

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060128.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	26APR2016 11:46:49
Data source version	ML2PP/7.03-W
Processing scope for products	28JAN2006 00:00:00 to 29JAN2006 00:00:00
Start time of first product within scope	28JAN2006 03:12:25
Stop time of last product within scope	28JAN2006 21:51:44
Total number of level 2 products	9
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__2PWDSI20060128_031225_000001692044_00361_20455_1000.N1	28JAN2006 03:12:25	28JAN2006 03:15:14	0	4/4	
1	MIP_NL__2PWDSI20060128_031604_000000212044_00362_20456_1000.N1	28JAN2006 03:16:04	28JAN2006 03:16:25	0	1/1	
2	MIP_NL__2PWDSI20060128_063742_000000082044_00364_20458_1000.N1	28JAN2006 06:37:42	28JAN2006 06:37:50	1	1/1	
3	MIP_NL__2PWDSI20060128_082139_000057482044_00365_20459_1000.N1	28JAN2006 08:21:39	28JAN2006 09:57:27	0	103/103	<b>VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:1; F14/micro:1]</b>
4	MIP_NL__2PWDSI20060128_095817_000060352044_00366_20460_1000.N1	28JAN2006 09:58:17	28JAN2006 11:38:52	0	133/133	<b>VMR_TERM_MACRO_MICRO[HCN/micro:2]</b>
5	MIP_NL__2PWDSI20060128_113858_000005502044_00367_20461_1000.N1	28JAN2006 11:38:58	28JAN2006 11:48:08	0	12/12	
6	MIP_NL__2PWDSI20060128_182514_000057482044_00371_20465_1000.N1	28JAN2006 18:25:14	28JAN2006 20:01:02	0	122/122	<b>VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]</b>
7	MIP_NL__2PWDSI20060128_200152_000060352044_00372_20466_1000.N1	28JAN2006 20:01:52	28JAN2006 21:42:28	0	133/133	<b>VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:3]</b>
8	MIP_NL__2PWDSI20060128_214234_000005502044_00373_20467_1000.N1	28JAN2006 21:42:34	28JAN2006 21:51:44	0	12/12	

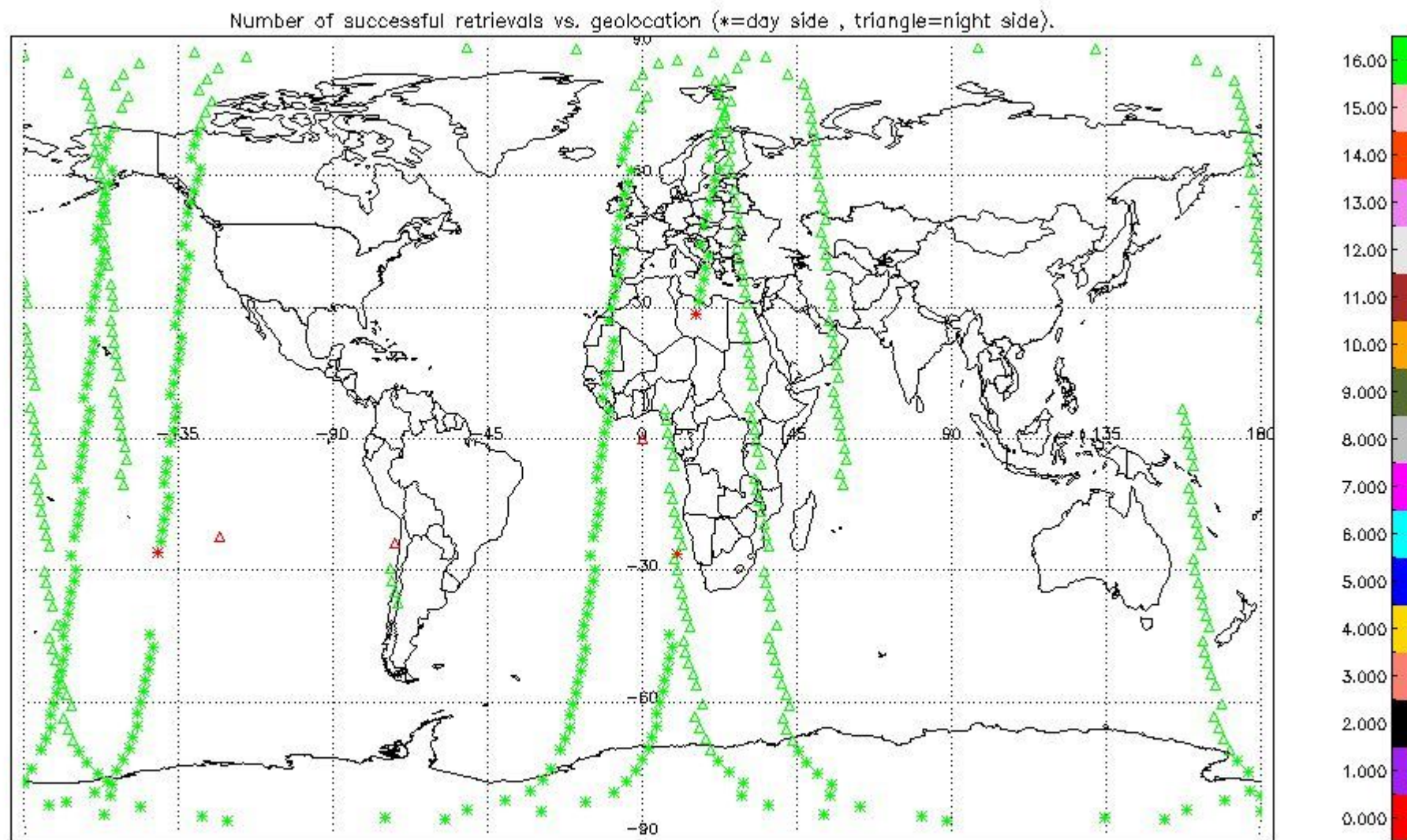
## 2.2 Processing performance indicators

### 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.

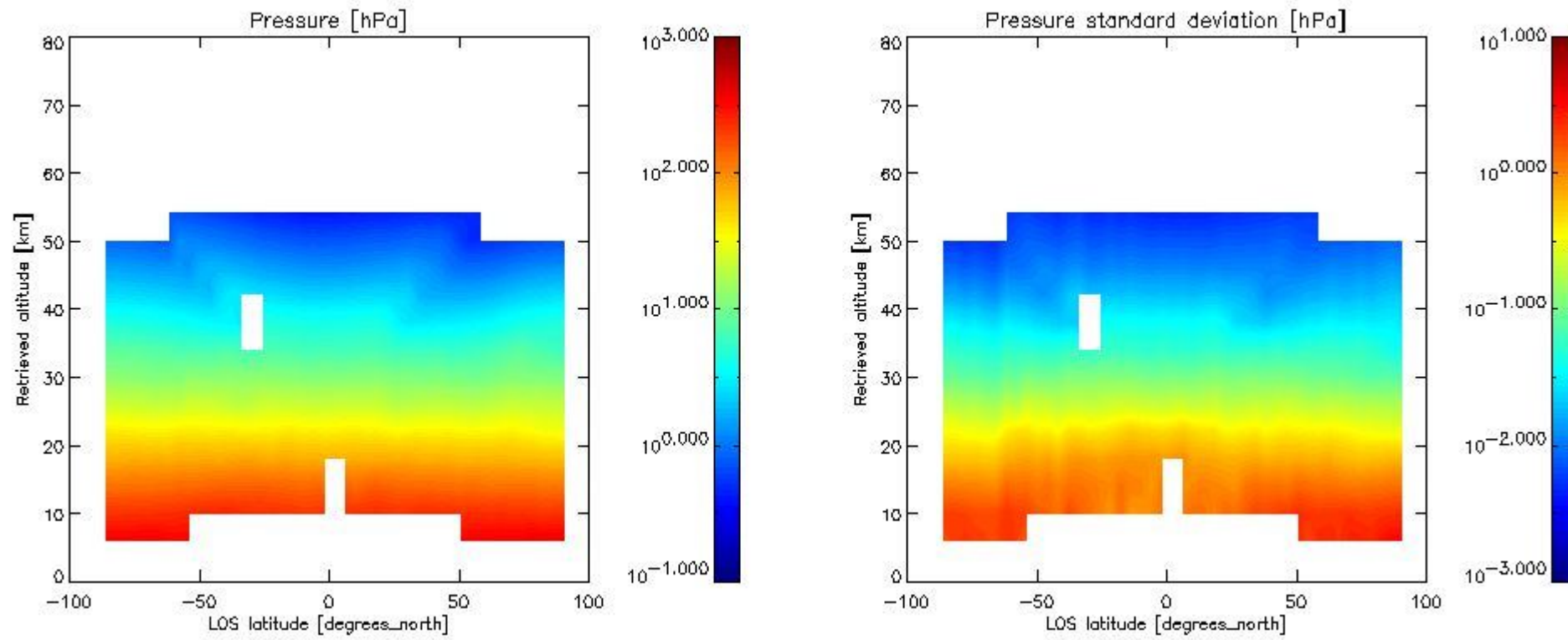
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	521	514	98.656

H2O	521	514	98.656
O3	521	514	98.656
HNO3	521	514	98.656
CH4	521	514	98.656
N2O	521	514	98.656
NO2	521	514	98.656
F11	521	514	98.656
CLNO	521	514	98.656
N2O5	521	514	98.656
F12	521	514	98.656
COF2	521	514	98.656
CCL4	521	514	98.656
HCN	521	514	98.656
F14	521	514	98.656
F22	521	514	98.656



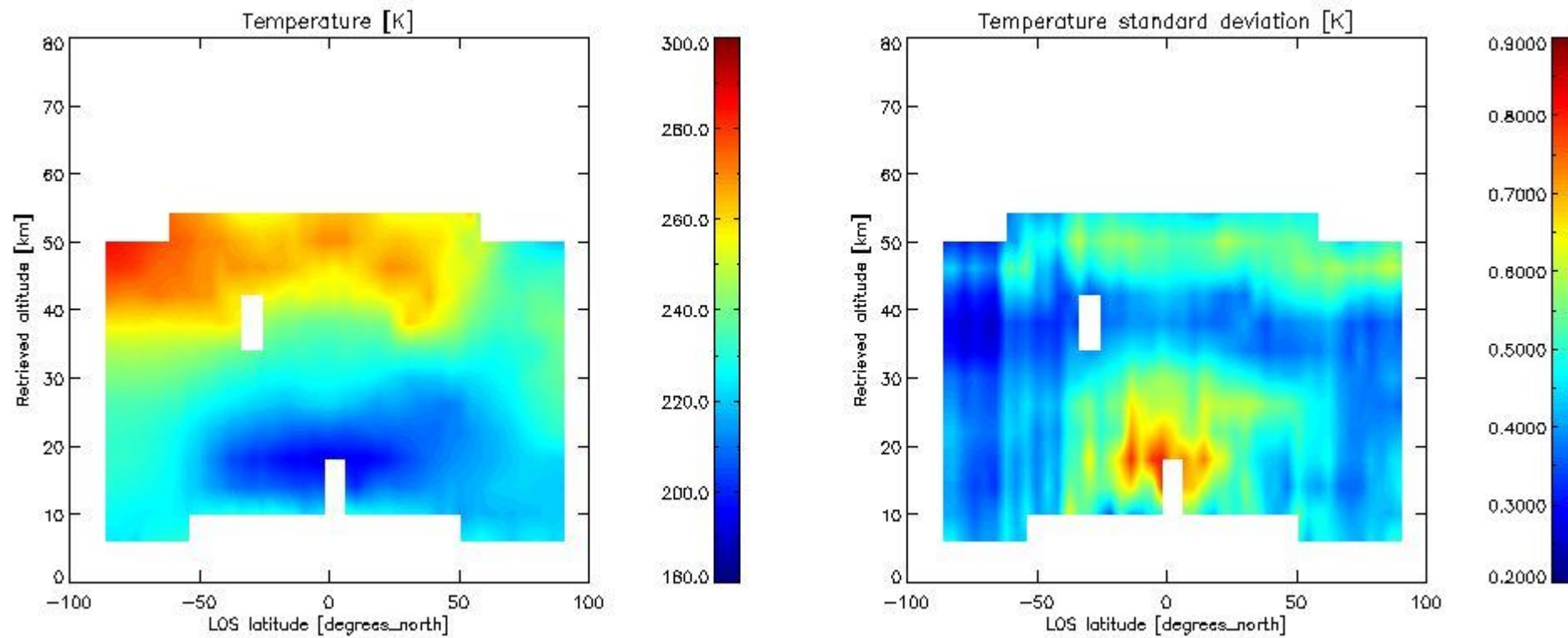
## 2.2.2 Pressure overview

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



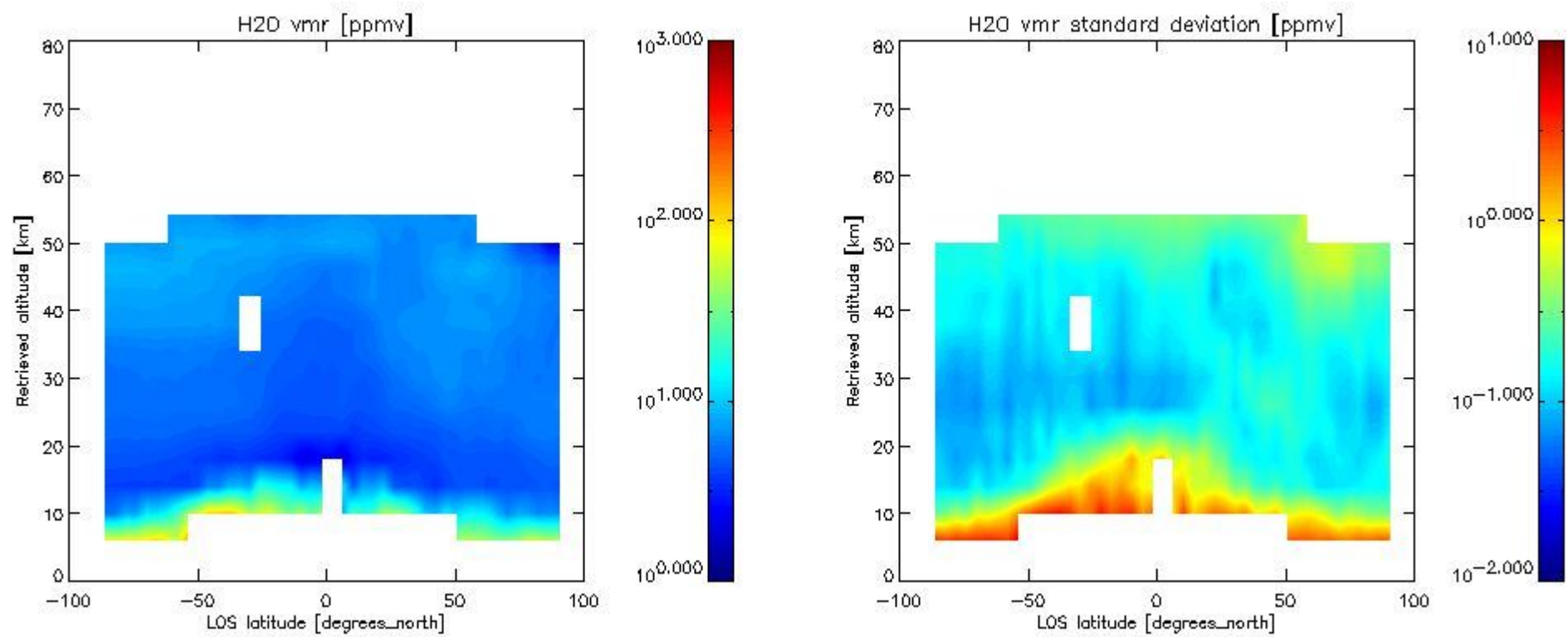
### 2.2.3 Temperature overview

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

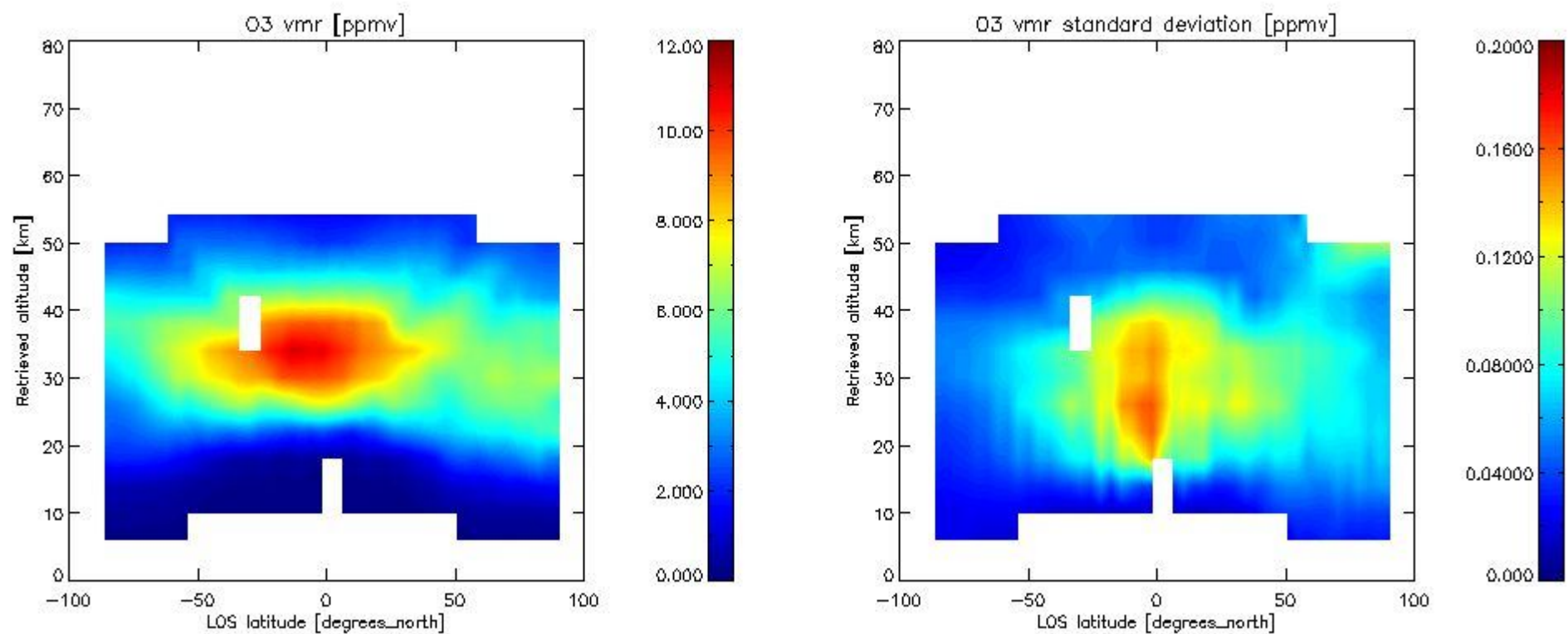


### 2.2.4 Species overview

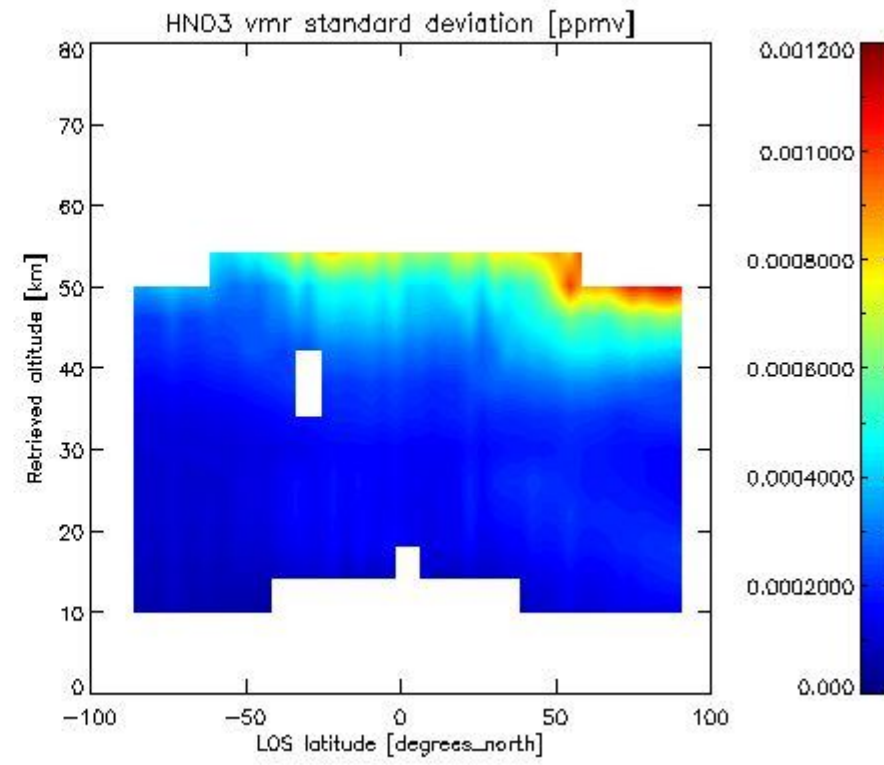
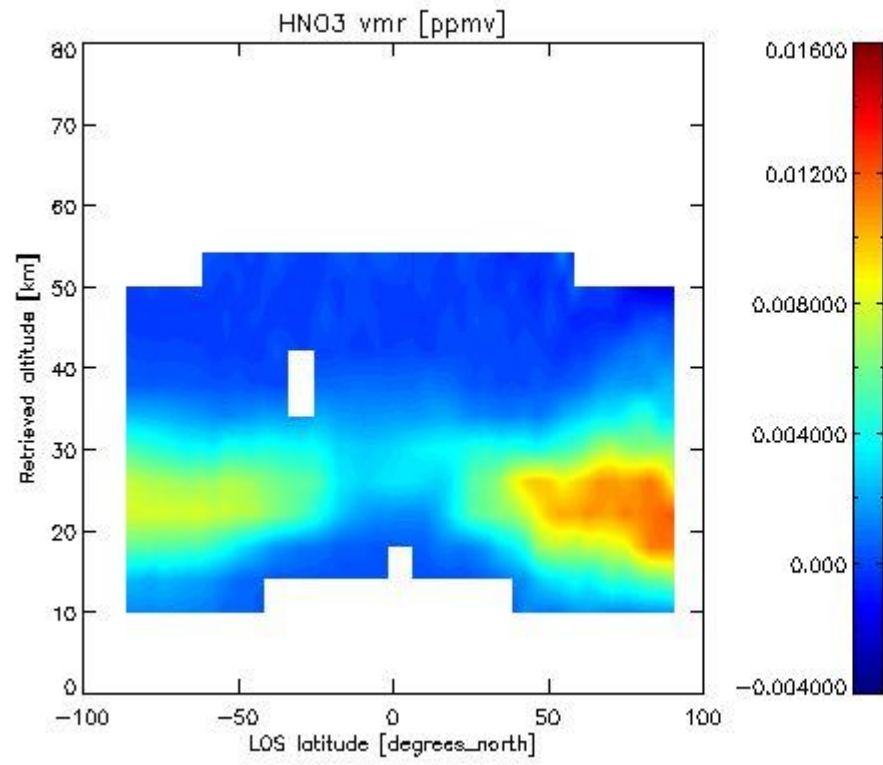
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



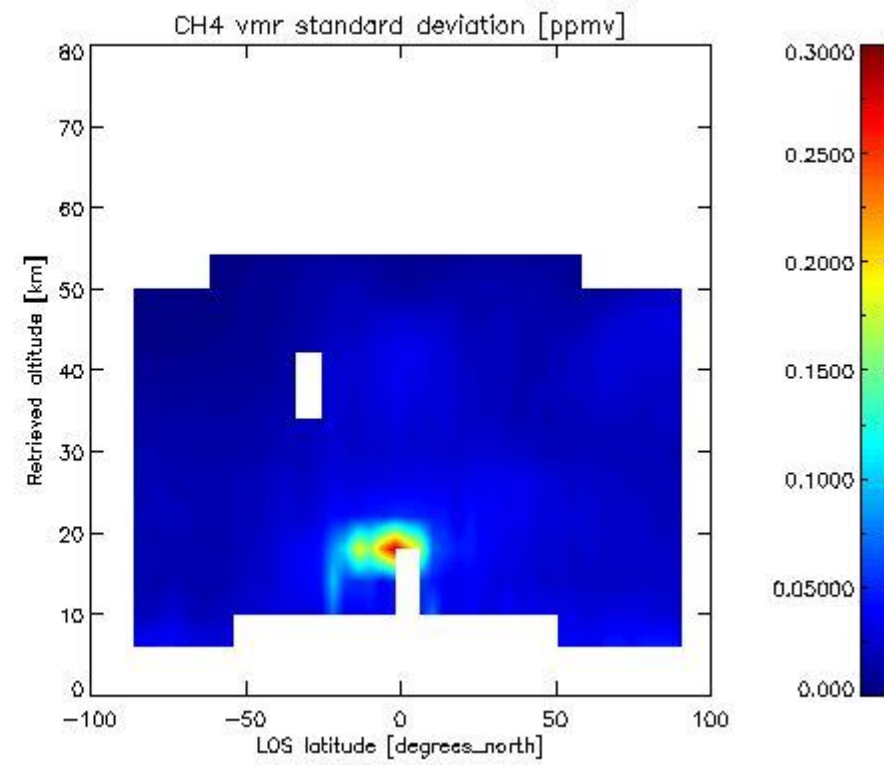
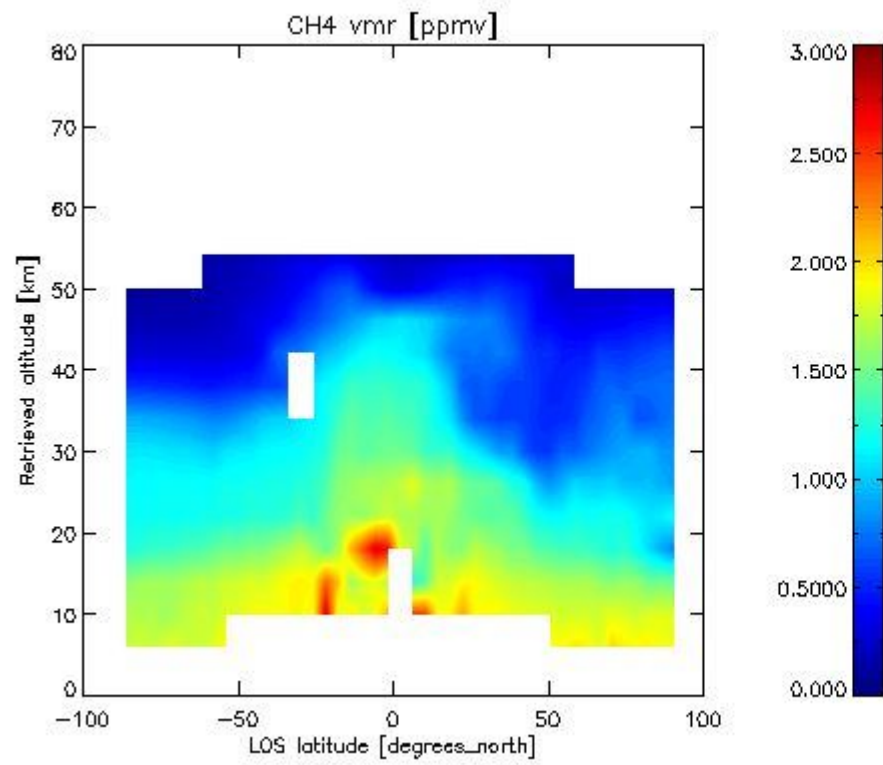
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



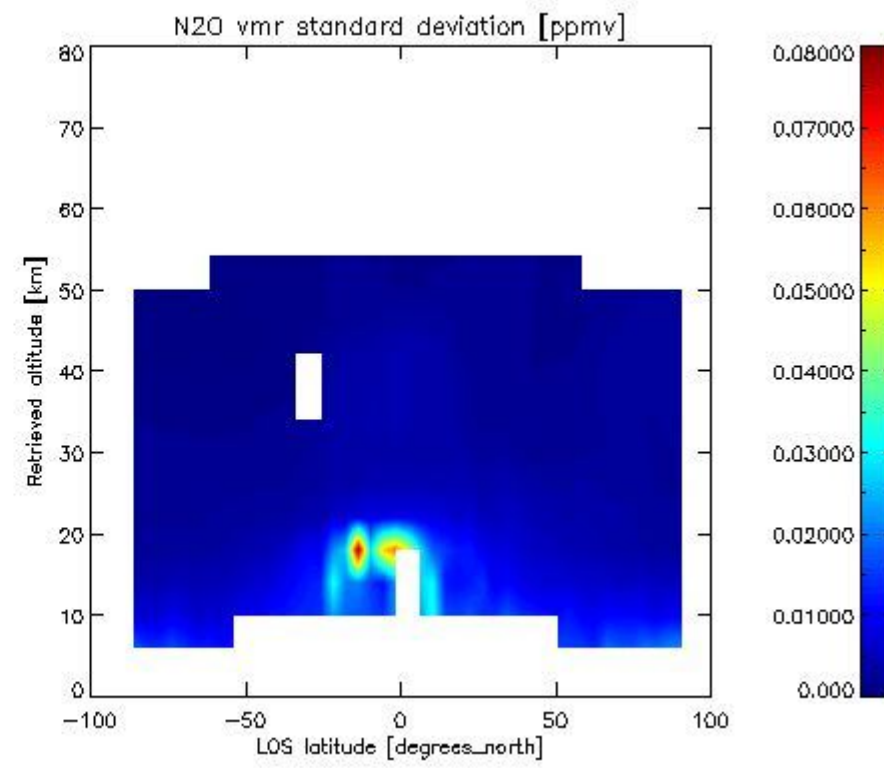
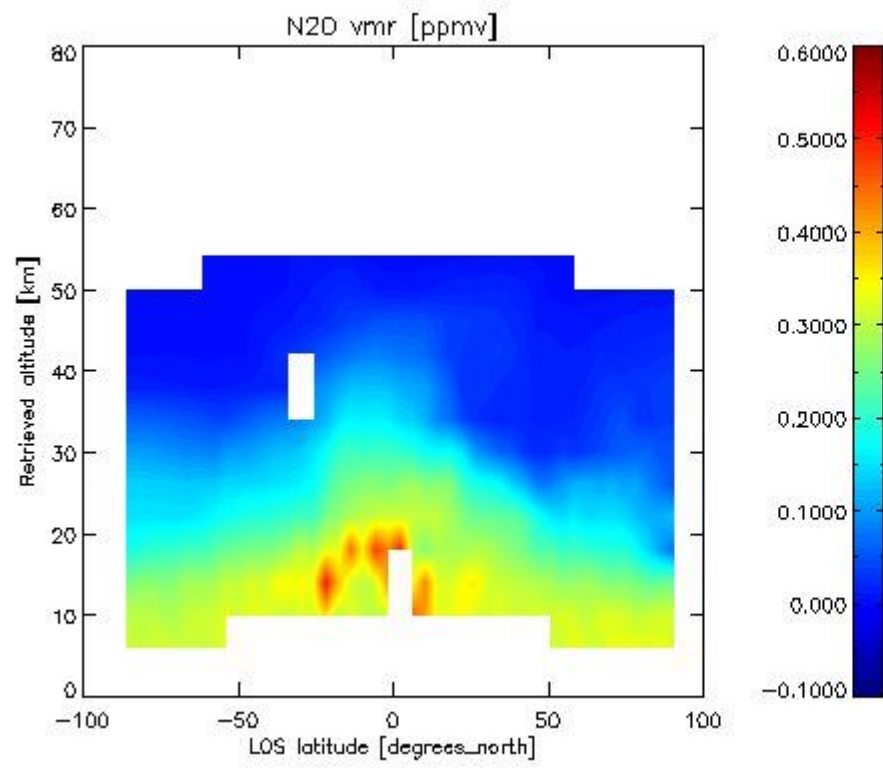
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



