

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20050929.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 15:11:01
Data source version	ML2PP/7.03-W
Processing scope for products	29SEP2005 00:00:00 to 30SEP2005 00:00:00
Start time of first product within scope	29SEP2005 06:44:06
Stop time of last product within scope	30SEP2005 01:07:02
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__2PWDSI20050929_064406_000057672041_00135_18726_1000.N1	29SEP2005 06:44:06	29SEP2005 08:20:13	0	103/103	VMR_TERM_MACRO_MICRO[F14/micro:1]
1	MIP_NL__2PWDSI20050929_082103_000060302041_00136_18727_1000.N1	29SEP2005 08:21:03	29SEP2005 10:01:32	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:4; HCN/micro:2]
2	MIP_NL__2PWDSI20050929_100139_000036222041_00137_18728_1000.N1	29SEP2005 10:01:39	29SEP2005 11:02:00	0	80/80	VMR_TERM_MACRO_MICRO[HCN/micro:1]
3	MIP_NL__2PWDSI20050929_182818_000057672041_00142_18733_1000.N1	29SEP2005 18:28:18	29SEP2005 20:04:24	0	103/103	
4	MIP_NL__2PWDSI20050929_200514_000060302041_00143_18734_1000.N1	29SEP2005 20:05:14	29SEP2005 21:45:44	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]
5	MIP_NL__2PWDSI20050929_214550_000060302041_00144_18735_1000.N1	29SEP2005 21:45:50	29SEP2005 23:26:20	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; CLNO/micro:1; HCN/micro:2]
6	MIP_NL__2PWDSI20050929_232626_000060362041_00145_18736_1000.N1	29SEP2005 23:26:26	30SEP2005 01:07:02	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:1]

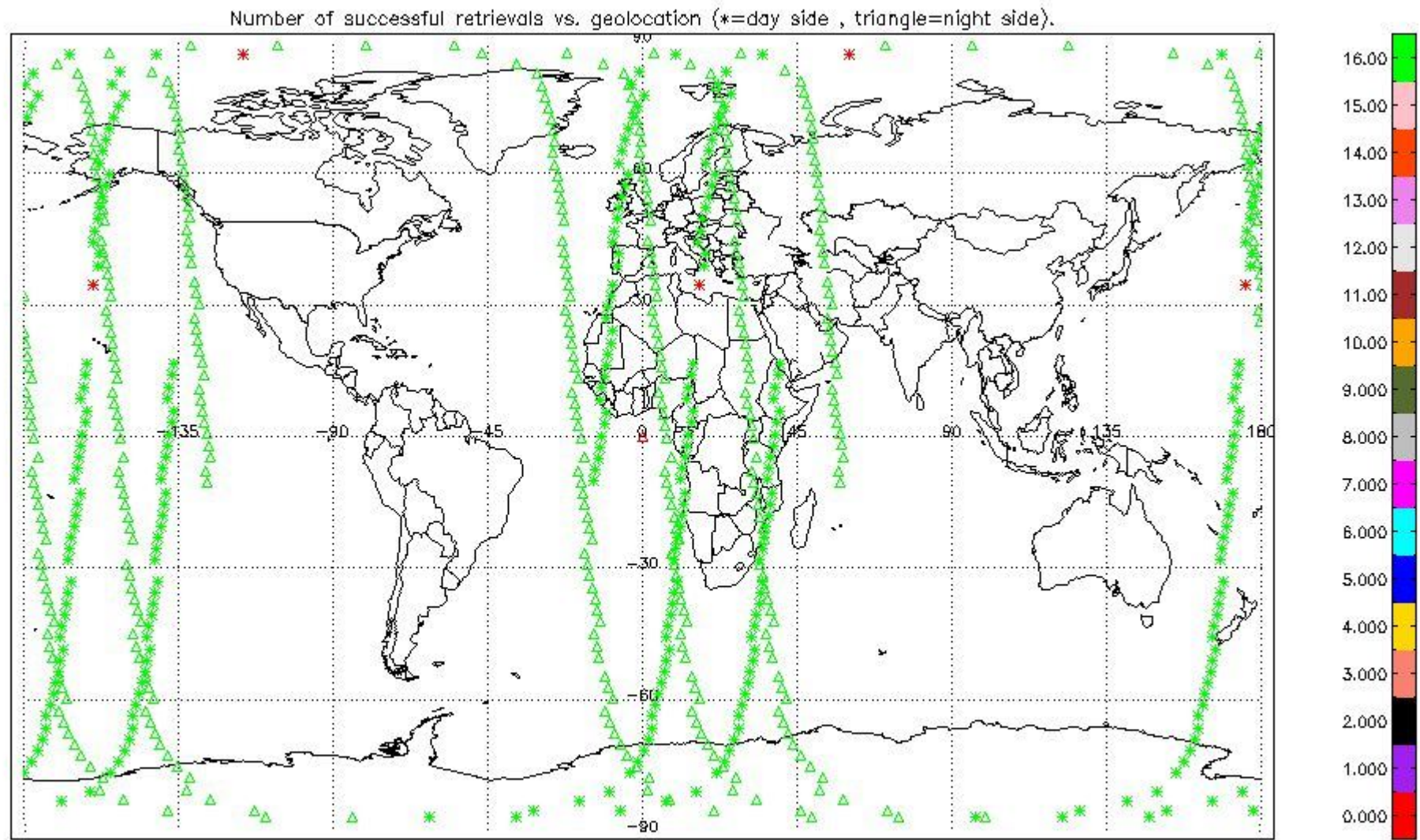
## 2.2 Processing performance indicators

### 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.

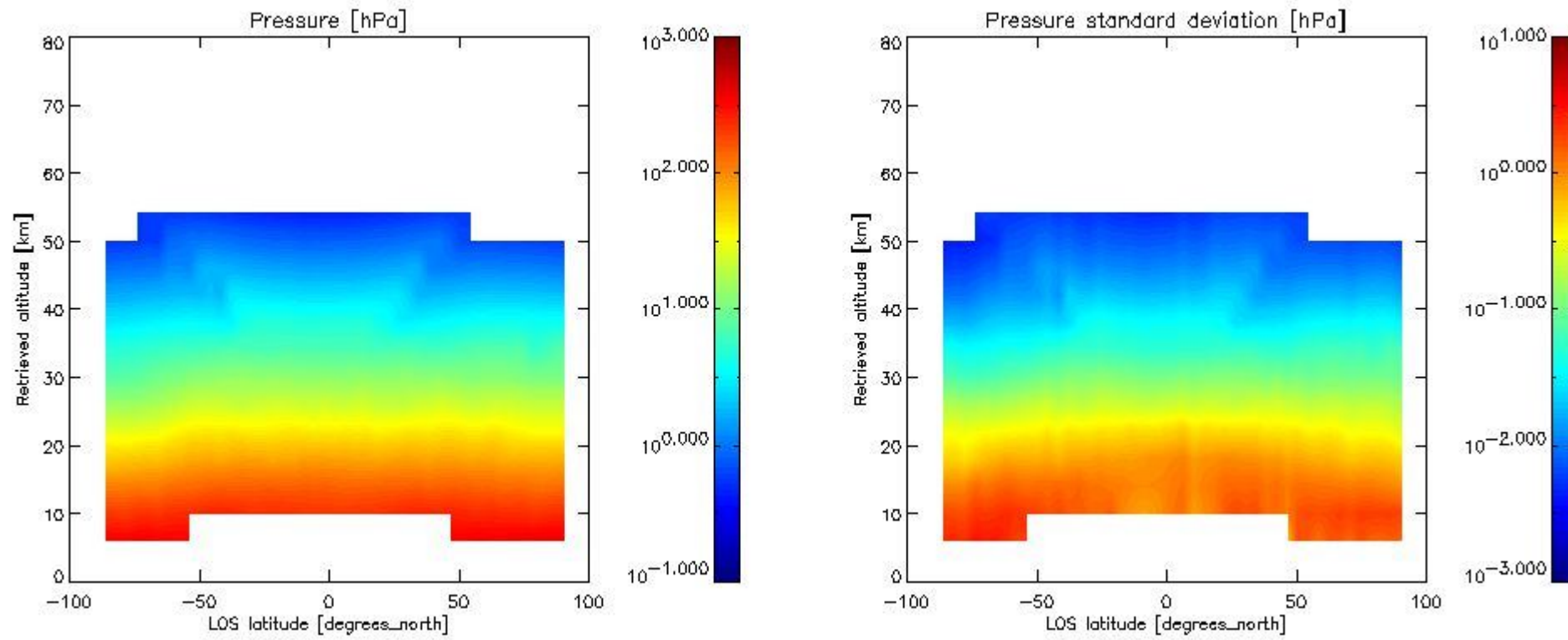
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	803	704	87.671
H2O	803	704	87.671
O3	803	704	87.671

HNO3	803	704	87.671
CH4	803	704	87.671
N2O	803	704	87.671
NO2	803	704	87.671
F11	803	704	87.671
CLNO	803	704	87.671
N2O5	803	704	87.671
F12	803	704	87.671
COF2	803	704	87.671
CCL4	803	704	87.671
HCN	803	704	87.671
F14	803	704	87.671
F22	803	704	87.671



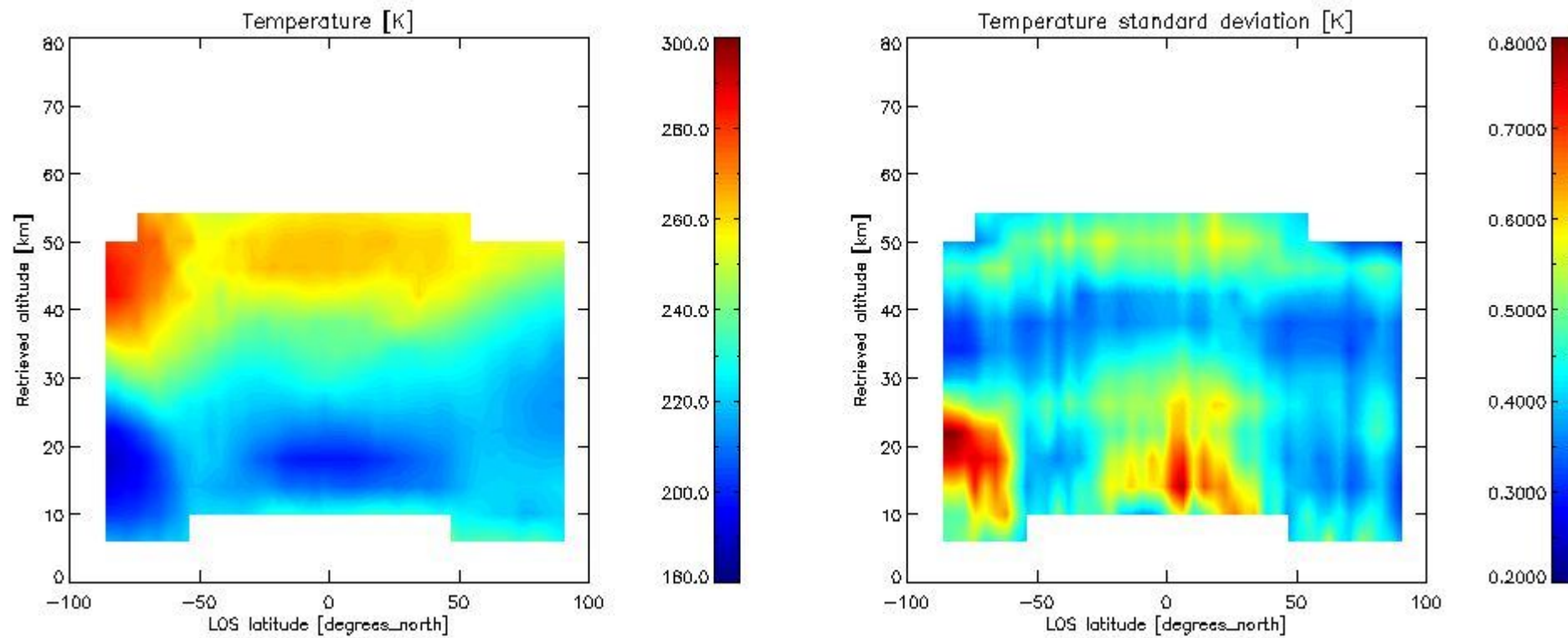
### 2.2.2 Pressure overview

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

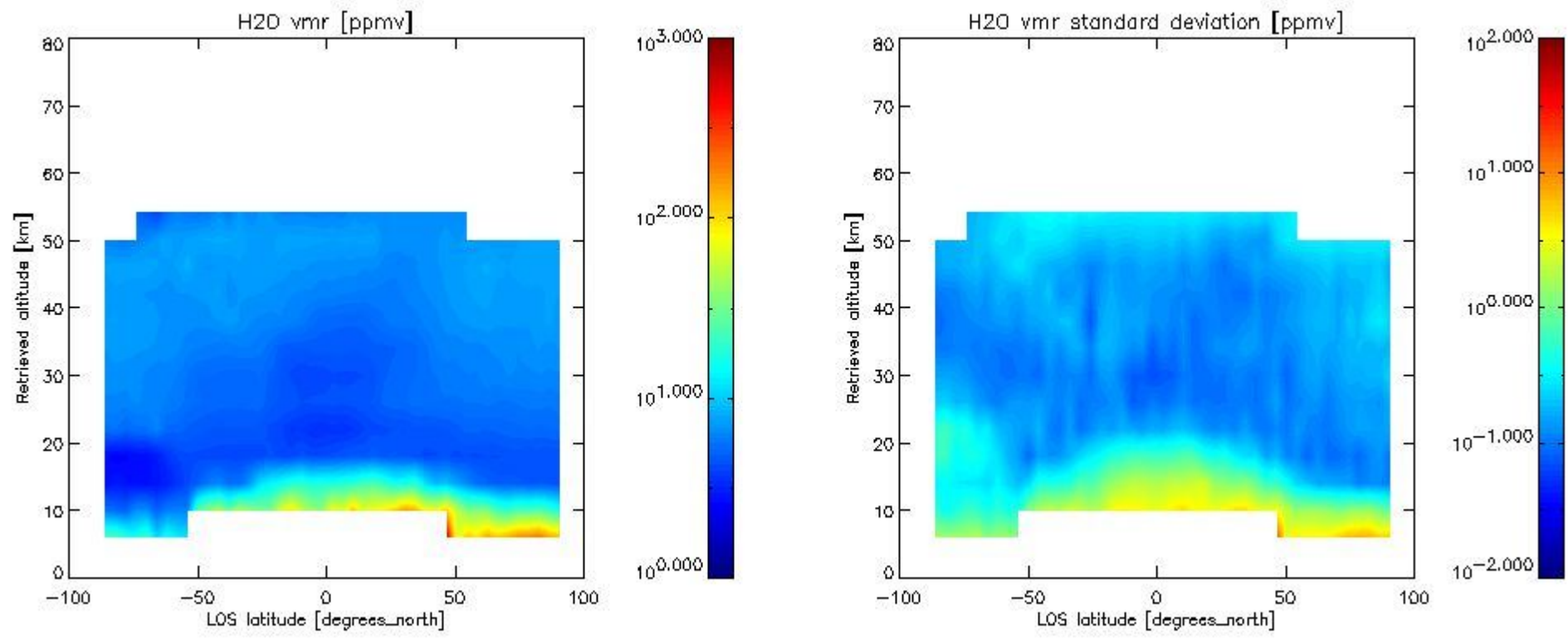
This section shows values (left) and error (right) for temperature after binning individual sweep values over retrieved altitude and tangent latitude.



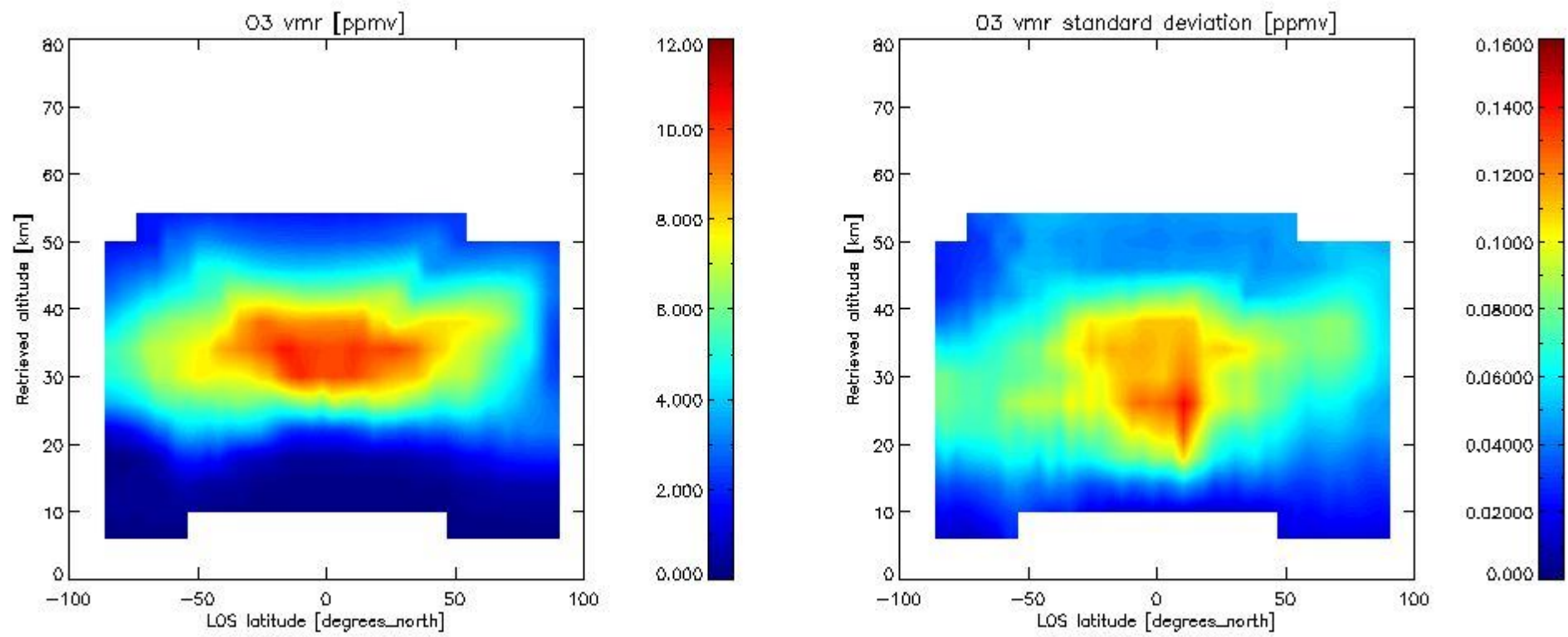
### 2.2.4 Species overview

**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.

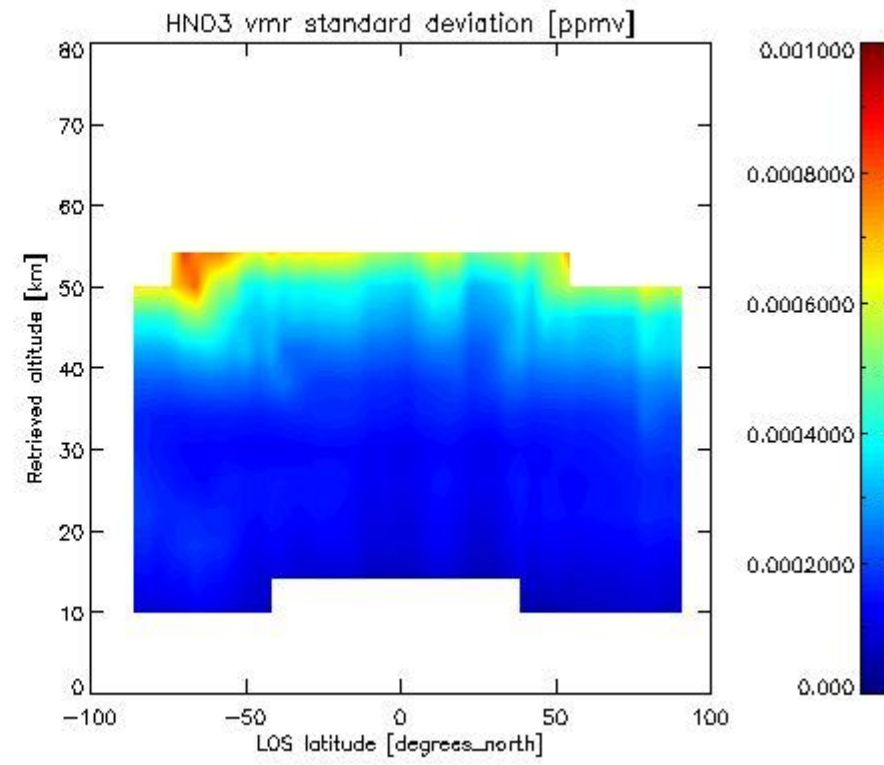
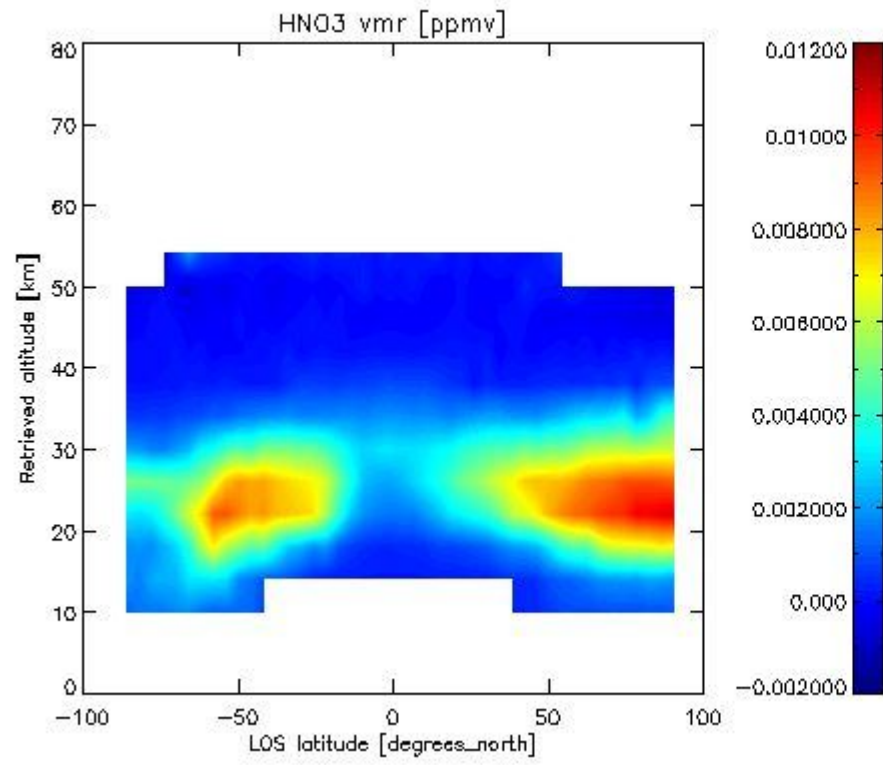




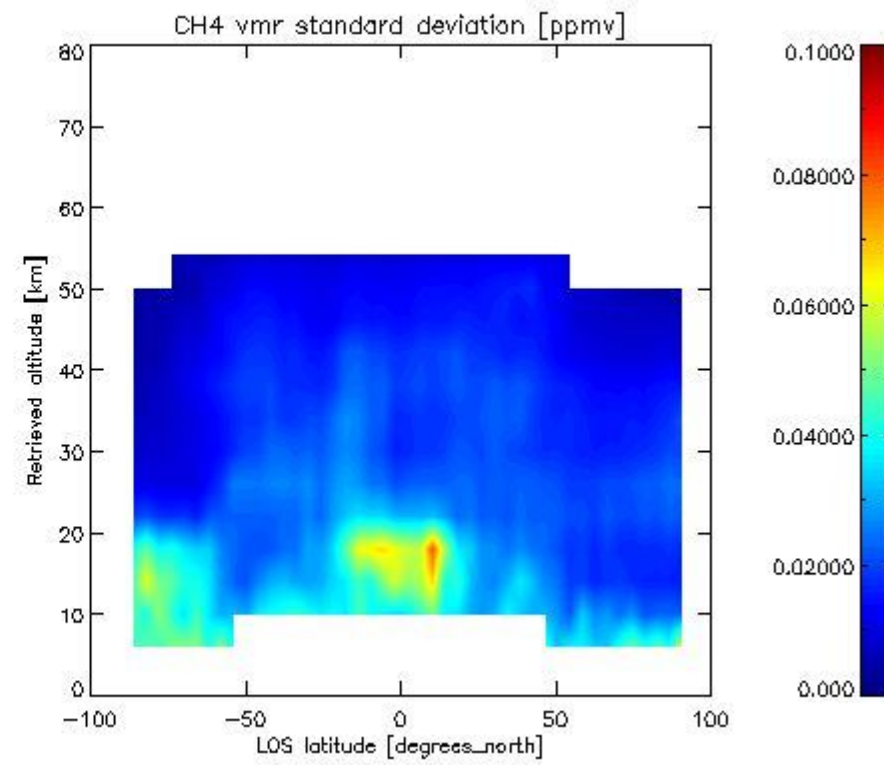
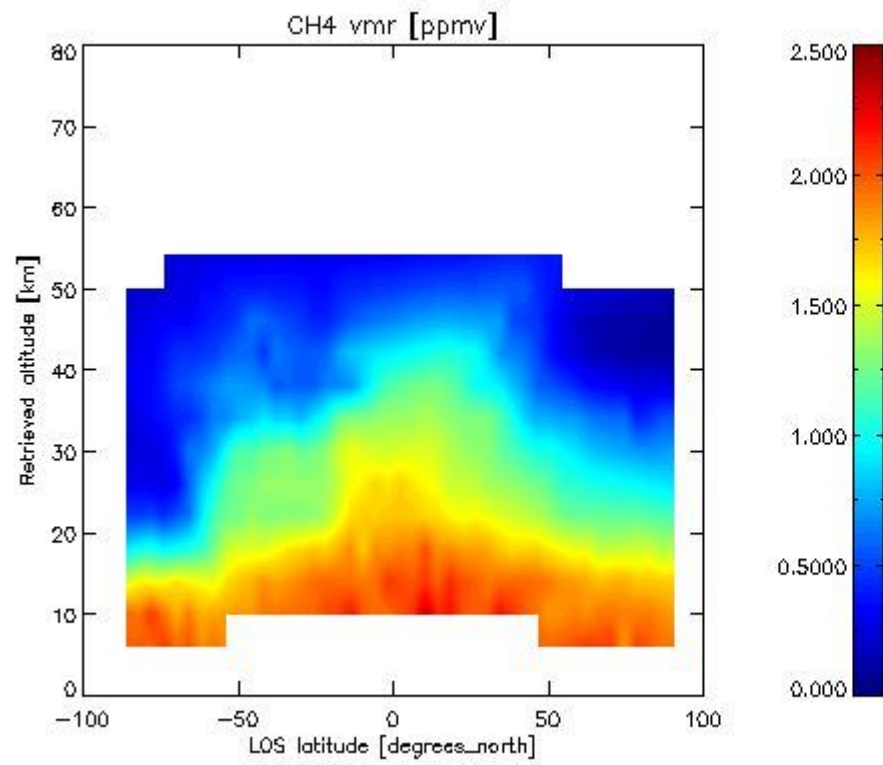
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



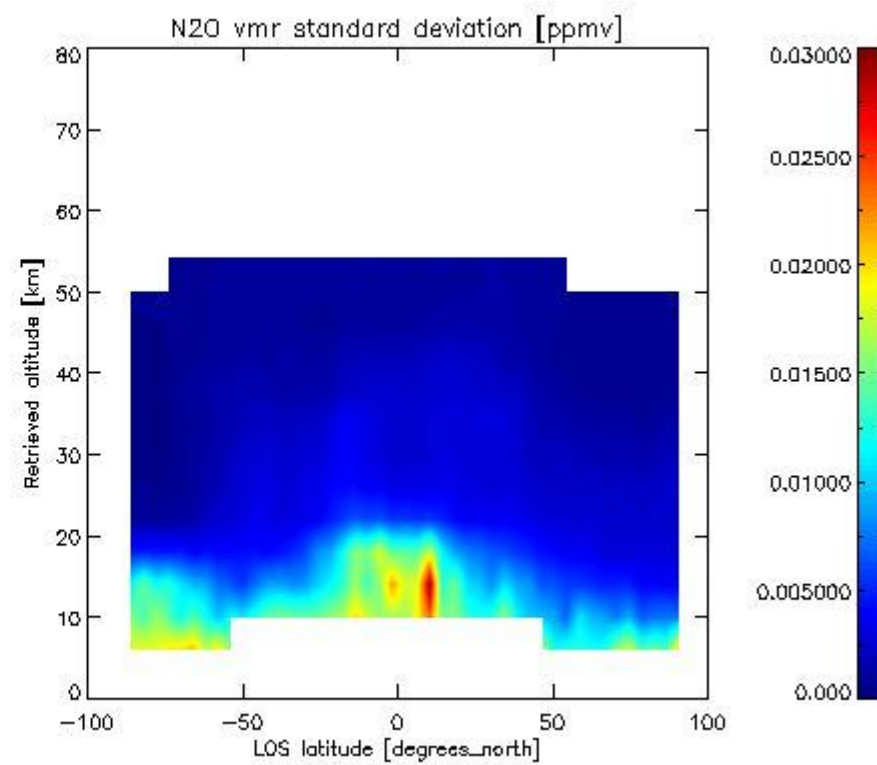
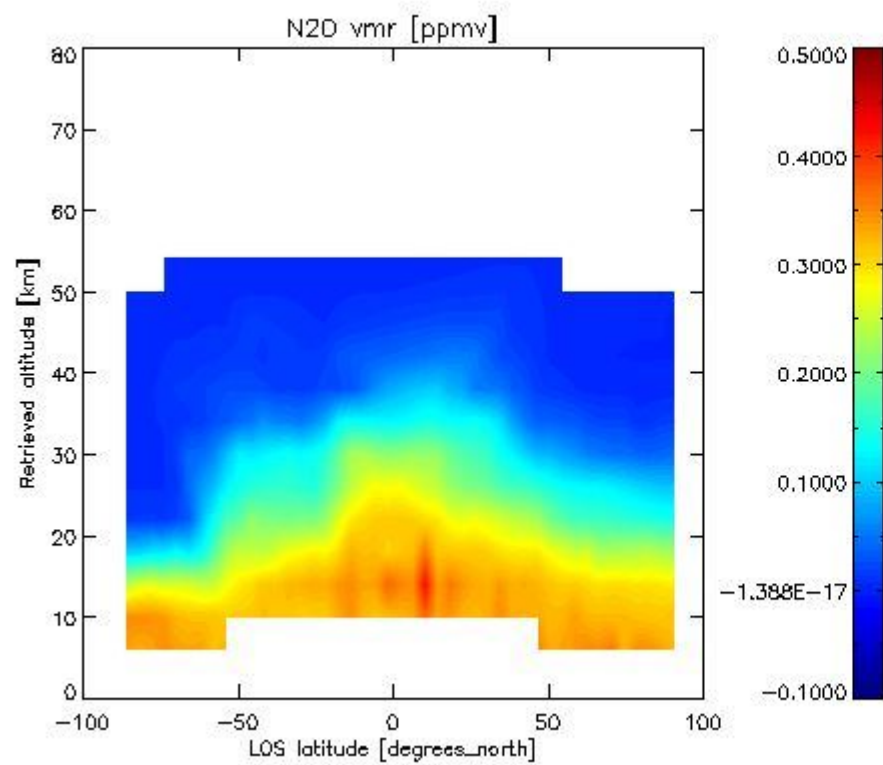
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



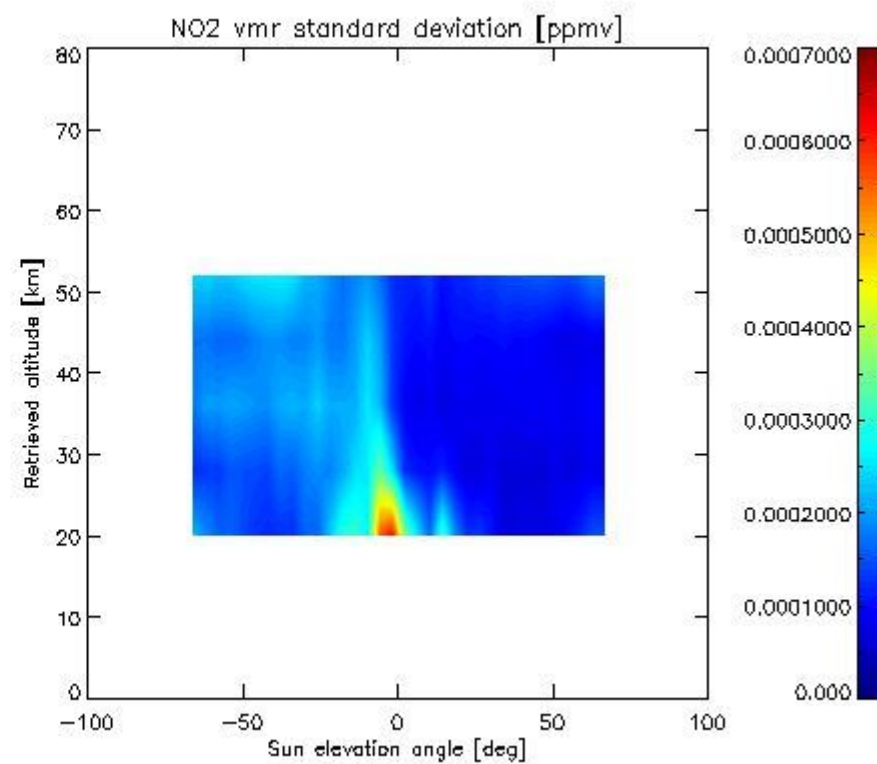
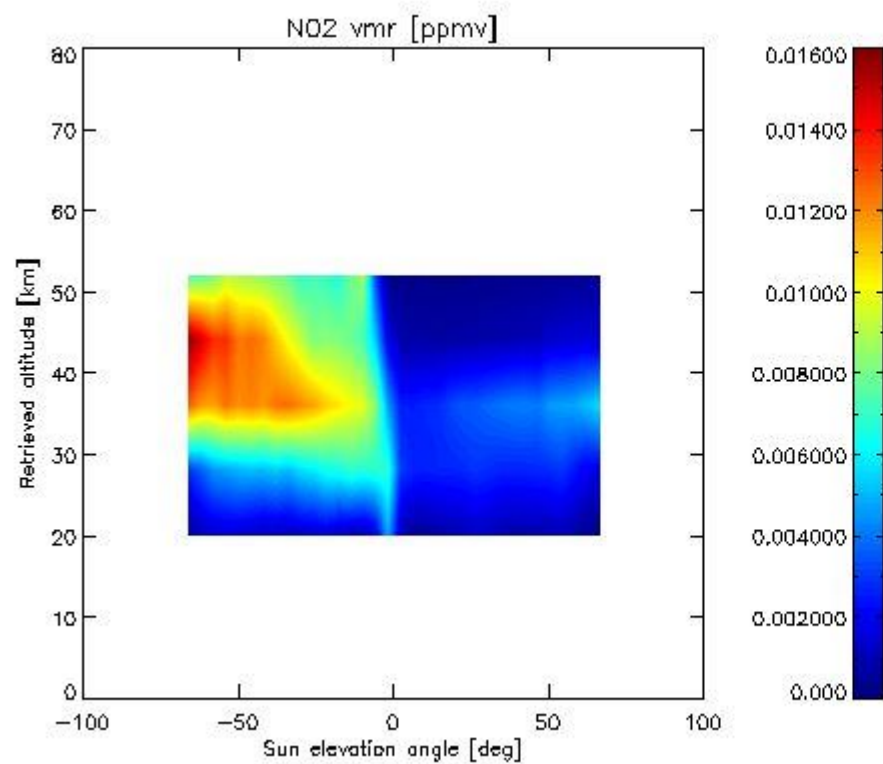
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



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.

