

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20050214.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 08:39:28
Data source version	ML2PP/7.03-W
Processing scope for products	14FEB2005 00:00:00 to 15FEB2005 00:00:00
Start time of first product within scope	14FEB2005 09:07:29
Stop time of last product within scope	14FEB2005 17:43:42
Total number of level 2 products	4
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__2PWDSI20050214_090729_000052602034_00394_15478_1000.N1	14FEB2005 09:07:29	14FEB2005 10:35:09	0	84/84	<b>VMR_TERM_MACRO_MICRO[F14/macro:1; N2O5/micro:1]</b>
1	MIP_NL__2PWDSI20050214_121706_000059982034_00396_15480_1000.N1	14FEB2005 12:17:06	14FEB2005 13:57:04	0	93/93	<b>VMR_TERM_MACRO_MICRO[F14/macro:1]</b>
2	MIP_NL__2PWDSI20050214_135710_000060302034_00397_15481_1000.N1	14FEB2005 13:57:10	14FEB2005 15:37:40	0	93/93	<b>VMR_TERM_MACRO_MICRO[F14/macro:1]</b>
3	MIP_NL__2PWDSI20050214_171822_000015202034_00399_15483_1000.N1	14FEB2005 17:18:22	14FEB2005 17:43:42	0	21/21	

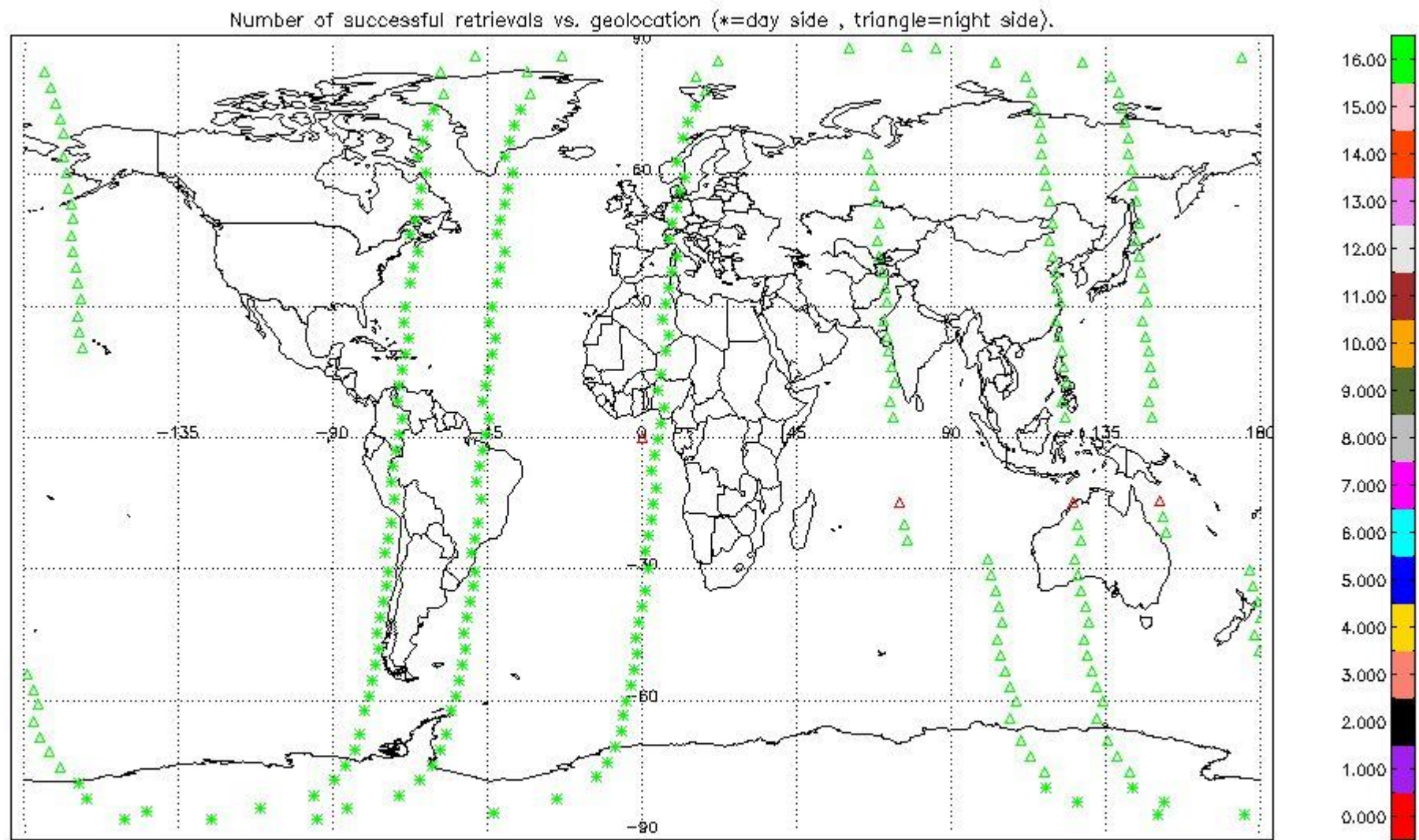
## 2.2 Processing performance indicators

### 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.

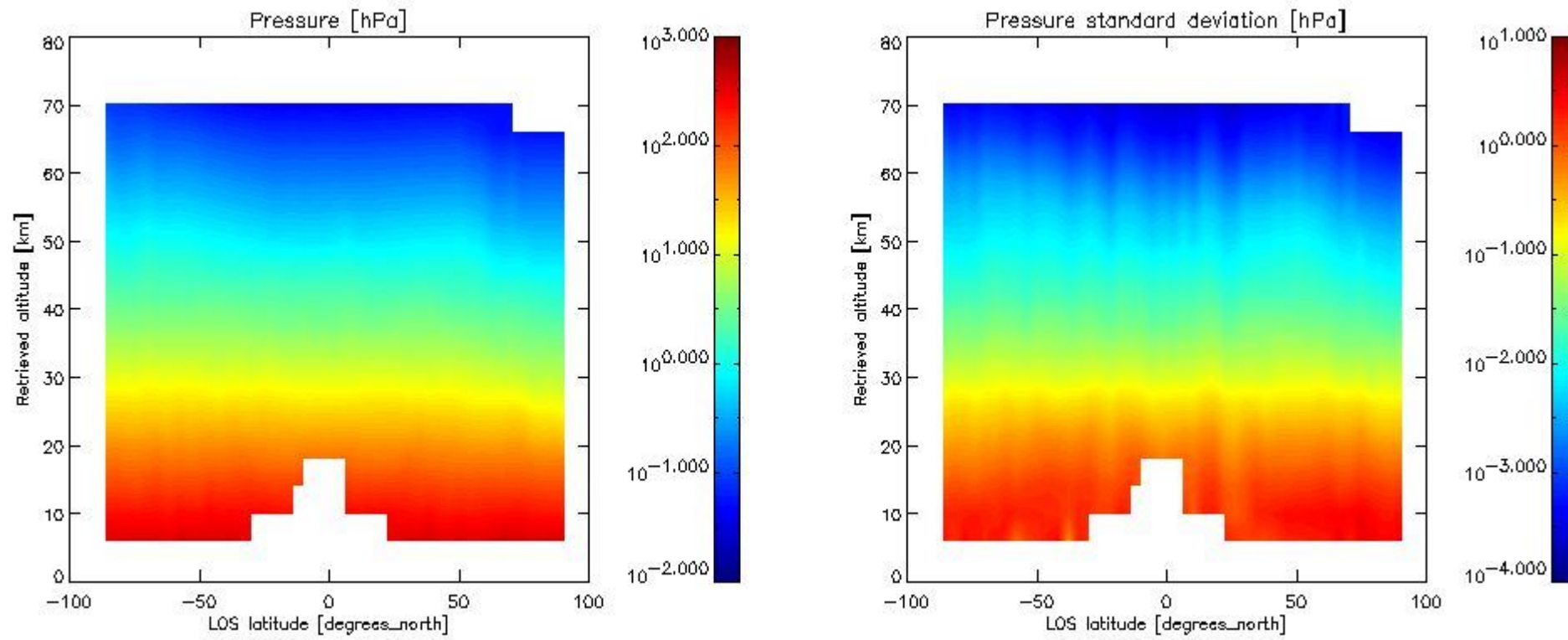
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	291	285	97.938
H2O	291	285	97.938
O3	291	285	97.938
HNO3	291	285	97.938
CH4	291	285	97.938
N2O	291	285	97.938

NO2	291	285	97.938
F11	291	285	97.938
CLNO	291	285	97.938
N2O5	291	285	97.938
F12	291	285	97.938
COF2	291	285	97.938
CCL4	291	285	97.938
HCN	291	285	97.938
F14	291	285	97.938
F22	291	285	97.938



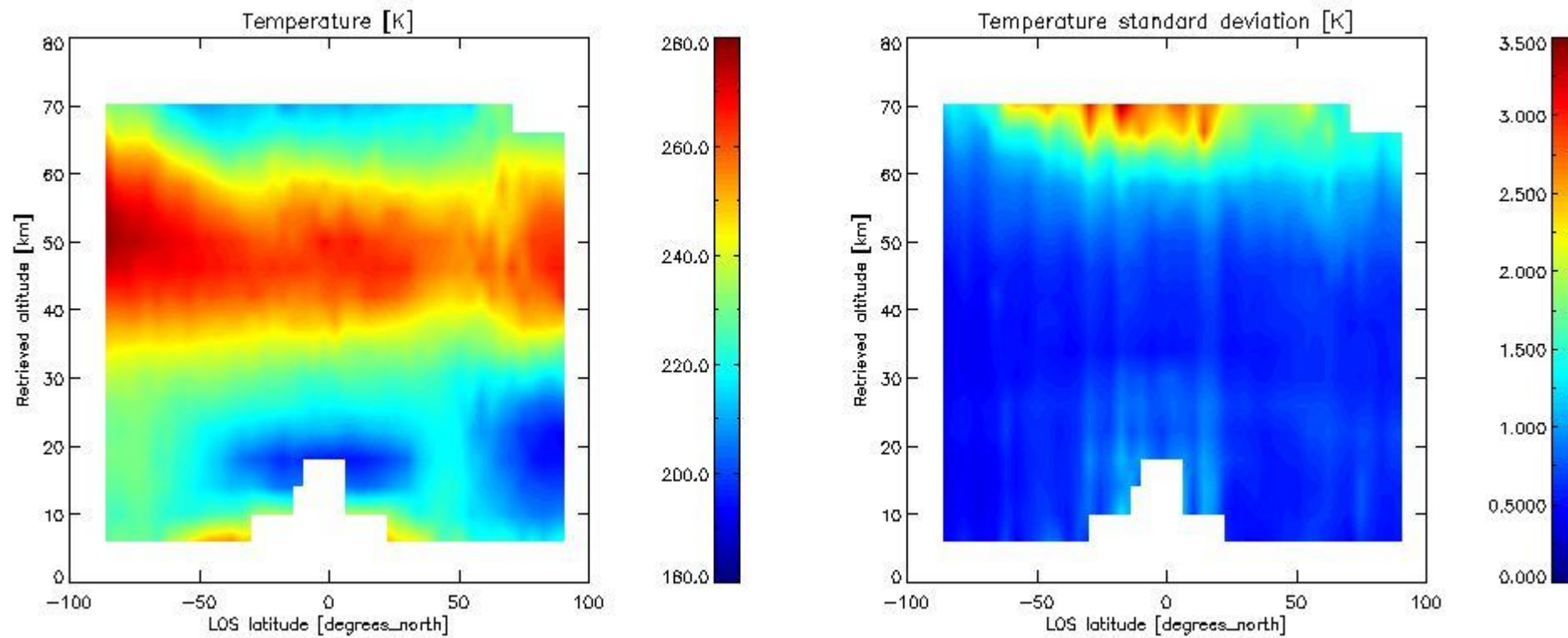
### 2.2.2 Pressure overview

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

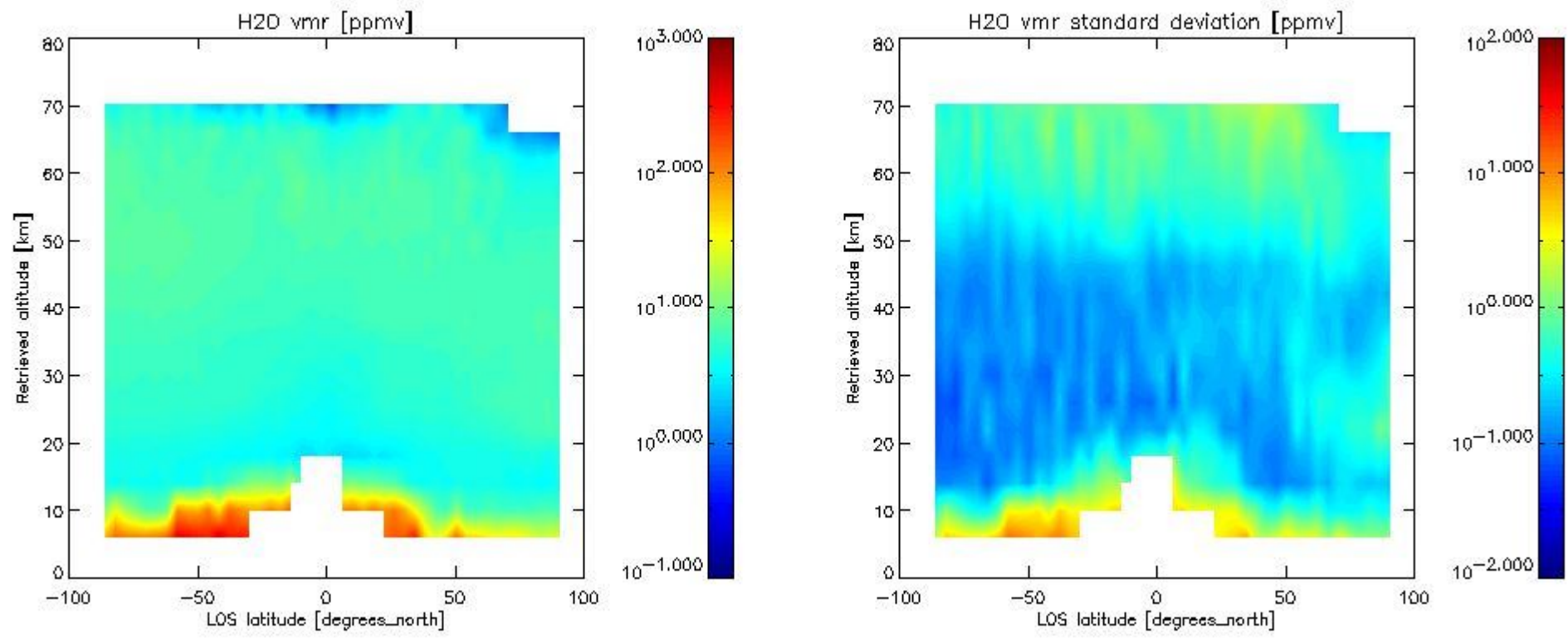
This section shows values (left) and error (right) for temperature after binning individual sweep values over retrieved altitude and tangent latitude.



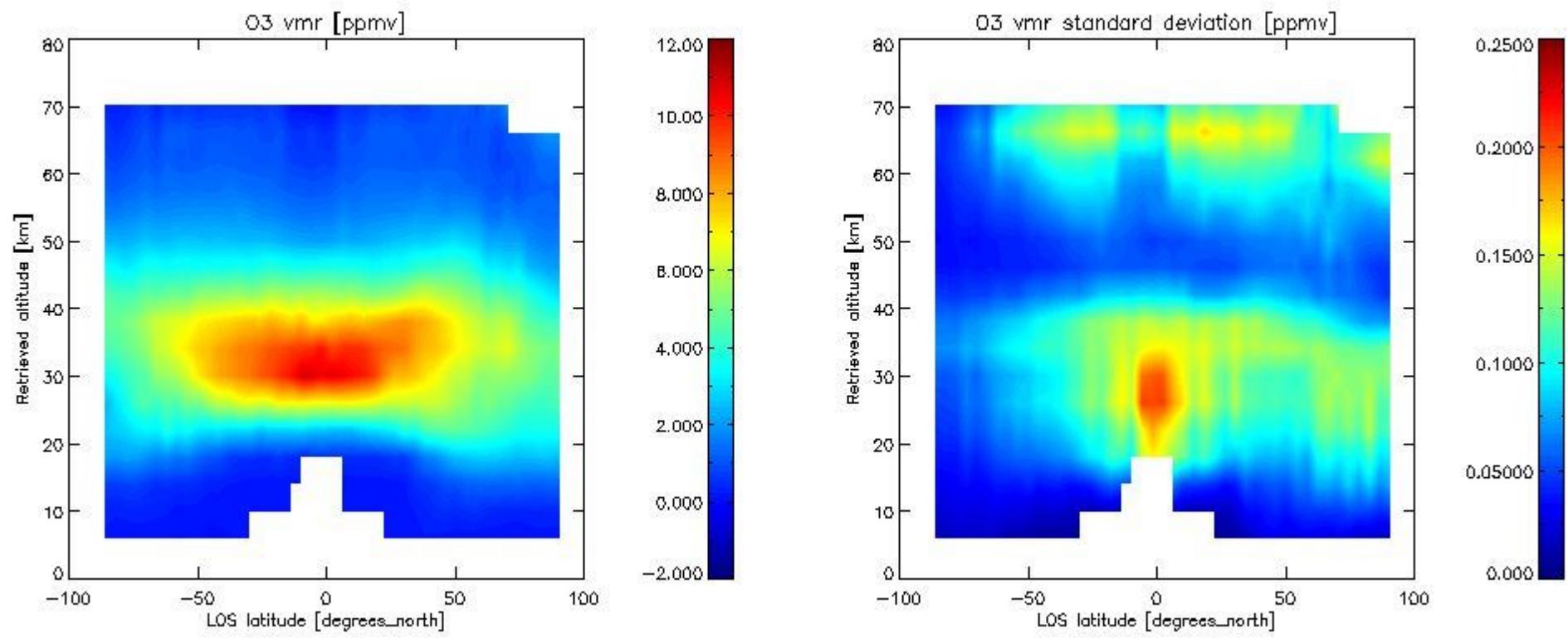
### 2.2.4 Species overview

**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.

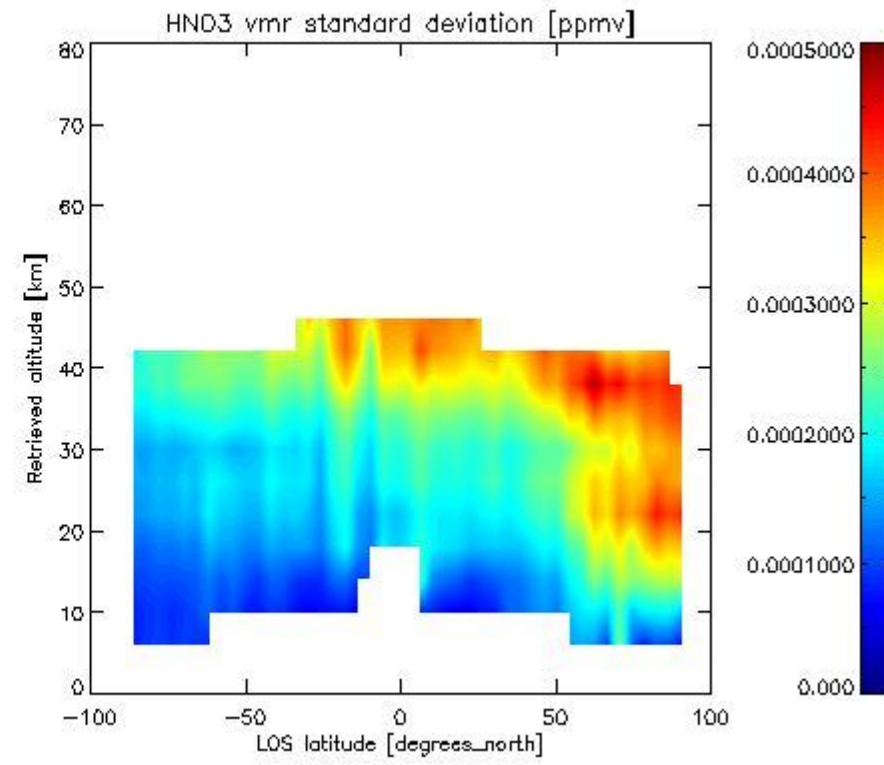
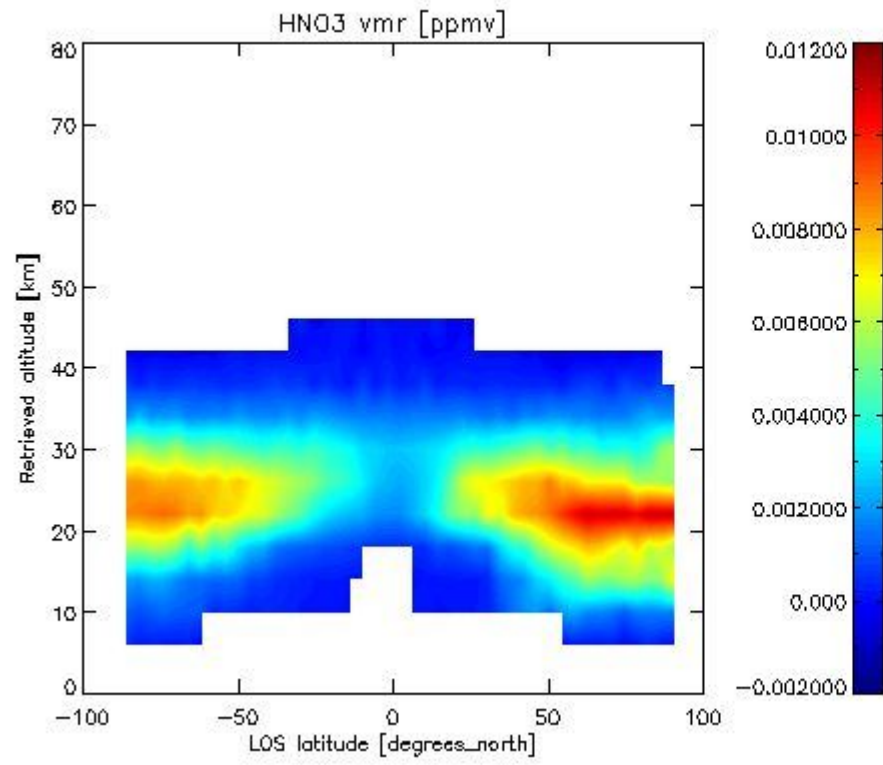




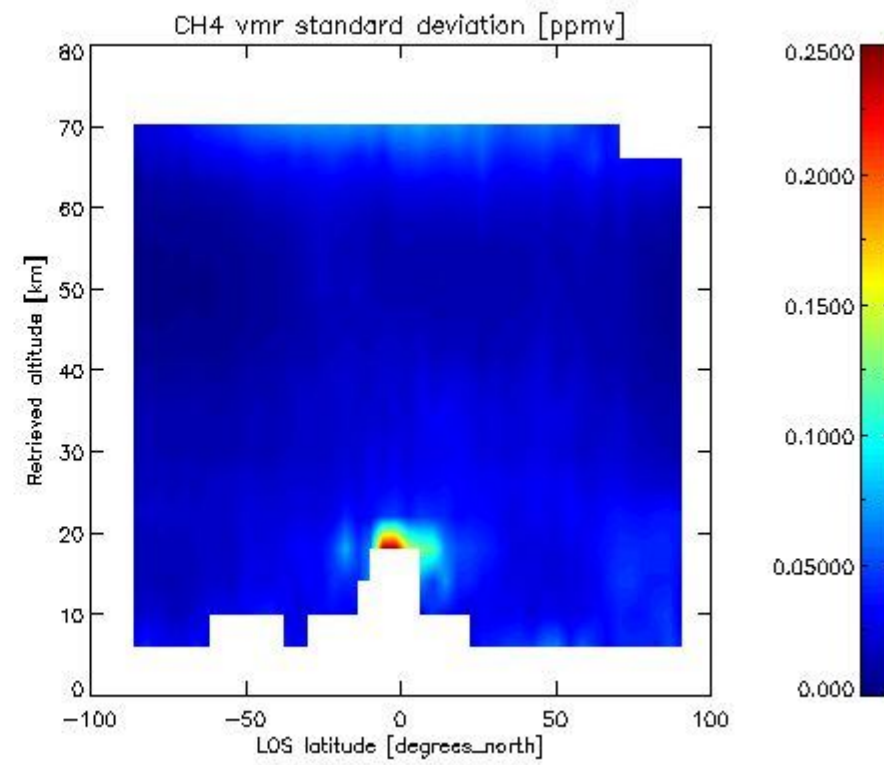
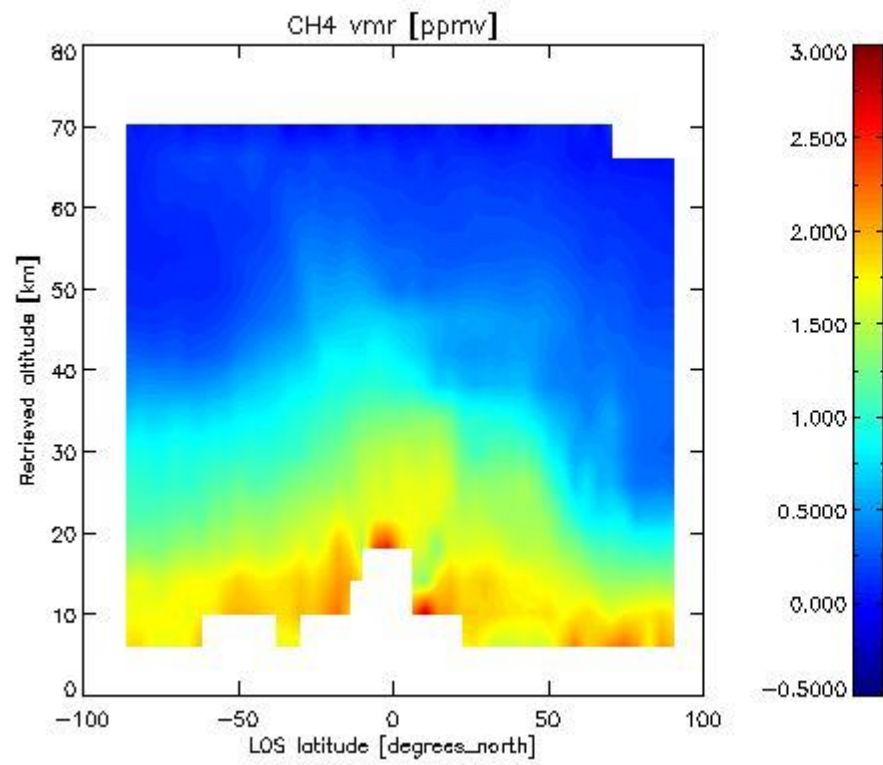
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



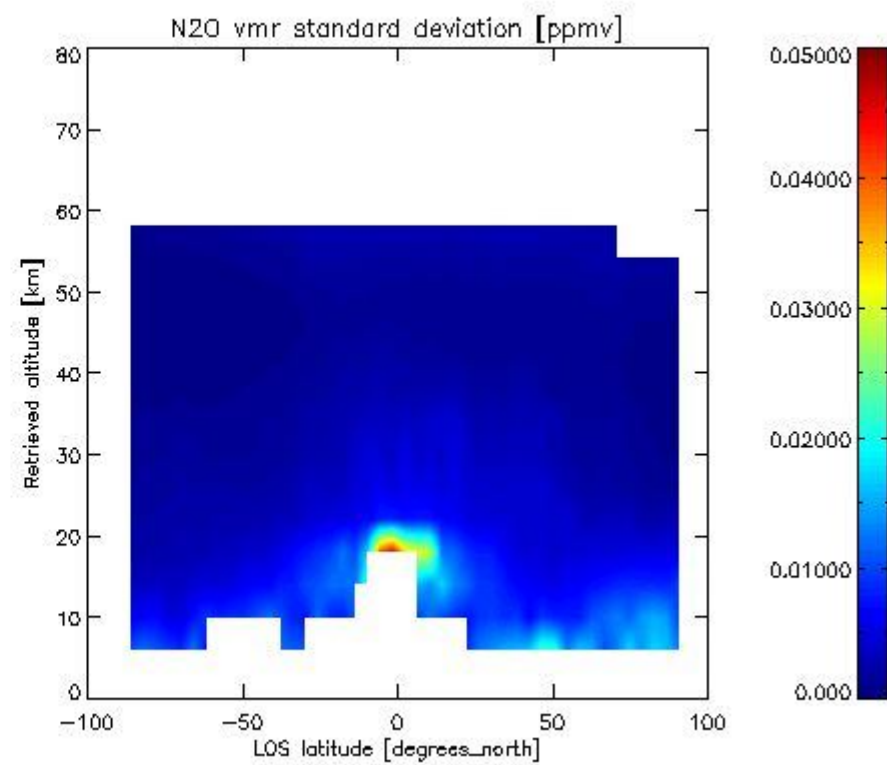
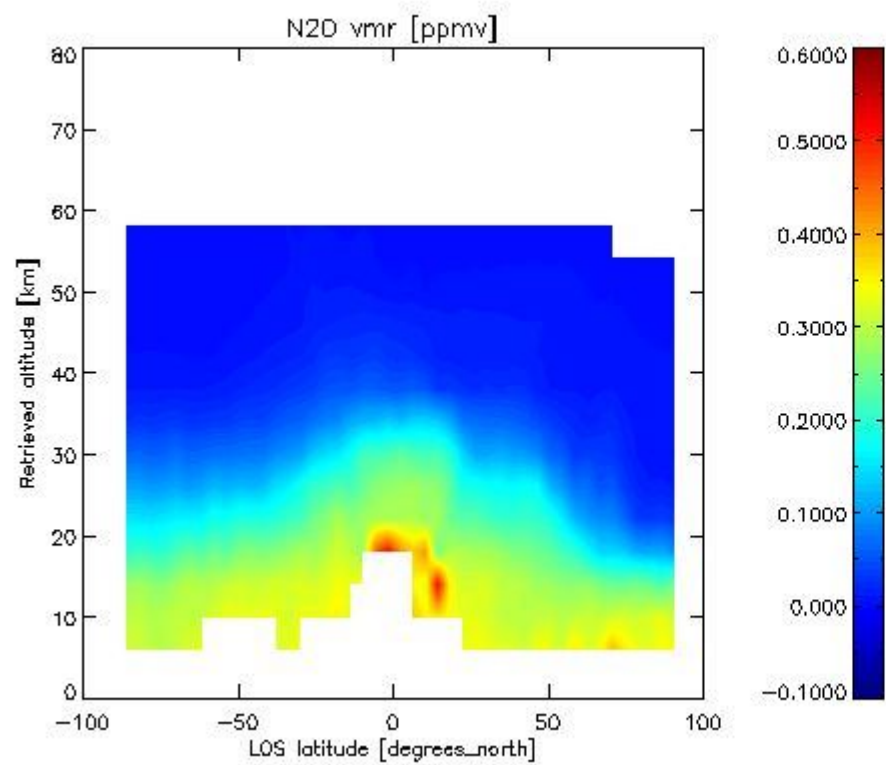
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



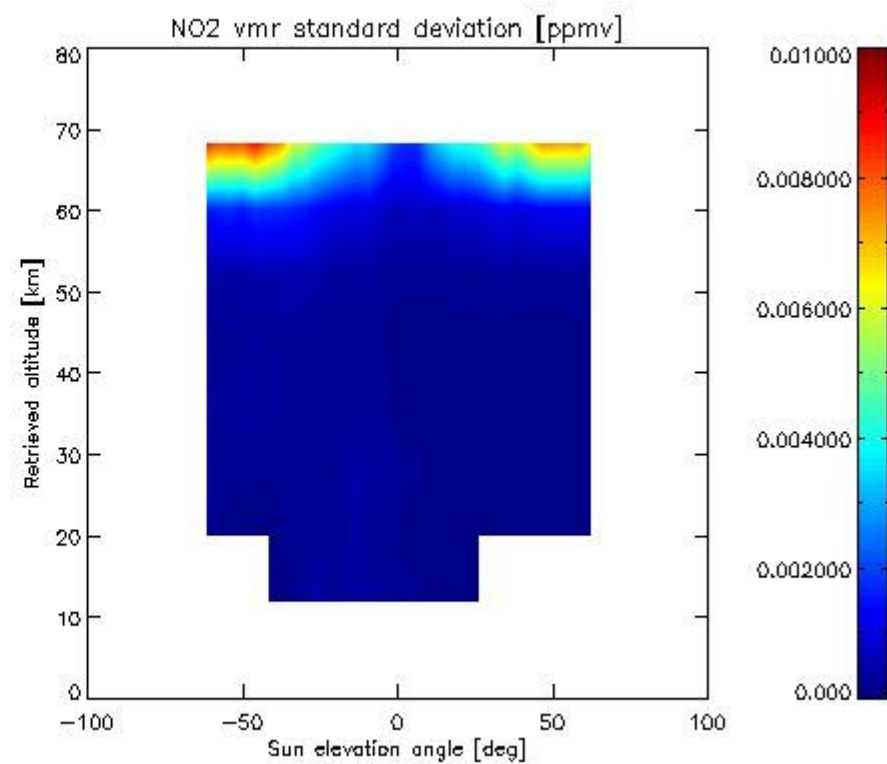
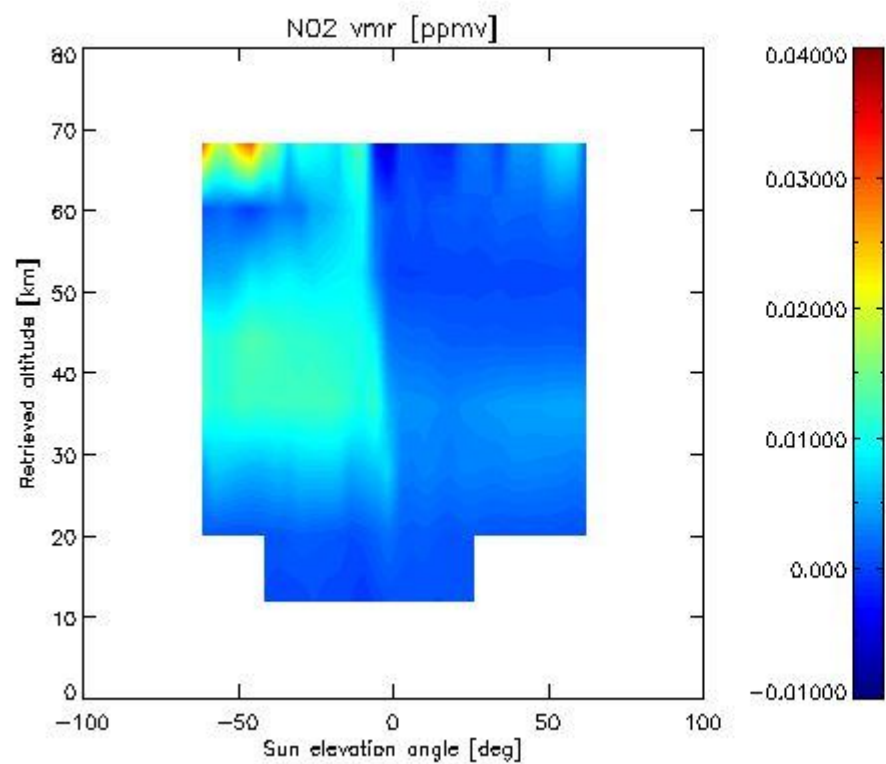
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



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.

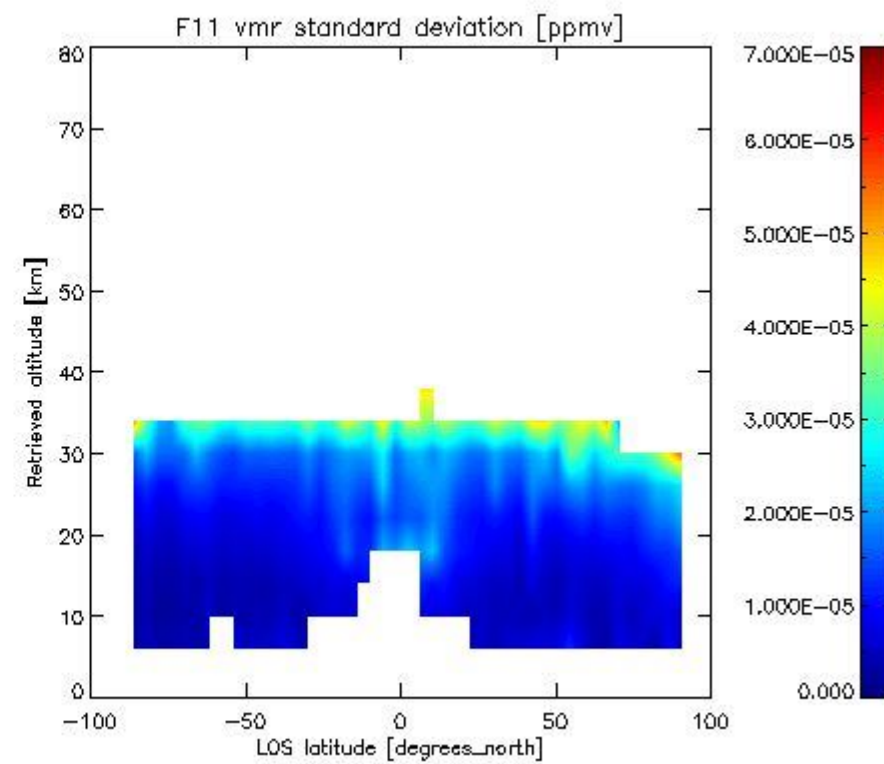
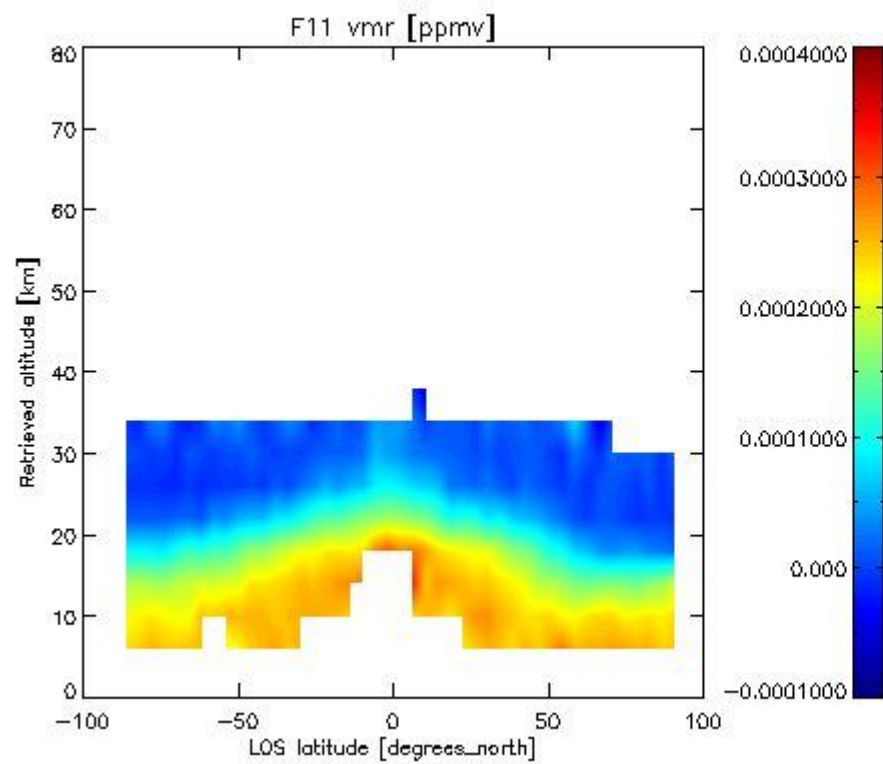


2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 8 km.

