

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20050220.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 08:44:46
Data source version	ML2PP/7.03-W
Processing scope for products	20FEB2005 00:00:00 to 21FEB2005 00:00:00
Start time of first product within scope	20FEB2005 09:18:58
Stop time of last product within scope	21FEB2005 00:12:09
Total number of level 2 products	9
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__2PWDSI20050220_091858_000052602034_00480_15564_1000.N1	20FEB2005 09:18:58	20FEB2005 10:46:39	0	84/84	<b>P_T_TERM_MACRO_MICRO[micro:1]</b>
1	MIP_NL__2PWDSI20050220_104746_000060432034_00481_15565_1000.N1	20FEB2005 10:47:46	20FEB2005 12:28:29	0	80/80	<b>VMR_TERM_MACRO_MICRO[F14/micro:1]</b>
2	MIP_NL__2PWDSI20050220_122835_000059982034_00482_15566_1000.N1	20FEB2005 12:28:35	20FEB2005 14:08:33	0	93/93	<b>VMR_TERM_MACRO_MICRO[F14/macro:1; H2O/micro:1]</b>
3	MIP_NL__2PWDSI20050220_140840_000060302034_00483_15567_1000.N1	20FEB2005 14:08:40	20FEB2005 15:49:09	0	93/93	<b>VMR_TERM_MACRO_MICRO[H2O/micro:1; HCN/micro:1]</b>
4	MIP_NL__2PWDSI20050220_154915_000051522034_00484_15568_1000.N1	20FEB2005 15:49:15	20FEB2005 17:15:07	0	79/79	<b>VMR_TERM_MACRO_MICRO[F14/macro:1]</b>
5	MIP_NL__2PWDSI20050220_173738_000055632034_00485_15569_1000.N1	20FEB2005 17:37:38	20FEB2005 19:10:21	0	89/89	<b>VMR_TERM_MACRO_MICRO[CH4/macro:1; F14/macro:1; N2O5/micro:1; HCN/micro:2]</b>
6	MIP_NL__2PWDSI20050220_191027_000060302034_00486_15570_1000.N1	20FEB2005 19:10:27	20FEB2005 20:50:57	0	93/93	
7	MIP_NL__2PWDSI20050220_205103_000060302034_00487_15571_1000.N1	20FEB2005 20:51:03	20FEB2005 22:31:33	0	93/93	
8	MIP_NL__2PWDSI20050220_223139_000060302034_00488_15572_1000.N1	20FEB2005 22:31:39	21FEB2005 00:12:09	0	93/93	<b>VMR_TERM_MACRO_MICRO[HCN/macro:1]</b>

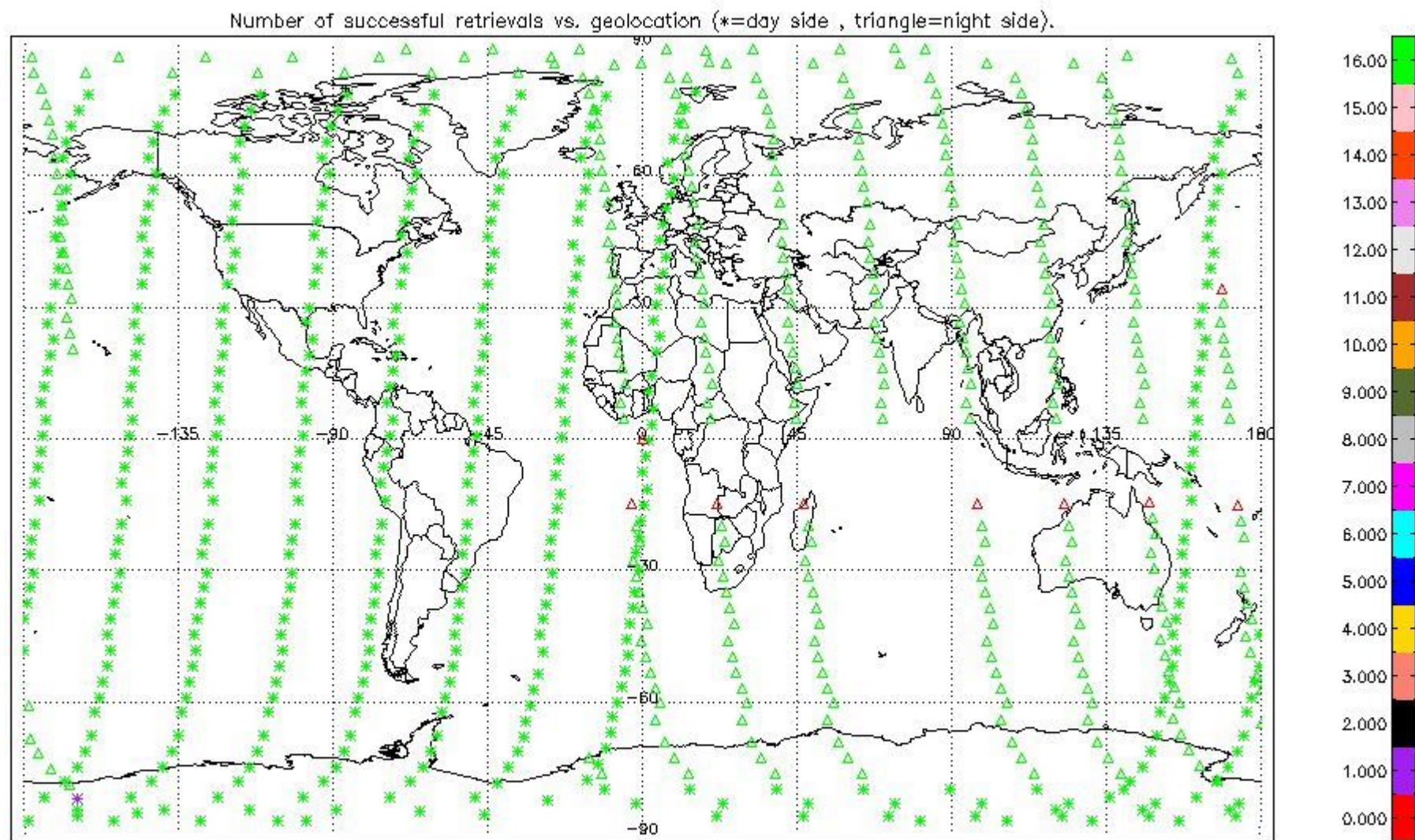
## 2.2 Processing performance indicators

### 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.

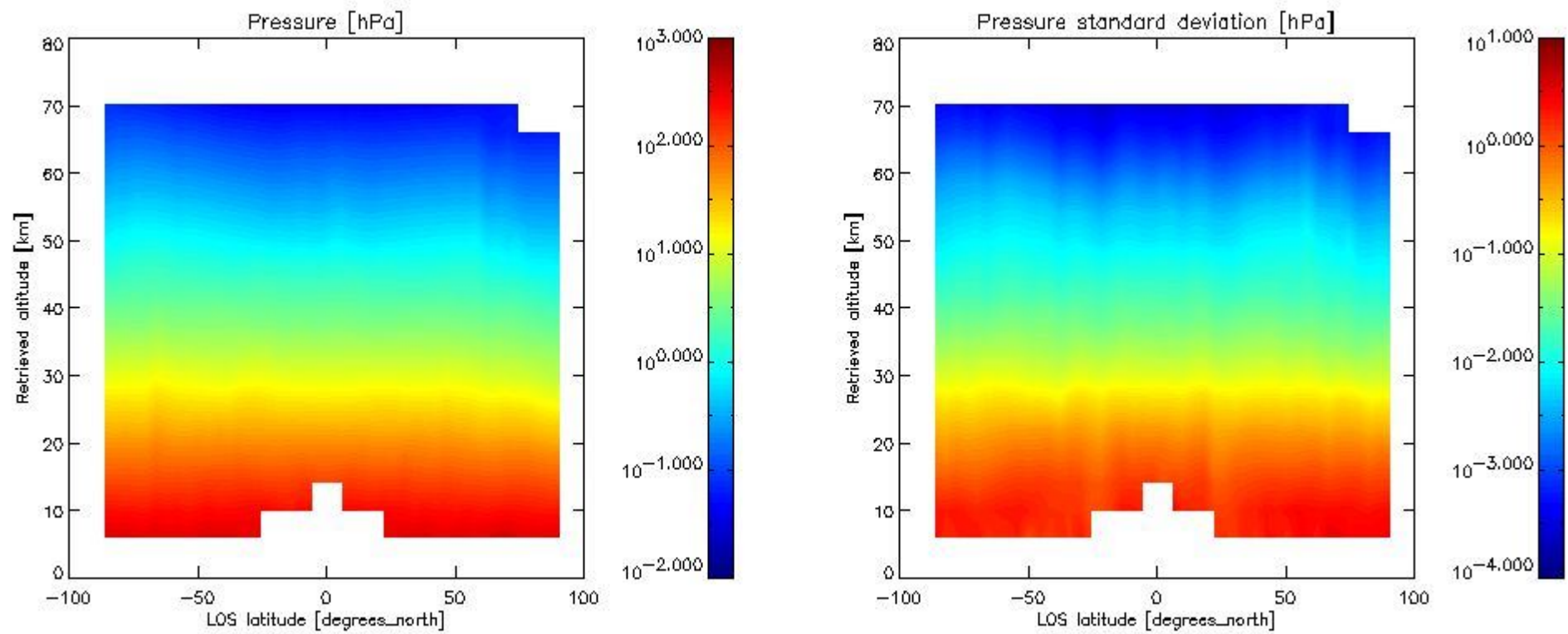
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	797	770	96.612

H2O	797	769	96.487
O3	797	769	96.487
HNO3	797	769	96.487
CH4	797	769	96.487
N2O	797	769	96.487
NO2	797	769	96.487
F11	797	769	96.487
CLNO	797	769	96.487
N2O5	797	769	96.487
F12	797	769	96.487
COF2	797	769	96.487
CCL4	797	769	96.487
HCN	797	769	96.487
F14	797	769	96.487
F22	797	769	96.487



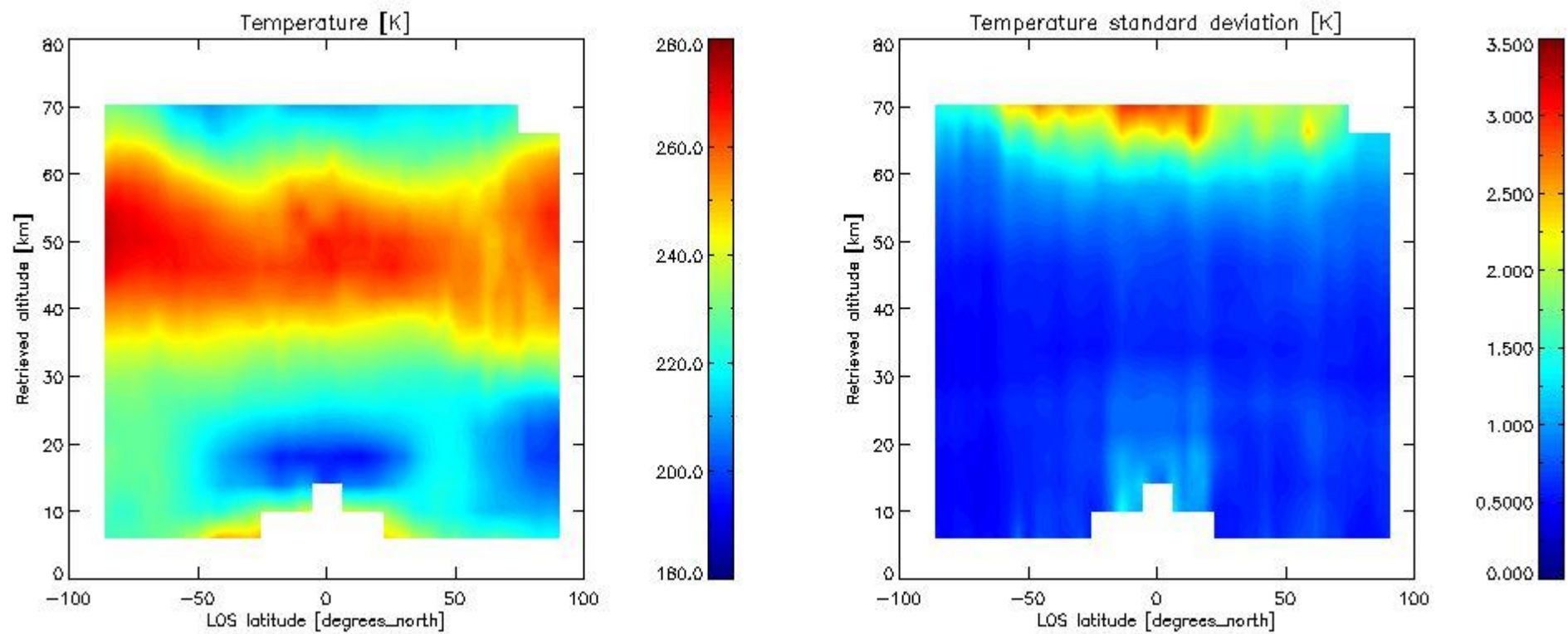
### 2.2.2 Pressure overview

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



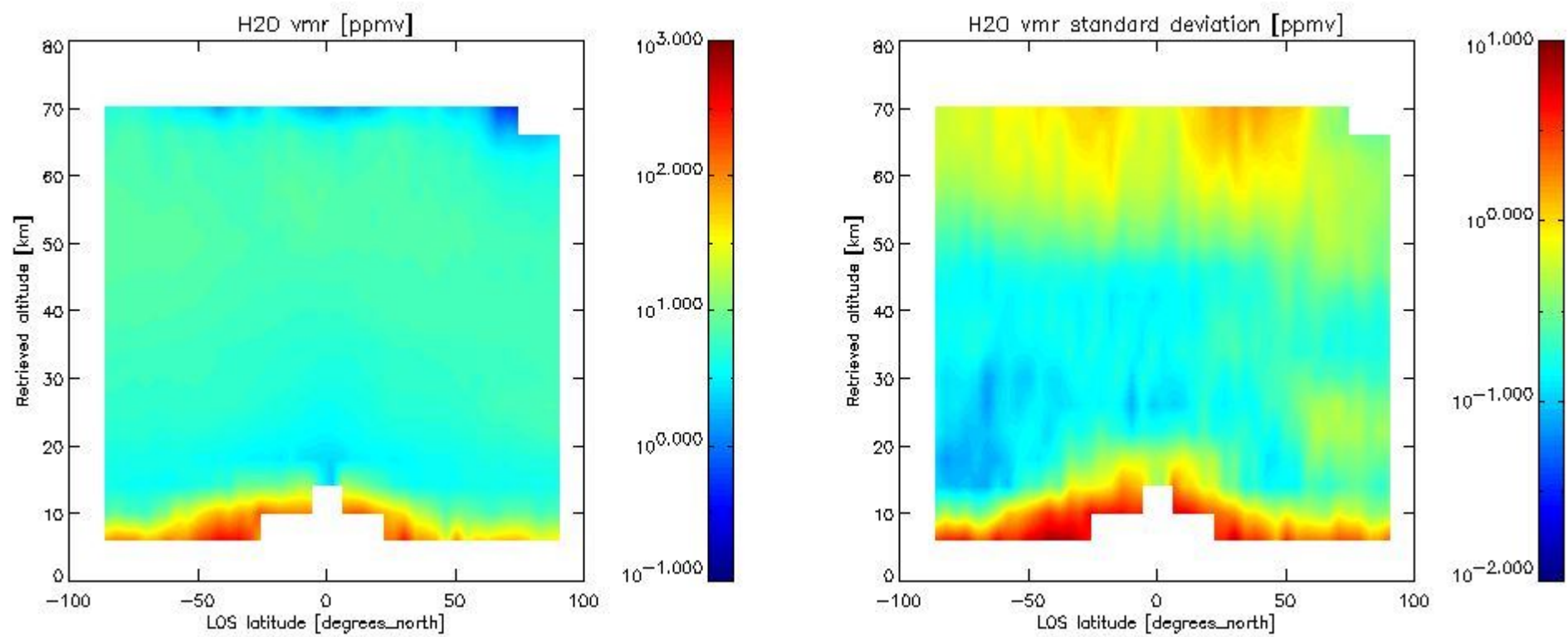
### 2.2.3 Temperature overview

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

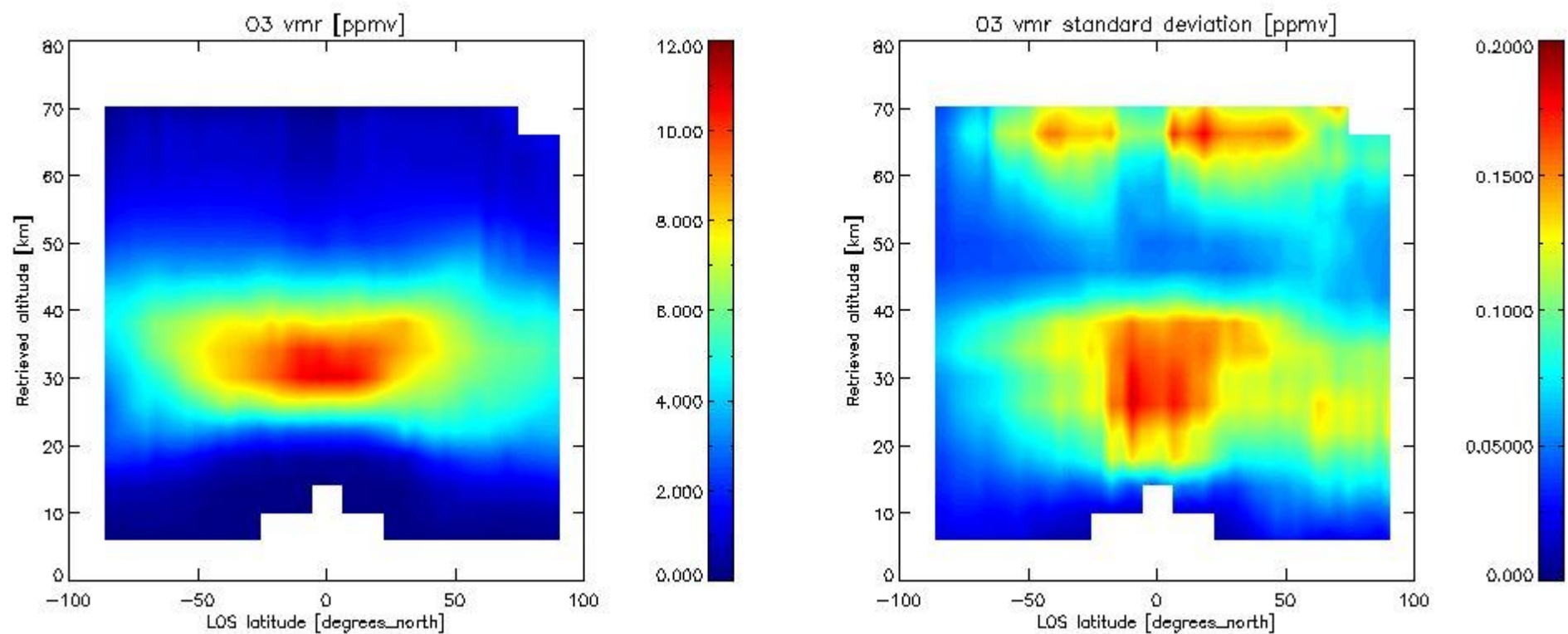


### 2.2.4 Species overview

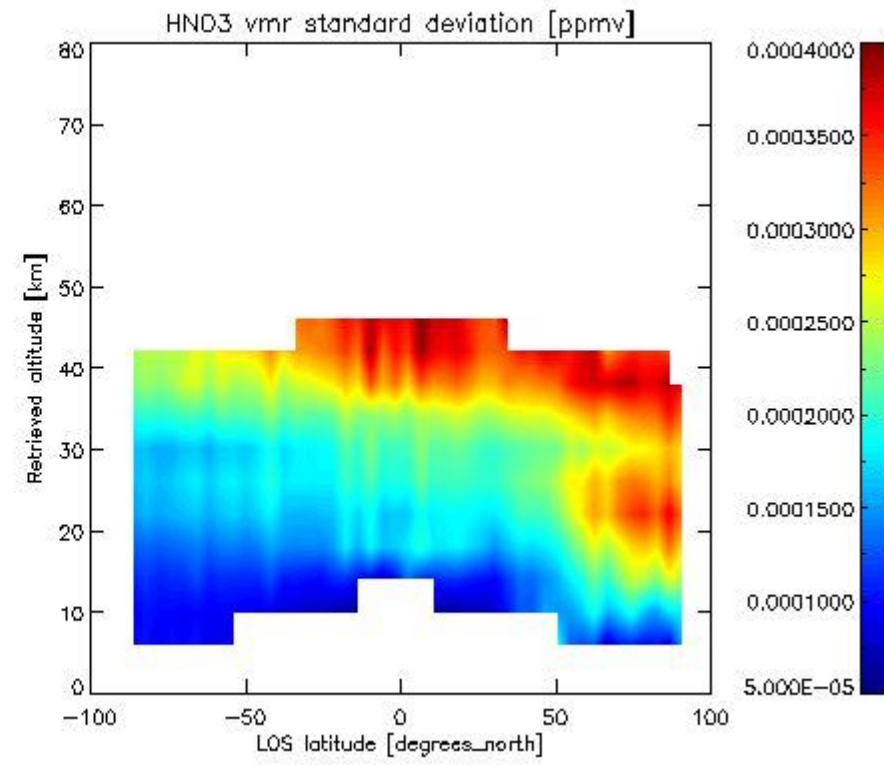
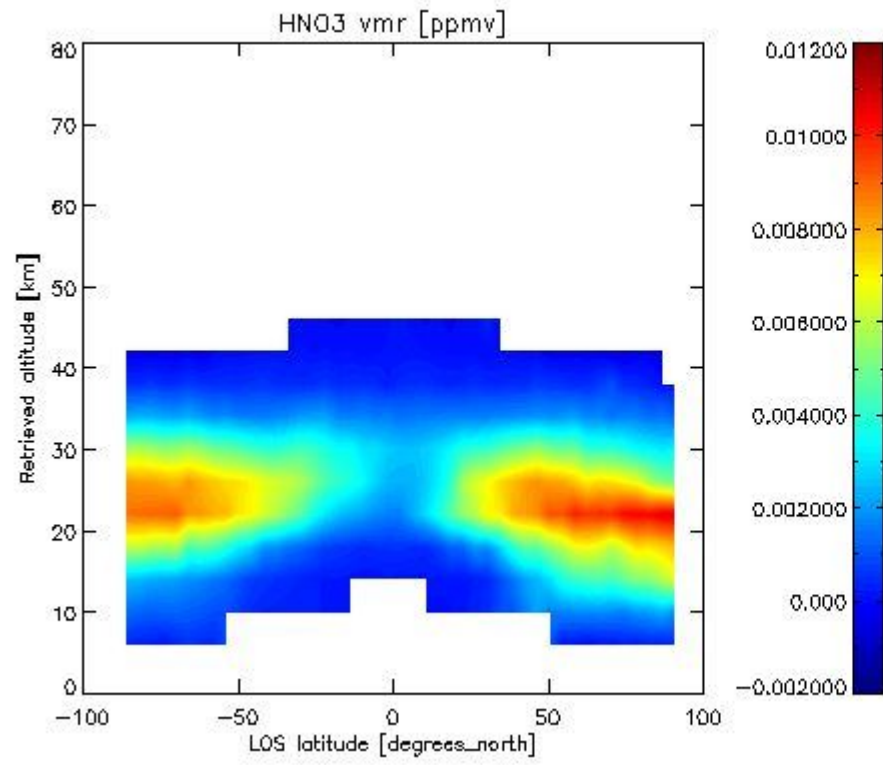
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



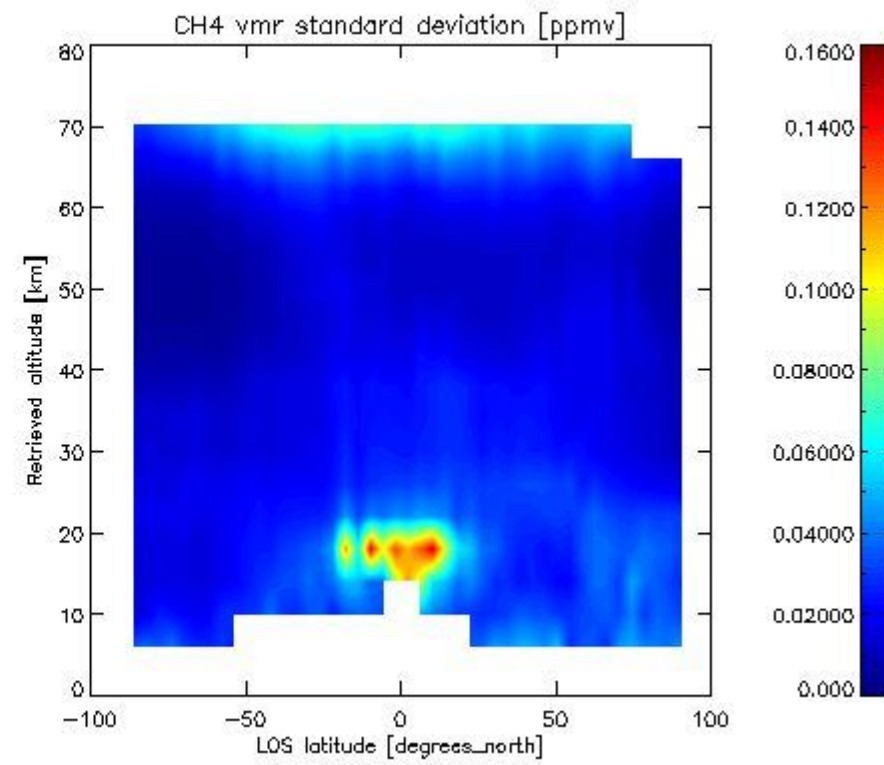
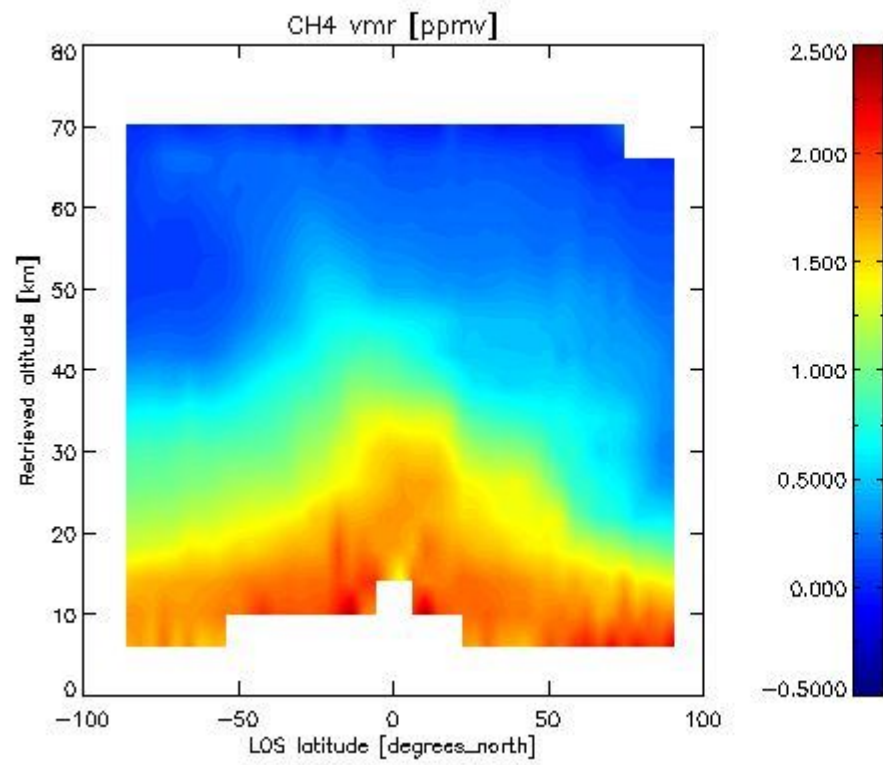
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



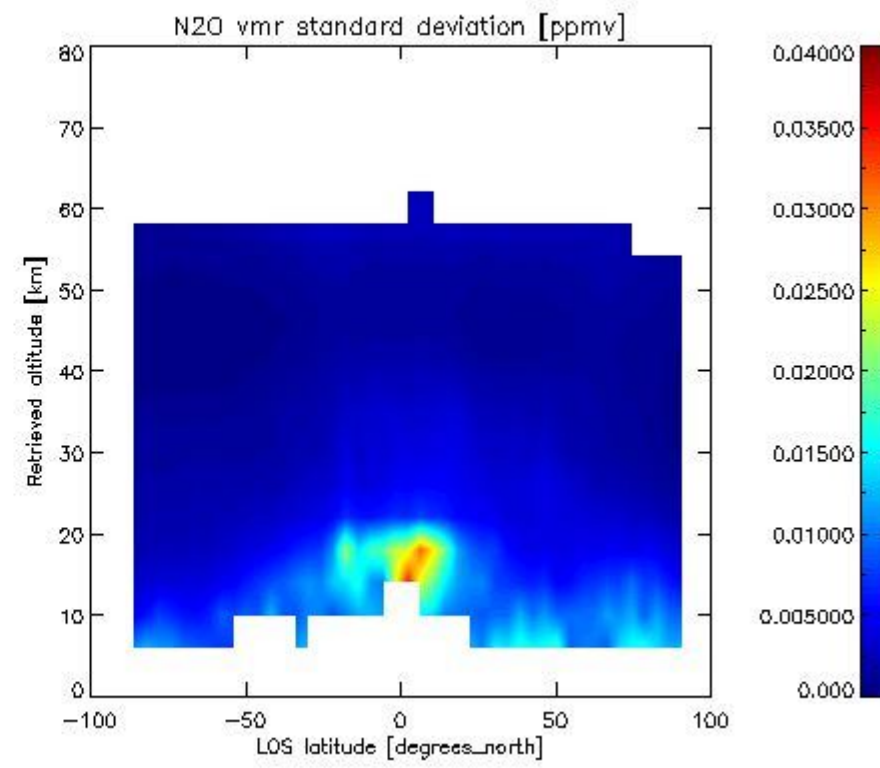
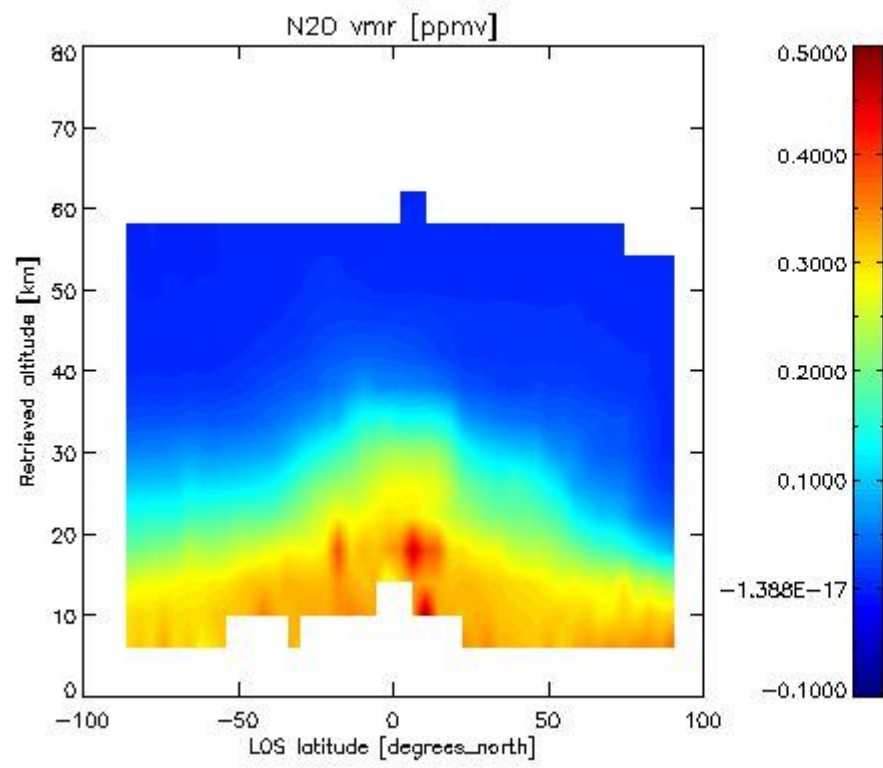
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



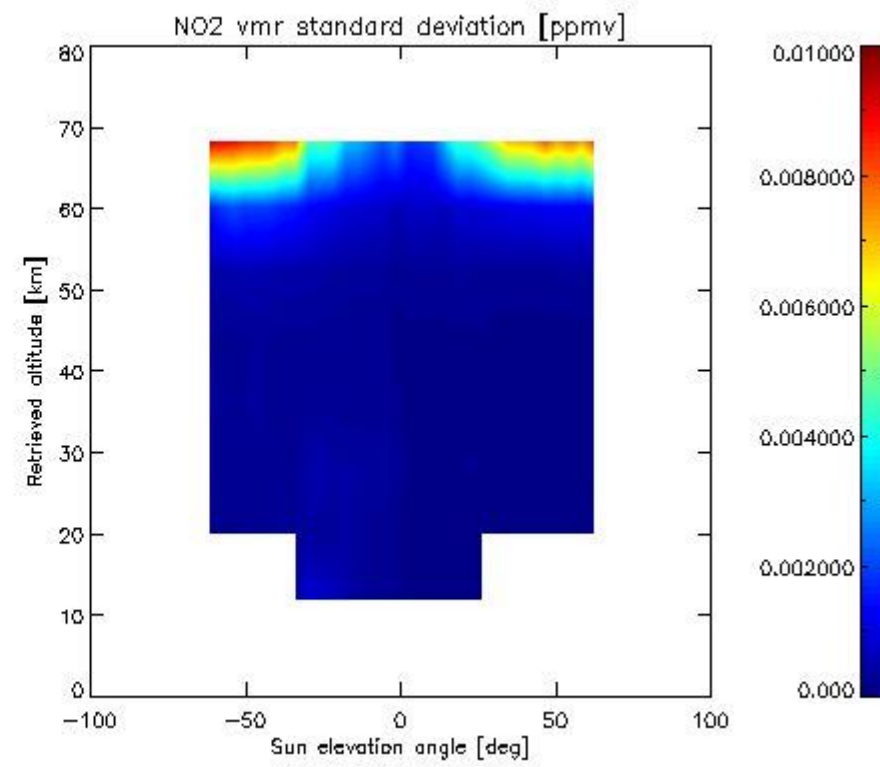
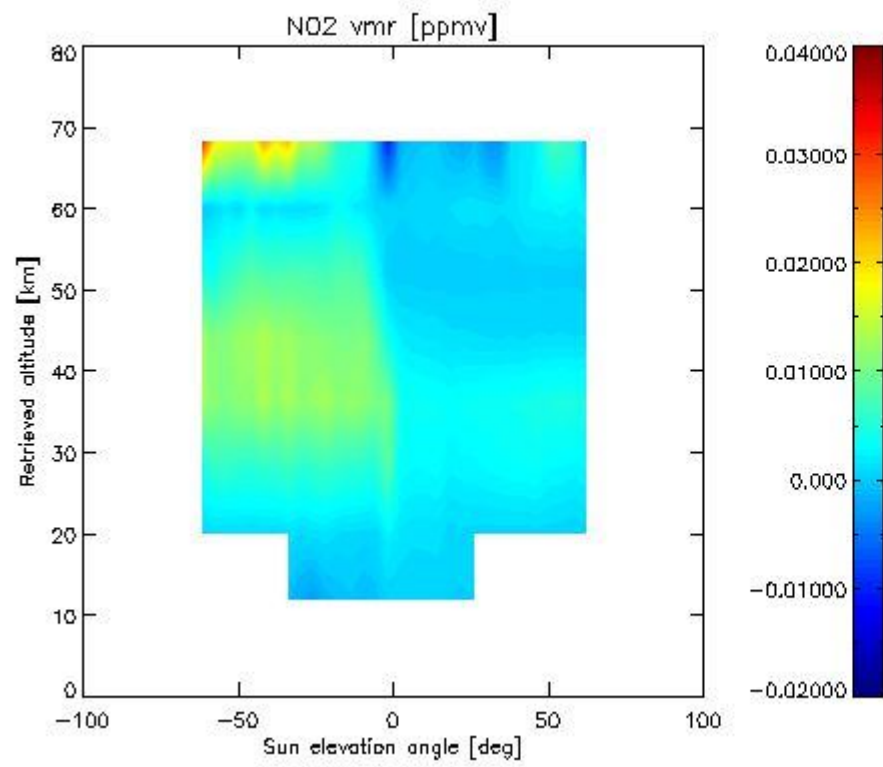
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



