

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060812.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 19:52:42
Data source version	ML2PP/7.03-W
Processing scope for products	12AUG2006 00:00:00 to 13AUG2006 00:00:00
Start time of first product within scope	11AUG2006 22:54:36
Stop time of last product within scope	13AUG2006 00:03:28
Total number of level 2 products	10
Number of level 2 products with errors	1

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__2PWDSI20060811_225436_000053912050_00159_23259_1000.N1	11AUG2006 22:54:36	12AUG2006 00:24:27	0	119/119	VMR_TERM_MACRO_MICRO[HCN/macro:1; CLNO/micro:1]
1	MIP_NL__2PWDSI20060812_065552_000012542050_00163_23263_1000.N1	12AUG2006 06:55:52	12AUG2006 07:16:45	0	24/24	
2	MIP_NL__2PWDSI20060812_071735_000060302050_00164_23264_1000.N1	12AUG2006 07:17:35	12AUG2006 08:58:05	0	109/109	VMR_TERM_MACRO_MICRO[HCN/macro:2]
3	MIP_NL__2PWDSI20060812_085811_000060302050_00165_23265_1000.N1	12AUG2006 08:58:11	12AUG2006 10:38:41	0	128/128	VMR_TERM_MACRO_MICRO[CLNO/macro:1; HCN/macro:1; F14/macro:1; HCN/micro:1; F14/micro:1]
4	MIP_NL__2PWDSI20060812_103847_000050402050_00166_23266_1000.N1	12AUG2006 10:38:47	12AUG2006 12:02:47	0	111/111	VMR_TERM_MACRO_MICRO[F14/macro:2; CLNO/micro:2]
5	MIP_NL__2PWDSI20060812_135451_000002132050_00167_23267_1000.N1	12AUG2006 13:54:51	12AUG2006 13:58:25	0	5/5	
6	MIP_NL__2PWDSI20060812_171913_000000082050_00169_23269_1000.N1	12AUG2006 17:19:13	12AUG2006 17:19:21	1	1/1	
7	MIP_NL__2PWDSI20060812_202040_000012532050_00171_23271_1000.N1	12AUG2006 20:20:40	12AUG2006 20:41:33	0	24/24	
8	MIP_NL__2PWDSI20060812_204223_000060302050_00172_23272_1000.N1	12AUG2006 20:42:23	12AUG2006 22:22:52	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
9	MIP_NL__2PWDSI20060812_222259_000060302050_00173_23273_1000.N1	12AUG2006 22:22:59	13AUG2006 00:03:28	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; CLNO/micro:1; HCN/micro:2]

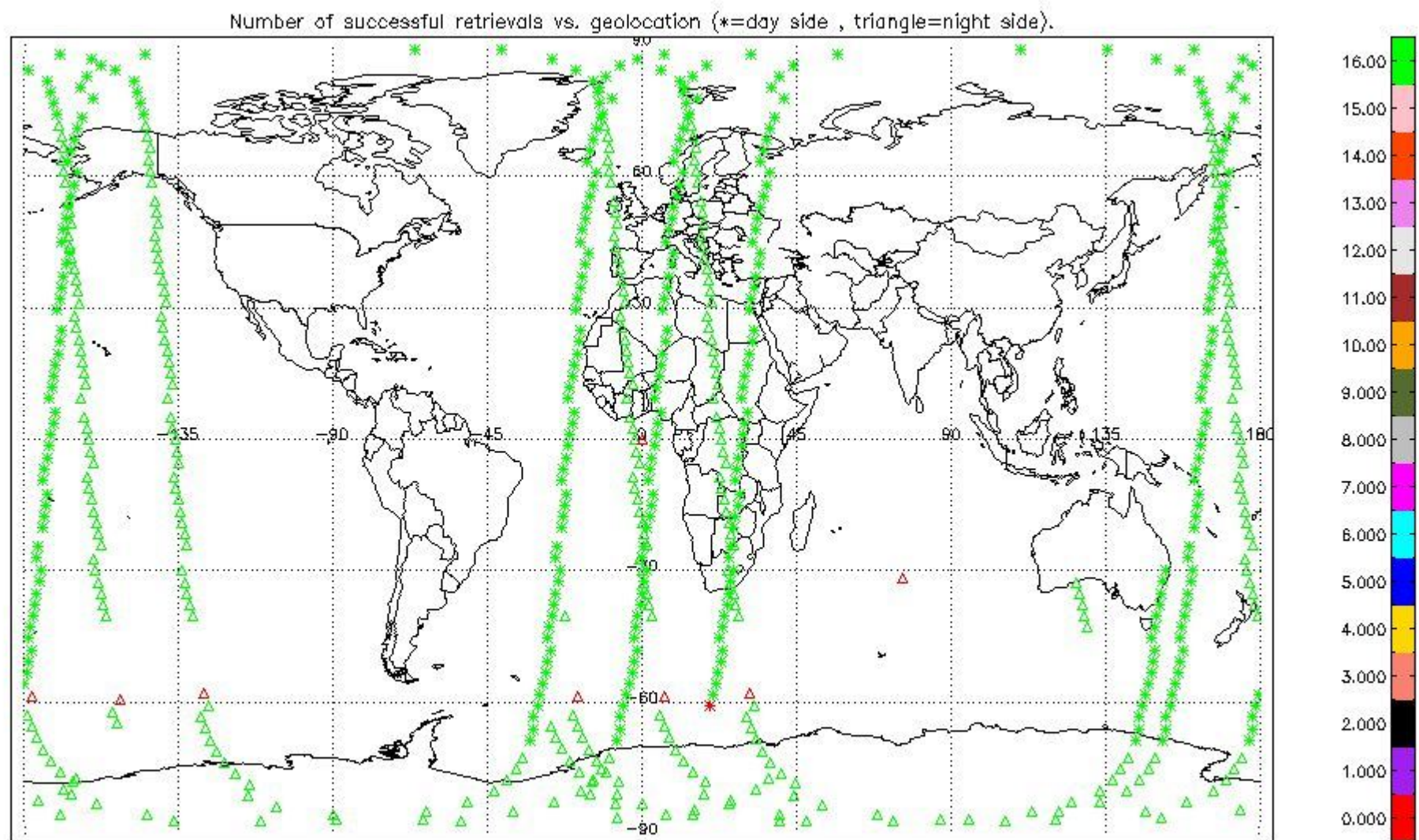
2.2 Processing performance indicators

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.

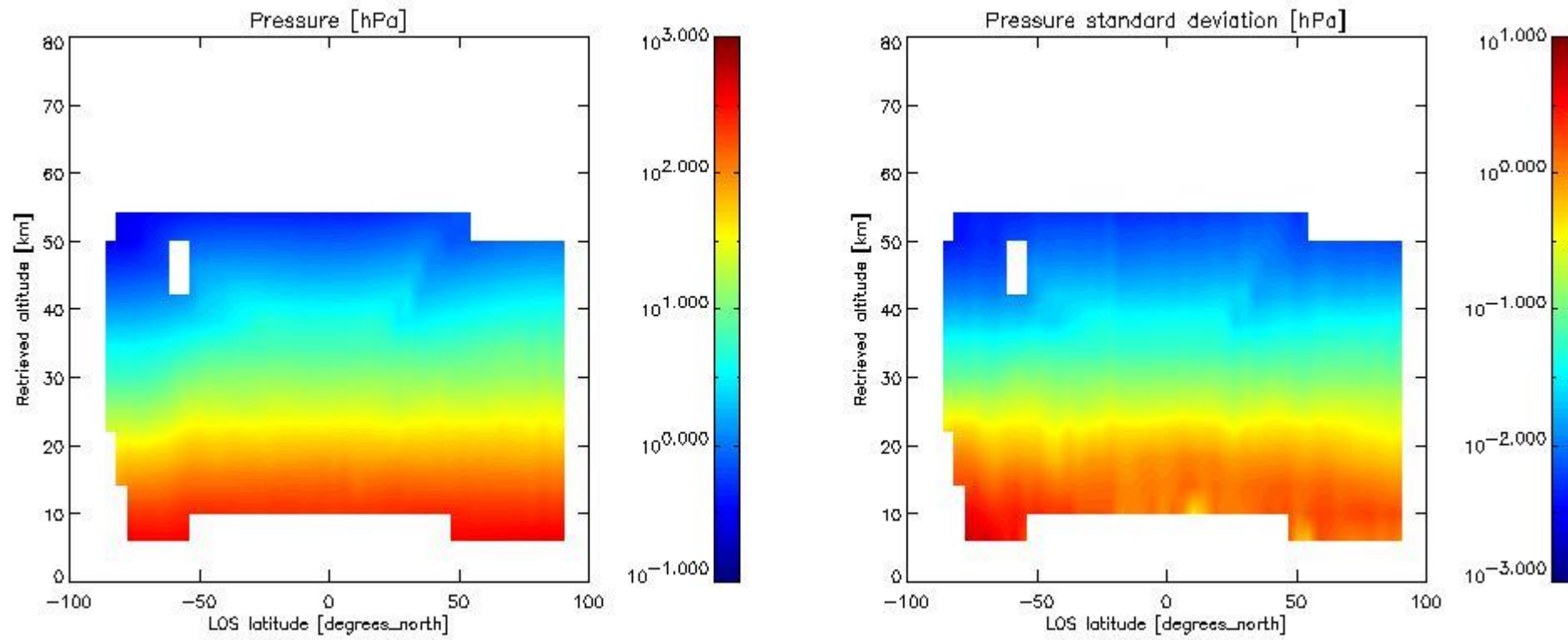
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
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PT	777	672	86.486
H2O	777	672	86.486
O3	777	672	86.486
HNO3	777	672	86.486
CH4	777	672	86.486
N2O	777	672	86.486
NO2	777	672	86.486
F11	777	672	86.486
CLNO	777	672	86.486
N2O5	777	672	86.486
F12	777	672	86.486
COF2	777	672	86.486
CCL4	777	672	86.486
HCN	777	672	86.486
F14	777	672	86.486
F22	777	672	86.486



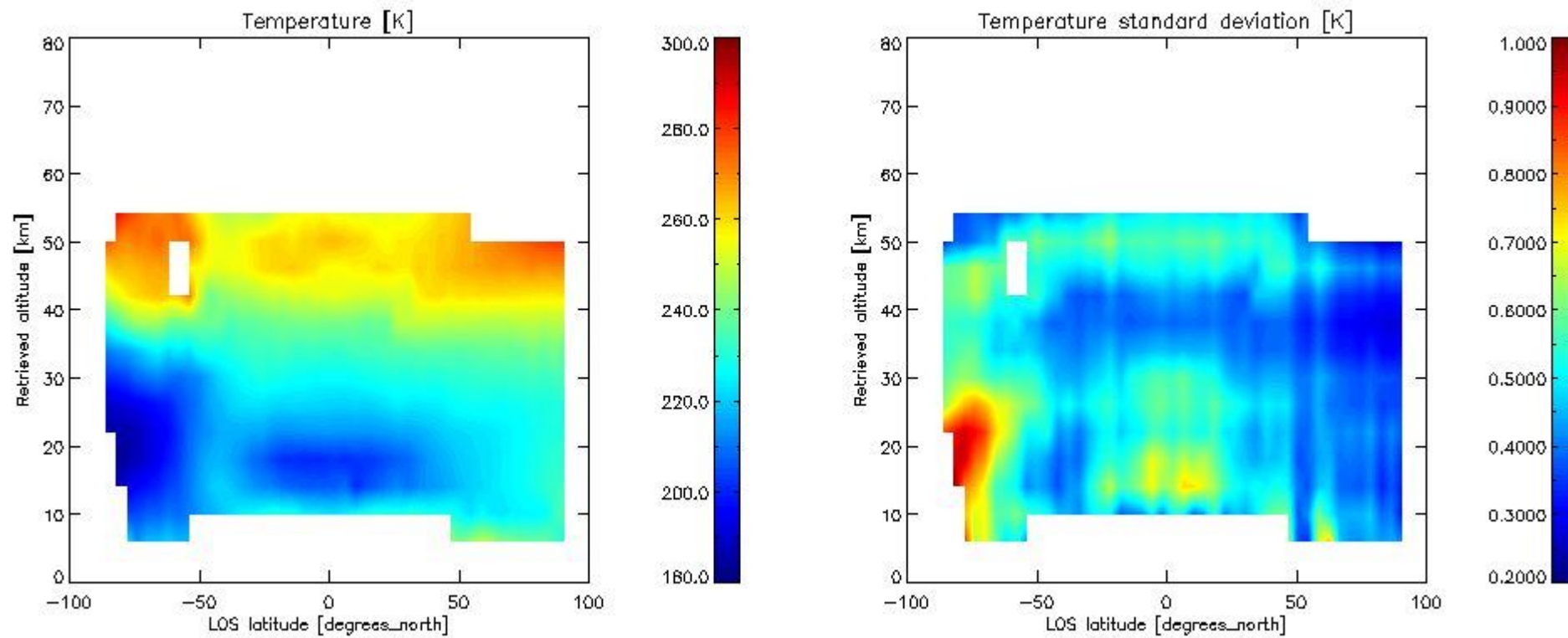
2.2.2 Pressure overview

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



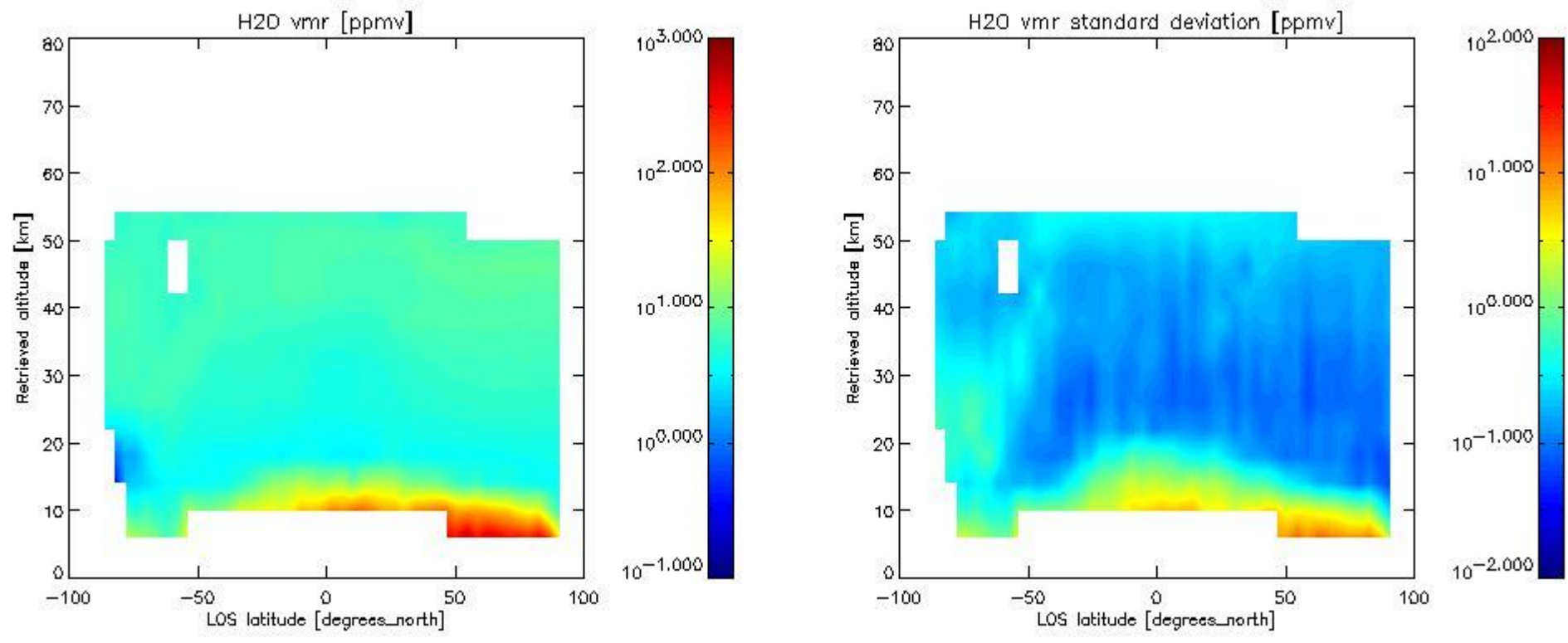
2.2.3 Temperature overview

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

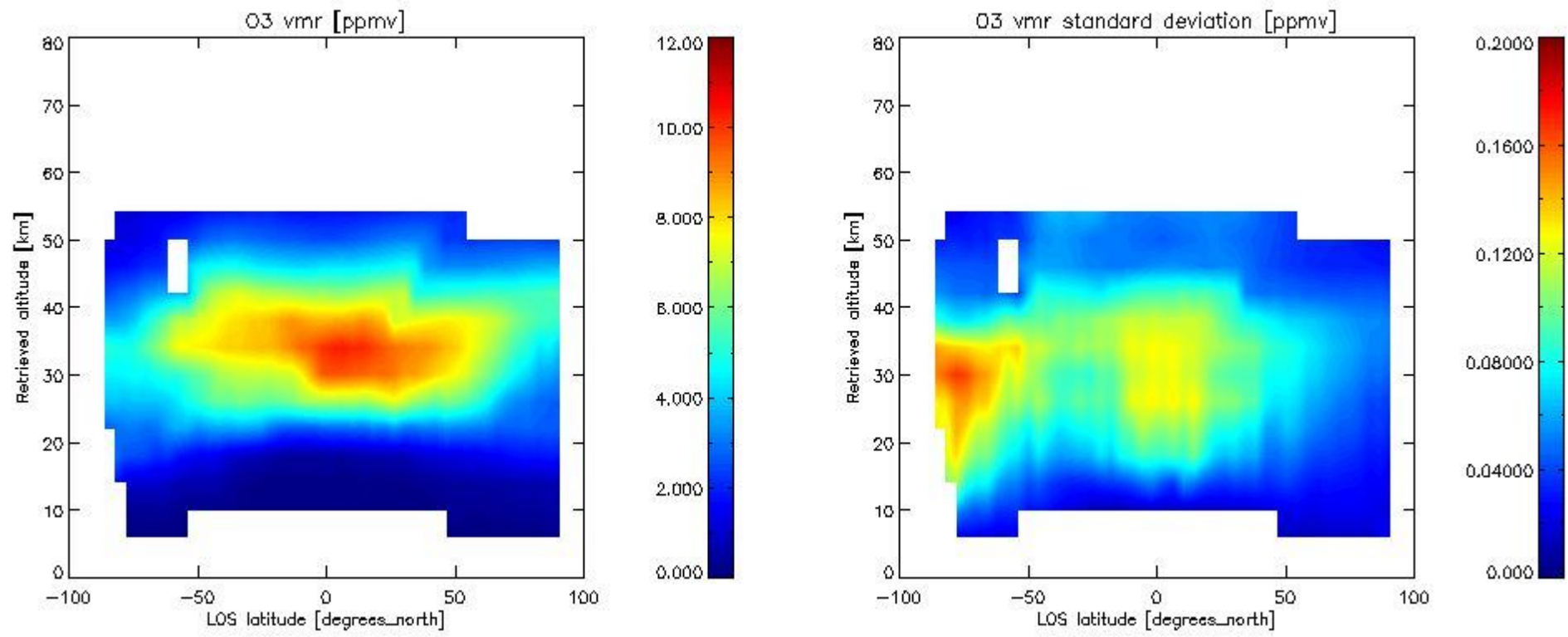


2.2.4 Species overview

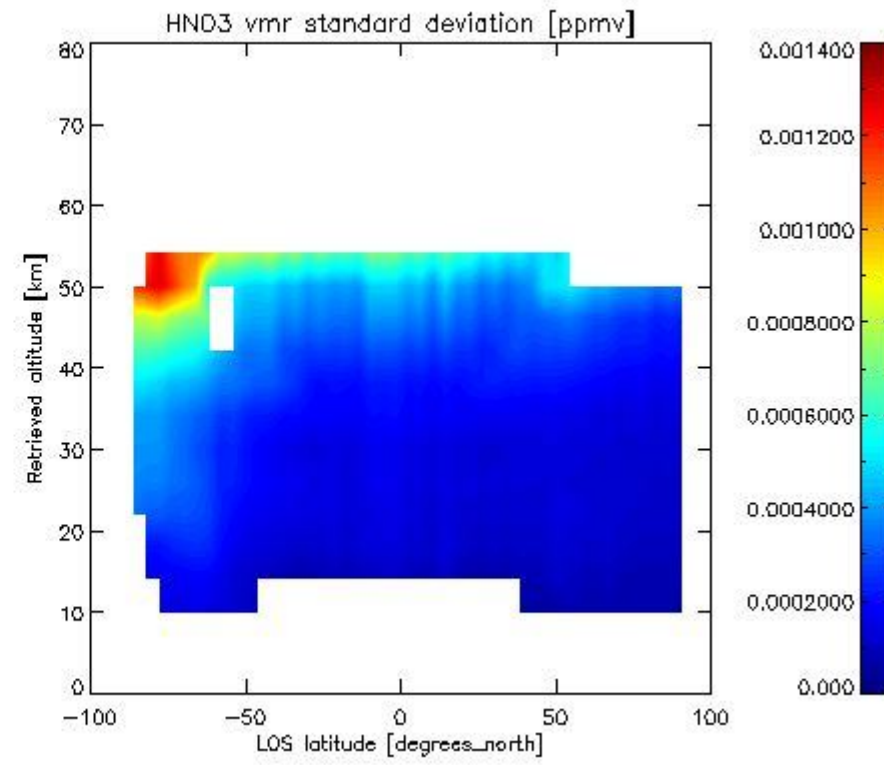
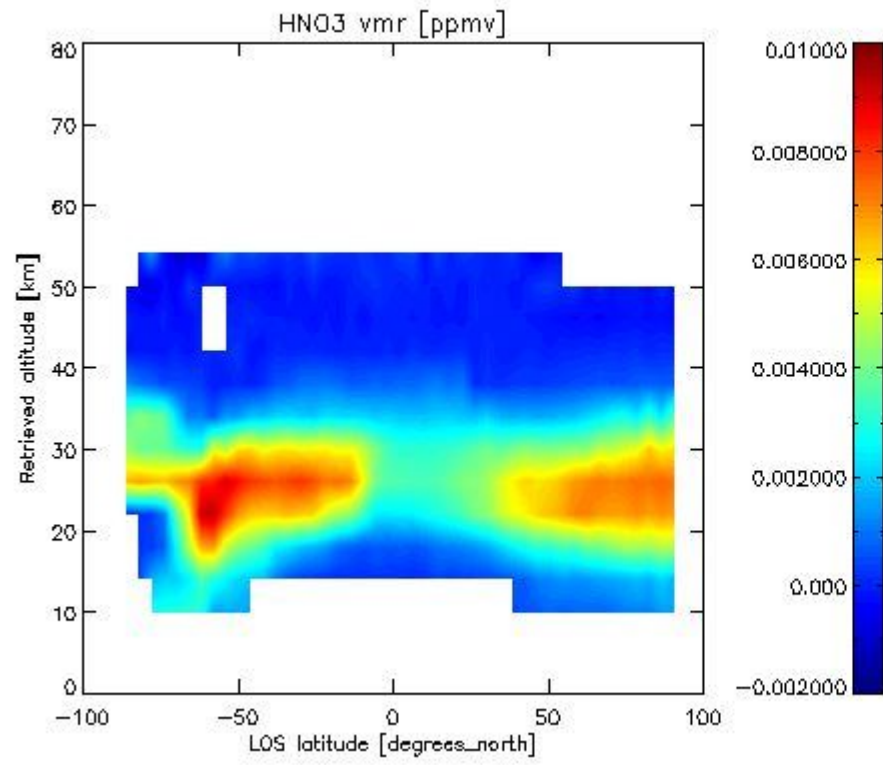
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



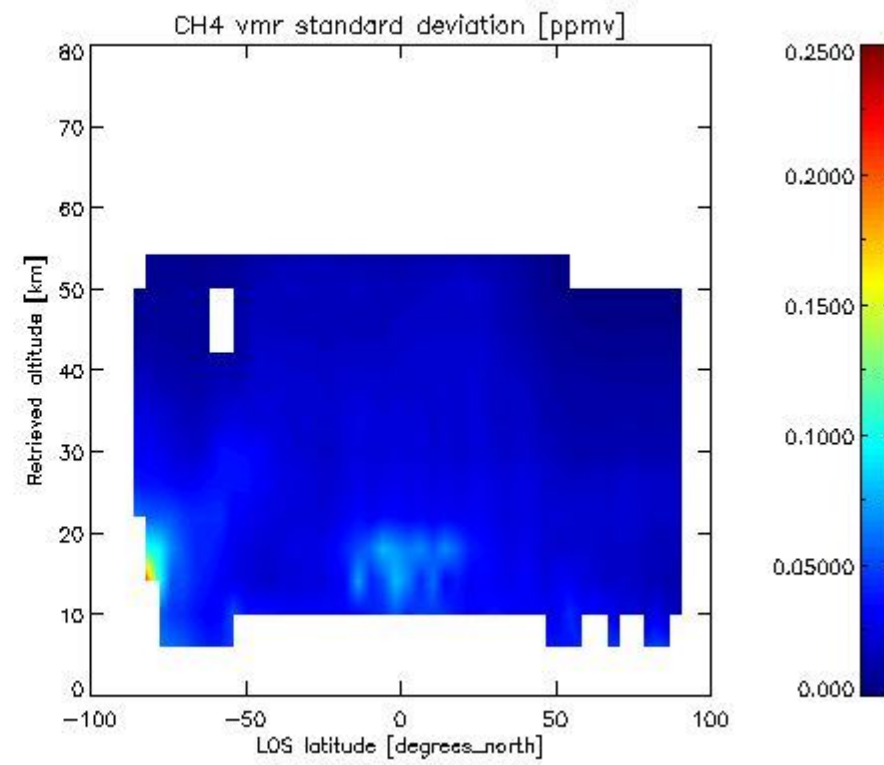
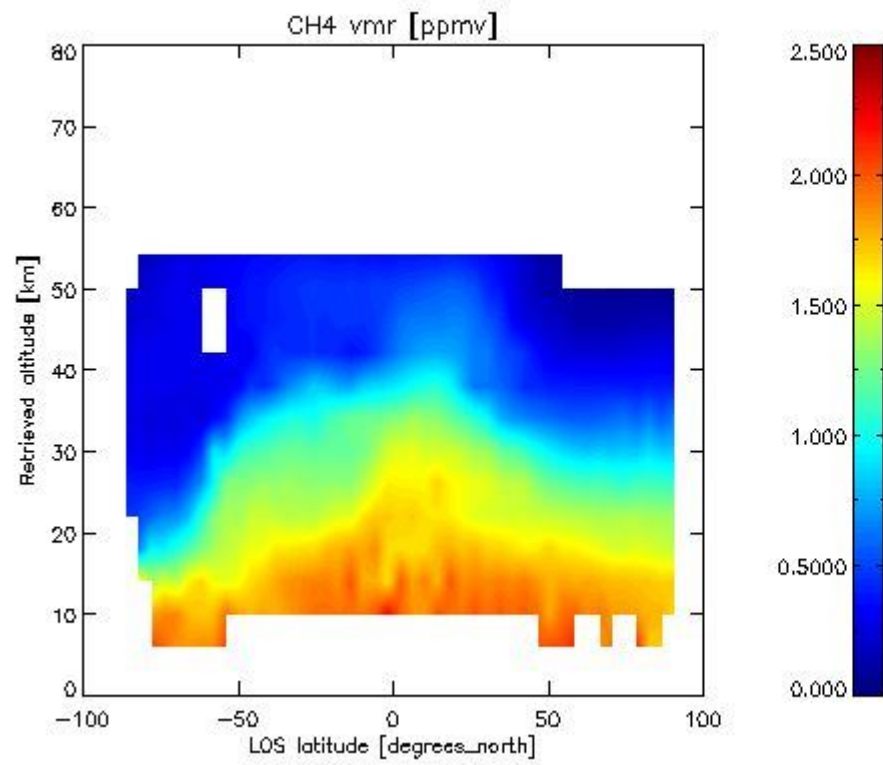
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



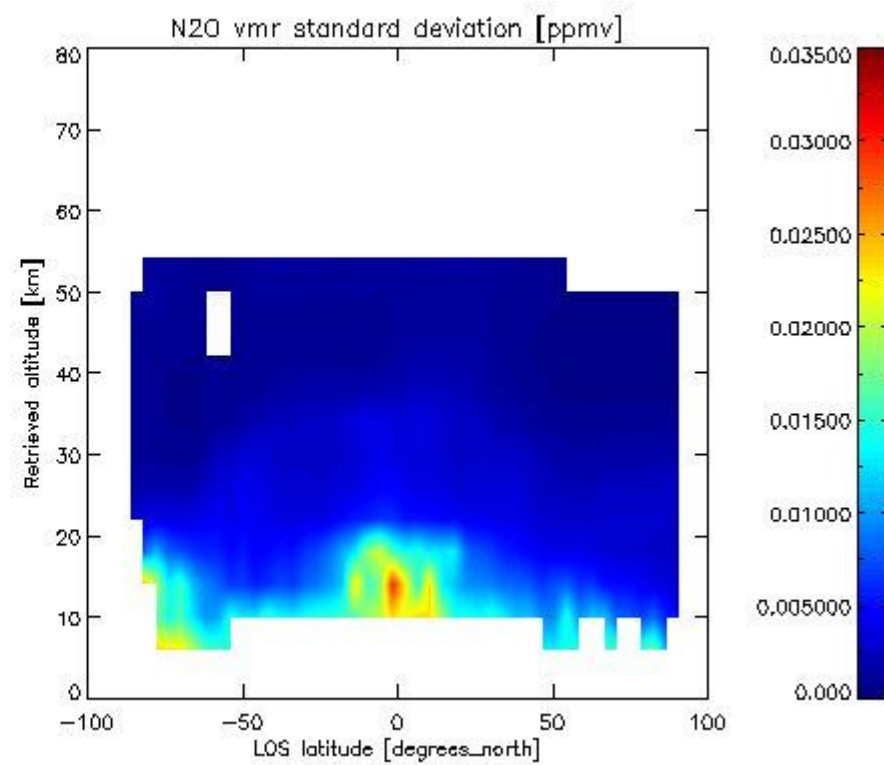
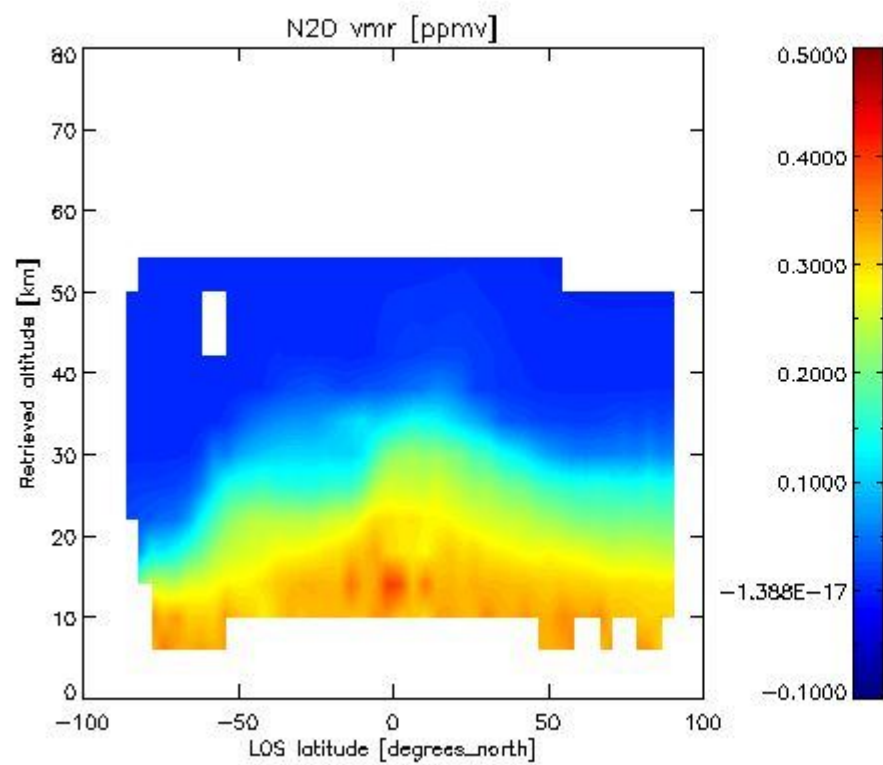
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



