

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060810.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 19:45:55
Data source version	ML2PP/7.03-W
Processing scope for products	10AUG2006 00:00:00 to 11AUG2006 00:00:00
Start time of first product within scope	09AUG2006 23:57:50
Stop time of last product within scope	11AUG2006 00:50:13
Total number of level 2 products	8
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_2PWDSI20060809_235750_000050402050_00131_23231_1000.N1	09AUG2006 23:57:50	10AUG2006 01:21:50	0	111/111	VMR_TERM_MACRO_MICRO[O3/micro:1]
1	MIP_NL_2PWDSI20060810_063550_000002132050_00134_23234_1000.N1	10AUG2006 06:35:50	10AUG2006 06:39:24	0	5/5	
2	MIP_NL_2PWDSI20060810_064014_000060302050_00135_23235_1000.N1	10AUG2006 06:40:14	10AUG2006 08:20:43	0	109/109	
3	MIP_NL_2PWDSI20060810_082050_000060302050_00136_23236_1000.N1	10AUG2006 08:20:50	10AUG2006 10:01:19	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:2; CLNO/micro:1]
4	MIP_NL_2PWDSI20060810_100126_000050402050_00137_23237_1000.N1	10AUG2006 10:01:26	10AUG2006 11:25:26	0	111/111	VMR_TERM_MACRO_MICRO[F14/macro:1; CLNO/micro:1; HCN/micro:2]
5	MIP_NL_2PWDSI20060810_200501_000060302050_00143_23243_1000.N1	10AUG2006 20:05:01	10AUG2006 21:45:31	0	128/128	VMR_TERM_MACRO_MICRO[F14/micro:1]
6	MIP_NL_2PWDSI20060810_214537_000060302050_00144_23244_1000.N1	10AUG2006 21:45:37	10AUG2006 23:26:07	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; CLNO/micro:1; HCN/micro:1]
7	MIP_NL_2PWDSI20060810_232613_000050402050_00145_23245_1000.N1	10AUG2006 23:26:13	11AUG2006 00:50:13	0	111/111	VMR_TERM_MACRO_MICRO[HCN/micro:1]

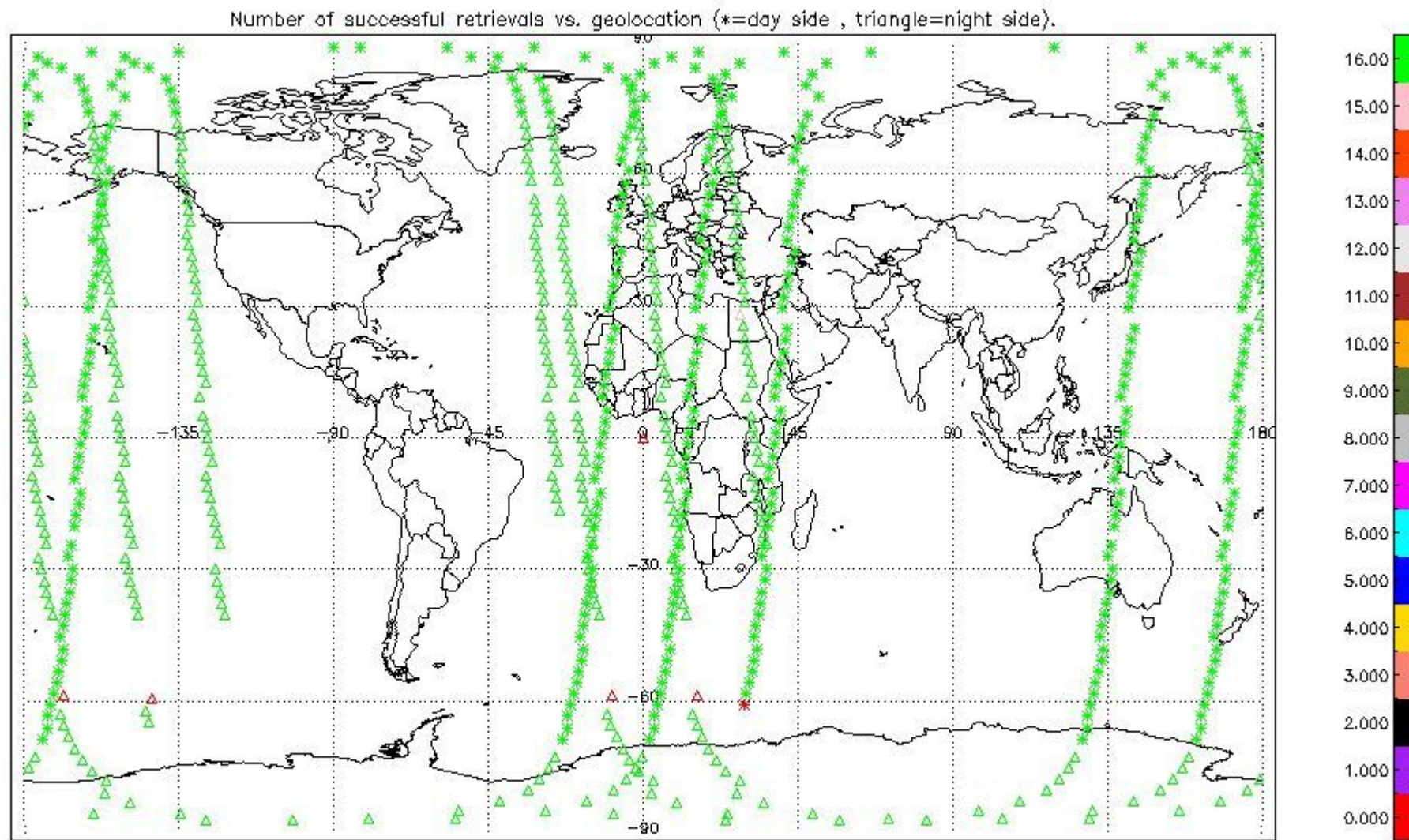
2.2 Processing performance indicators

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.

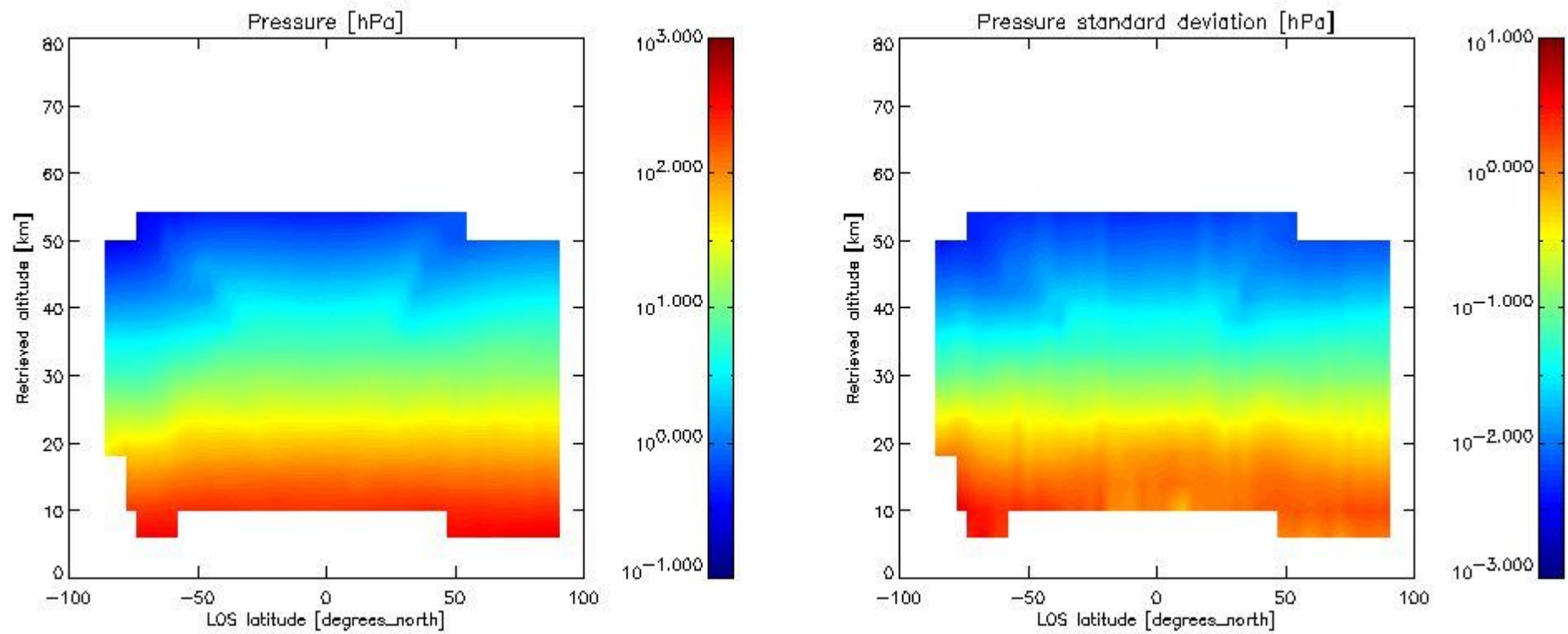
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	831	753	90.614
H2O	831	753	90.614

O3	831	753	90.614
HNO3	831	753	90.614
CH4	831	753	90.614
N2O	831	753	90.614
NO2	831	753	90.614
F11	831	753	90.614
CLNO	831	753	90.614
N2O5	831	753	90.614
F12	831	752	90.493
COF2	831	753	90.614
CCL4	831	753	90.614
HCN	831	753	90.614
F14	831	753	90.614
F22	831	753	90.614



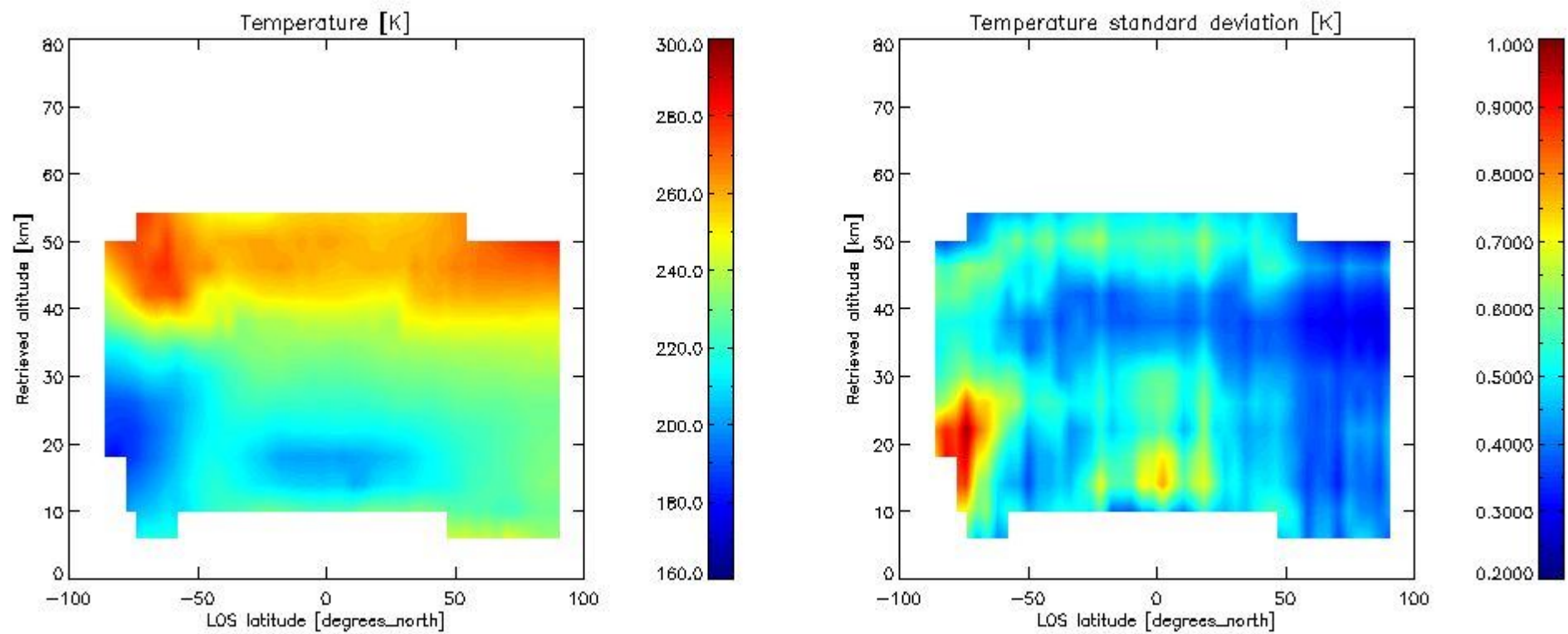
2.2.2 Pressure overview

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



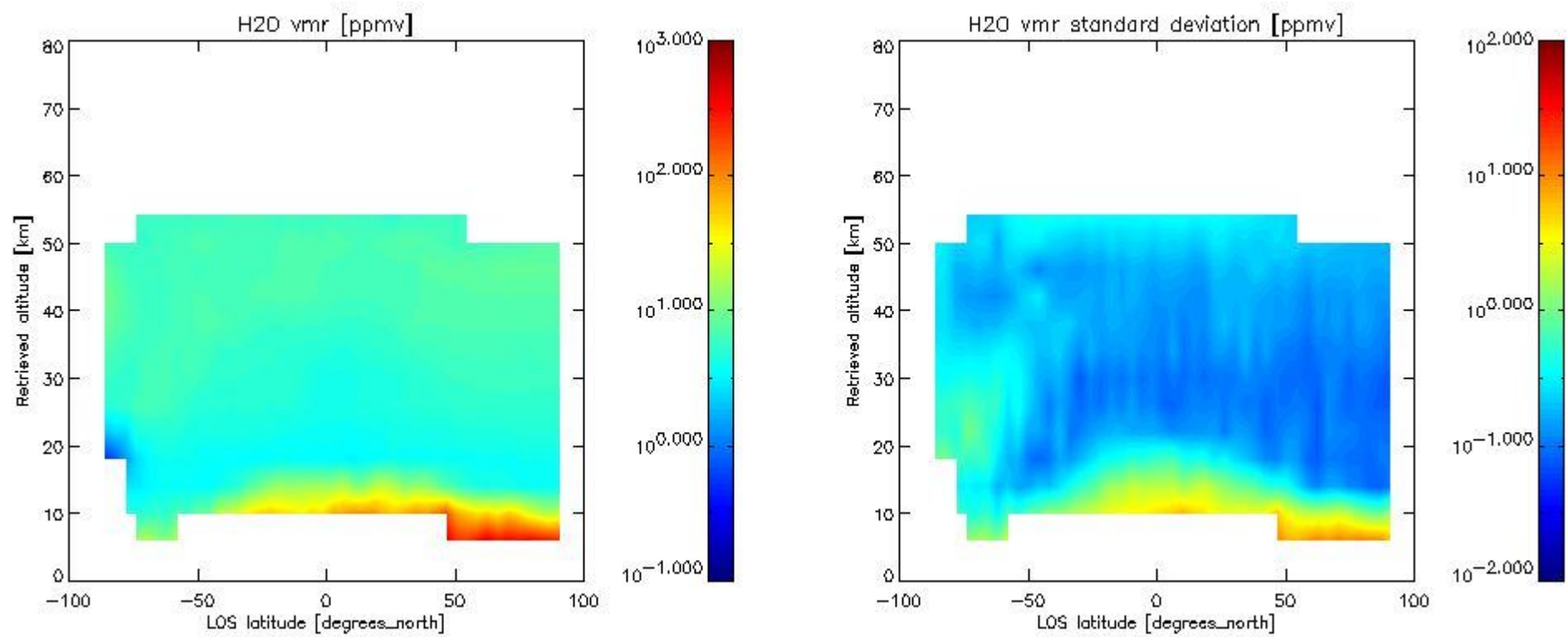
2.2.3 Temperature overview

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

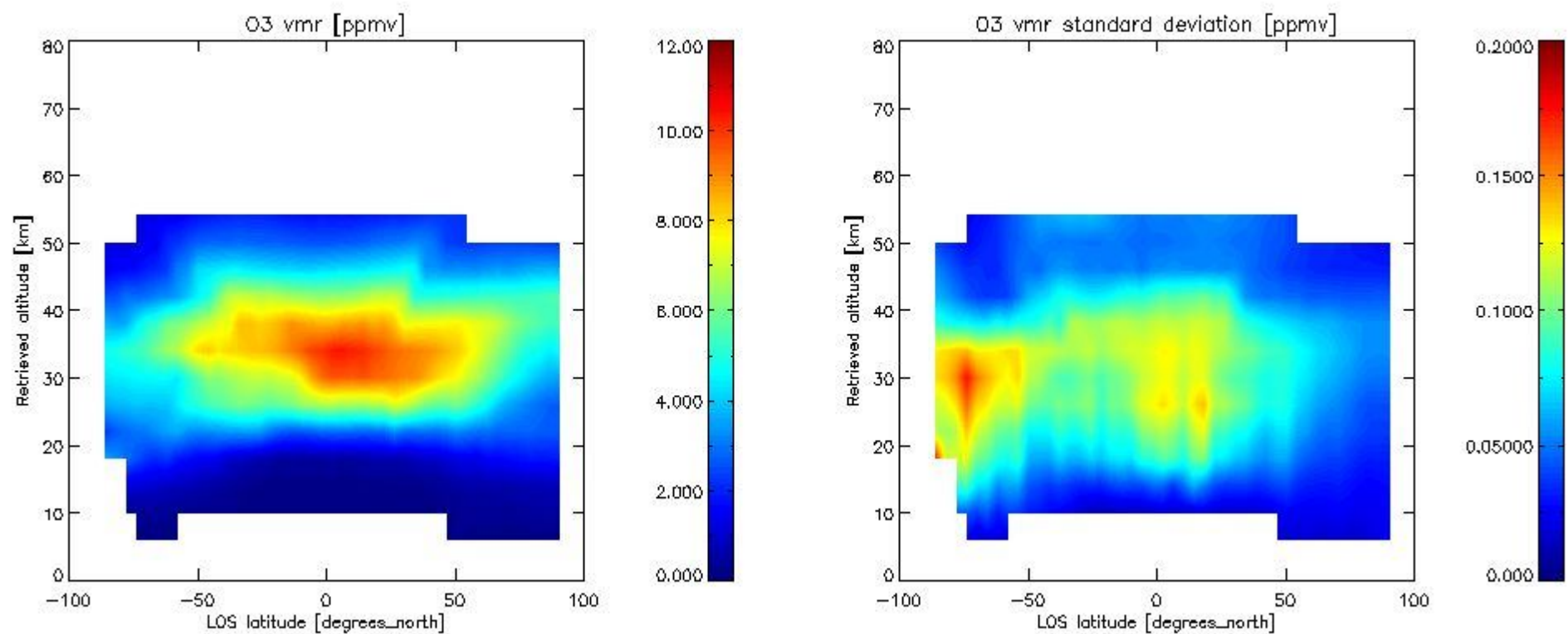


2.2.4 Species overview

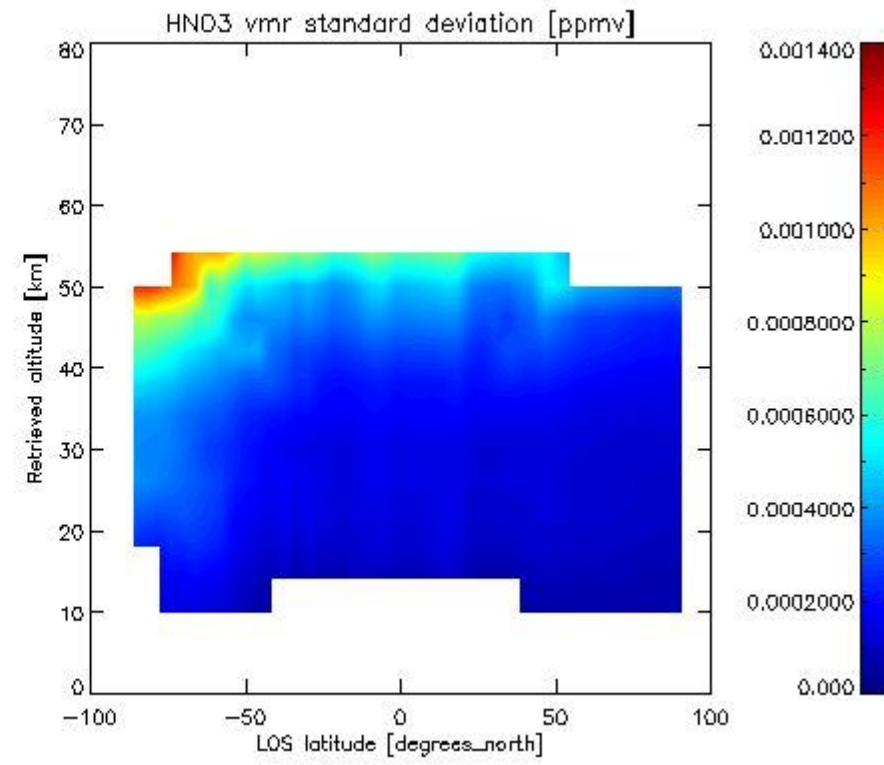
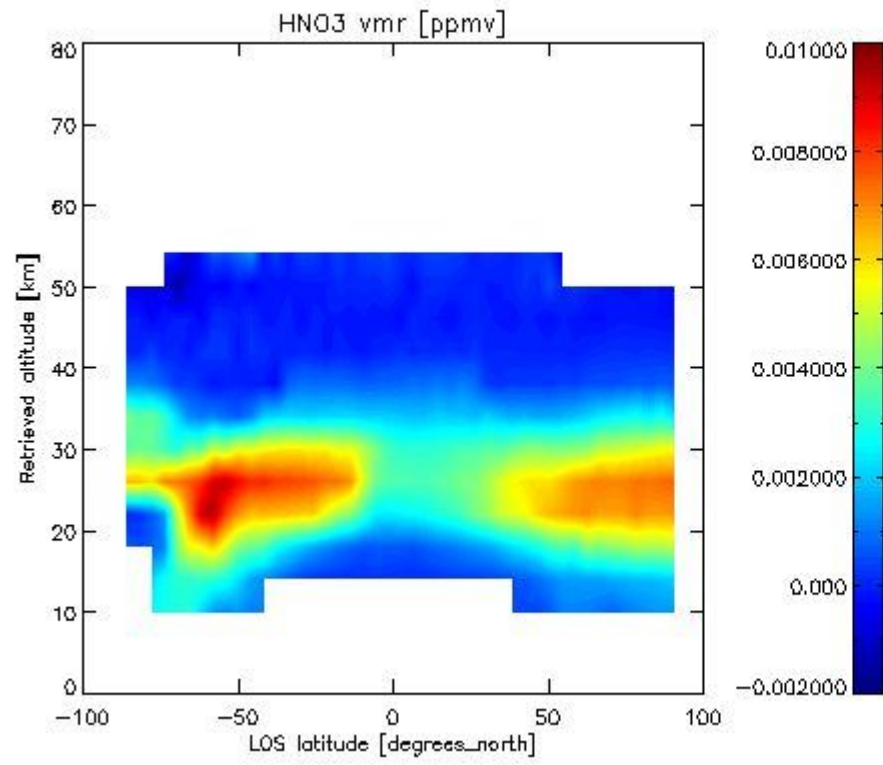
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



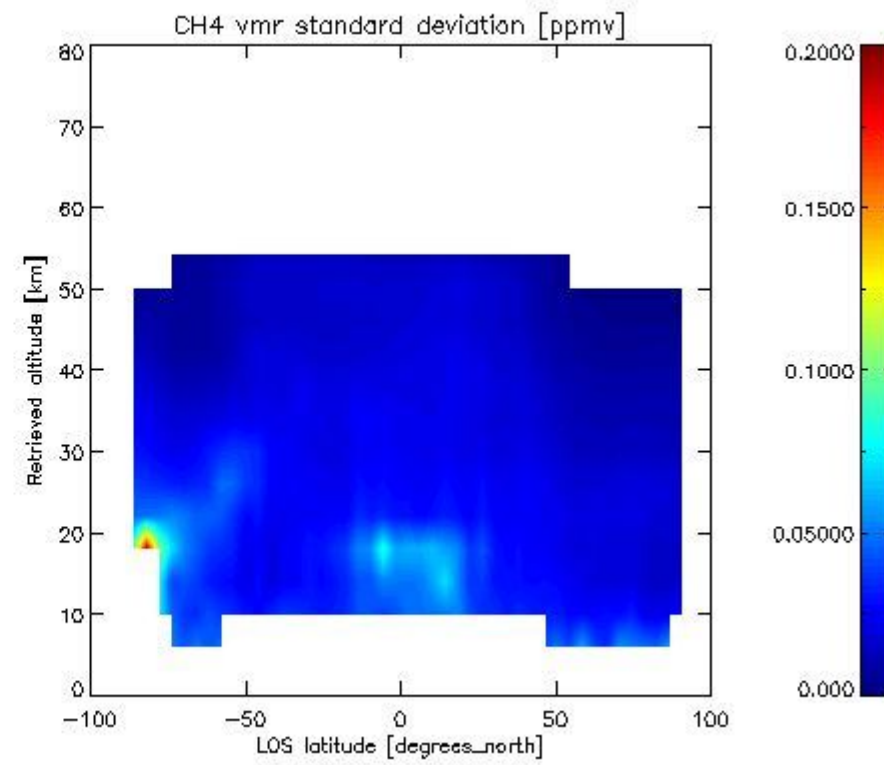
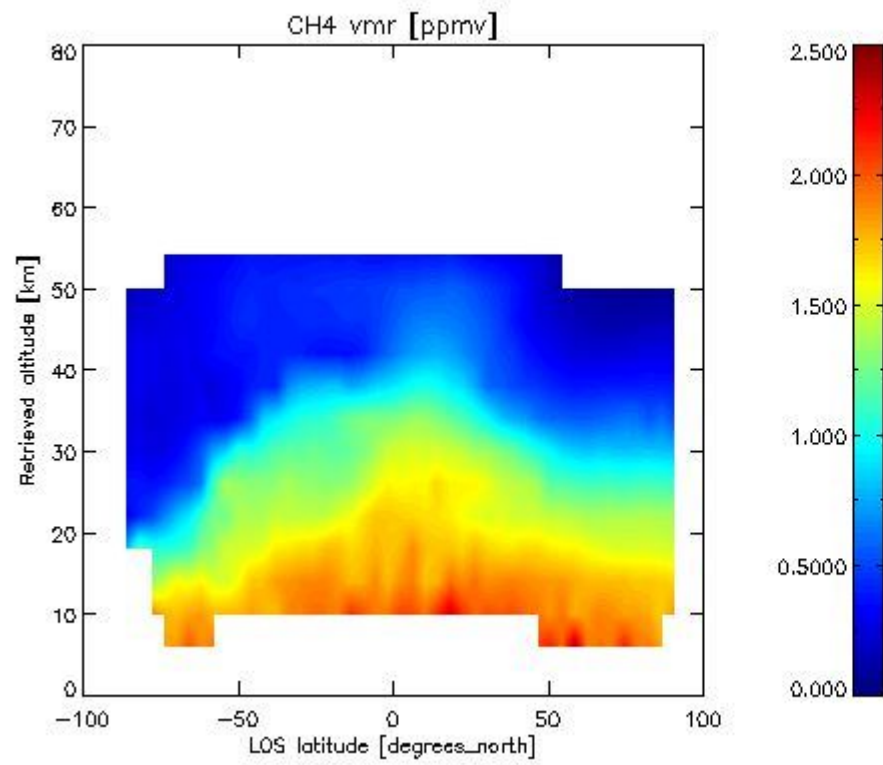
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