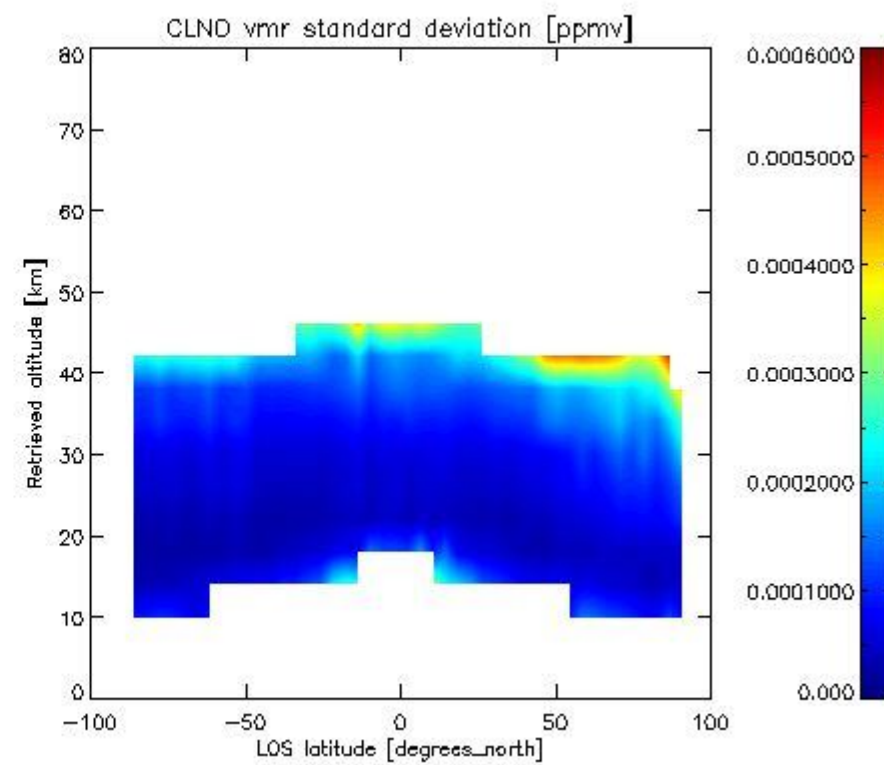
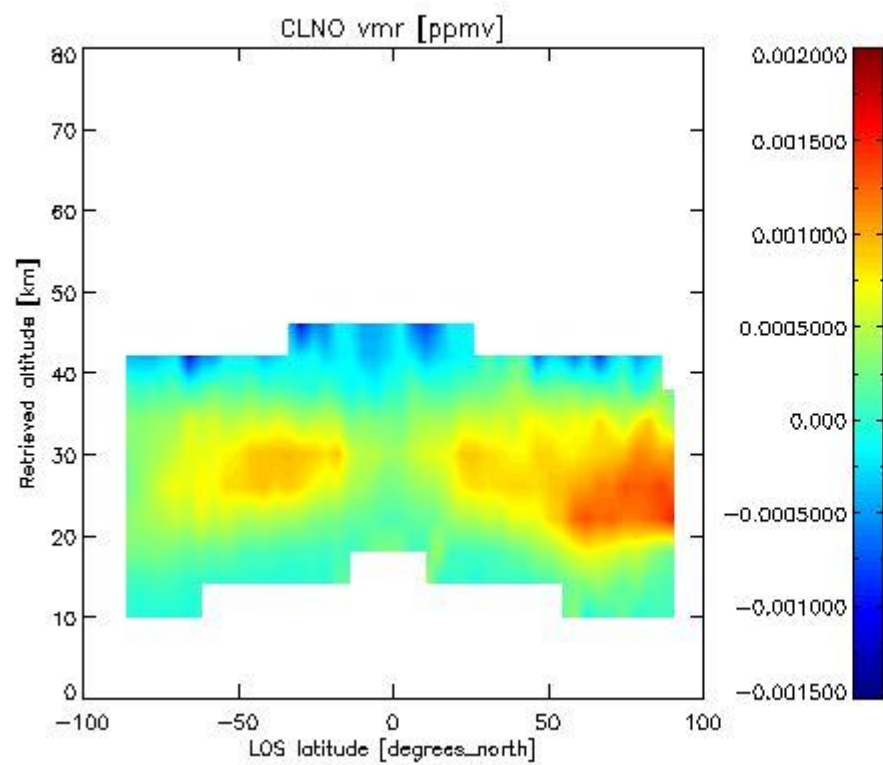


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

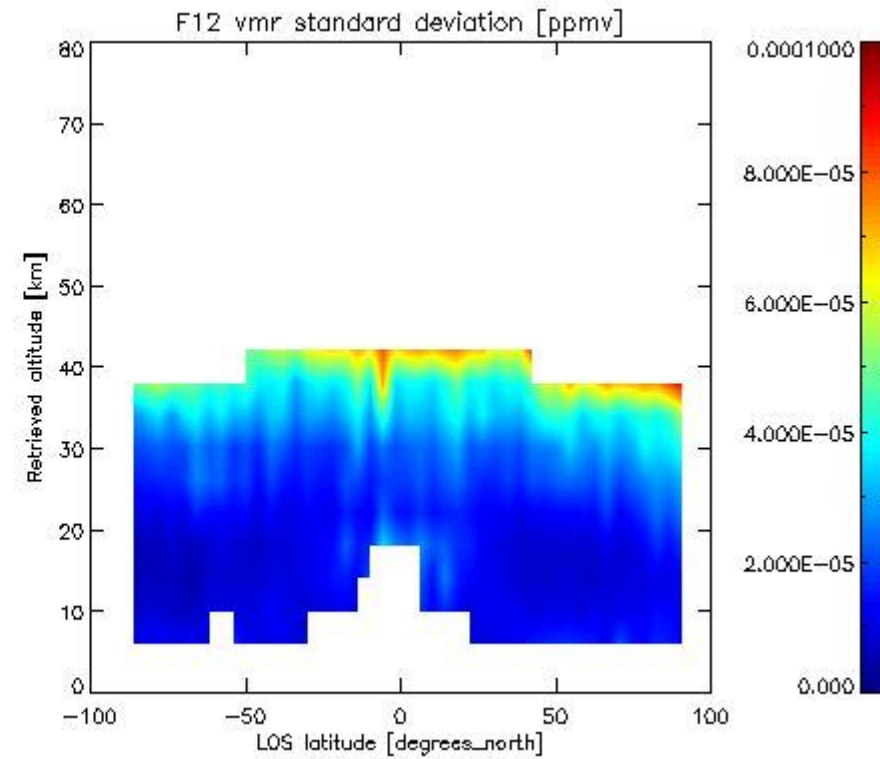
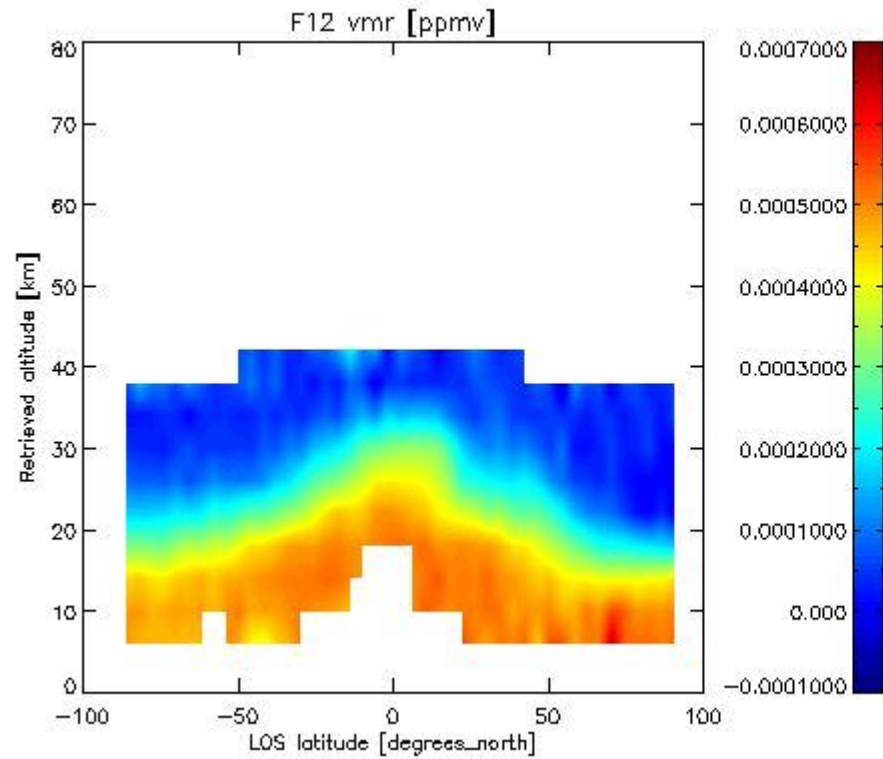
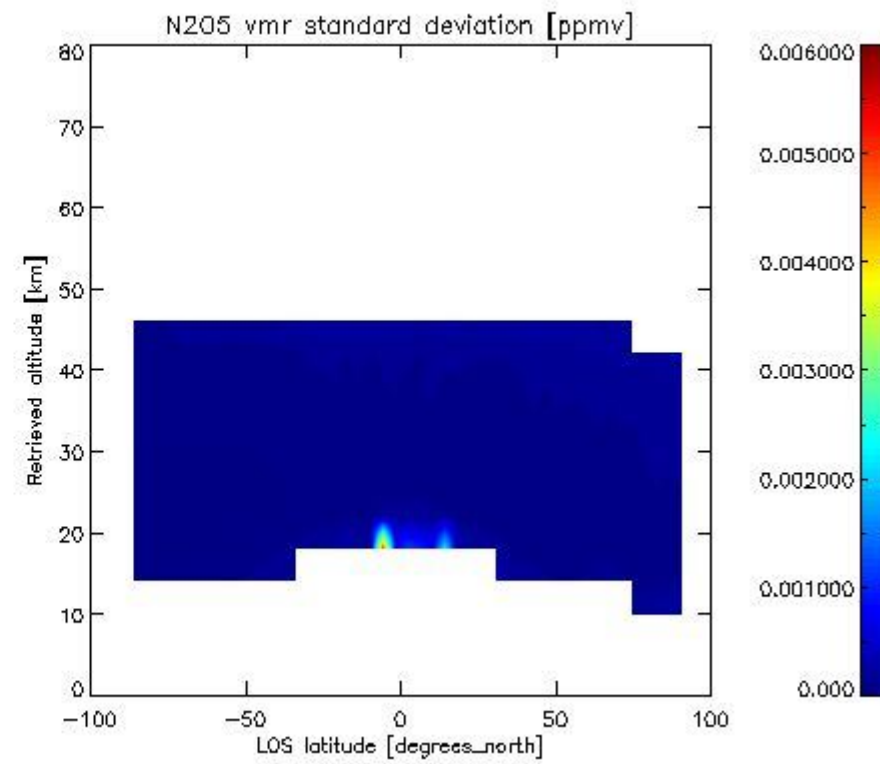
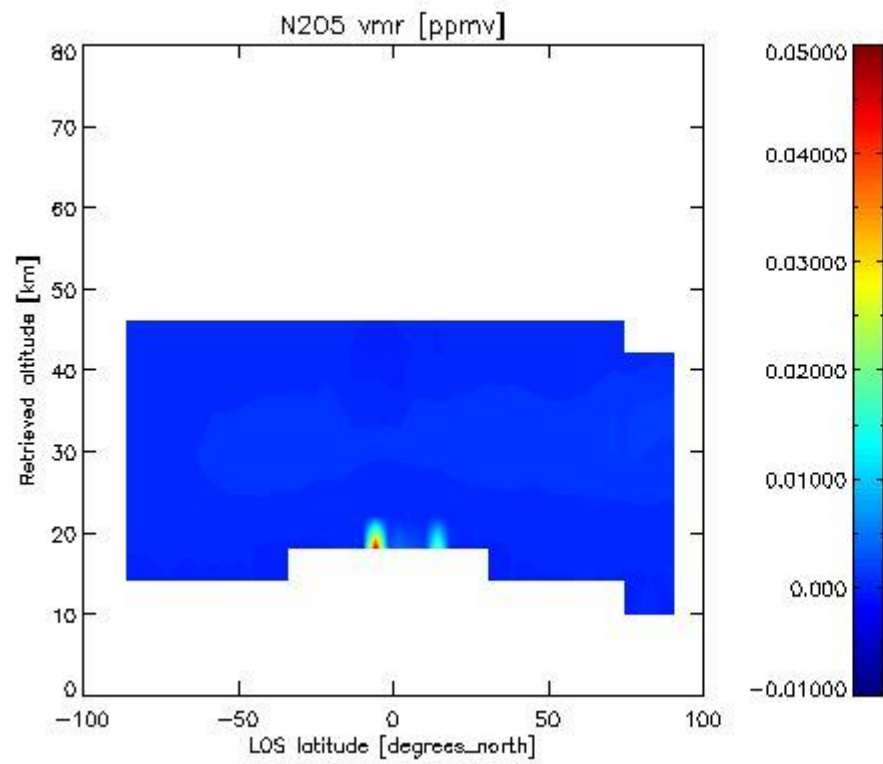




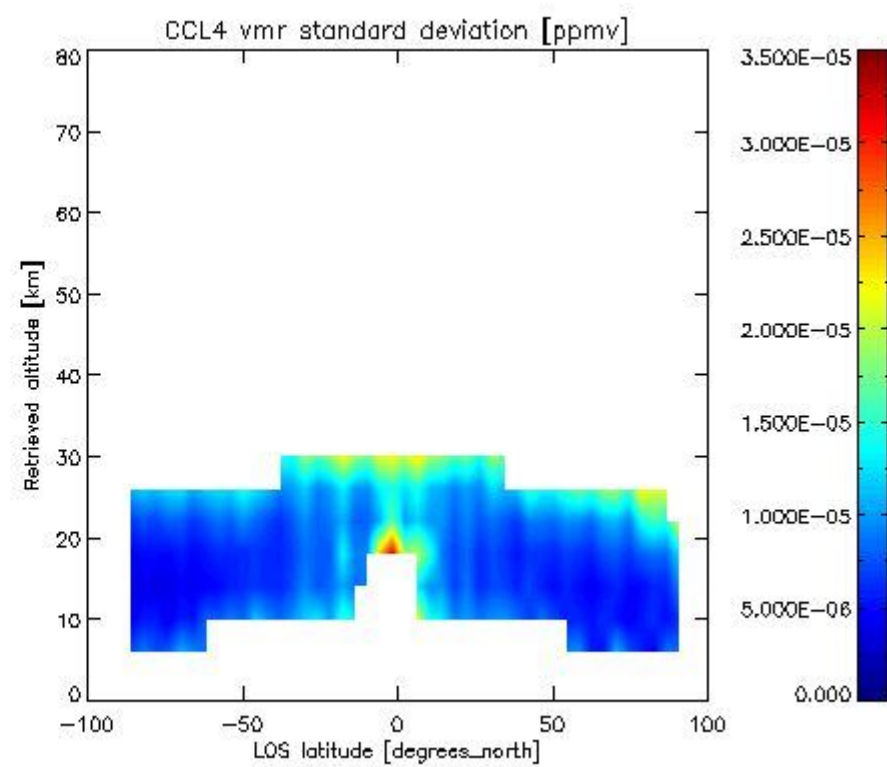
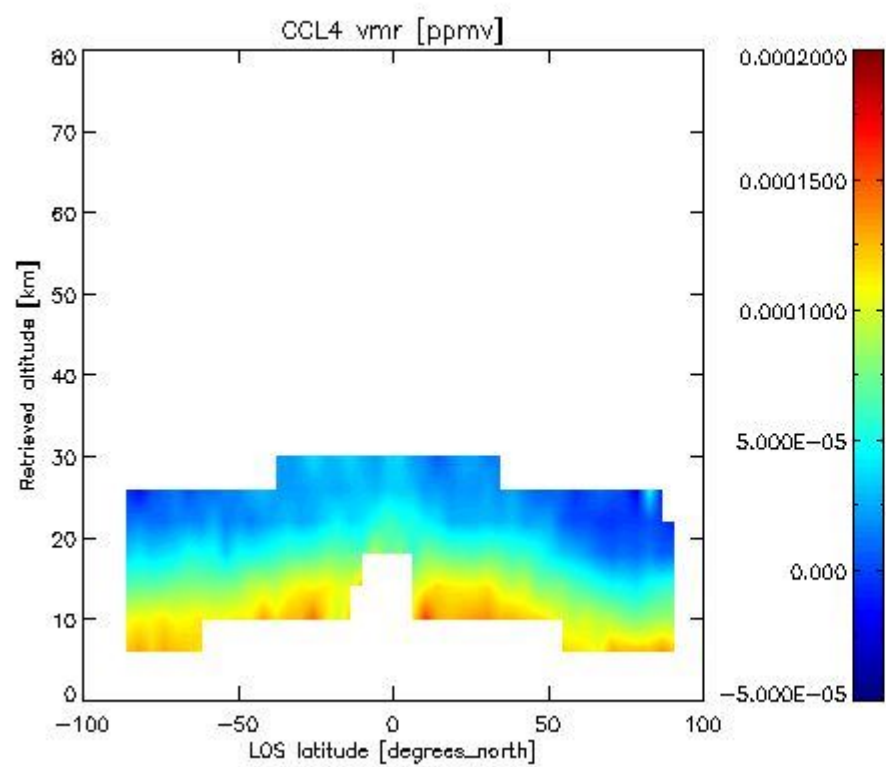
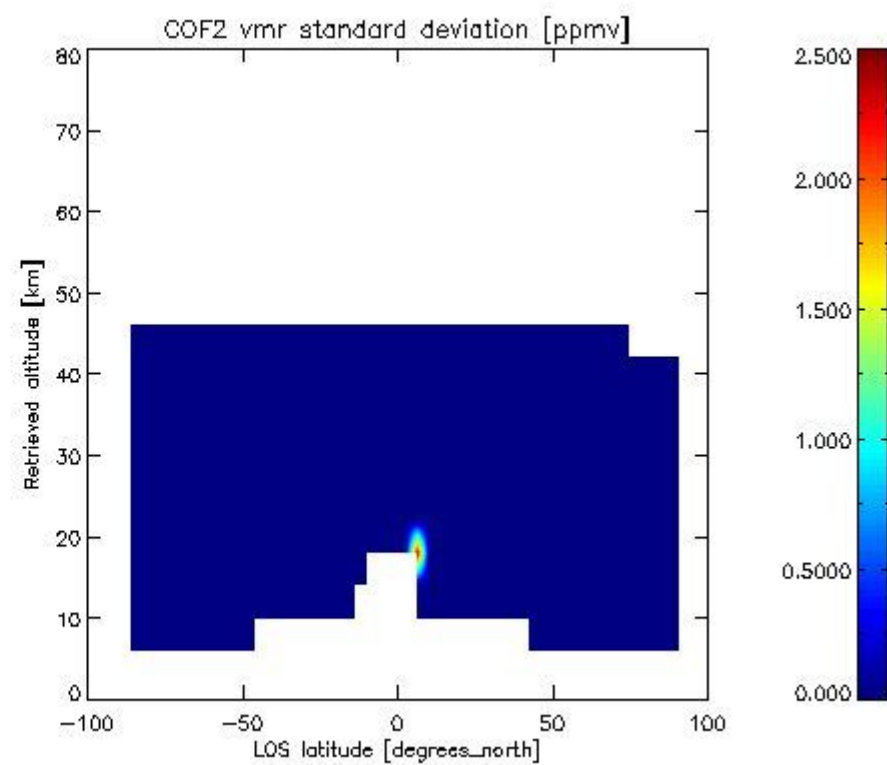
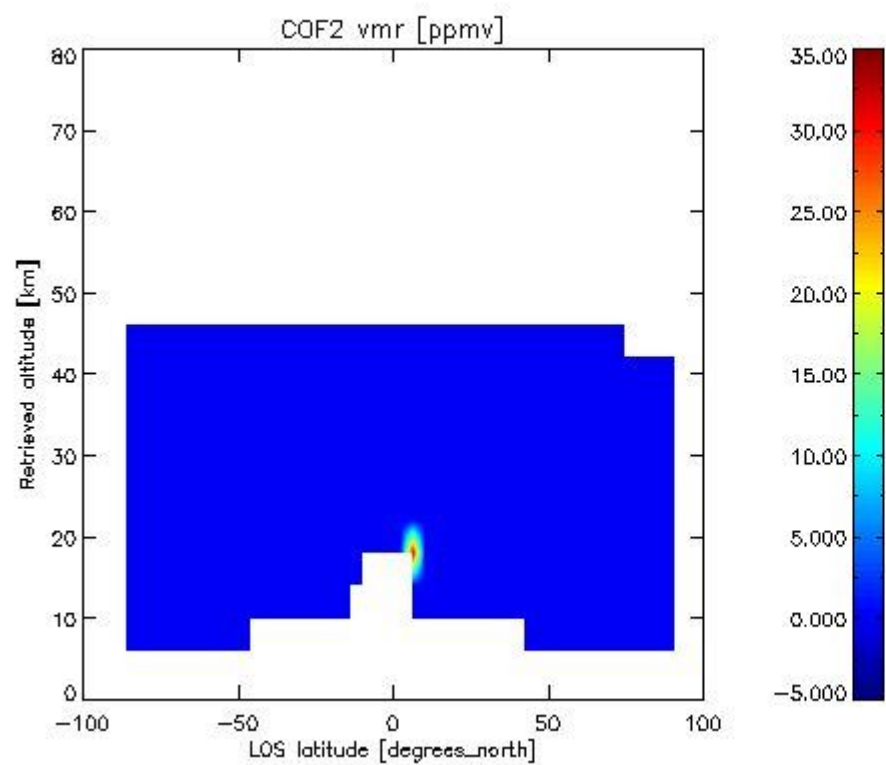
2.3.4.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

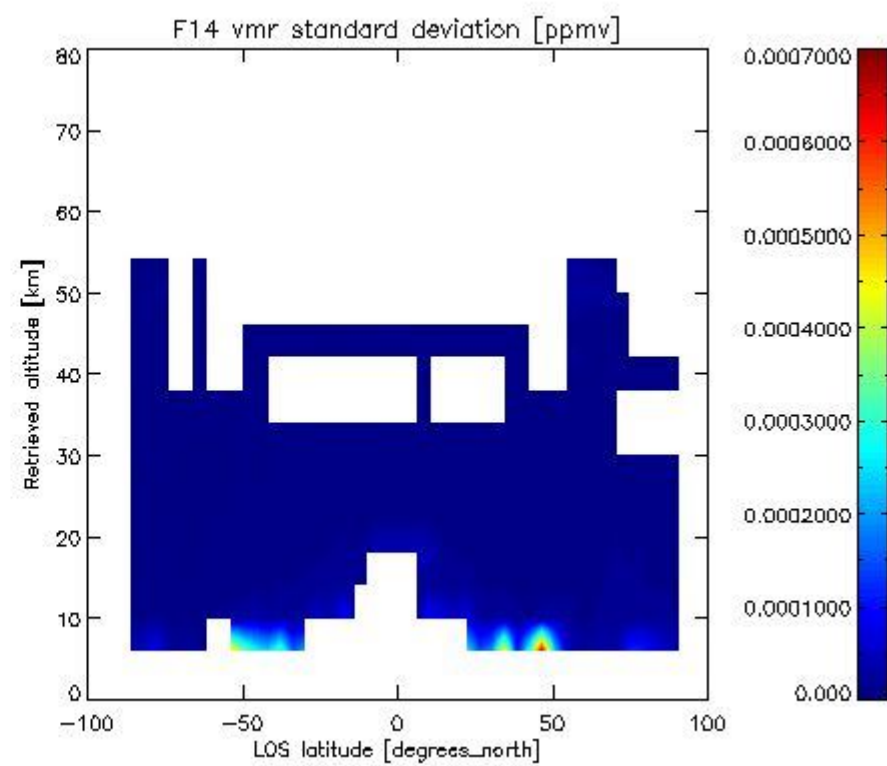
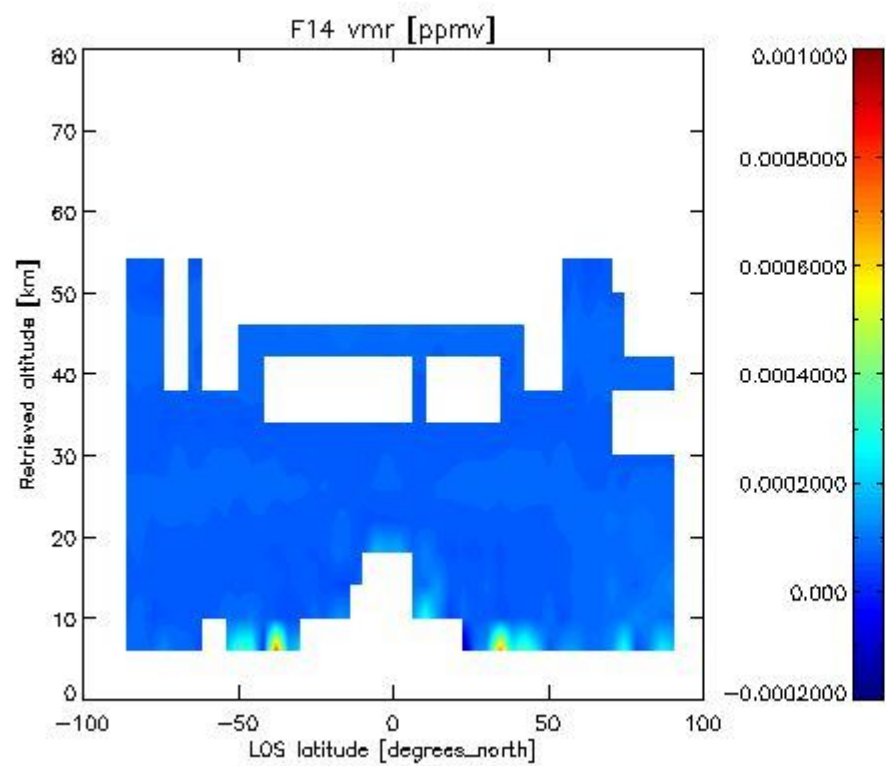
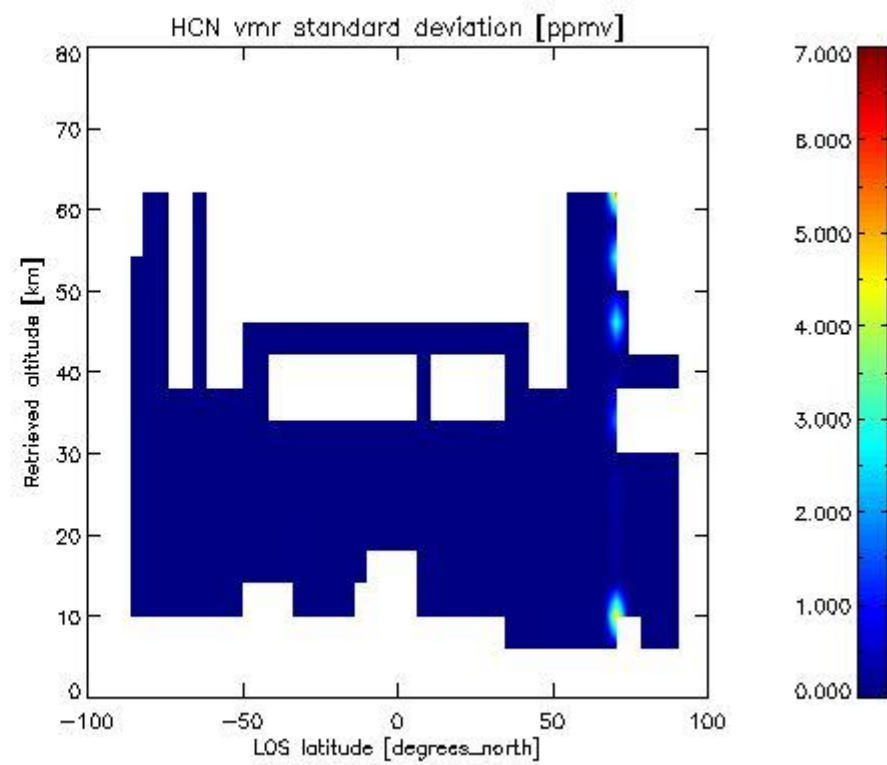
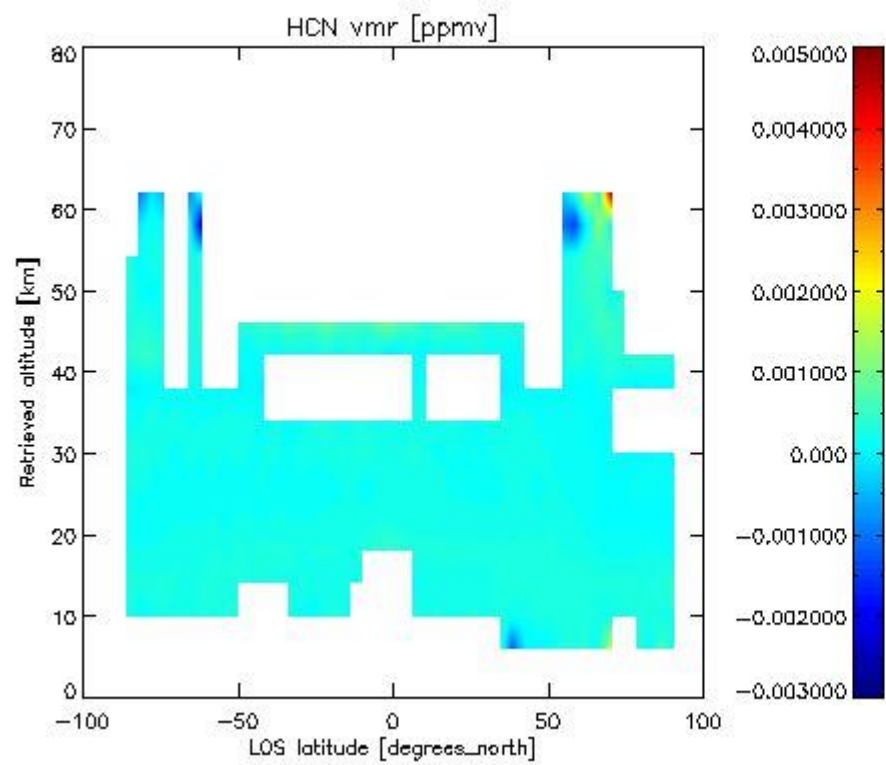