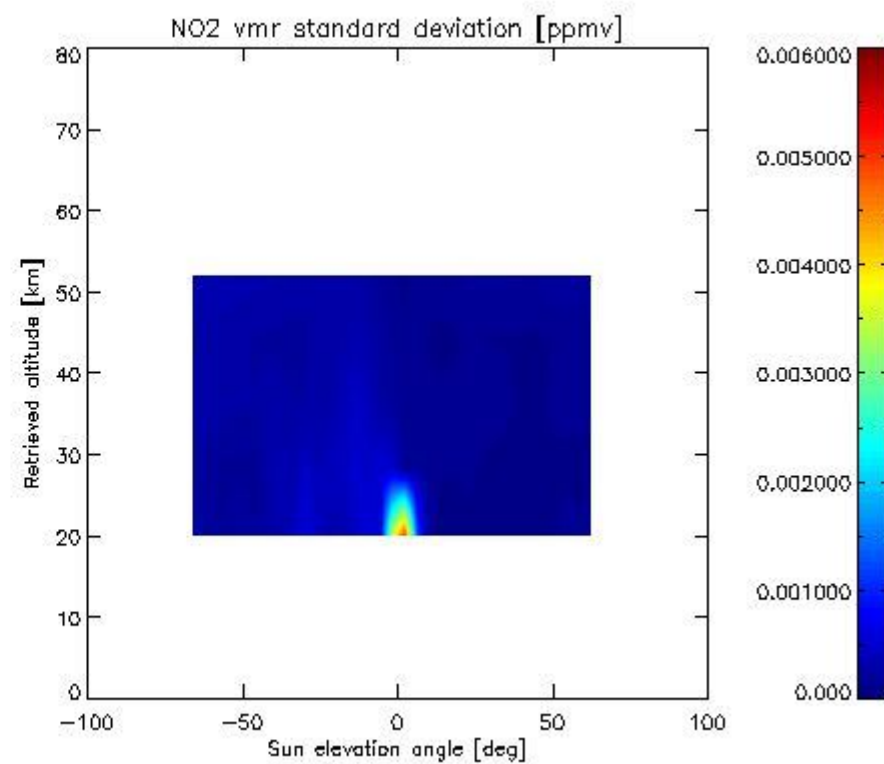
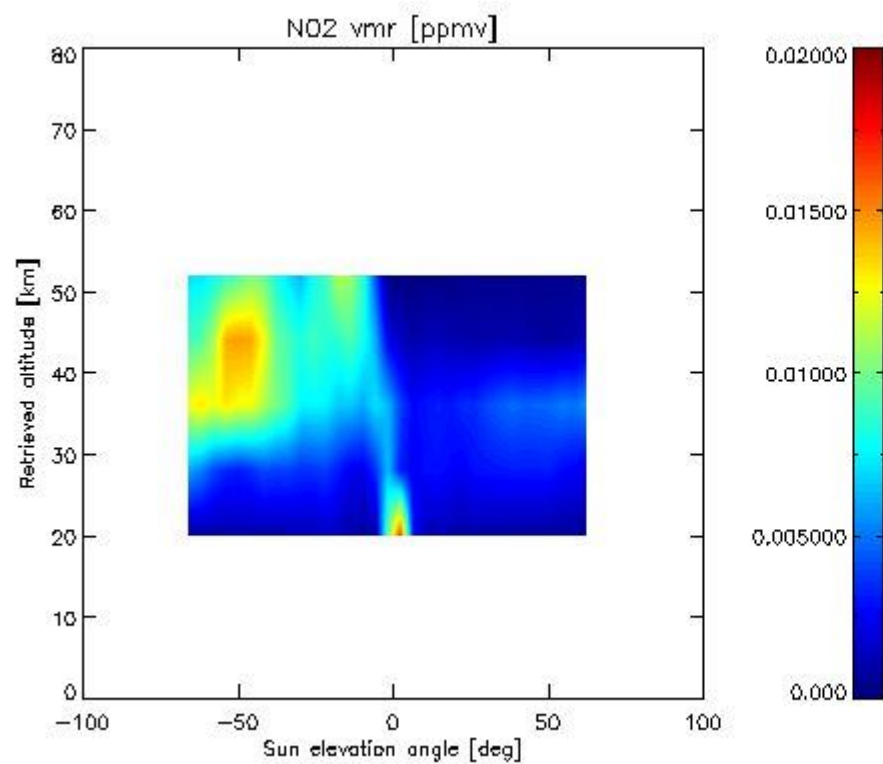
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



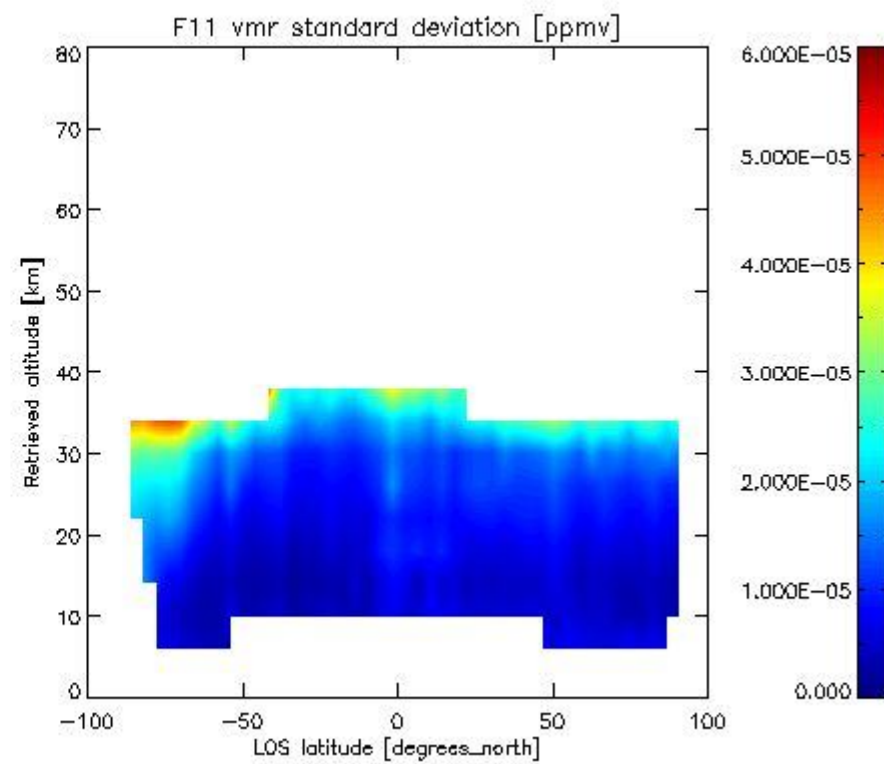
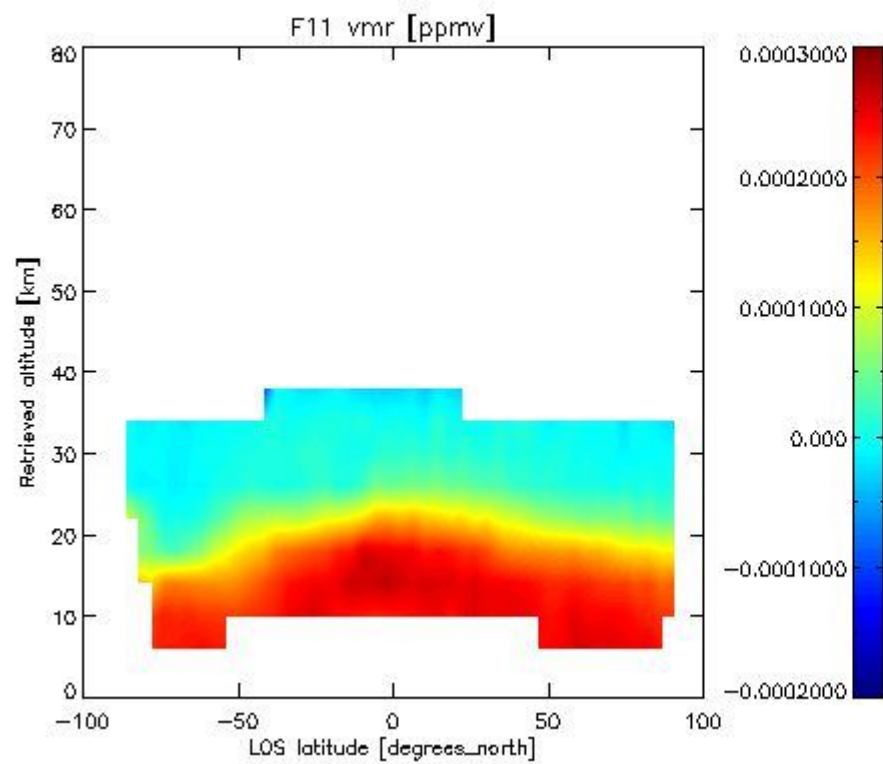
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



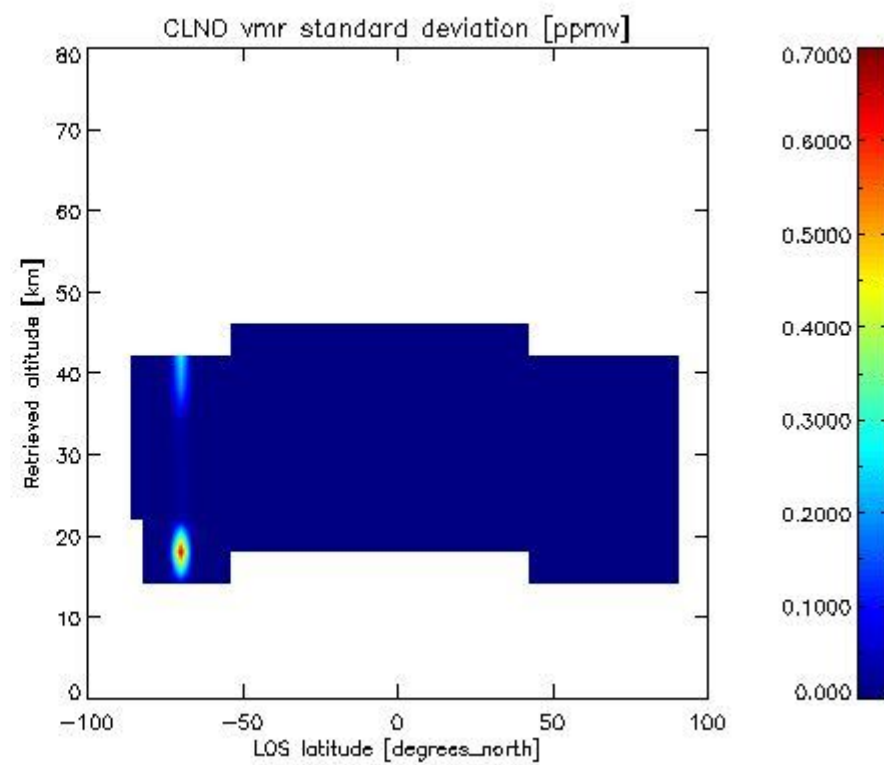
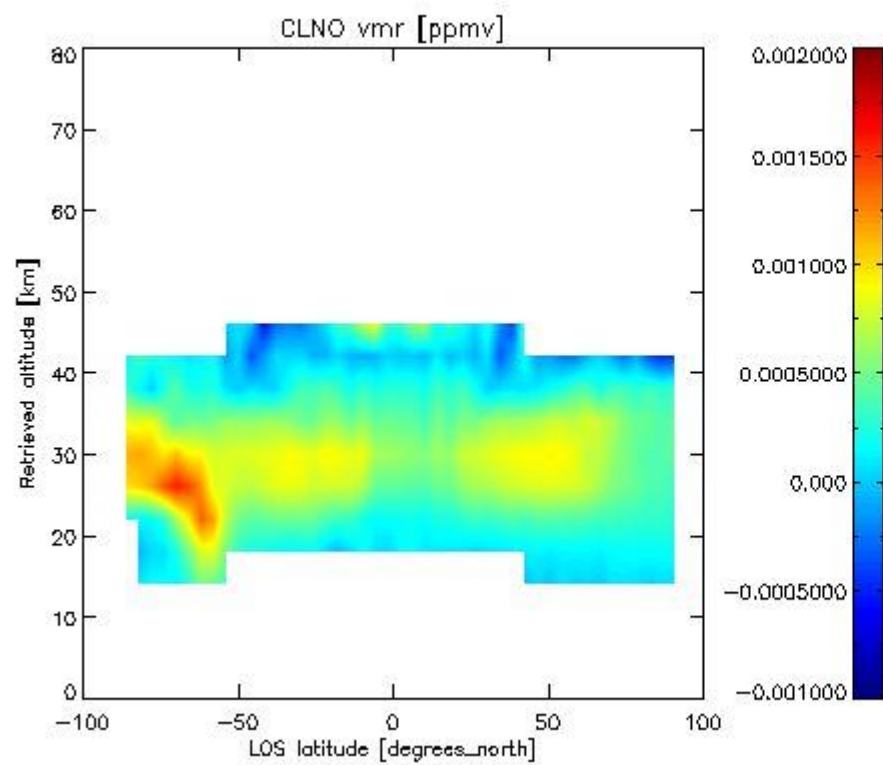
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 6 km.



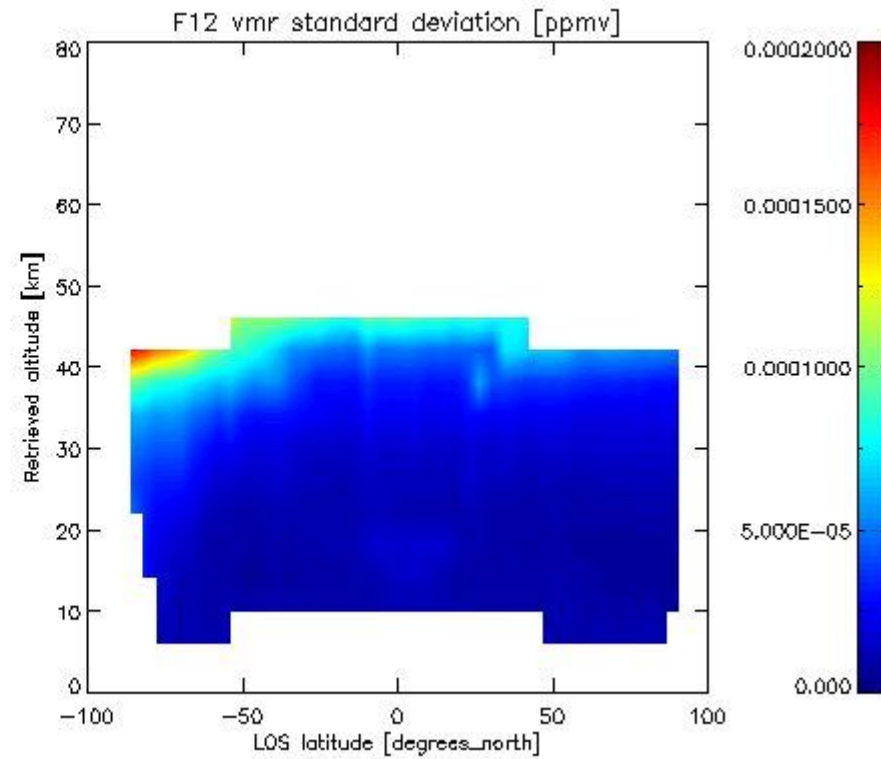
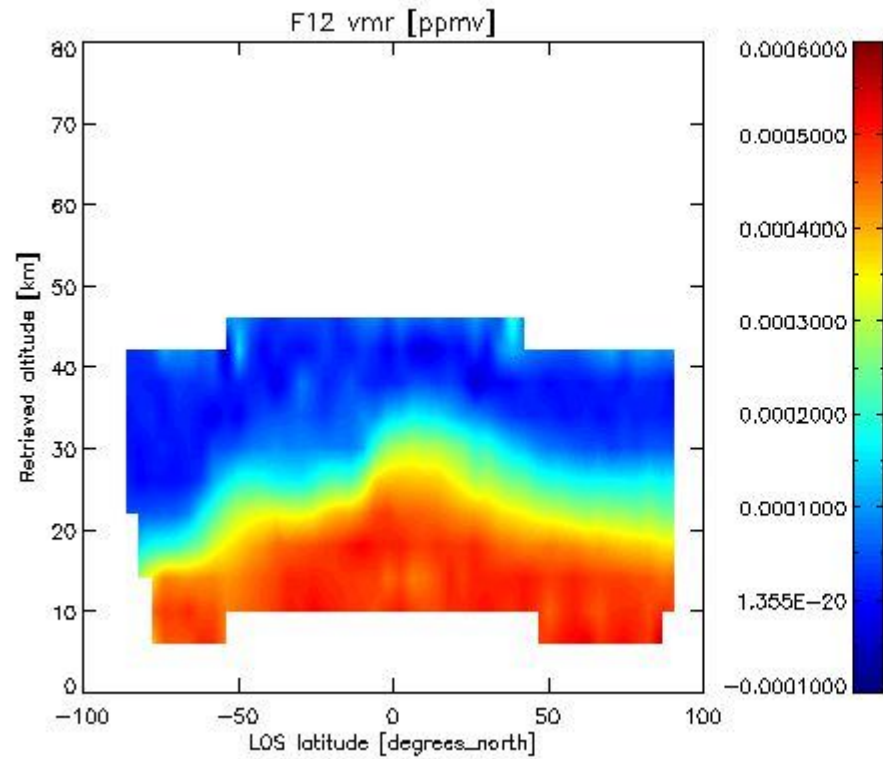
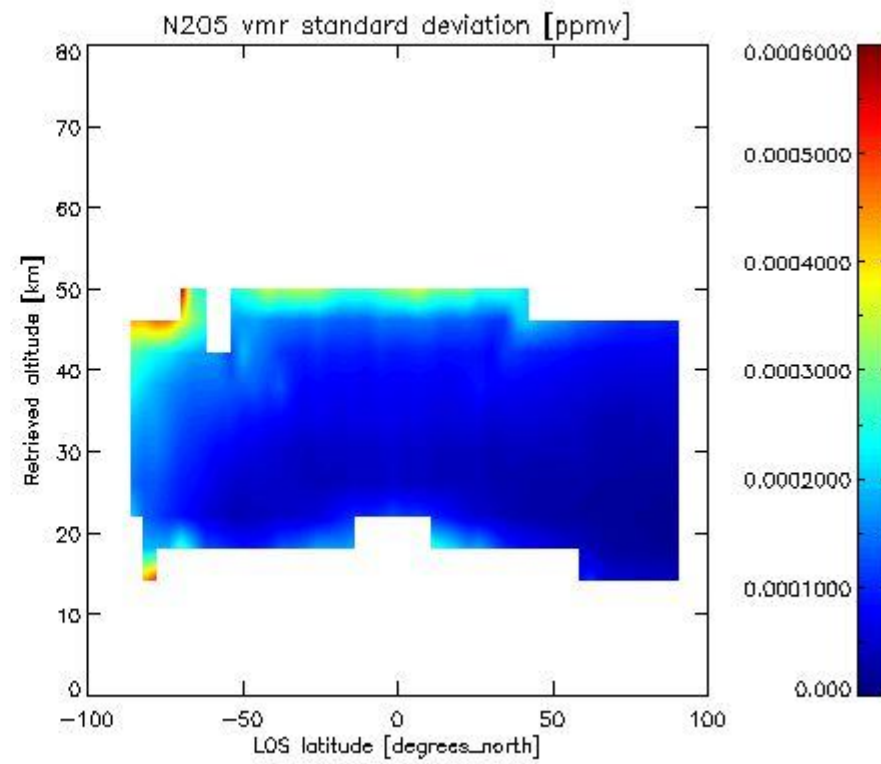
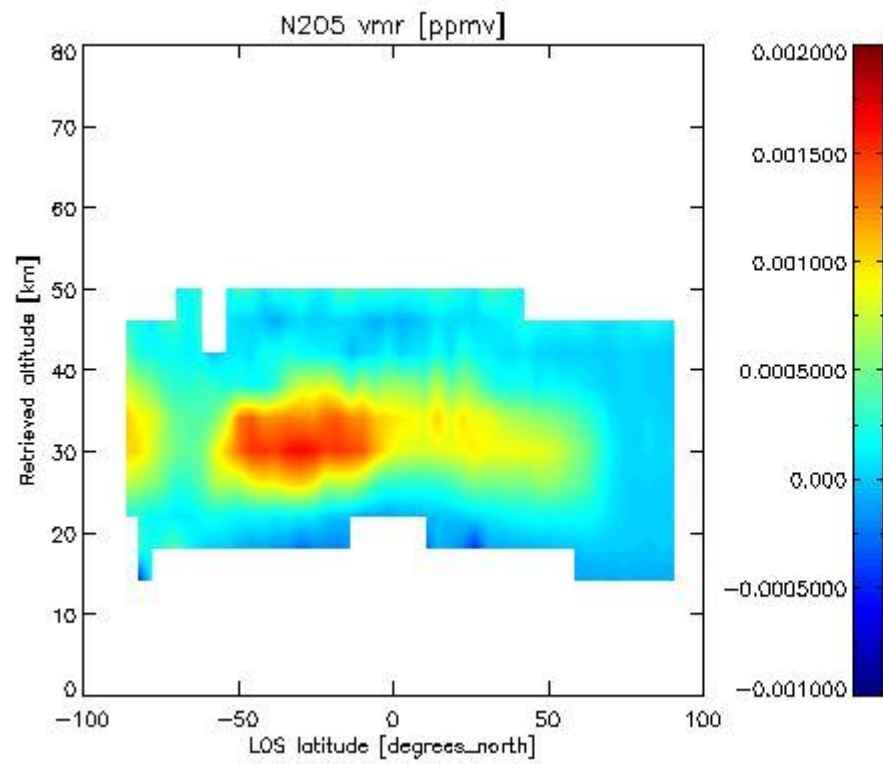
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

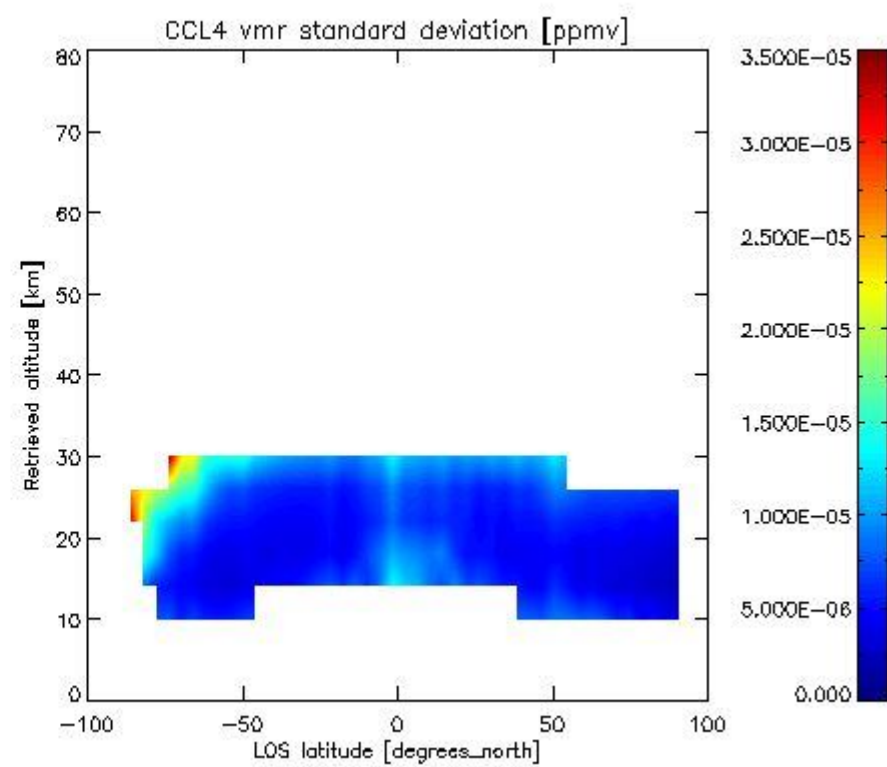
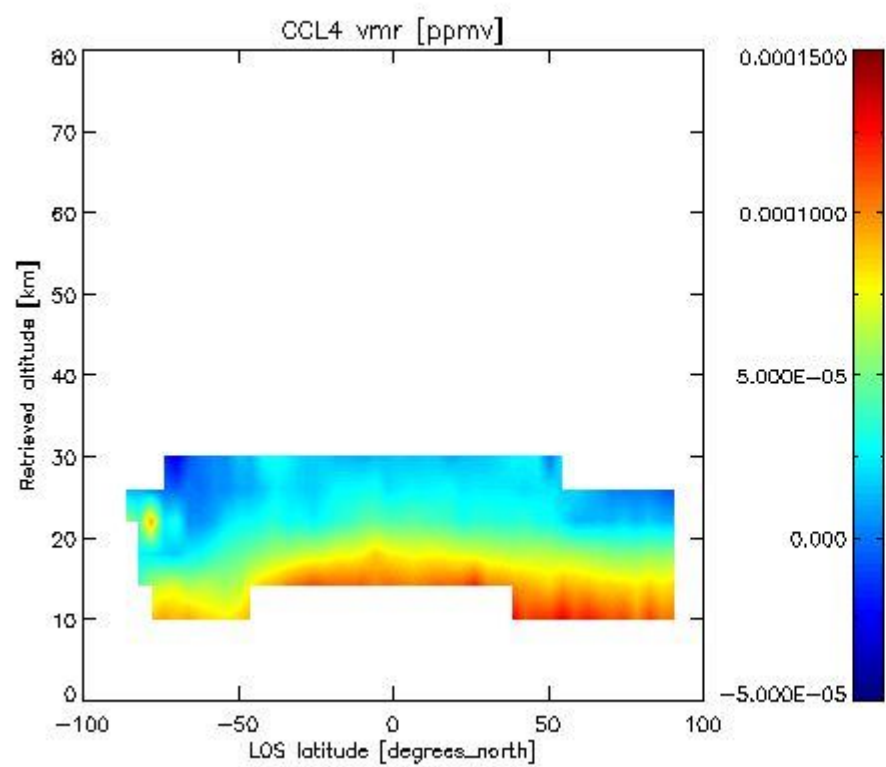
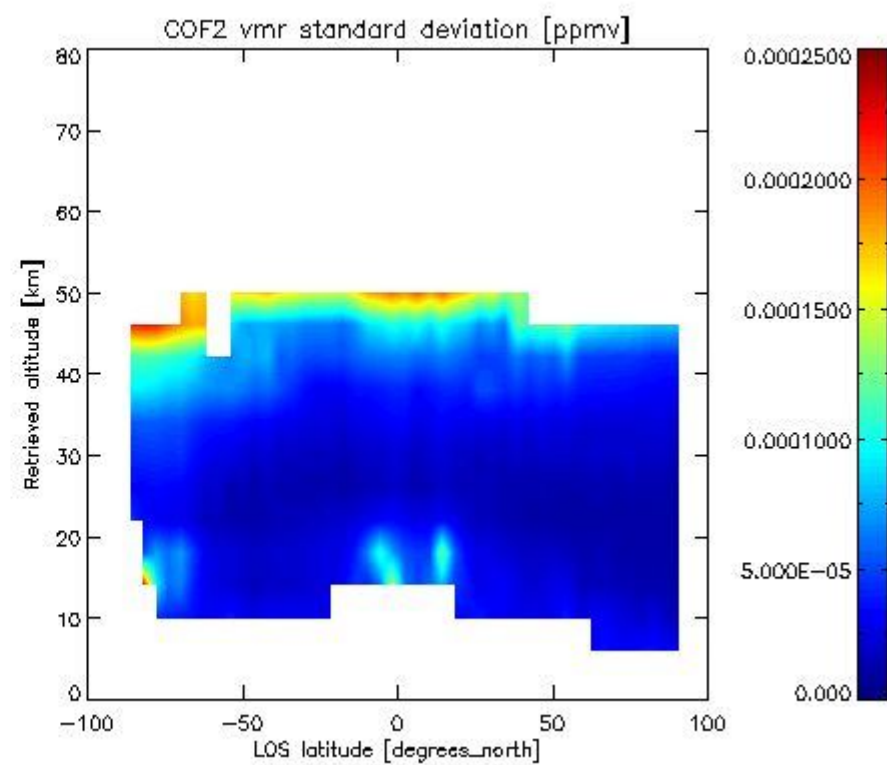
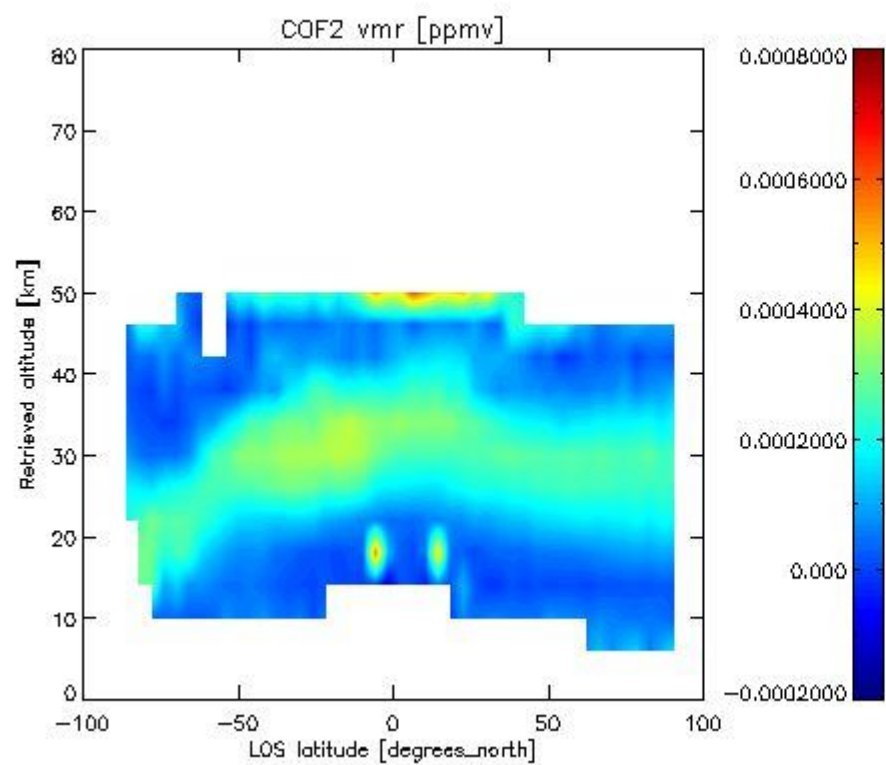