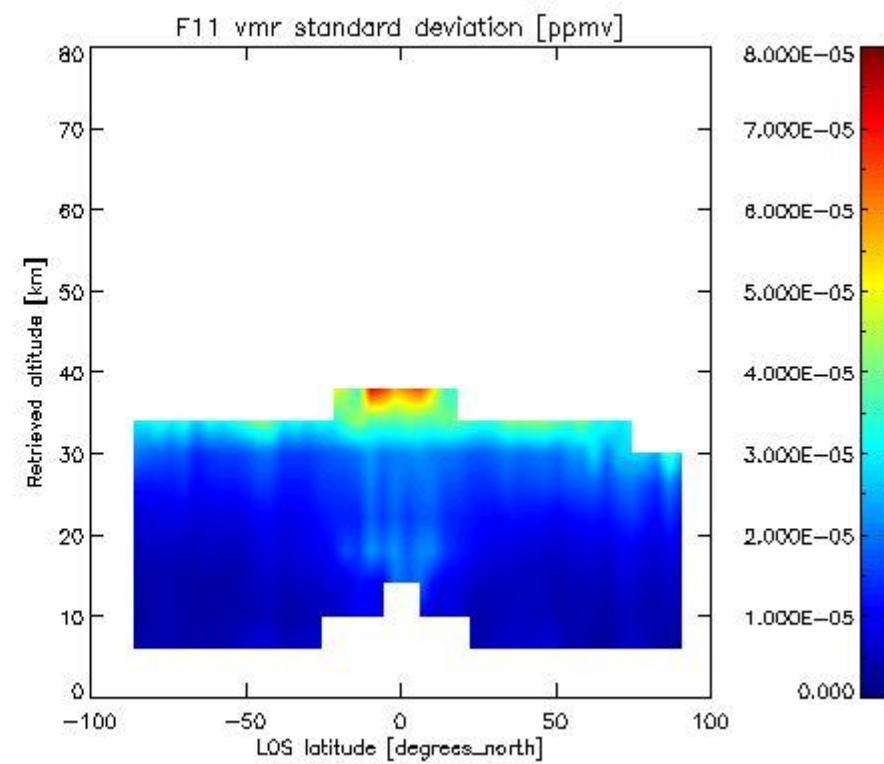
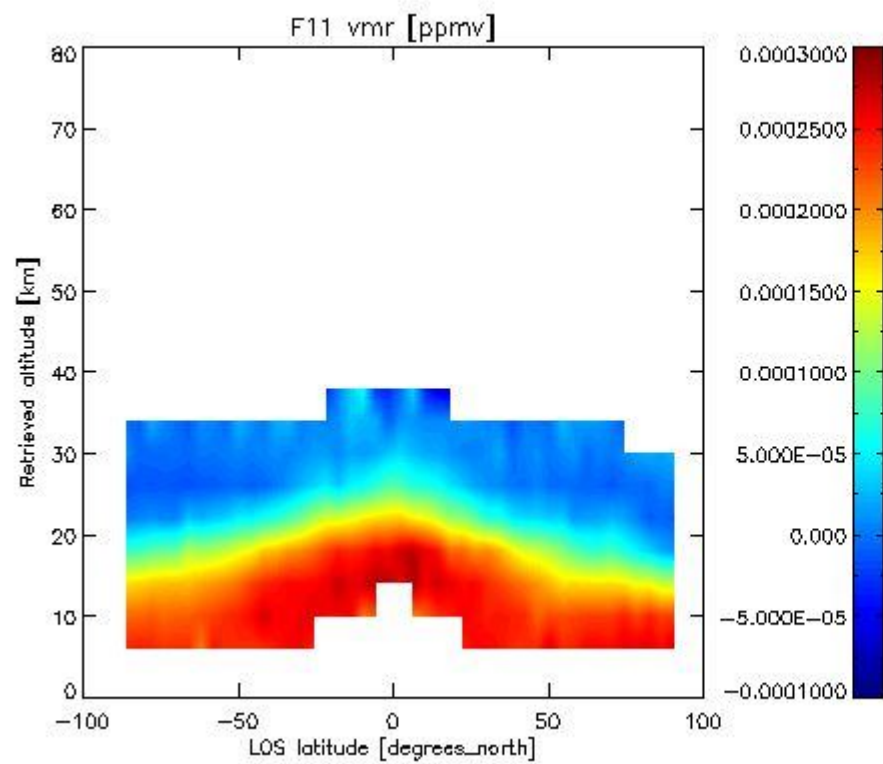
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



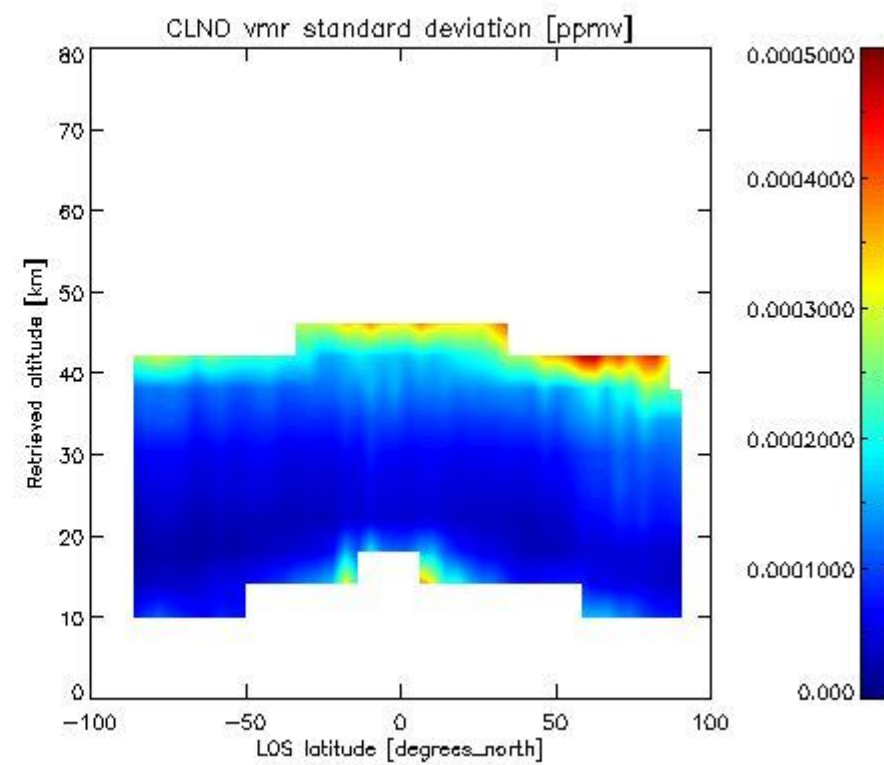
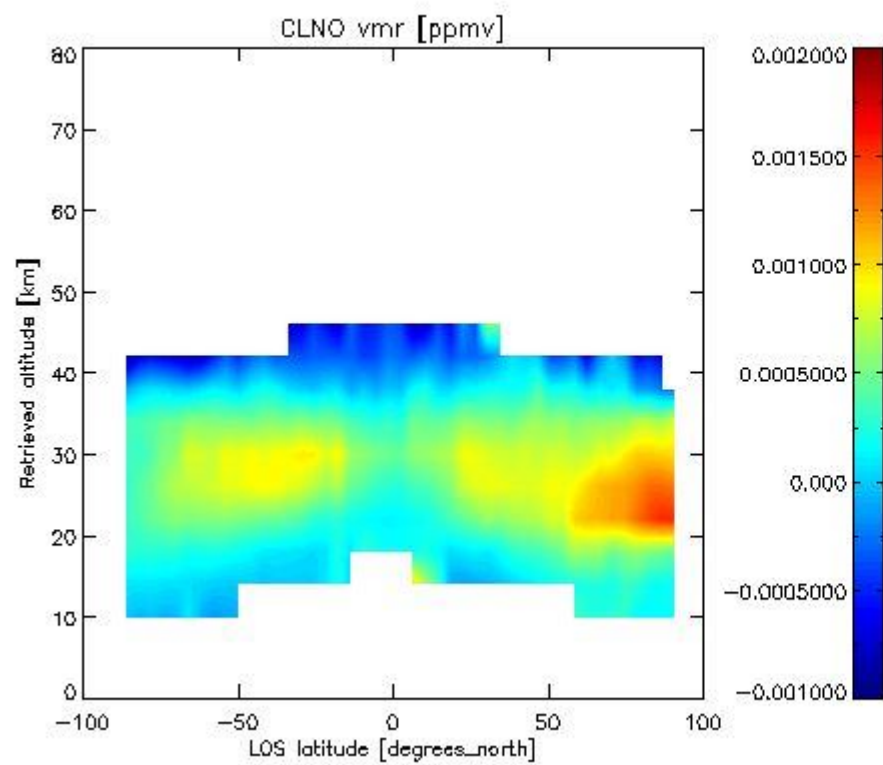
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.

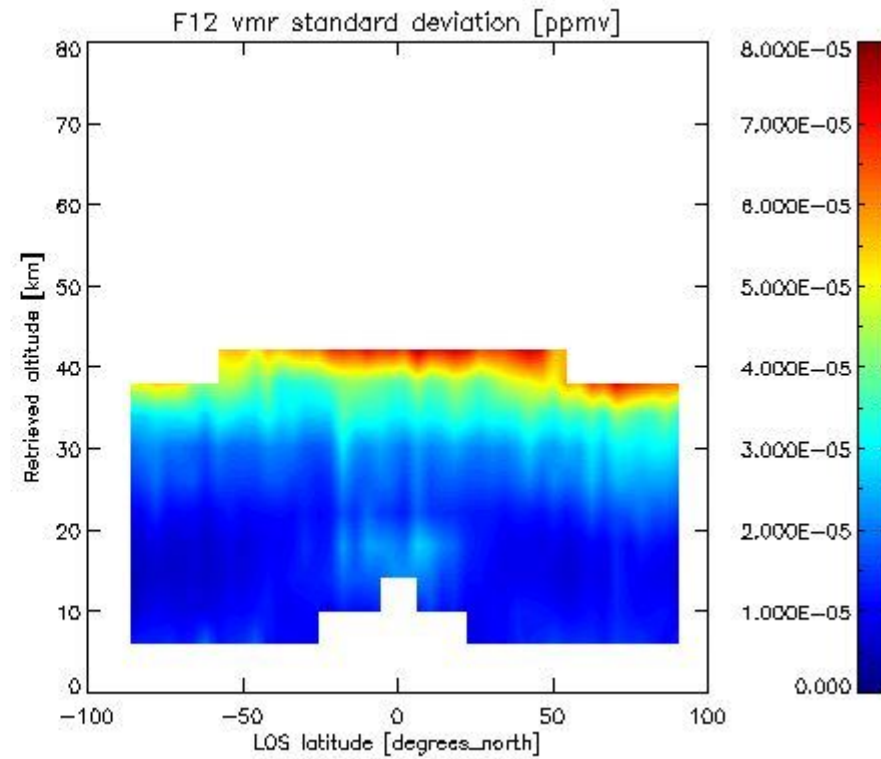
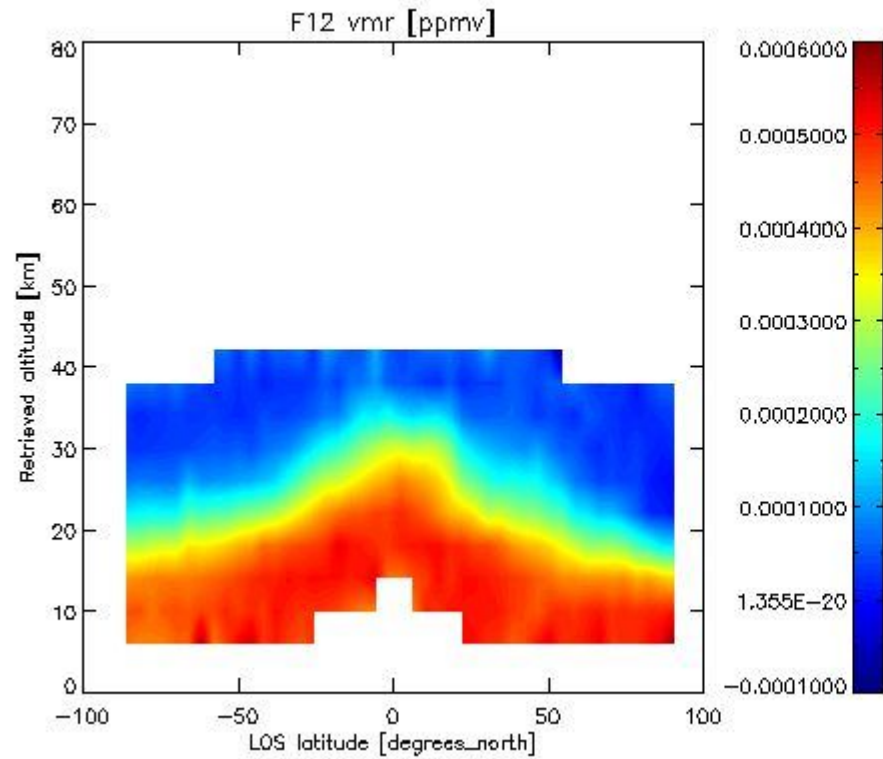
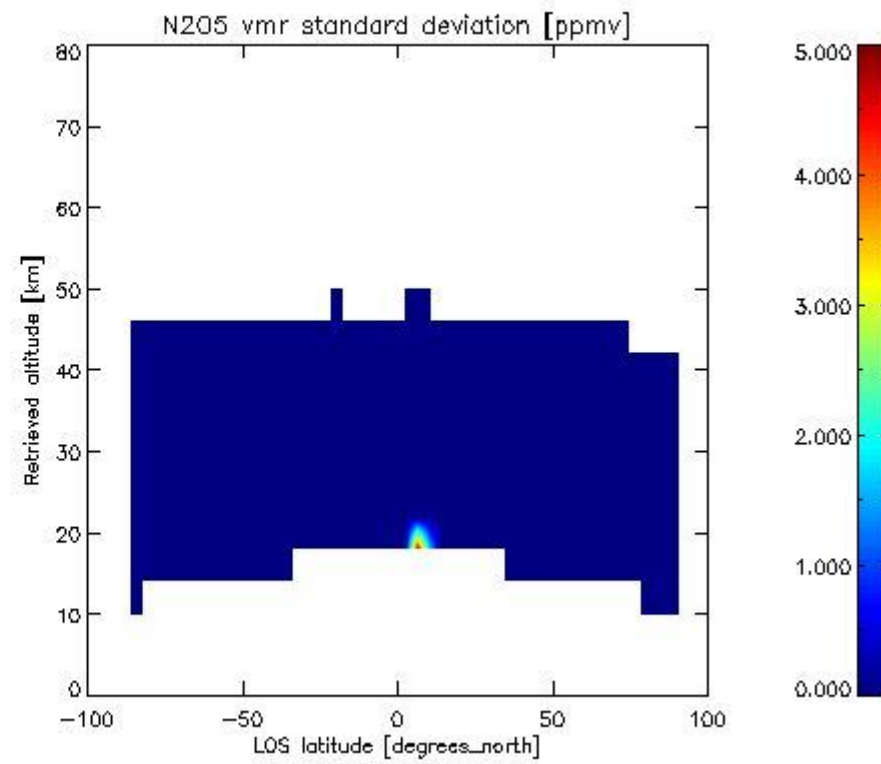
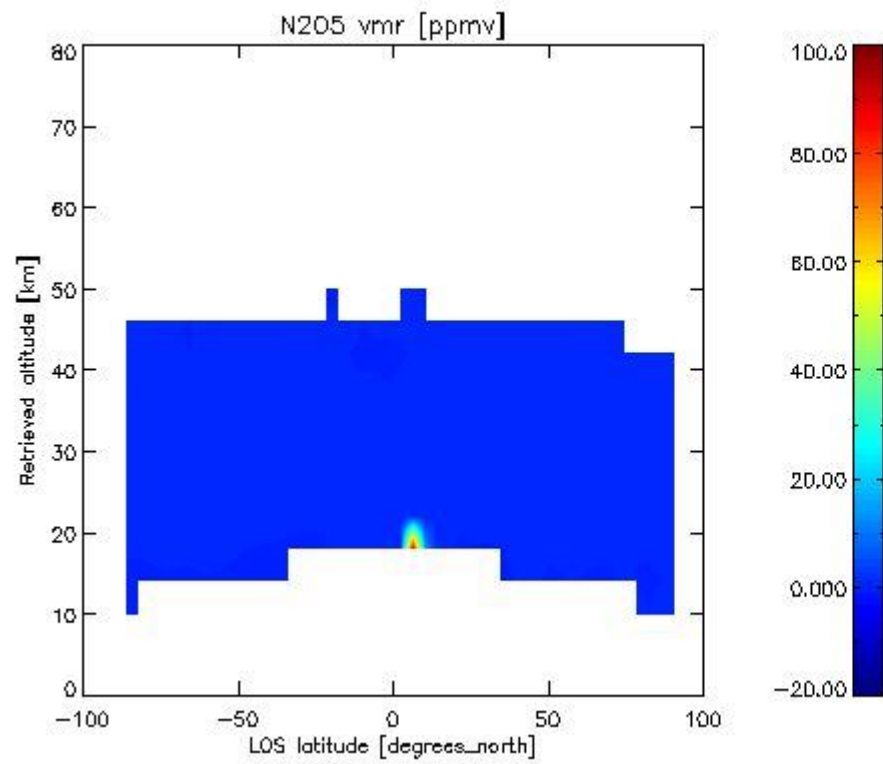


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

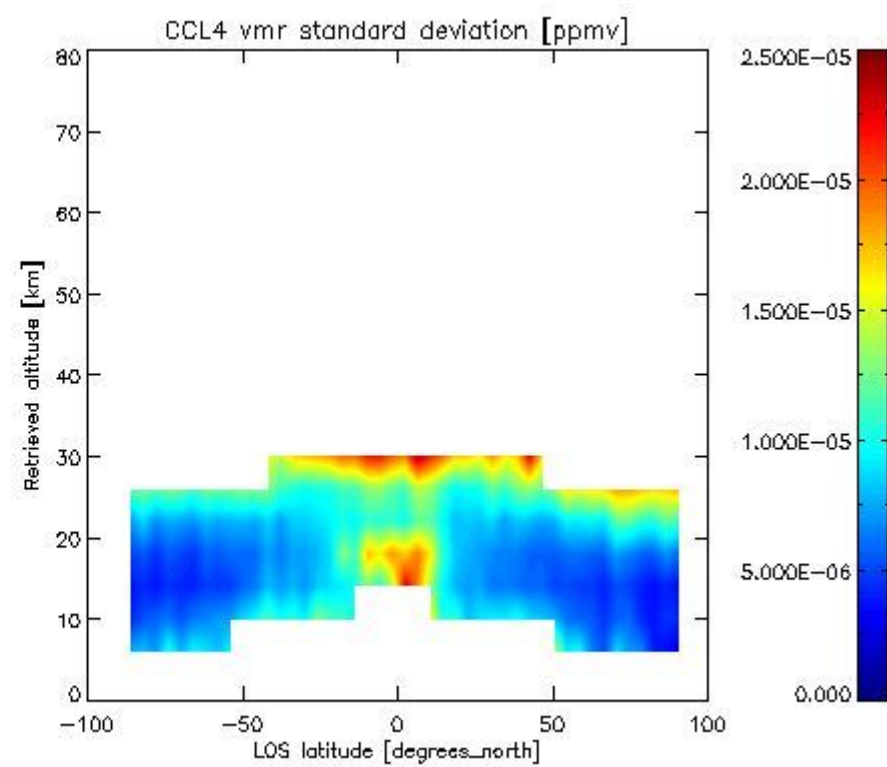
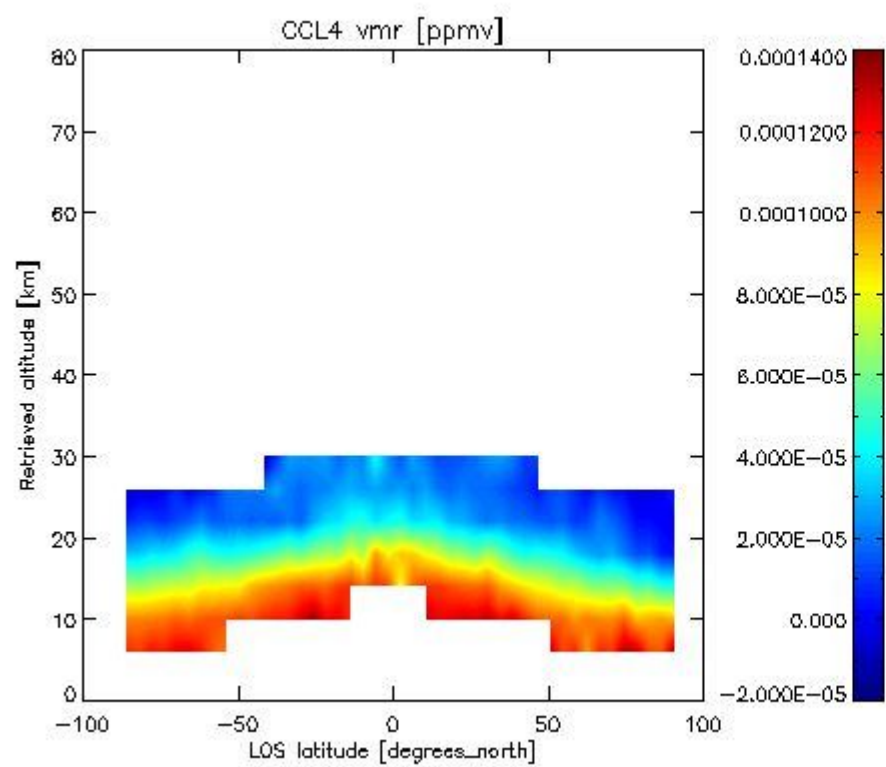
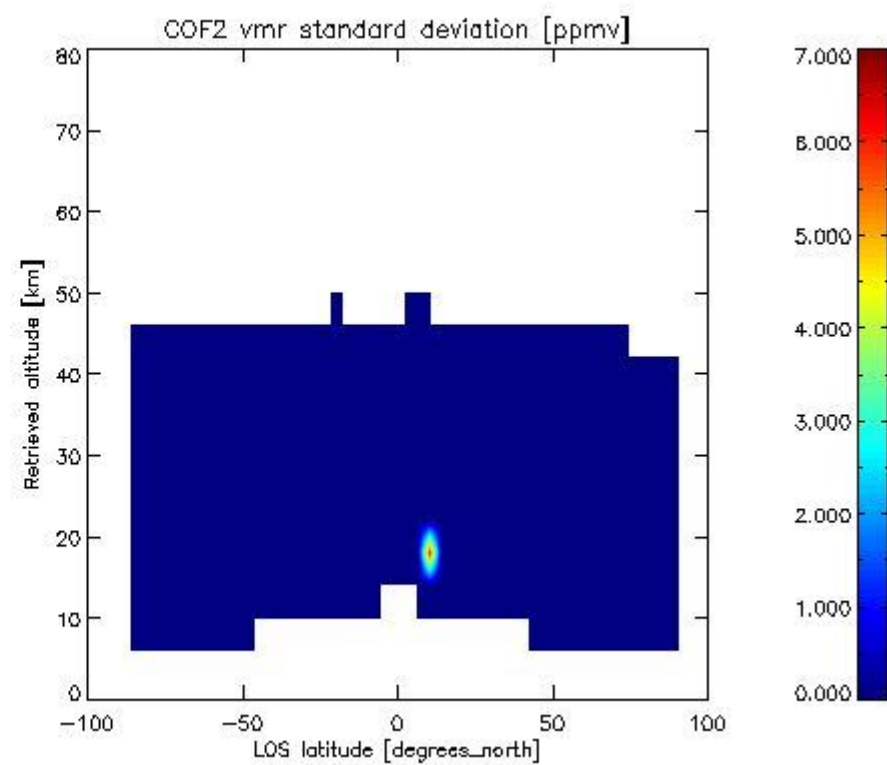
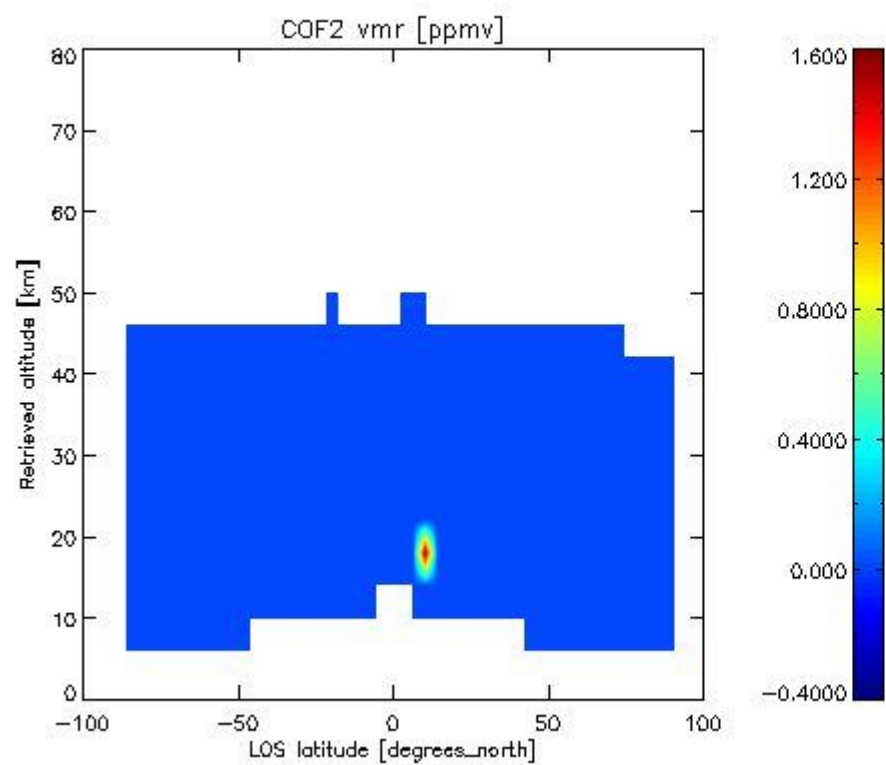


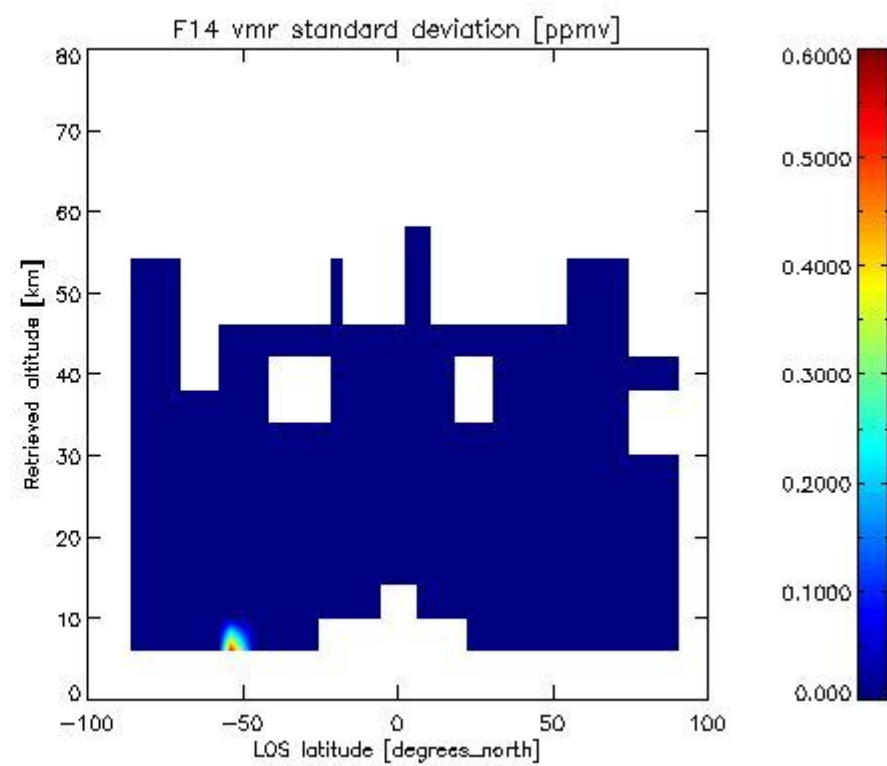
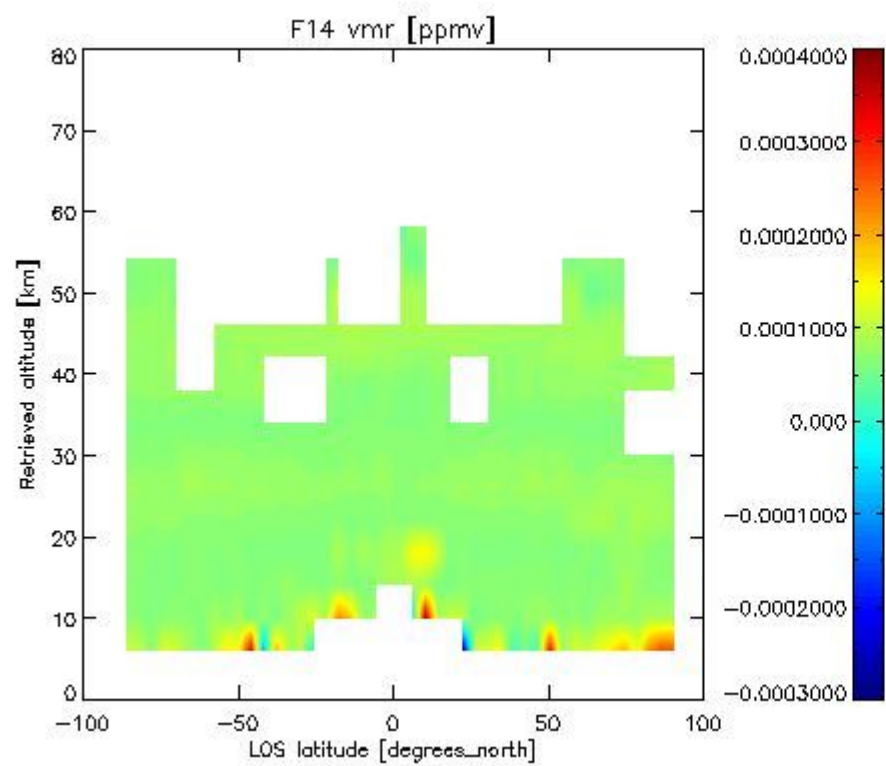
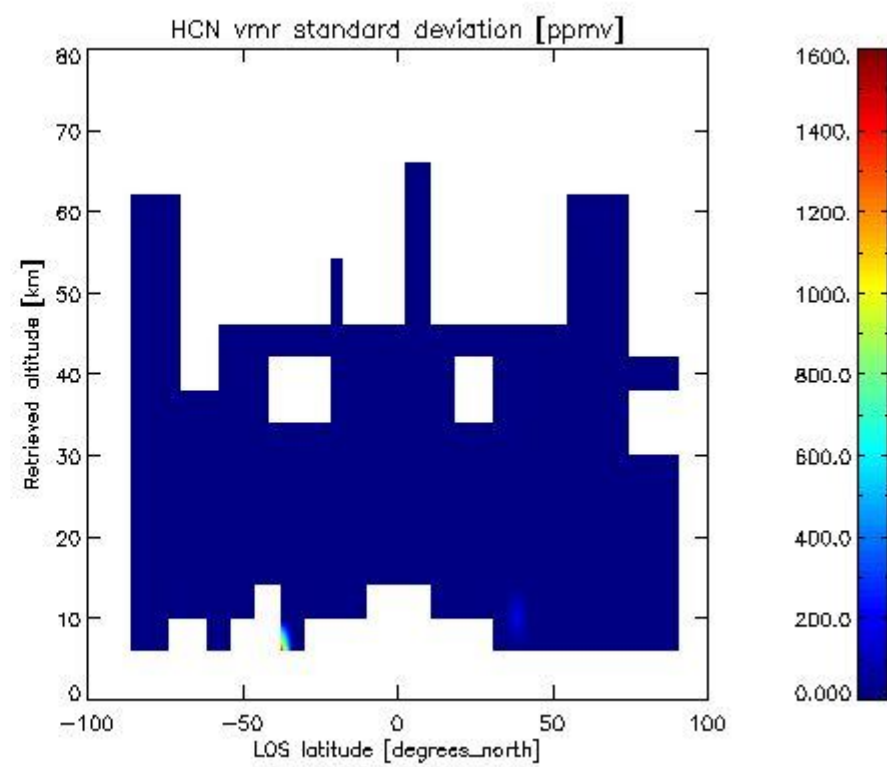
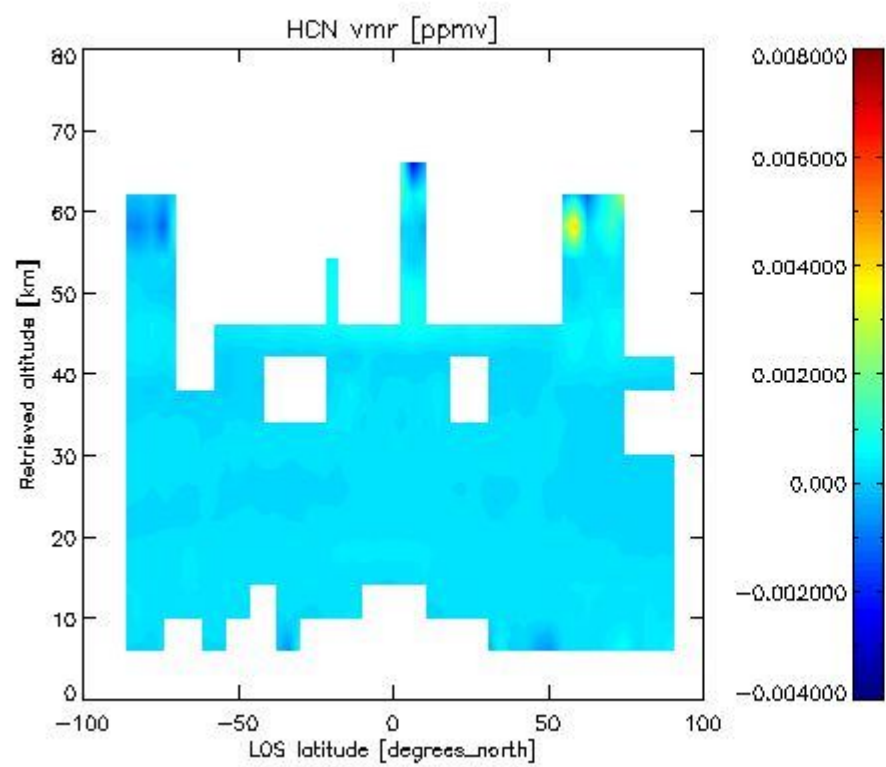
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

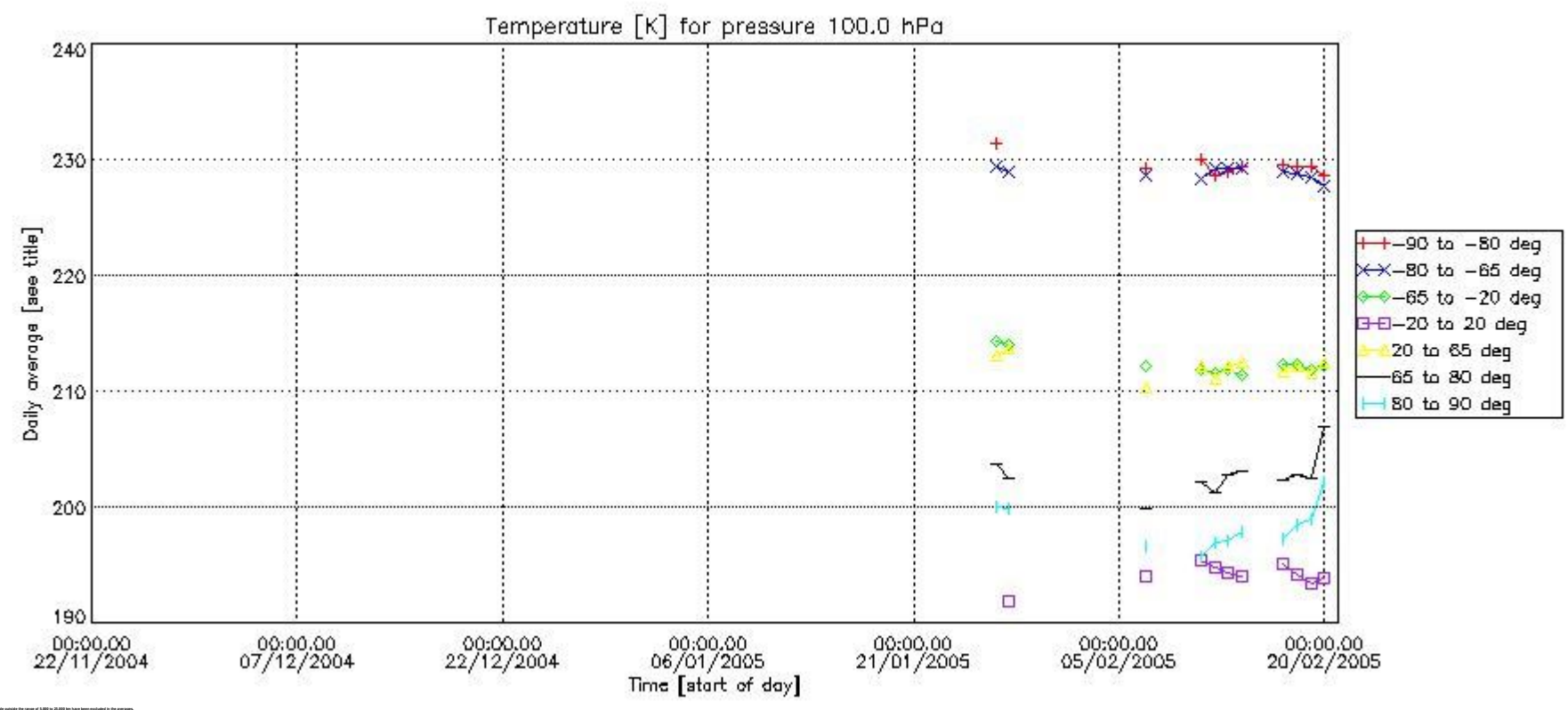
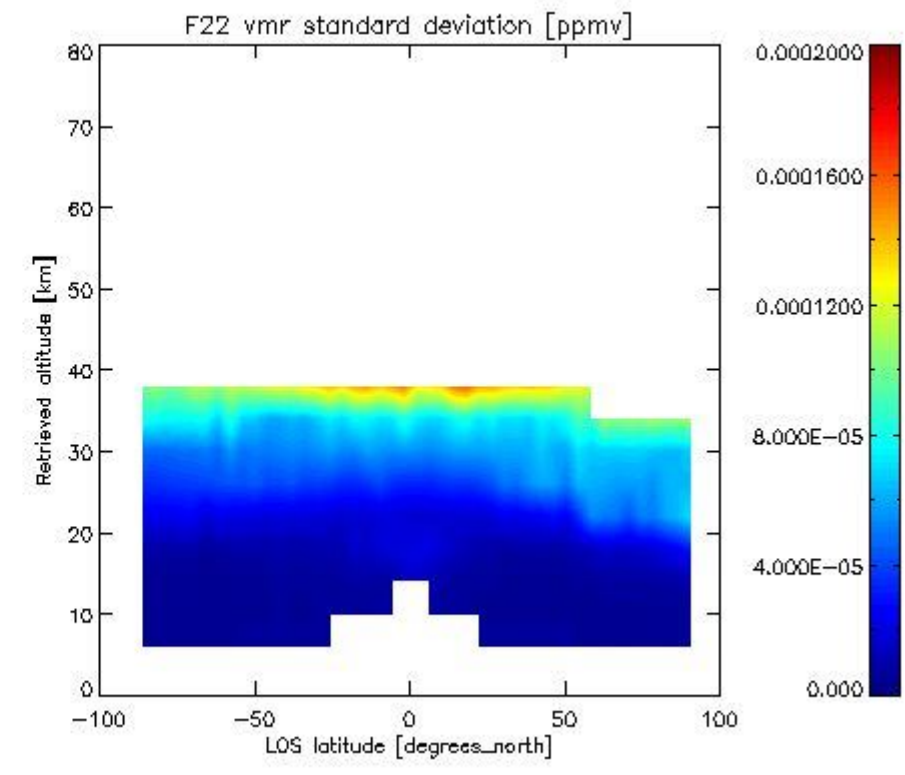
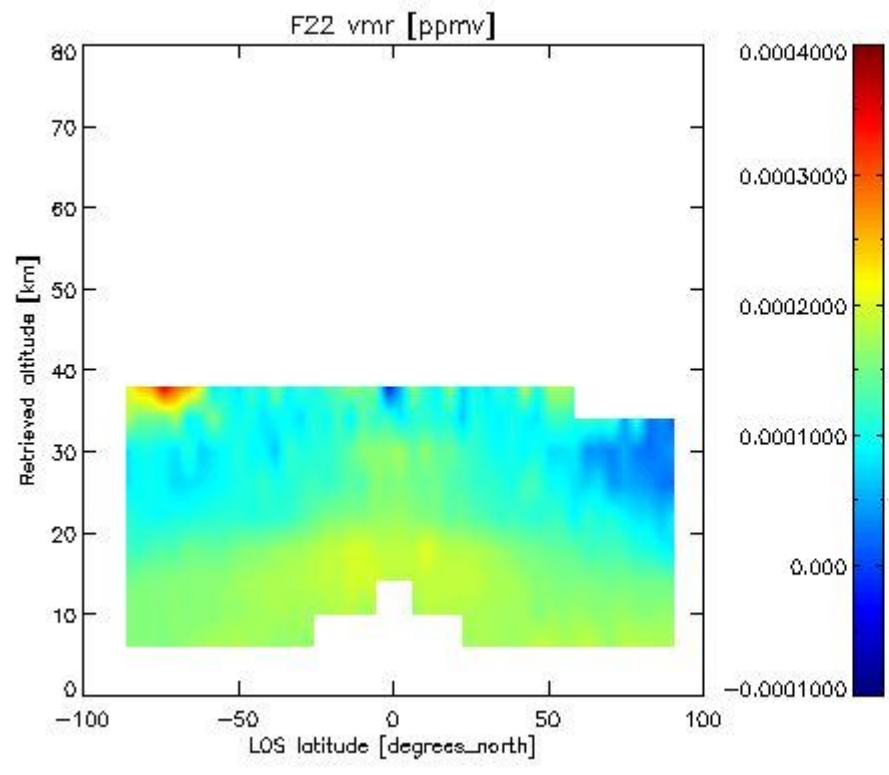


