

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20040812.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	19APR2016 22:45:29
Data source version	ML2PP/7.03-W
Processing scope for products	12AUG2004 00:00:00 to 13AUG2004 00:00:00
Start time of first product within scope	11AUG2004 23:37:36
Stop time of last product within scope	13AUG2004 00:37:19
Total number of level 2 products	15
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.

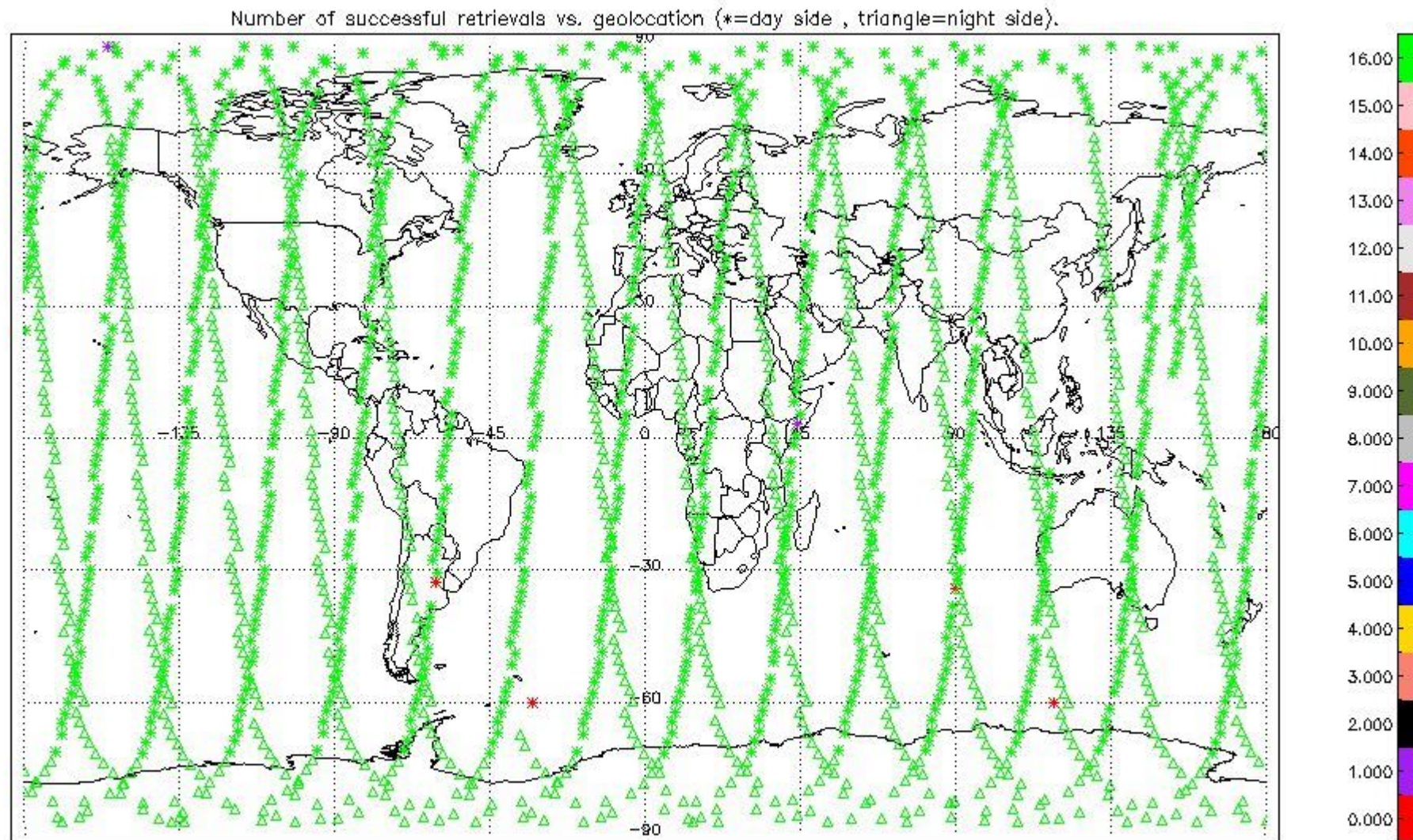
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20040811_233736_000053612029_00231_12810_1000.N1	11AUG2004 23:37:36	12AUG2004 01:06:56	0	130/130	VMR_TERM_MACRO_MICRO[CCL4/micro:1]
1	MIP_NL__2PWDSI20040812_021739_000024242029_00232_12811_1000.N1	12AUG2004 02:17:39	12AUG2004 02:58:03	0	59/59	
2	MIP_NL__2PWDSI20040812_025849_000060242029_00233_12812_1000.N1	12AUG2004 02:58:49	12AUG2004 04:39:13	0	147/146	
3	MIP_NL__2PWDSI20040812_043919_000060352029_00234_12813_1000.N1	12AUG2004 04:39:19	12AUG2004 06:19:55	0	147/147	VMR_TERM_MACRO_MICRO[CCL4/micro:1]
4	MIP_NL__2PWDSI20040812_062001_000060252029_00235_12814_1000.N1	12AUG2004 06:20:01	12AUG2004 08:00:26	0	146/146	P_T_TERM_MACRO_MICRO[macro:1]
5	MIP_NL__2PWDSI20040812_080032_000060362029_00236_12815_1000.N1	12AUG2004 08:00:32	12AUG2004 09:41:08	0	147/147	VMR_TERM_MACRO_MICRO[F11/macro:1; HCN/macro:2; CCL4/micro:1]
6	MIP_NL__2PWDSI20040812_094114_000060362029_00237_12816_1000.N1	12AUG2004 09:41:14	12AUG2004 11:21:50	0	147/147	VMR_TERM_MACRO_MICRO[CLNO/micro:2]
7	MIP_NL__2PWDSI20040812_112156_000060252029_00238_12817_1000.N1	12AUG2004 11:21:56	12AUG2004 13:02:22	0	146/146	VMR_TERM_MACRO_MICRO[NO2/micro:3; HCN/micro:2; F14/micro:1]
8	MIP_NL__2PWDSI20040812_130228_000060212029_00239_12818_1000.N1	12AUG2004 13:02:28	12AUG2004 14:42:49	0	147/146	VMR_TERM_MACRO_MICRO[H2O/micro:1]
9	MIP_NL__2PWDSI20040812_144255_000060352029_00240_12819_1000.N1	12AUG2004 14:42:55	12AUG2004 16:23:30	0	147/147	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:3]
10	MIP_NL__2PWDSI20040812_162337_000060252029_00241_12820_1000.N1	12AUG2004 16:23:37	12AUG2004 18:04:02	0	146/146	
11	MIP_NL__2PWDSI20040812_180408_000060362029_00242_12821_1000.N1	12AUG2004 18:04:08	12AUG2004 19:44:43	0	147/147	VMR_TERM_MACRO_MICRO[HCN/micro:2; F14/micro:1]
12	MIP_NL__2PWDSI20040812_194450_000060362029_00243_12822_1000.N1	12AUG2004 19:44:50	12AUG2004 21:25:25	0	147/147	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:3]
13	MIP_NL__2PWDSI20040812_212532_000060252029_00244_12823_1000.N1	12AUG2004 21:25:32	12AUG2004 23:05:57	0	146/146	VMR_TERM_MACRO_MICRO[HCN/micro:1]
14	MIP_NL__2PWDSI20040812_230603_000054762029_00245_12824_1000.N1	12AUG2004 23:06:03	13AUG2004 00:37:19	0	134/133	P_T_TERM_MACRO_MICRO[micro:1], VMR_TERM_MACRO_MICRO[CCL4/micro:1]

## 2.2 Processing performance indicators

## 2.2.1 Successful retrievals

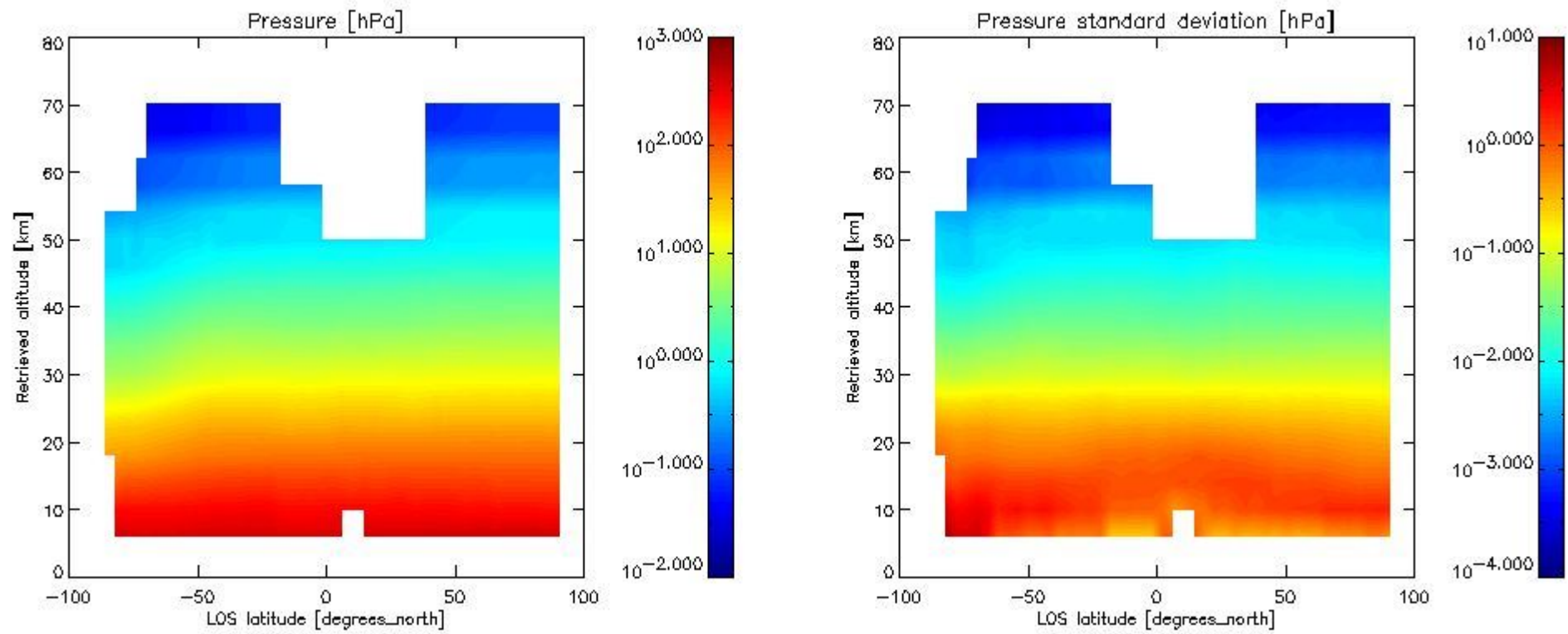
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	2080	1992	95.769
H2O	2080	1990	95.673
O3	2080	1990	95.673
HNO3	2080	1990	95.673
CH4	2080	1990	95.673
N2O	2080	1990	95.673
NO2	2080	1990	95.673
F11	2080	1990	95.673
CLNO	2080	1990	95.673
N2O5	2080	1990	95.673
F12	2080	1990	95.673
COF2	2080	1990	95.673
CCL4	2080	1990	95.673
HCN	2080	1990	95.673
F14	2080	1990	95.673
F22	2080	1990	95.673



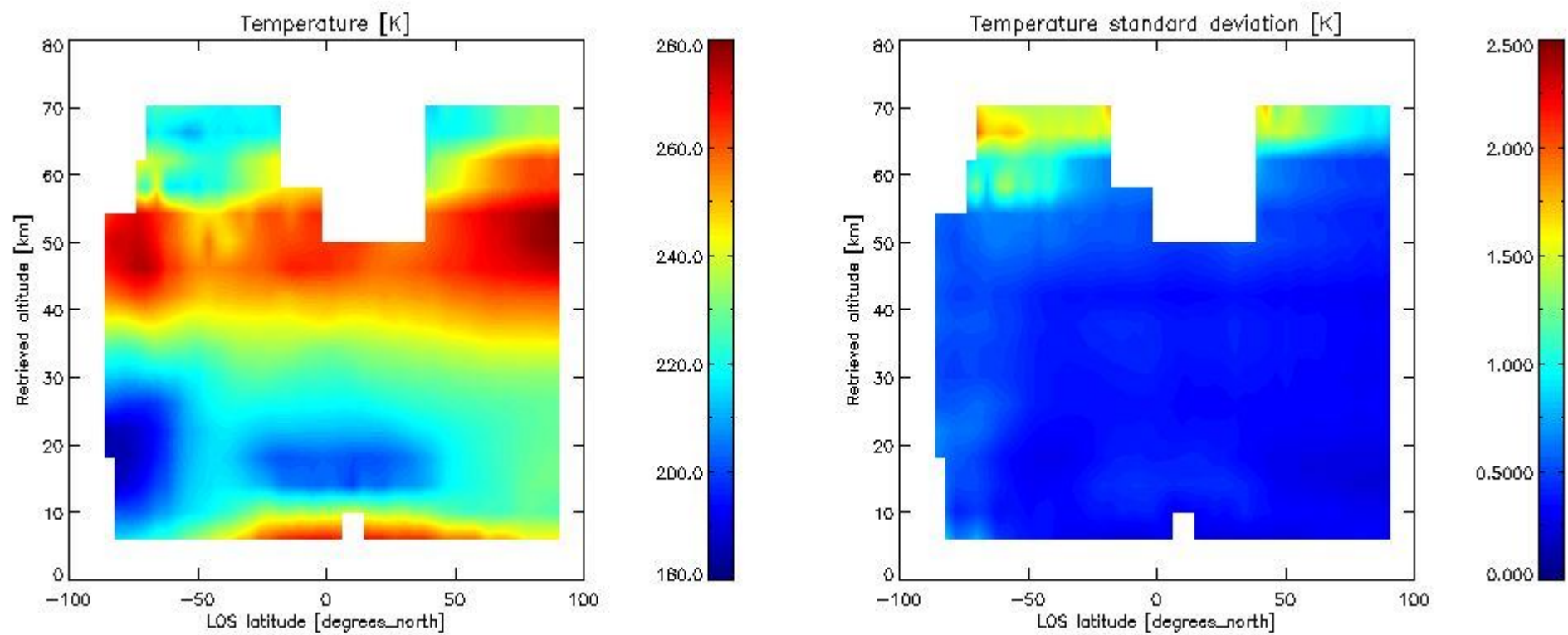
## 2.2.2 Pressure overview

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



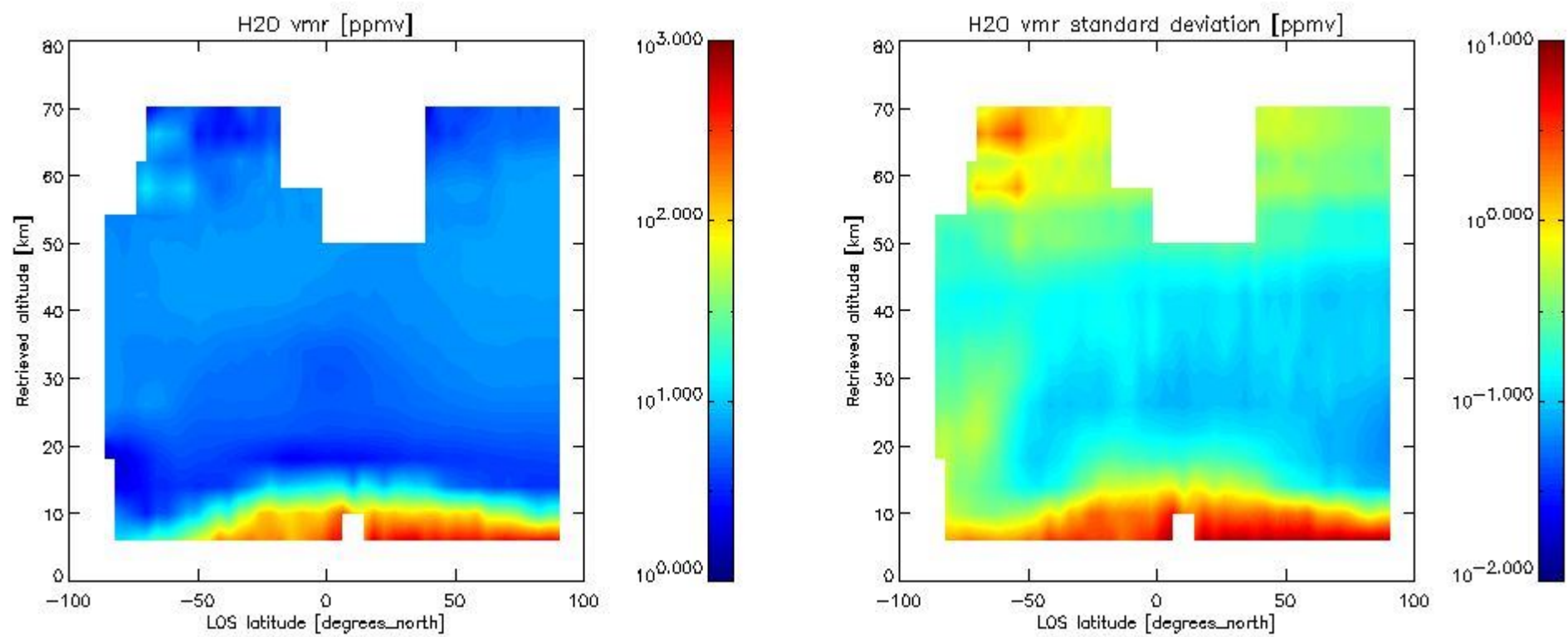
### 2.2.3 Temperature overview

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

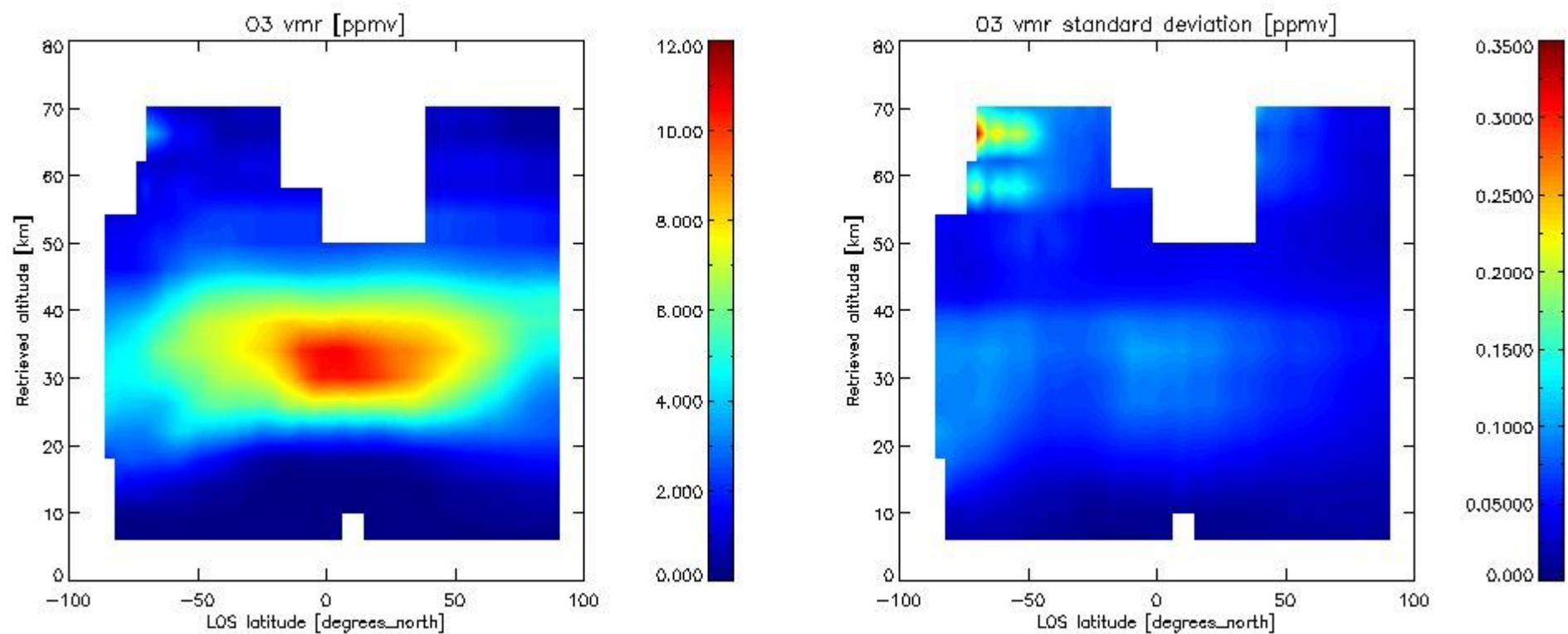


### 2.2.4 Species overview

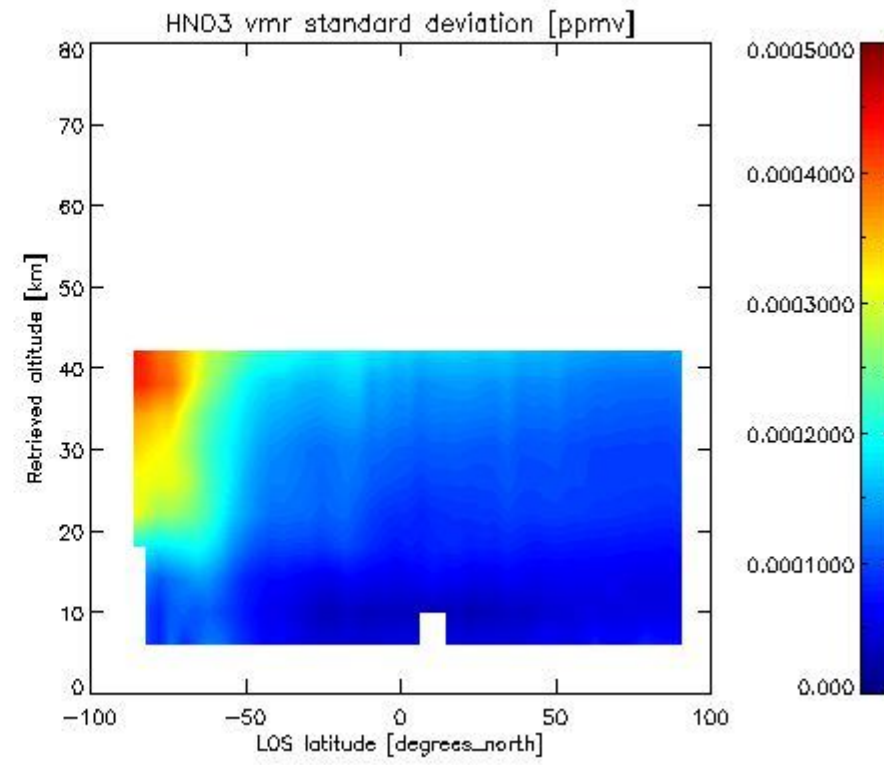
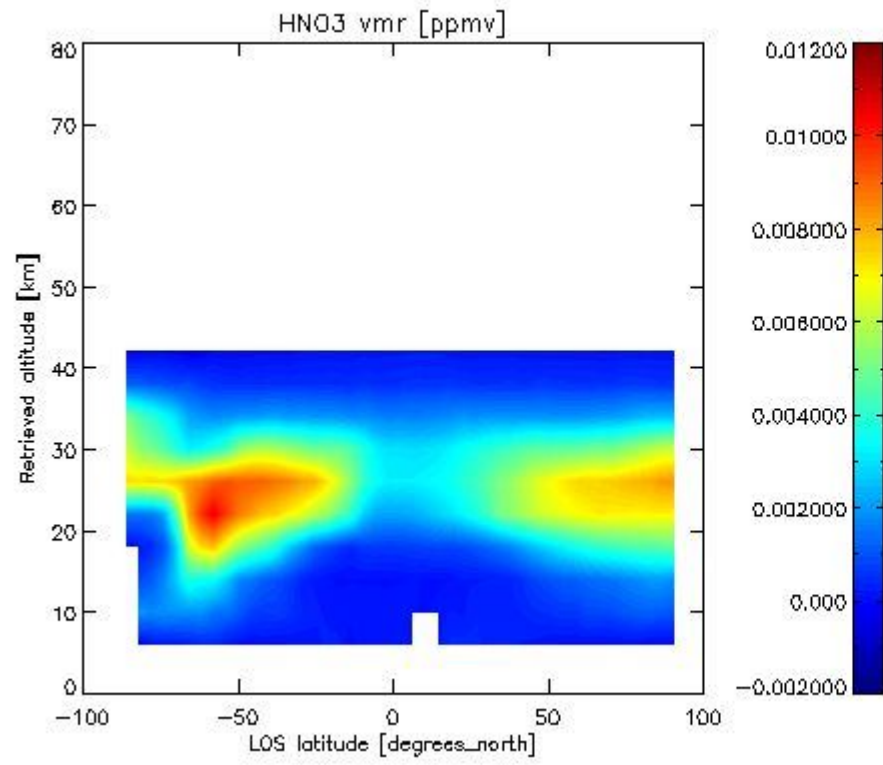
**2.2.4.1 H2O overview** This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



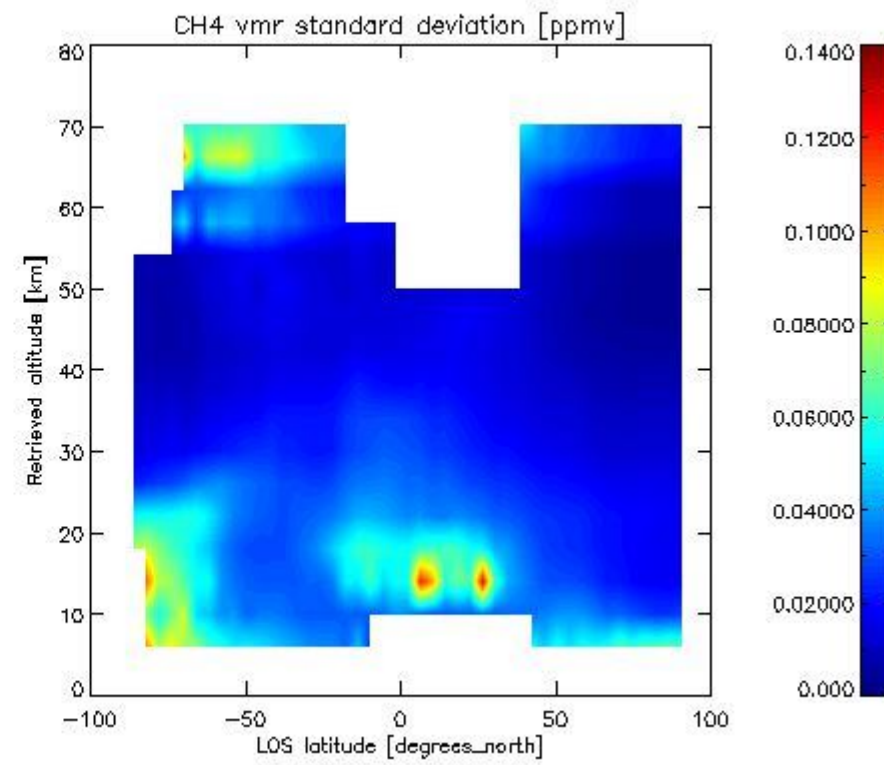
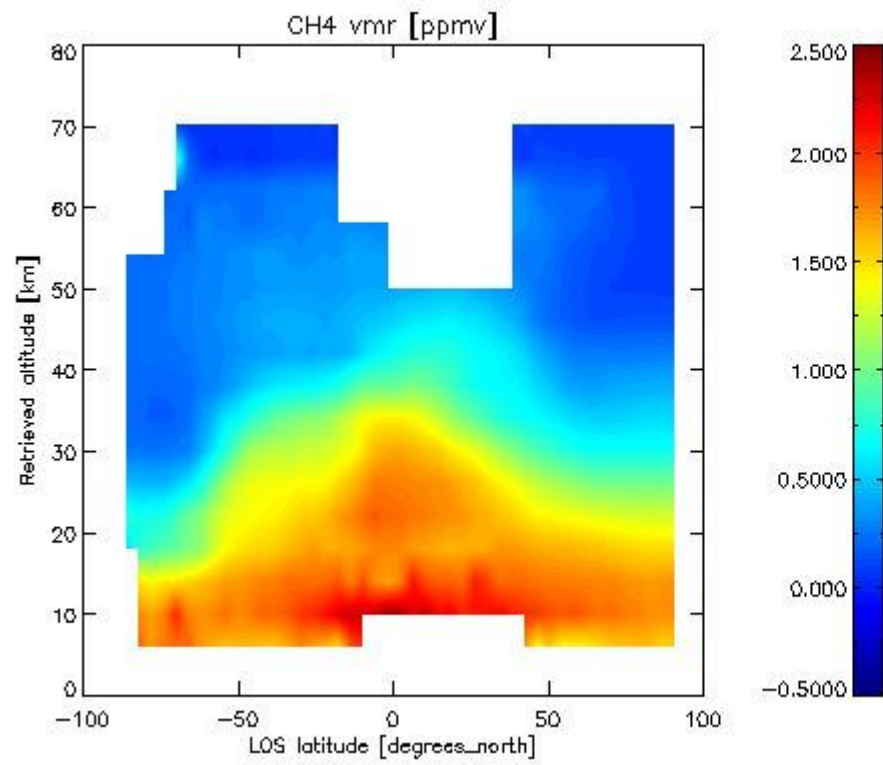
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



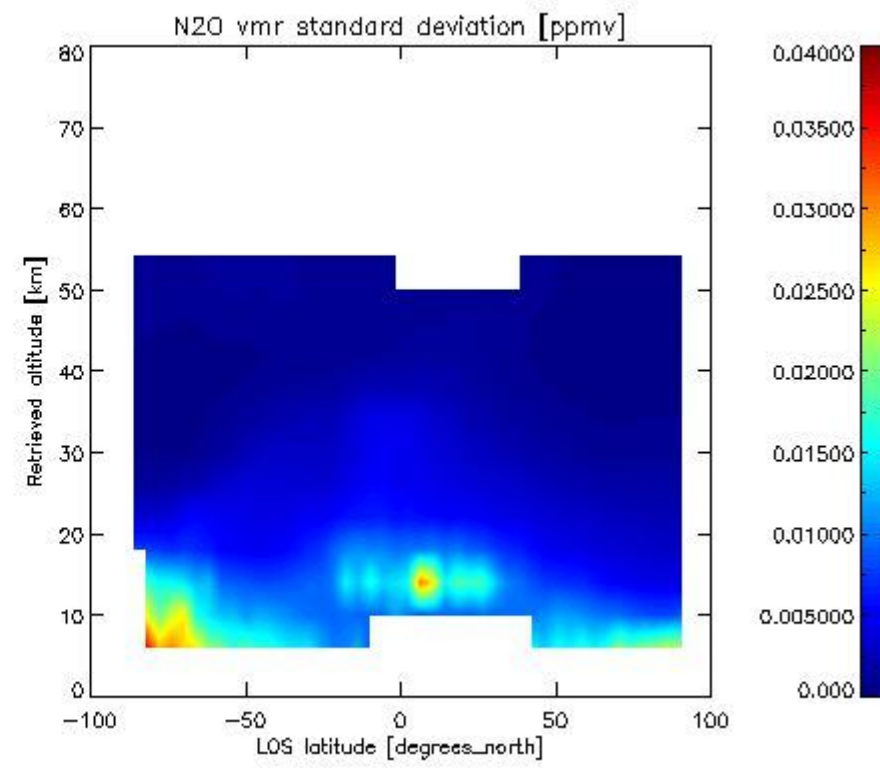
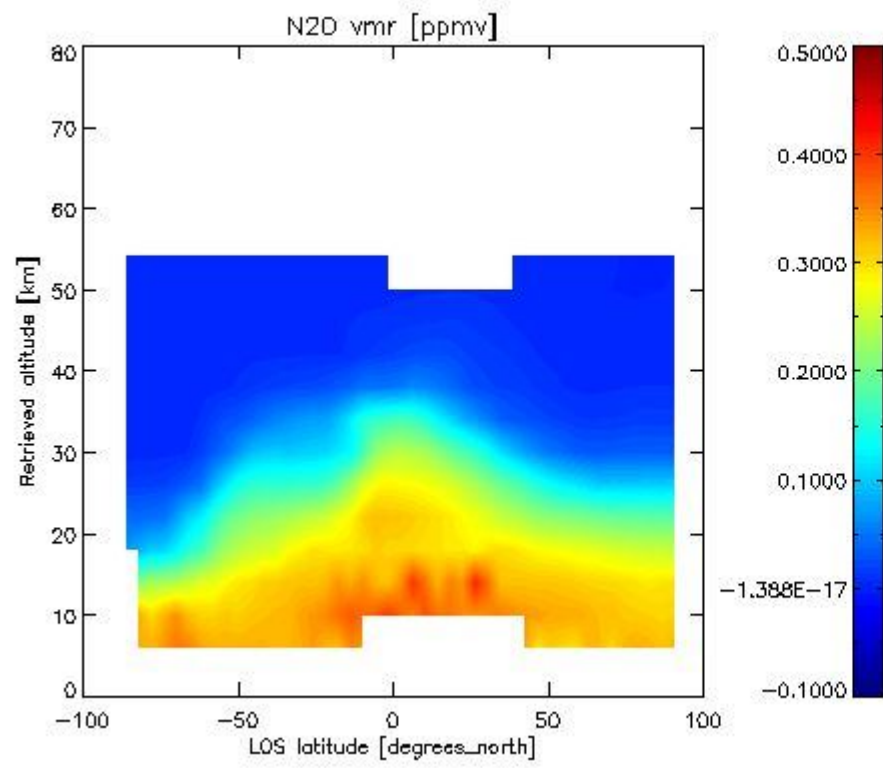
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



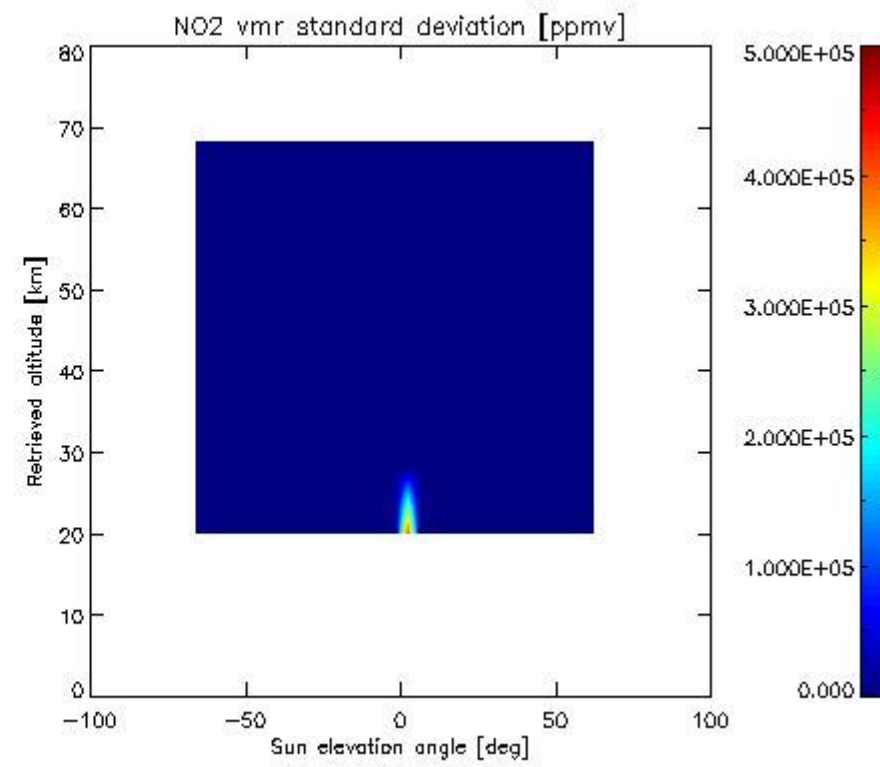
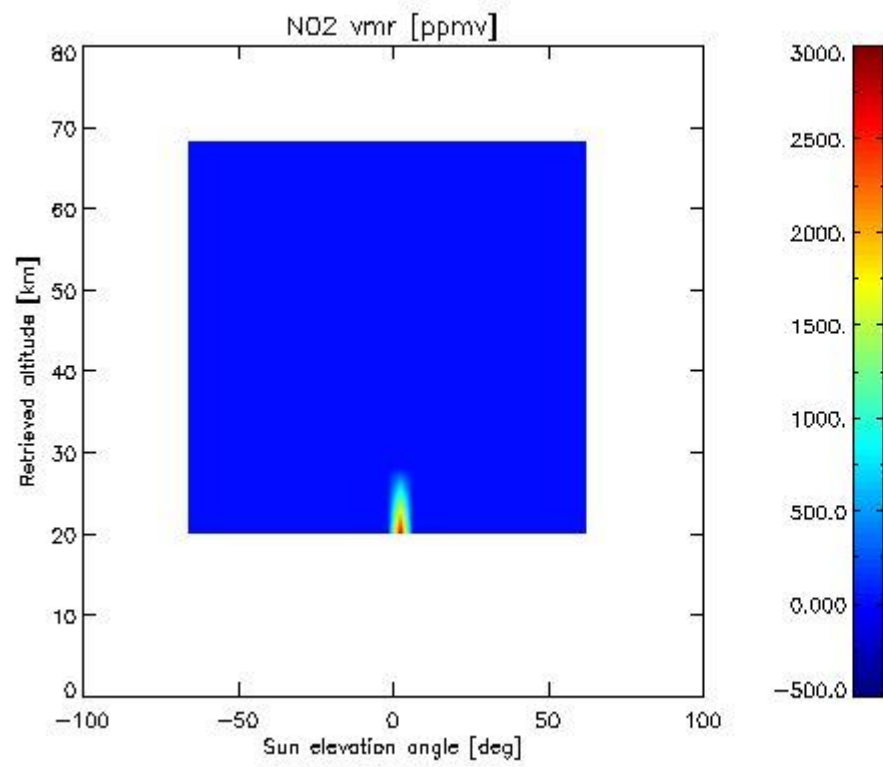
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



