

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20050226.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 08:51:58
Data source version	ML2PP/7.03-W
Processing scope for products	26FEB2005 00:00:00 to 27FEB2005 00:00:00
Start time of first product within scope	26FEB2005 07:37:12
Stop time of last product within scope	26FEB2005 18:06:28
Total number of level 2 products	8
Number of level 2 products with errors	2

### 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__2PWDSI20050226_073712_00000122035_00063_15648_1000.N1	26FEB2005 07:37:12	26FEB2005 07:37:23	1	1/1	
1	MIP_NL__2PWDSI20050226_073812_000001762035_00064_15649_1000.N1	26FEB2005 07:38:12	26FEB2005 07:41:08	0	3/3	
2	MIP_NL__2PWDSI20050226_105822_00000122035_00065_15650_1000.N1	26FEB2005 10:58:22	26FEB2005 10:58:34	1	1/1	
3	MIP_NL__2PWDSI20050226_105922_000060052035_00066_15651_1000.N1	26FEB2005 10:59:22	26FEB2005 12:39:27	0	93/93	P_T_TERM_MACRO_MICRO[micro:1]
4	MIP_NL__2PWDSI20050226_123934_000060612035_00067_15652_1000.N1	26FEB2005 12:39:34	26FEB2005 14:20:35	0	80/80	
5	MIP_NL__2PWDSI20050226_142041_000059982035_00068_15653_1000.N1	26FEB2005 14:20:41	26FEB2005 16:00:39	0	93/93	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
6	MIP_NL__2PWDSI20050226_160045_000060302035_00069_15654_1000.N1	26FEB2005 16:00:45	26FEB2005 17:41:15	0	93/93	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
7	MIP_NL__2PWDSI20050226_174121_000015072035_00070_15655_1000.N1	26FEB2005 17:41:21	26FEB2005 18:06:28	0	24/24	

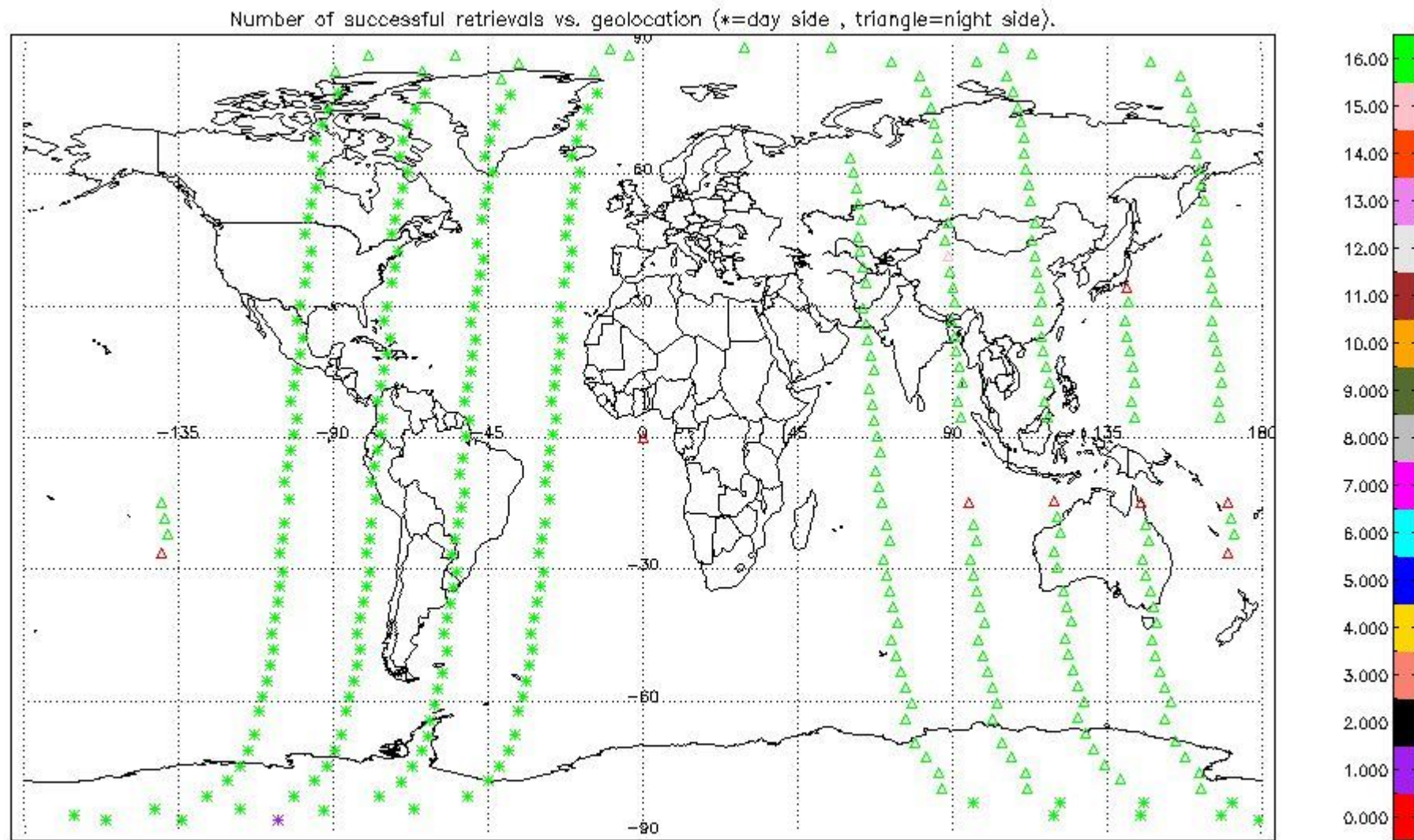
## 2.2 Processing performance indicators

### 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.

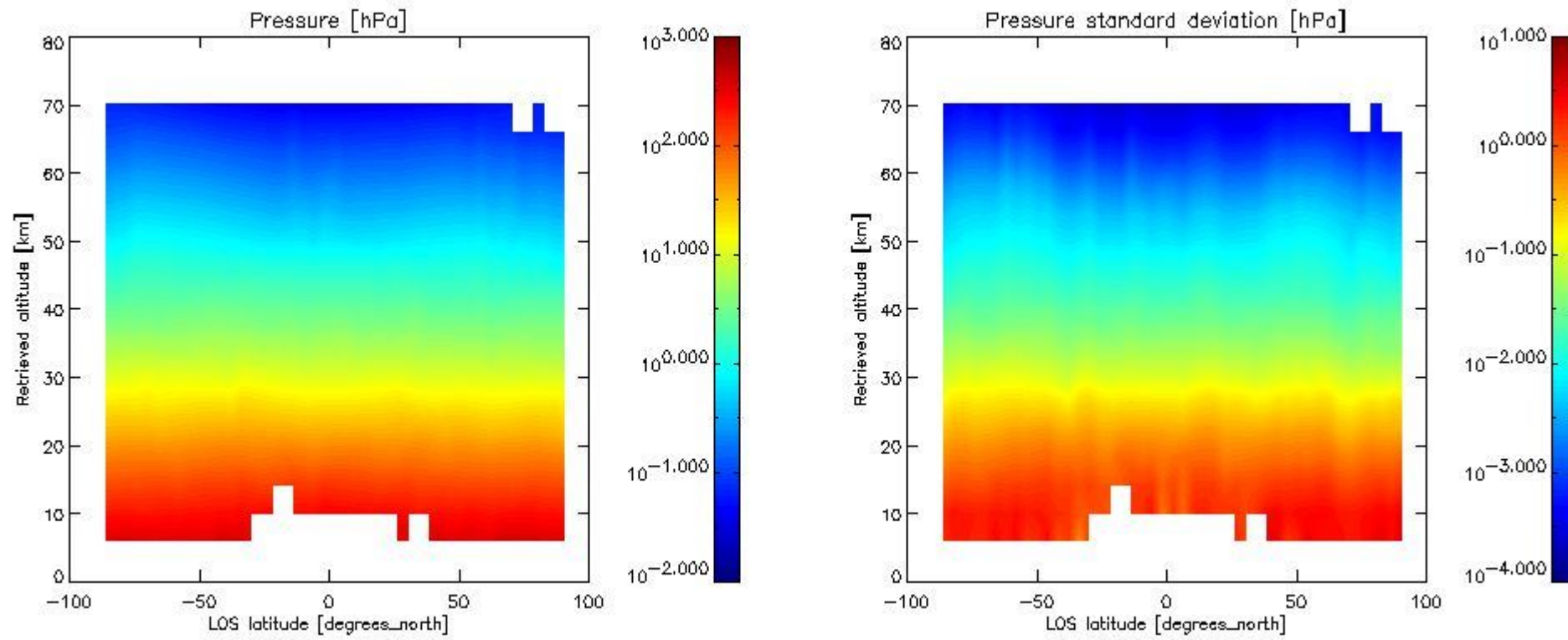
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	388	377	97.165
H2O	388	376	96.907

O3	388	376	96.907
HNO3	388	376	96.907
CH4	388	376	96.907
N2O	388	376	96.907
NO2	388	376	96.907
F11	388	376	96.907
CLNO	388	376	96.907
N2O5	388	376	96.907
F12	388	375	96.649
COF2	388	376	96.907
CCL4	388	376	96.907
HCN	388	376	96.907
F14	388	376	96.907
F22	388	376	96.907



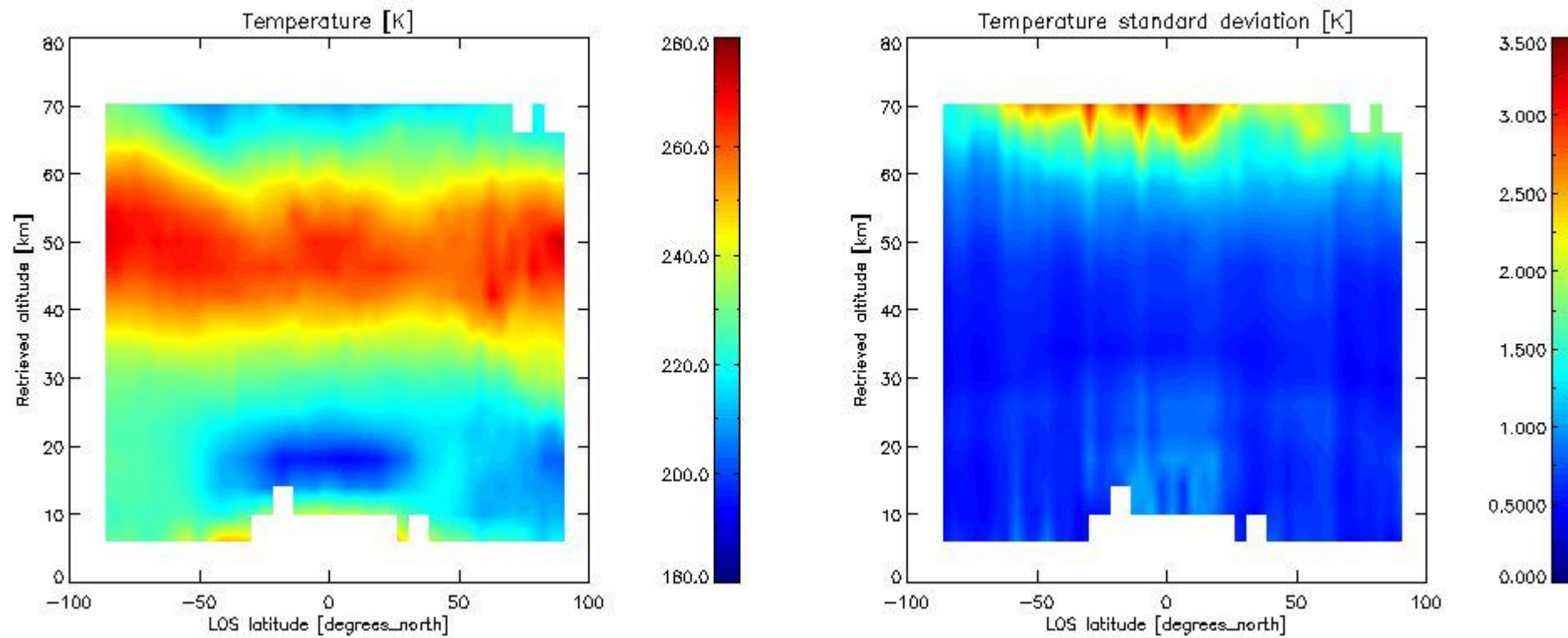
## 2.2.2 Pressure overview

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



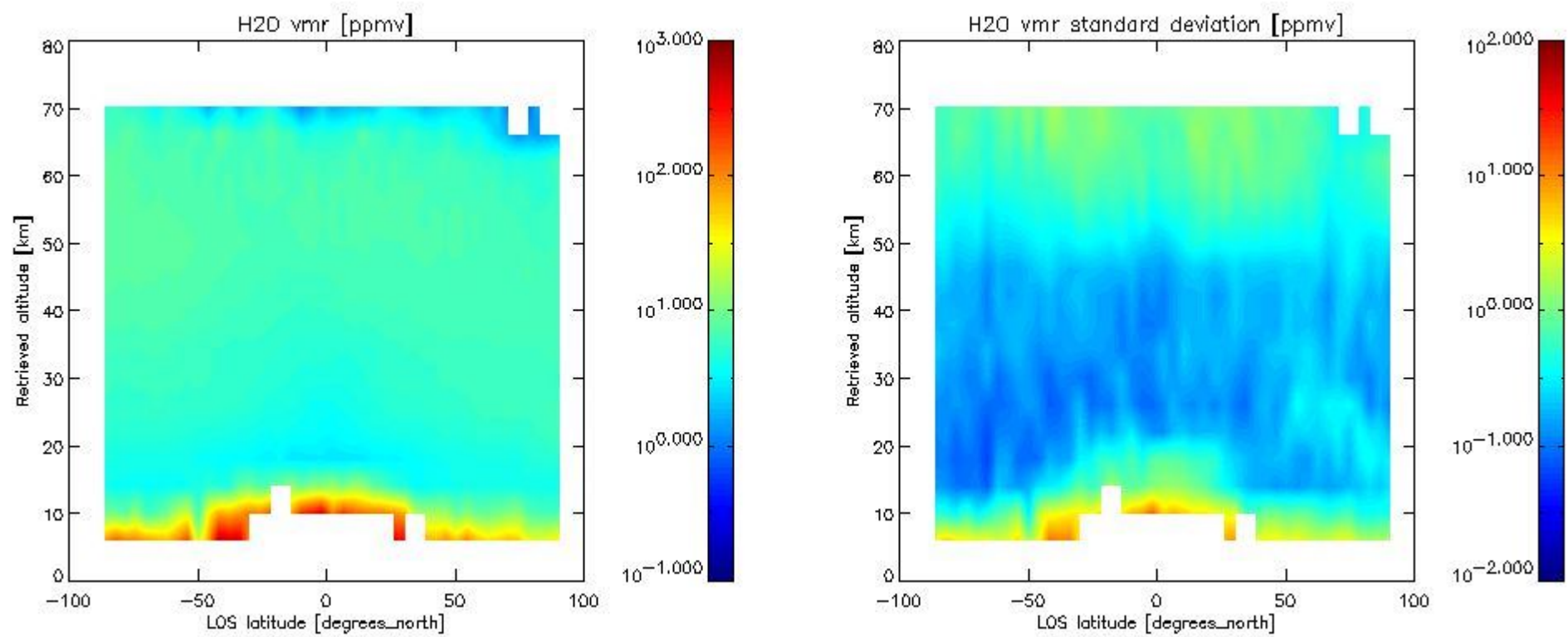
### 2.2.3 Temperature overview

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

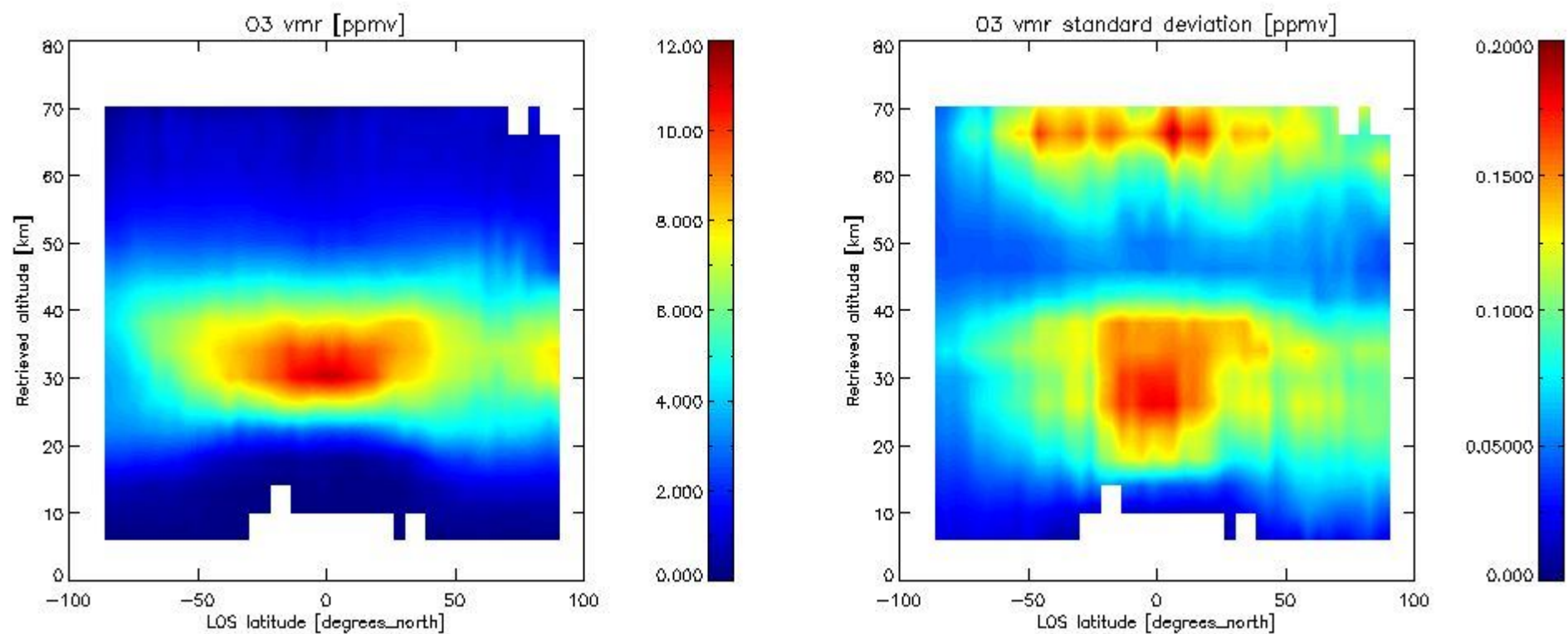


### 2.2.4 Species overview

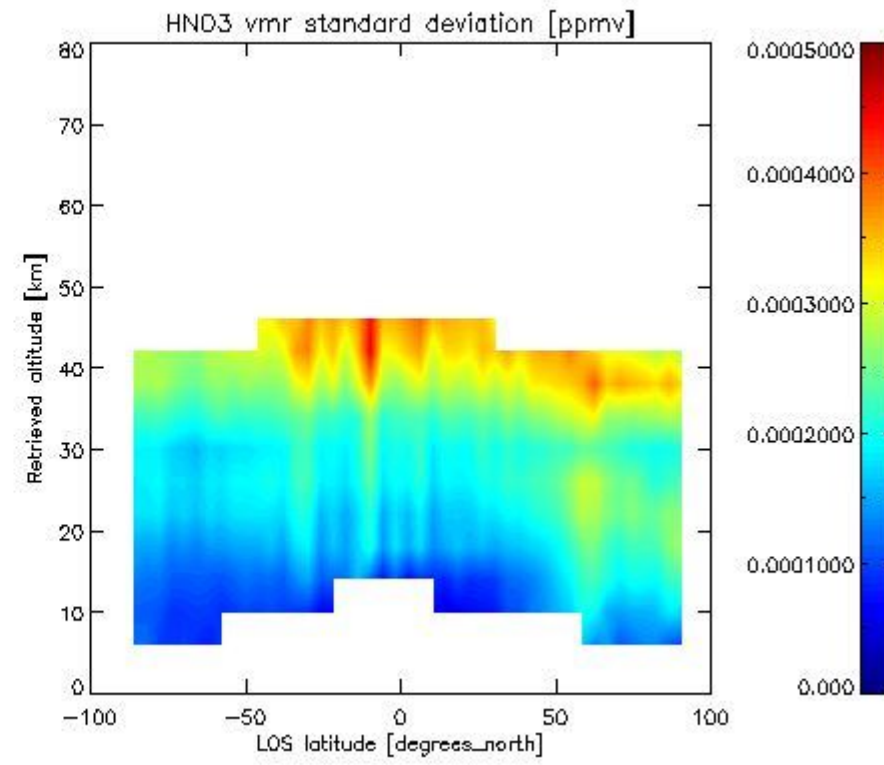
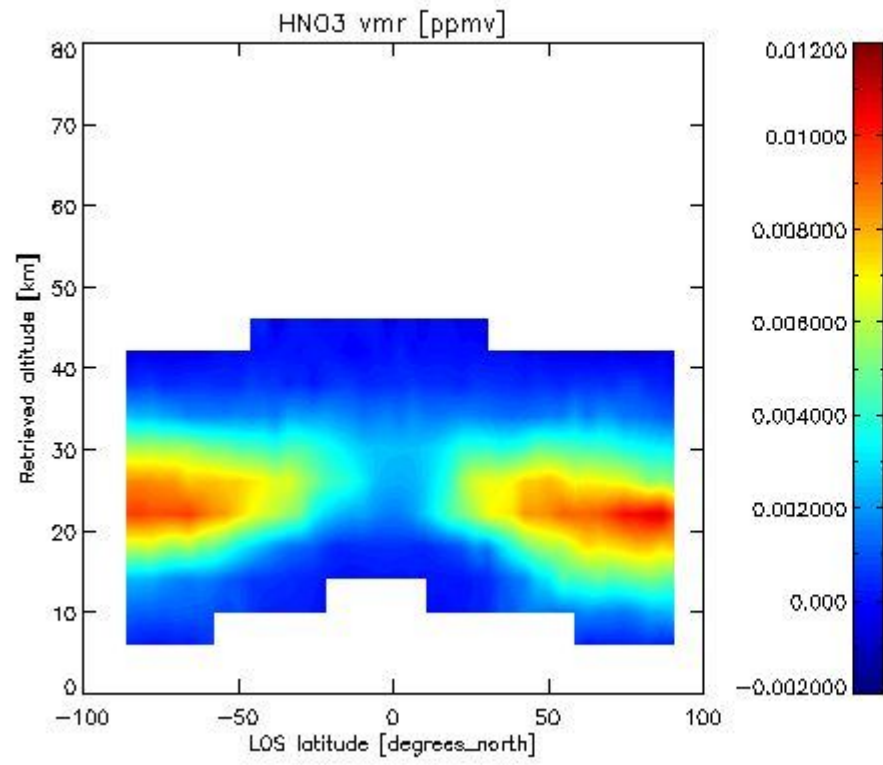
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



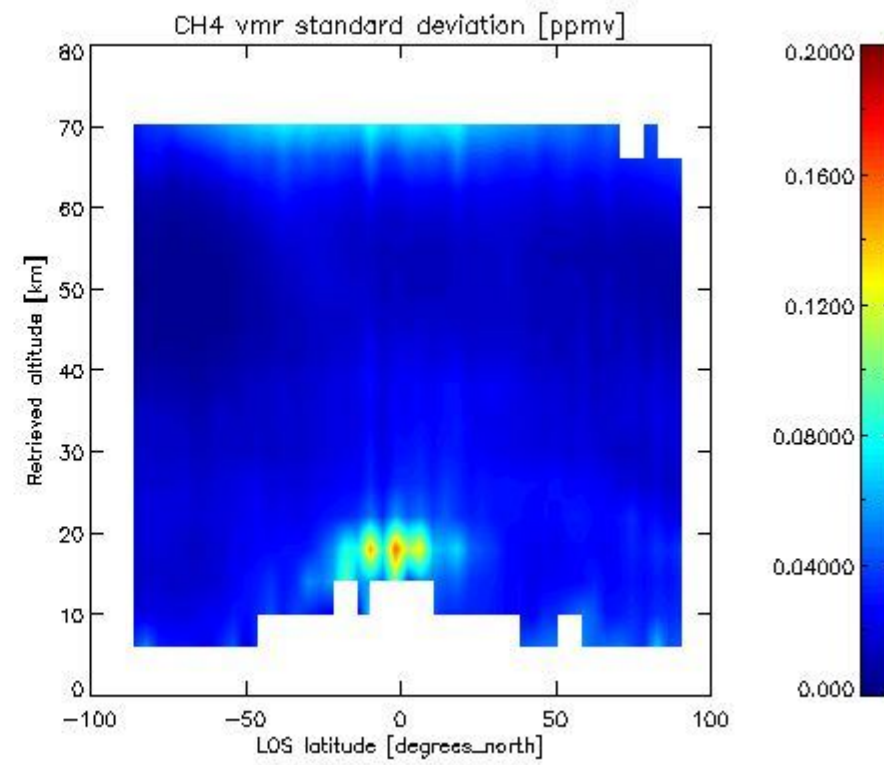
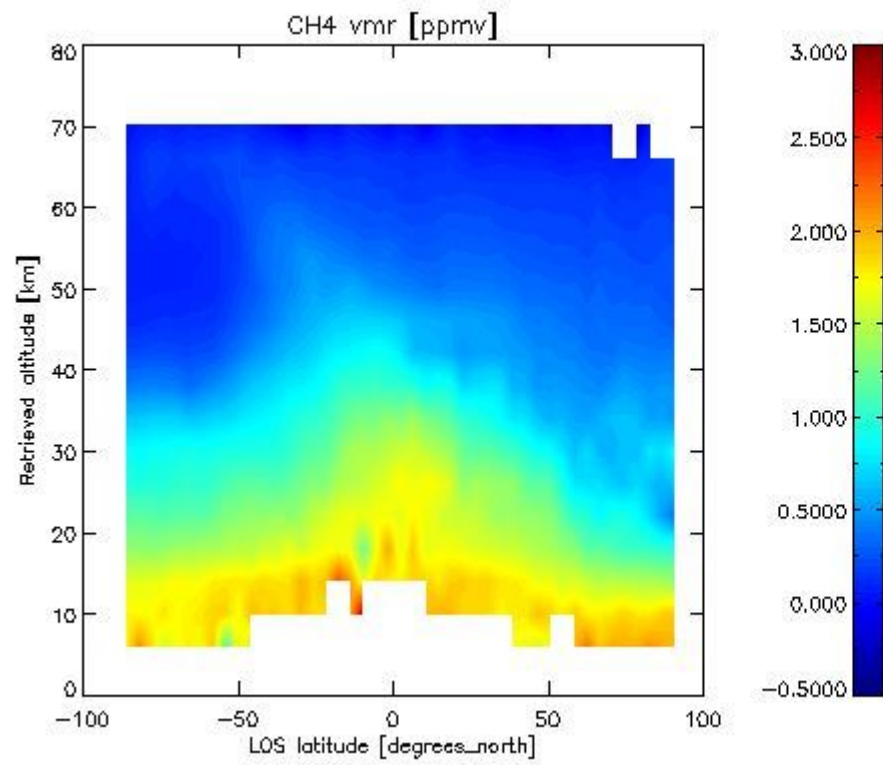
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



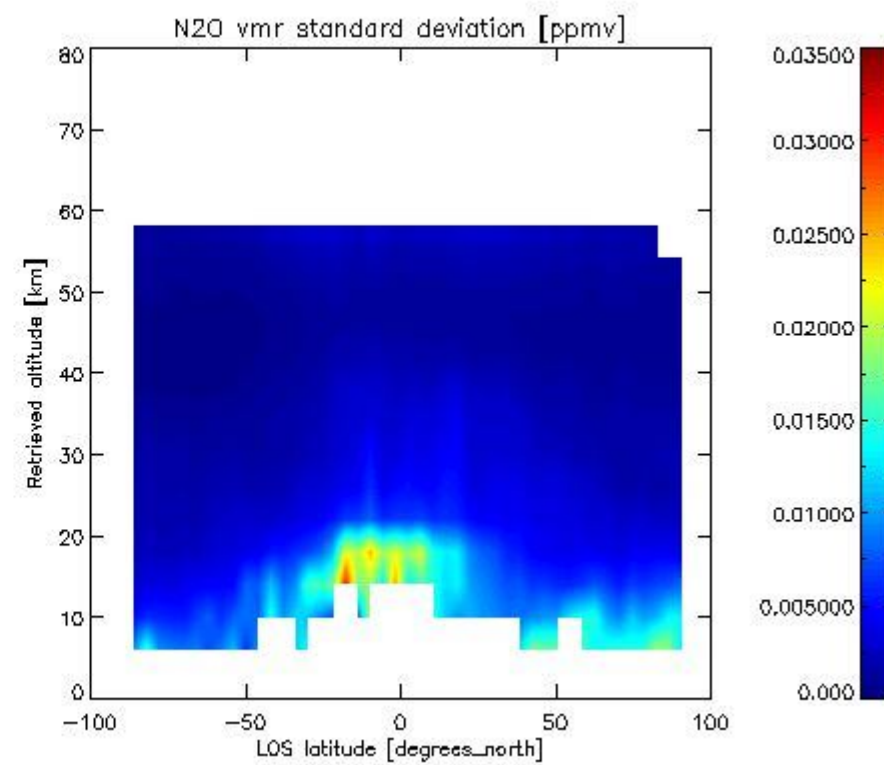
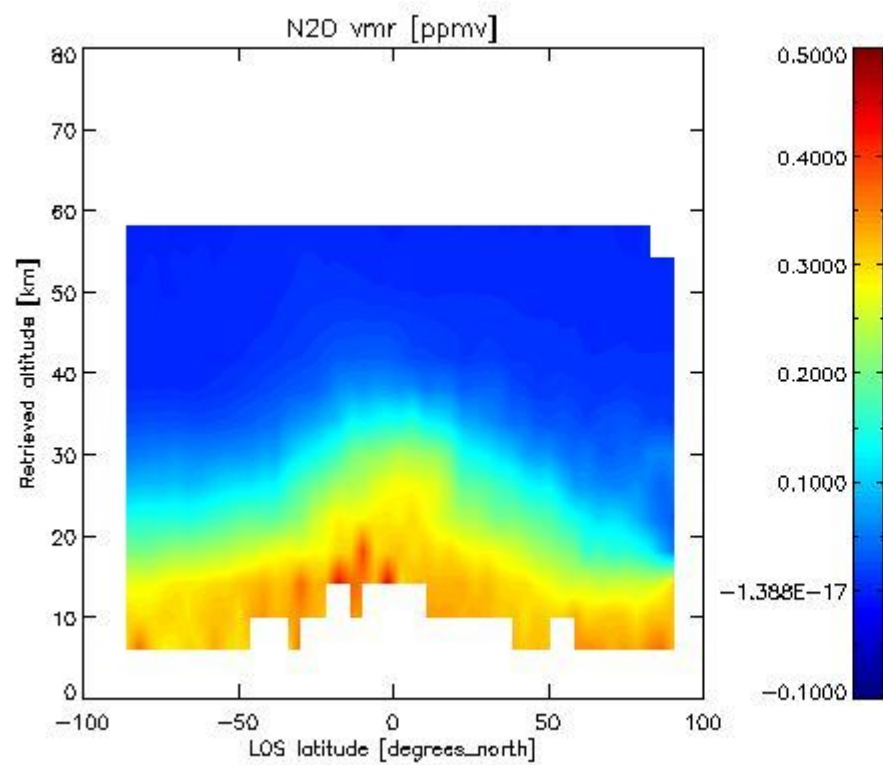
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



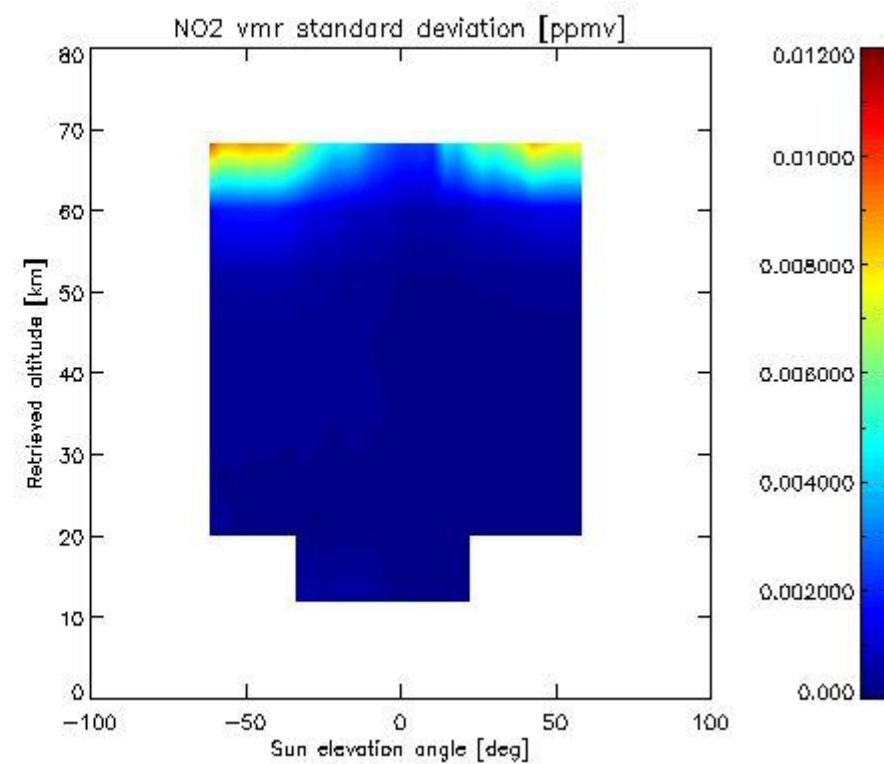
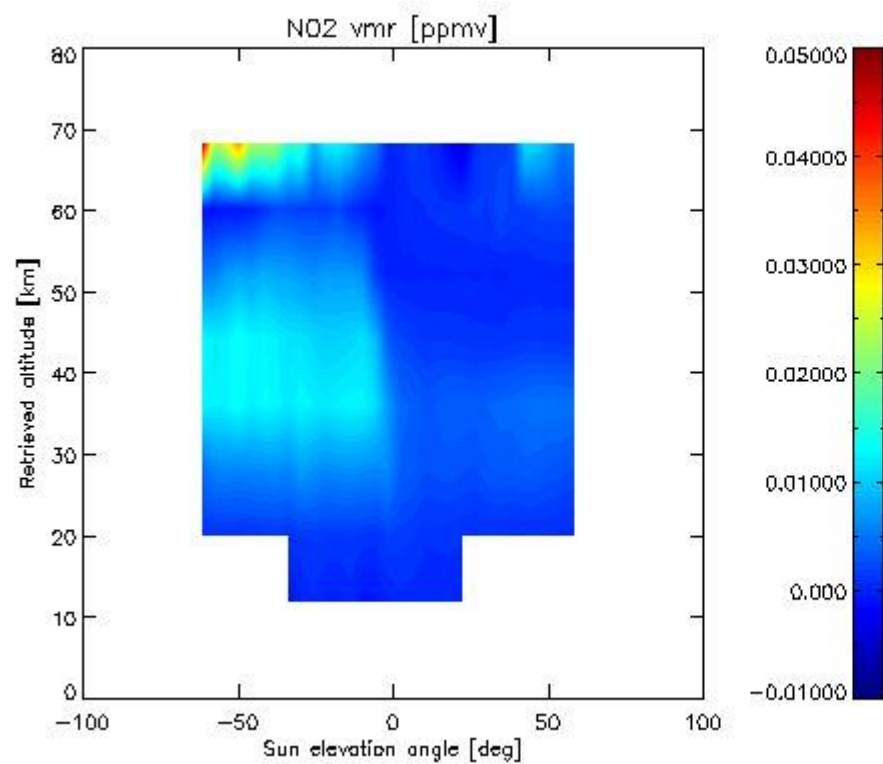
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



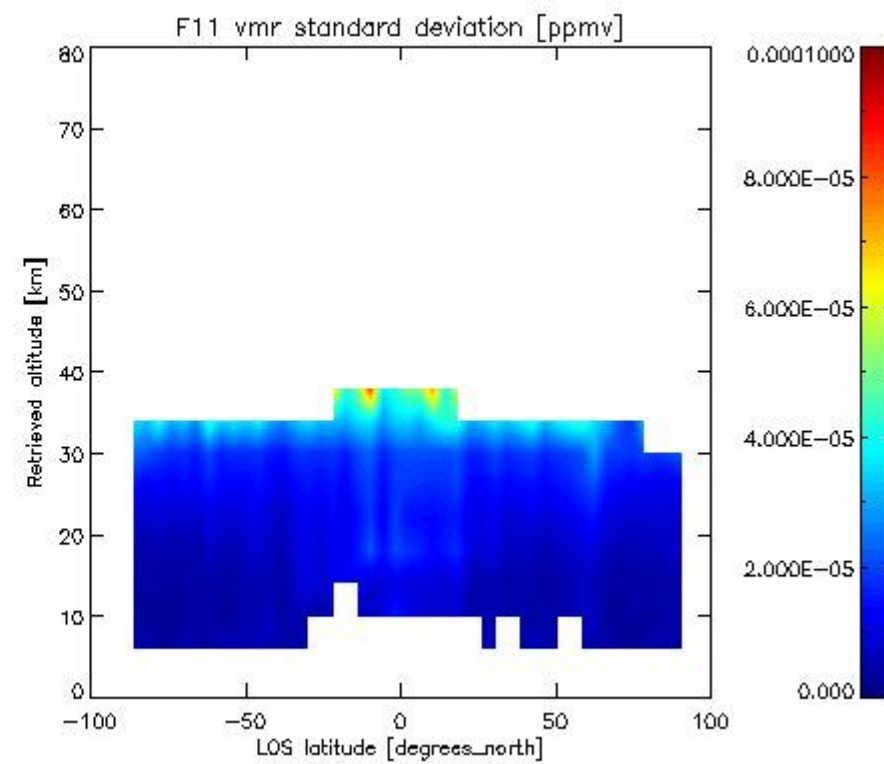
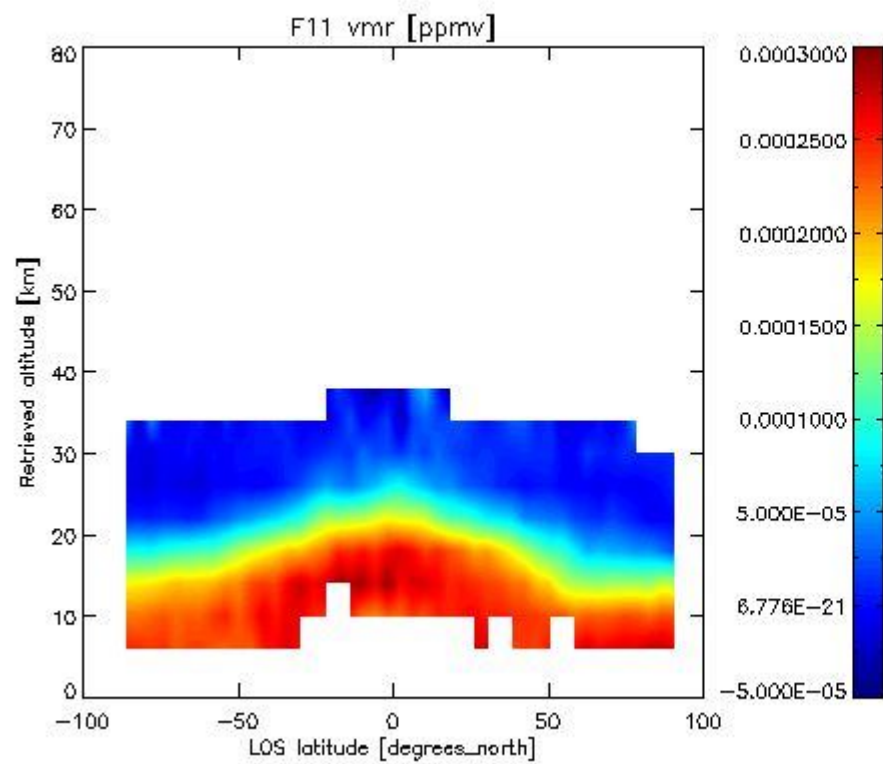
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



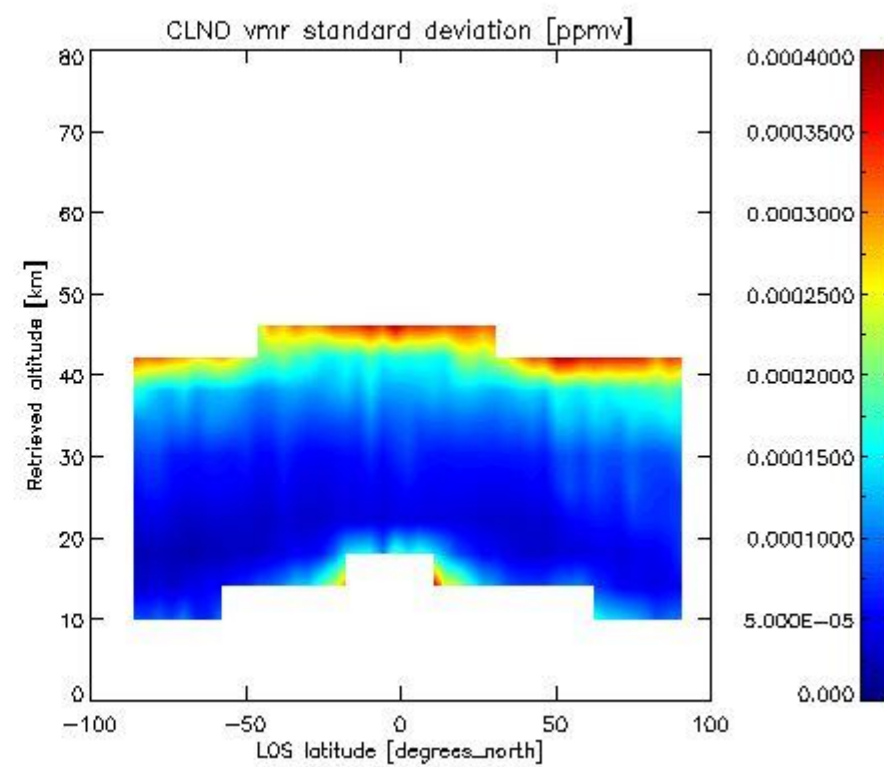
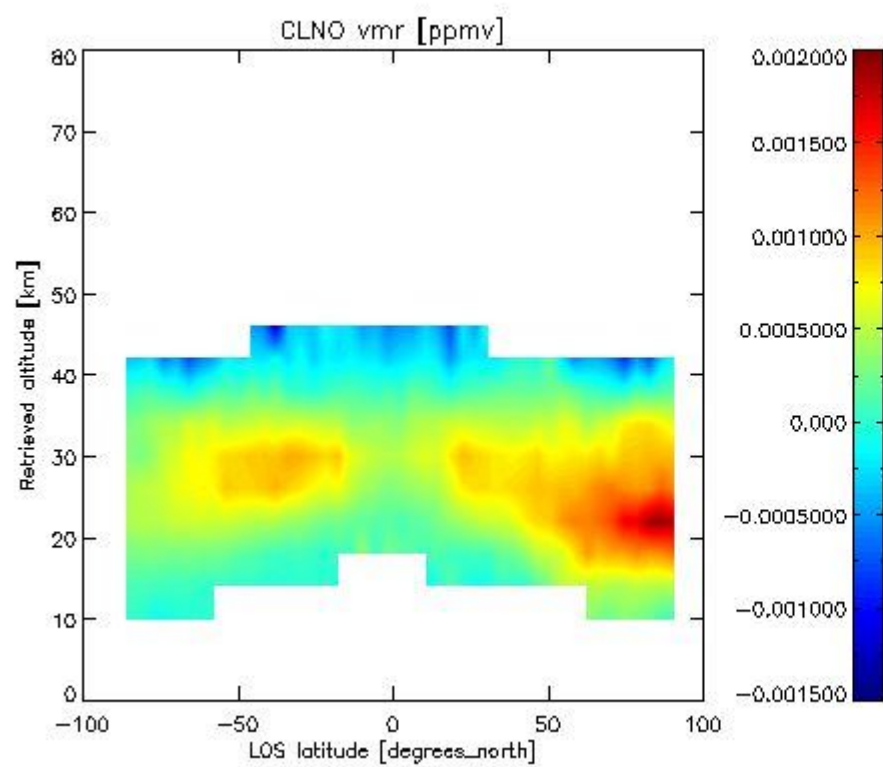
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.



