

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20040810.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 22:43:00
Data source version	ML2PP/7.03-W
Processing scope for products	10AUG2004 00:00:00 to 11AUG2004 00:00:00
Start time of first product within scope	09AUG2004 23:00:40
Stop time of last product within scope	11AUG2004 00:01:12
Total number of level 2 products	14
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.

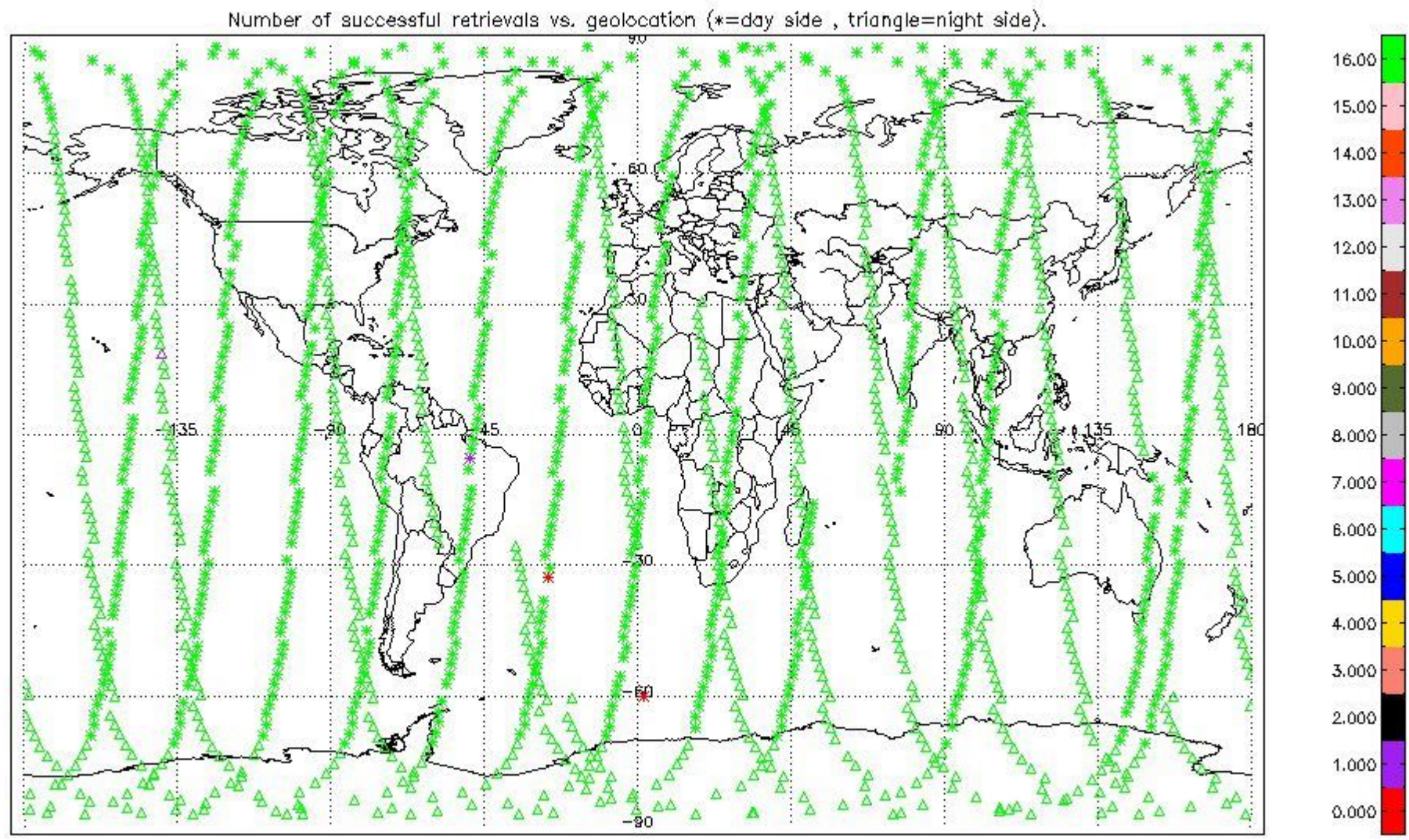
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20040809_230040_000060352029_00202_12781_1000.N1	09AUG2004 23:00:40	10AUG2004 00:41:15	0	147/147	
1	MIP_NL__2PWDSI20040810_022122_000060352029_00204_12783_1000.N1	10AUG2004 02:21:22	10AUG2004 04:01:57	0	147/147	
2	MIP_NL__2PWDSI20040810_040203_000036742029_00205_12784_1000.N1	10AUG2004 04:02:03	10AUG2004 05:03:17	0	89/89	
3	MIP_NL__2PWDSI20040810_064405_000023052029_00206_12785_1000.N1	10AUG2004 06:44:05	10AUG2004 07:22:31	0	56/56	
4	MIP_NL__2PWDSI20040810_072317_000060352029_00207_12786_1000.N1	10AUG2004 07:23:17	10AUG2004 09:03:52	0	147/147	P_T_TERM_MACRO_MICRO[macro:1], VMR_TERM_MACRO_MICRO[HCN/micro:1]
5	MIP_NL__2PWDSI20040810_090358_000060252029_00208_12787_1000.N1	10AUG2004 09:03:58	10AUG2004 10:44:23	0	146/146	VMR_TERM_MACRO_MICRO[HCN/micro:1; F14/micro:1]
6	MIP_NL__2PWDSI20040810_104430_000054762029_00209_12788_1000.N1	10AUG2004 10:44:30	10AUG2004 12:15:46	0	134/133	
7	MIP_NL__2PWDSI20040810_123041_000056882029_00210_12789_1000.N1	10AUG2004 12:30:41	10AUG2004 14:05:29	0	139/139	P_T_TERM_MACRO_MICRO[macro:1], VMR_TERM_MACRO_MICRO[HCN/micro:2]
8	MIP_NL__2PWDSI20040810_140536_000060252029_00211_12790_1000.N1	10AUG2004 14:05:36	10AUG2004 15:46:01	0	146/146	VMR_TERM_MACRO_MICRO[HCN/micro:2]
9	MIP_NL__2PWDSI20040810_154607_000060352029_00212_12791_1000.N1	10AUG2004 15:46:07	10AUG2004 17:26:42	0	147/147	
10	MIP_NL__2PWDSI20040810_172649_000060362029_00213_12792_1000.N1	10AUG2004 17:26:49	10AUG2004 19:07:24	0	147/147	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
11	MIP_NL__2PWDSI20040810_190730_000060252029_00214_12793_1000.N1	10AUG2004 19:07:30	10AUG2004 20:47:55	0	146/146	
12	MIP_NL__2PWDSI20040810_204802_000009362029_00215_12794_1000.N1	10AUG2004 20:48:02	10AUG2004 21:03:38	0	23/23	
13	MIP_NL__2PWDSI20040810_222833_000055592029_00216_12795_1000.N1	10AUG2004 22:28:33	11AUG2004 00:01:12	0	135/135	

## 2.2 Processing performance indicators

### 2.2.1 Successful retrievals

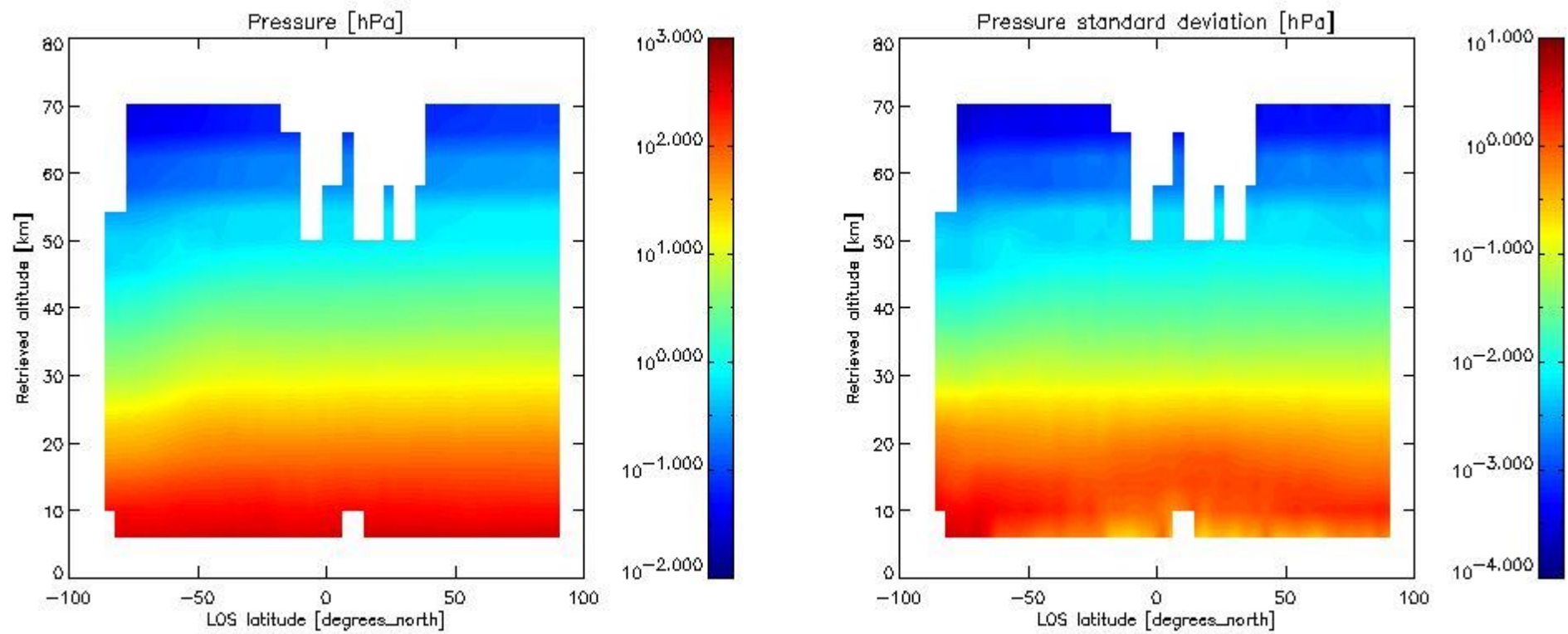
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1748	1658	94.851
H2O	1748	1656	94.737
O3	1748	1656	94.737
HNO3	1748	1656	94.737
CH4	1748	1656	94.737
N2O	1748	1656	94.737
NO2	1748	1656	94.737
F11	1748	1656	94.737
CLNO	1748	1656	94.737
N2O5	1748	1656	94.737
F12	1748	1656	94.737
COF2	1748	1656	94.737
CCL4	1748	1656	94.737
HCN	1748	1656	94.737
F14	1748	1656	94.737
F22	1748	1656	94.737



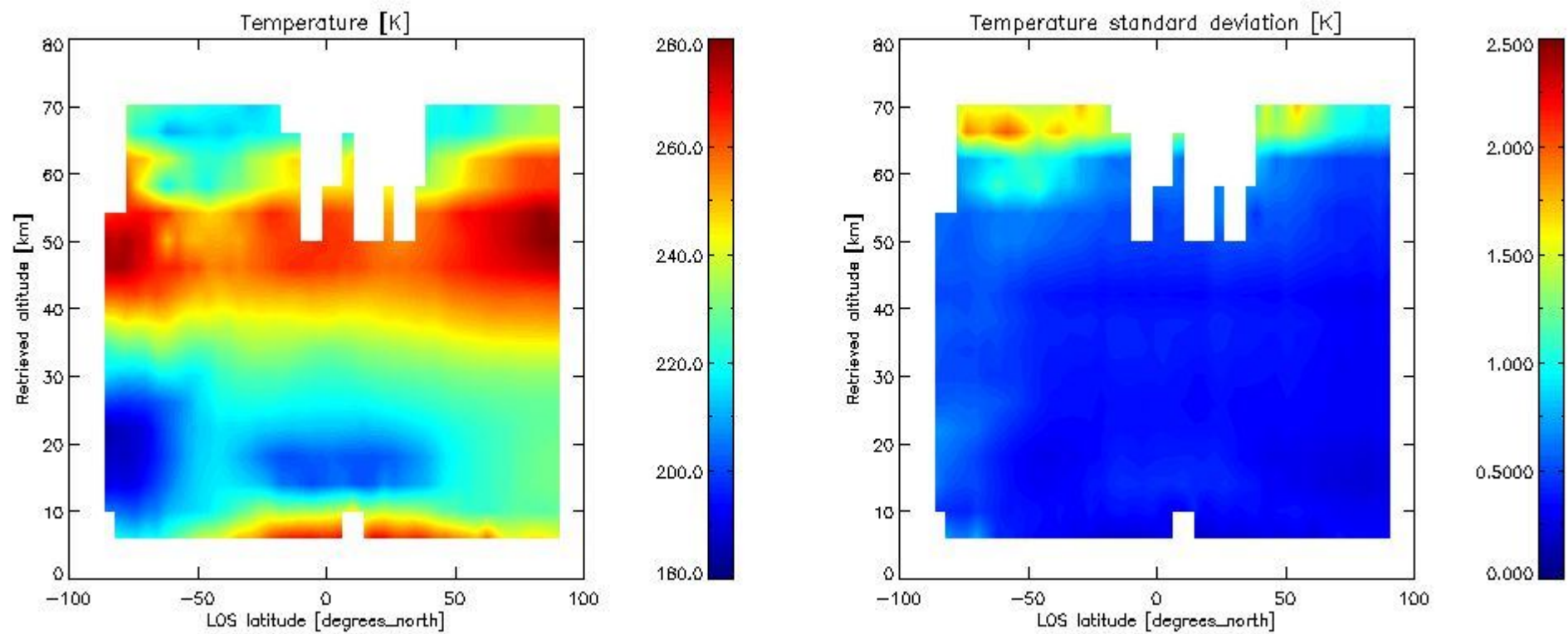
### 2.2.2 Pressure overview

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



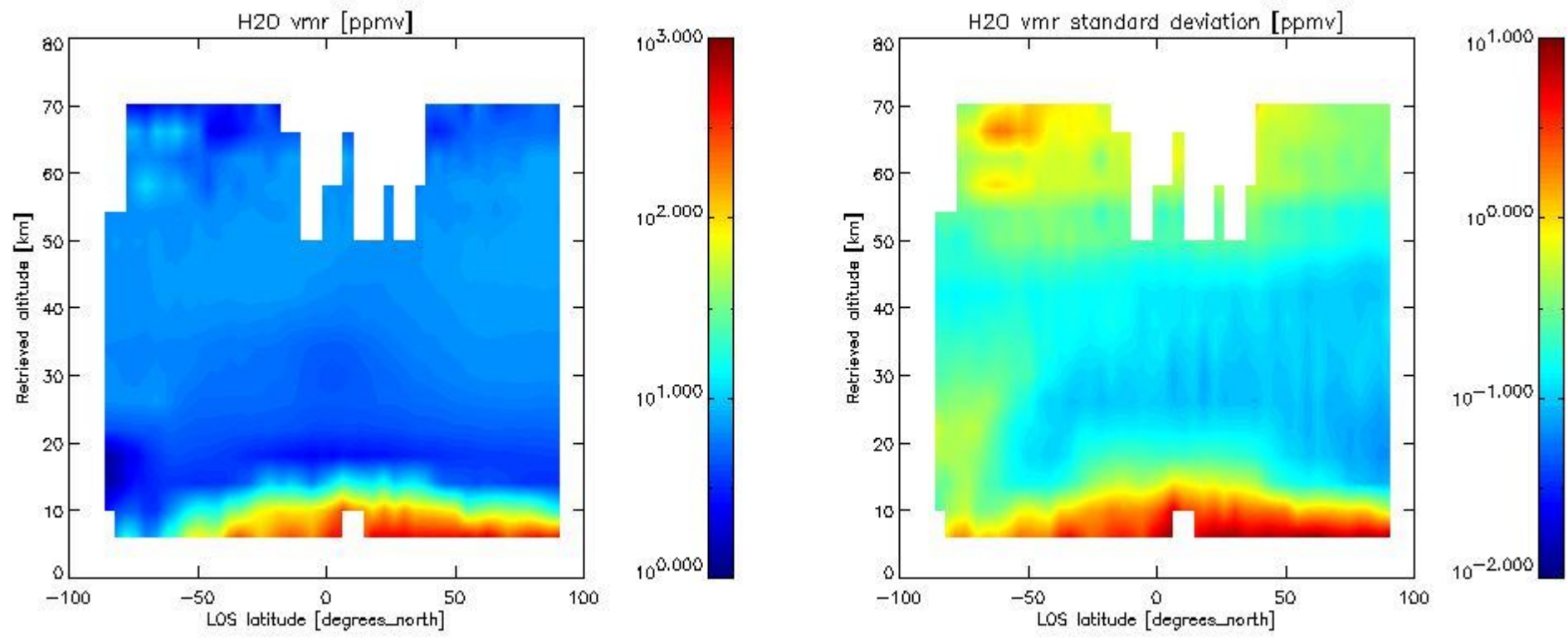
### 2.2.3 Temperature overview

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

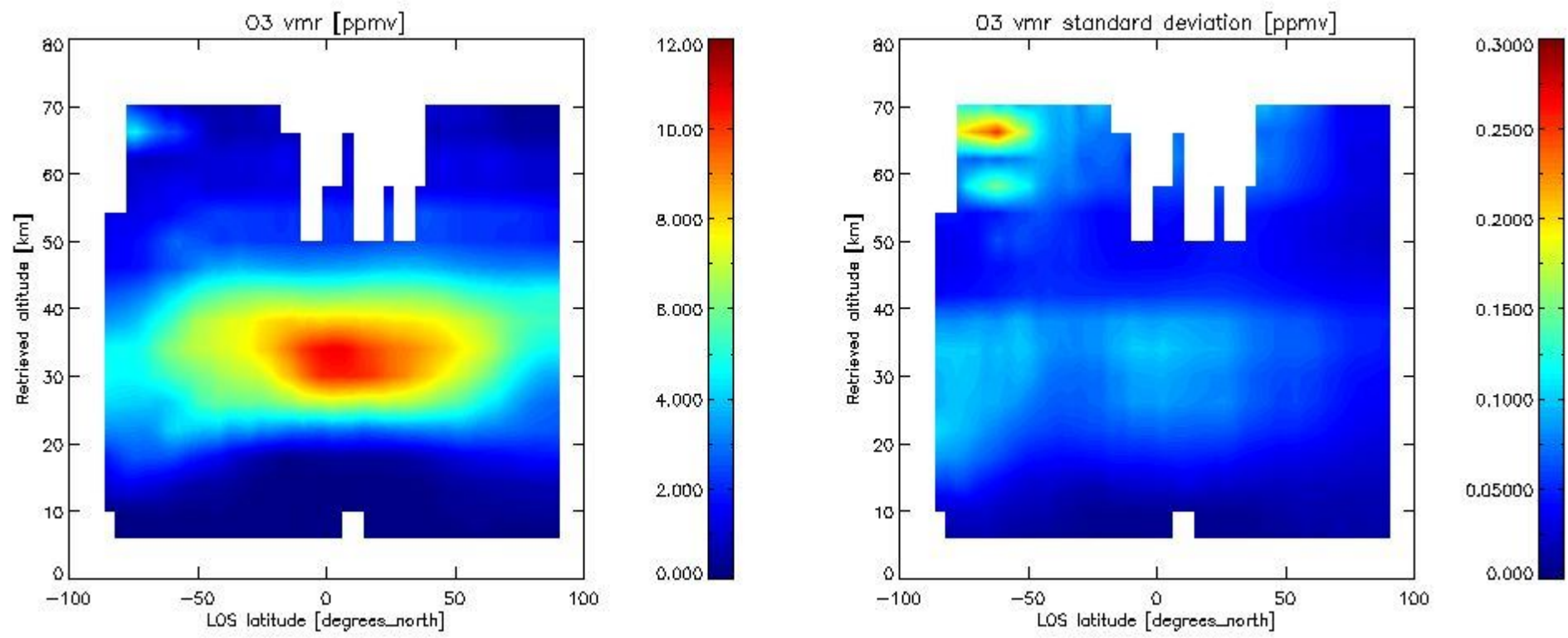


### 2.2.4 Species overview

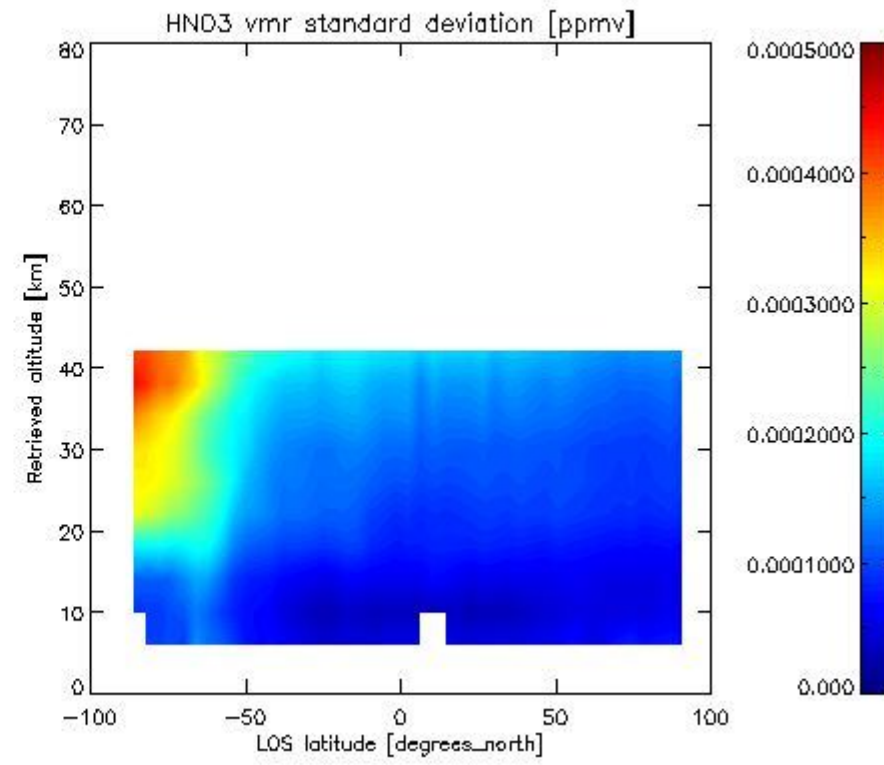
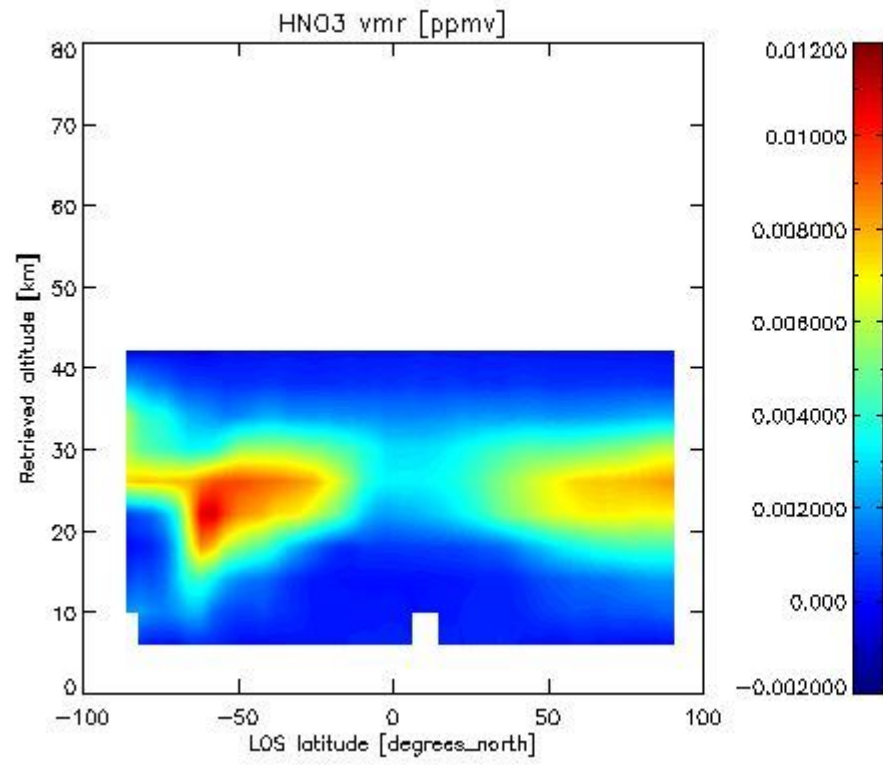
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



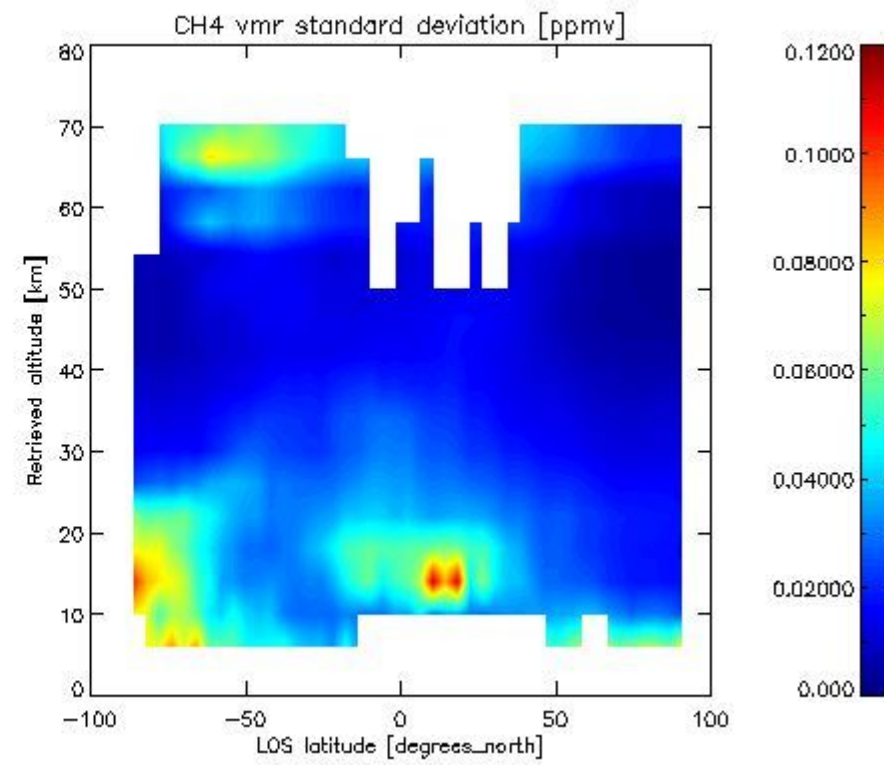
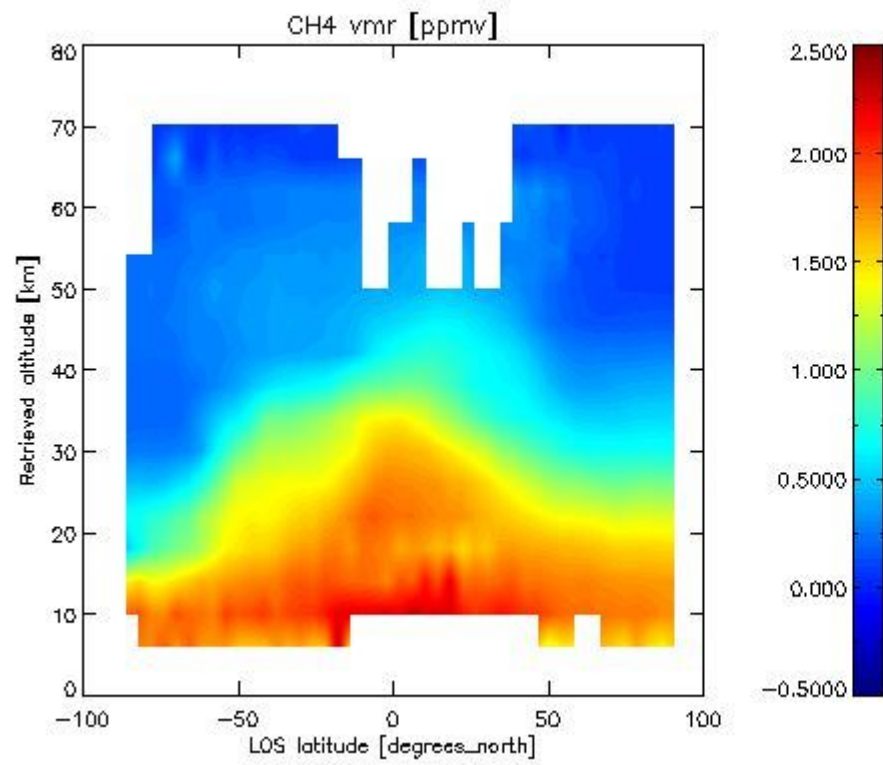
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



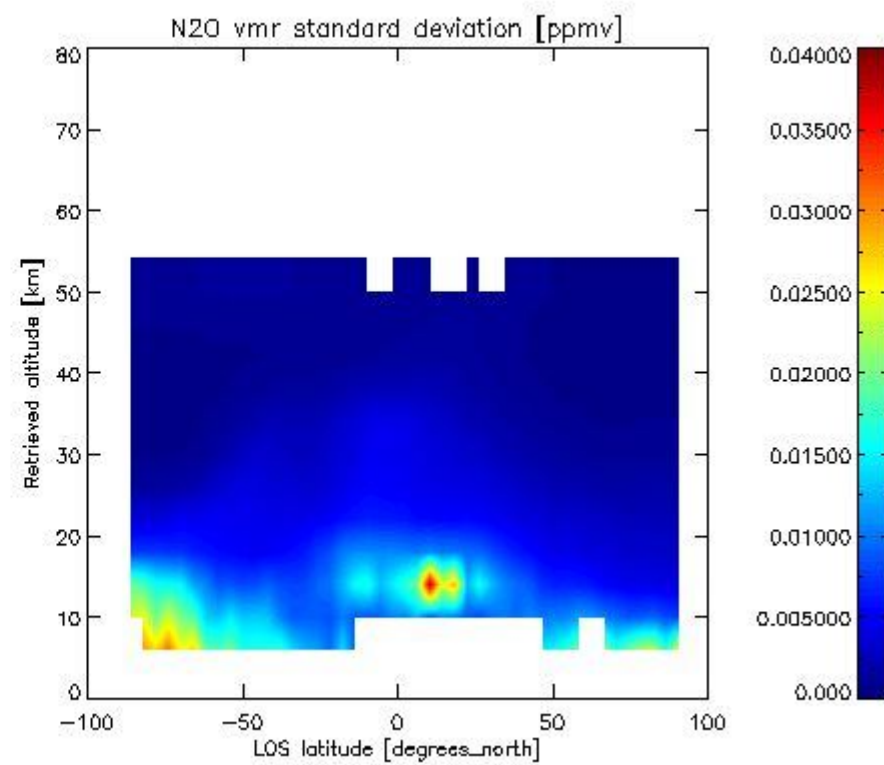
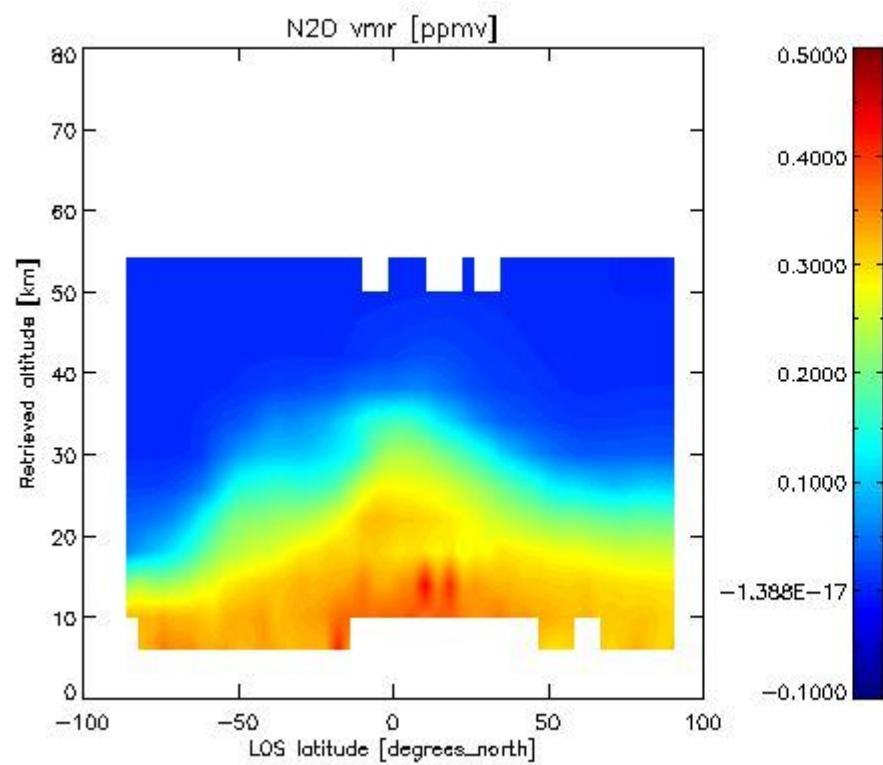
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



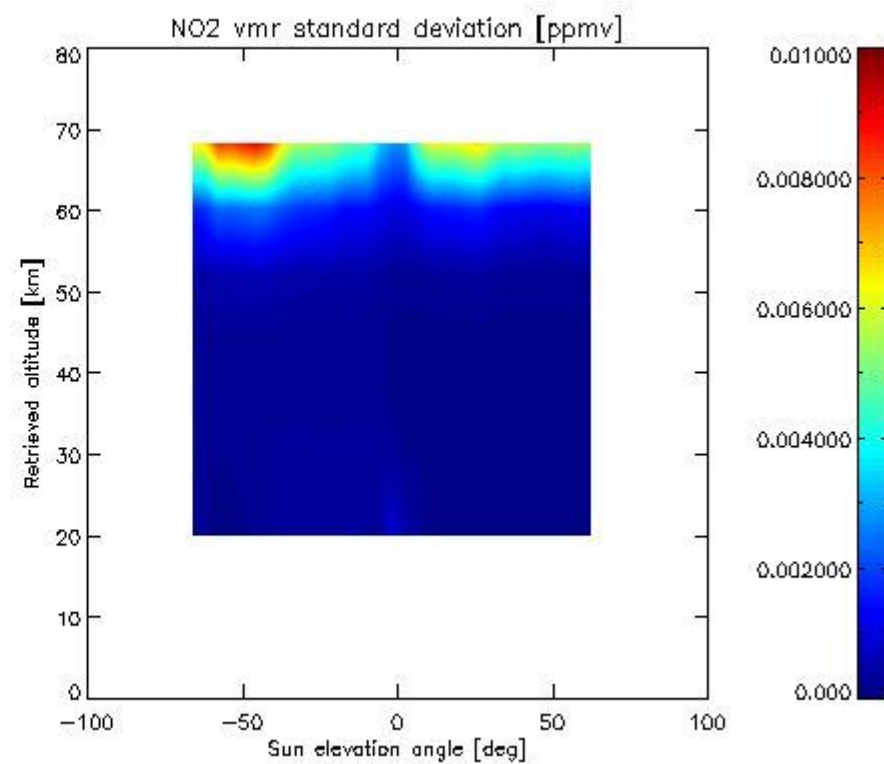
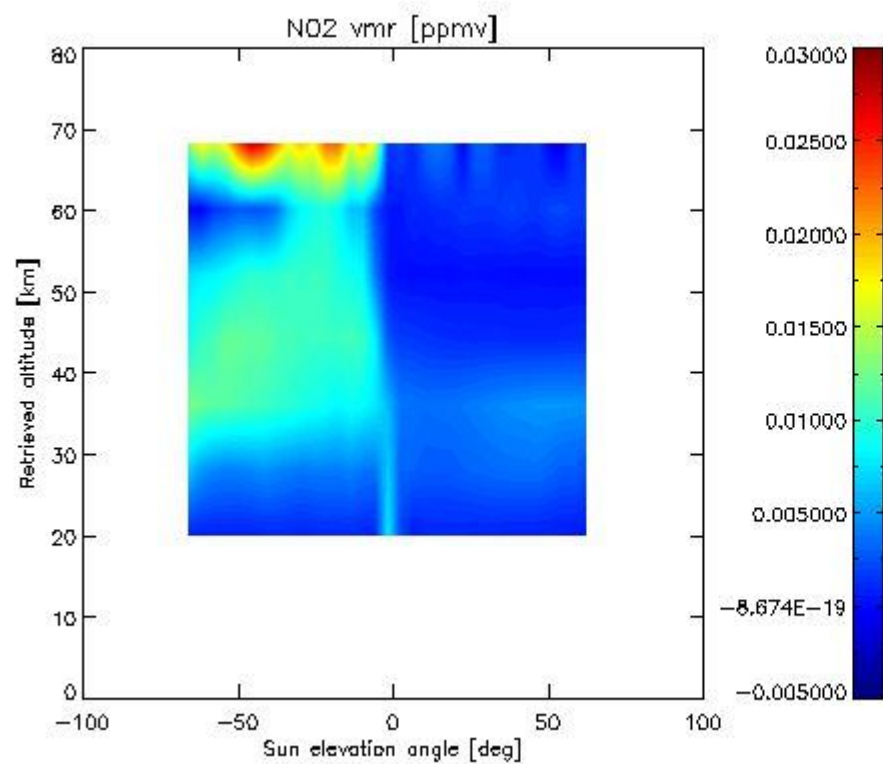
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



