

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060907.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	26APR2016 21:30:54
Data source version	ML2PP/7.03-W
Processing scope for products	07SEP2006 00:00:00 to 08SEP2006 00:00:00
Start time of first product within scope	06SEP2006 22:37:32
Stop time of last product within scope	07SEP2006 15:46:11
Total number of level 2 products	11
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.

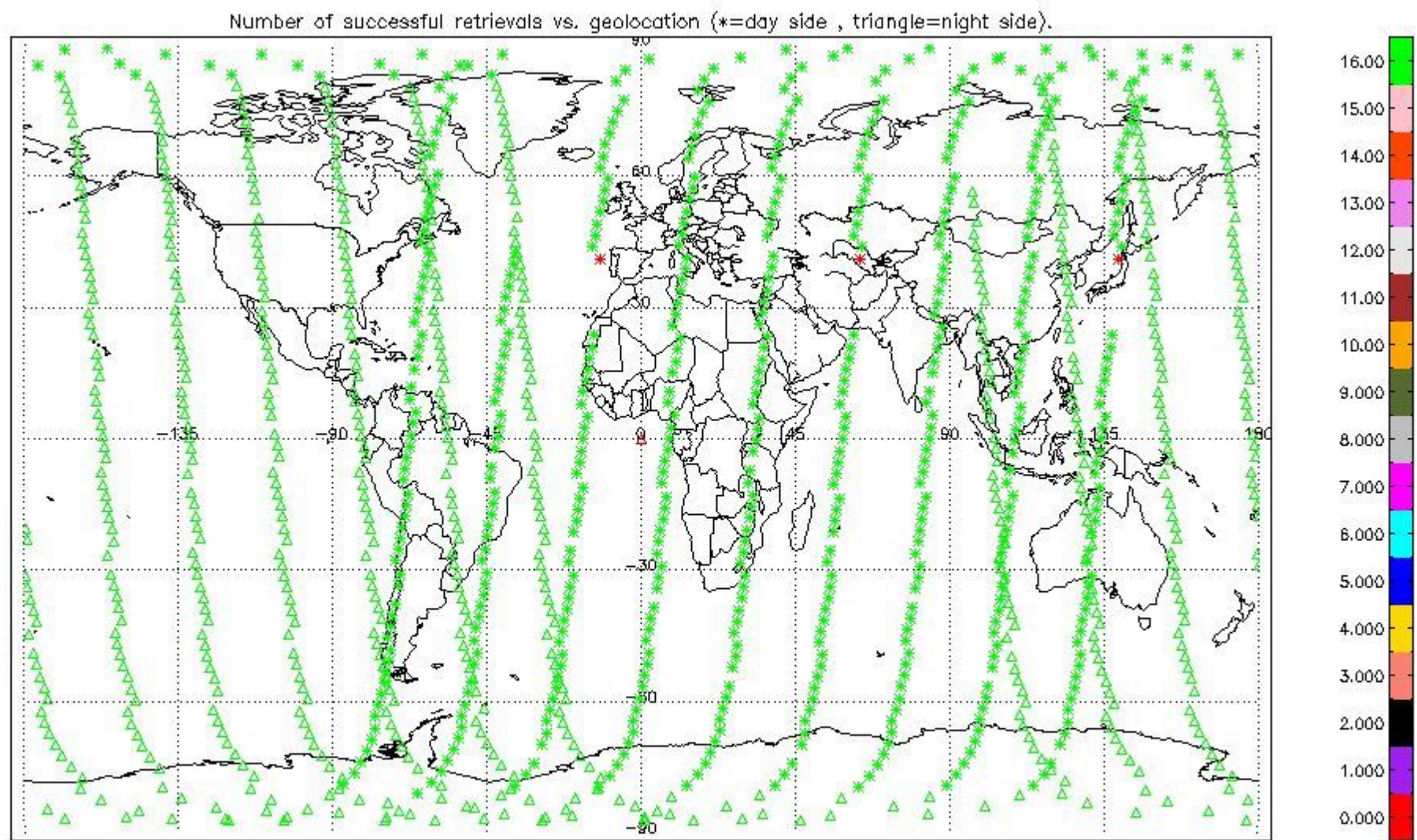
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20060906_223732_000060352051_00030_23631_1000.N1	06SEP2006 22:37:32	07SEP2006 00:18:07	0	133/133	VMR_TERM_MACRO_MICRO[F14/macro:1; CLNO/micro:2]
1	MIP_NL__2PWDSI20060907_001813_000060332051_00031_23632_1000.N1	07SEP2006 00:18:13	07SEP2006 01:58:47	0	129/129	VMR_TERM_MACRO_MICRO[CLNO/micro:1; HCN/micro:3]
2	MIP_NL__2PWDSI20060907_015853_000060202051_00032_23633_1000.N1	07SEP2006 01:58:53	07SEP2006 03:39:13	0	132/132	VMR_TERM_MACRO_MICRO[F14/macro:1; H2O/micro:1; CLNO/micro:2]
3	MIP_NL__2PWDSI20060907_033919_000060352051_00033_23634_1000.N1	07SEP2006 03:39:19	07SEP2006 05:19:54	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:2; H2O/micro:1; NO2/micro:1; CLNO/micro:1; HCN/micro:1; F14/micro:1]
4	MIP_NL__2PWDSI20060907_052001_000060342051_00034_23635_1000.N1	07SEP2006 05:20:01	07SEP2006 07:00:34	0	129/129	VMR_TERM_MACRO_MICRO[F14/macro:1; NO2/micro:1; HCN/micro:2]
5	MIP_NL__2PWDSI20060907_070041_000060202051_00035_23636_1000.N1	07SEP2006 07:00:41	07SEP2006 08:41:01	0	132/132	VMR_TERM_MACRO_MICRO[F14/macro:1]
6	MIP_NL__2PWDSI20060907_084107_000060352051_00036_23637_1000.N1	07SEP2006 08:41:07	07SEP2006 10:21:42	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:1; NO2/micro:1; HCN/micro:1]
7	MIP_NL__2PWDSI20060907_102148_000060342051_00037_23638_1000.N1	07SEP2006 10:21:48	07SEP2006 12:02:22	0	129/129	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:2]
8	MIP_NL__2PWDSI20060907_120228_000060062051_00038_23639_1000.N1	07SEP2006 12:02:28	07SEP2006 13:42:35	0	113/113	VMR_TERM_MACRO_MICRO[CLNO/macro:1; HCN/macro:1]
9	MIP_NL__2PWDSI20060907_134241_000060352051_00039_23640_1000.N1	07SEP2006 13:42:41	07SEP2006 15:23:16	0	133/133	VMR_TERM_MACRO_MICRO[F14/macro:1; CLNO/micro:1; HCN/micro:2]
10	MIP_NL__2PWDSI20060907_152322_000013692051_00040_23641_1000.N1	07SEP2006 15:23:22	07SEP2006 15:46:11	0	30/30	

## 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.

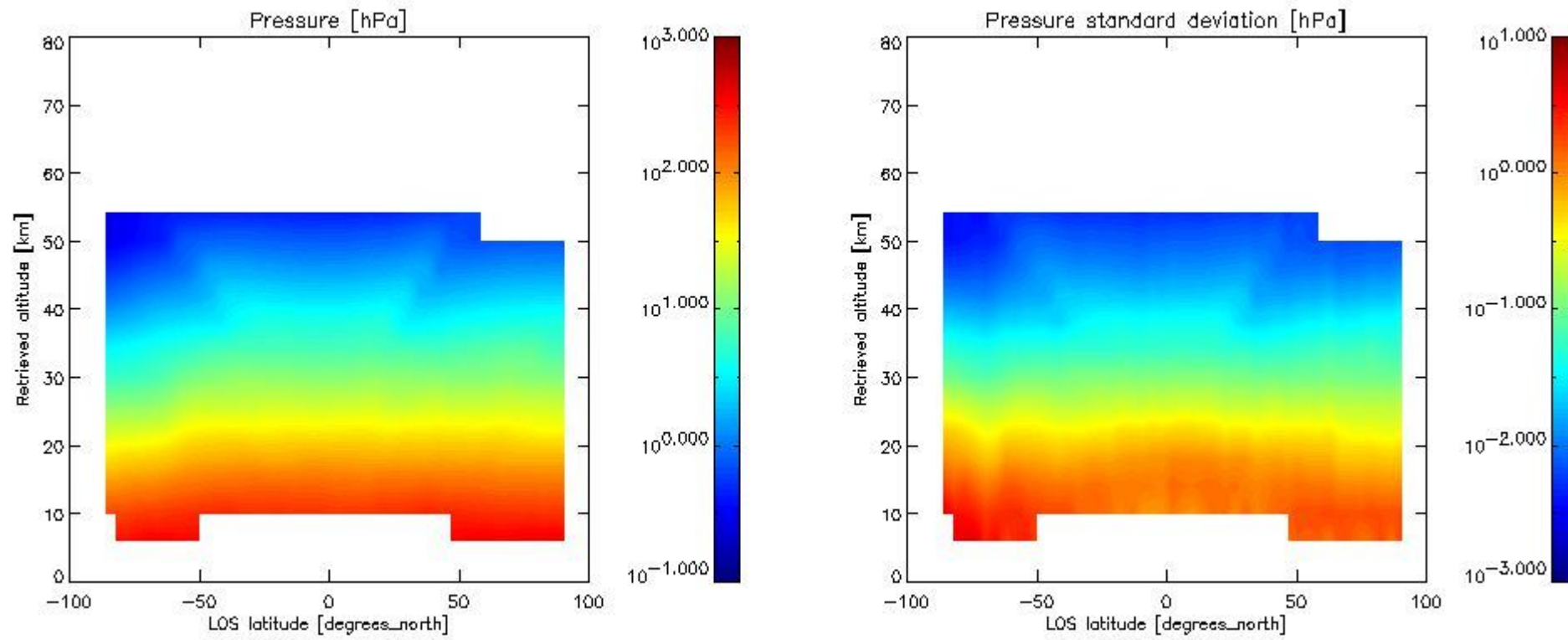
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1326	1211	91.327
H2O	1326	1211	91.327
O3	1326	1211	91.327
HNO3	1326	1211	91.327
CH4	1326	1211	91.327
N2O	1326	1211	91.327
NO2	1326	1211	91.327
F11	1326	1211	91.327
CLNO	1326	1211	91.327
N2O5	1326	1211	91.327
F12	1326	1211	91.327
COF2	1326	1211	91.327
CCL4	1326	1211	91.327
HCN	1326	1211	91.327
F14	1326	1211	91.327
F22	1326	1211	91.327



### 2.2.2 Pressure overview

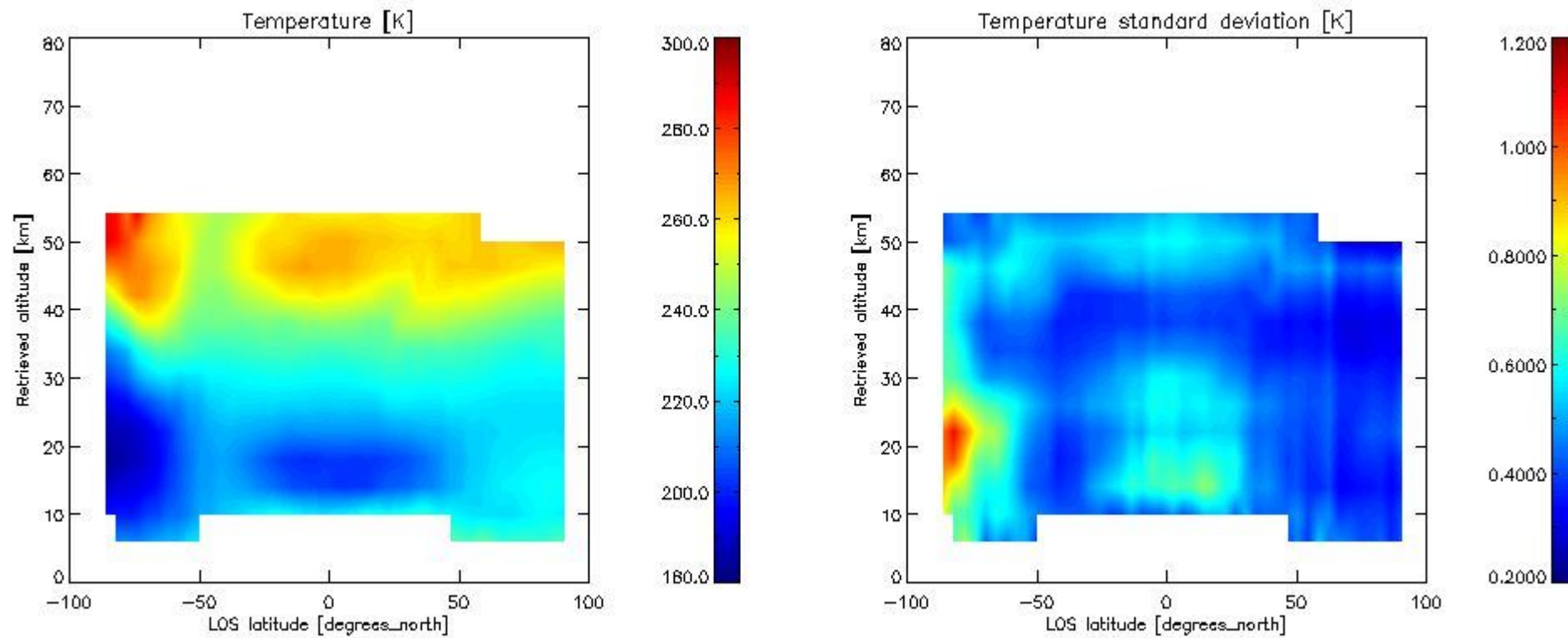
This section shows values (left) and error (right) for pressure after binning individual sweep values over retrieved altitude and tangent latitude.





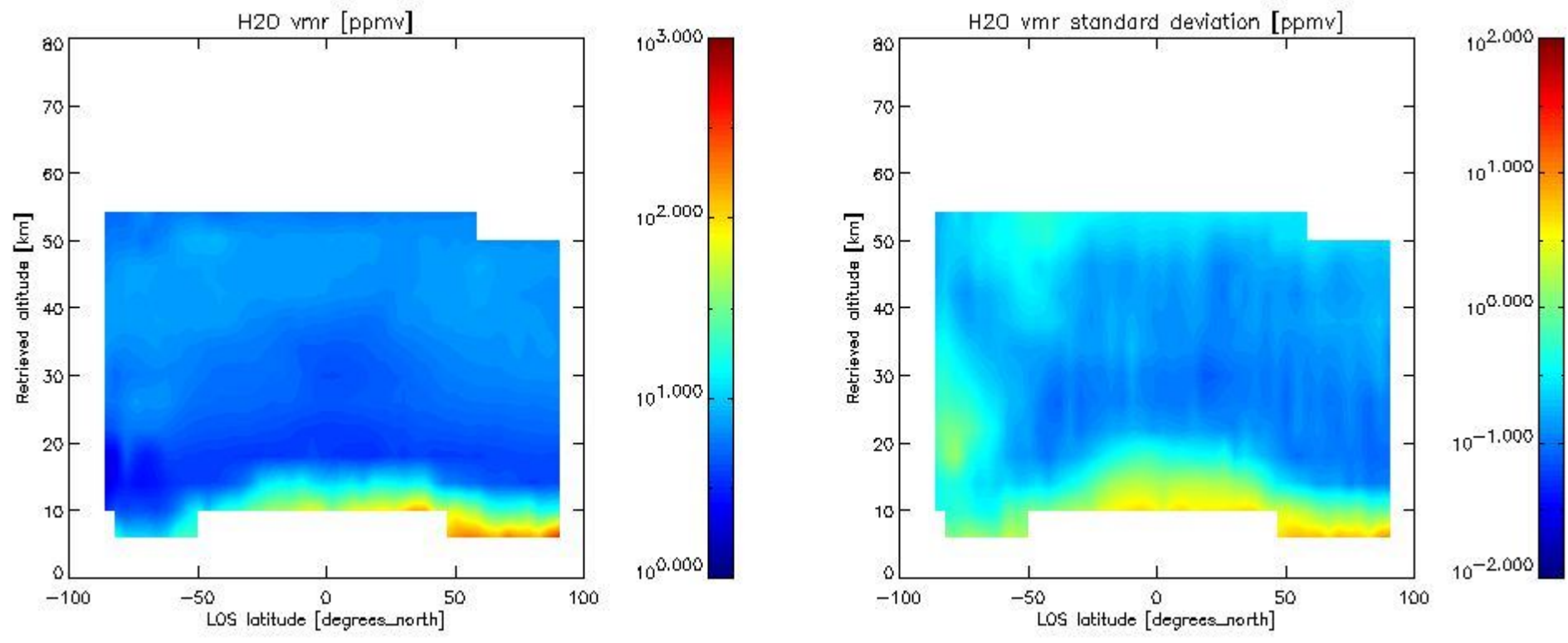
### 2.2.3 Temperature overview

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

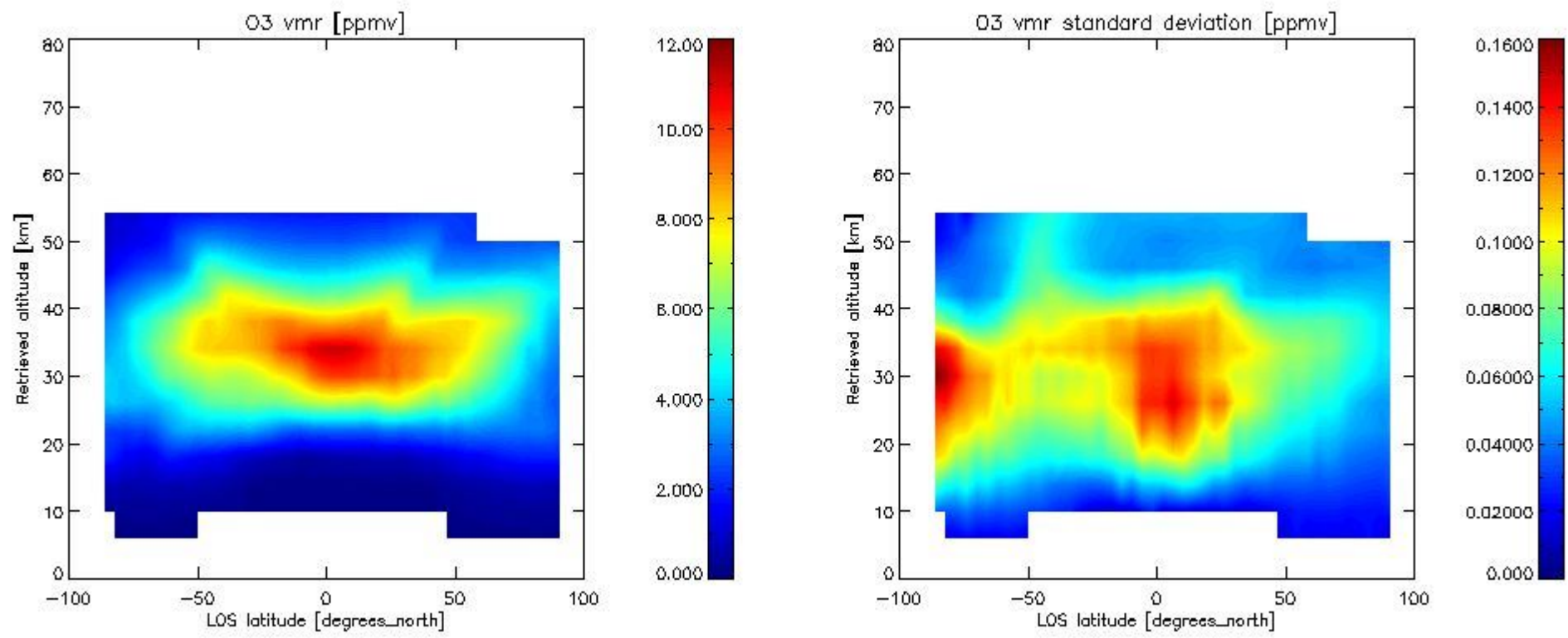


### 2.2.4 Species overview

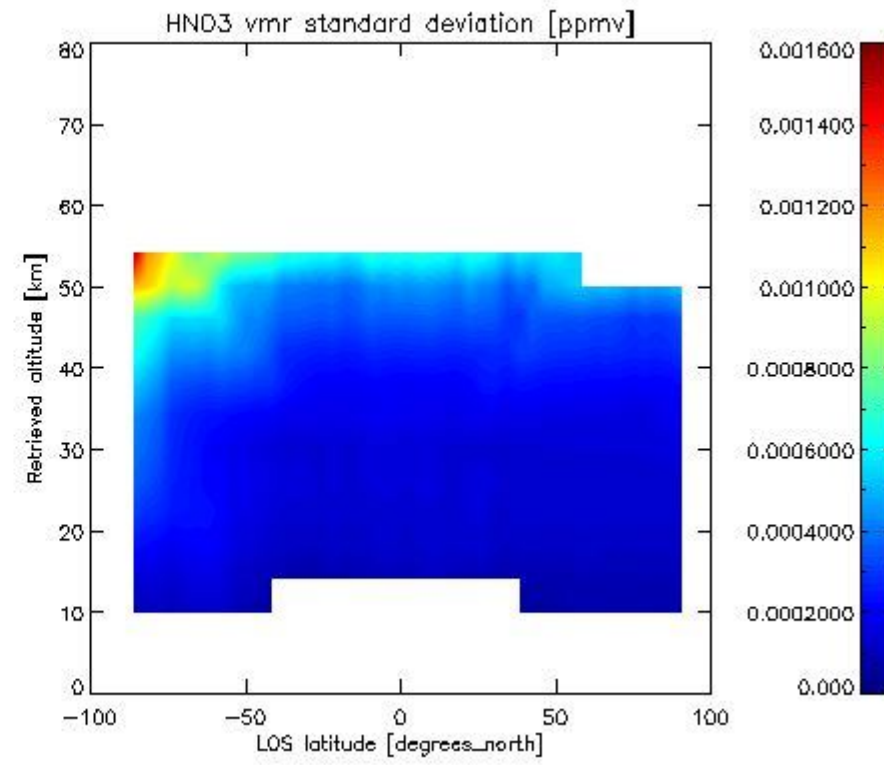
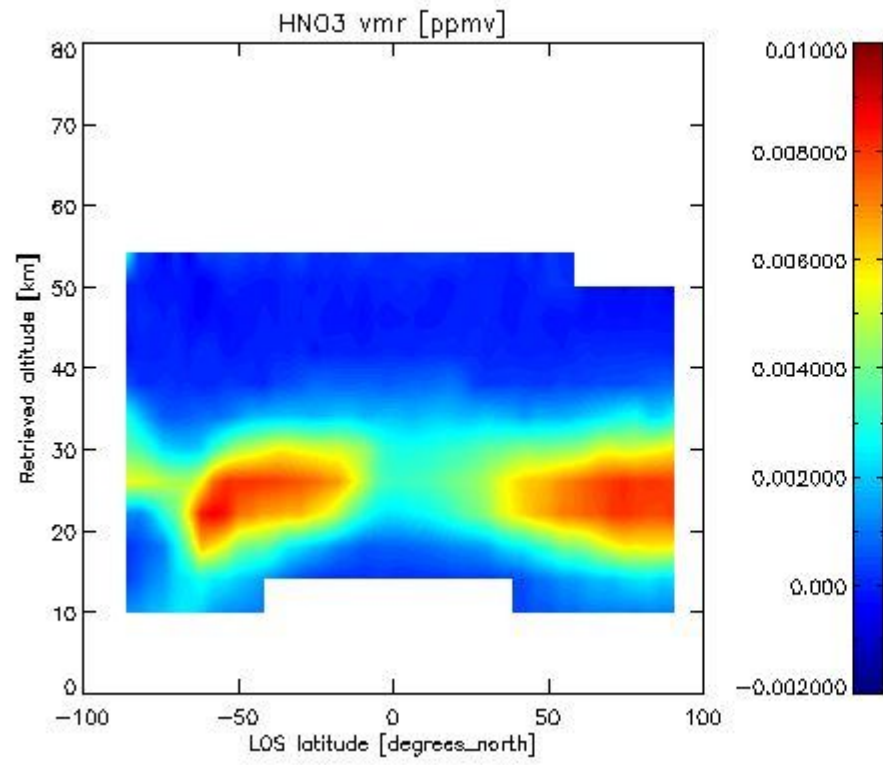
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



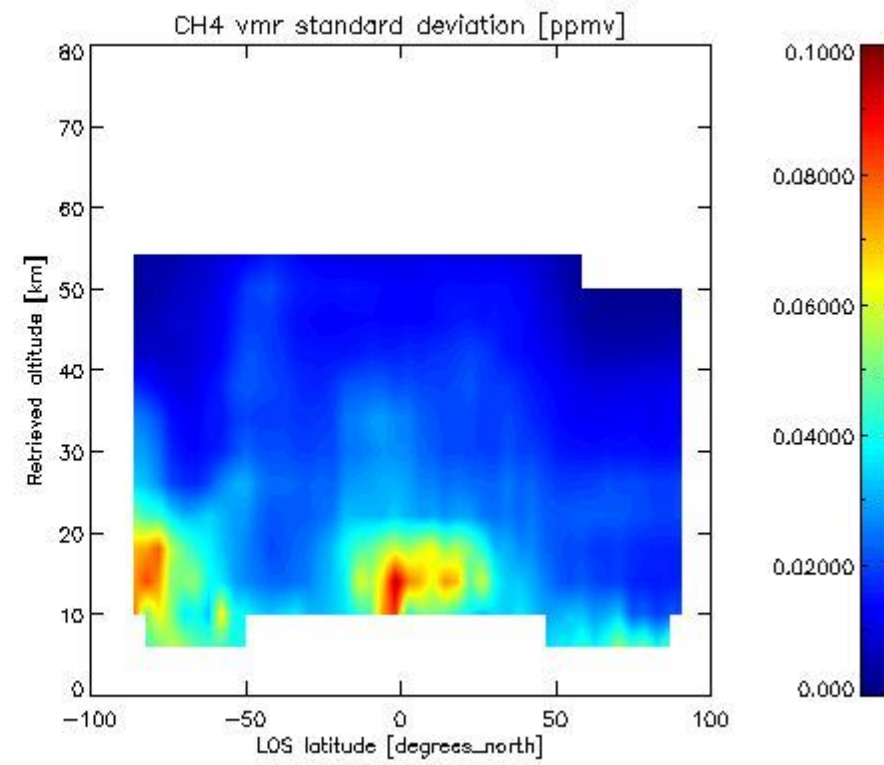
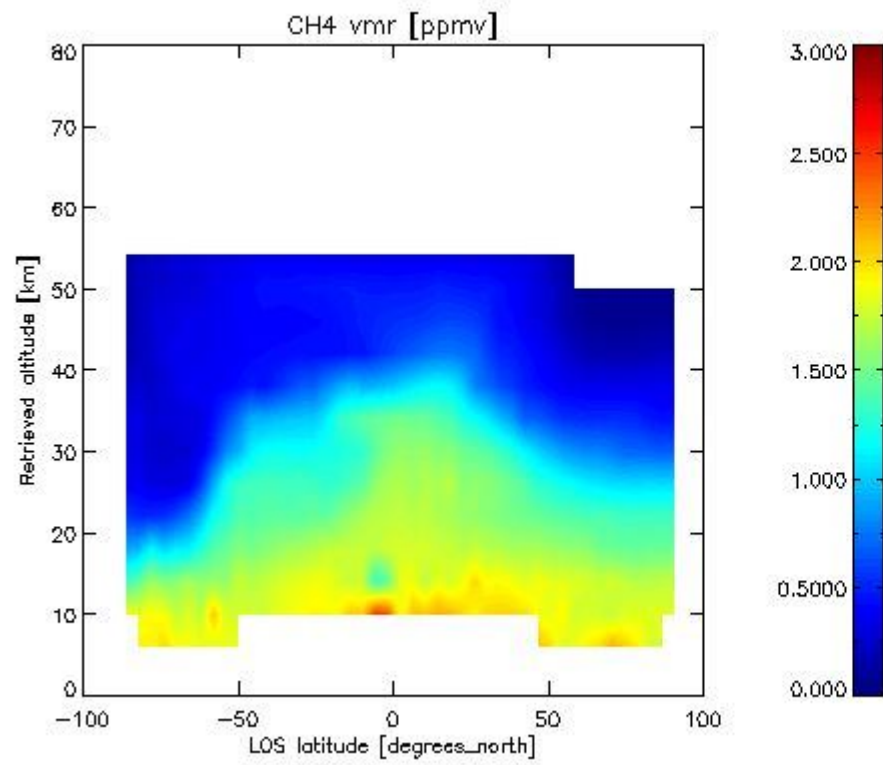
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



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.

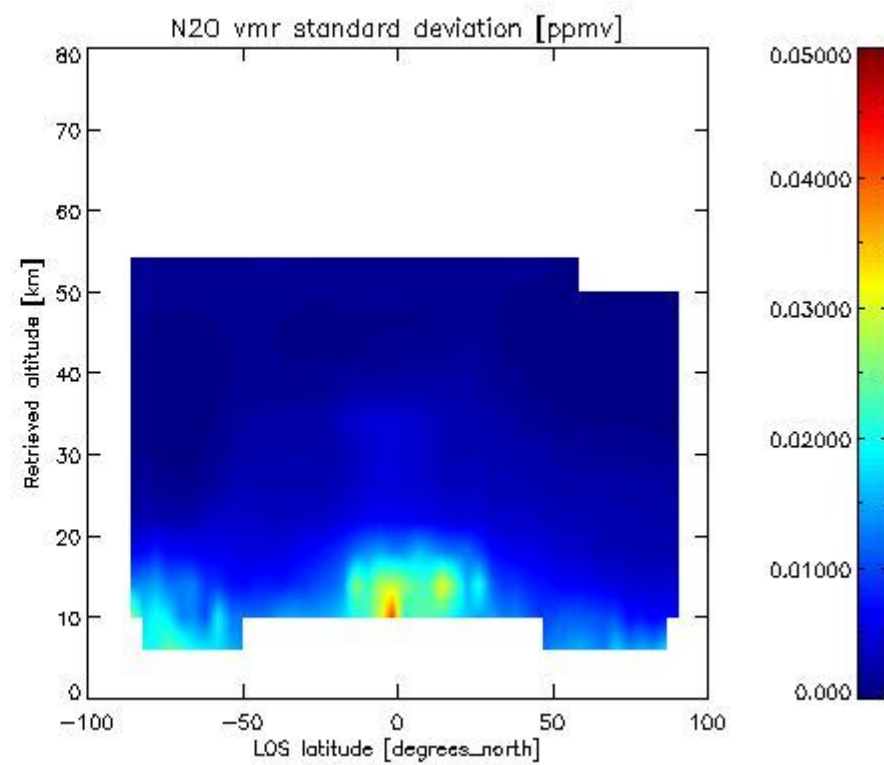
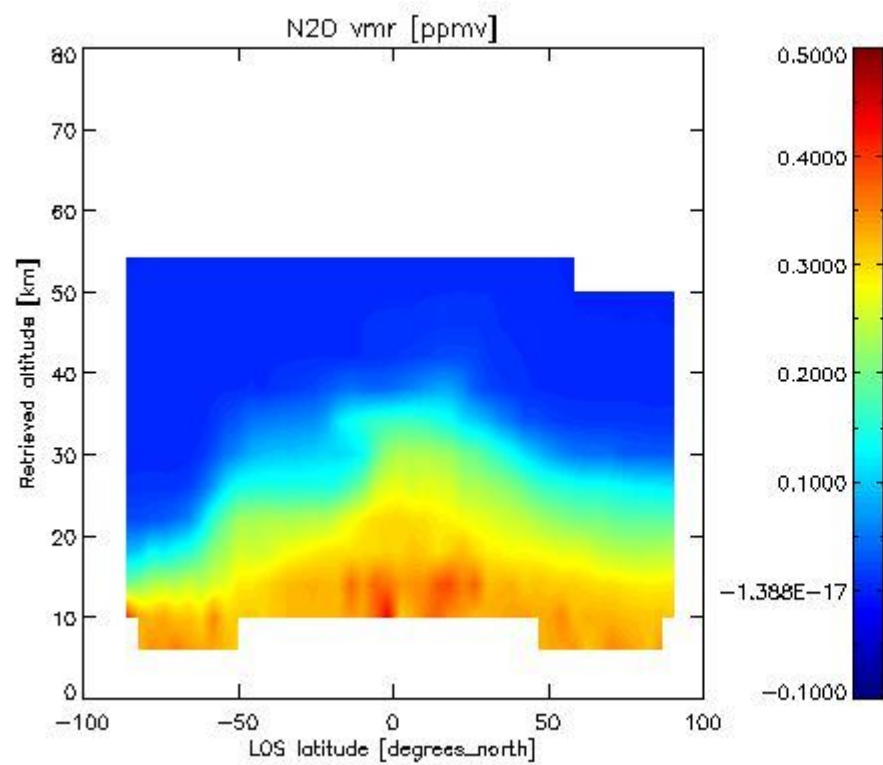


2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.