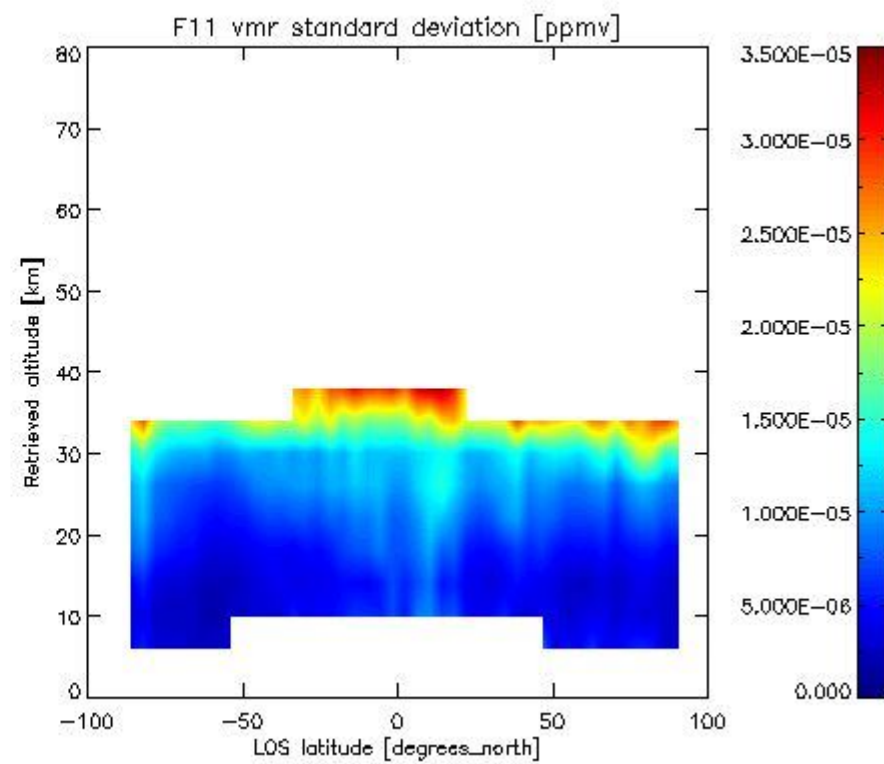
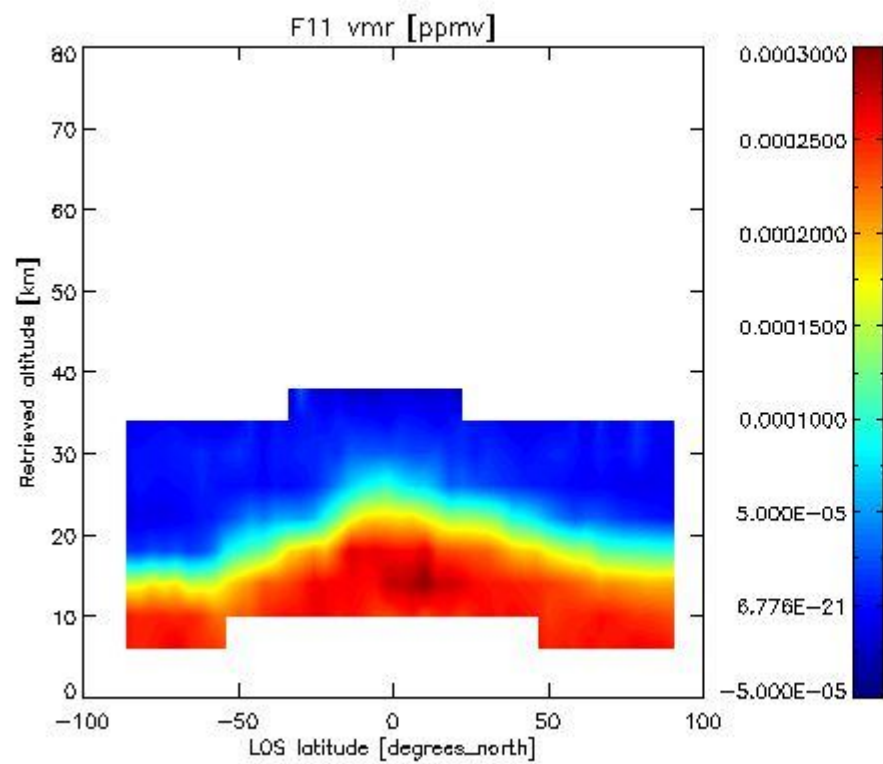


2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.

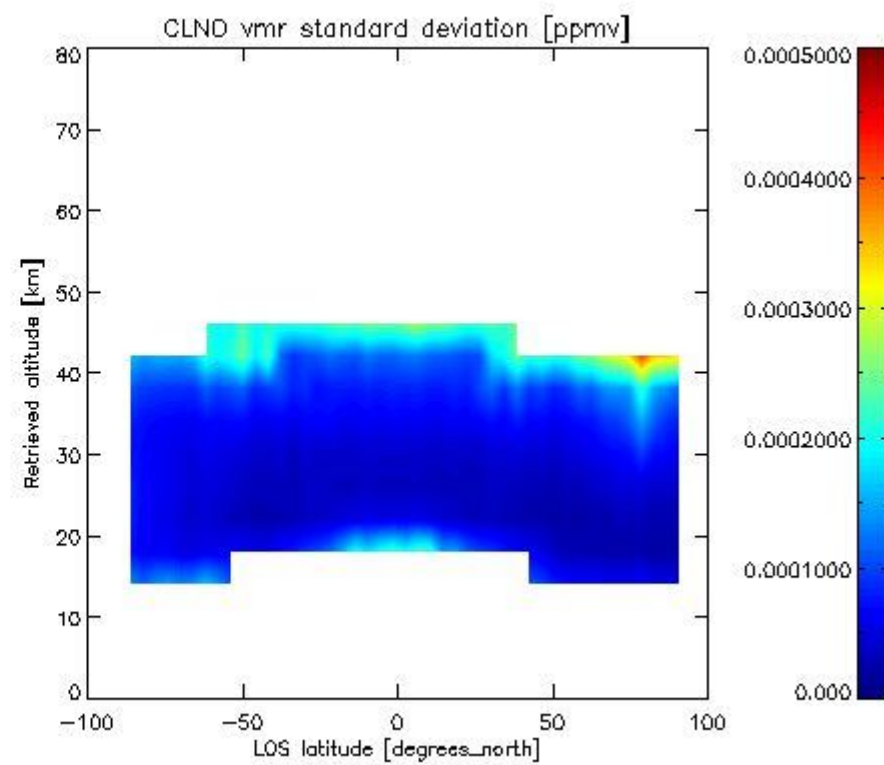
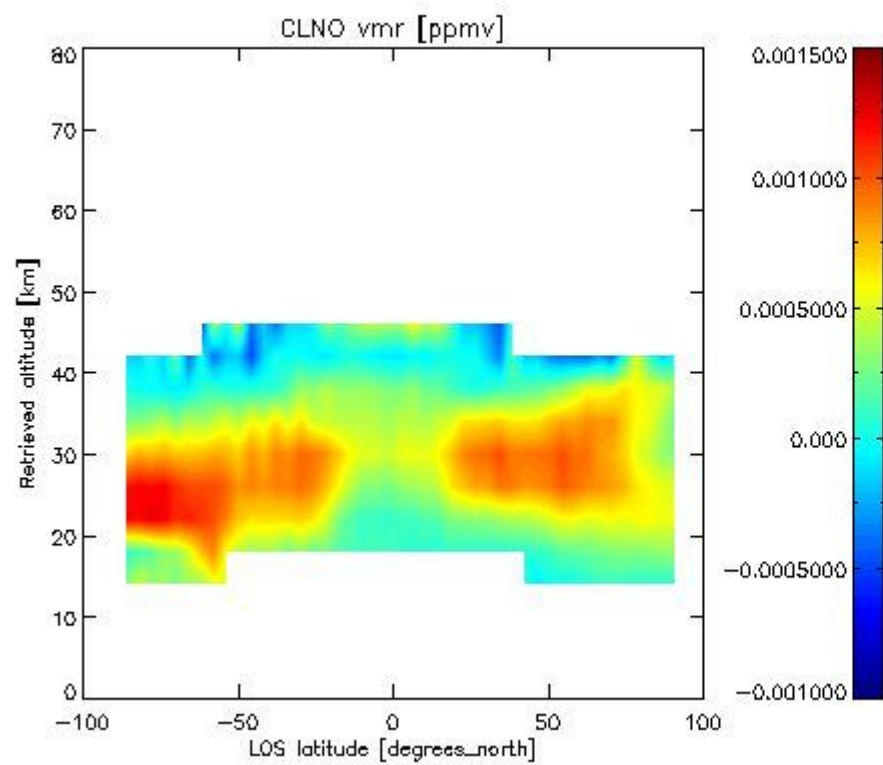


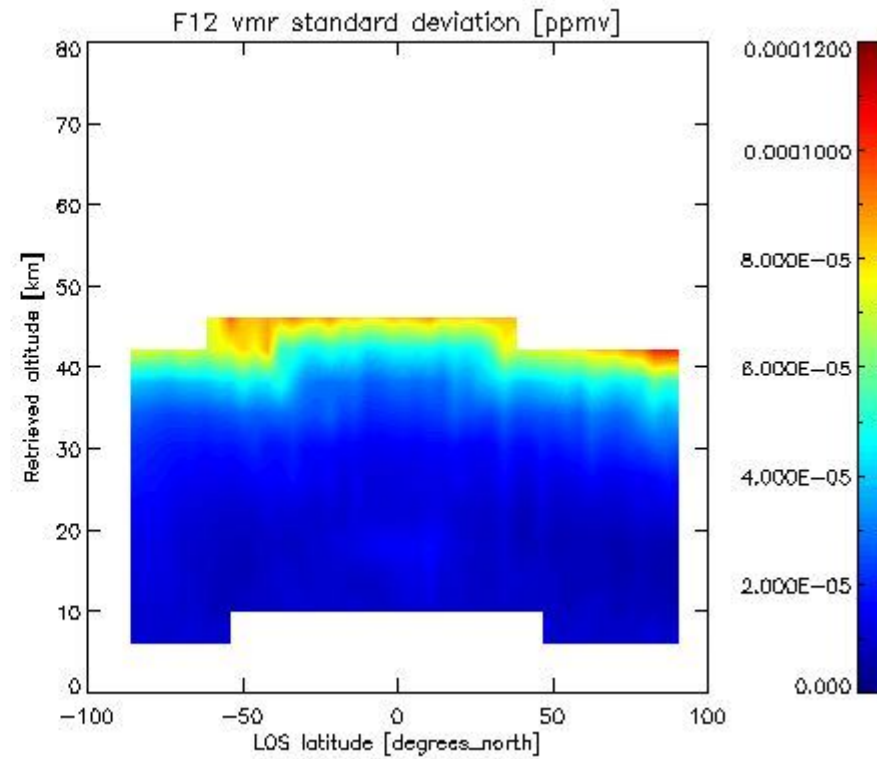
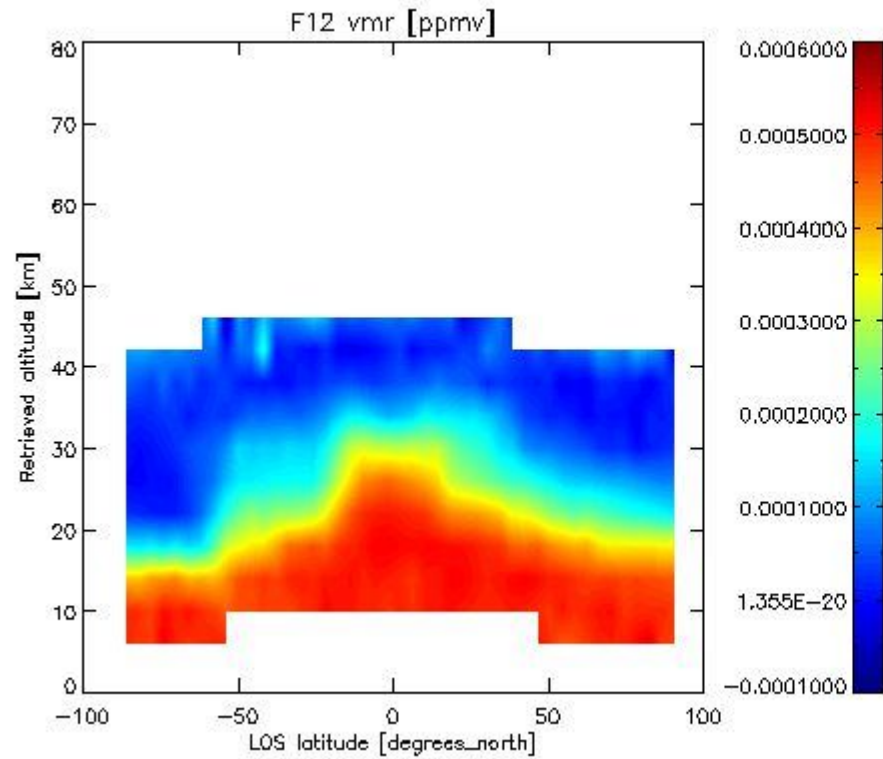
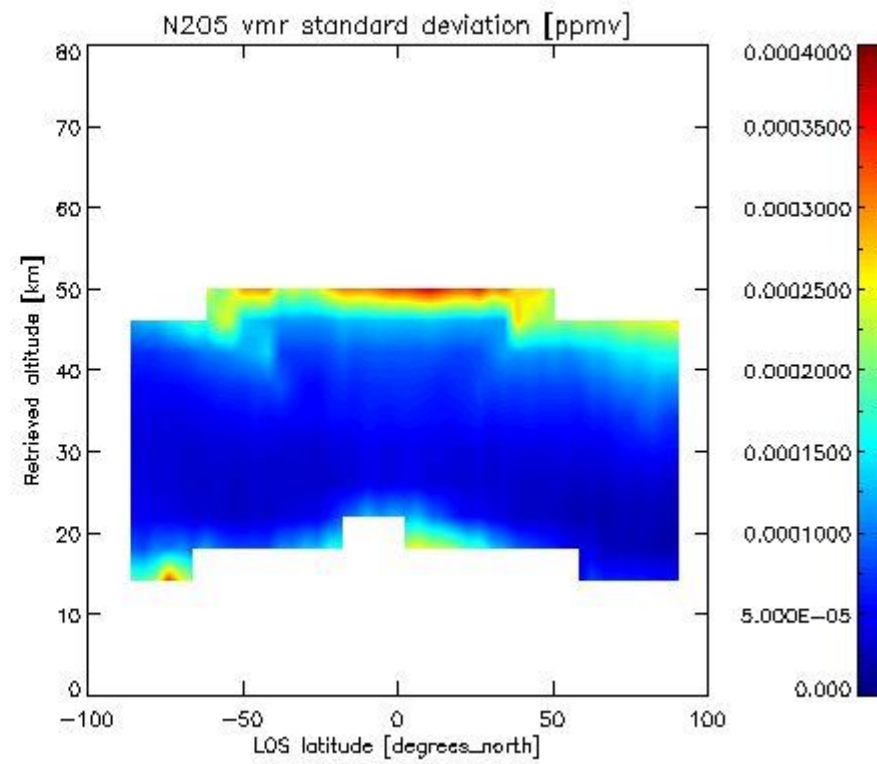
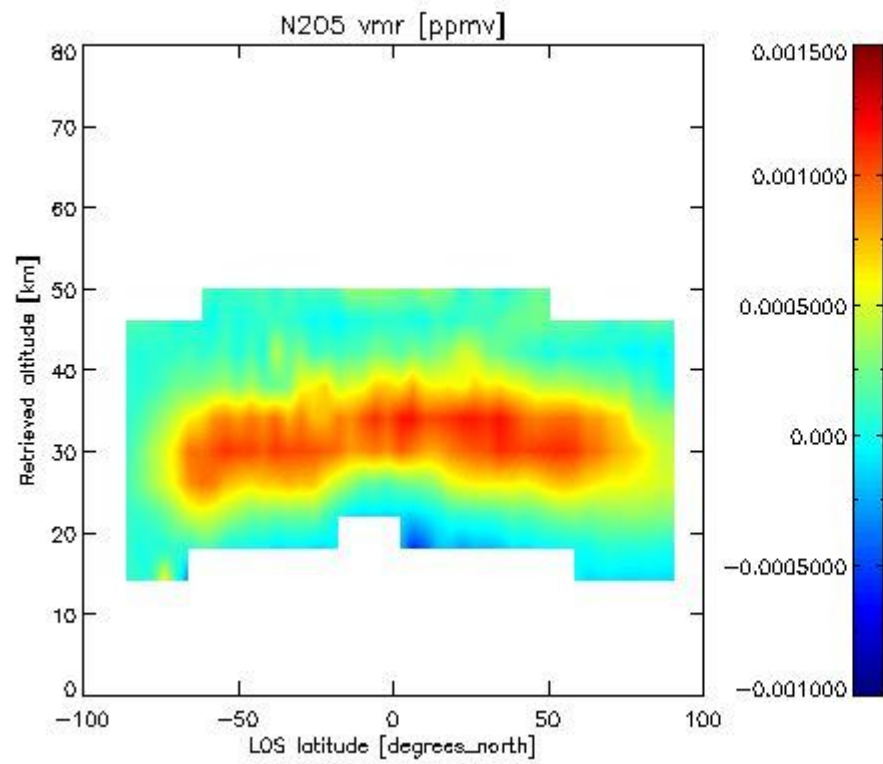
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



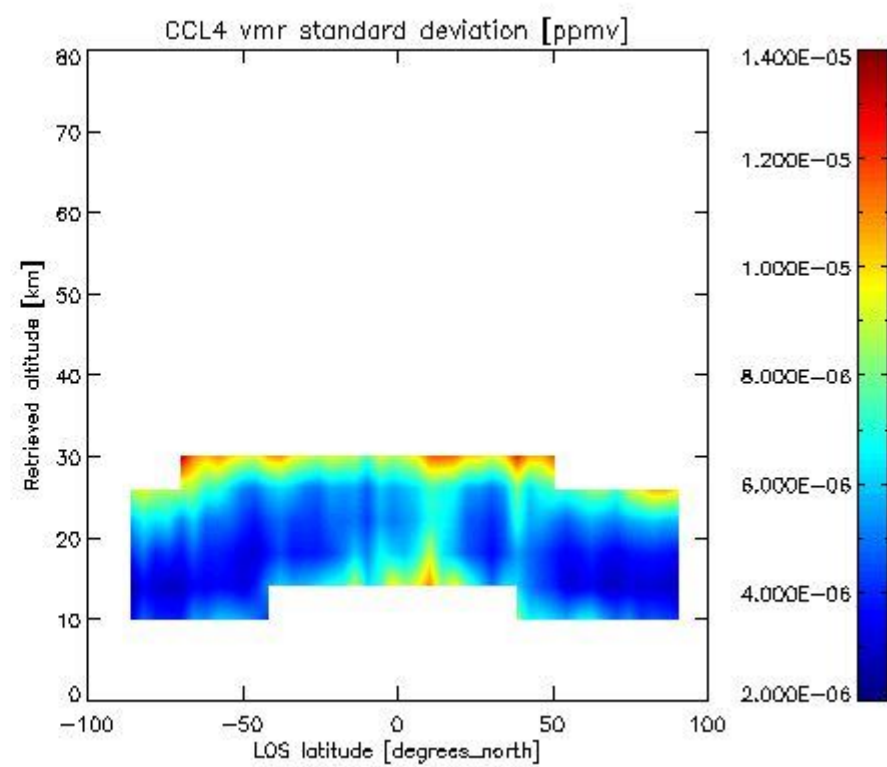
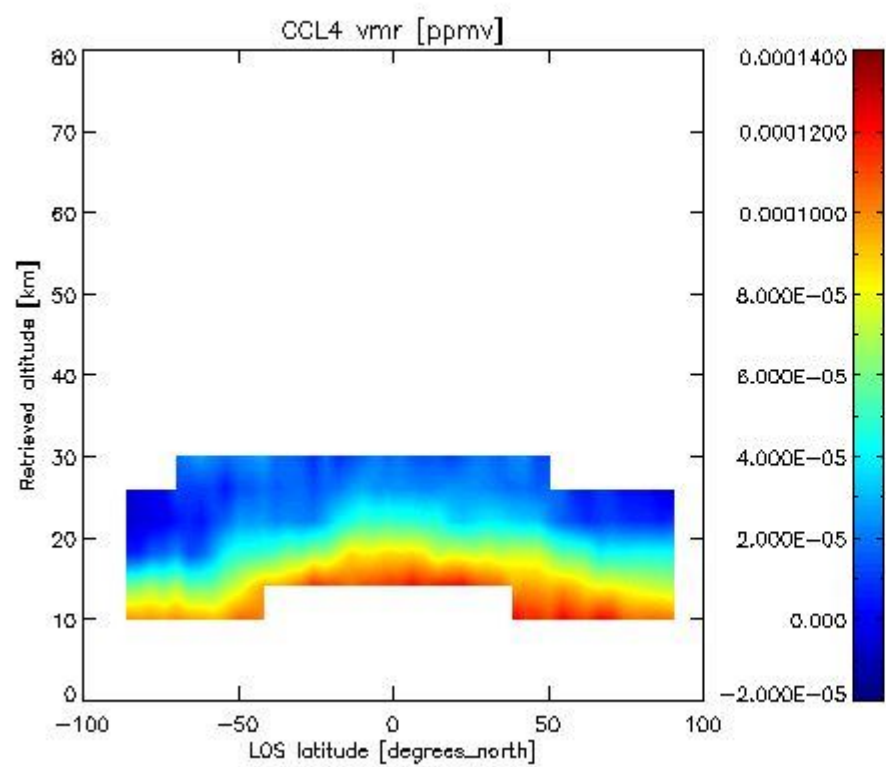
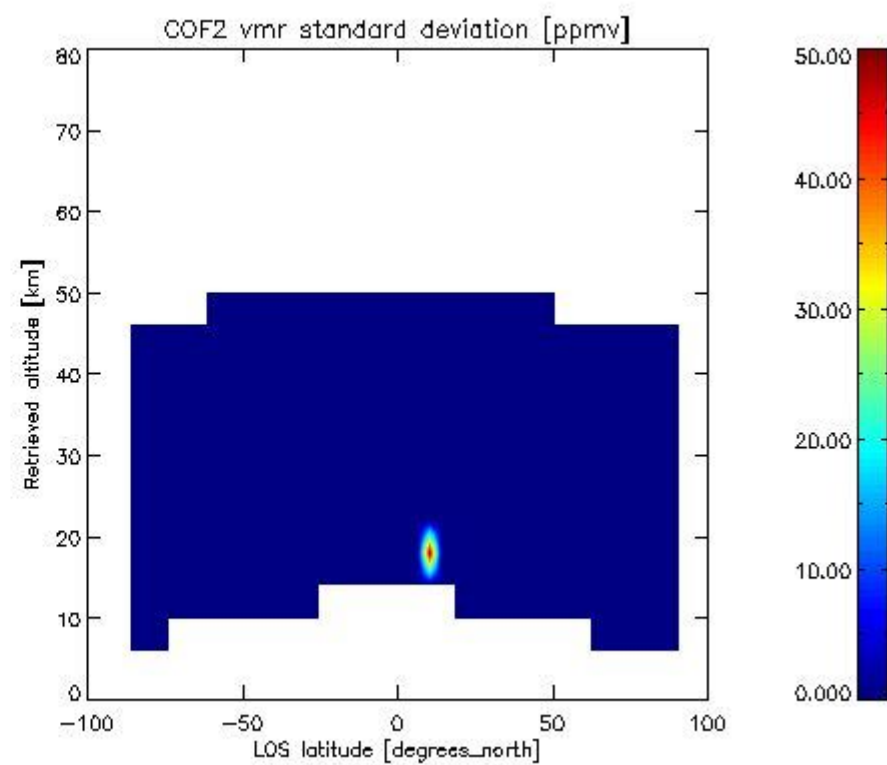
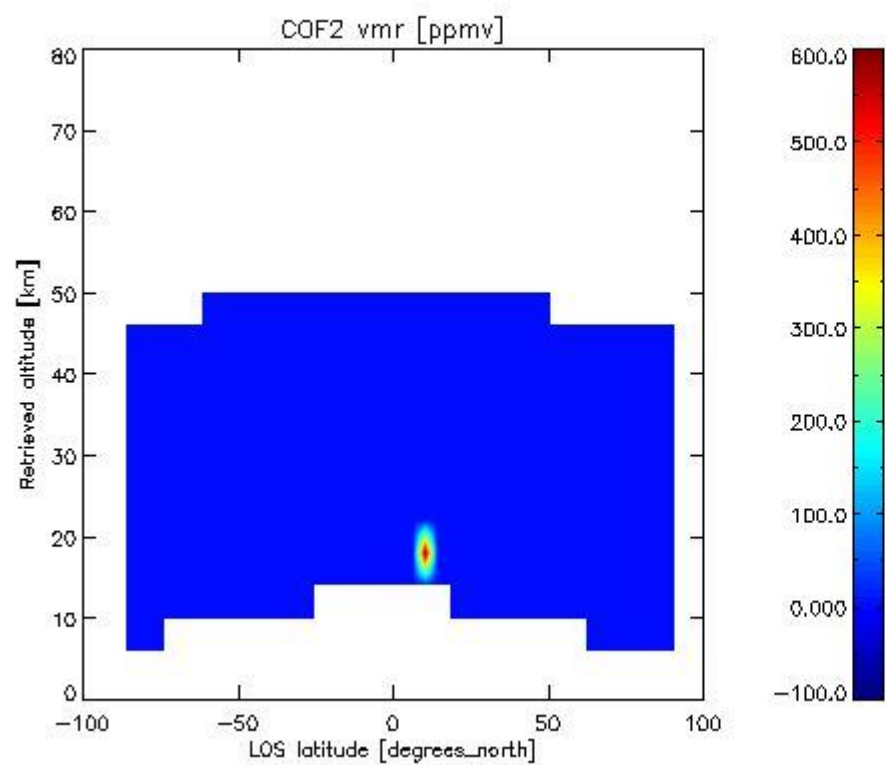