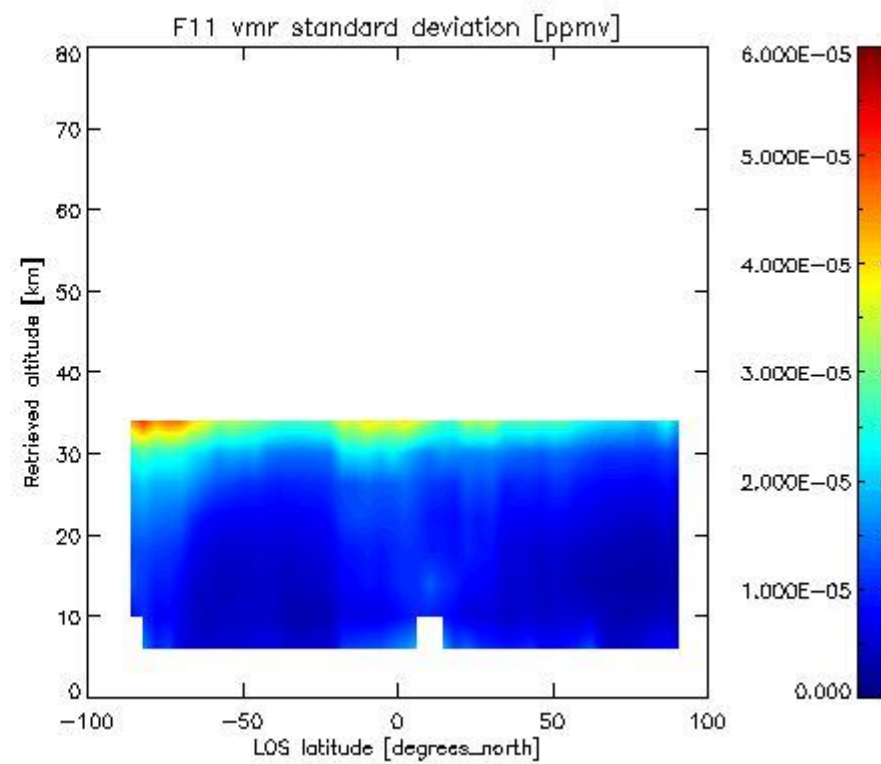
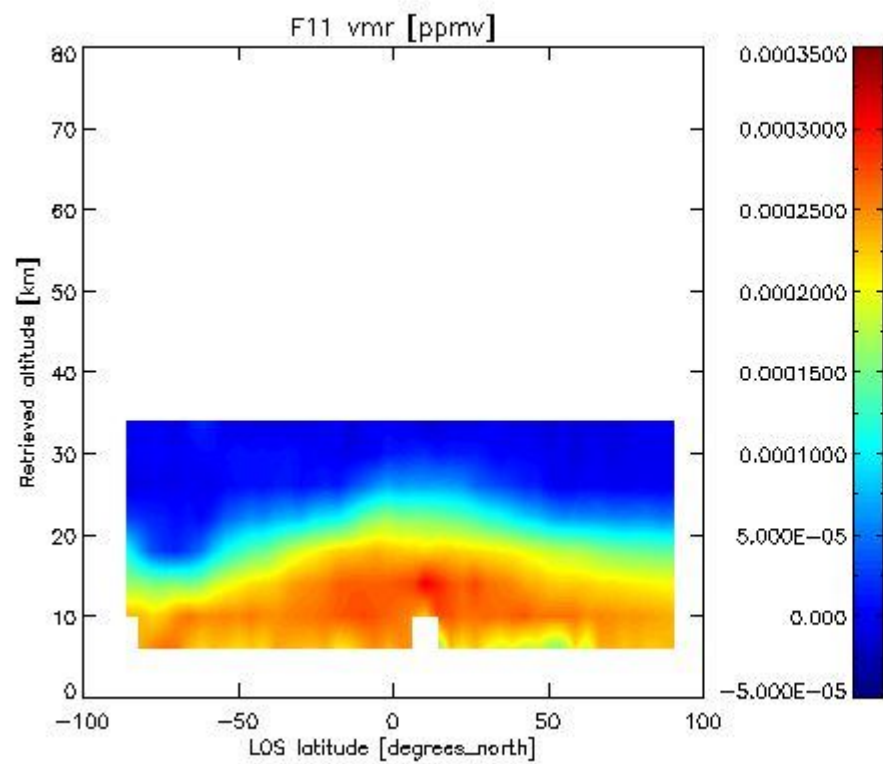
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



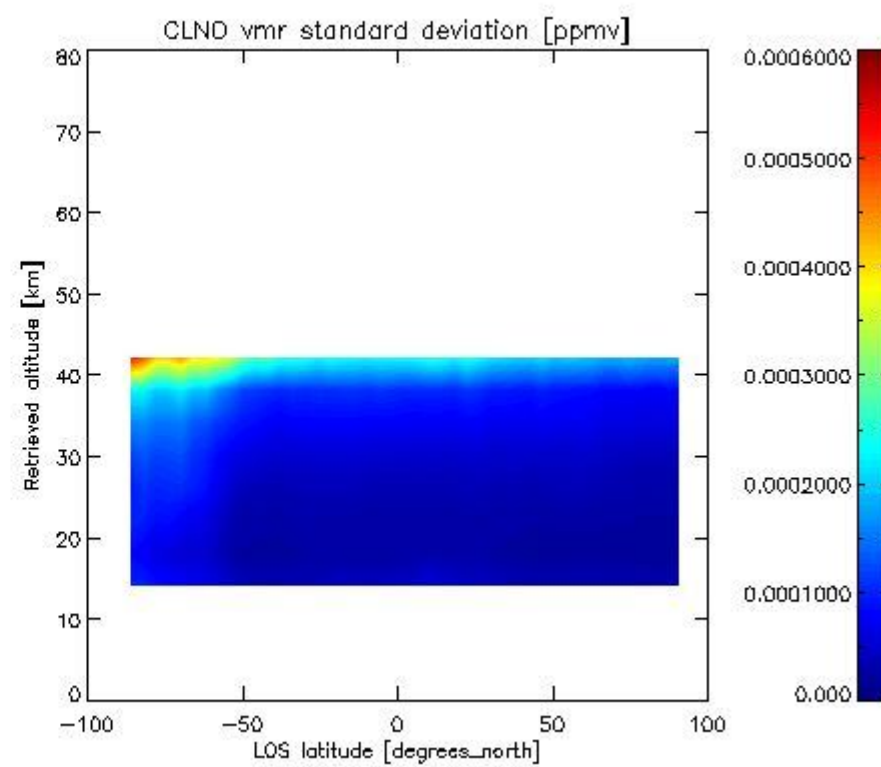
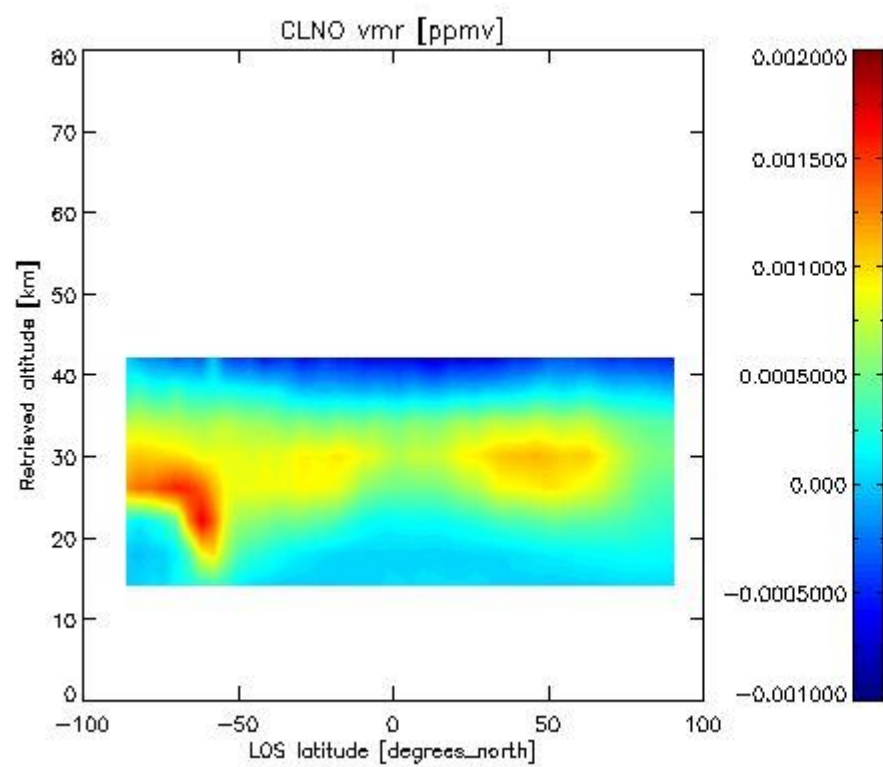
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 8 km.

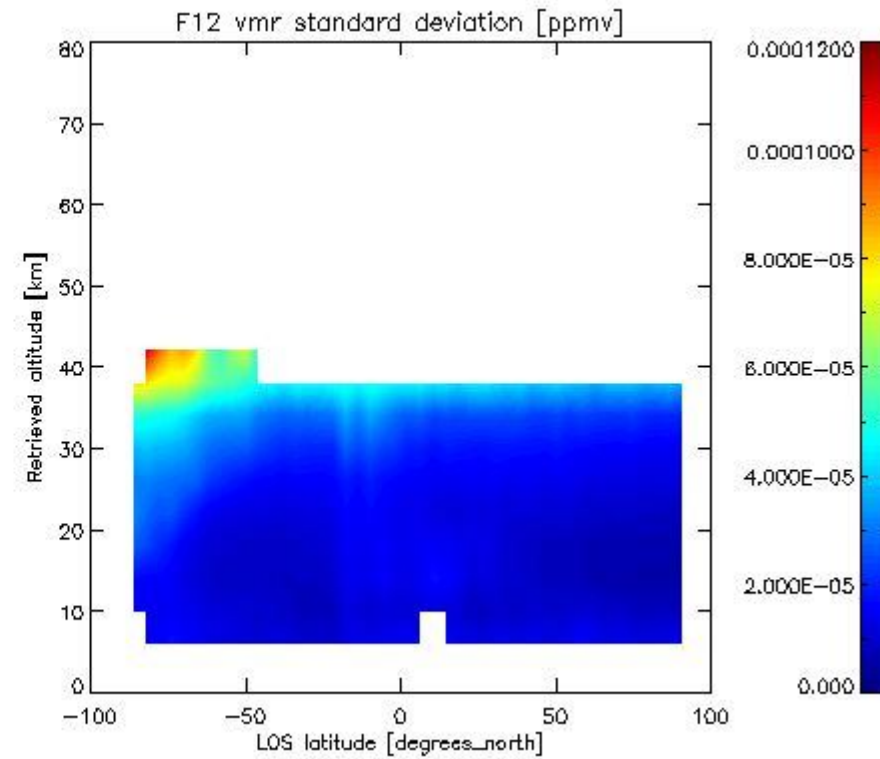
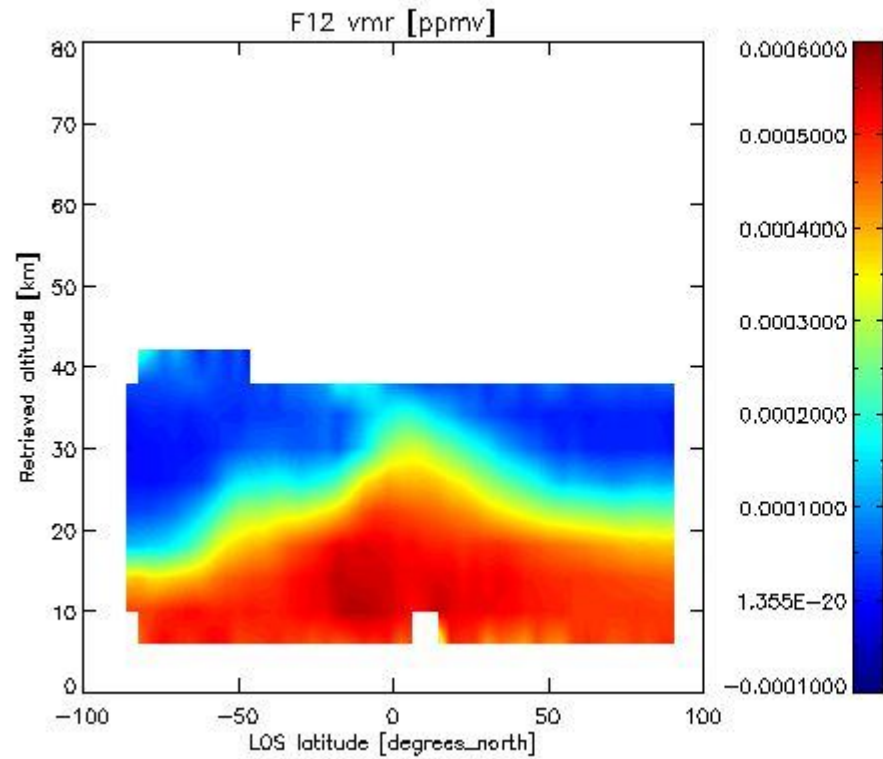
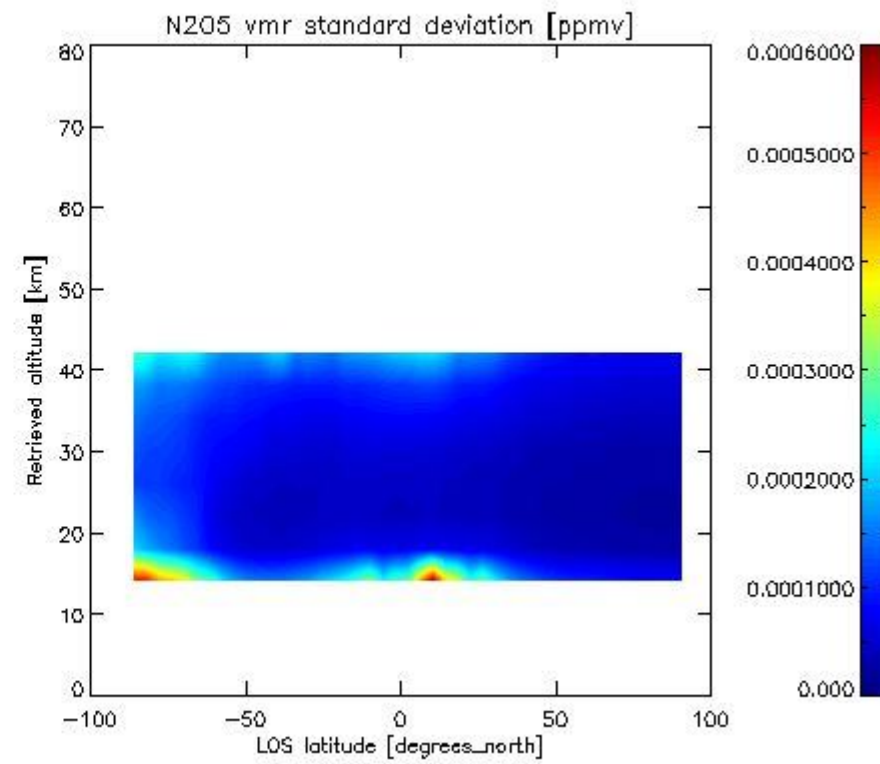
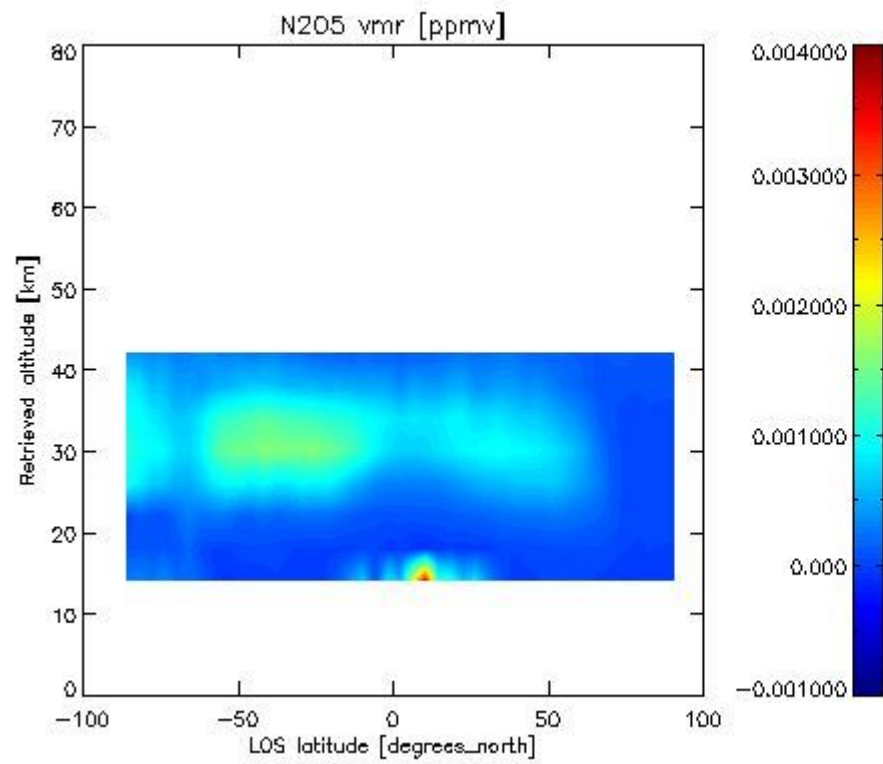


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

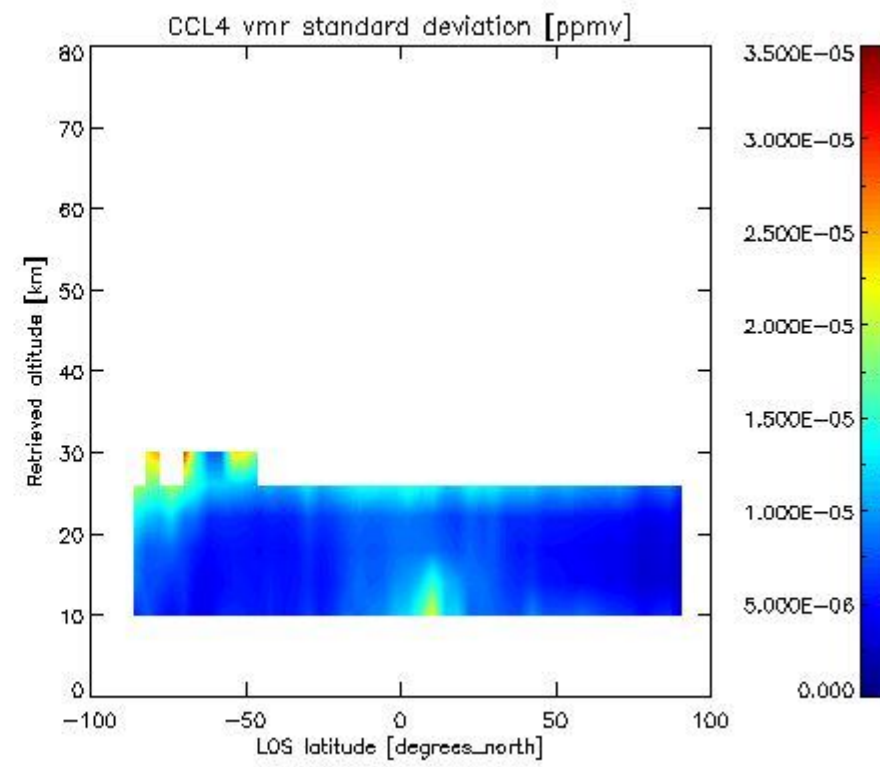
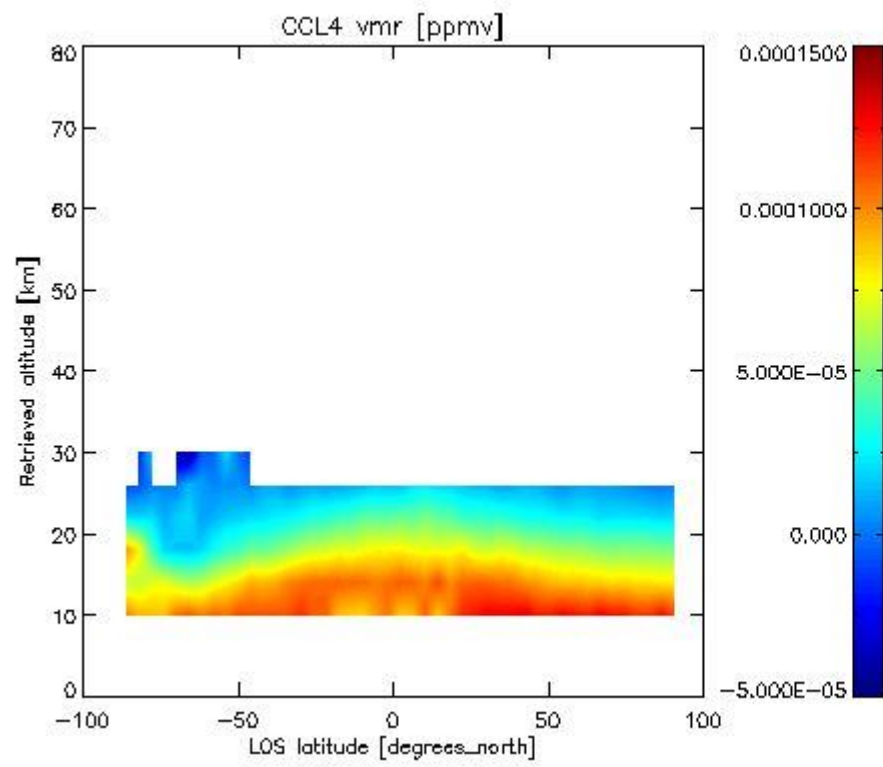
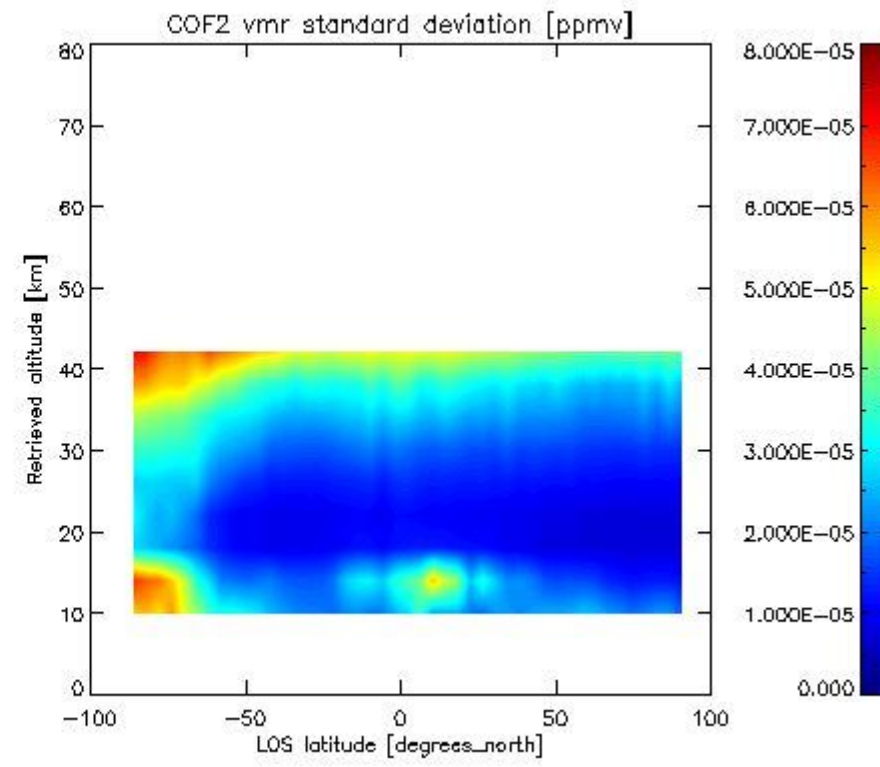
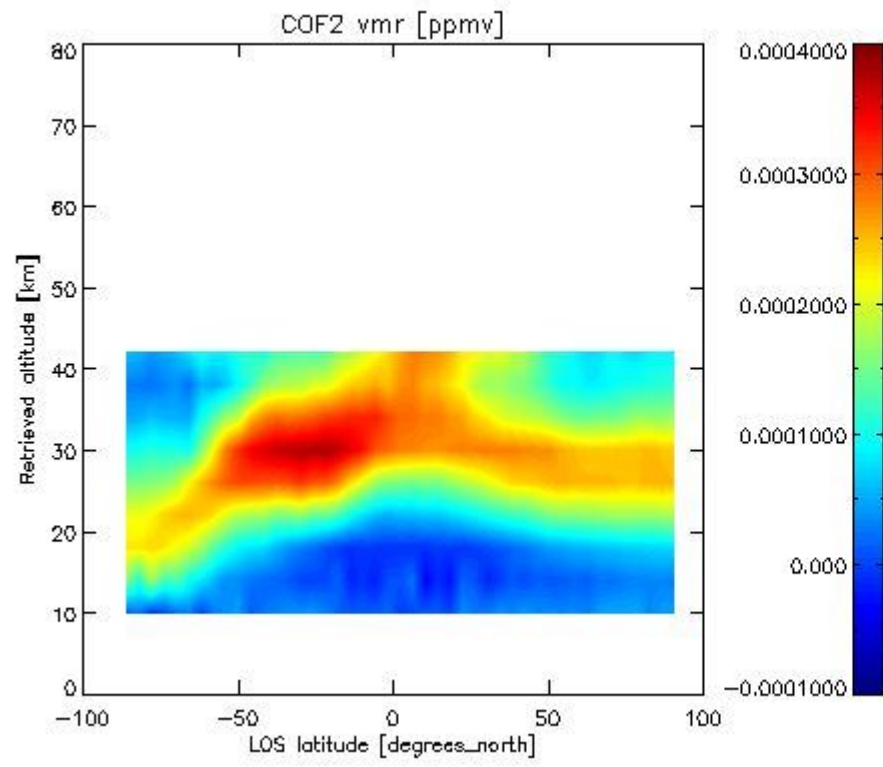


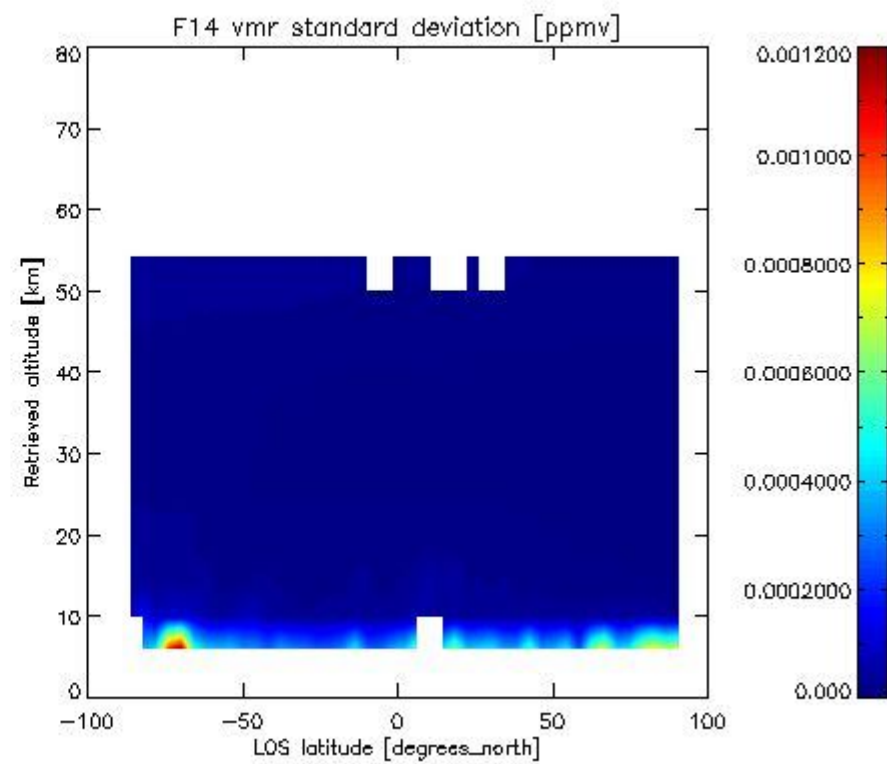
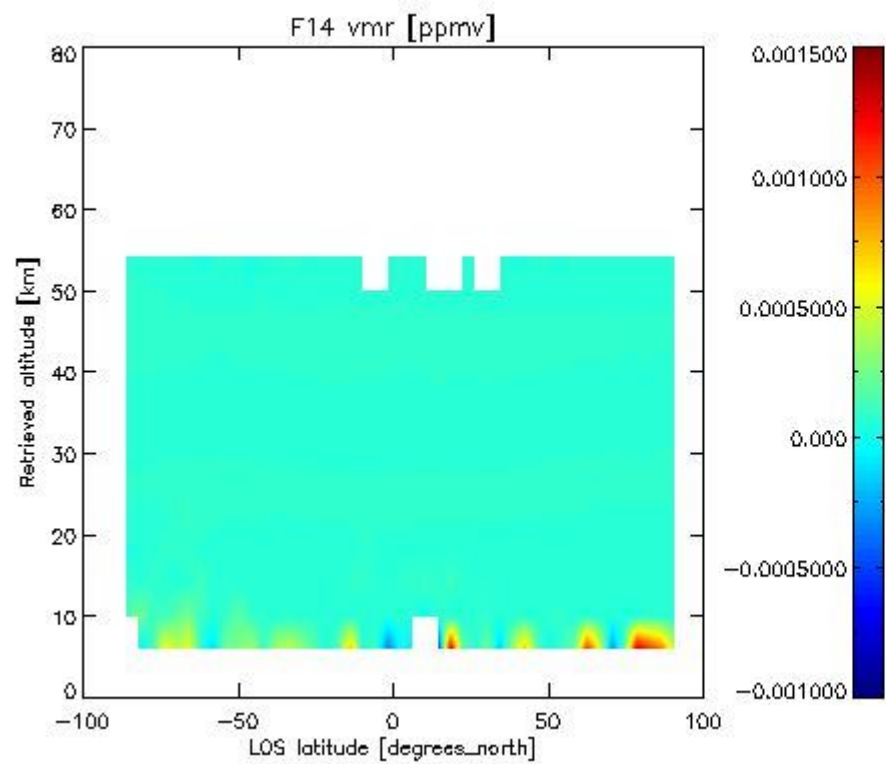
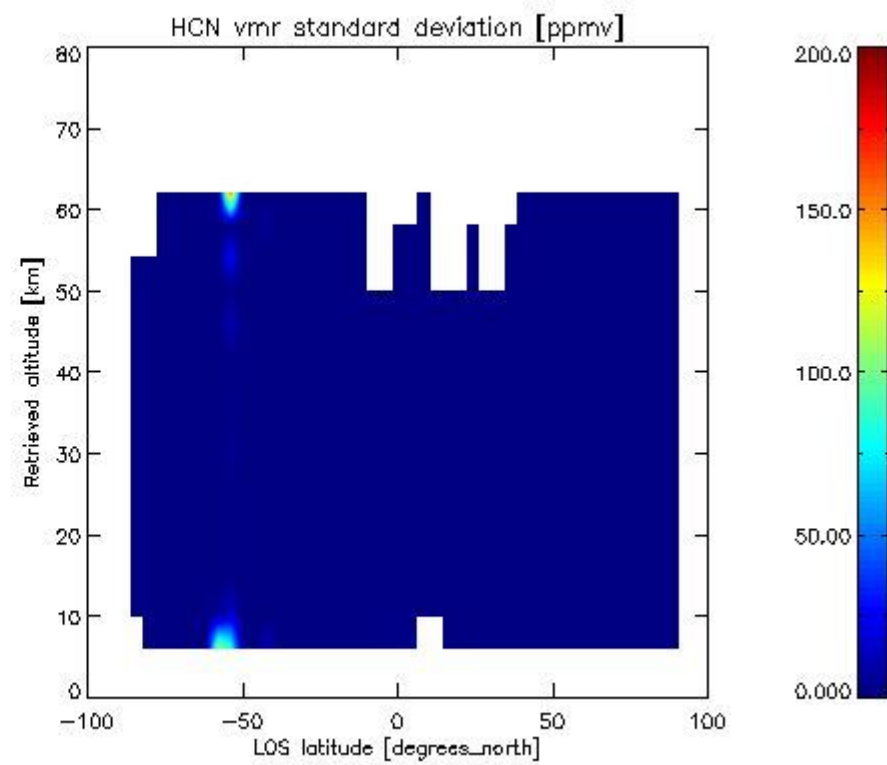
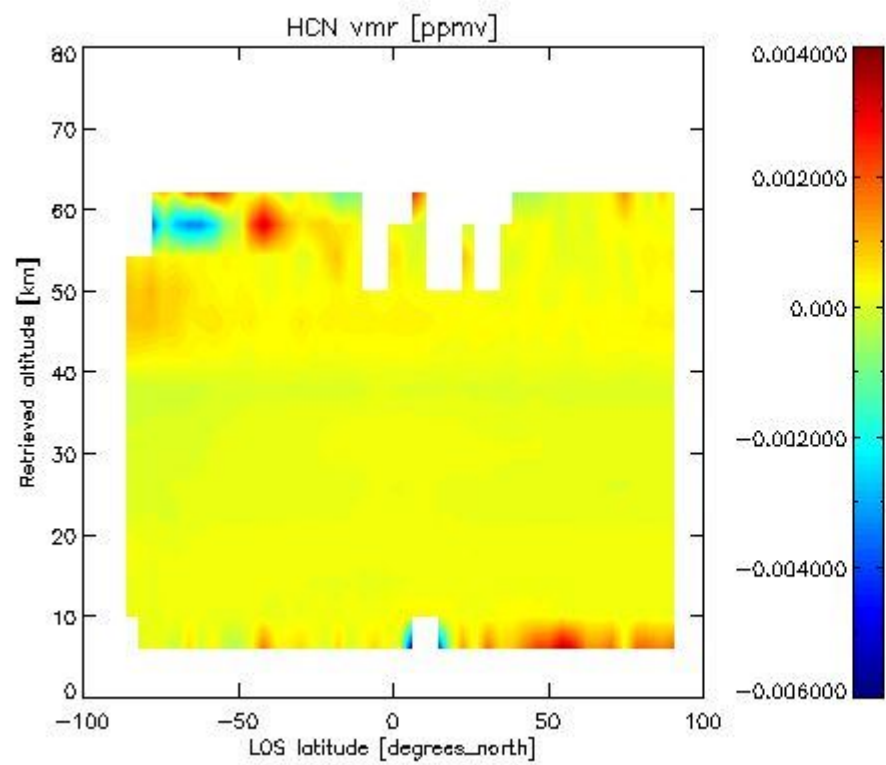
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

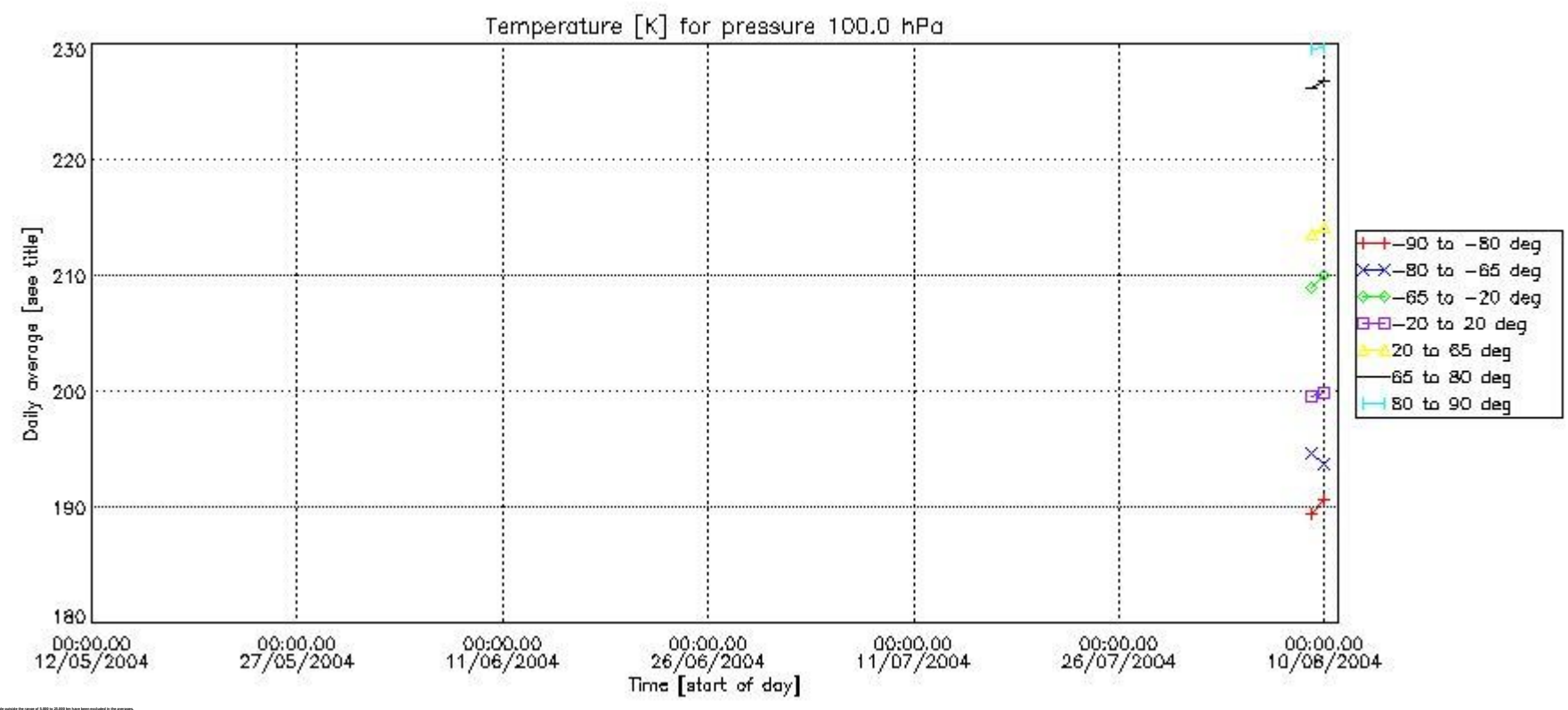
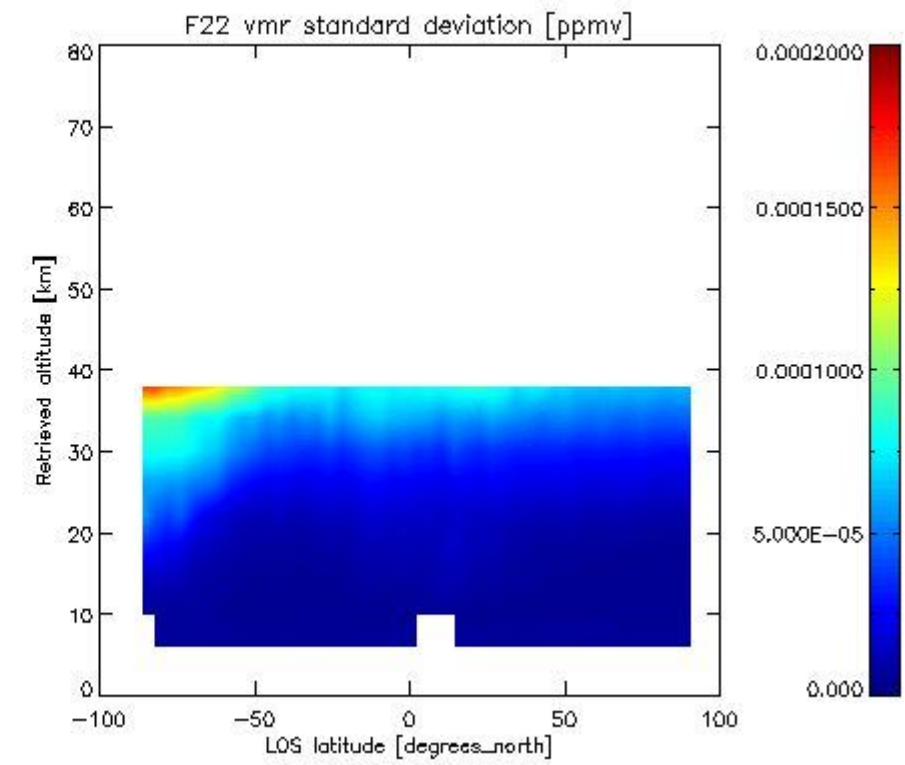
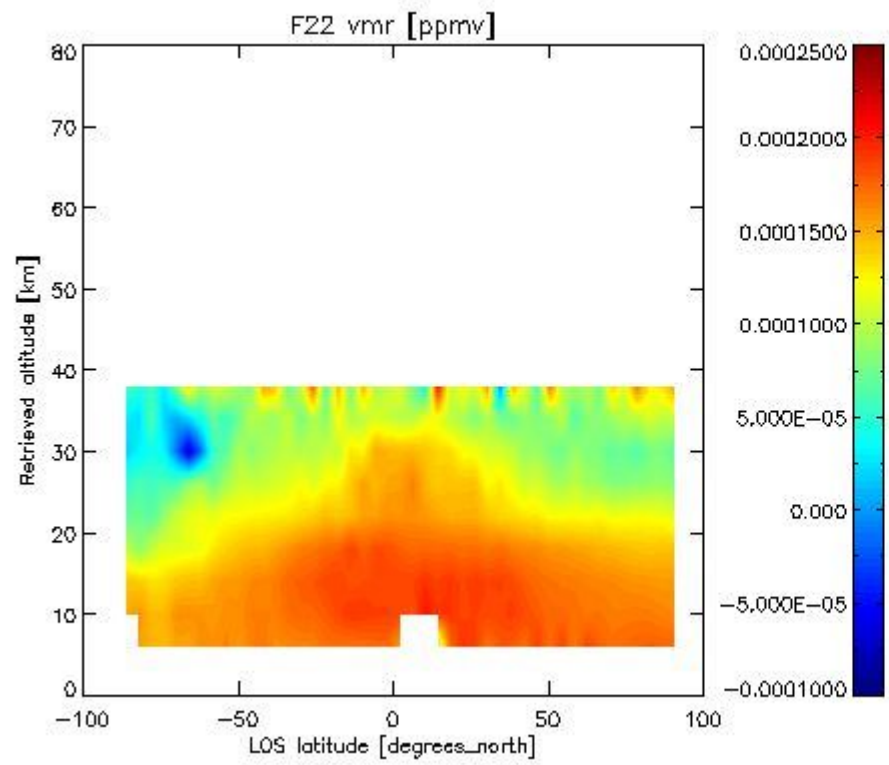


