

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20050402.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 10:02:06
Data source version	ML2PP/7.03-W
Processing scope for products	02APR2005 00:00:00 to 03APR2005 00:00:00
Start time of first product within scope	02APR2005 07:35:00
Stop time of last product within scope	02APR2005 10:55:04
Total number of level 2 products	3
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__2PWDSI20050402_073500_000001232036_00063_16149_1000.N1	02APR2005 07:35:00	02APR2005 07:37:03	0	2/2	
1	MIP_NL__2PWDSI20050402_073814_000000482036_00064_16150_1000.N1	02APR2005 07:38:14	02APR2005 07:39:02	0	1/1	
2	MIP_NL__2PWDSI20050402_105454_000000102036_00065_16151_1000.N1	02APR2005 10:54:54	02APR2005 10:55:04	1	1/1	

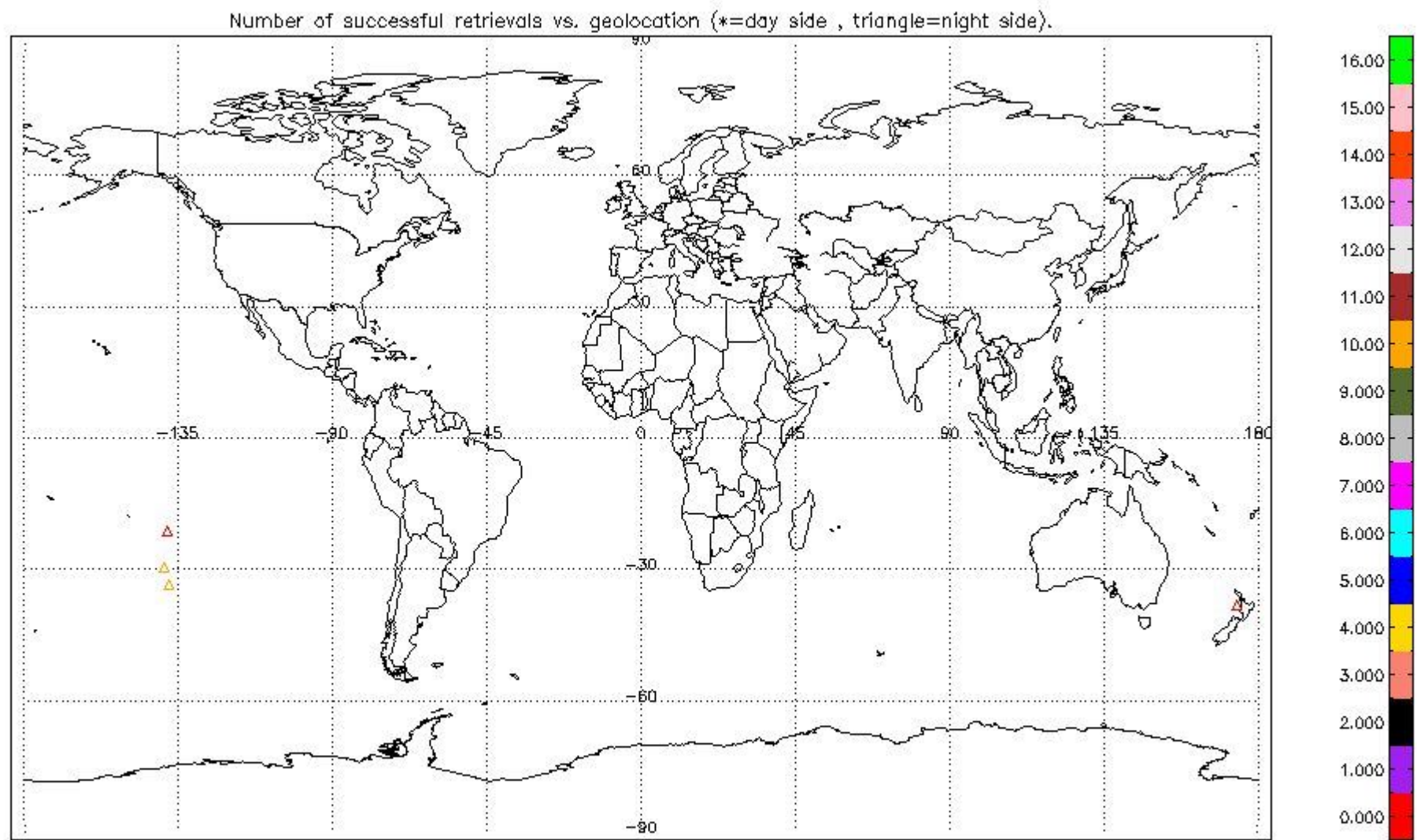
## 2.2 Processing performance indicators

### 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.

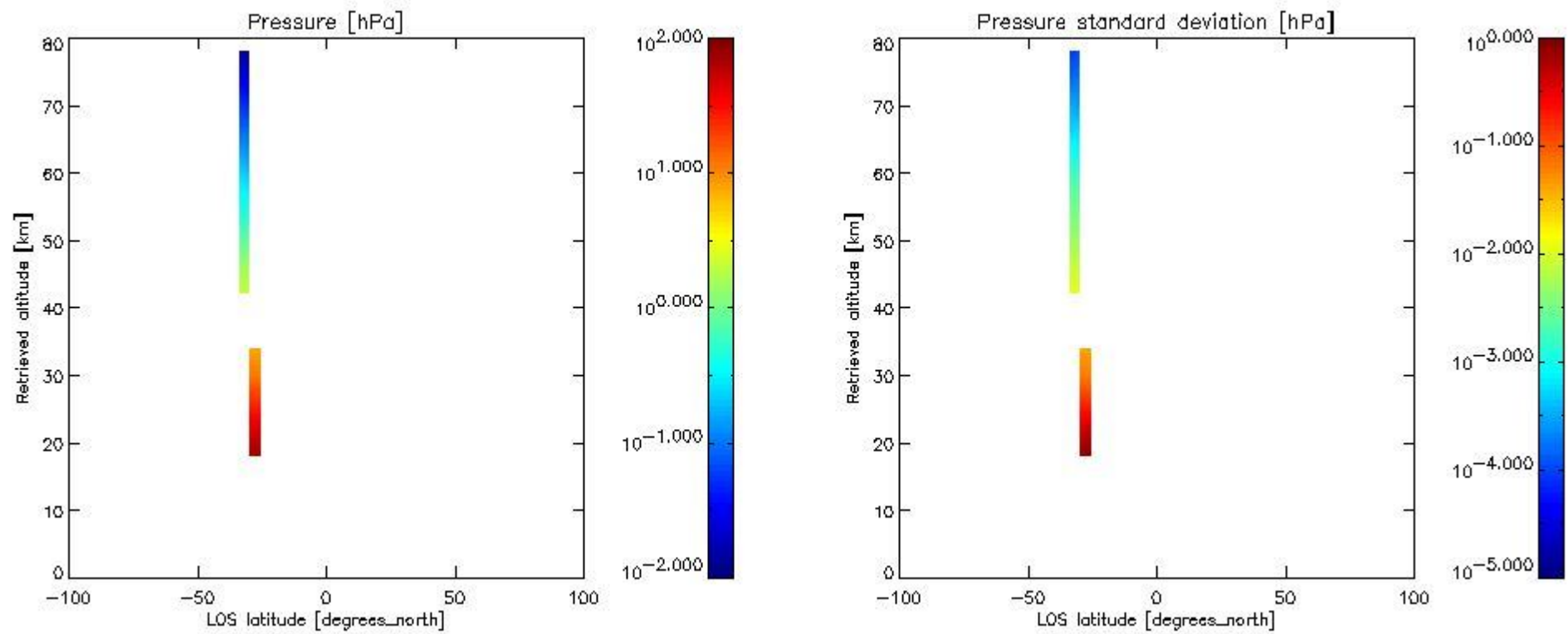
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	4	2	50.000
H2O	4	0	0.0000
O3	4	2	50.000
HNO3	4	2	50.000
CH4	4	2	50.000
N2O	4	2	50.000
NO2	4	2	50.000

F11	4	2	50.000
CLNO	4	2	50.000
N2O5	4	2	50.000
F12	4	2	50.000
COF2	4	0	0.0000
CCL4	4	0	0.0000
HCN	4	0	0.0000
F14	4	0	0.0000
F22	4	0	0.0000



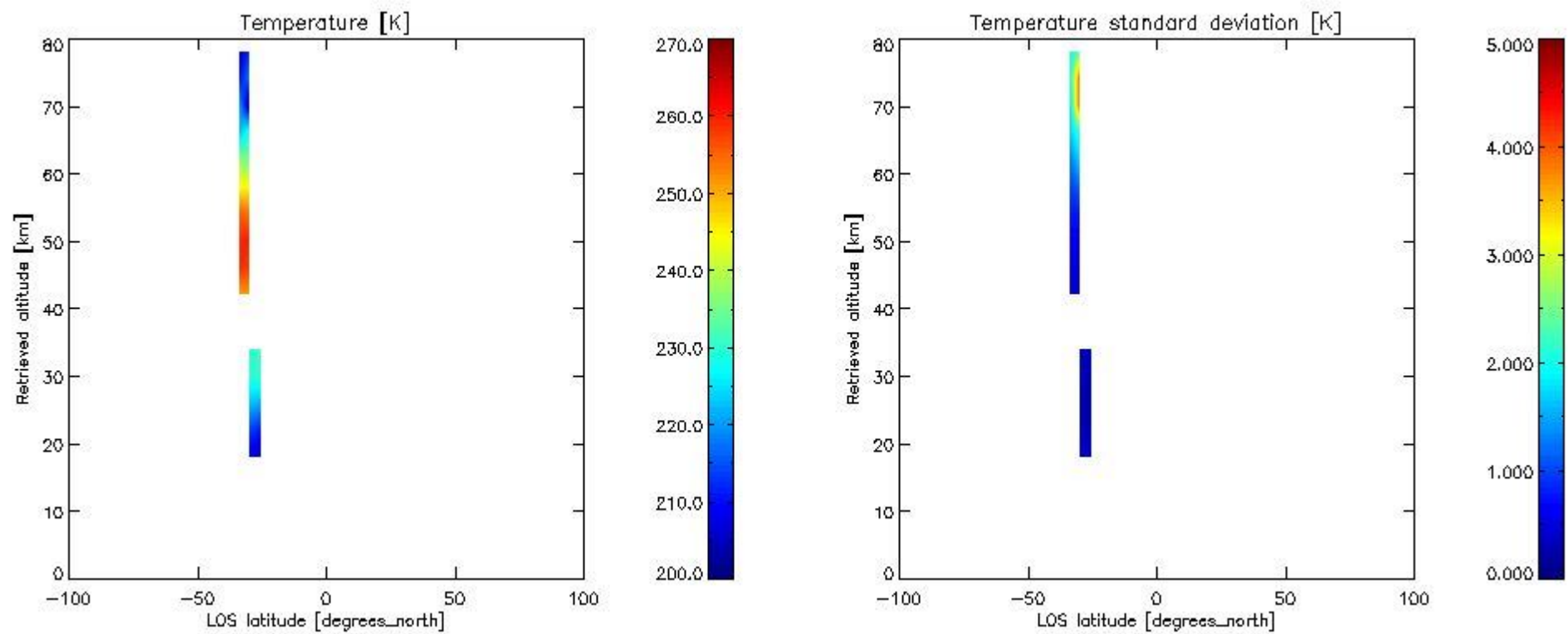
### 2.2.2 Pressure overview

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



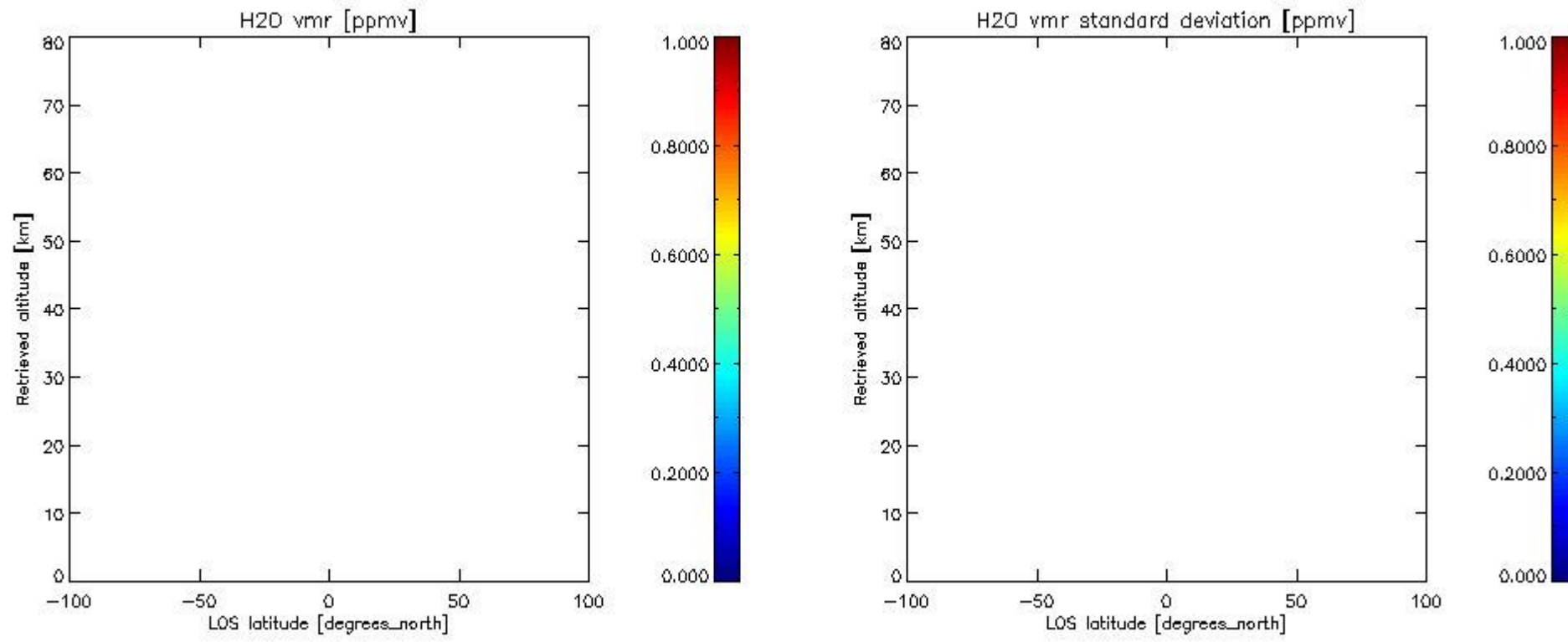
### 2.2.3 Temperature overview

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

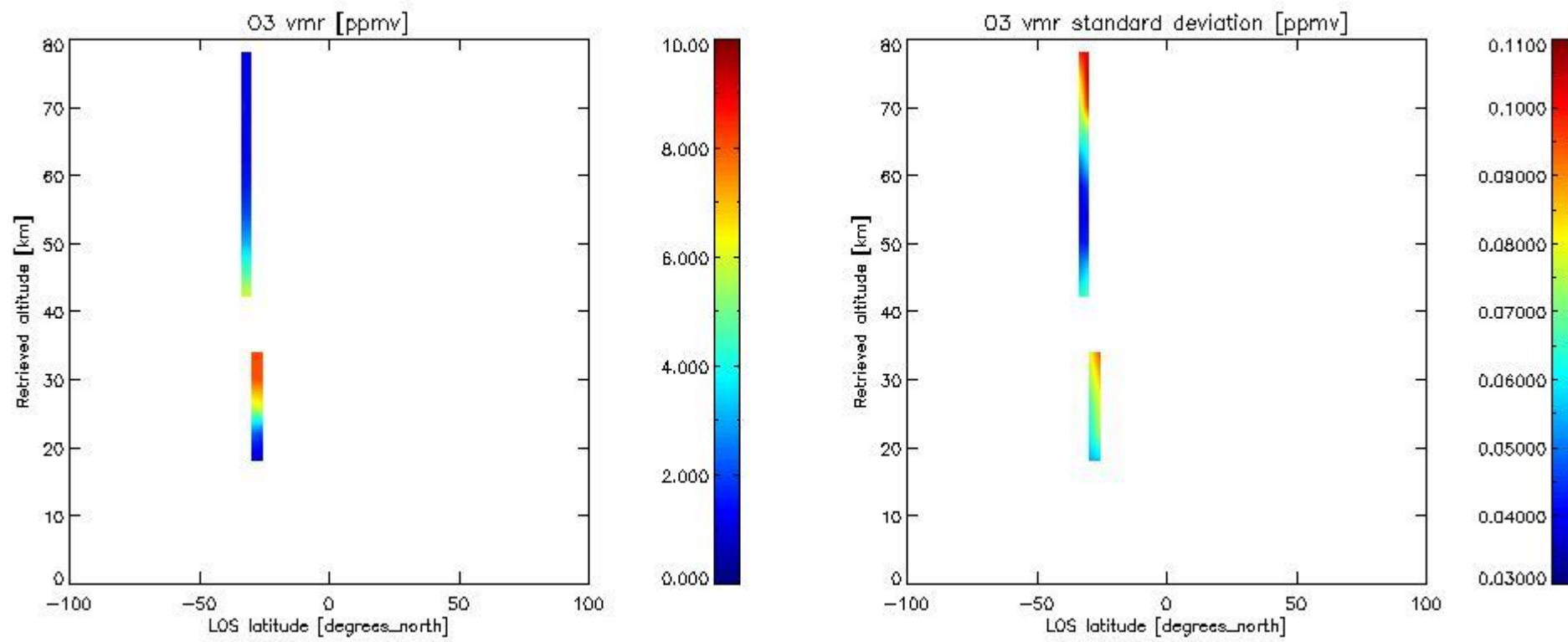


### 2.2.4 Species overview

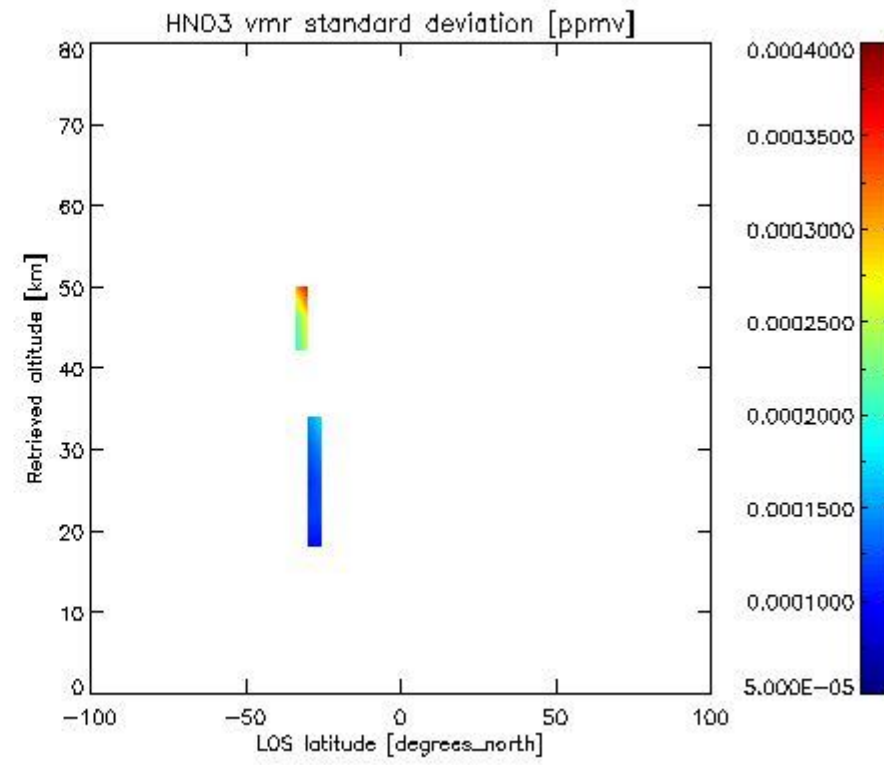
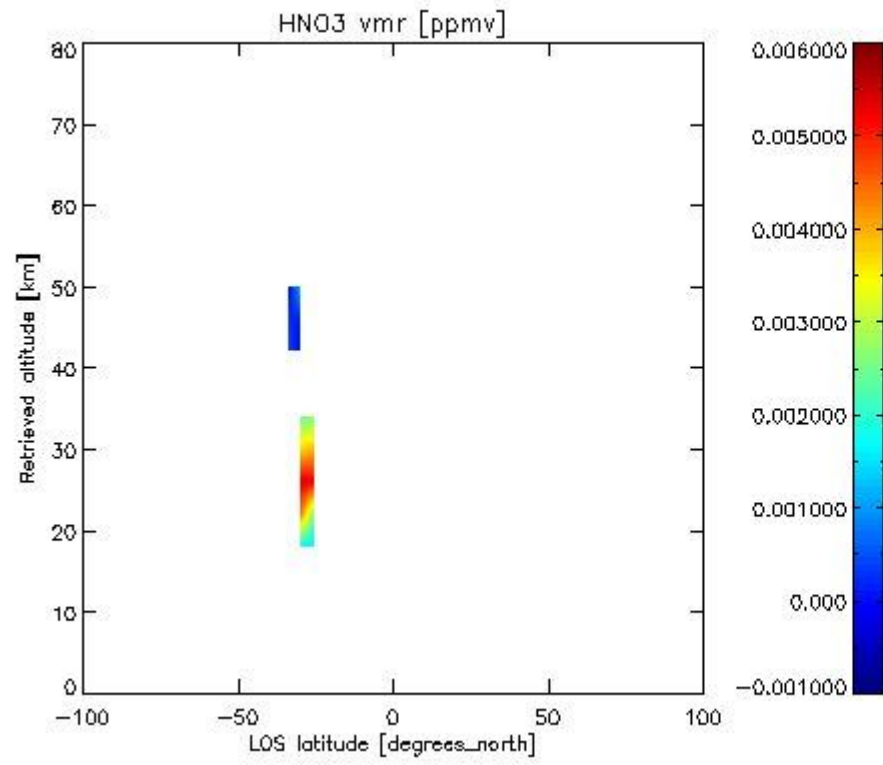
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



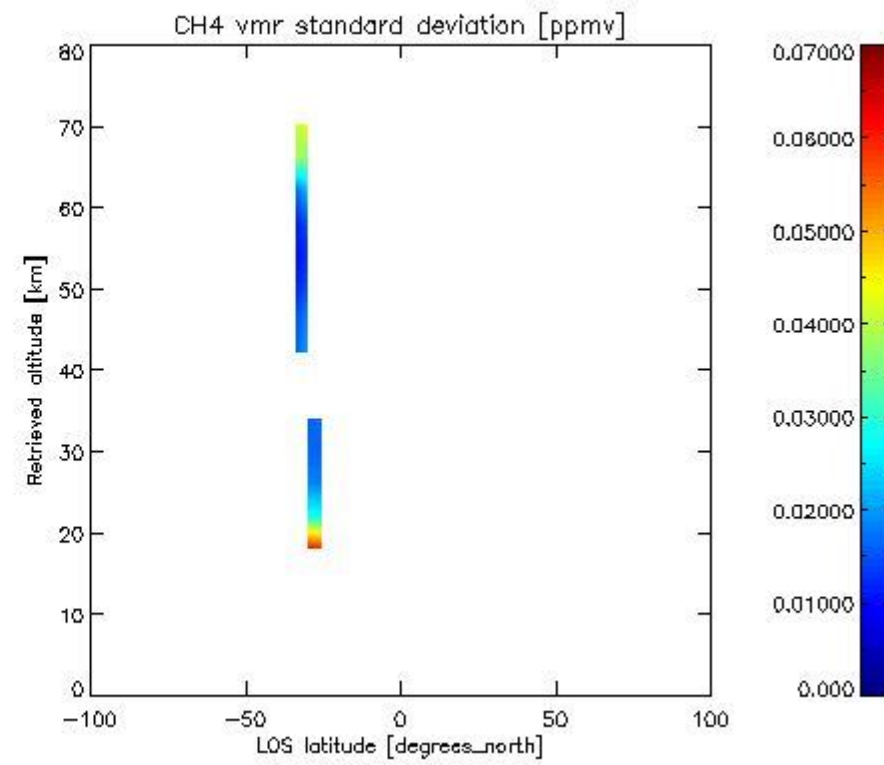
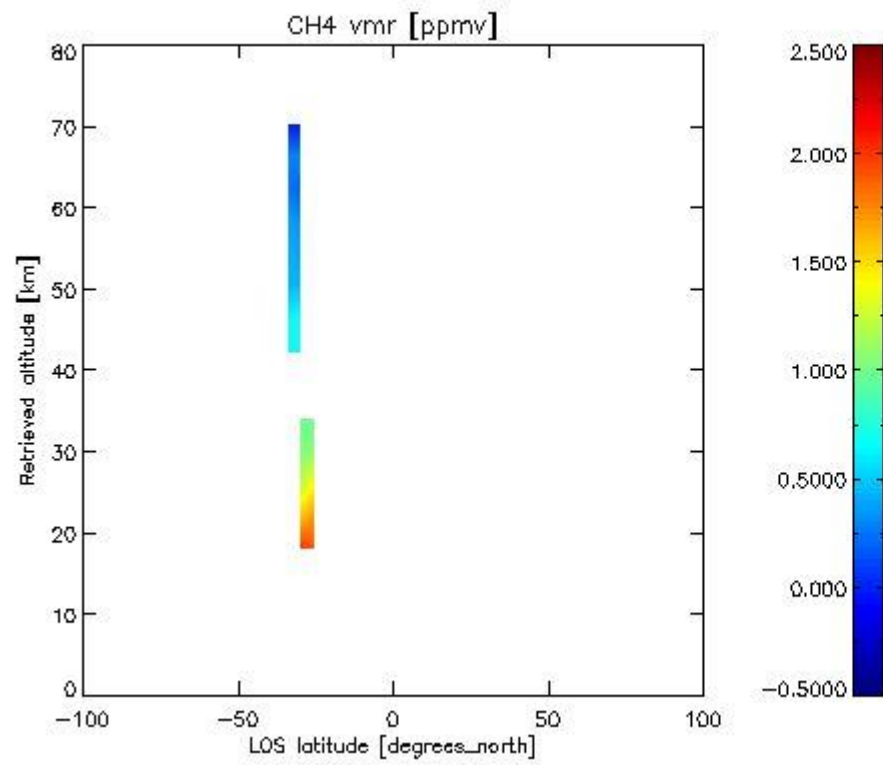
**2.2.4.2 O<sub>3</sub> overview** This section shows values (left) and error (right) for O<sub>3</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



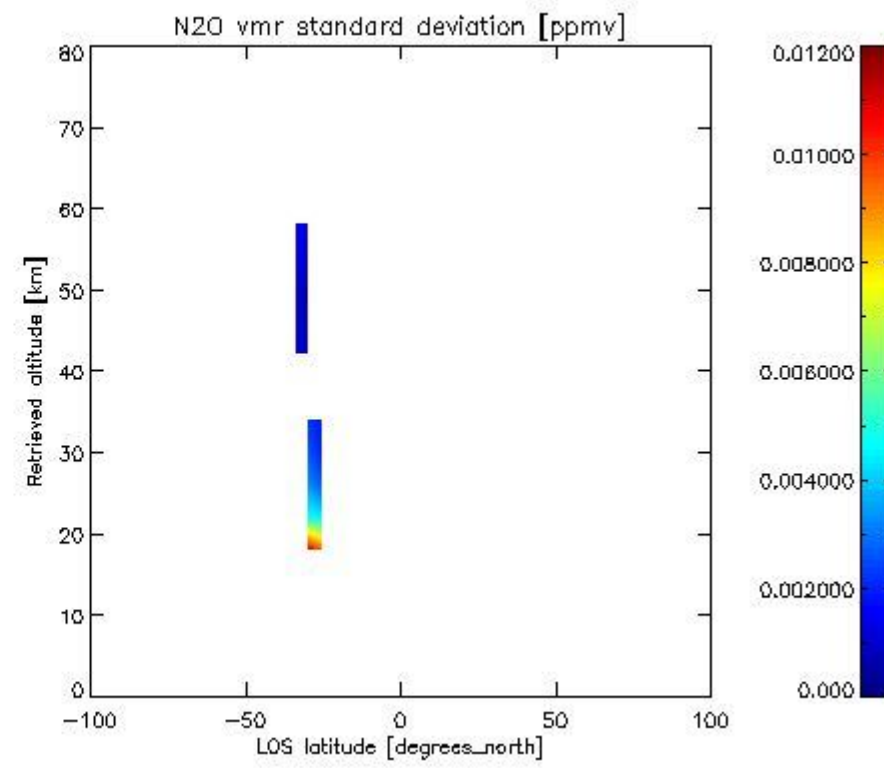
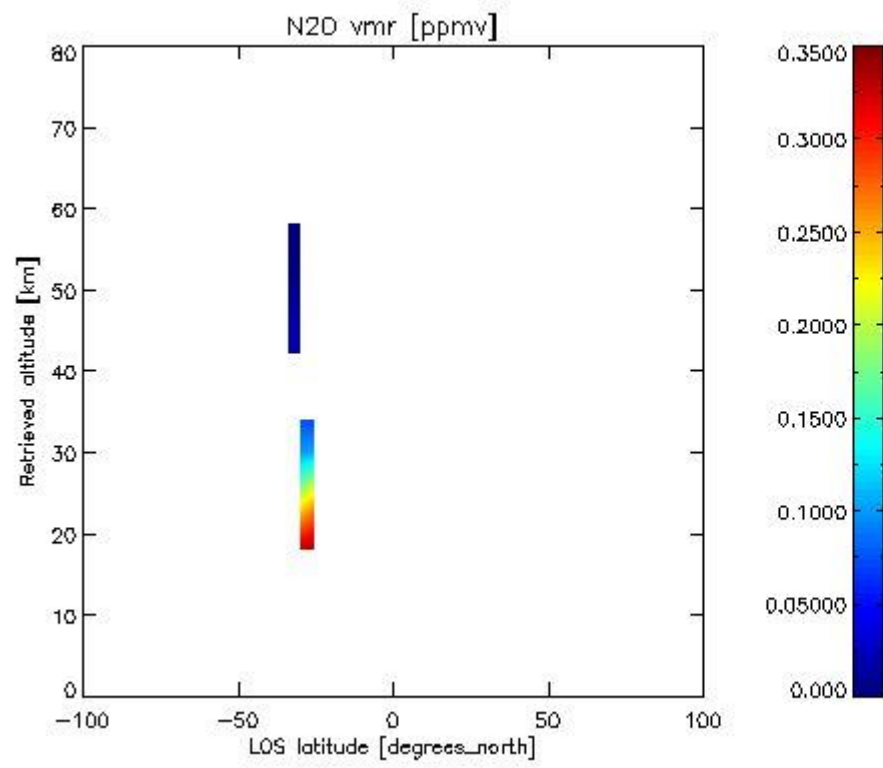
**2.2.4.3 HNO<sub>3</sub> overview** This section shows values (left) and error (right) for HNO<sub>3</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



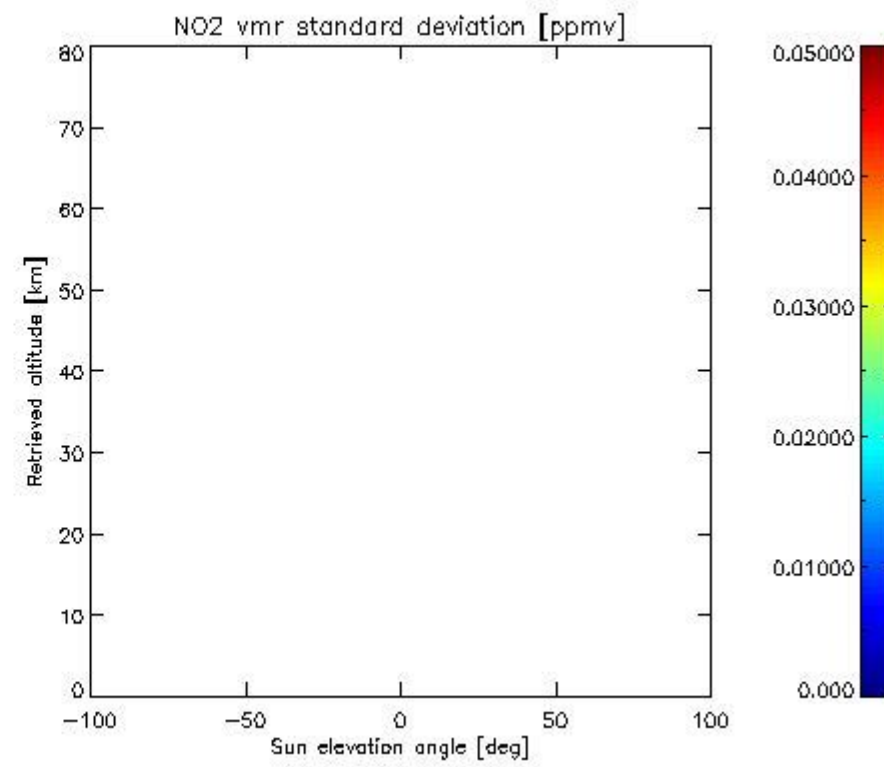
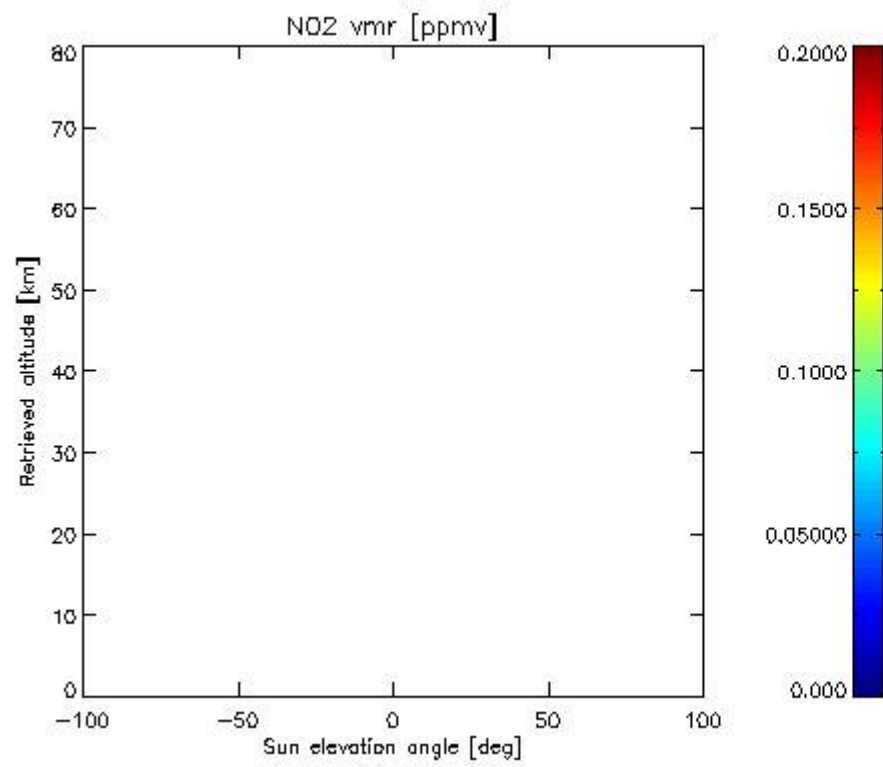
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



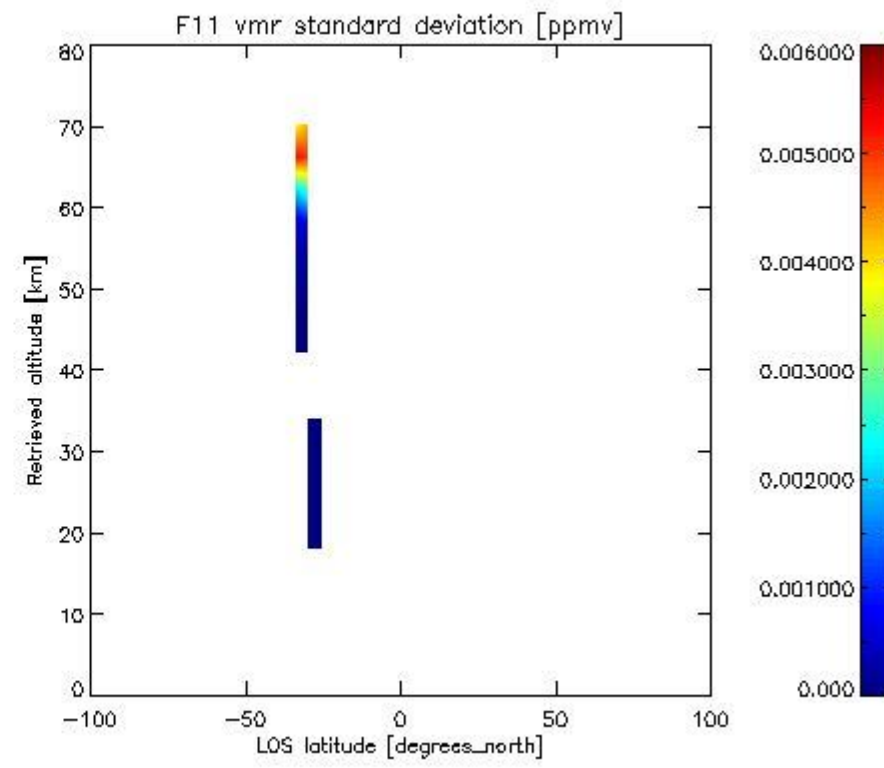
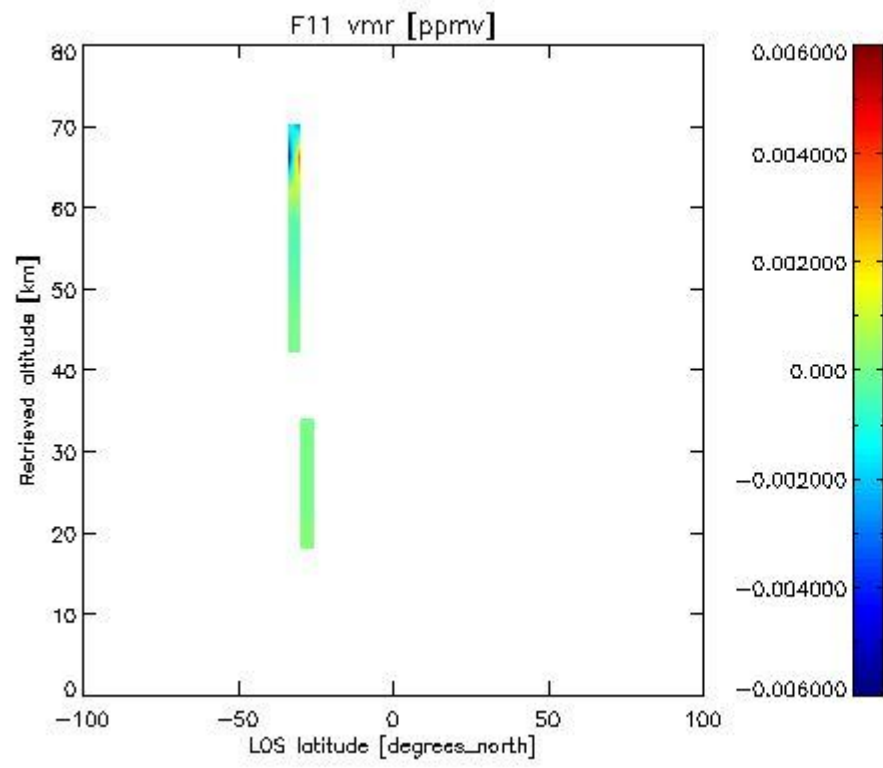
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