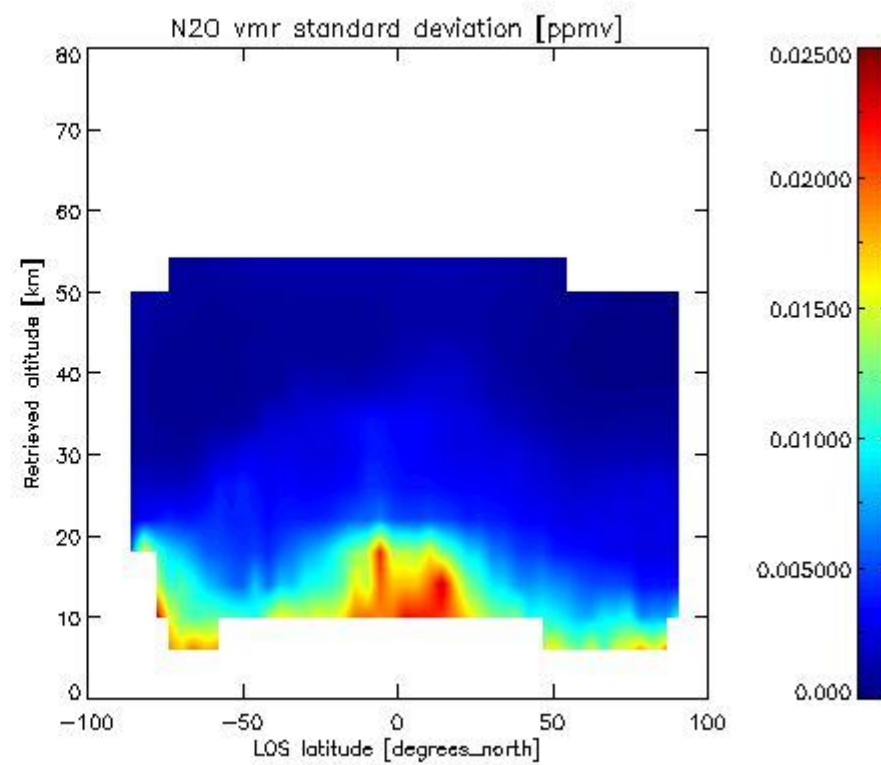
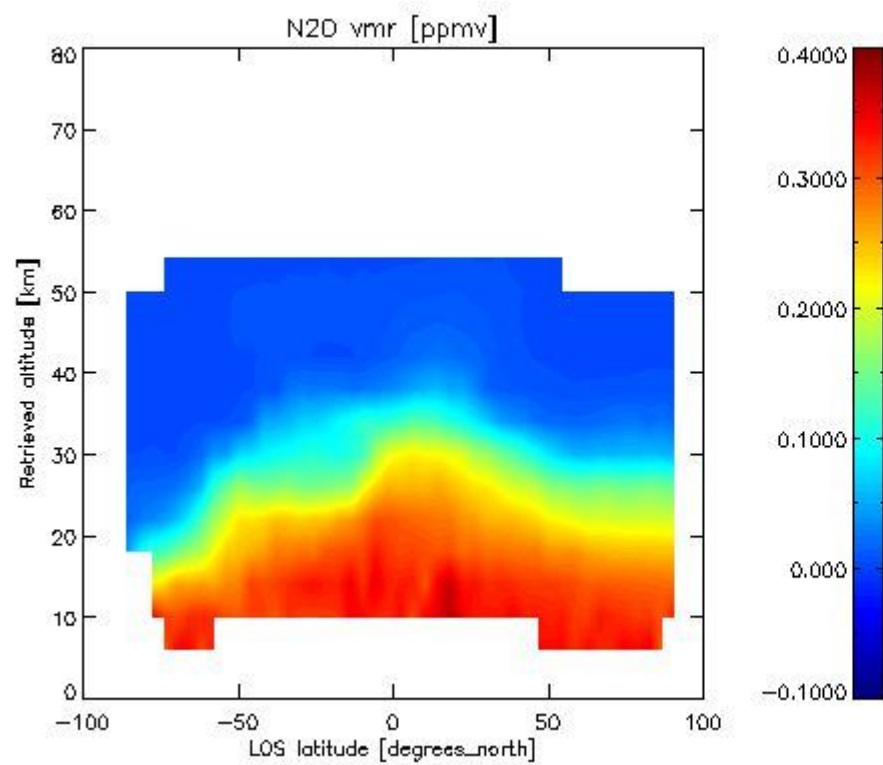
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



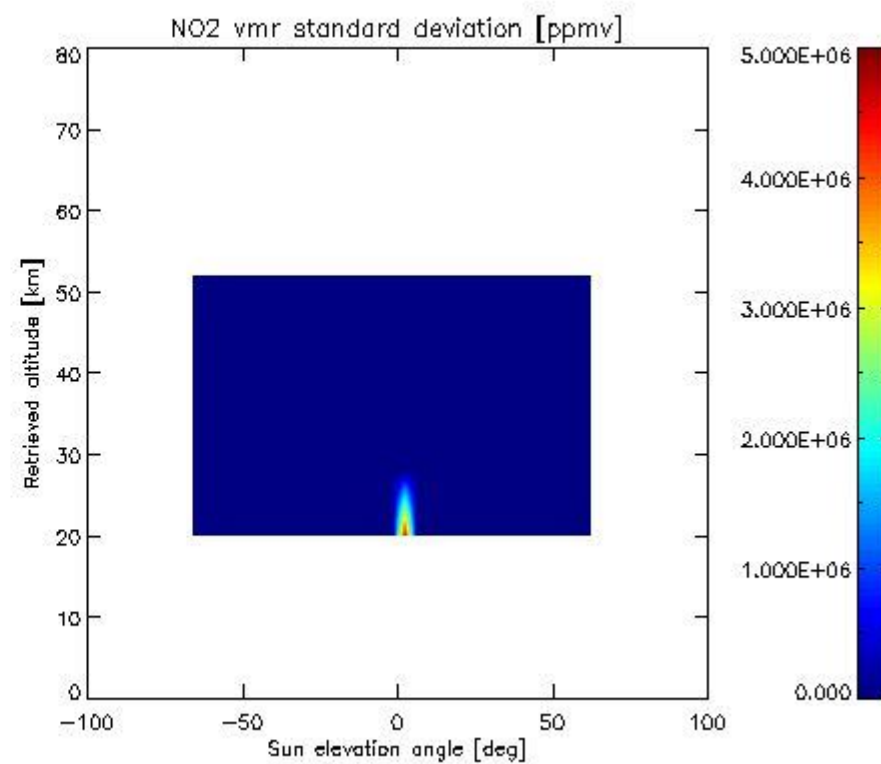
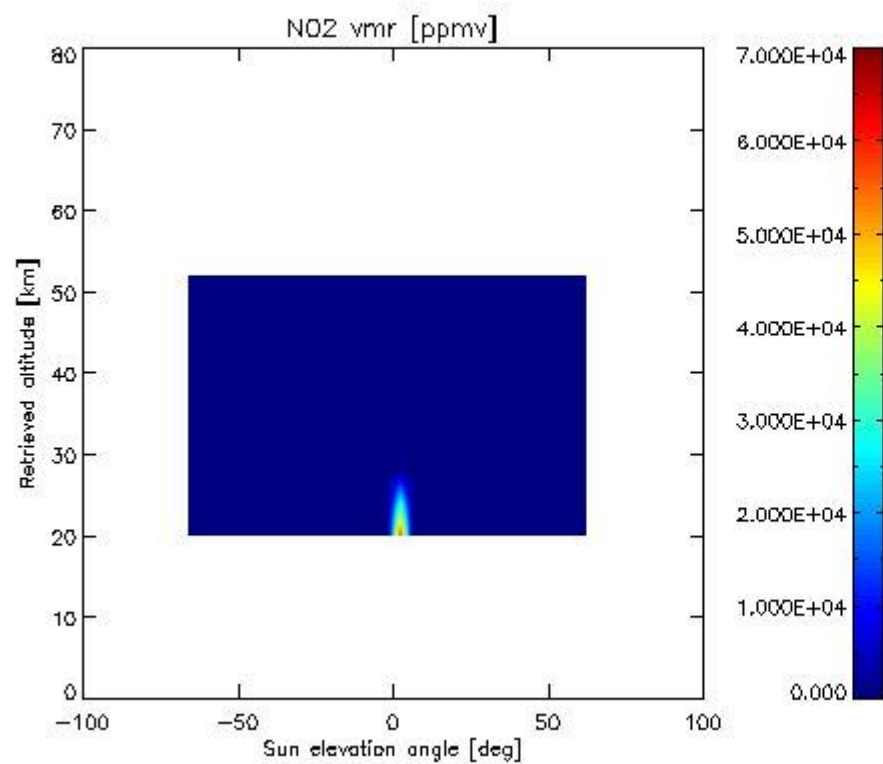
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



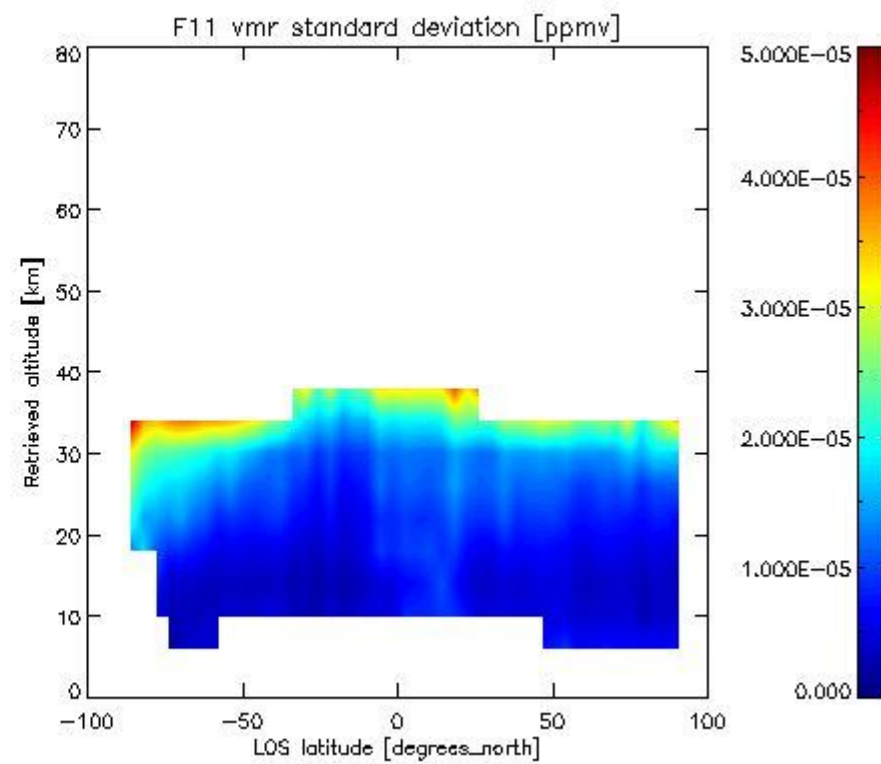
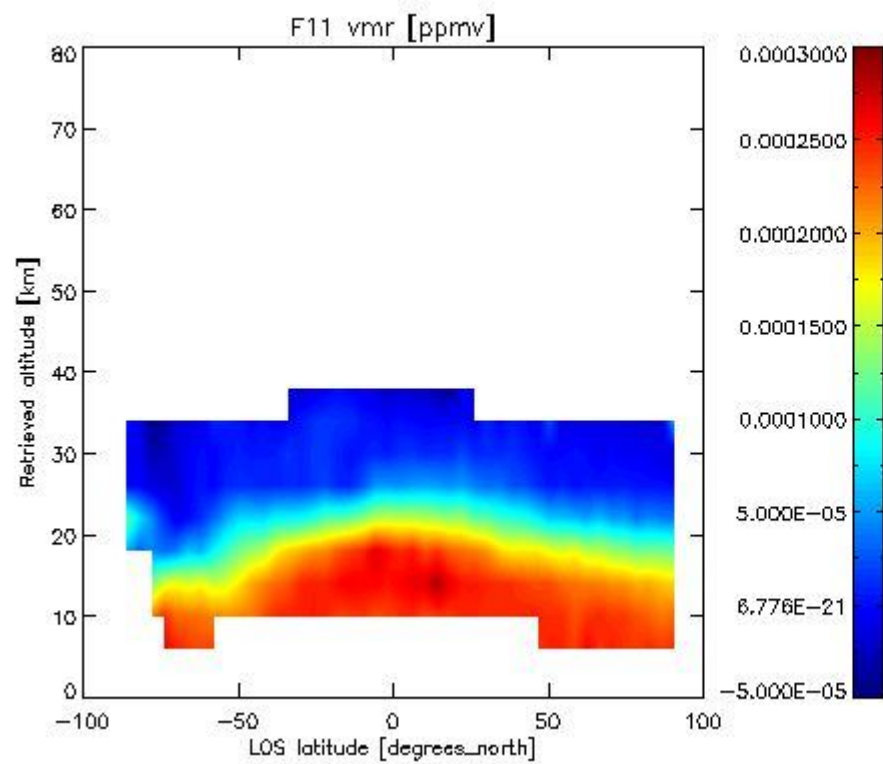
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



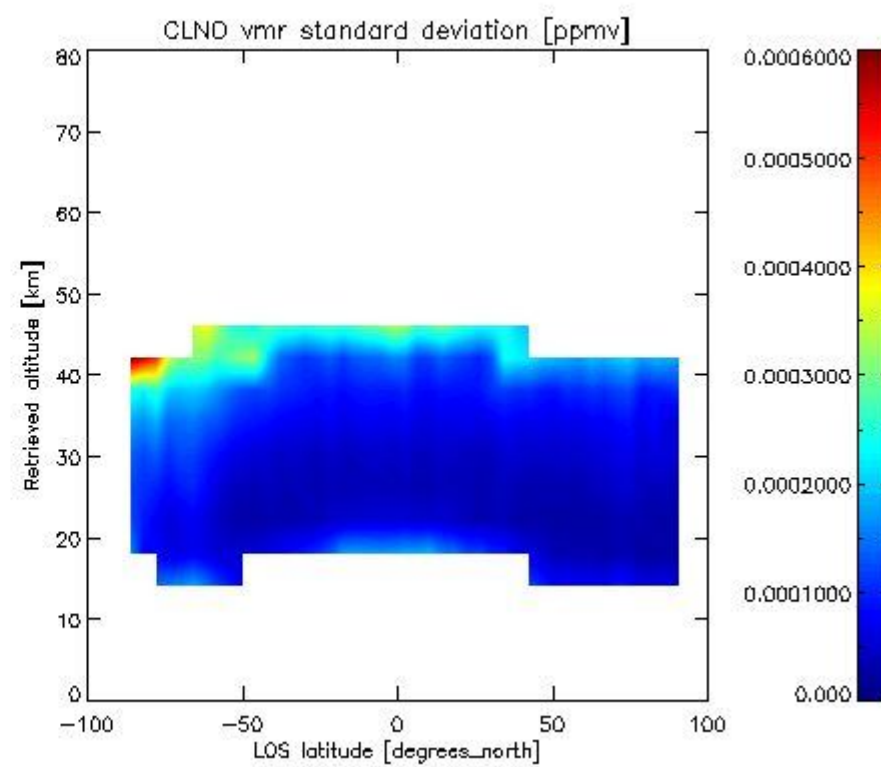
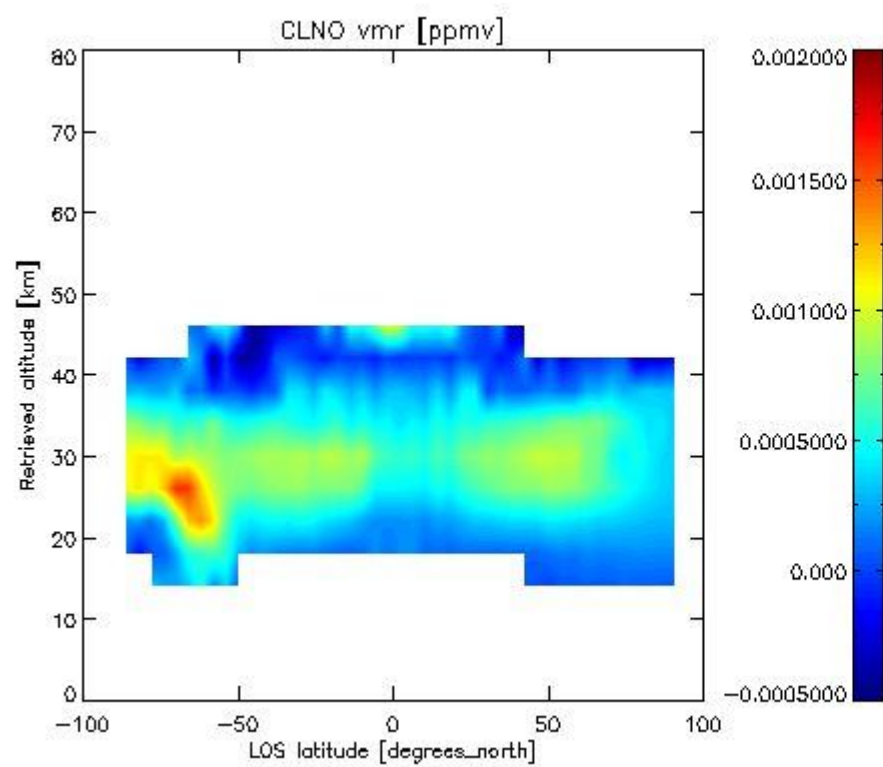
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 8 km.

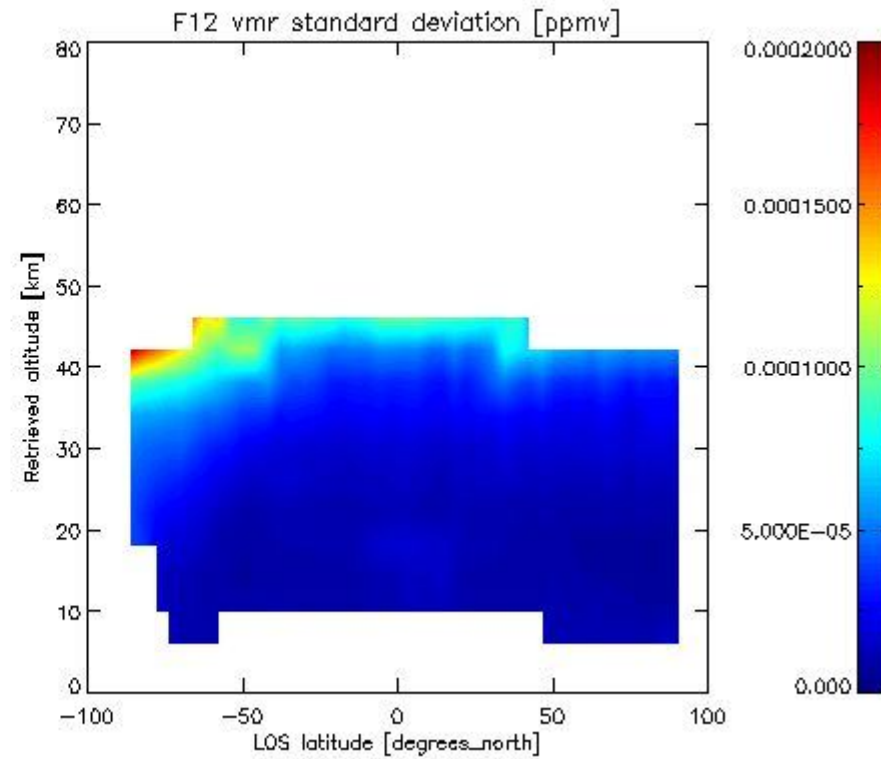
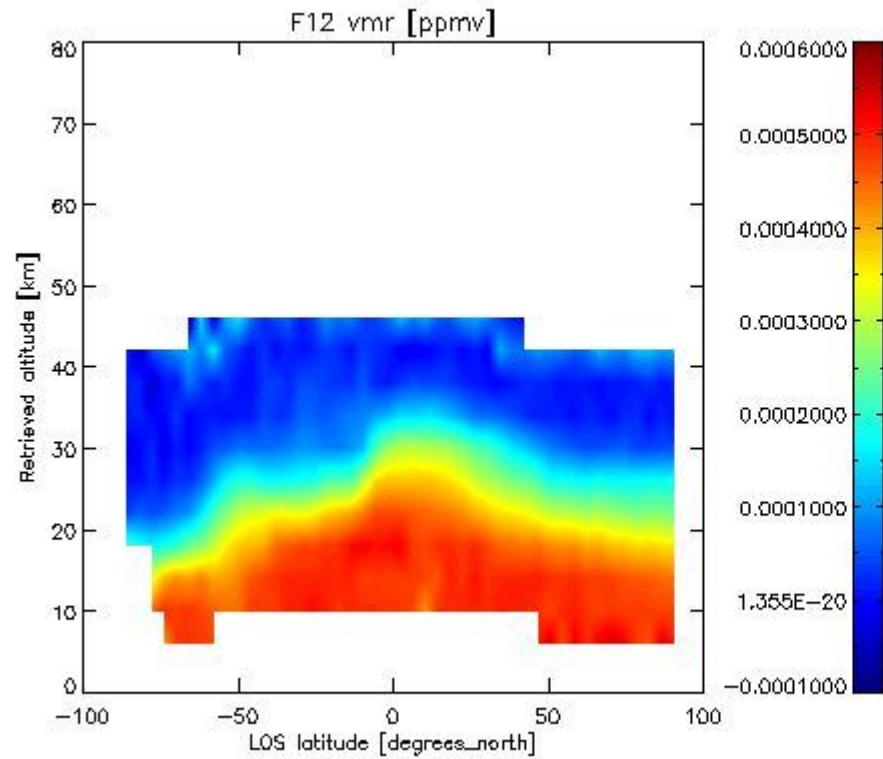
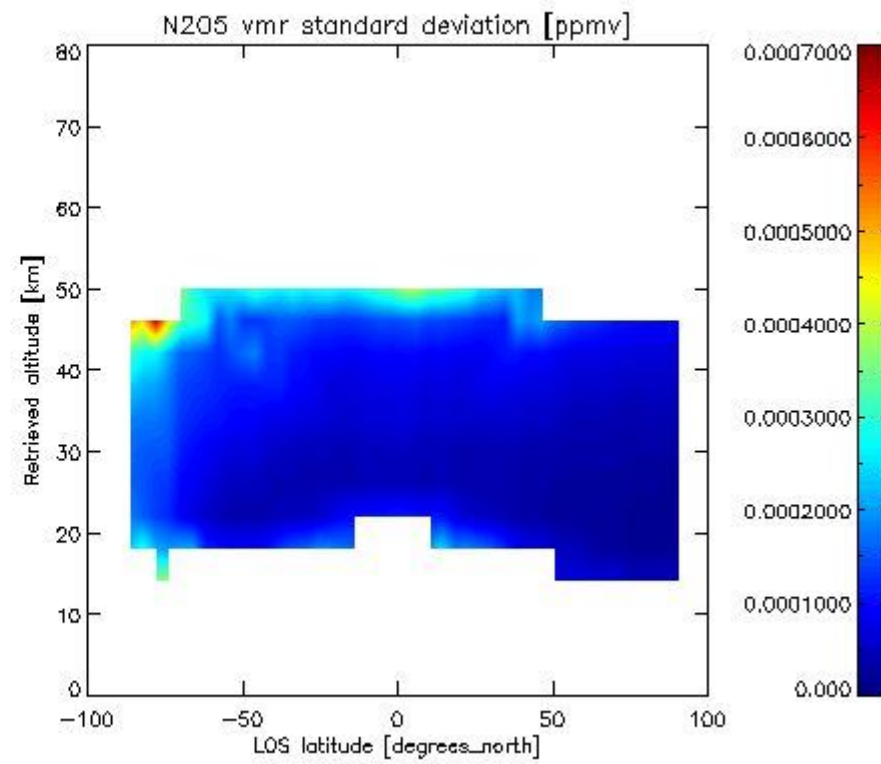
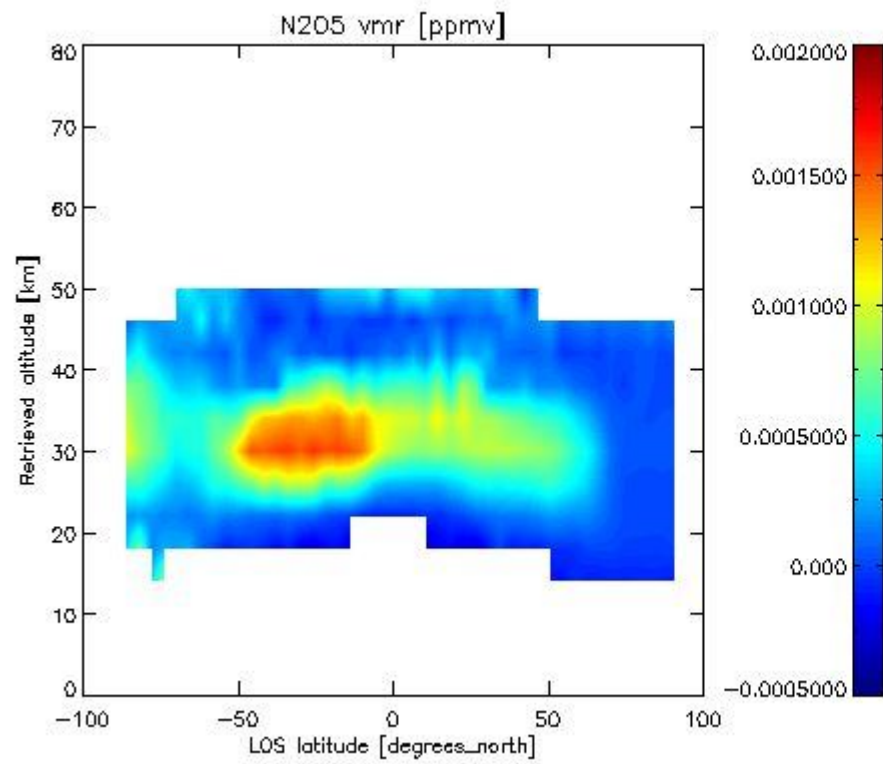