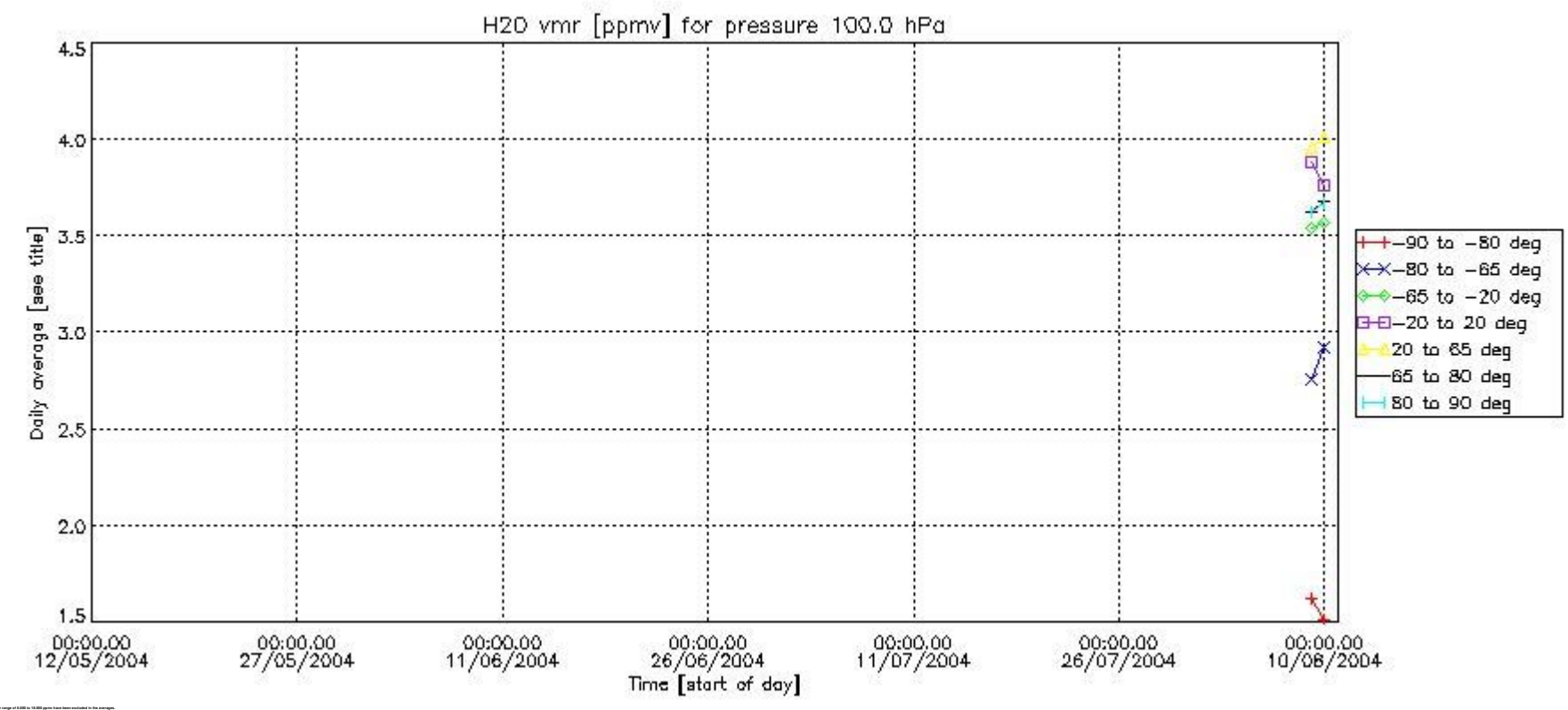
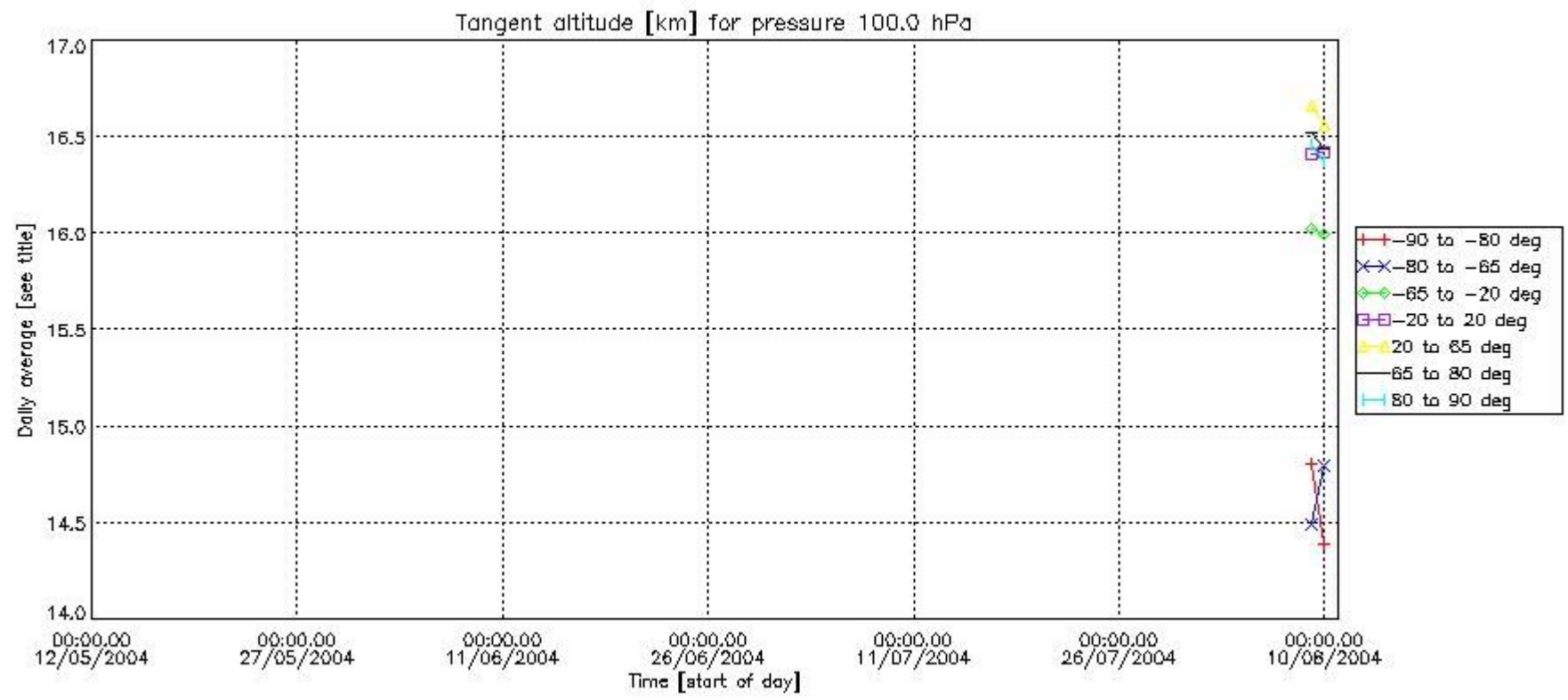


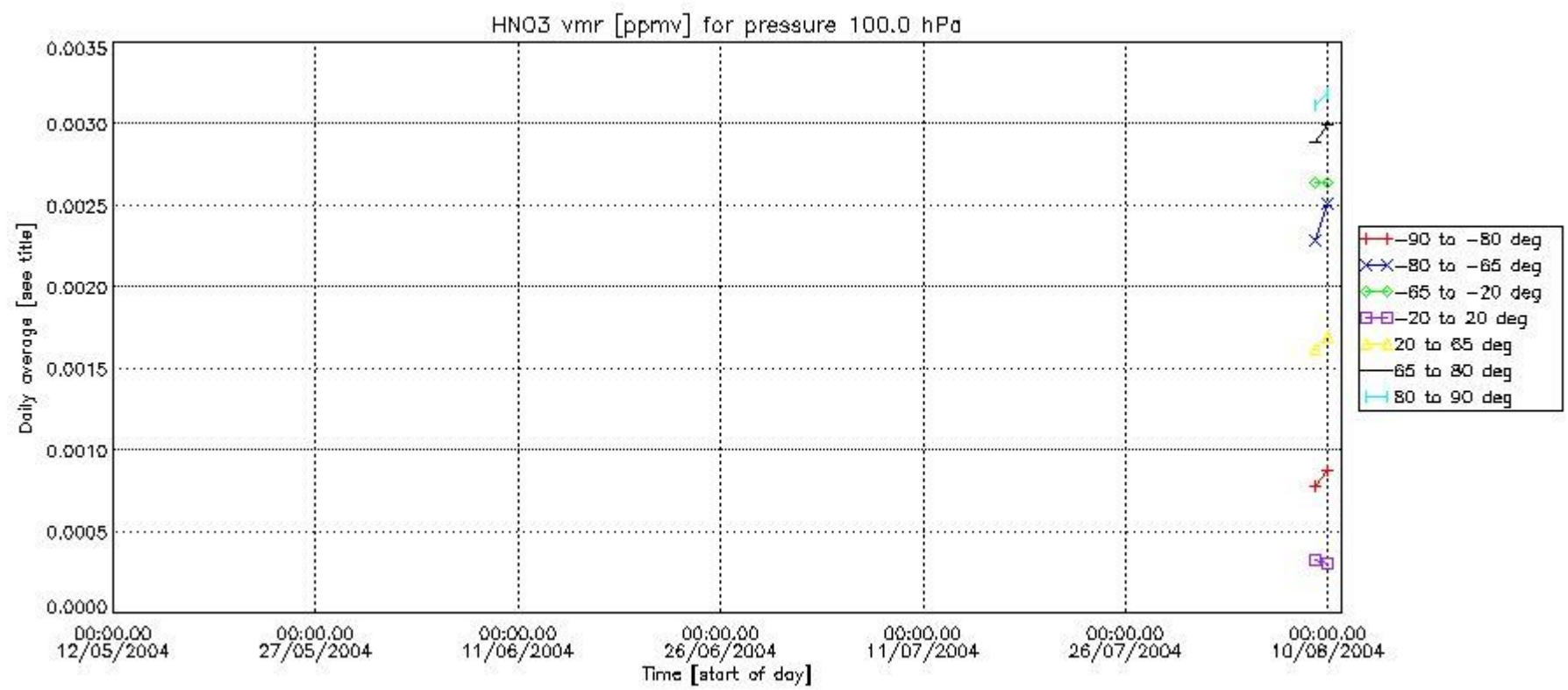
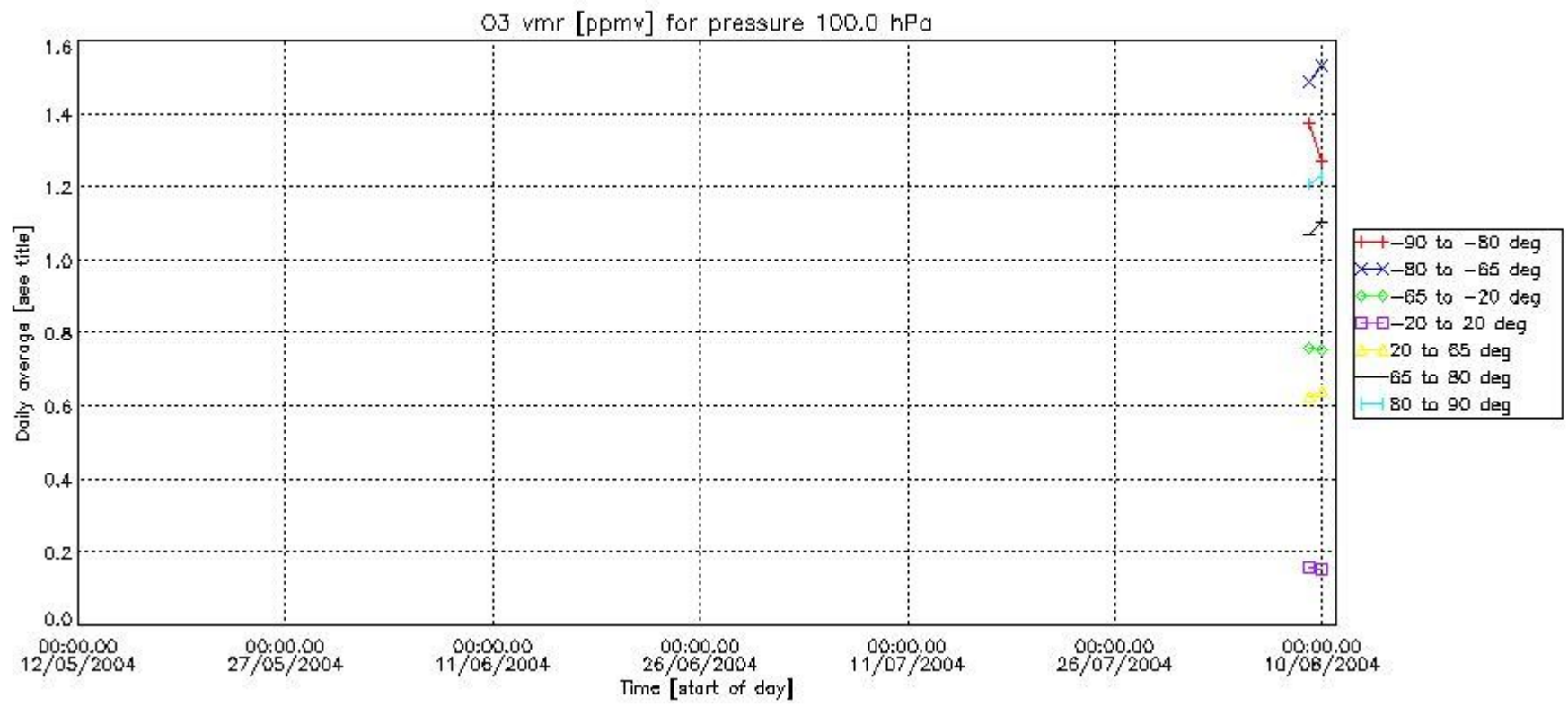


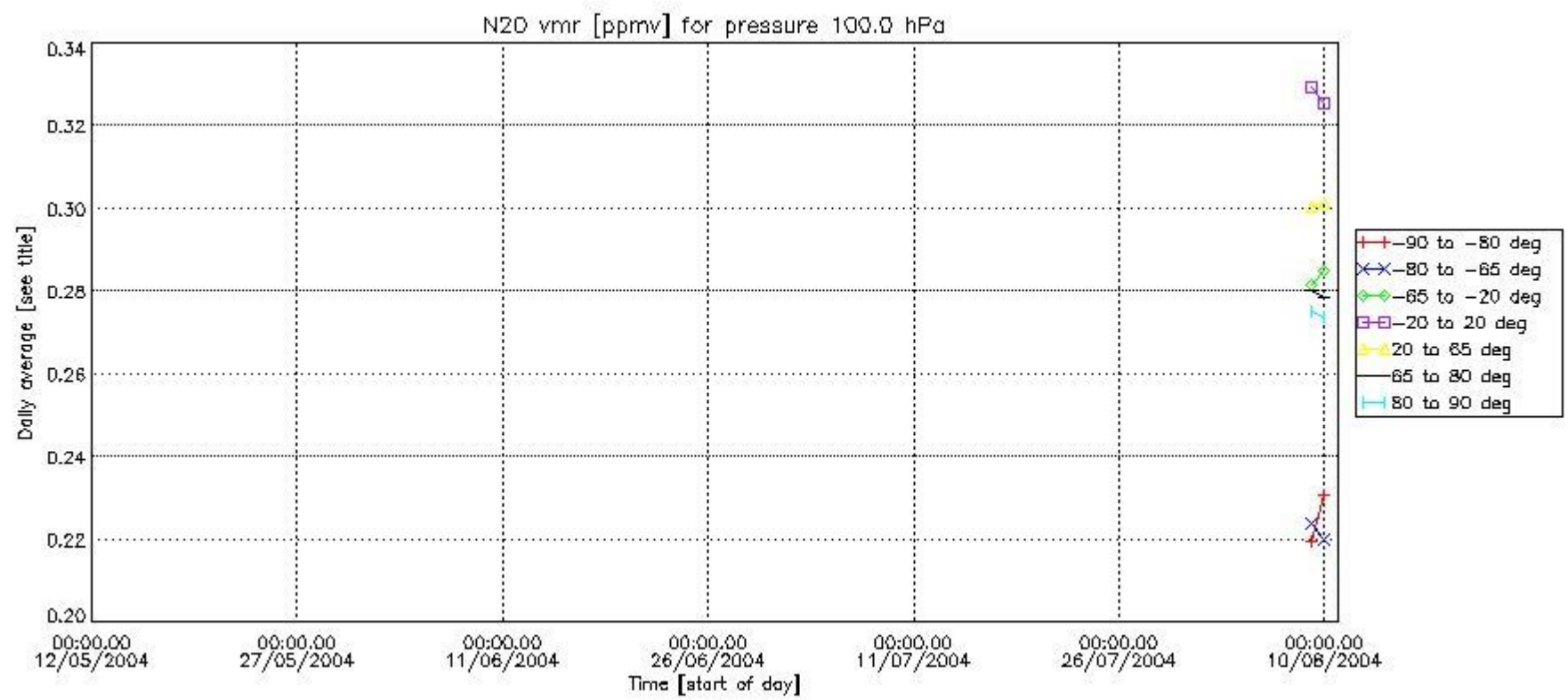
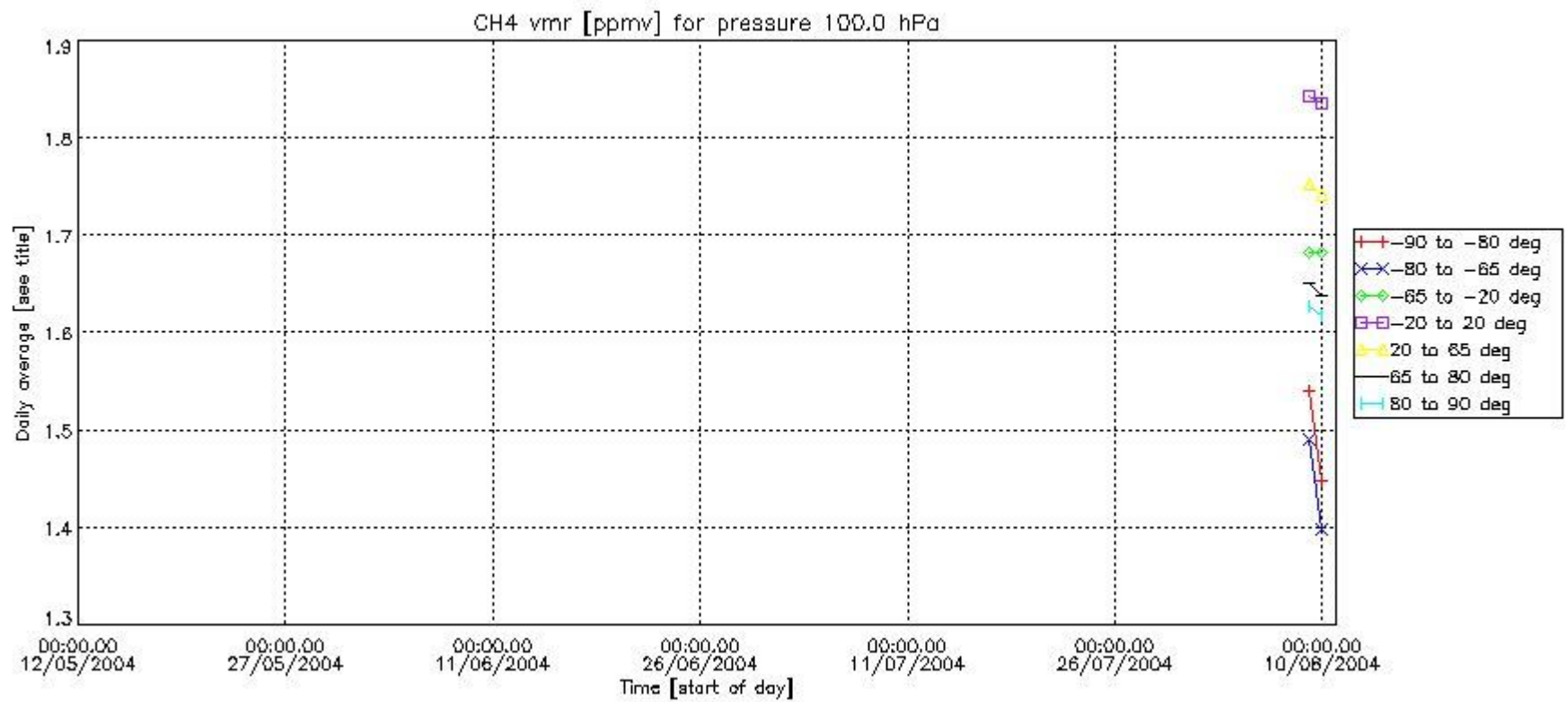


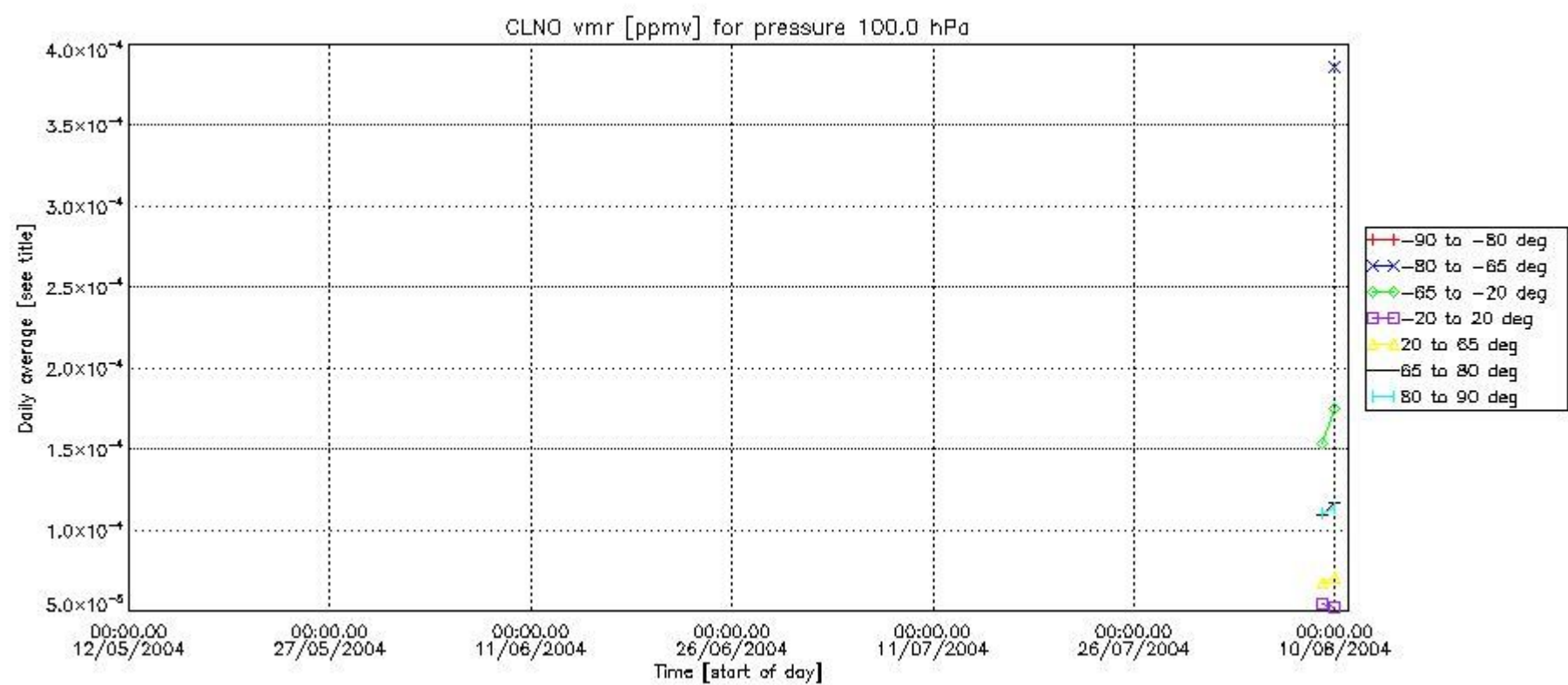
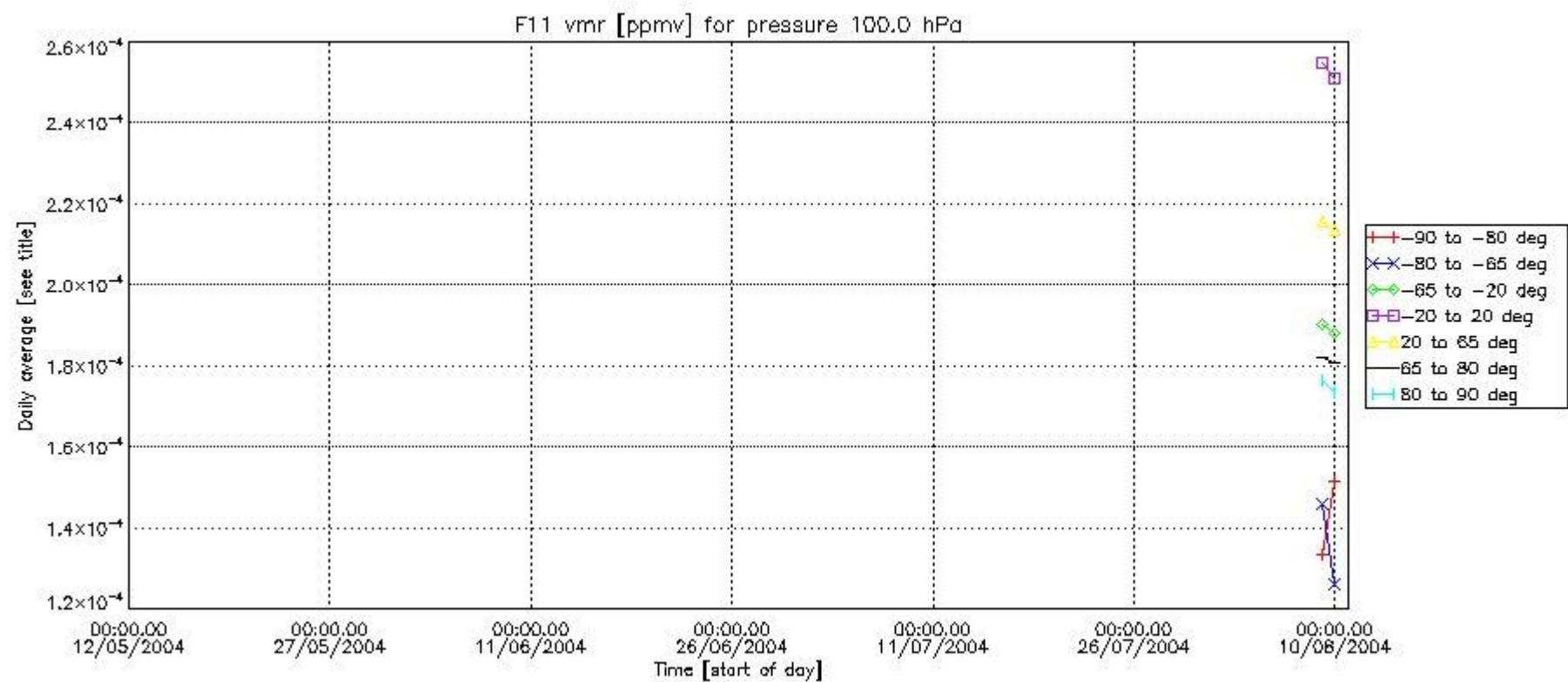


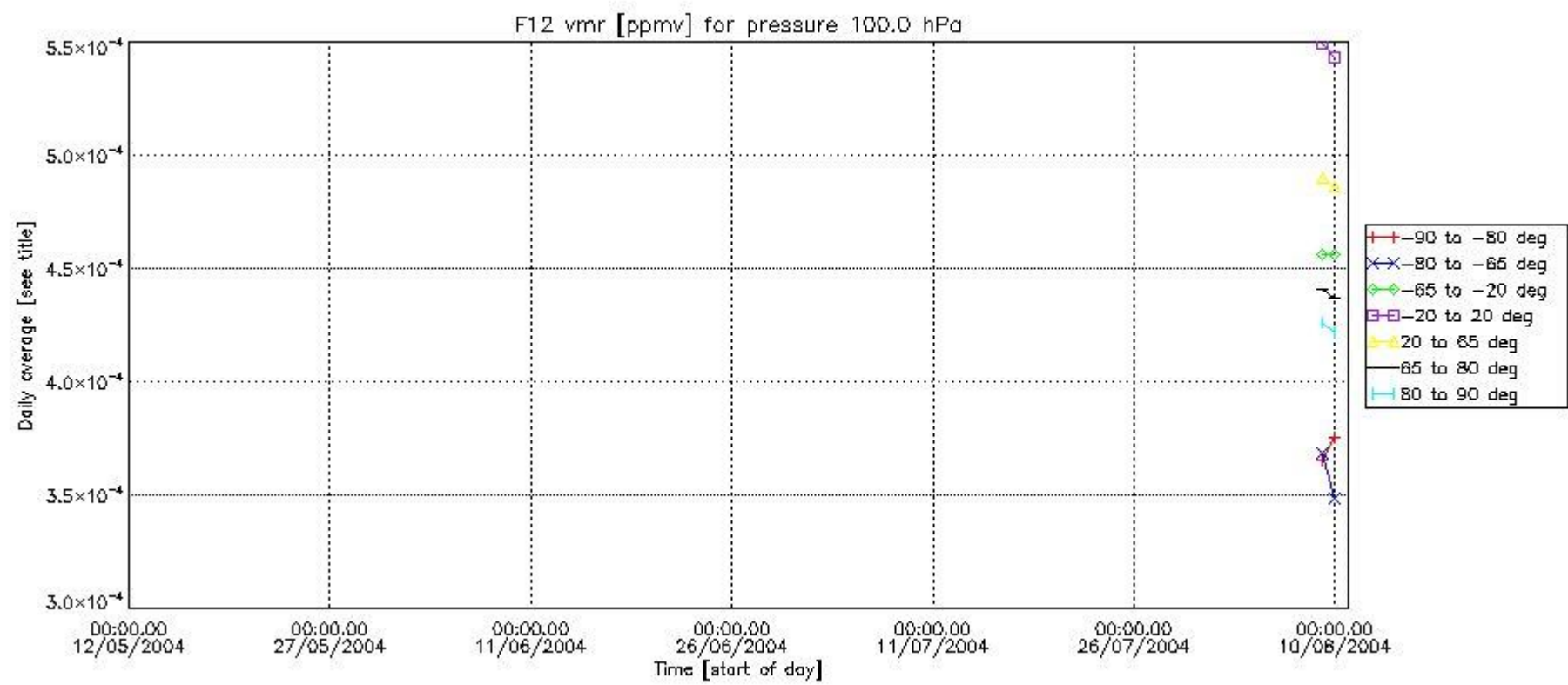
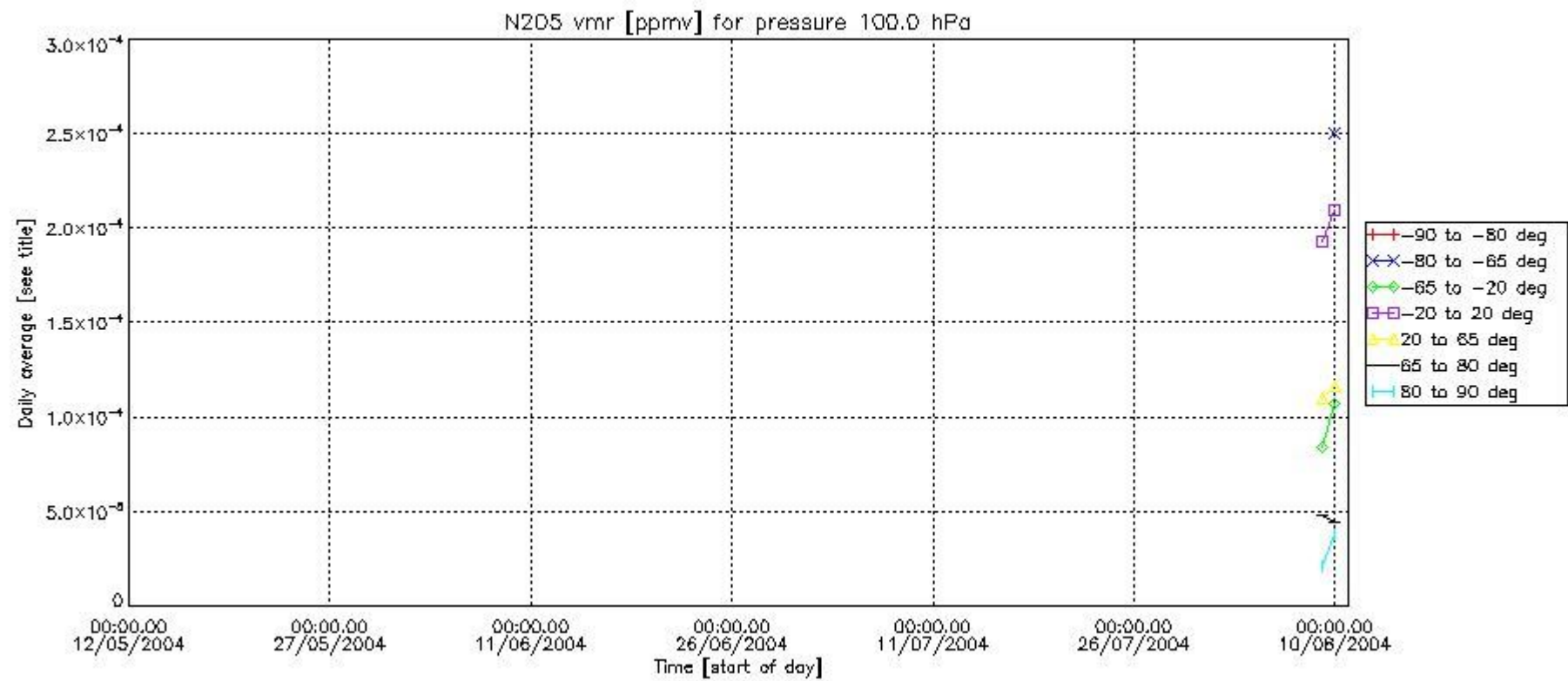