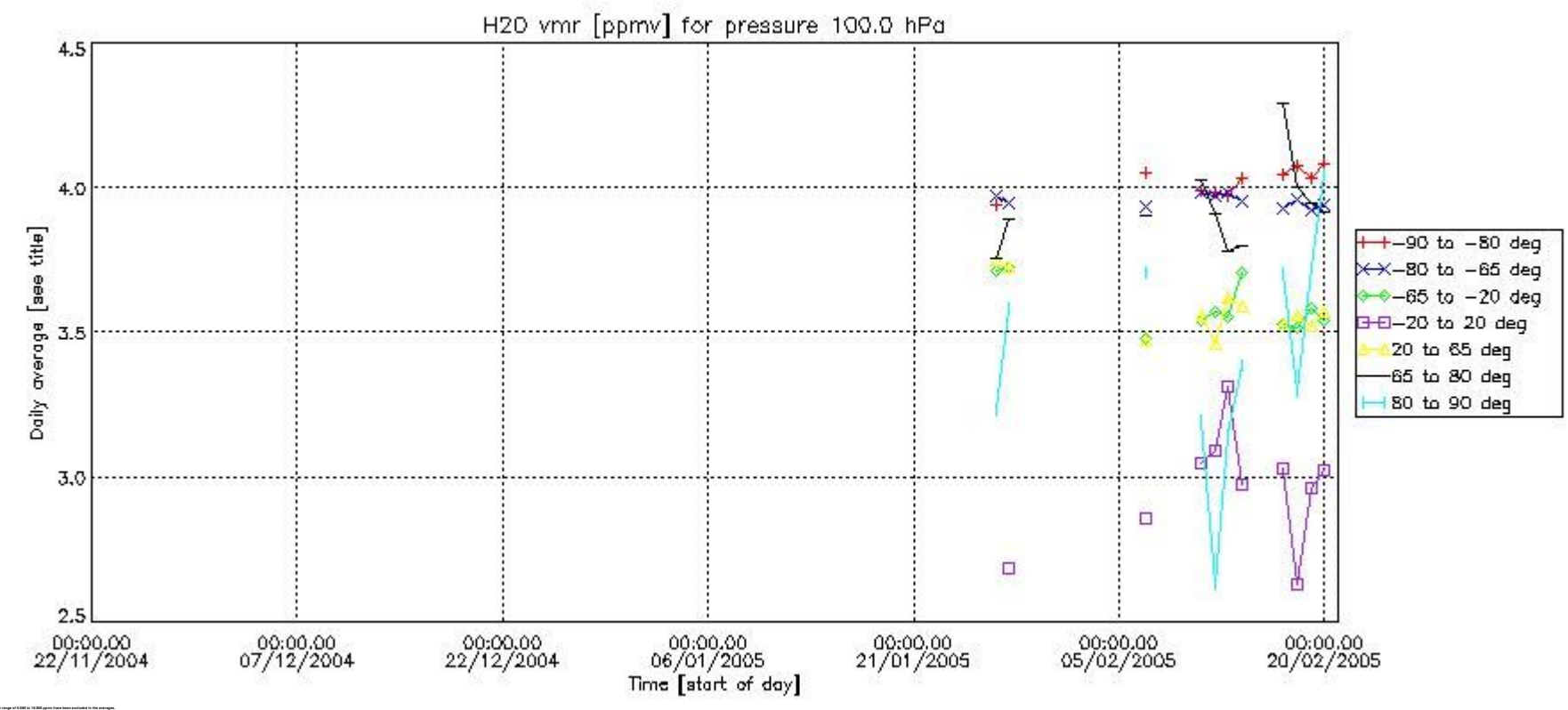
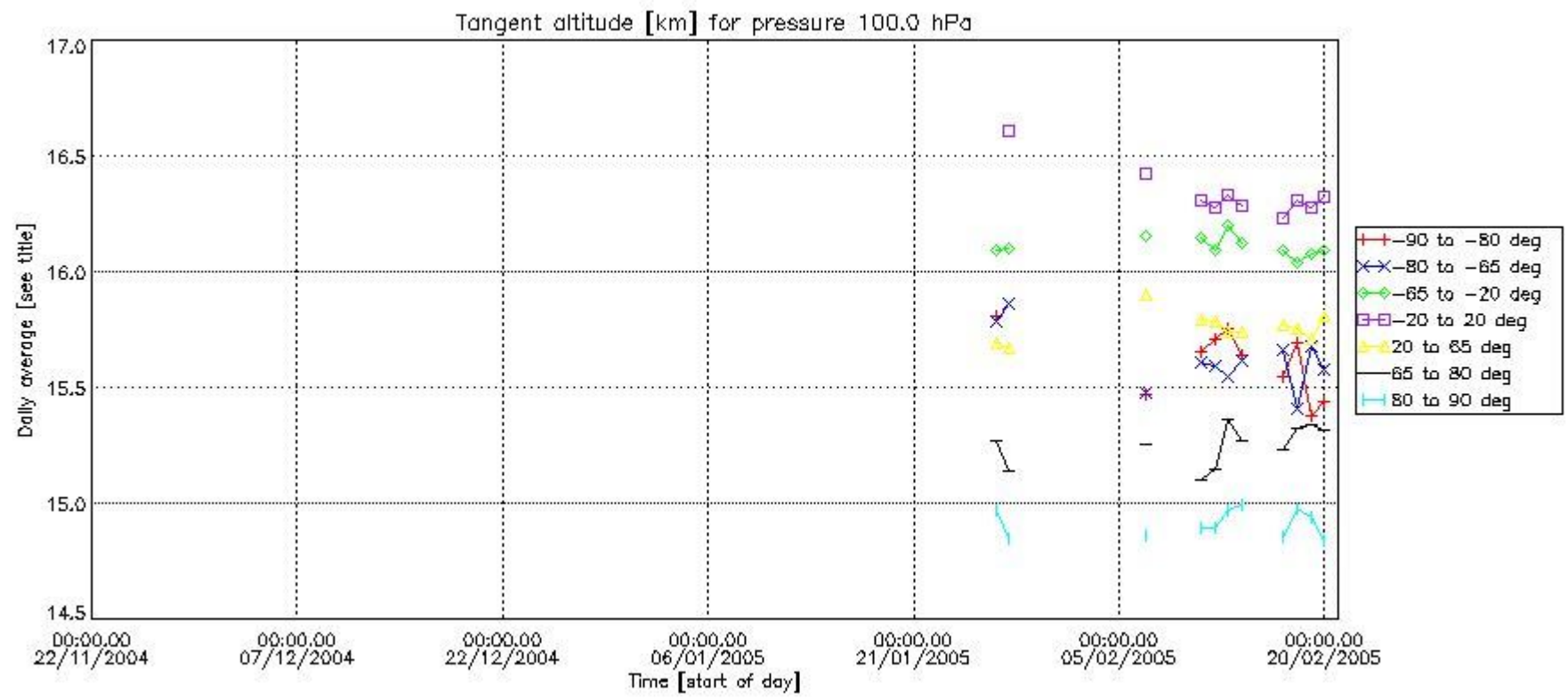


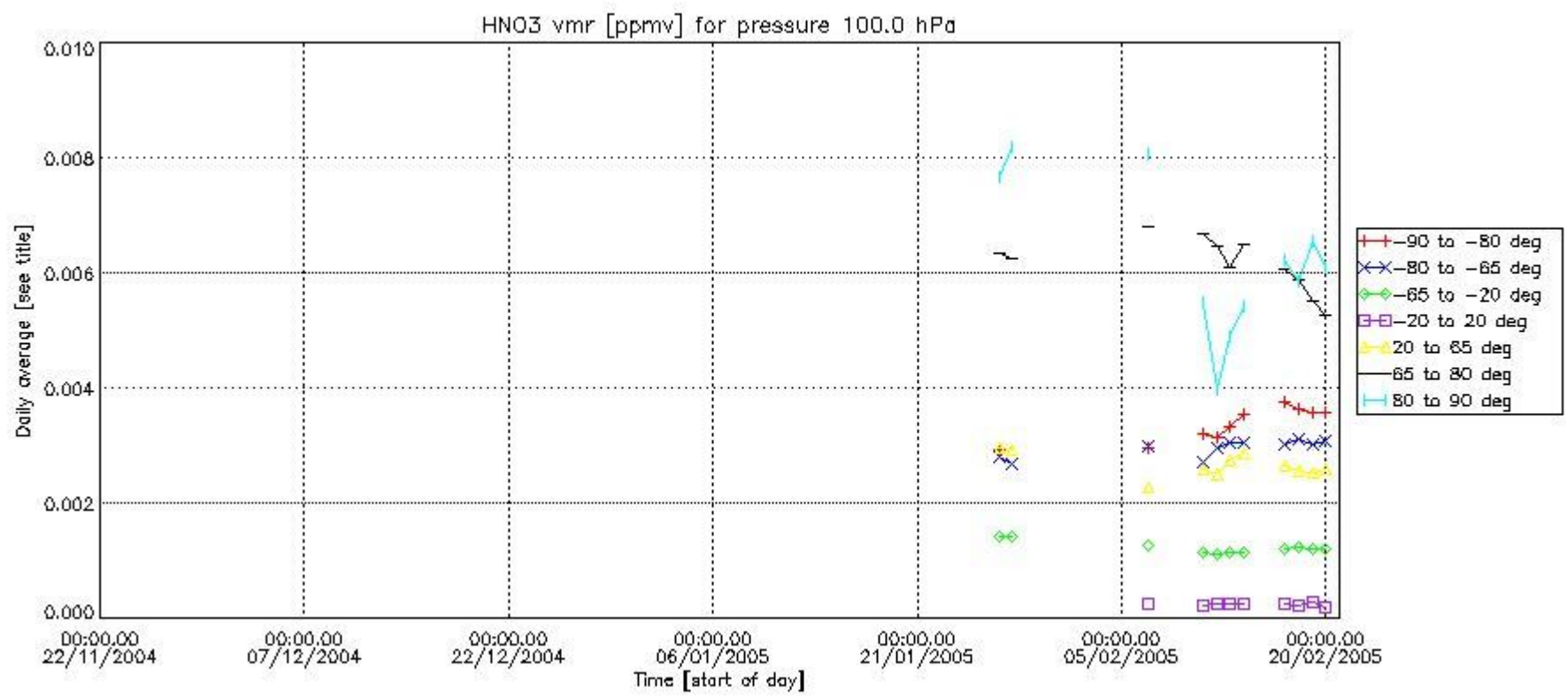
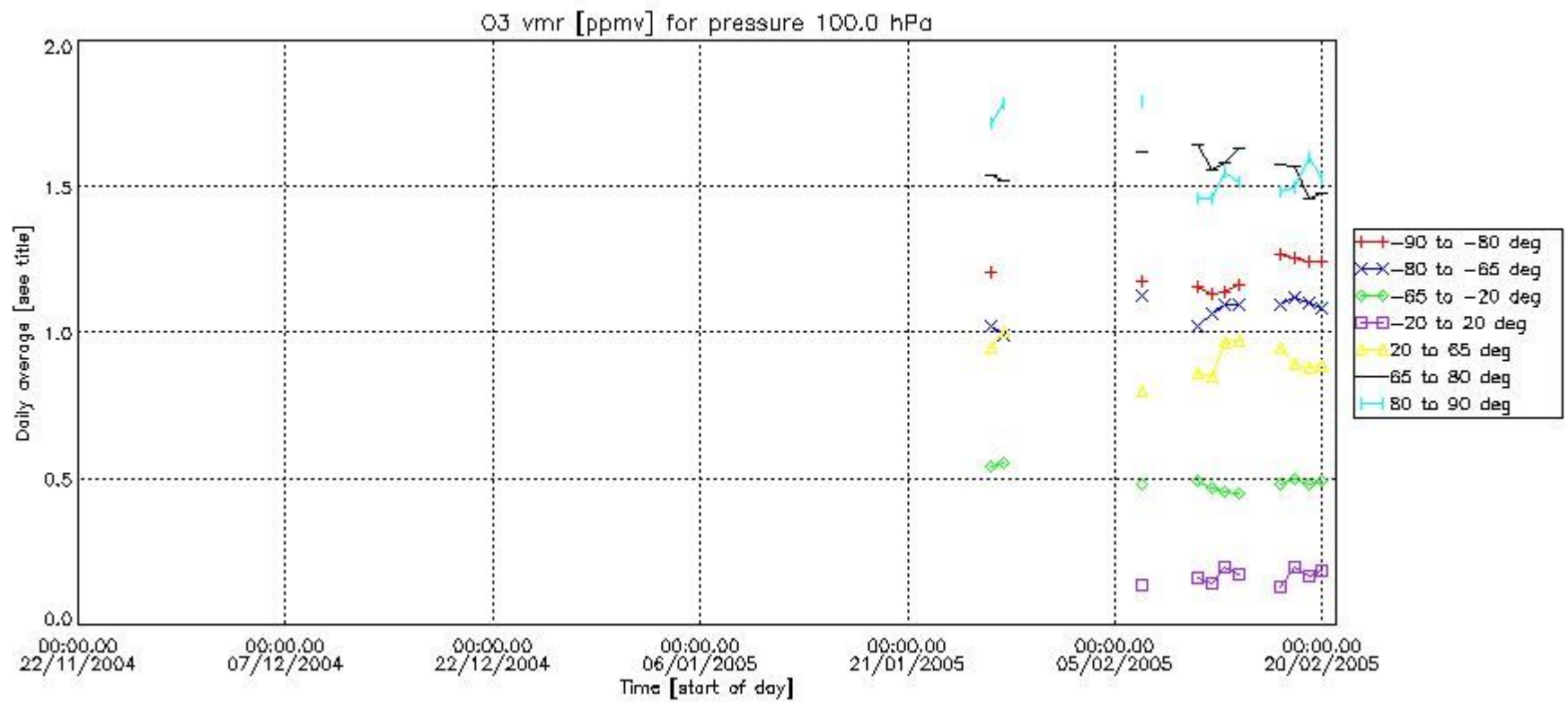


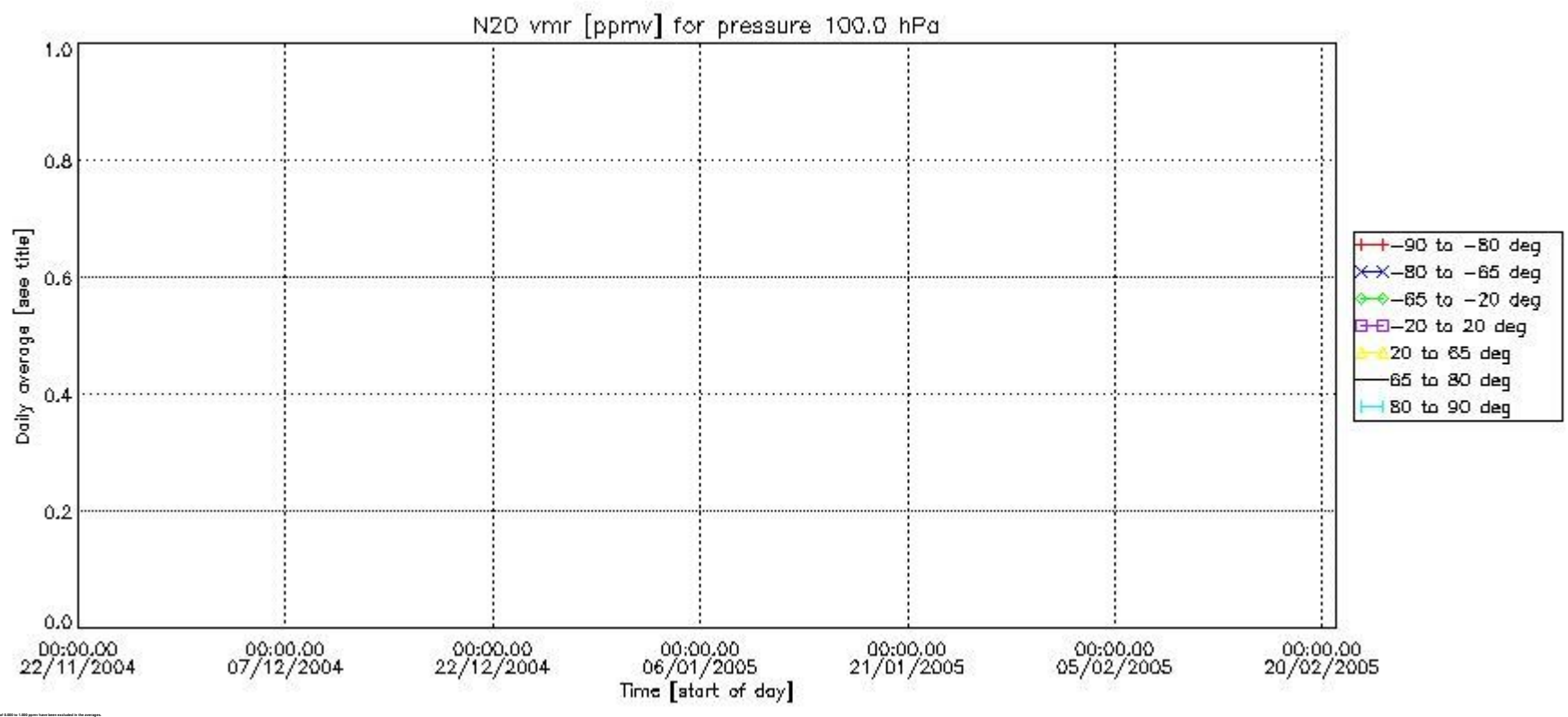
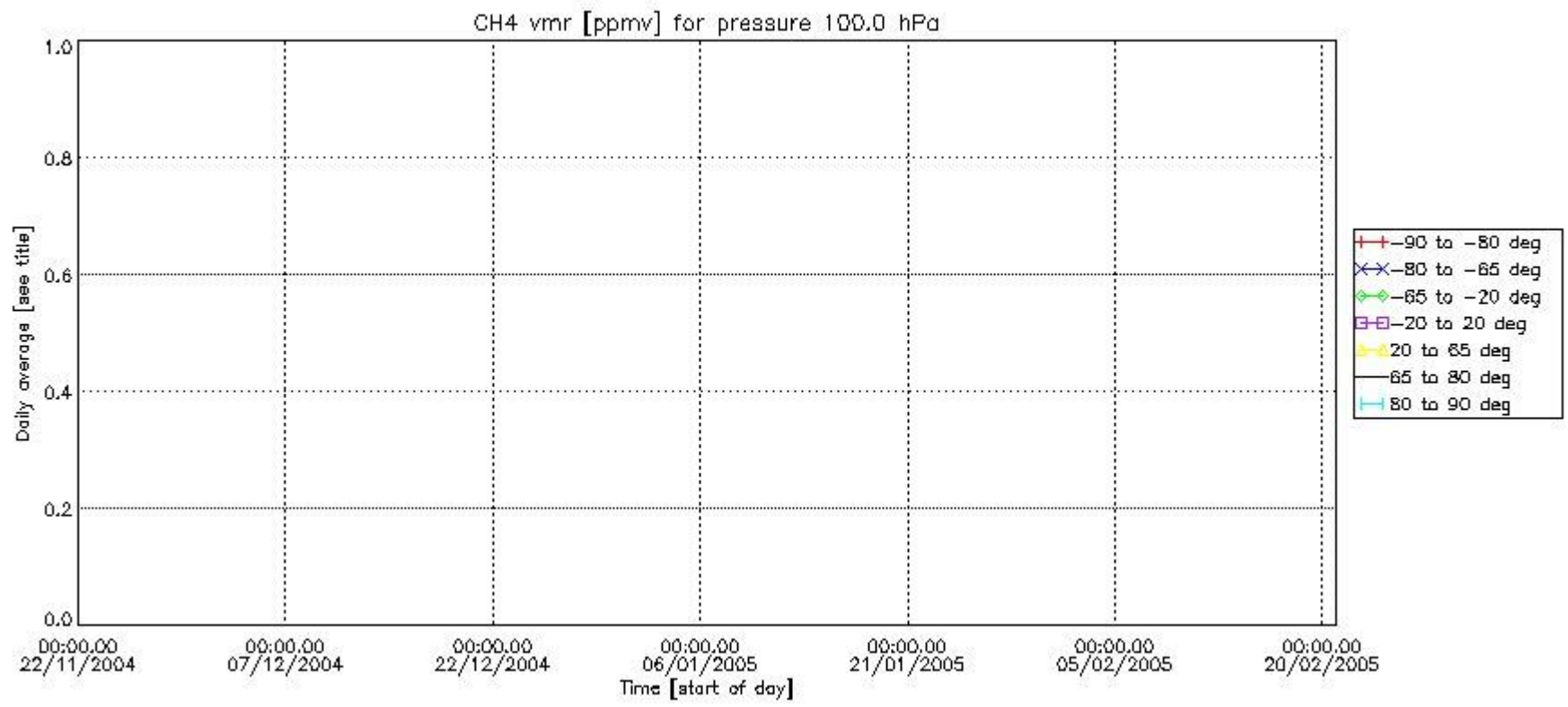


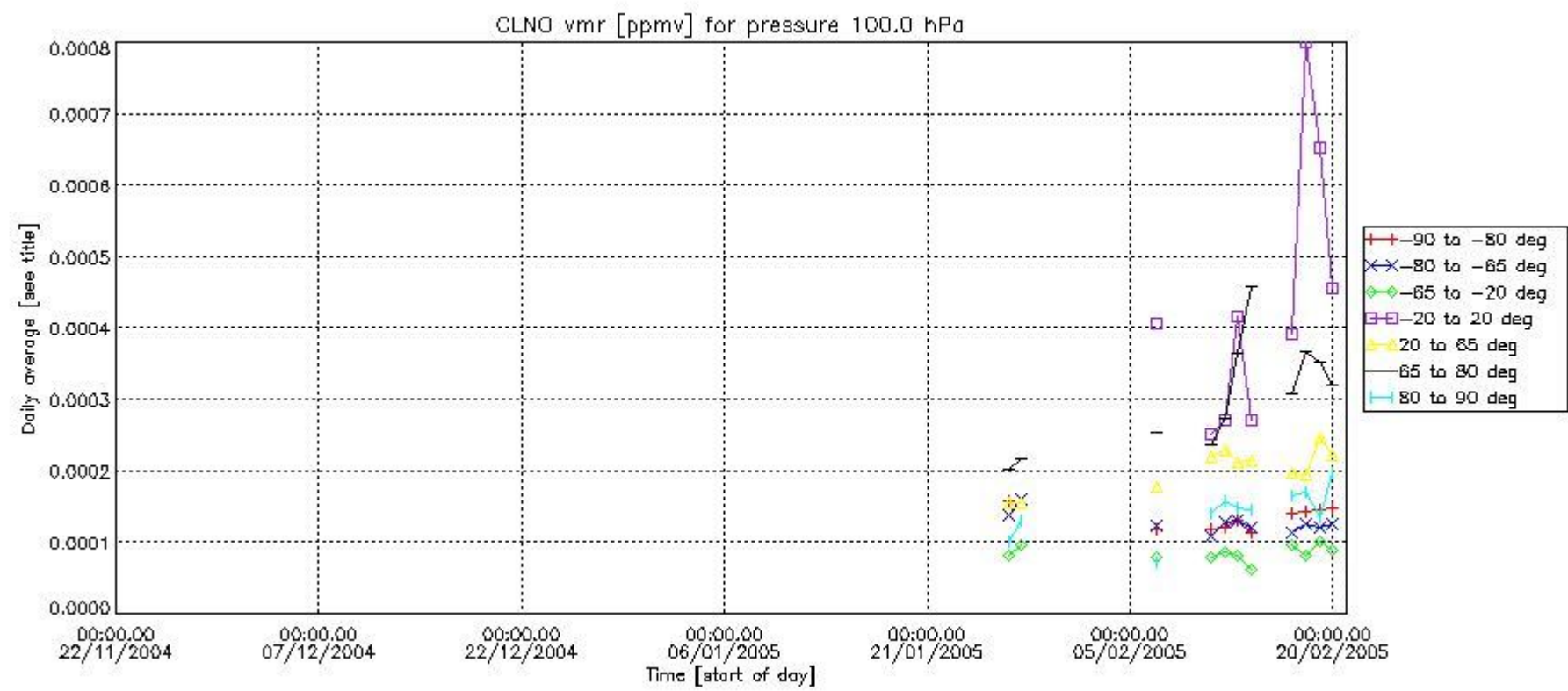
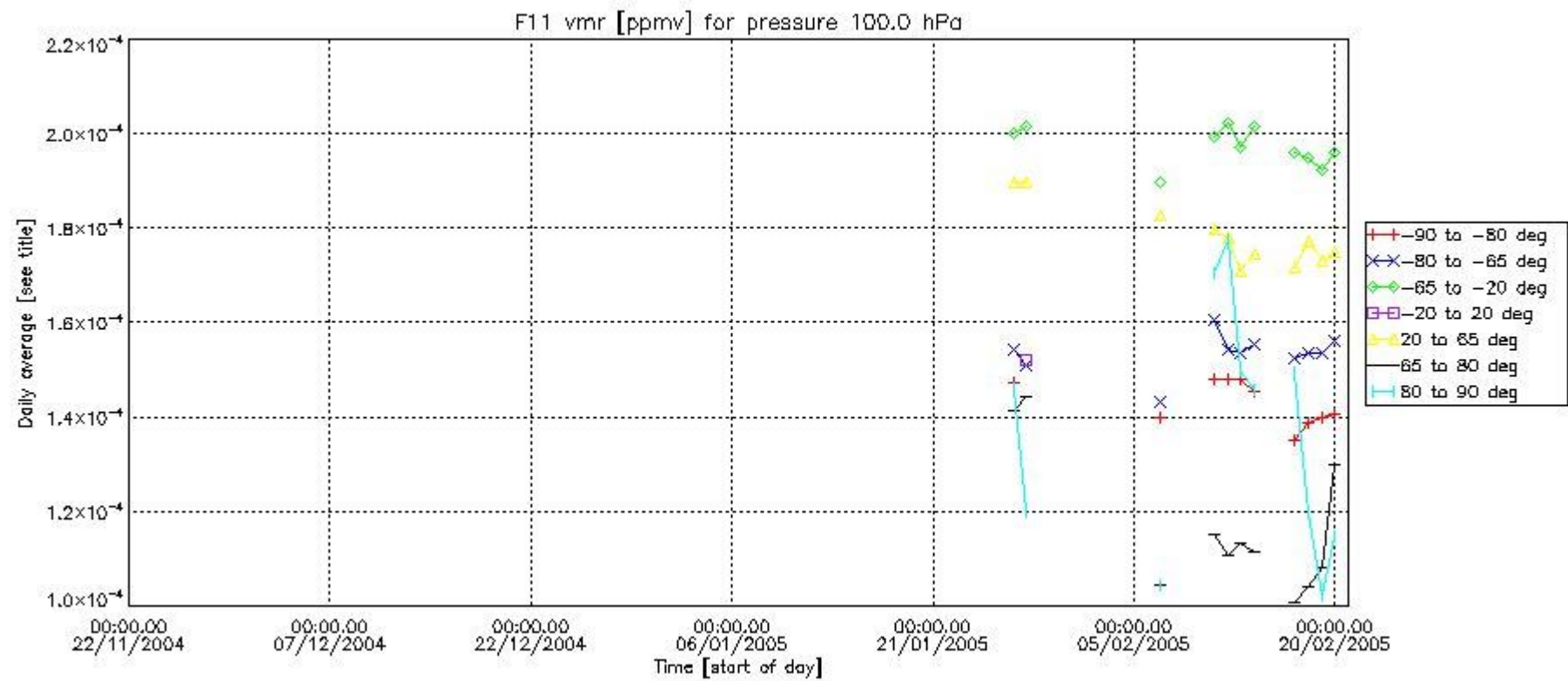


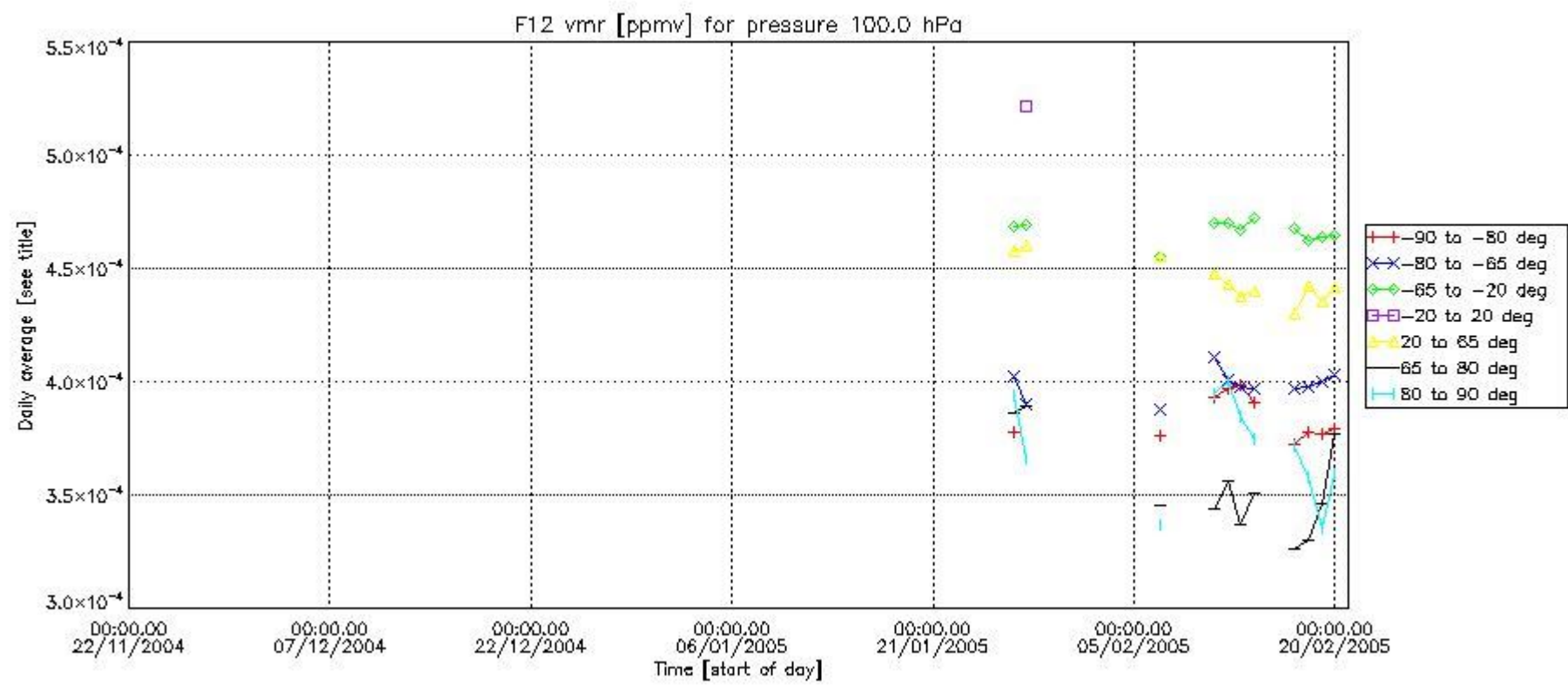
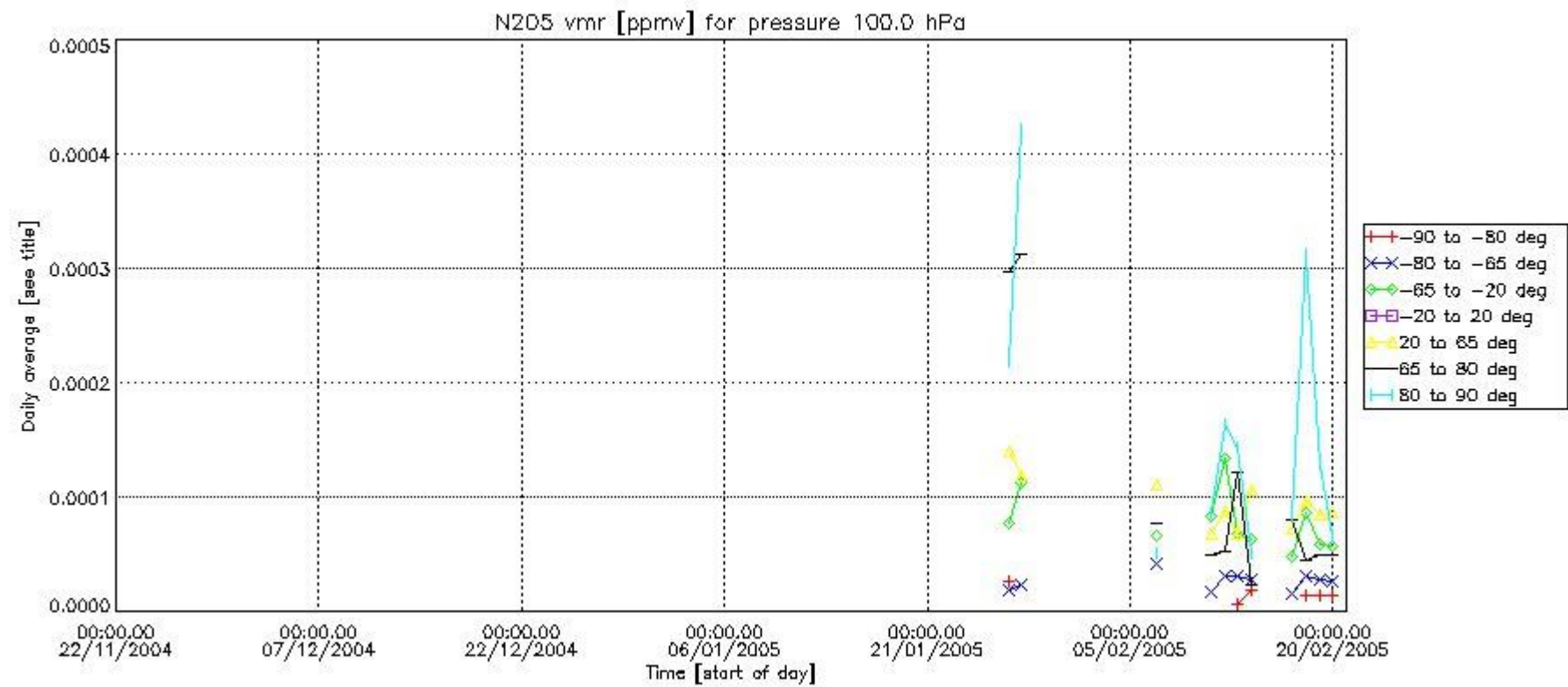




