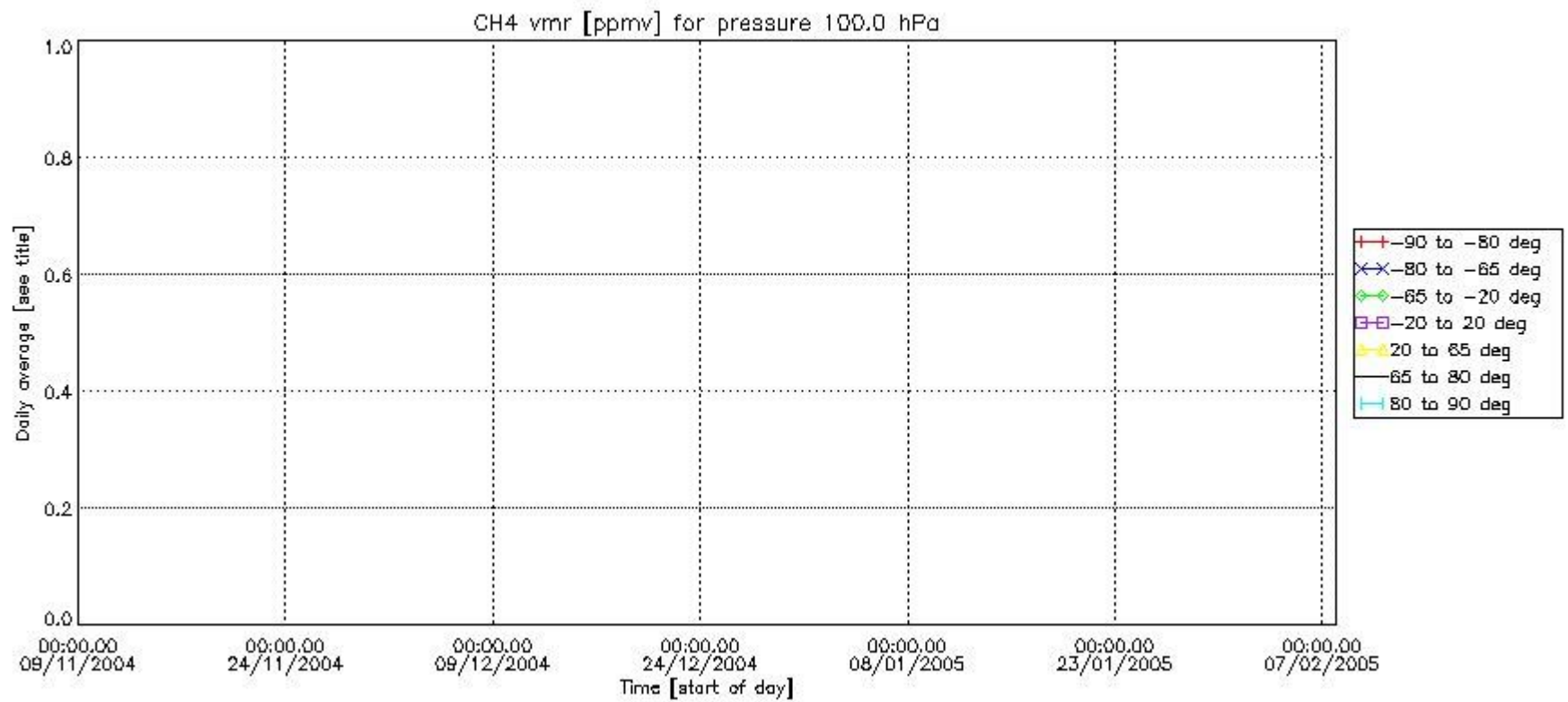


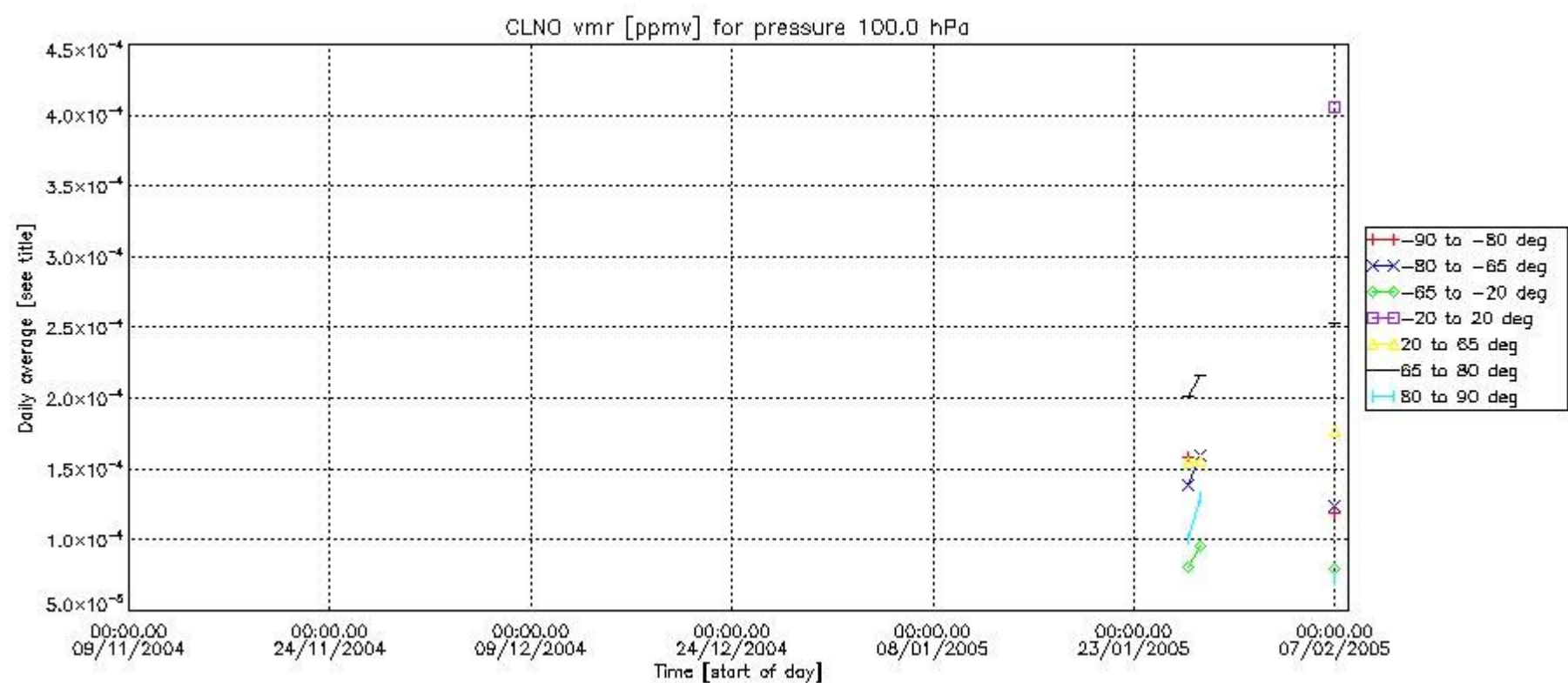
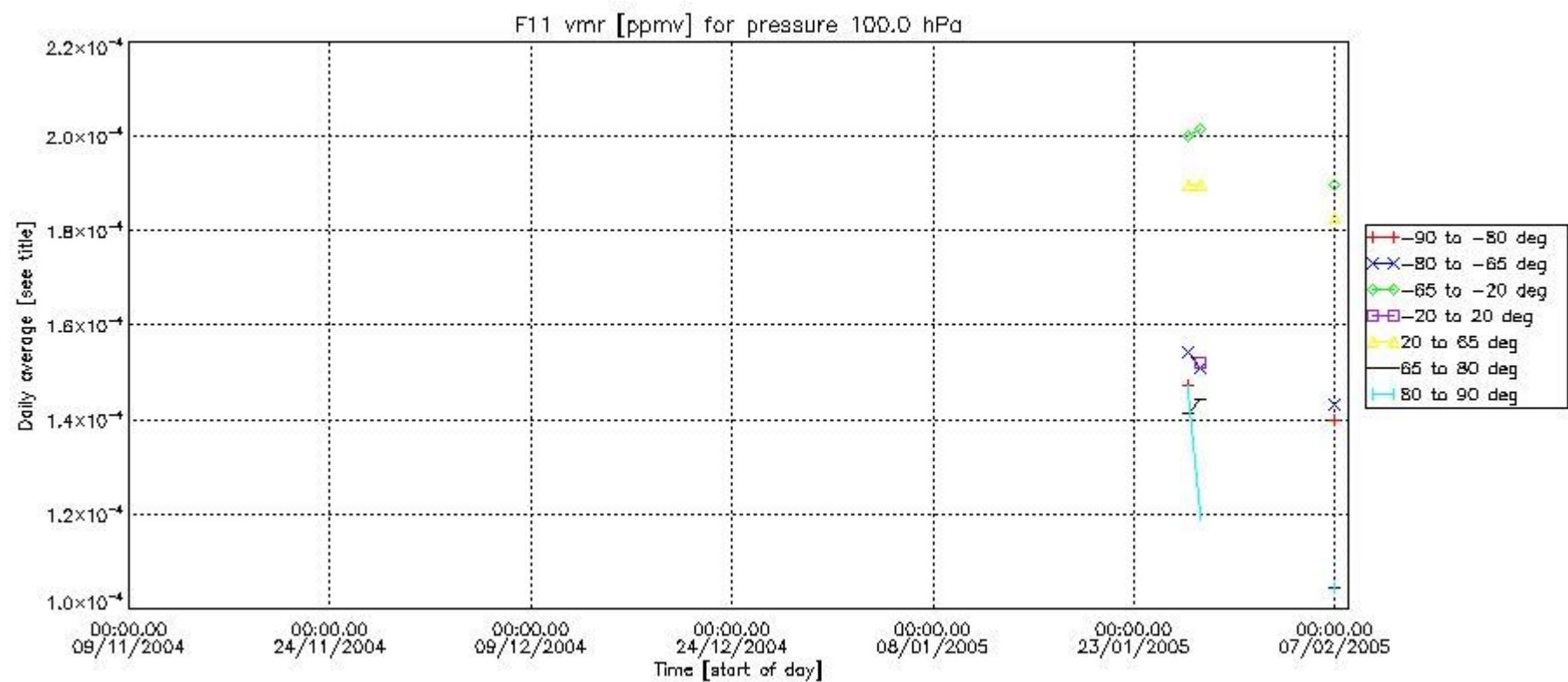


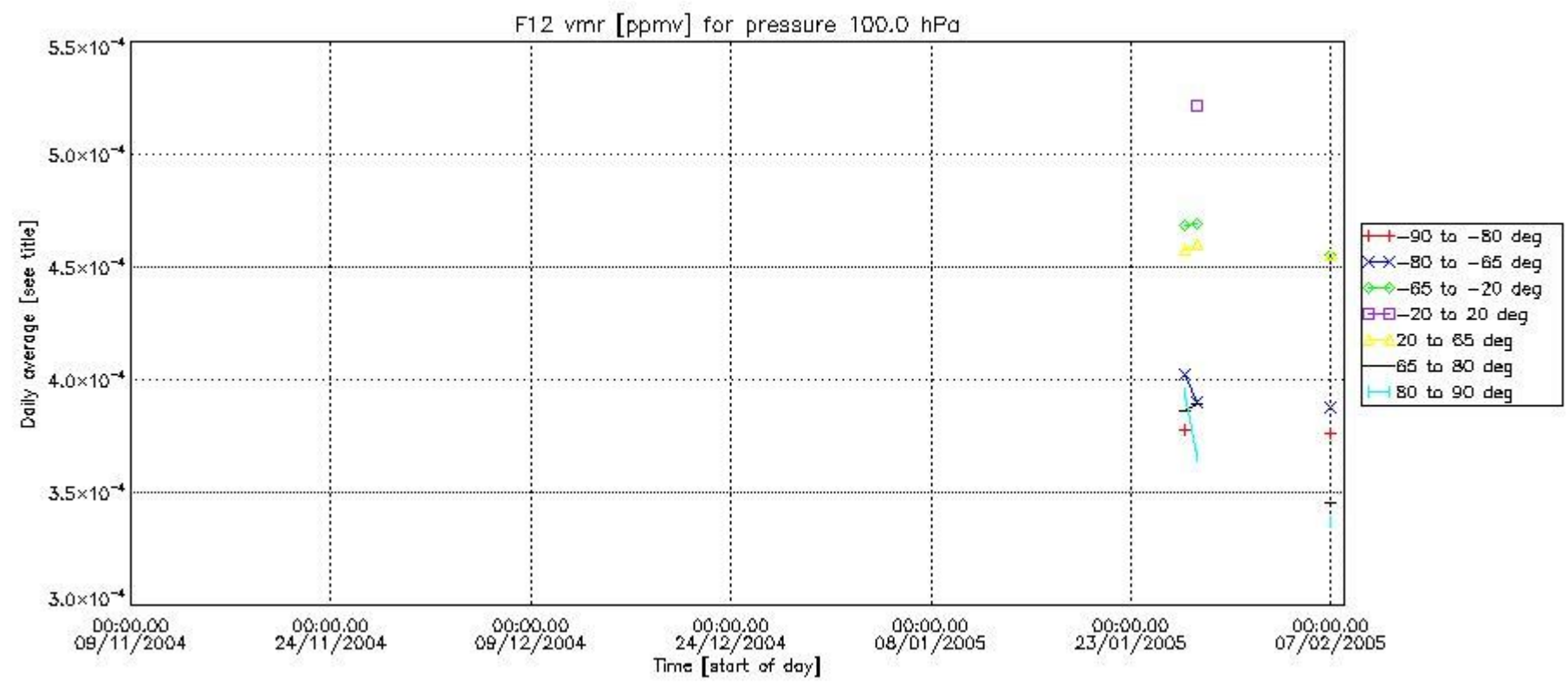
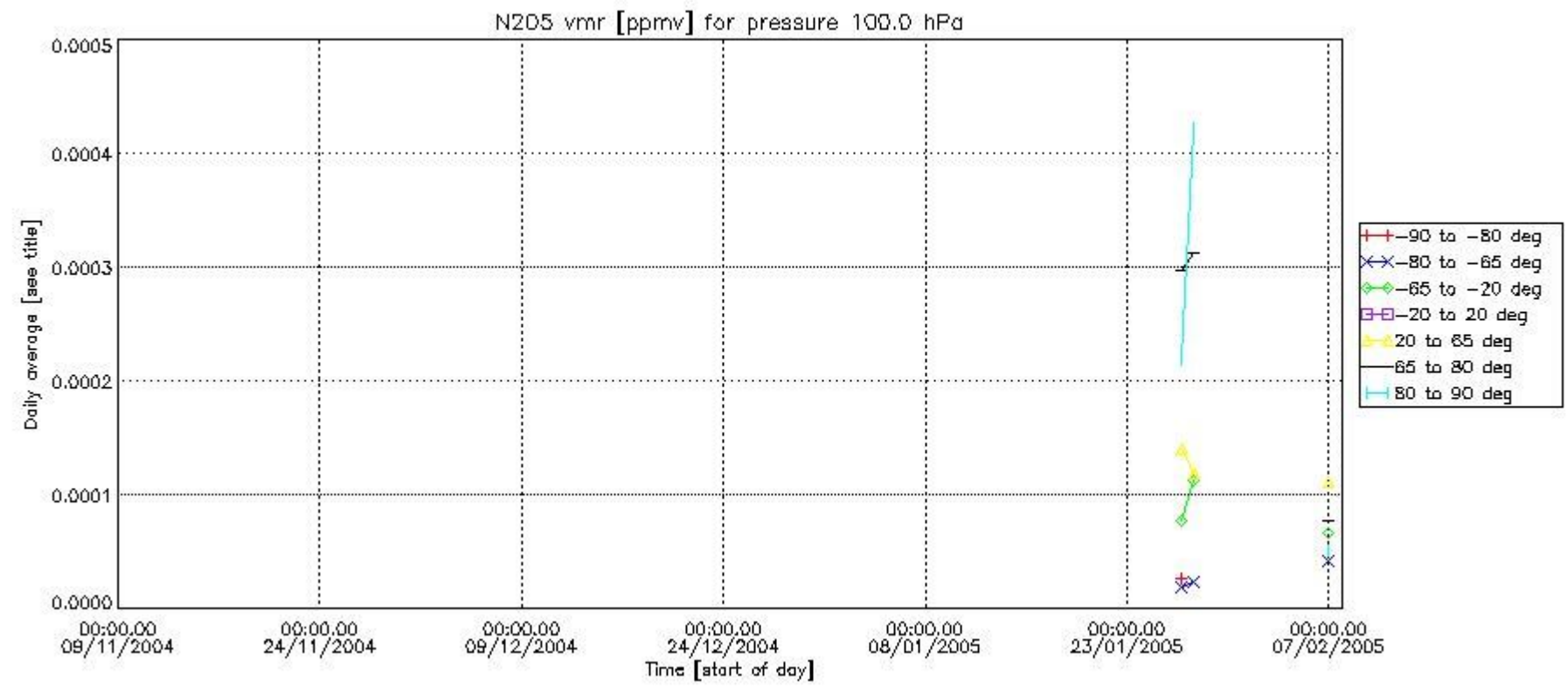




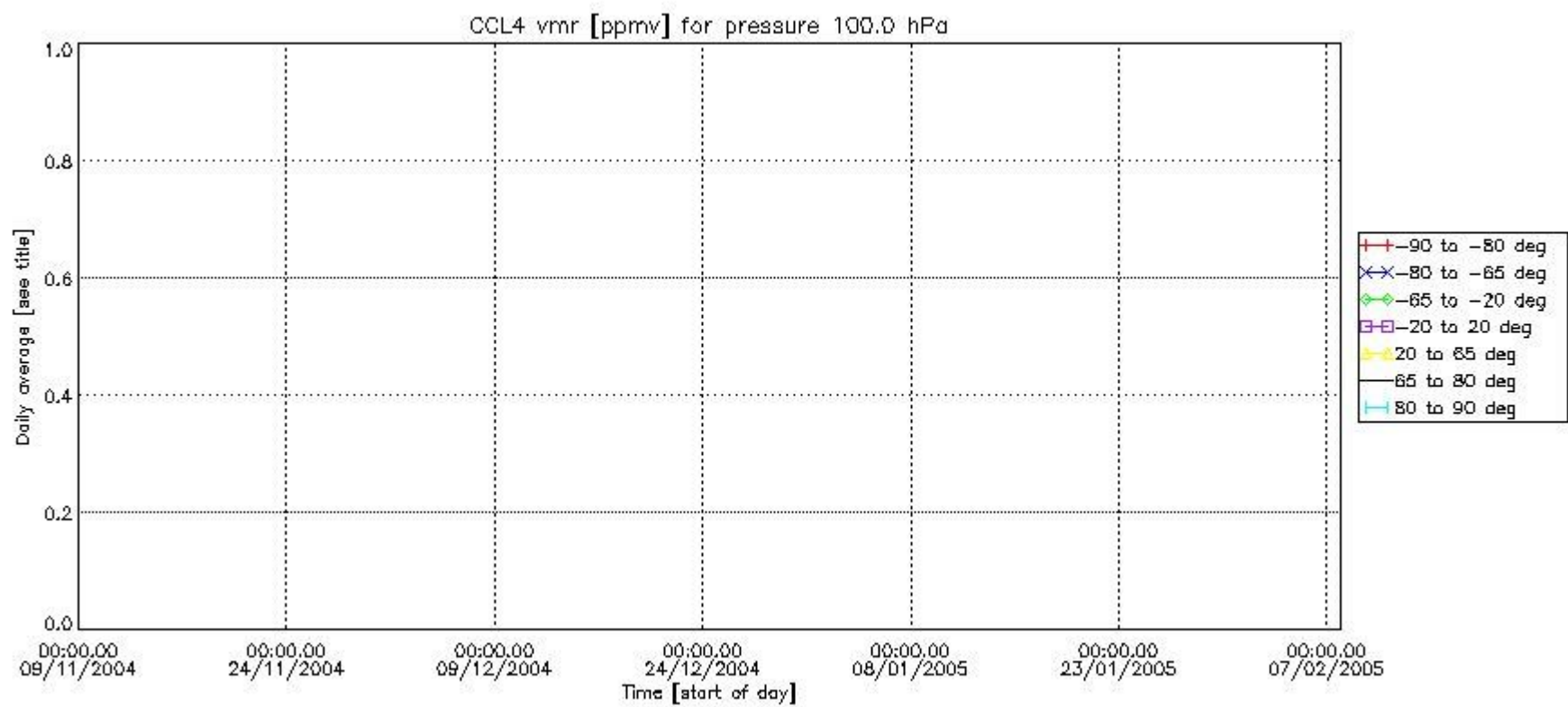
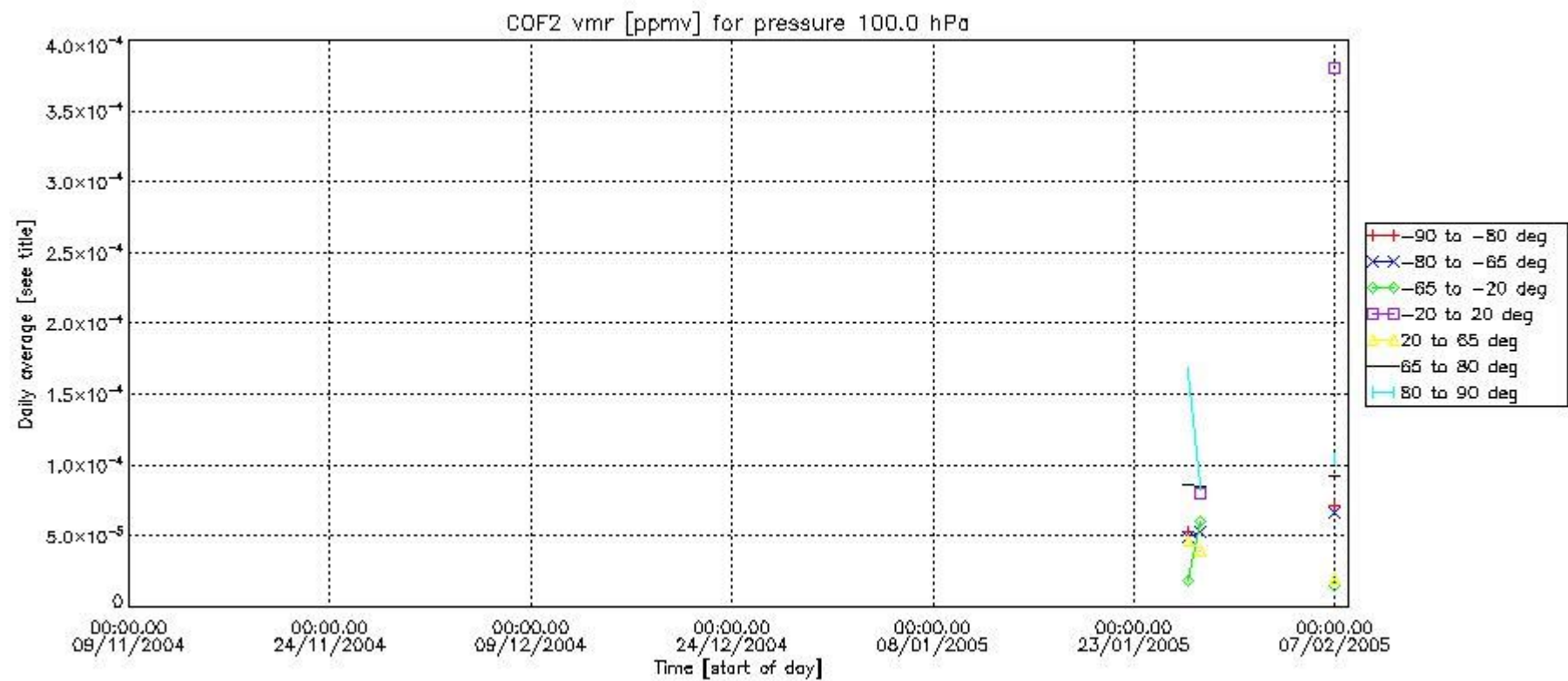