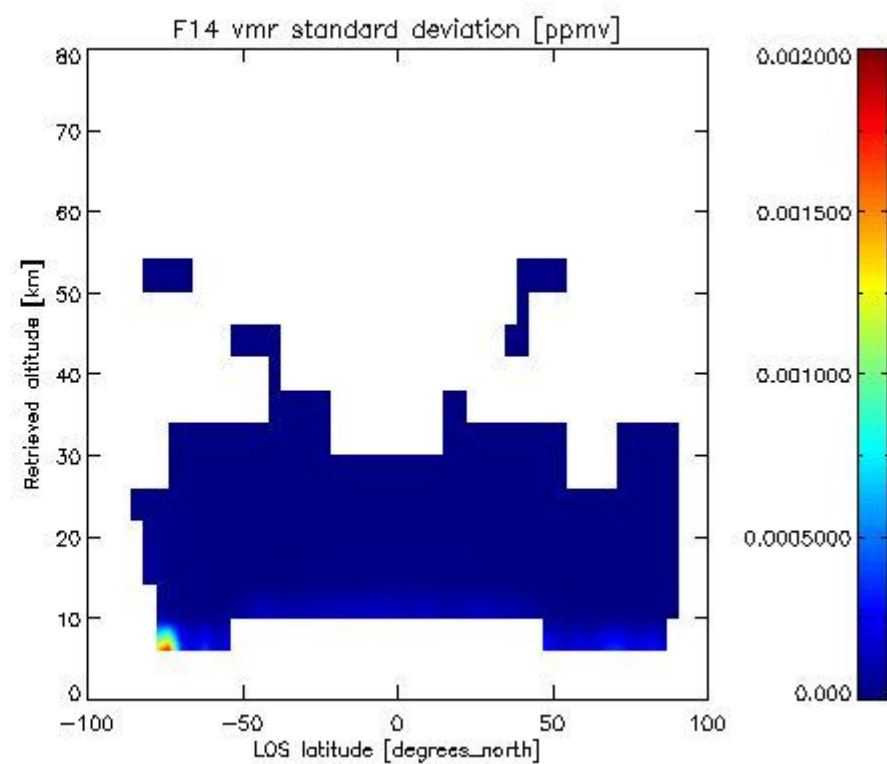
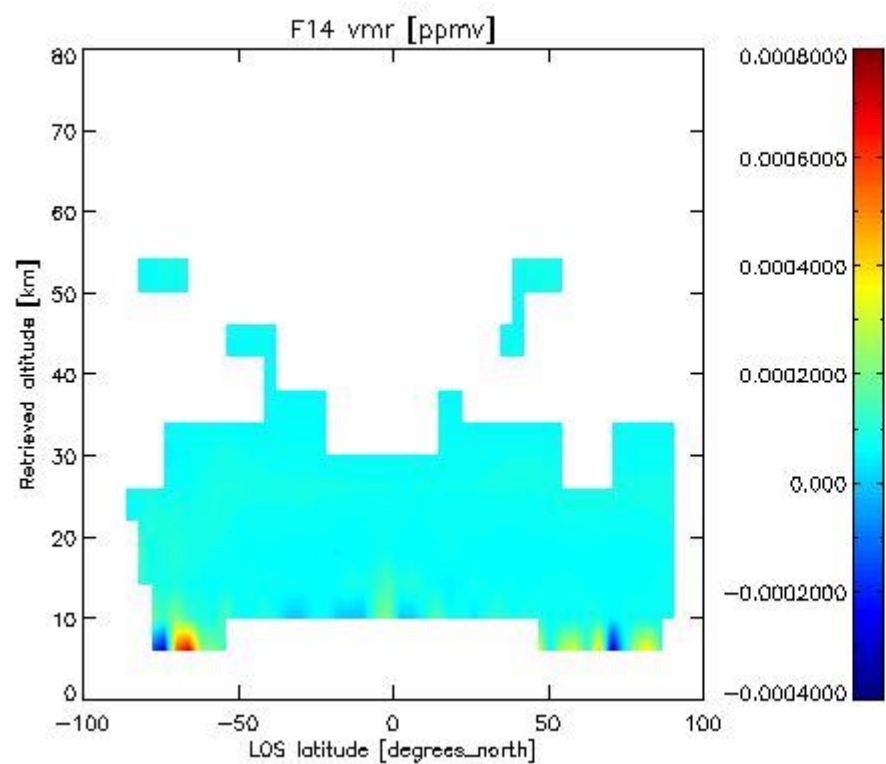
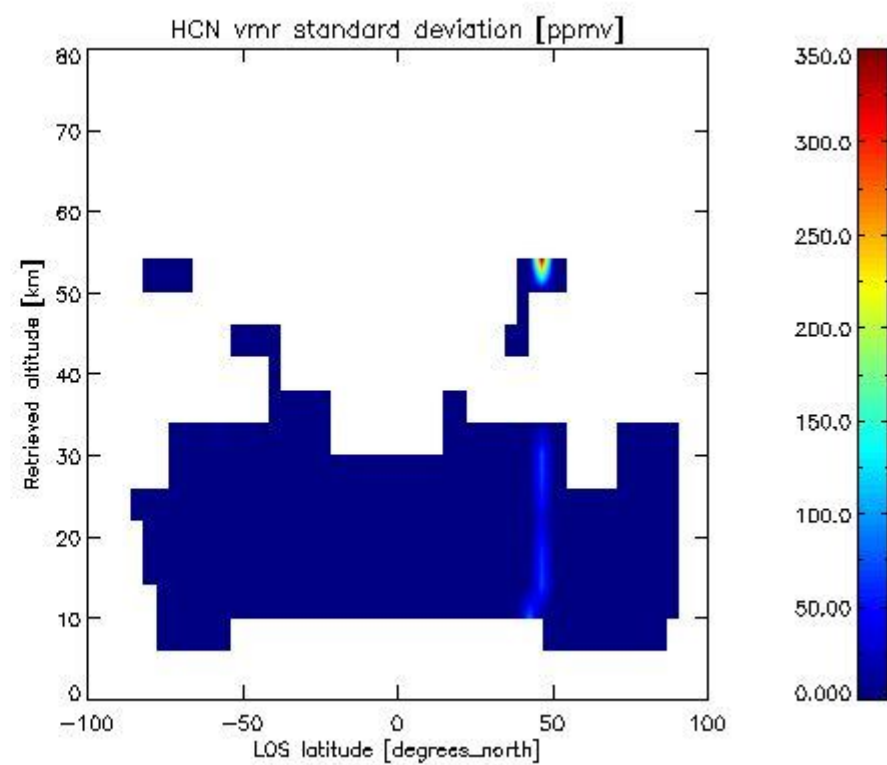
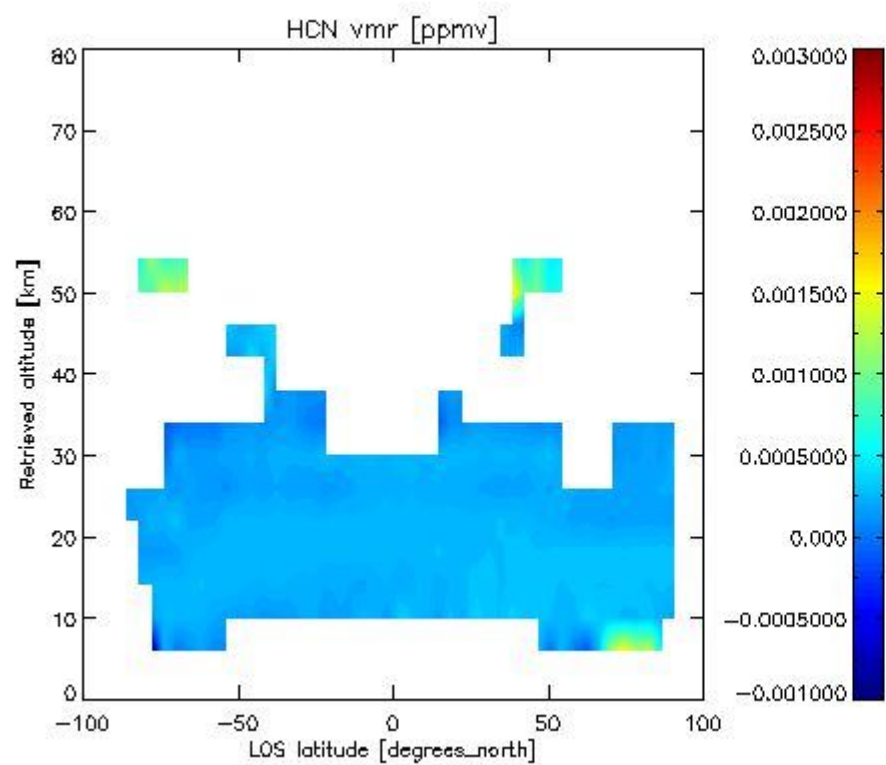
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

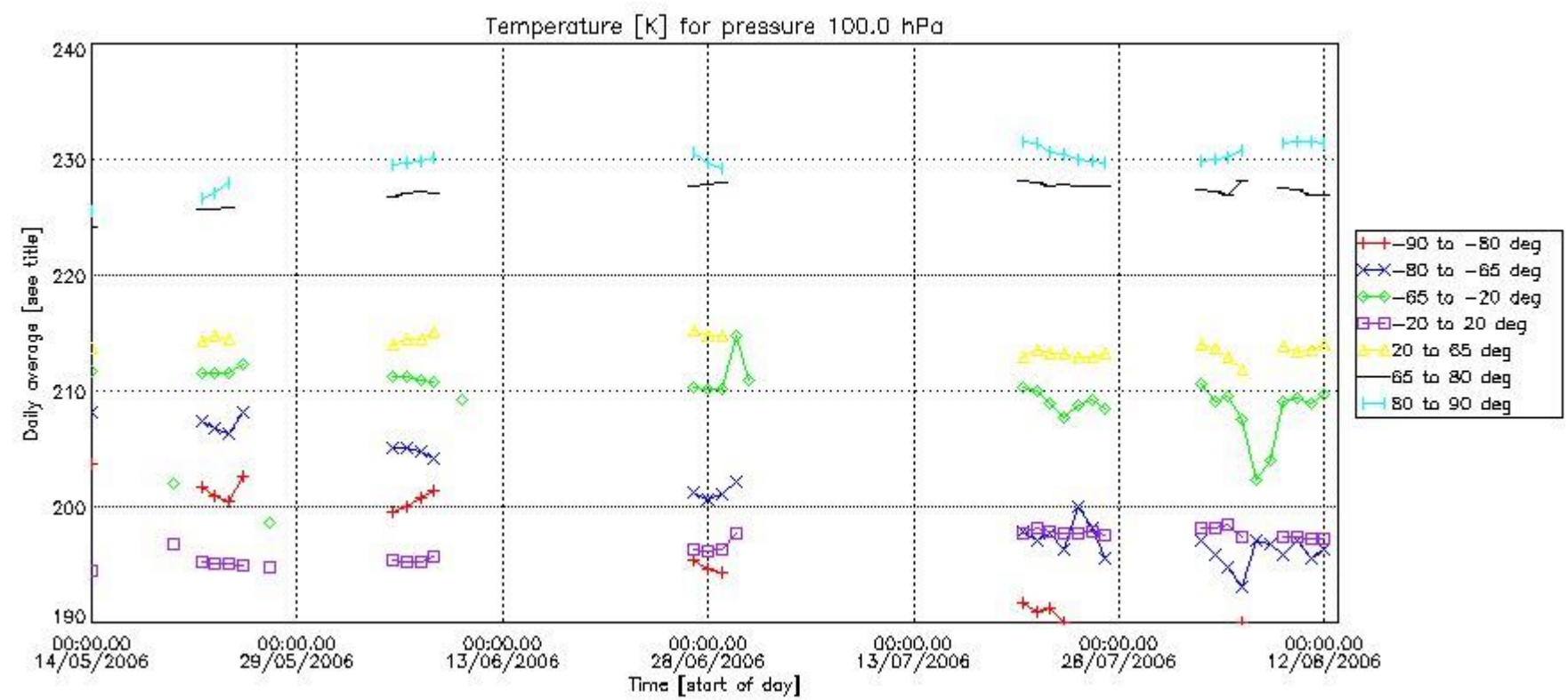
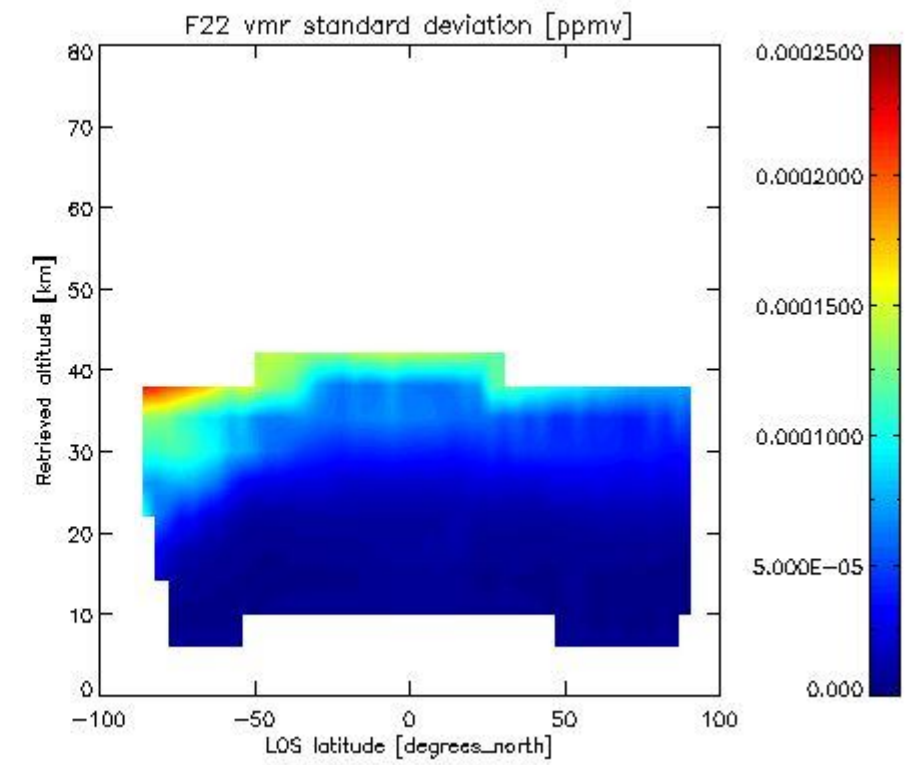
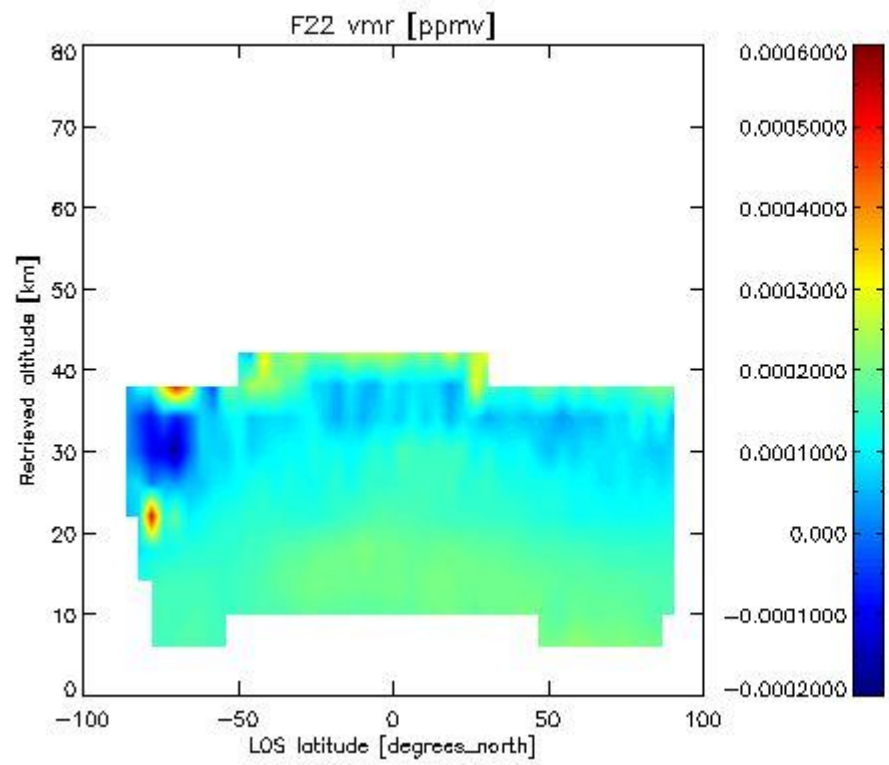


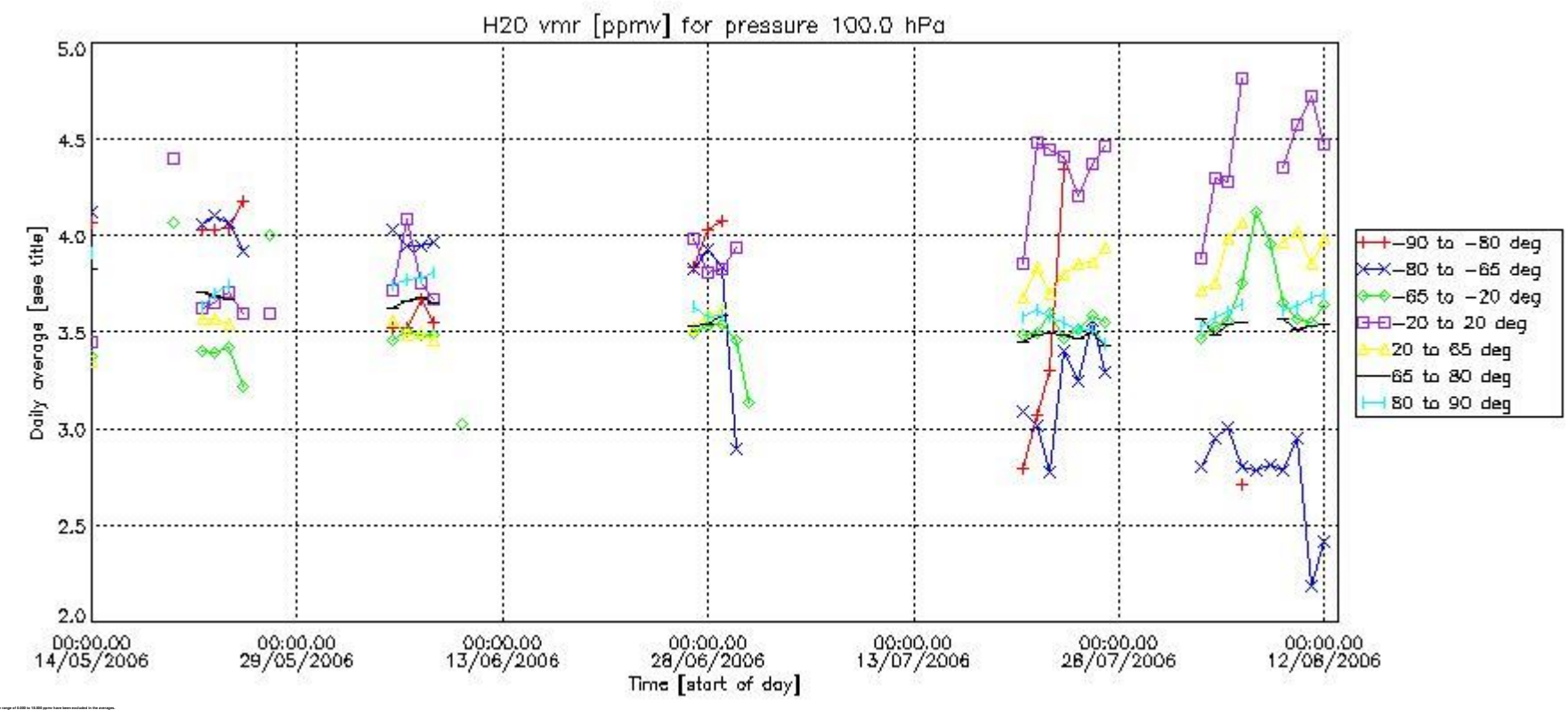
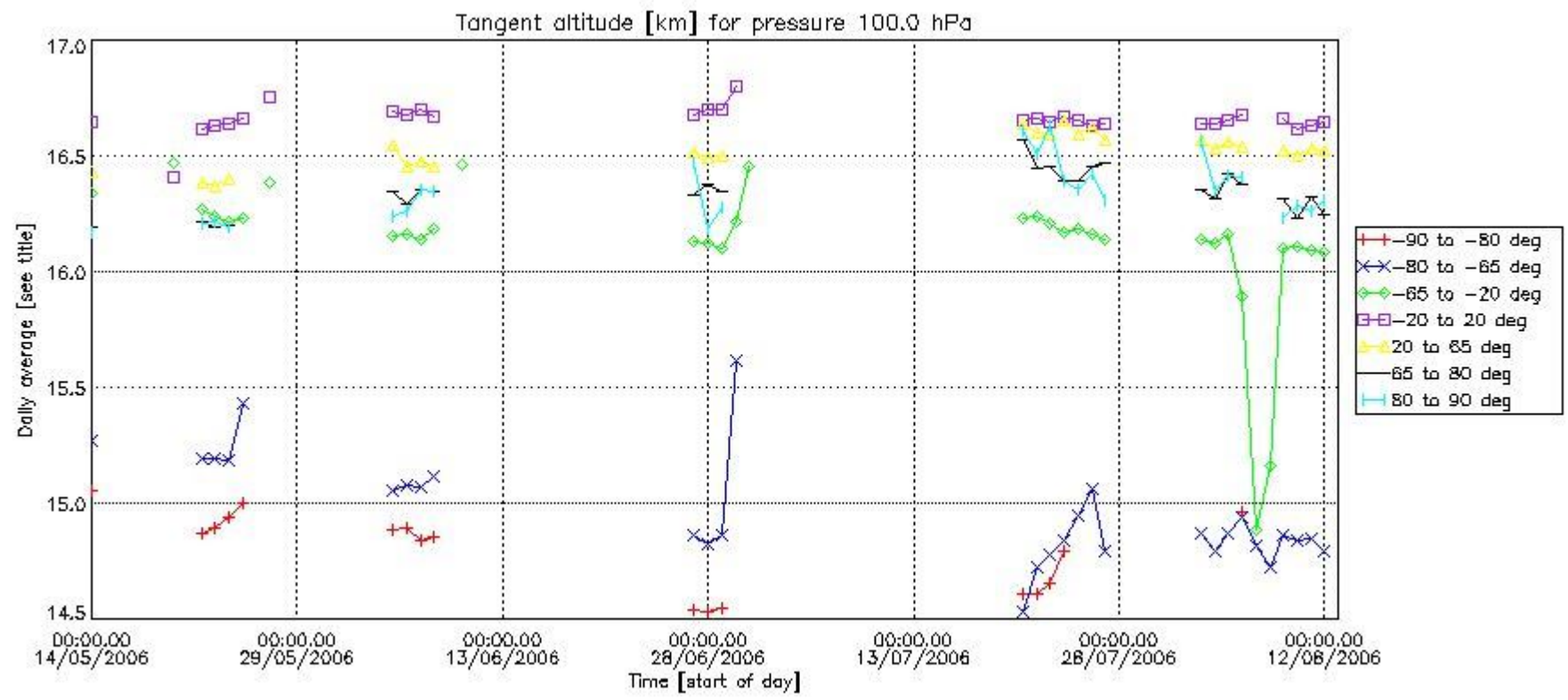
2.3.4.5 CLND vmr: This section shows values (left) and error (right) for CLND after binning individual vmr values over retrieved altitude and target latitude.

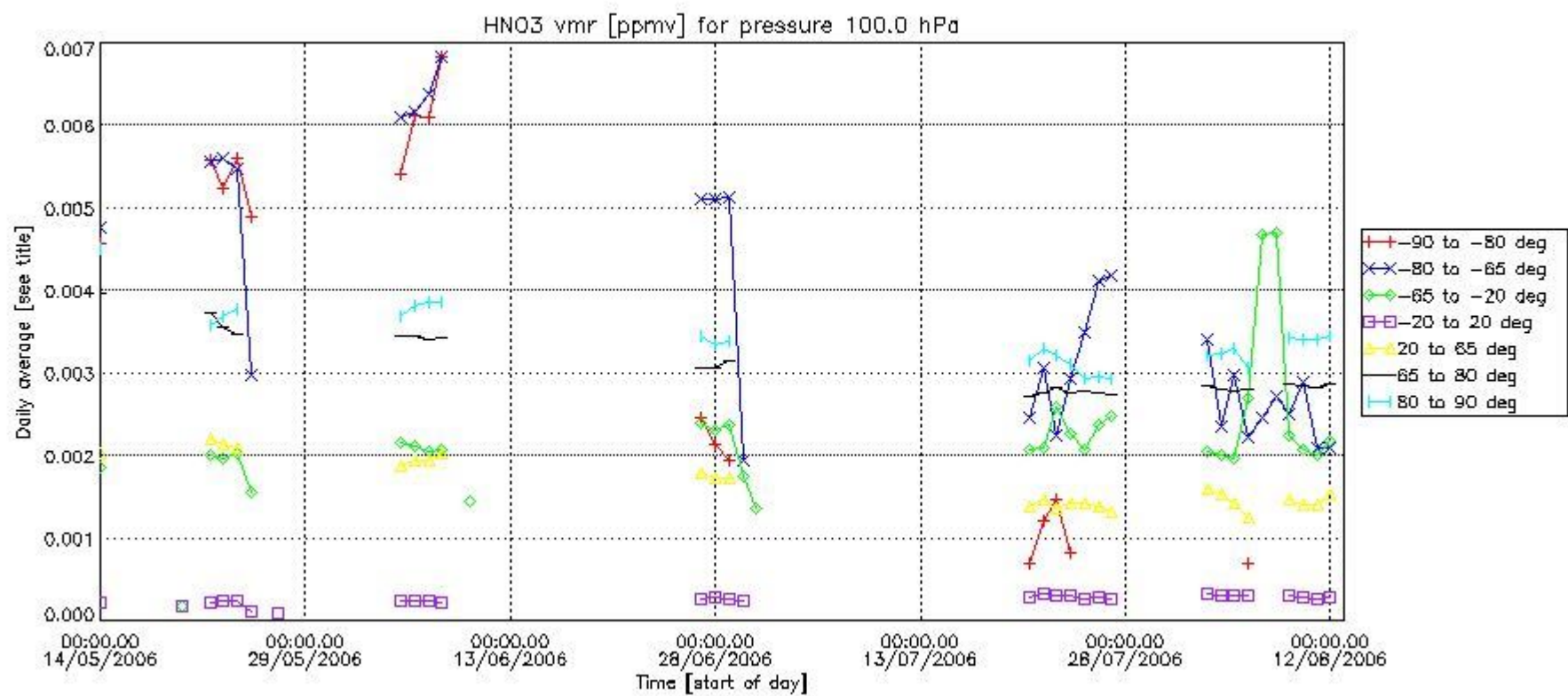
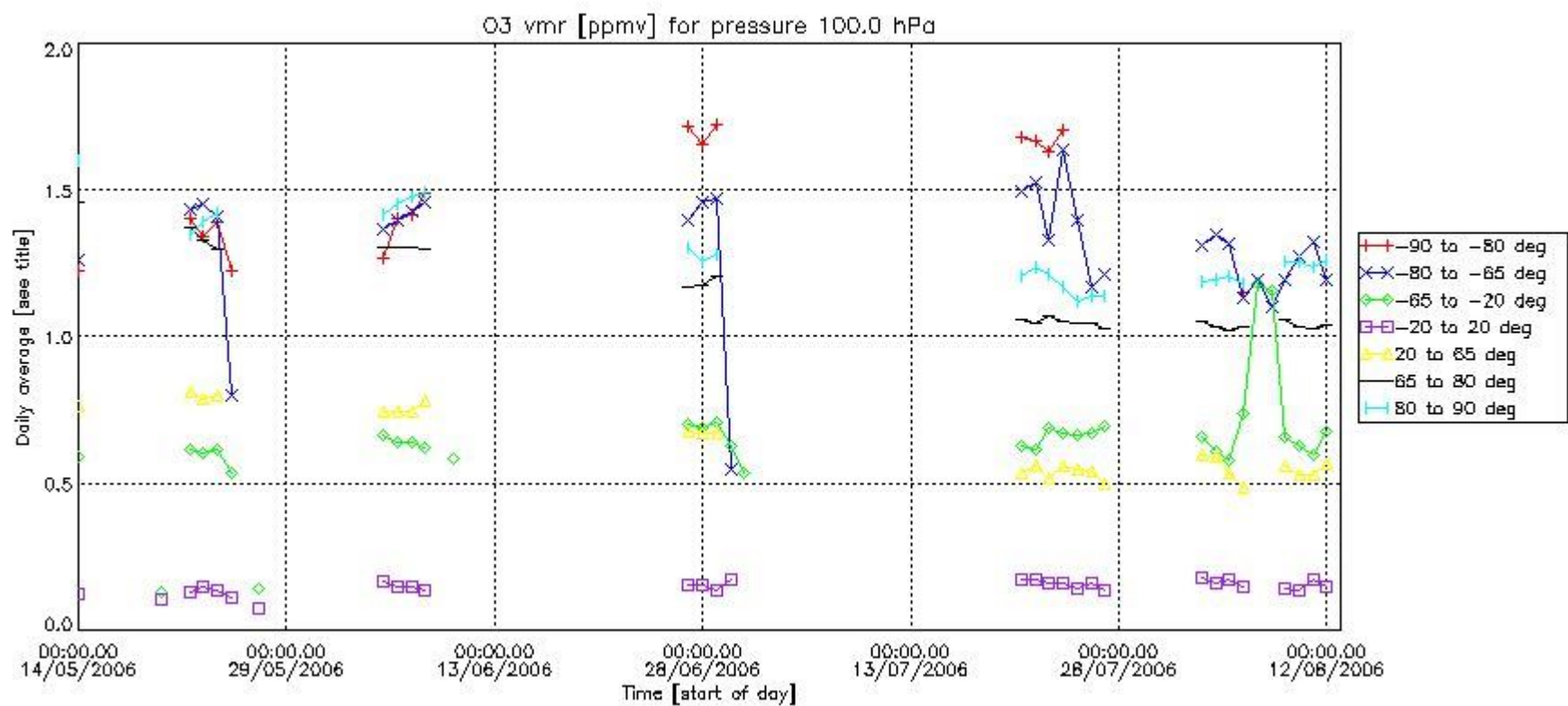