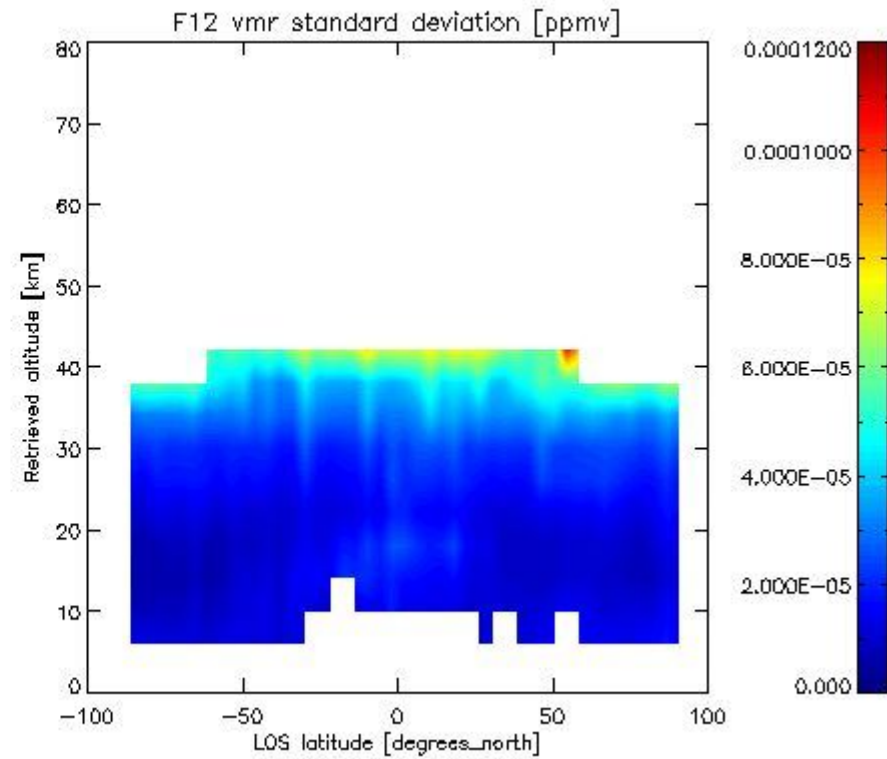
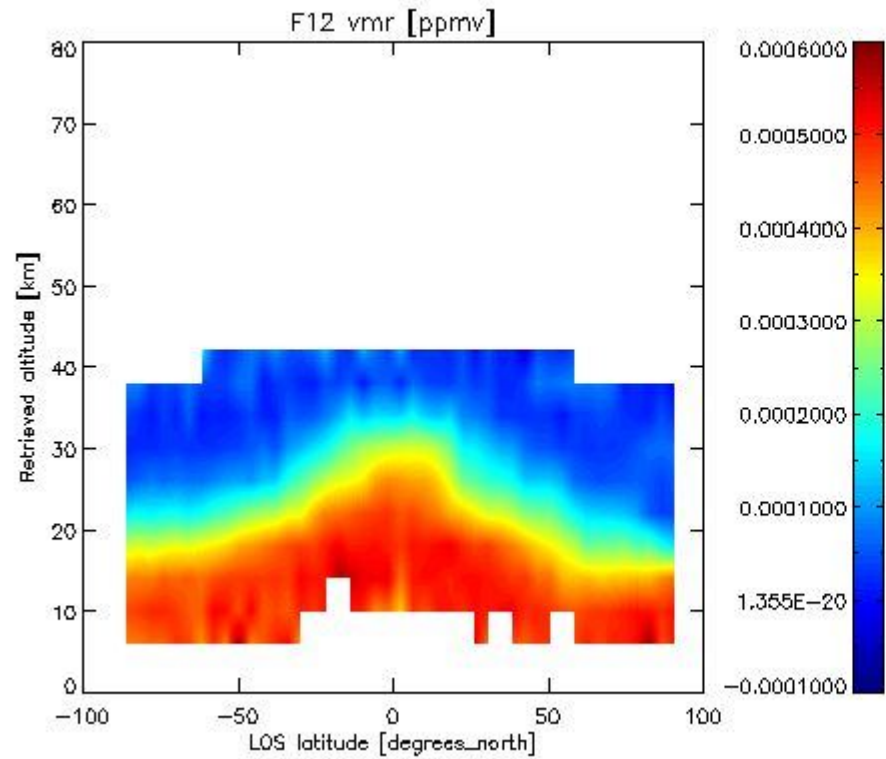
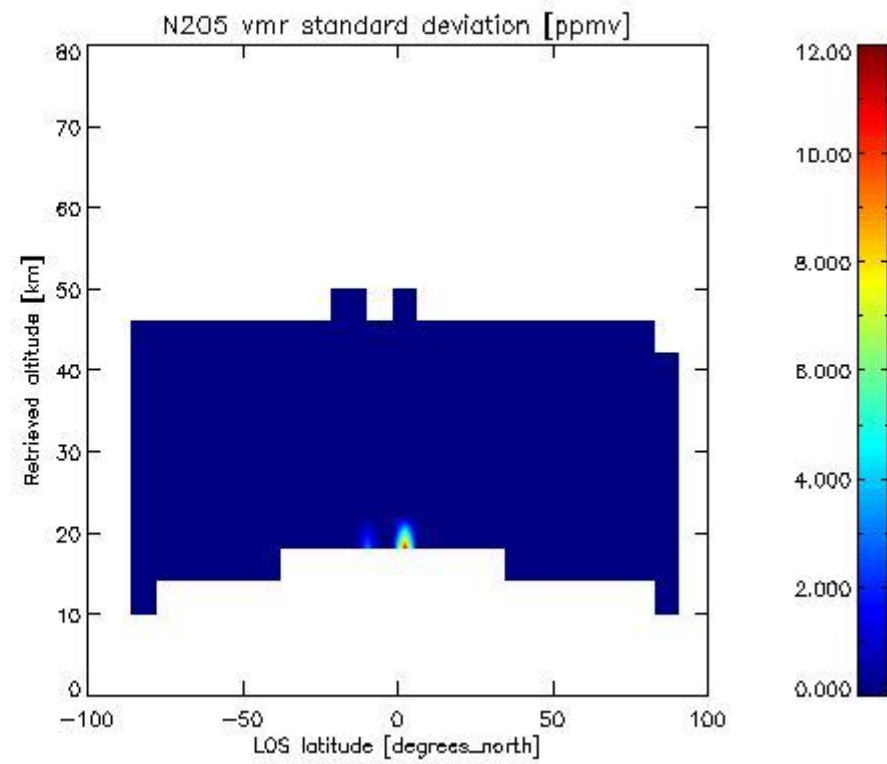
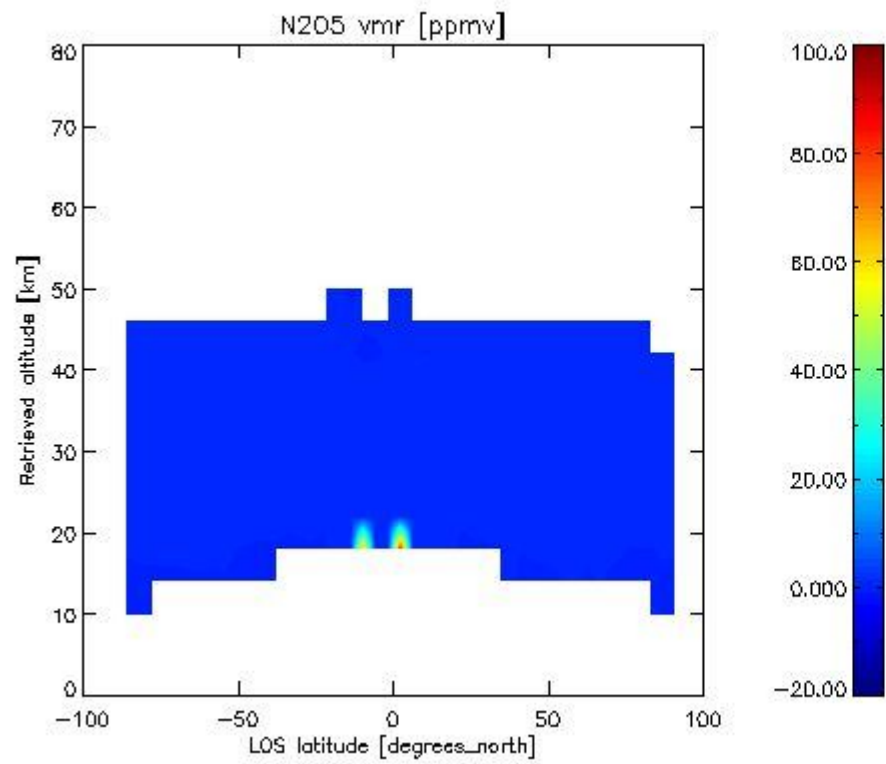
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



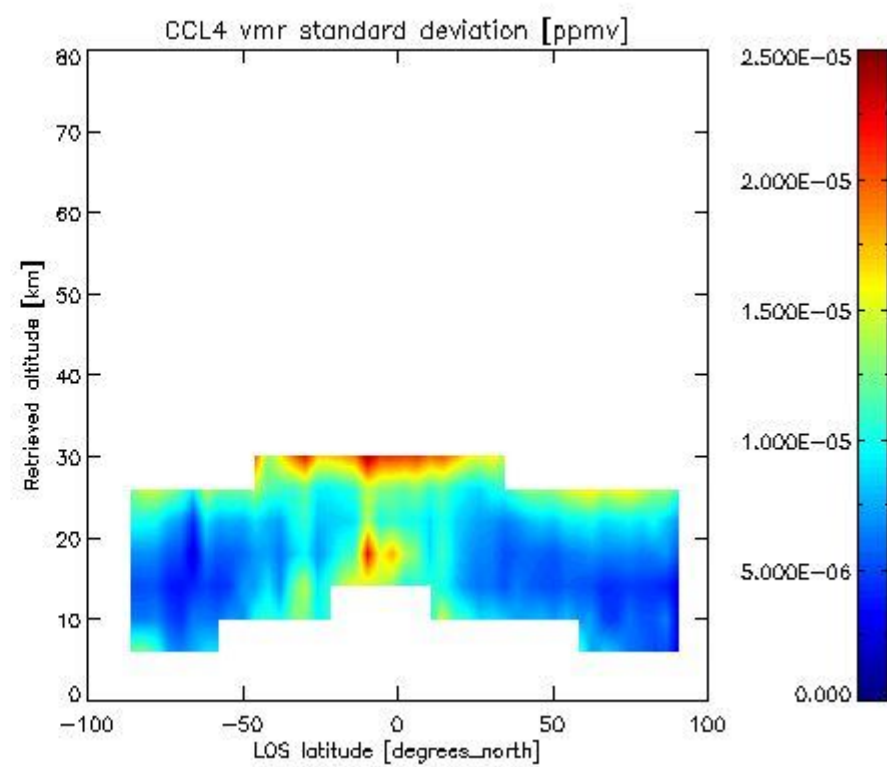
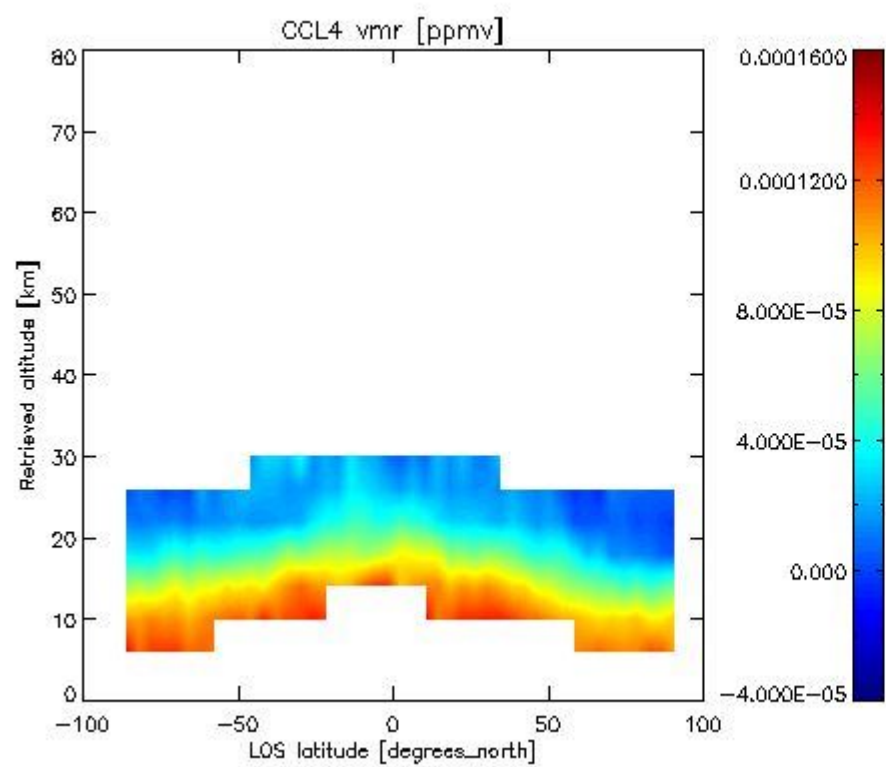
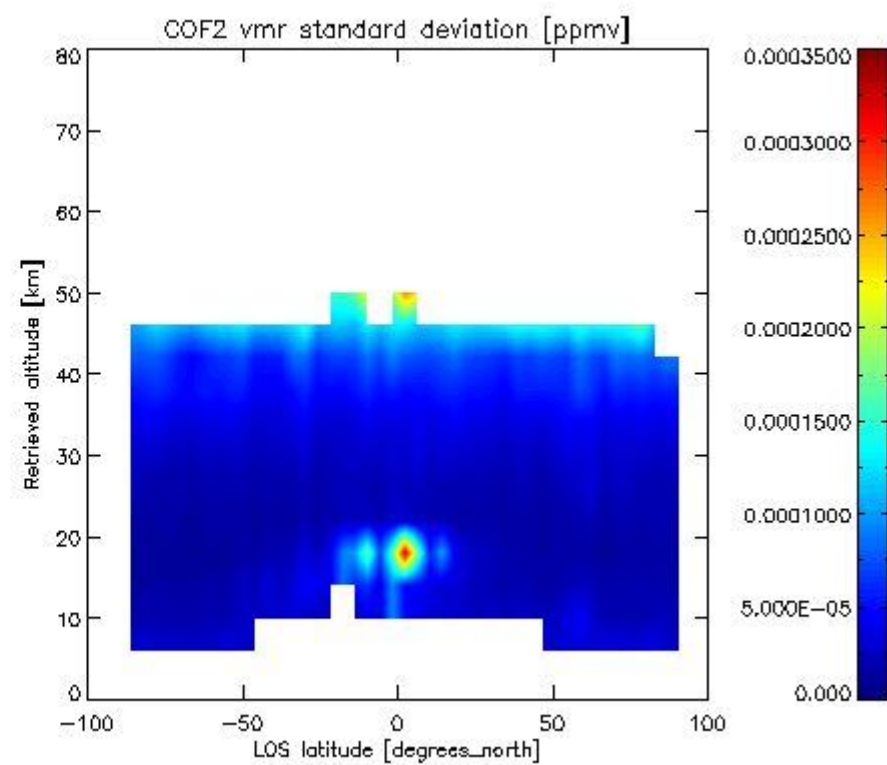
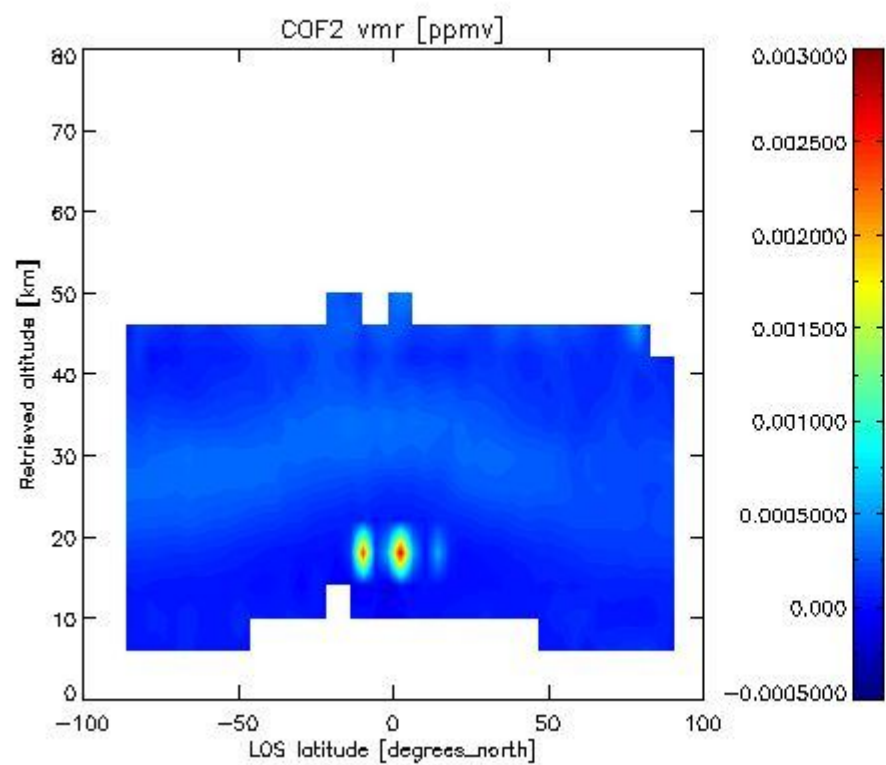
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

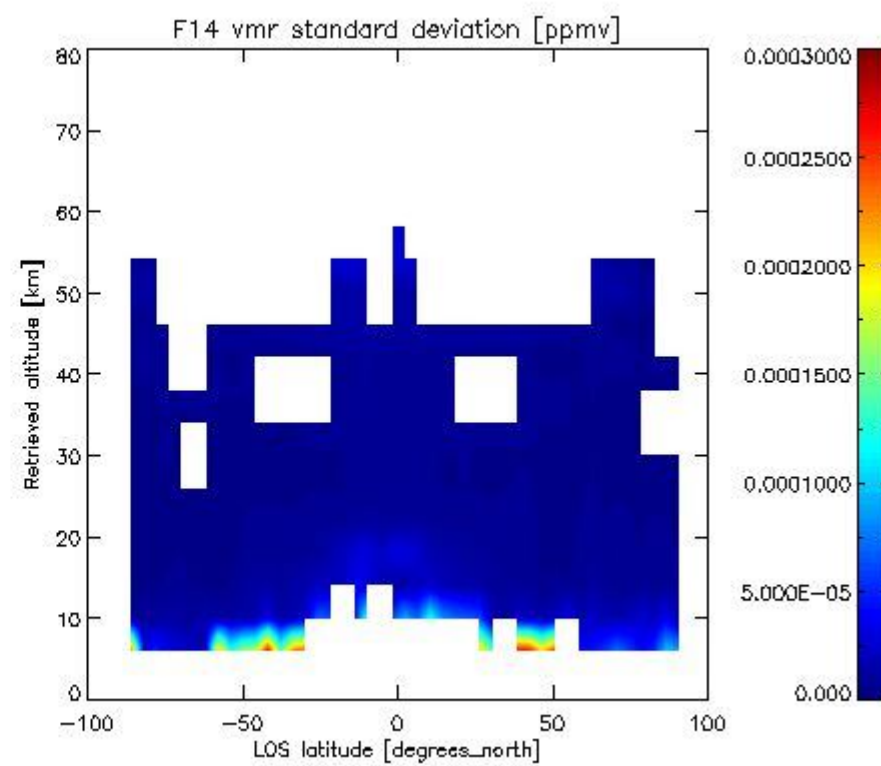
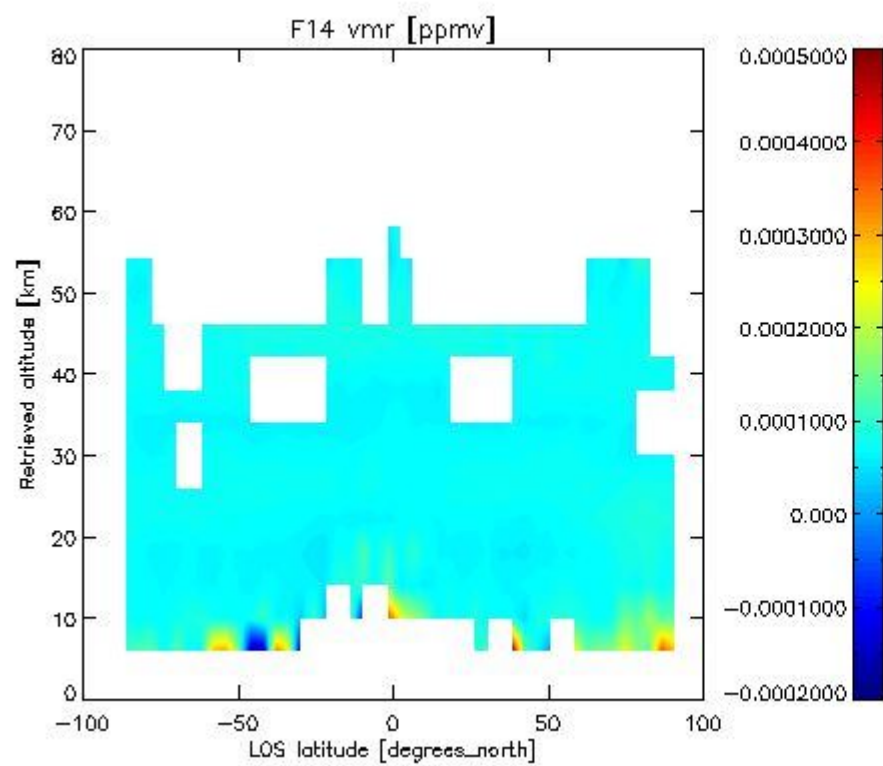
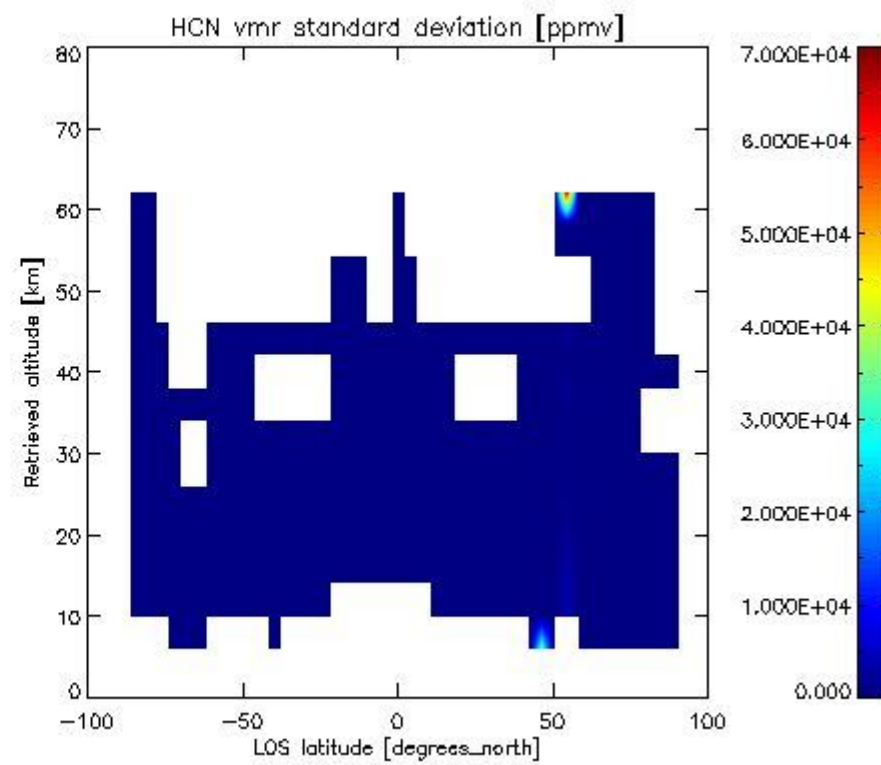
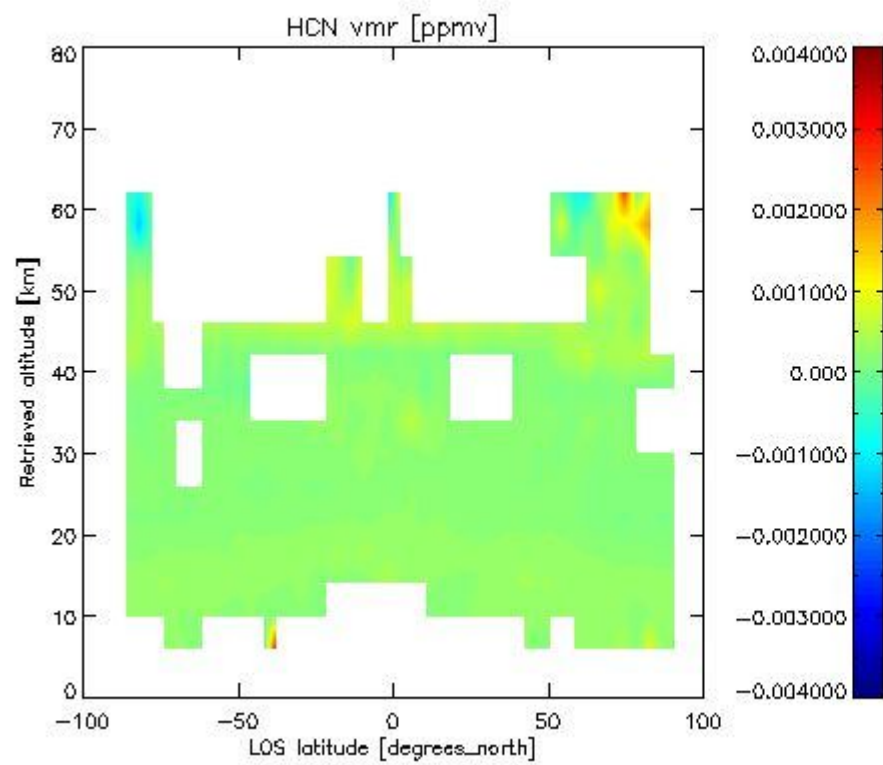