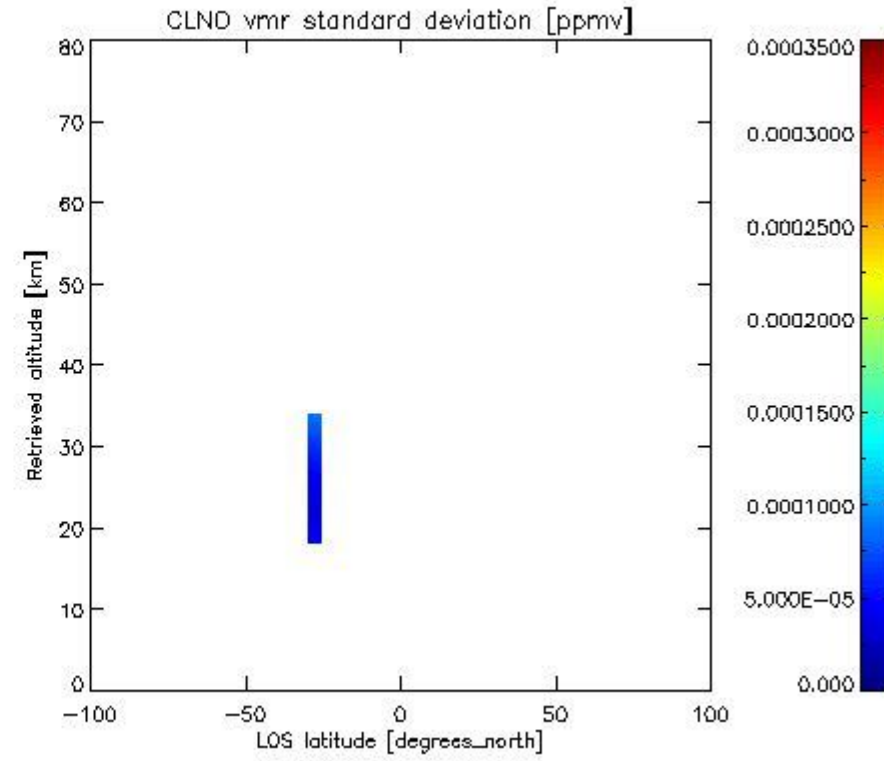
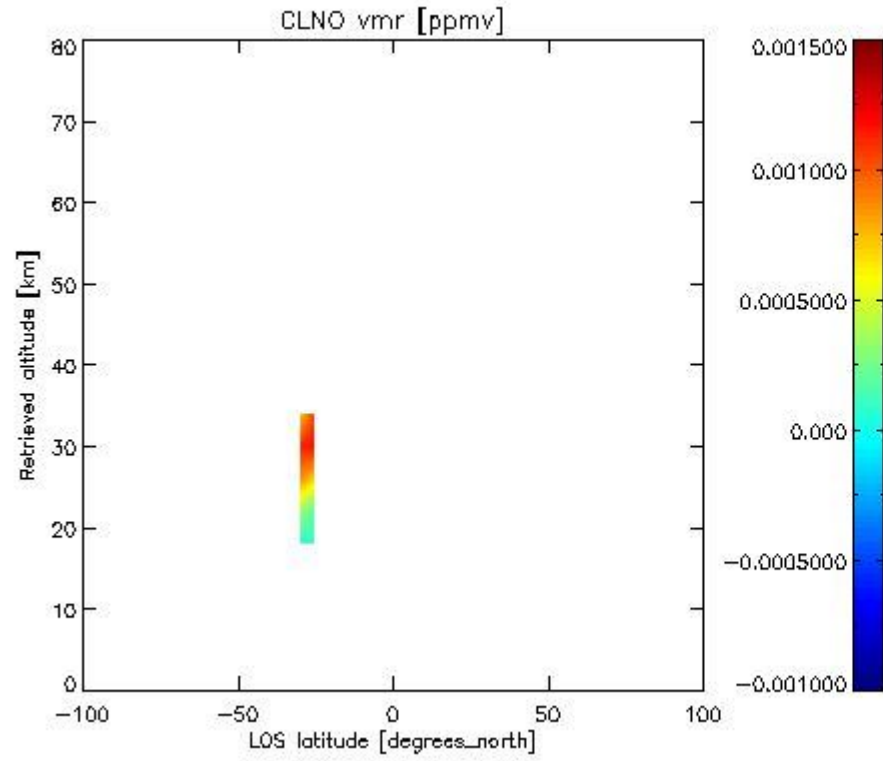
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.

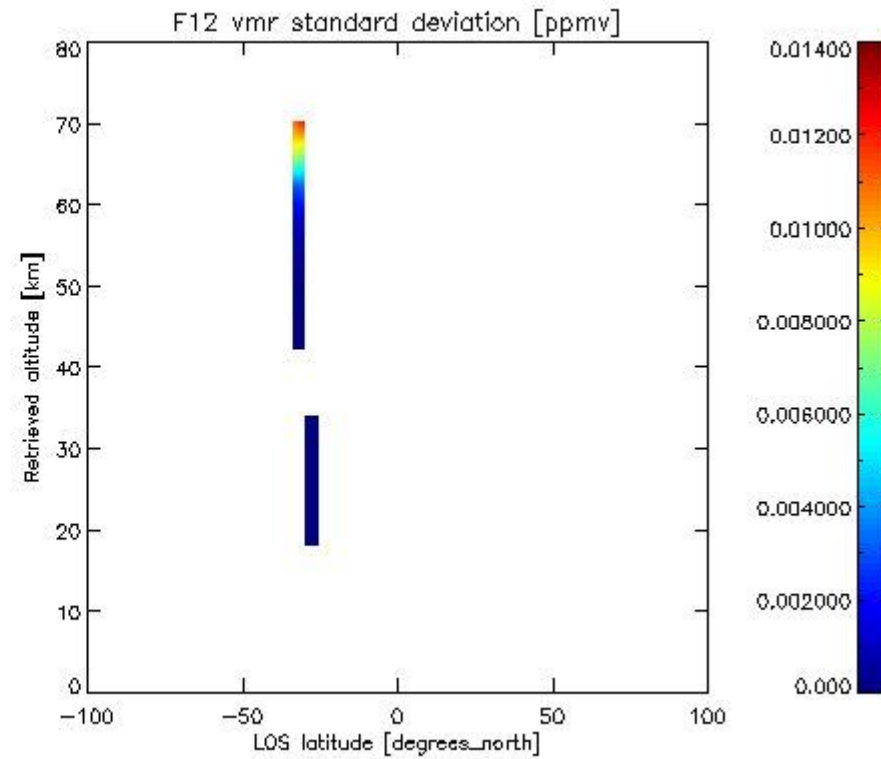
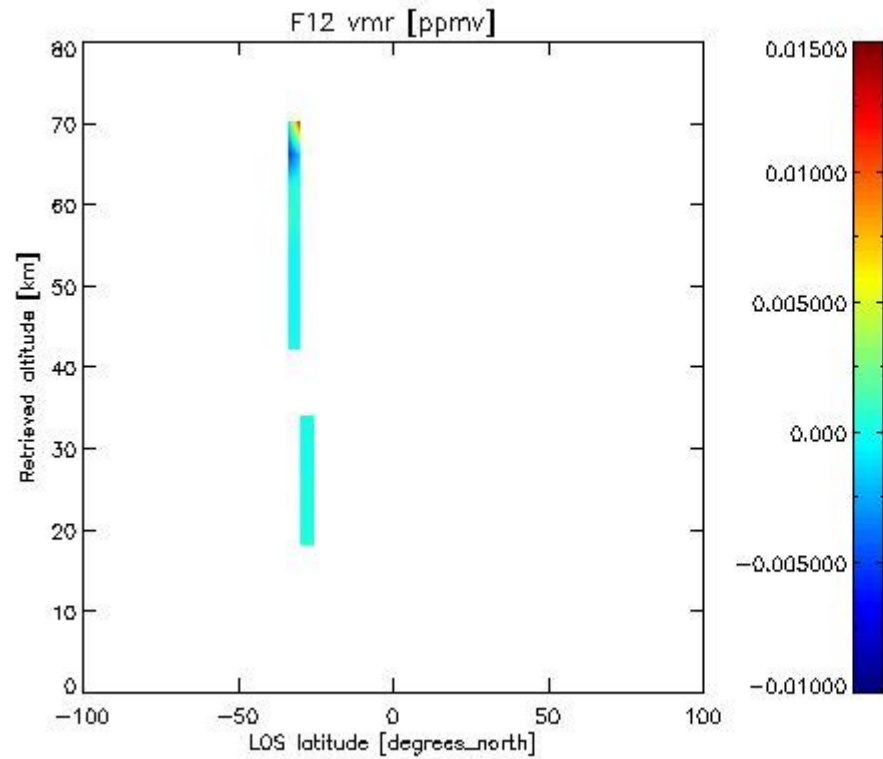
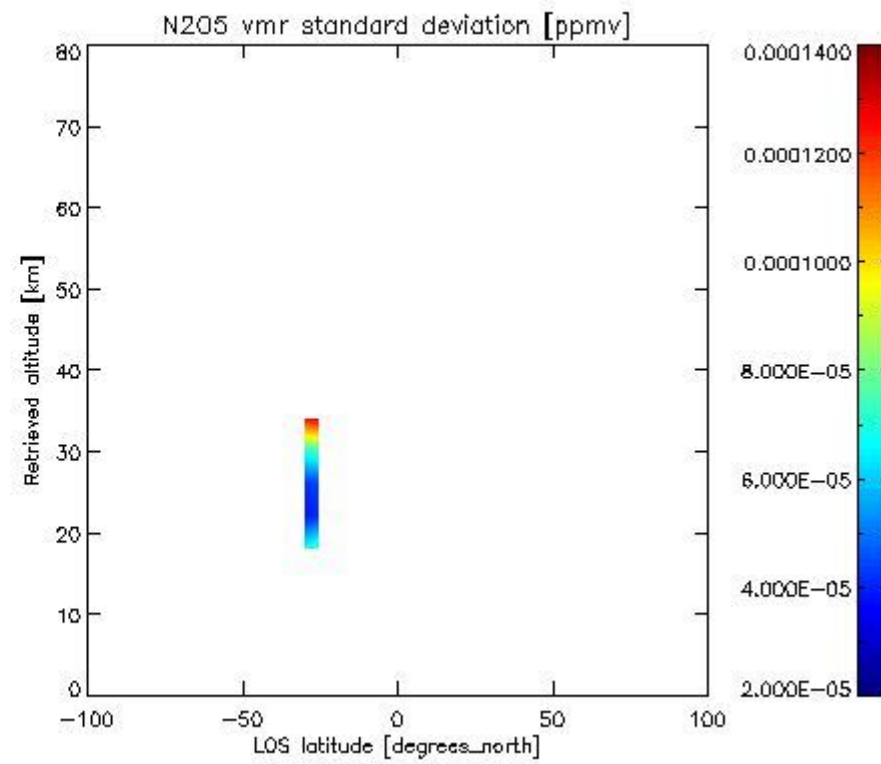
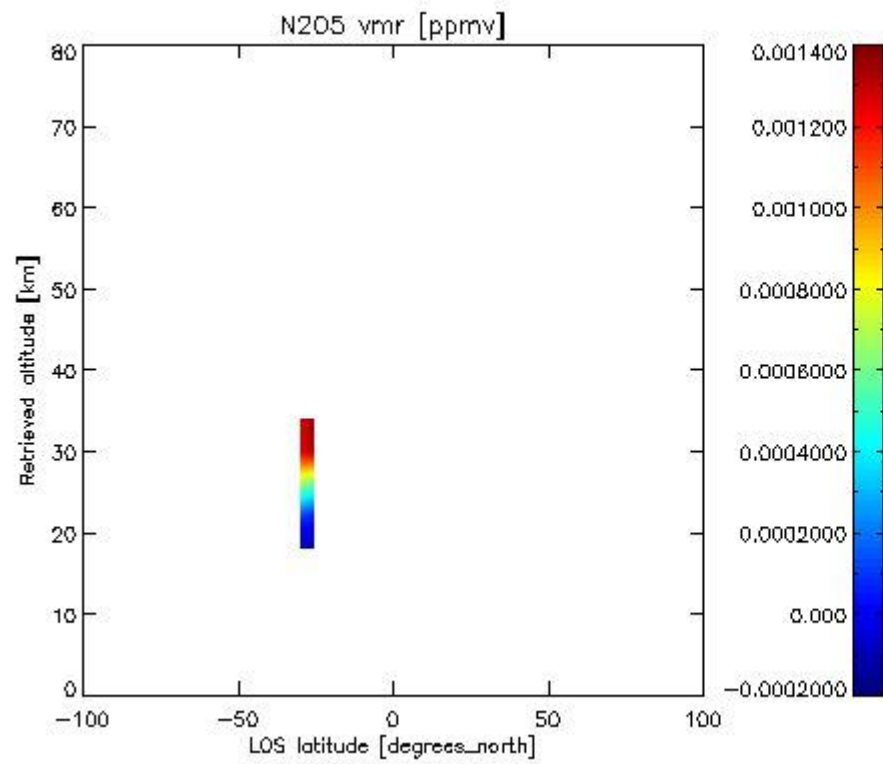


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



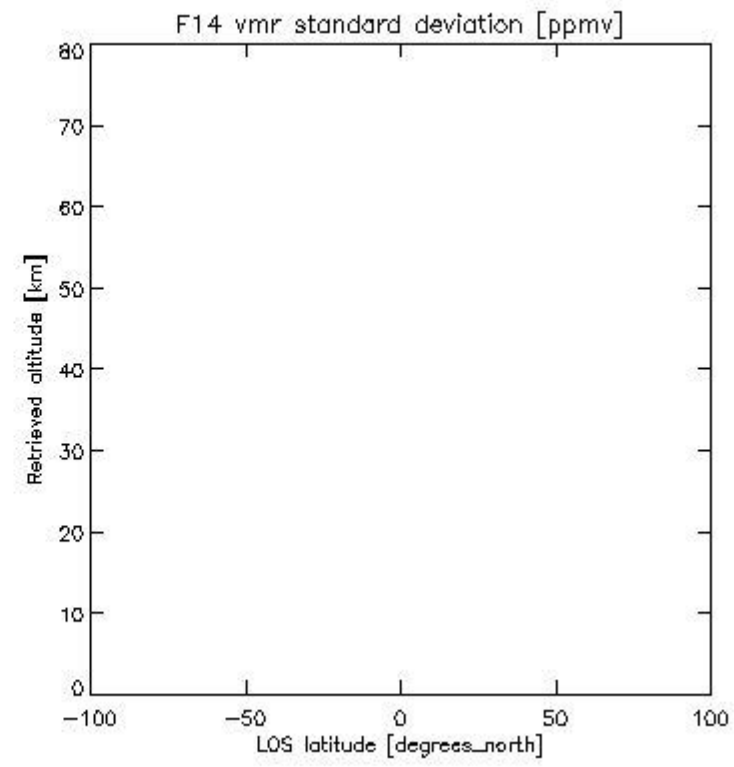
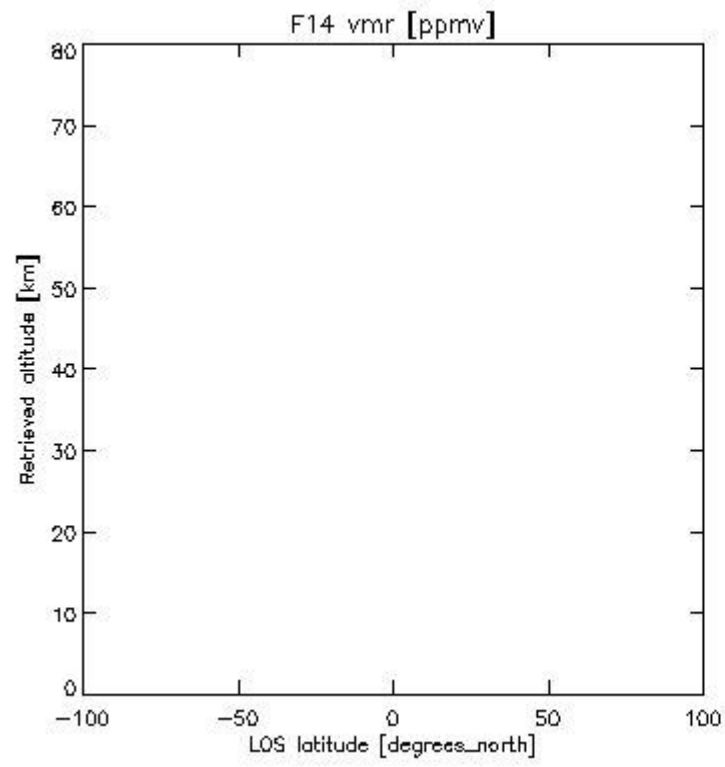
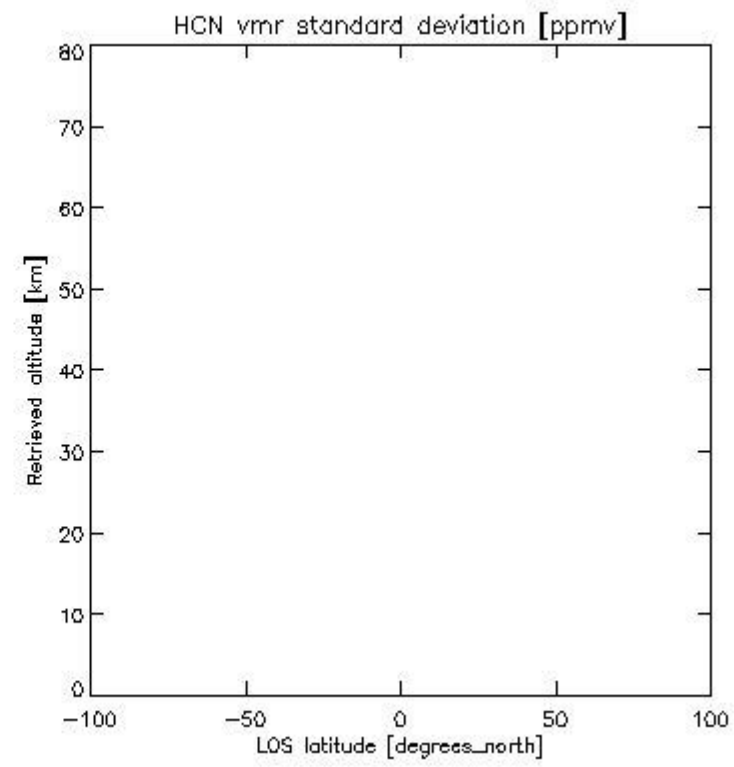
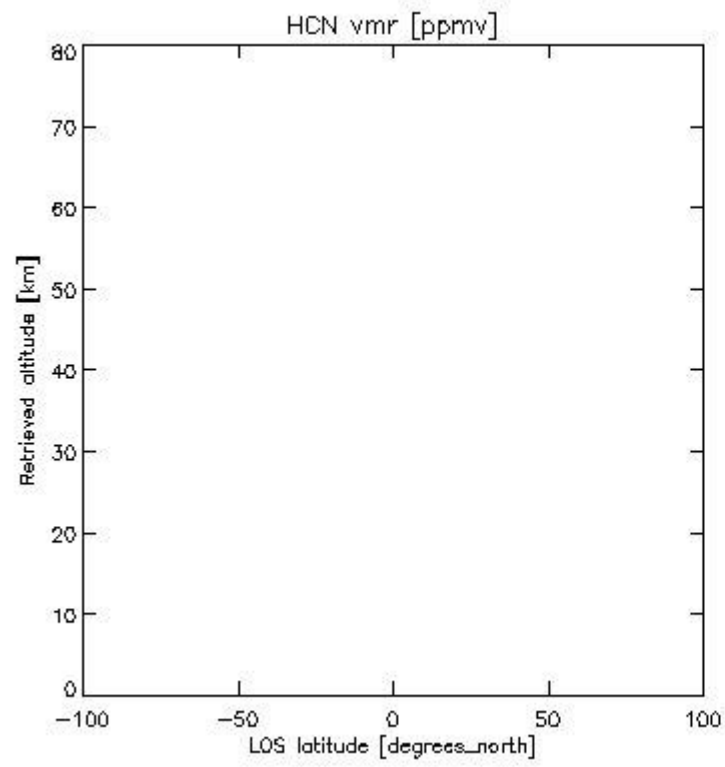
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

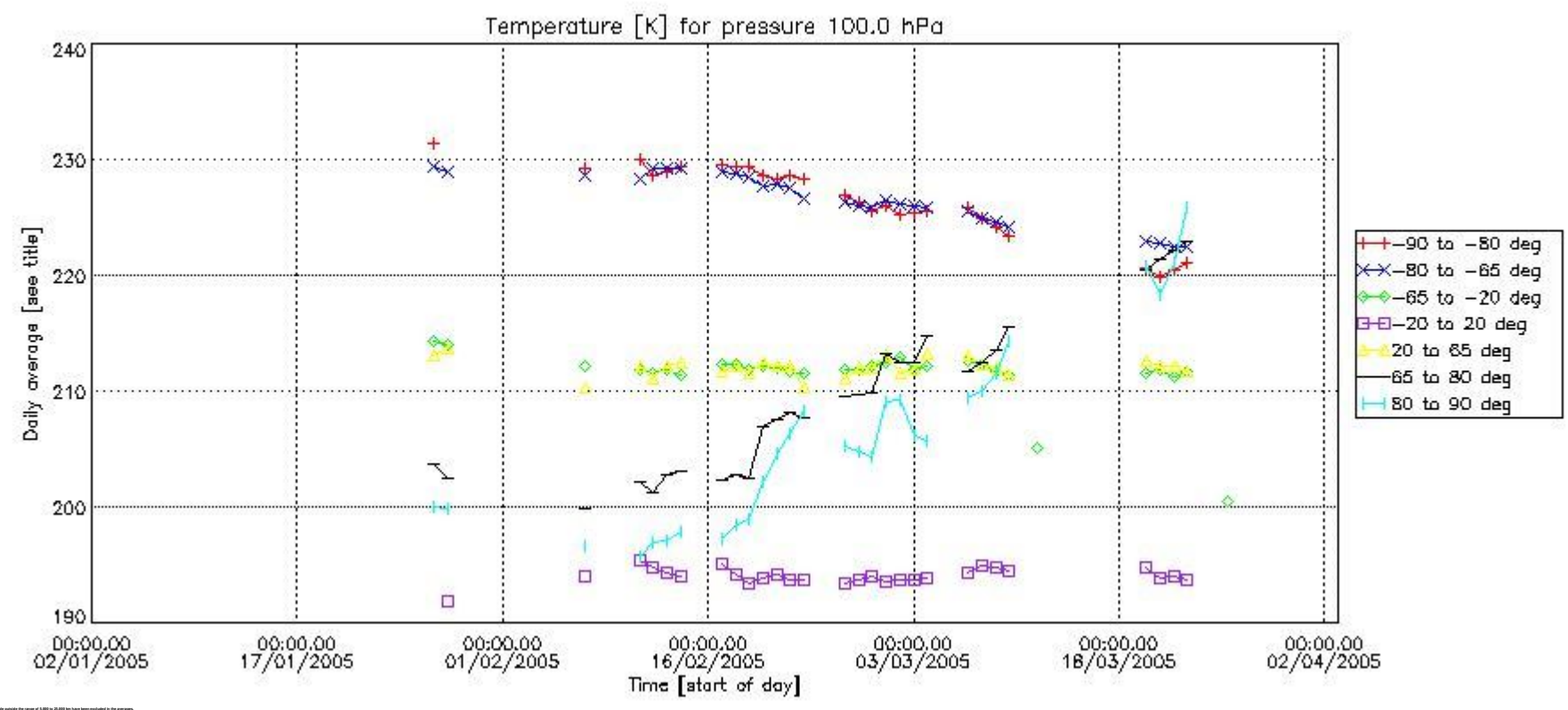
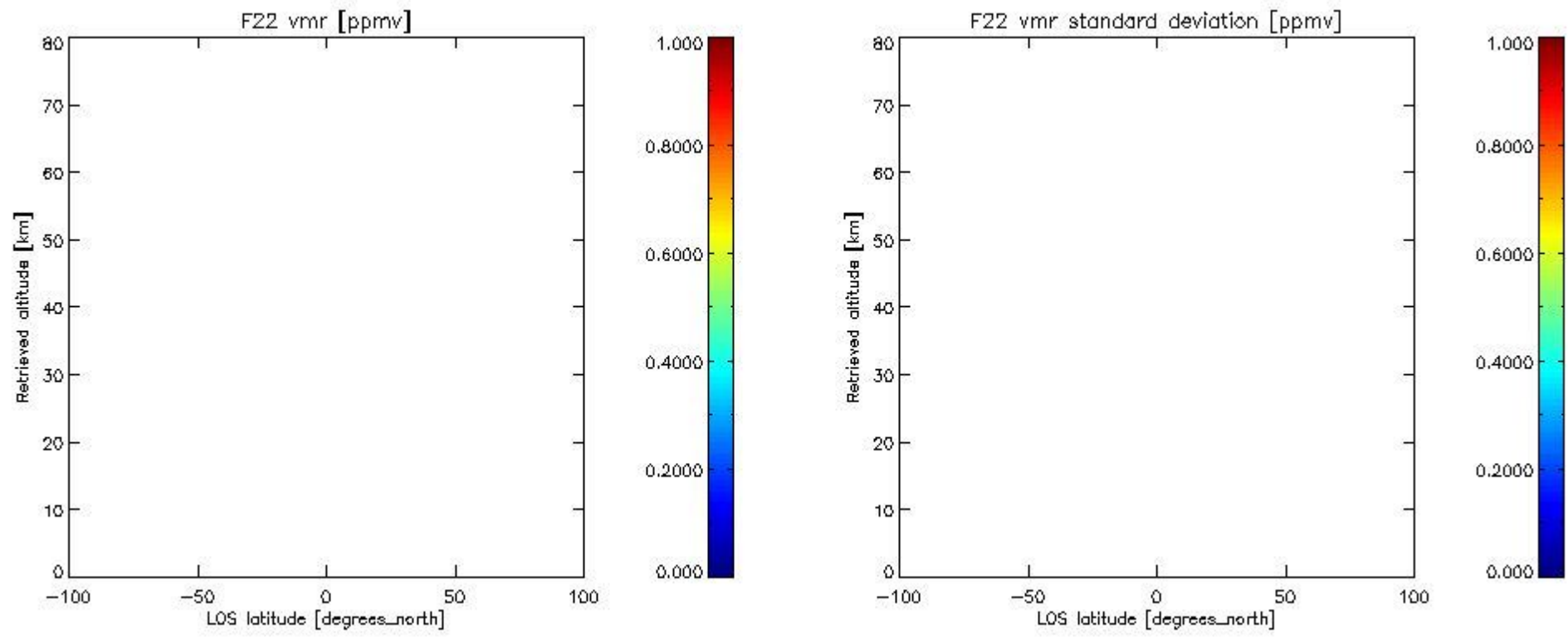


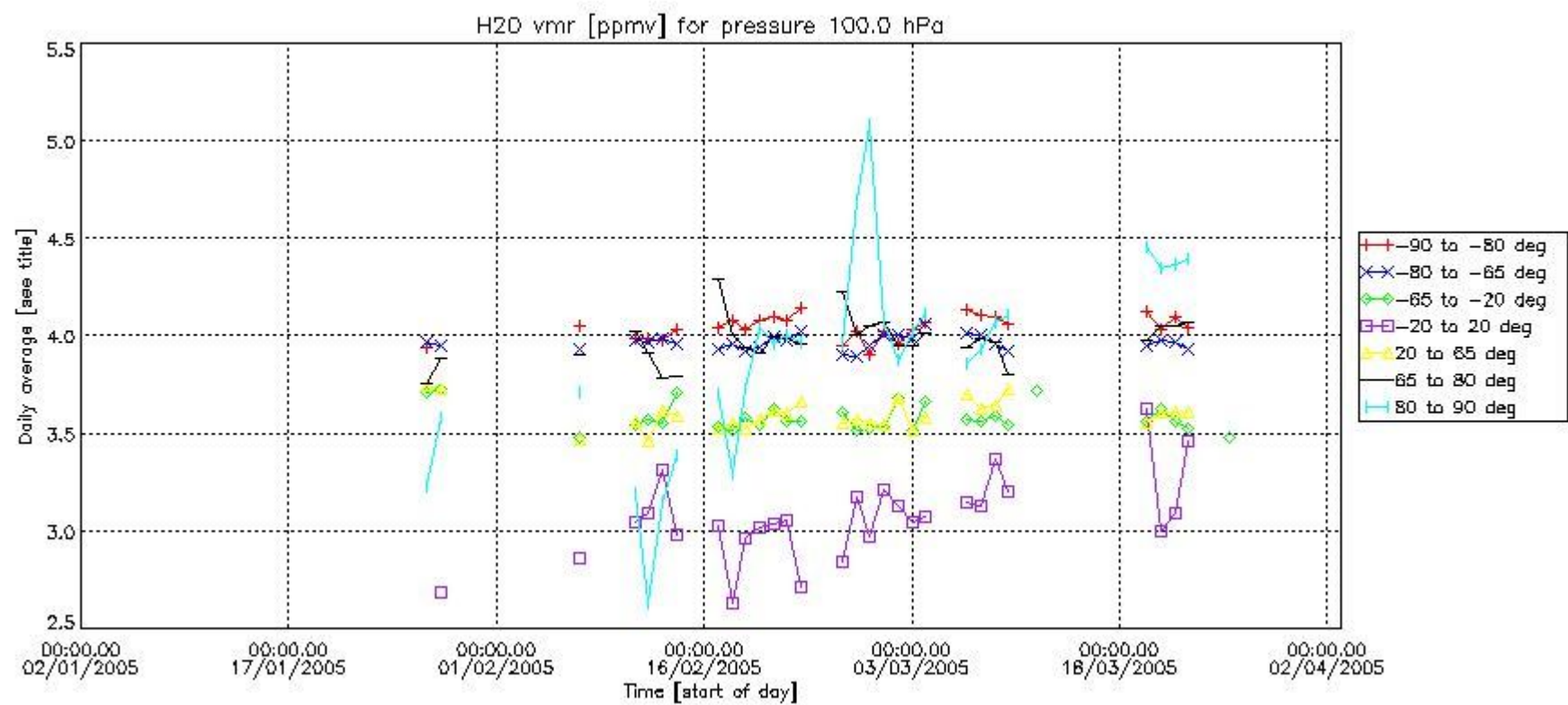
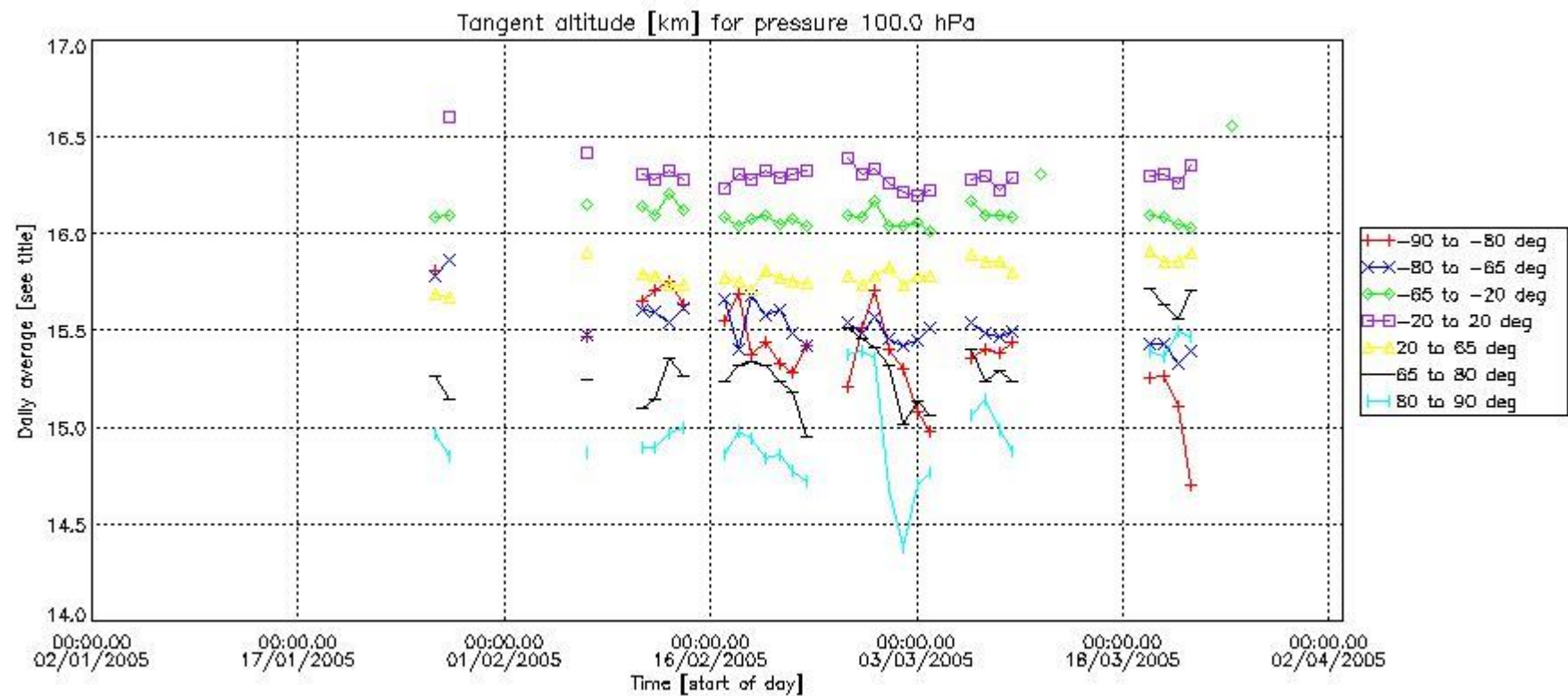