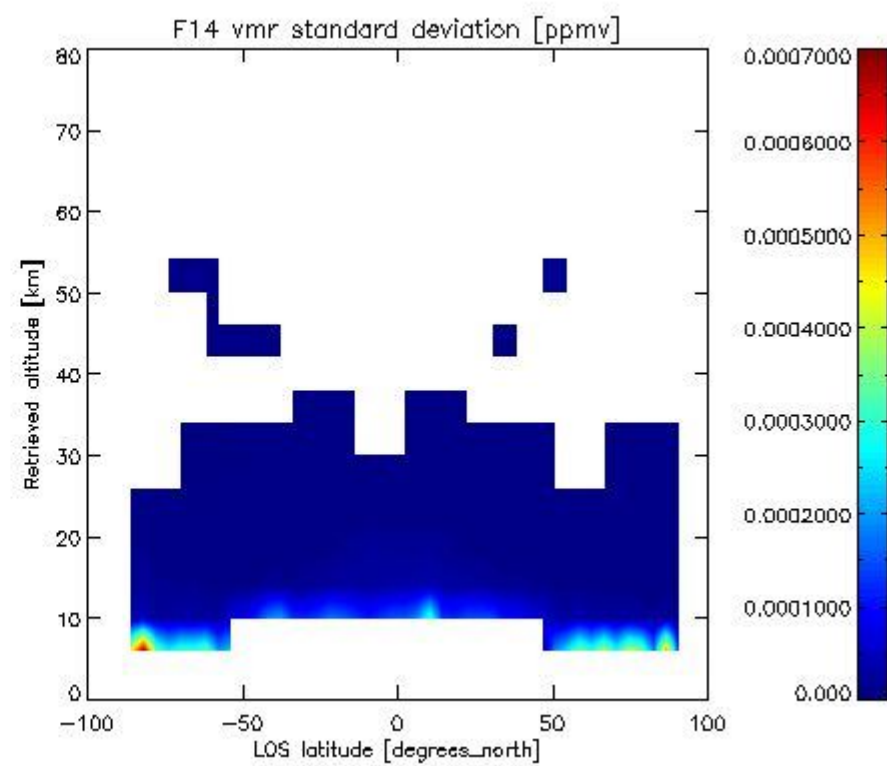
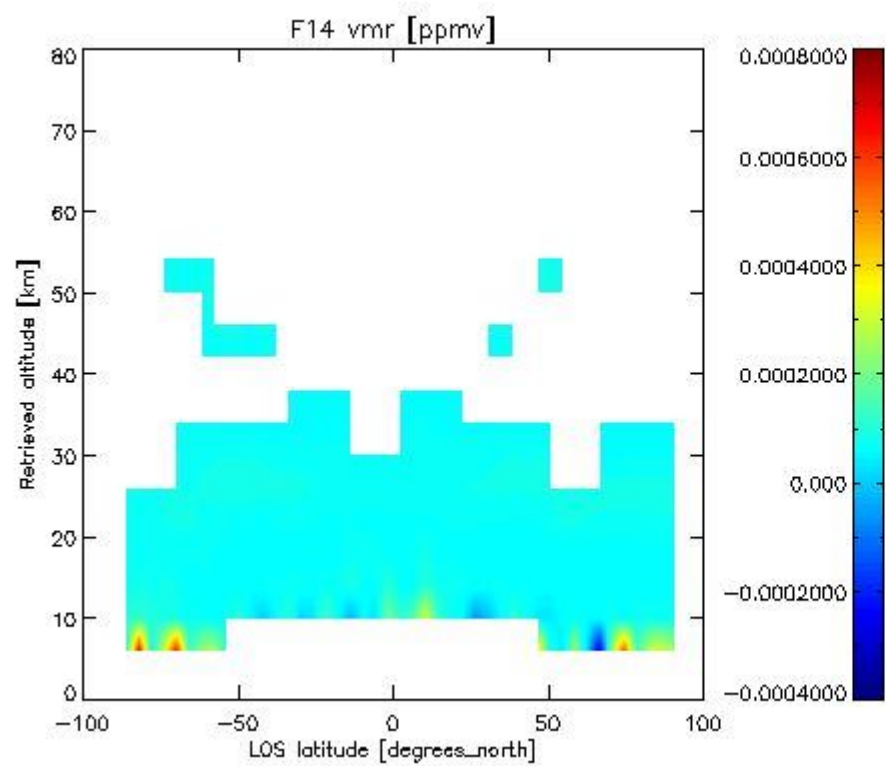
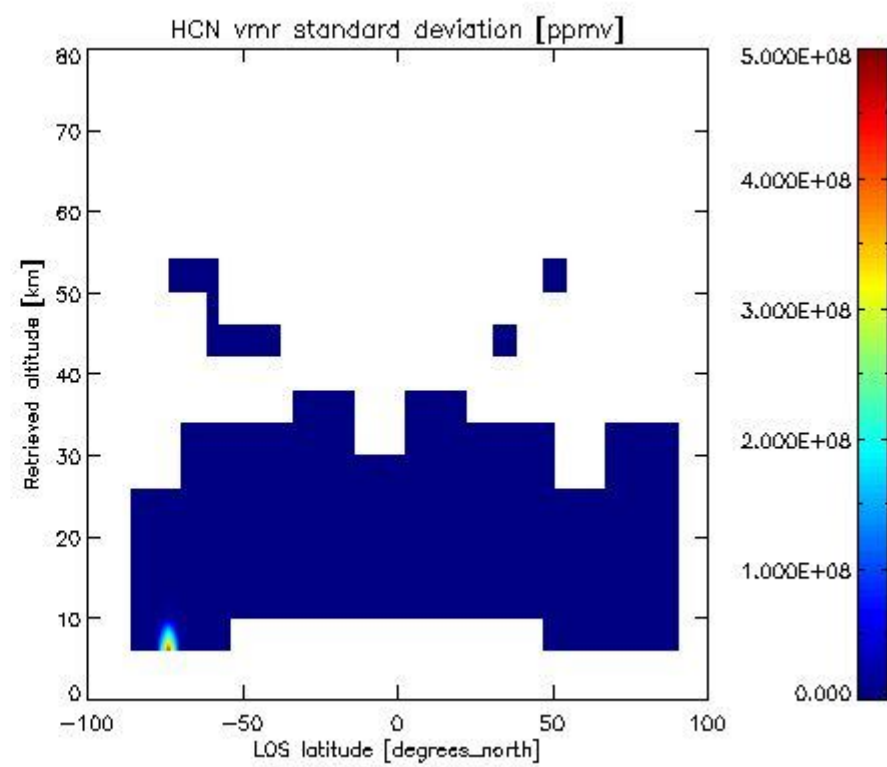
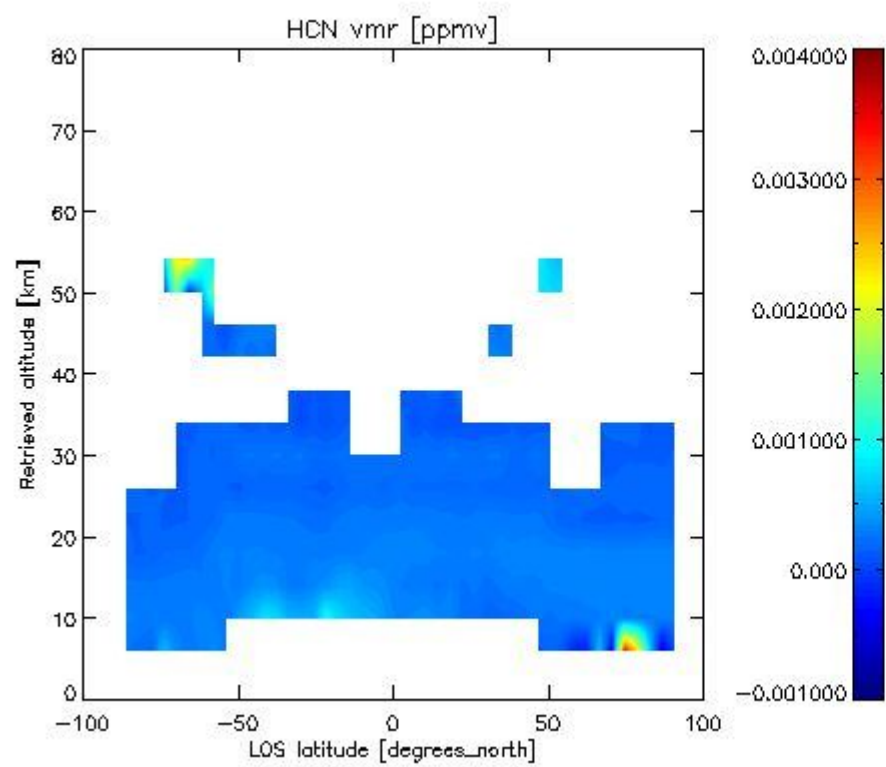
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

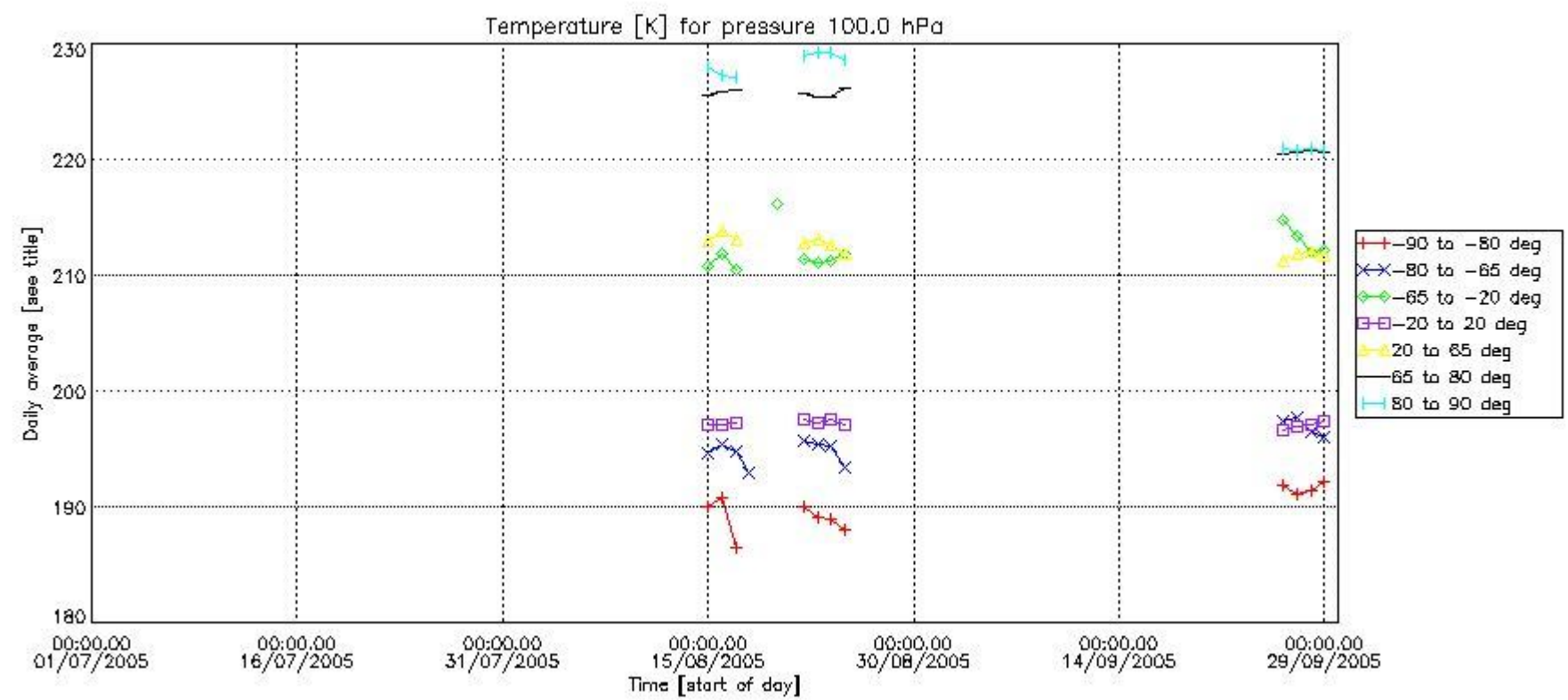
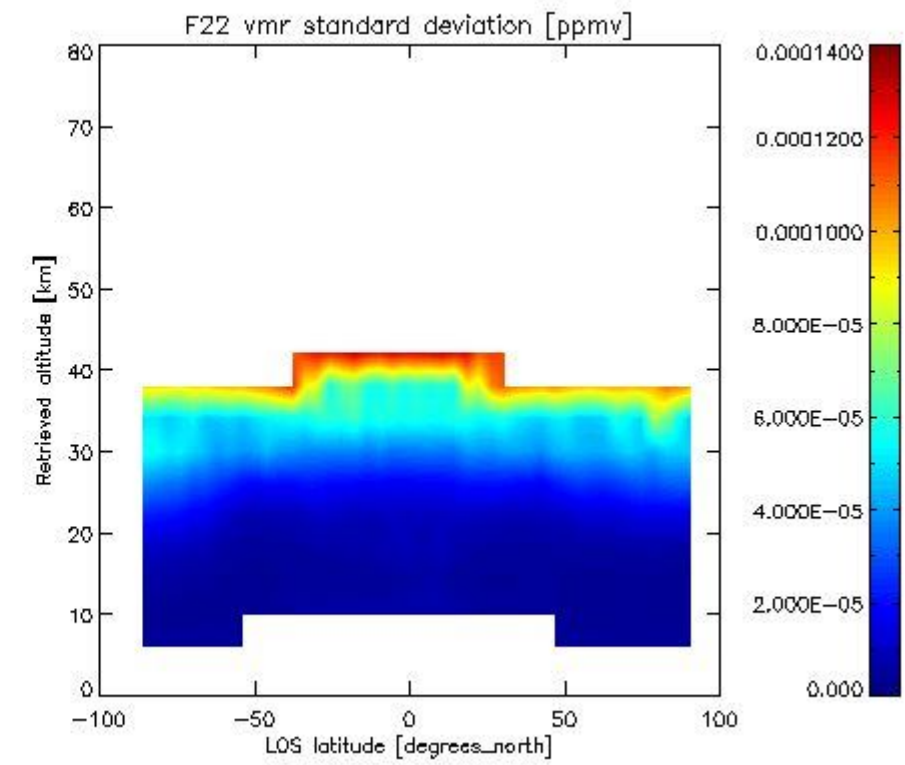
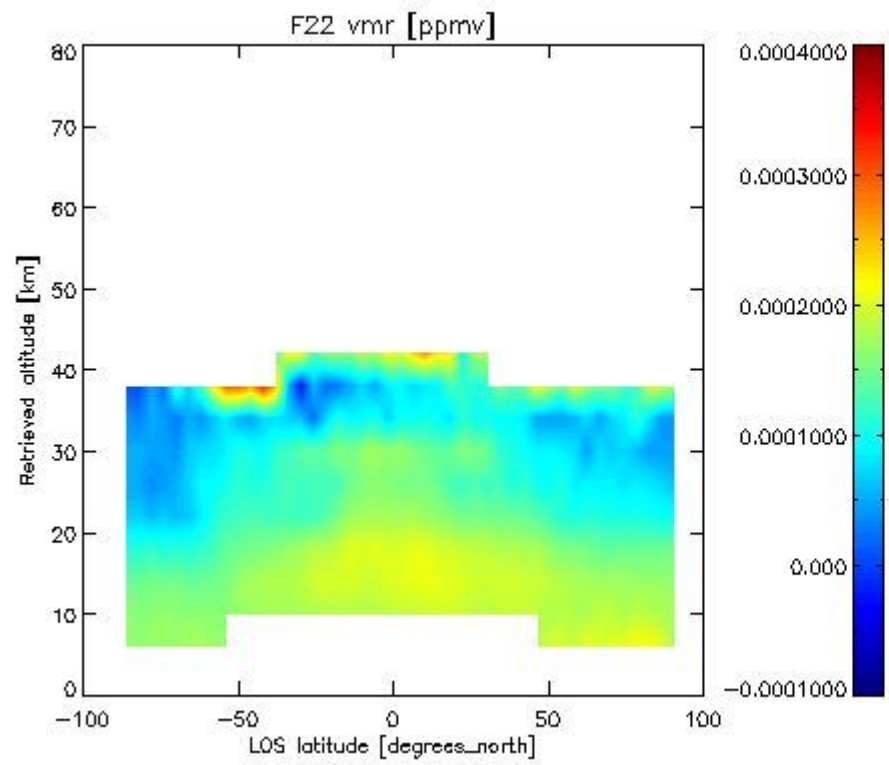




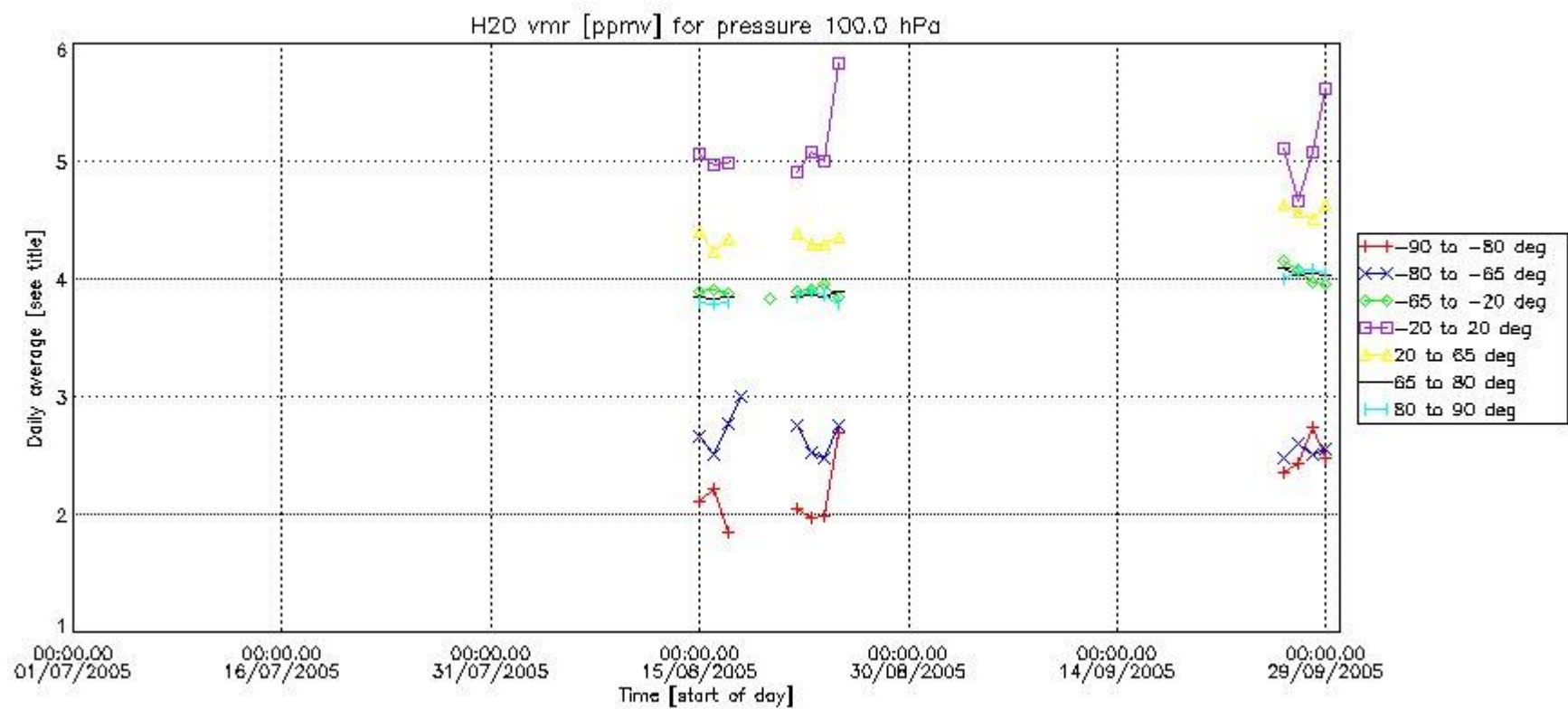
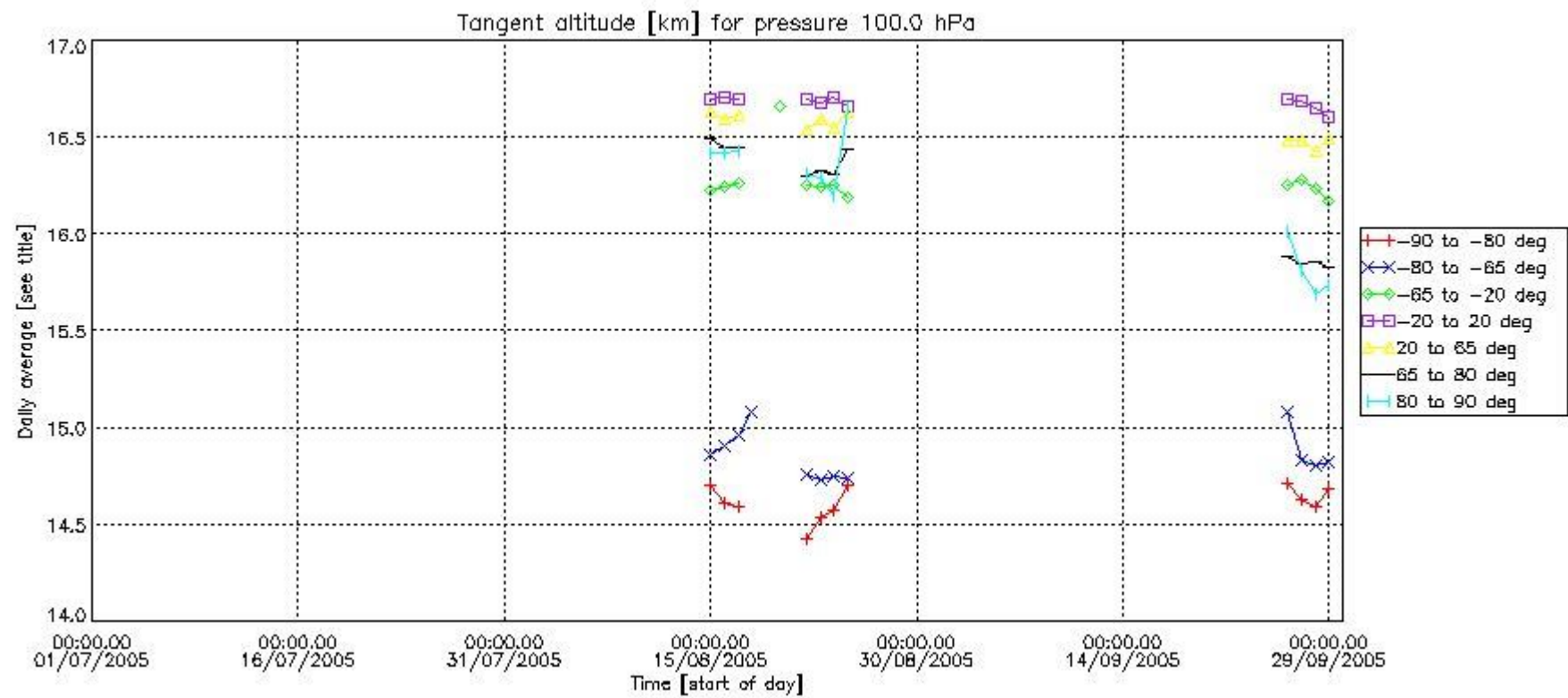


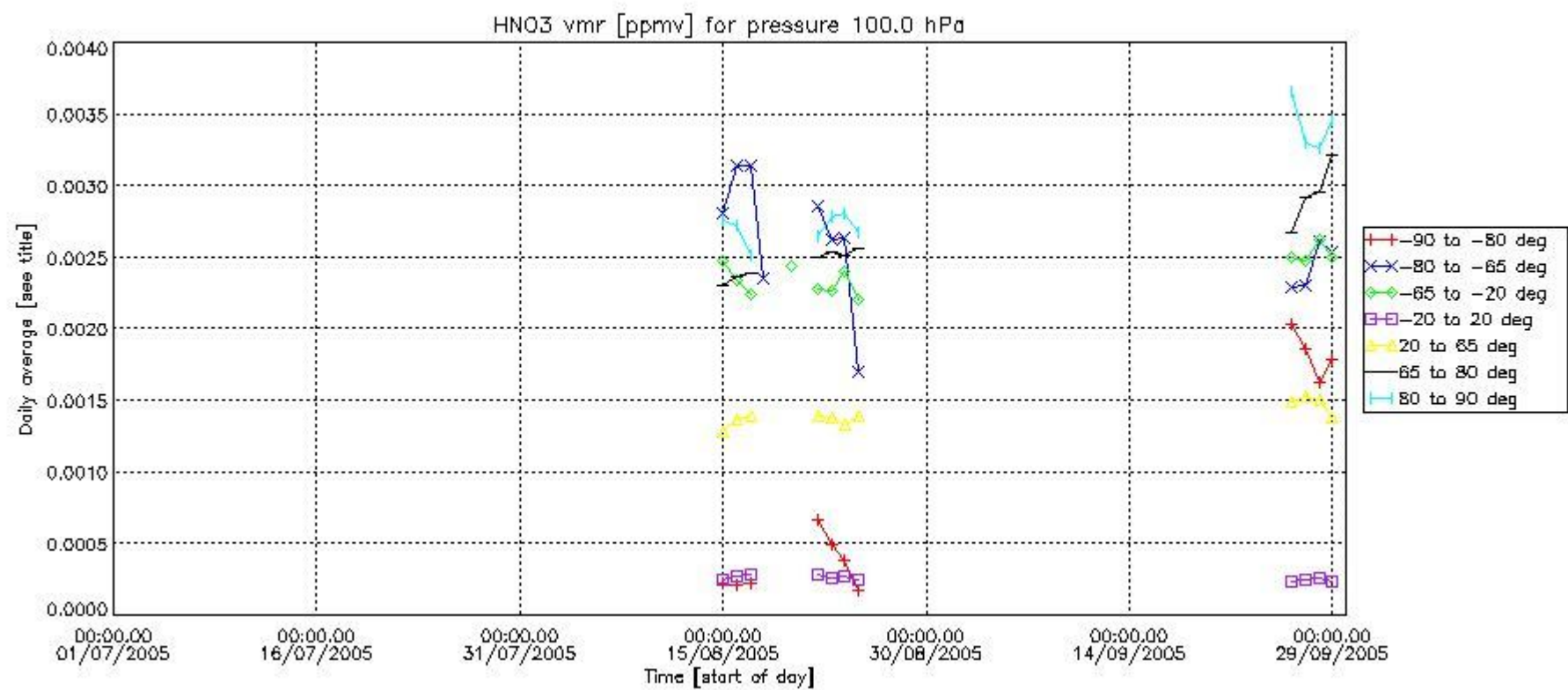
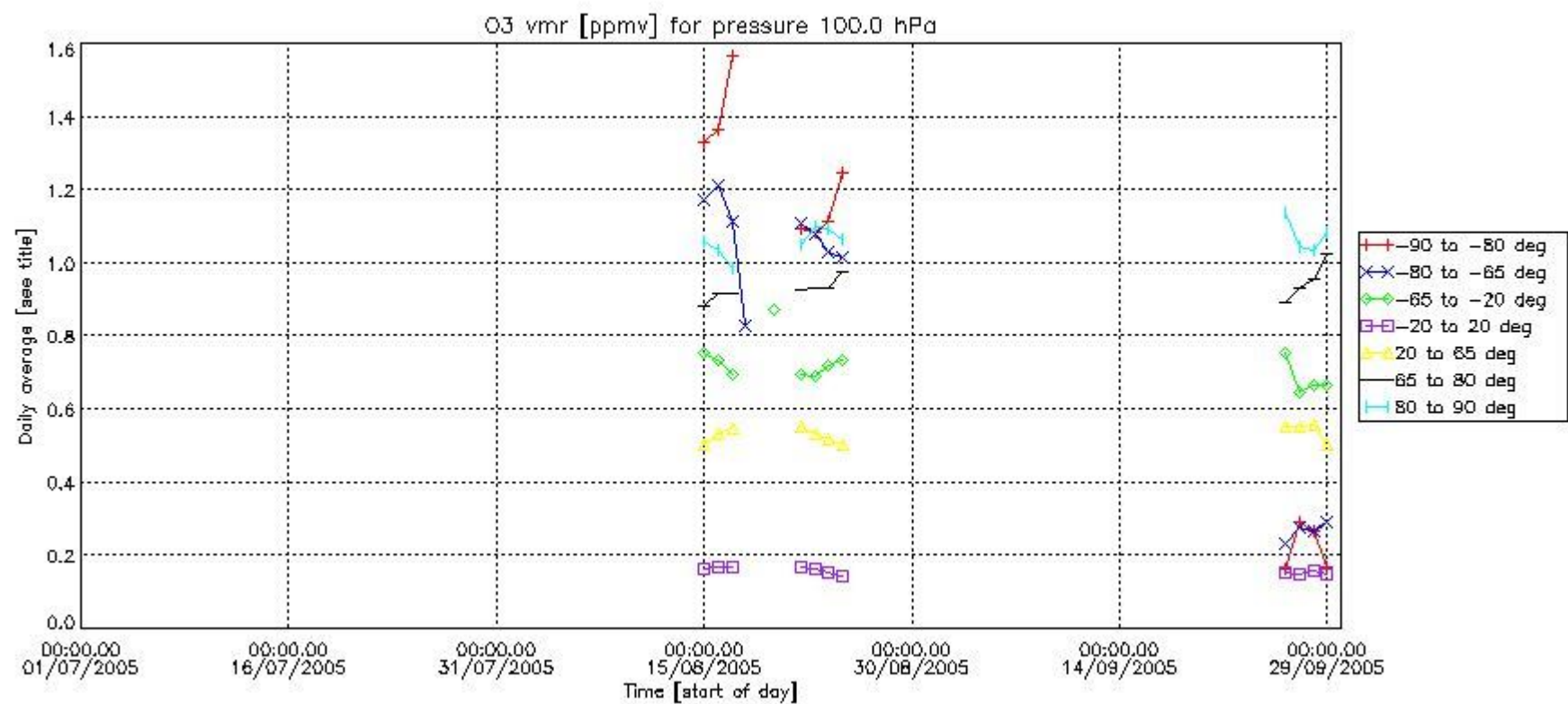