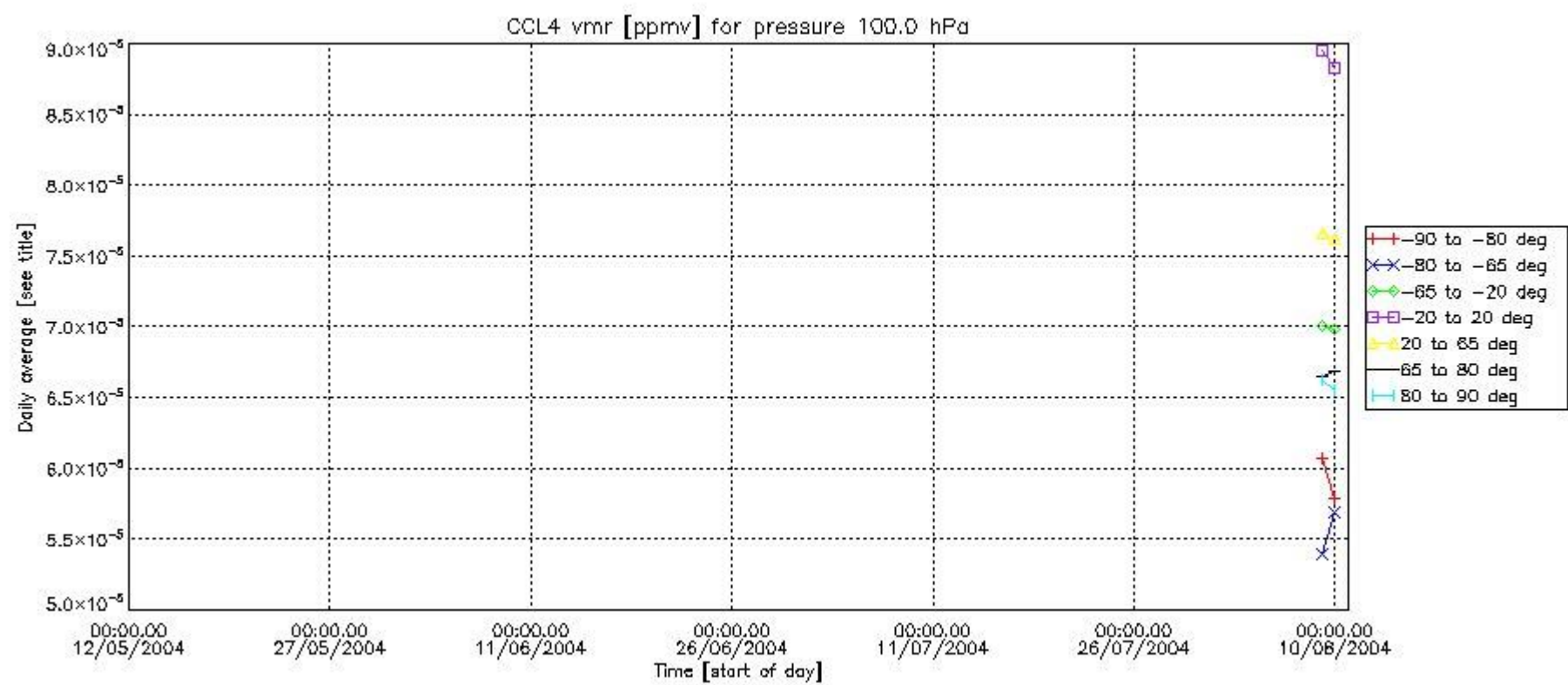
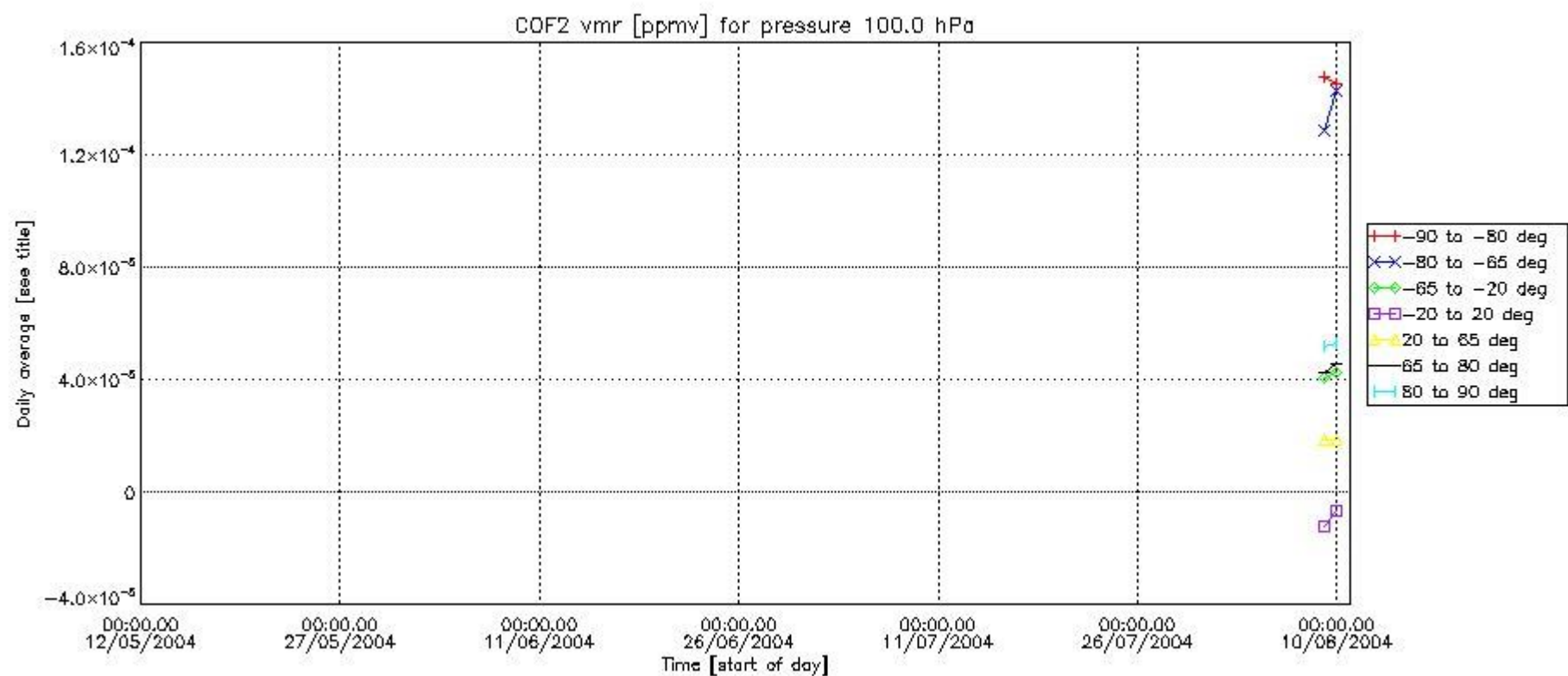


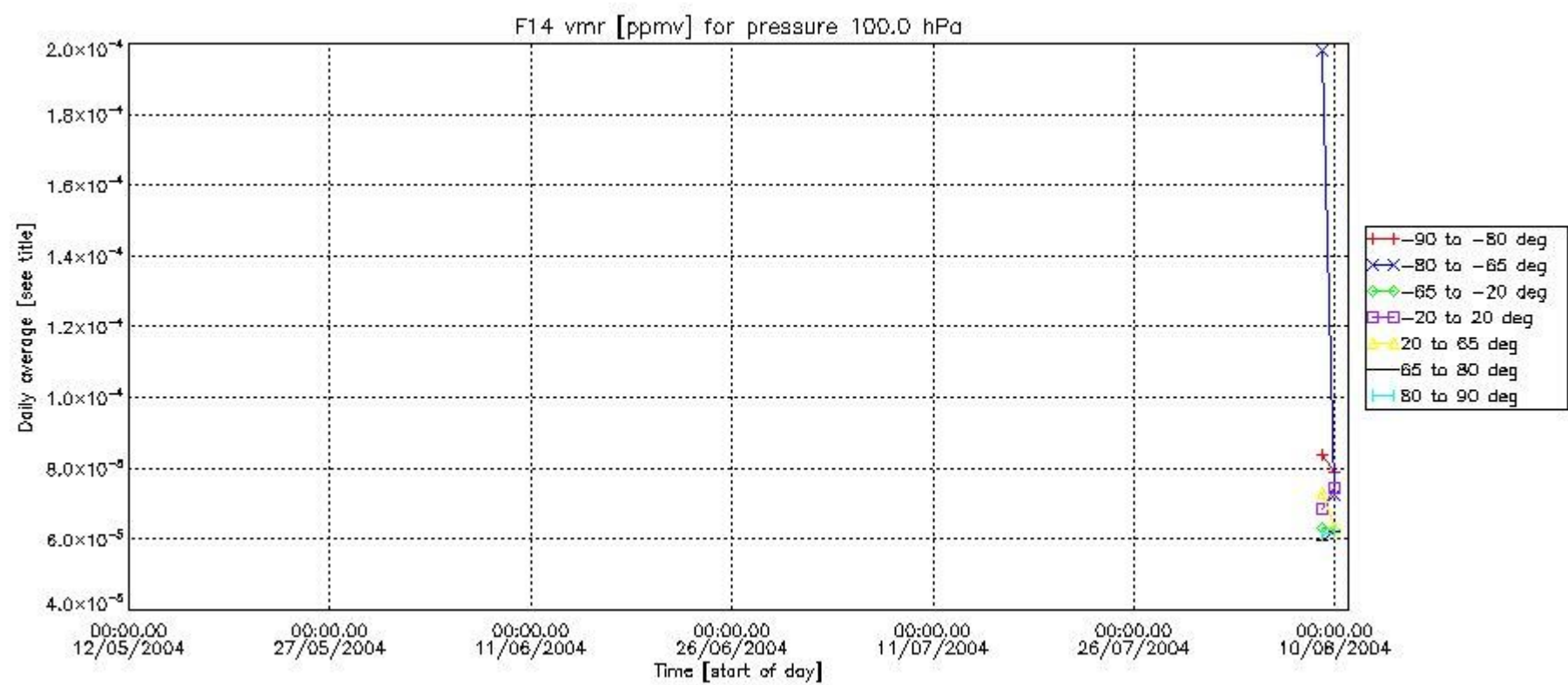
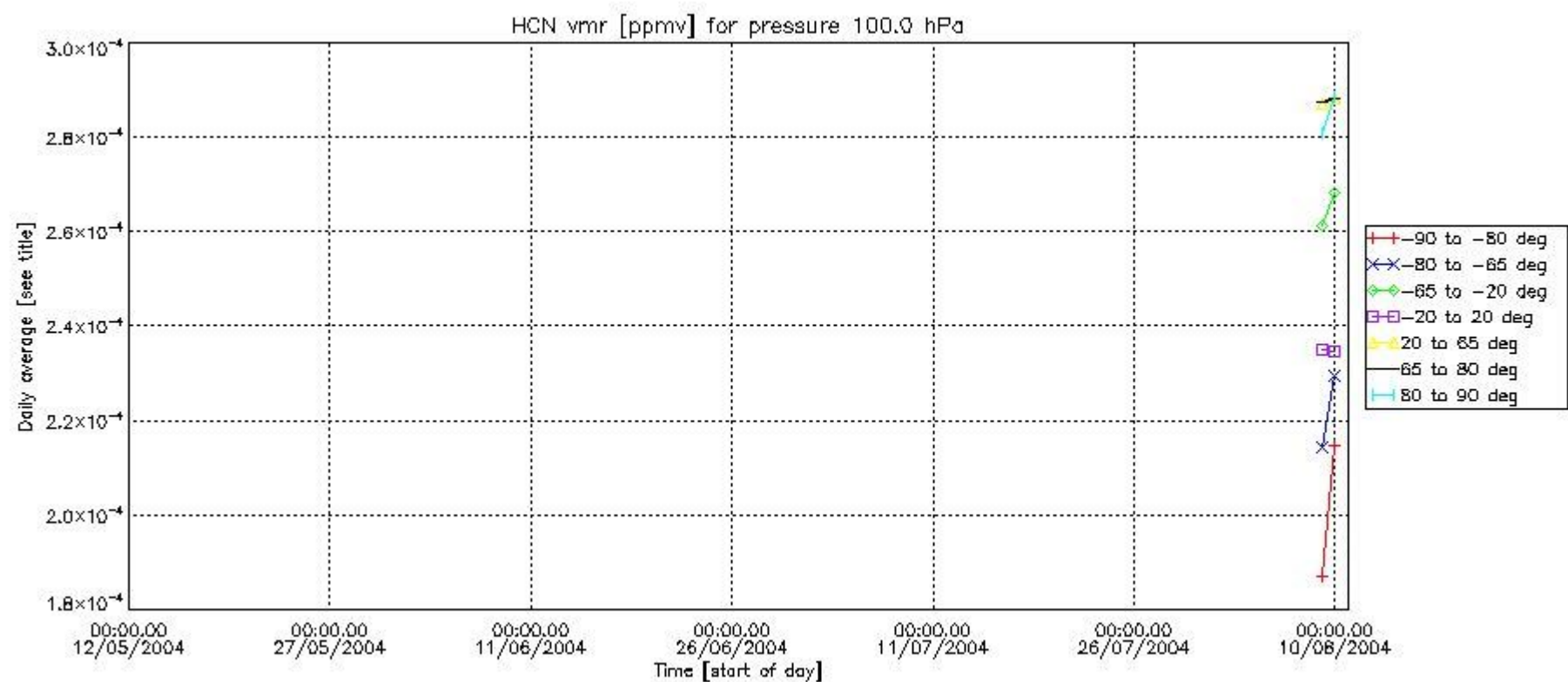


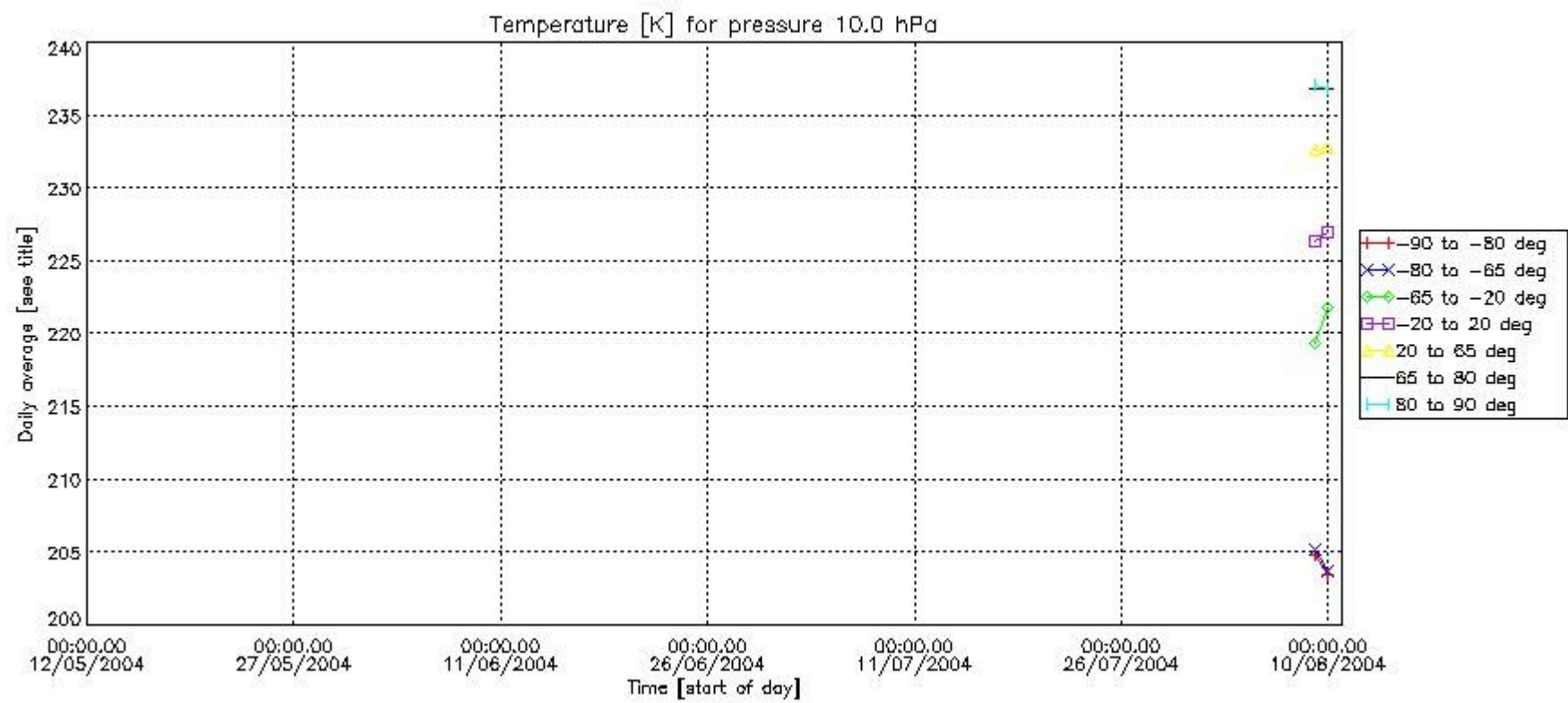
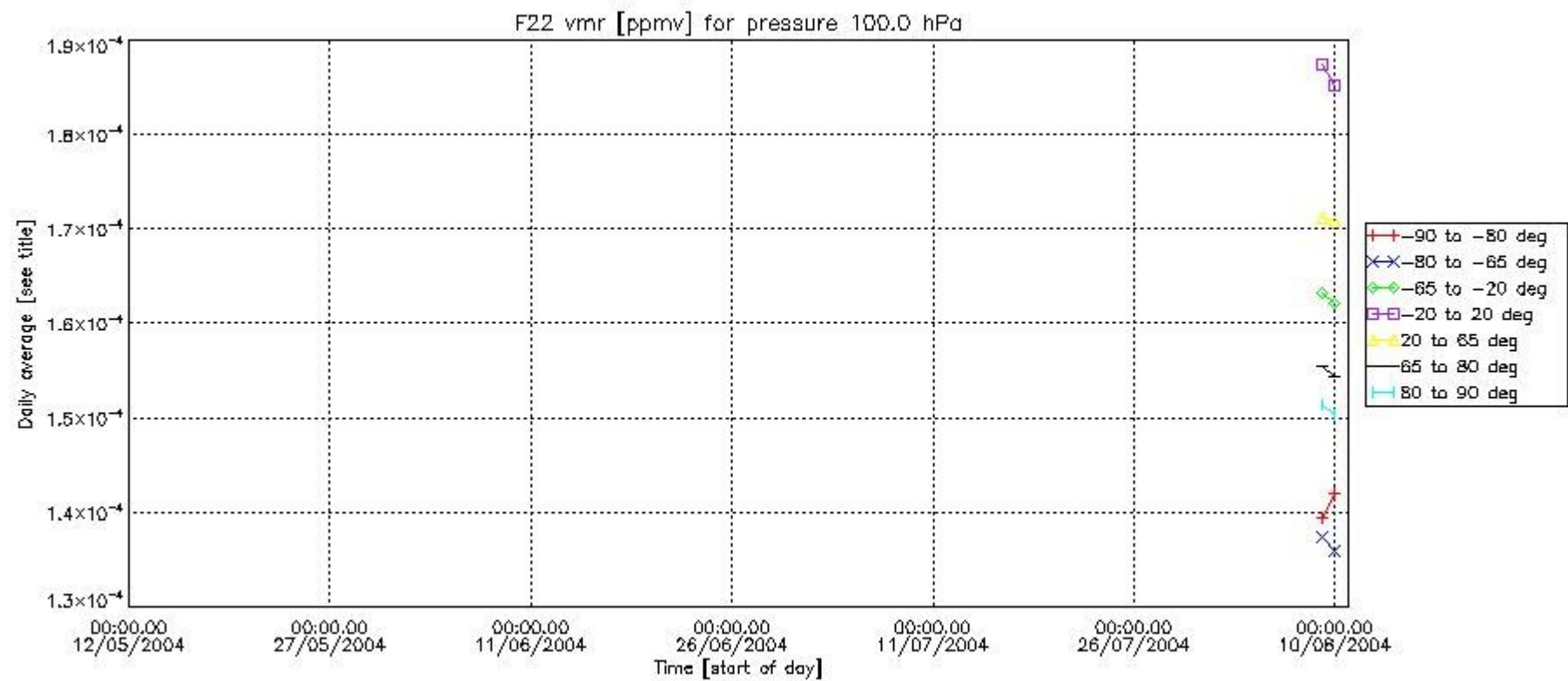


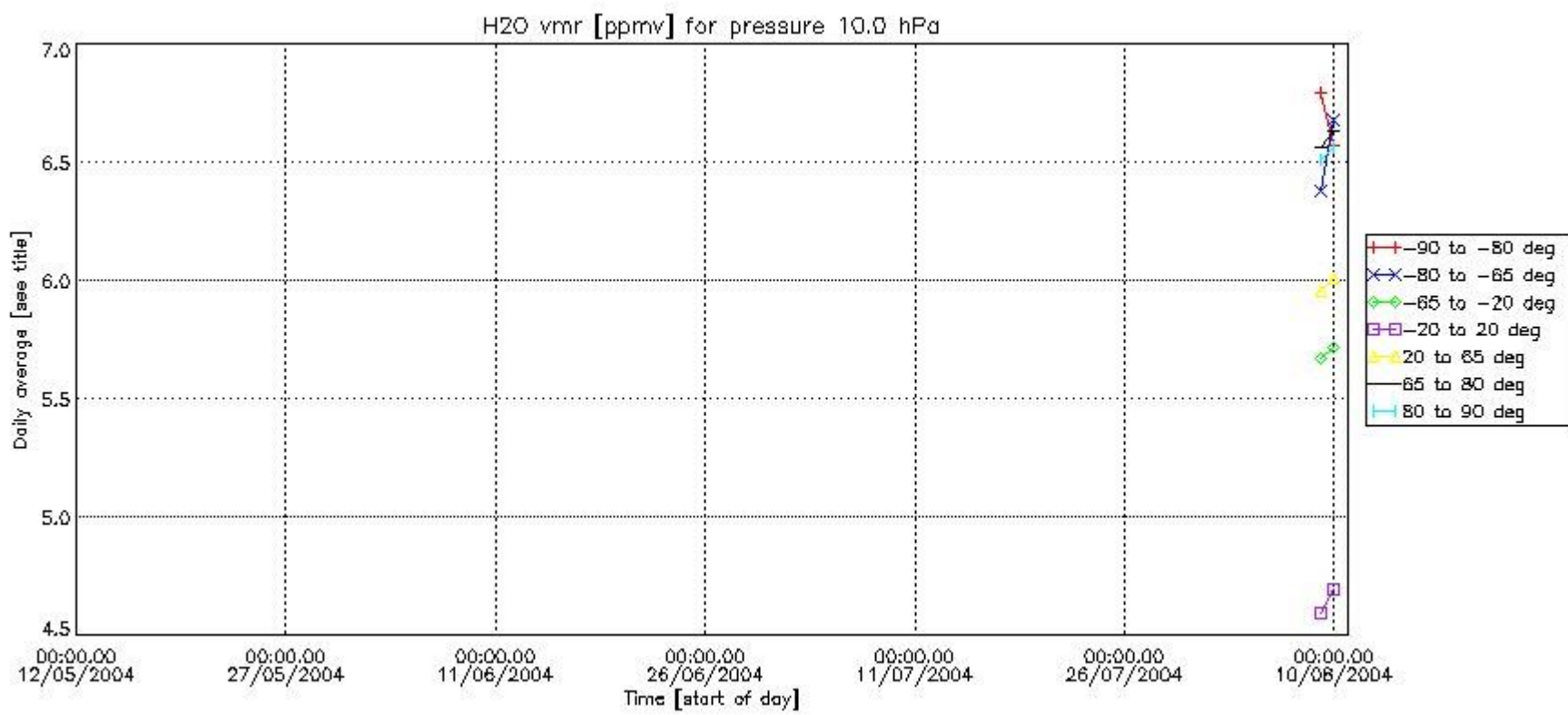
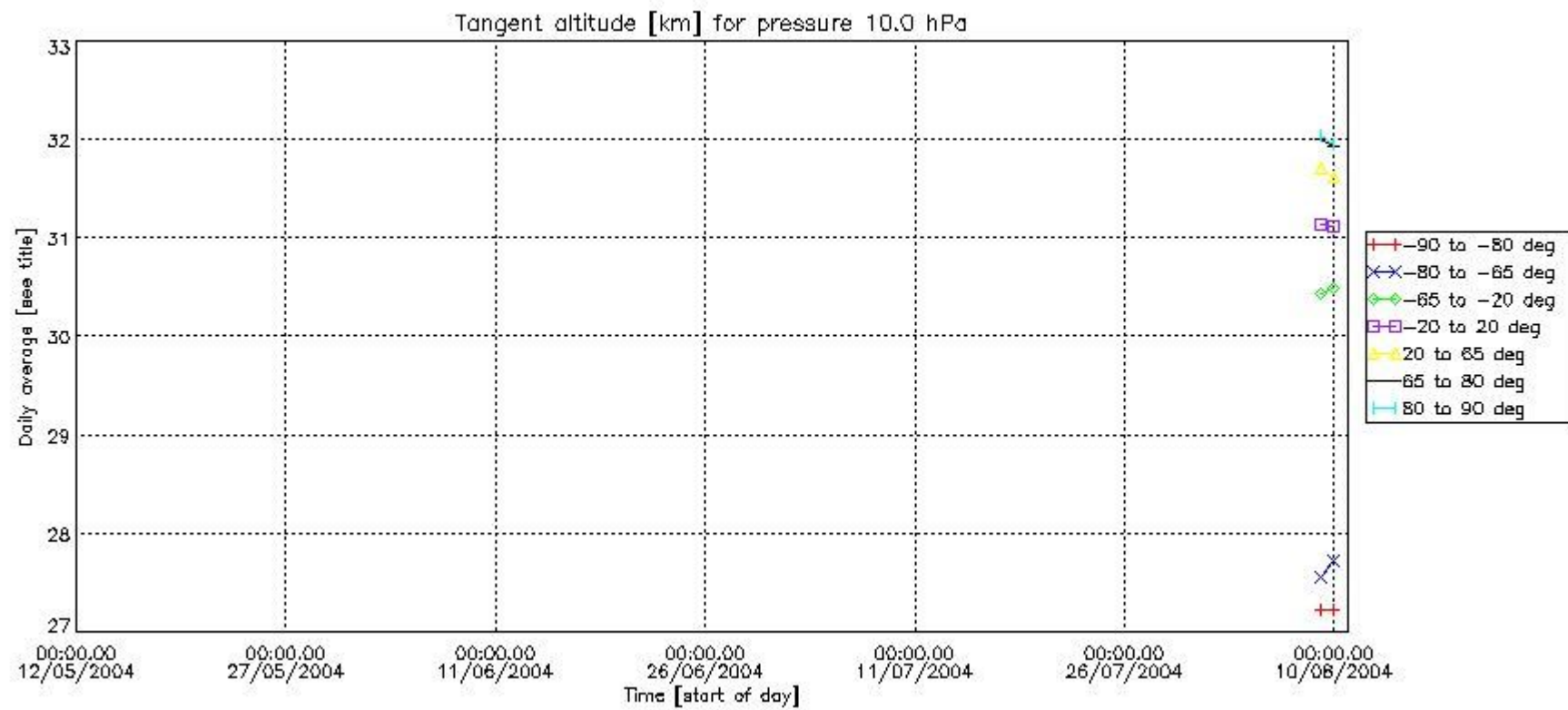


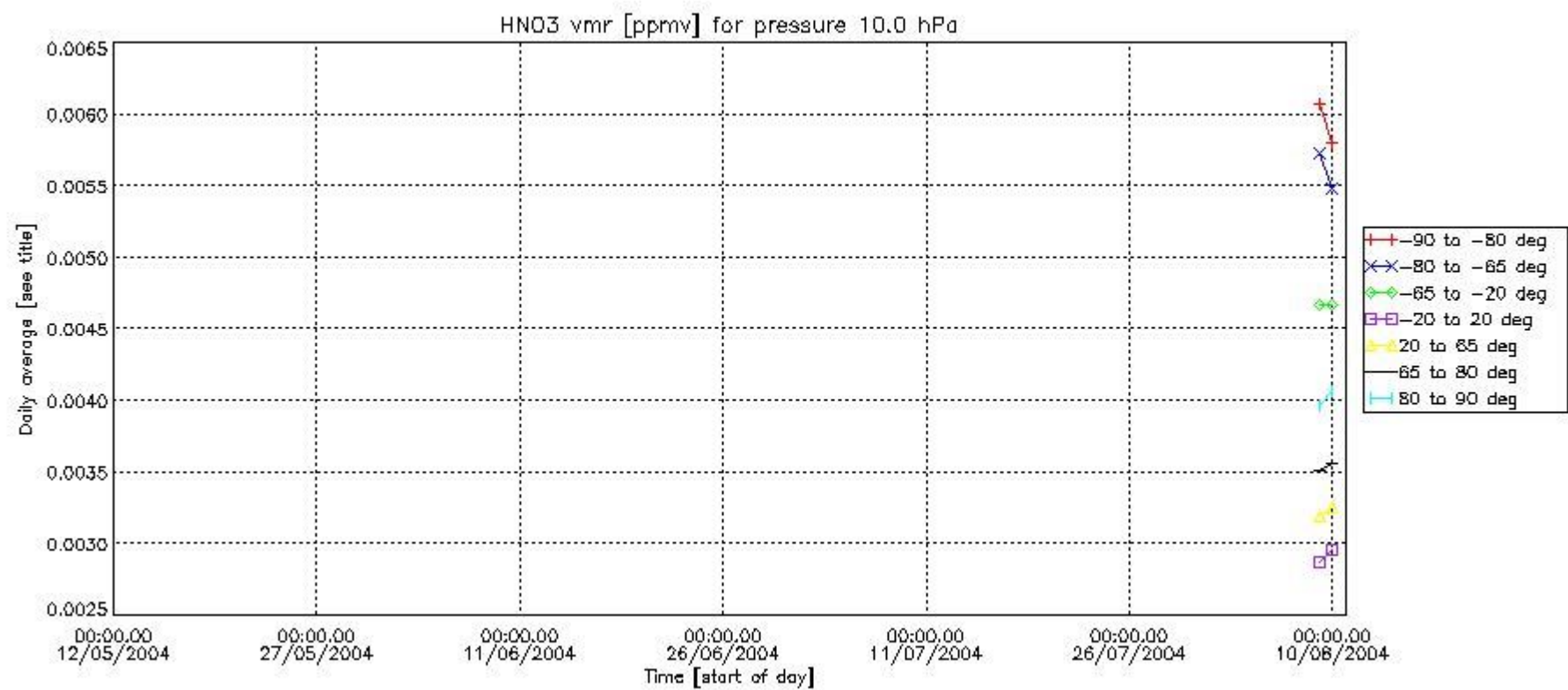
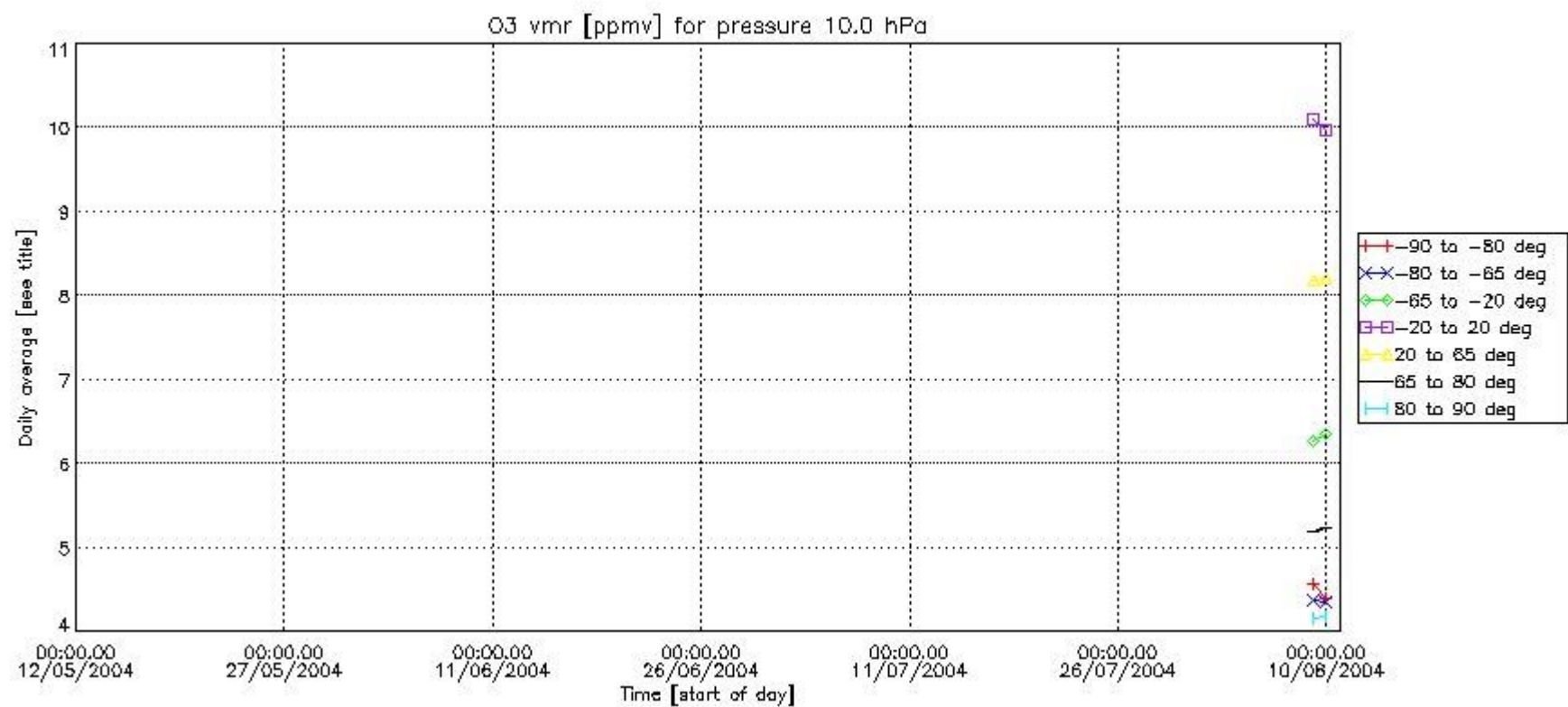


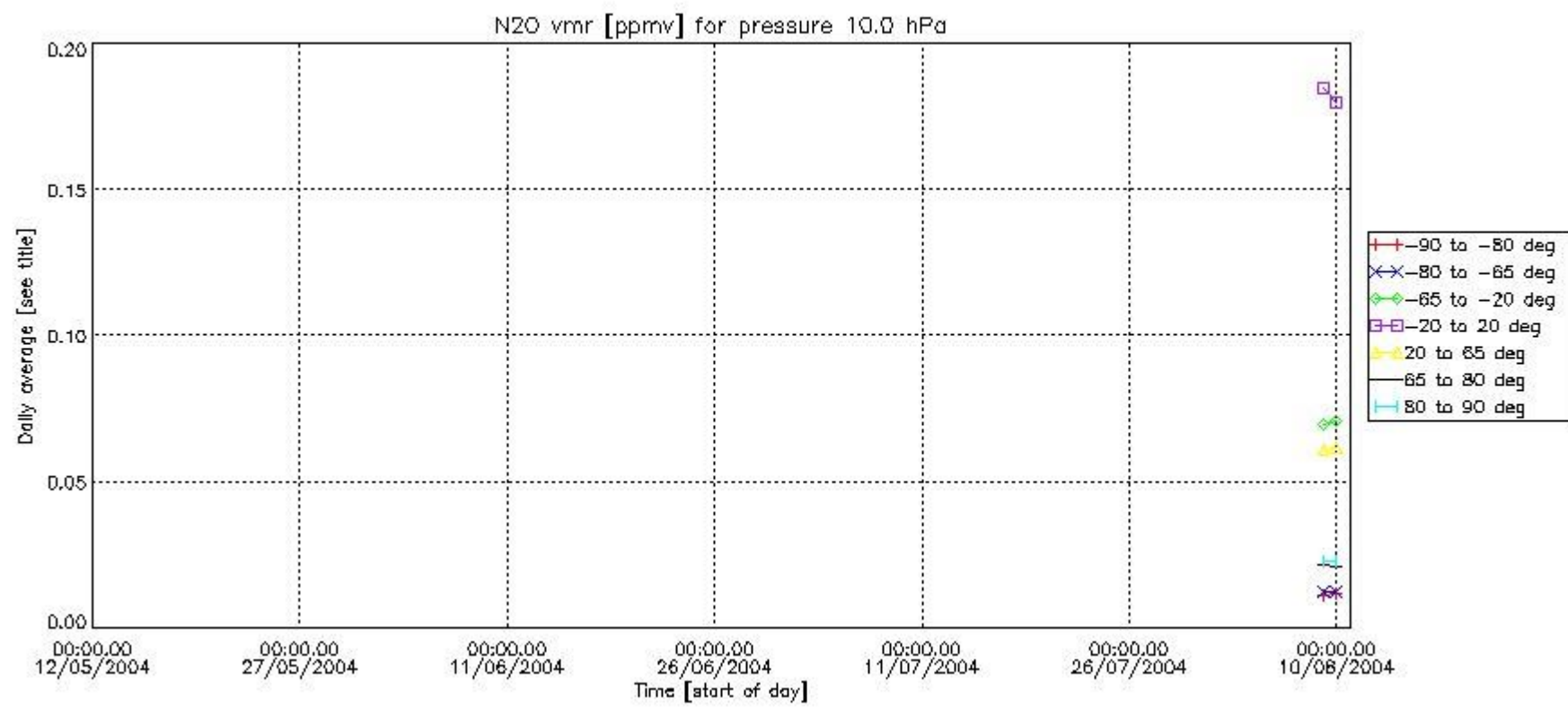
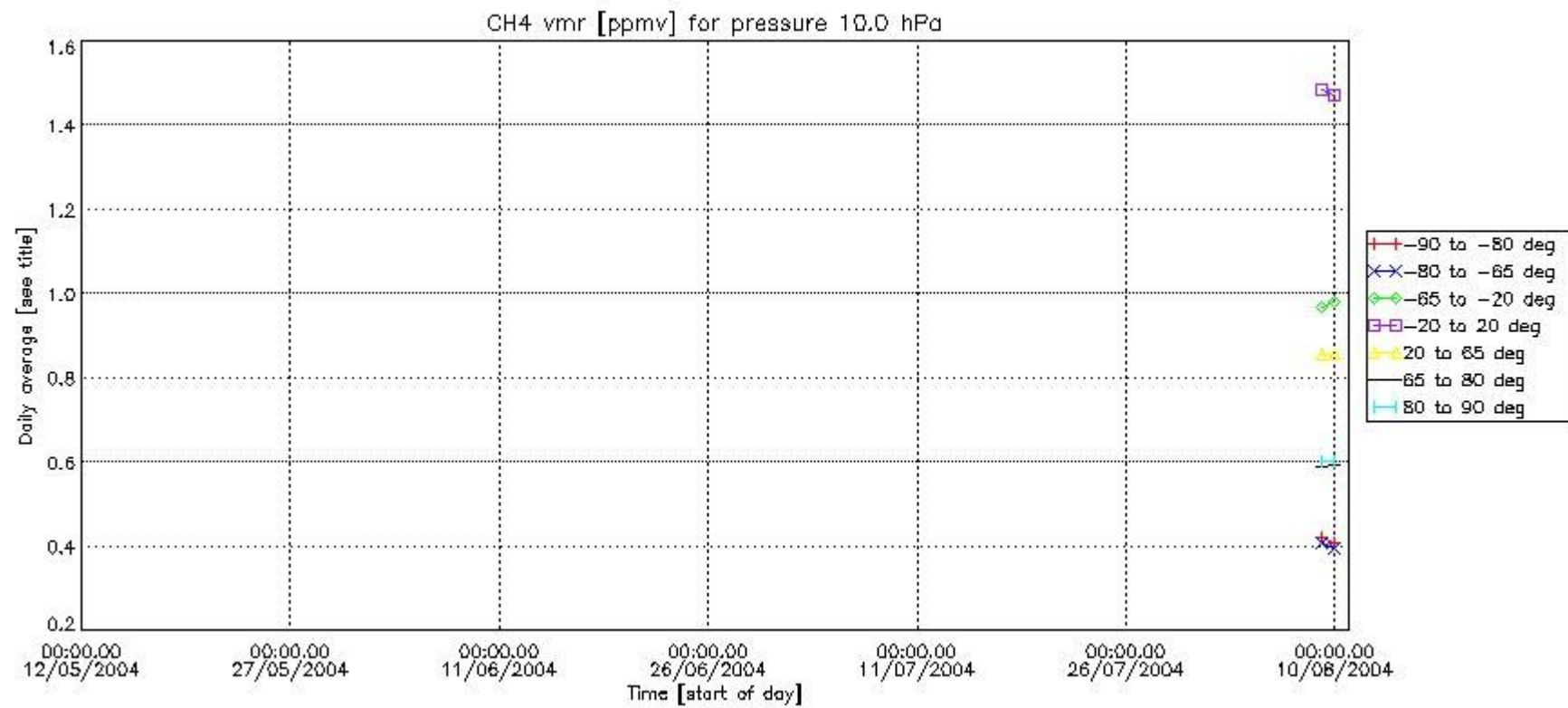