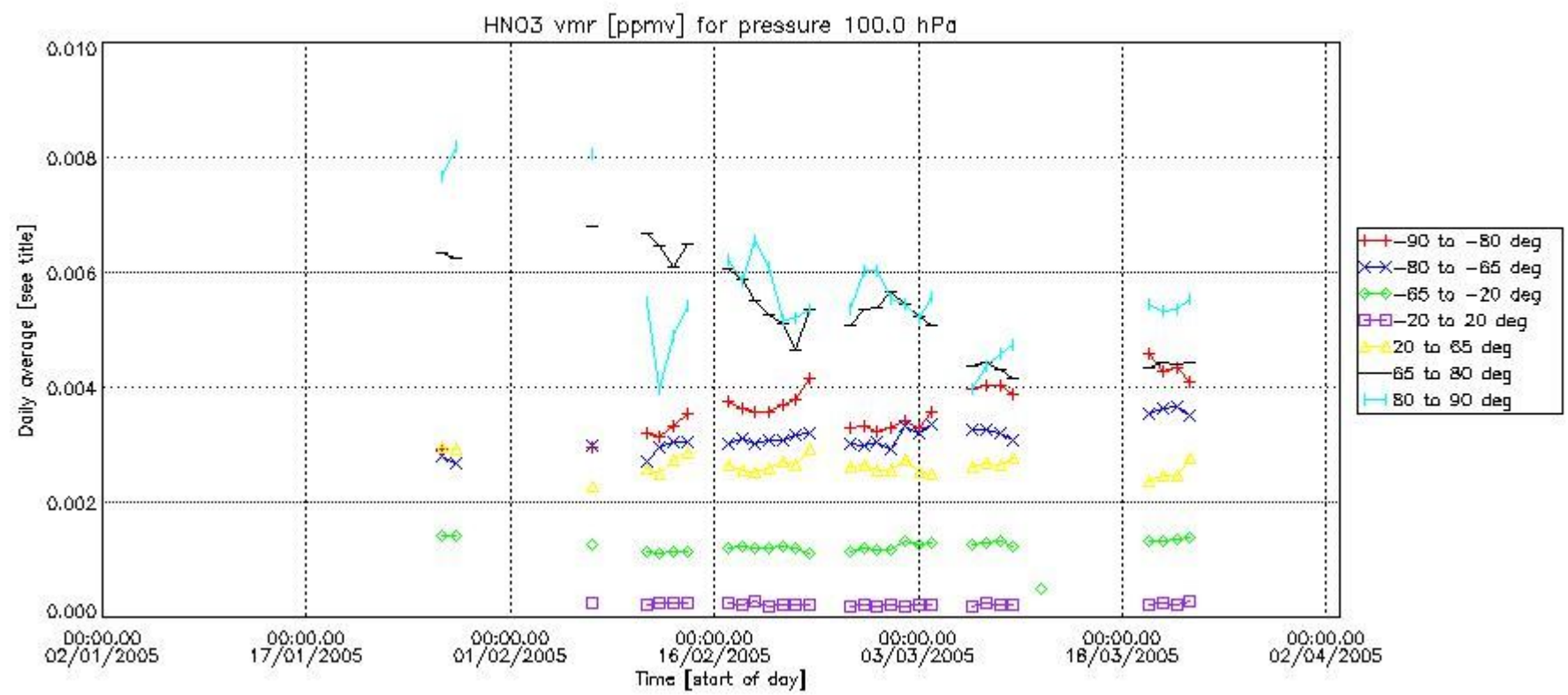
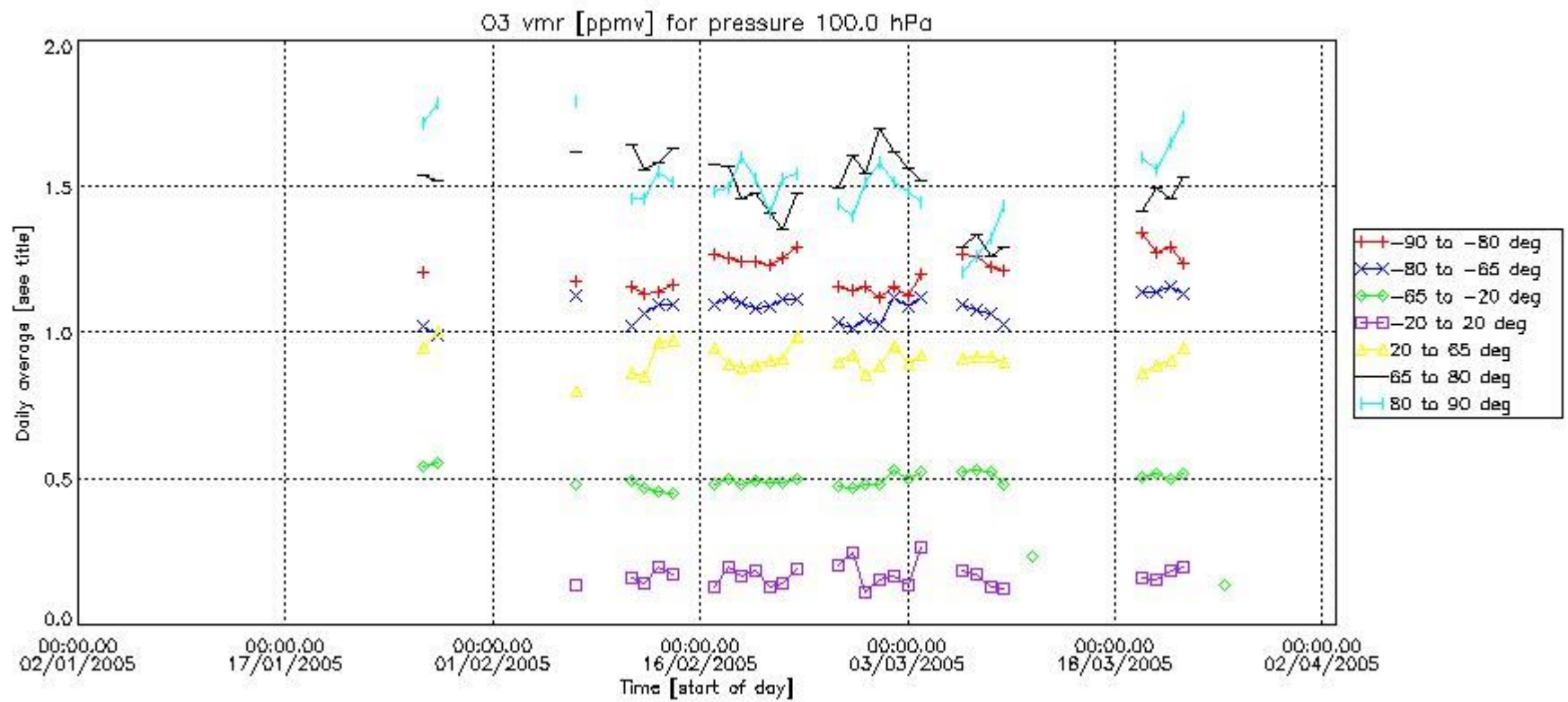


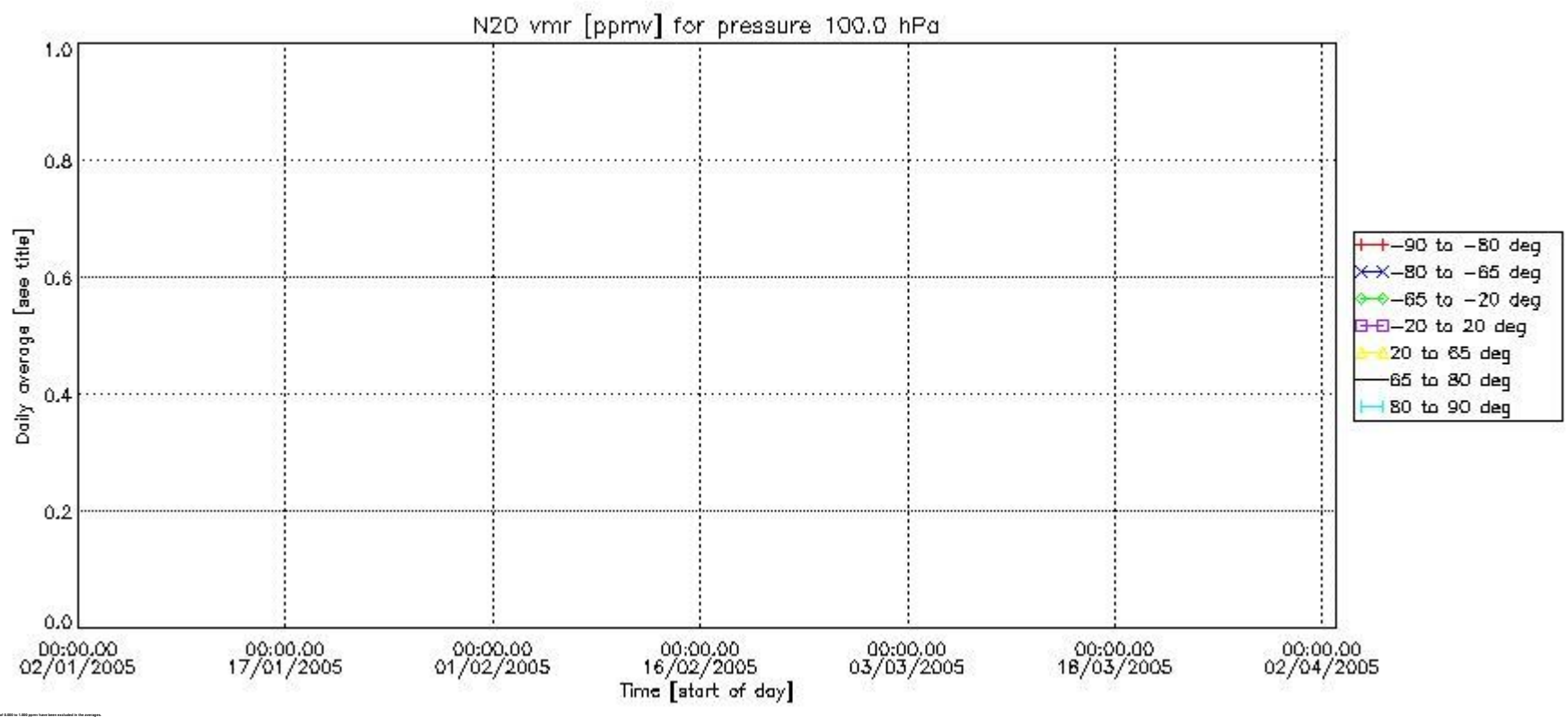
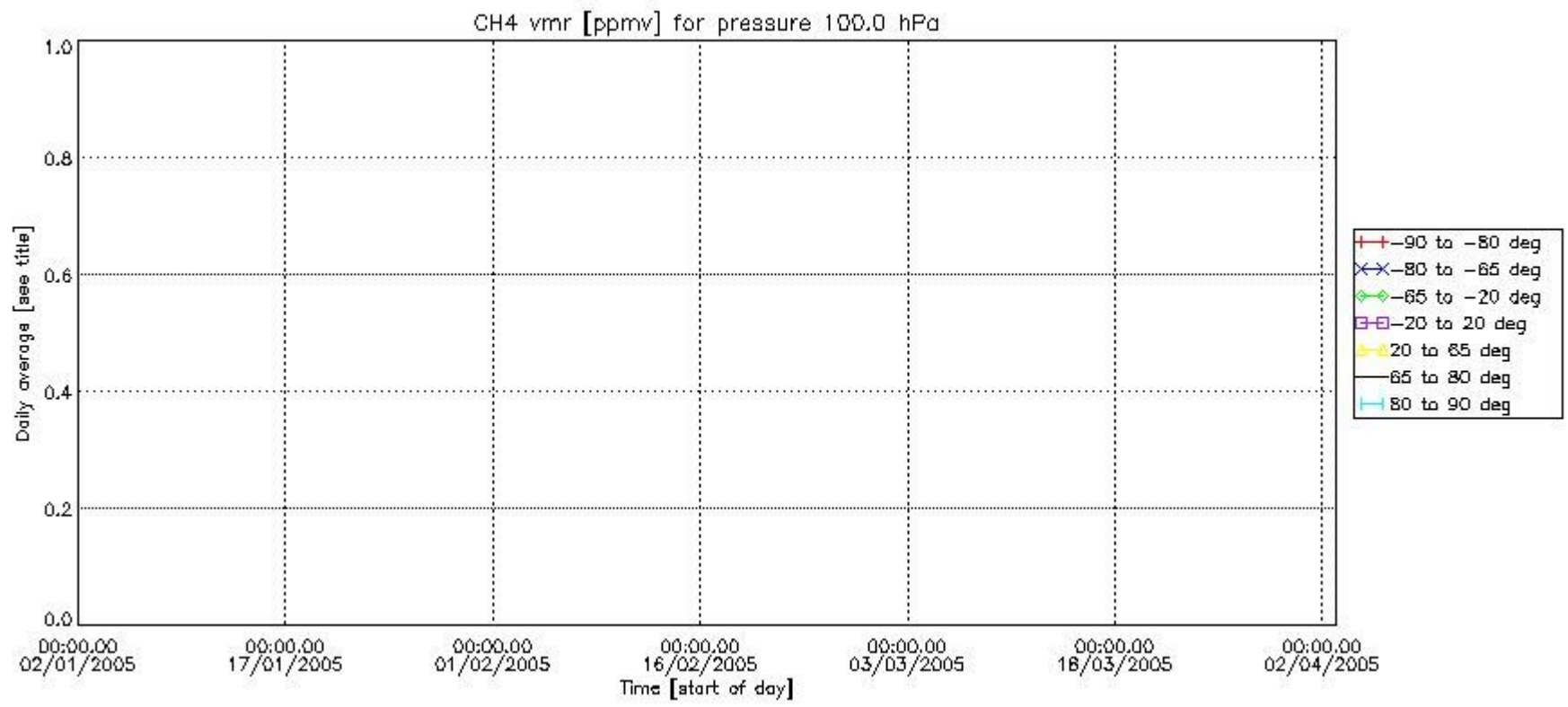


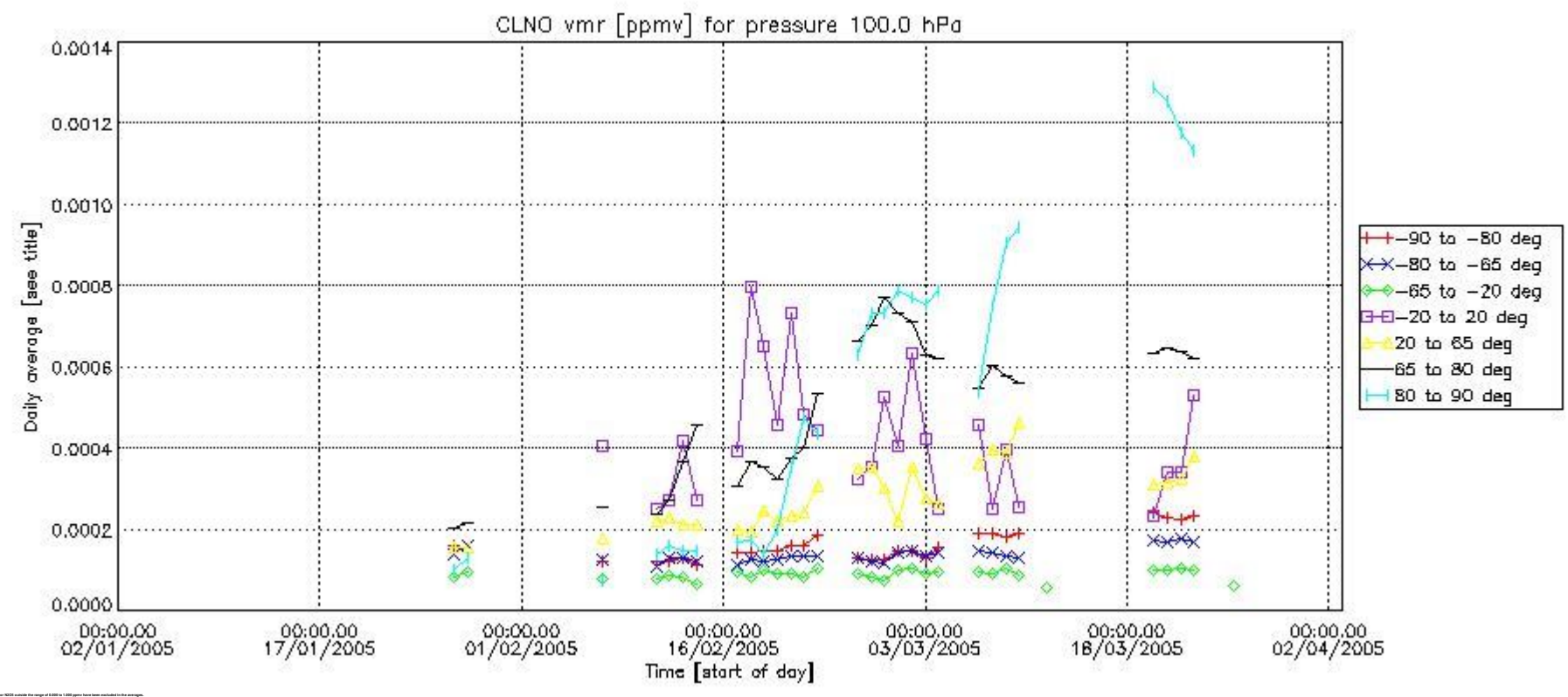
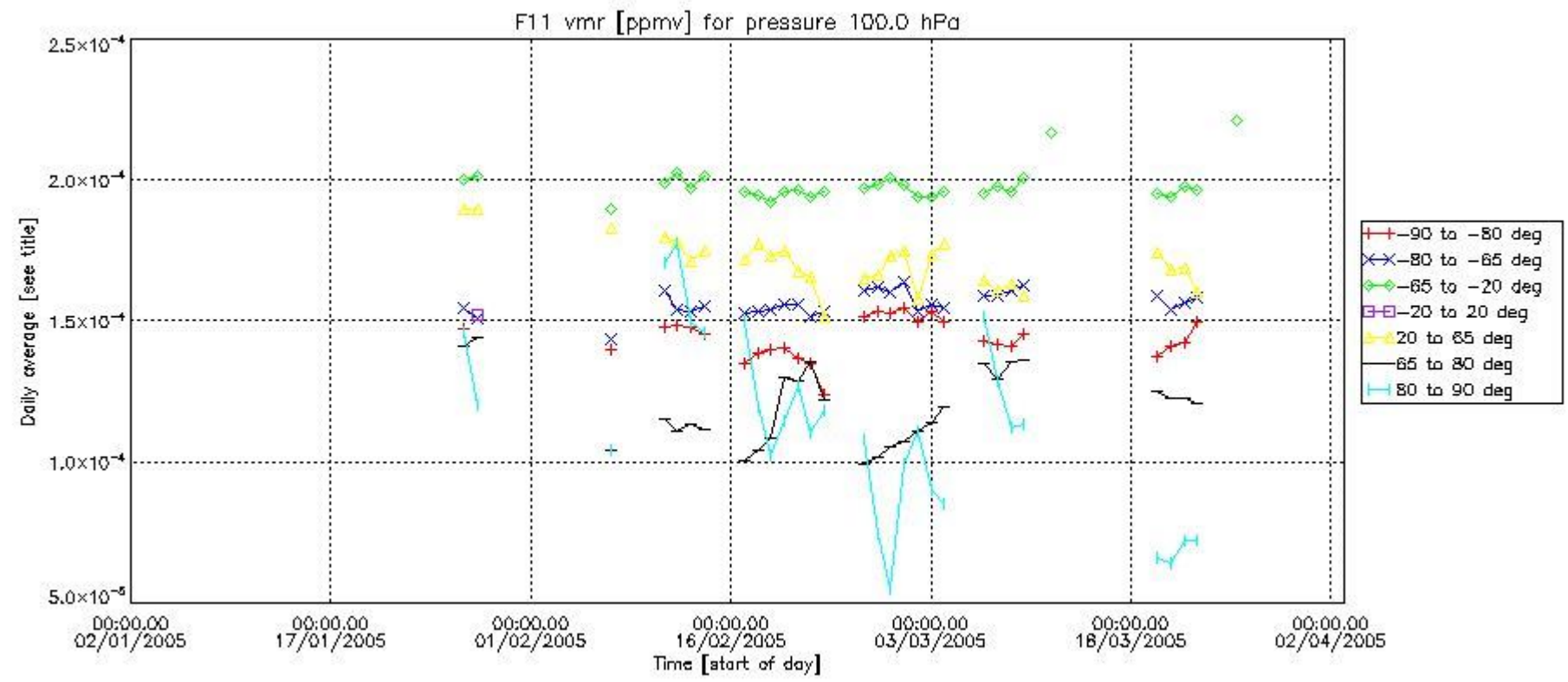


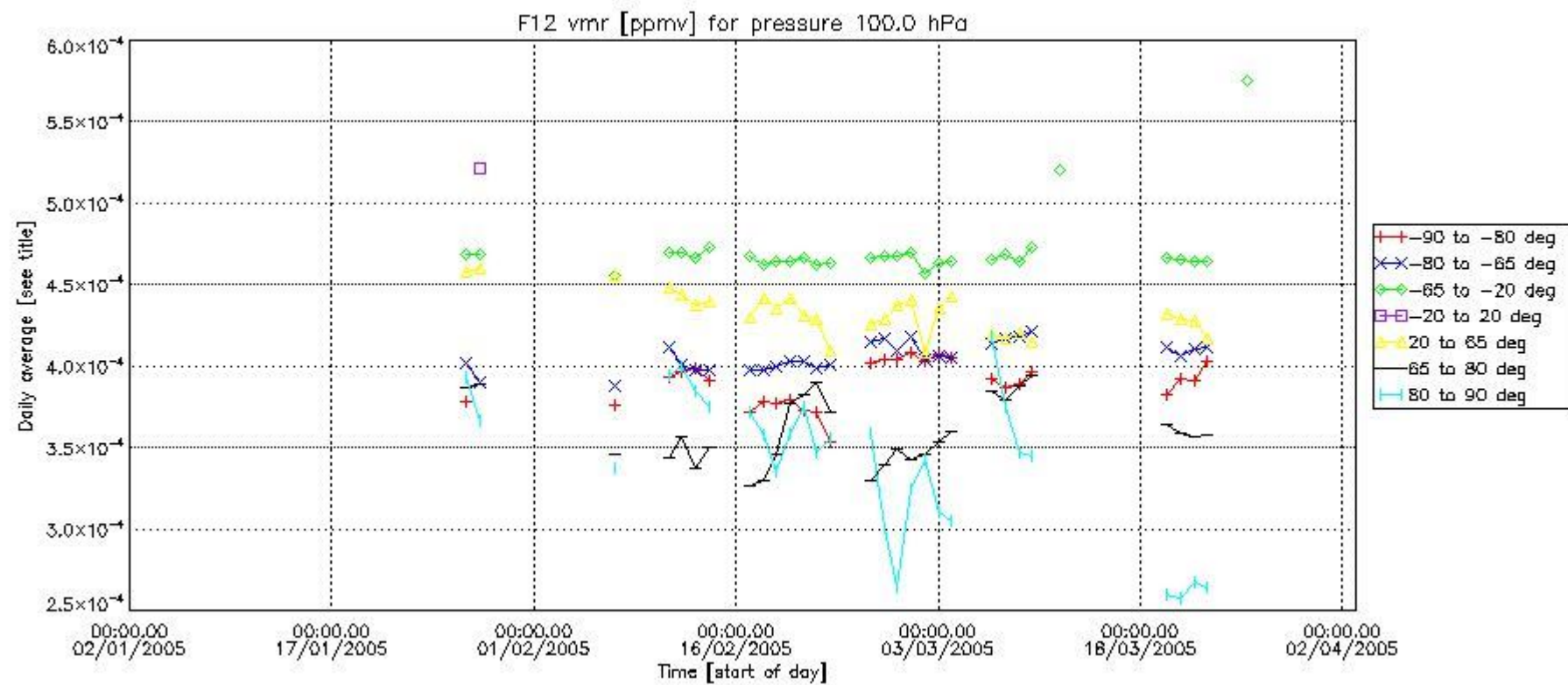
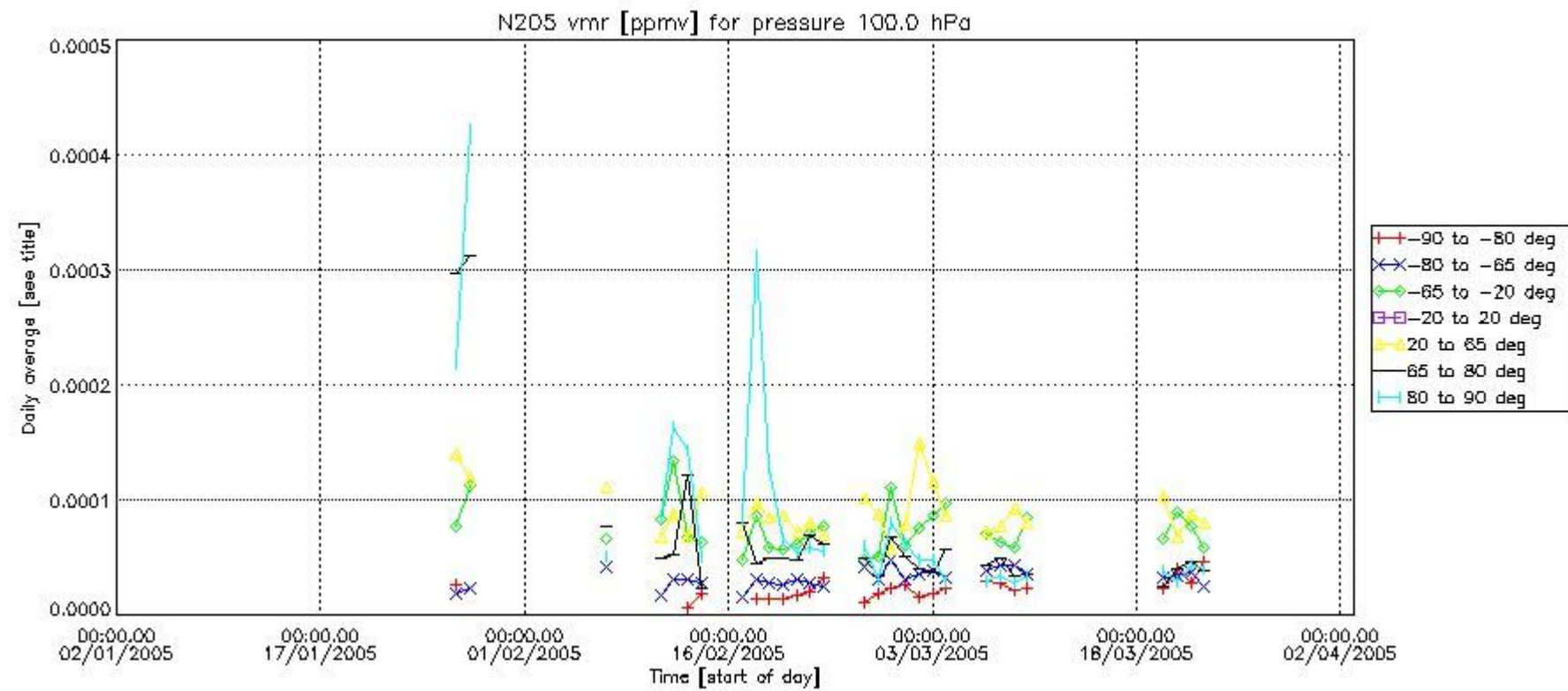




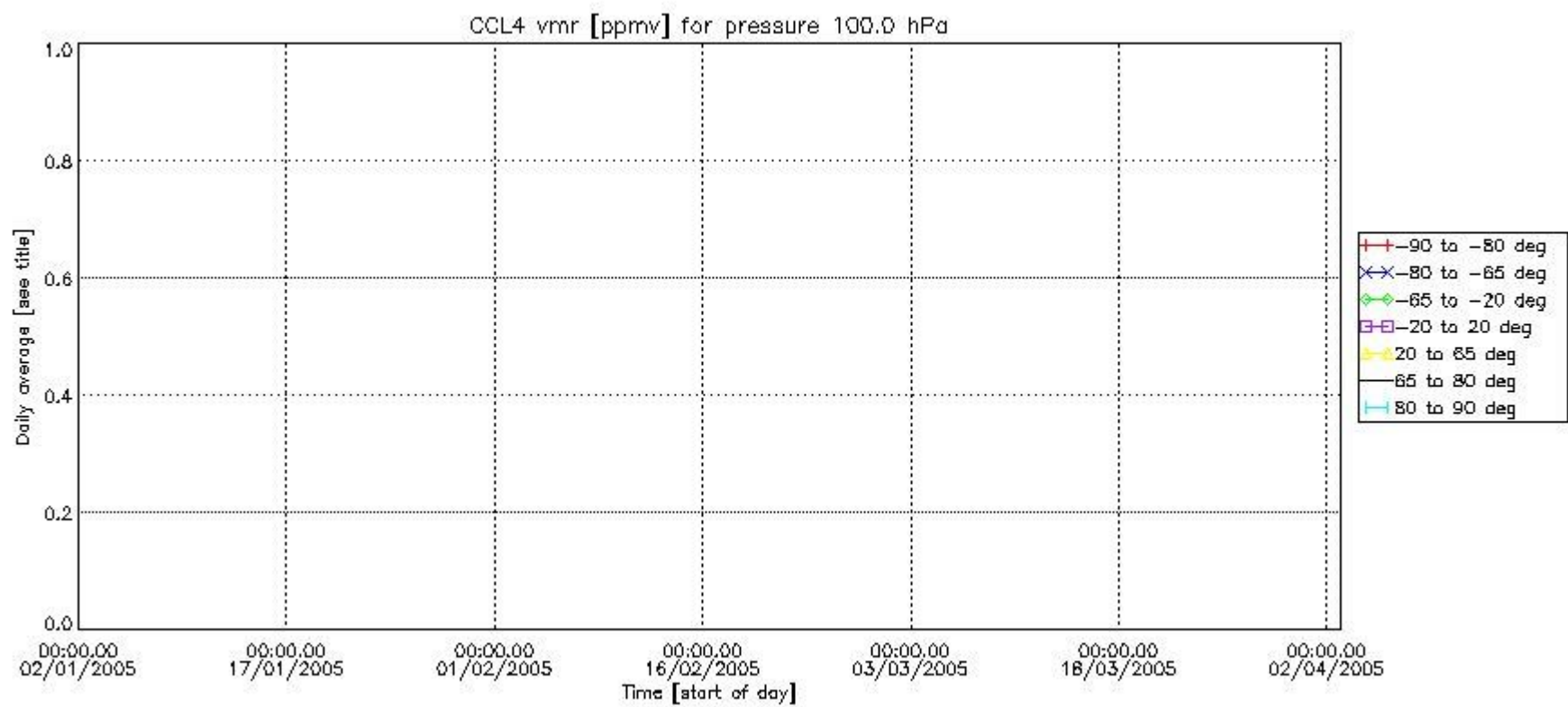
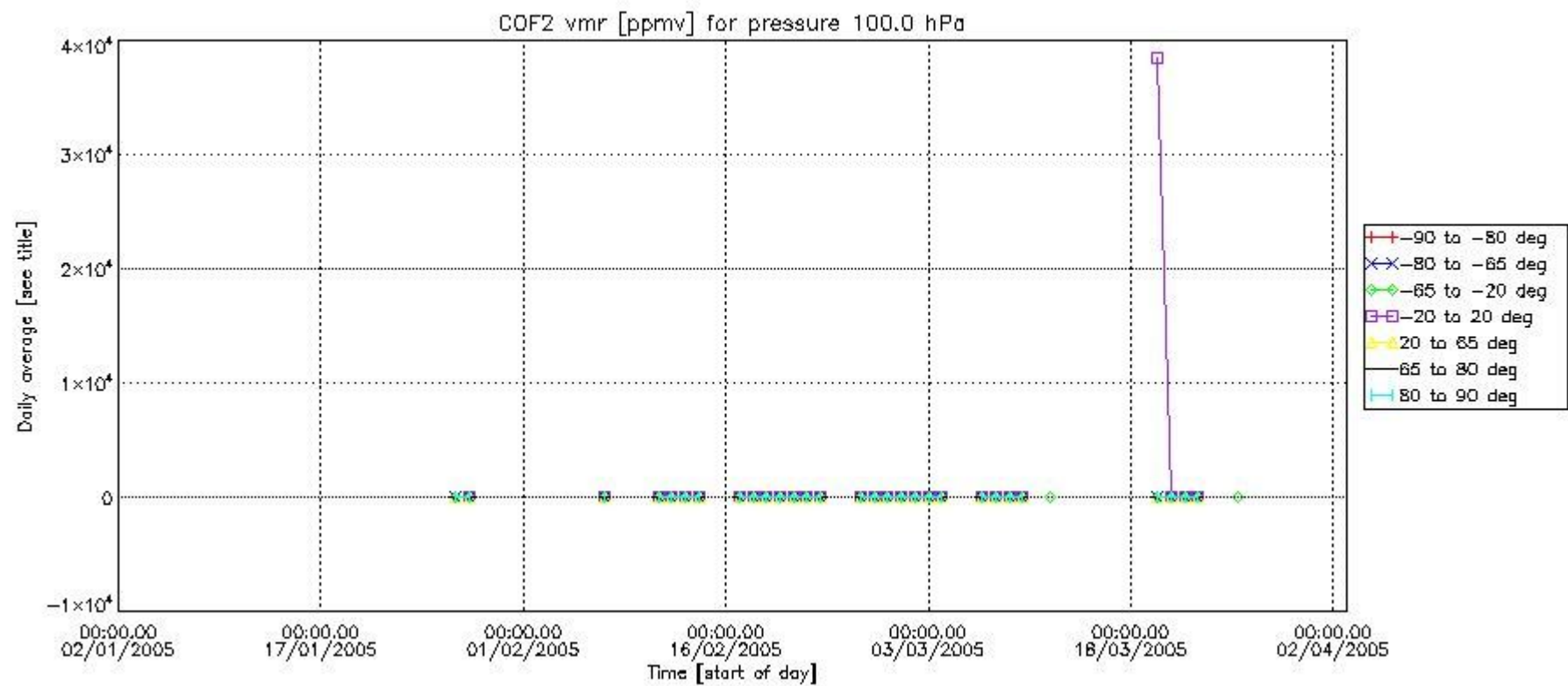


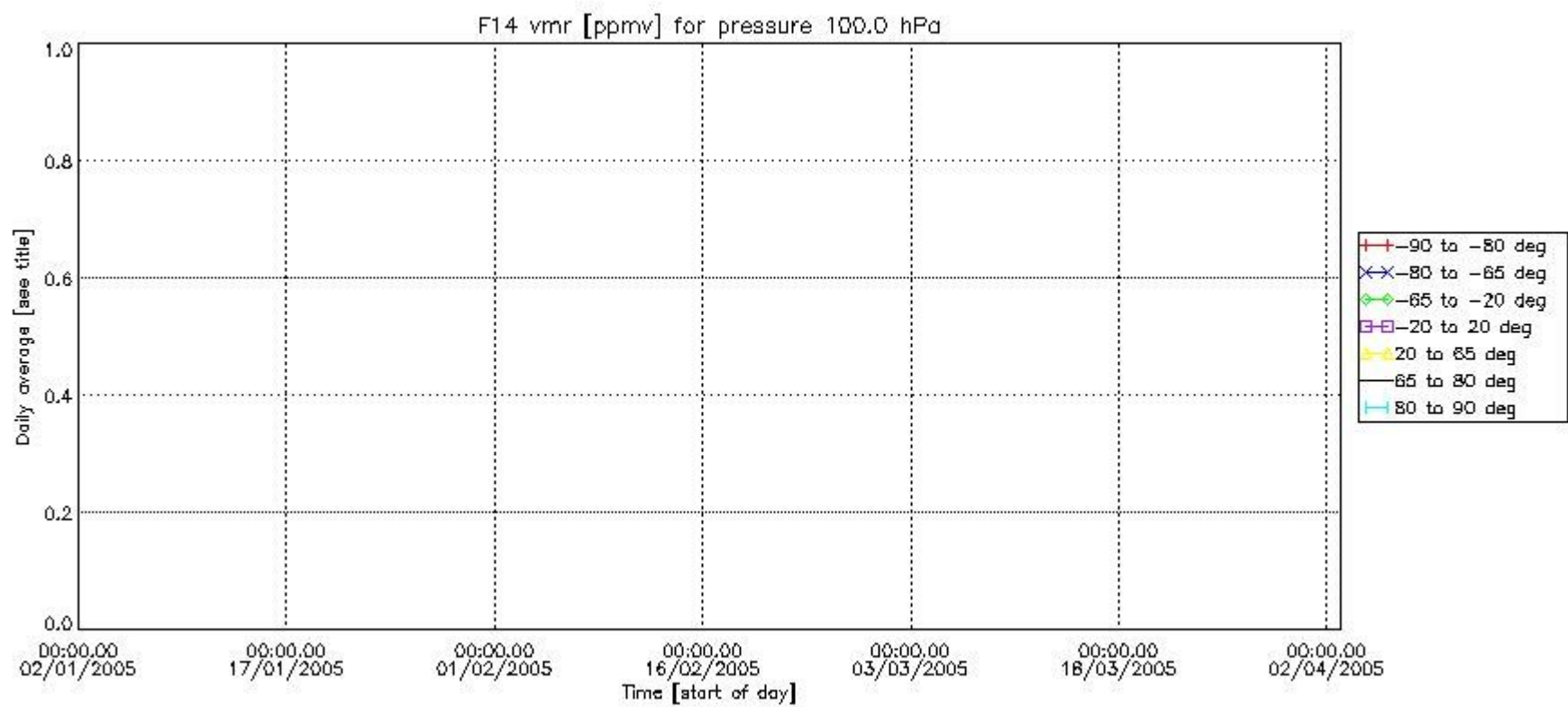
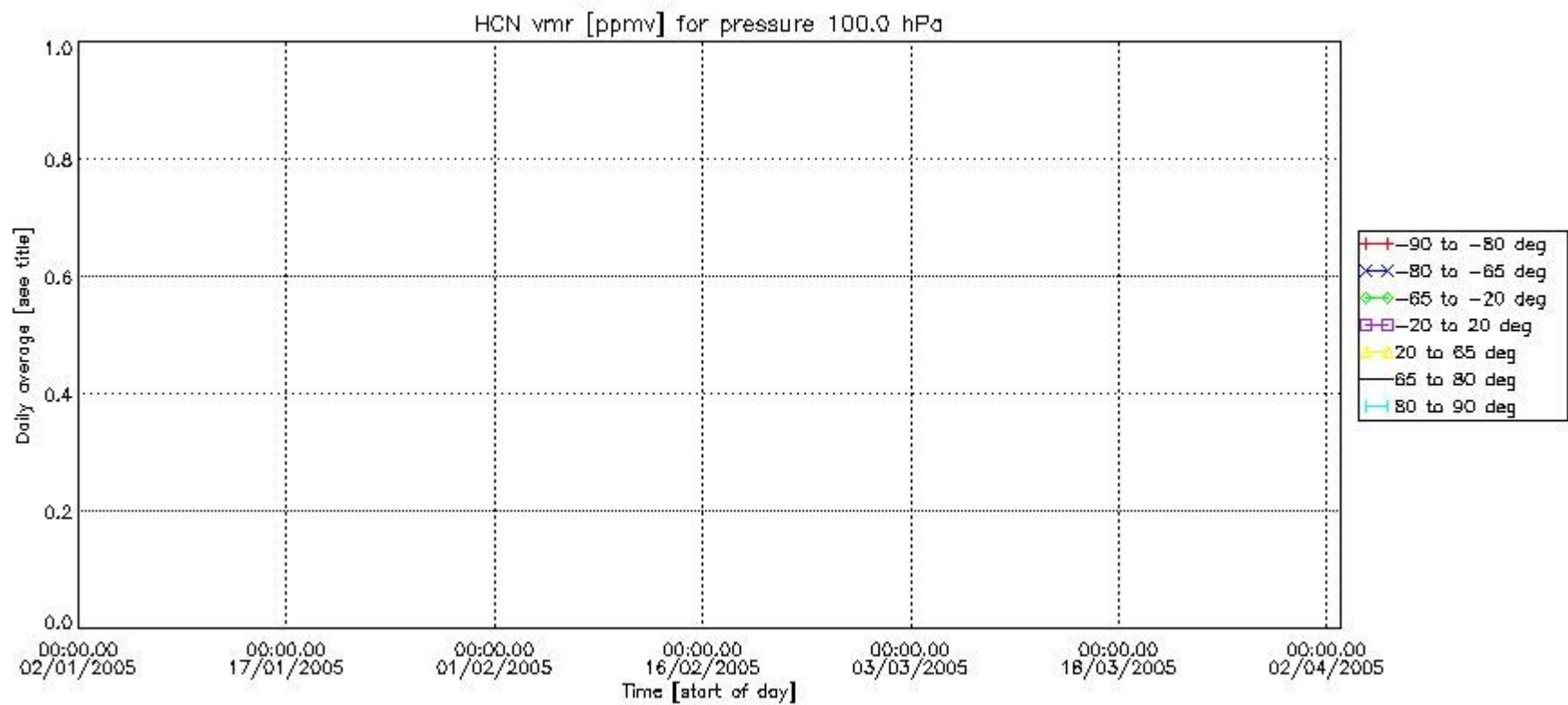