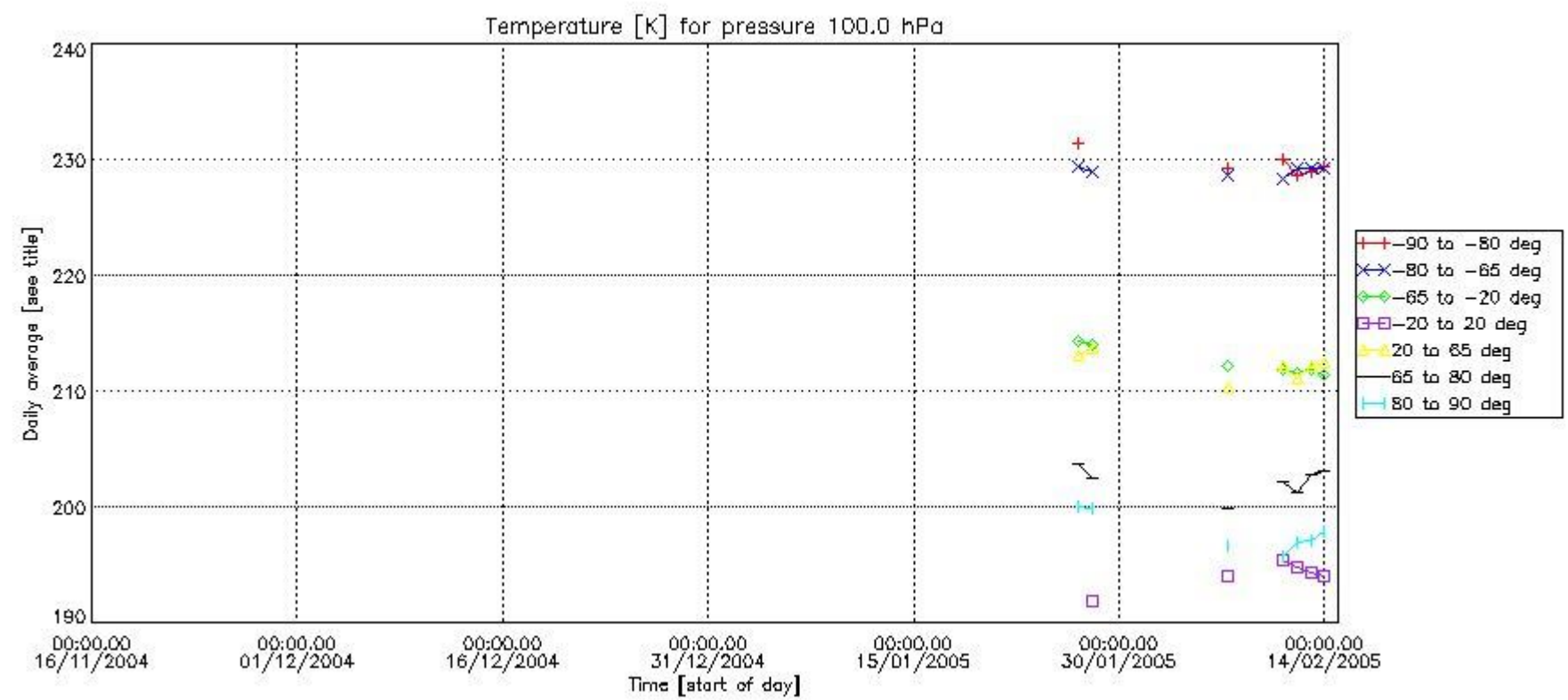
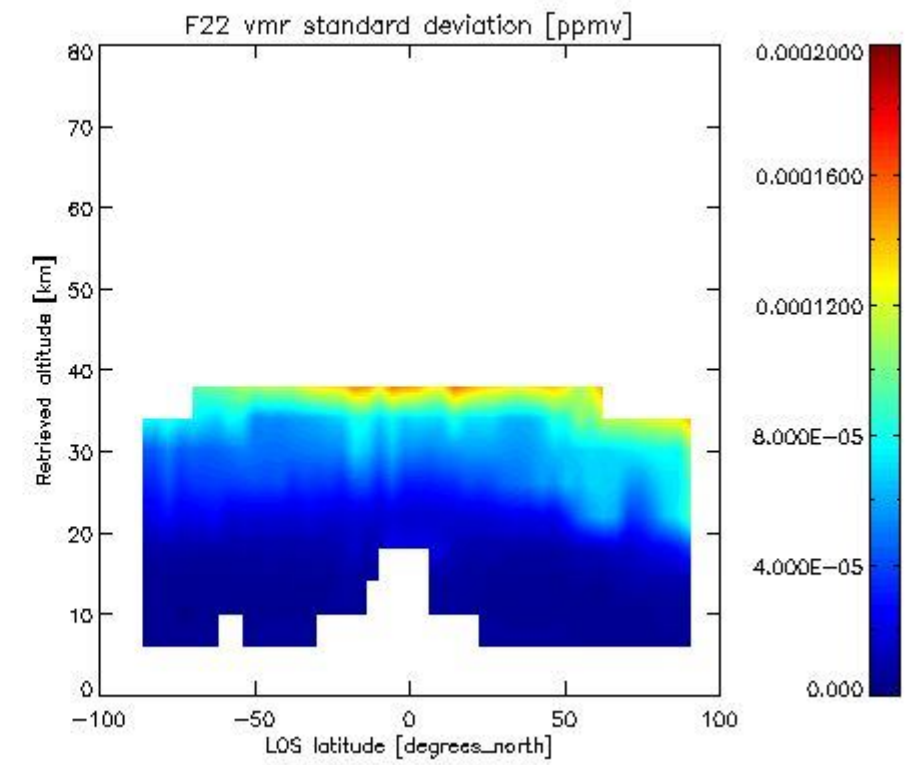
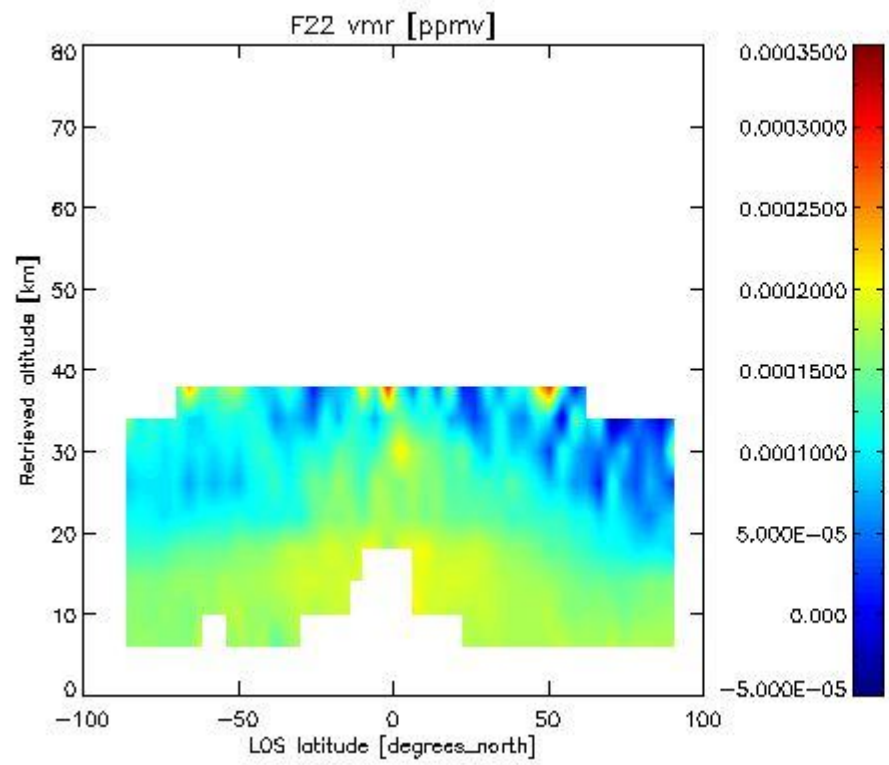
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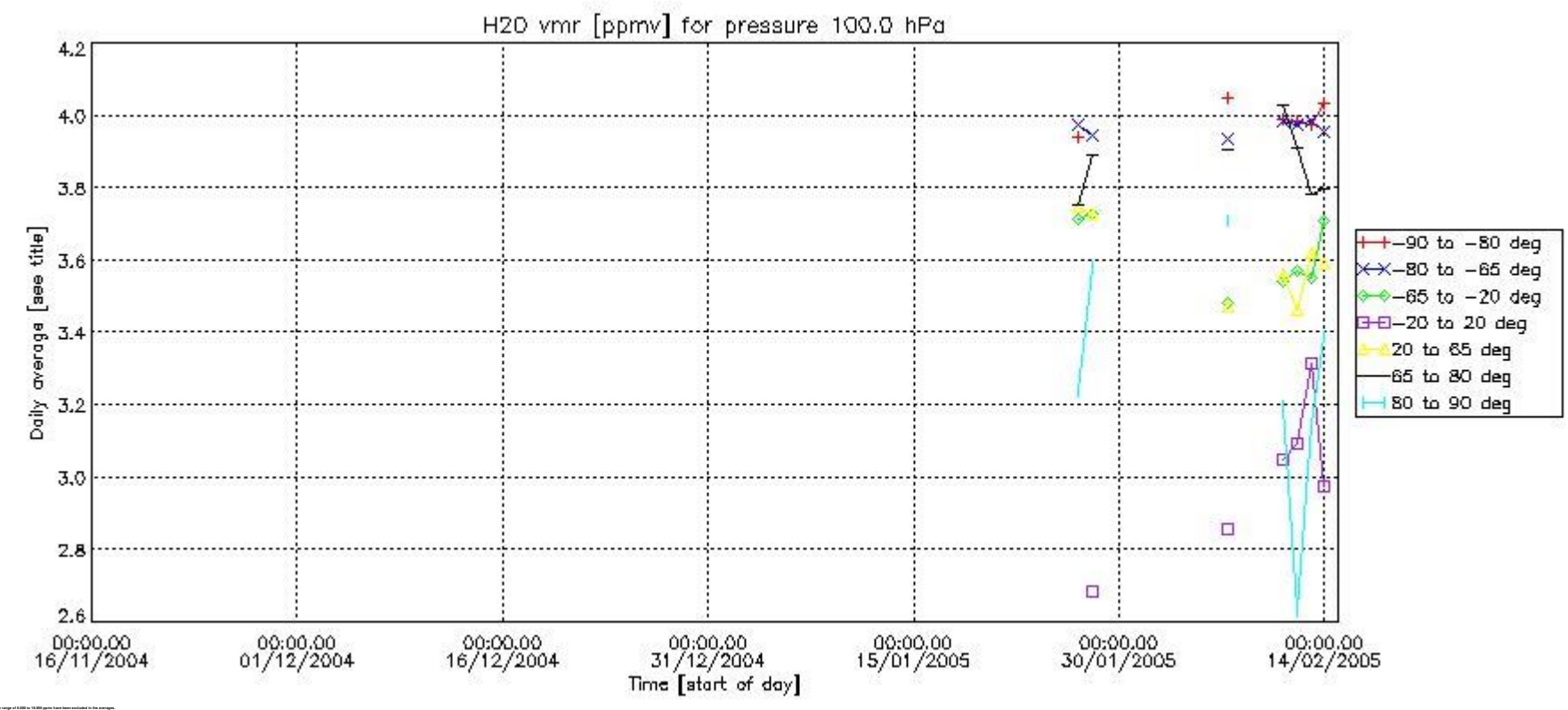
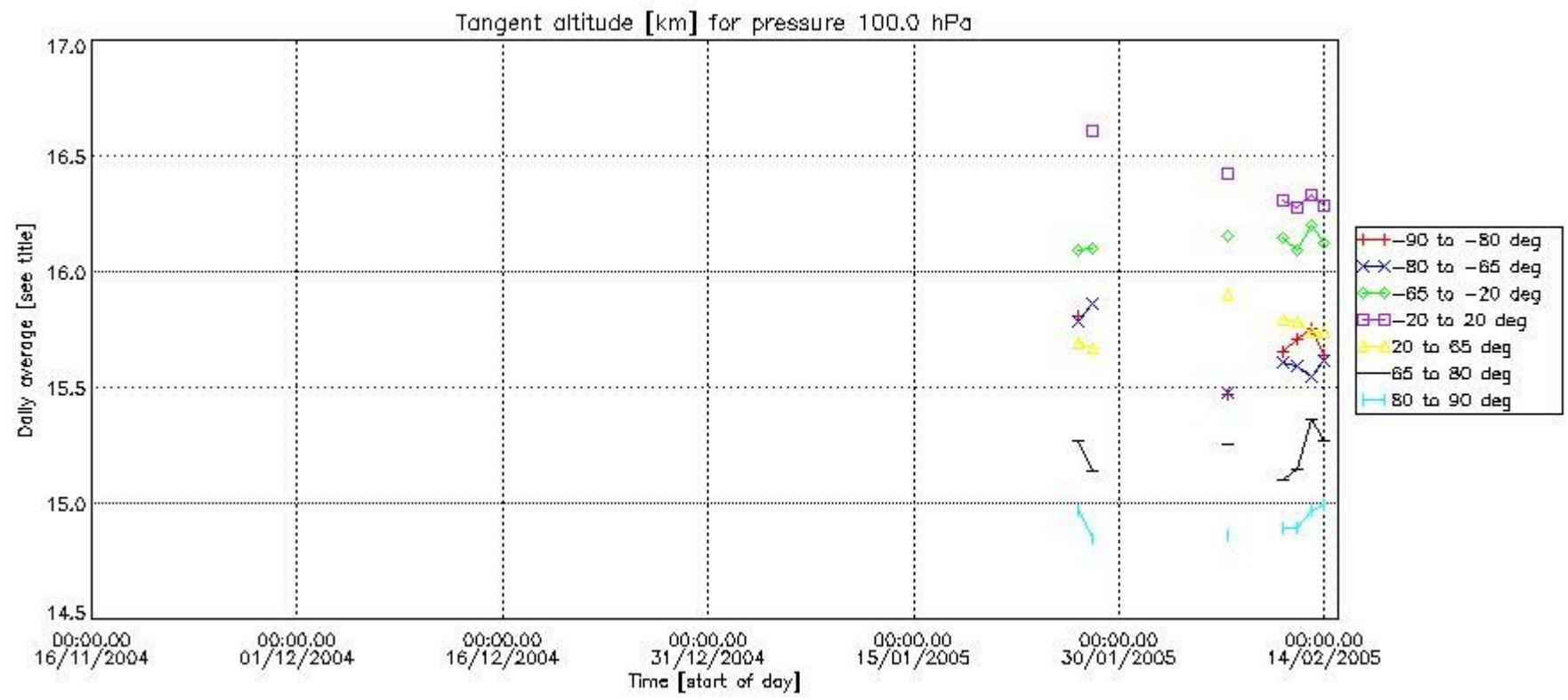


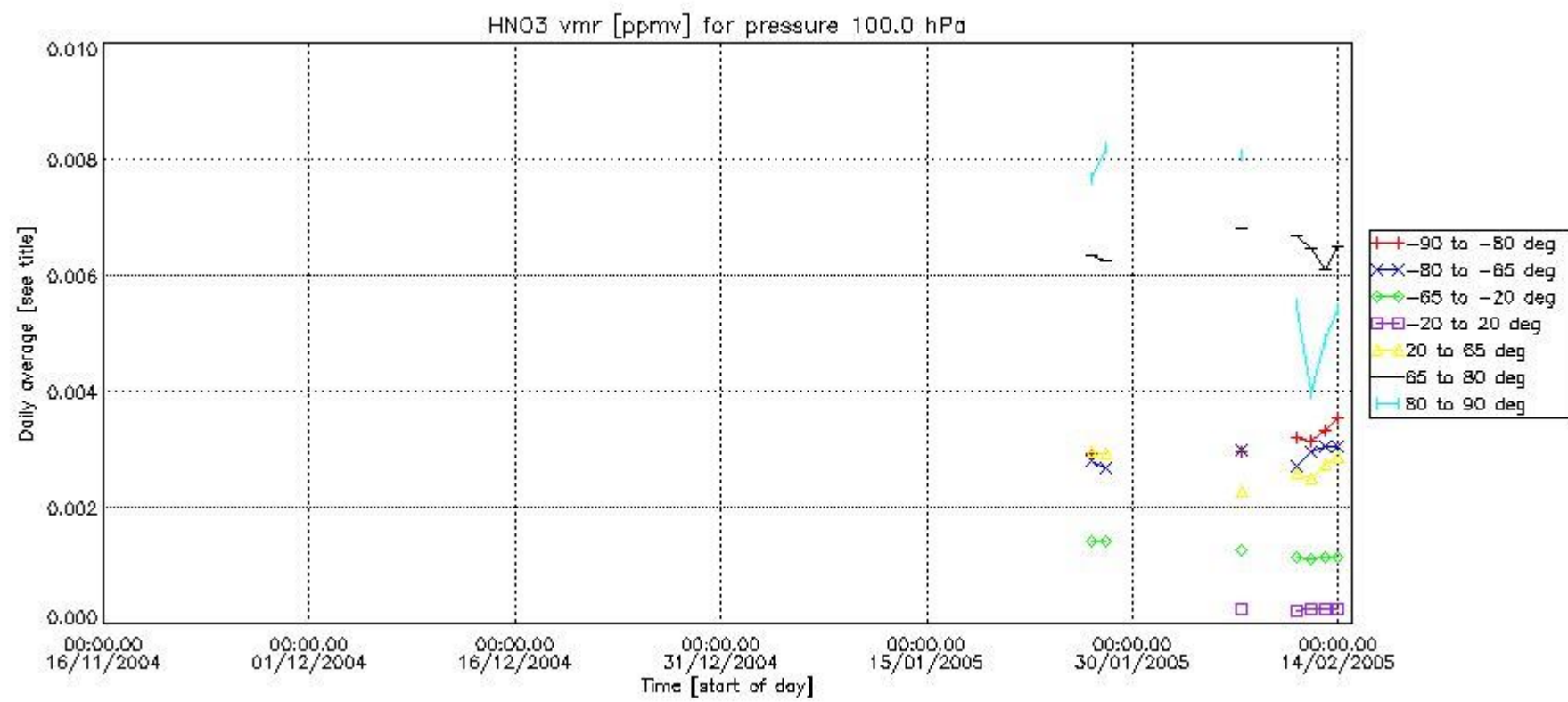
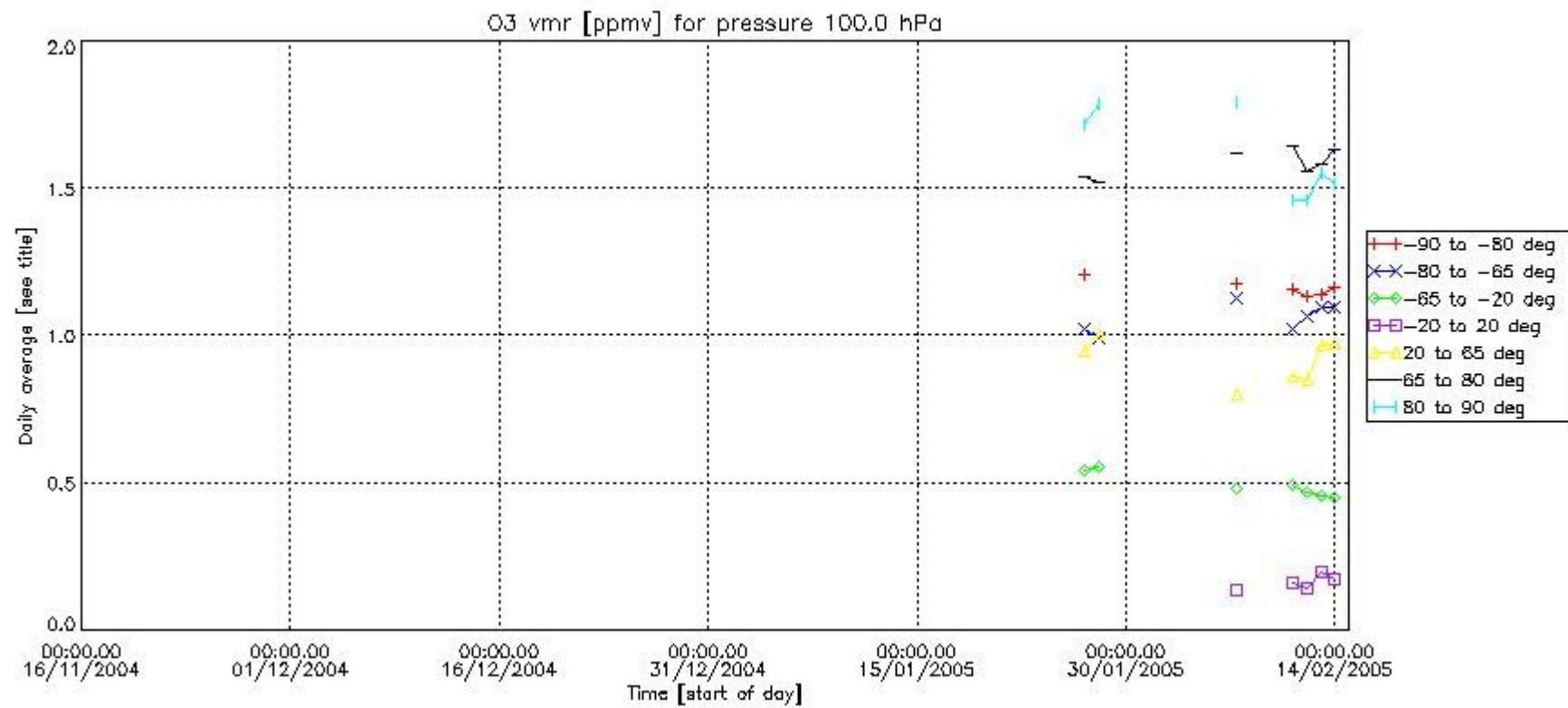


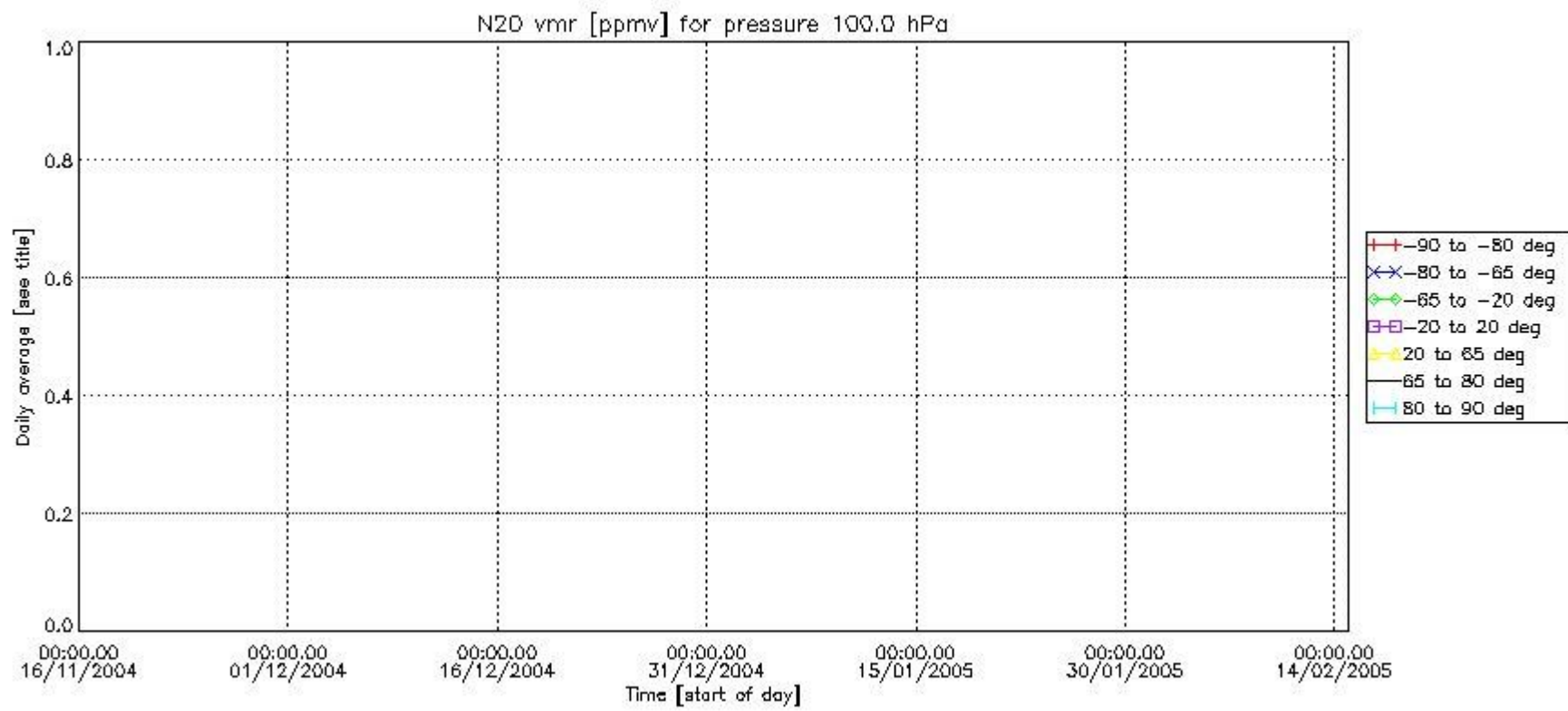
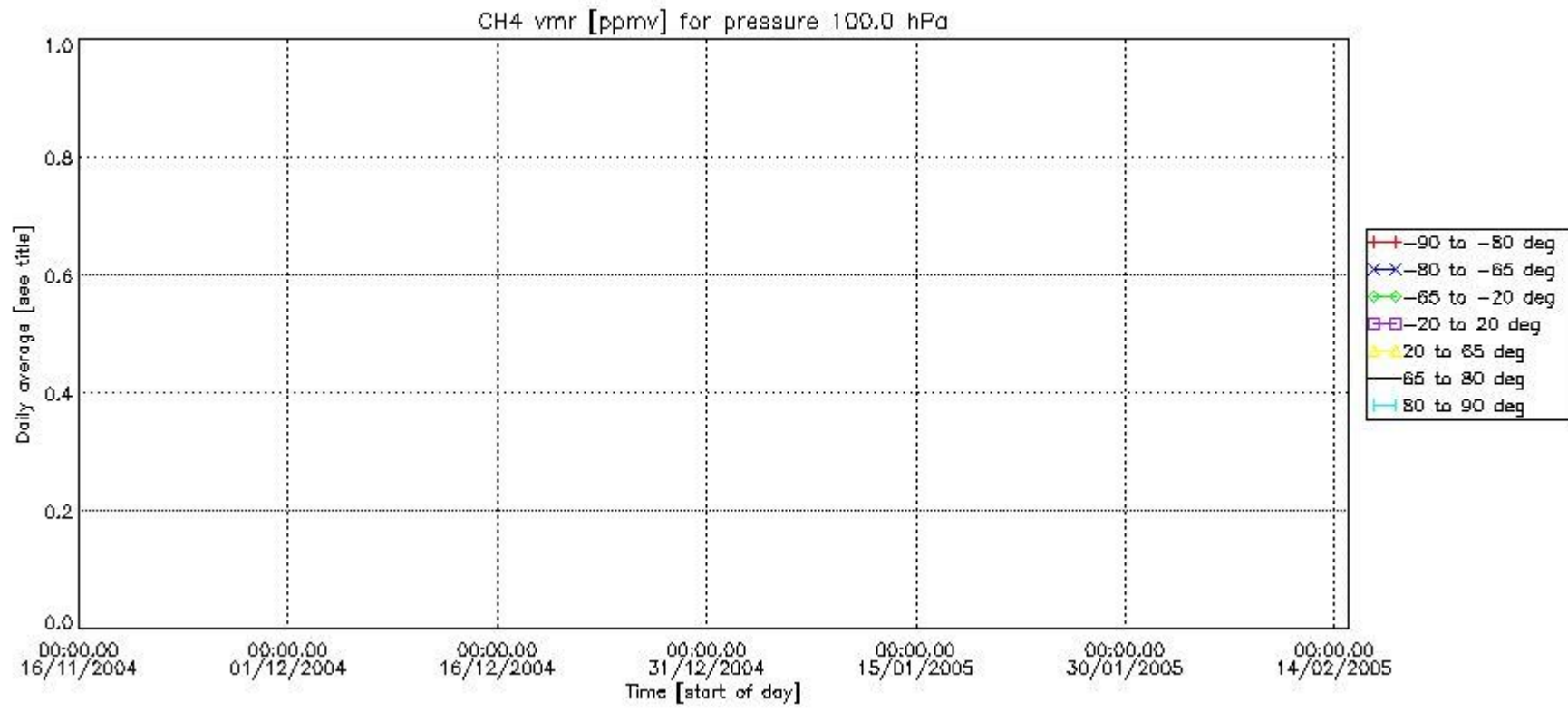




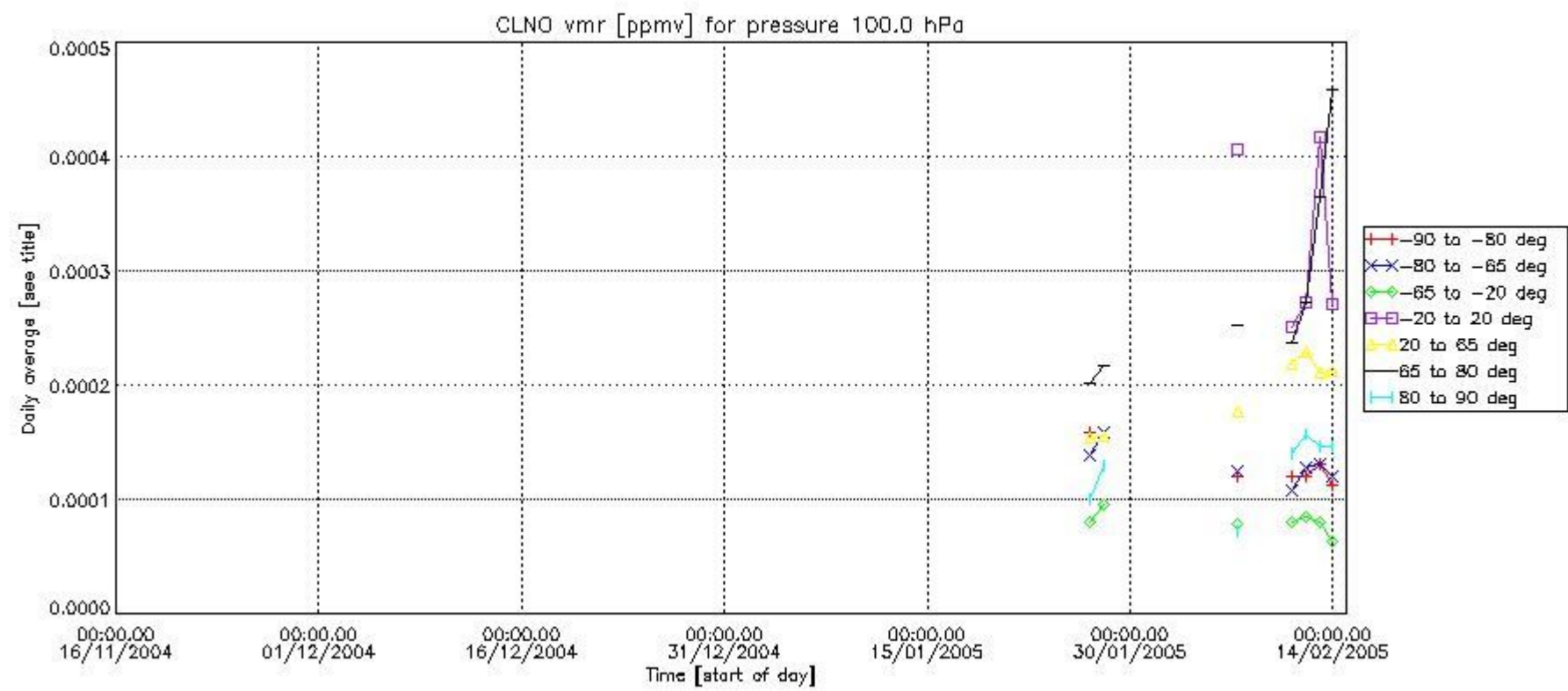
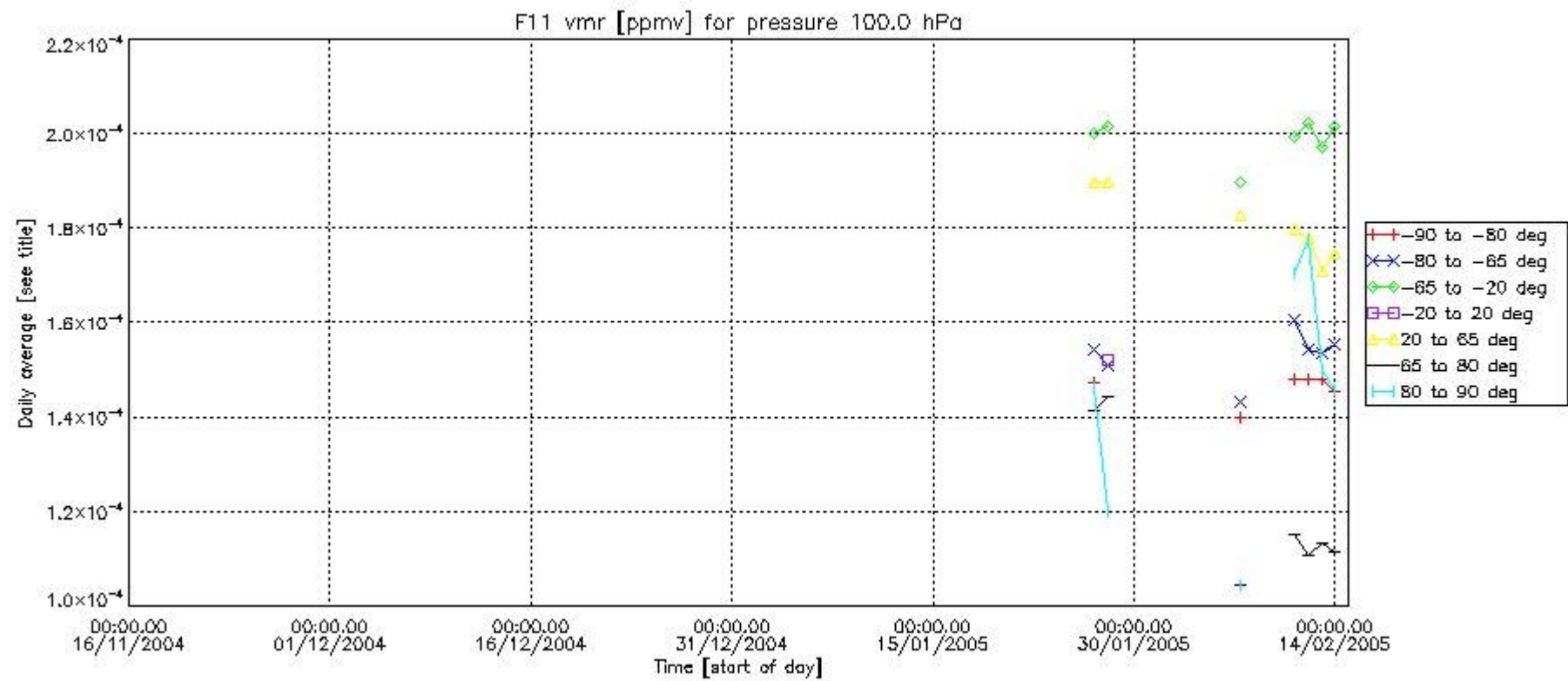


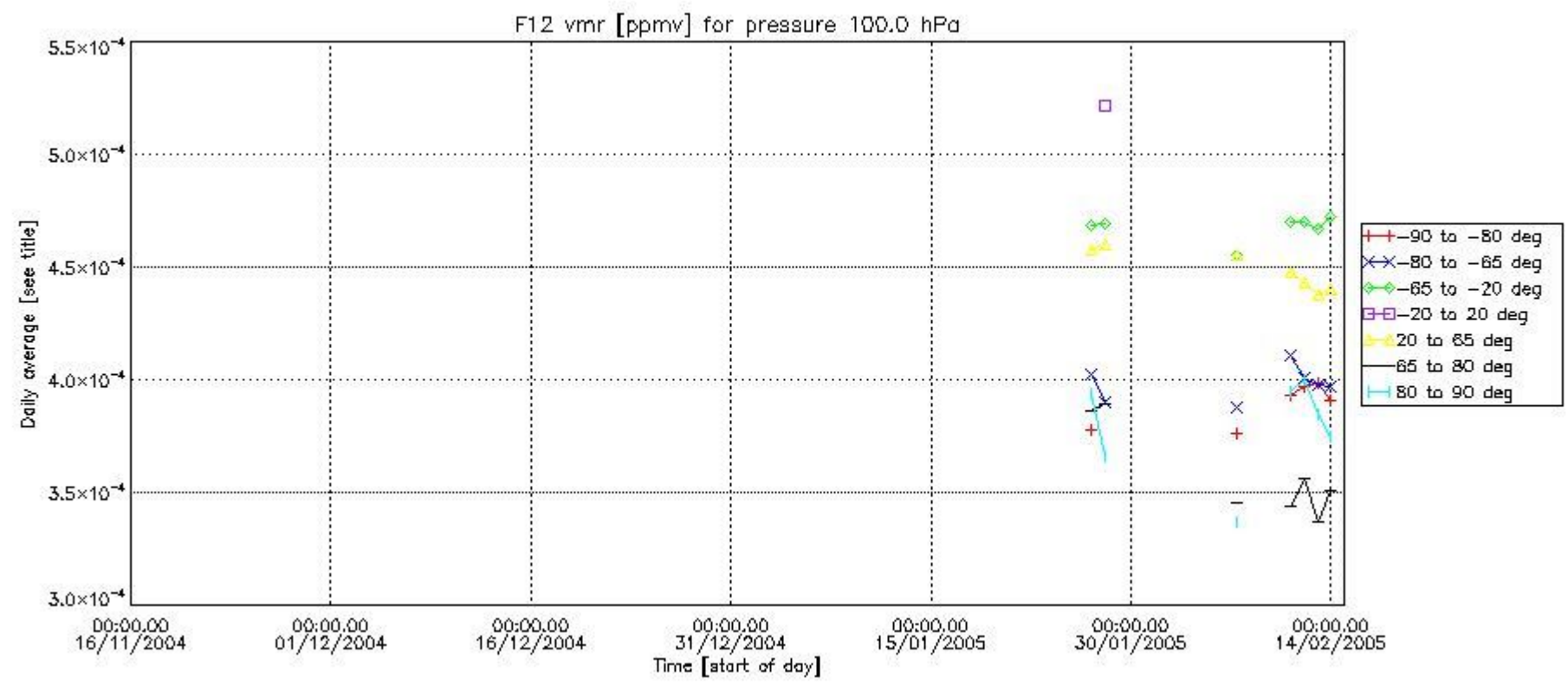
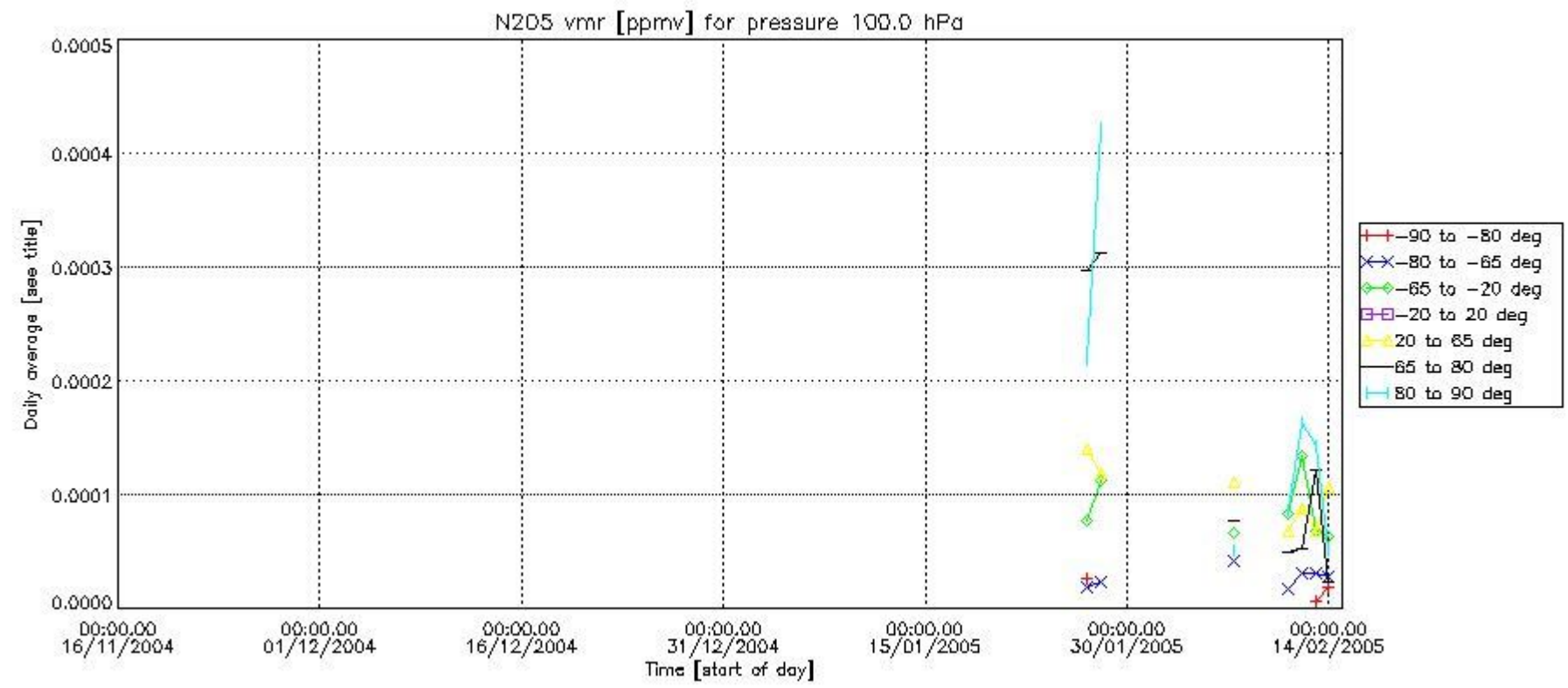