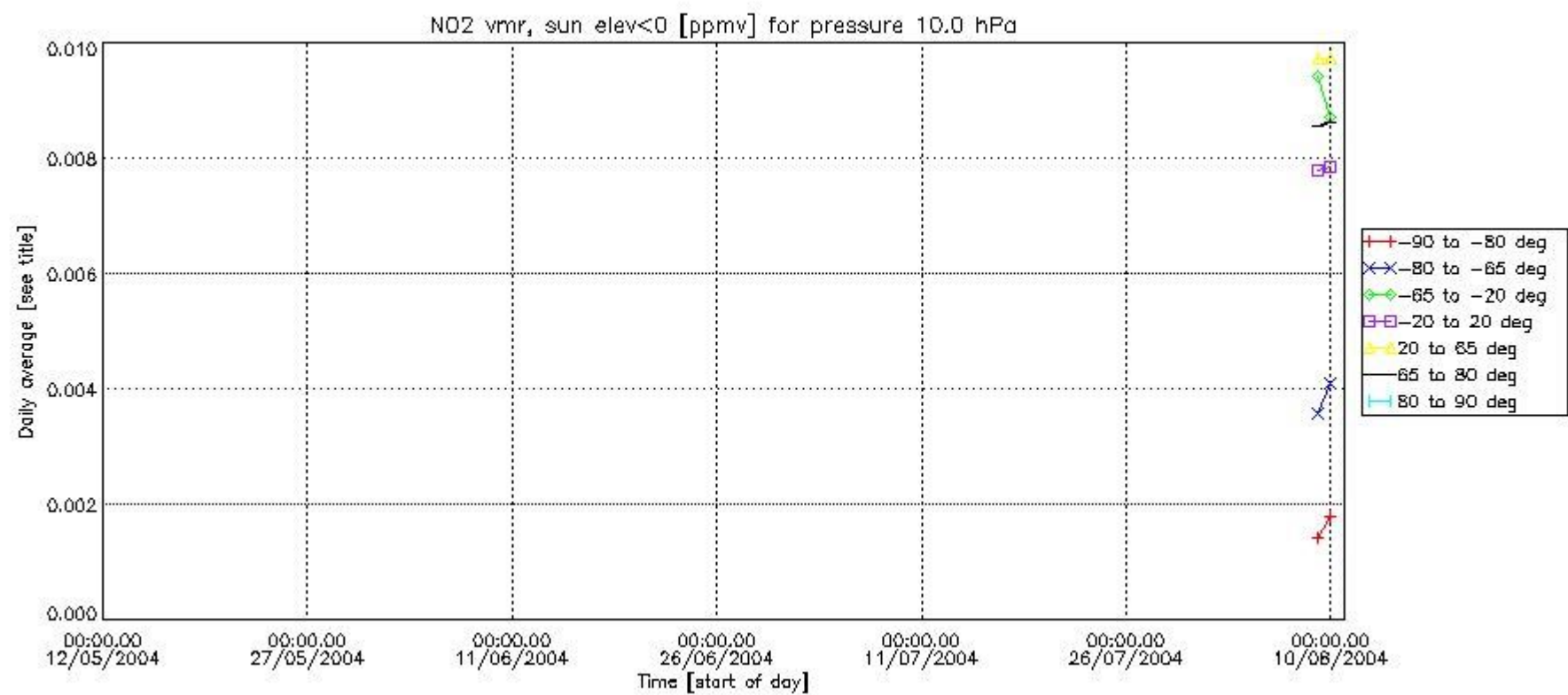
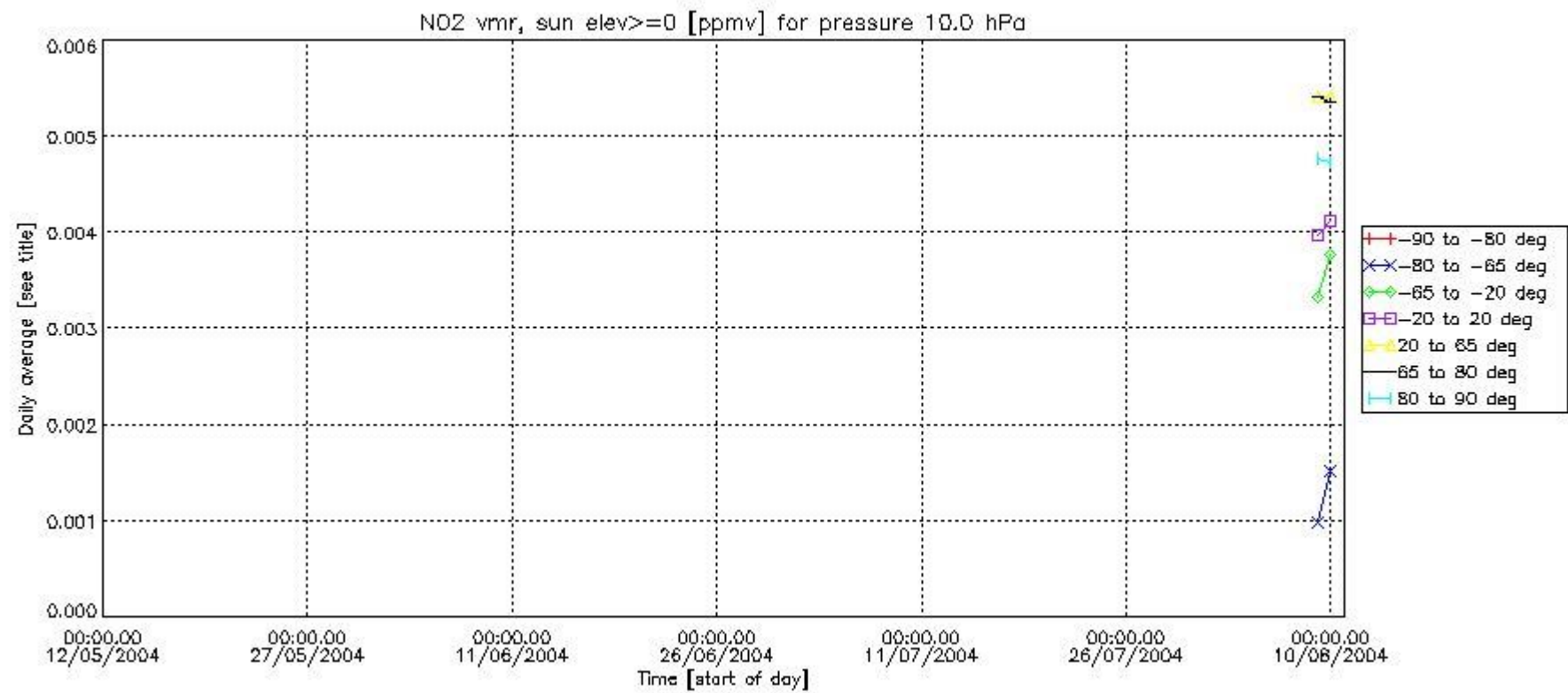


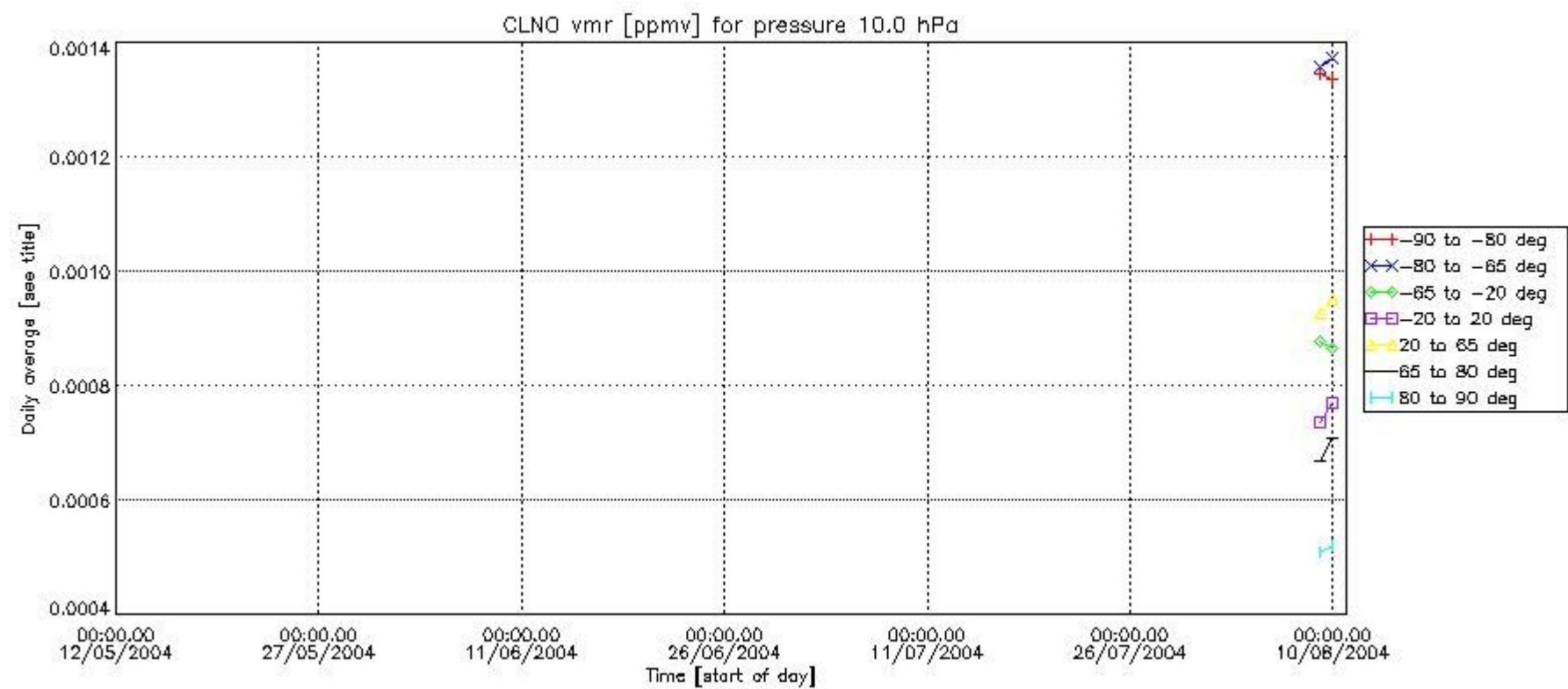
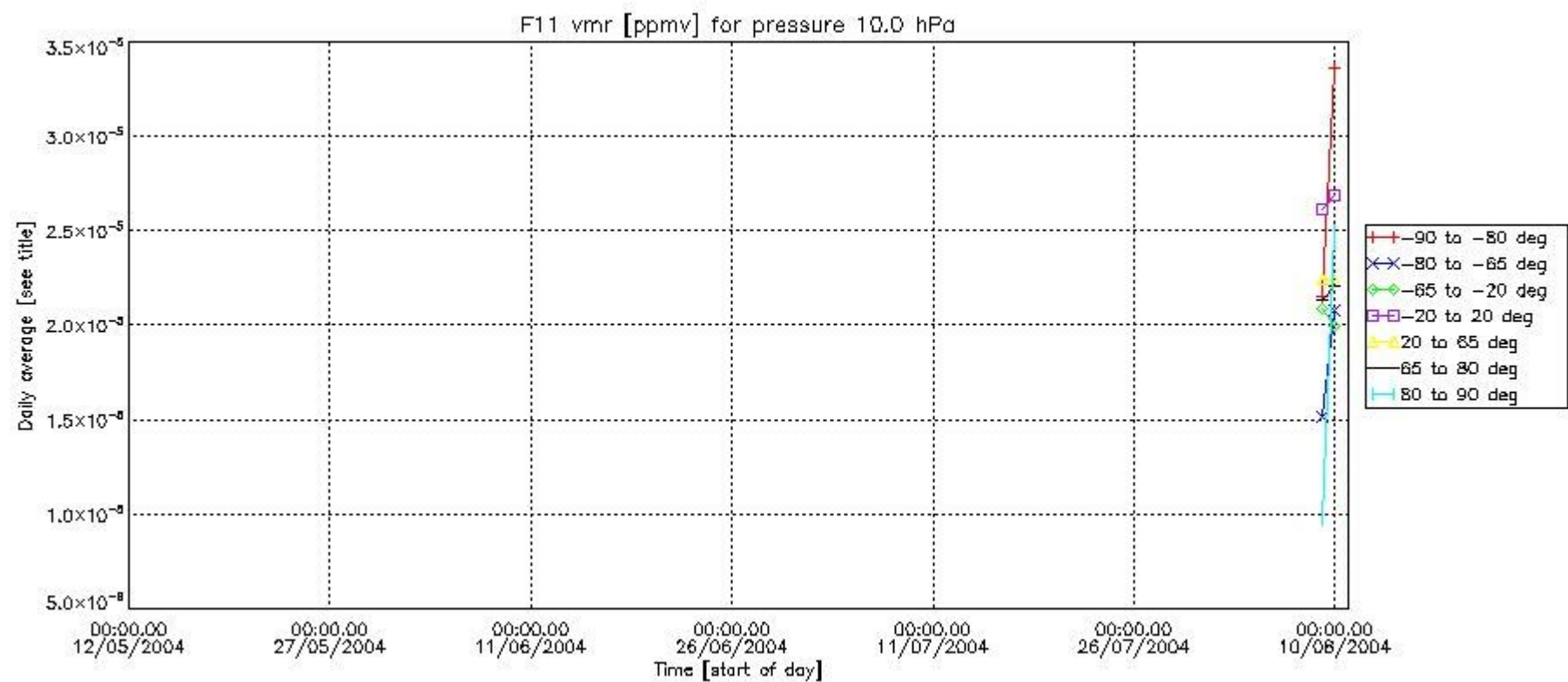




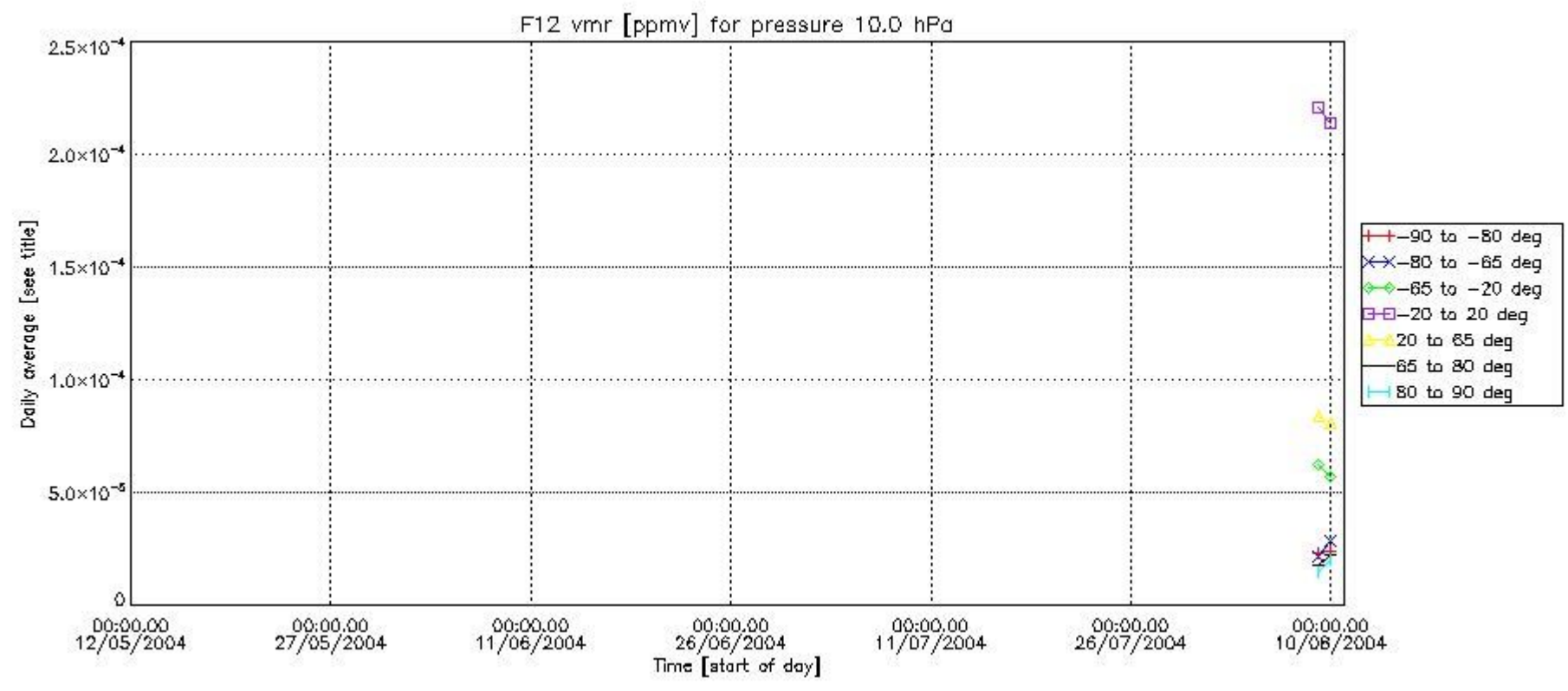
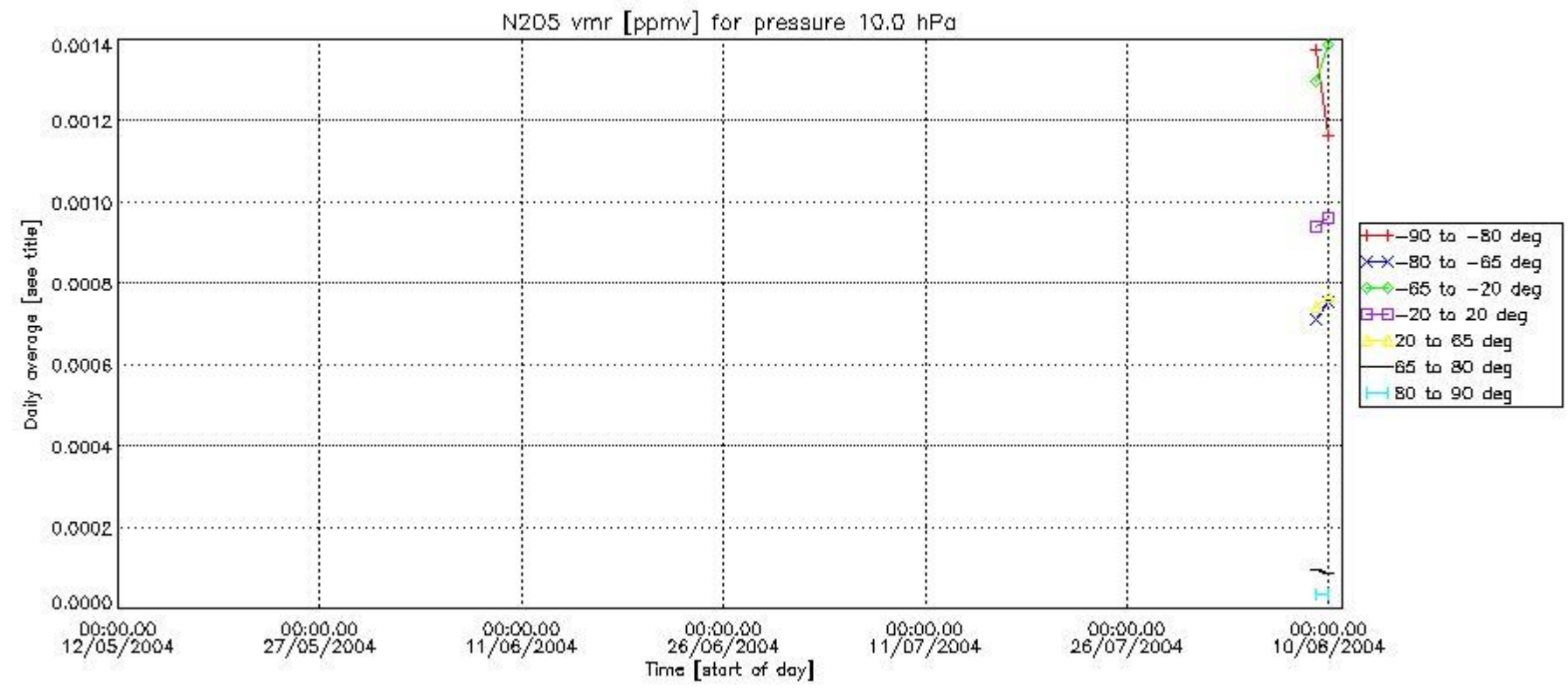


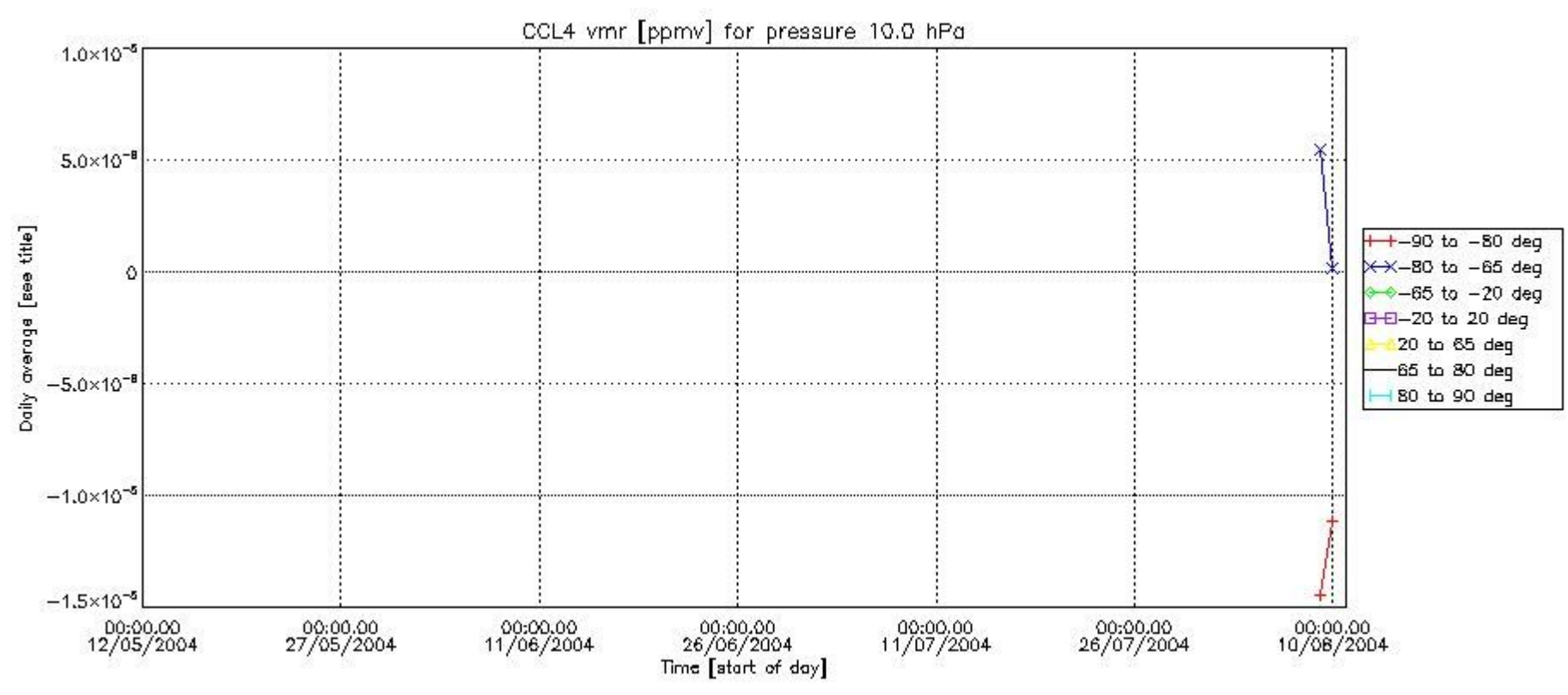
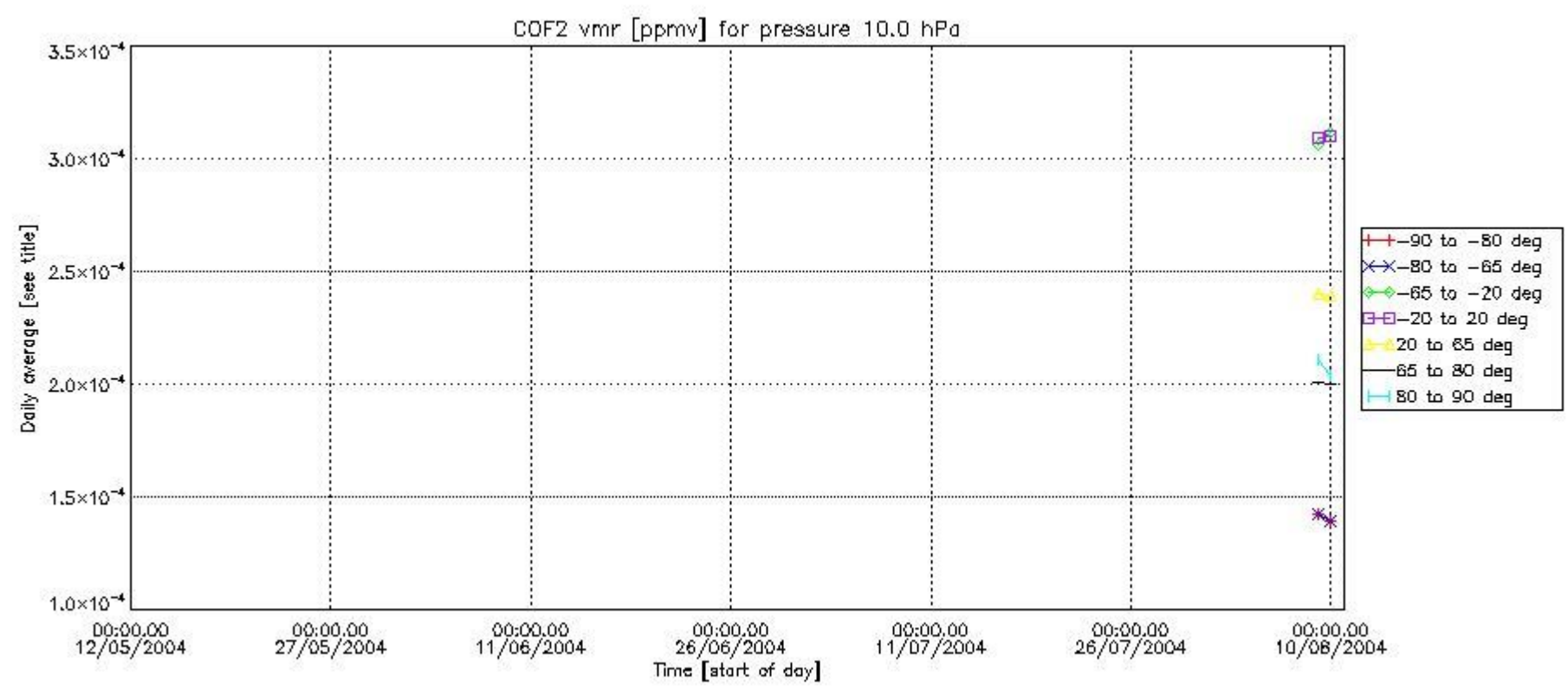


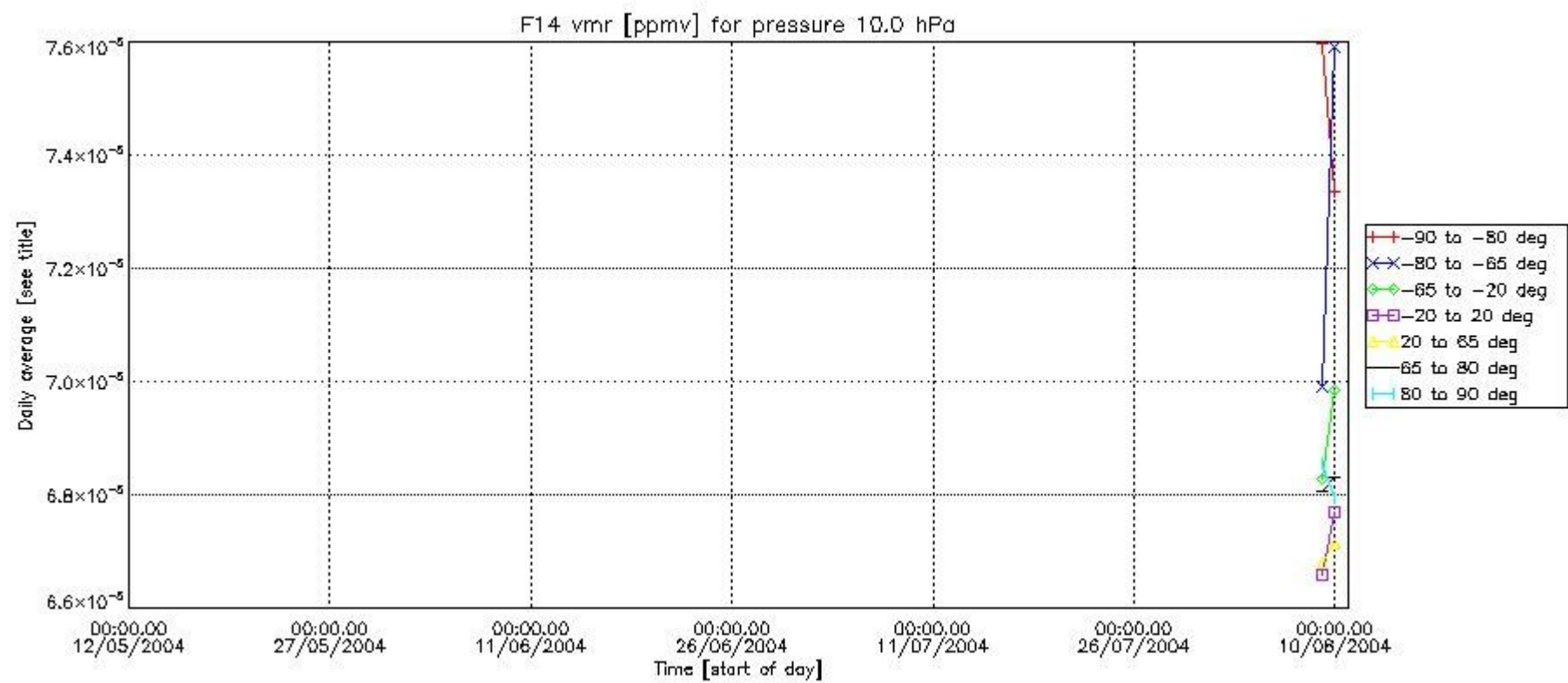
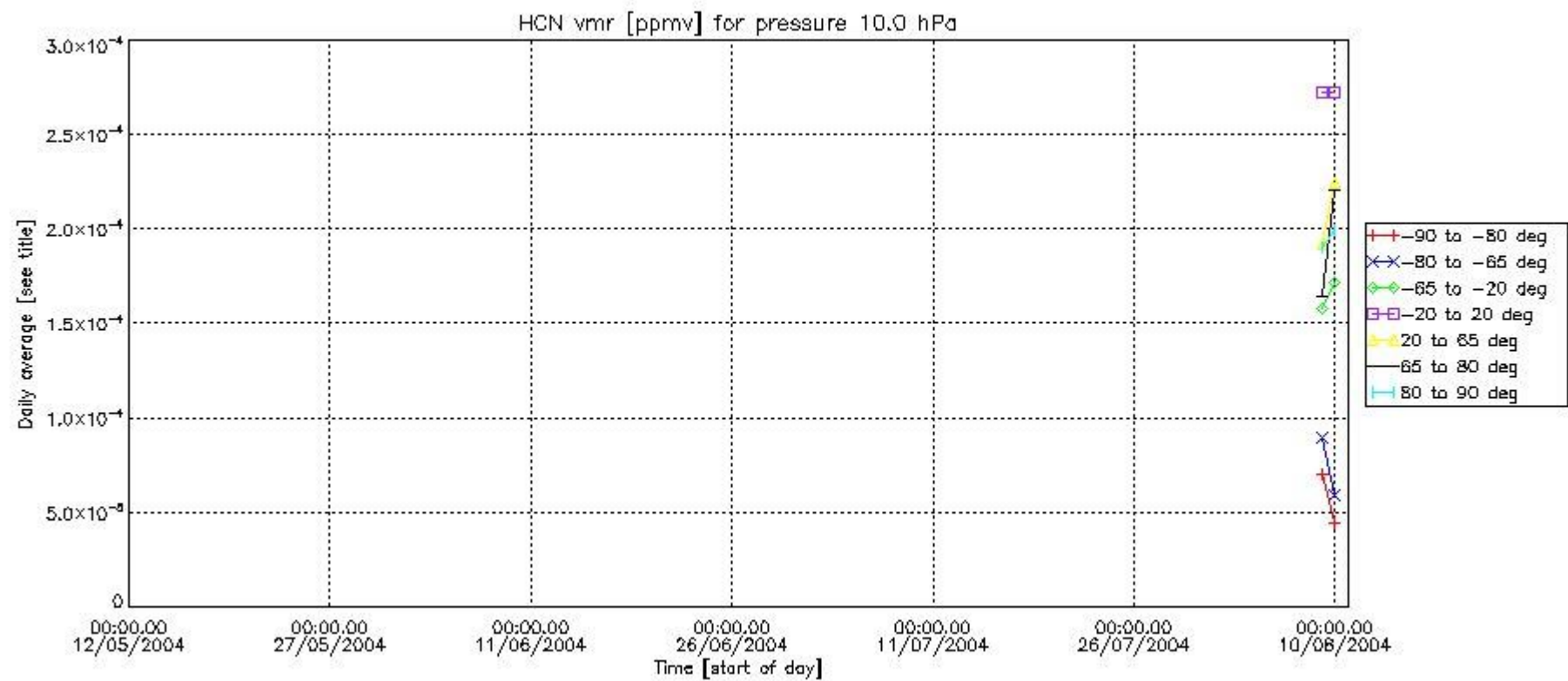


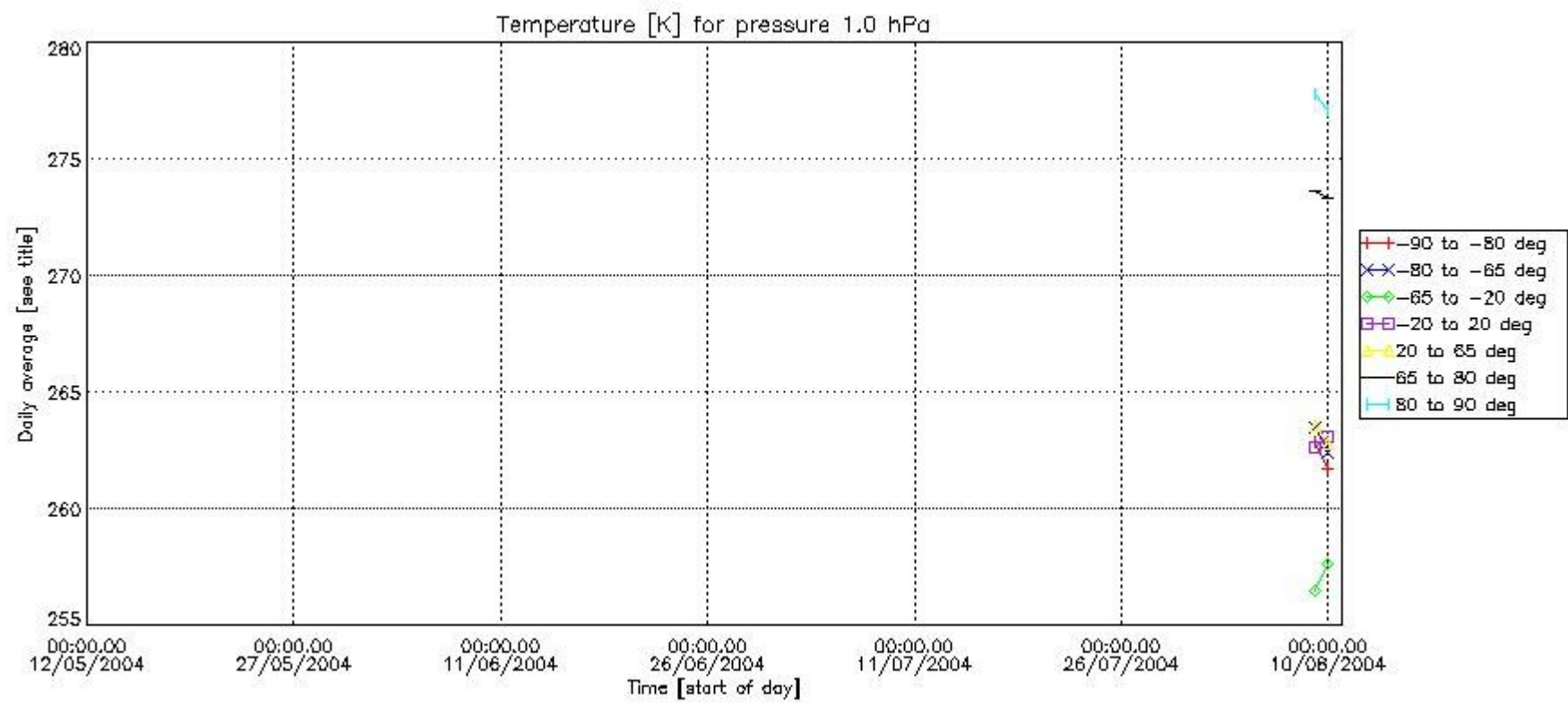
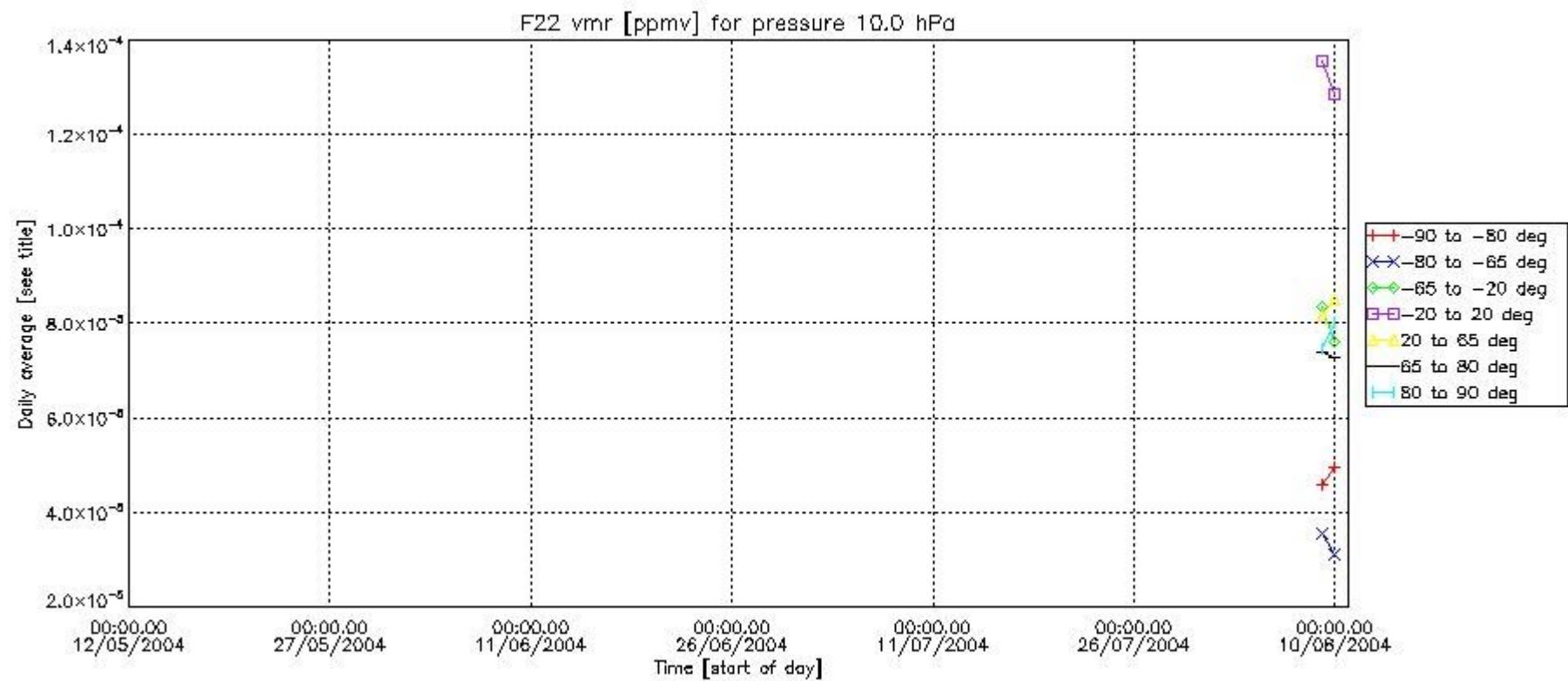