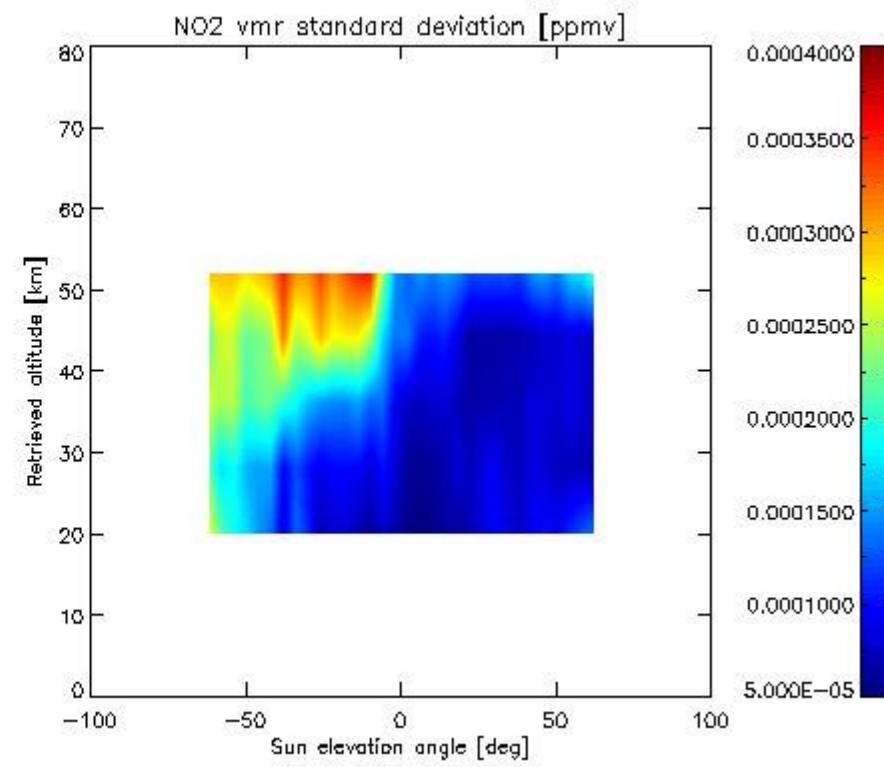
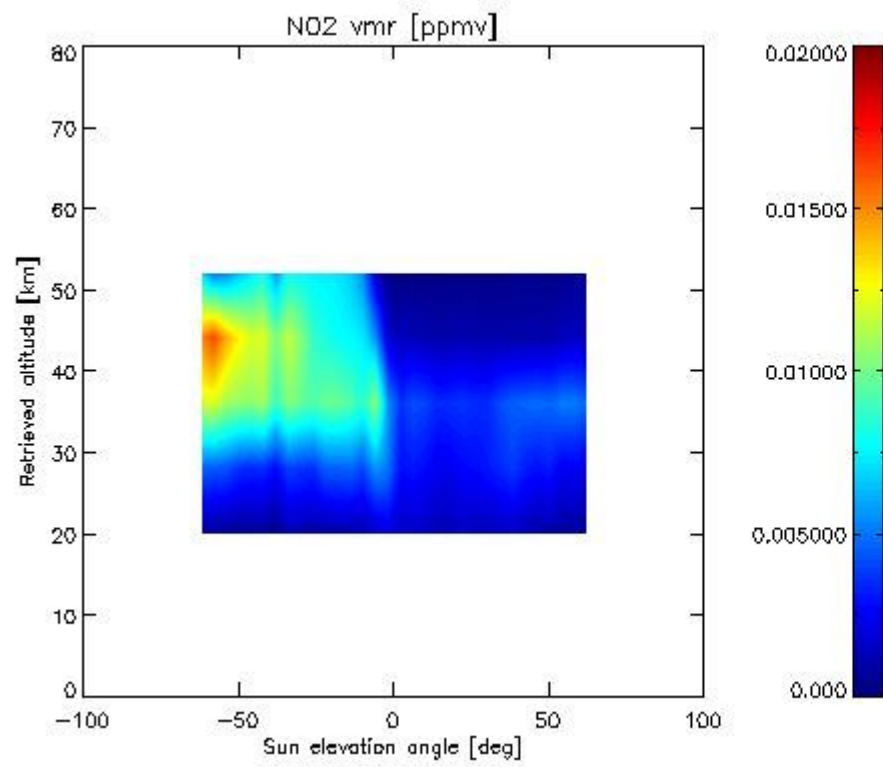
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



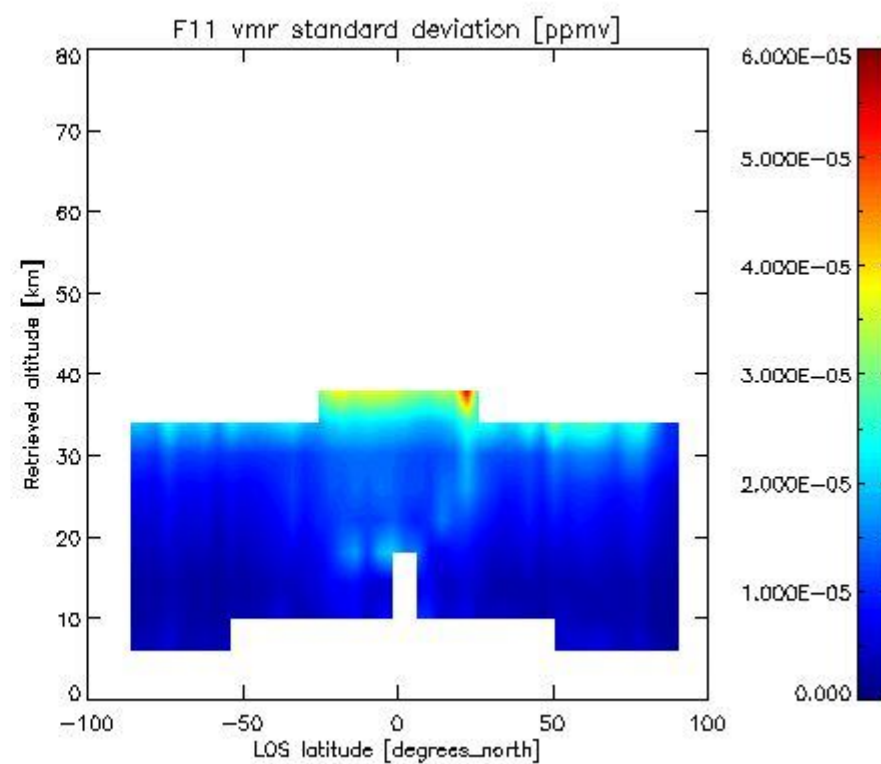
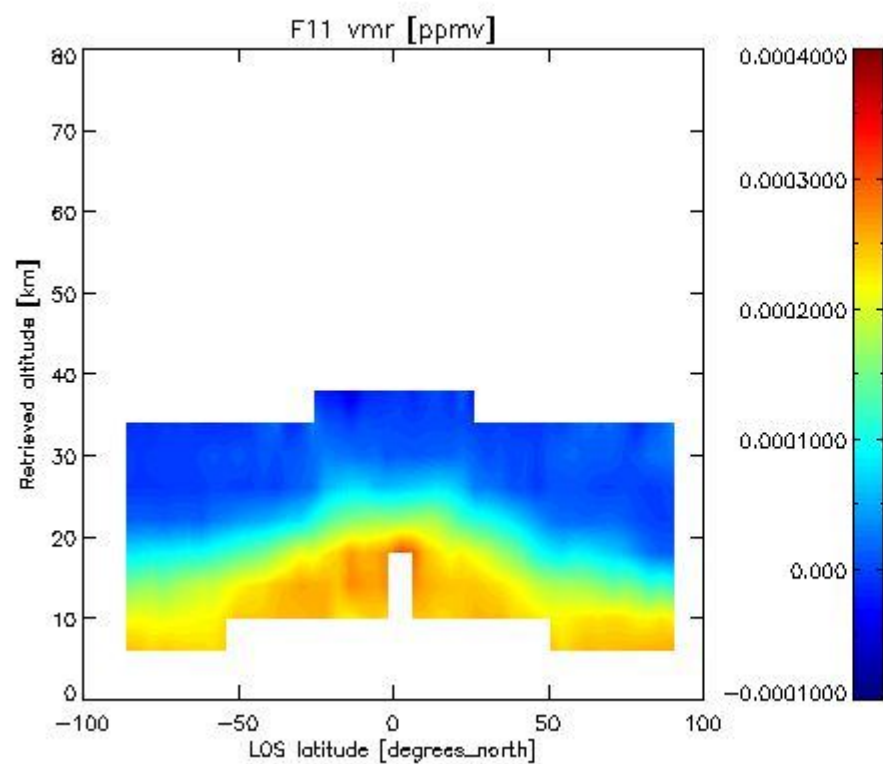
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



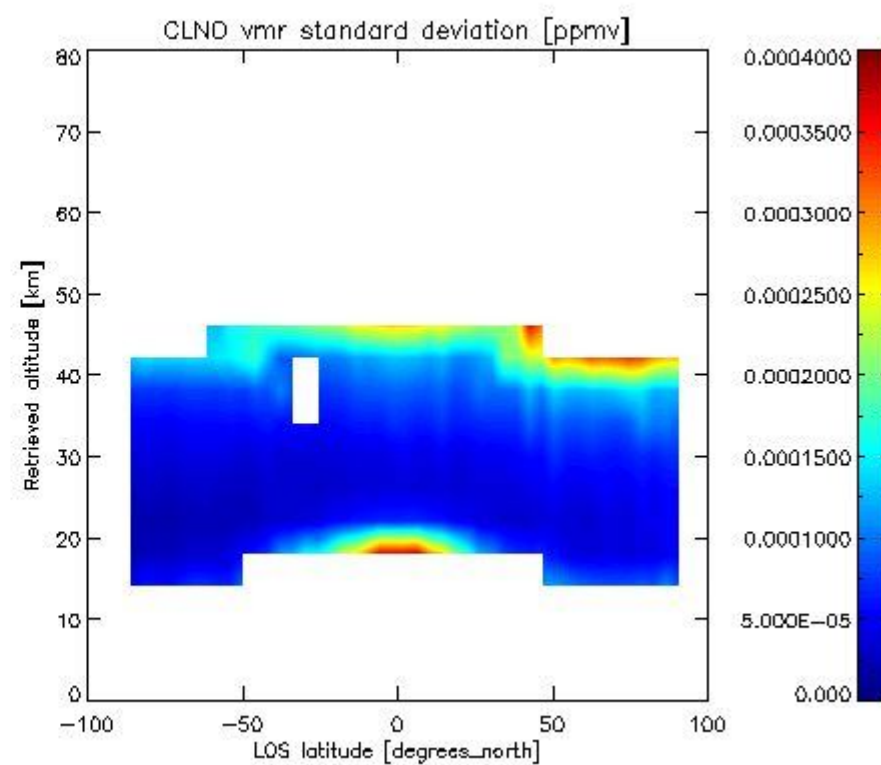
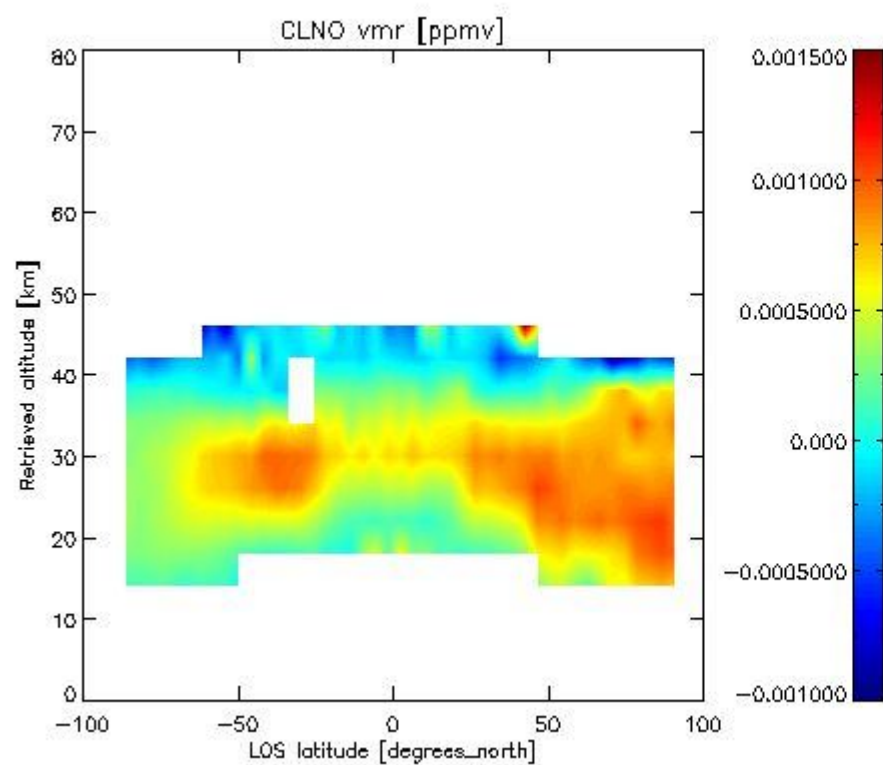
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.



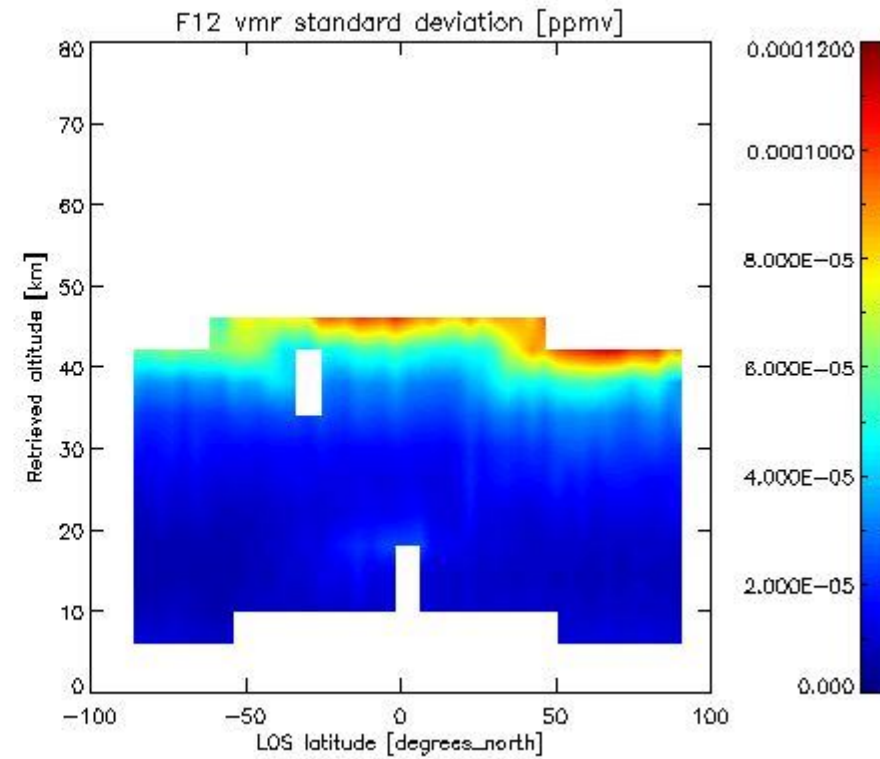
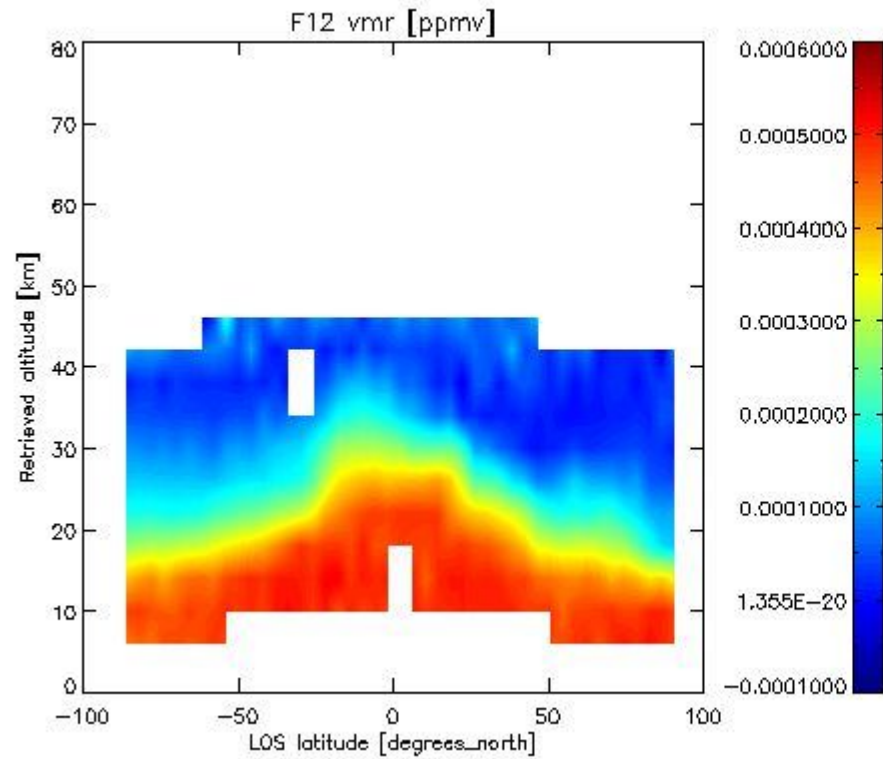
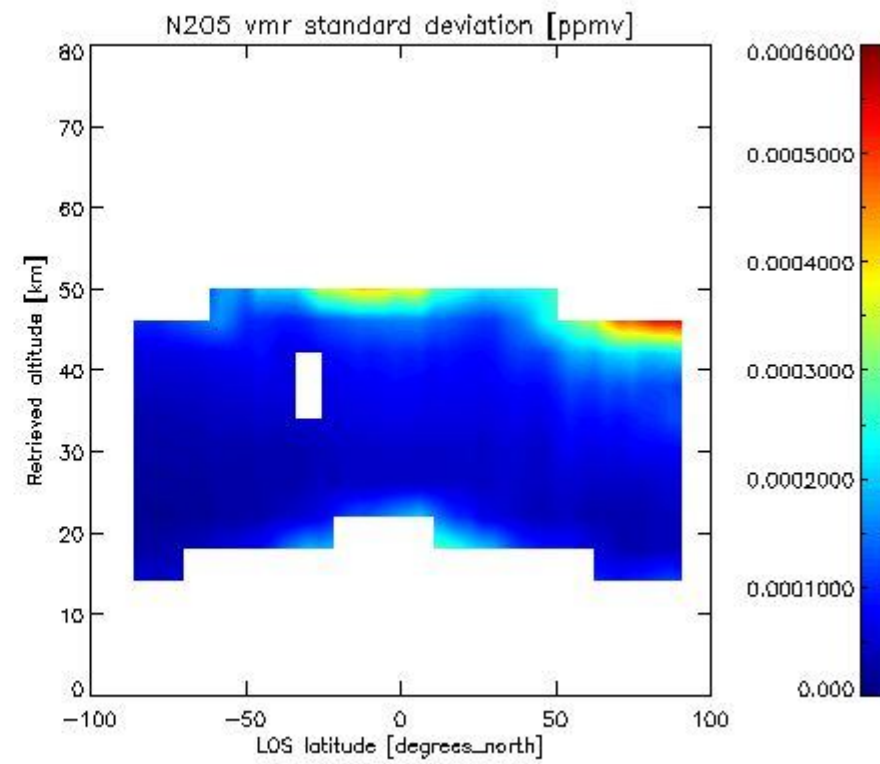
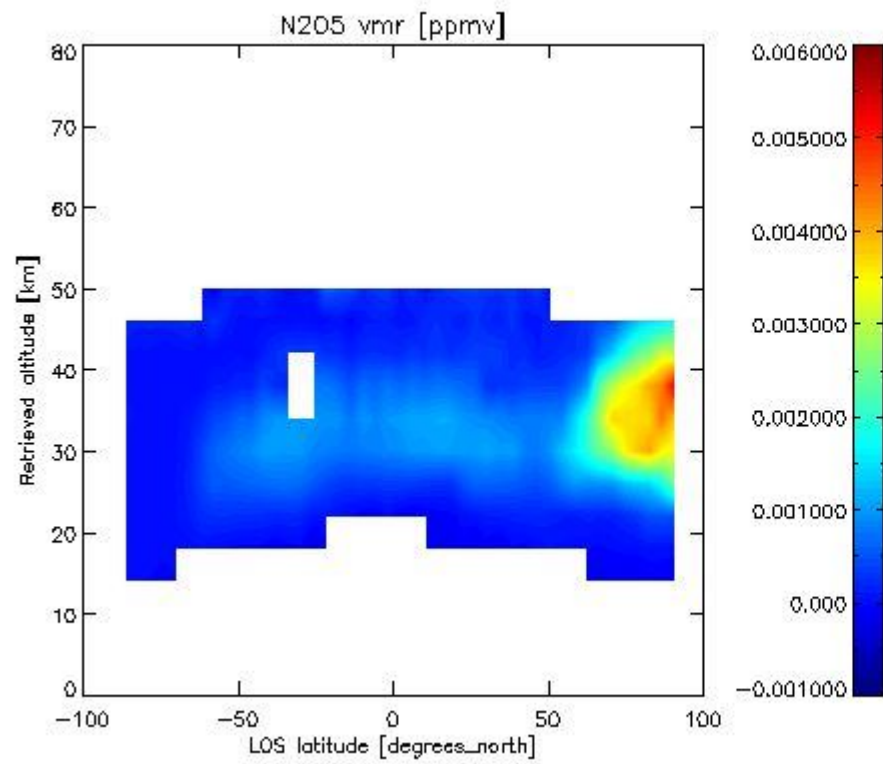
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



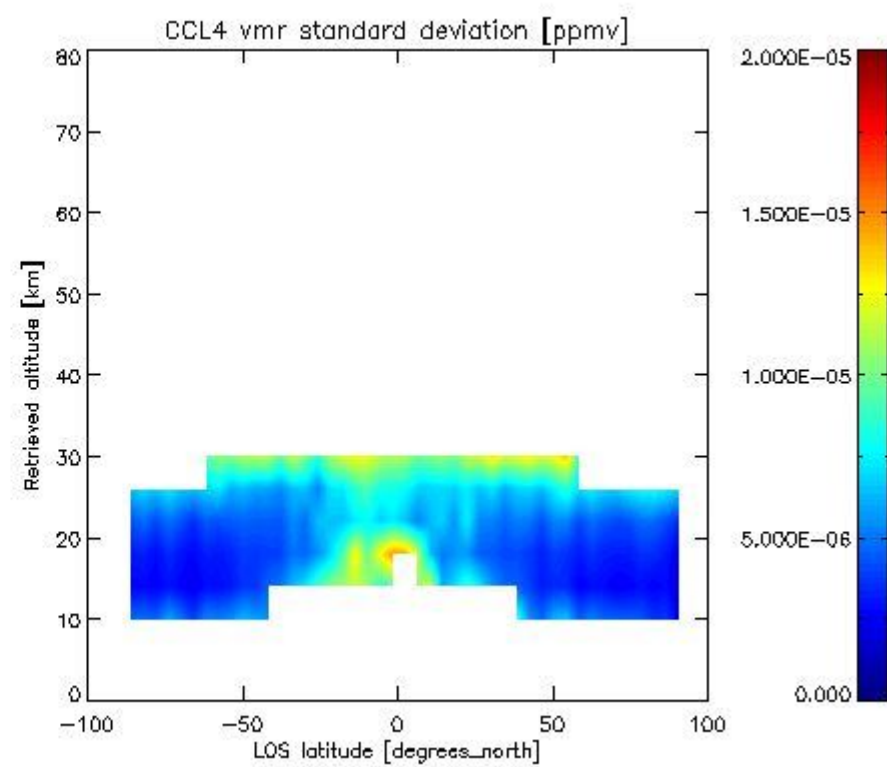
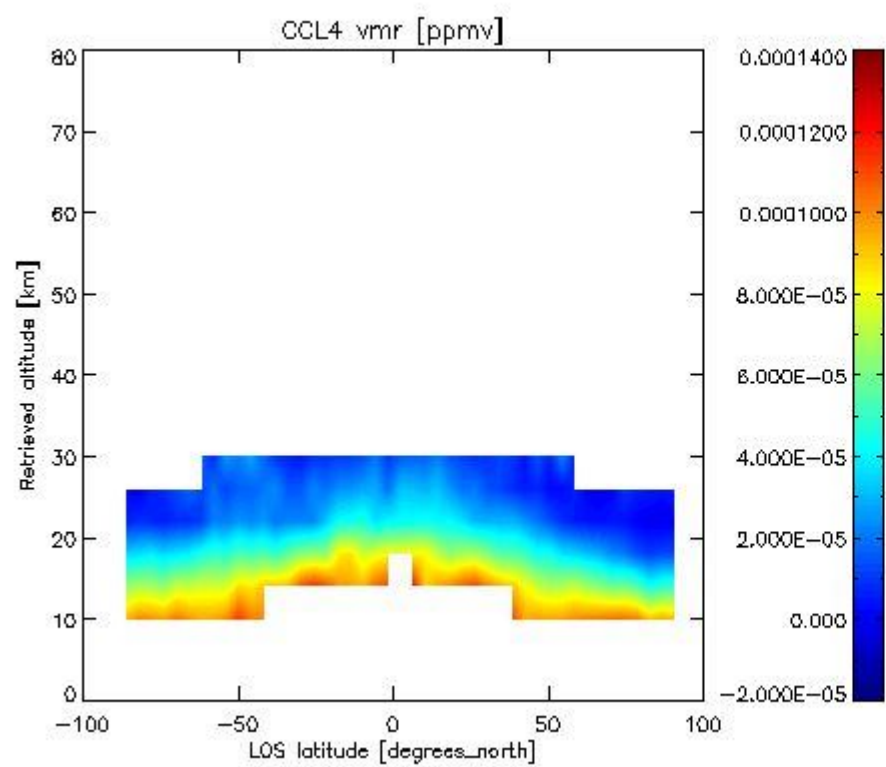
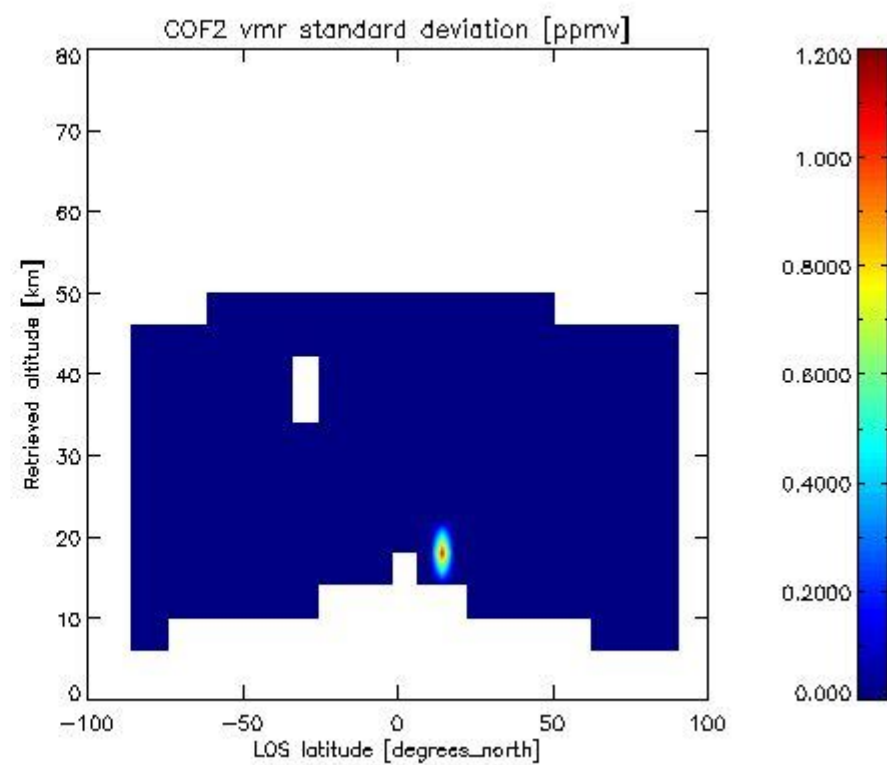
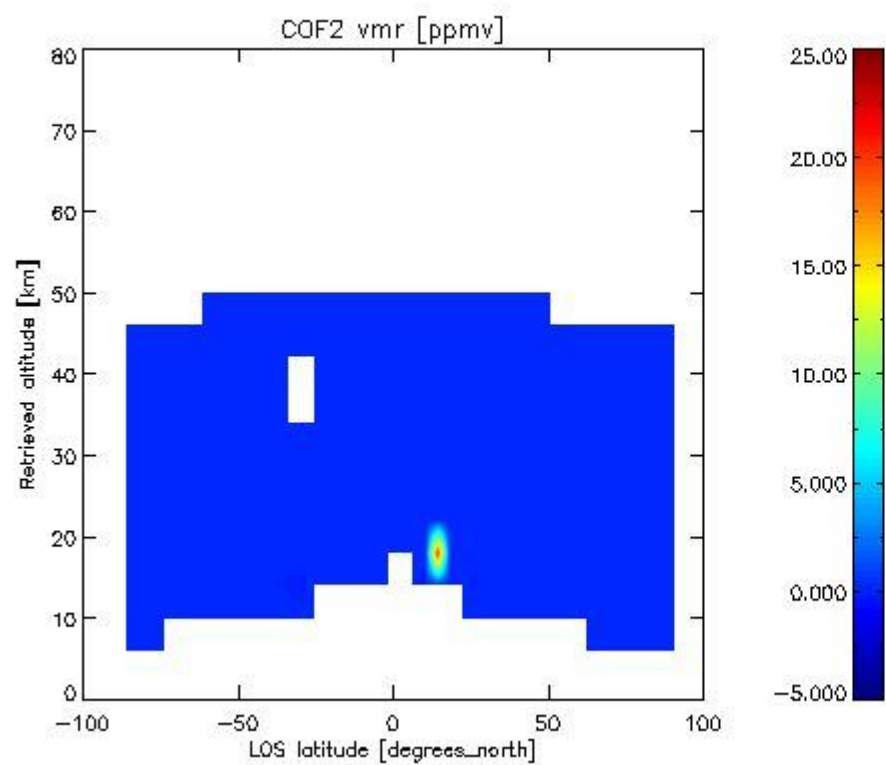
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