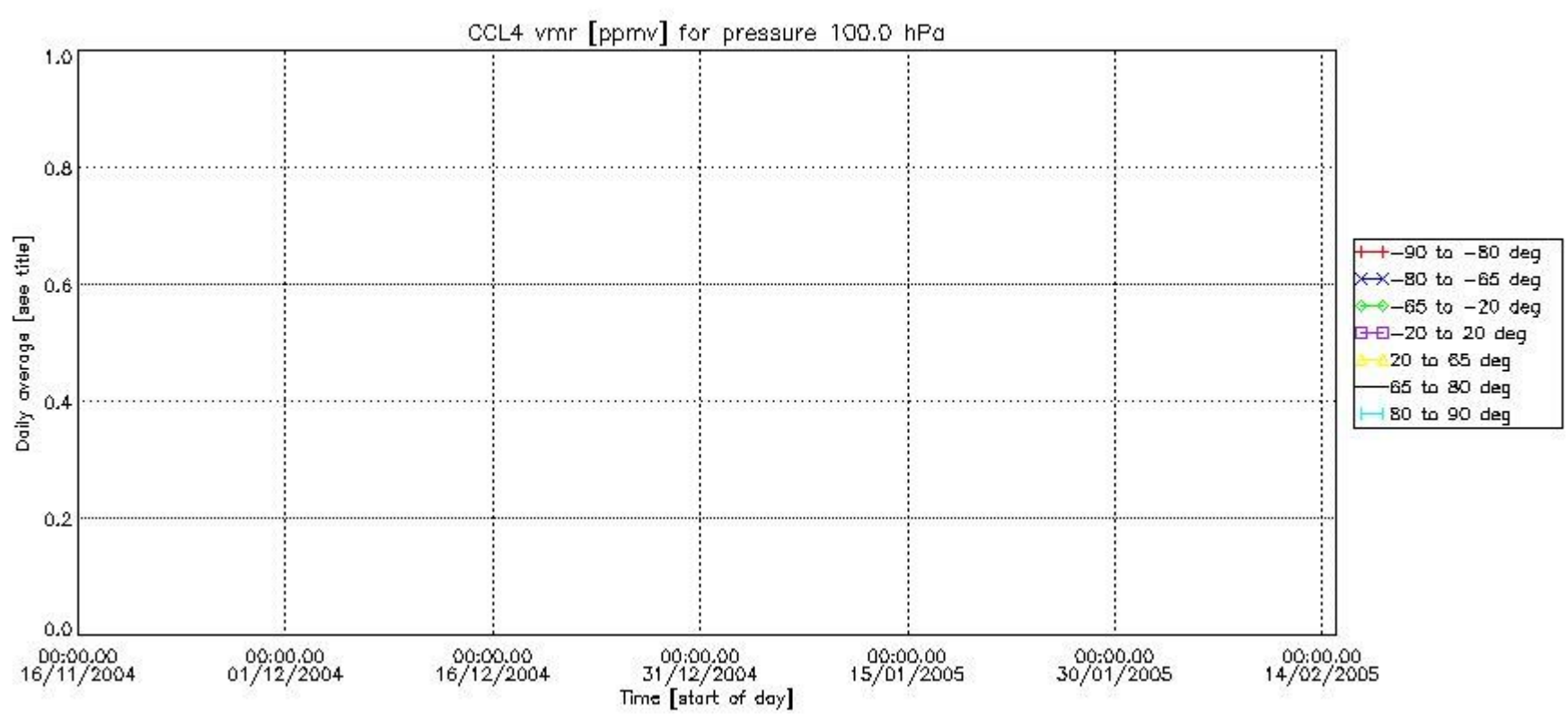
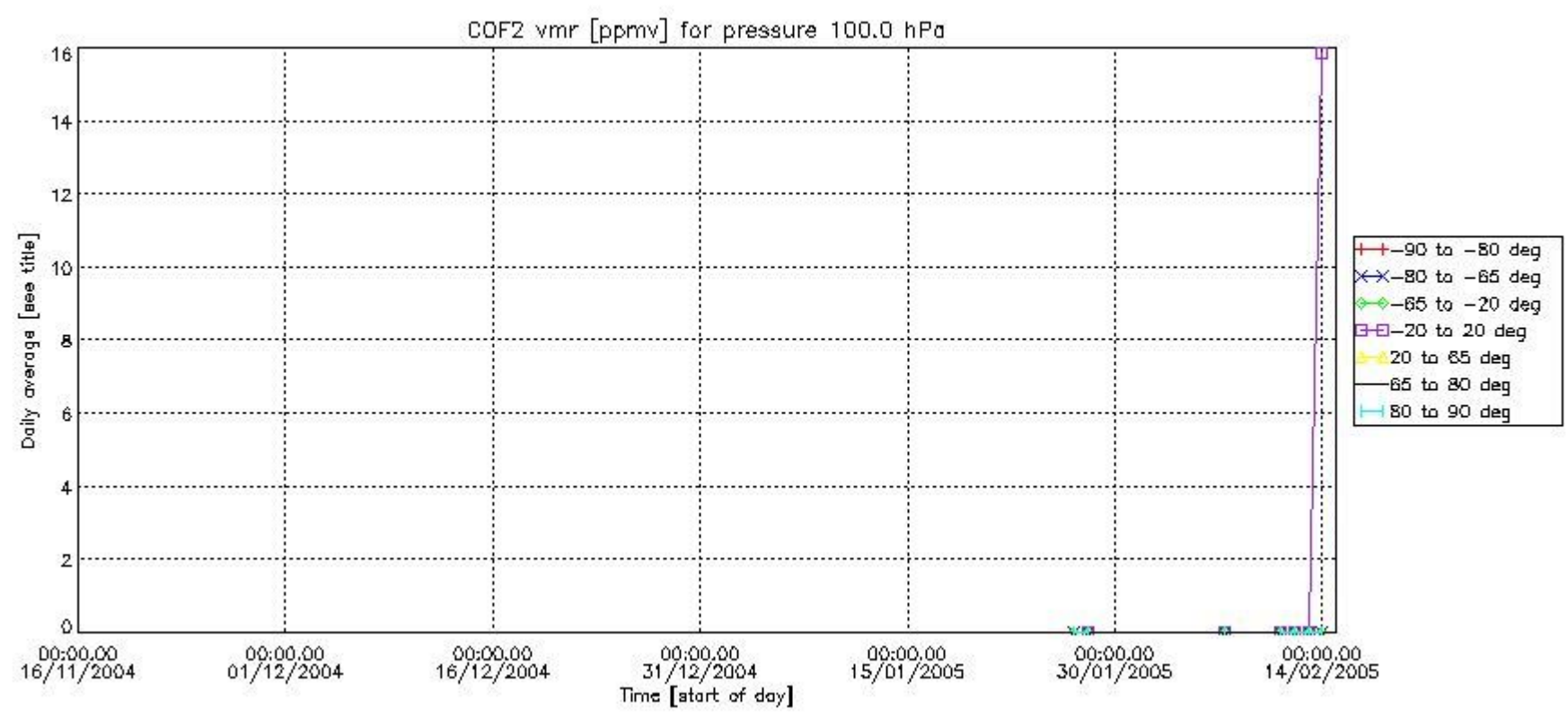




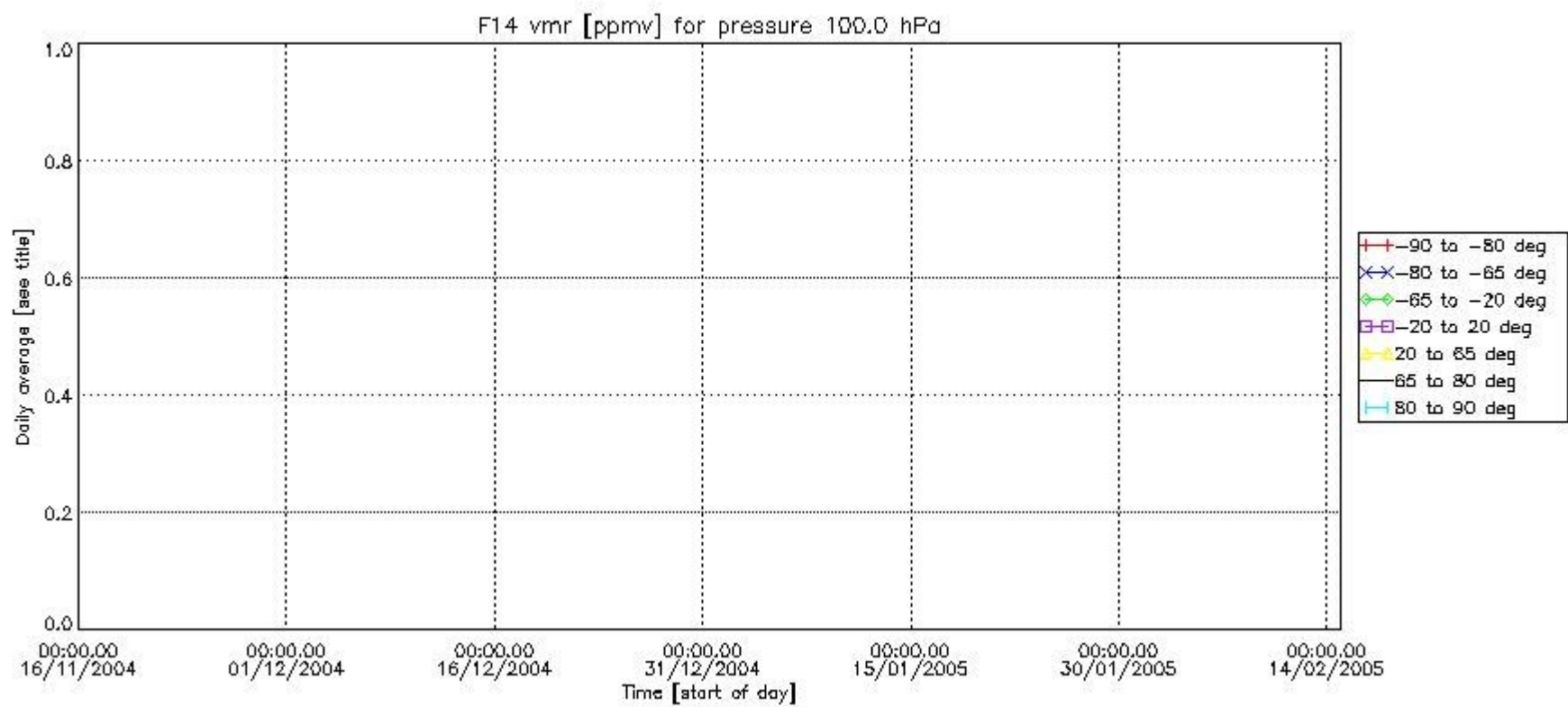
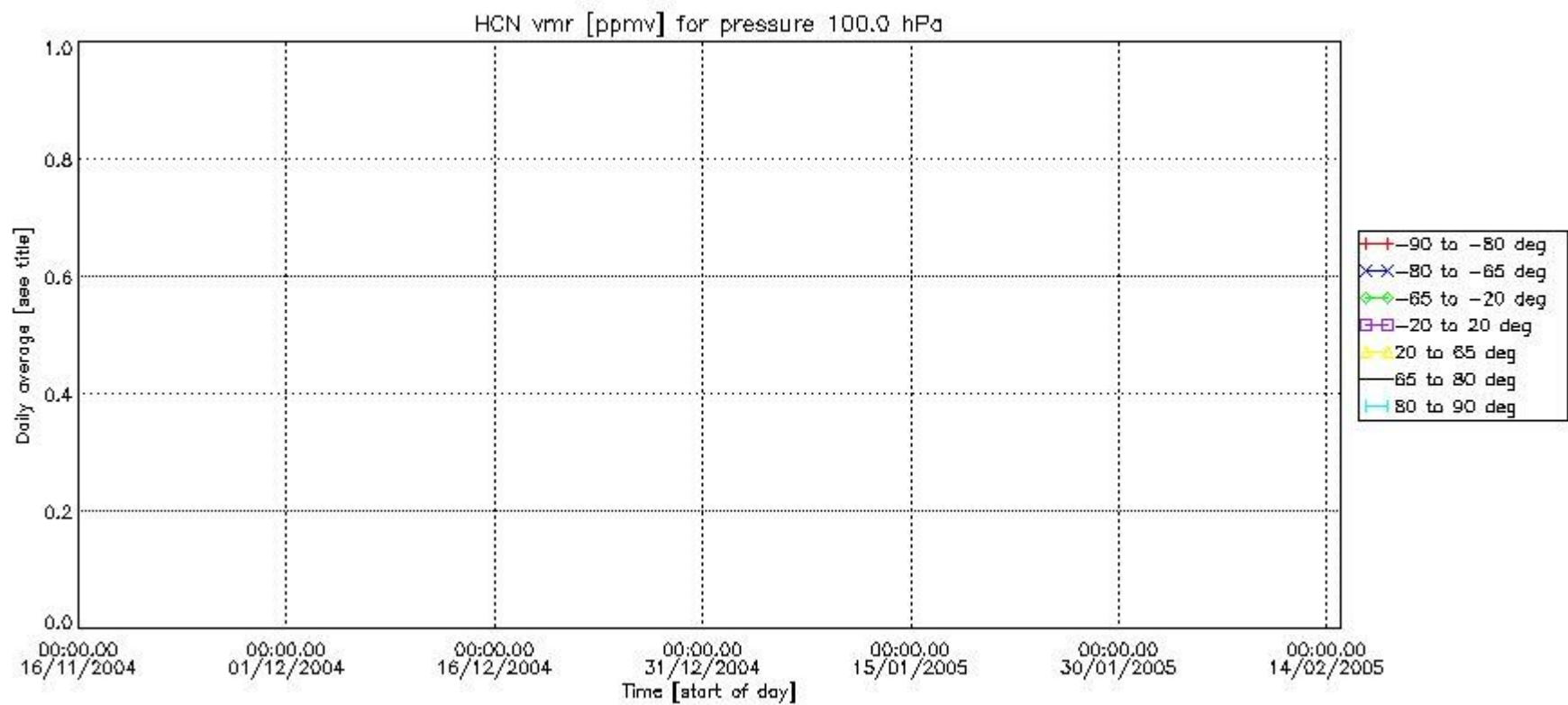


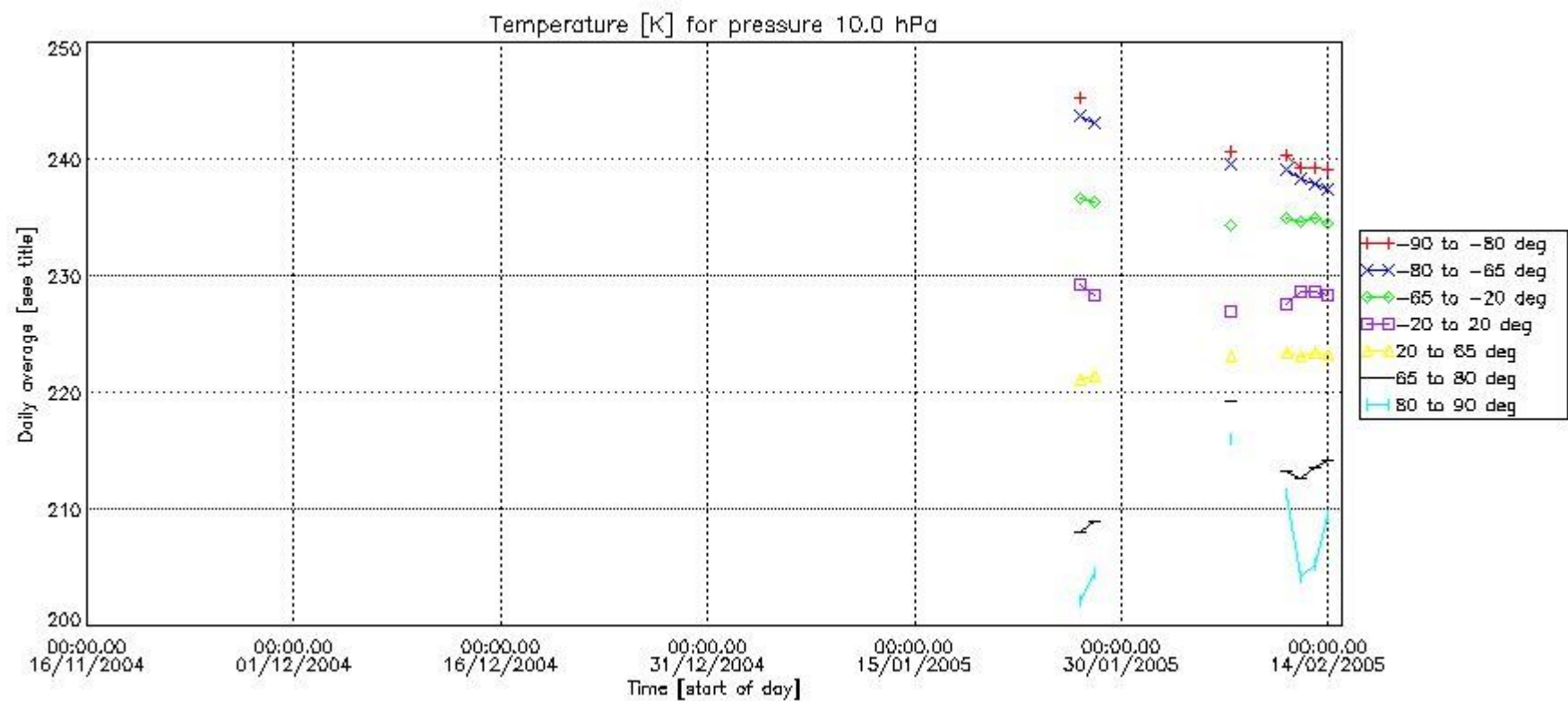
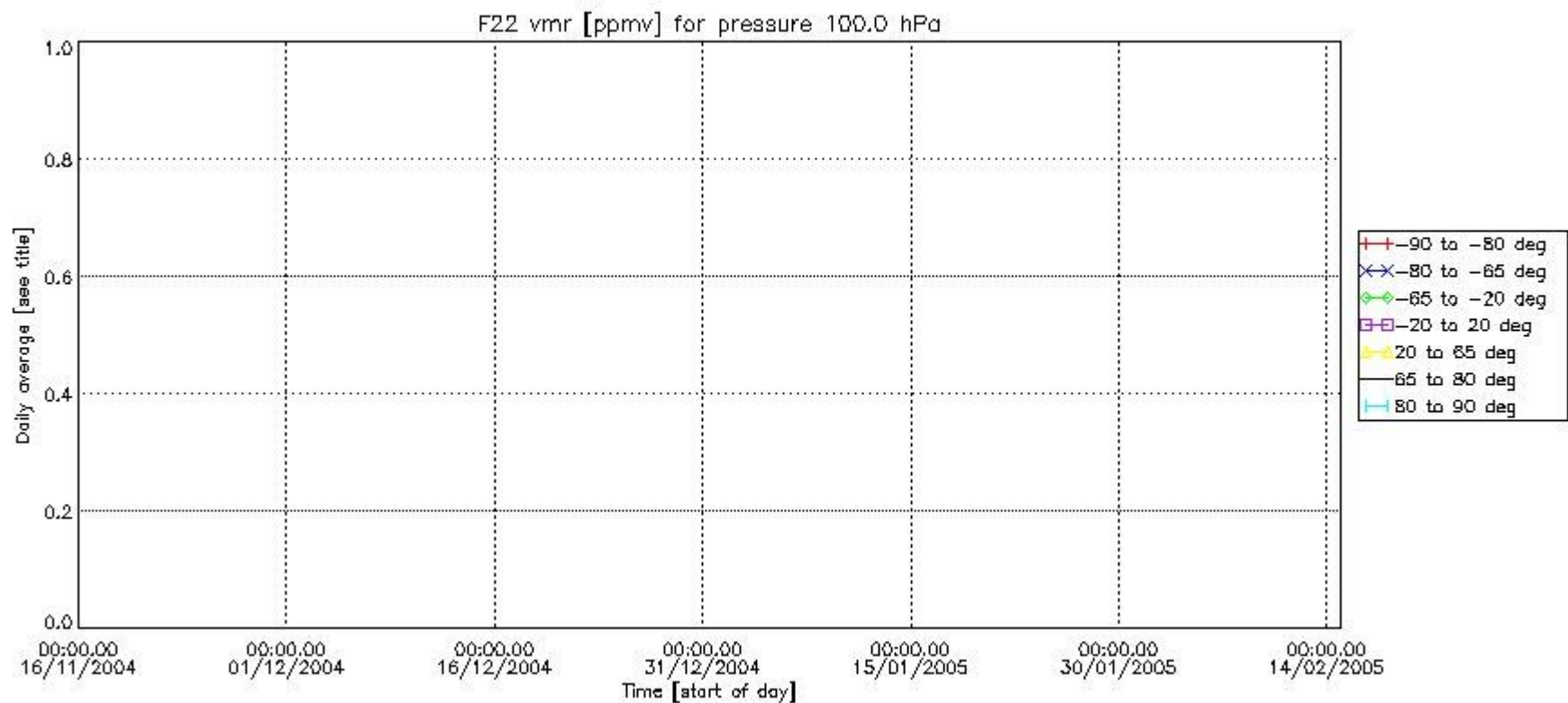


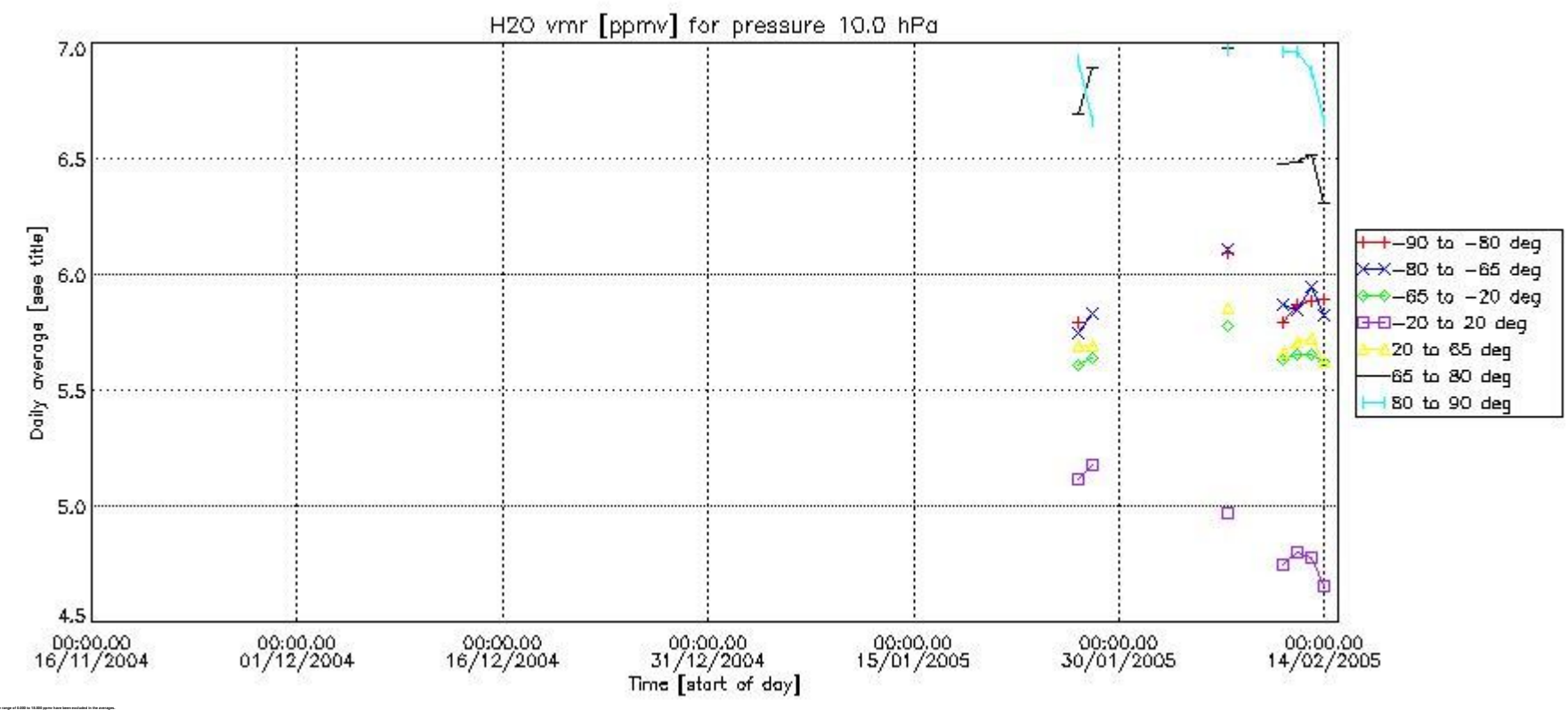
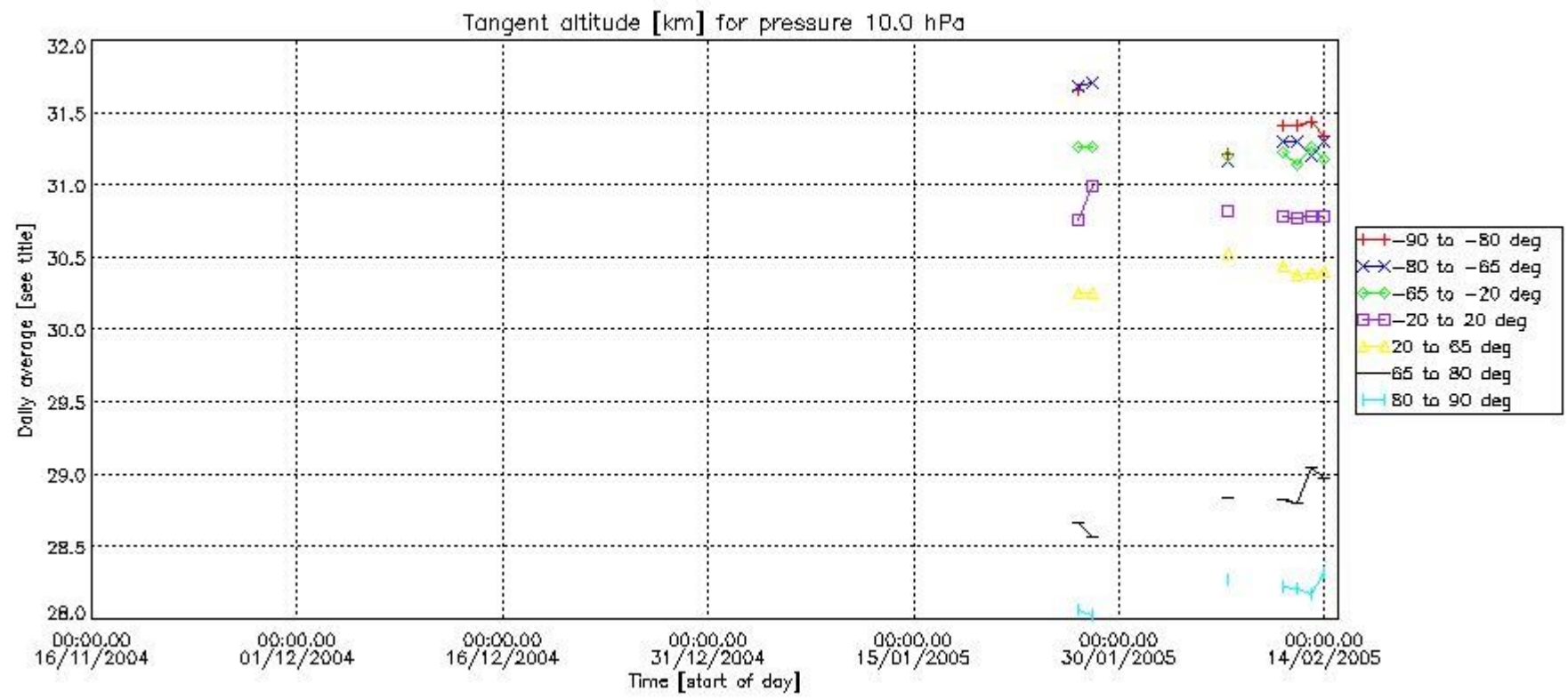




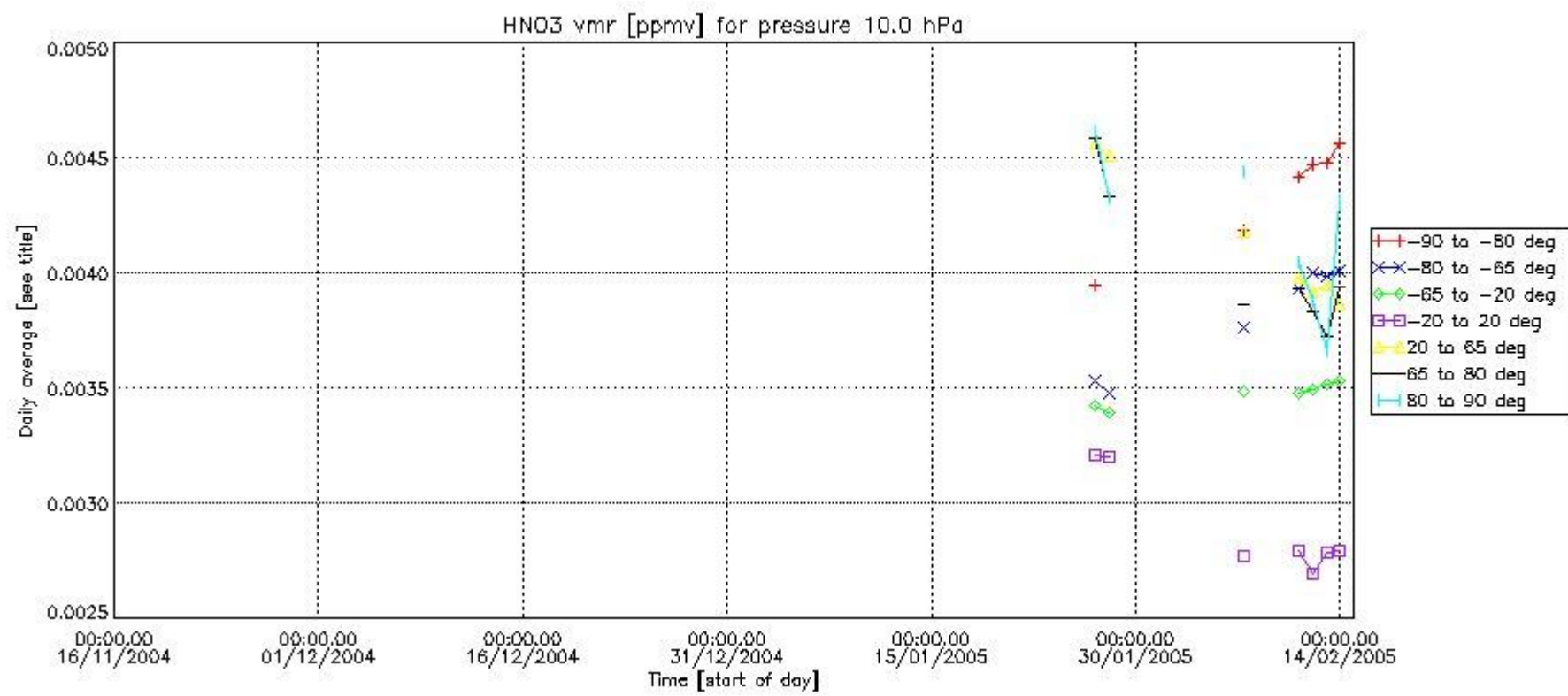
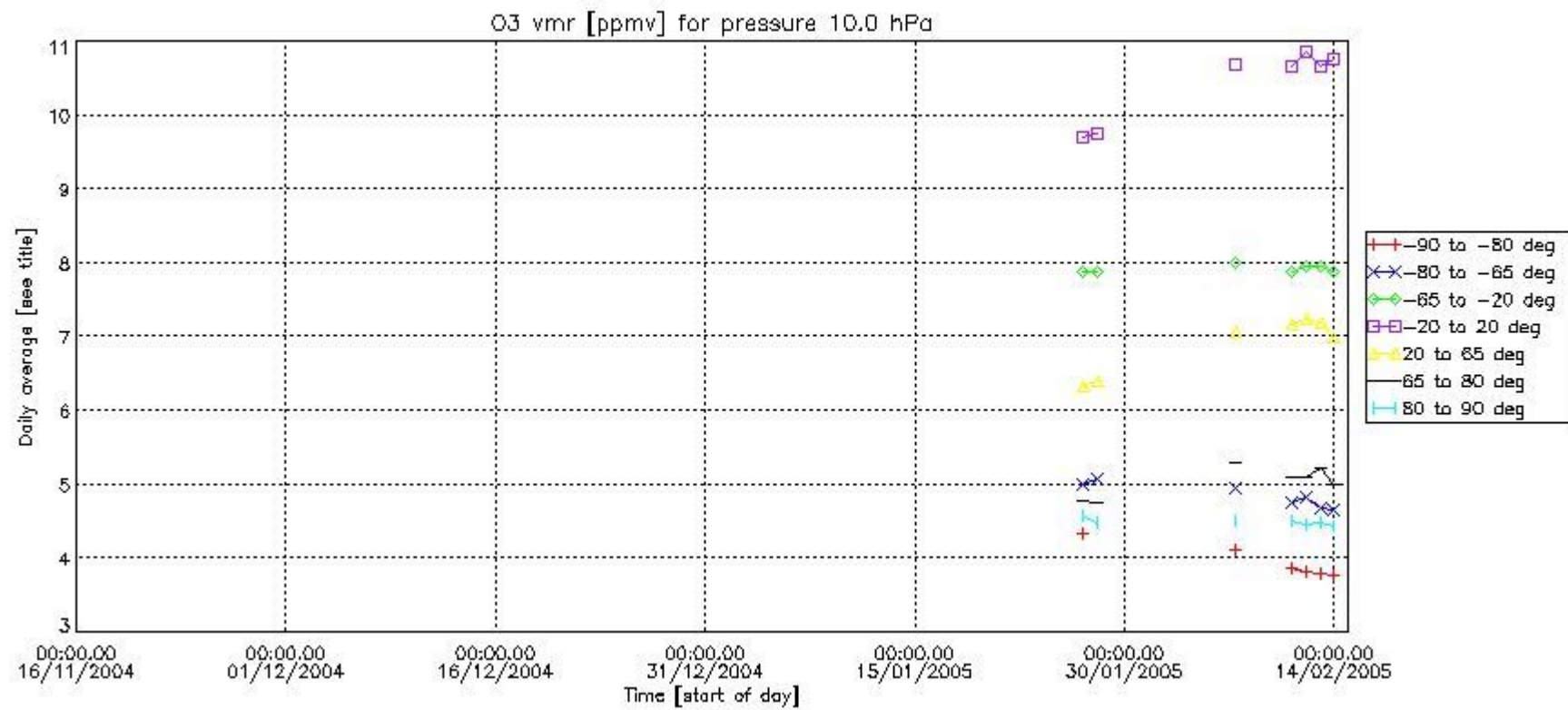


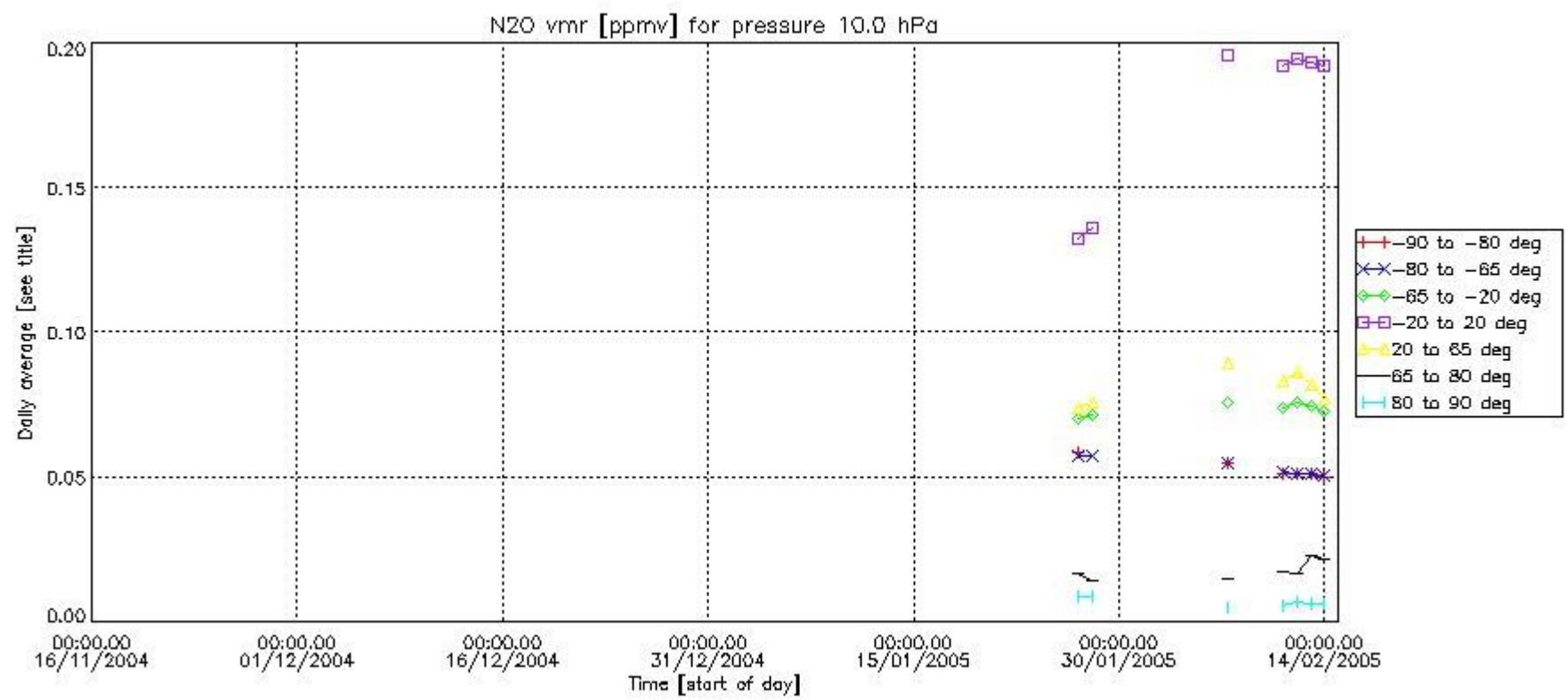
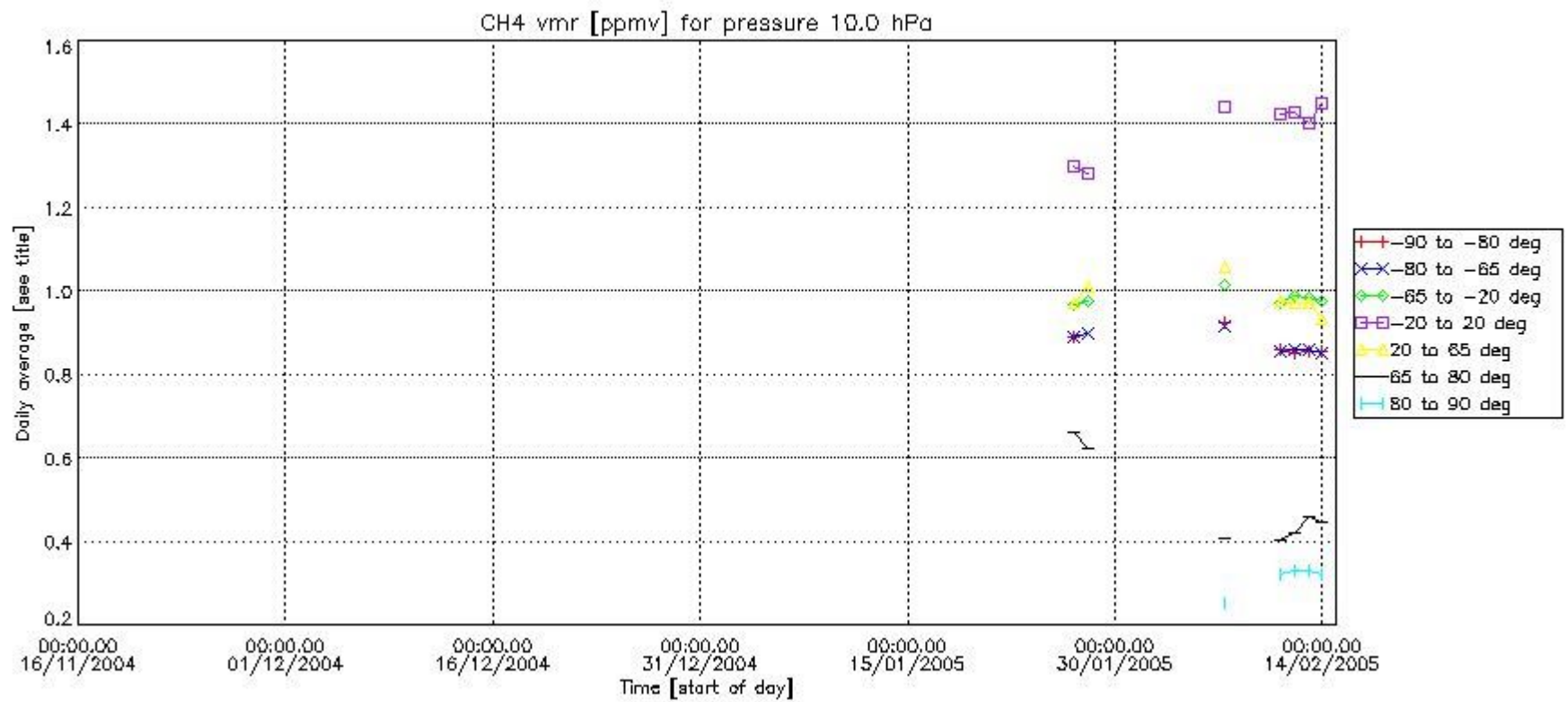