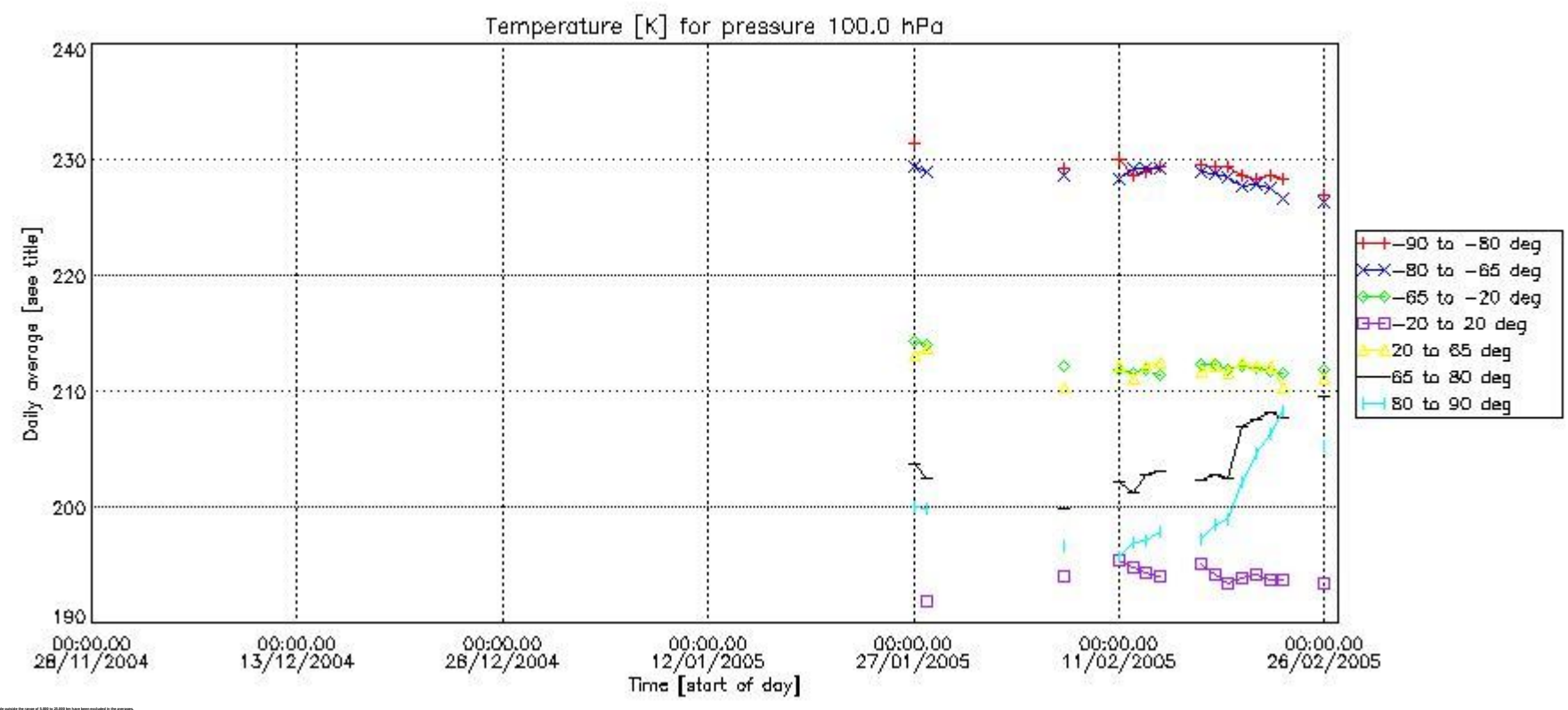
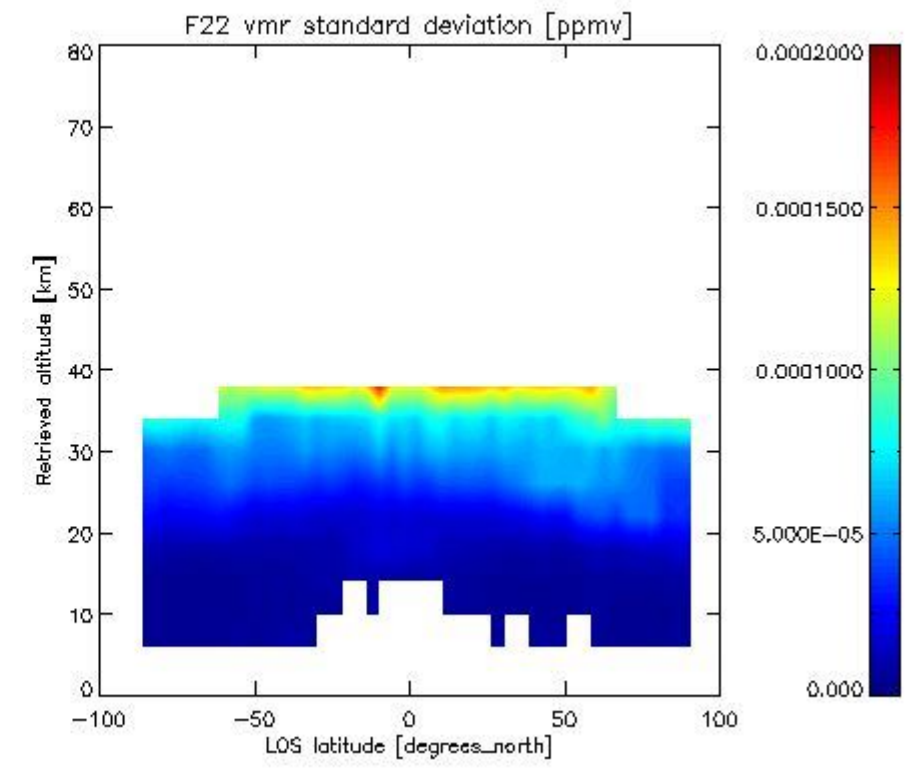
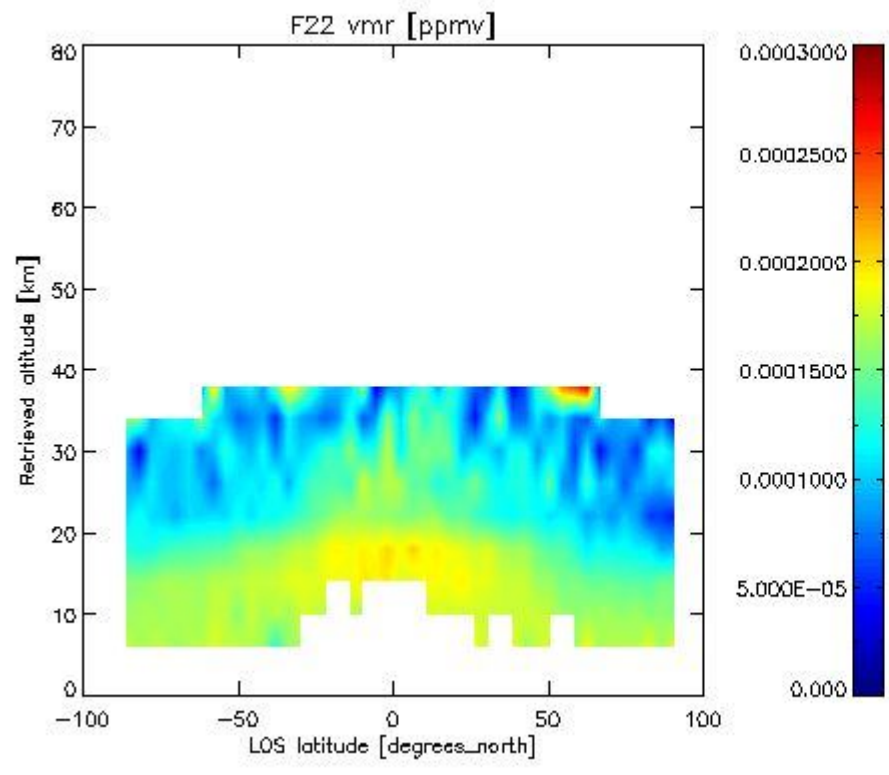
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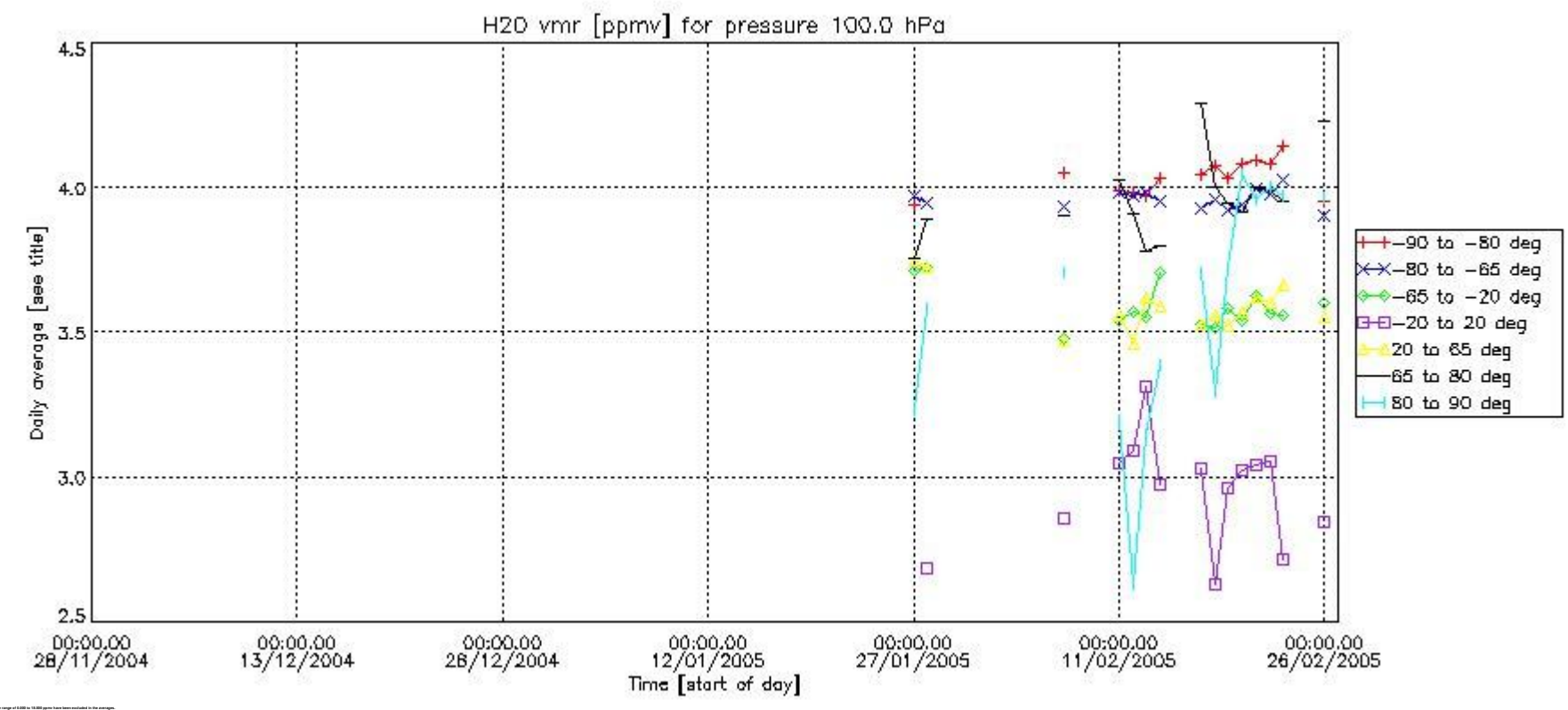
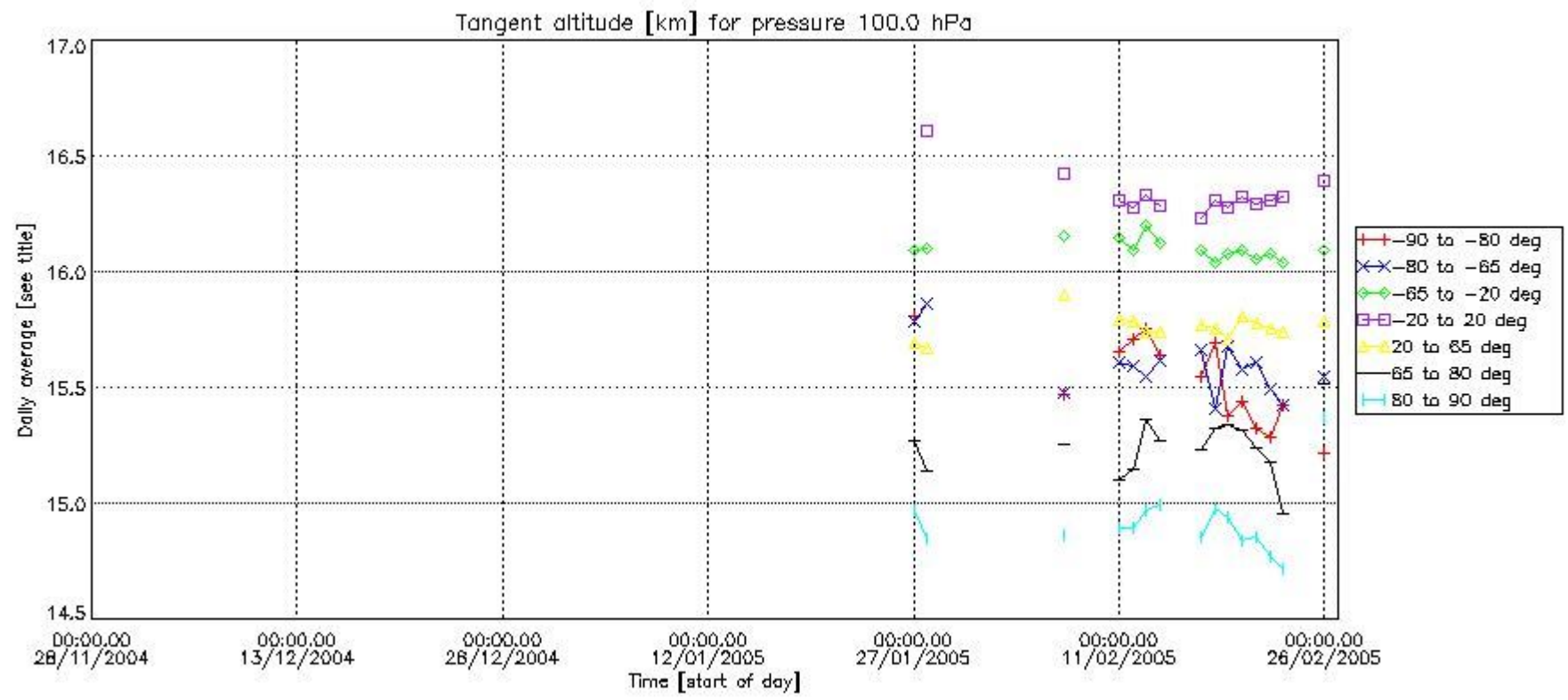


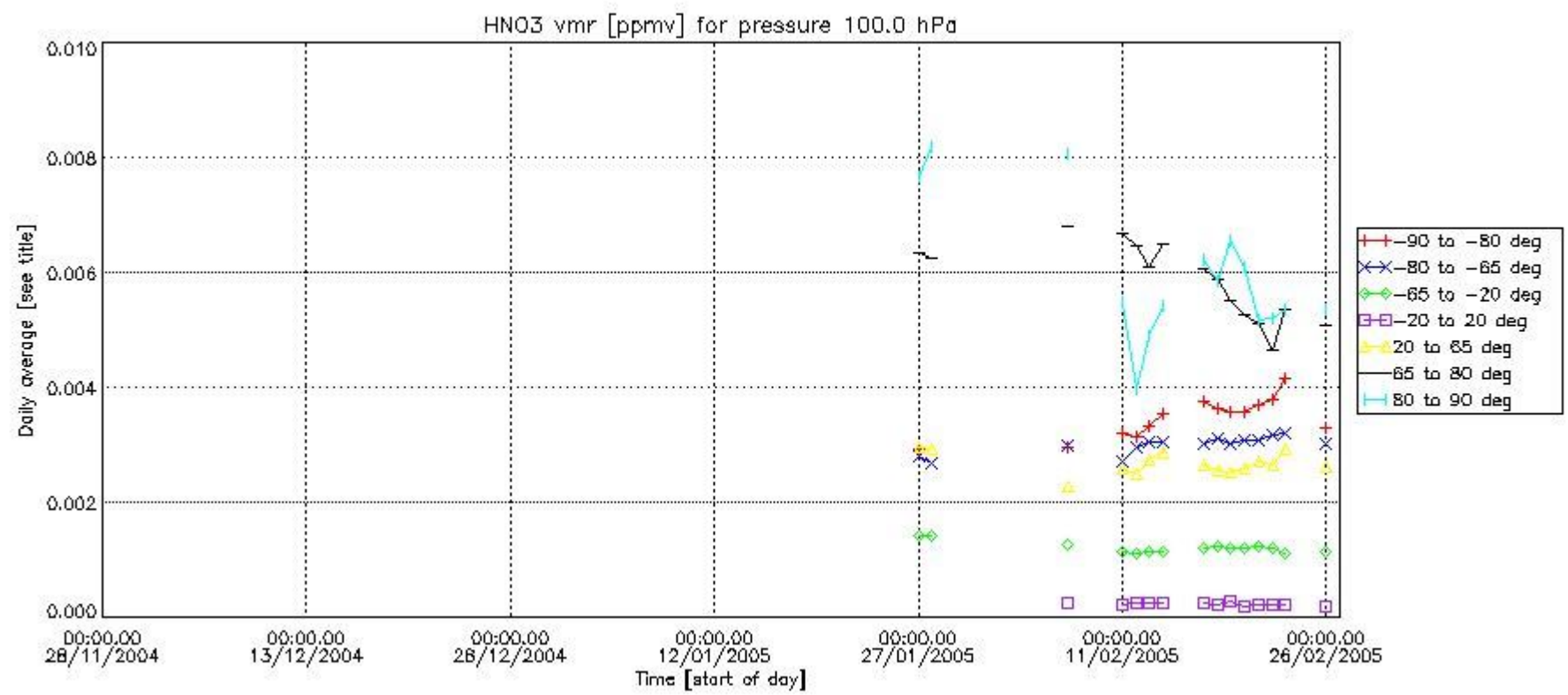
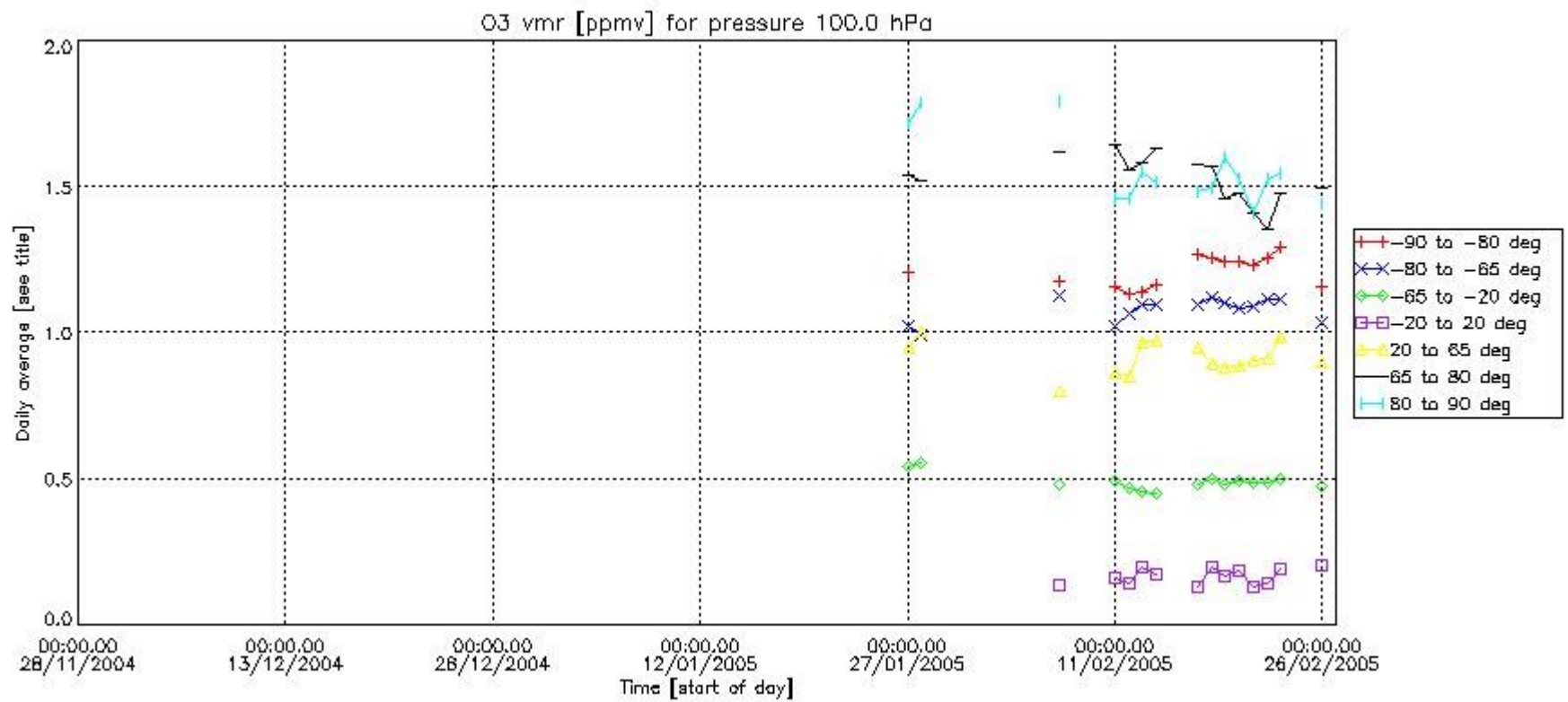


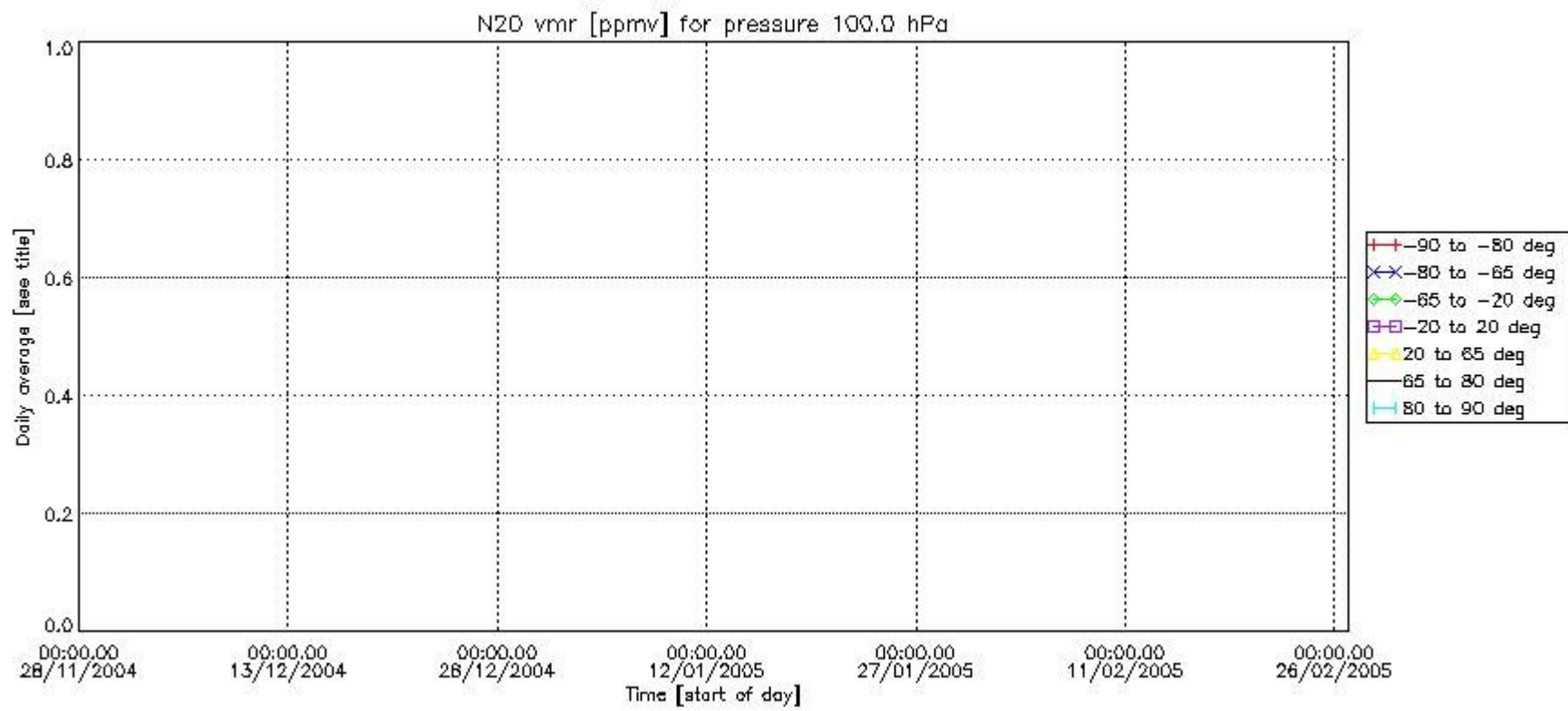
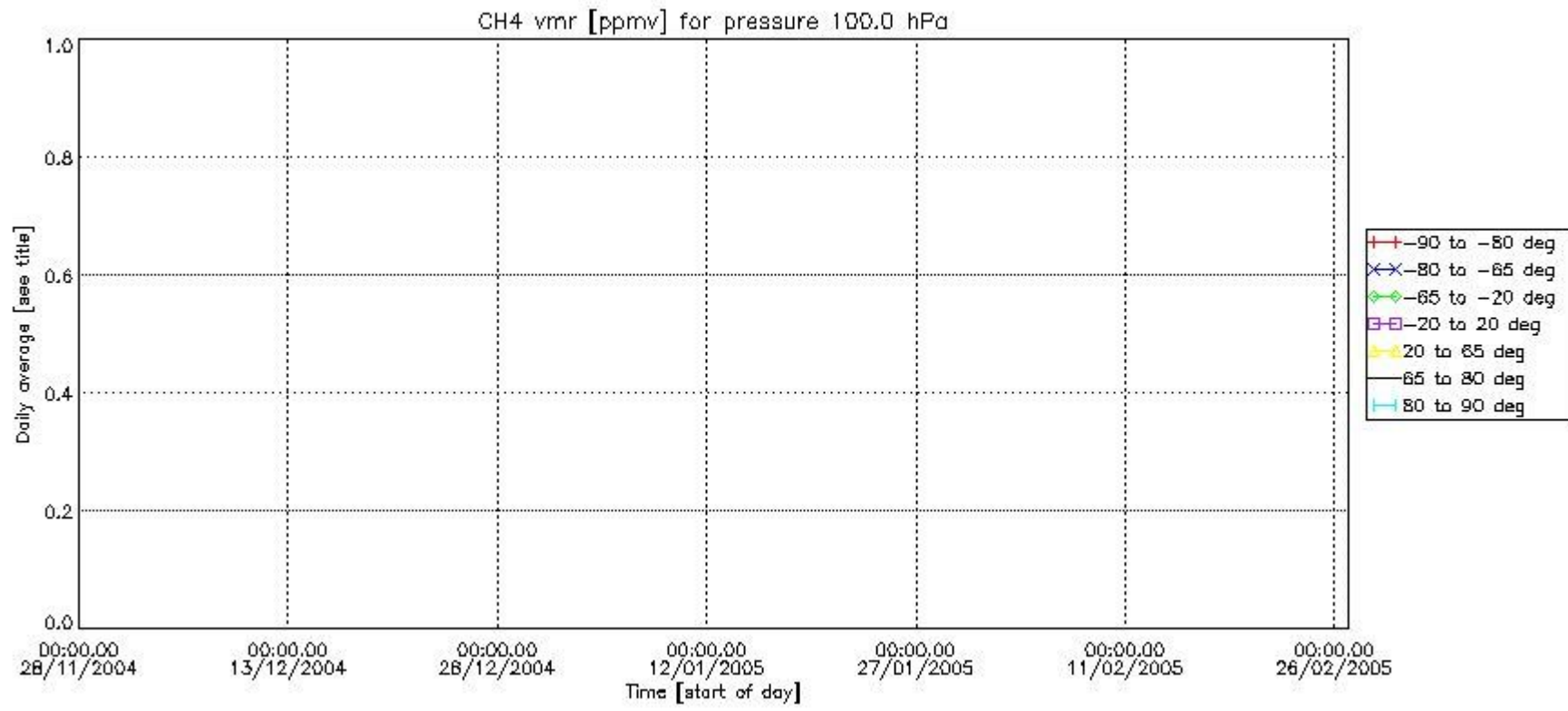


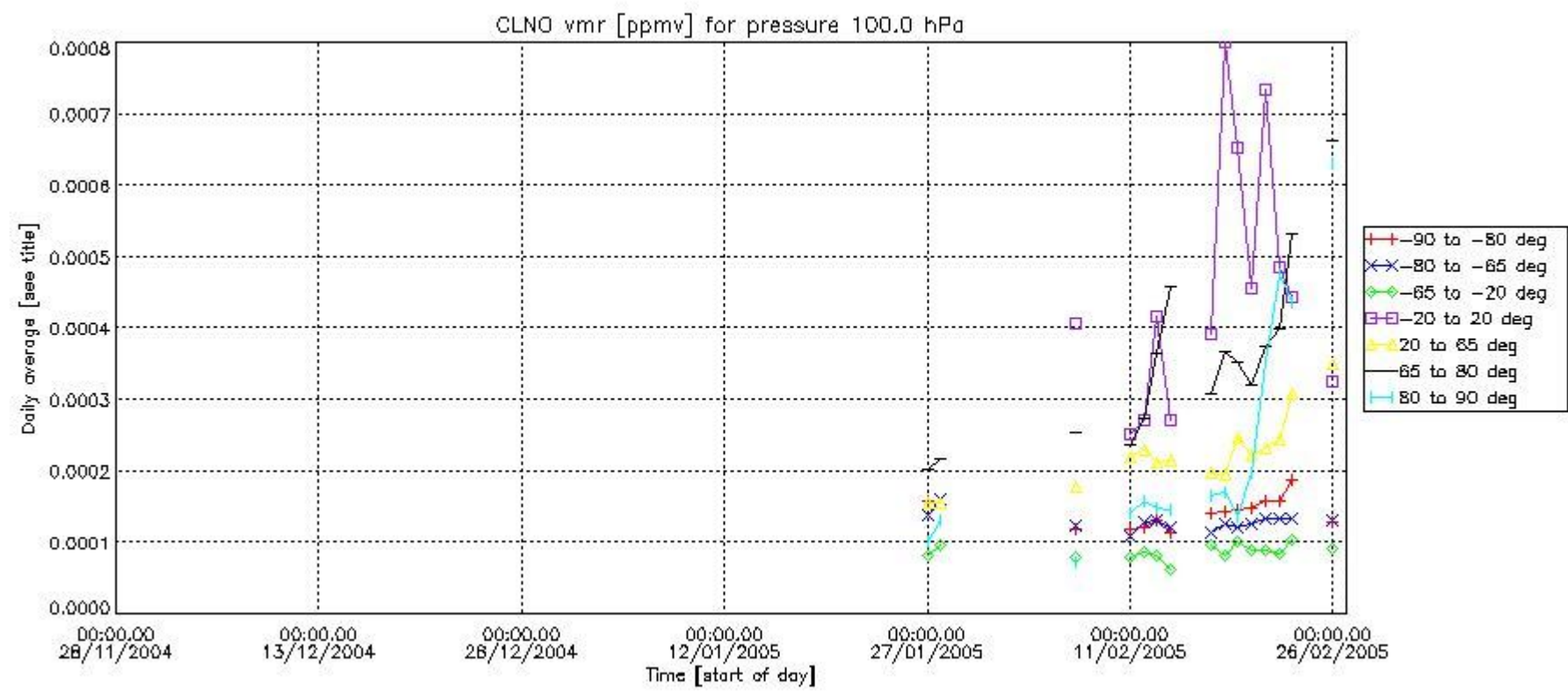
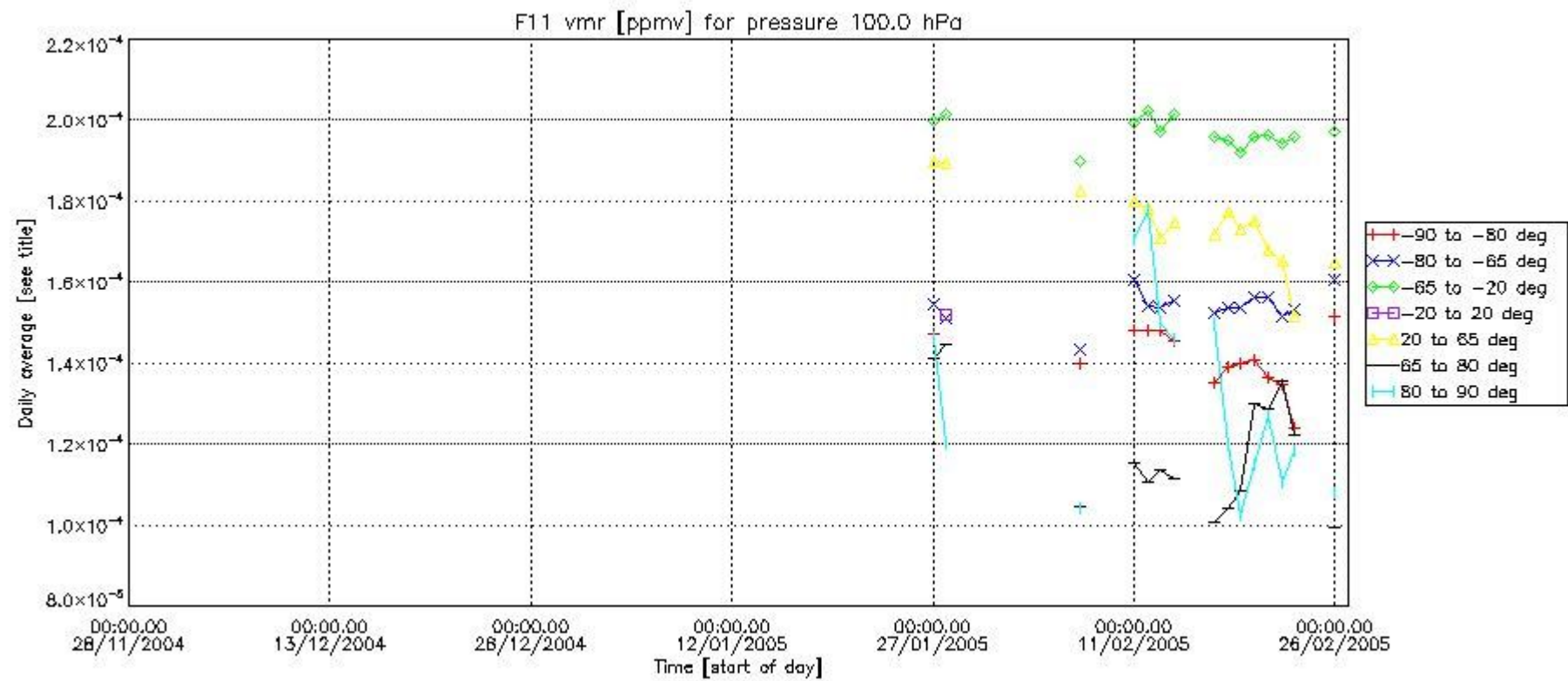


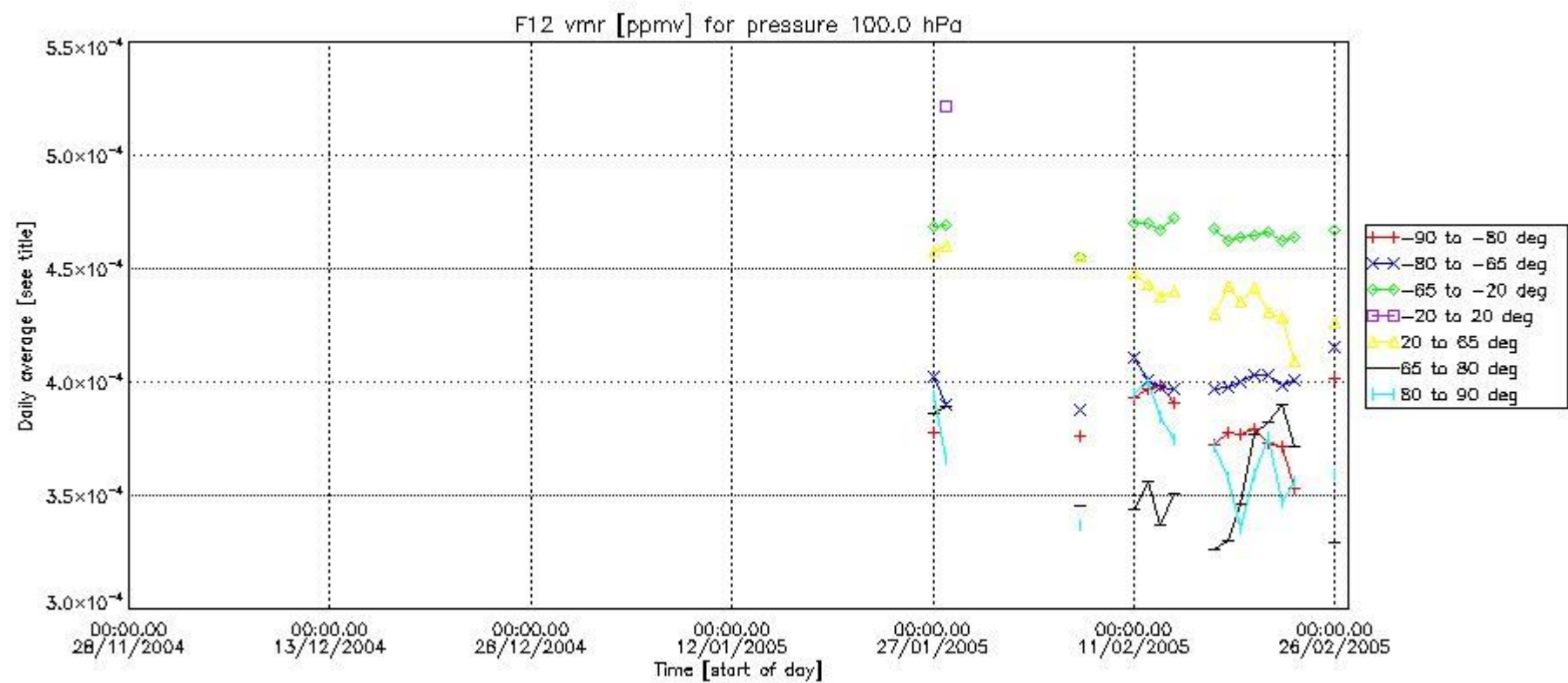
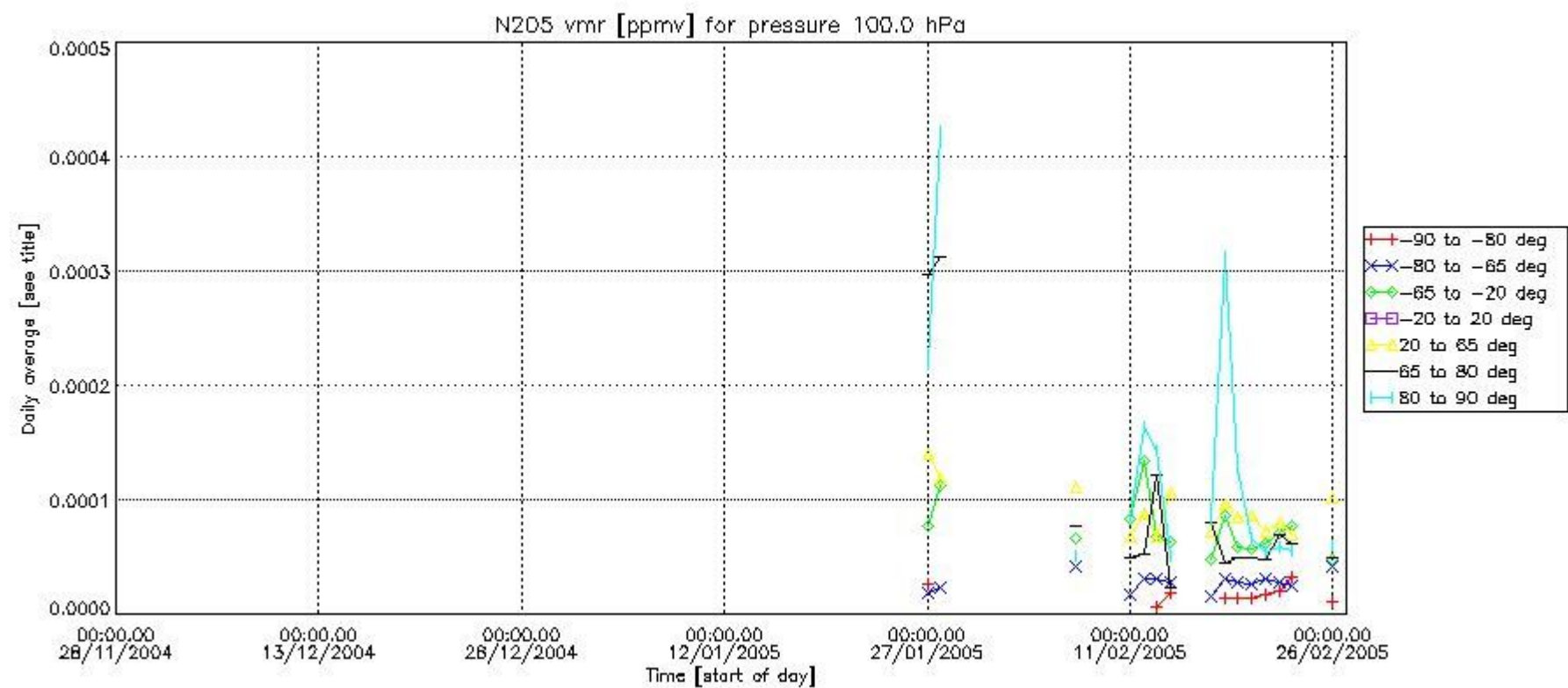




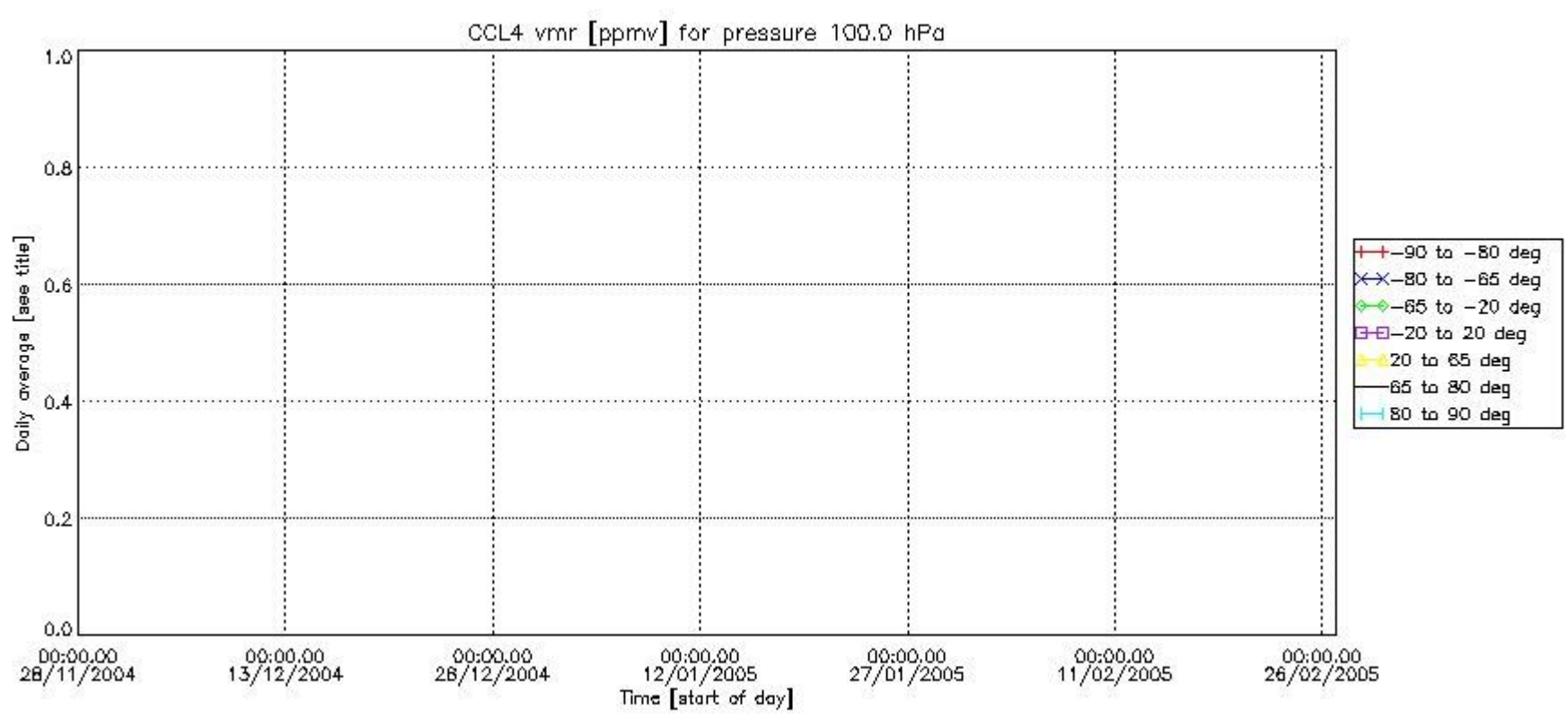
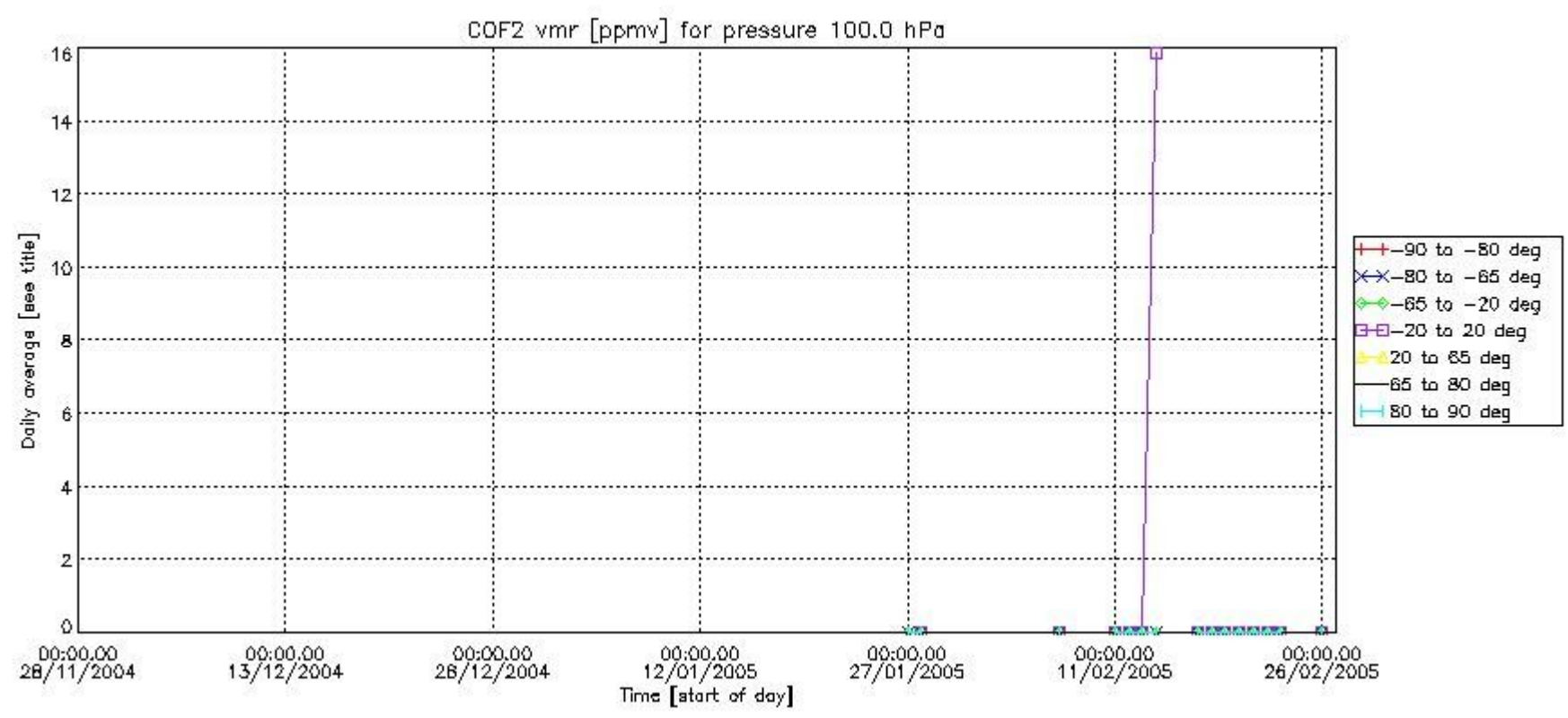