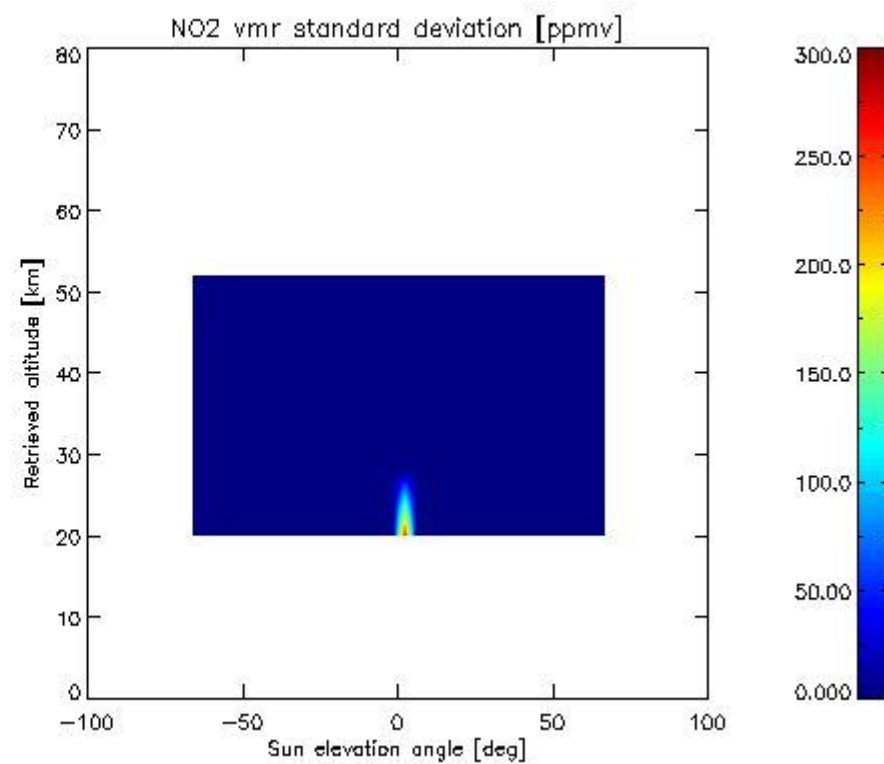
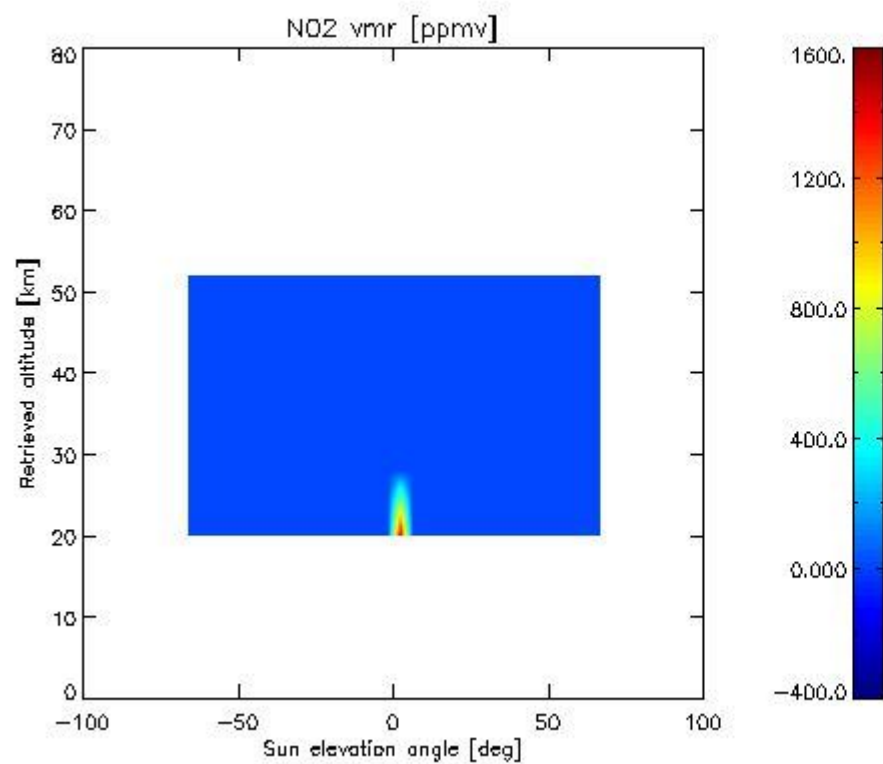


2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.

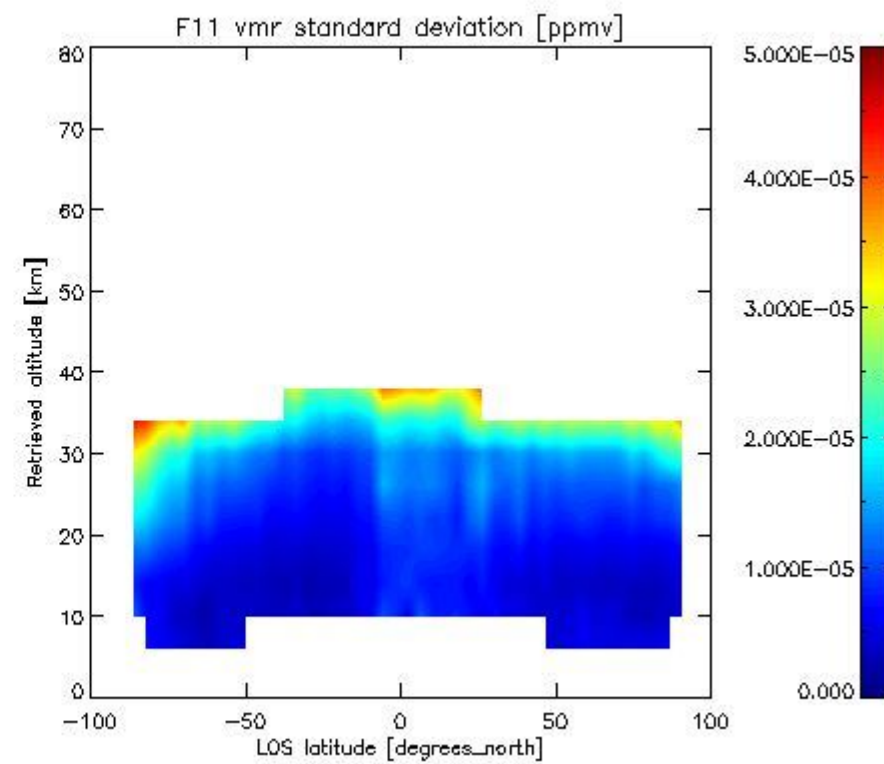
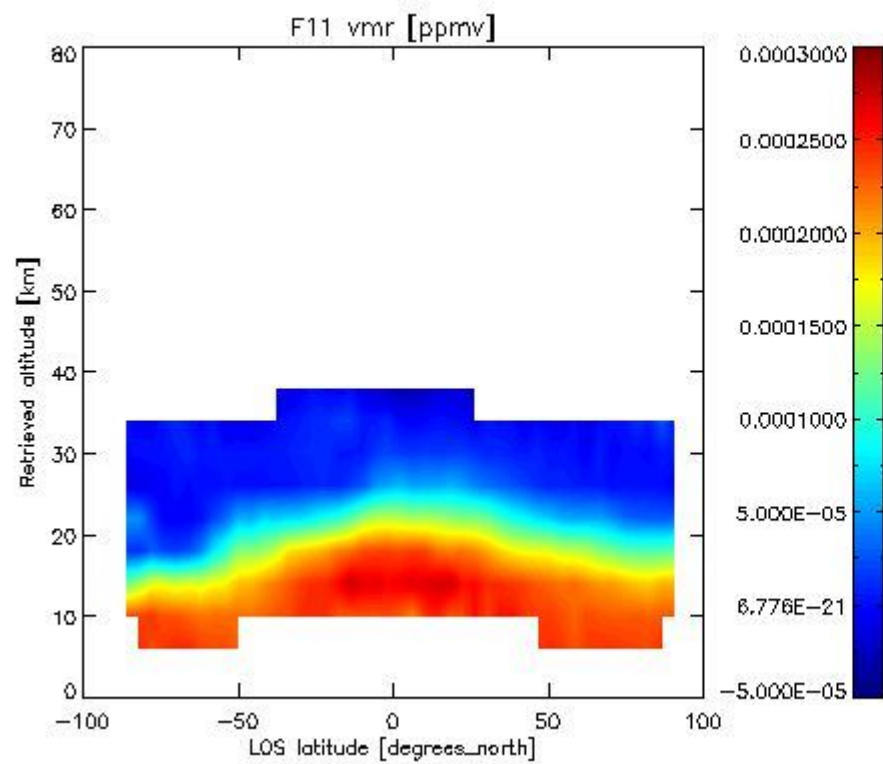




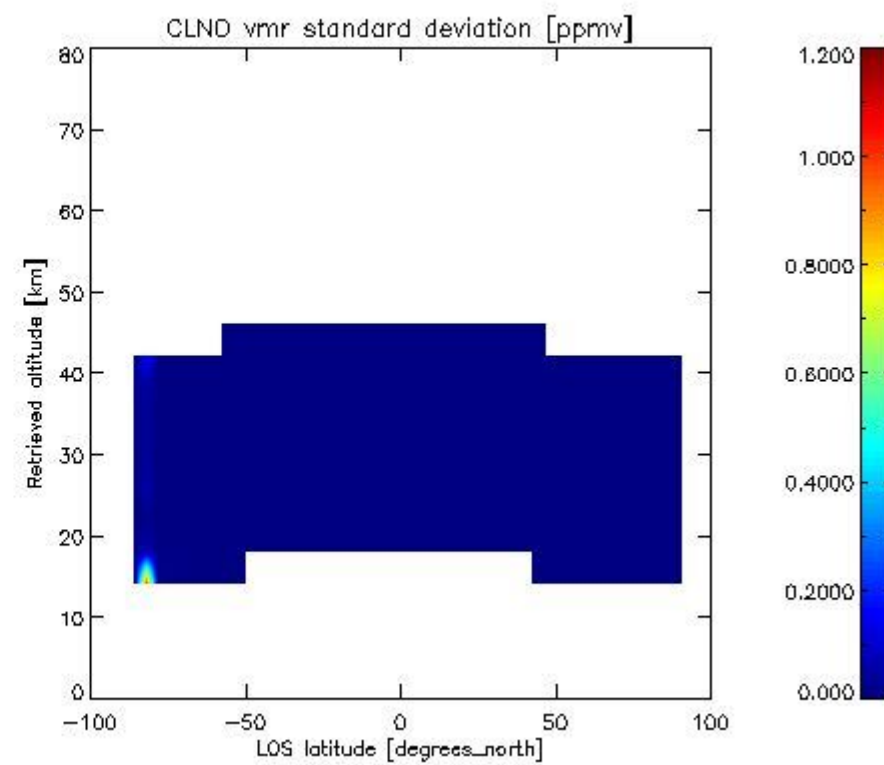
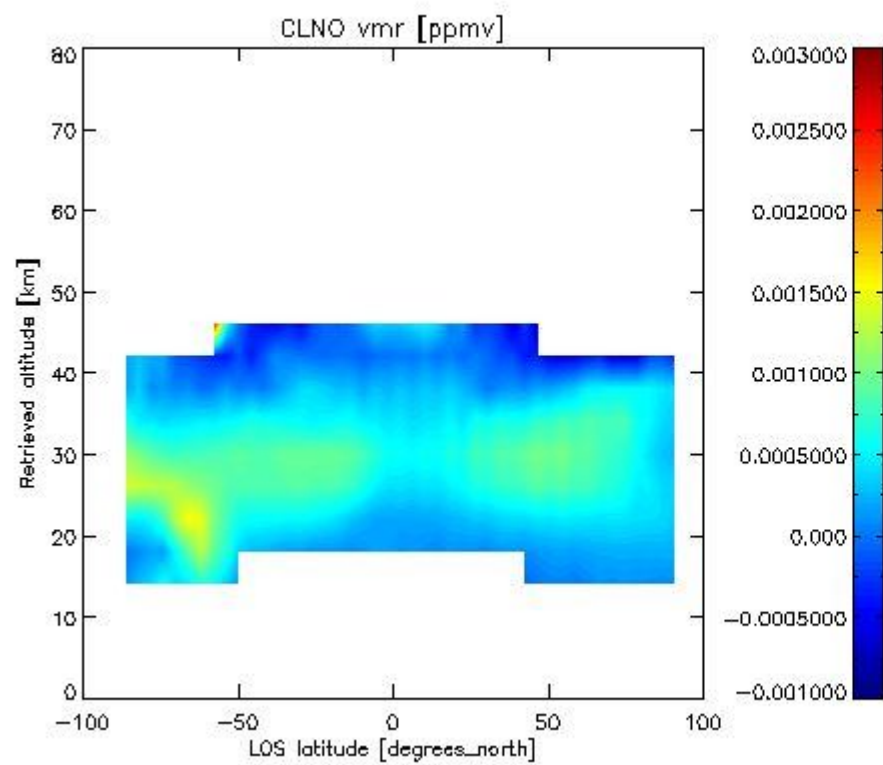
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 6 km.



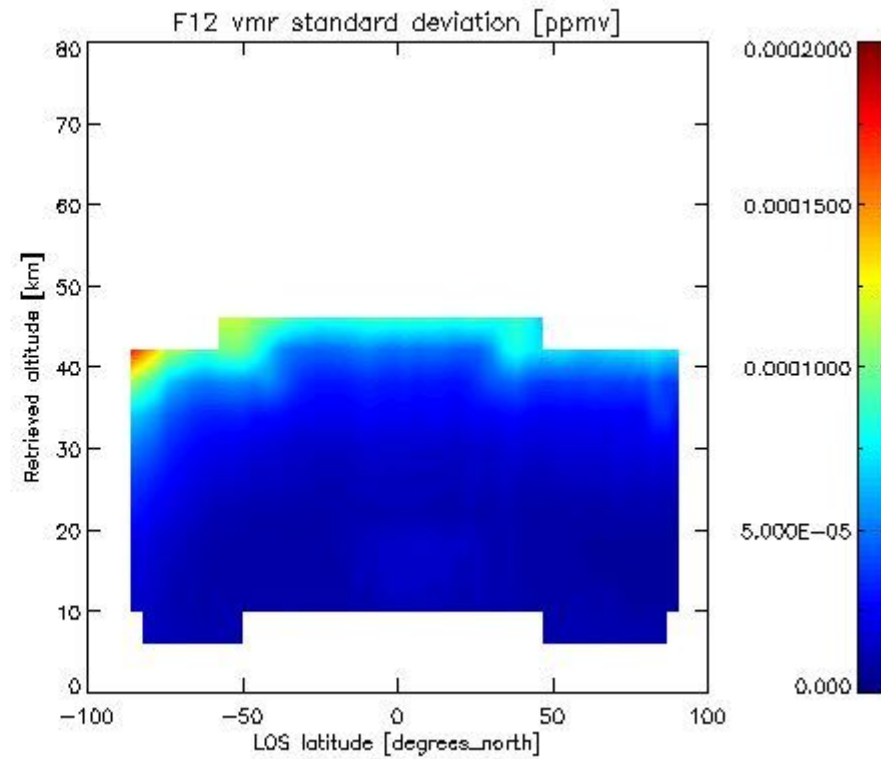
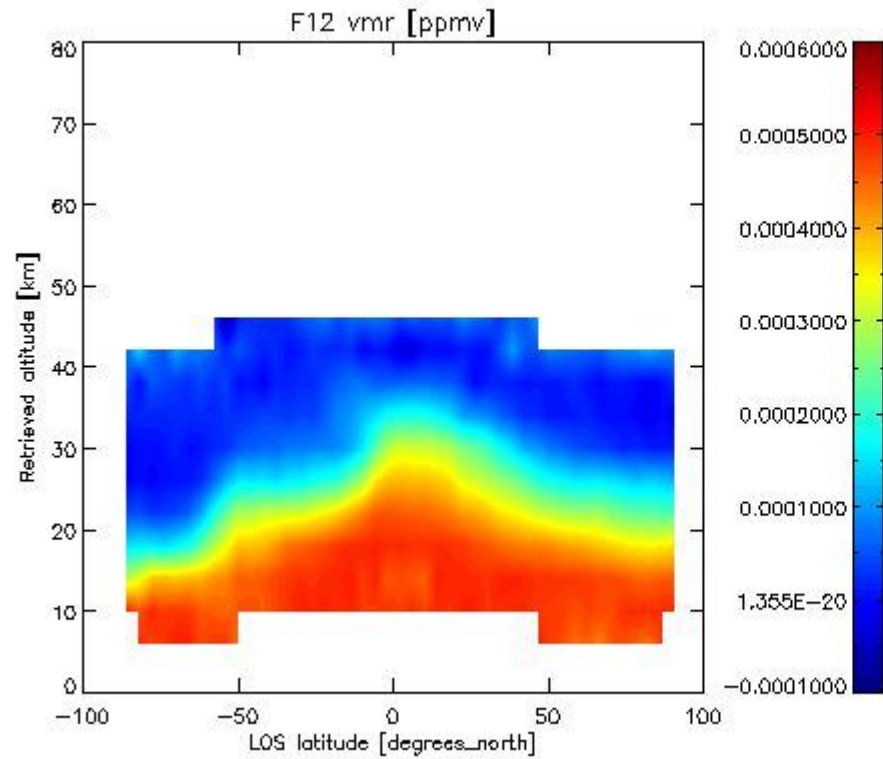
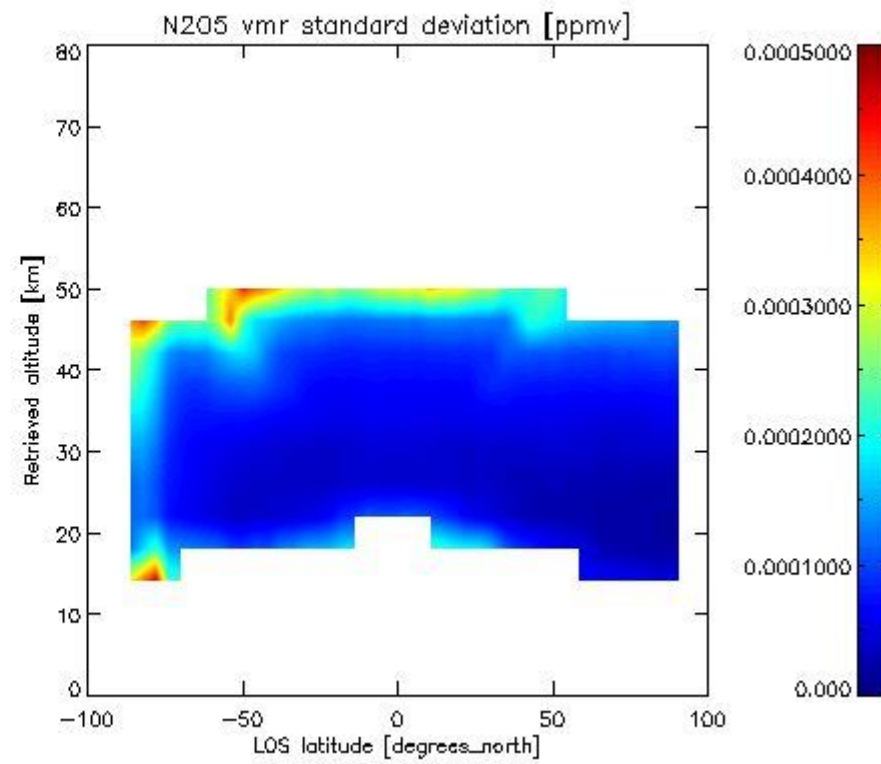
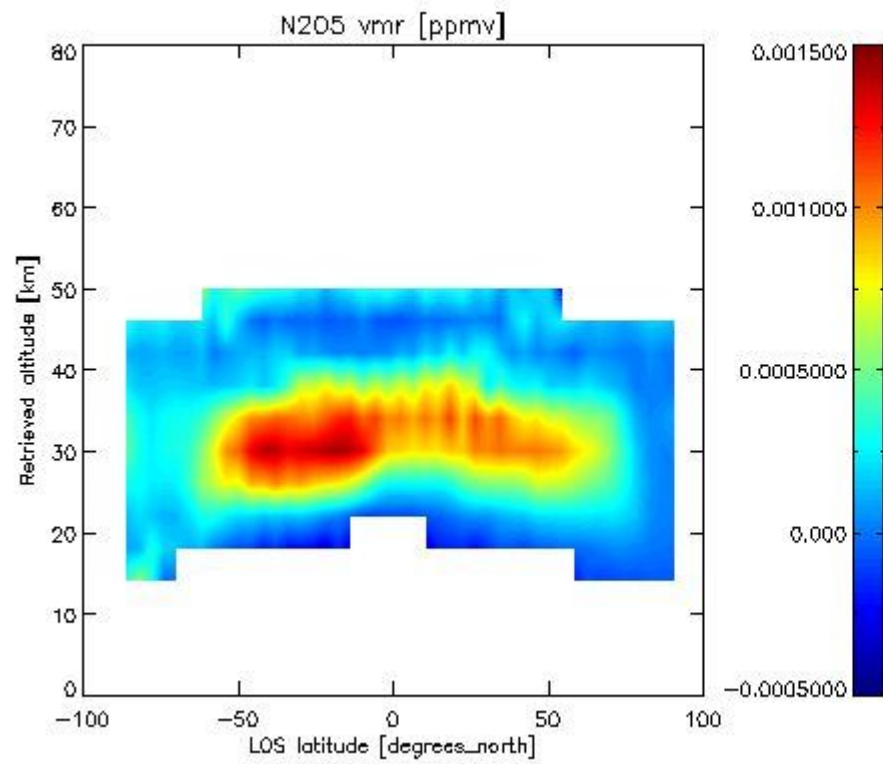
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



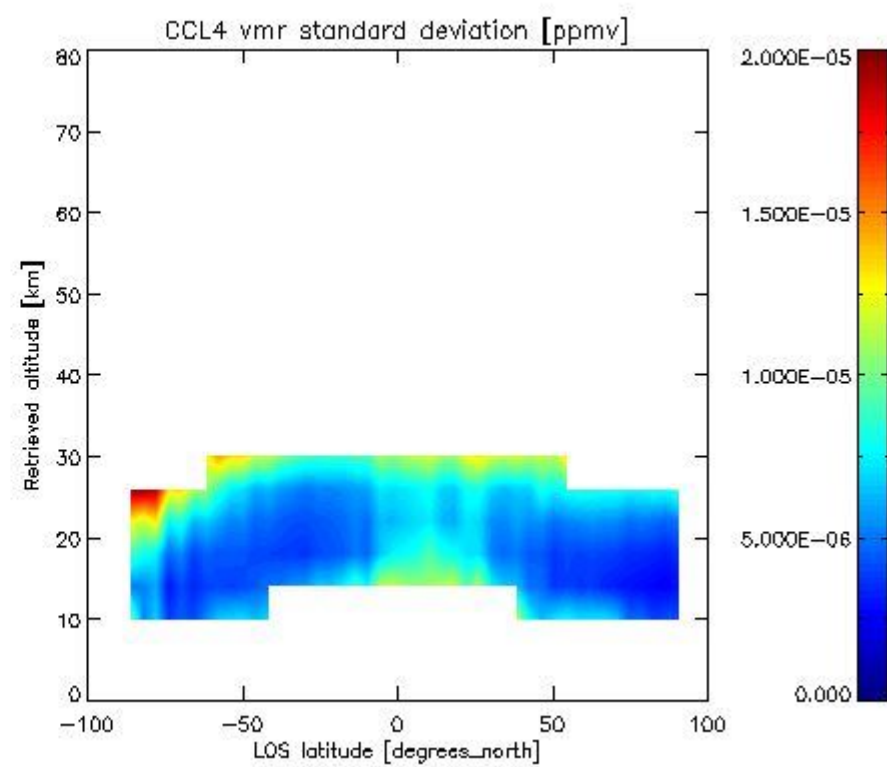
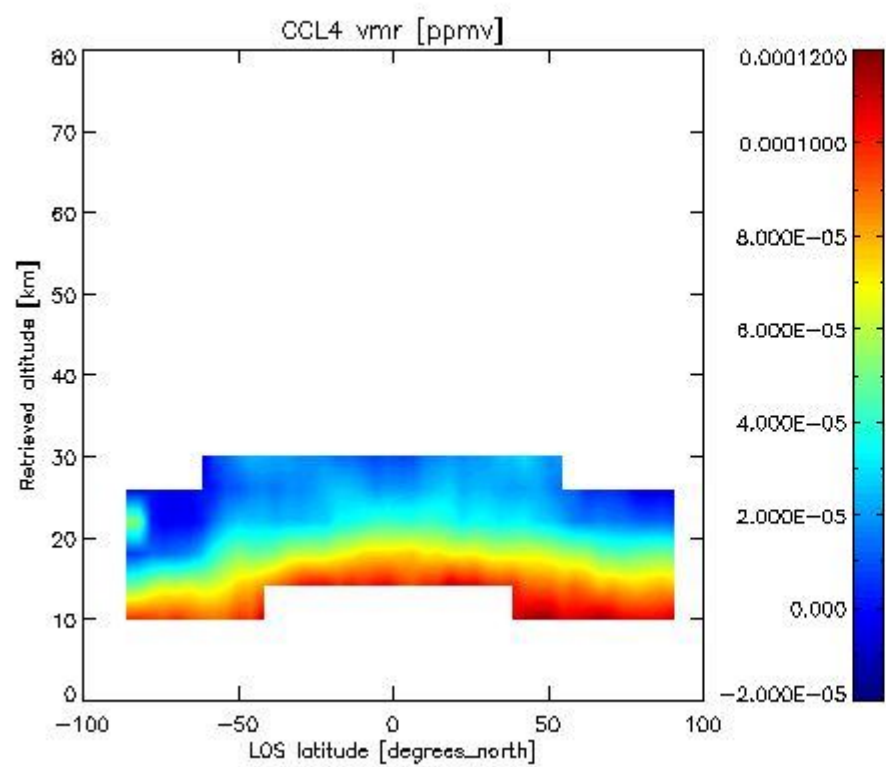
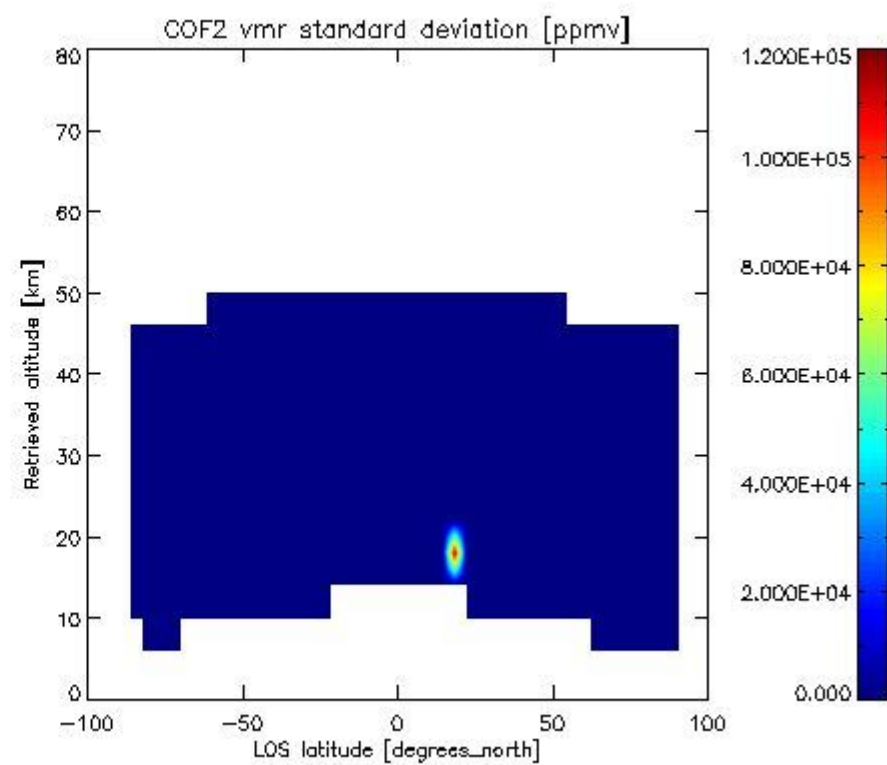
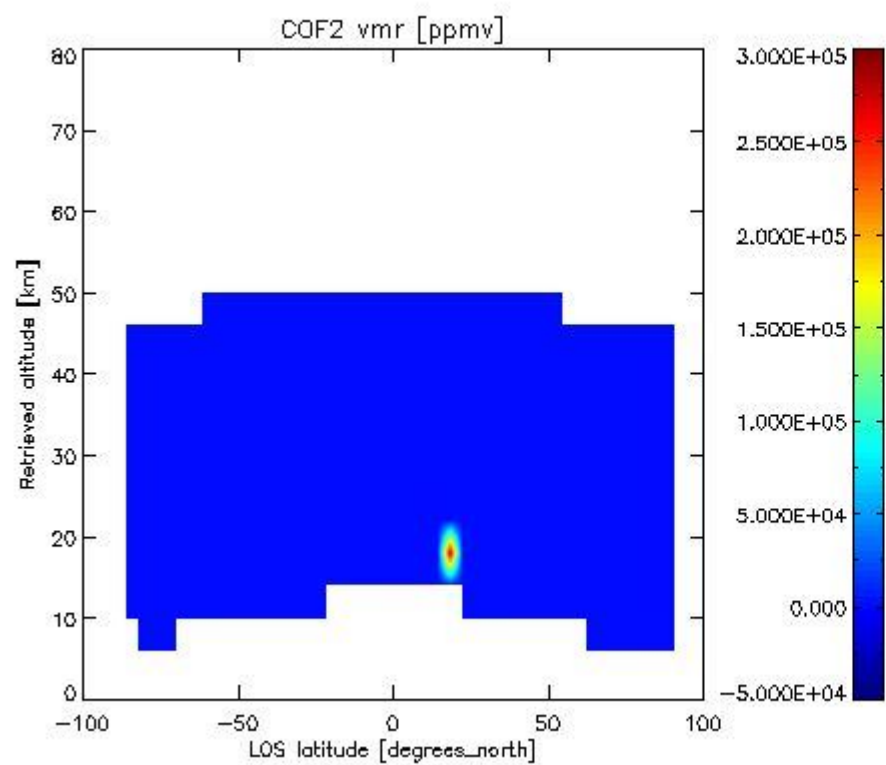
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