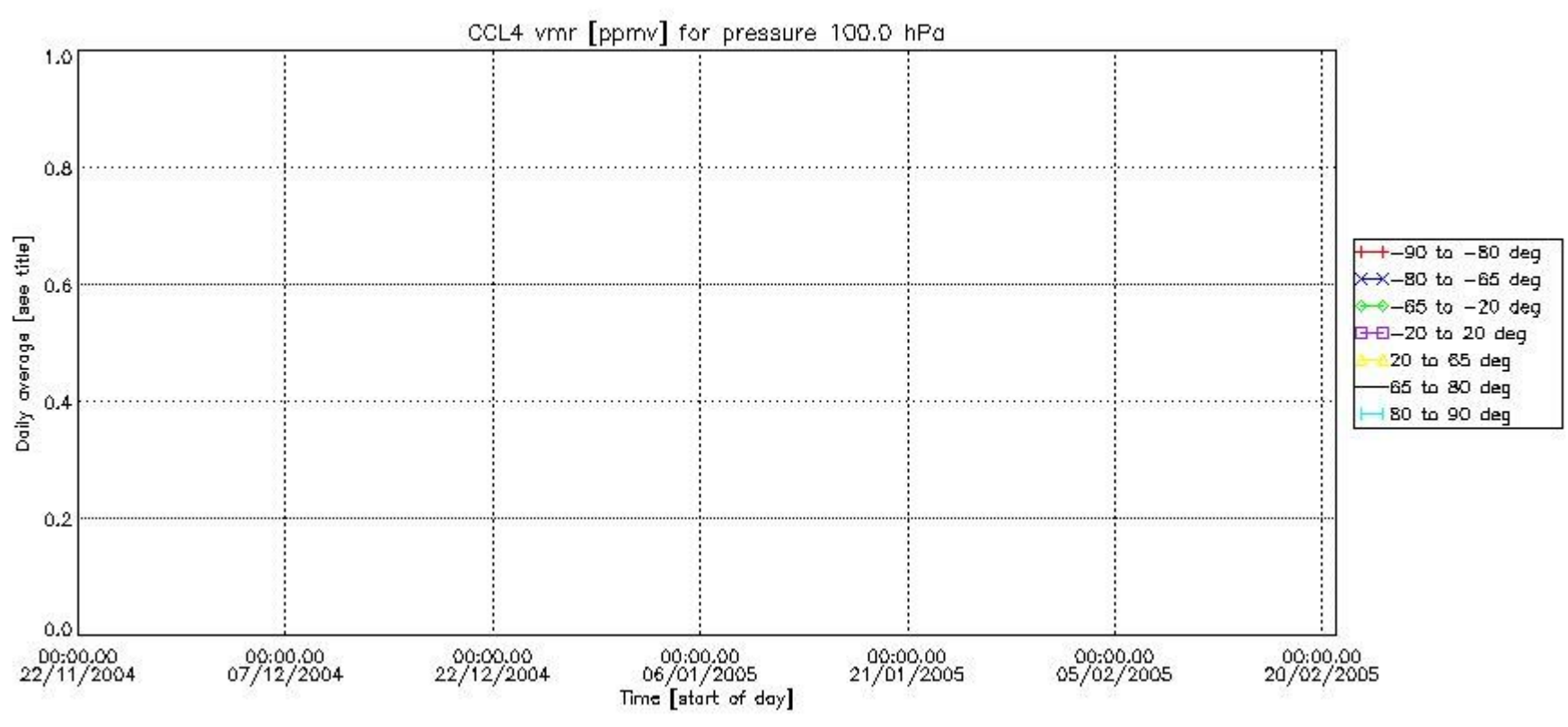
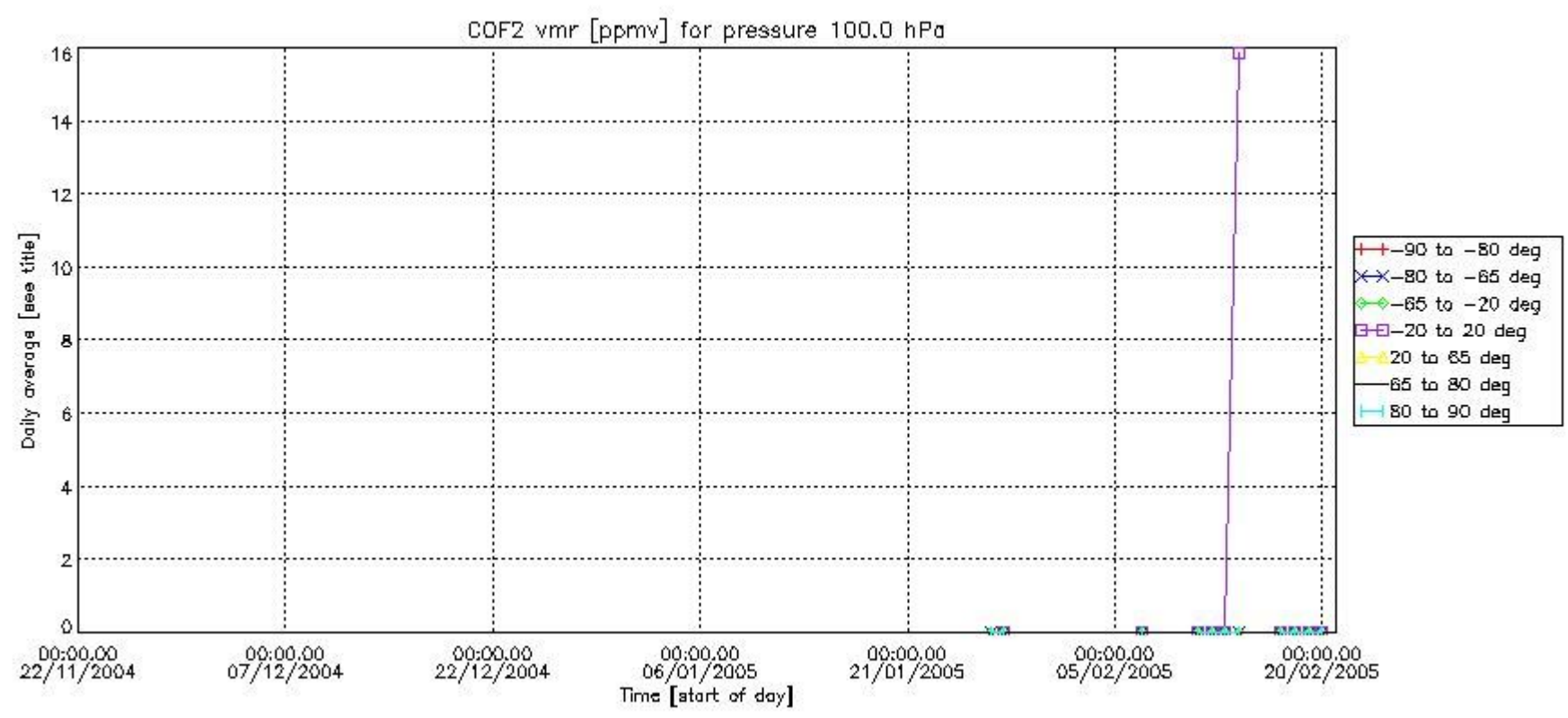


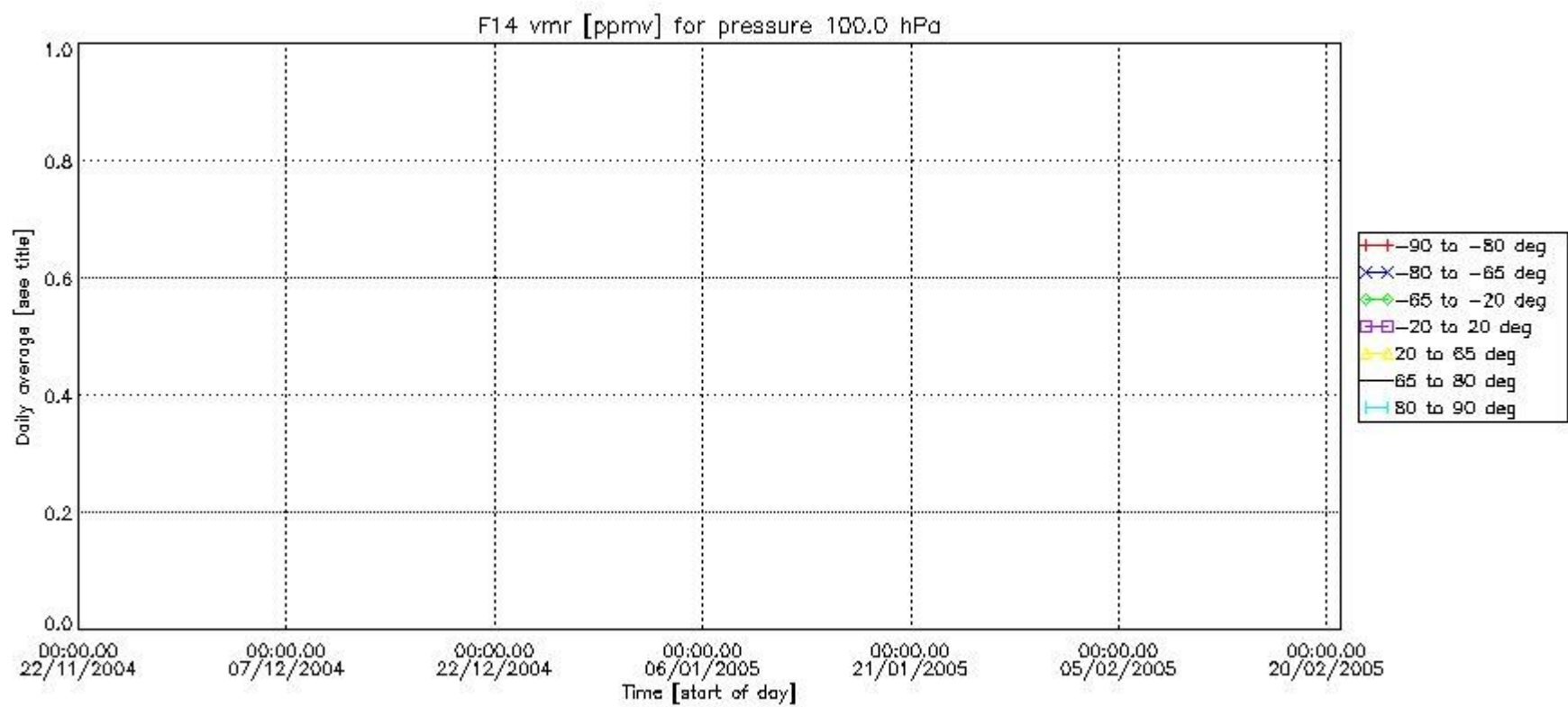
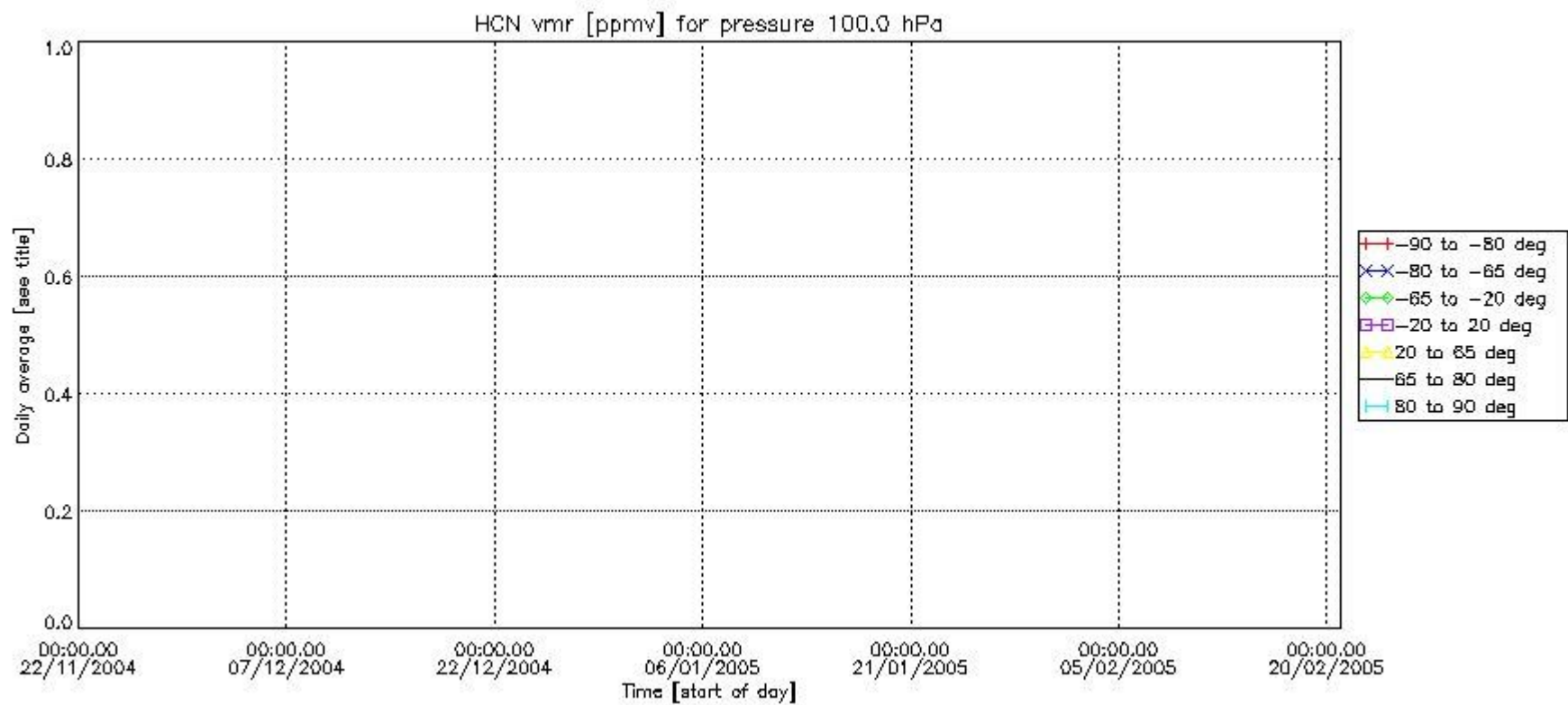


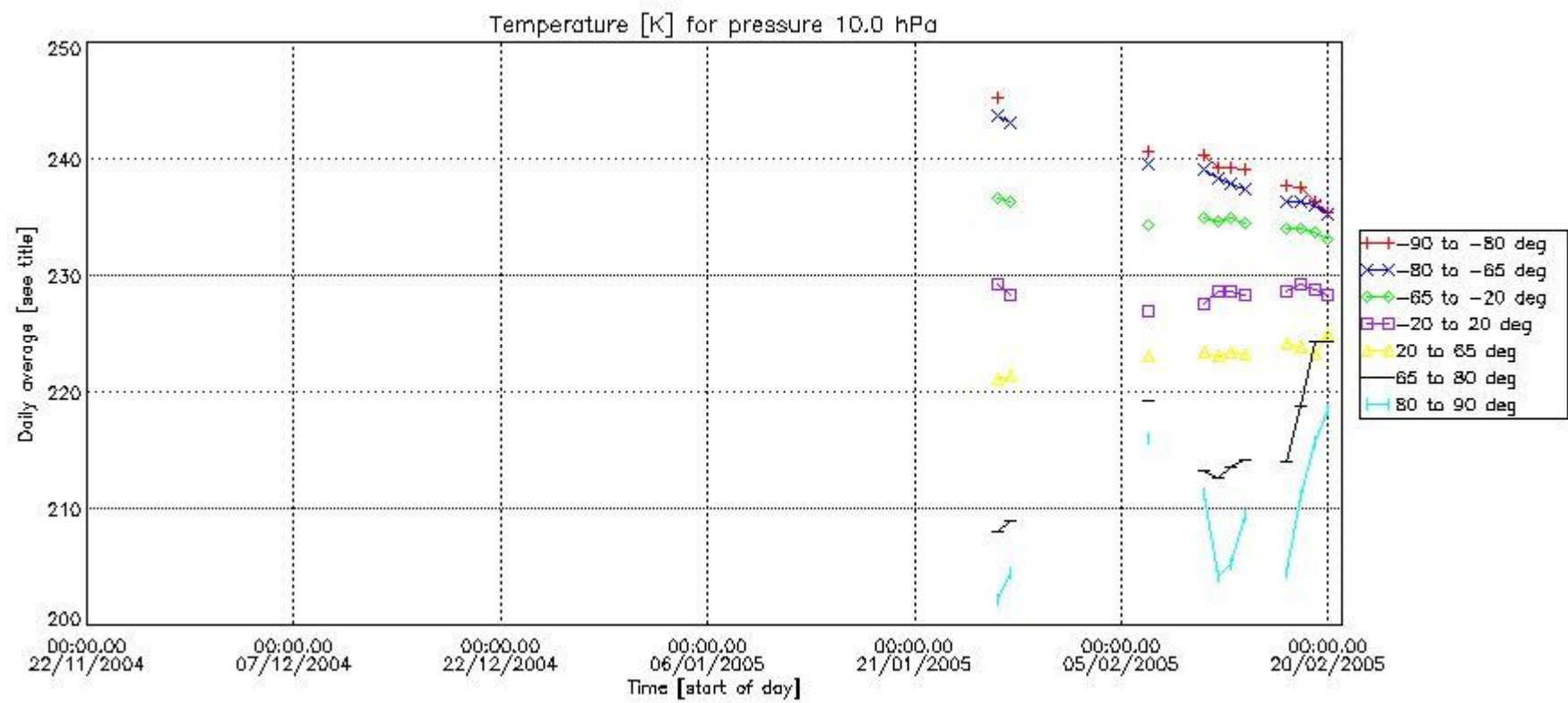
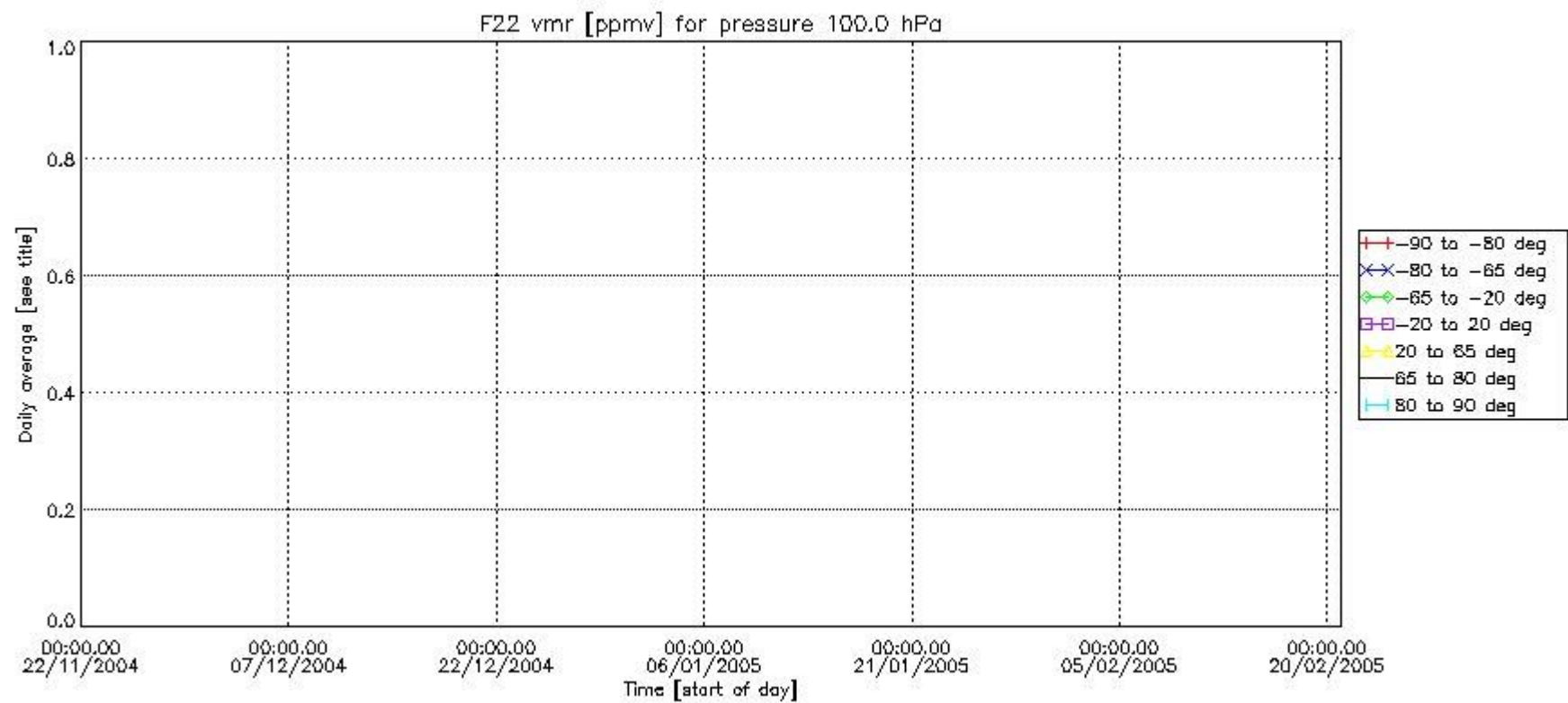


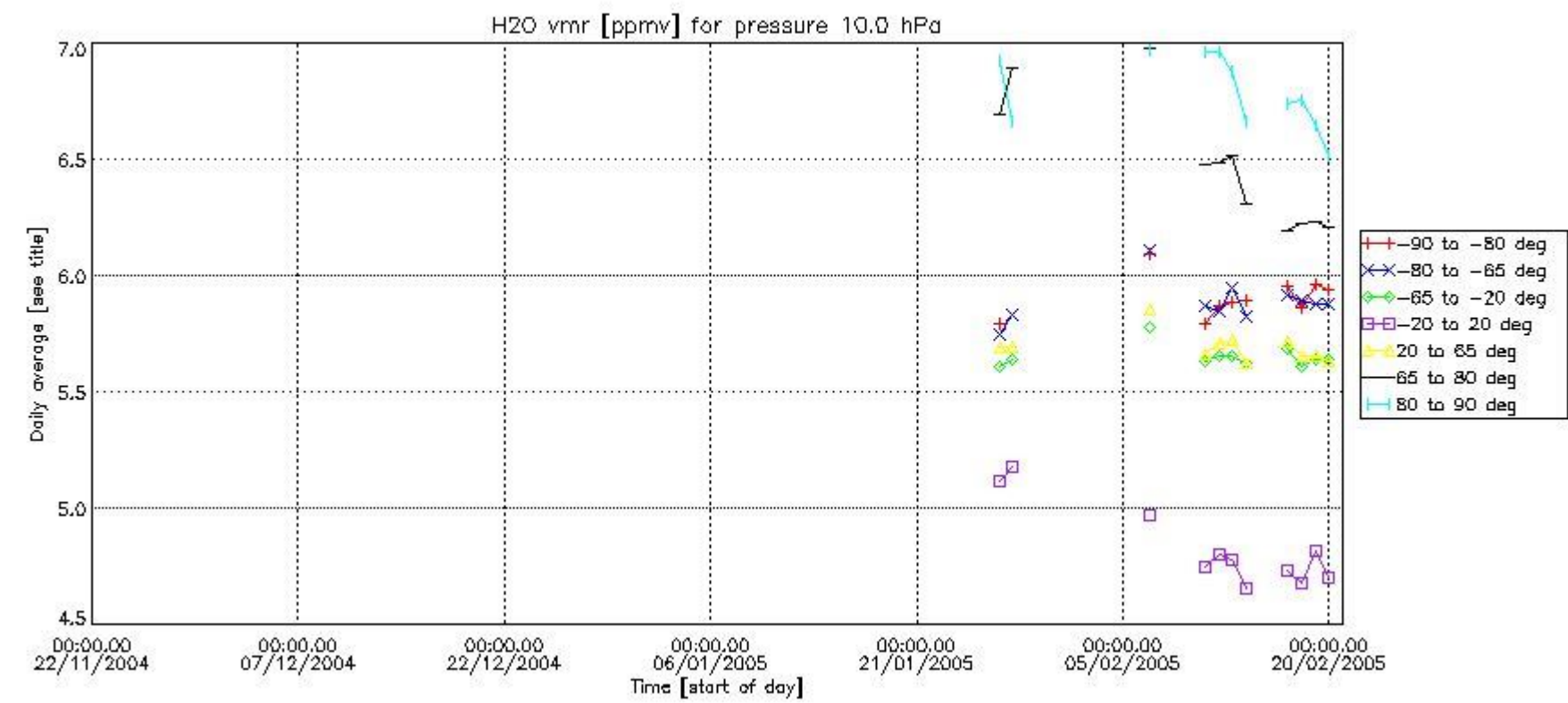
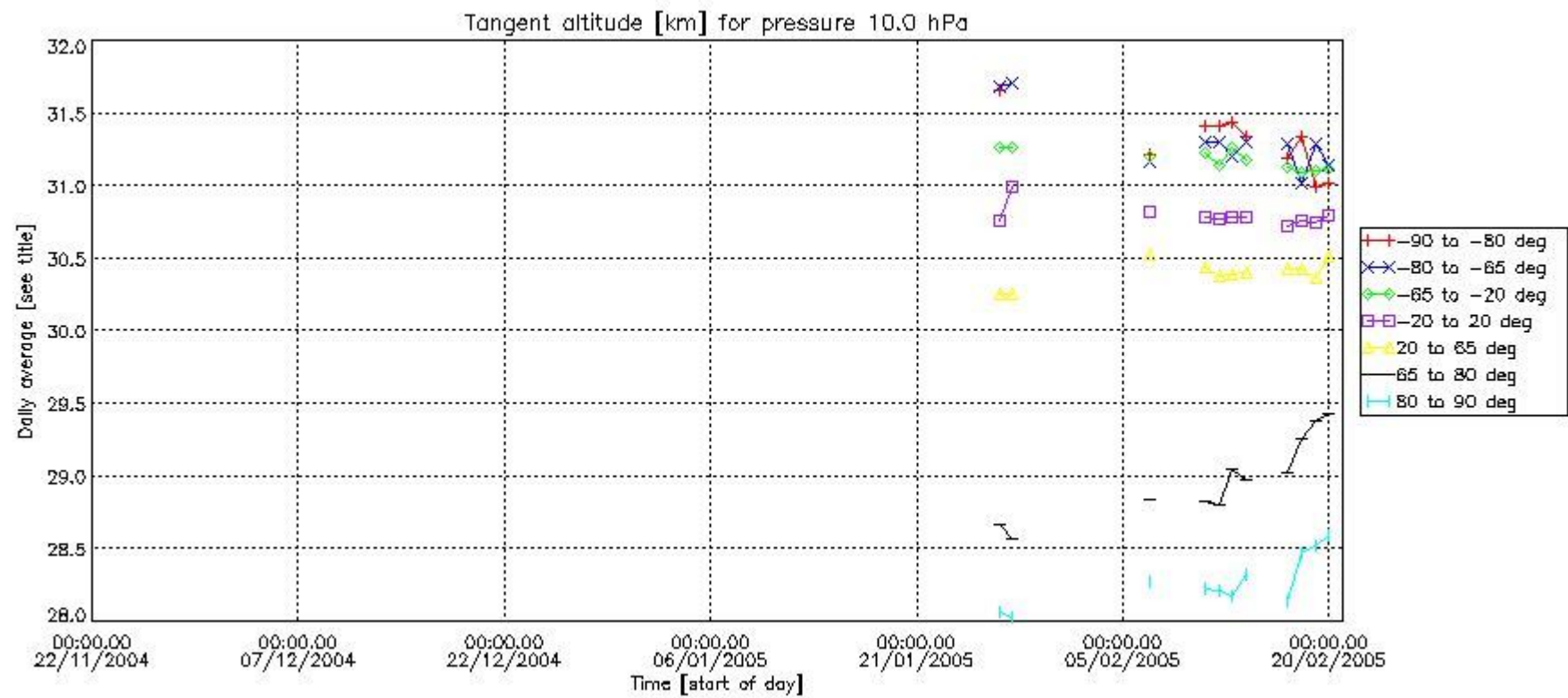


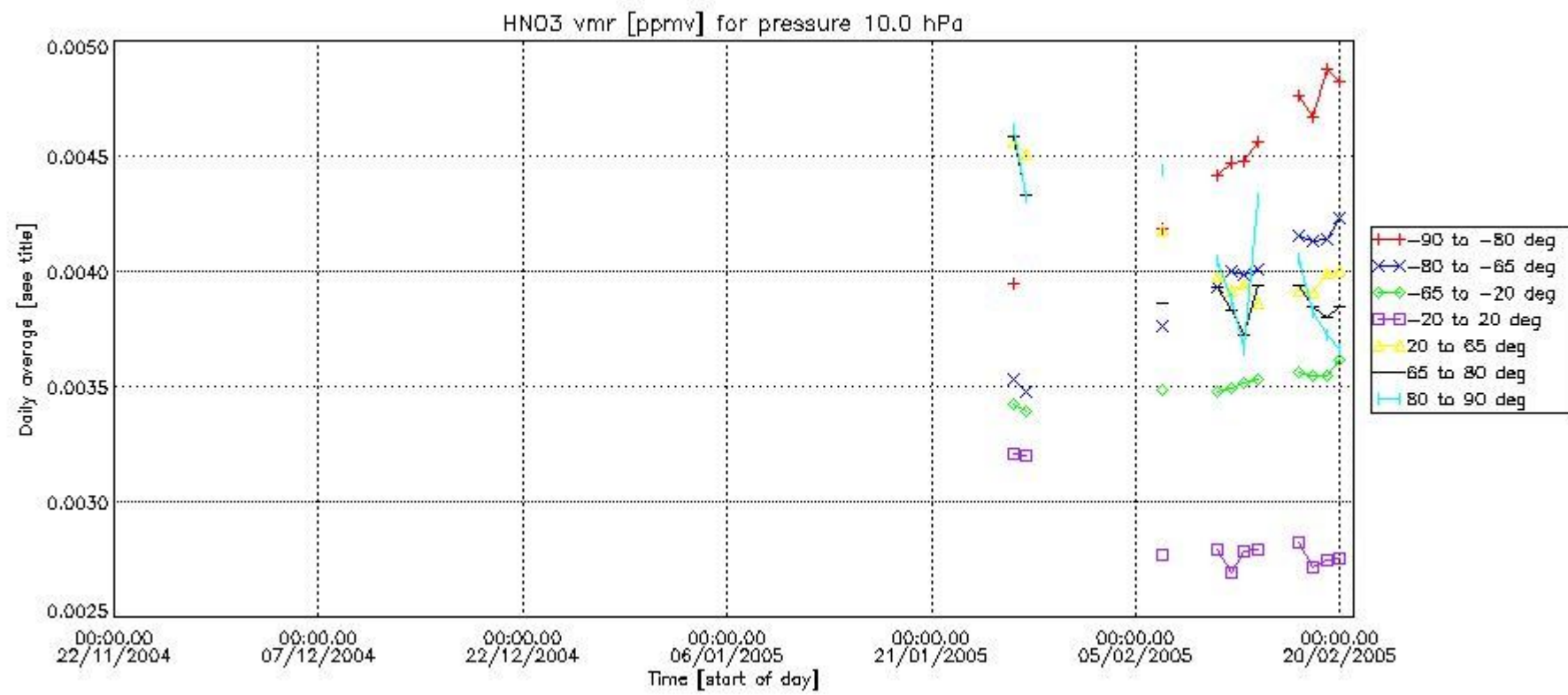
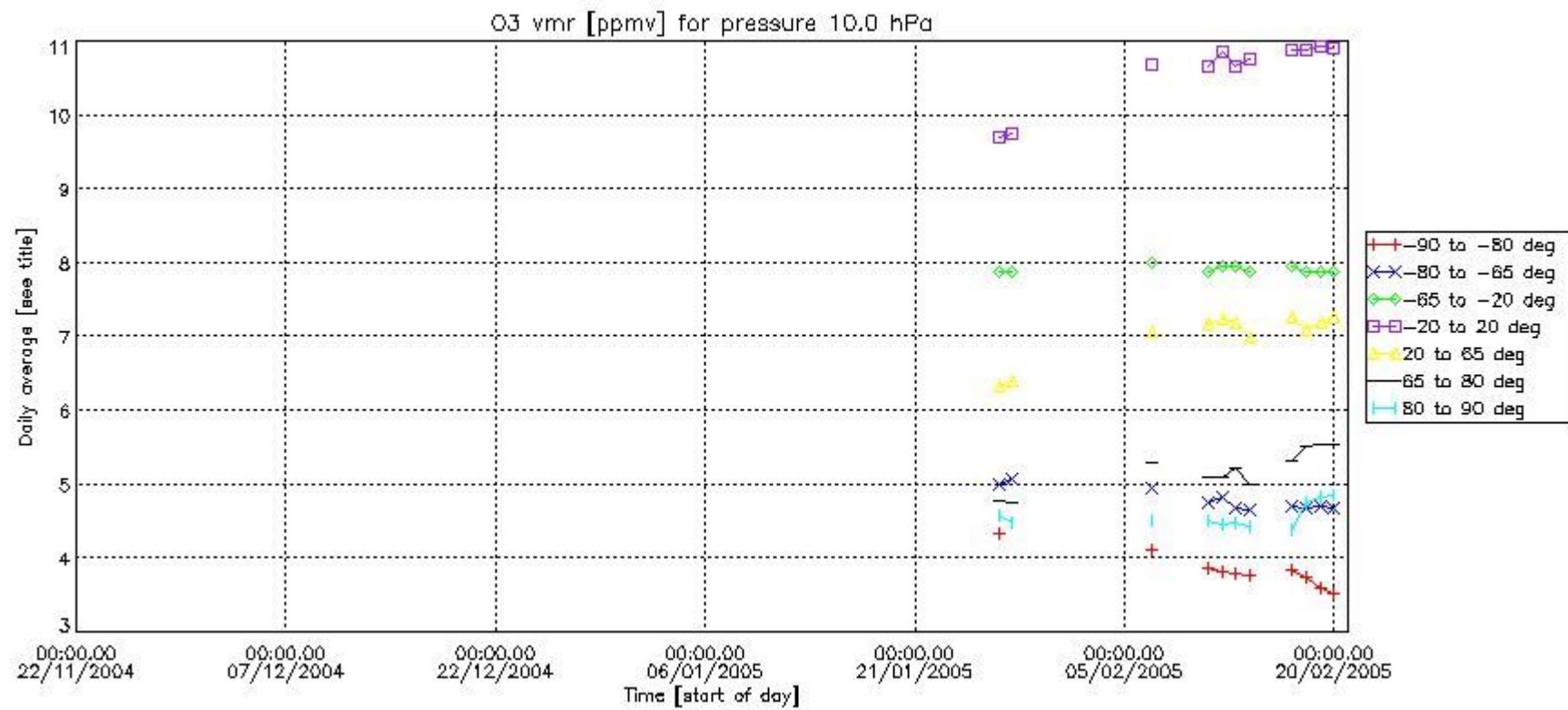


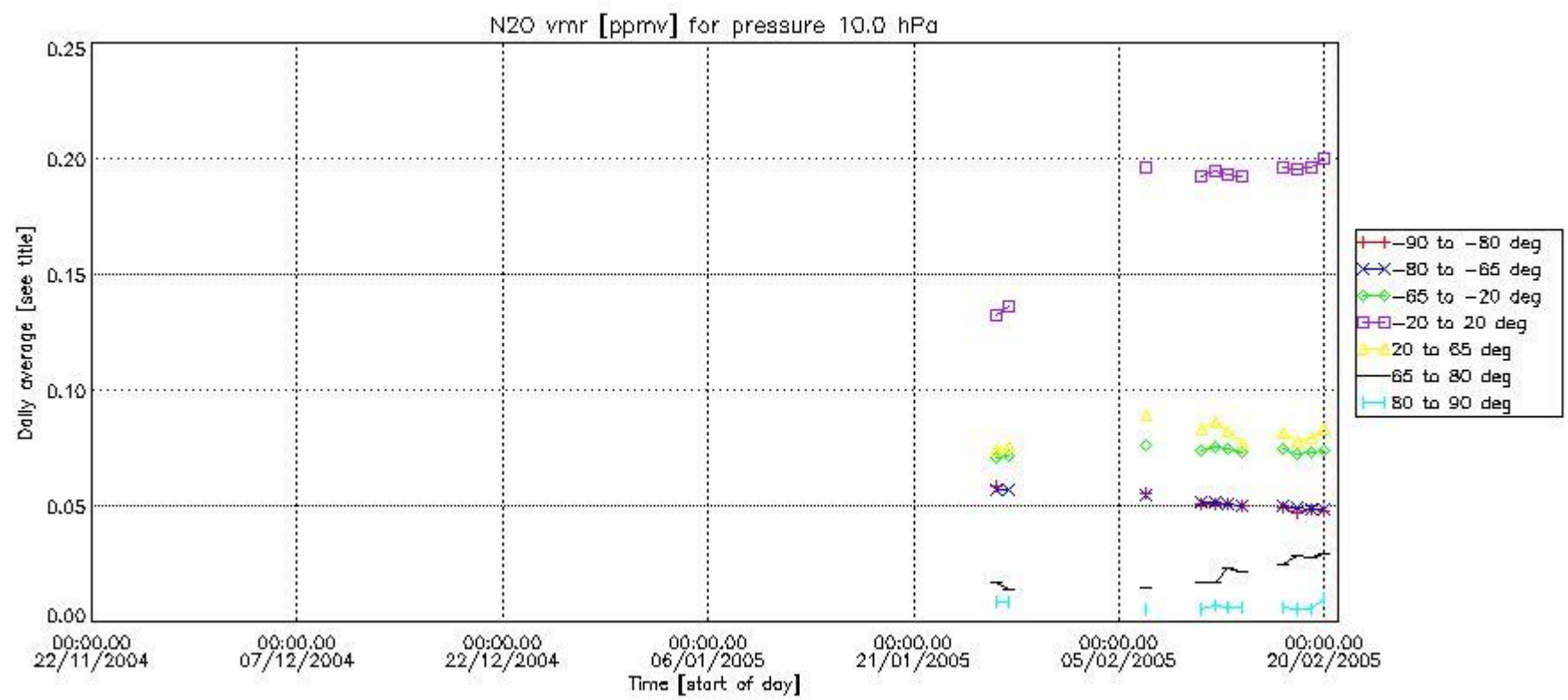
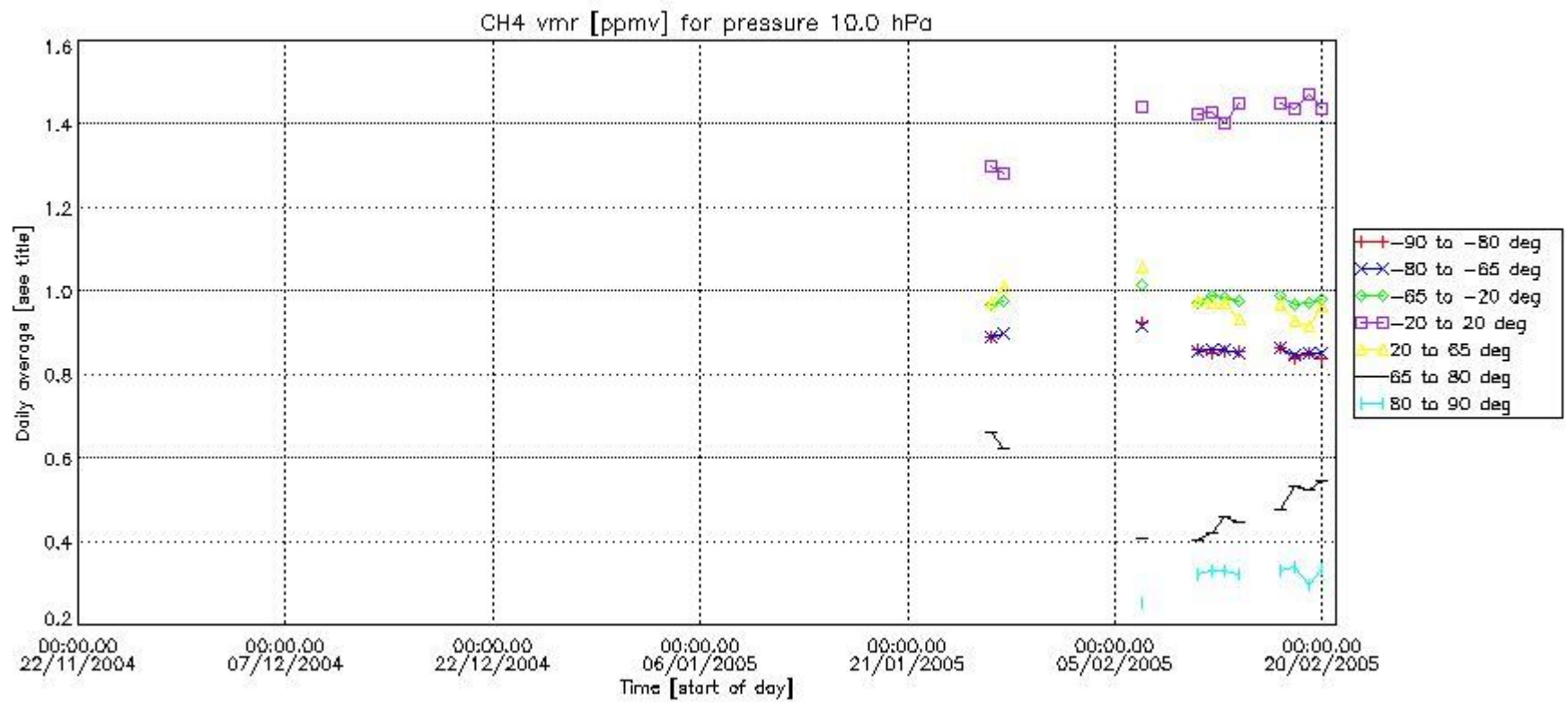