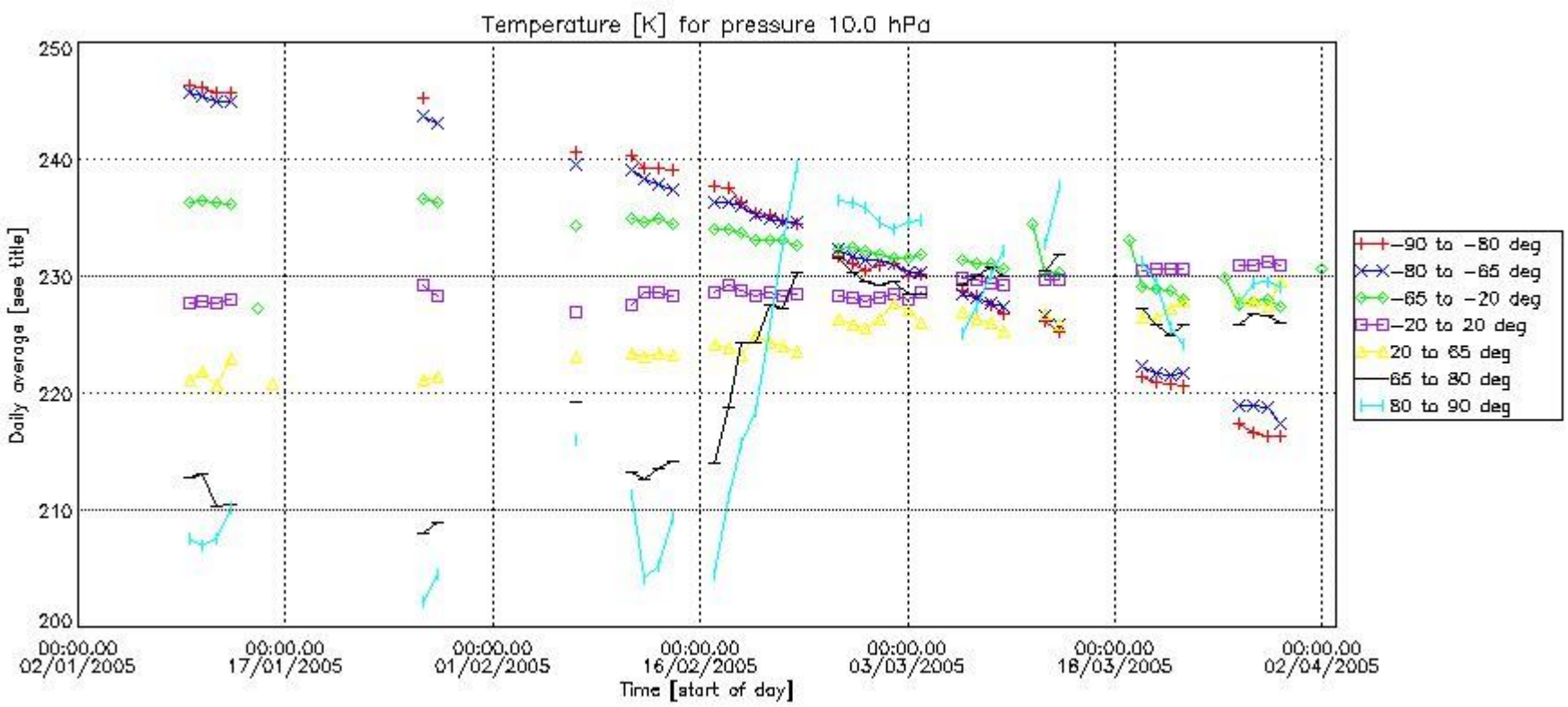
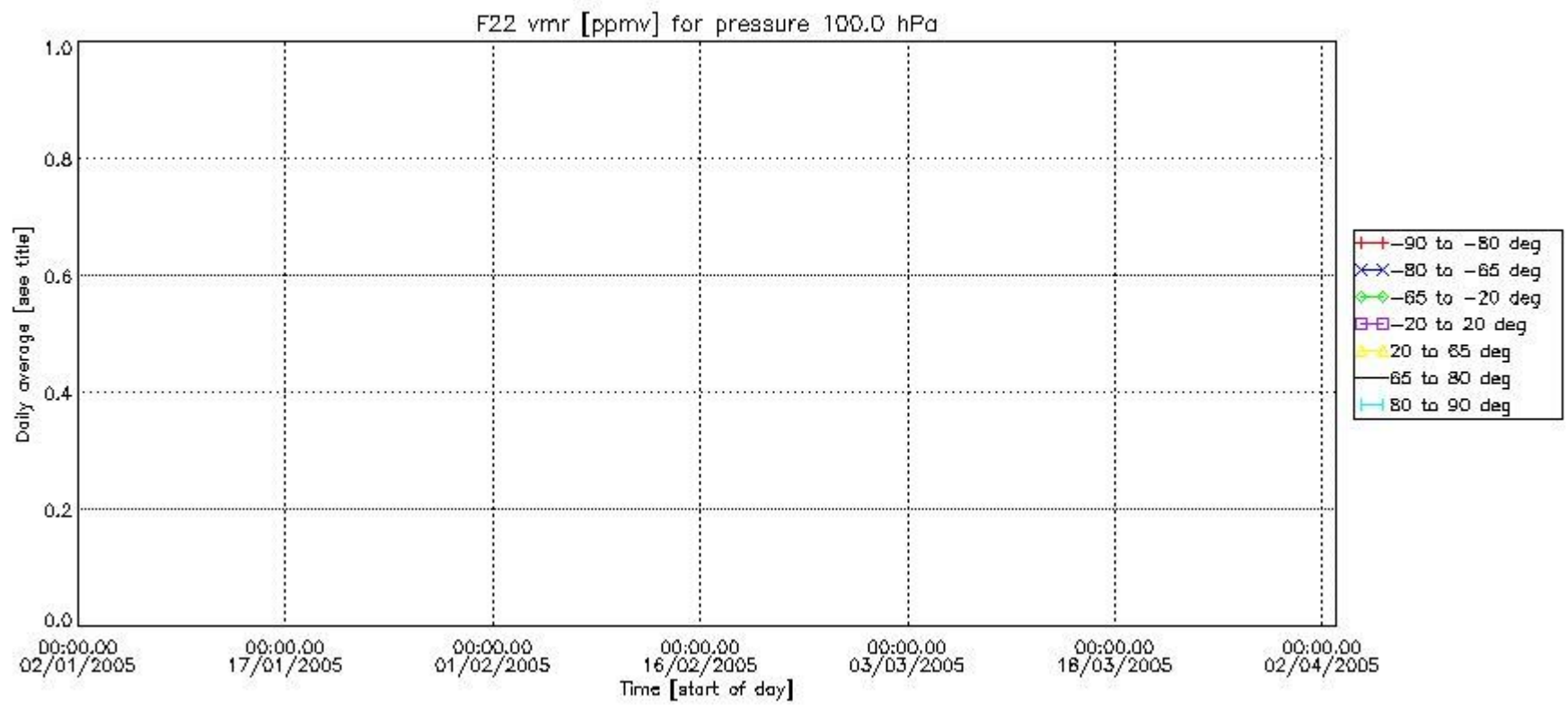


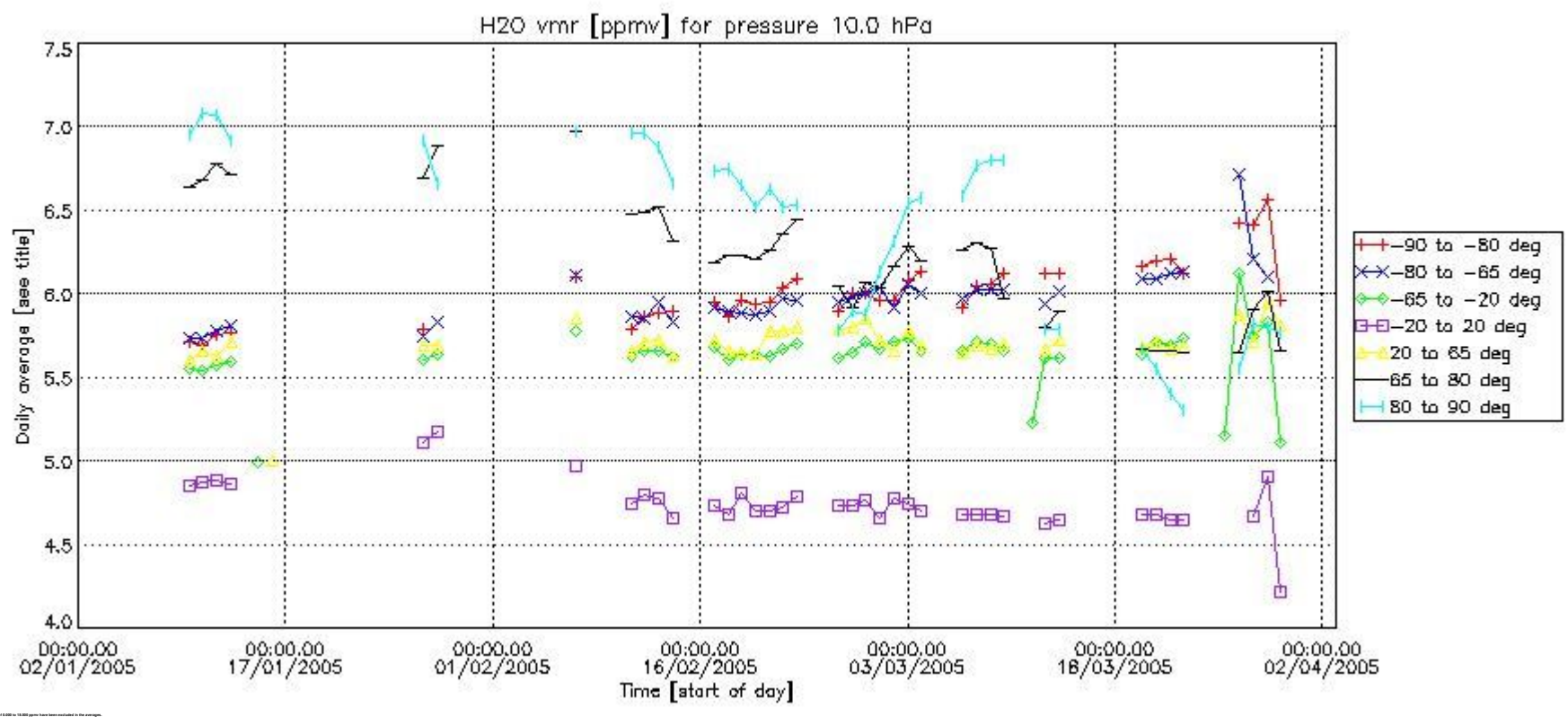
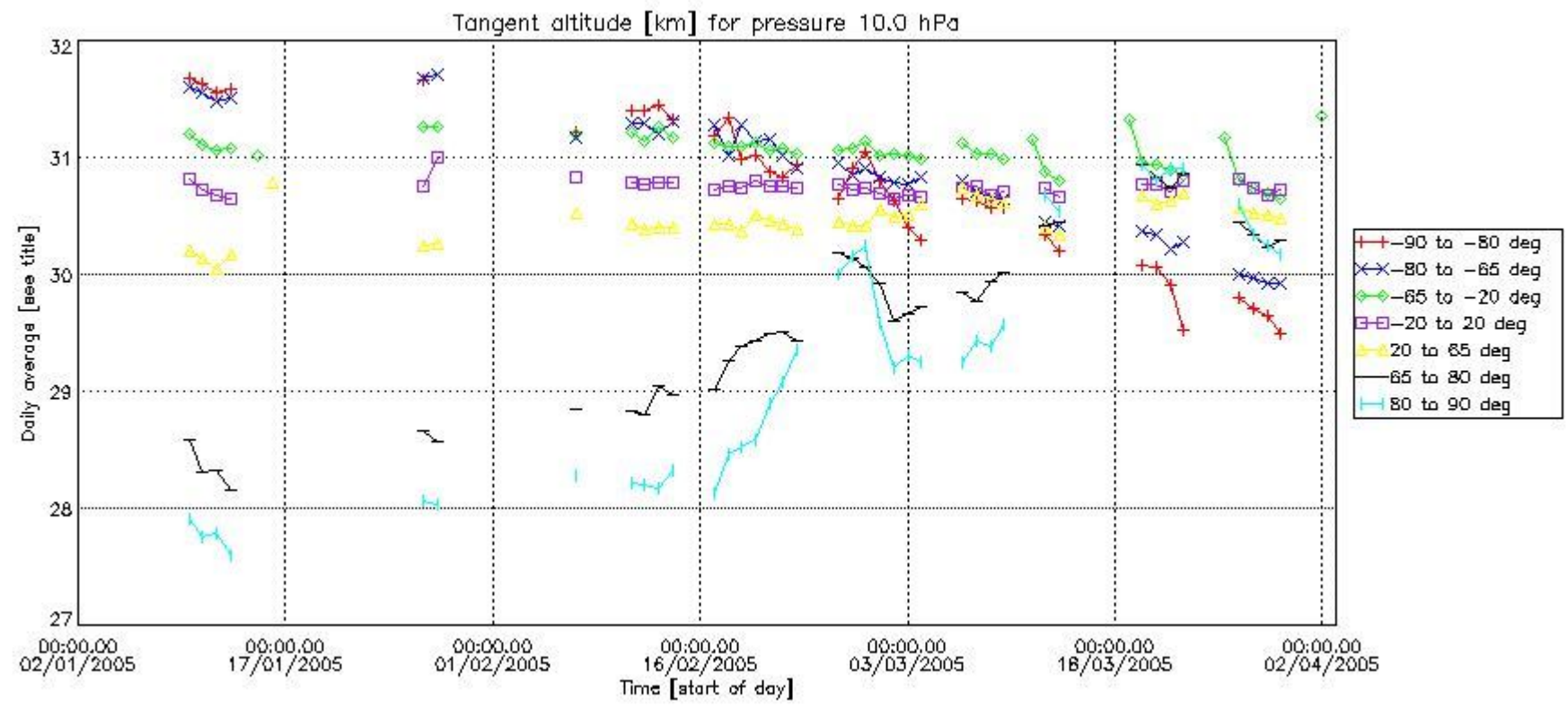


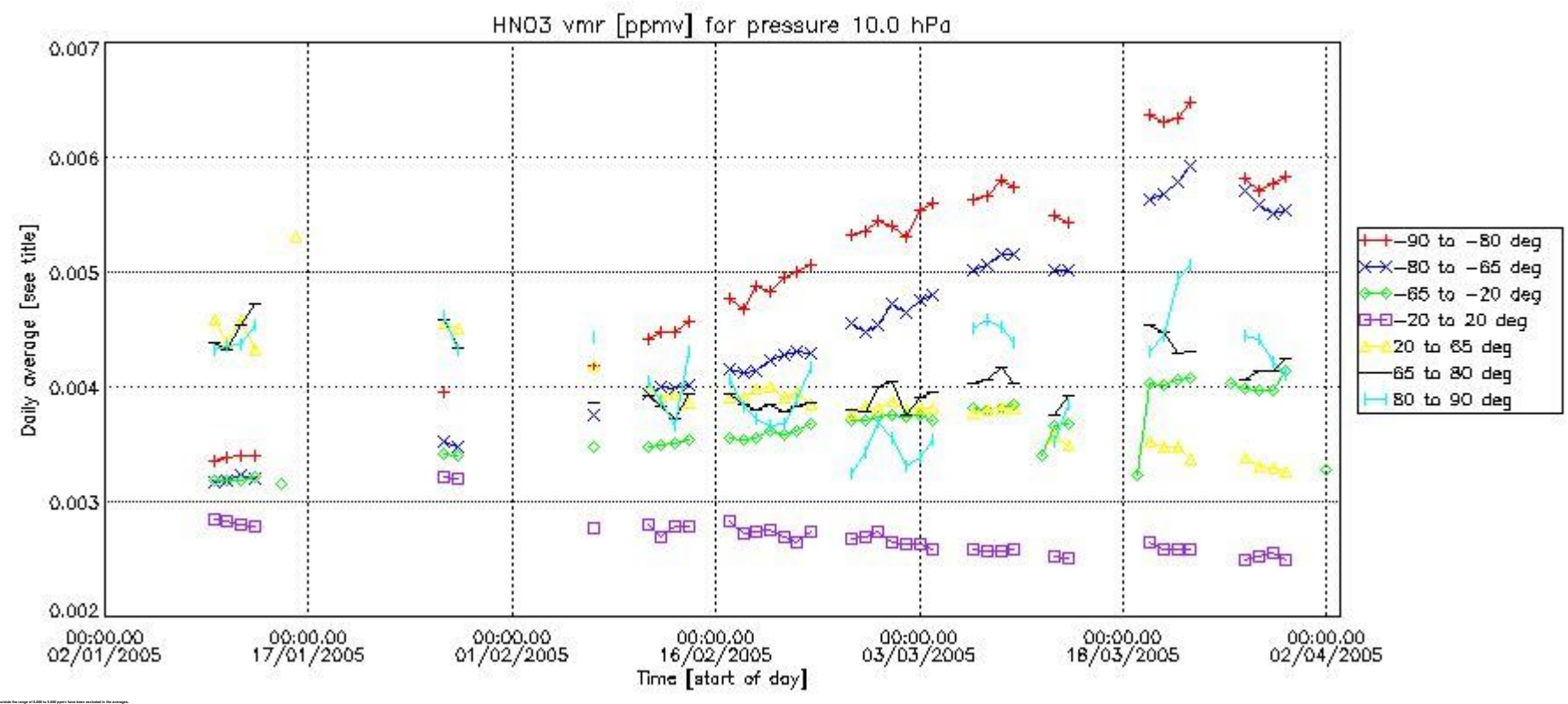
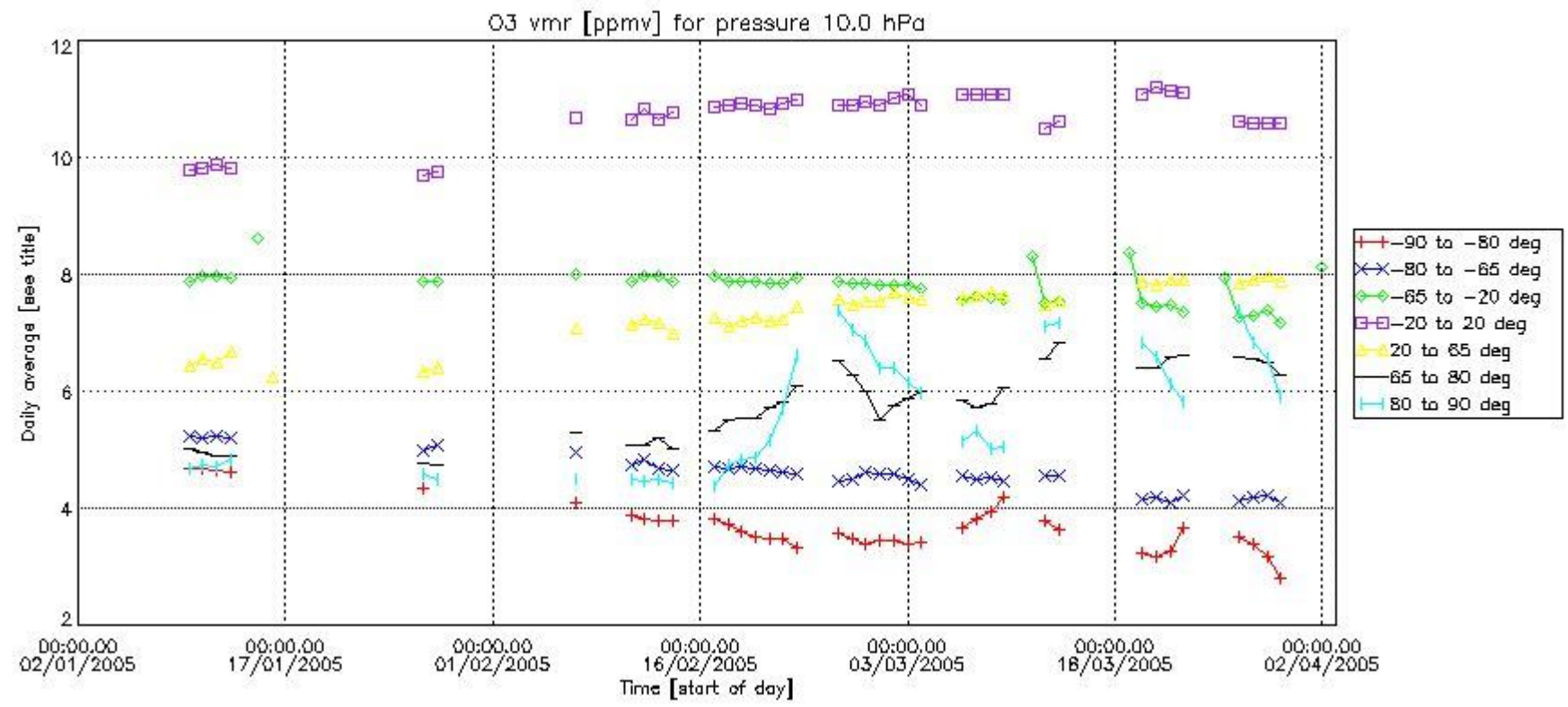


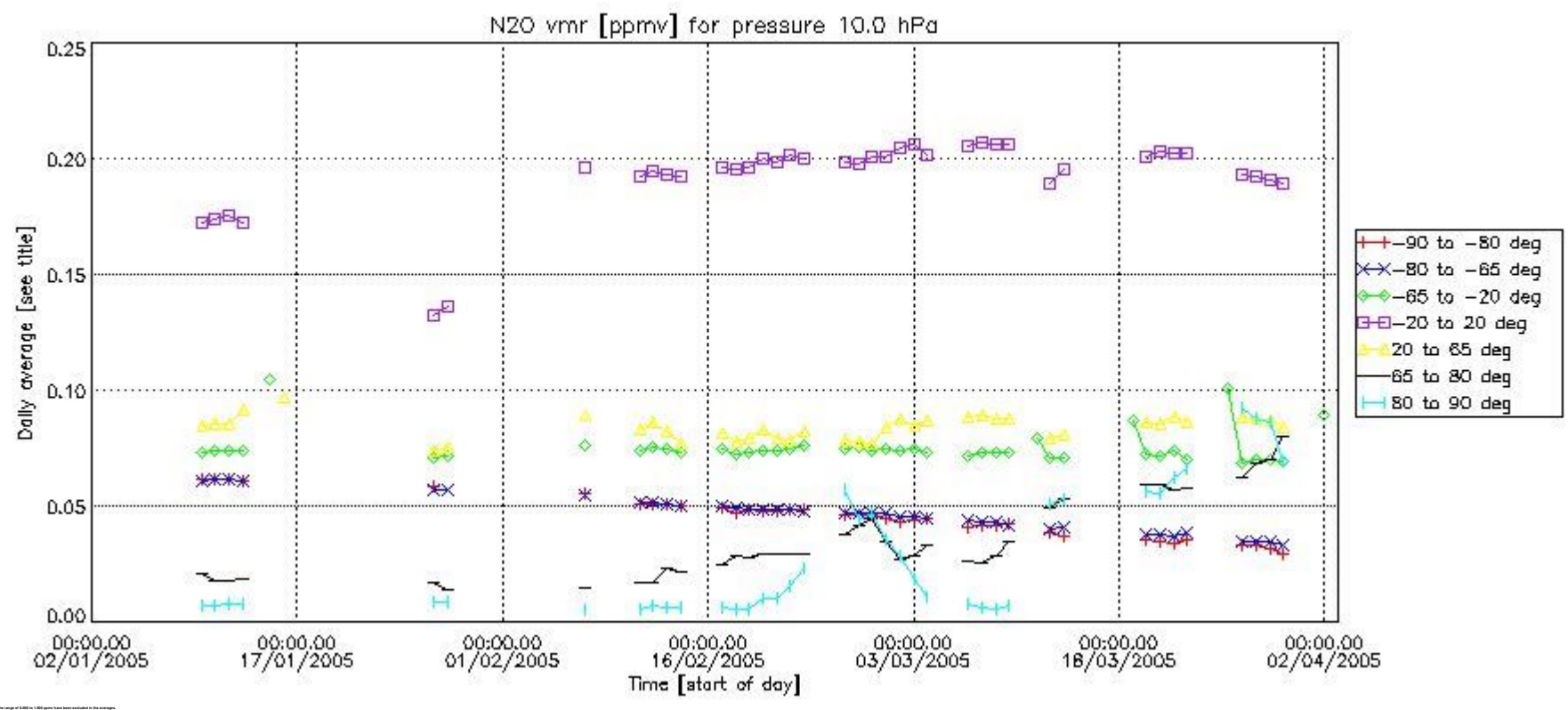
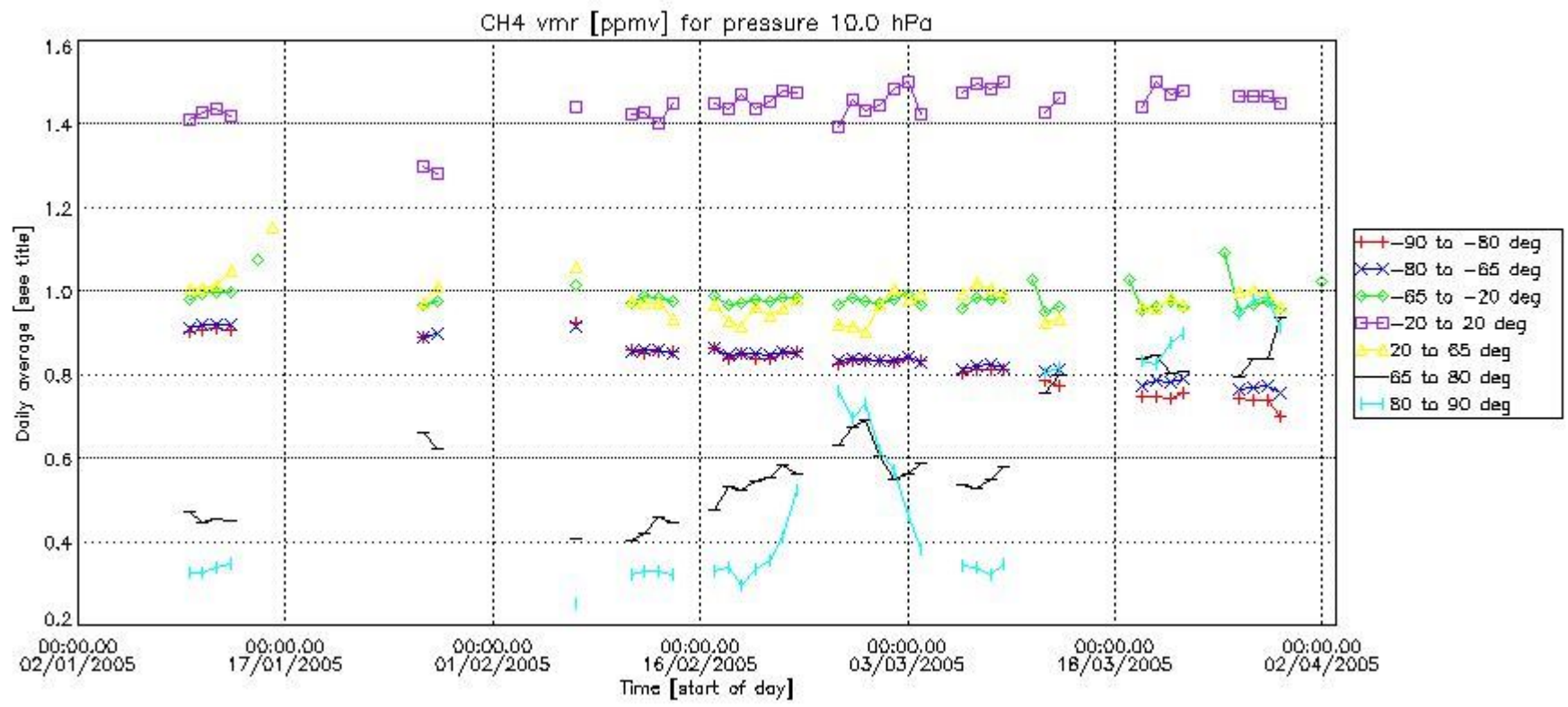


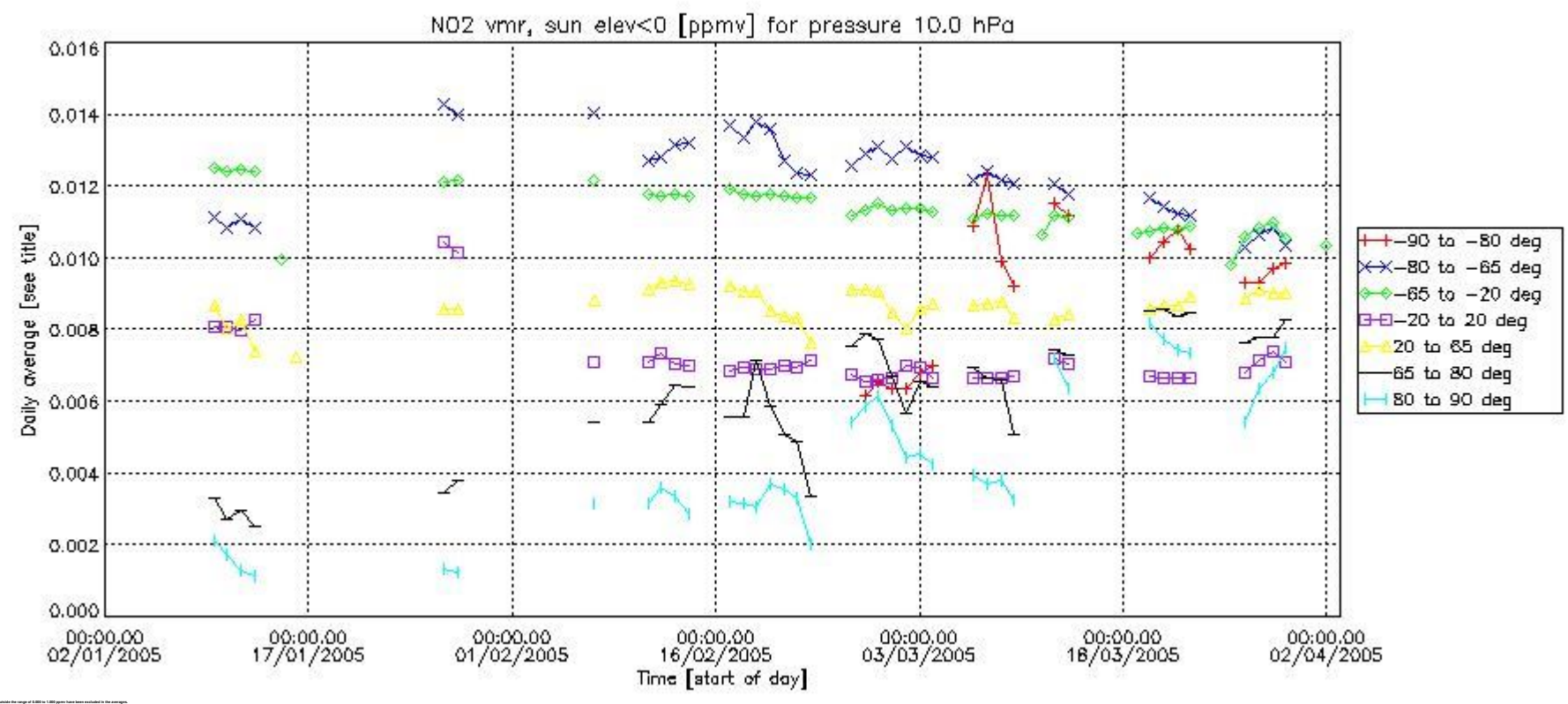
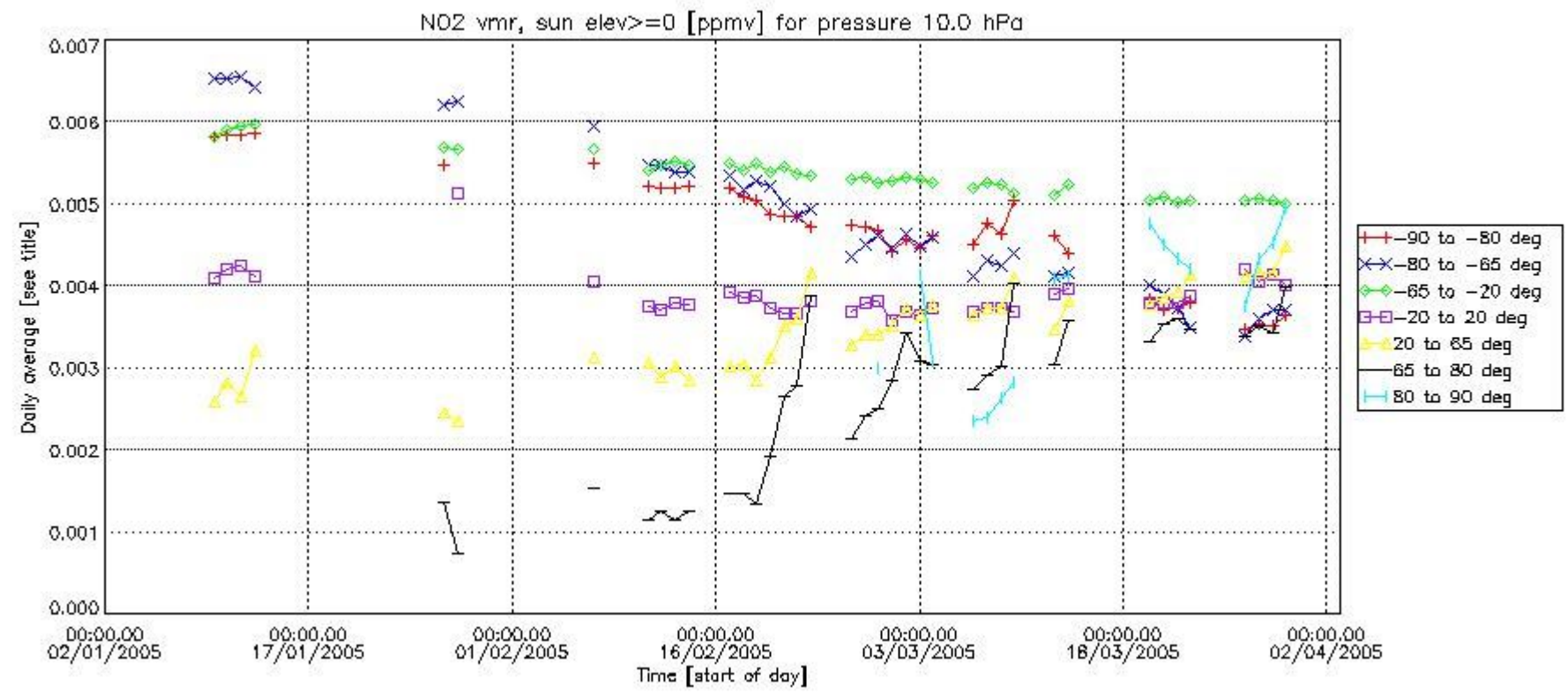