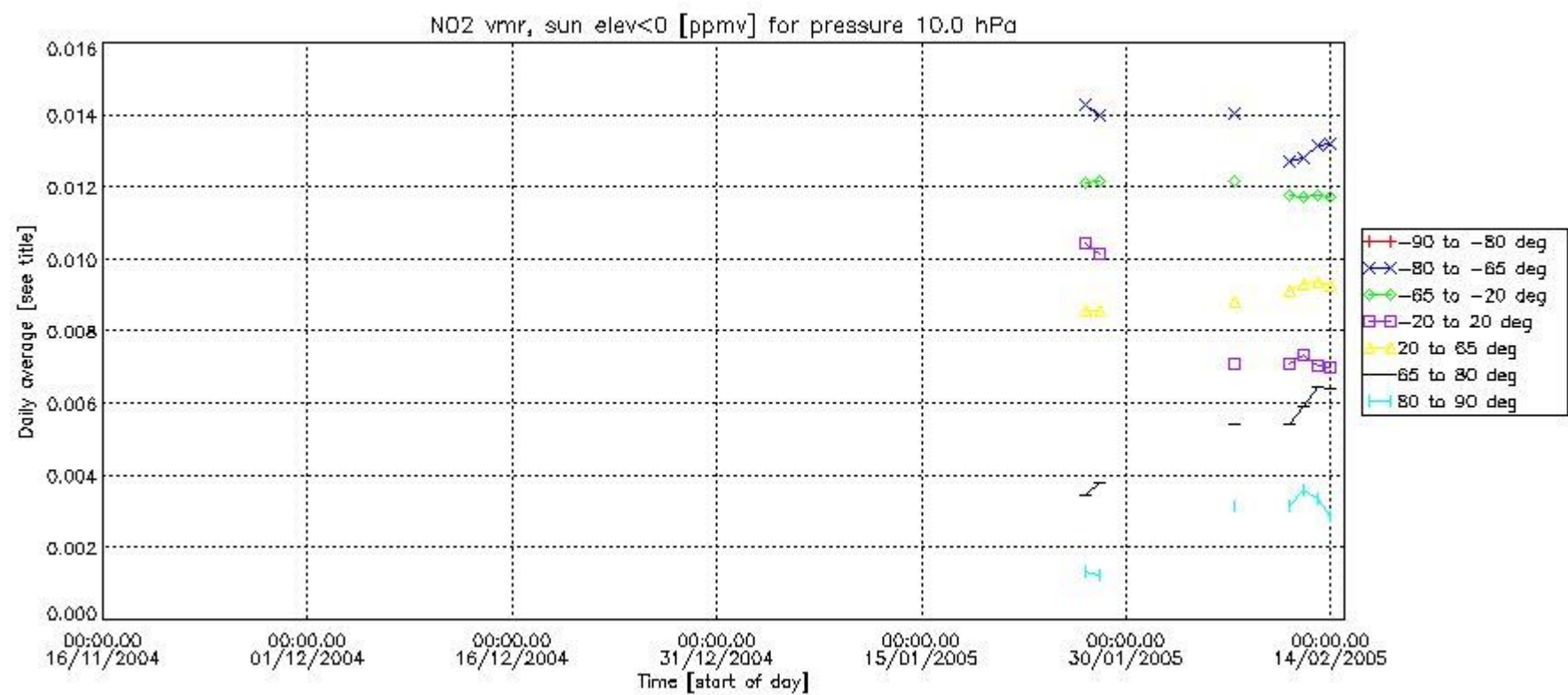
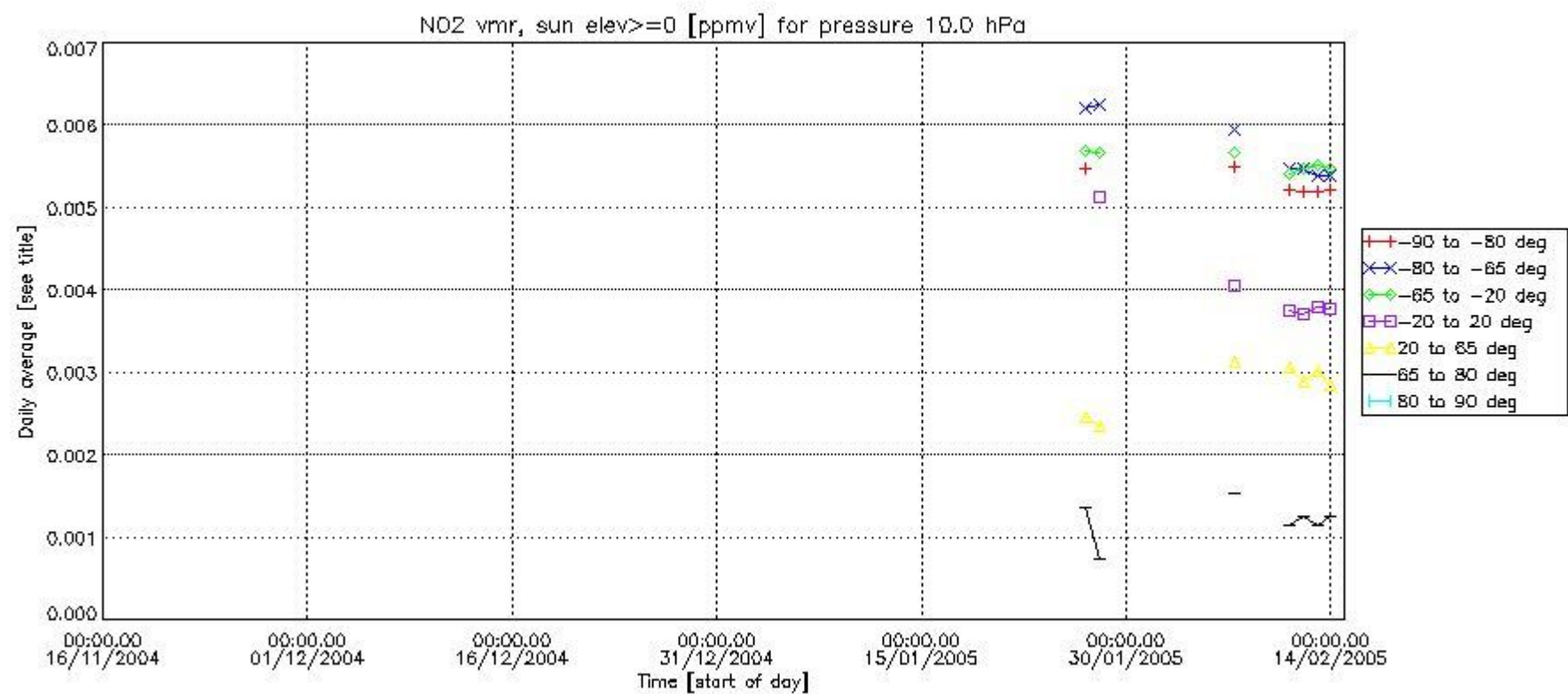




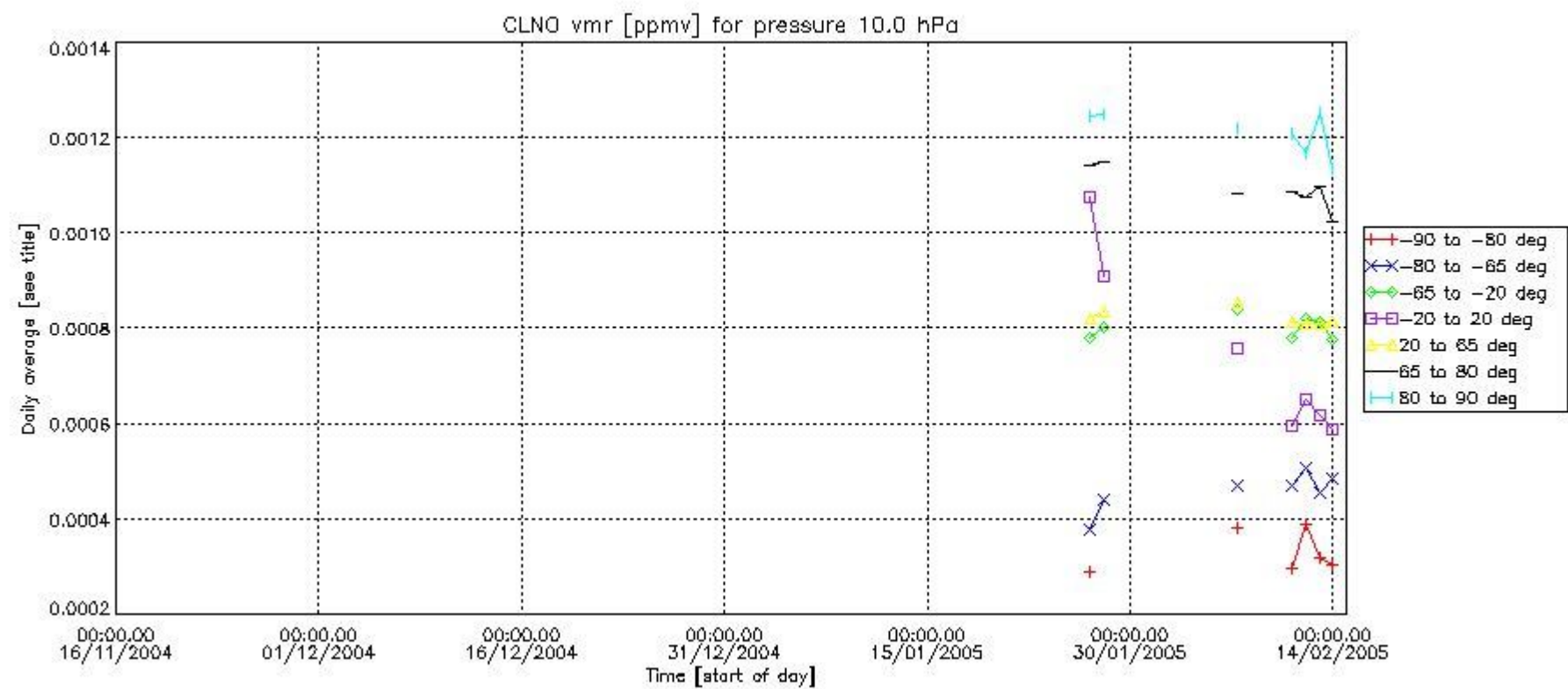
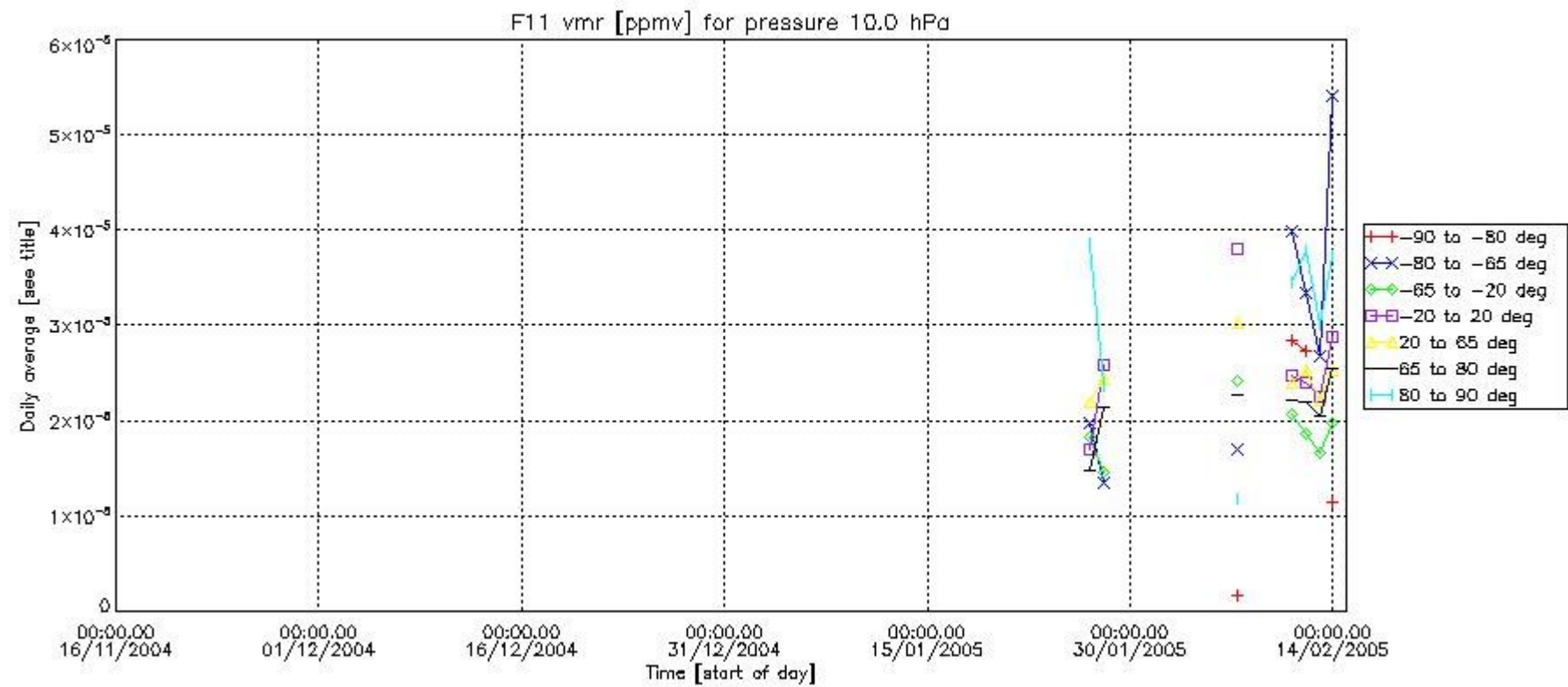


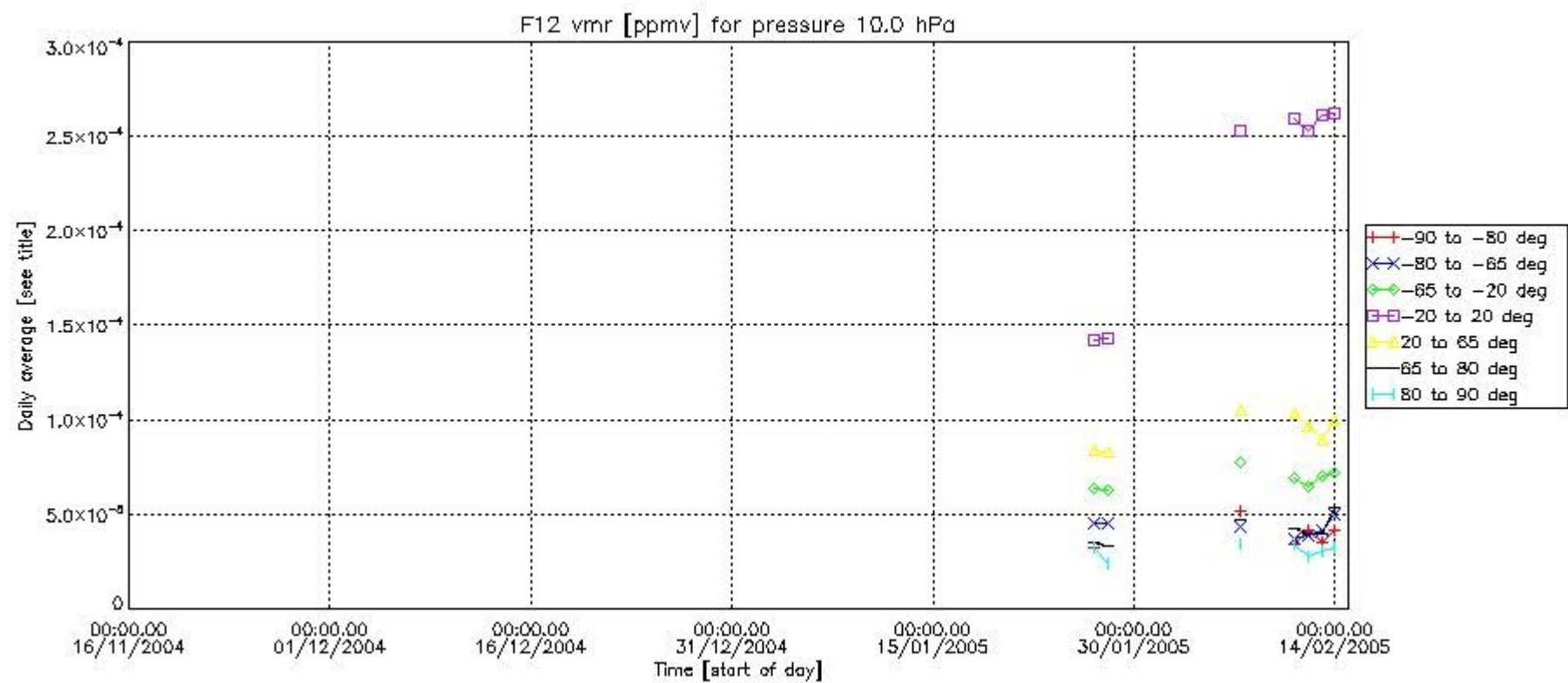
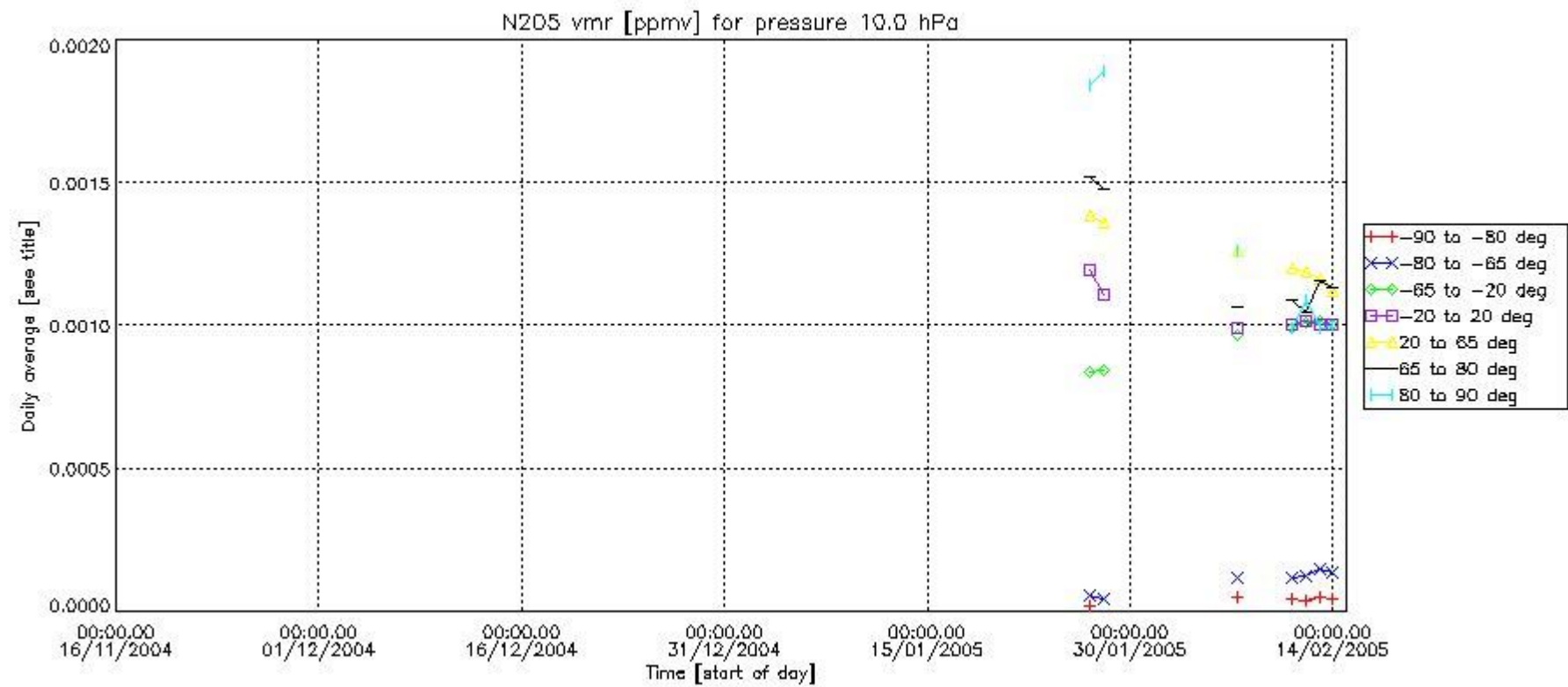


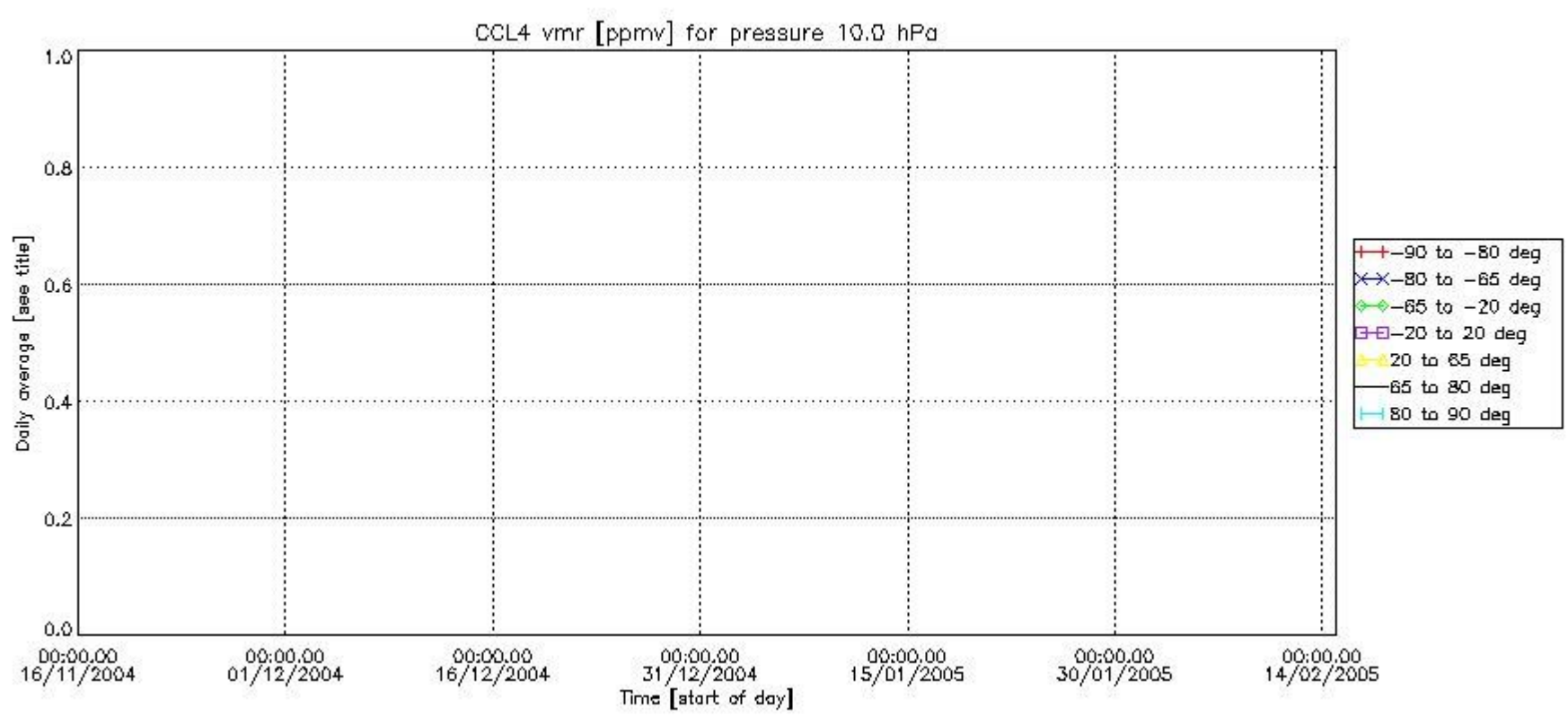
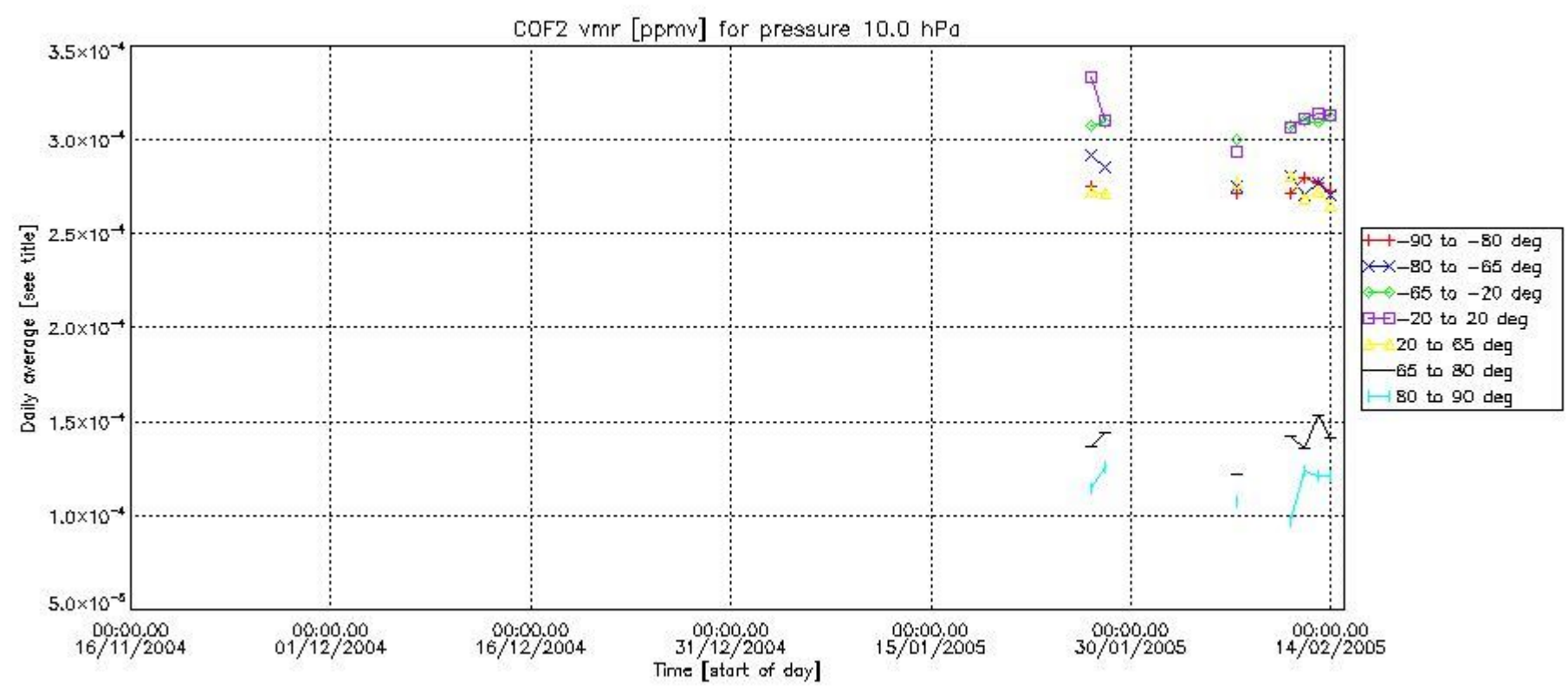




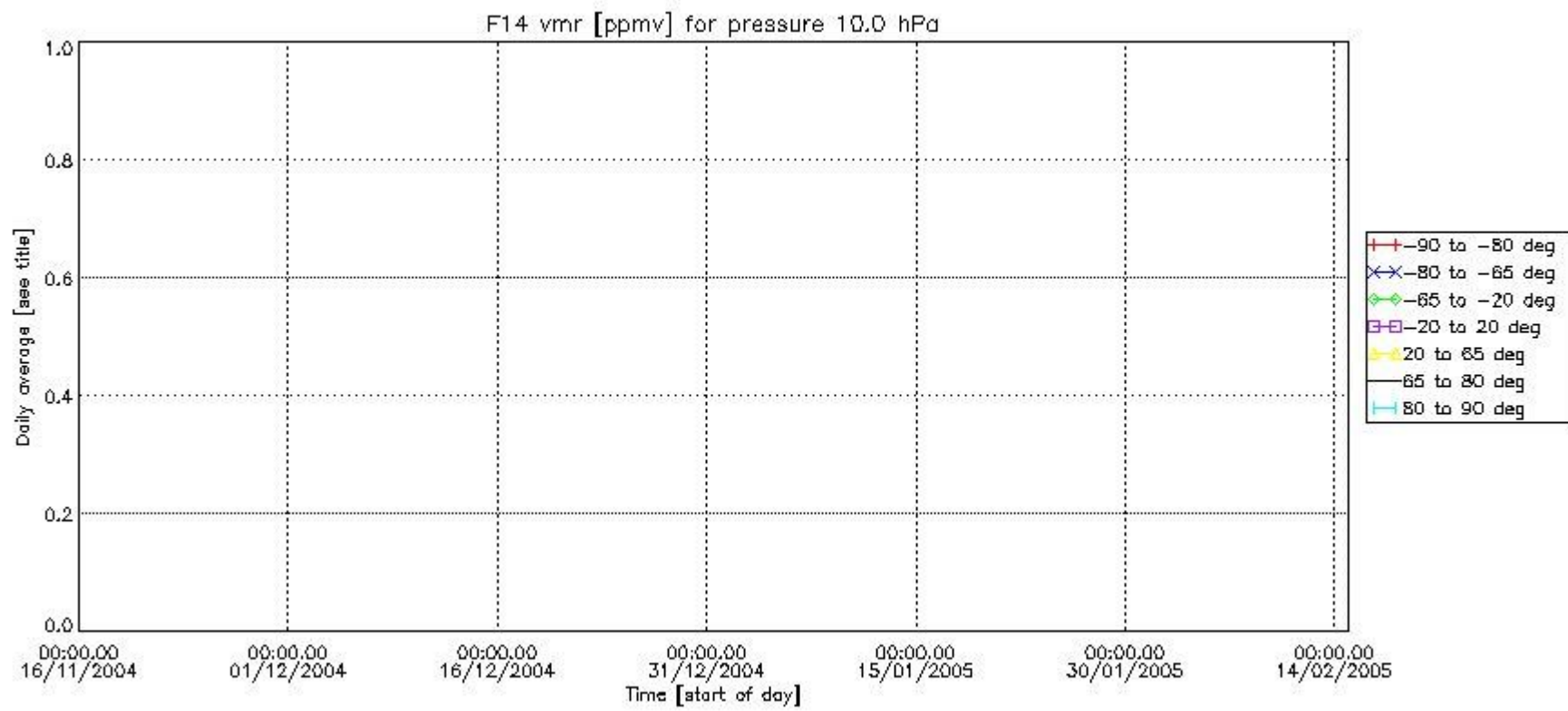
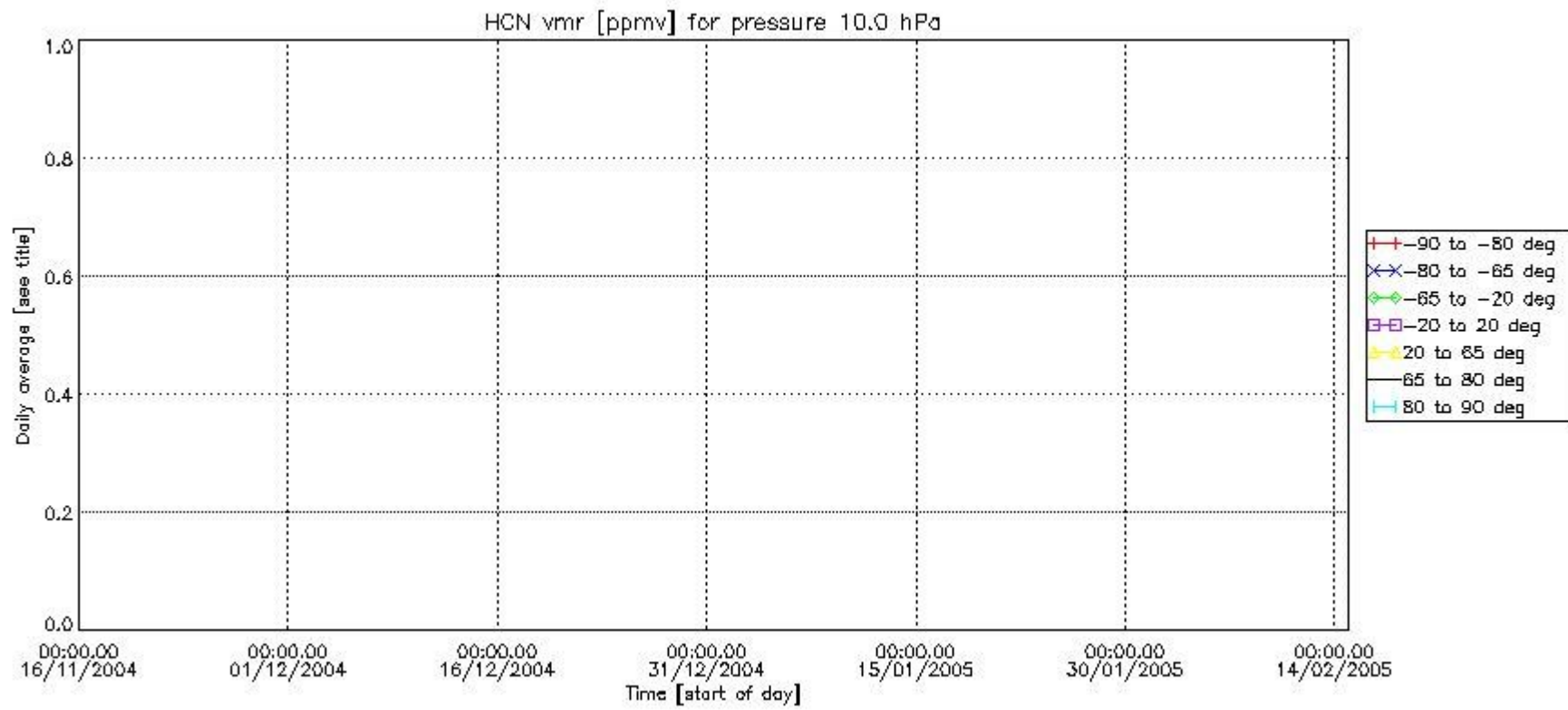