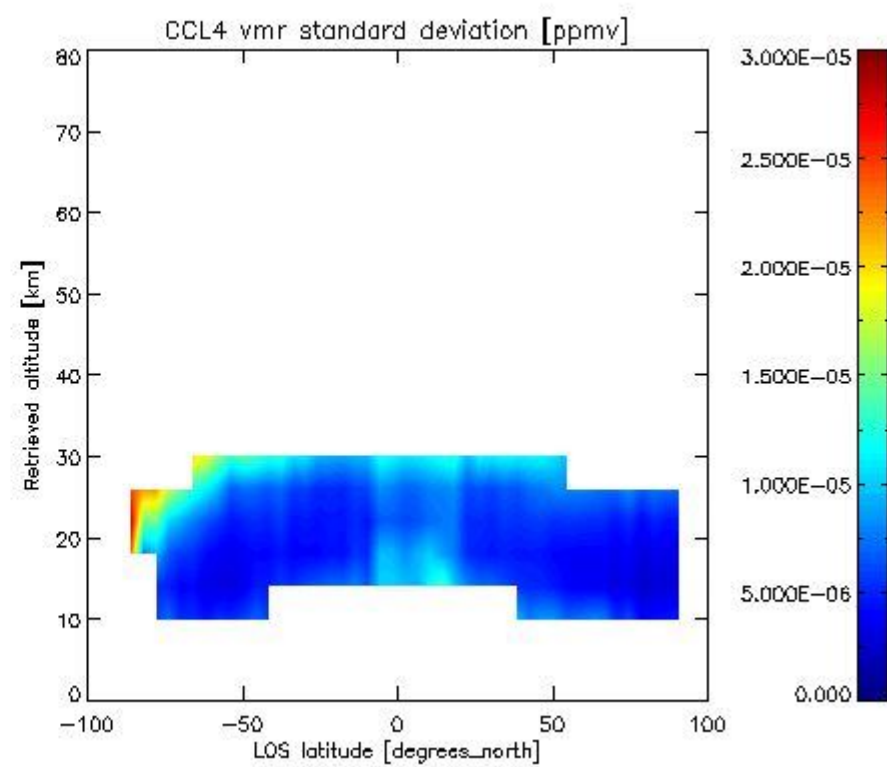
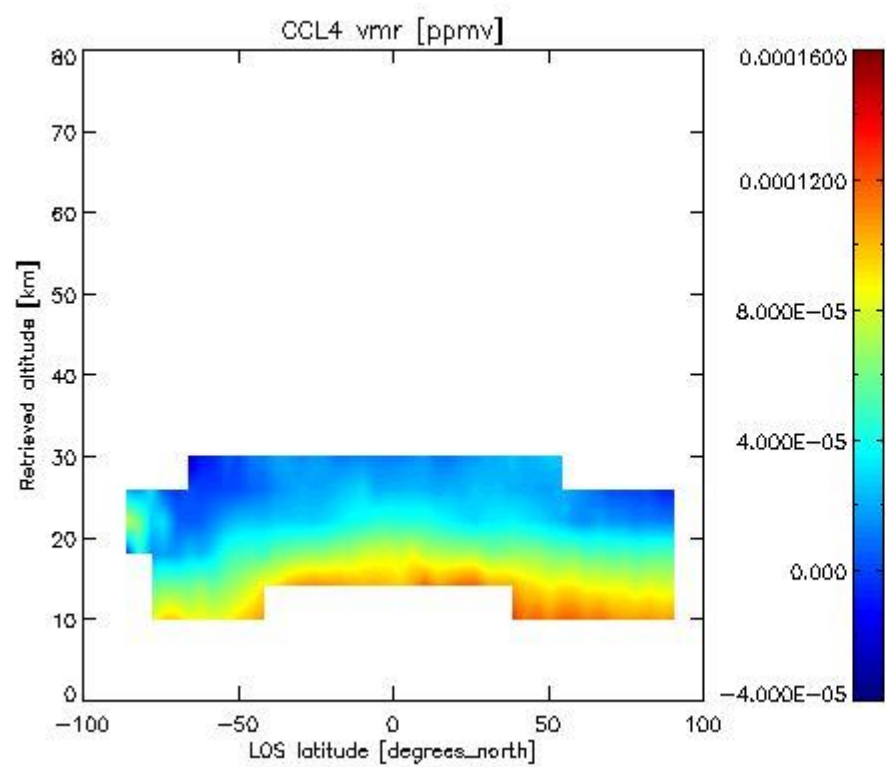
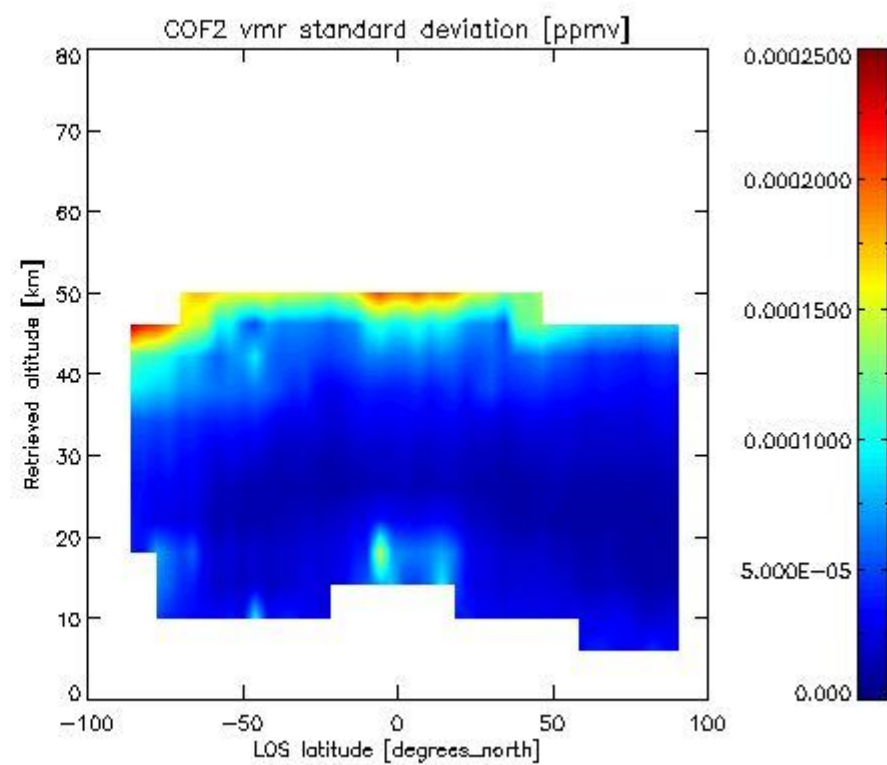
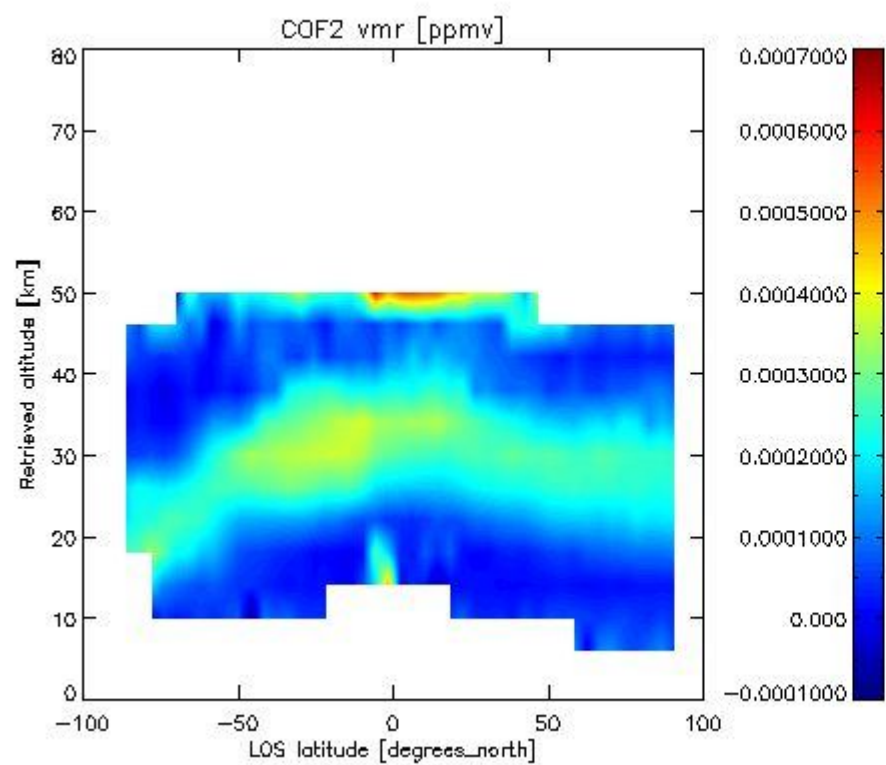
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

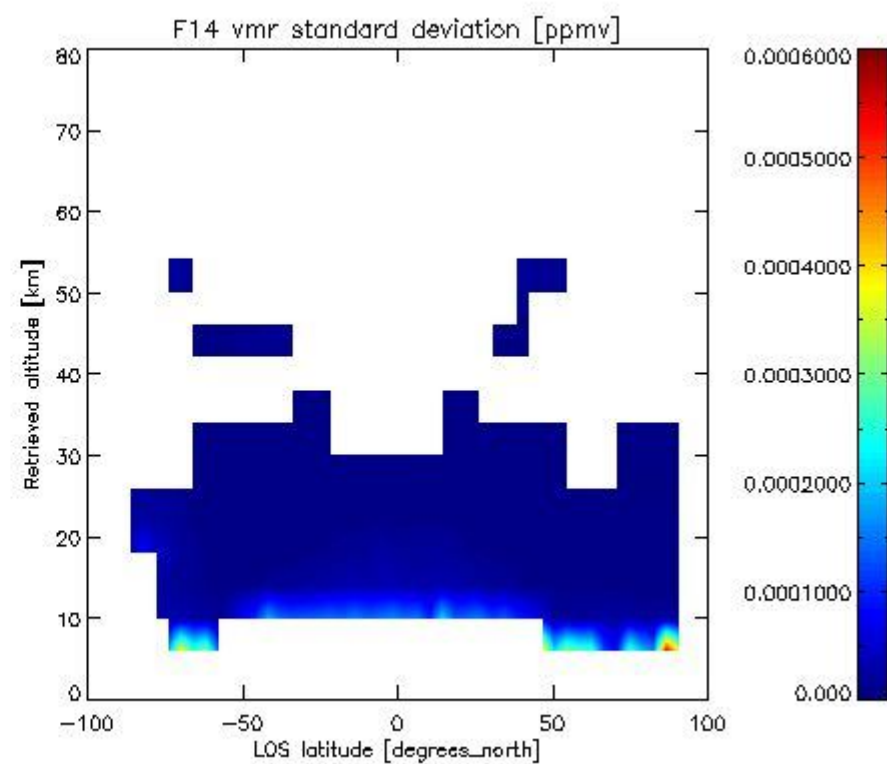
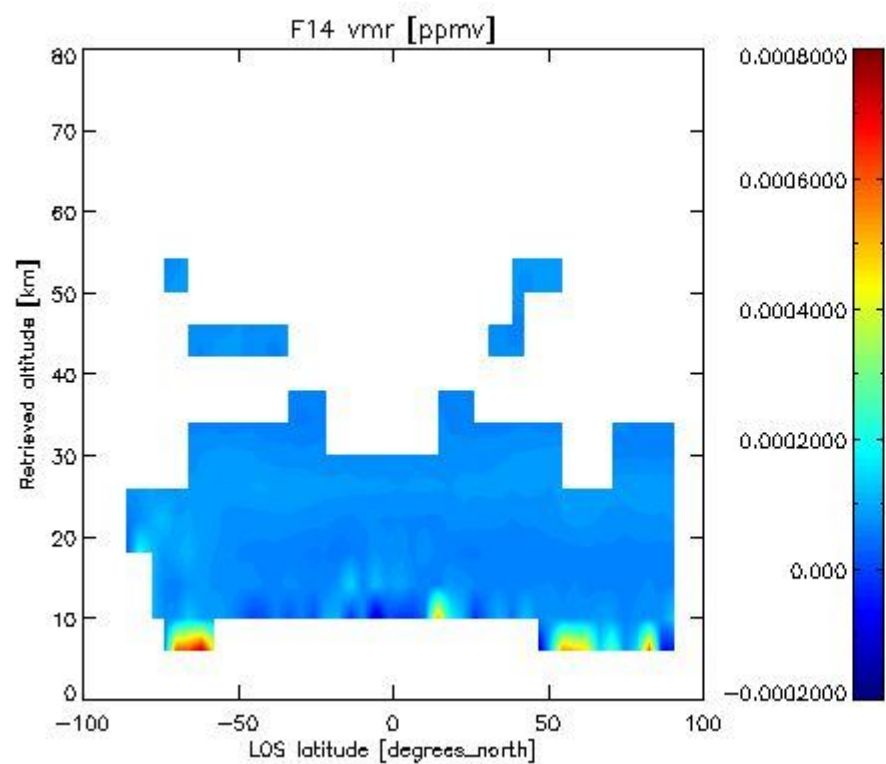
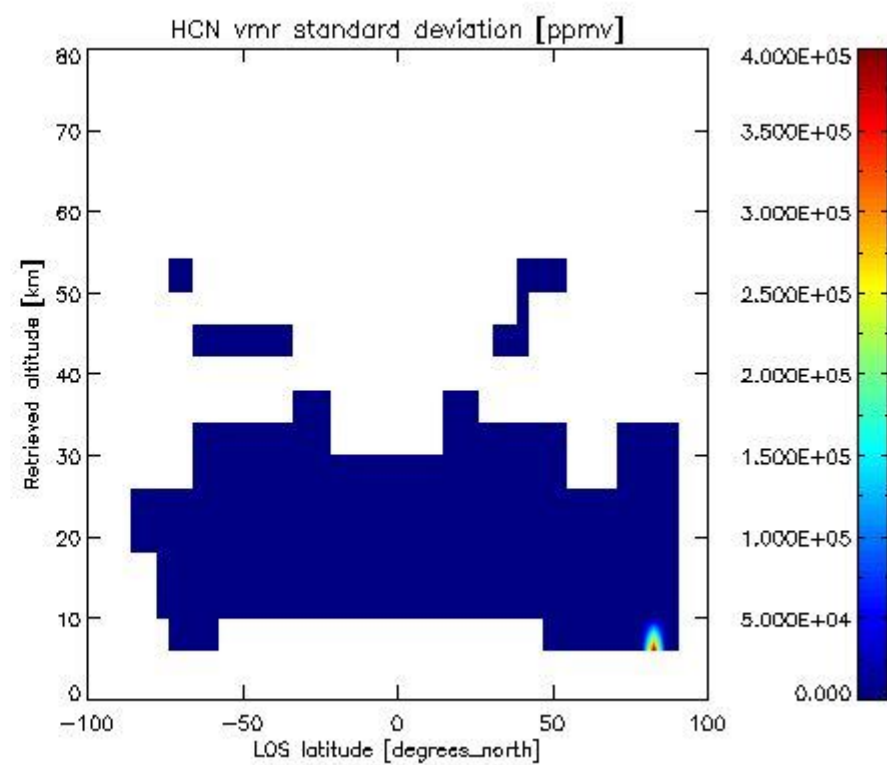
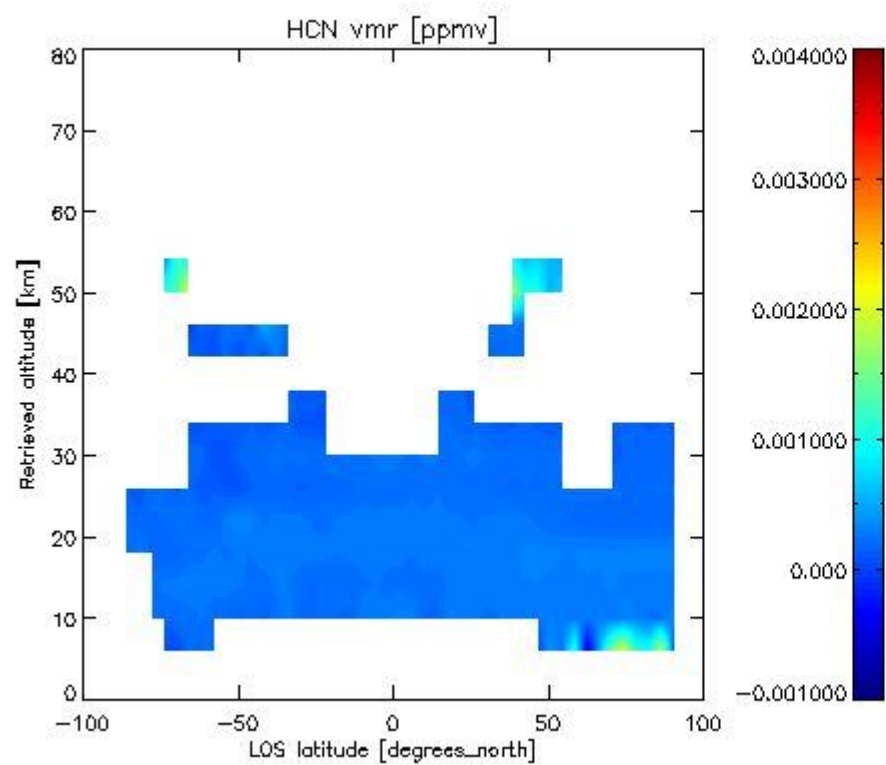


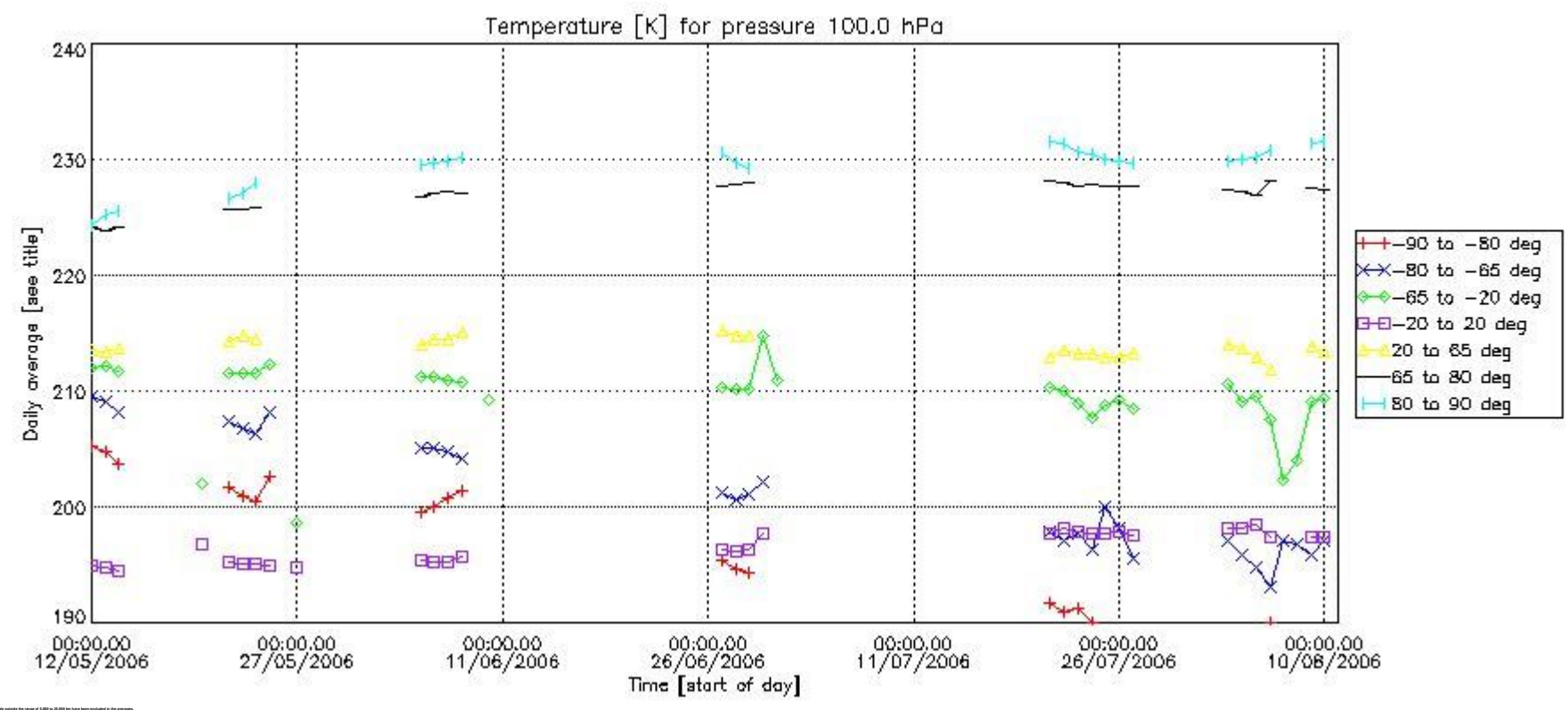
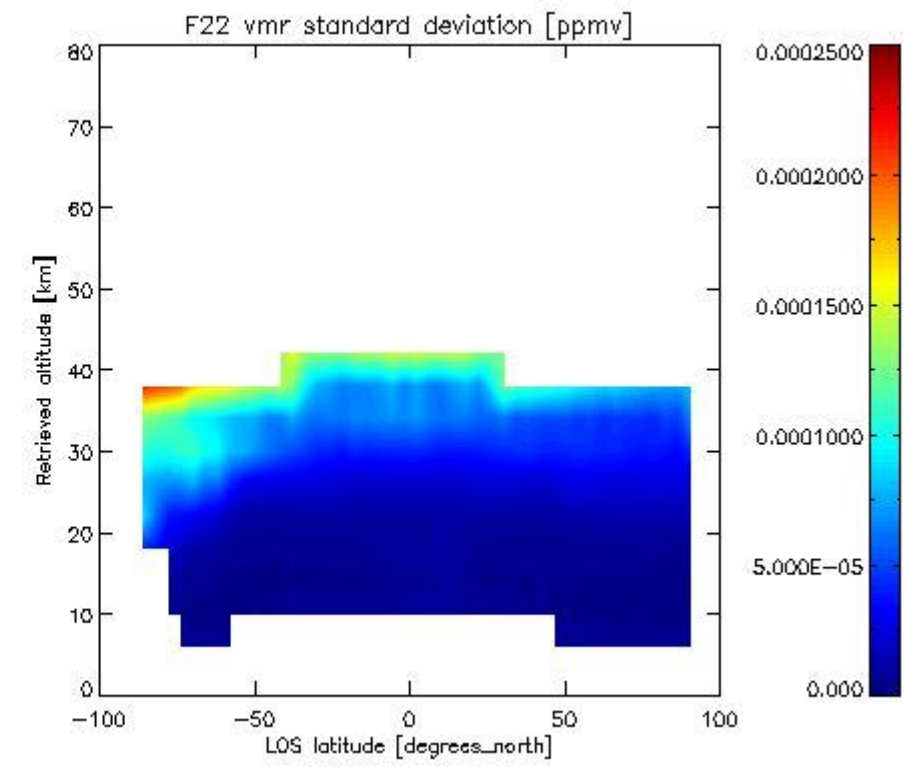
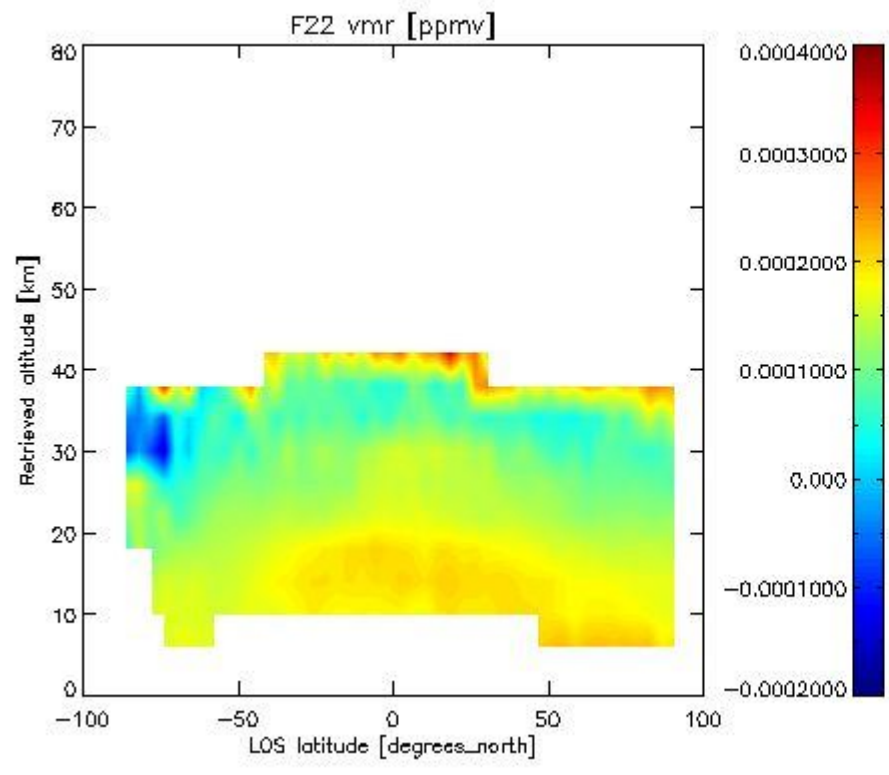
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

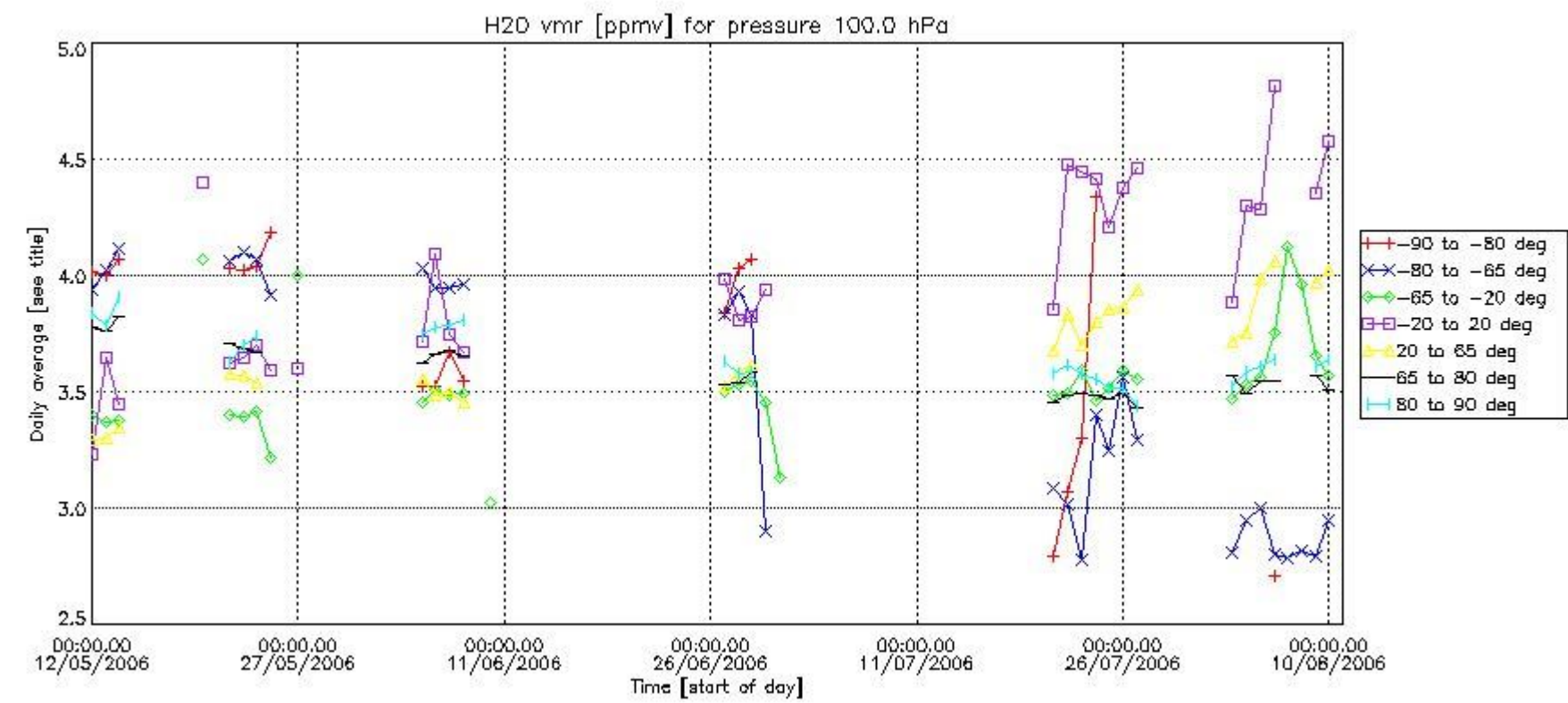
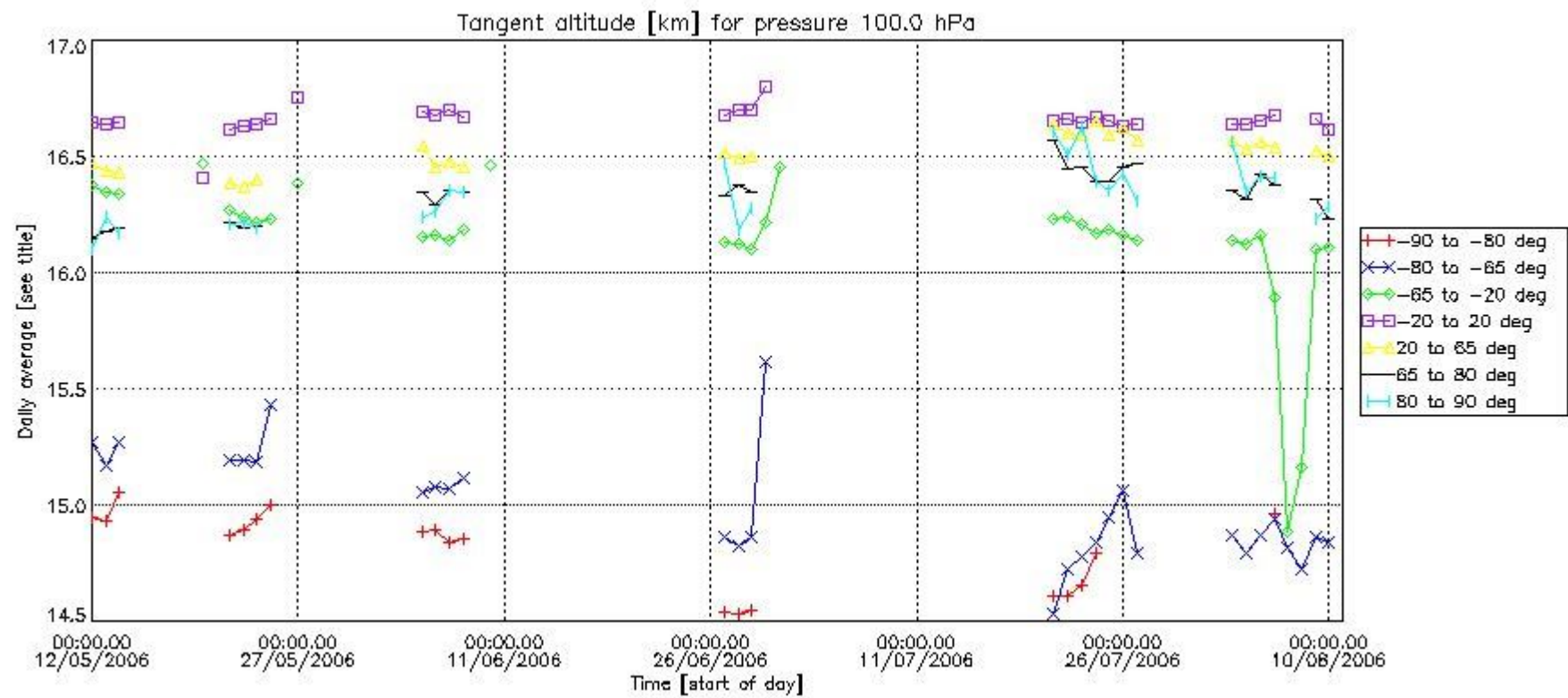