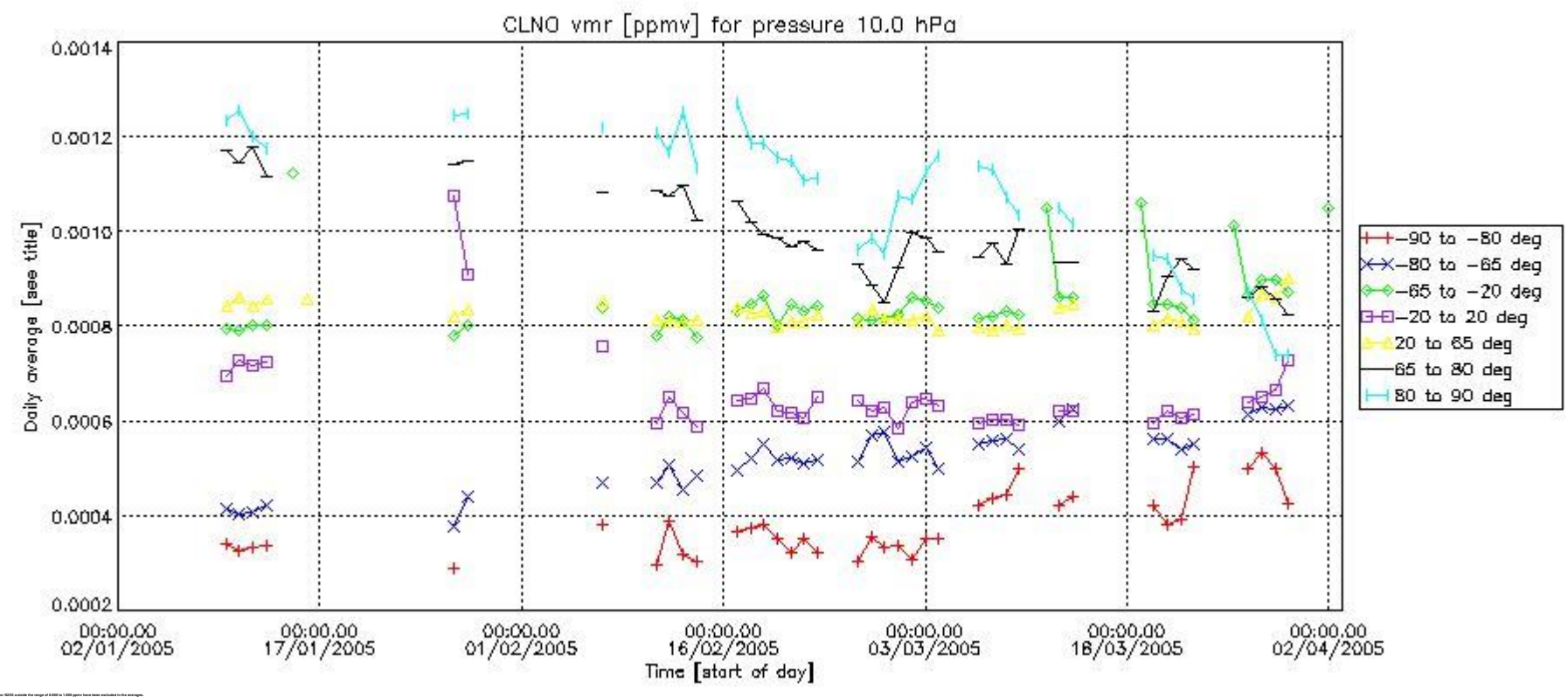
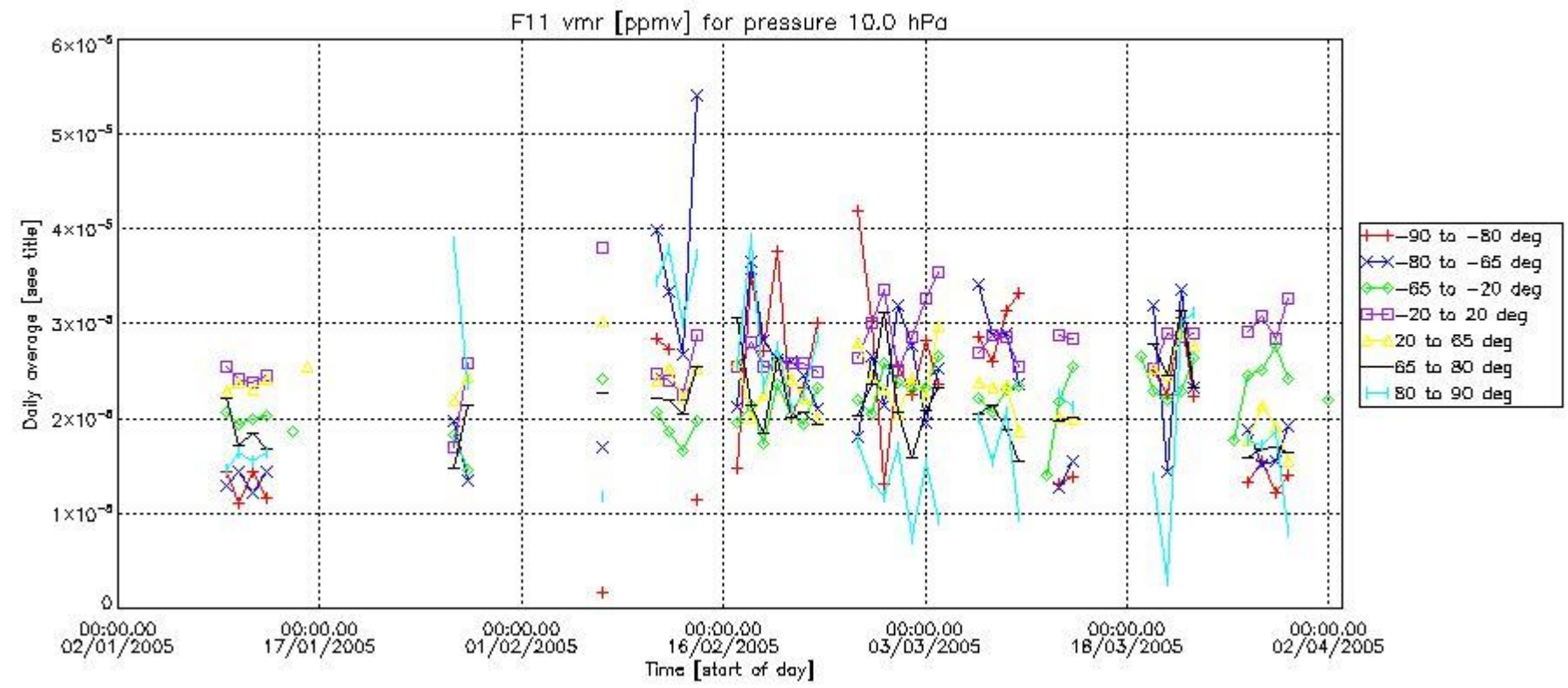




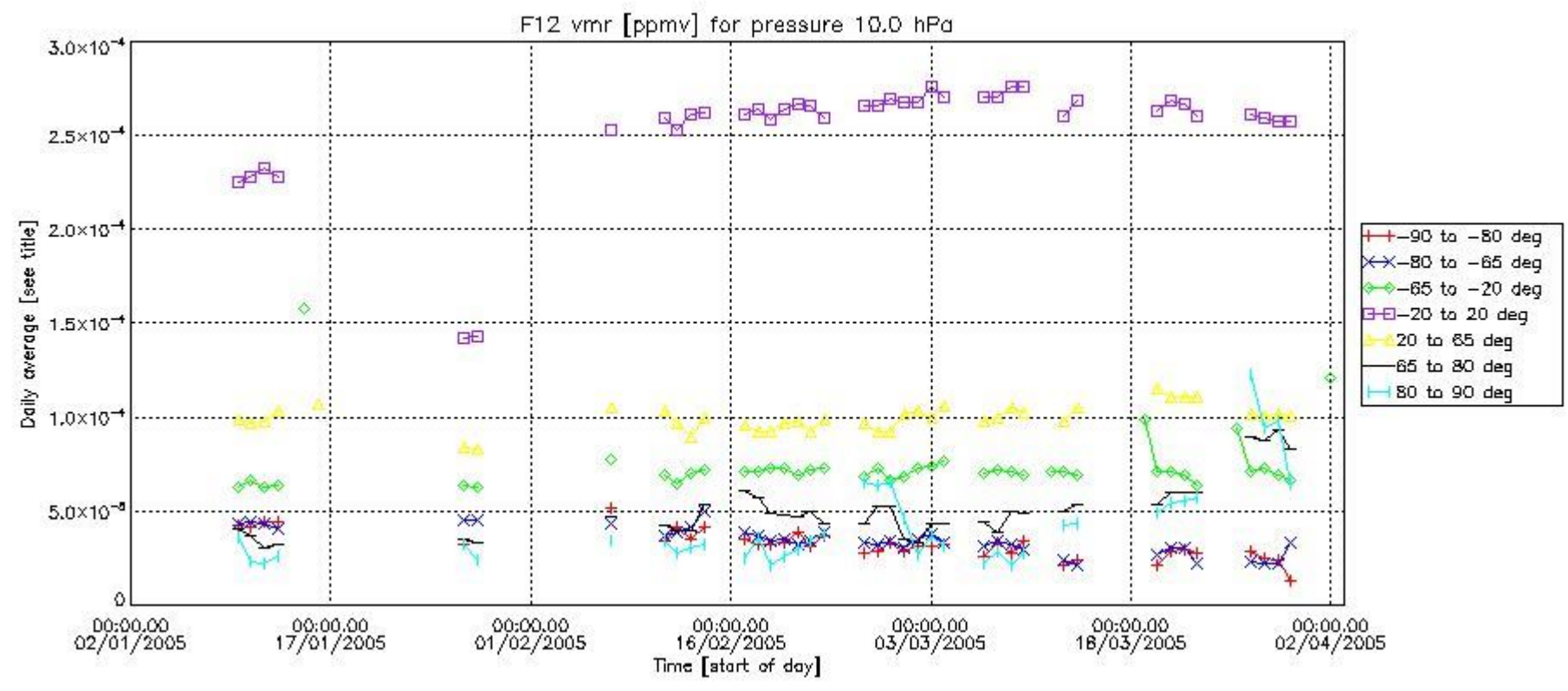
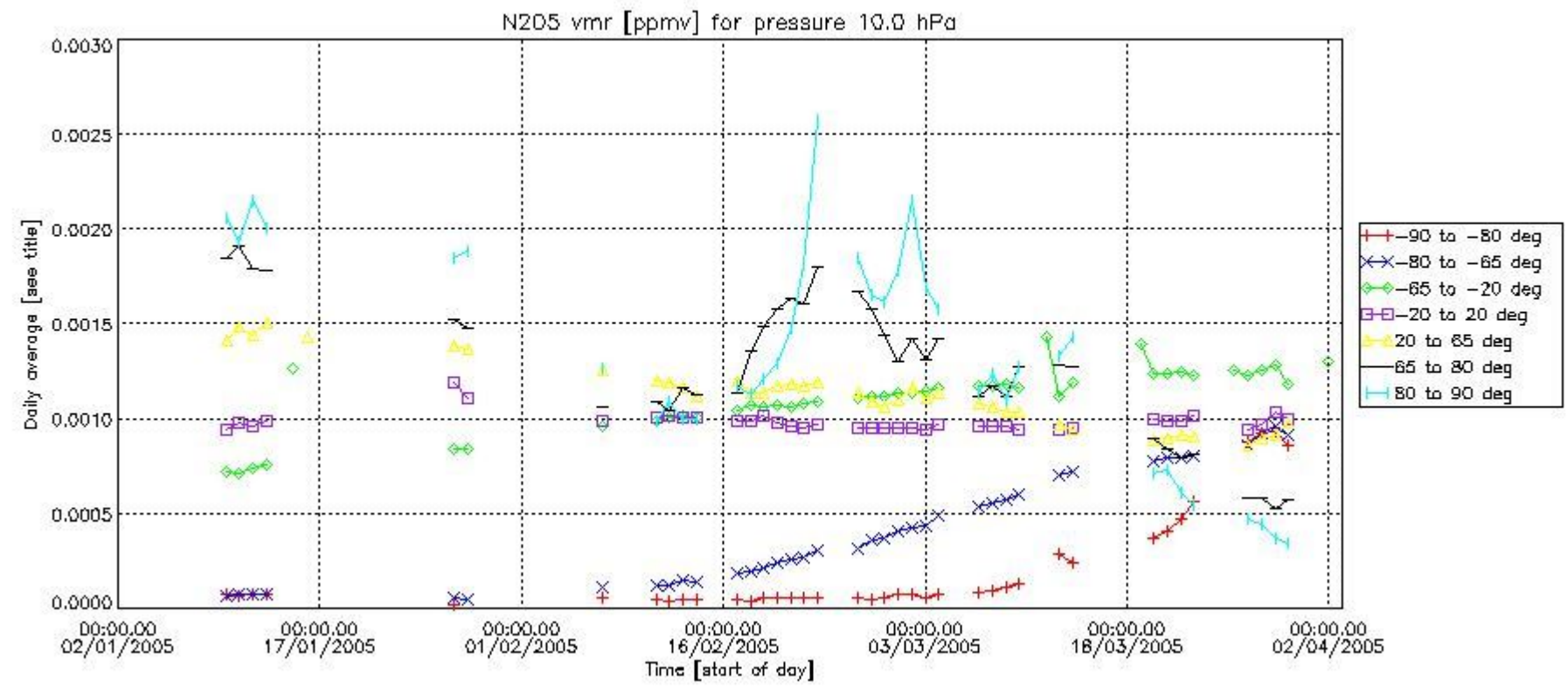


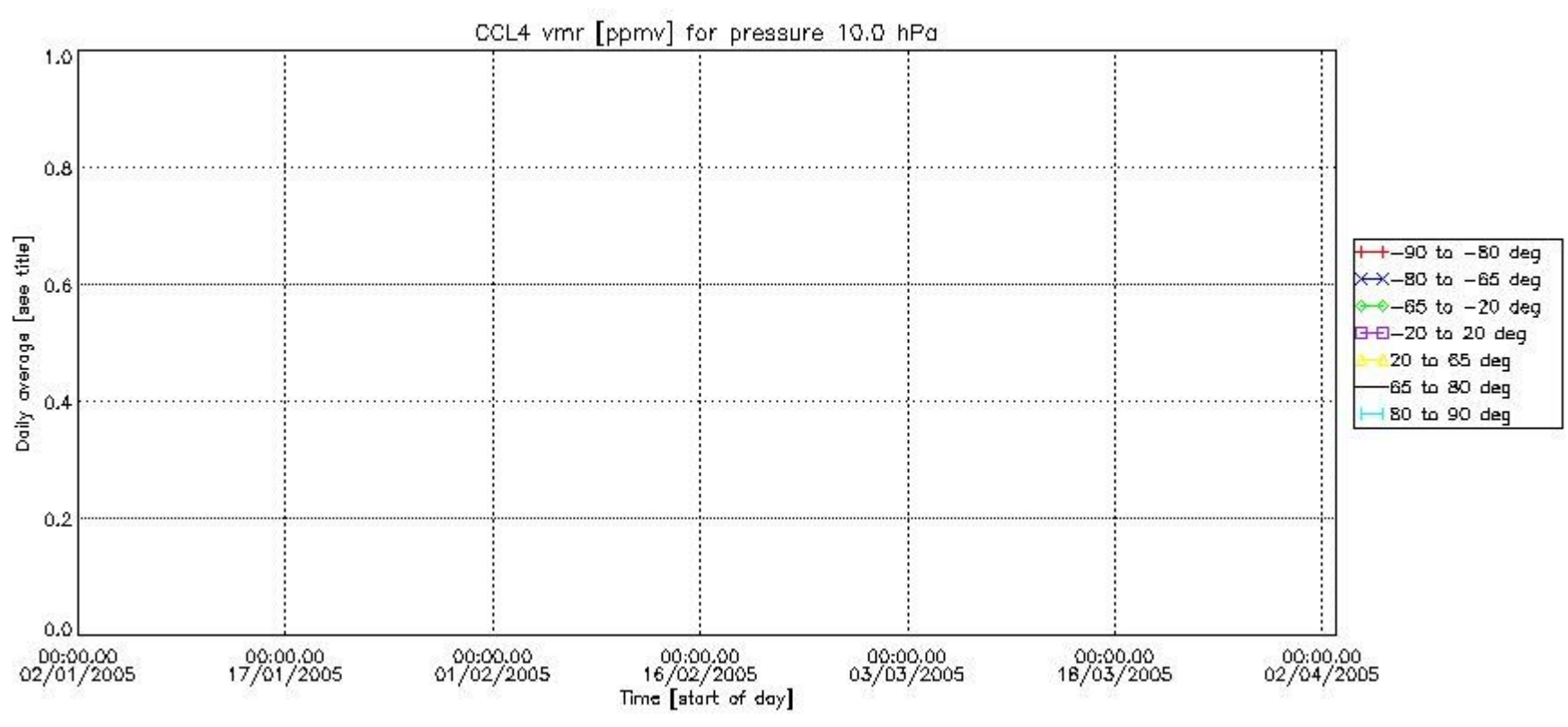
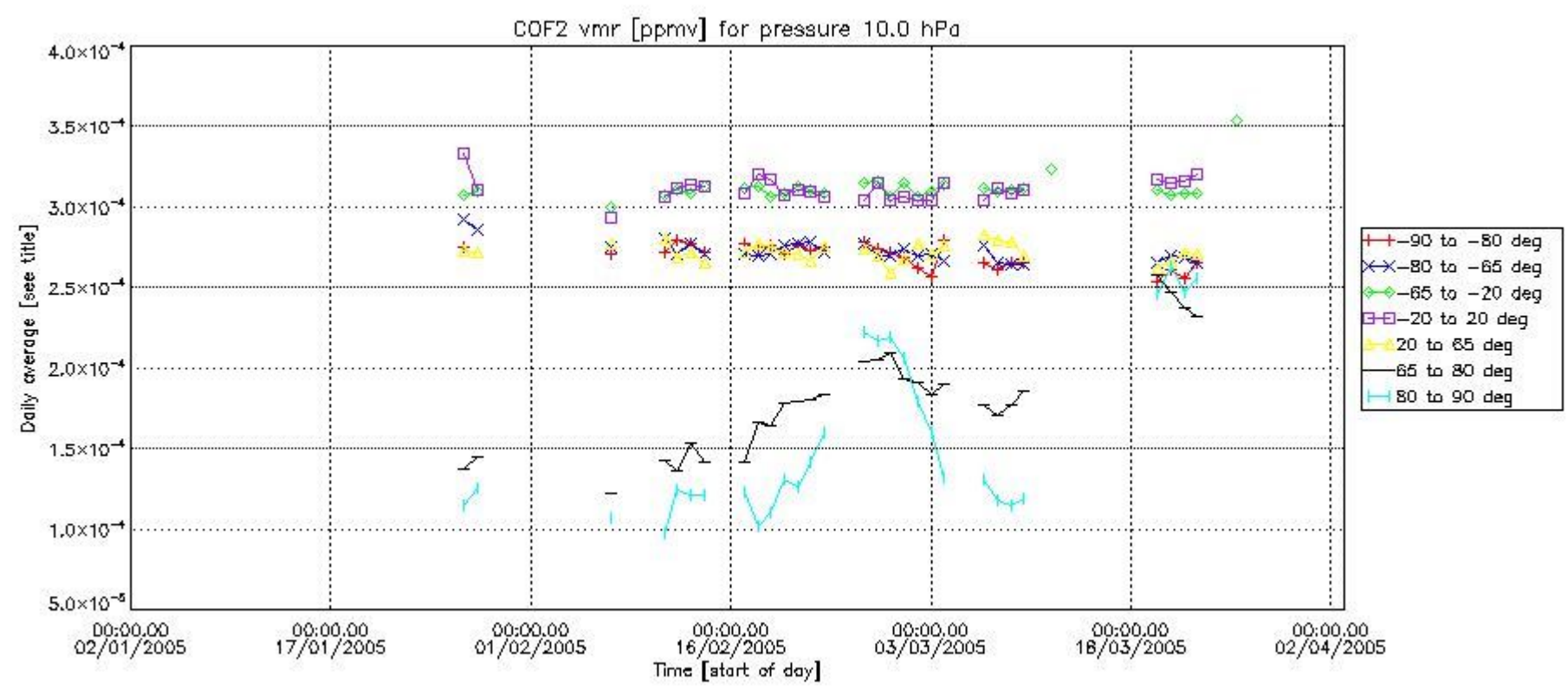


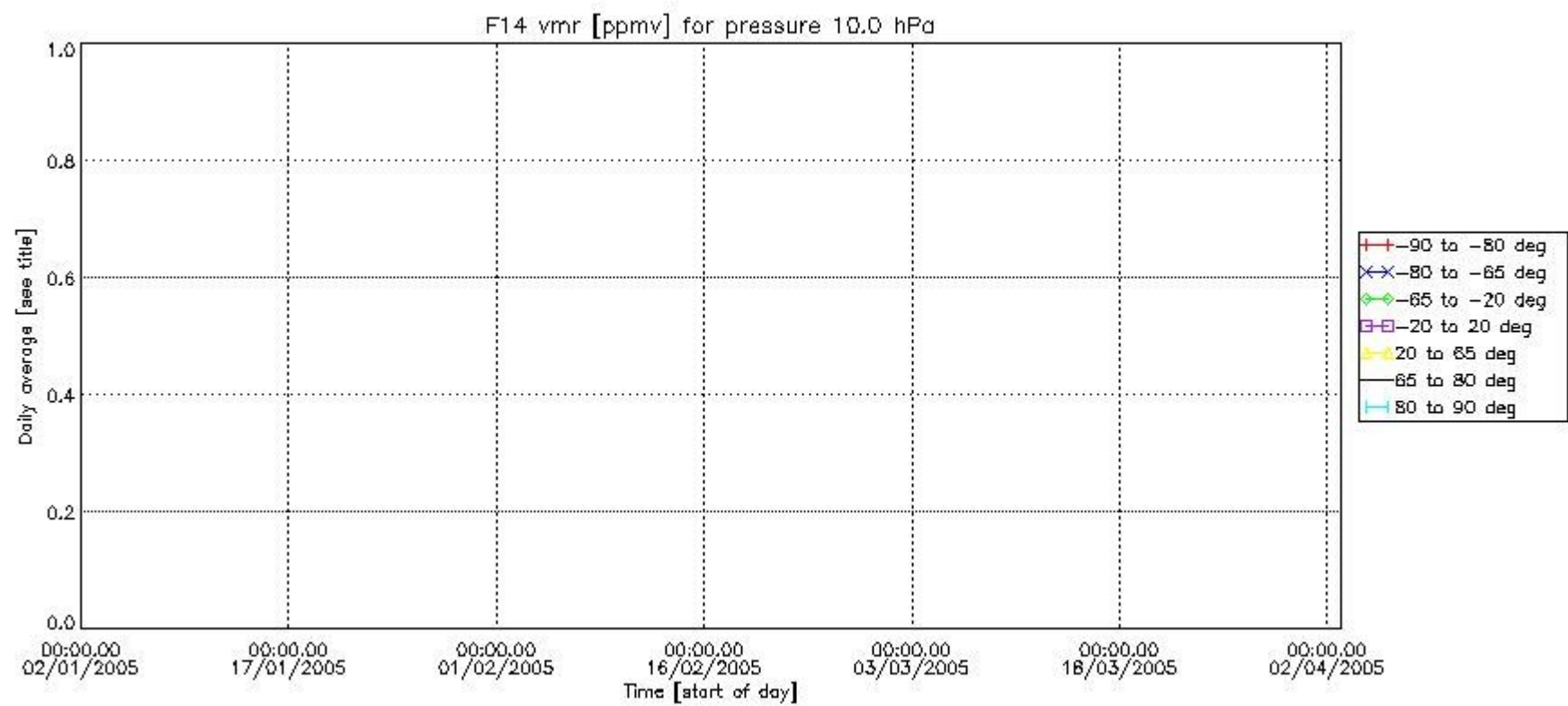
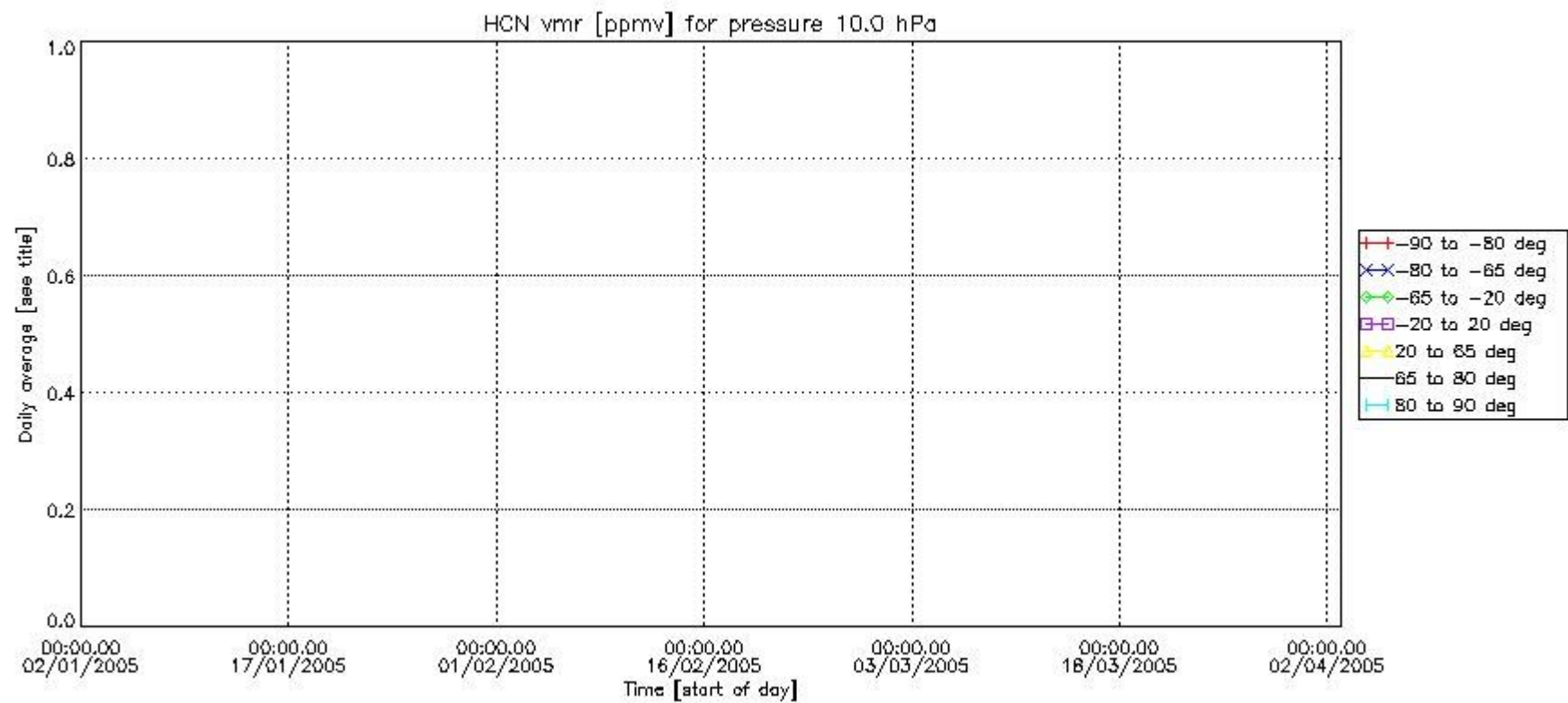


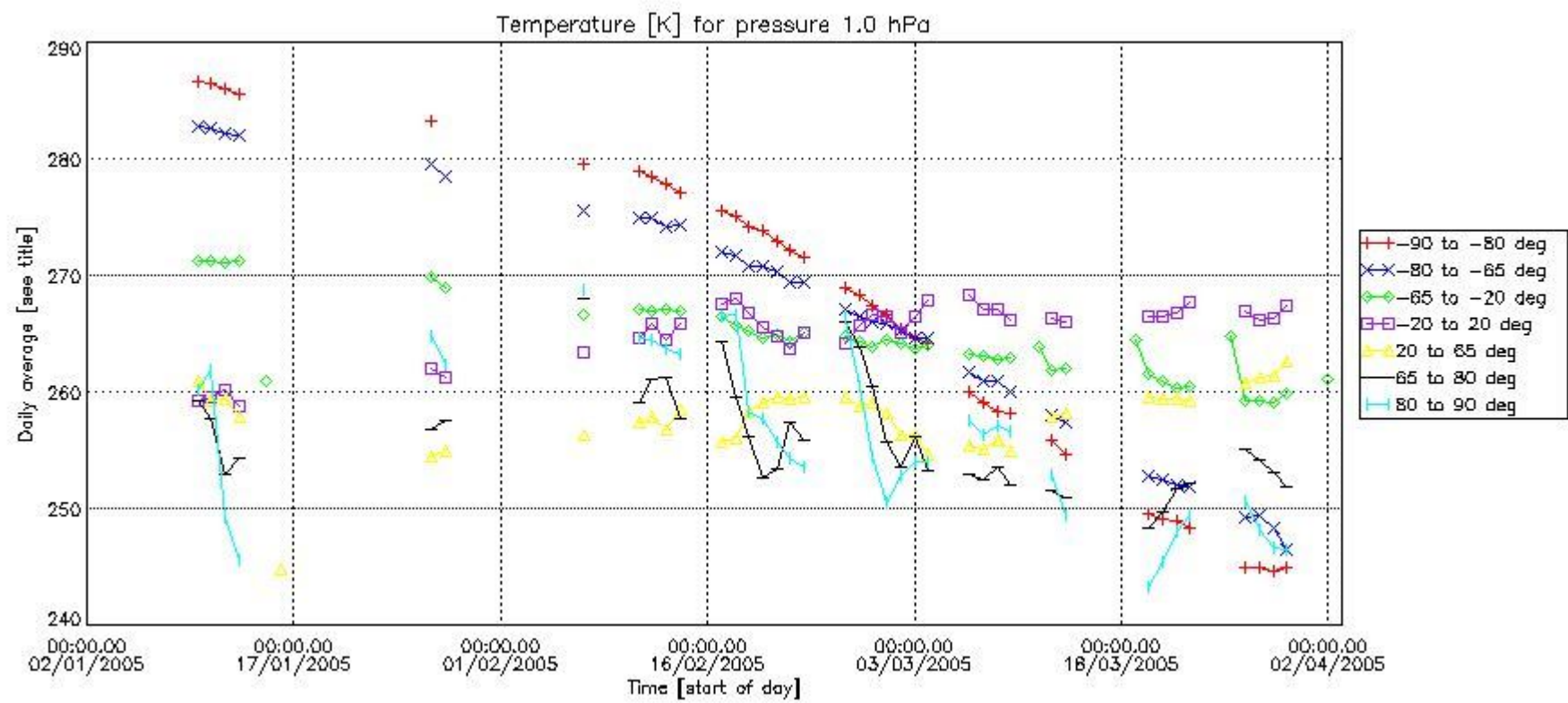
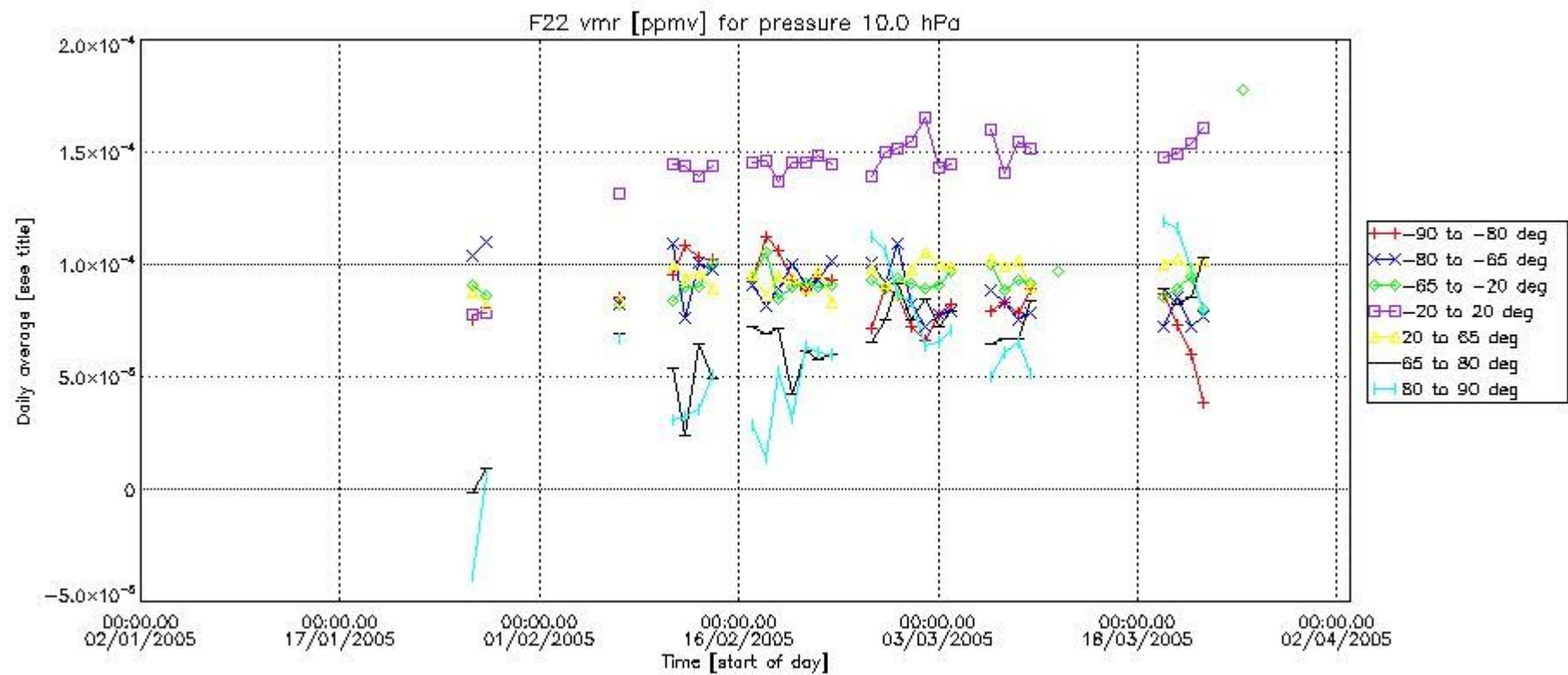