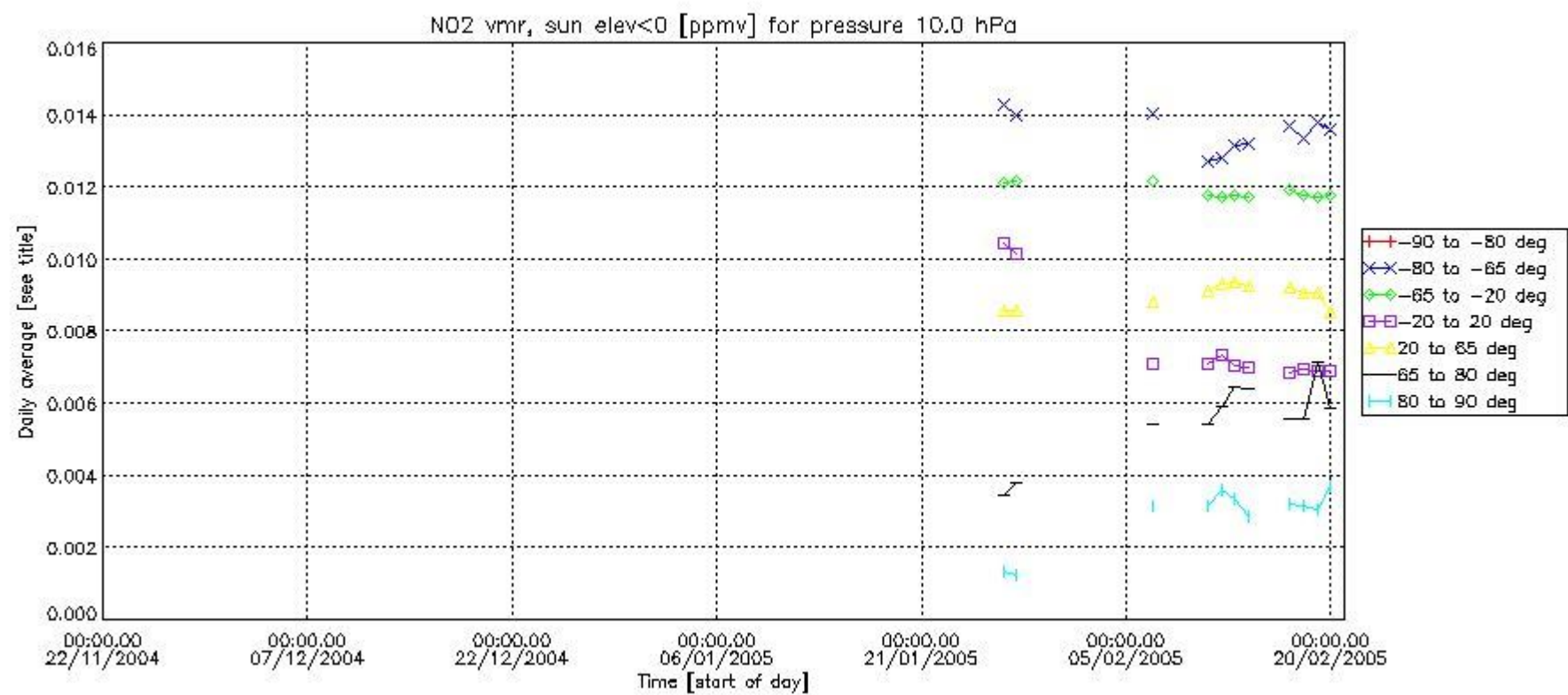
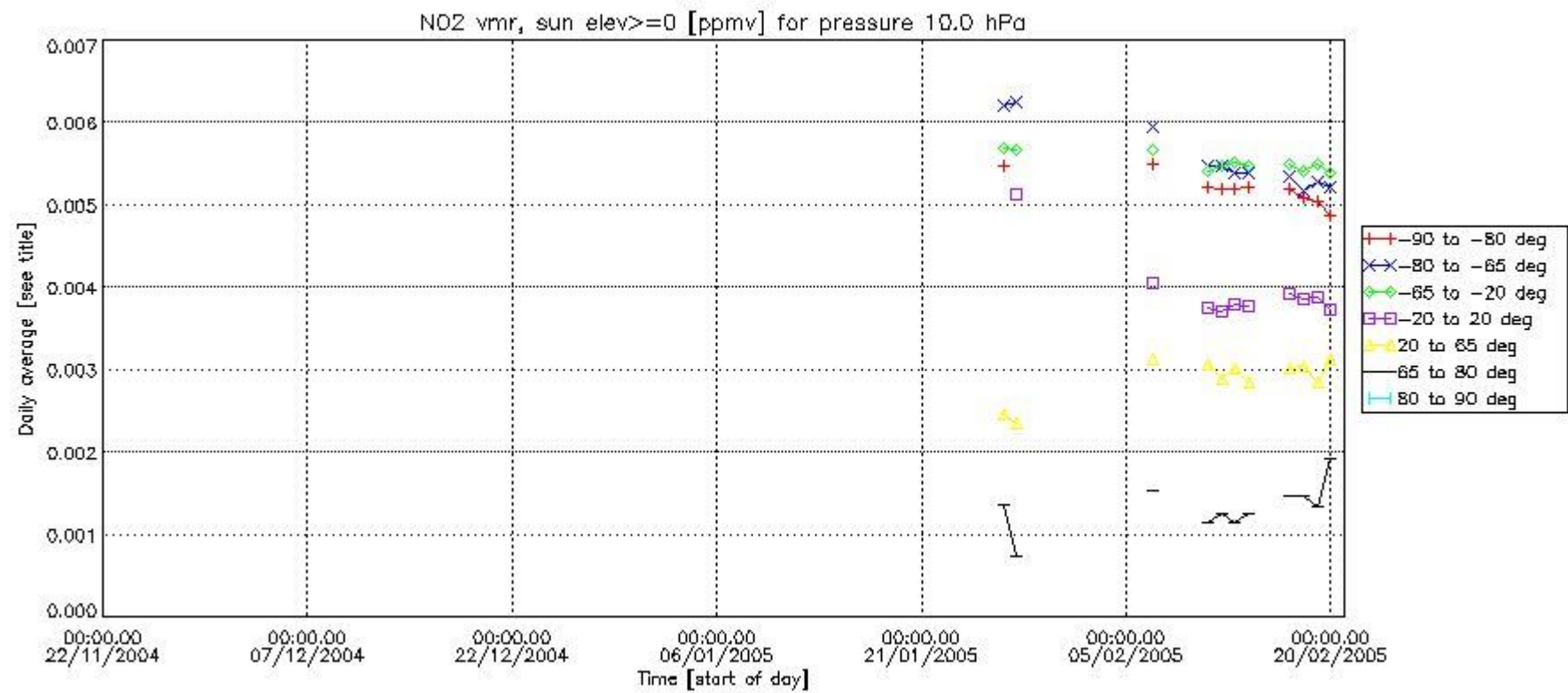


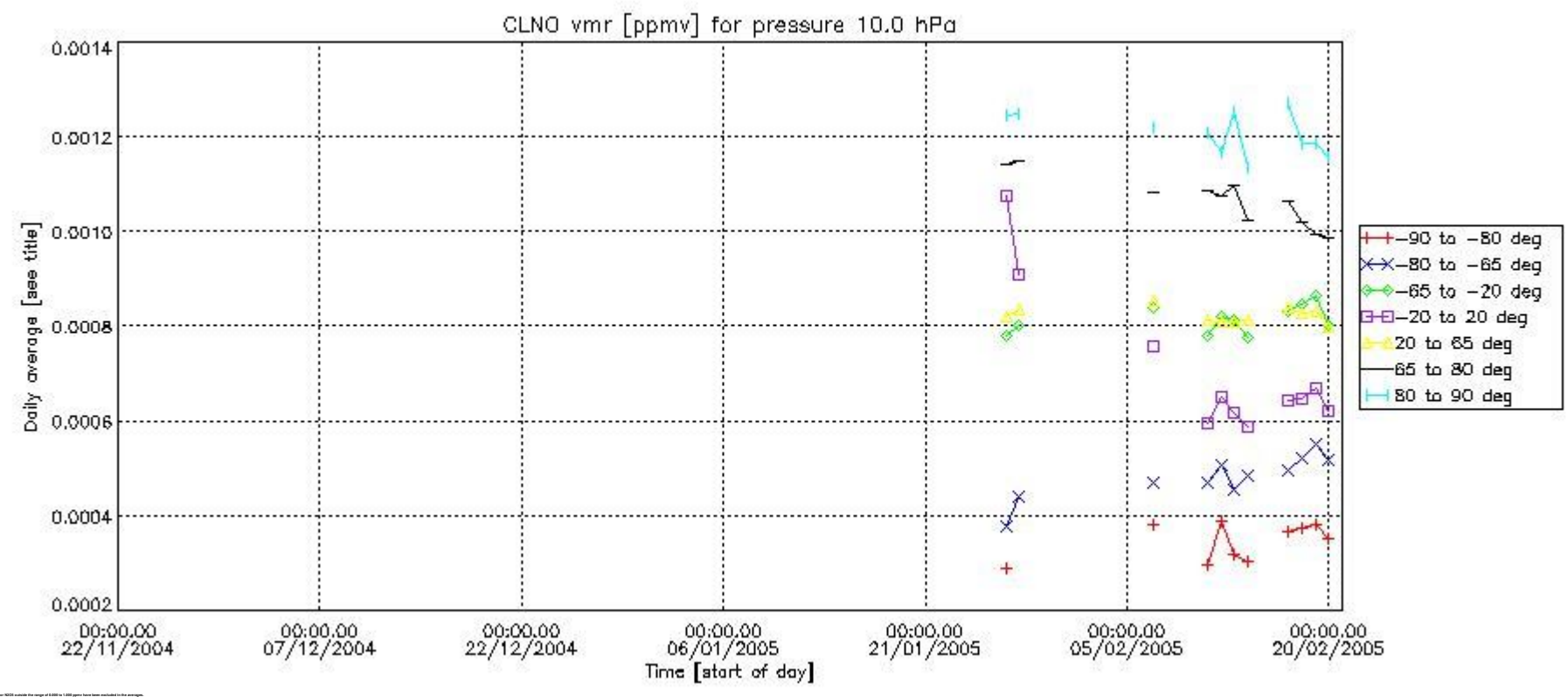
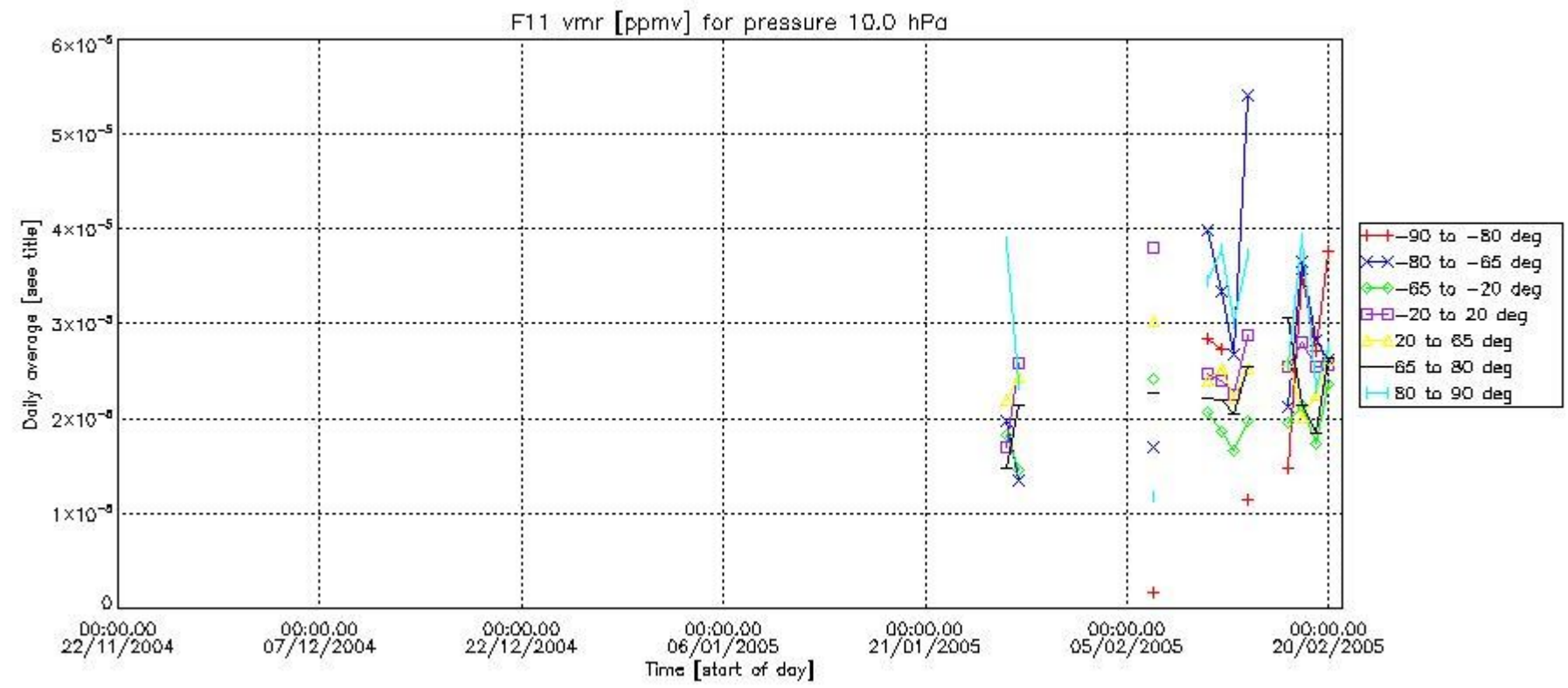




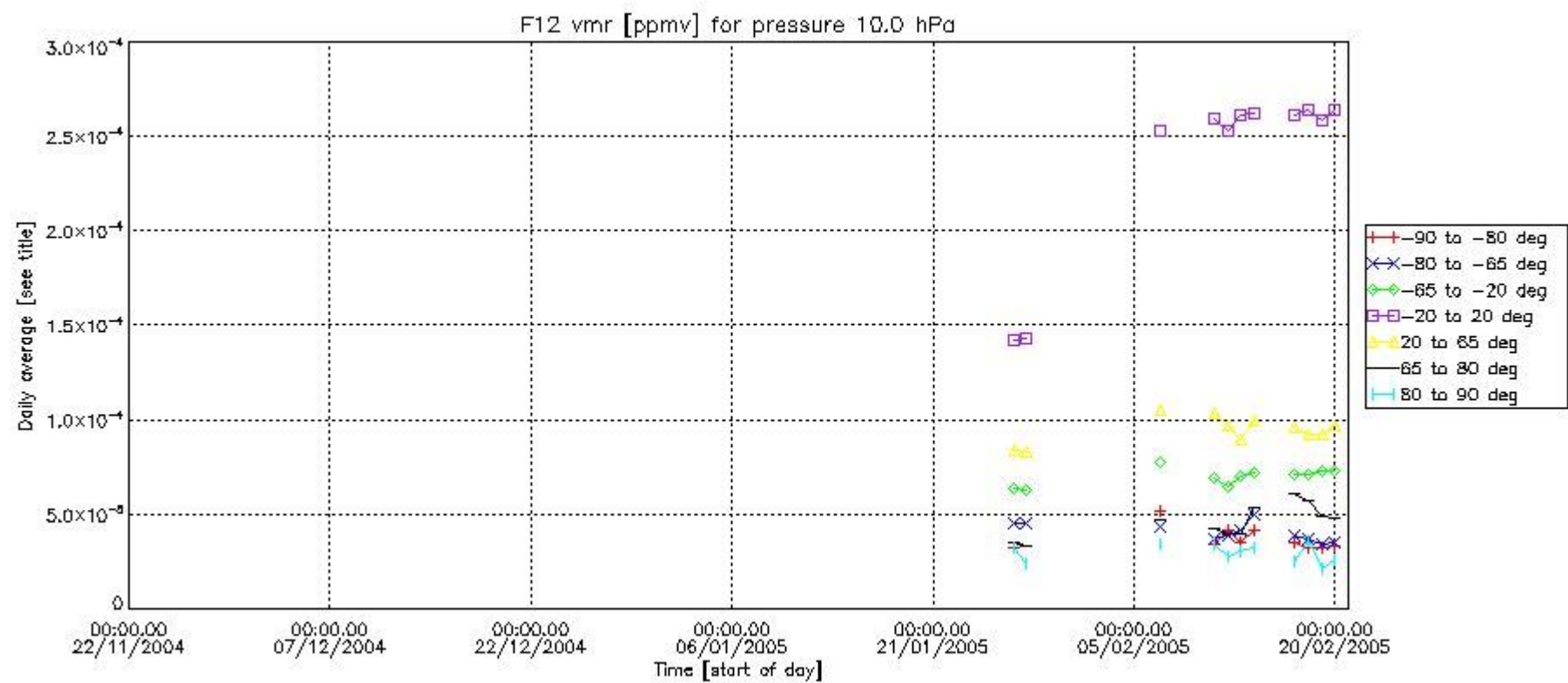
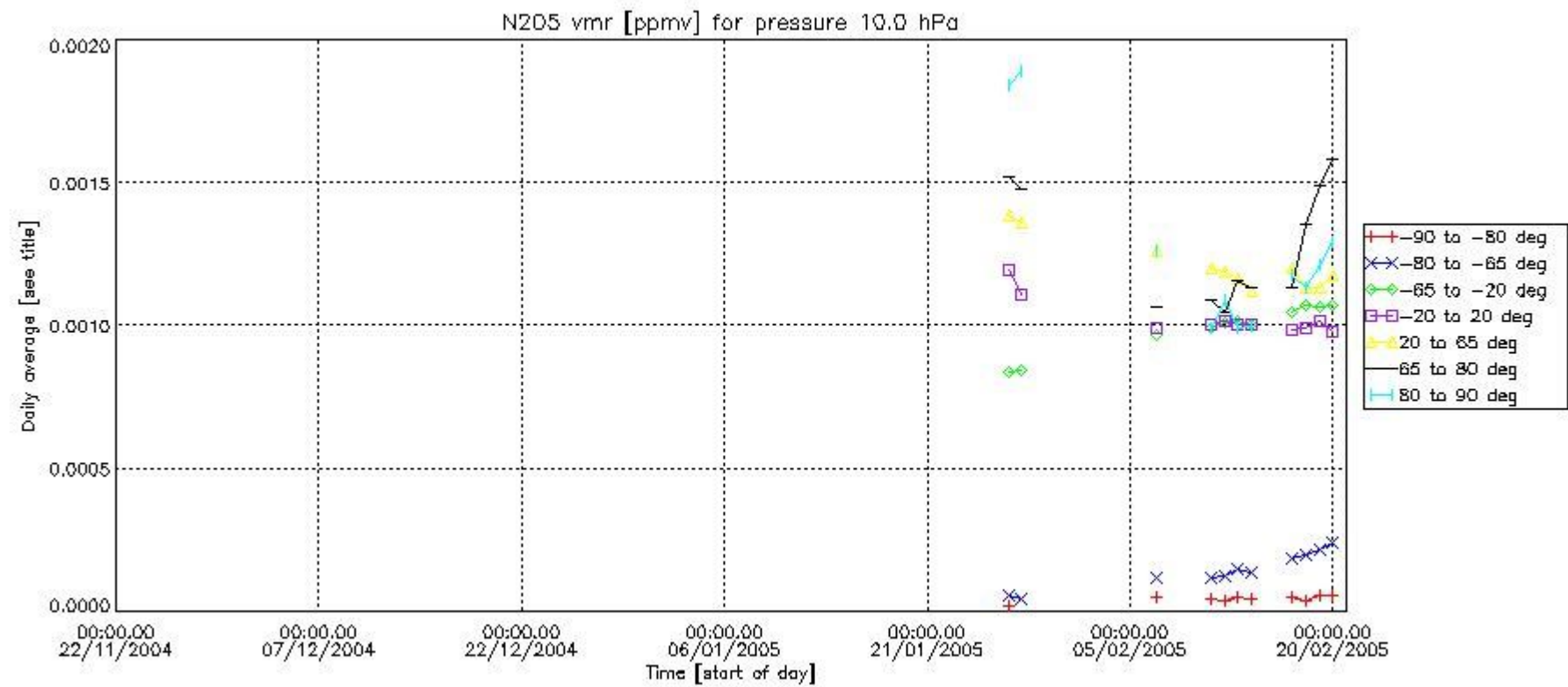


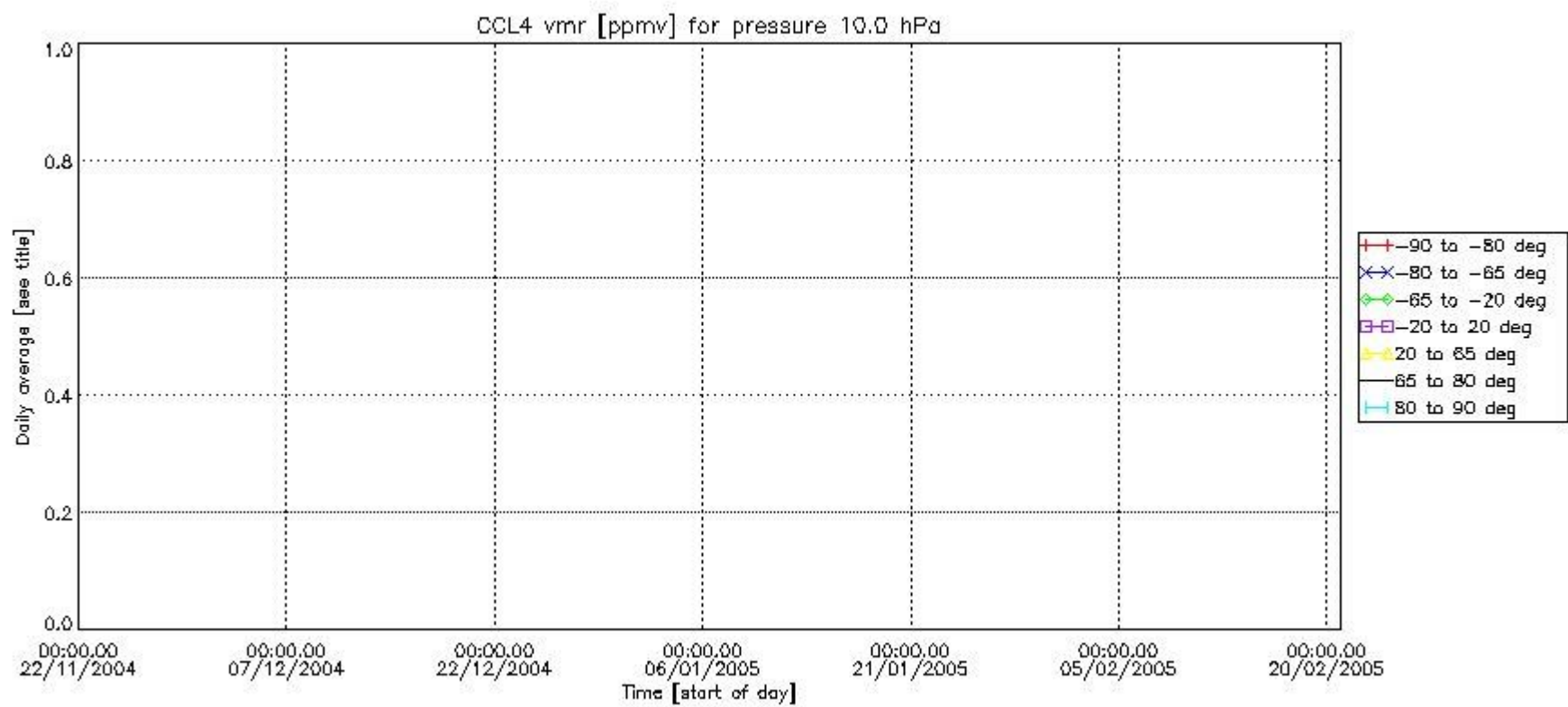
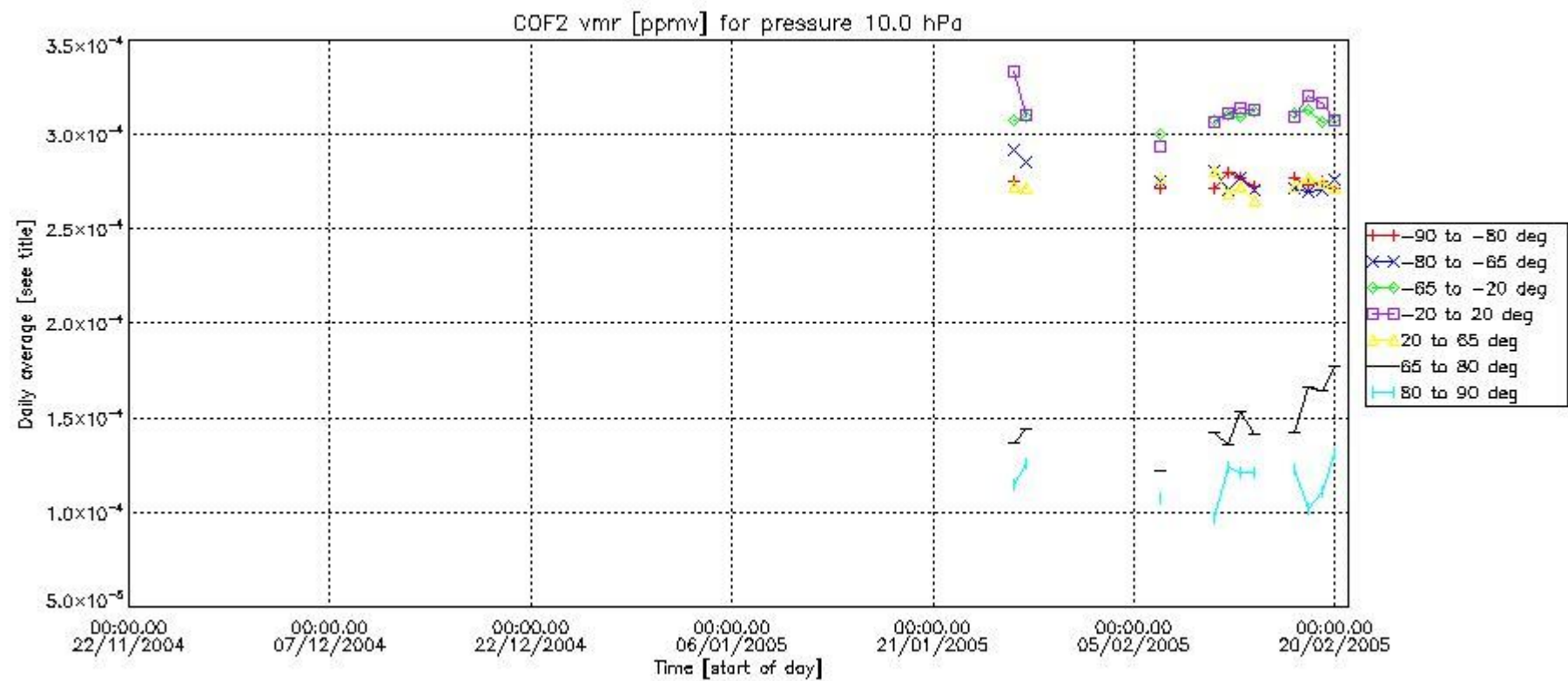


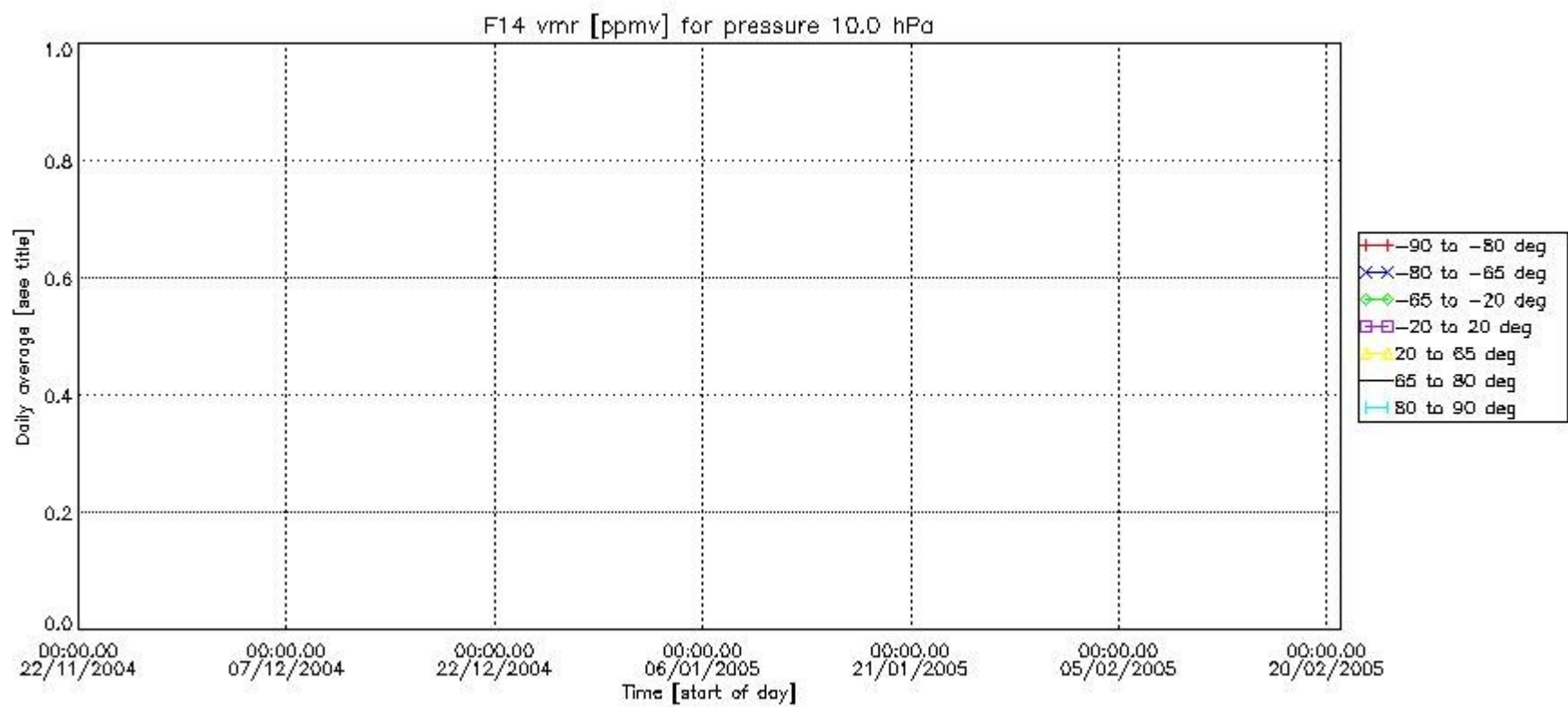
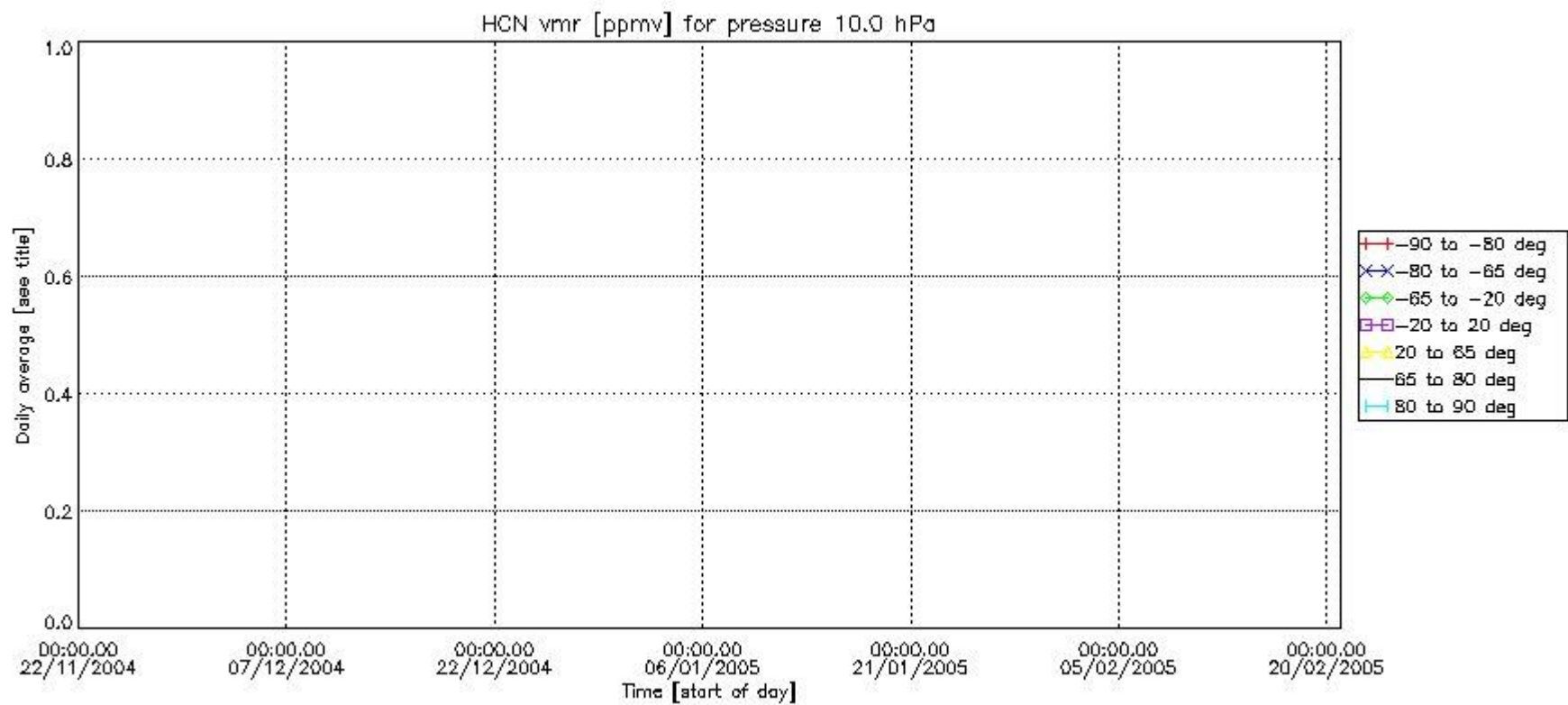