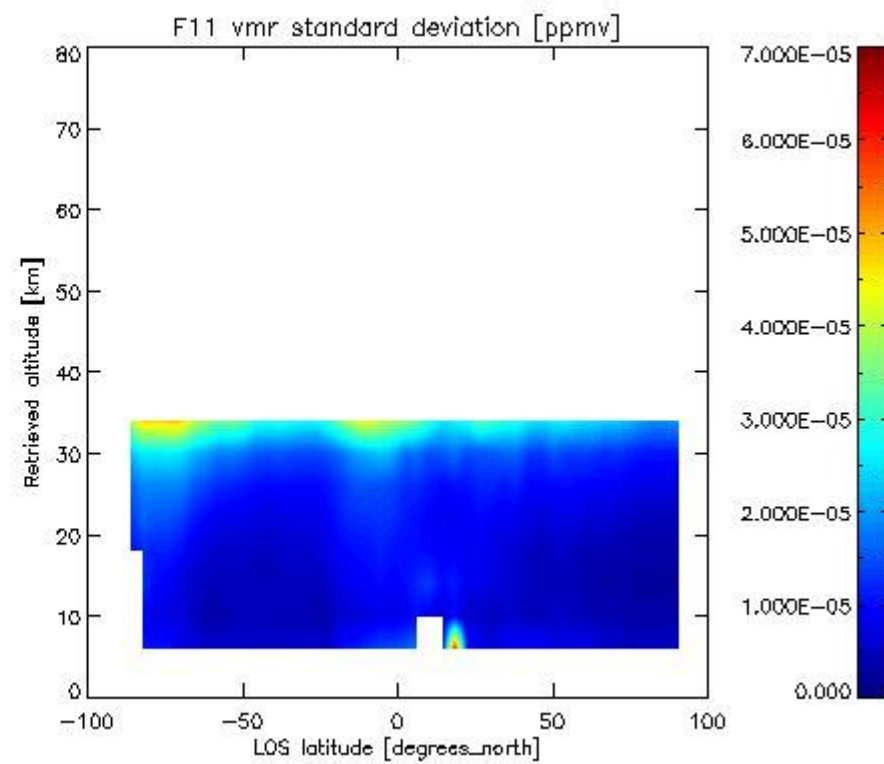
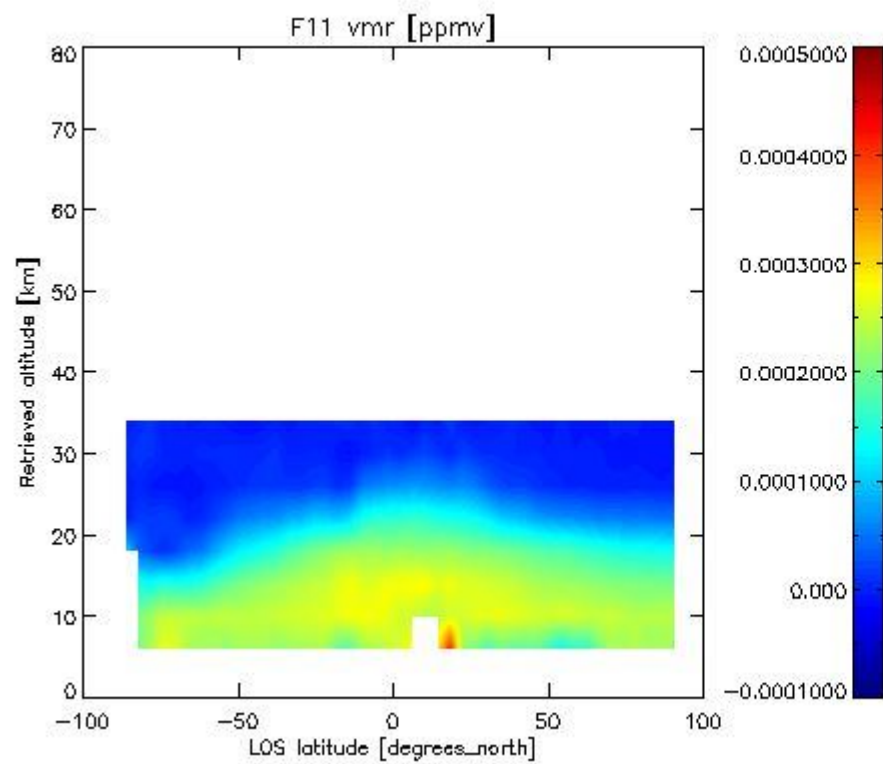
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



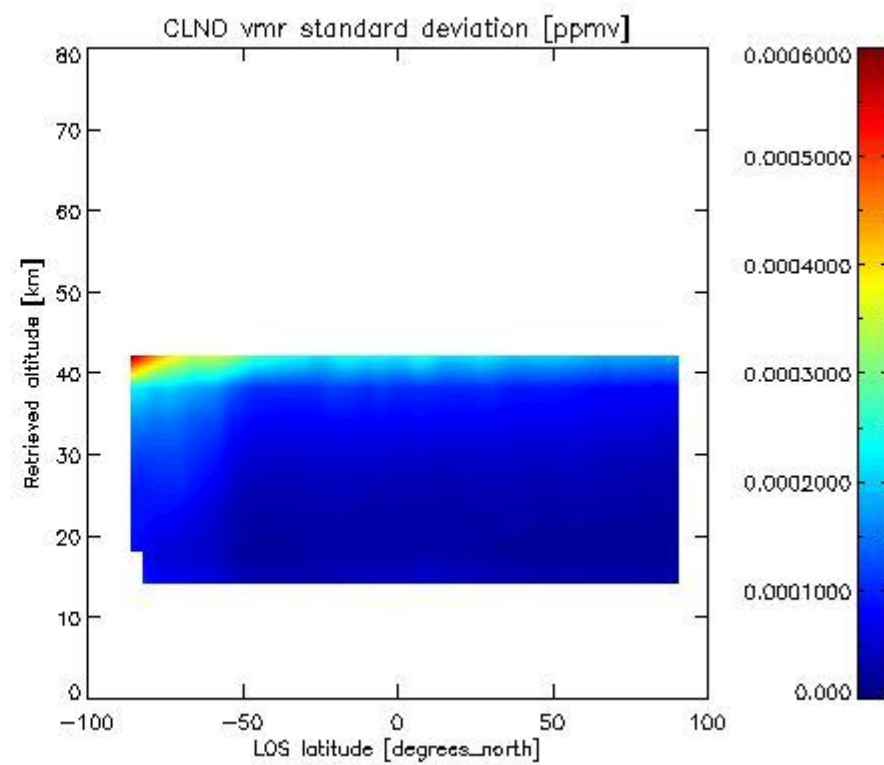
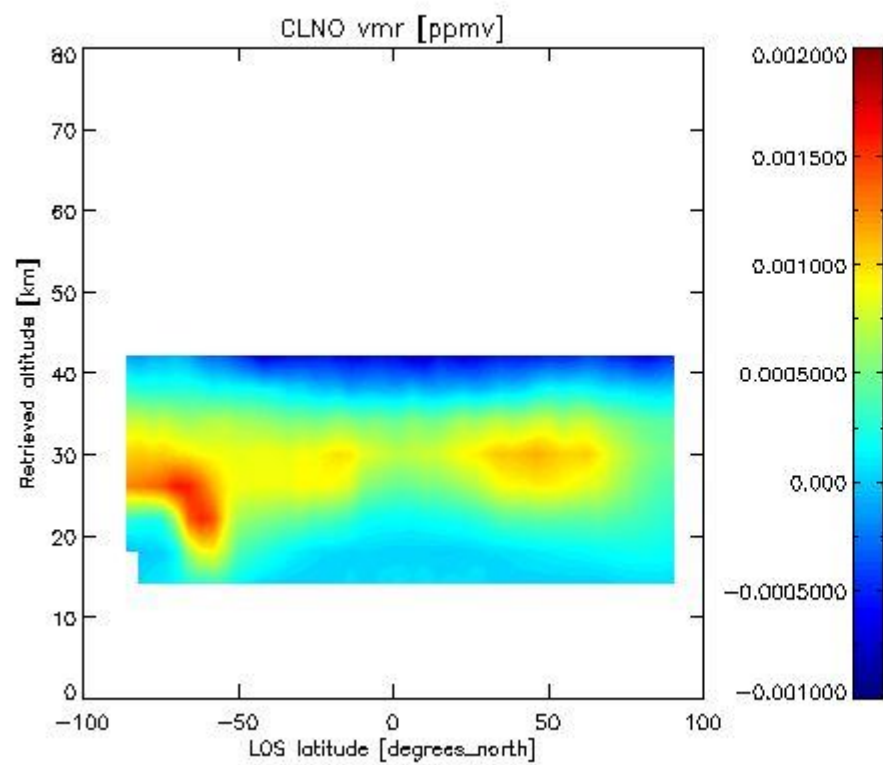
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 8 km.



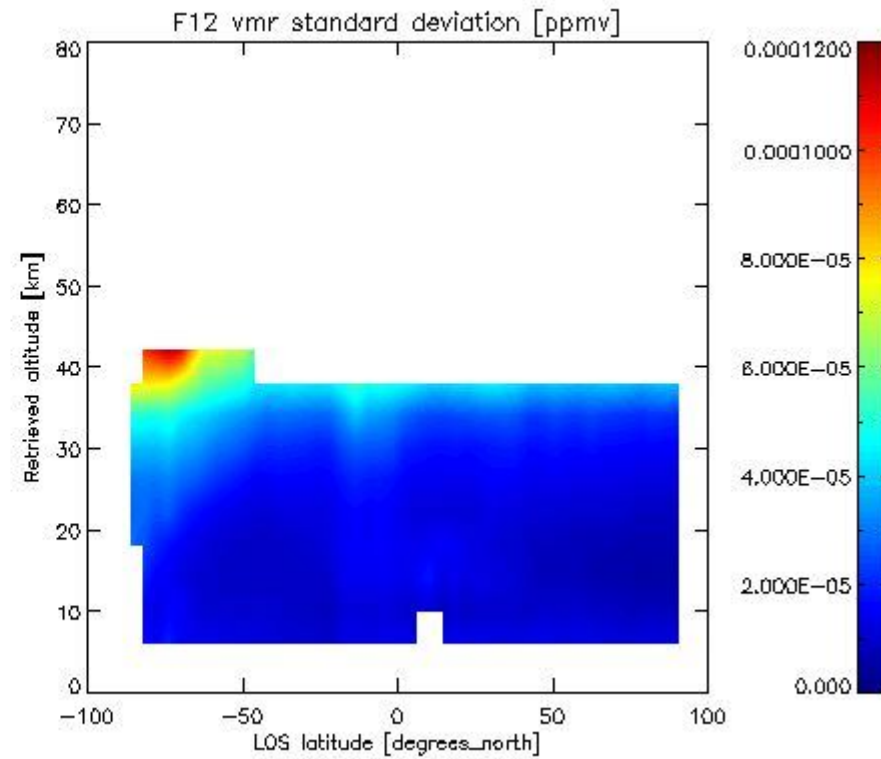
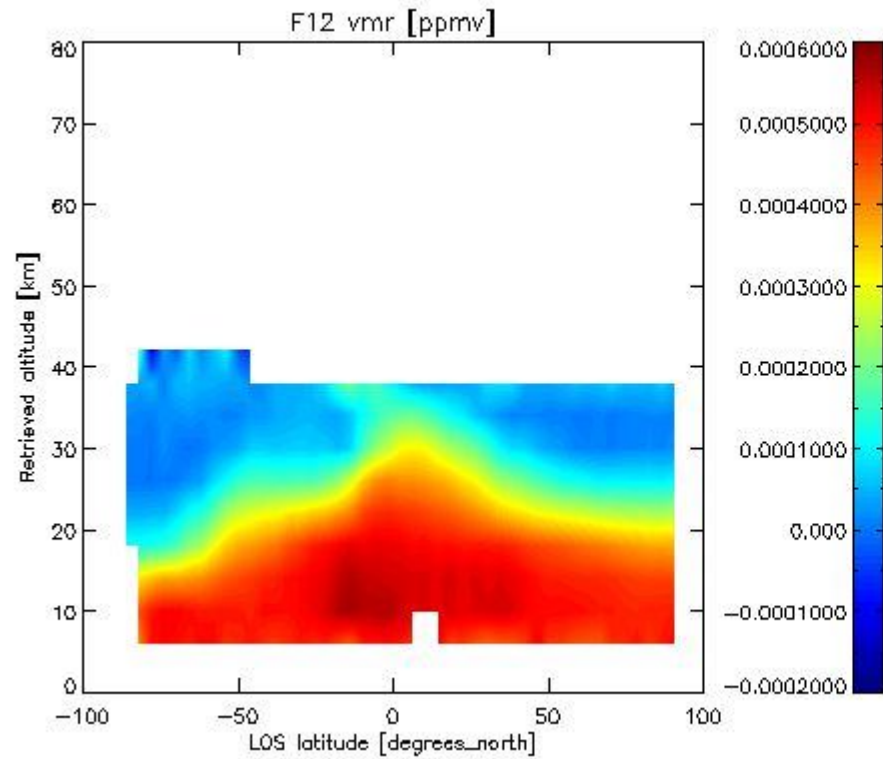
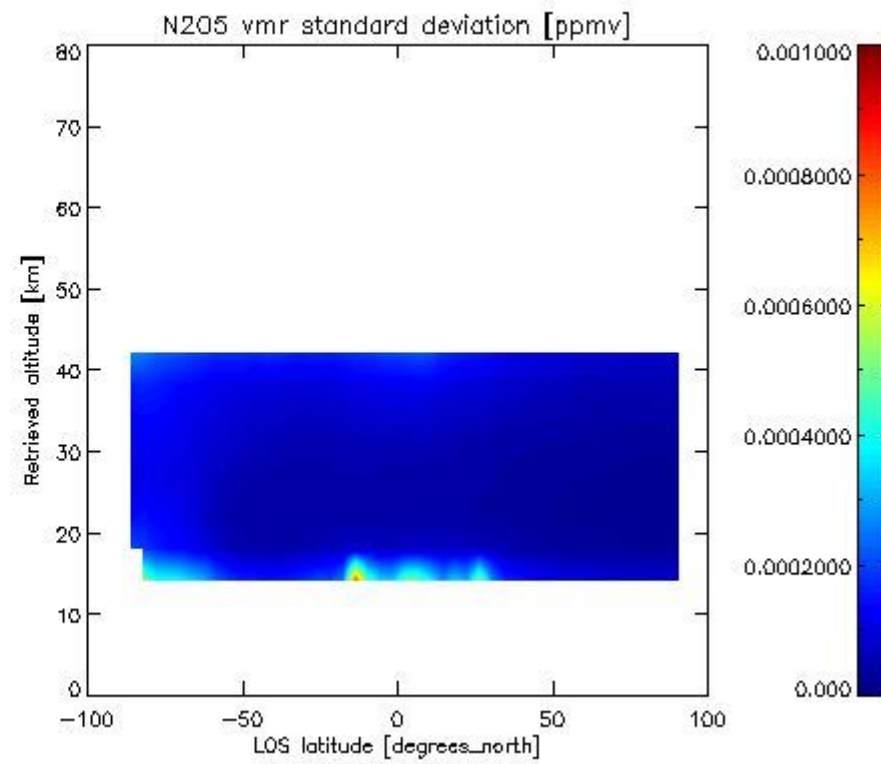
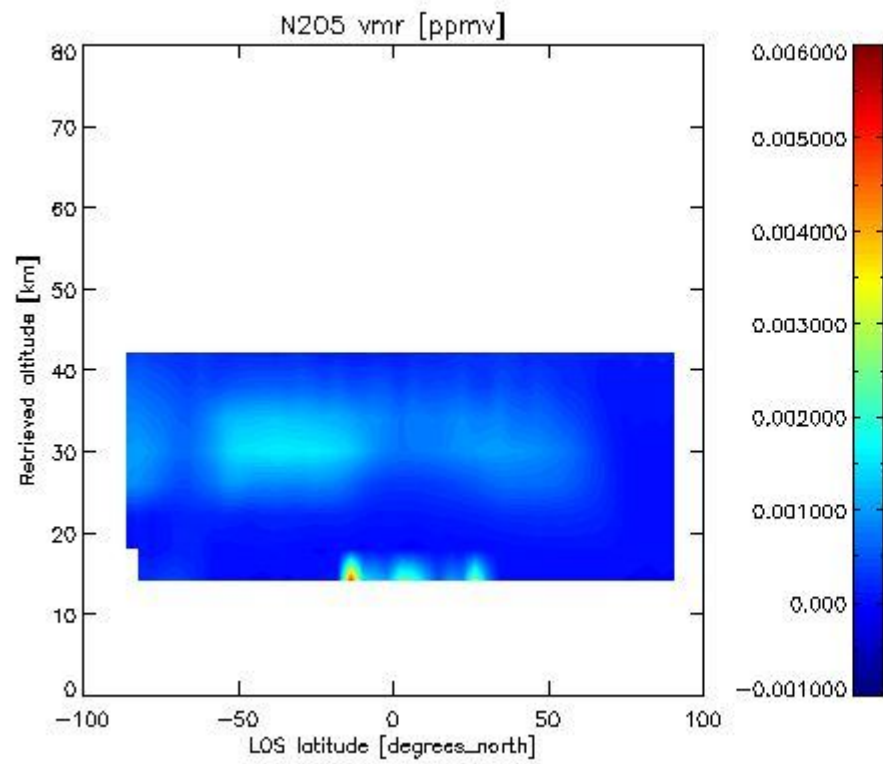
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



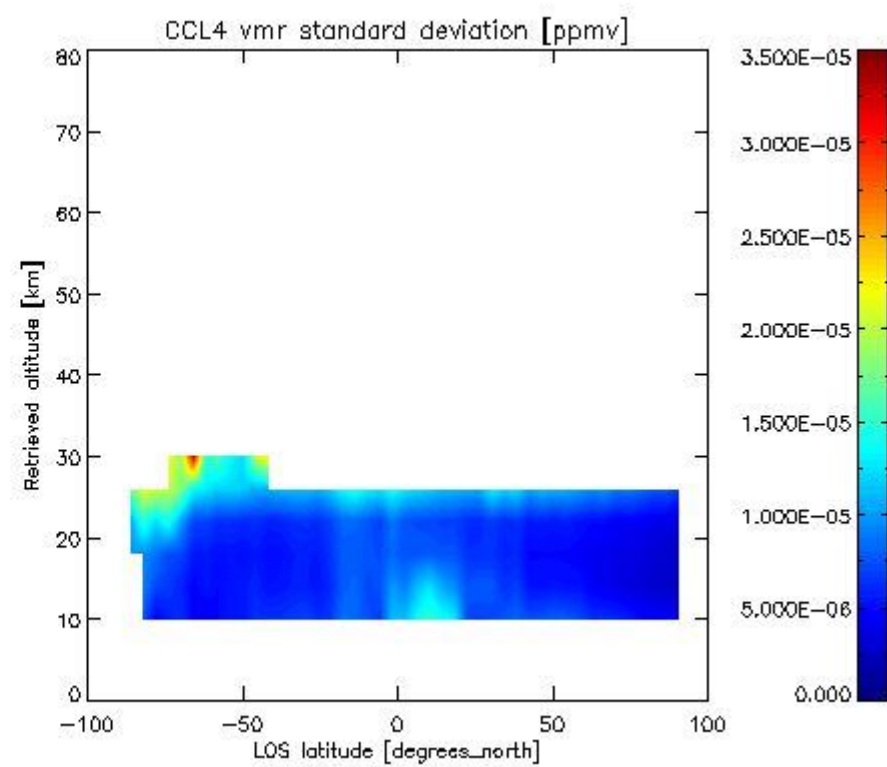
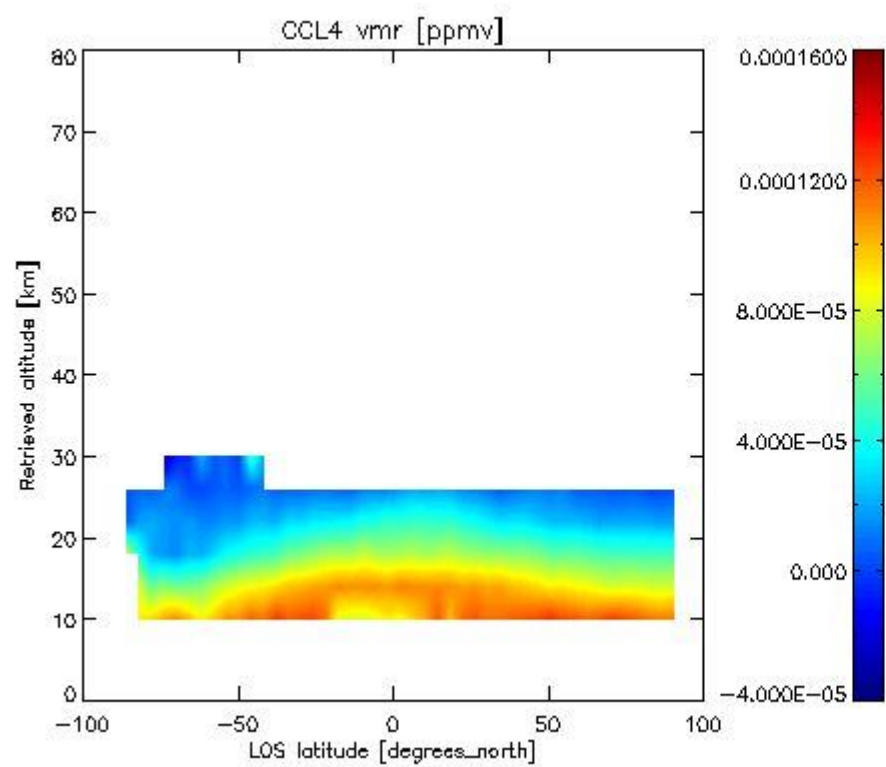
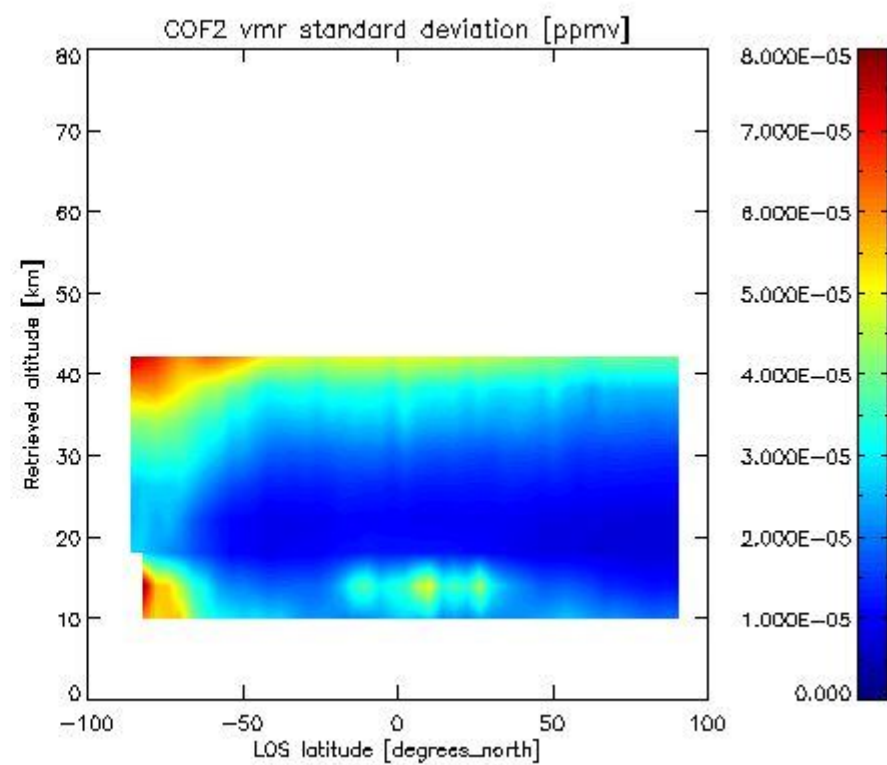
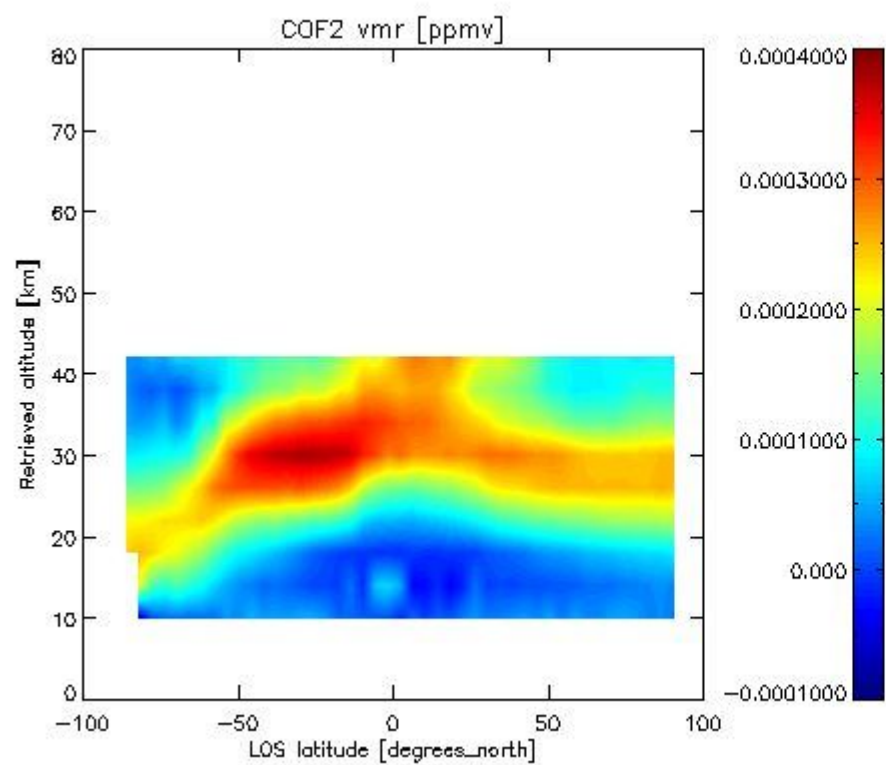
2.3.4.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

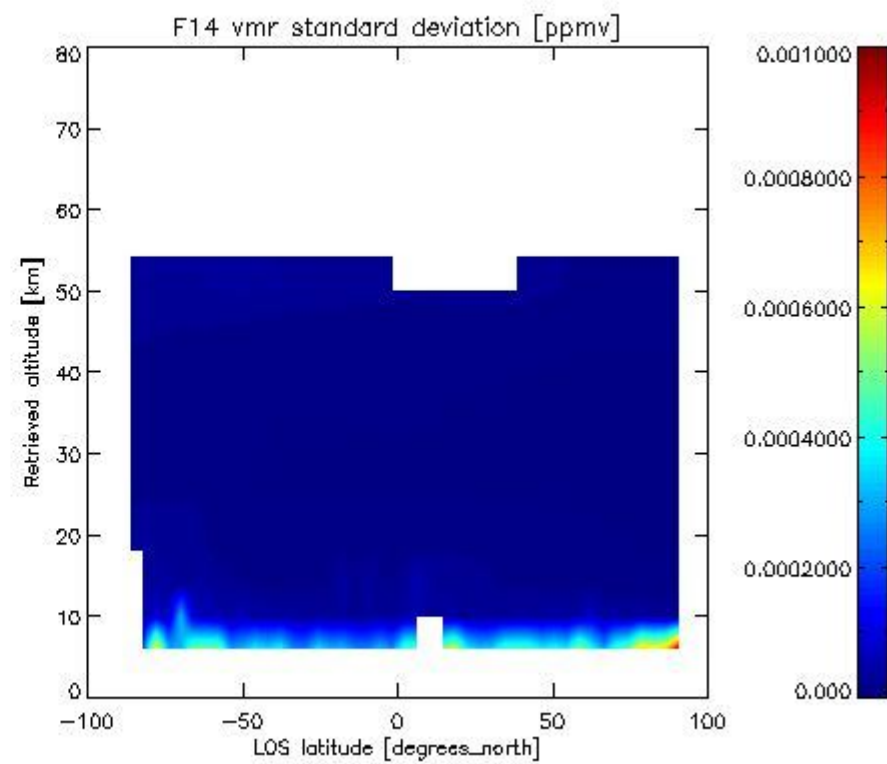
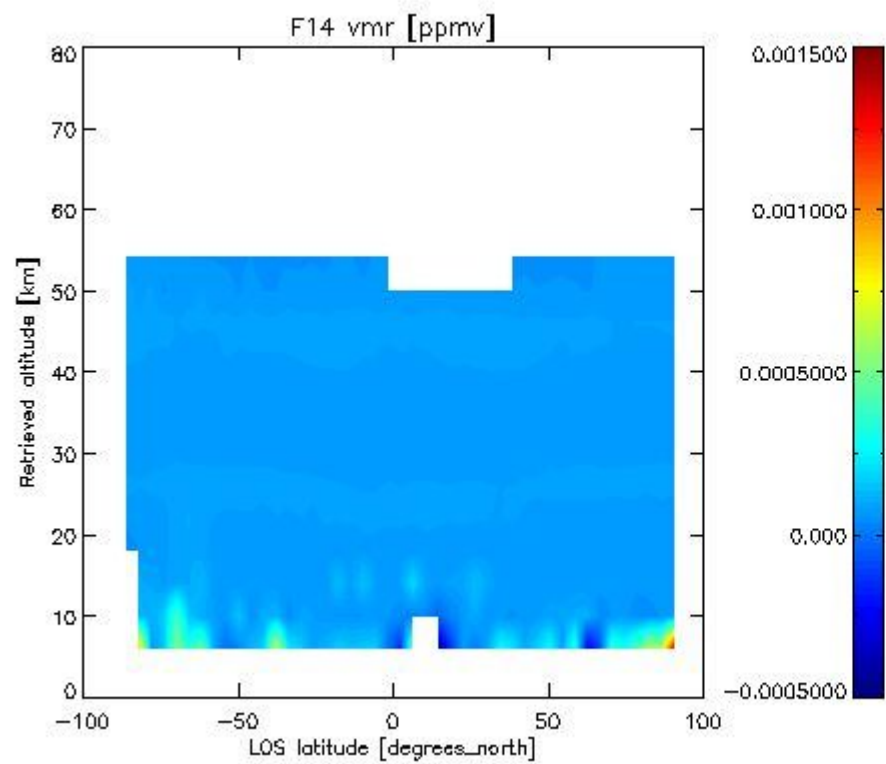
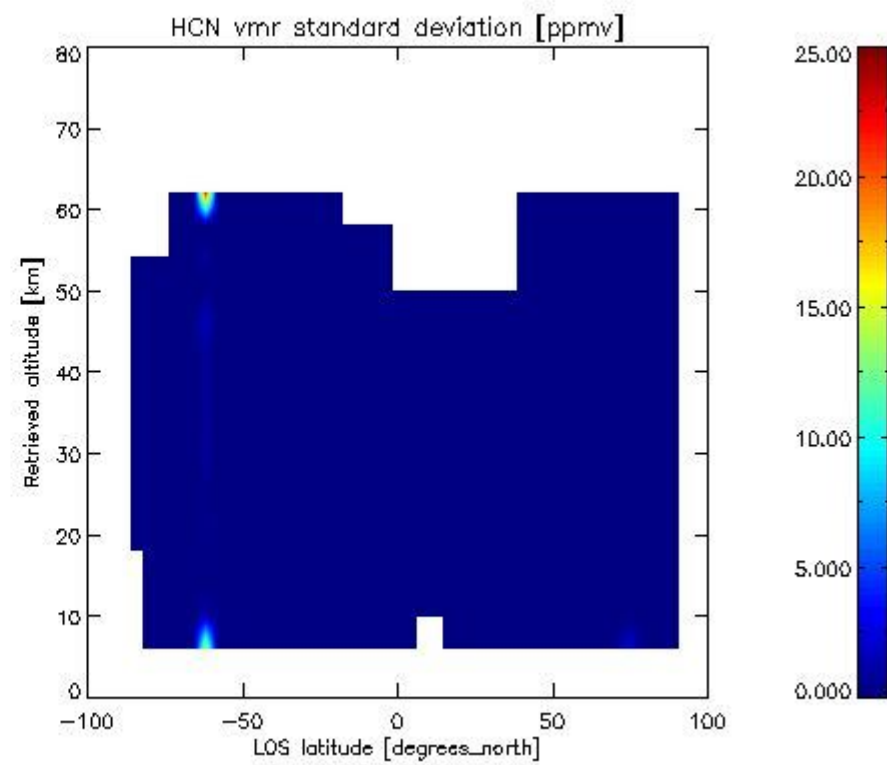
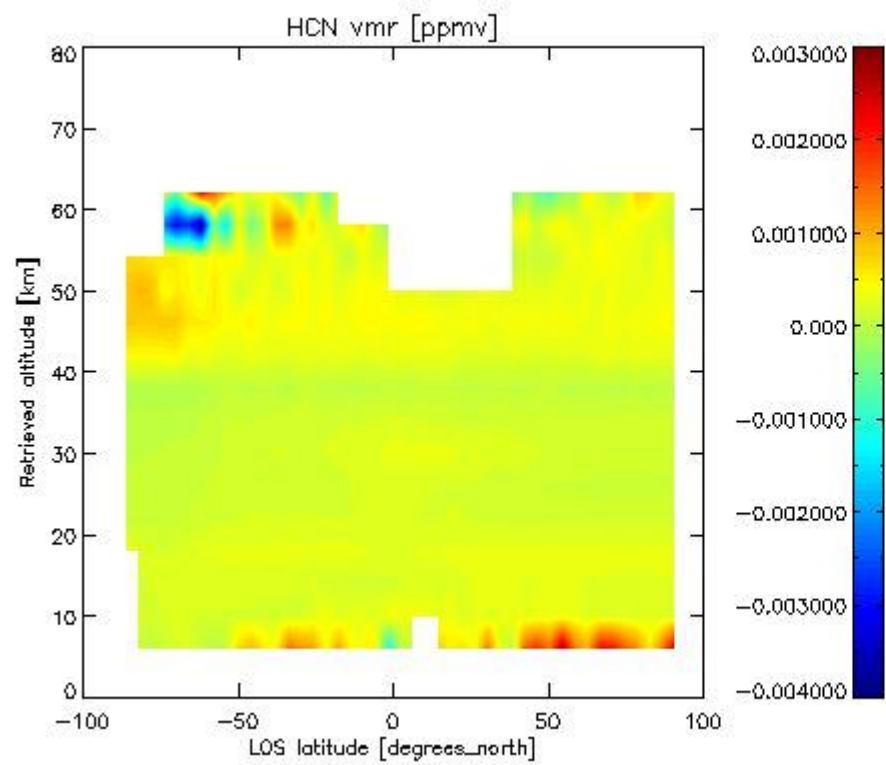