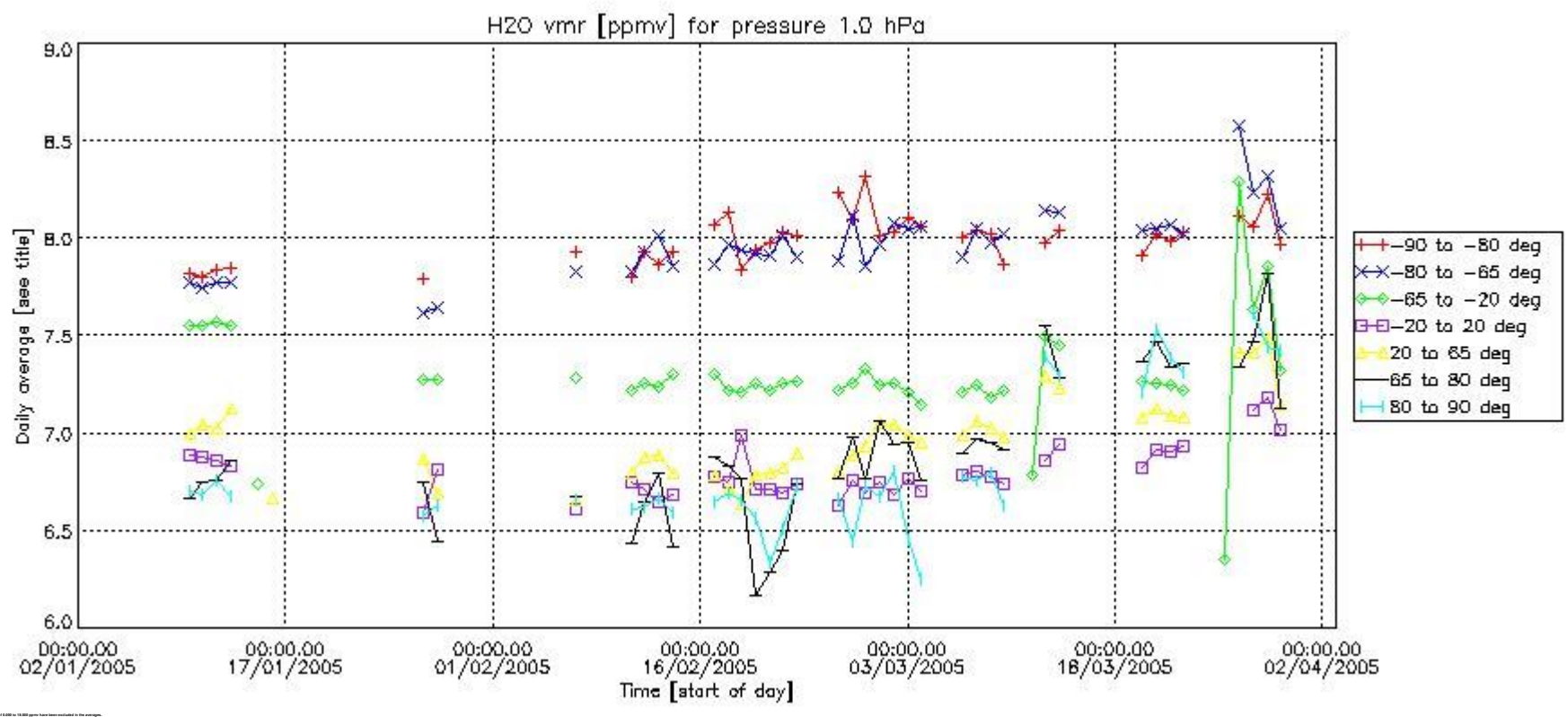
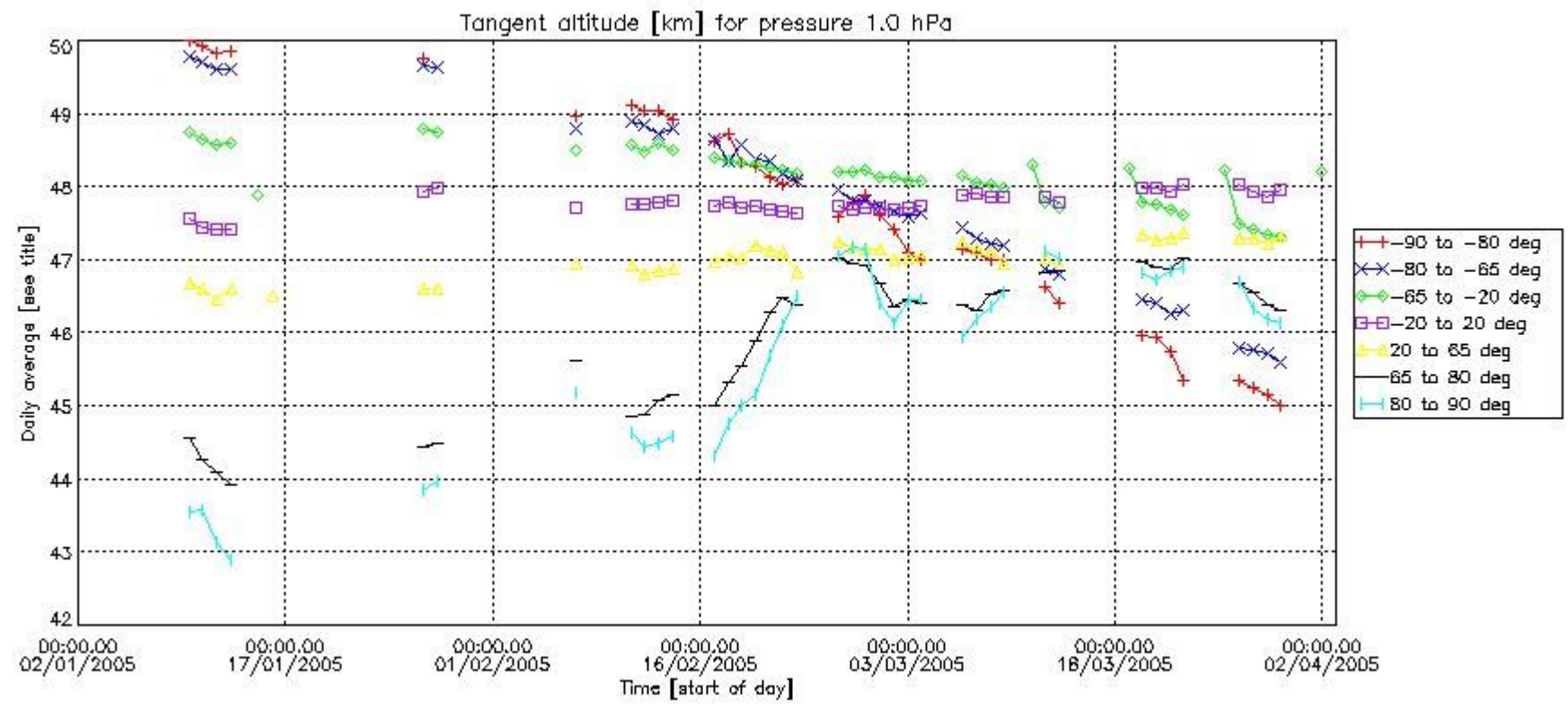


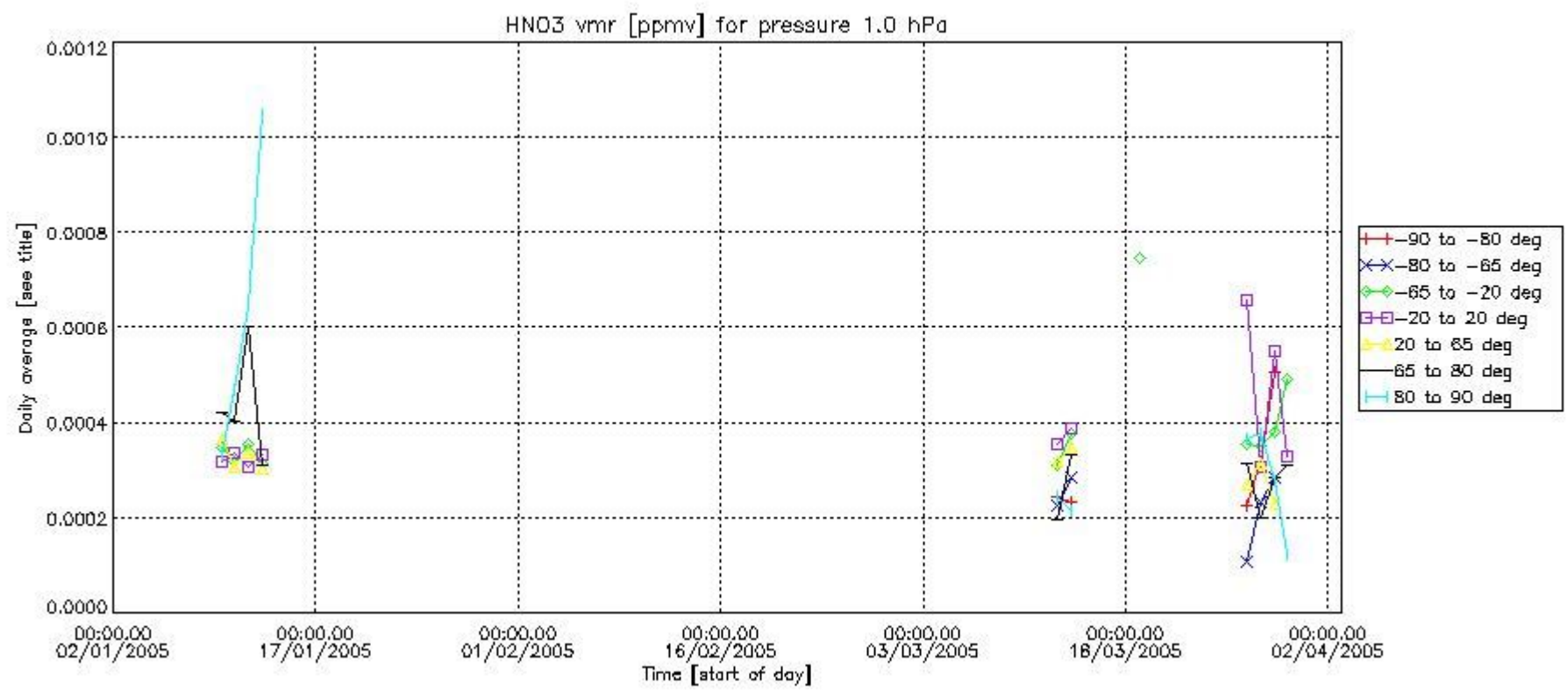
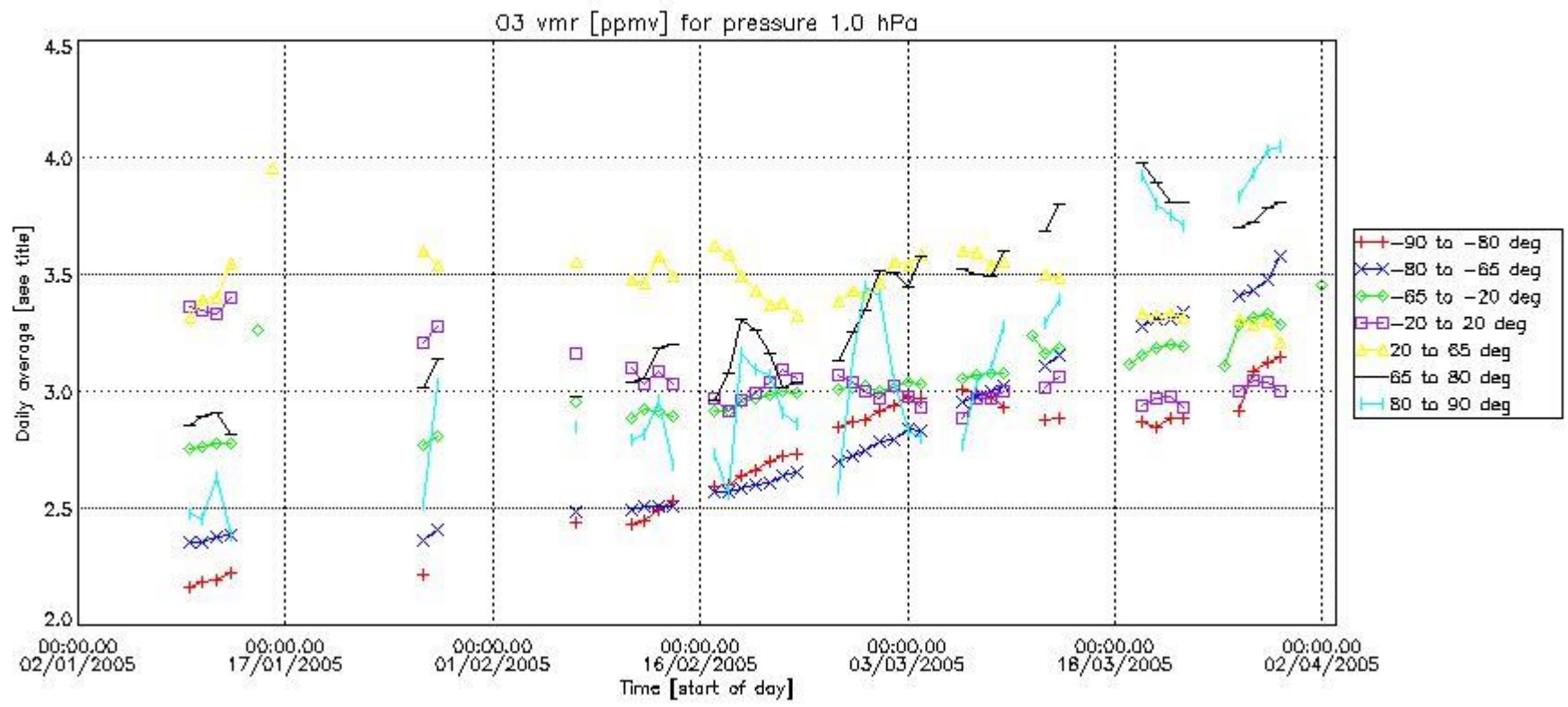


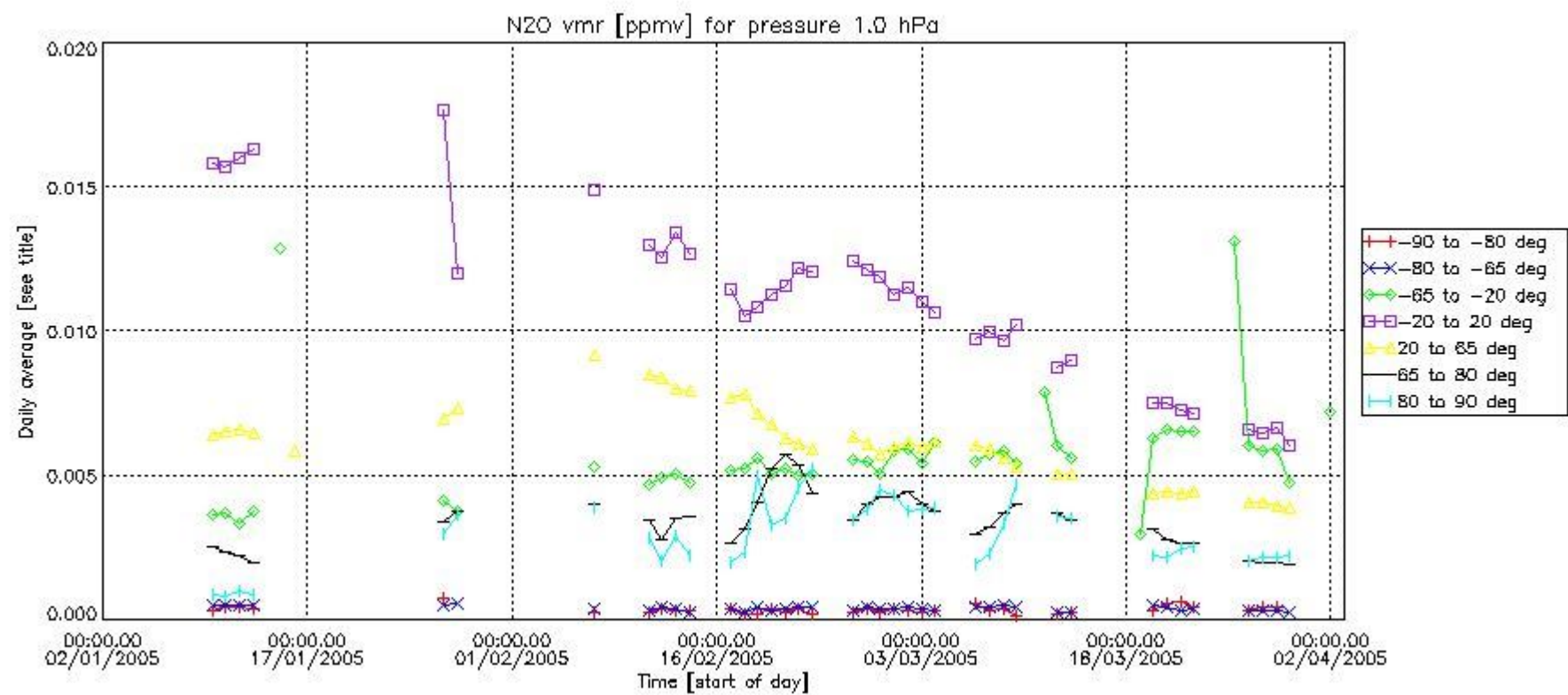
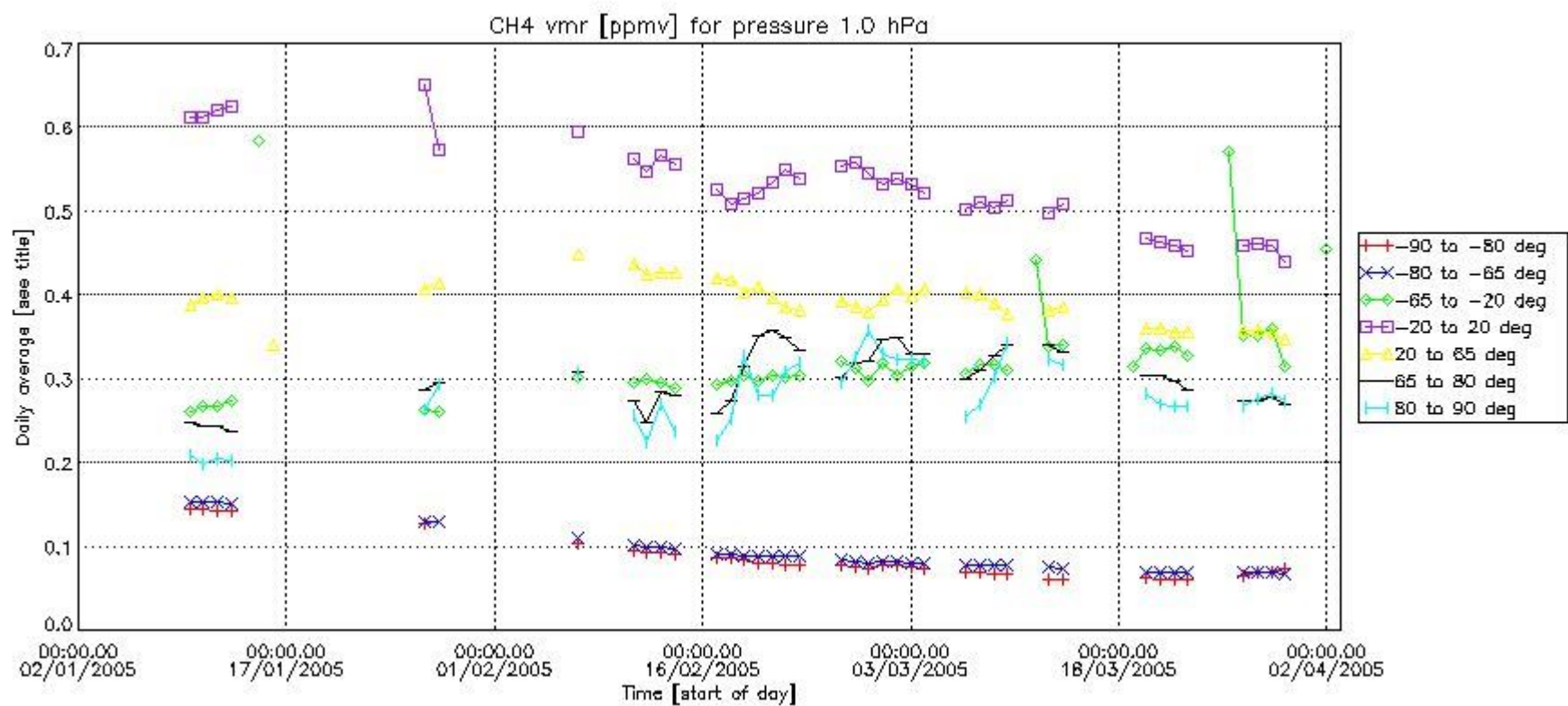


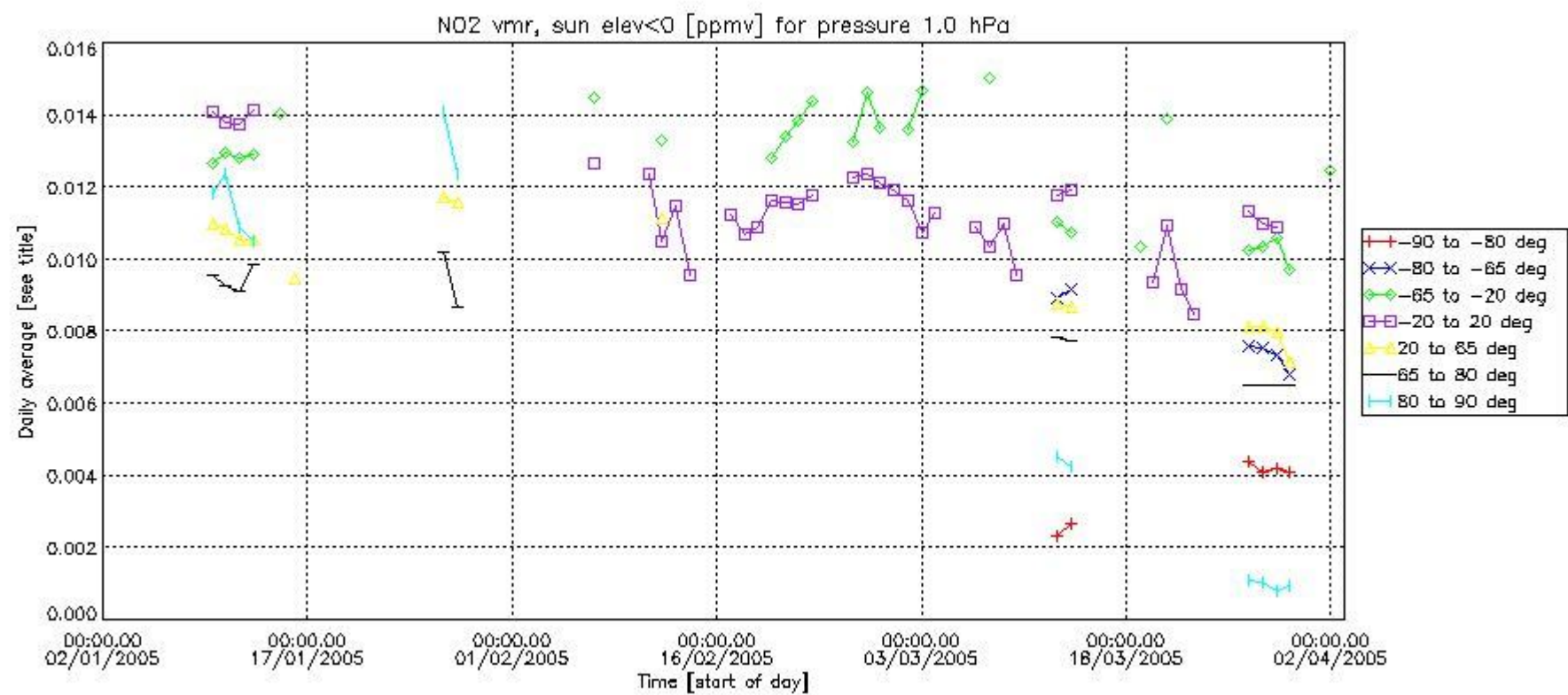
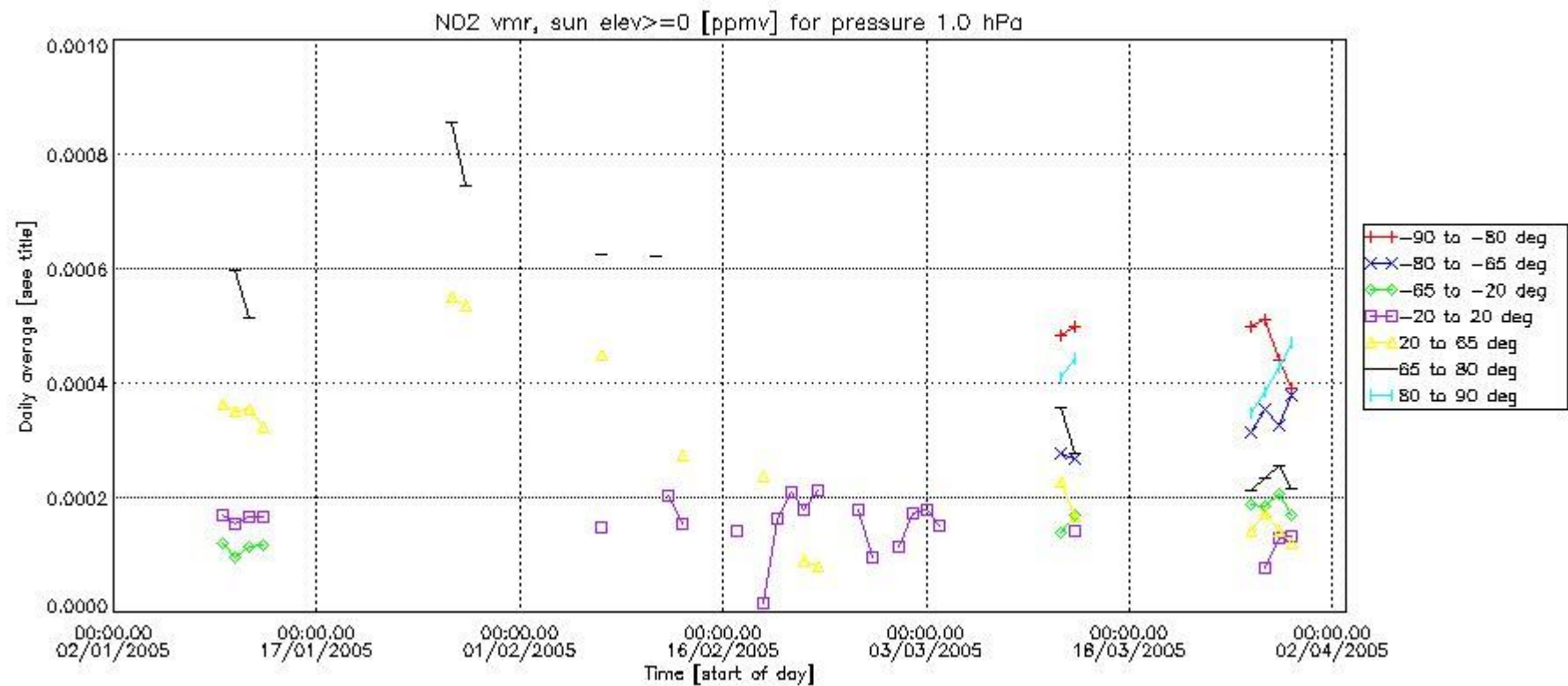




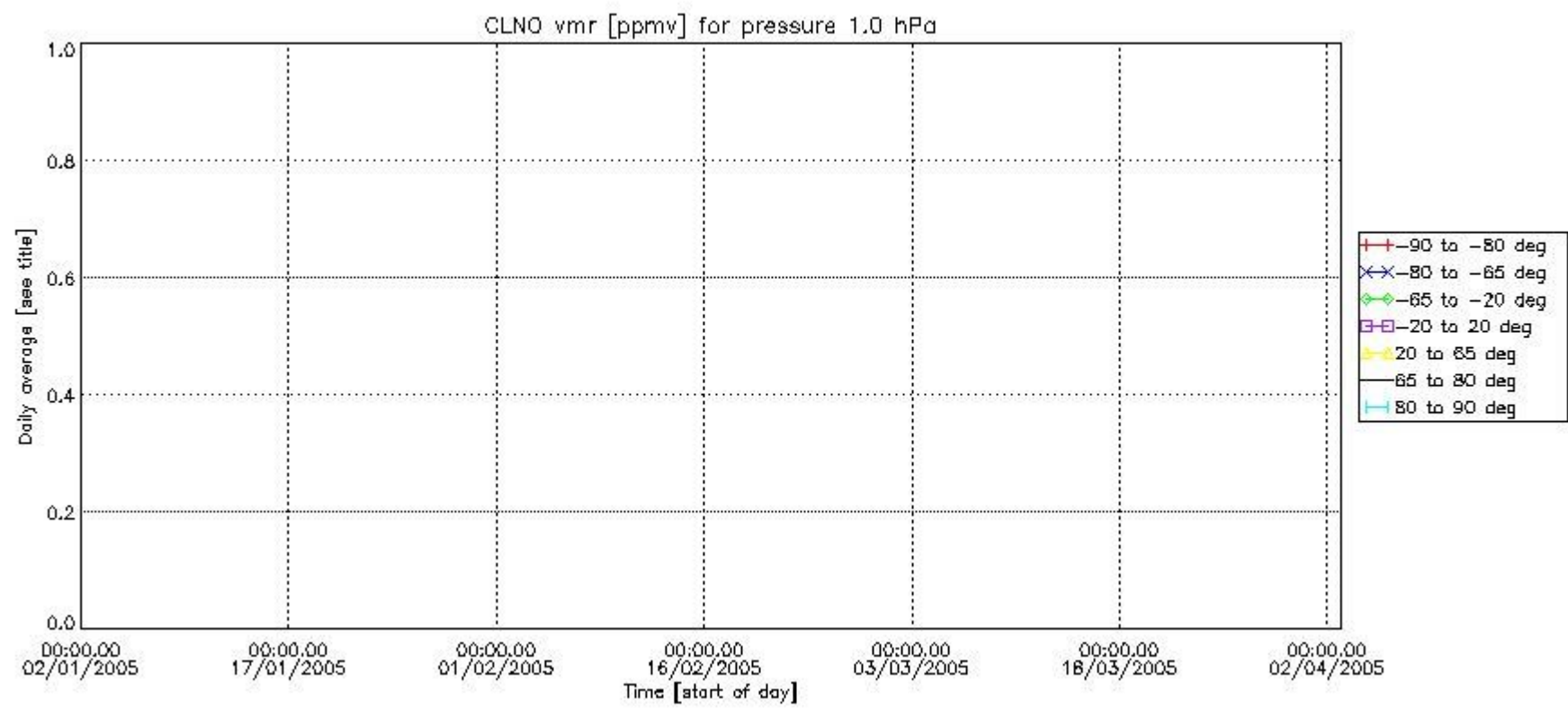
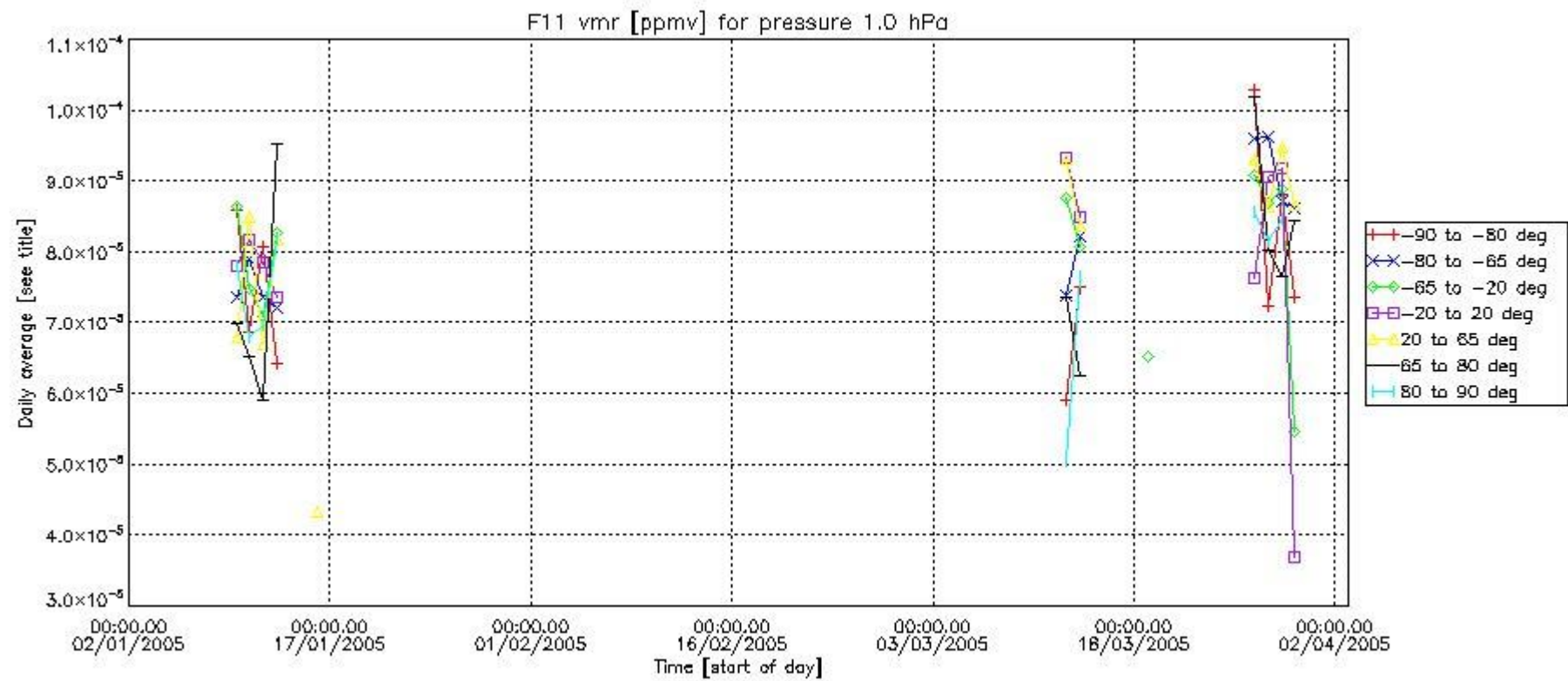


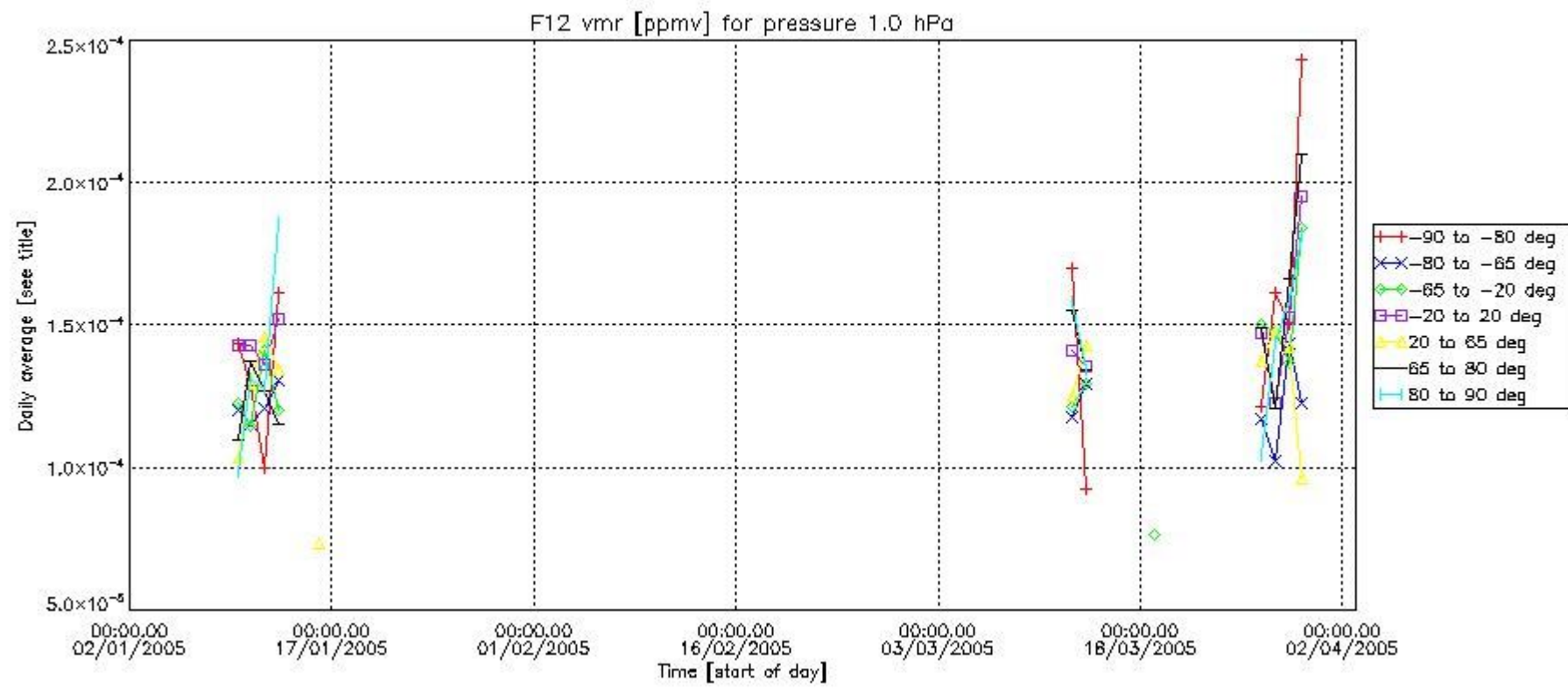
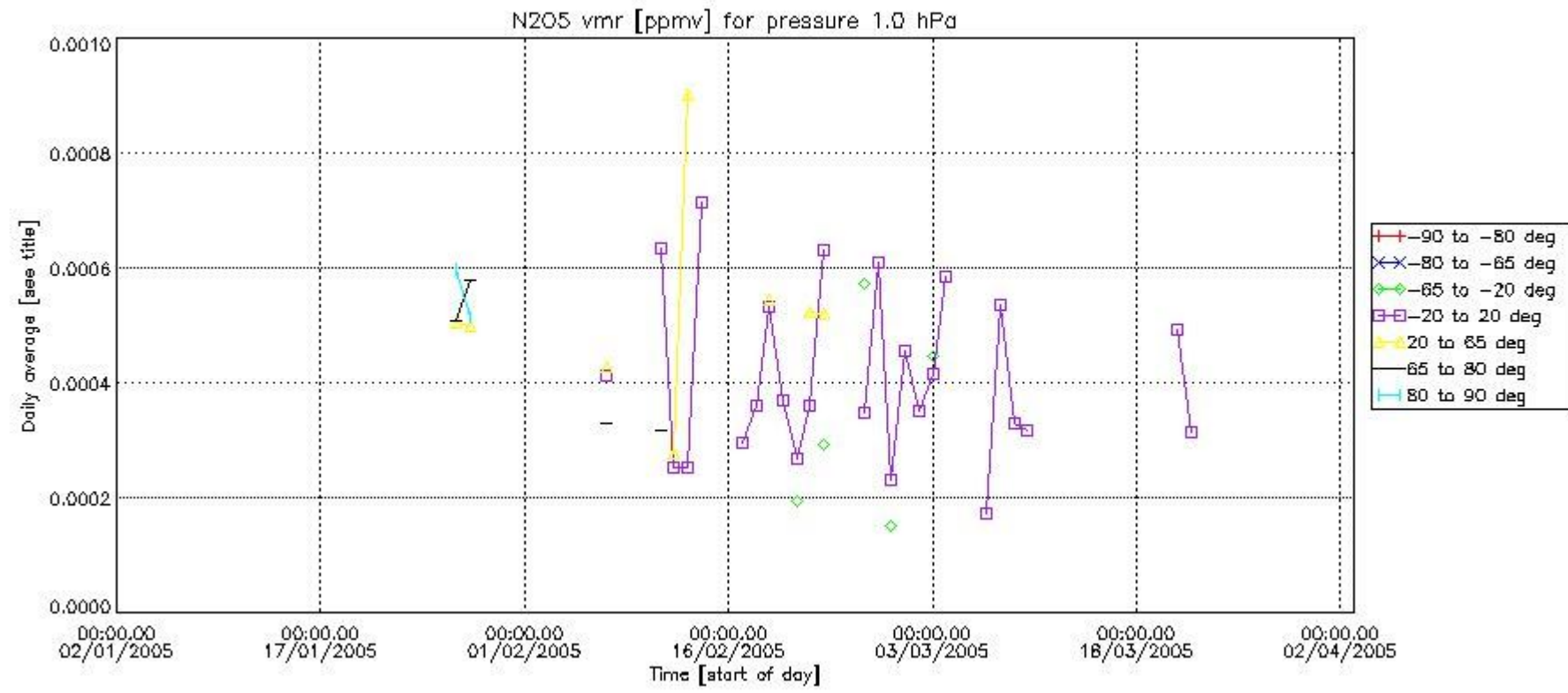


