

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20051009.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 15:30:25
Data source version	ML2PP/7.03-W
Processing scope for products	09OCT2005 00:00:00 to 10OCT2005 00:00:00
Start time of first product within scope	09OCT2005 06:29:44
Stop time of last product within scope	09OCT2005 22:50:31
Total number of level 2 products	6
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__2PWDSI20051009_062944_000057672041_00278_18869_1000.N1	09OCT2005 06:29:44	09OCT2005 08:05:51	0	103/103	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:1]
1	MIP_NL__2PWDSI20051009_080641_000060302041_00279_18870_1000.N1	09OCT2005 08:06:41	09OCT2005 09:47:11	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
2	MIP_NL__2PWDSI20051009_094717_000058982041_00280_18871_1000.N1	09OCT2005 09:47:17	09OCT2005 11:25:35	0	125/125	VMR_TERM_MACRO_MICRO[F14/macro:1]
3	MIP_NL__2PWDSI20051009_181356_000057662041_00285_18876_1000.N1	09OCT2005 18:13:56	09OCT2005 19:50:02	0	103/103	VMR_TERM_MACRO_MICRO[F14/macro:2]
4	MIP_NL__2PWDSI20051009_195052_000060302041_00286_18877_1000.N1	09OCT2005 19:50:52	09OCT2005 21:31:22	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:3; F14/macro:1]
5	MIP_NL__2PWDSI20051009_213128_000047422041_00287_18878_1000.N1	09OCT2005 21:31:28	09OCT2005 22:50:31	0	100/100	VMR_TERM_MACRO_MICRO[HCN/micro:1]

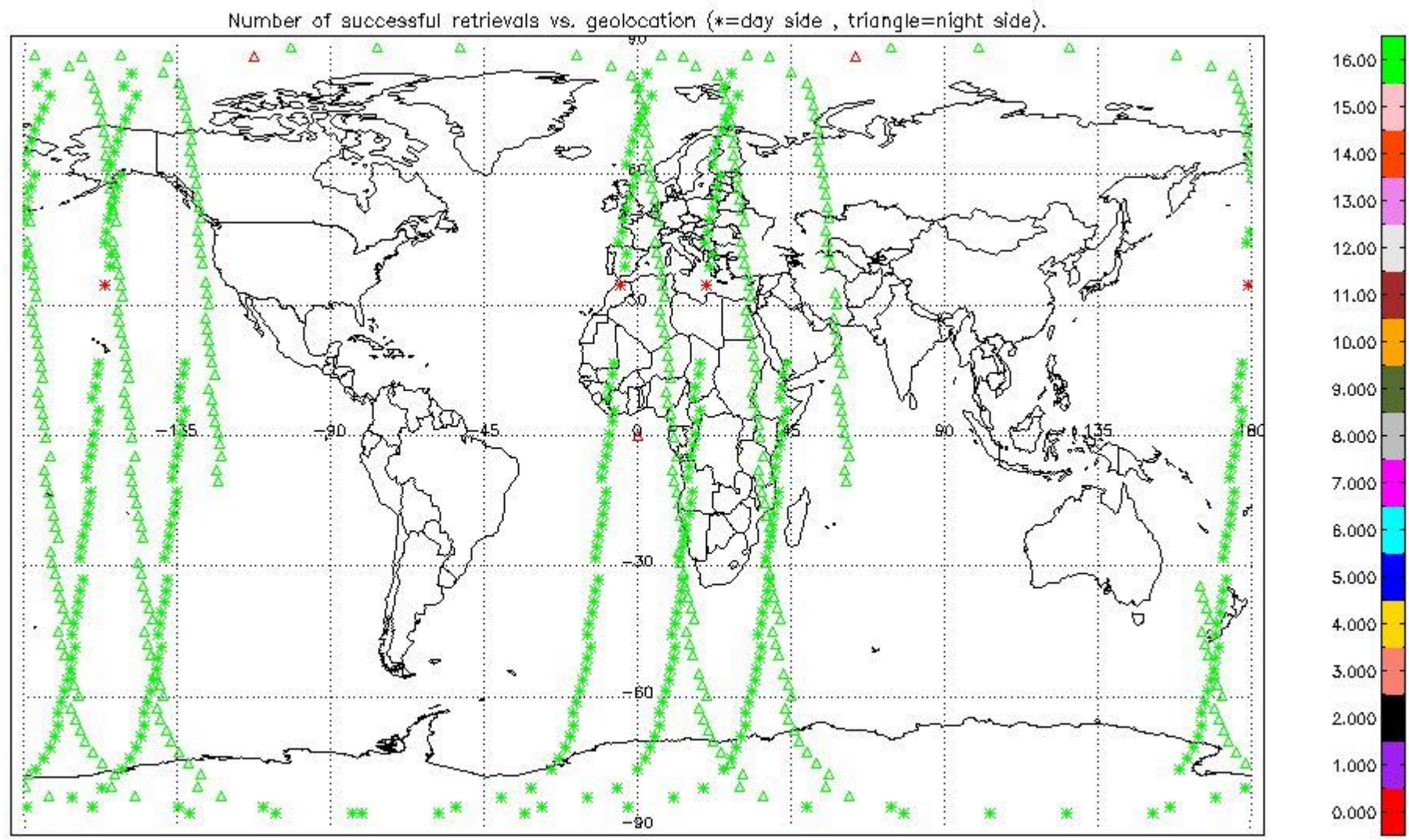
## 2.2 Processing performance indicators

### 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.

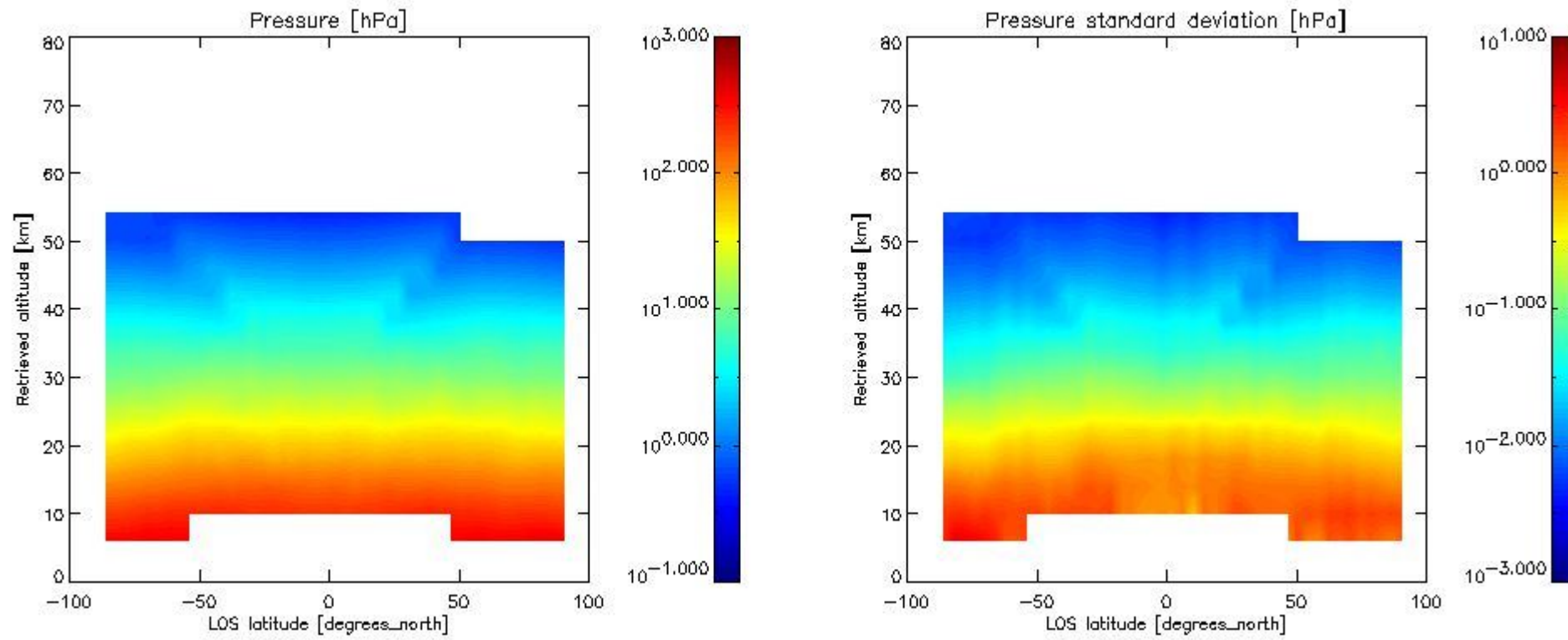
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	687	674	98.108
H2O	687	674	98.108
O3	687	674	98.108
HNO3	687	674	98.108

CH4	687	674	98.108
N2O	687	674	98.108
NO2	687	674	98.108
F11	687	674	98.108
CLNO	687	674	98.108
N2O5	687	674	98.108
F12	687	673	97.962
COF2	687	674	98.108
CCL4	687	674	98.108
HCN	687	674	98.108
F14	687	674	98.108
F22	687	674	98.108



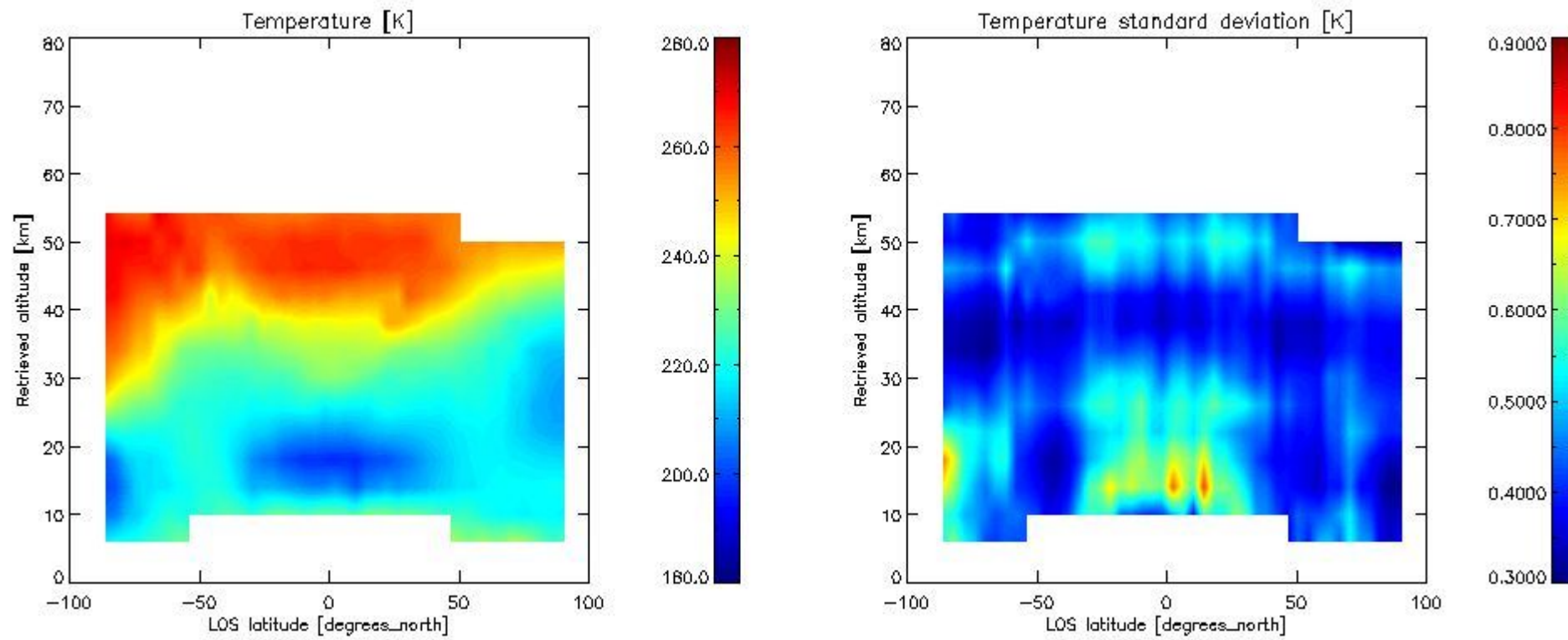
## 2.2.2 Pressure overview

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

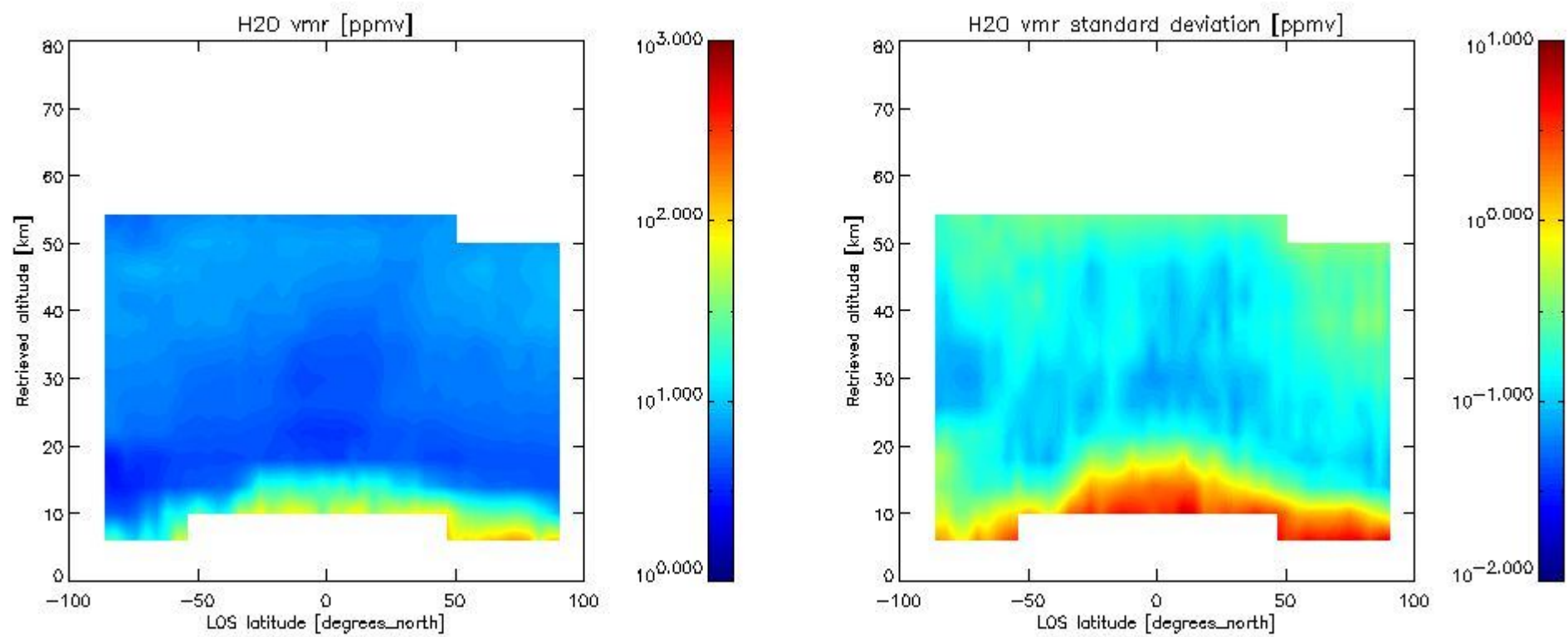
This section shows values (left) and error (right) for temperature after binning individual sweep values over retrieved altitude and tangent latitude.



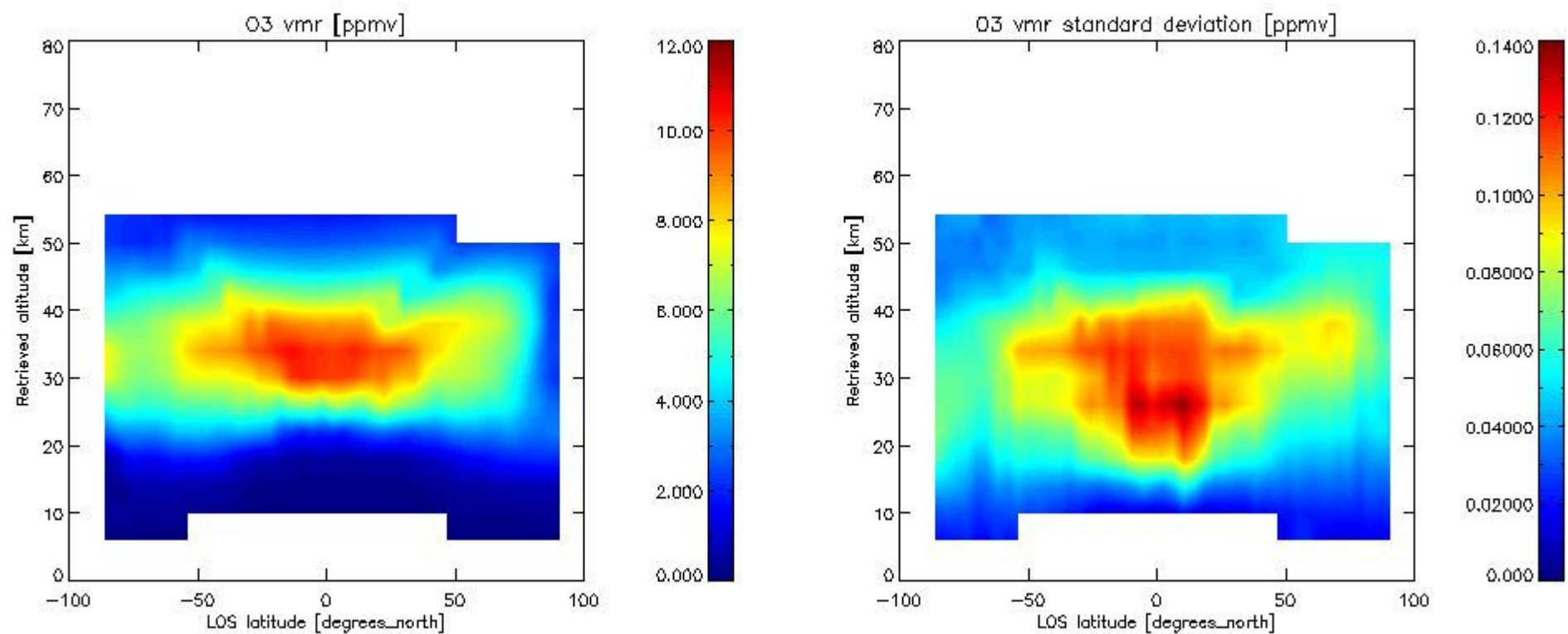
### 2.2.4 Species overview

**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.

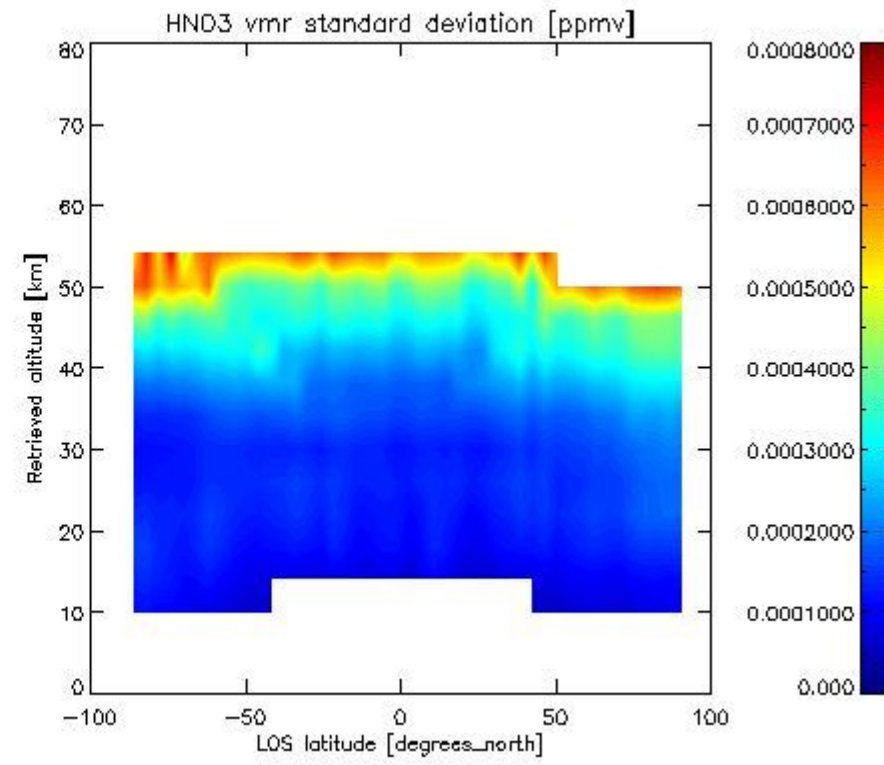
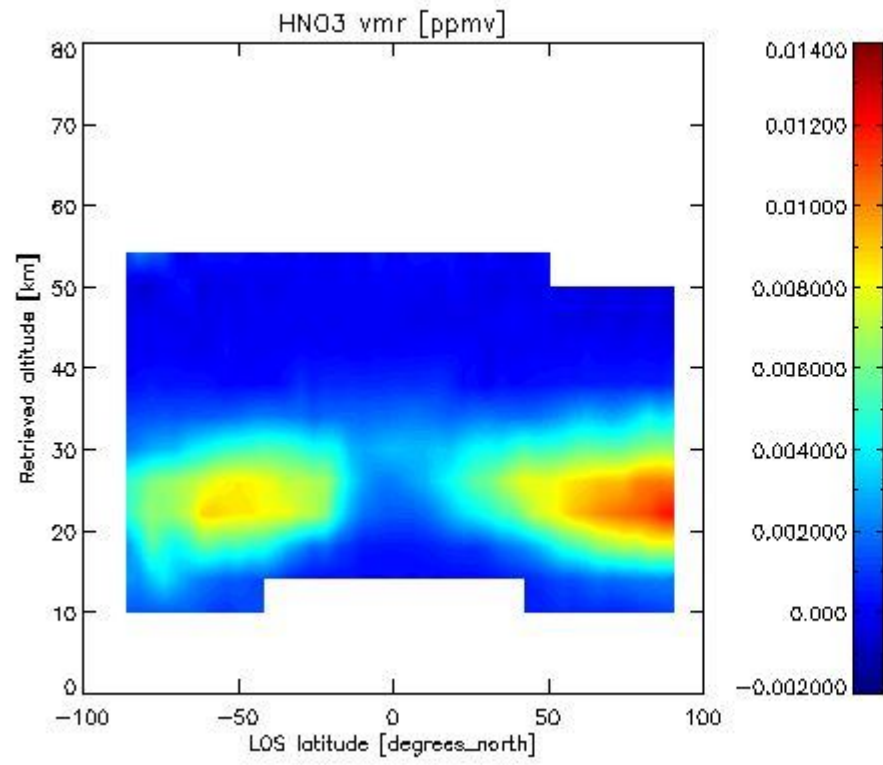




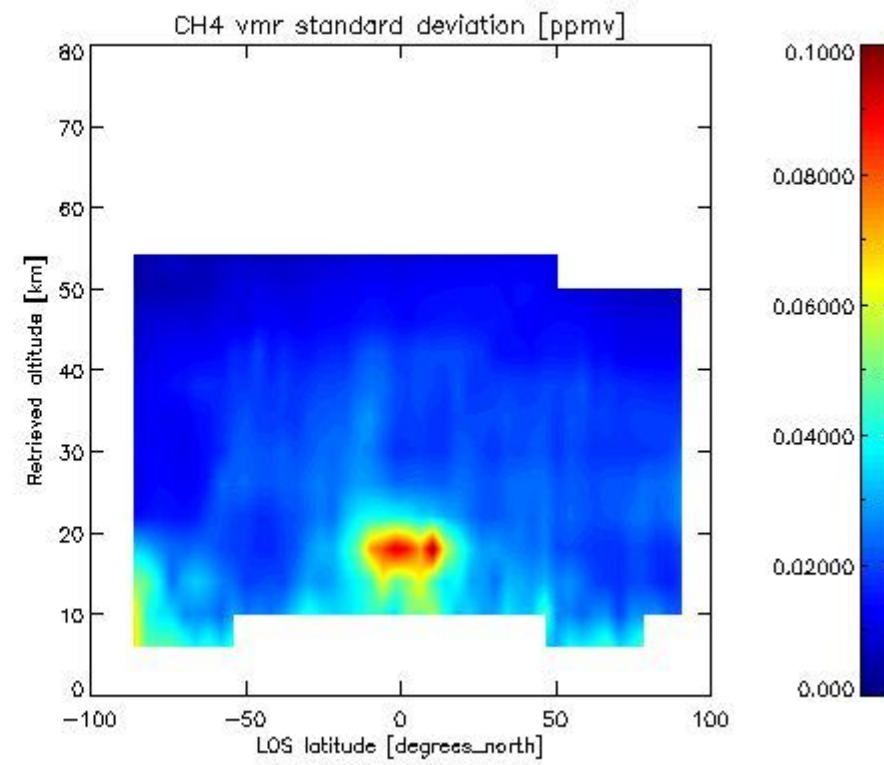
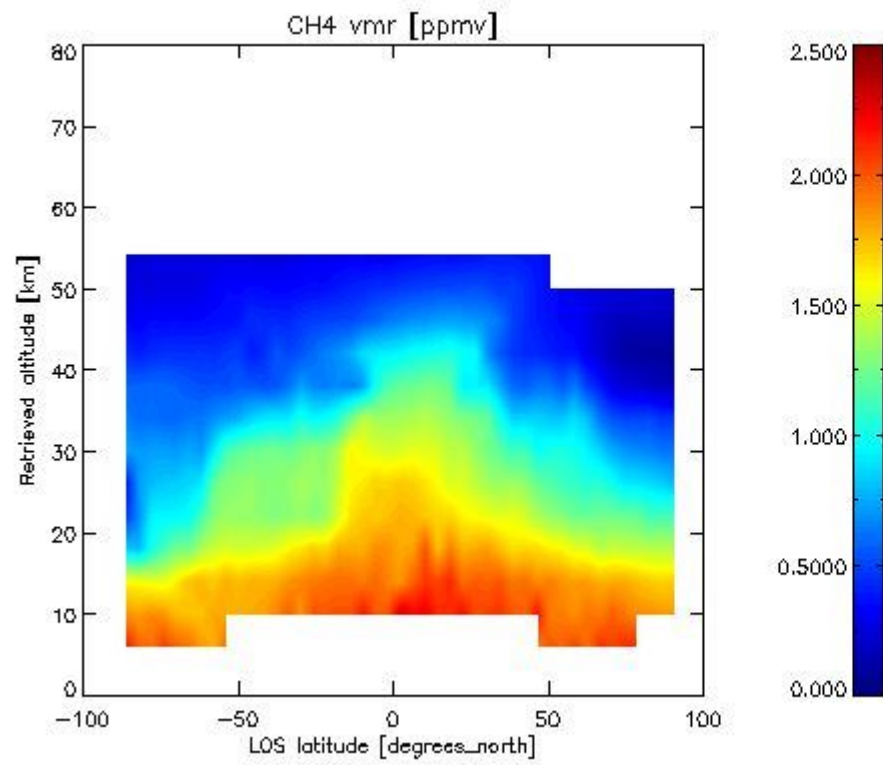
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



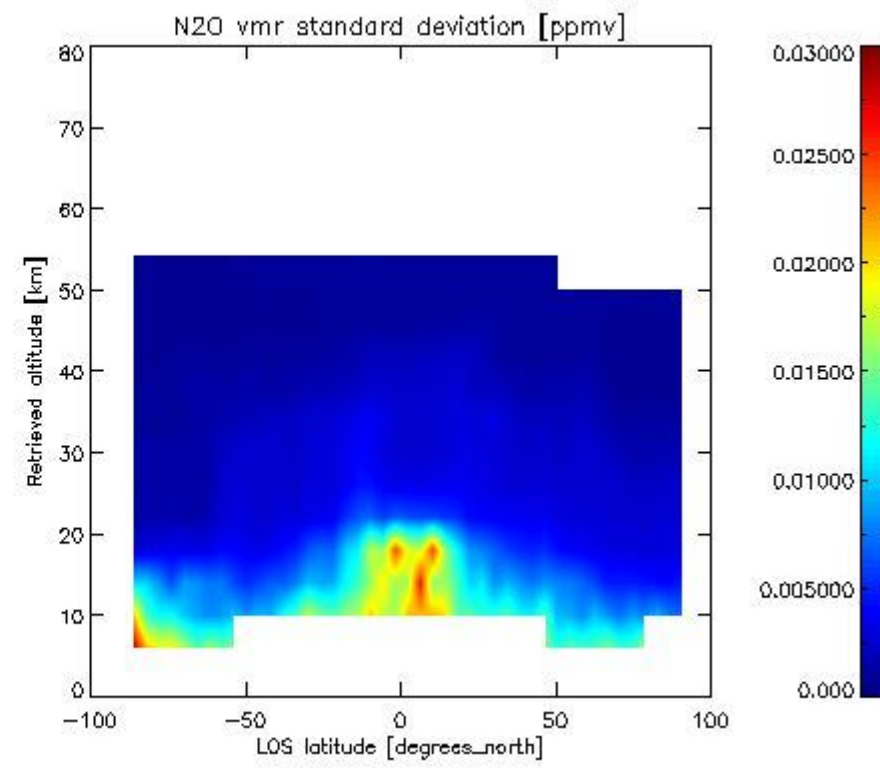
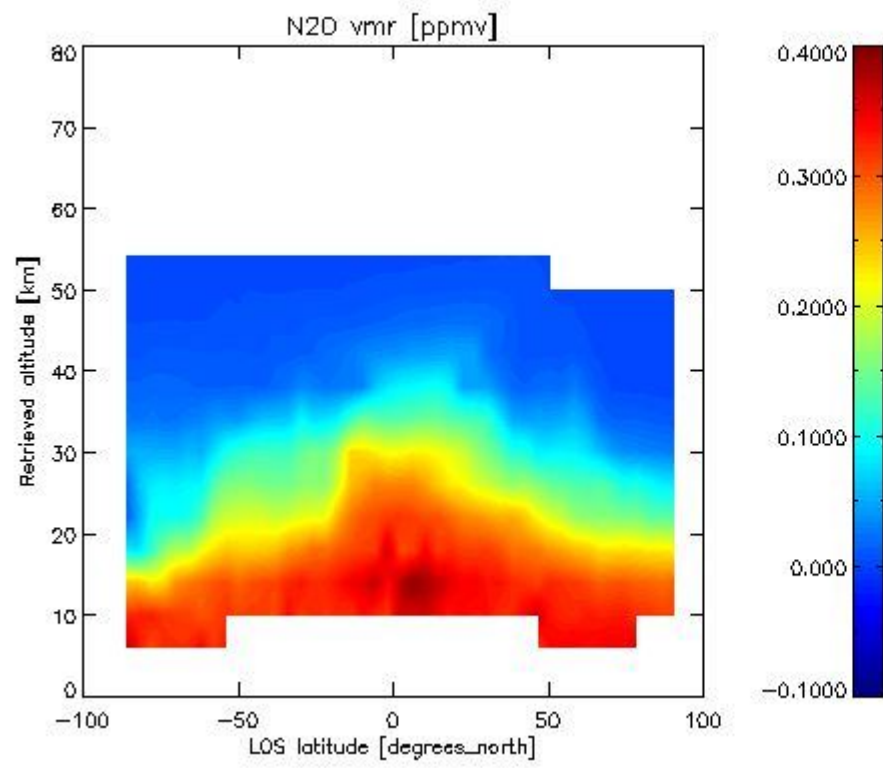
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