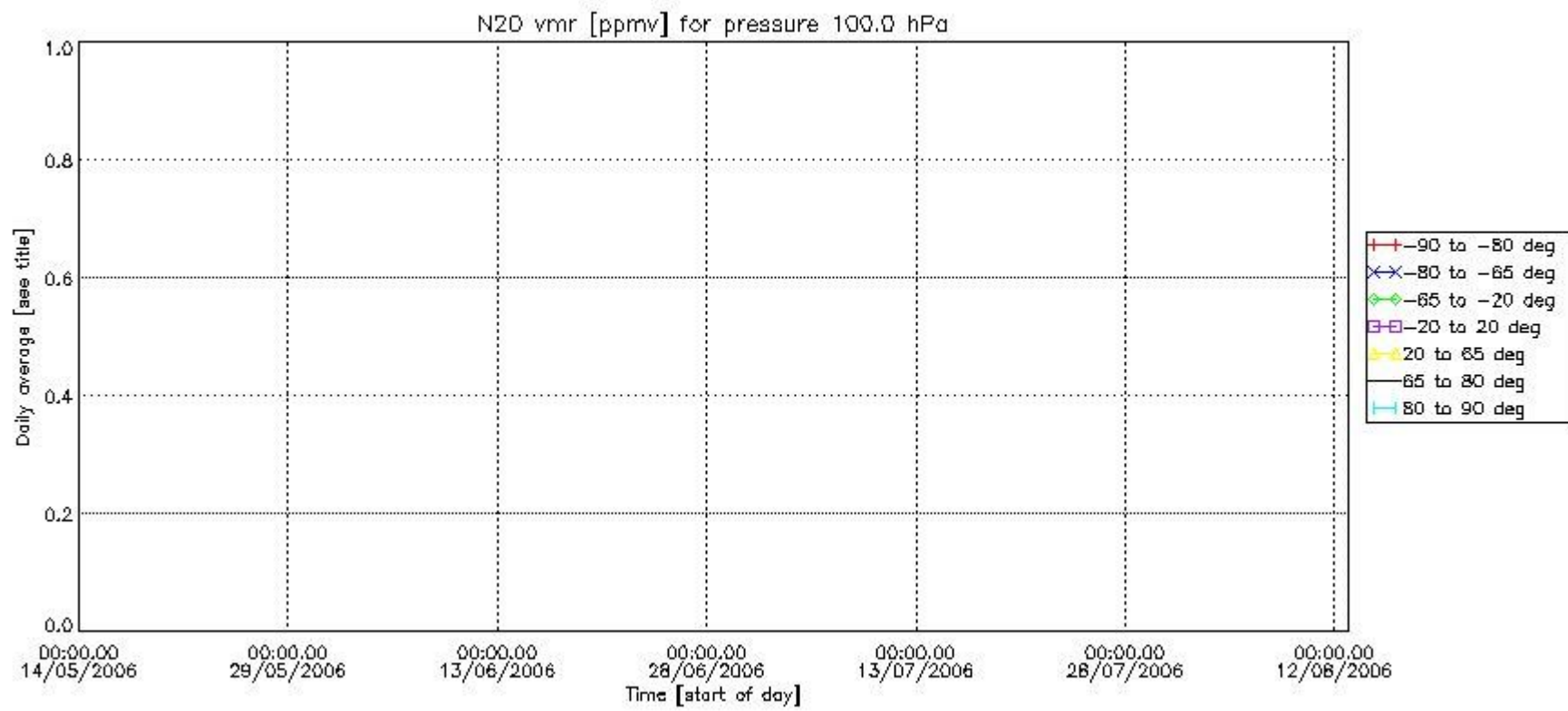
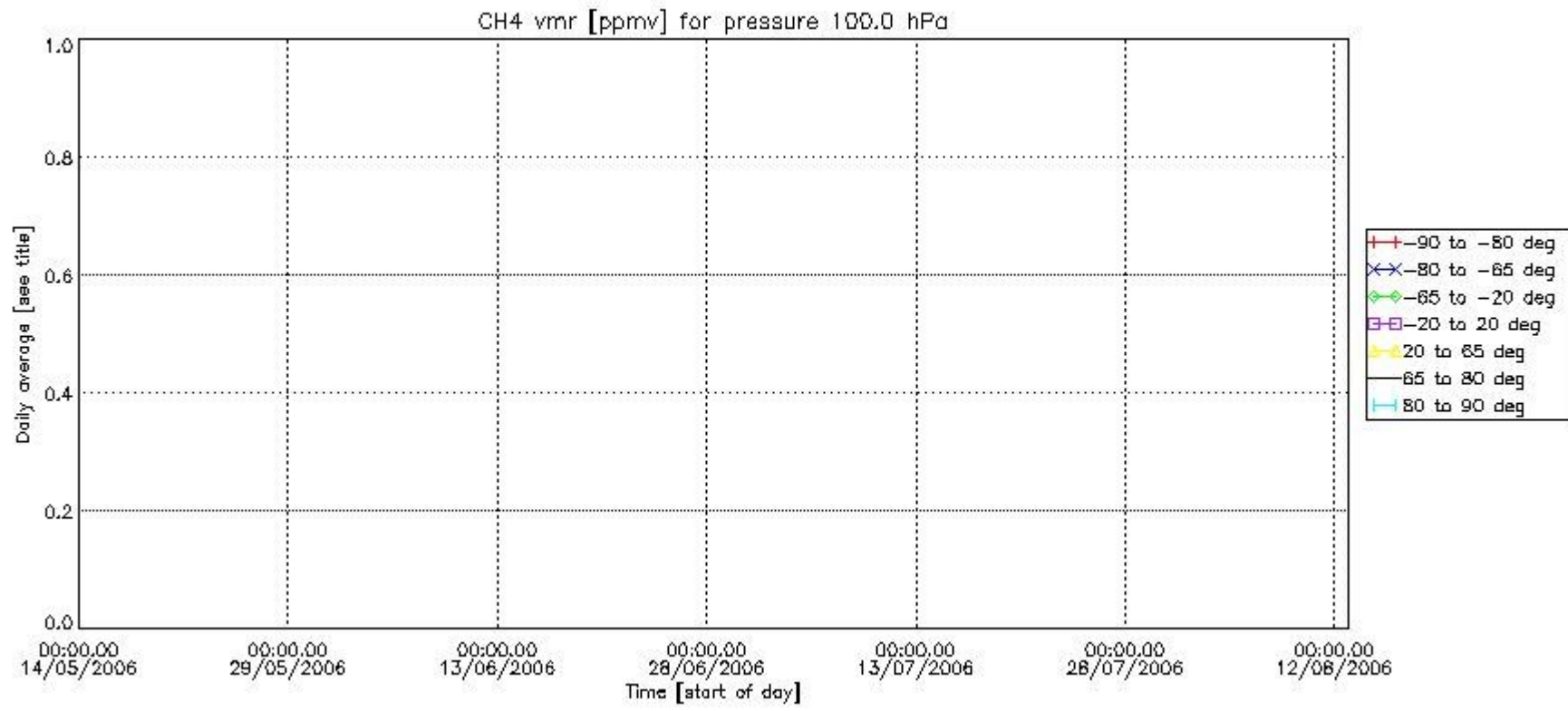


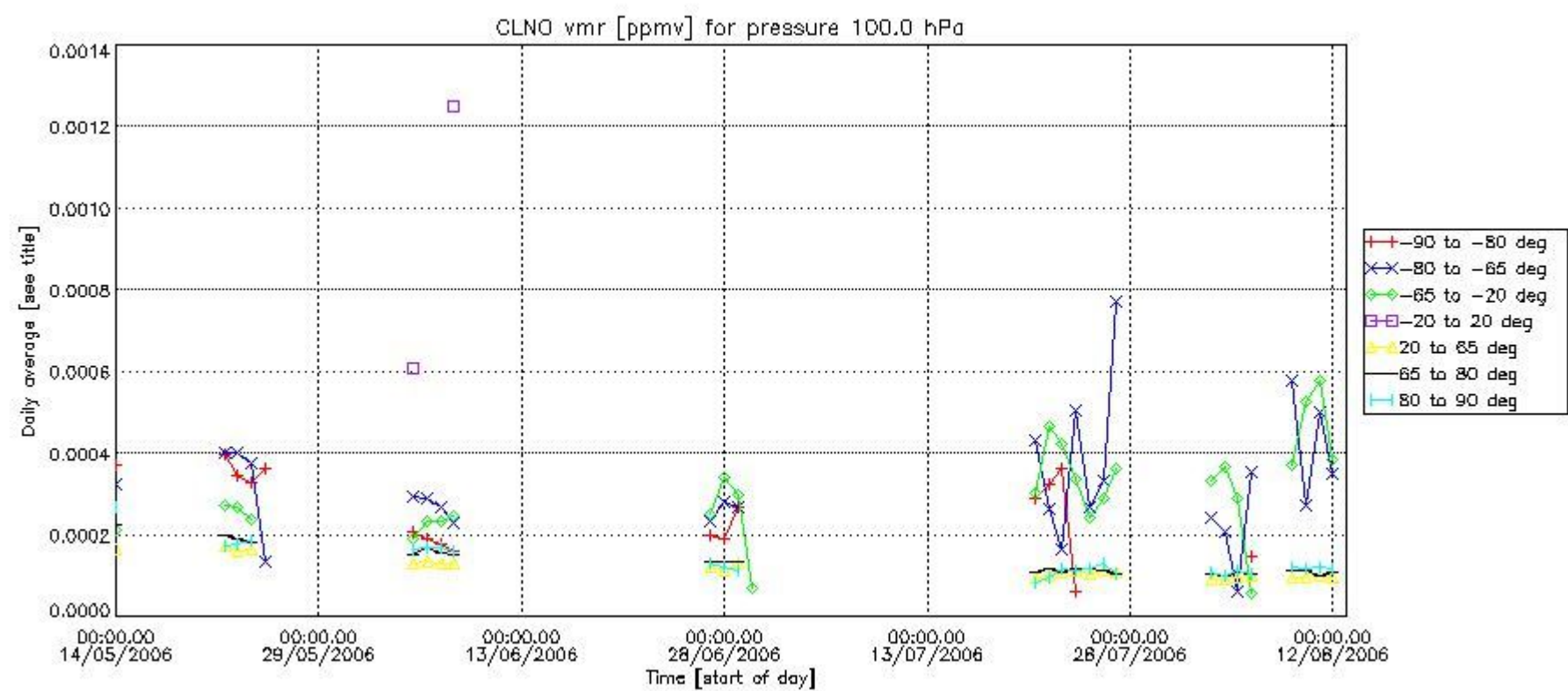
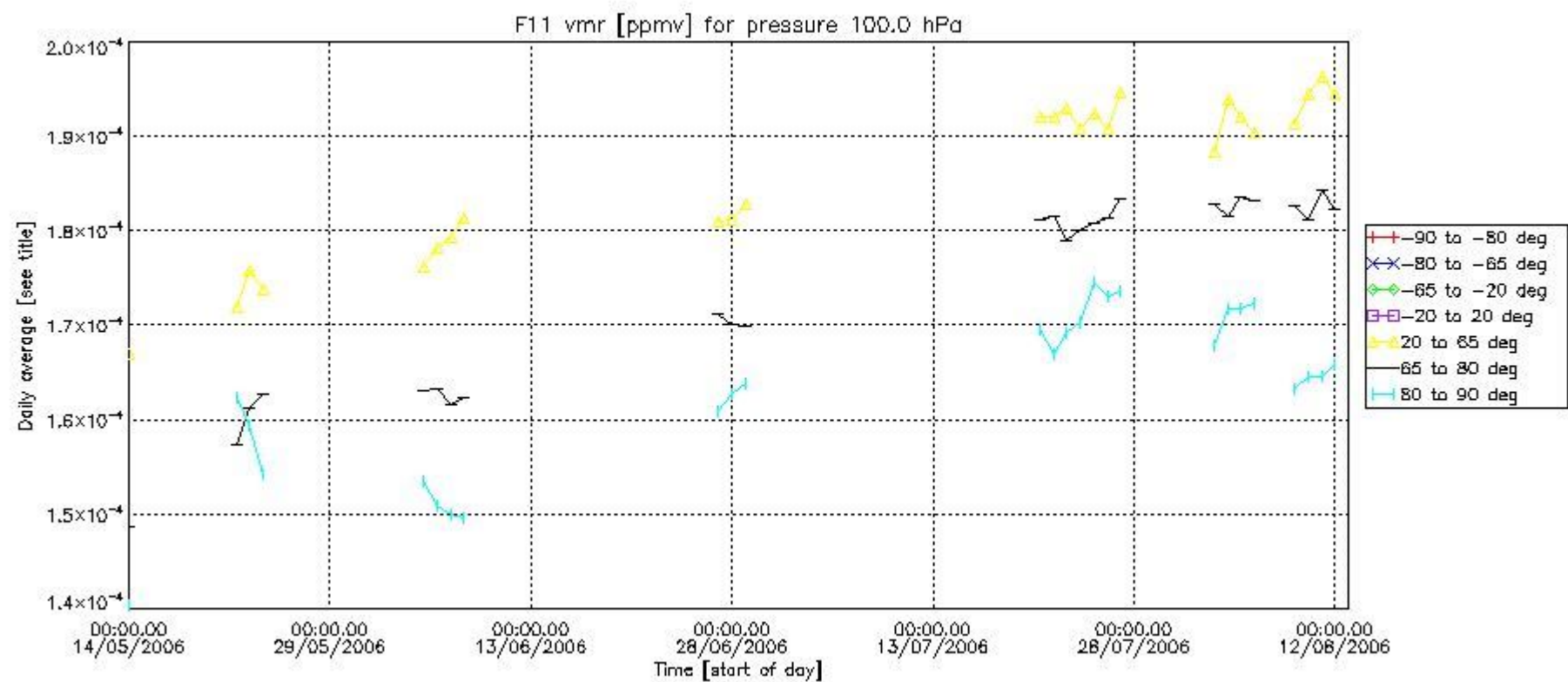


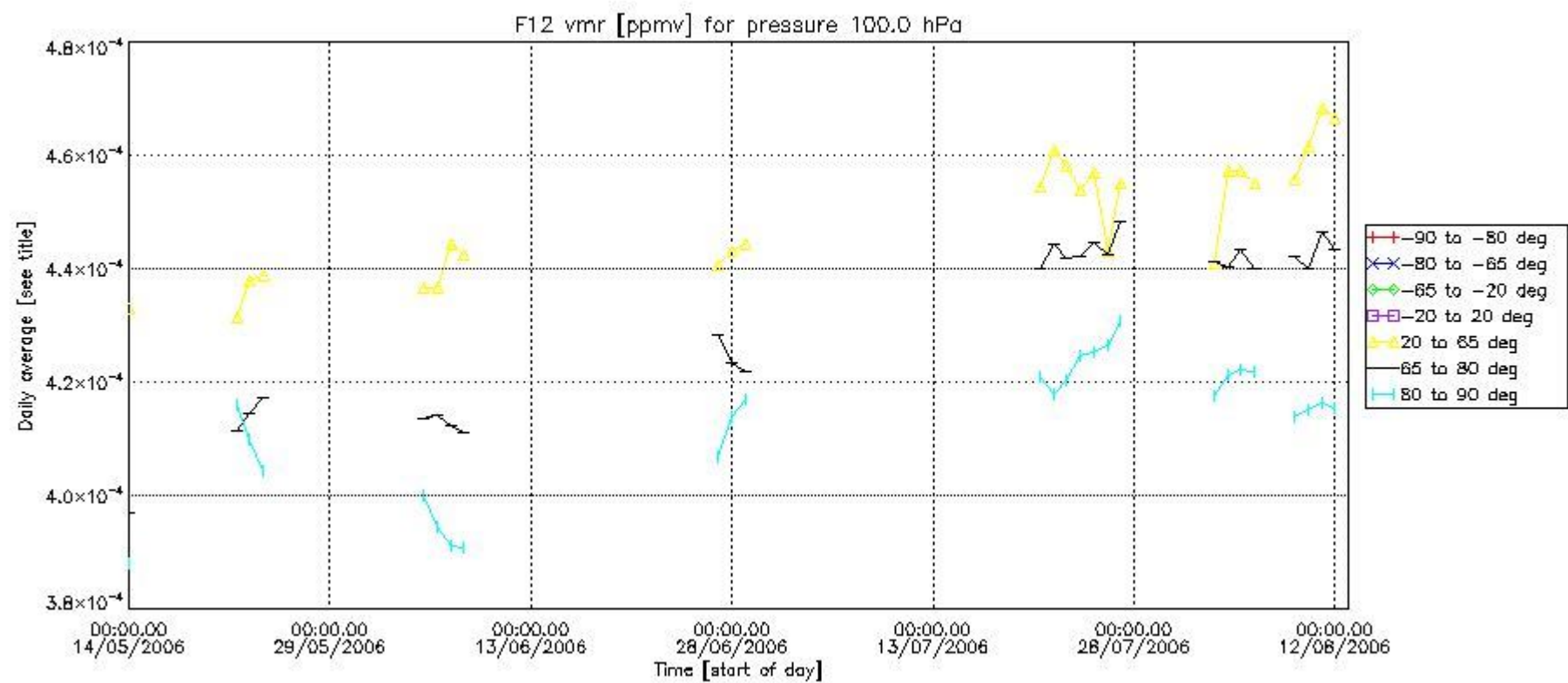
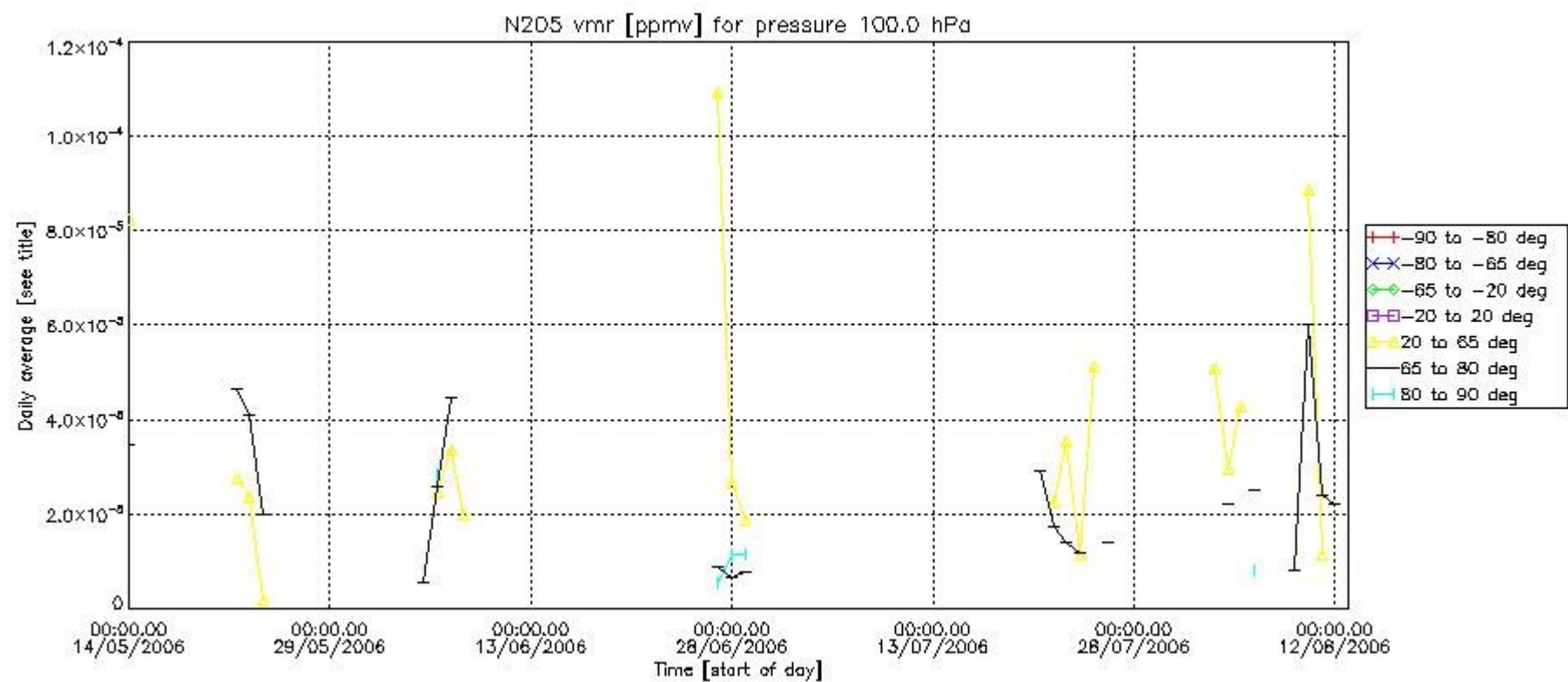


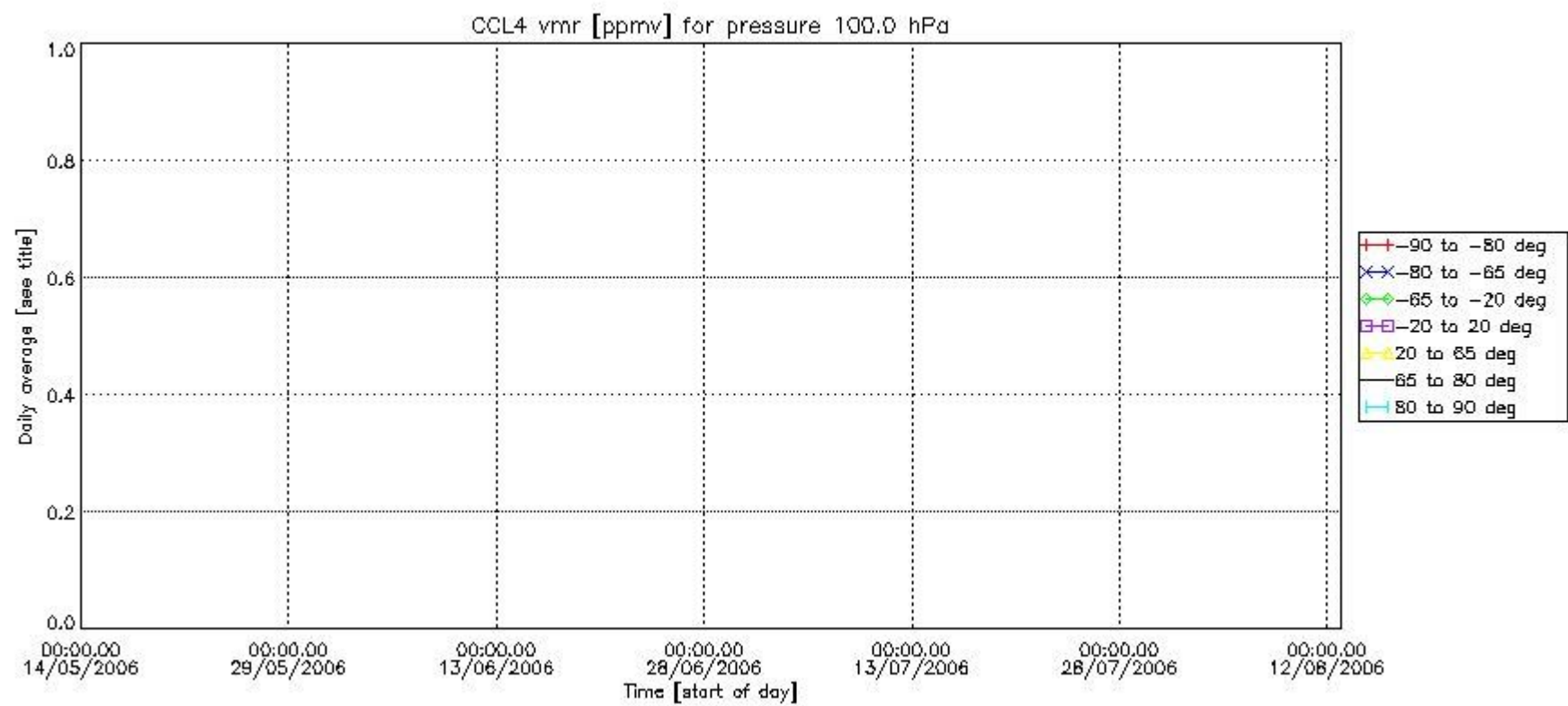
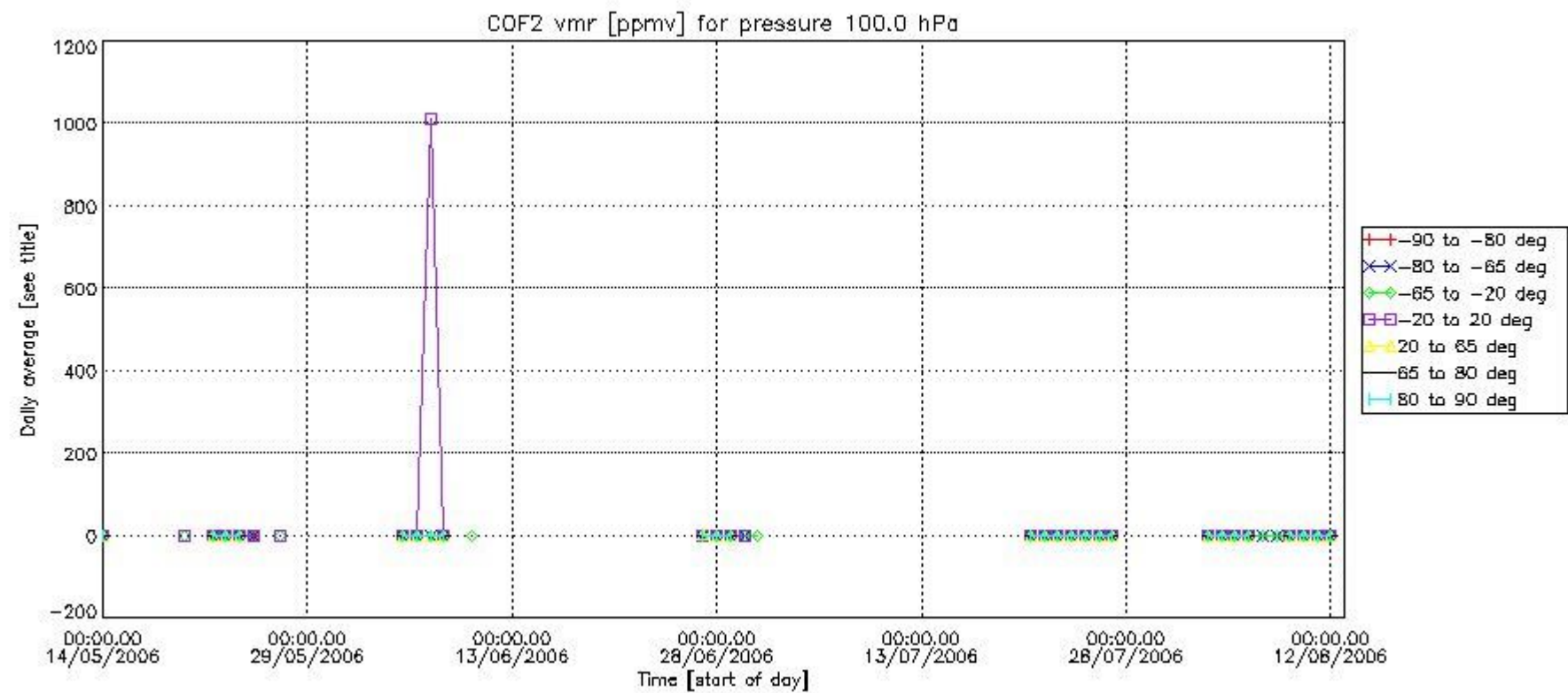


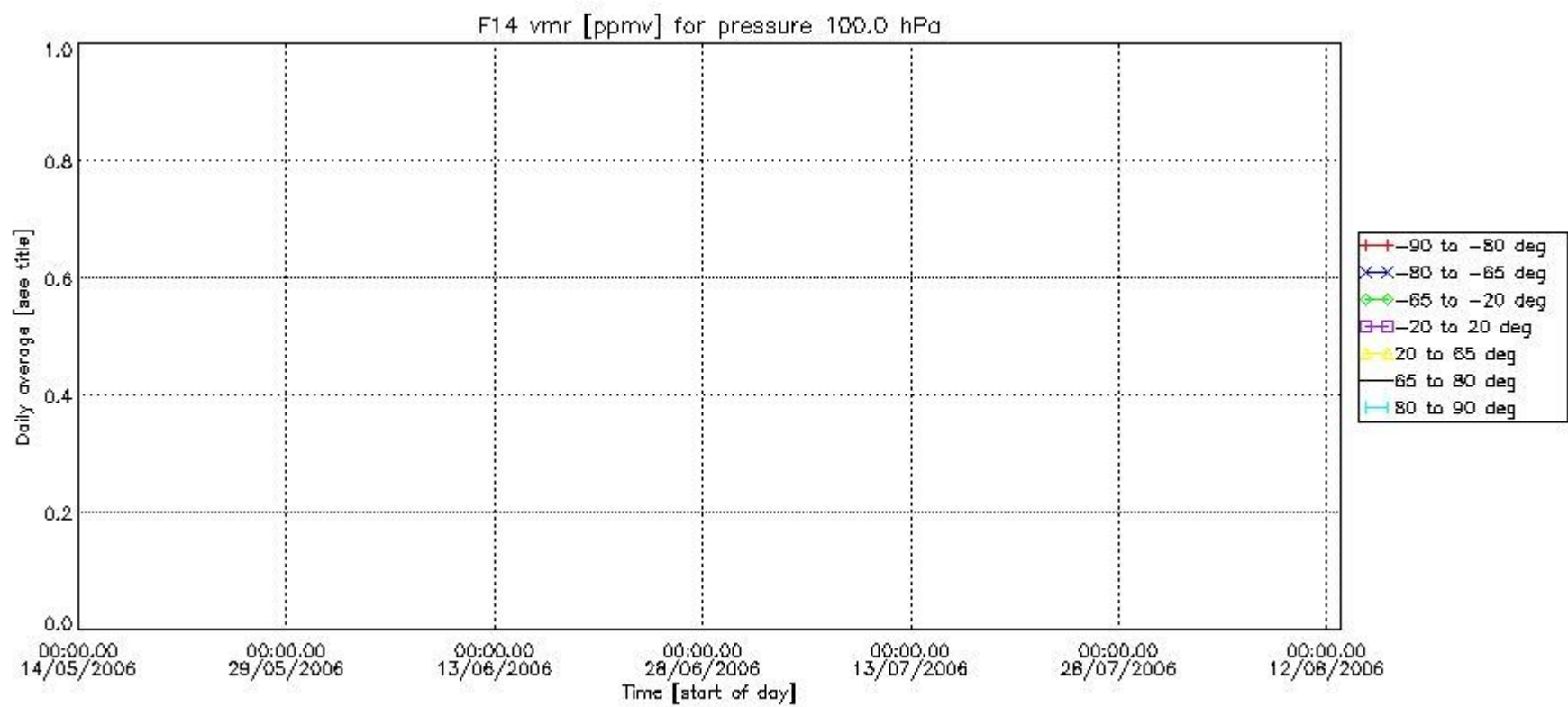
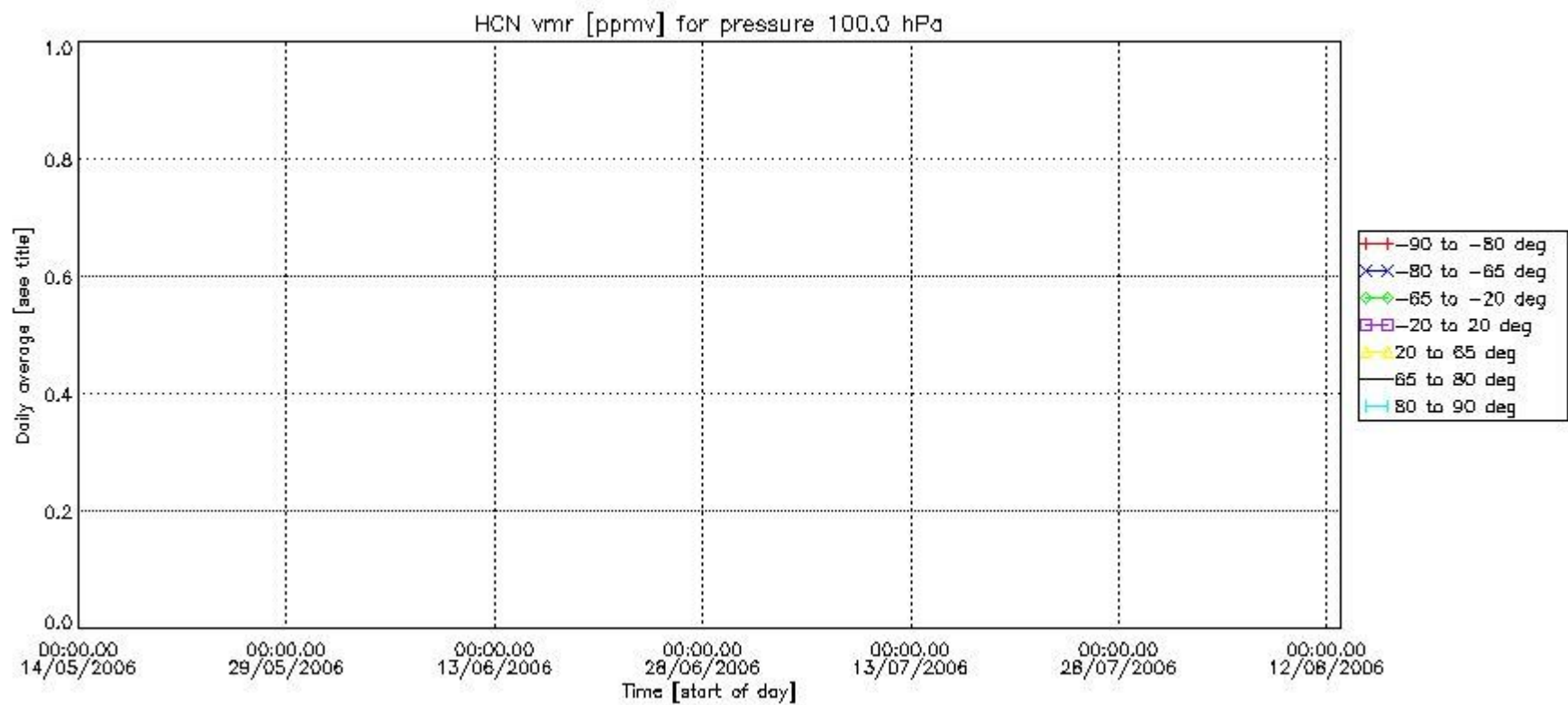