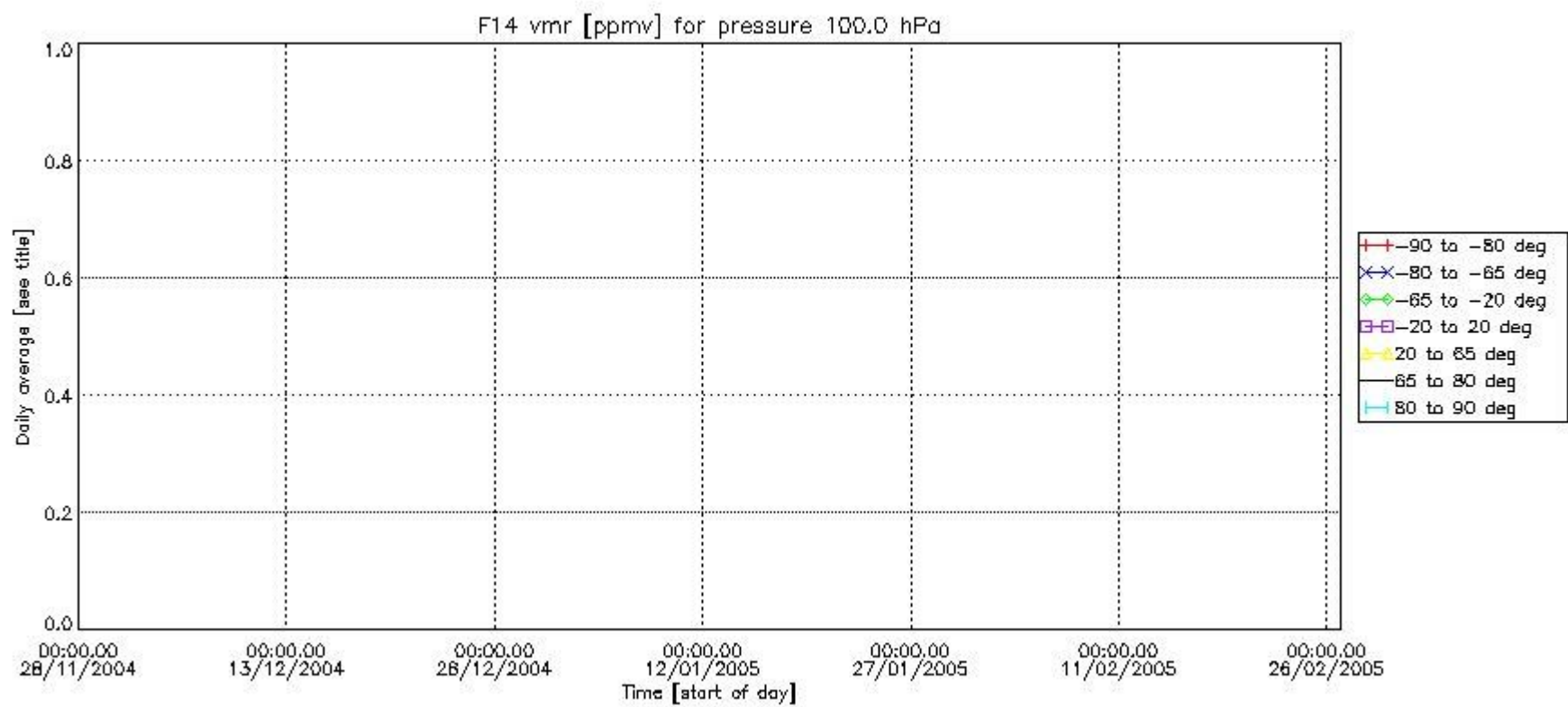
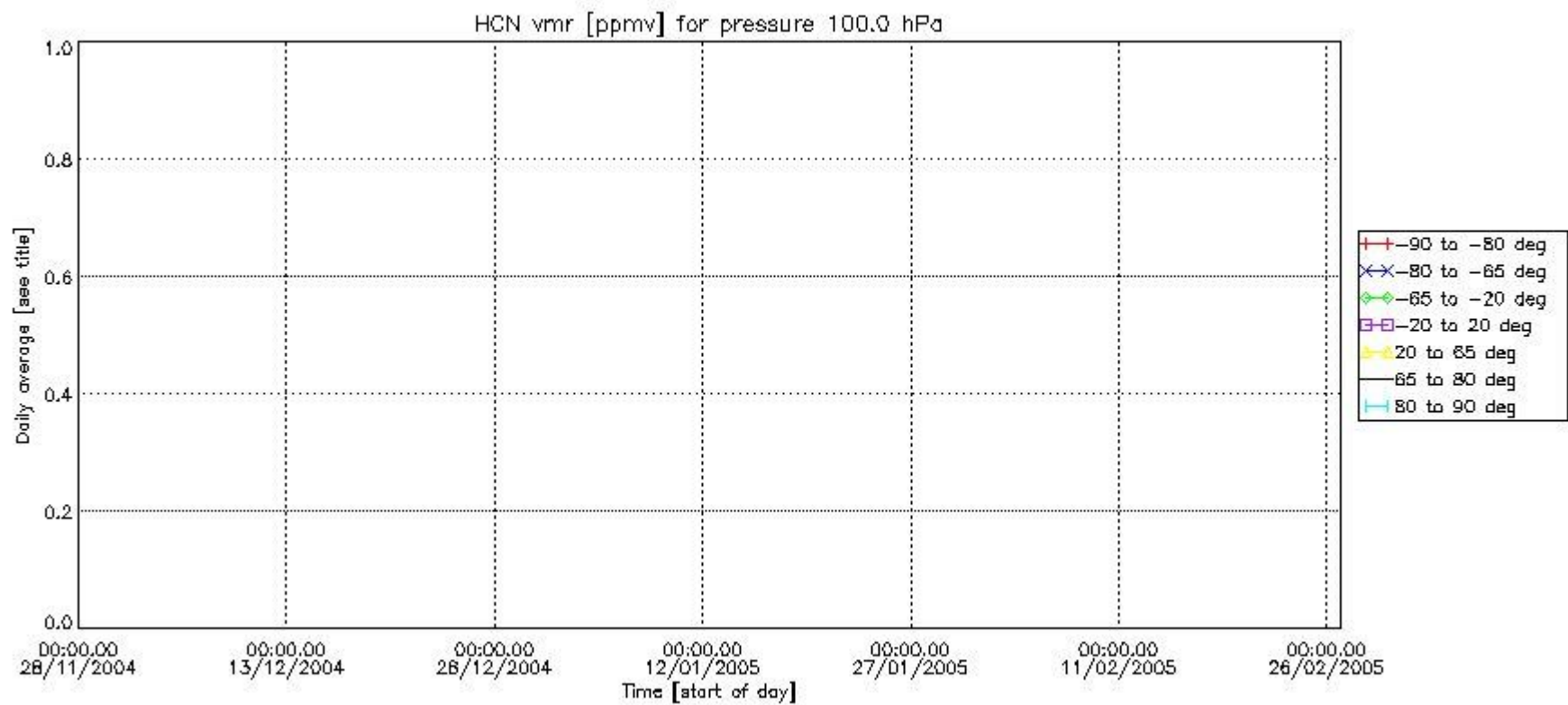


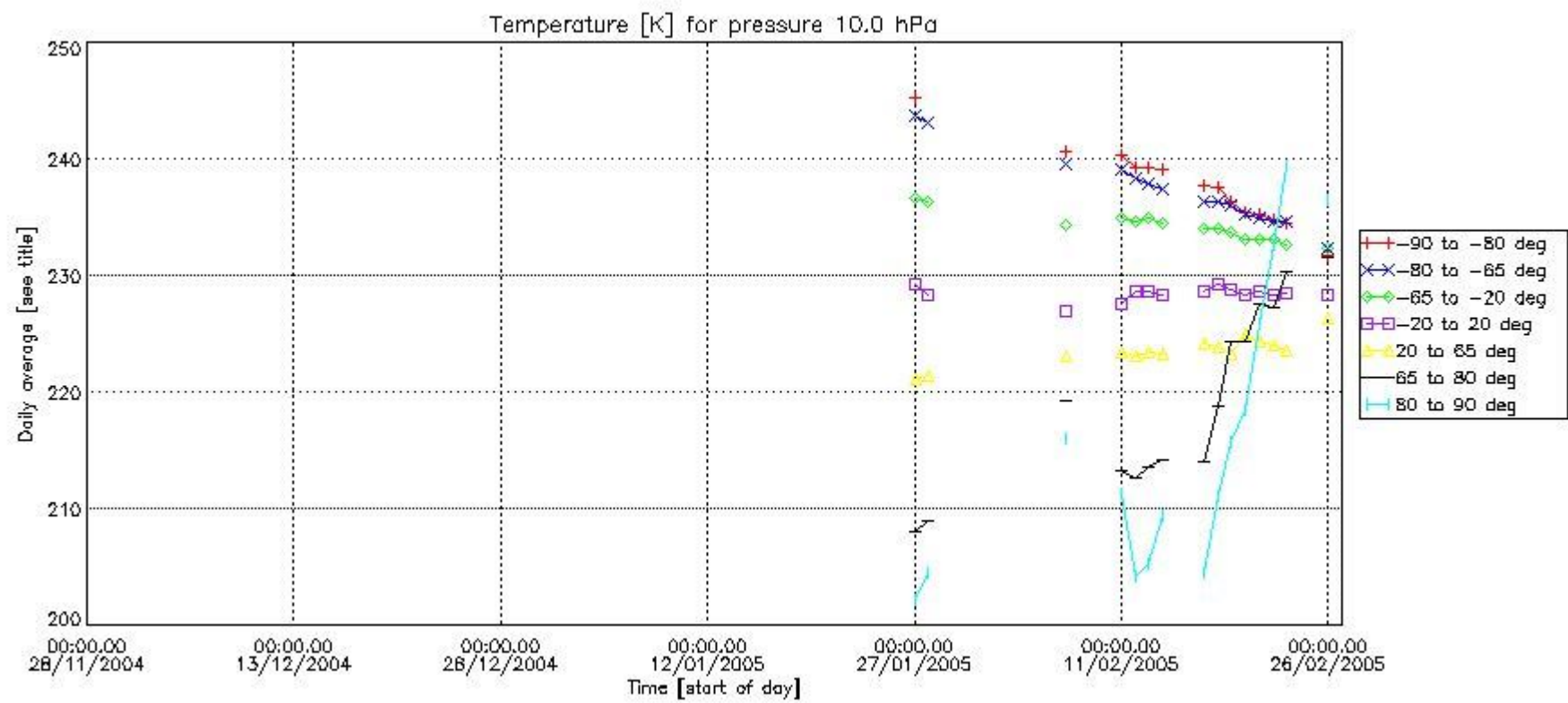
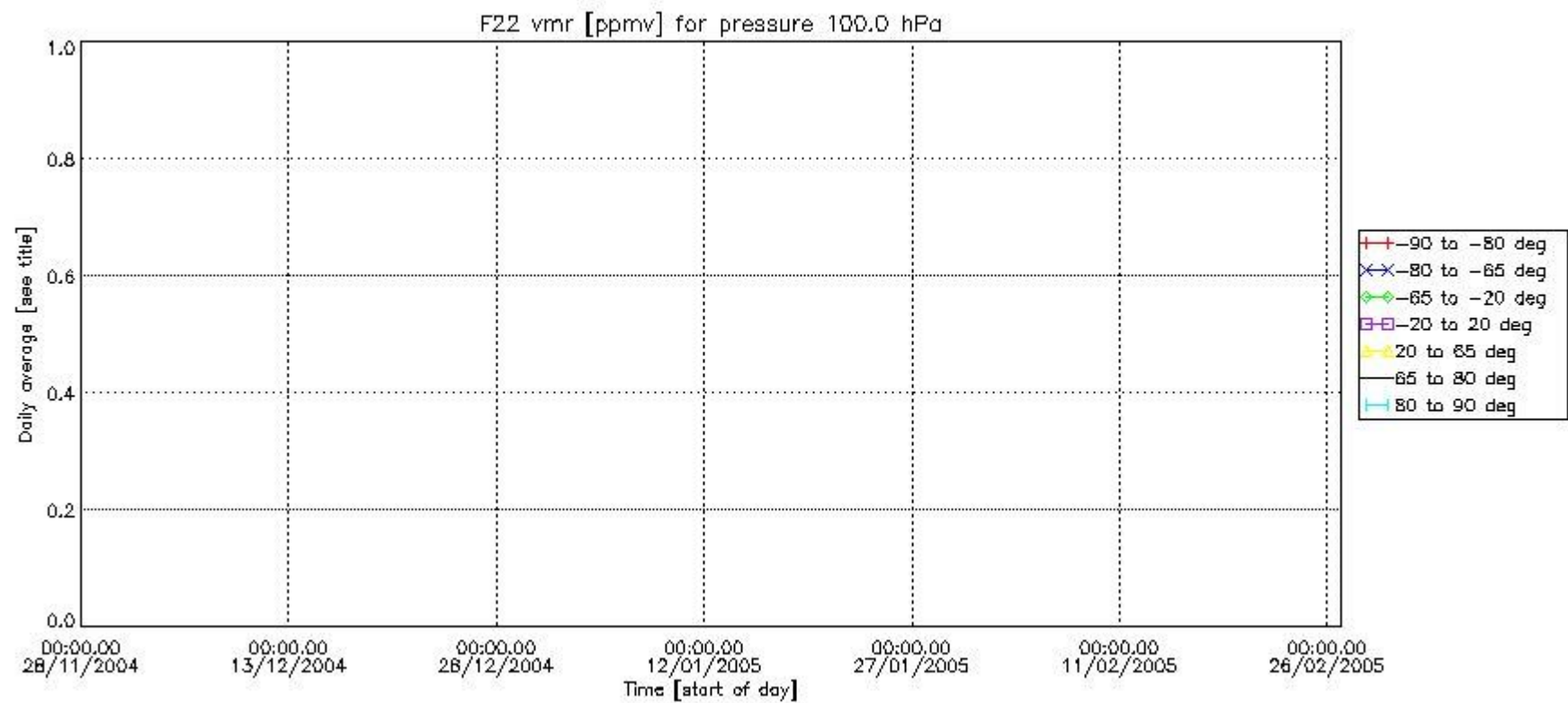


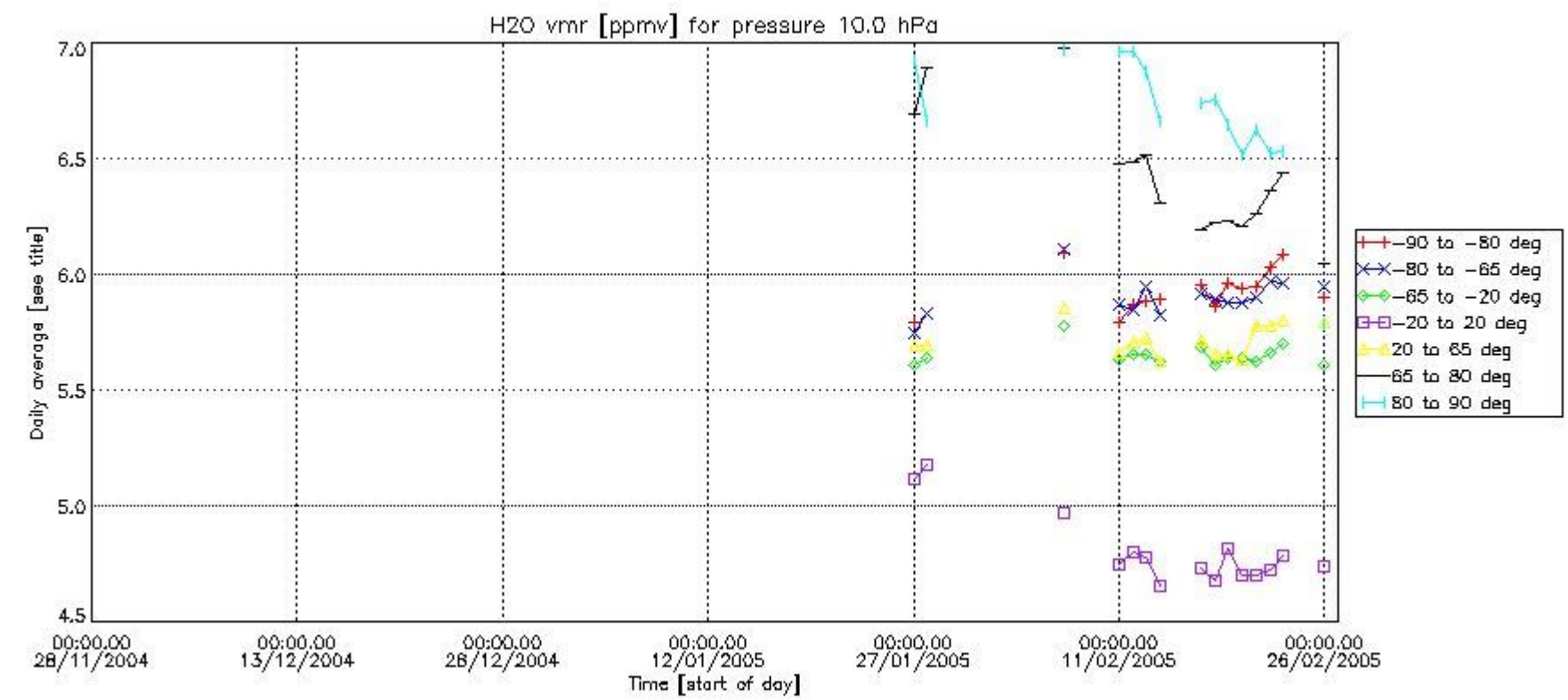
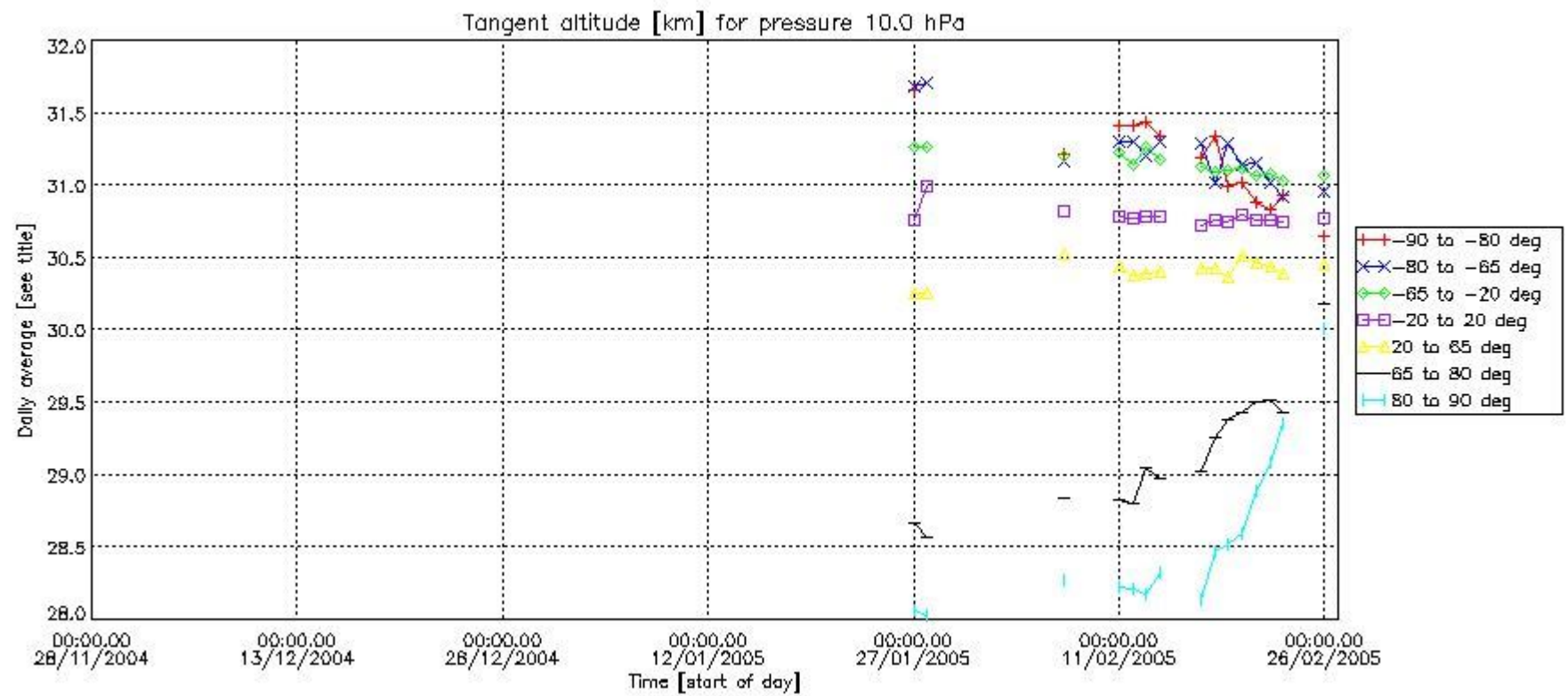


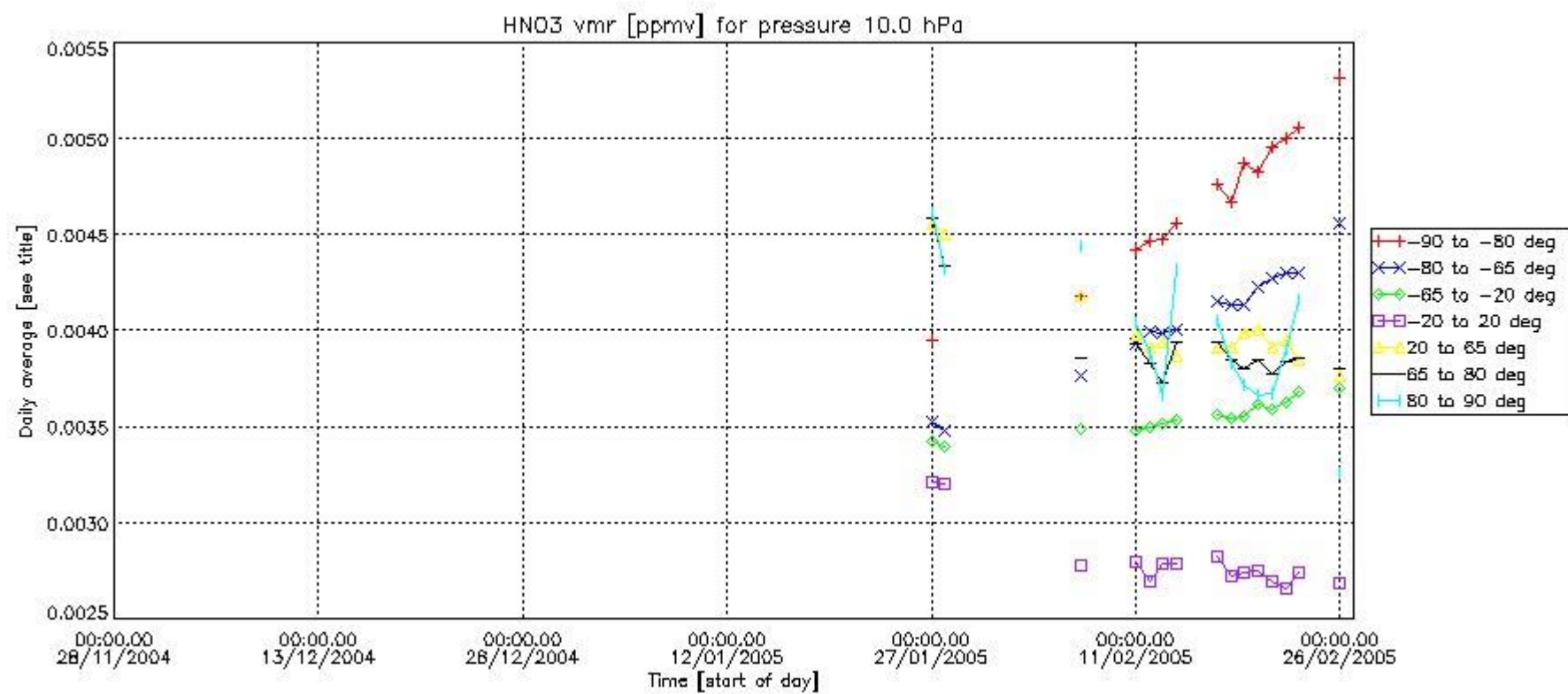
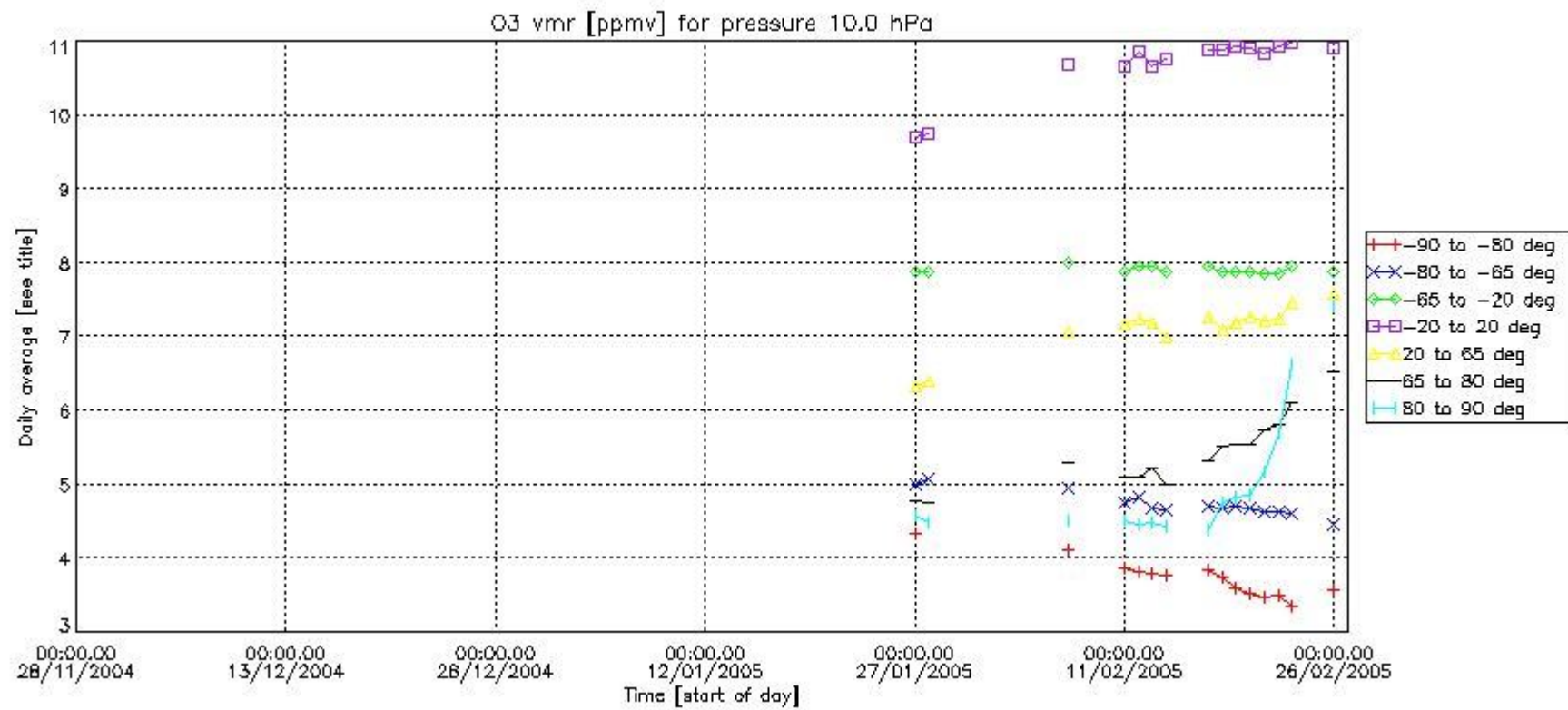


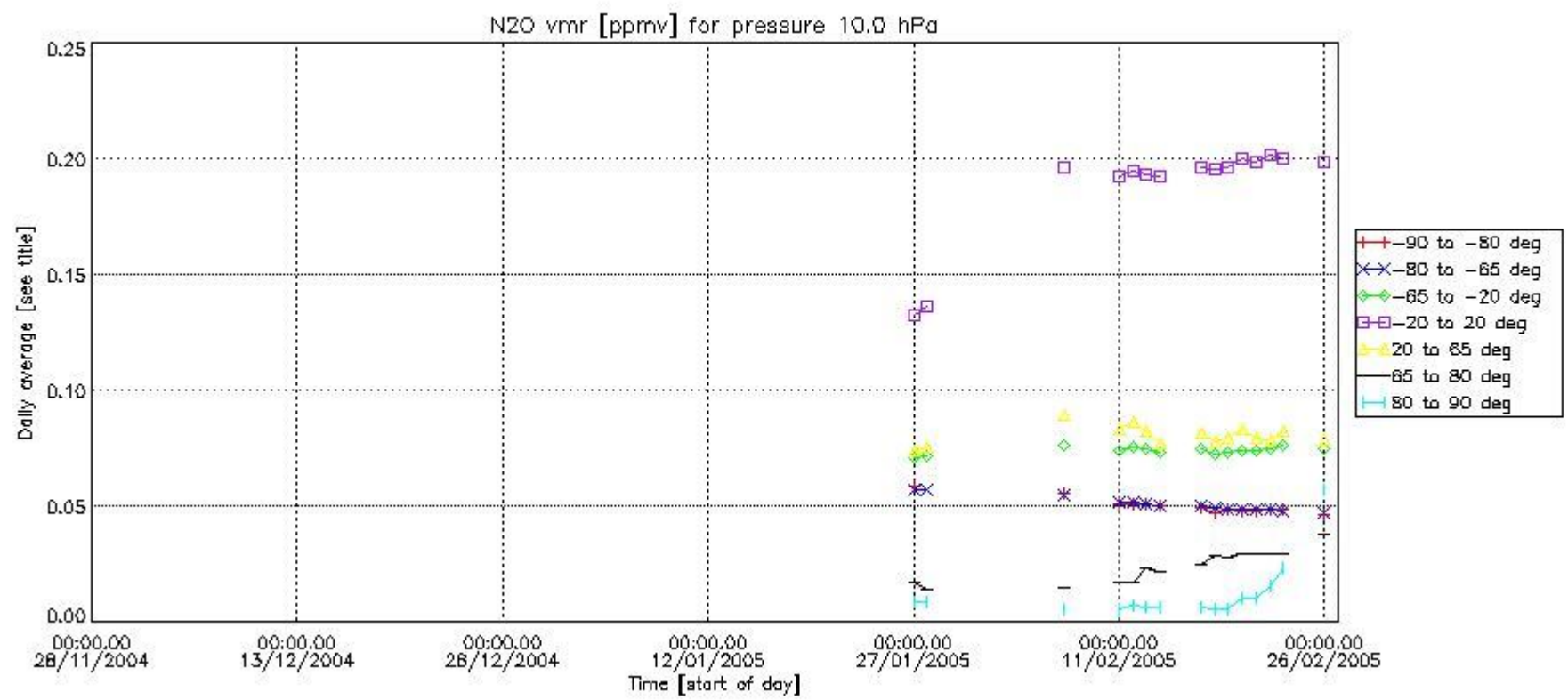
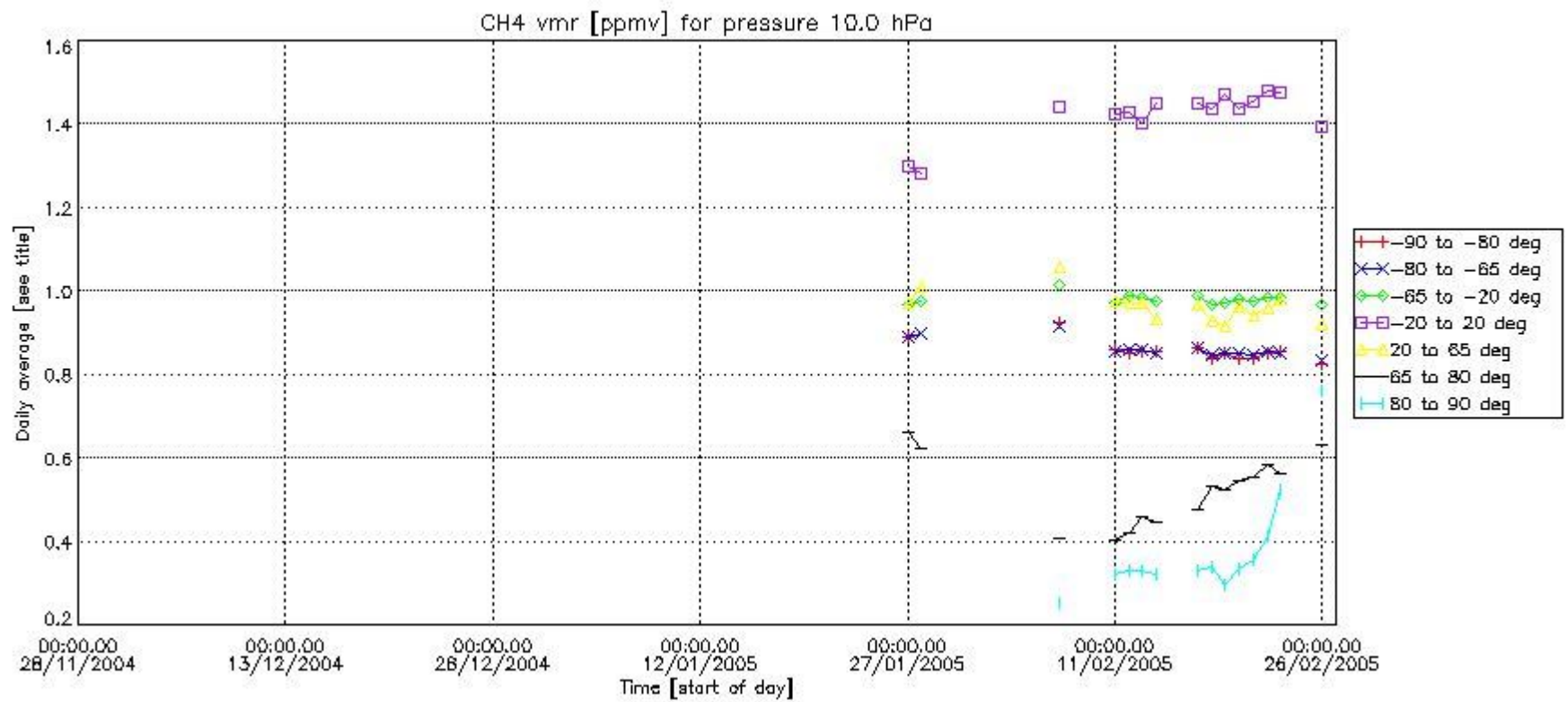