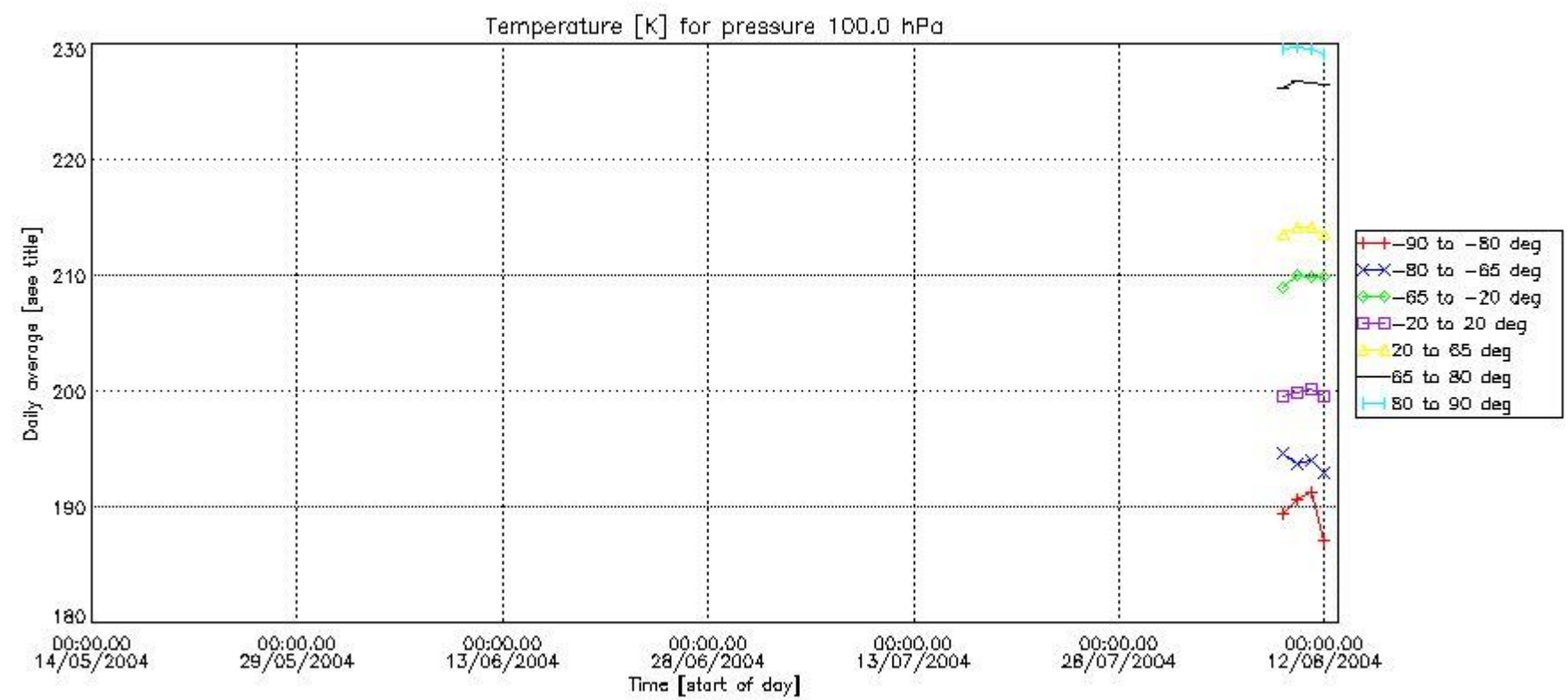
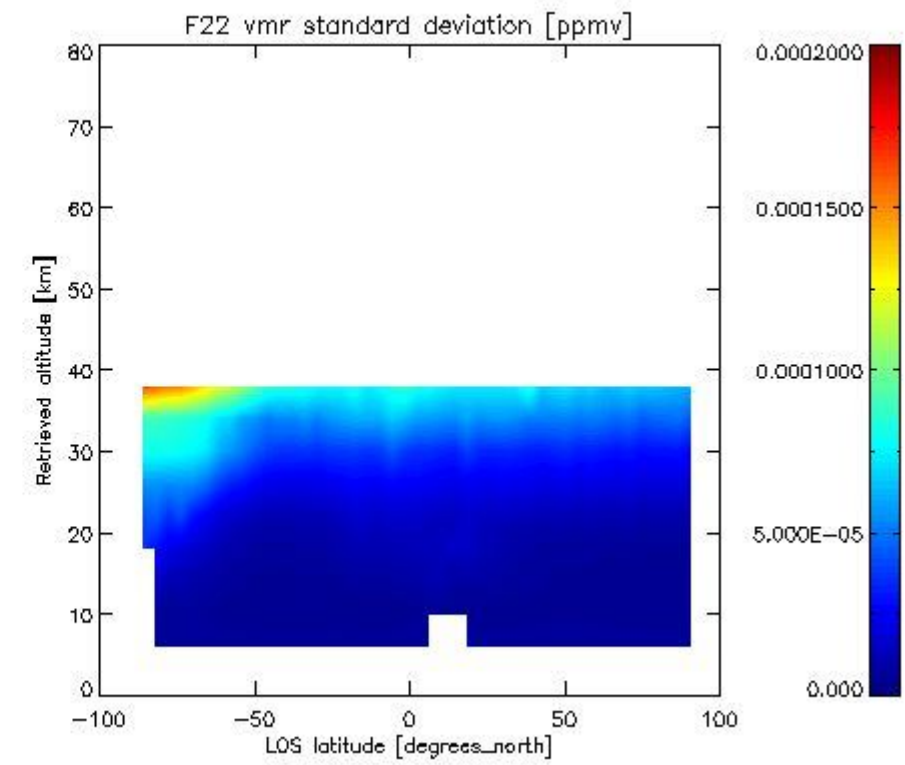
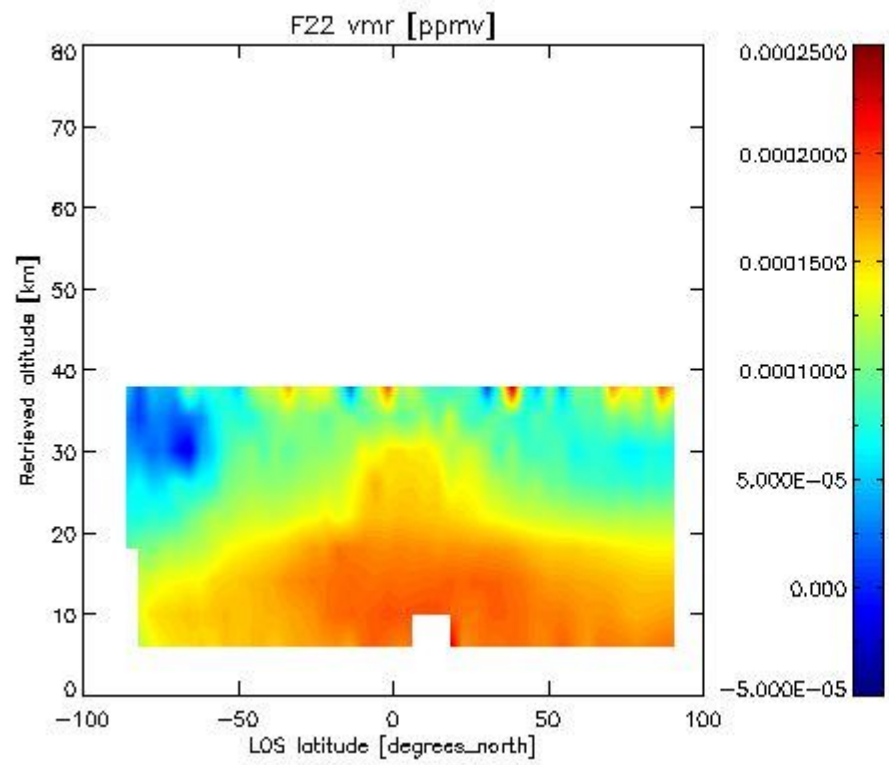
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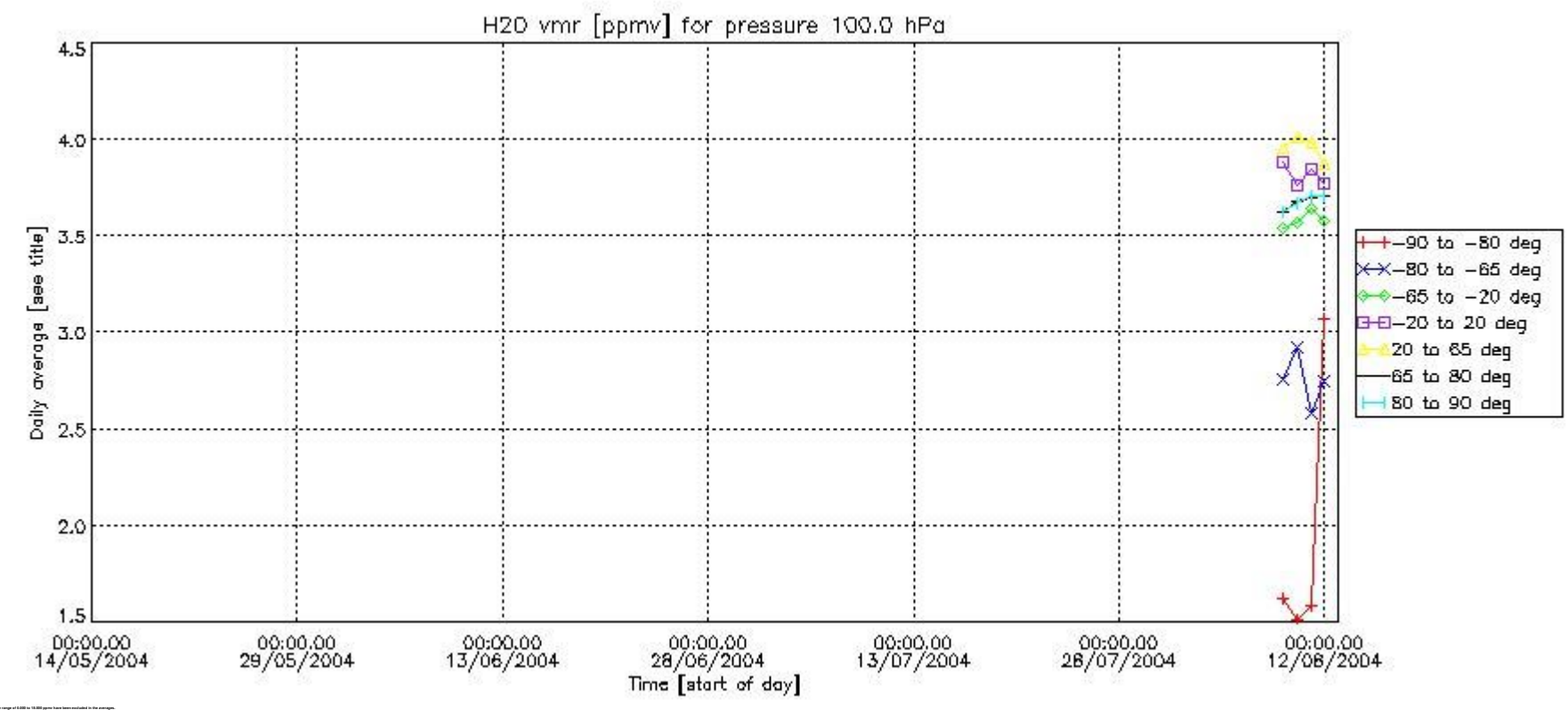
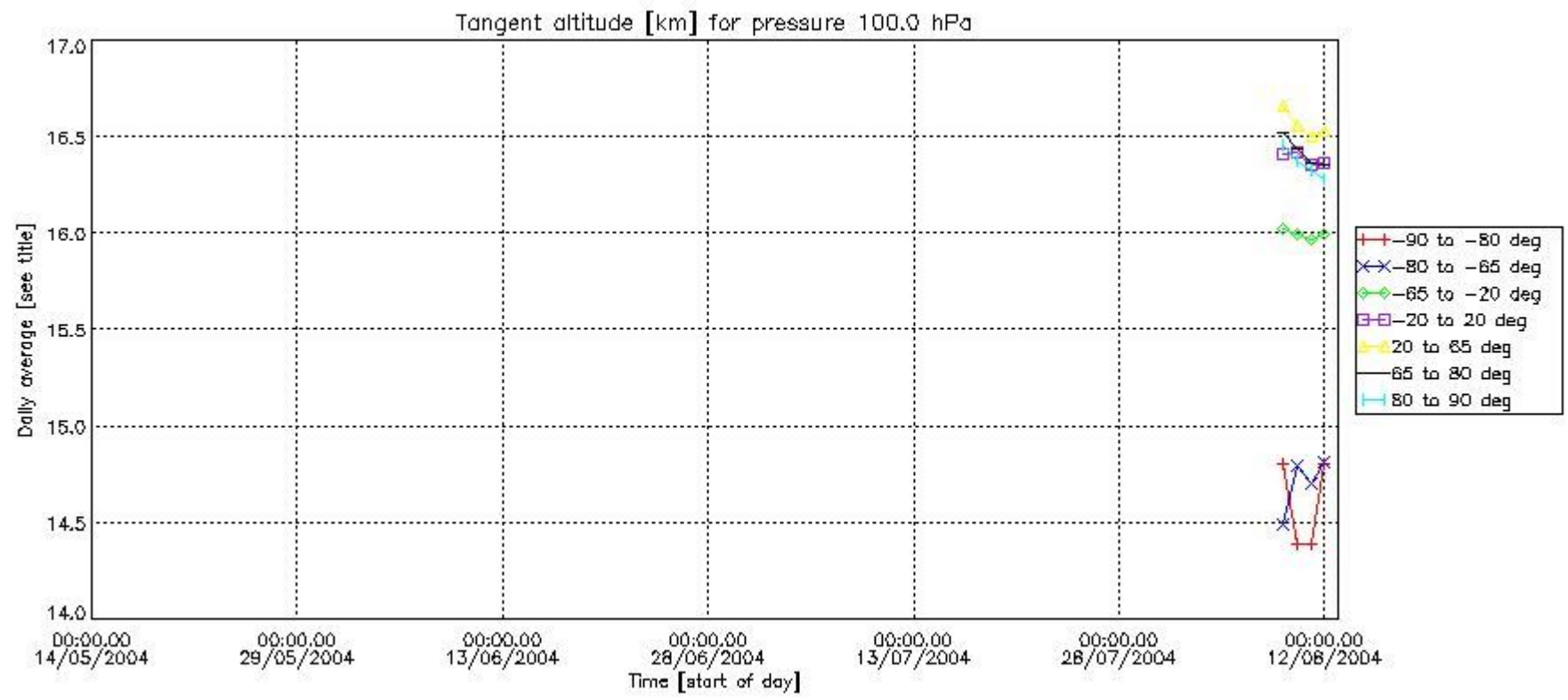


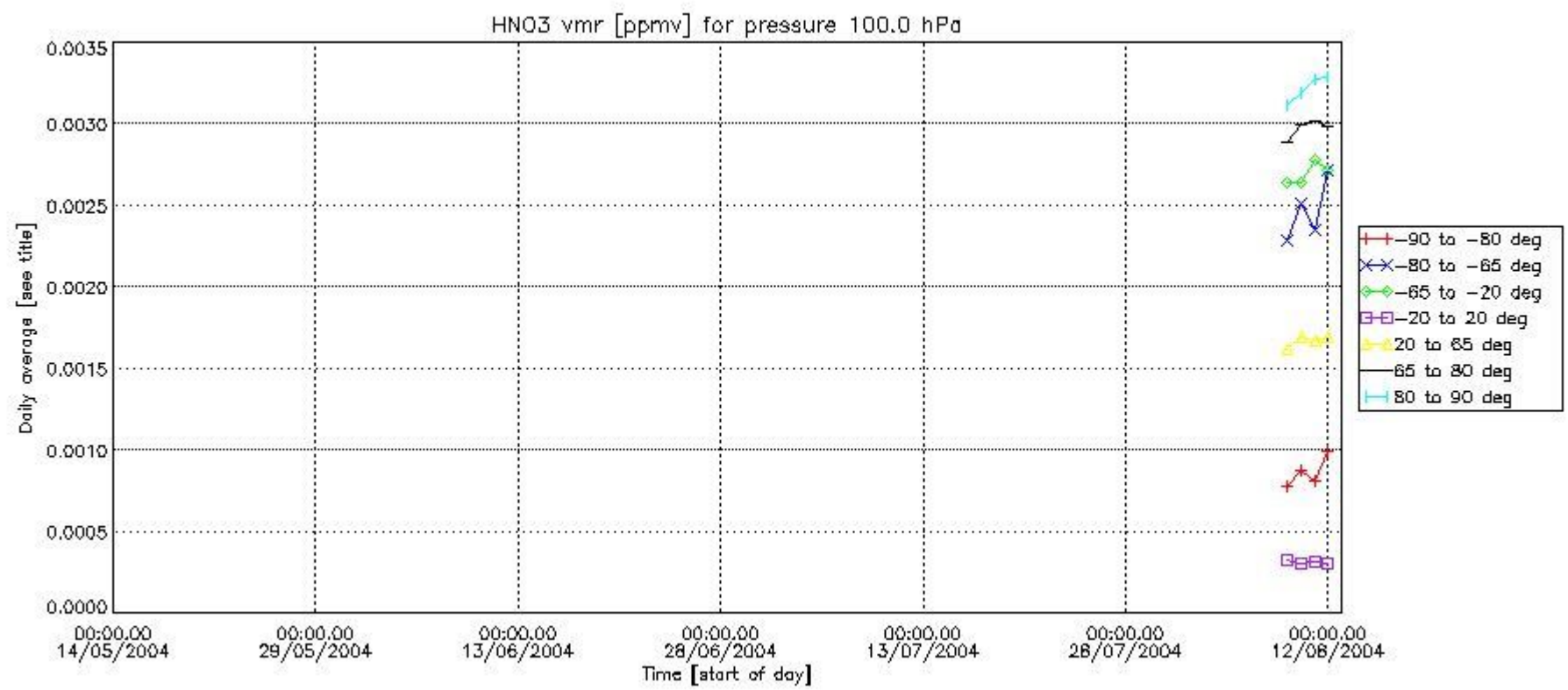
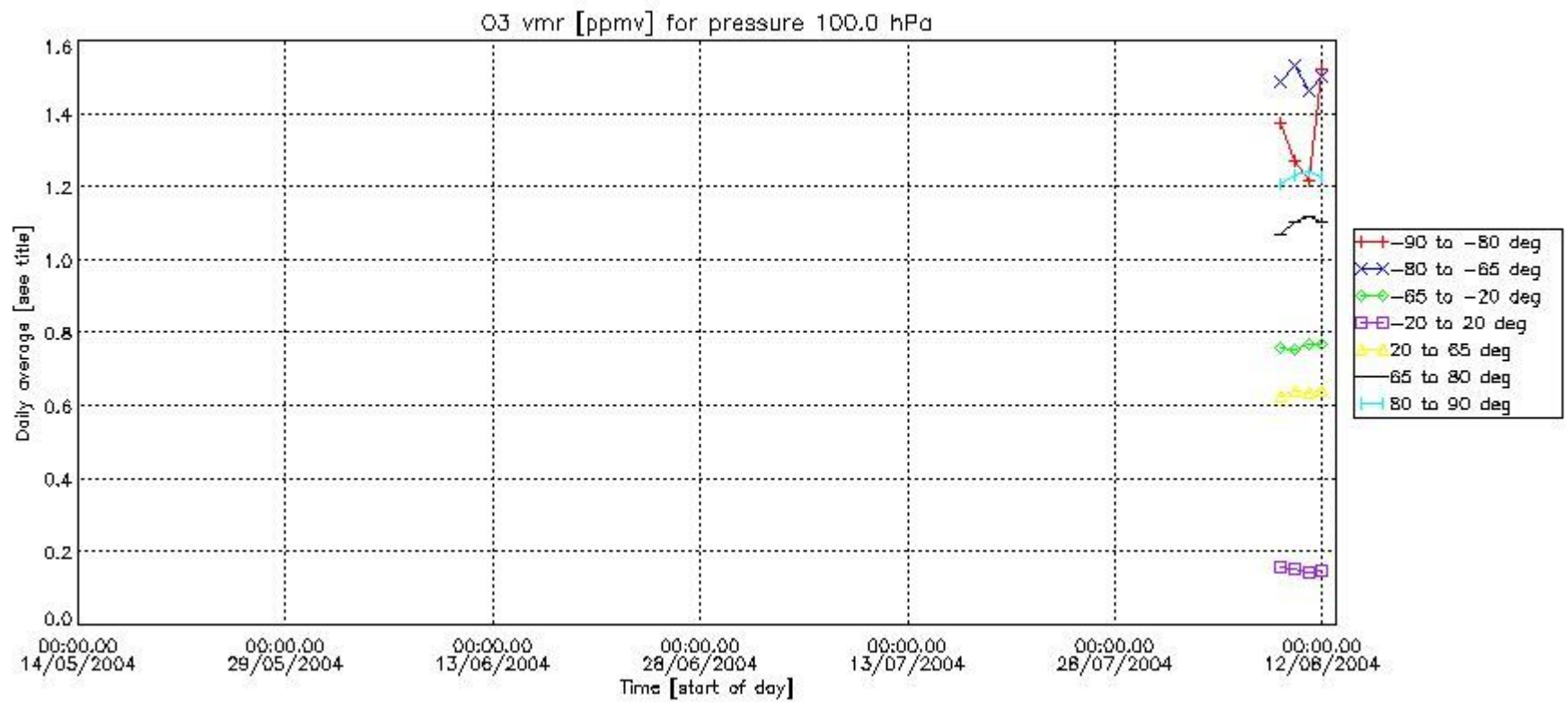


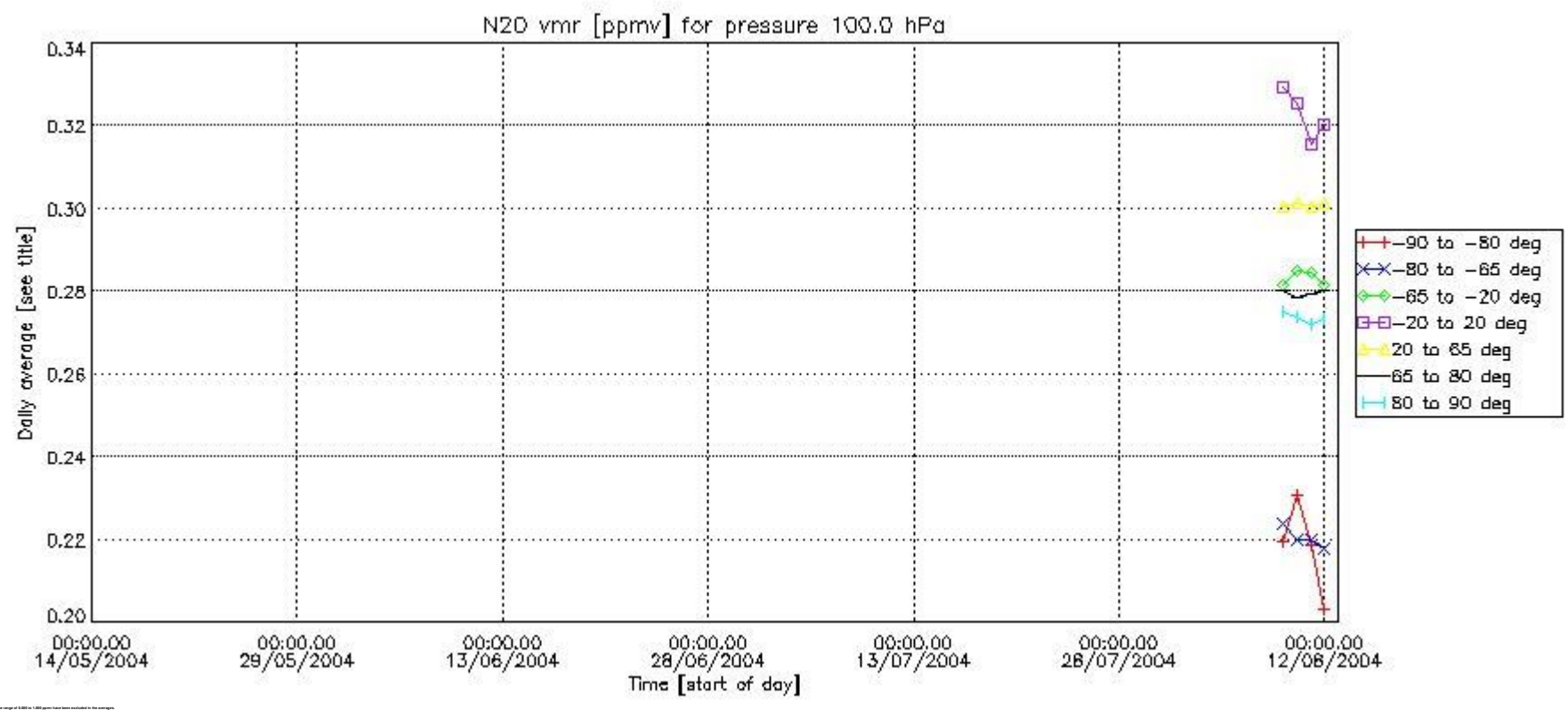
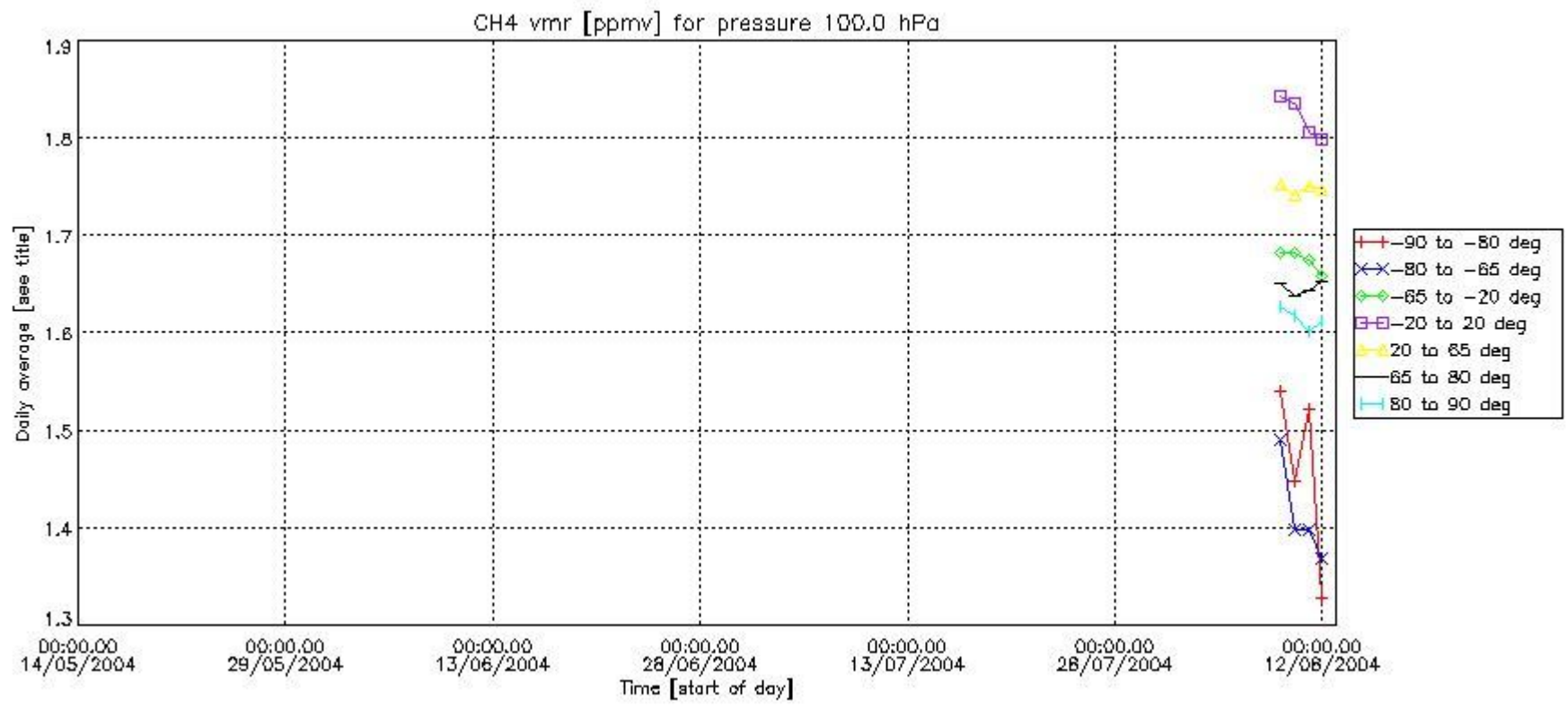


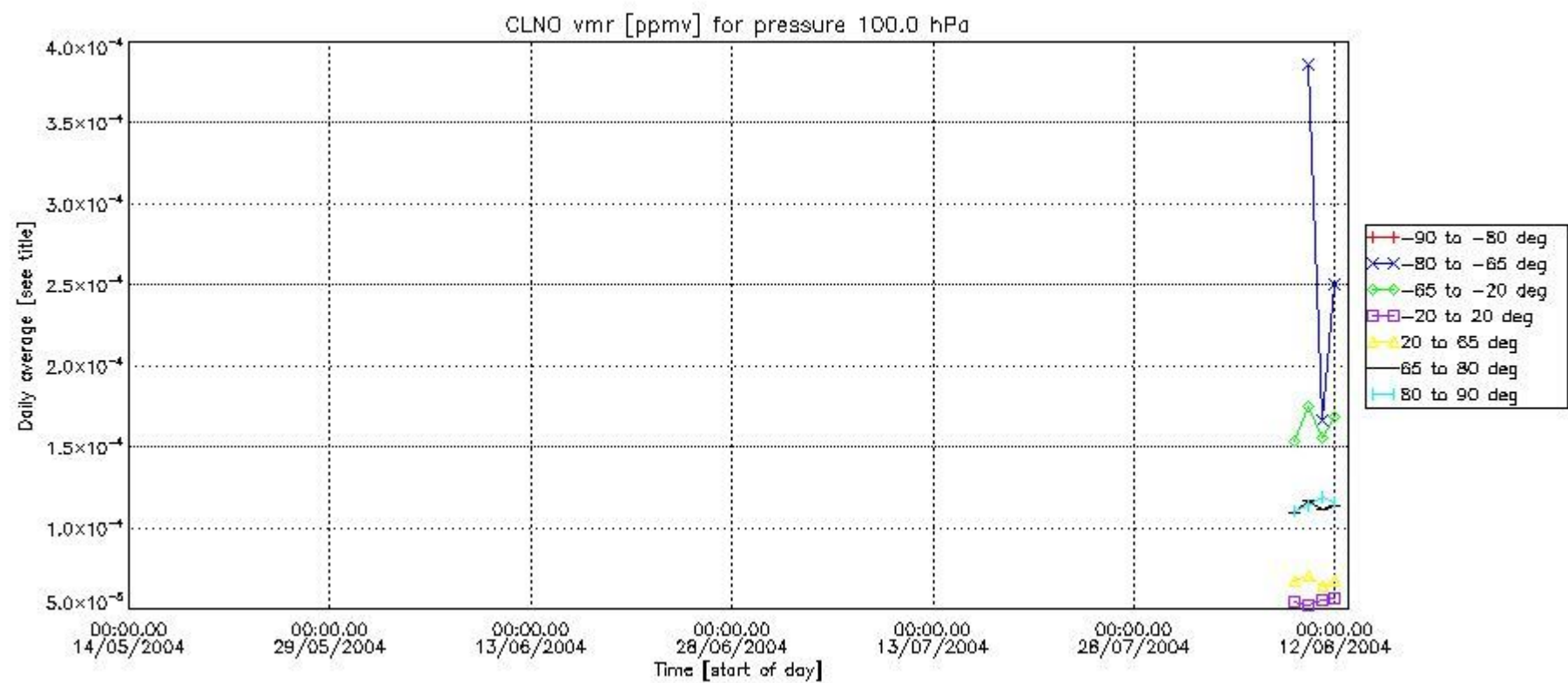
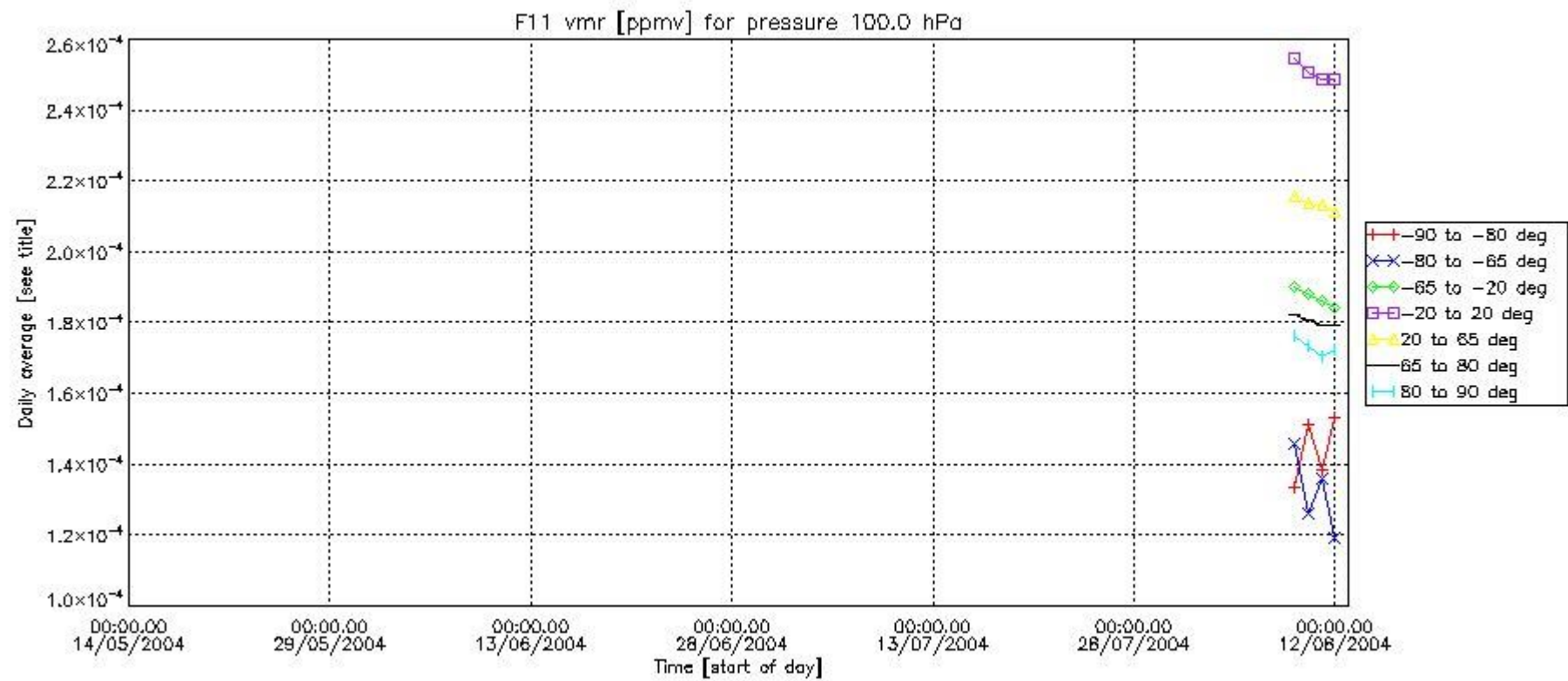


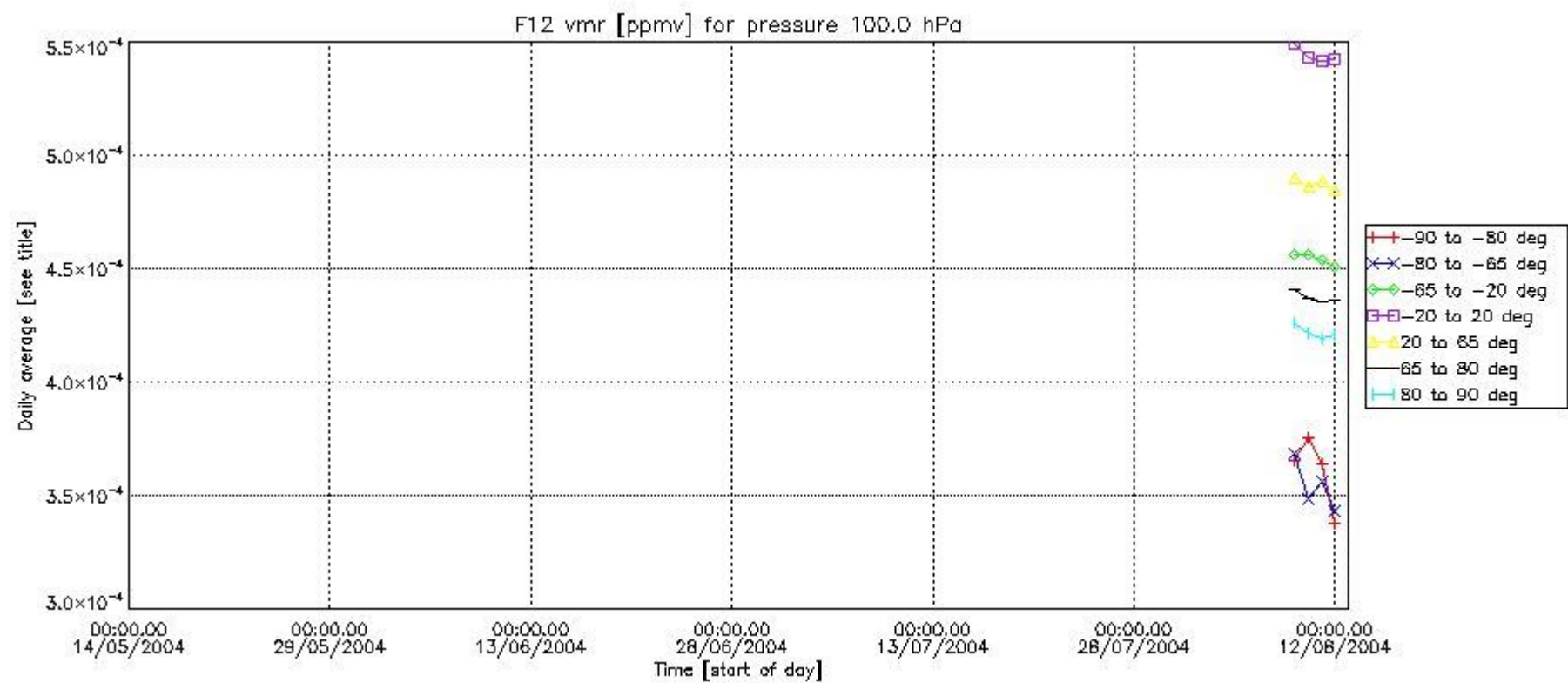
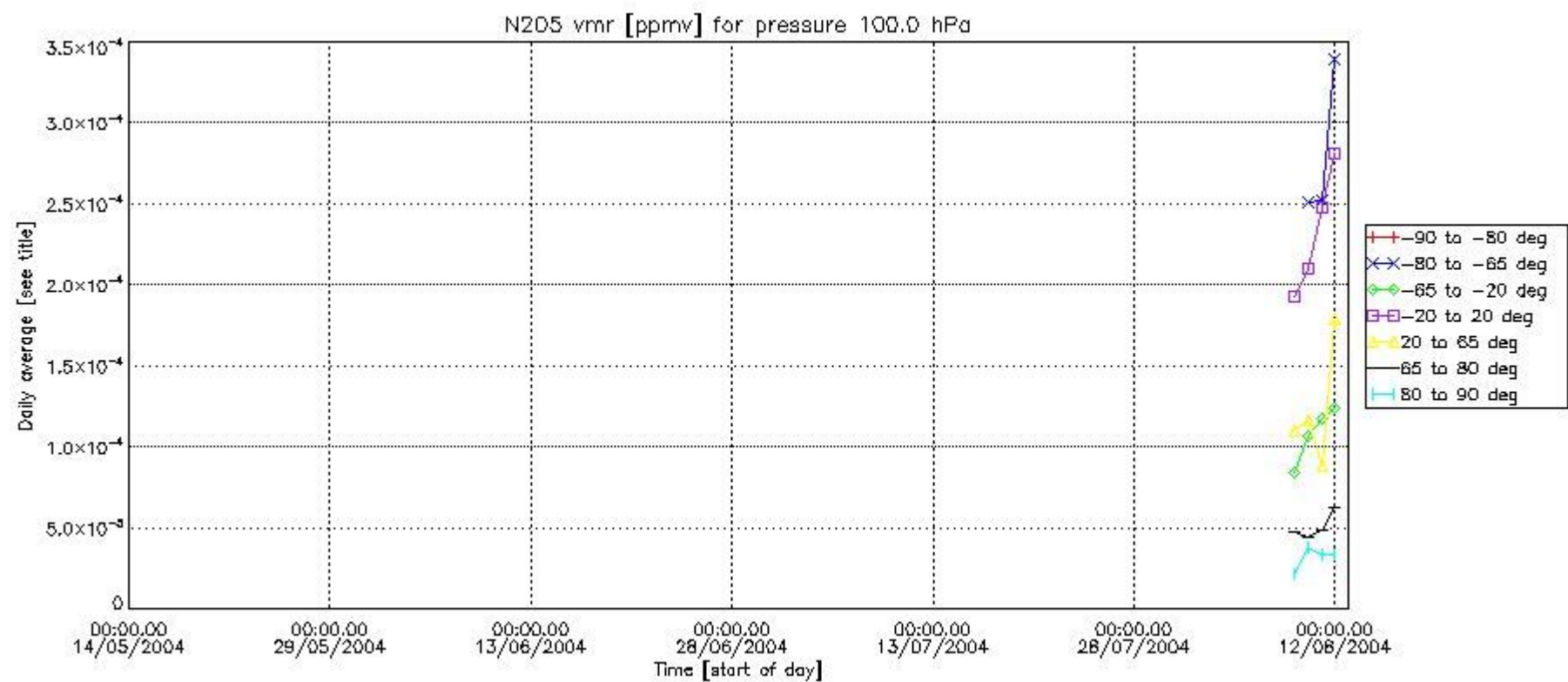