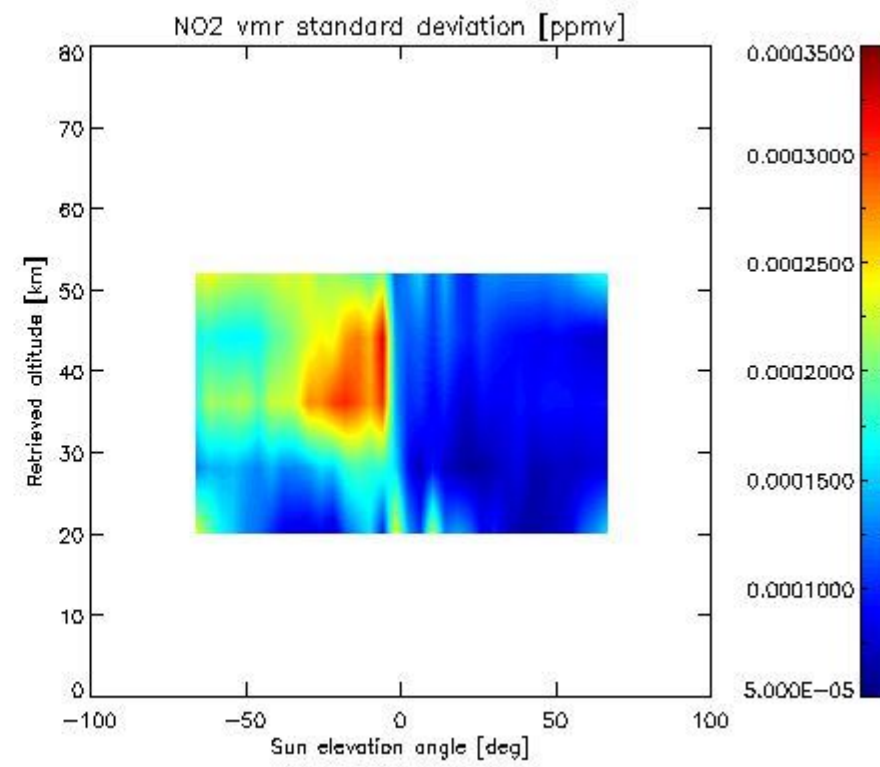
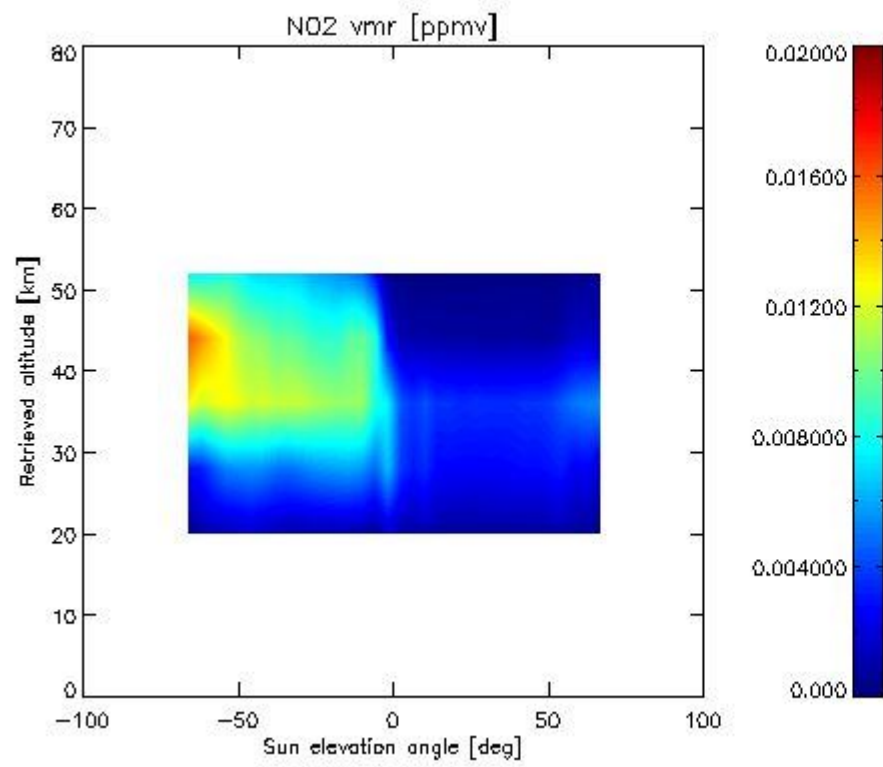
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



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.

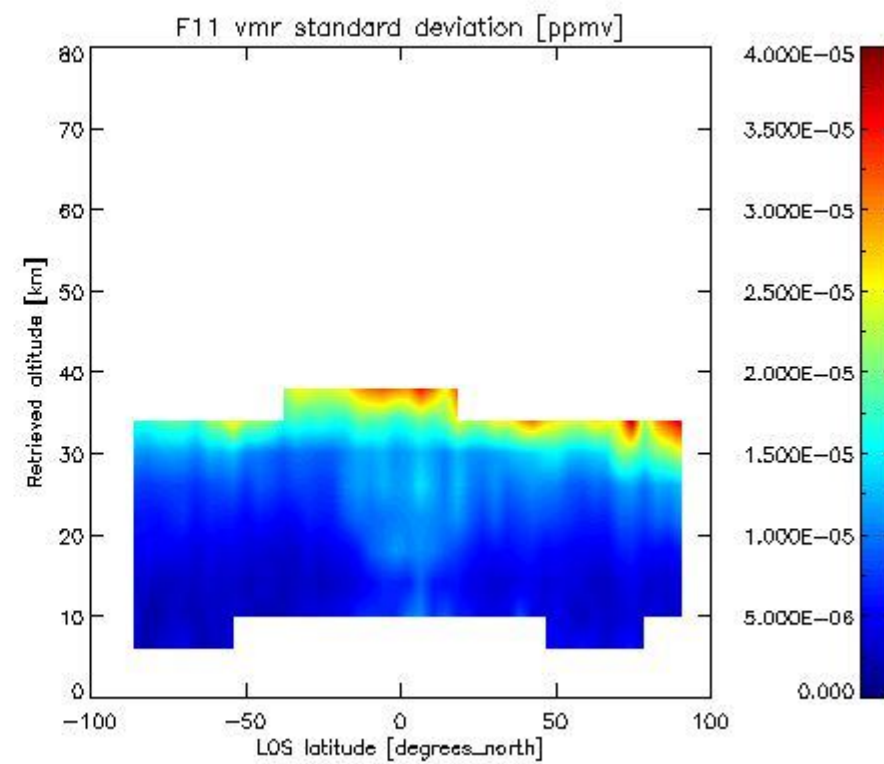
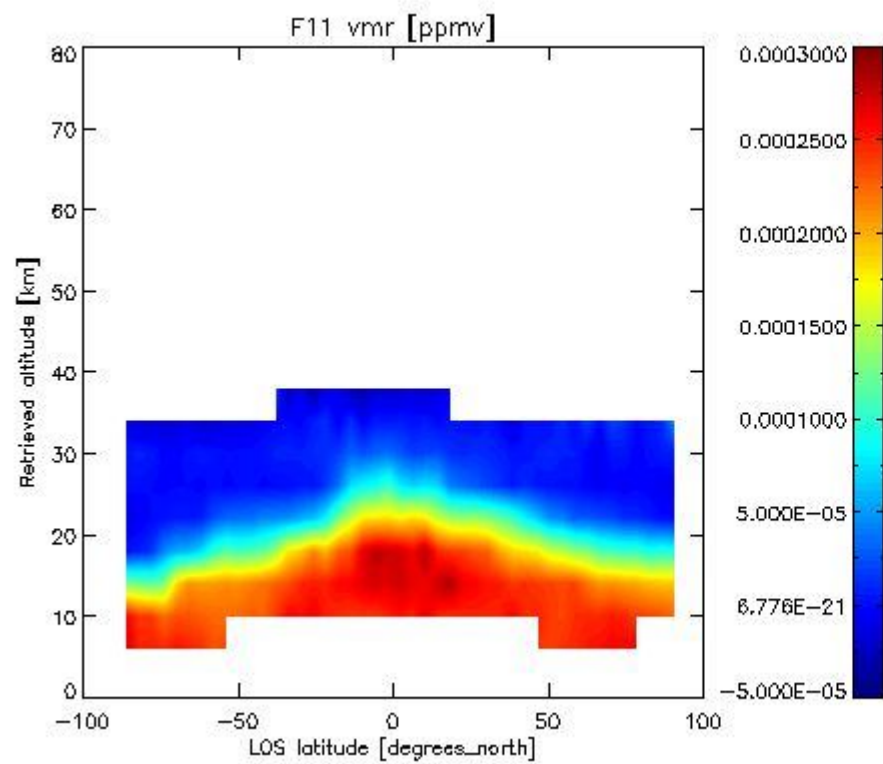


2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 8 km.

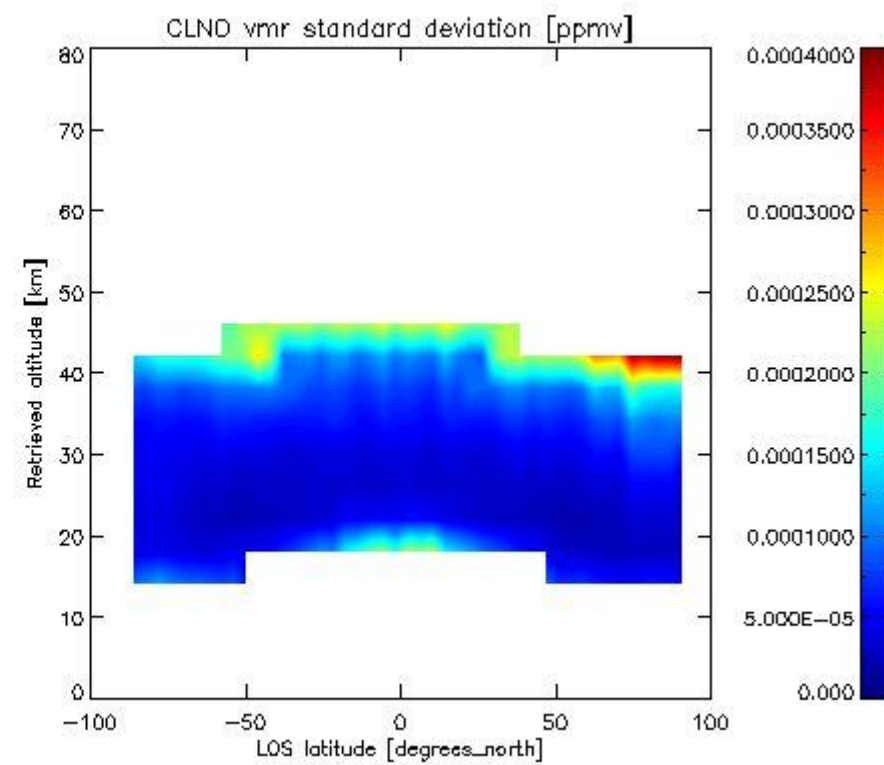
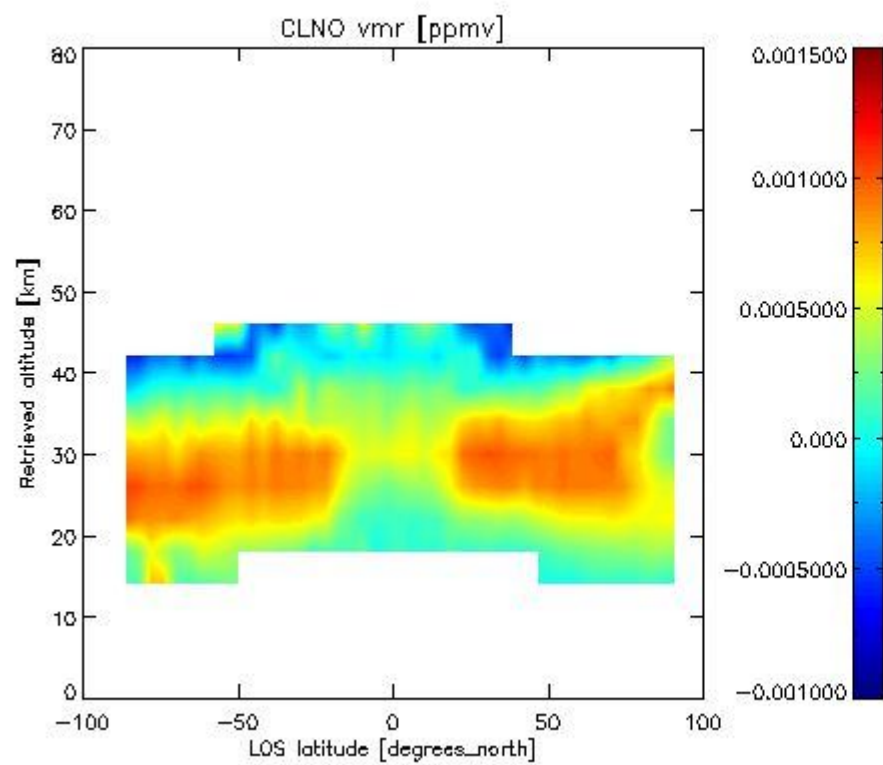


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

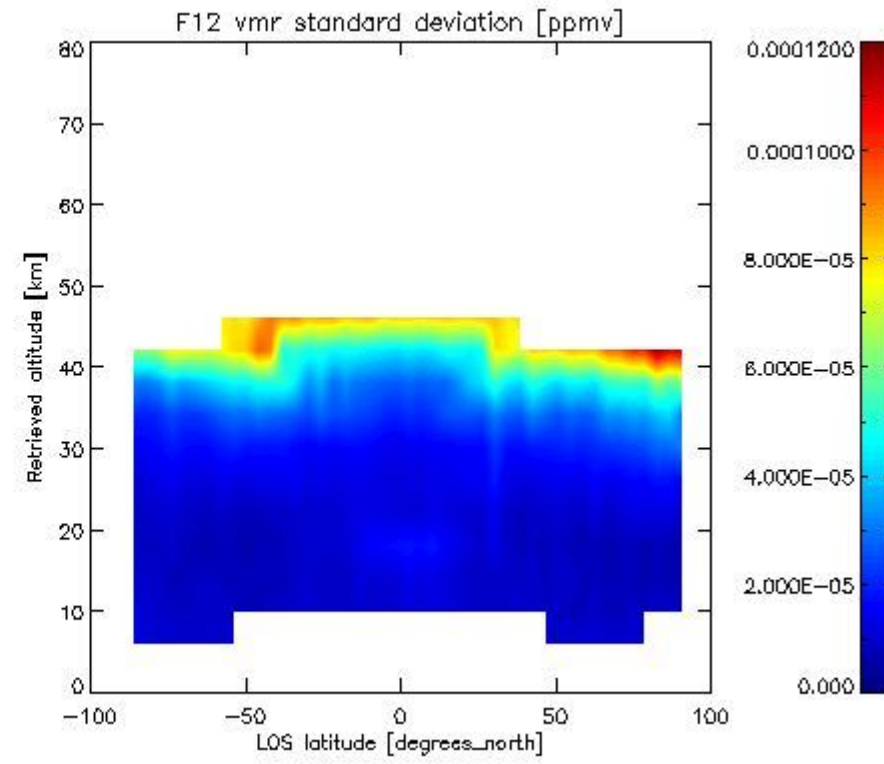
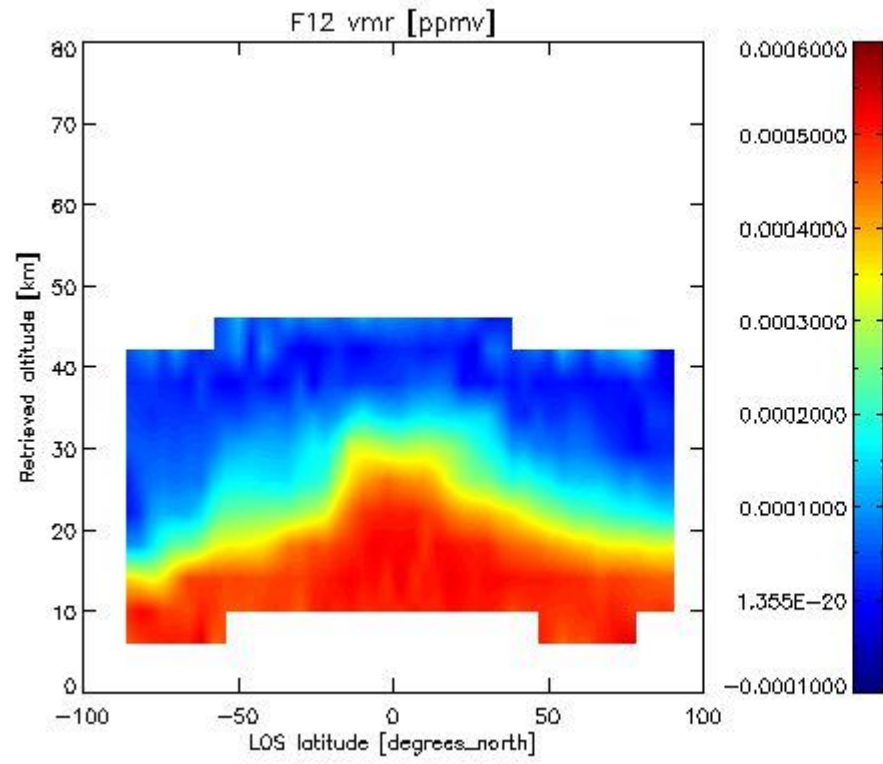
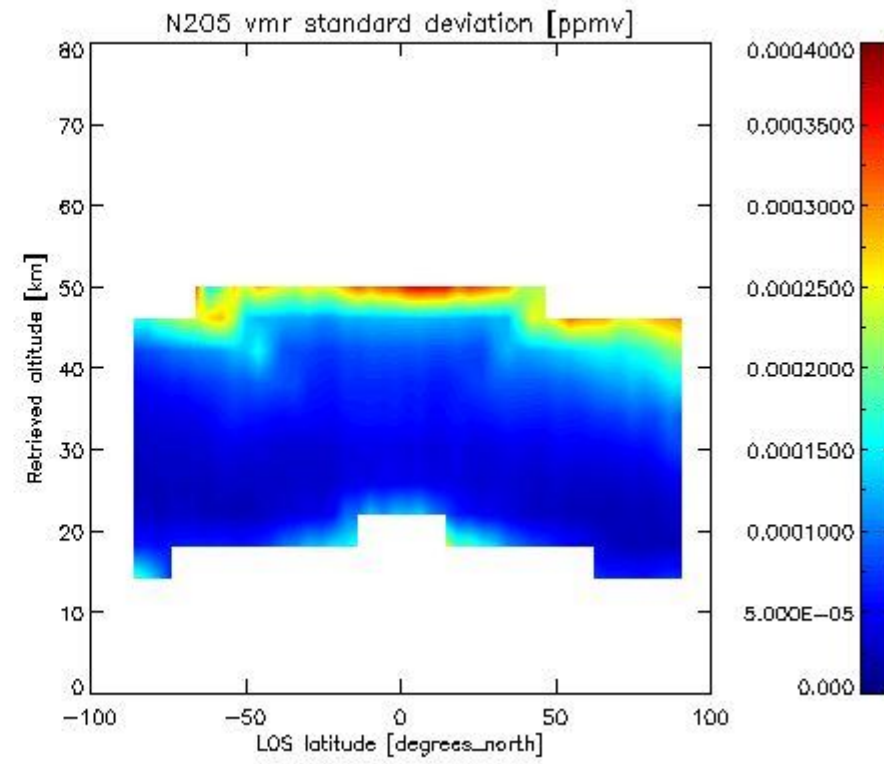
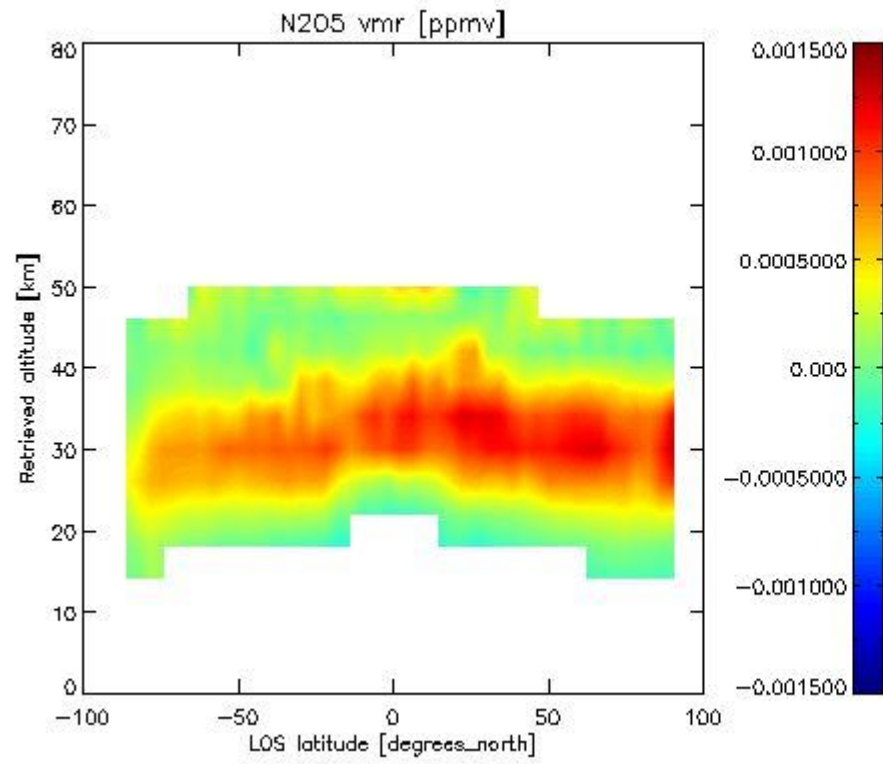




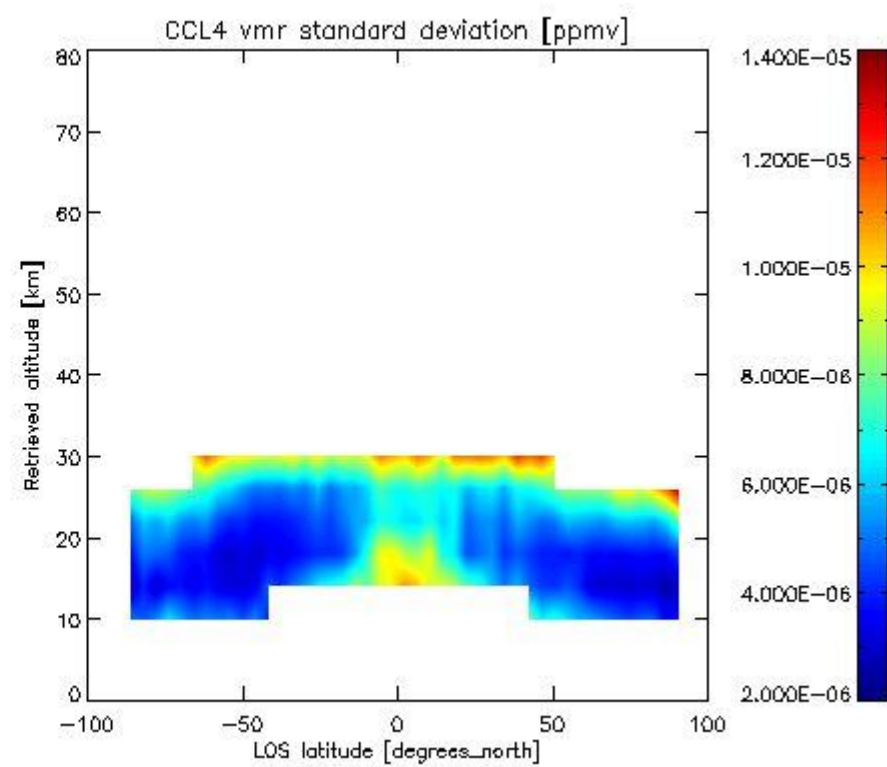
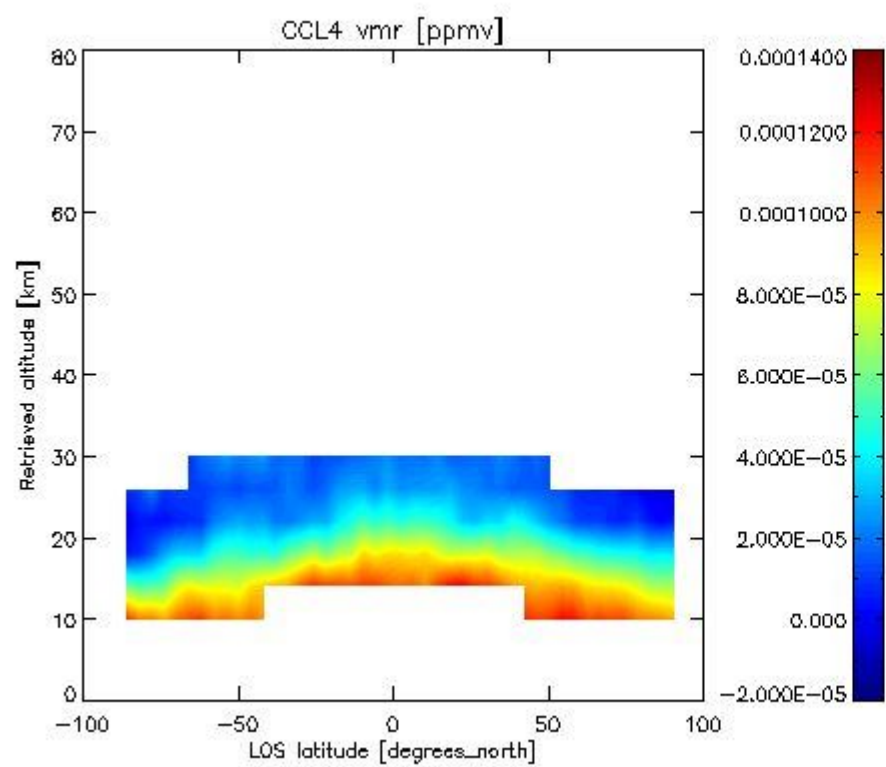
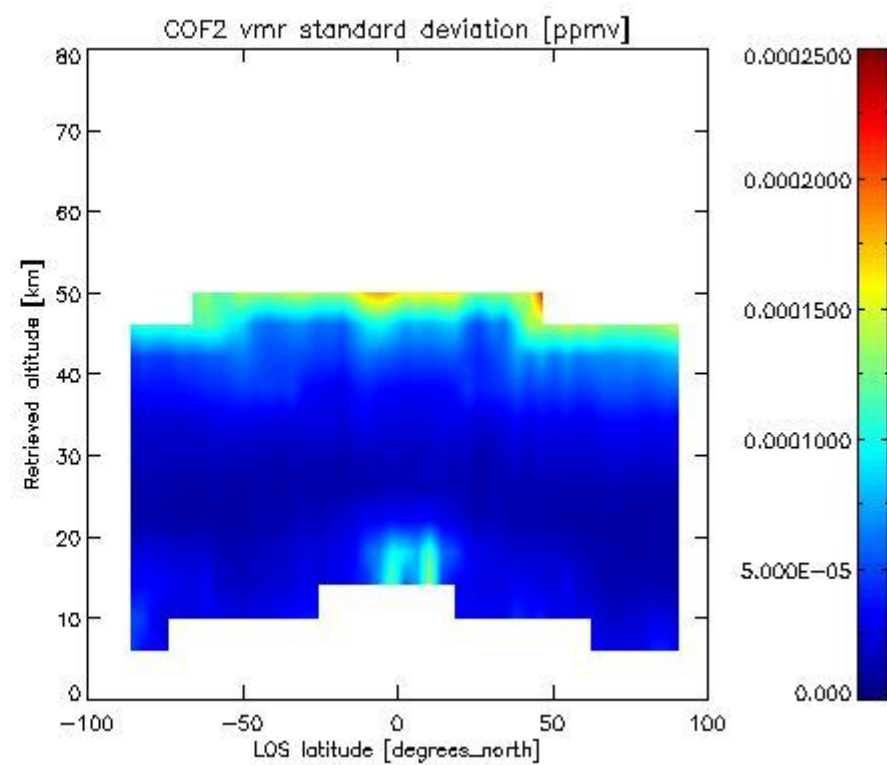
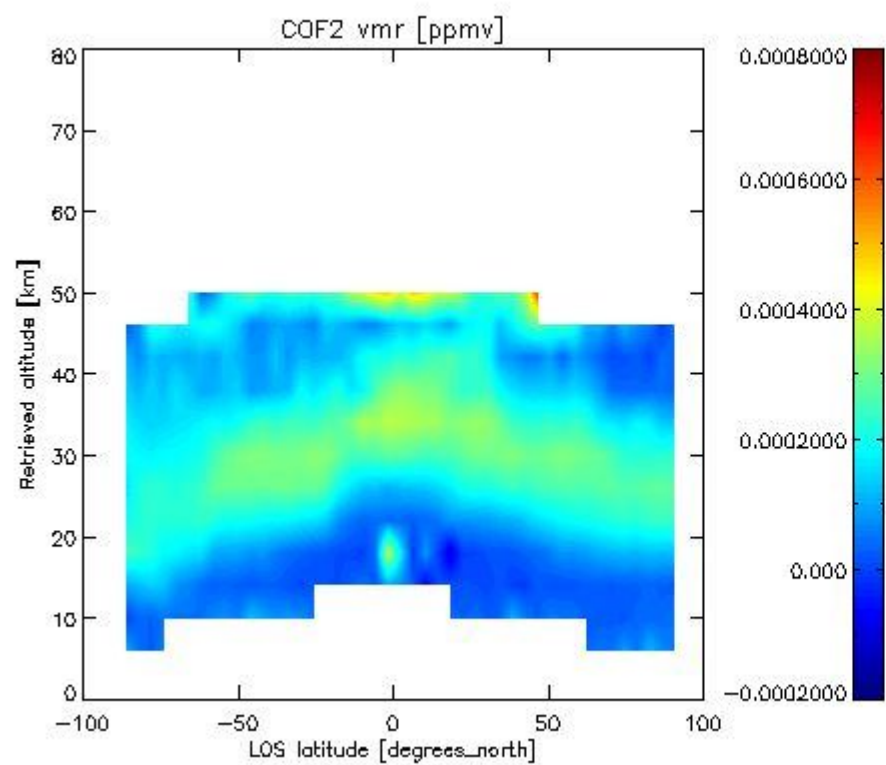
2.3.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