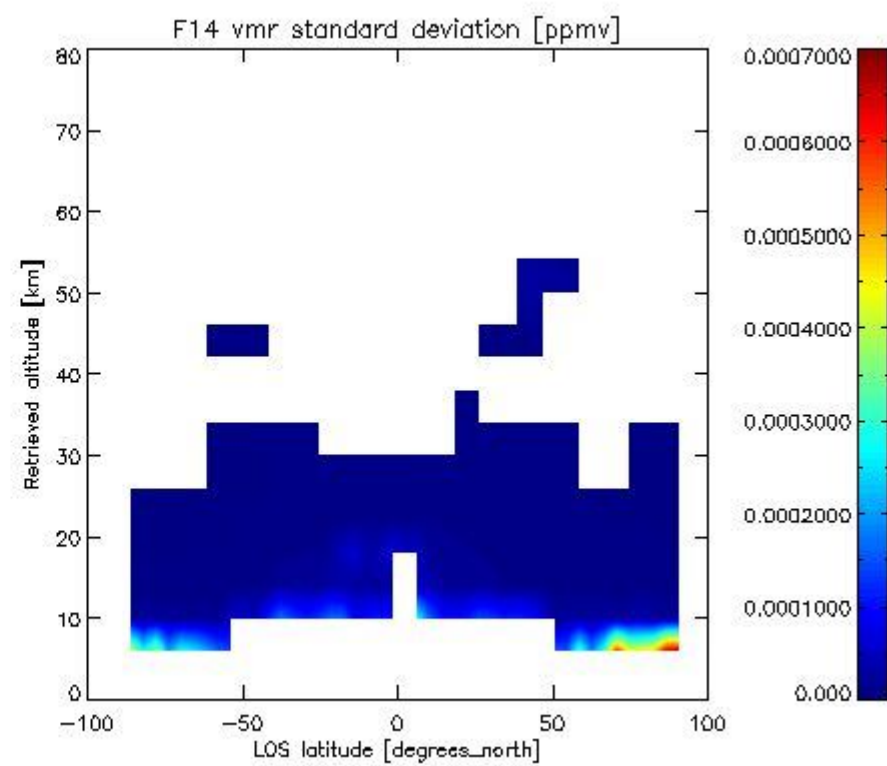
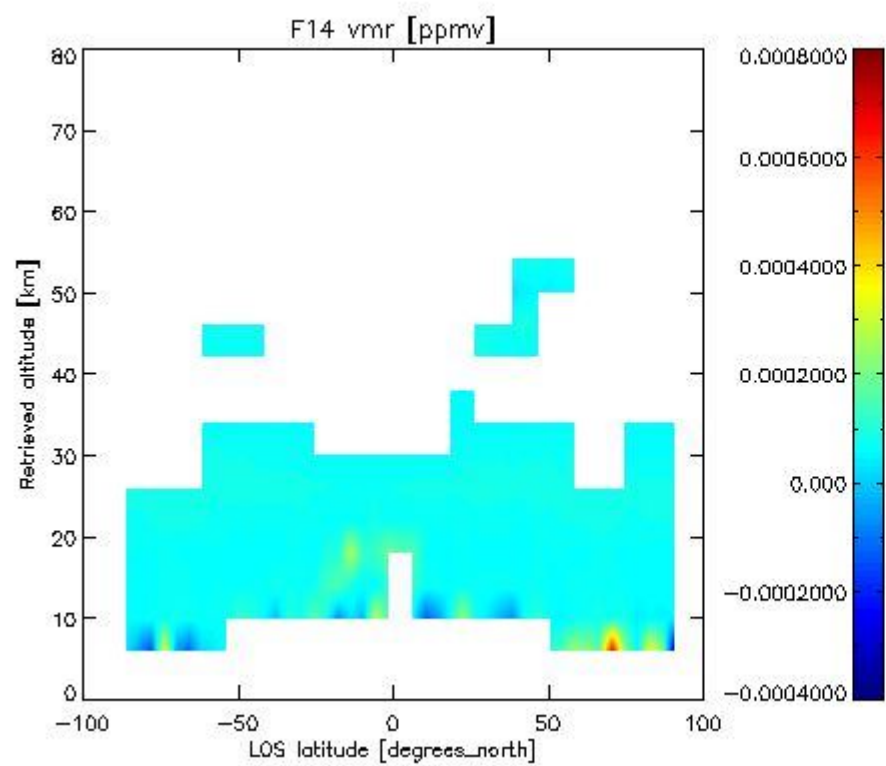
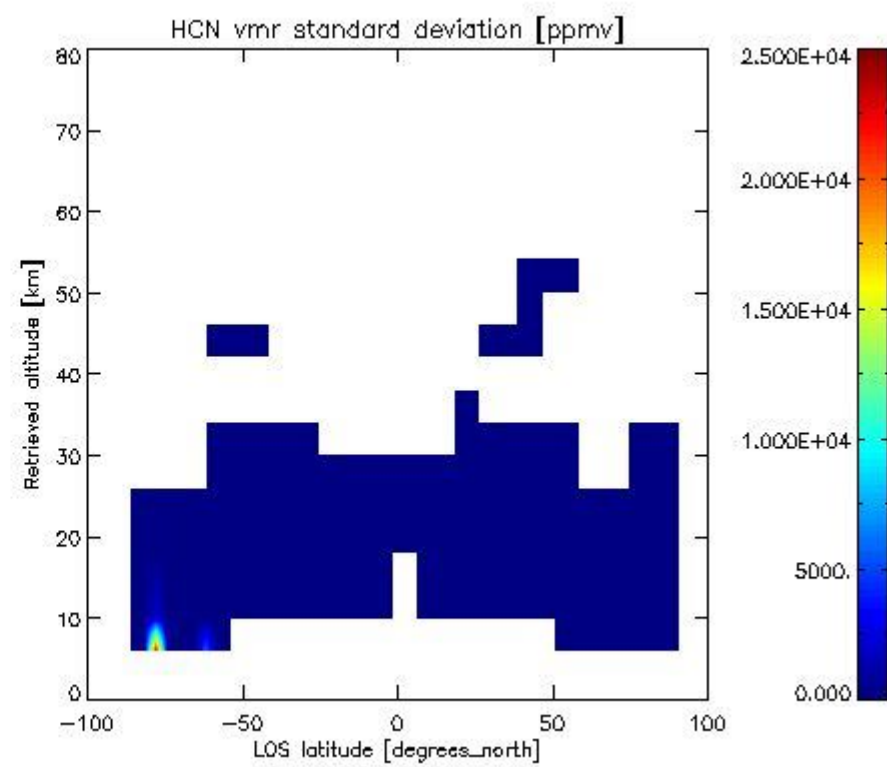
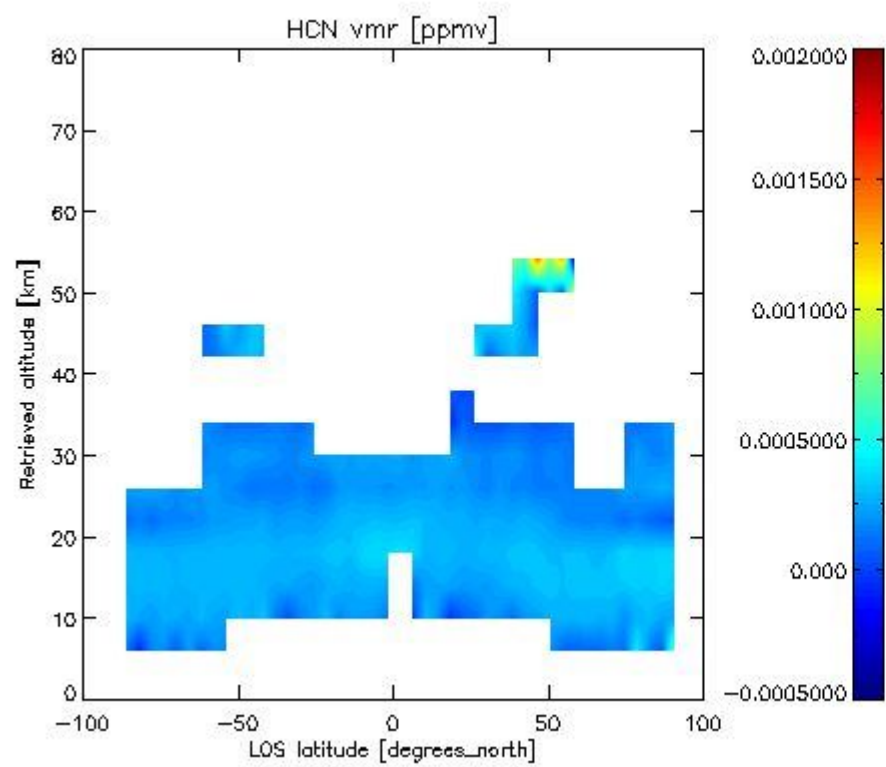


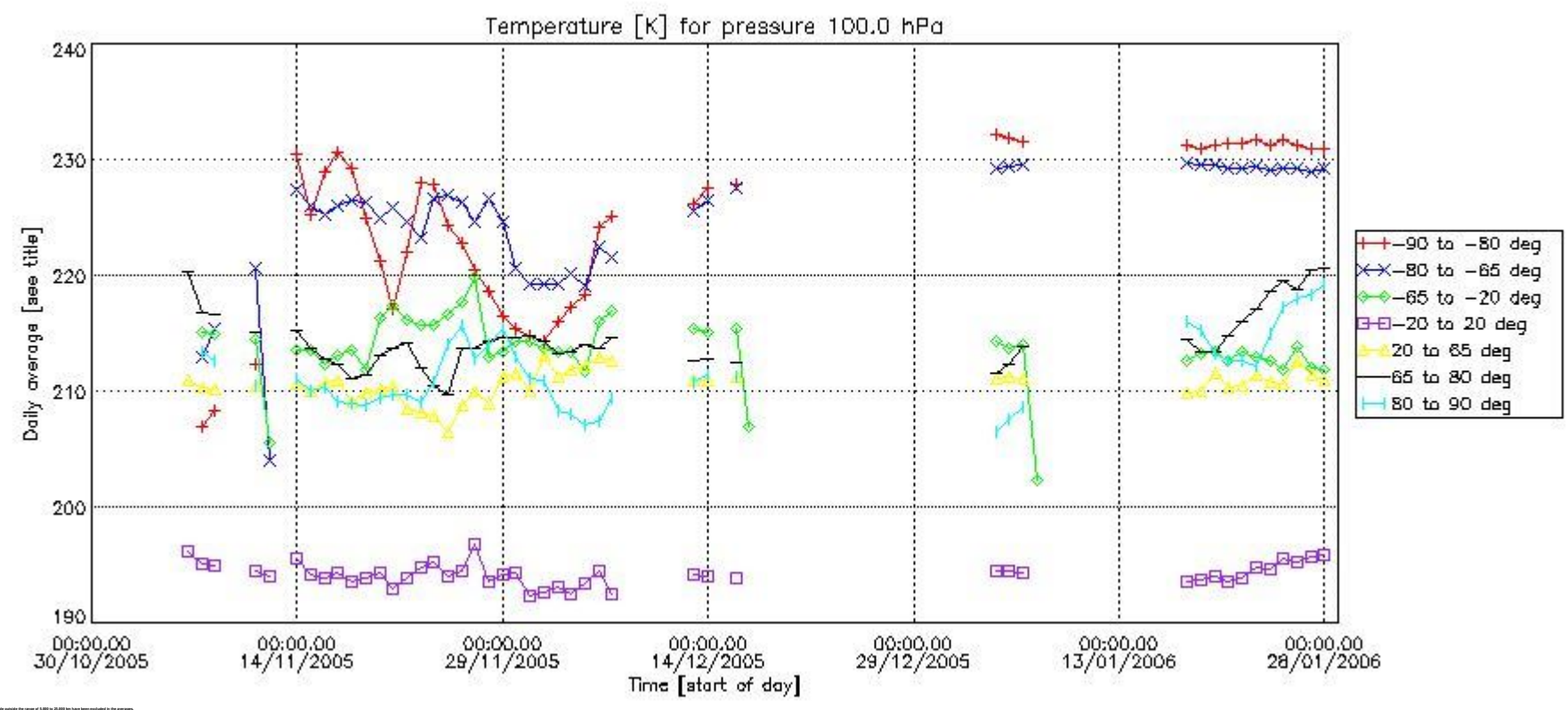
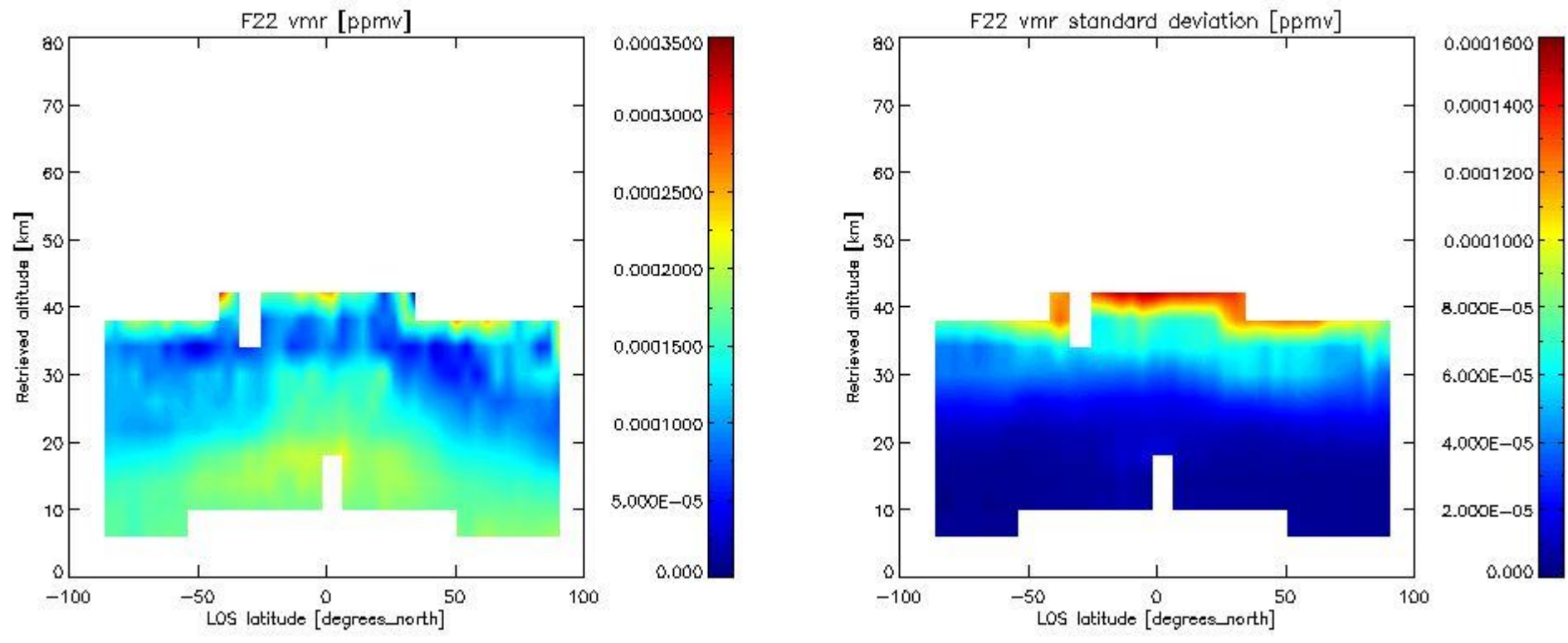
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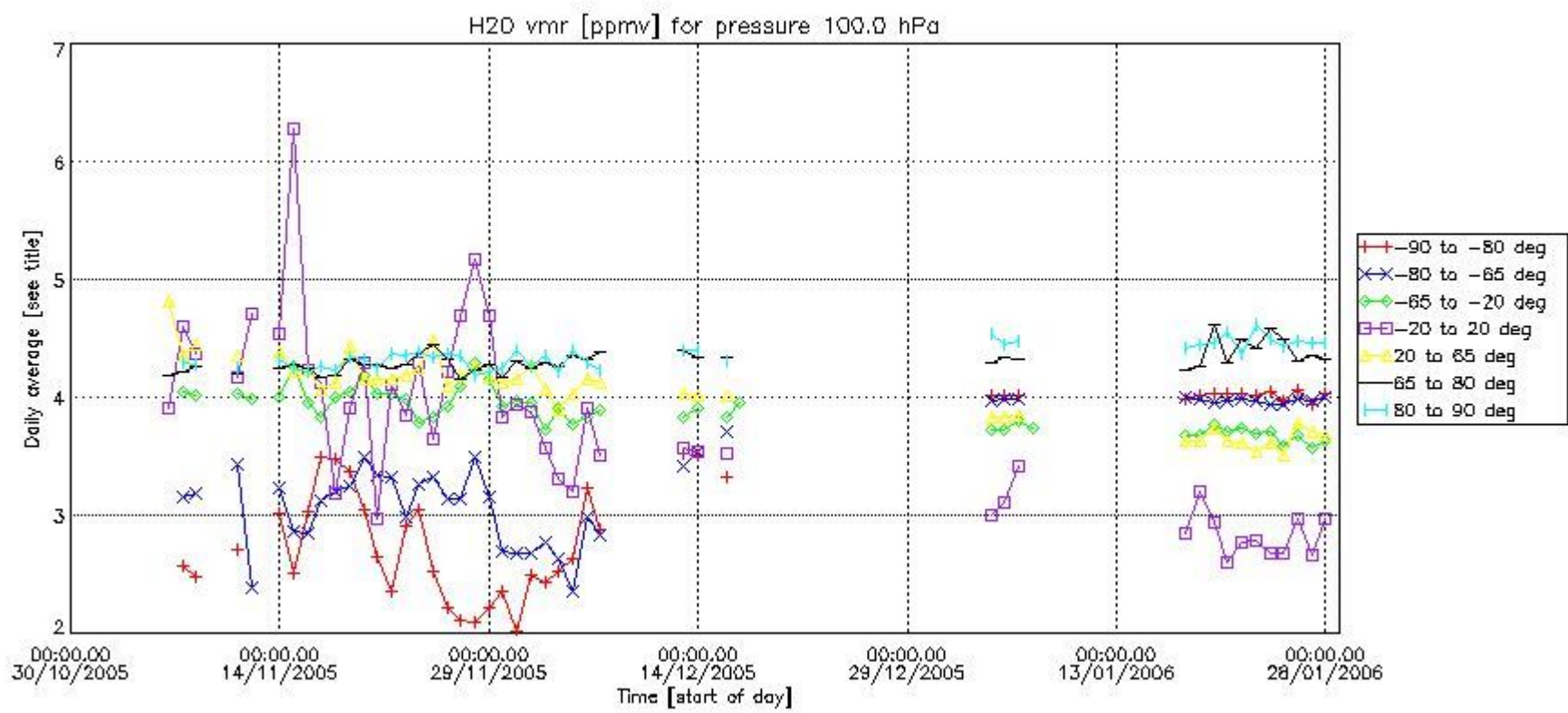
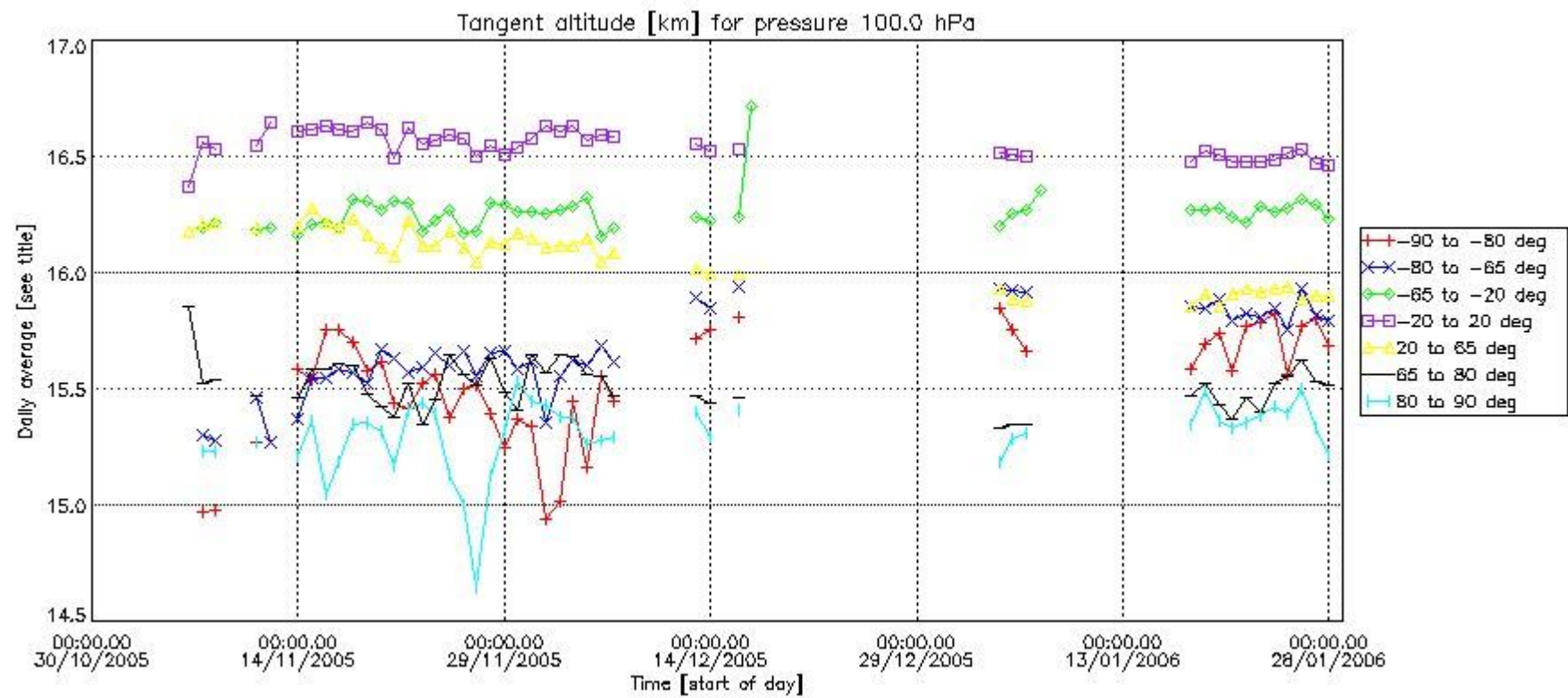


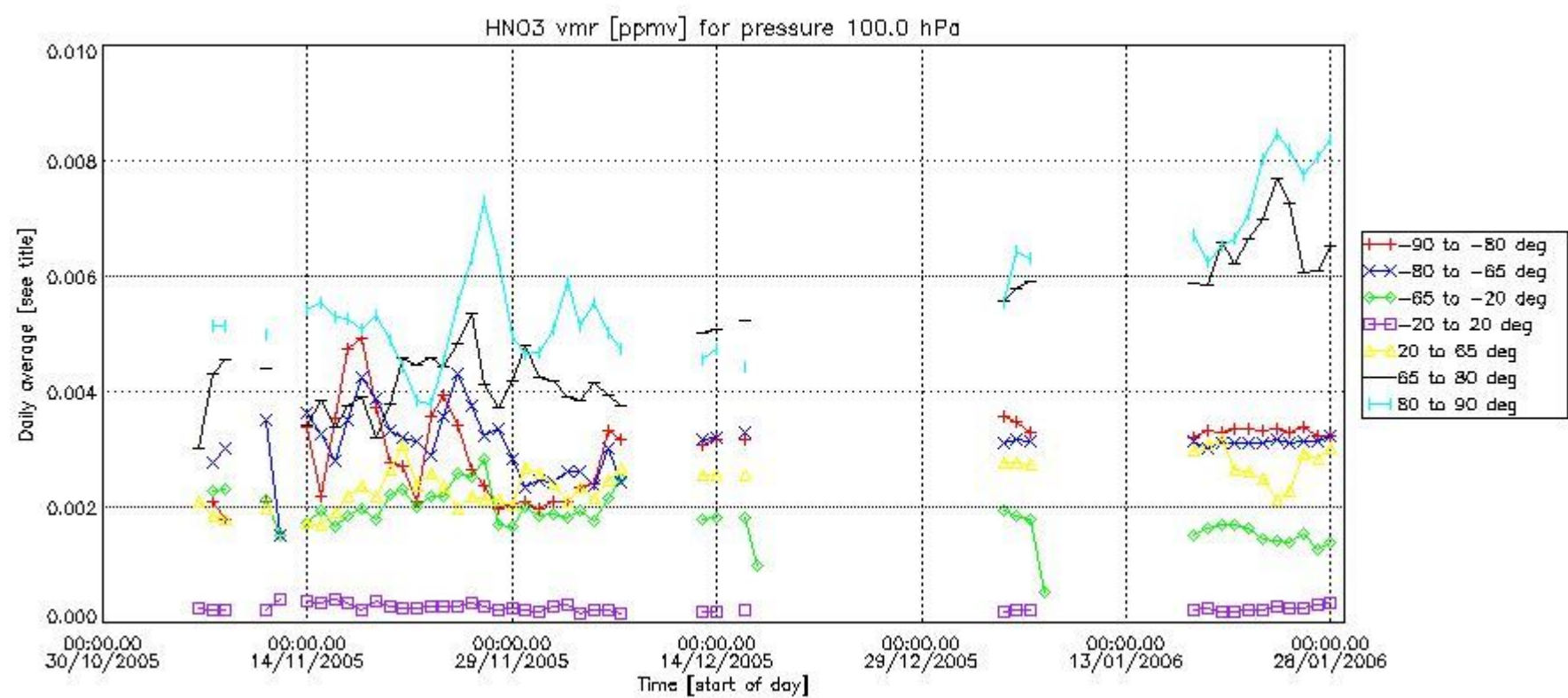
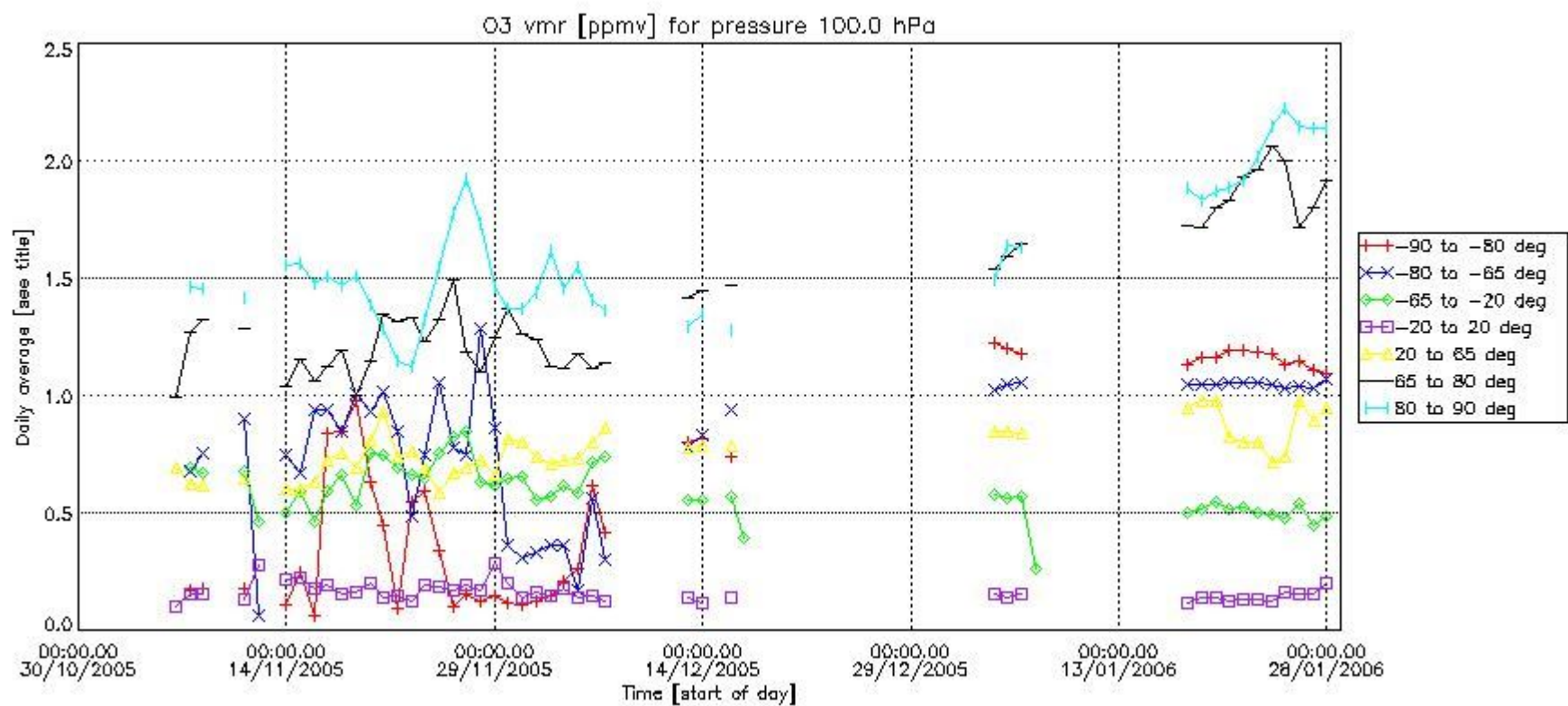


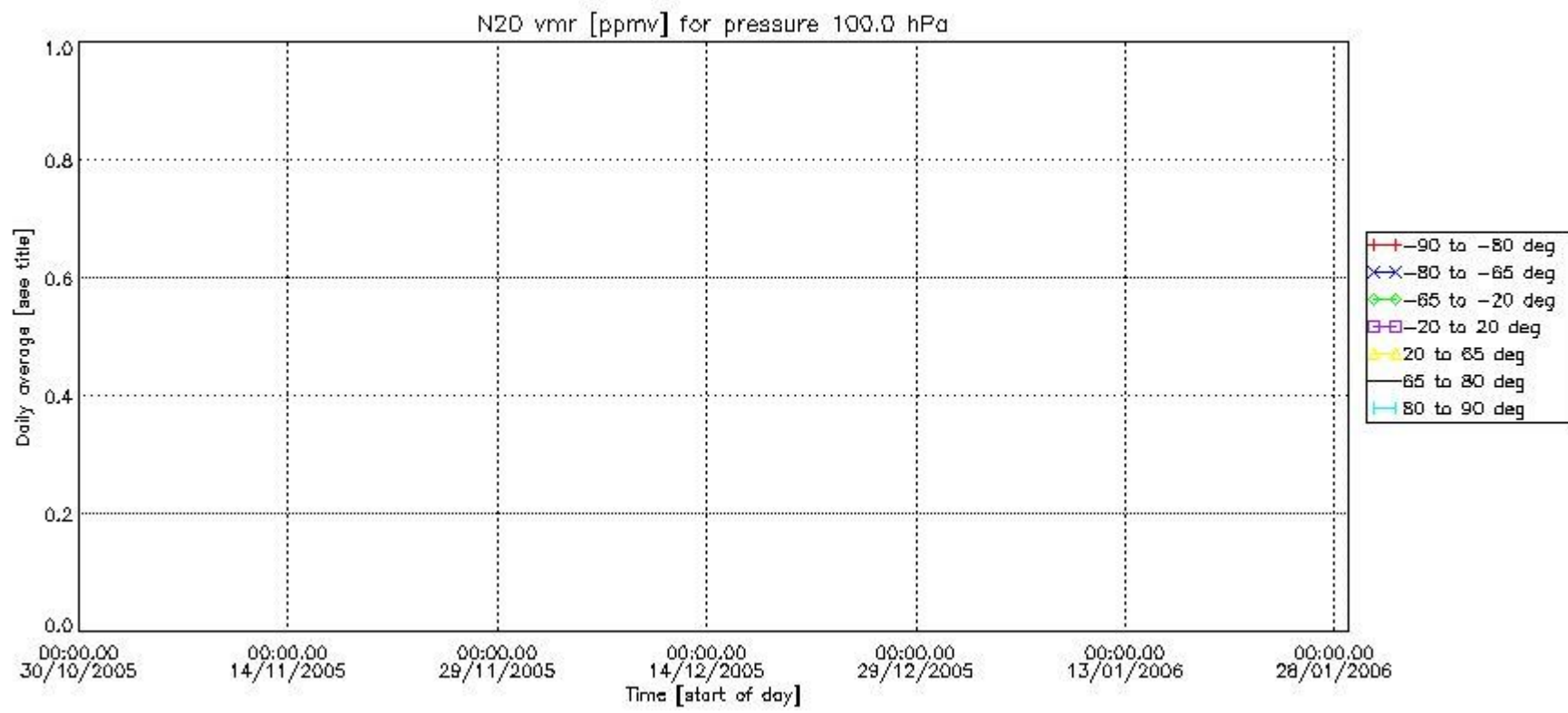
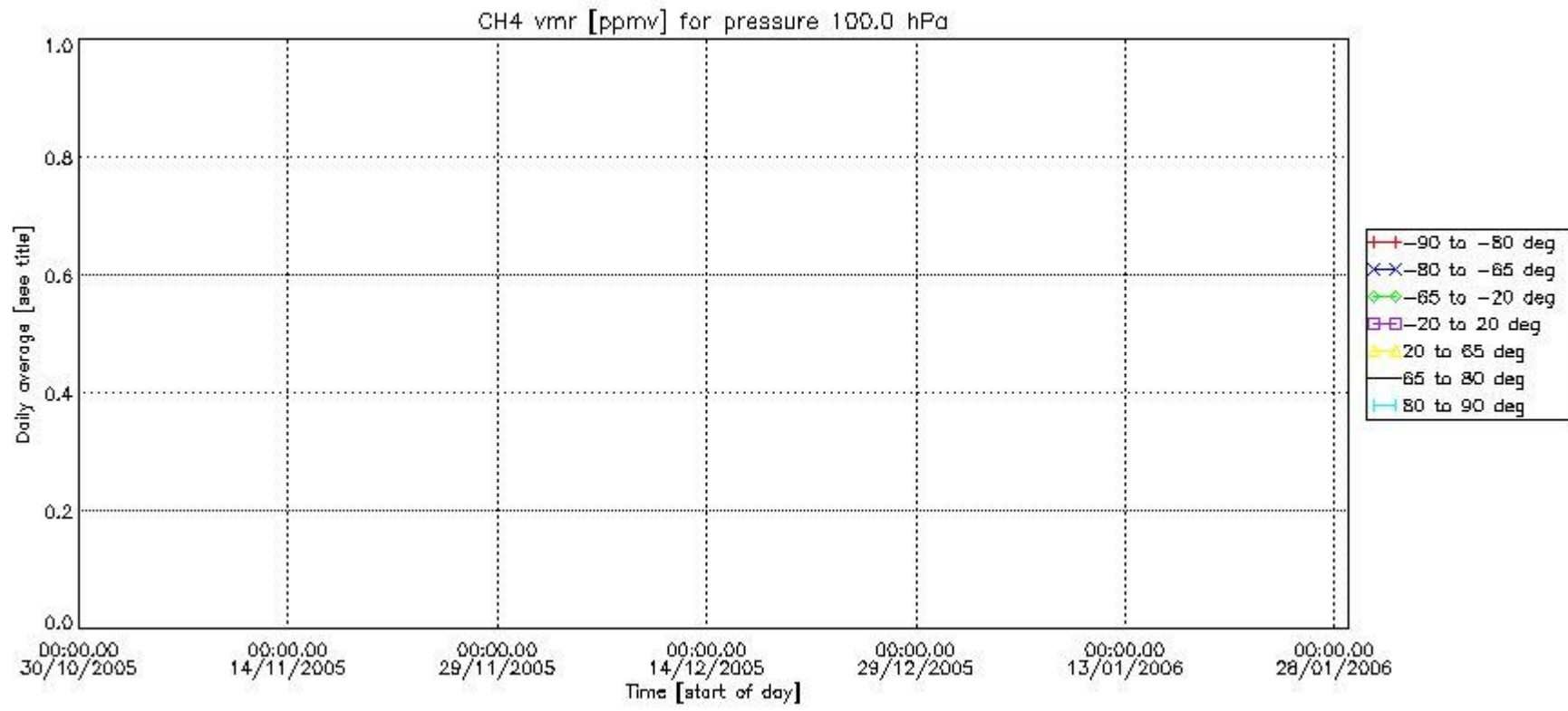