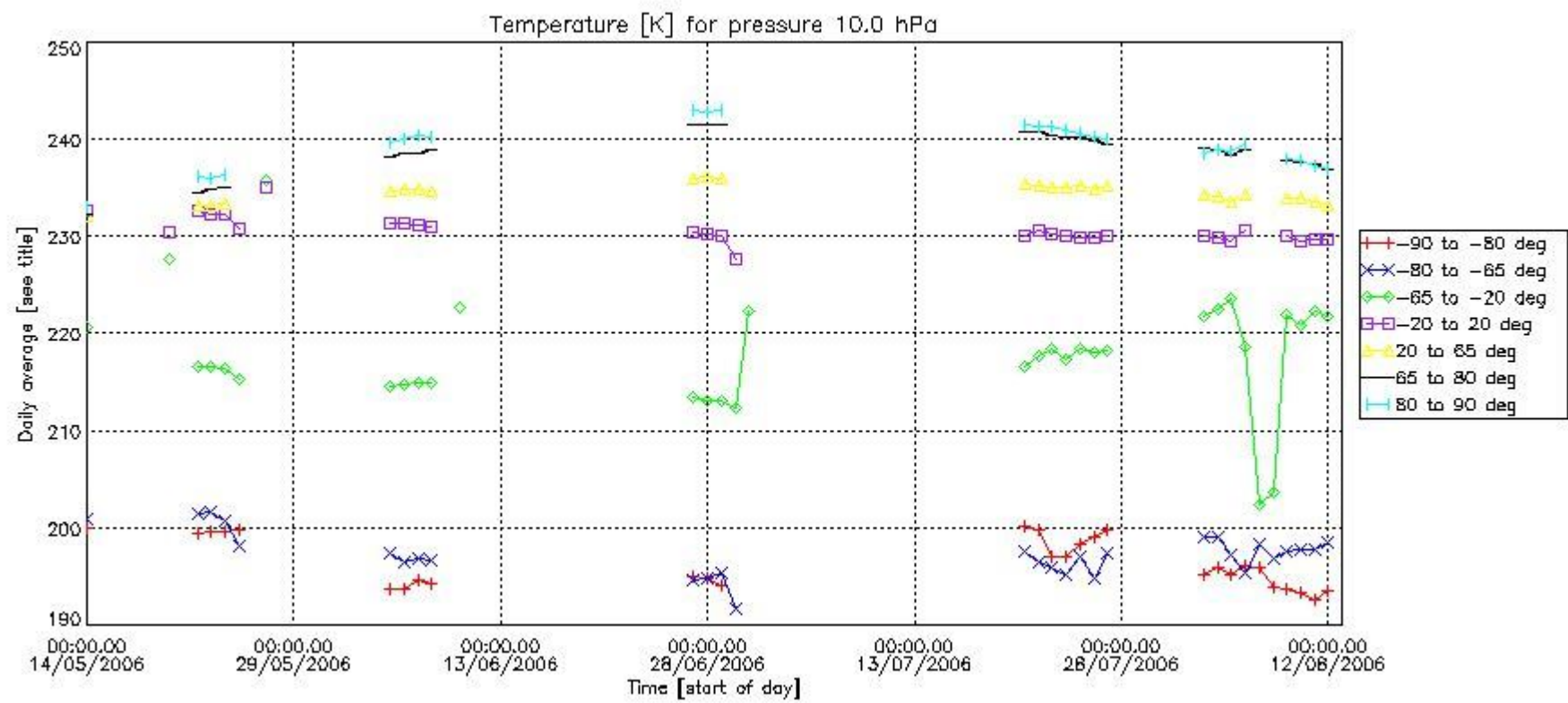
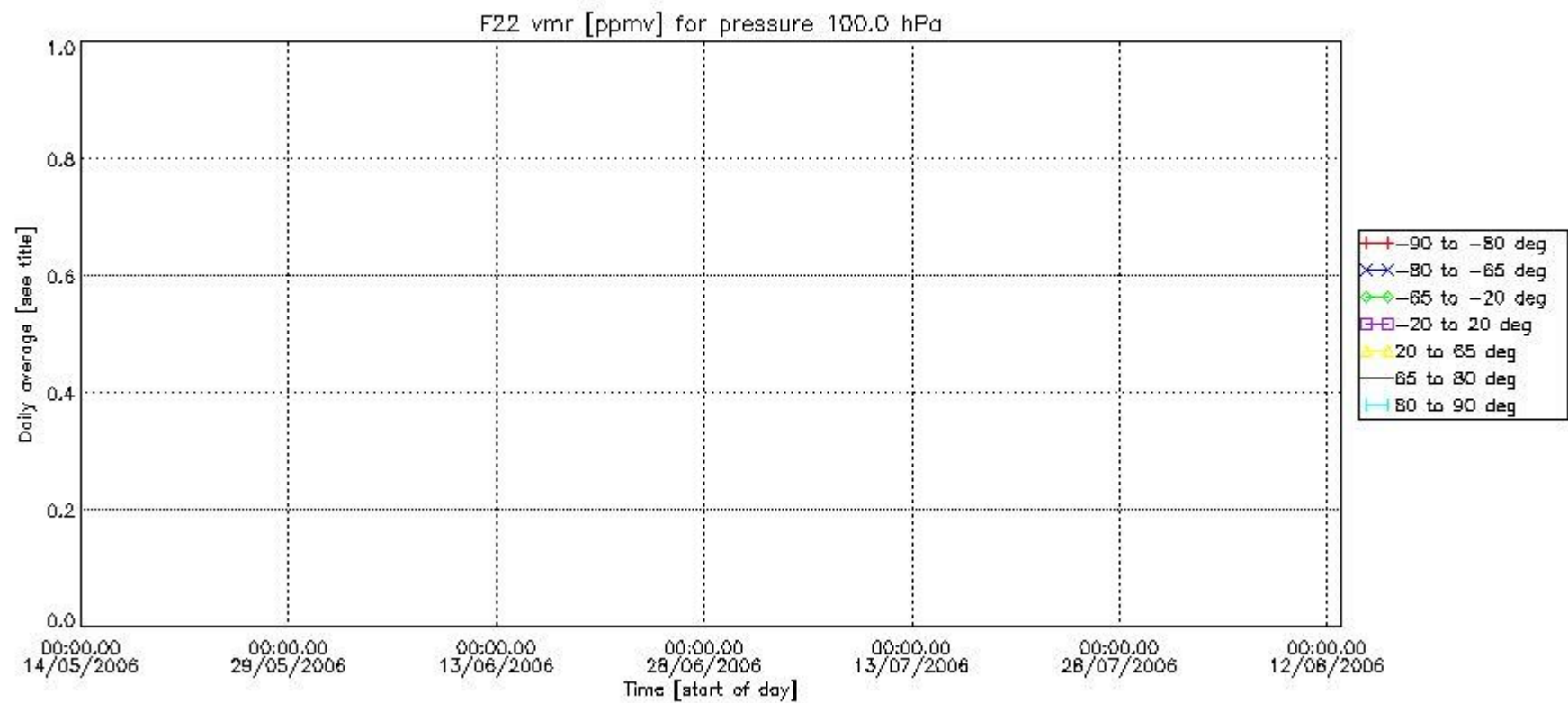


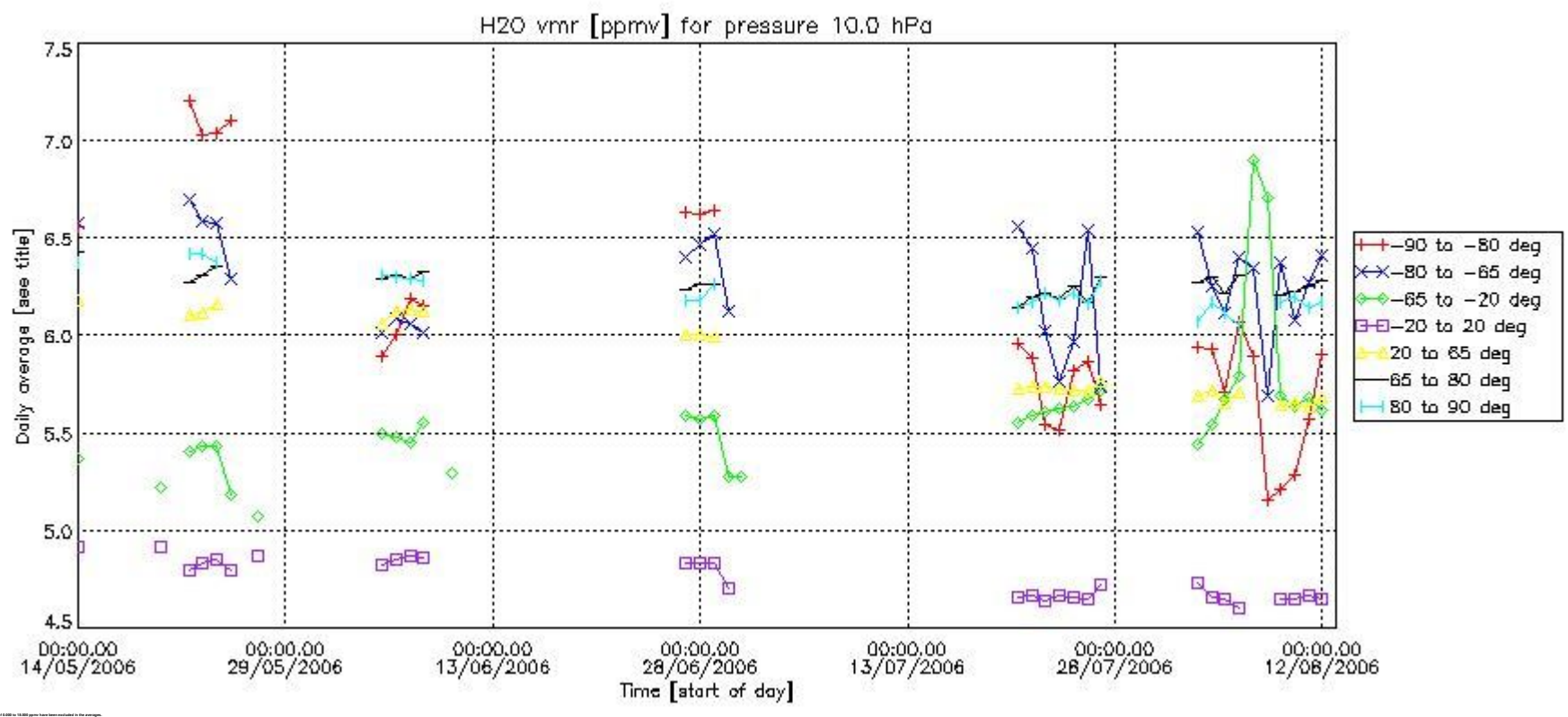
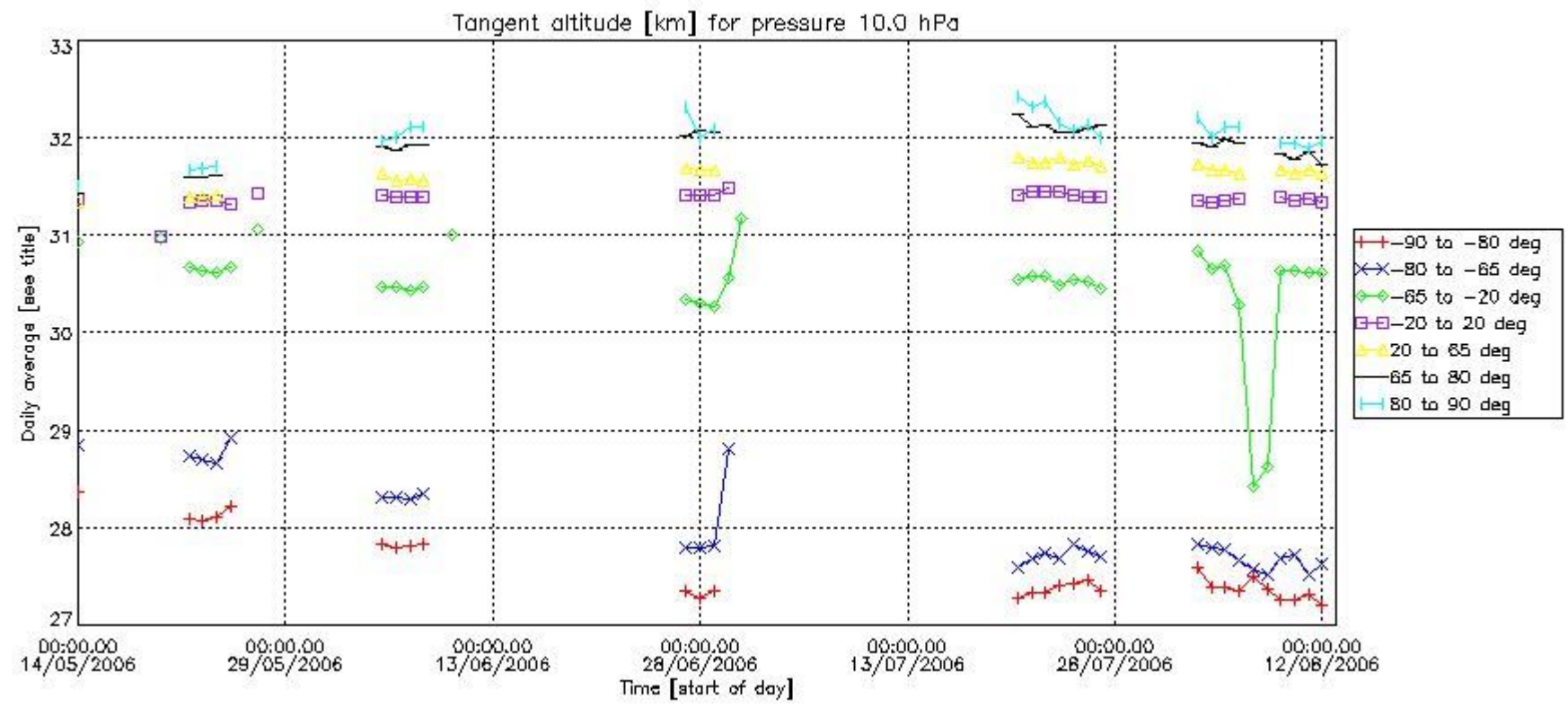


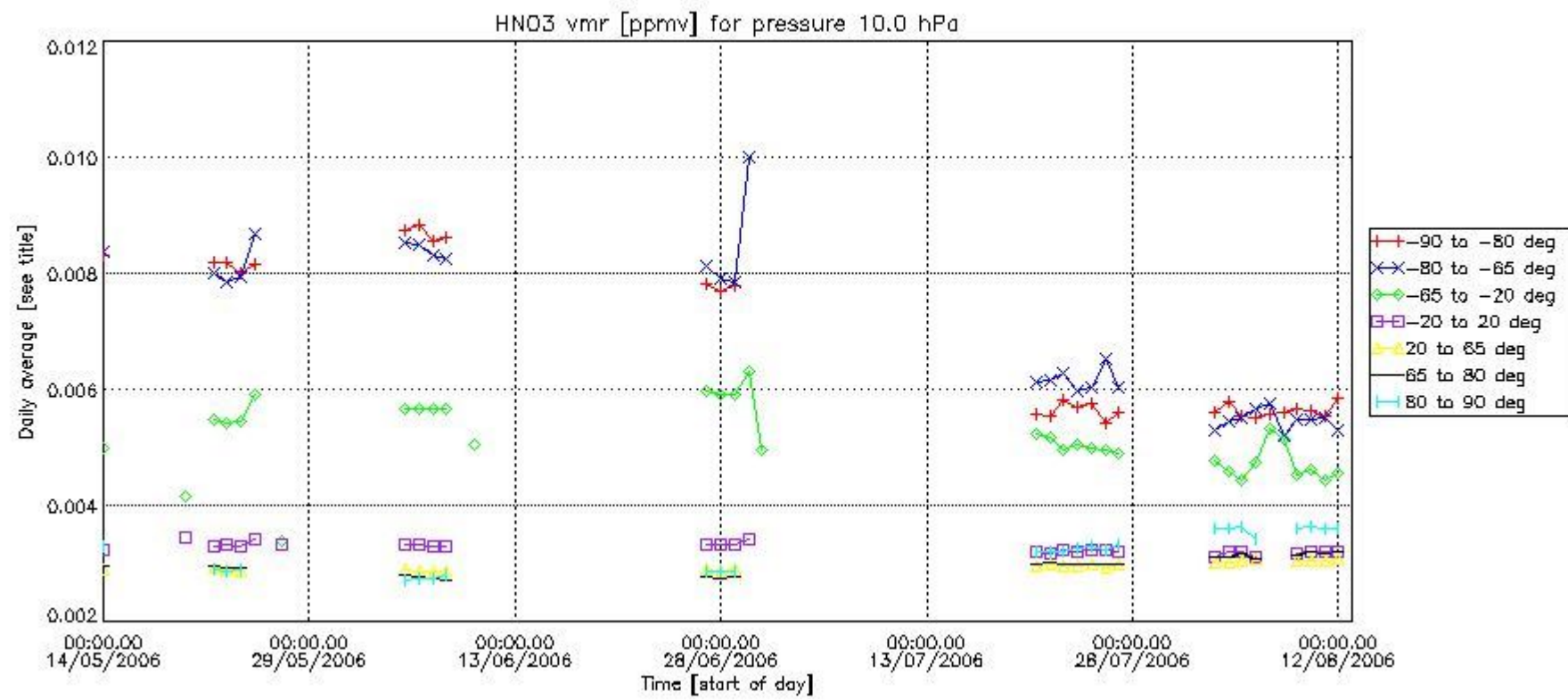
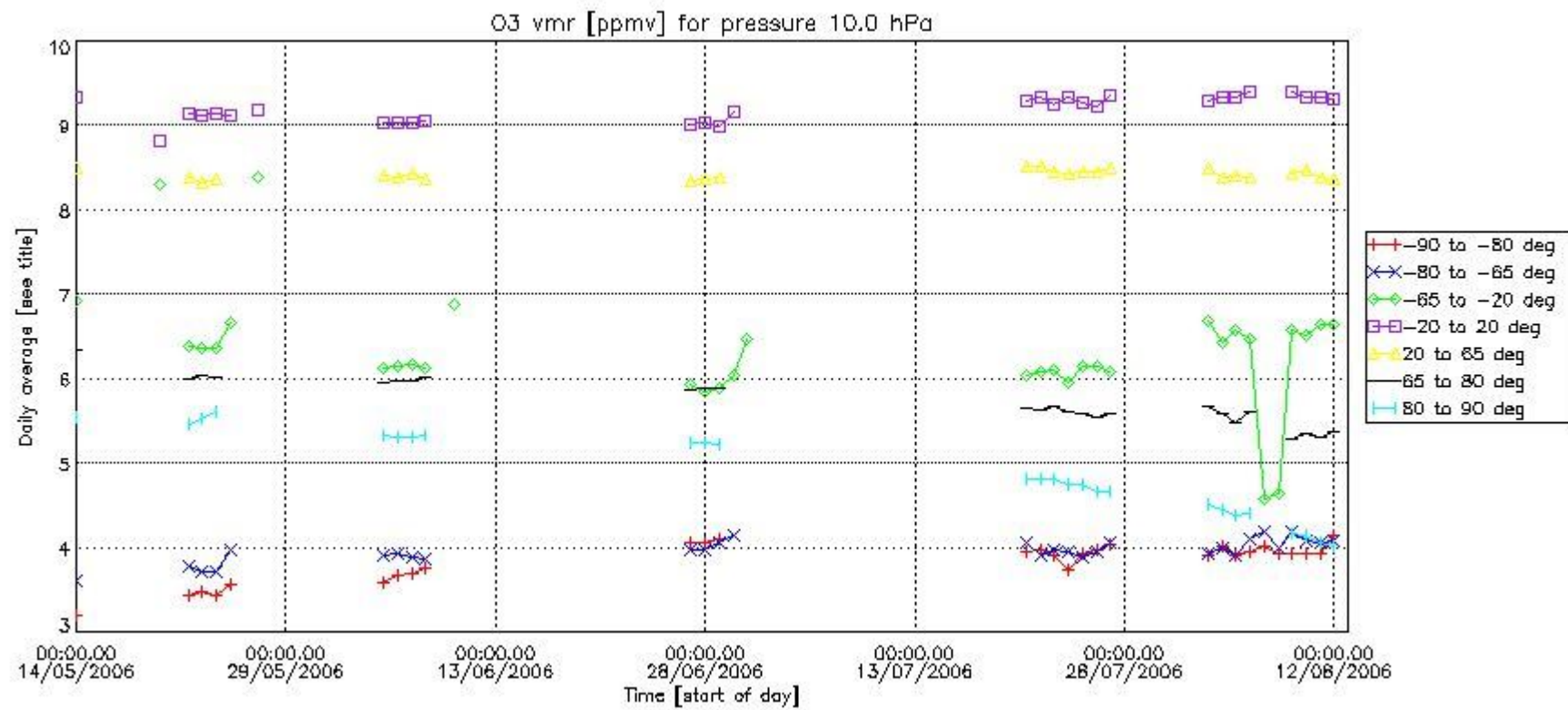


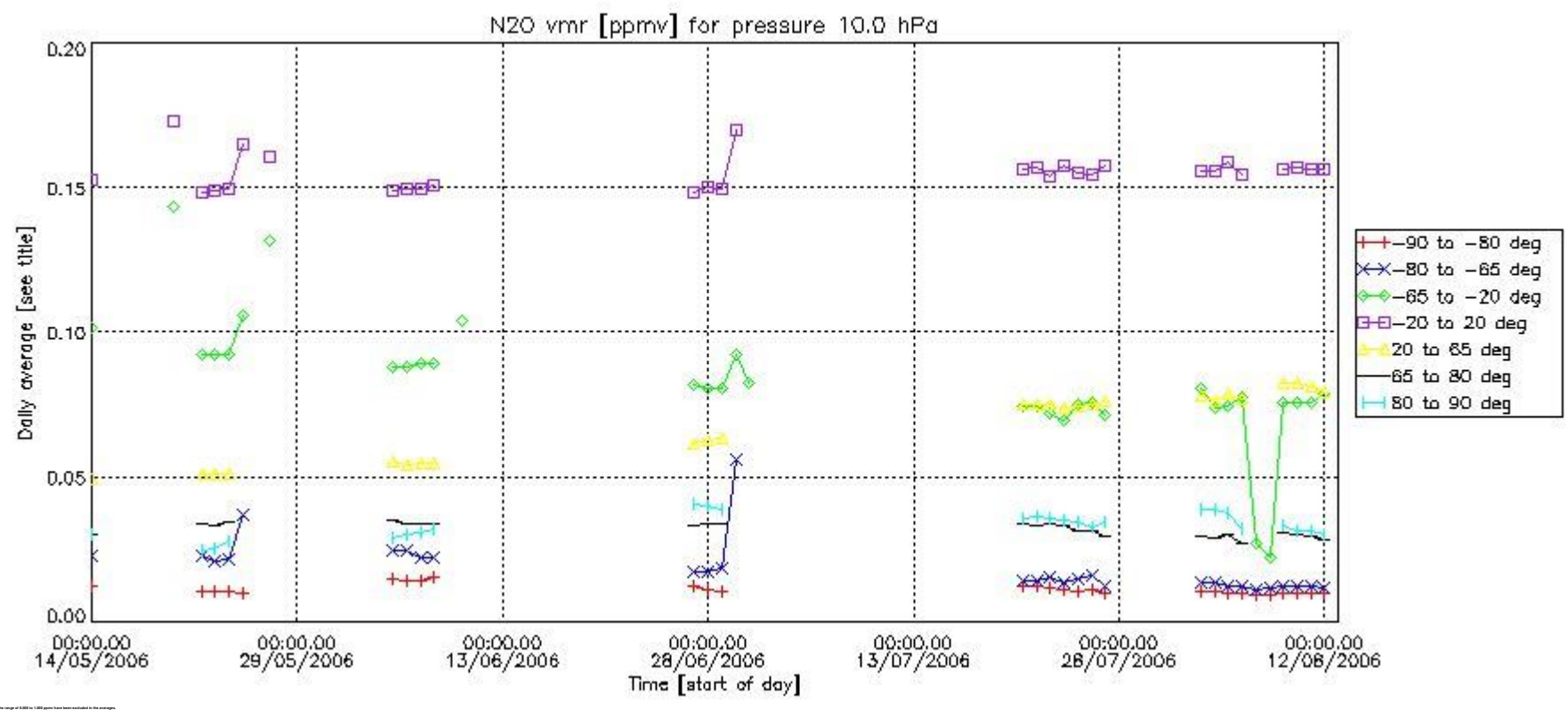
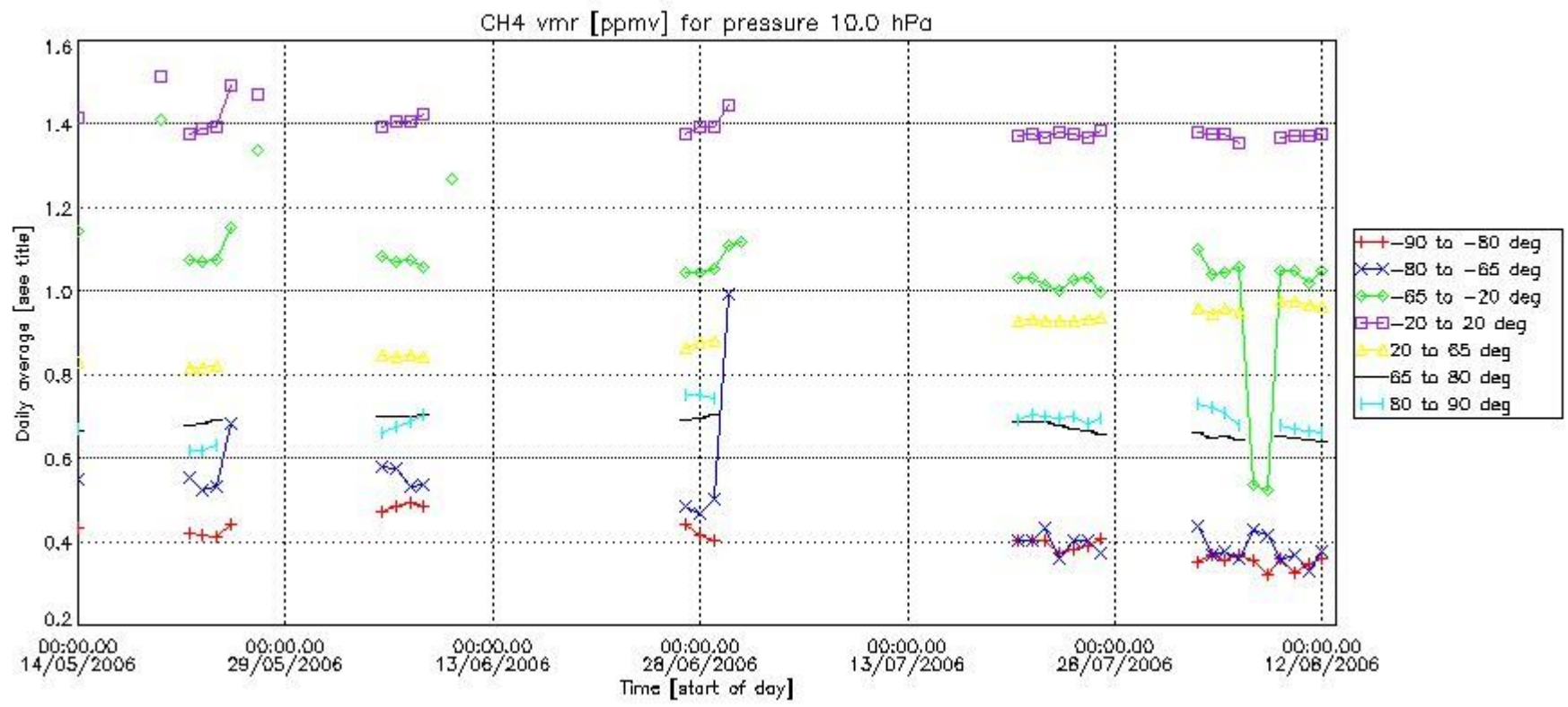


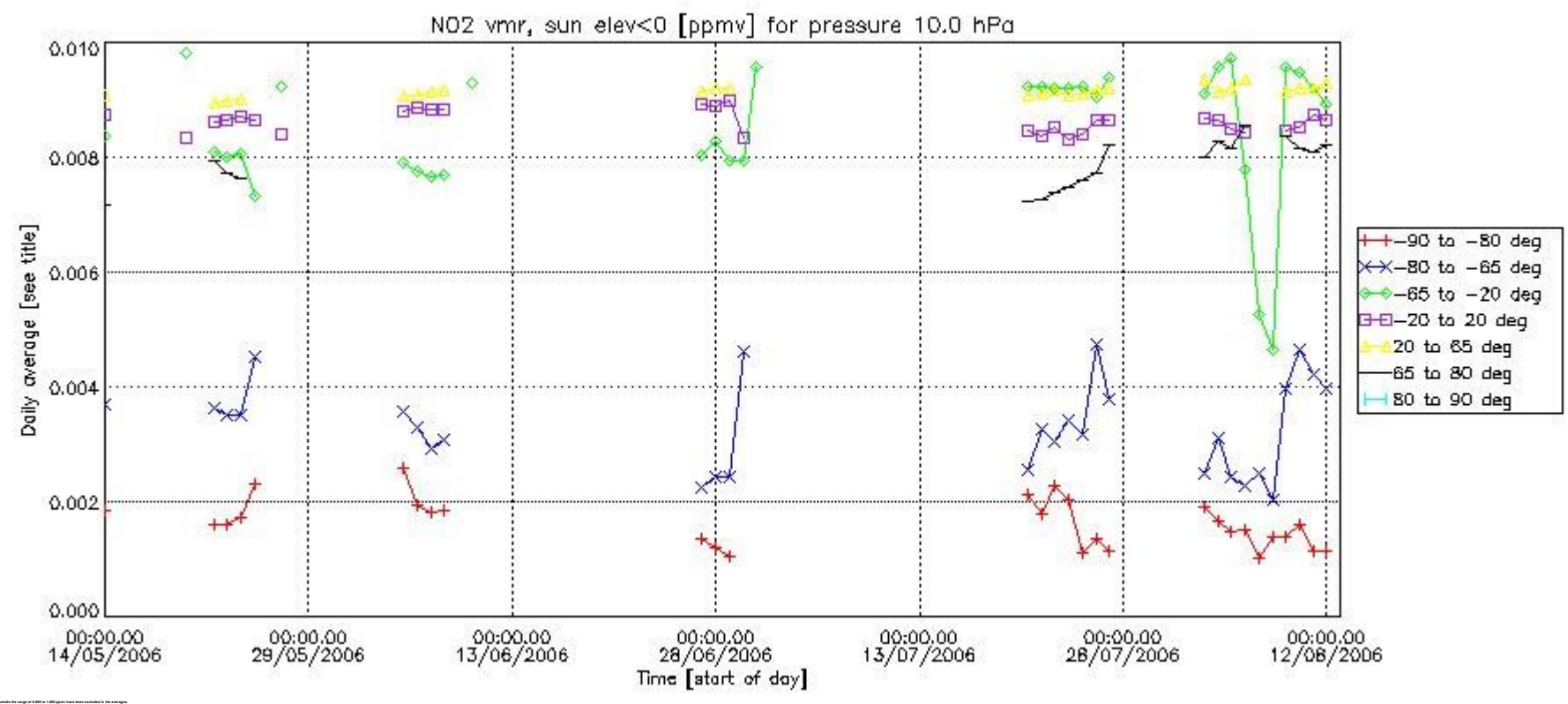
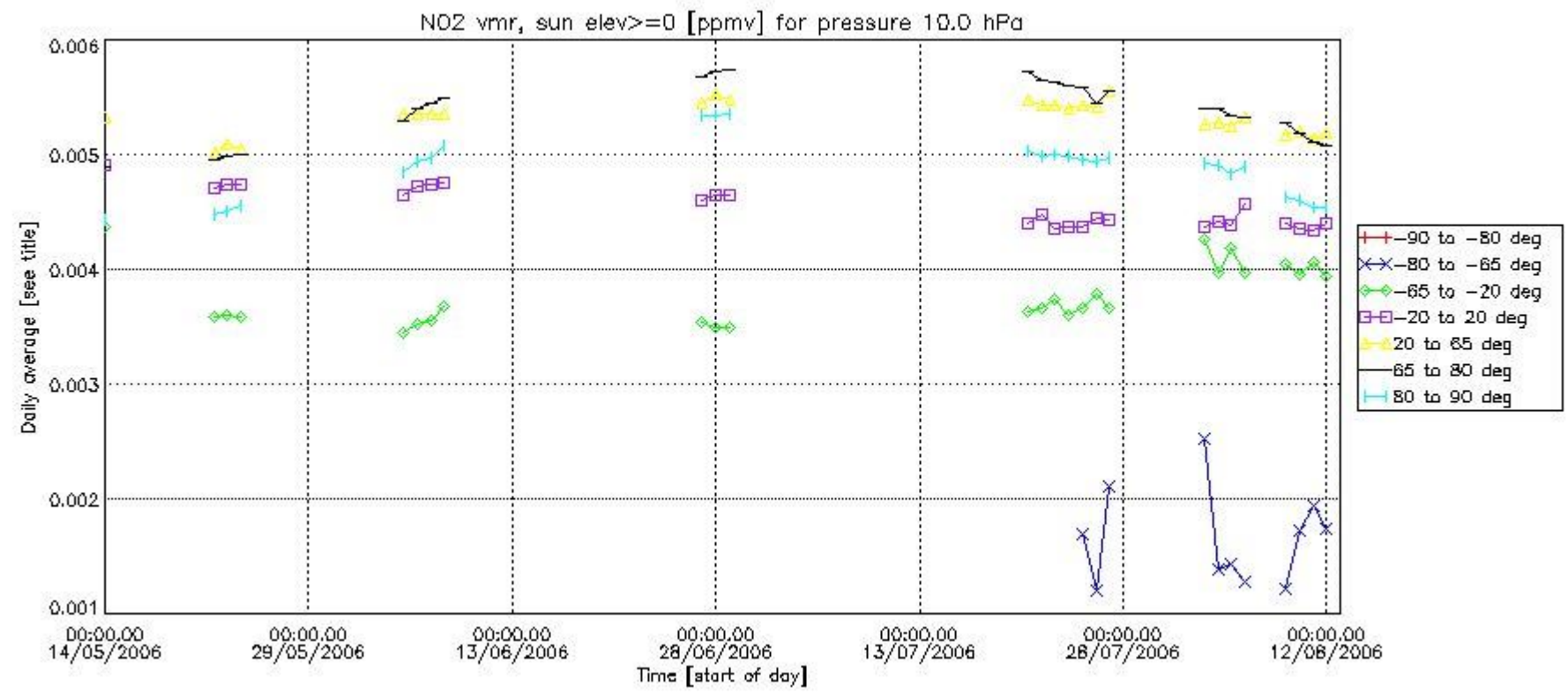