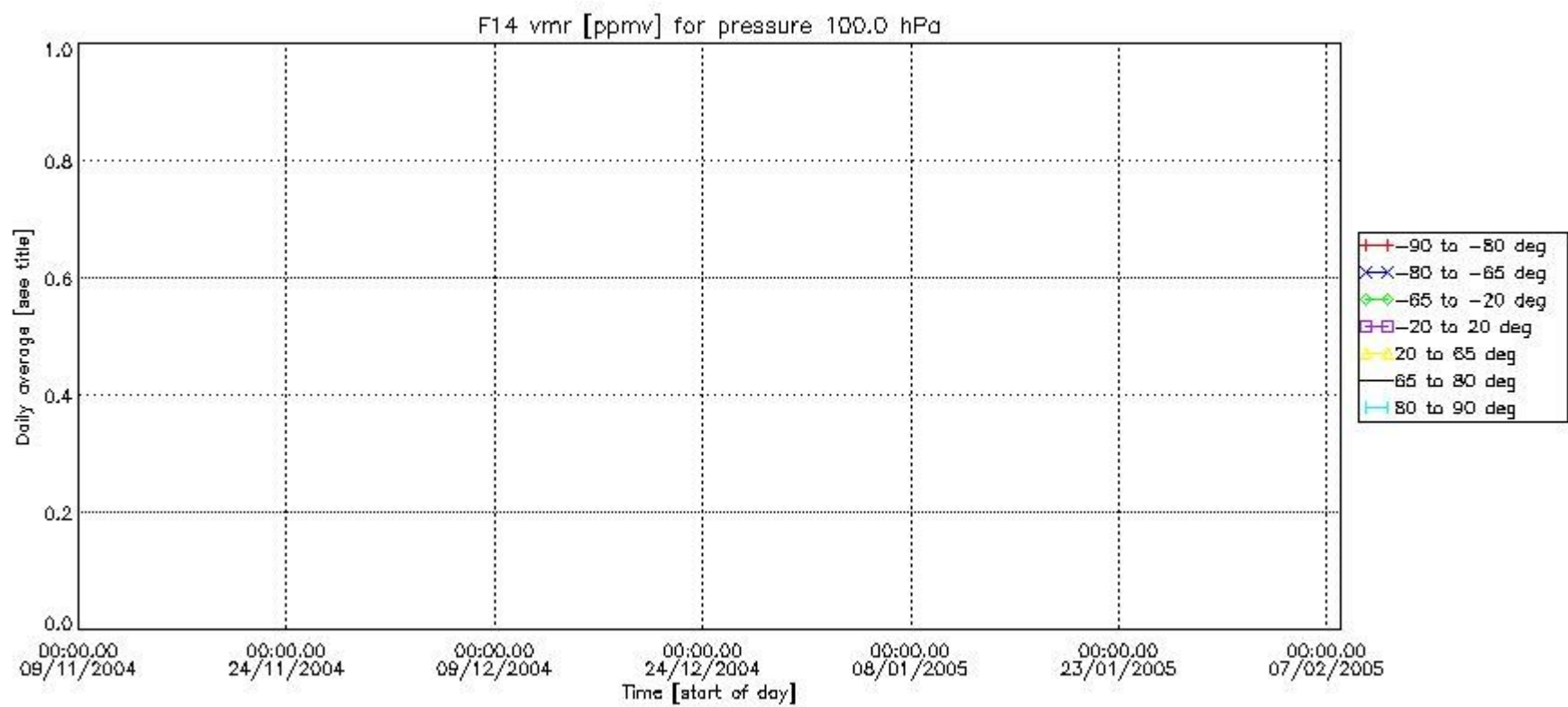
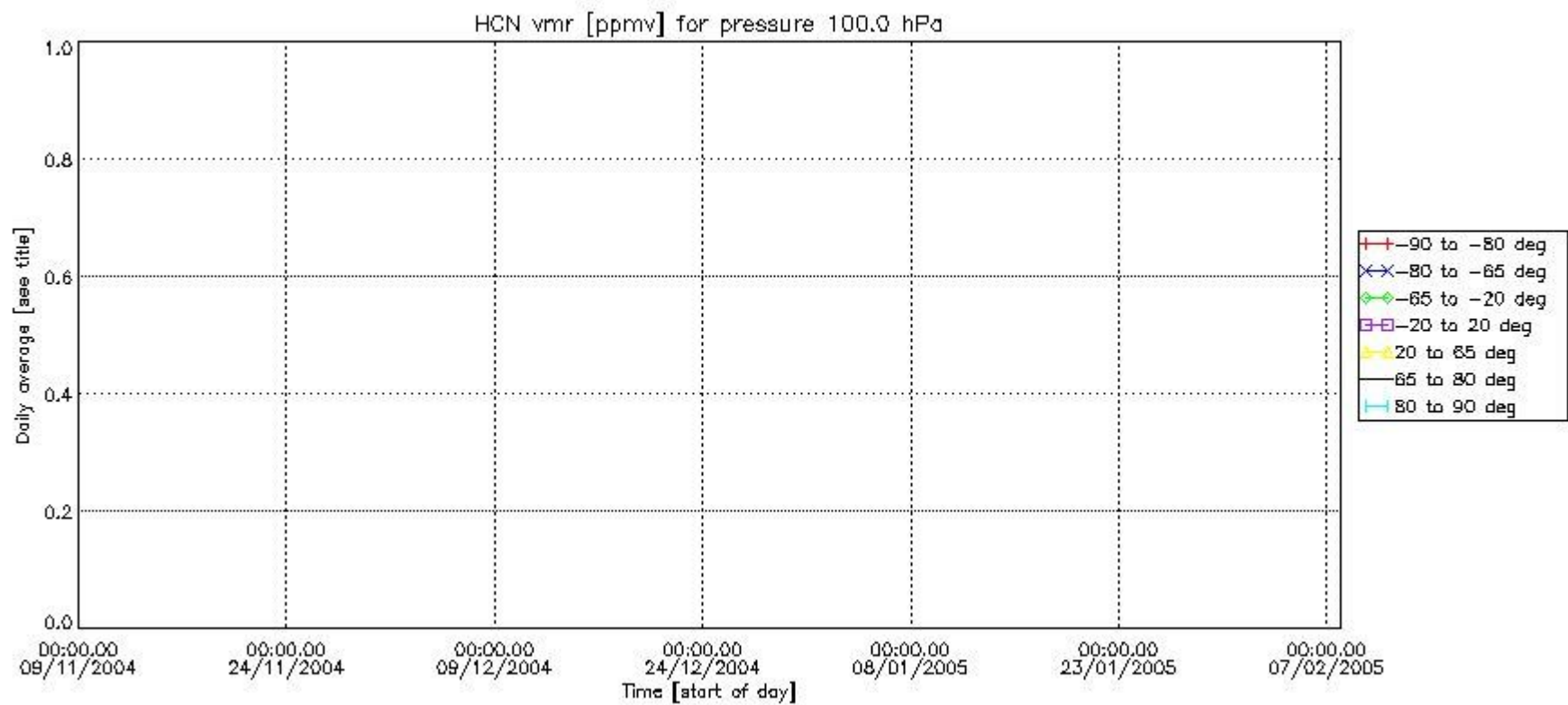


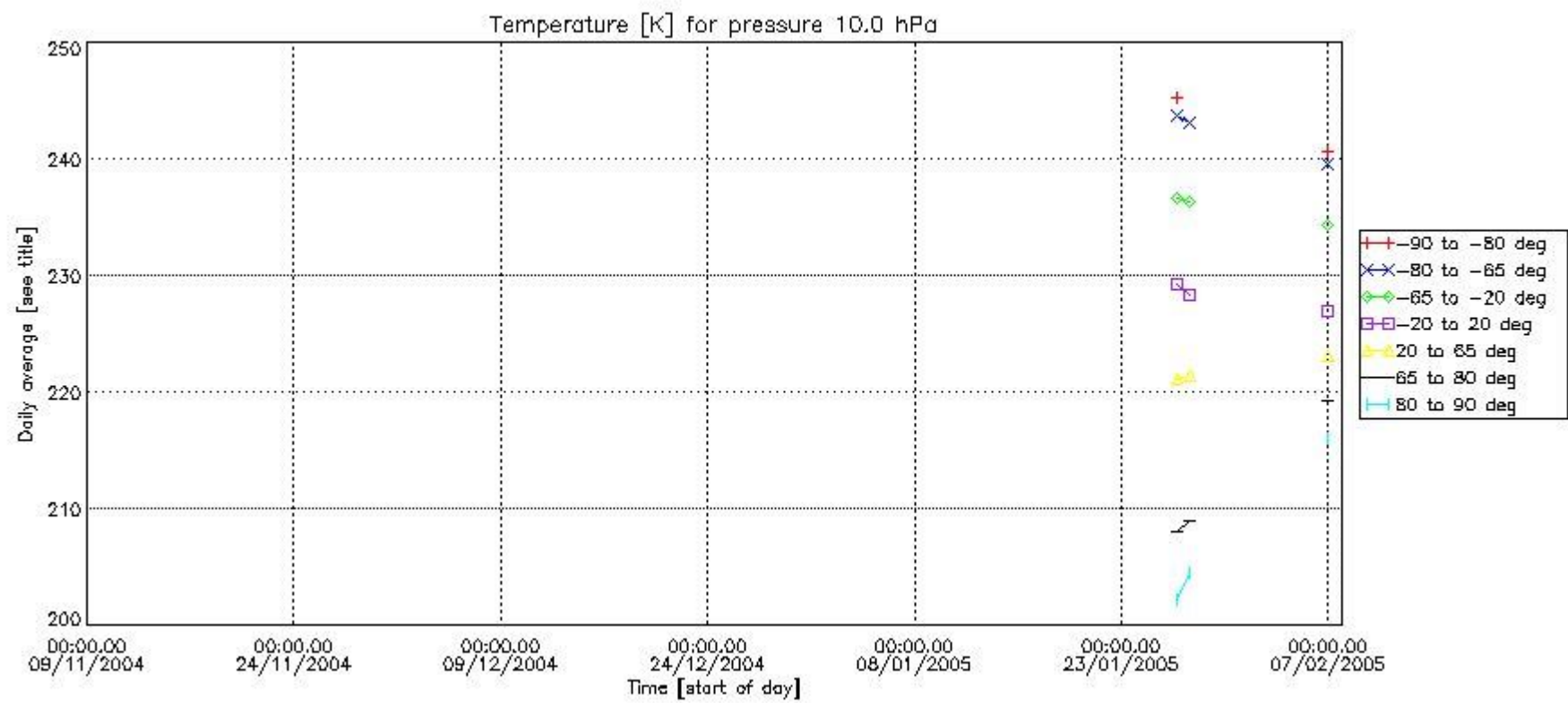
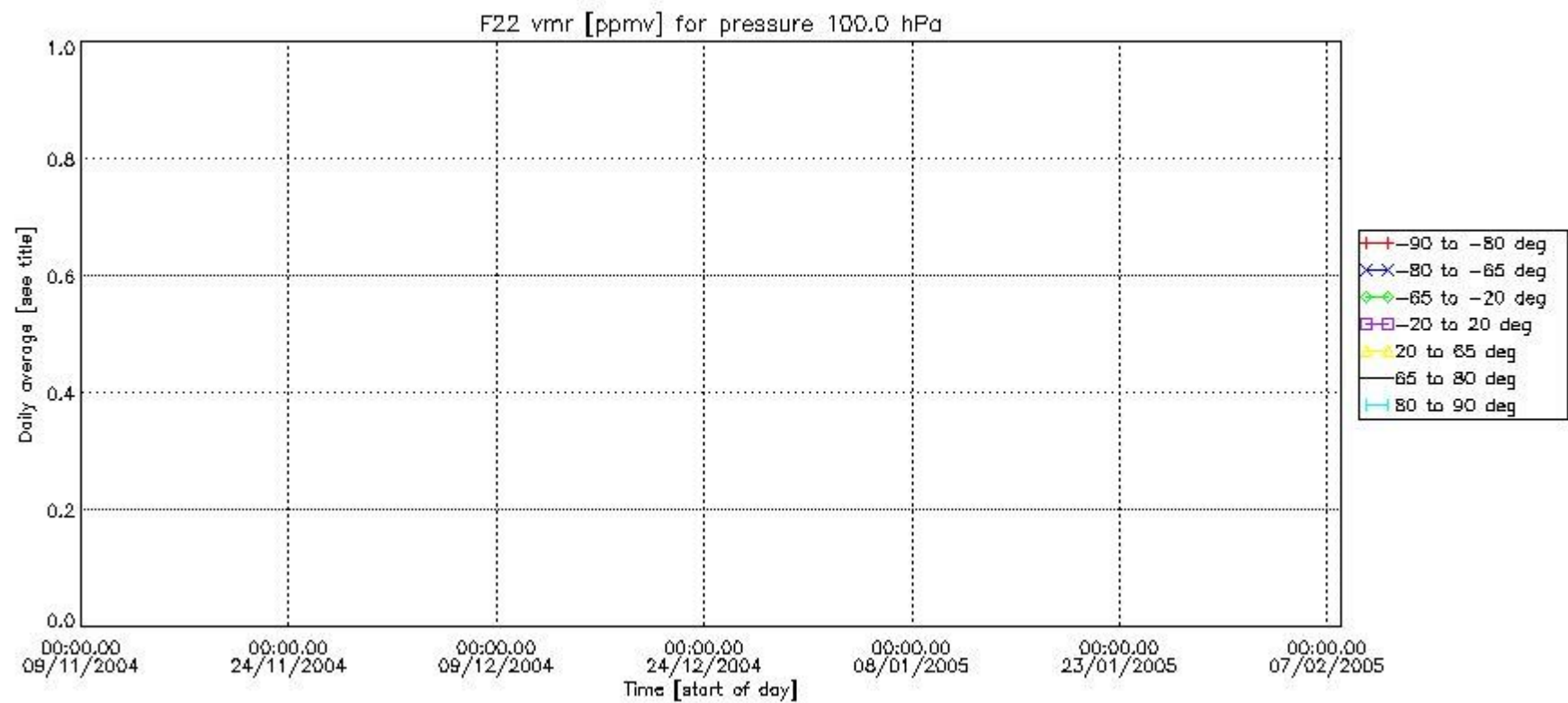


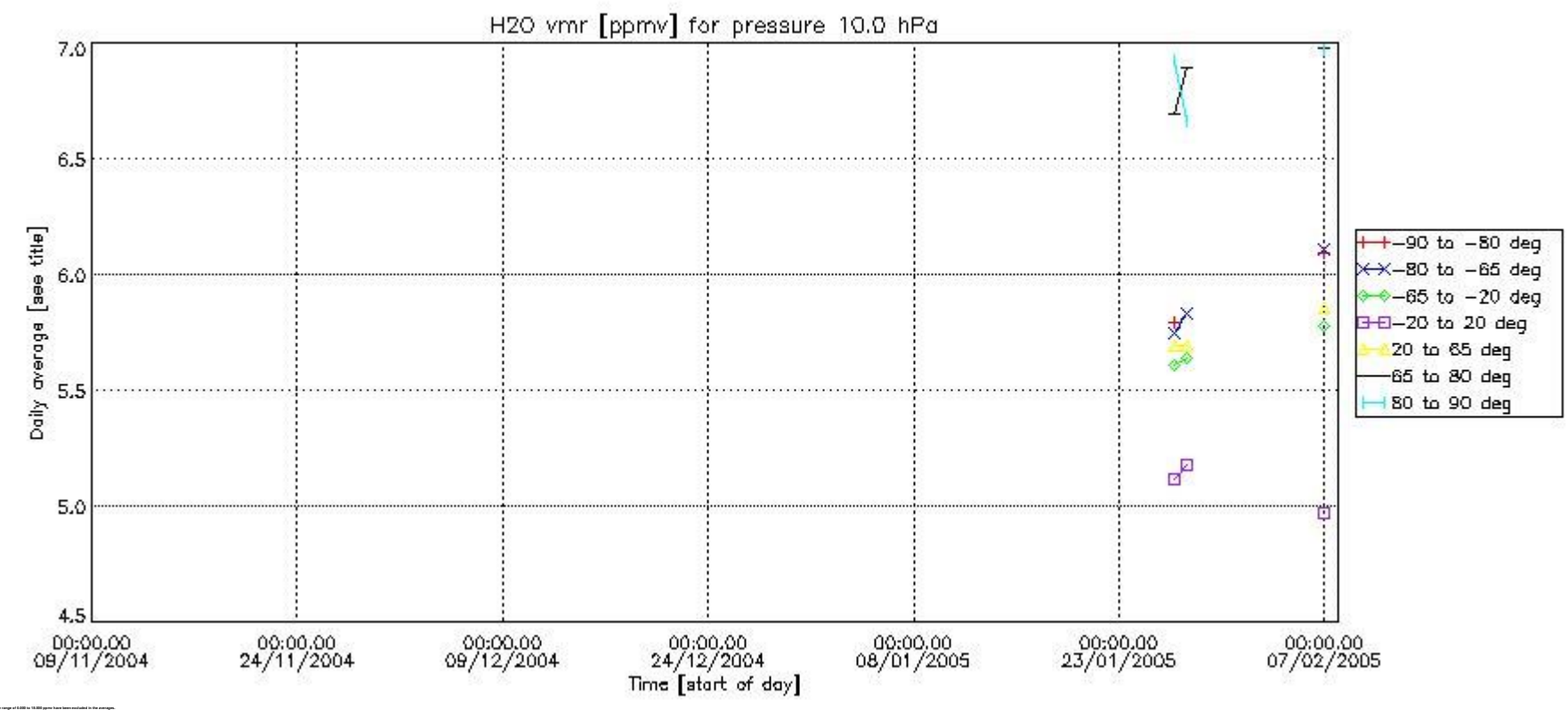
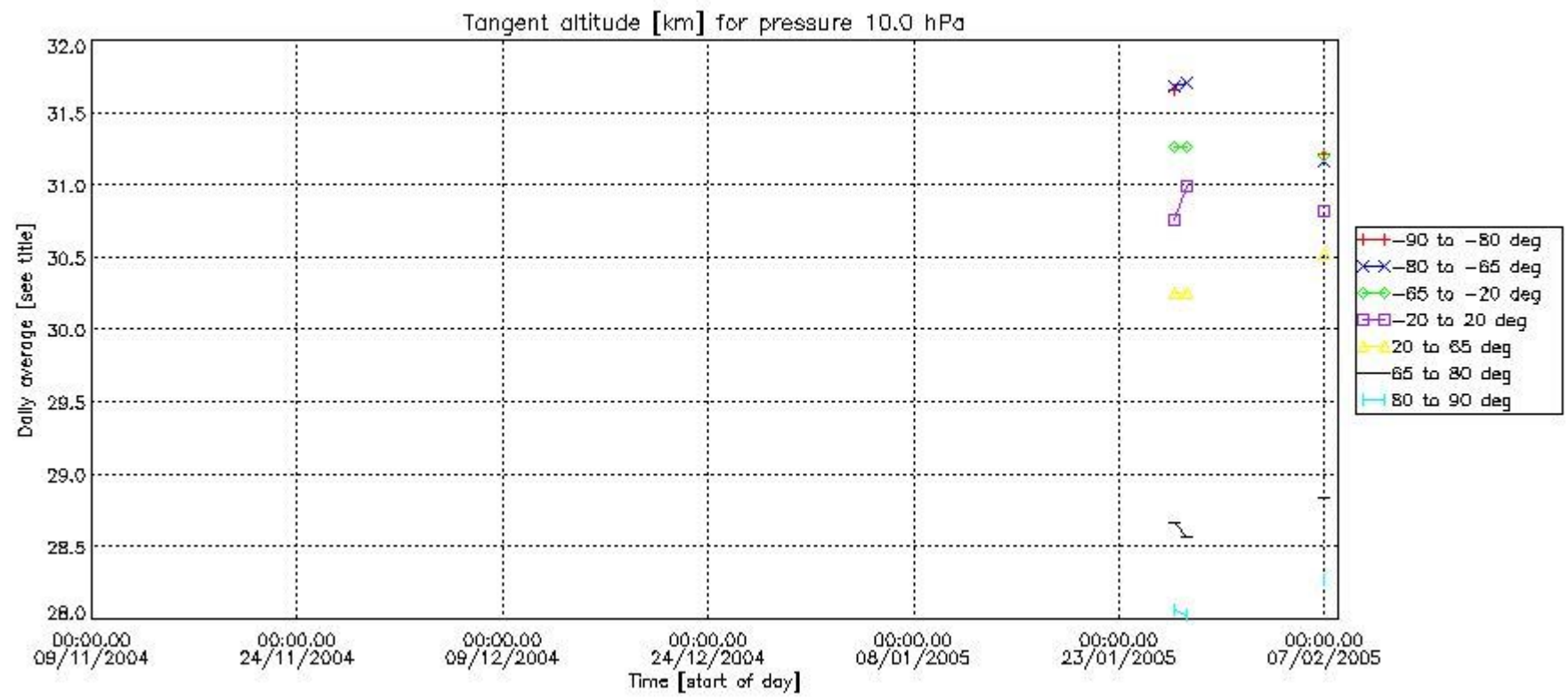


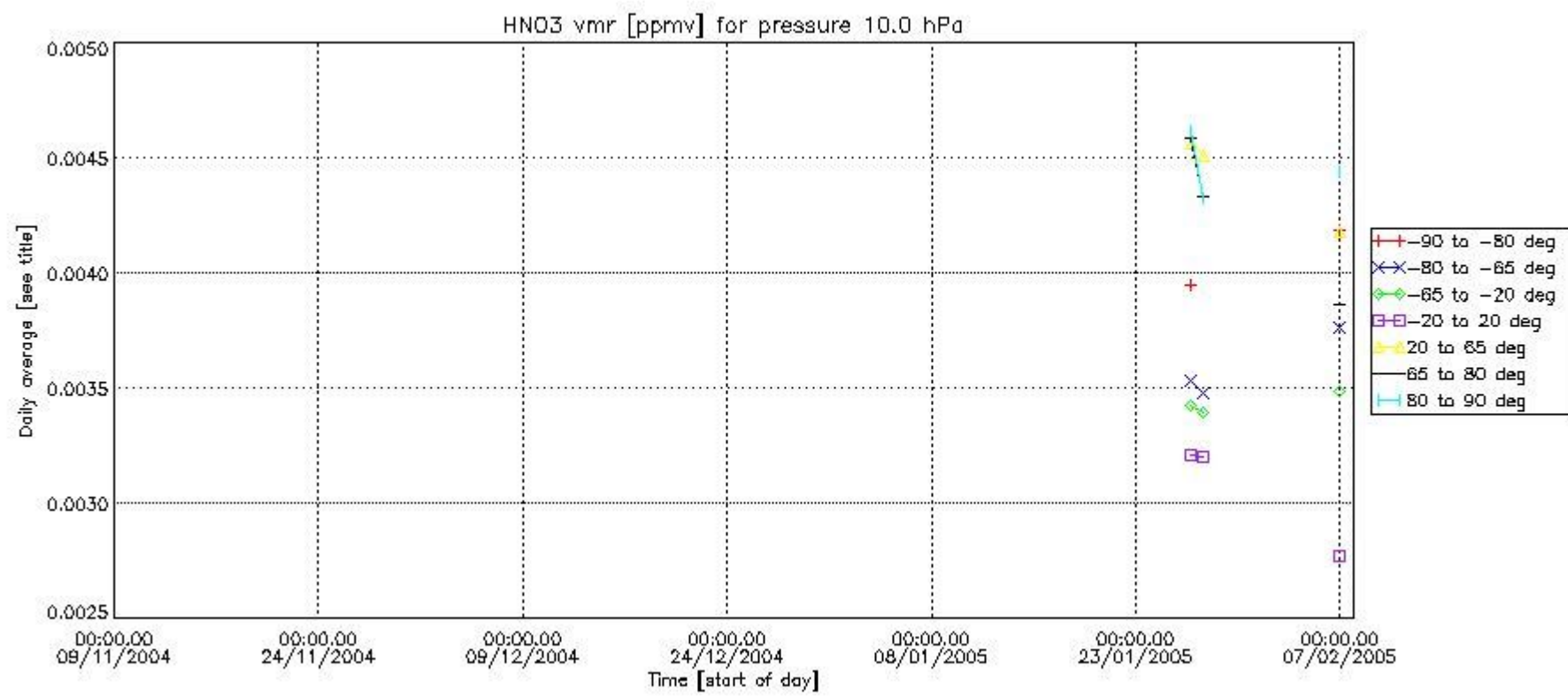
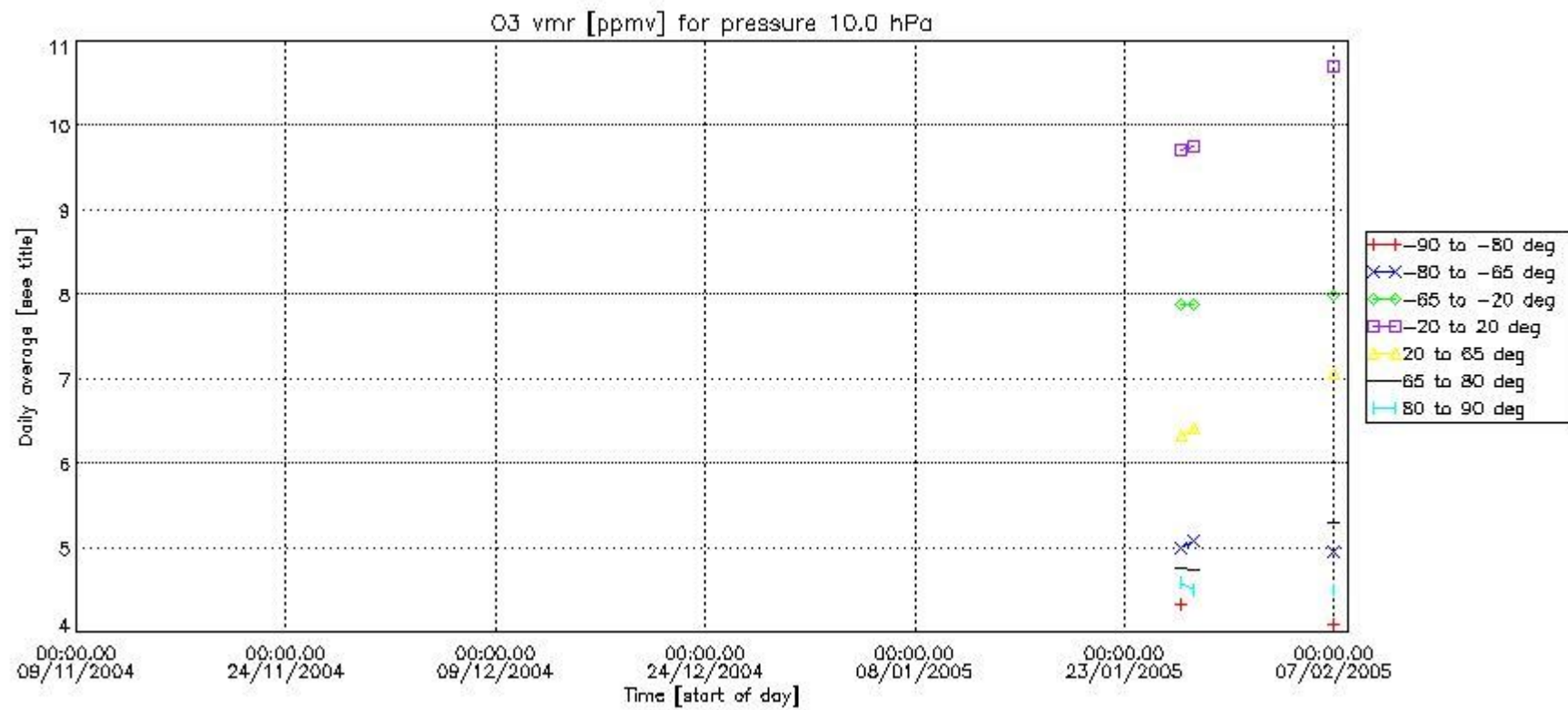