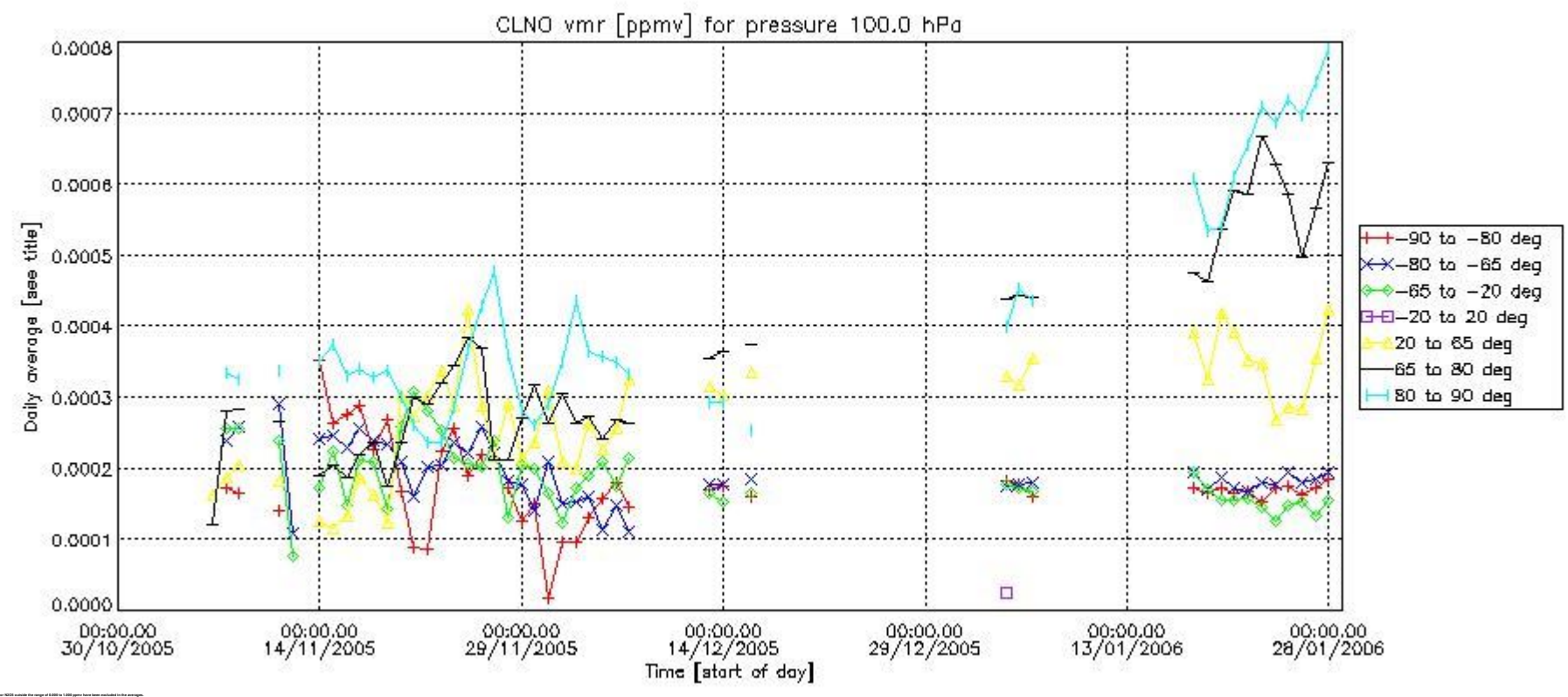
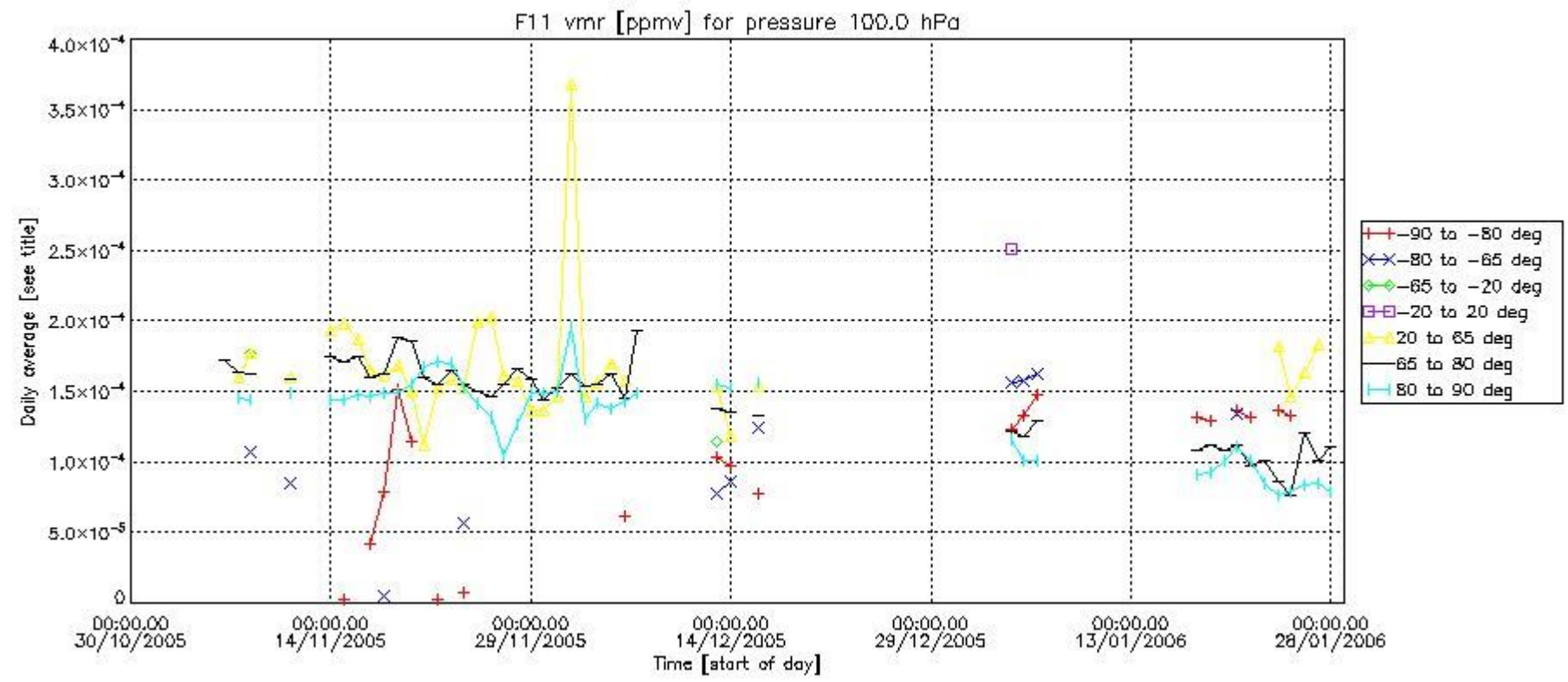


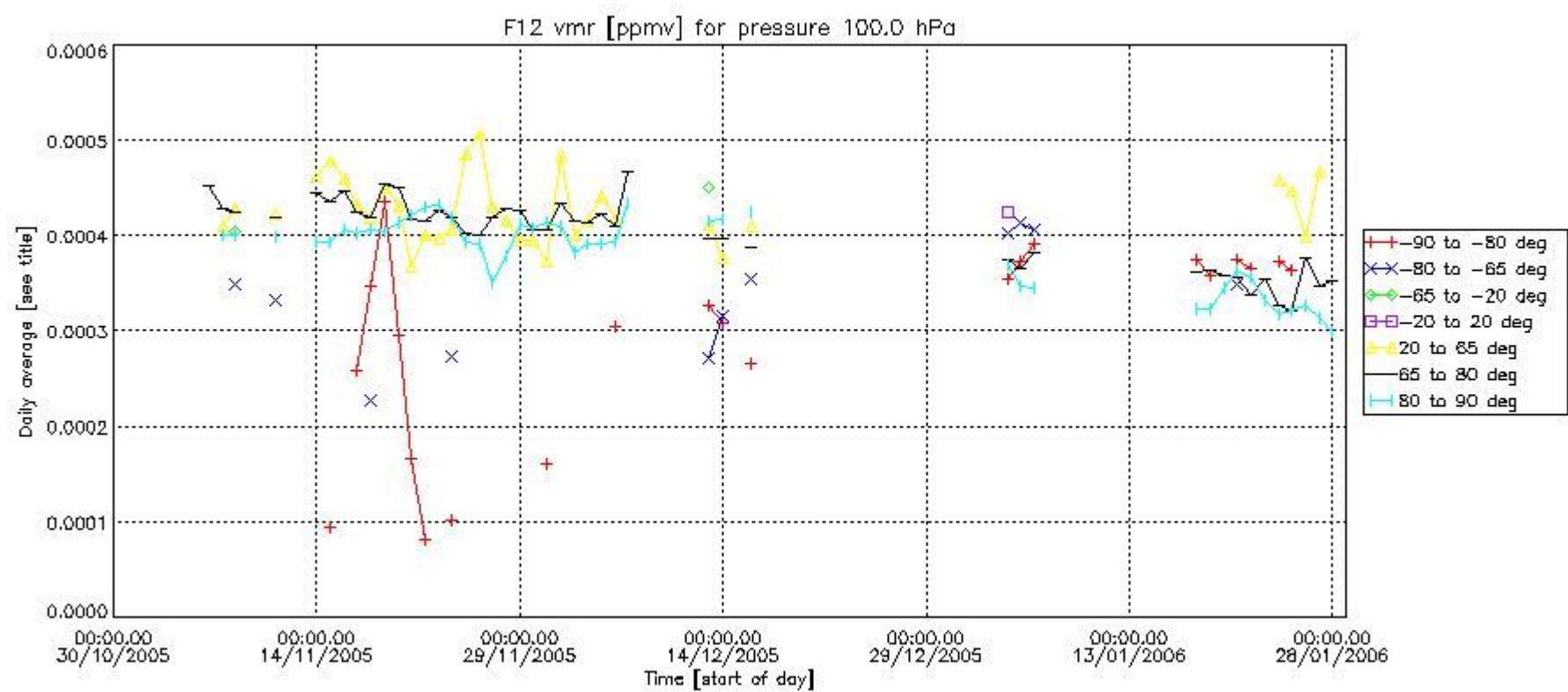
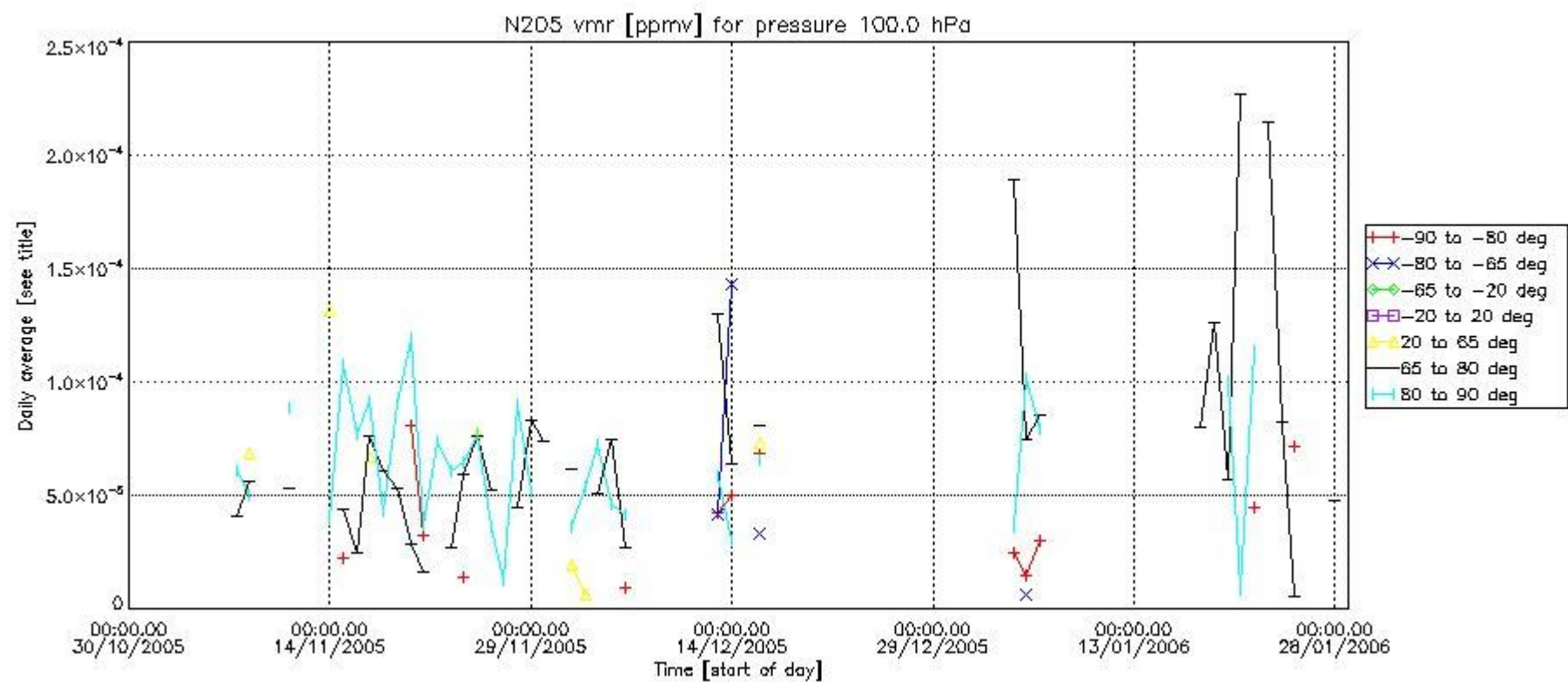




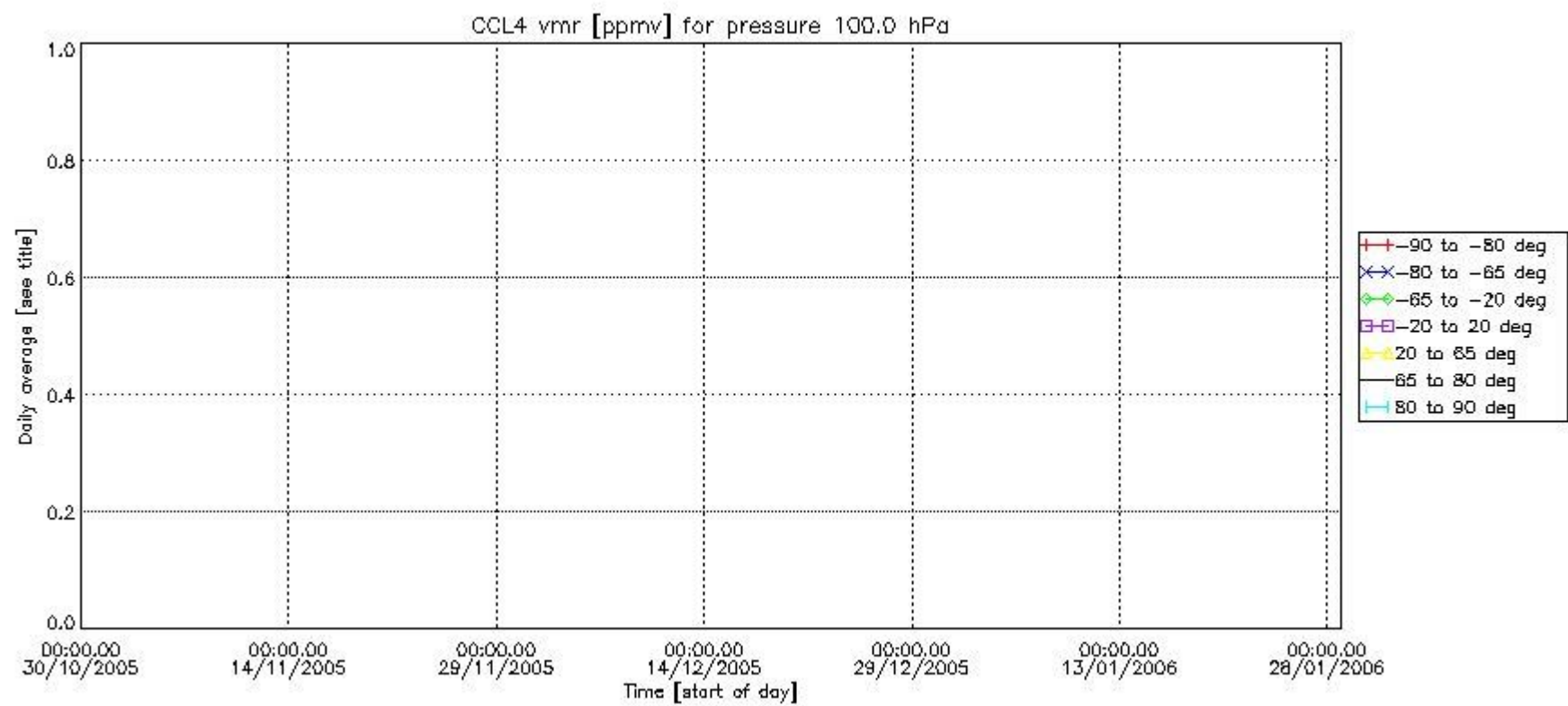
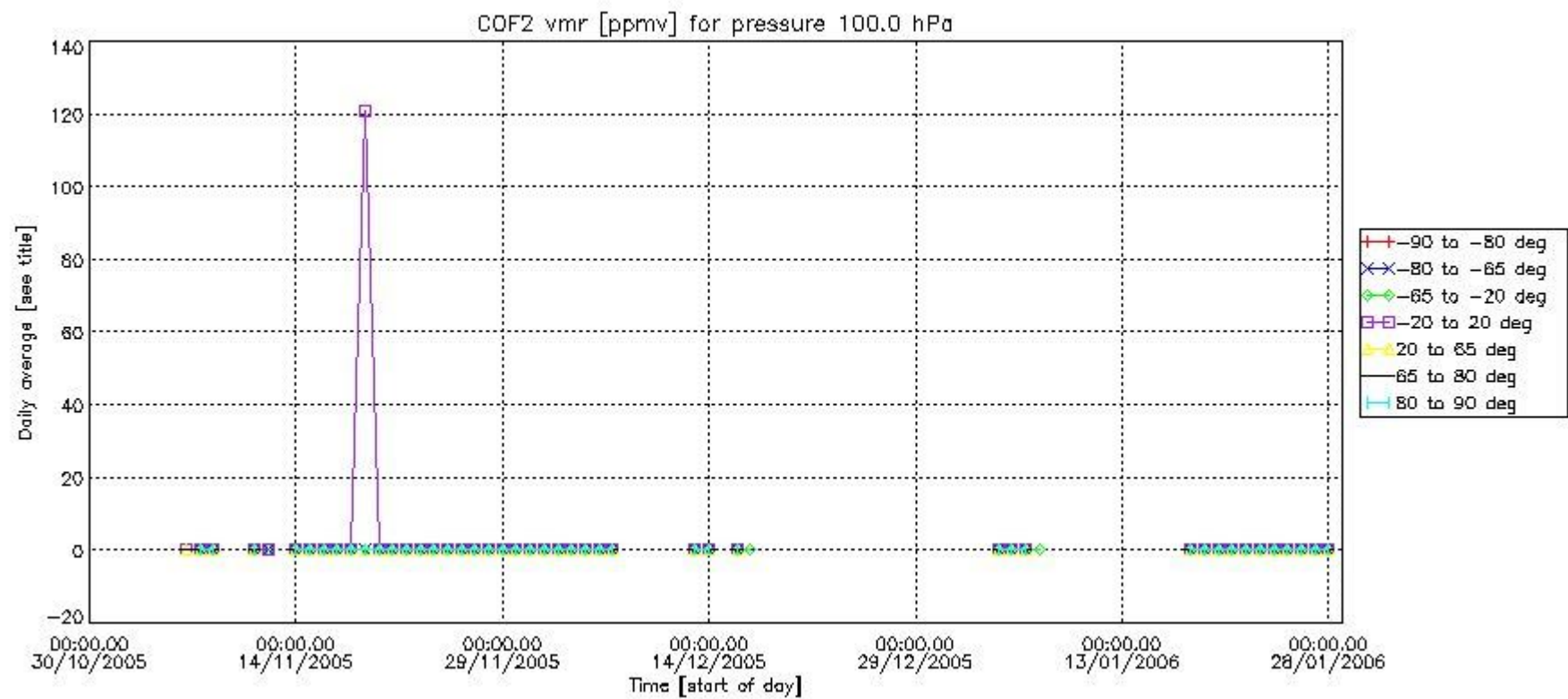


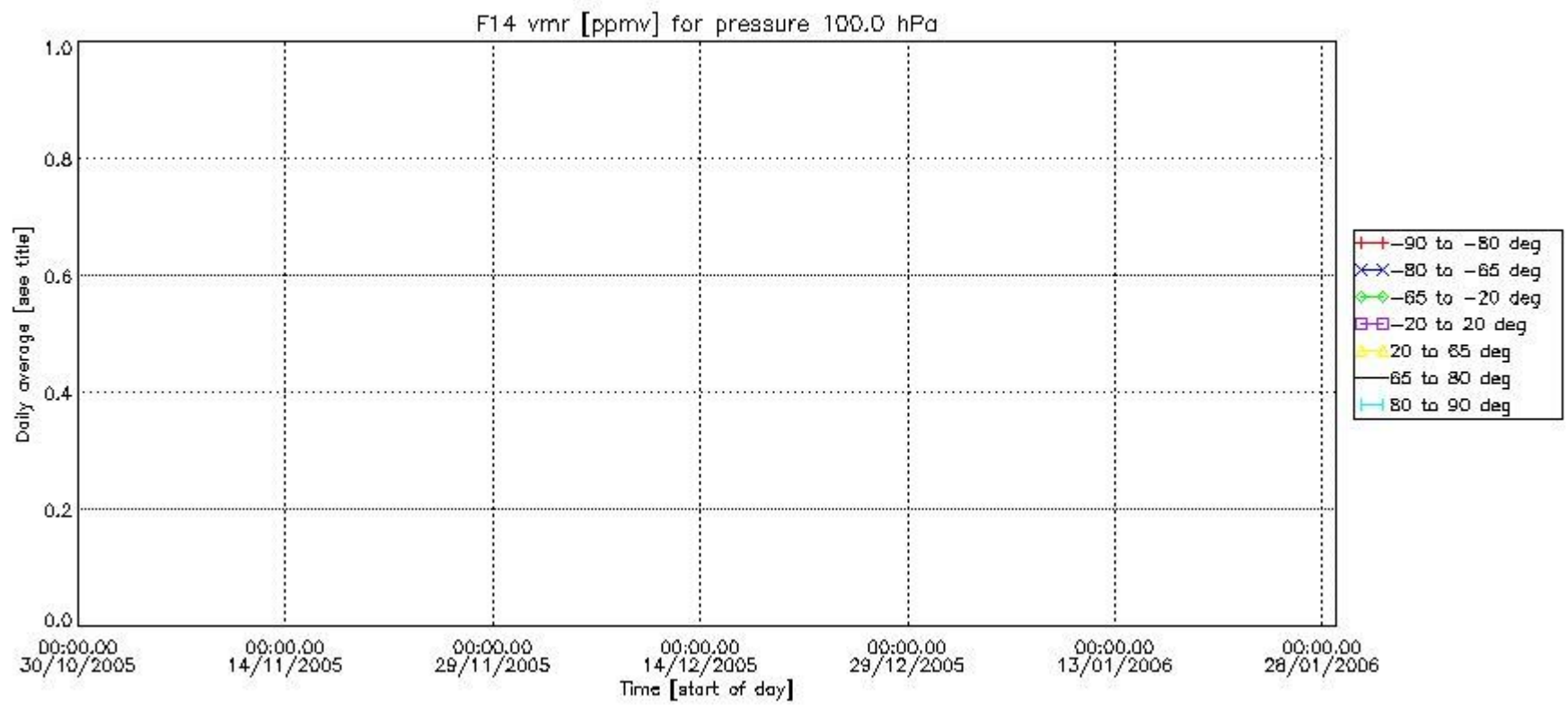
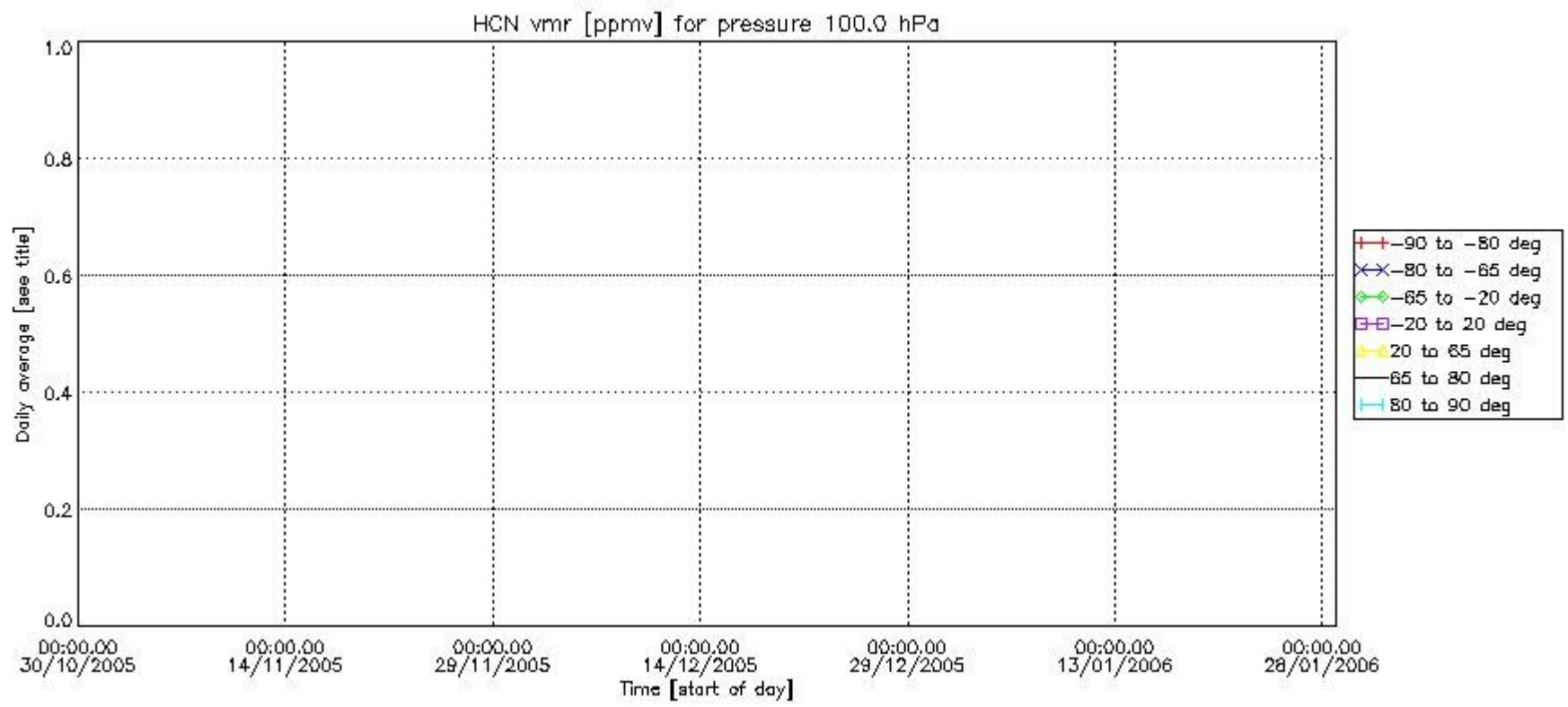