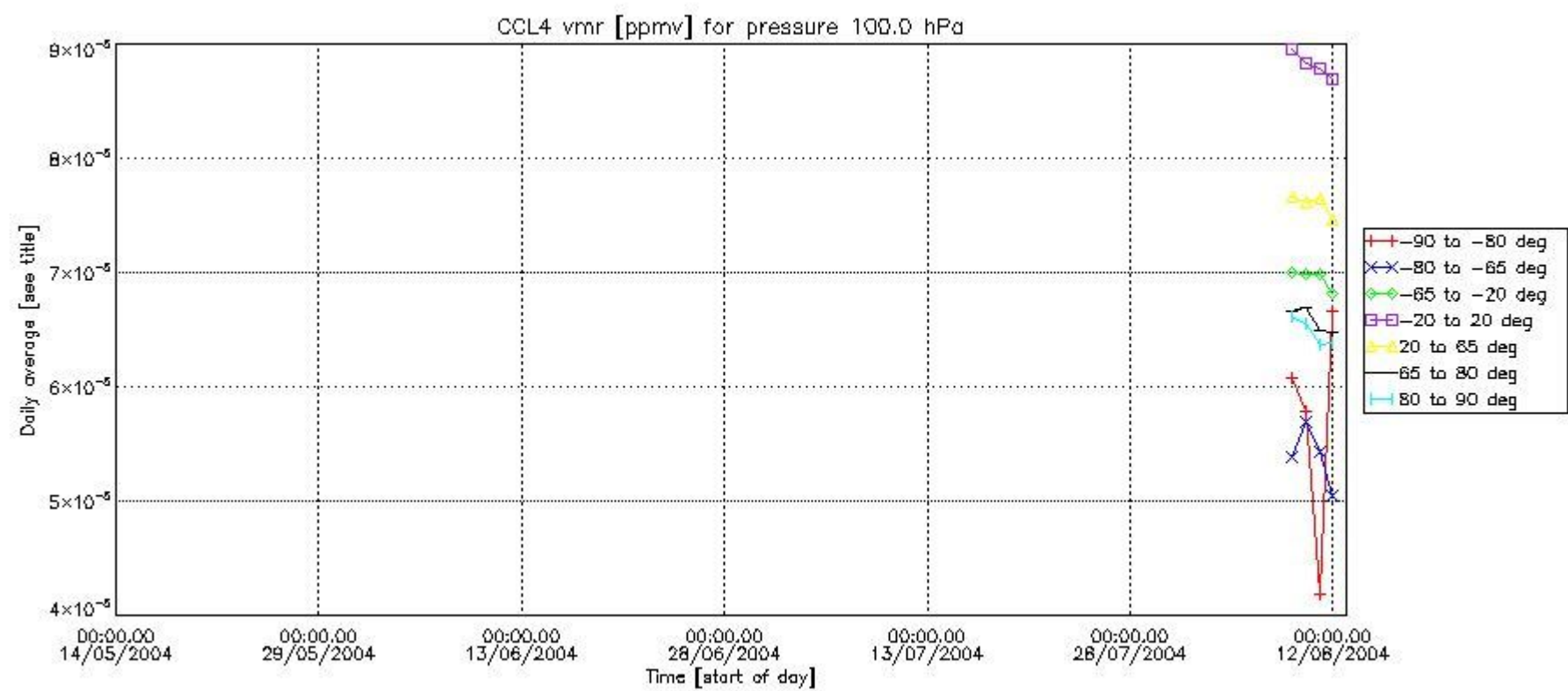
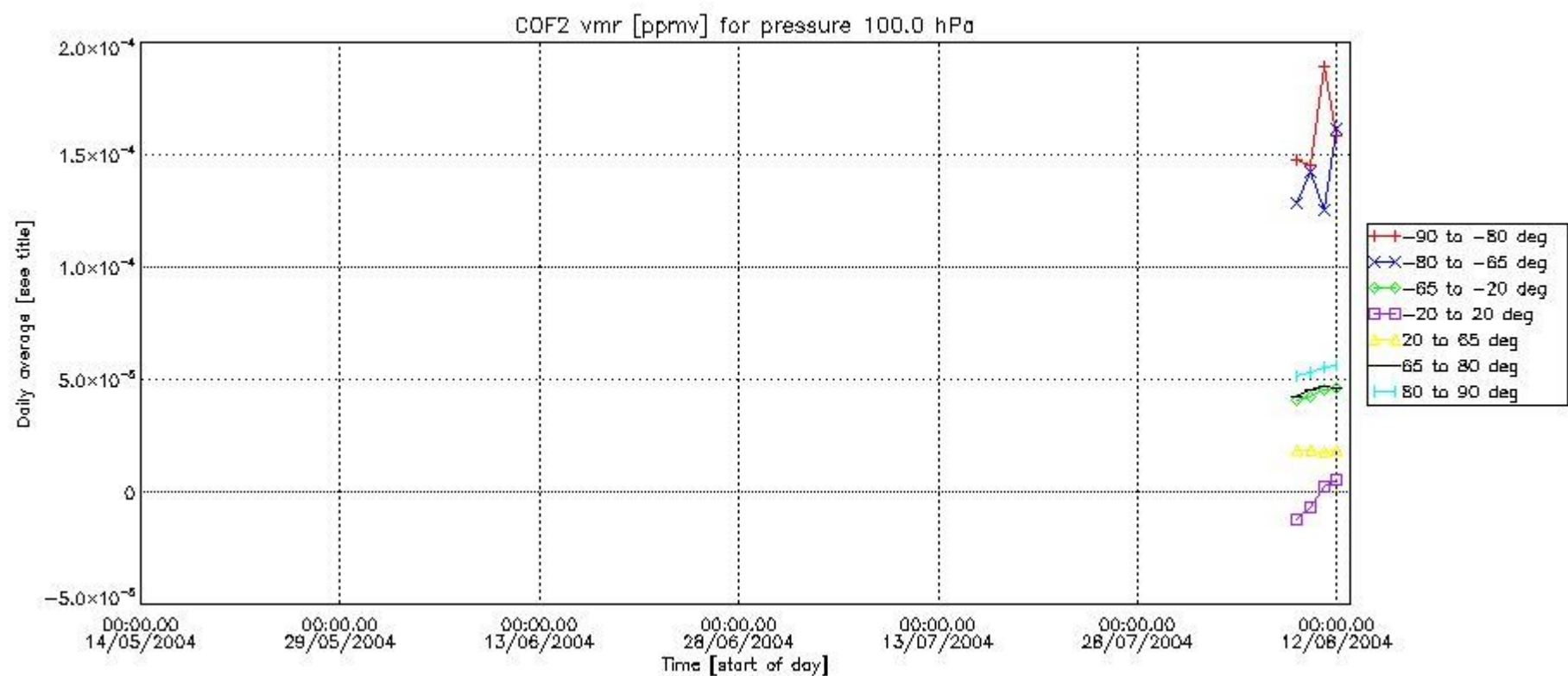


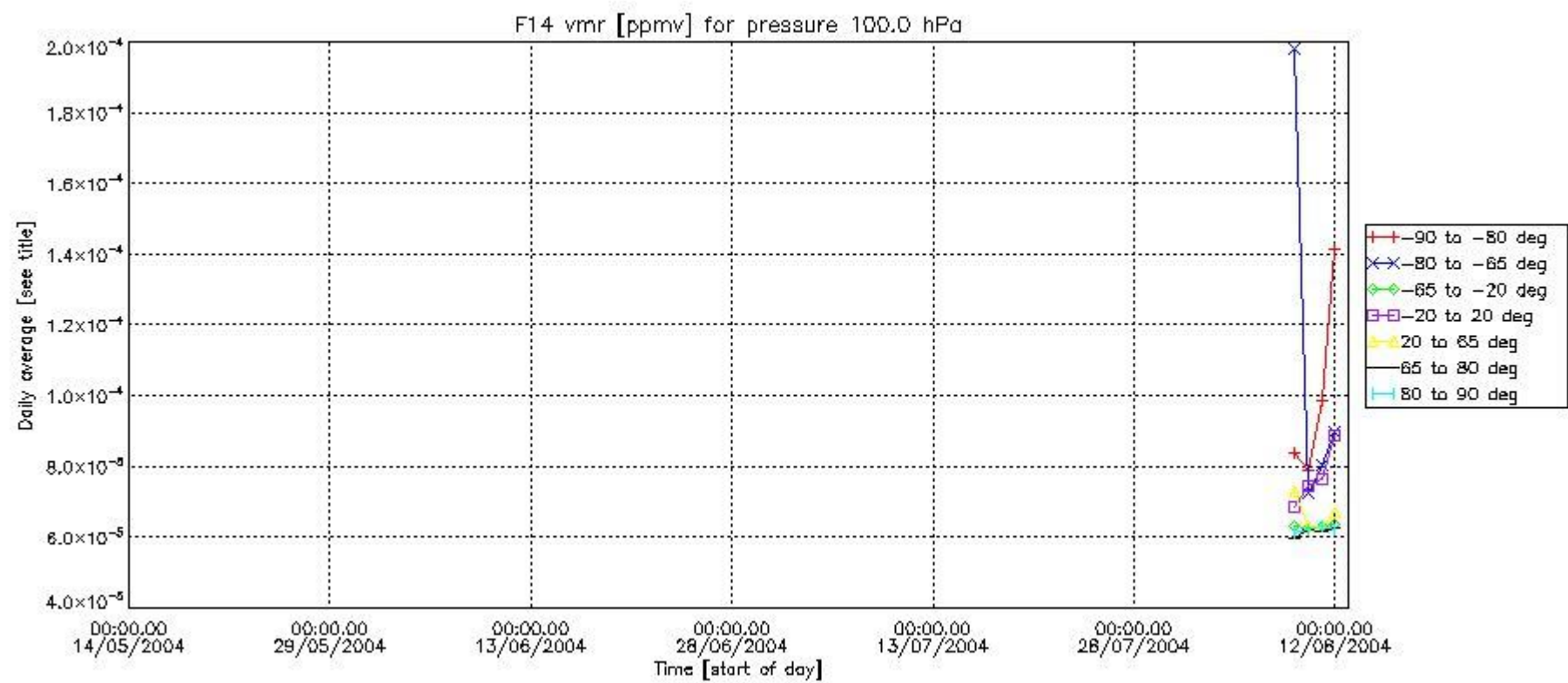
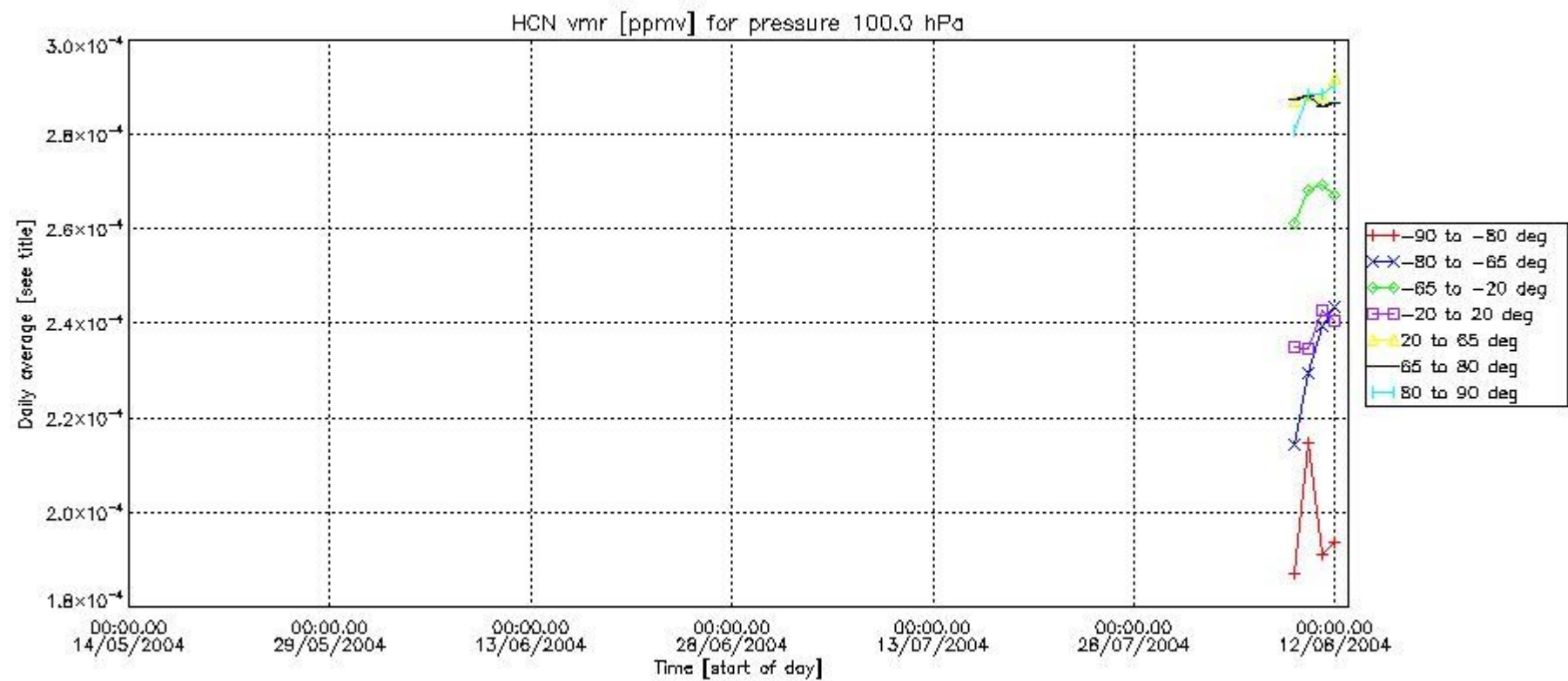


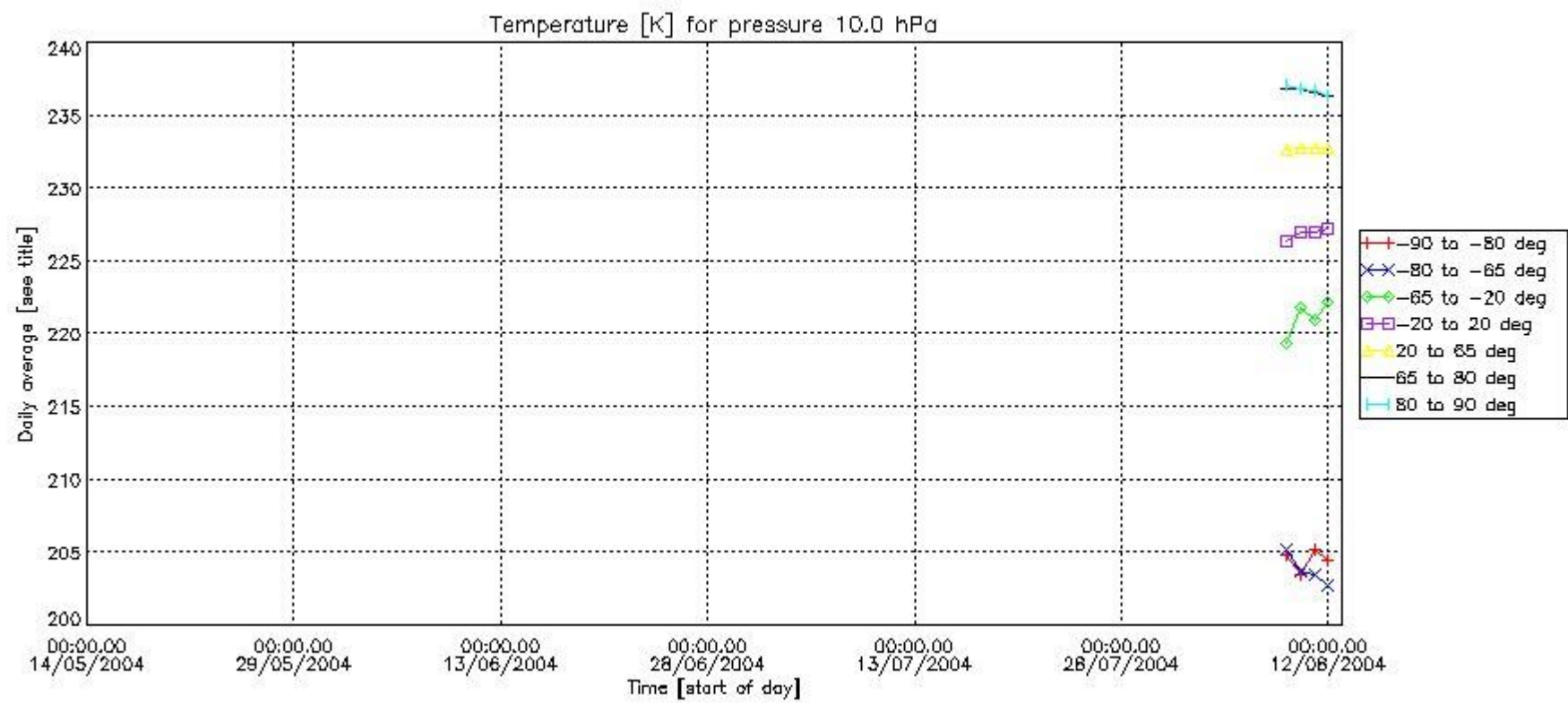
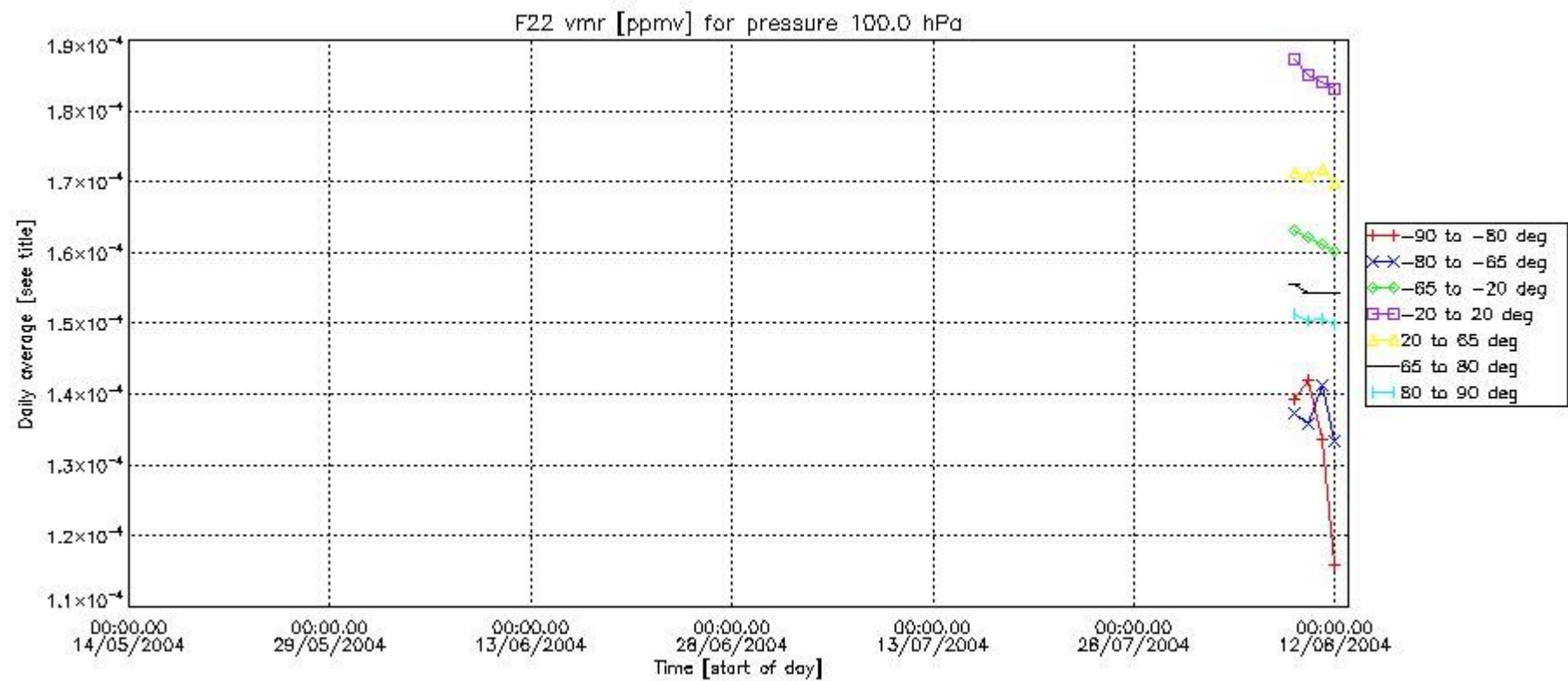


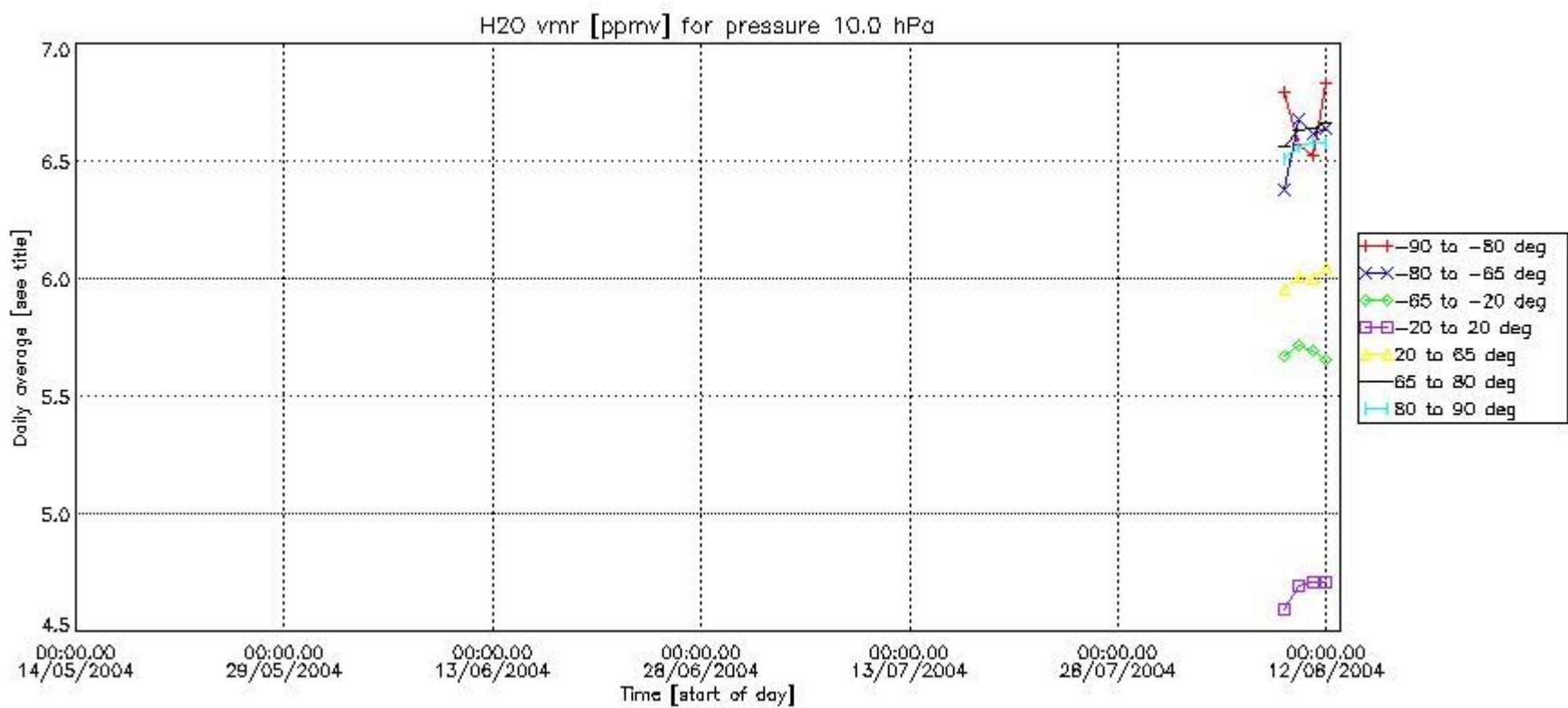
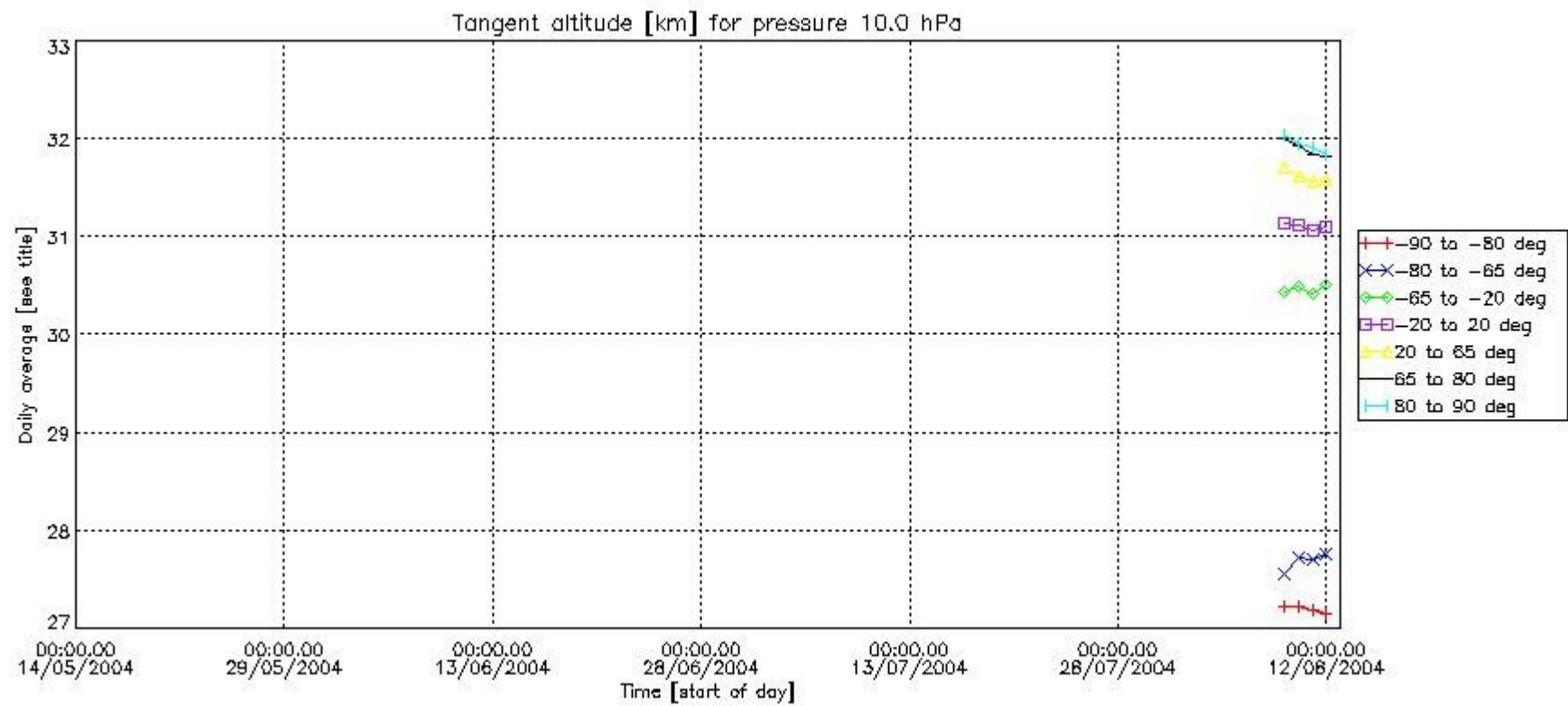


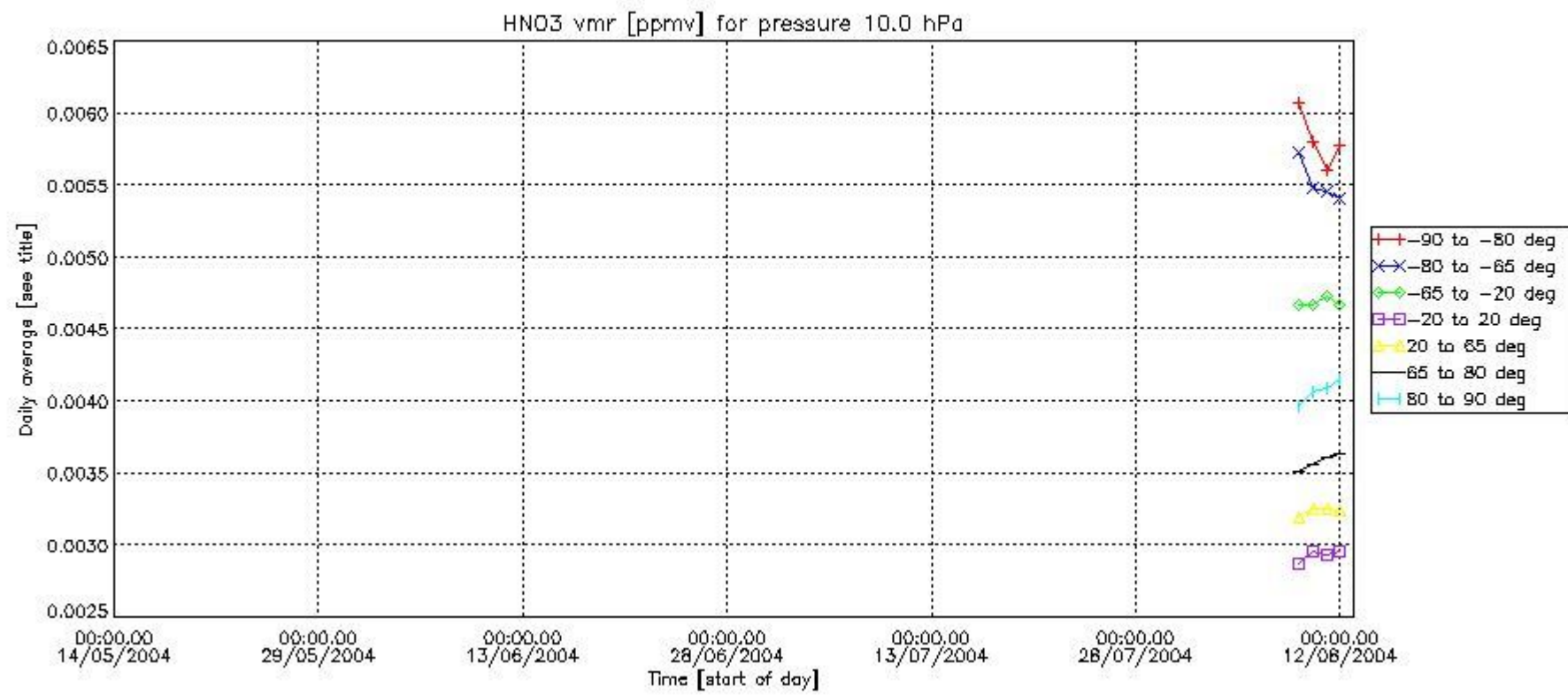
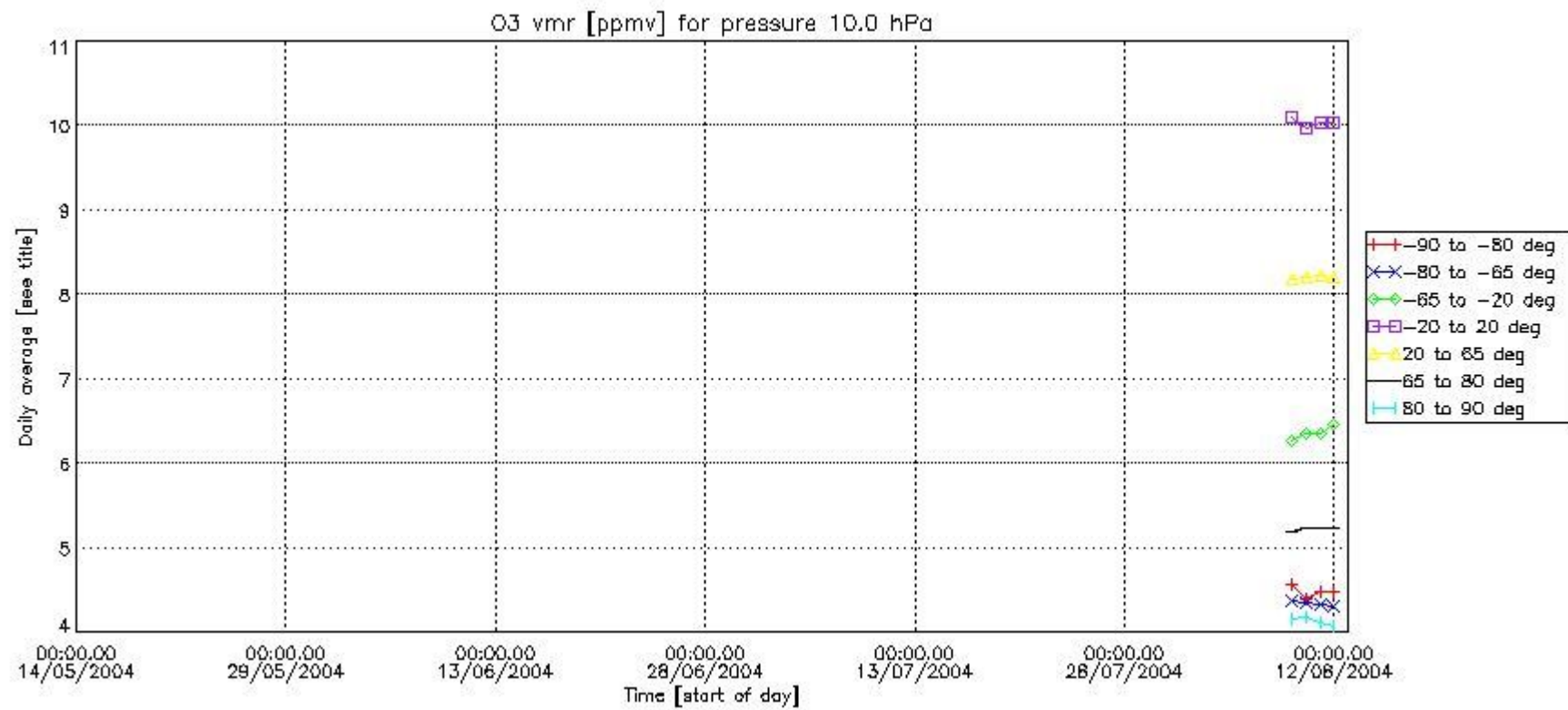


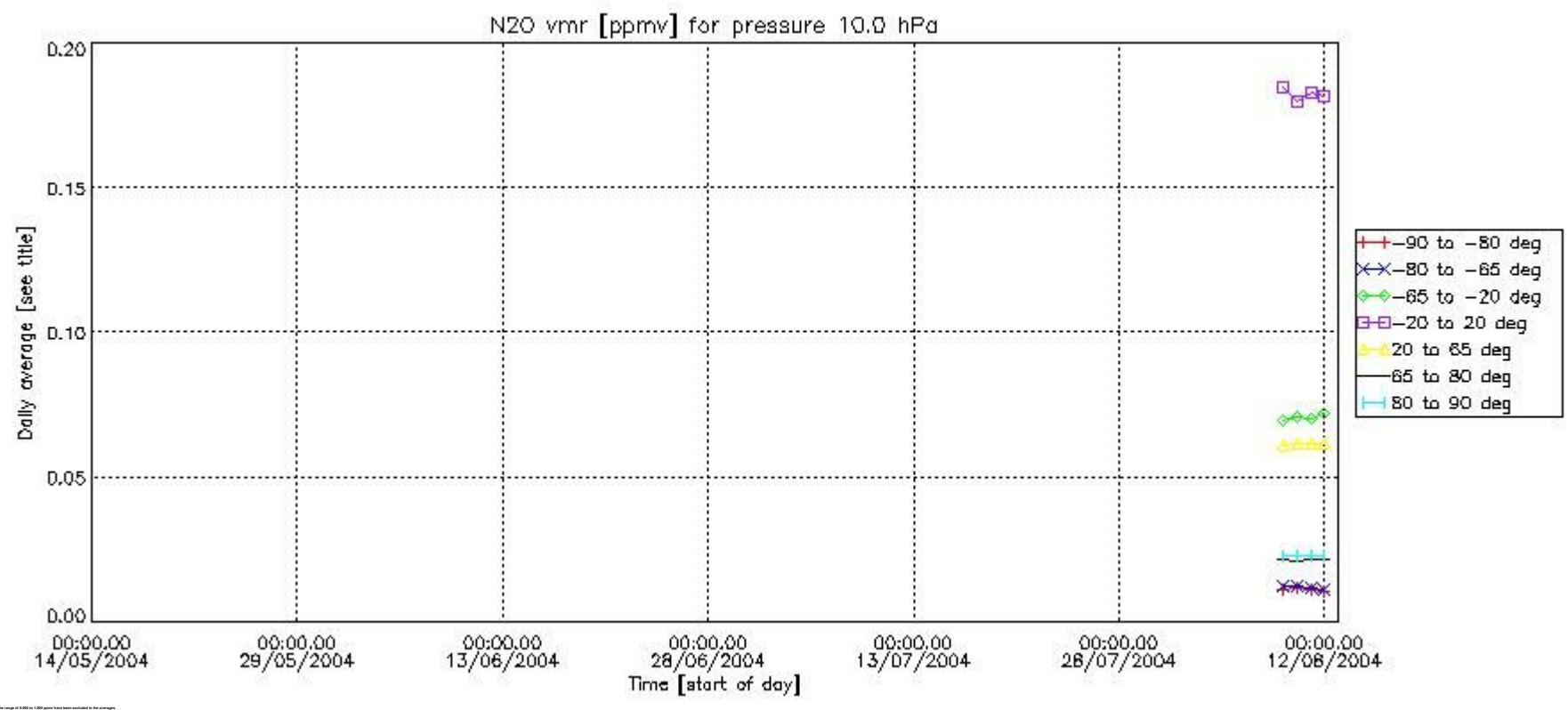
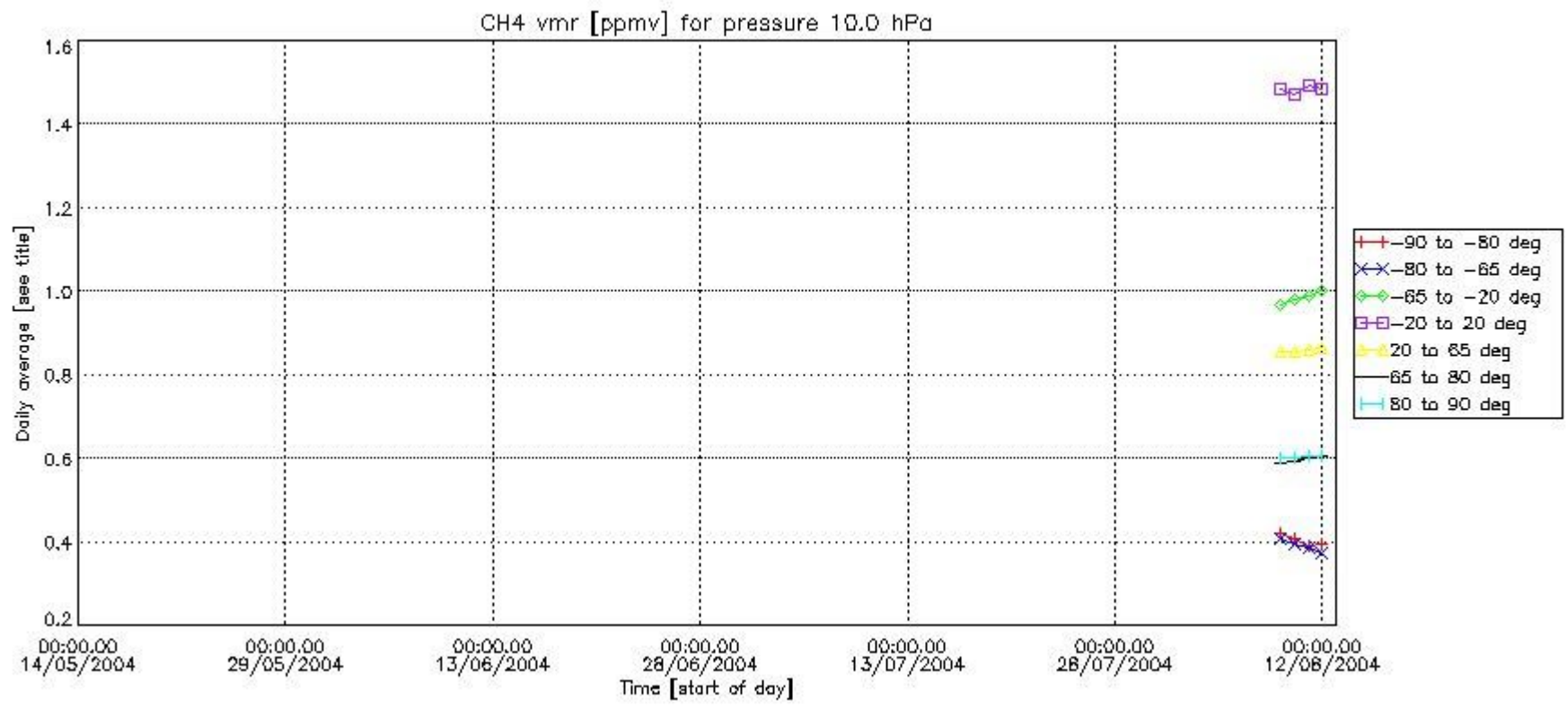