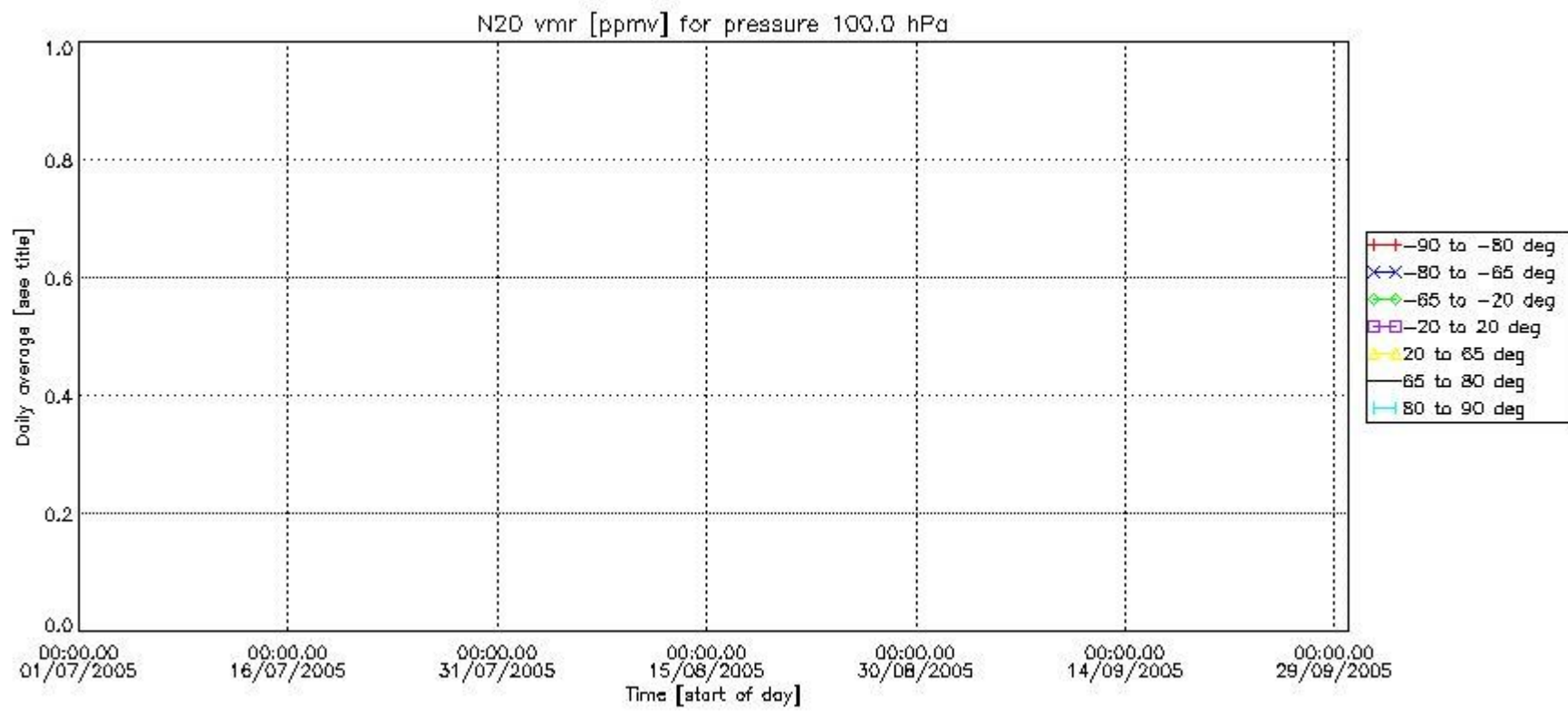
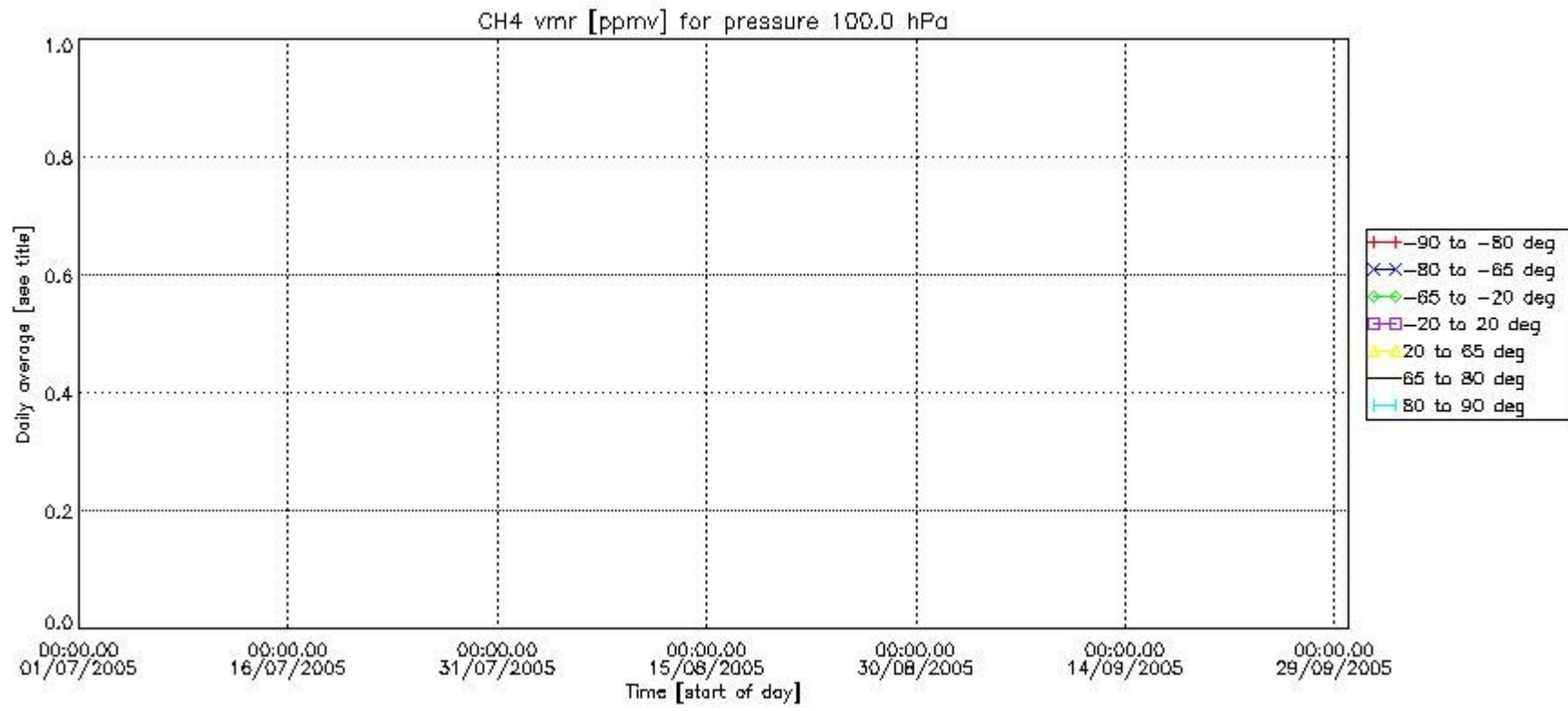




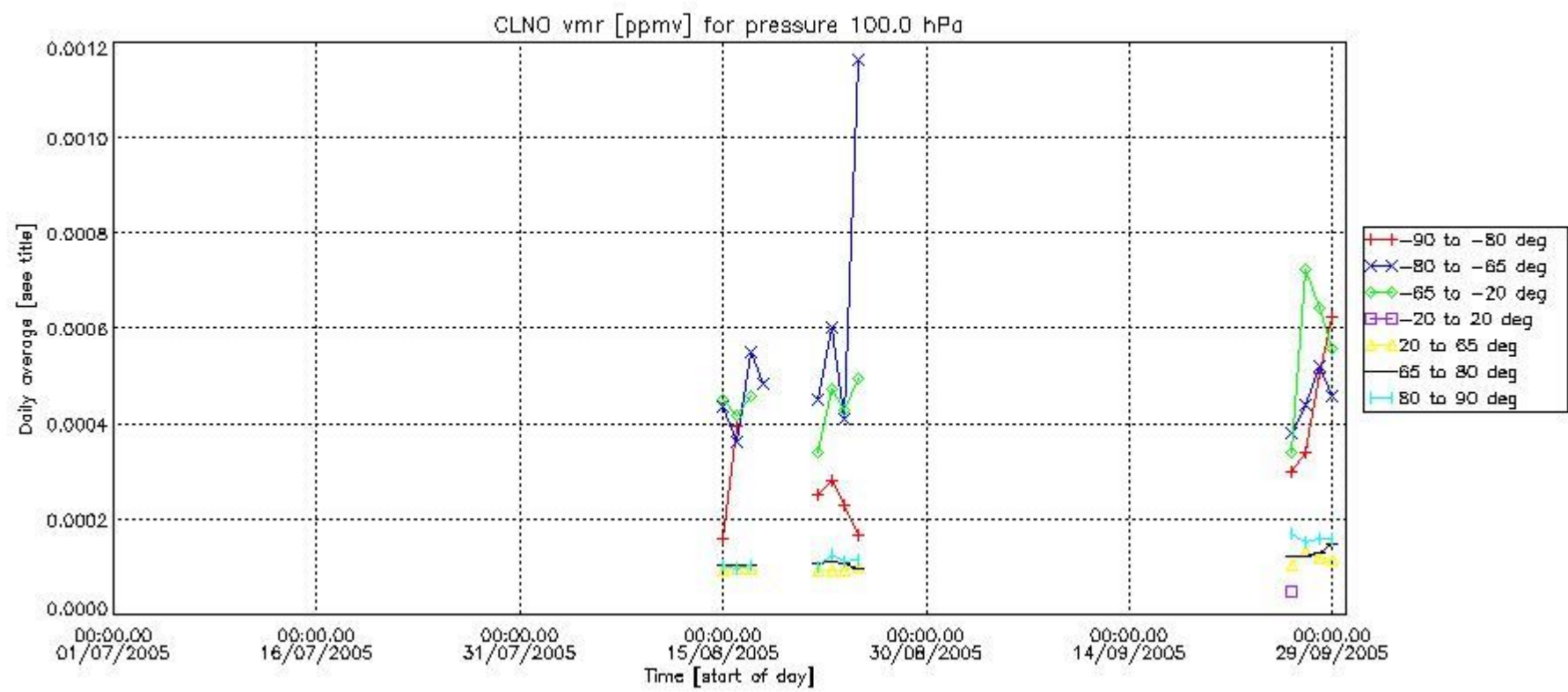
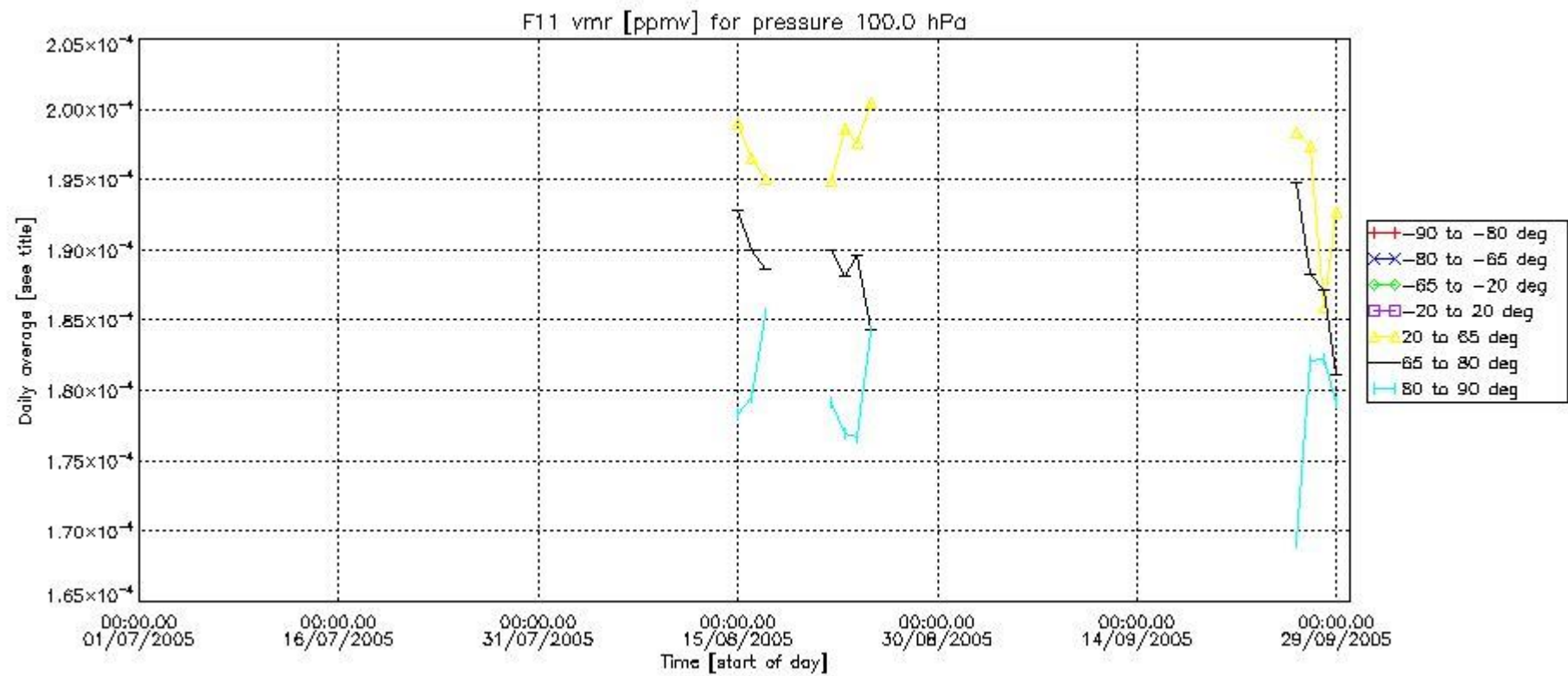


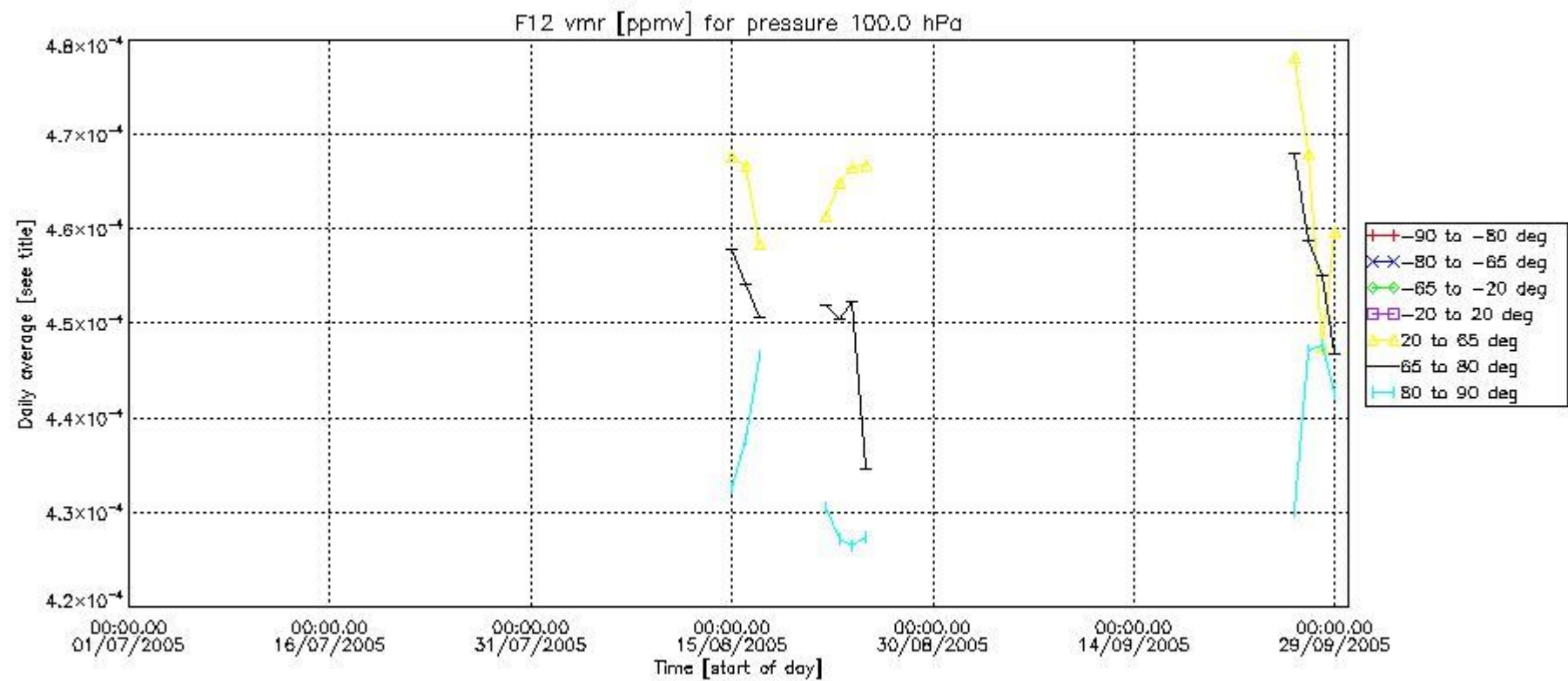
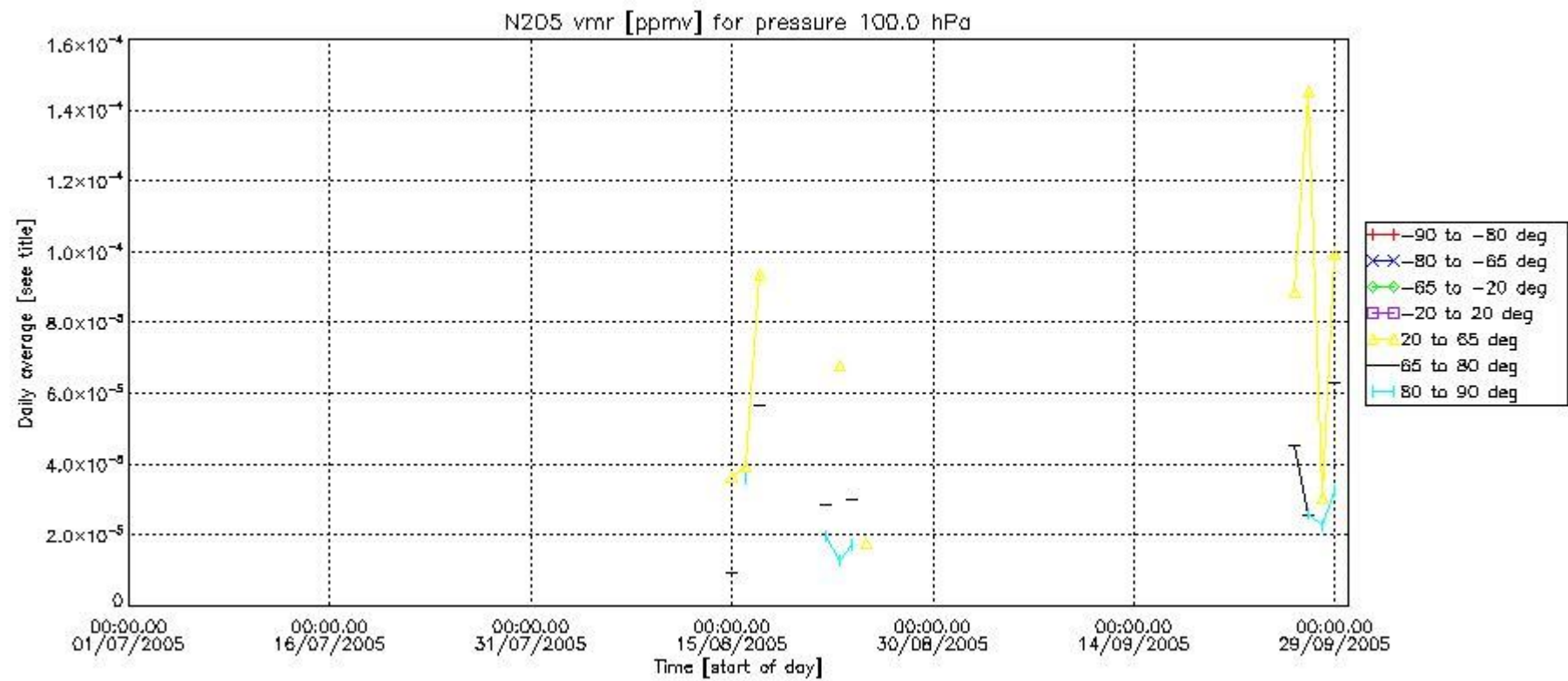


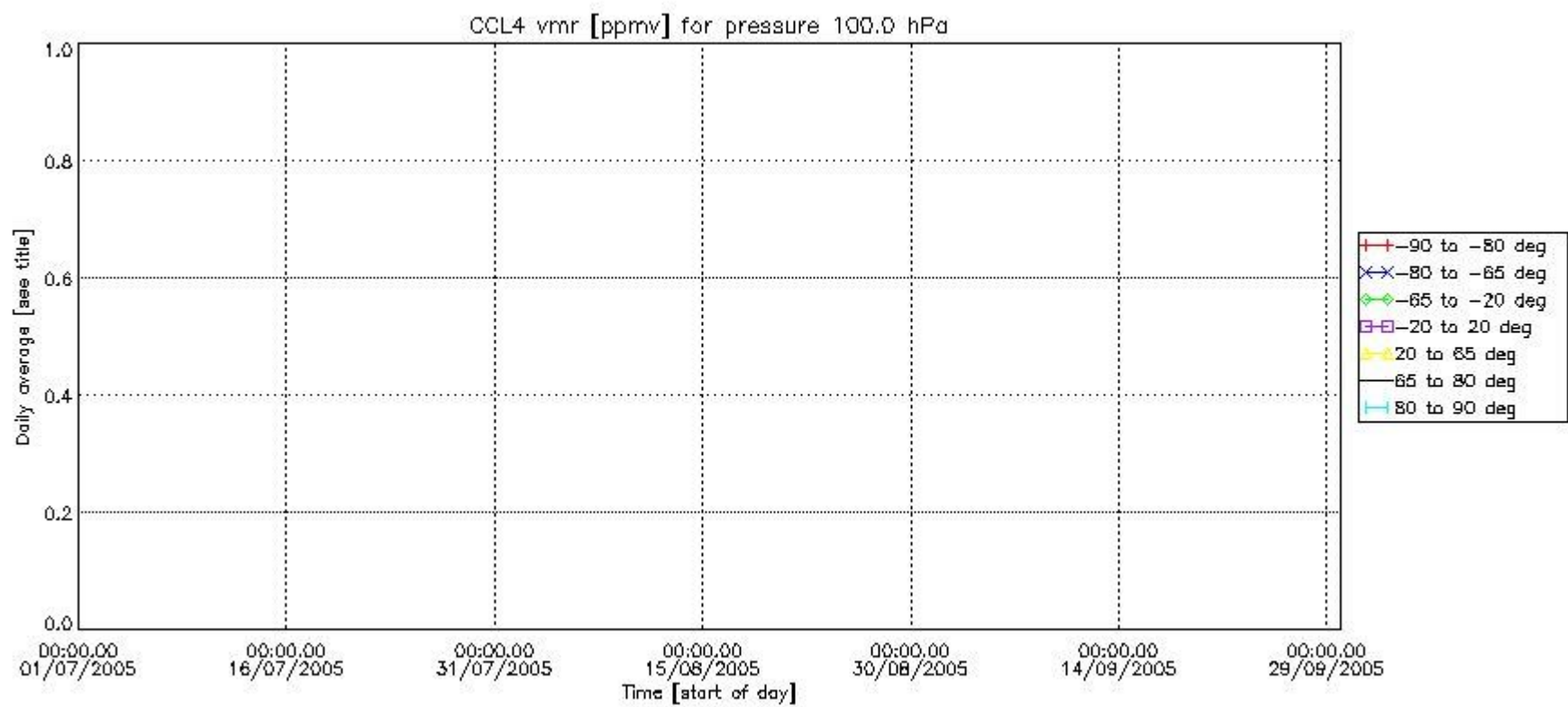
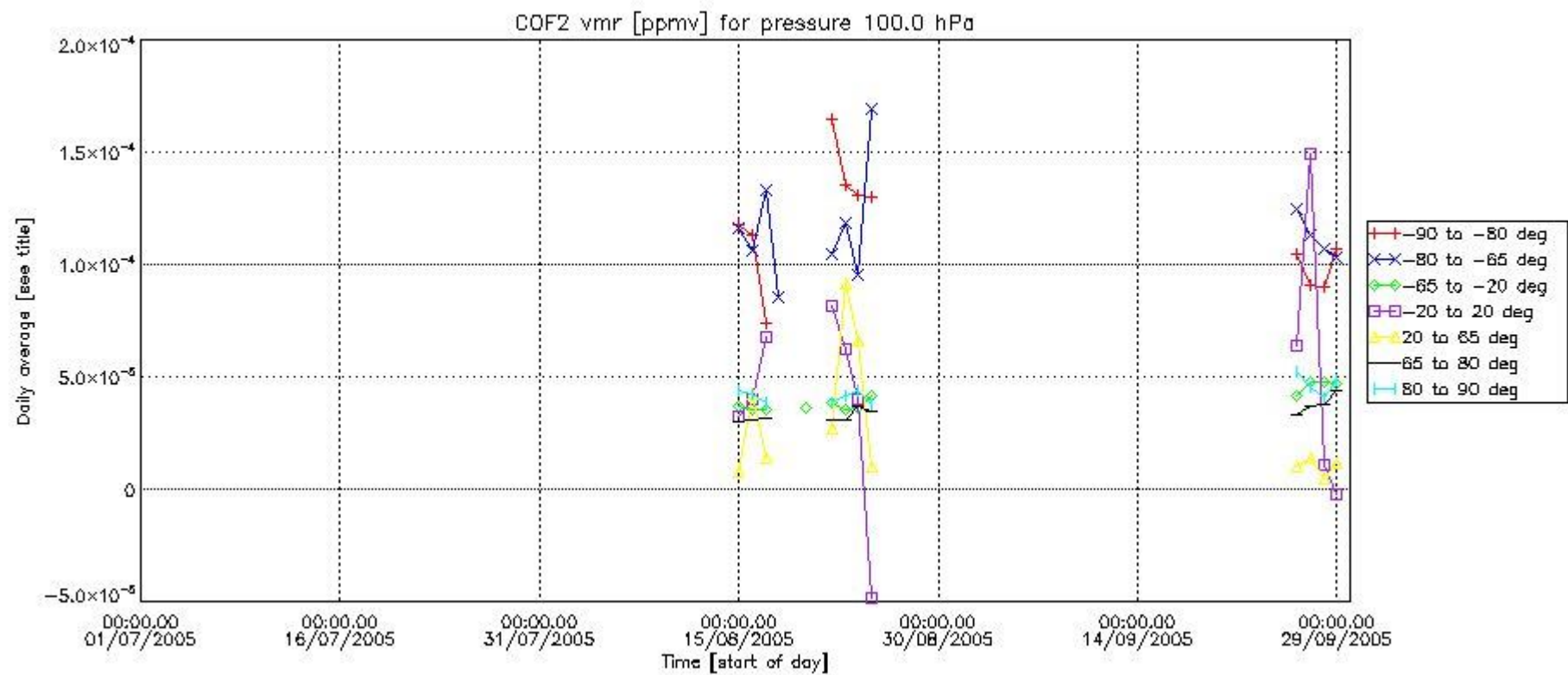




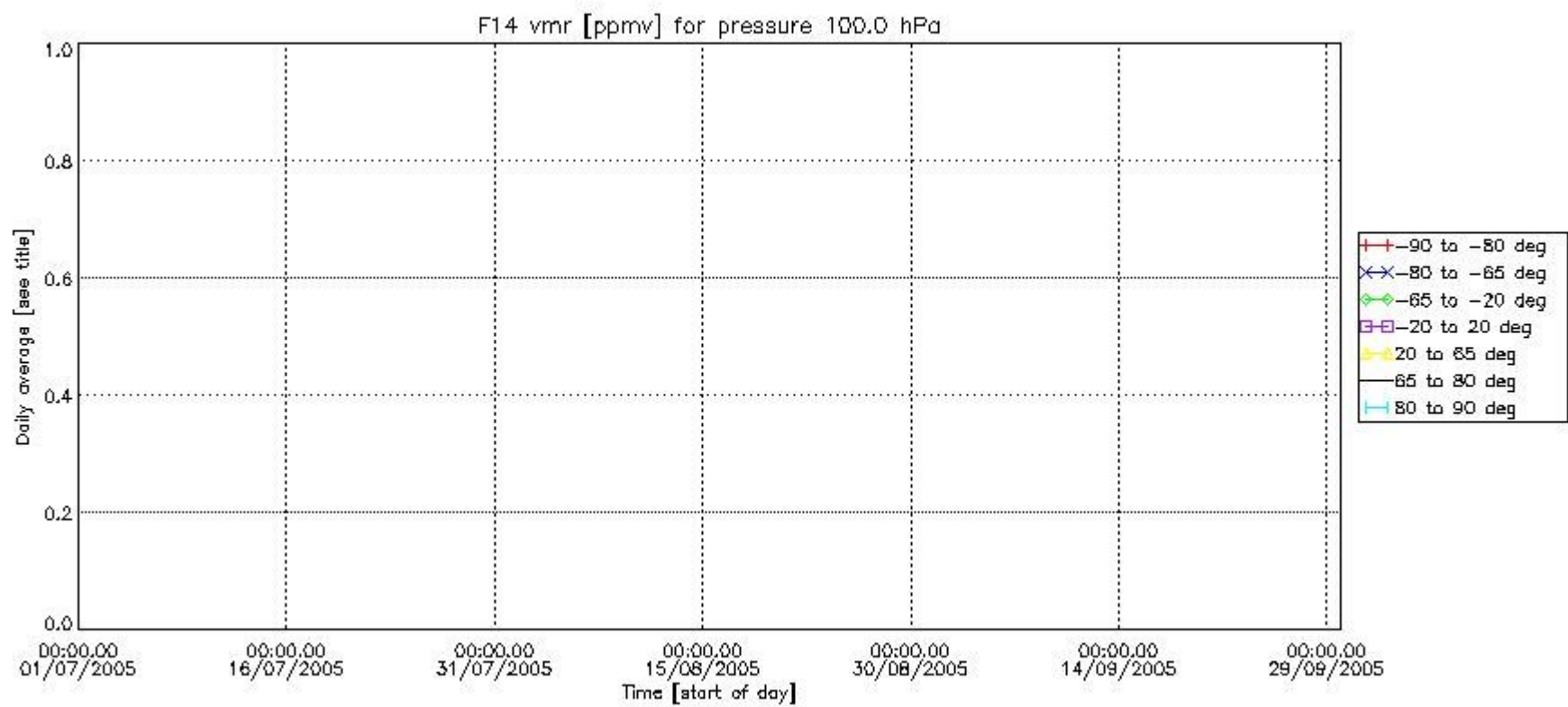
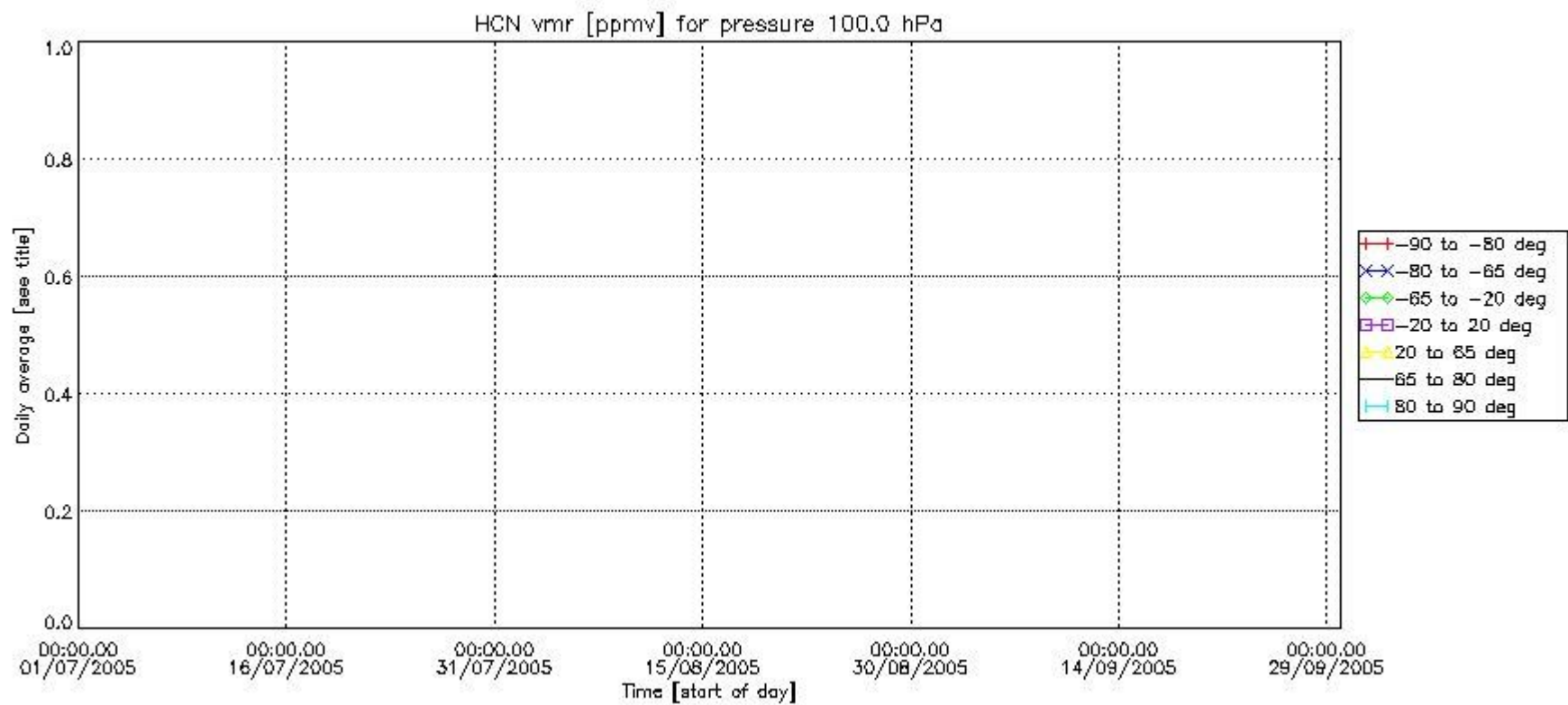