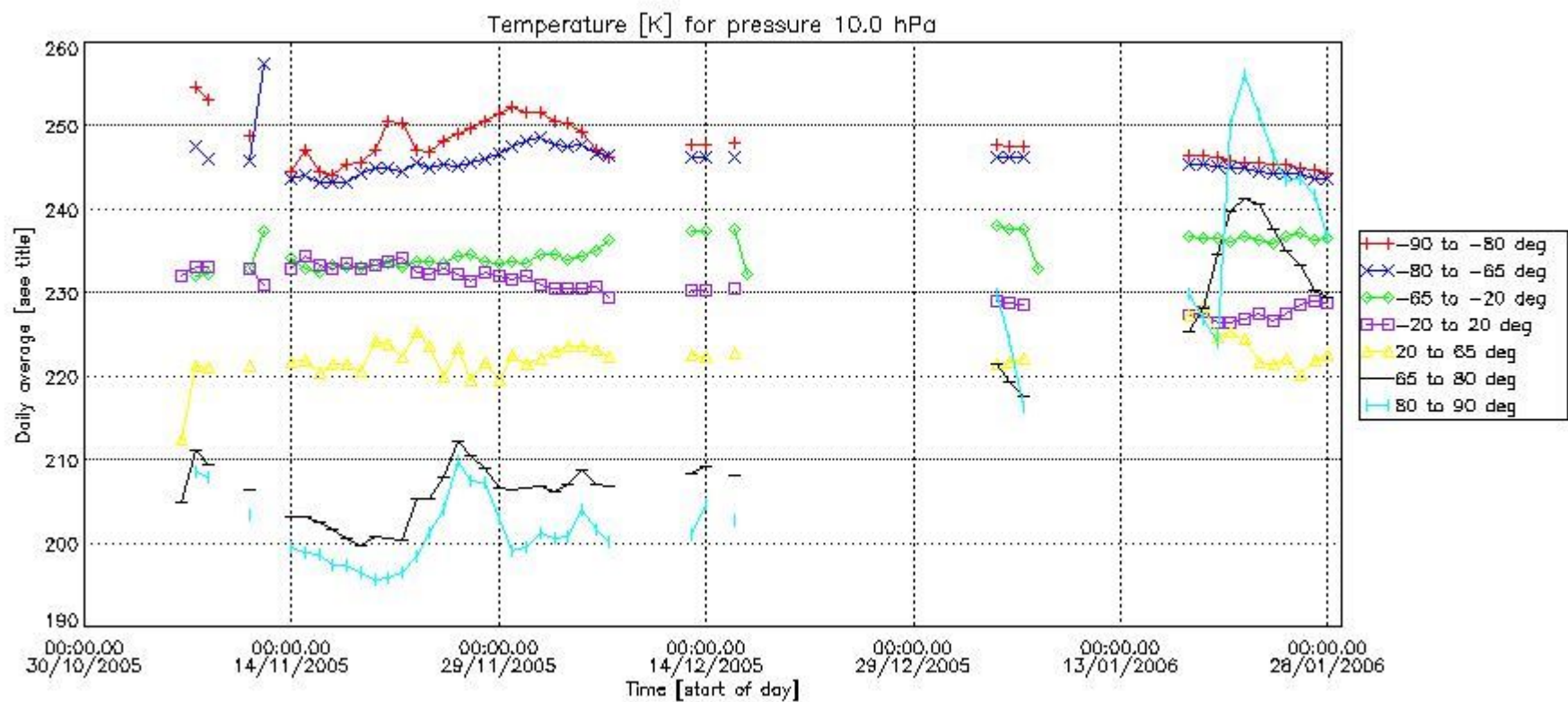
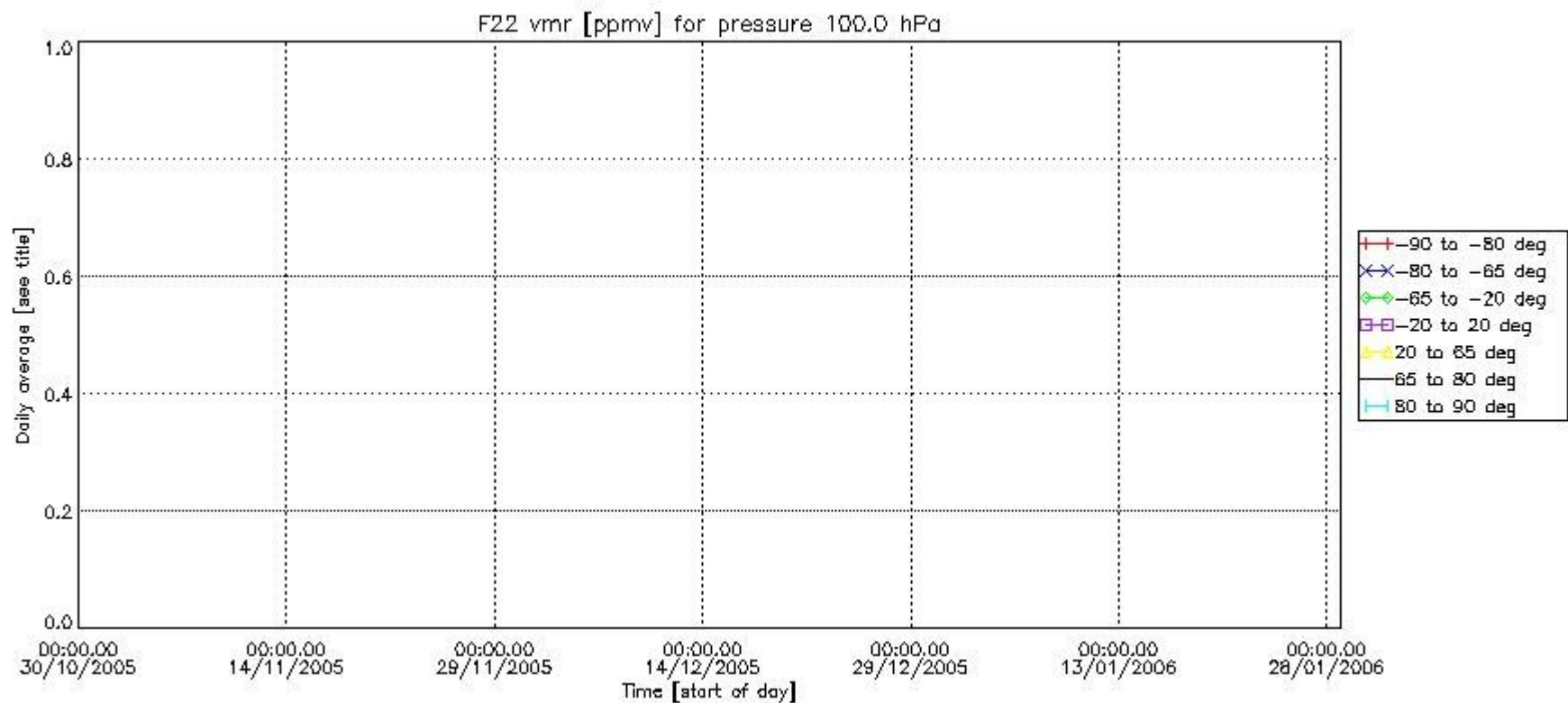


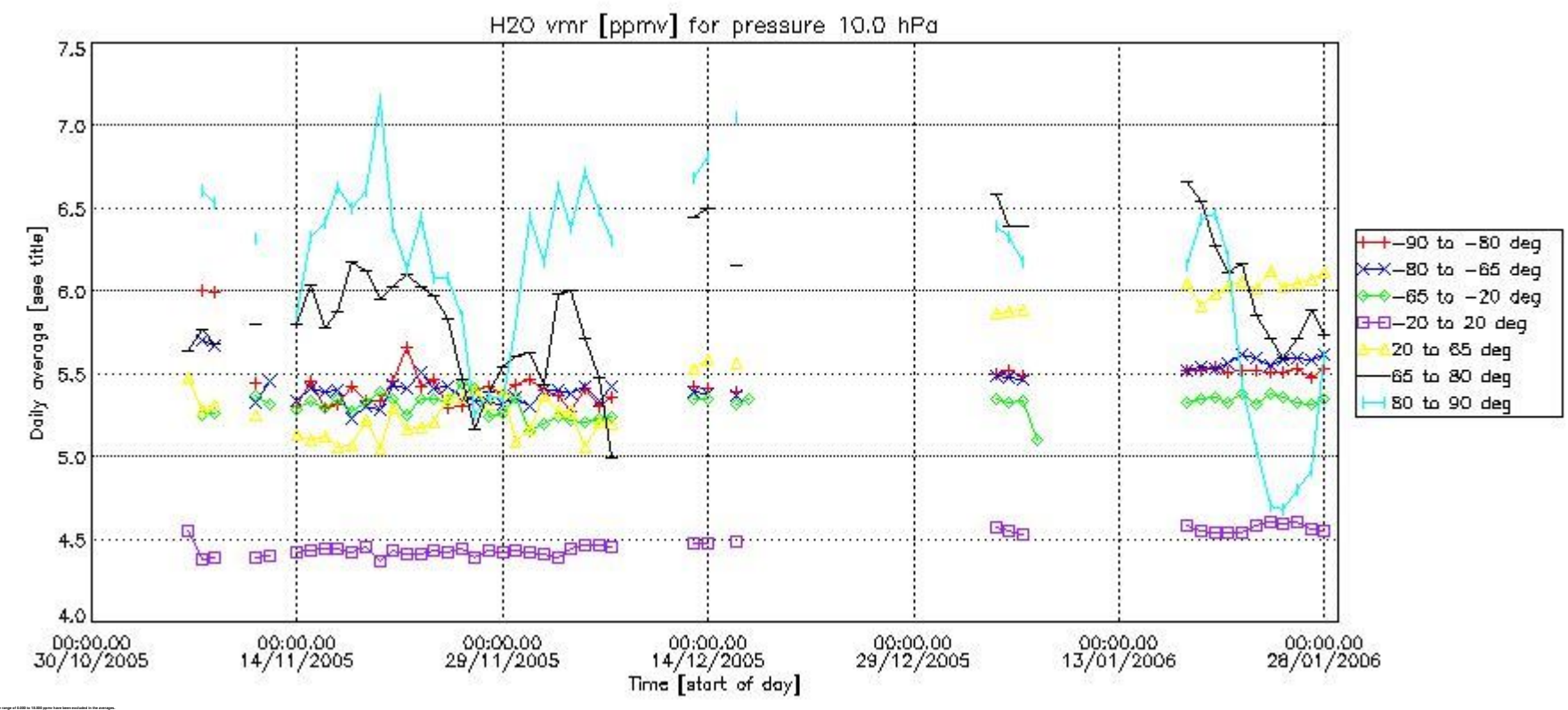
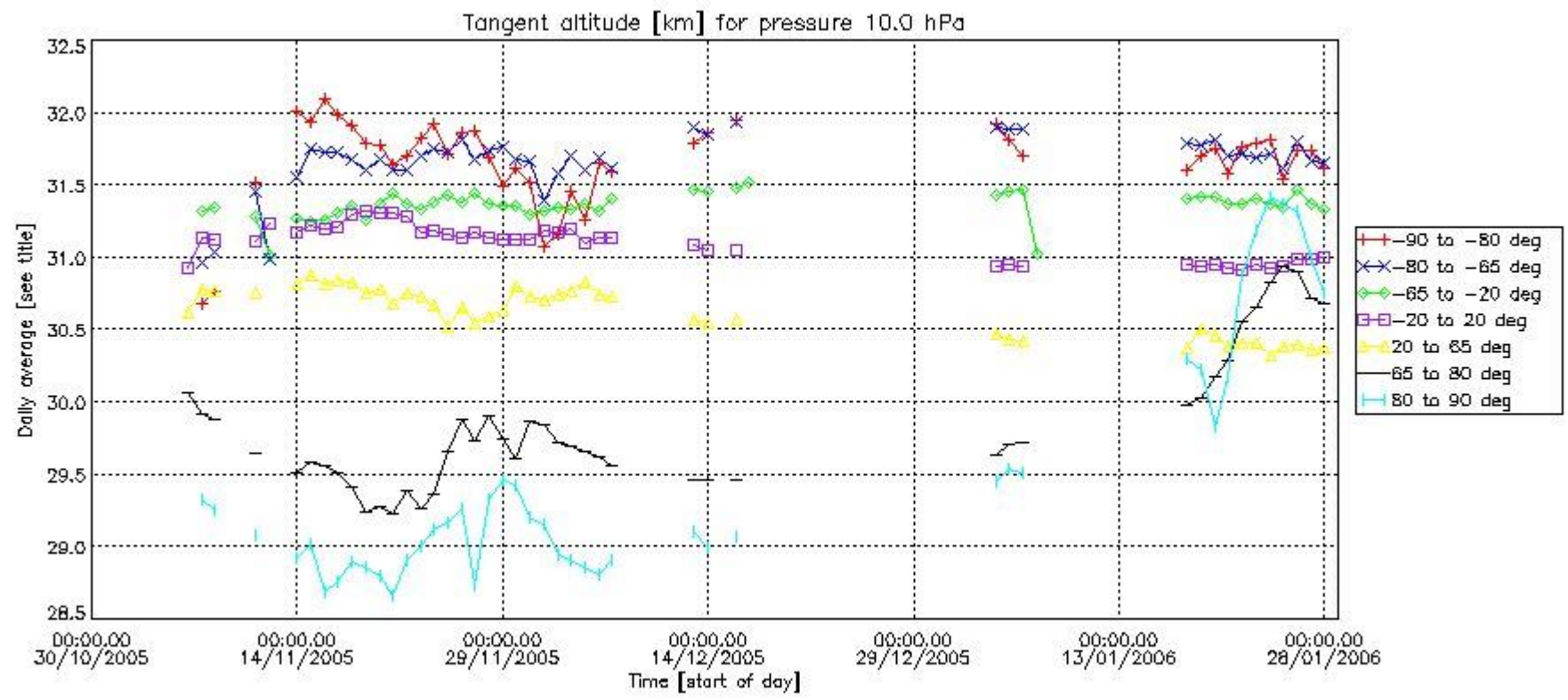


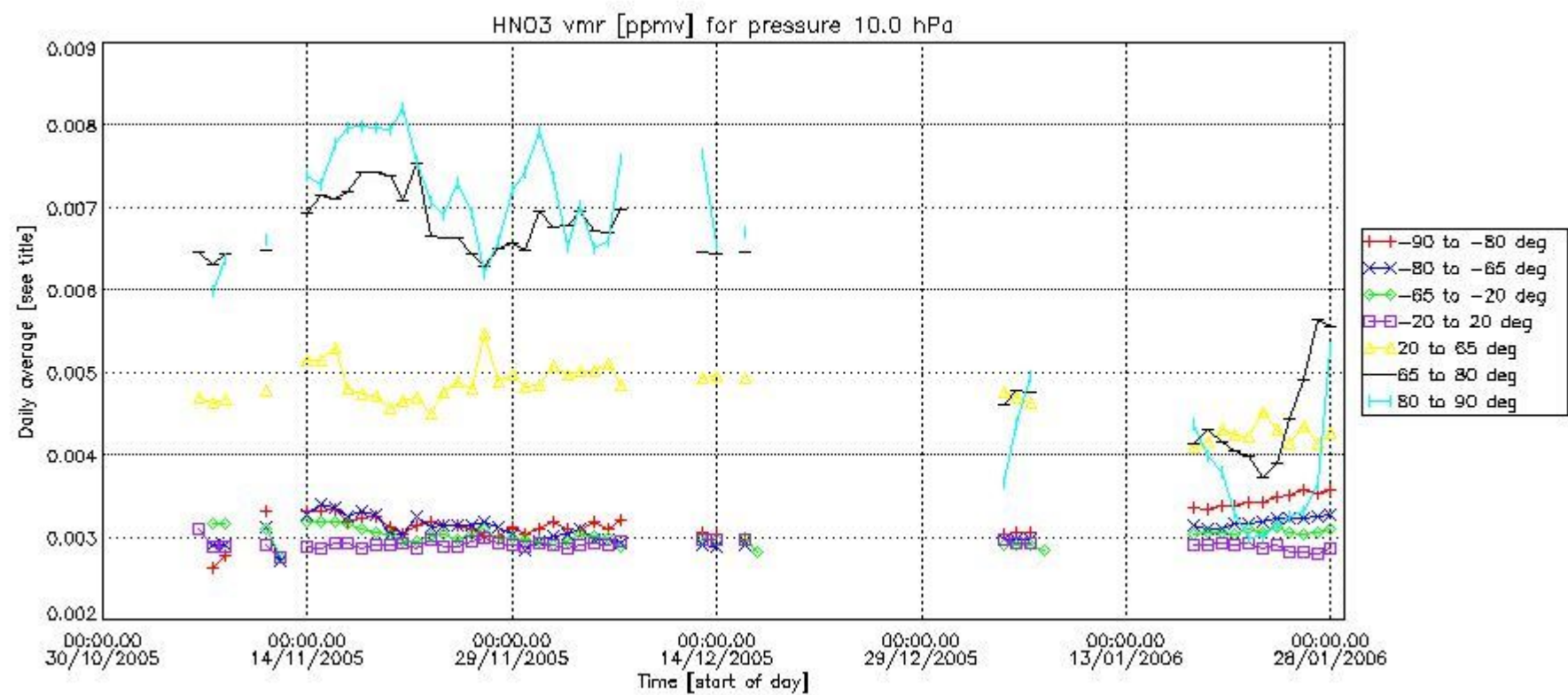
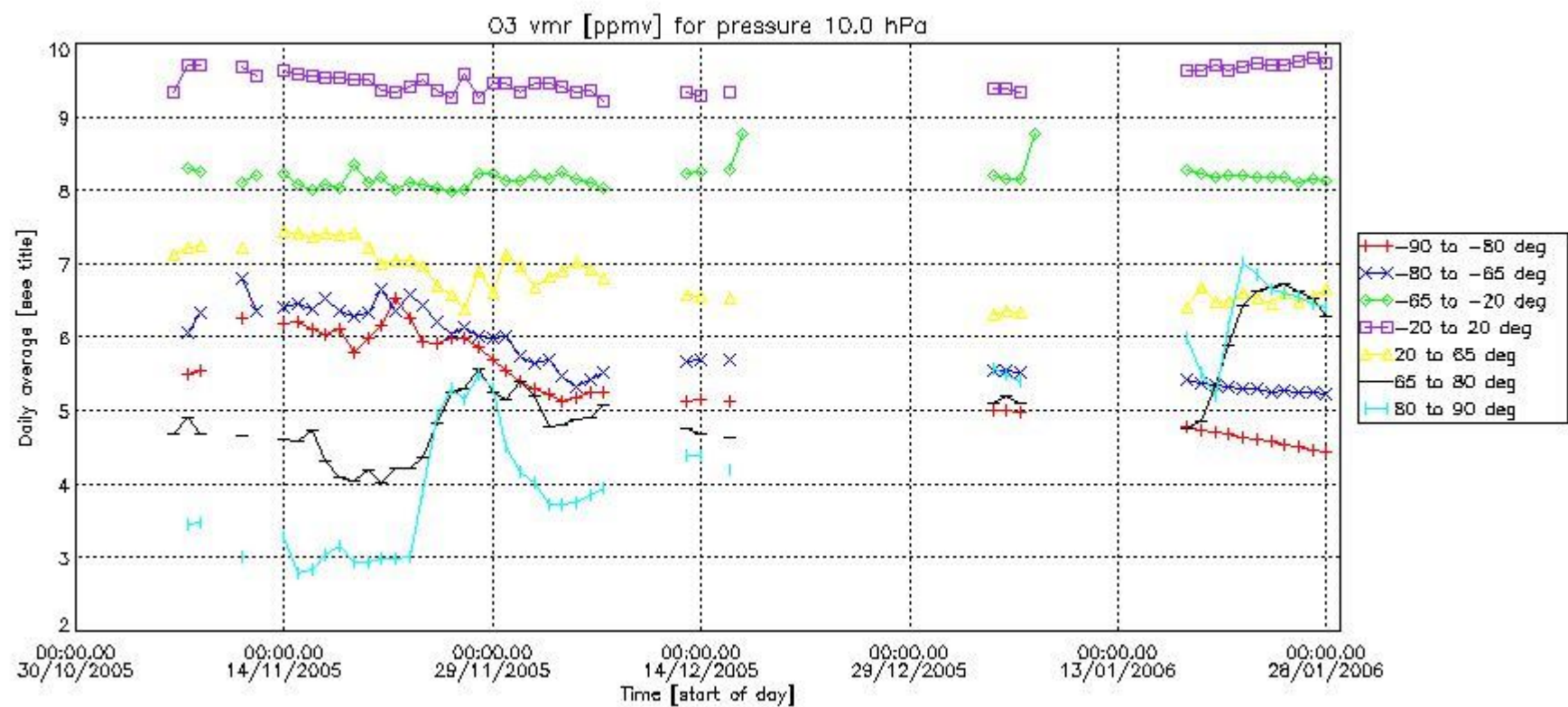


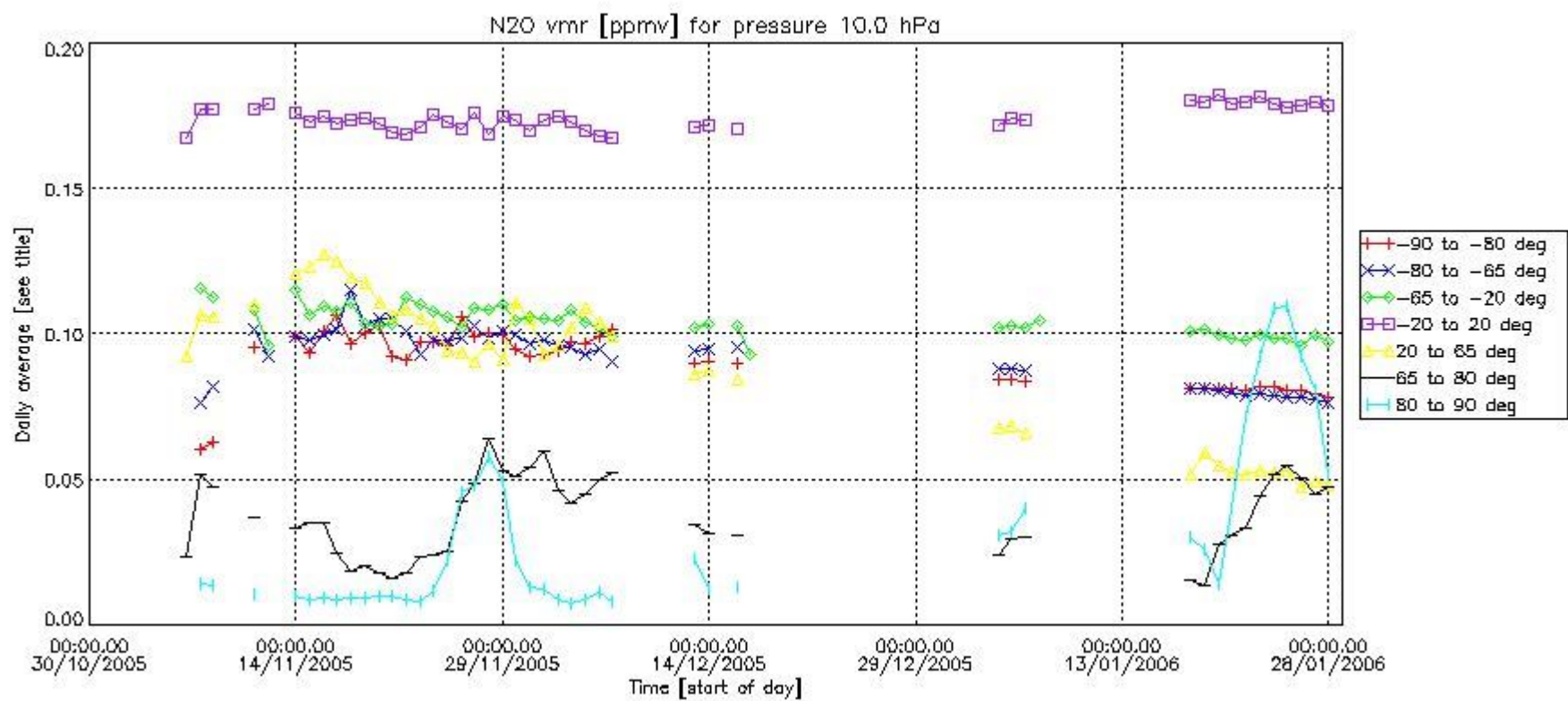
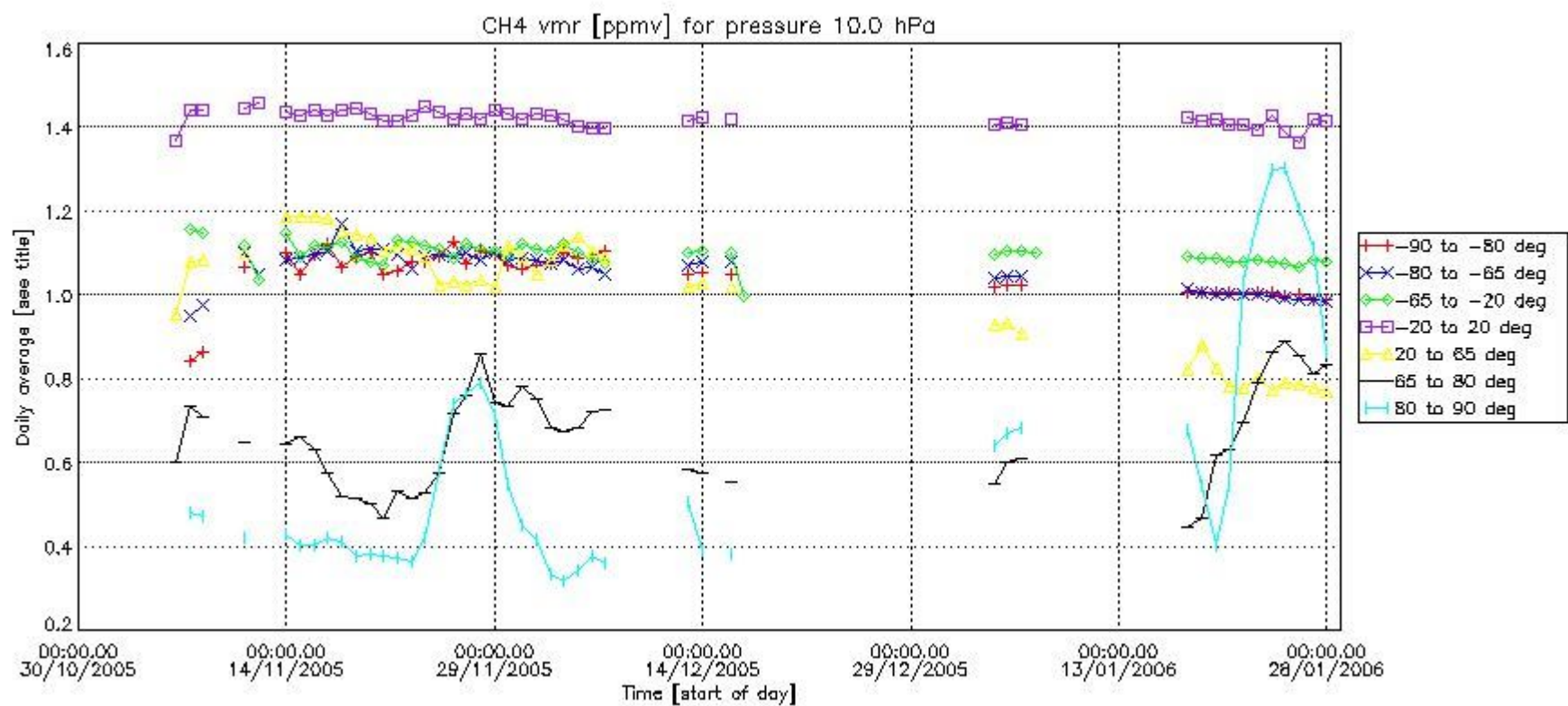


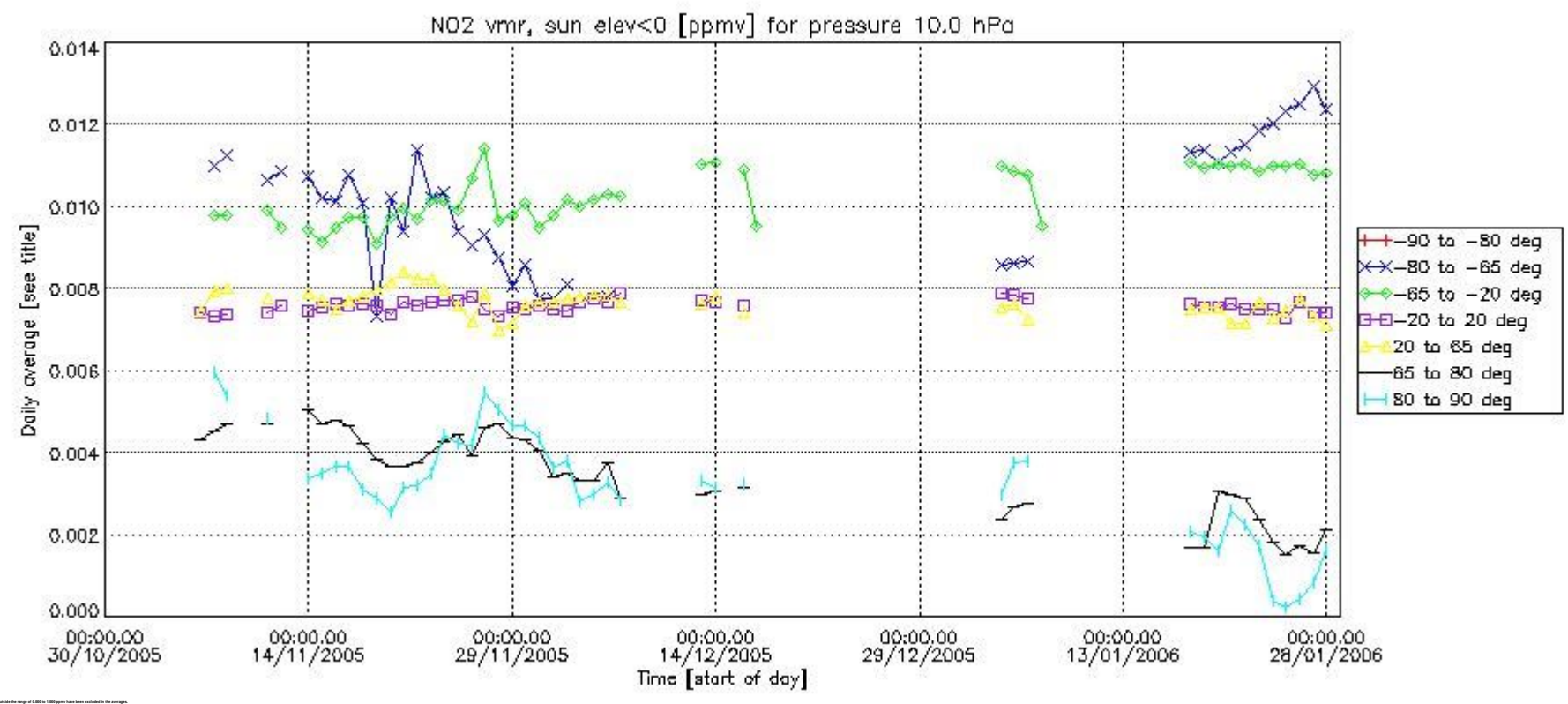
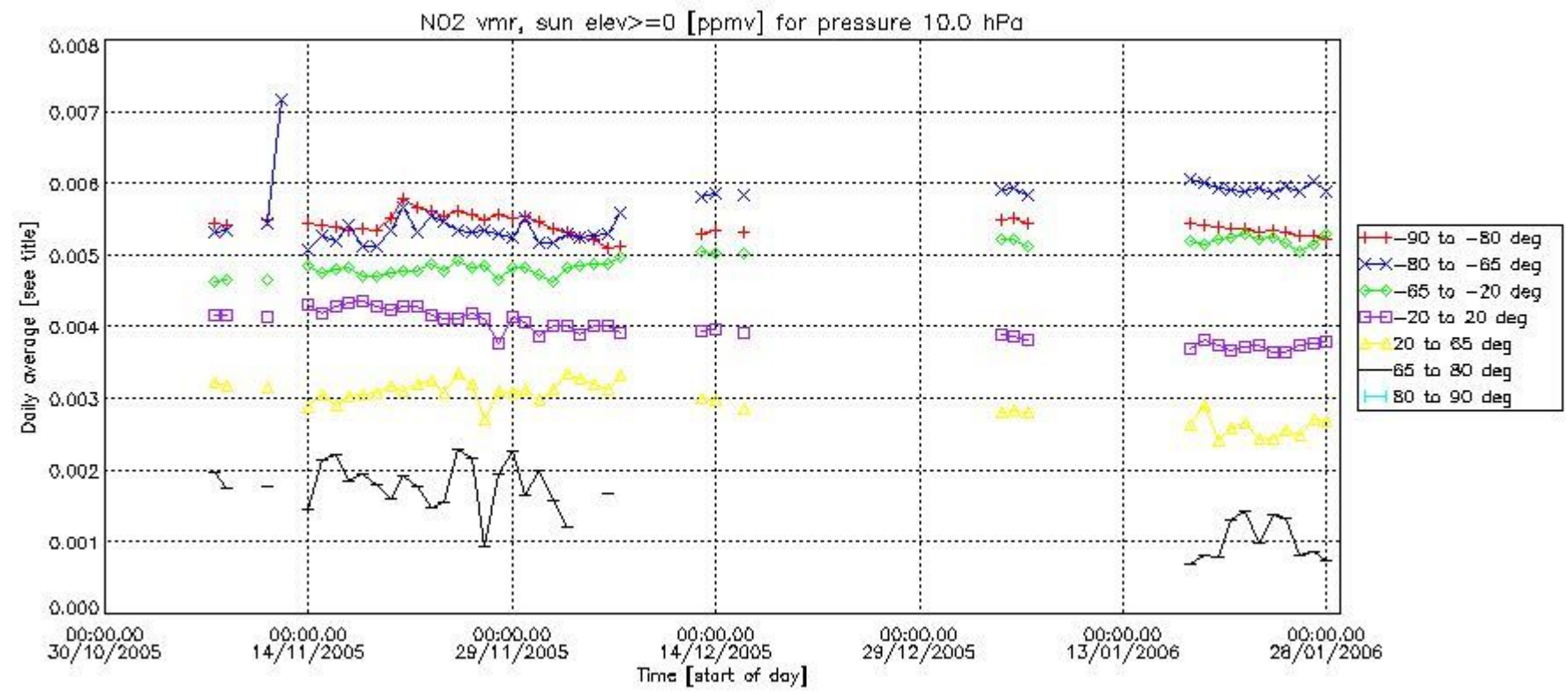