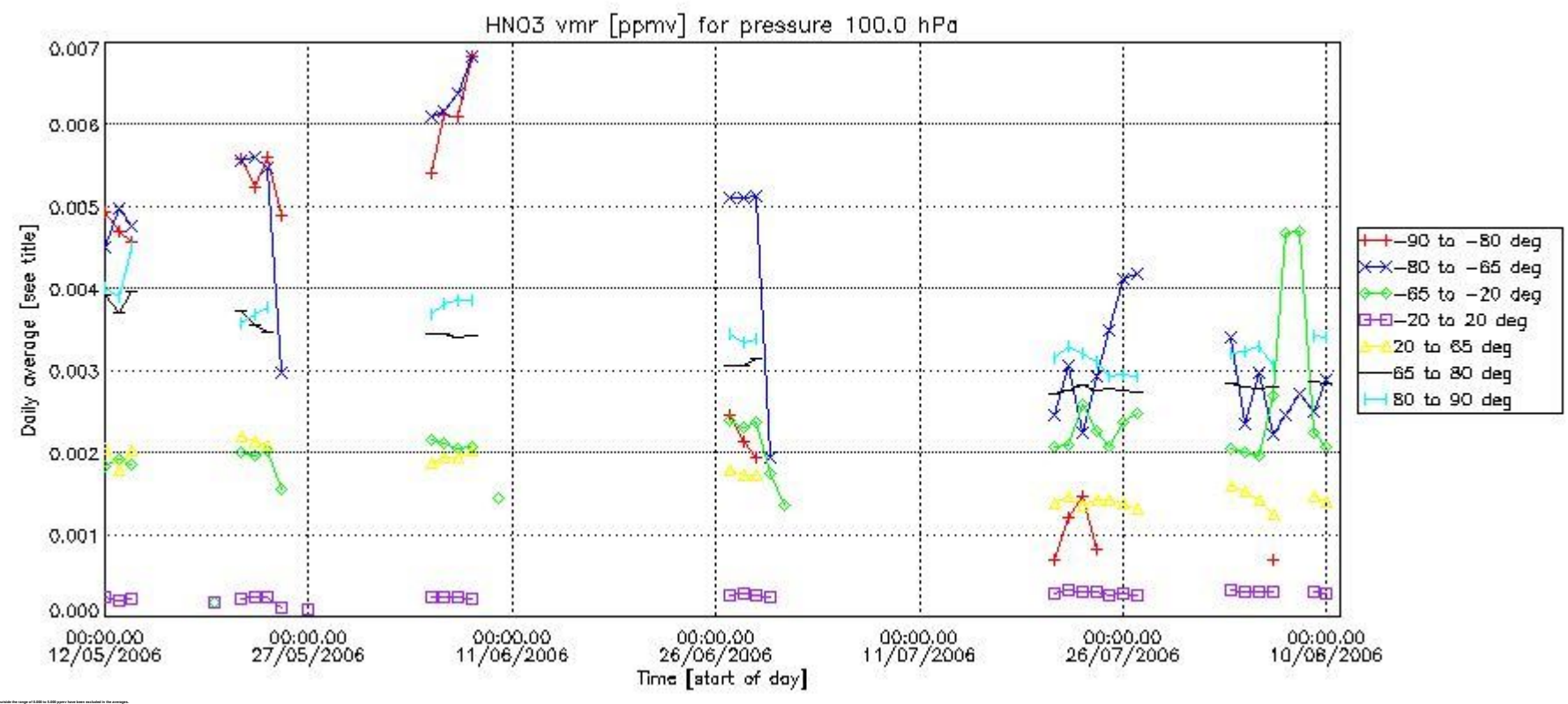
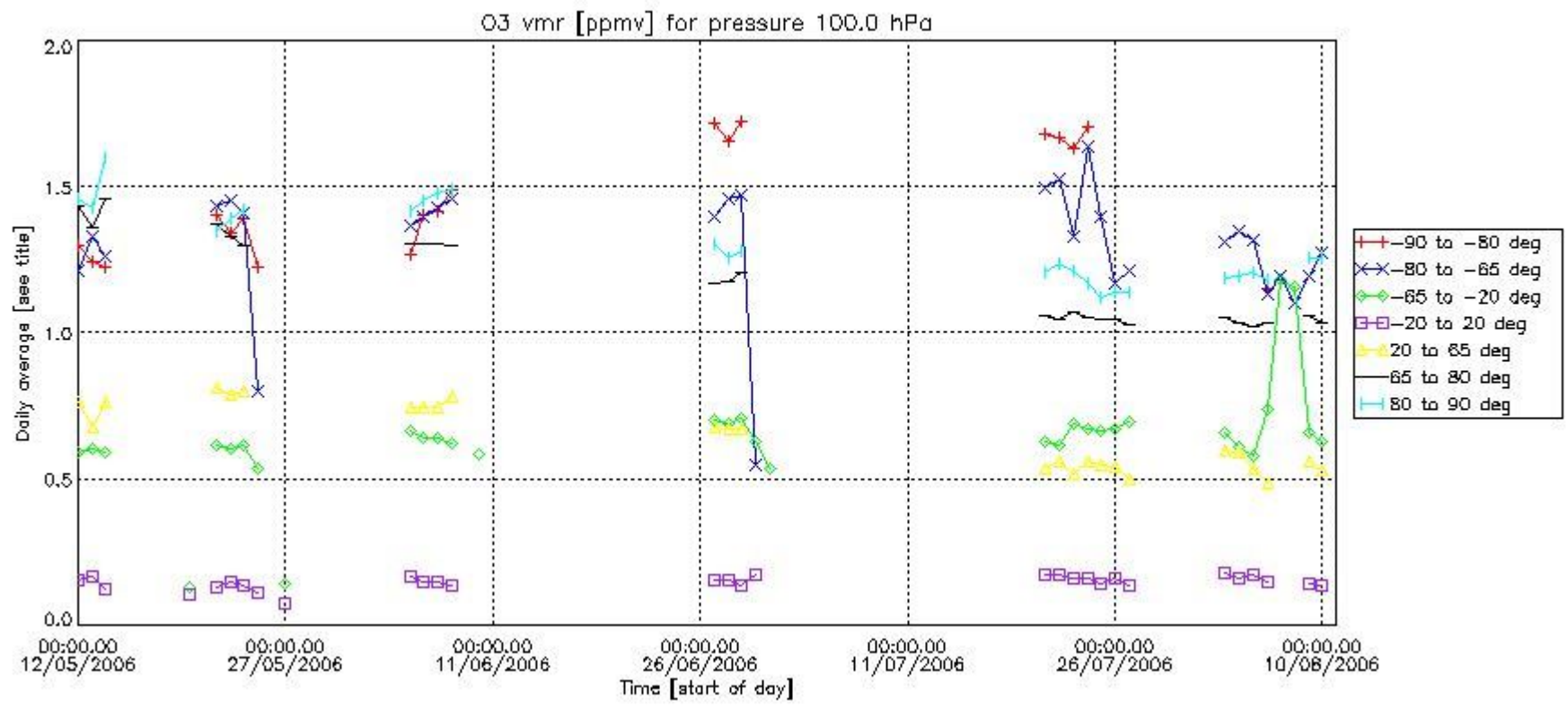


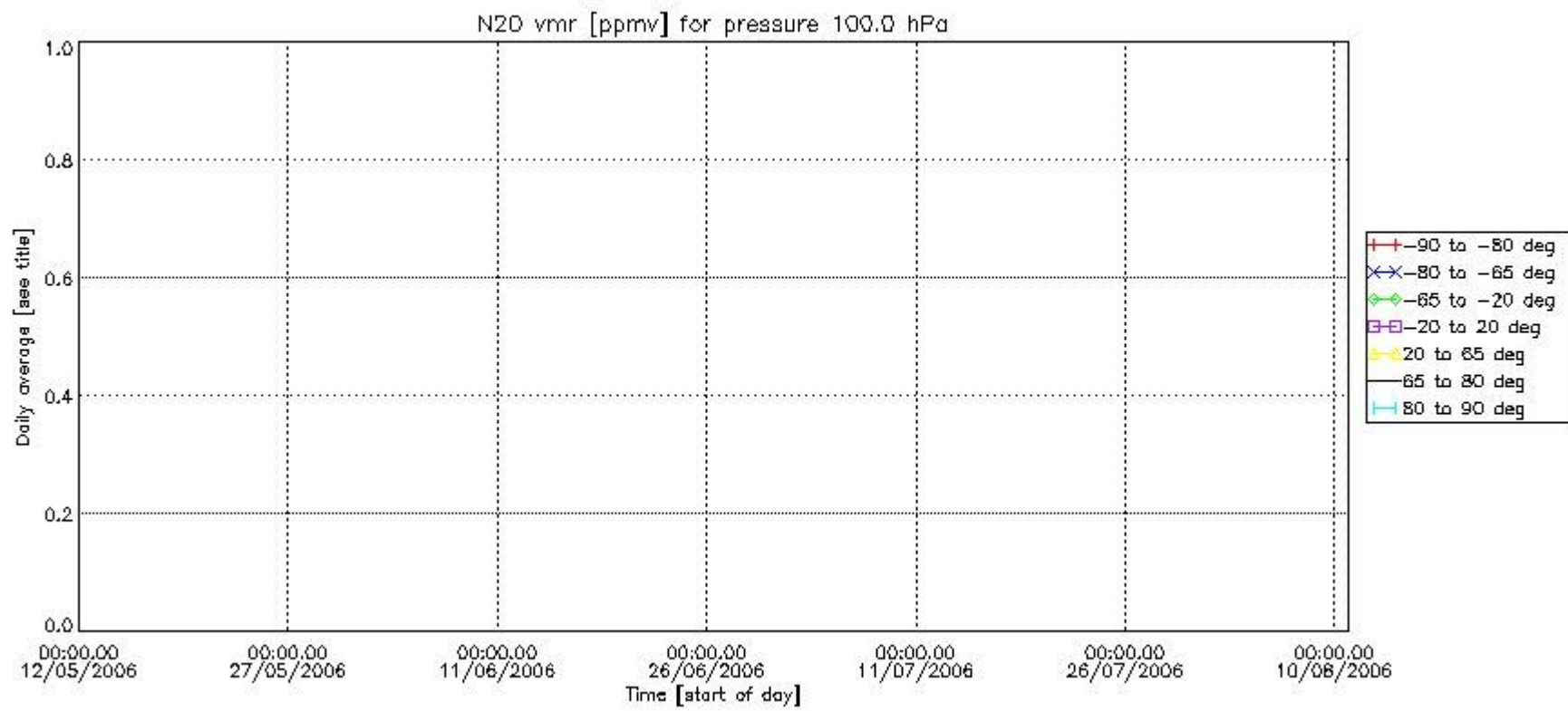
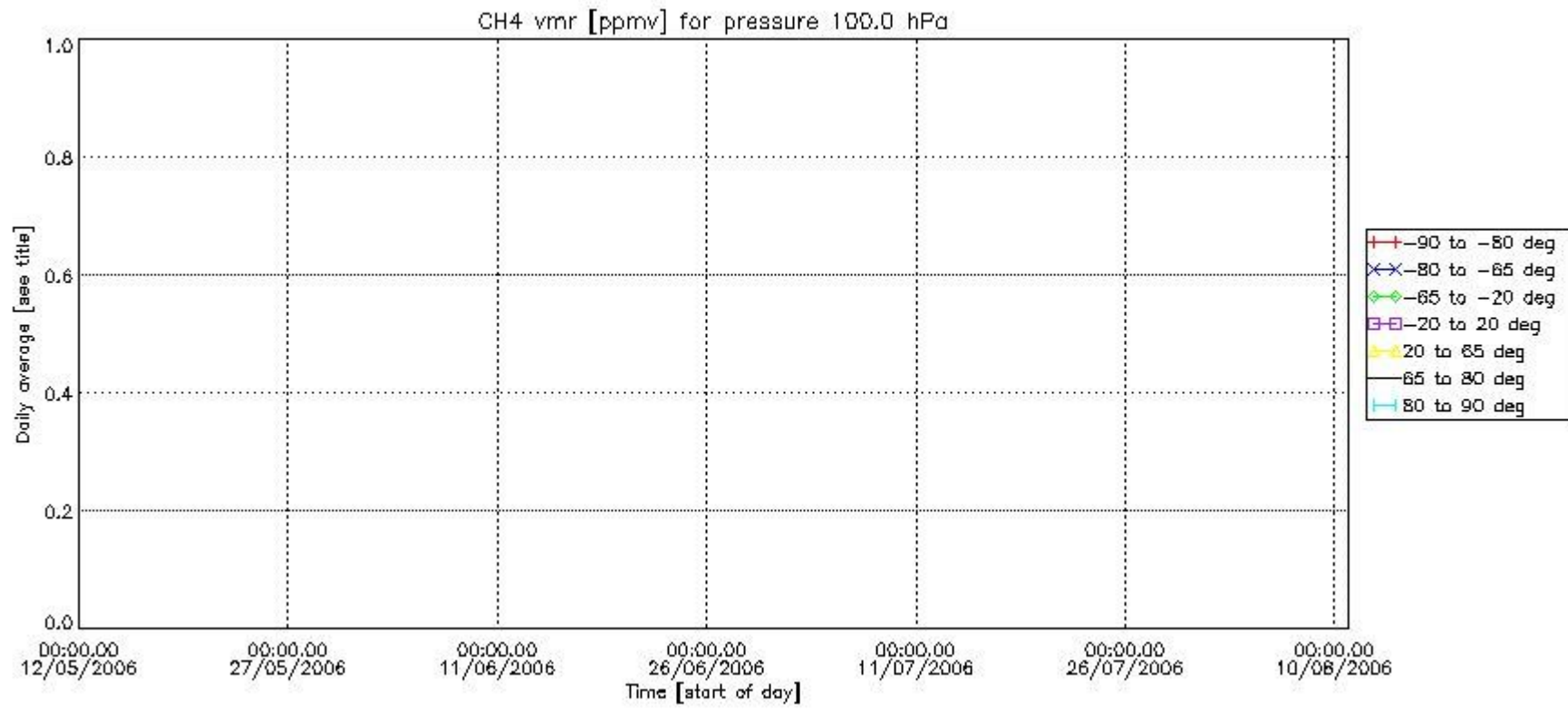


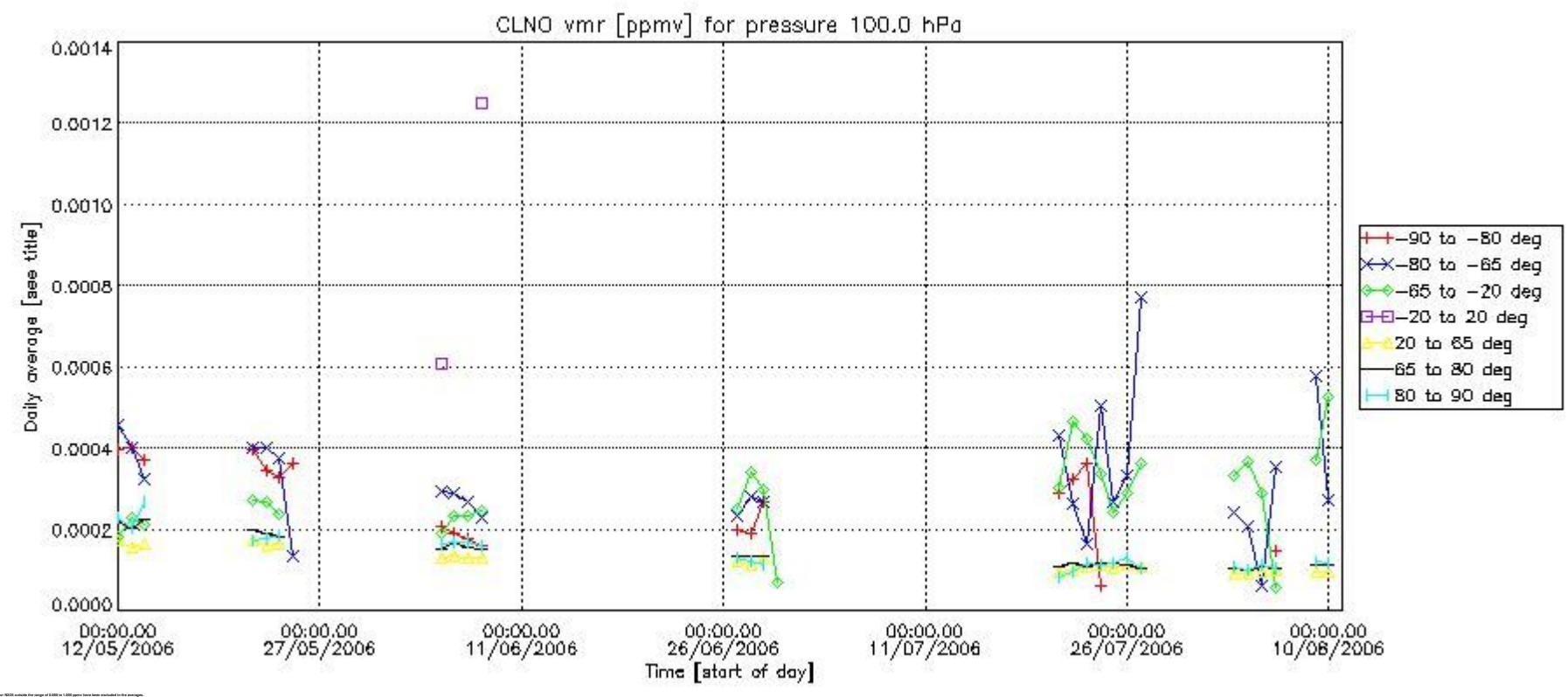
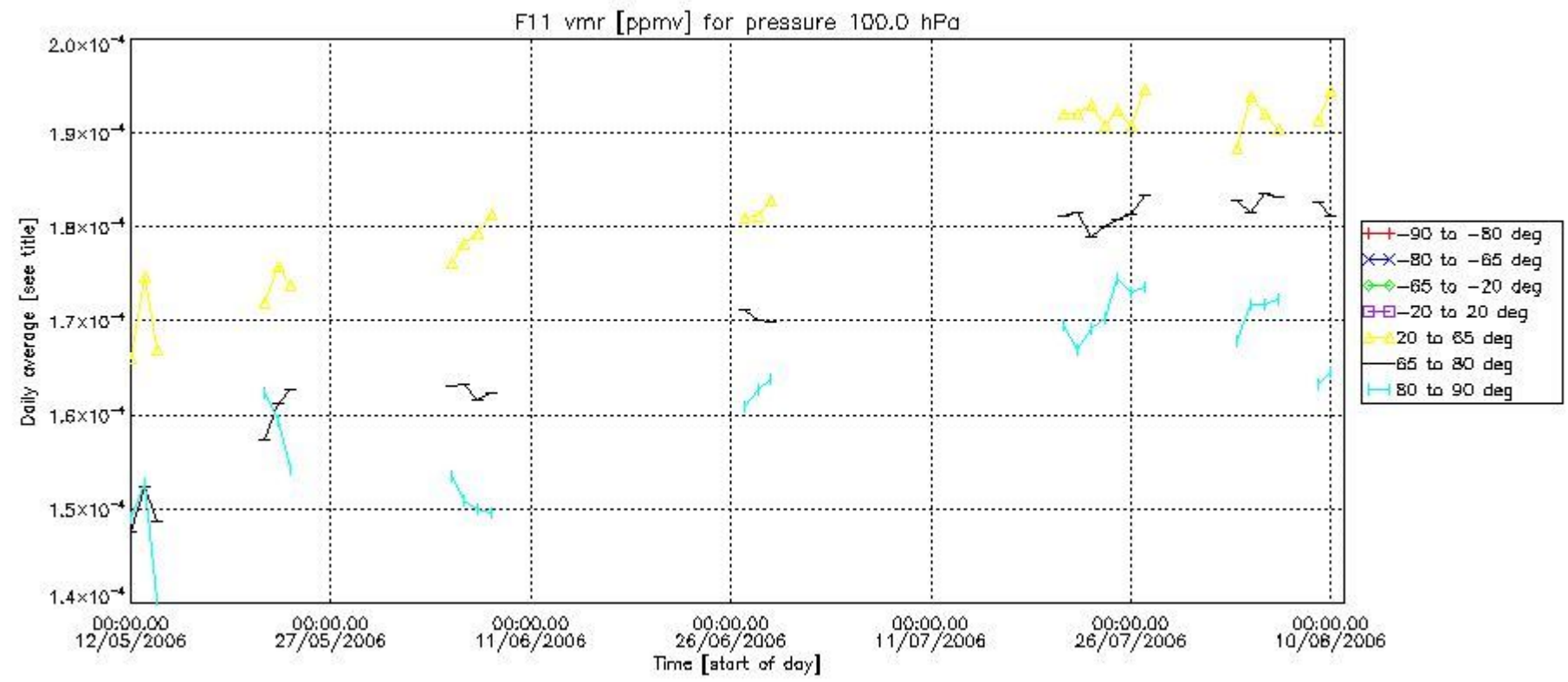


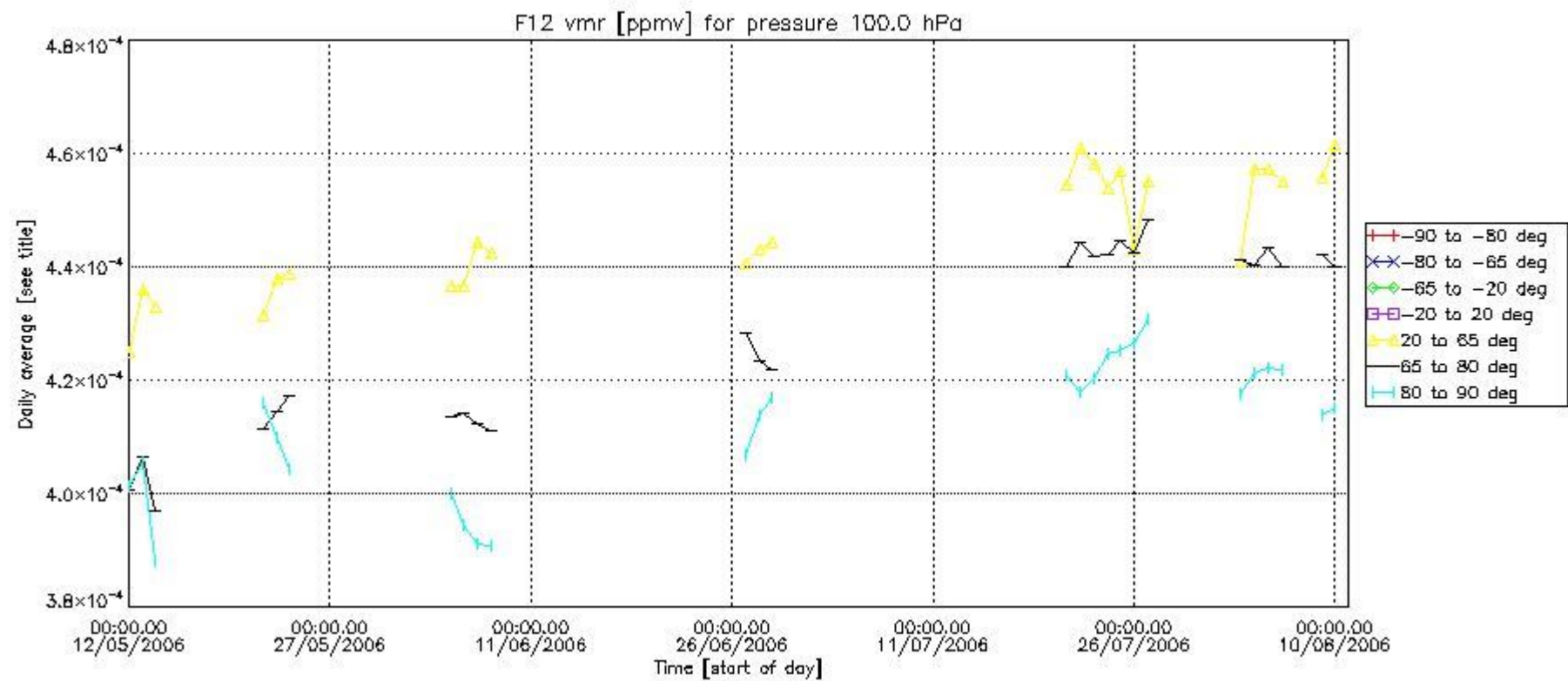
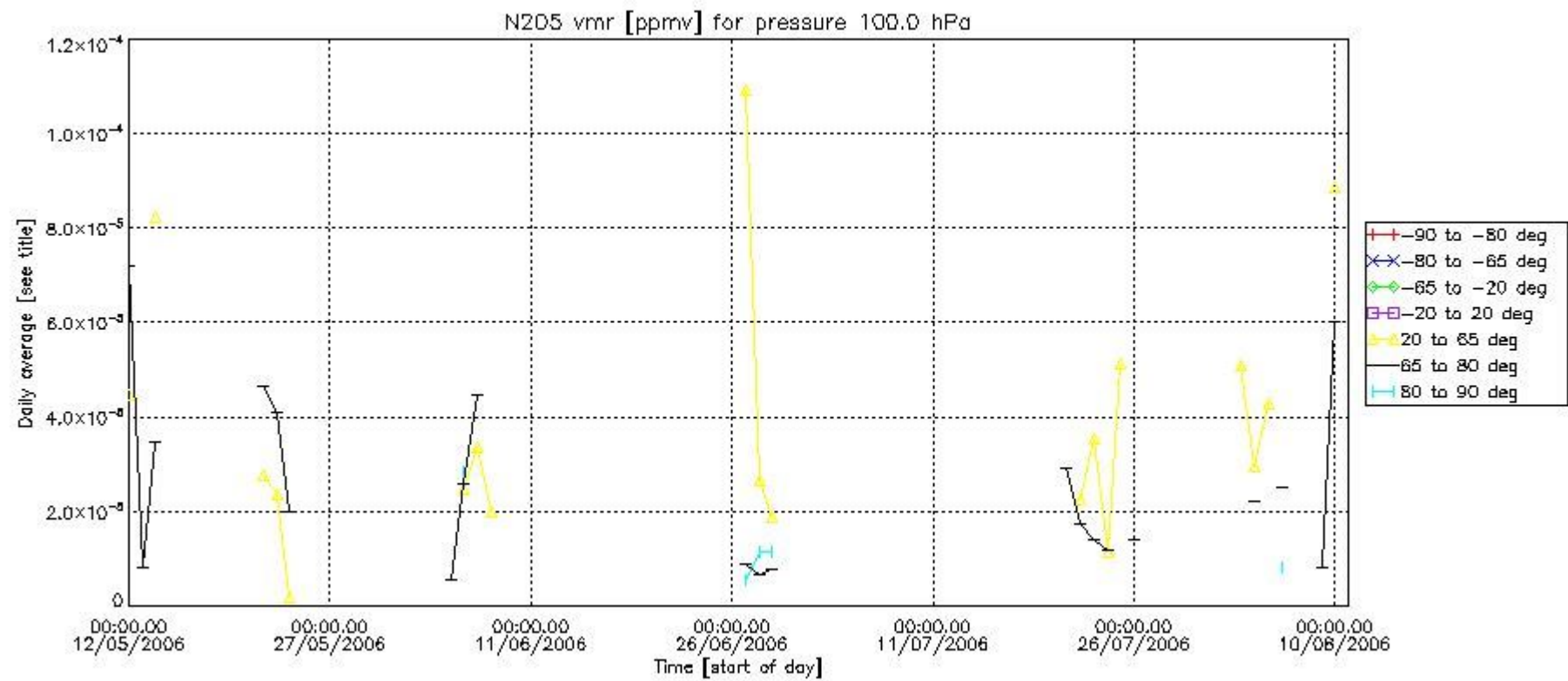