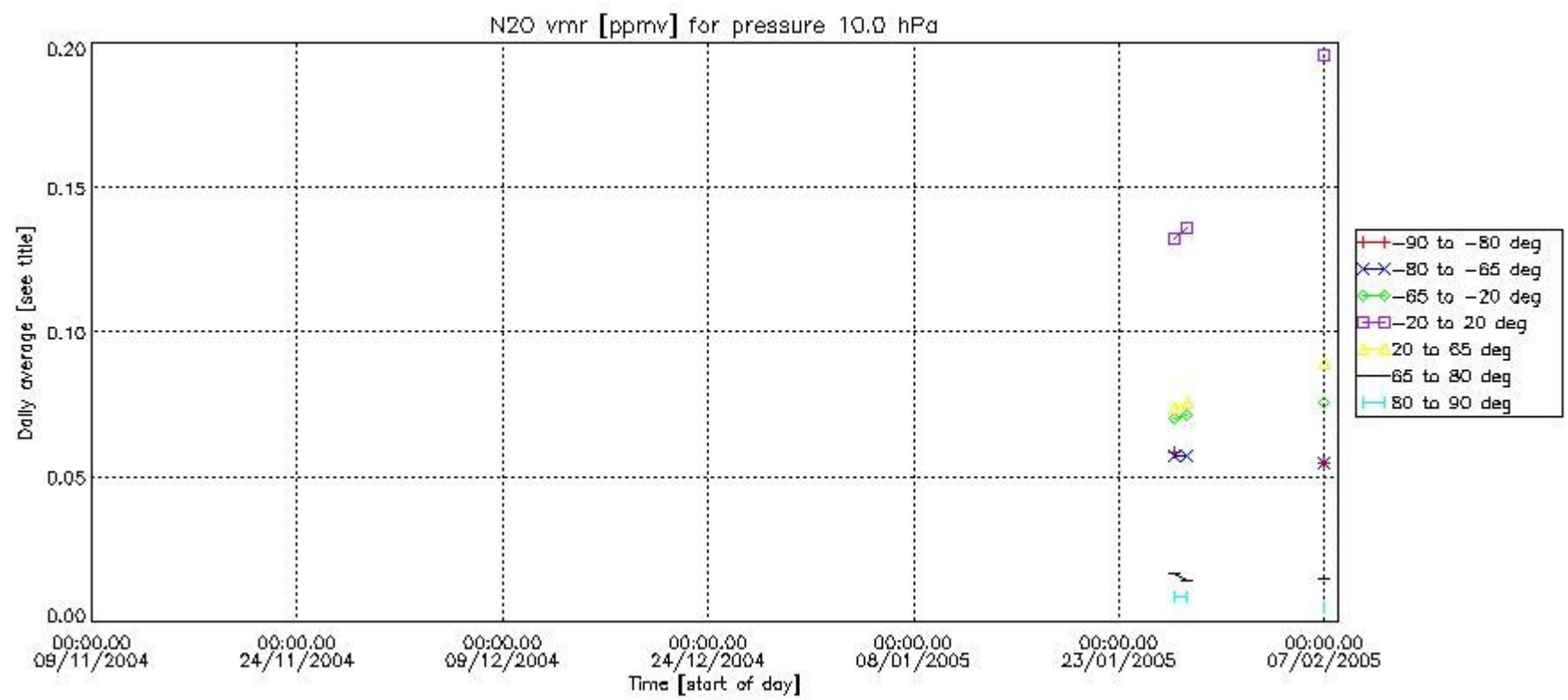
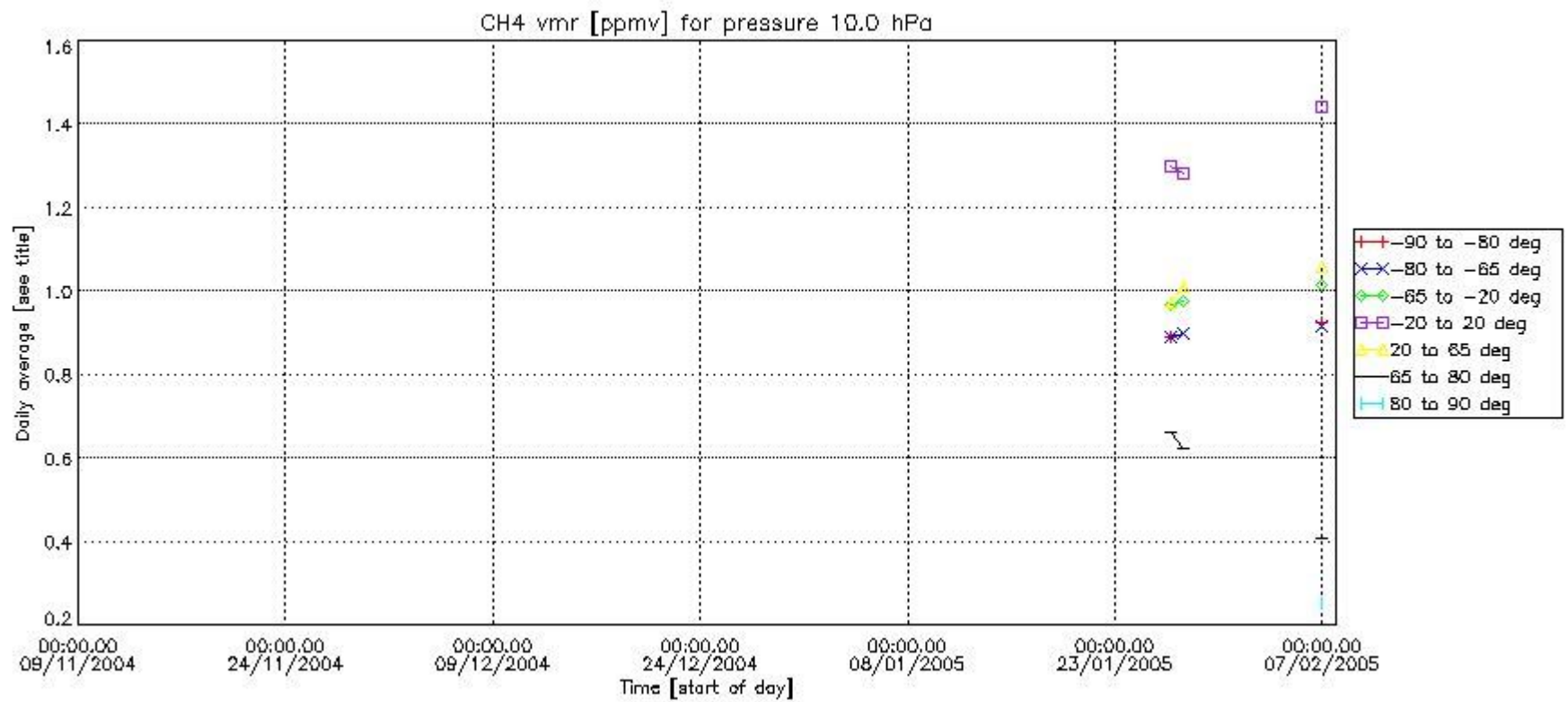


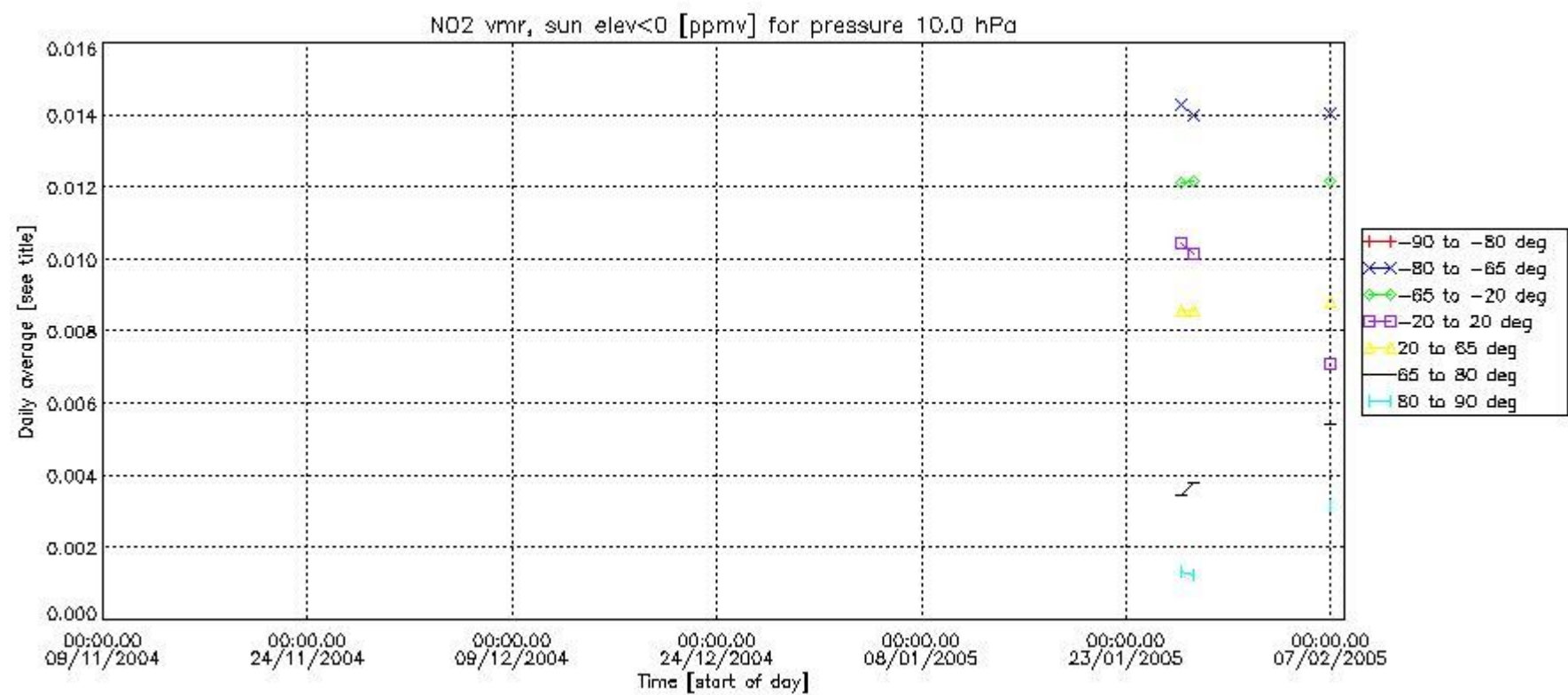
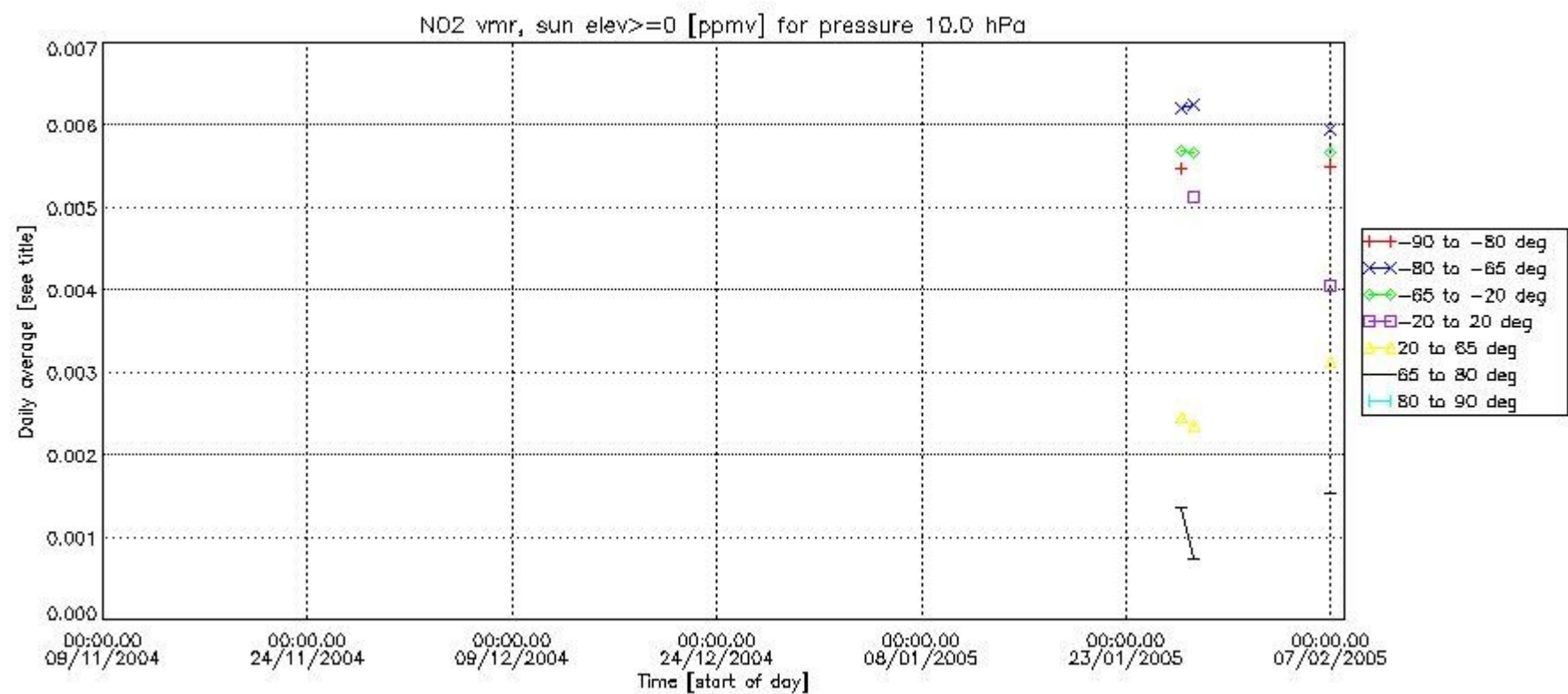


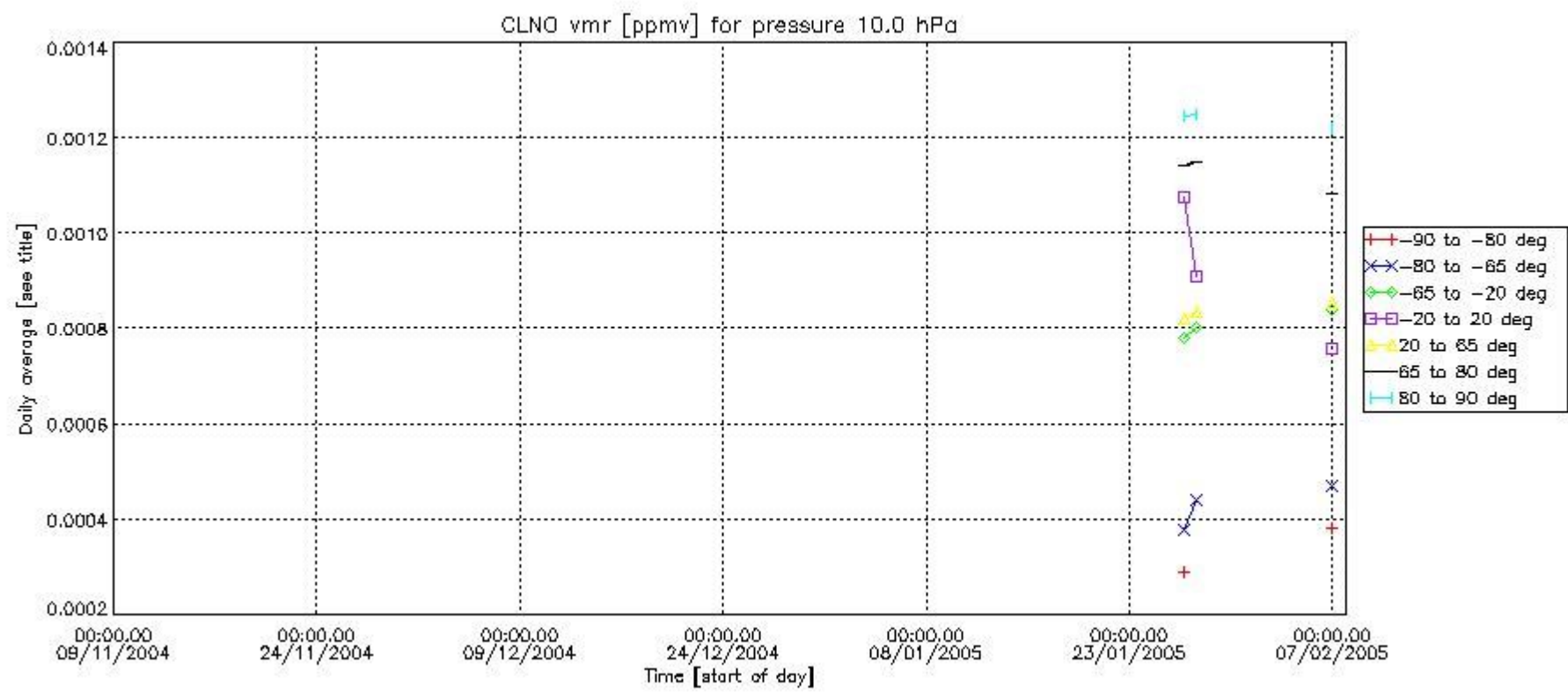
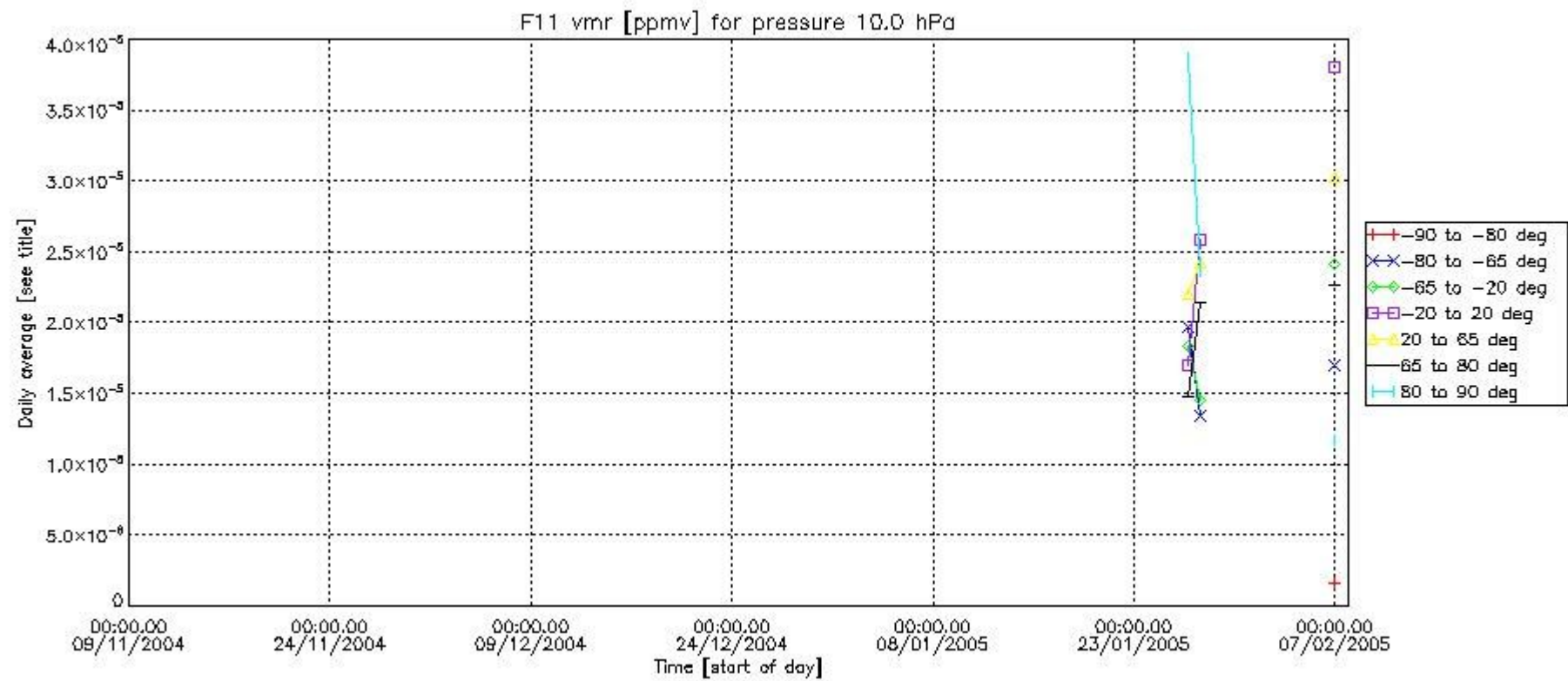




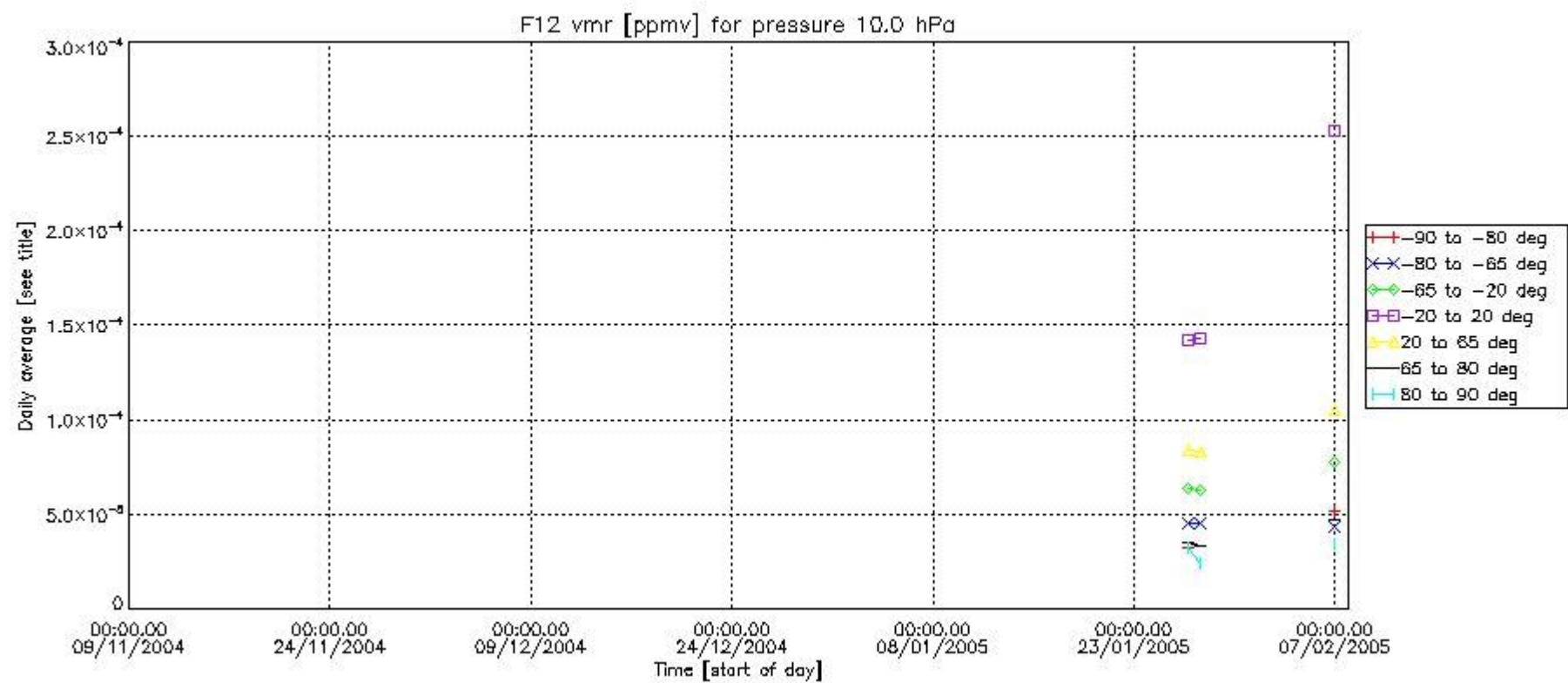
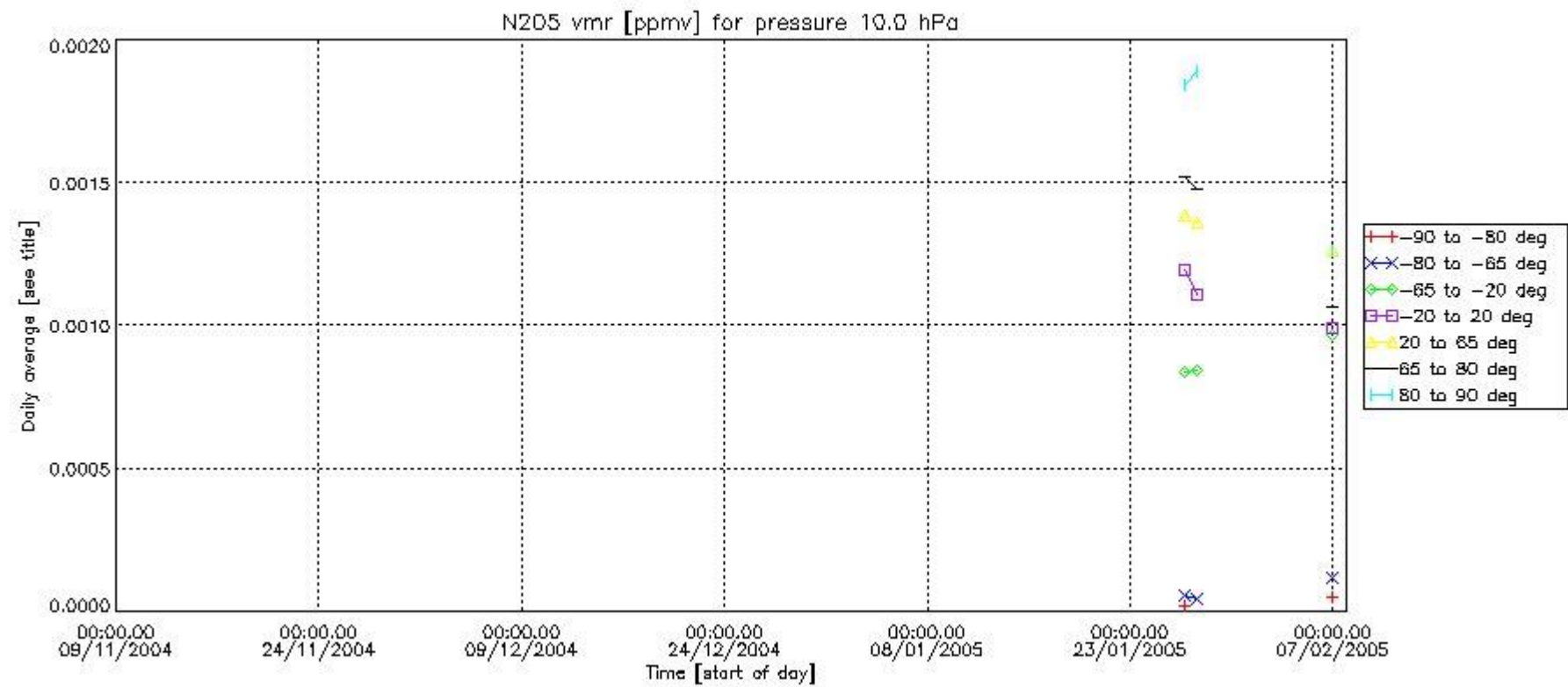