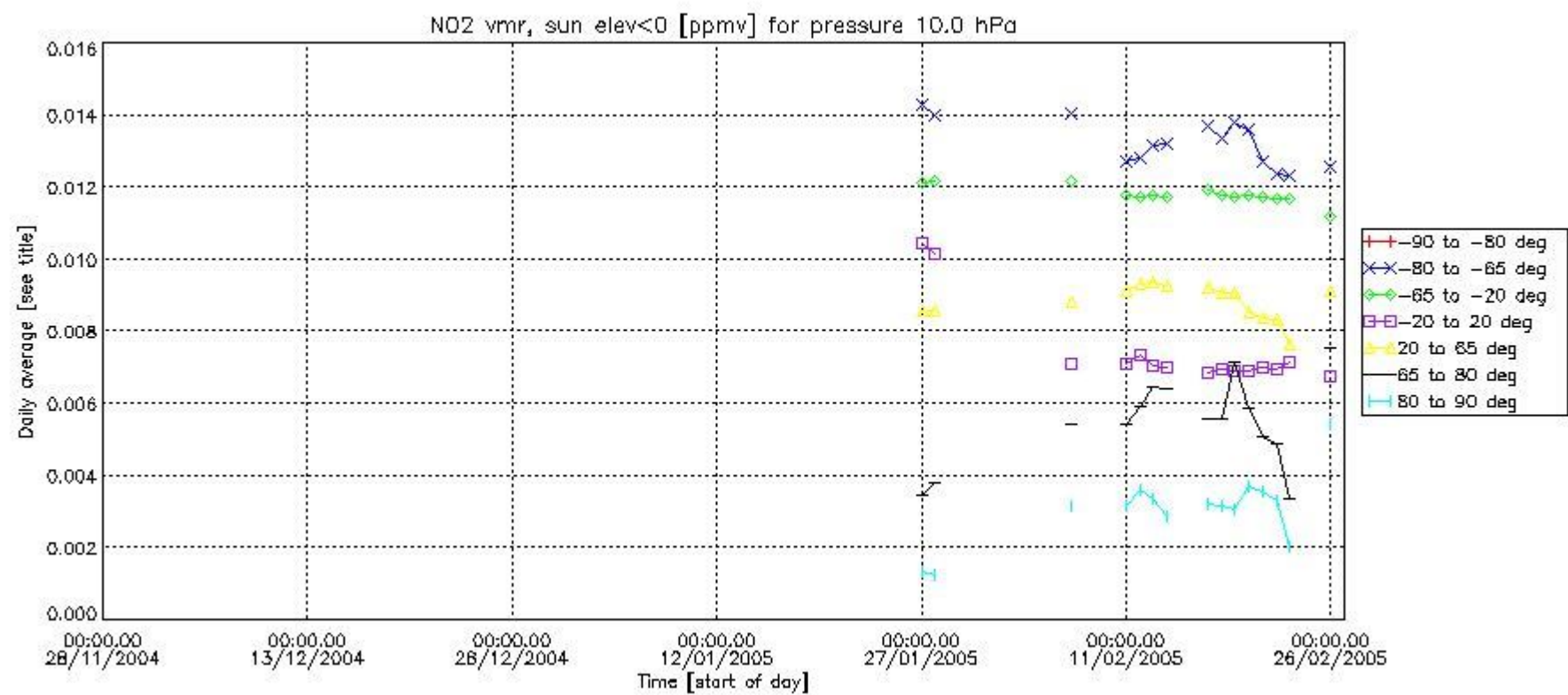
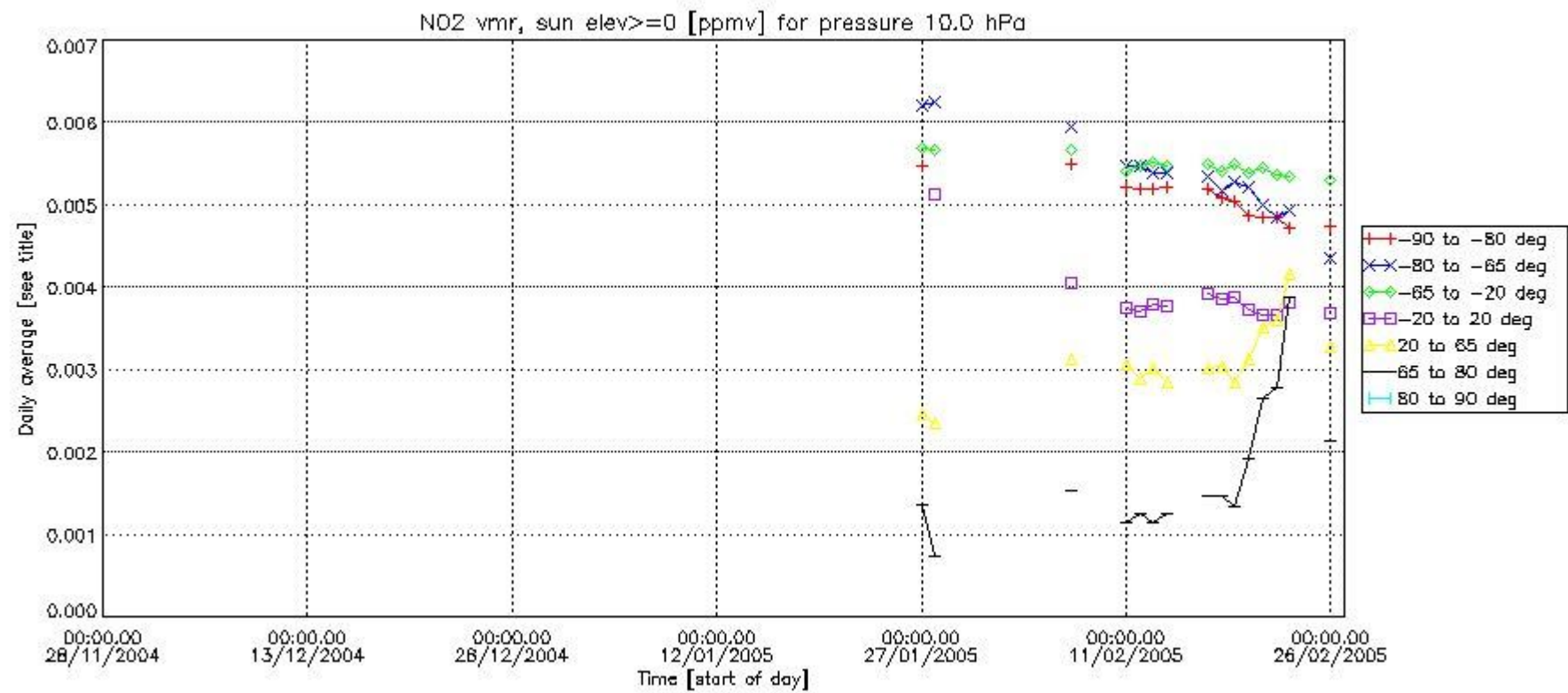


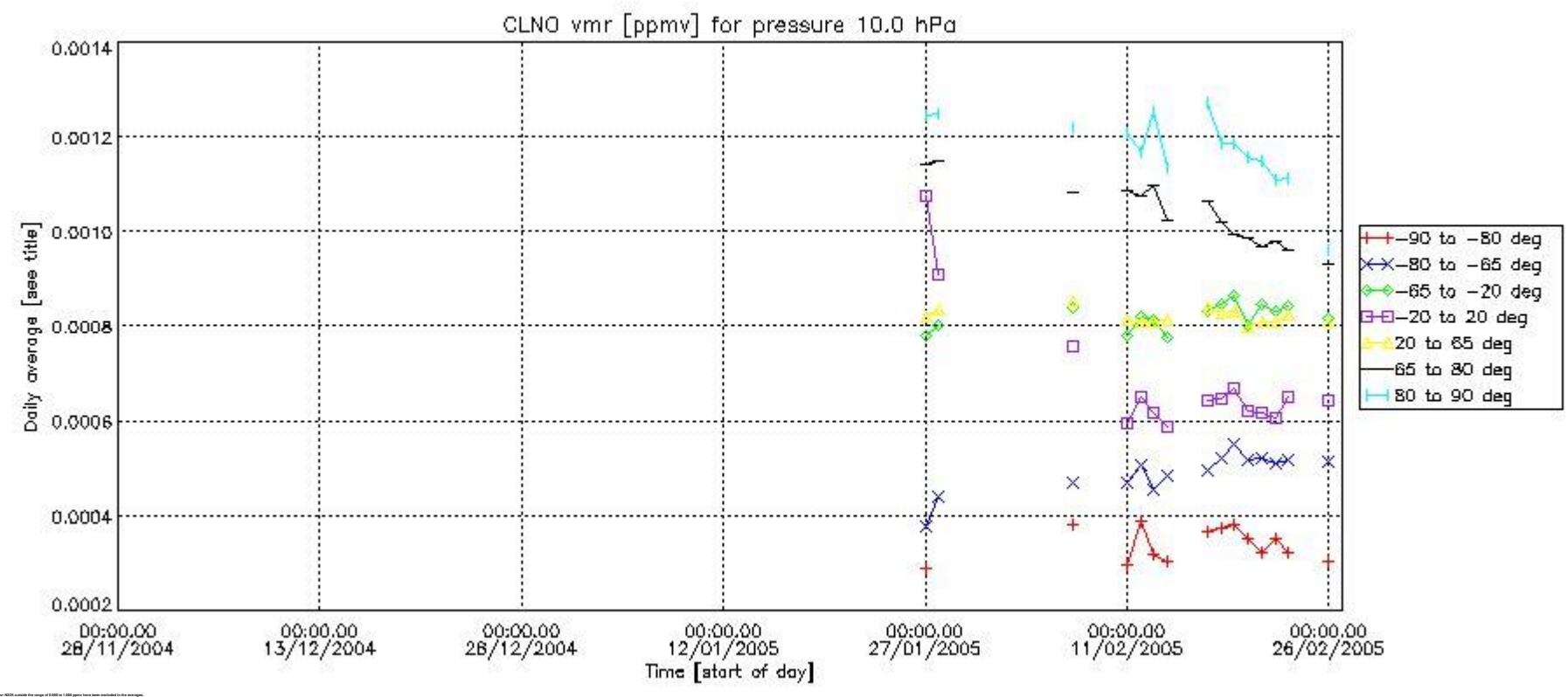
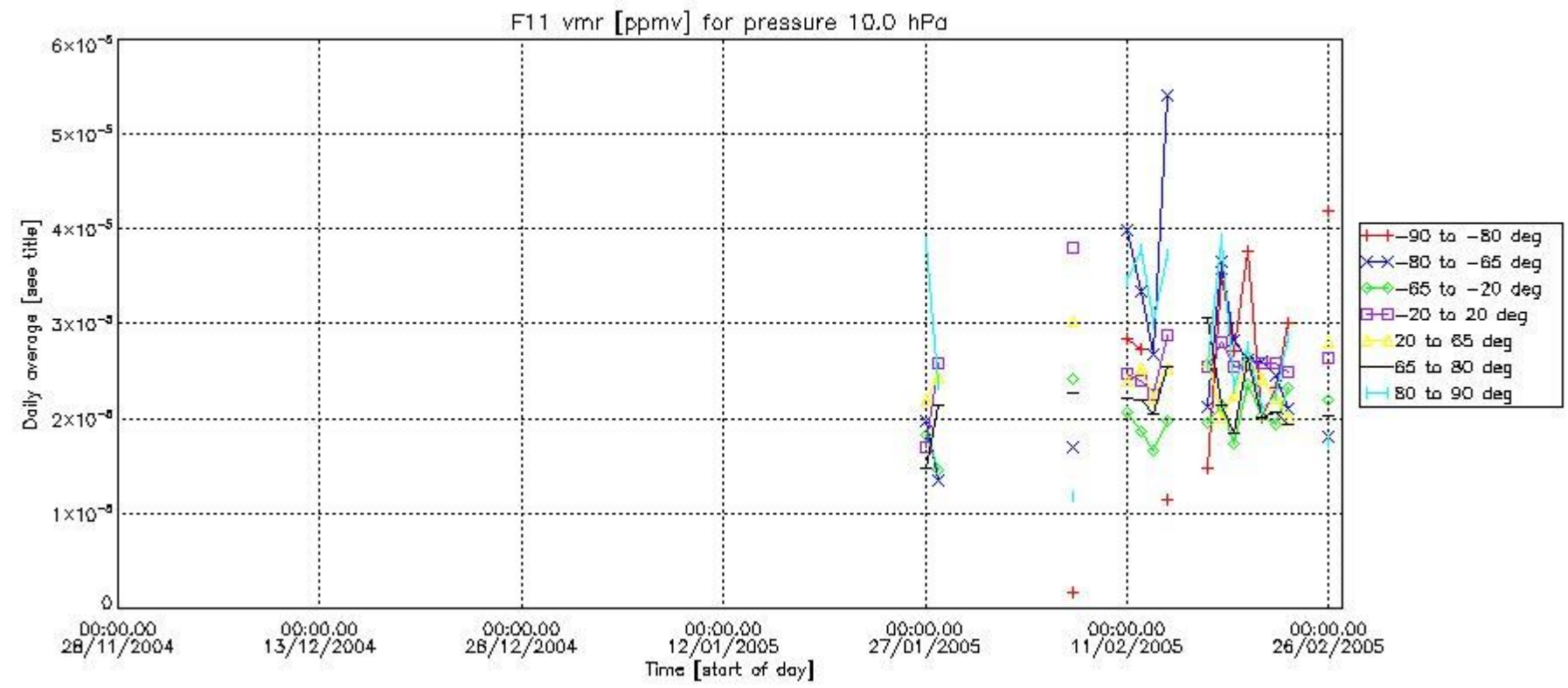




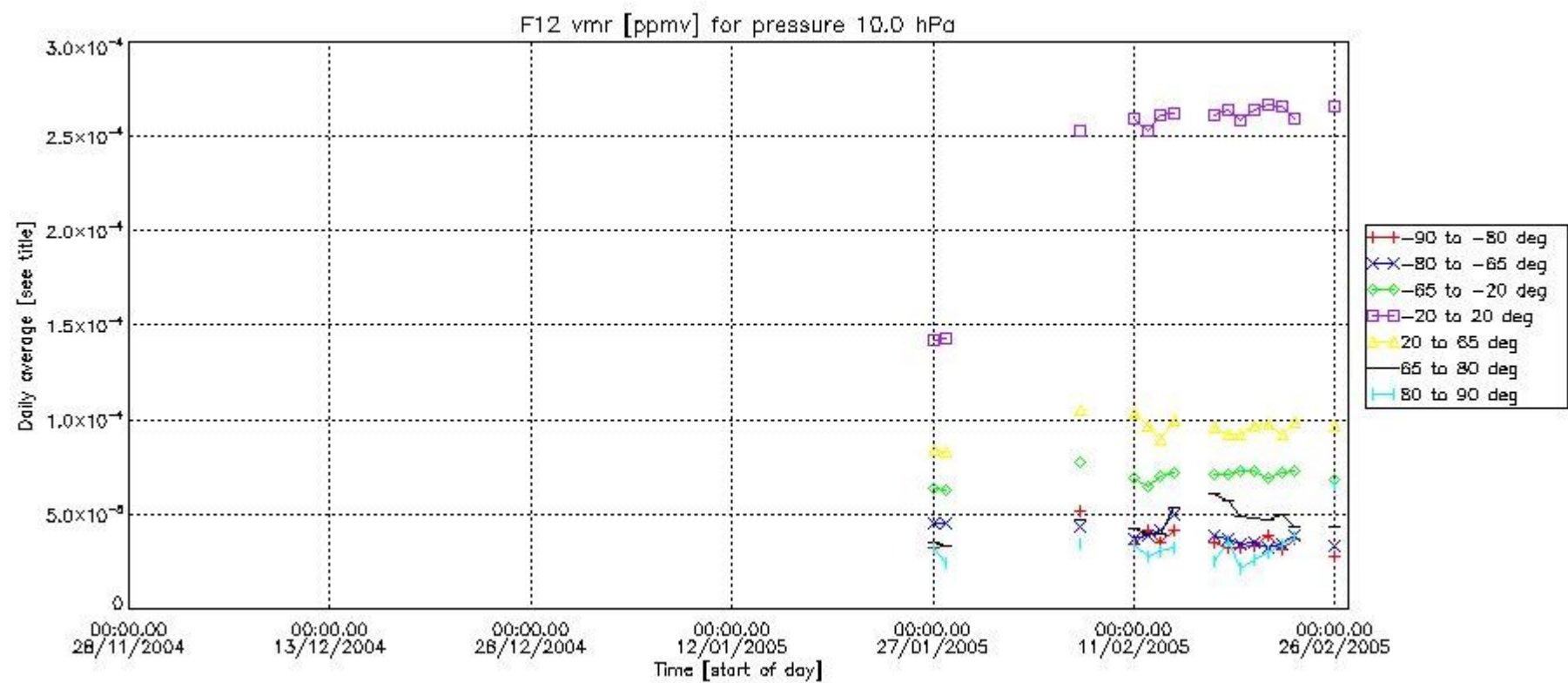
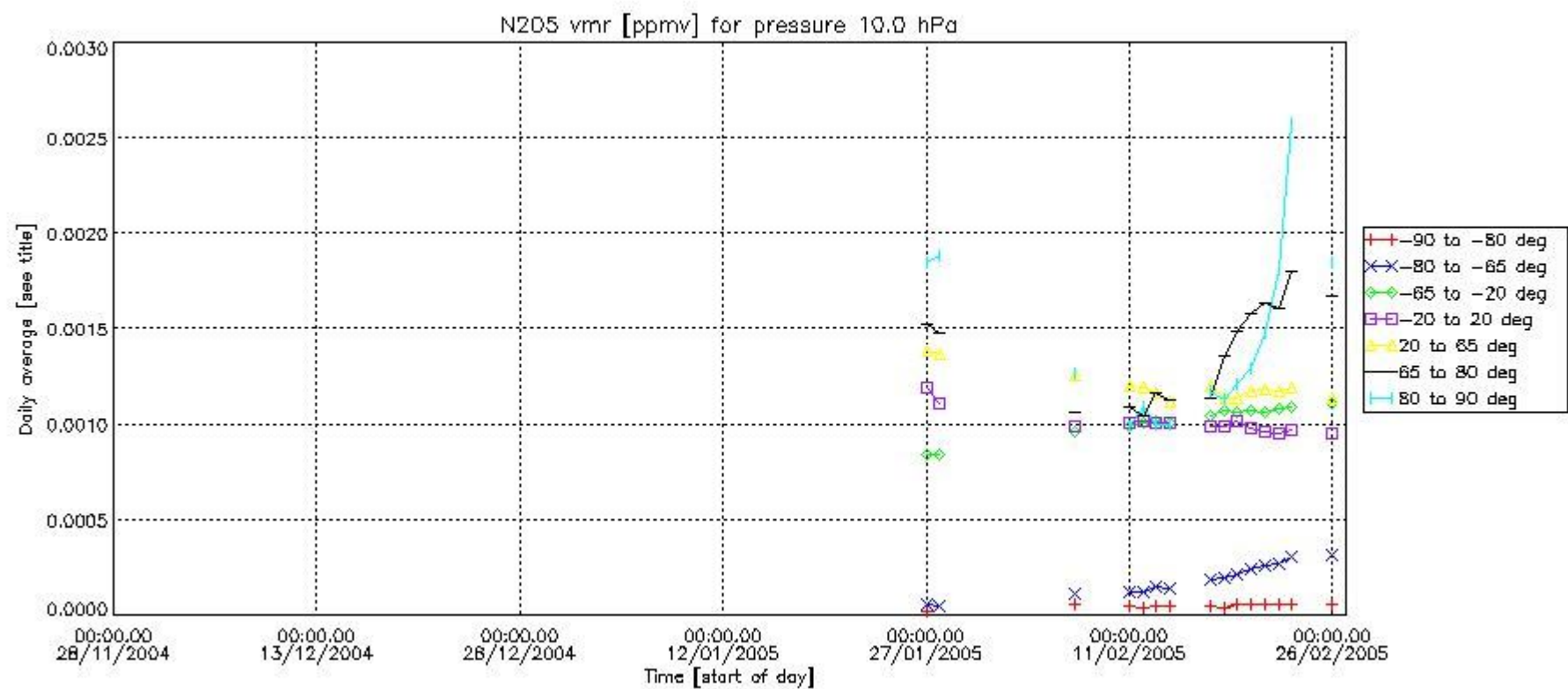


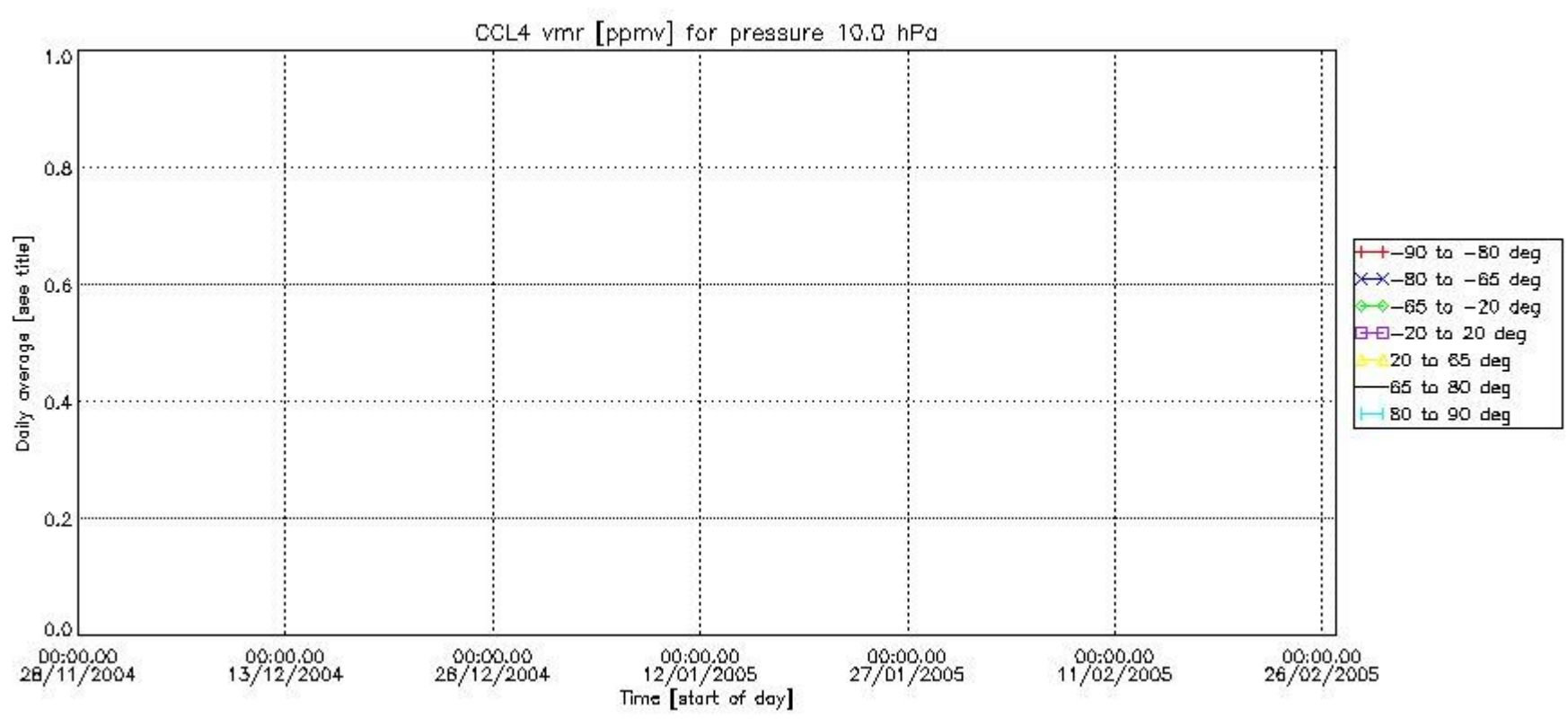
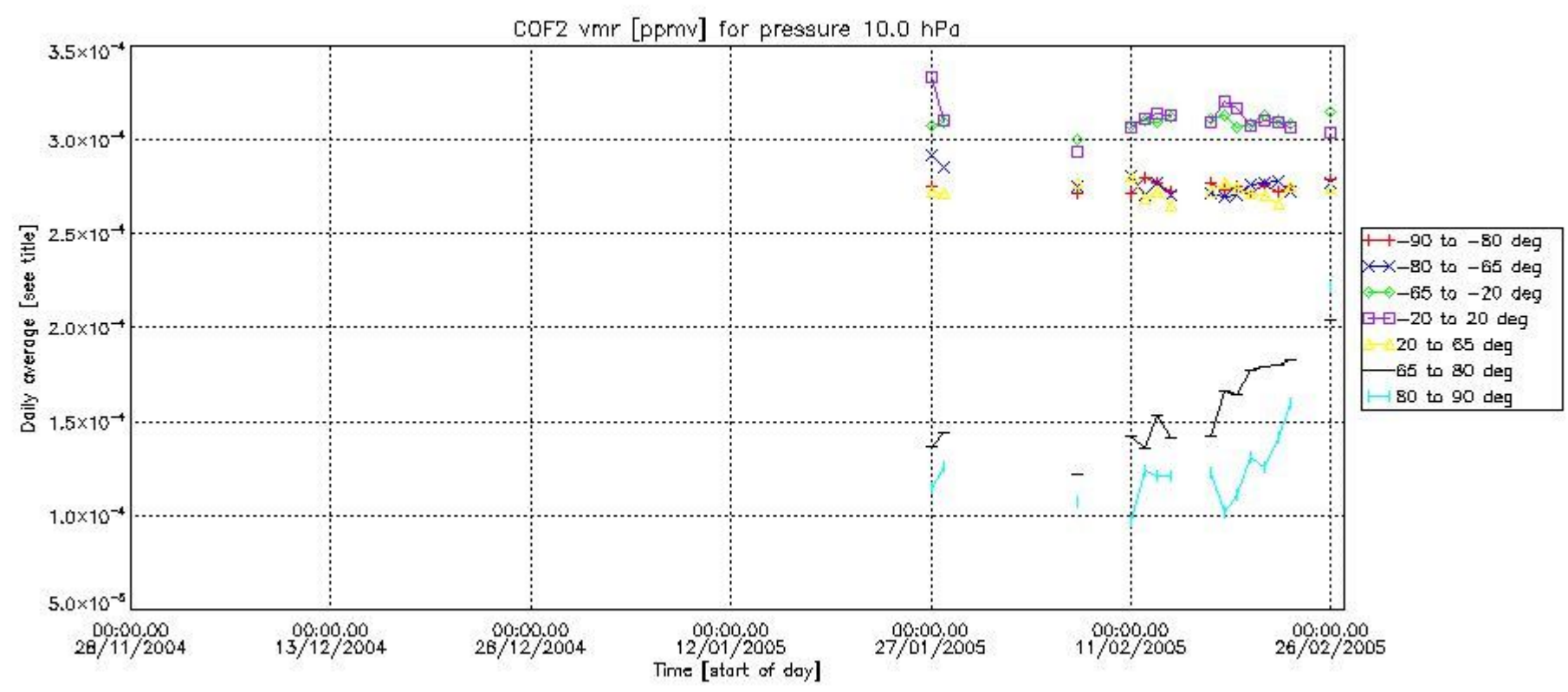


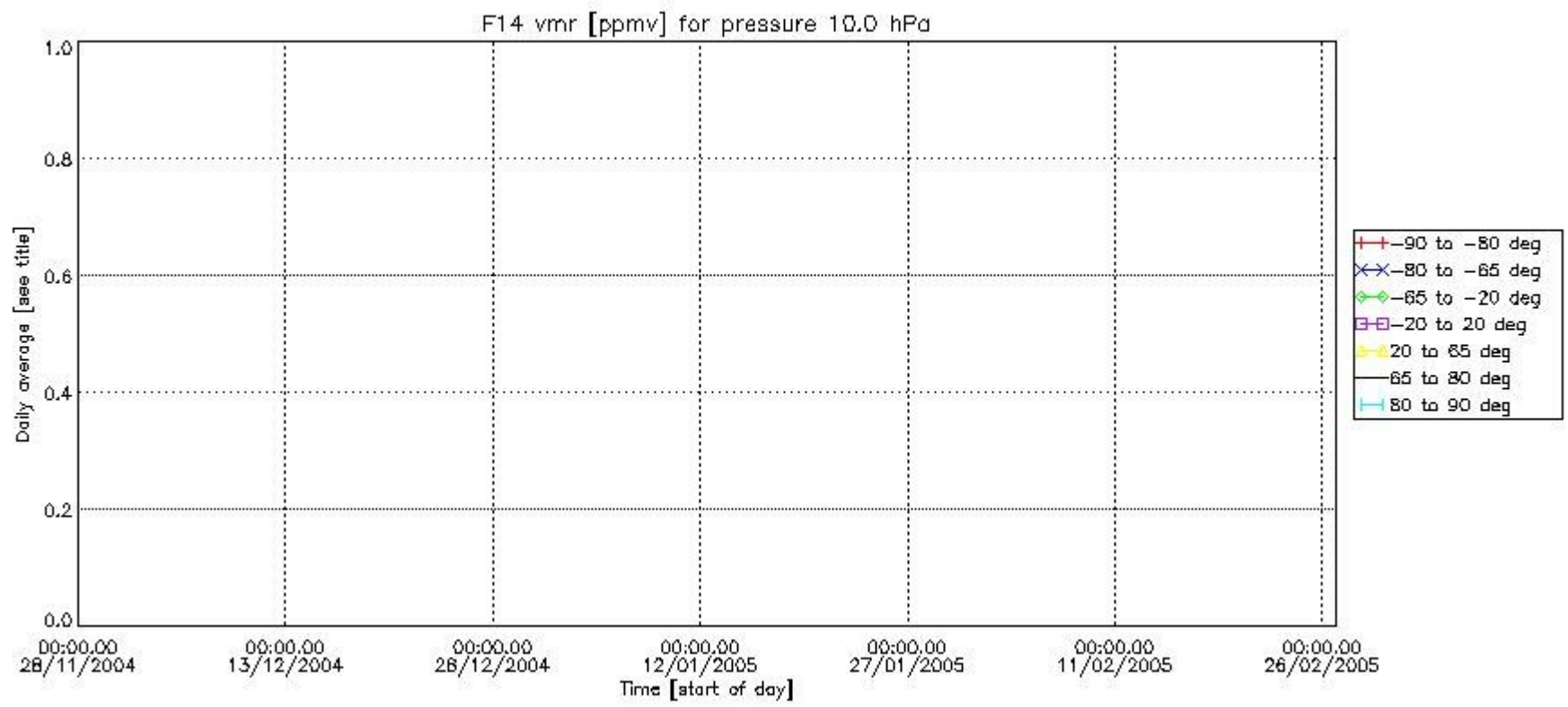
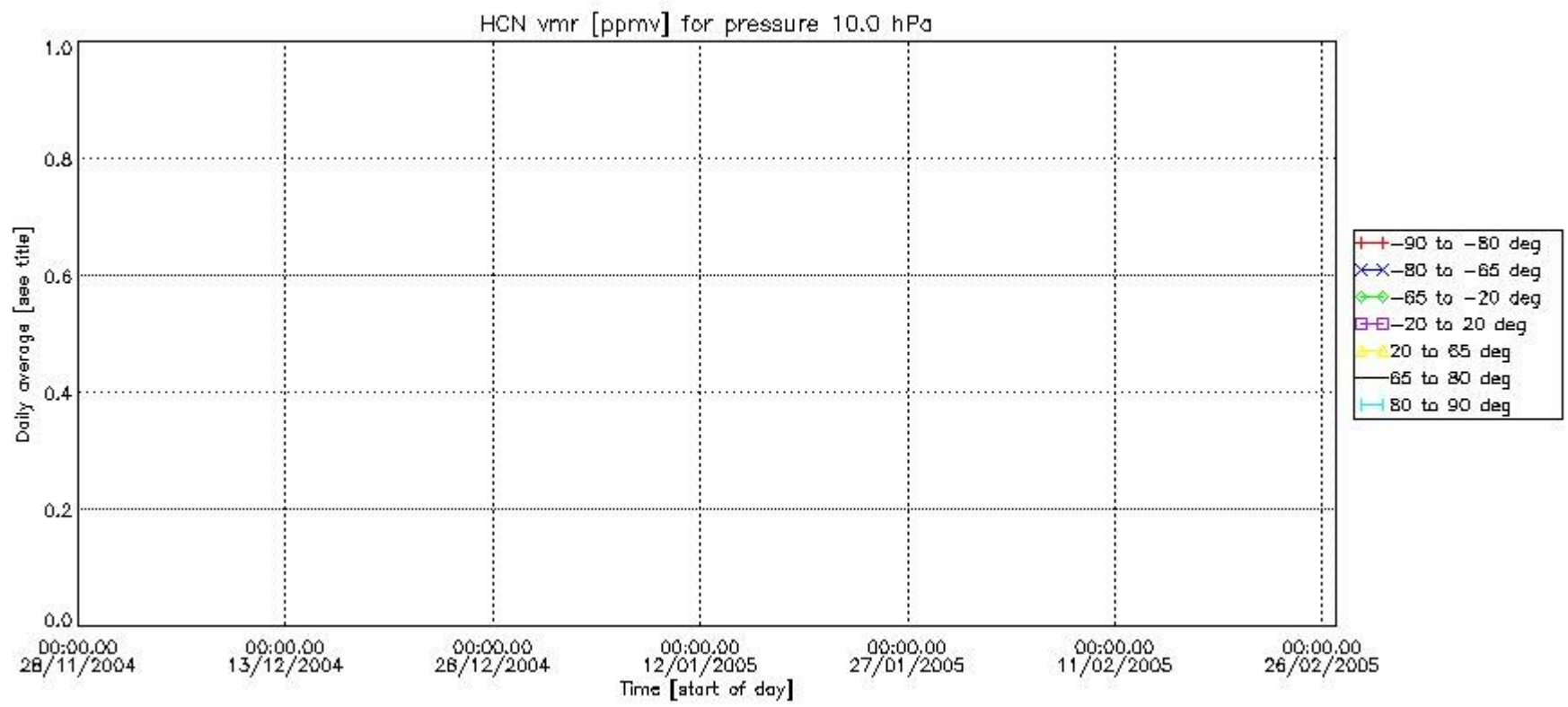


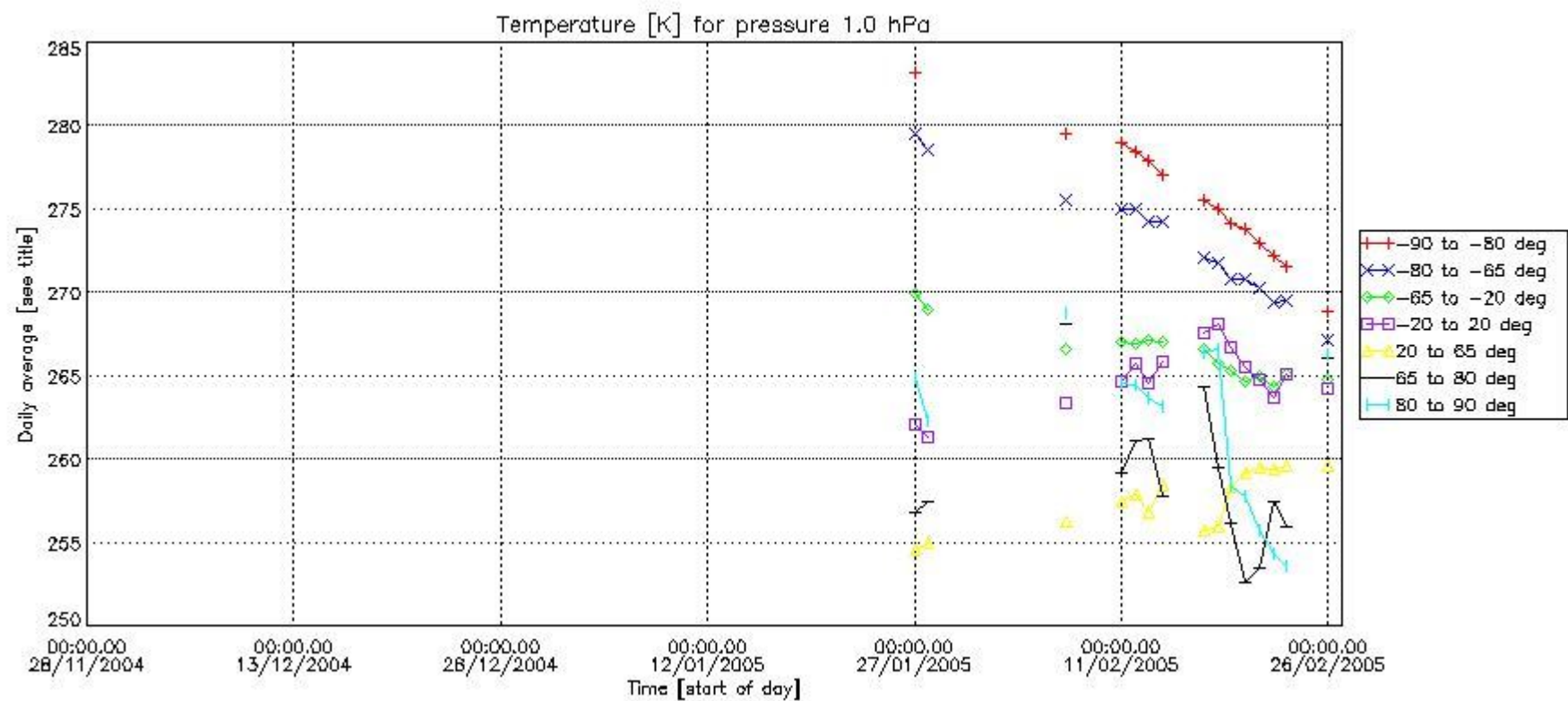
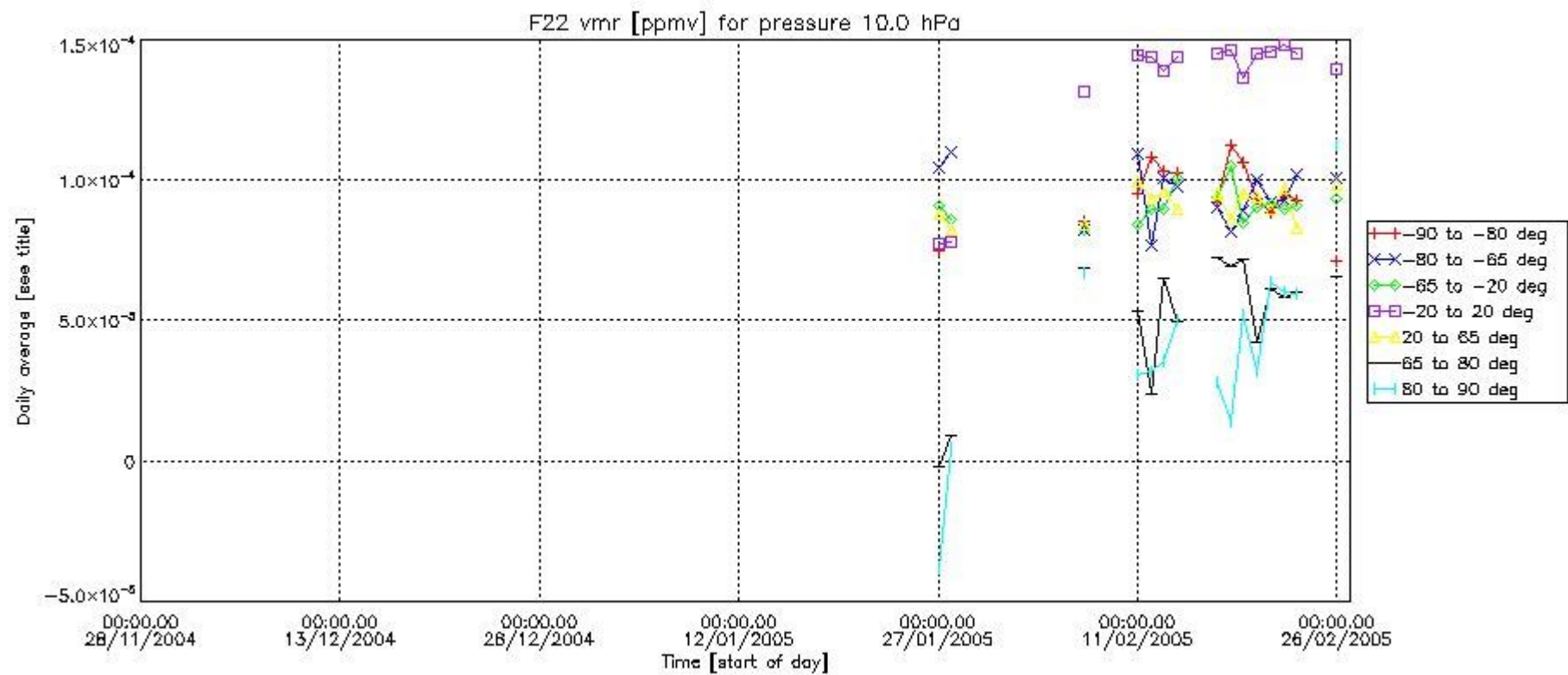