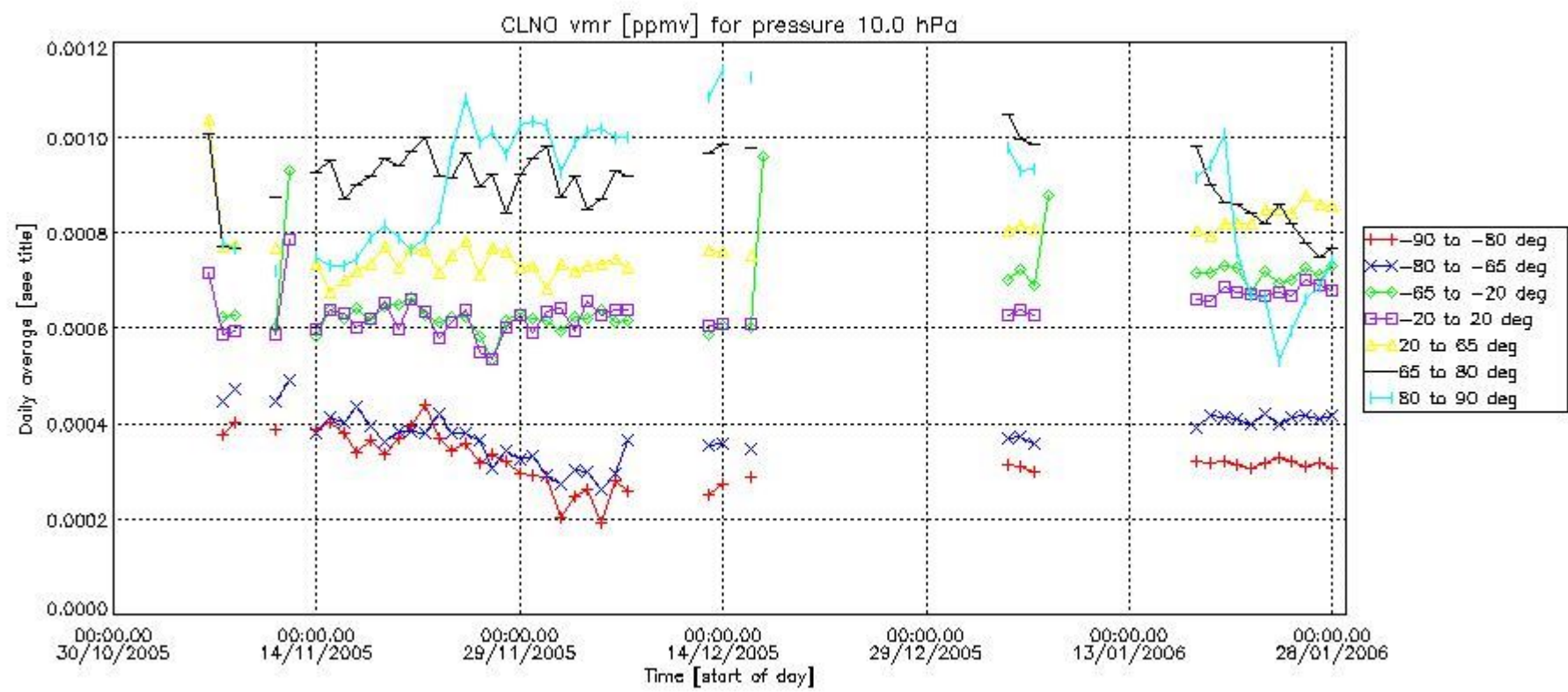
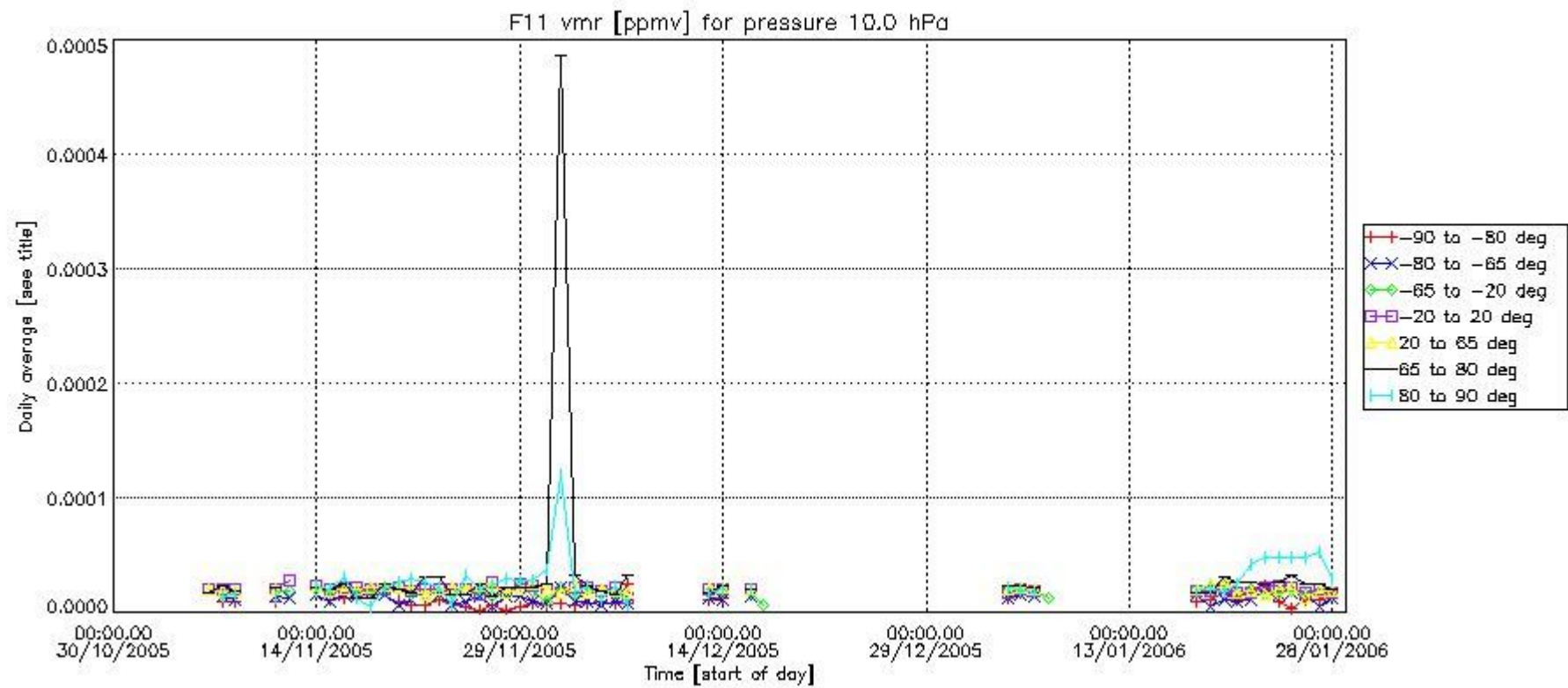




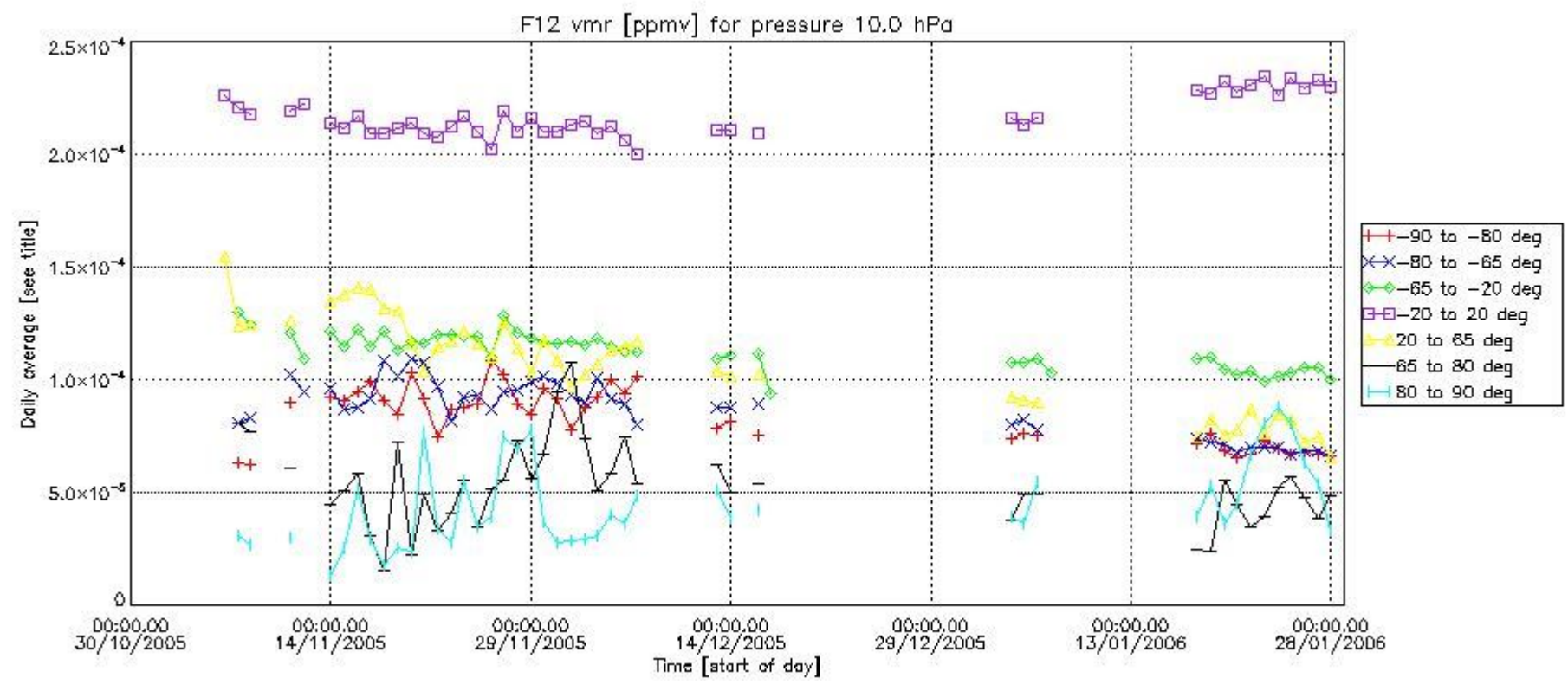
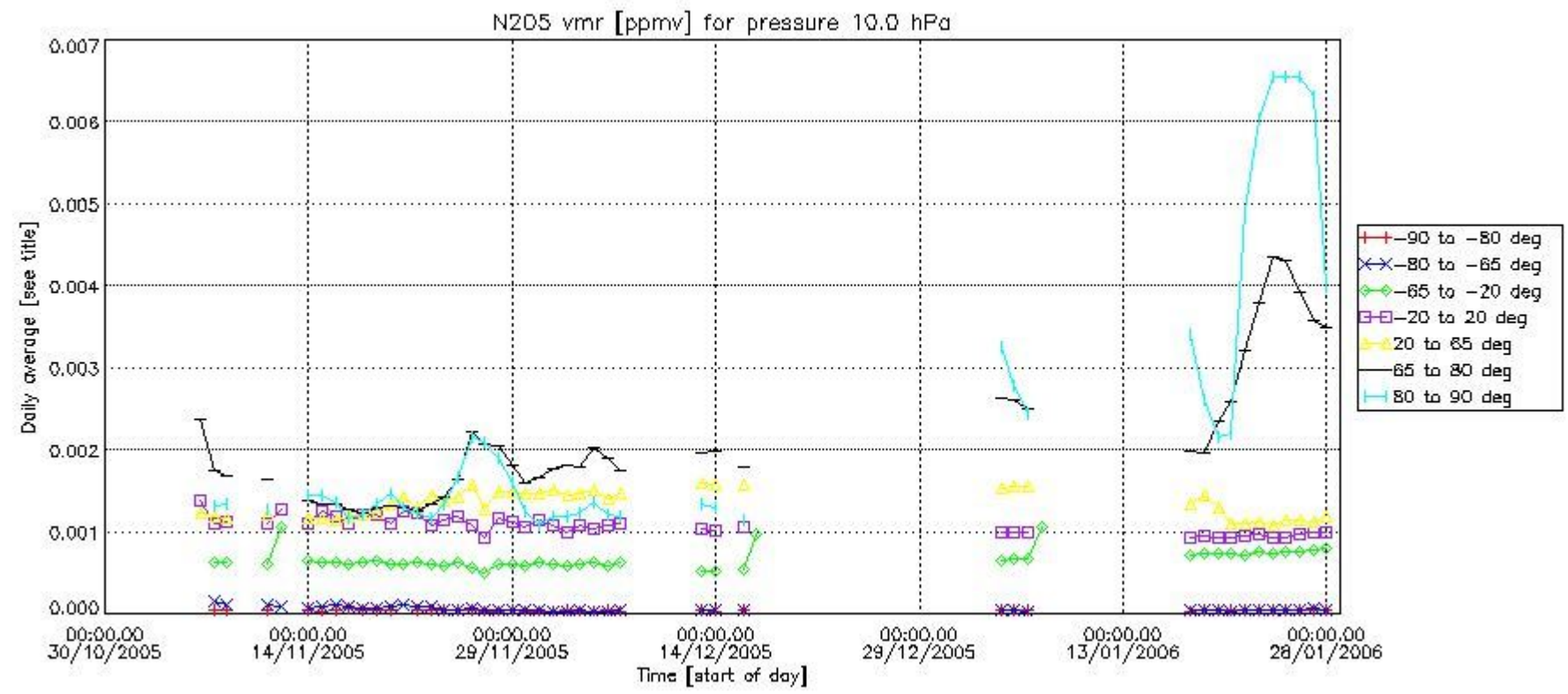


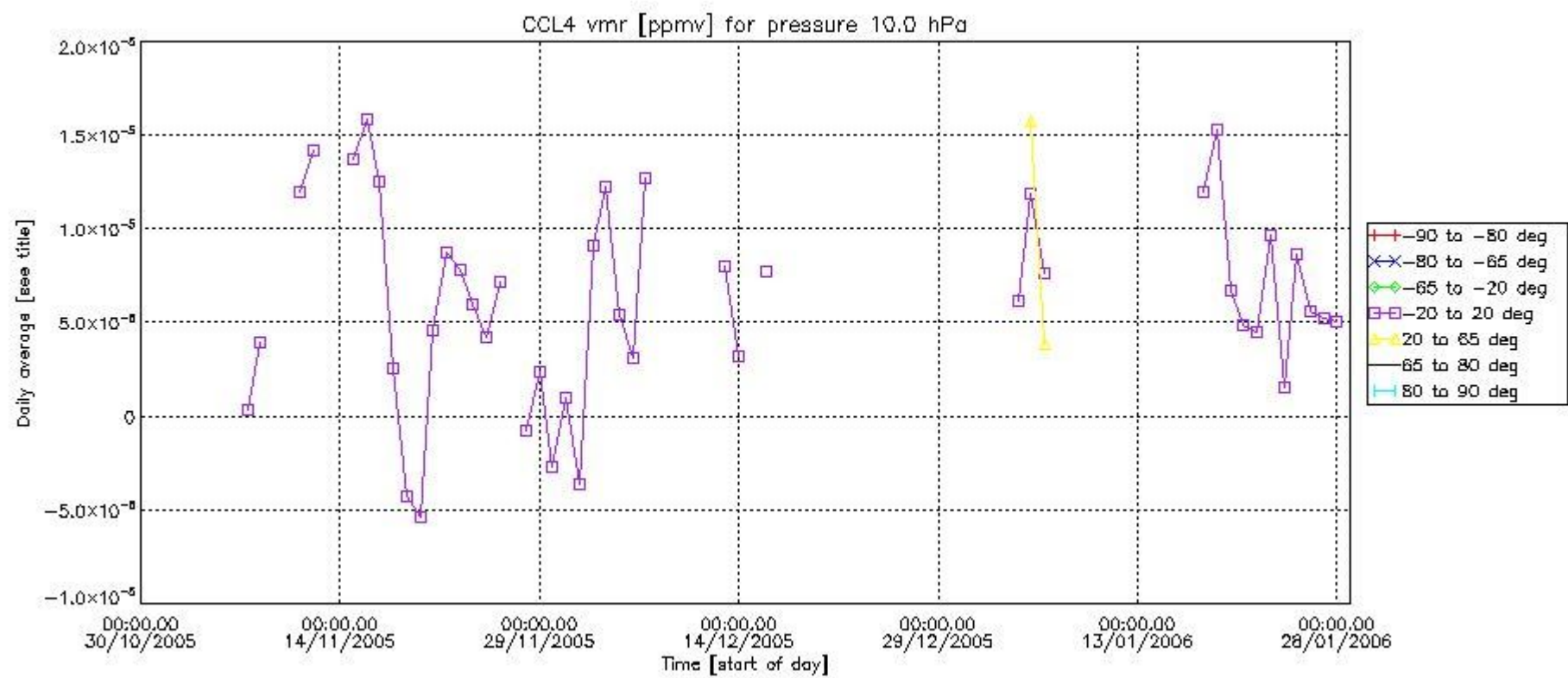
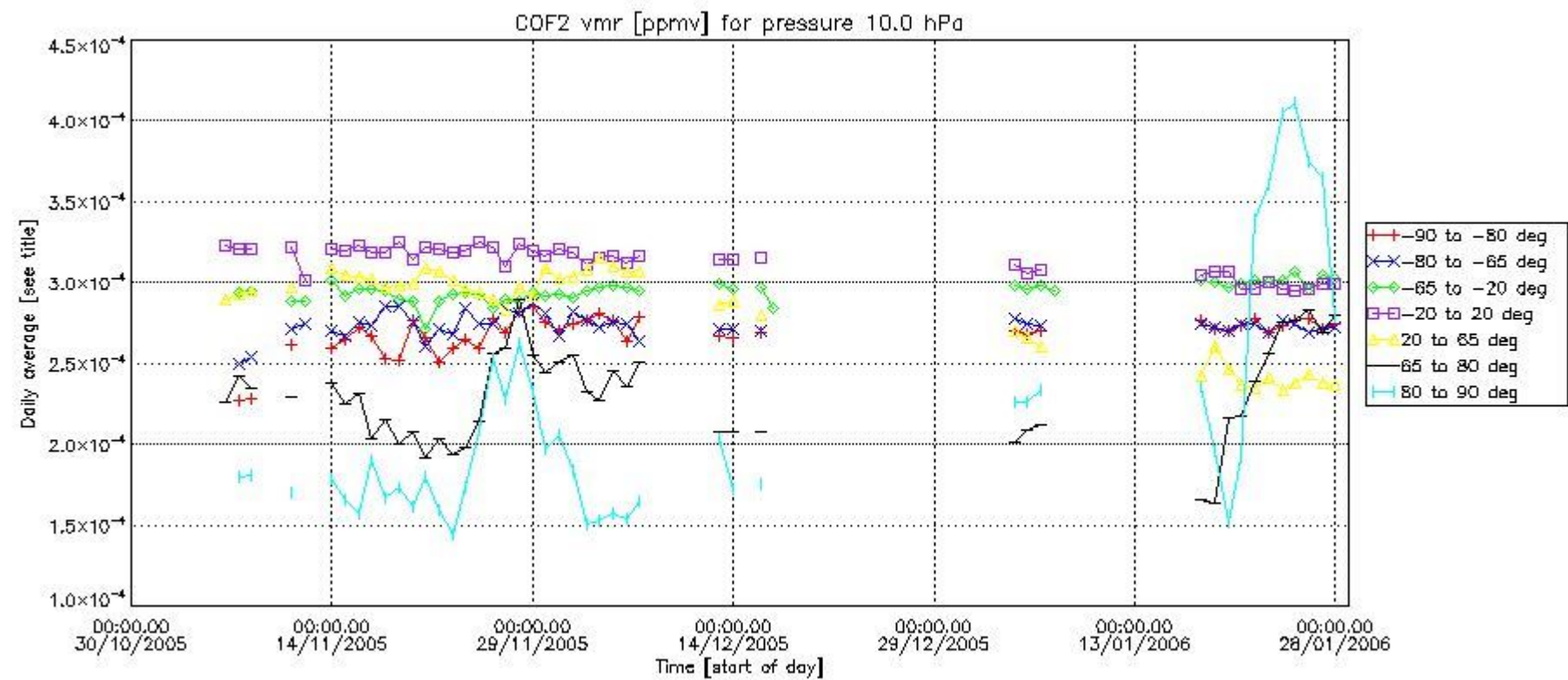


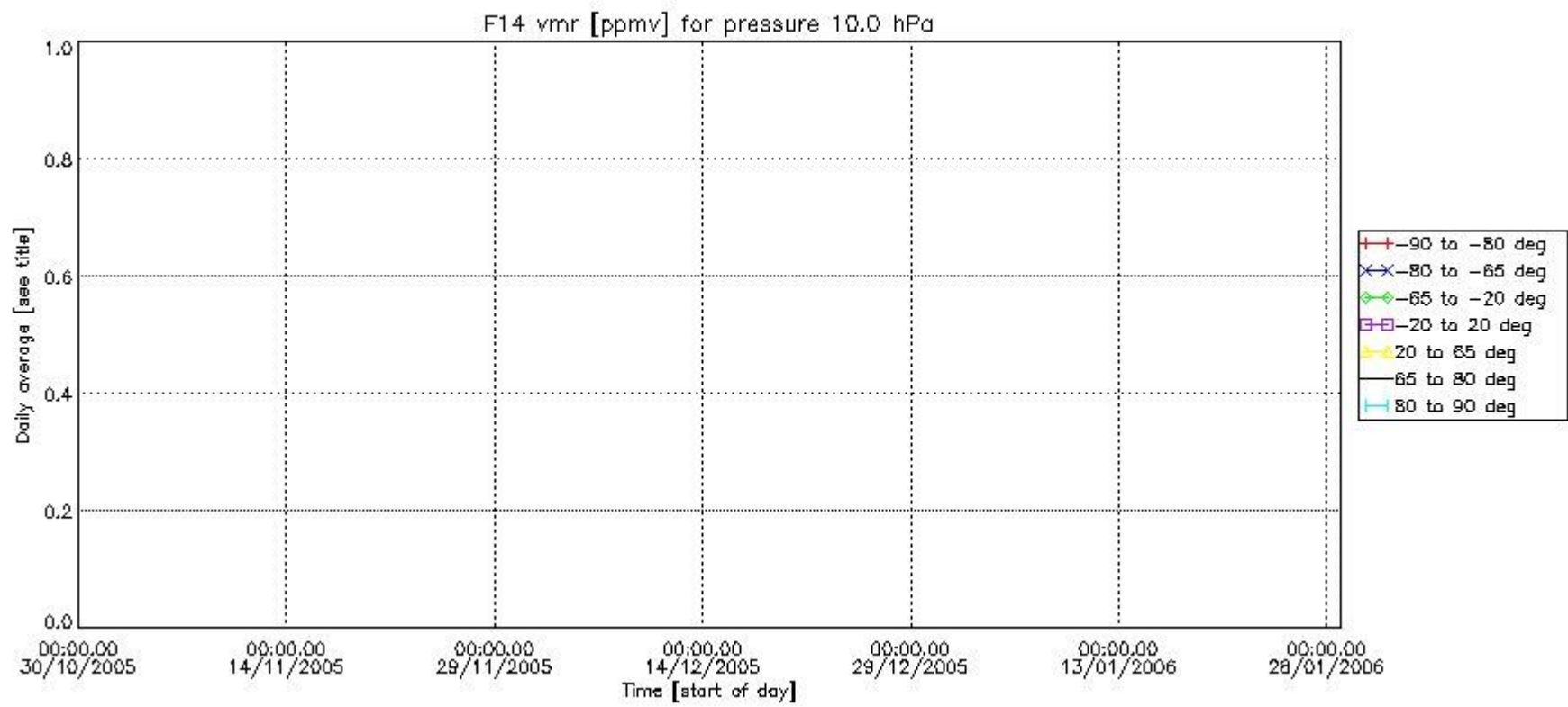
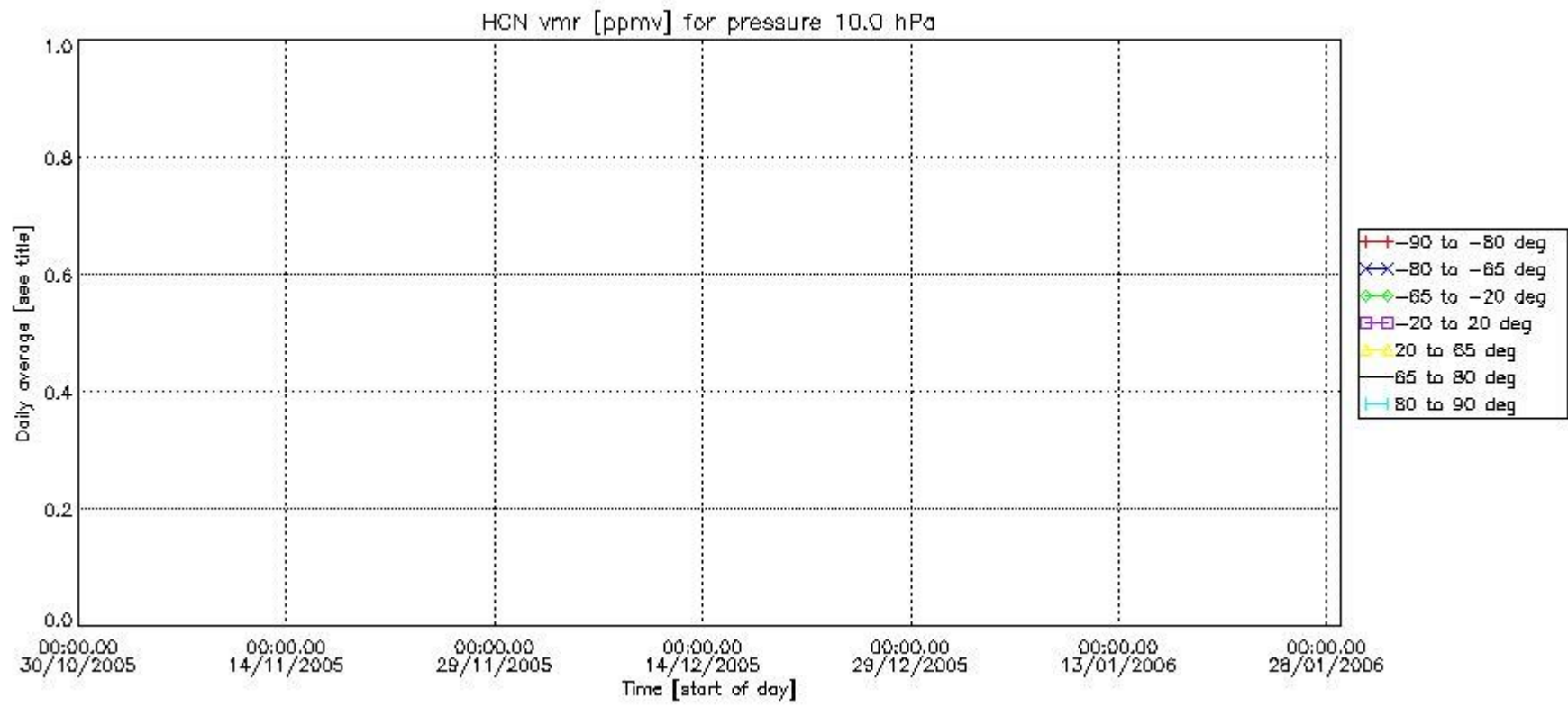