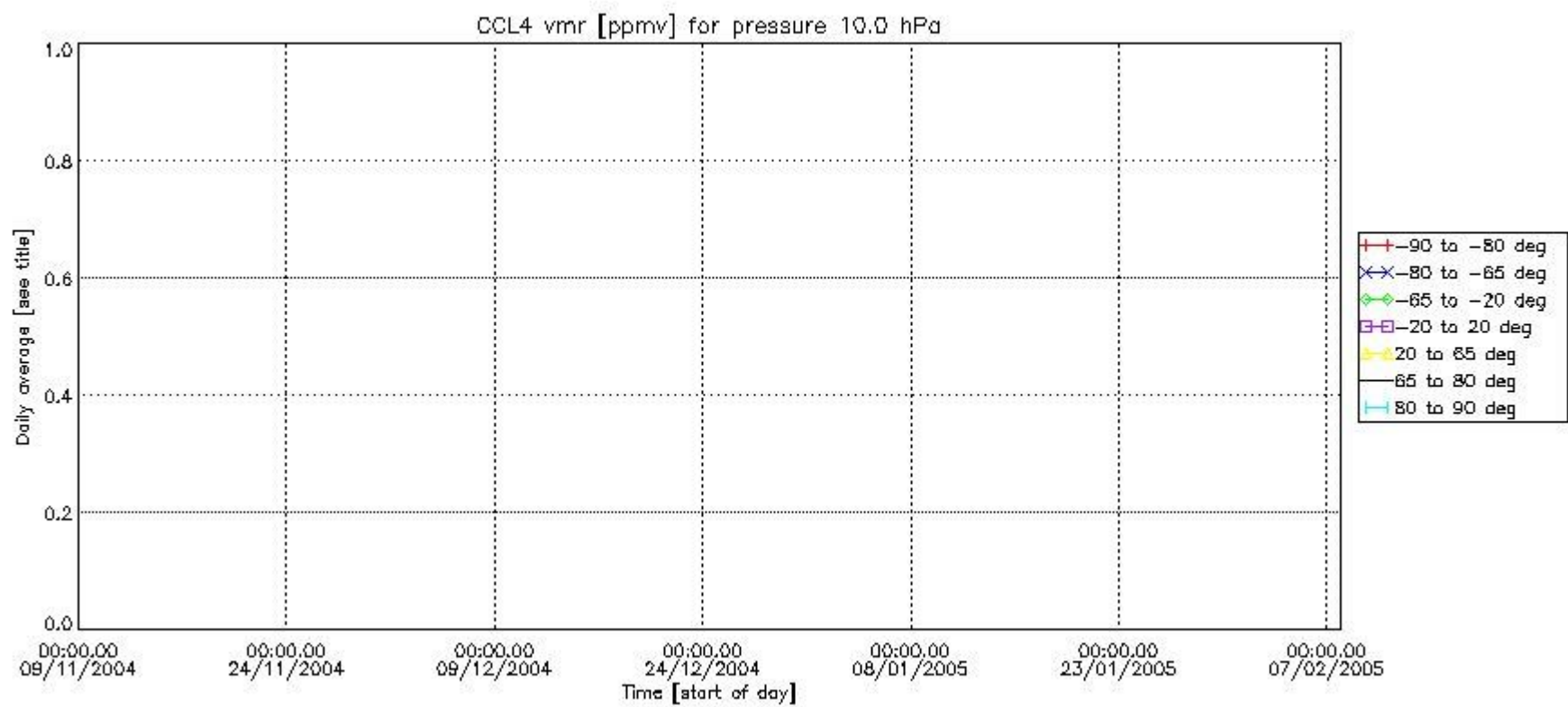
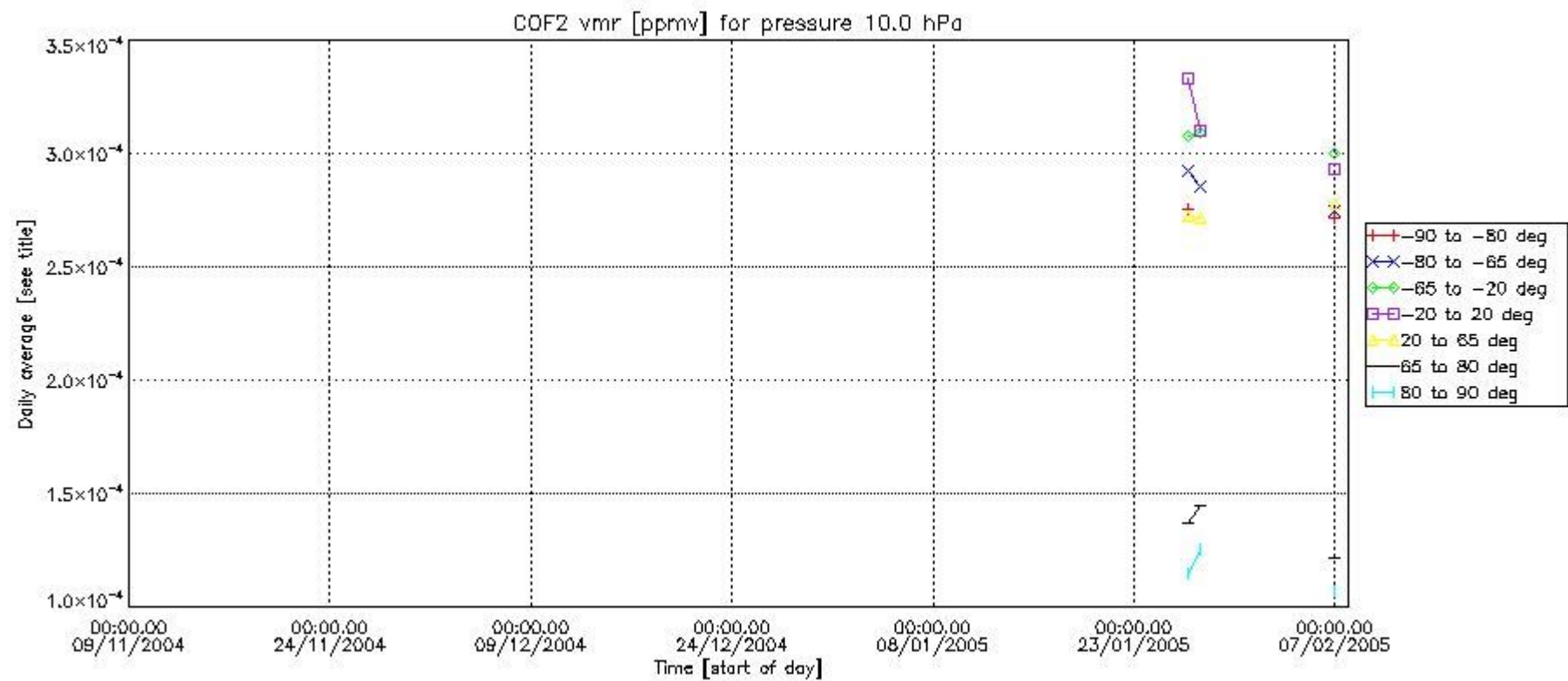


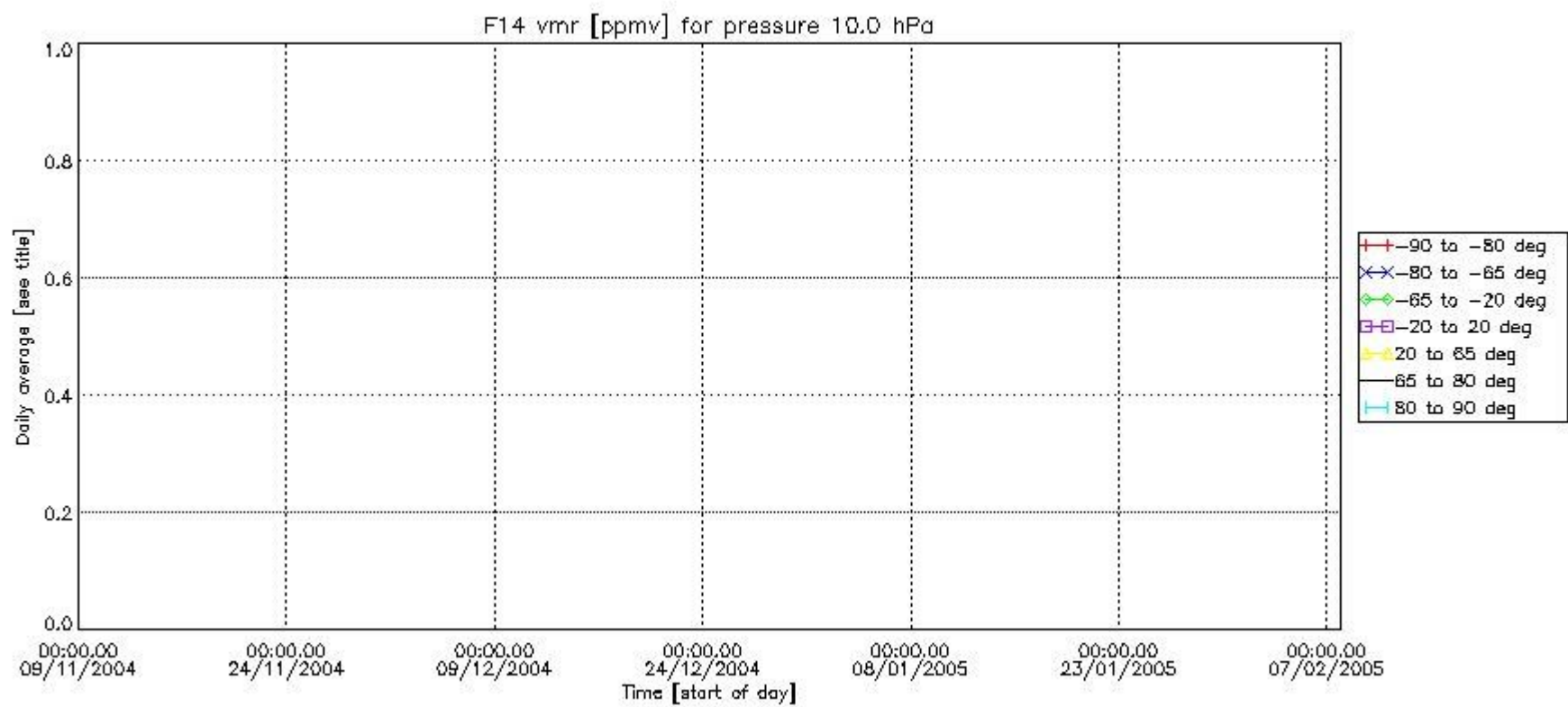
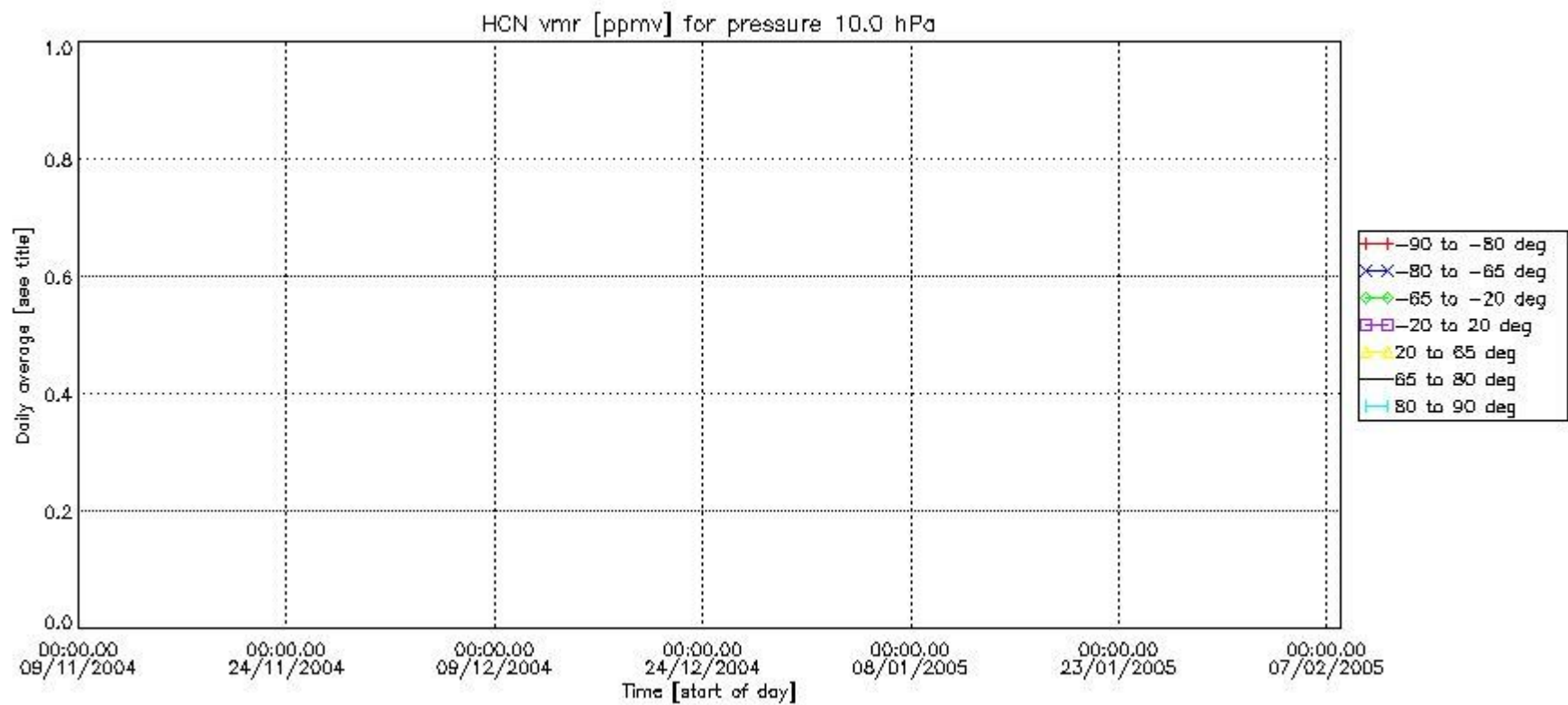


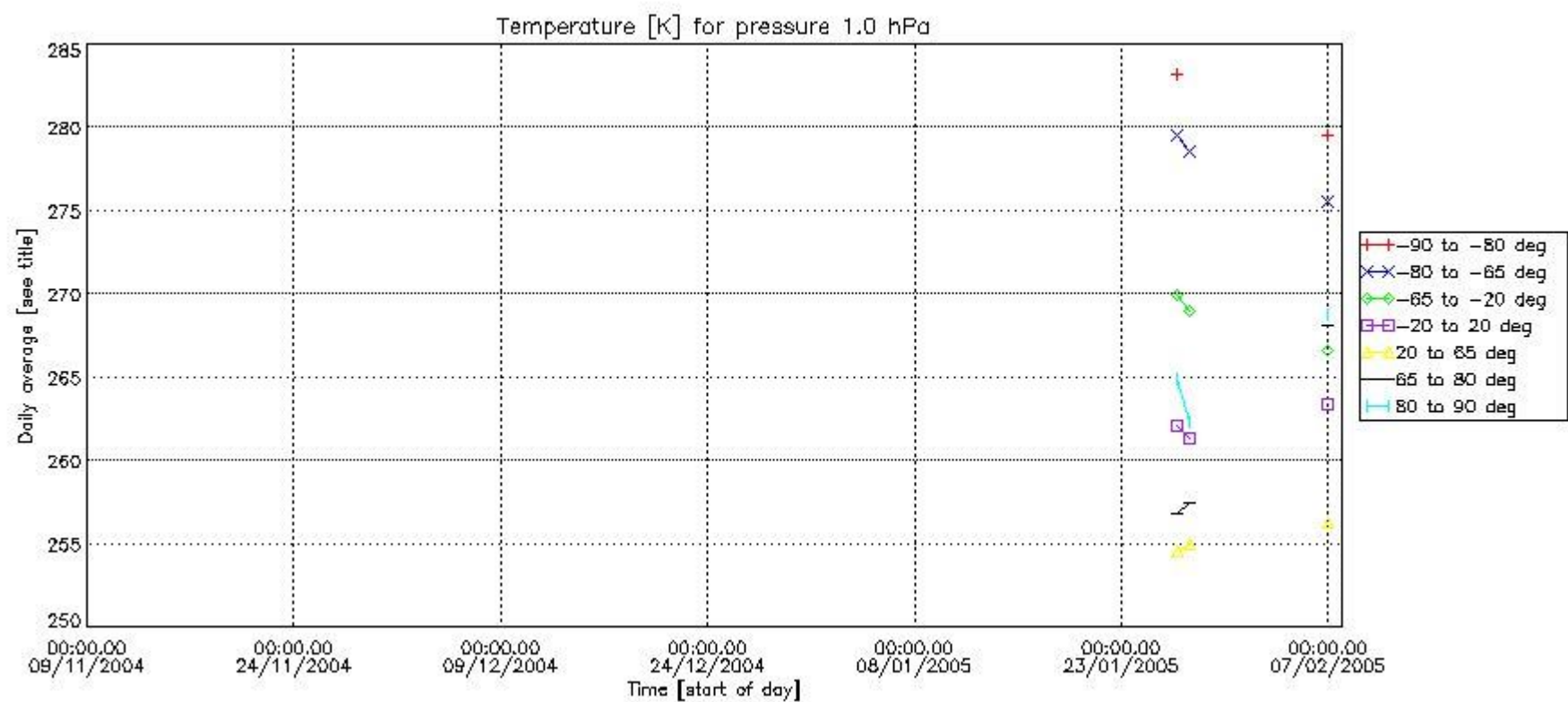
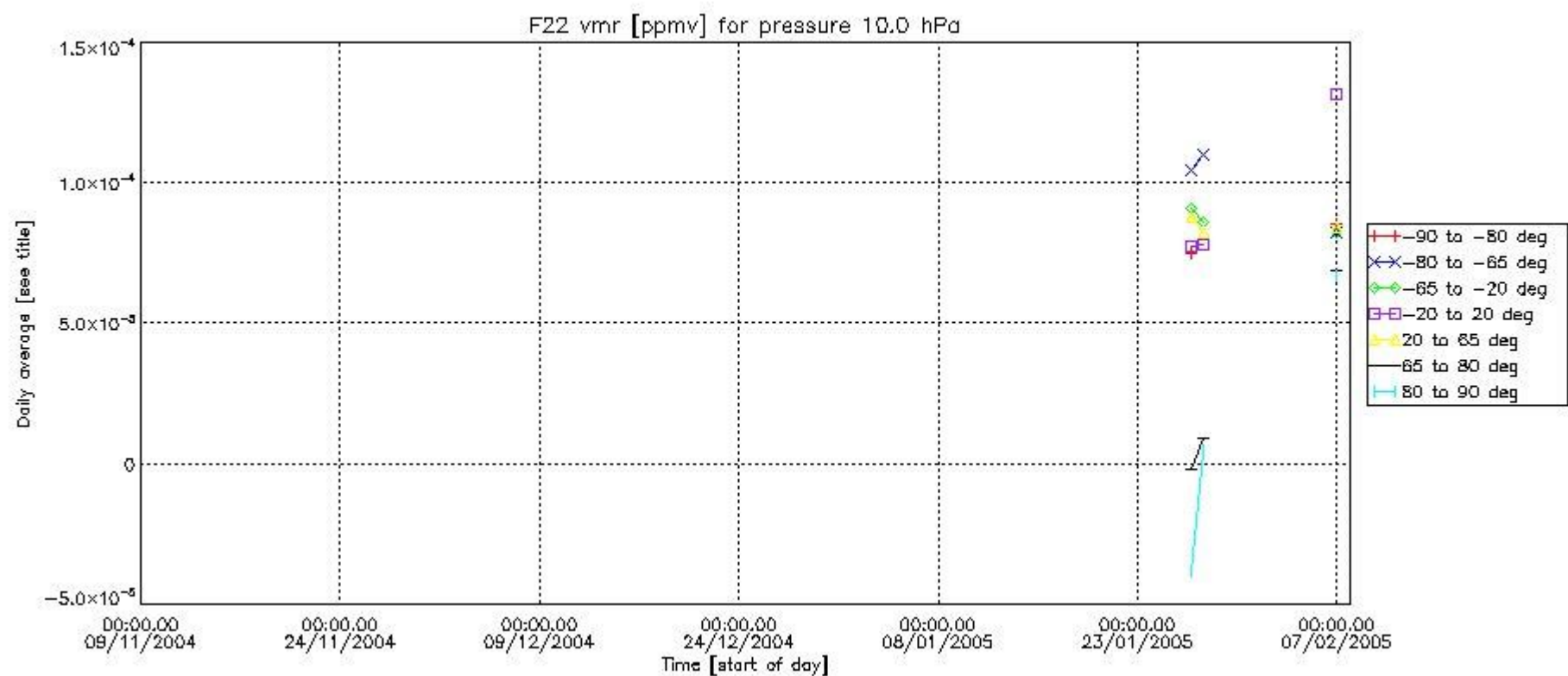


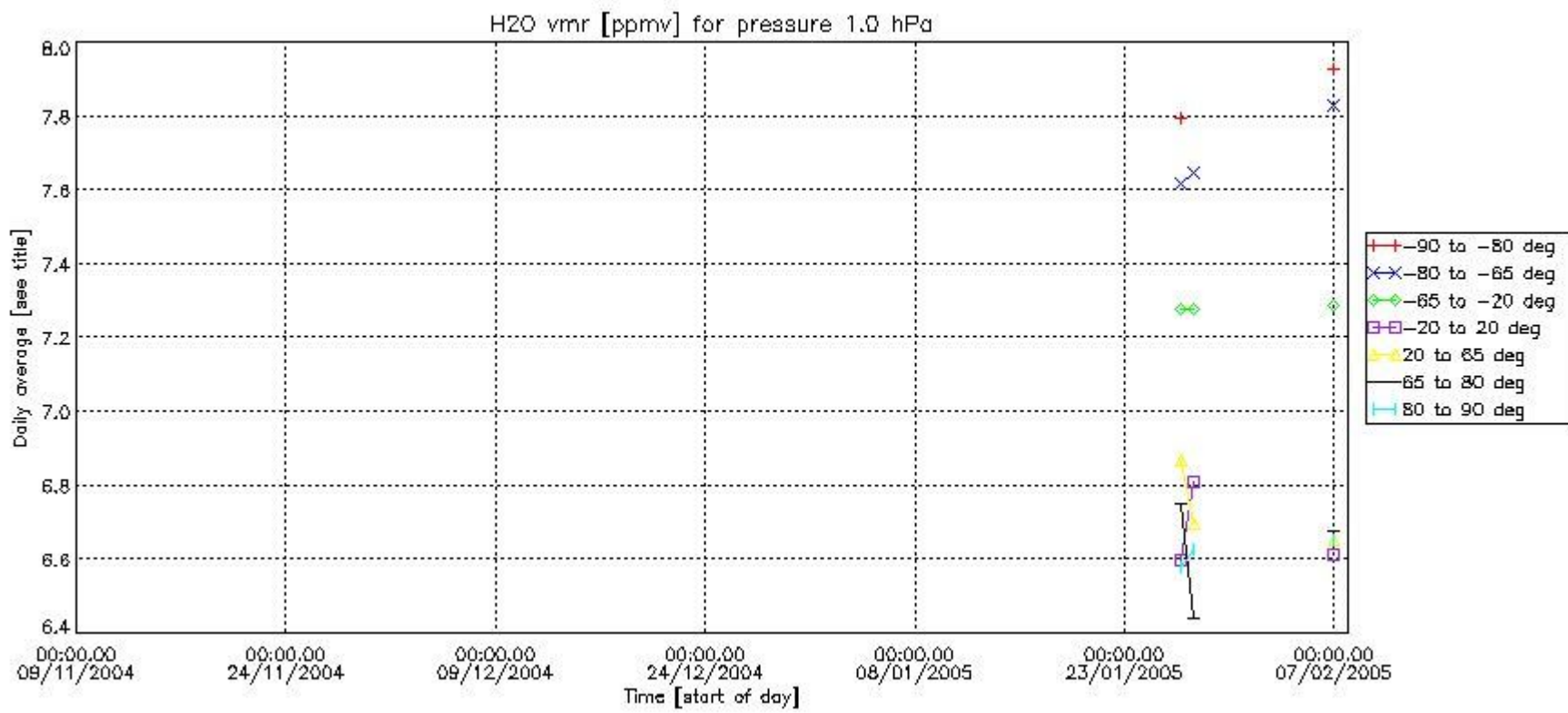
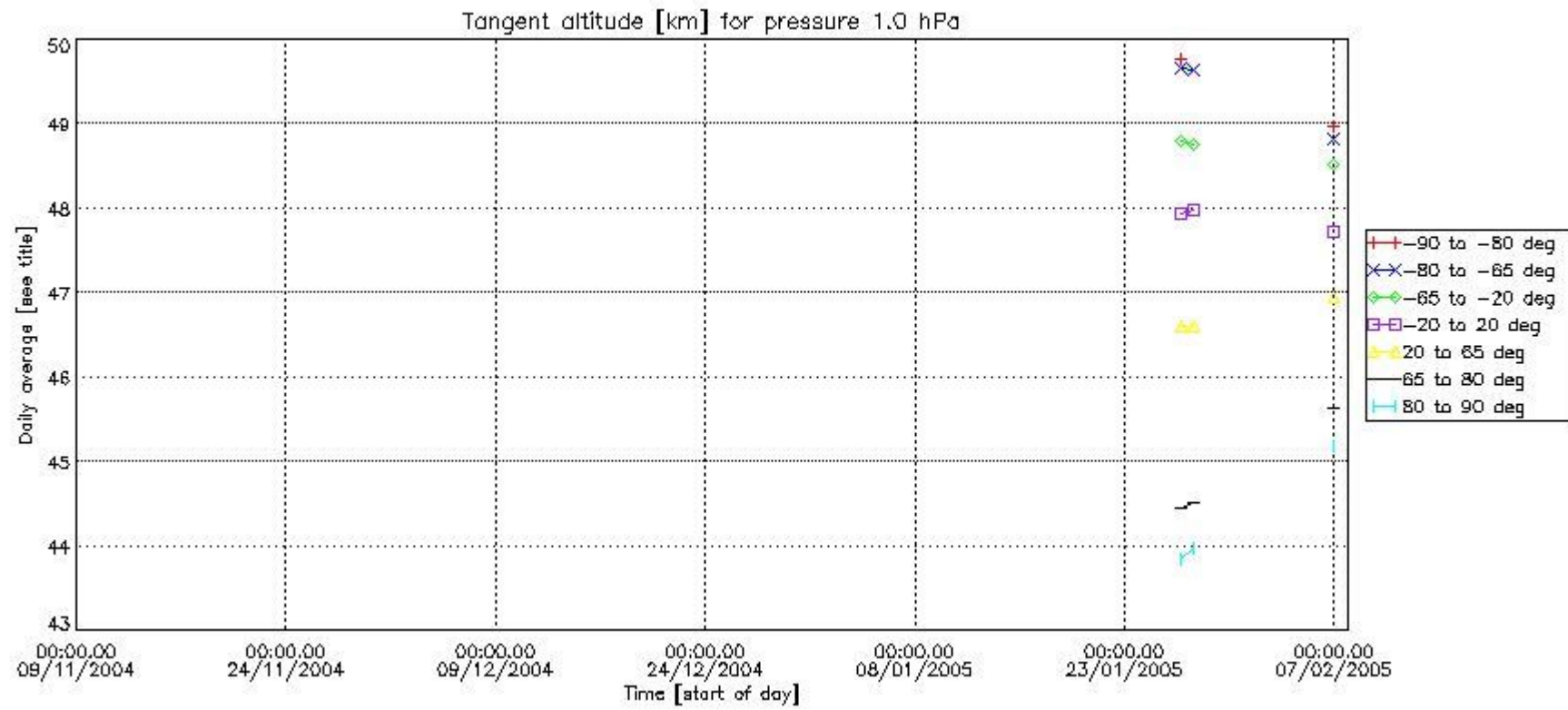