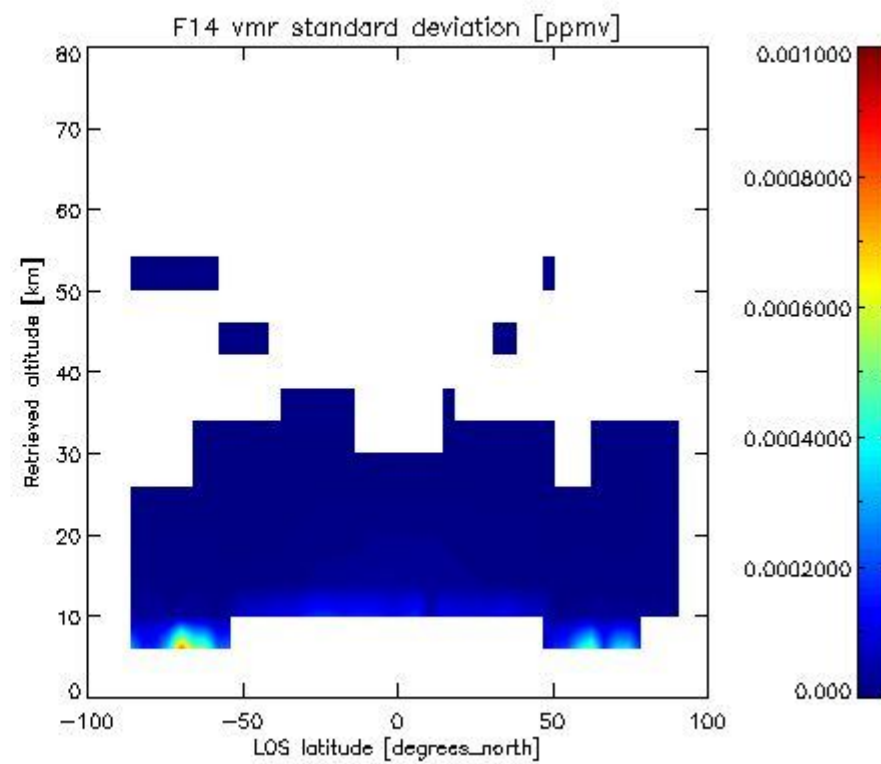
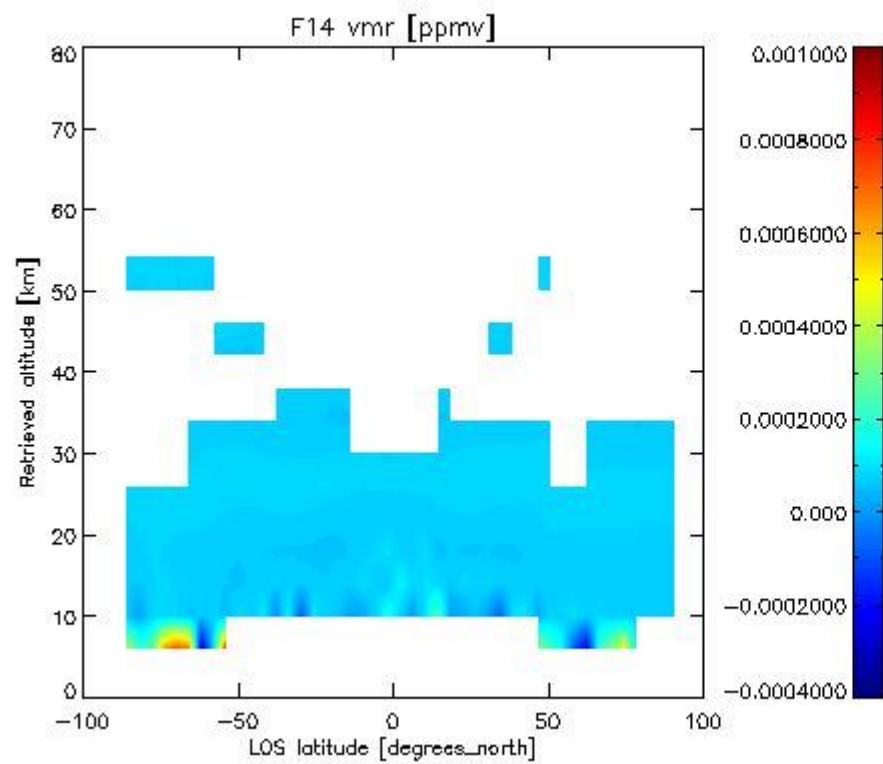
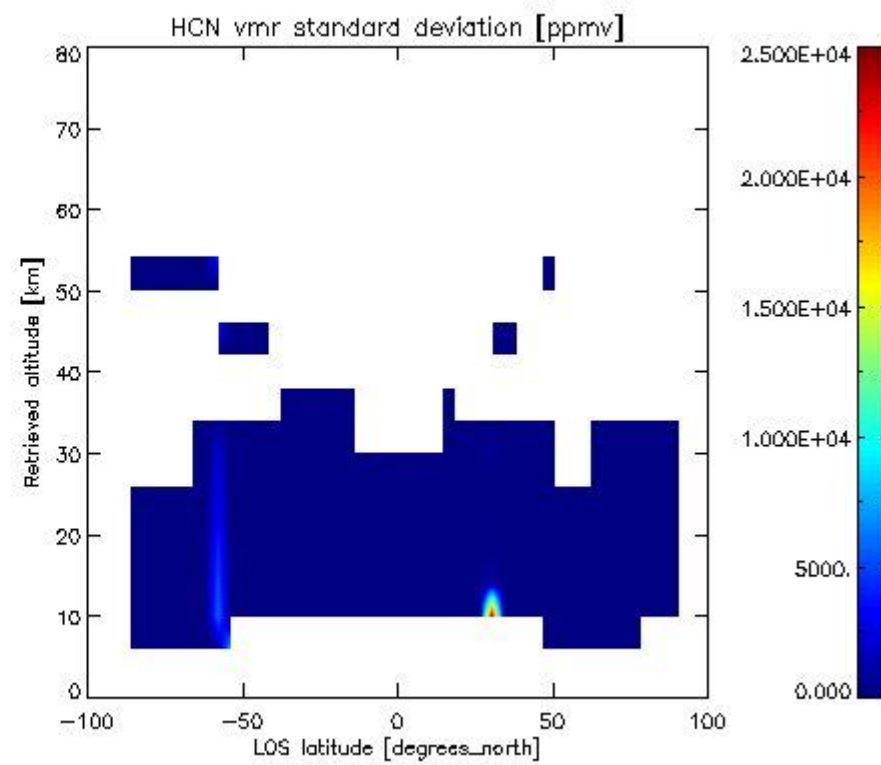
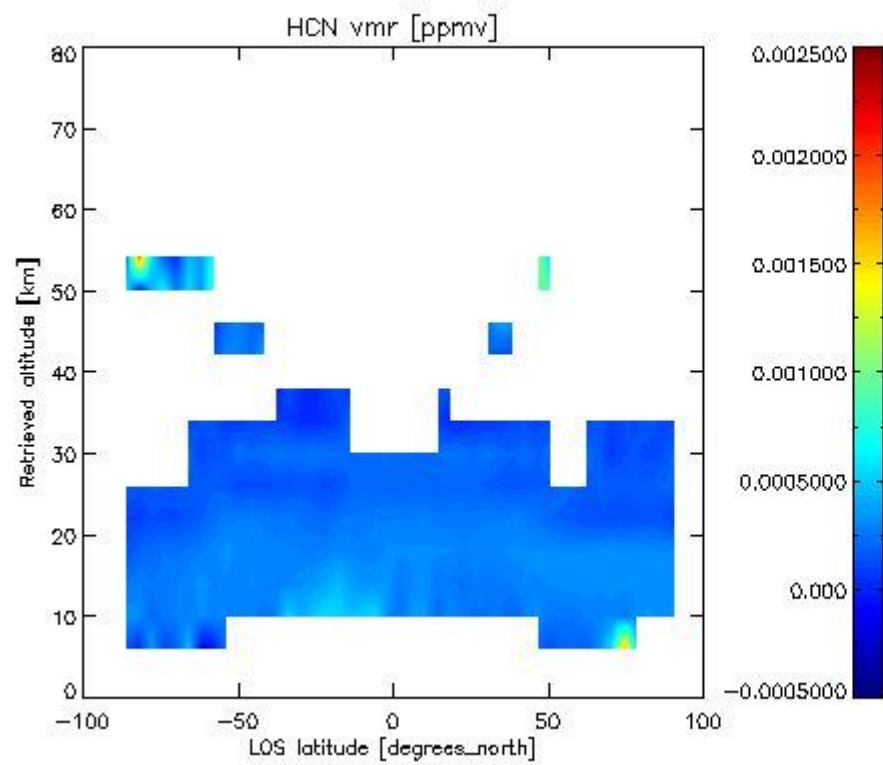


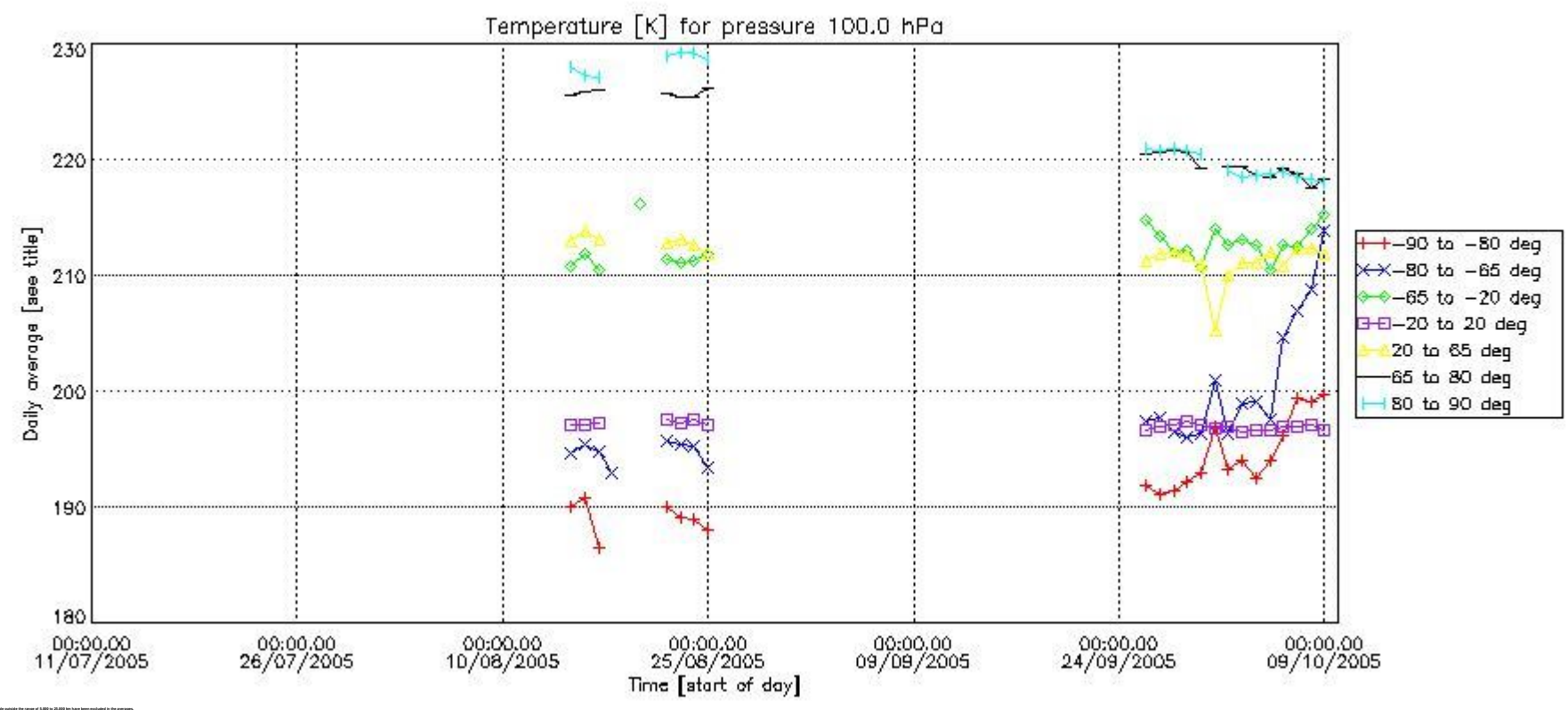
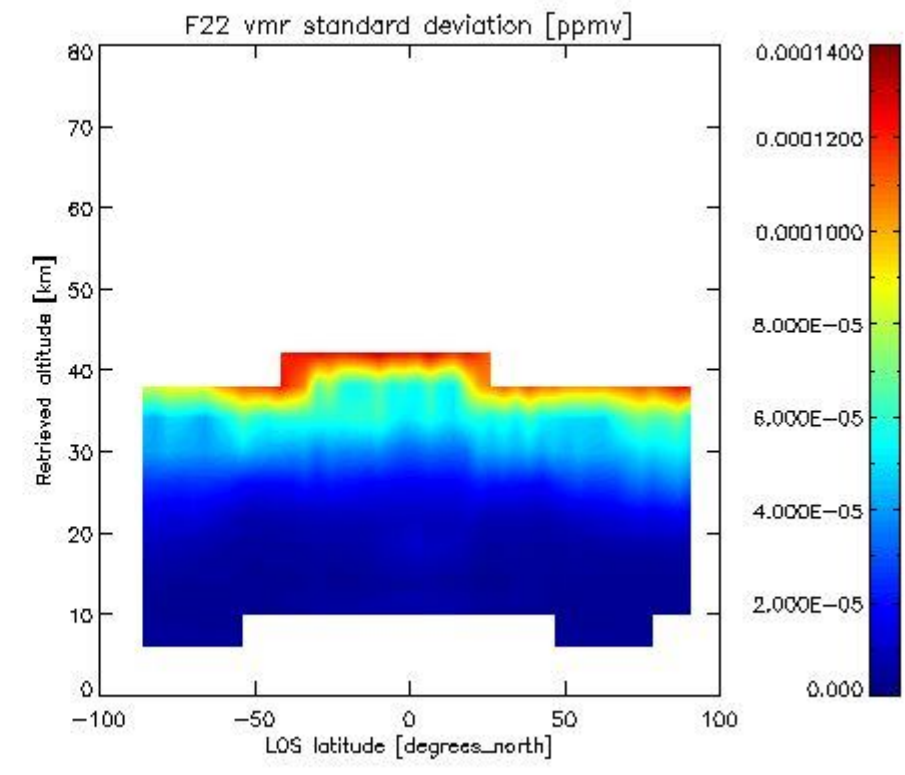
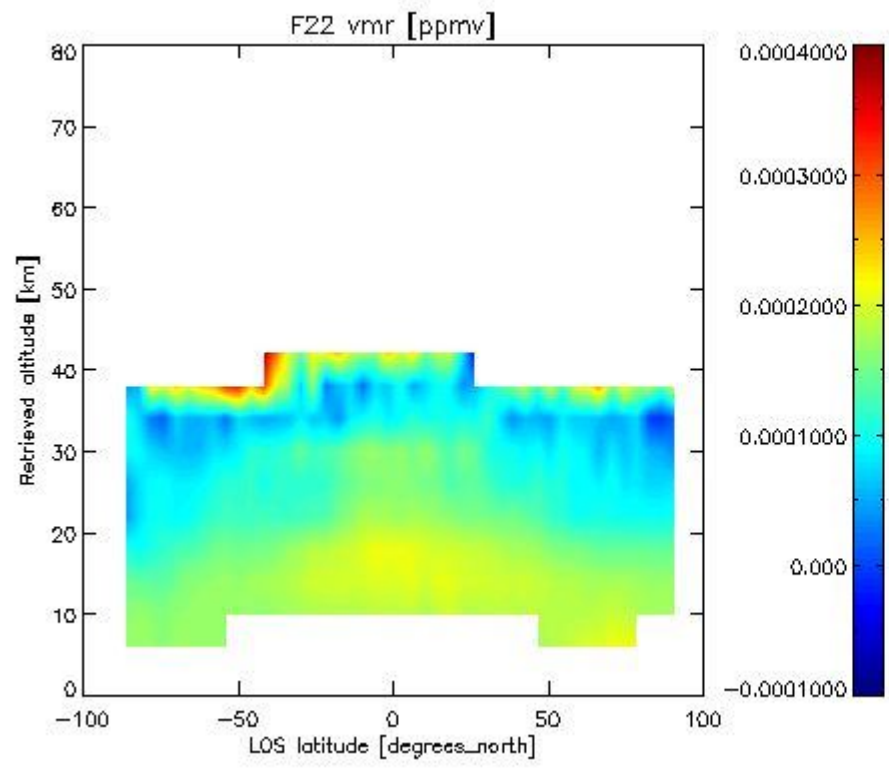
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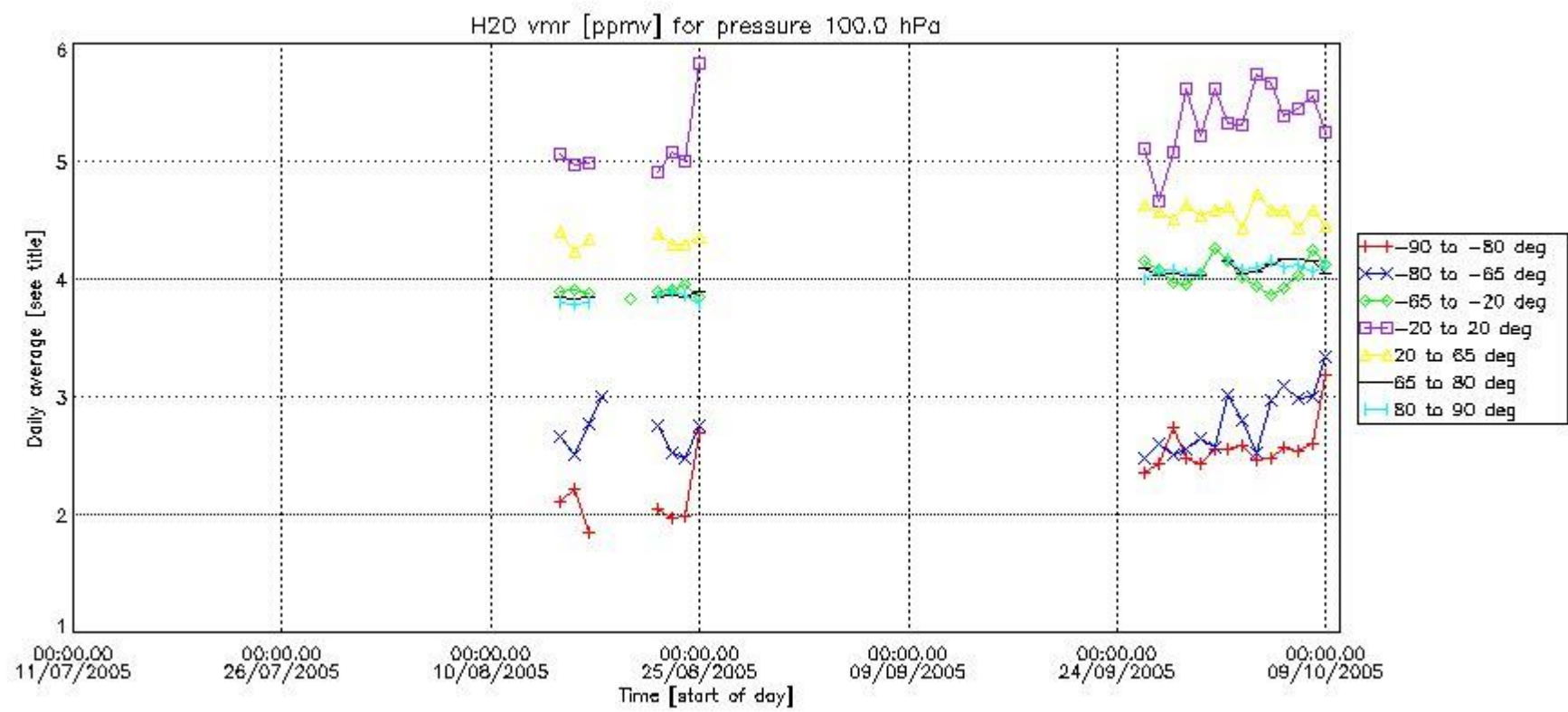
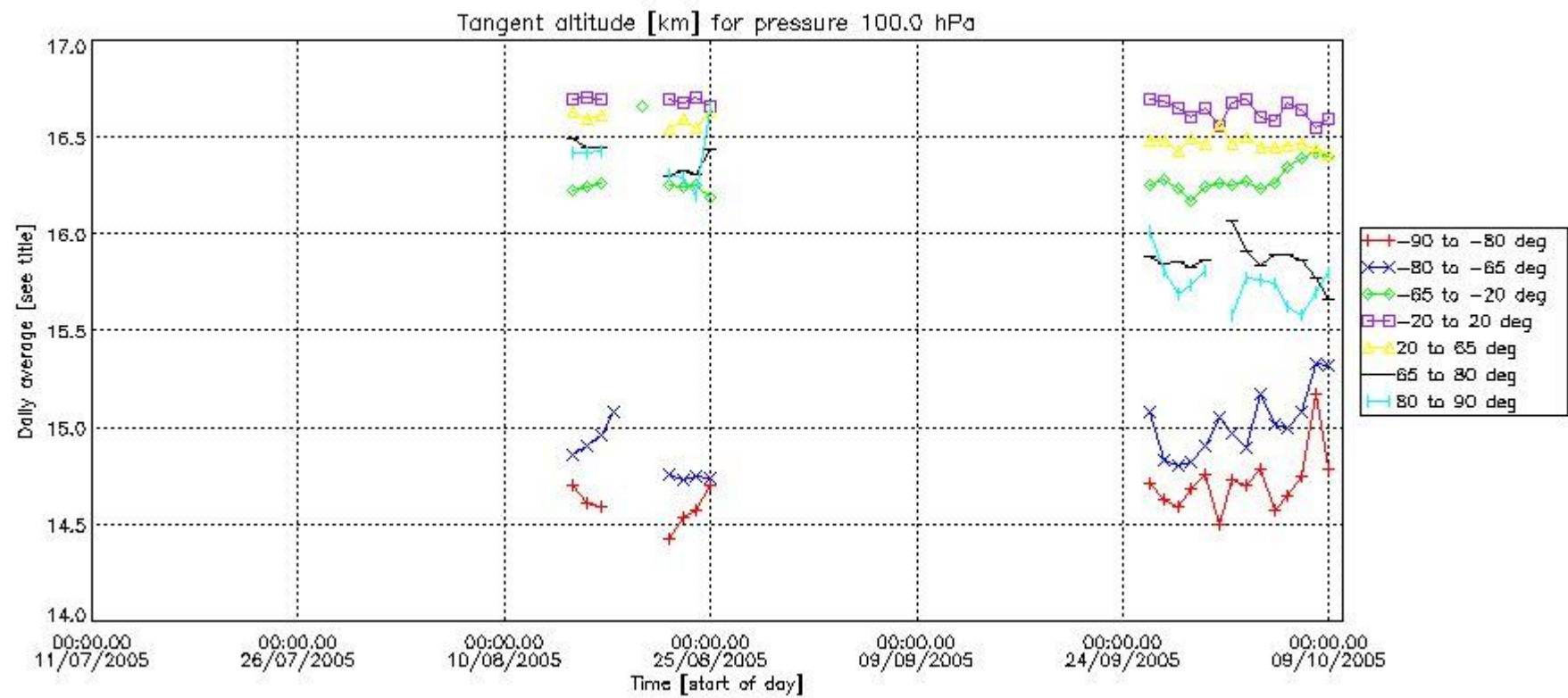


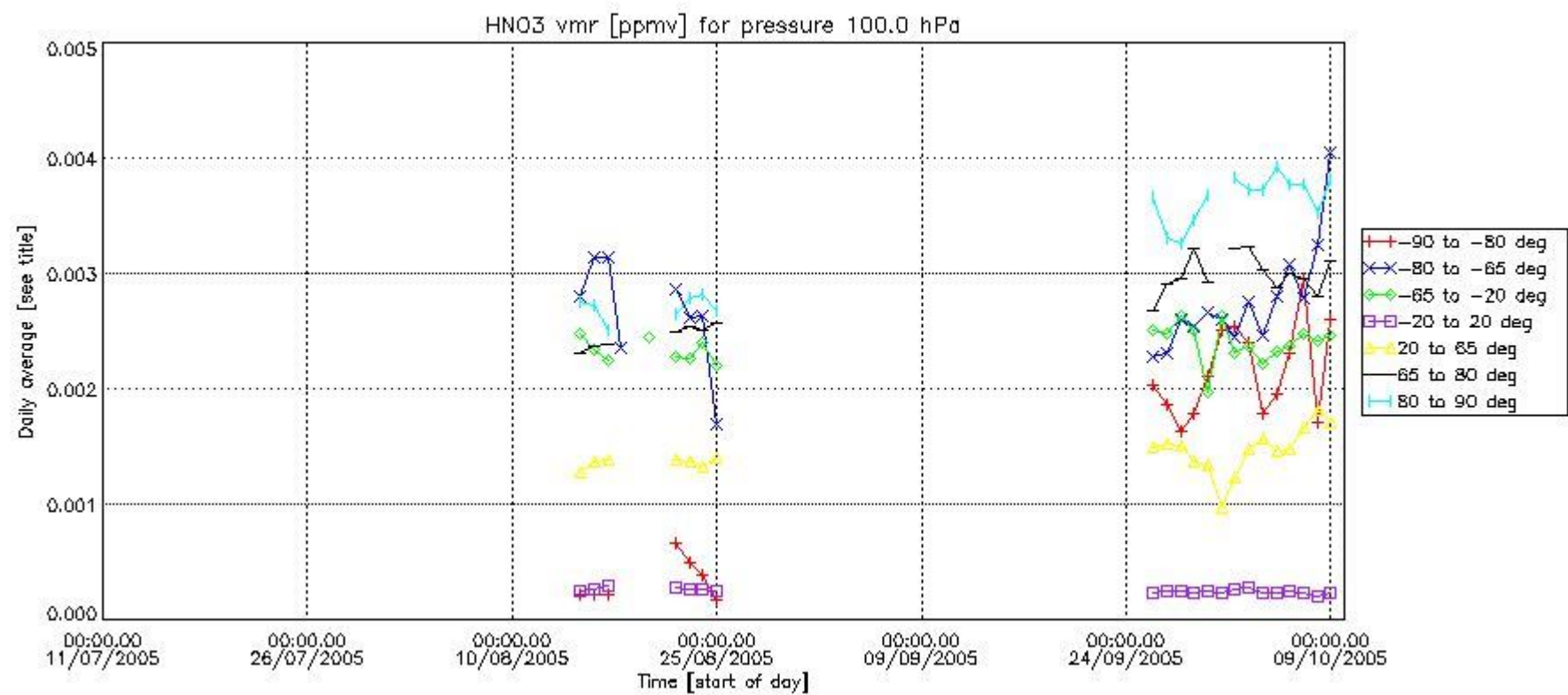
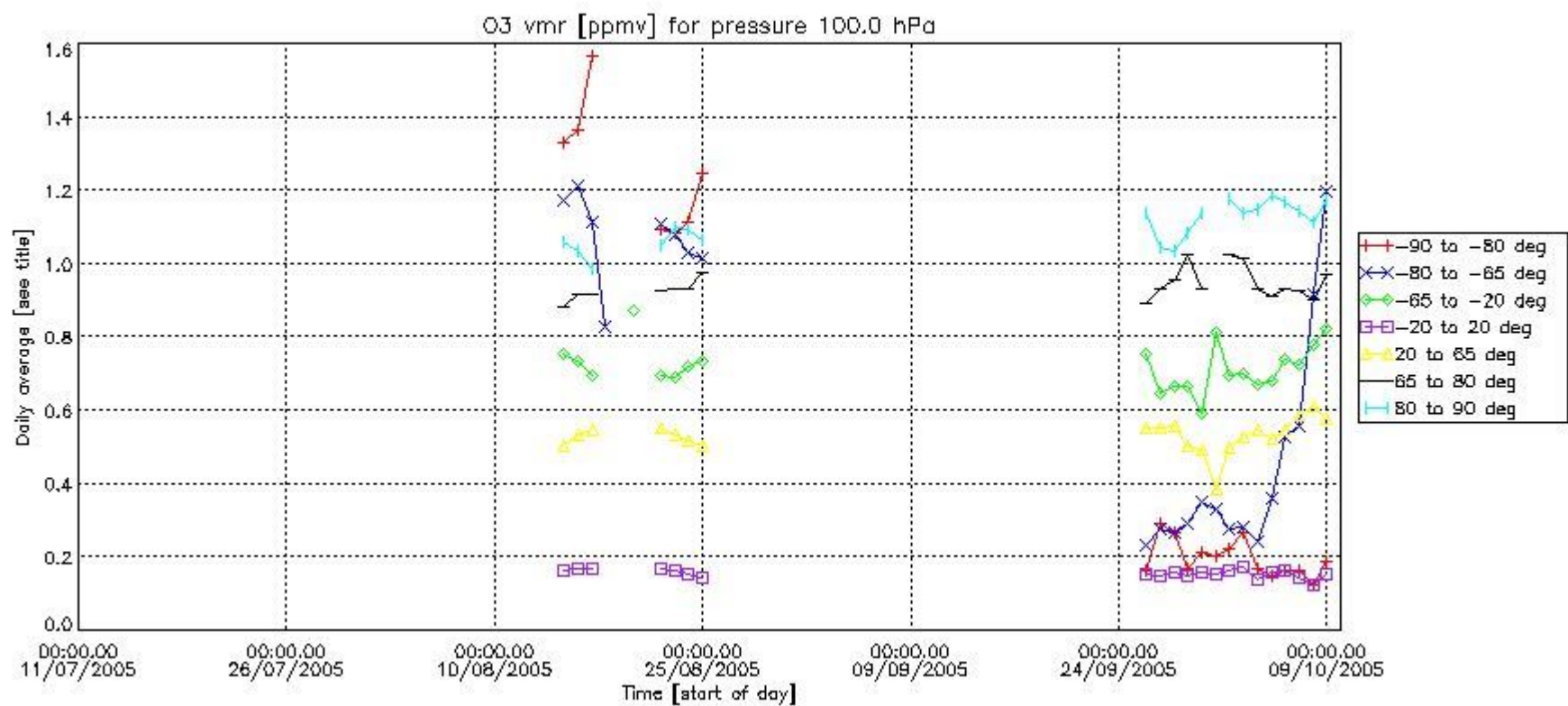