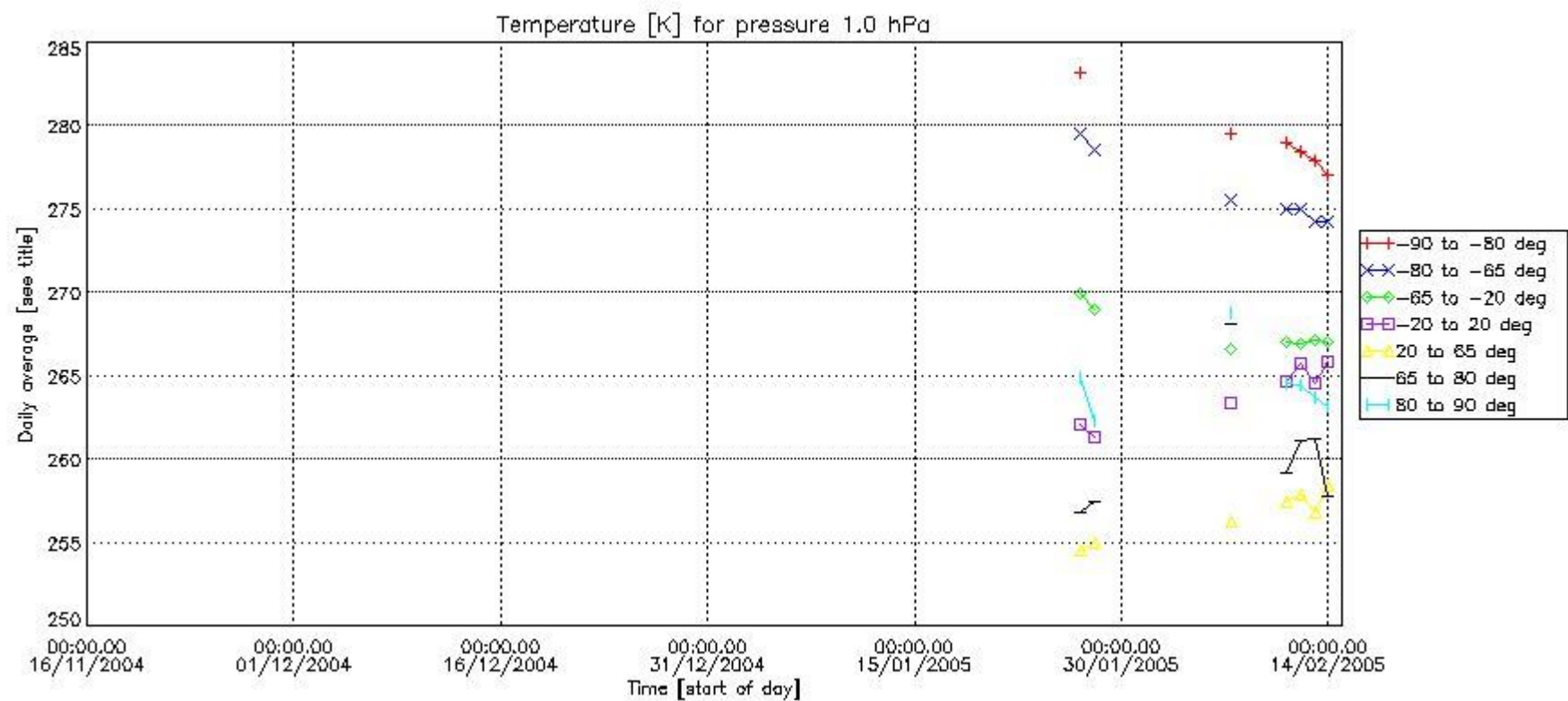
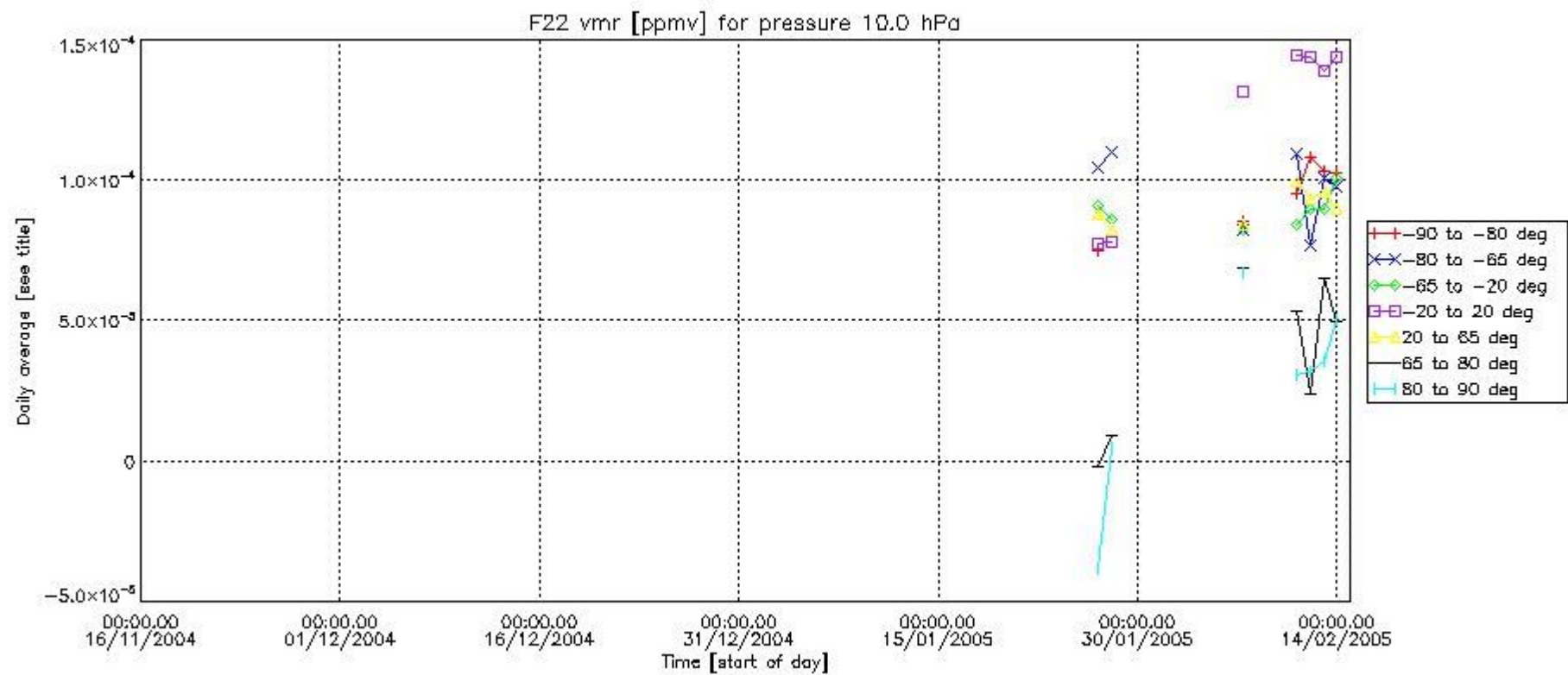


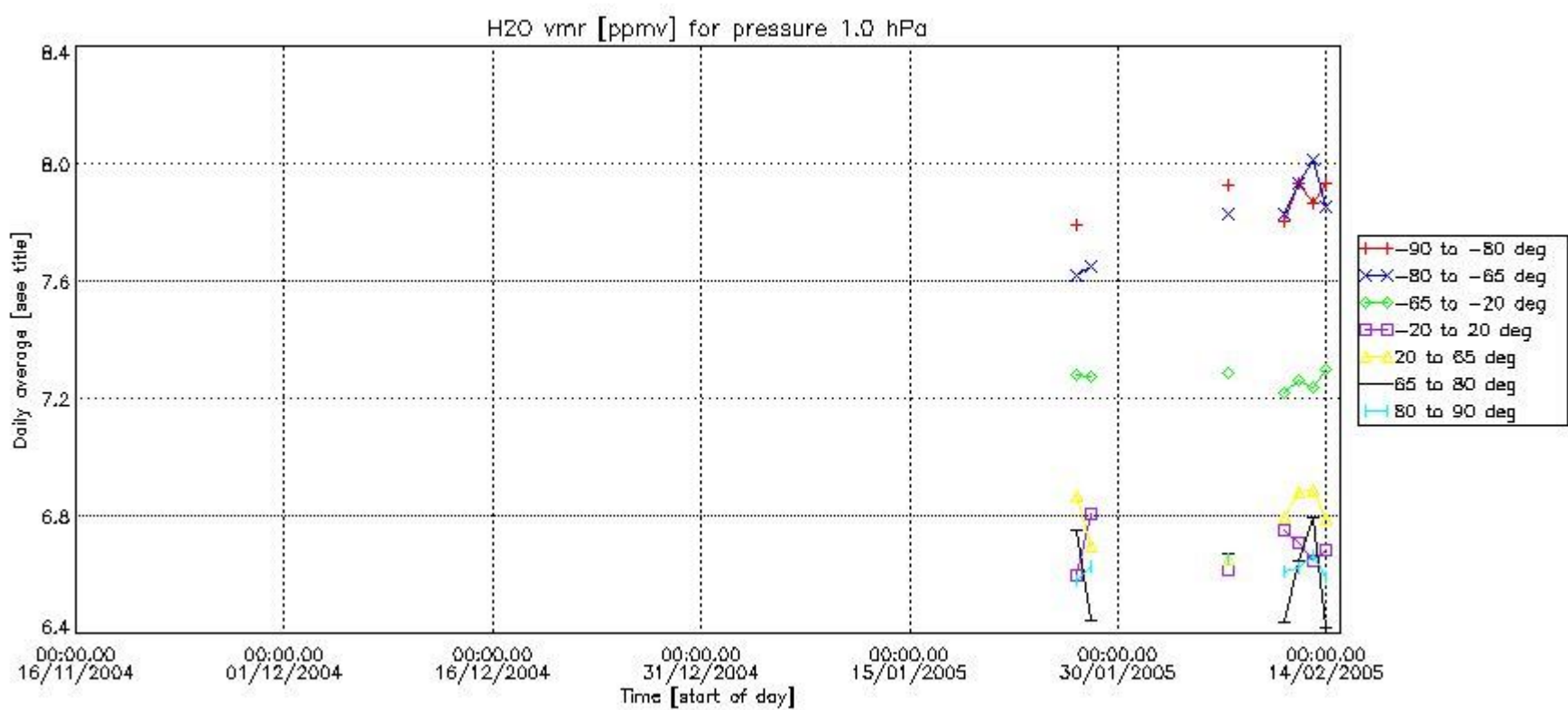
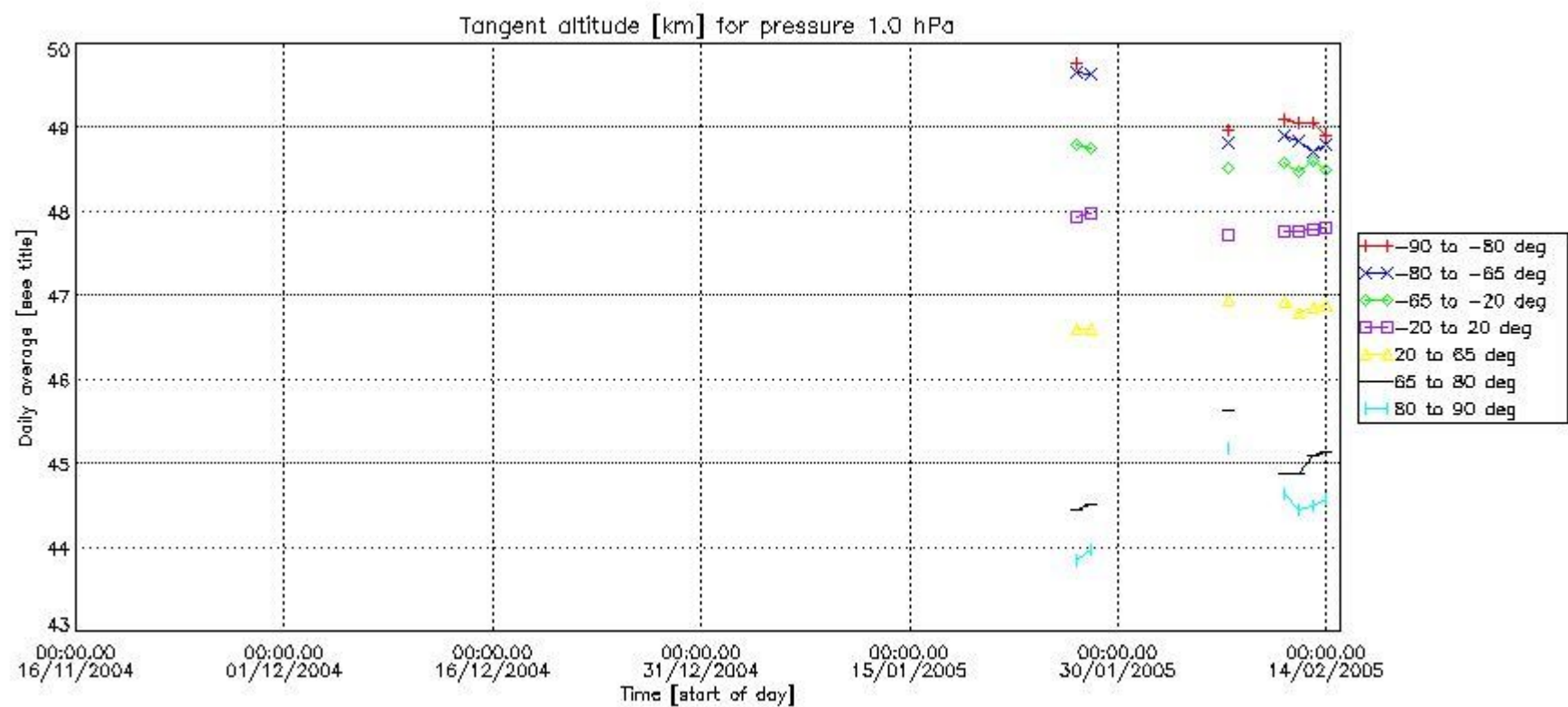




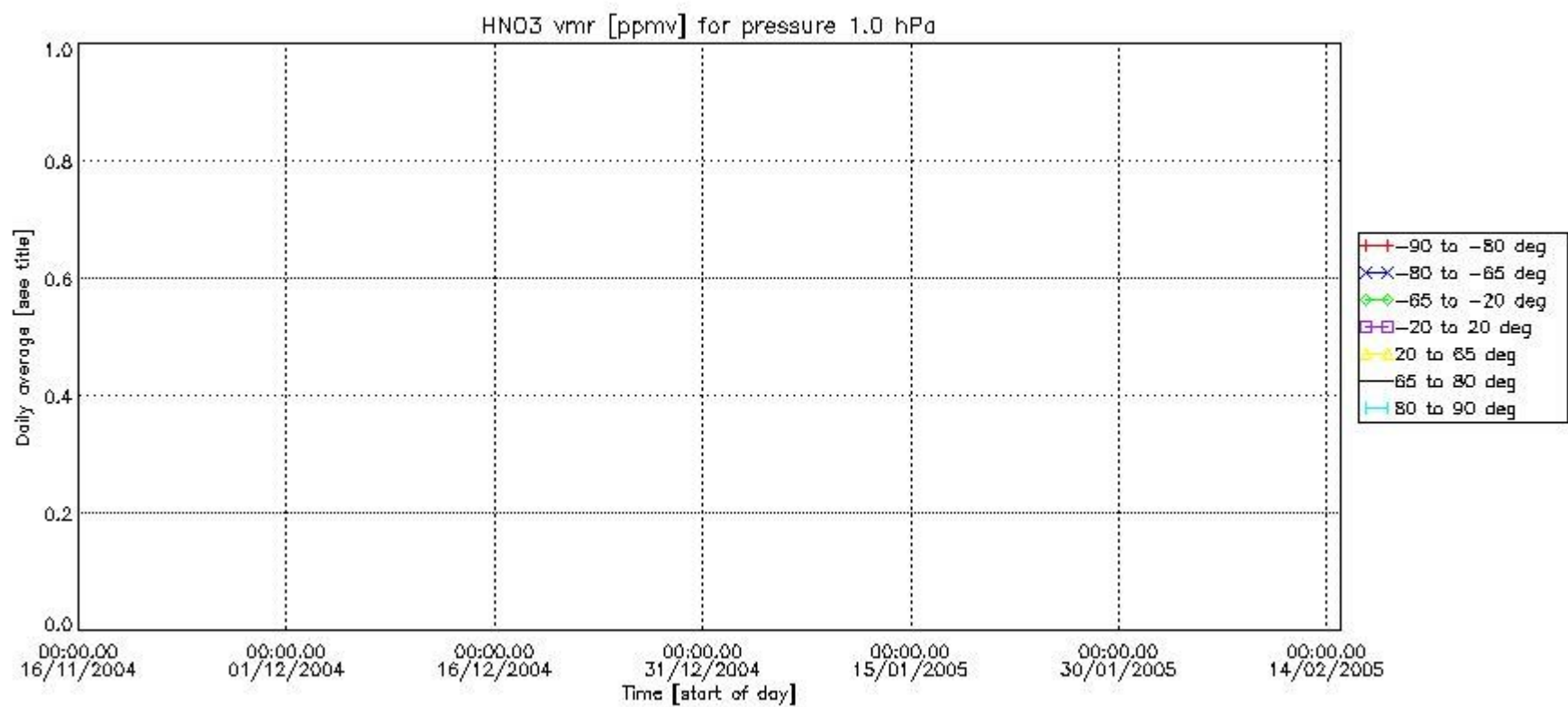
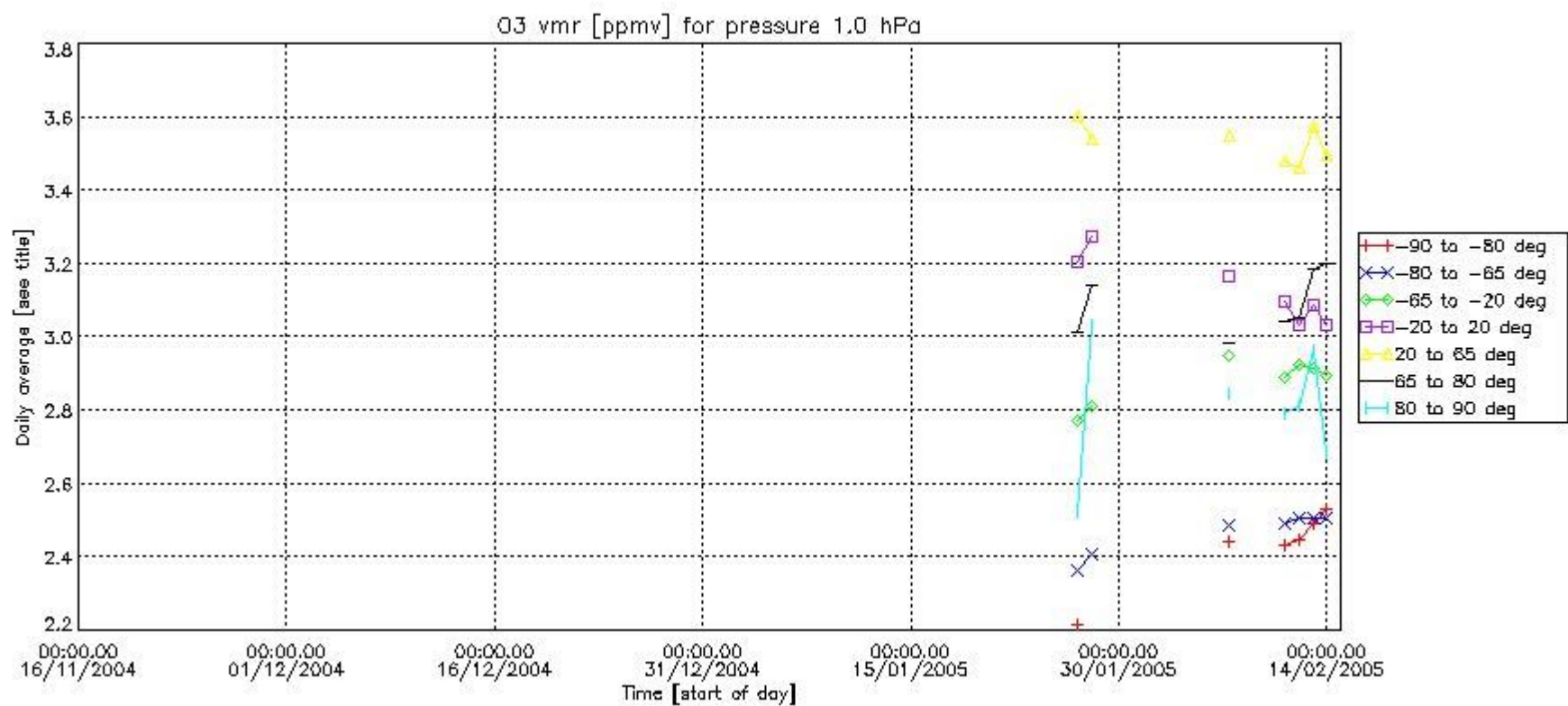


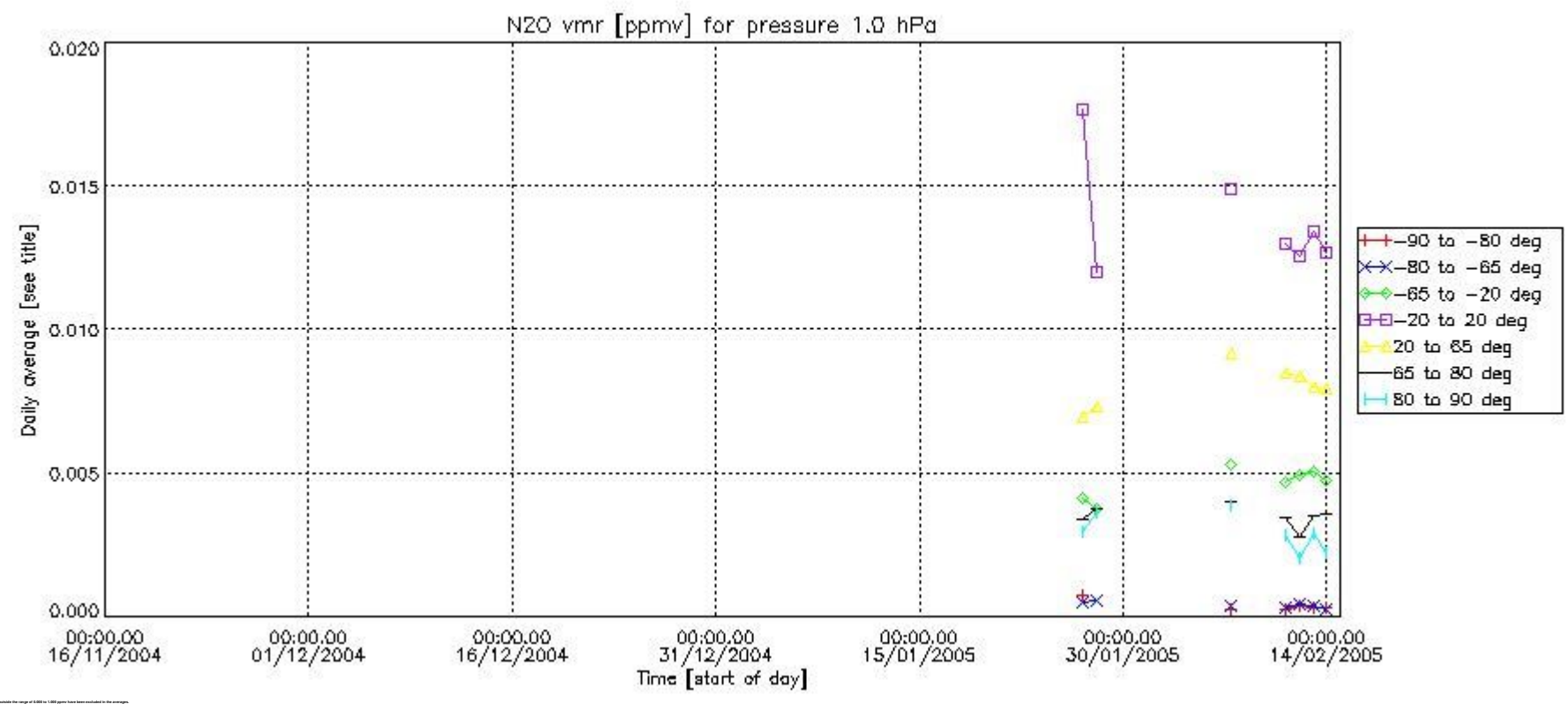
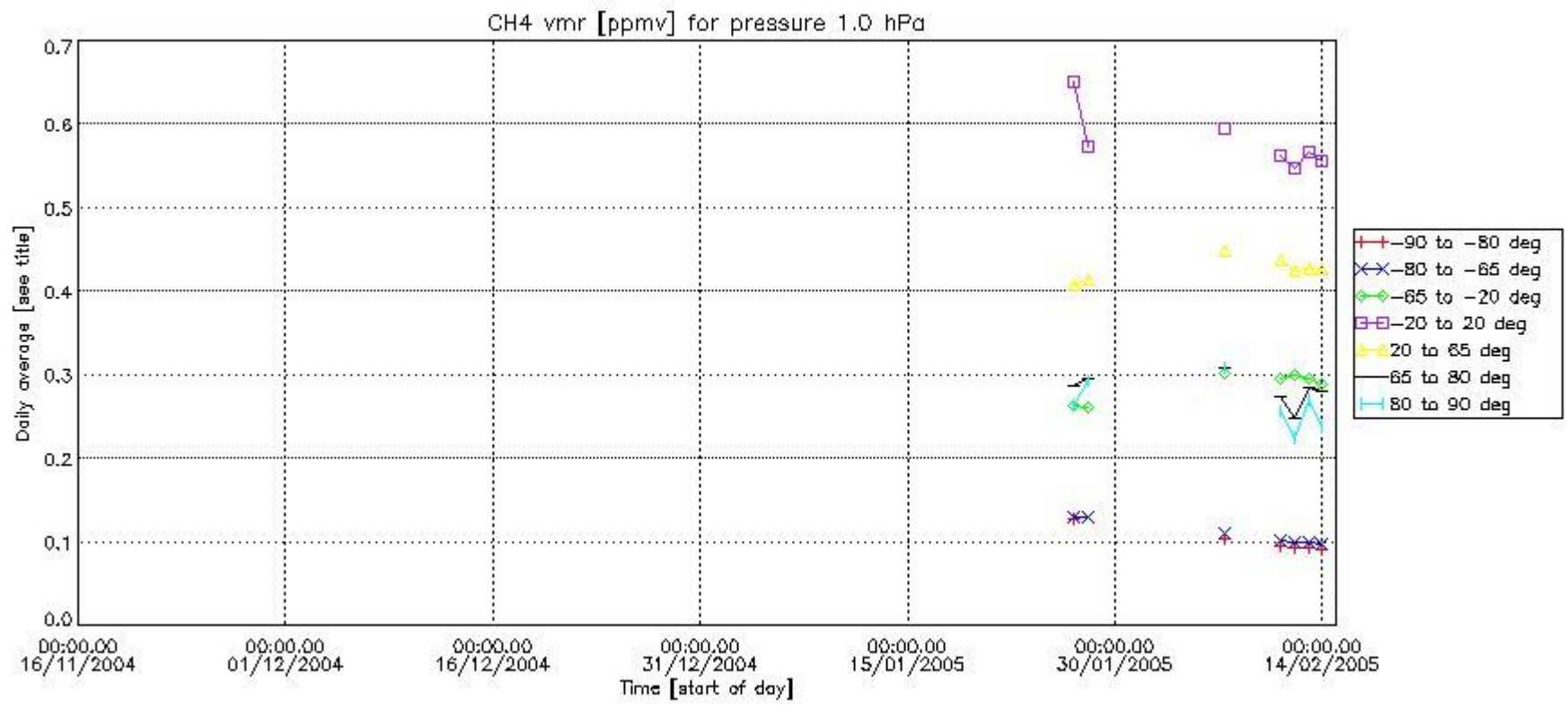


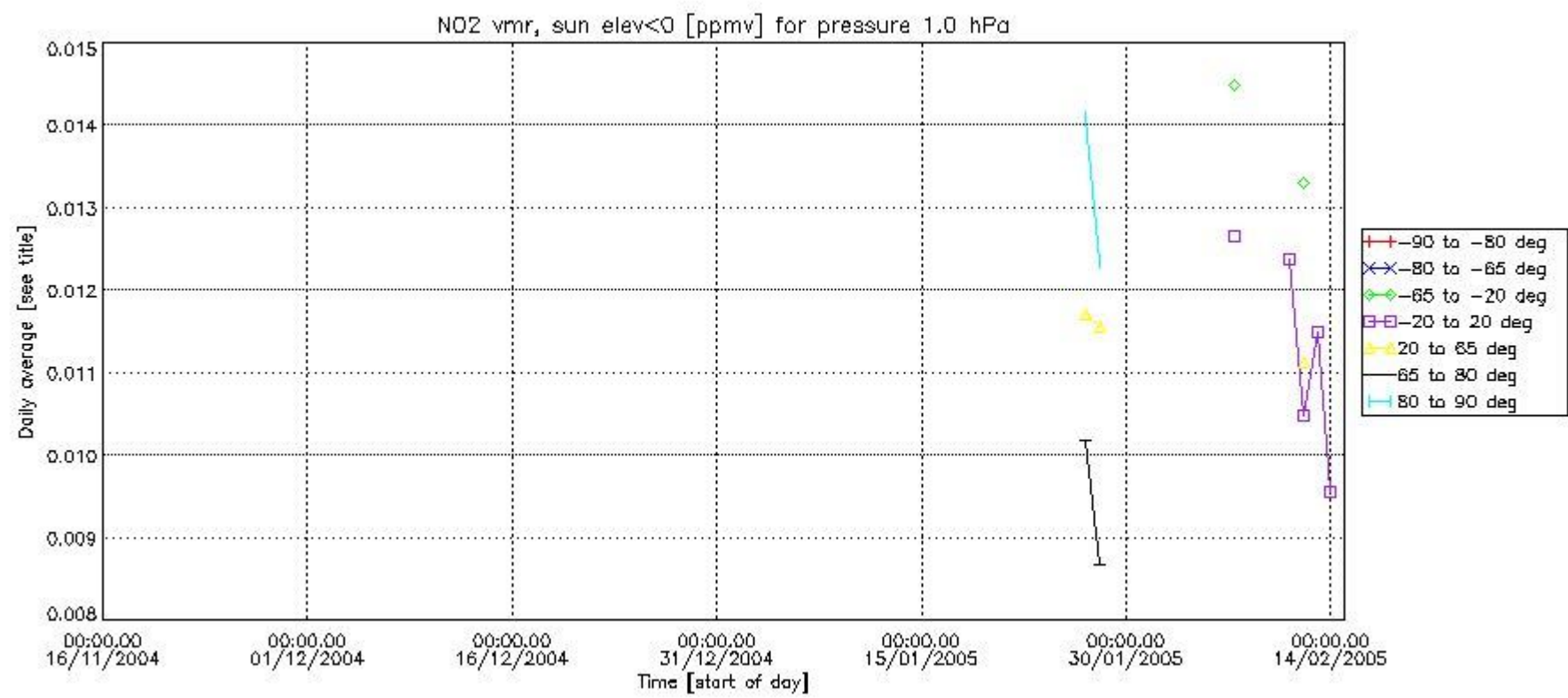
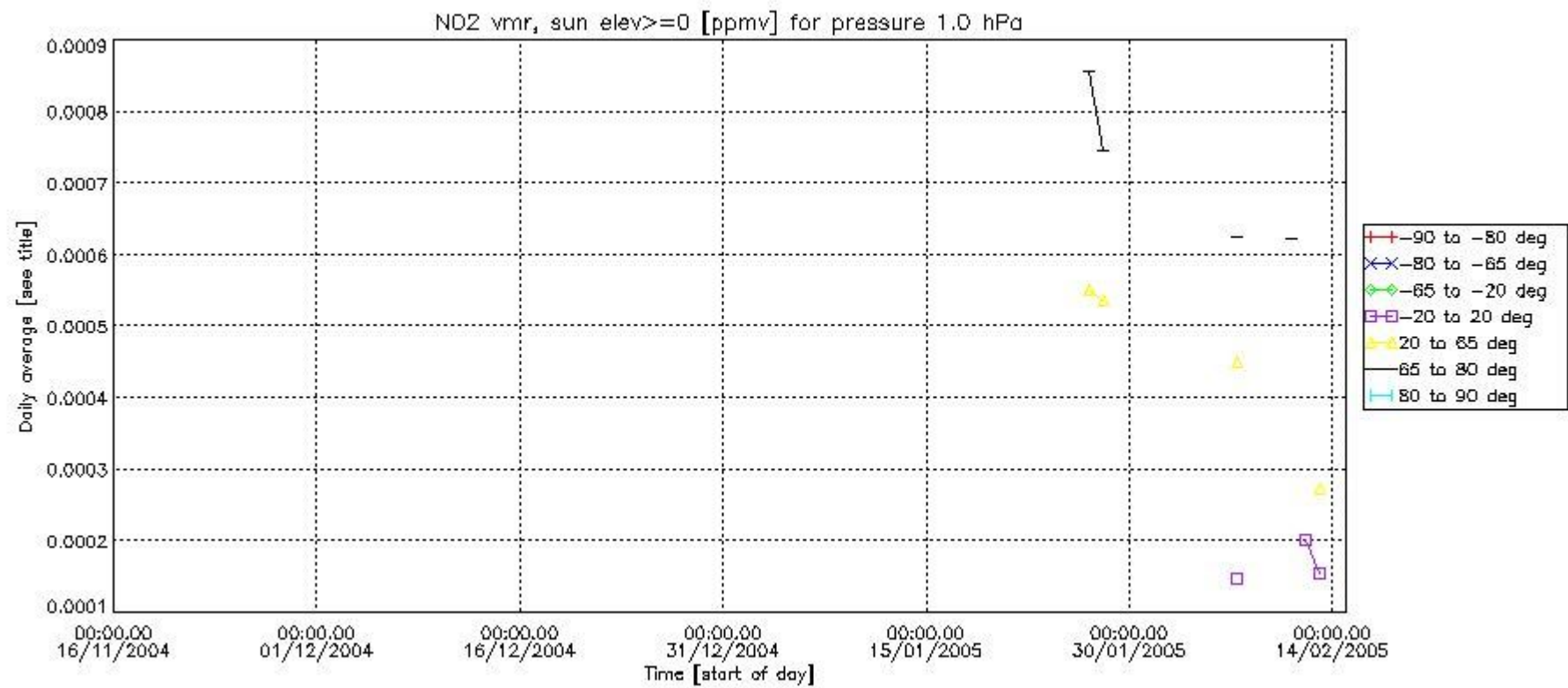


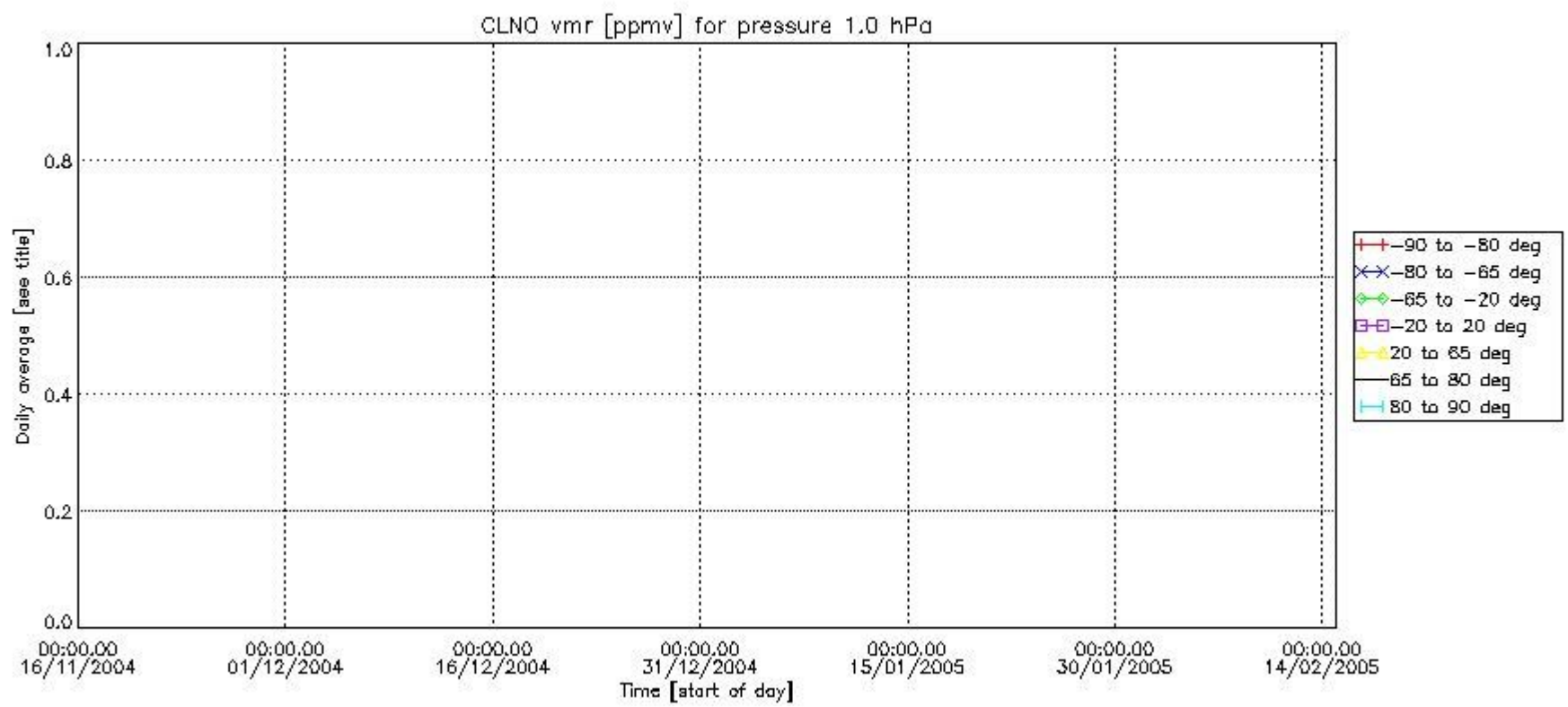
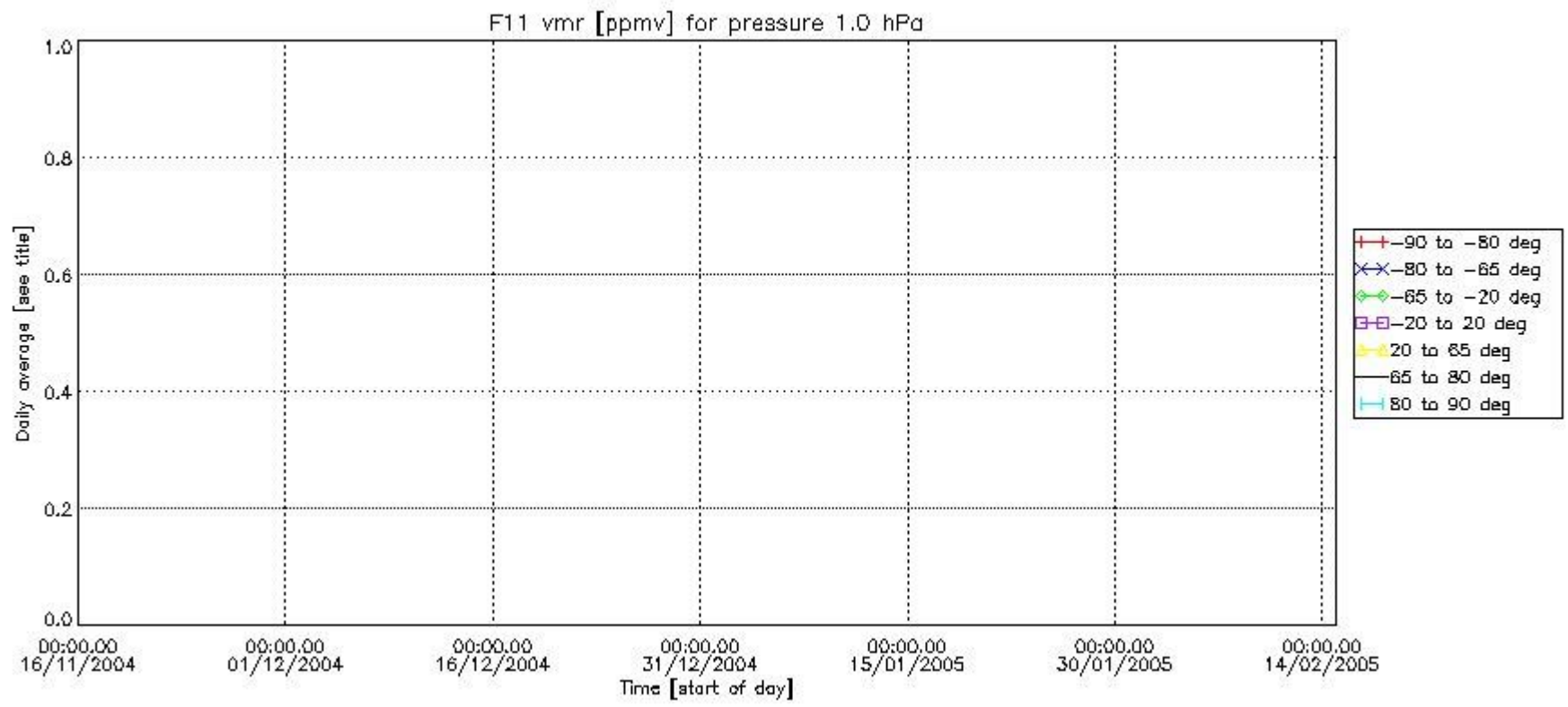