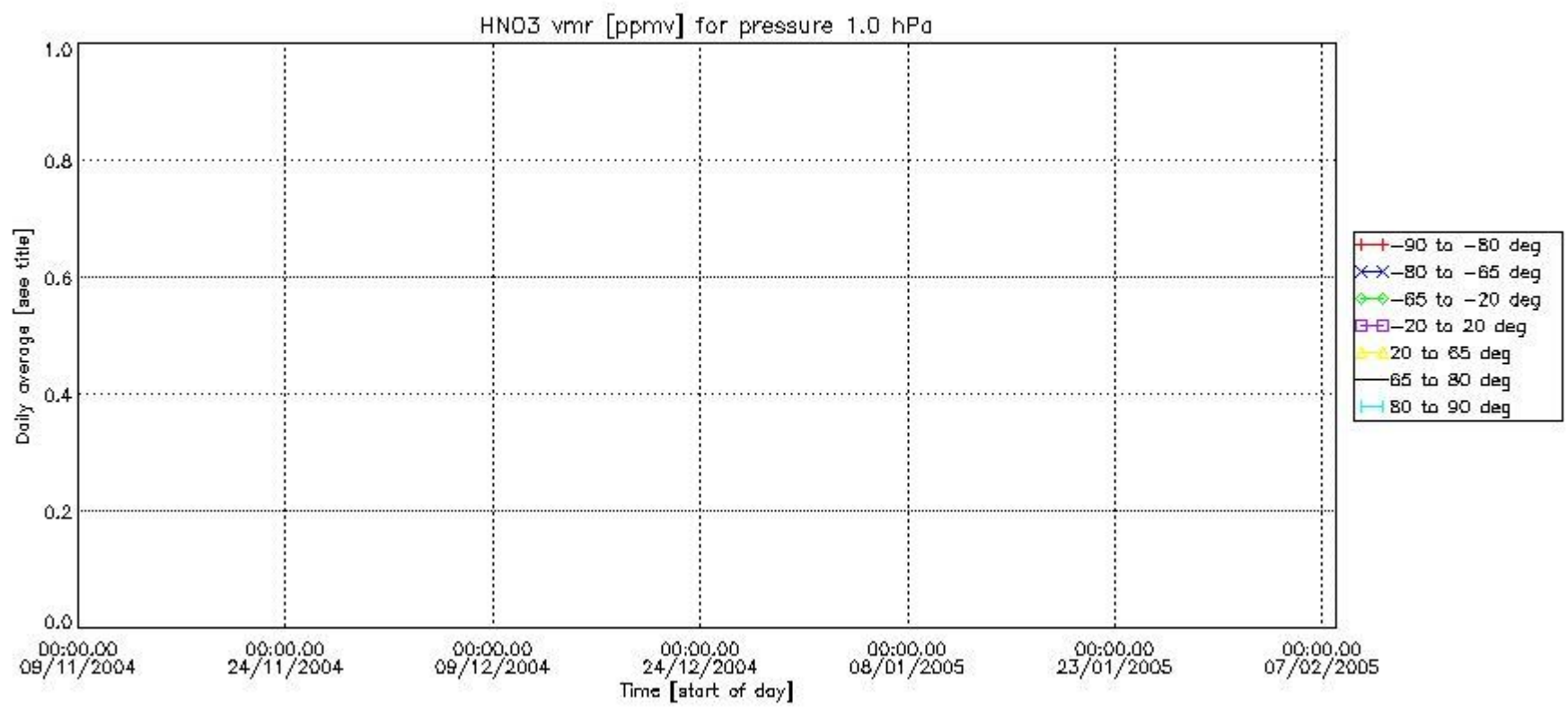
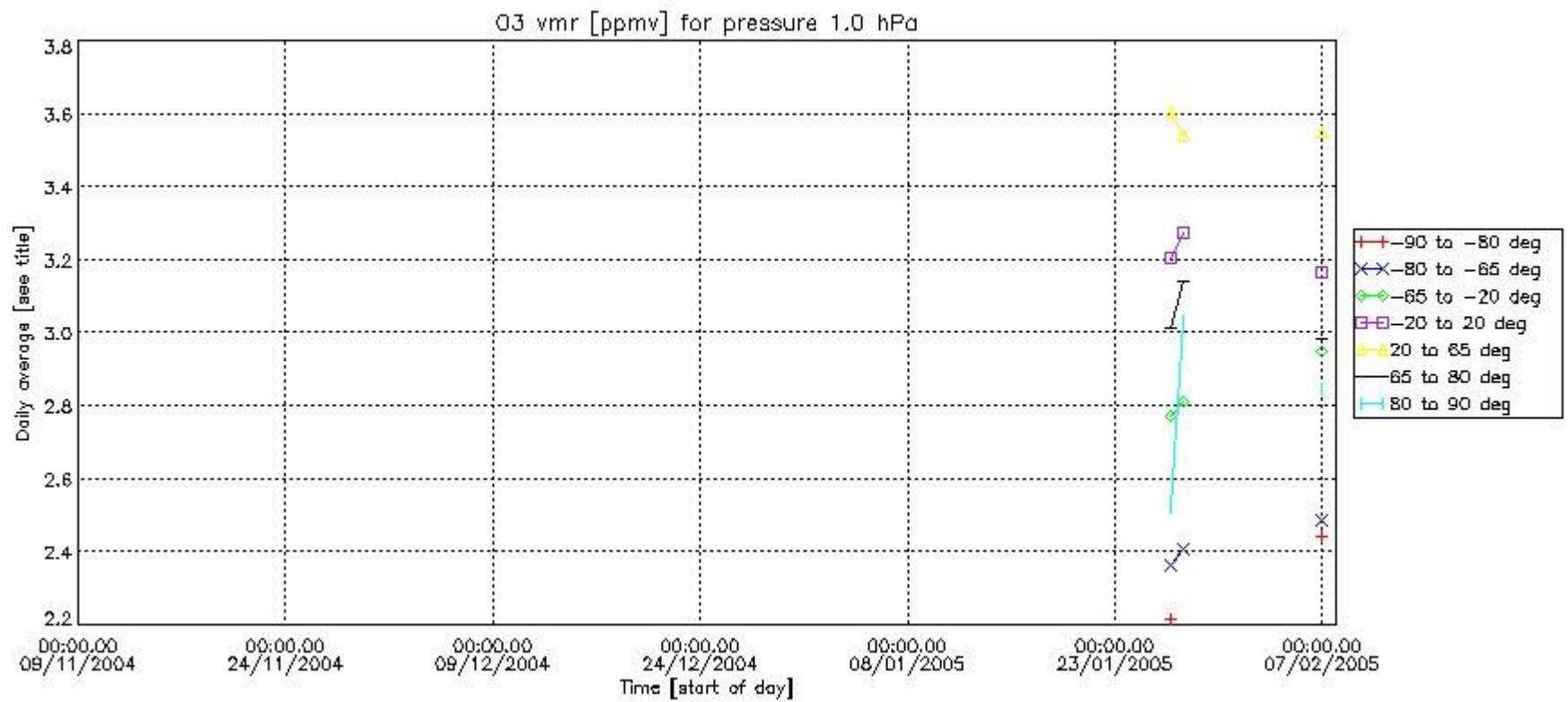


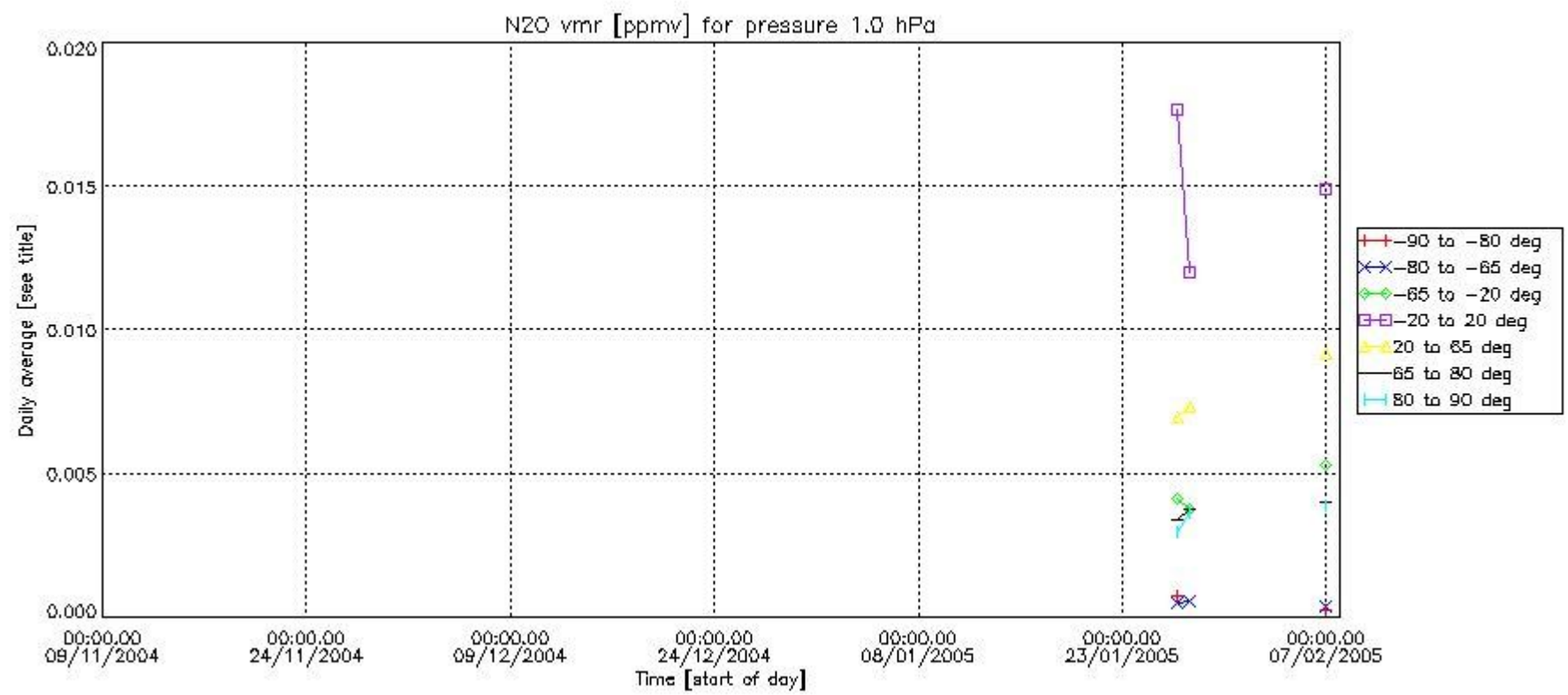
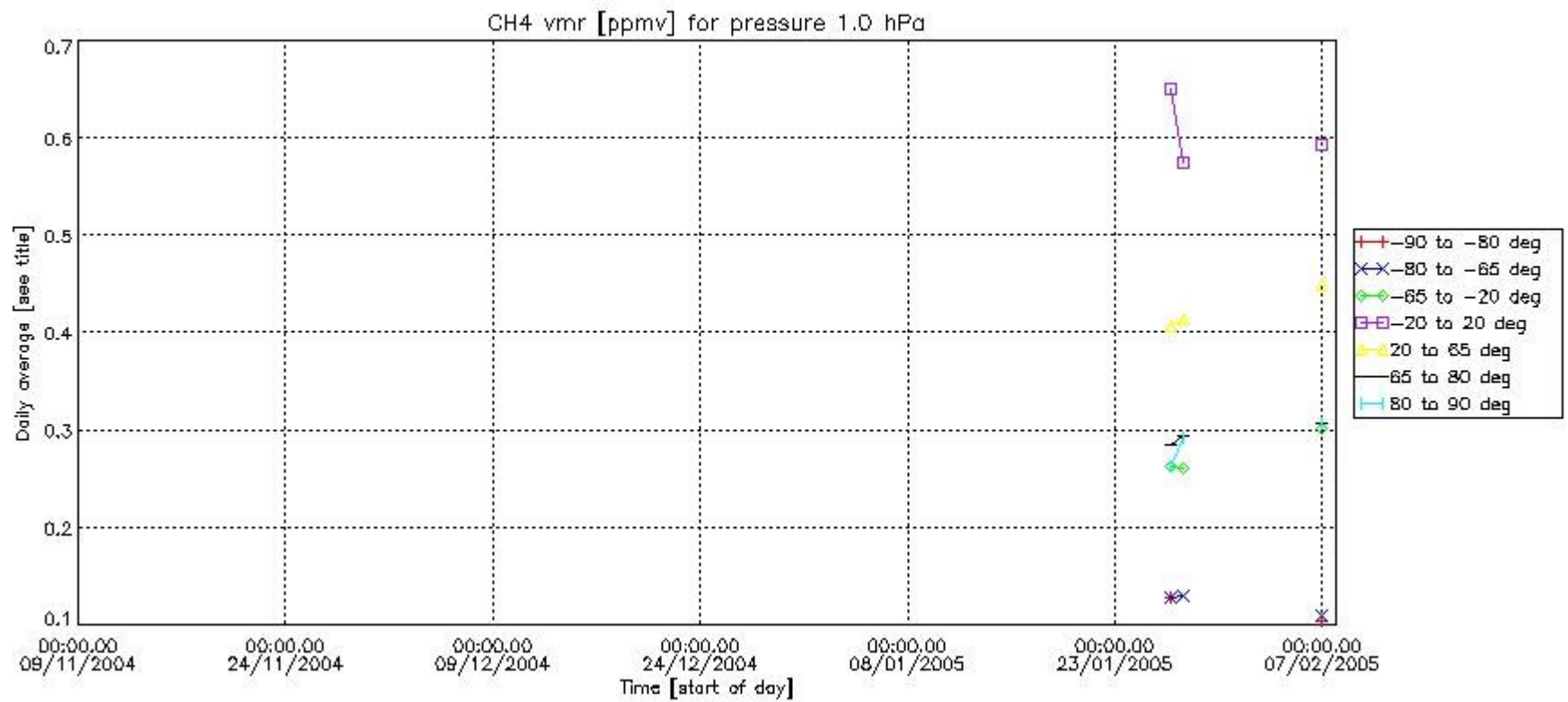


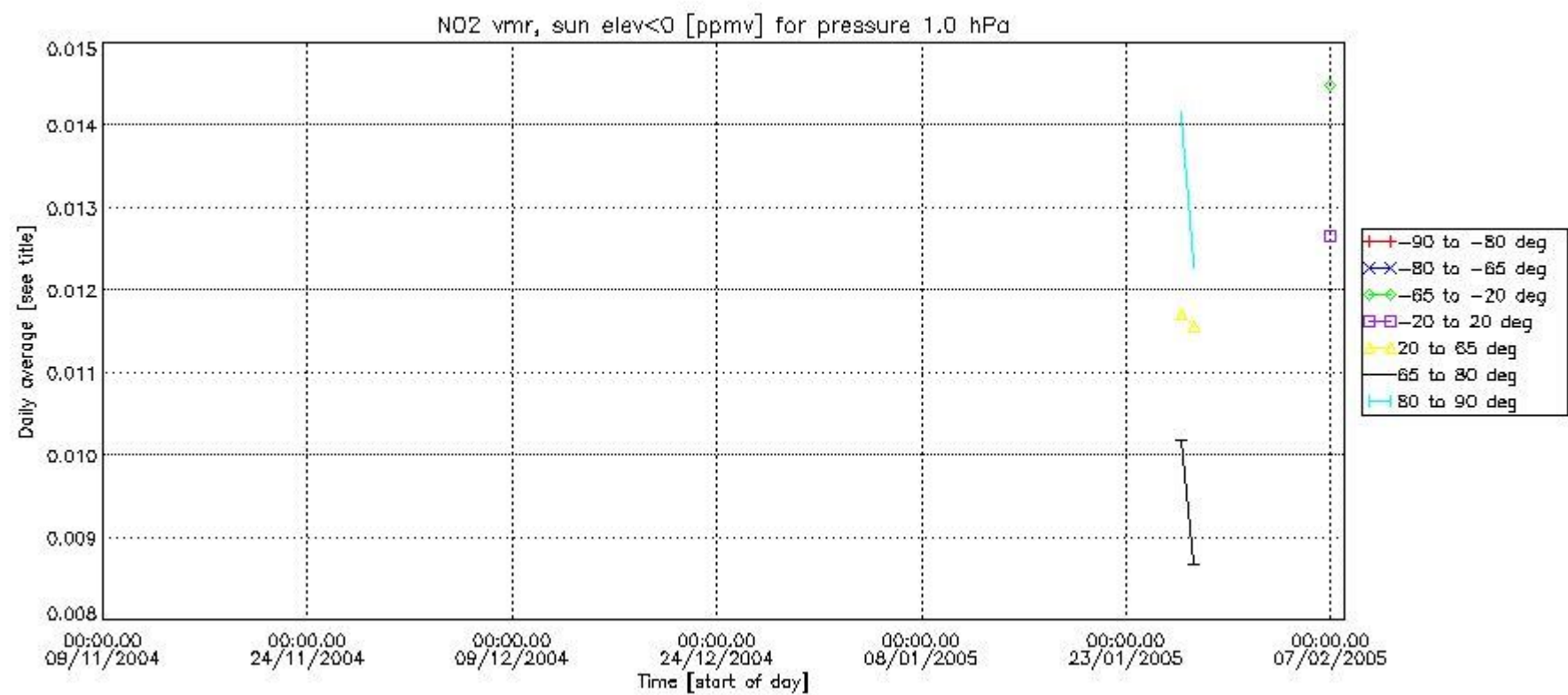
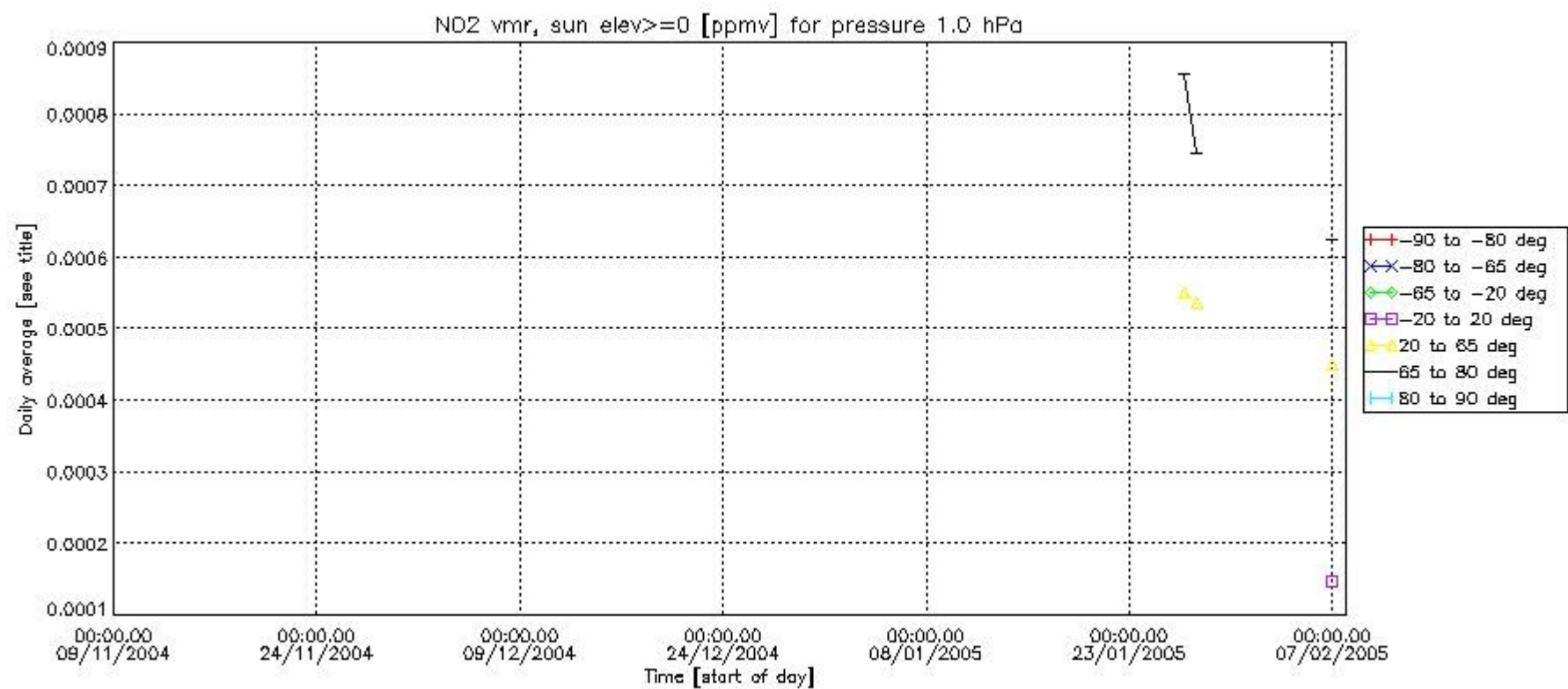