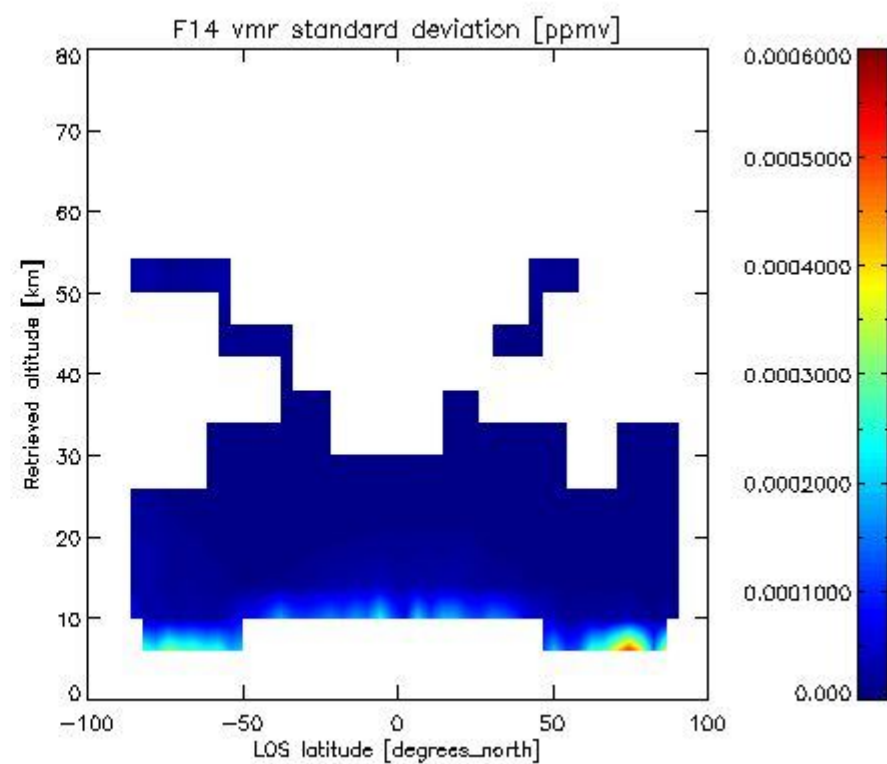
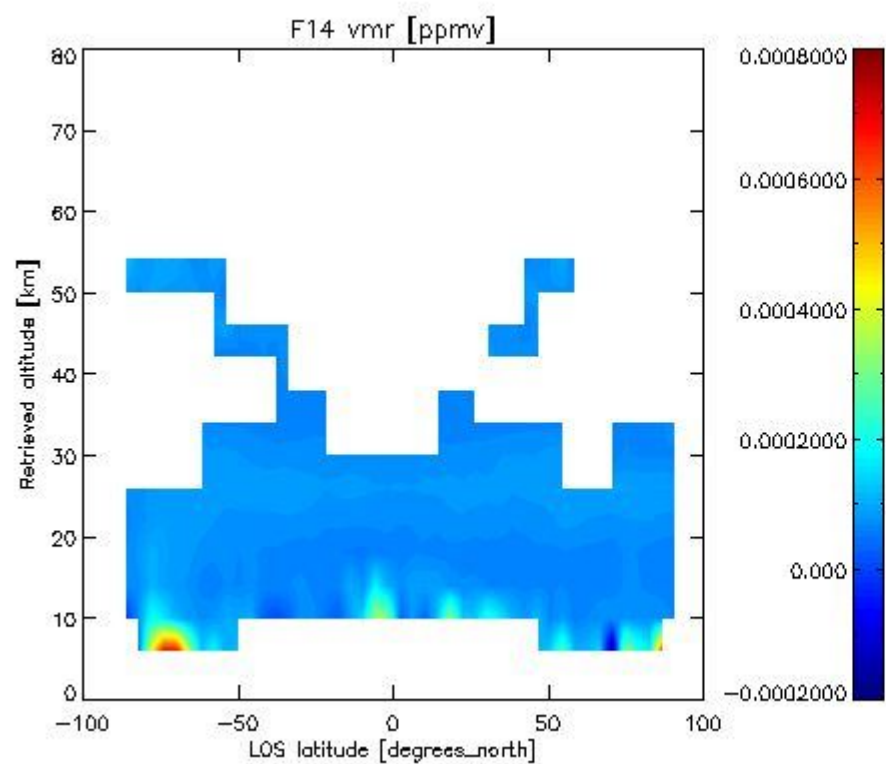
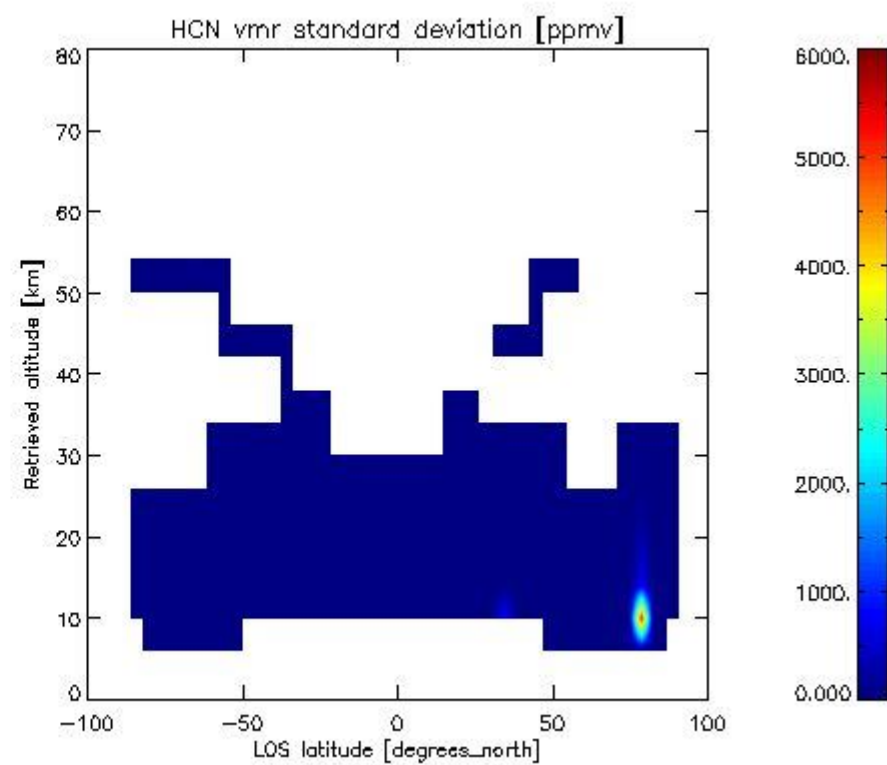
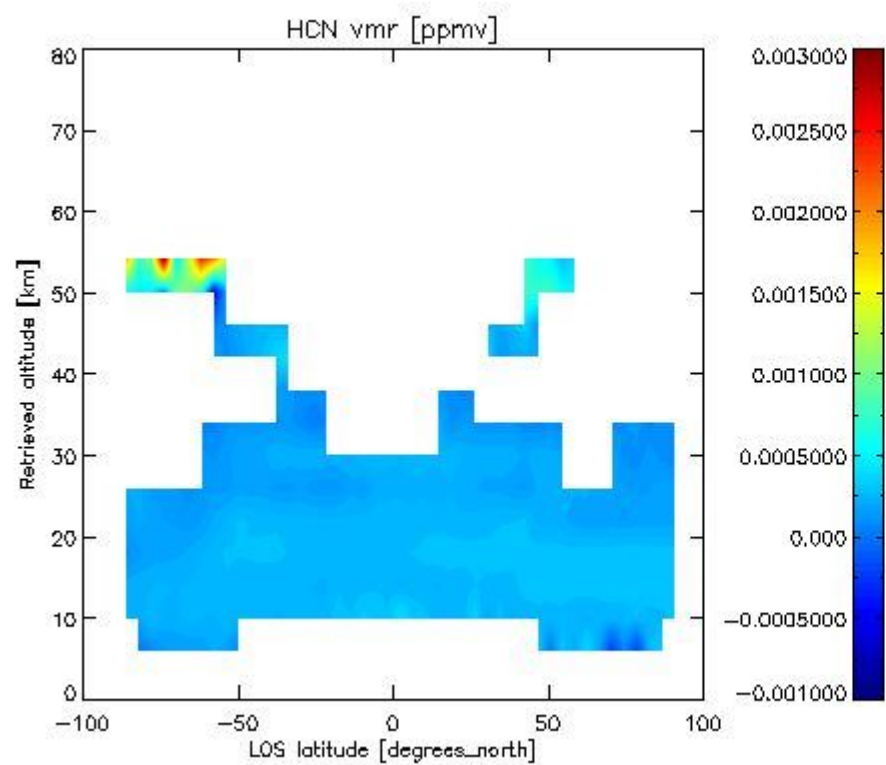


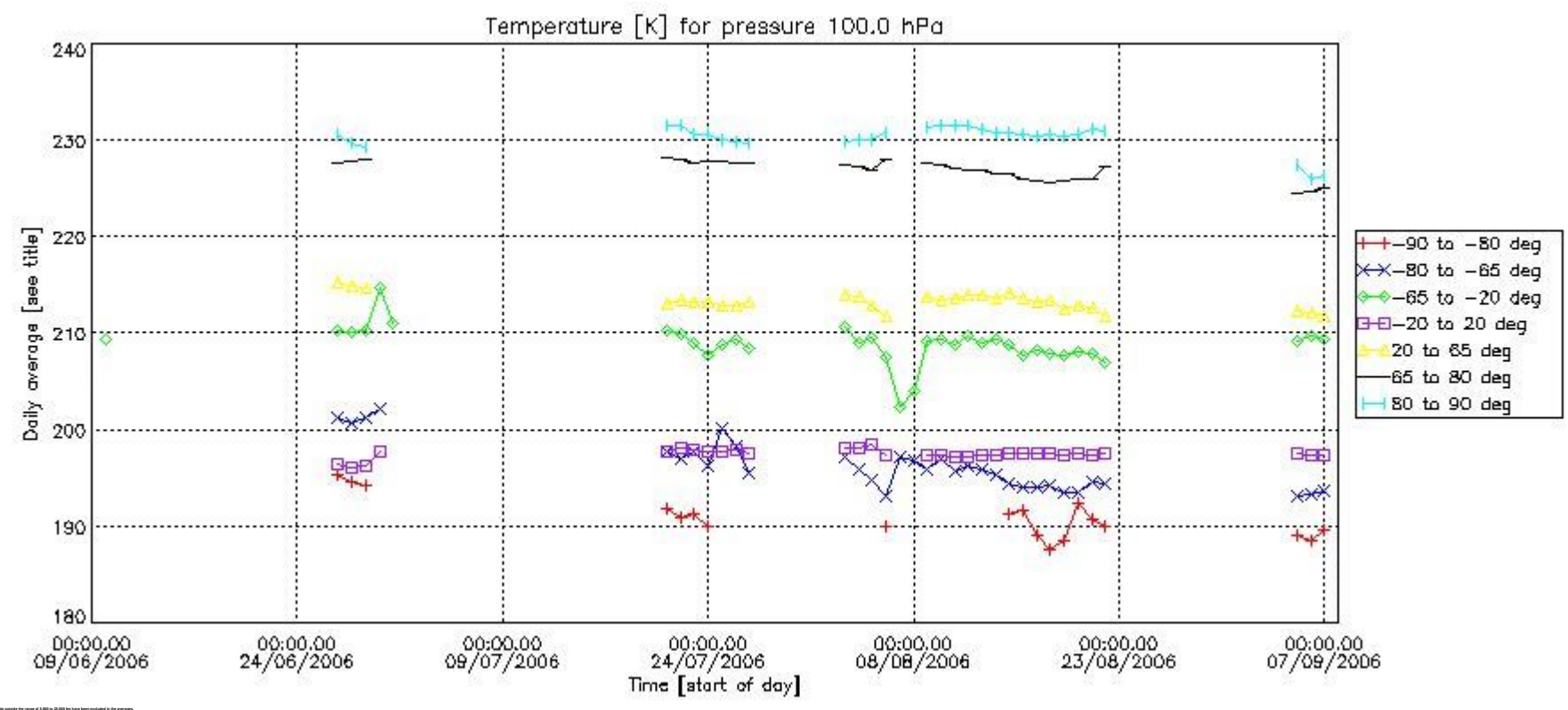
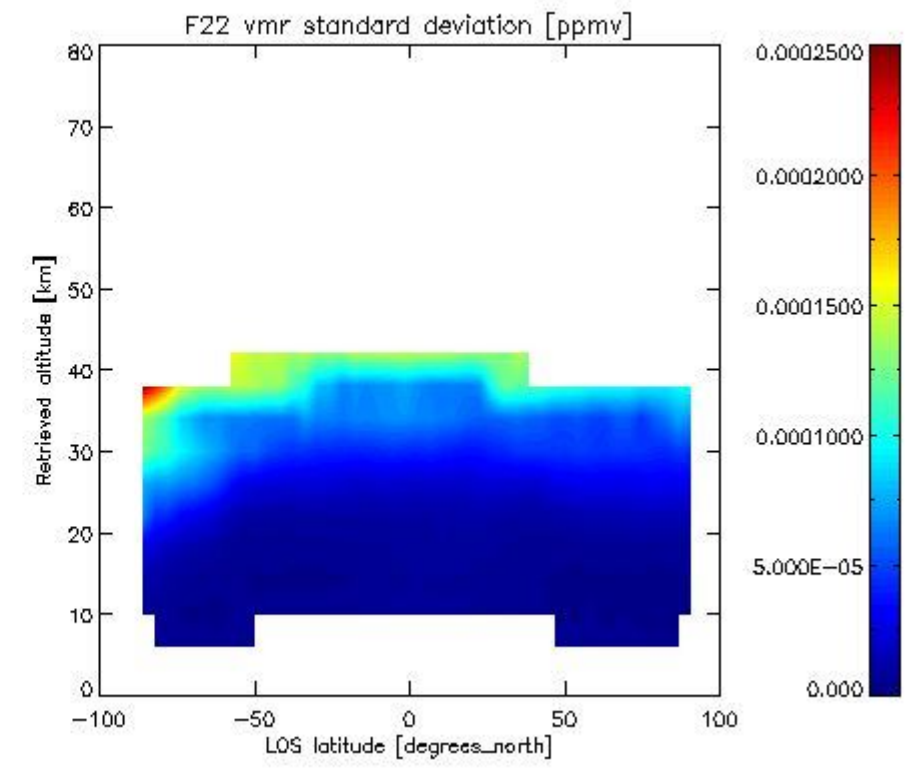
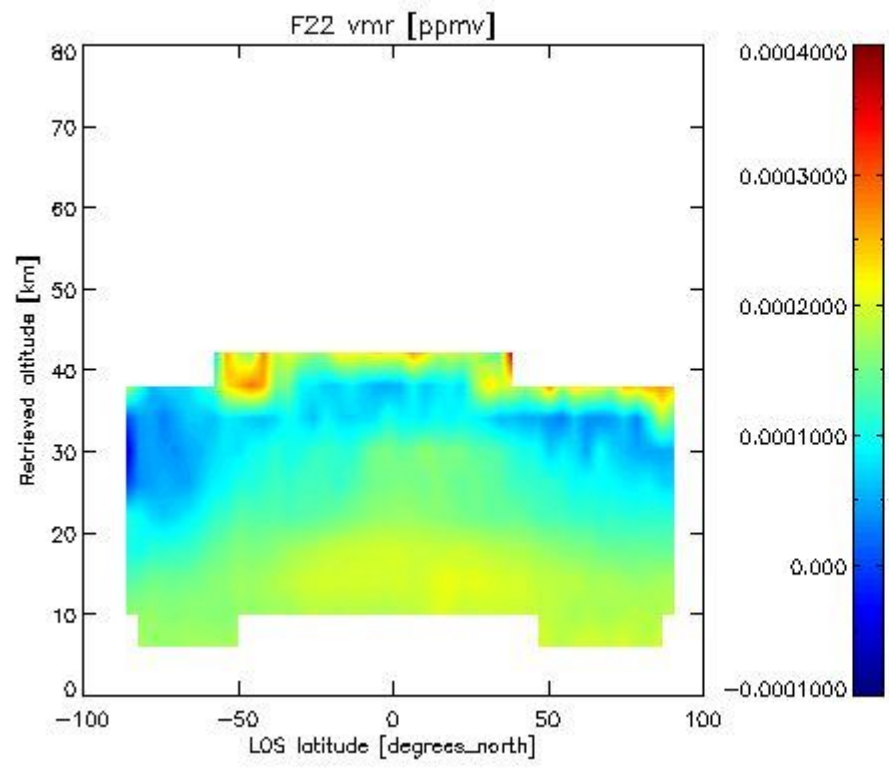
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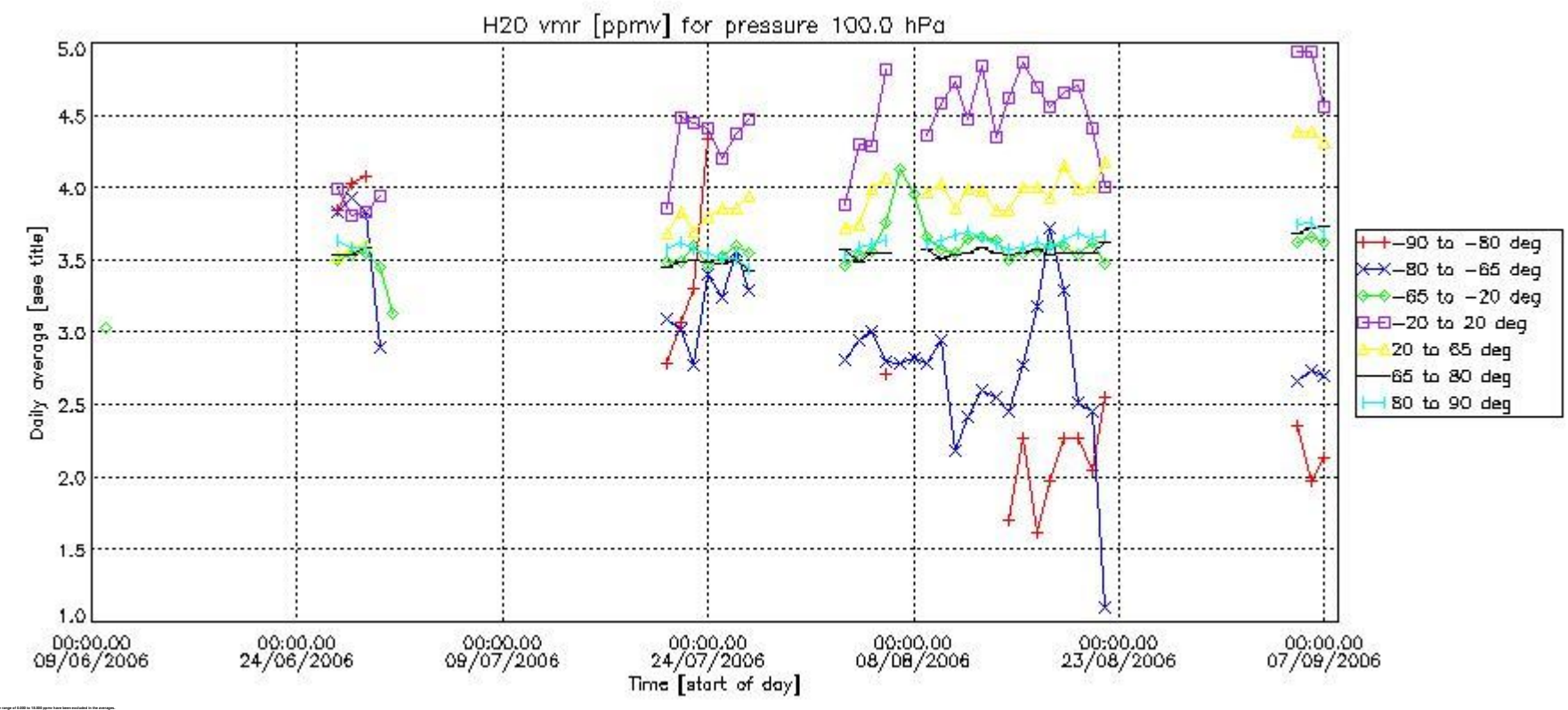
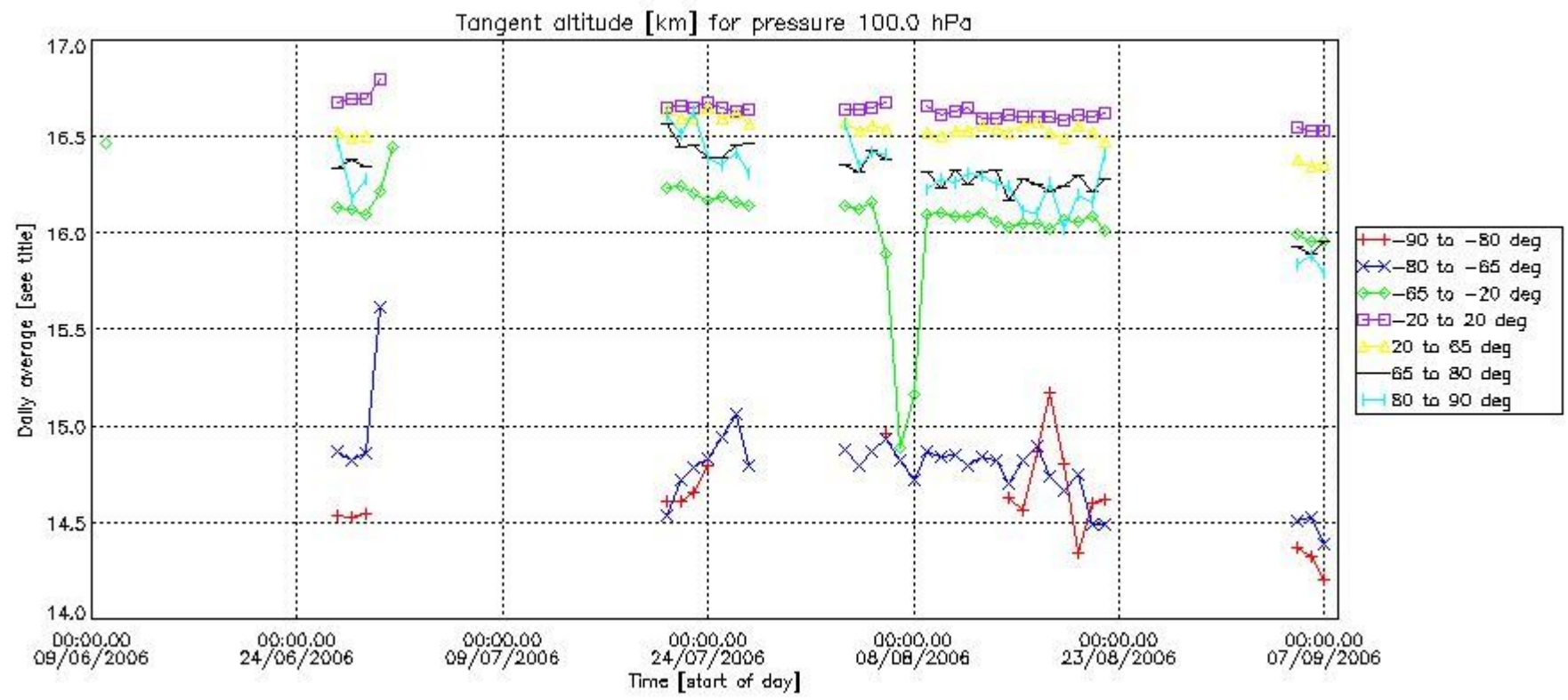


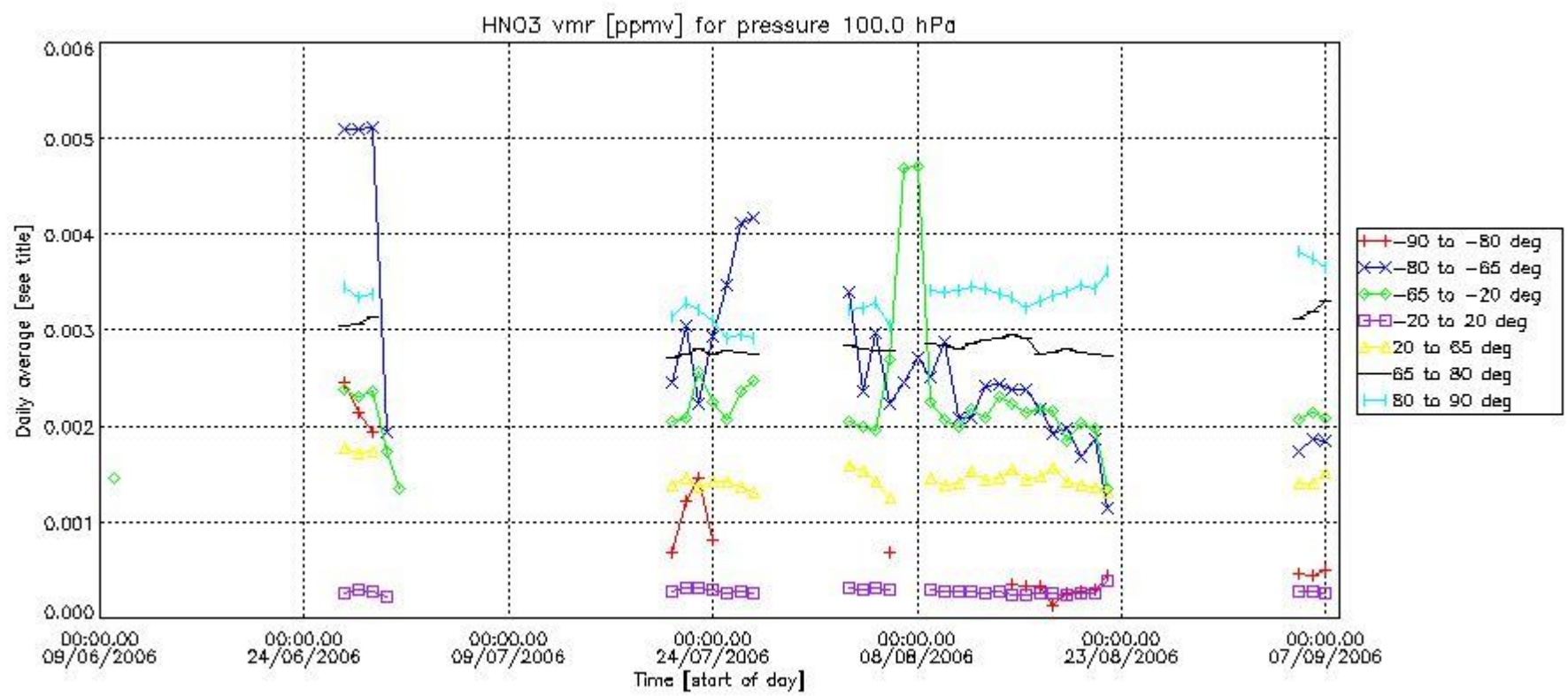
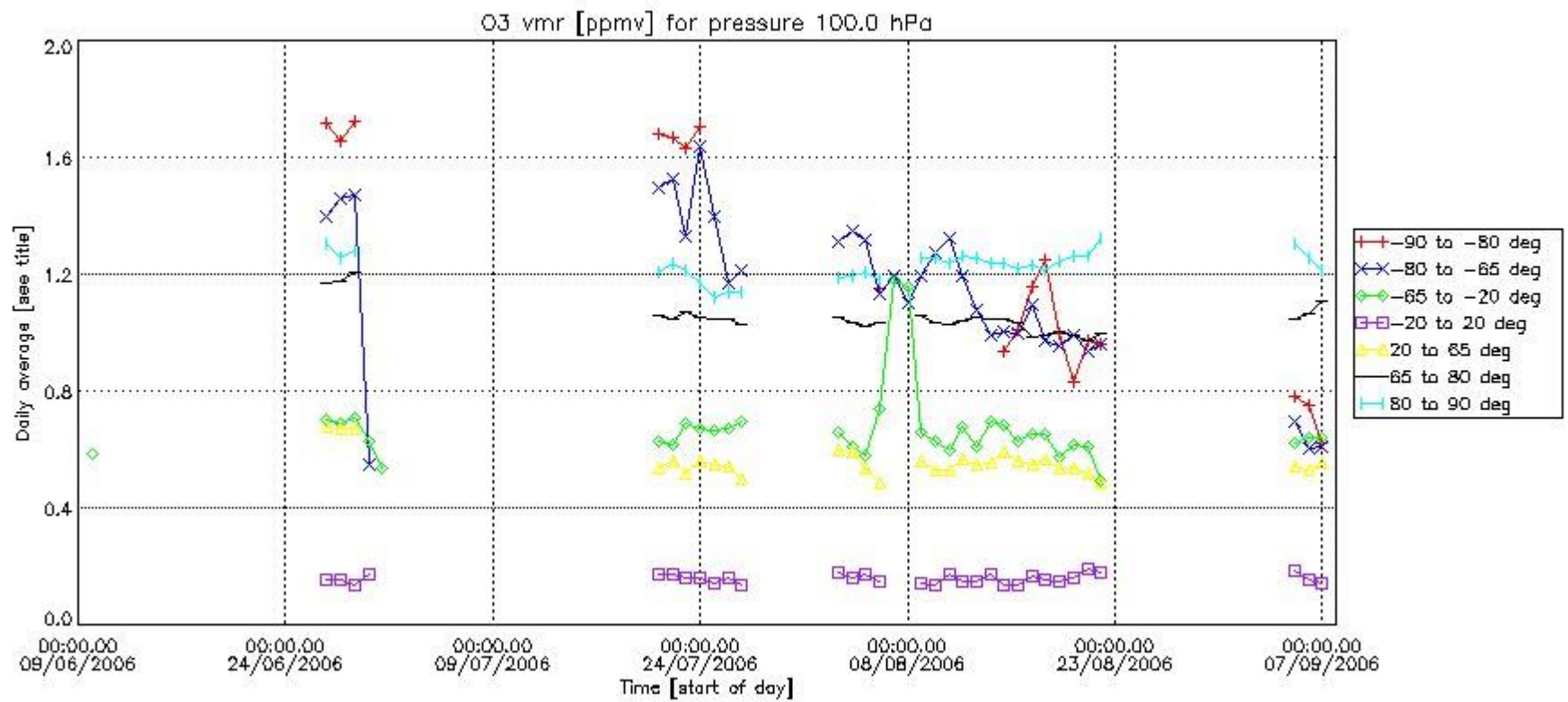