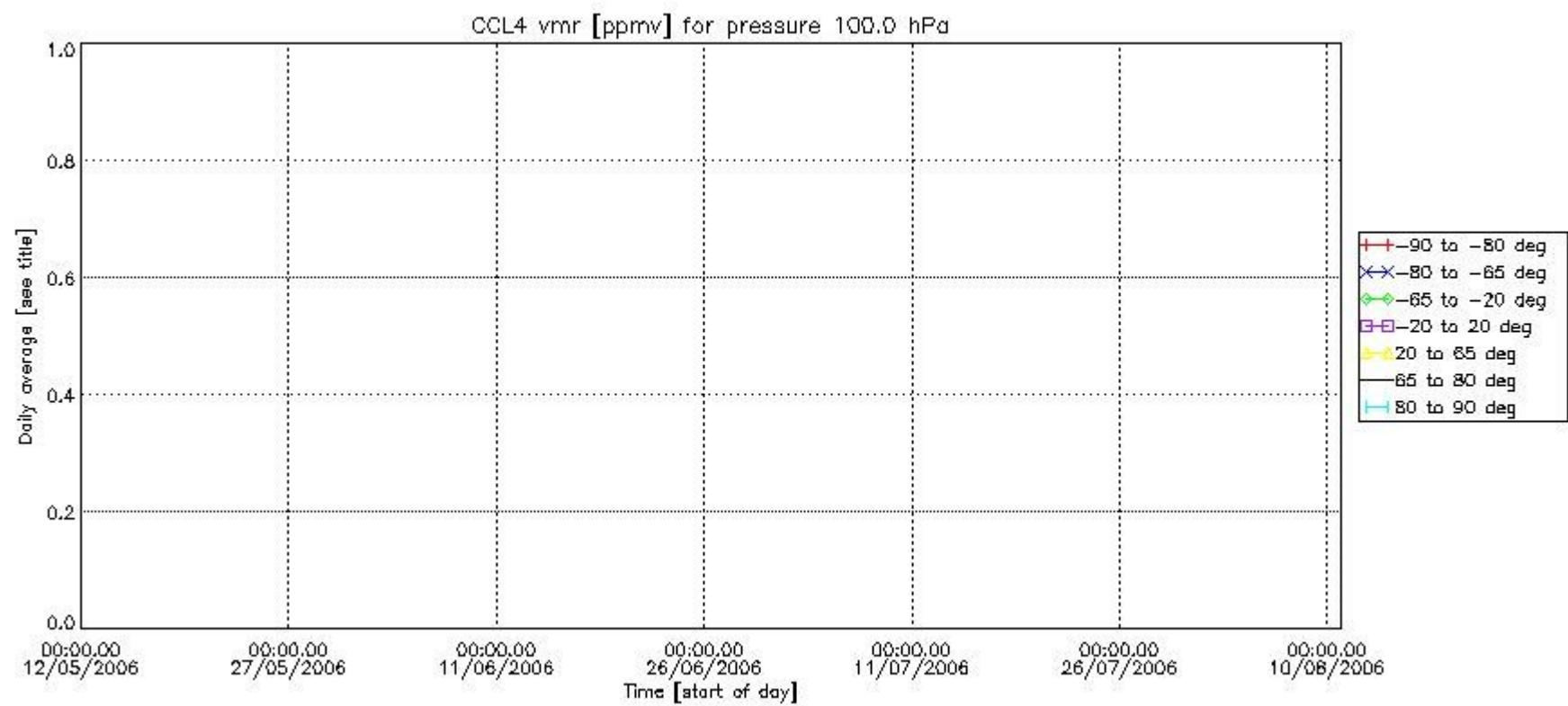
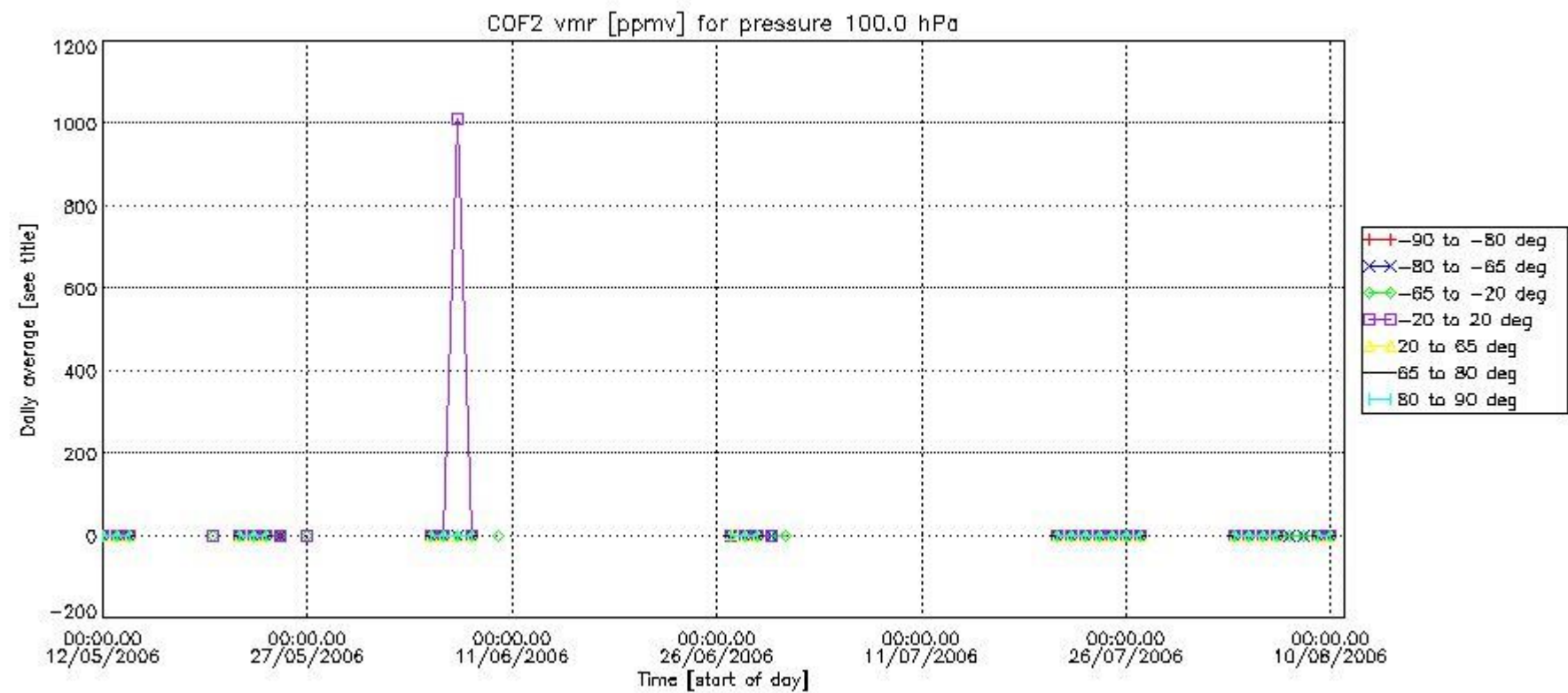


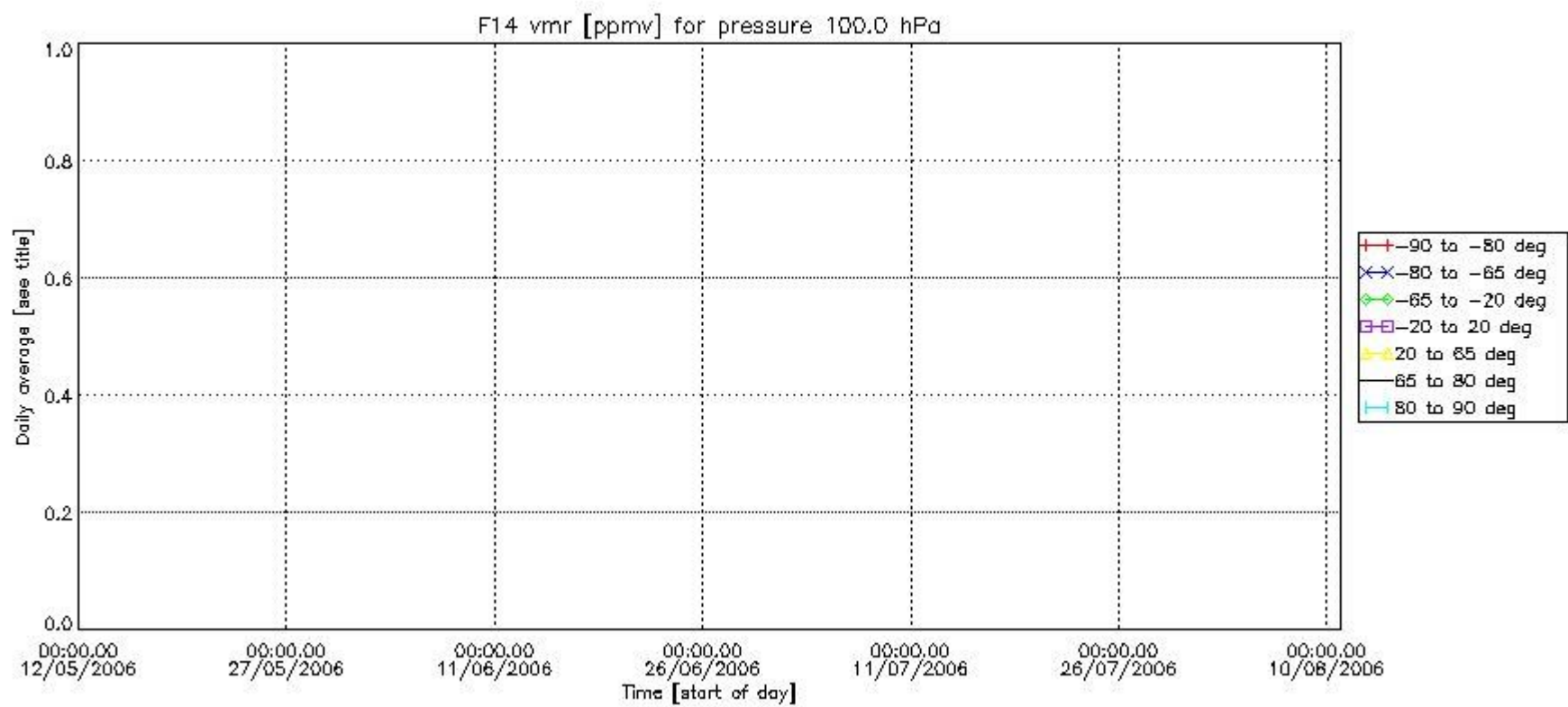
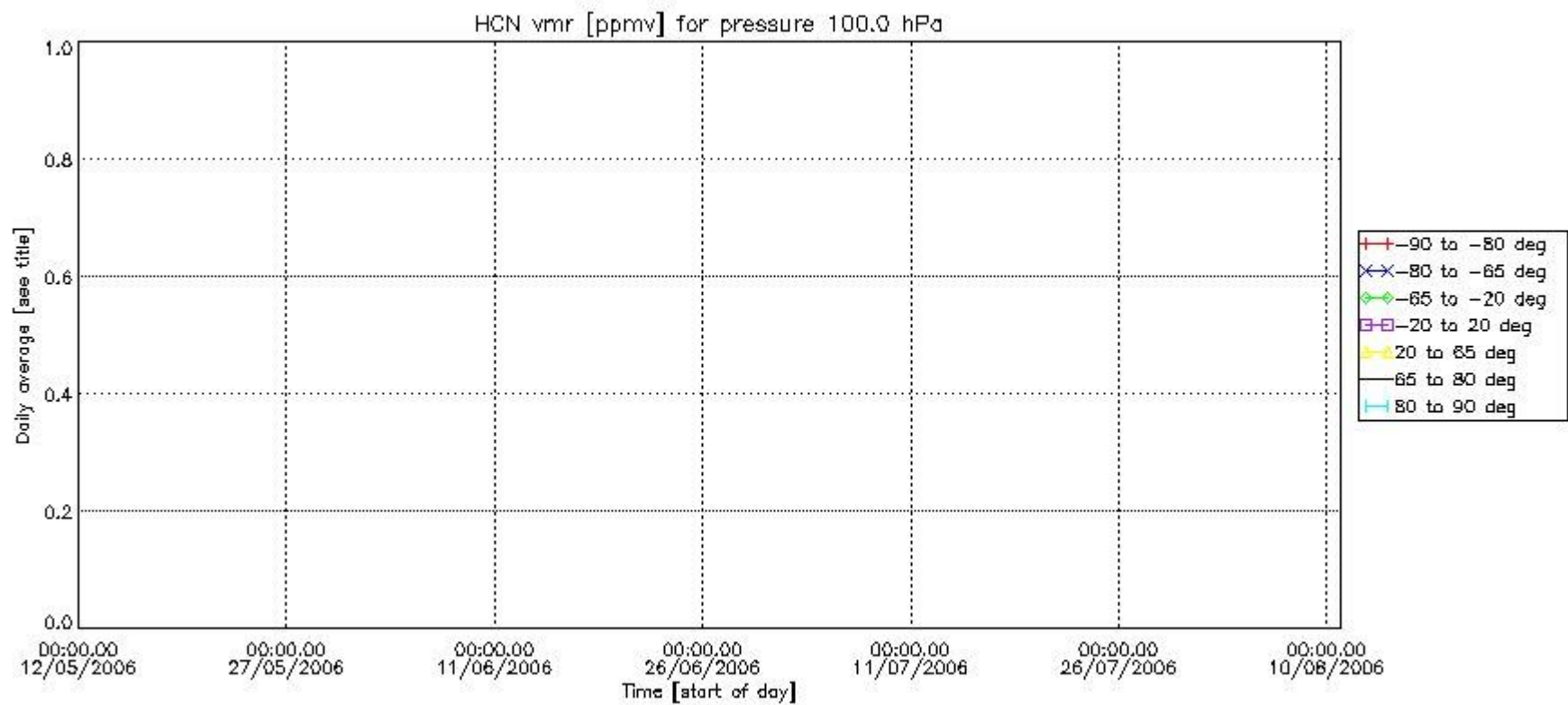


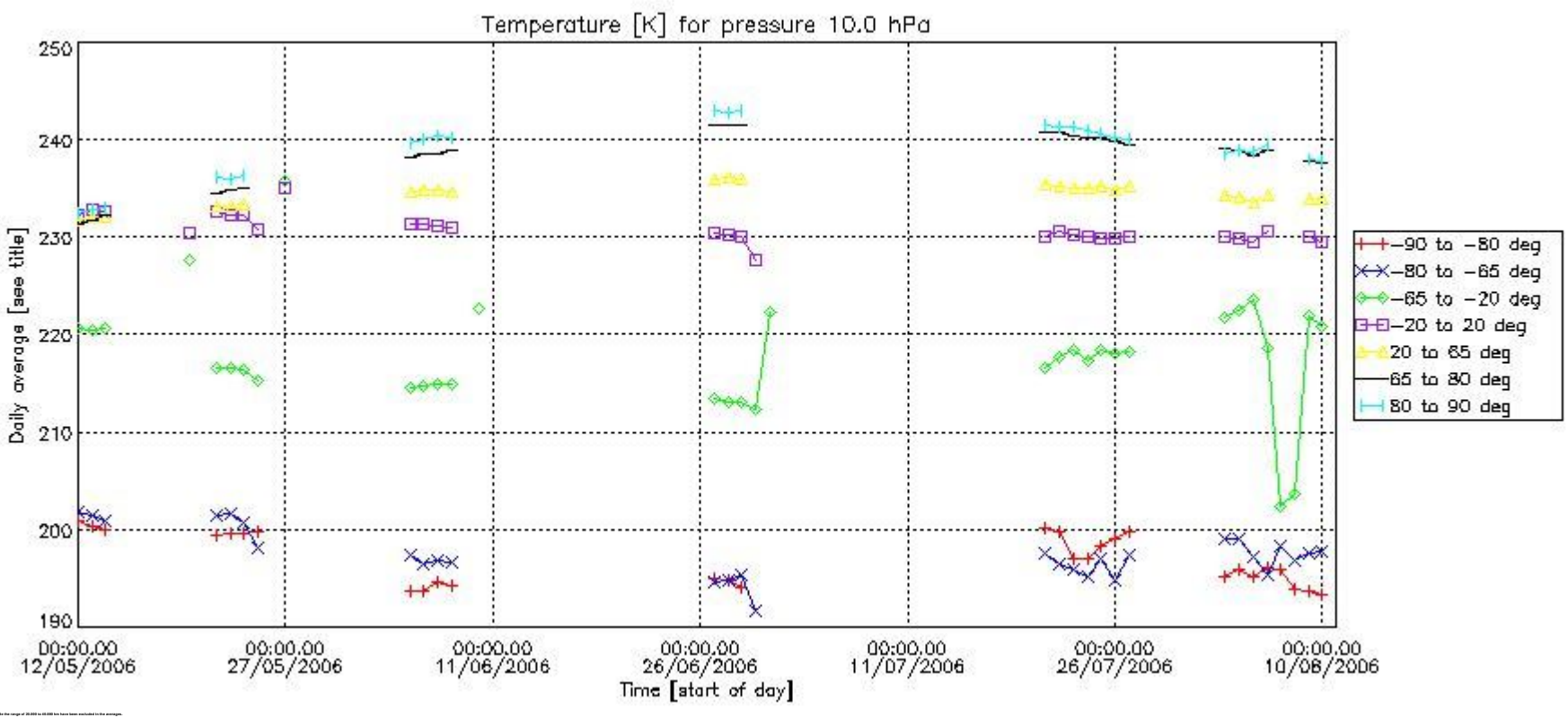
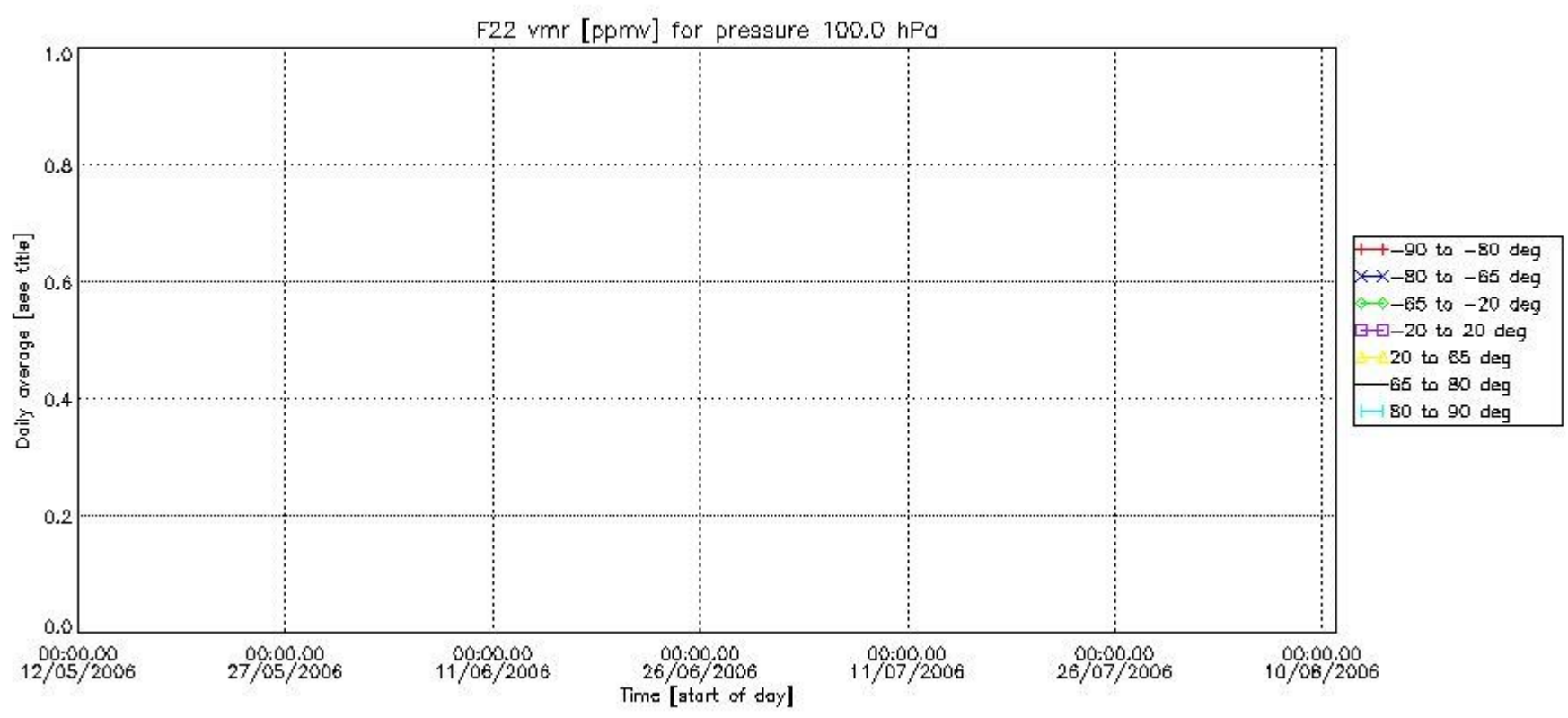


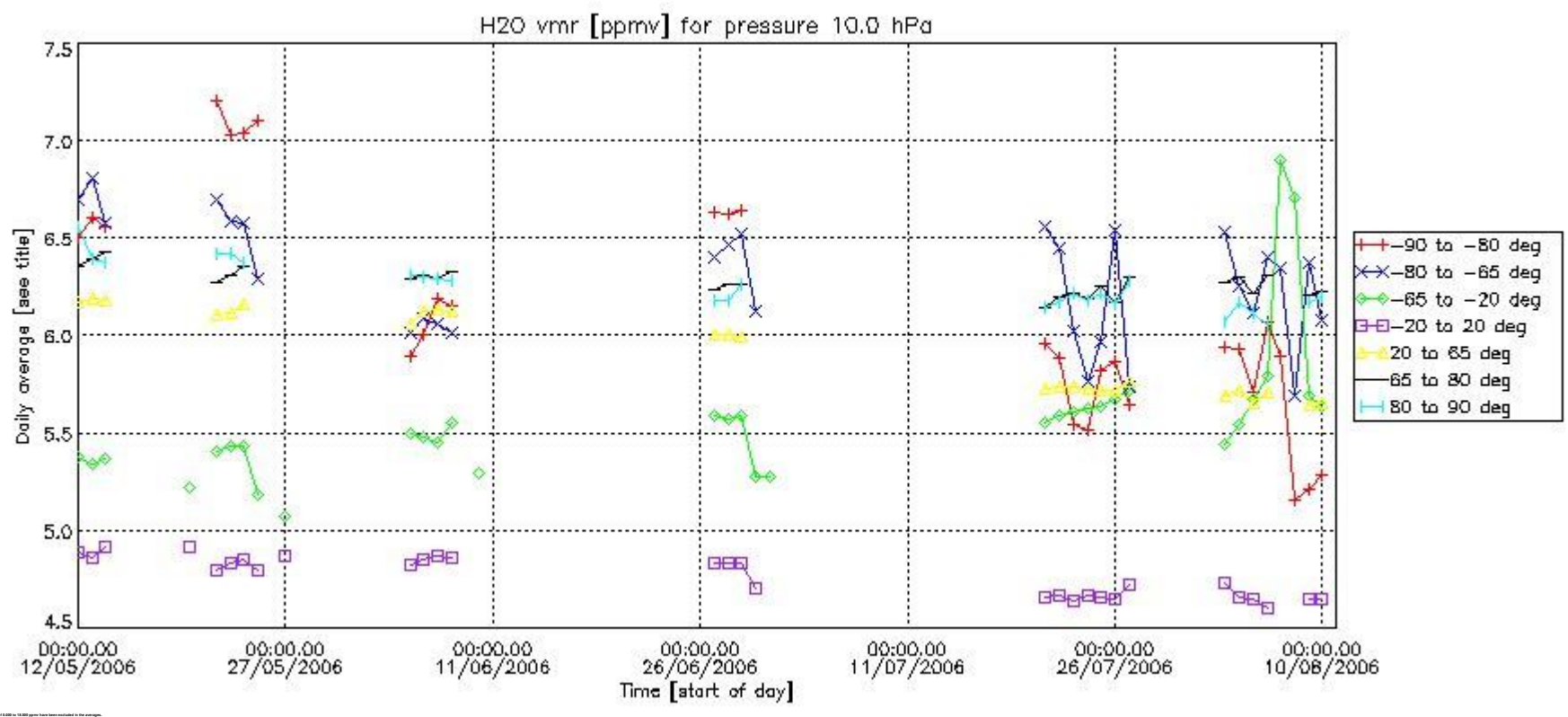
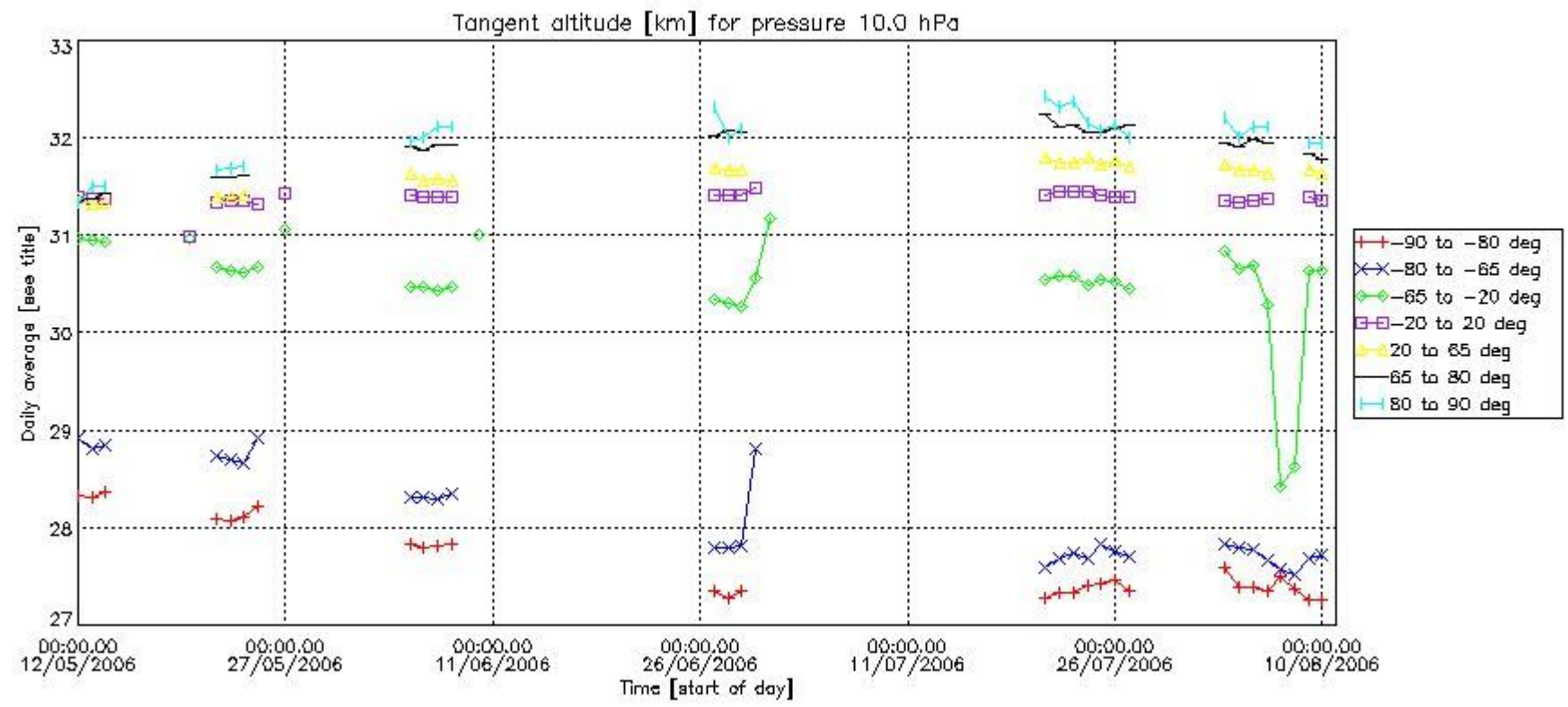