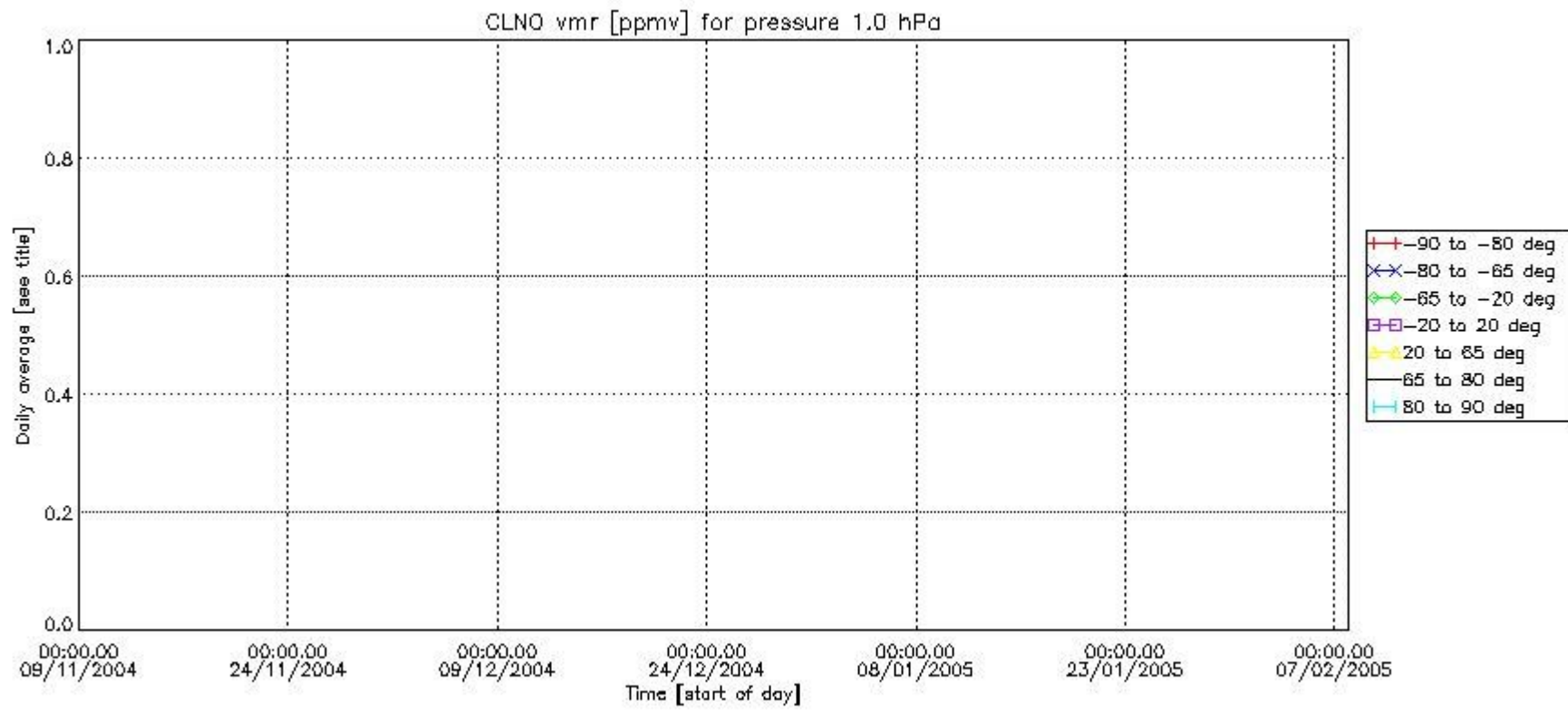
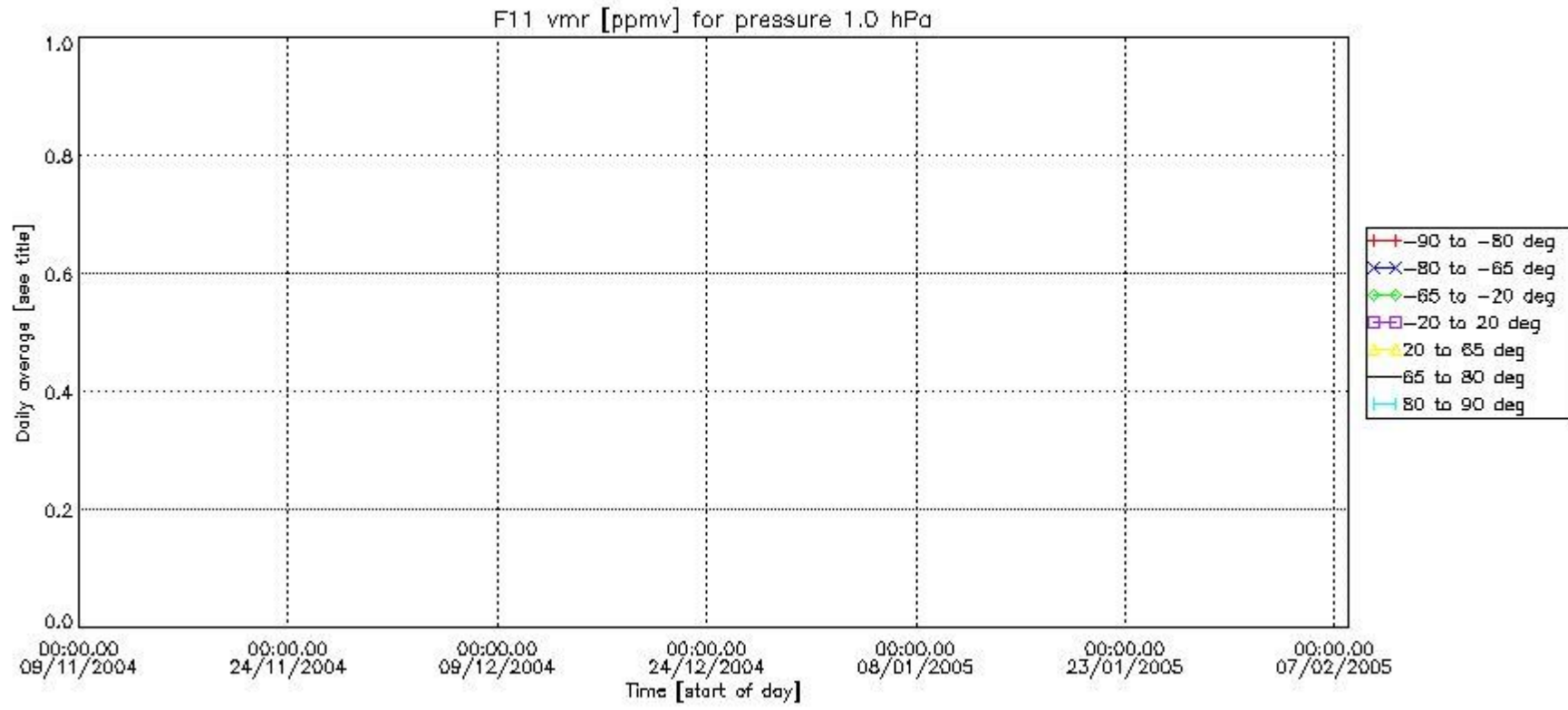


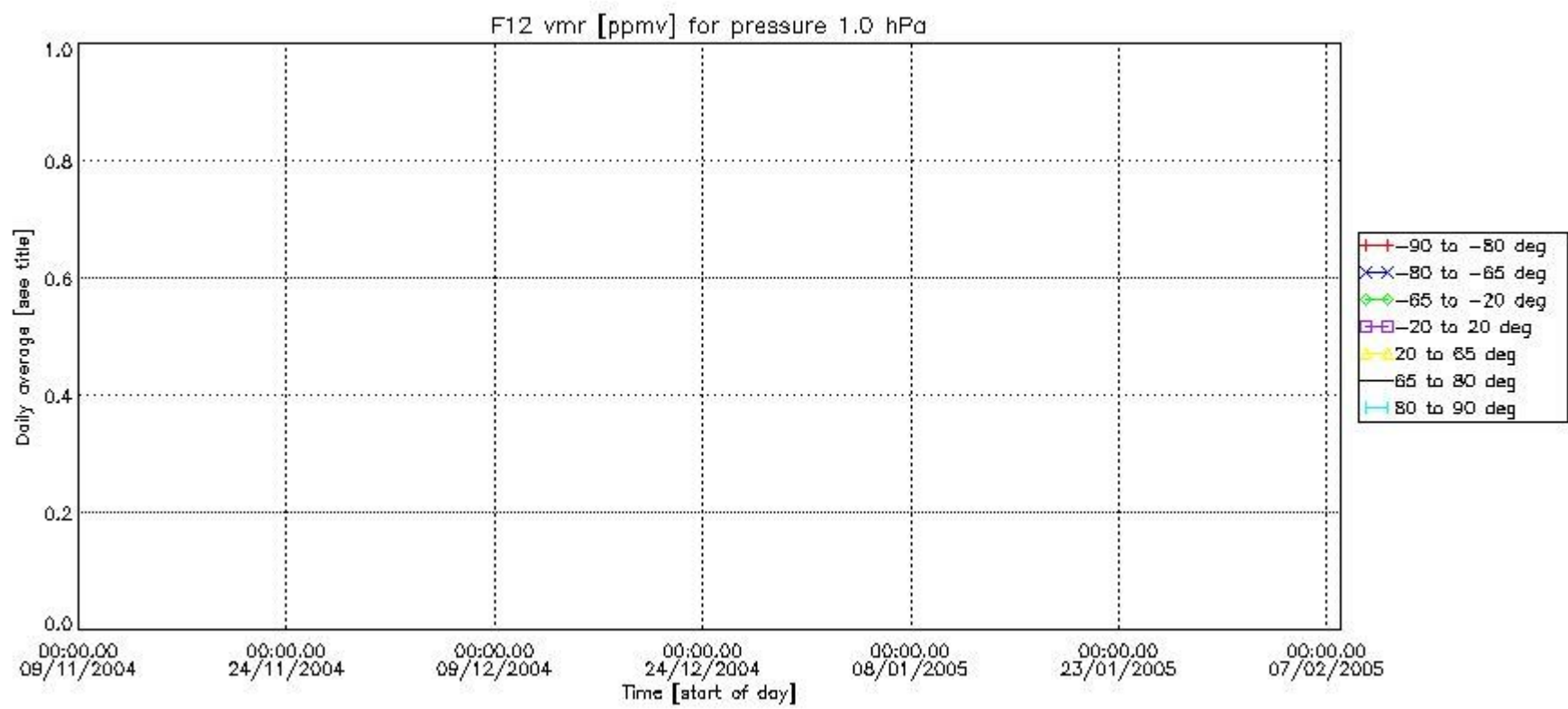
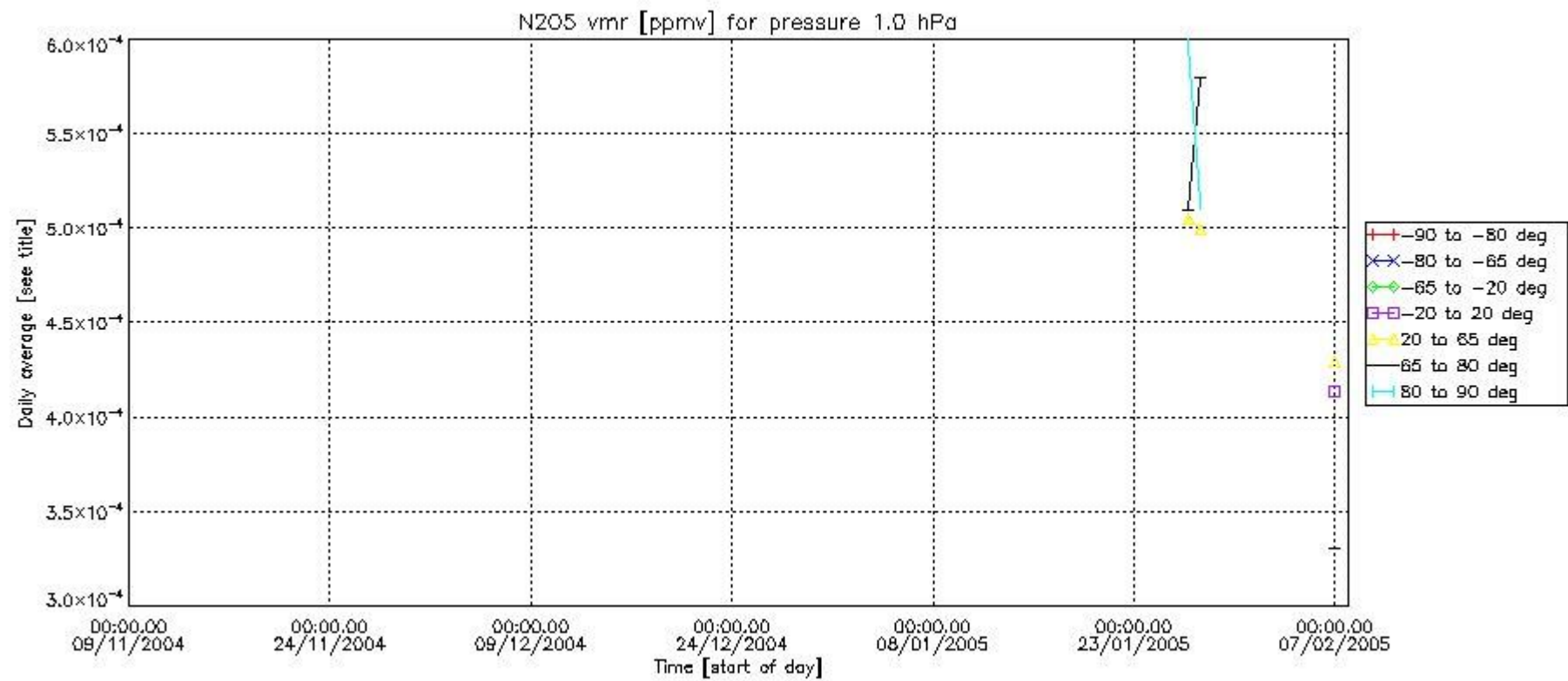




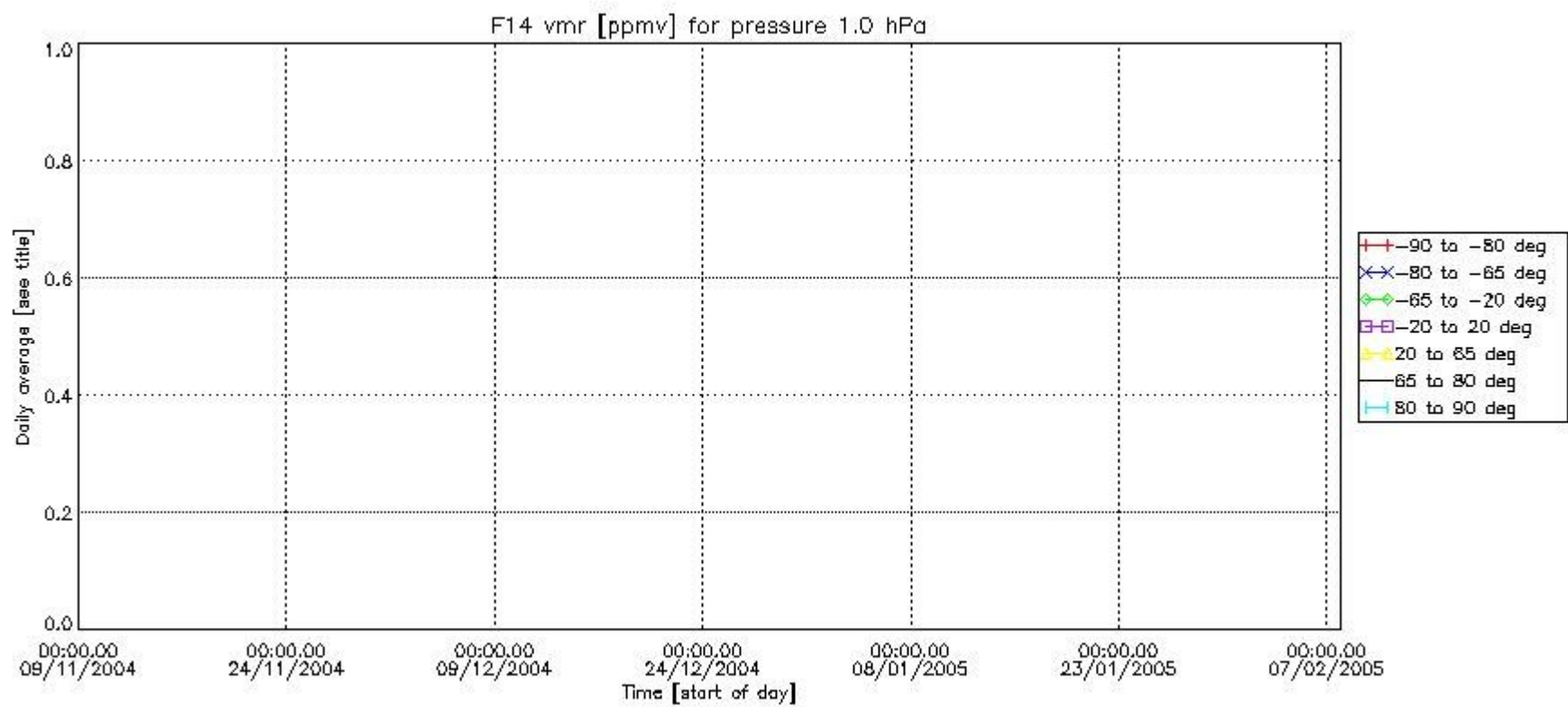
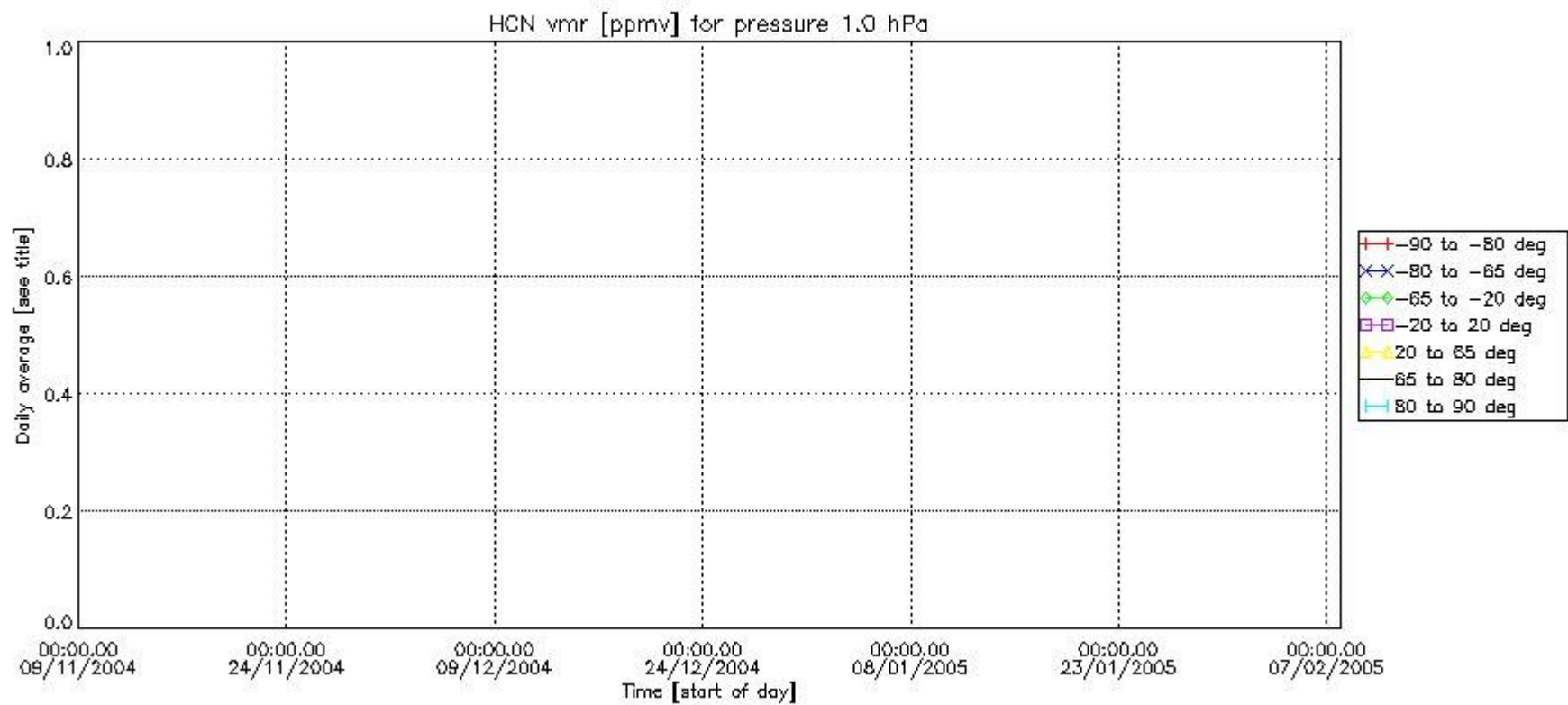


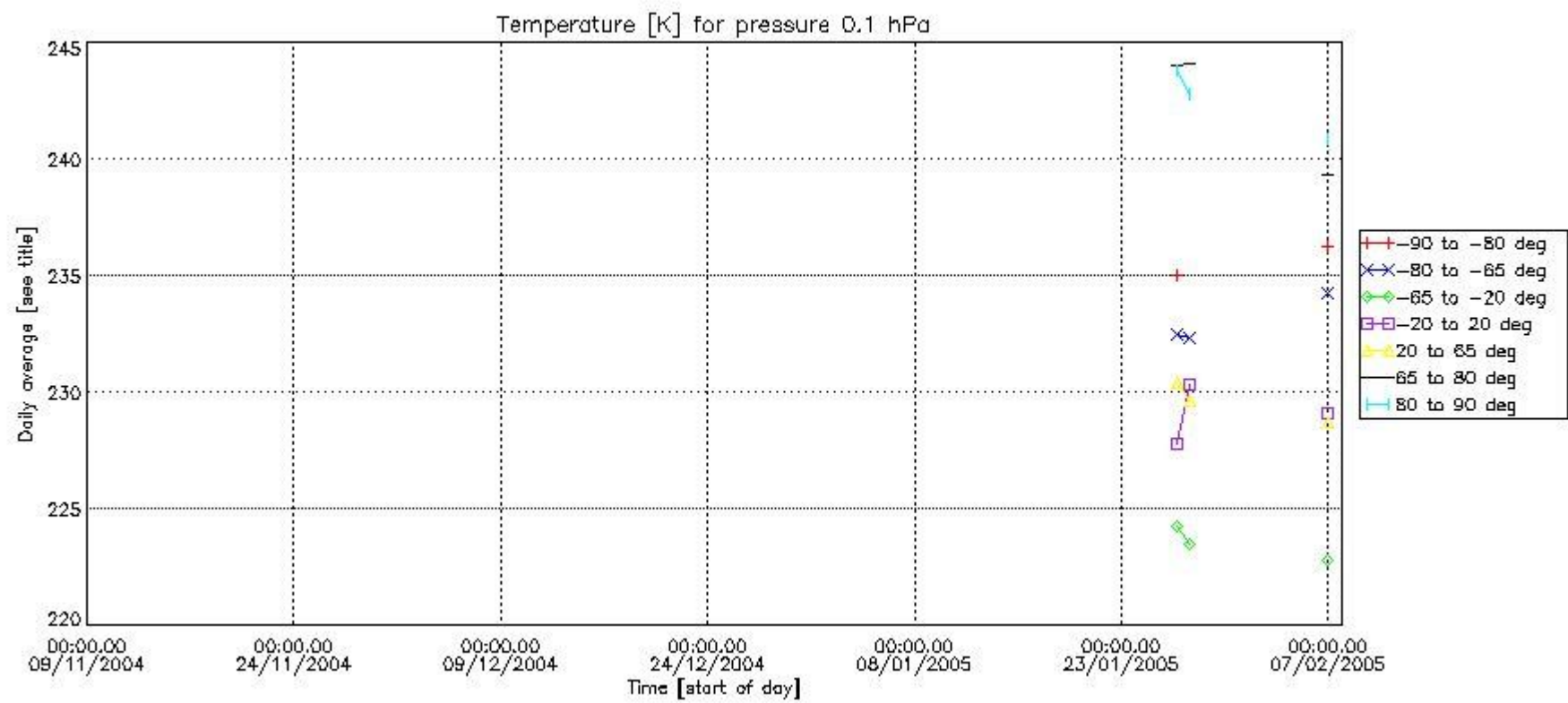
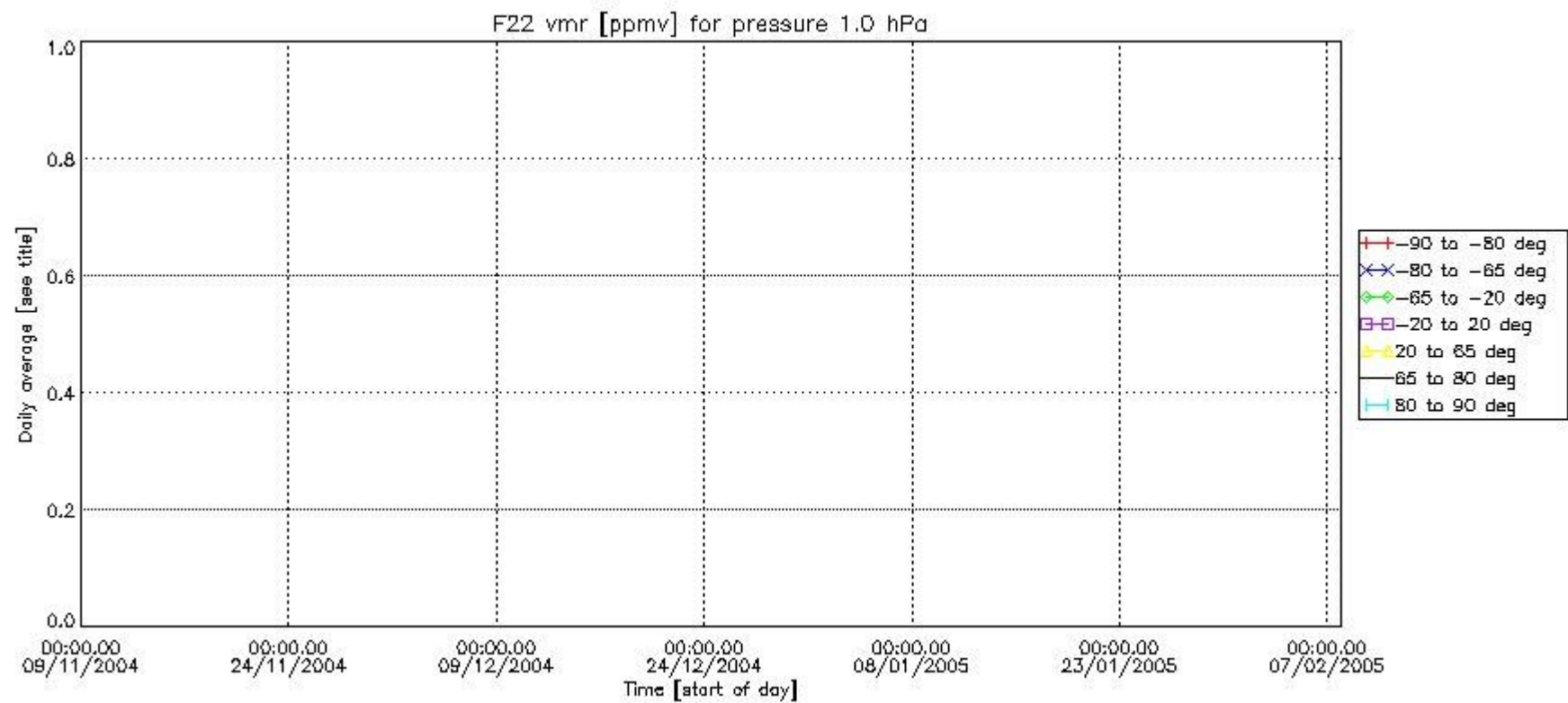