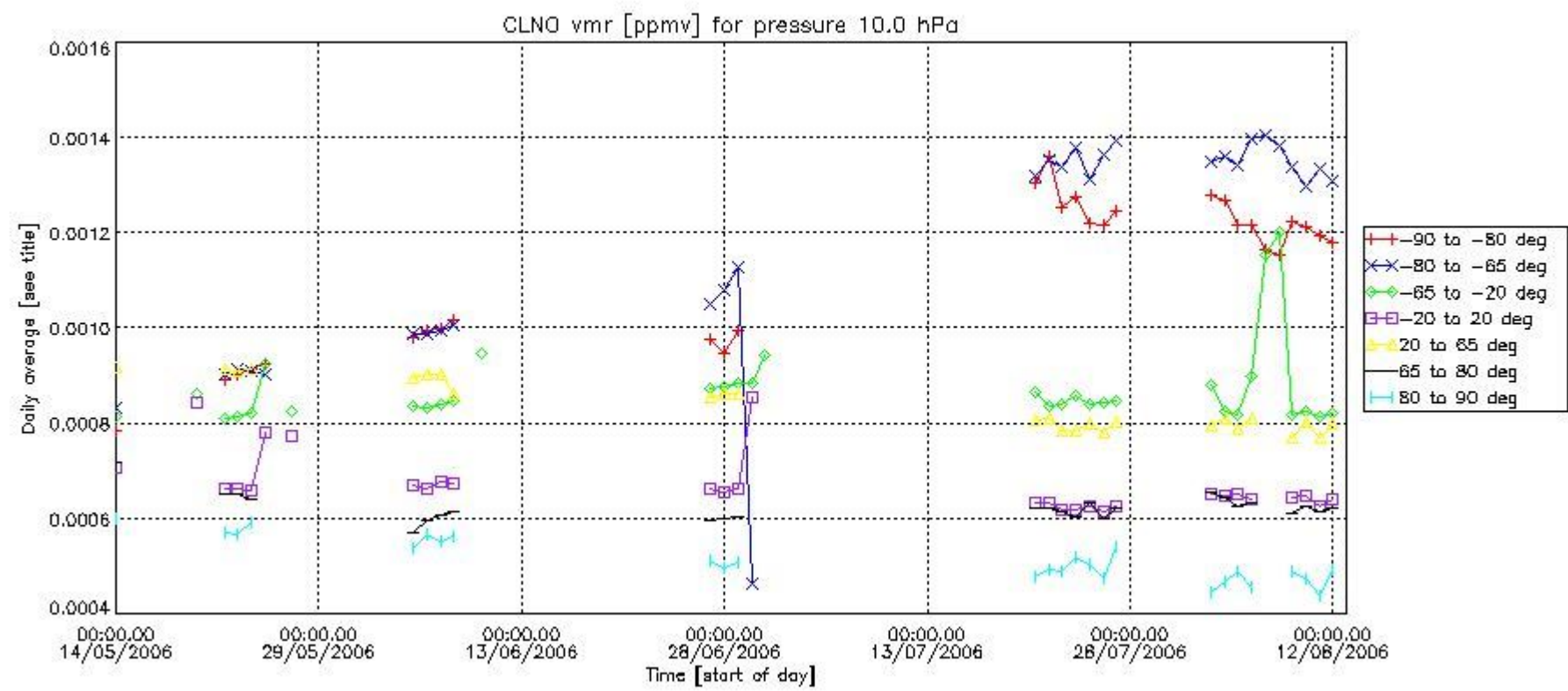
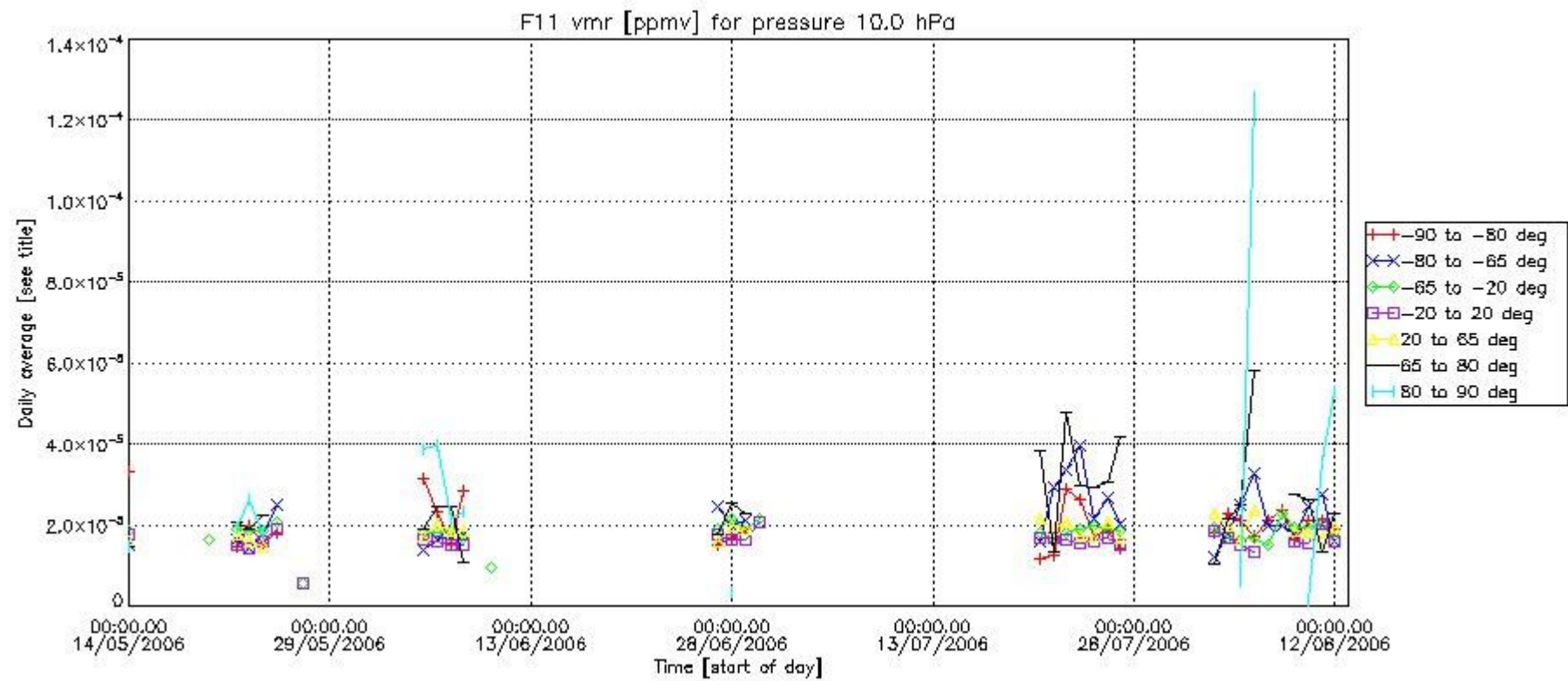


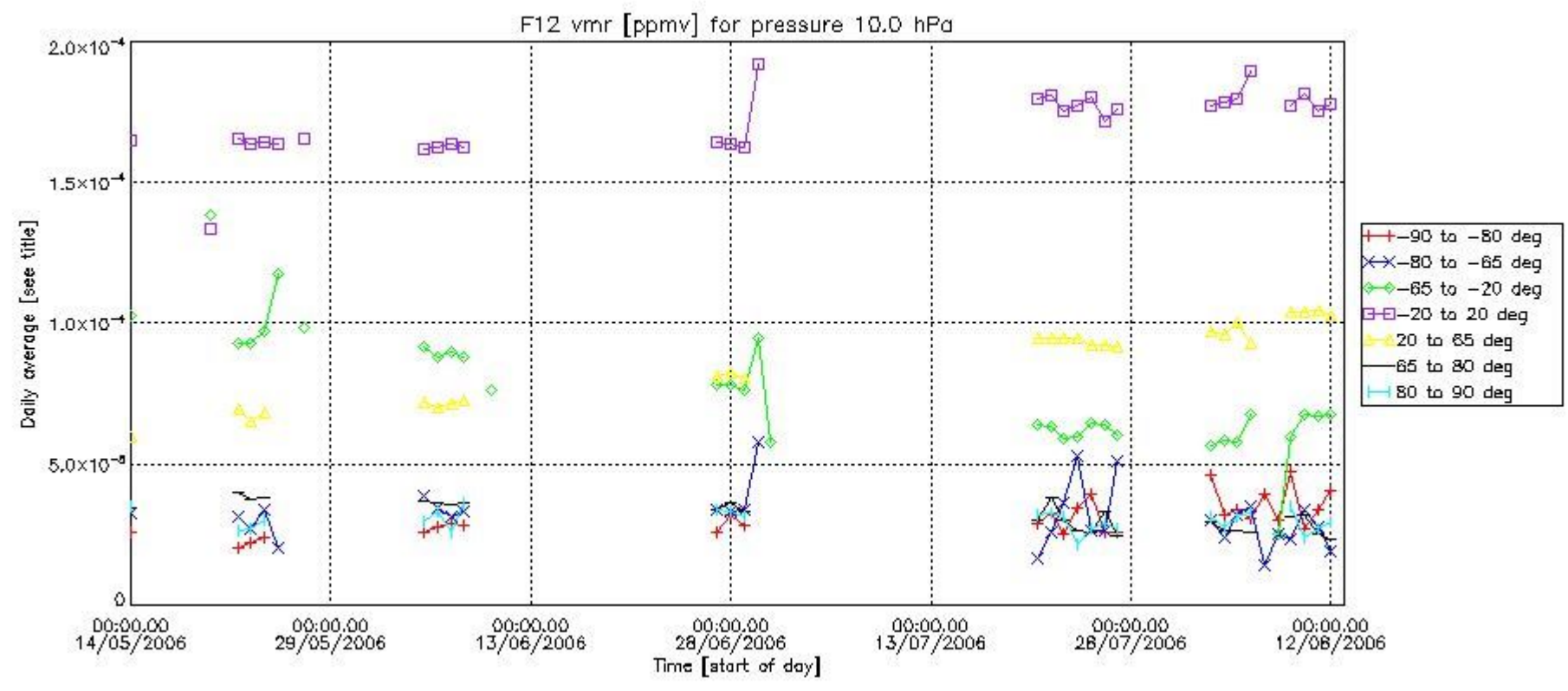
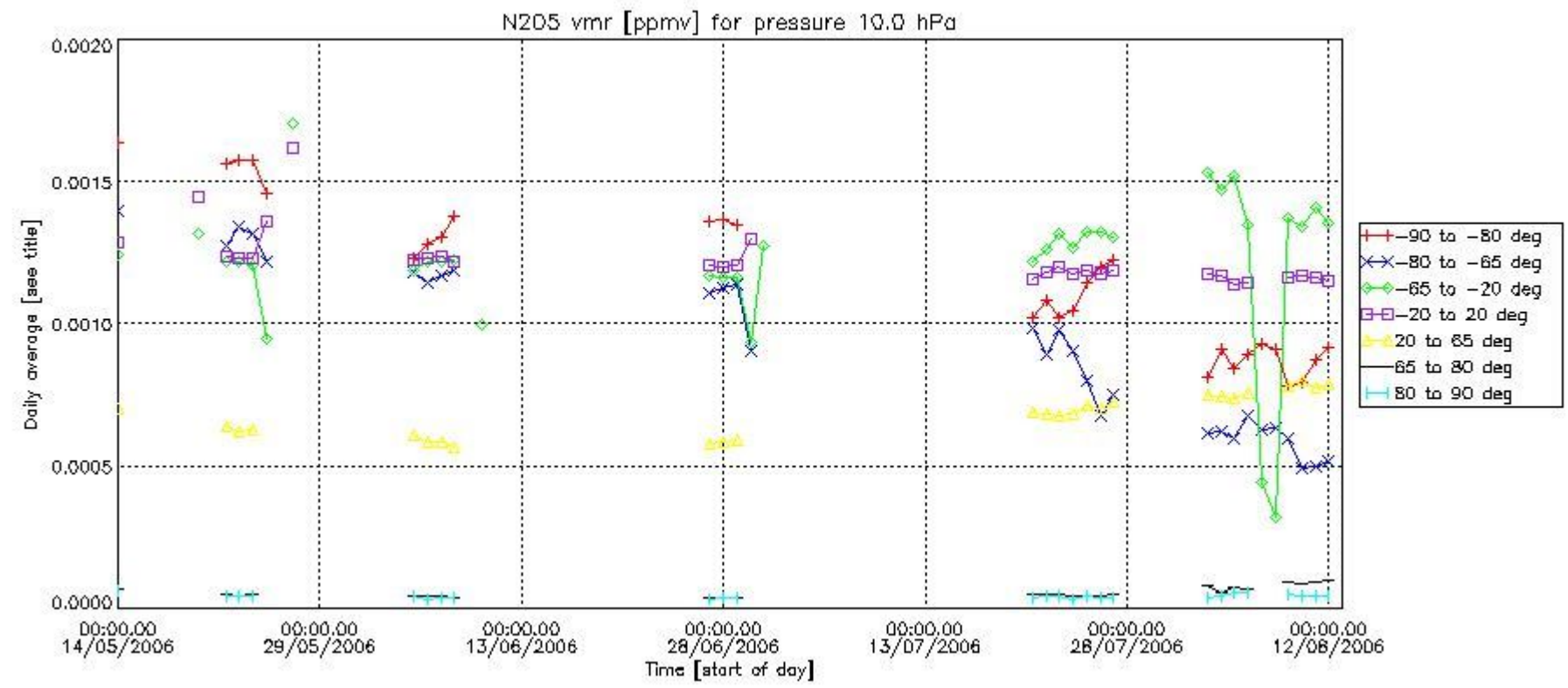


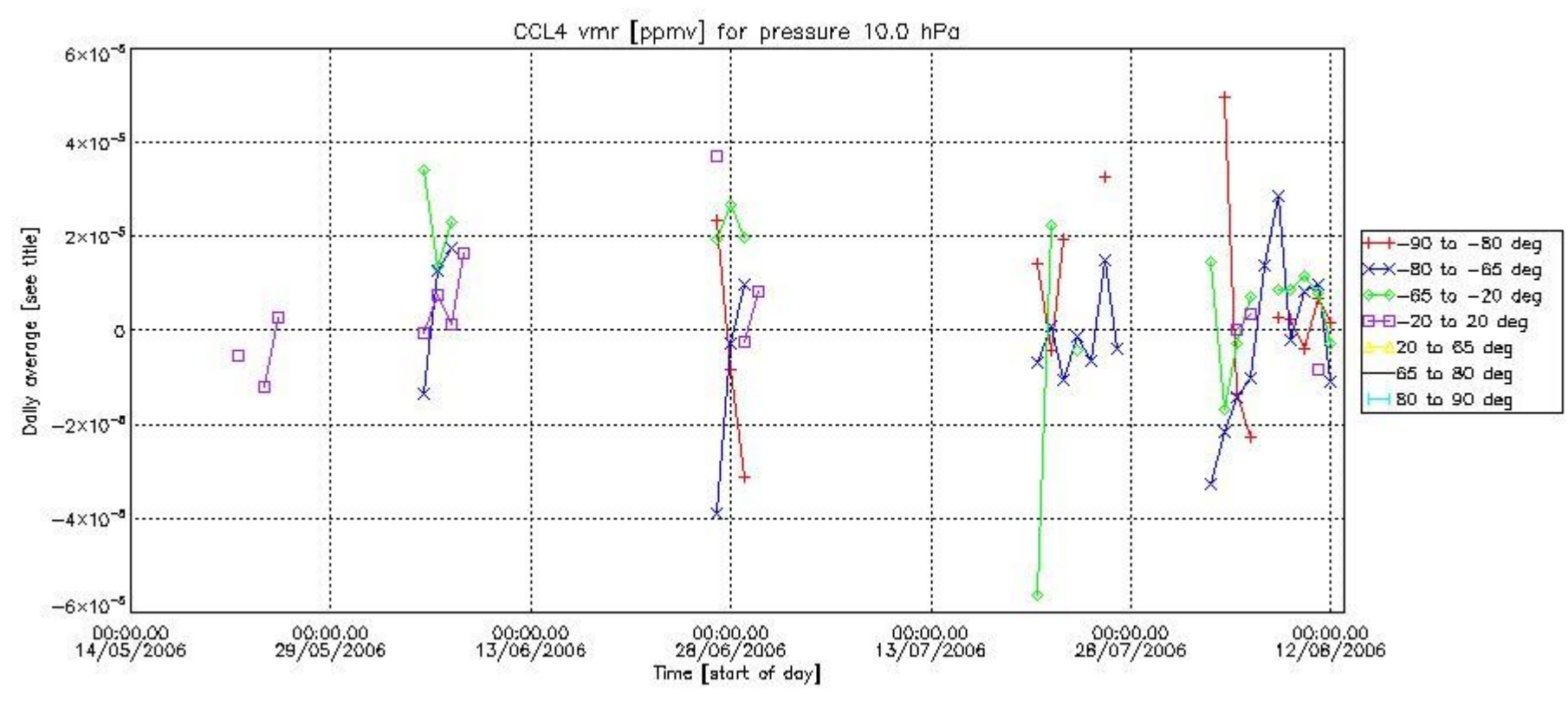
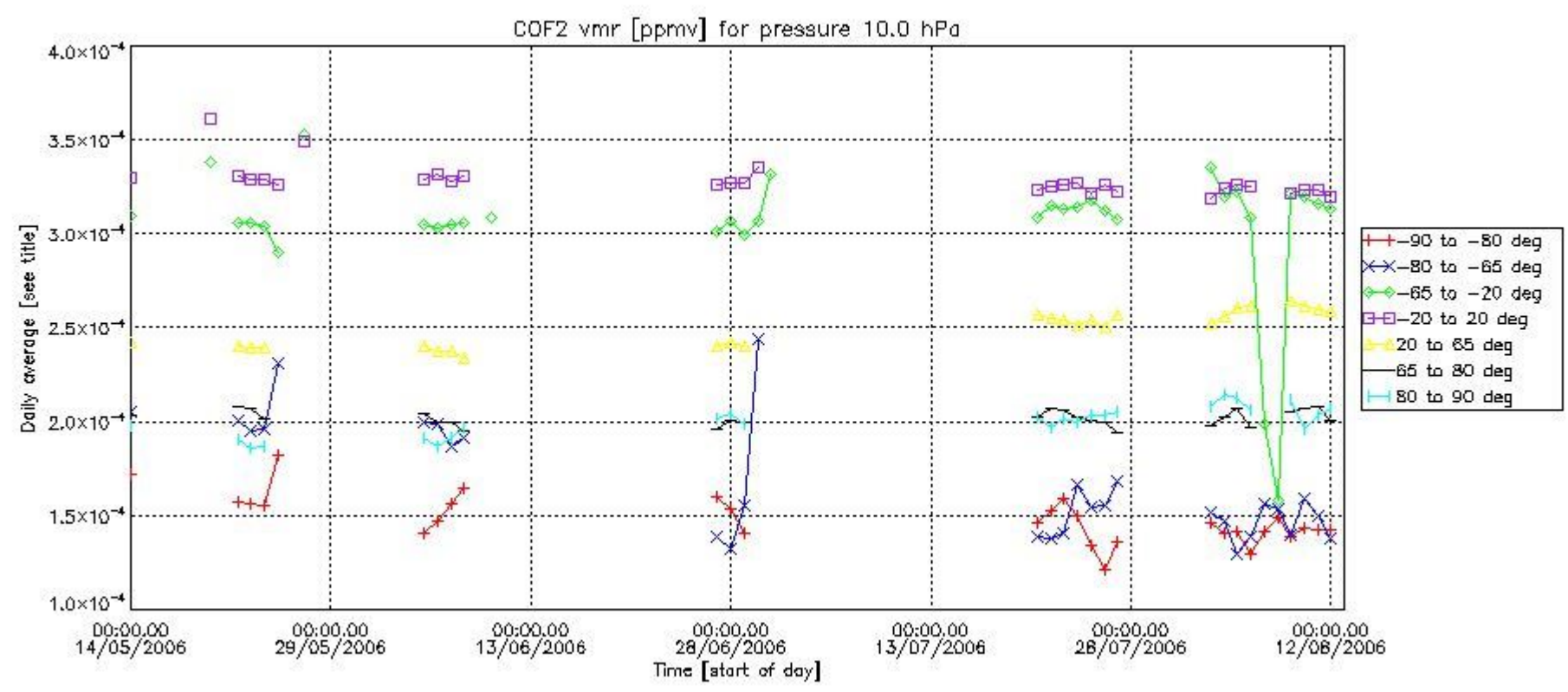


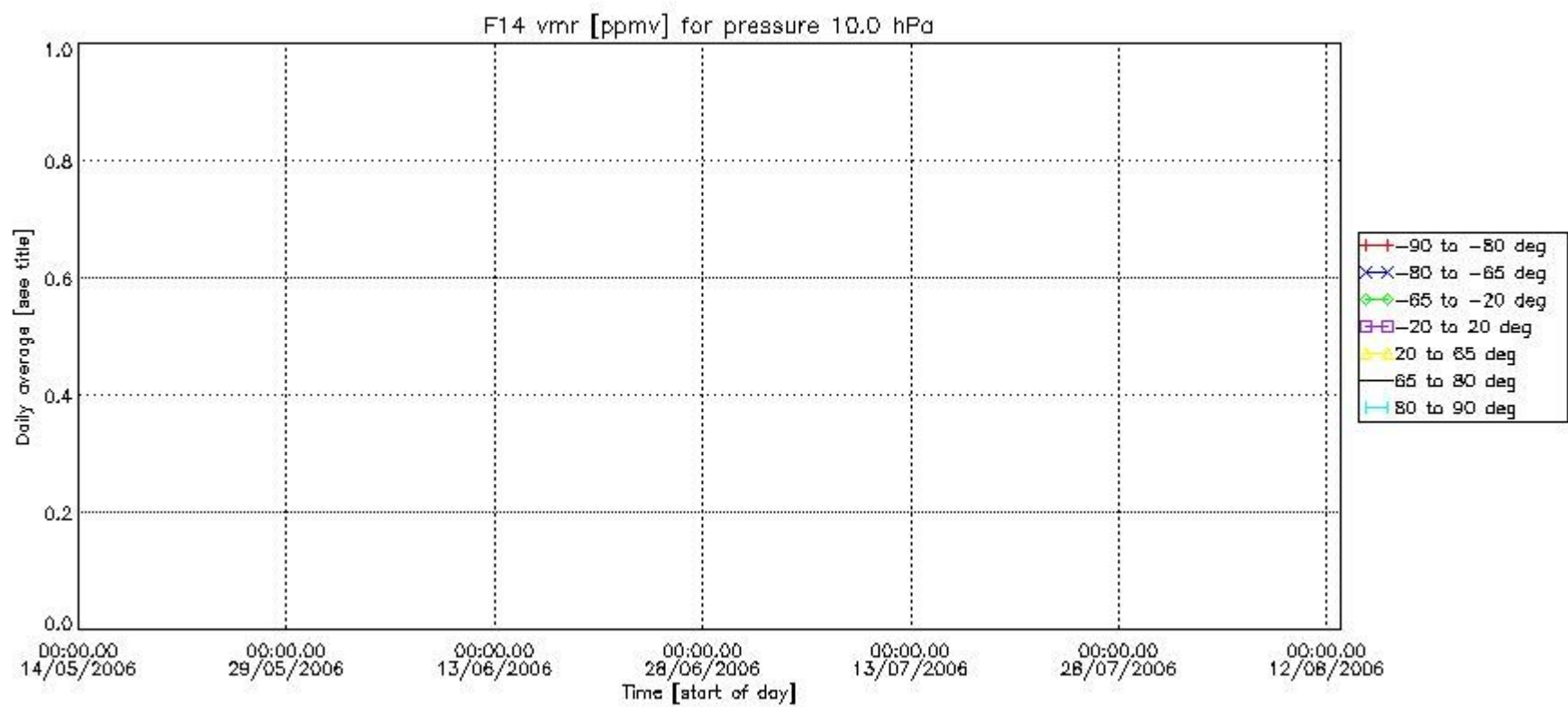
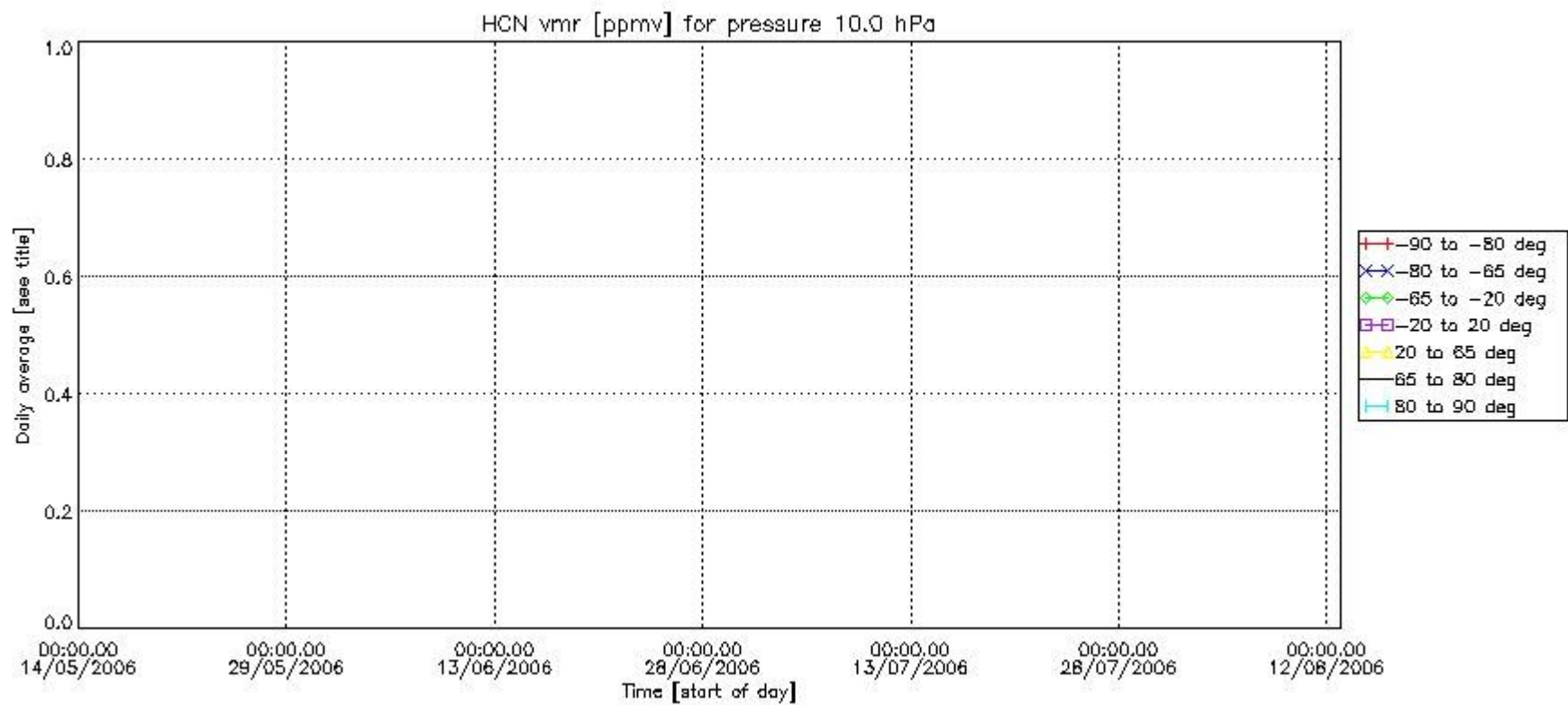