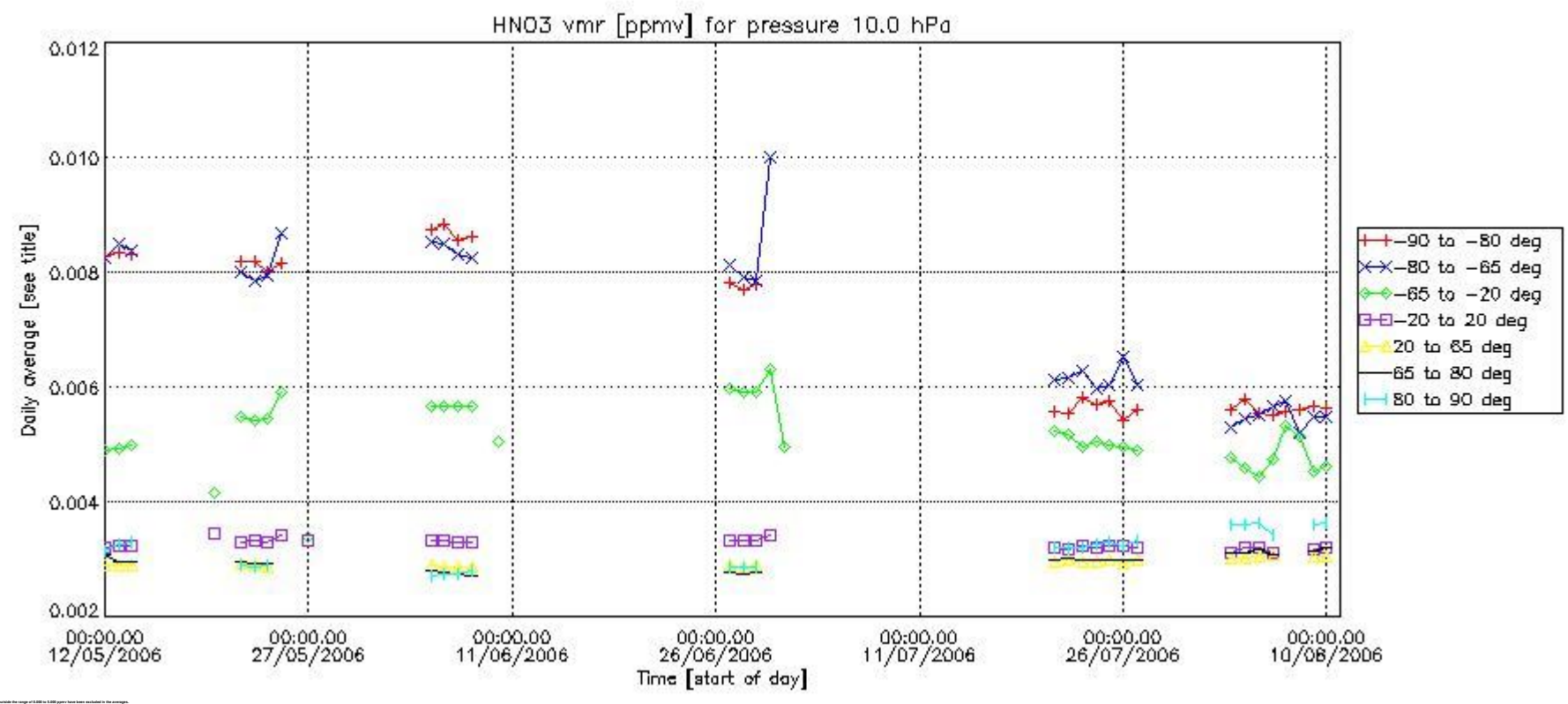
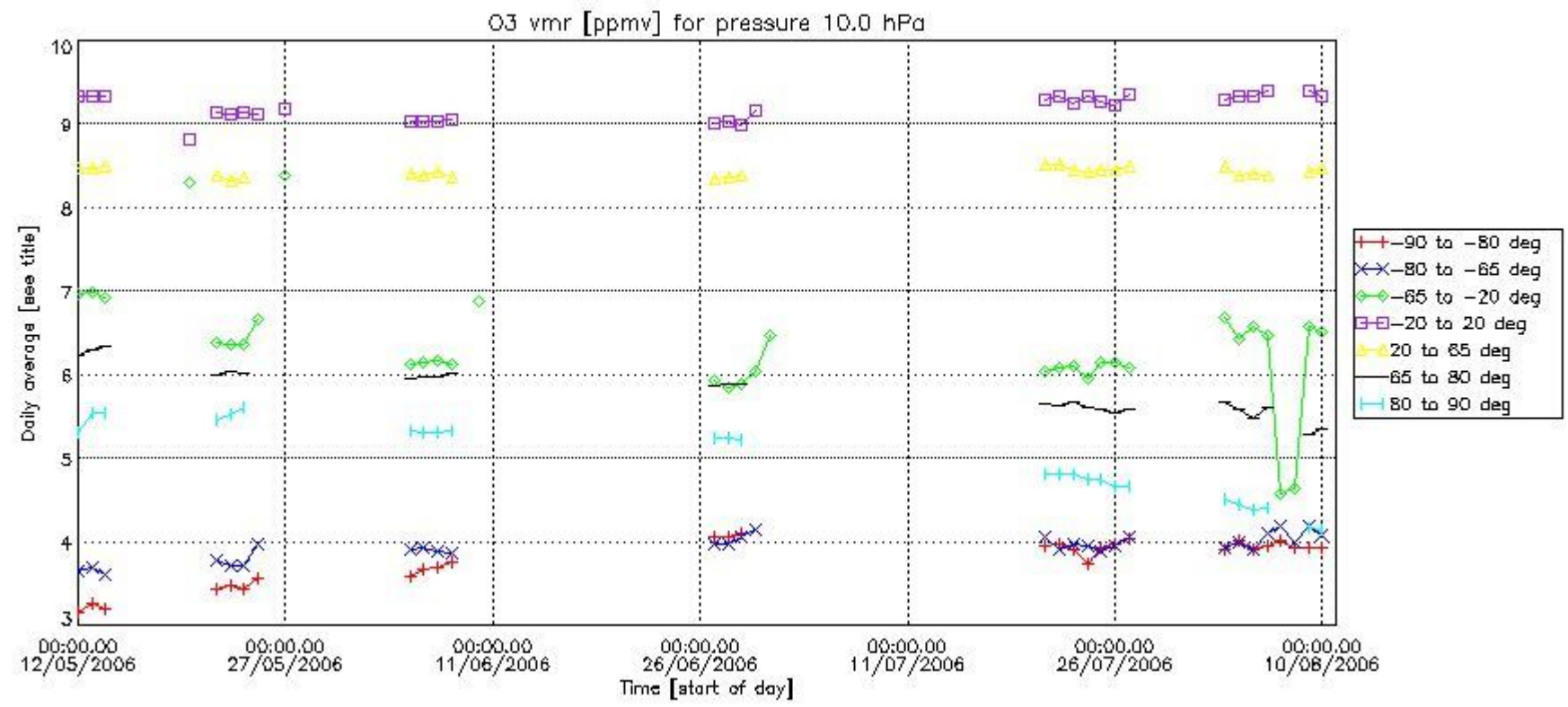


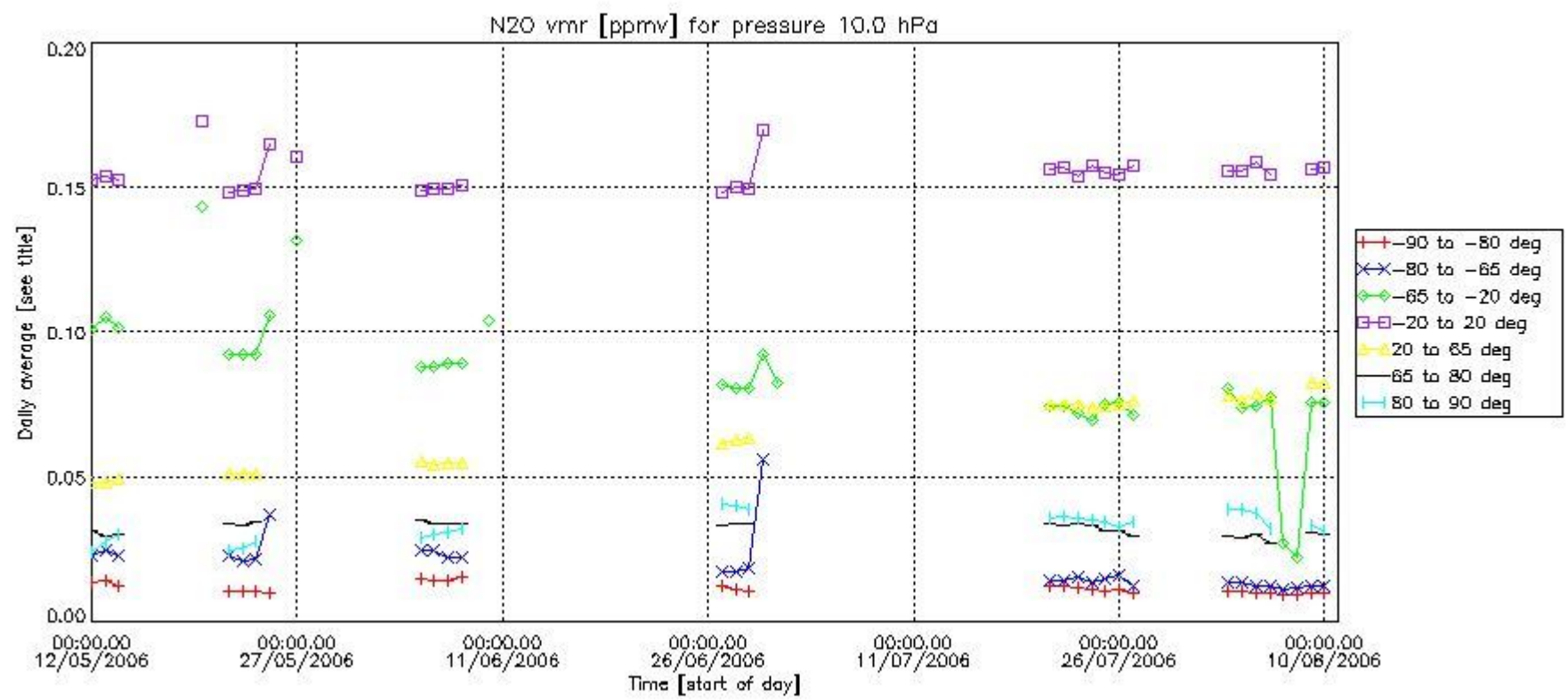
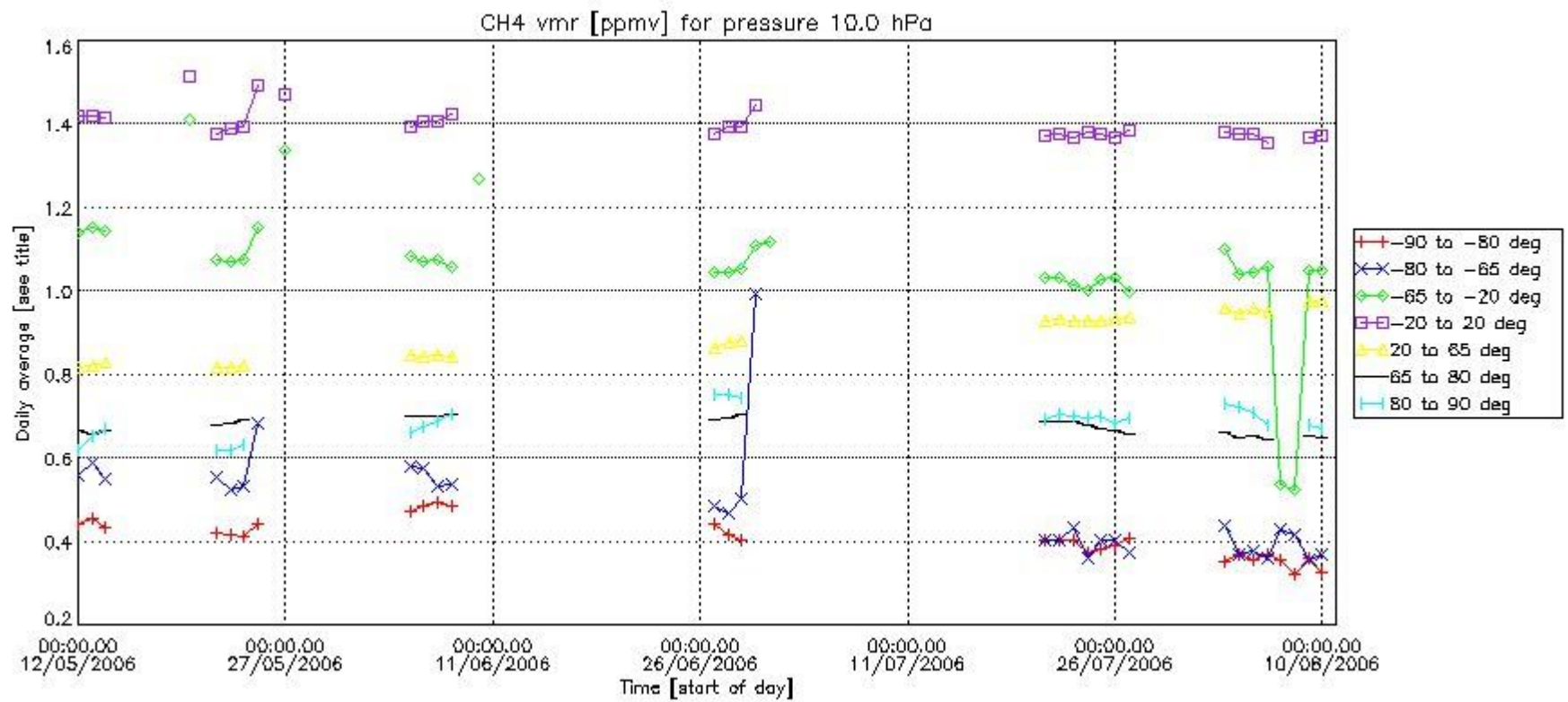


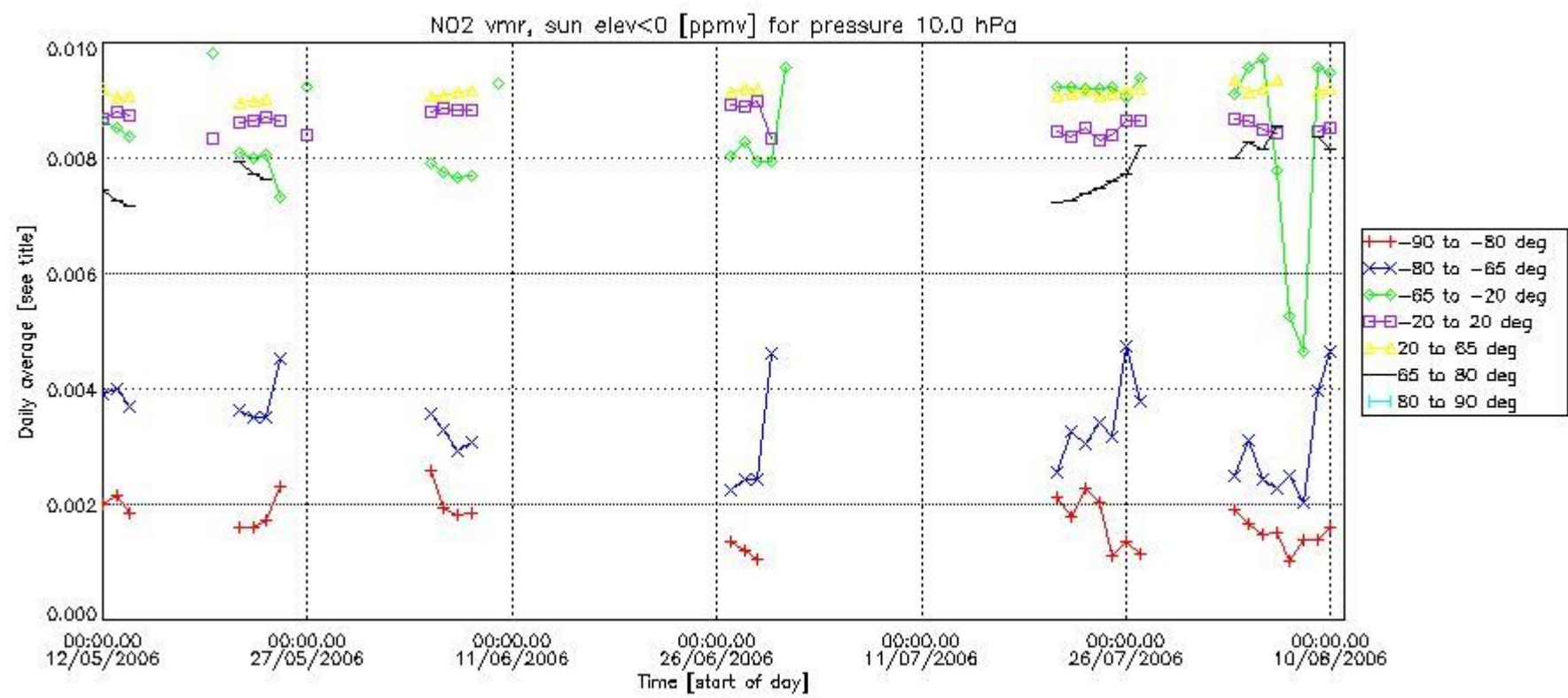
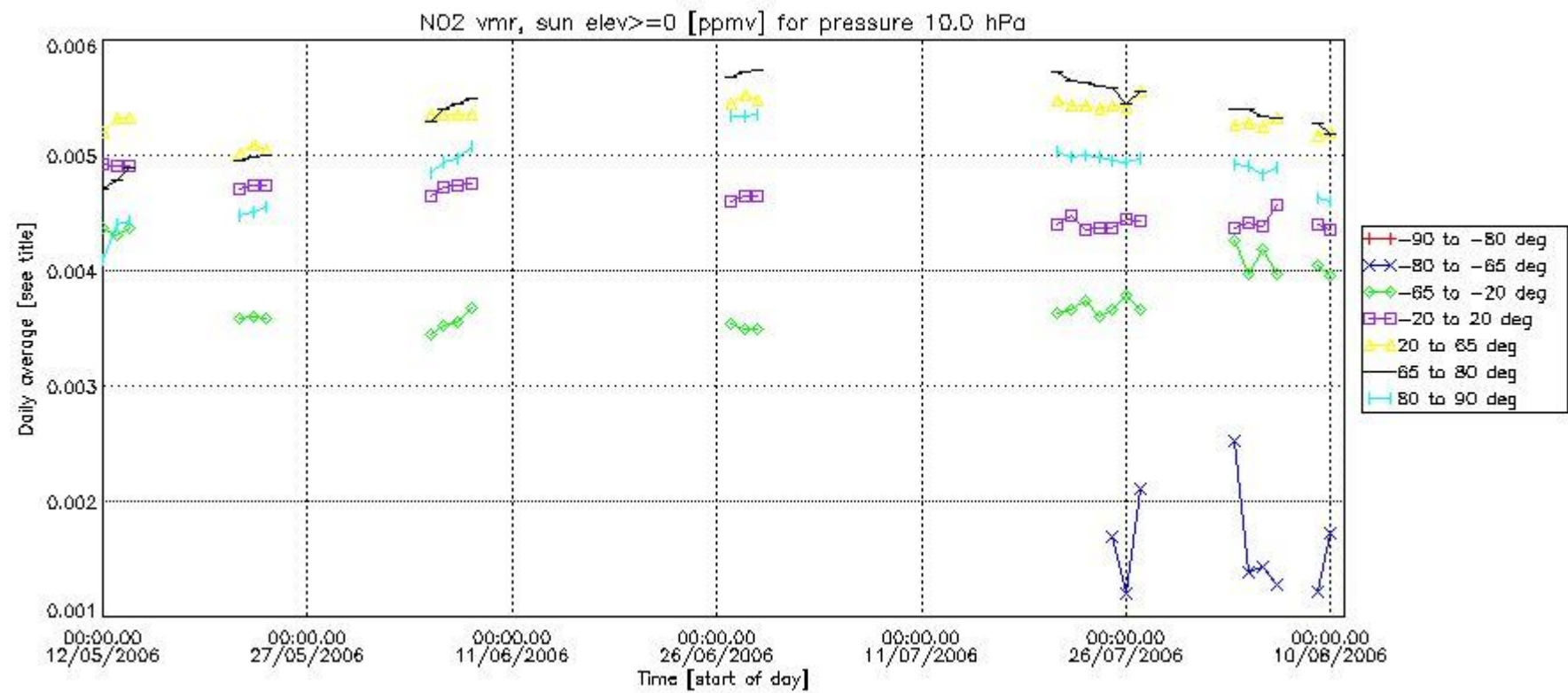


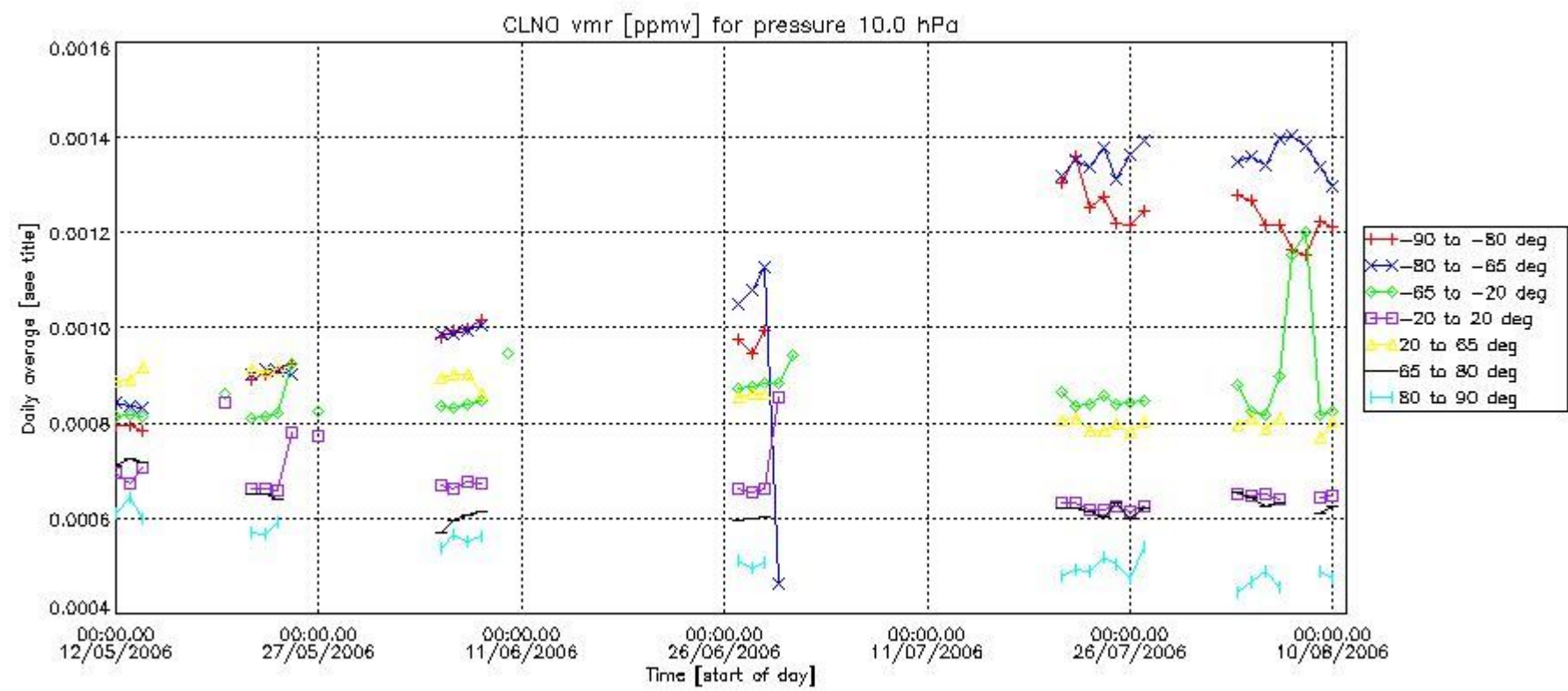
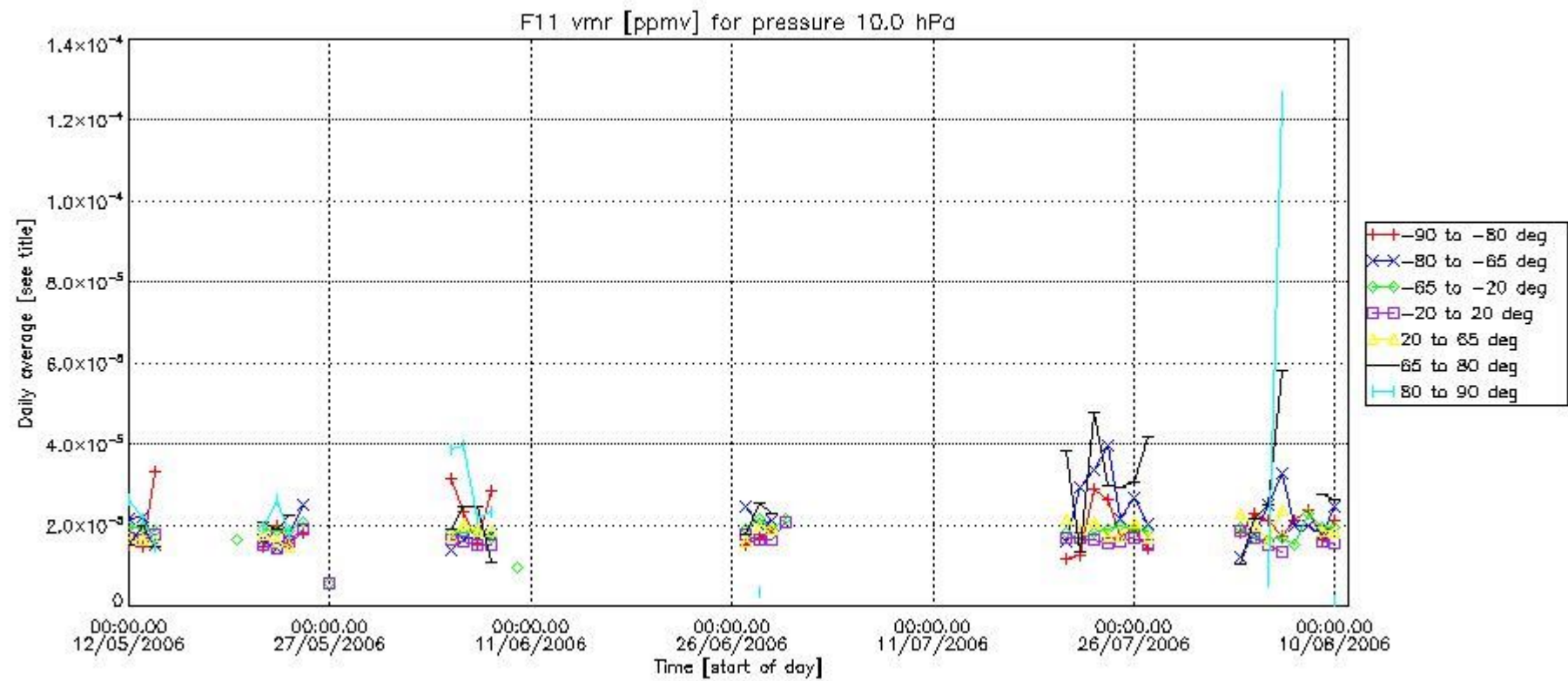