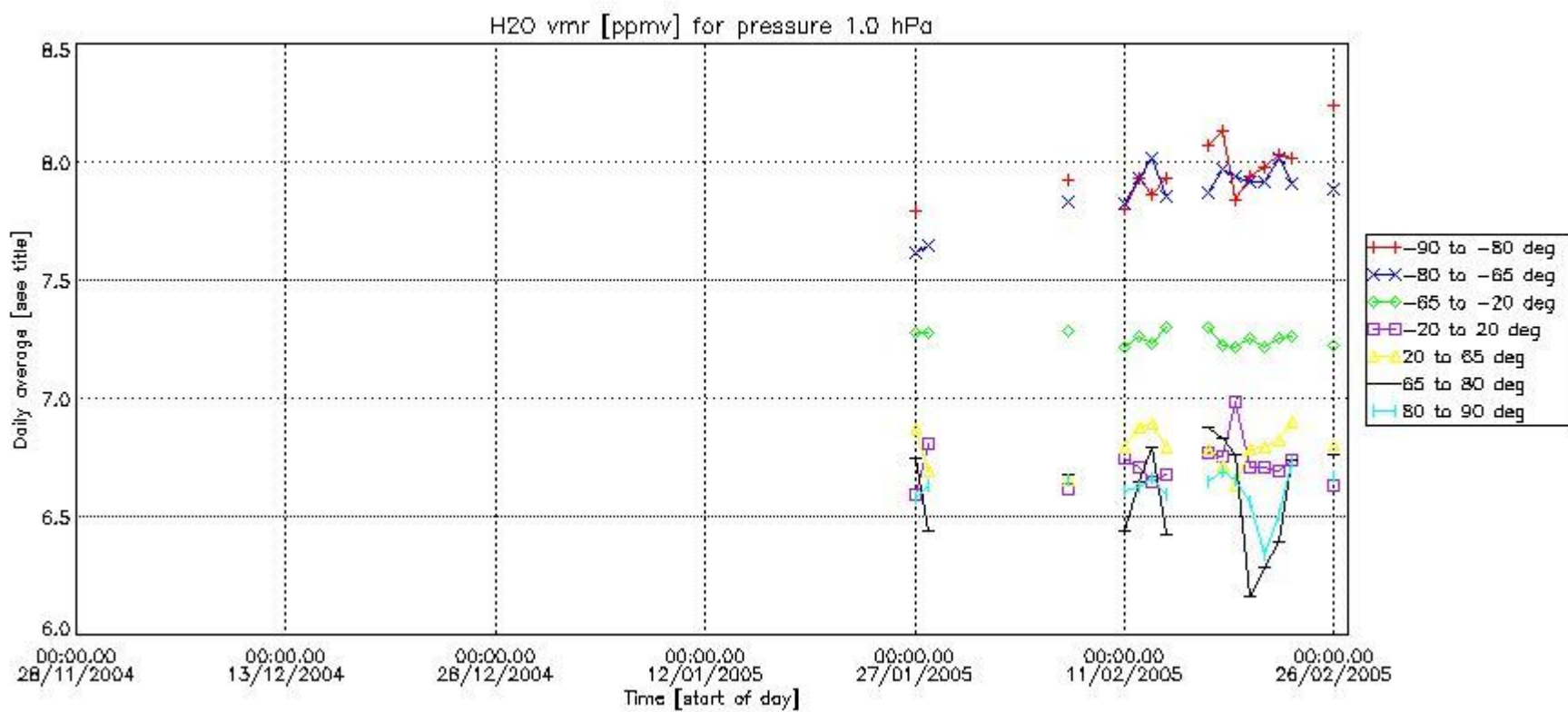
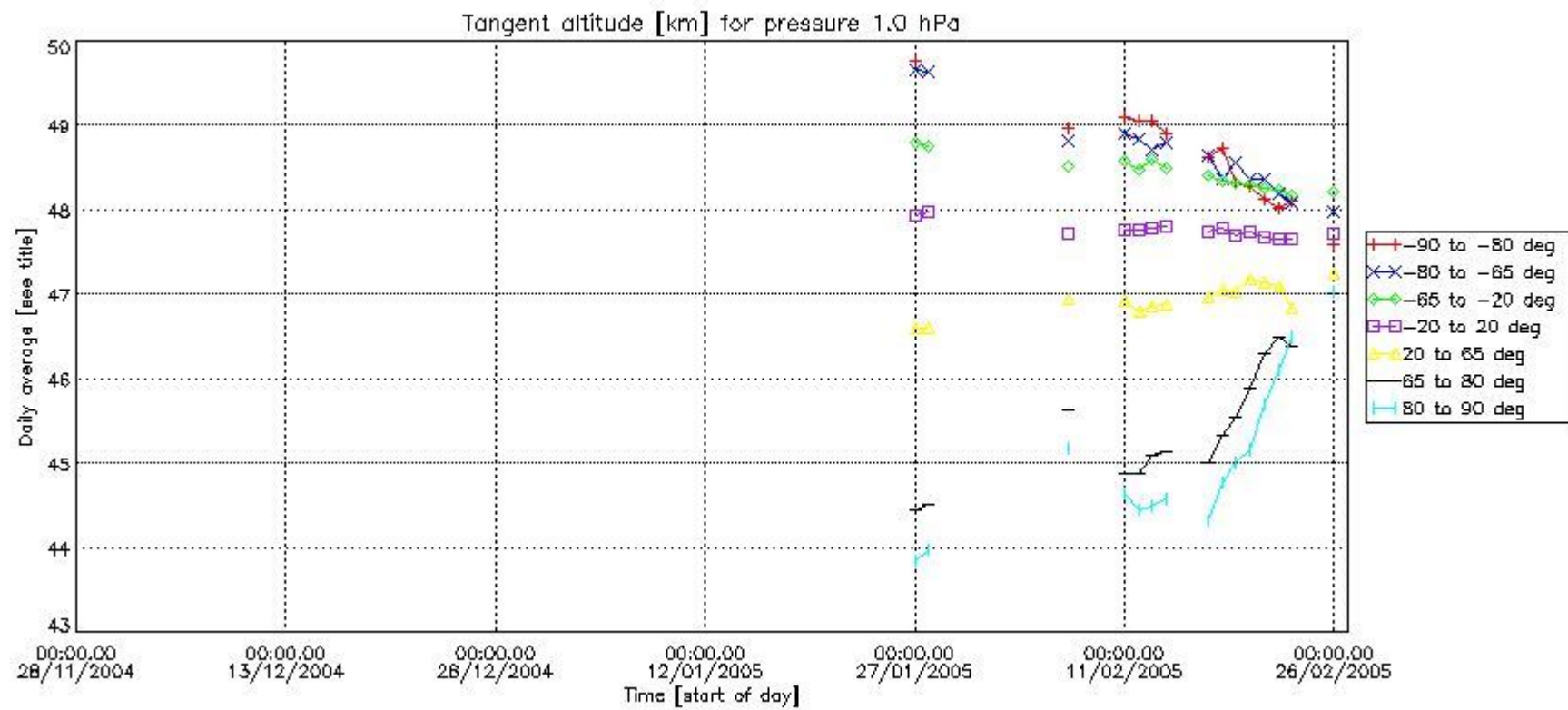


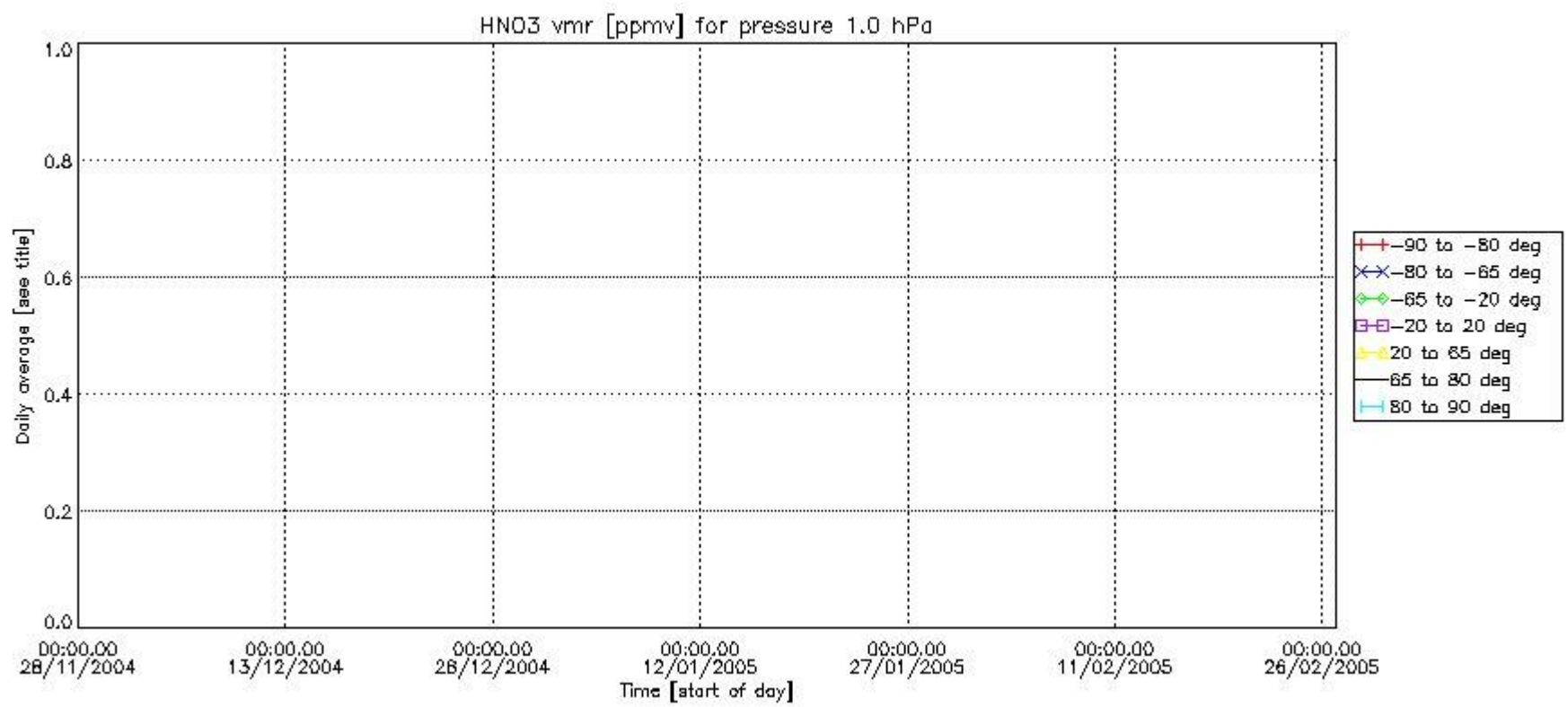
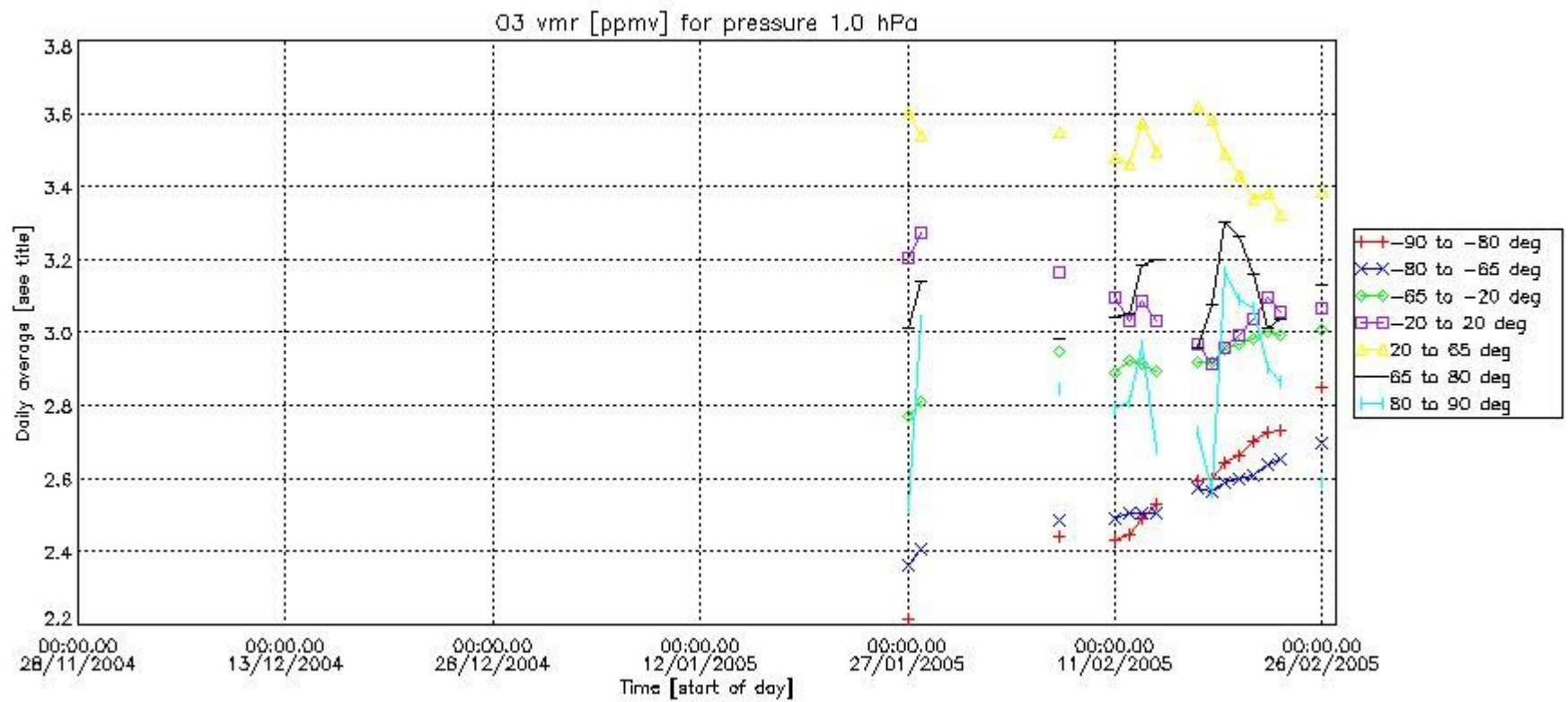


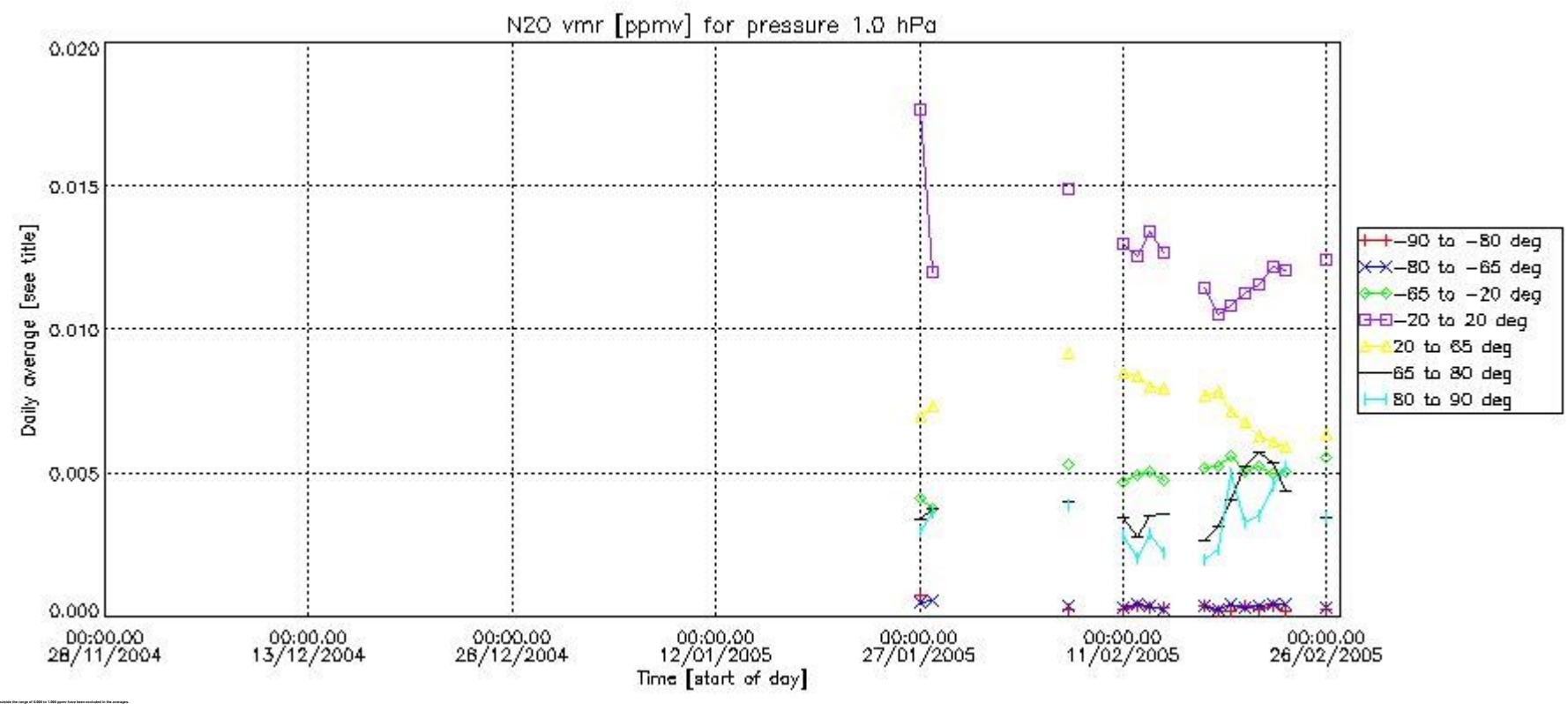
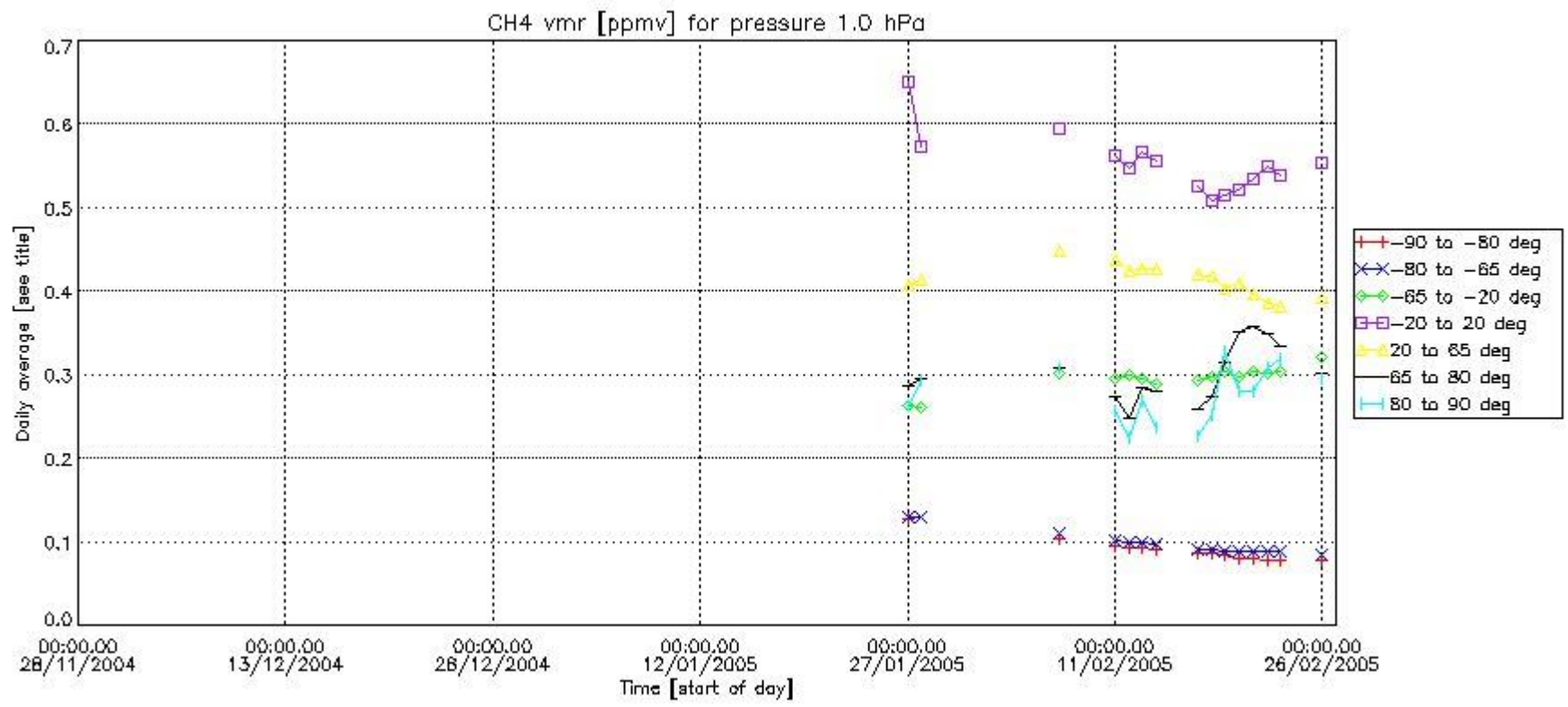


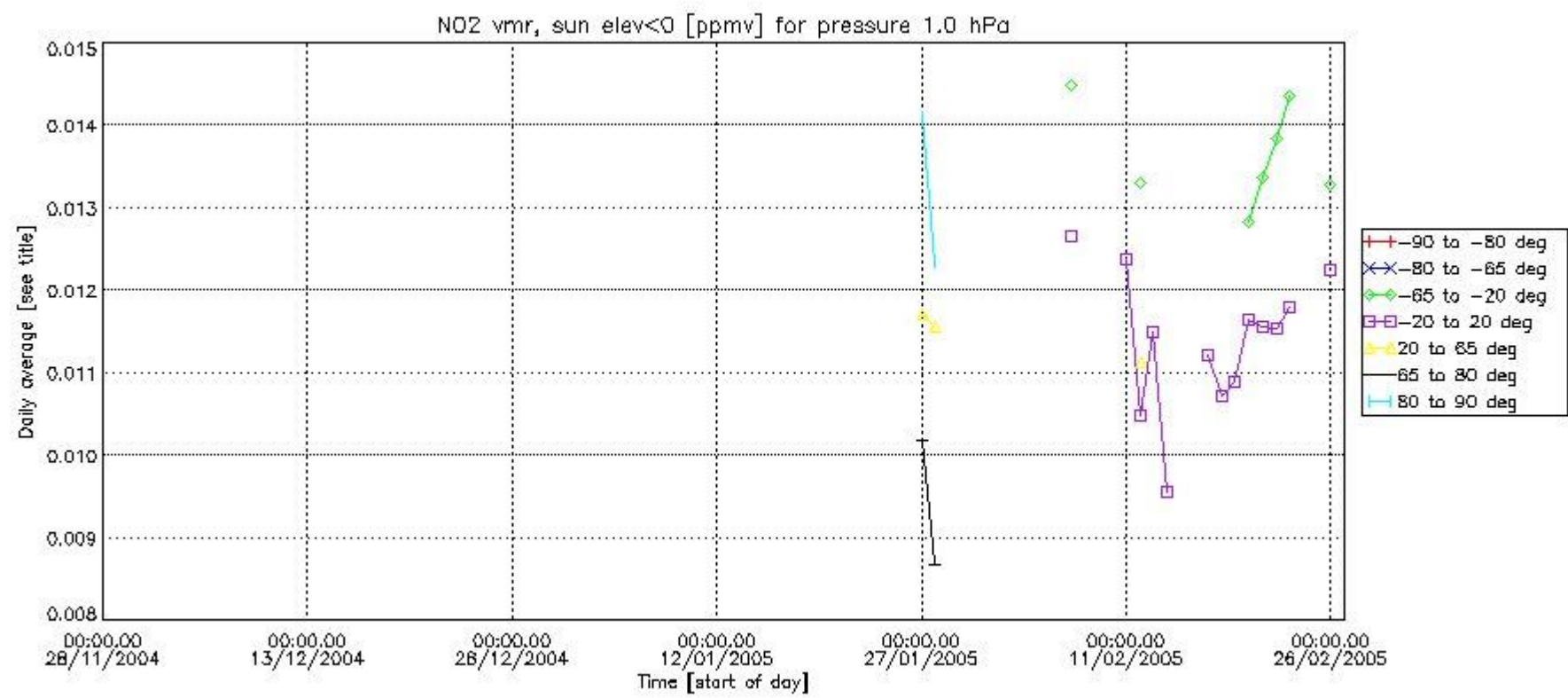
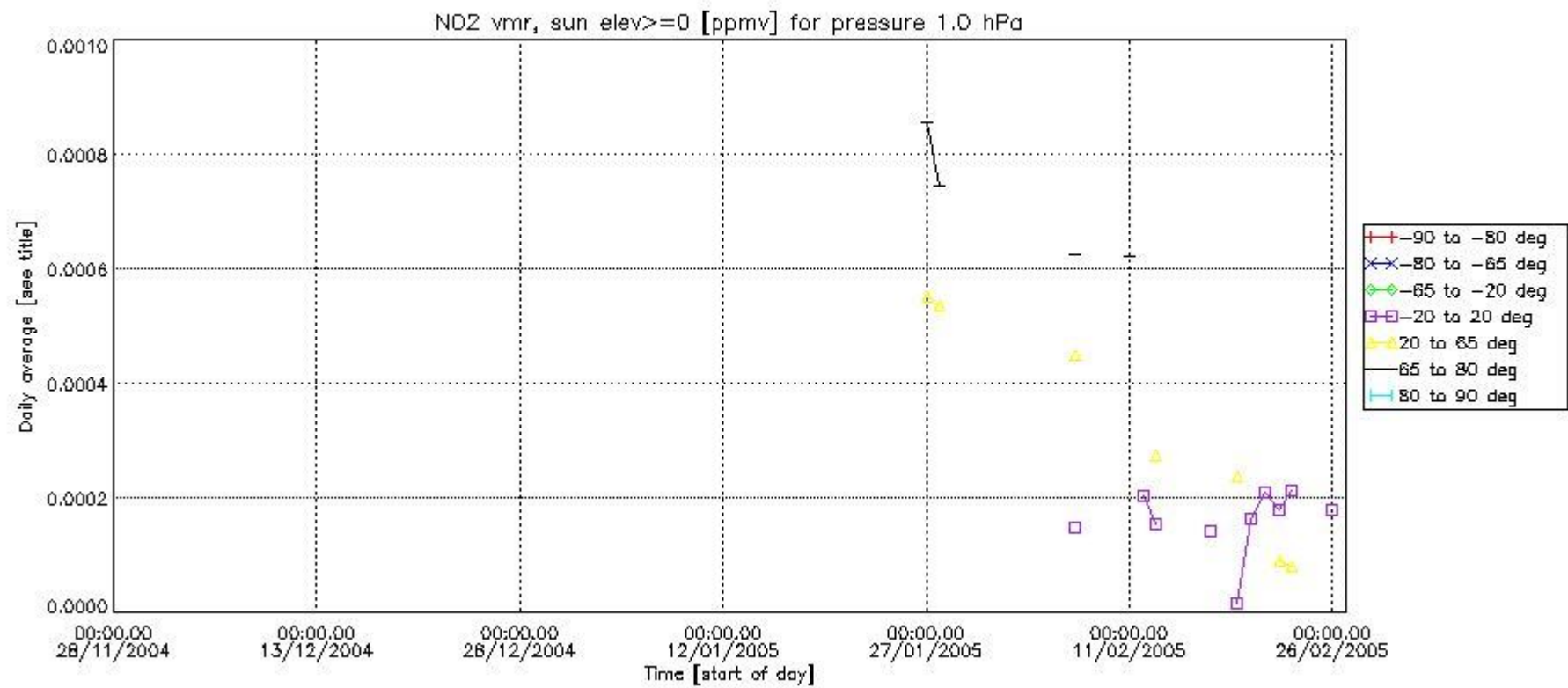




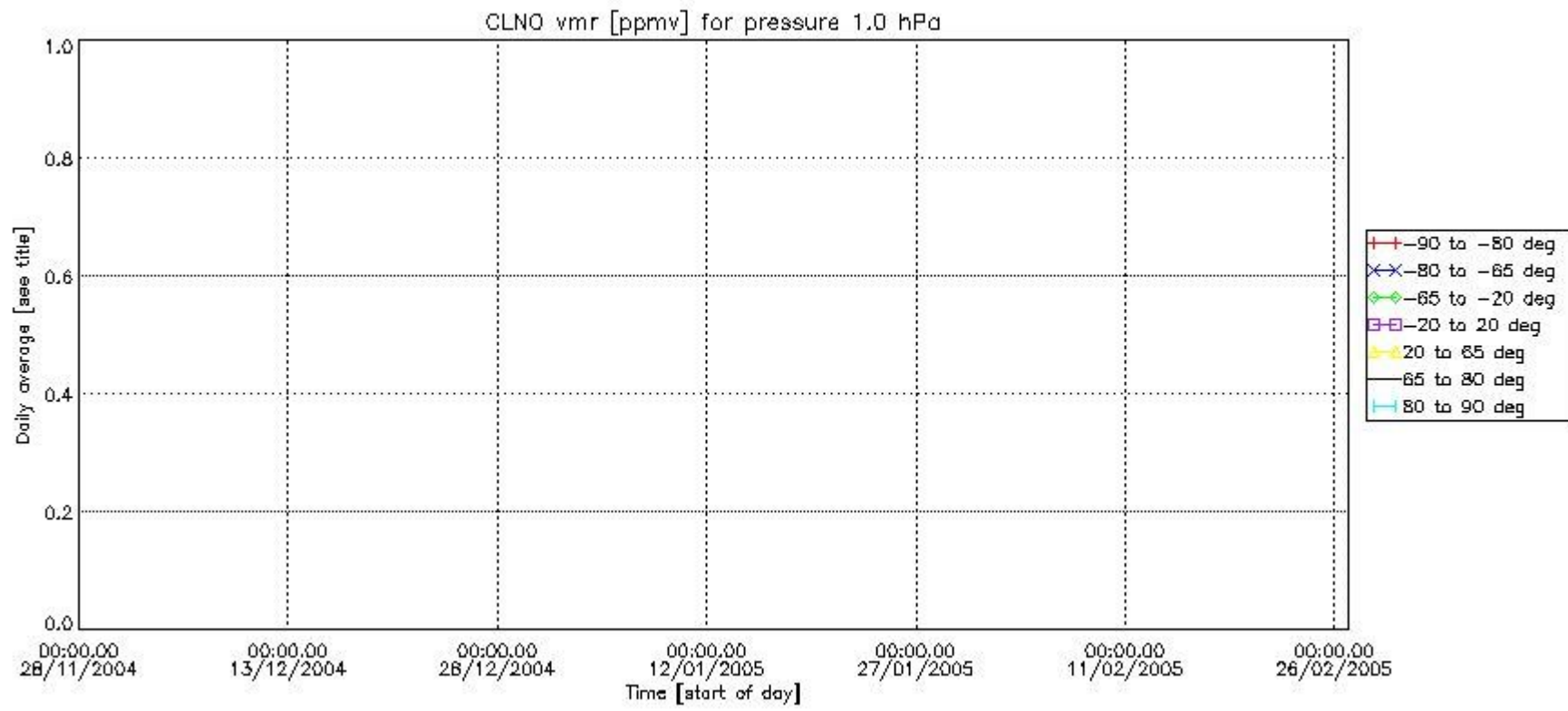
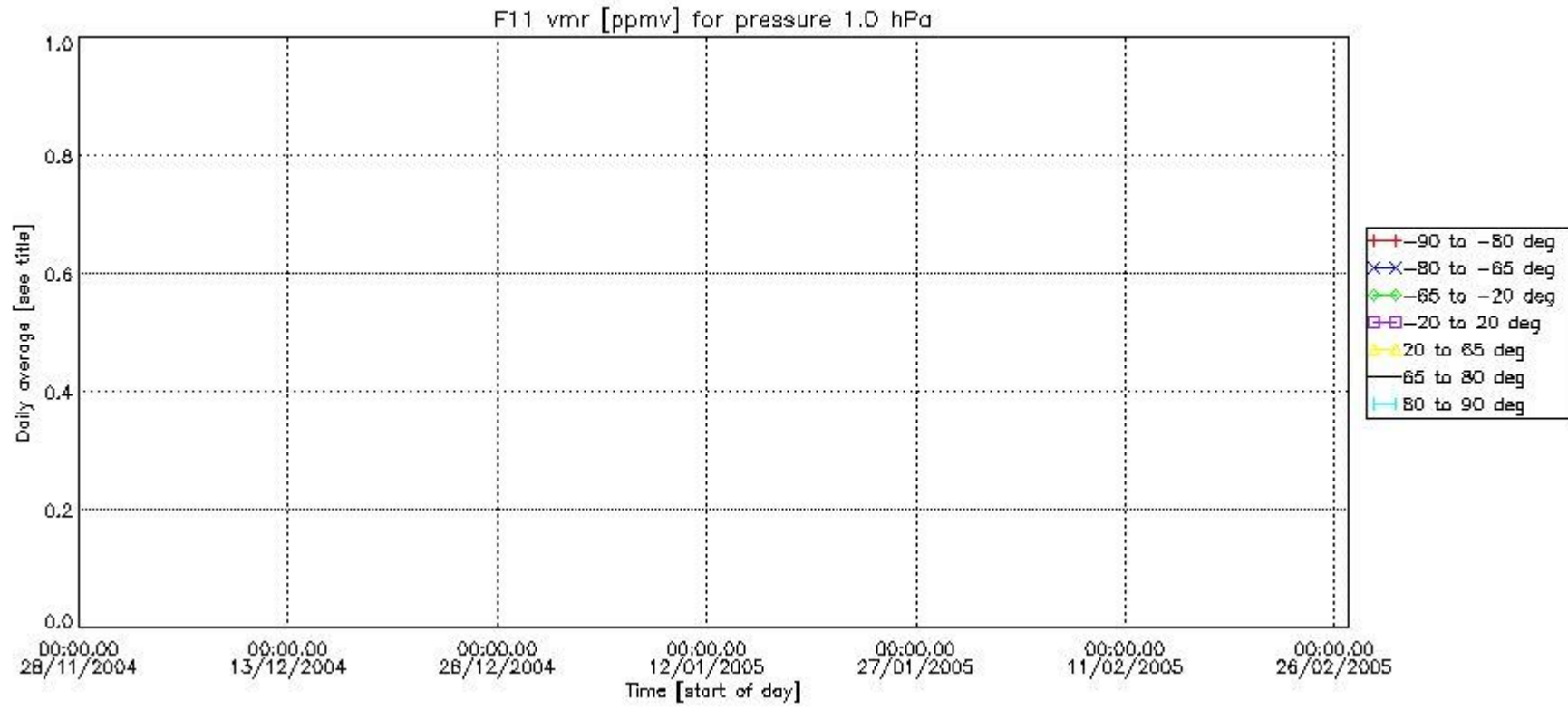