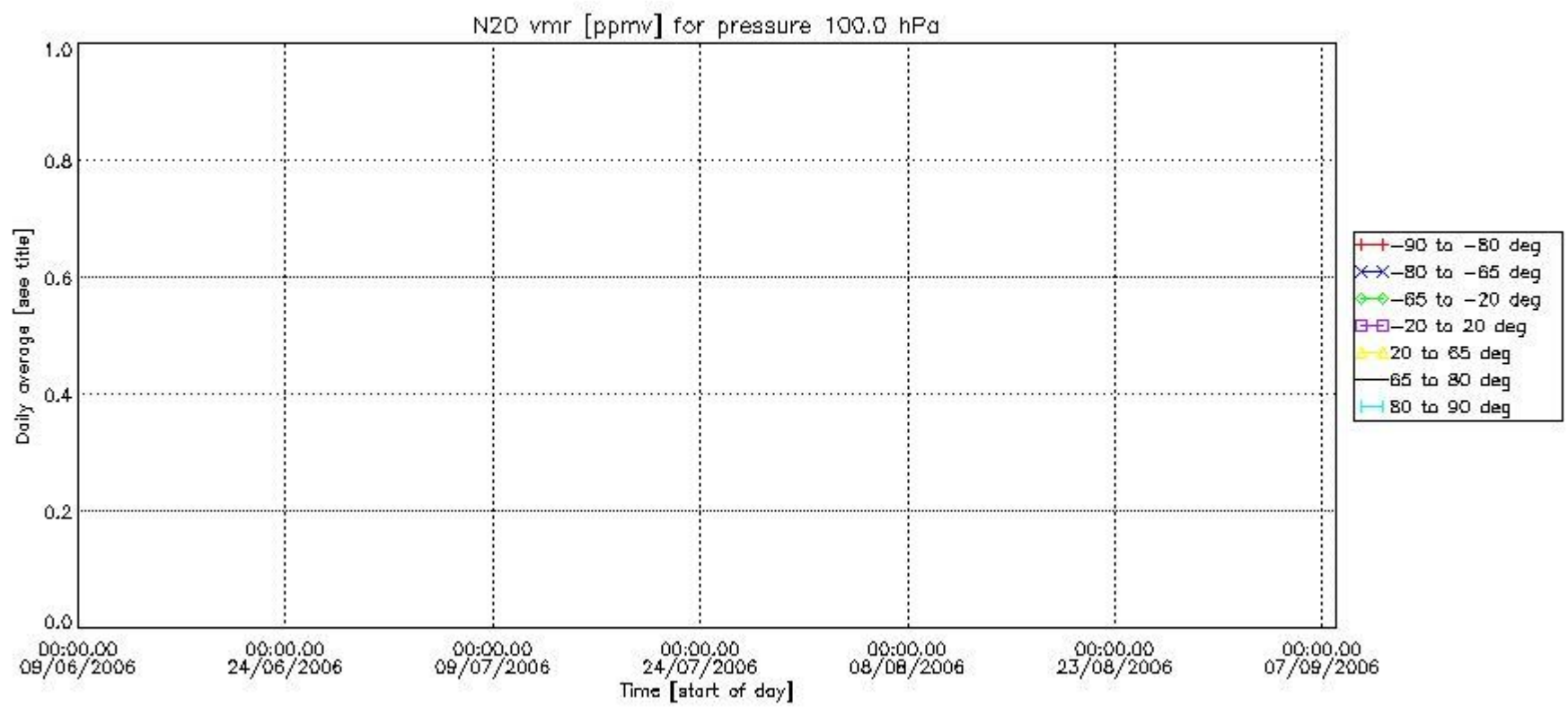
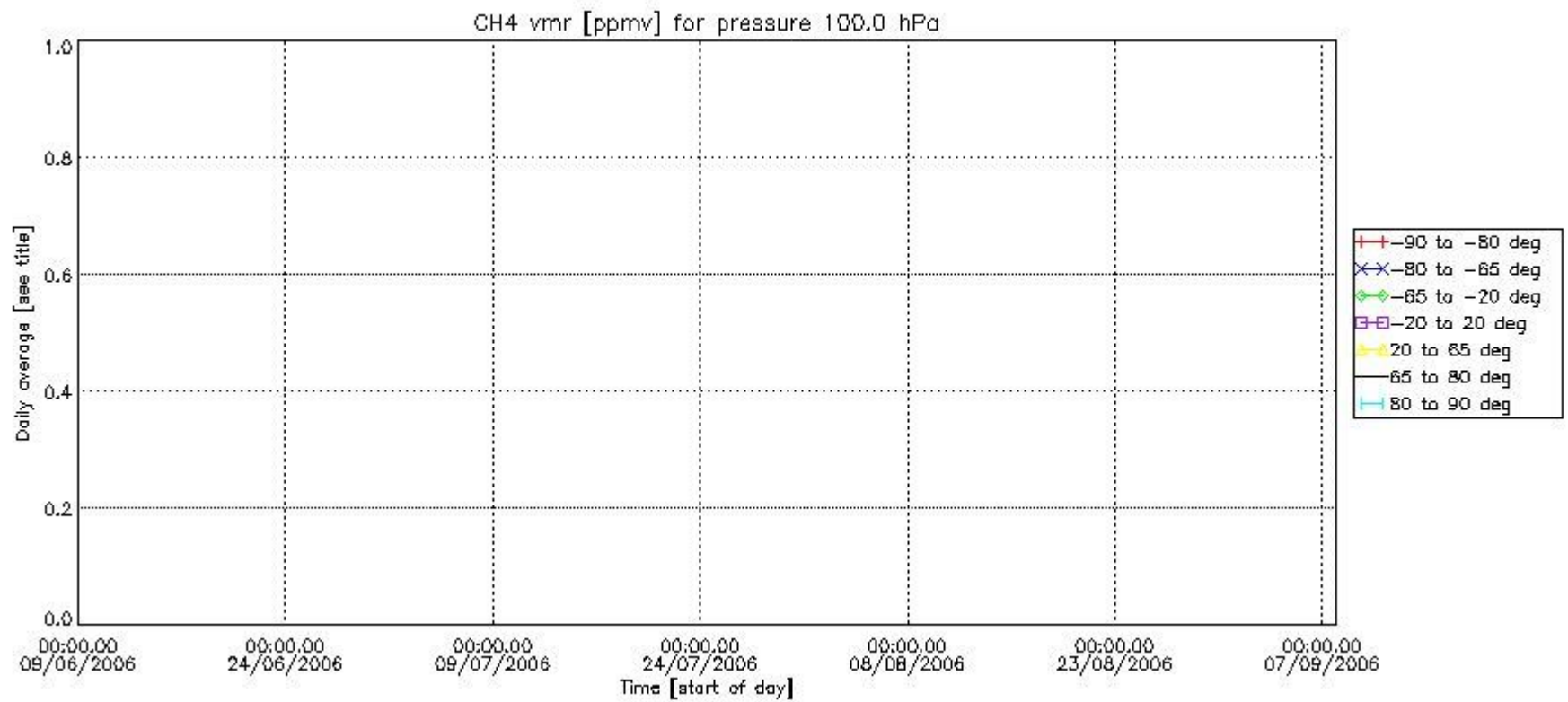




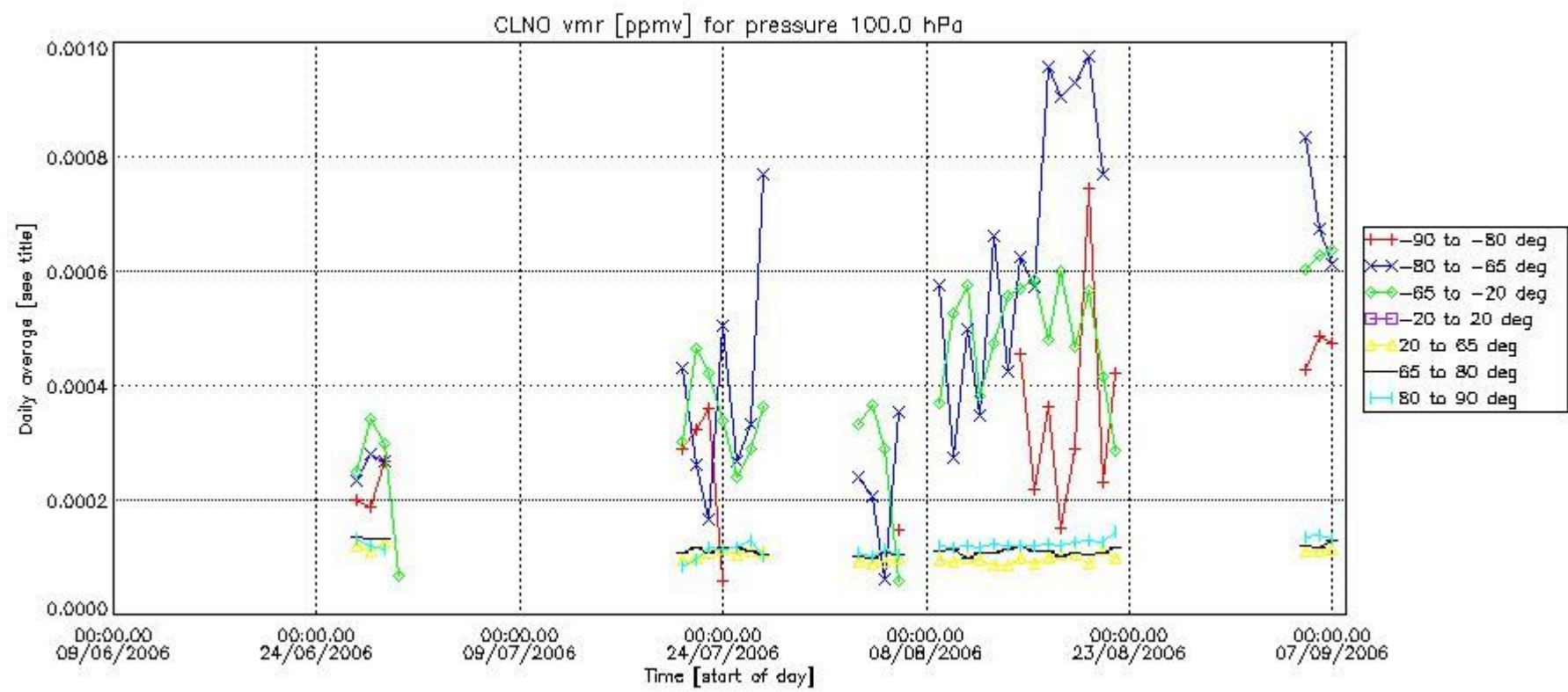
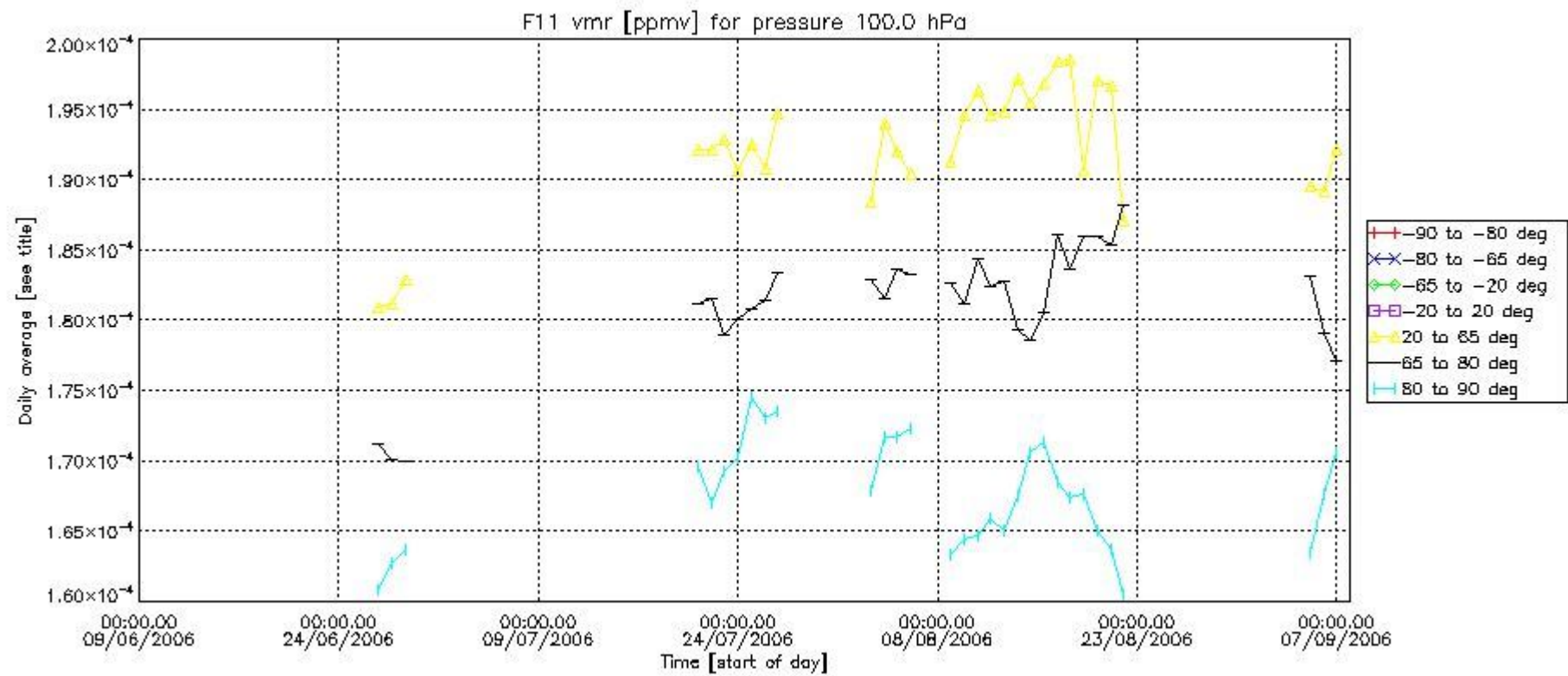


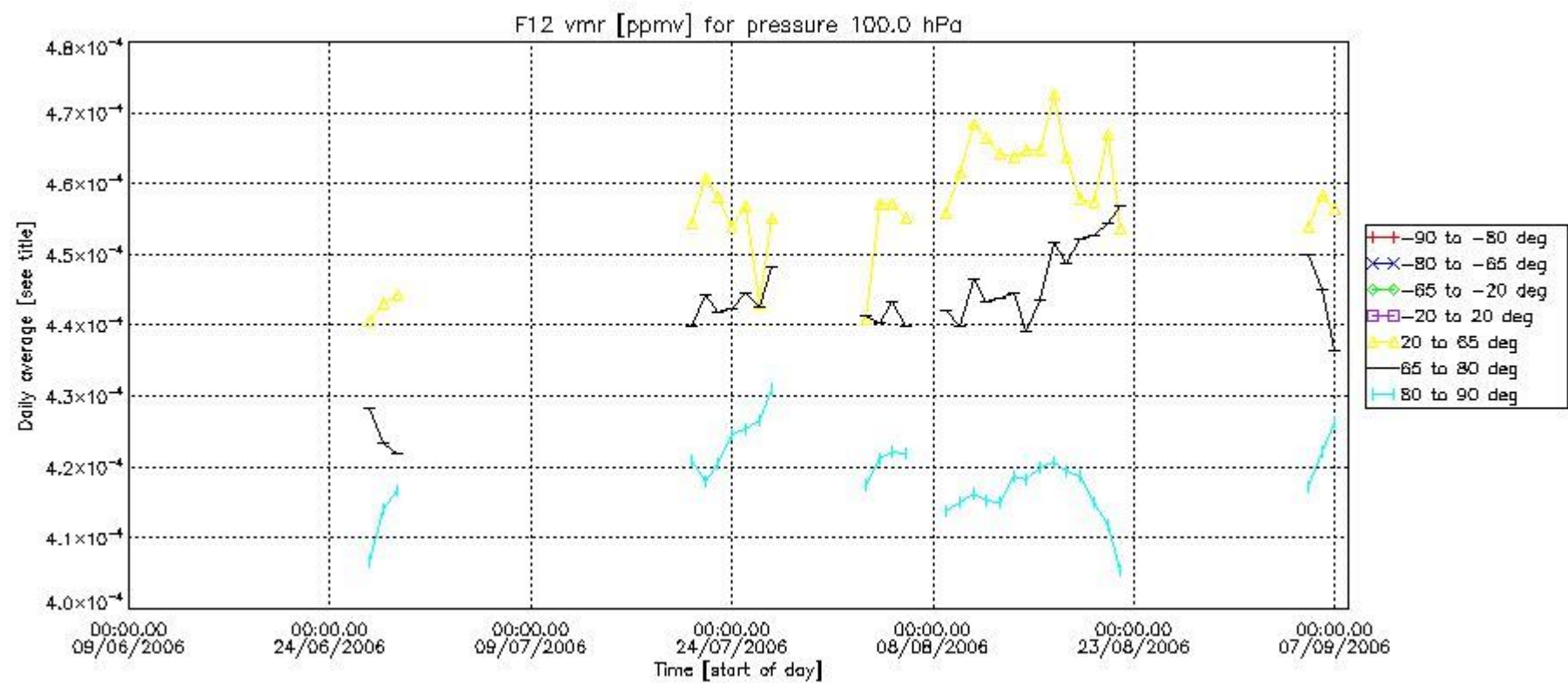
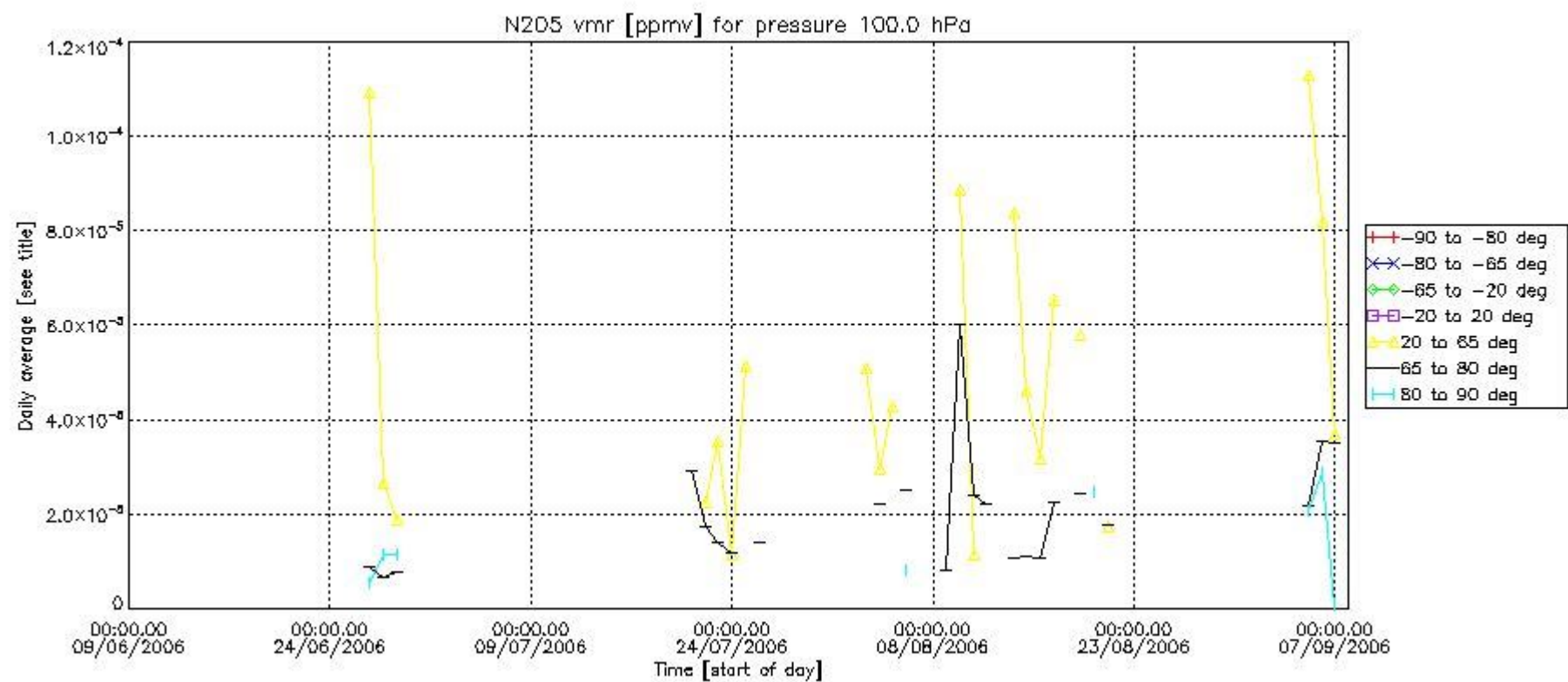


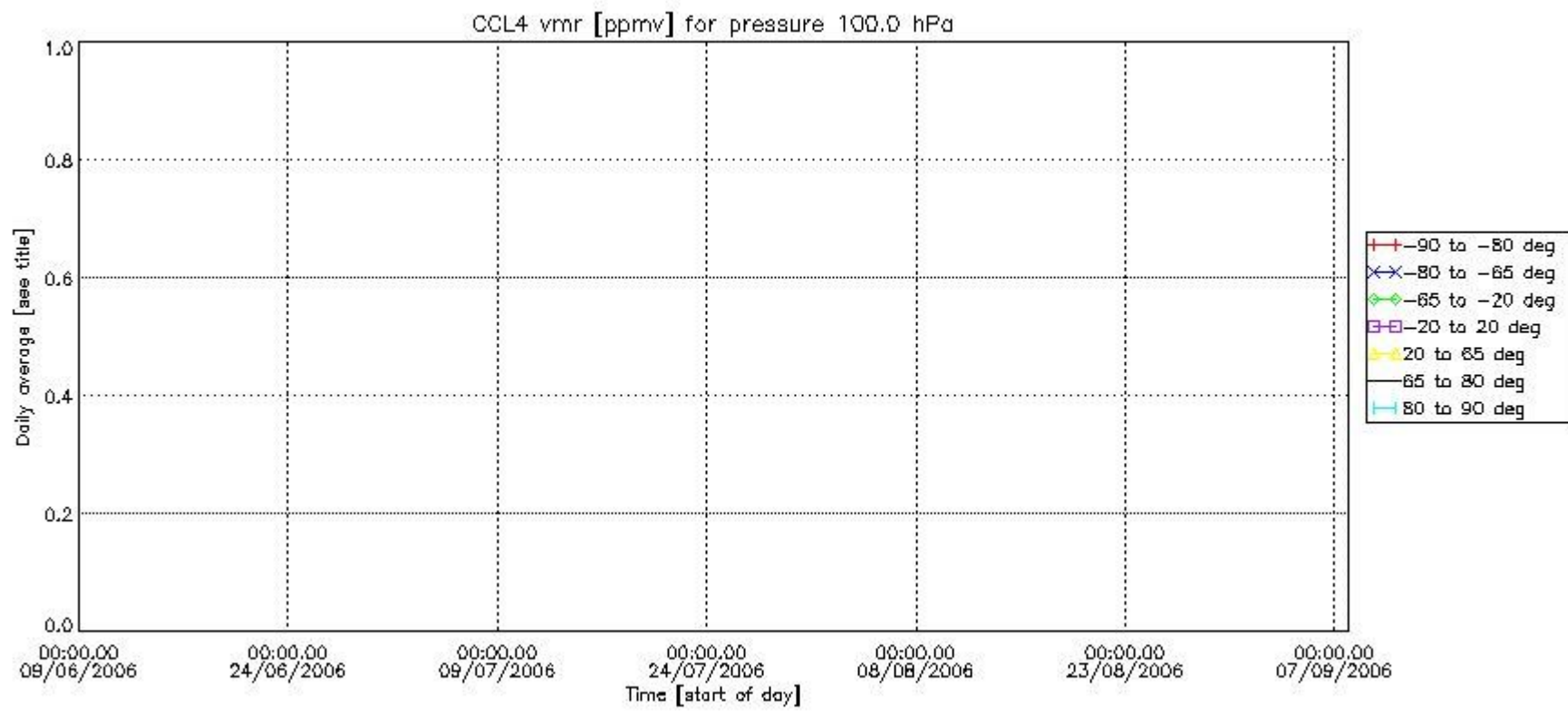
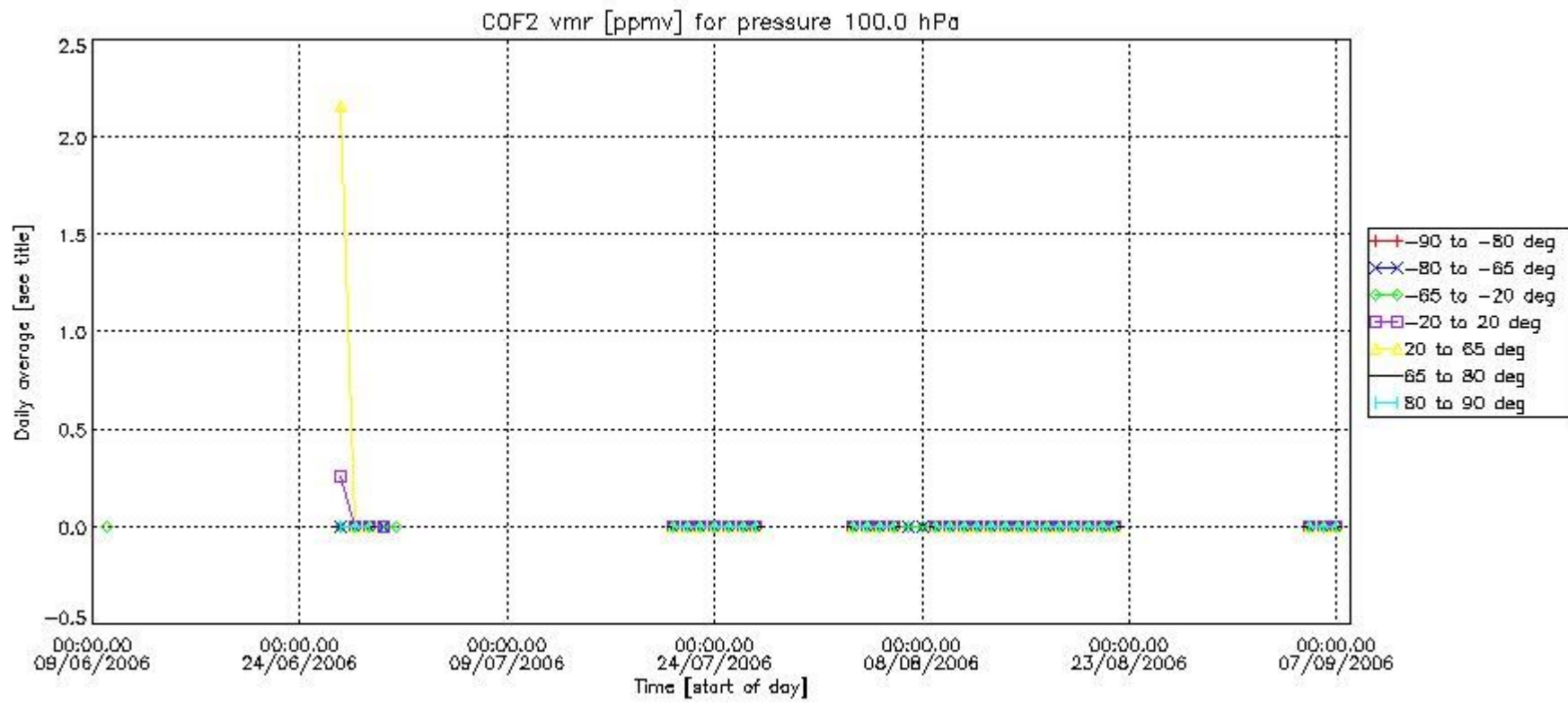




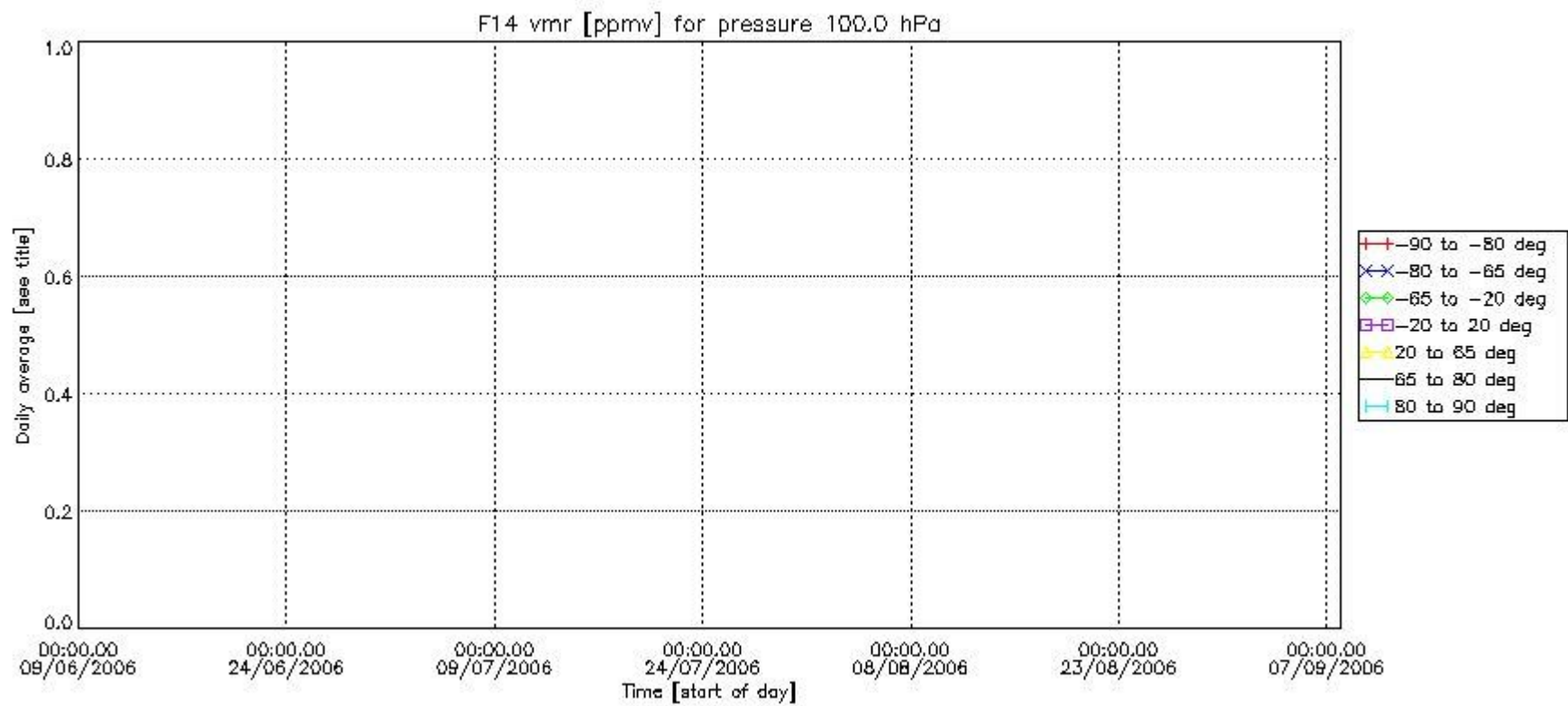
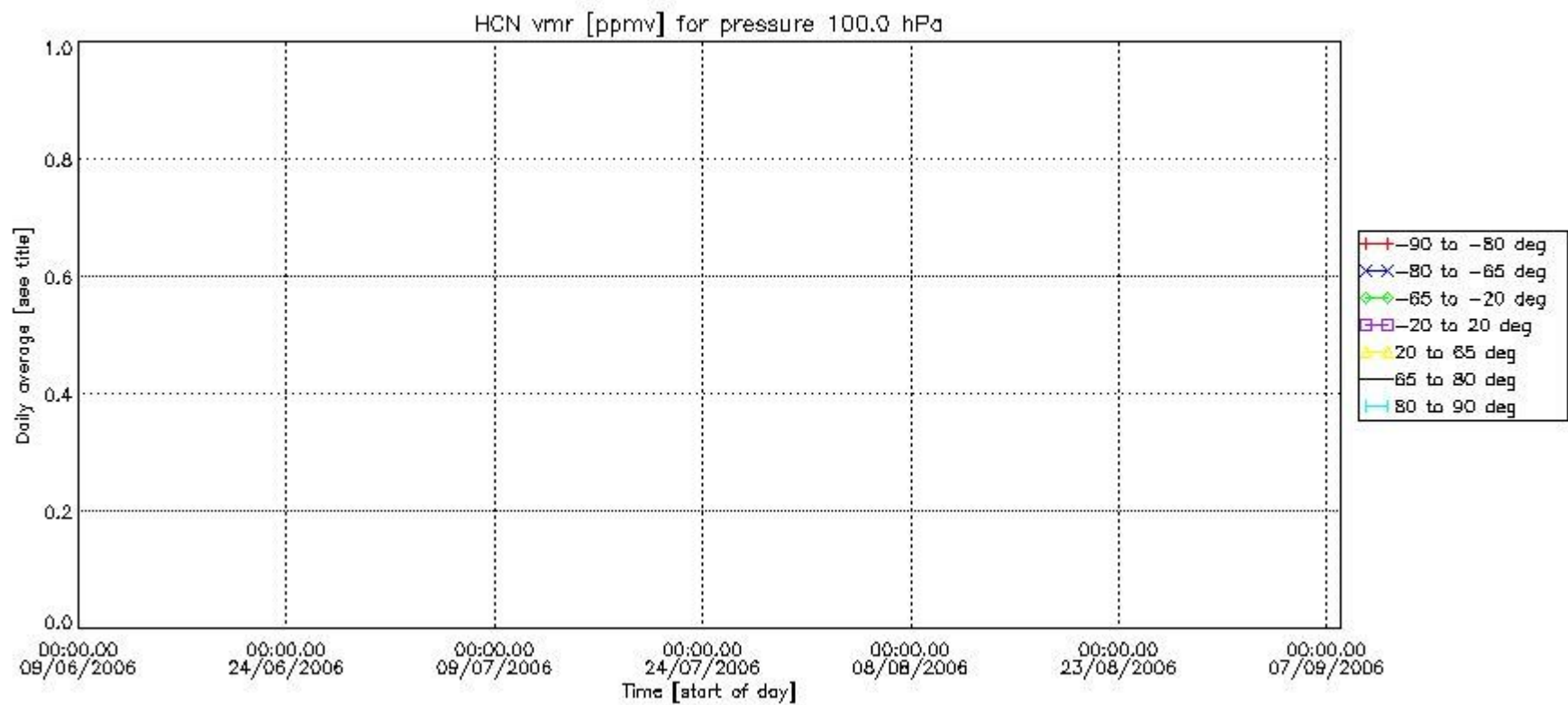