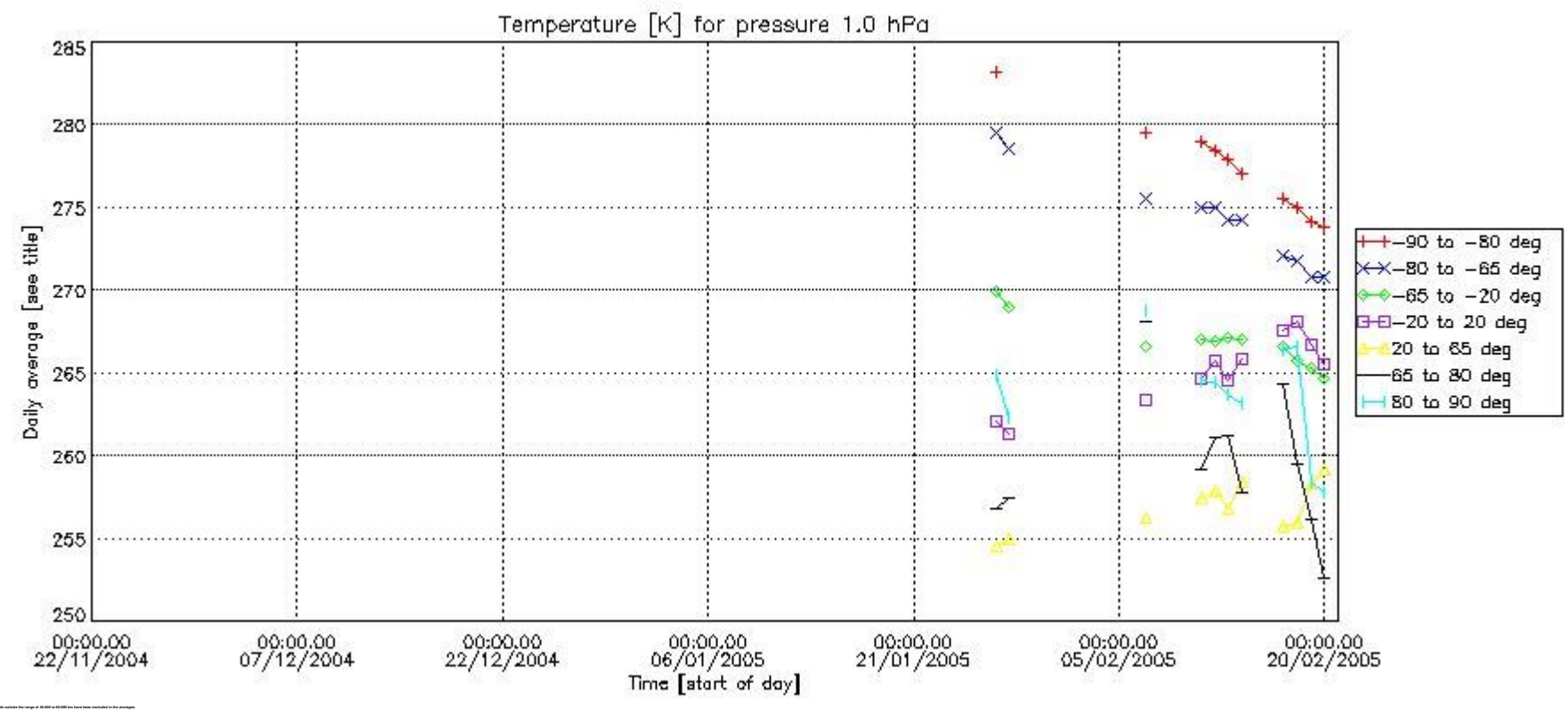
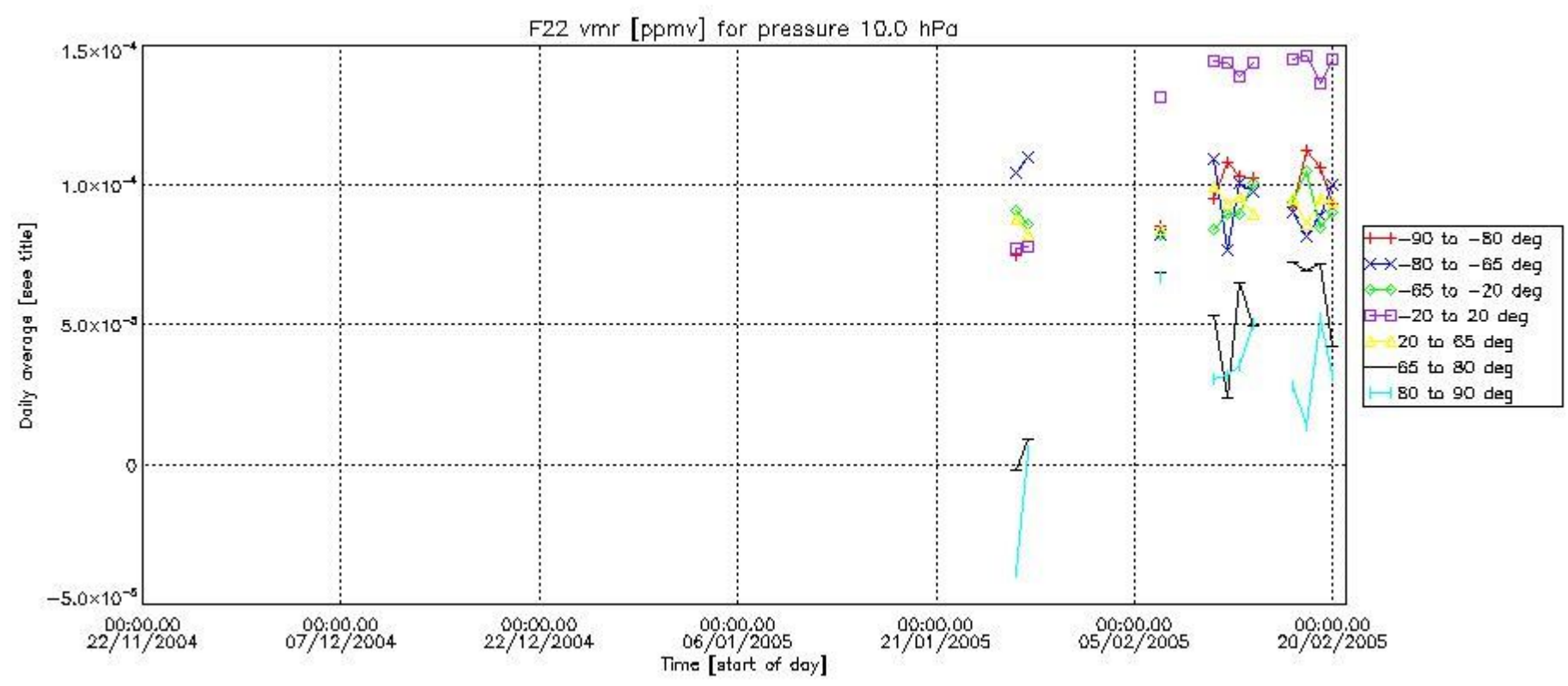


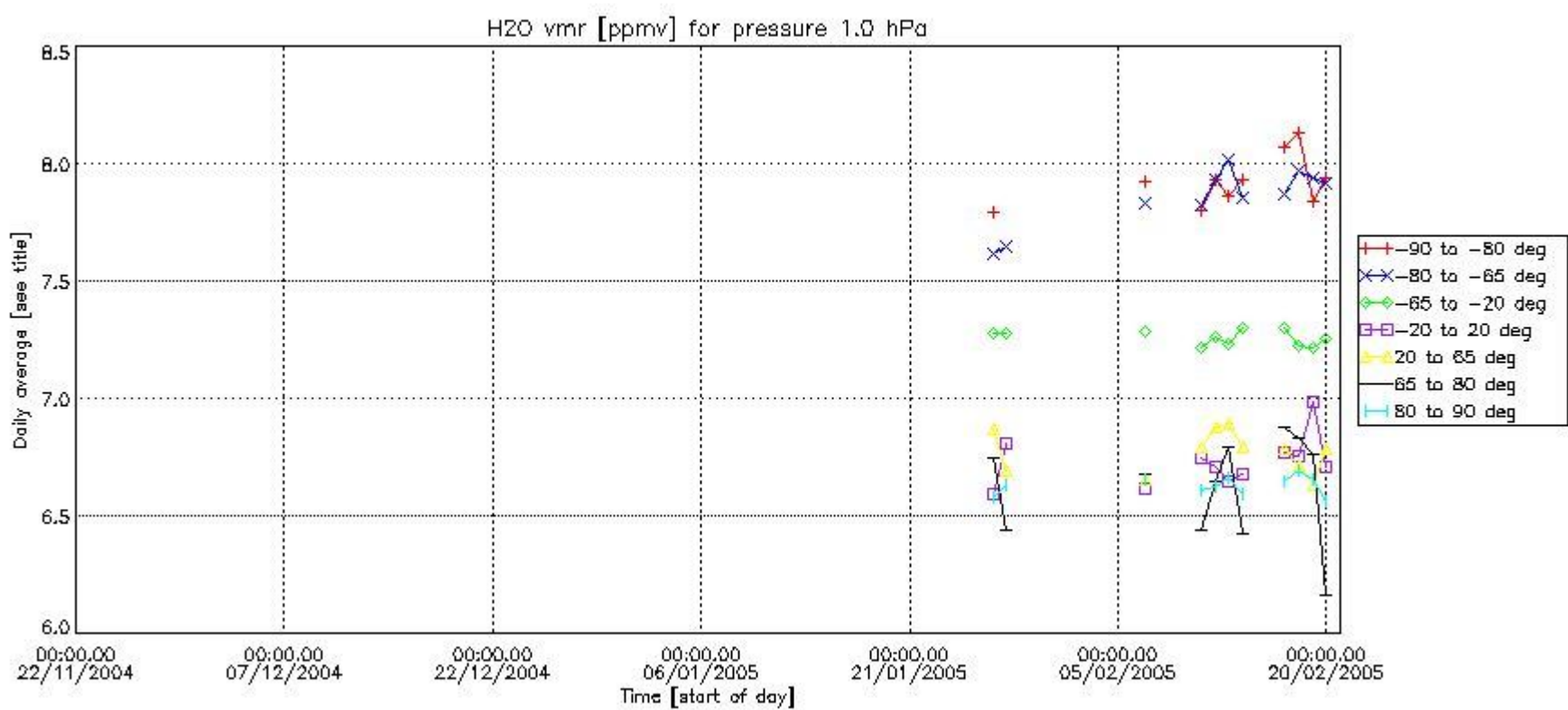
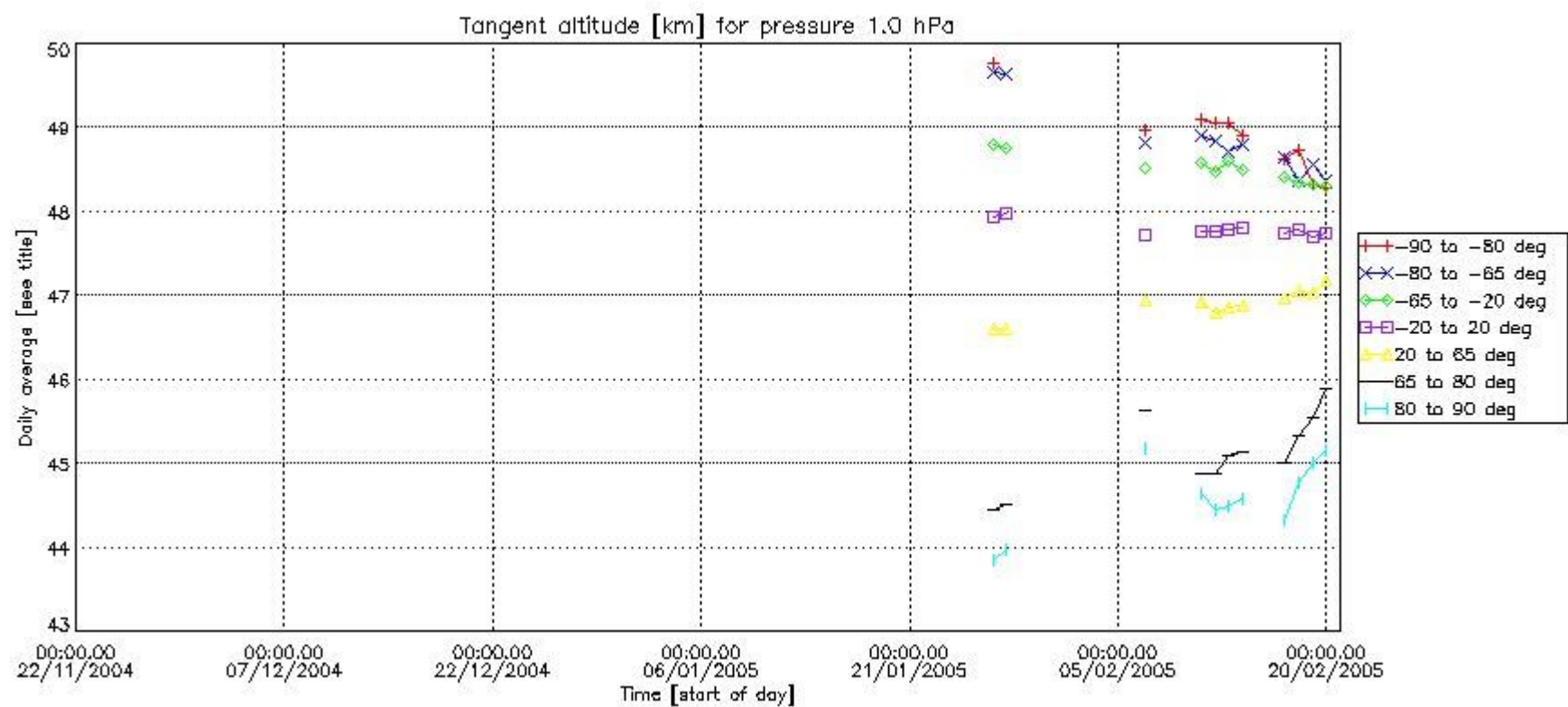


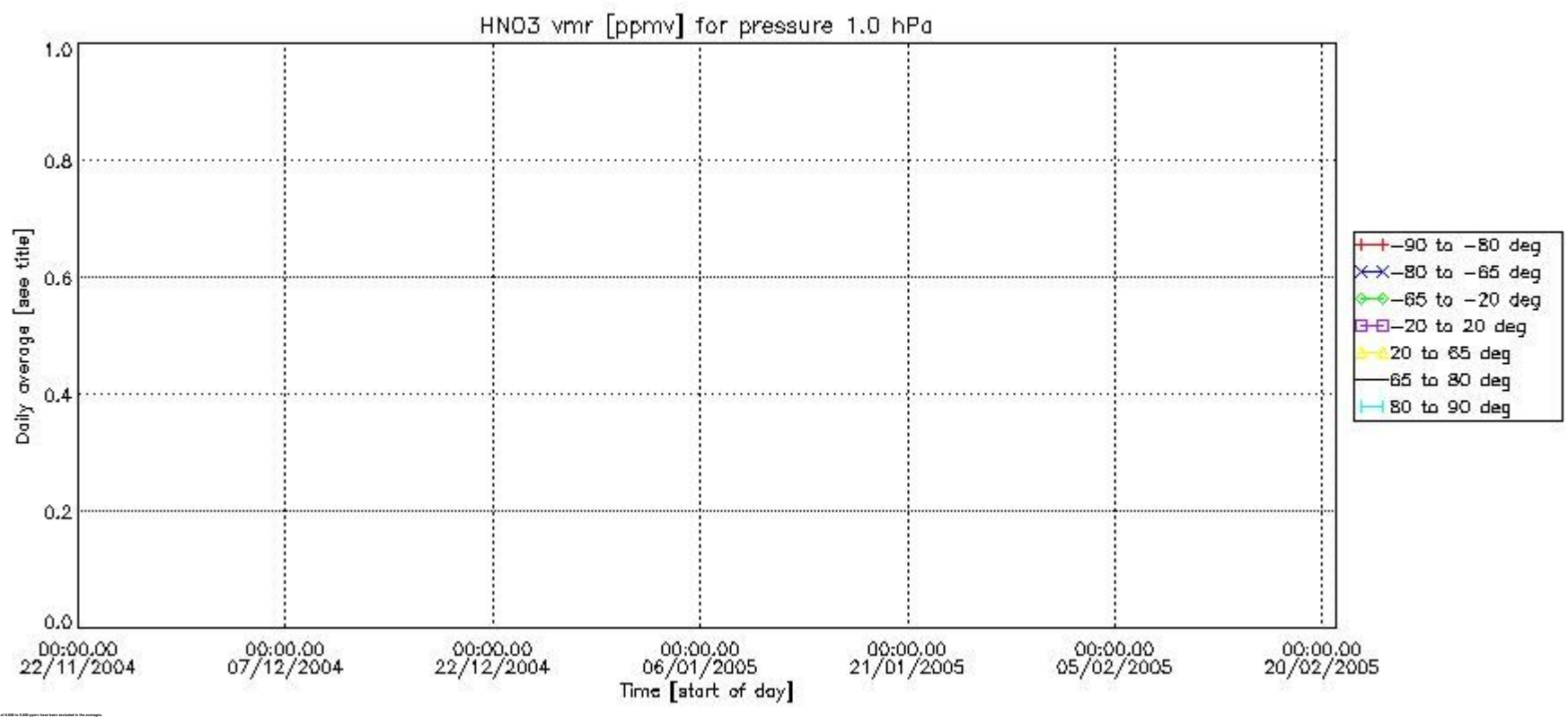
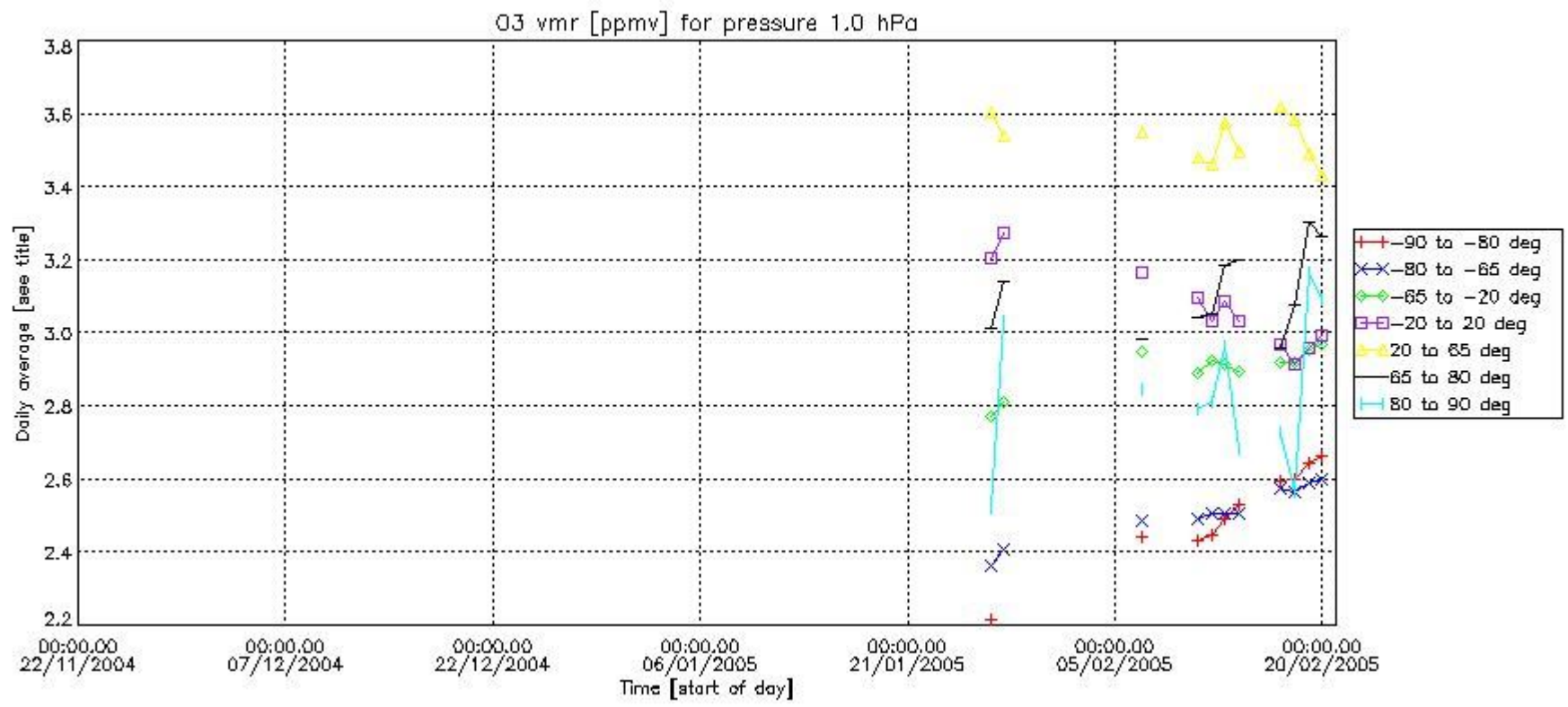


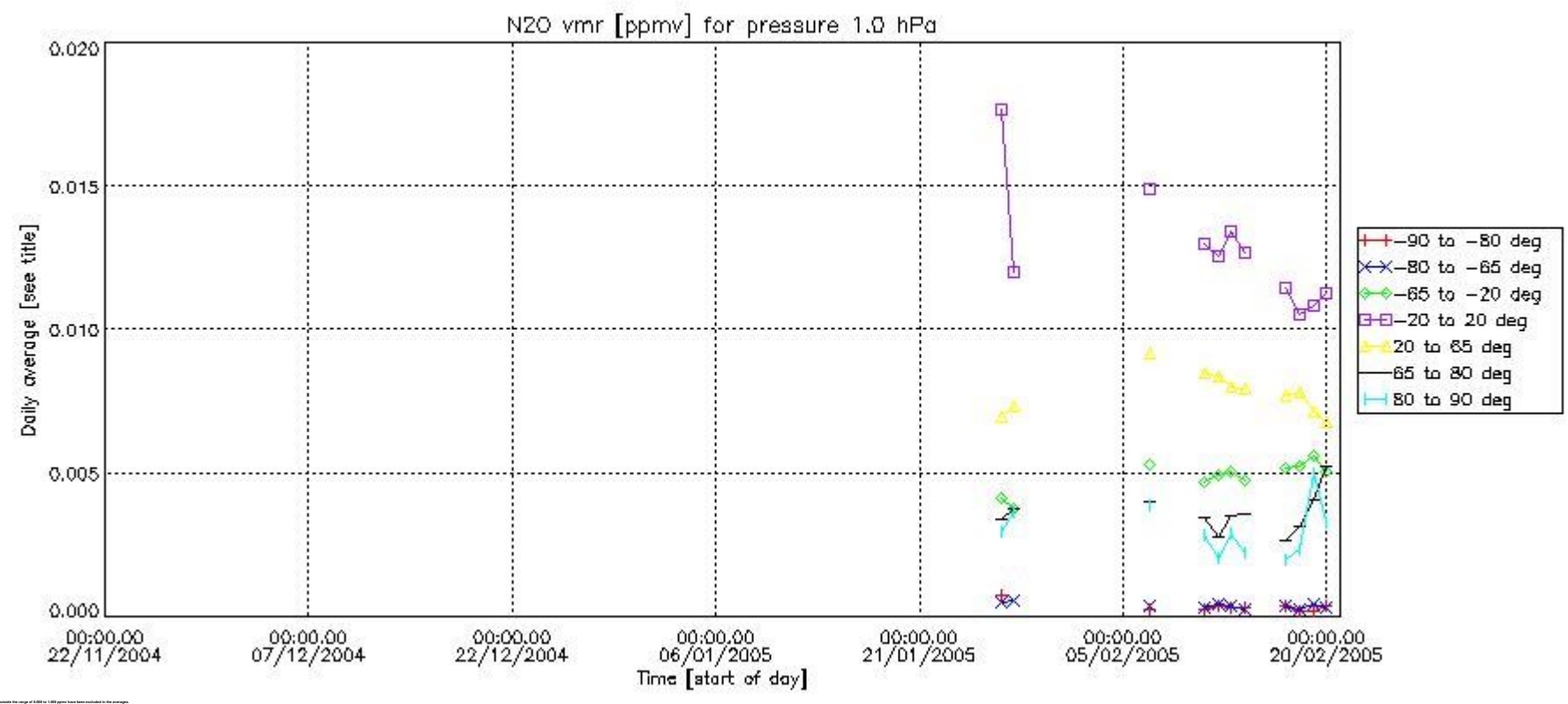
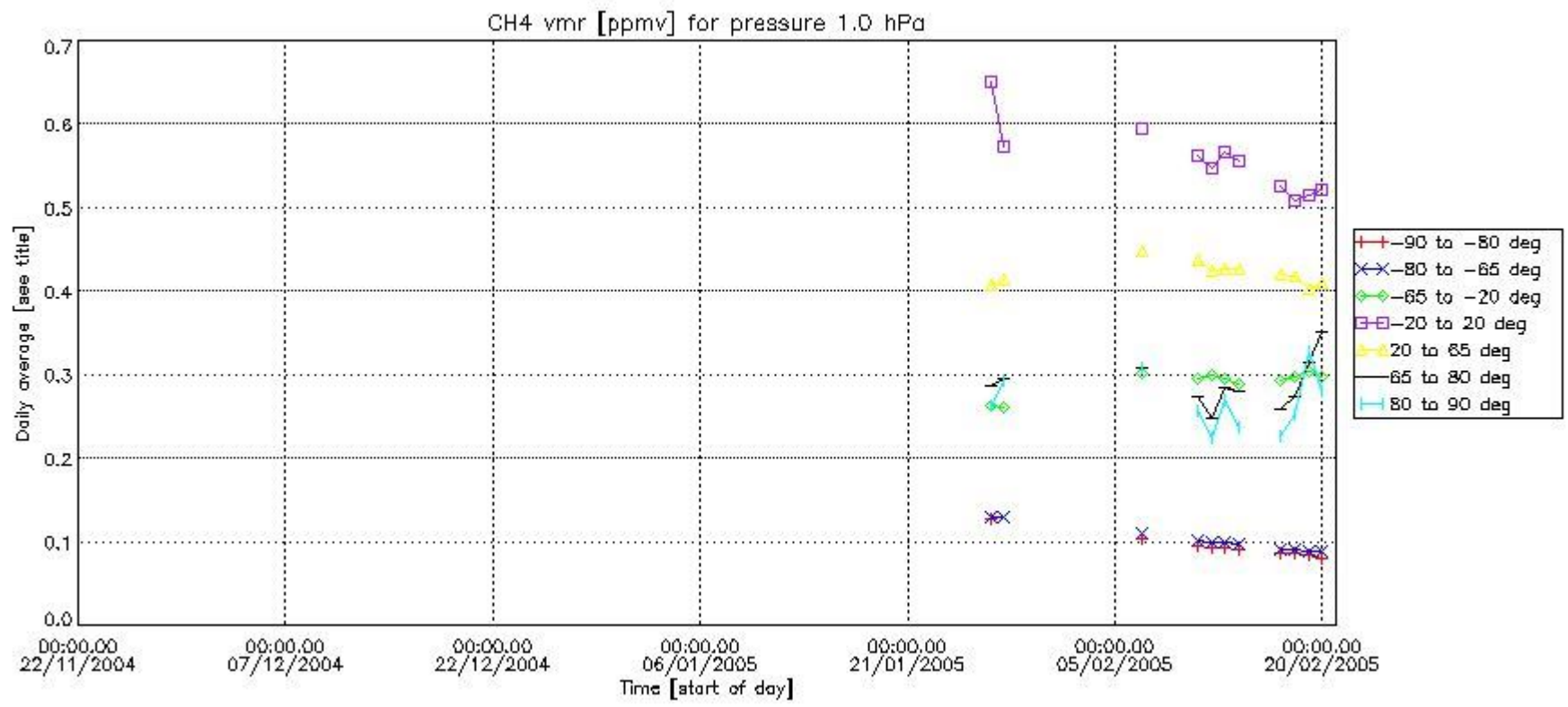


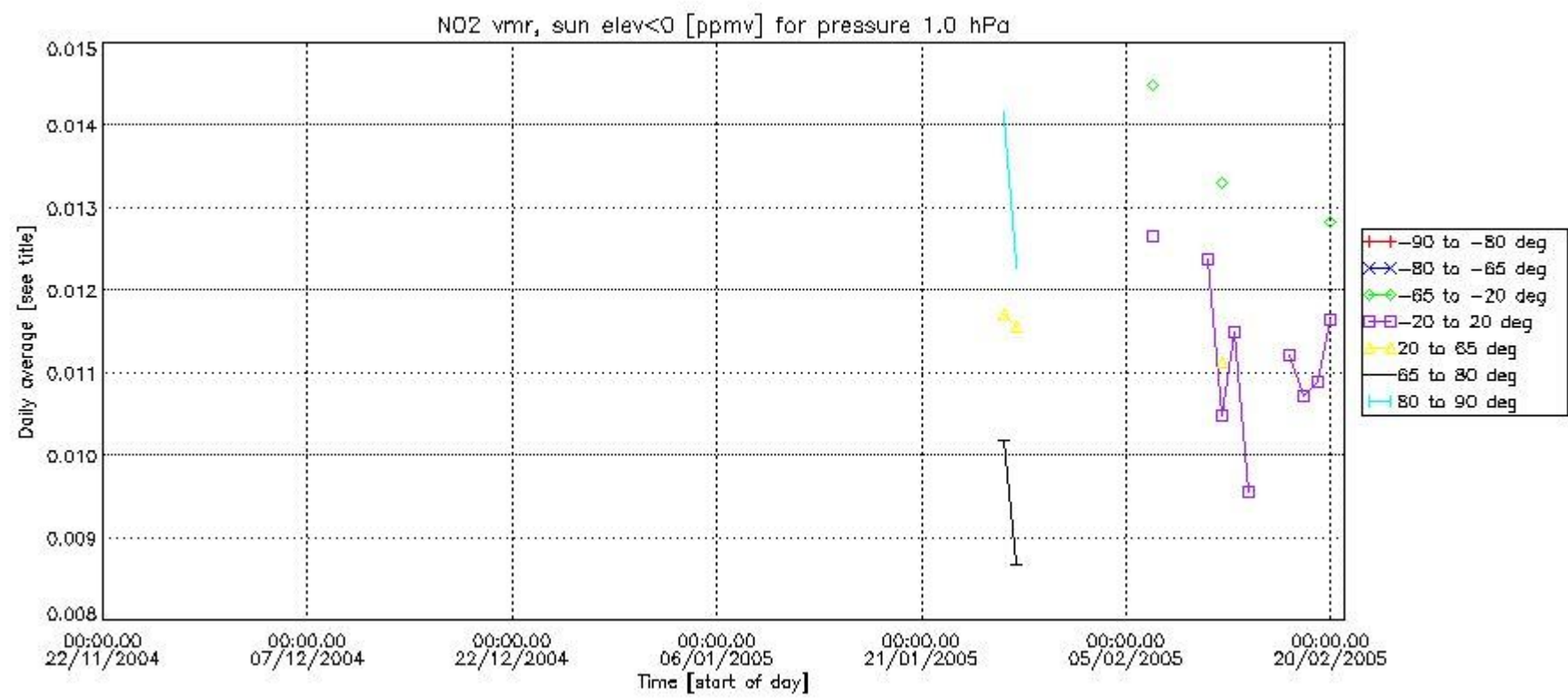
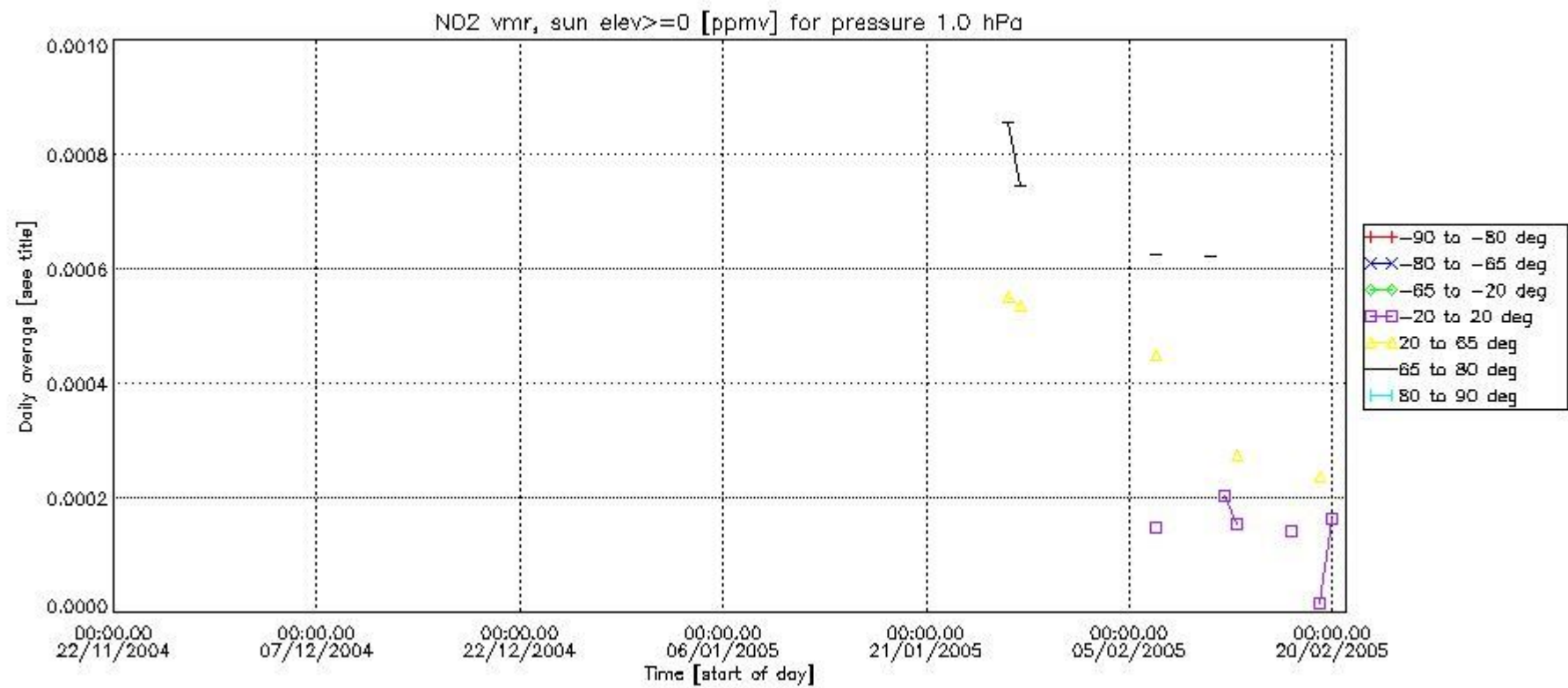




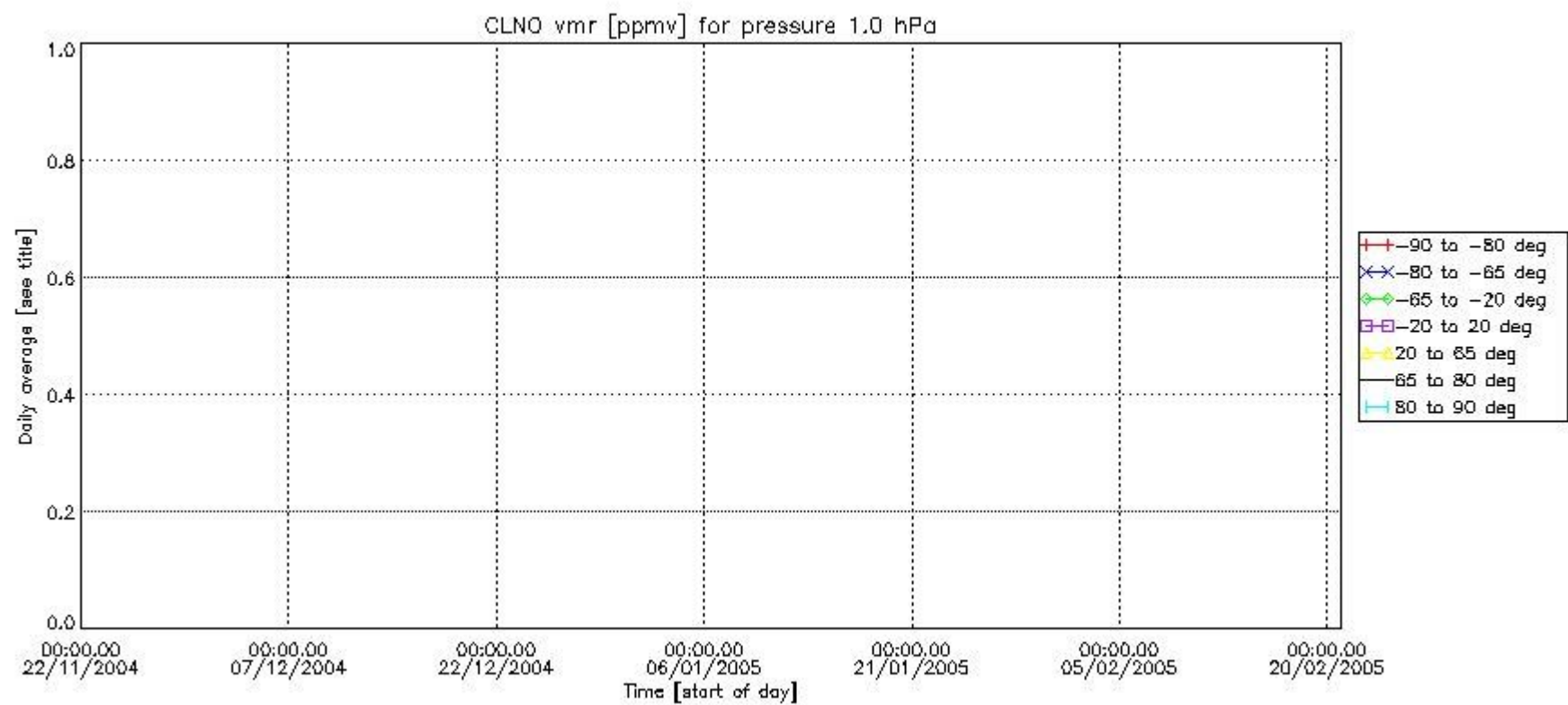
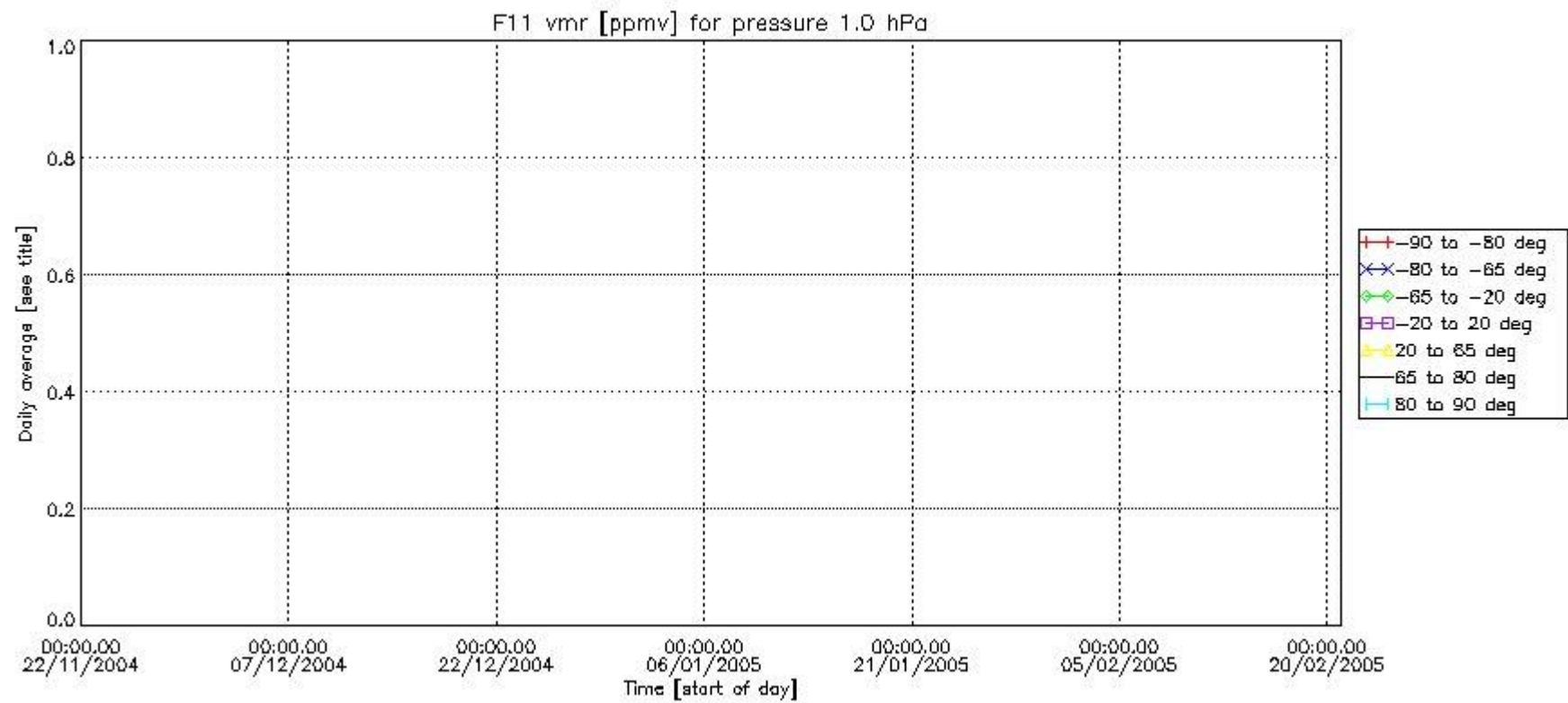