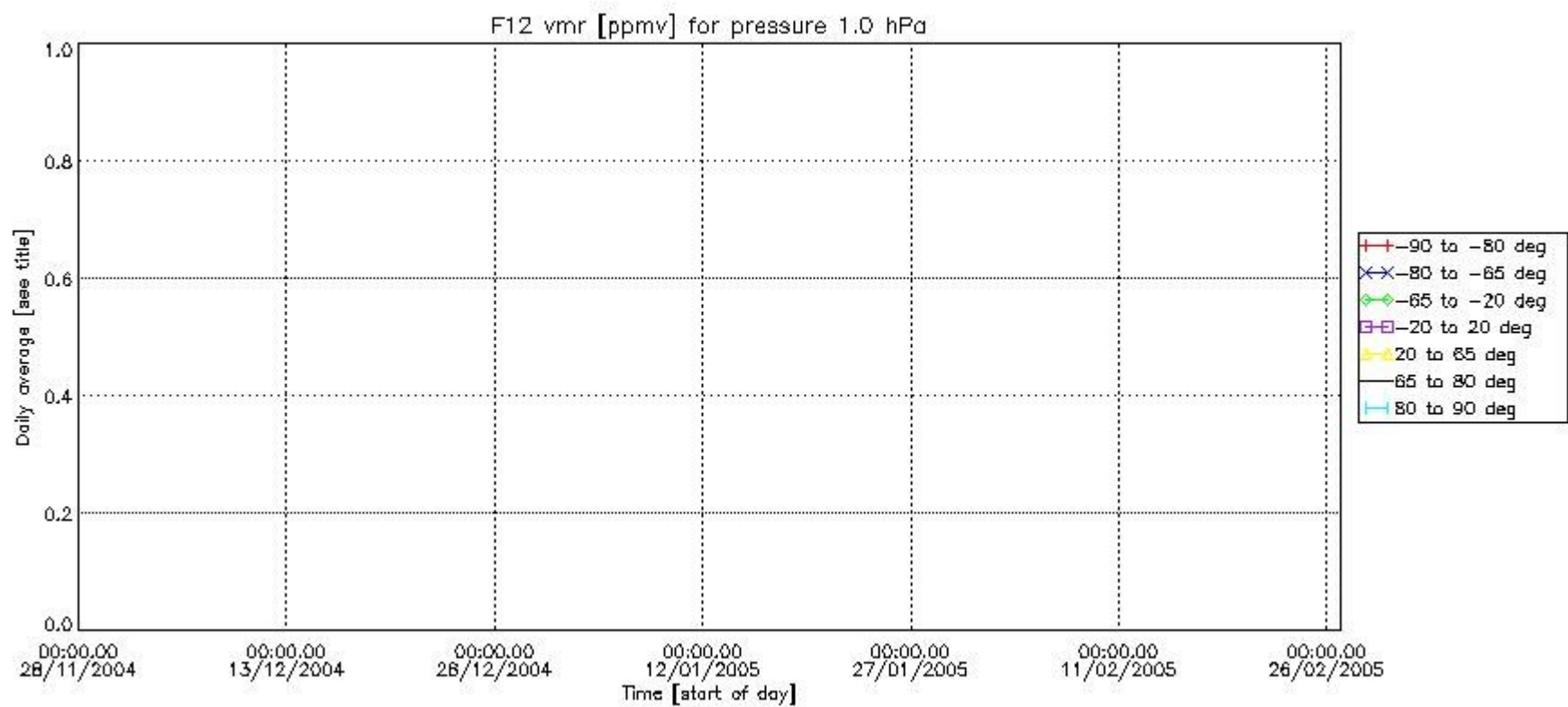
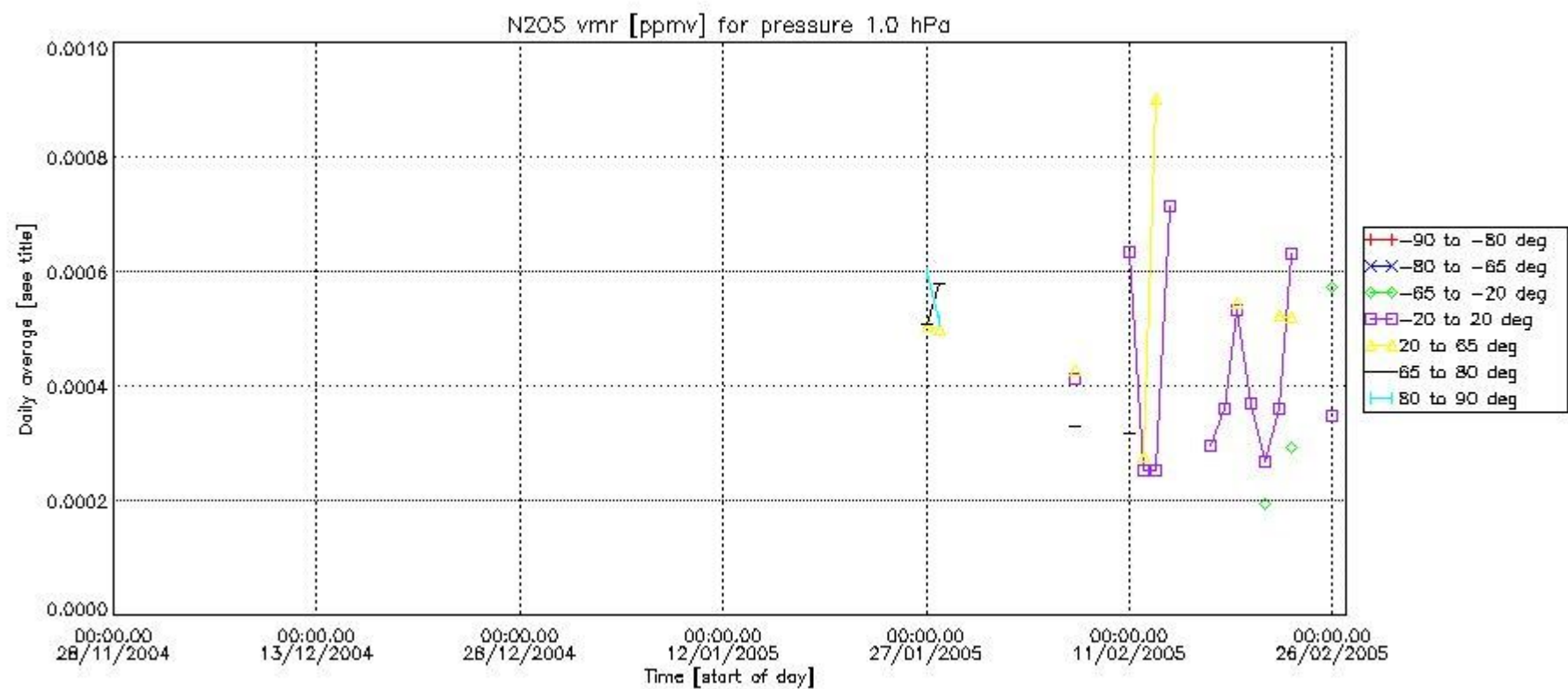


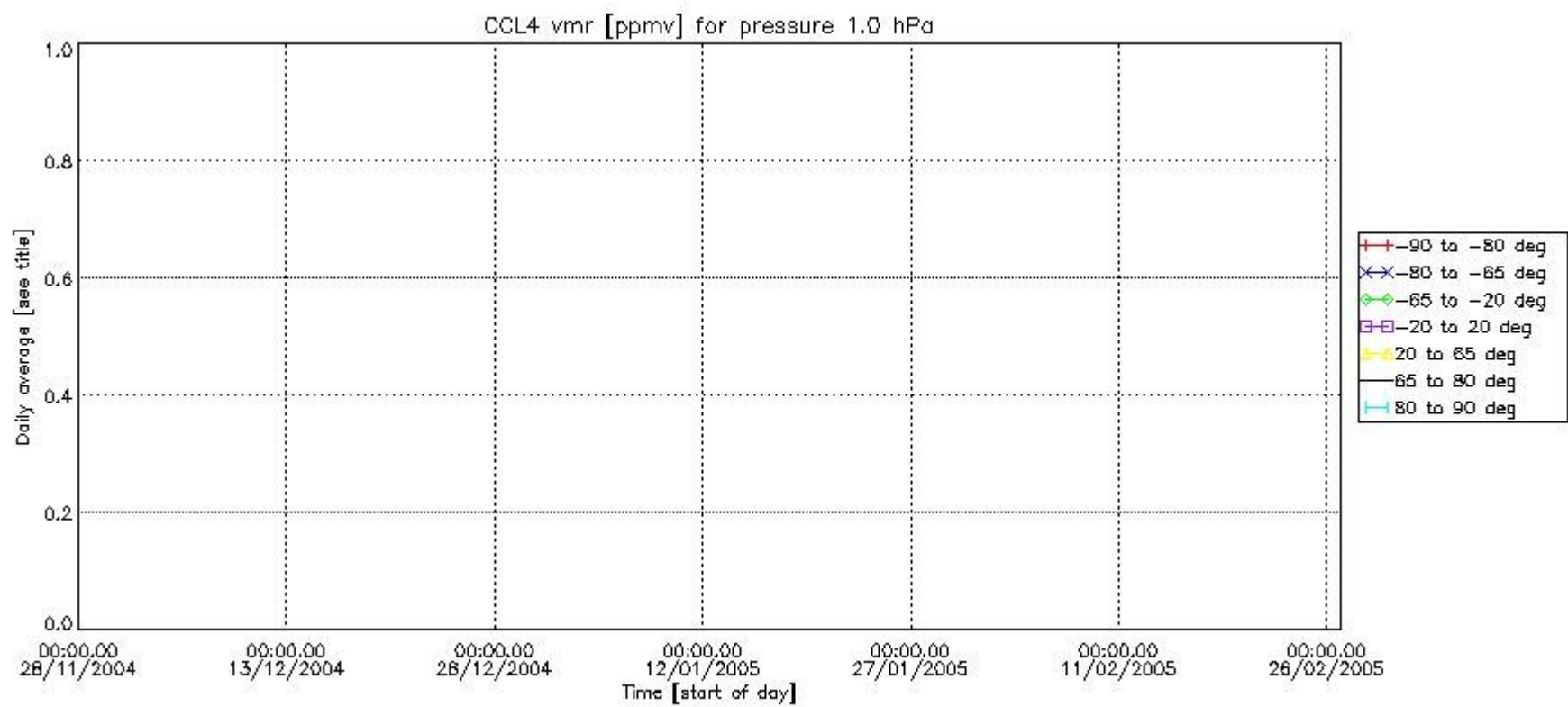
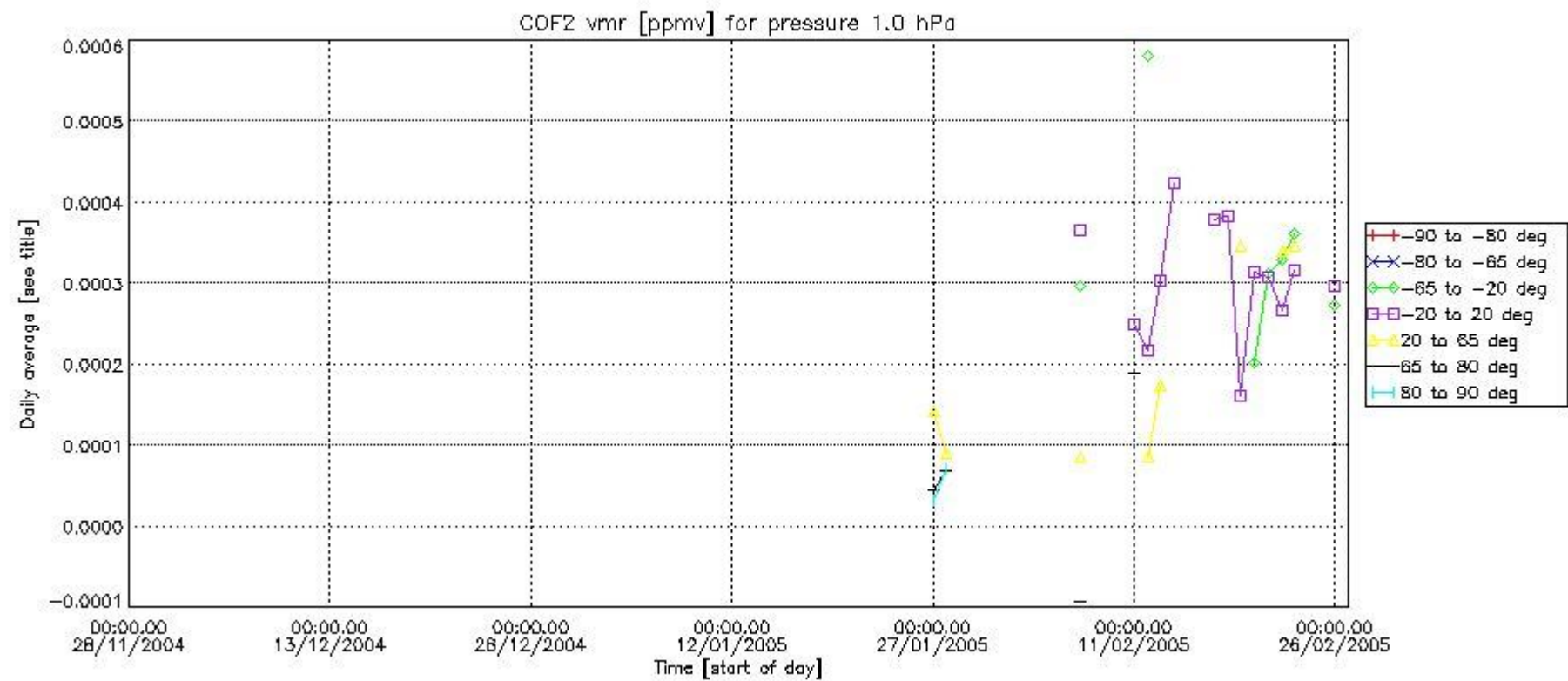


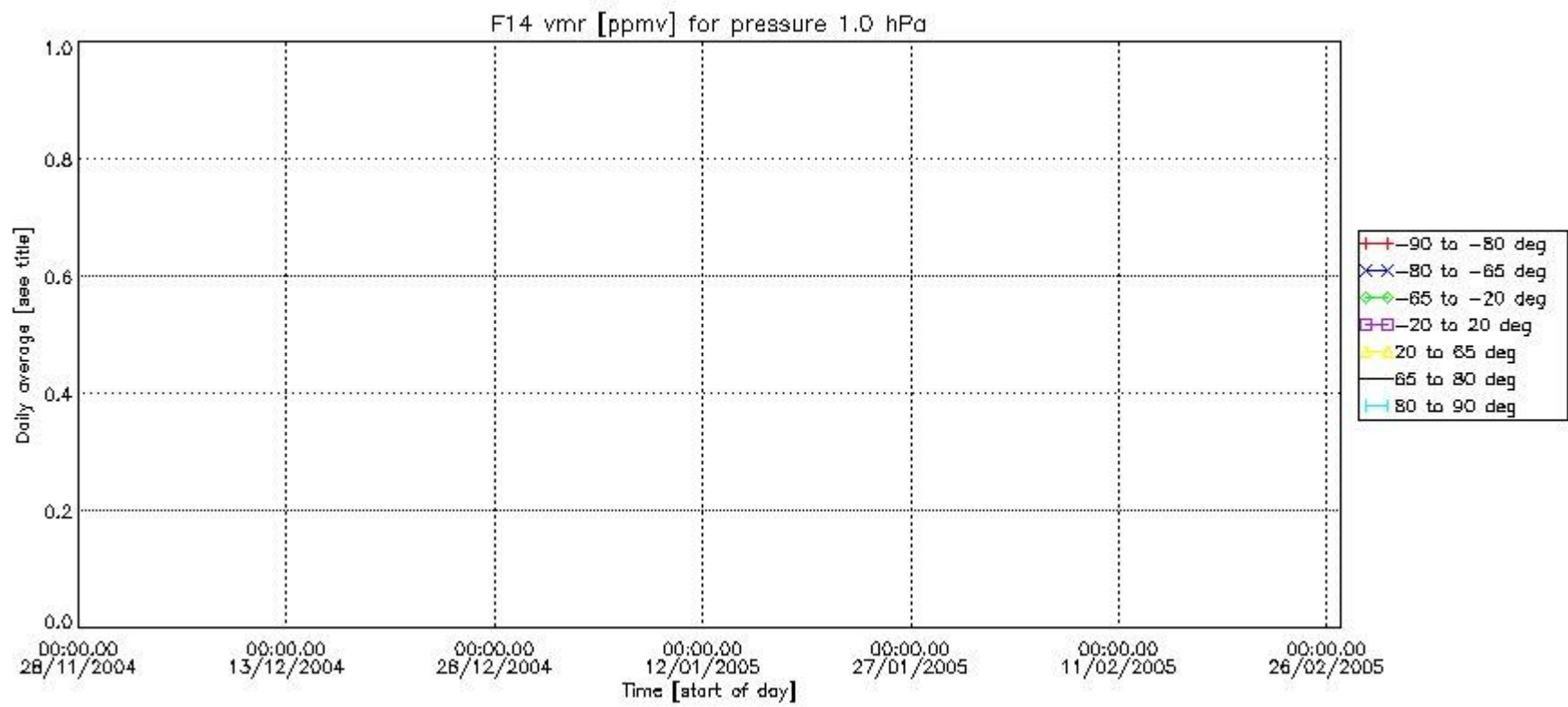
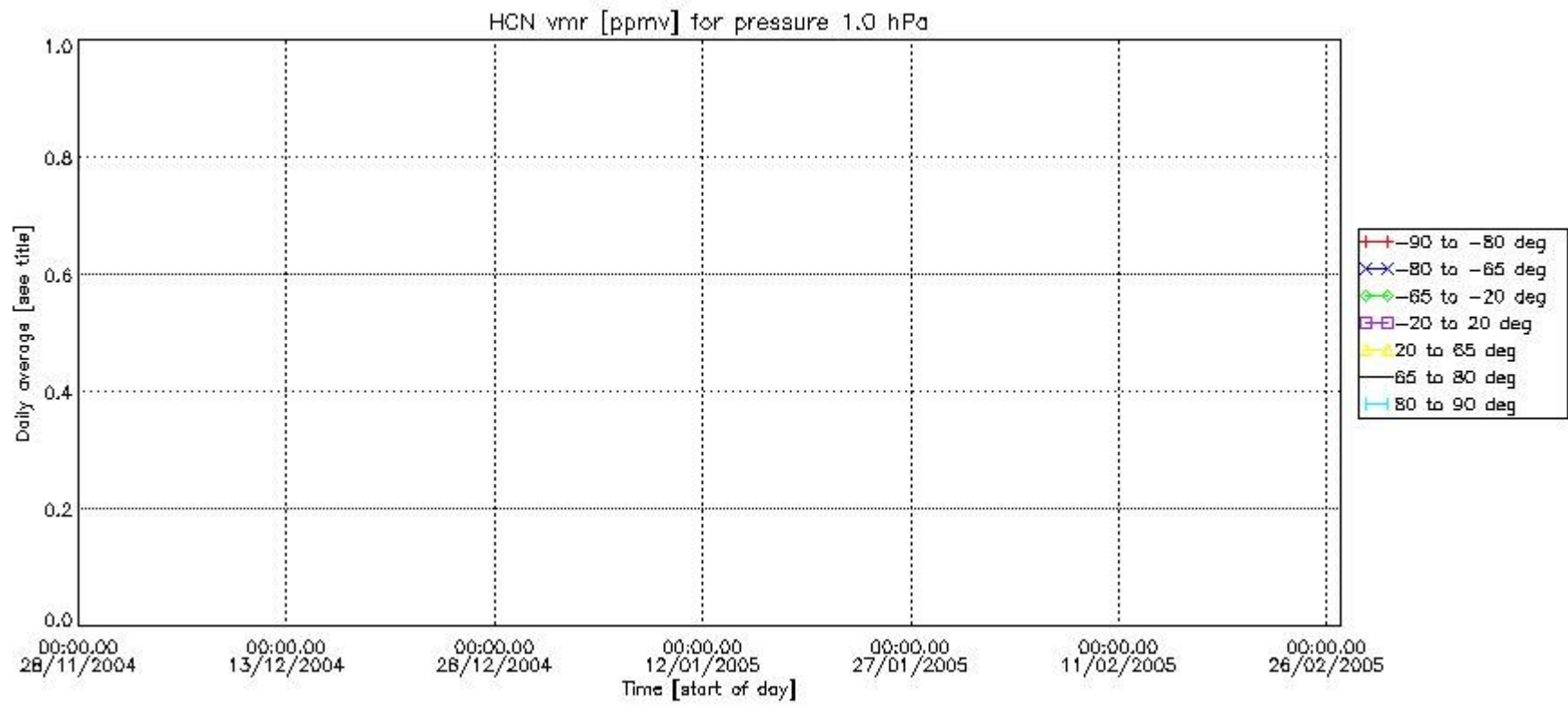


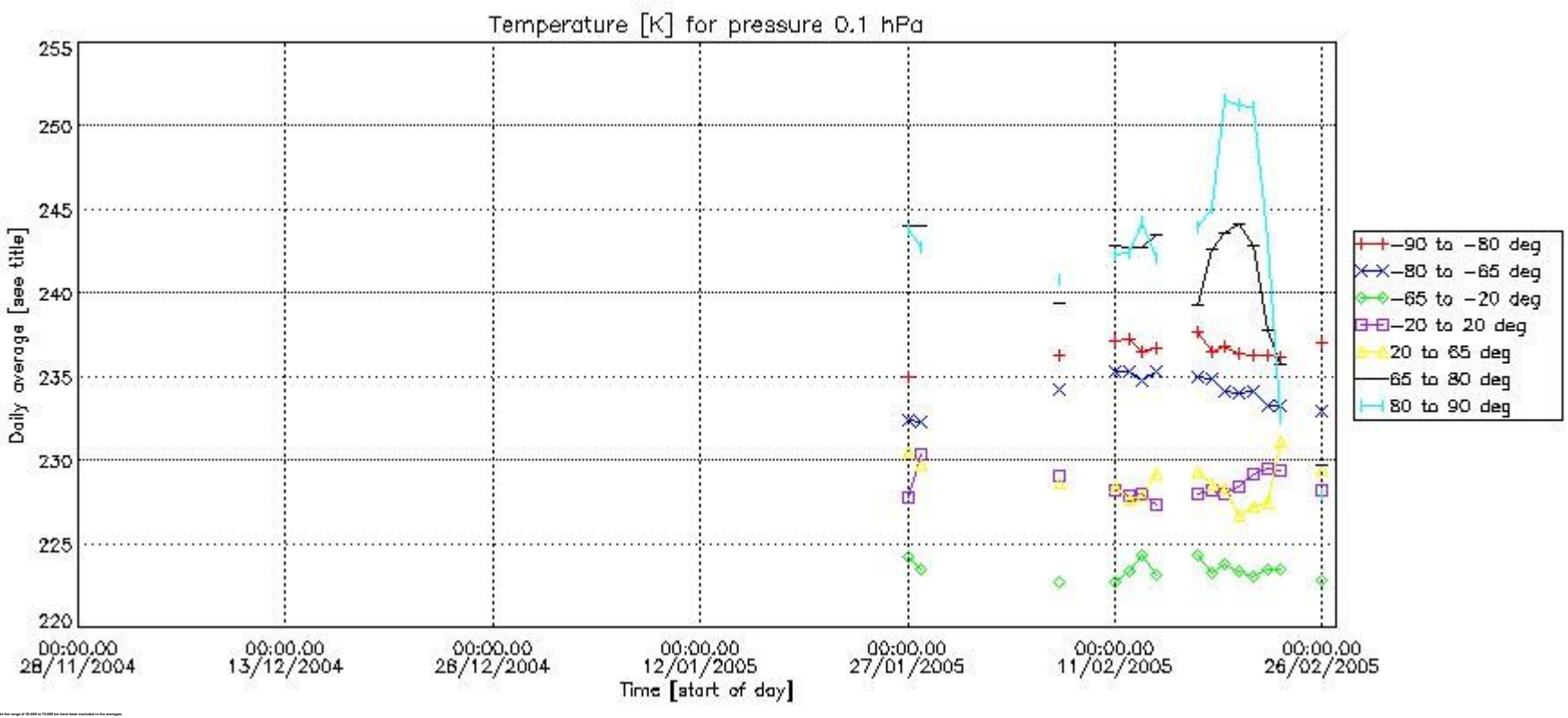
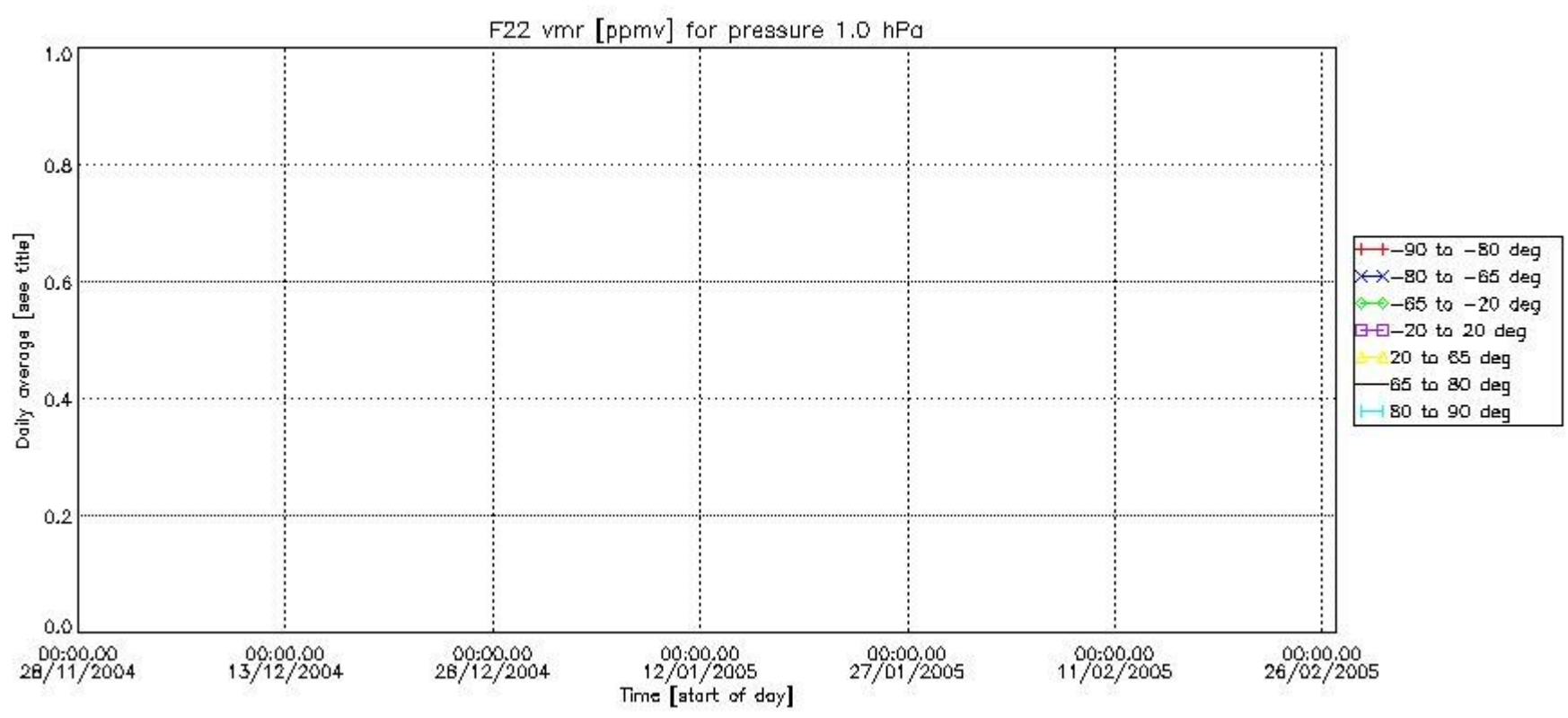


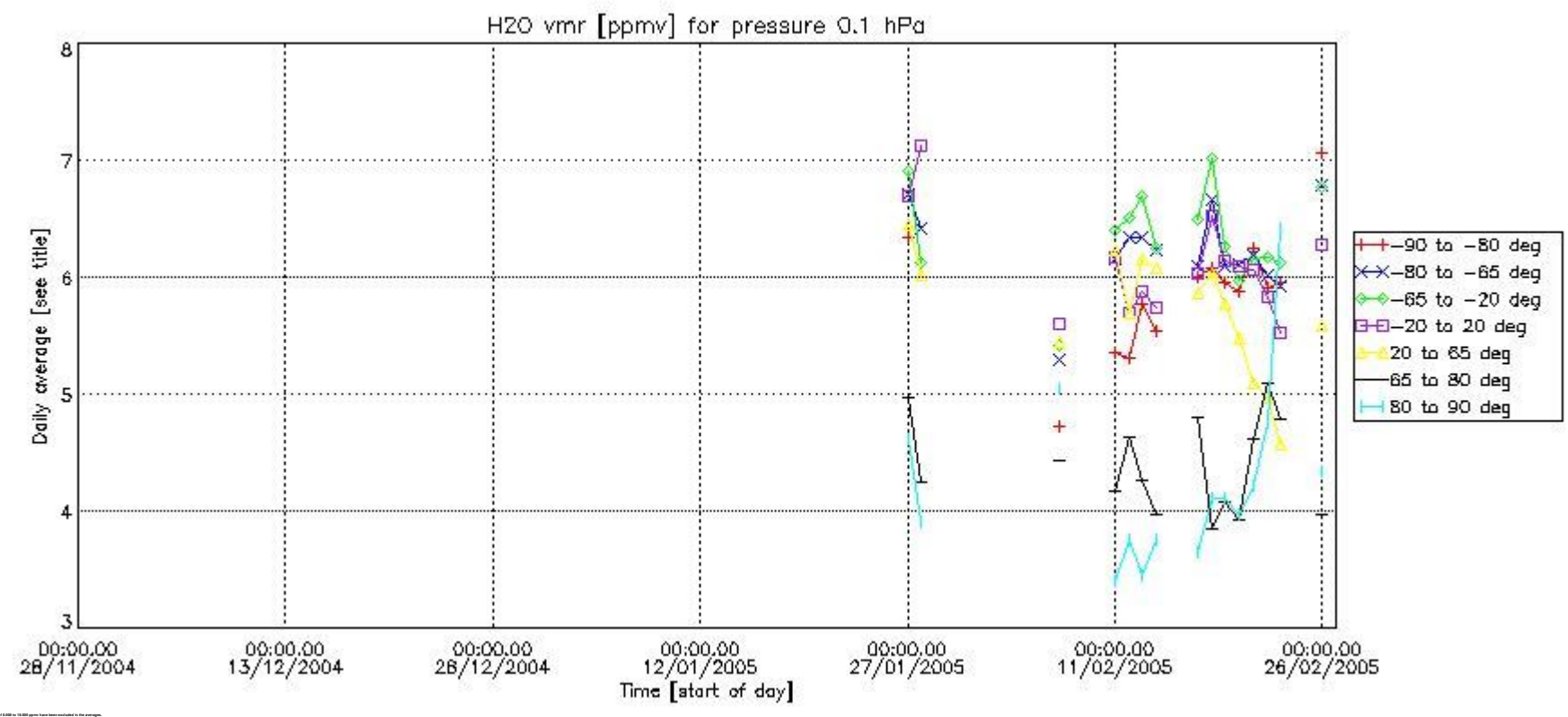
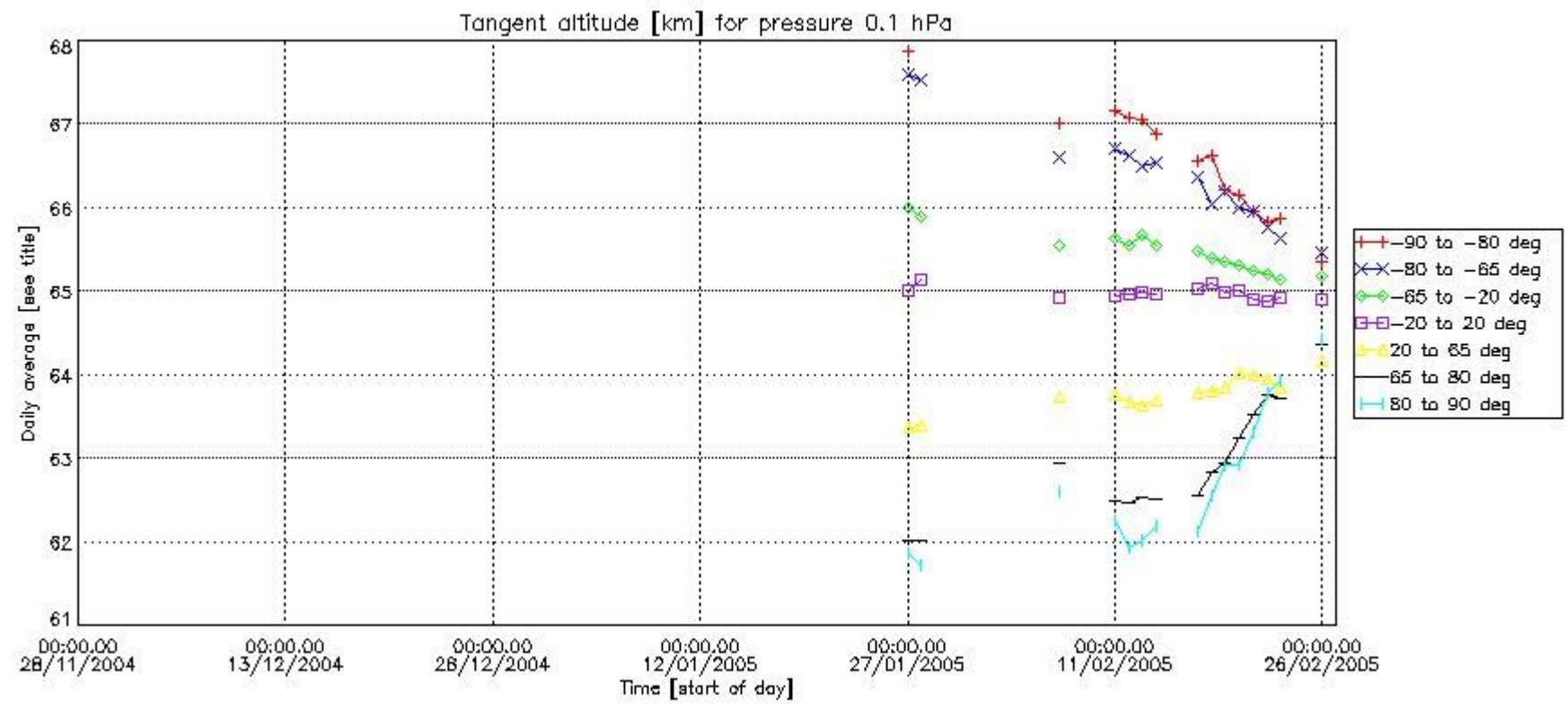


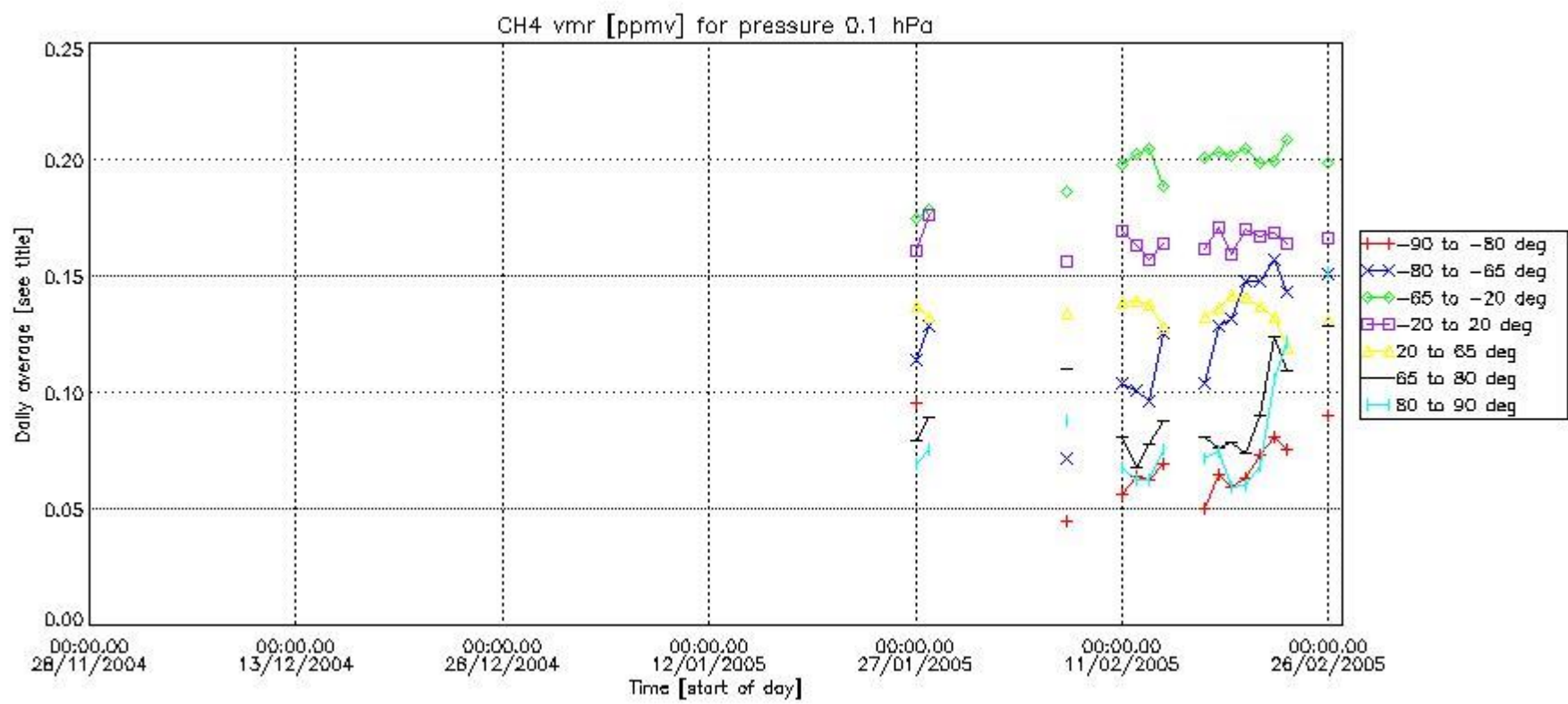
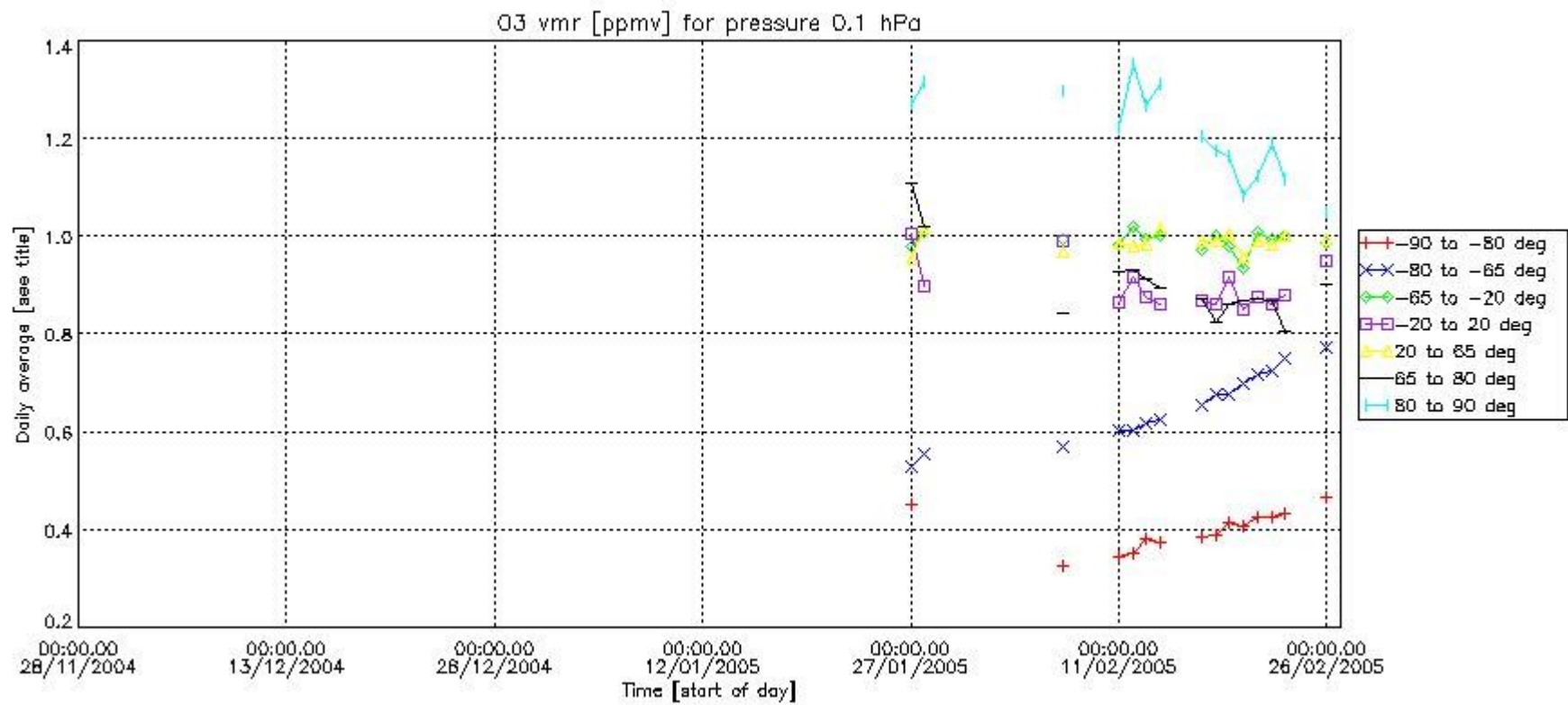