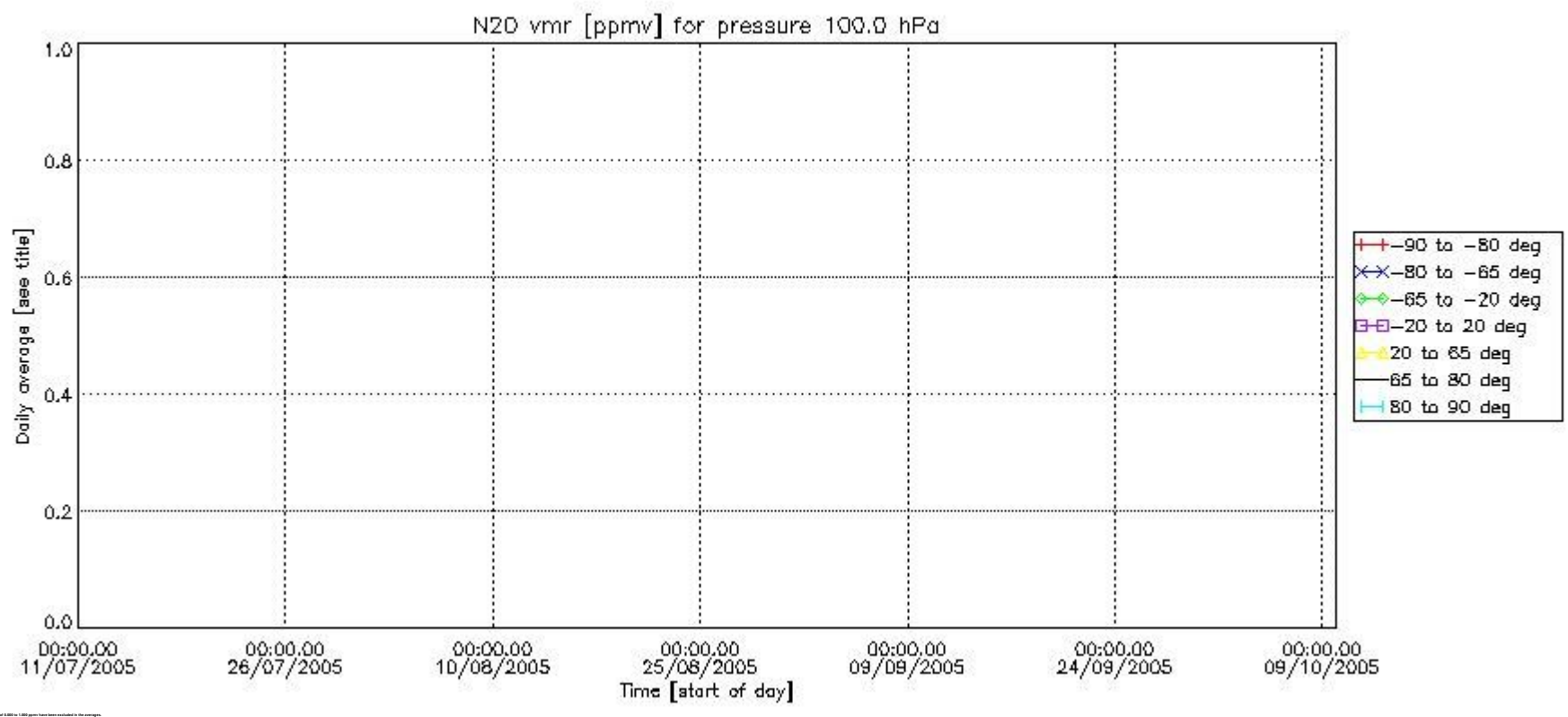
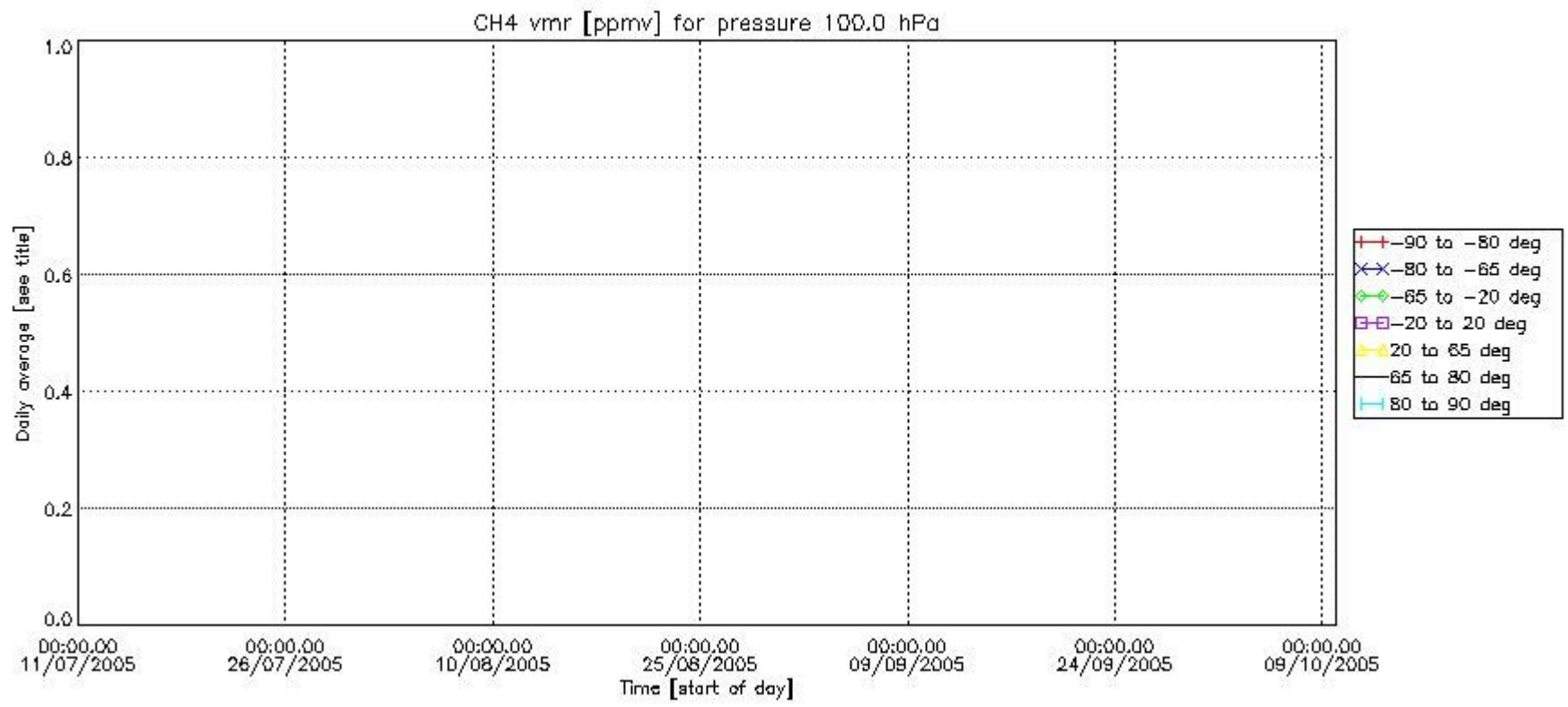




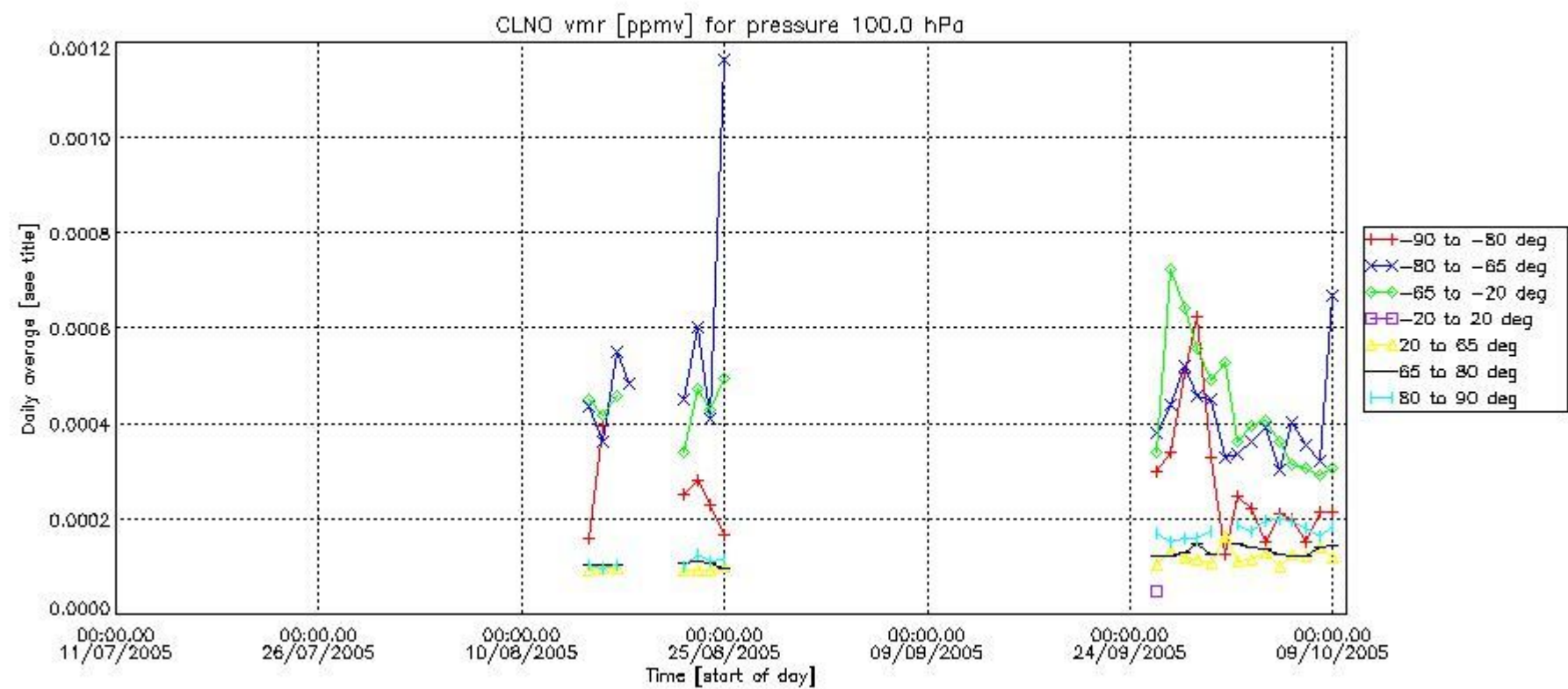
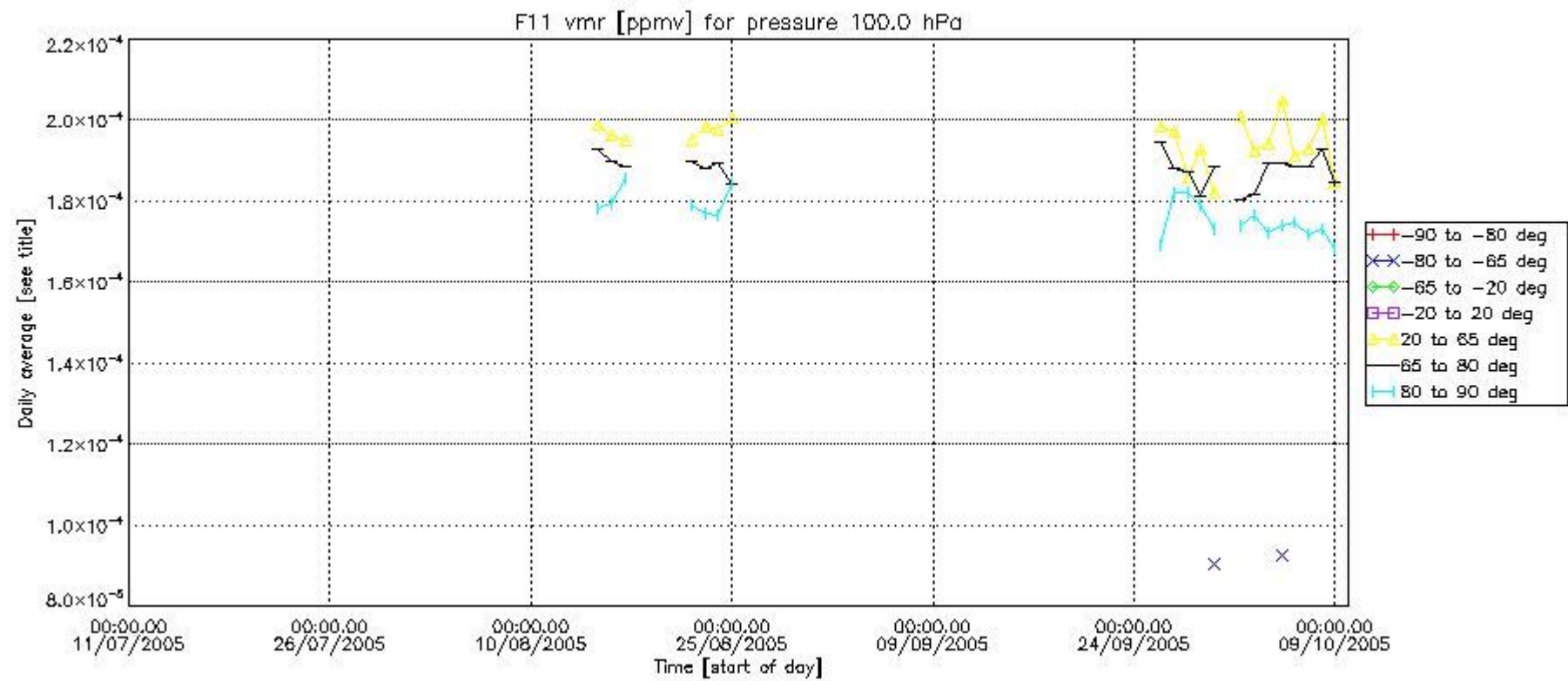


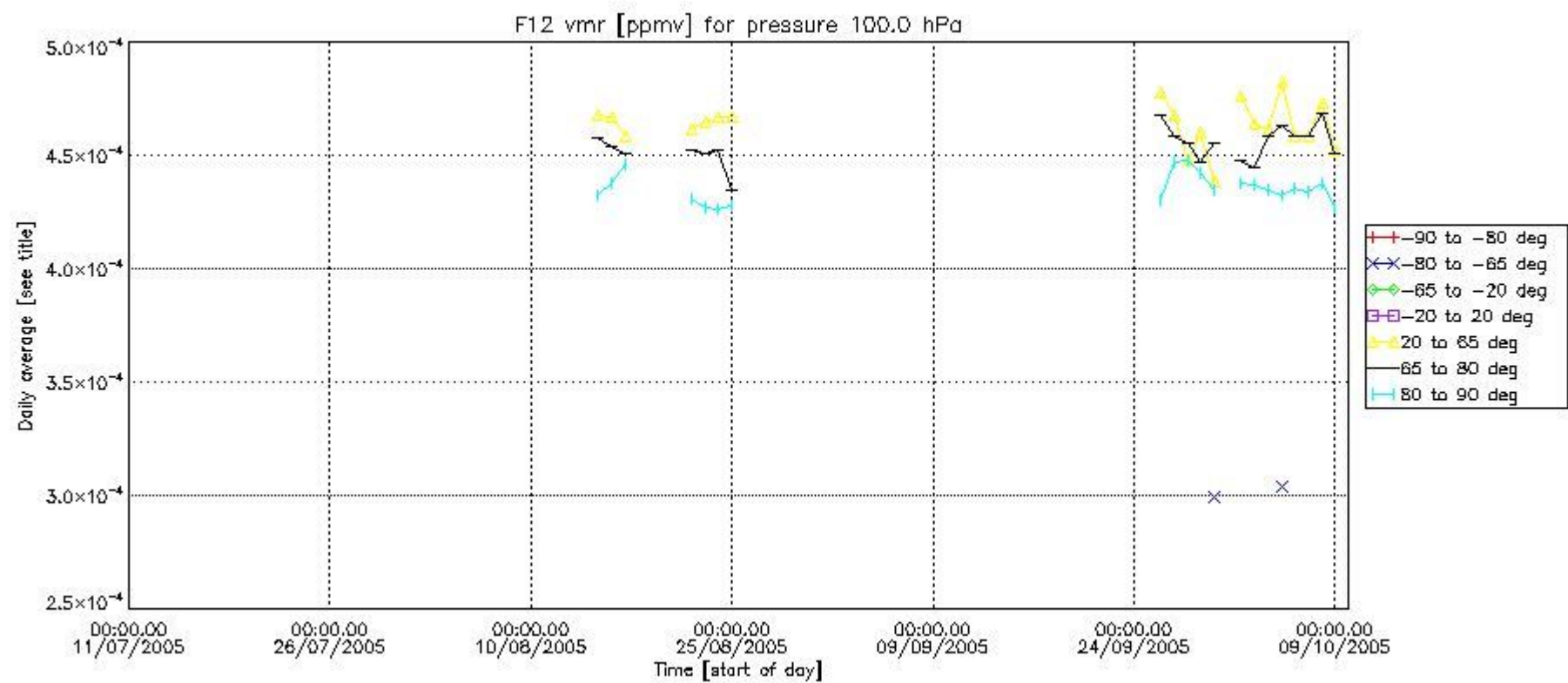
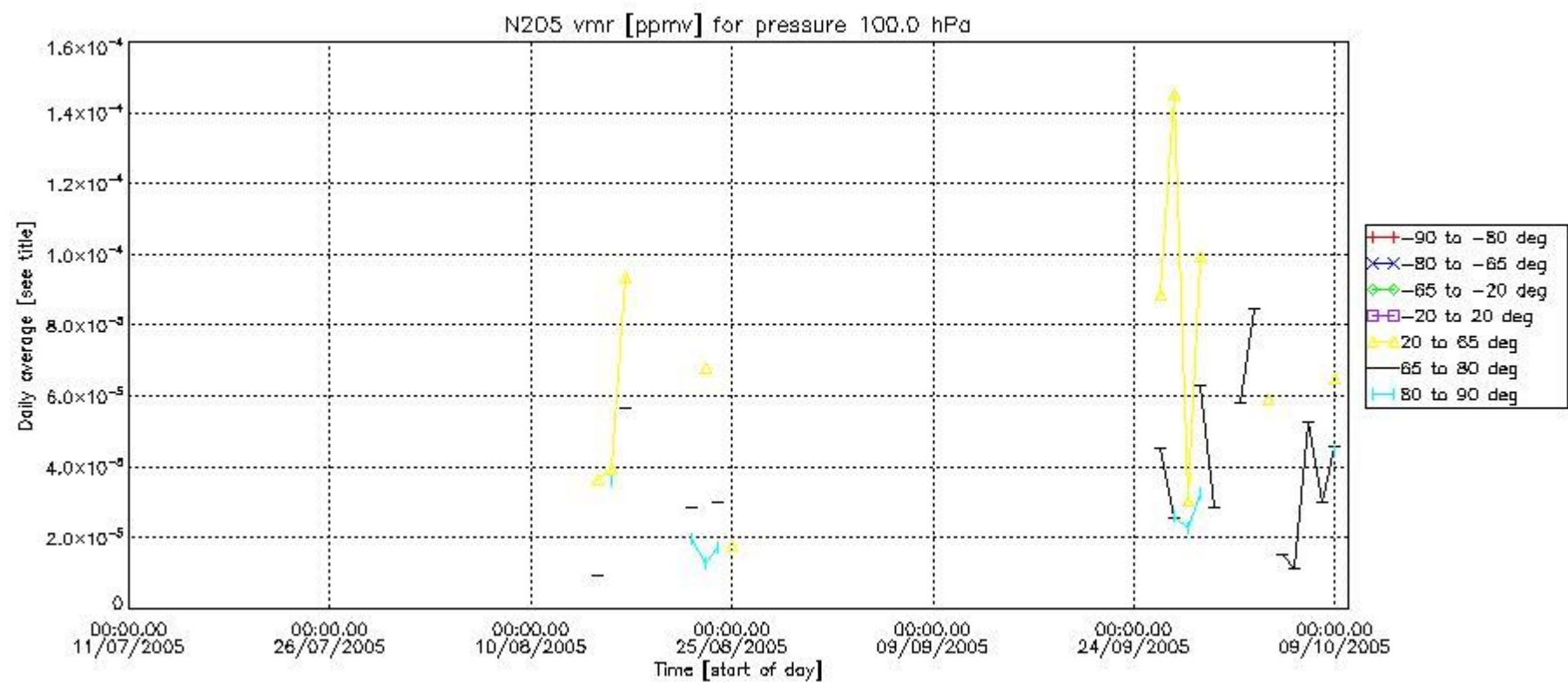


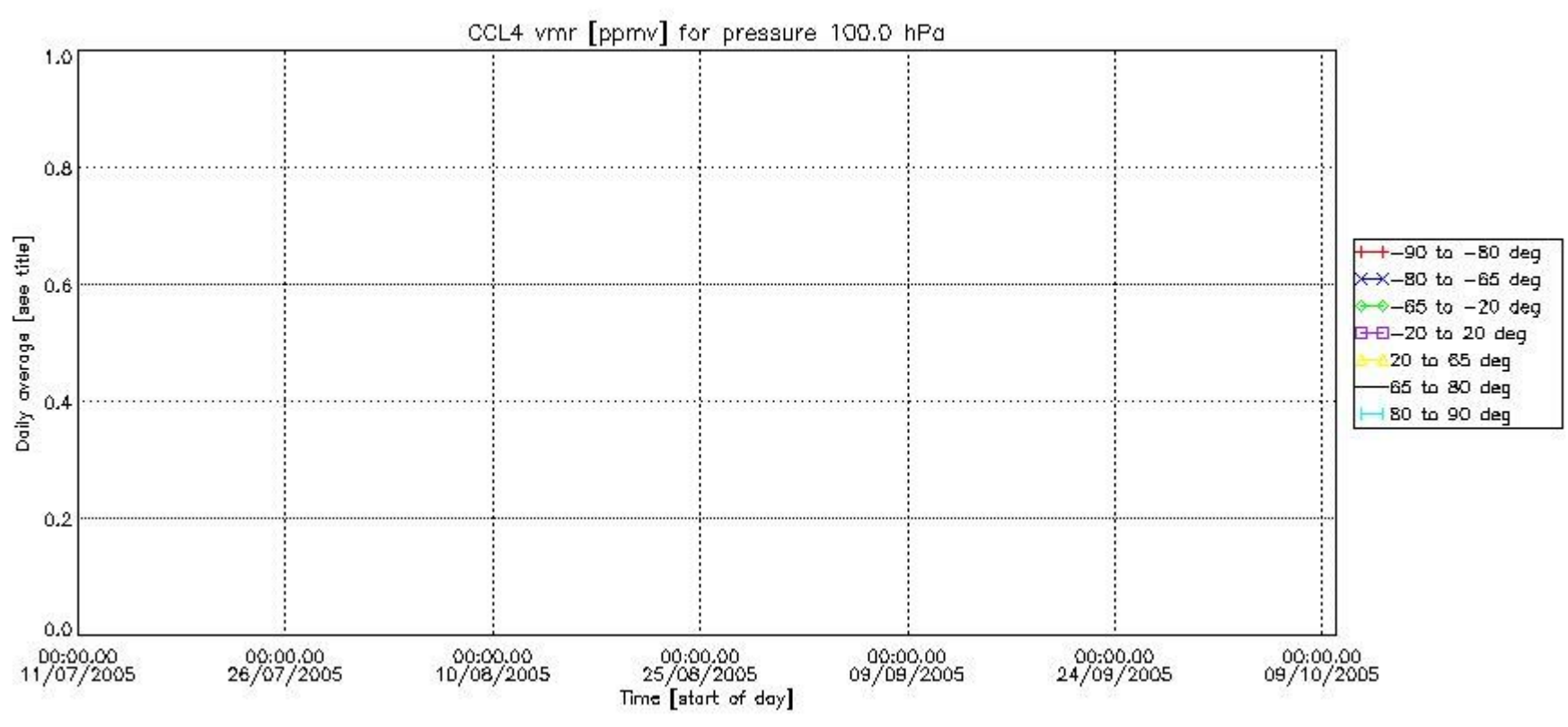
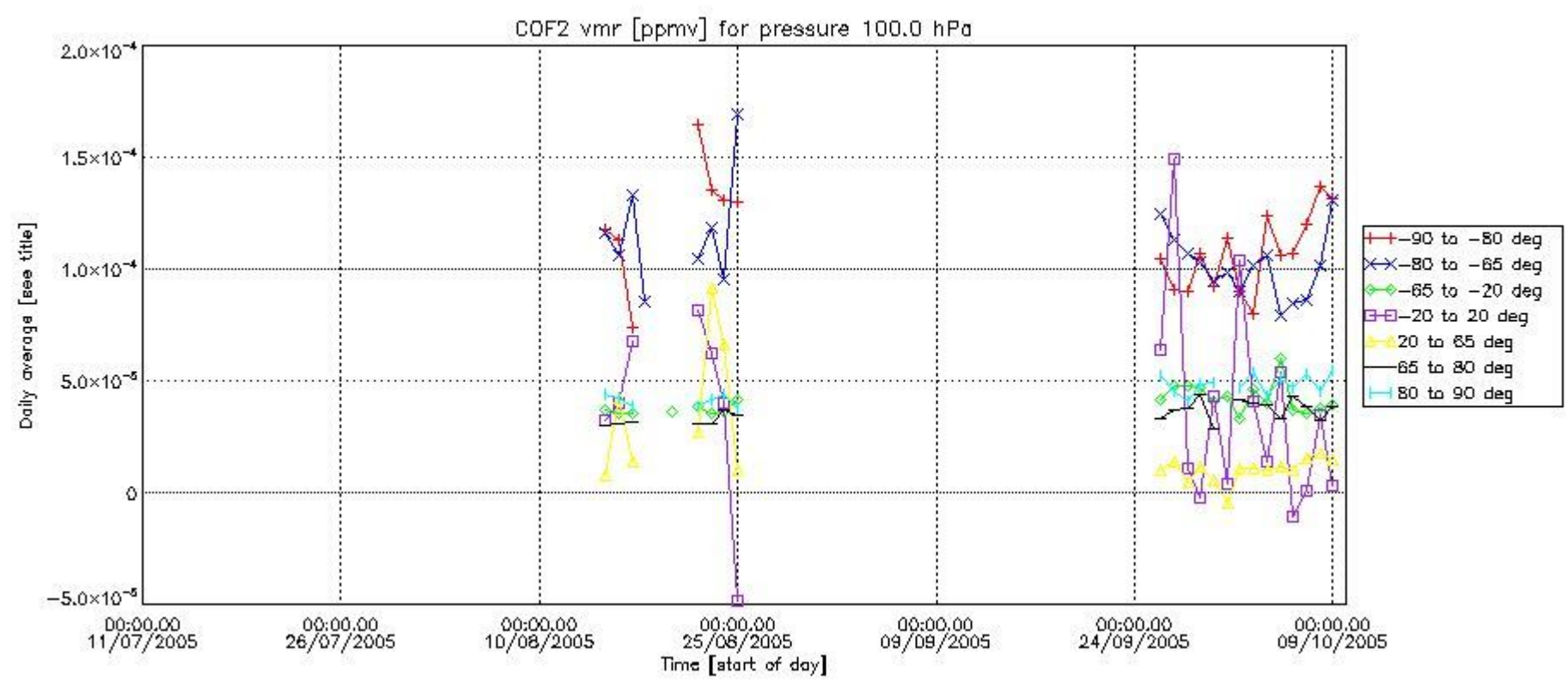




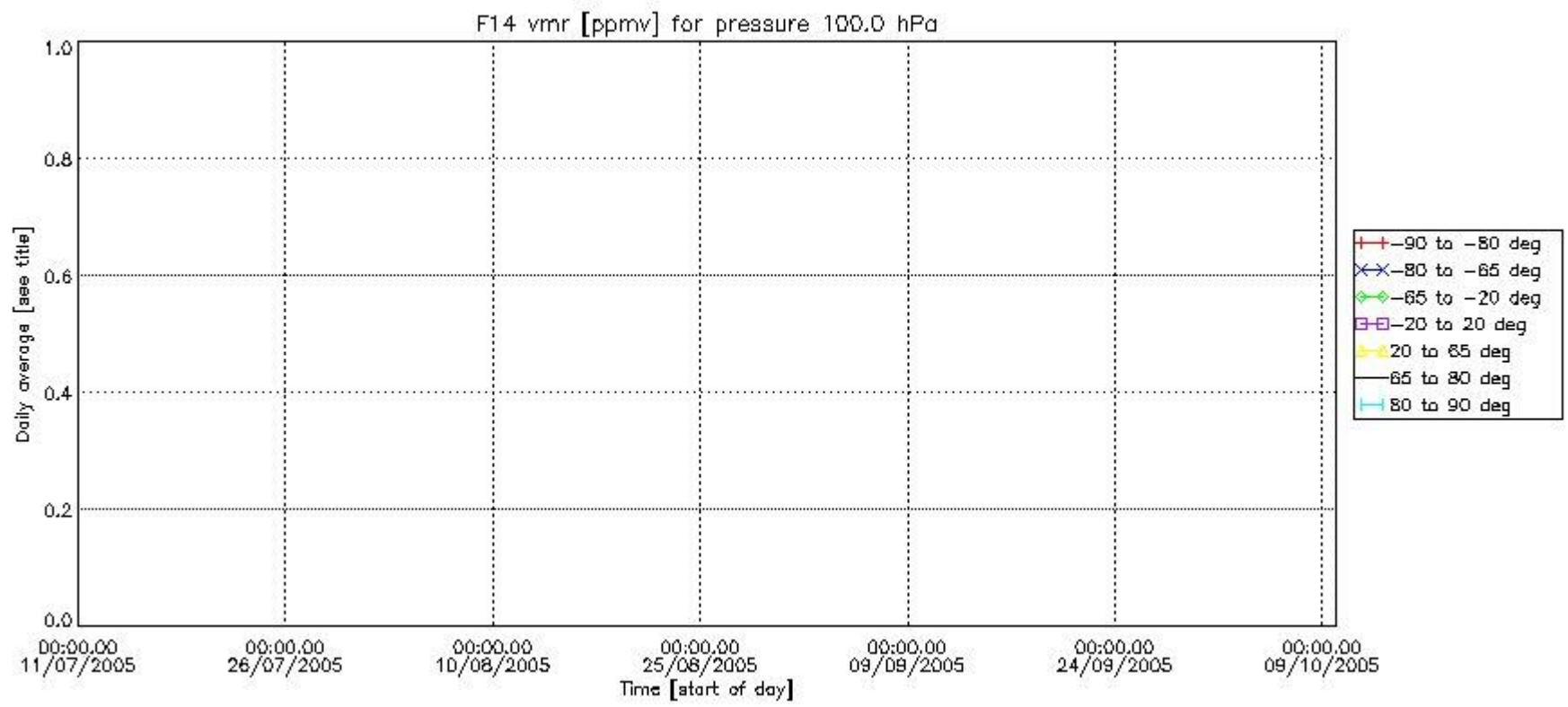
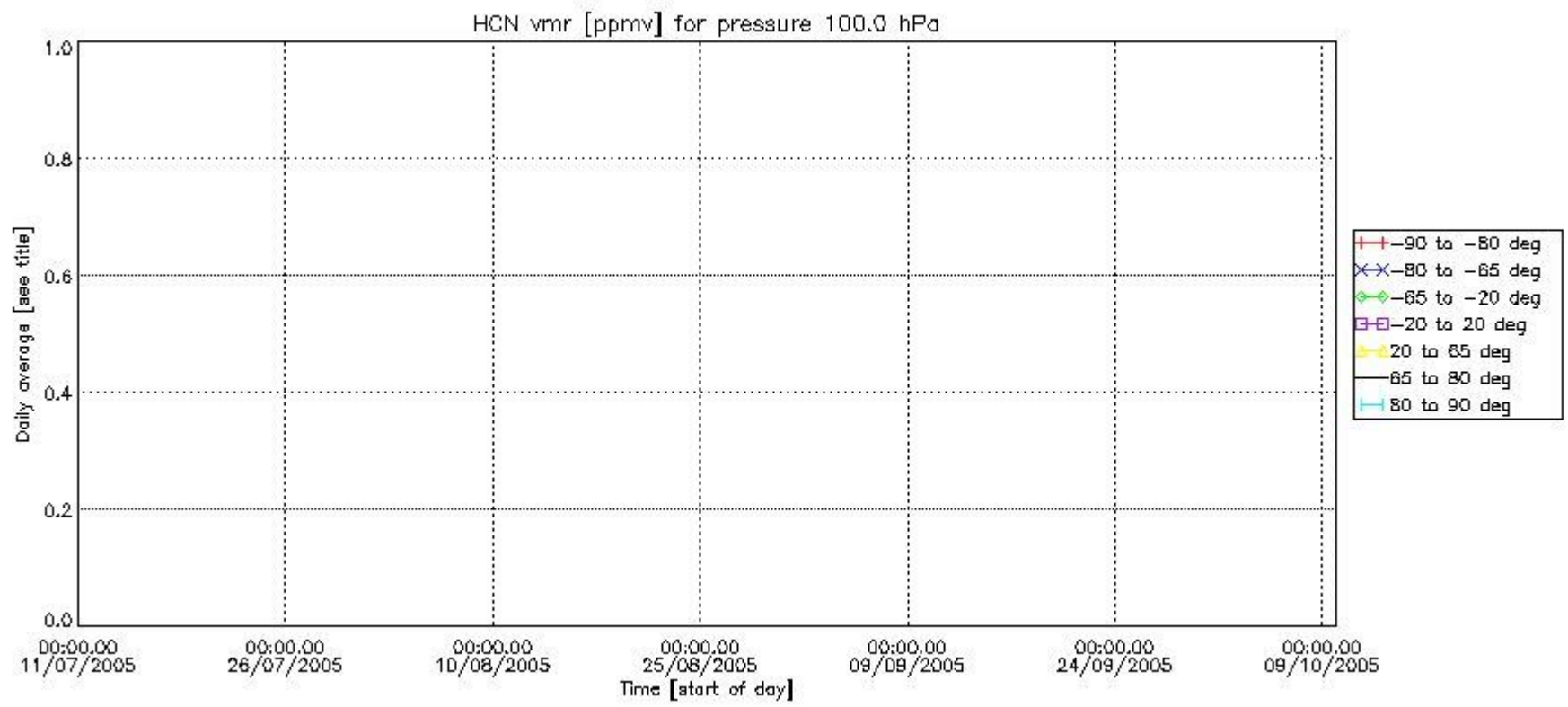