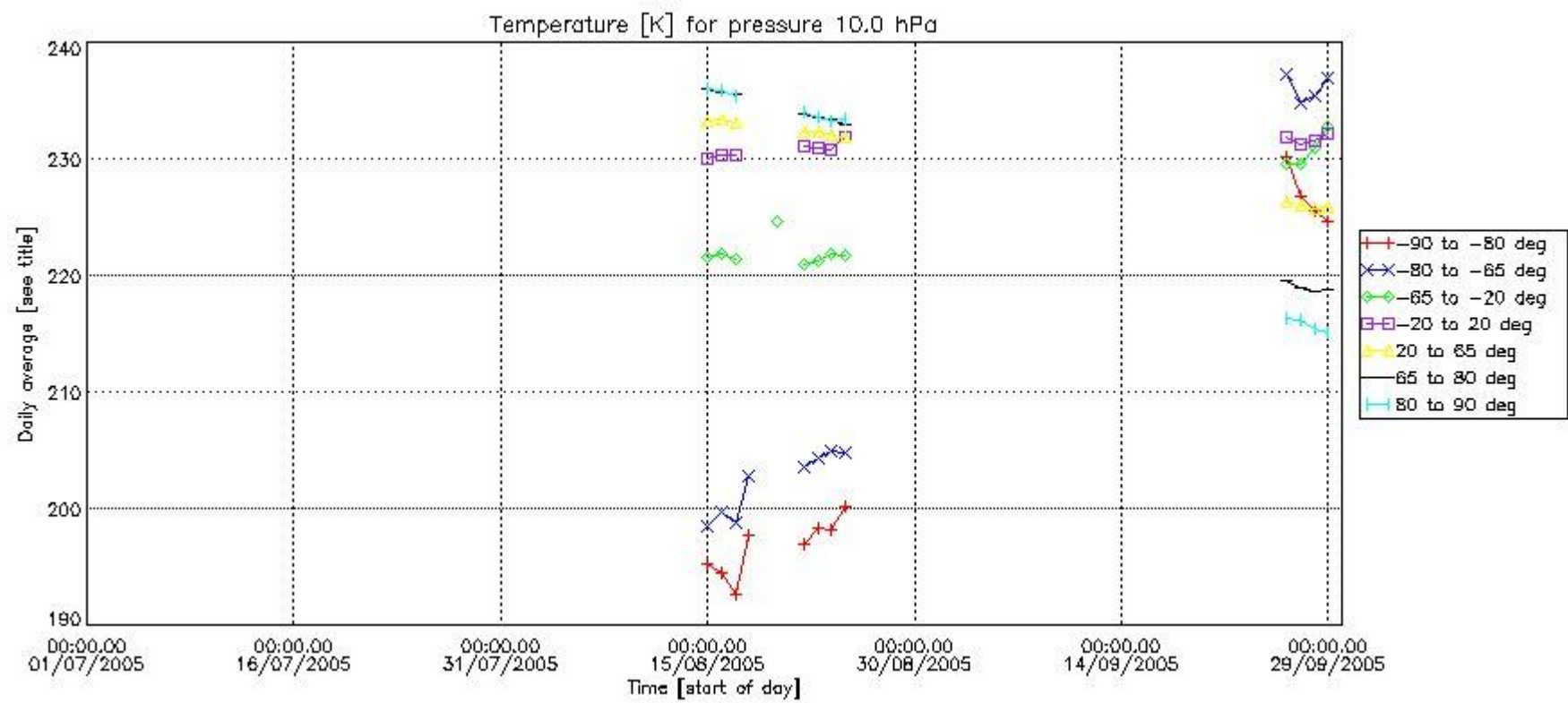
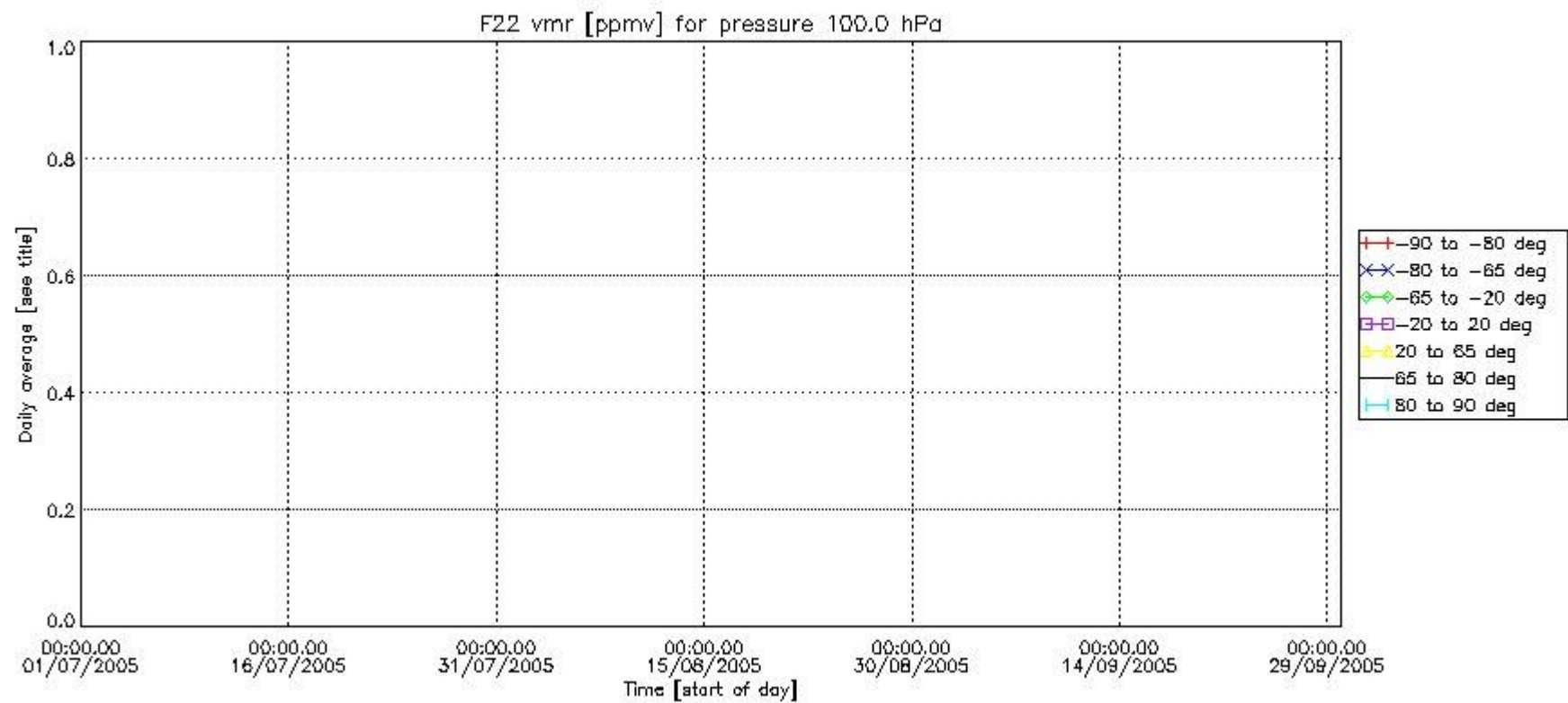


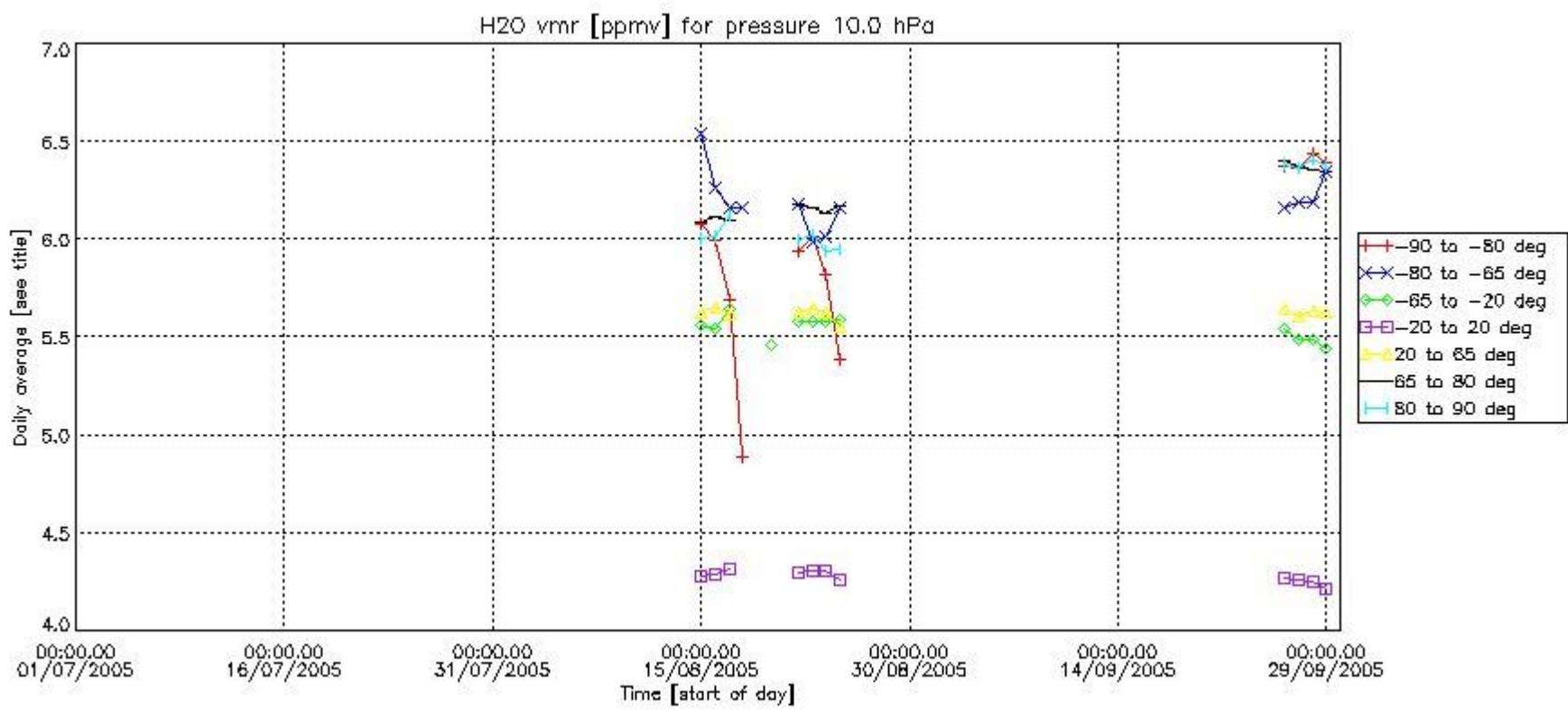
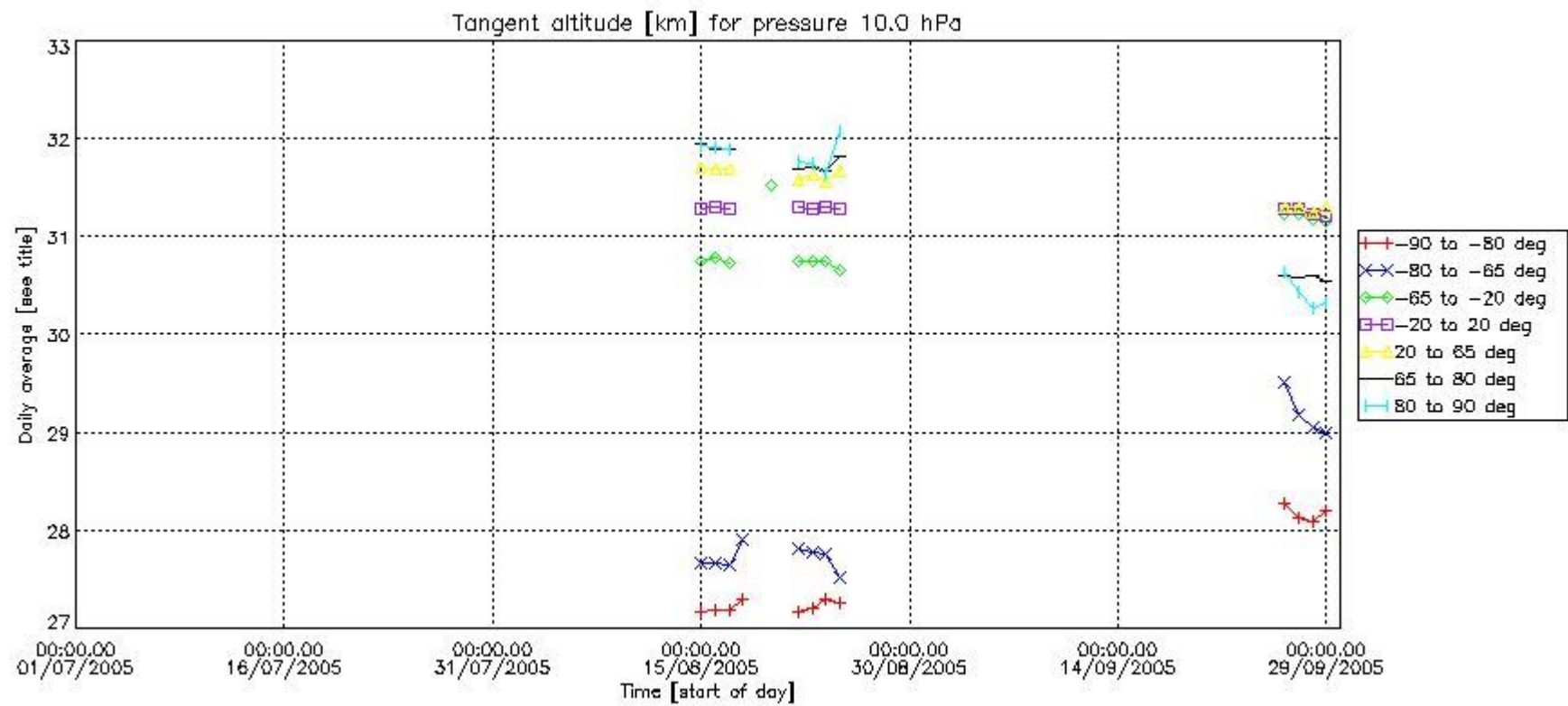




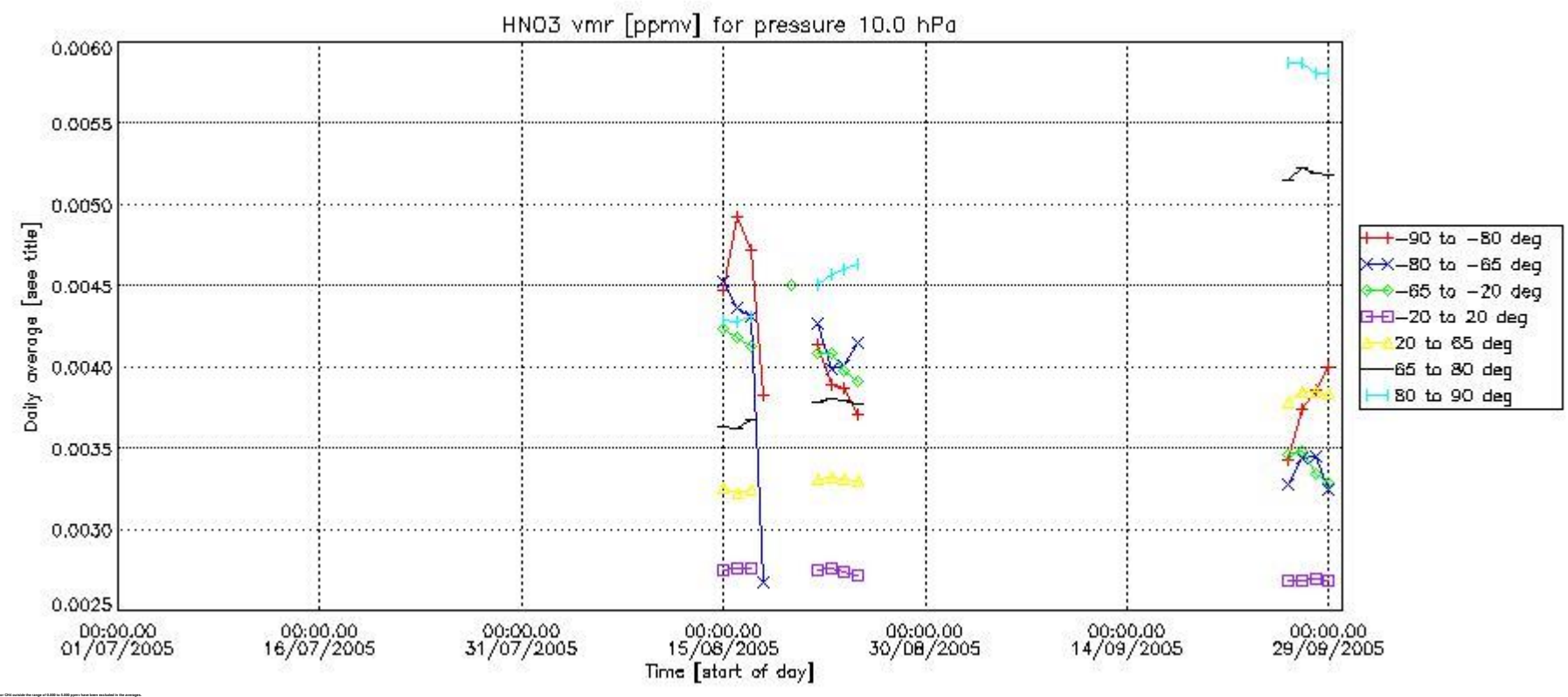
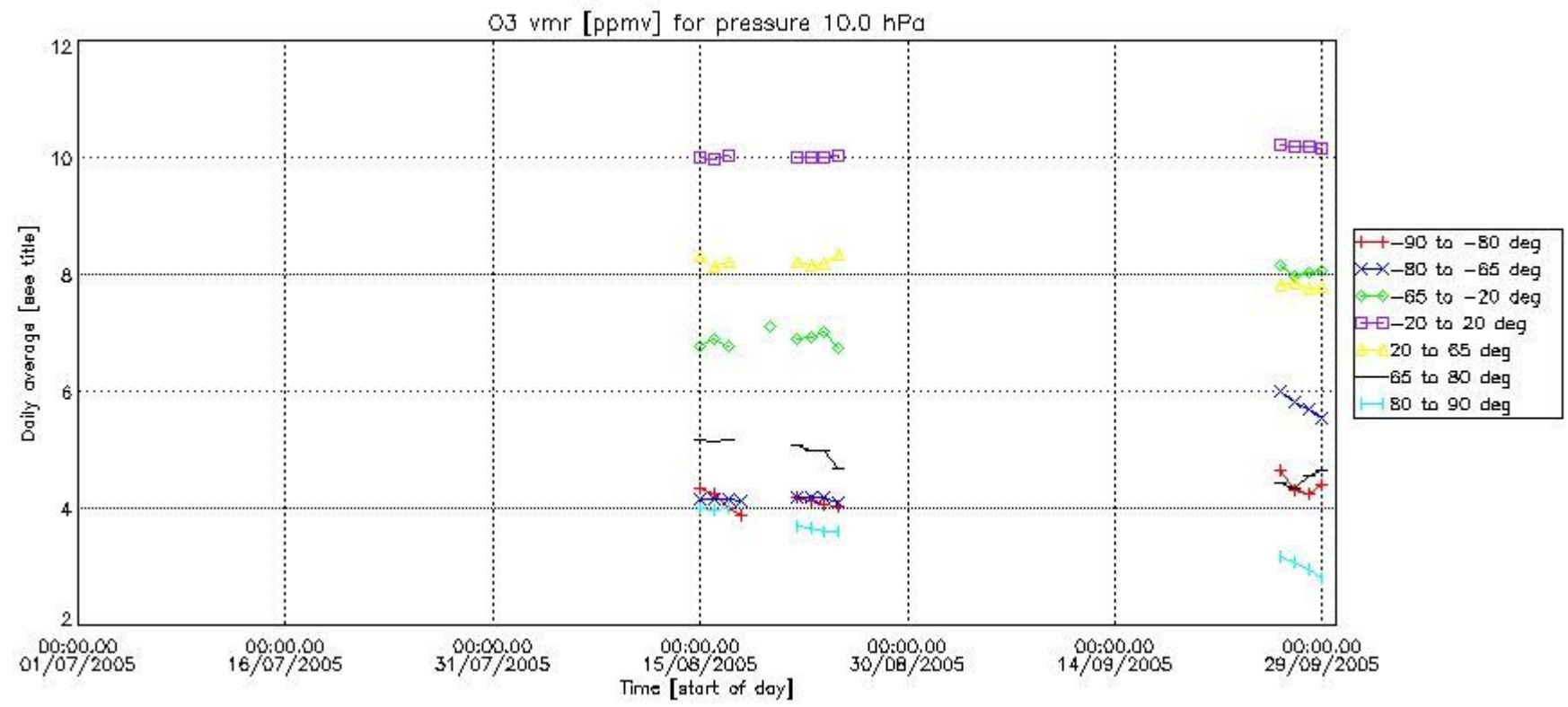


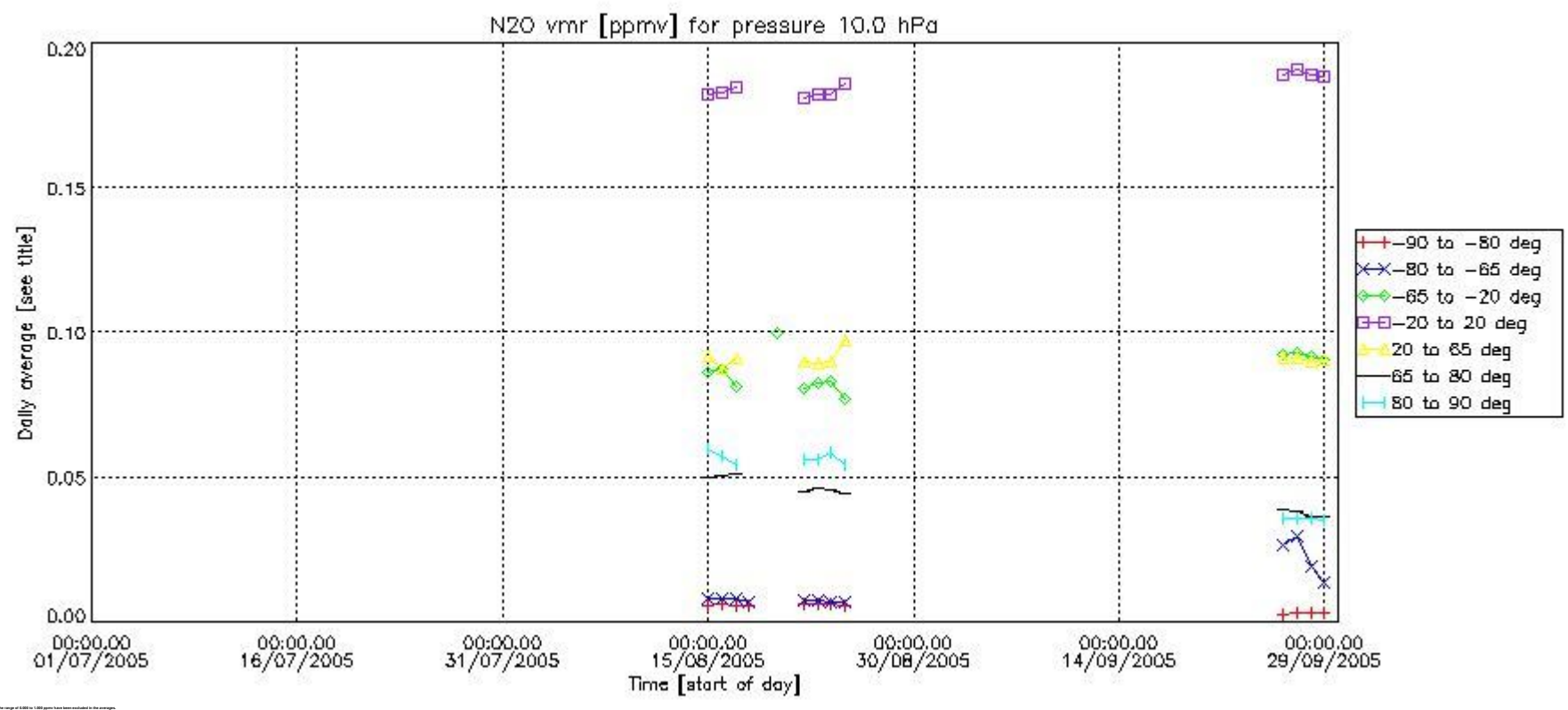
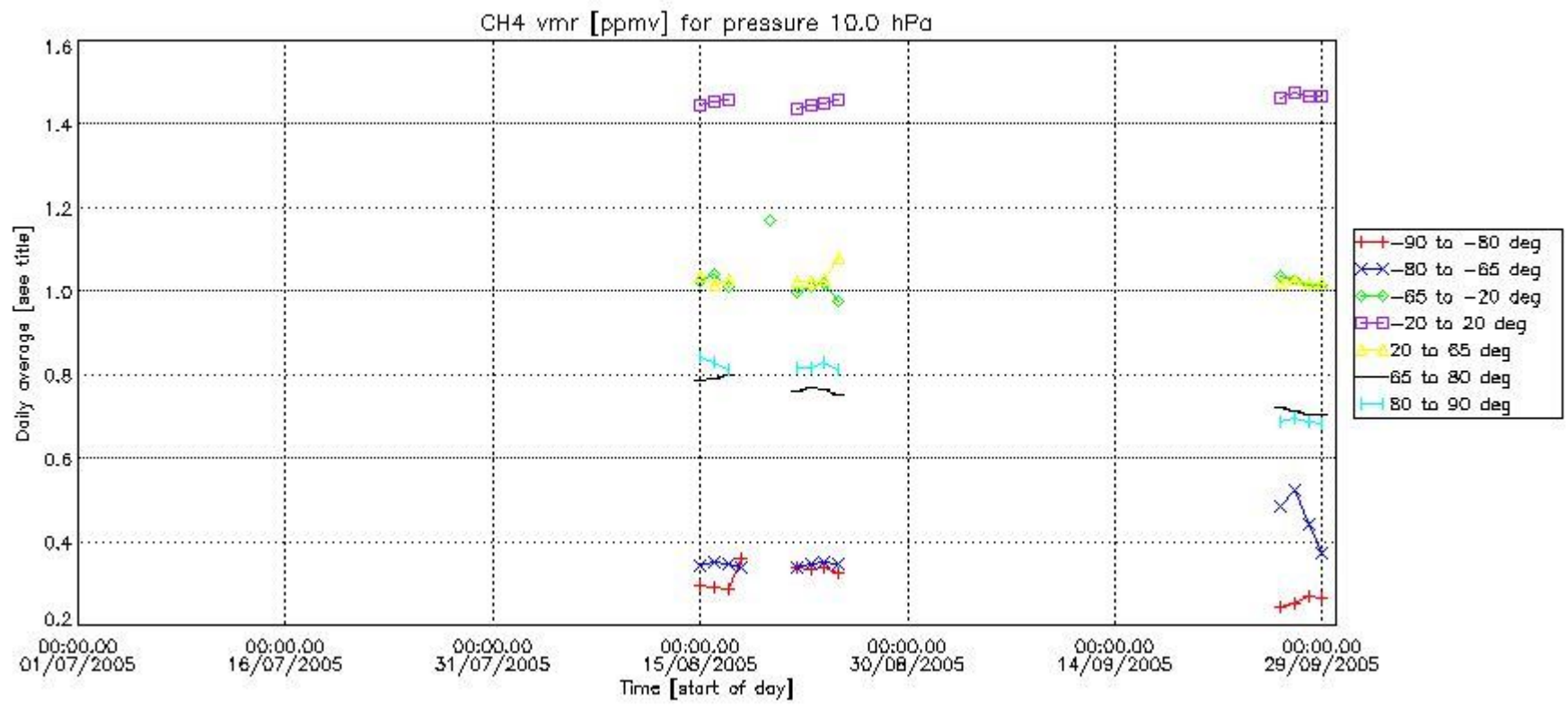


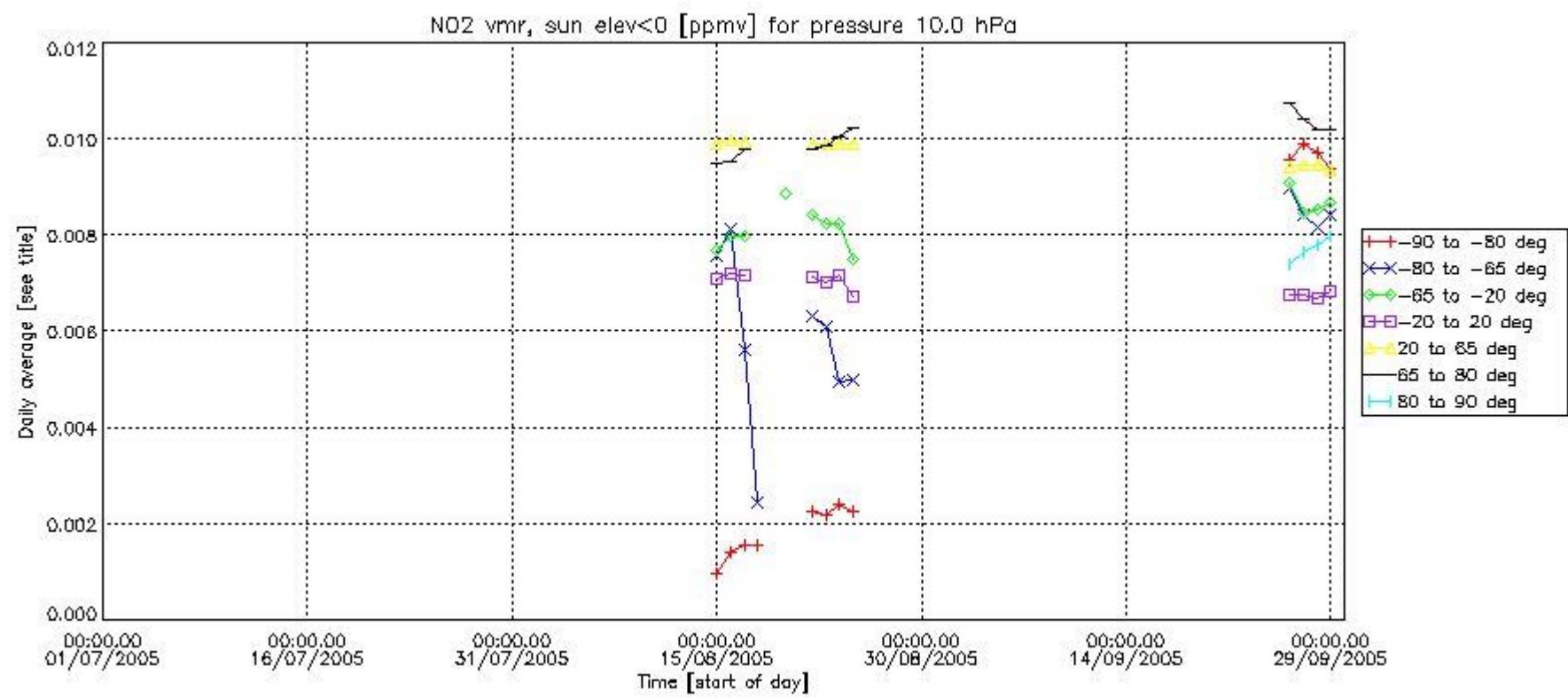
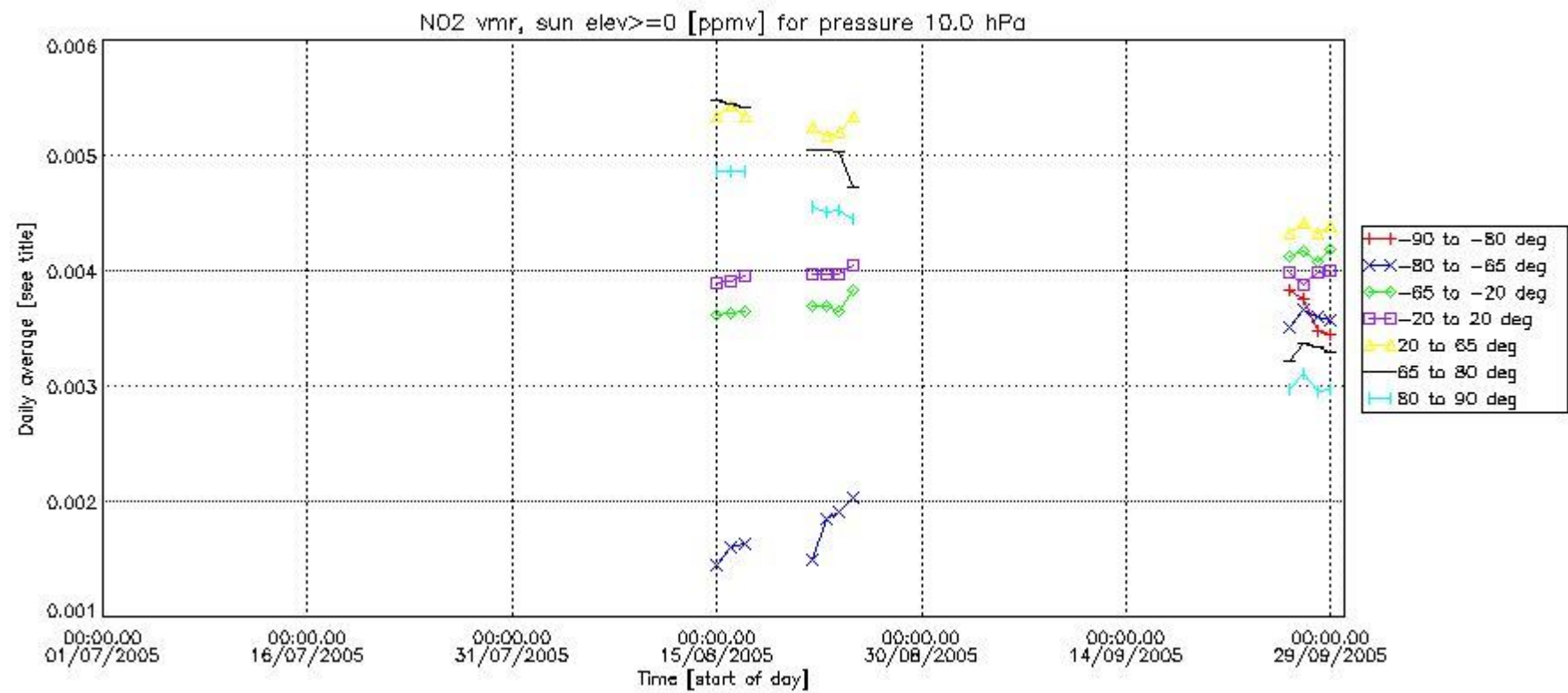