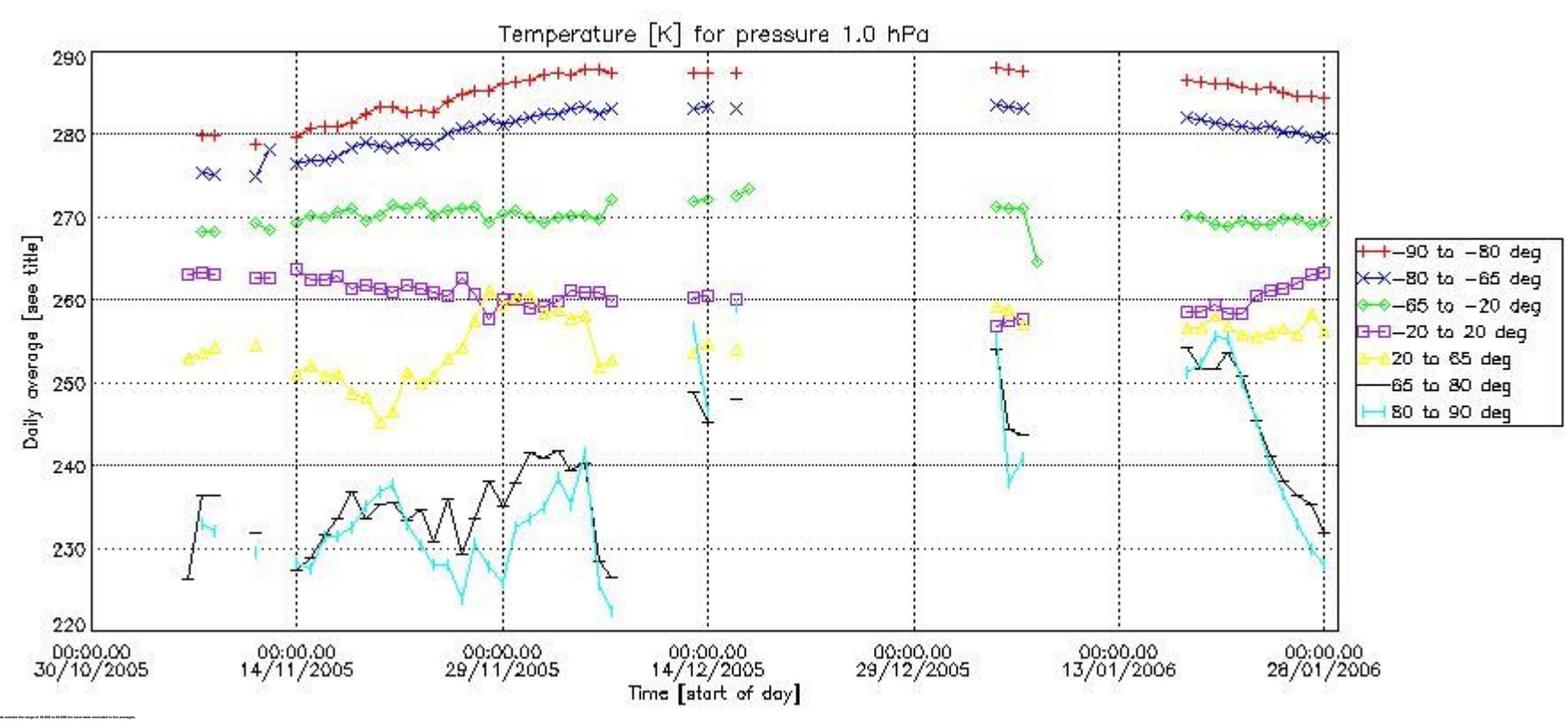
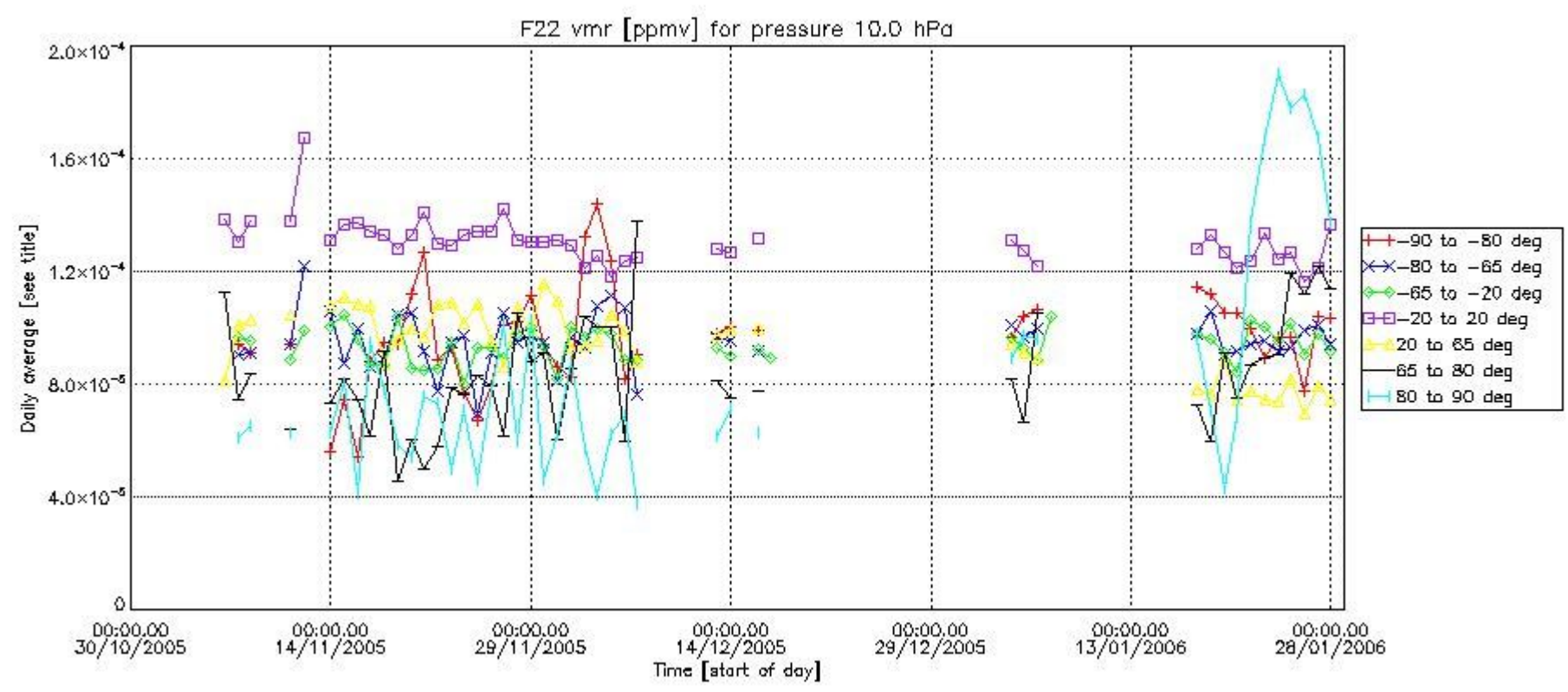


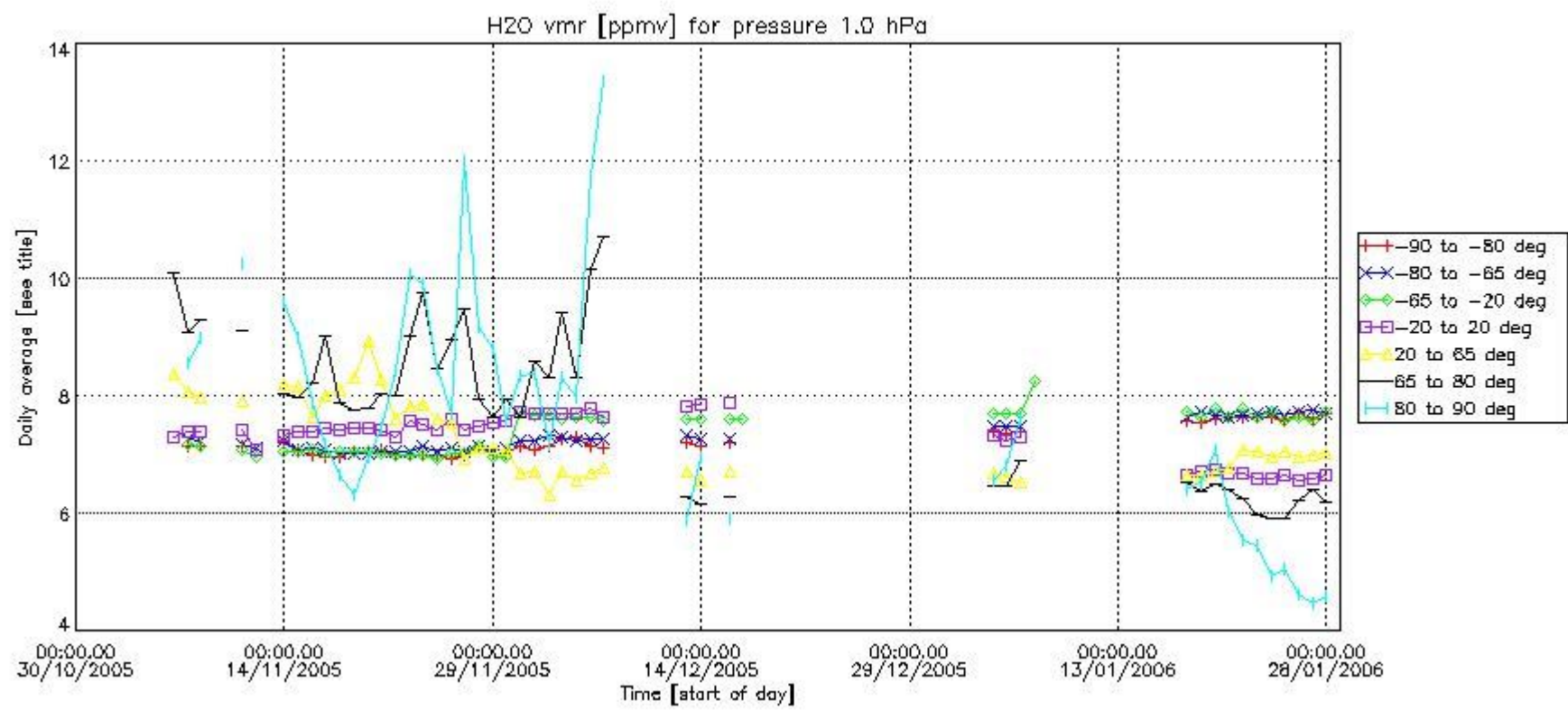
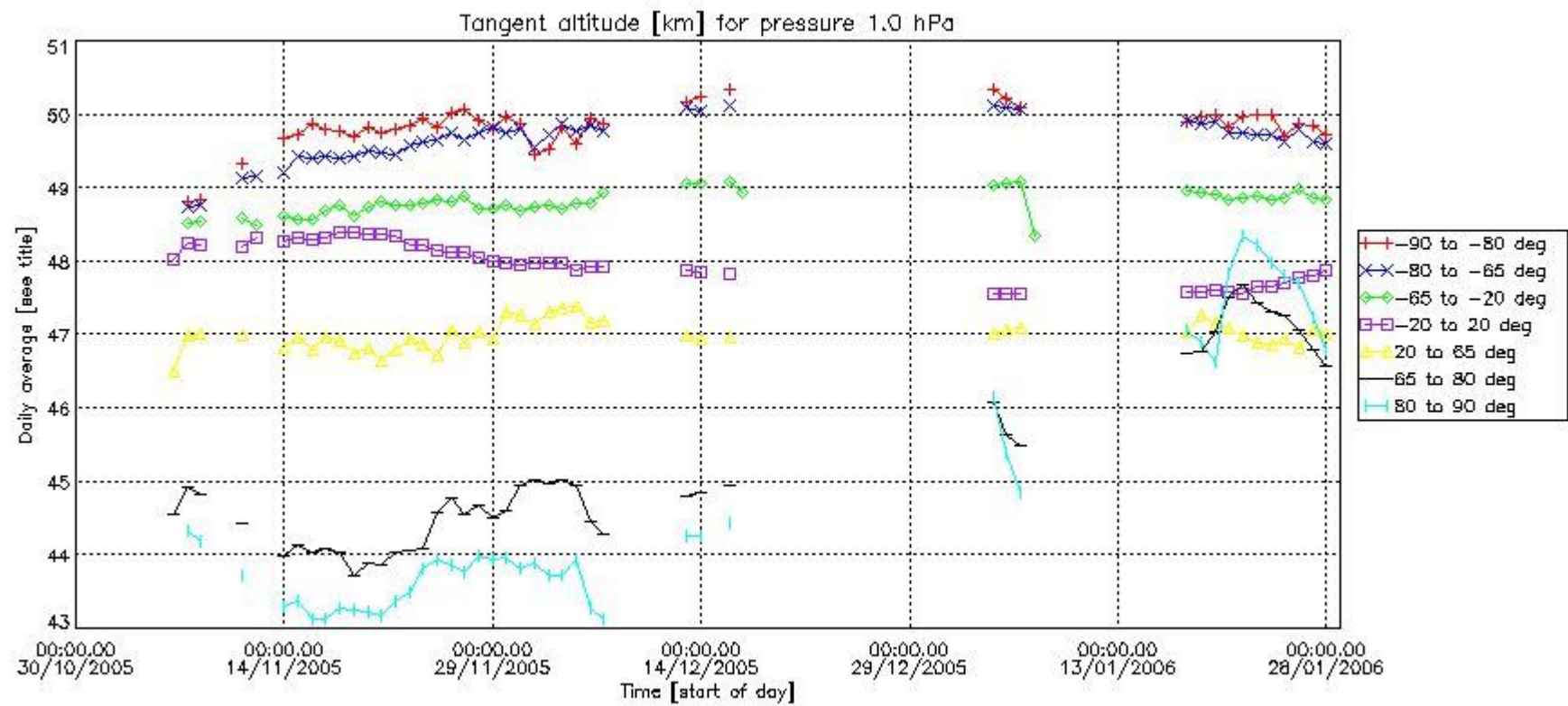


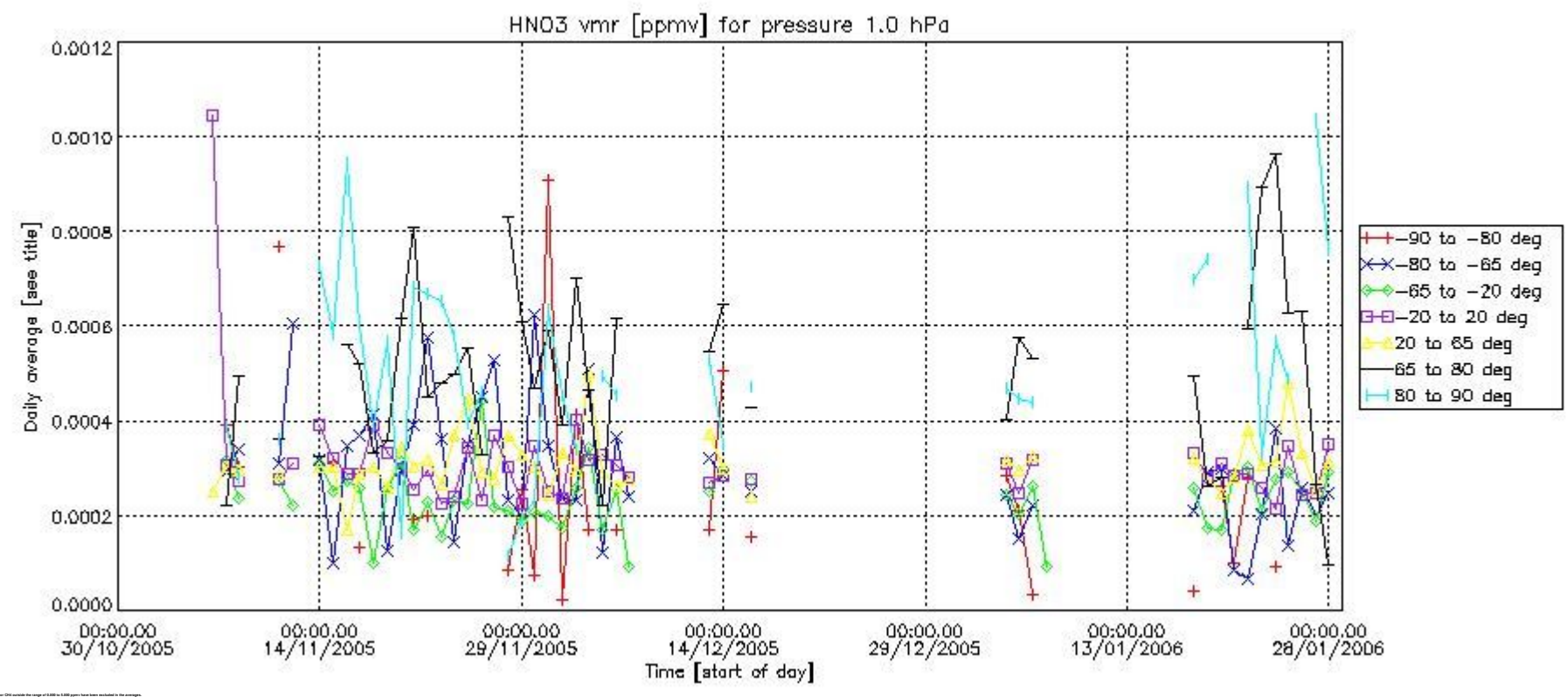
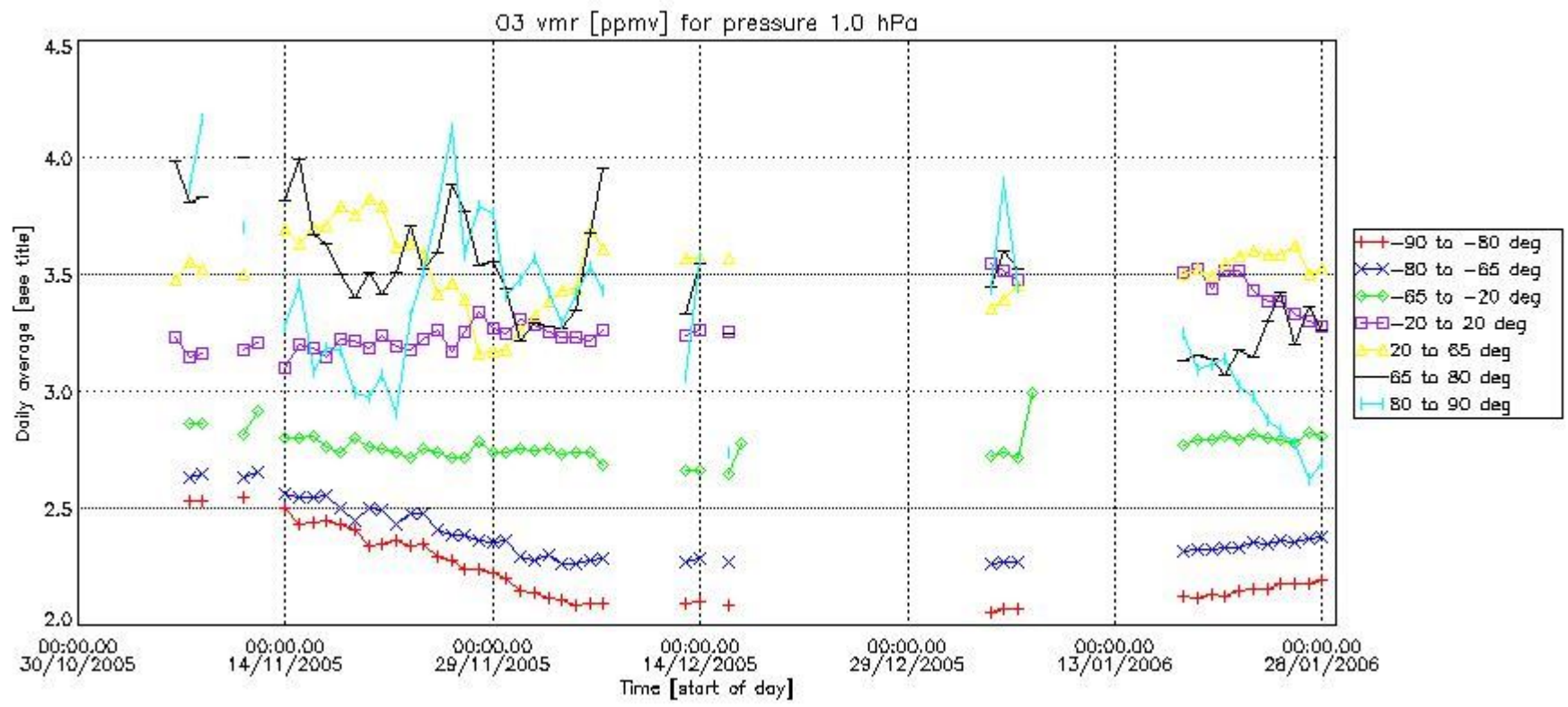


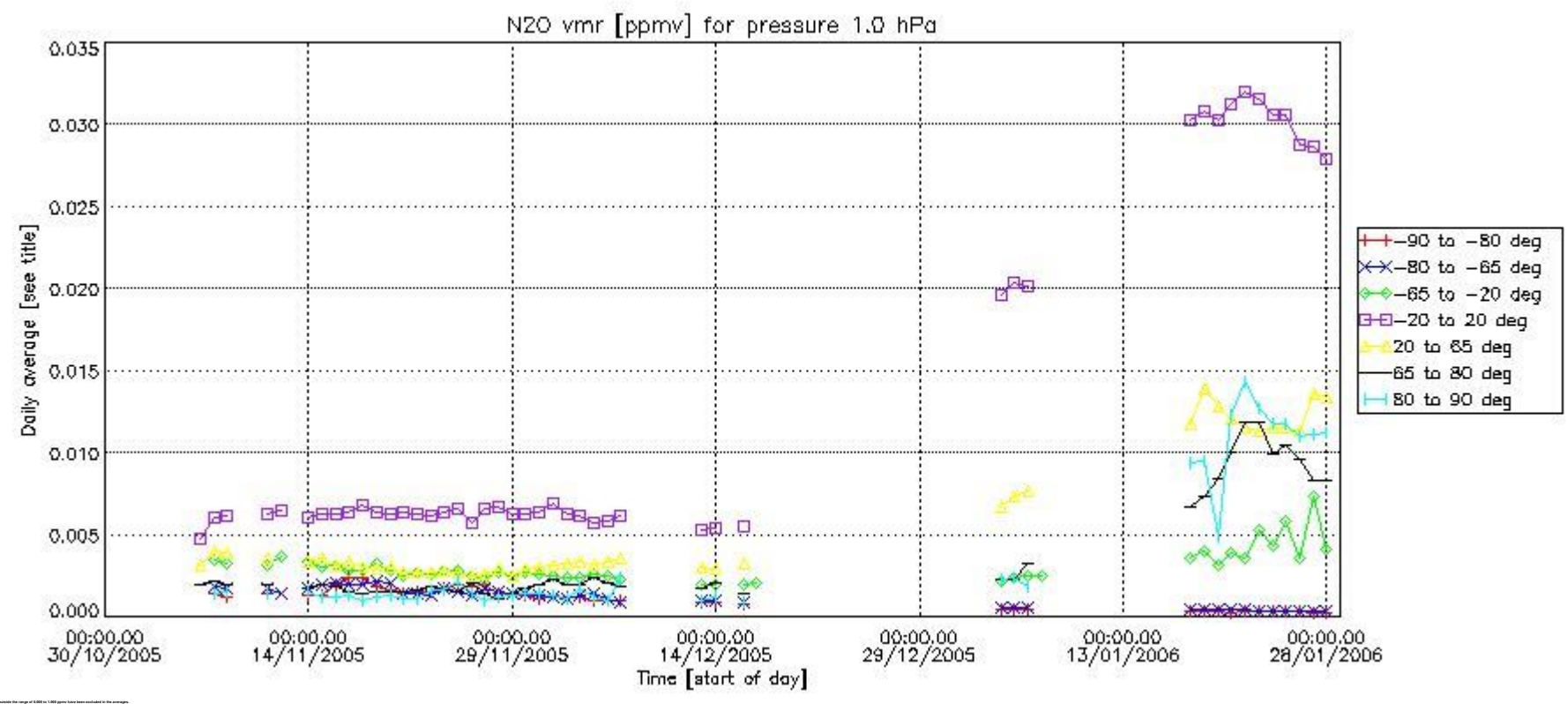
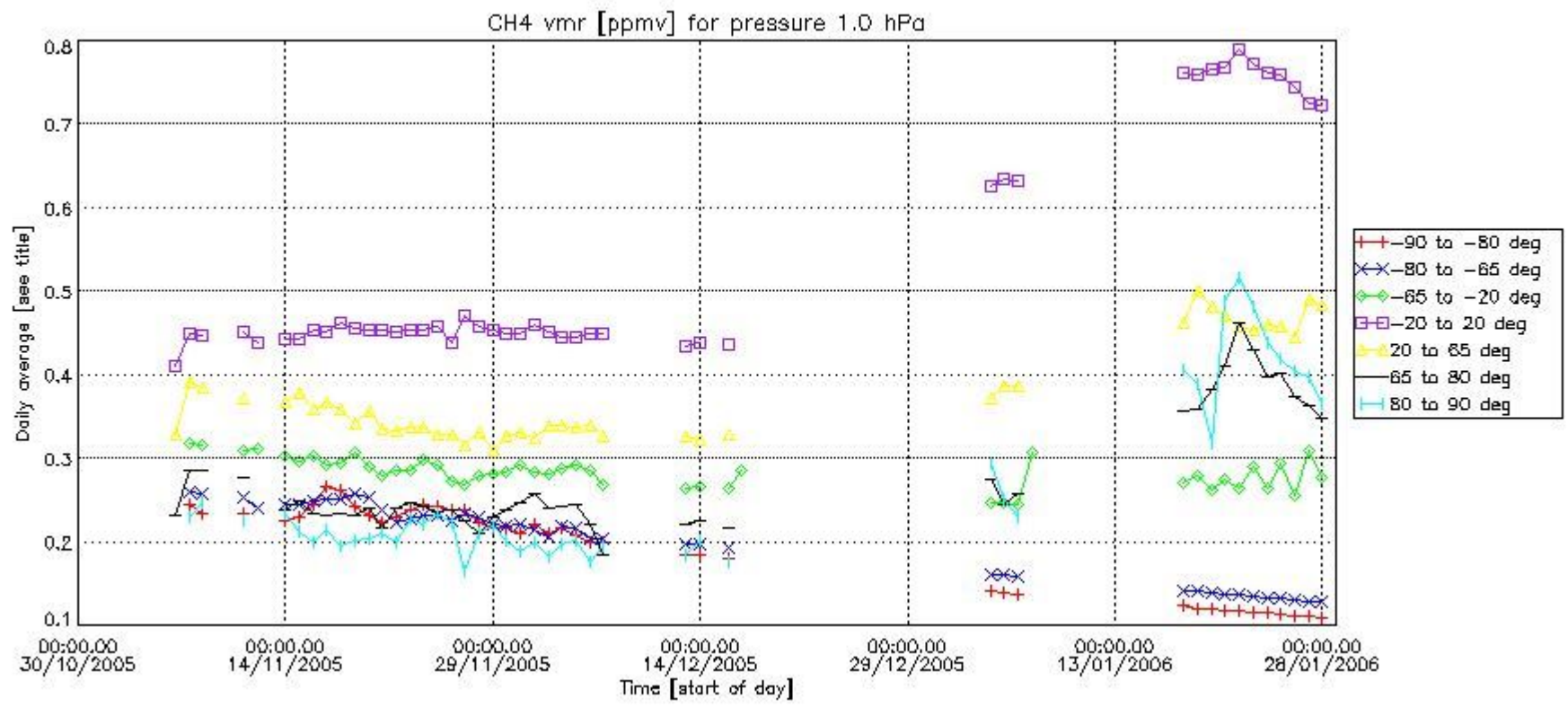


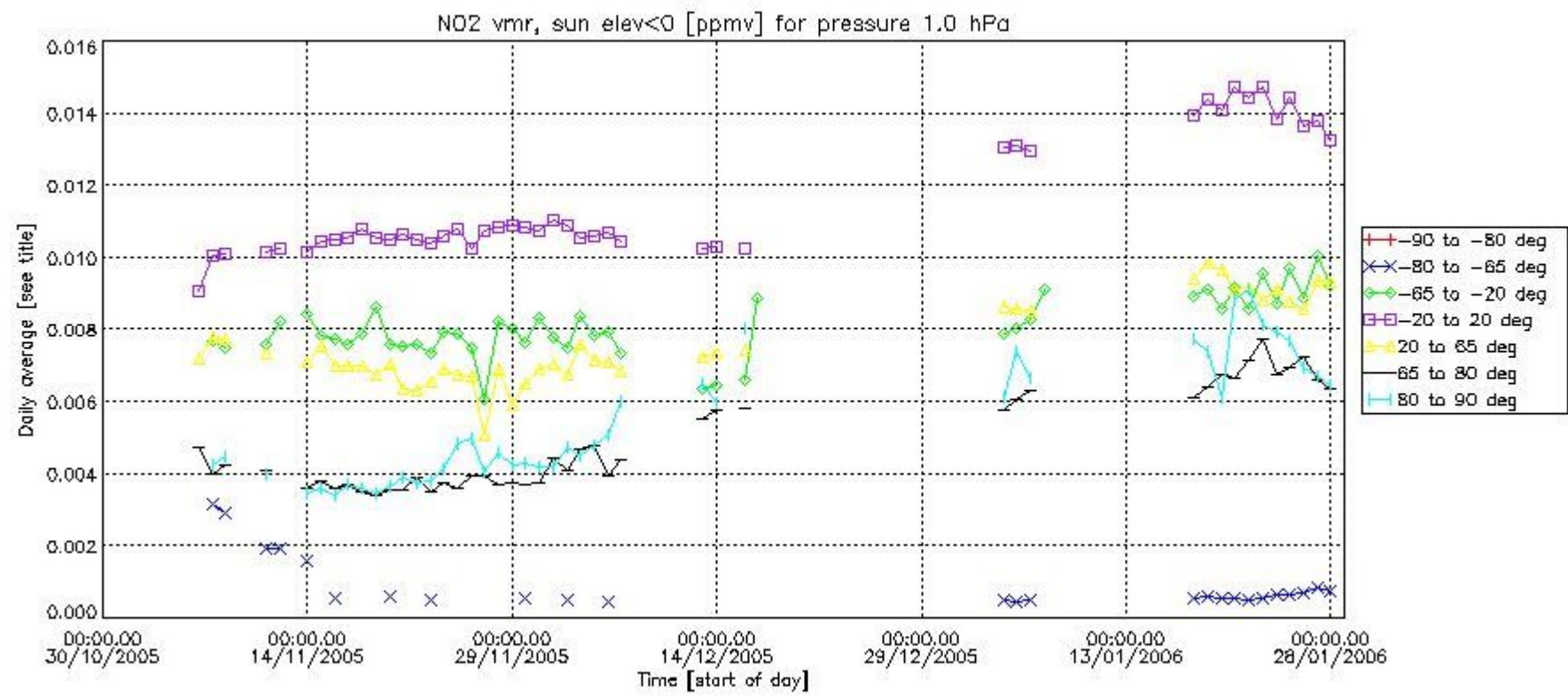
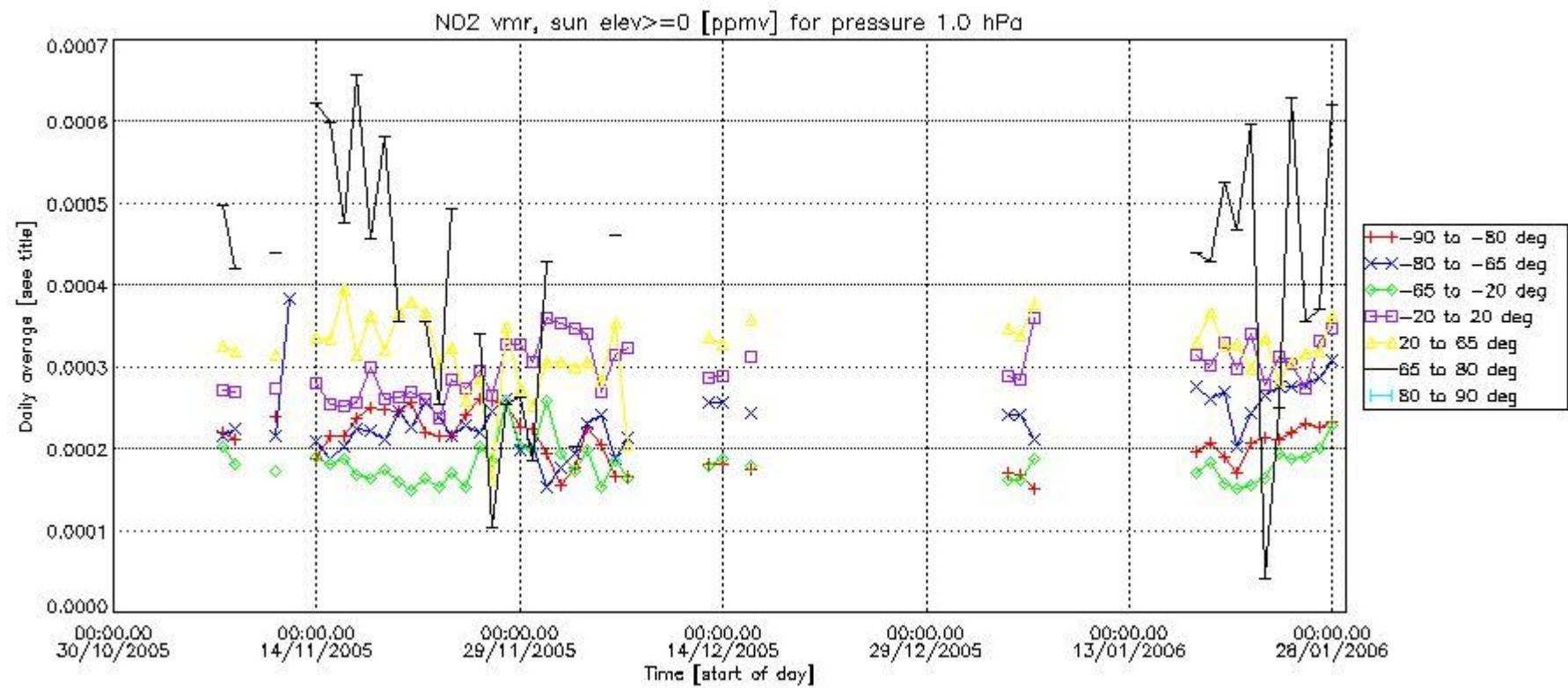