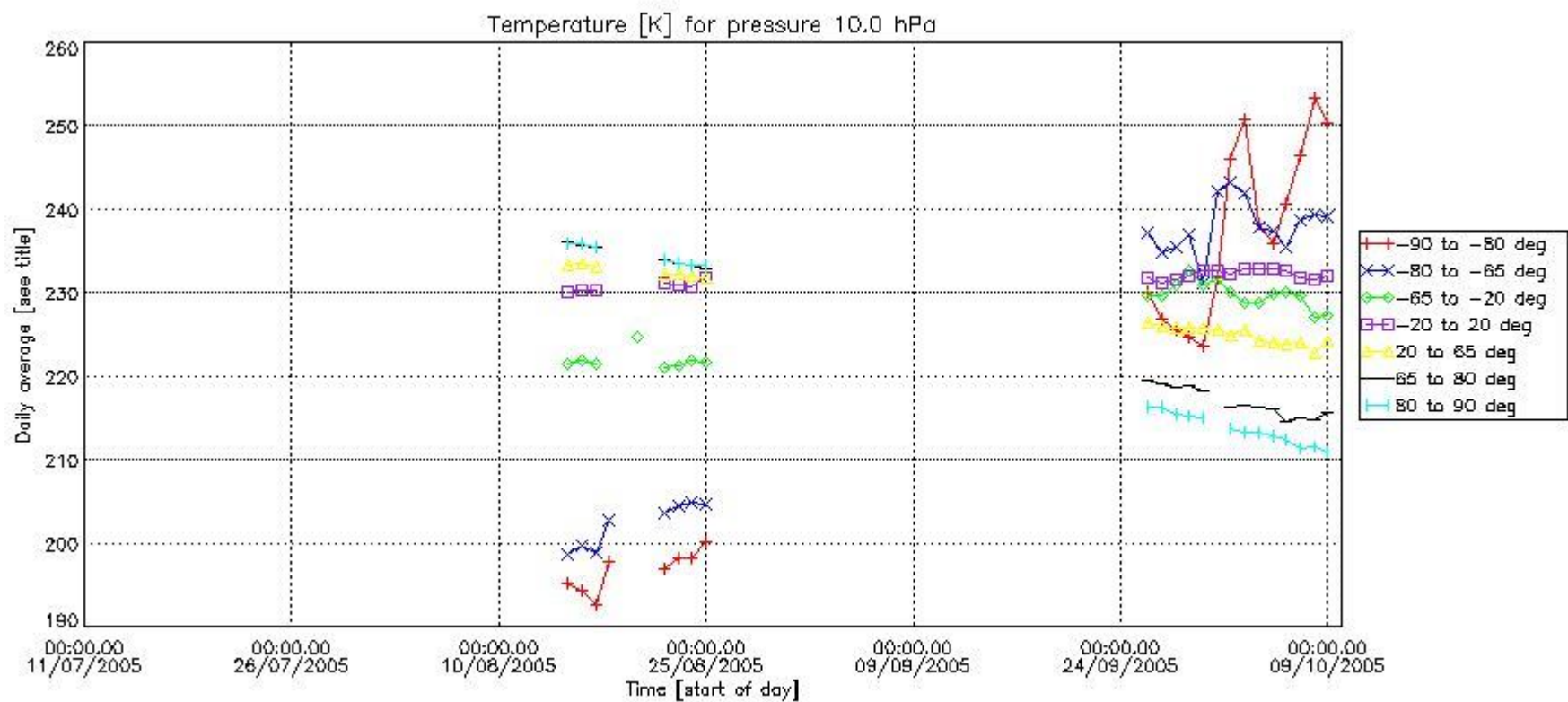
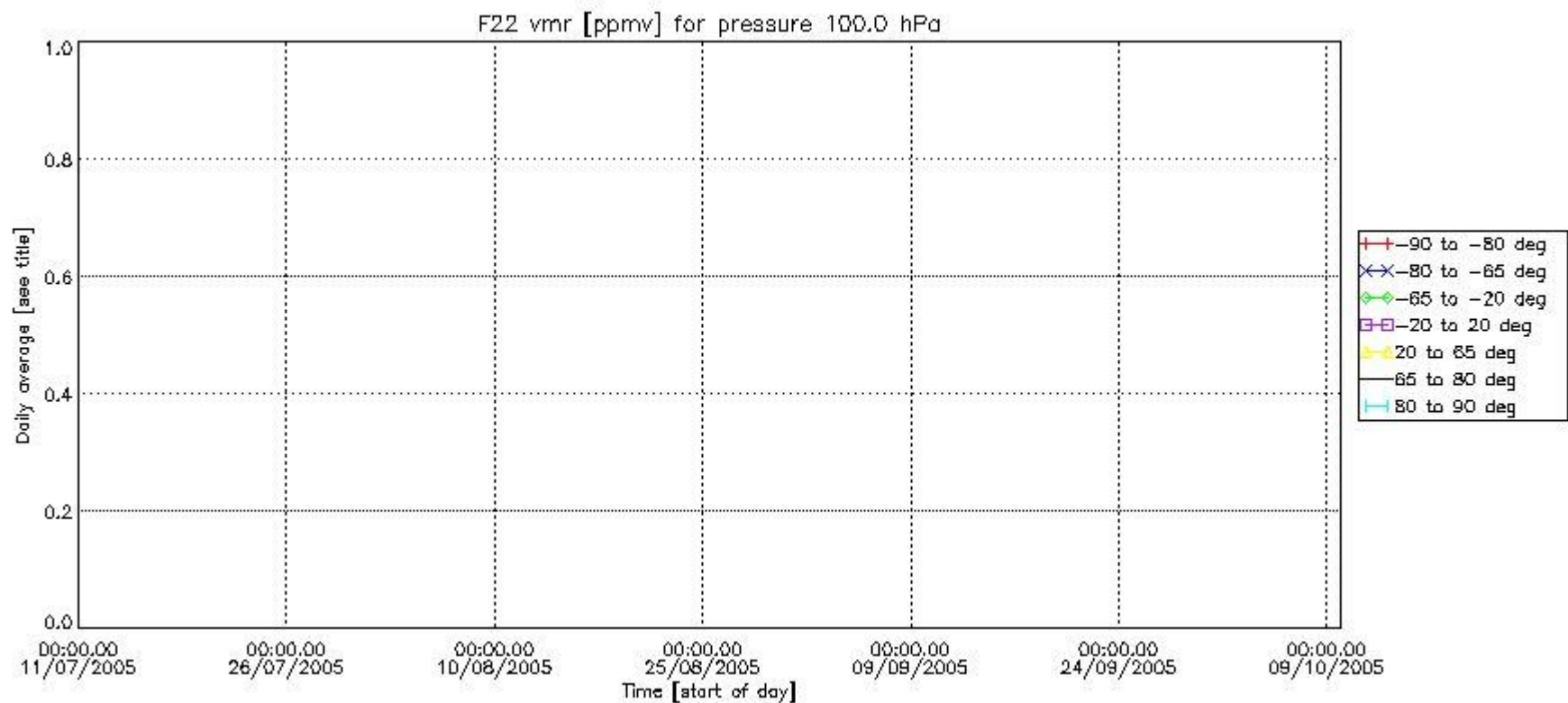


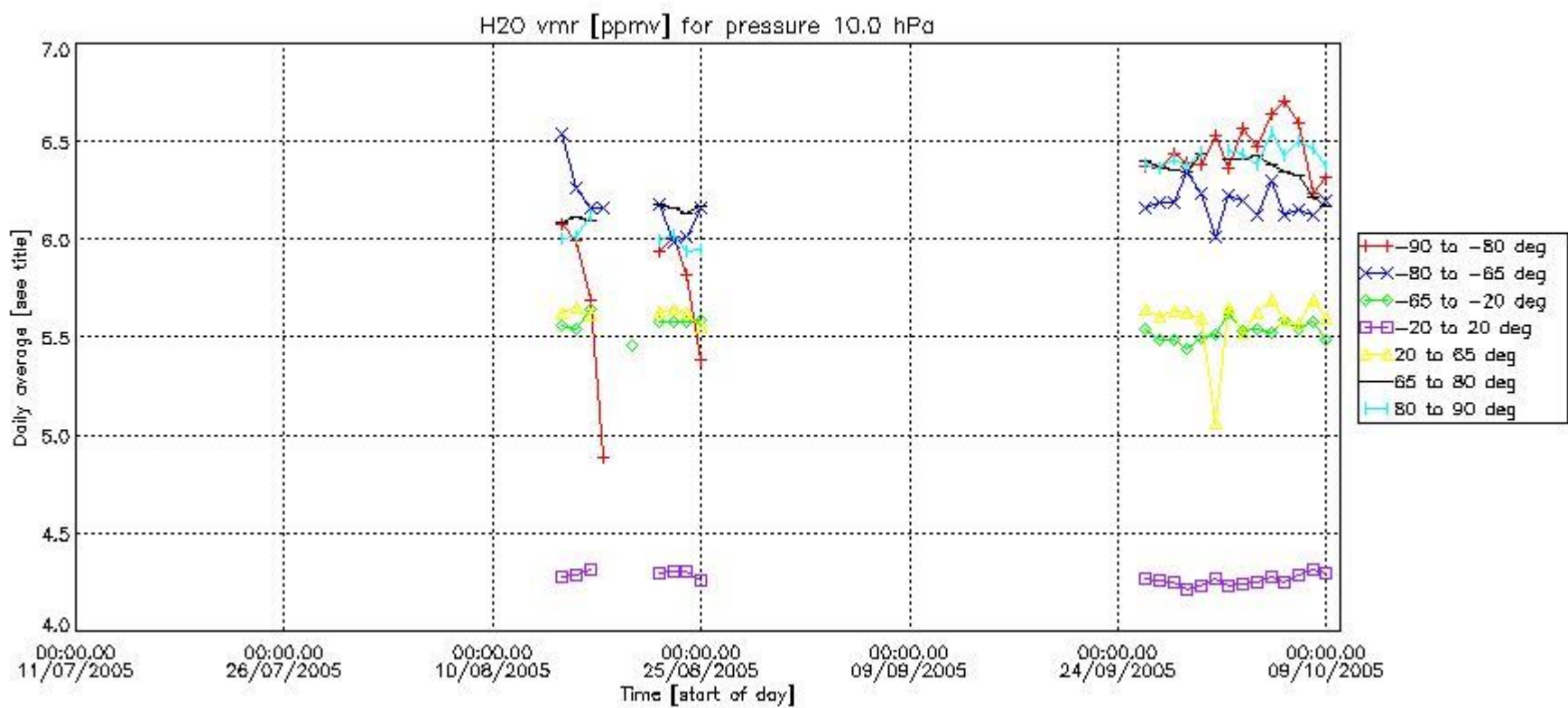
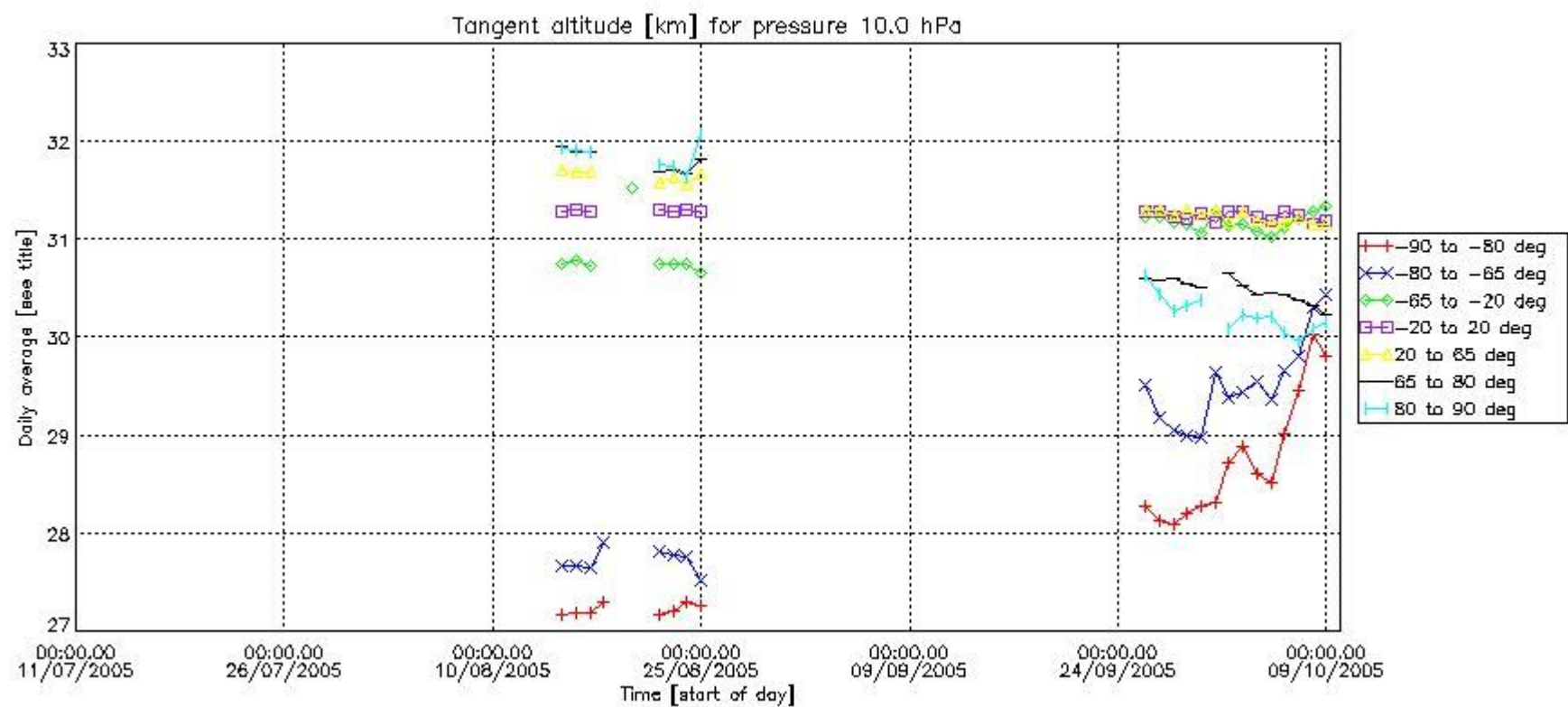




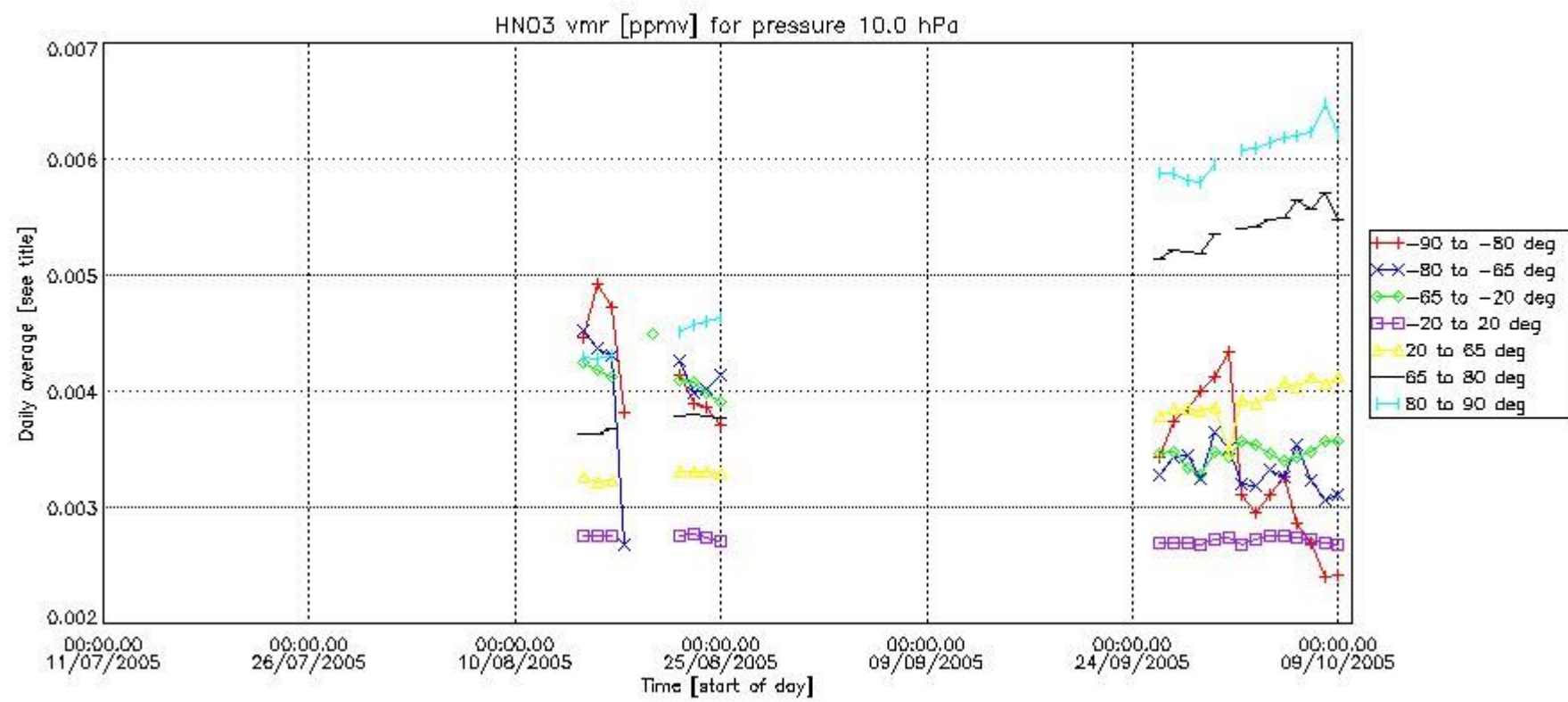
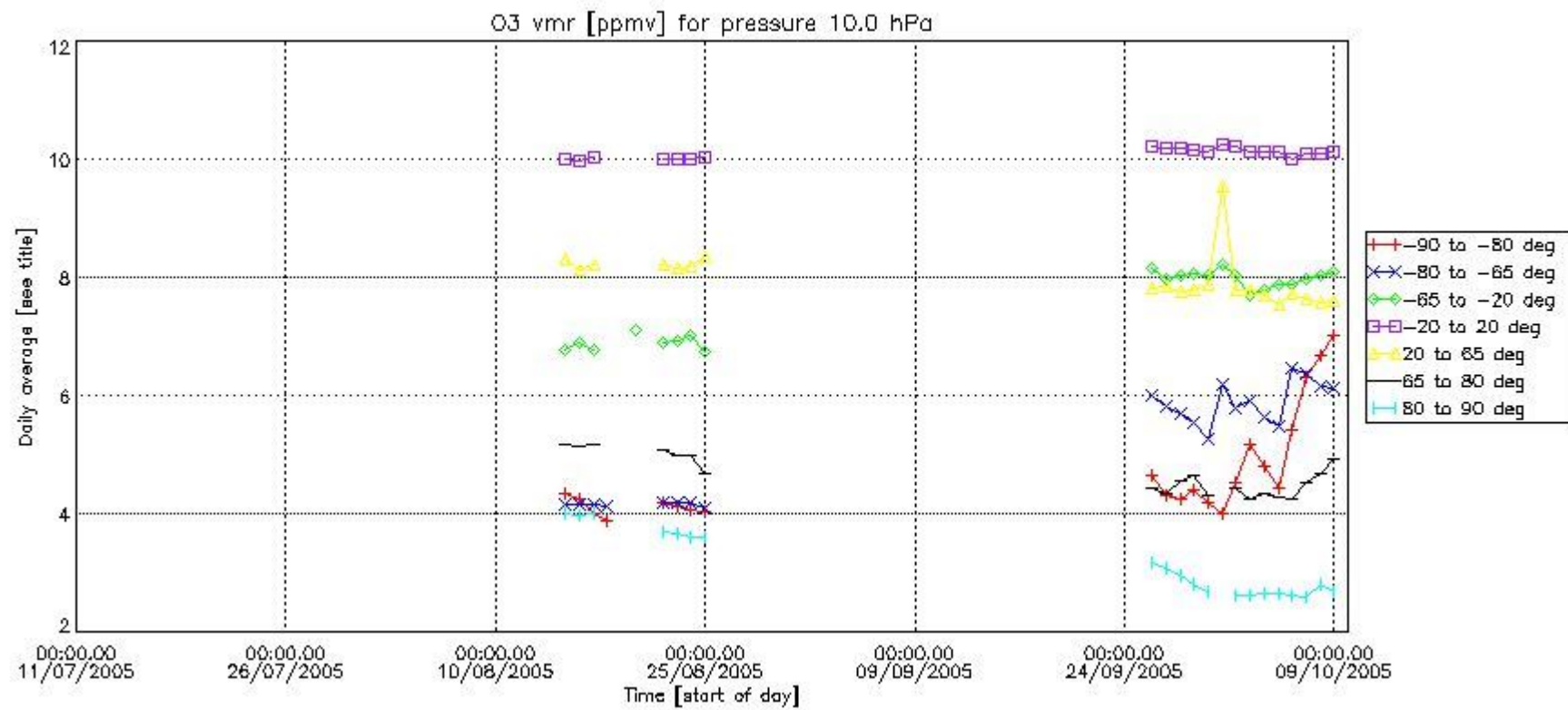


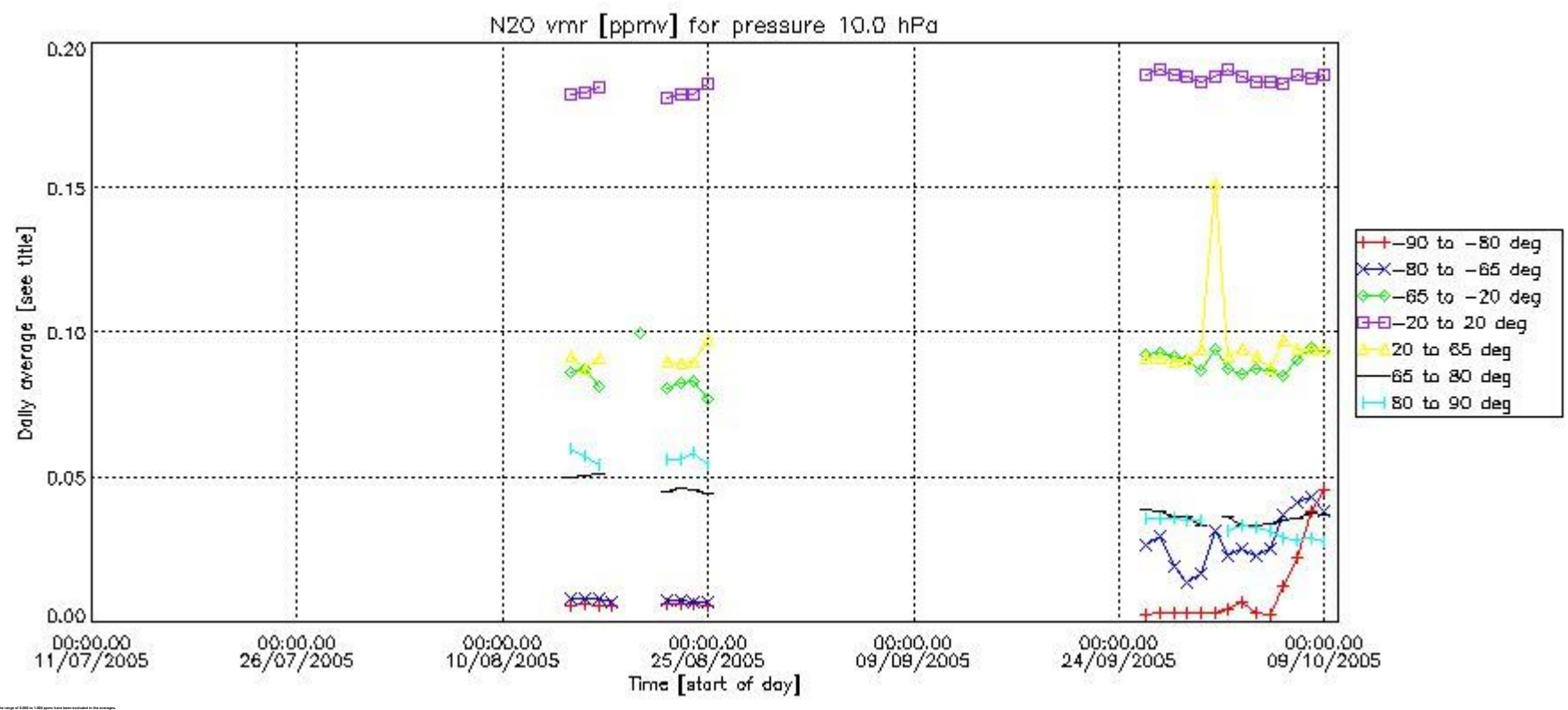
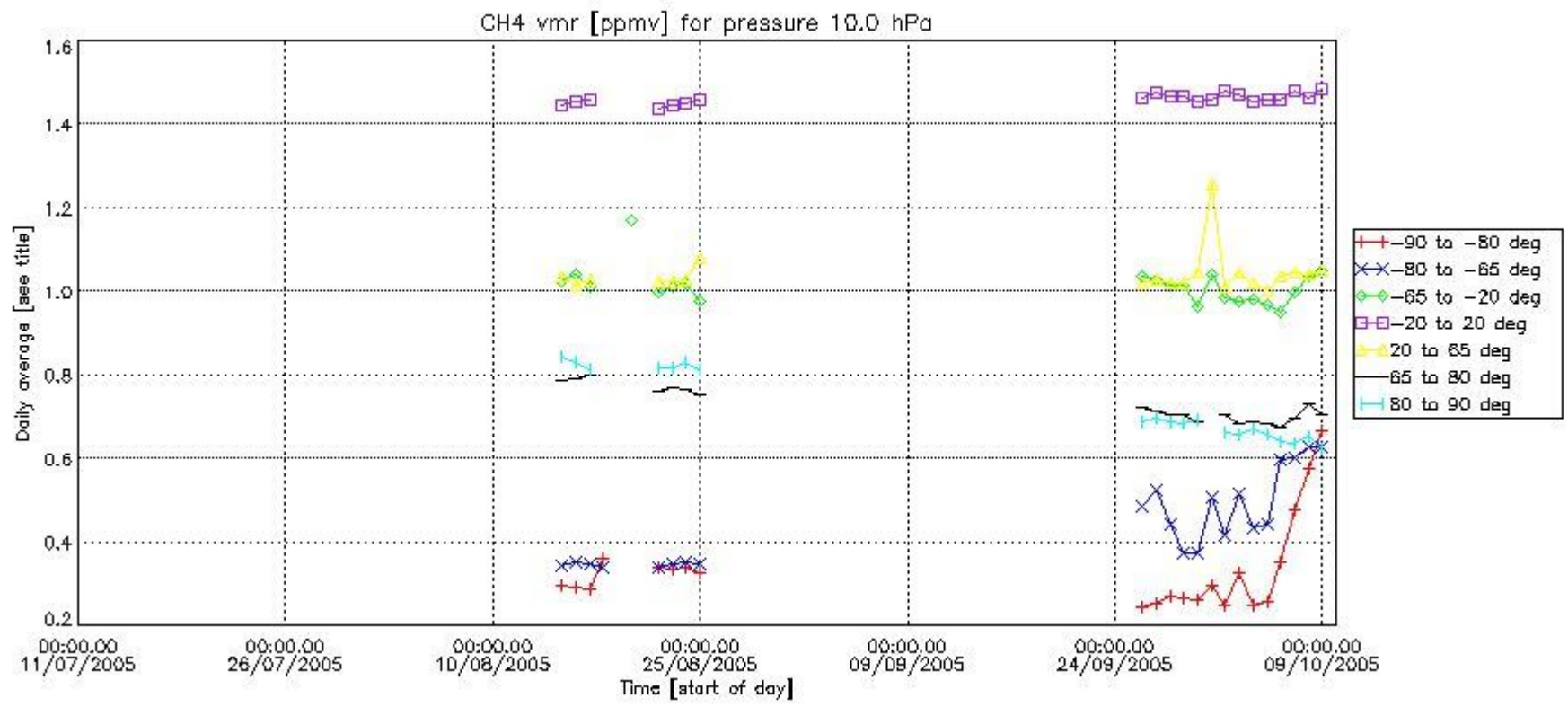