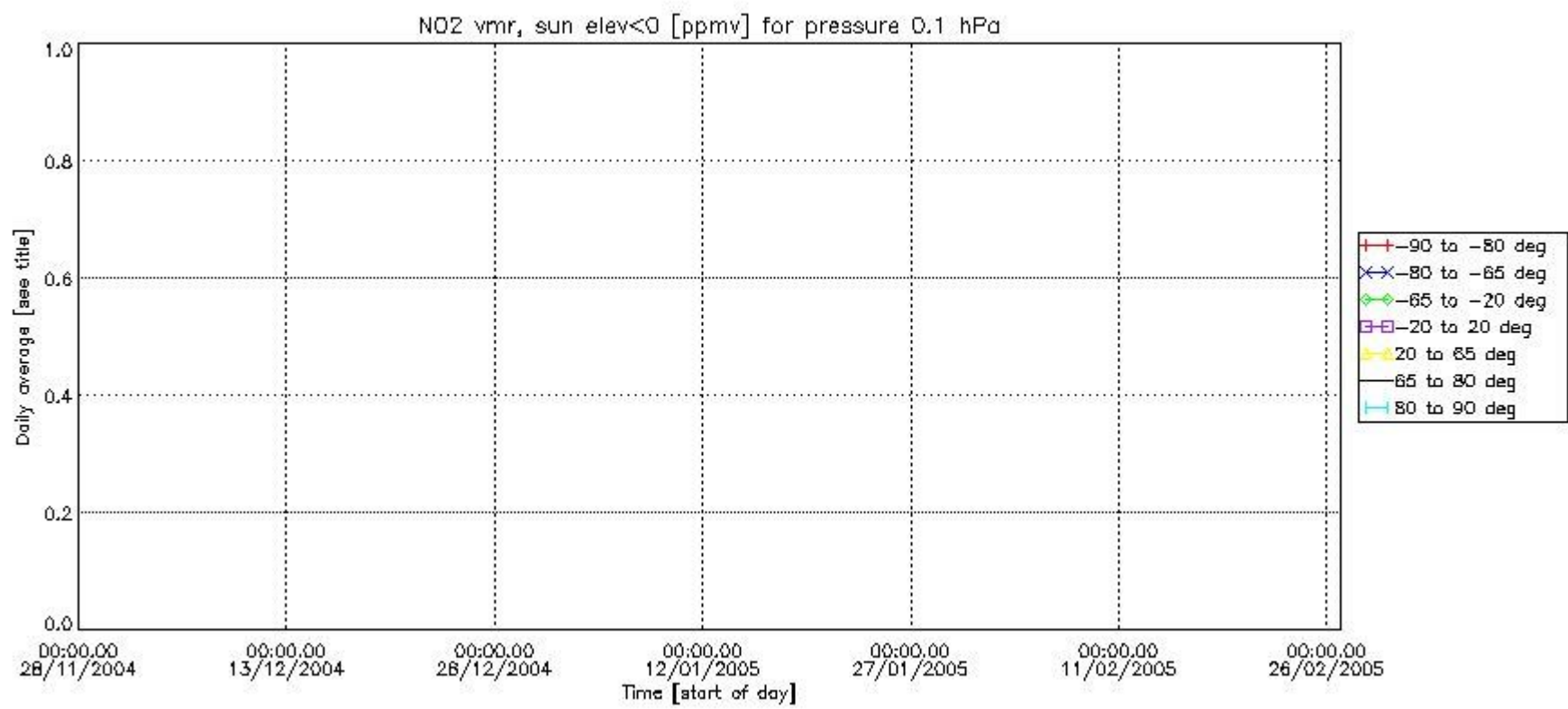
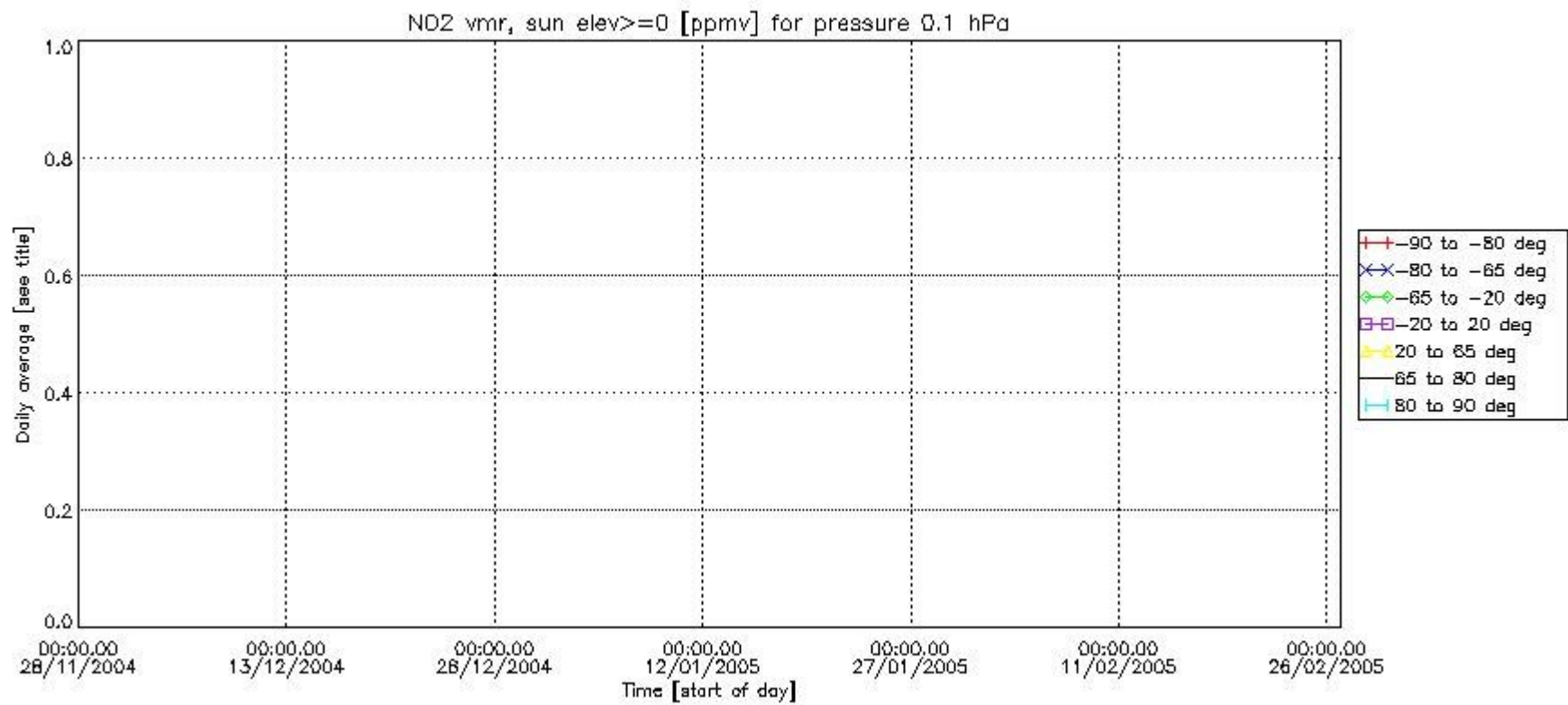




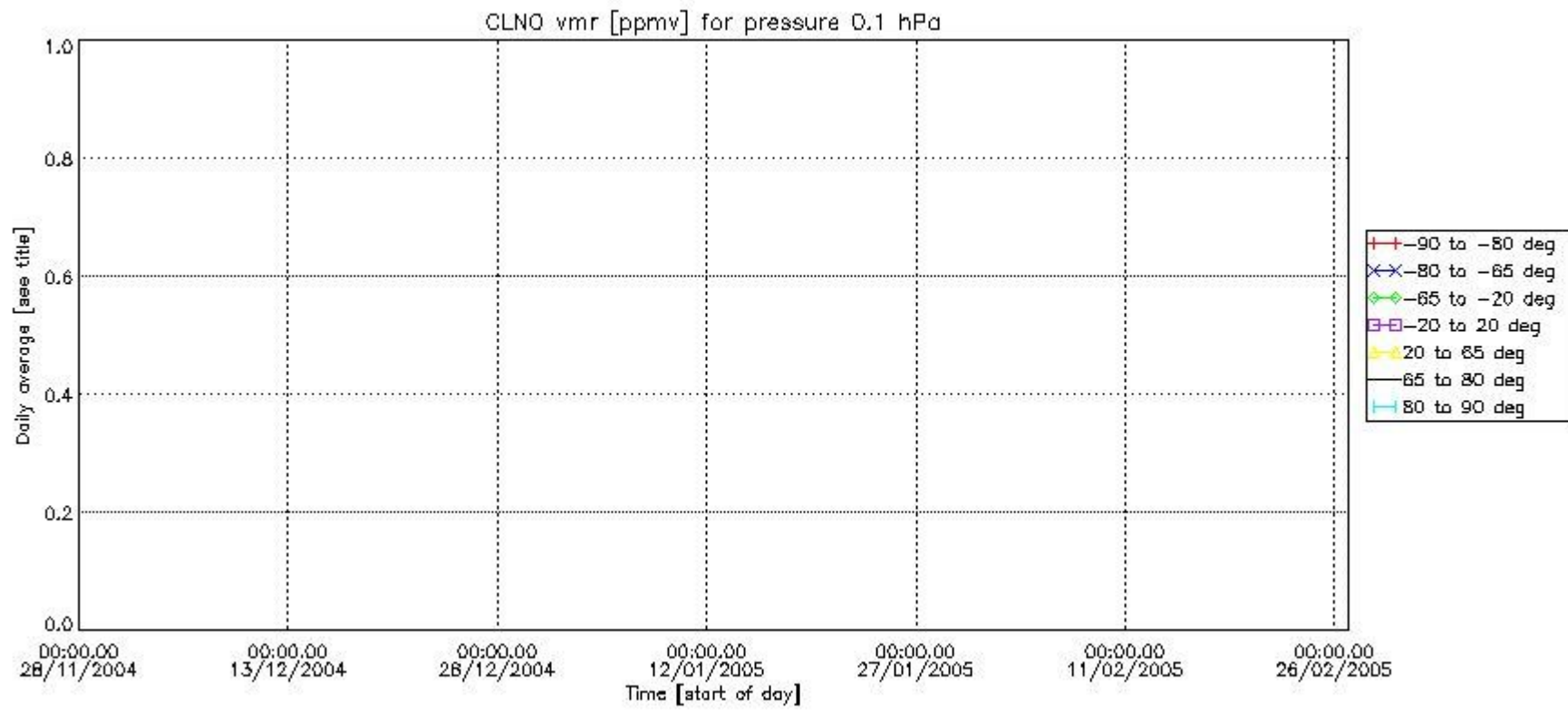
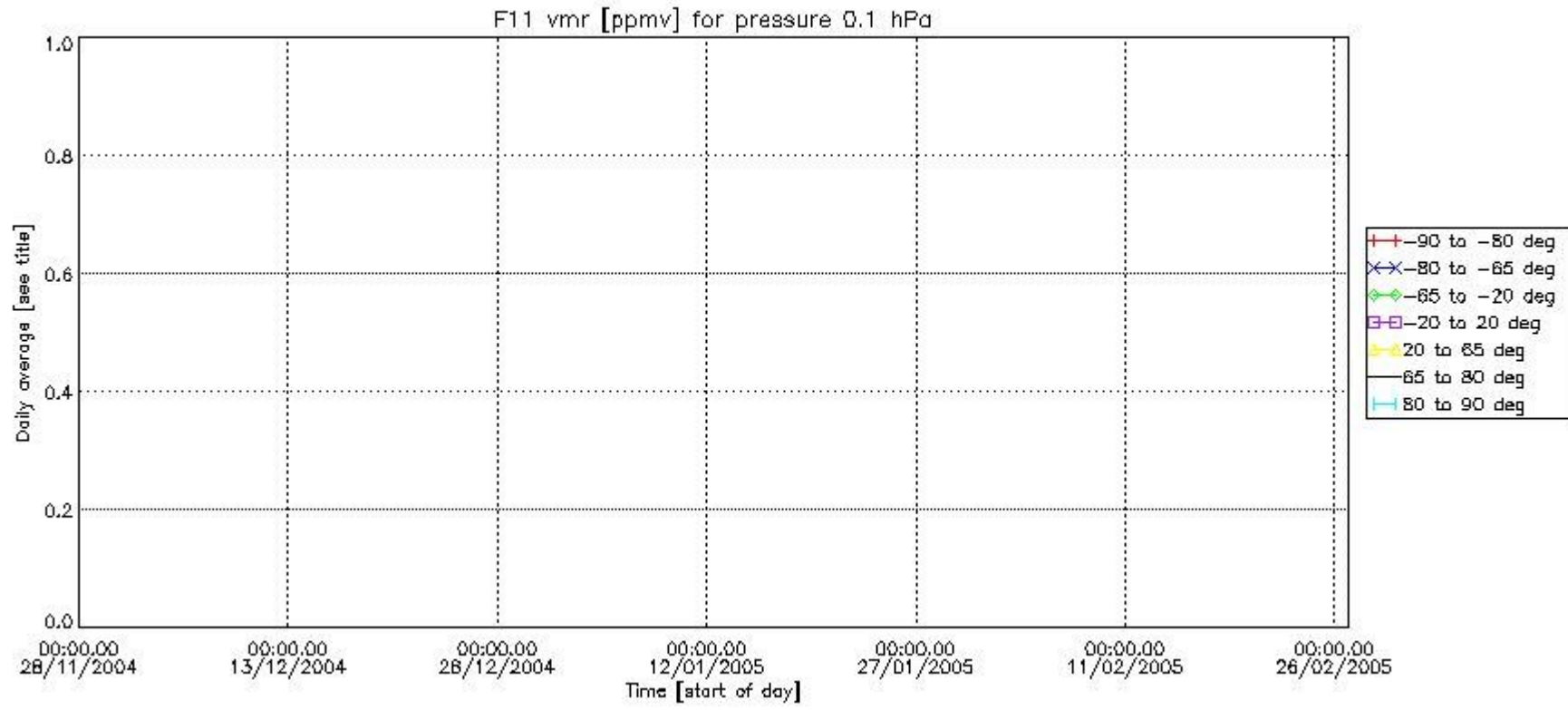


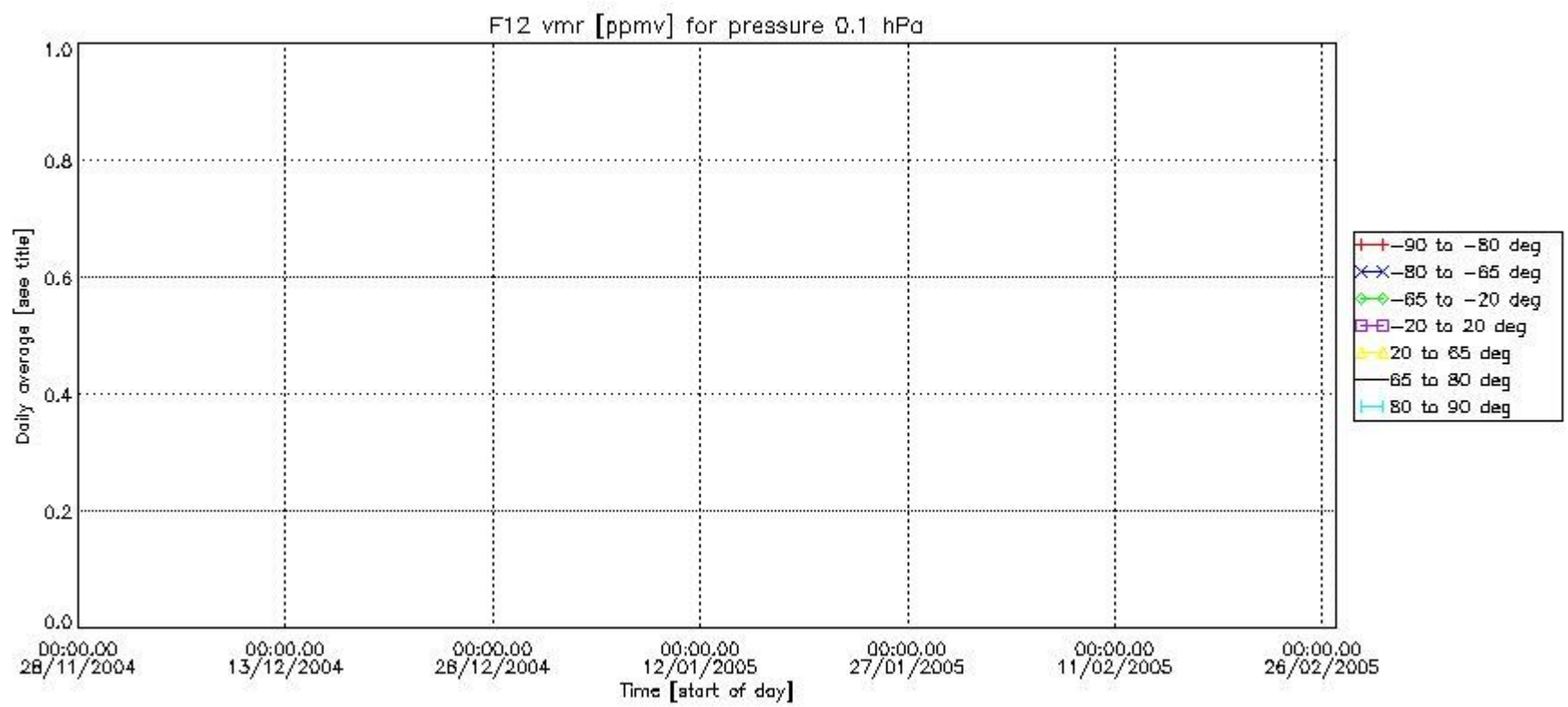
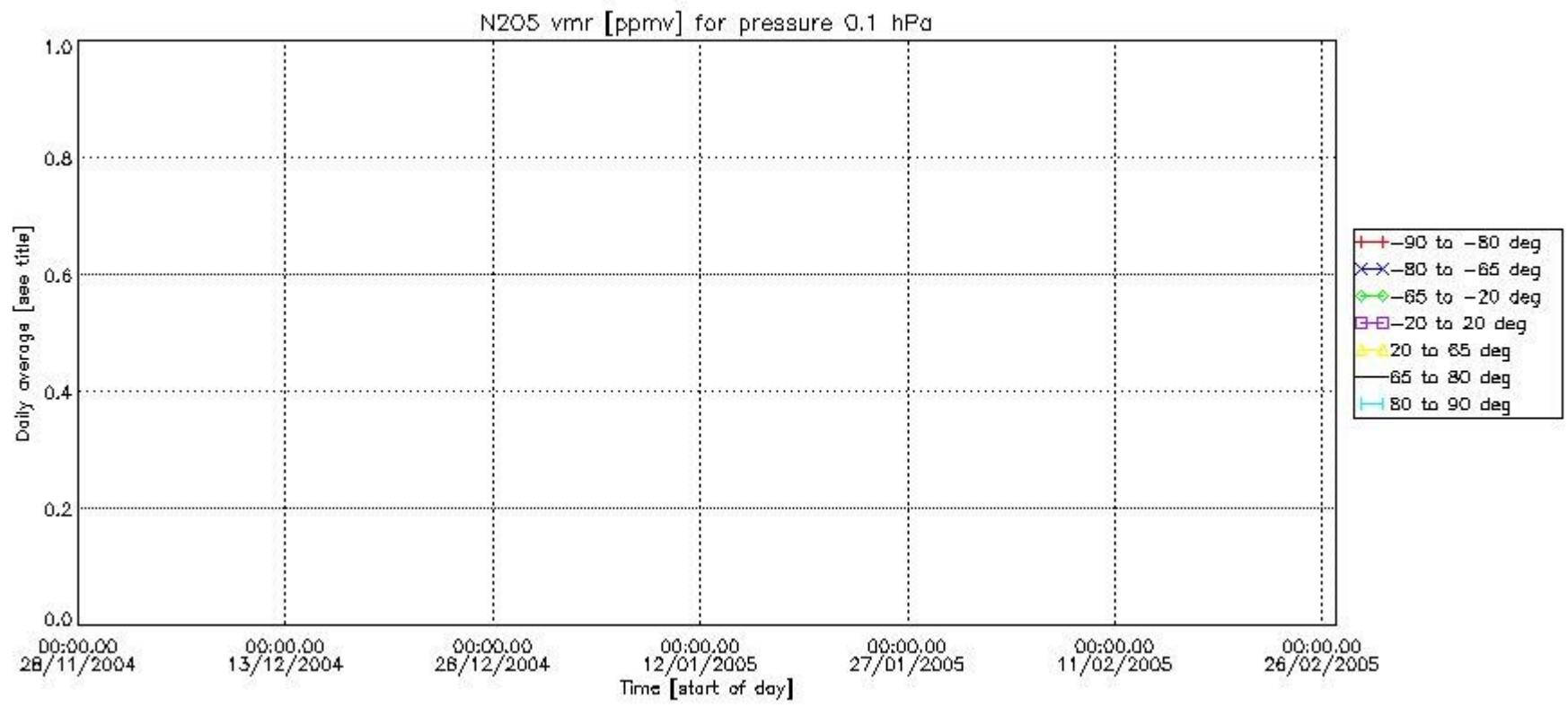


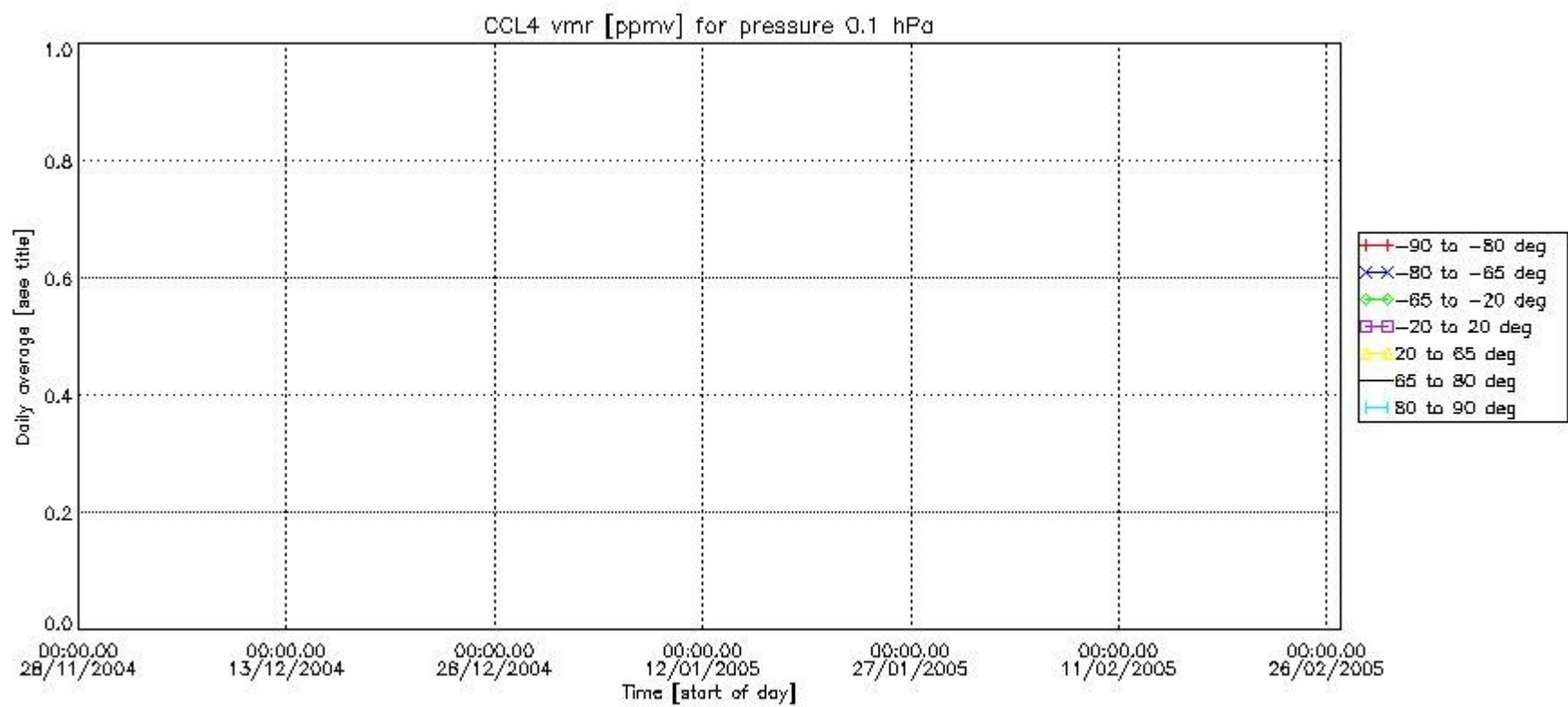
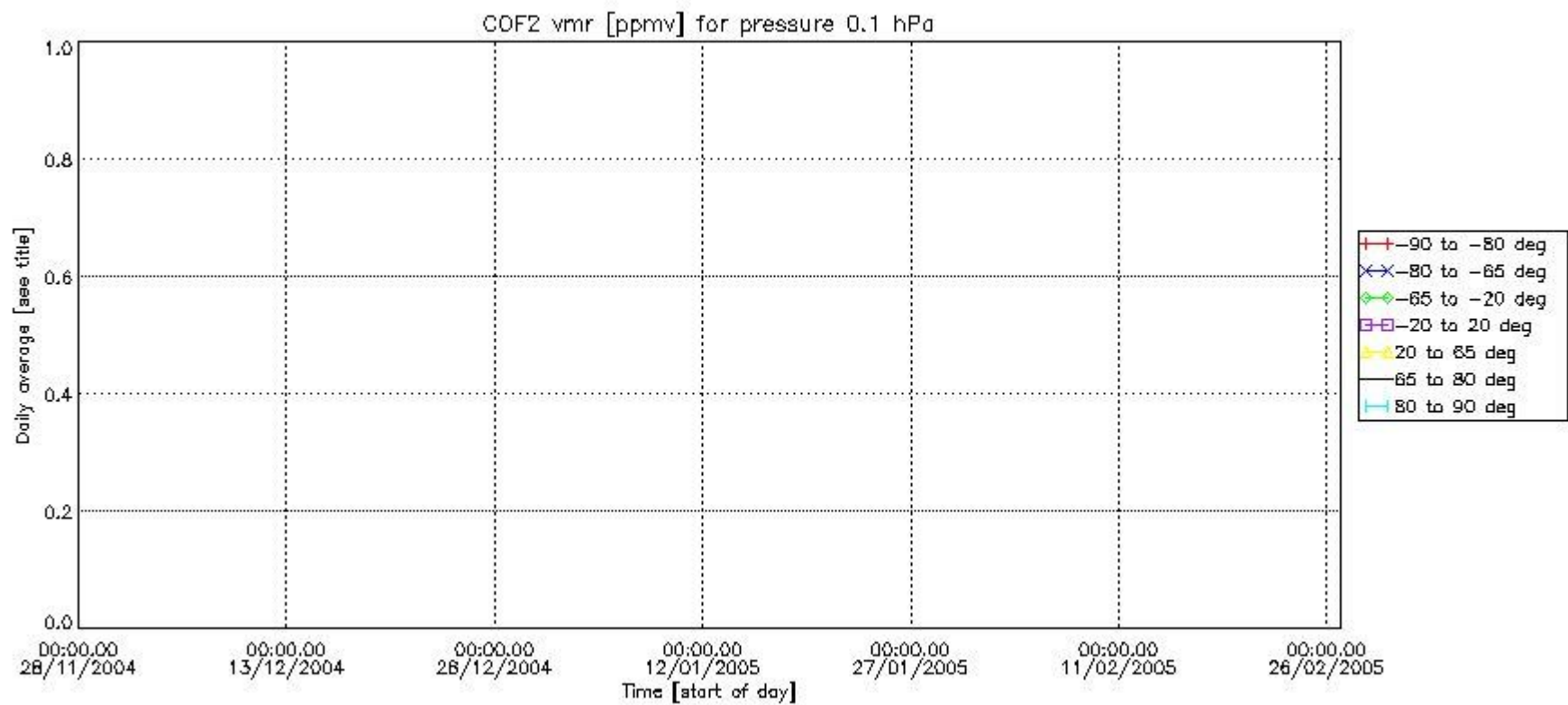


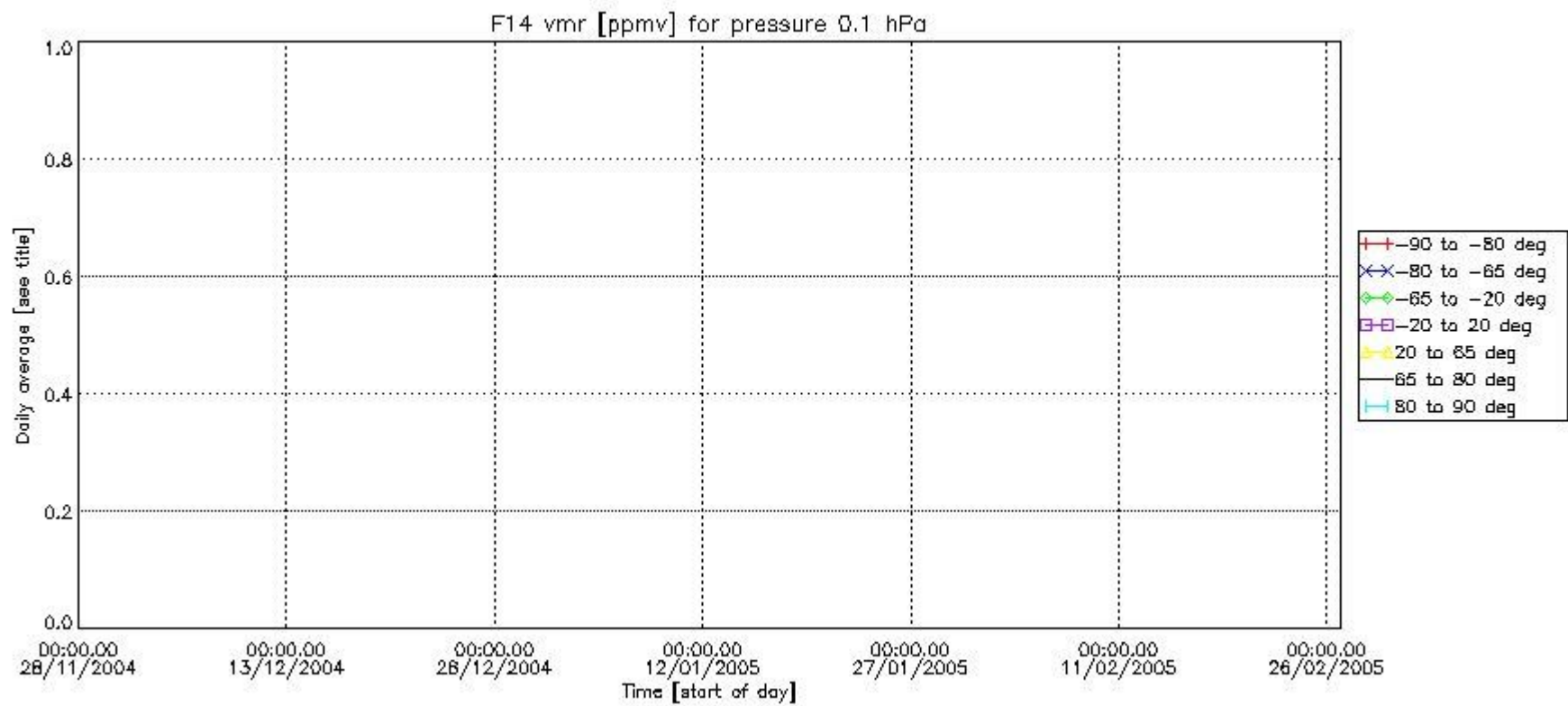
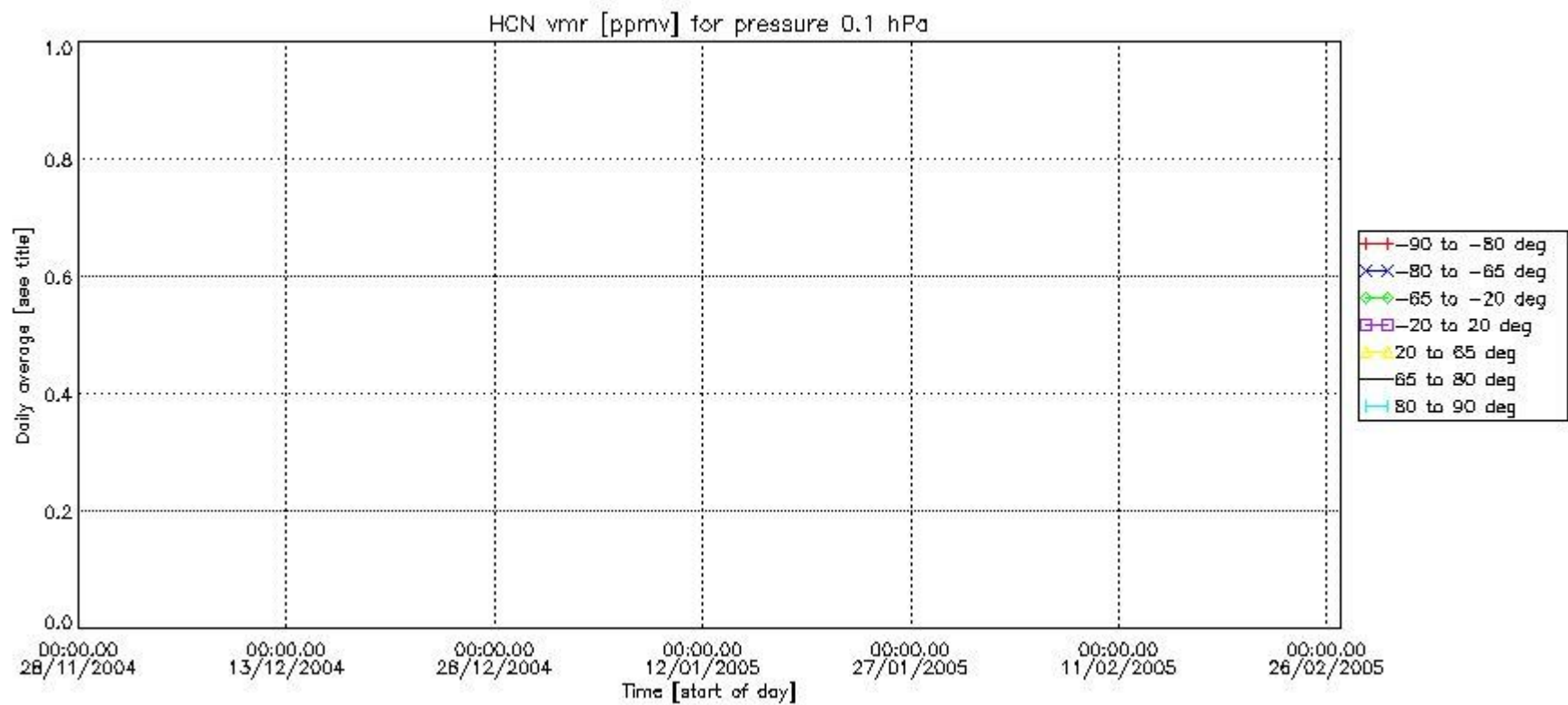


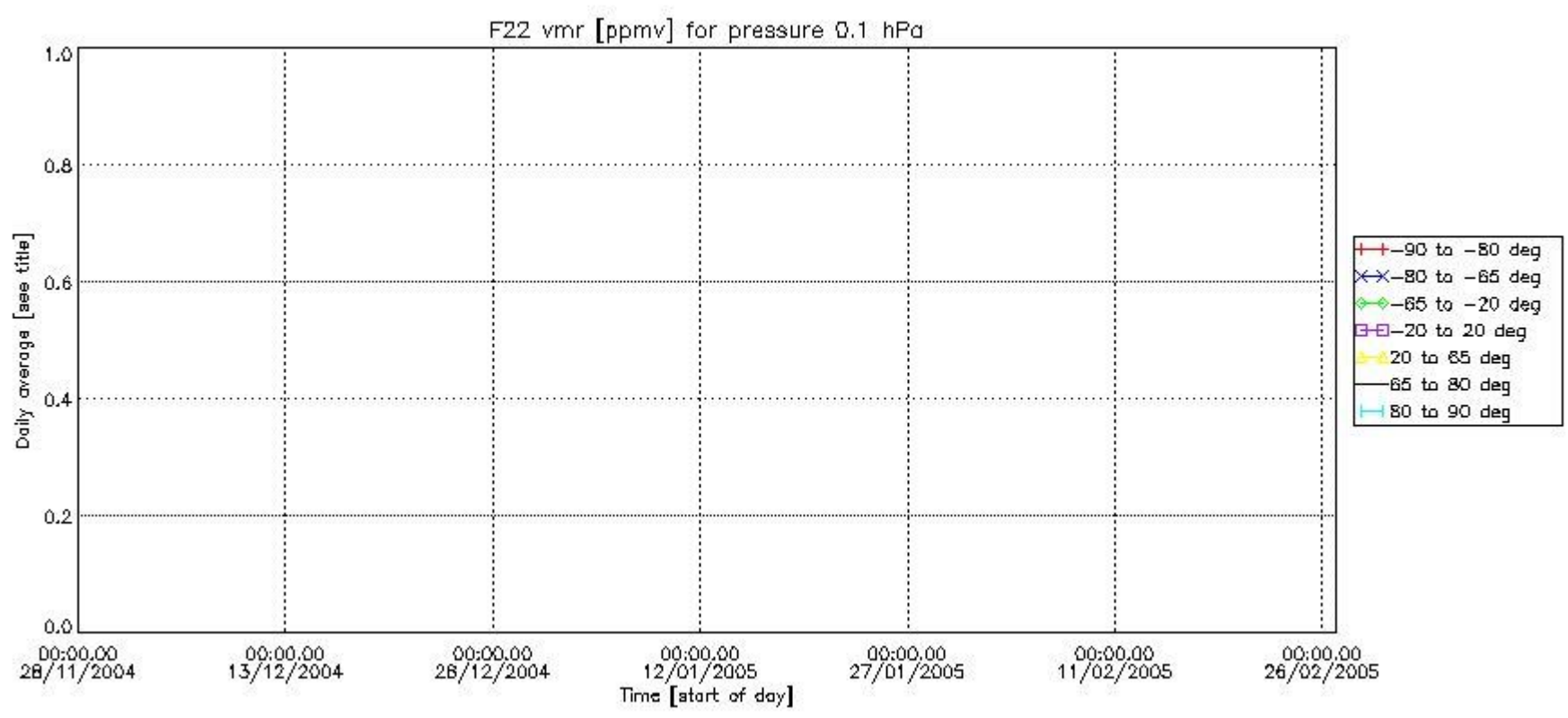












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