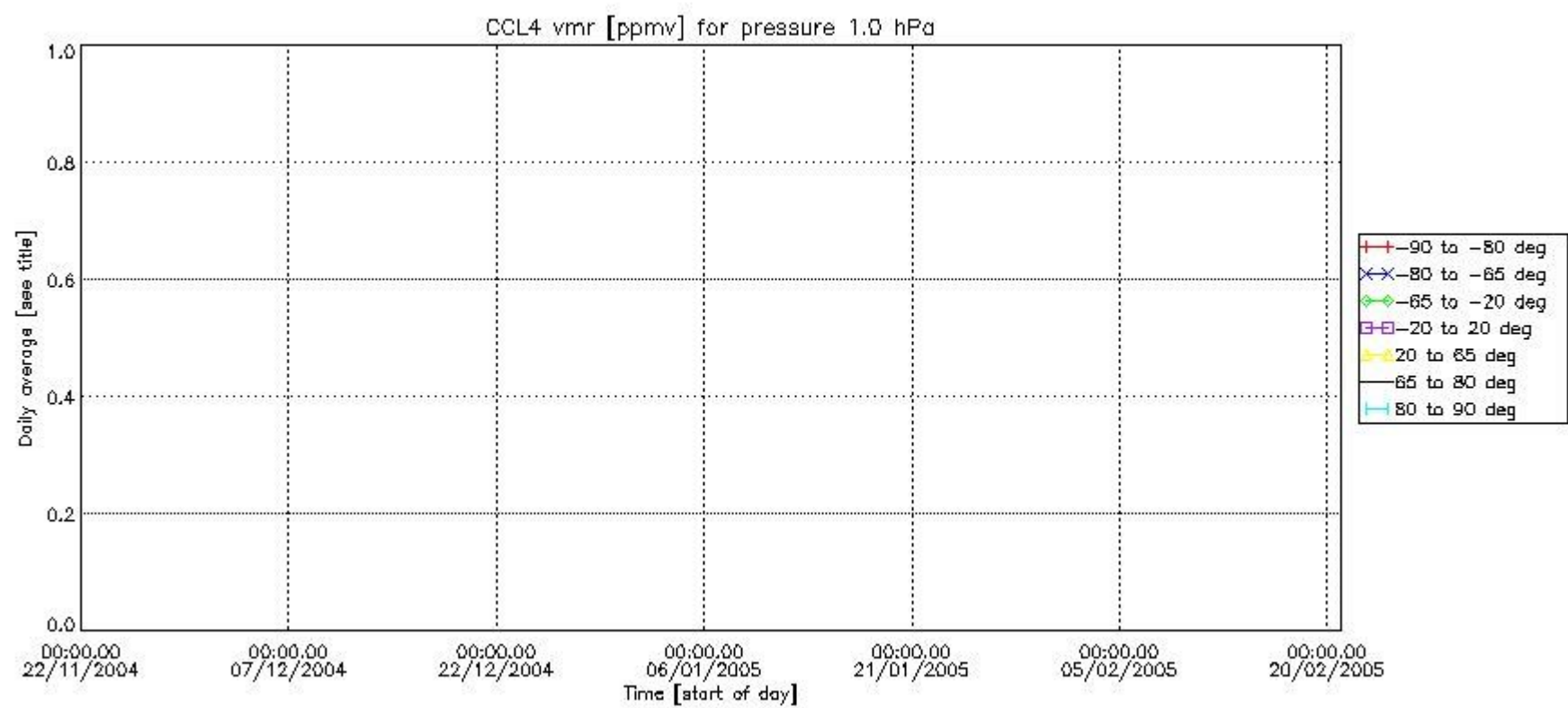
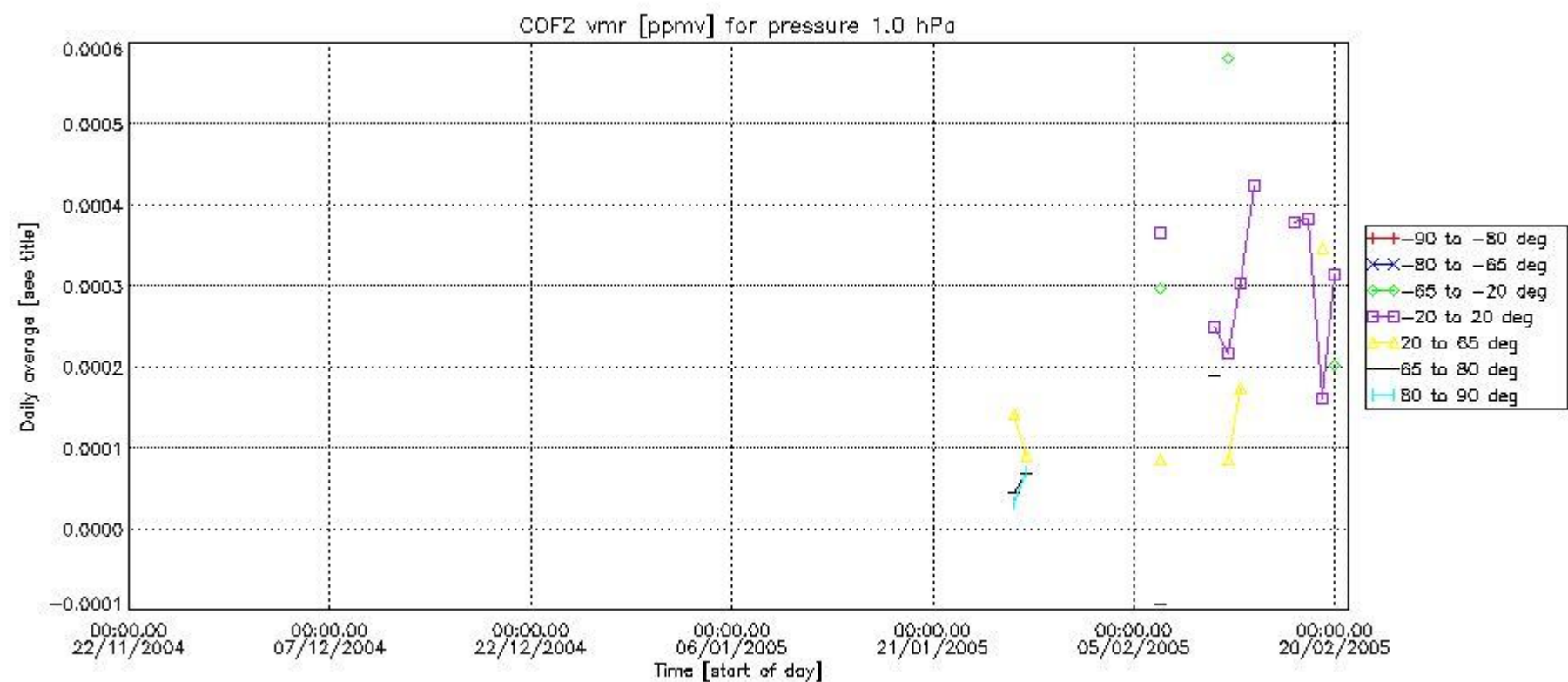


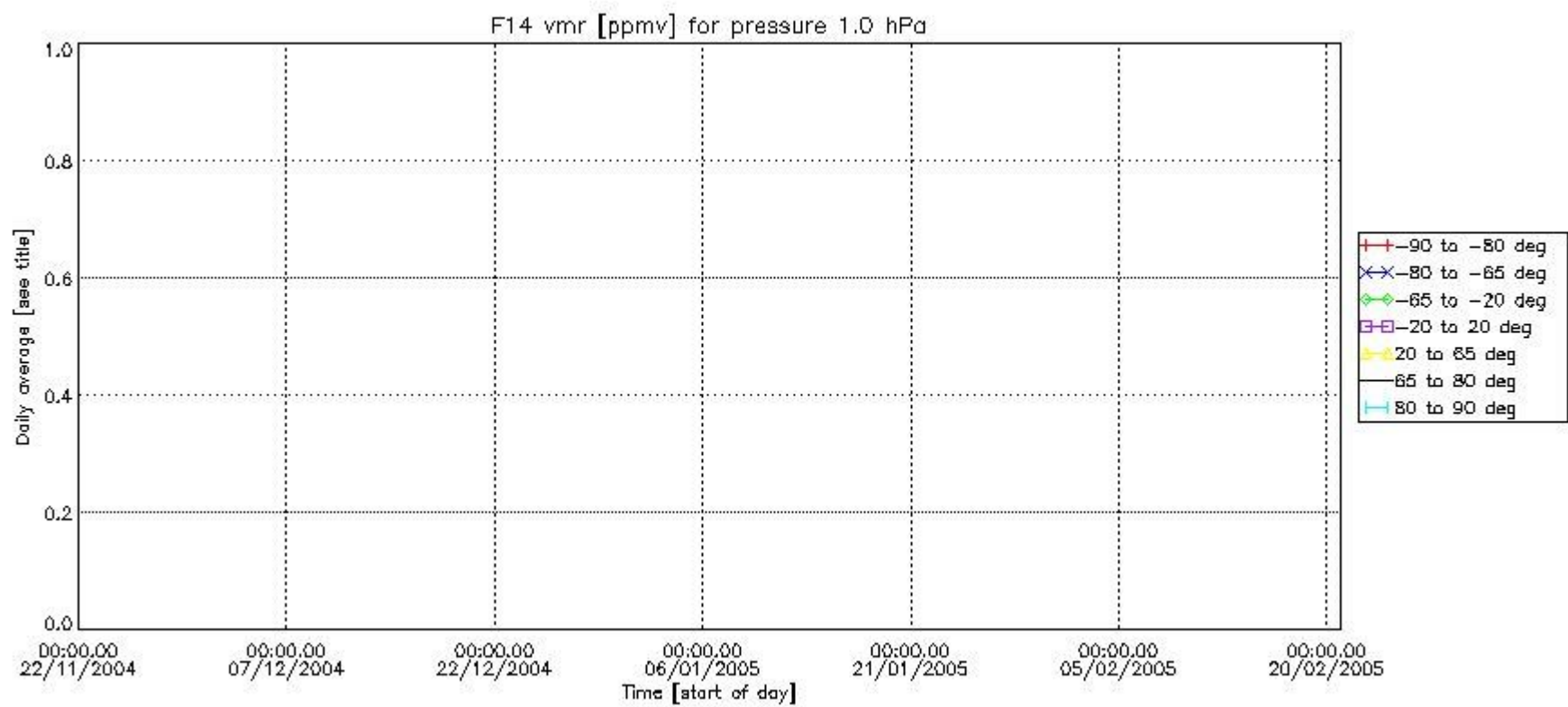
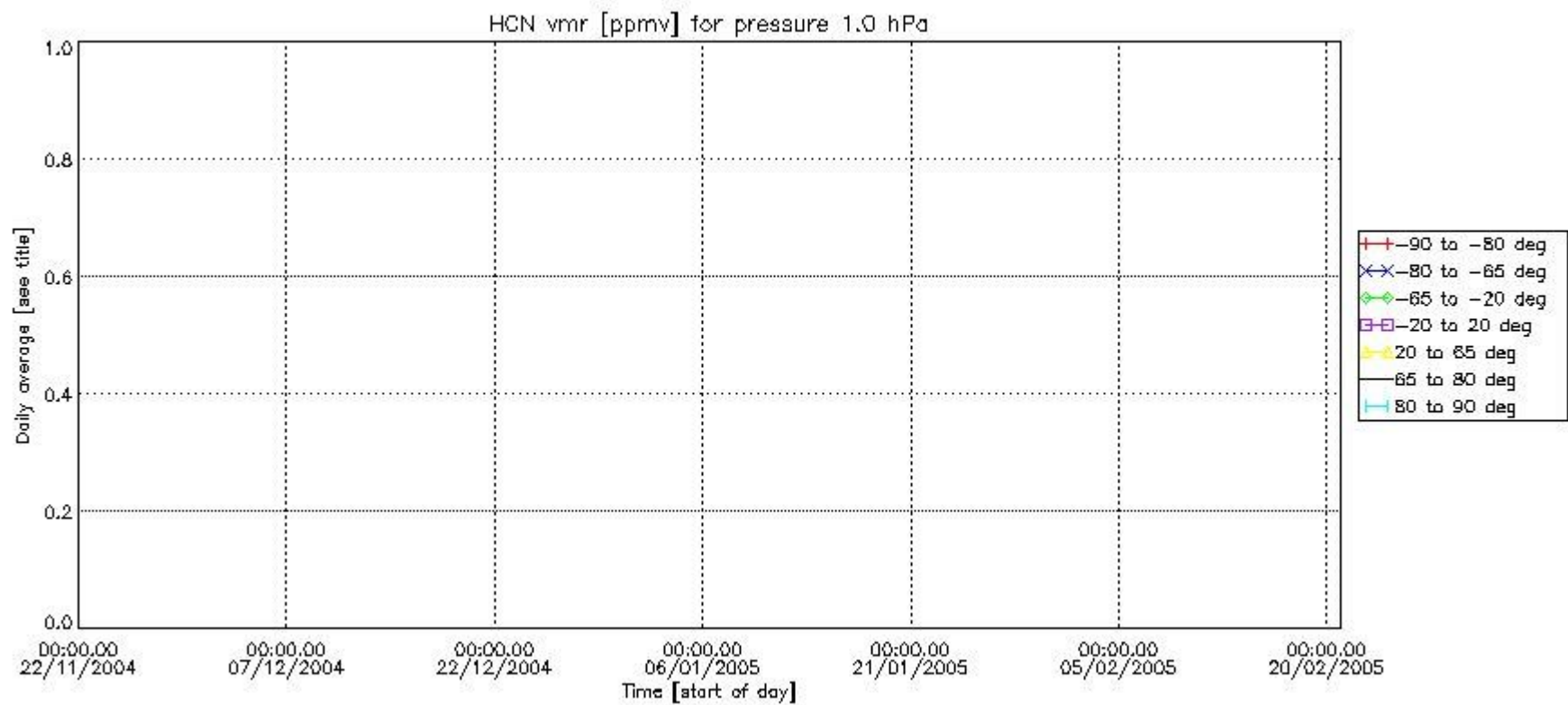


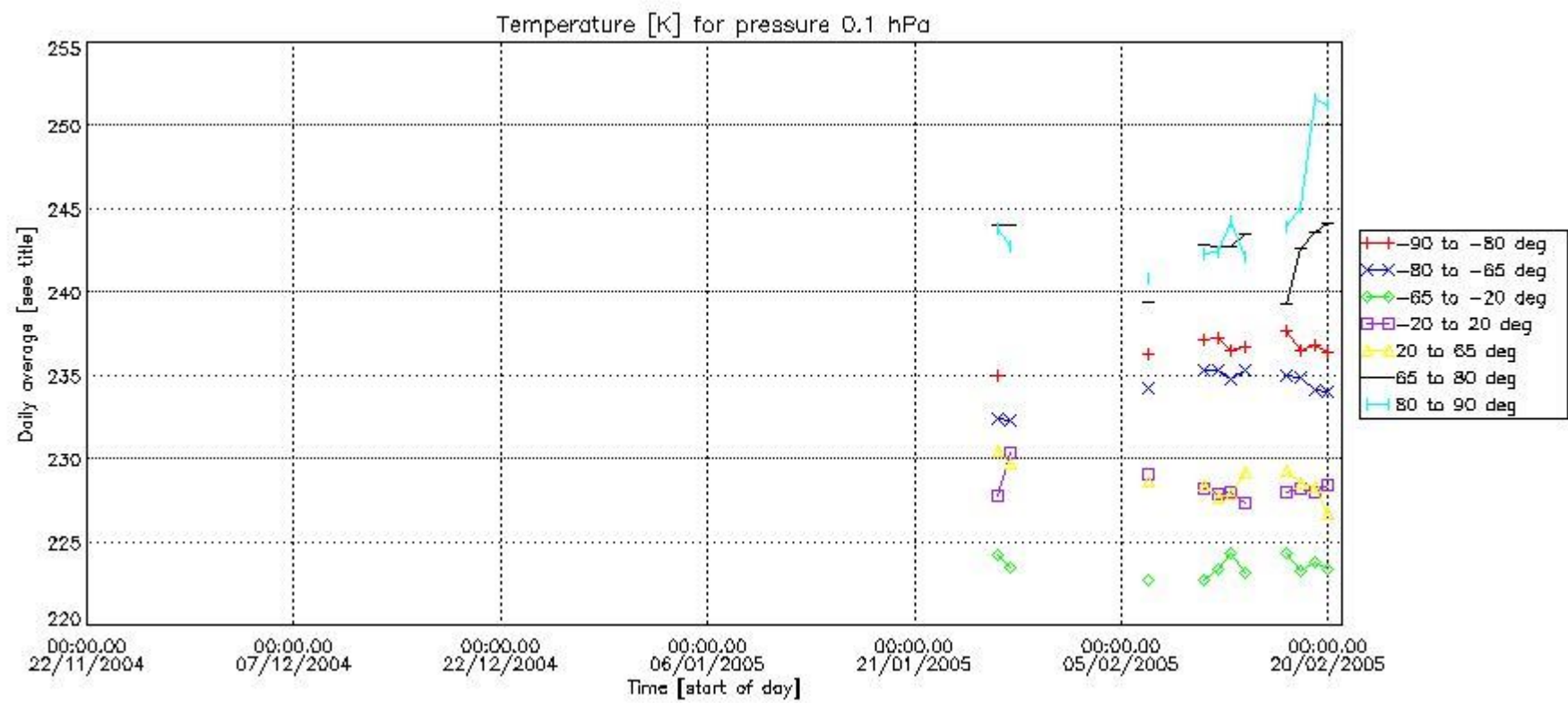
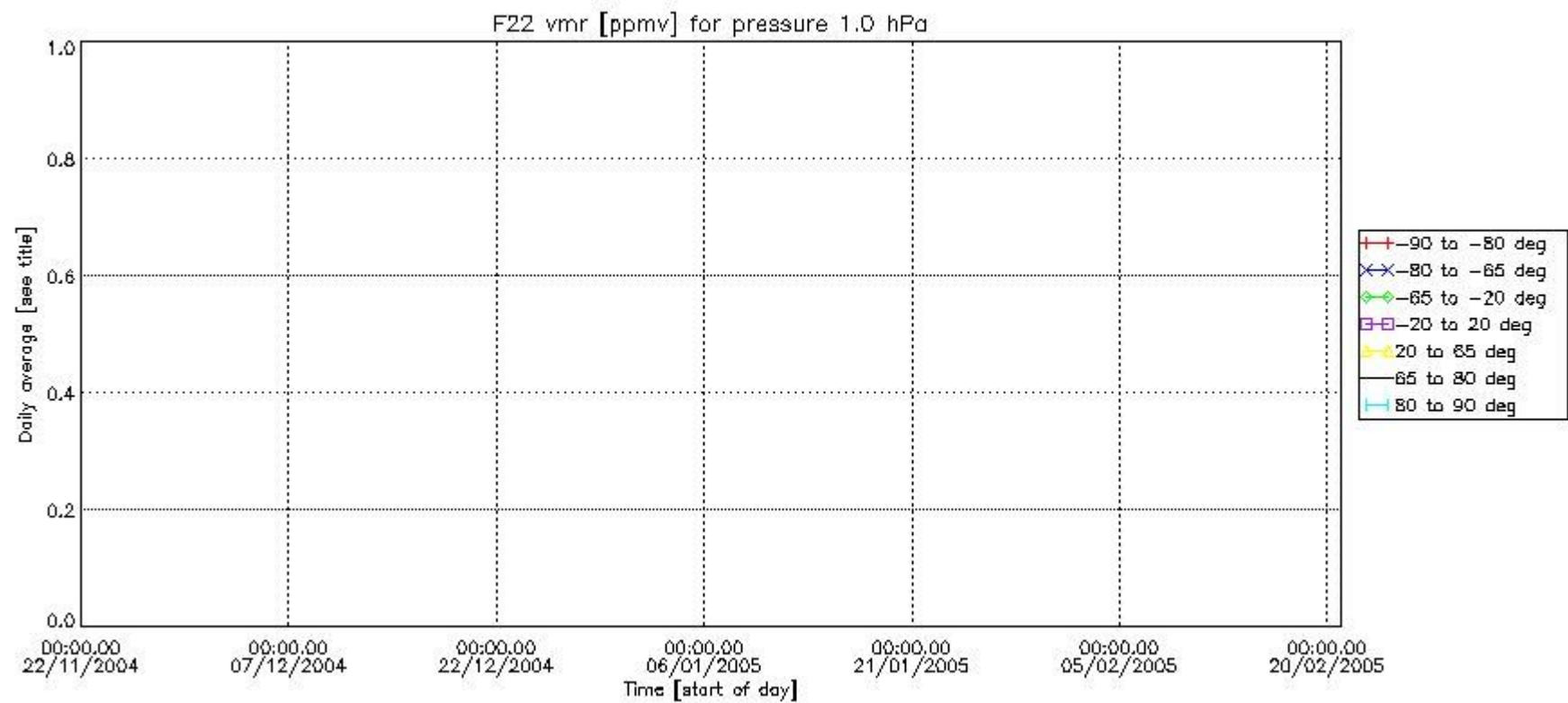


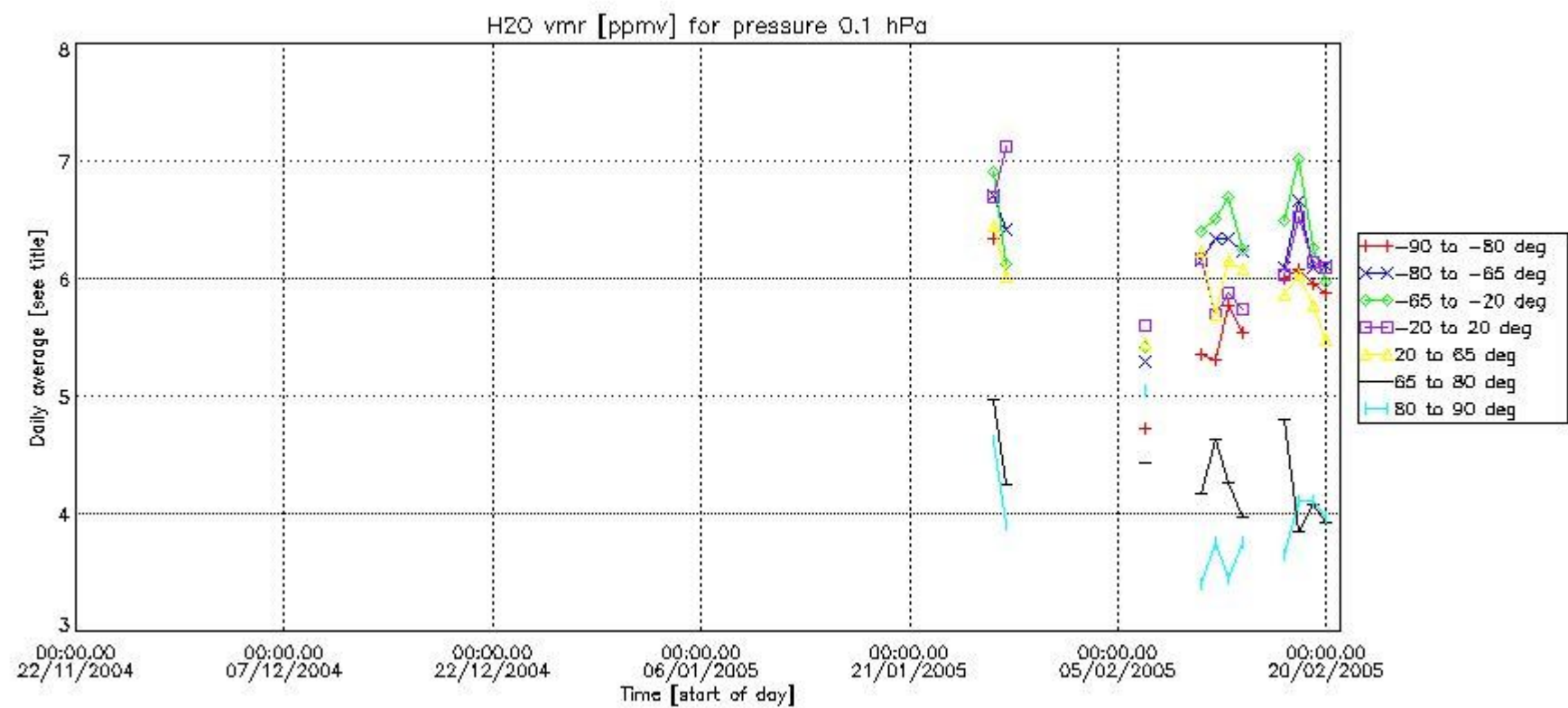
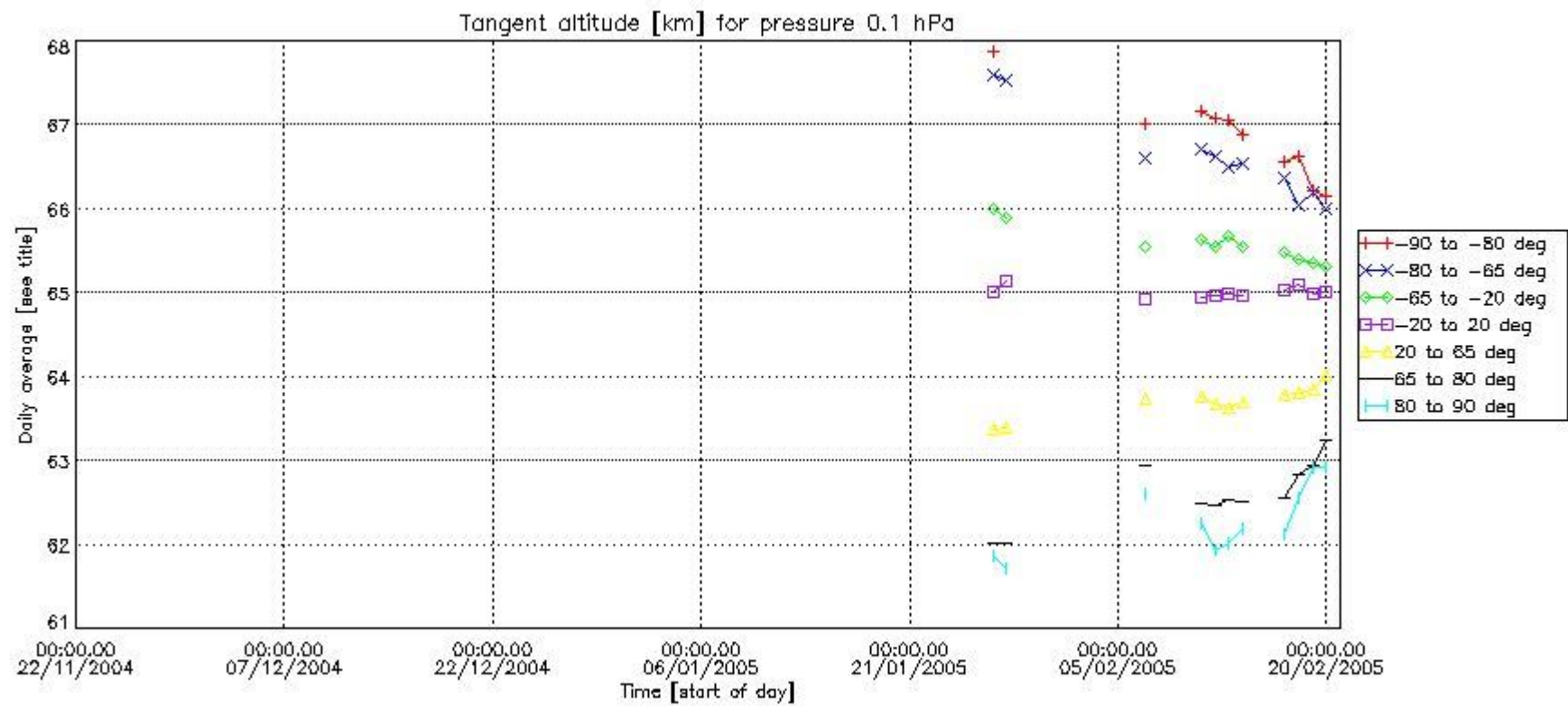


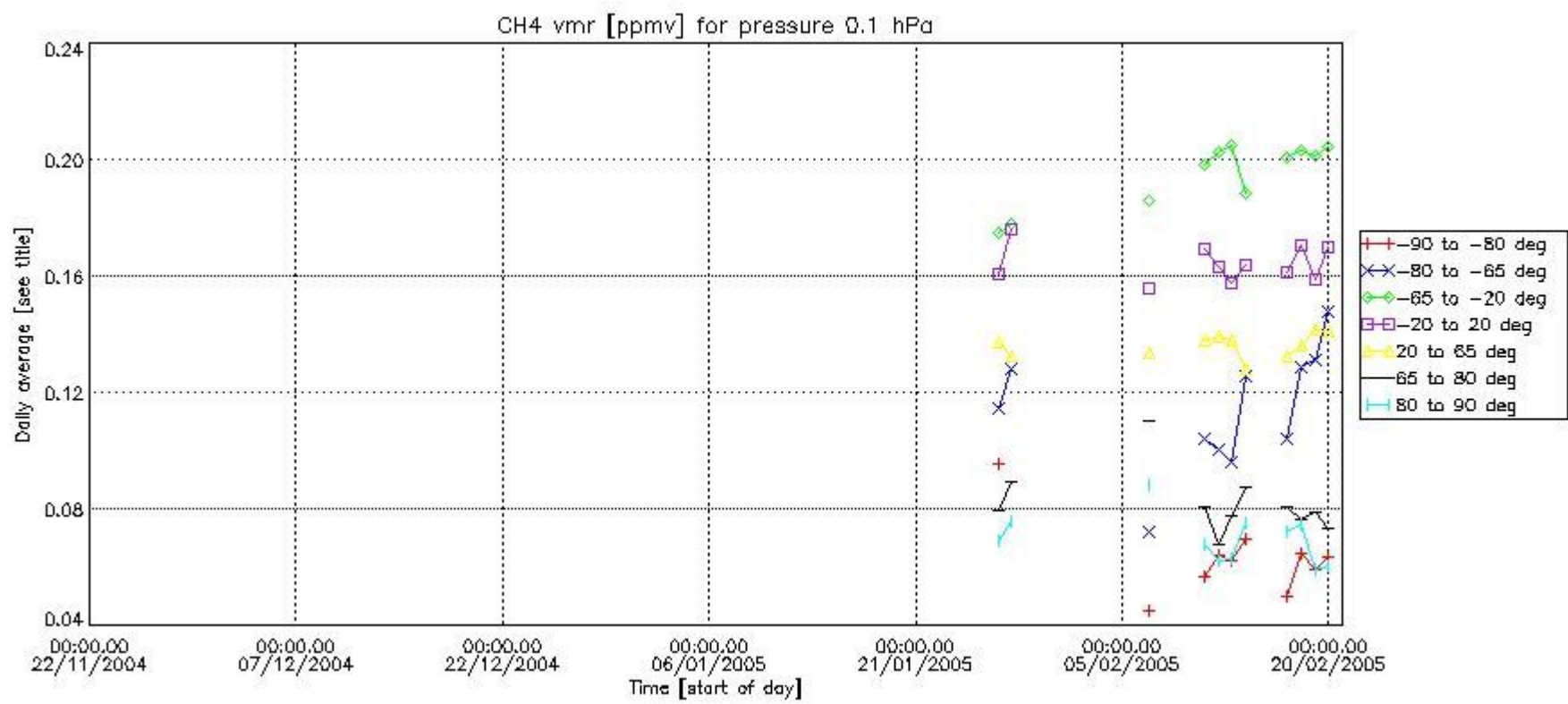
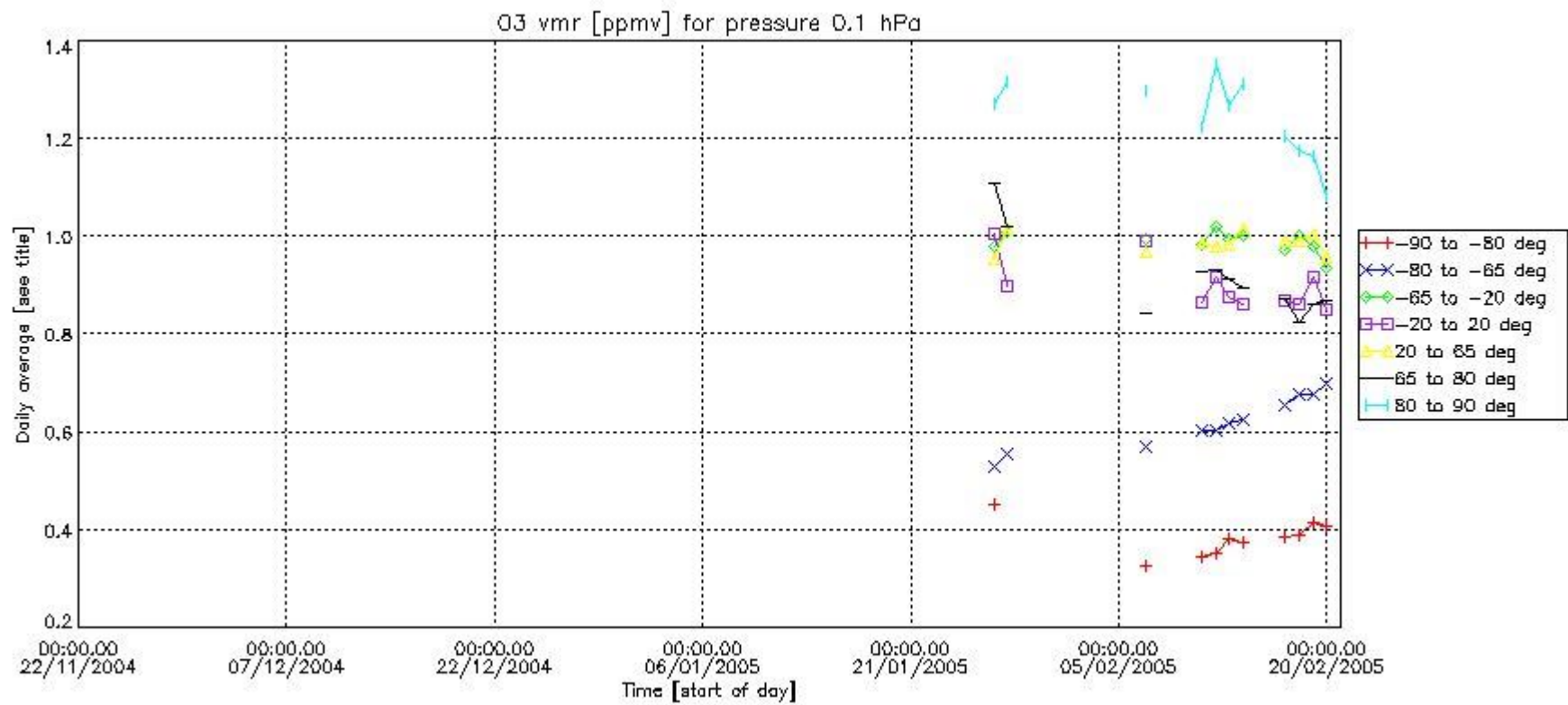