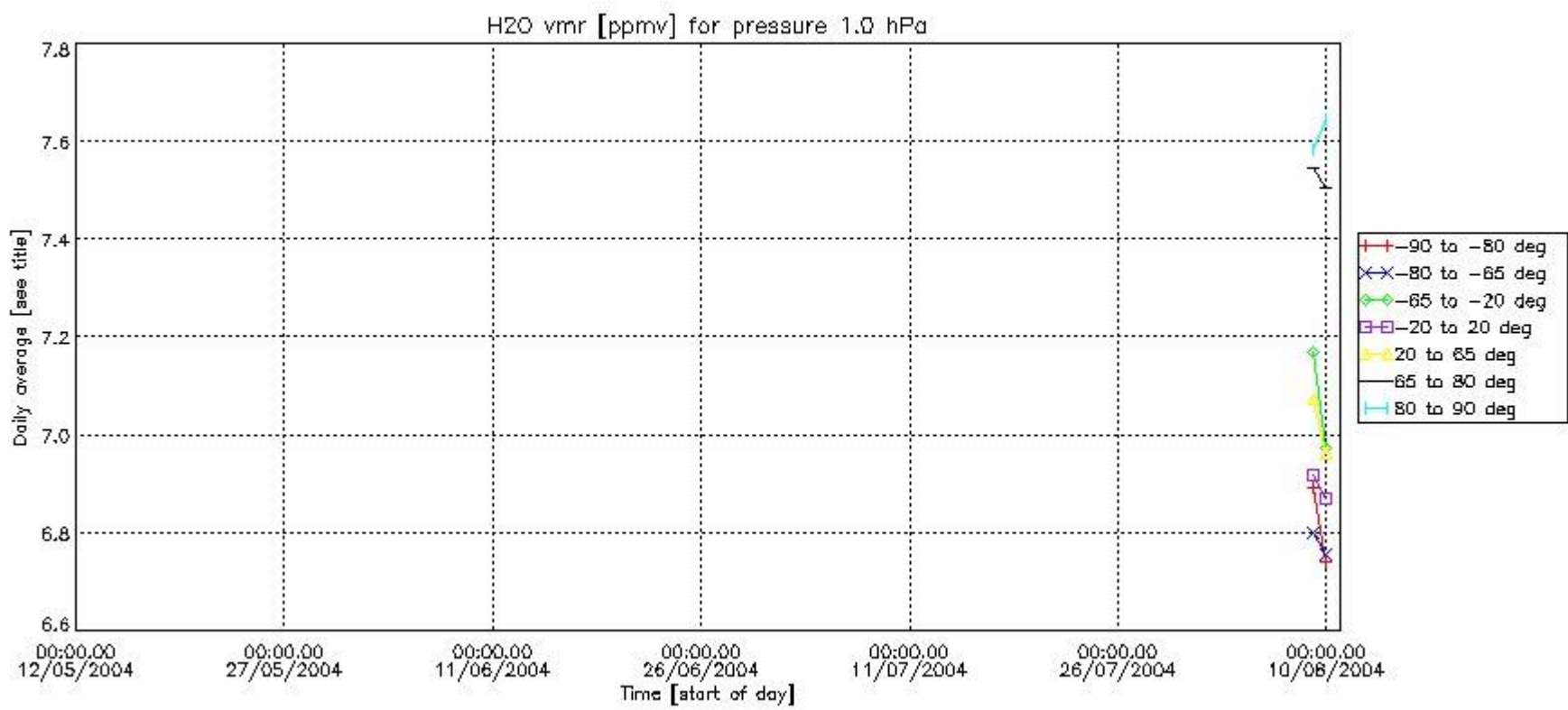
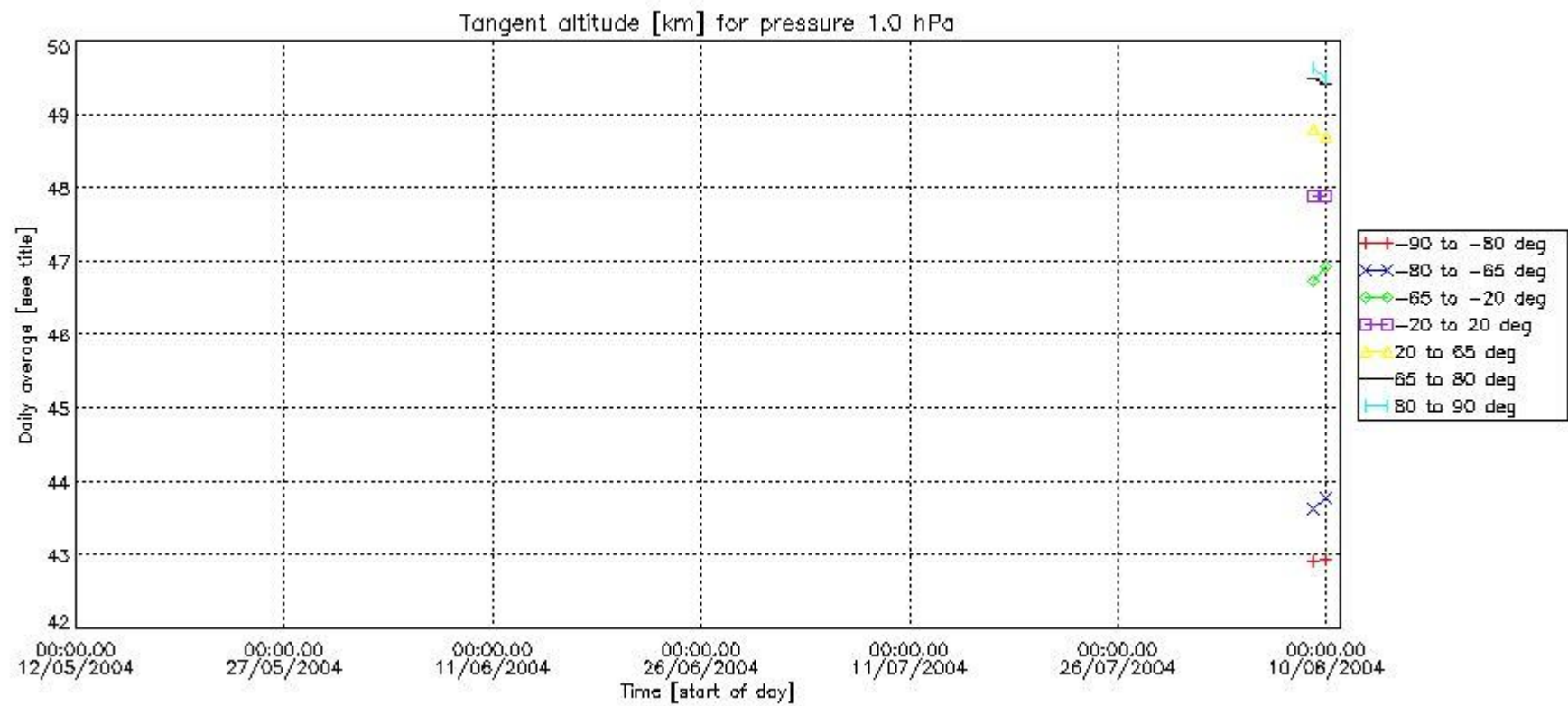


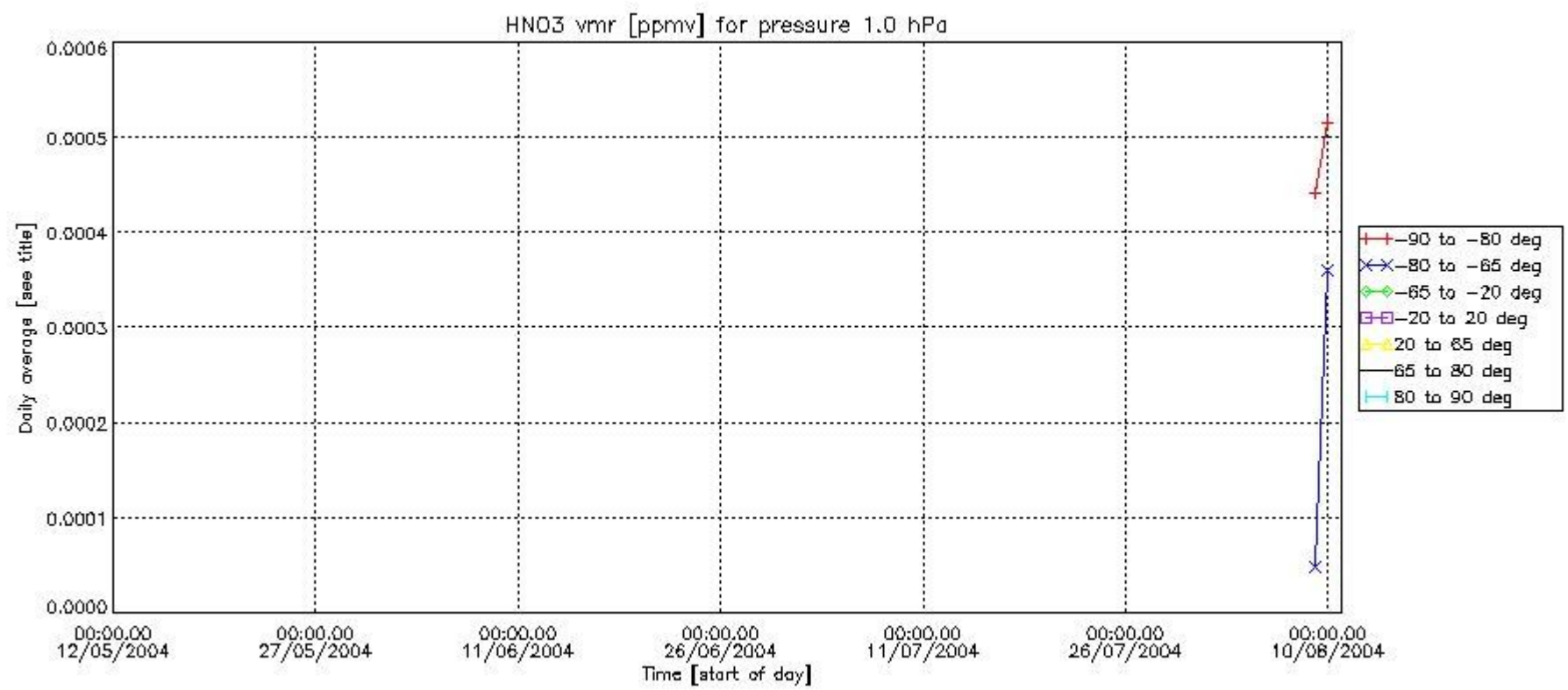
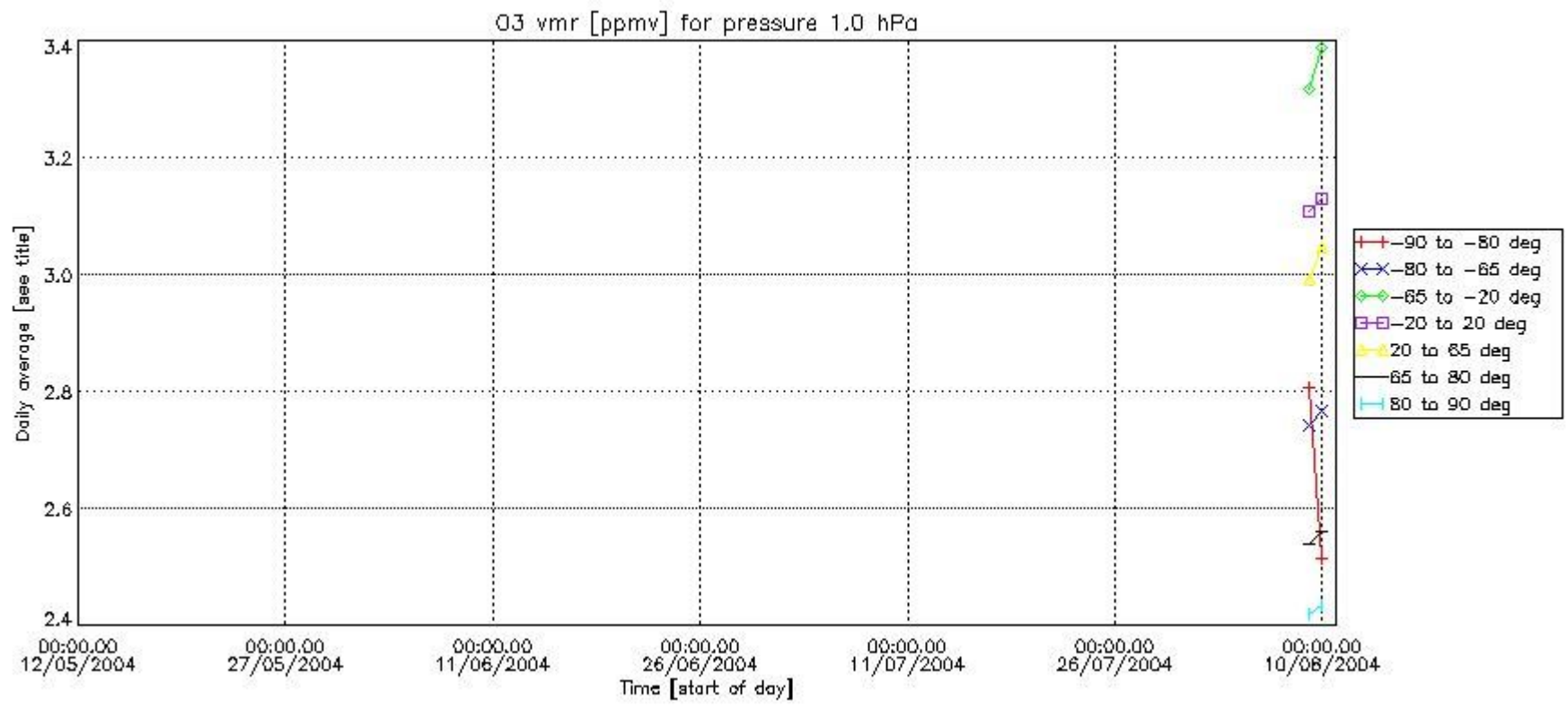


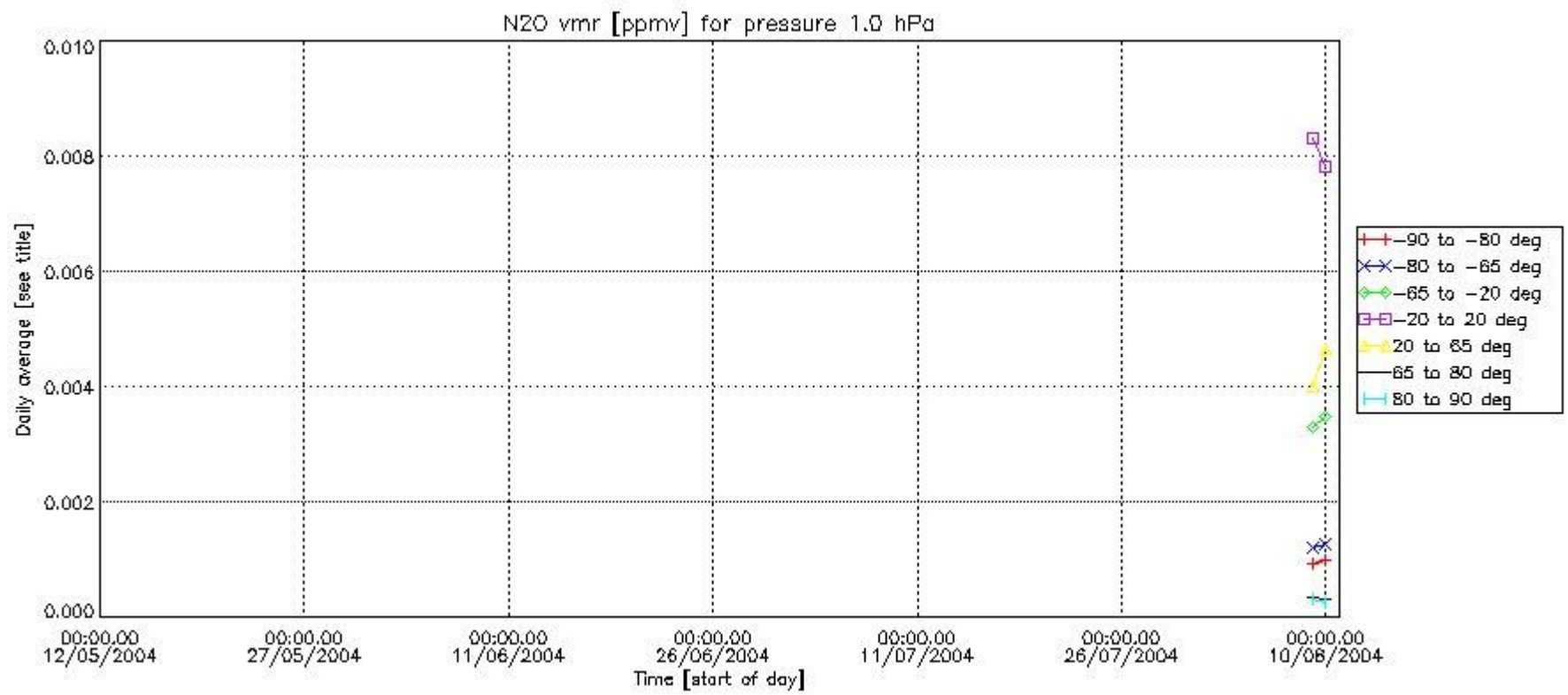
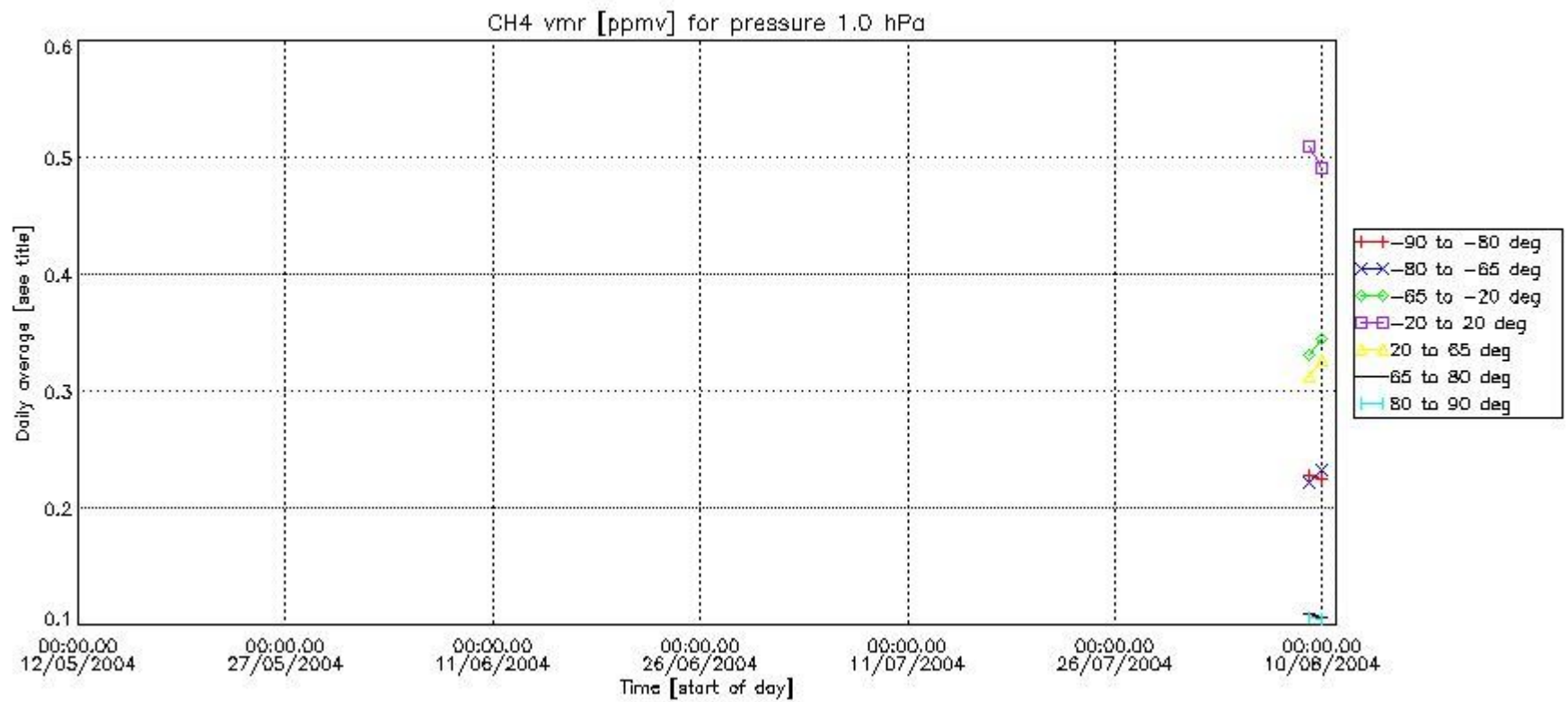


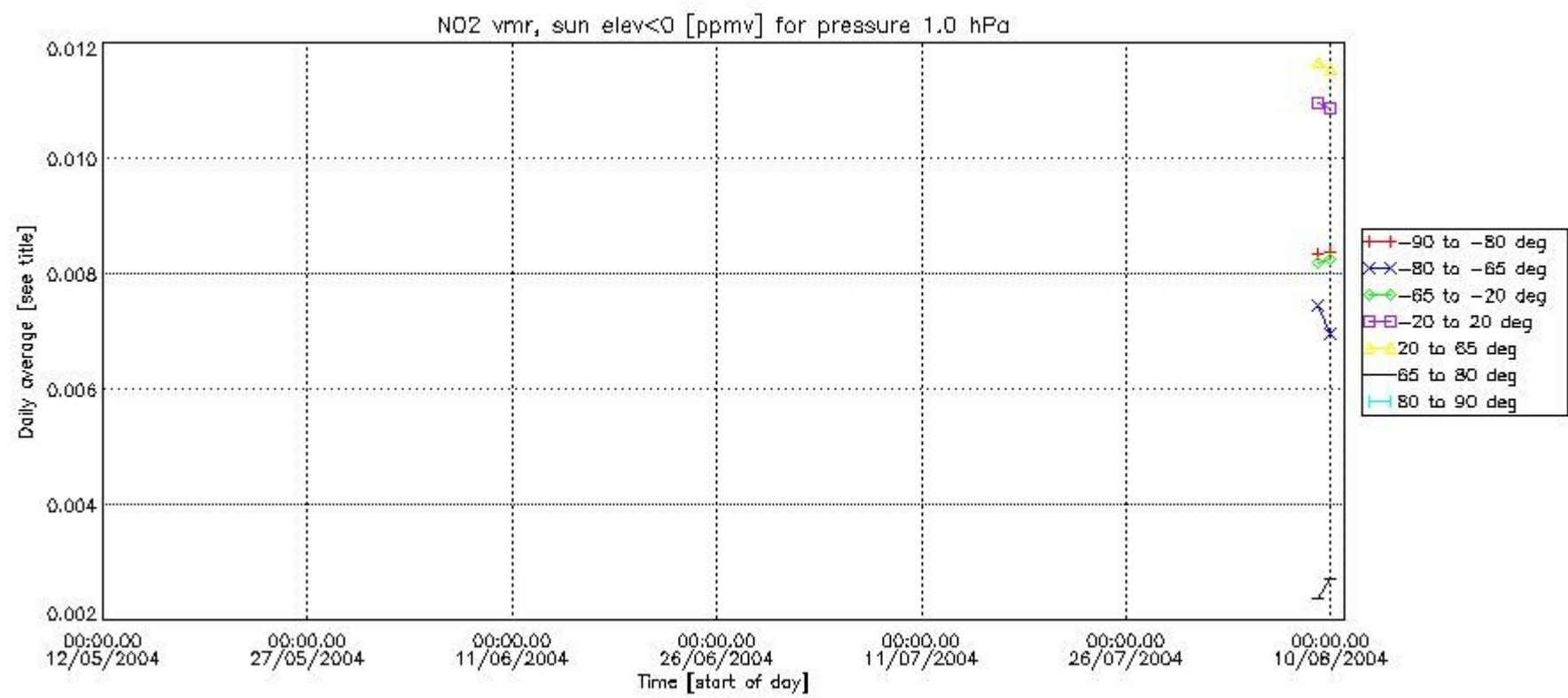
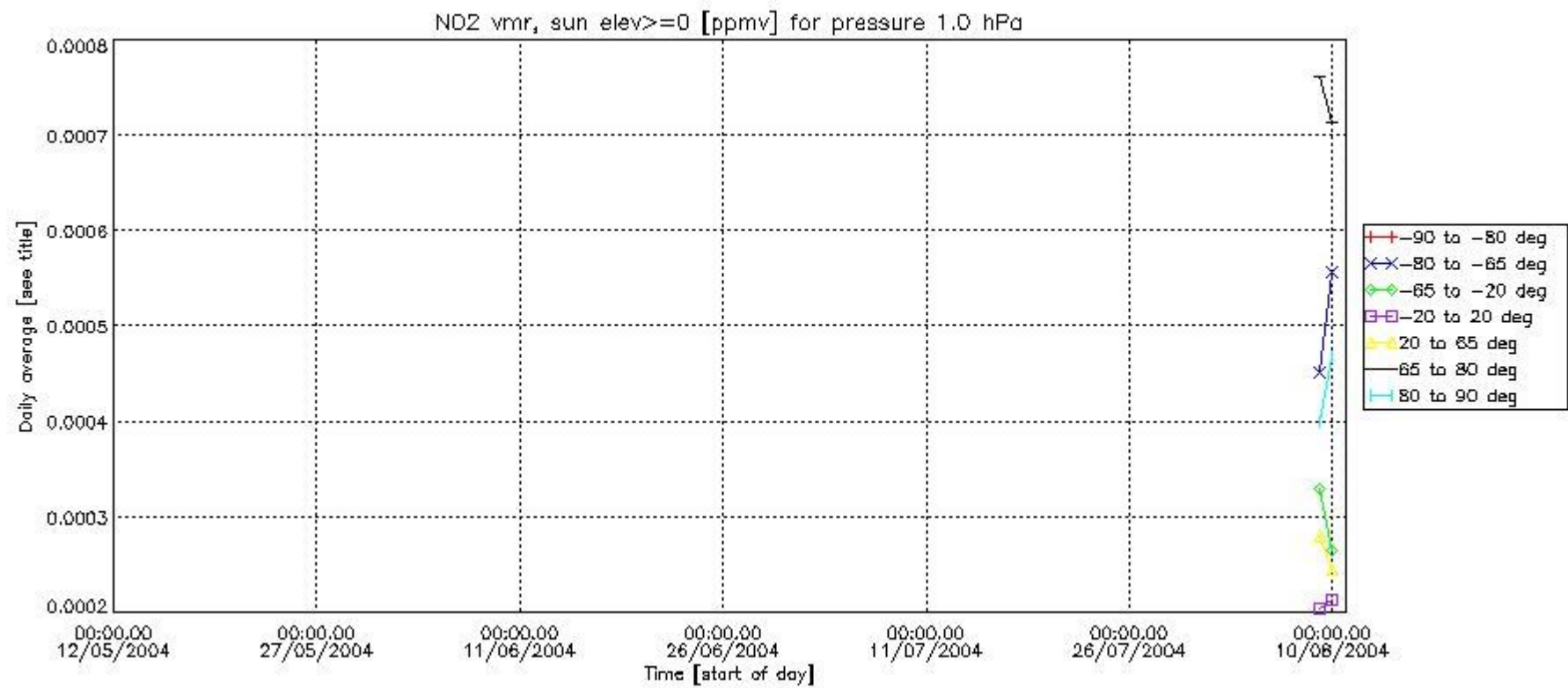




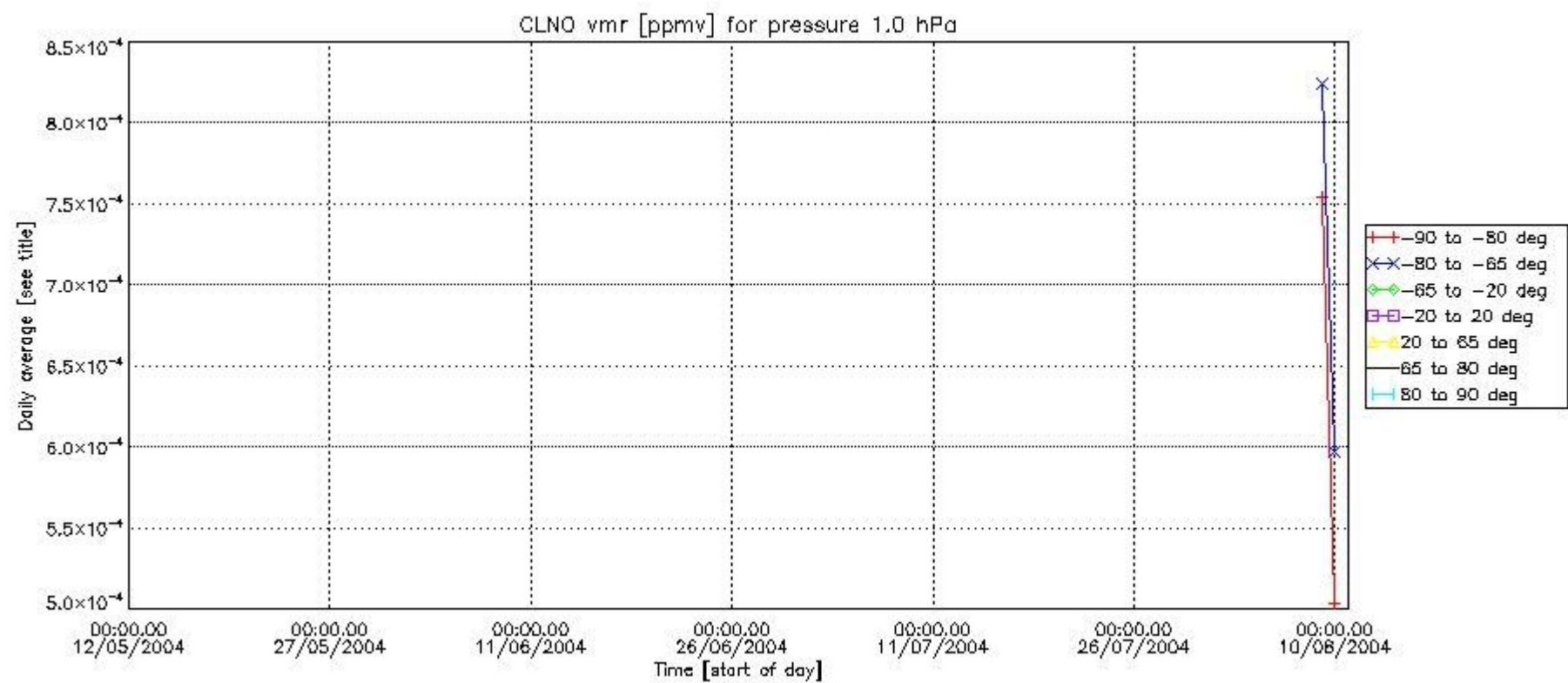
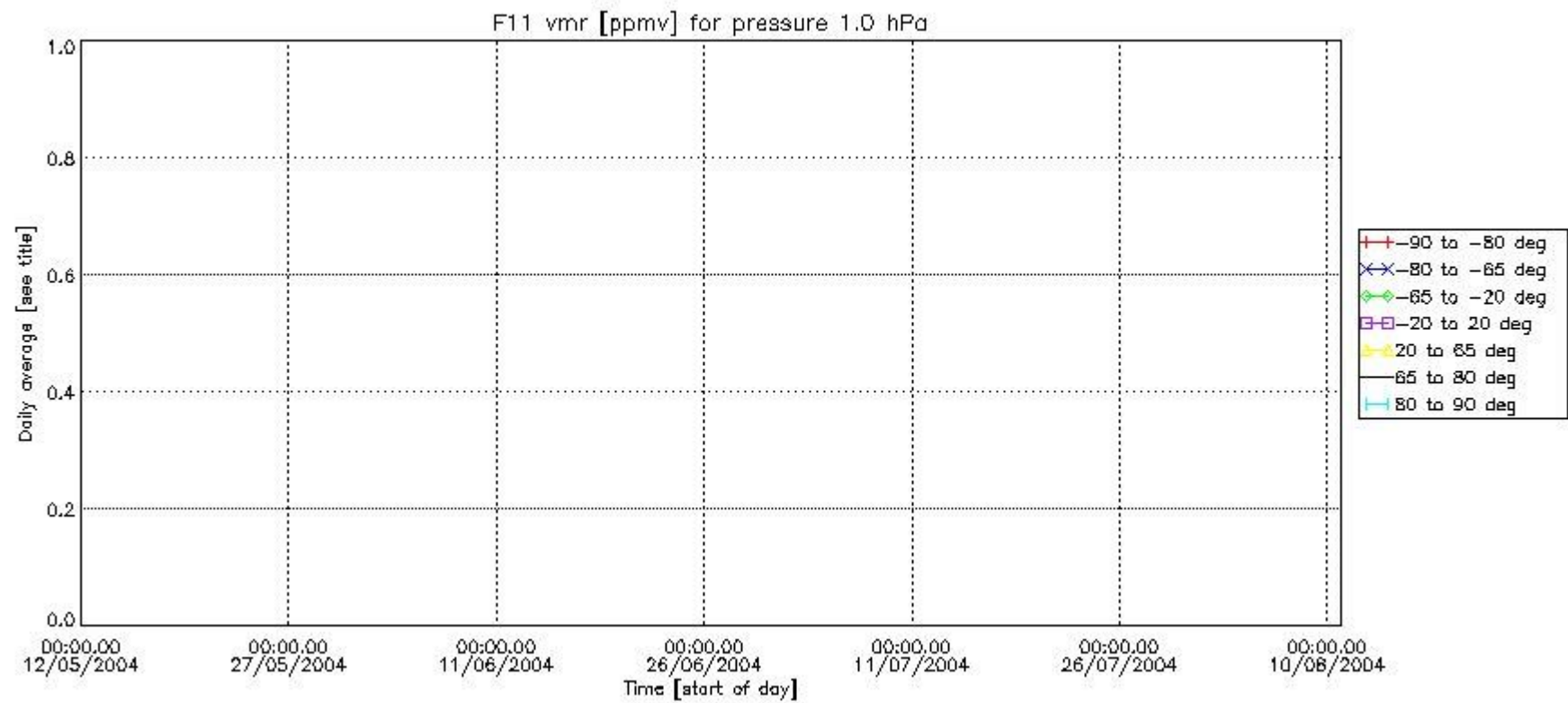