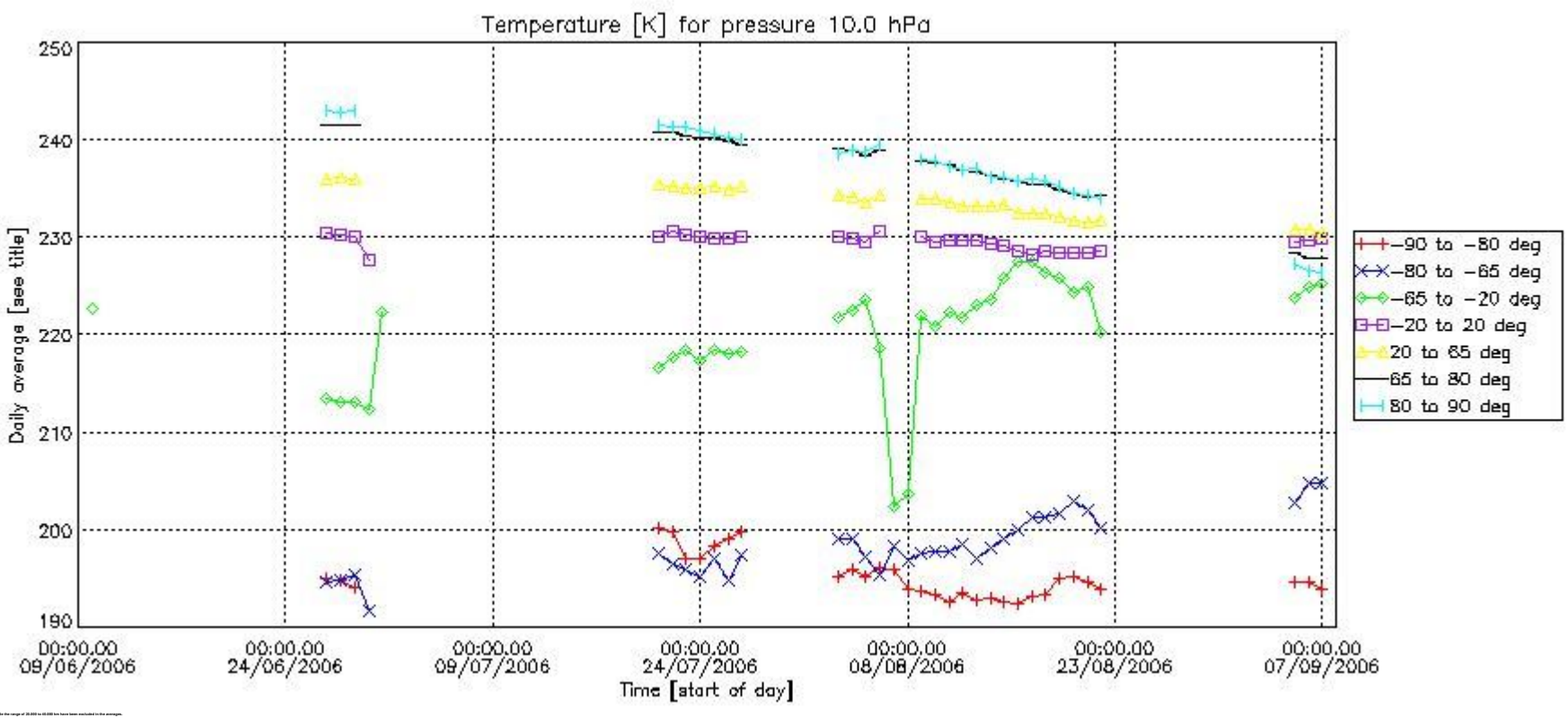
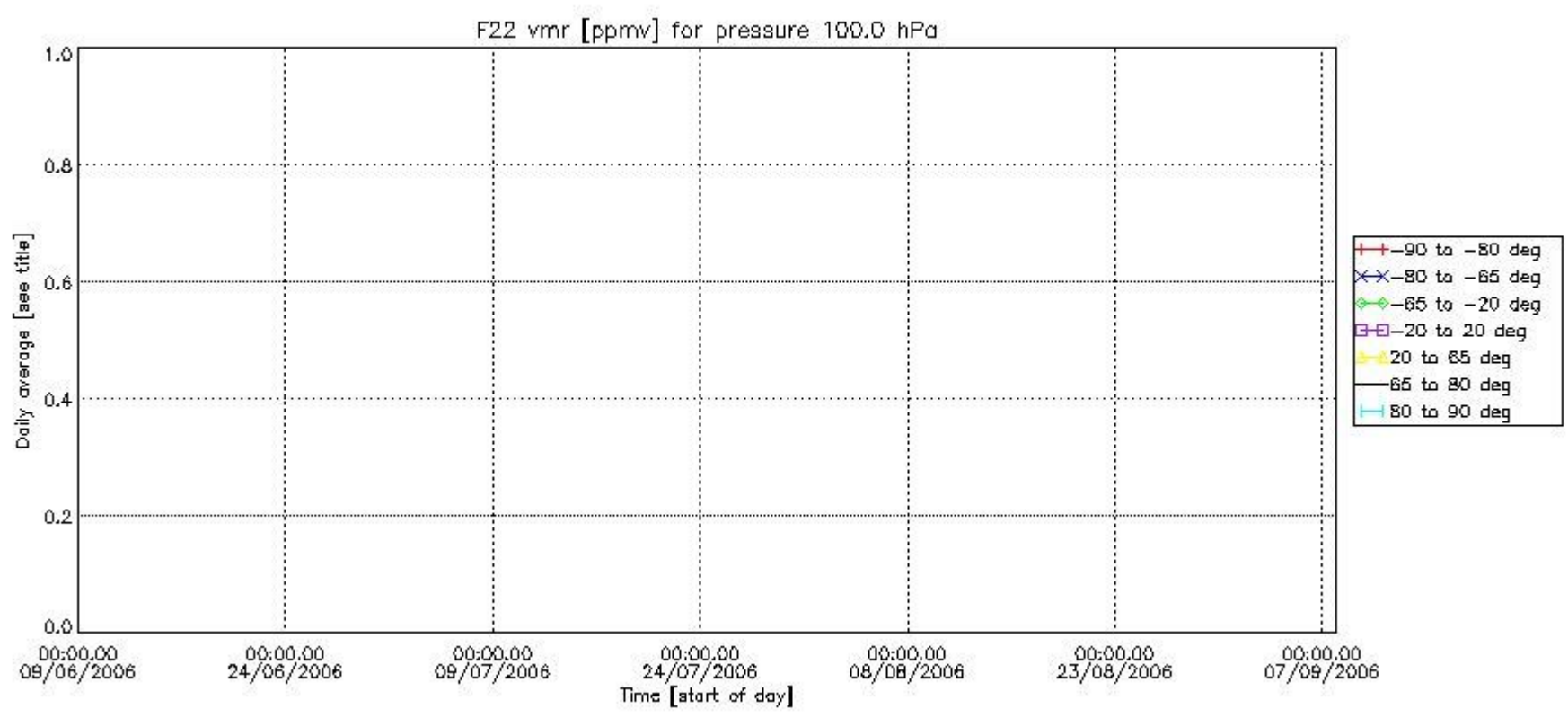


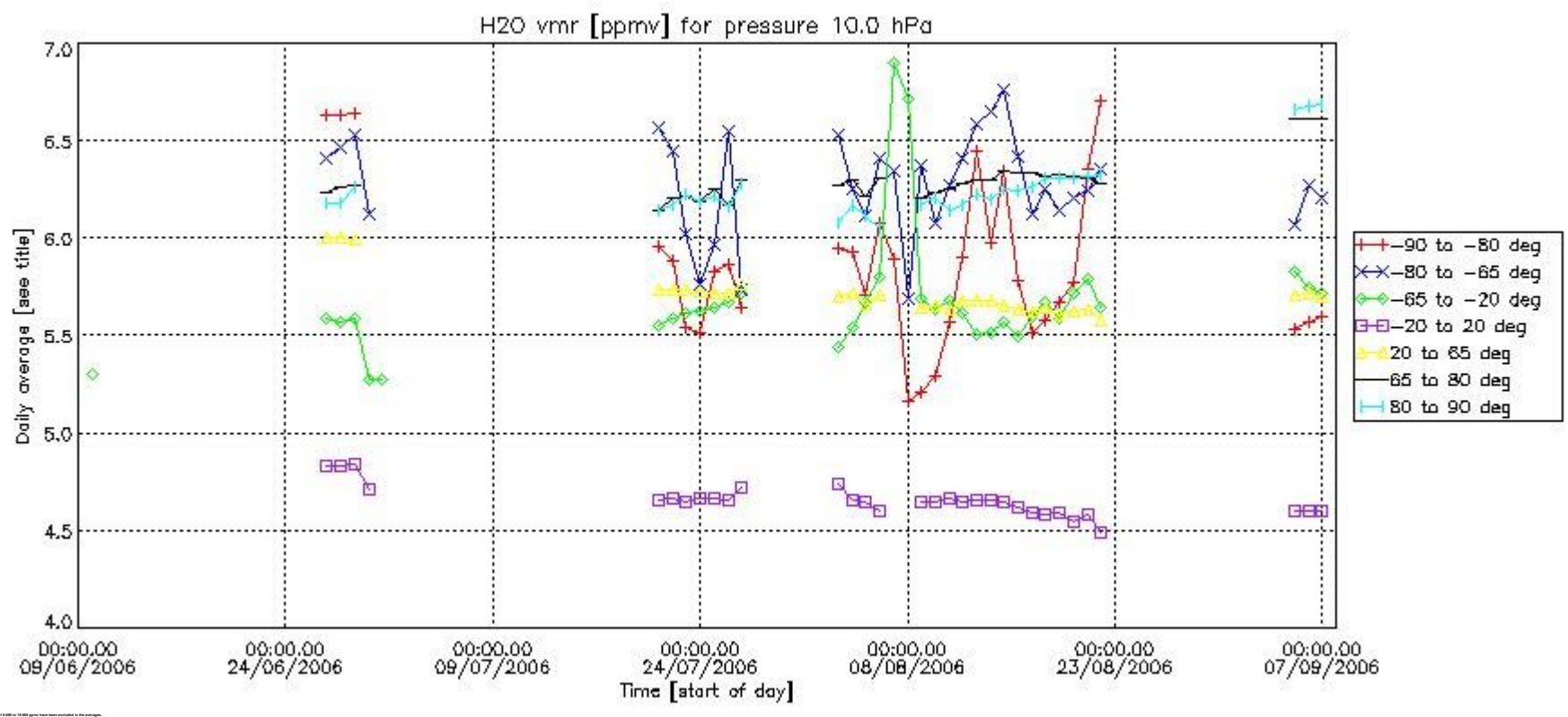
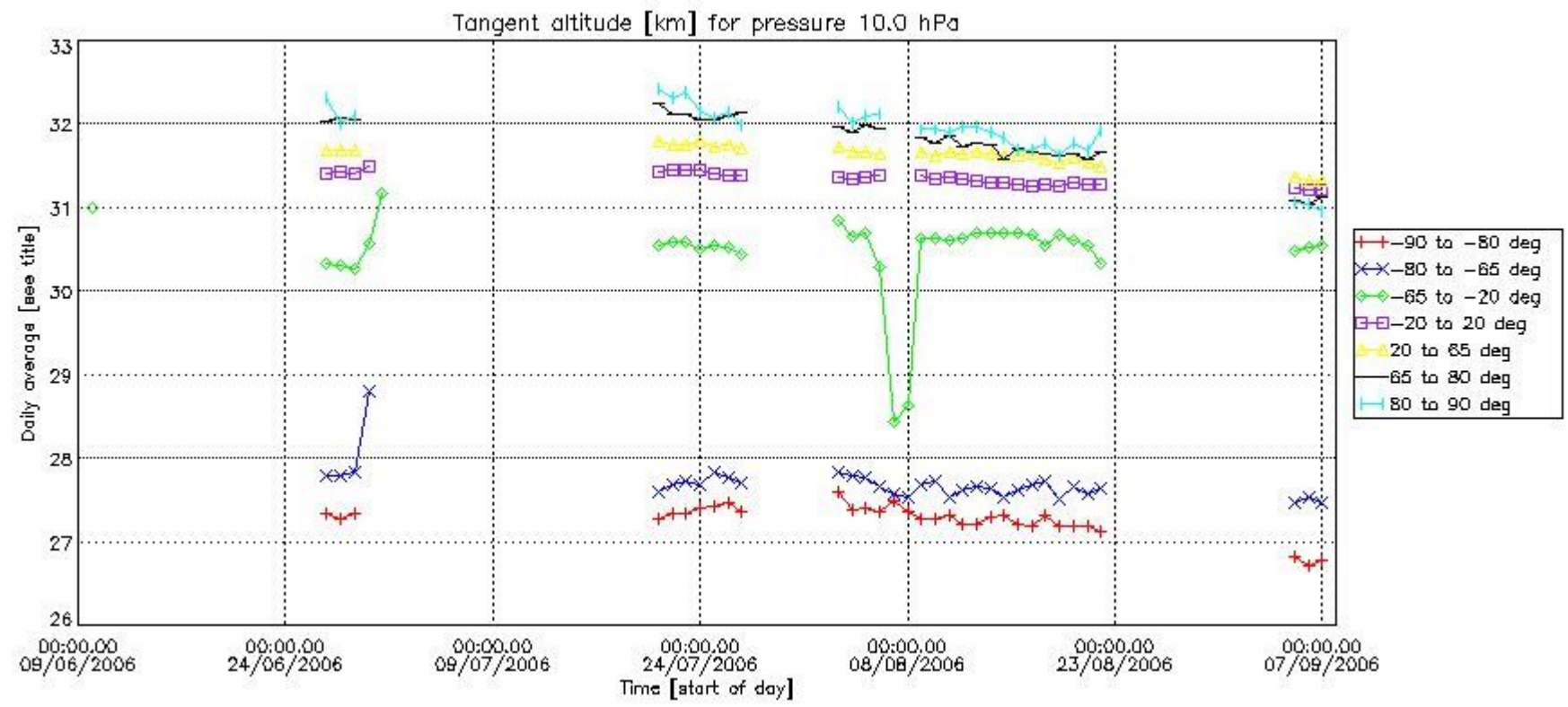




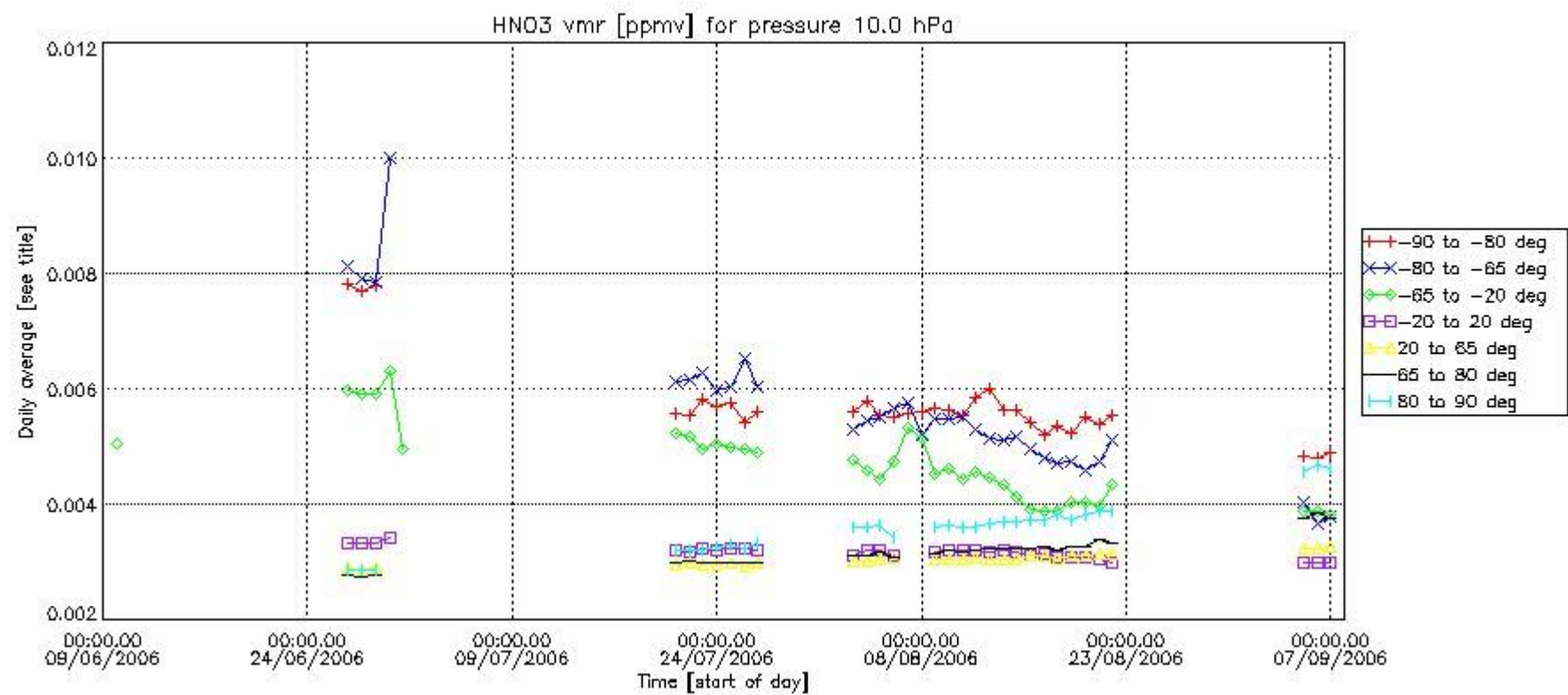
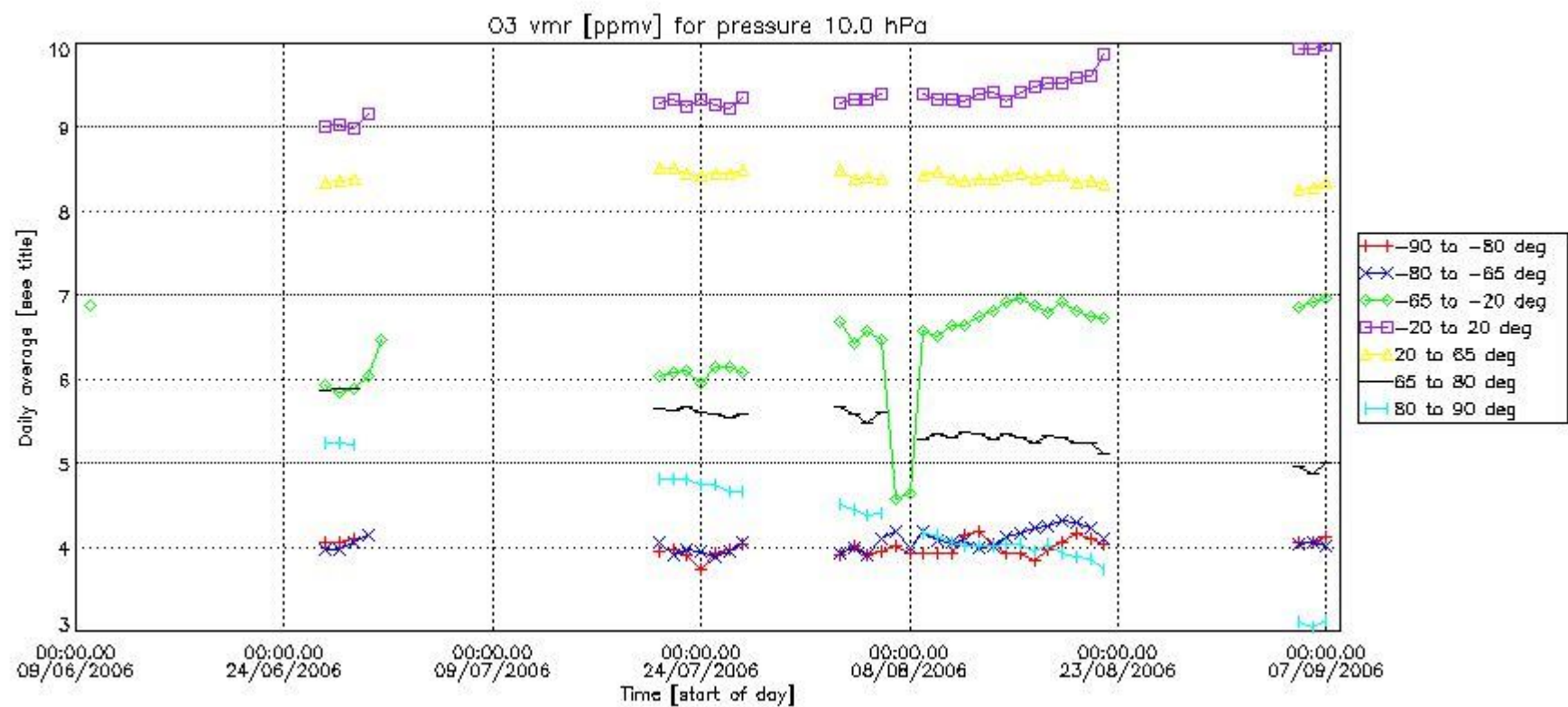


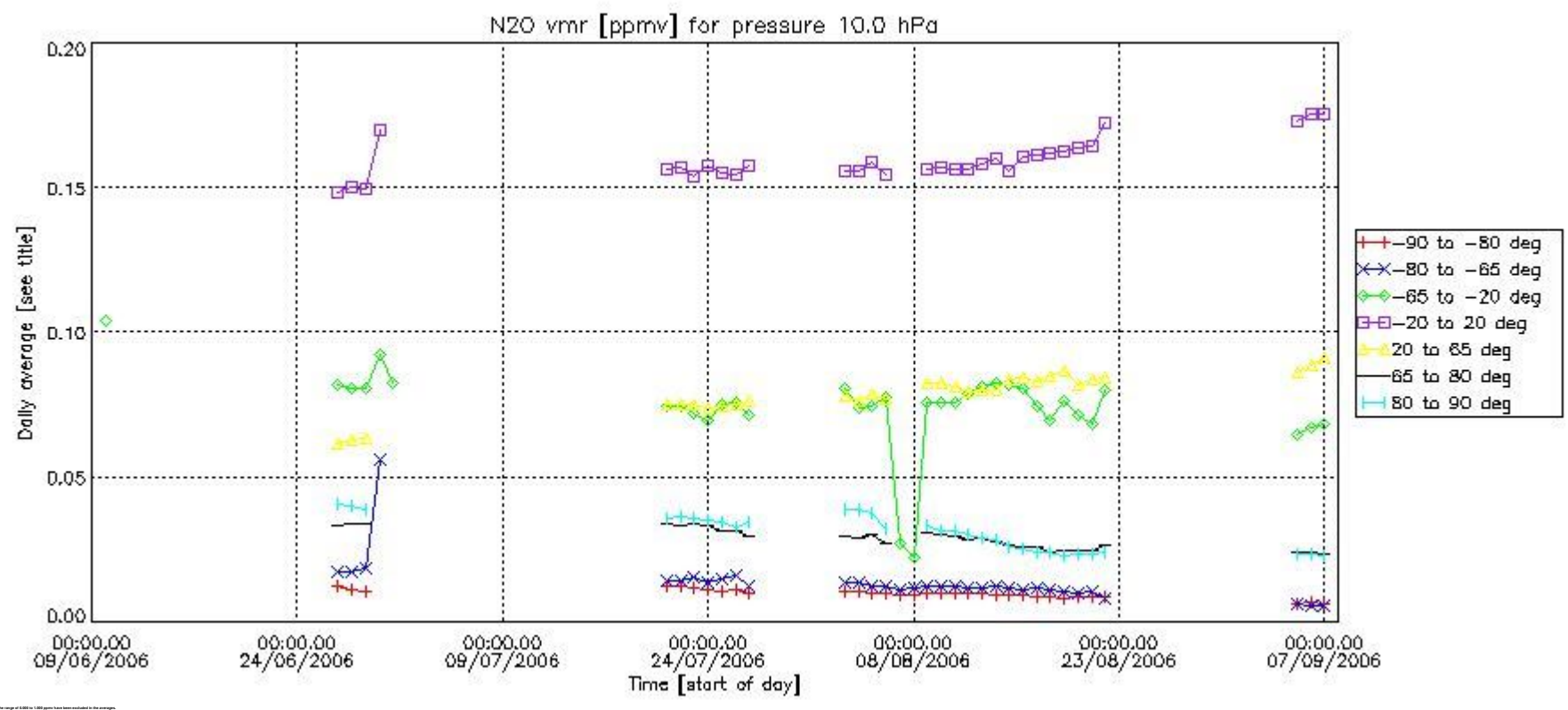
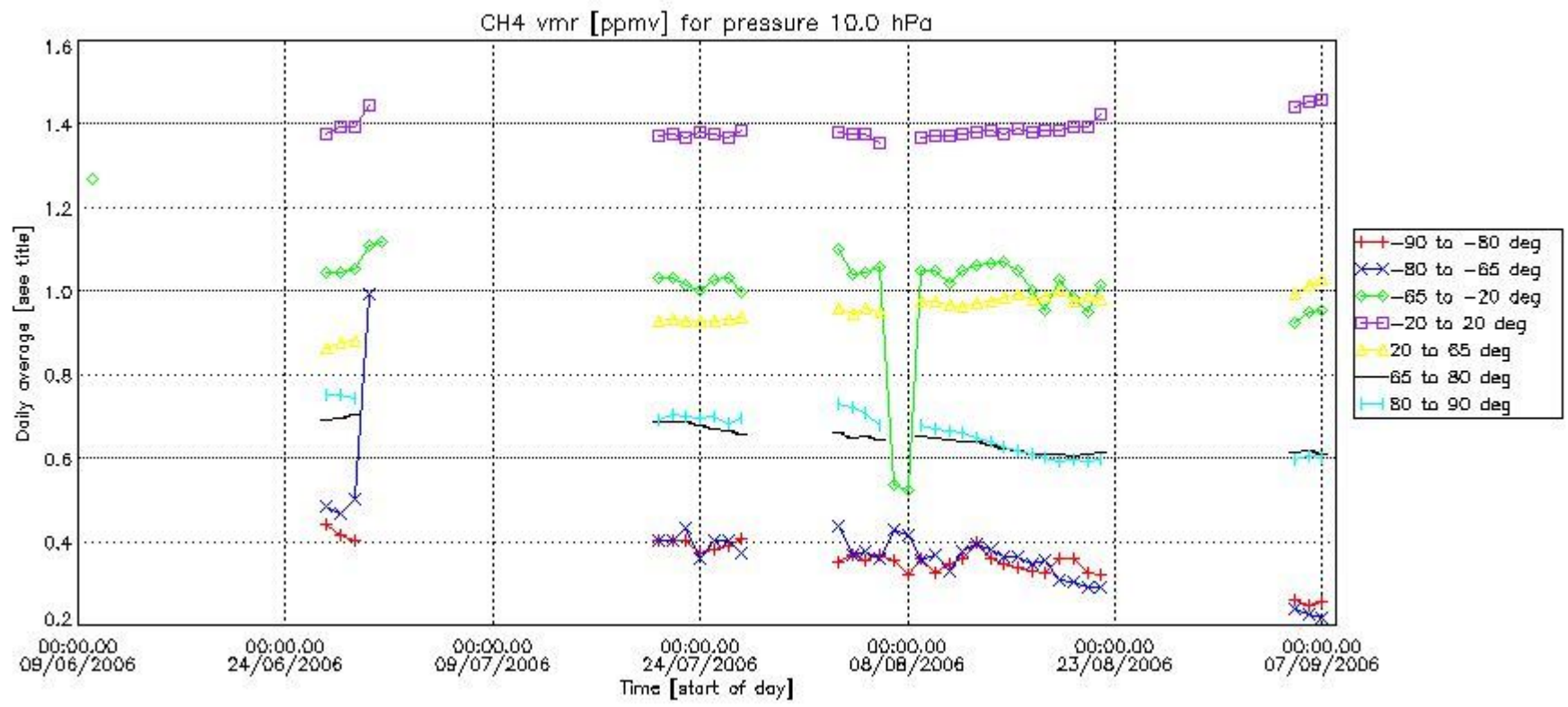


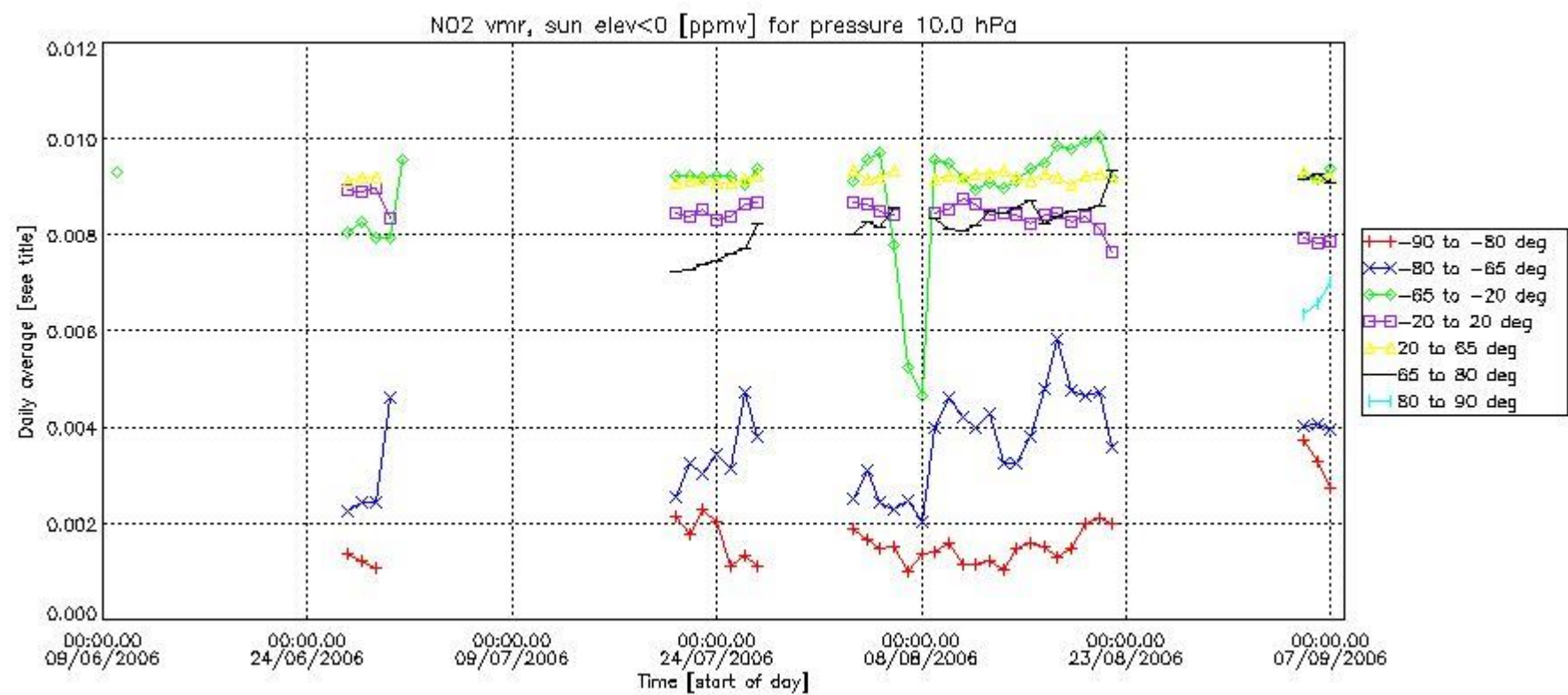
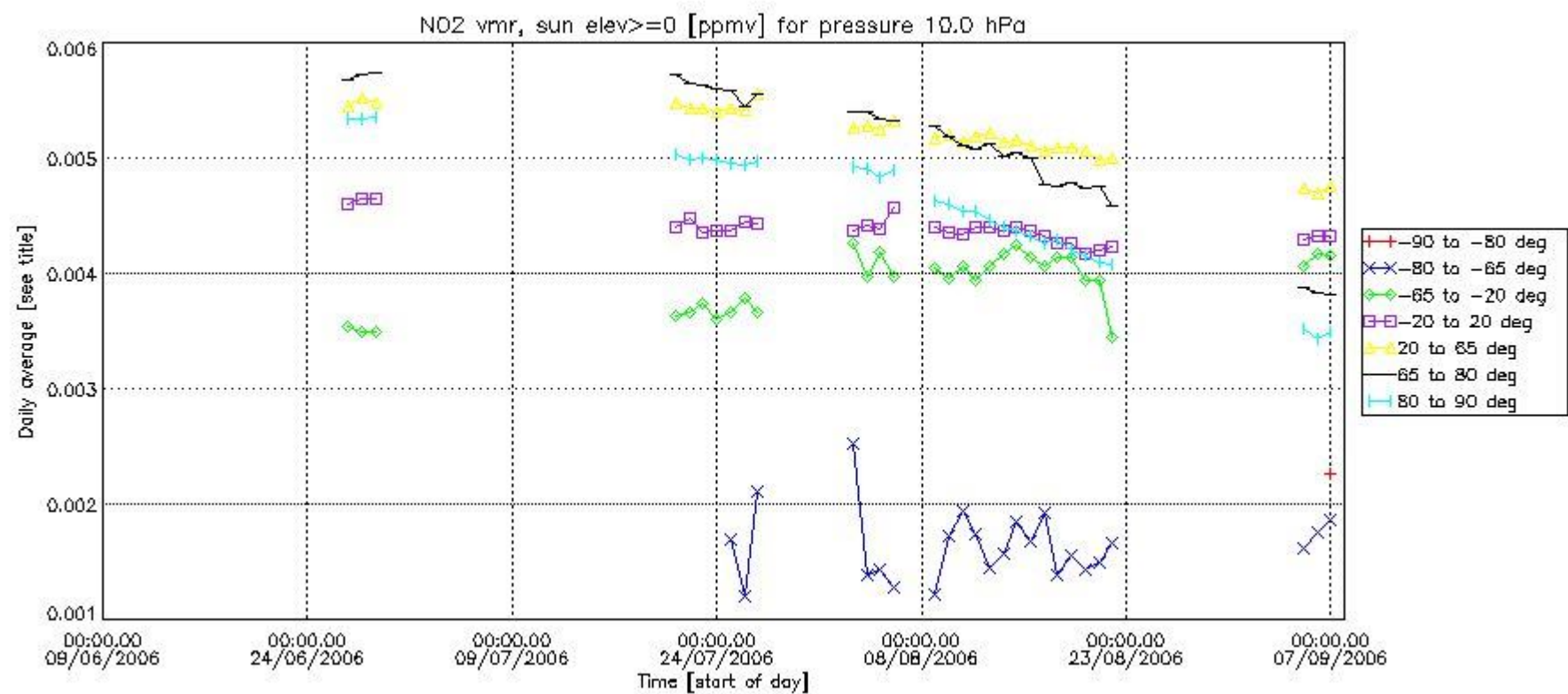