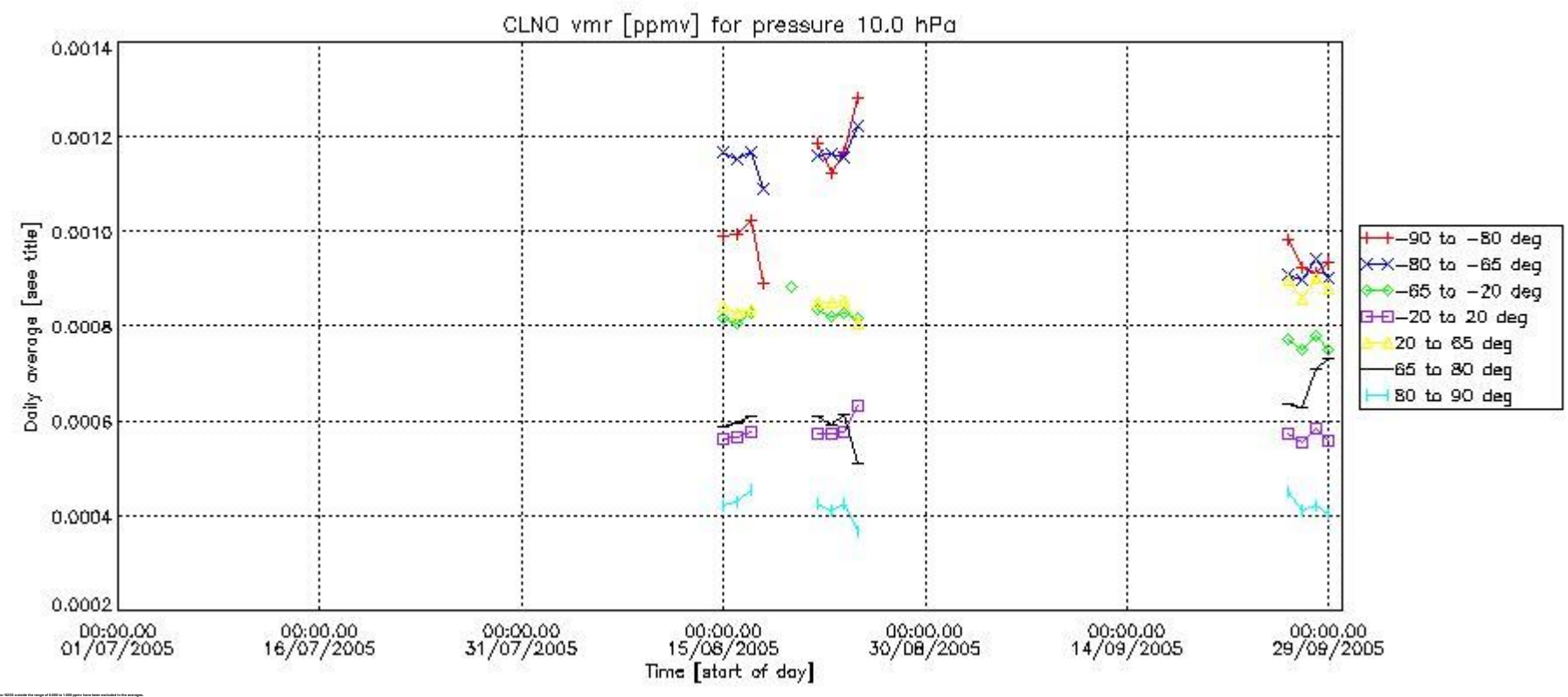
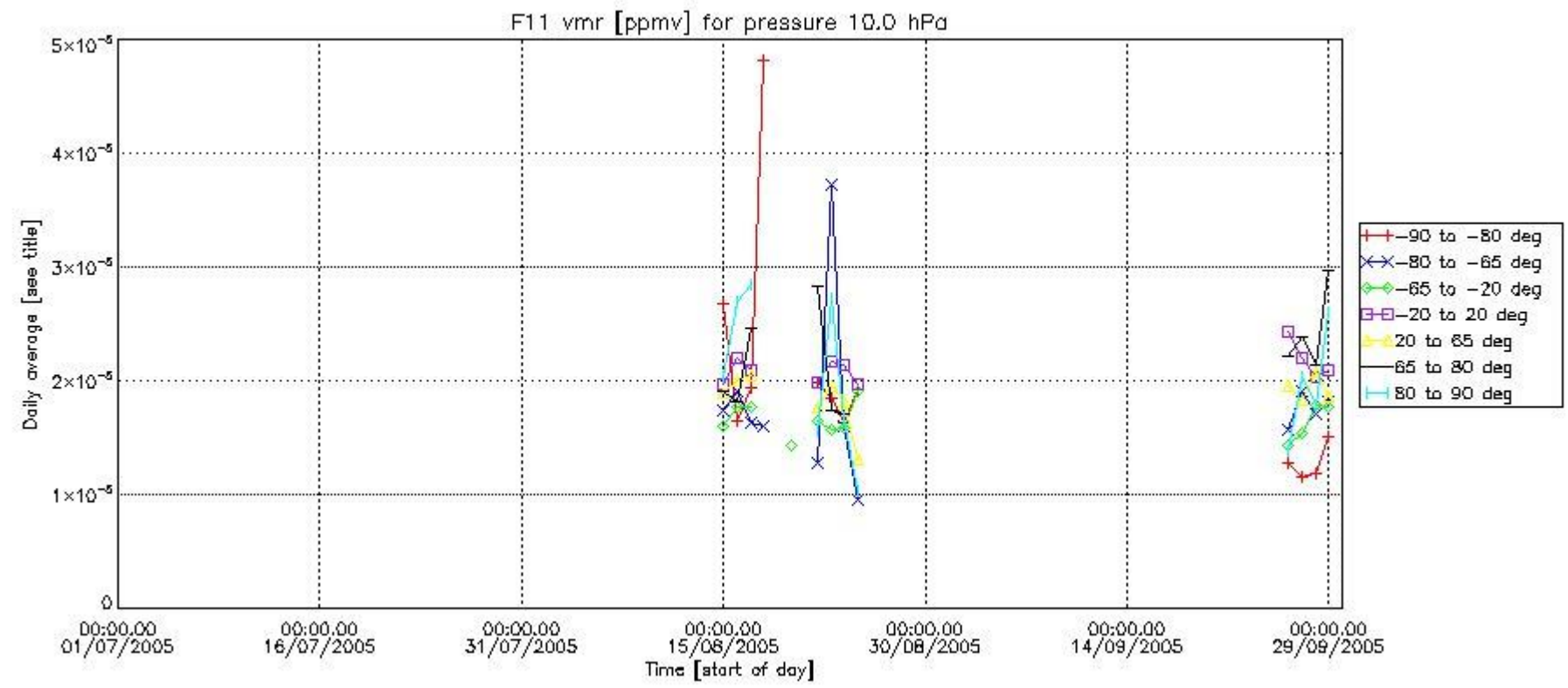


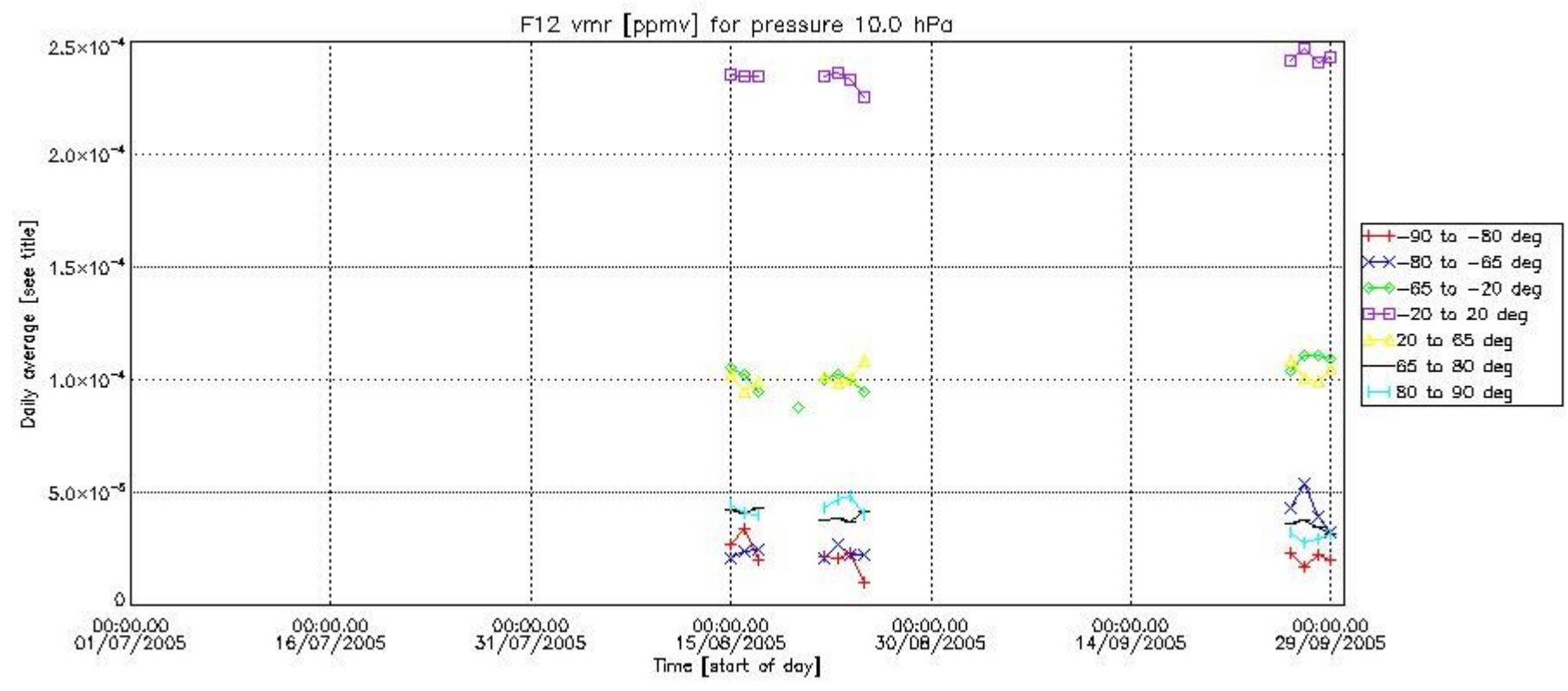
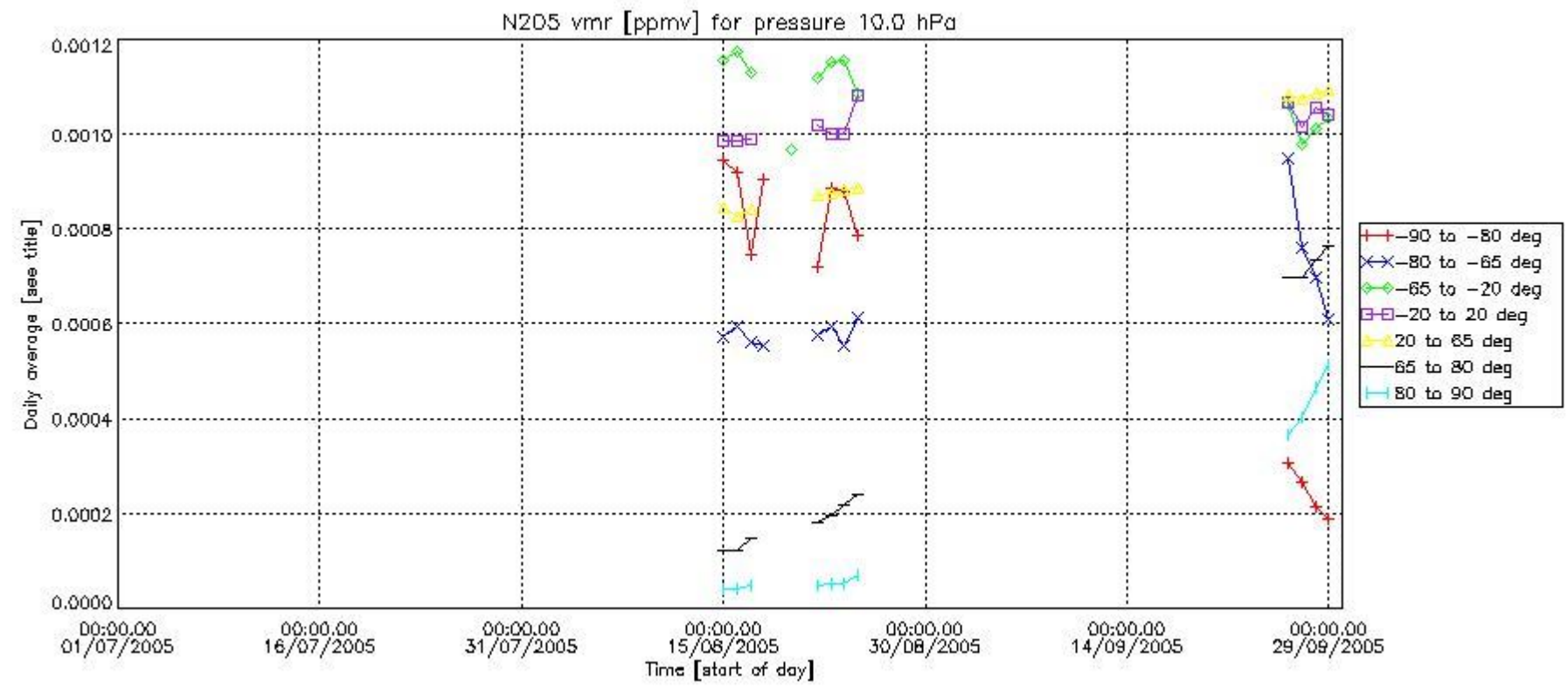


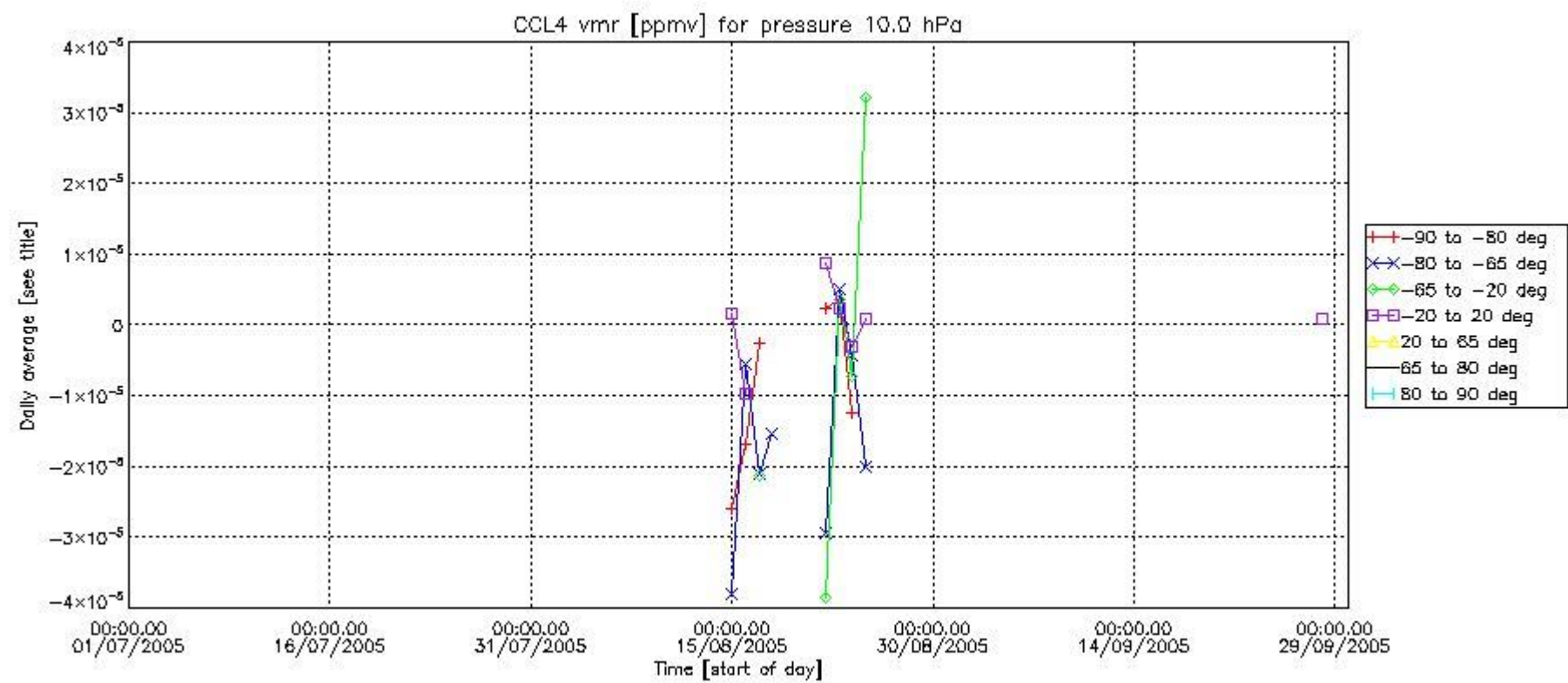
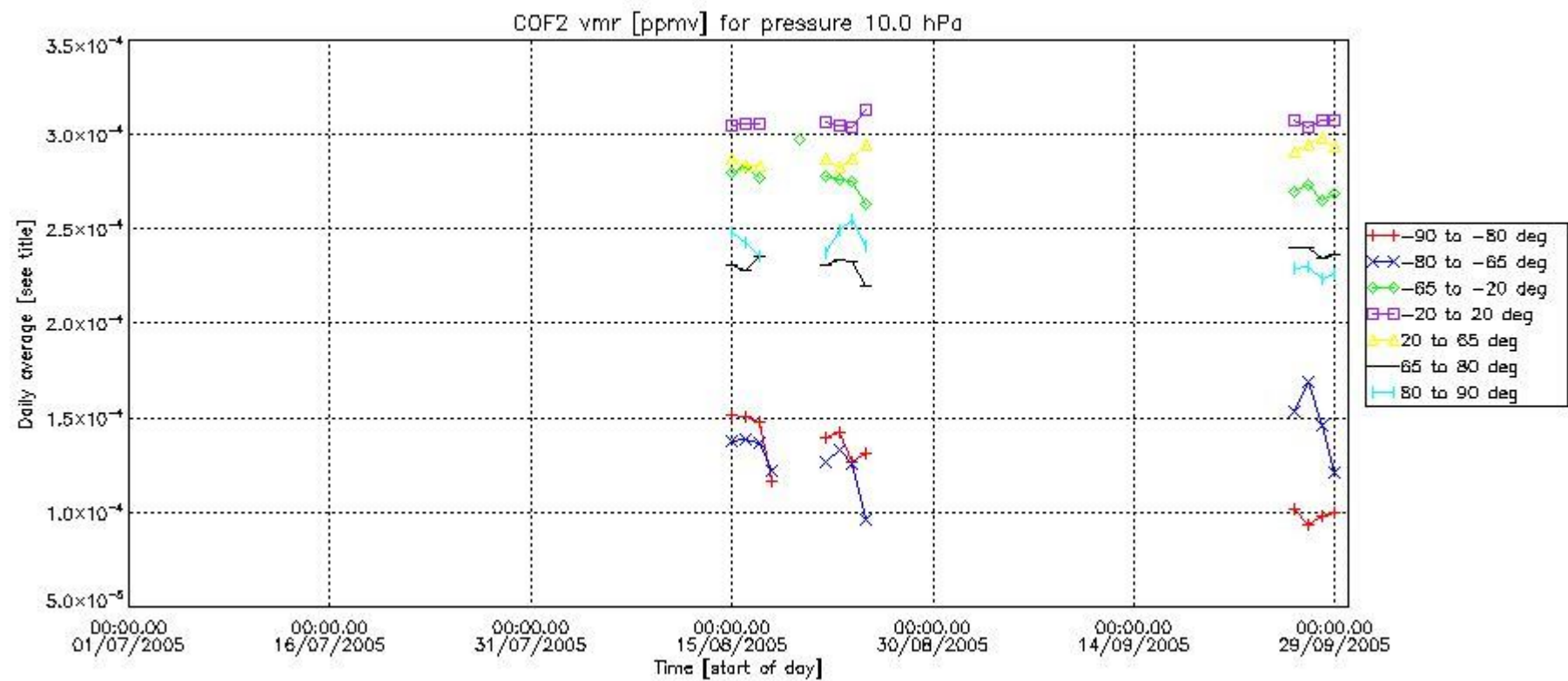




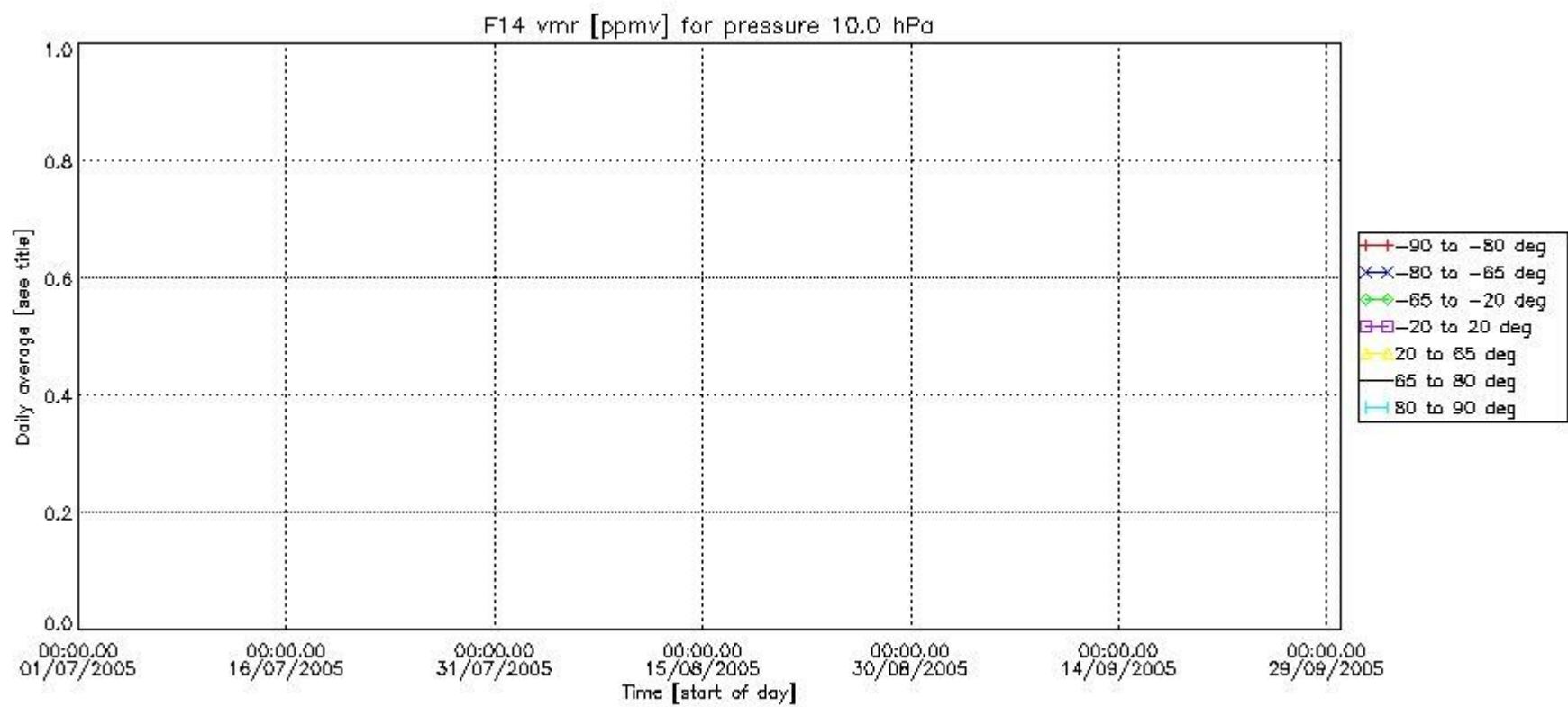
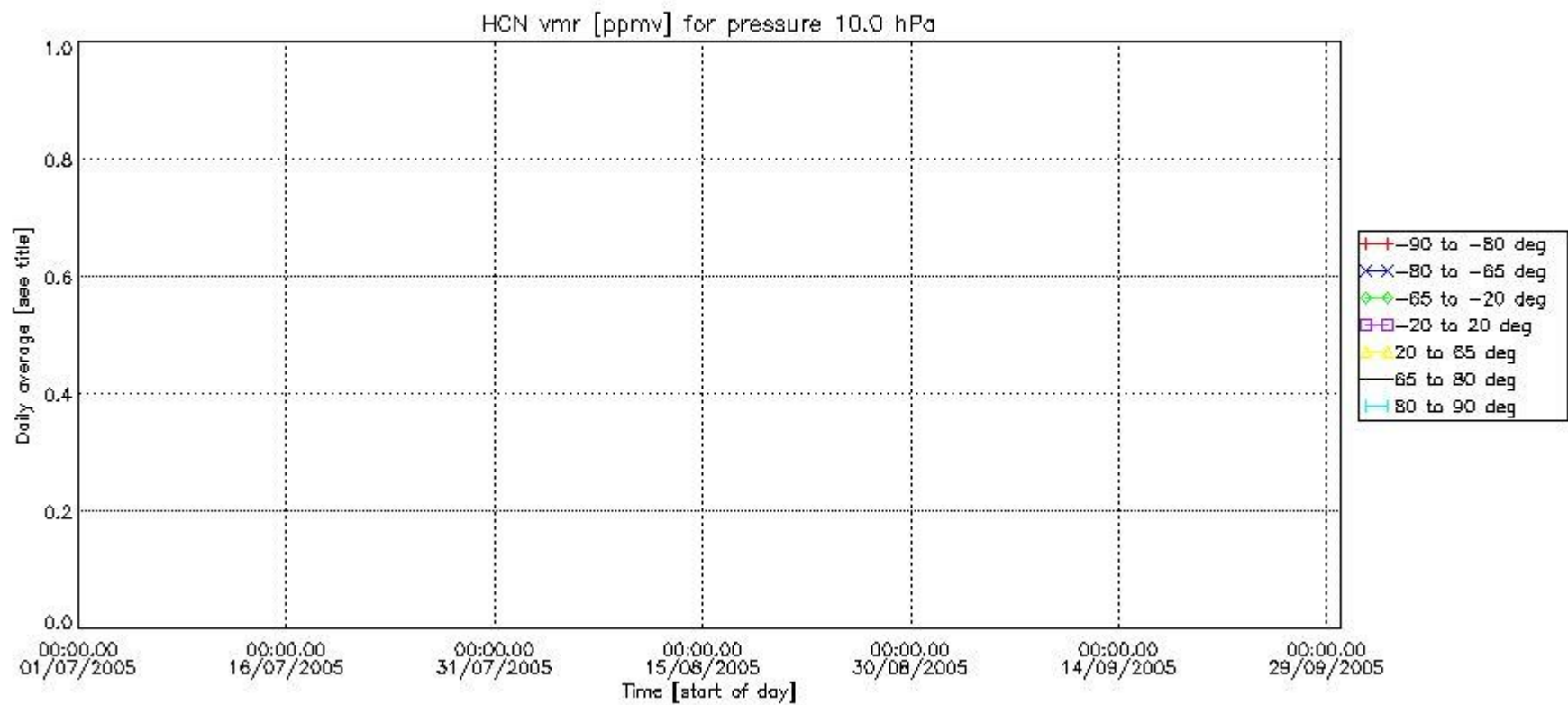