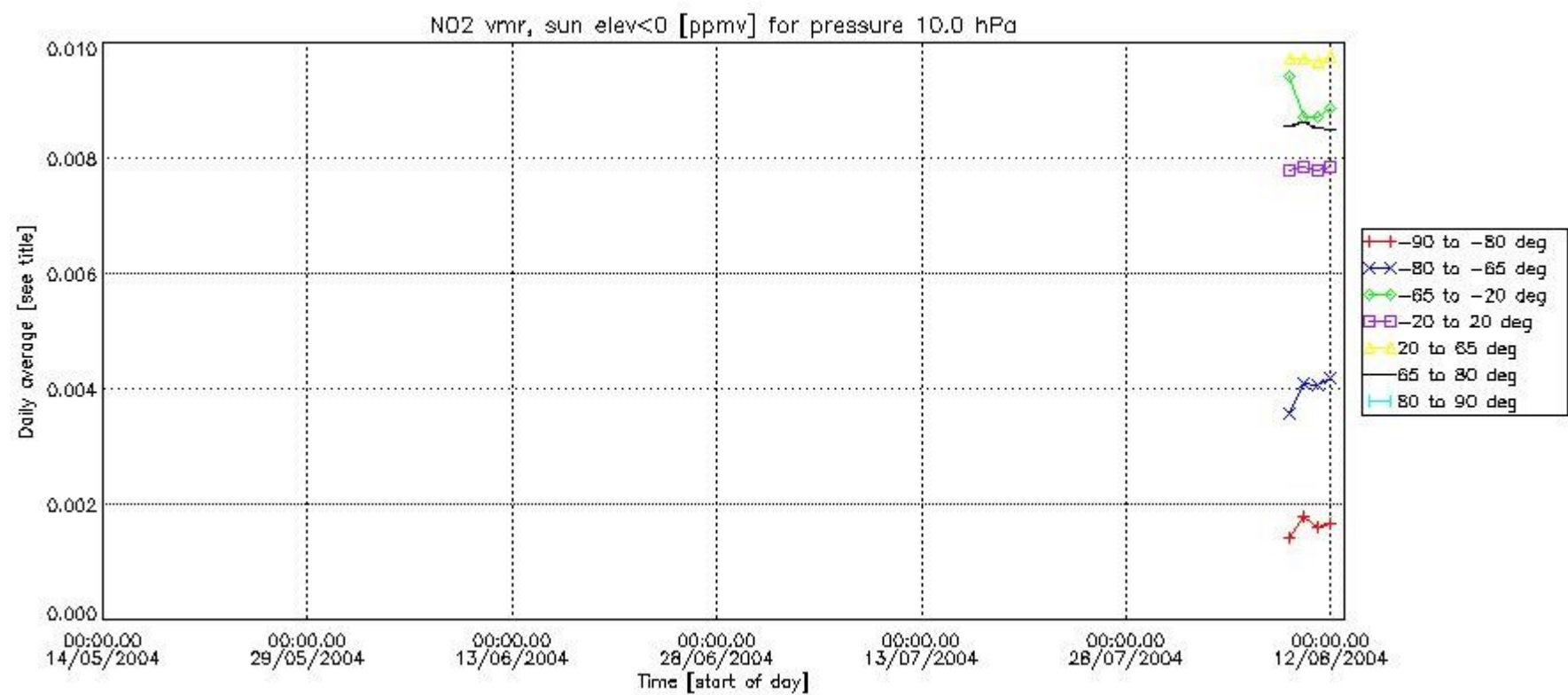
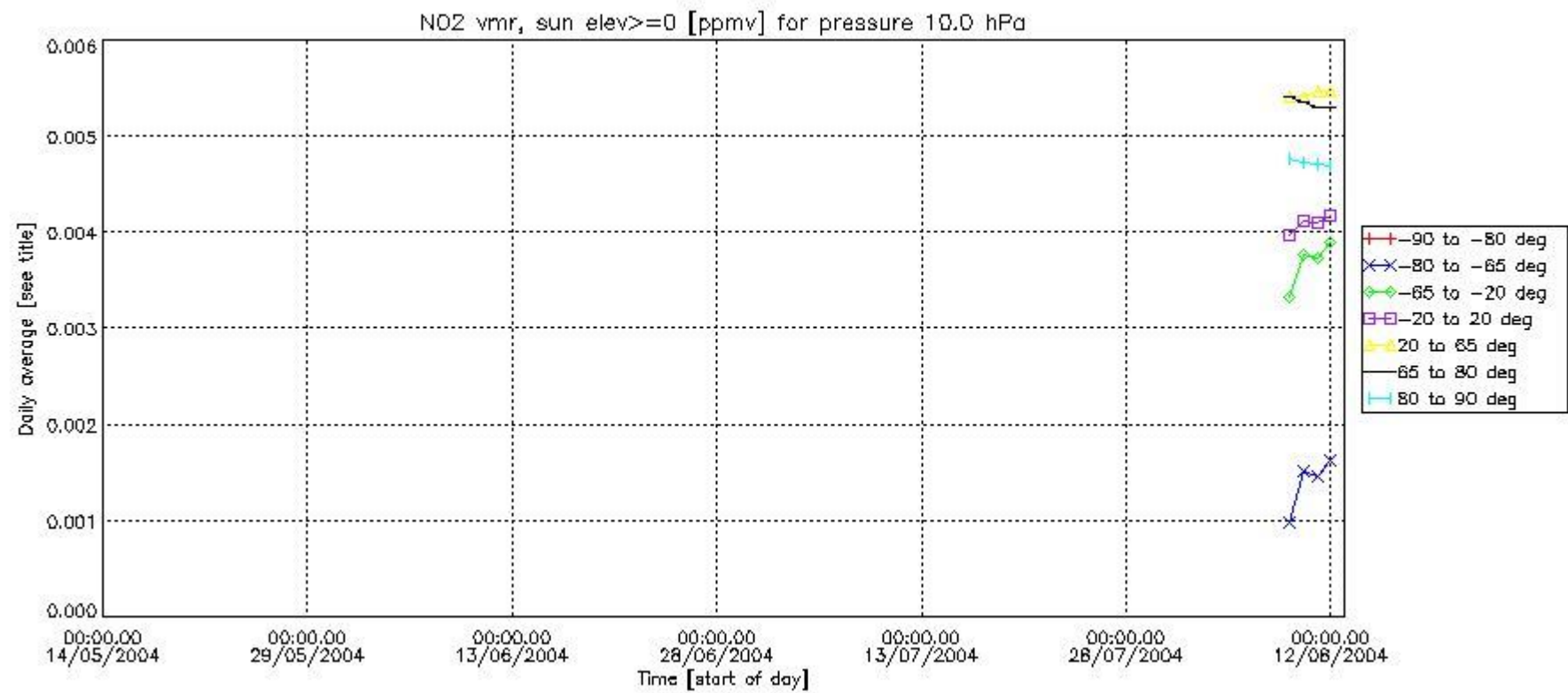


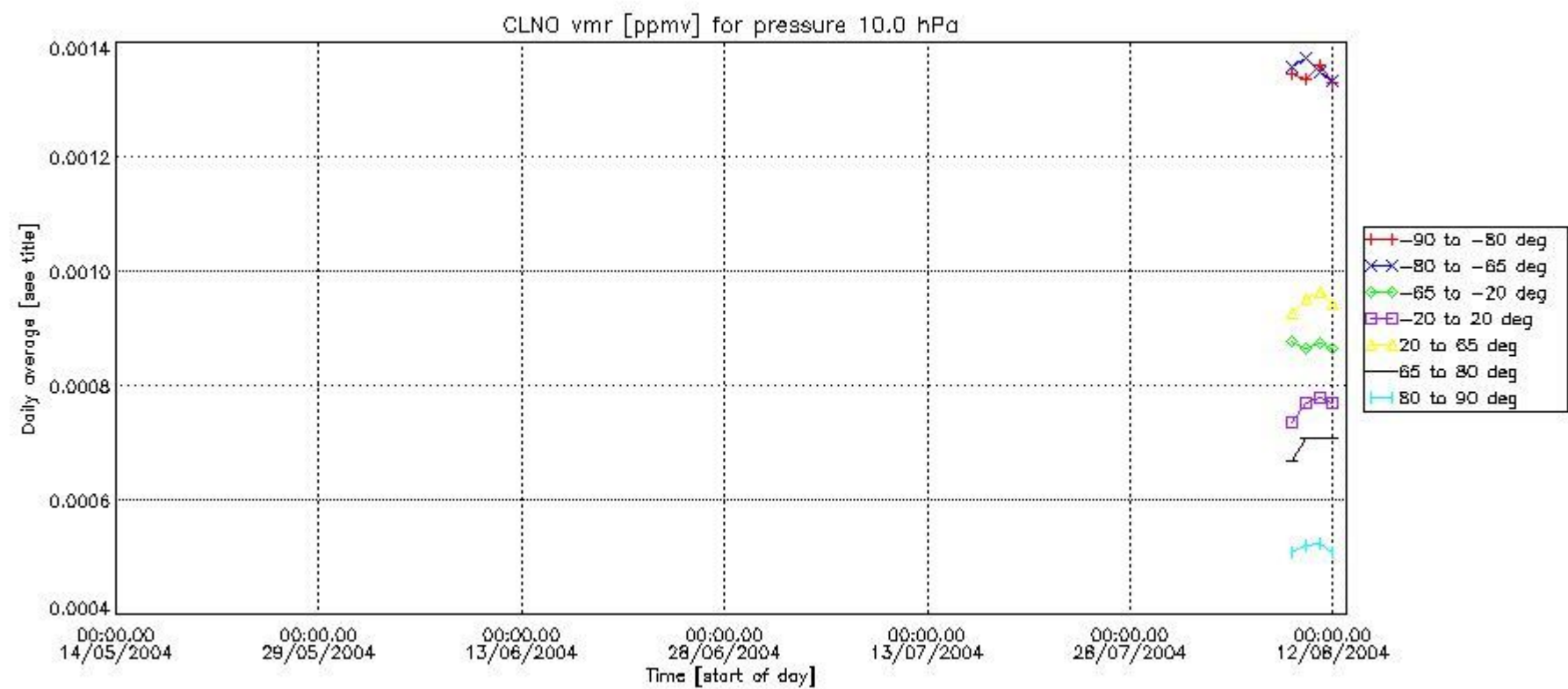
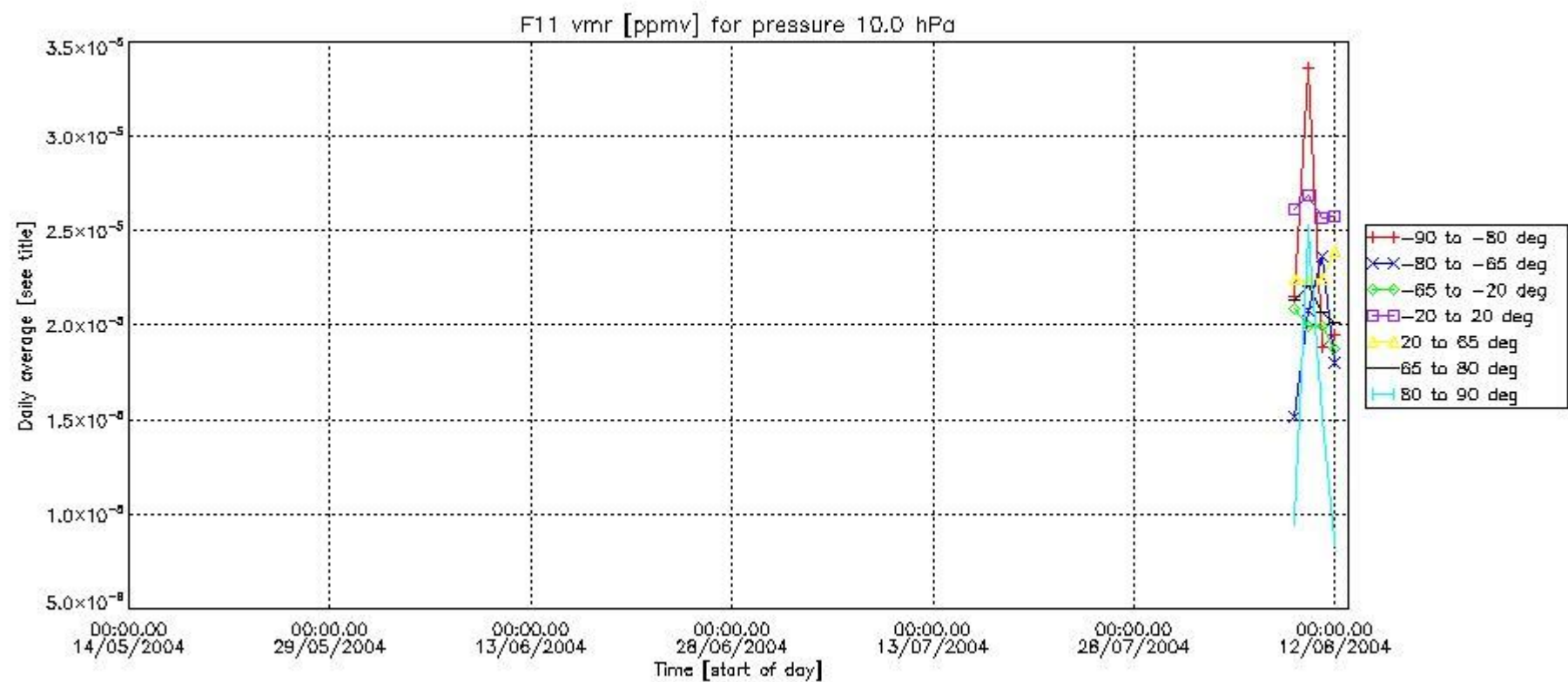




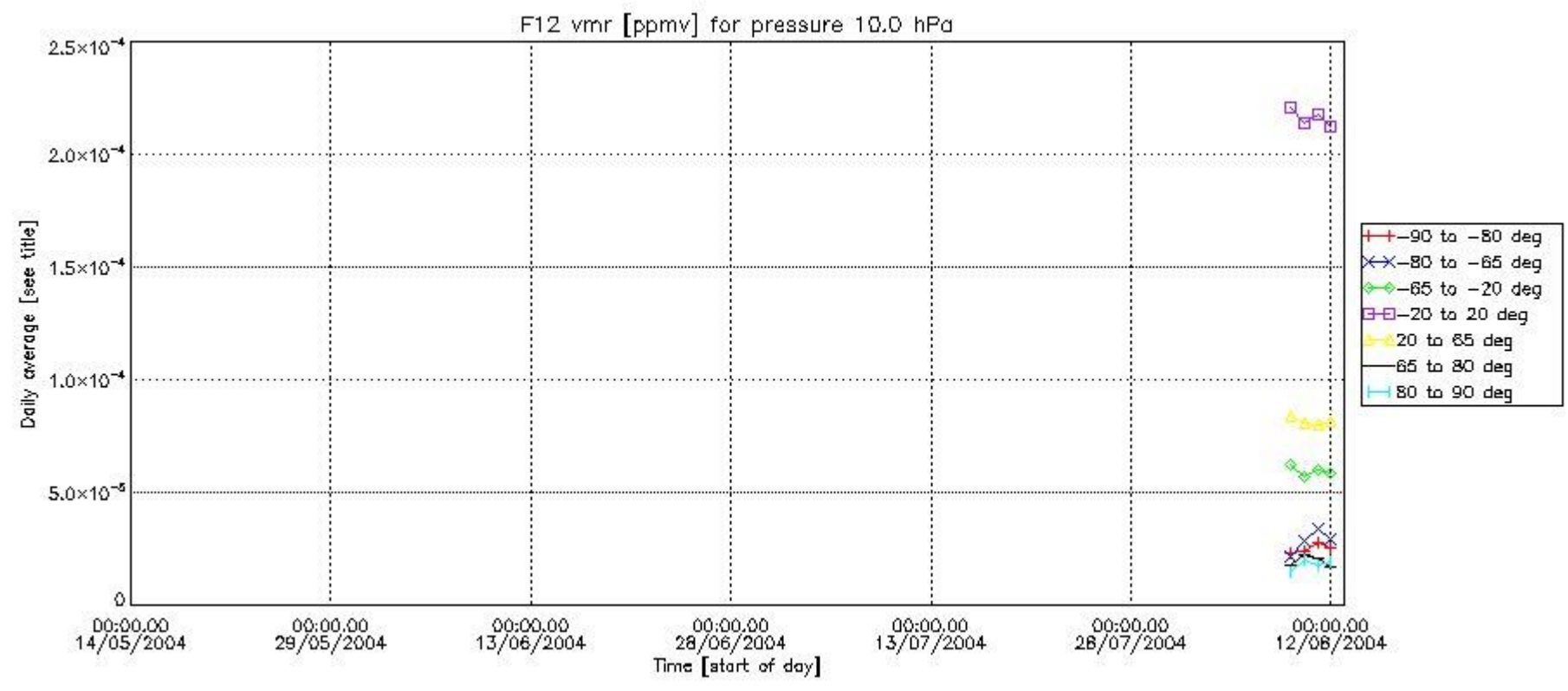
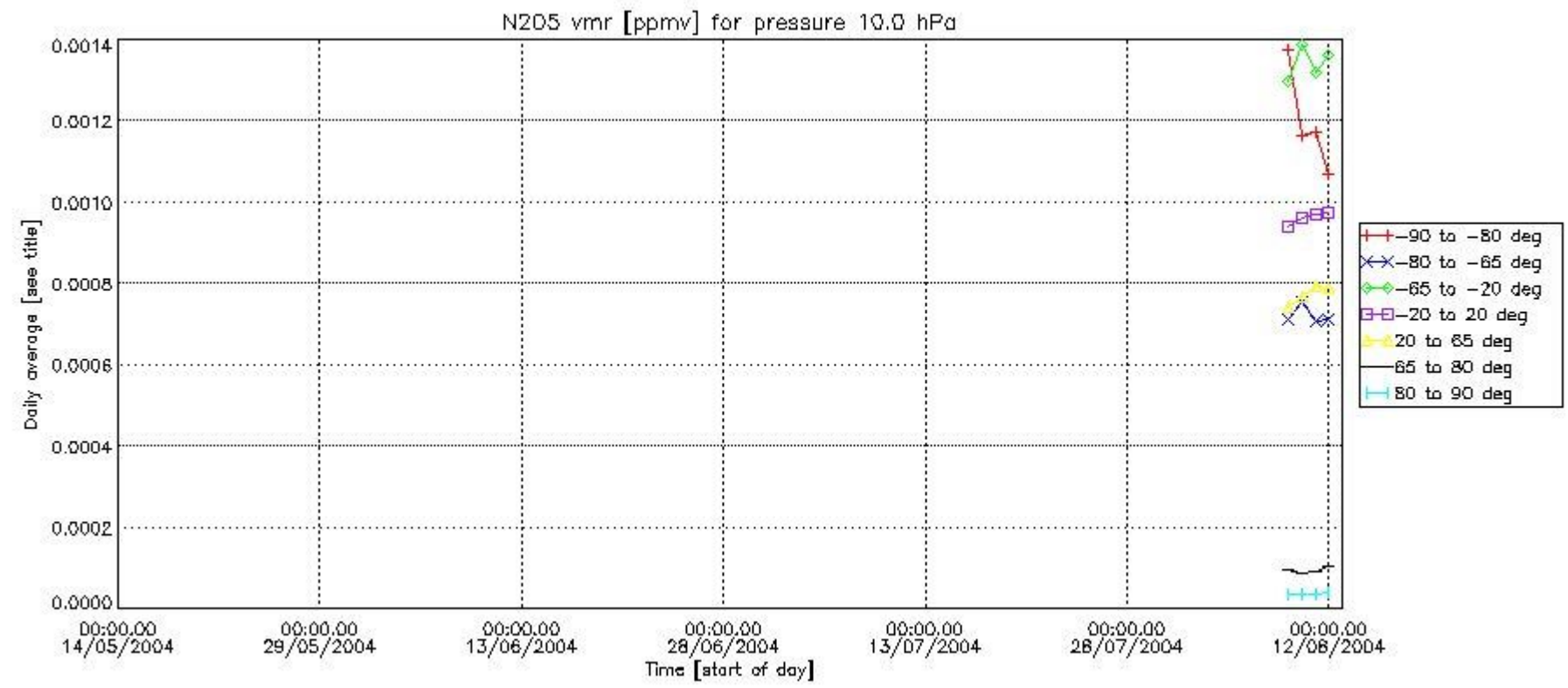


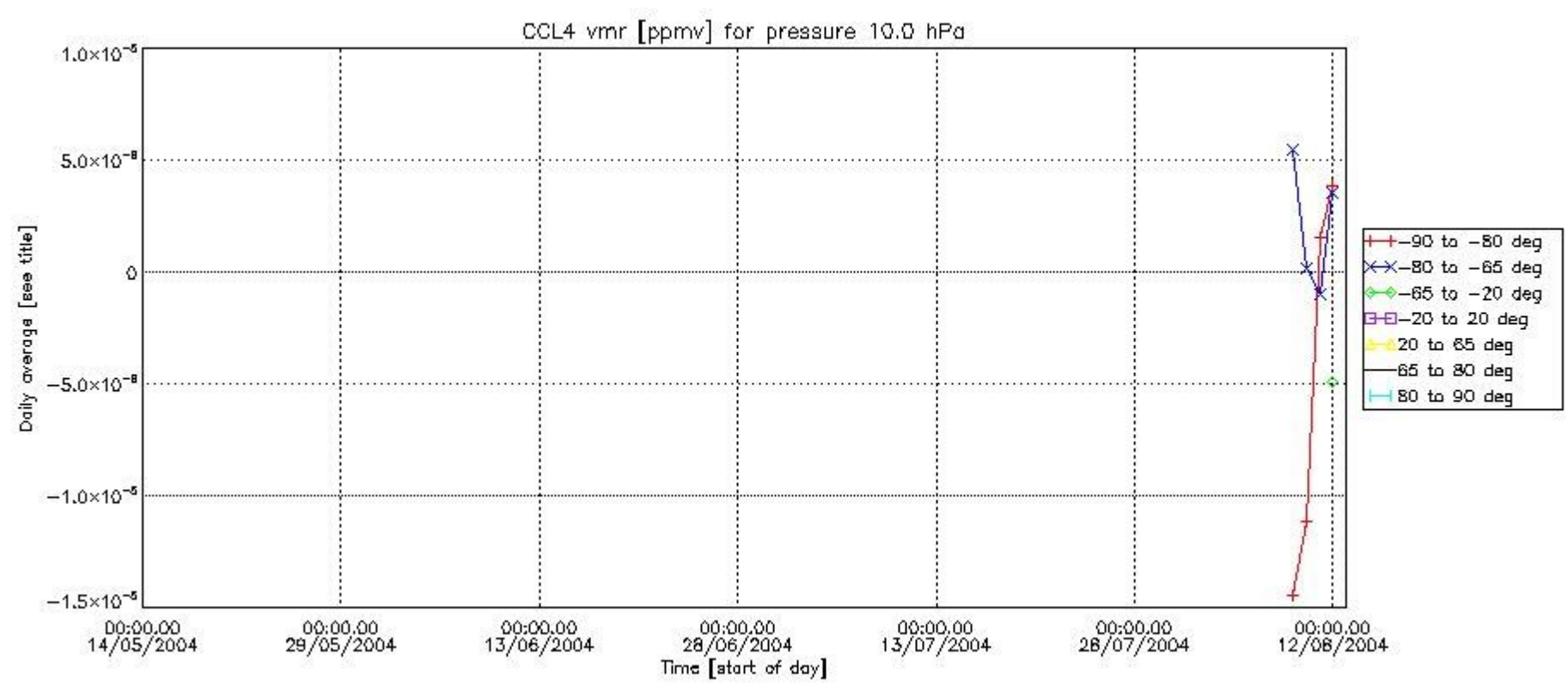
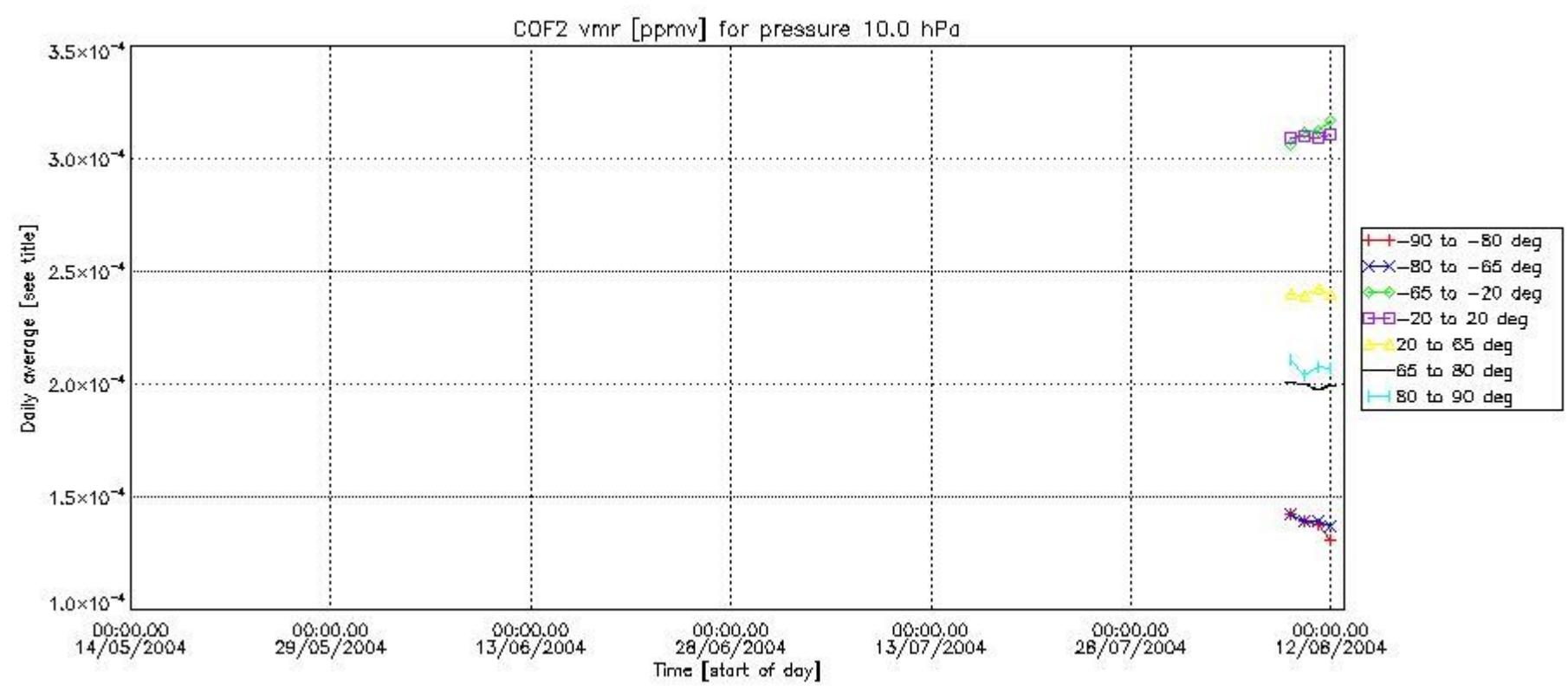


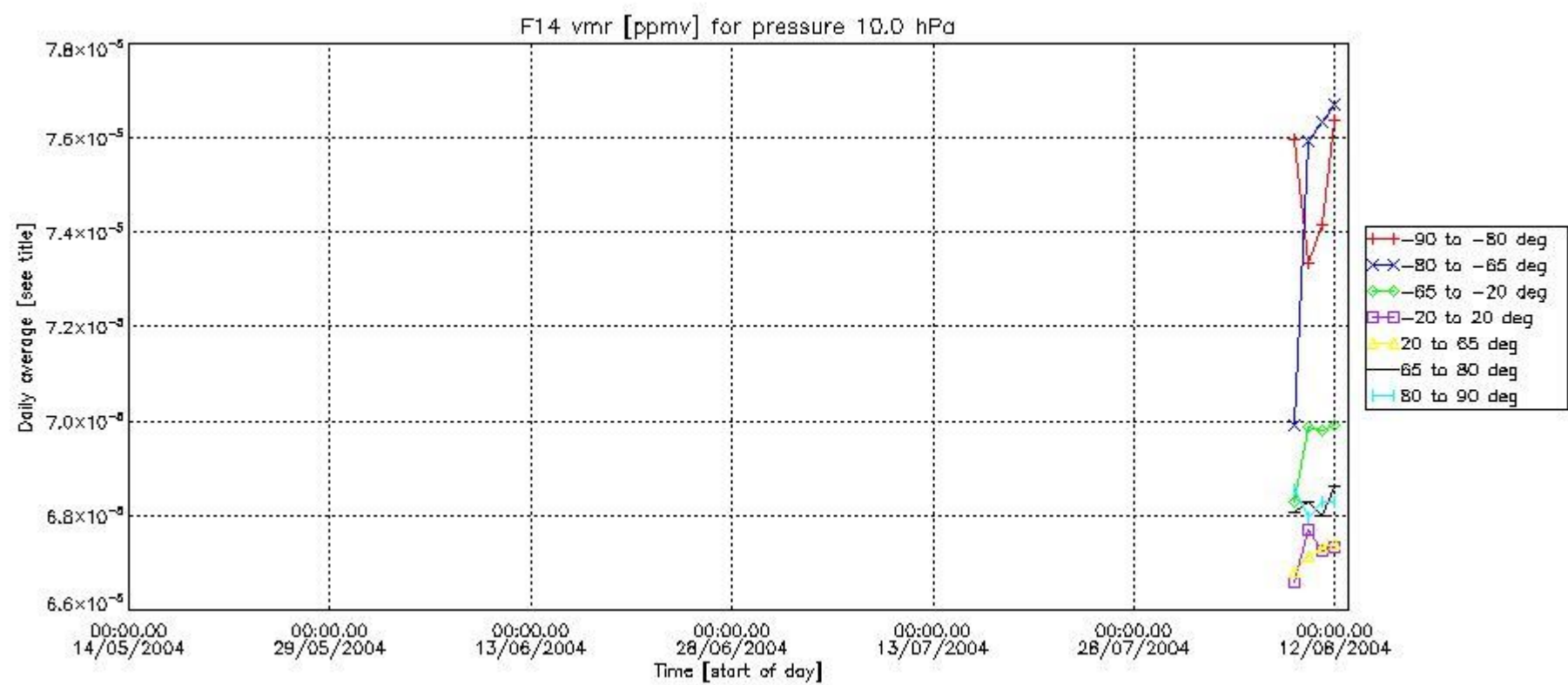
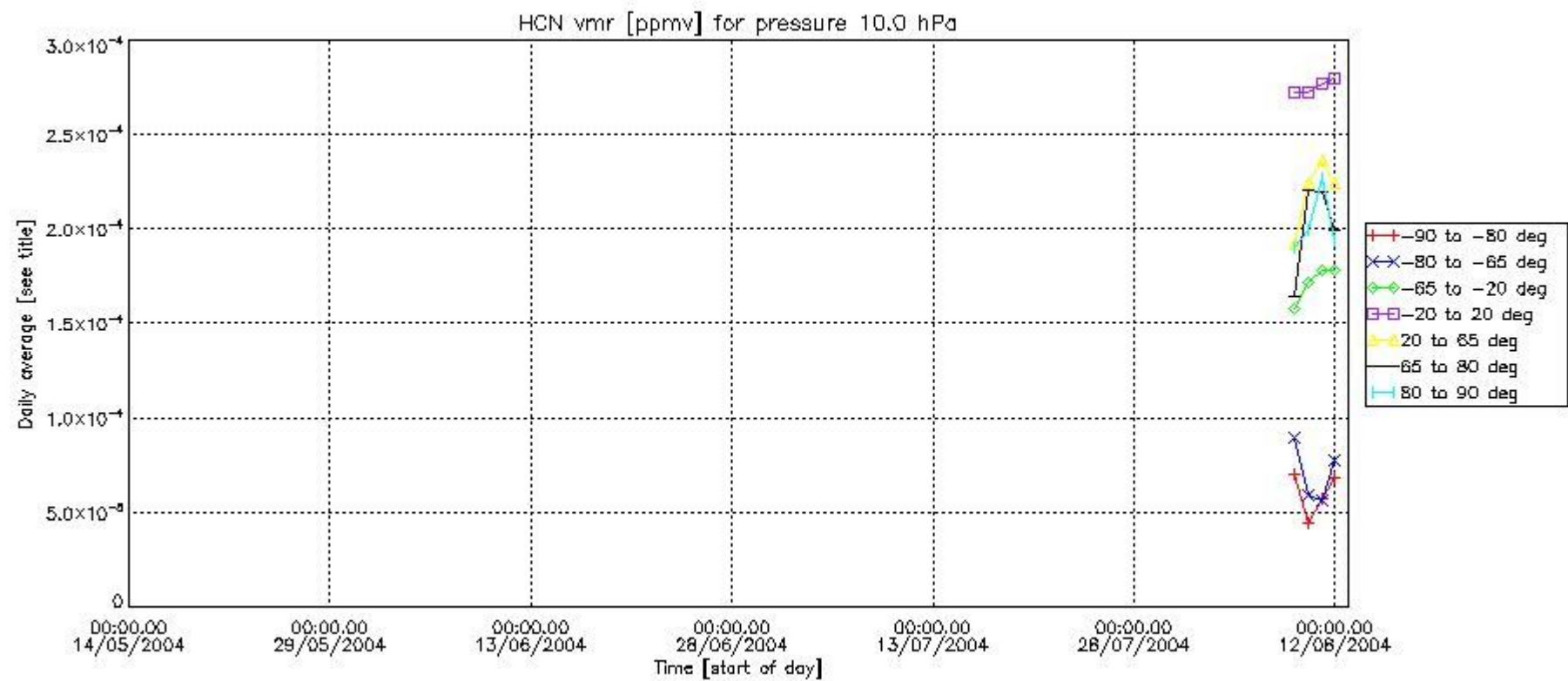


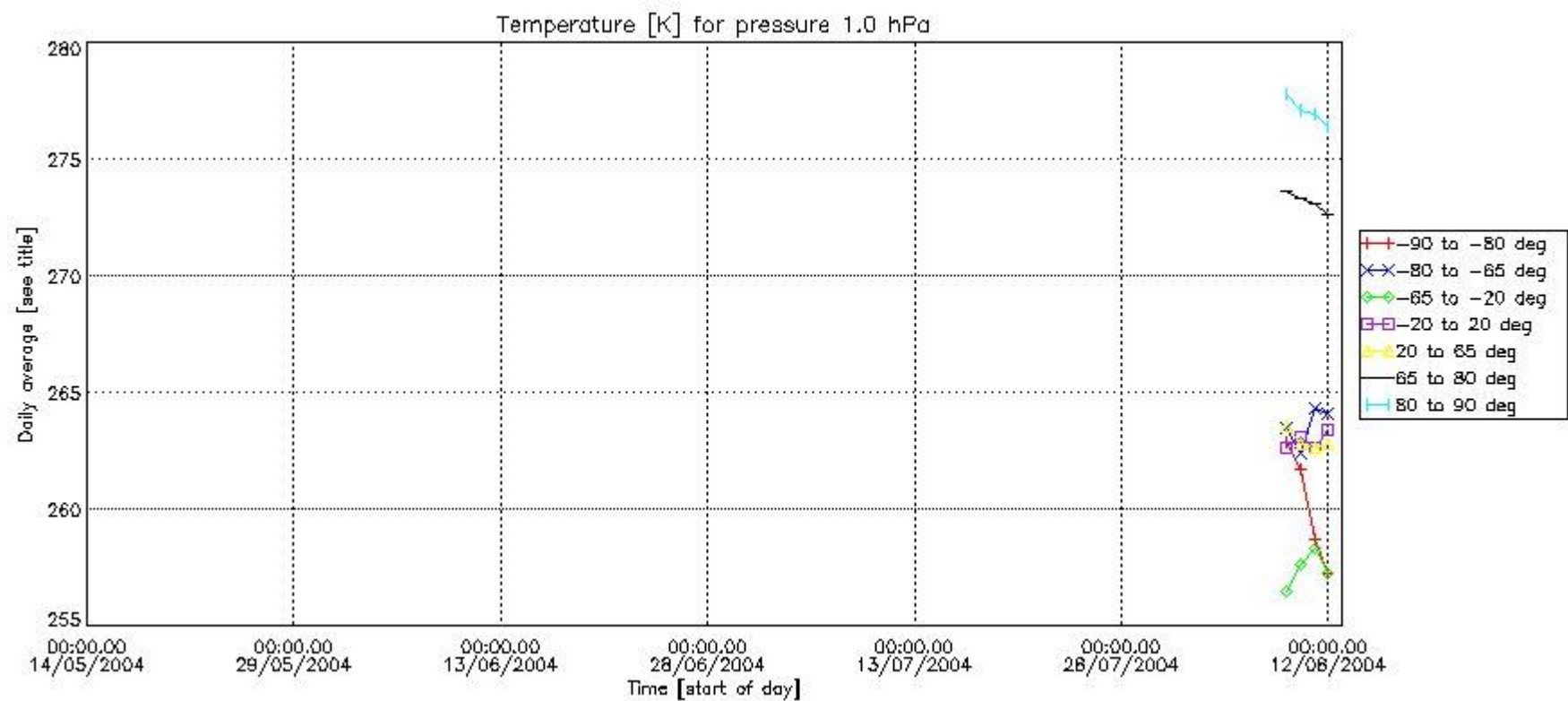
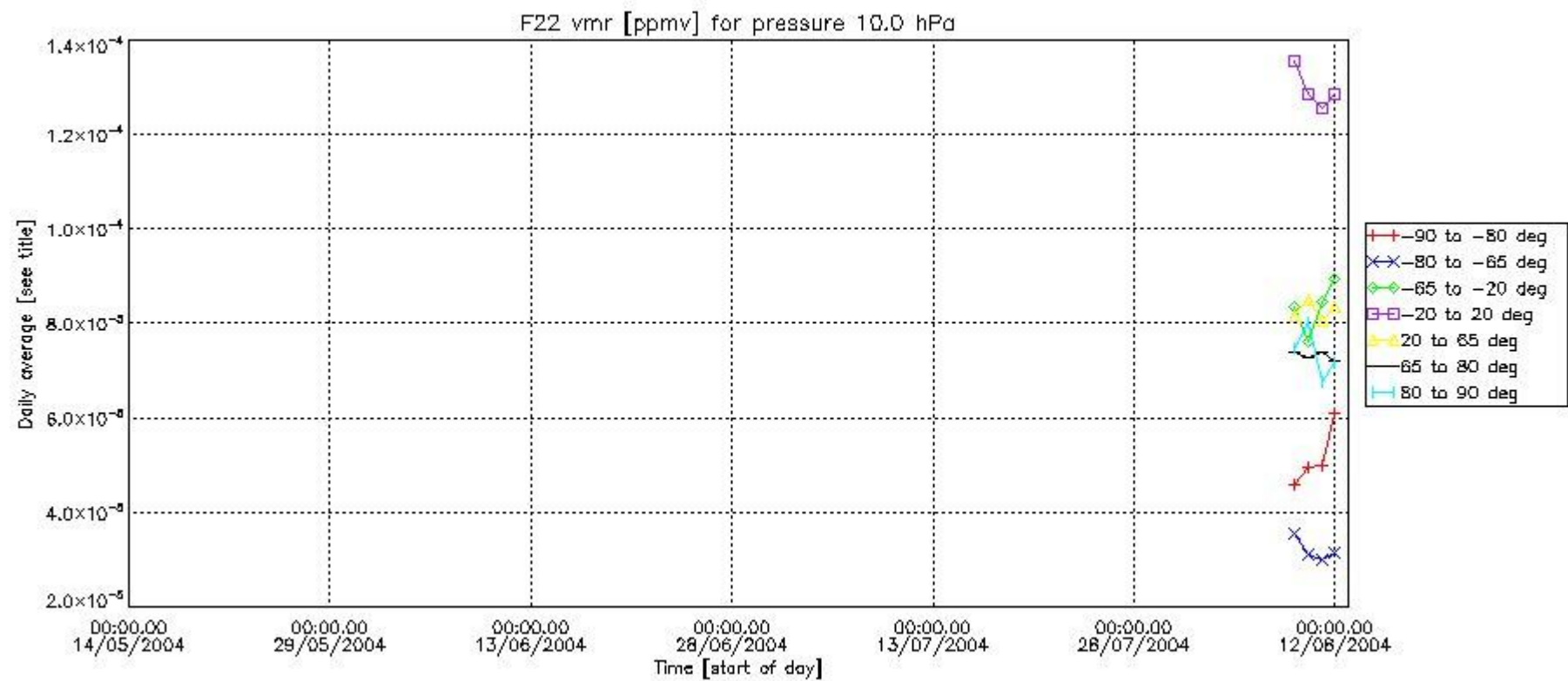