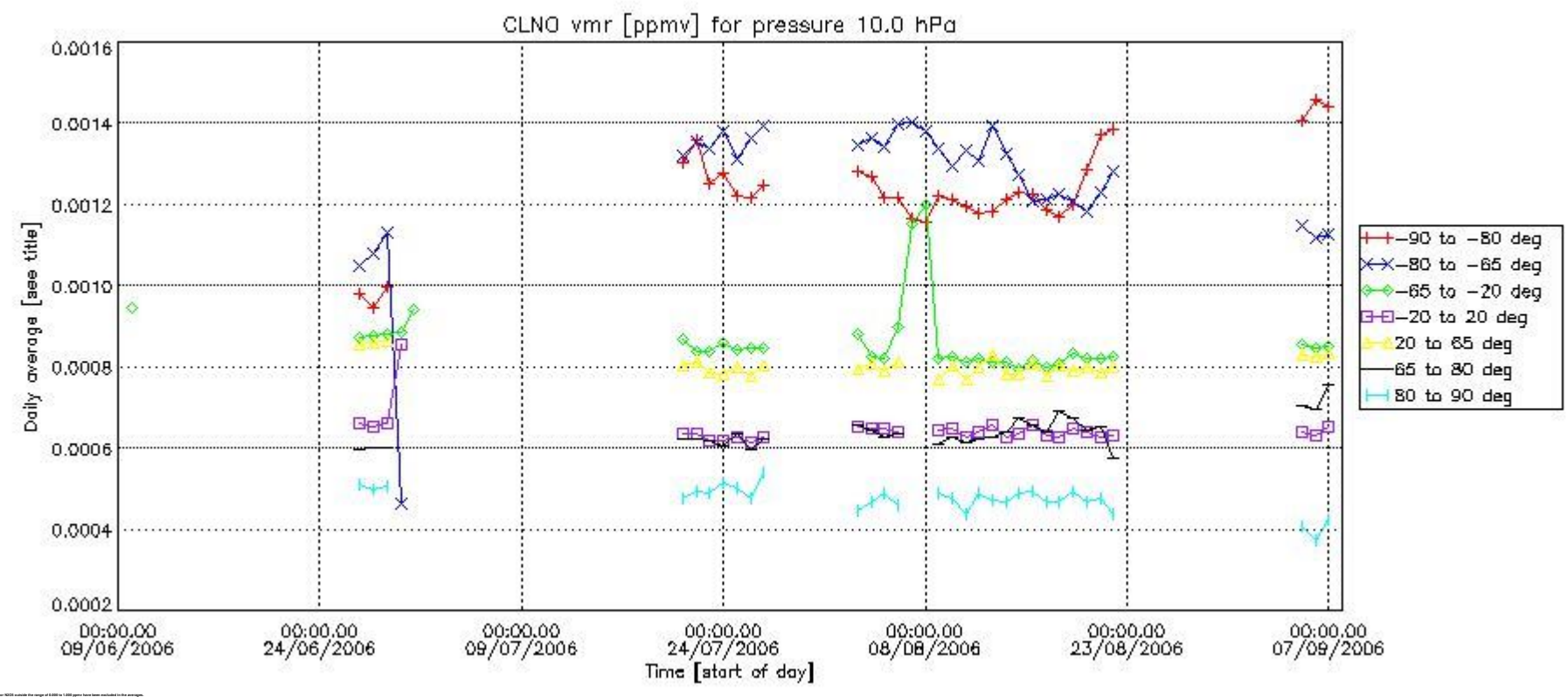
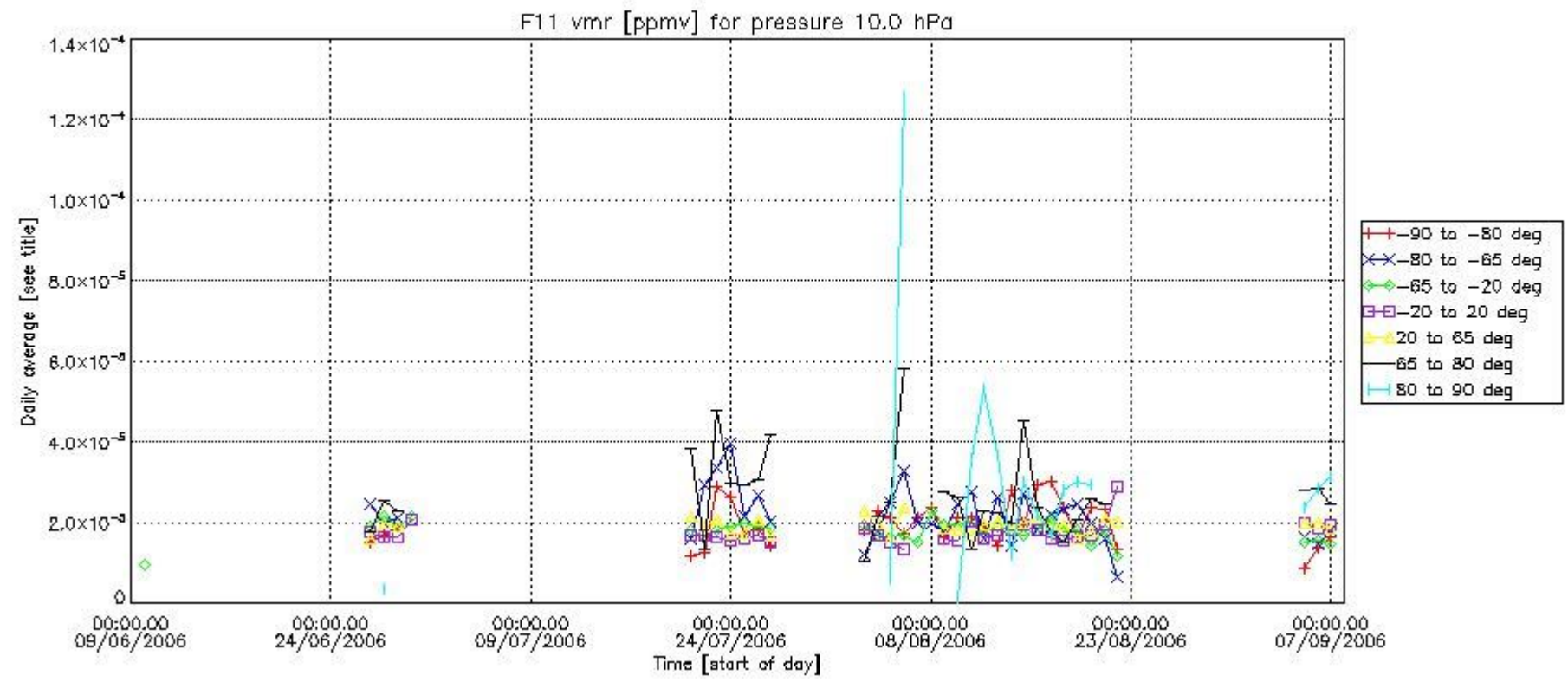


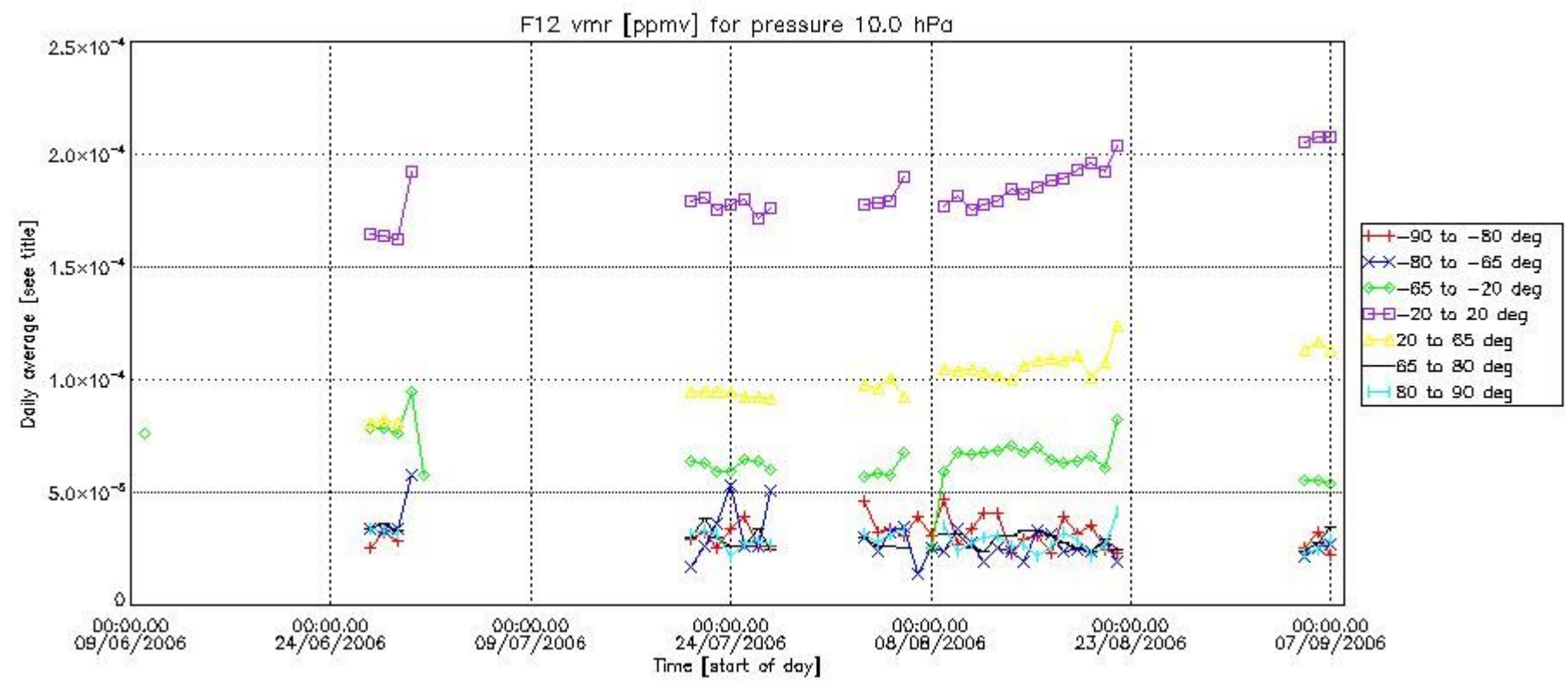
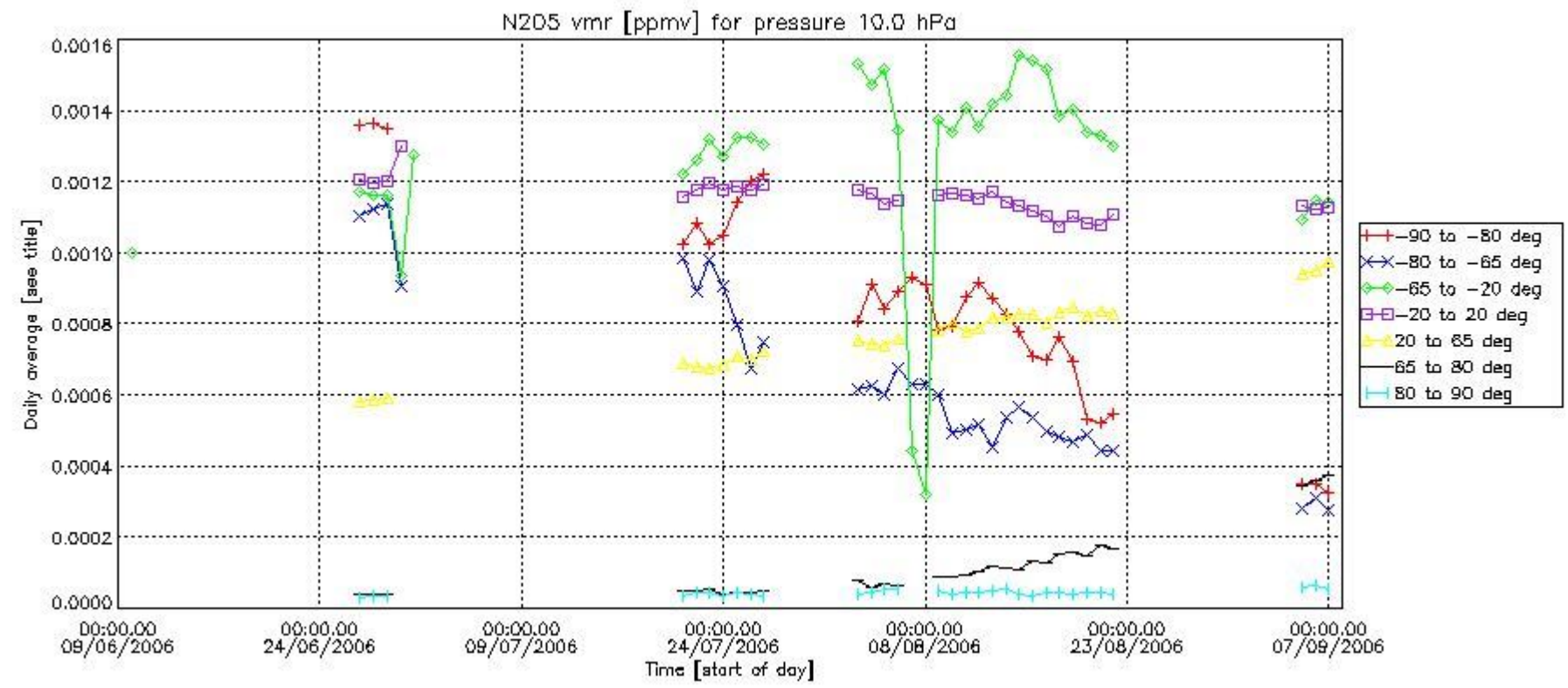


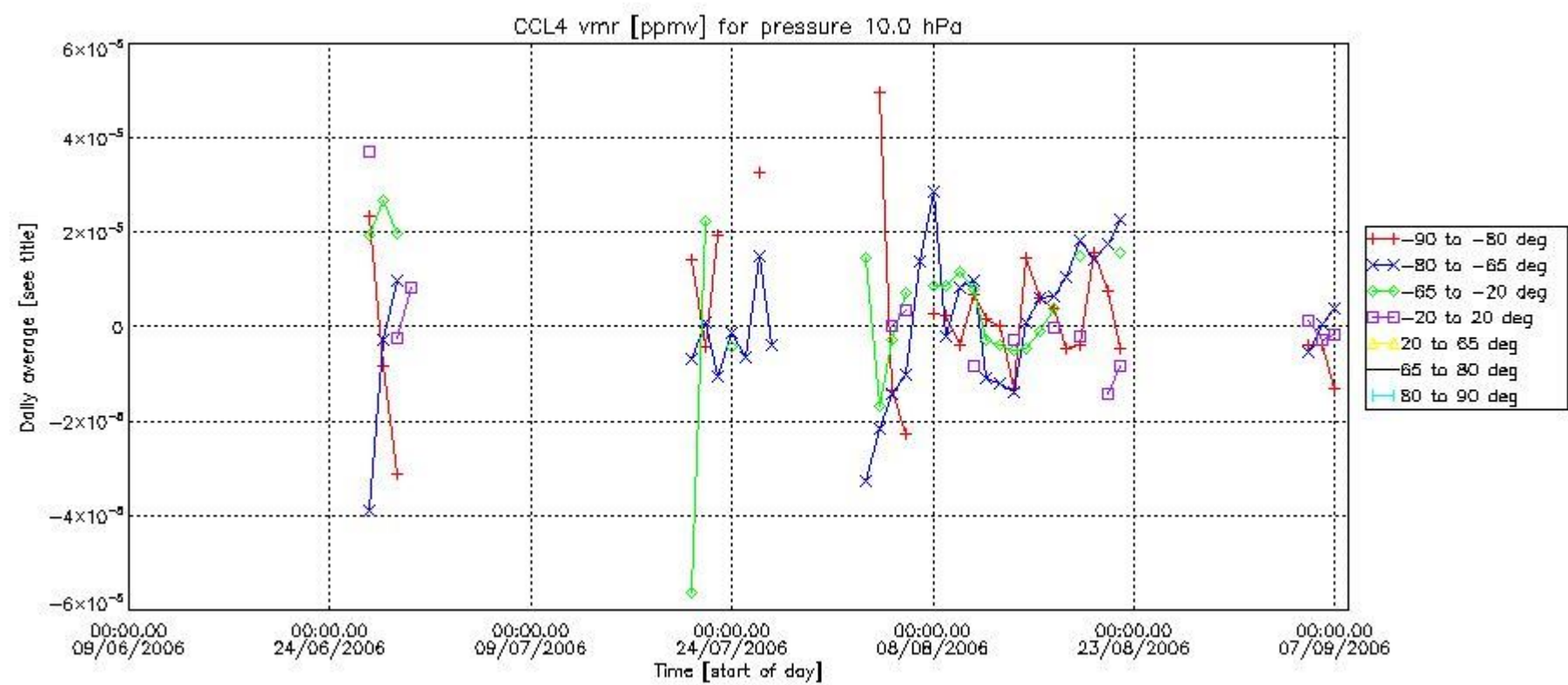
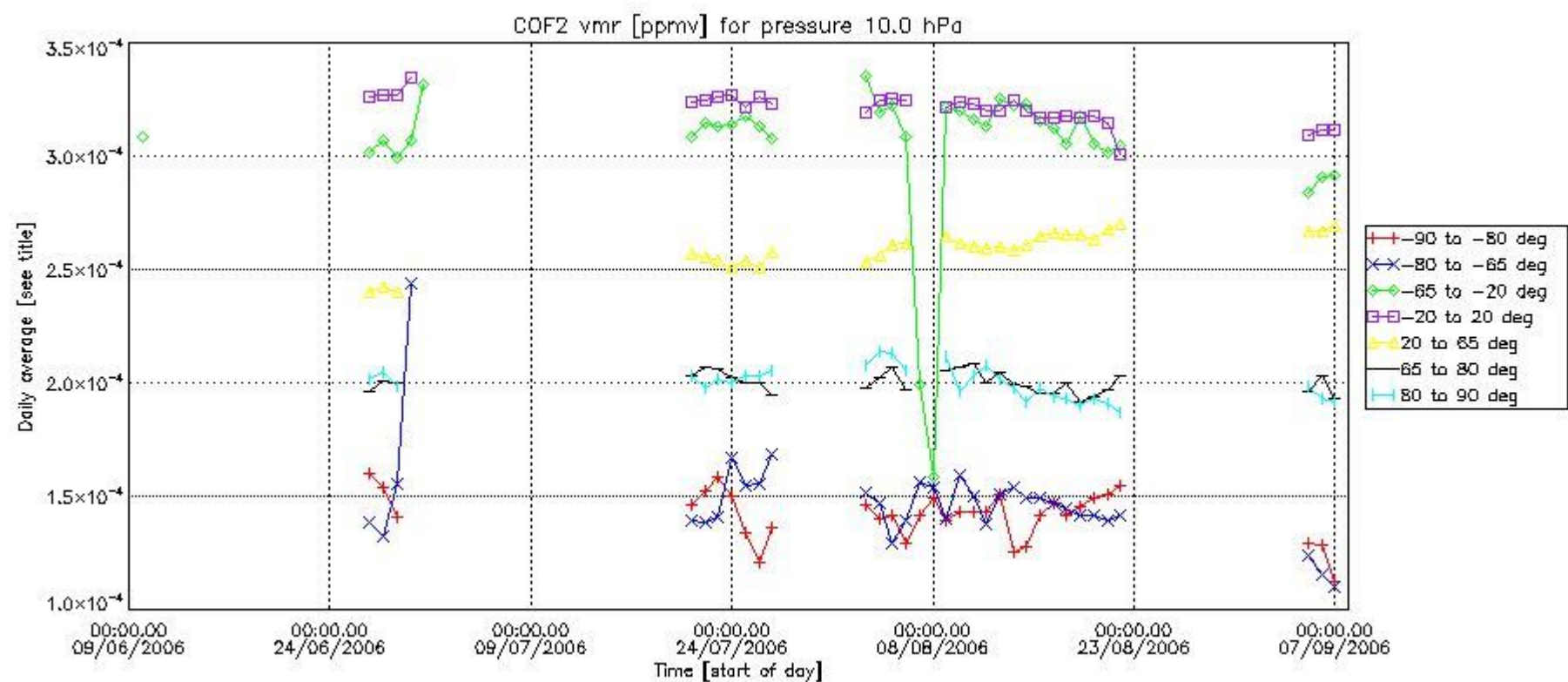




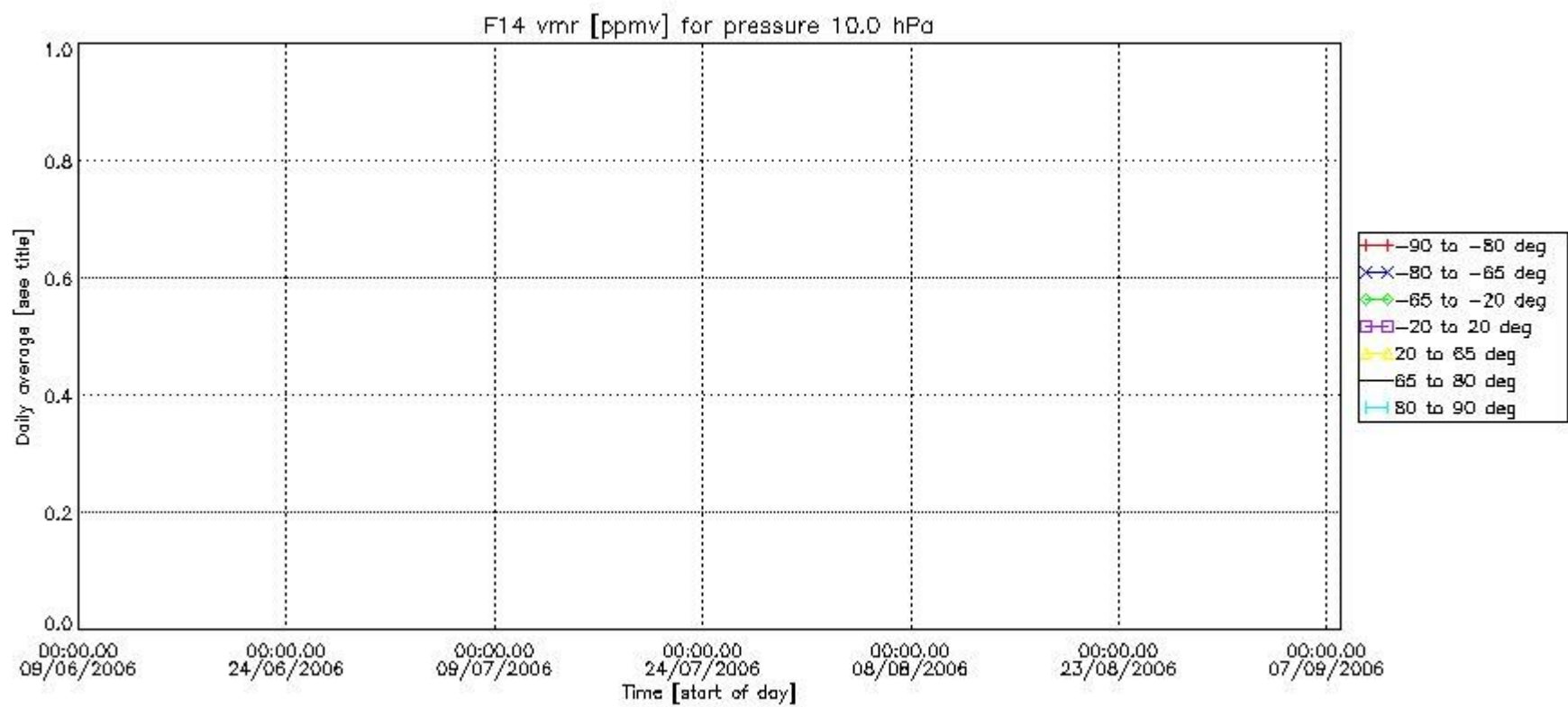
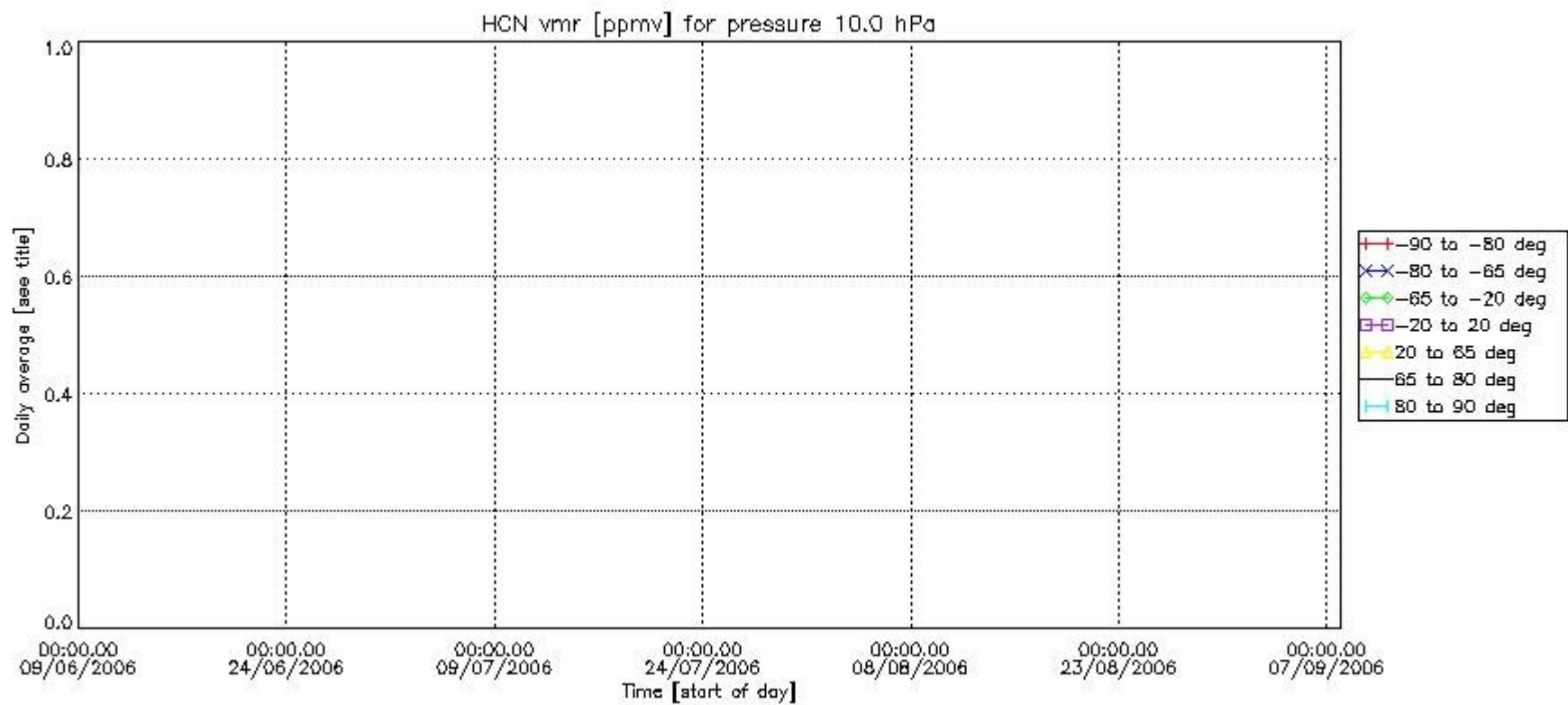