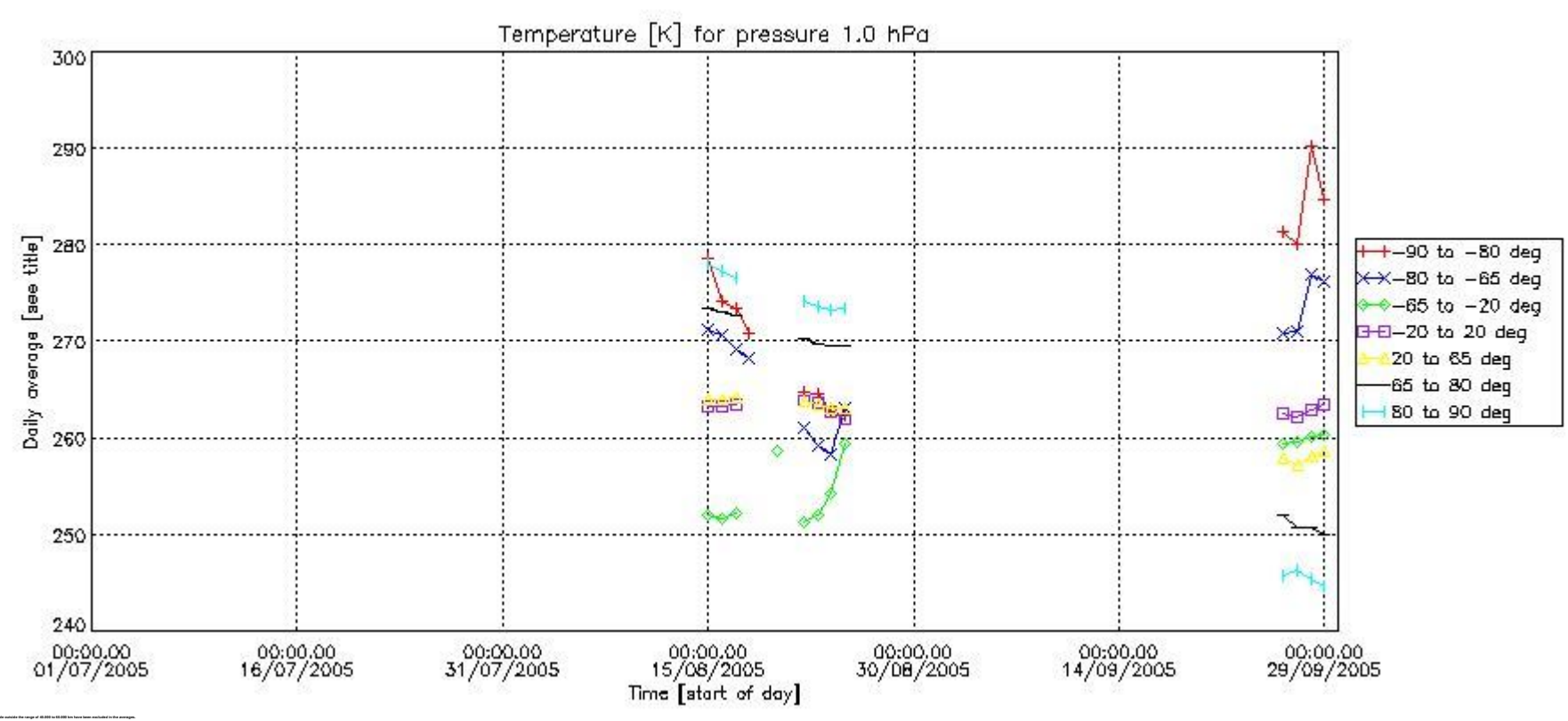
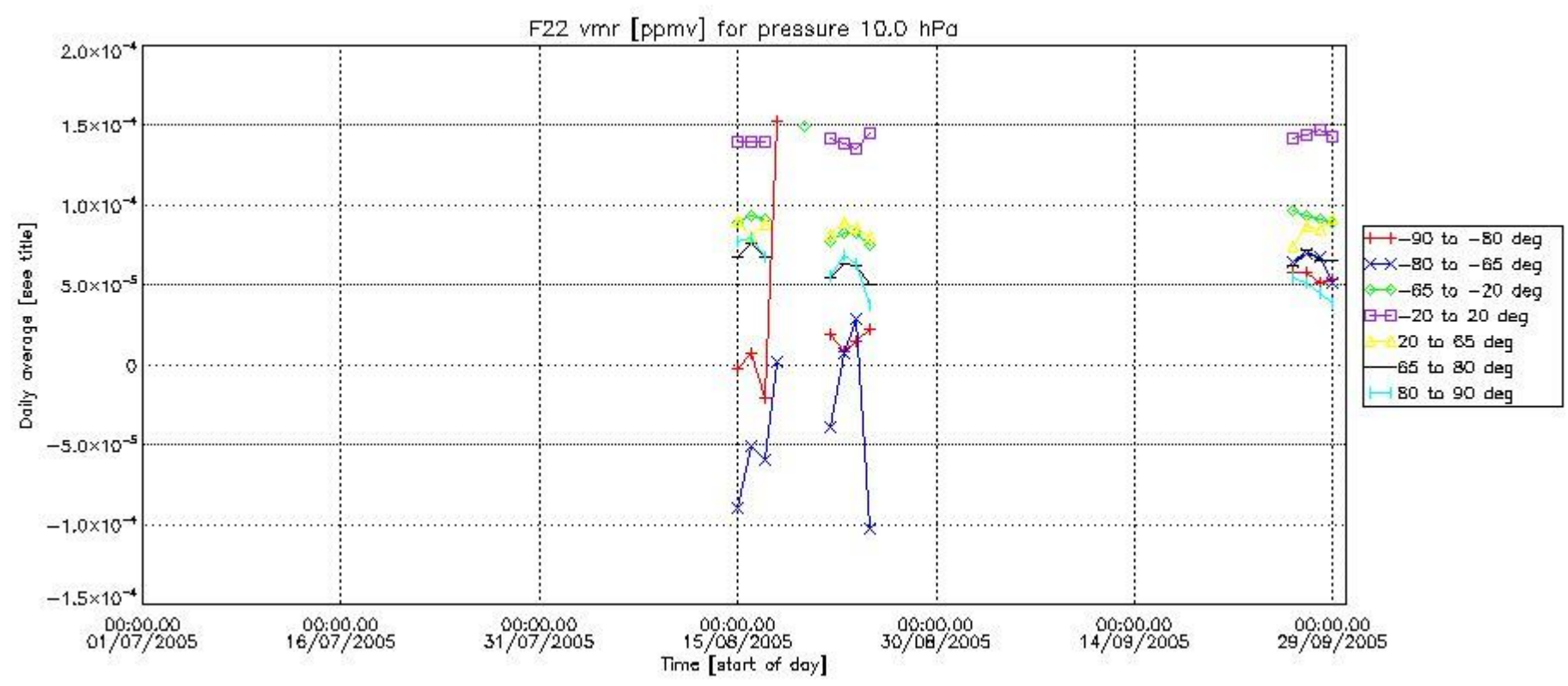


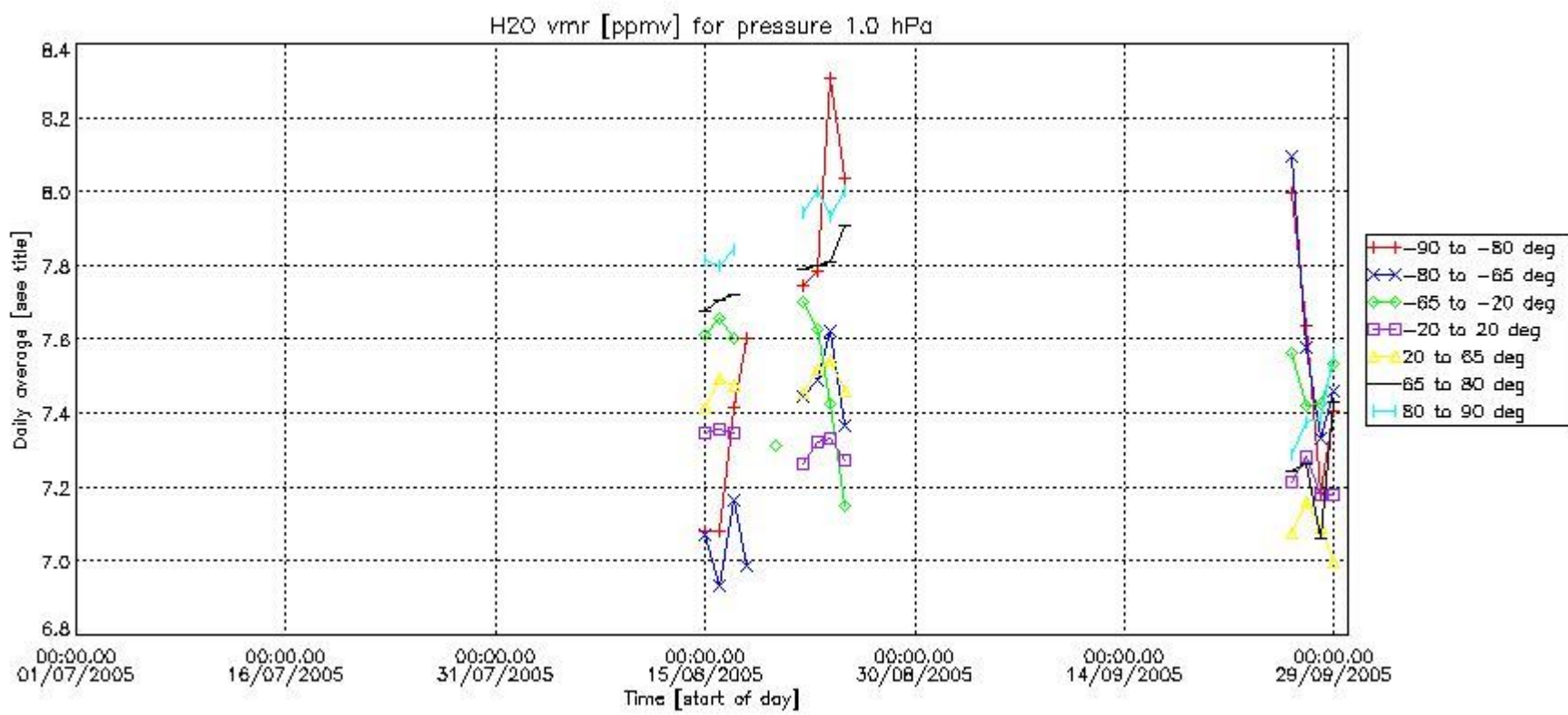
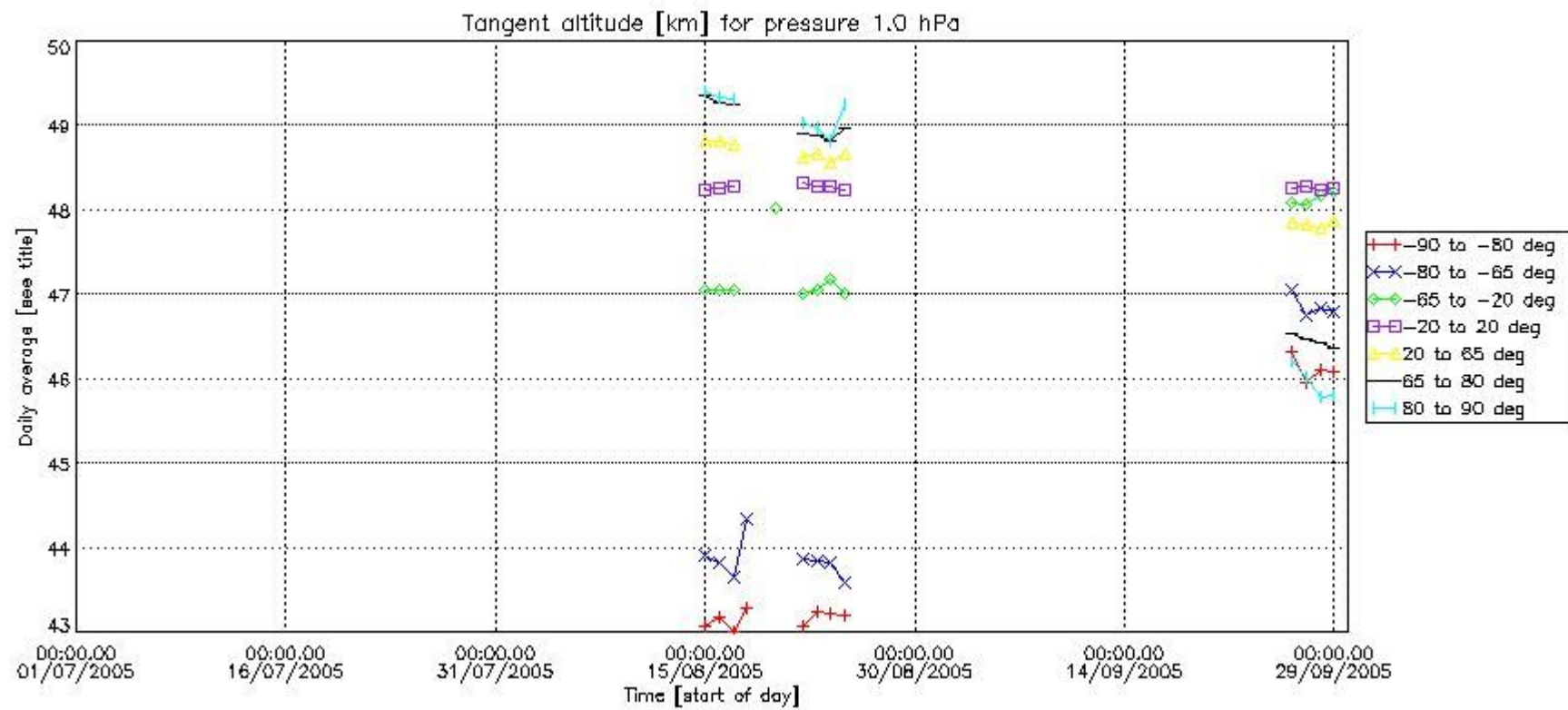




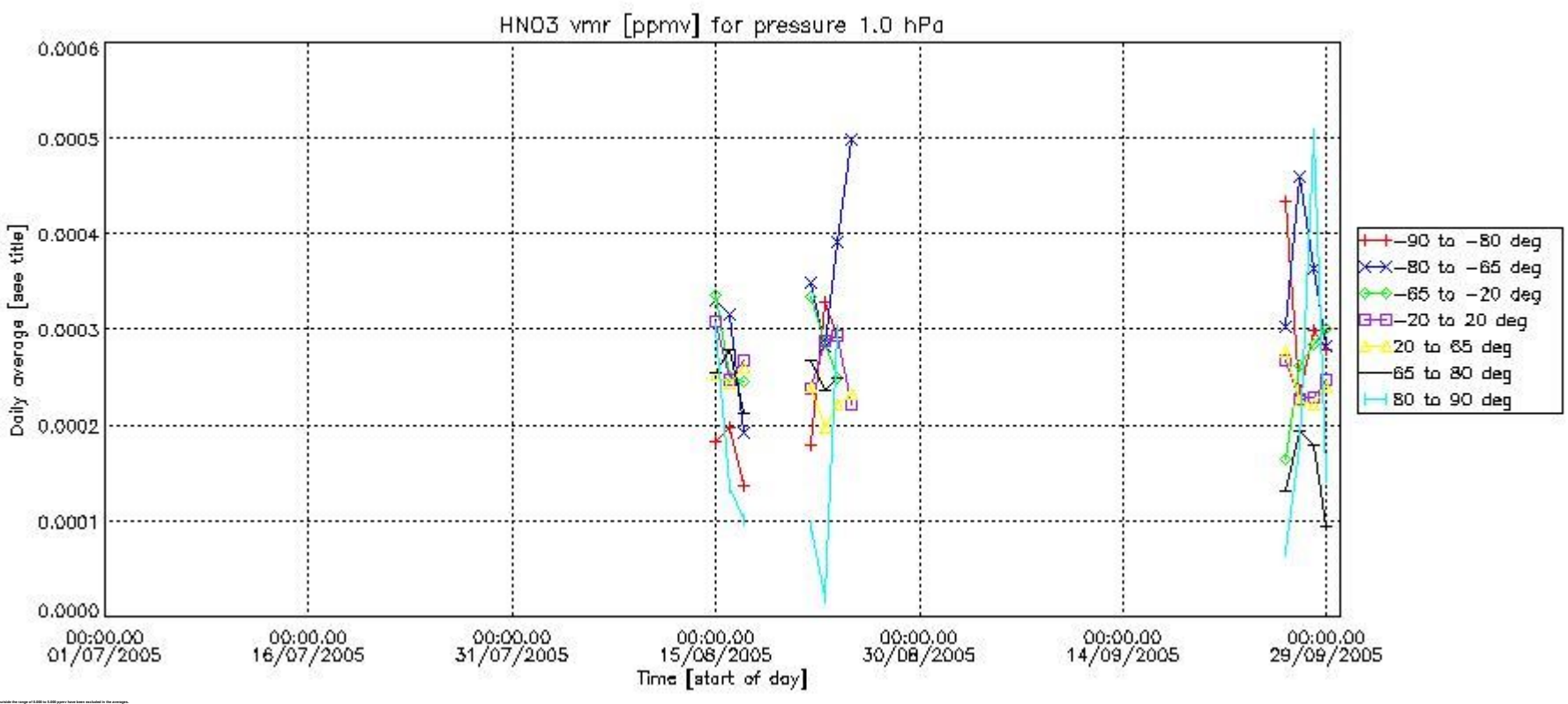
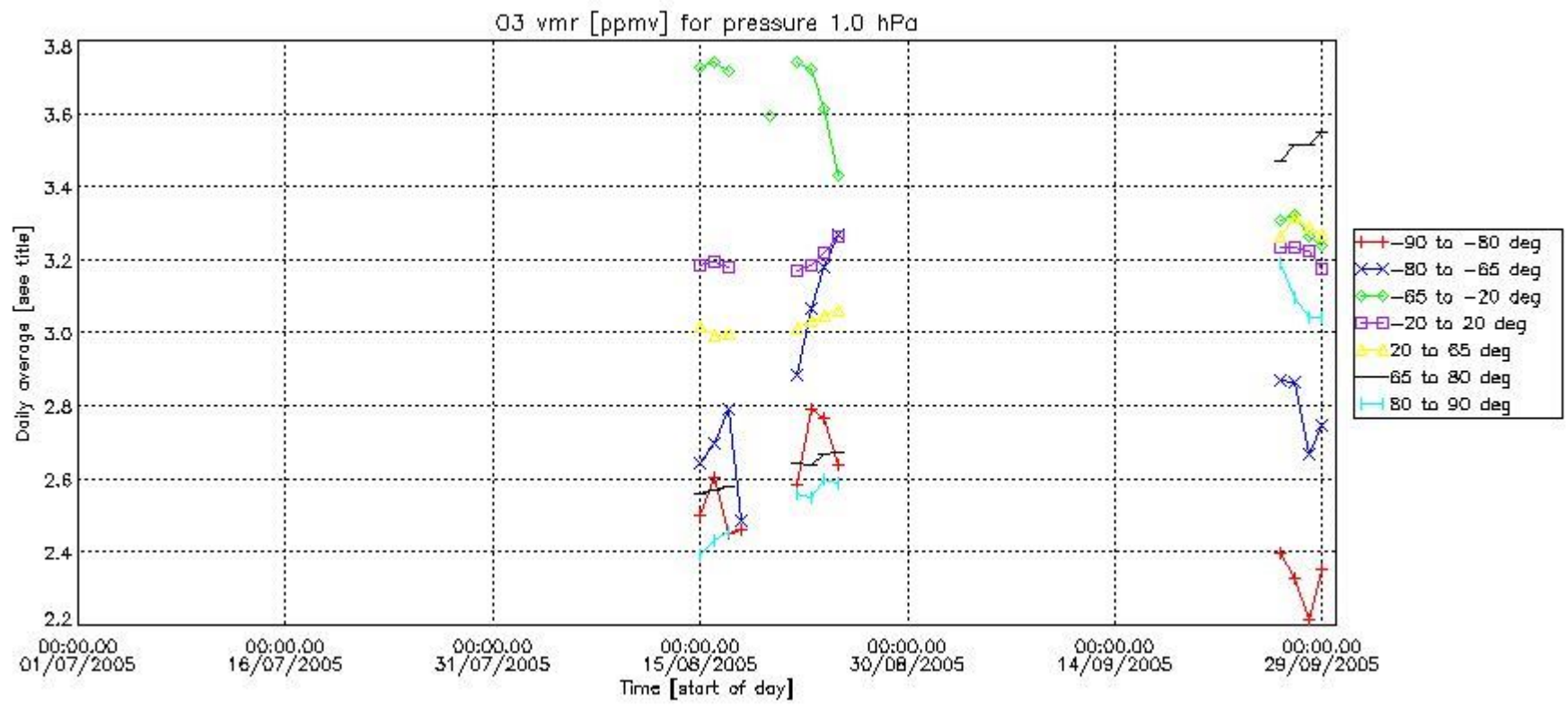


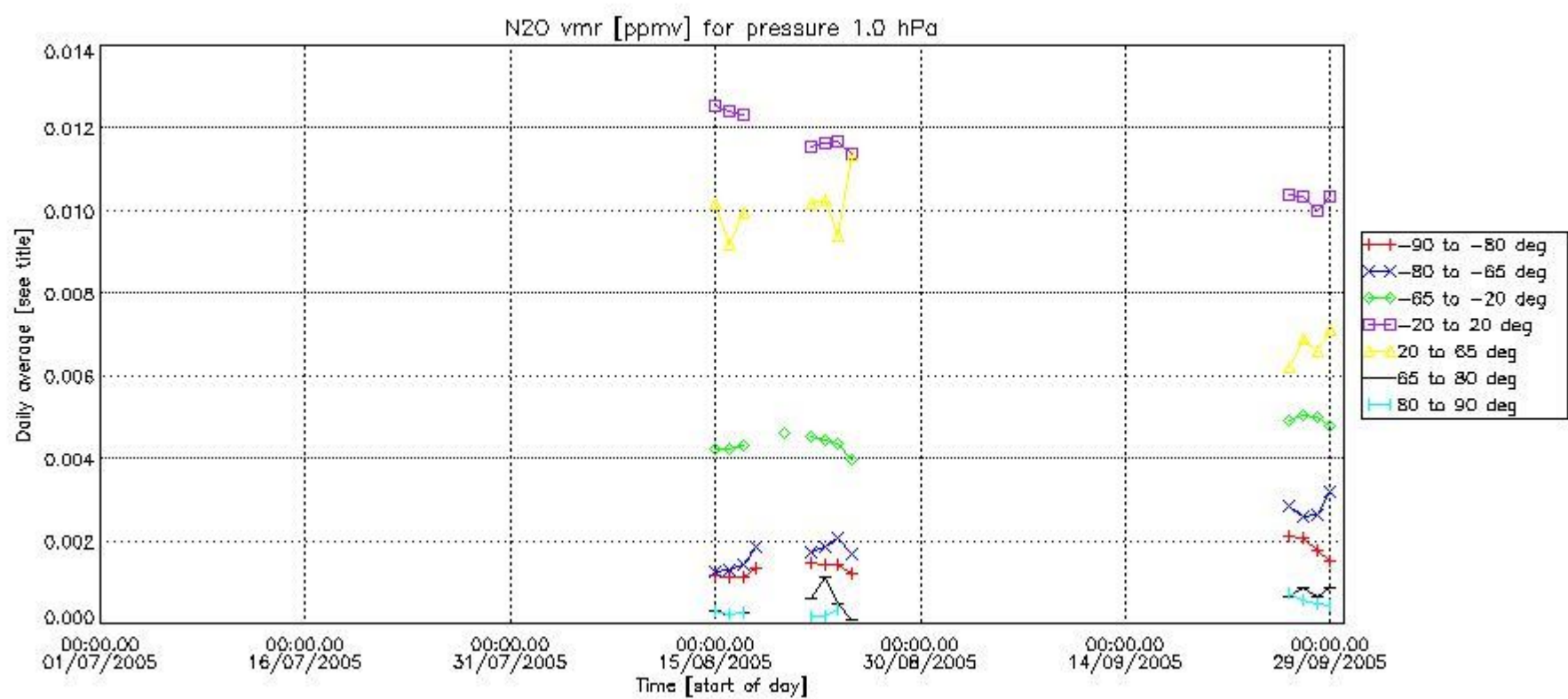
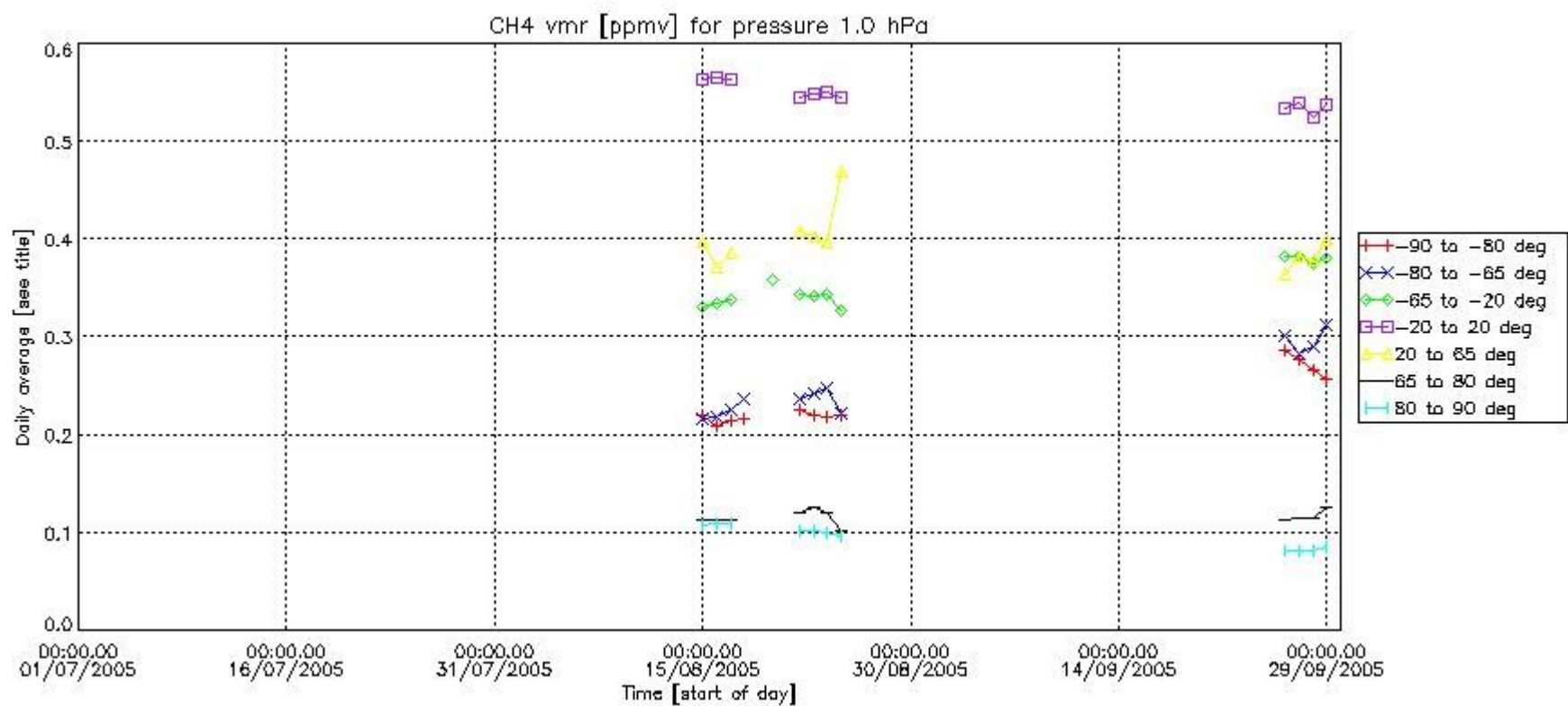


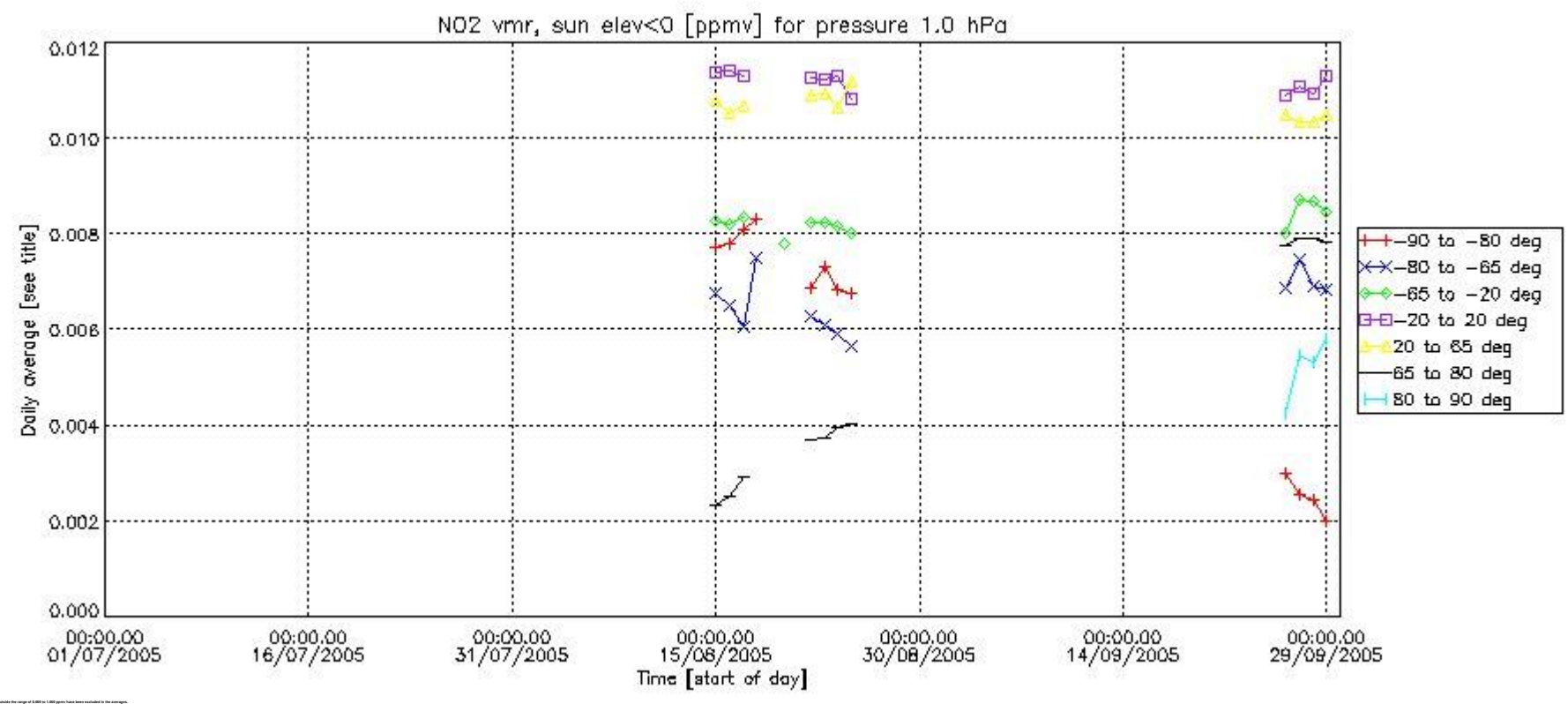
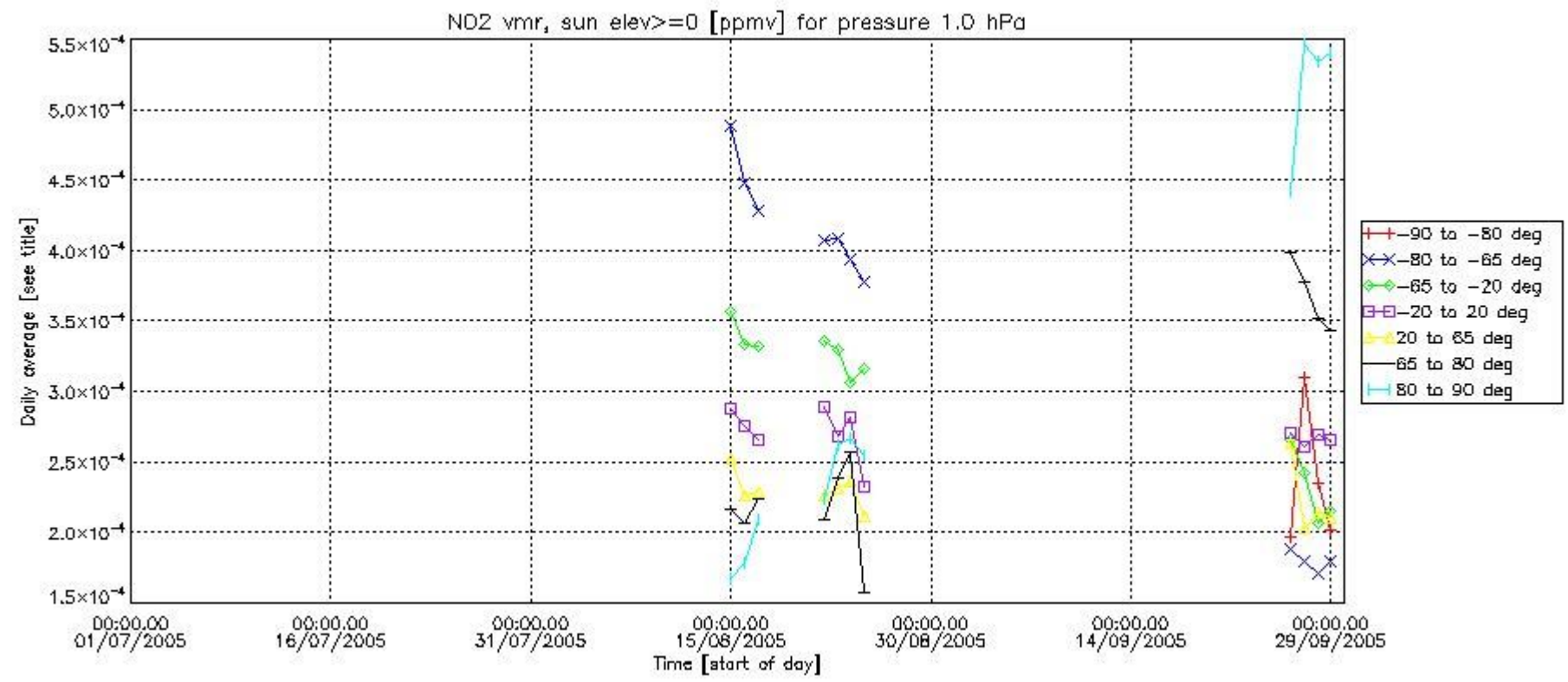