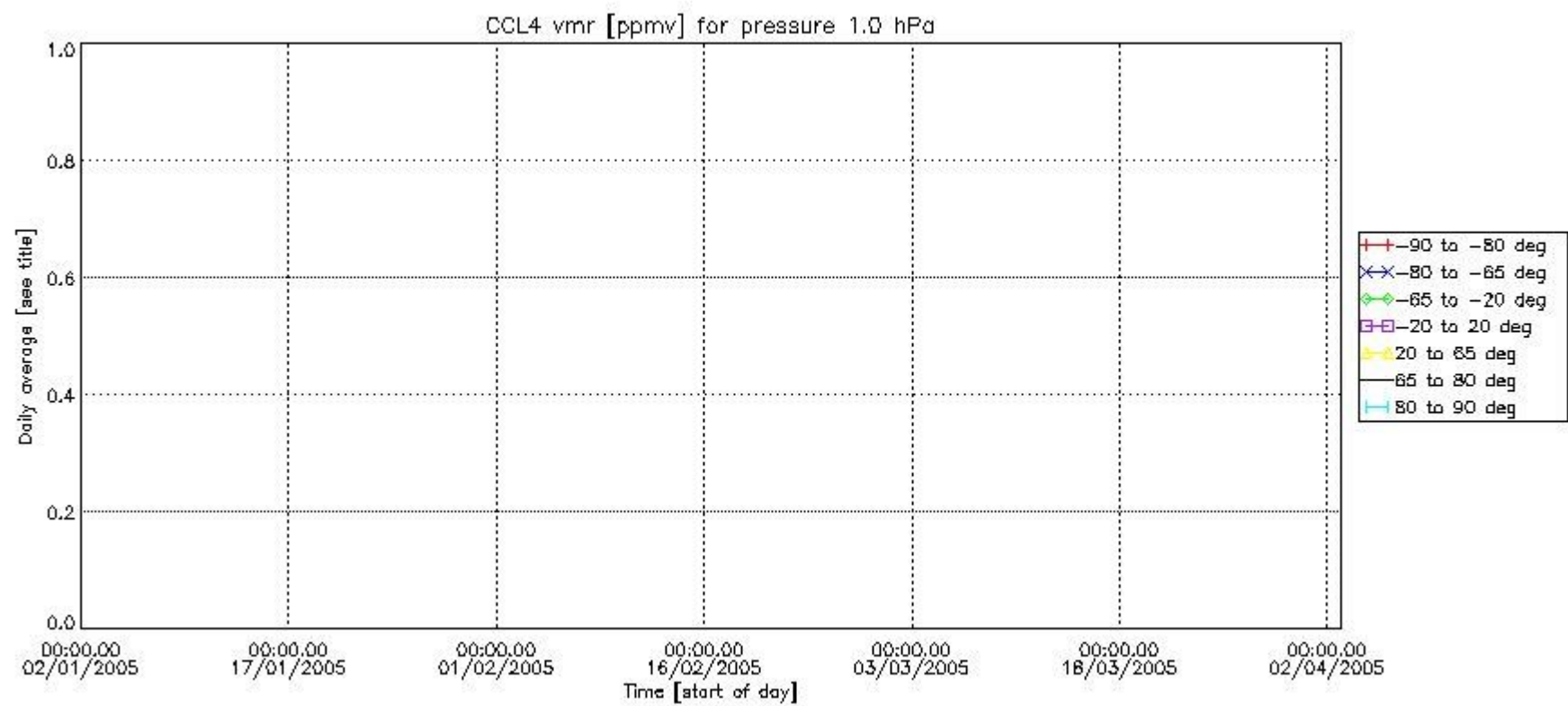
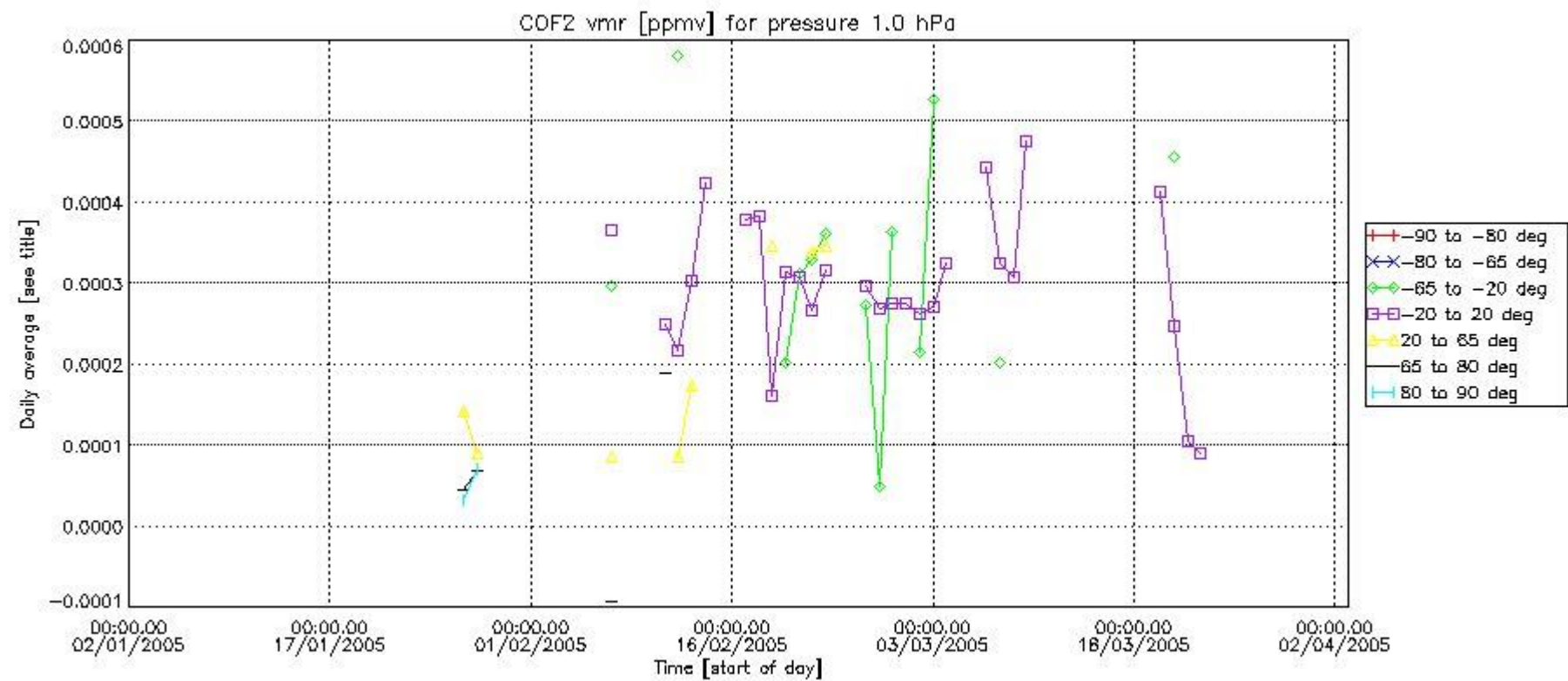


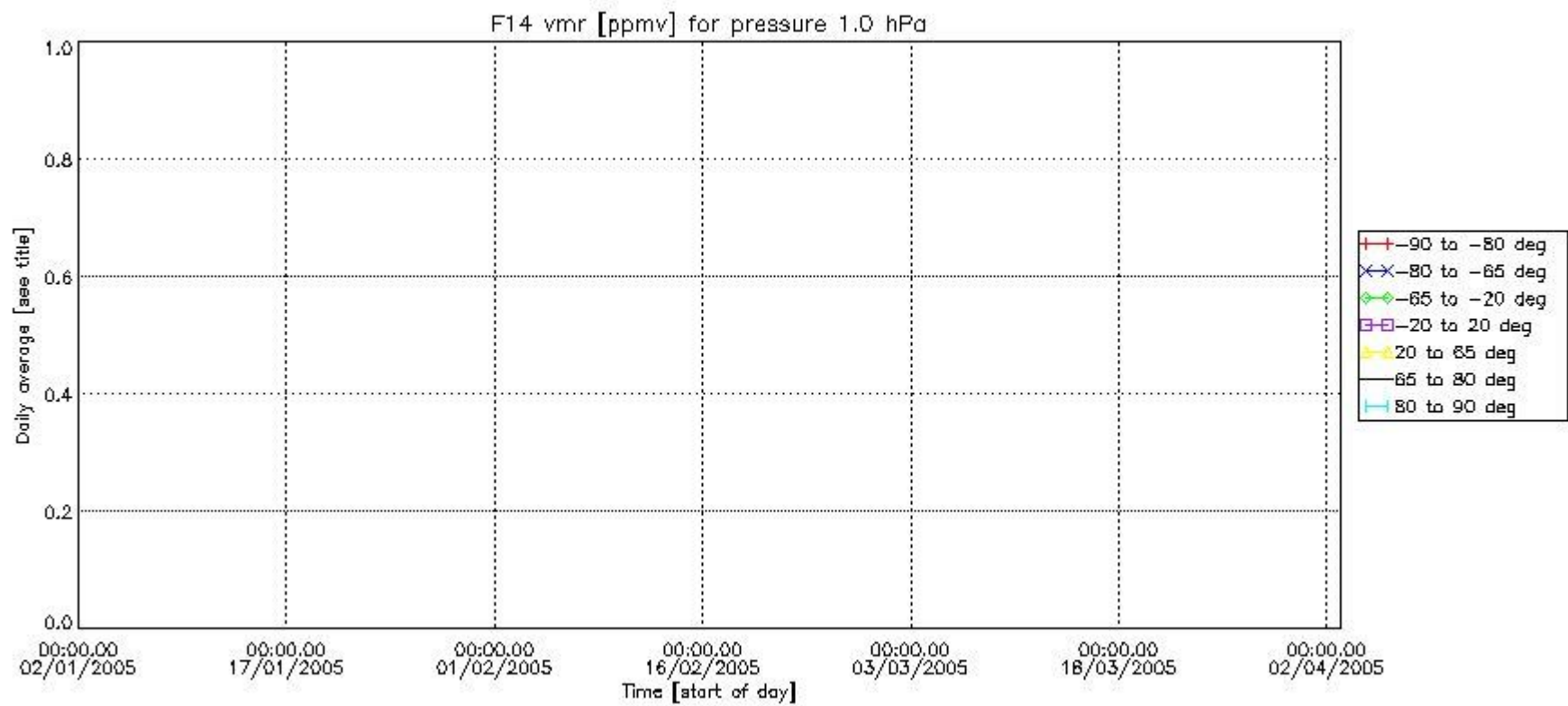
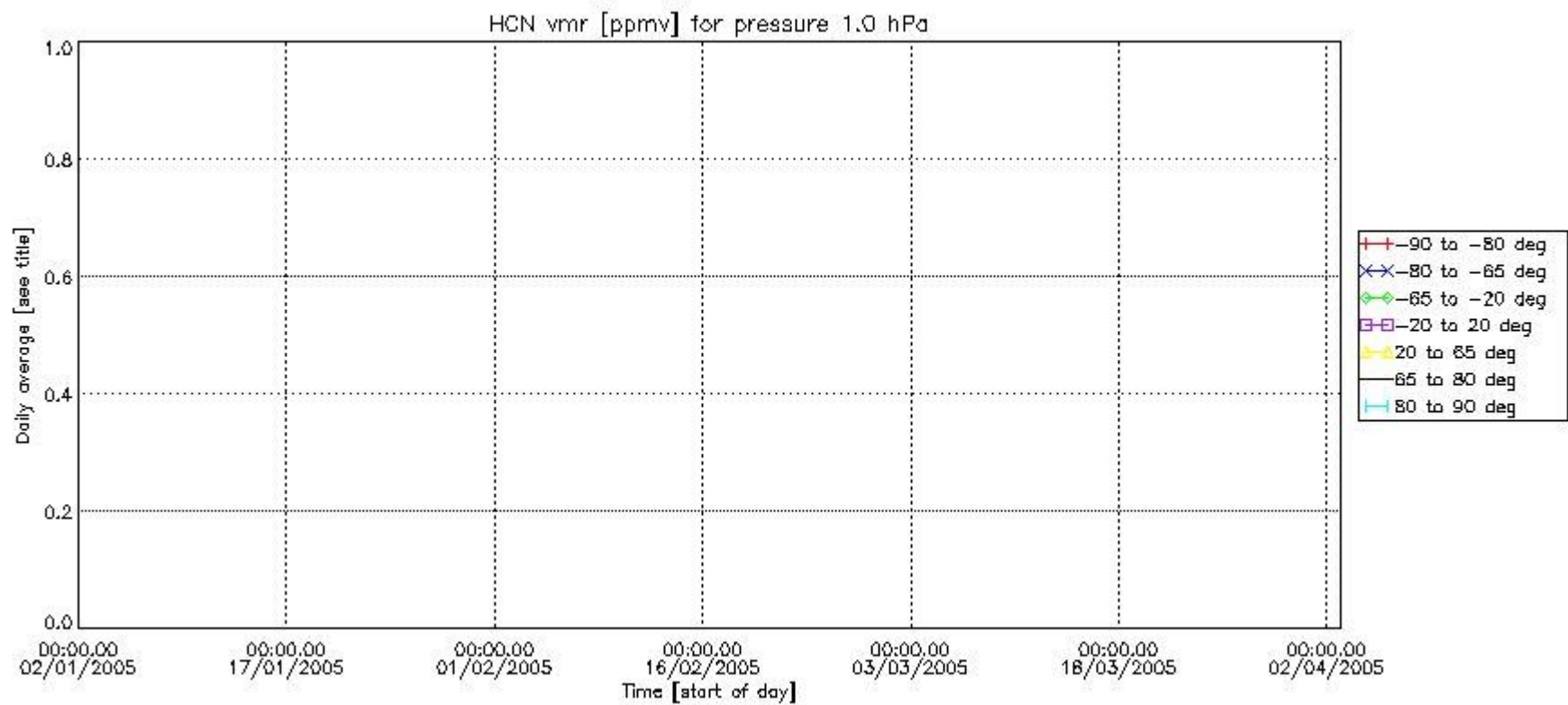


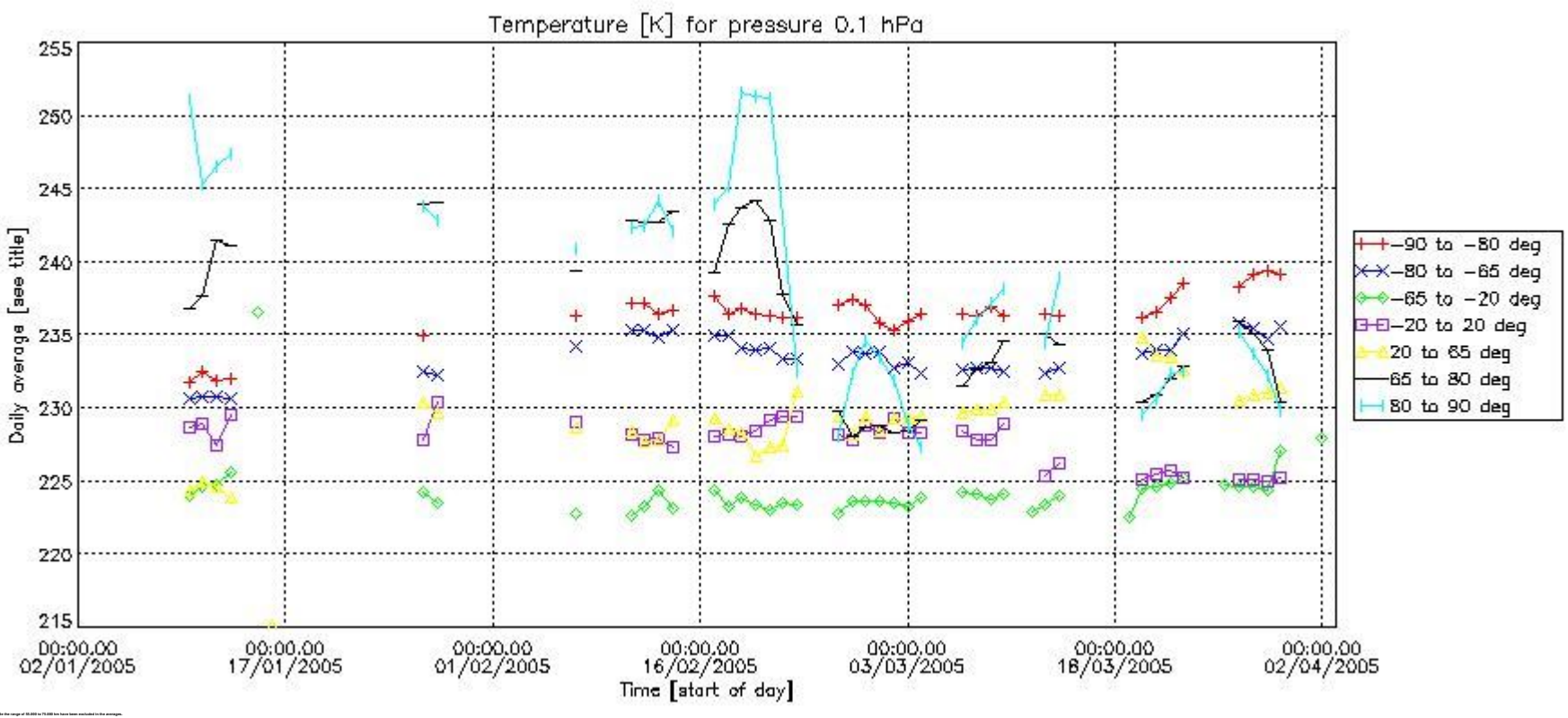
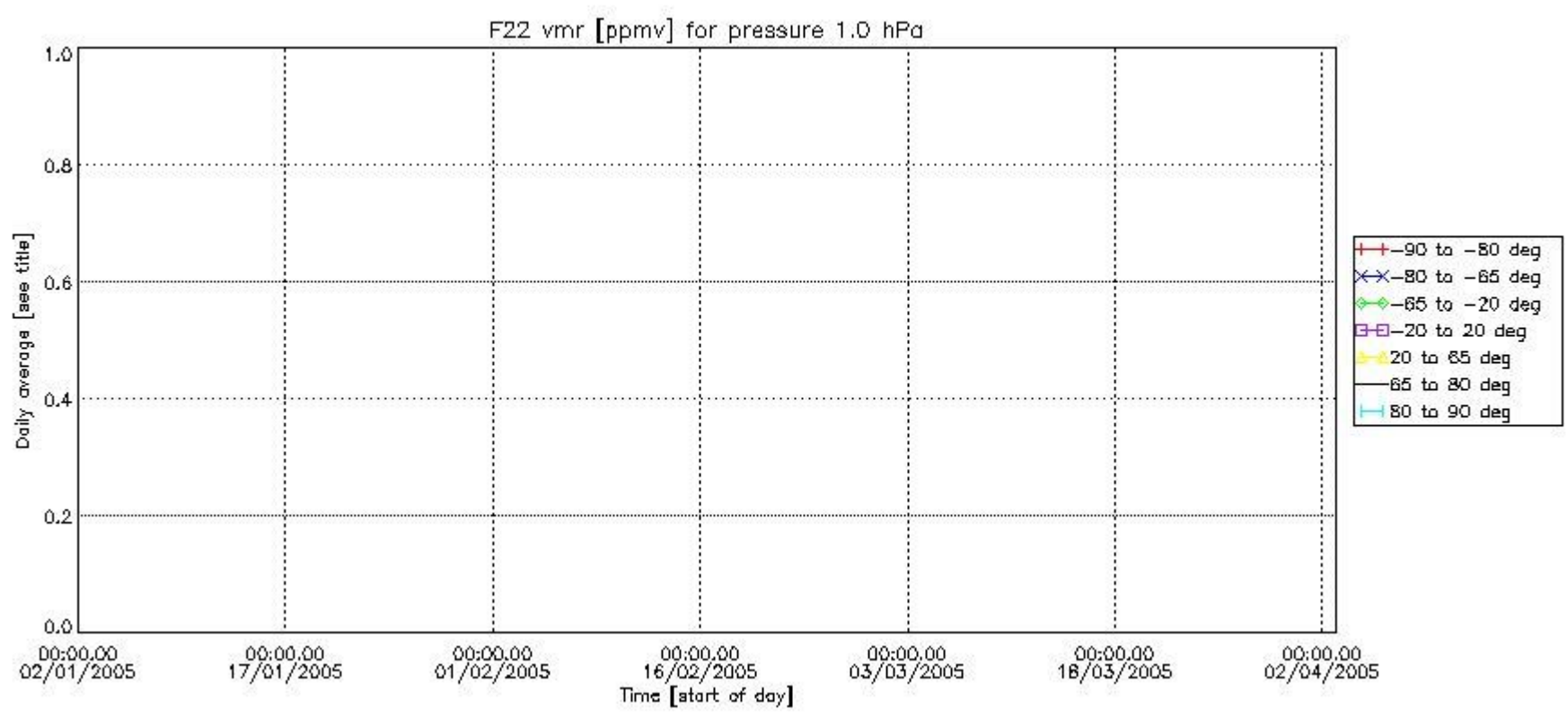


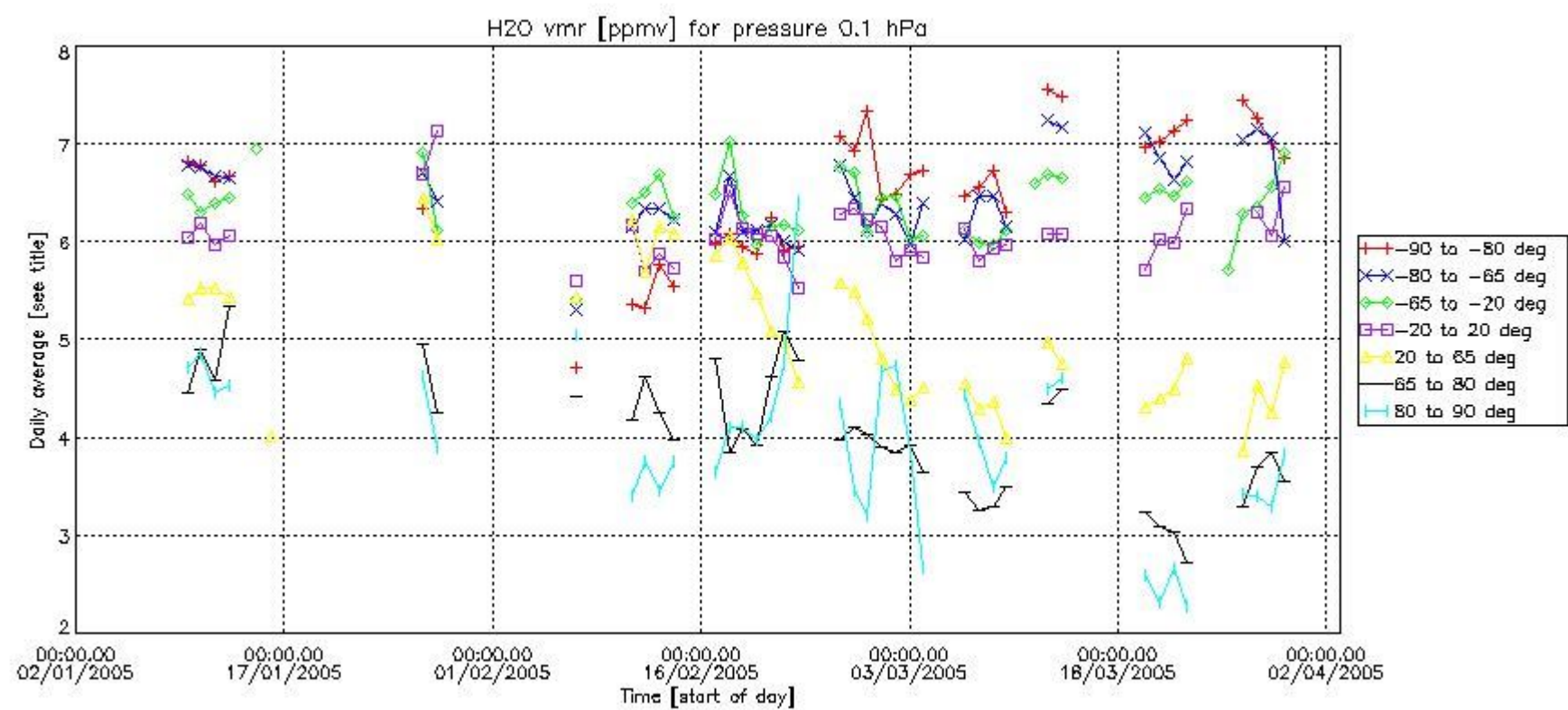
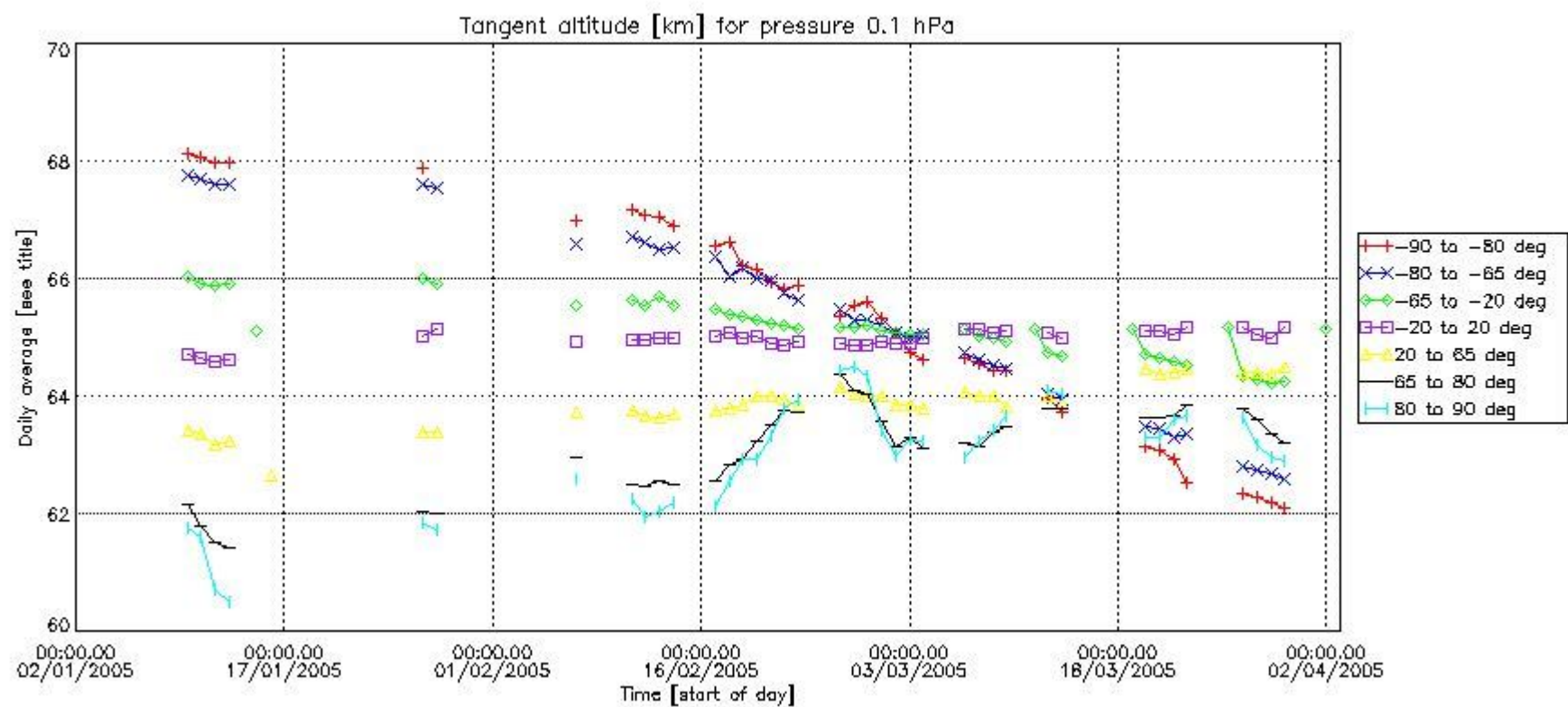


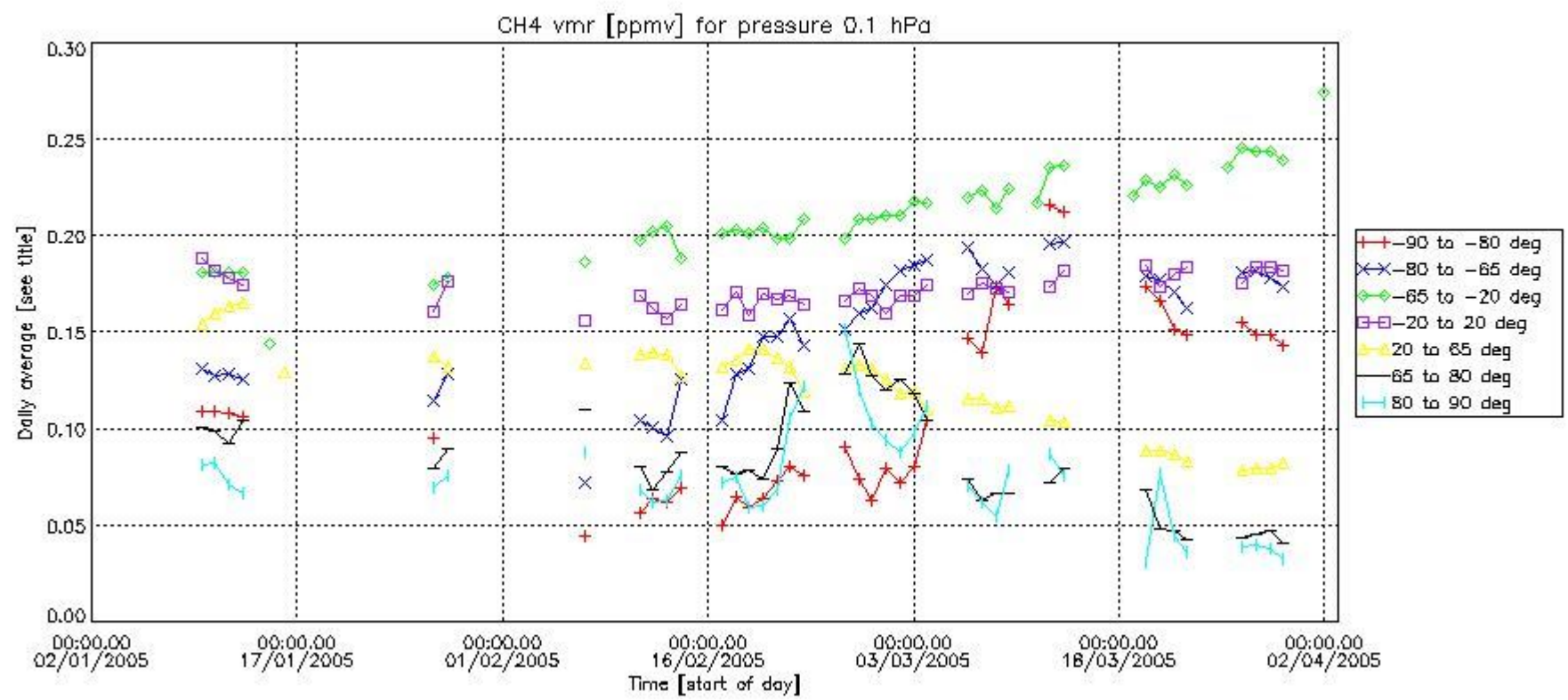
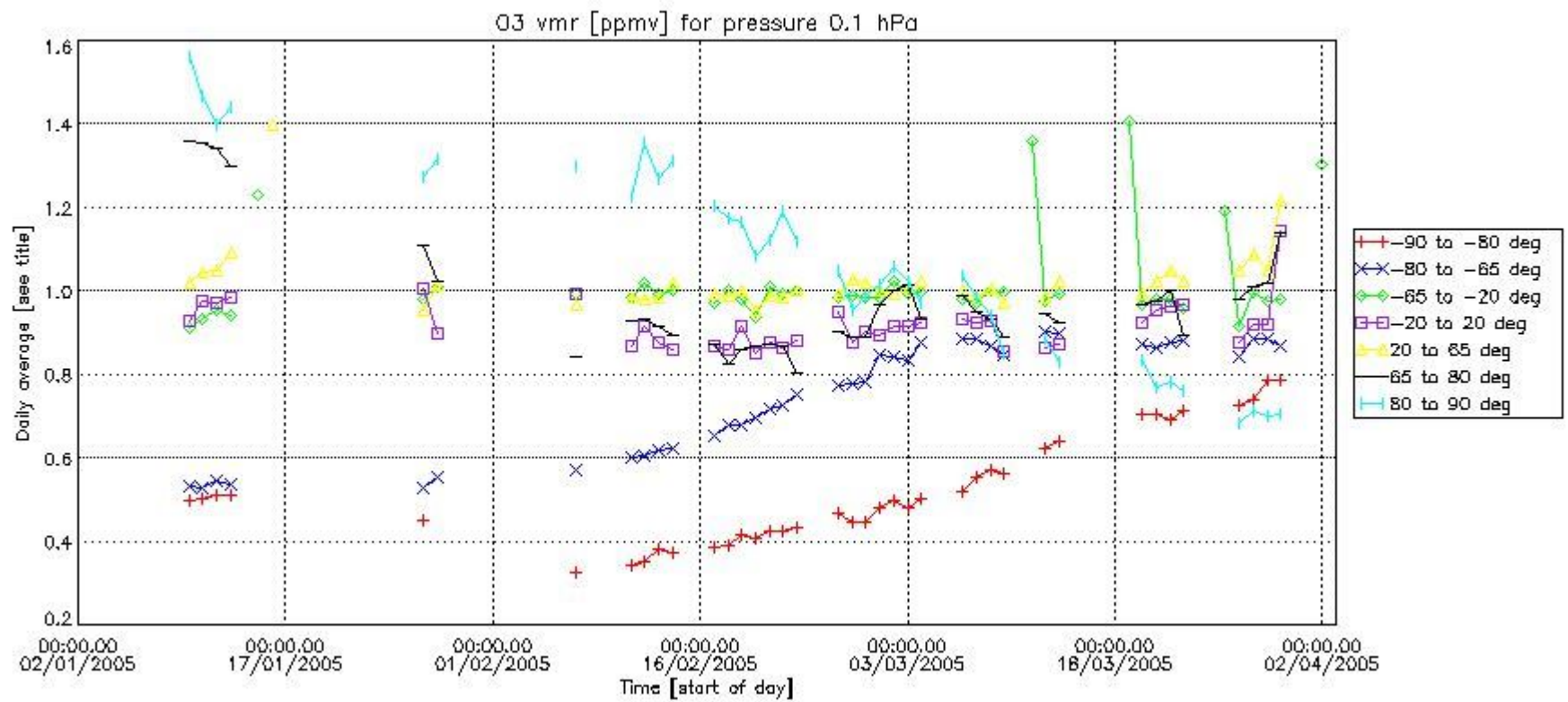