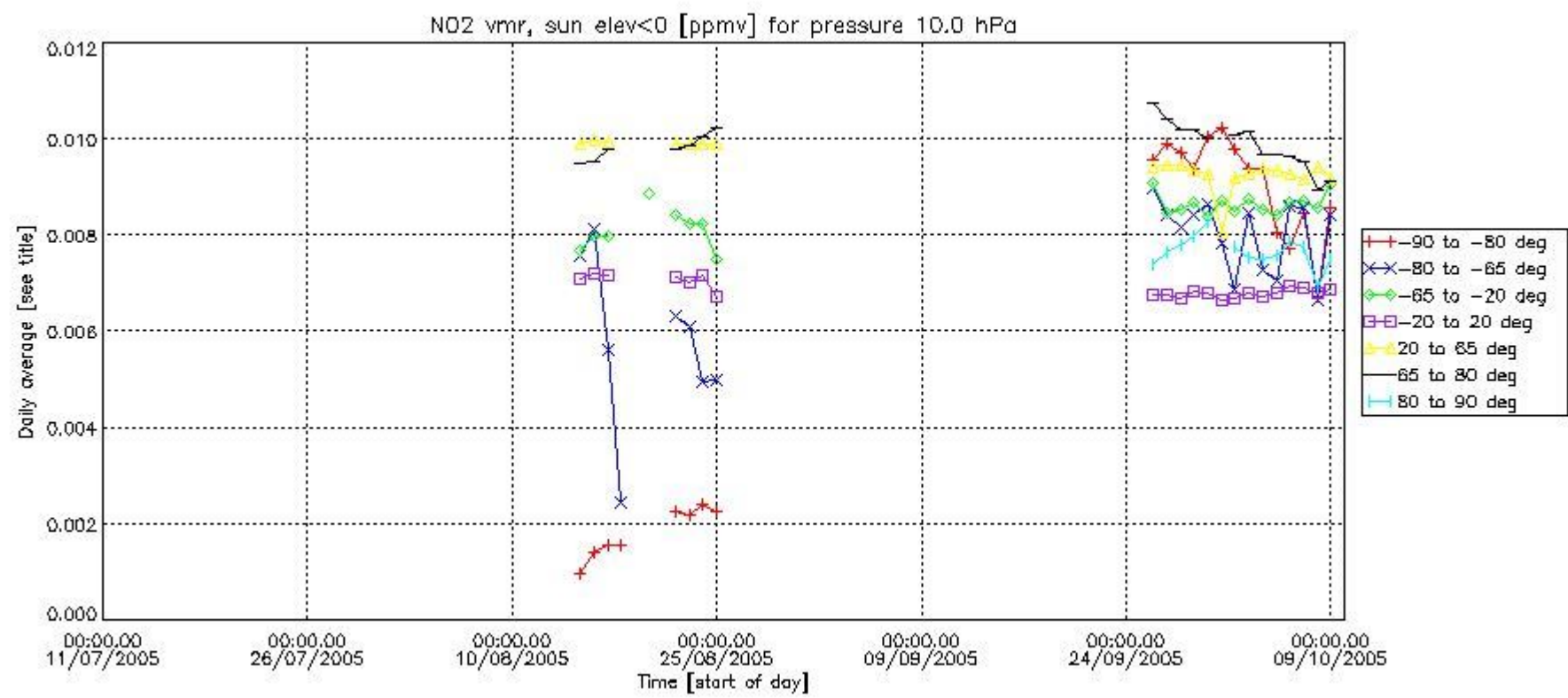
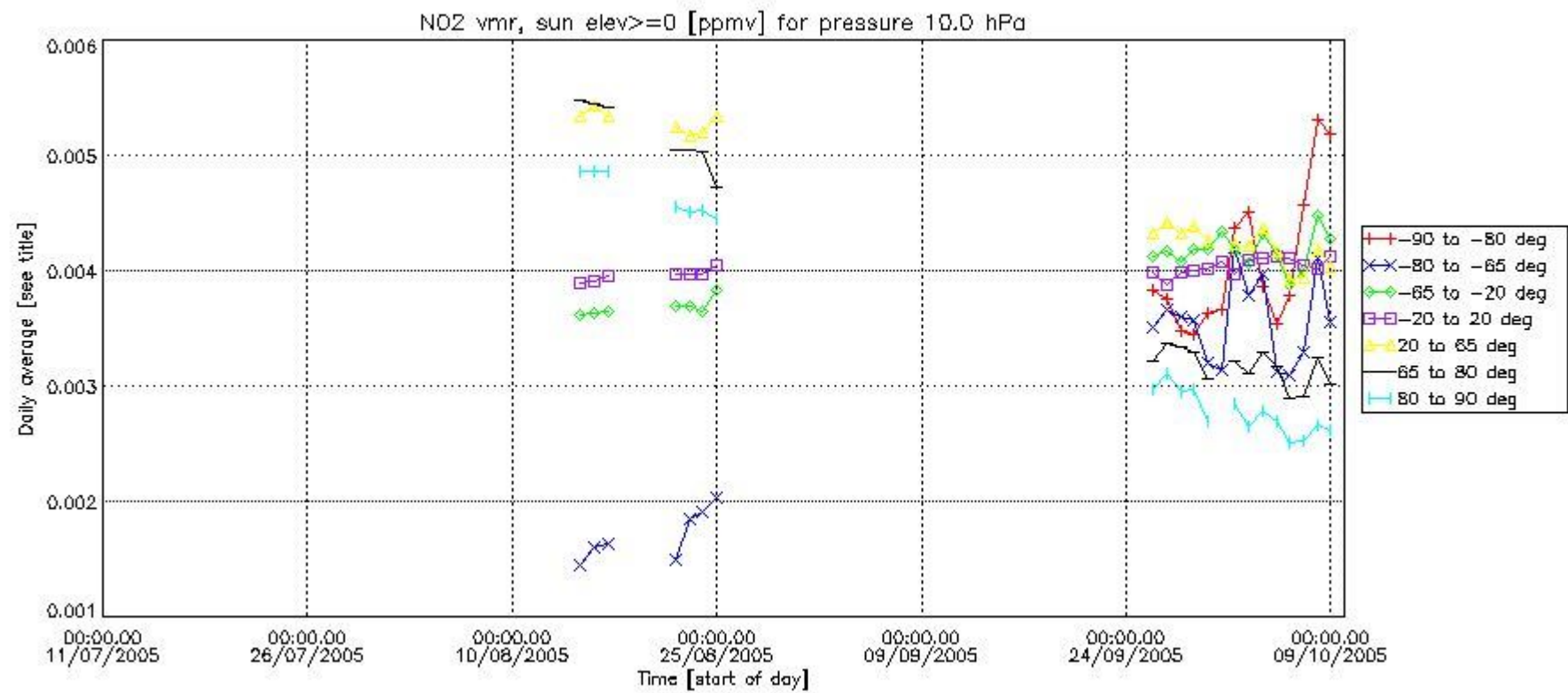




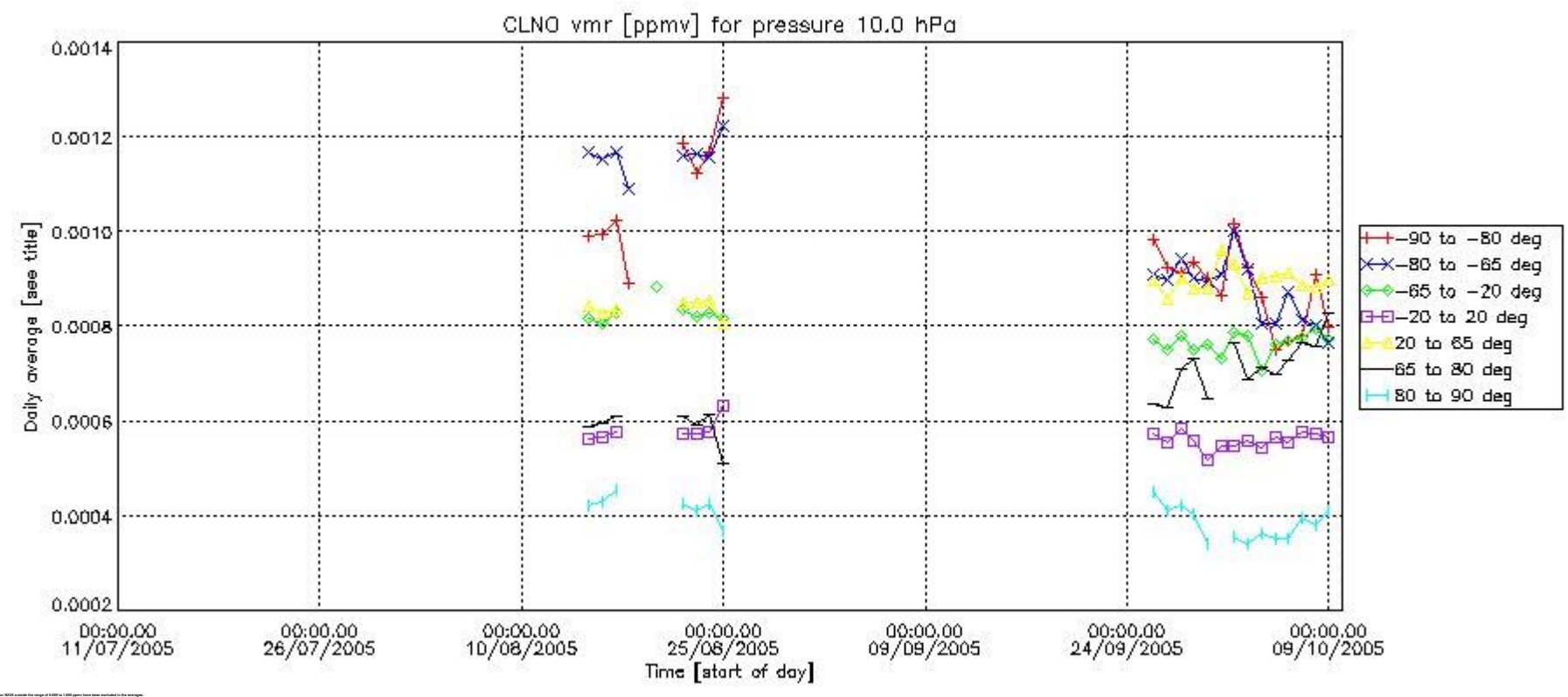
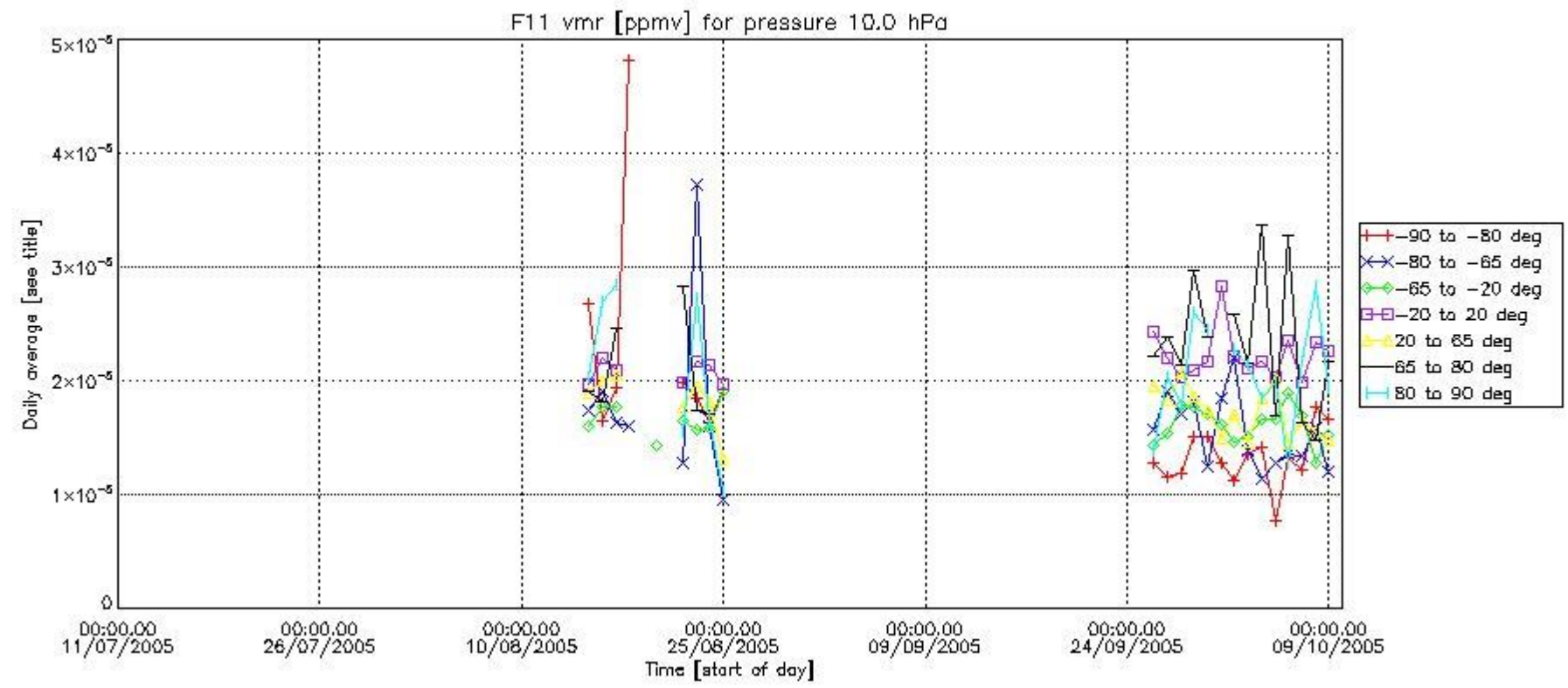


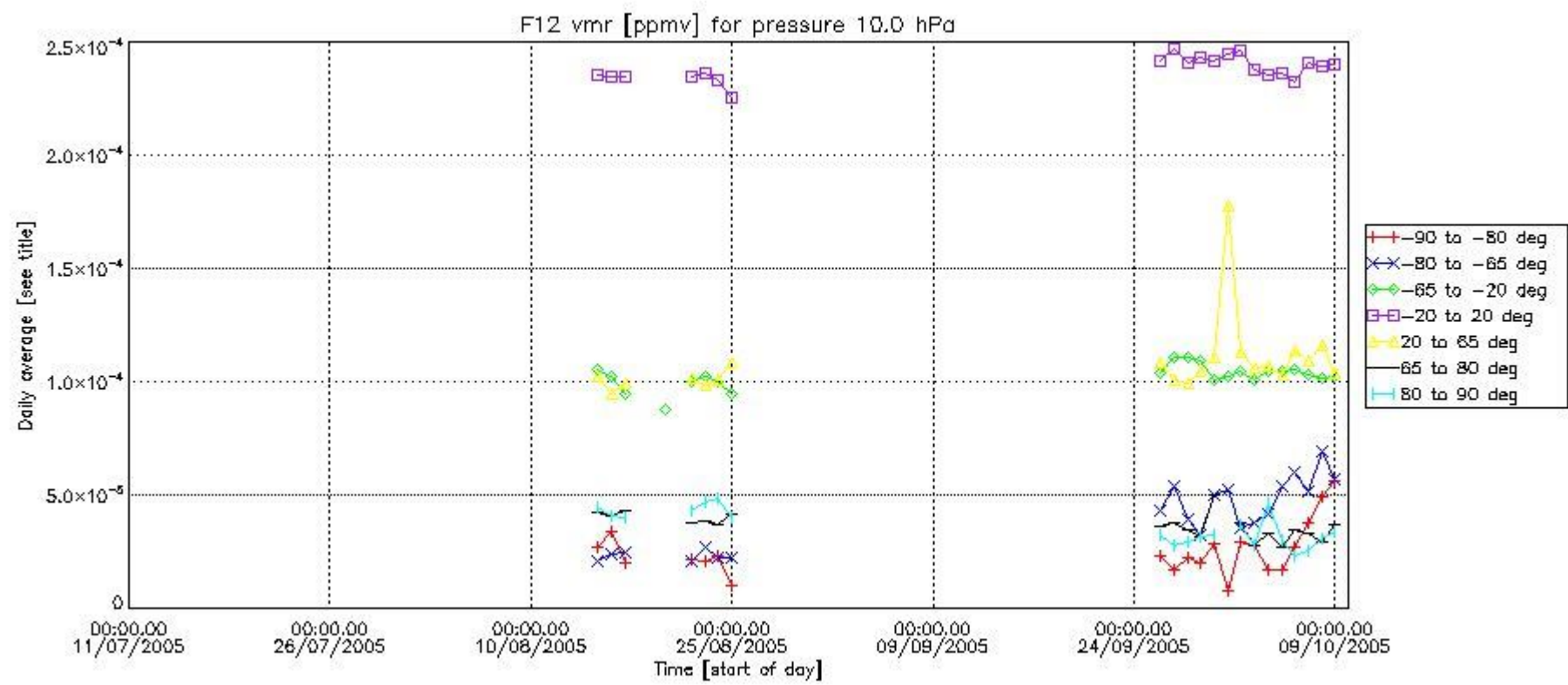
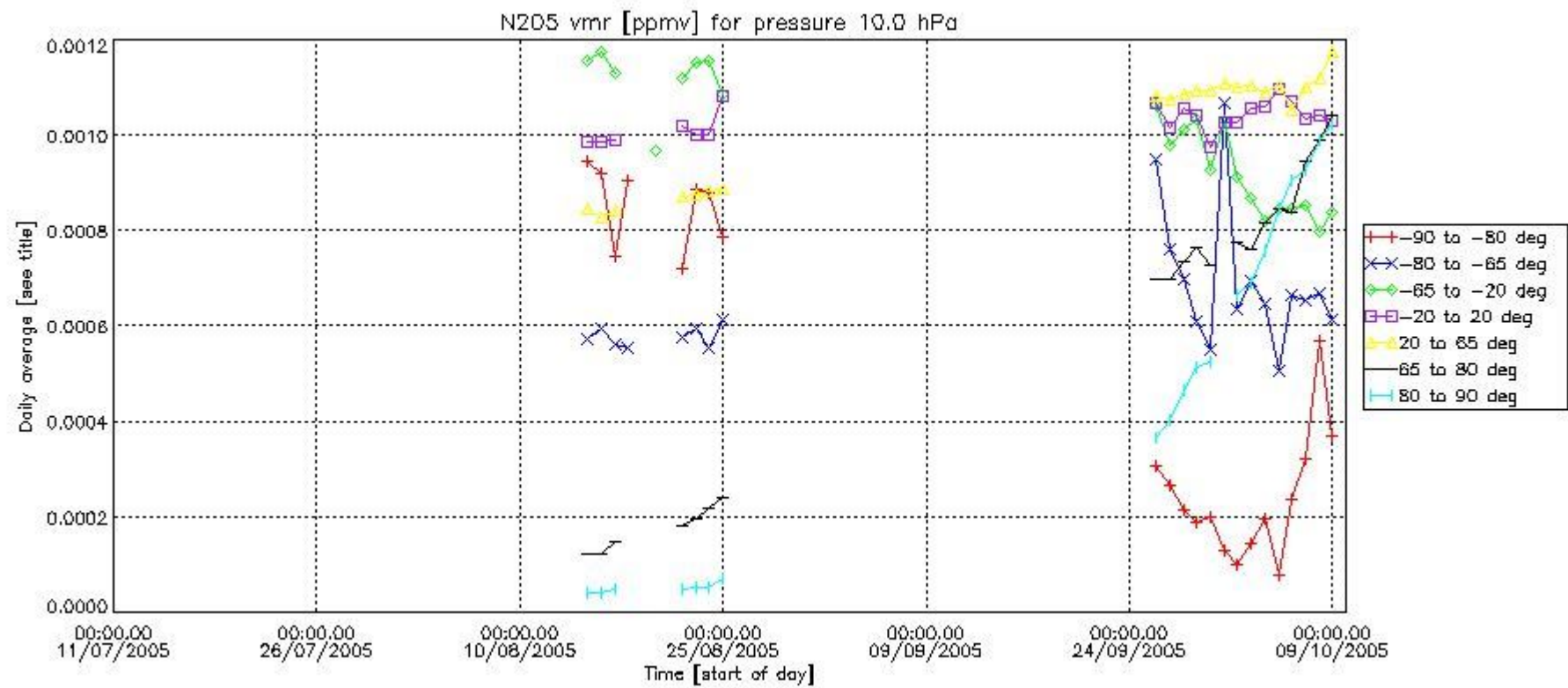


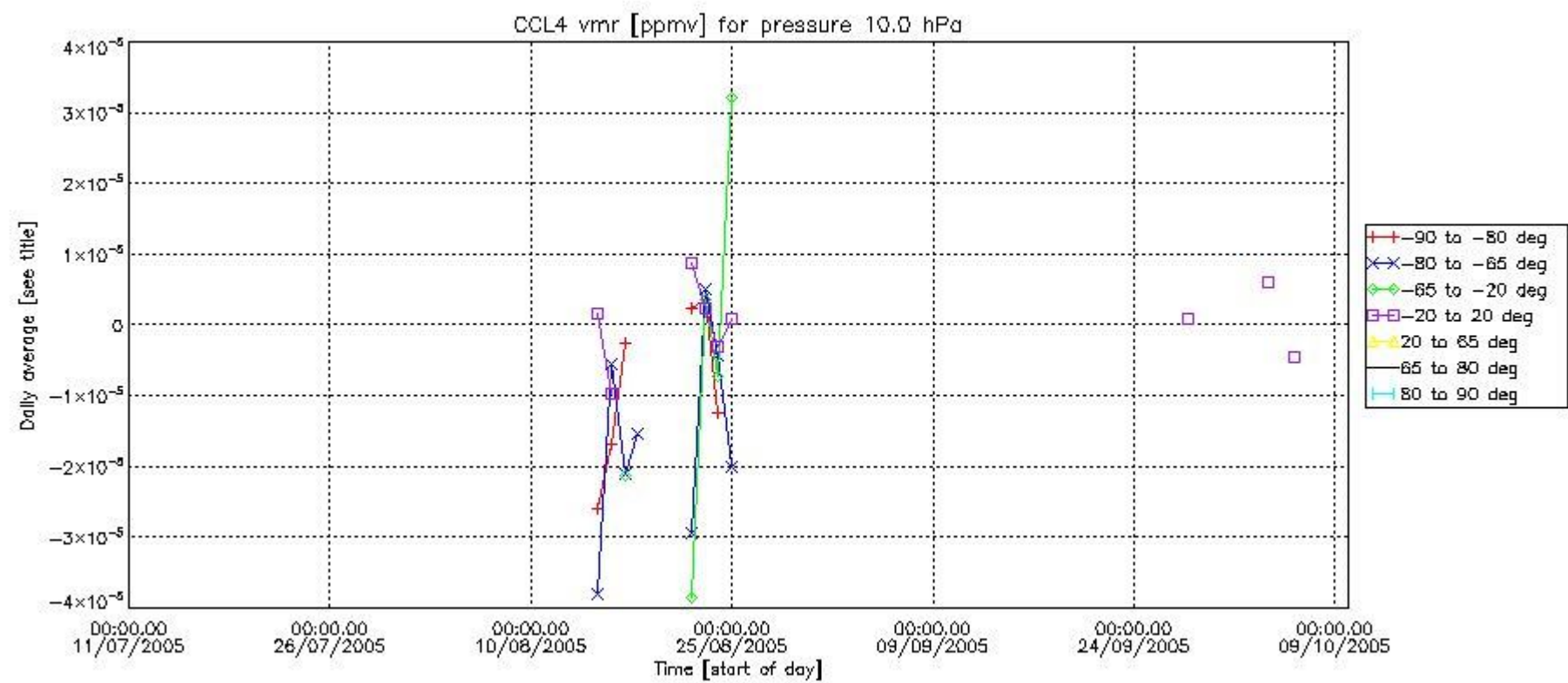
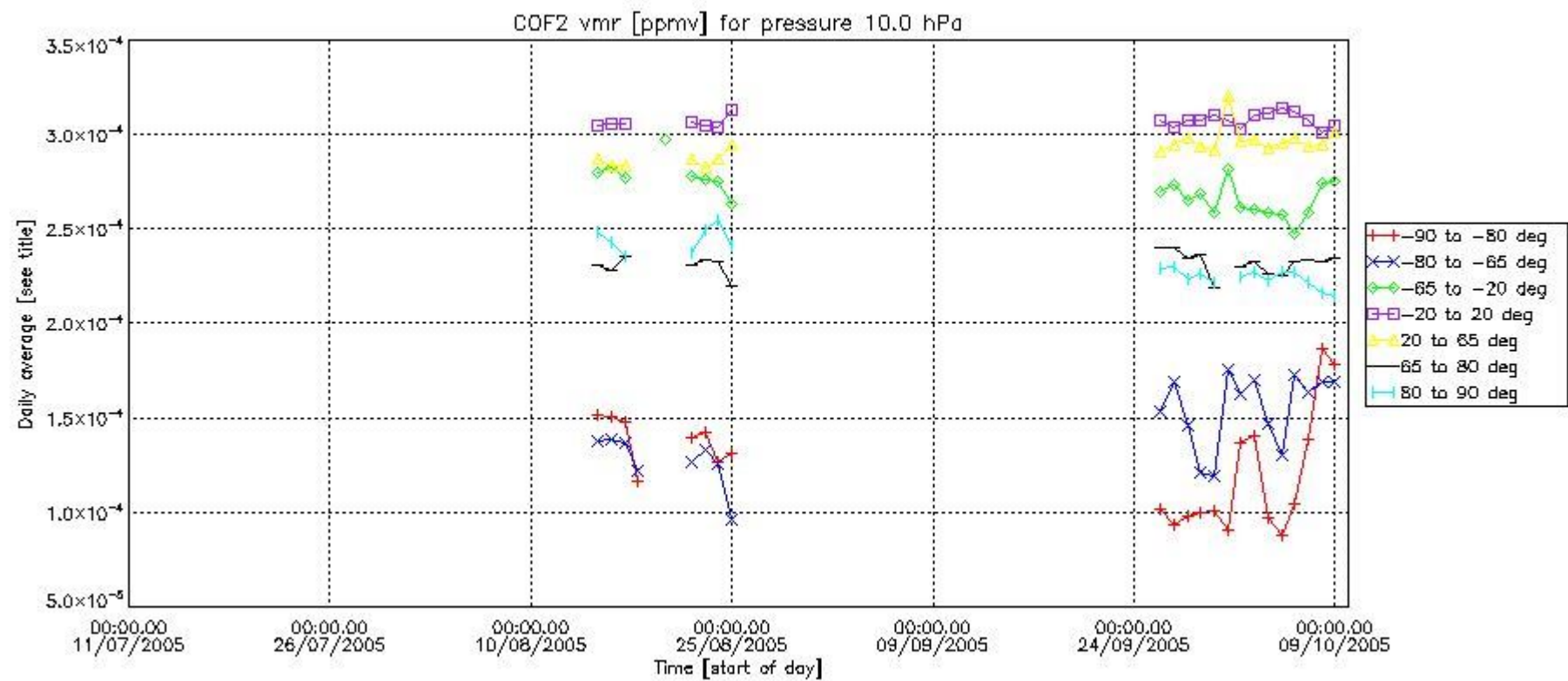




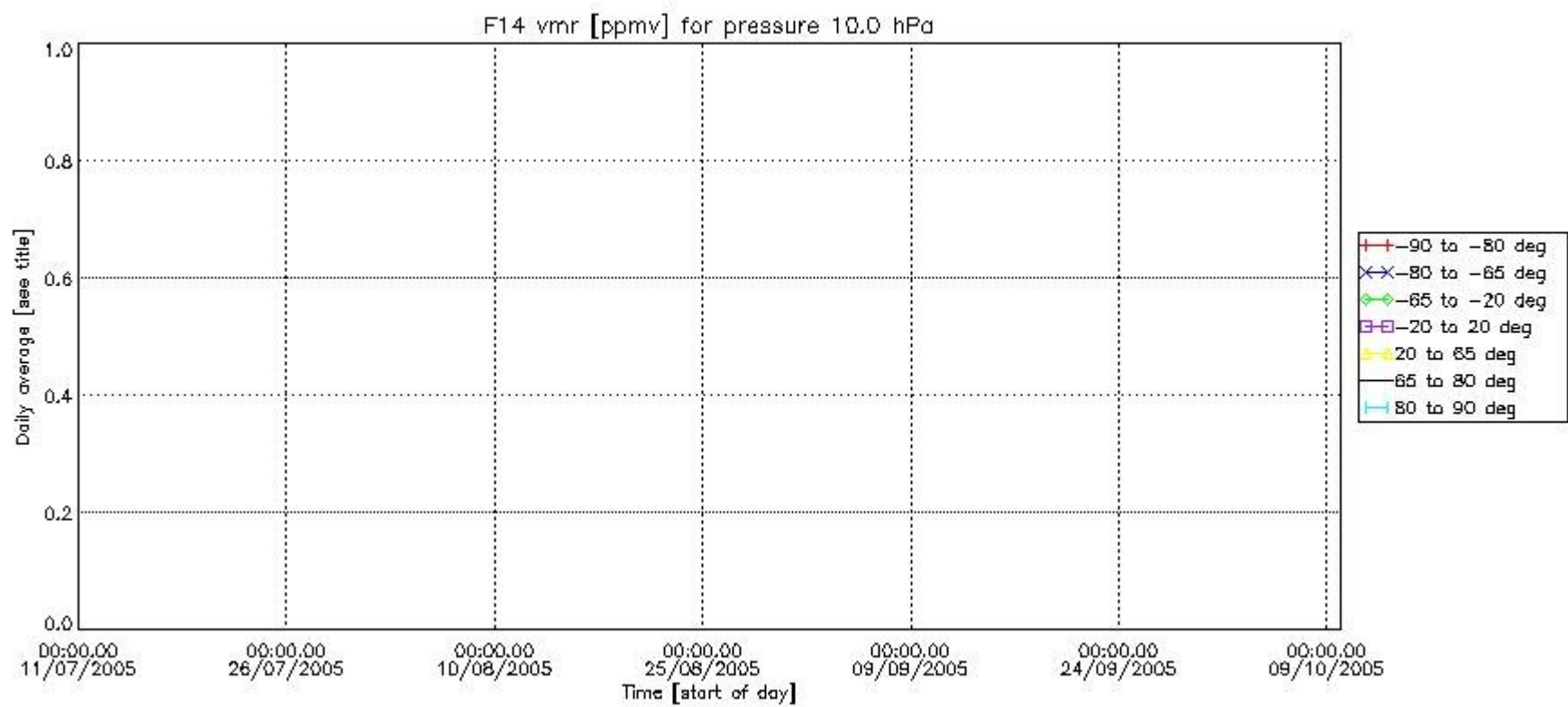
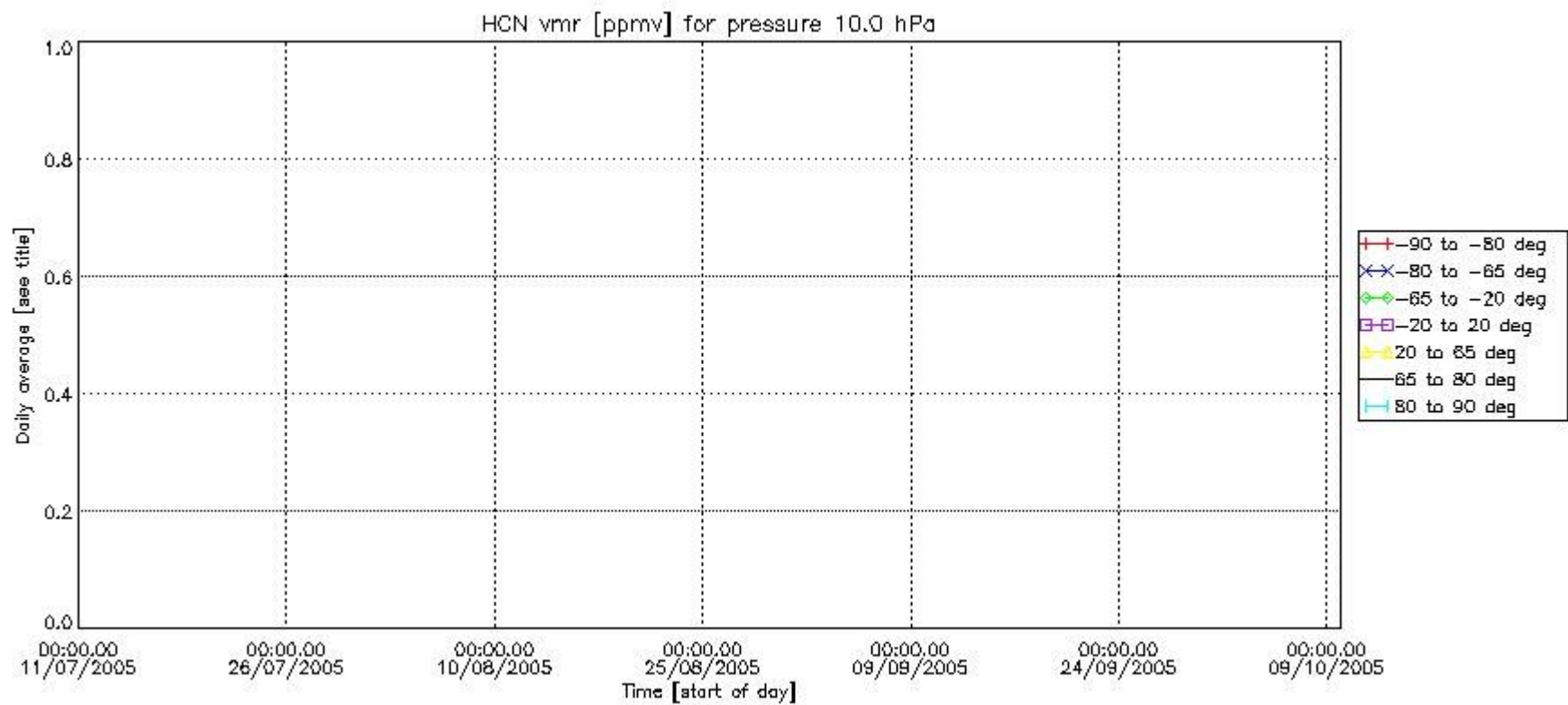