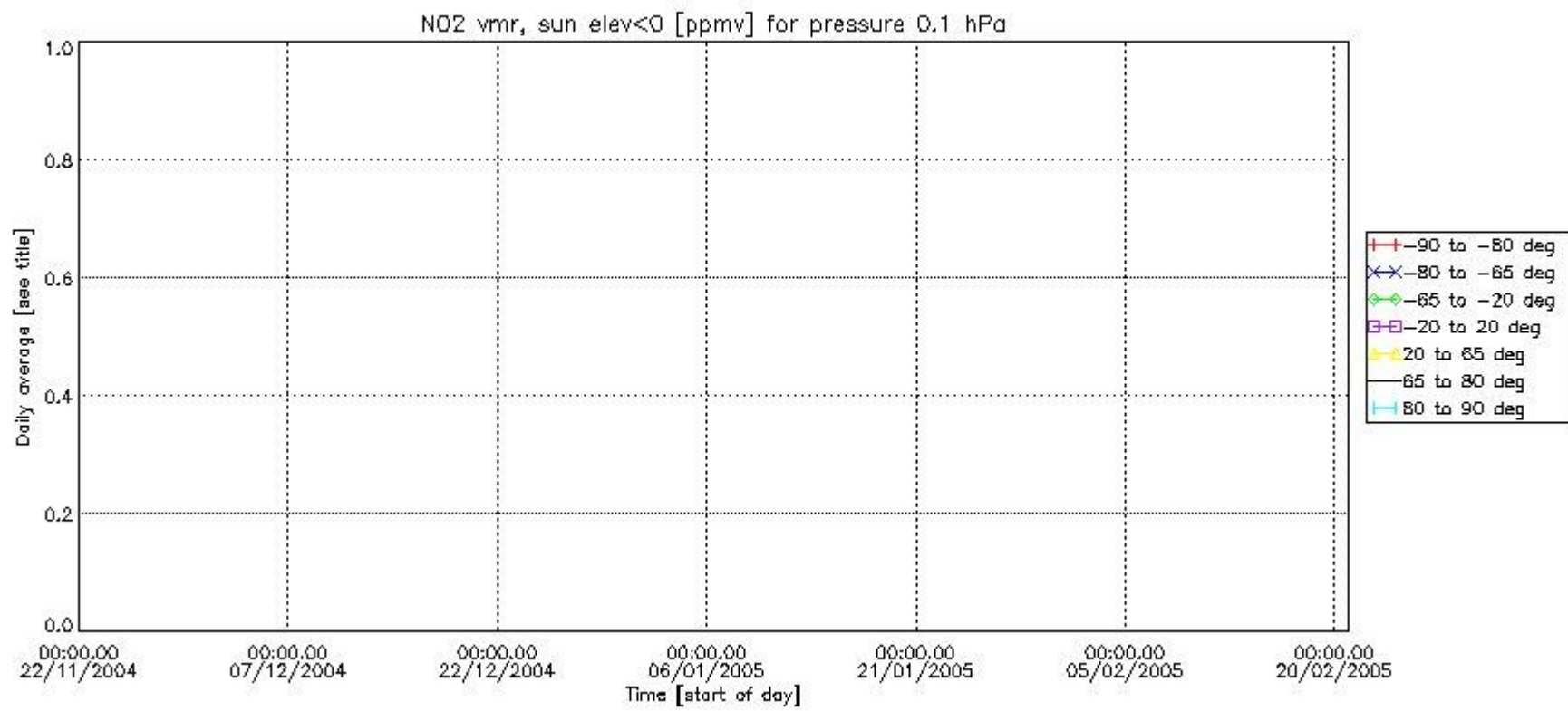
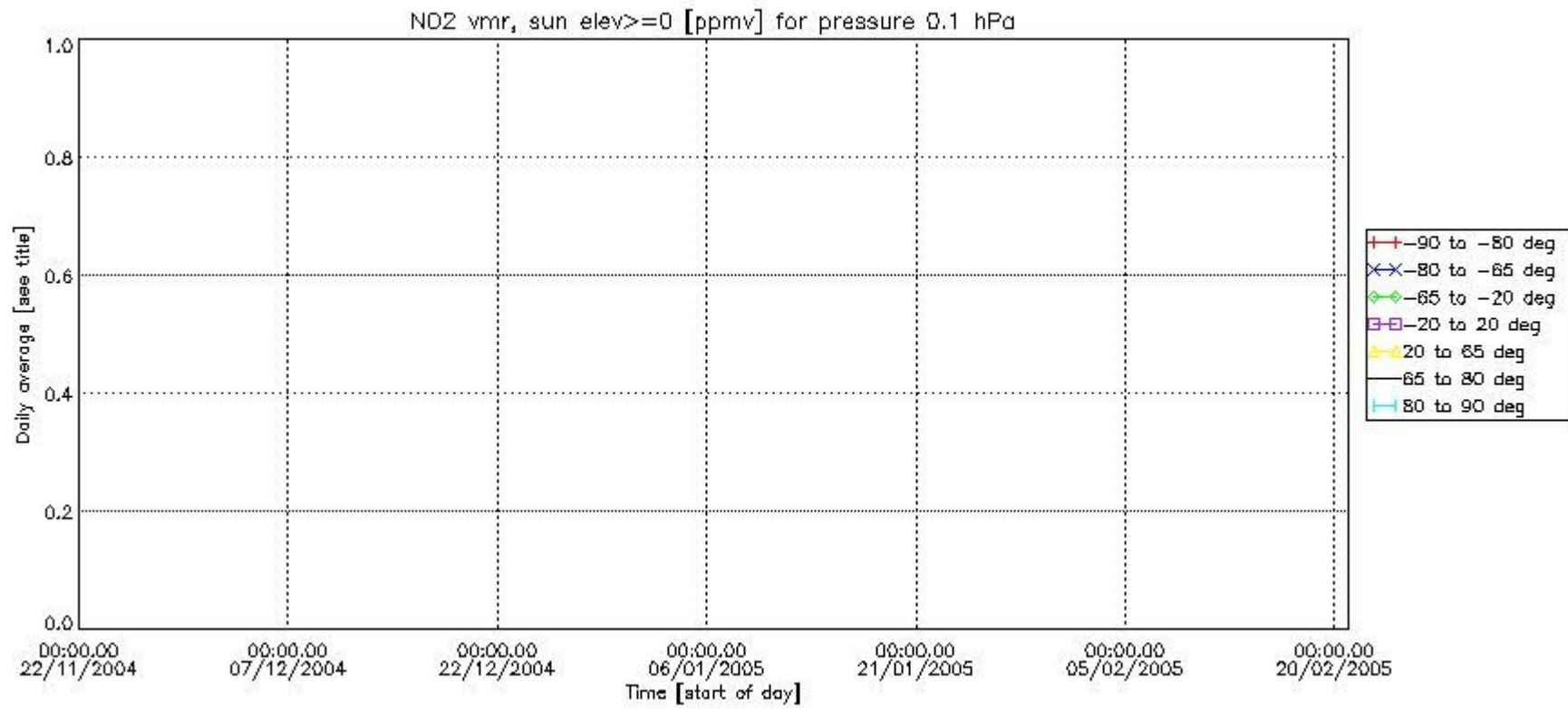




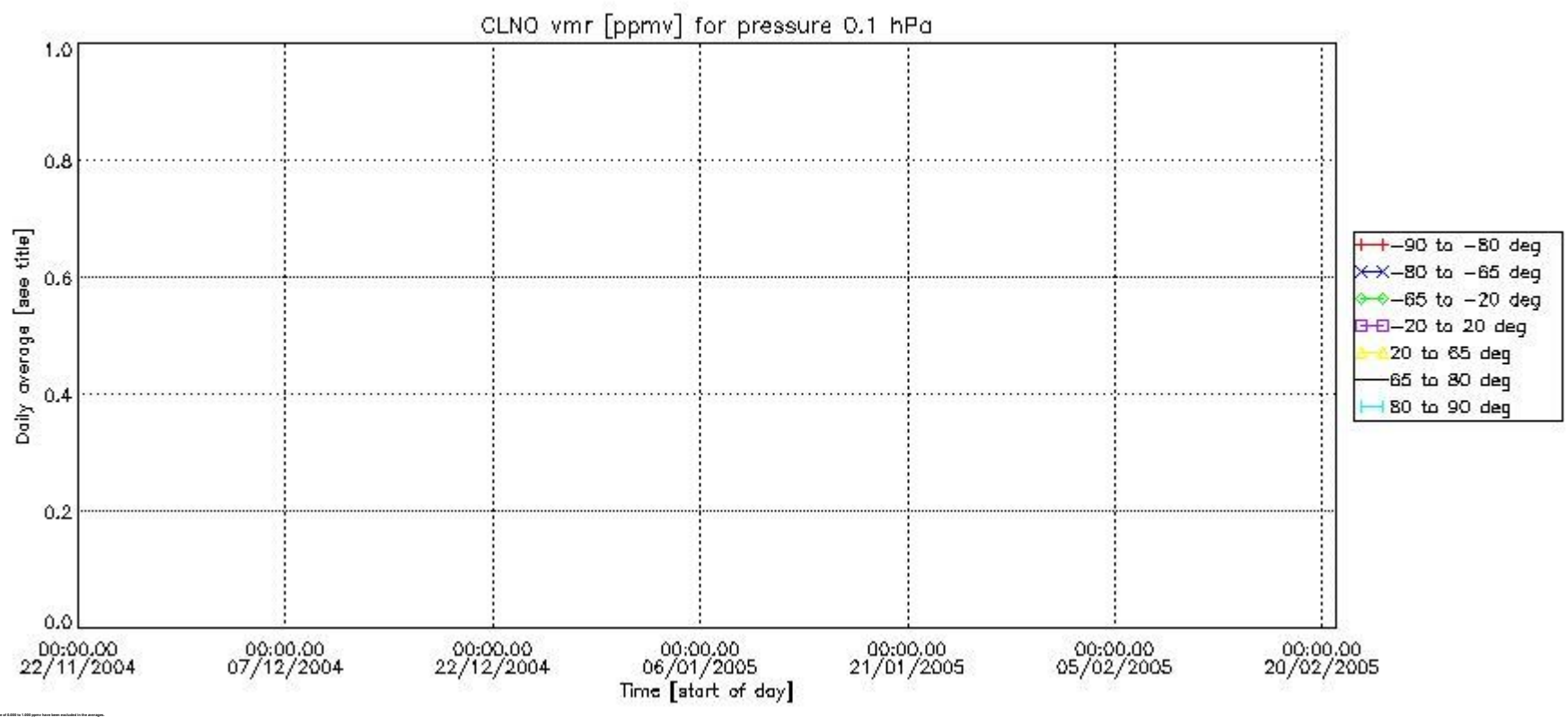
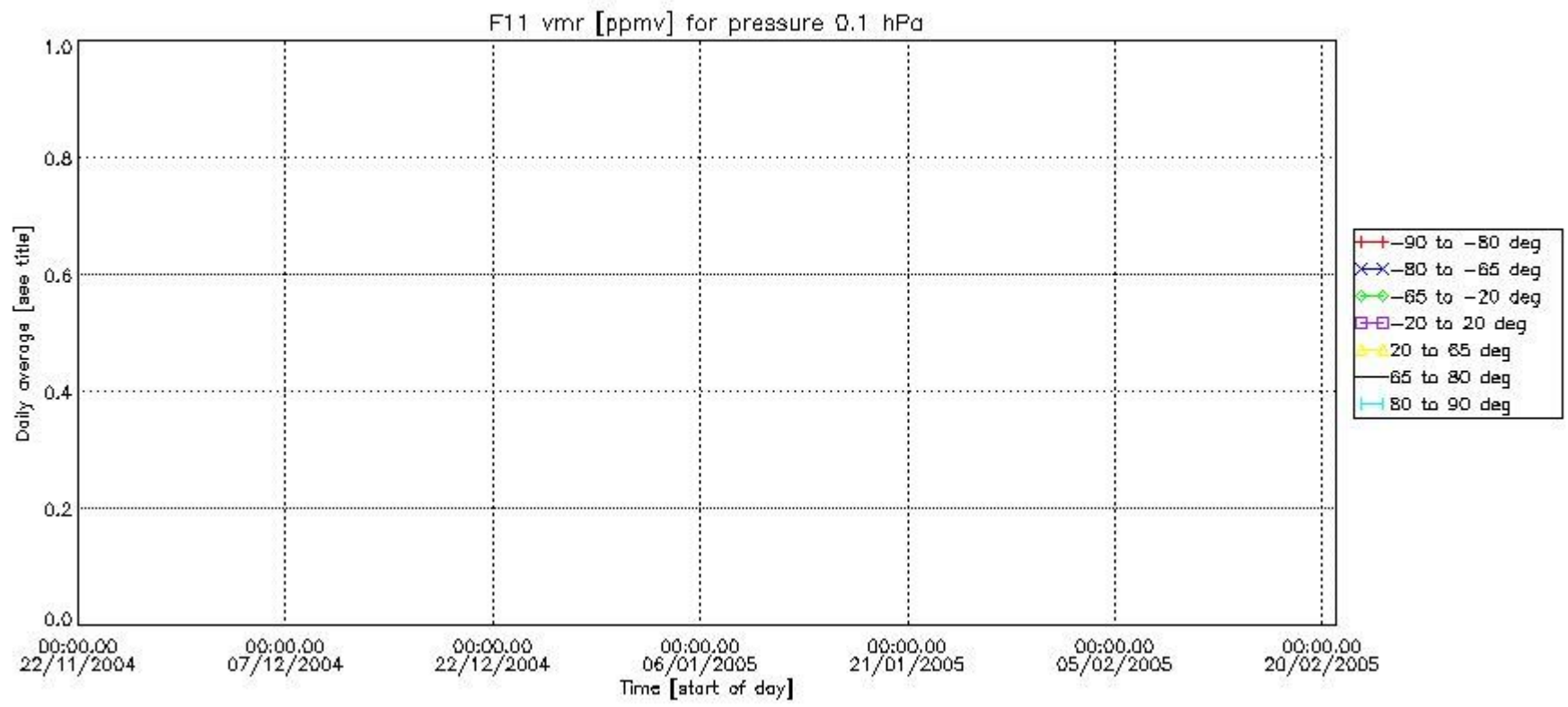


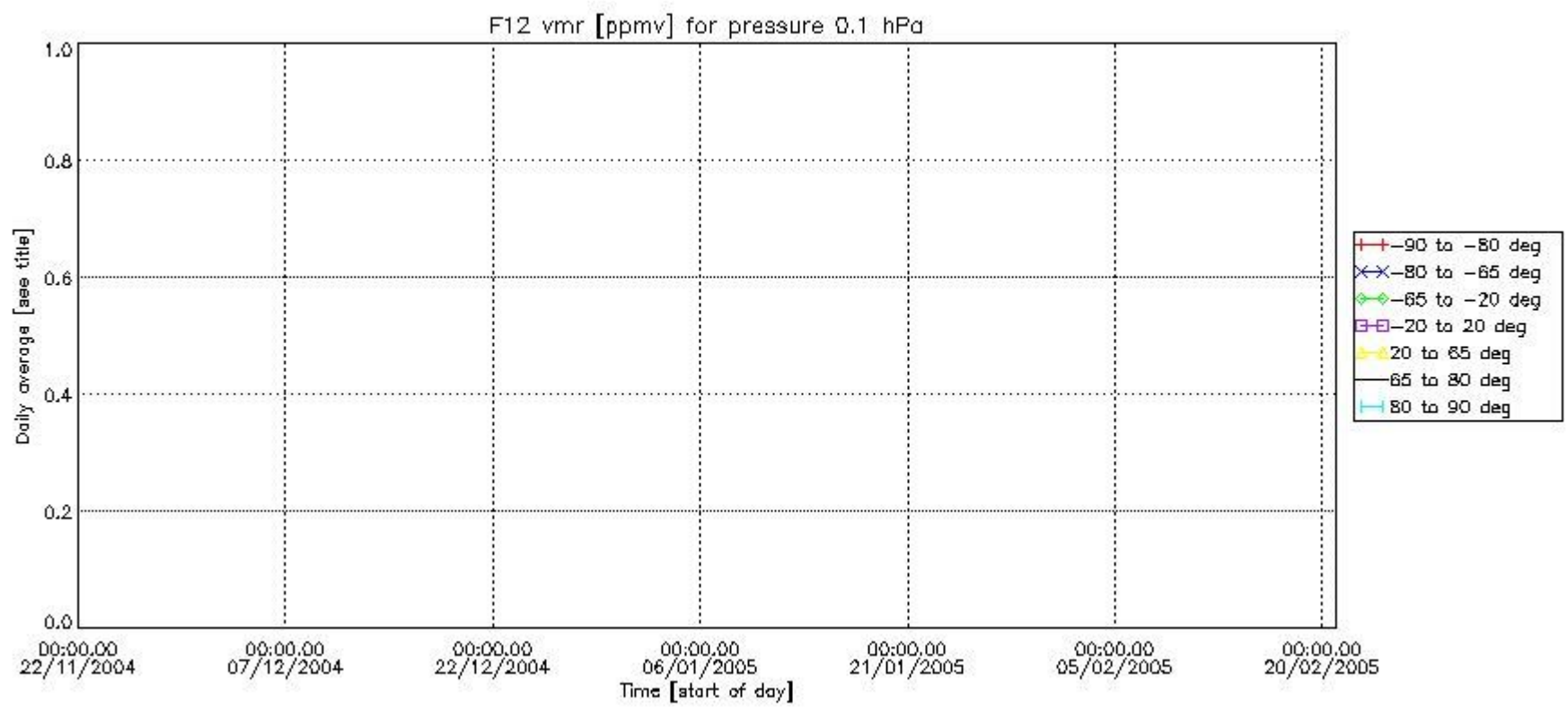
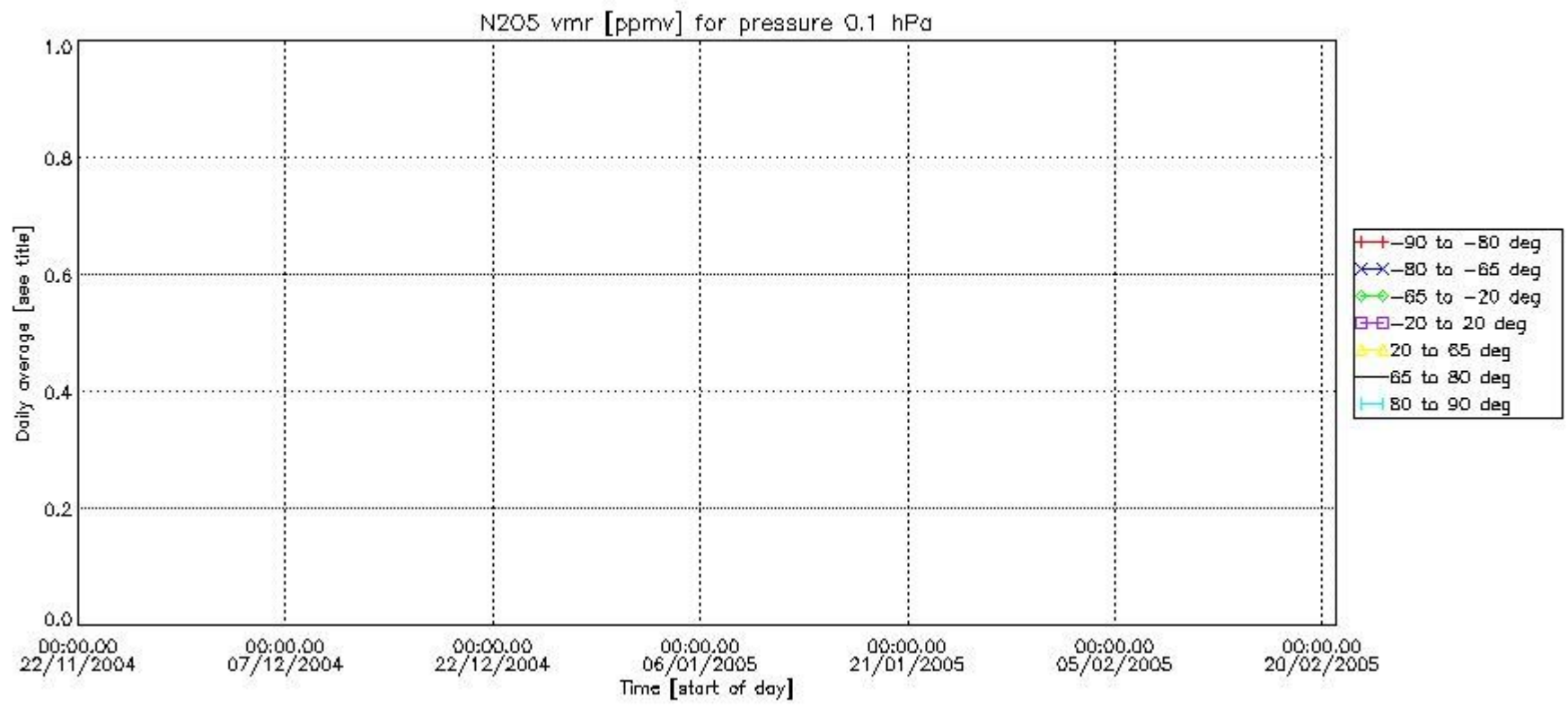


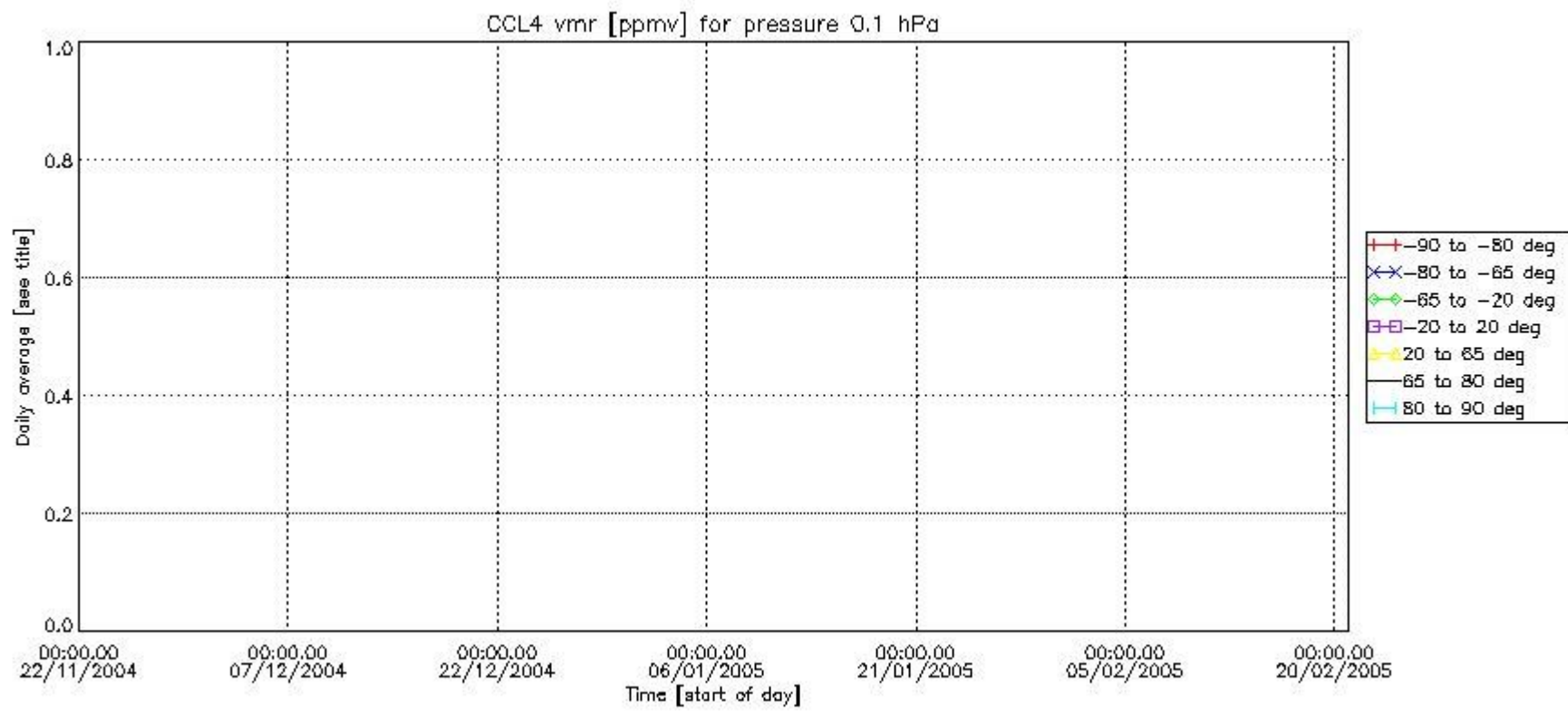
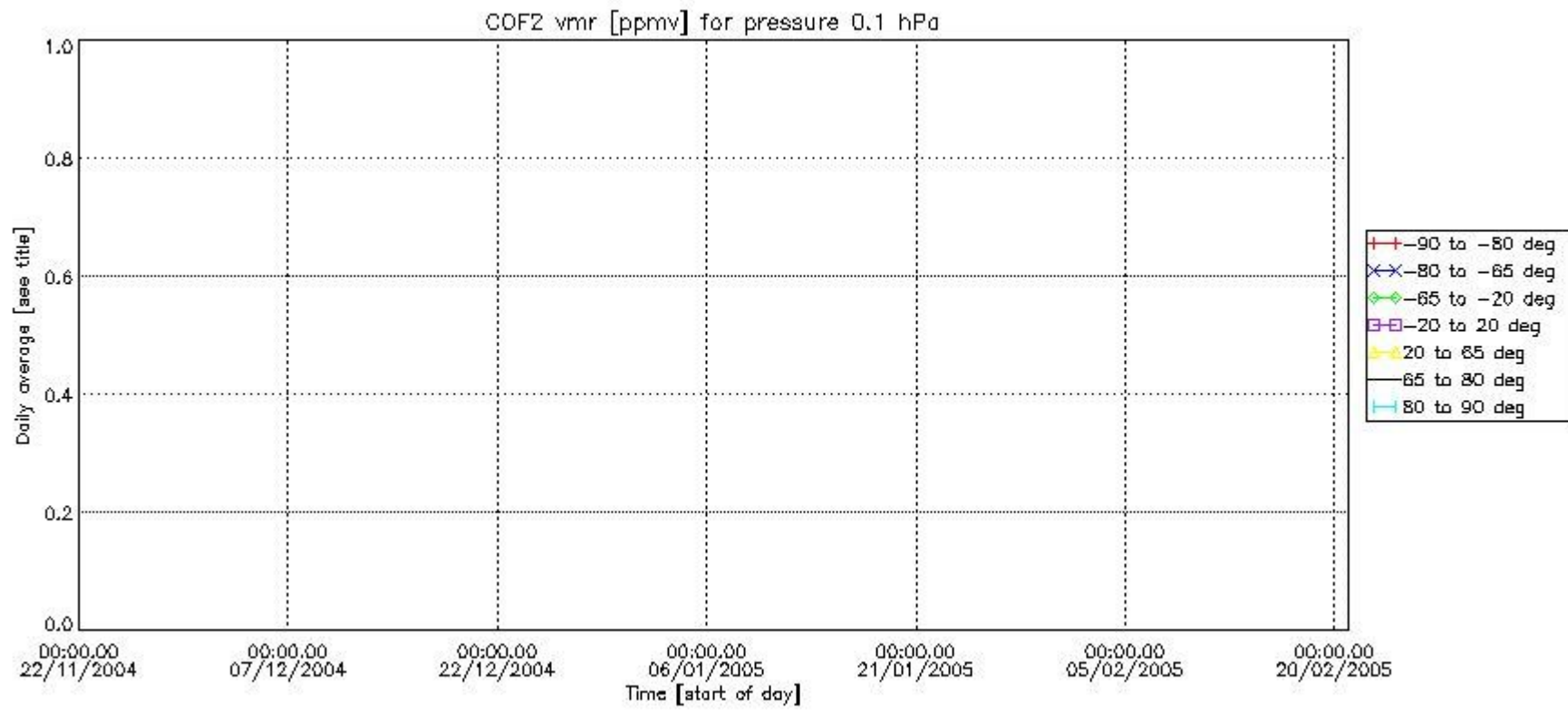


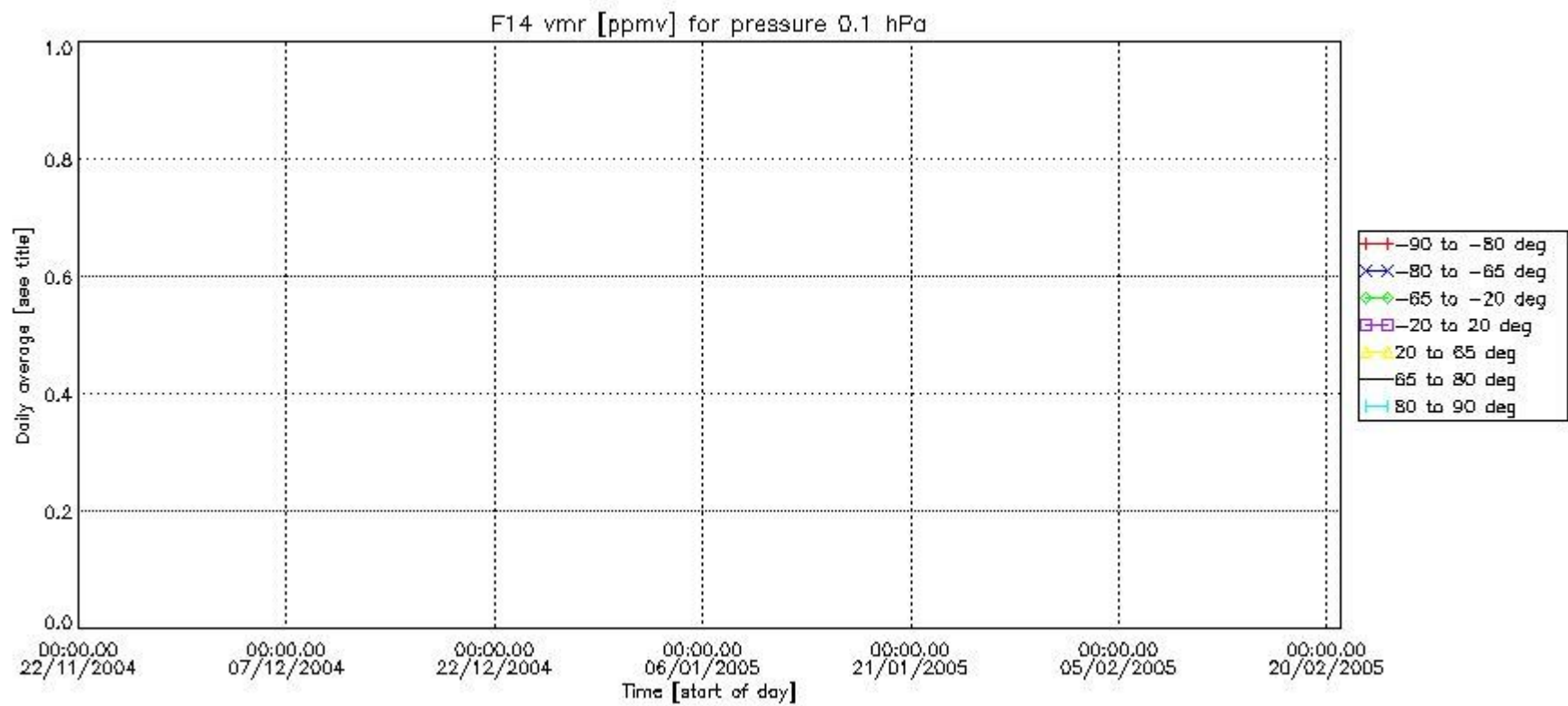
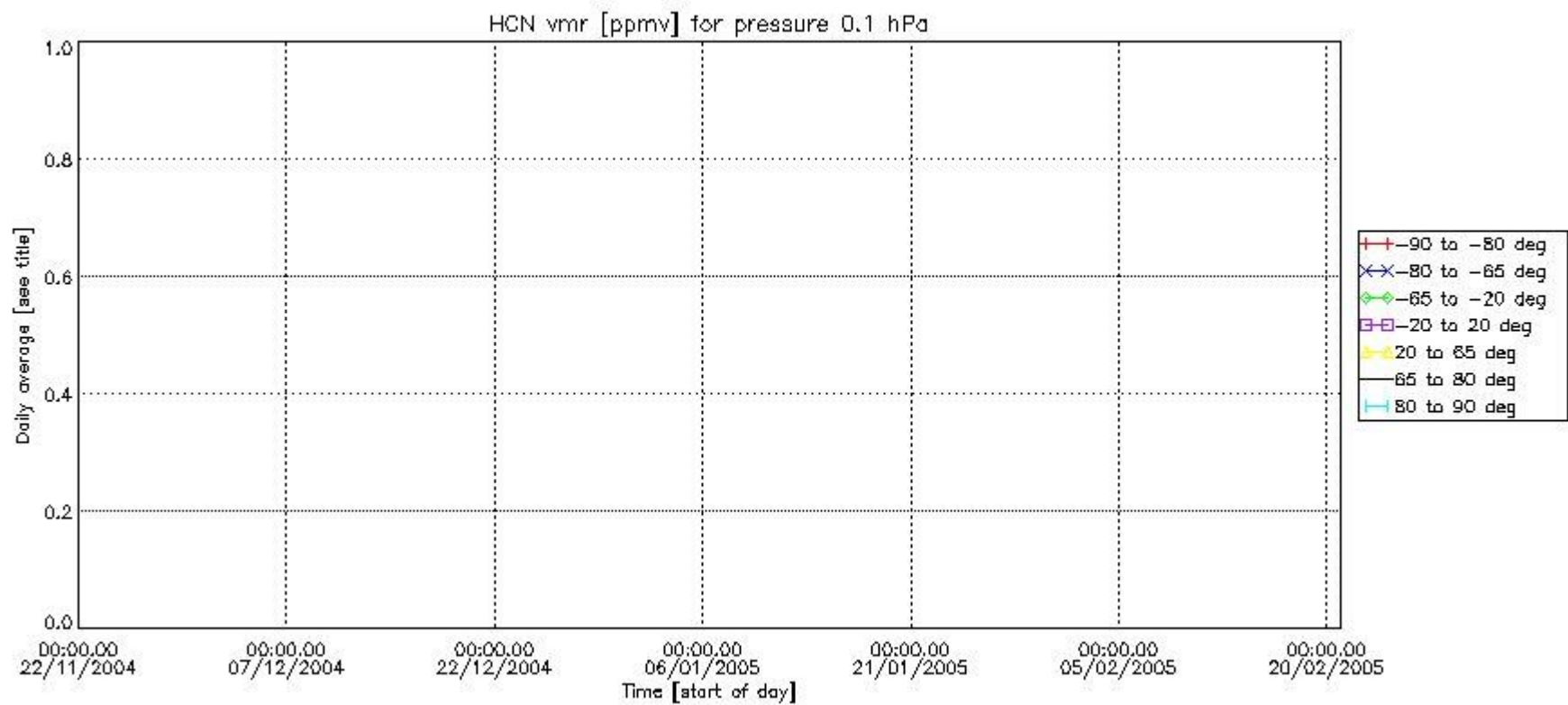


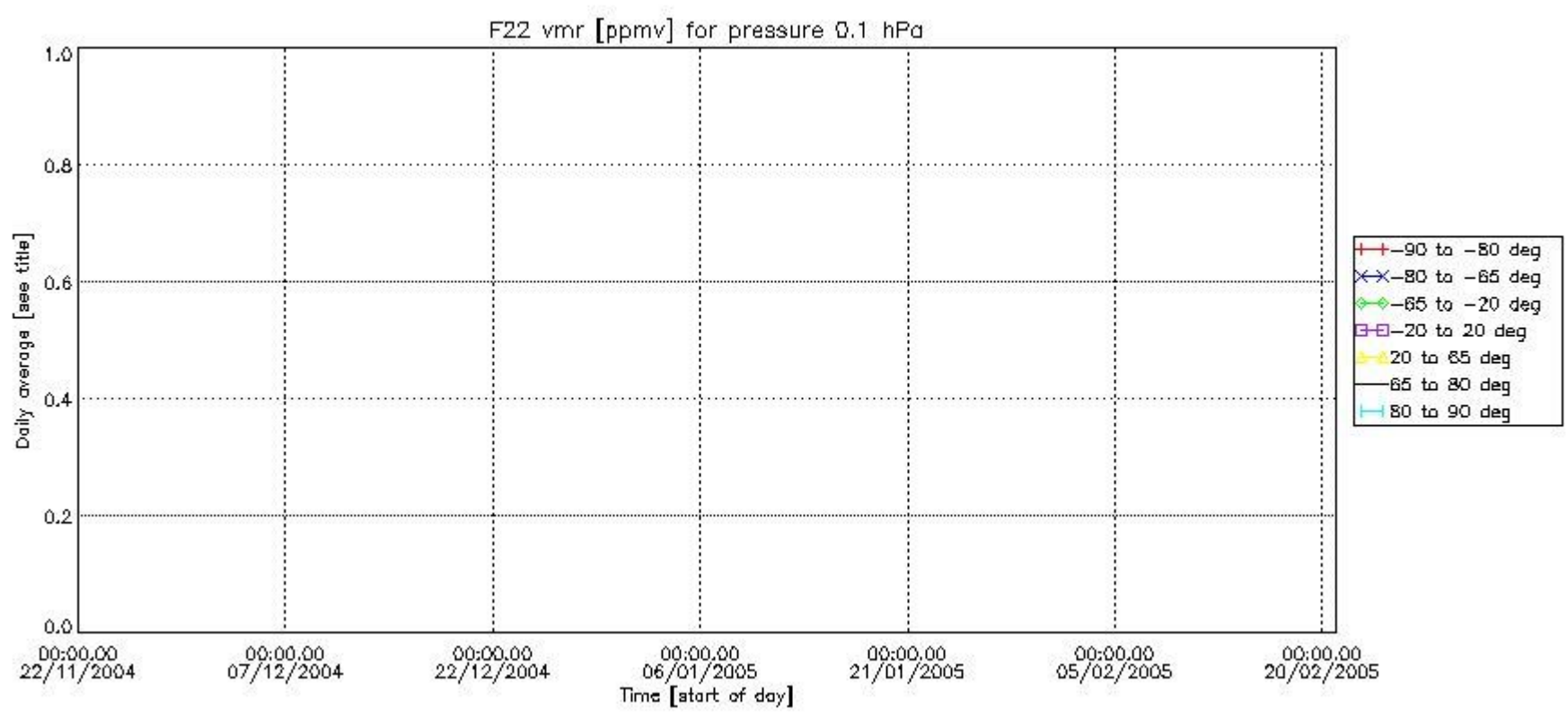












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