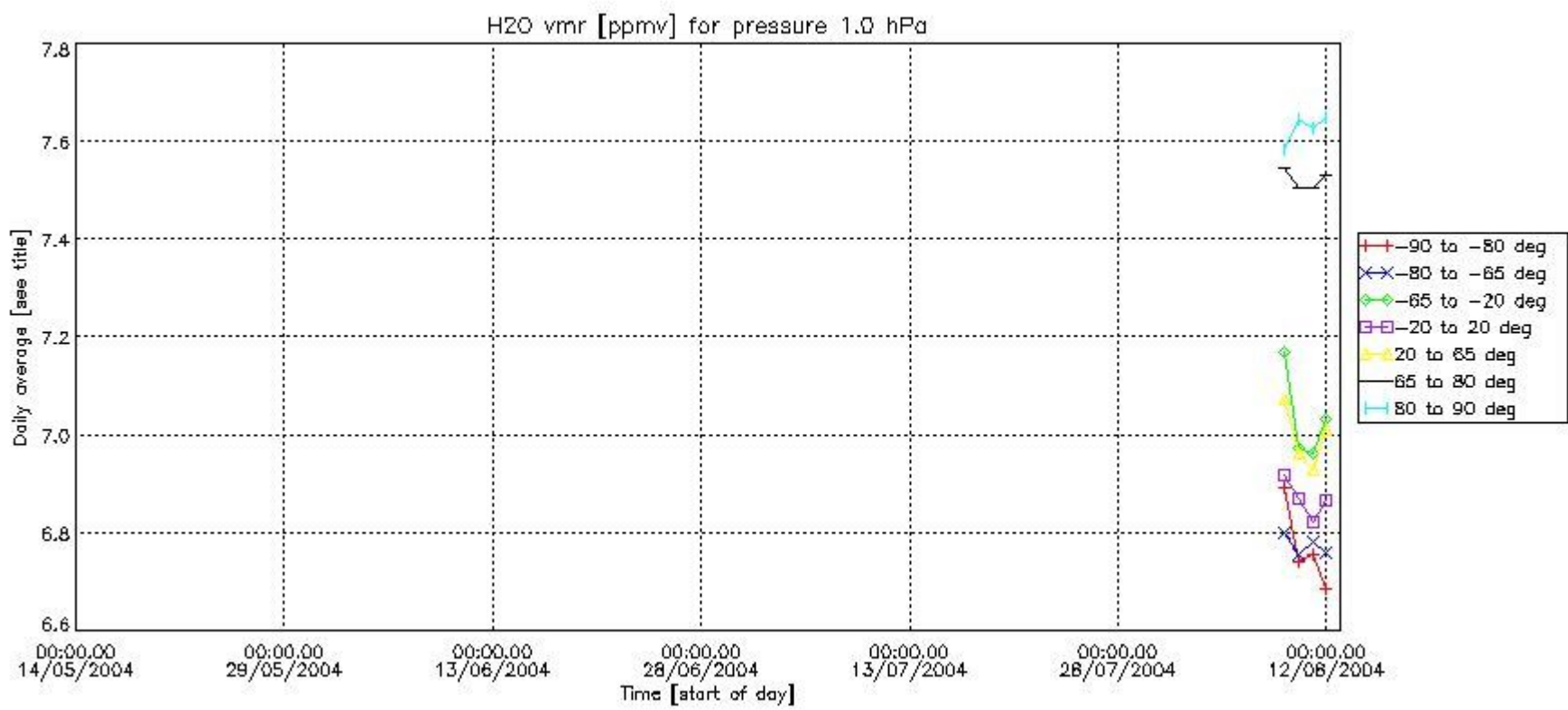
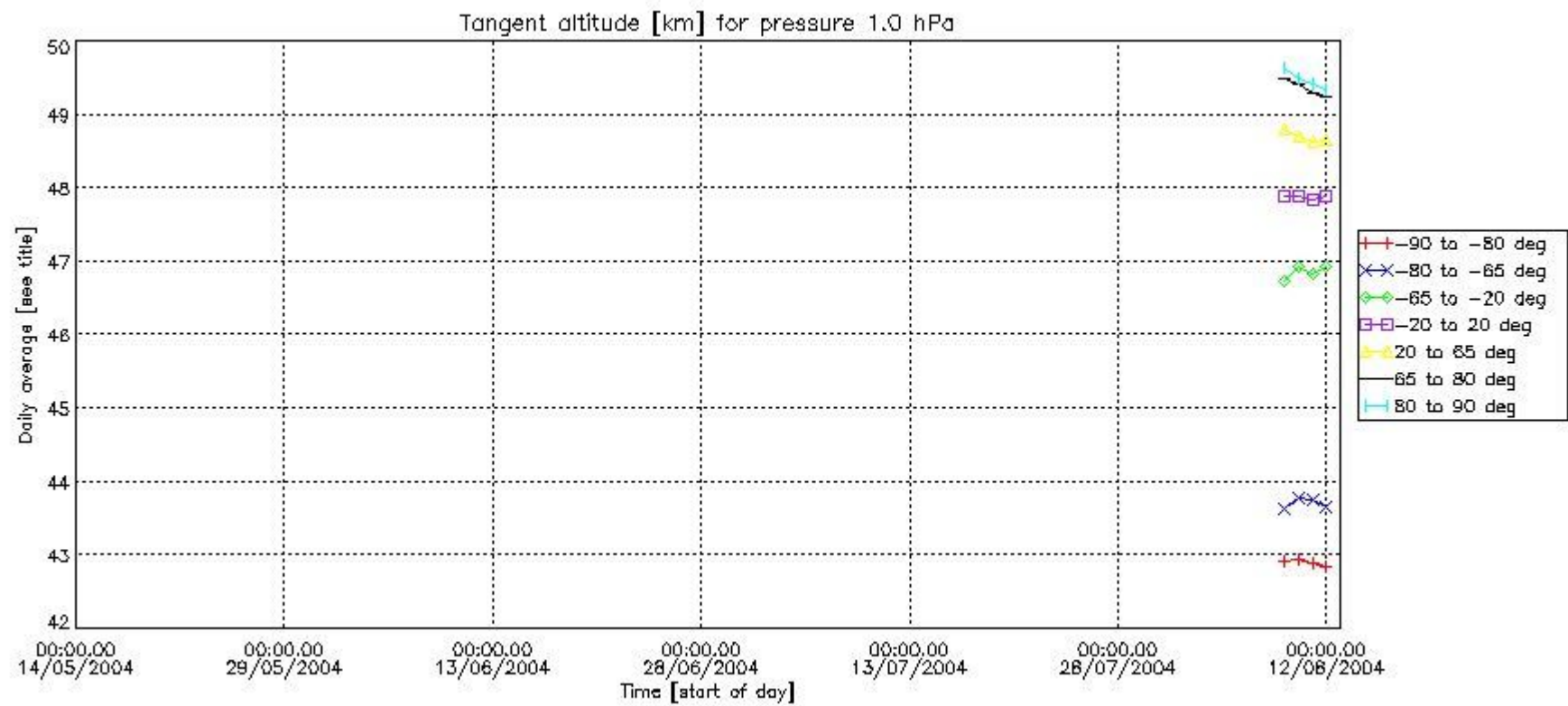


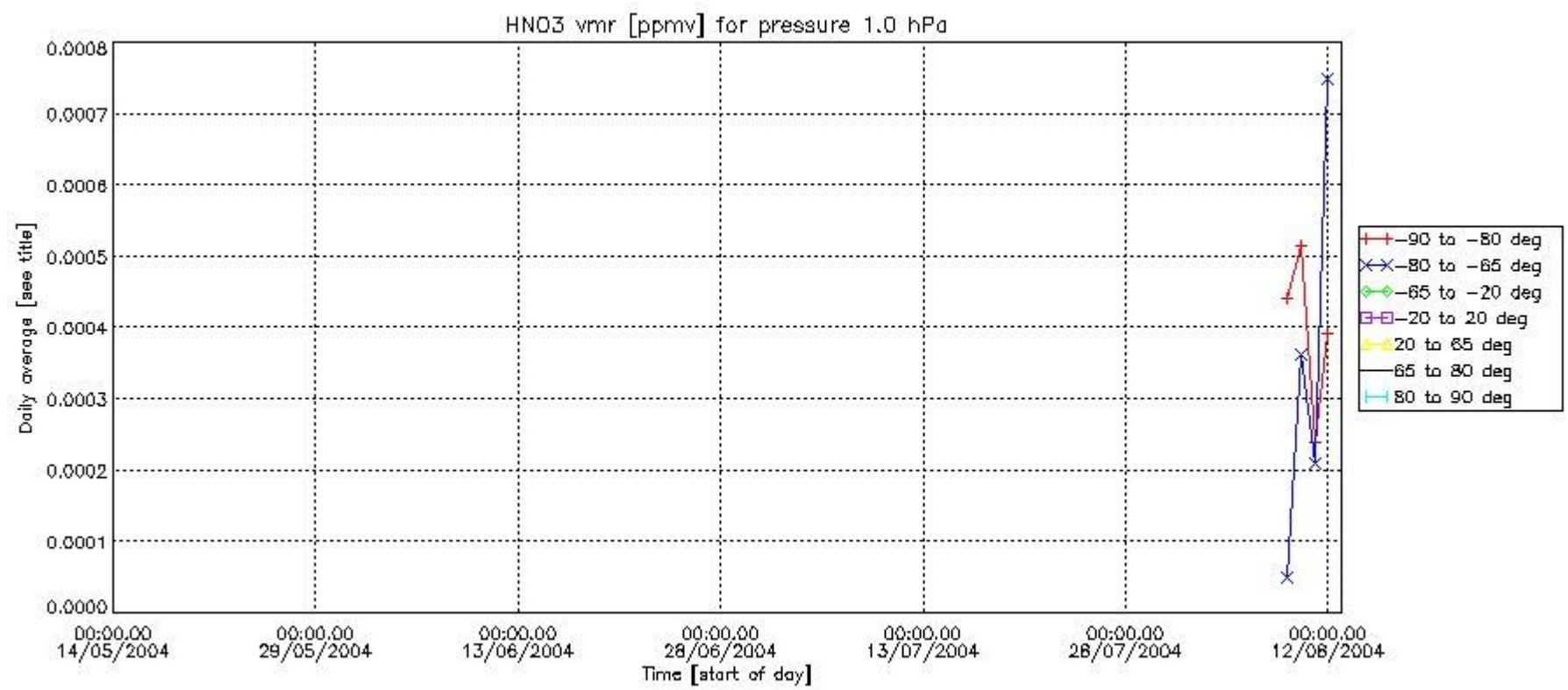
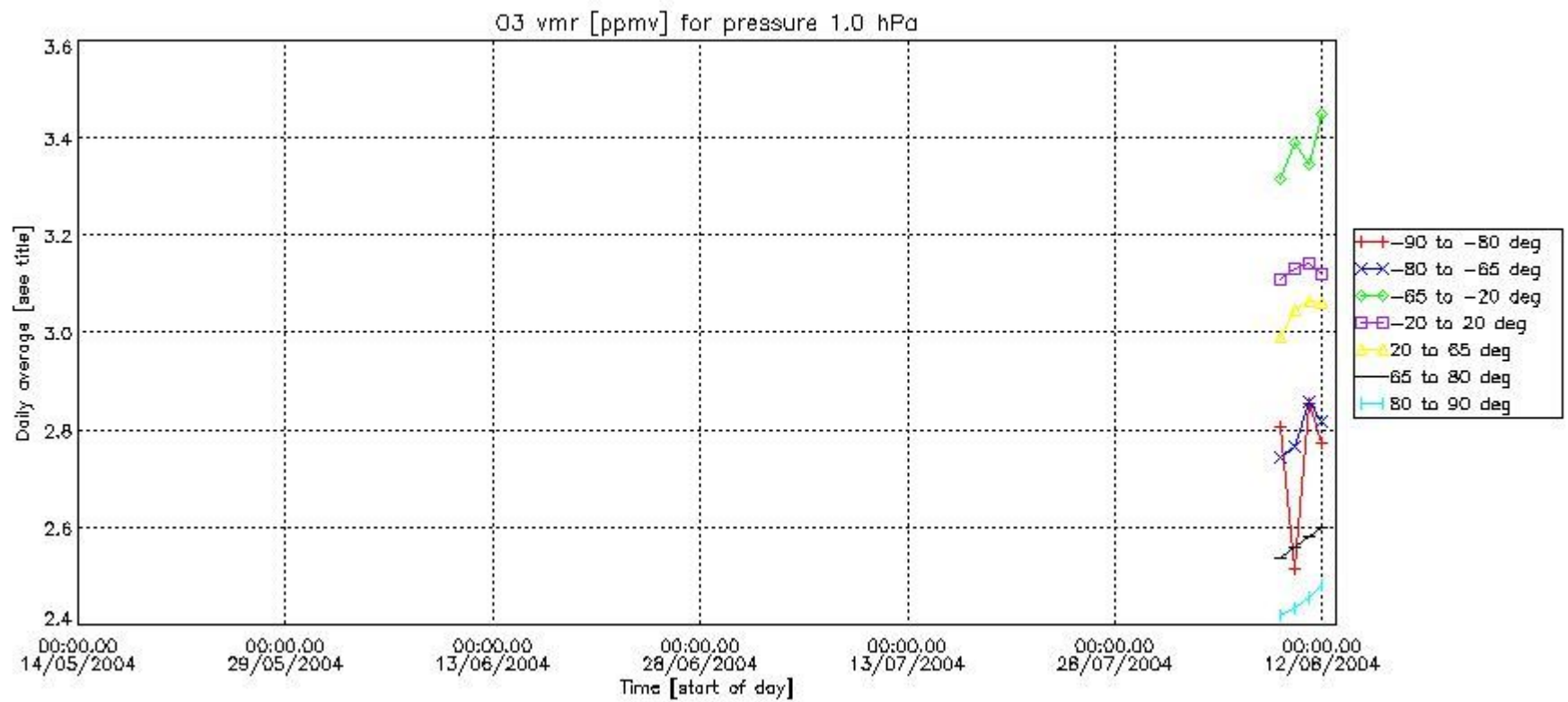


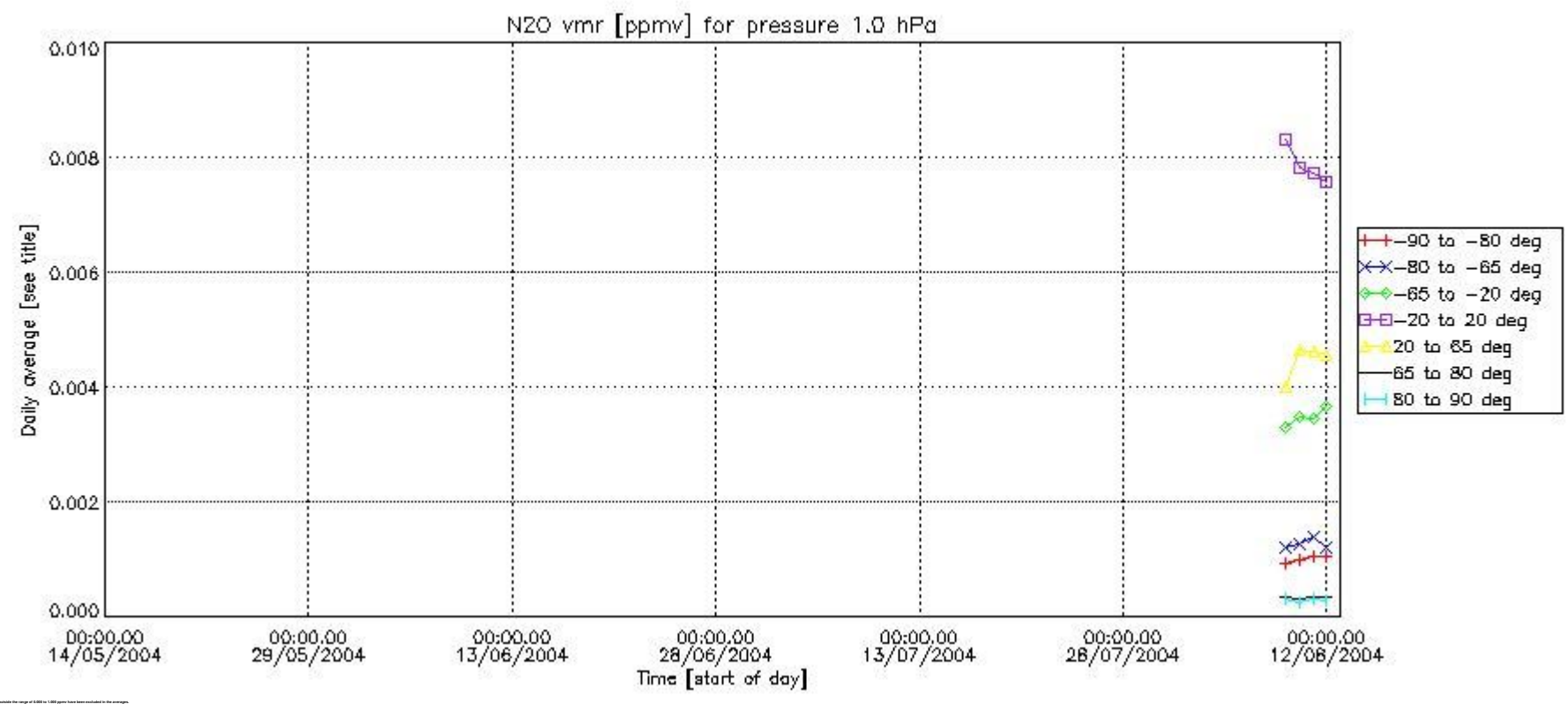
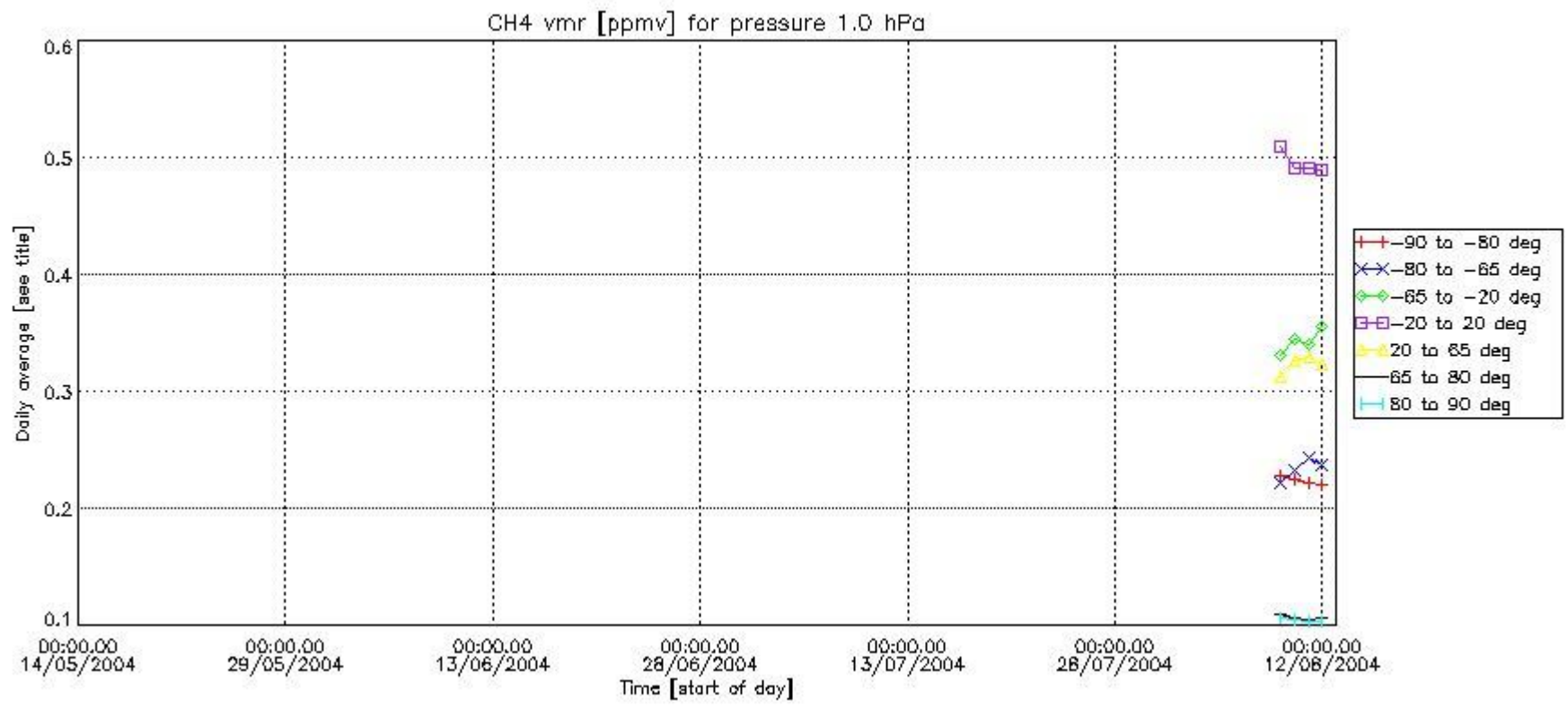


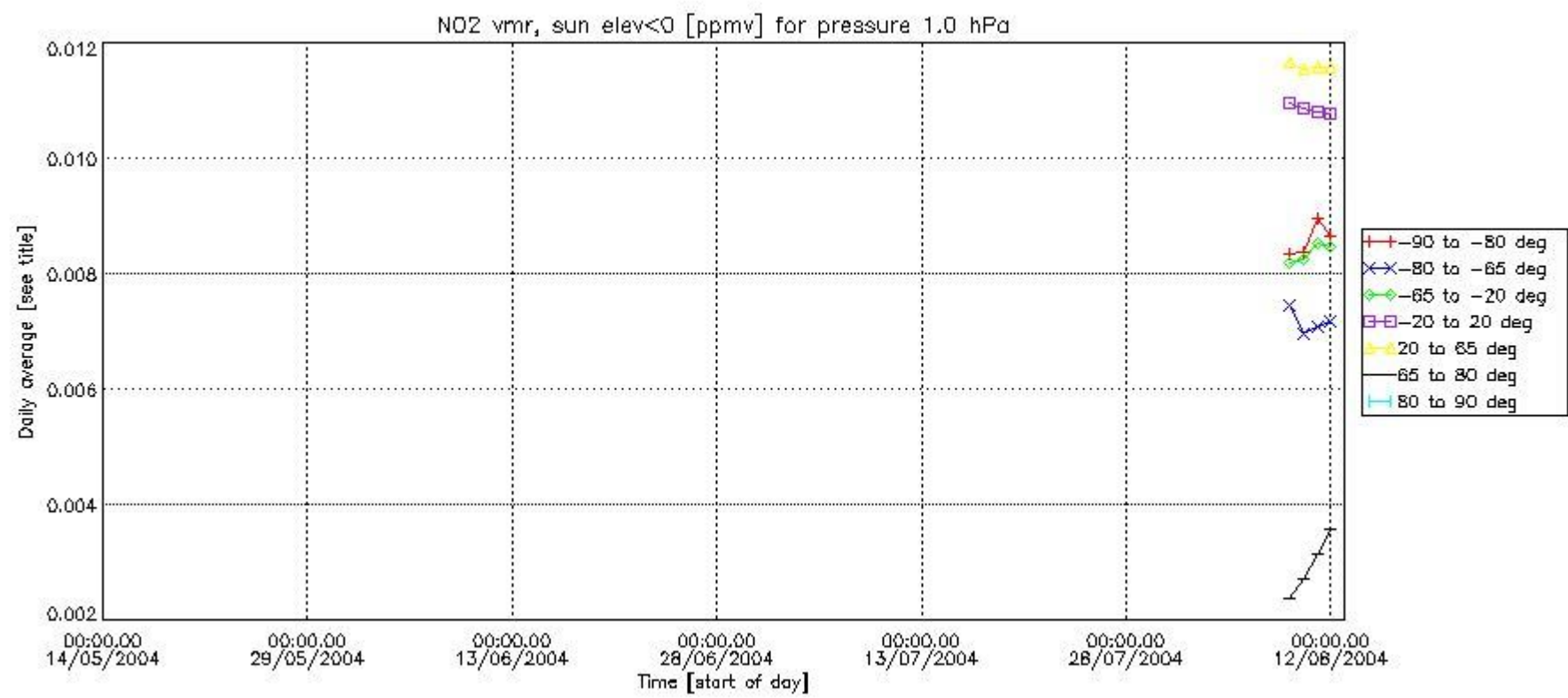
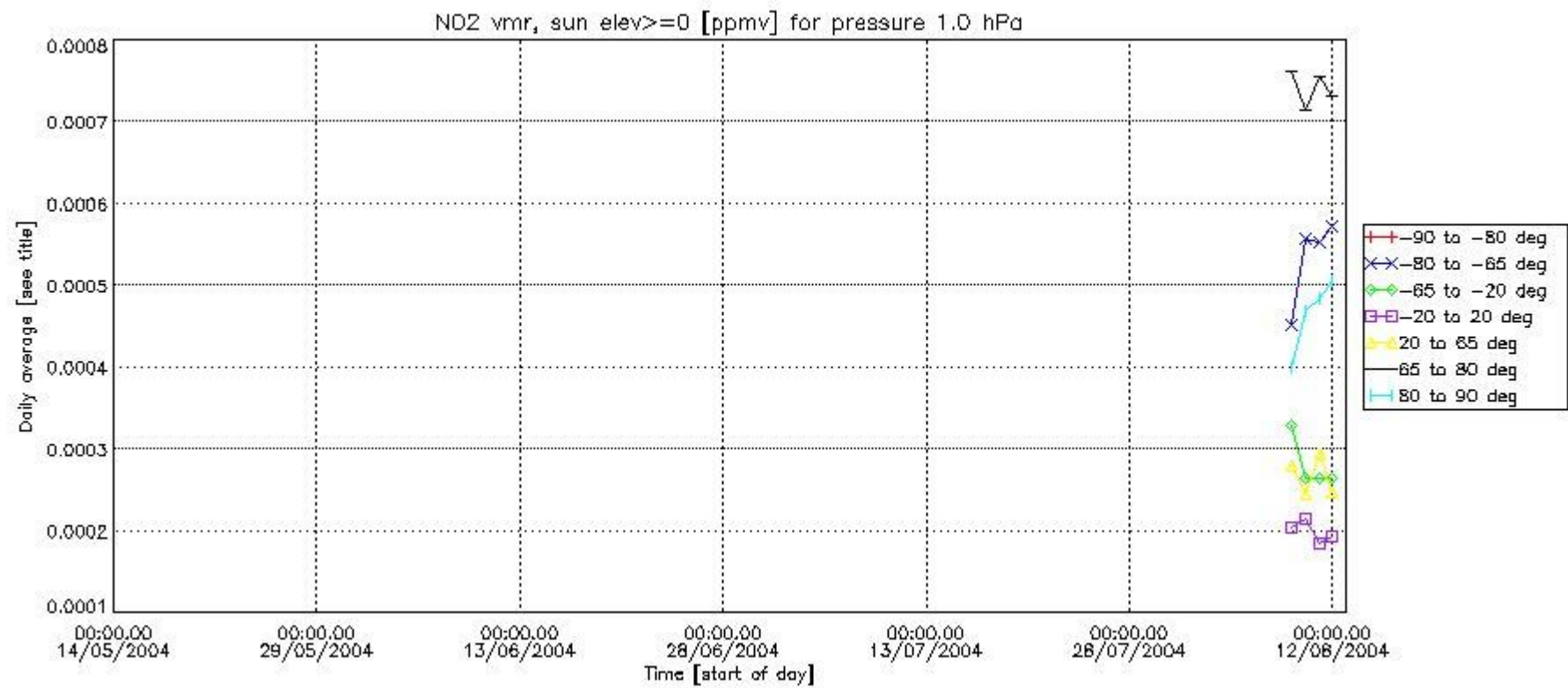




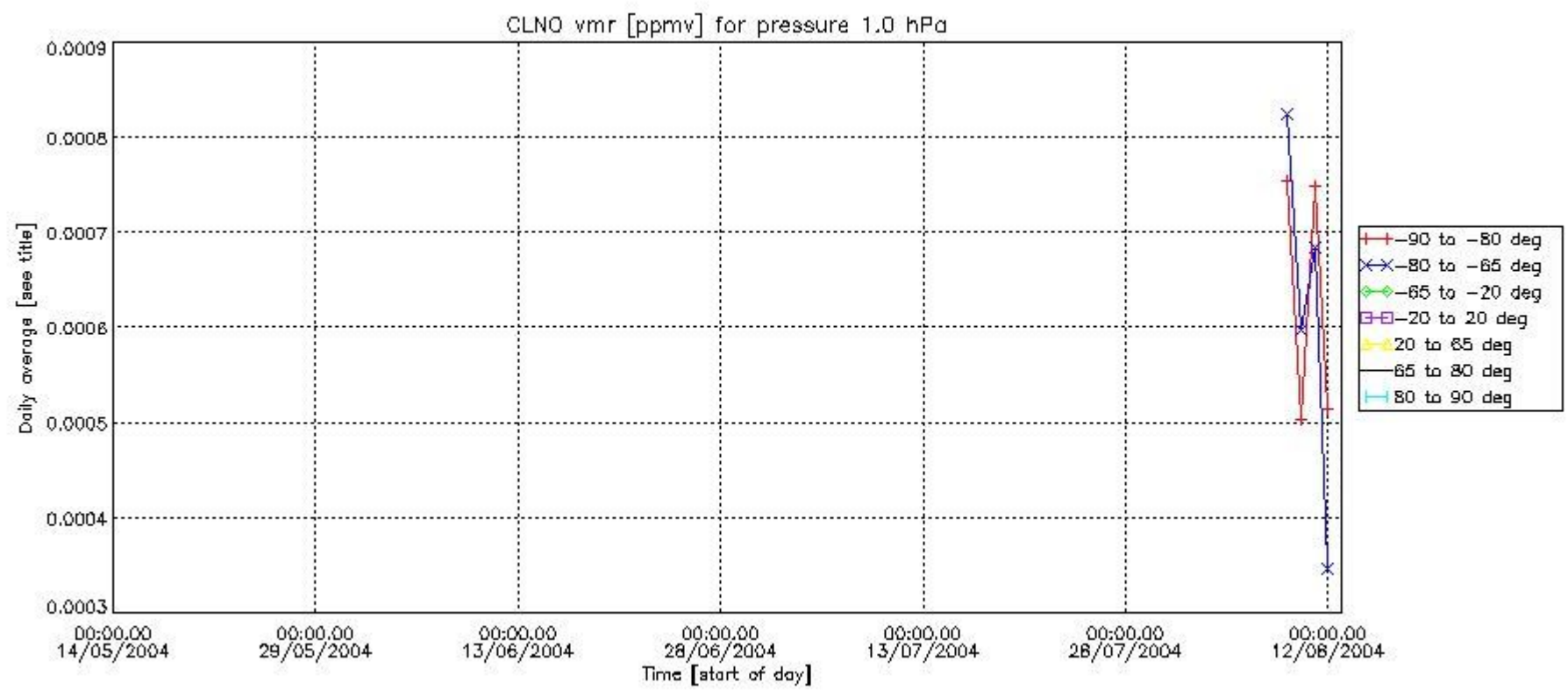
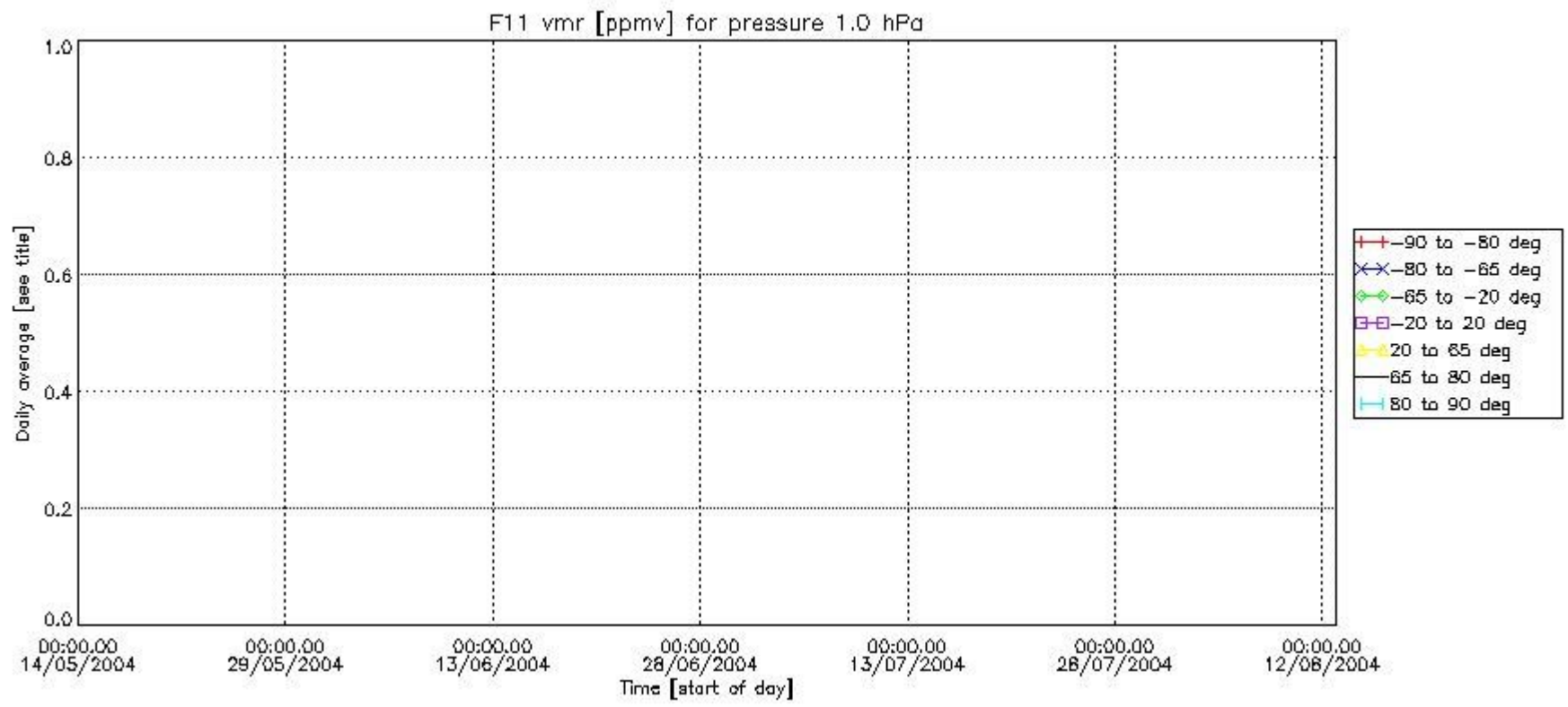