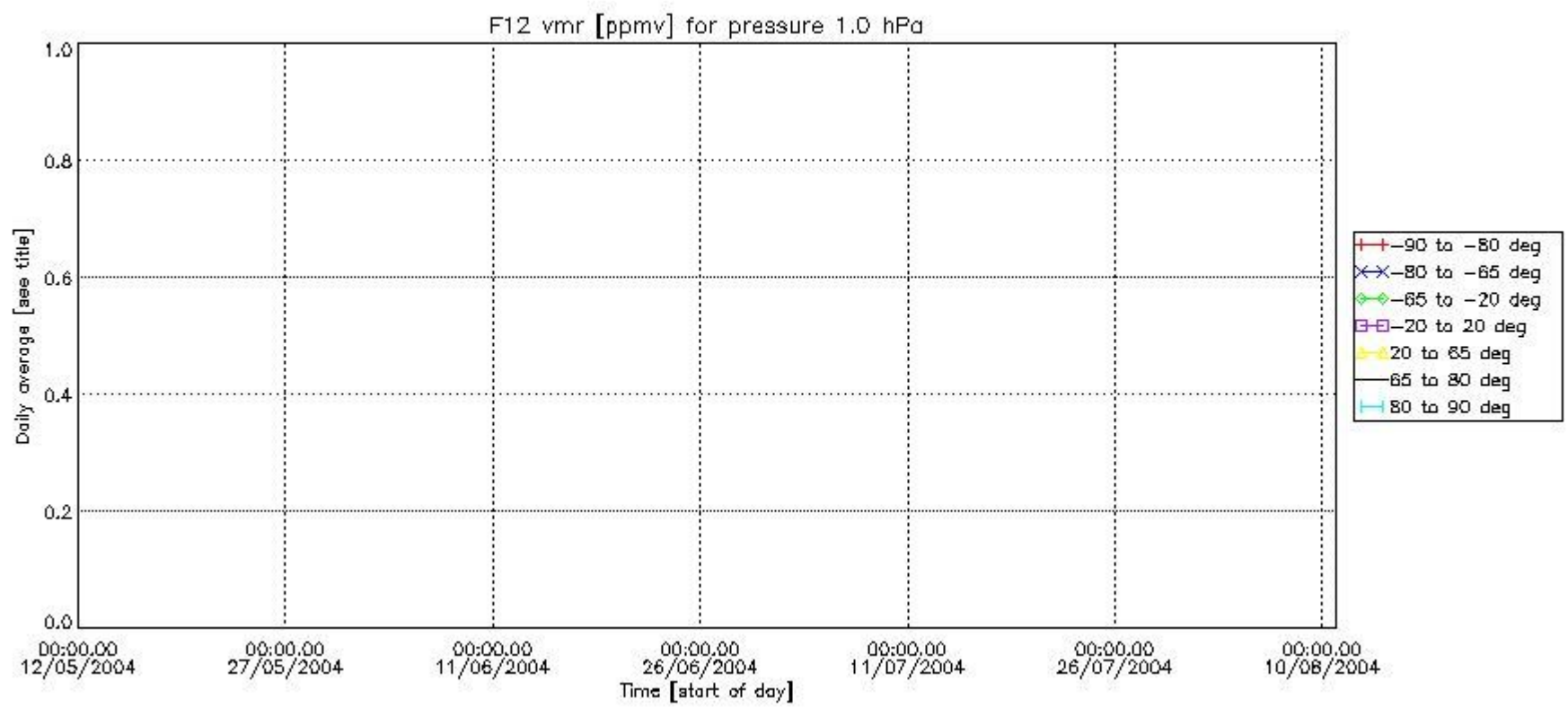
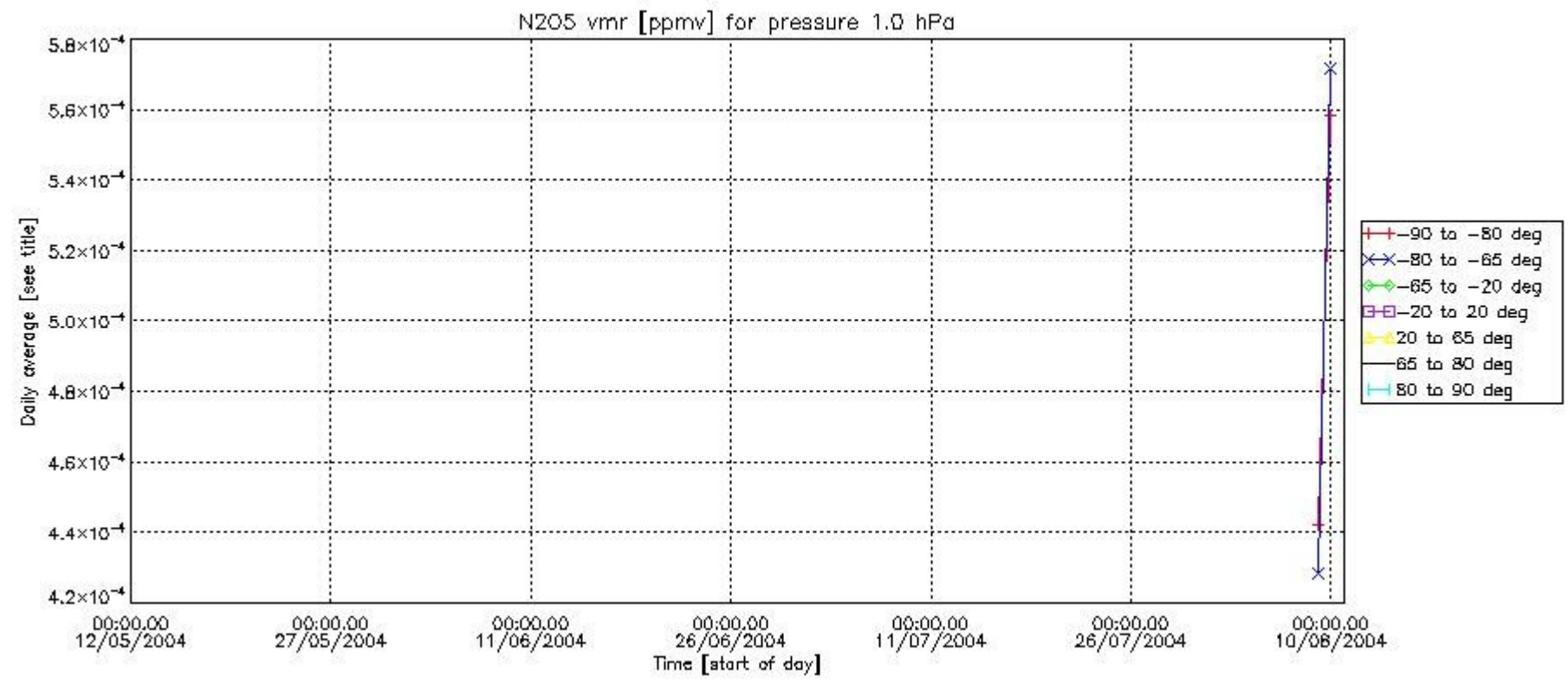


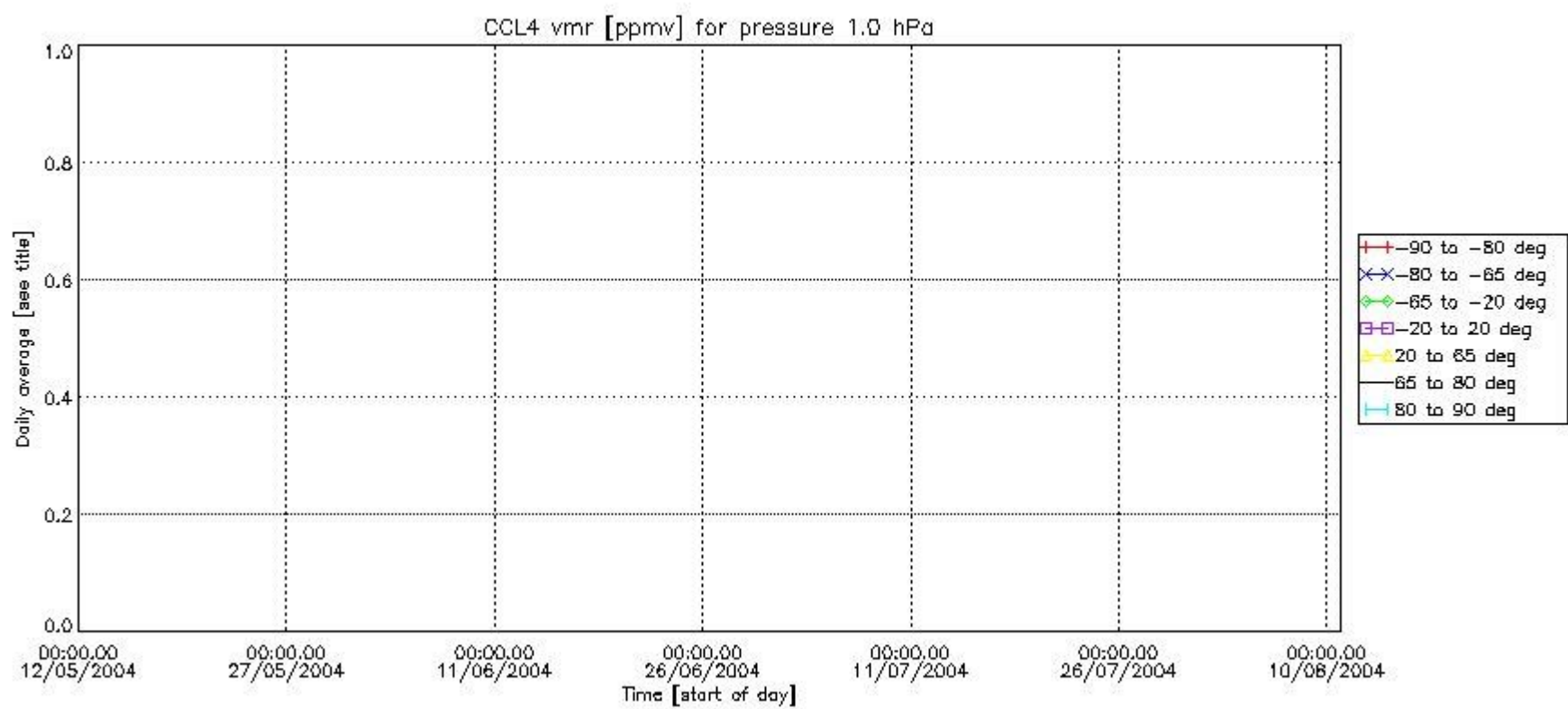
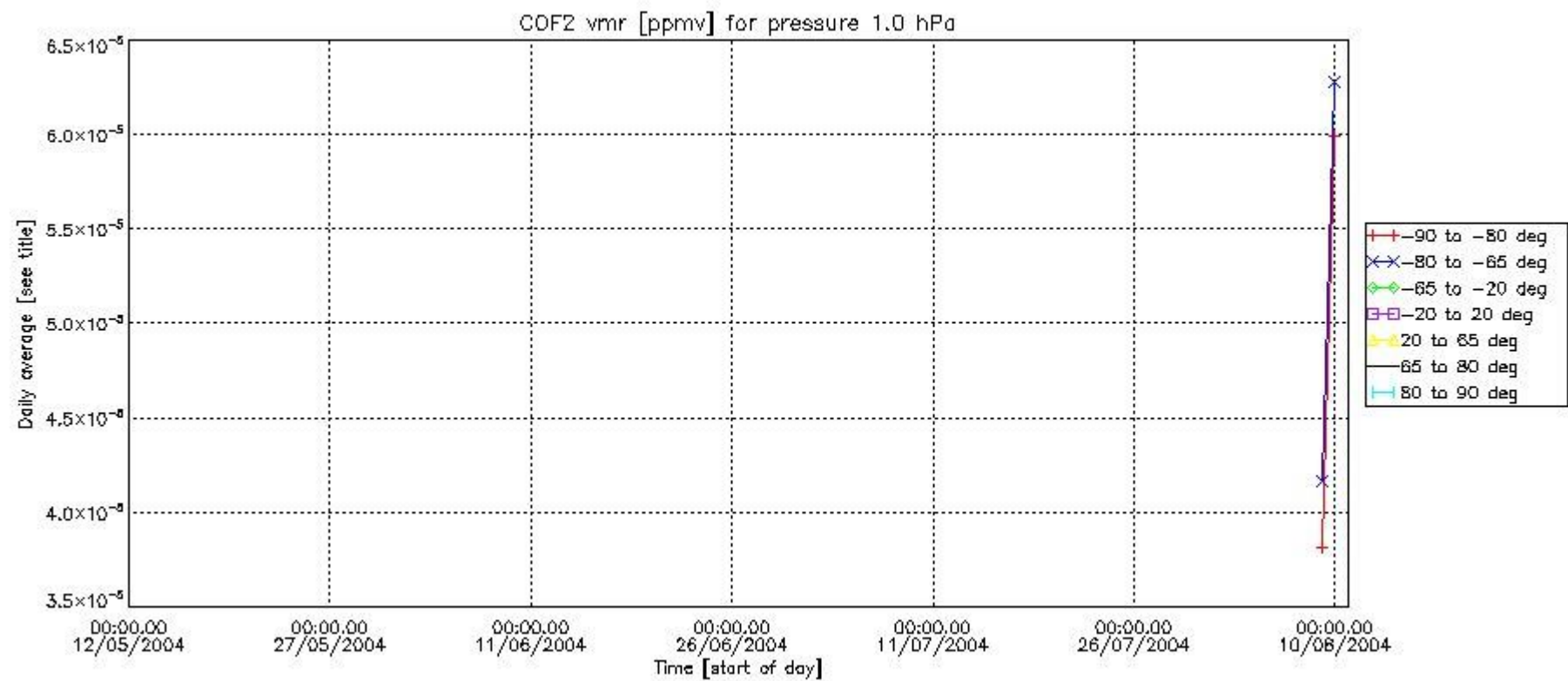


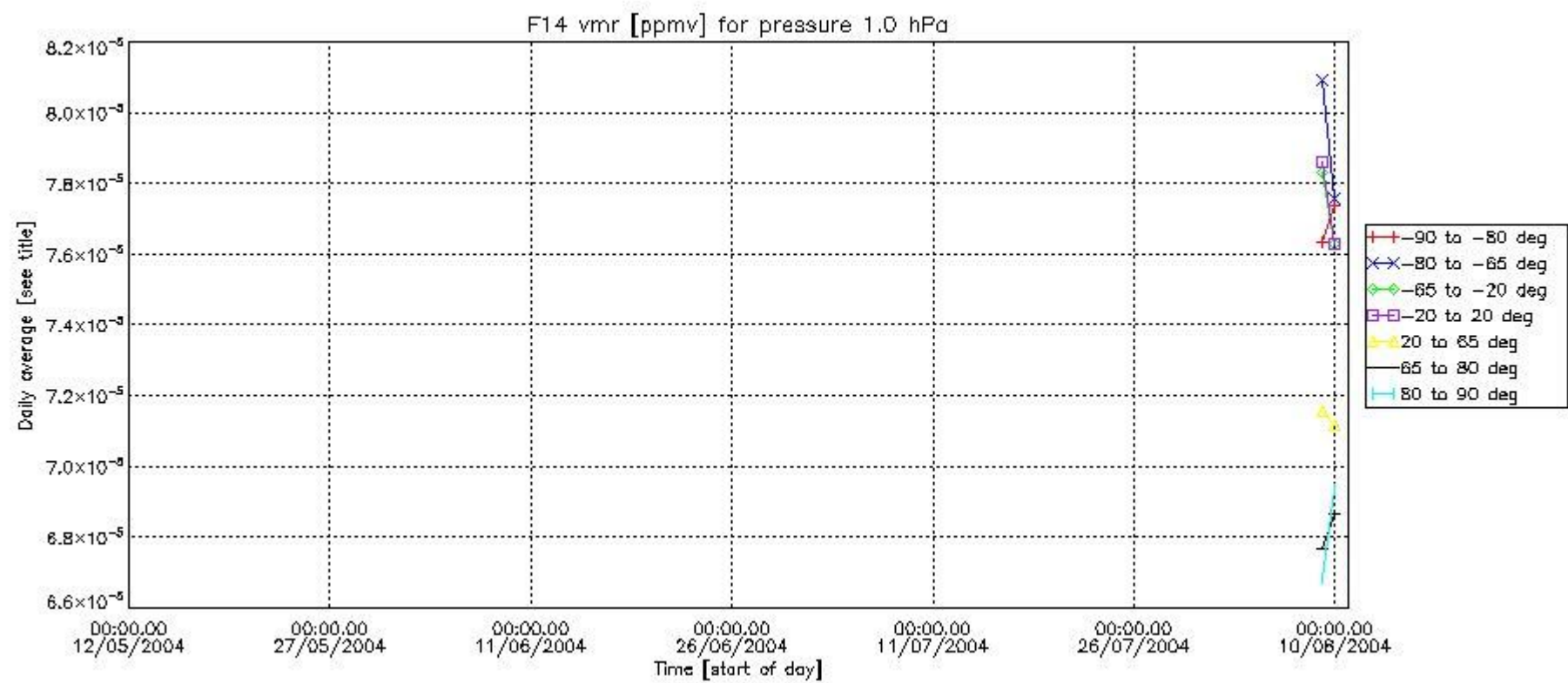
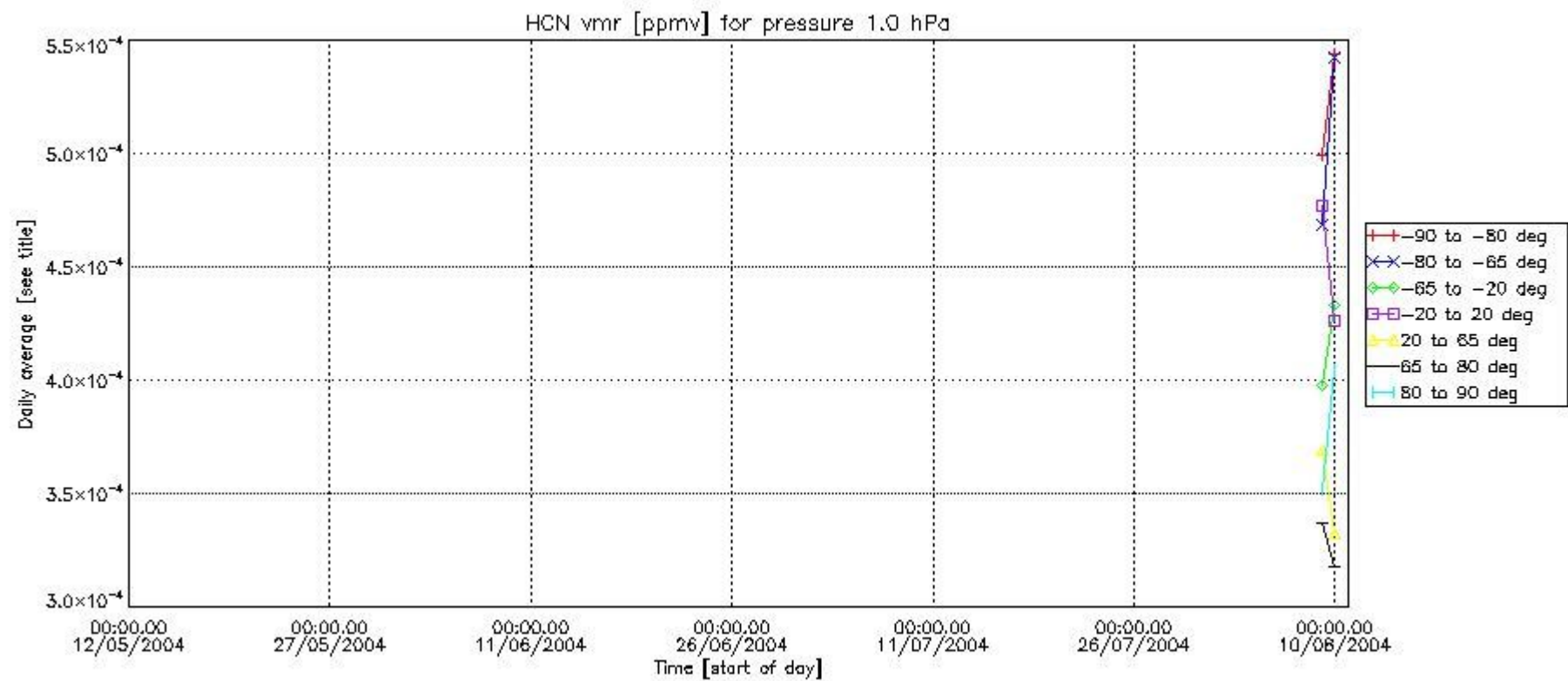


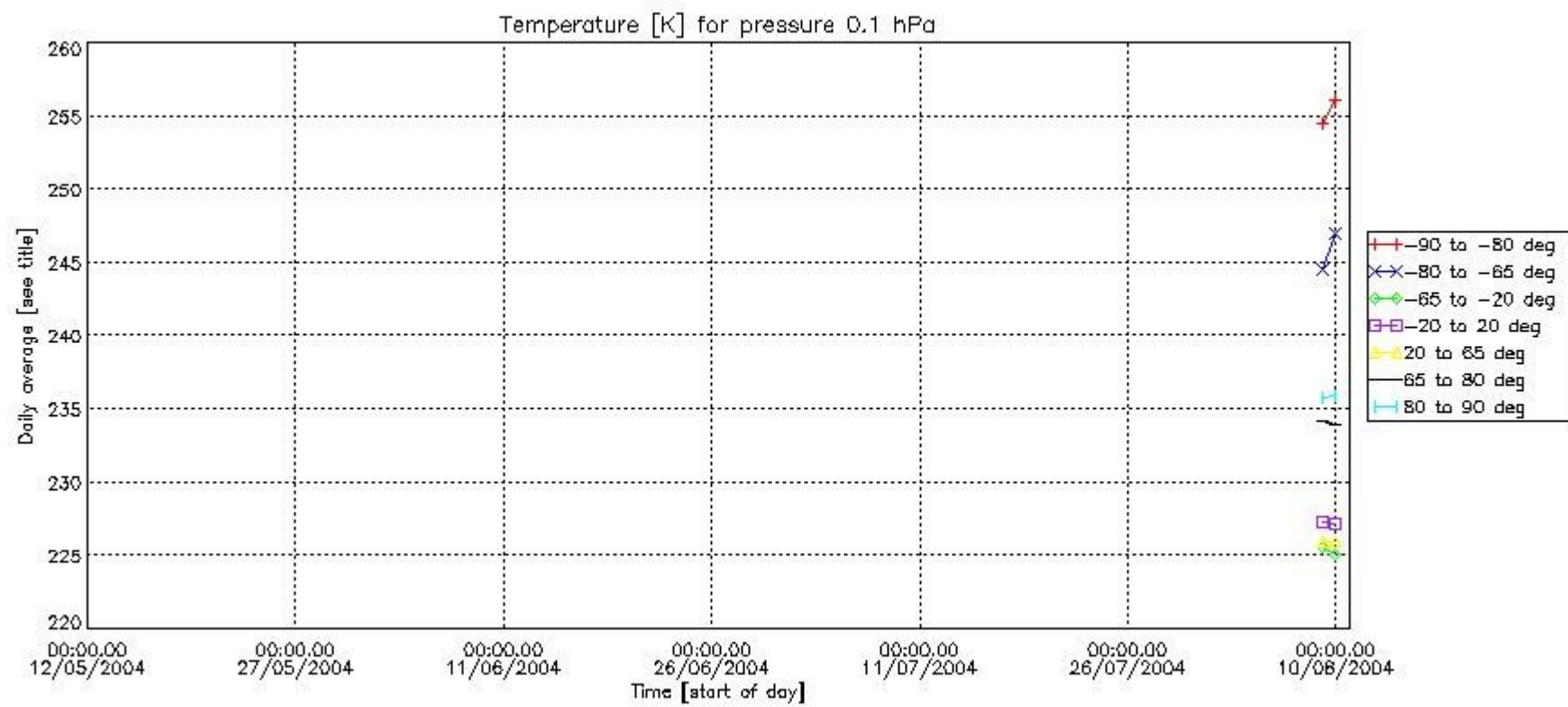
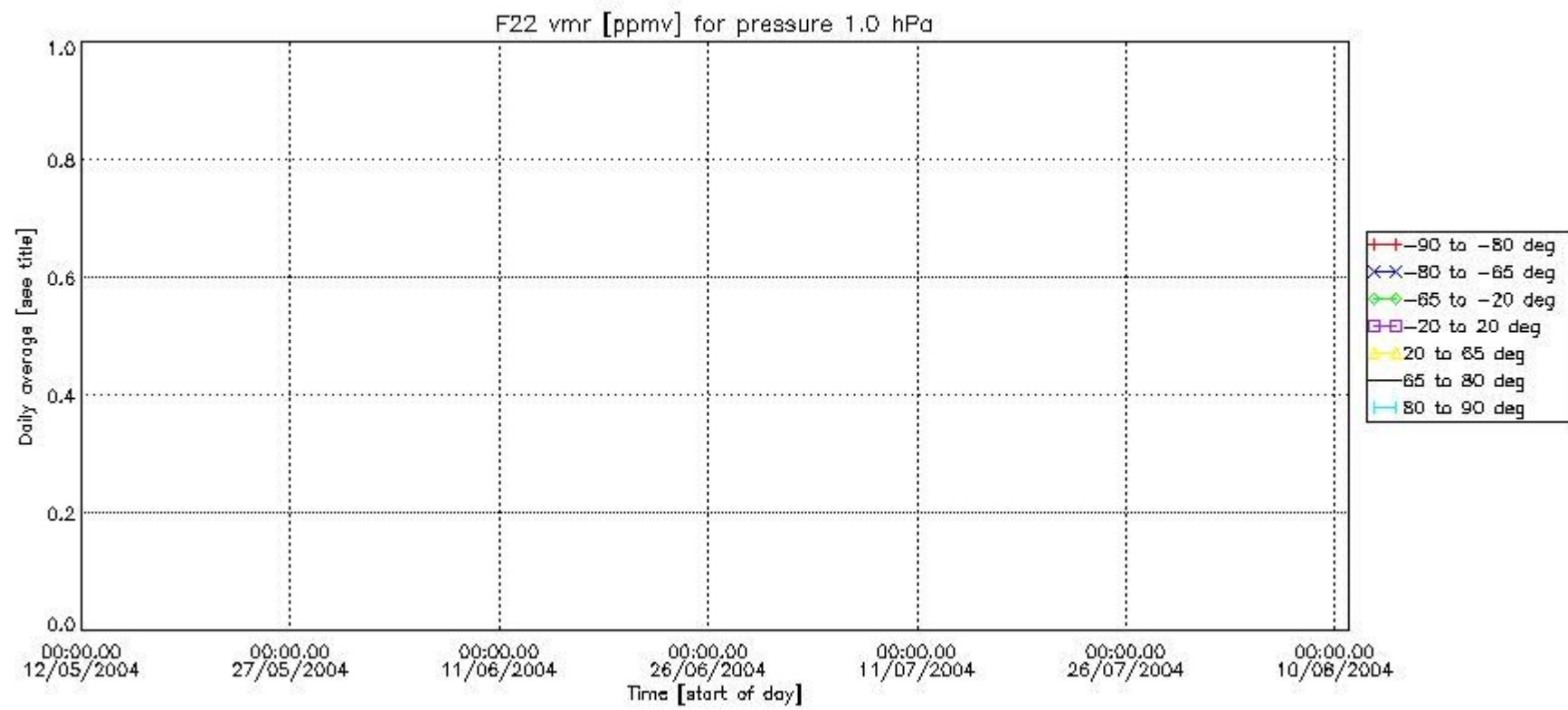


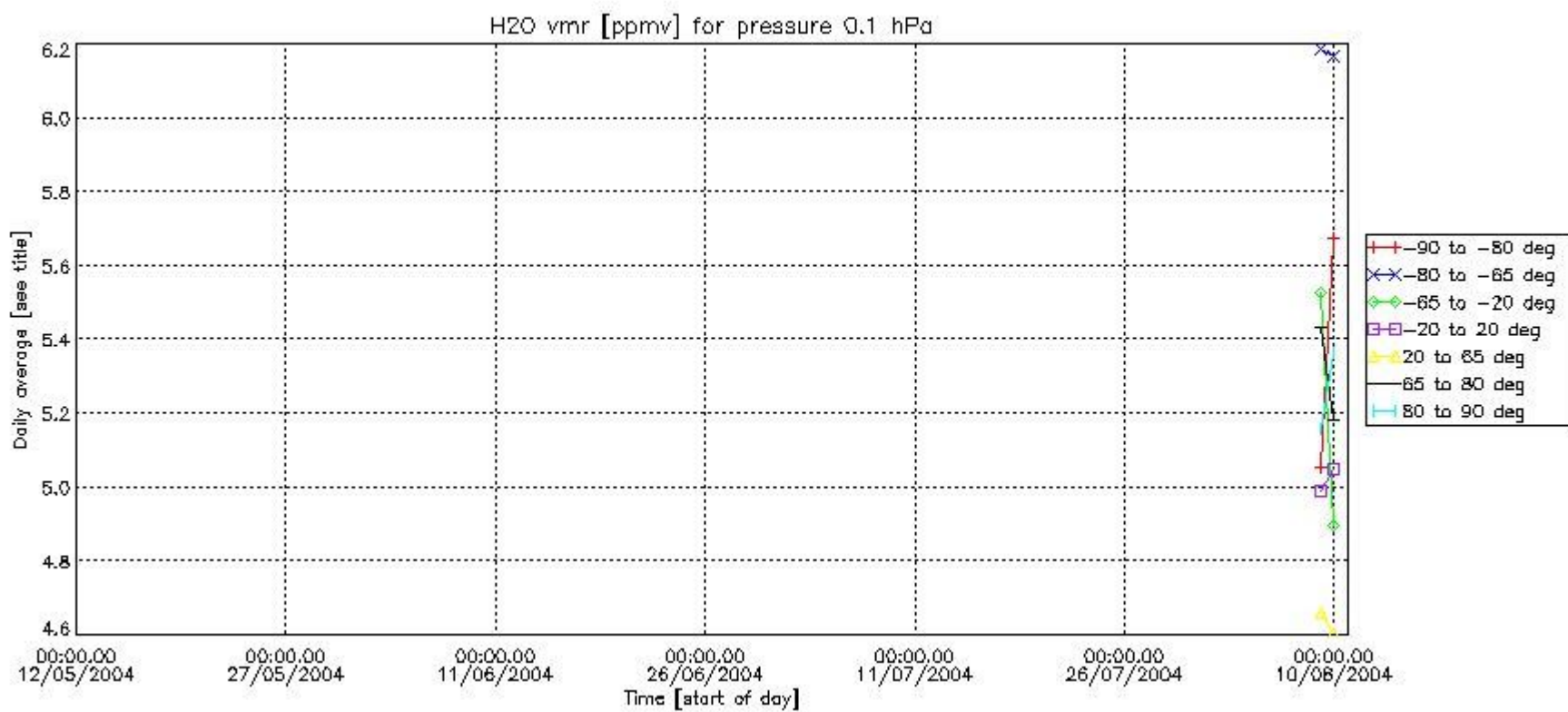
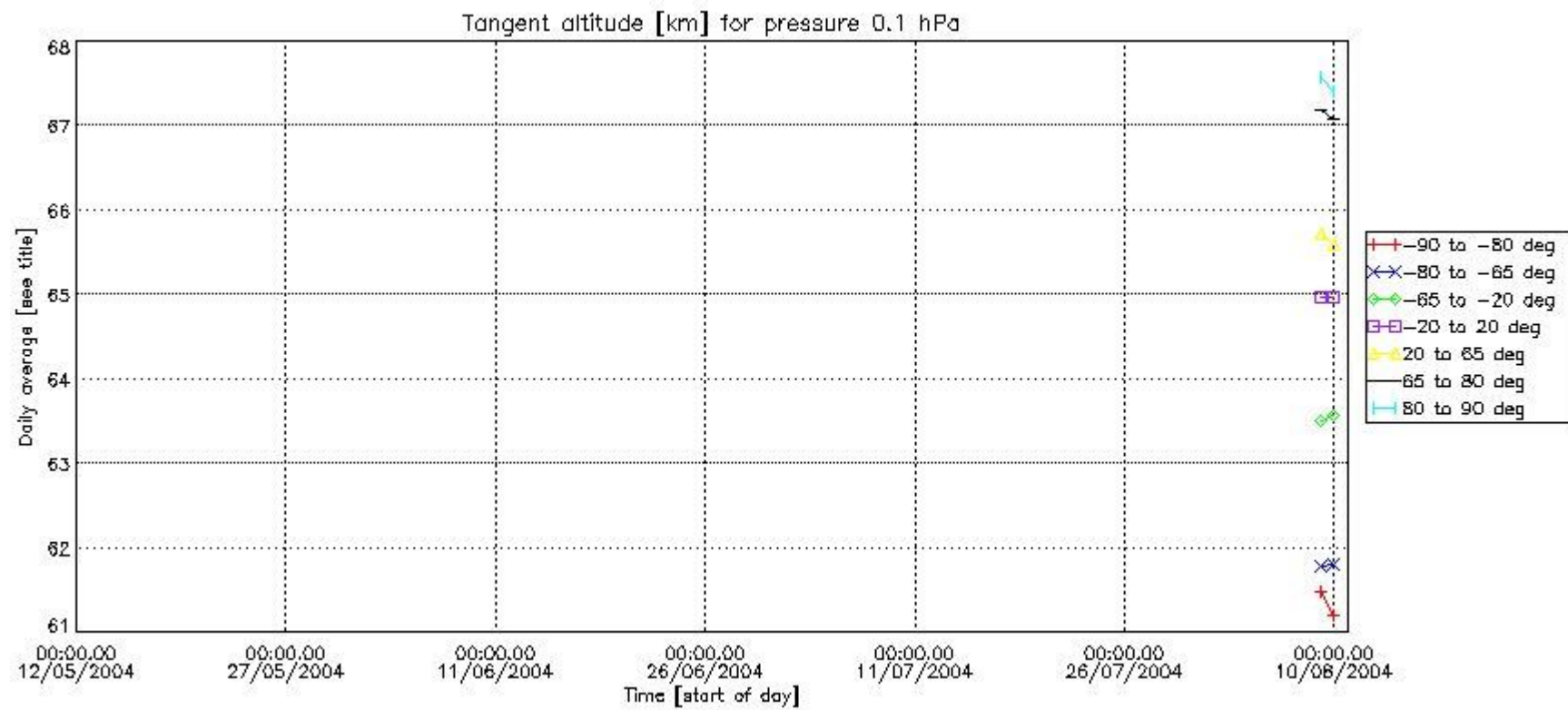


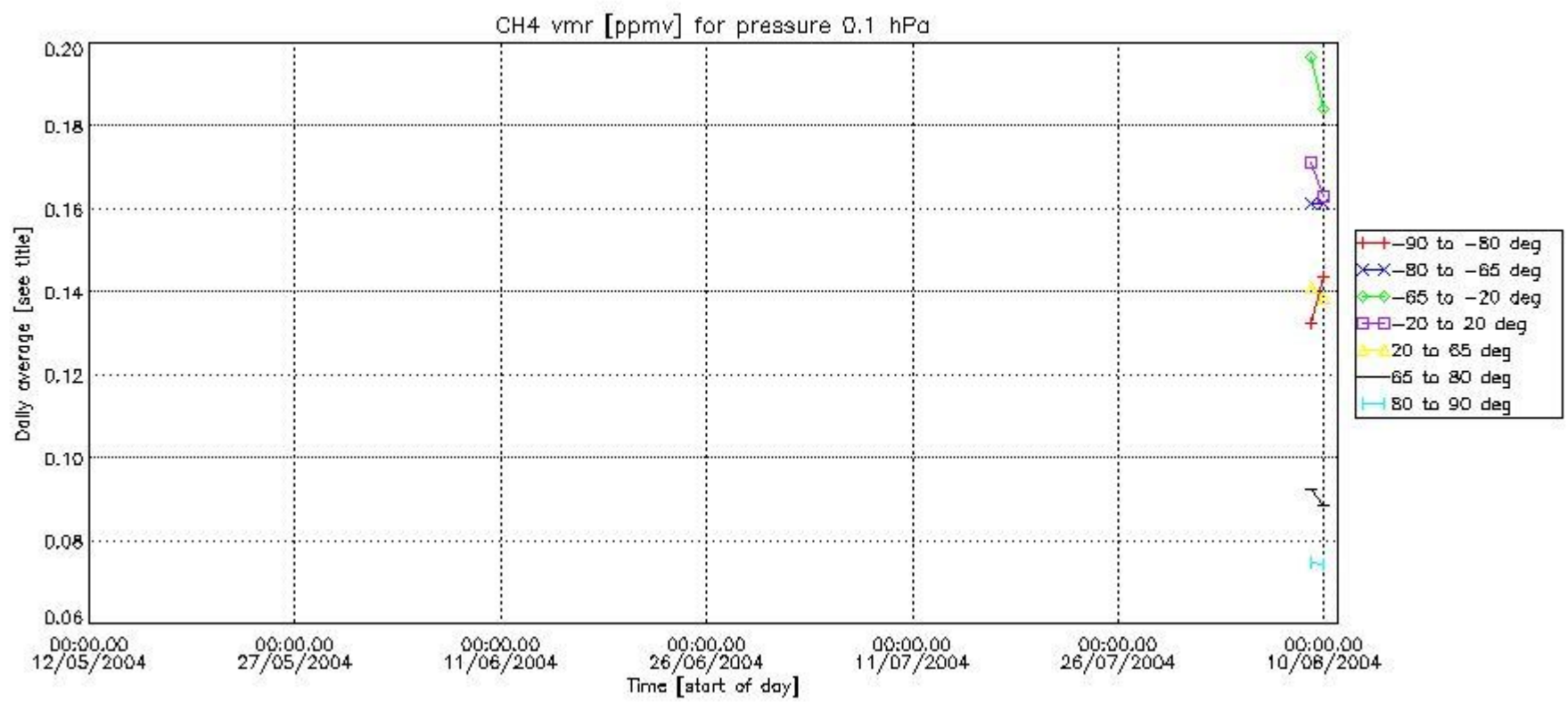
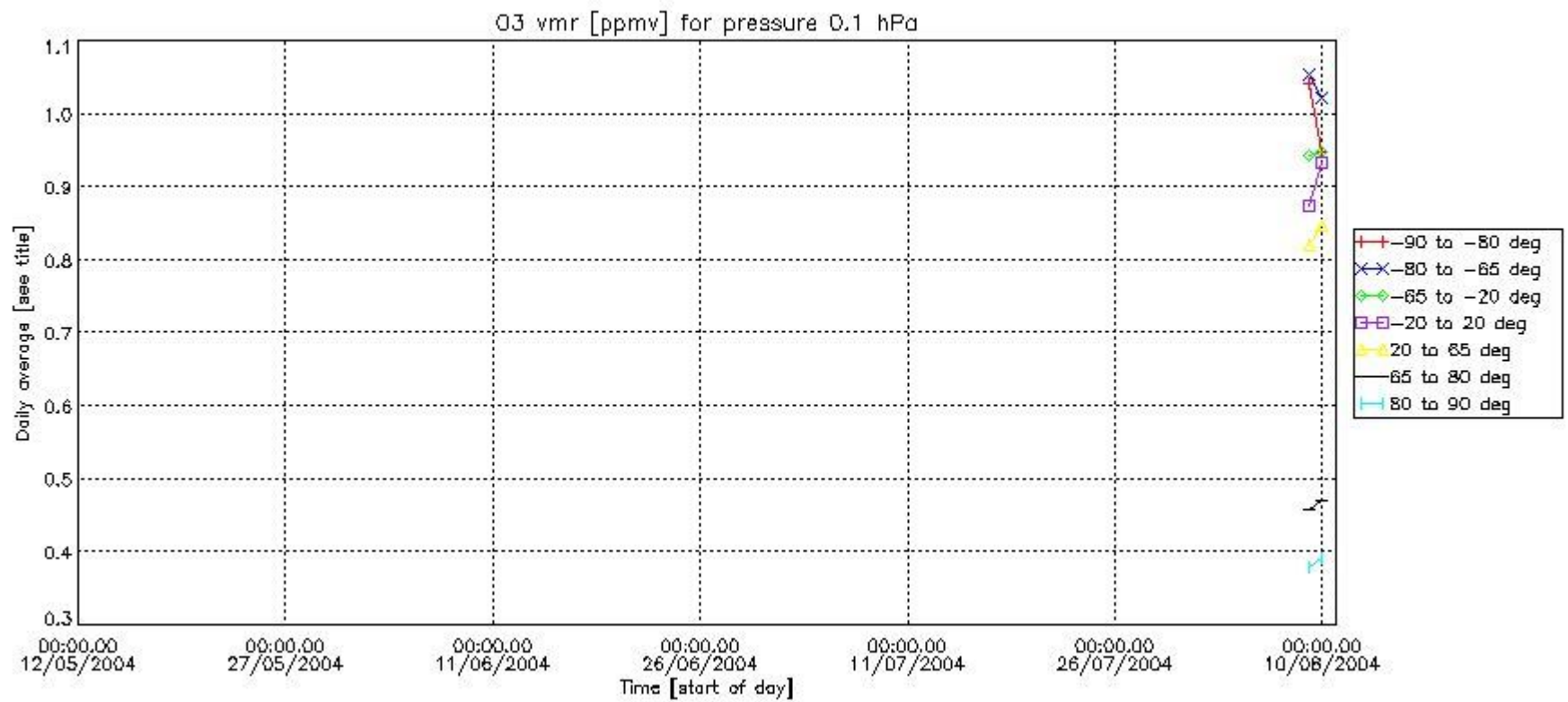