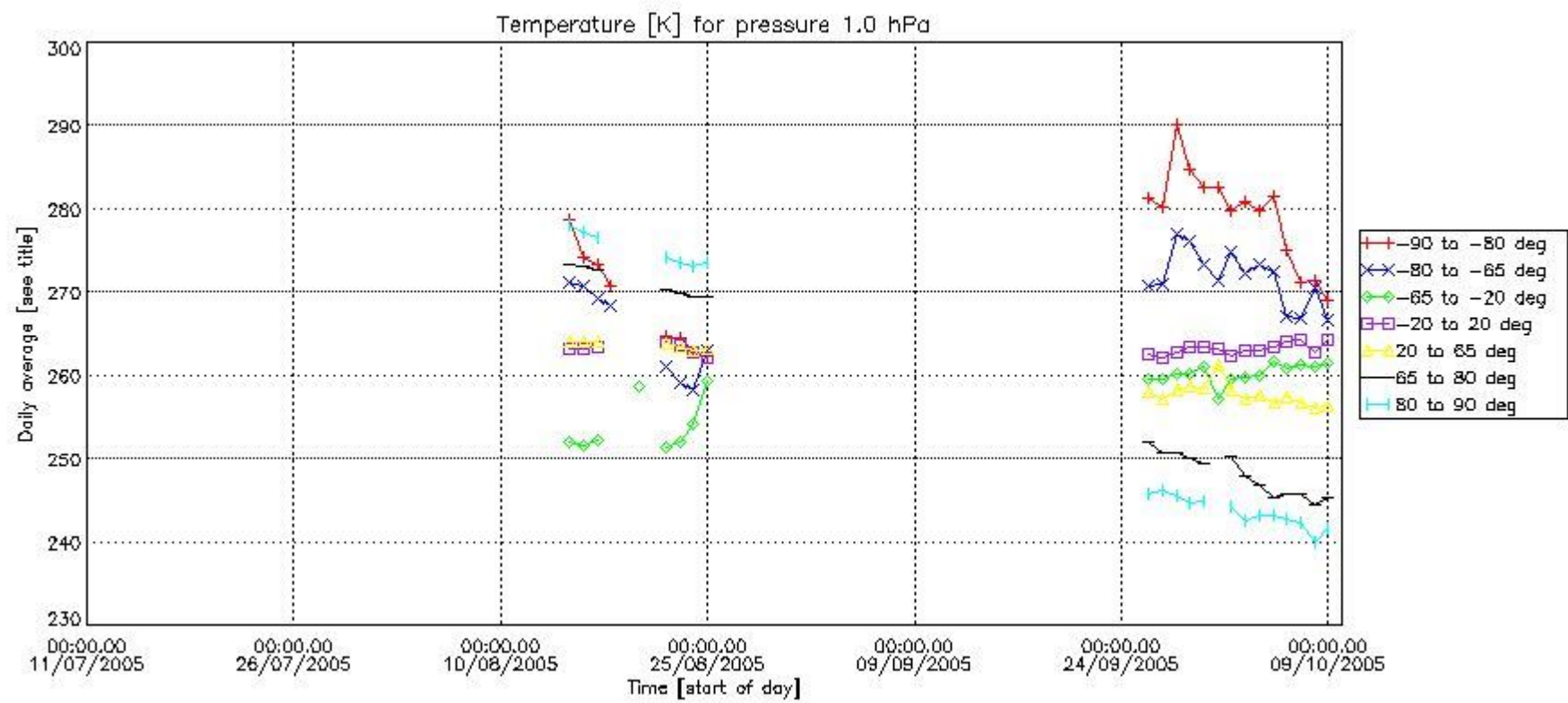
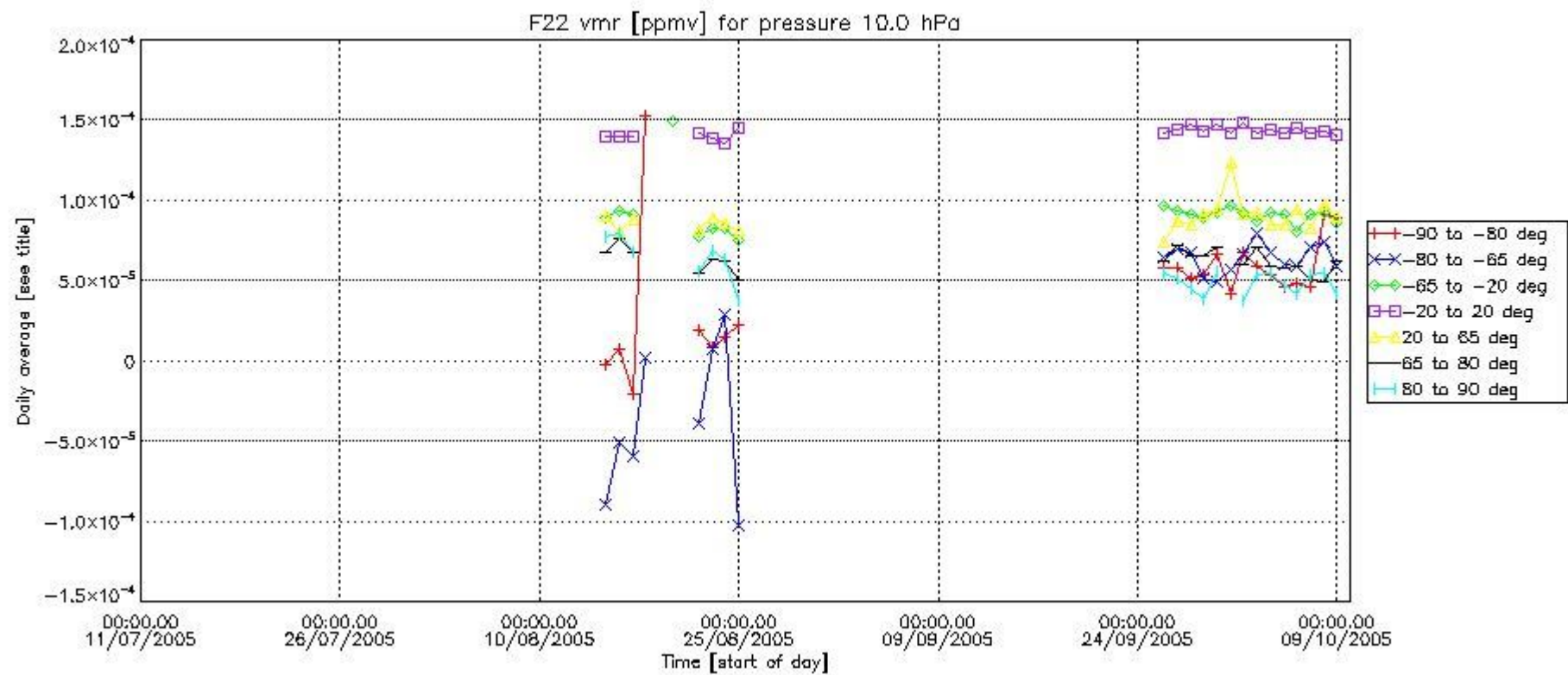


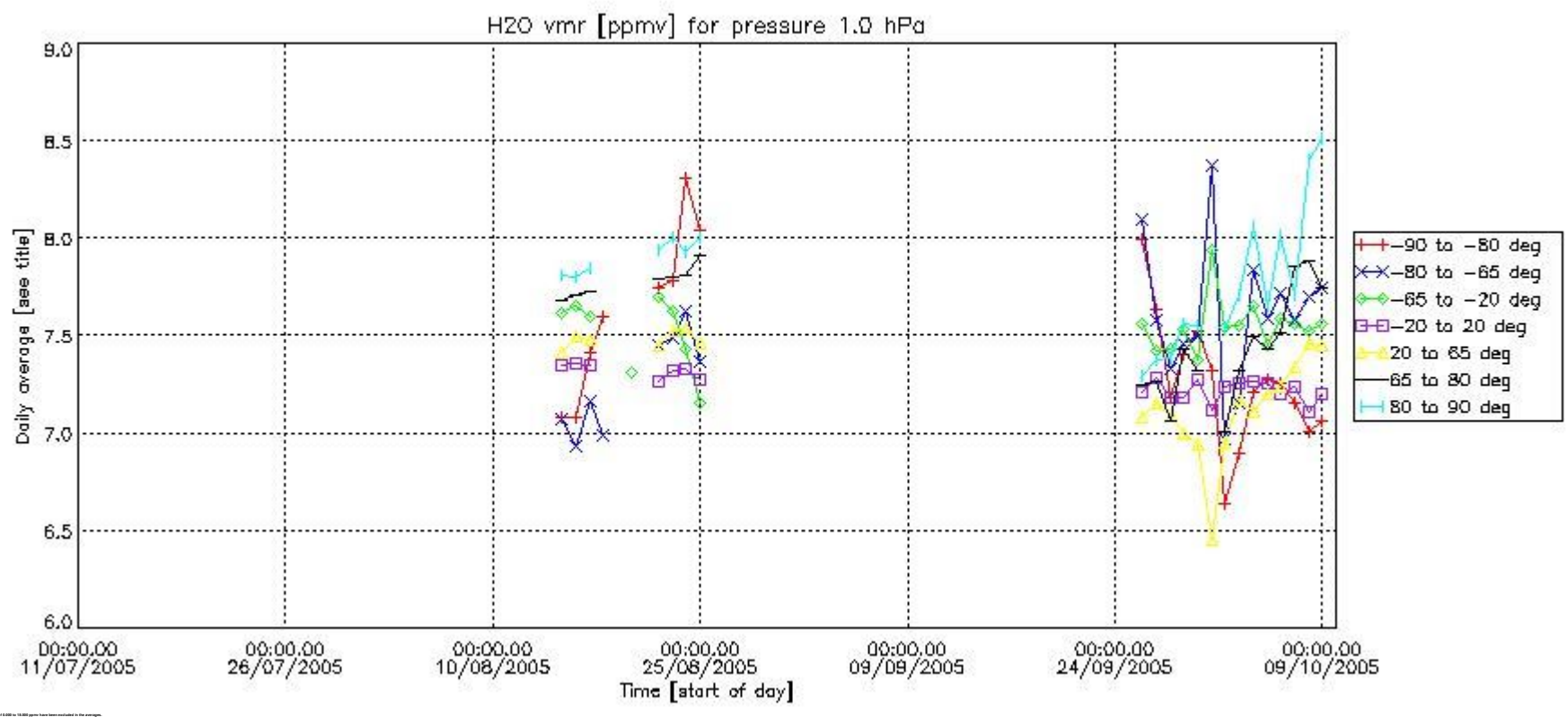
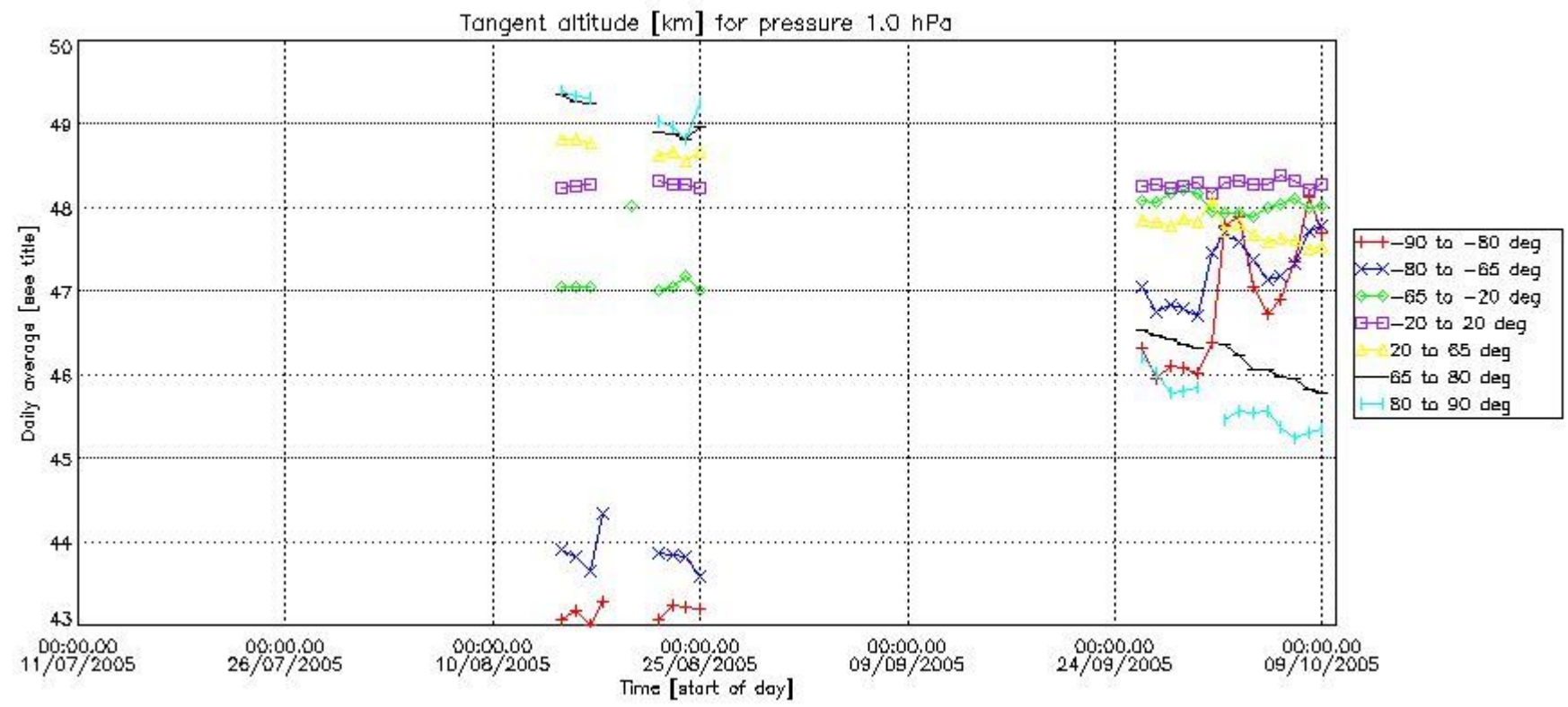




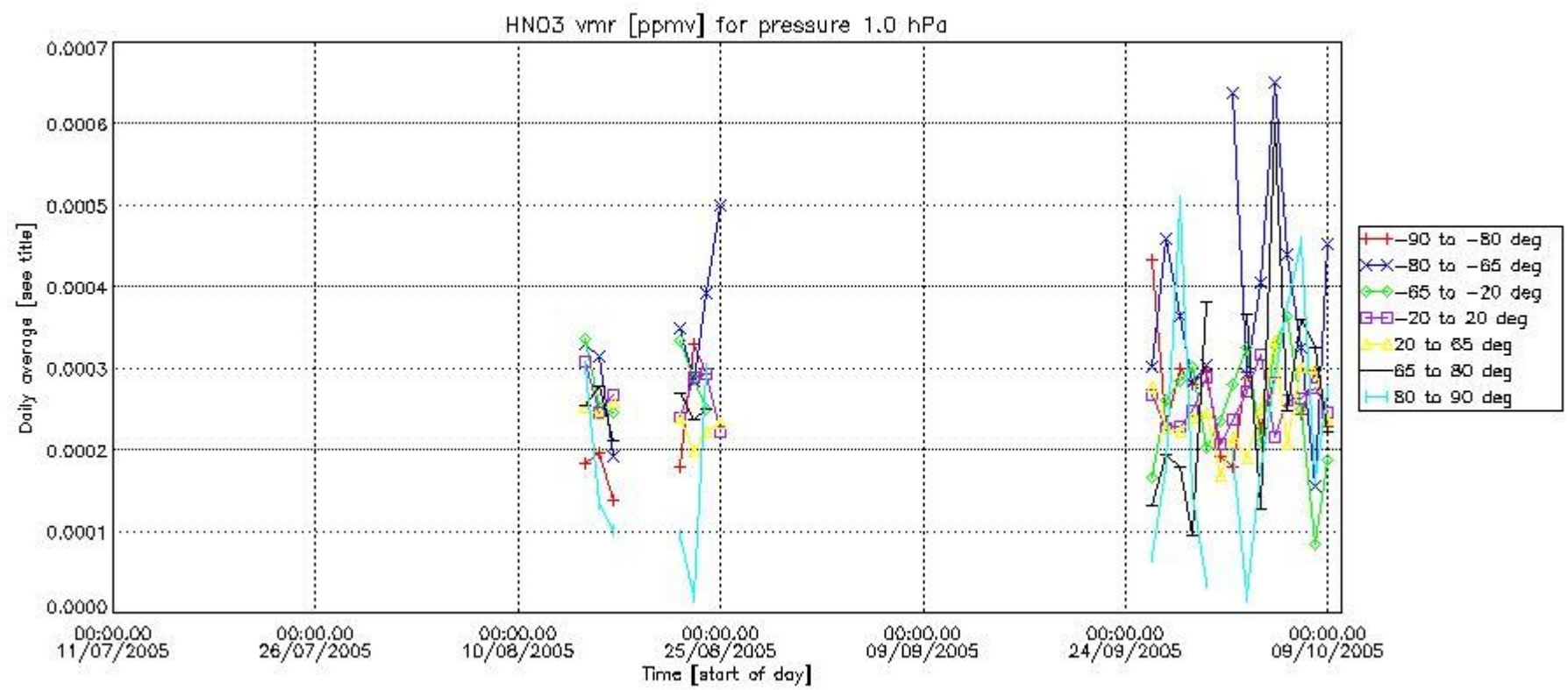
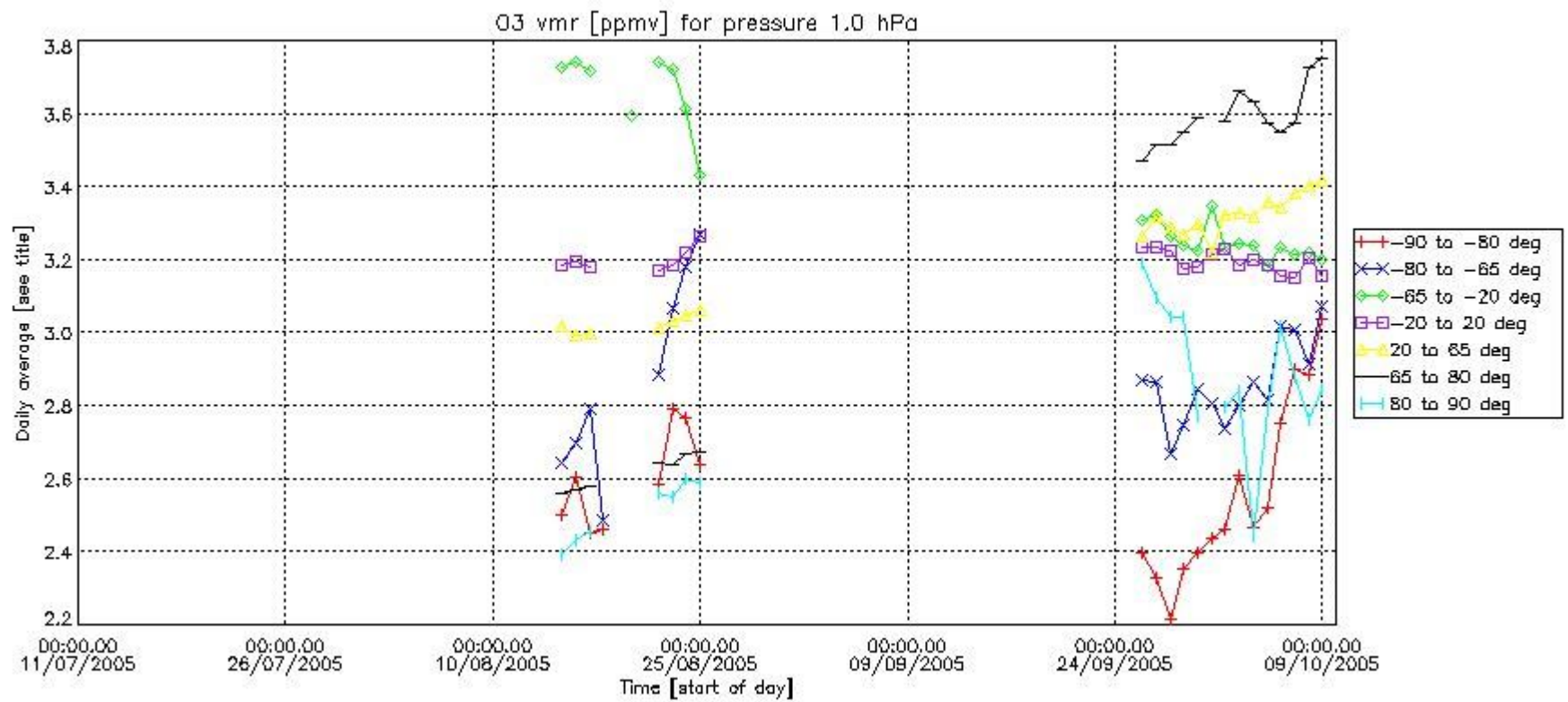


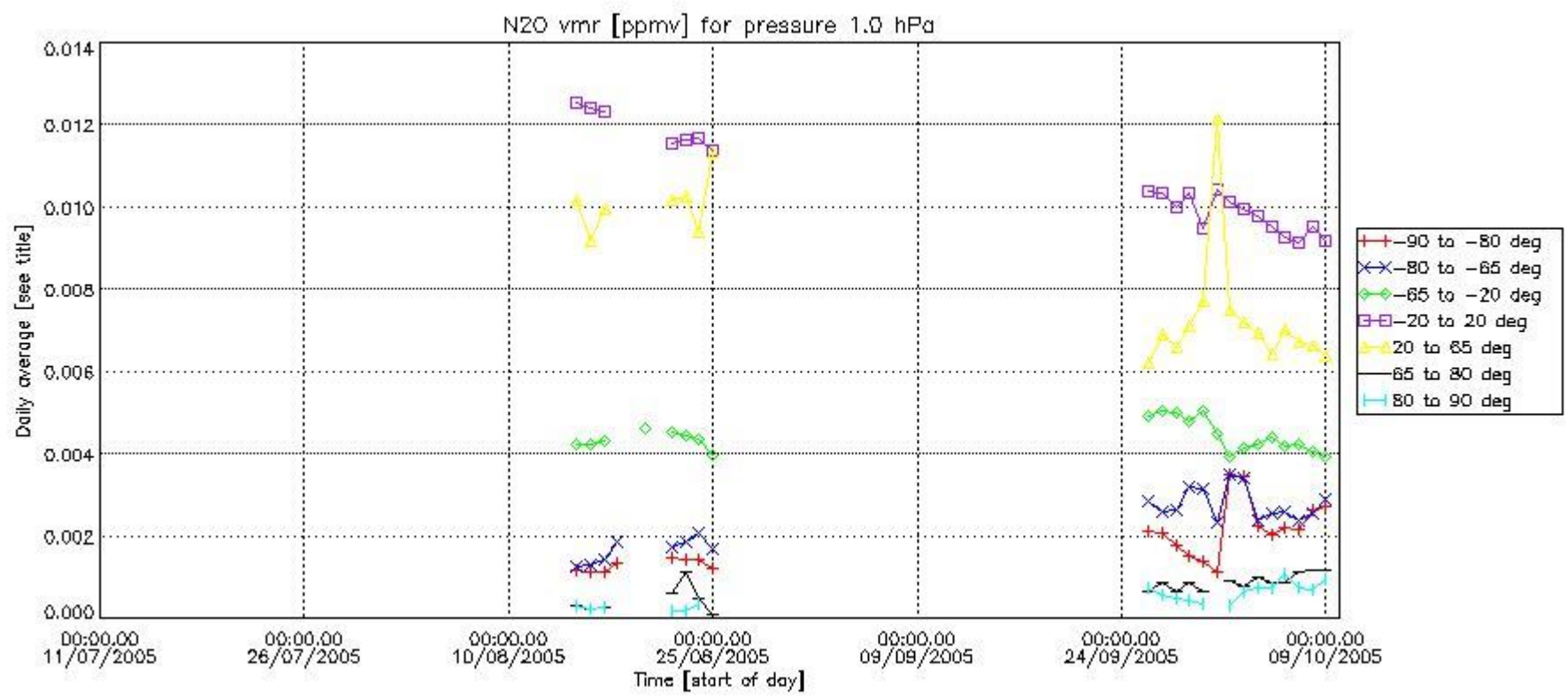
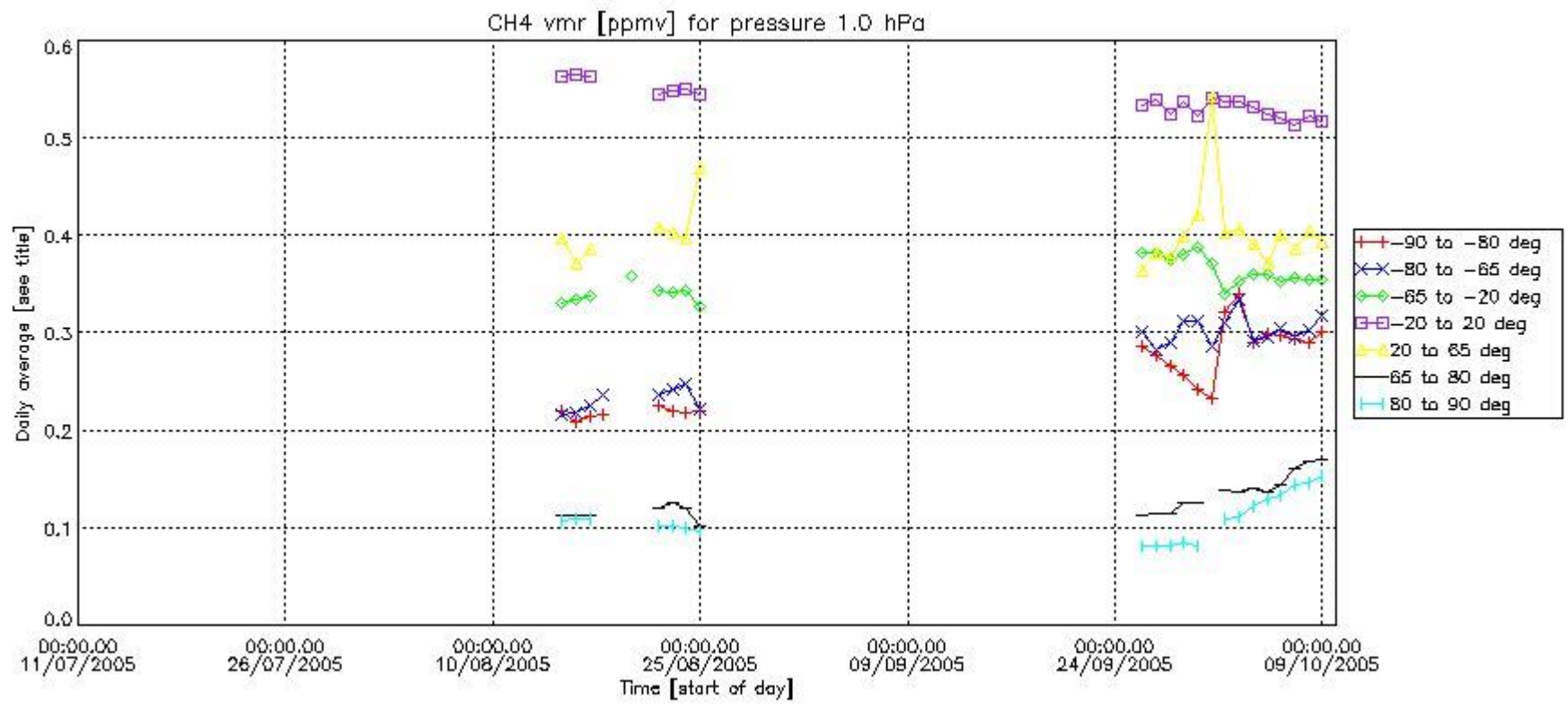