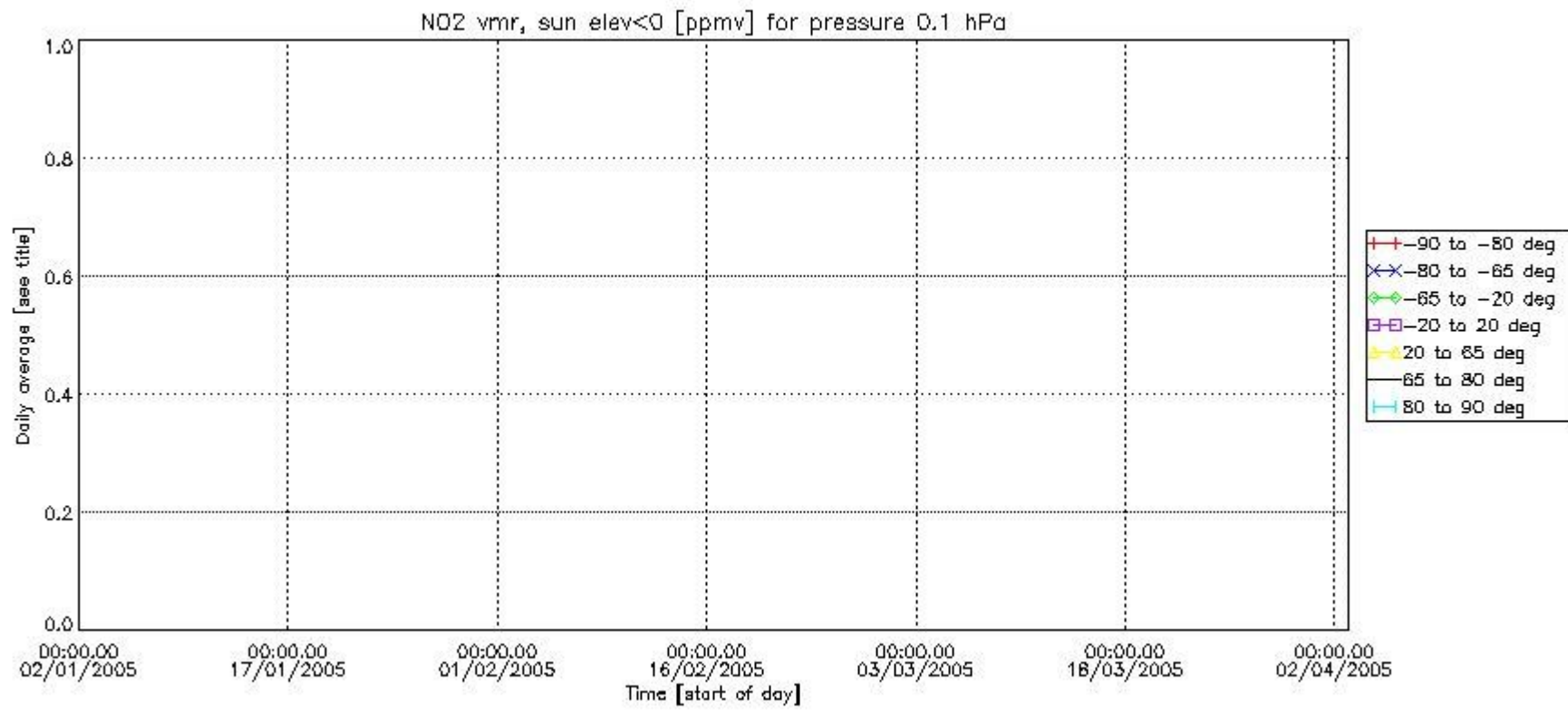
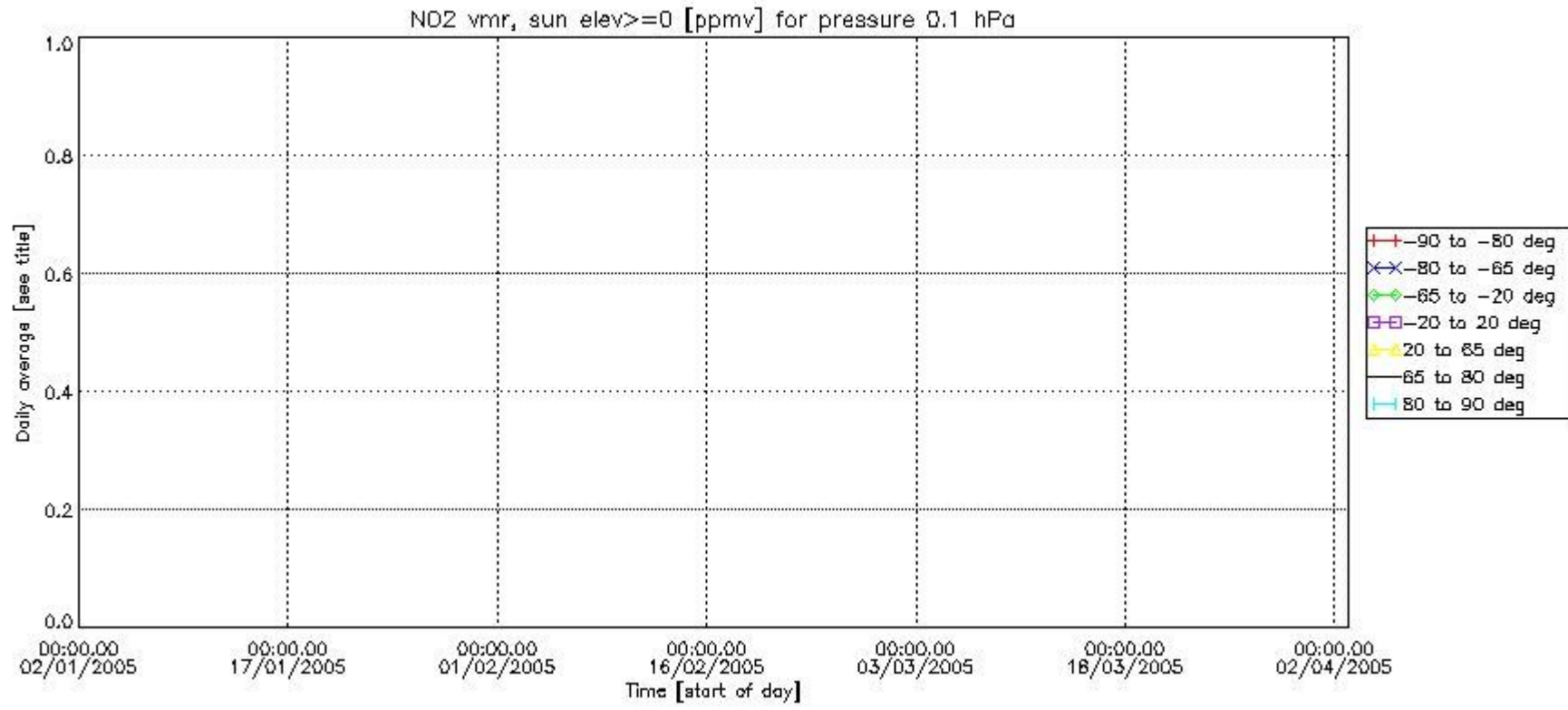




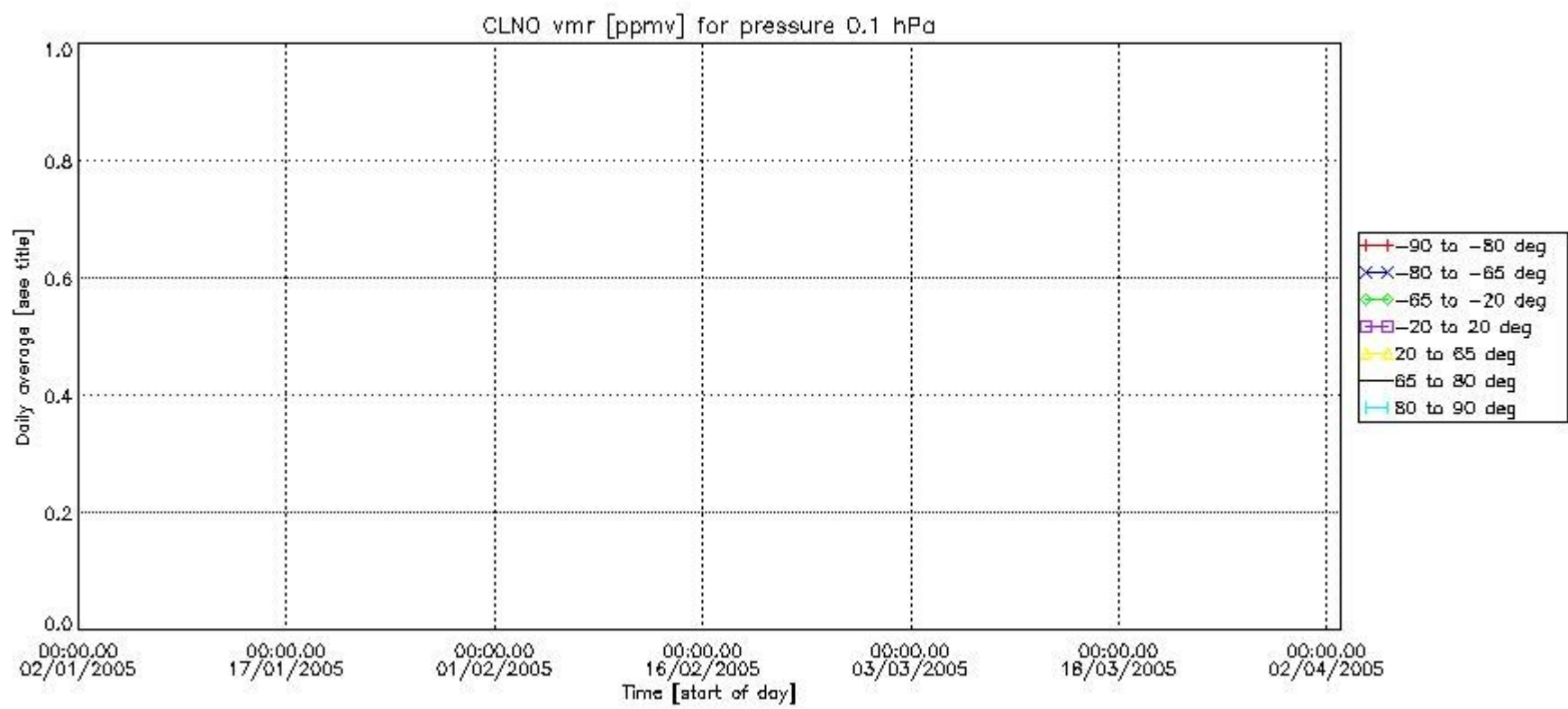
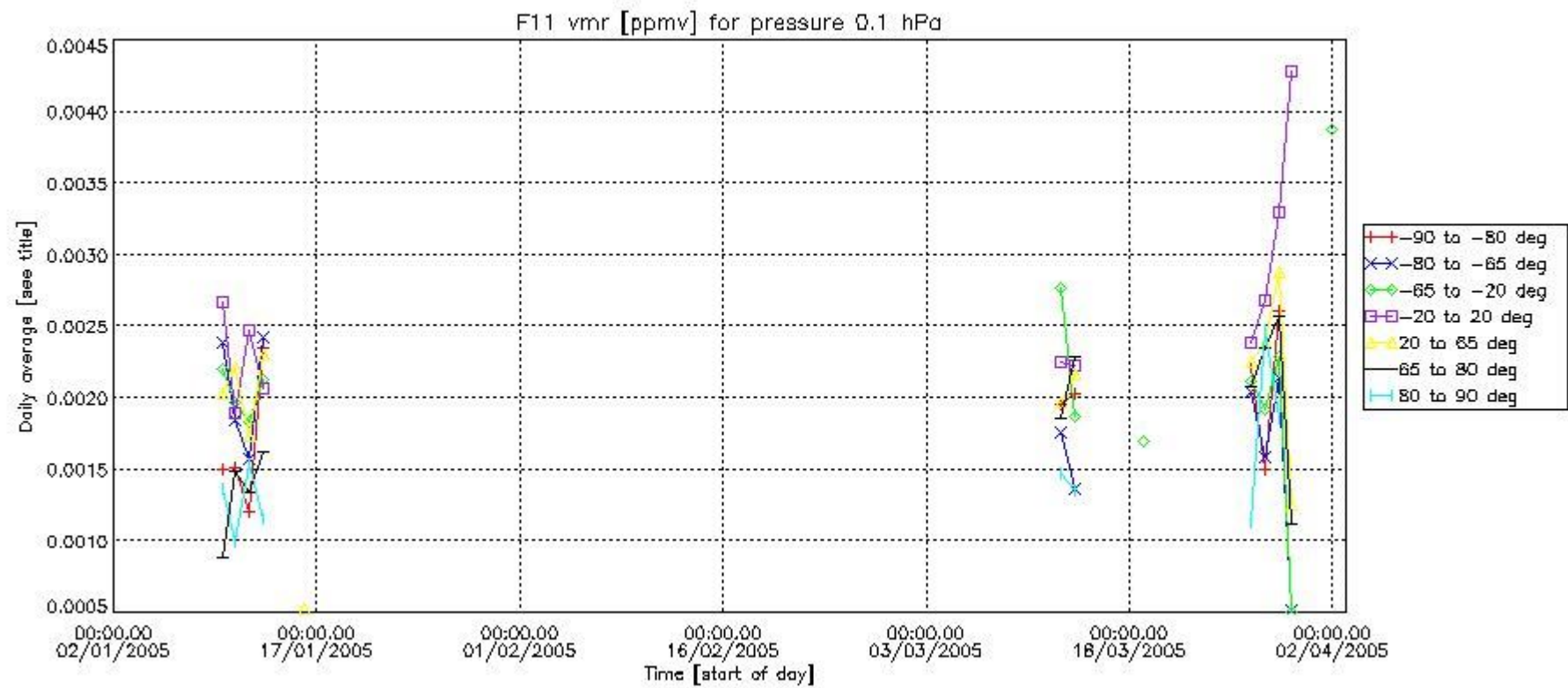


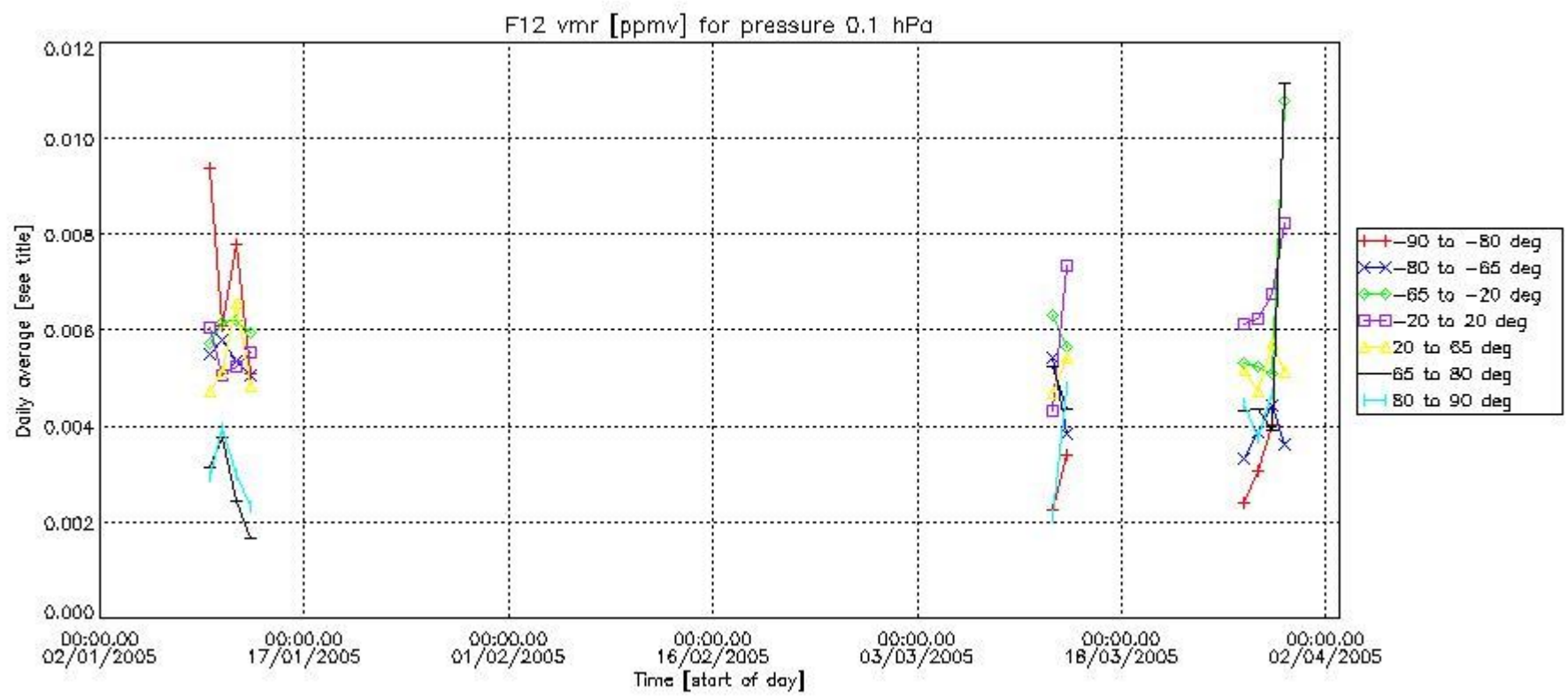
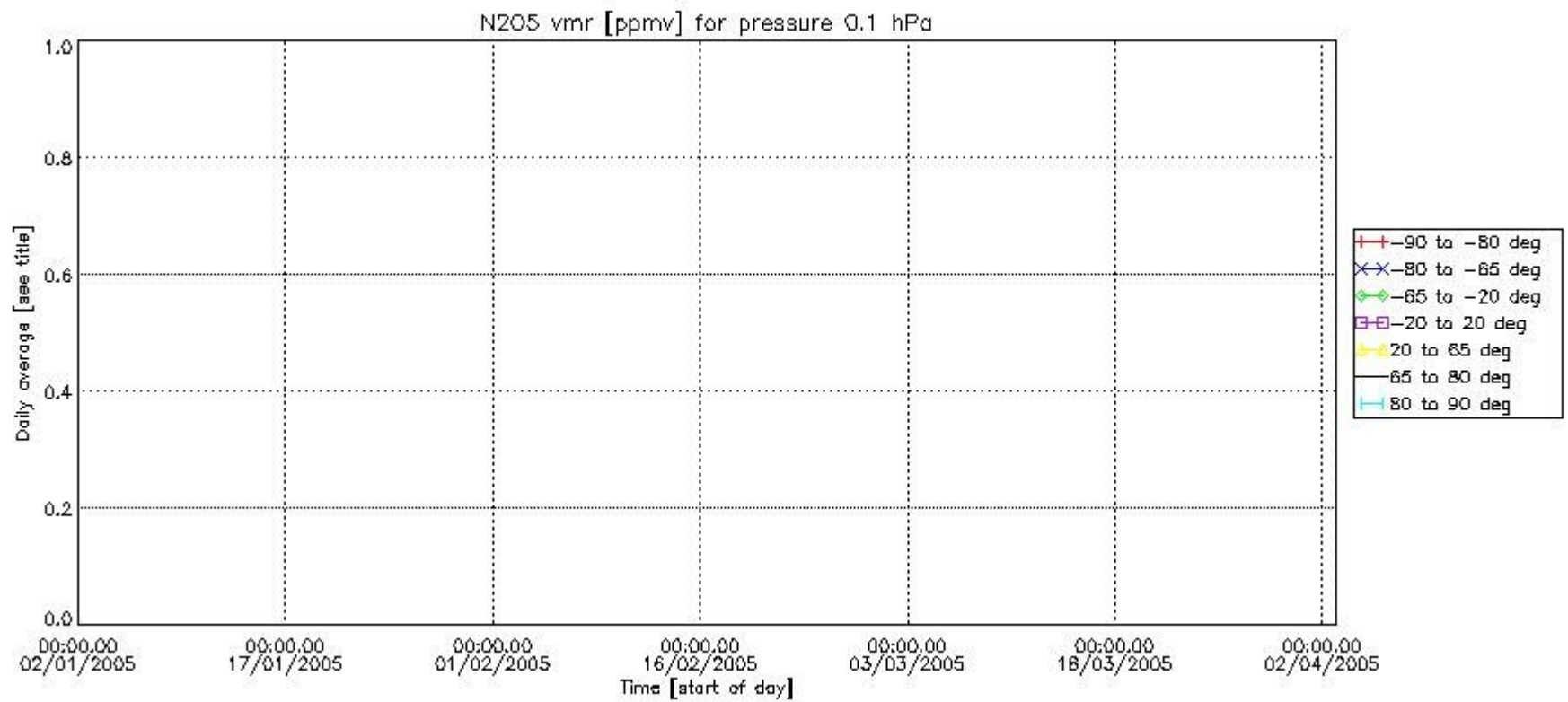


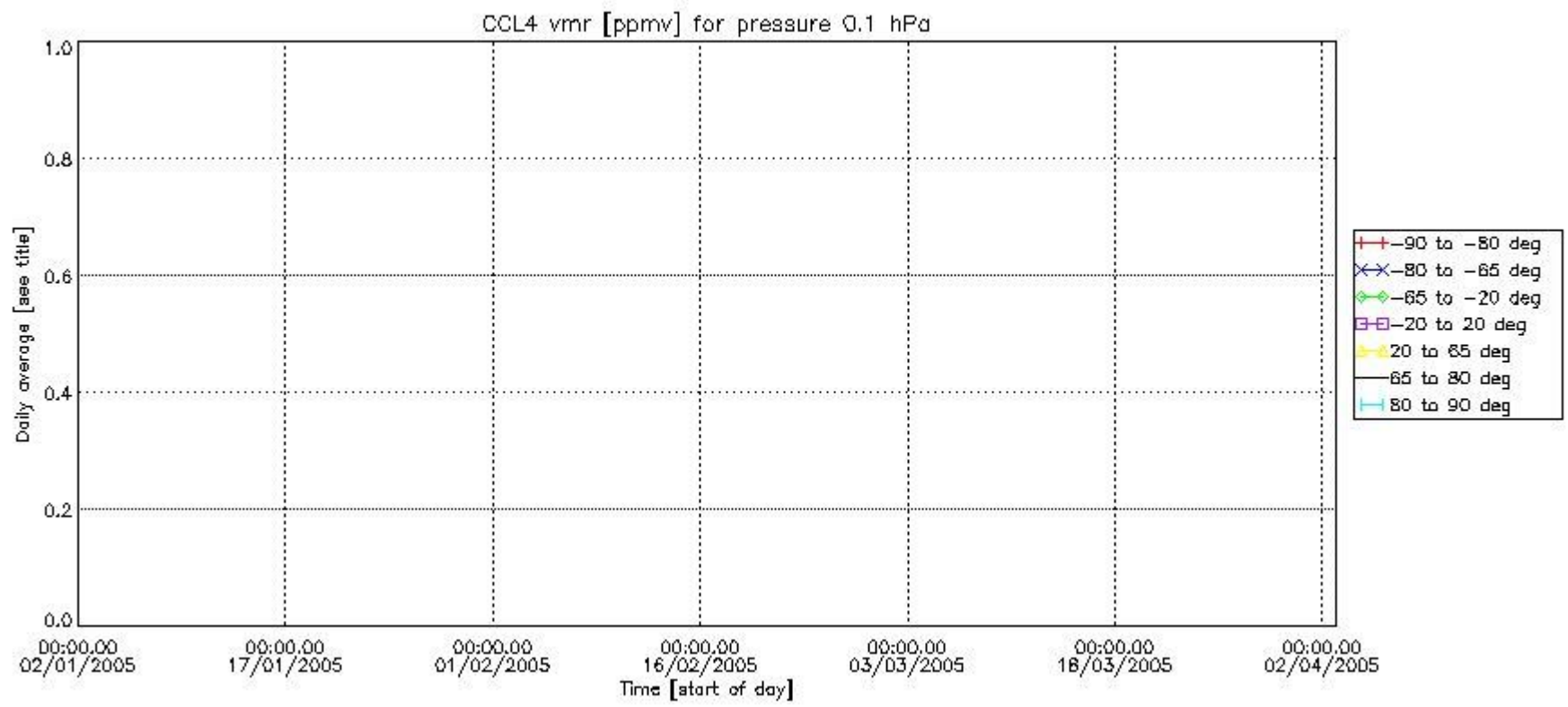
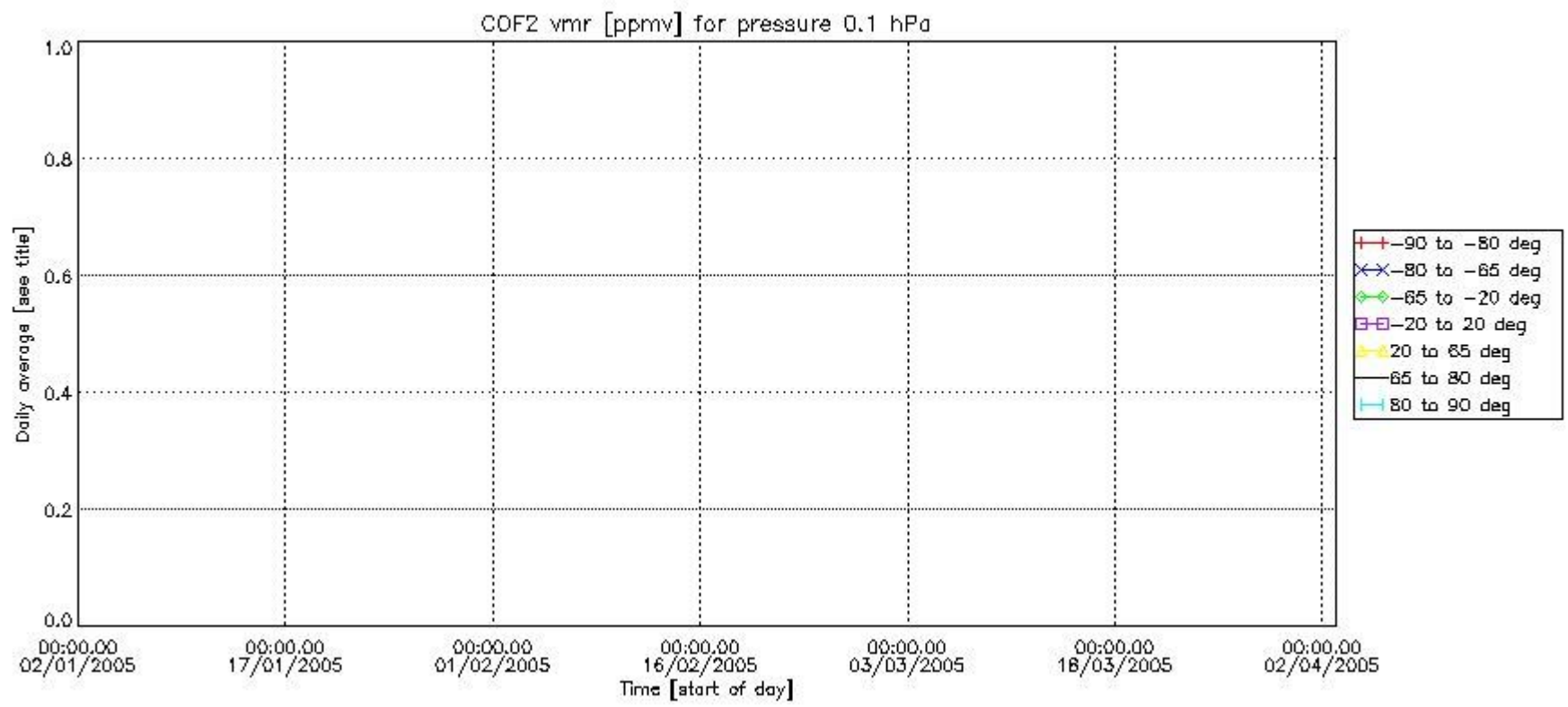


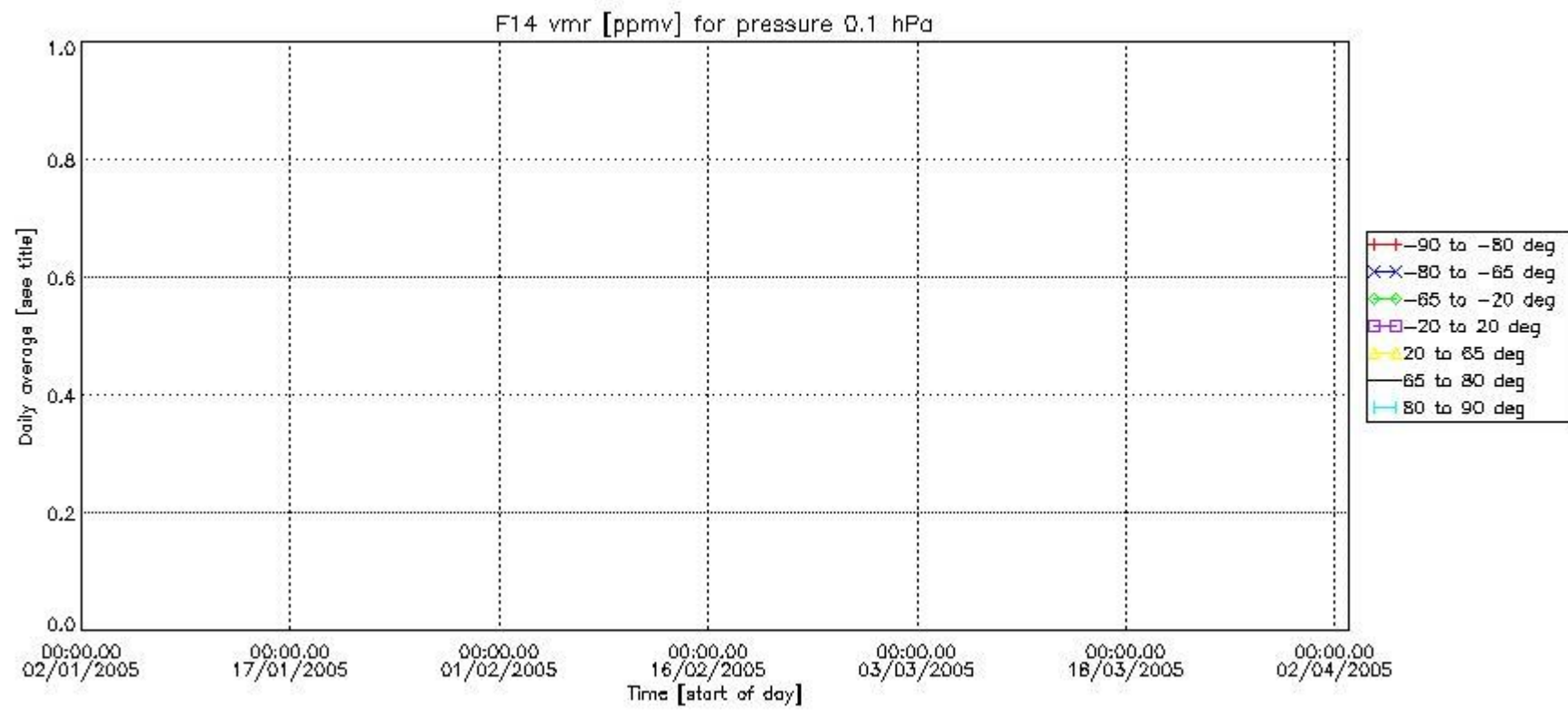
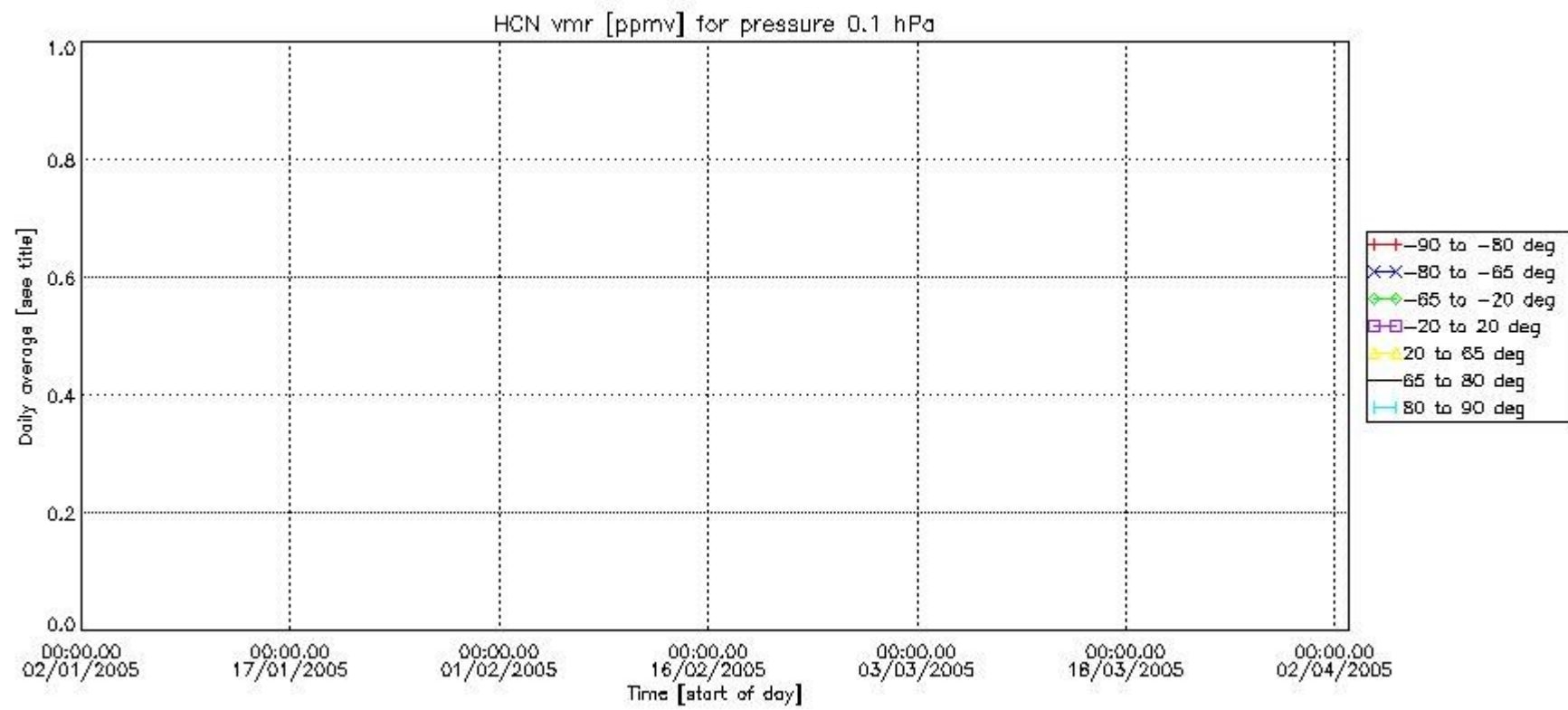


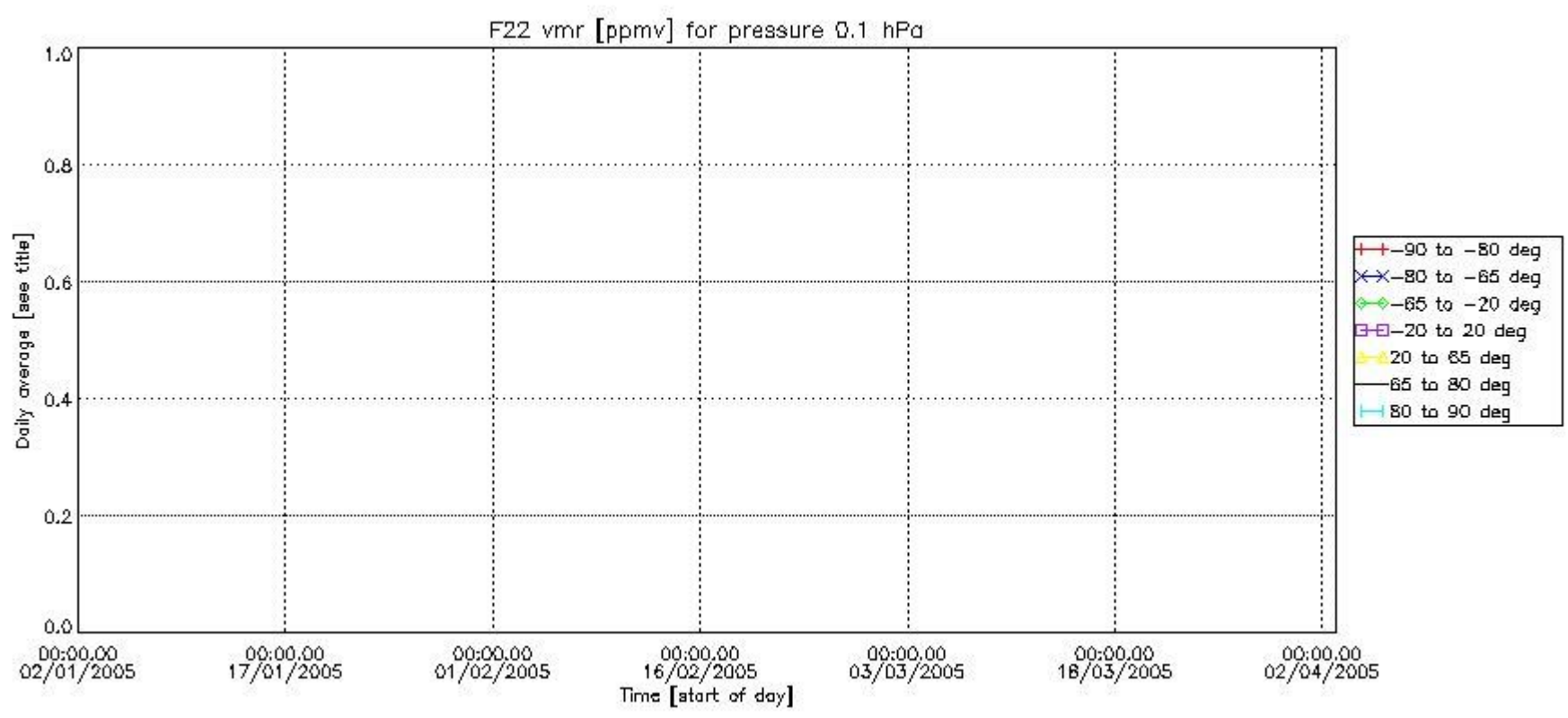












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