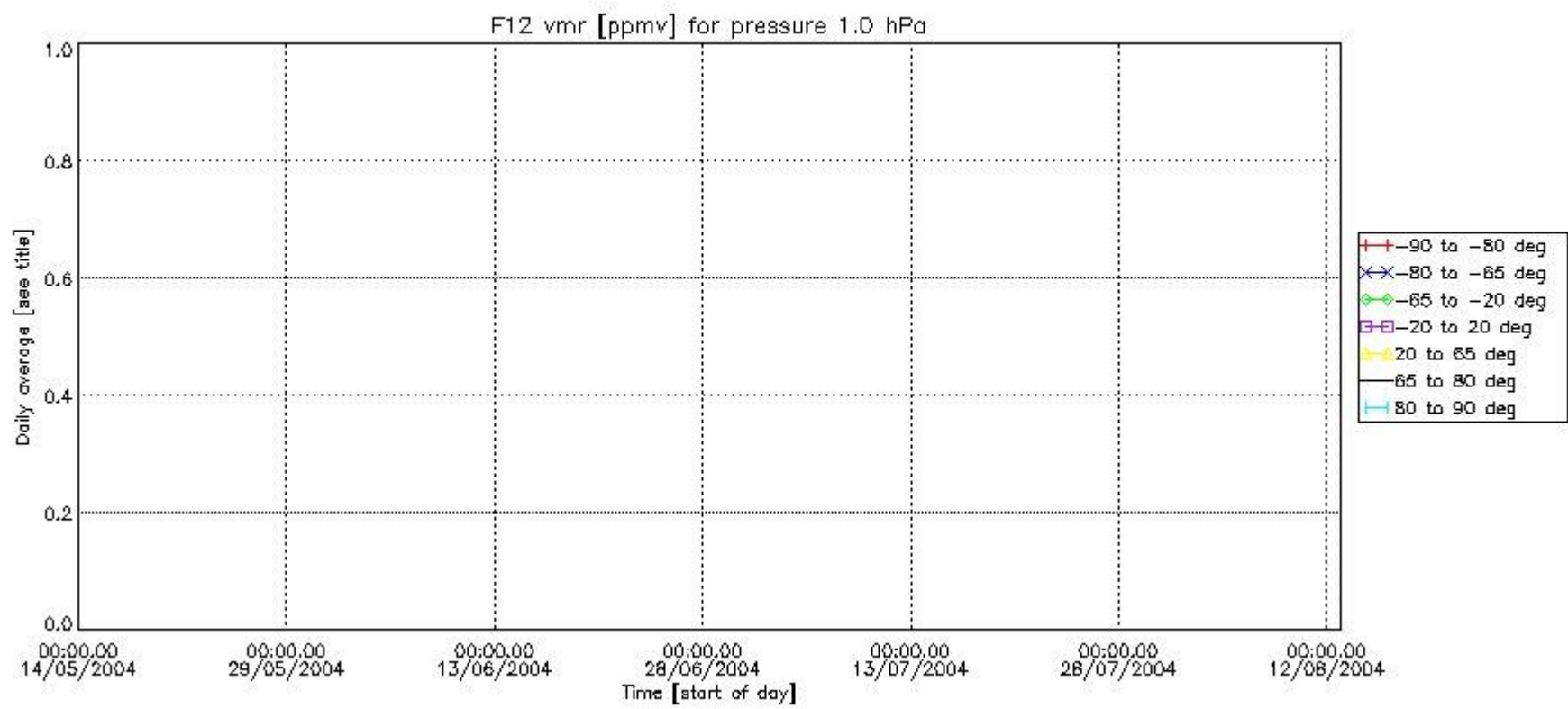
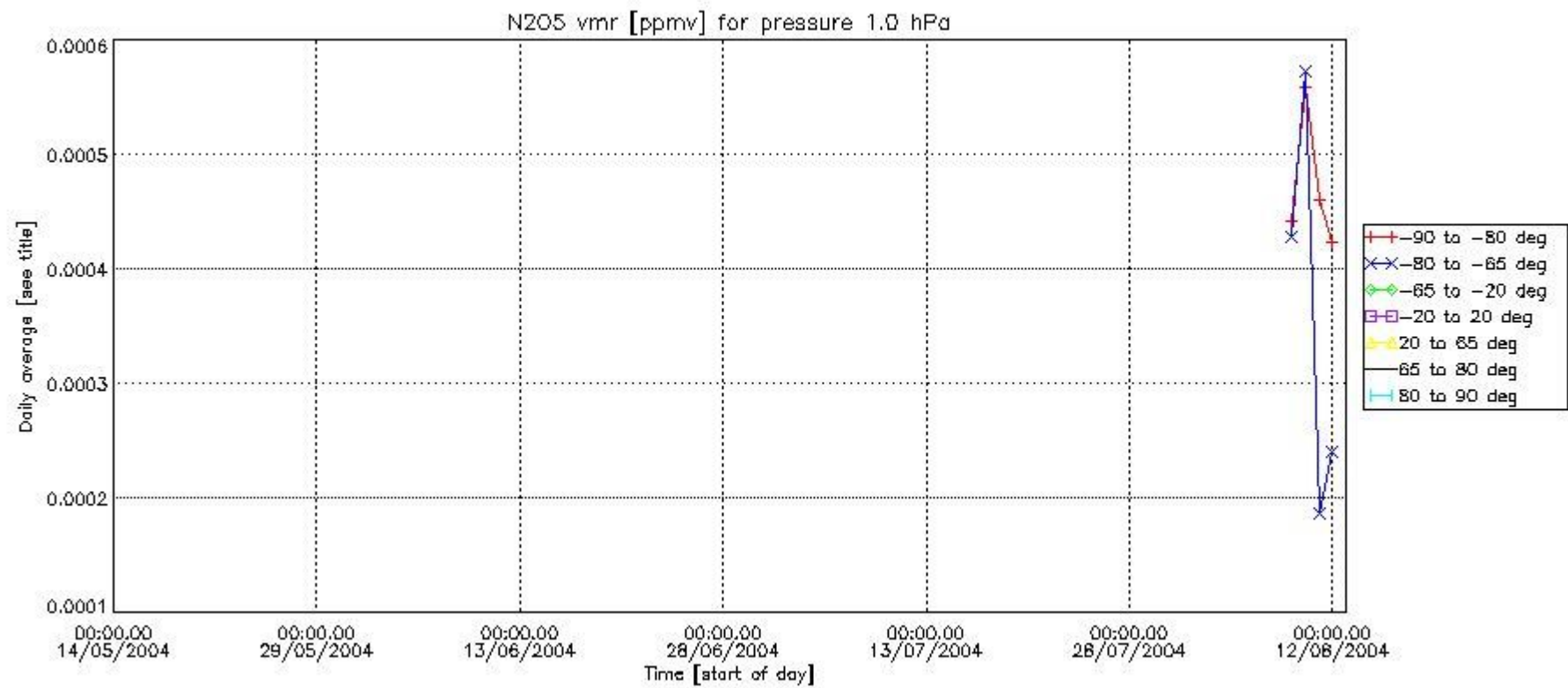


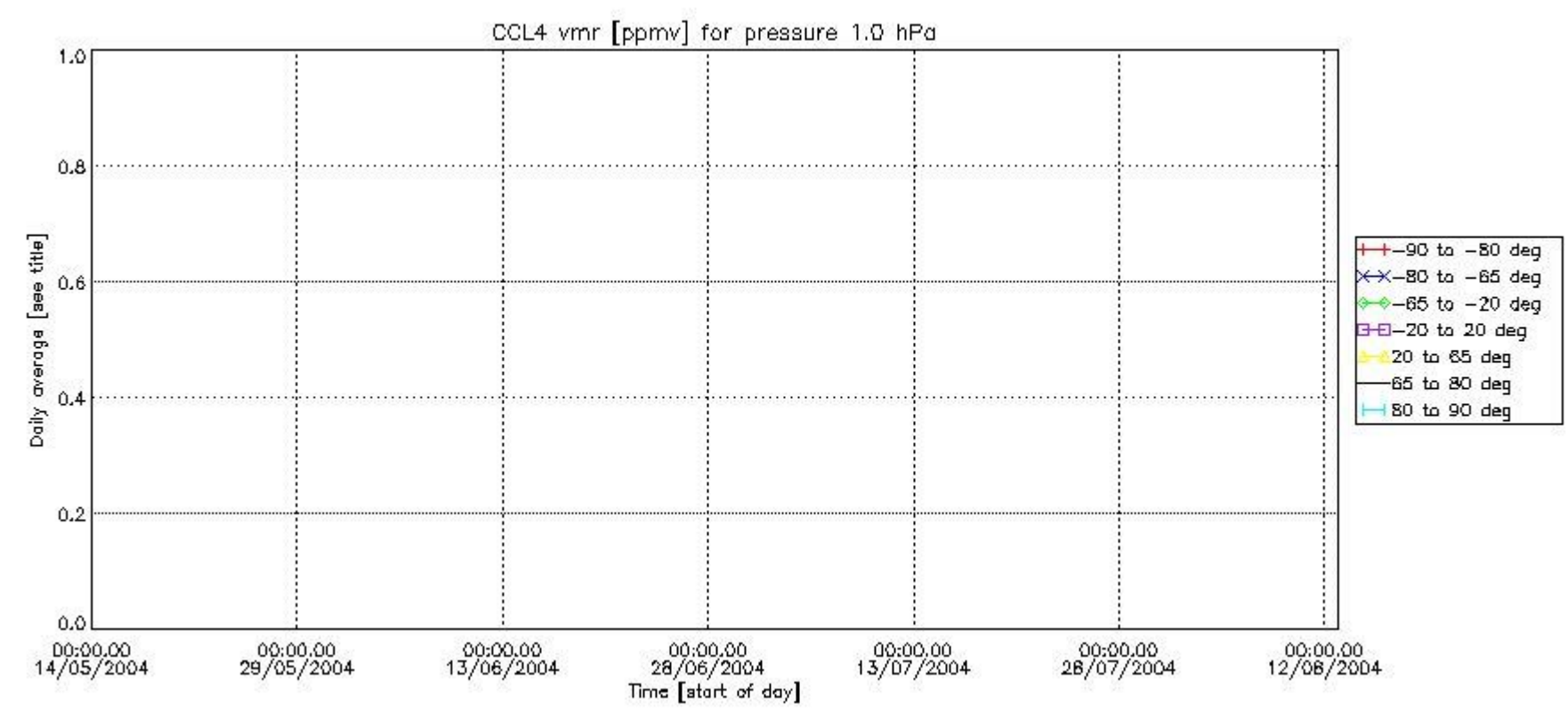
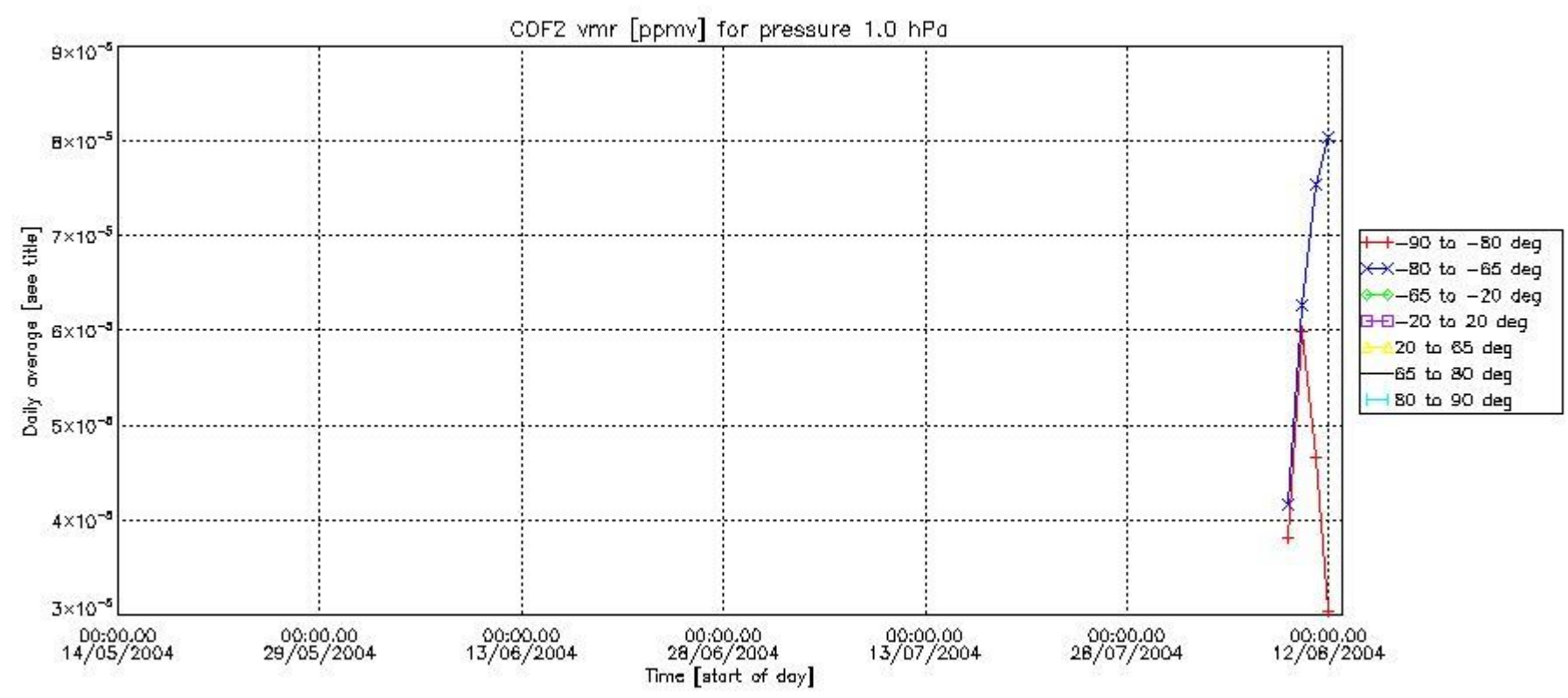


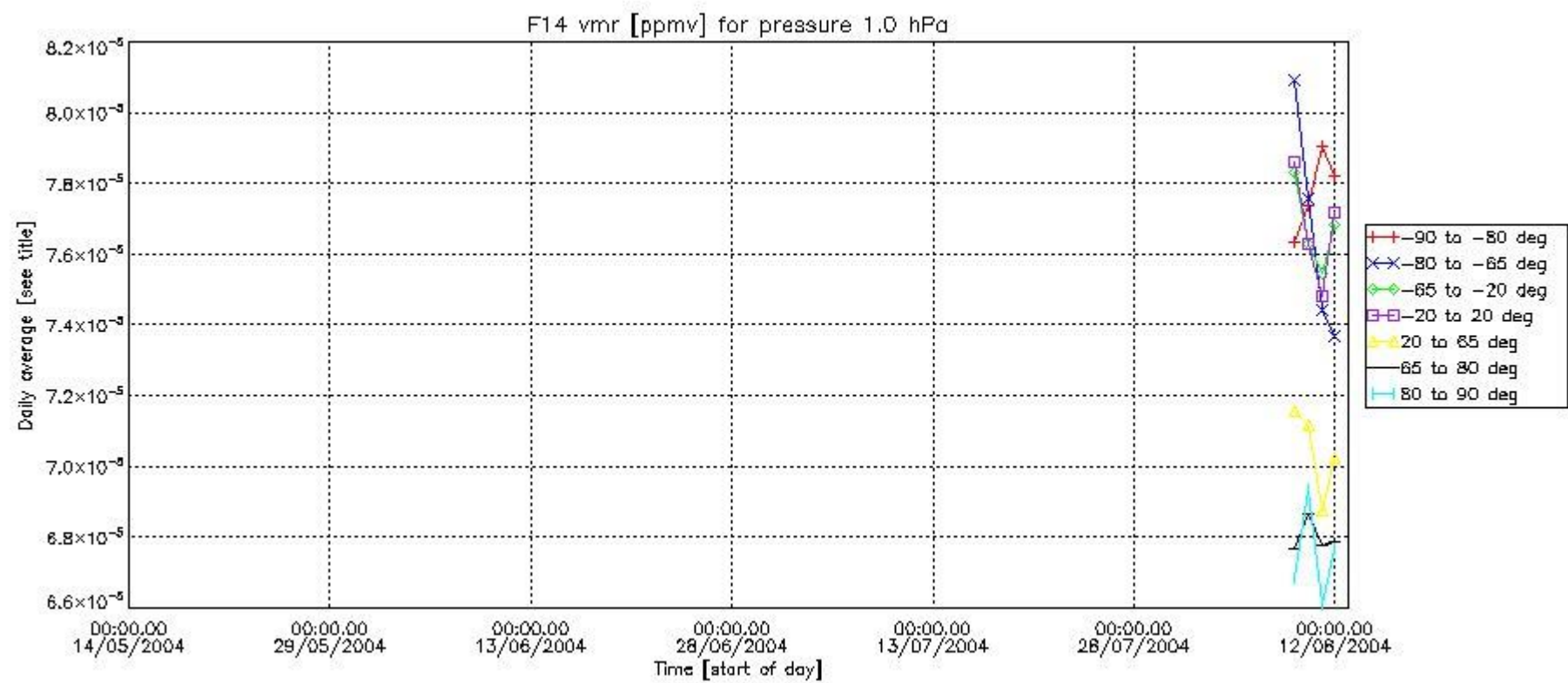
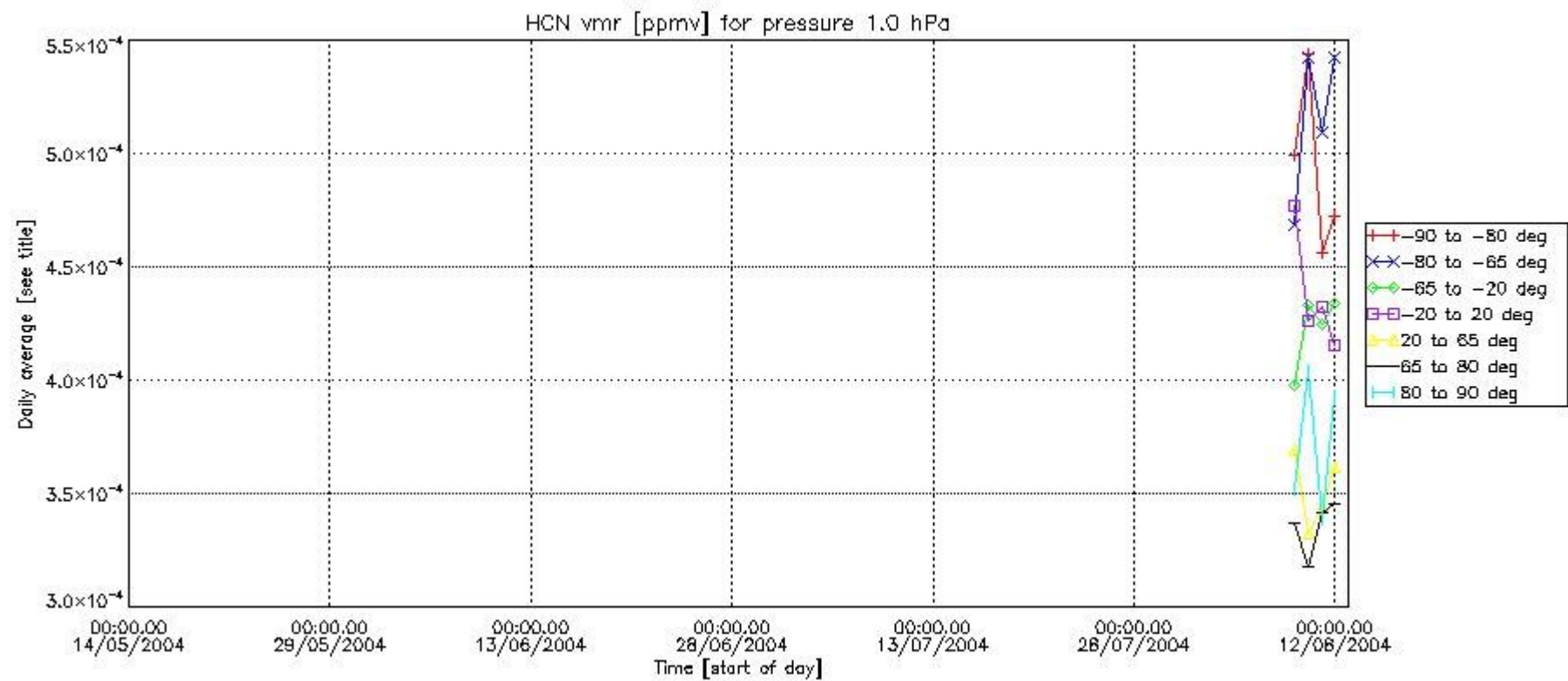


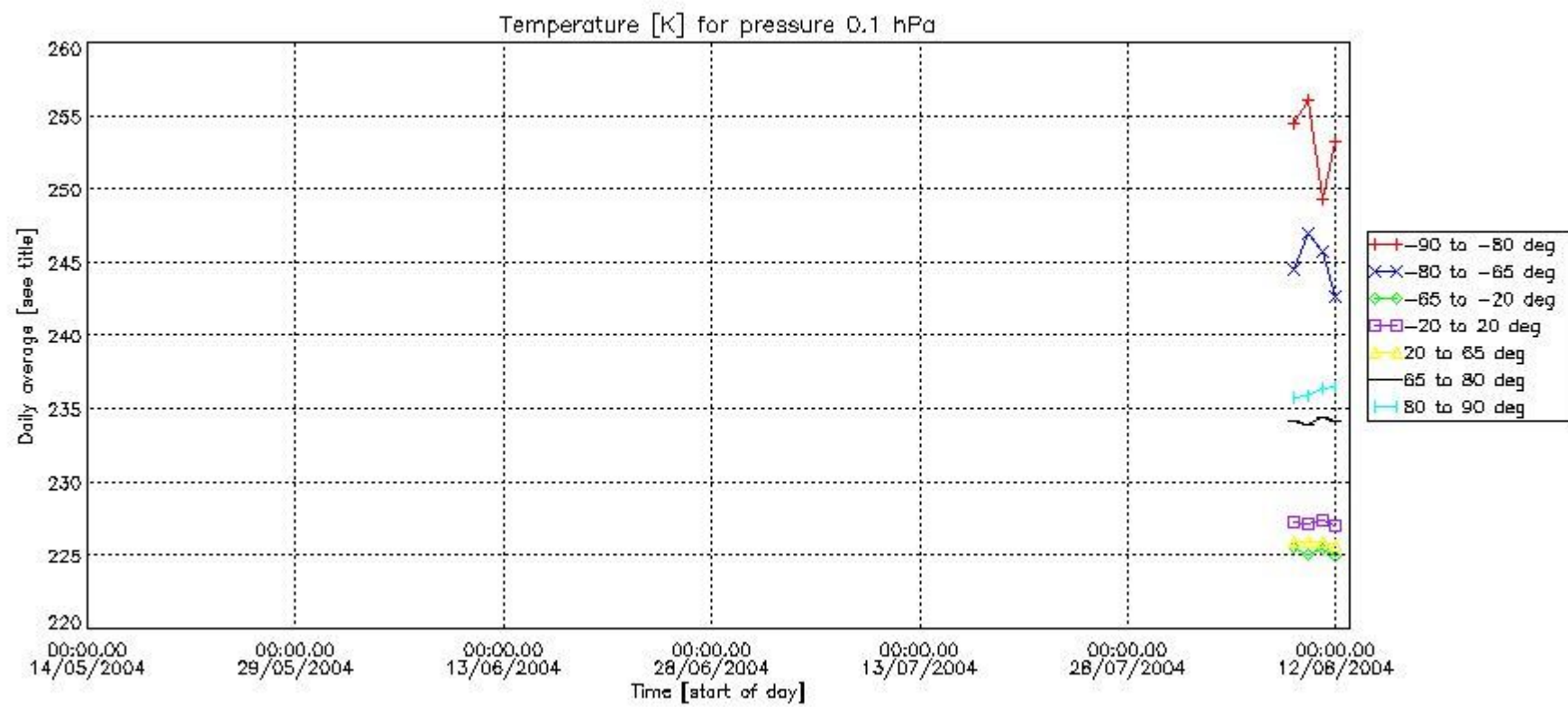
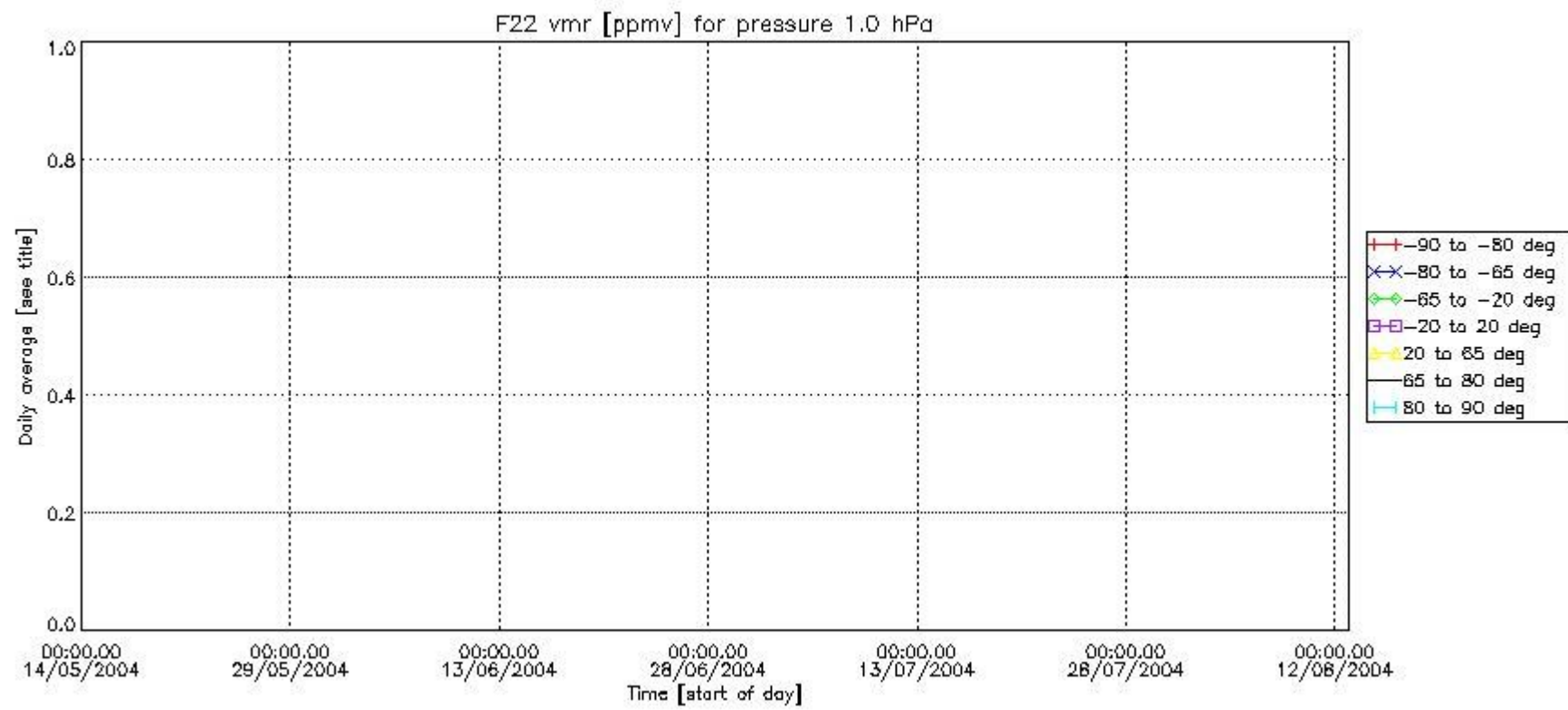


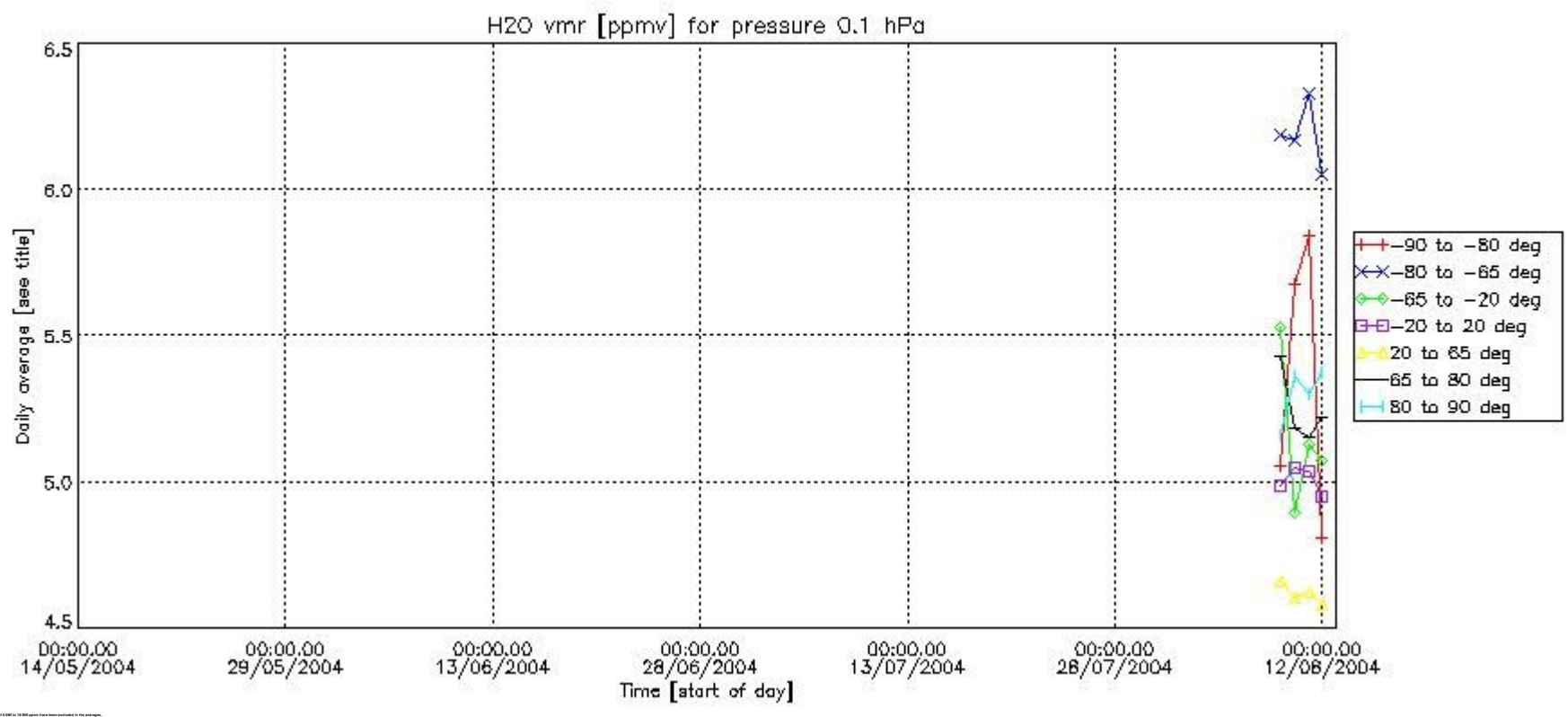
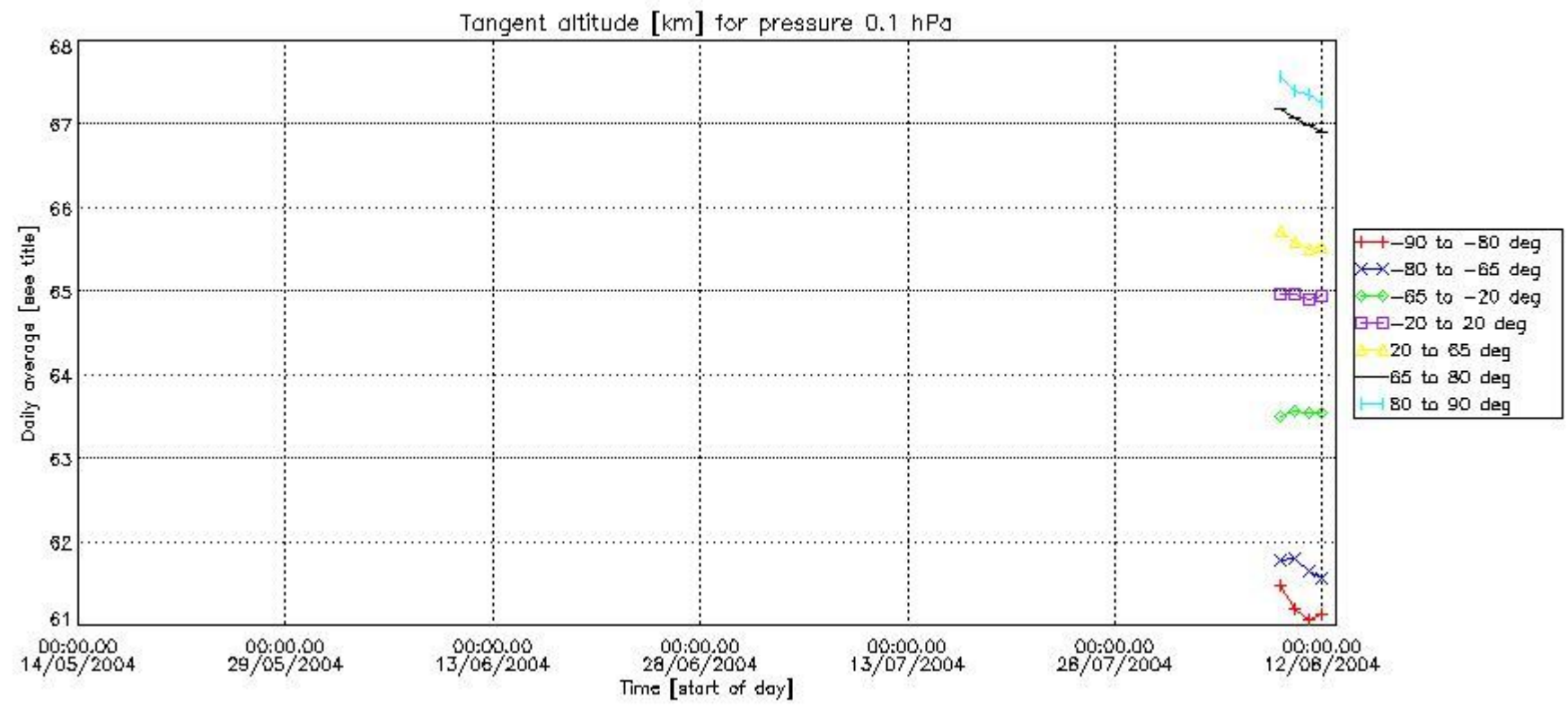


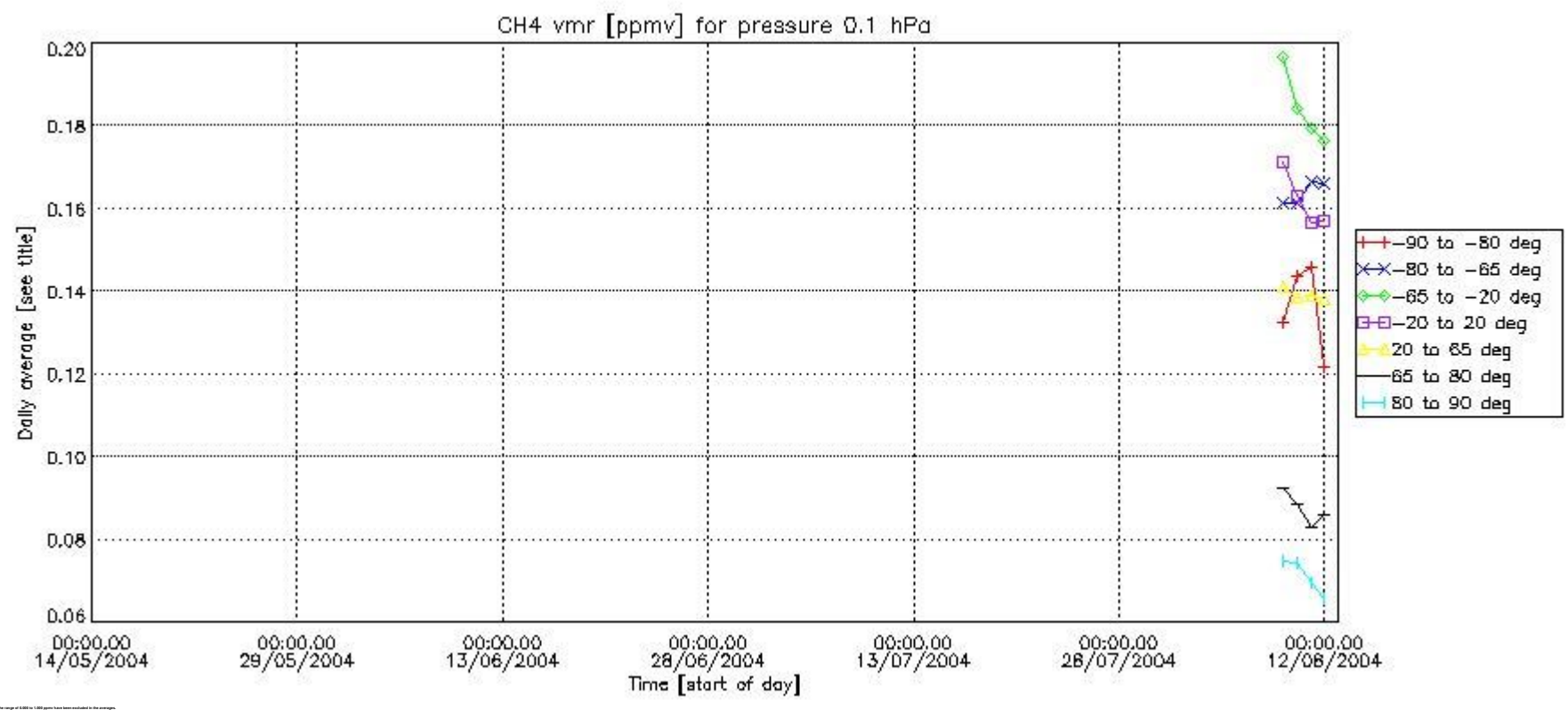
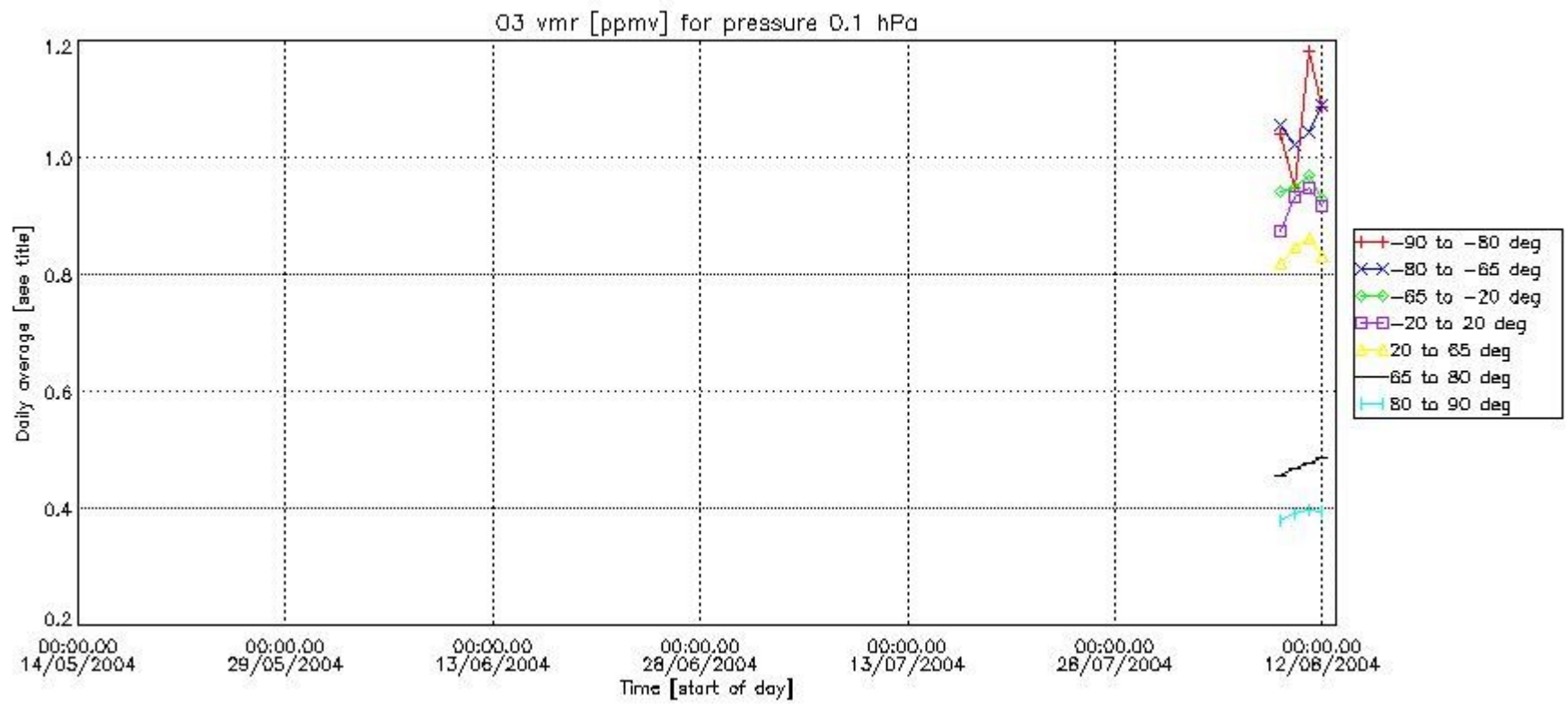