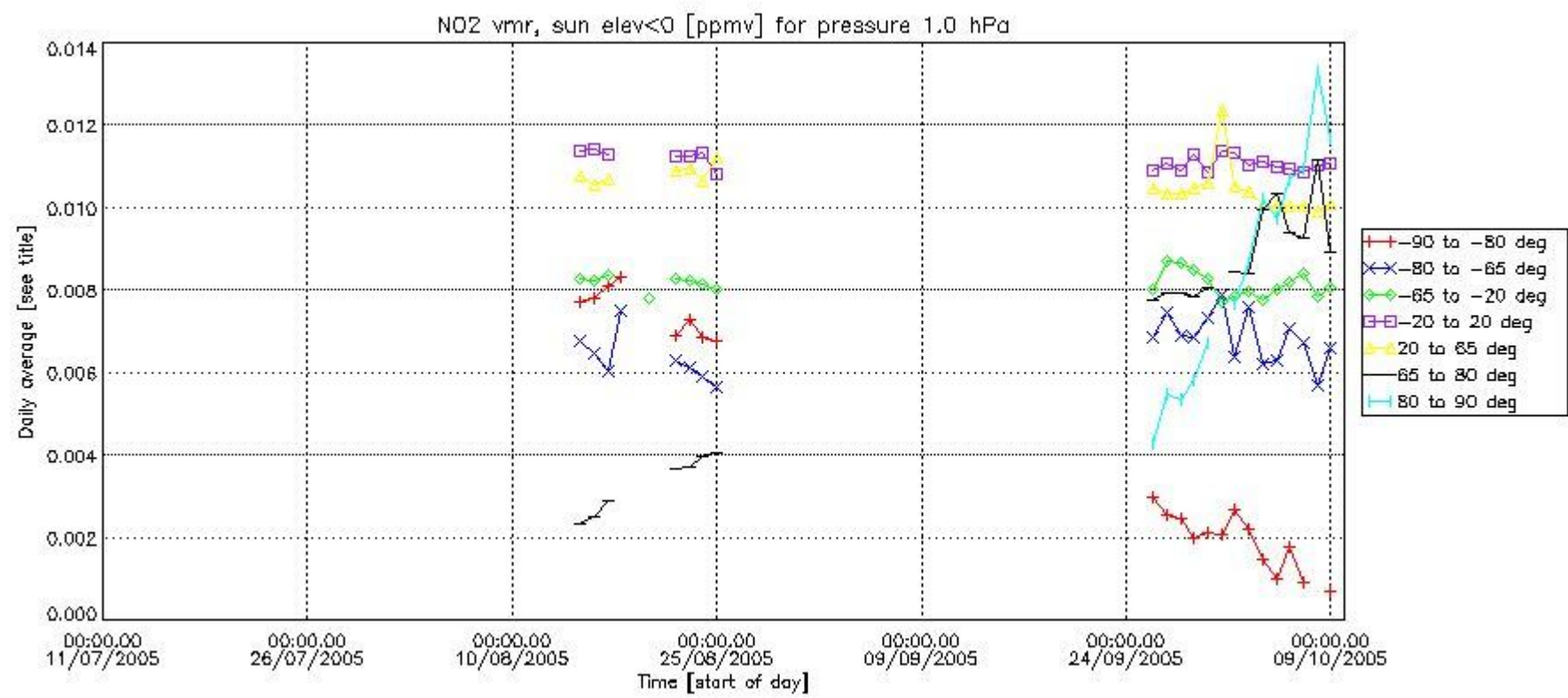
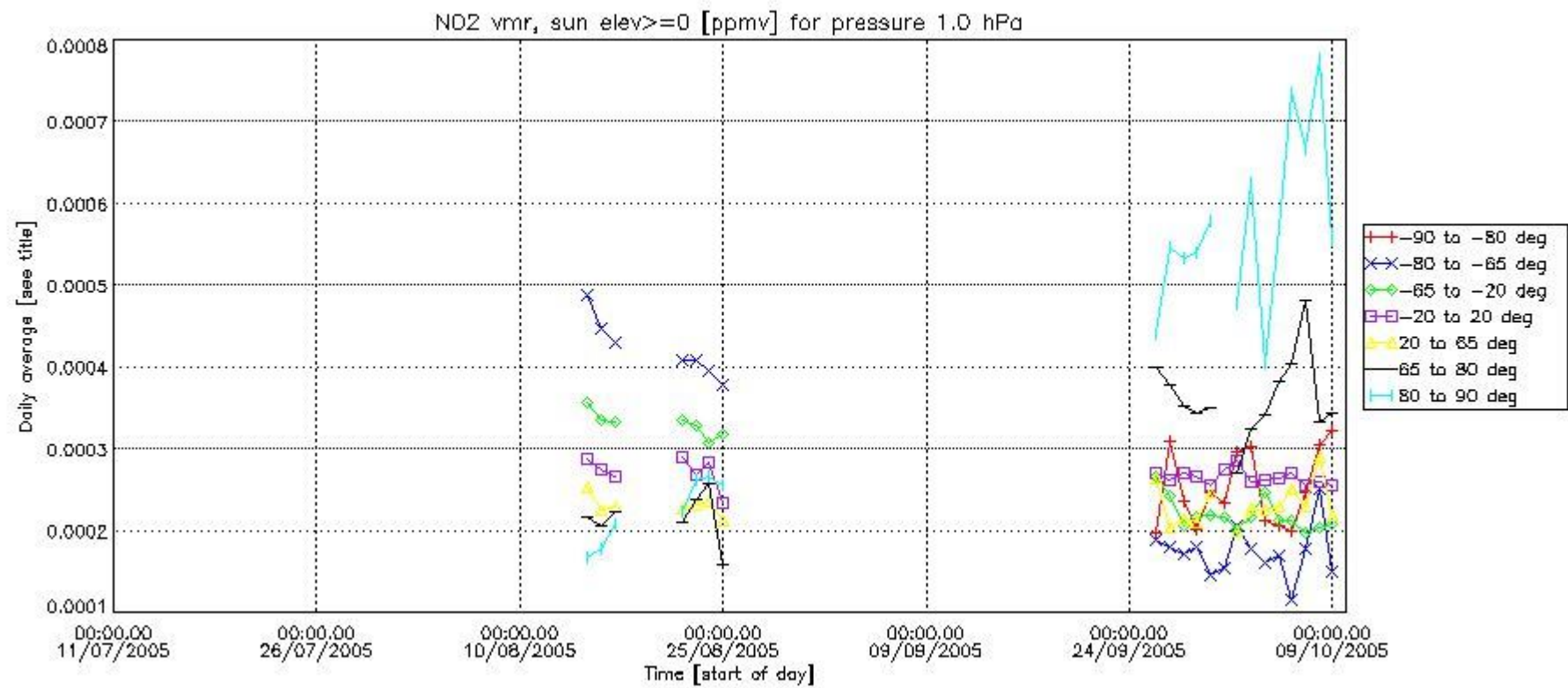






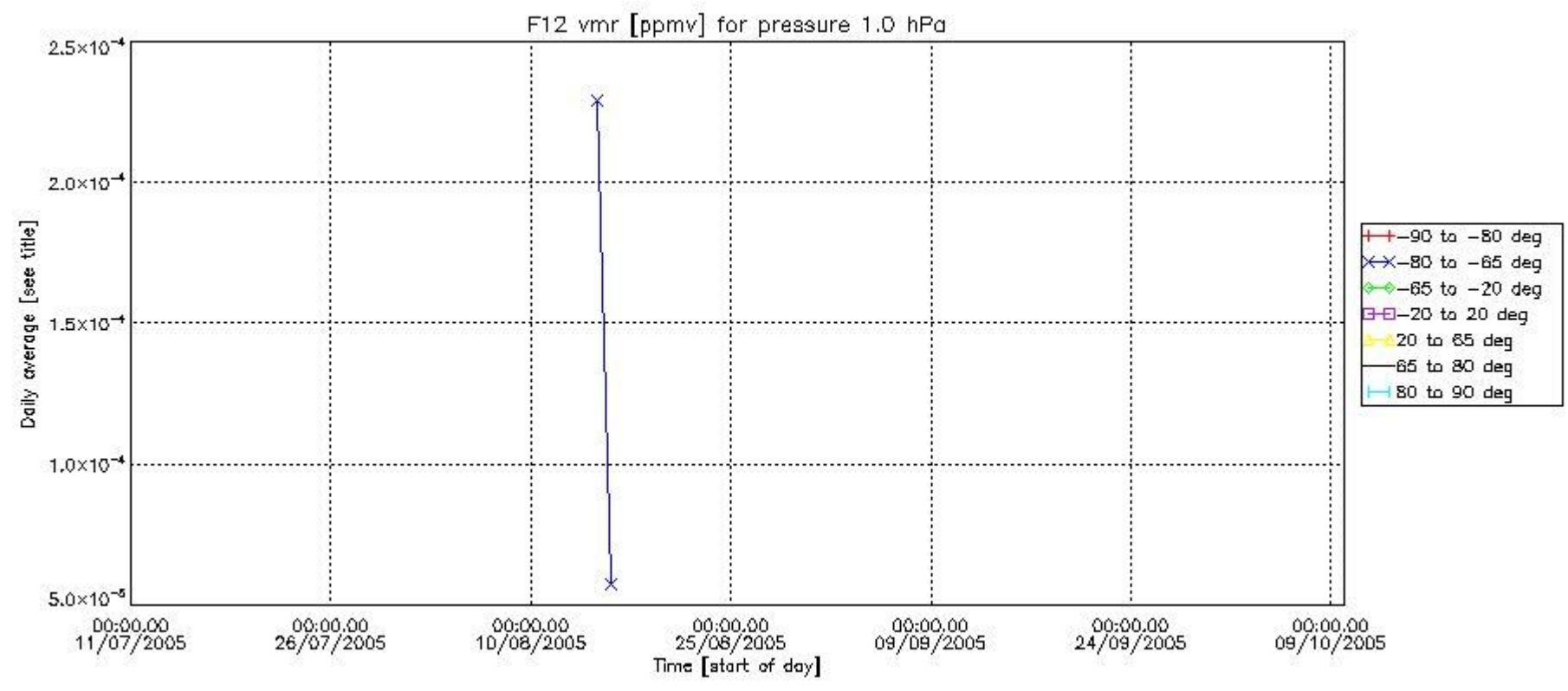
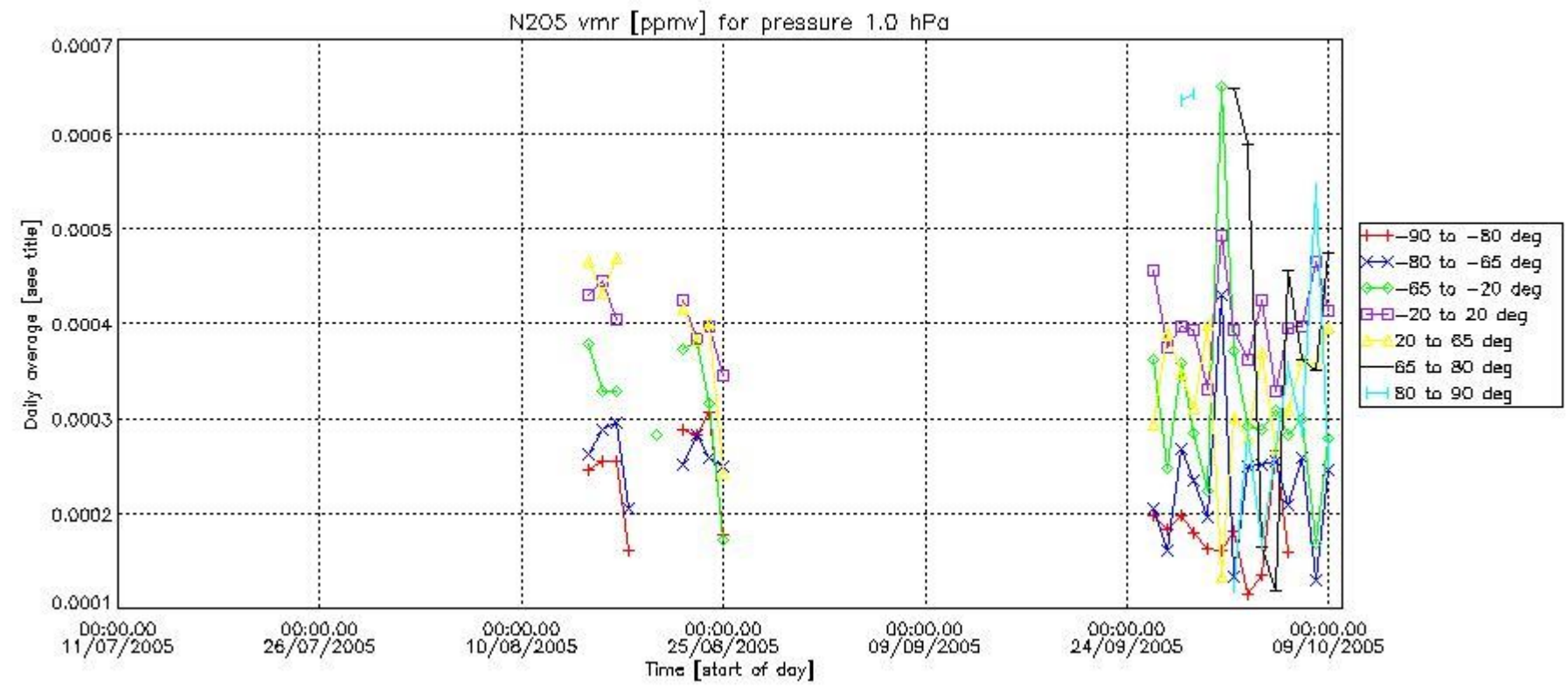


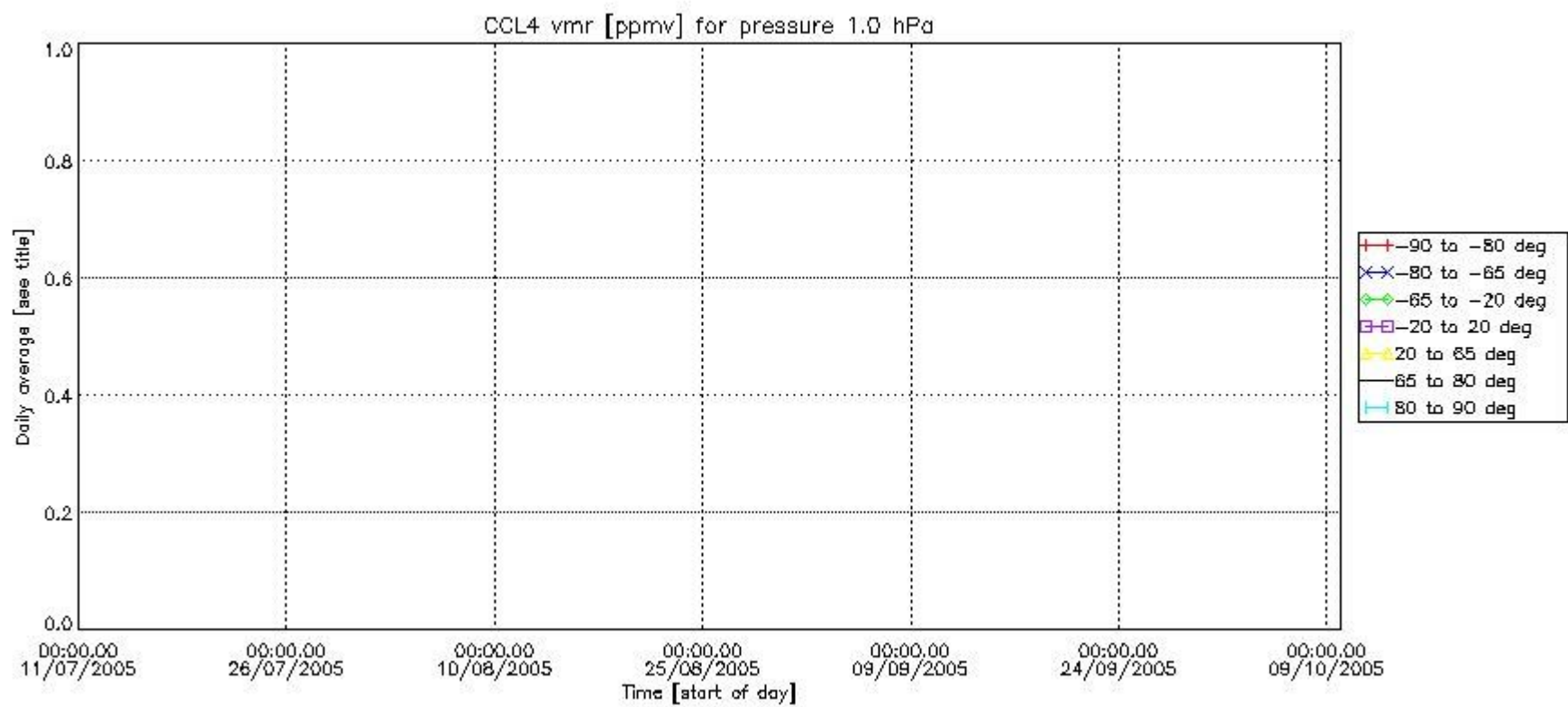
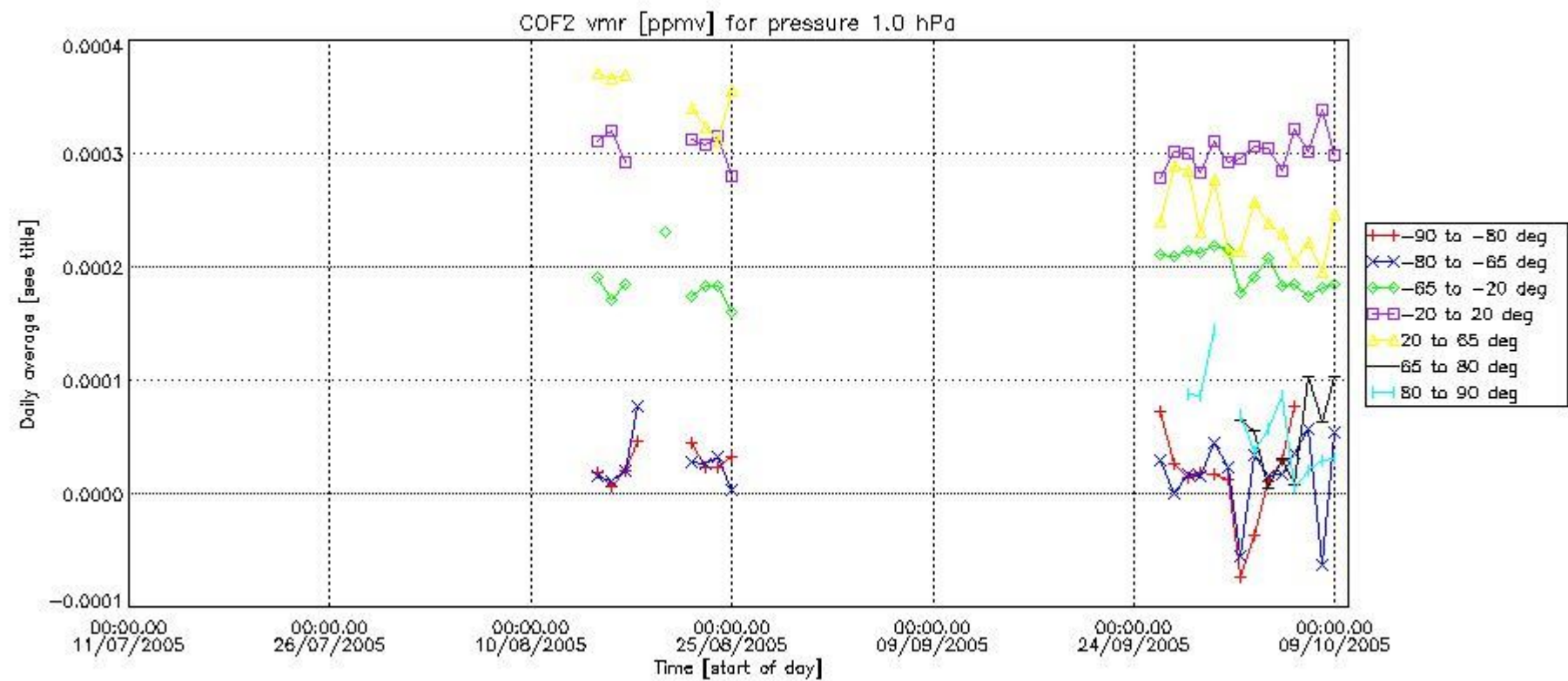




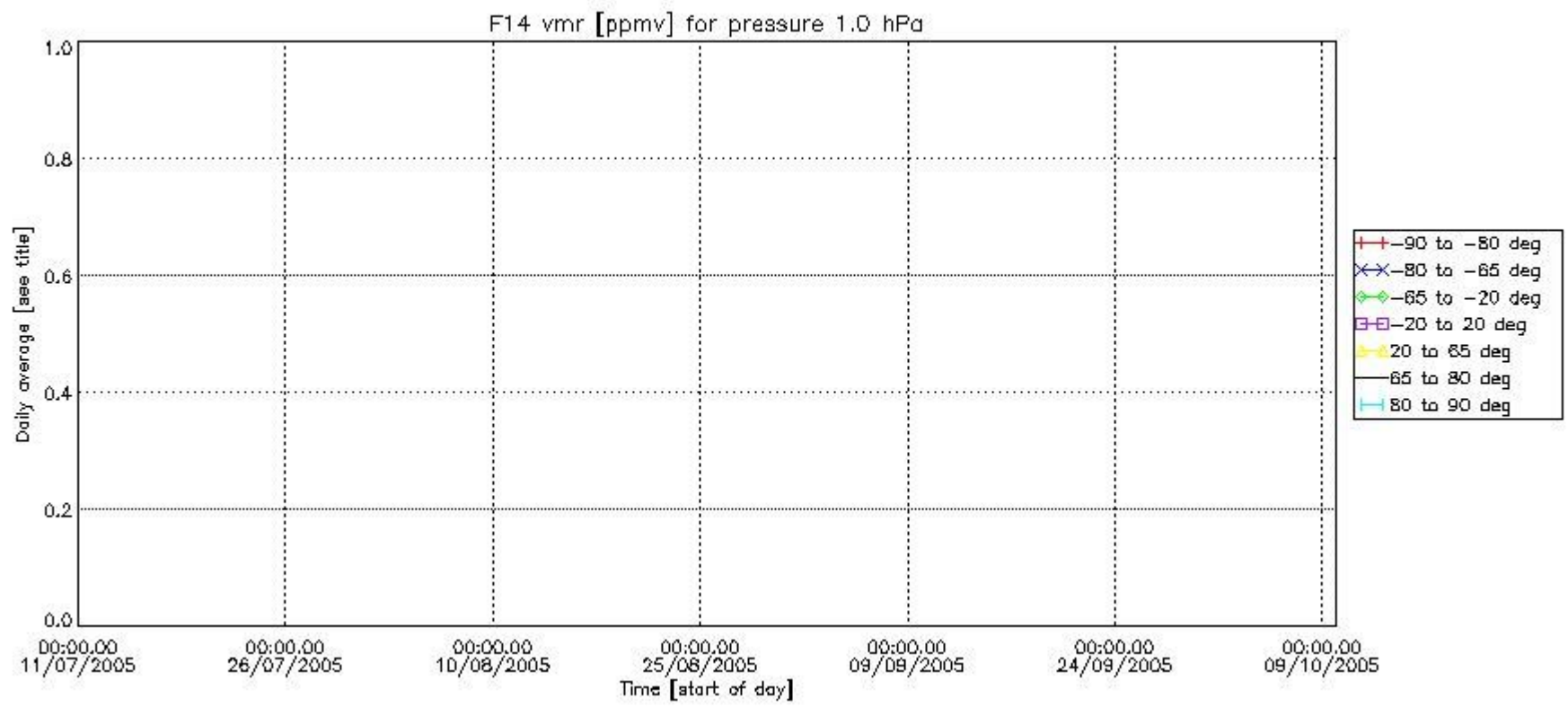
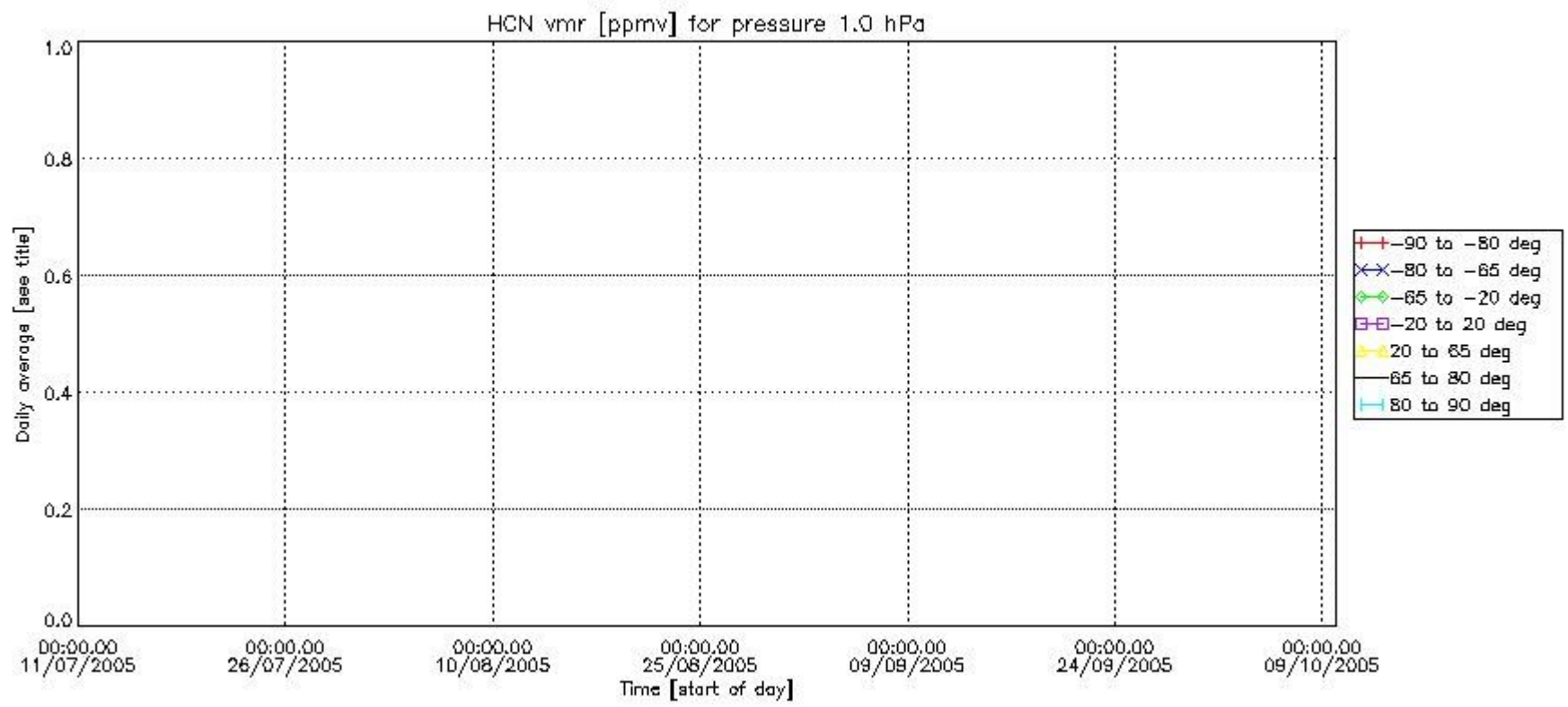


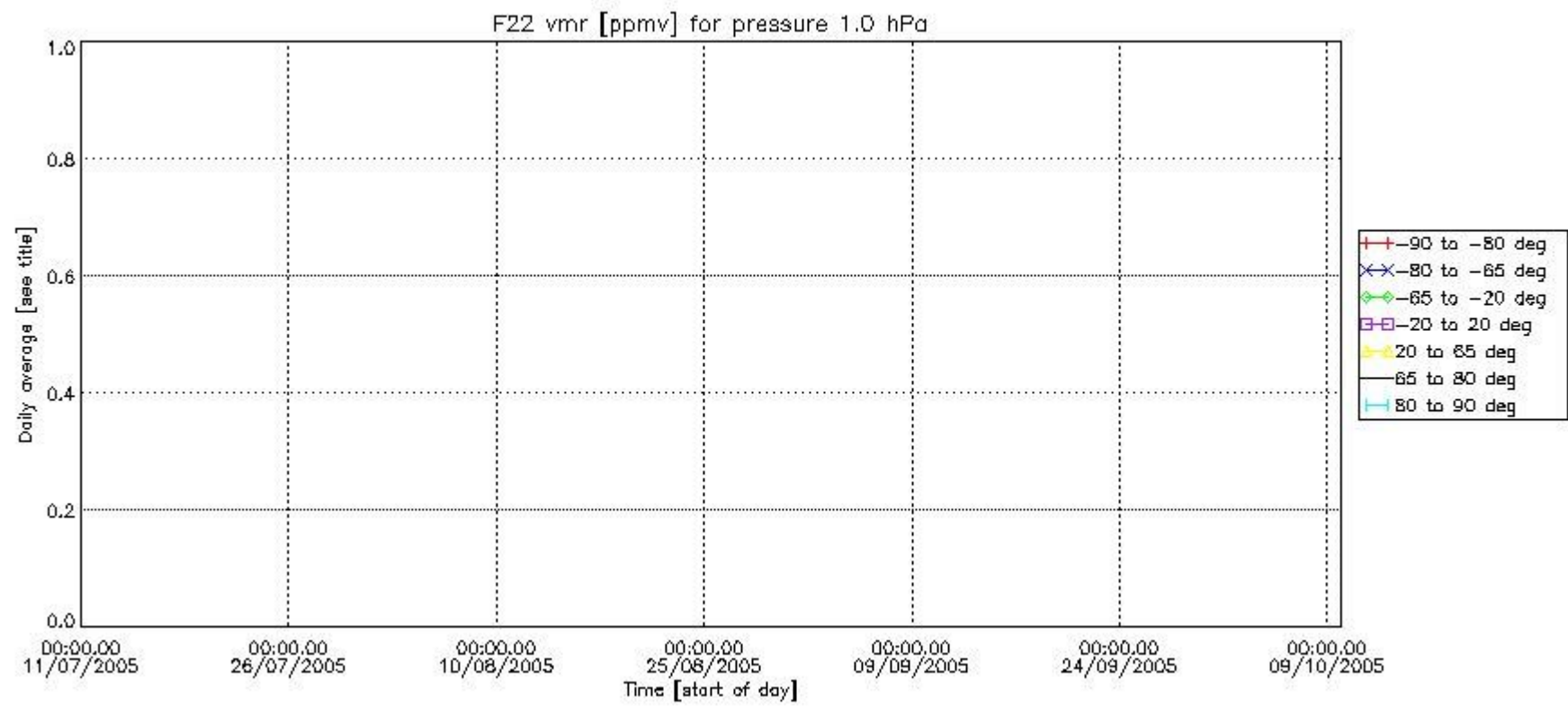












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