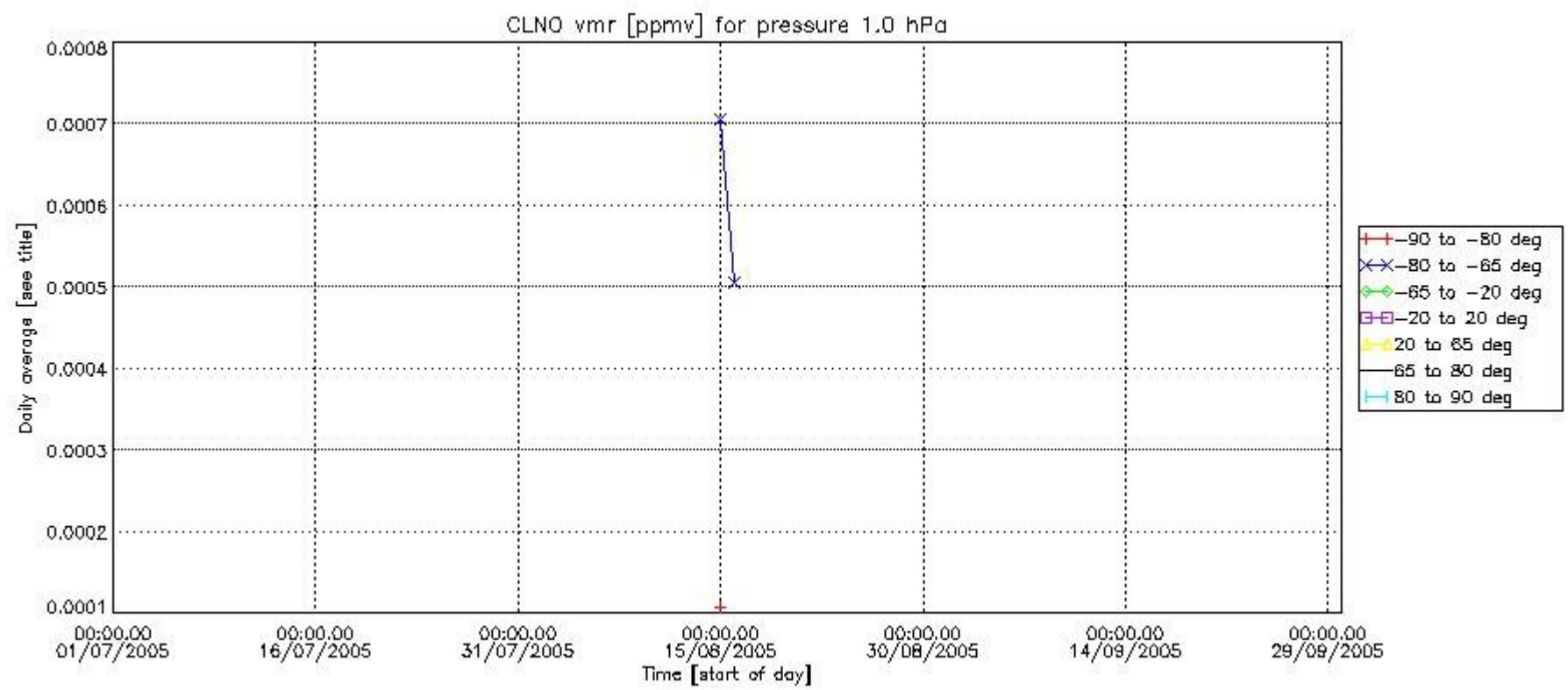
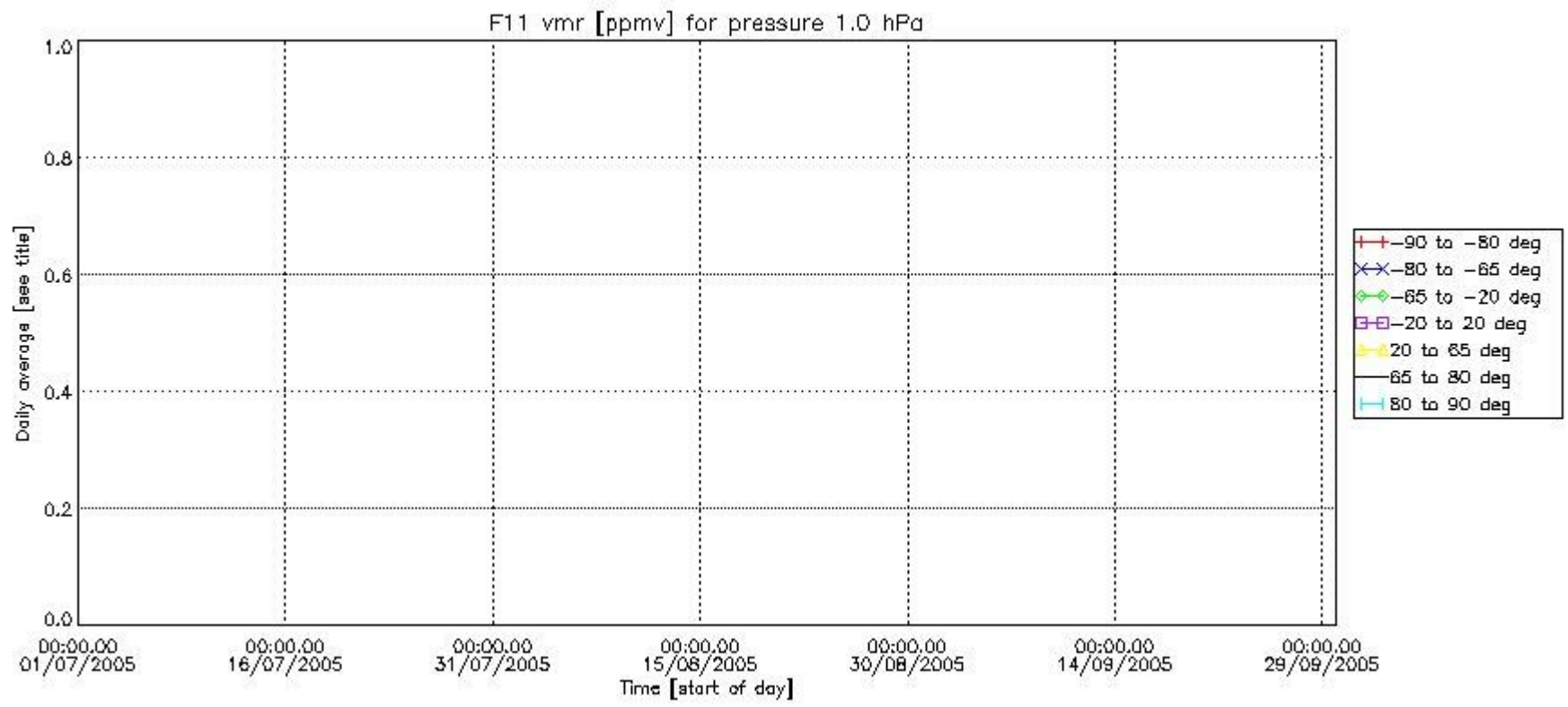




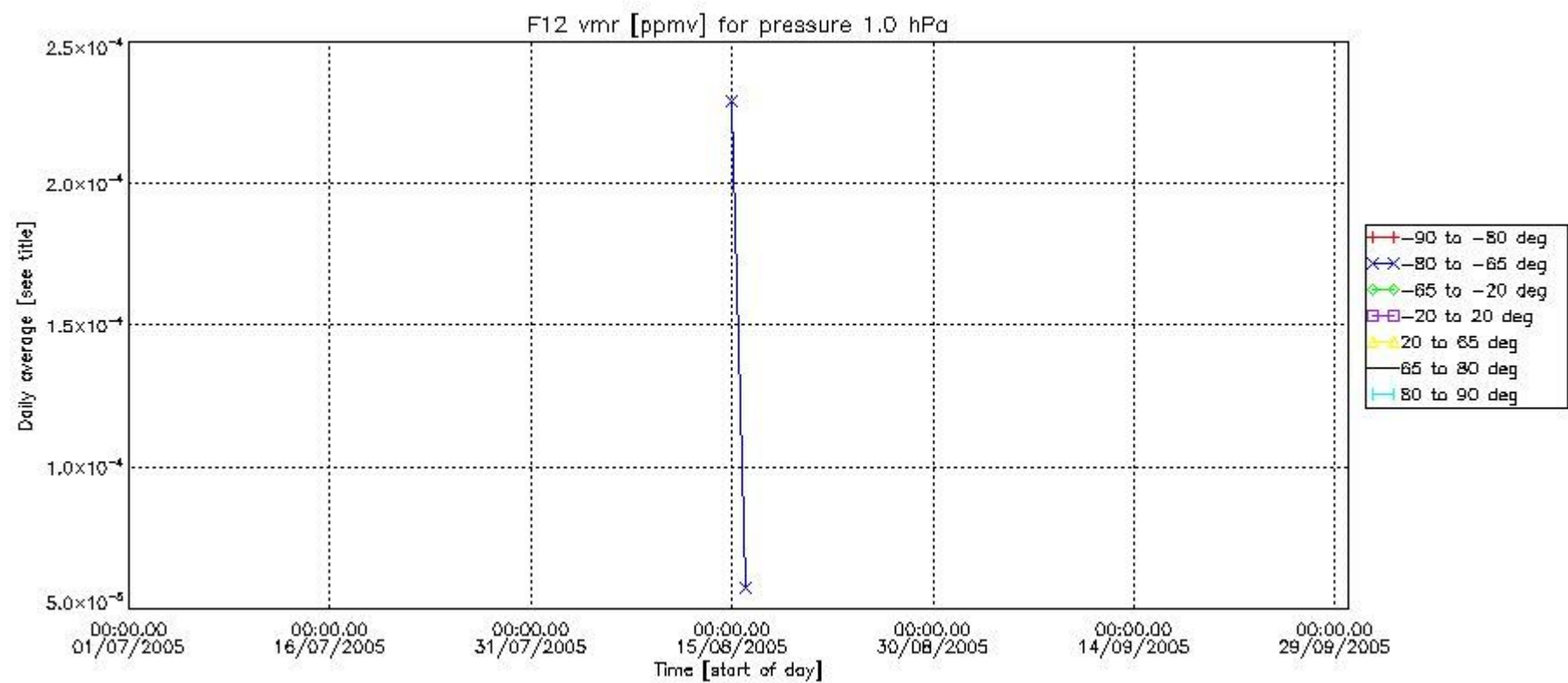
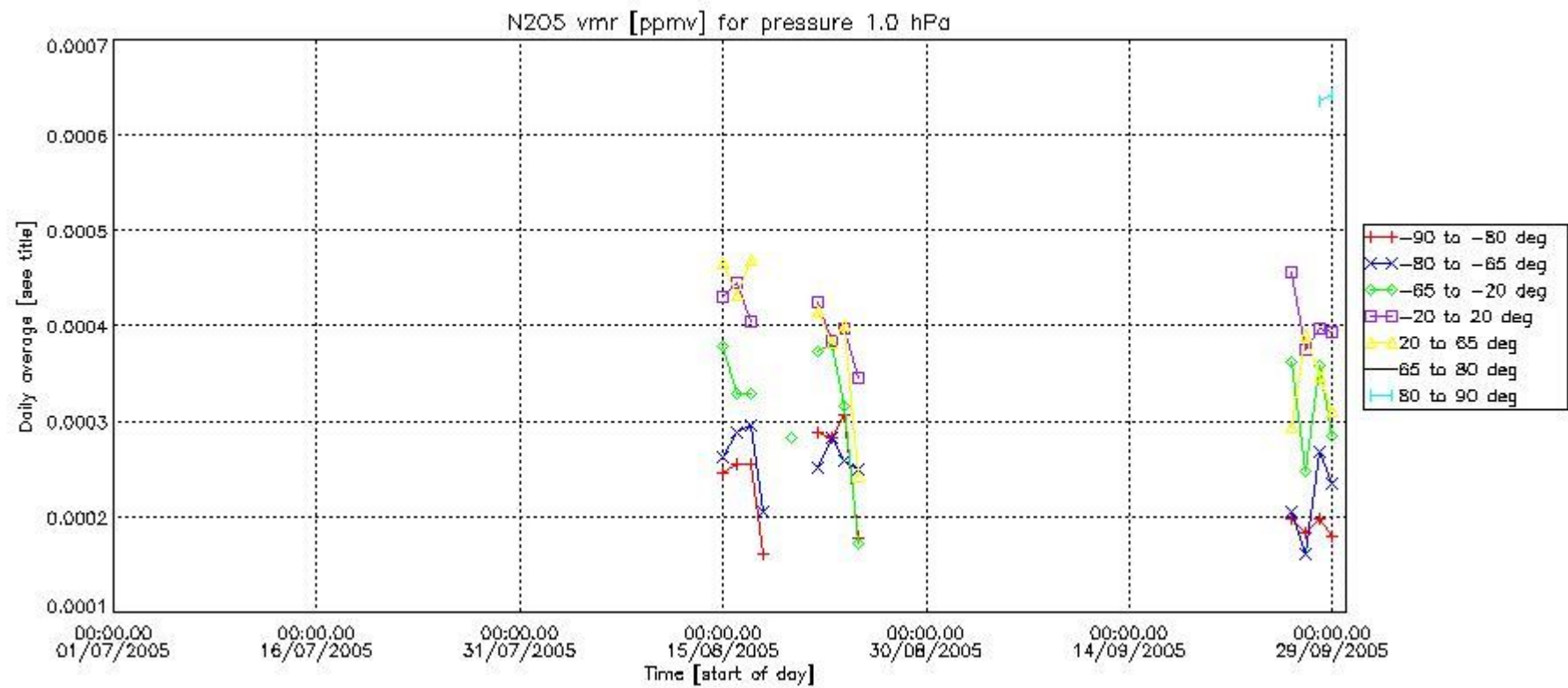


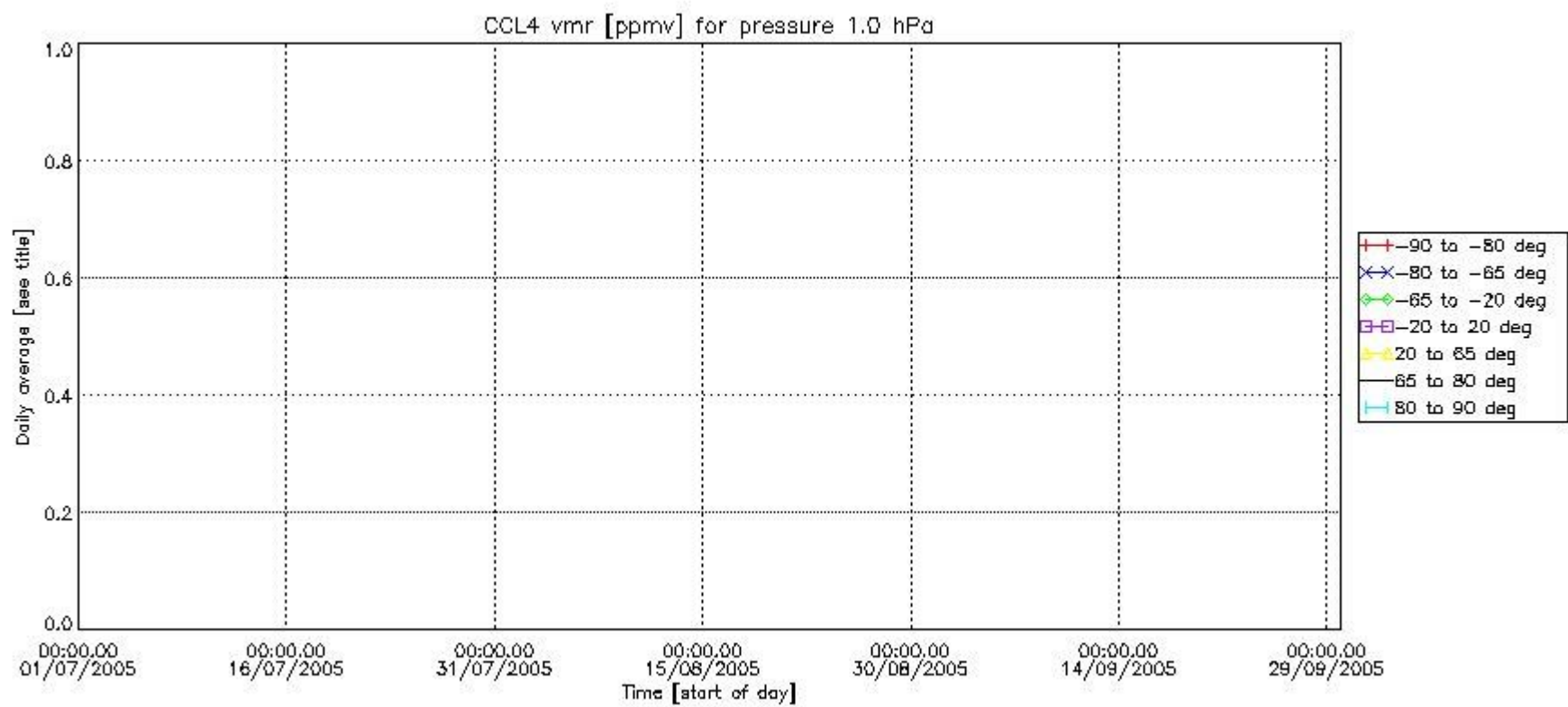
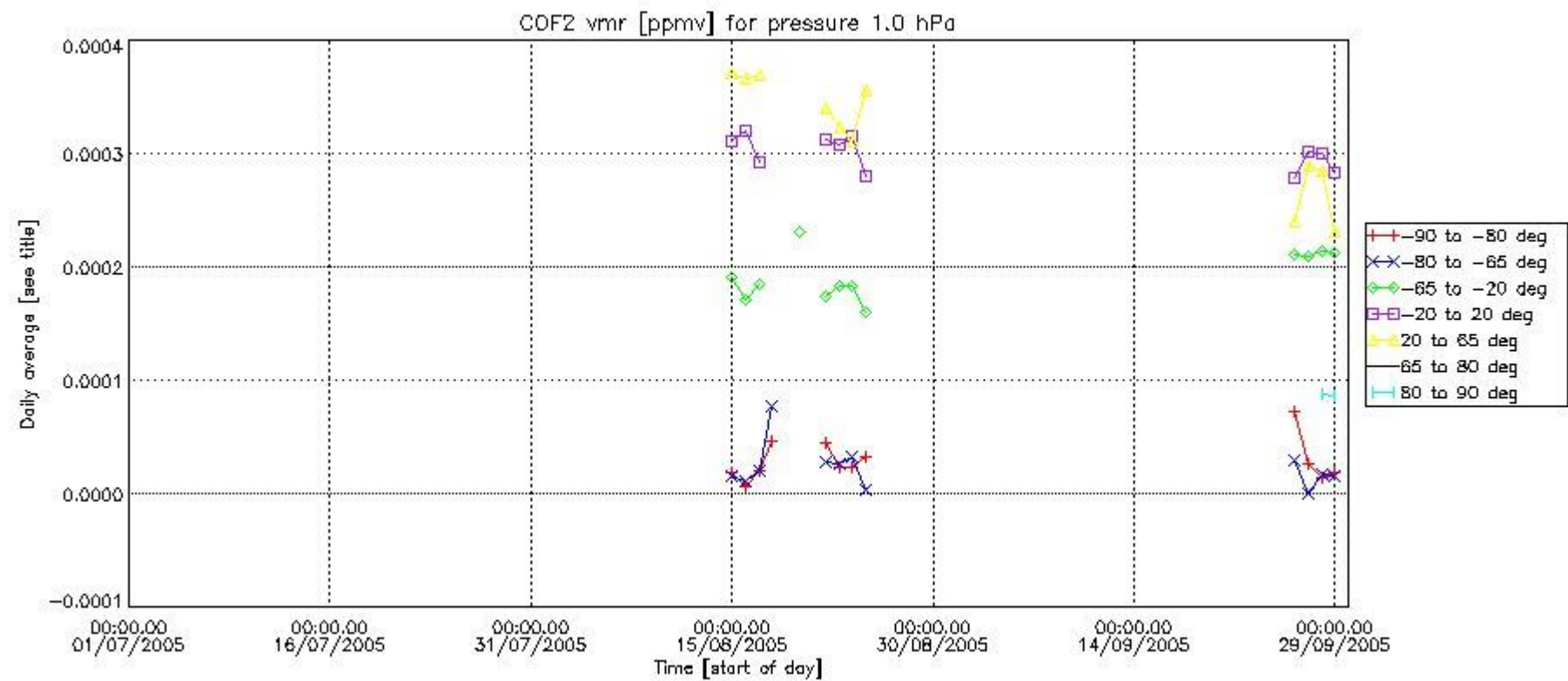


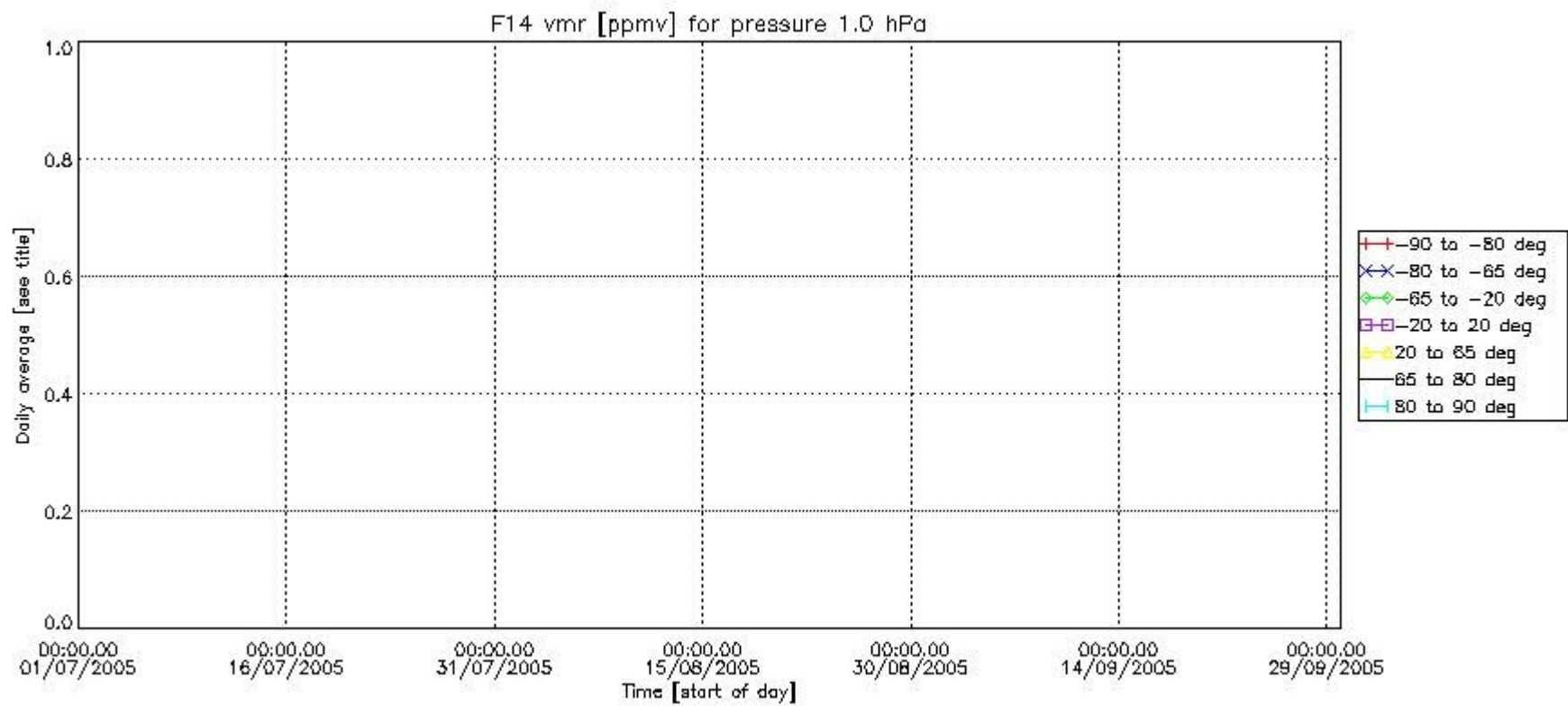
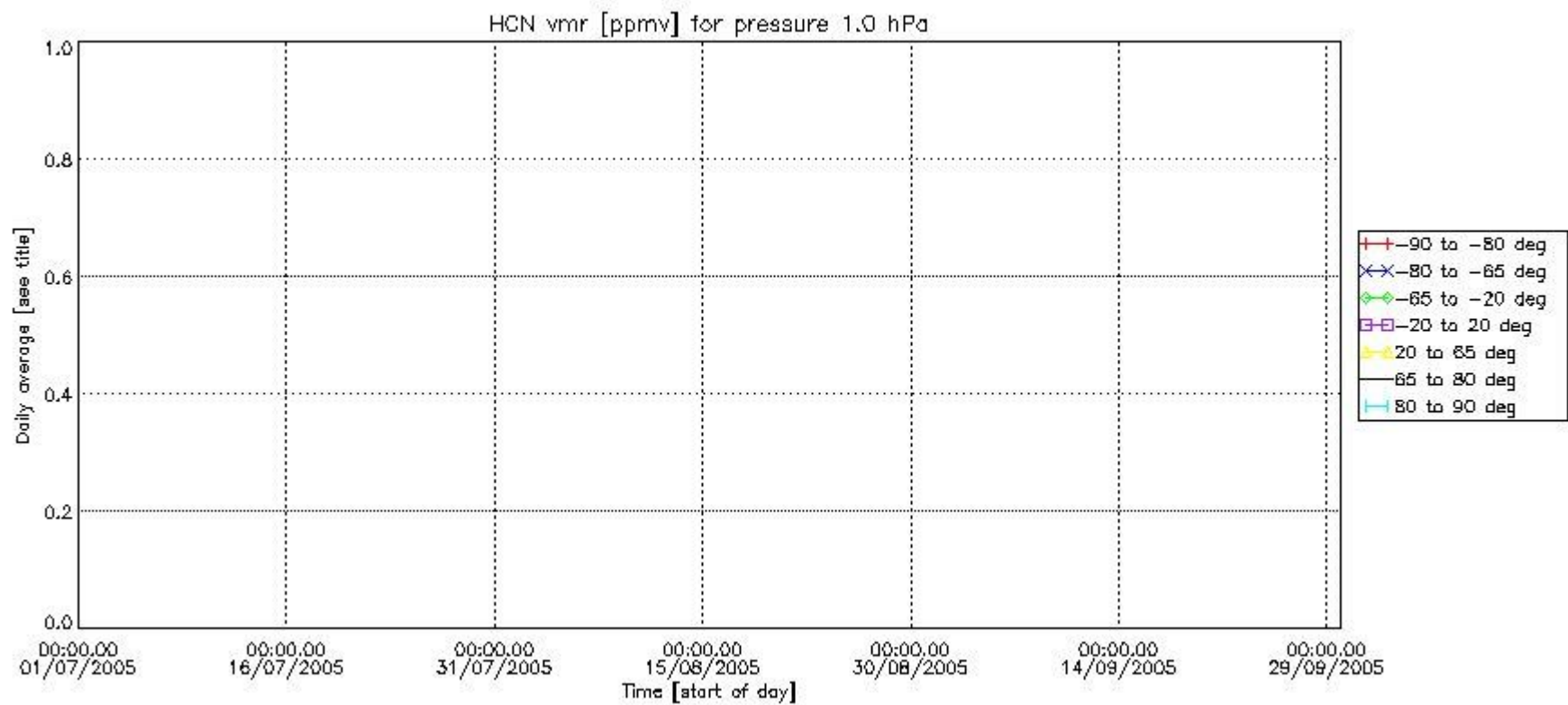


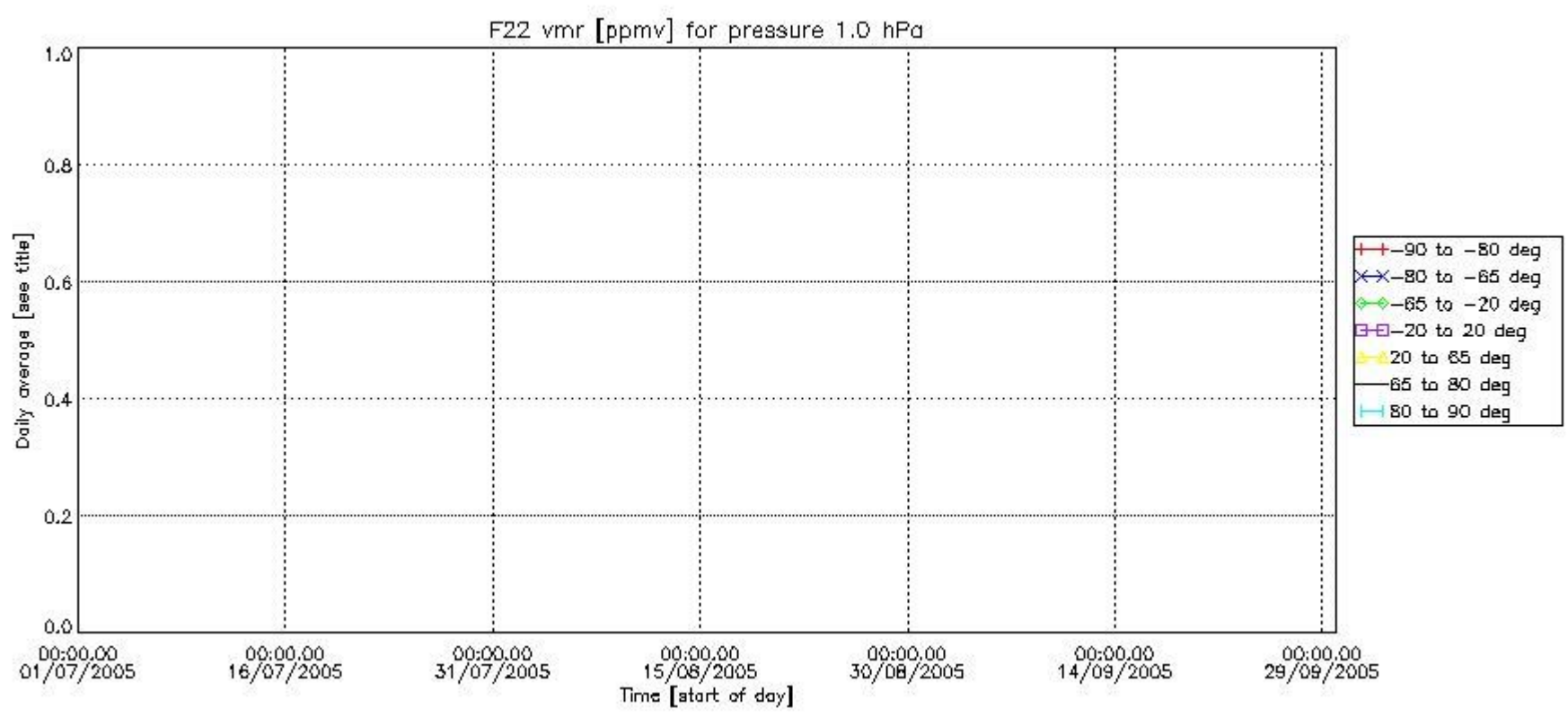














Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