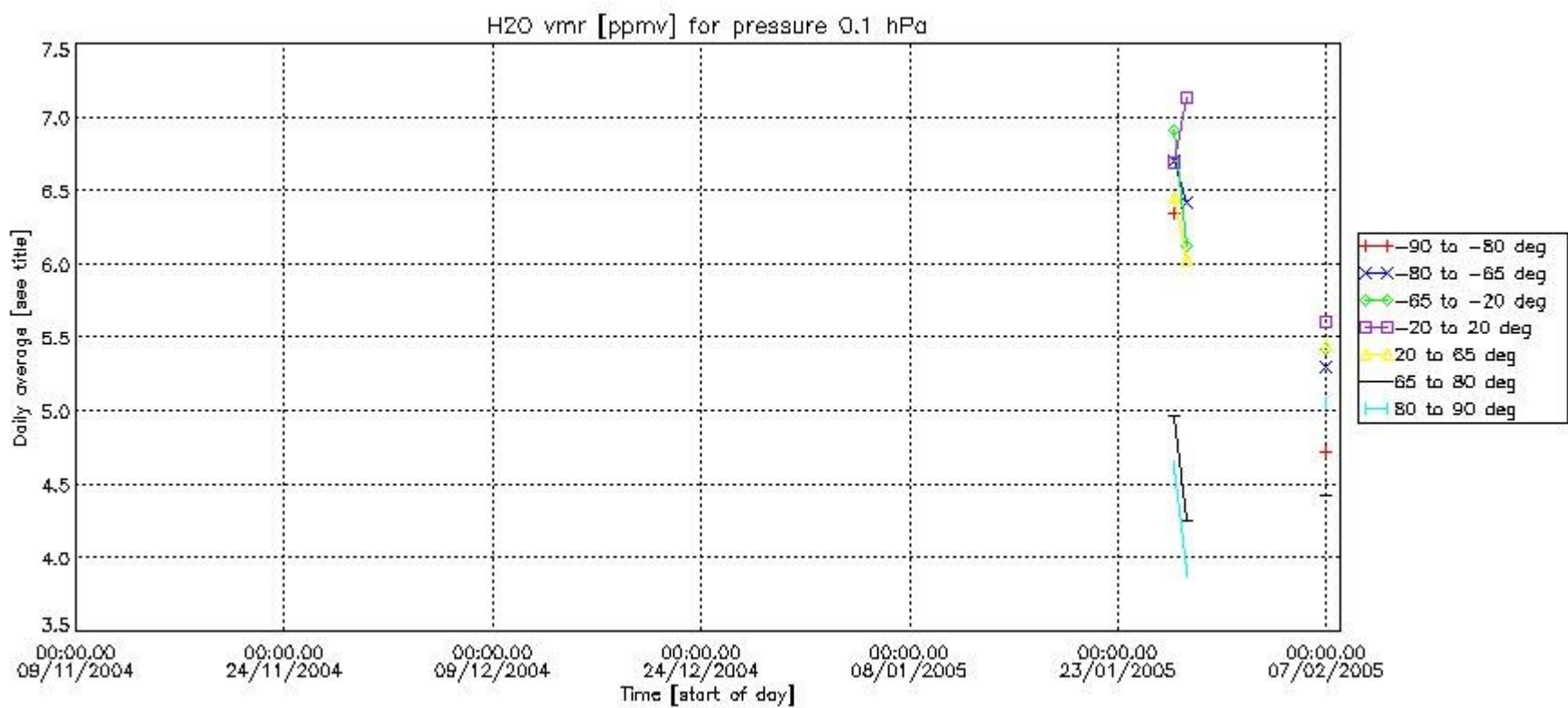
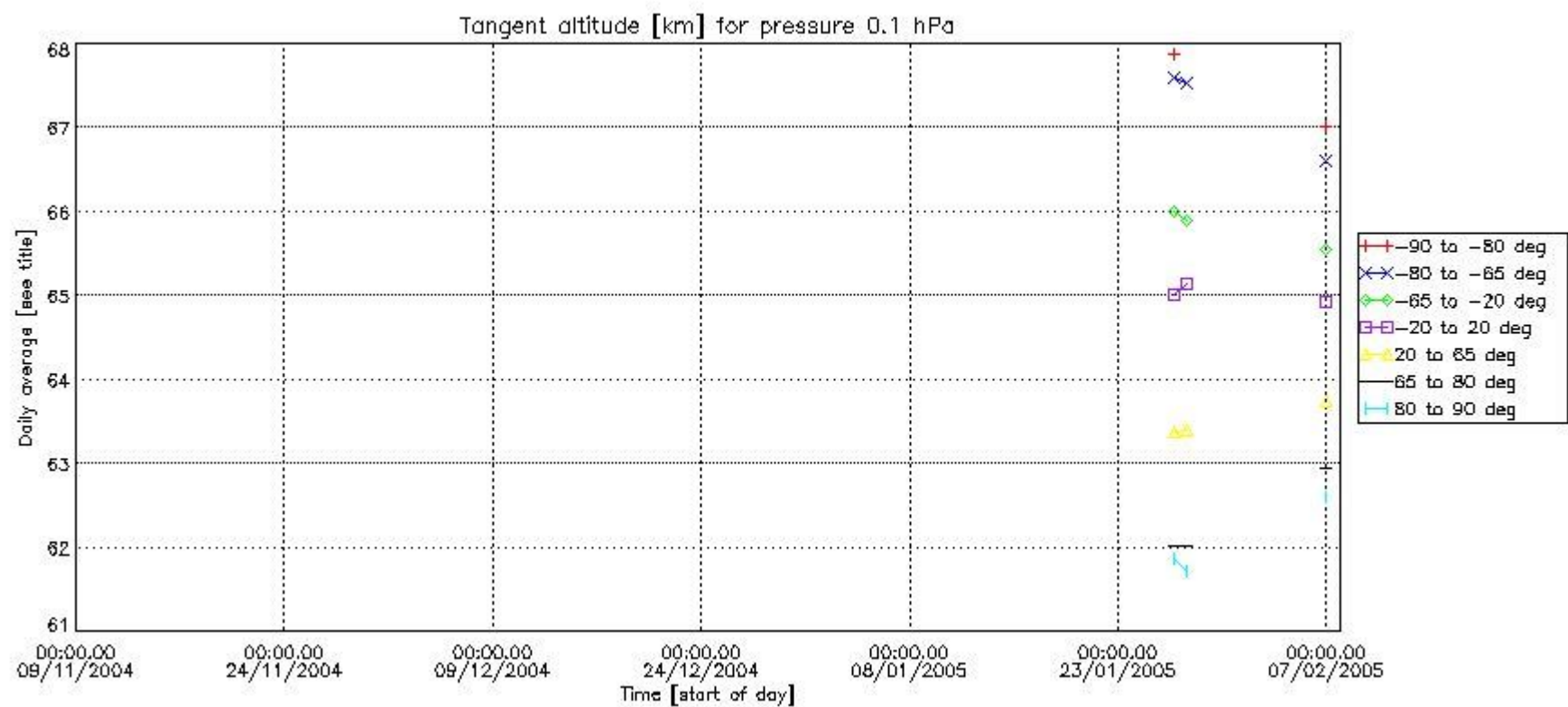


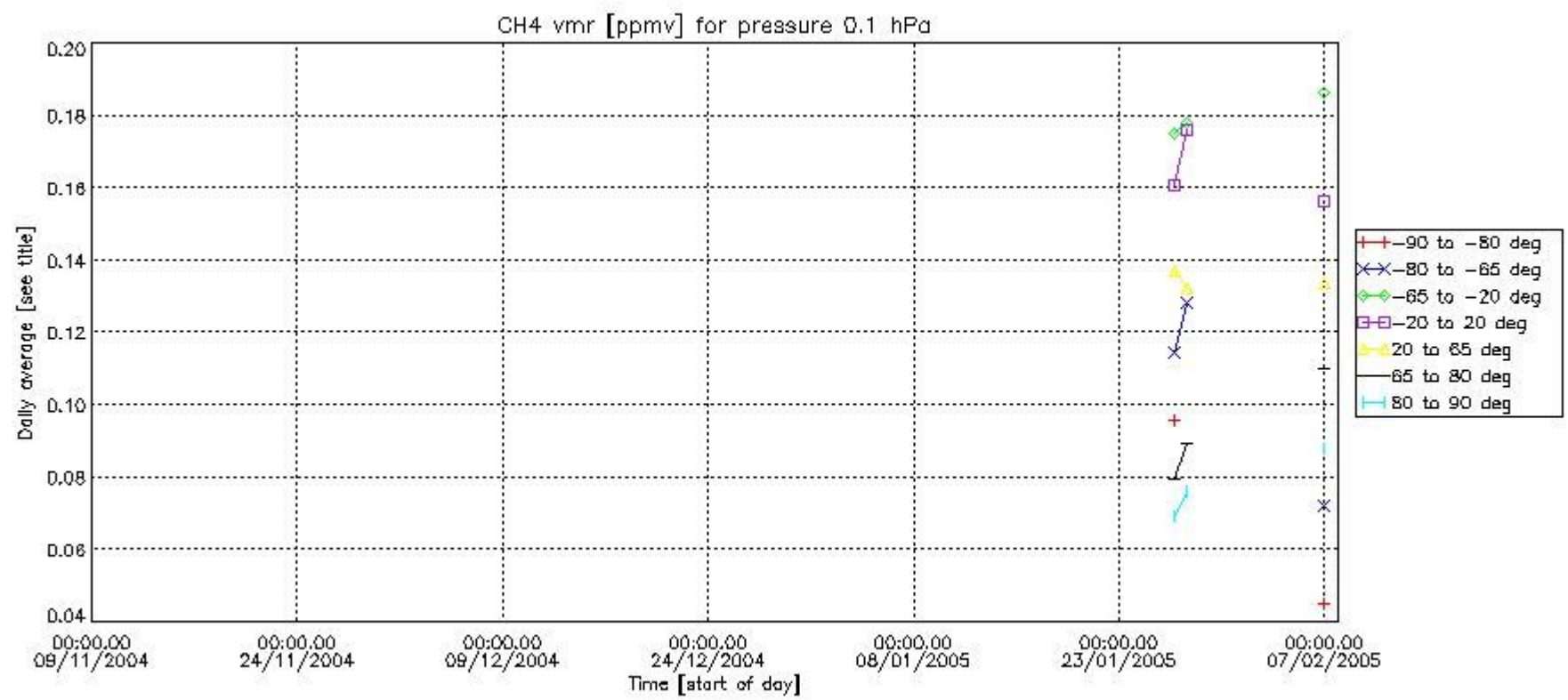
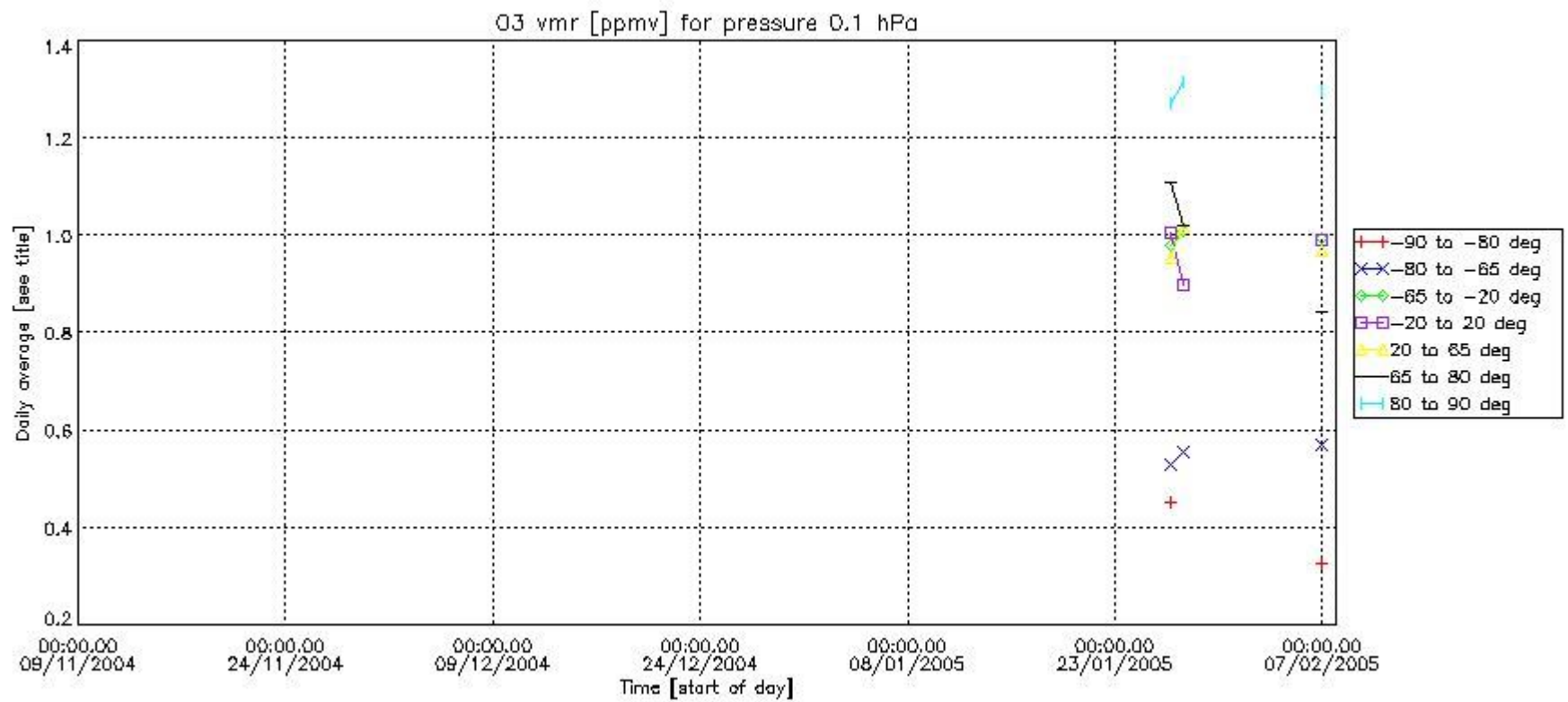


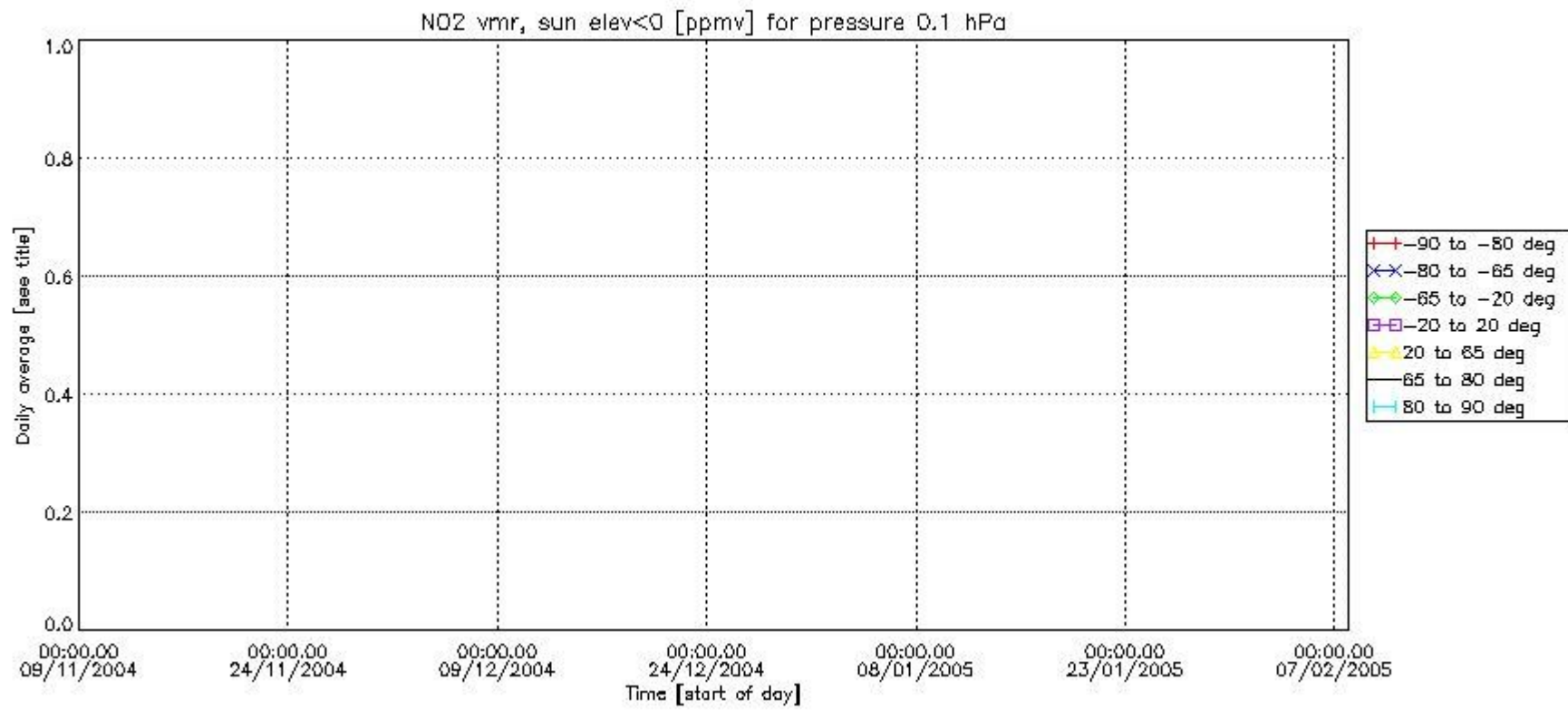
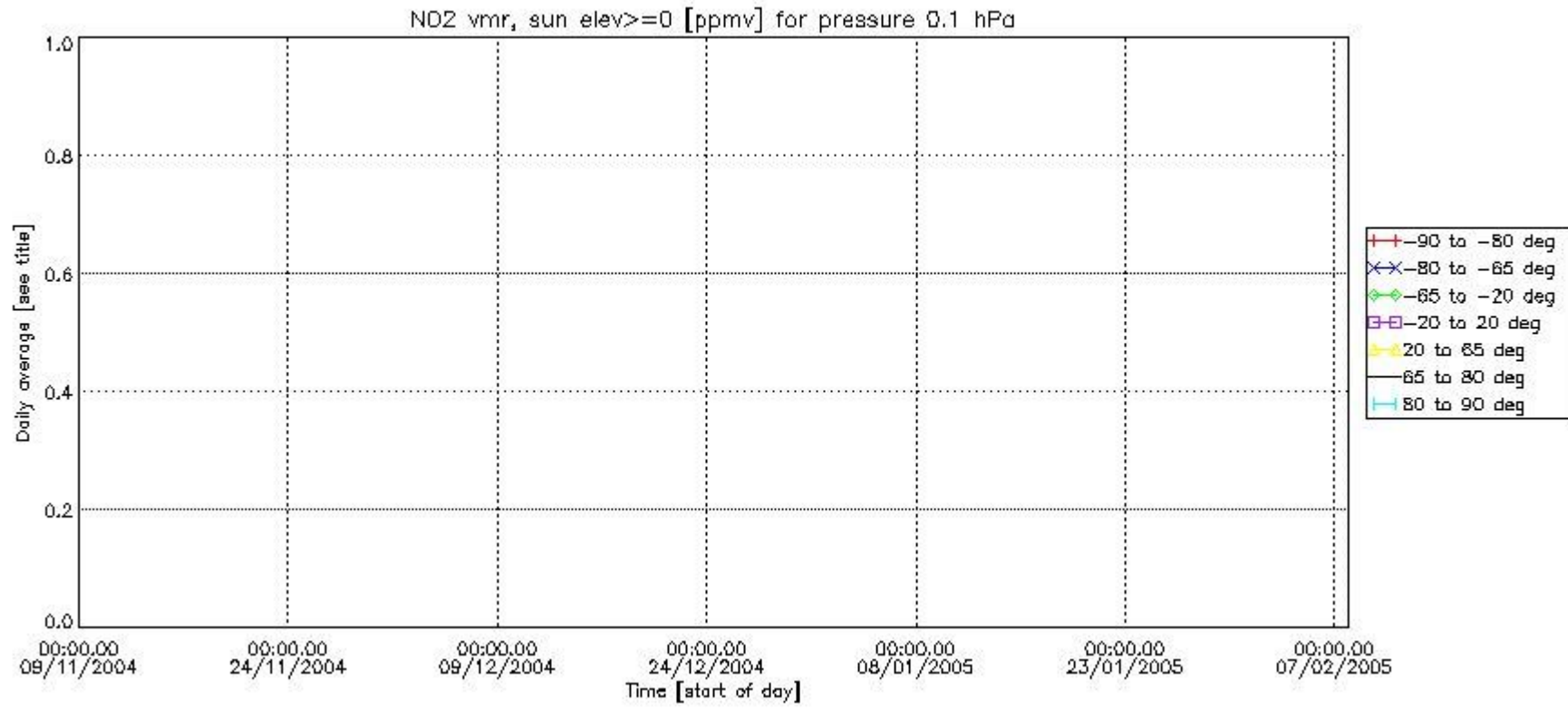




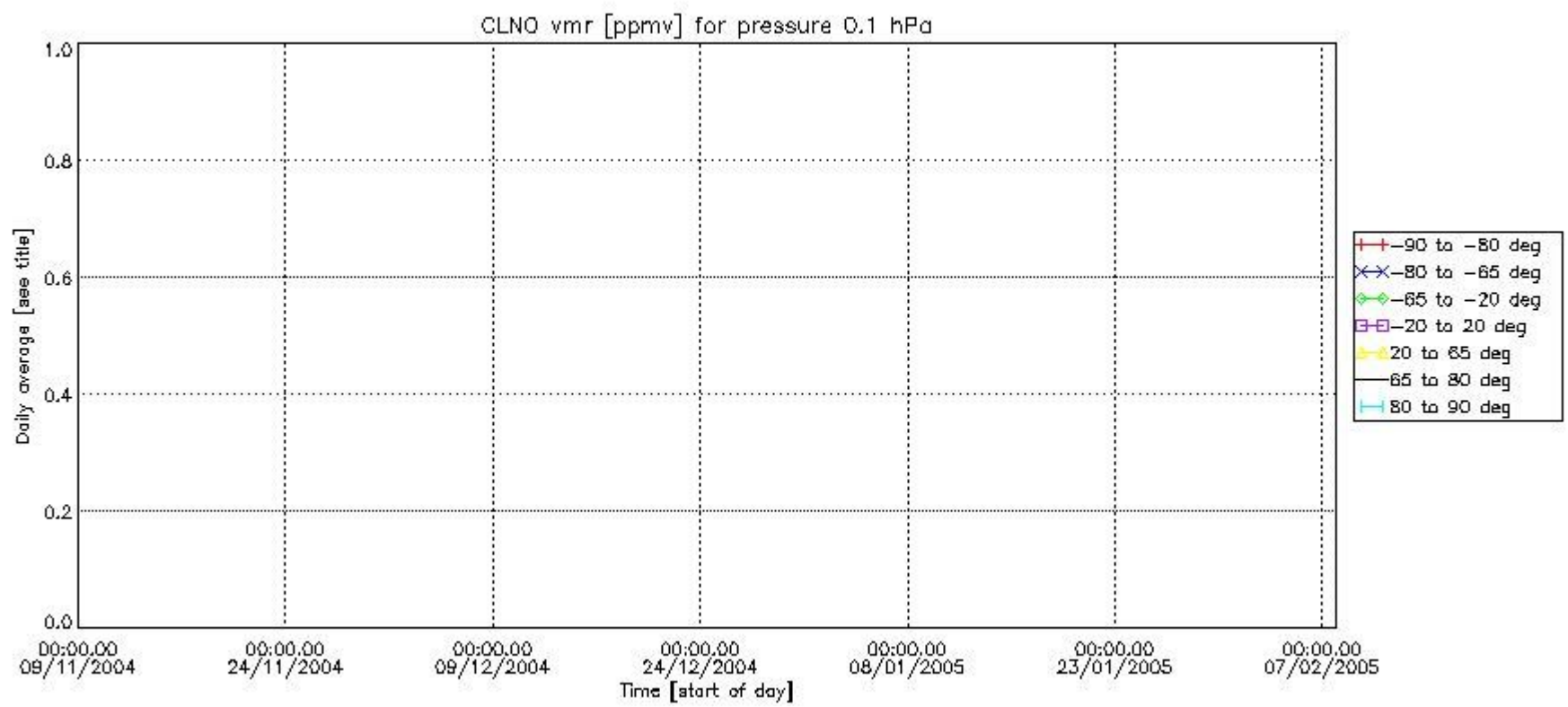
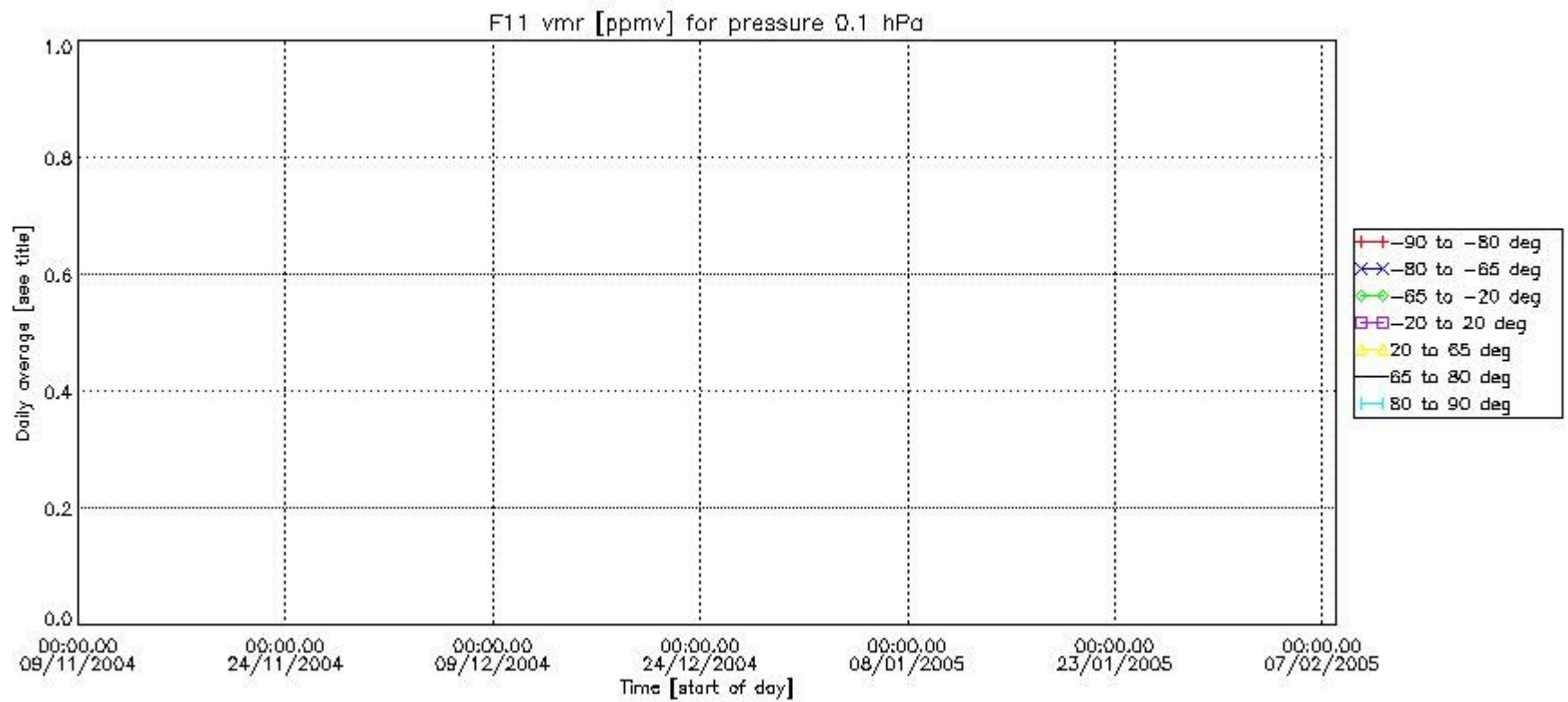