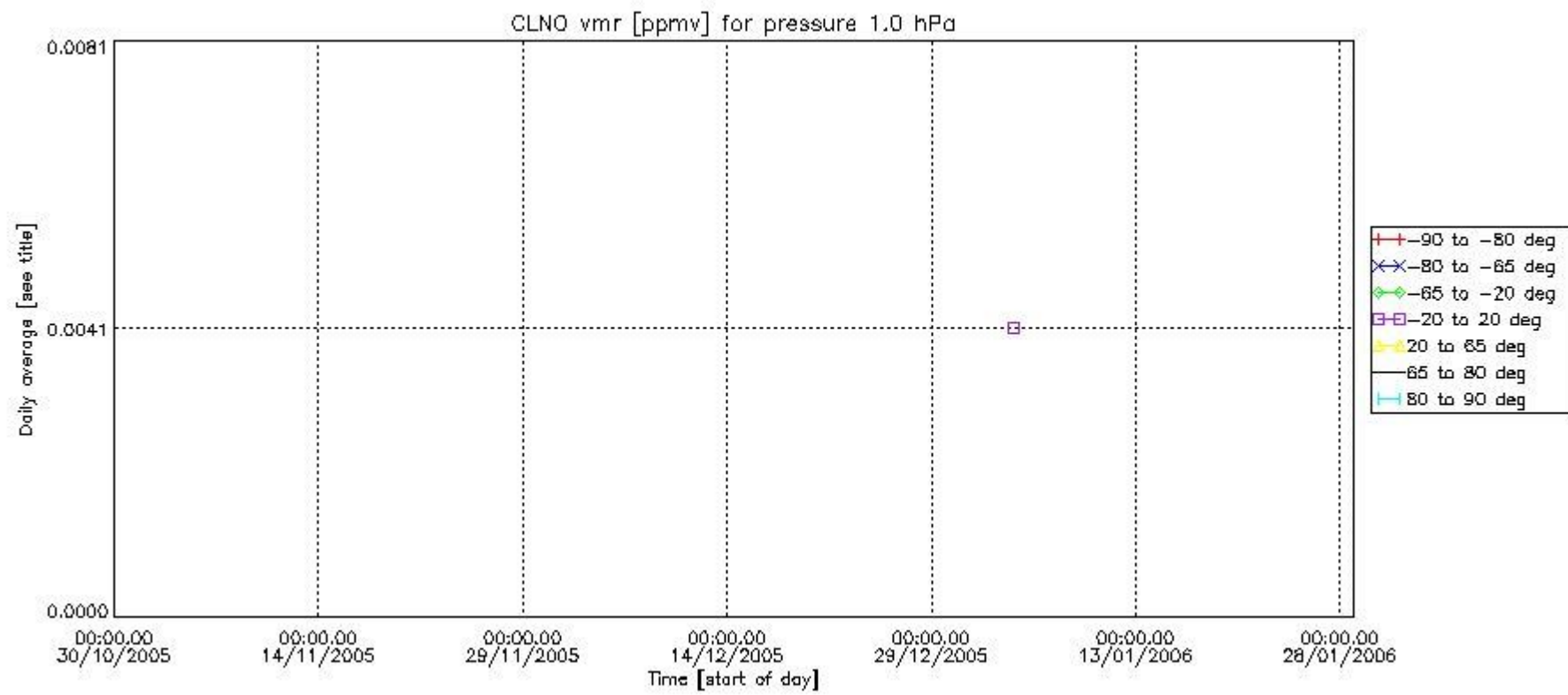
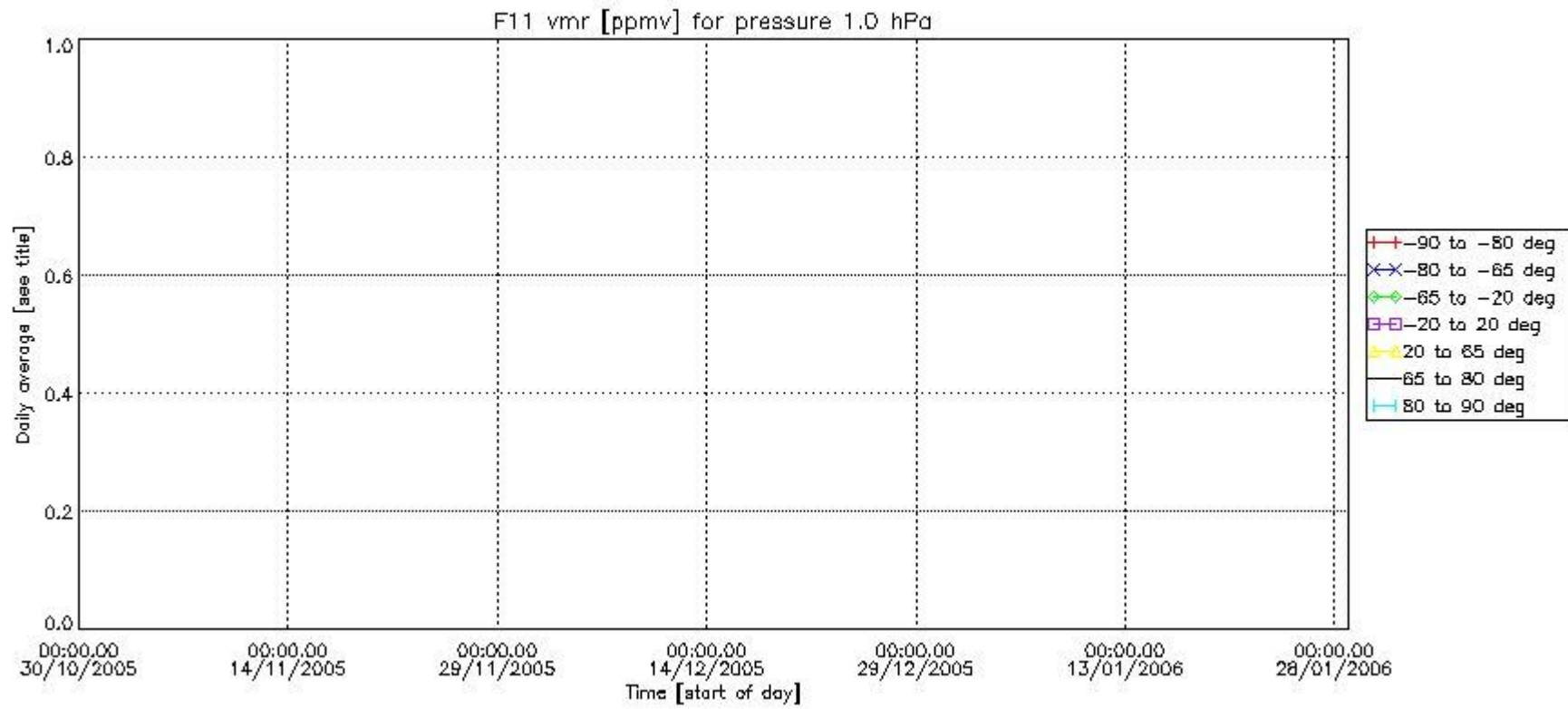


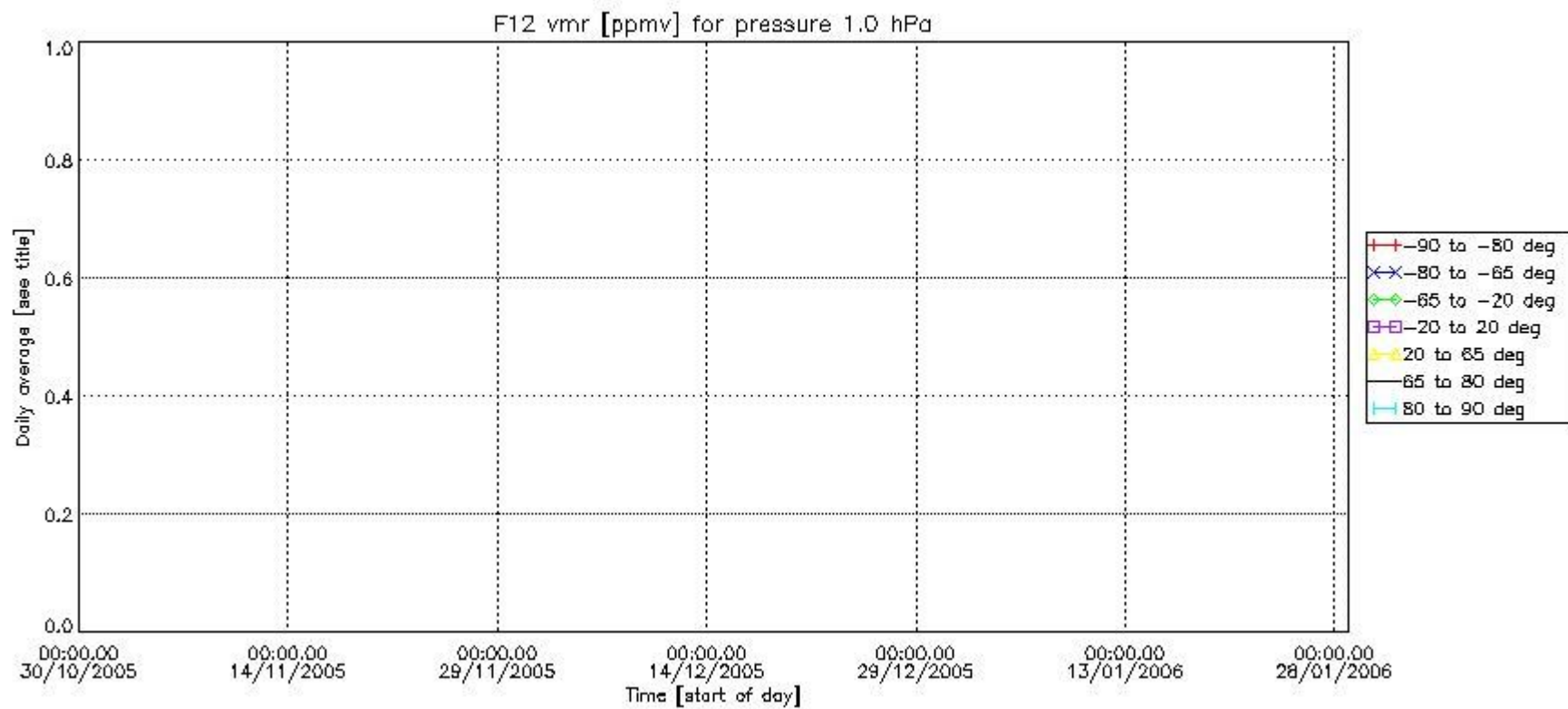
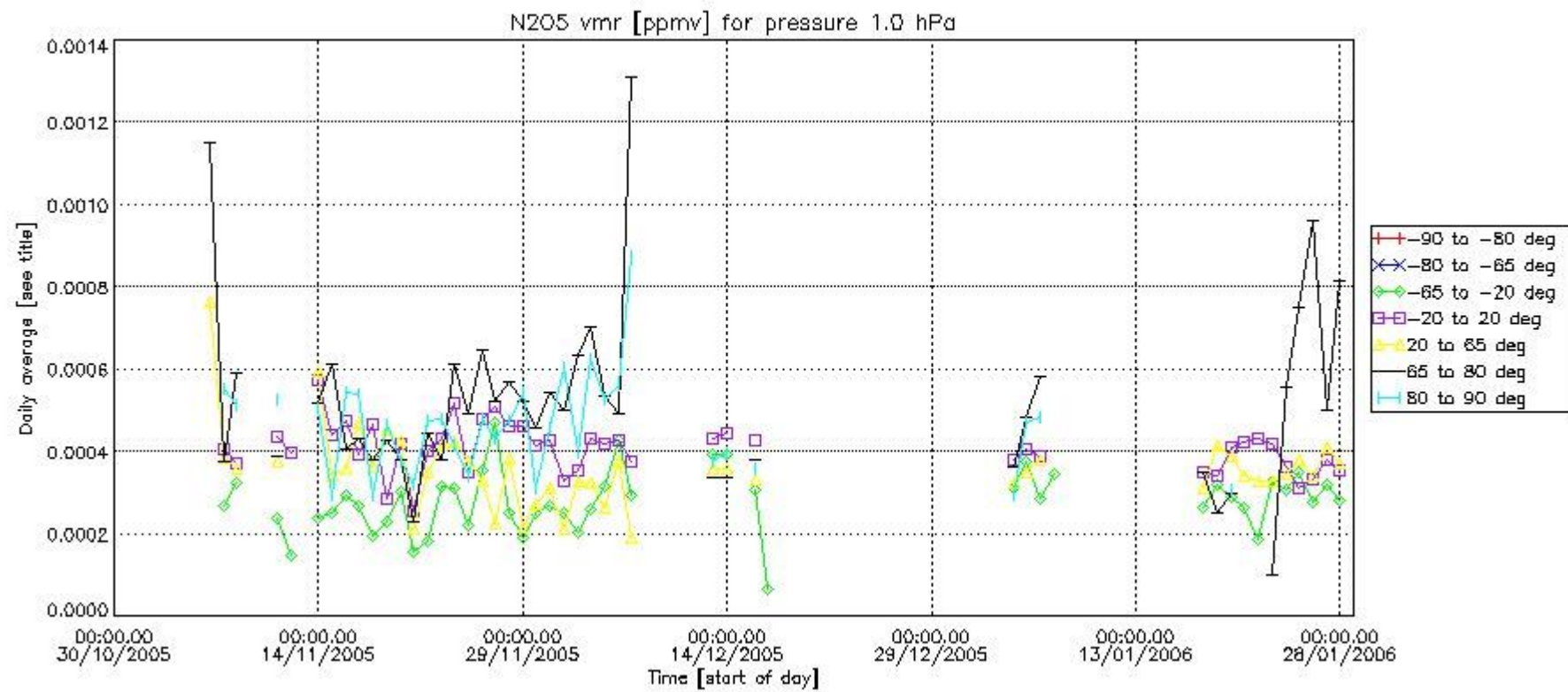


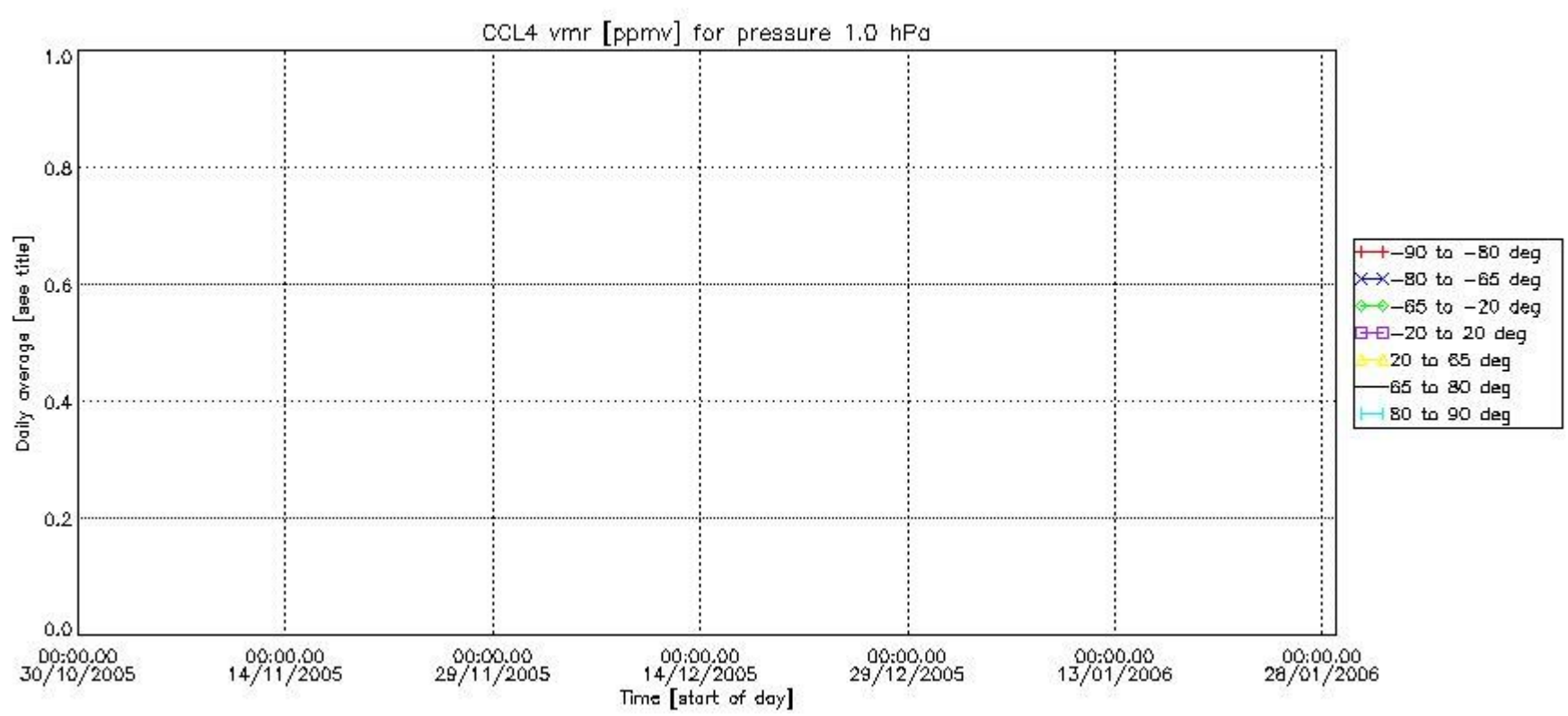
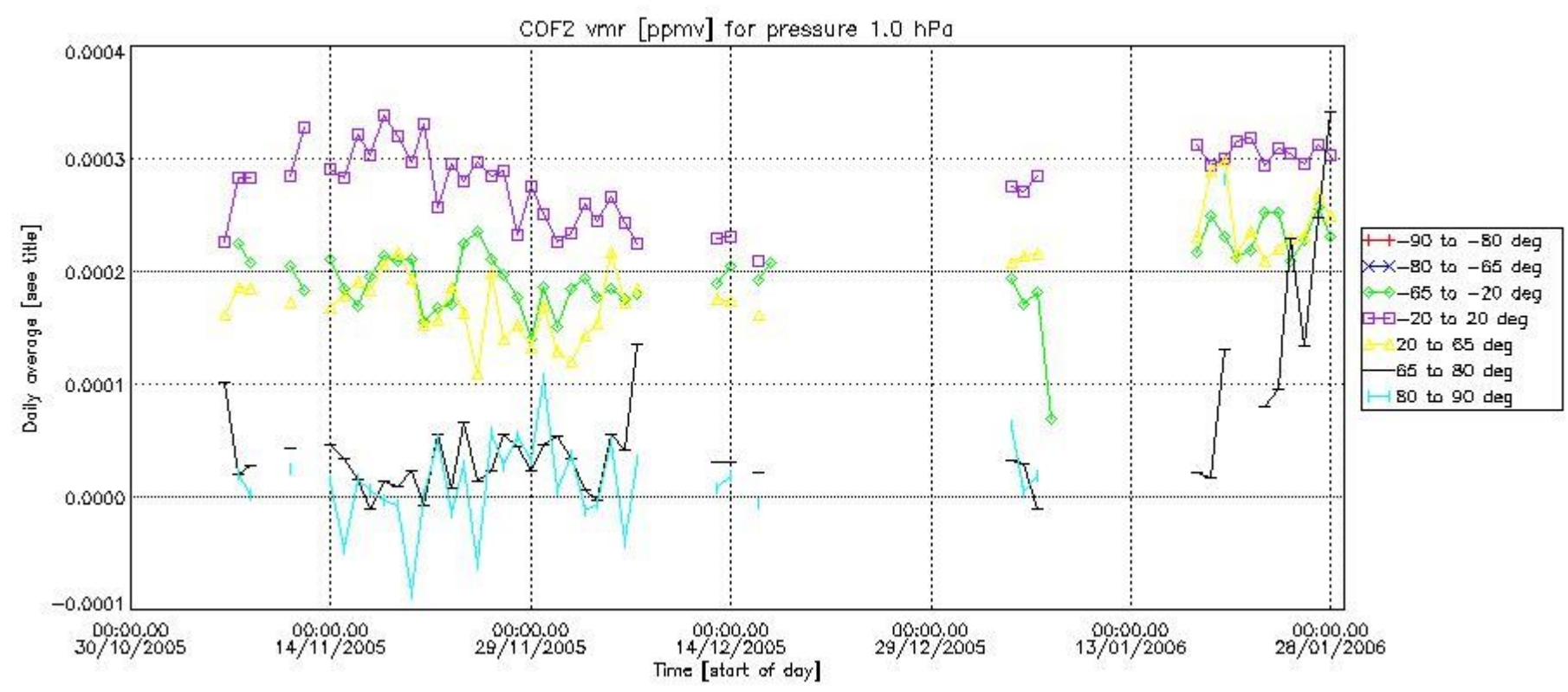


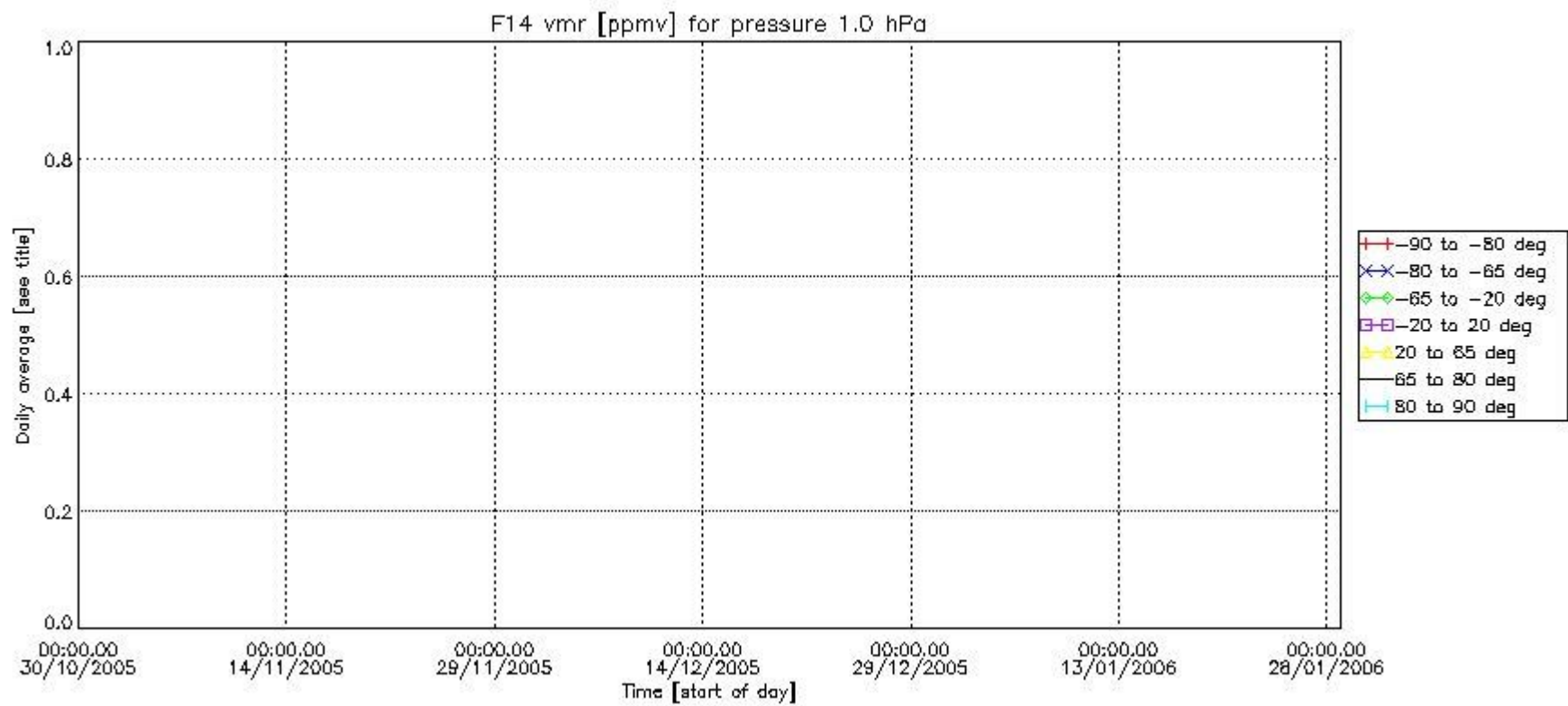
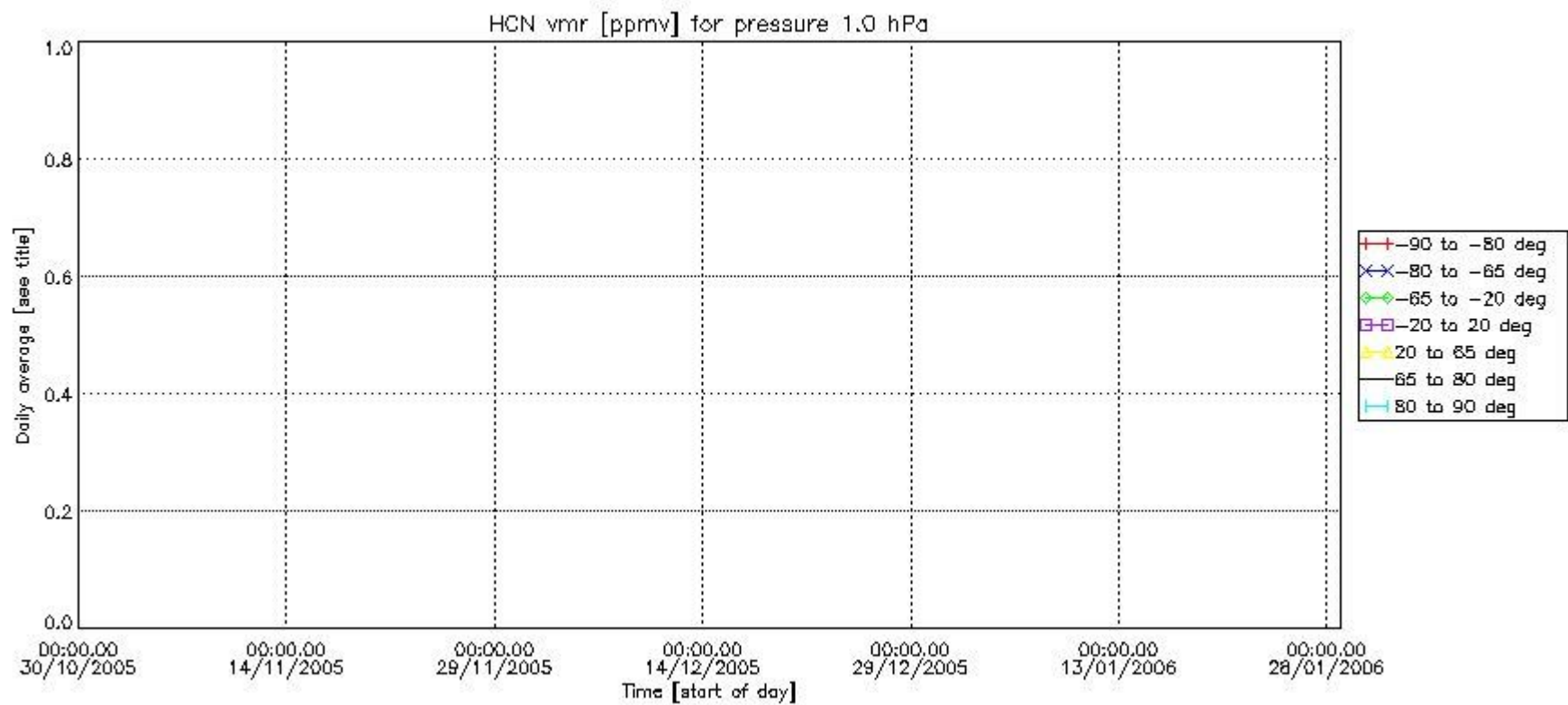


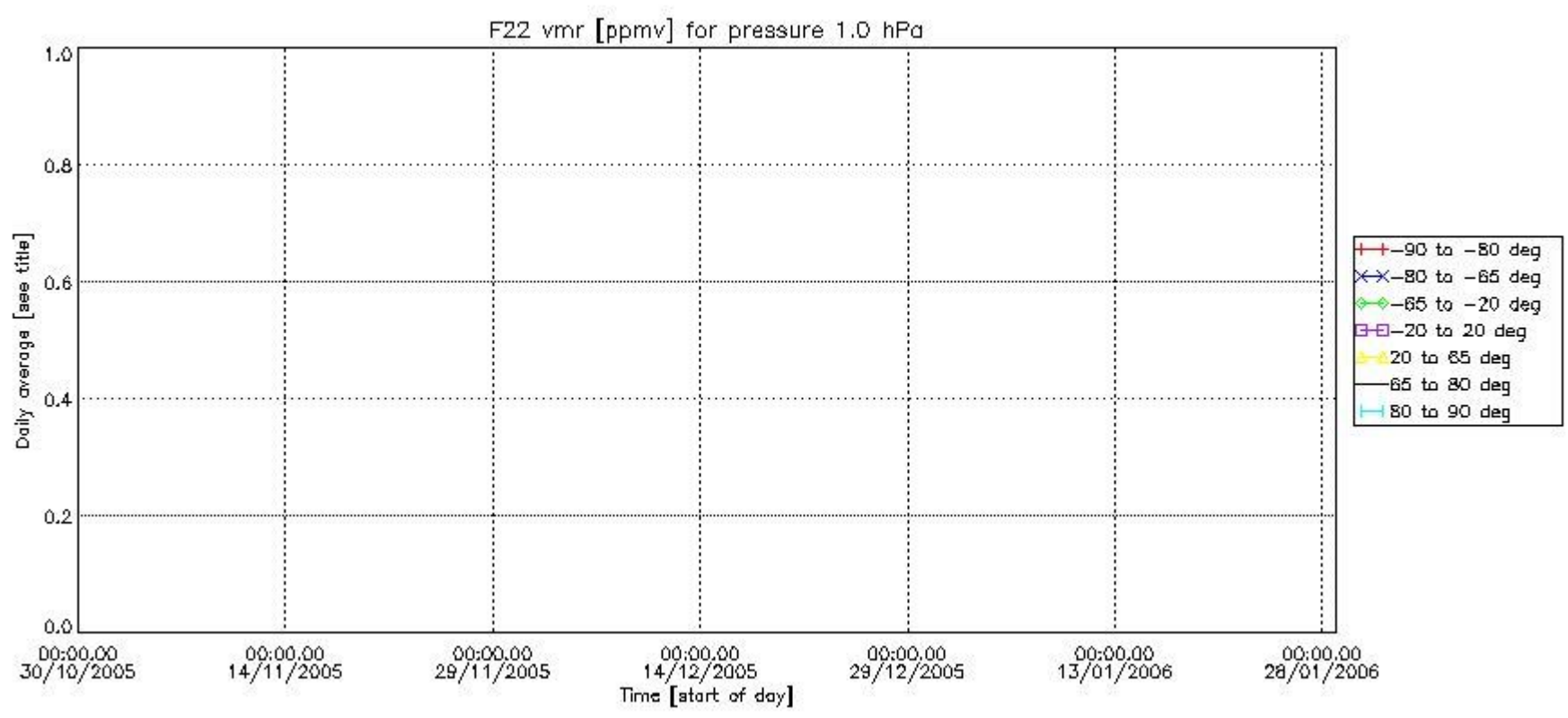












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