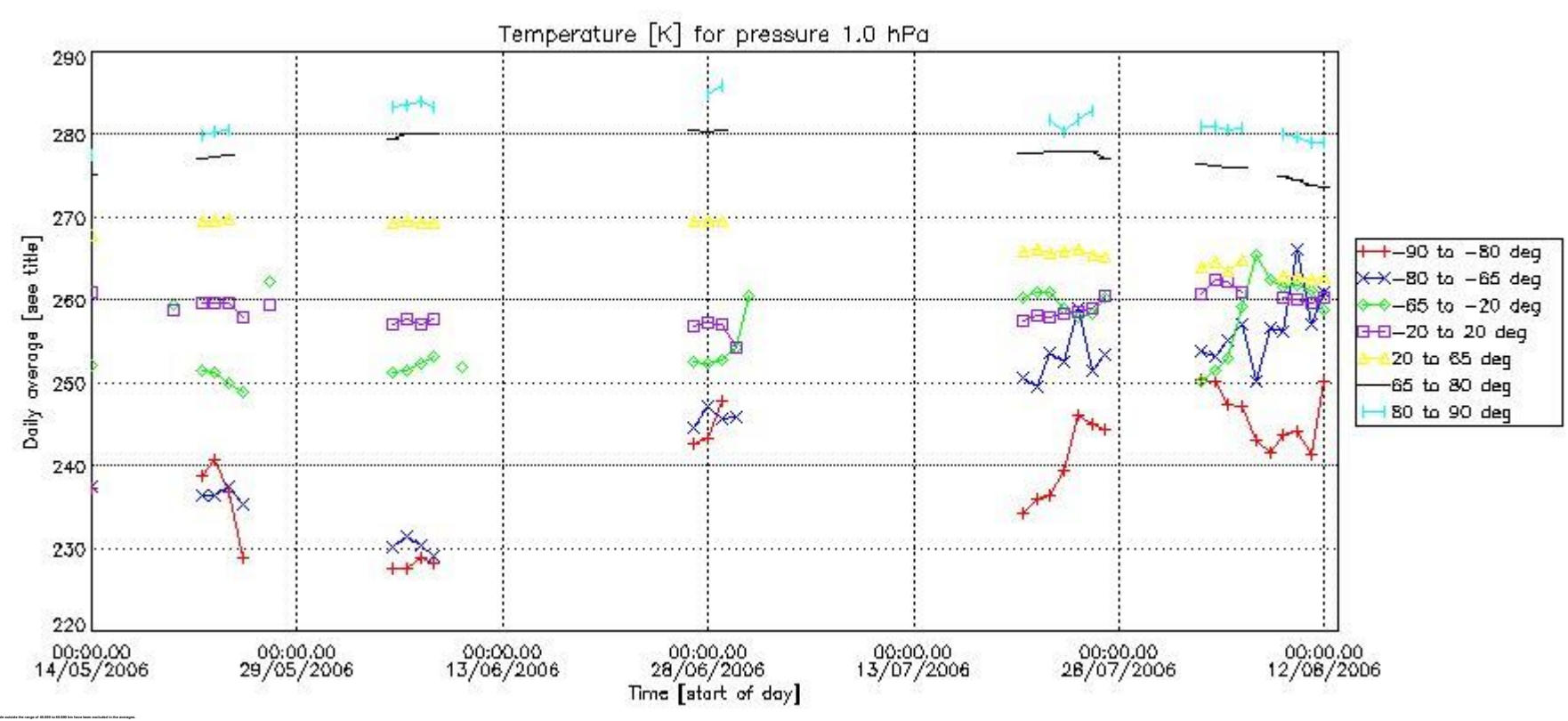
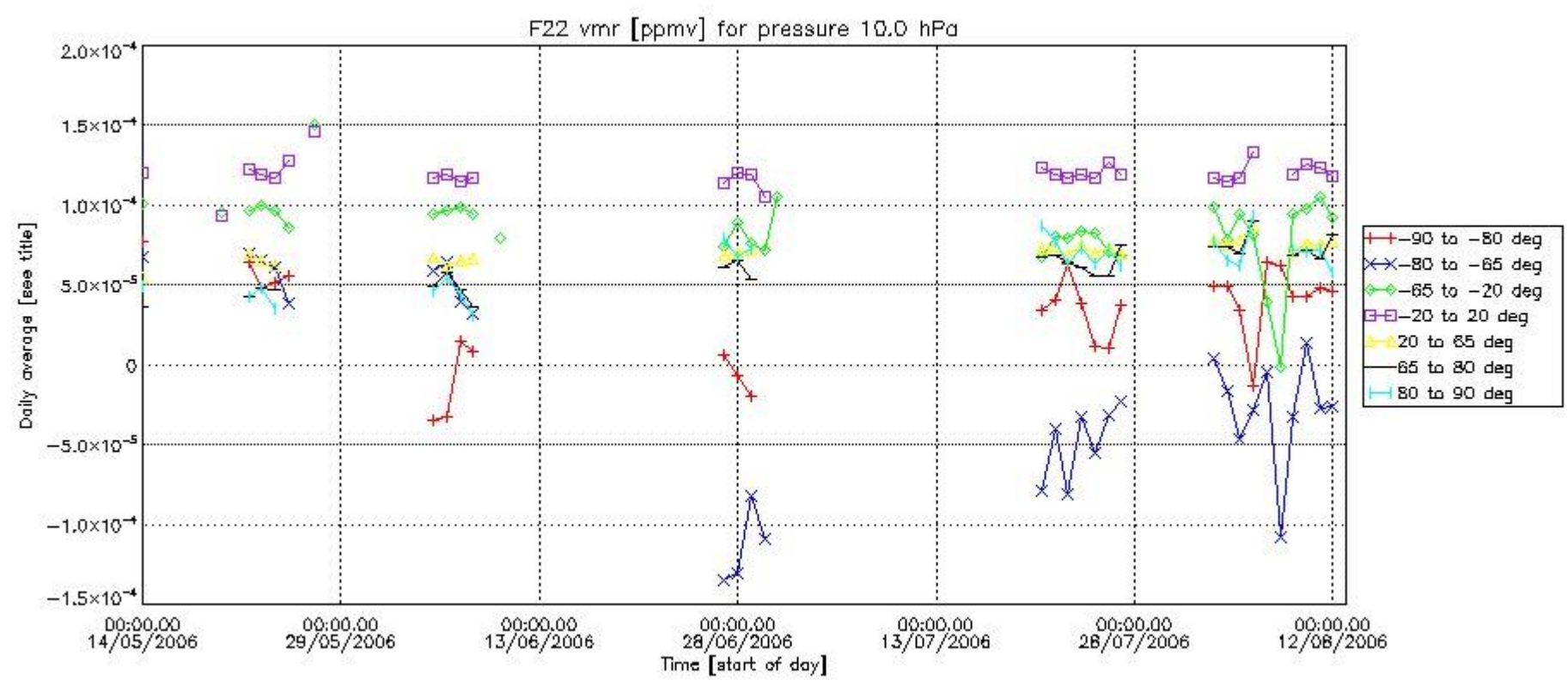


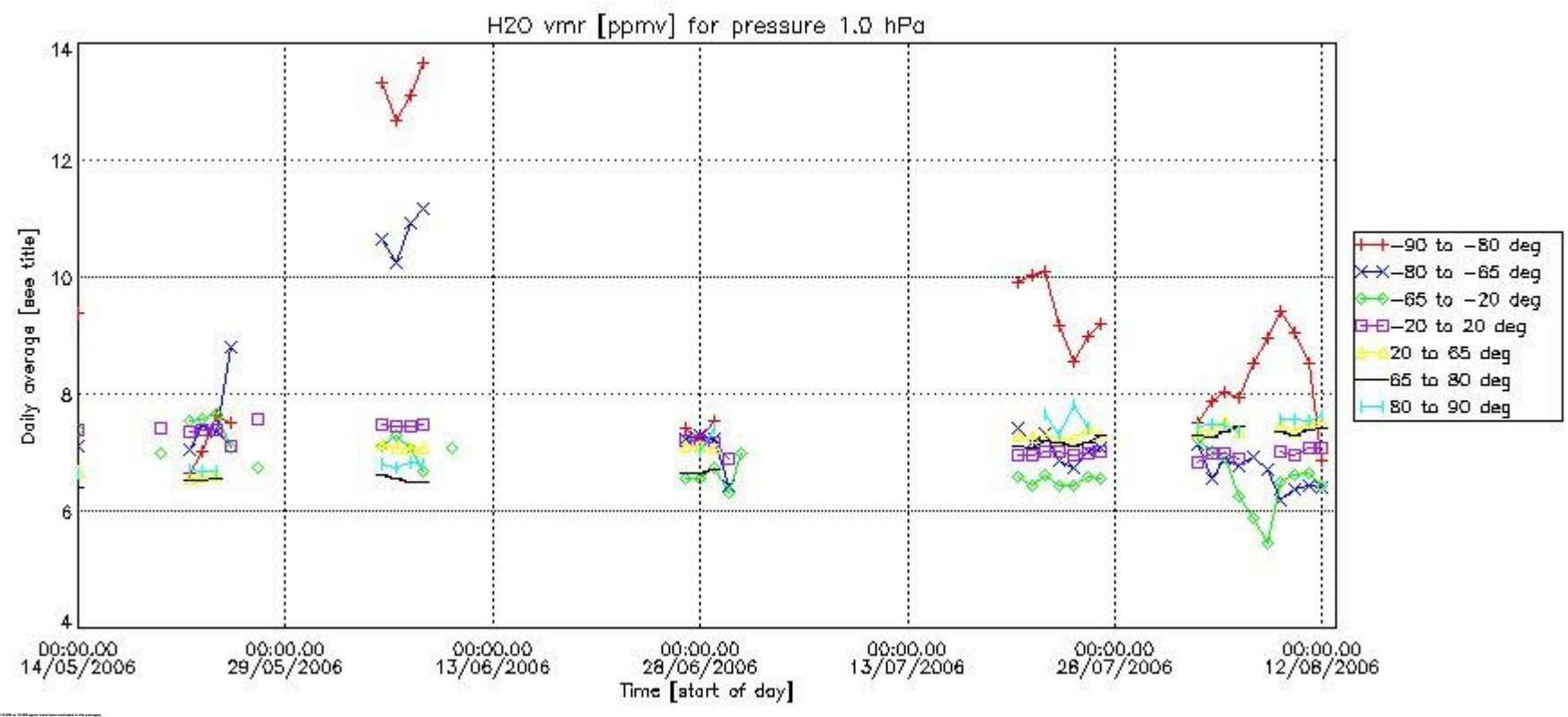
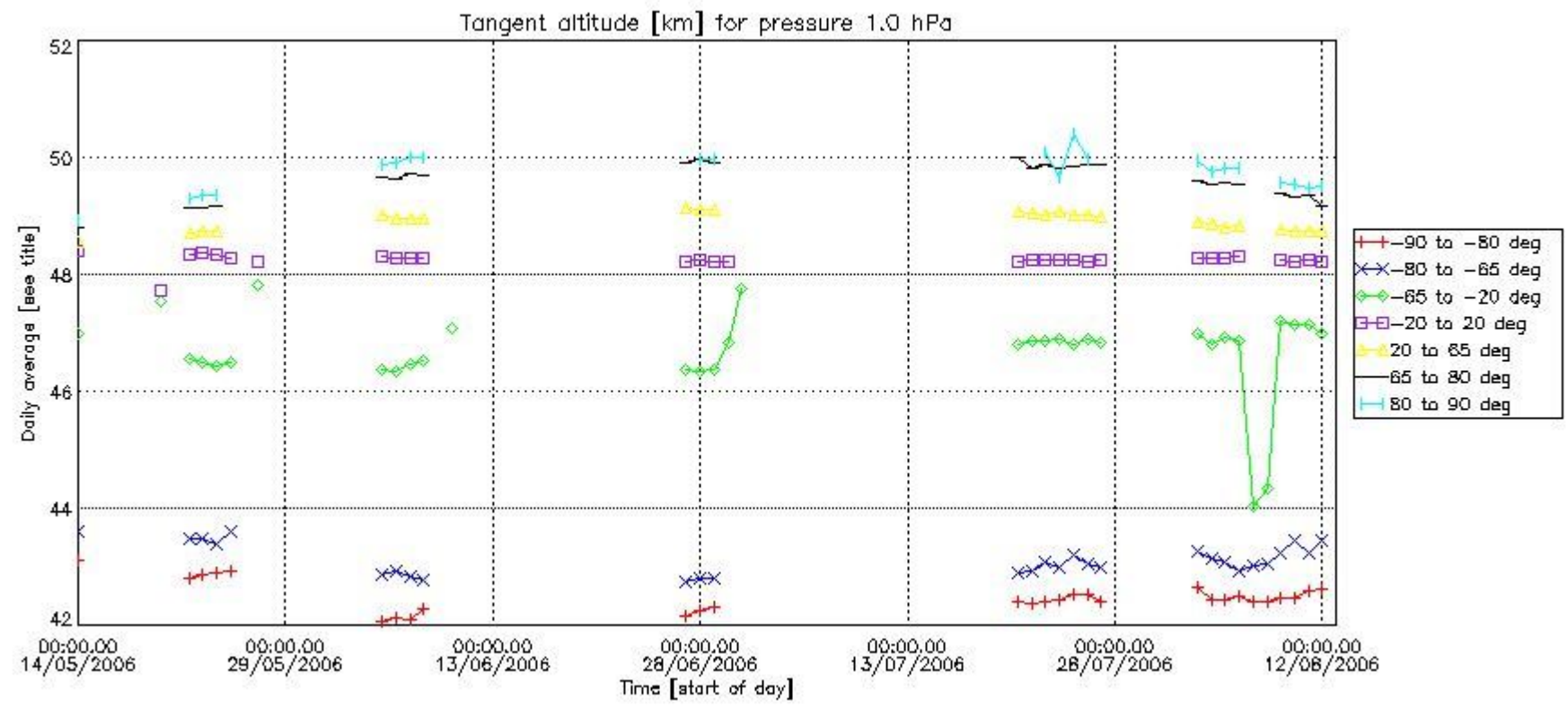


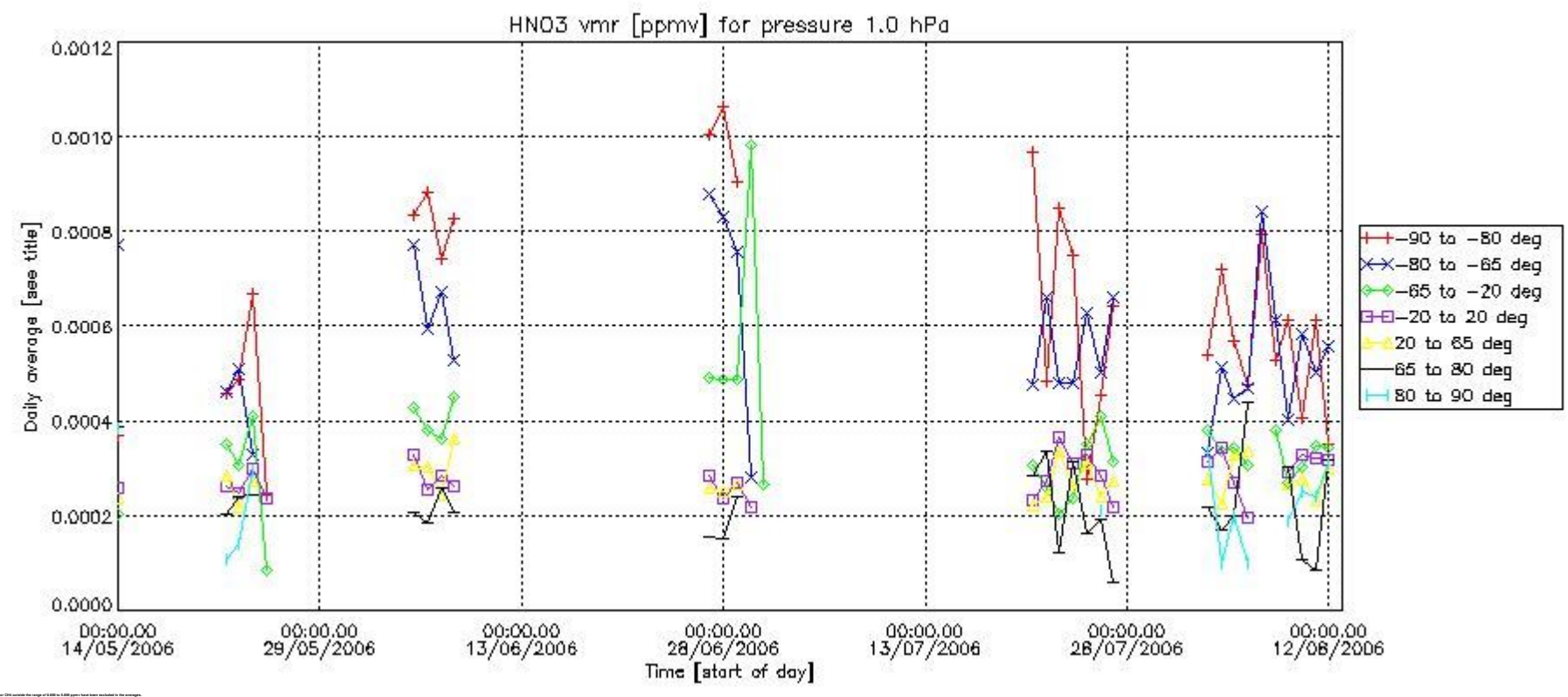
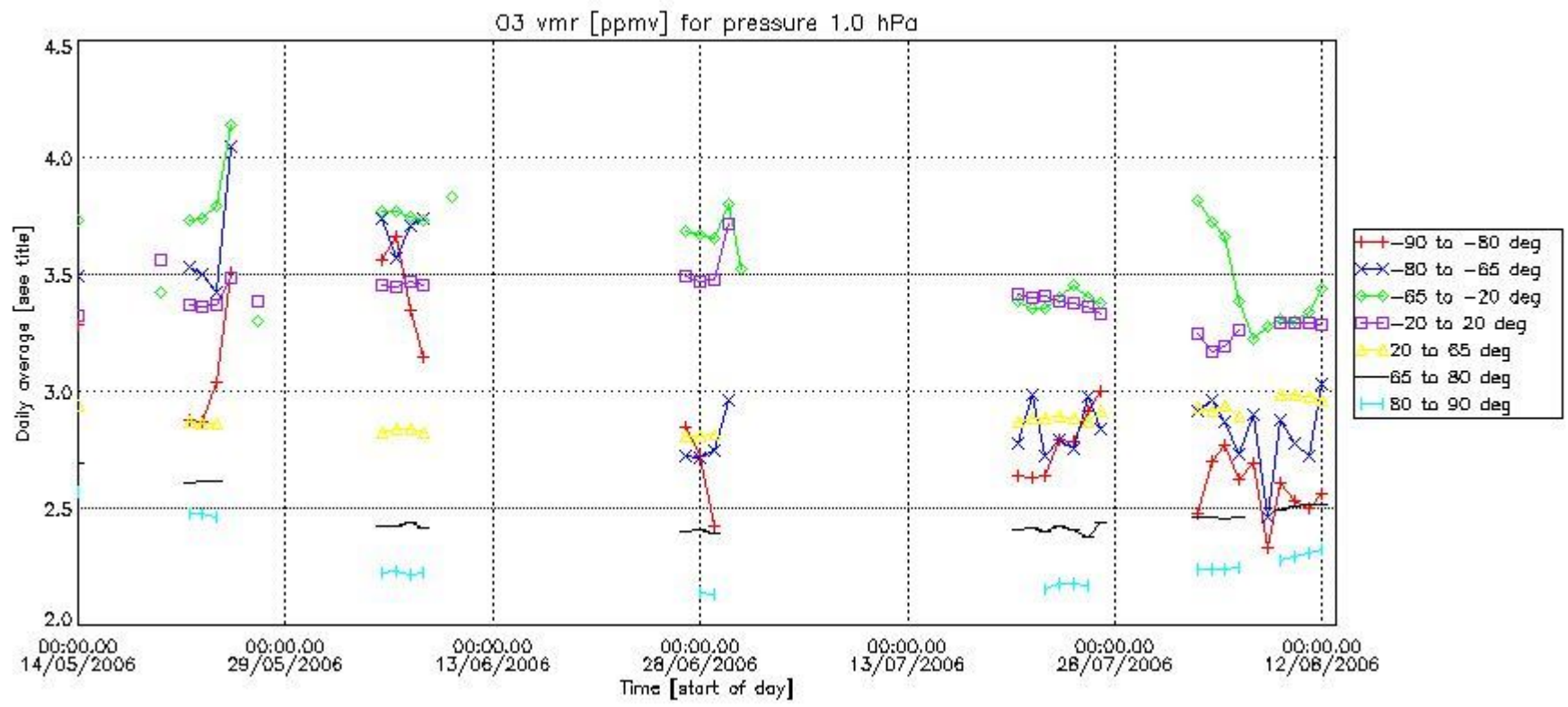


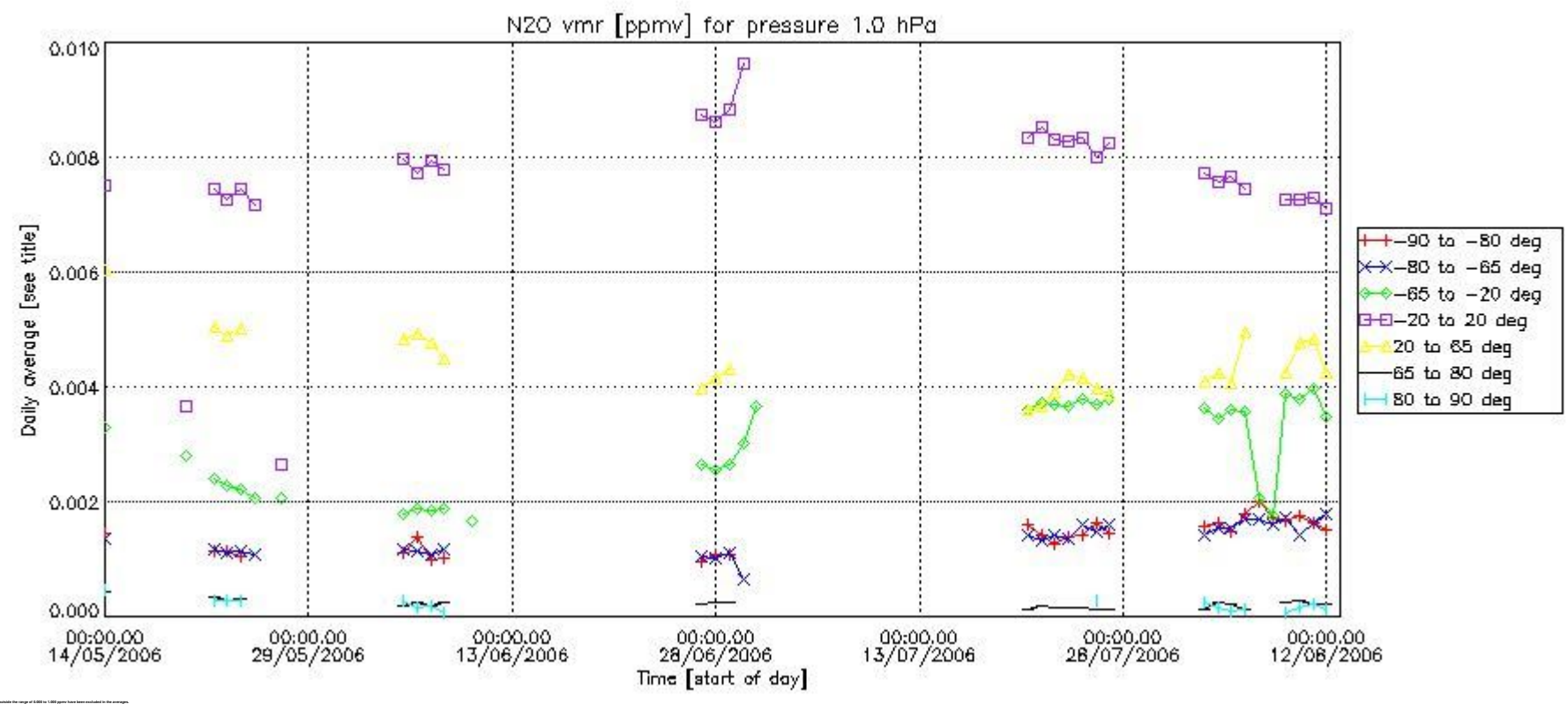
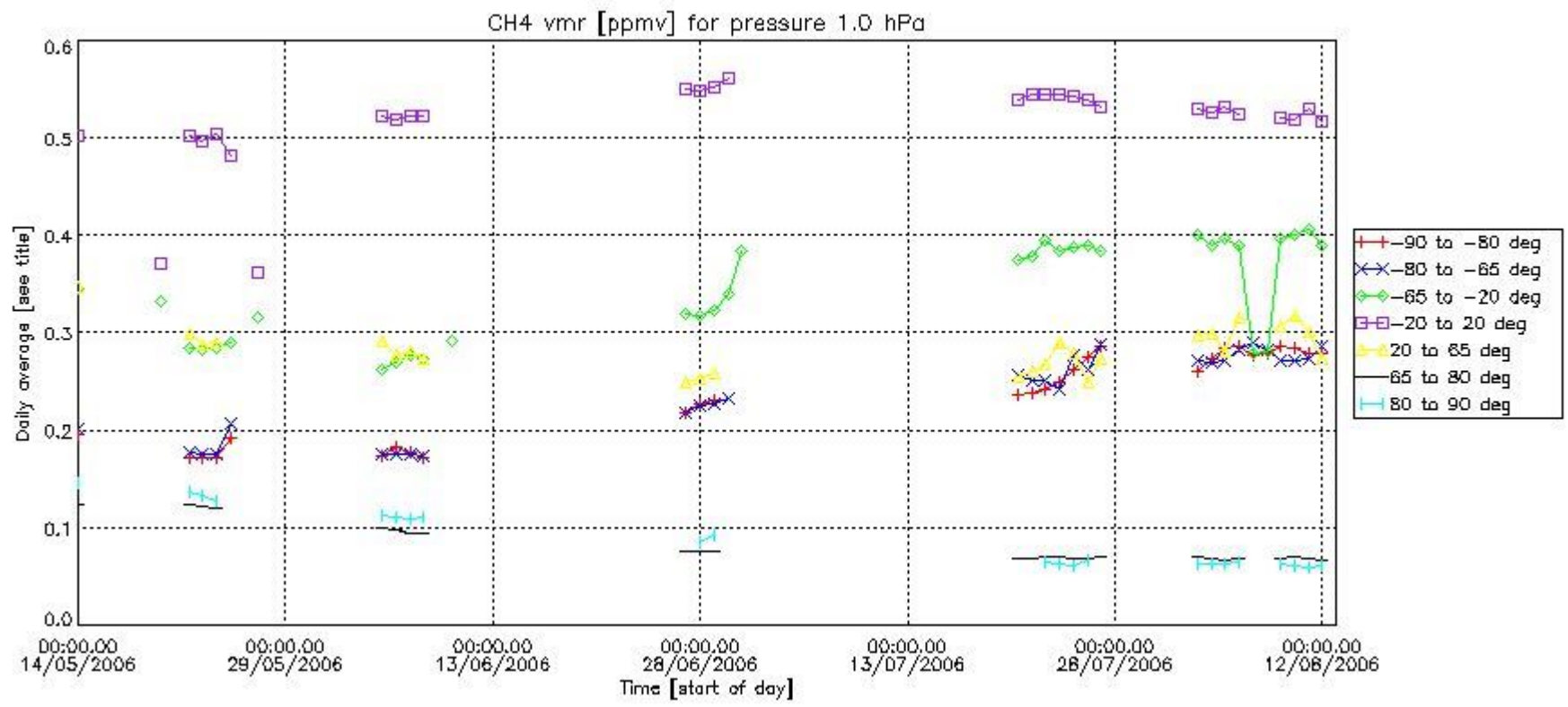


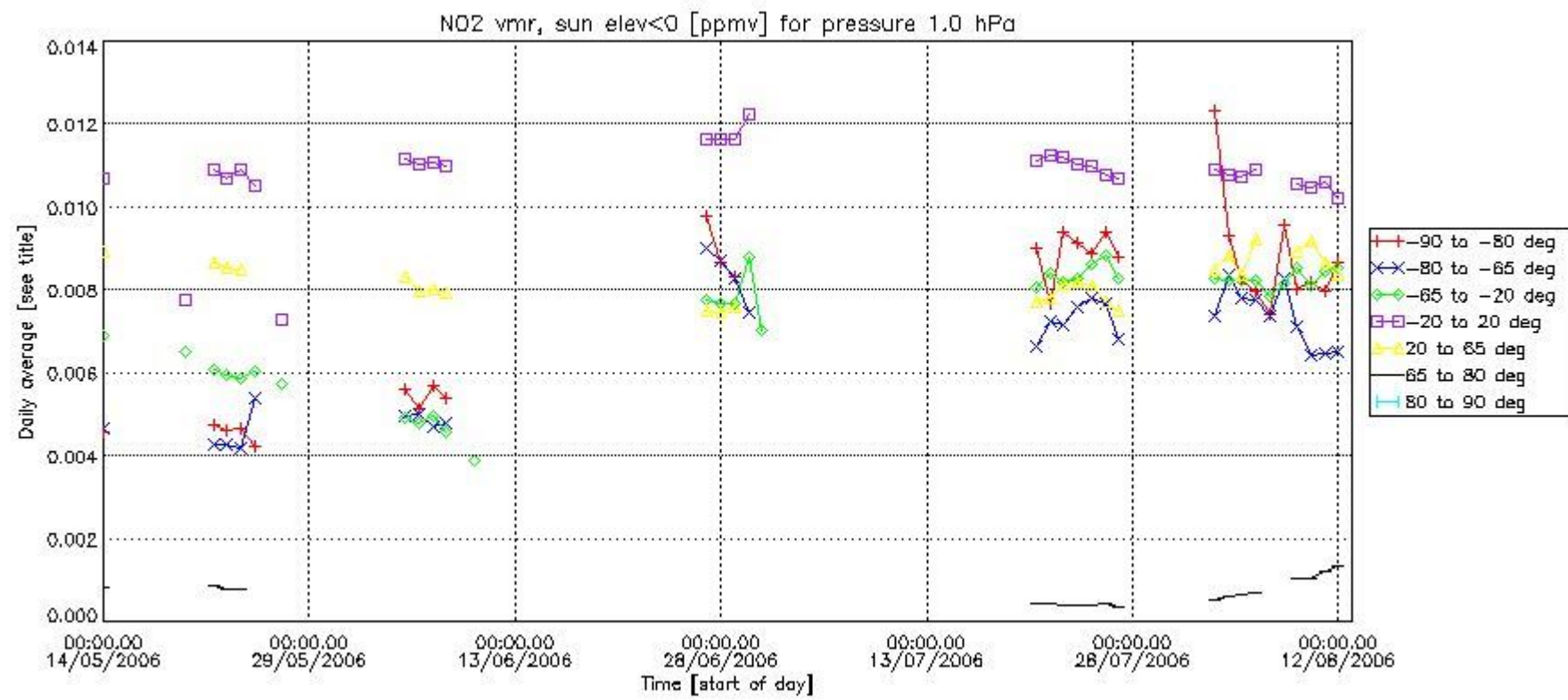
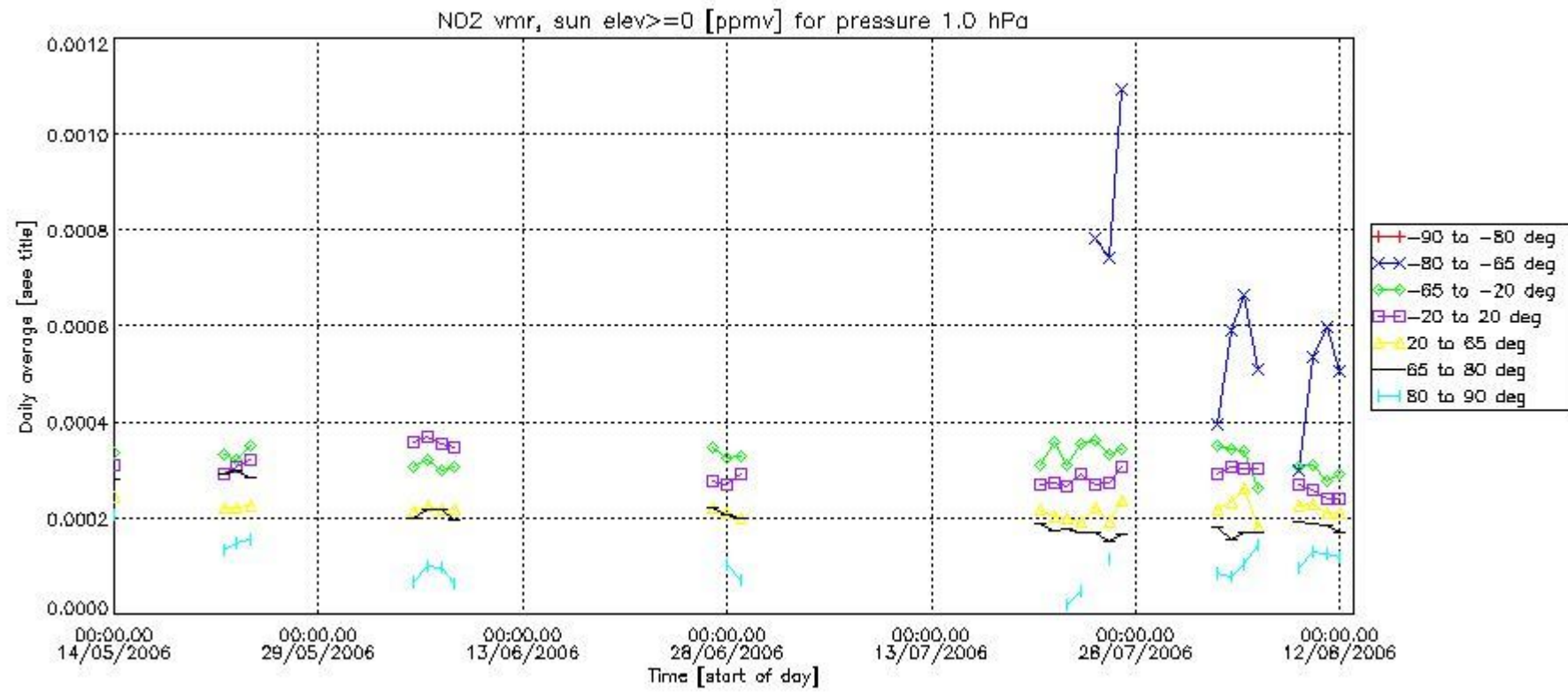