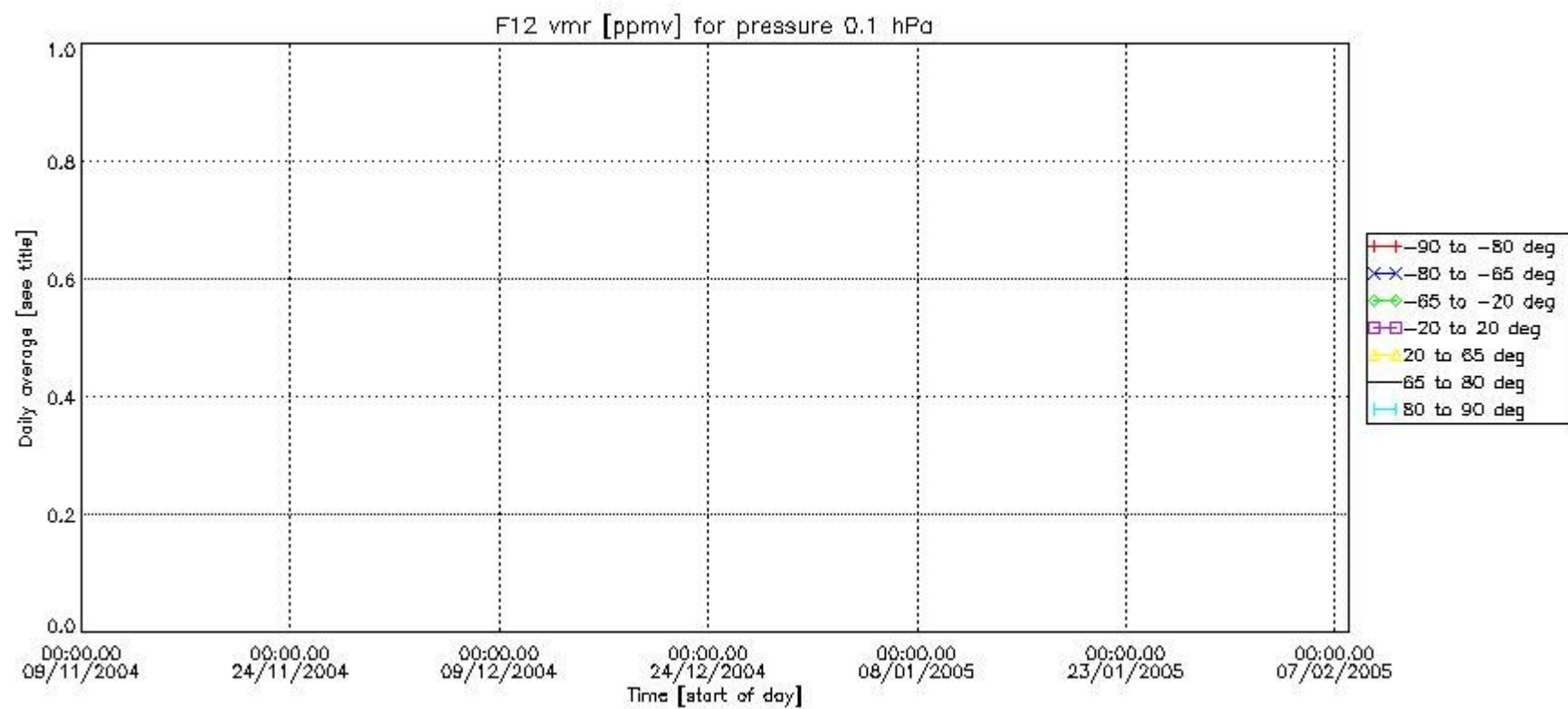
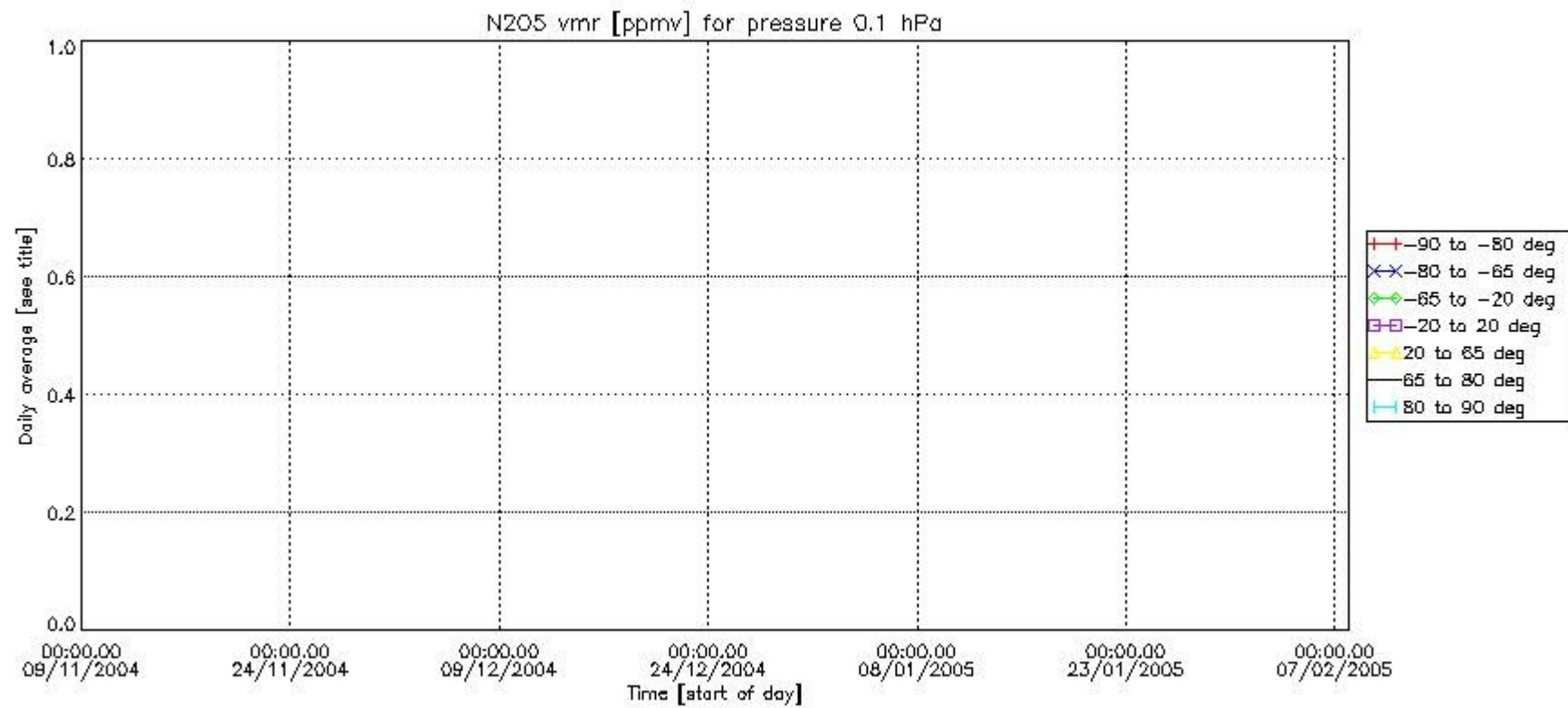


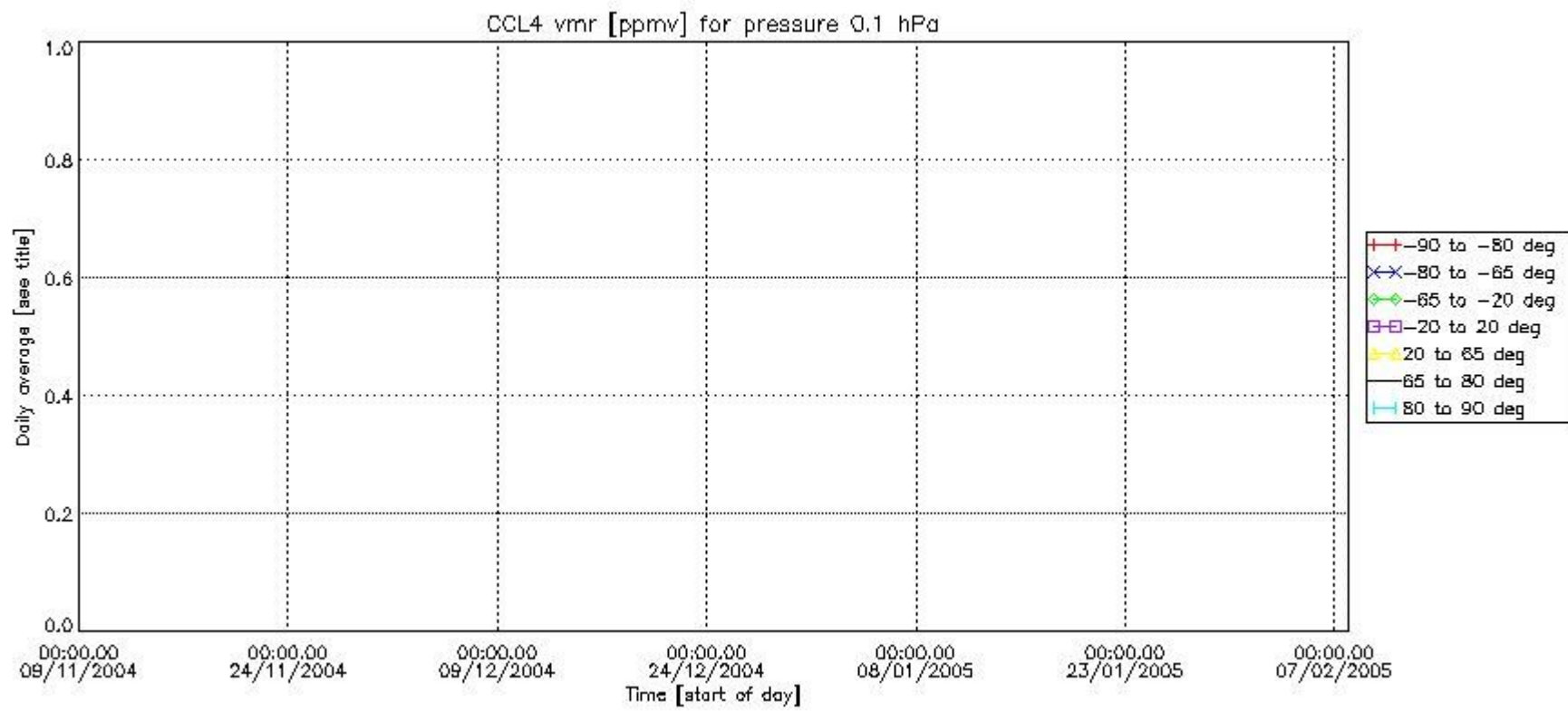
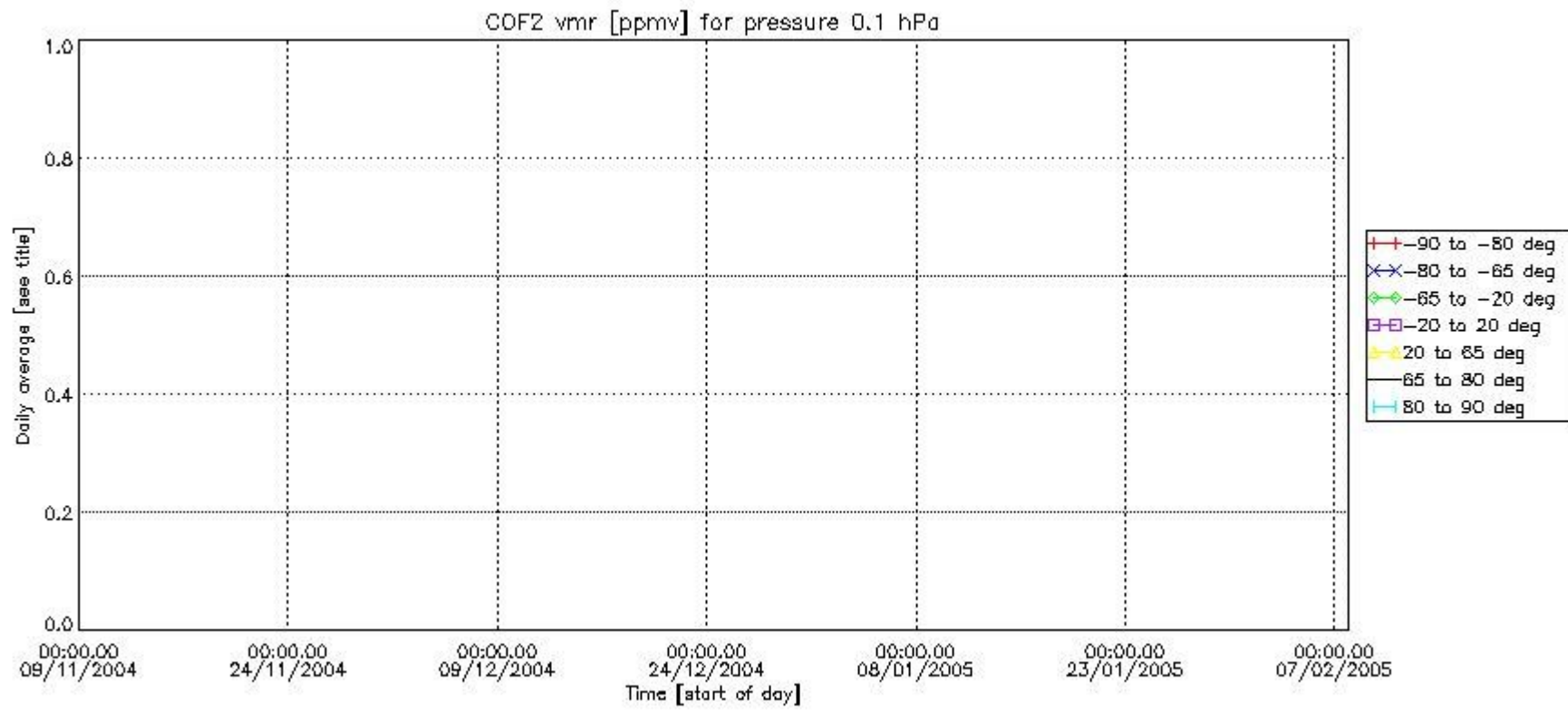


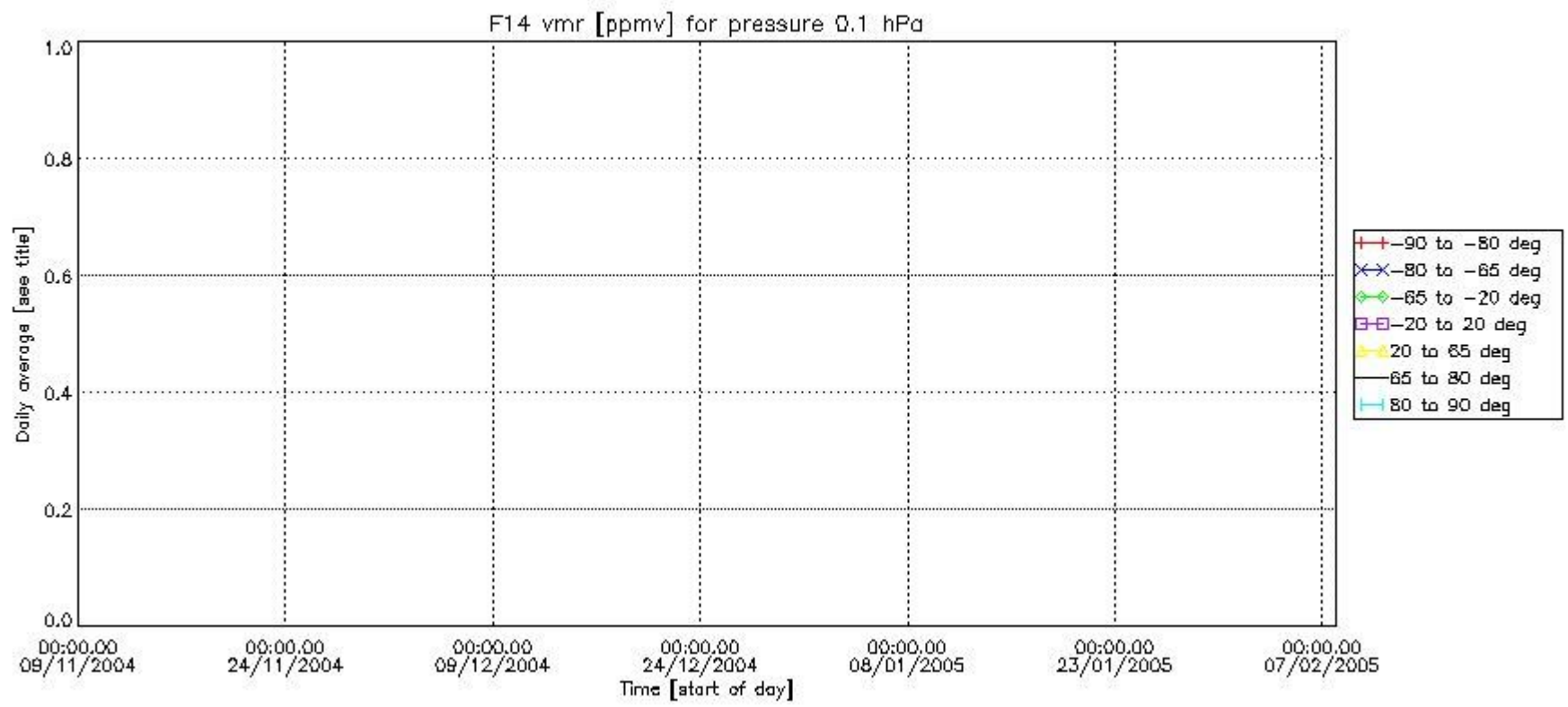
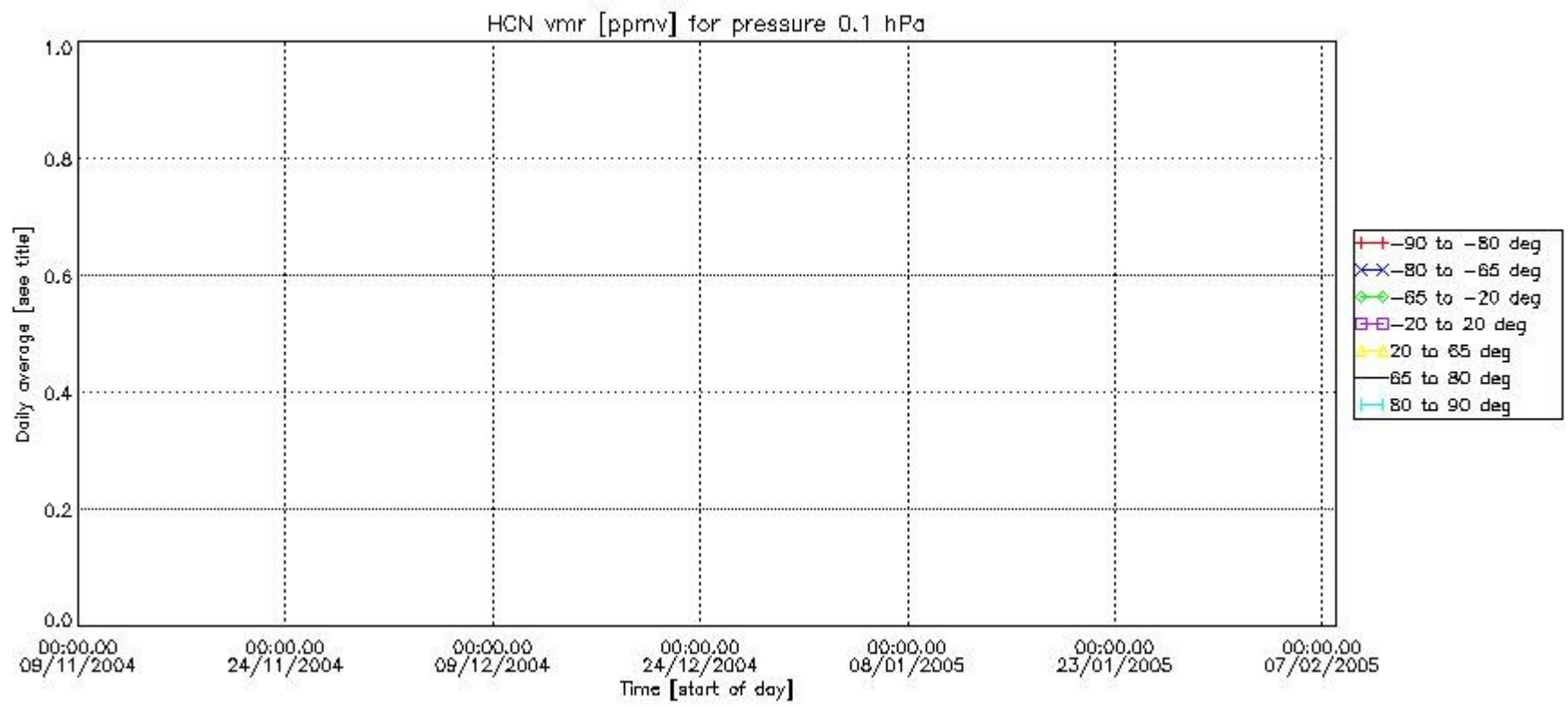


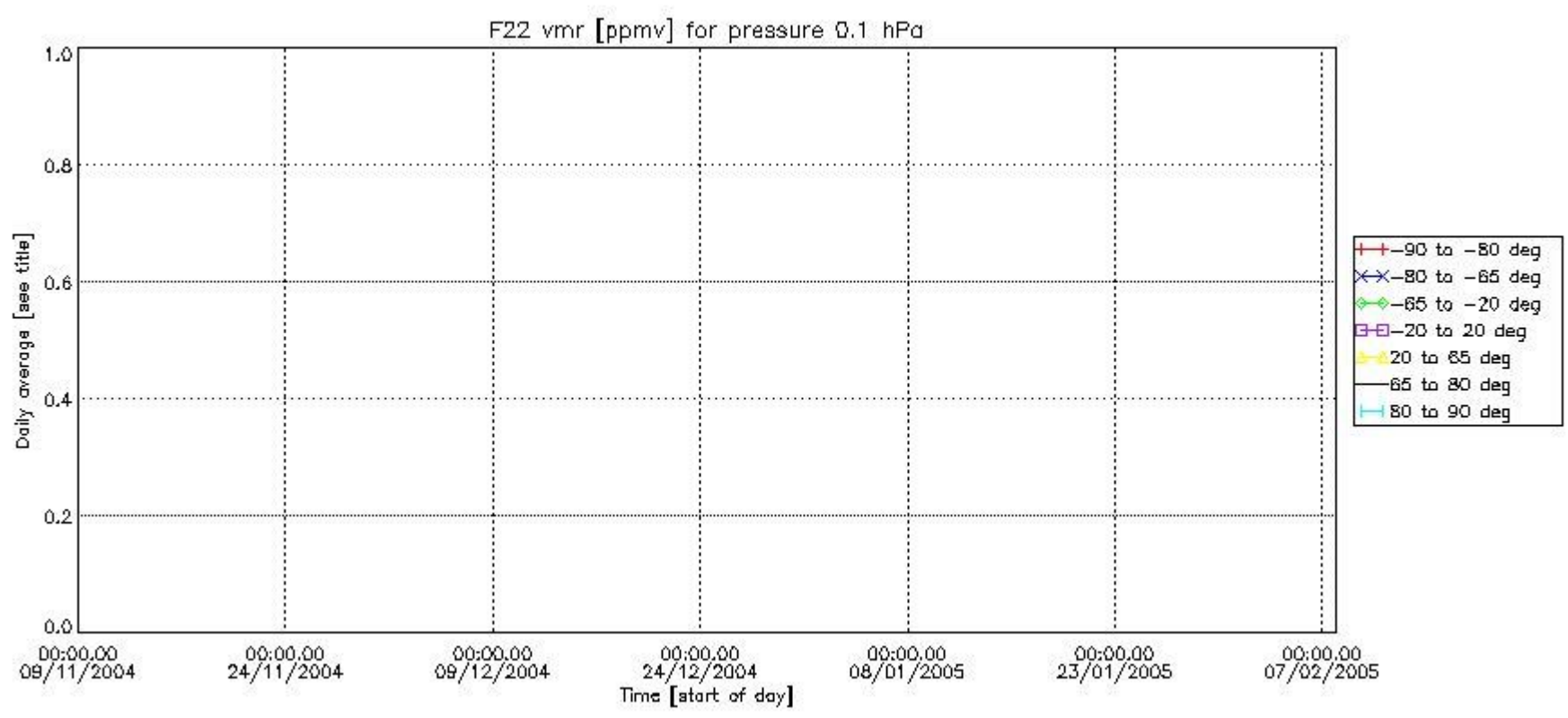












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