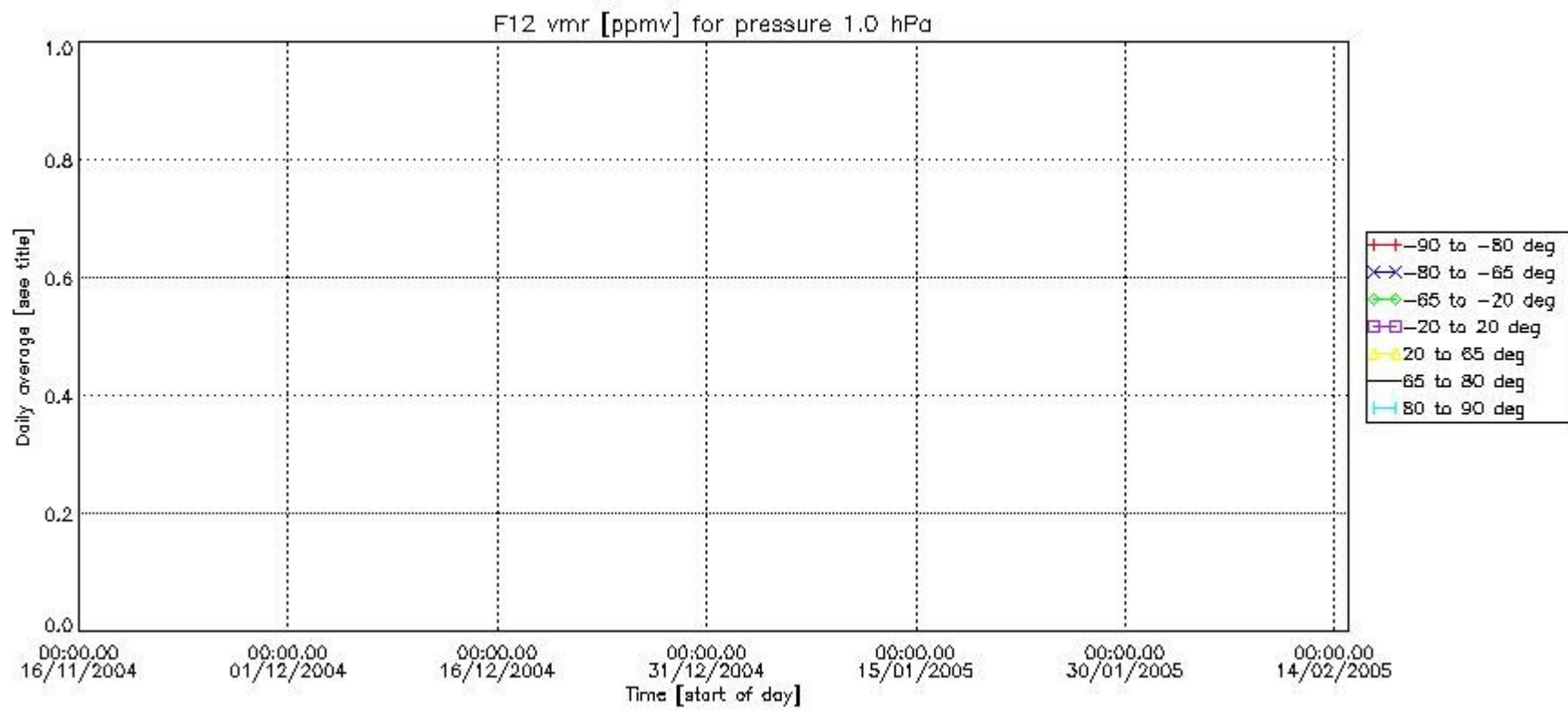
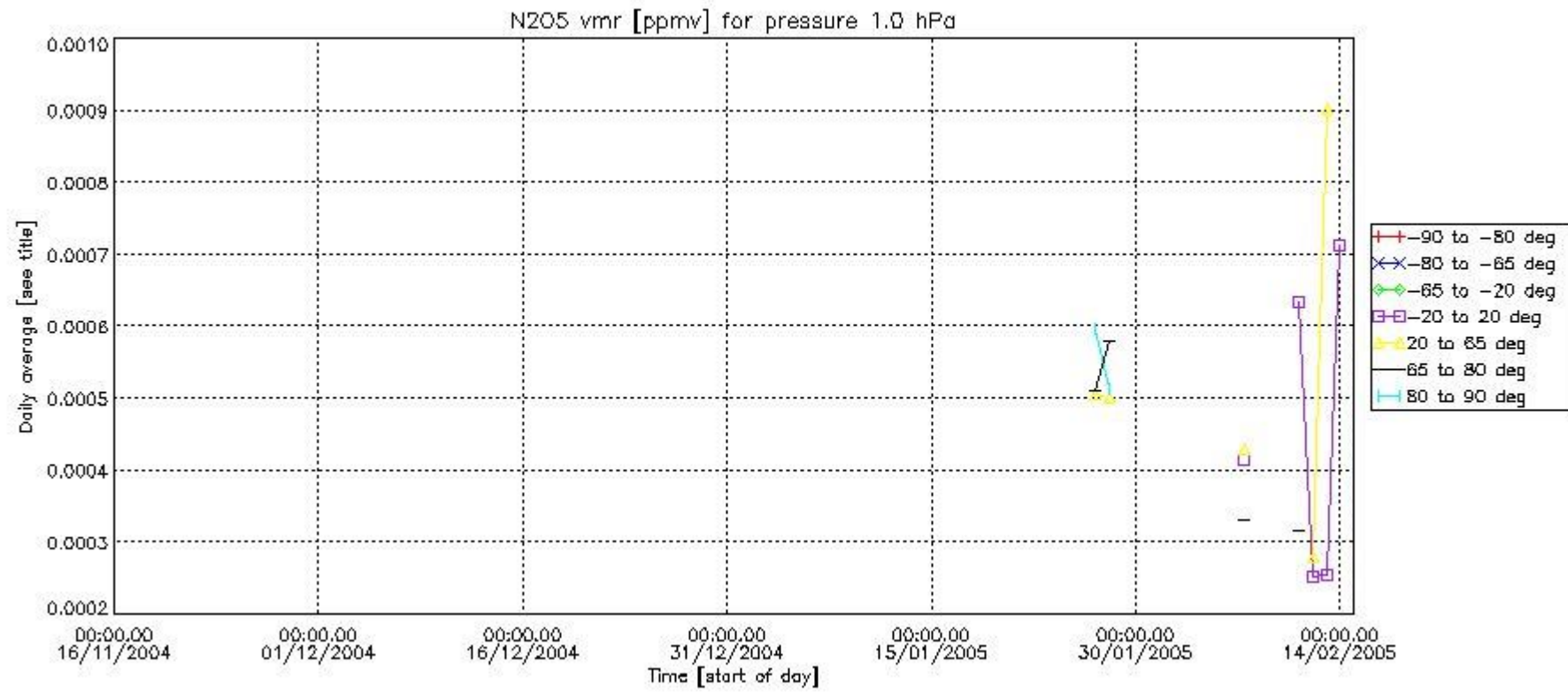




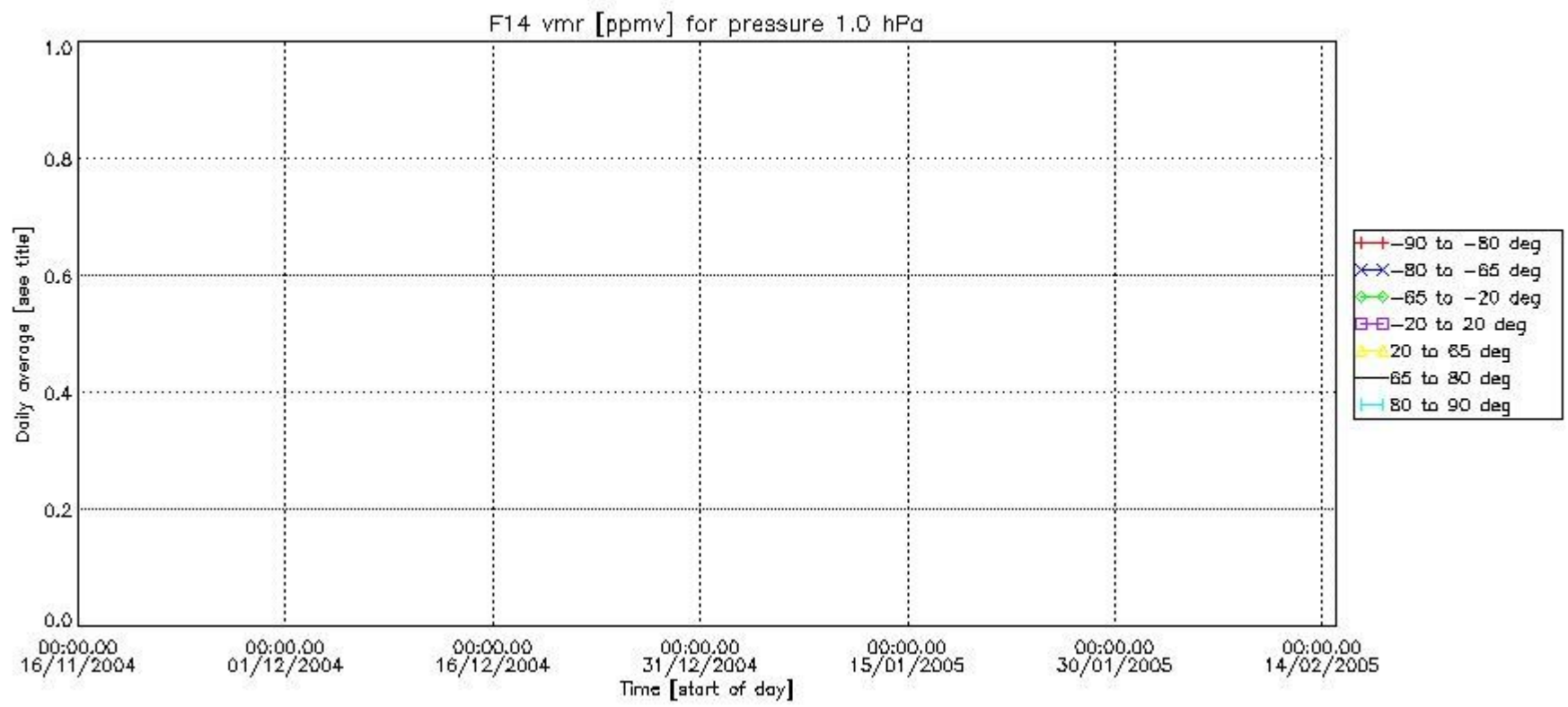
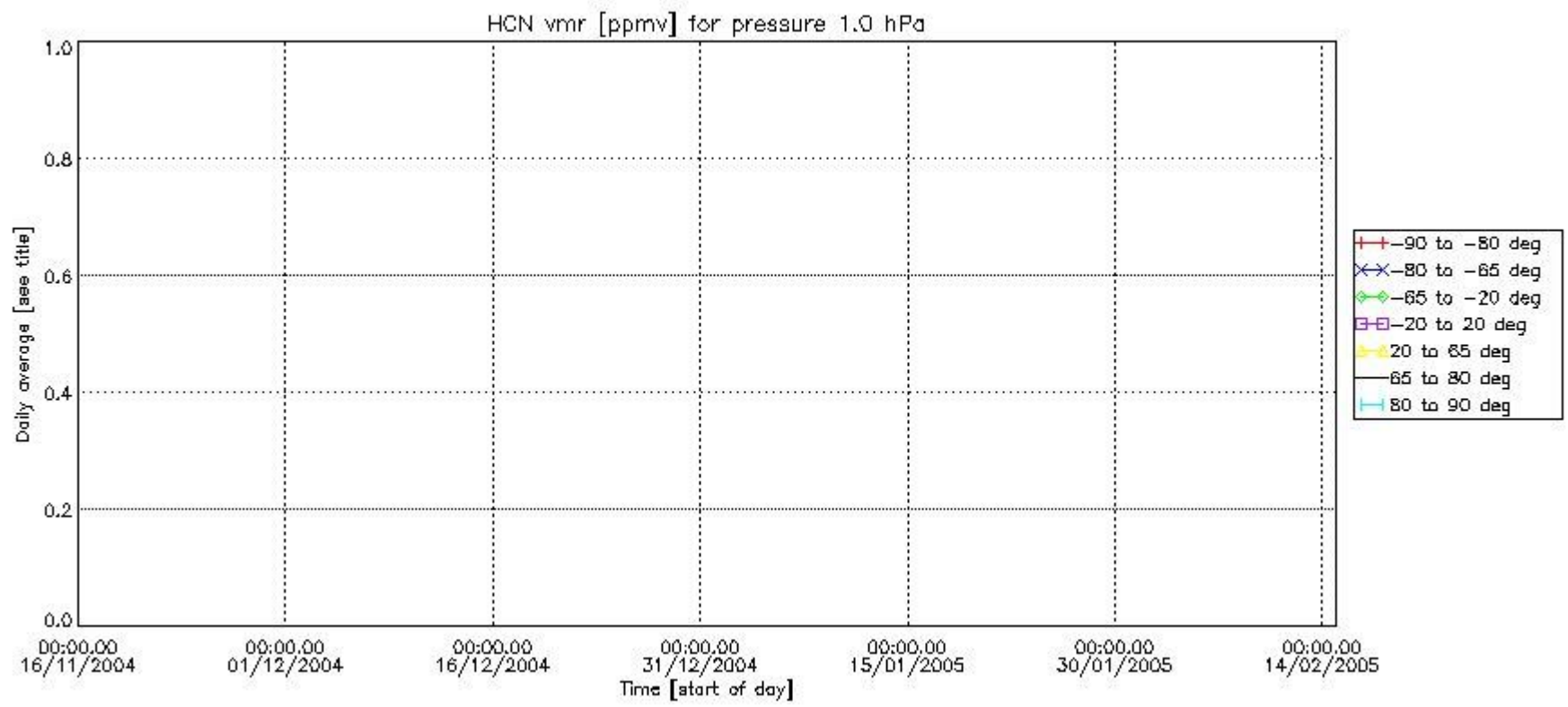


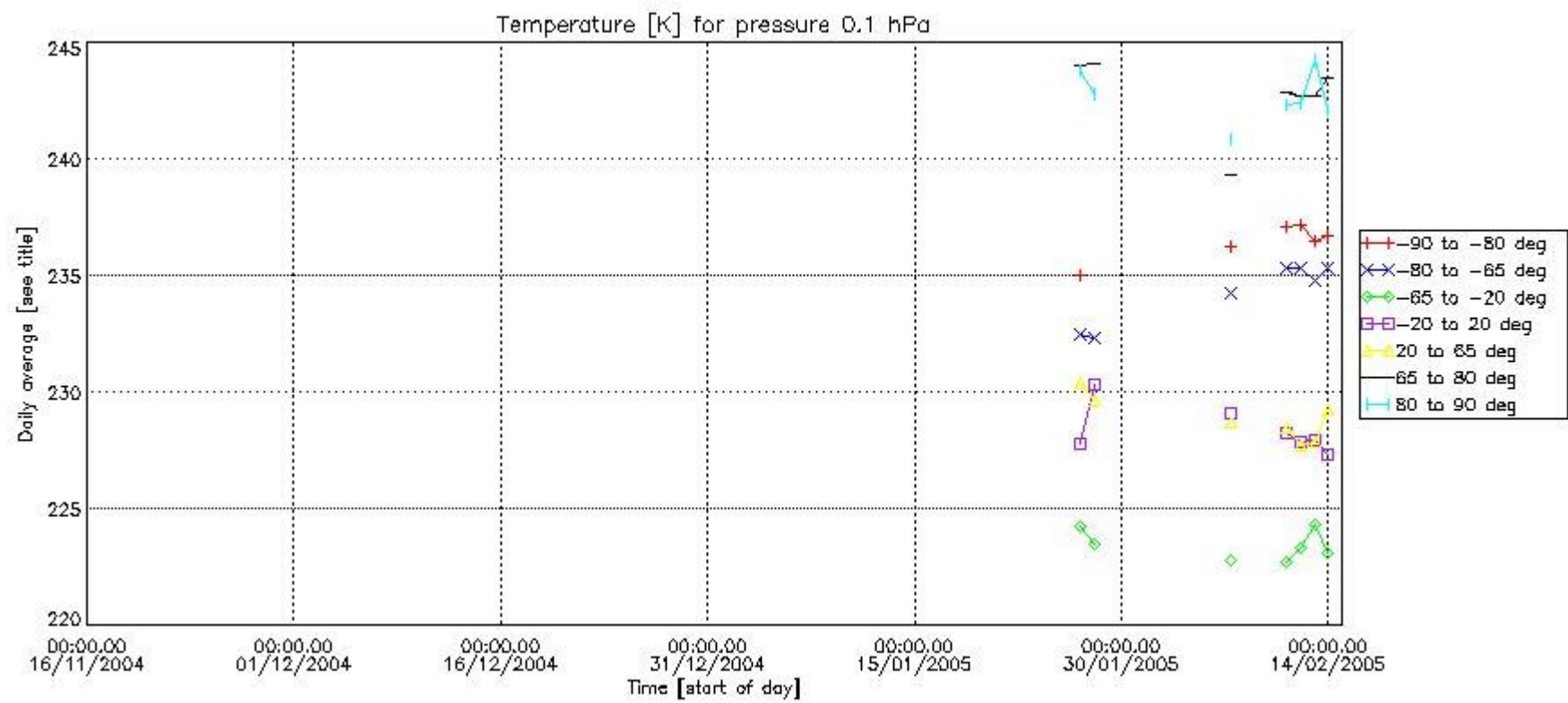
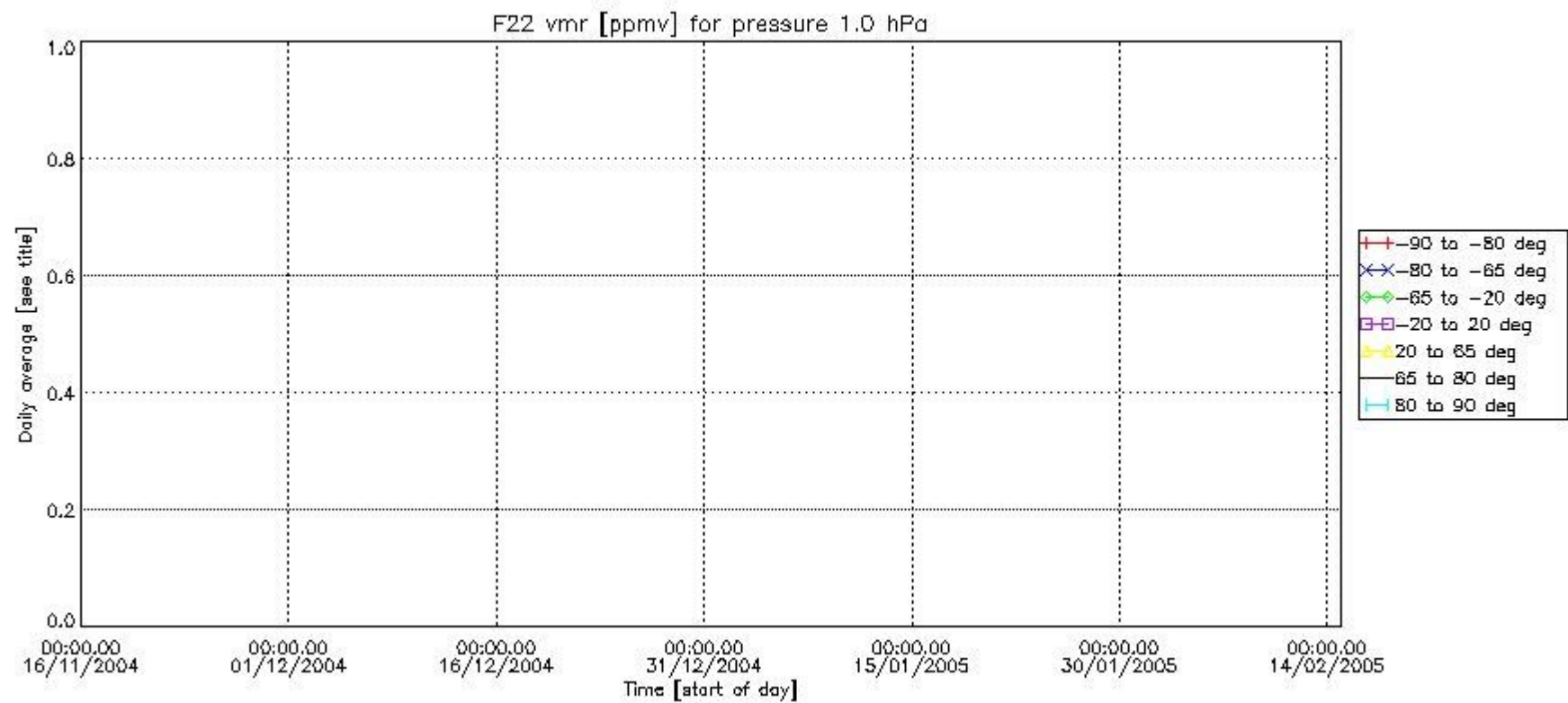




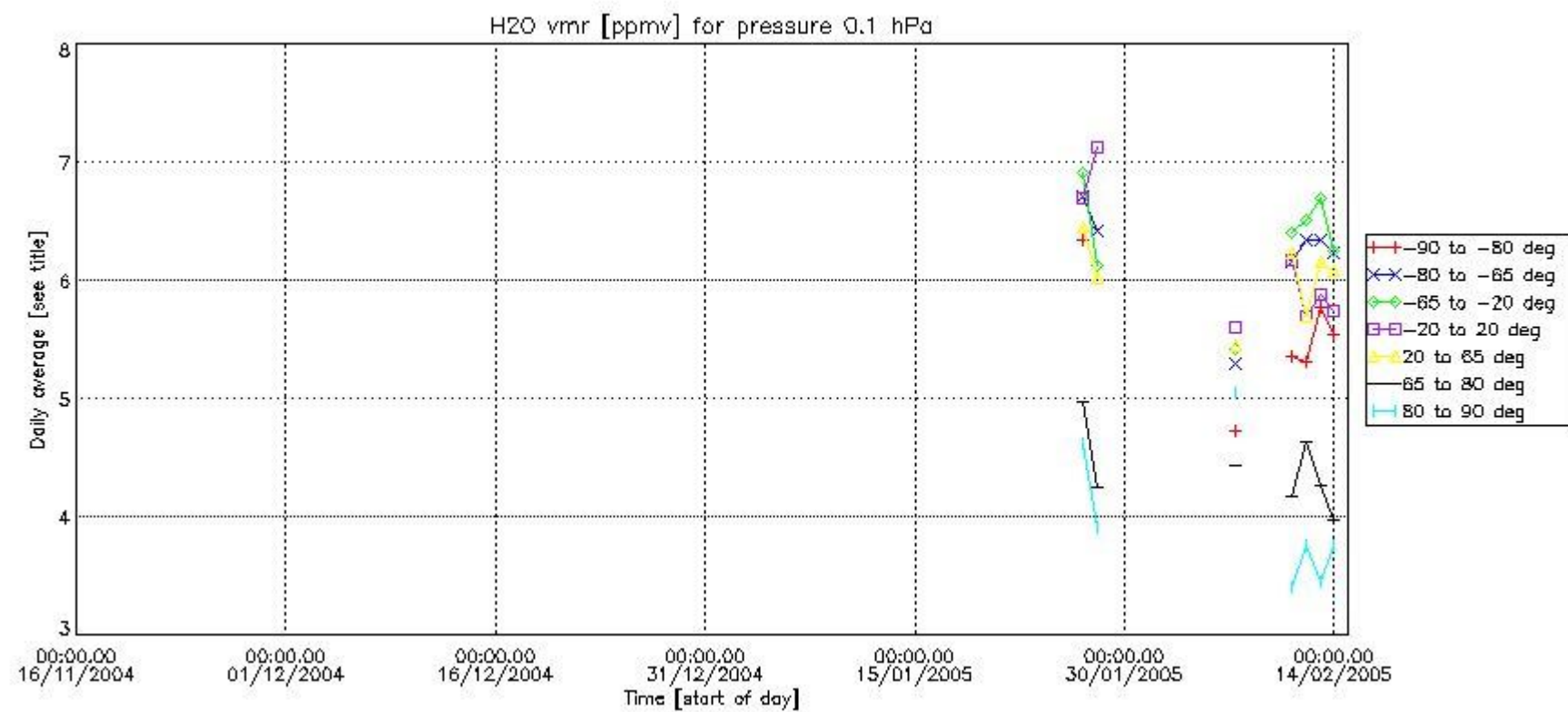
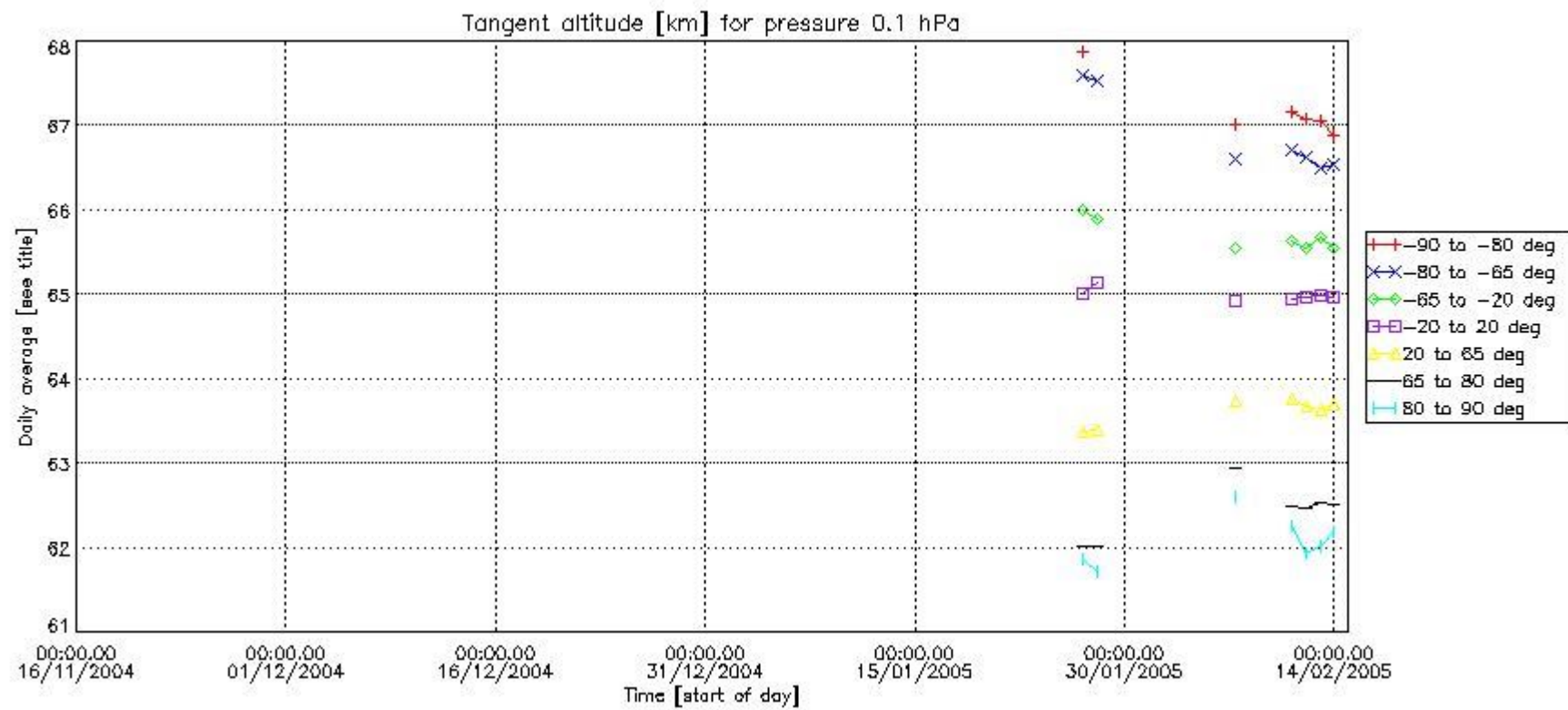


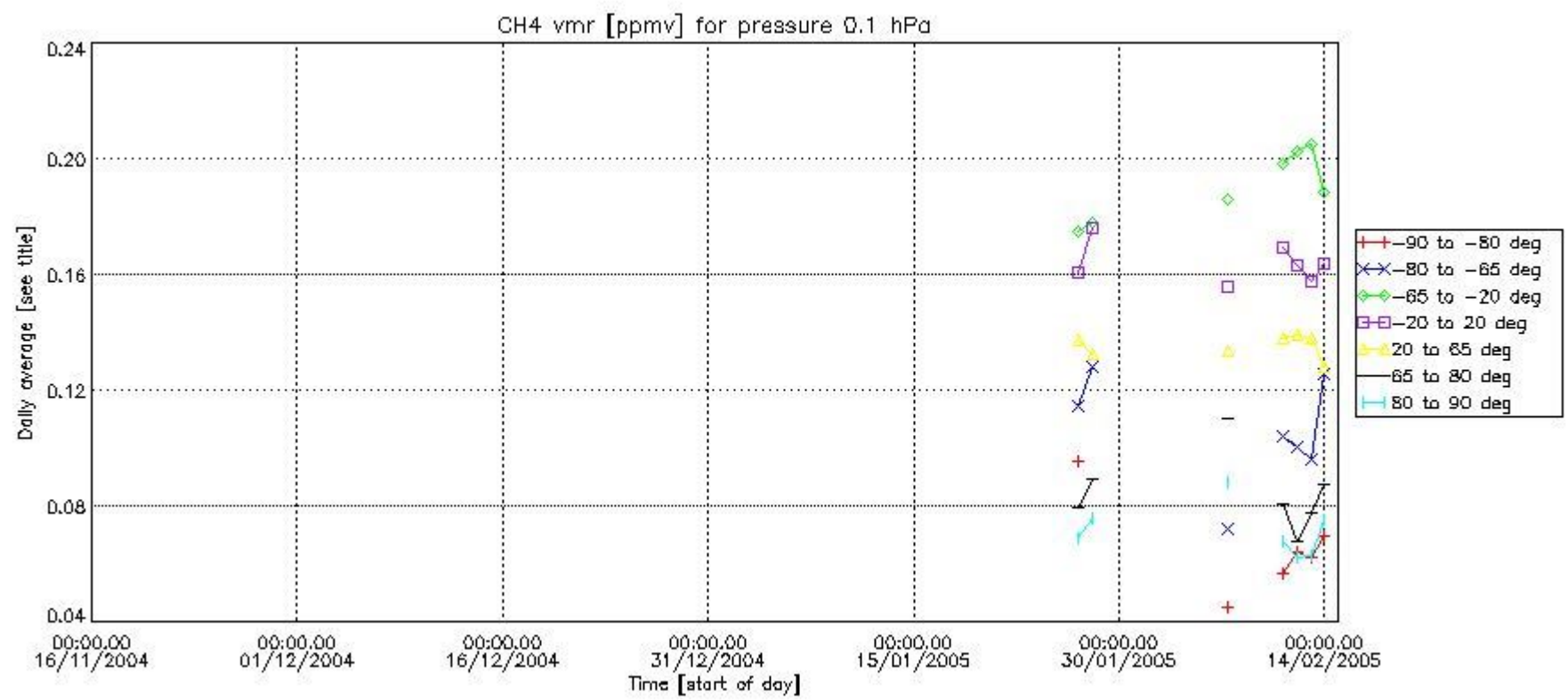
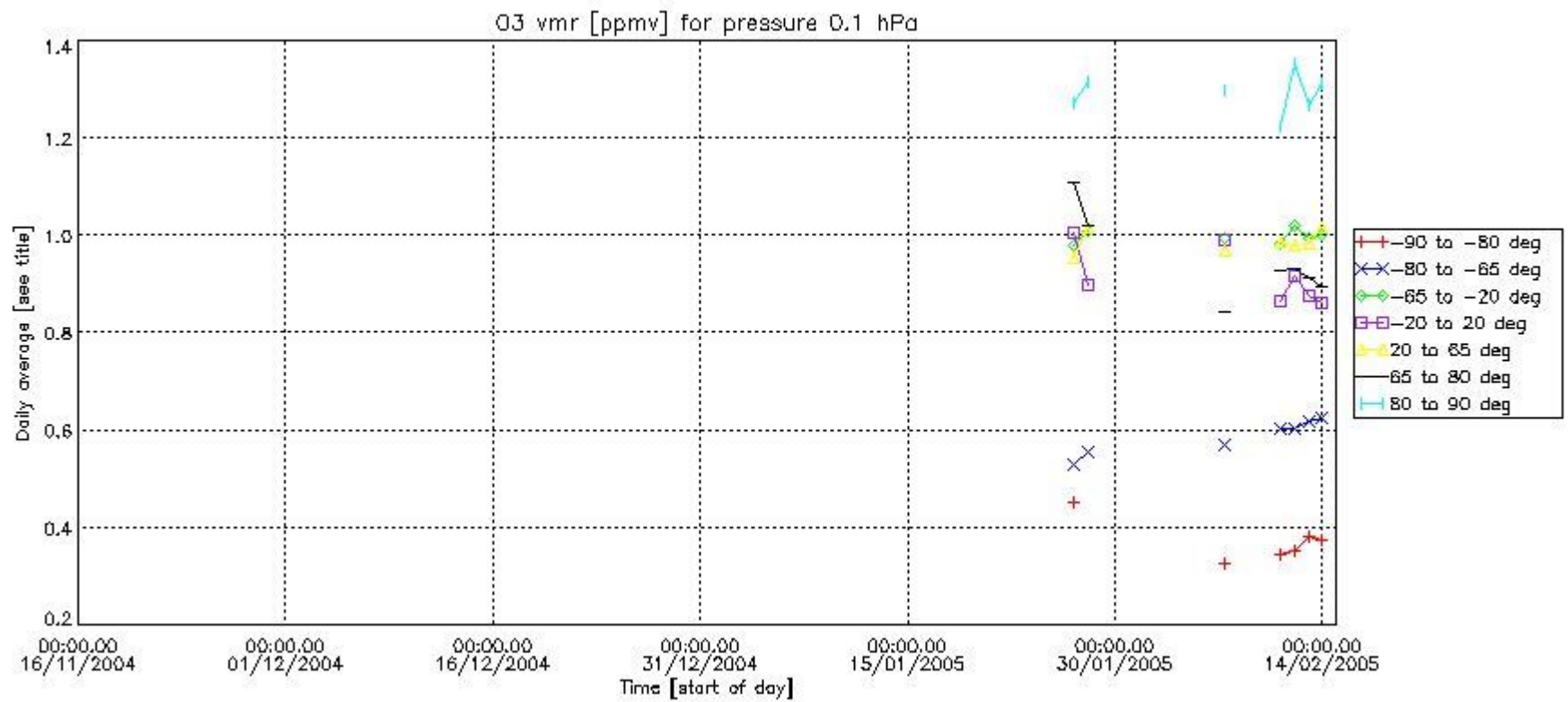