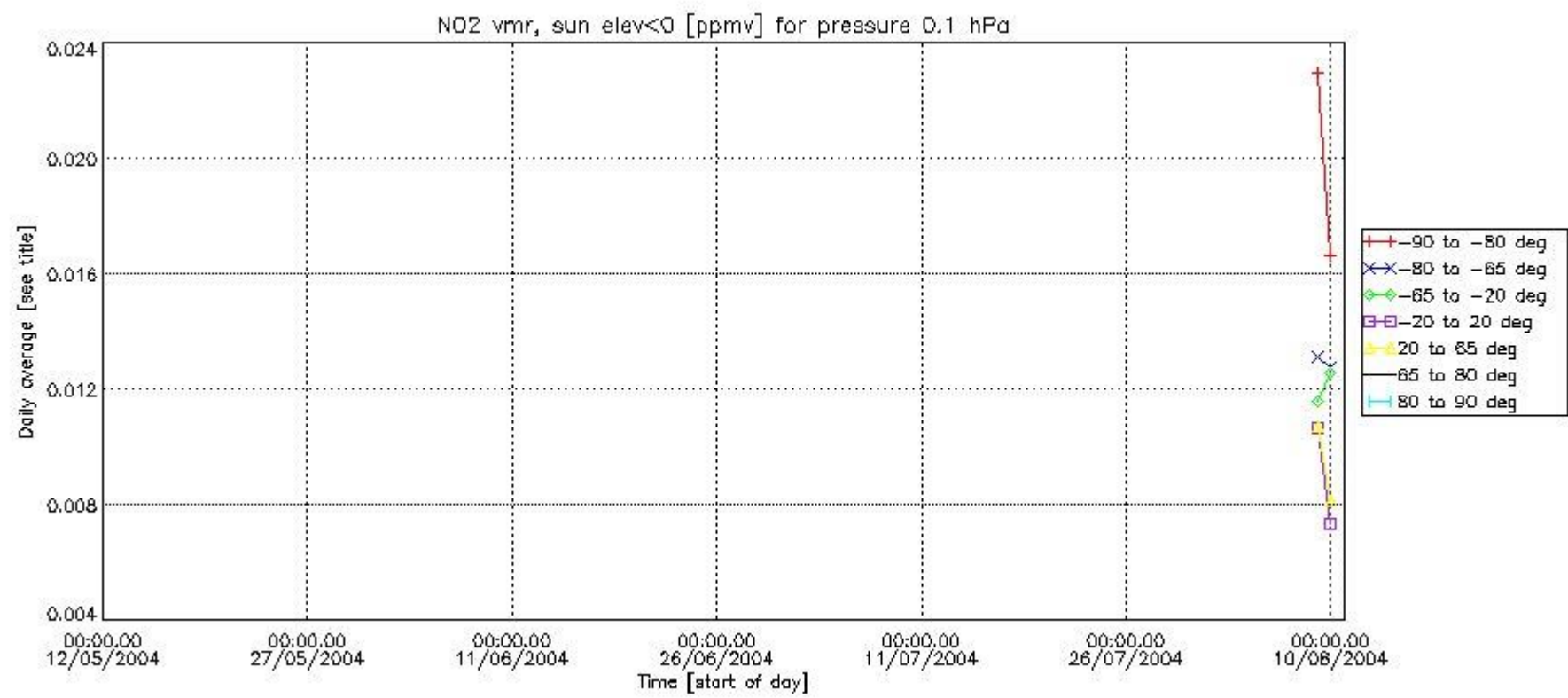
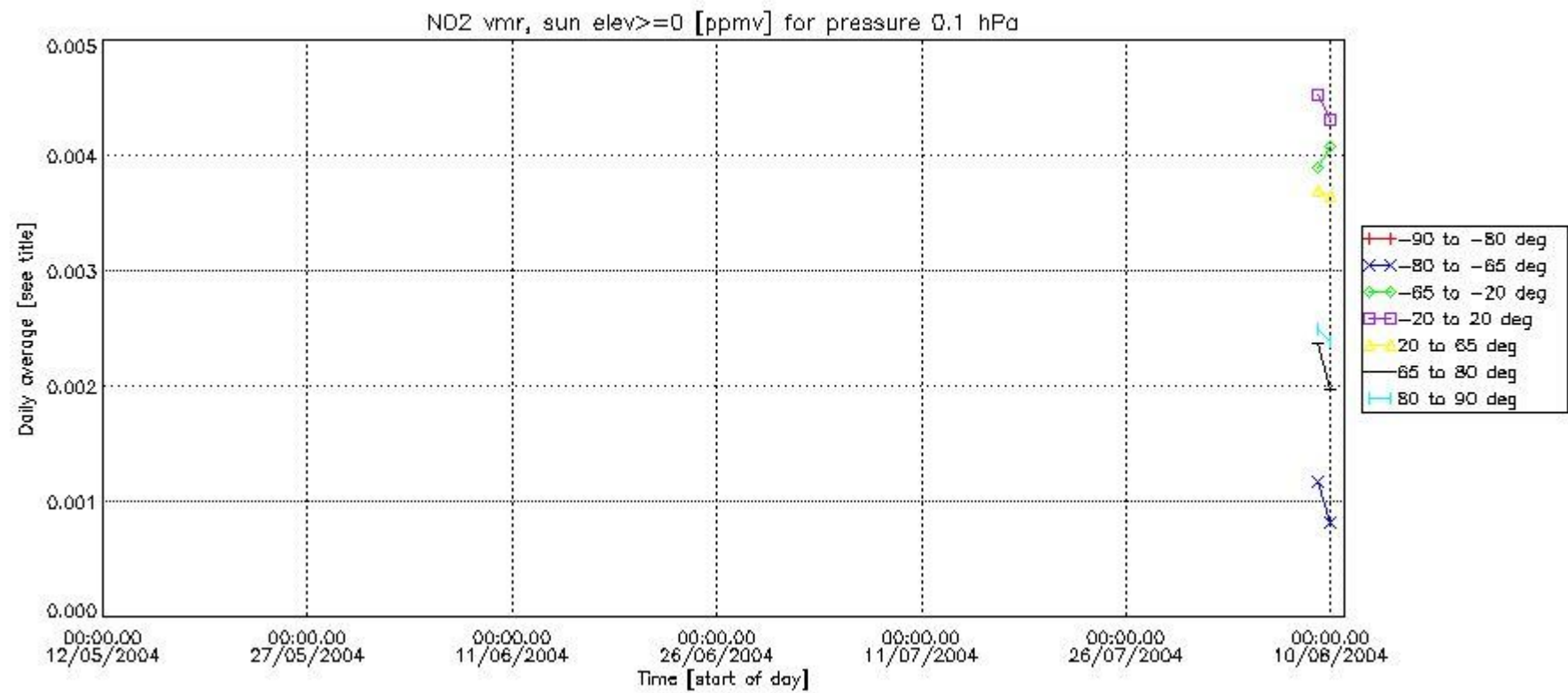




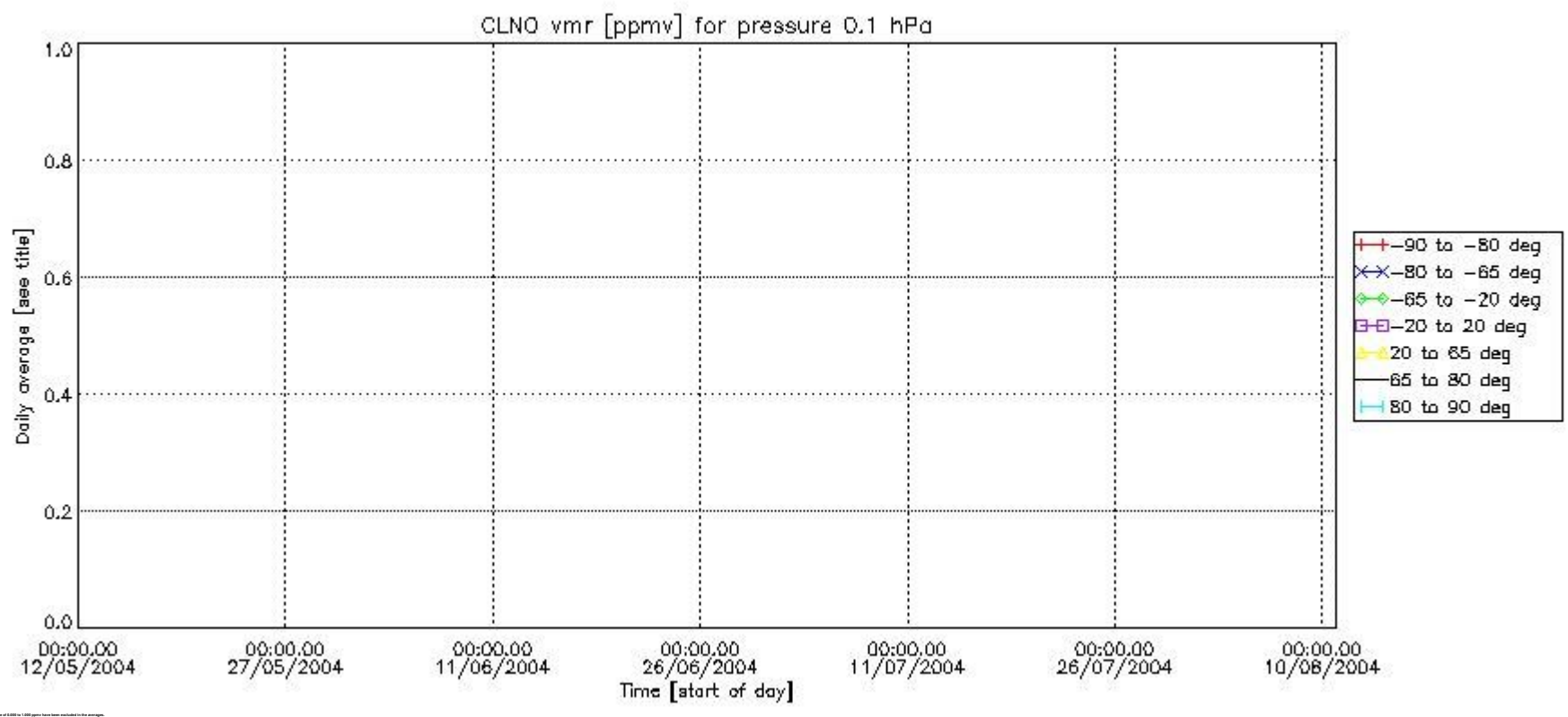
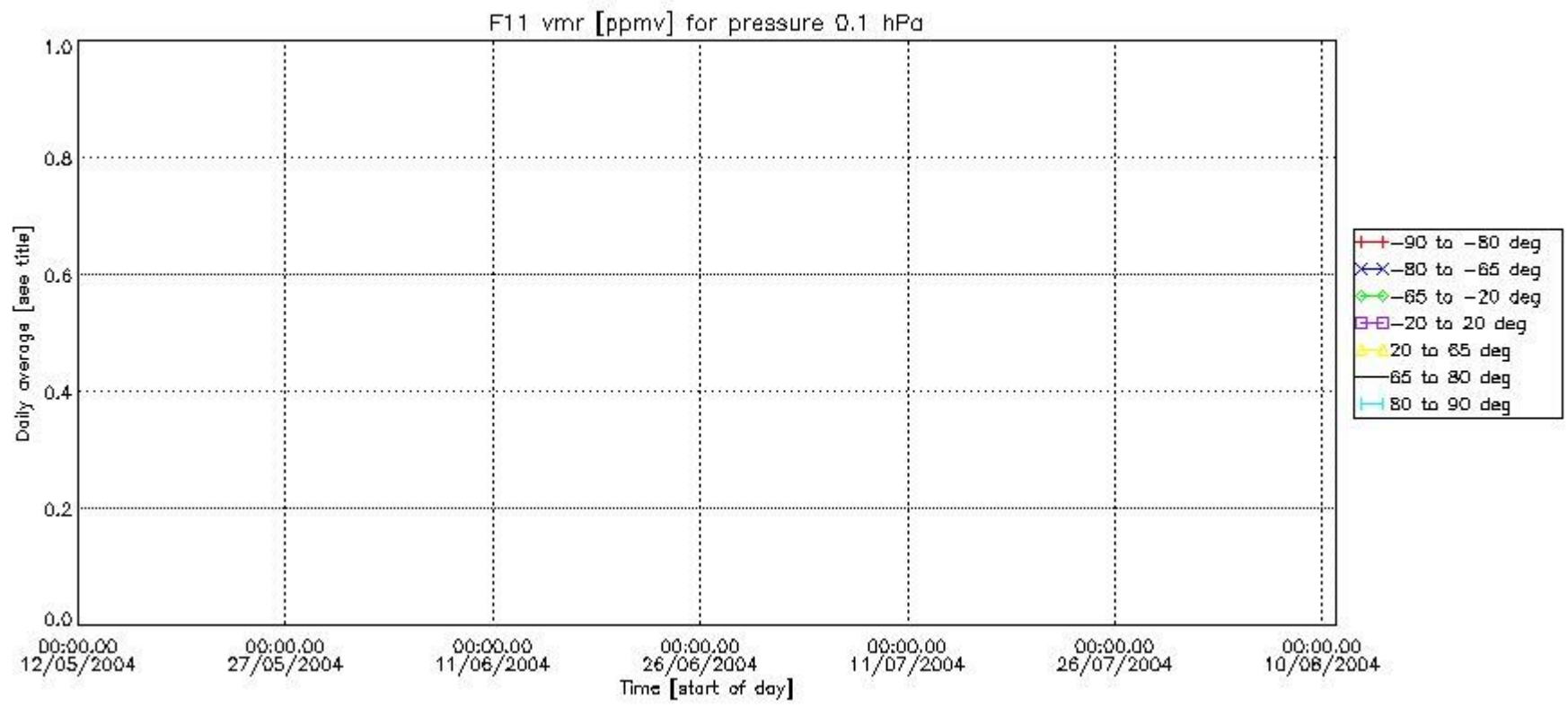


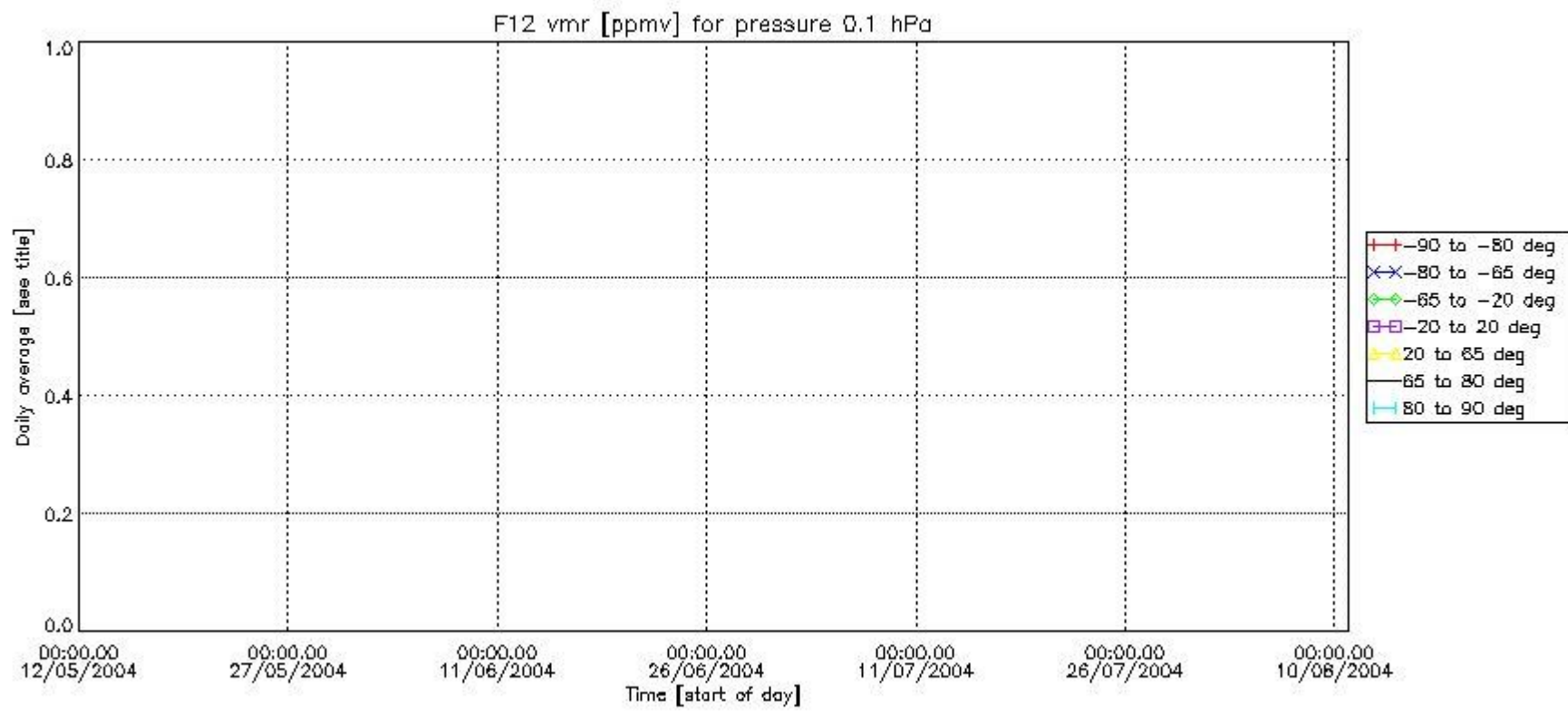
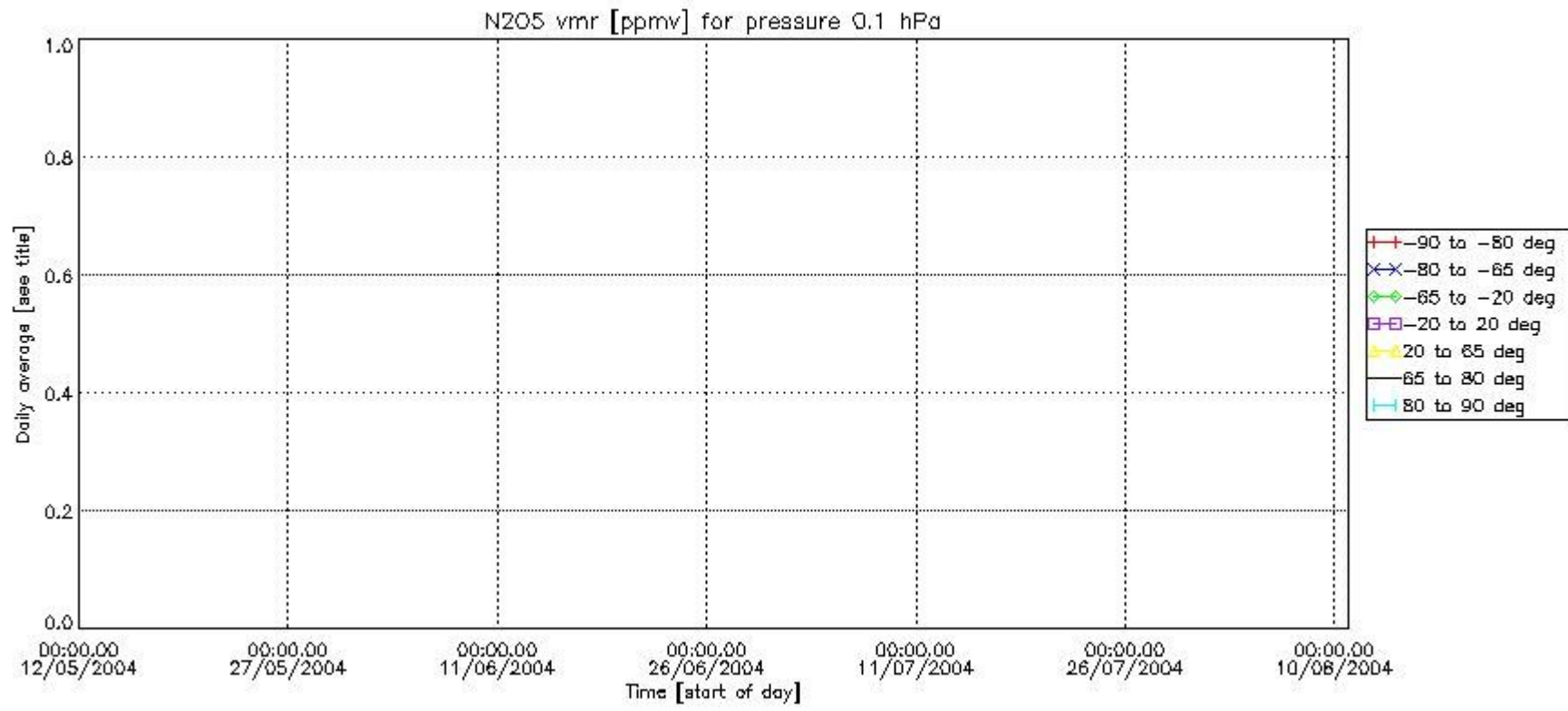


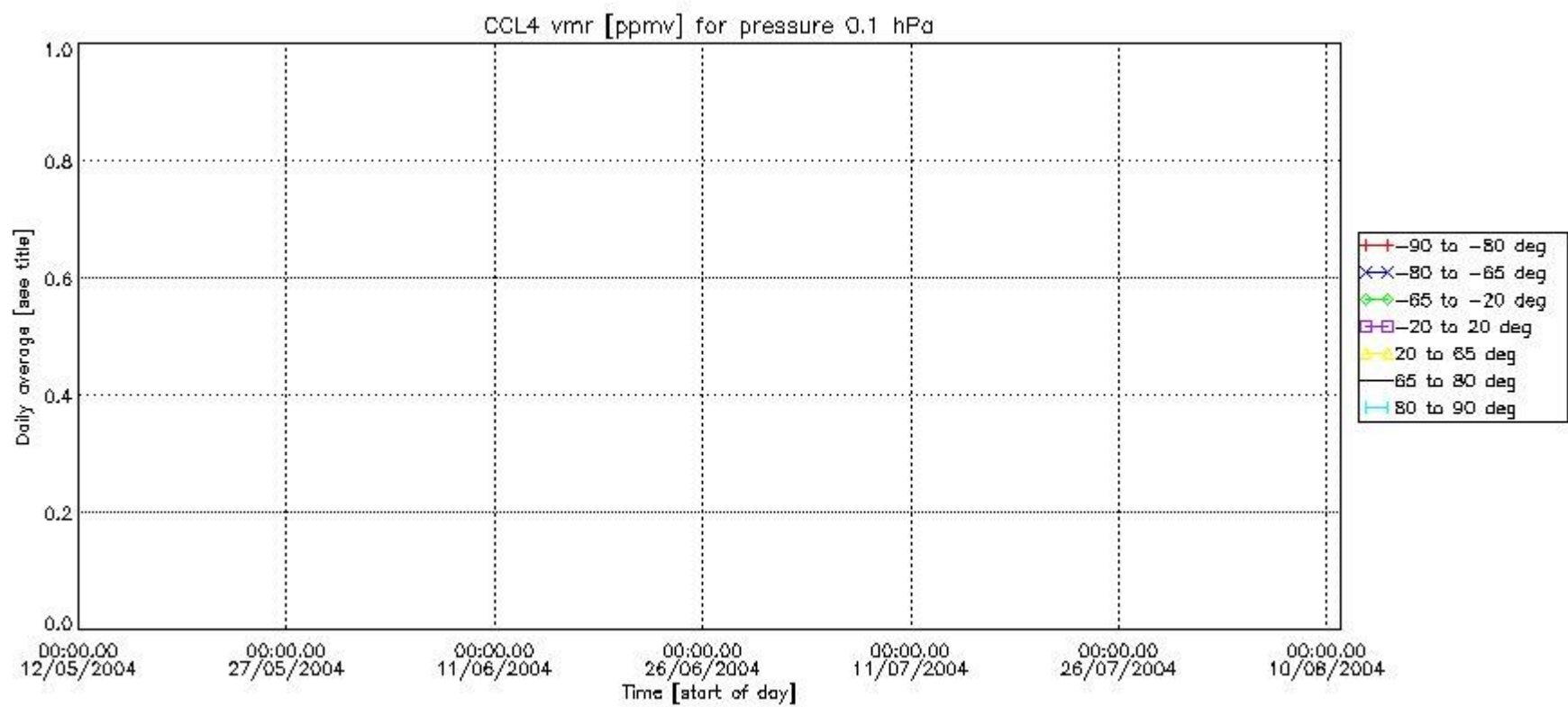
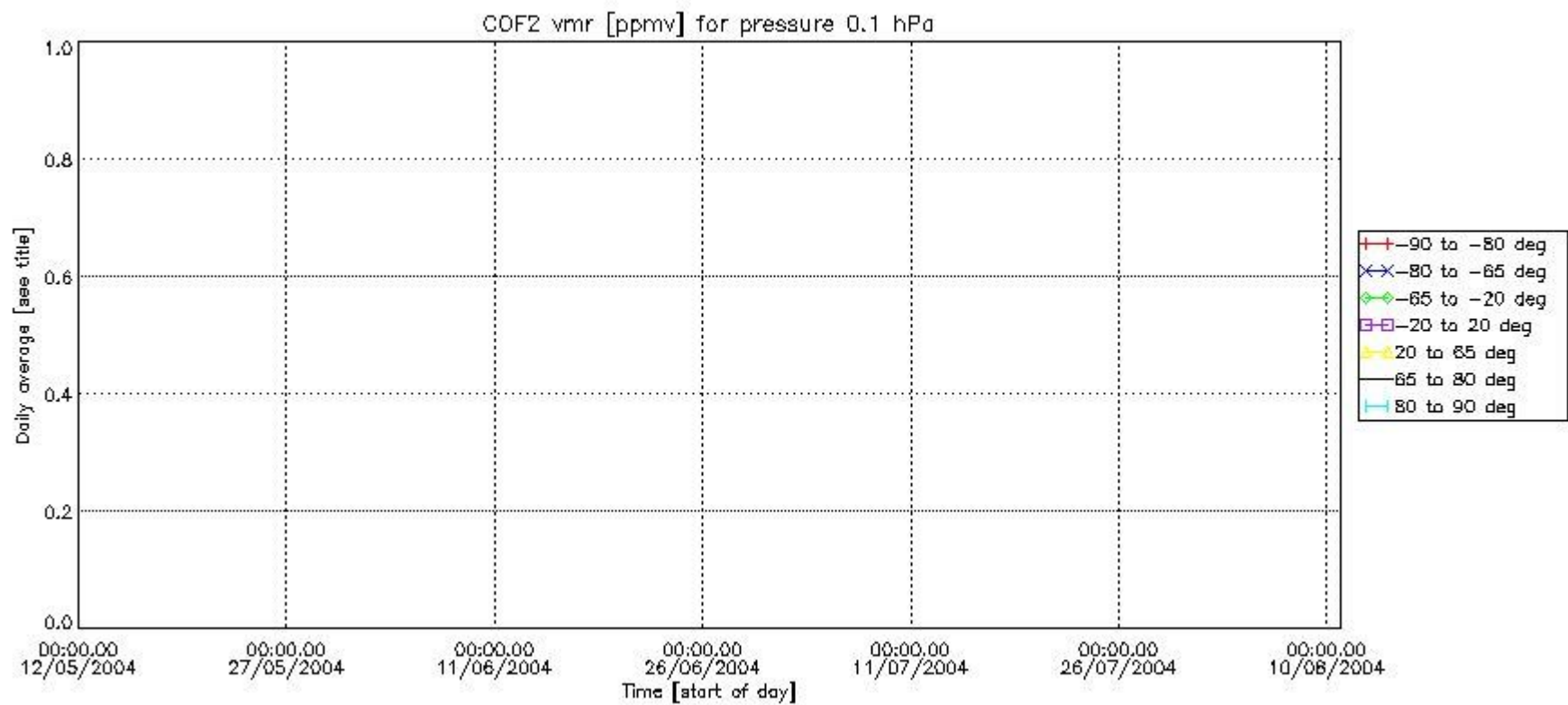


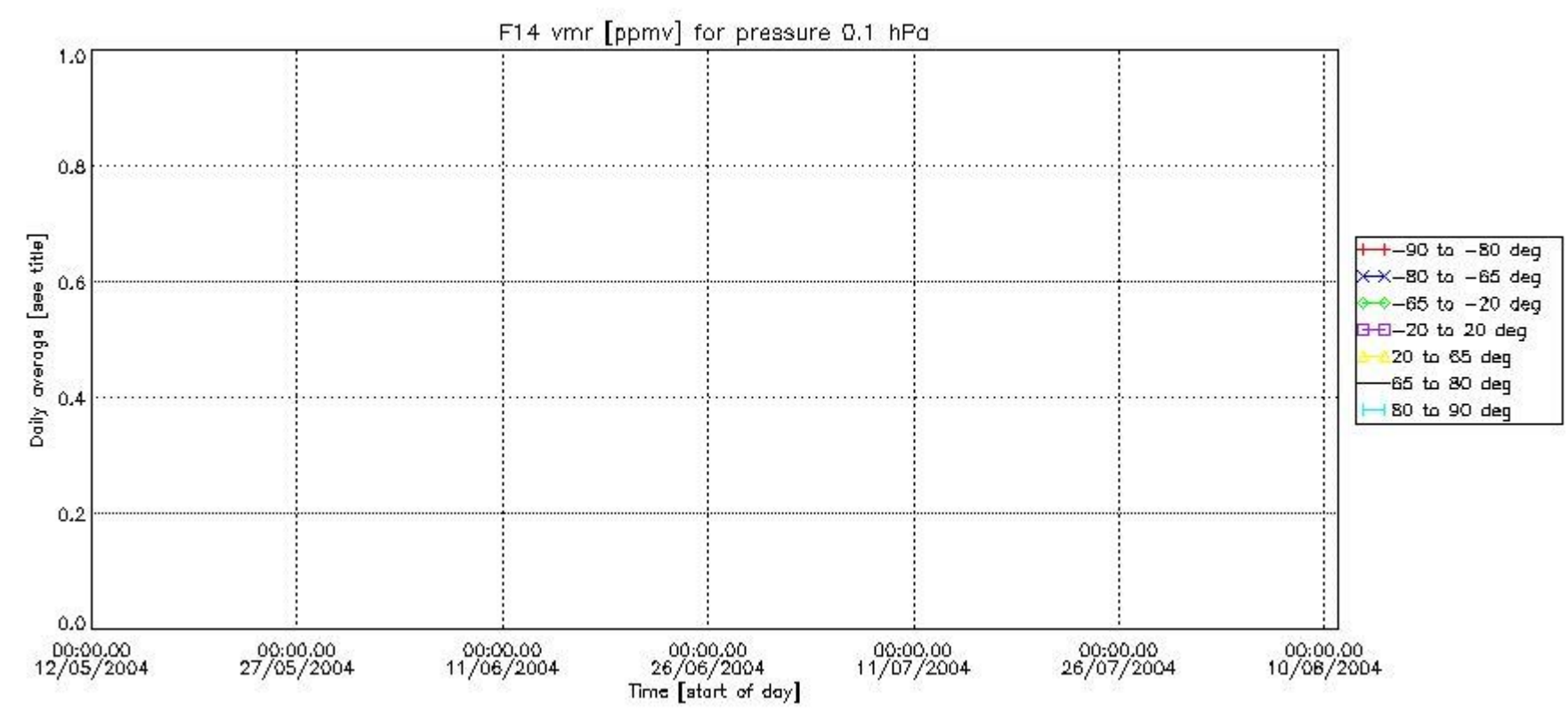
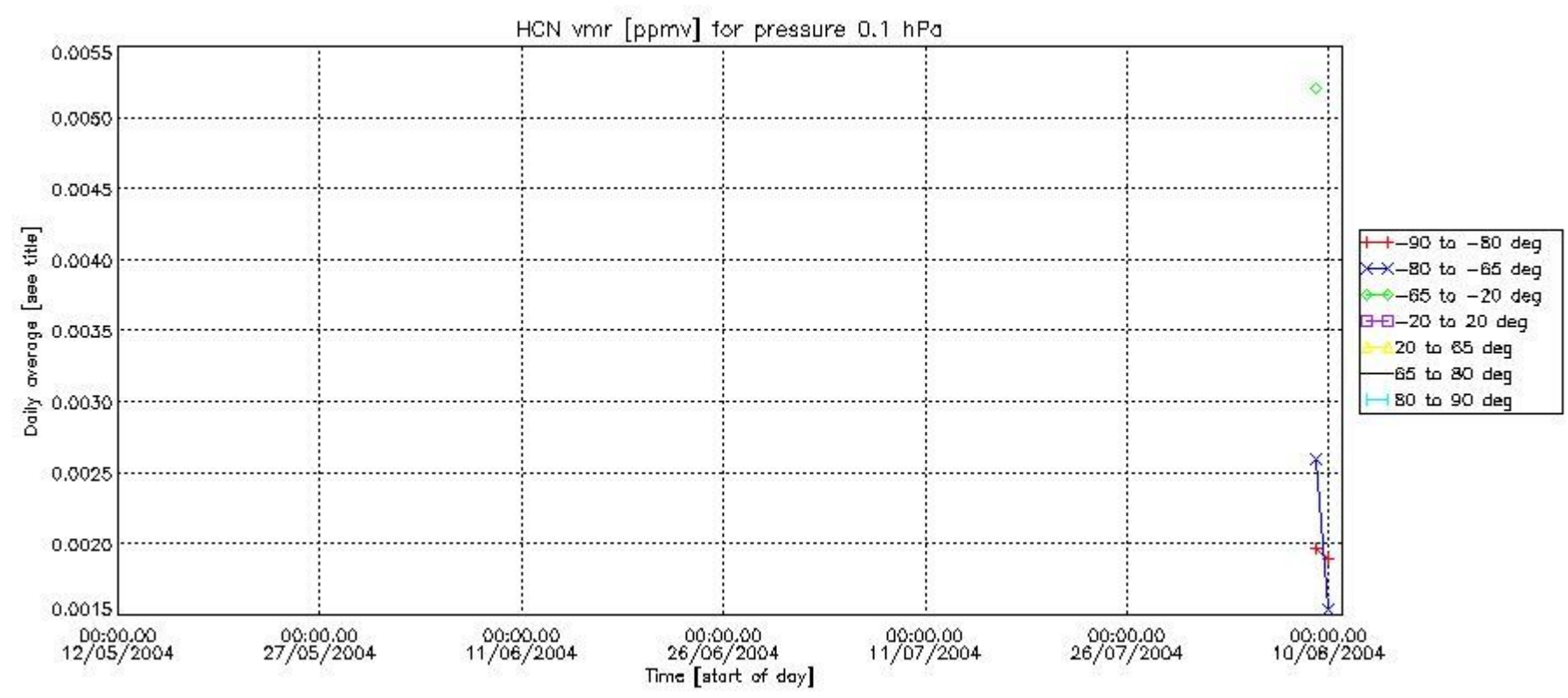


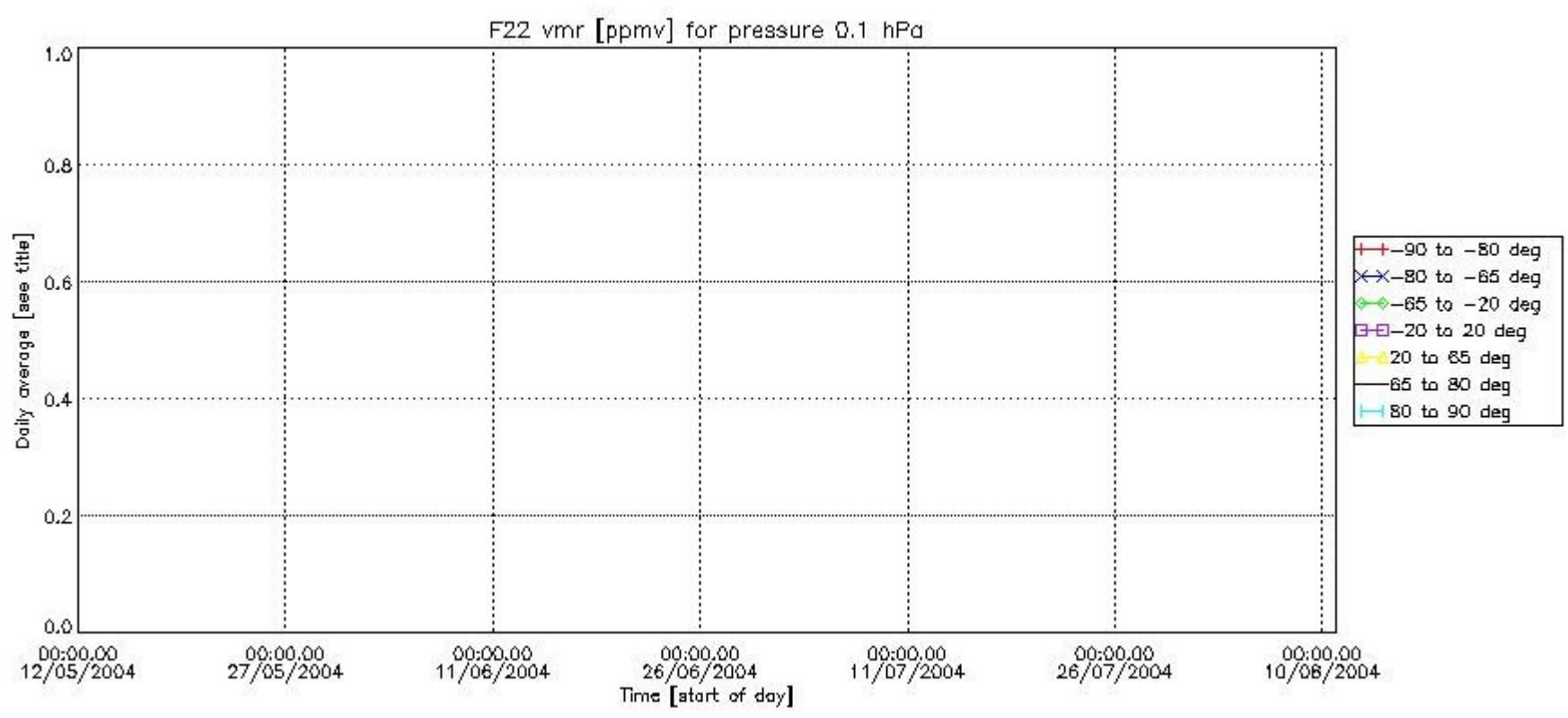












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