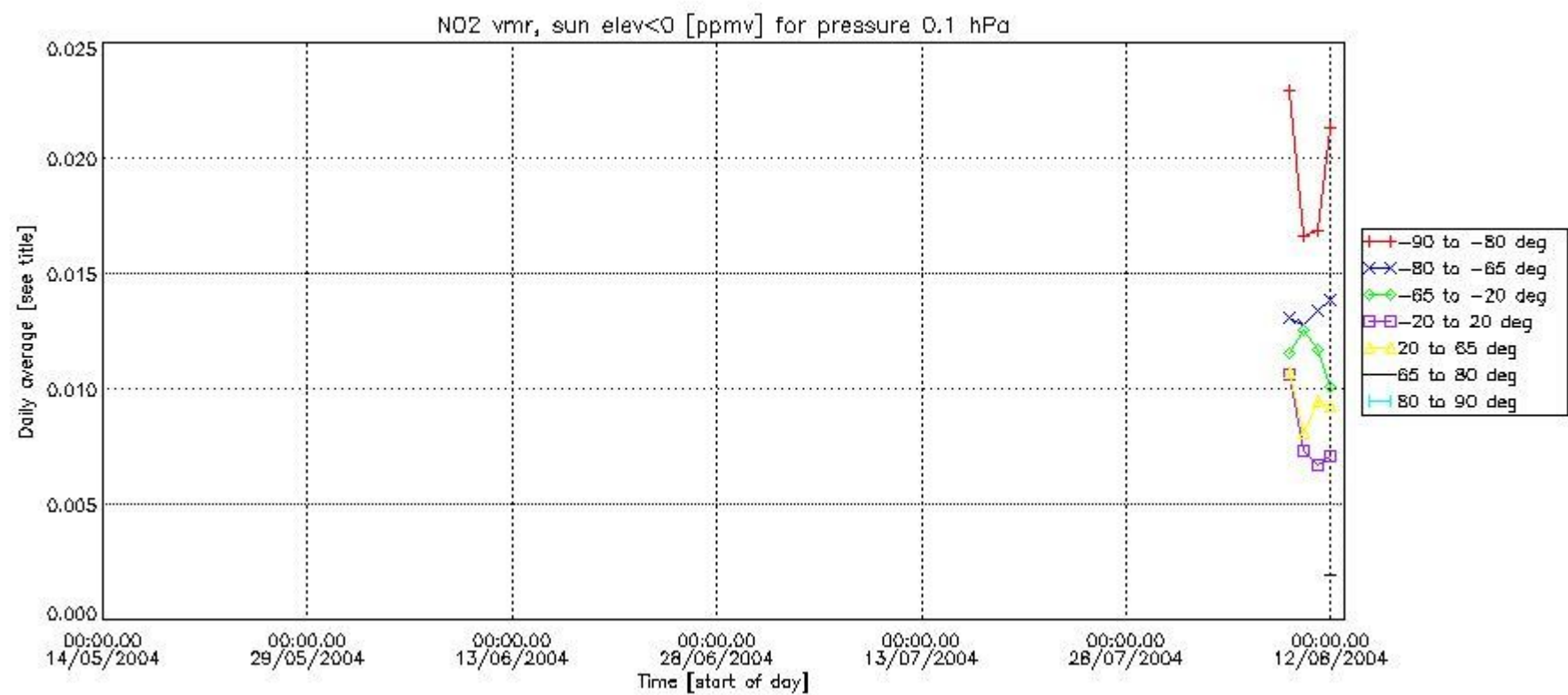
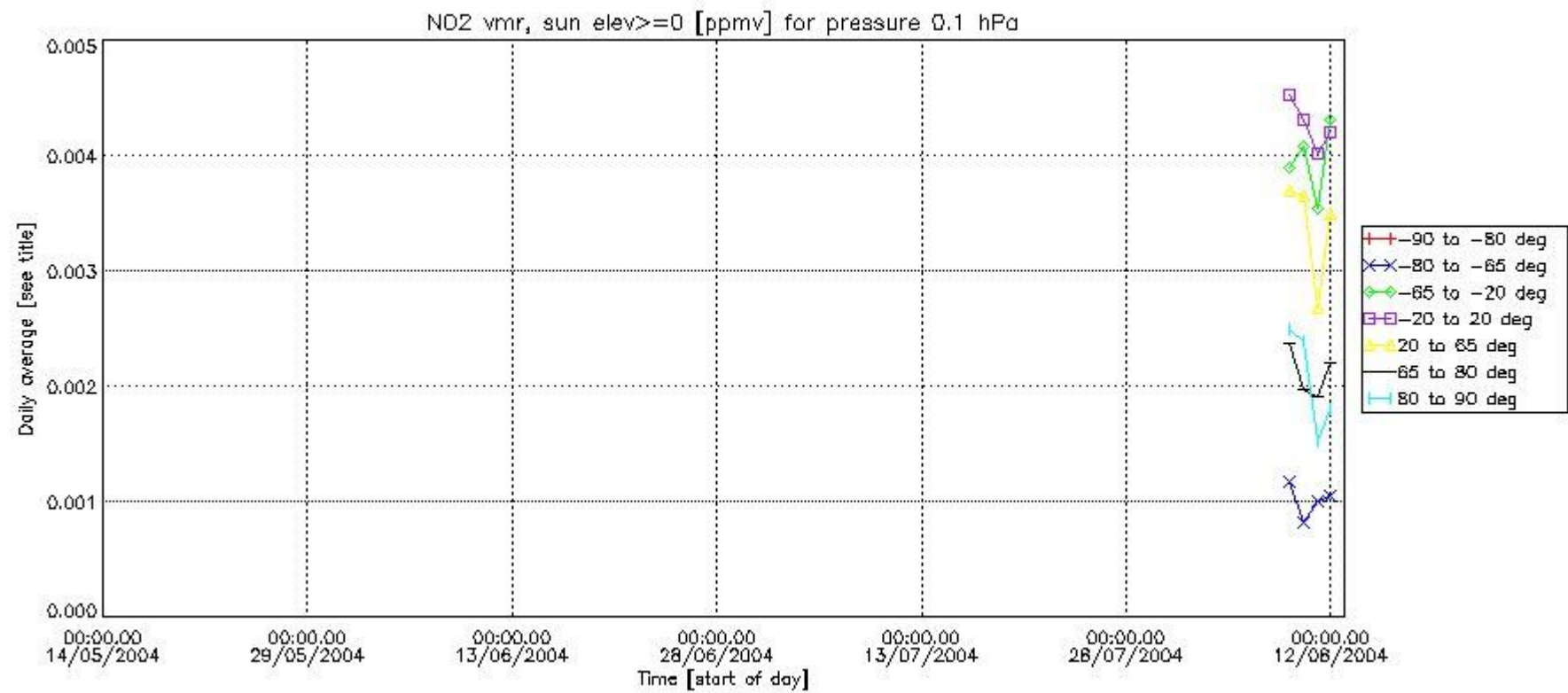




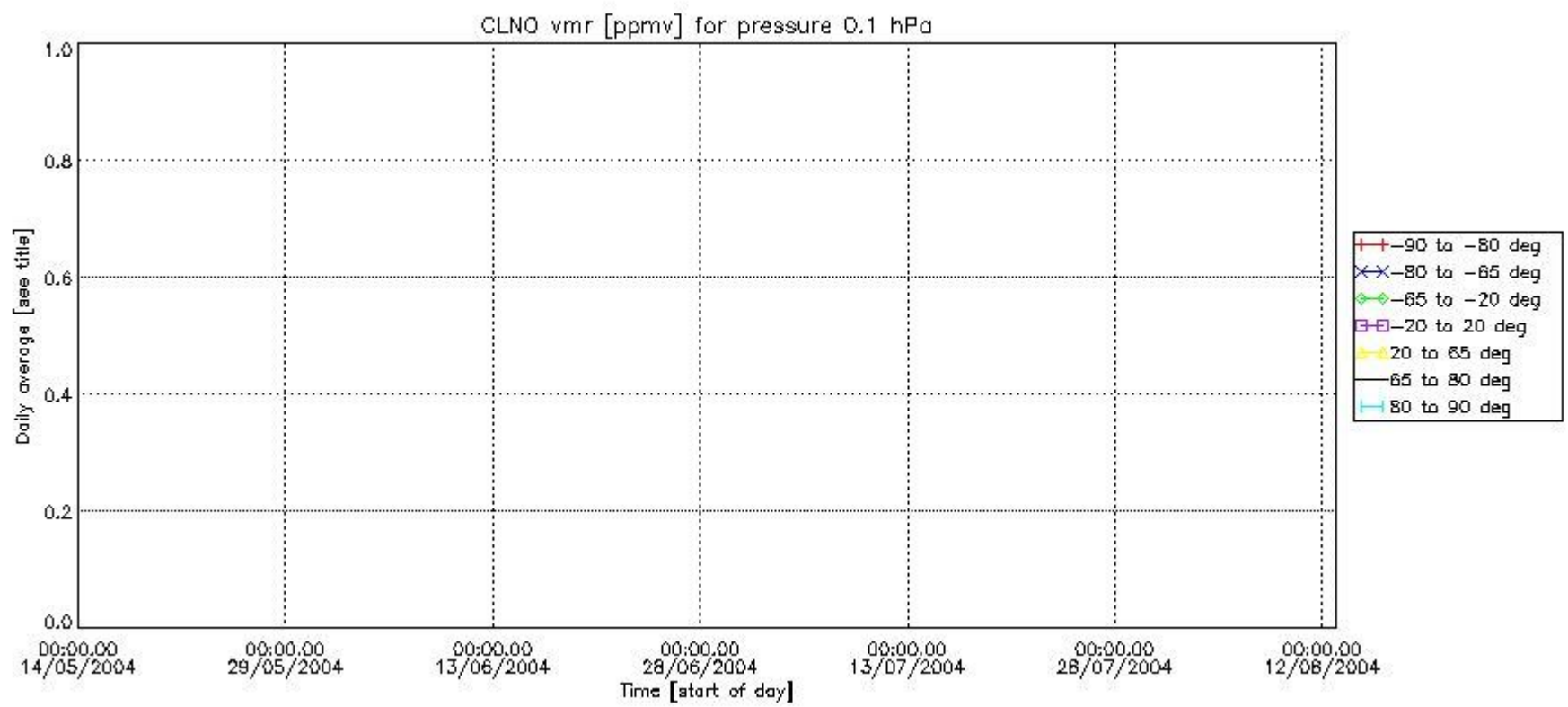
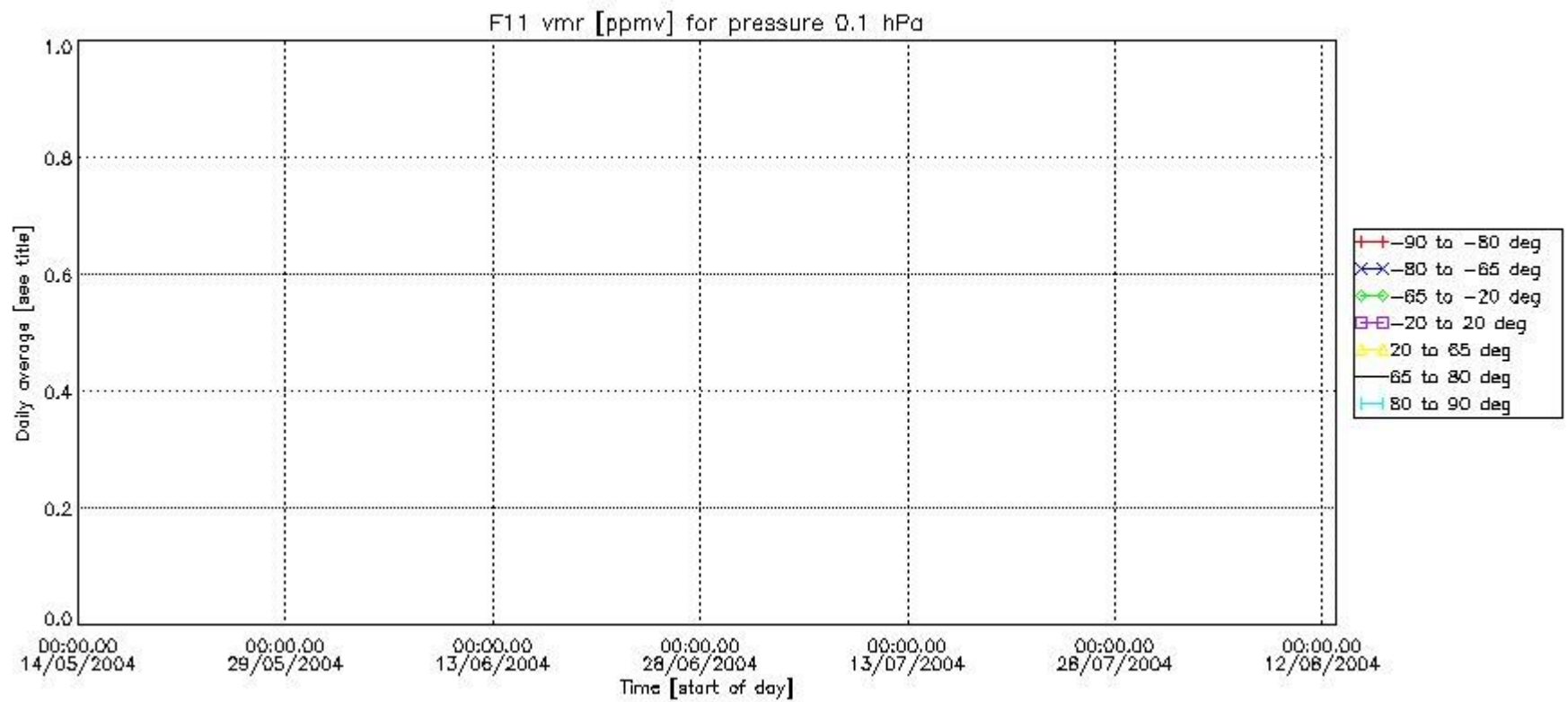


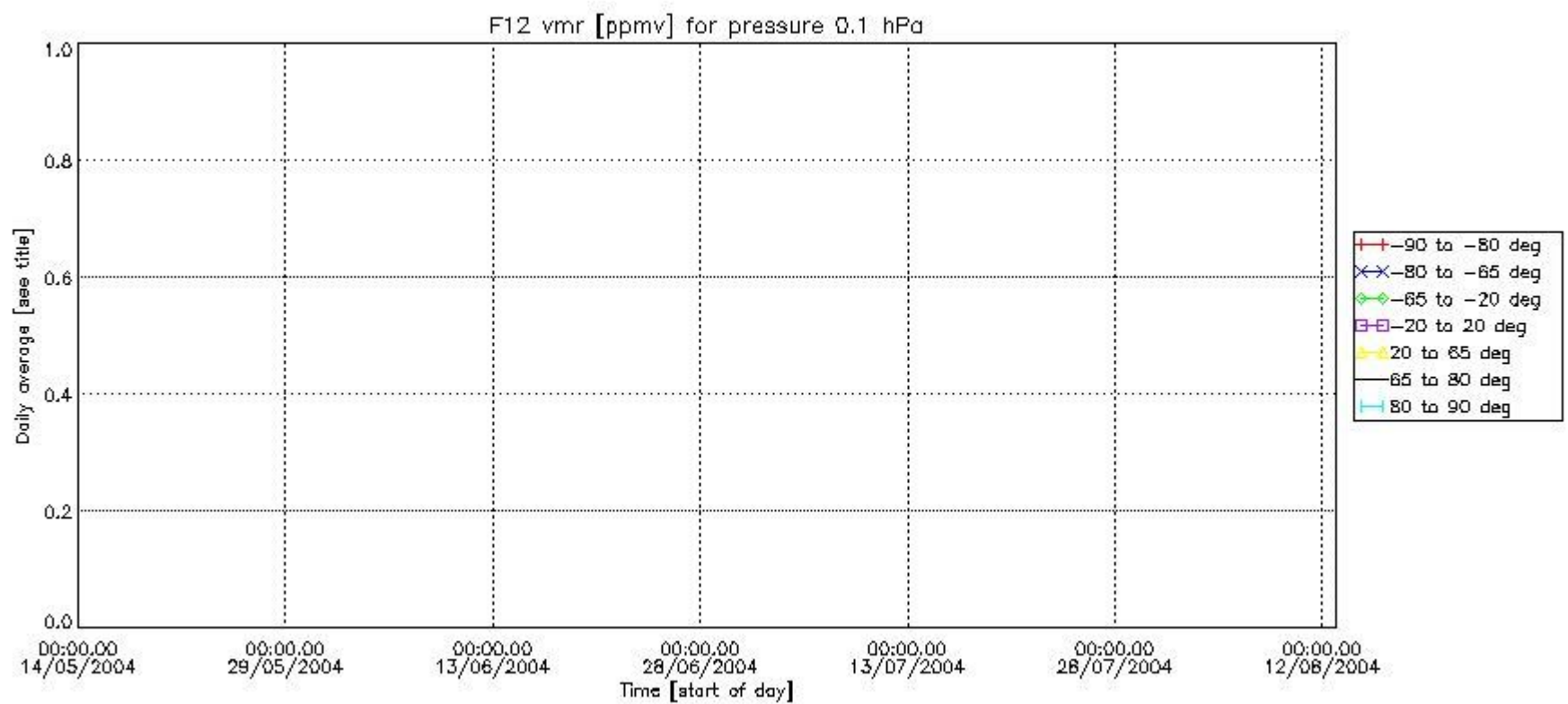
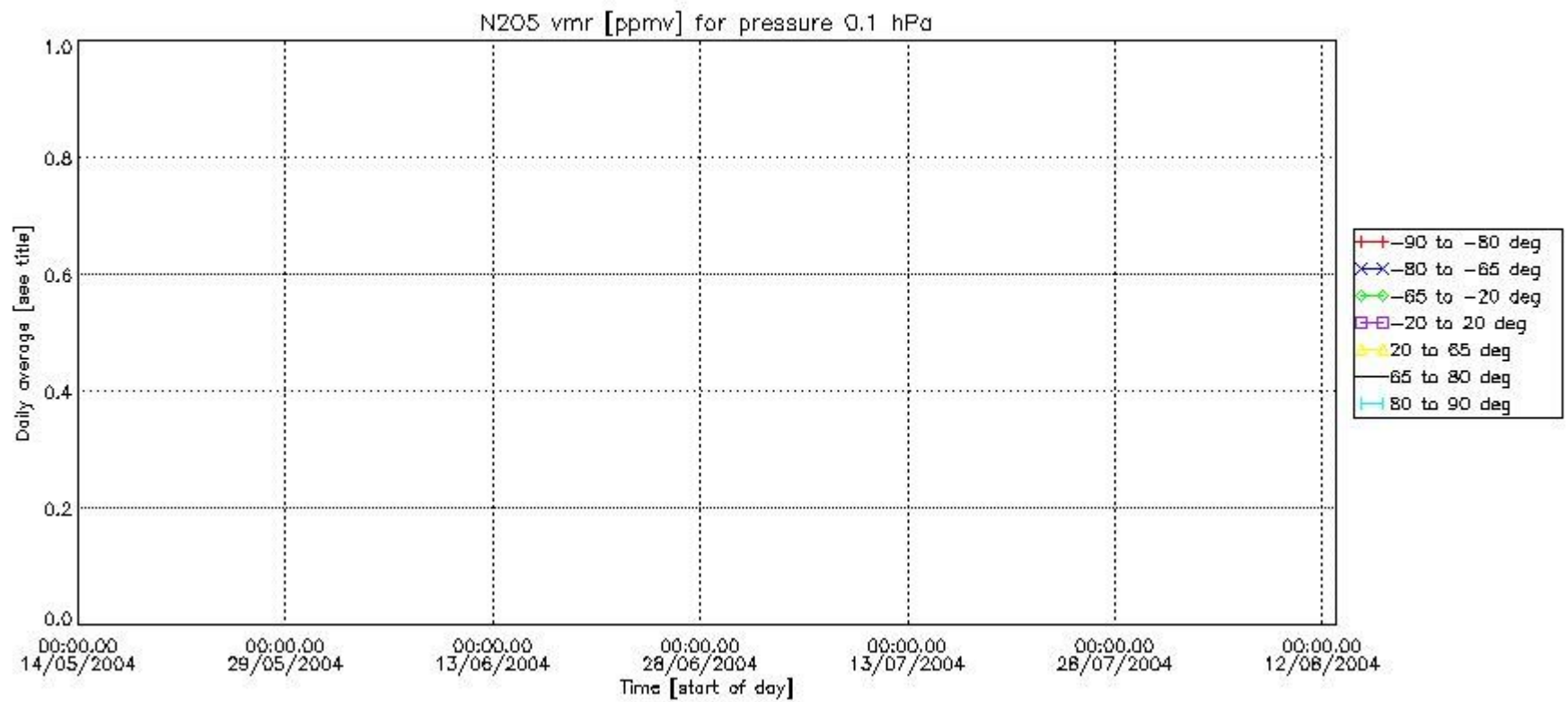


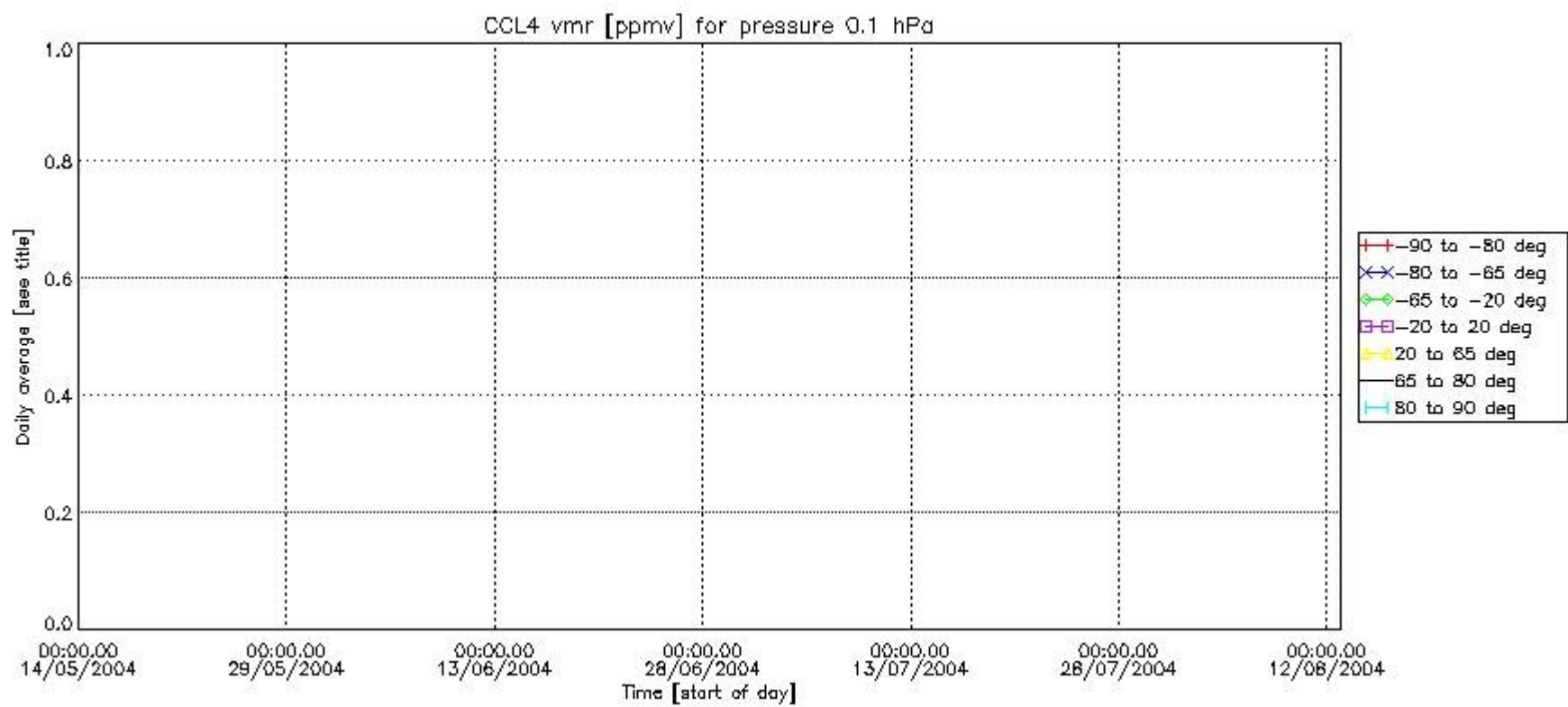
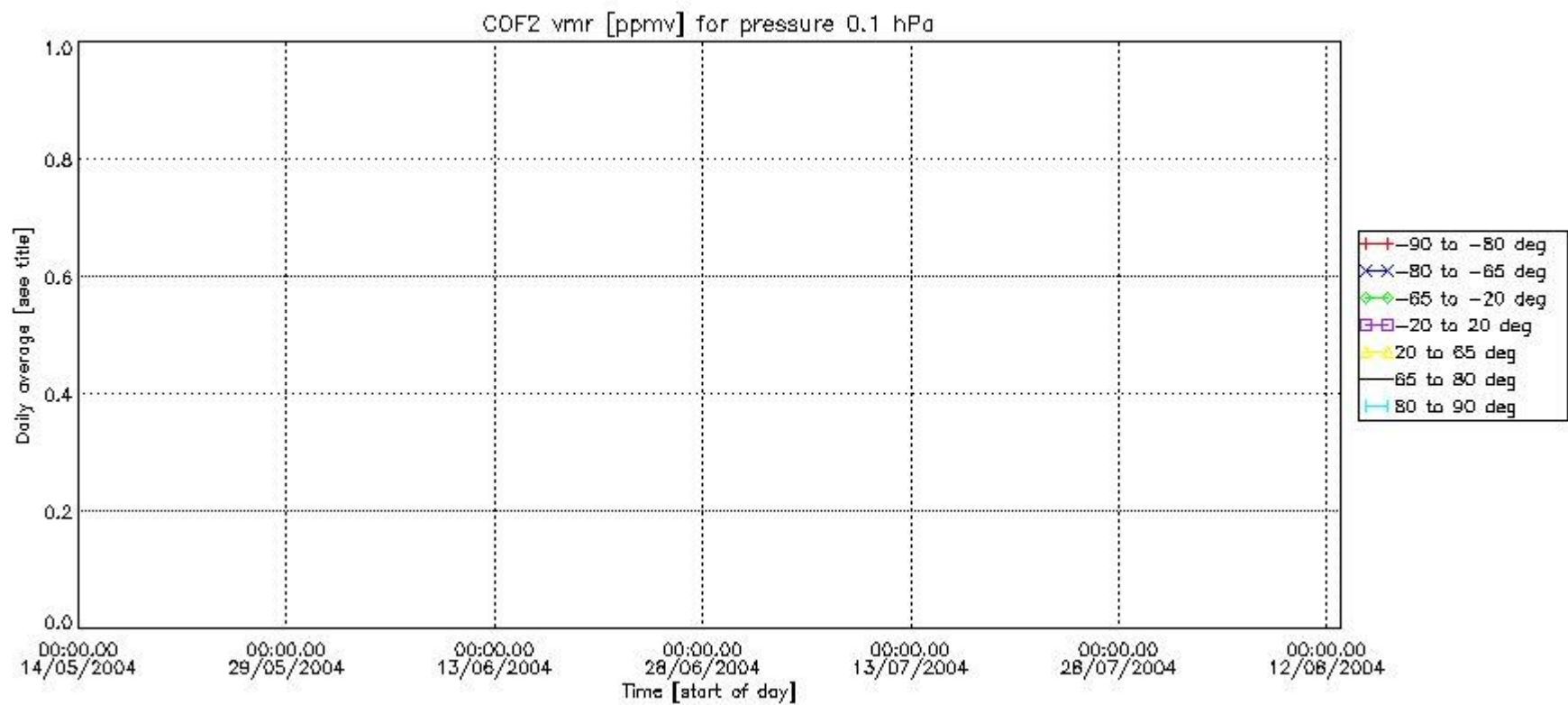


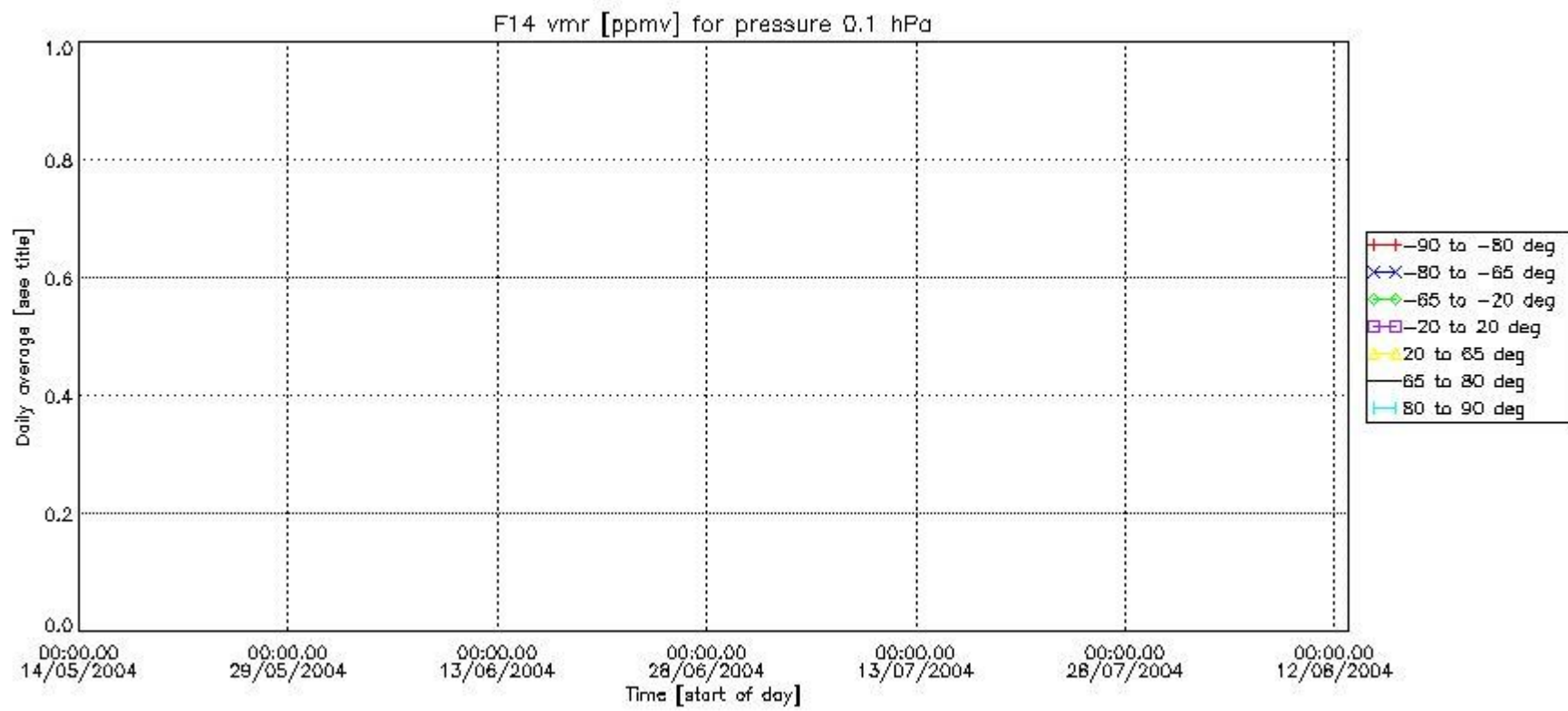
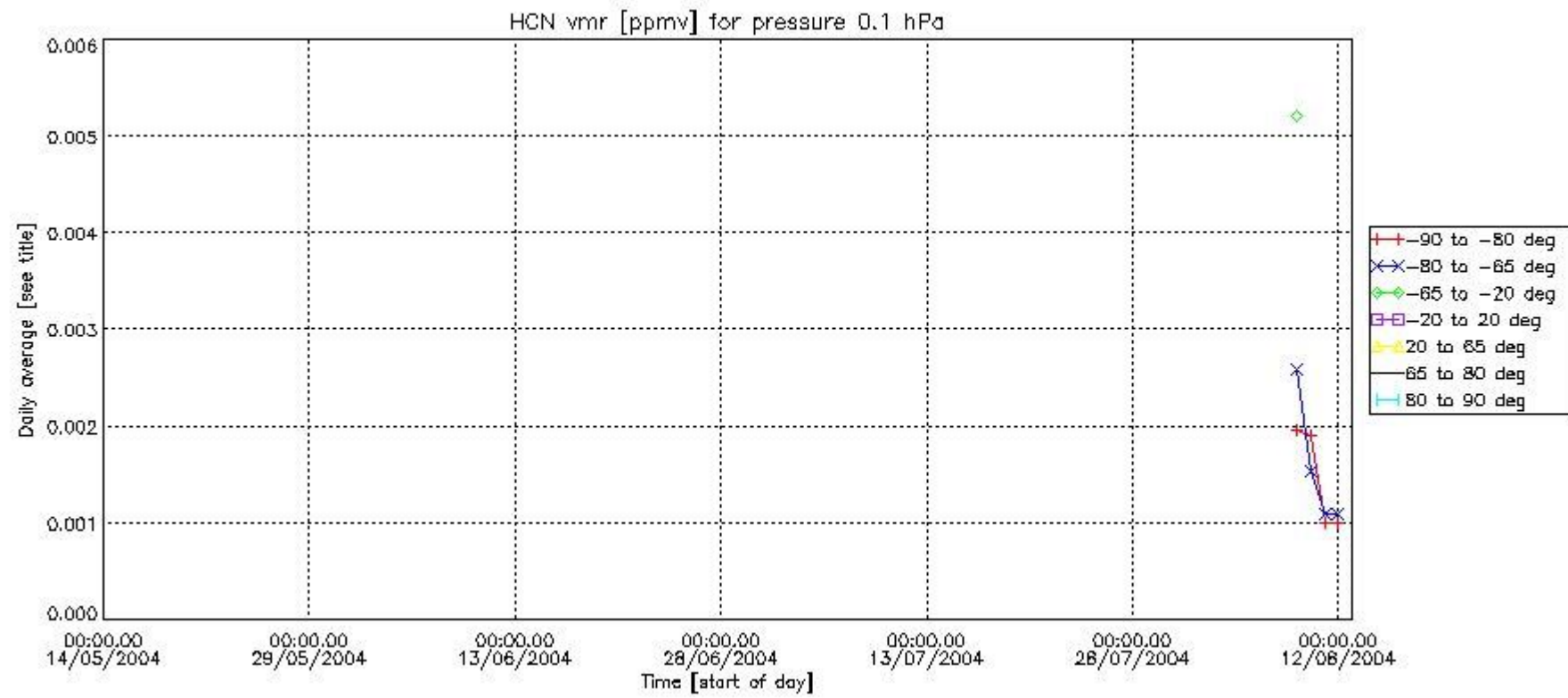


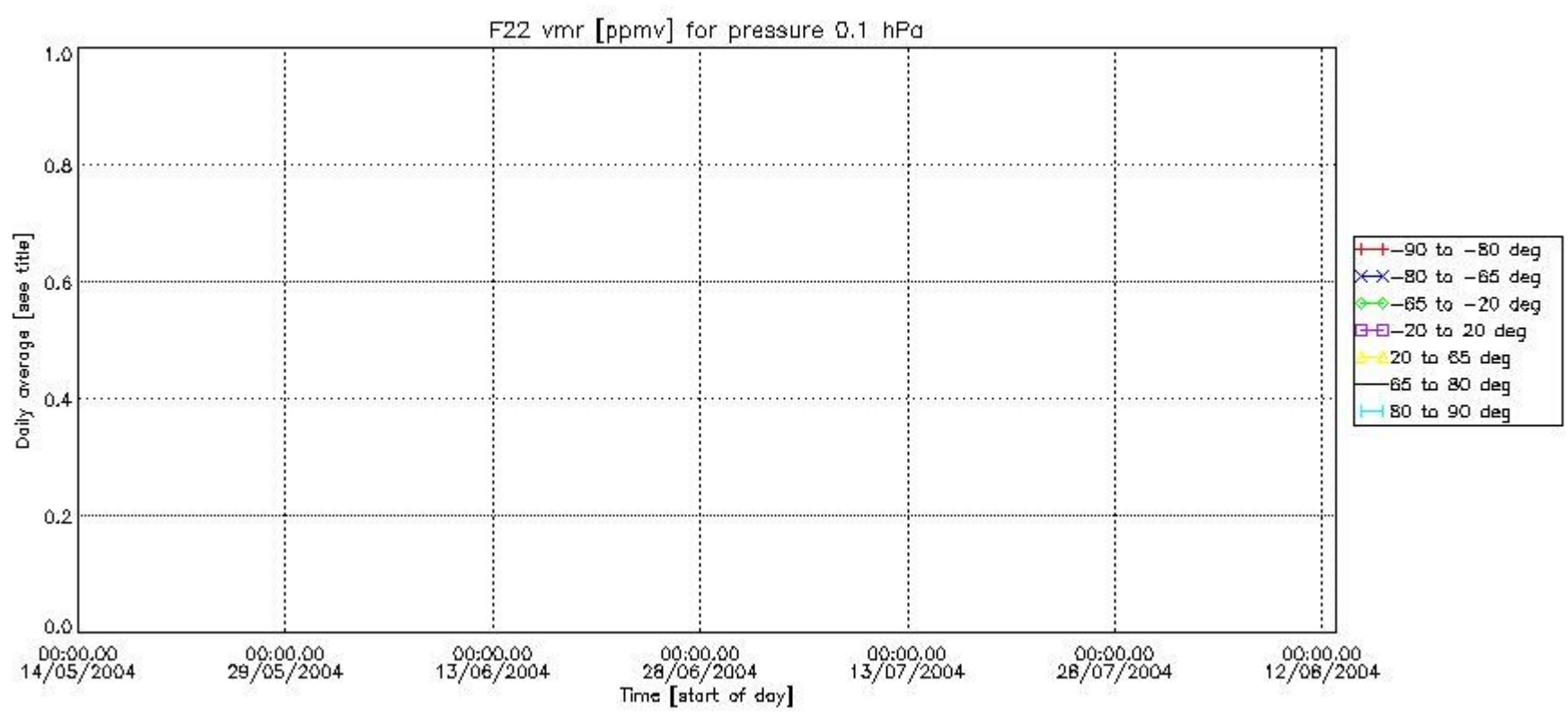












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