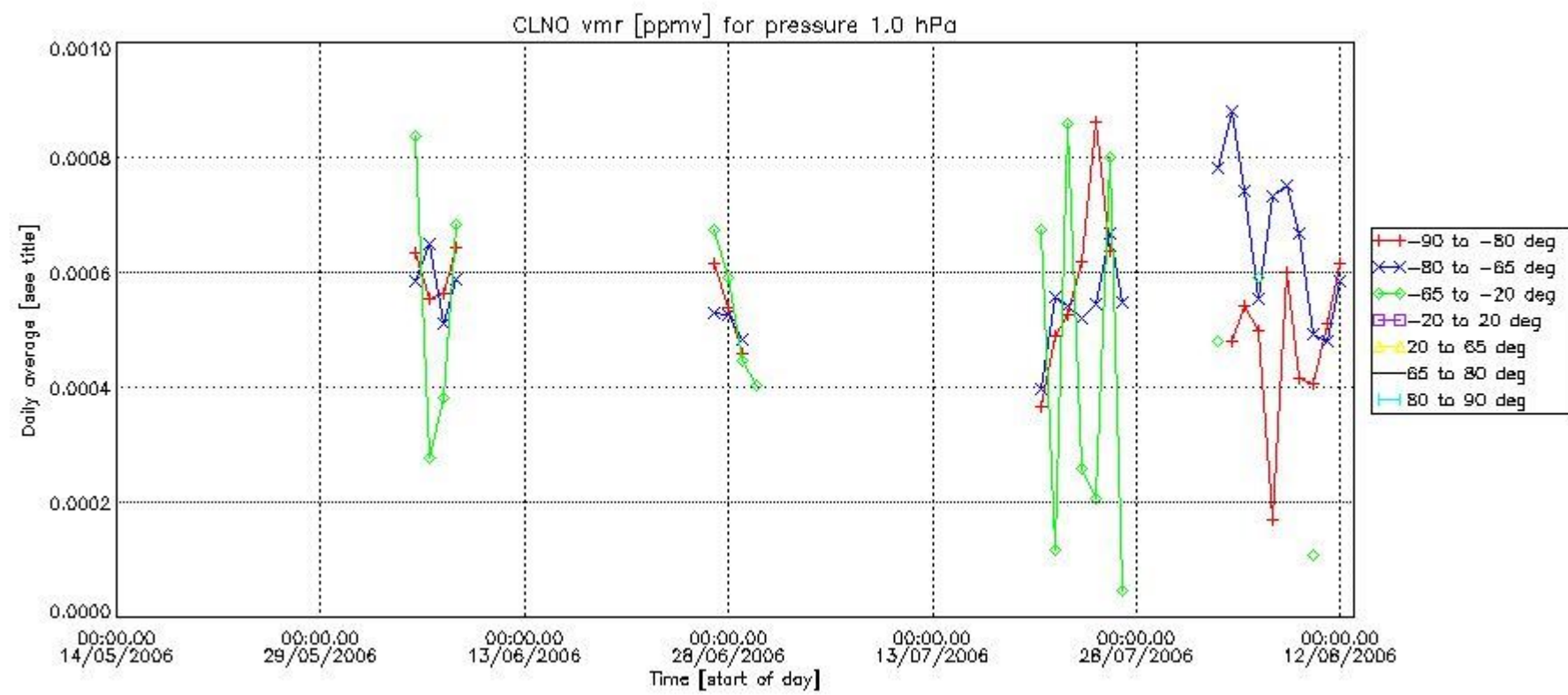
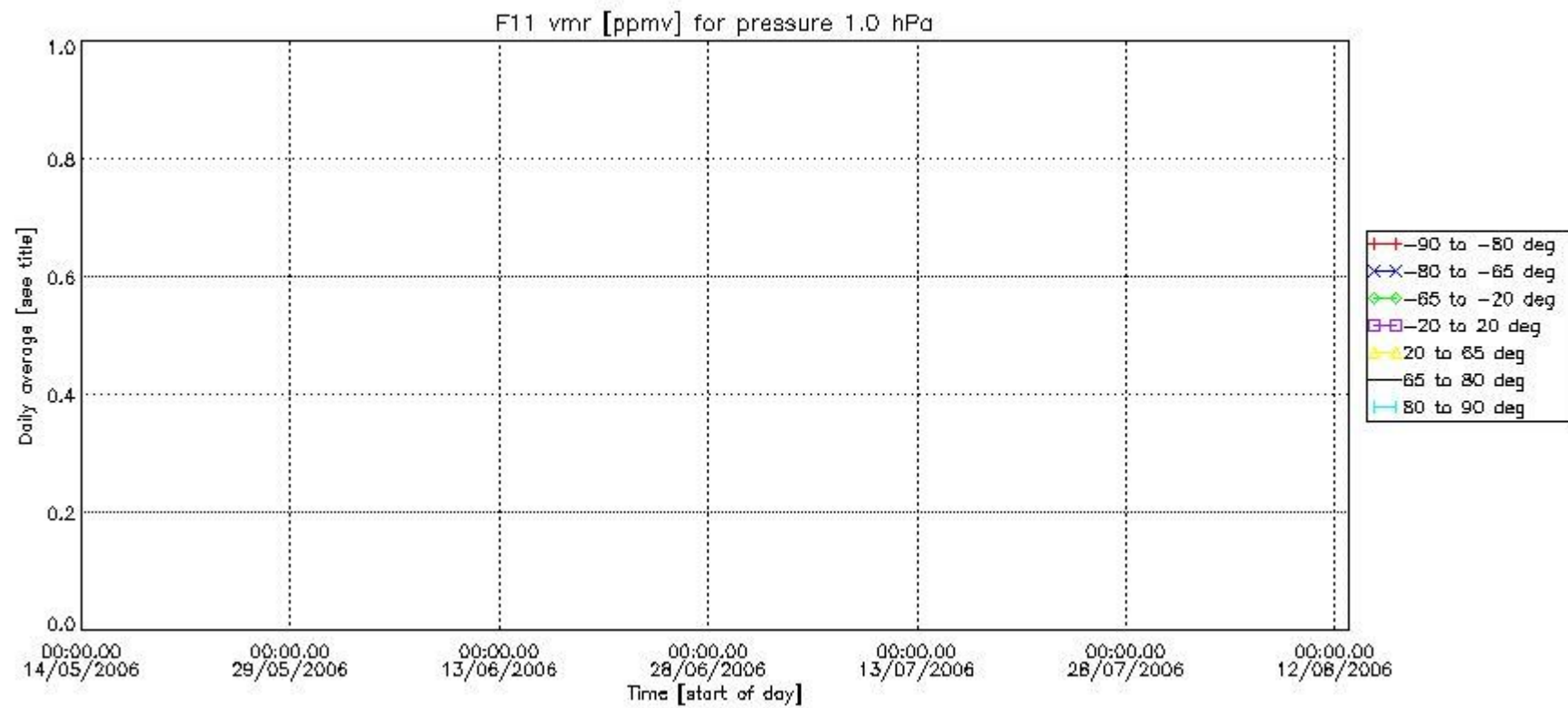


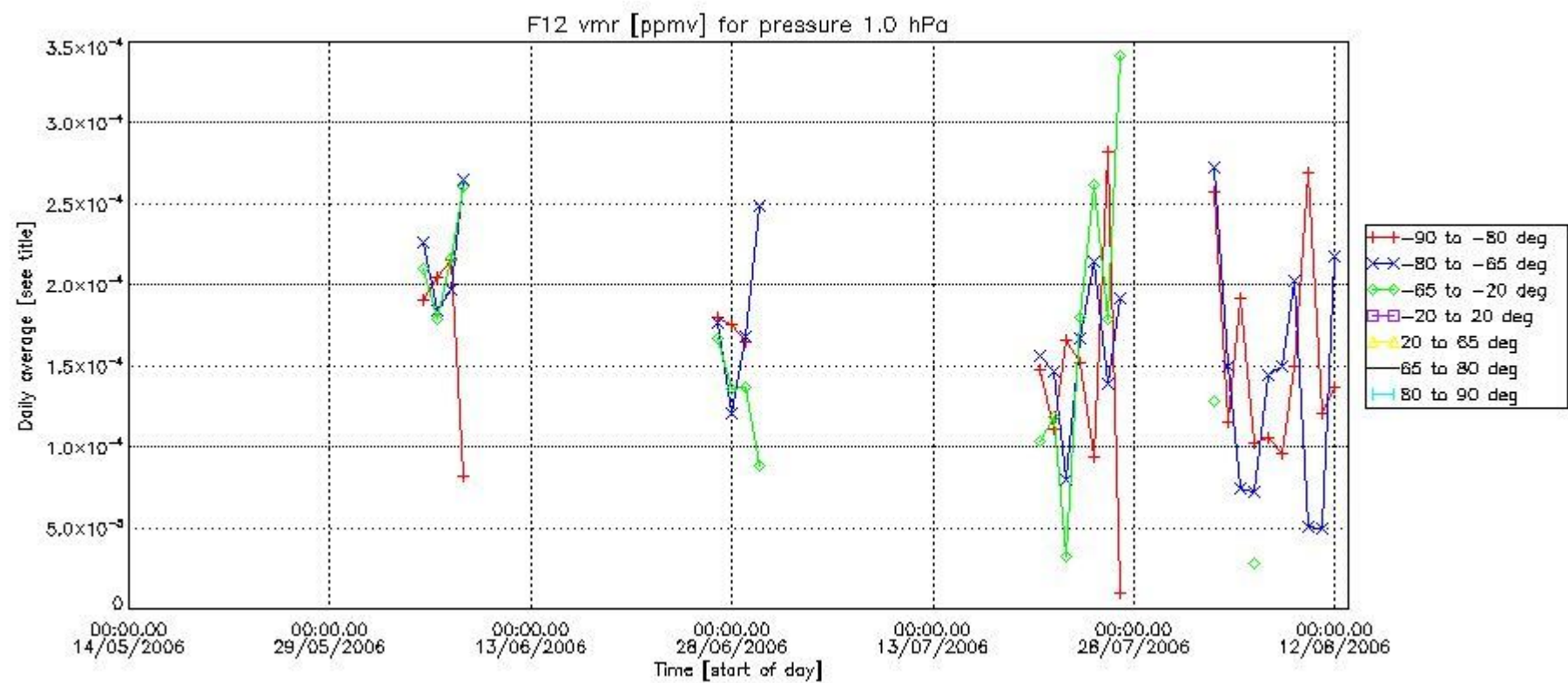
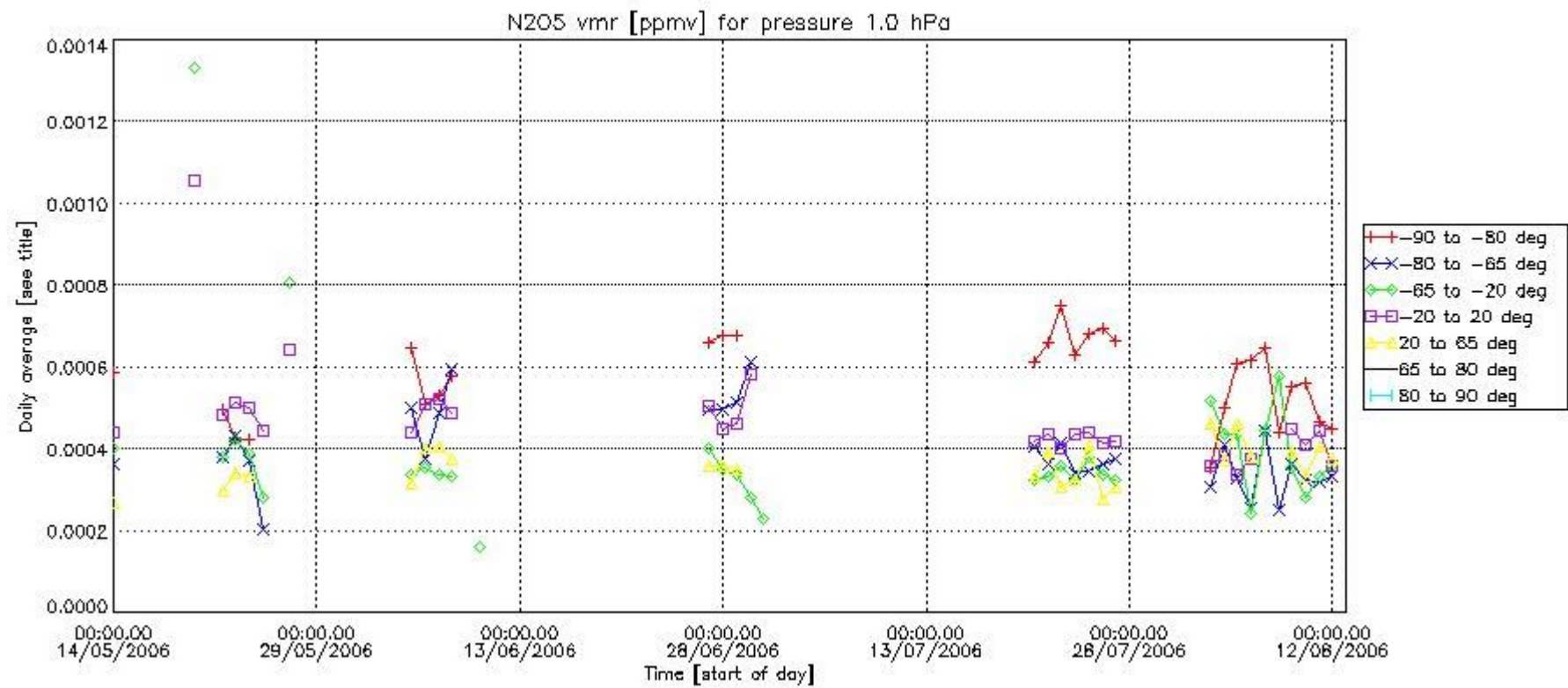


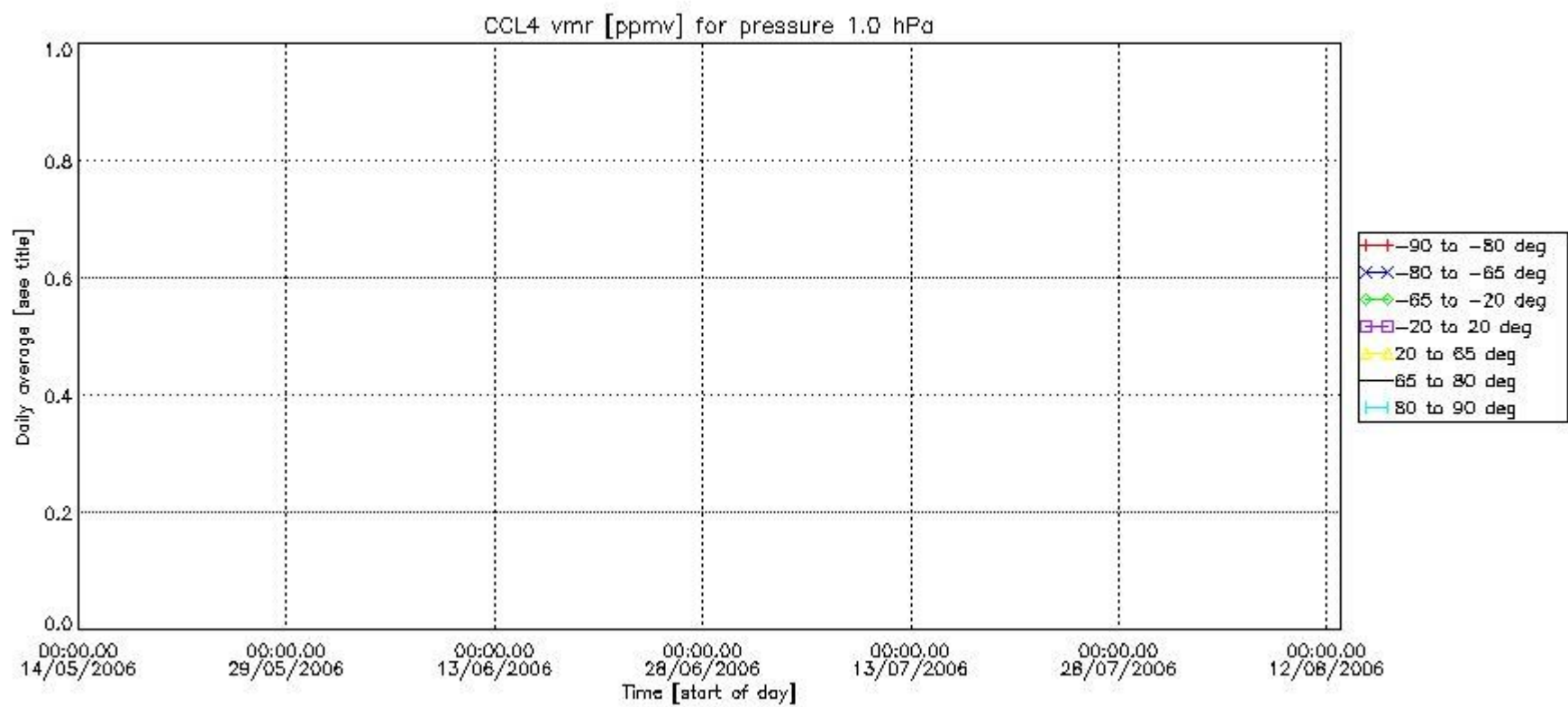
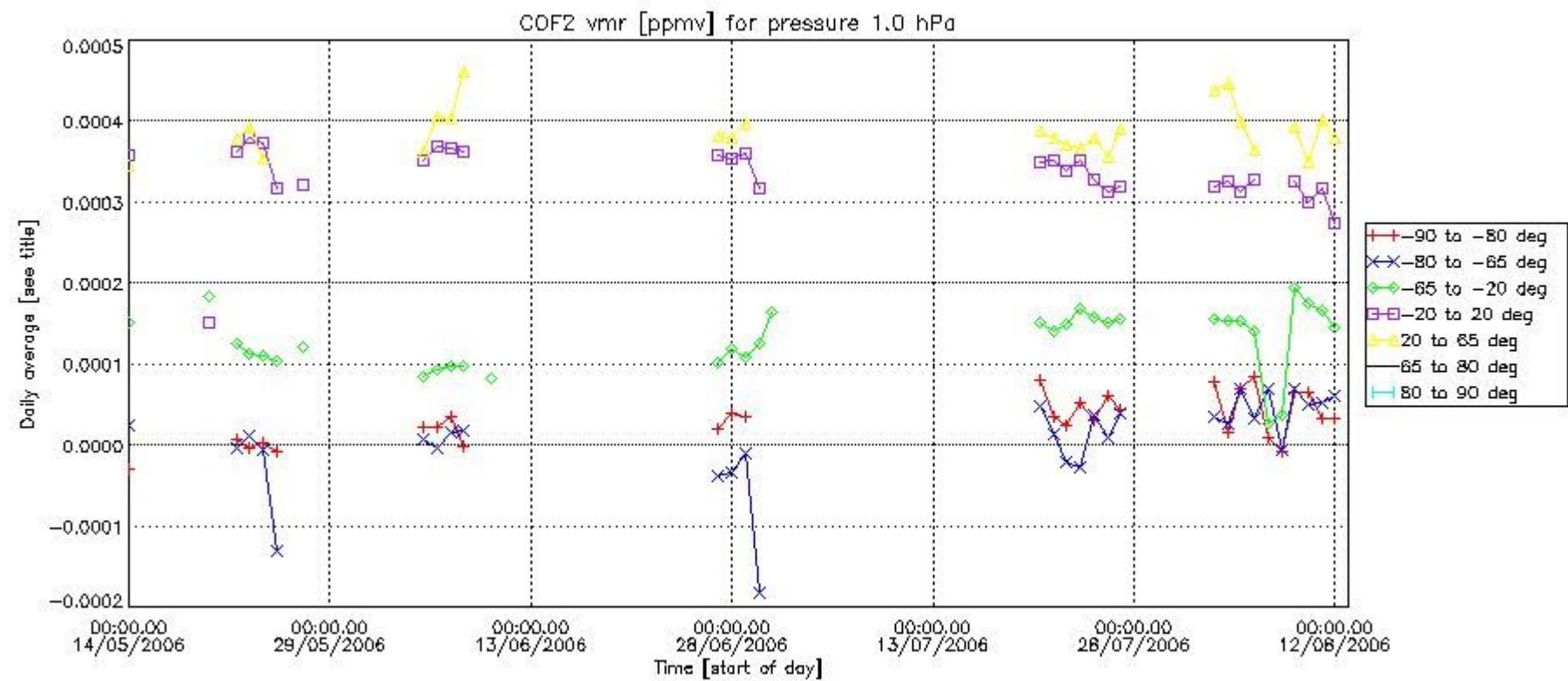


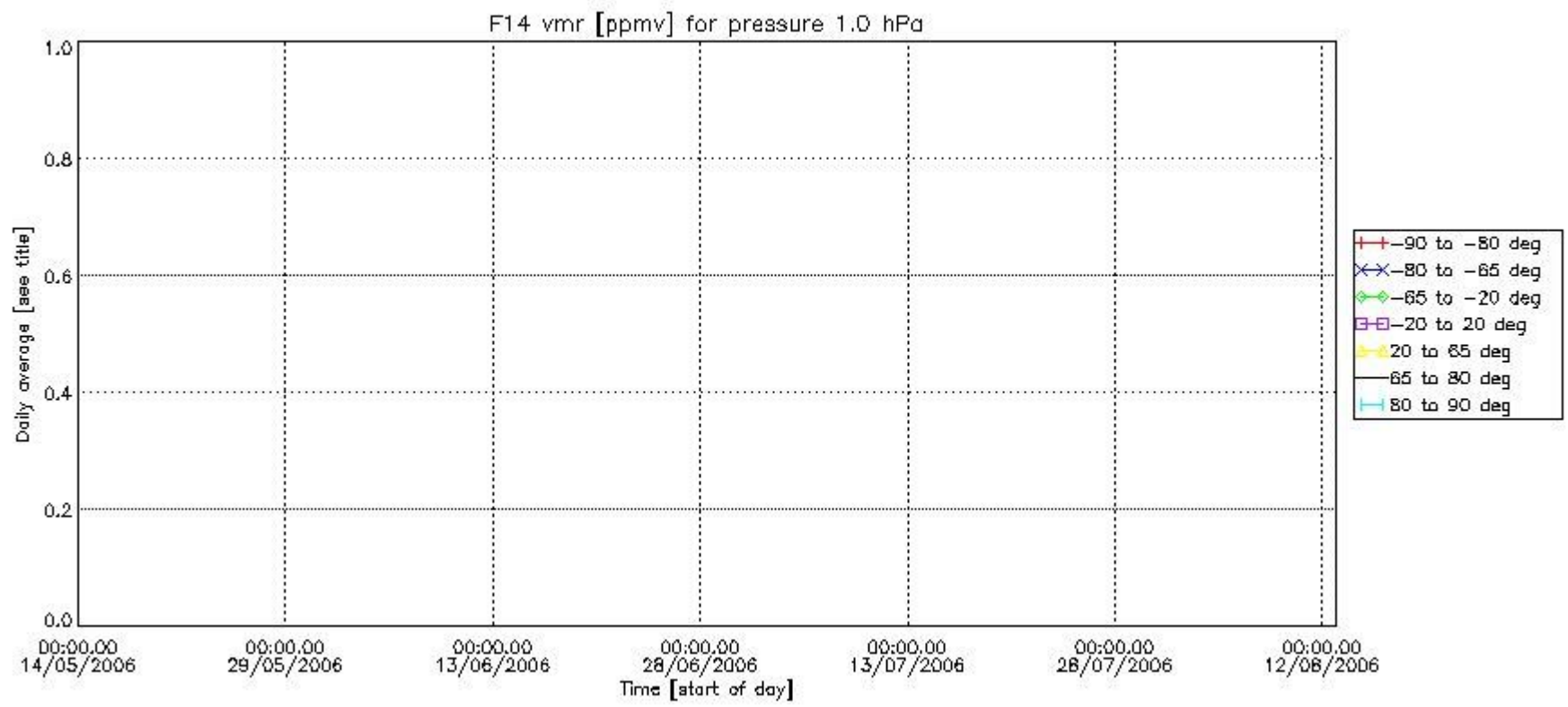
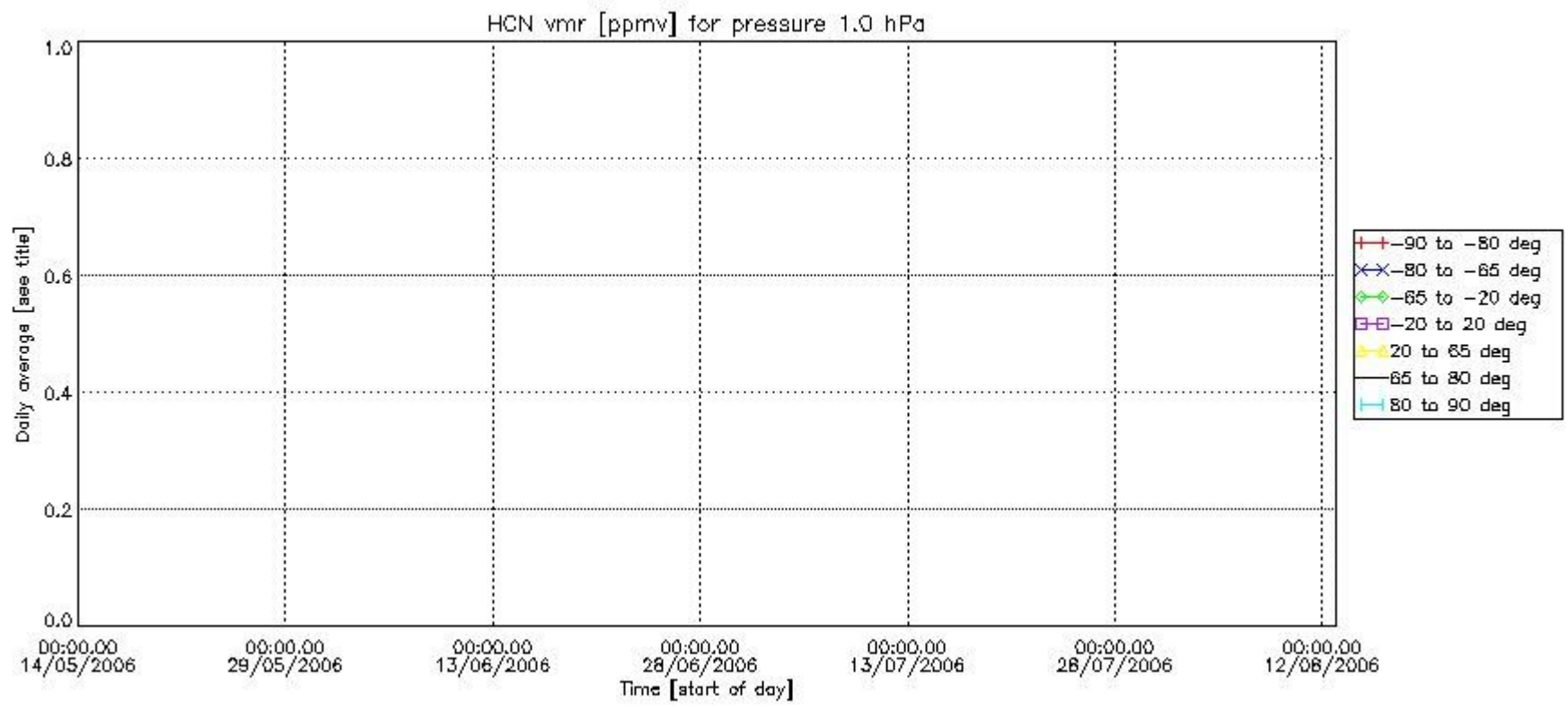


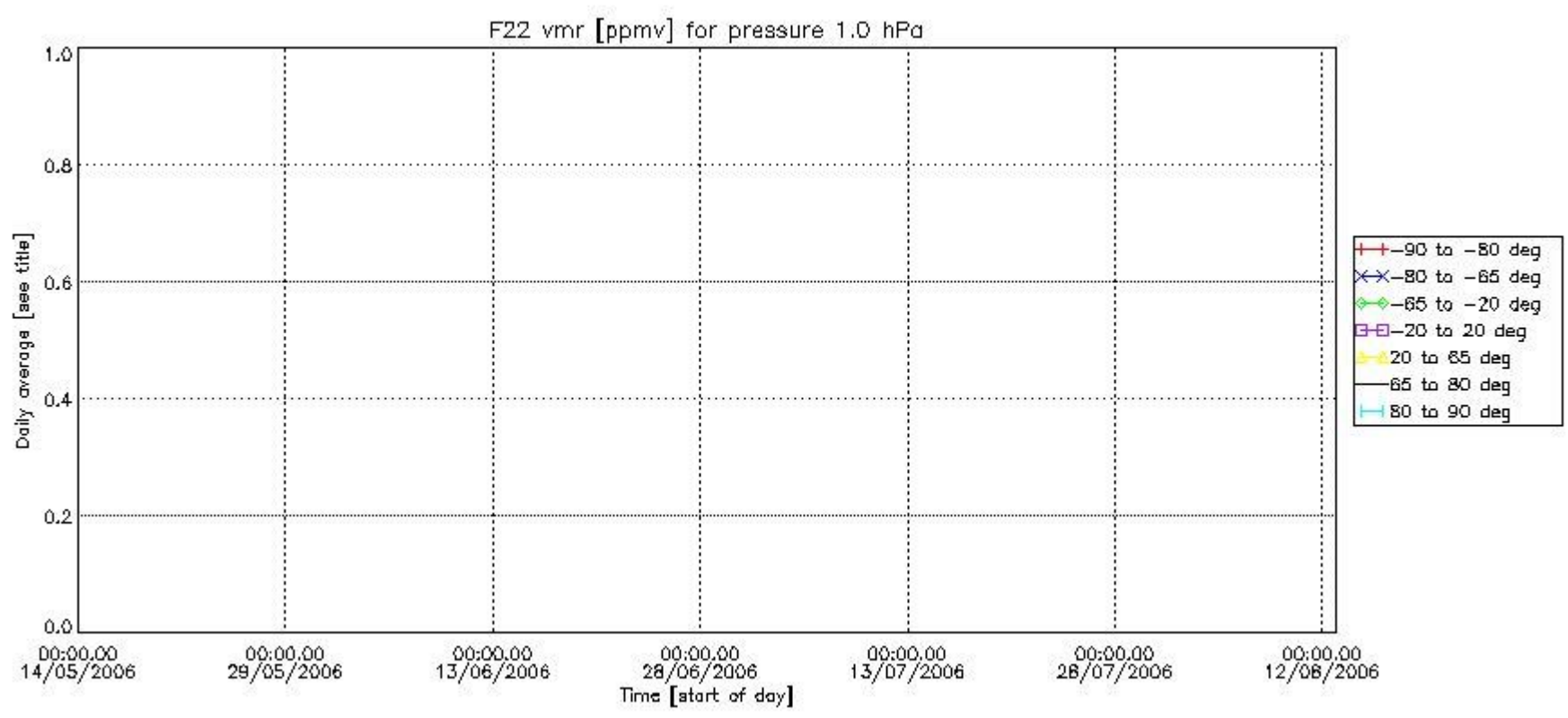












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