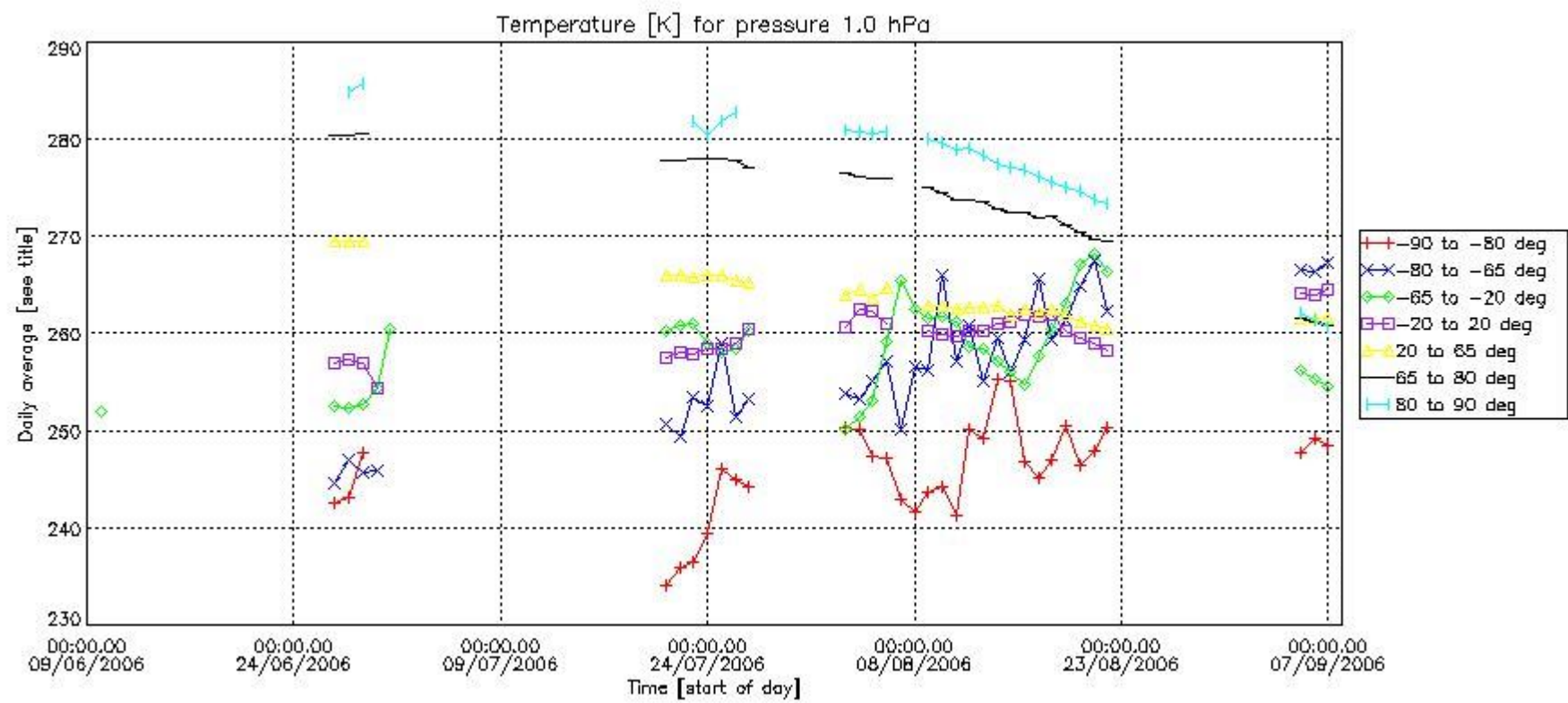
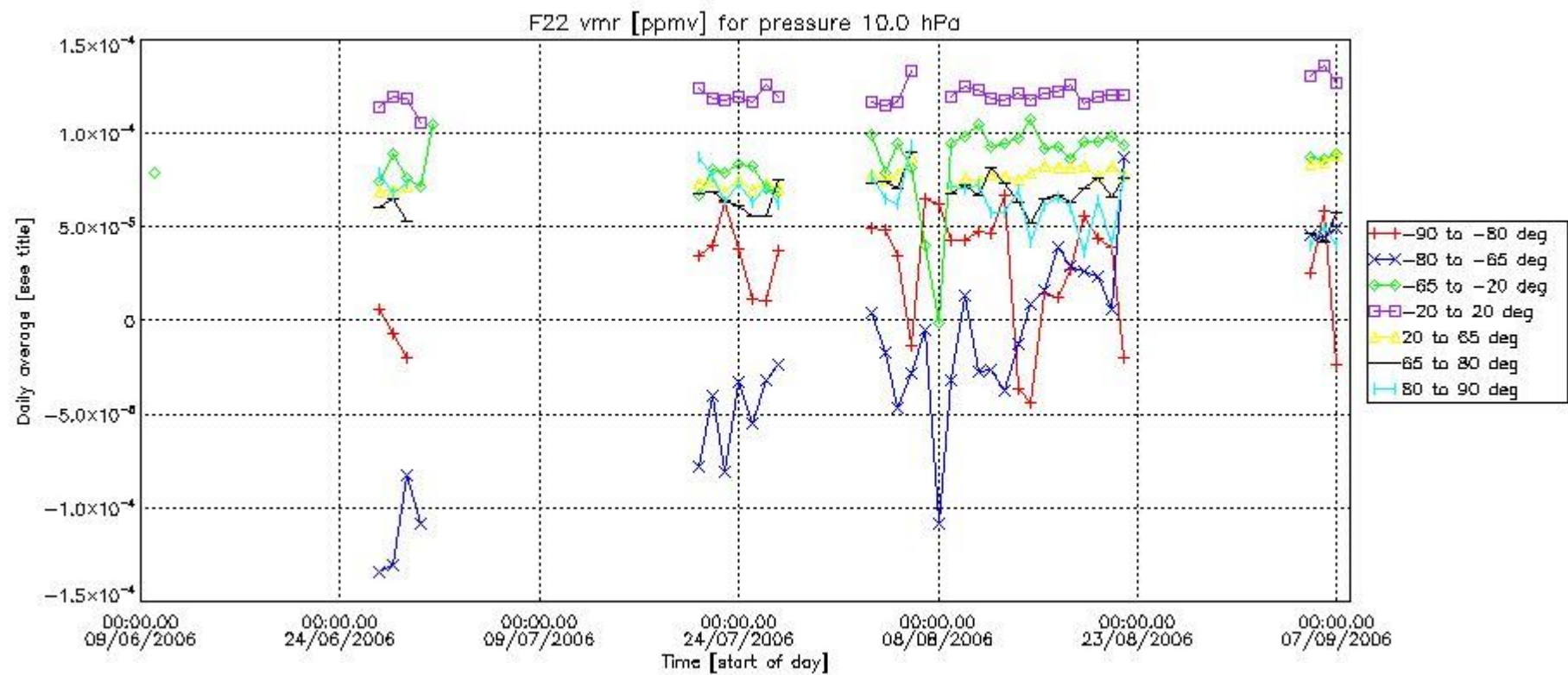


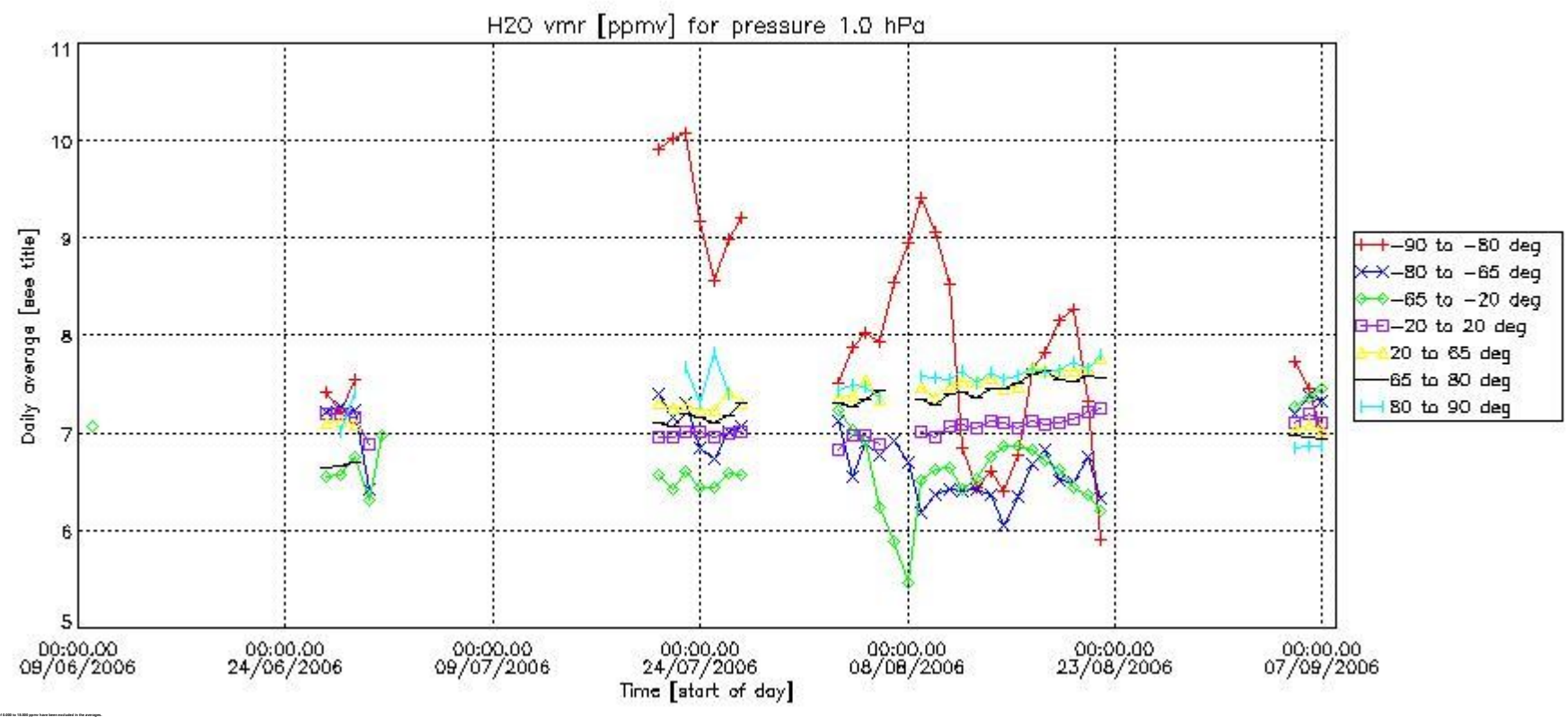
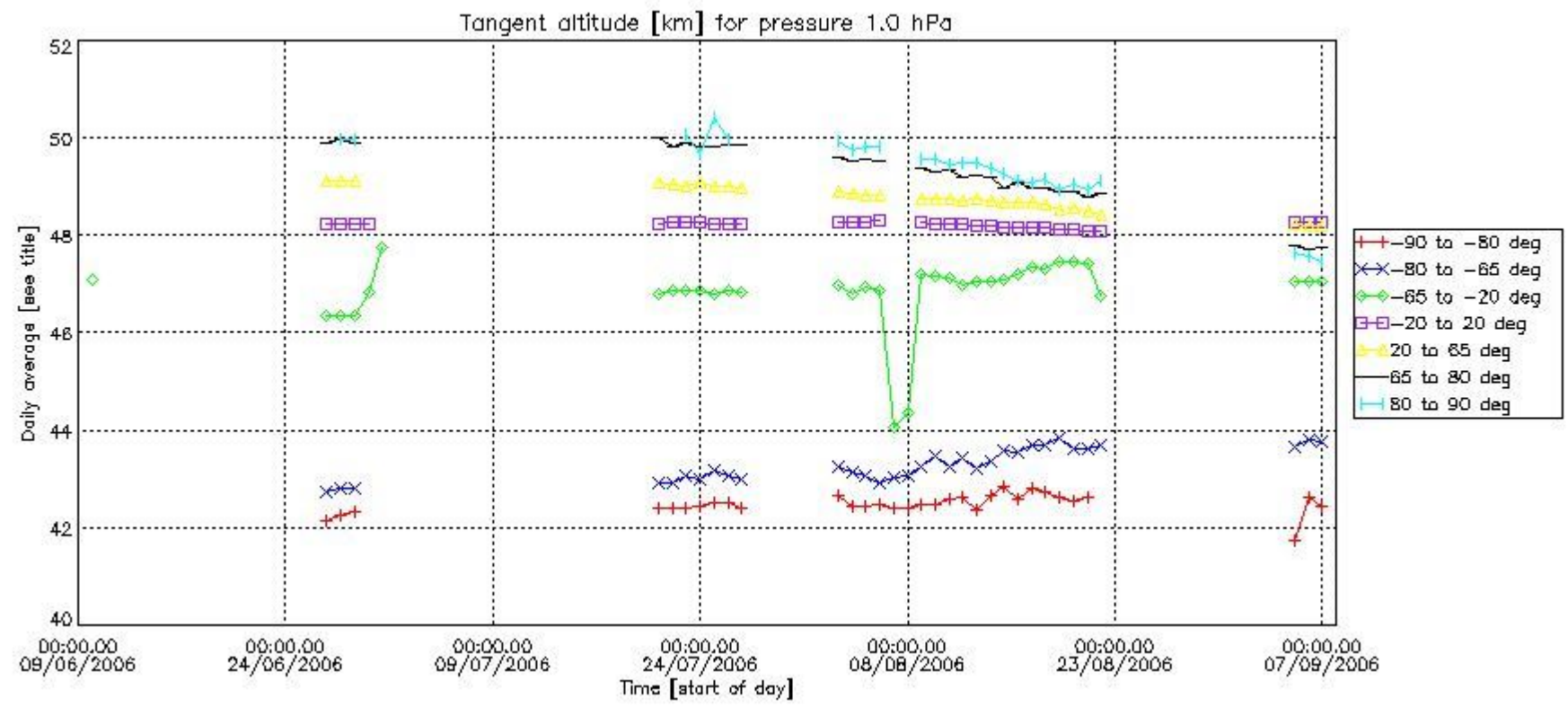




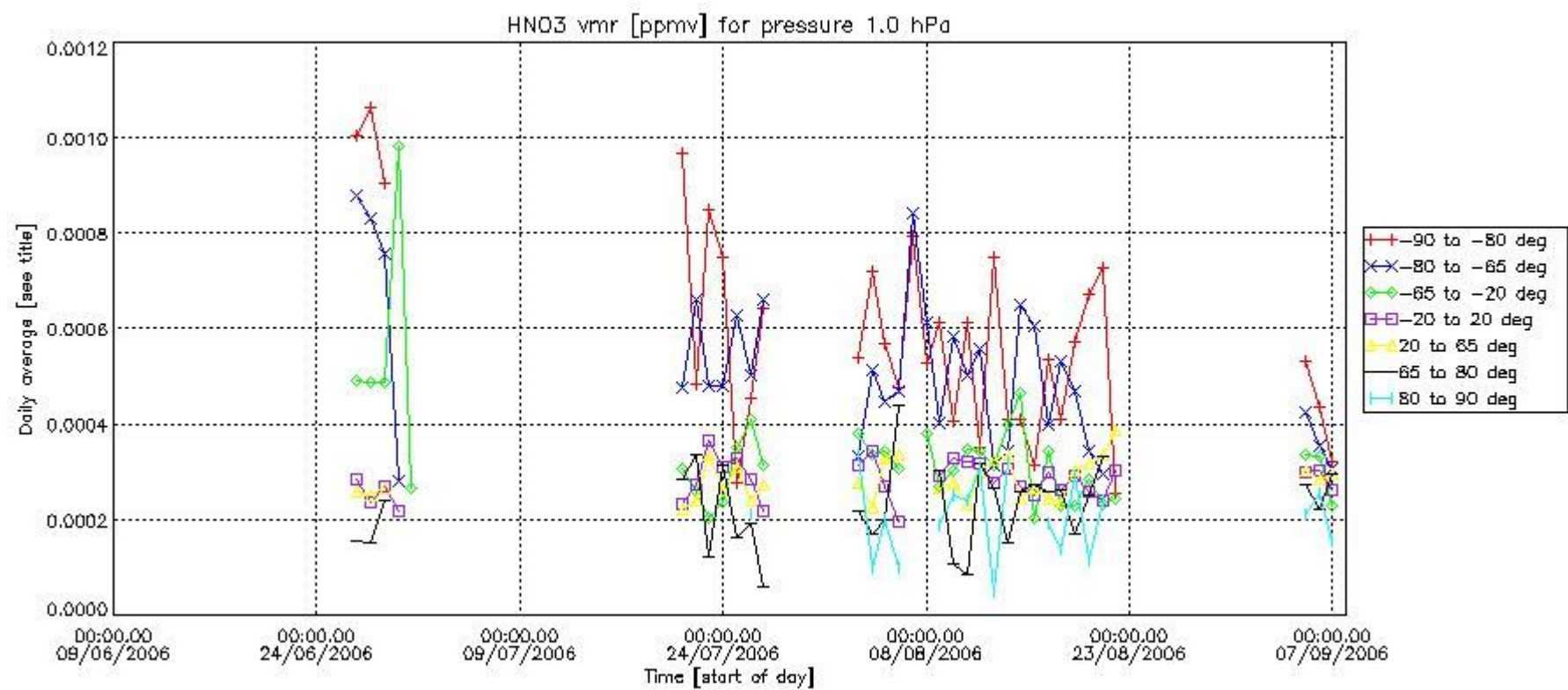
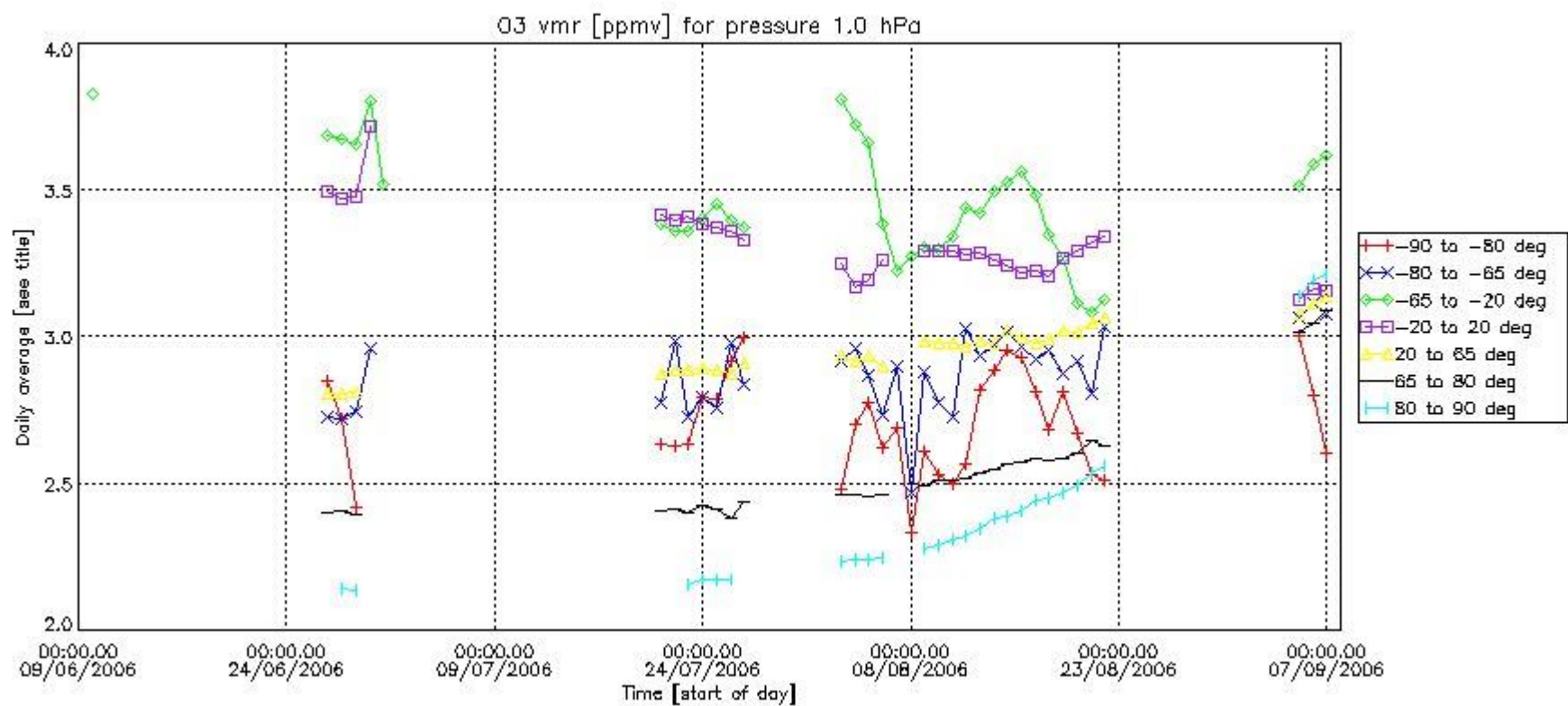


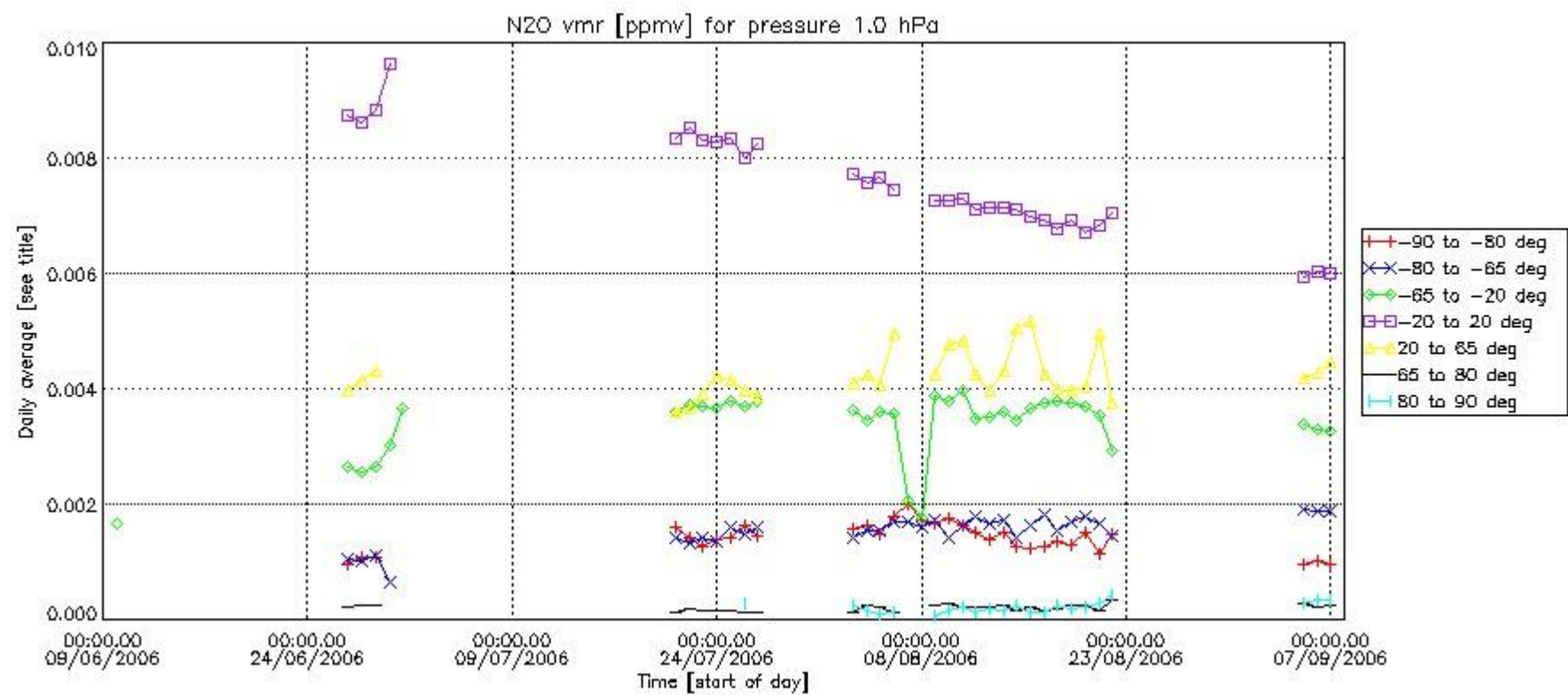
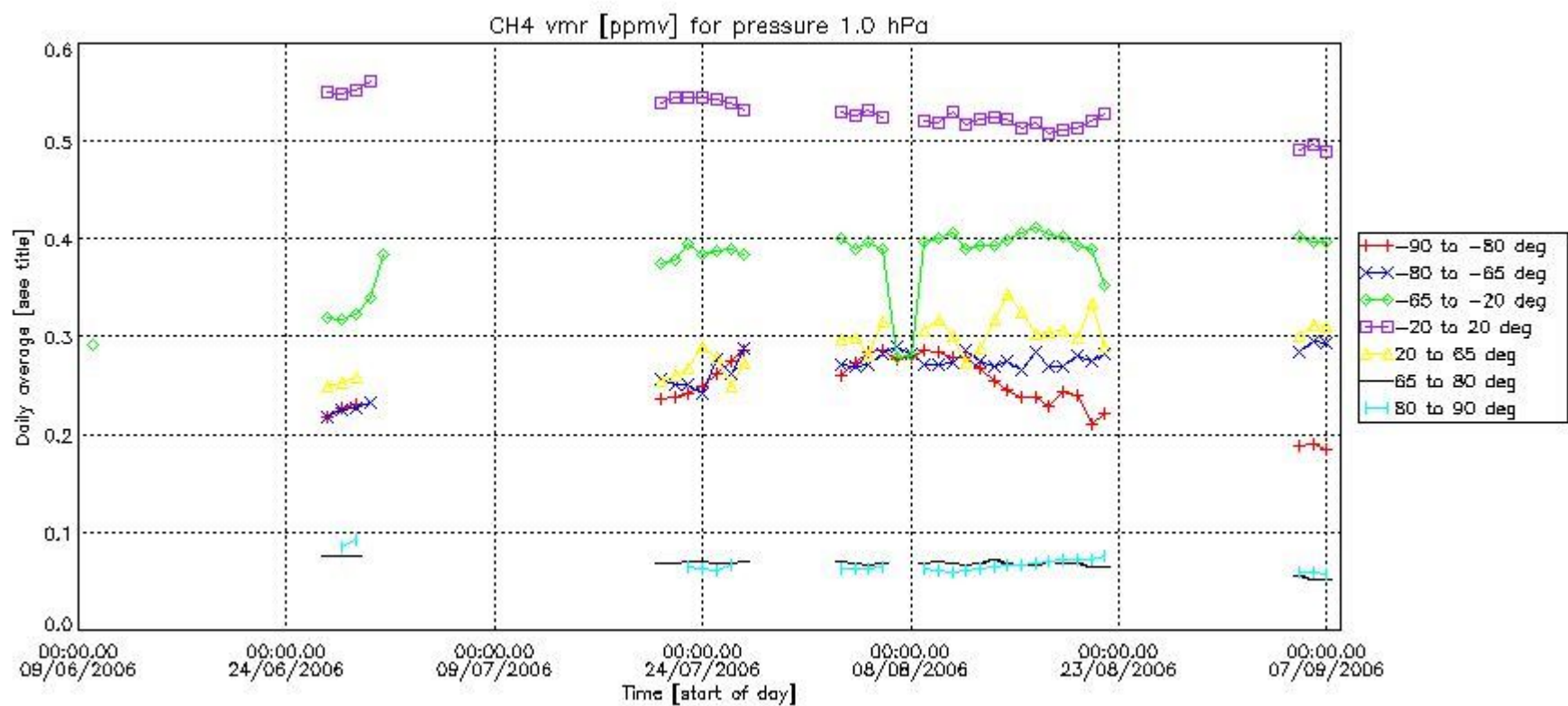


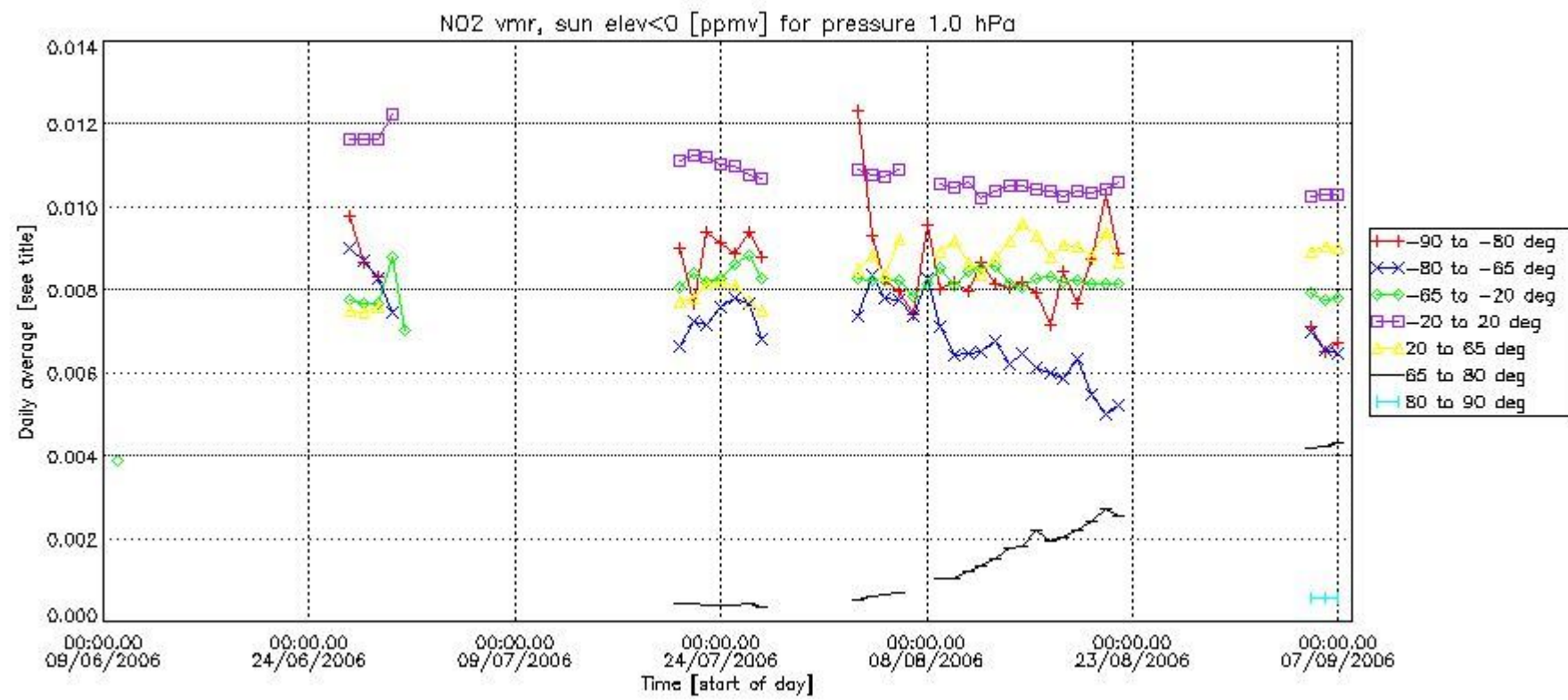
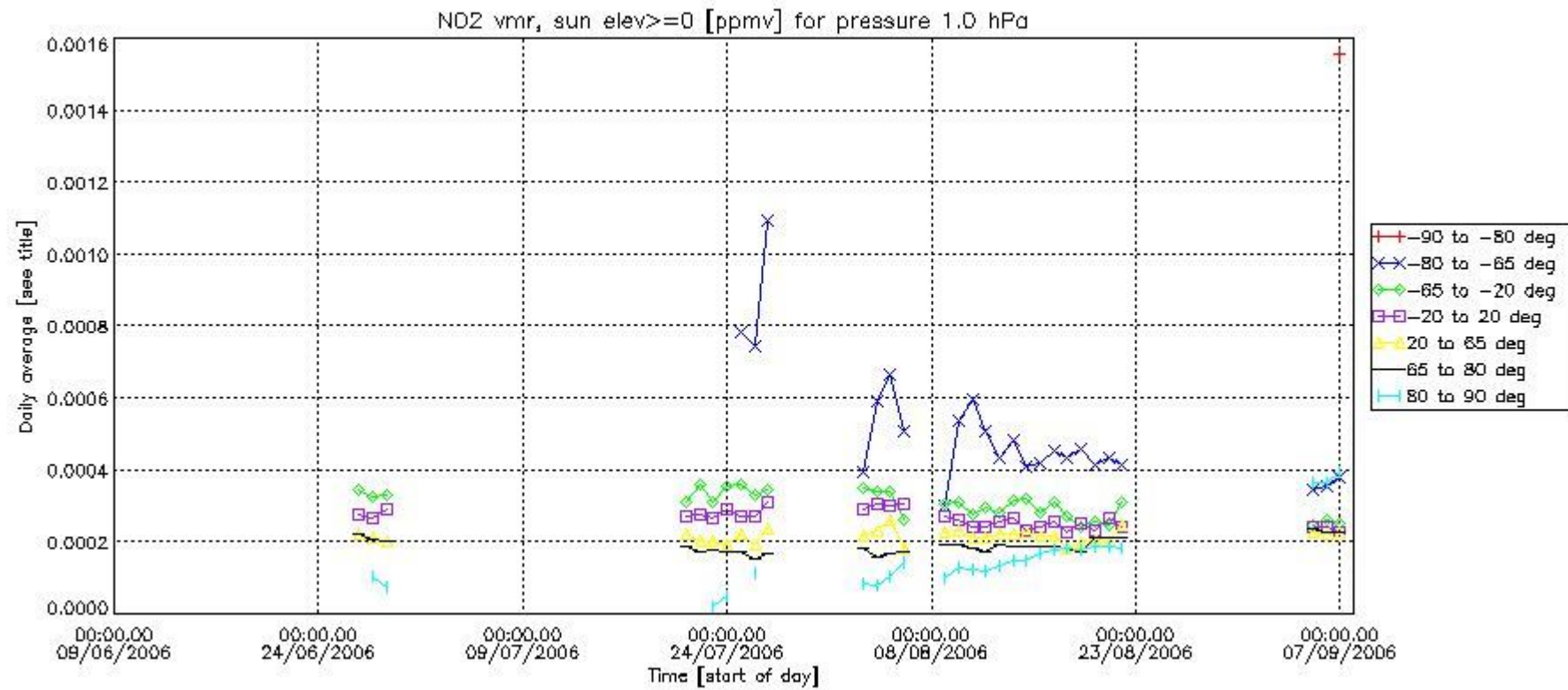