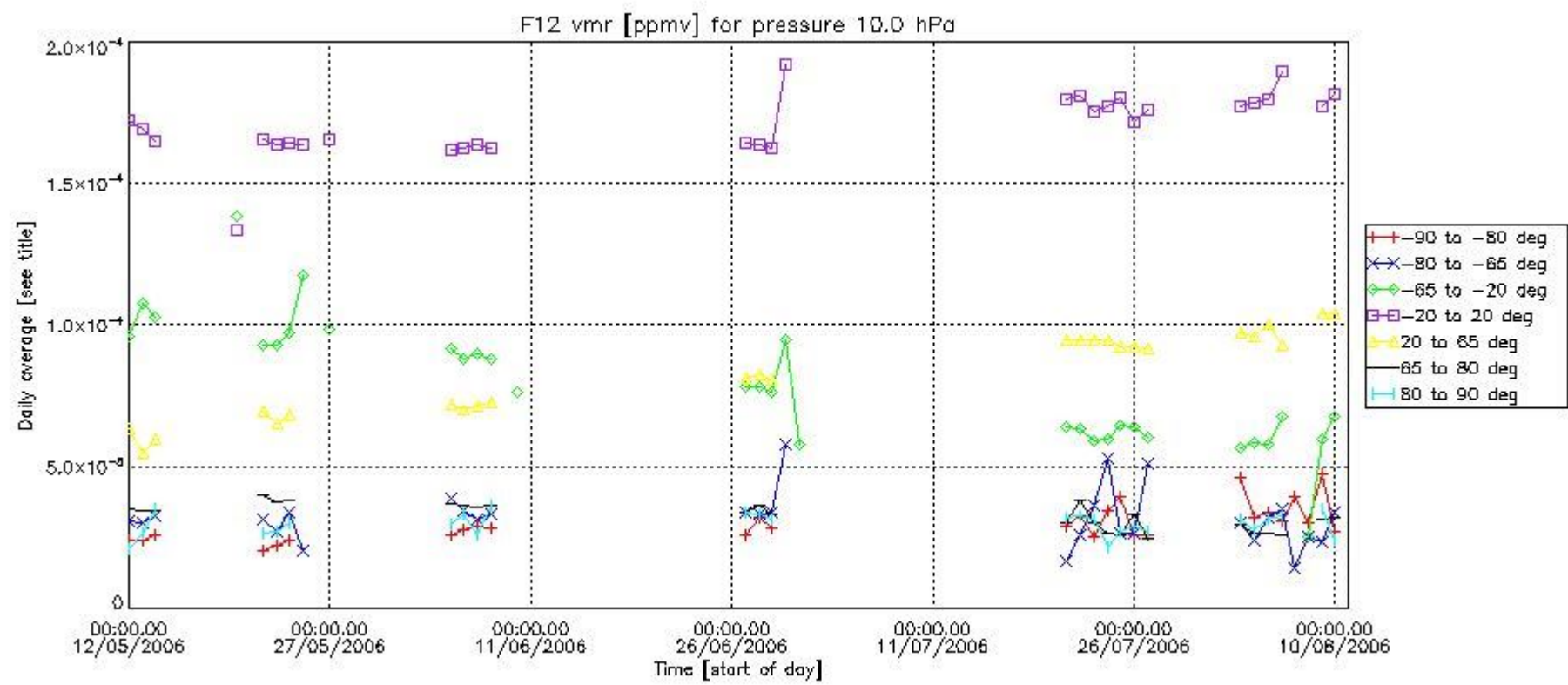
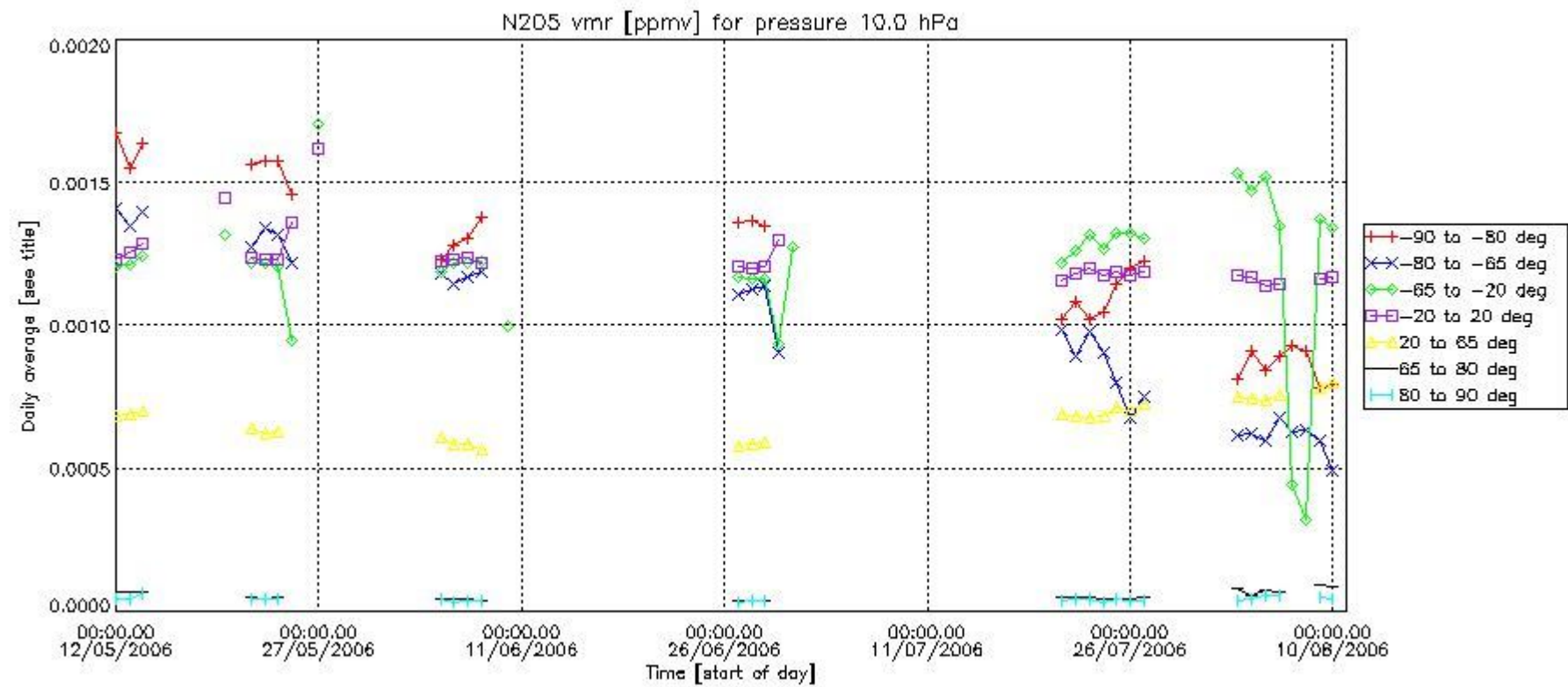


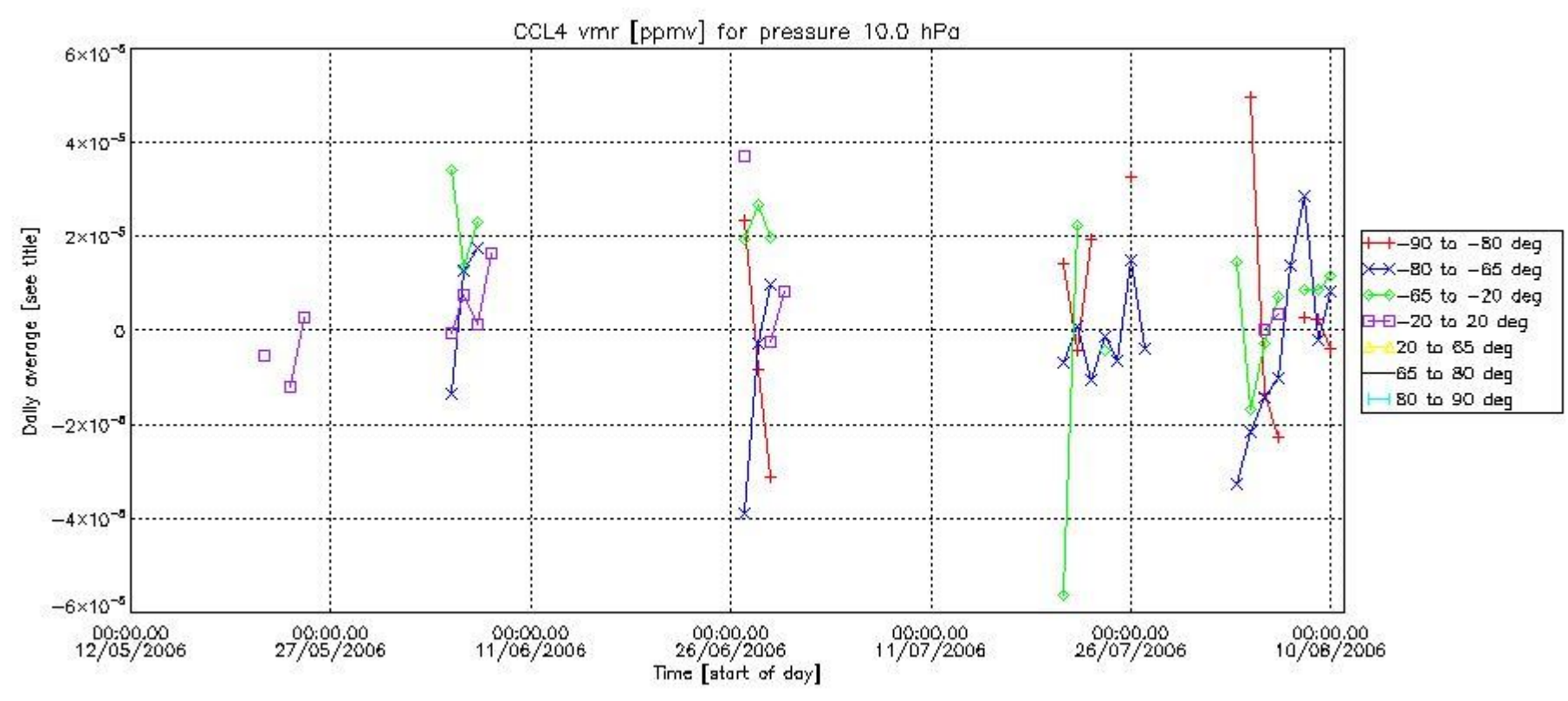
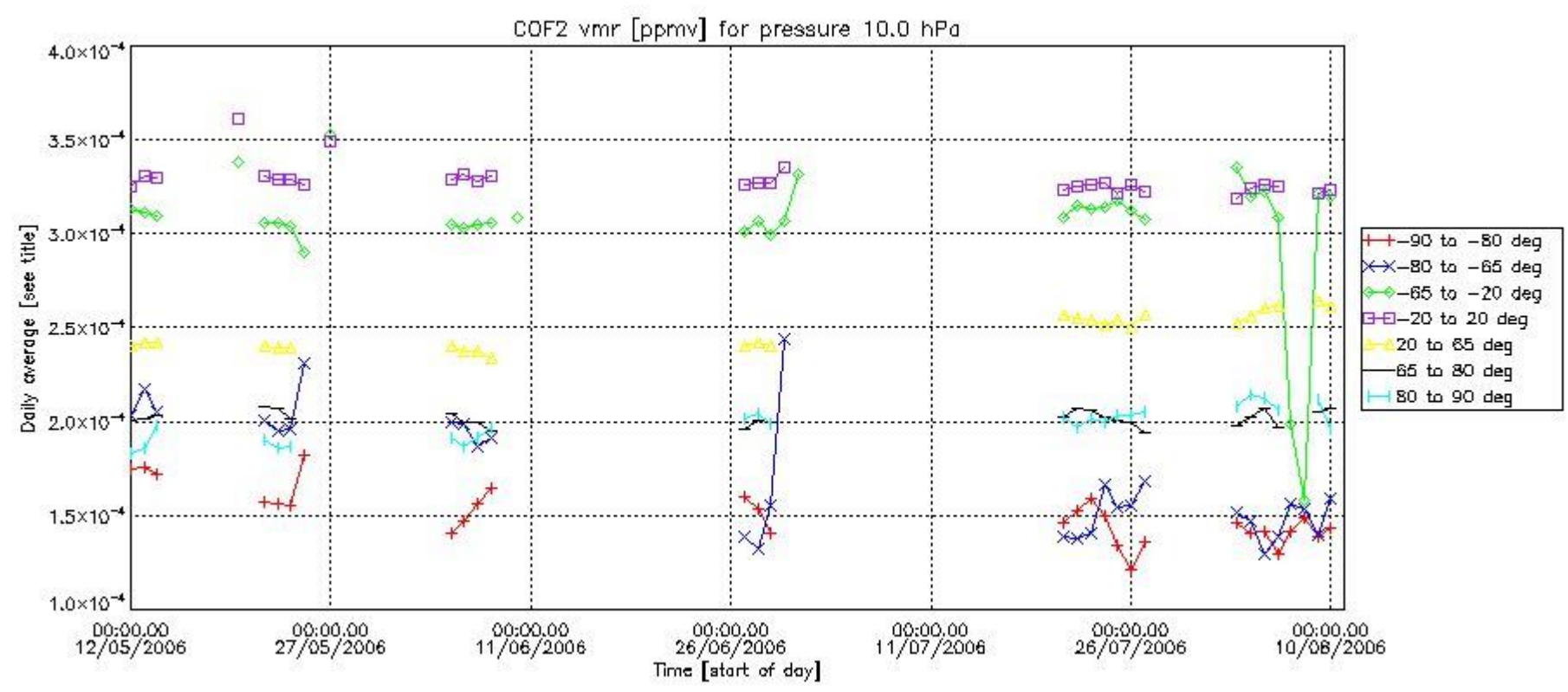


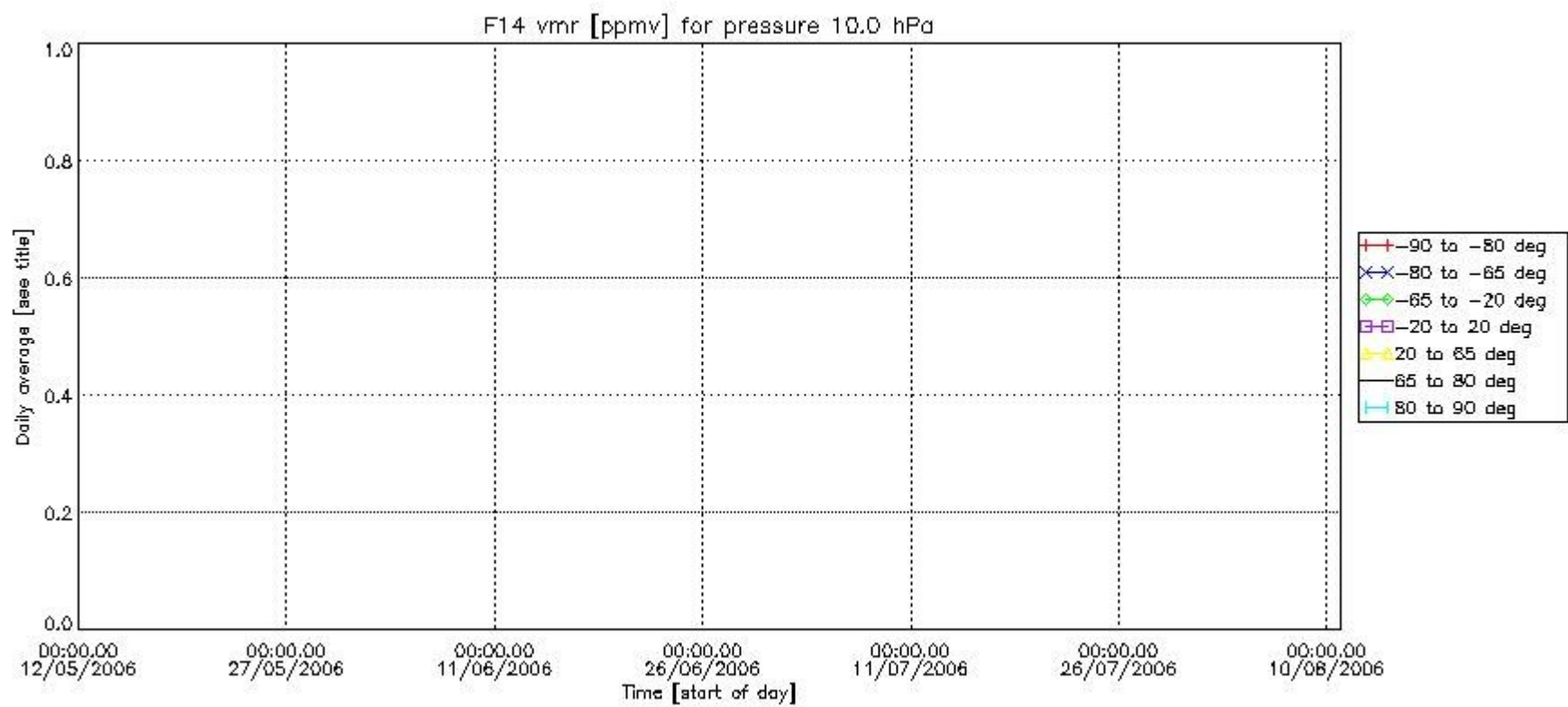
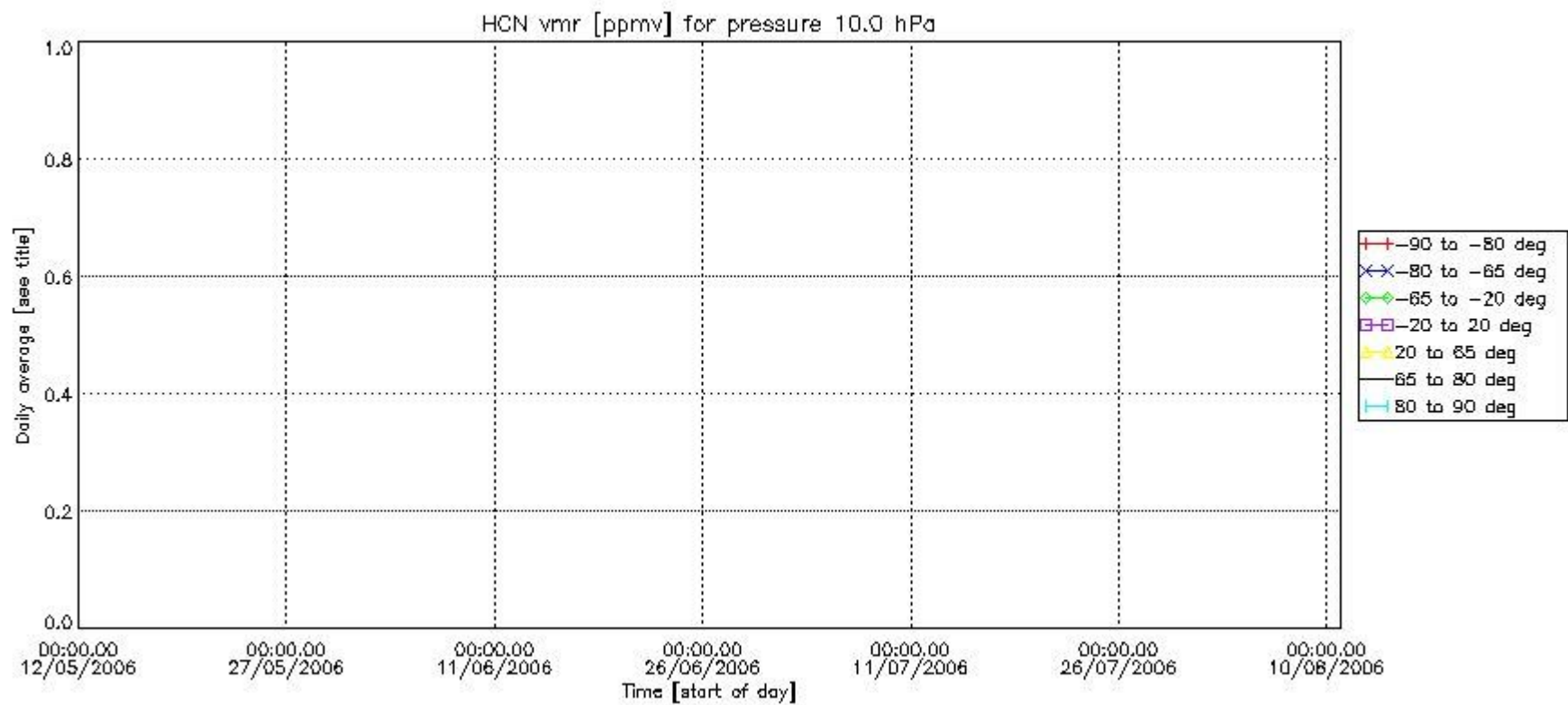


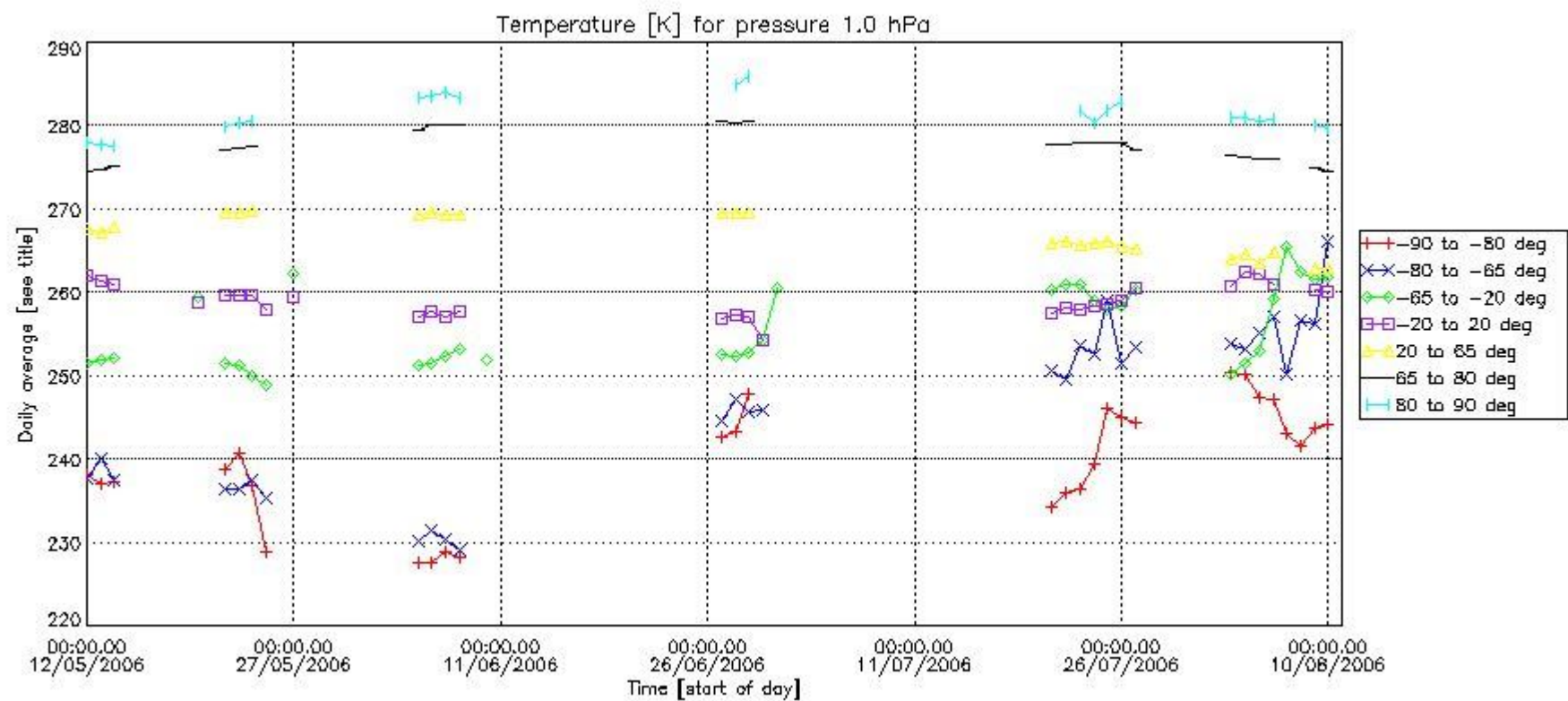
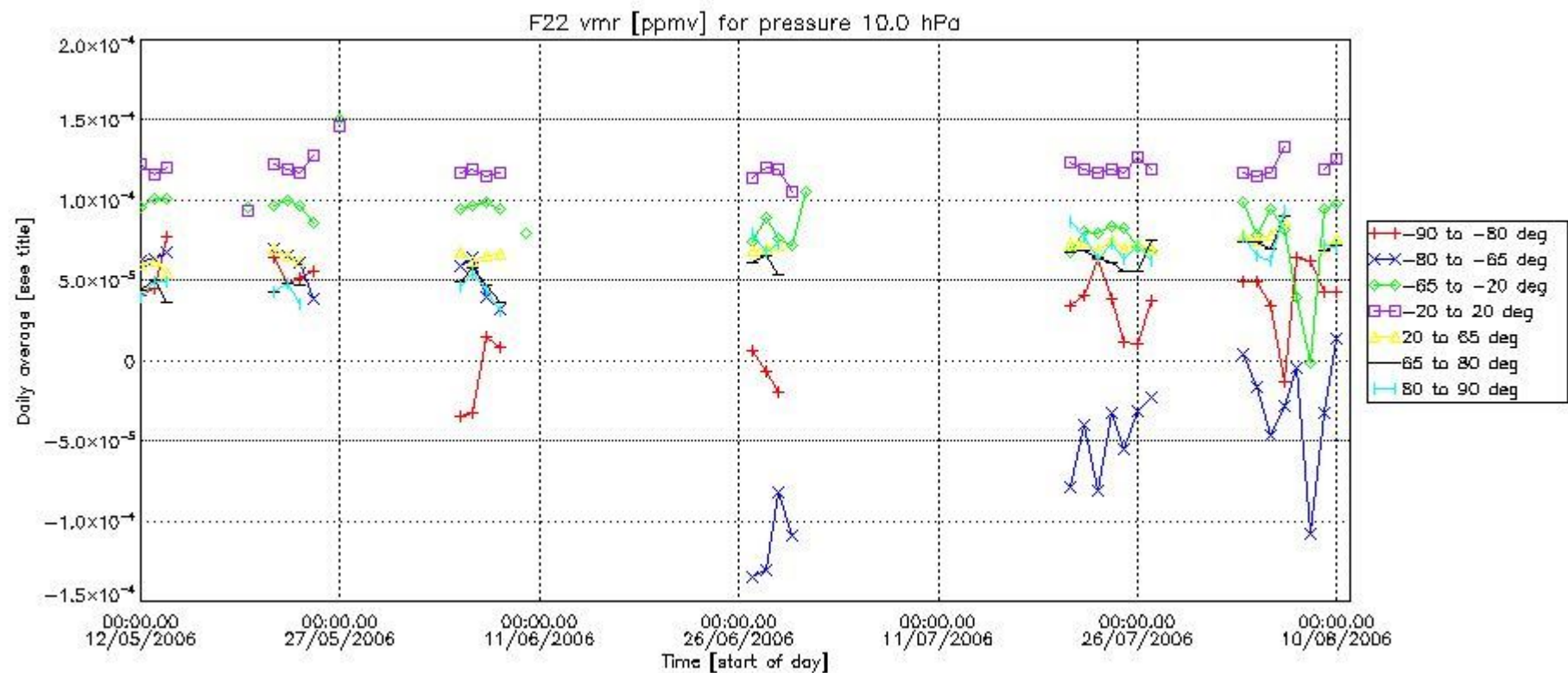