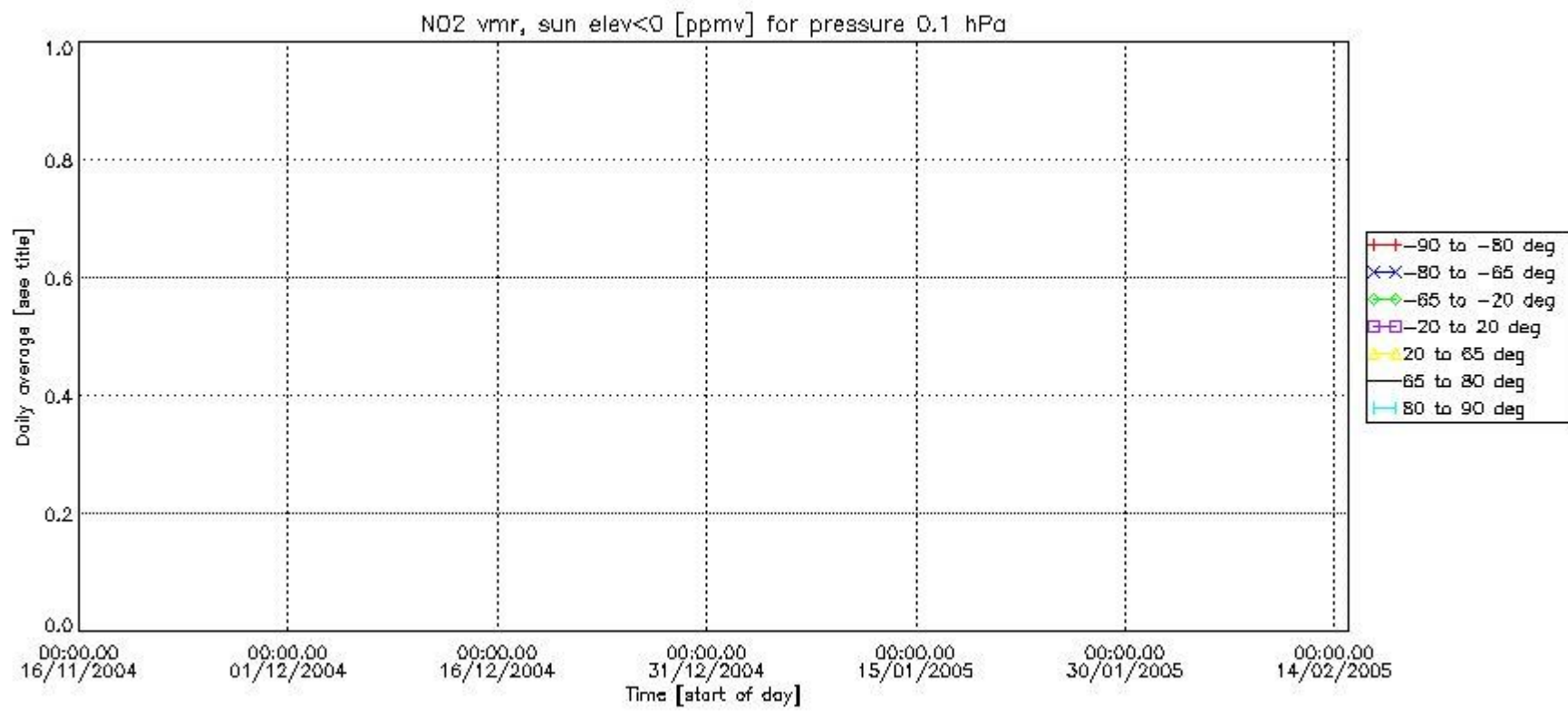
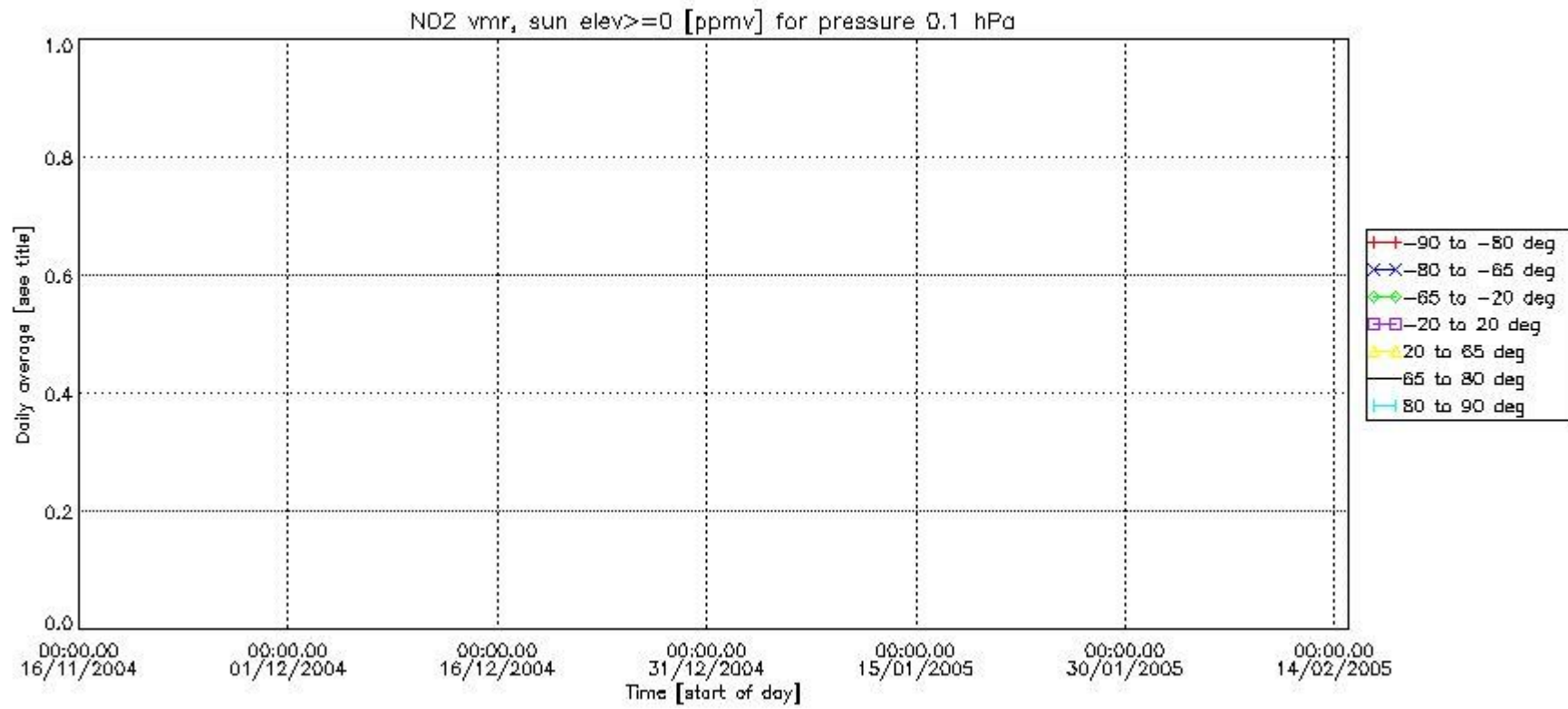


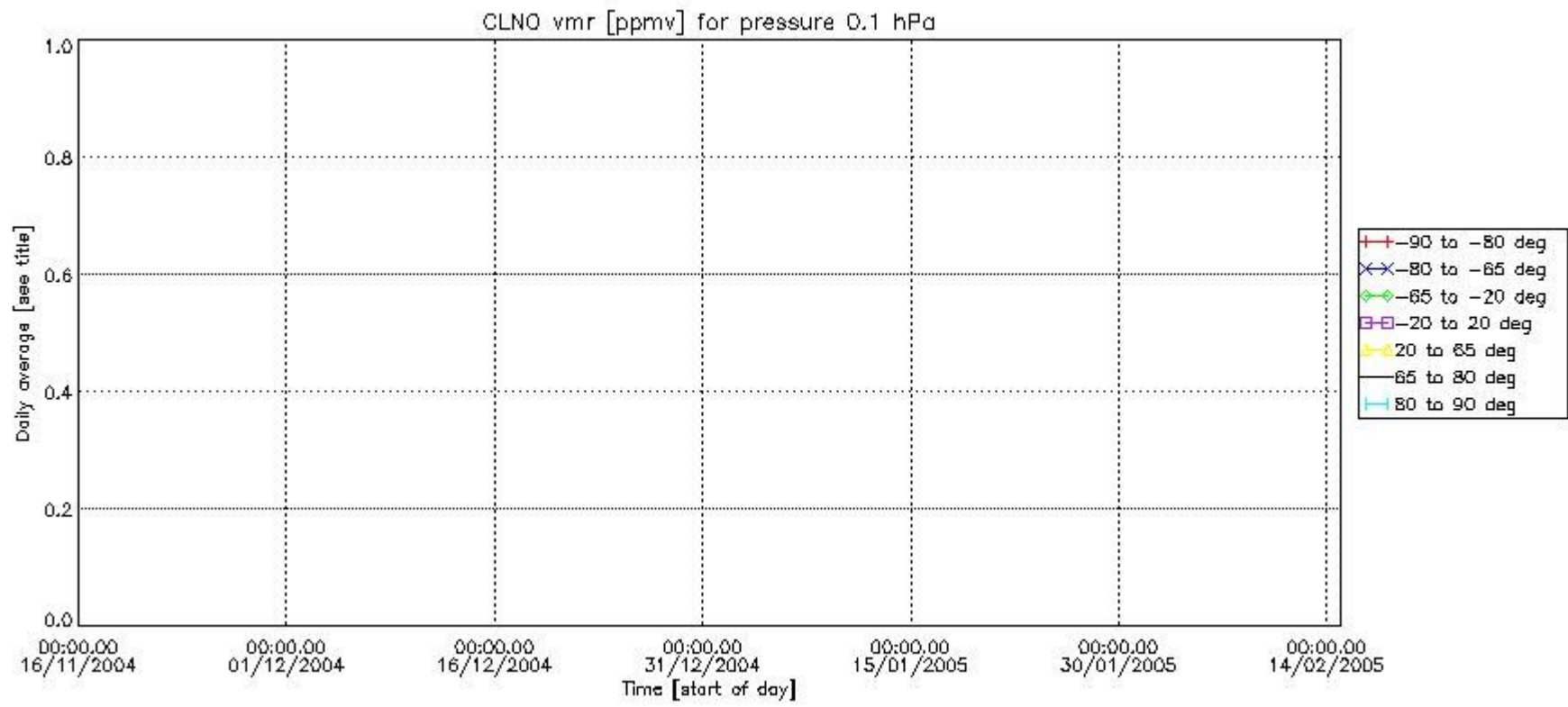
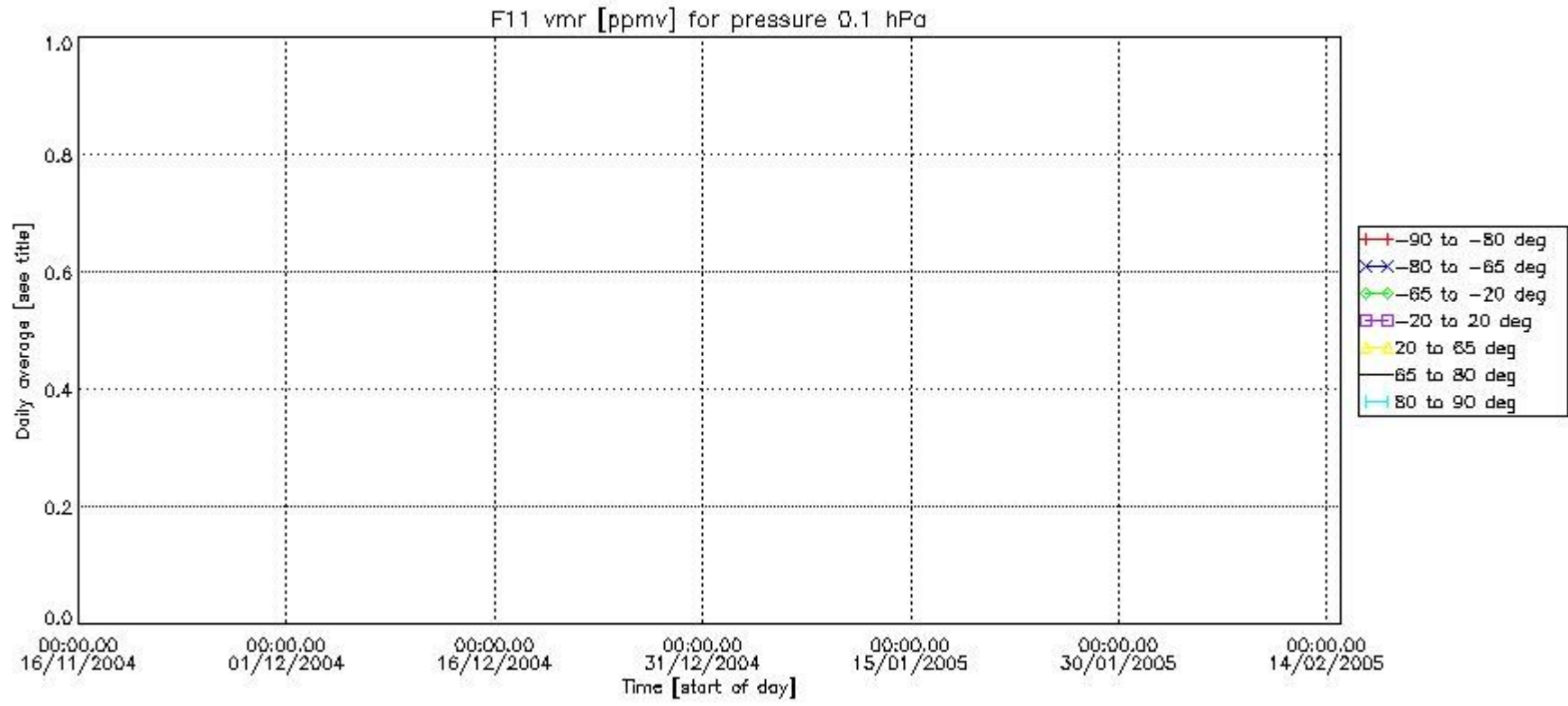




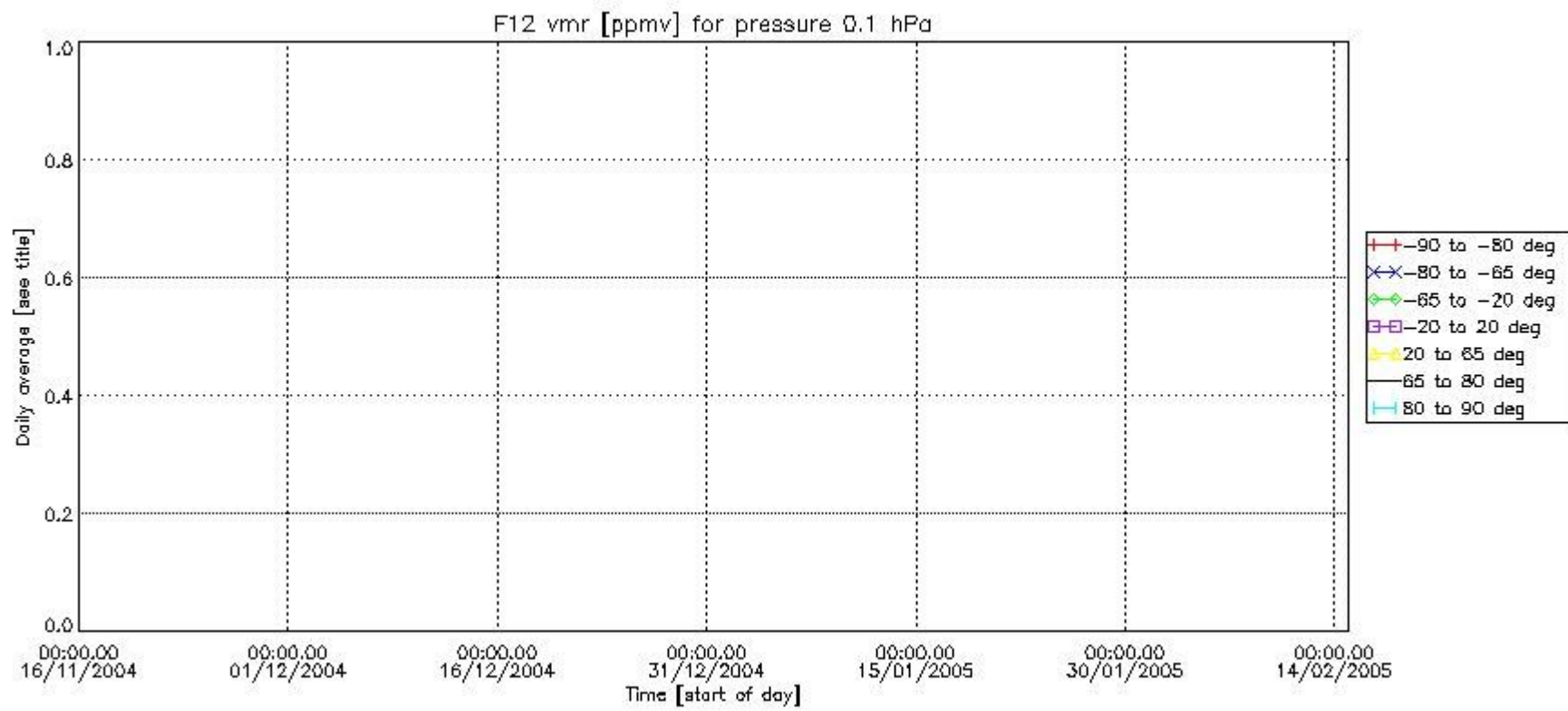
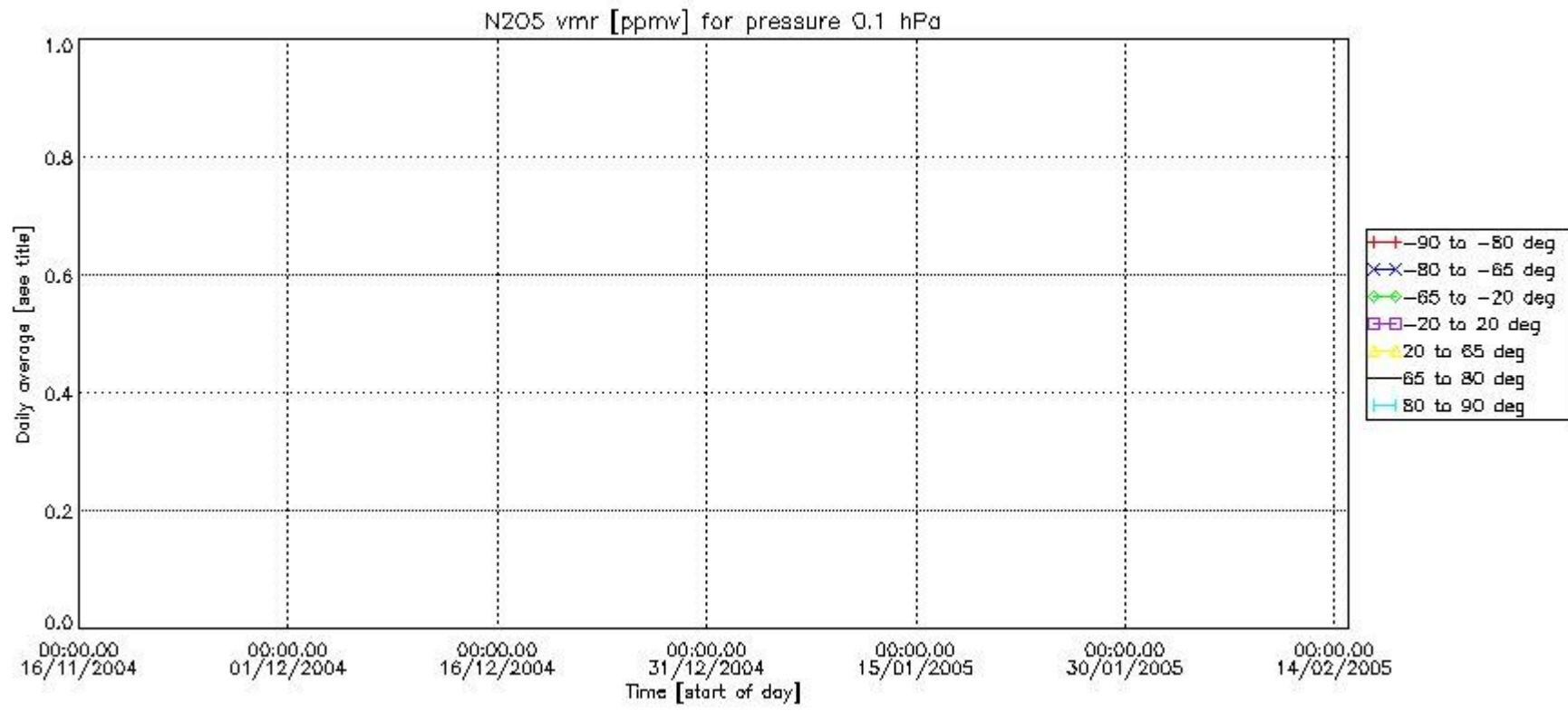


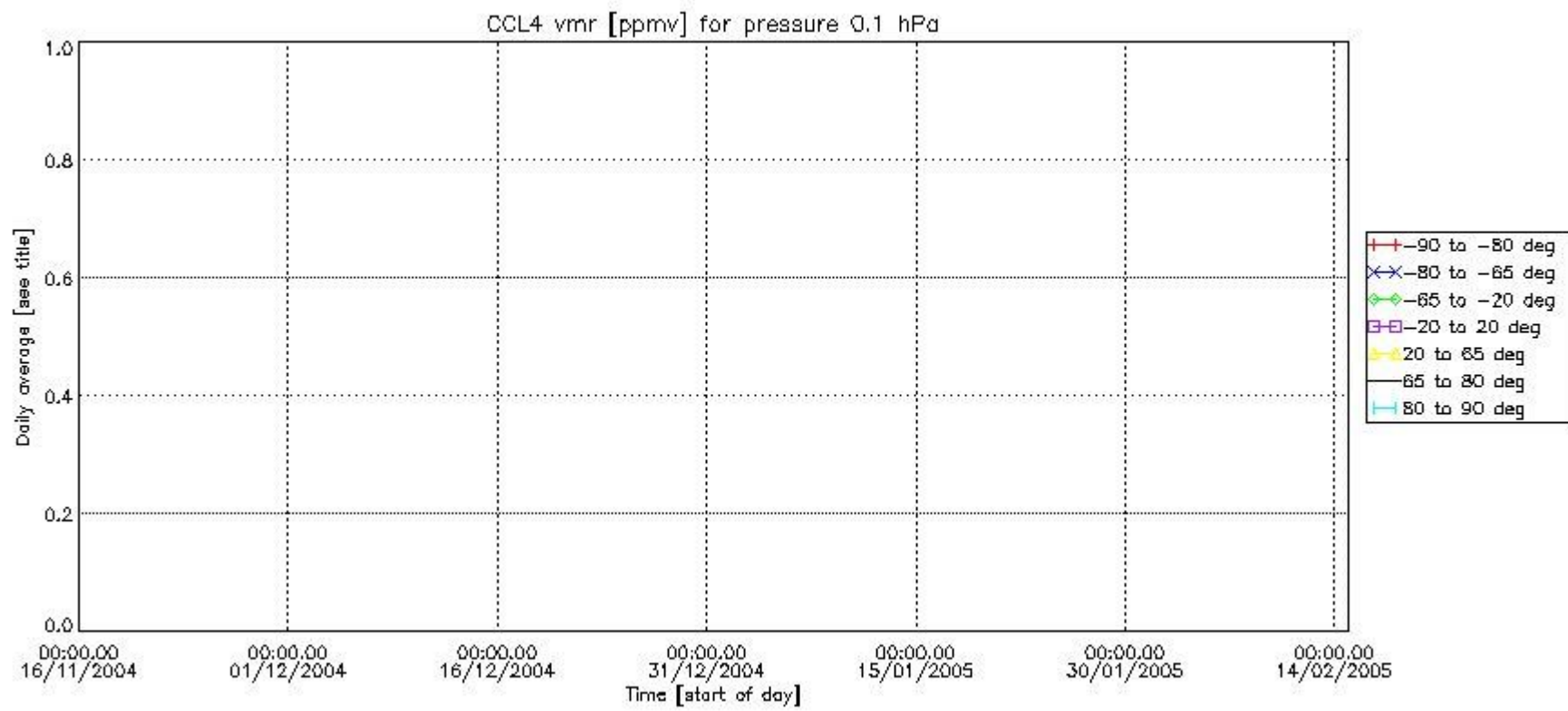
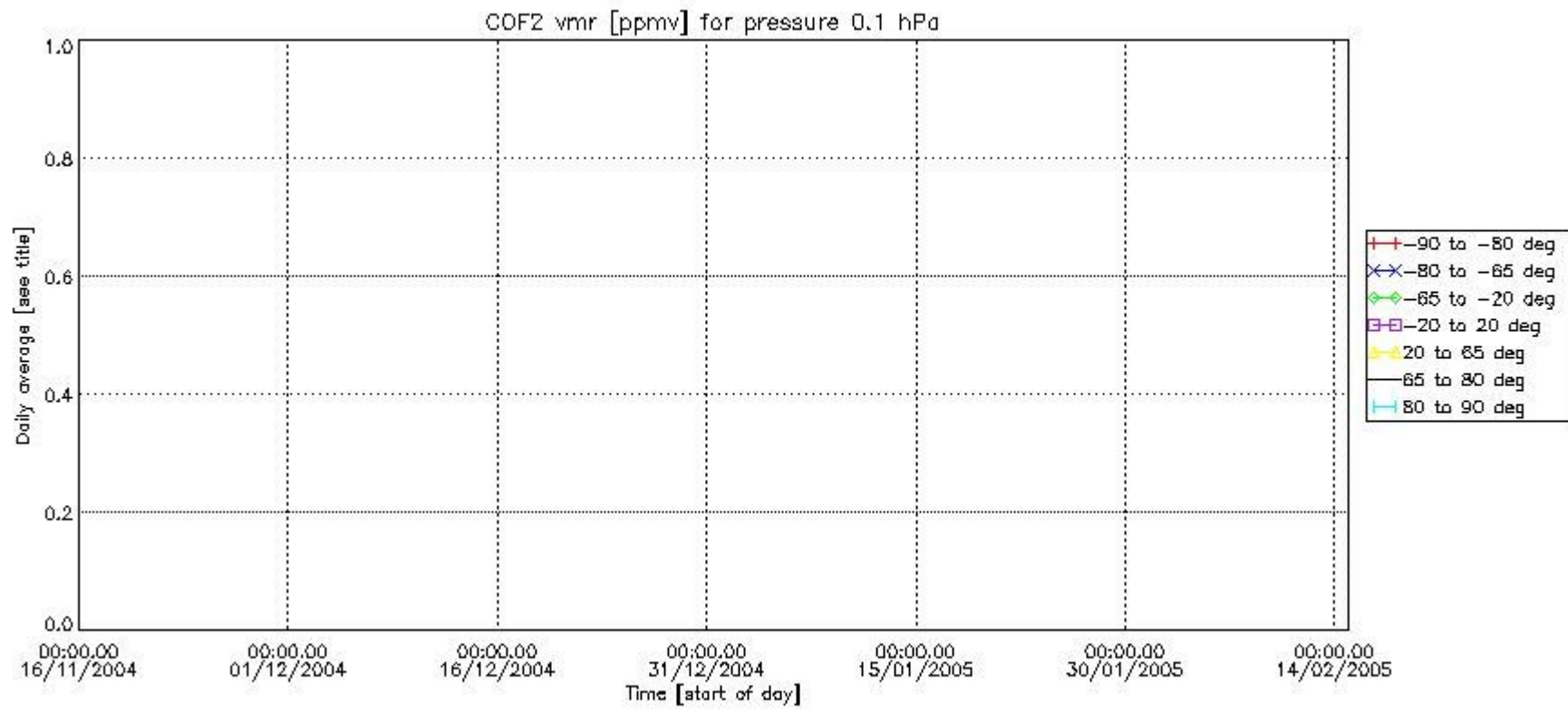


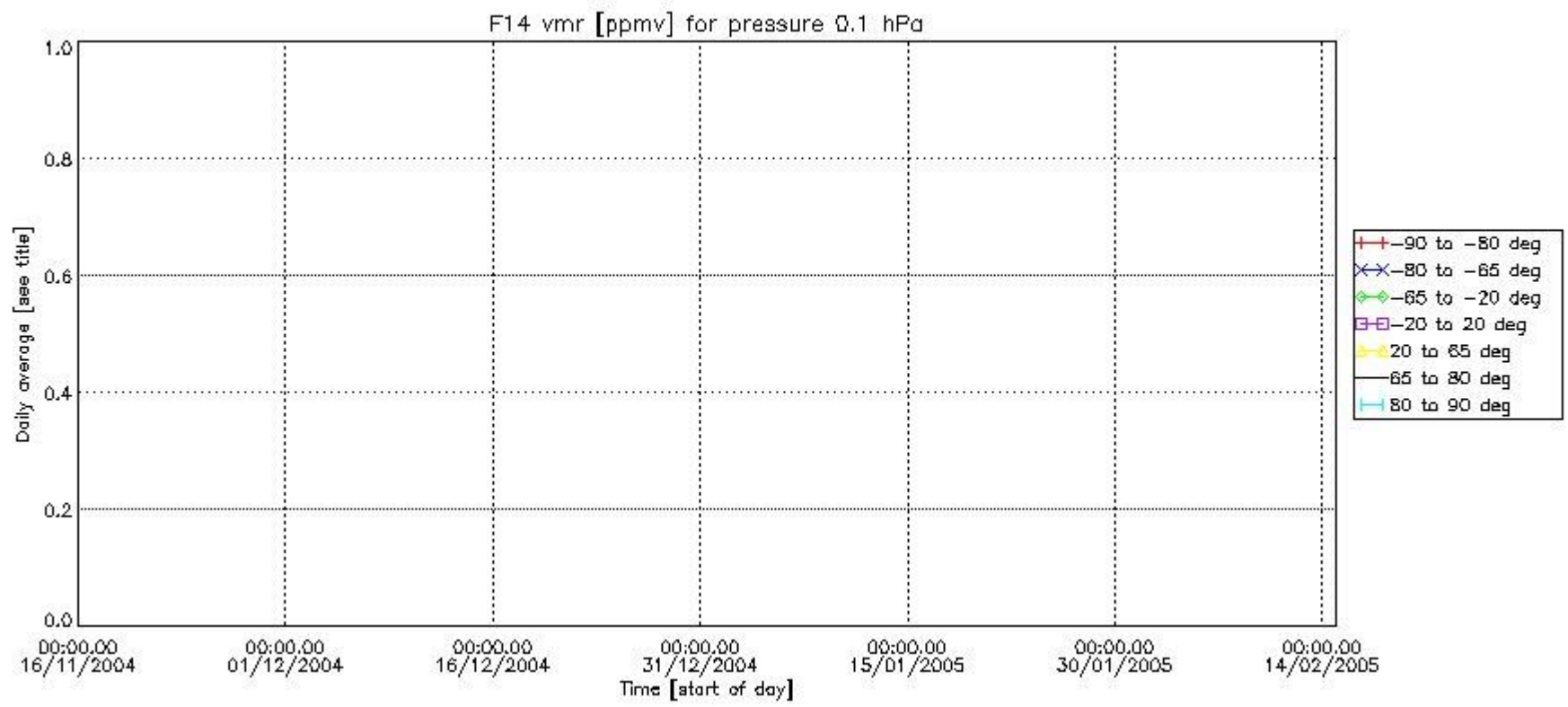
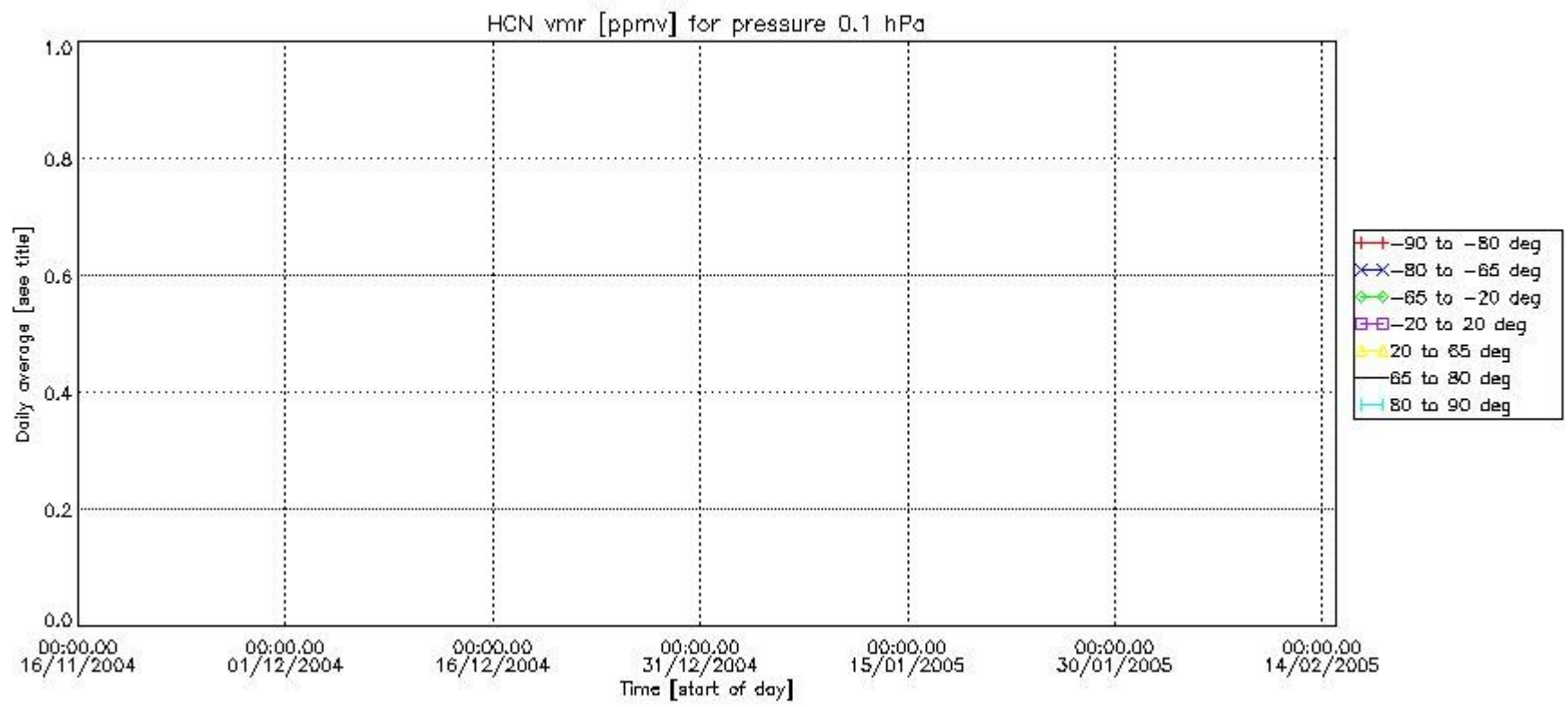


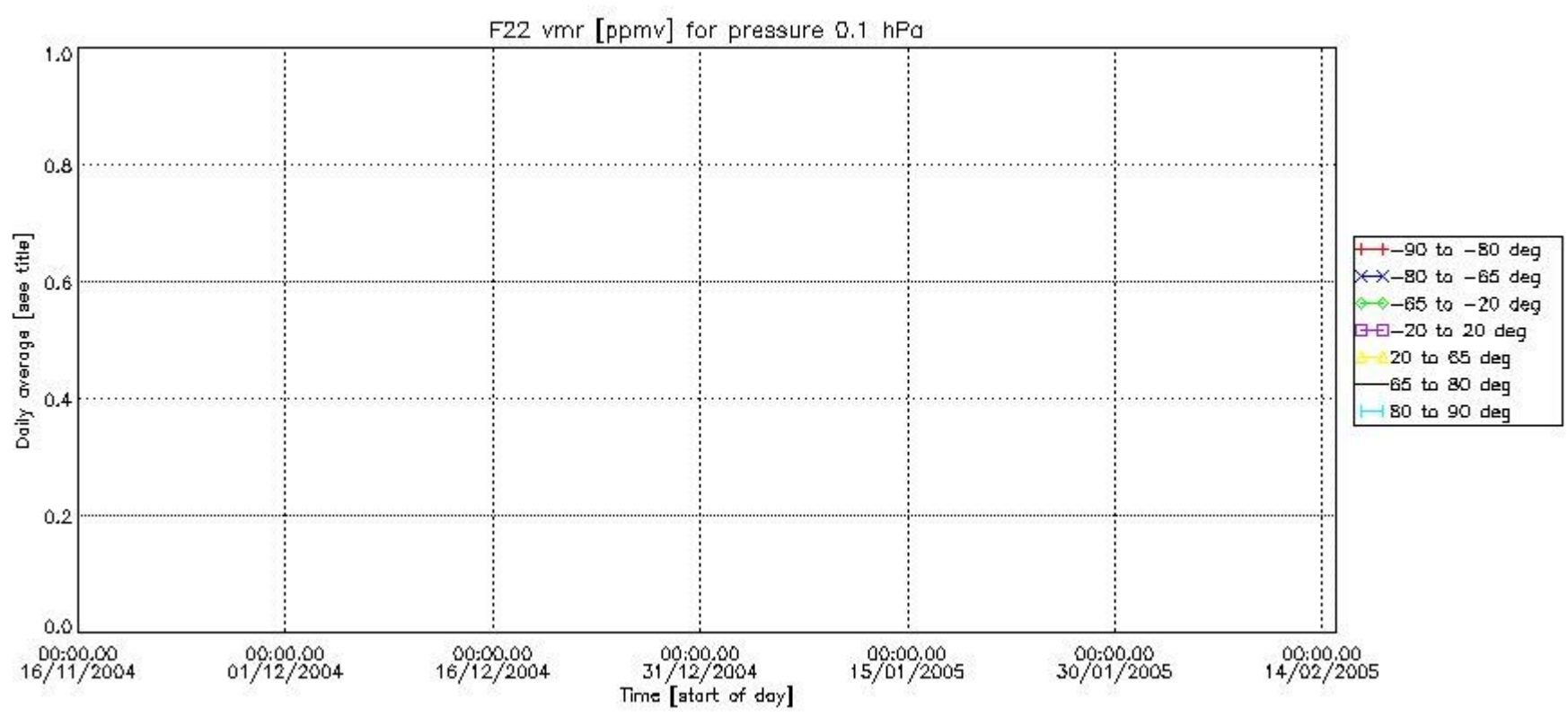














Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