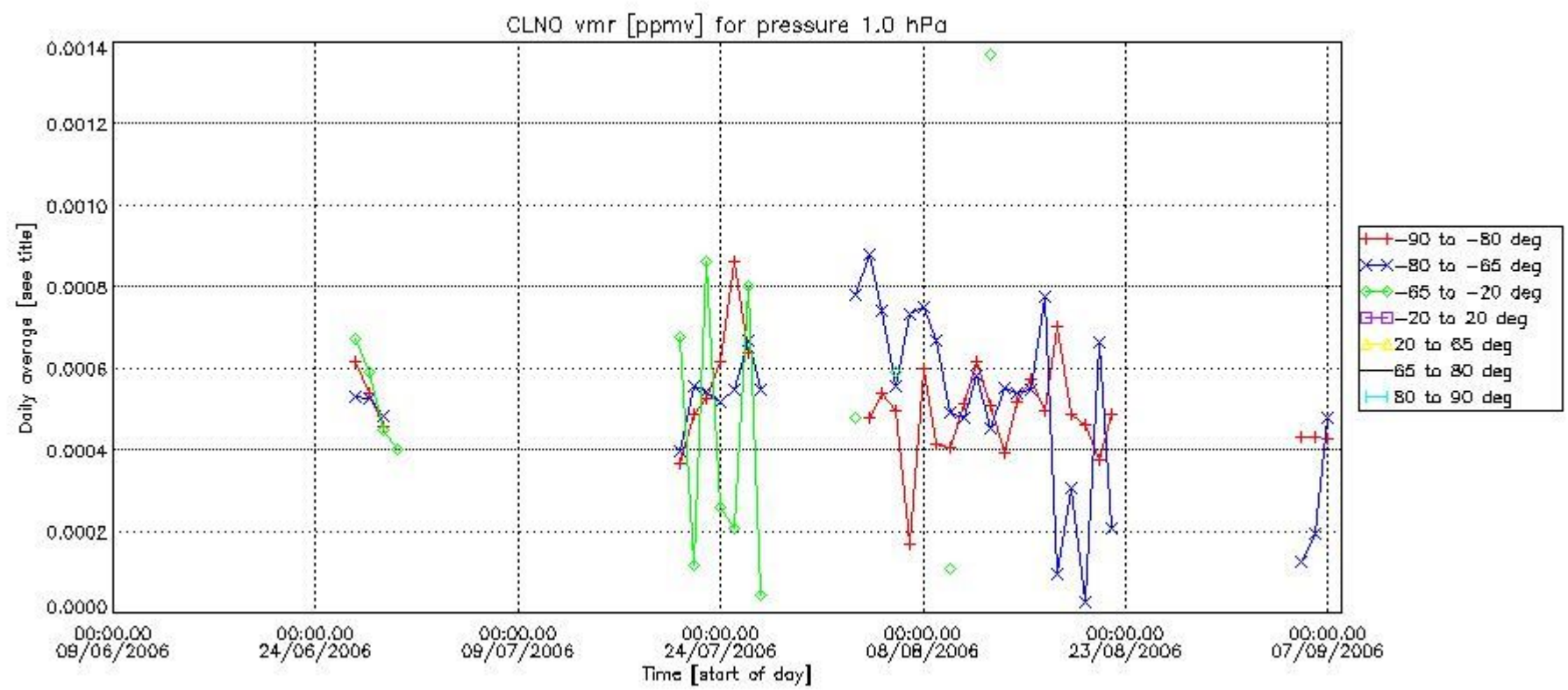
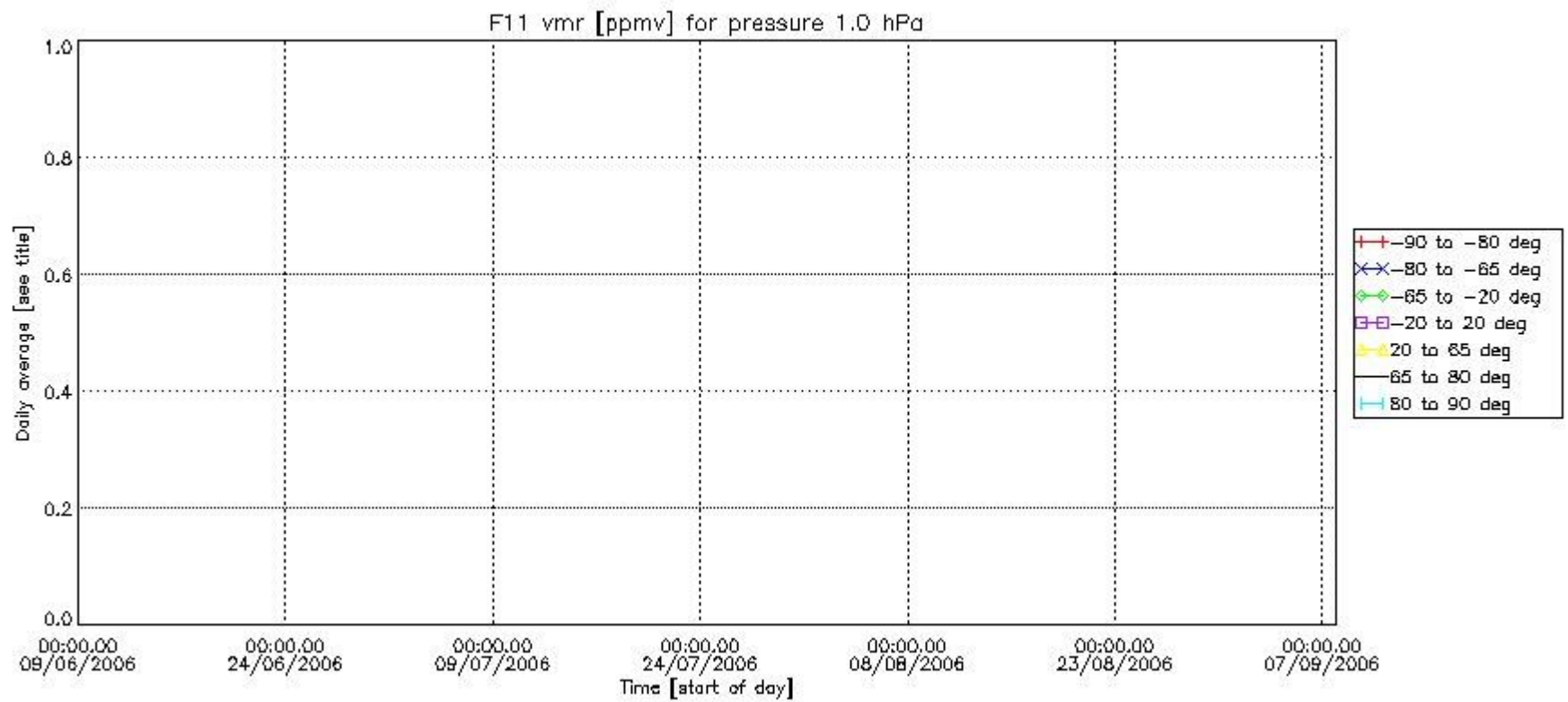


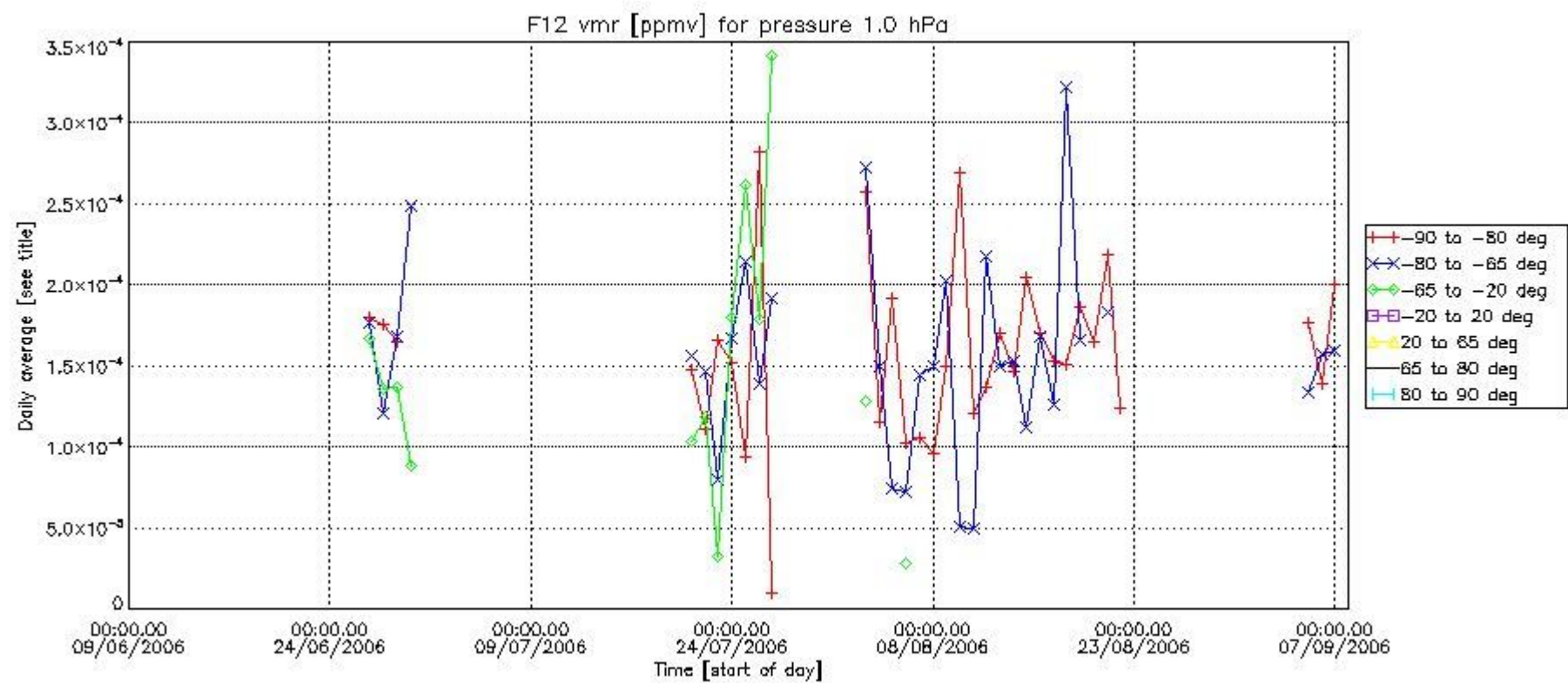
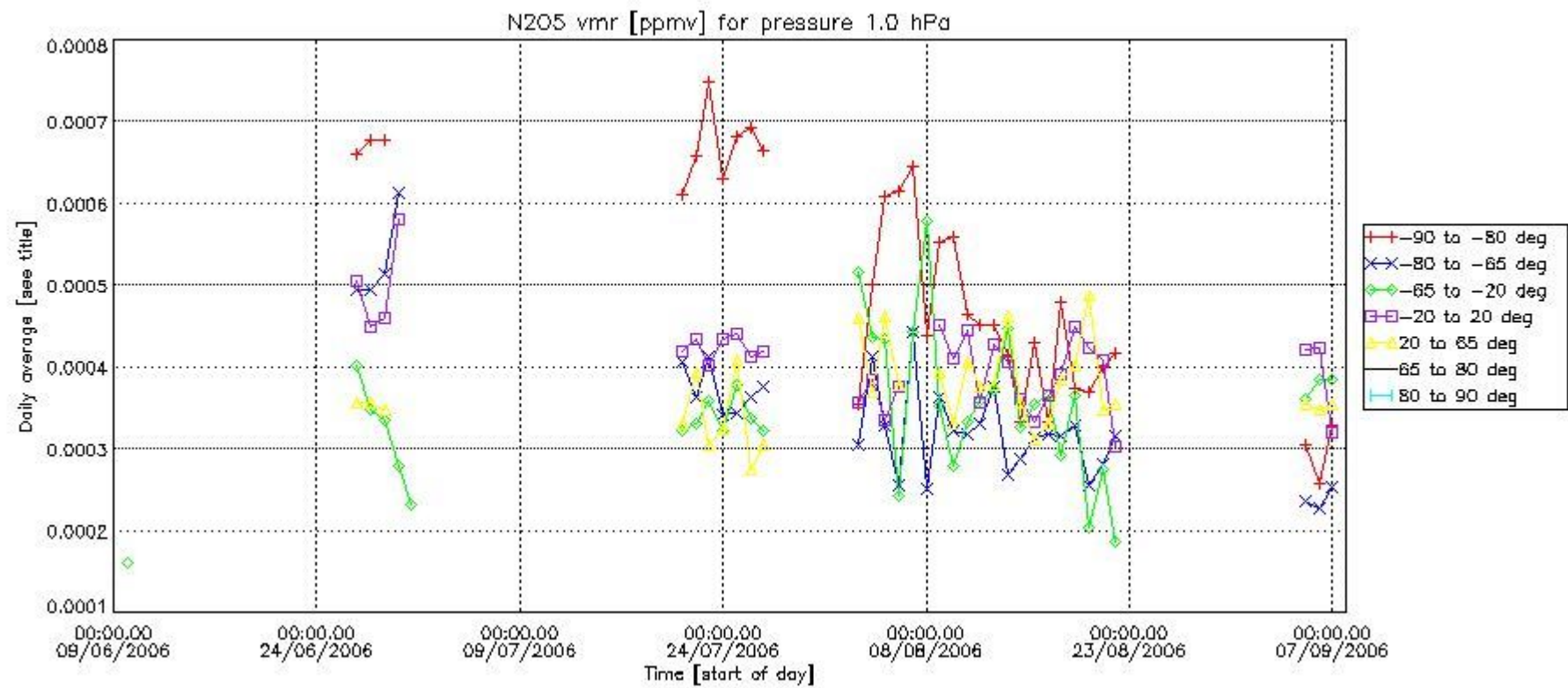


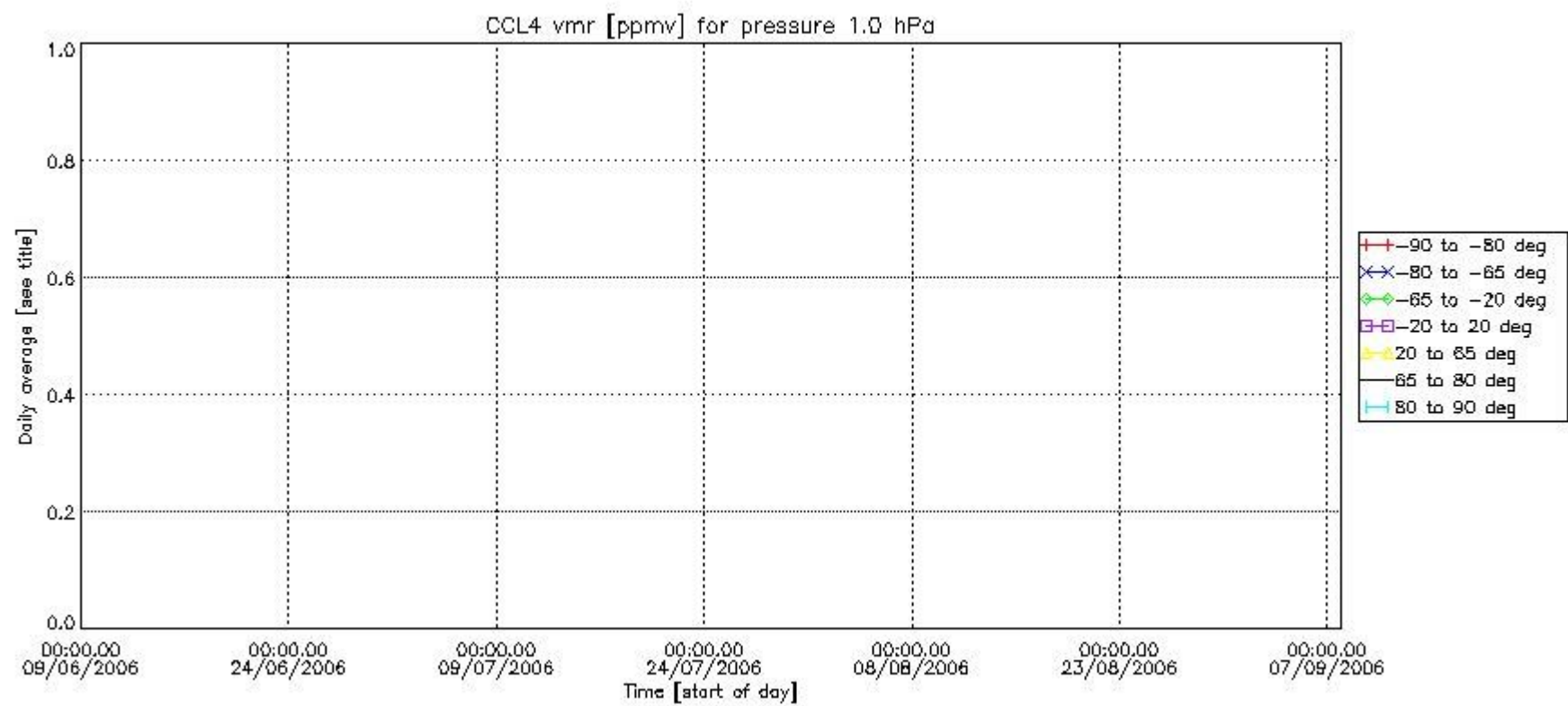
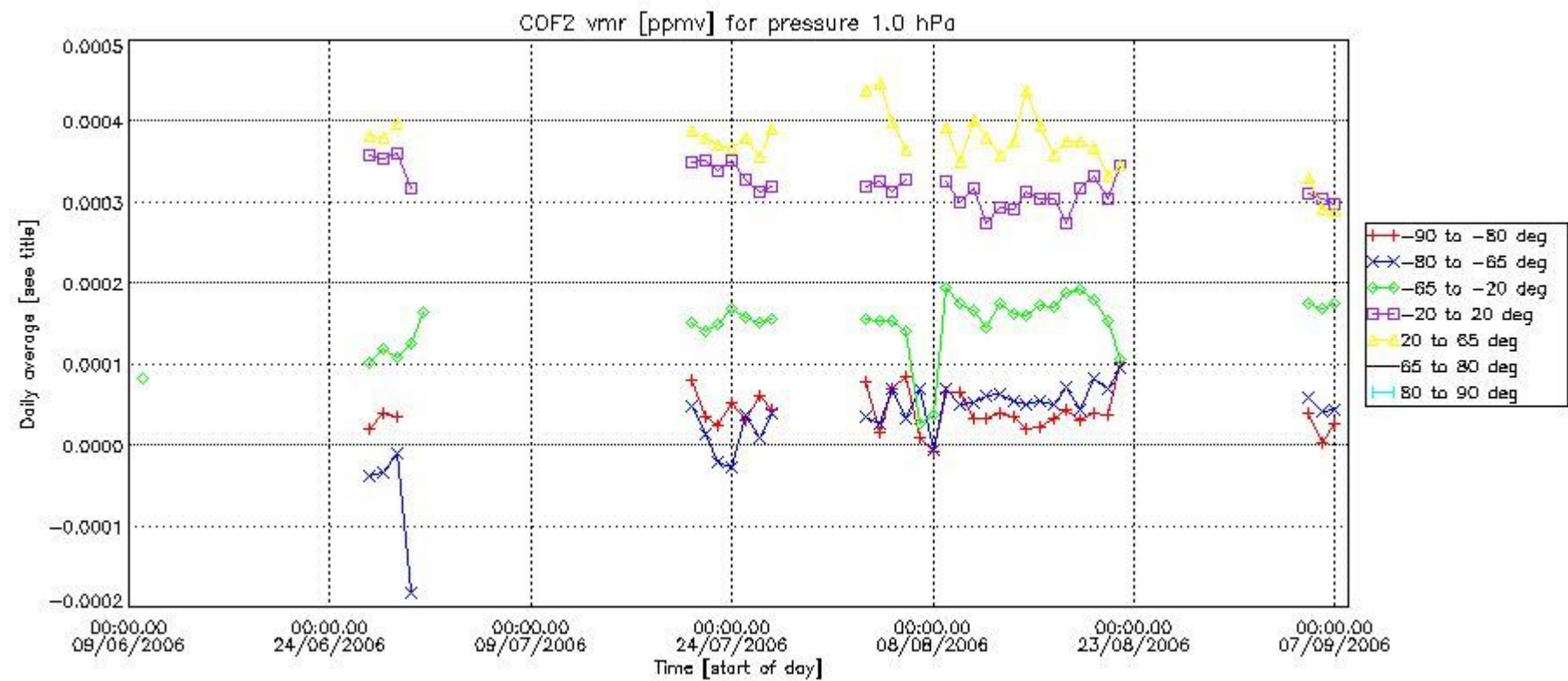




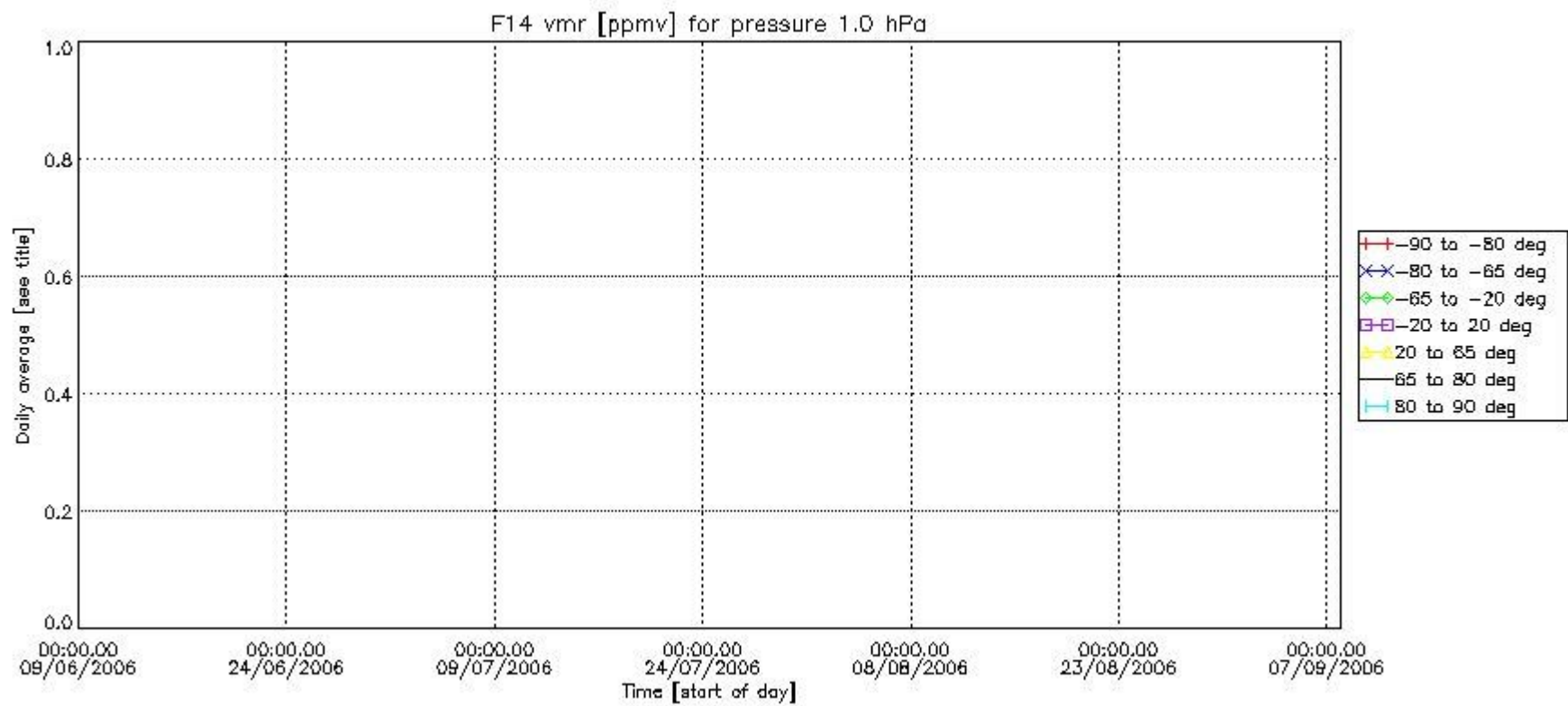
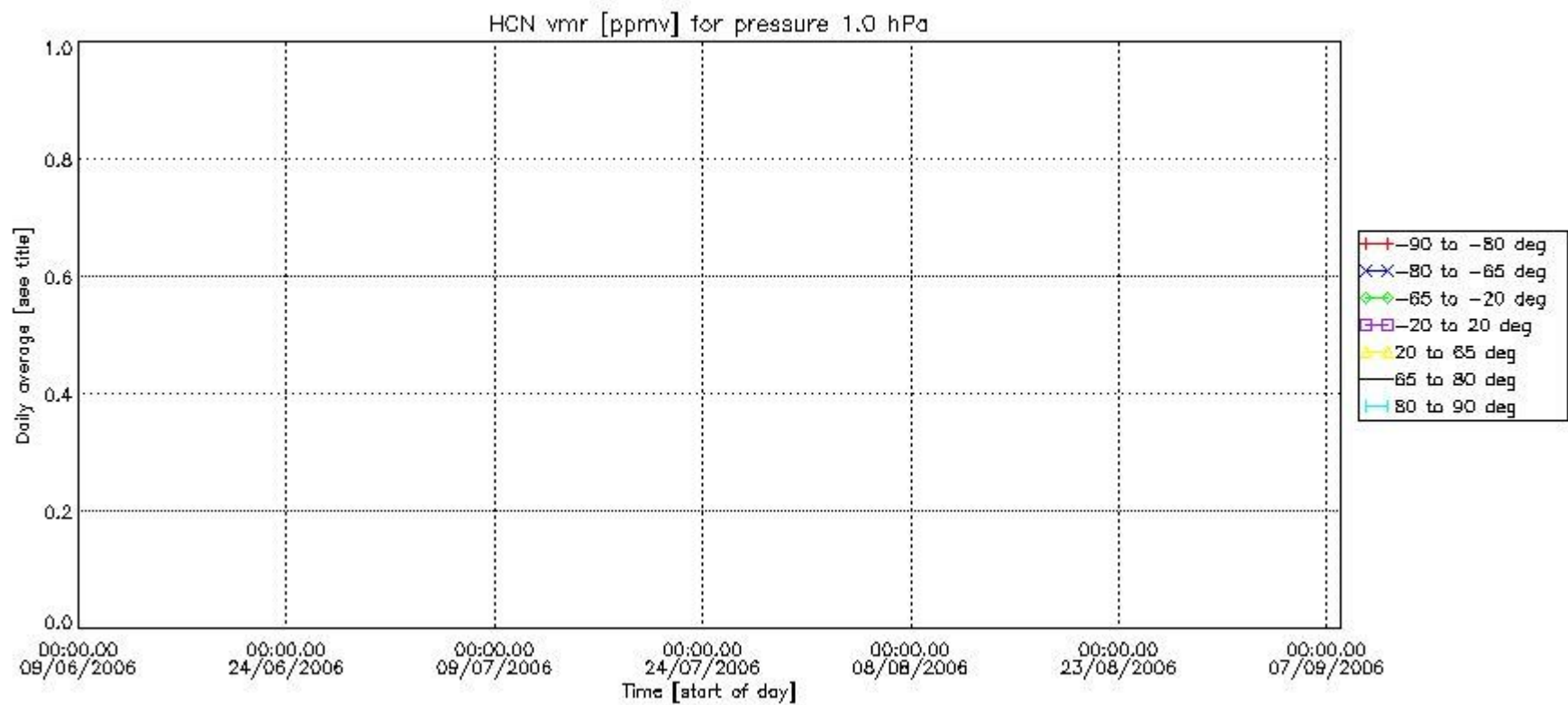


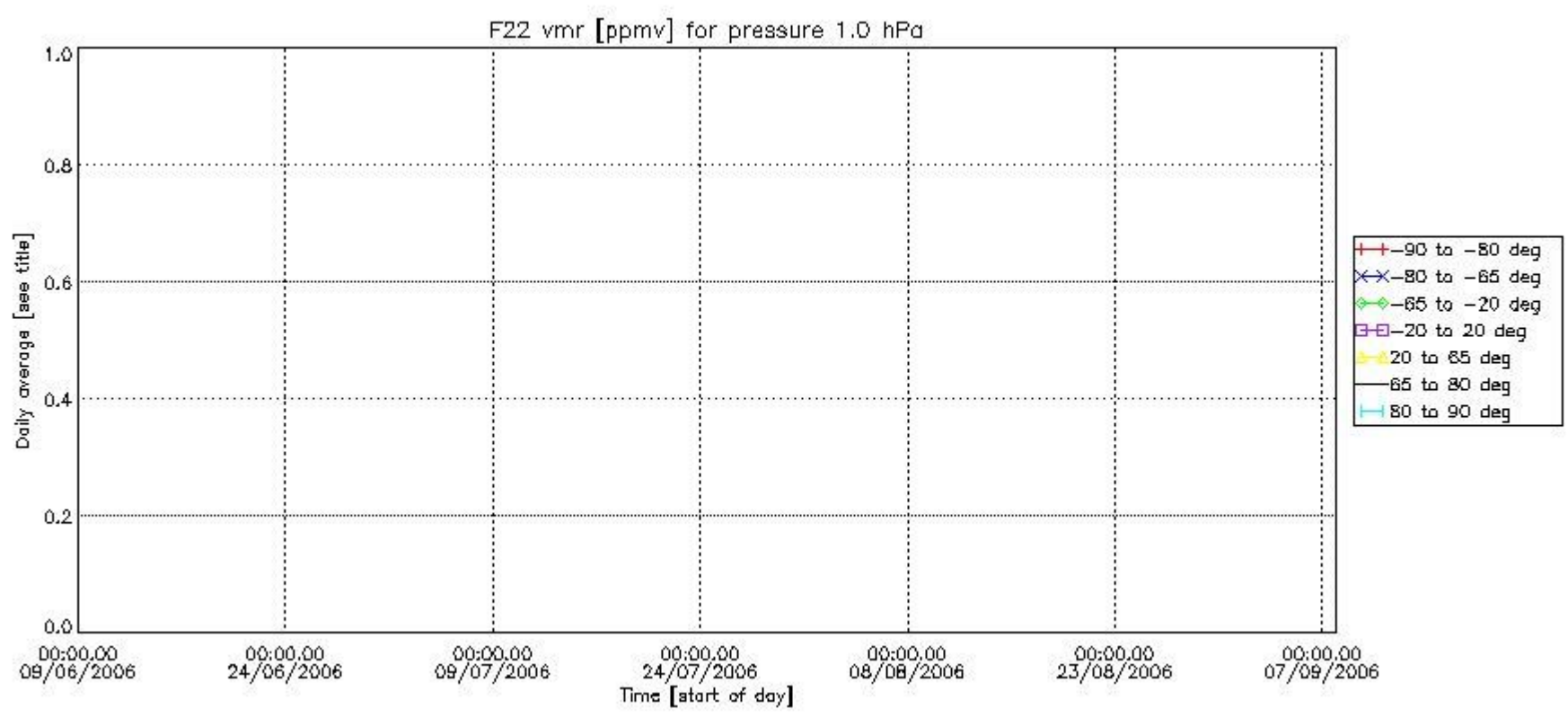












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