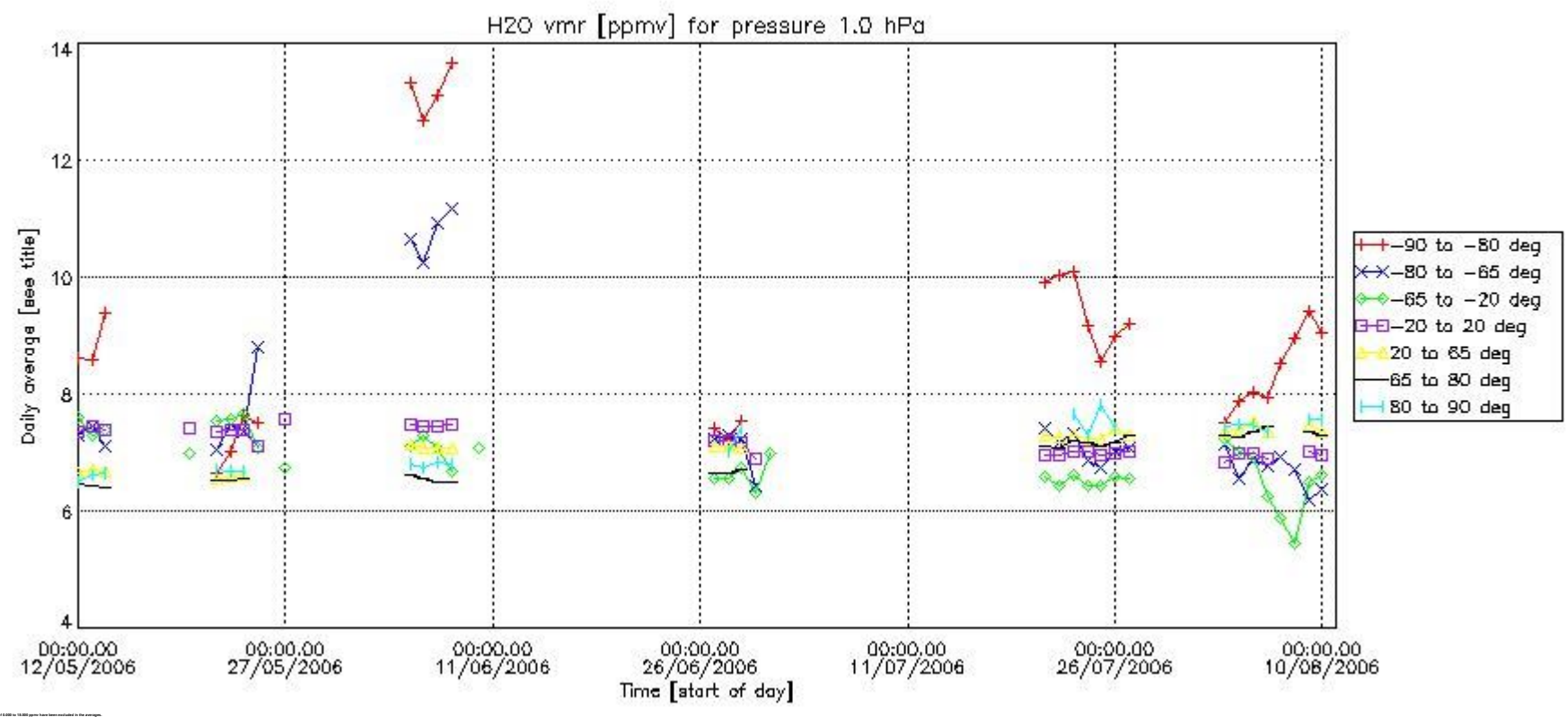
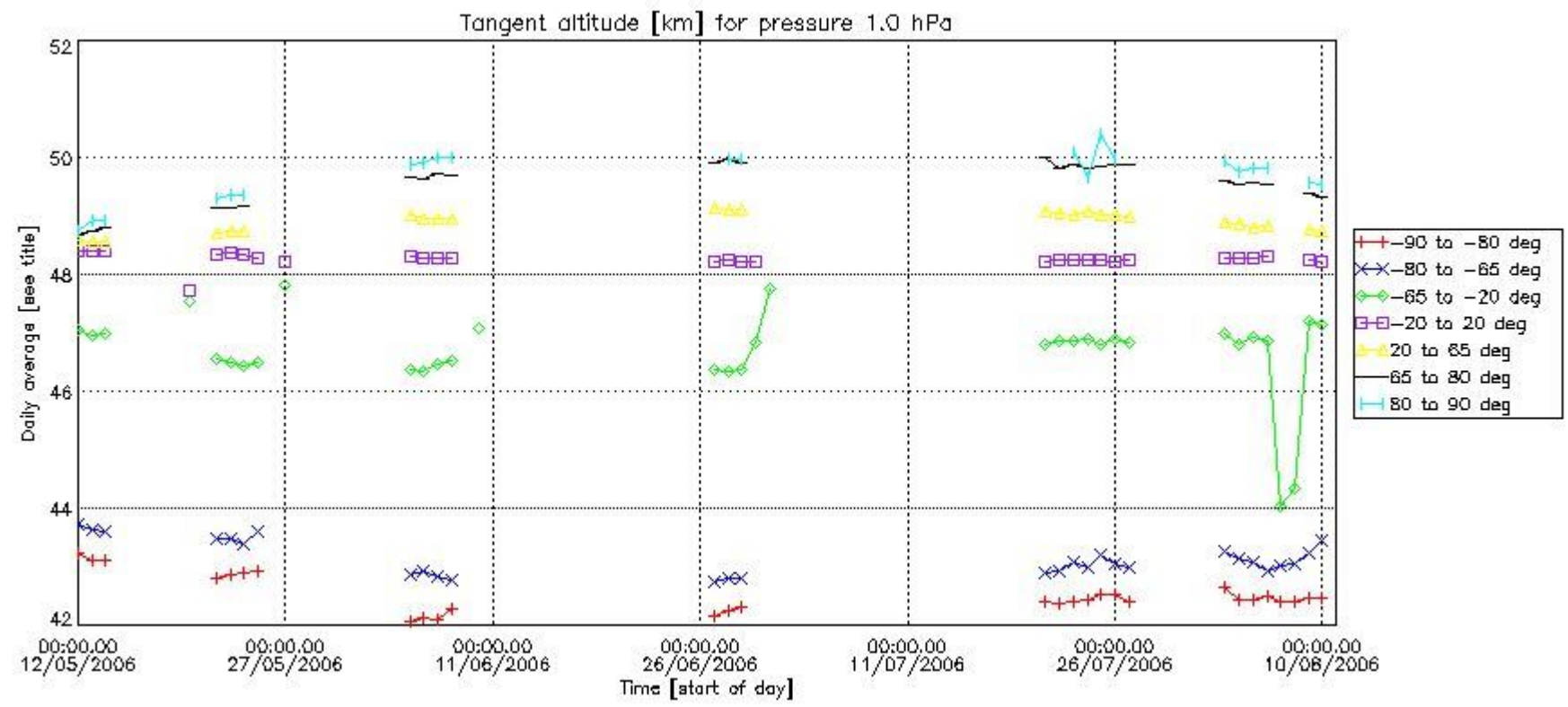


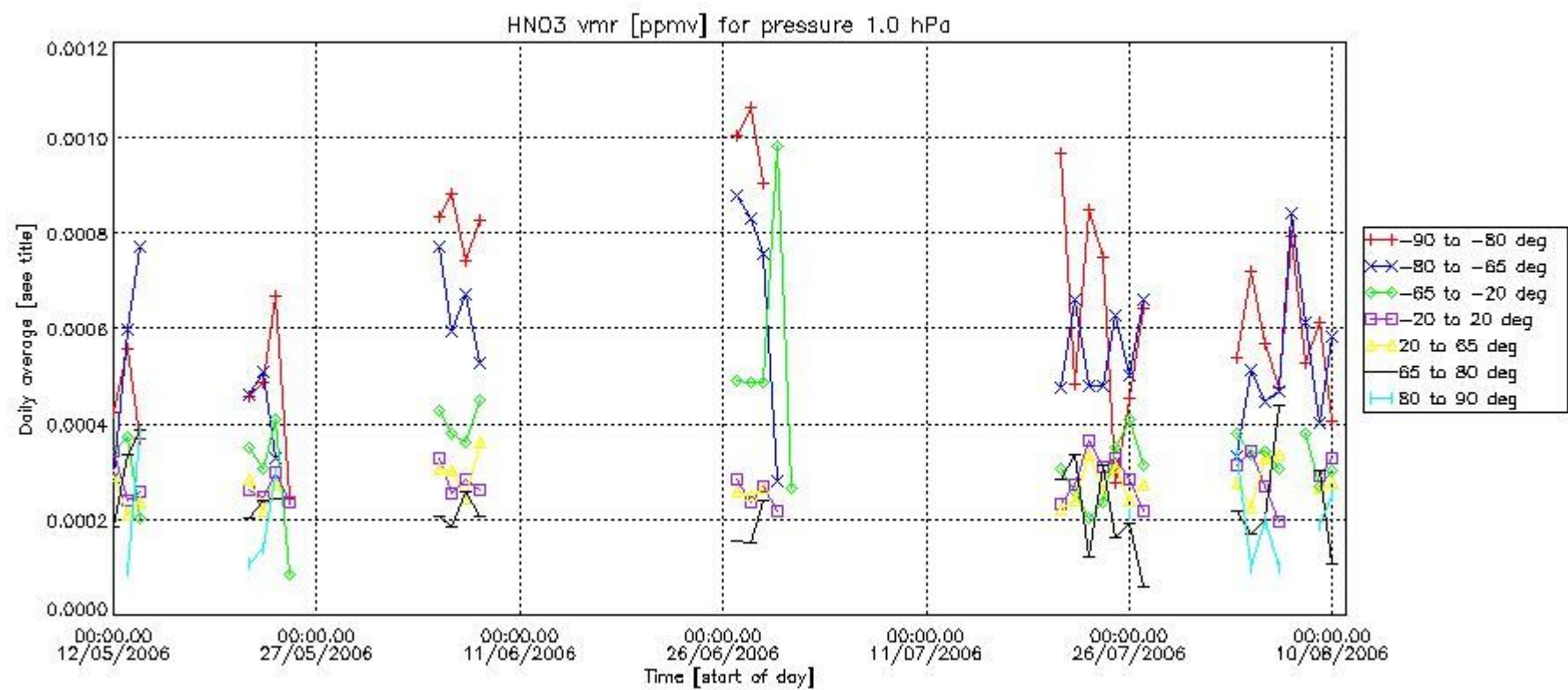
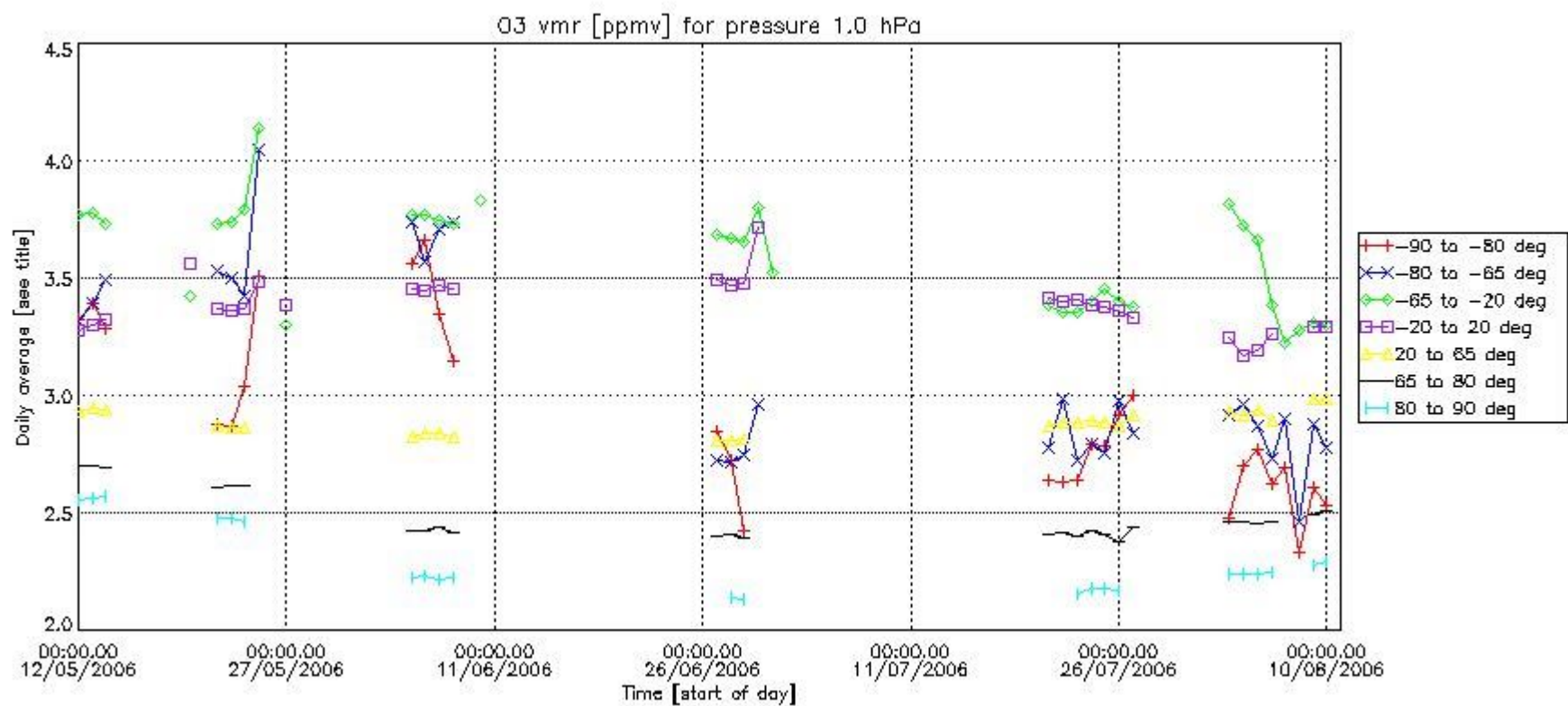


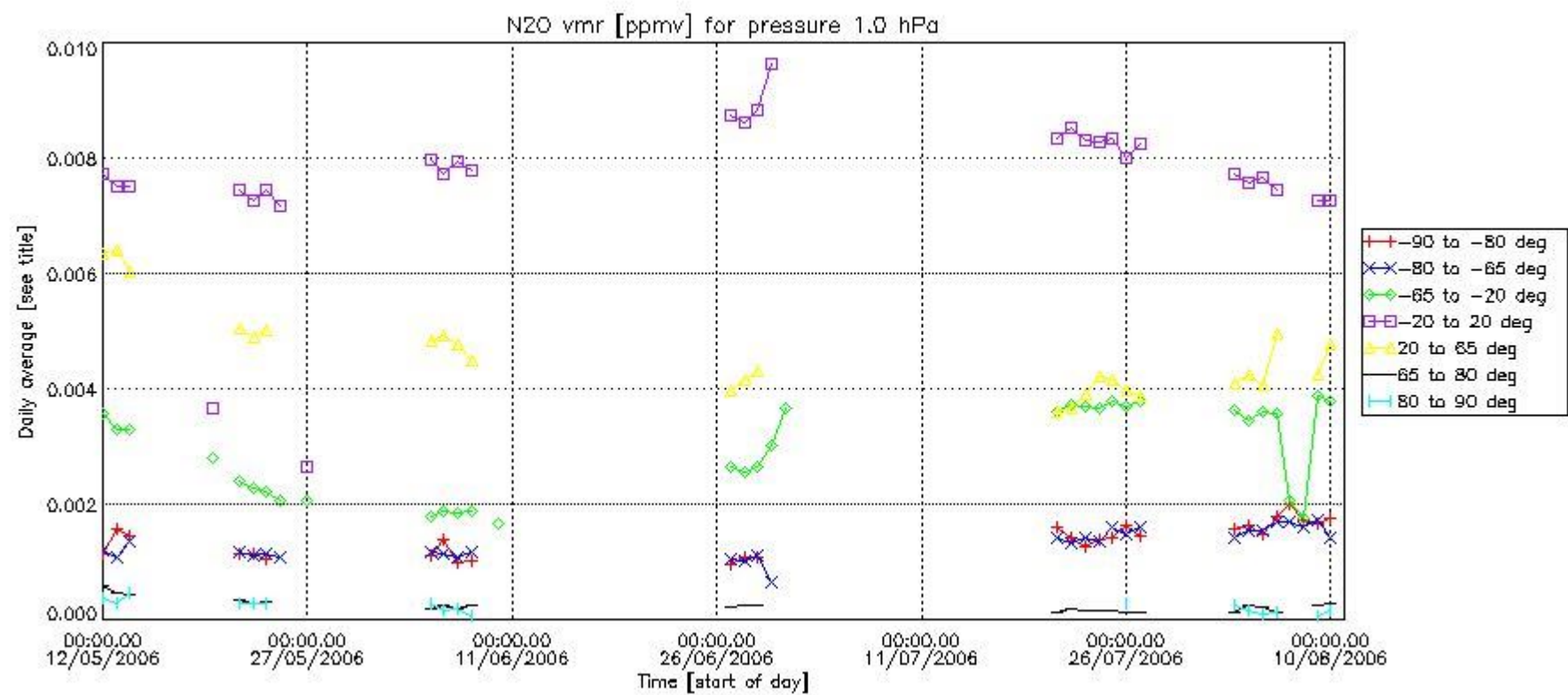
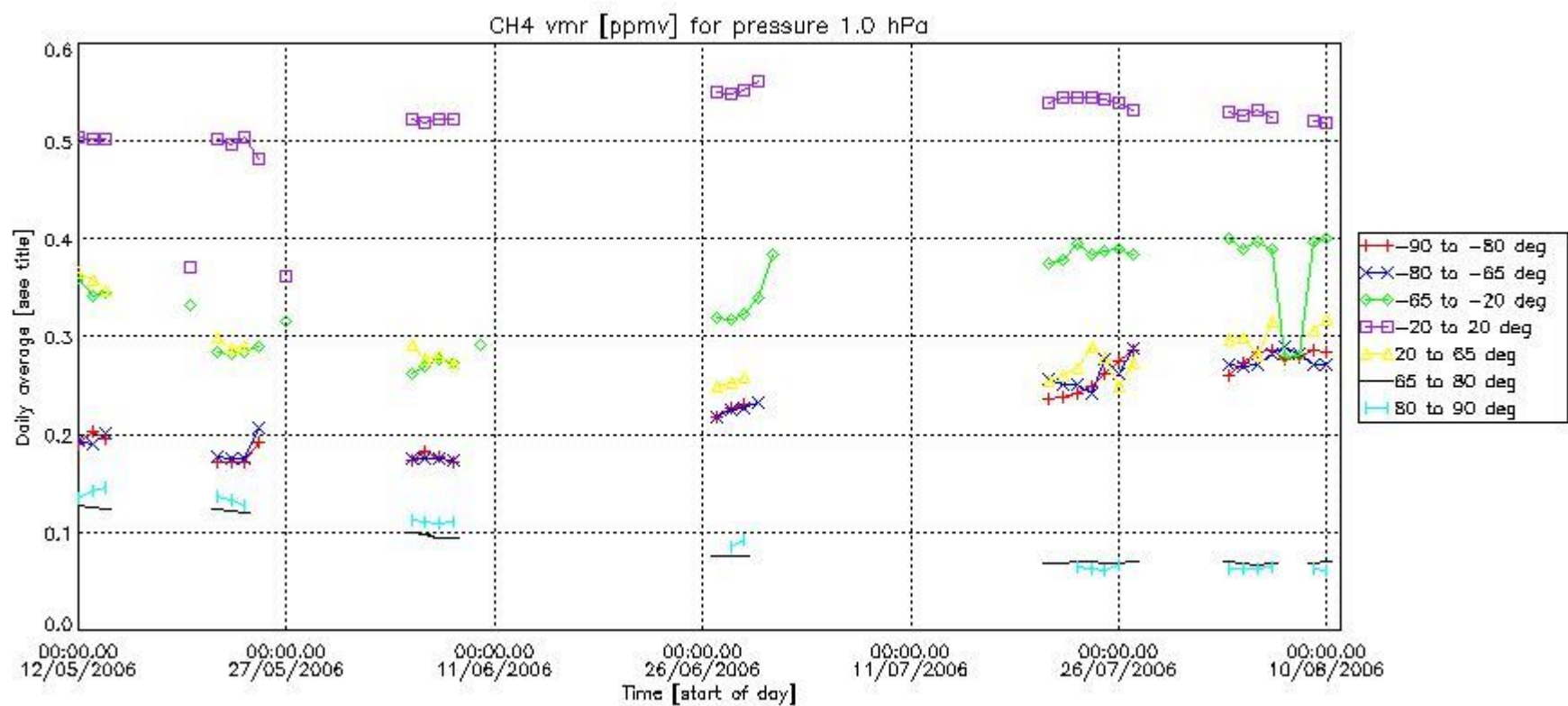


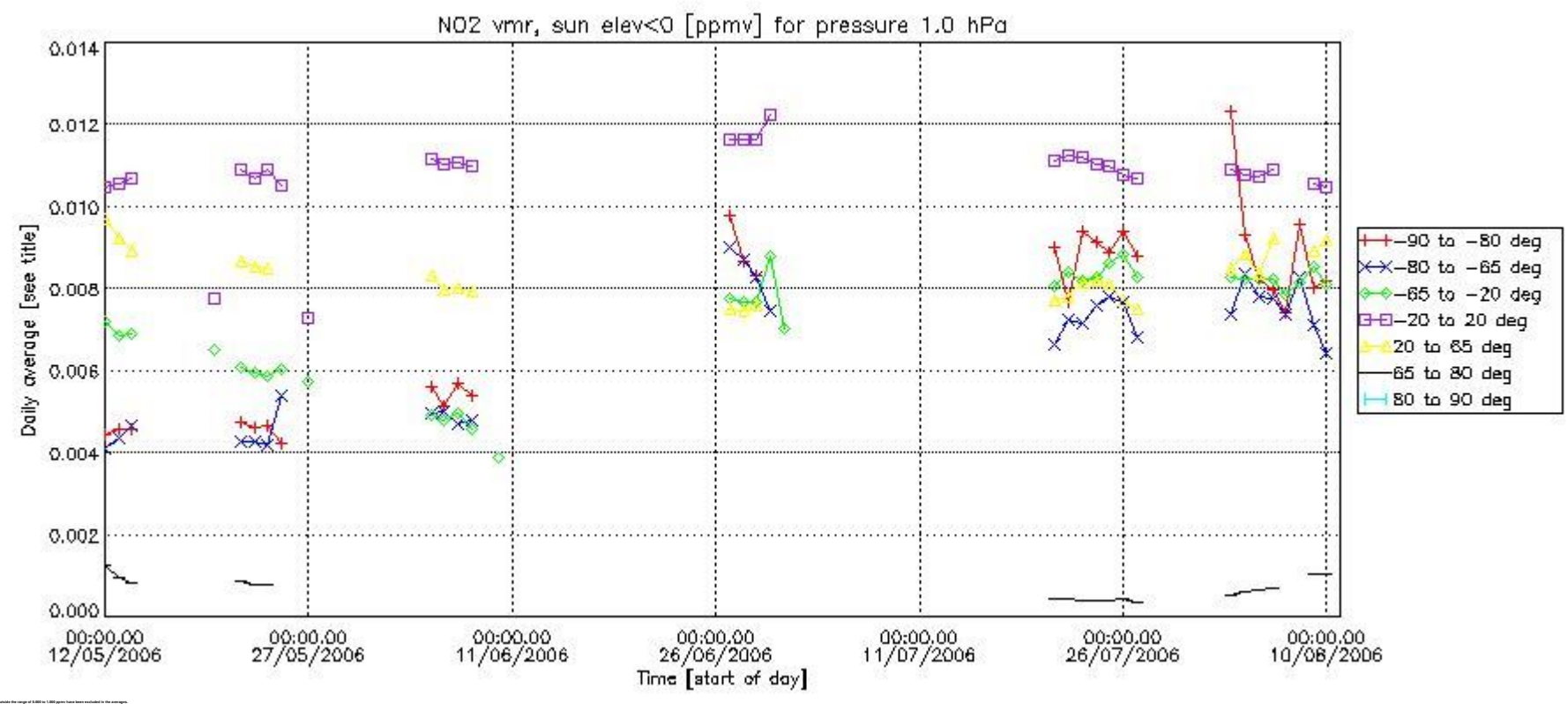
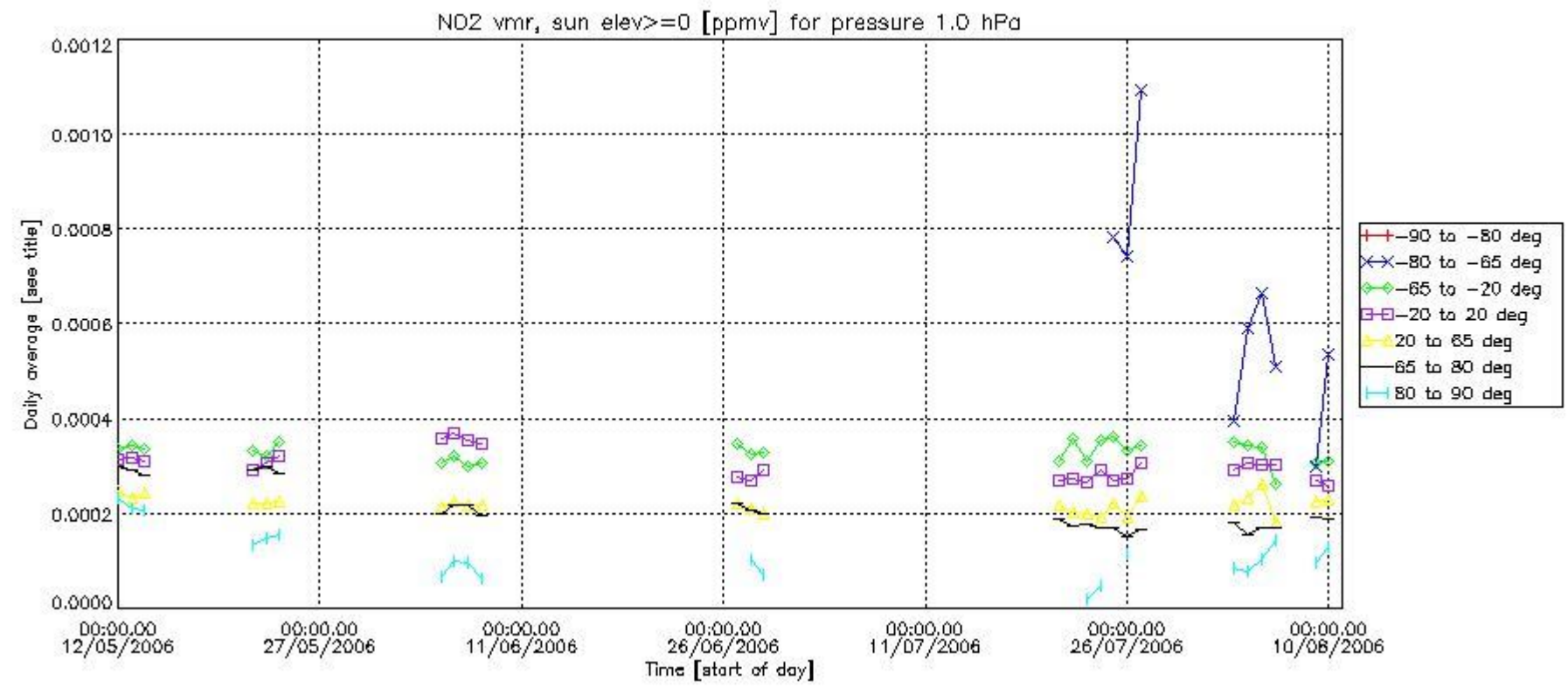


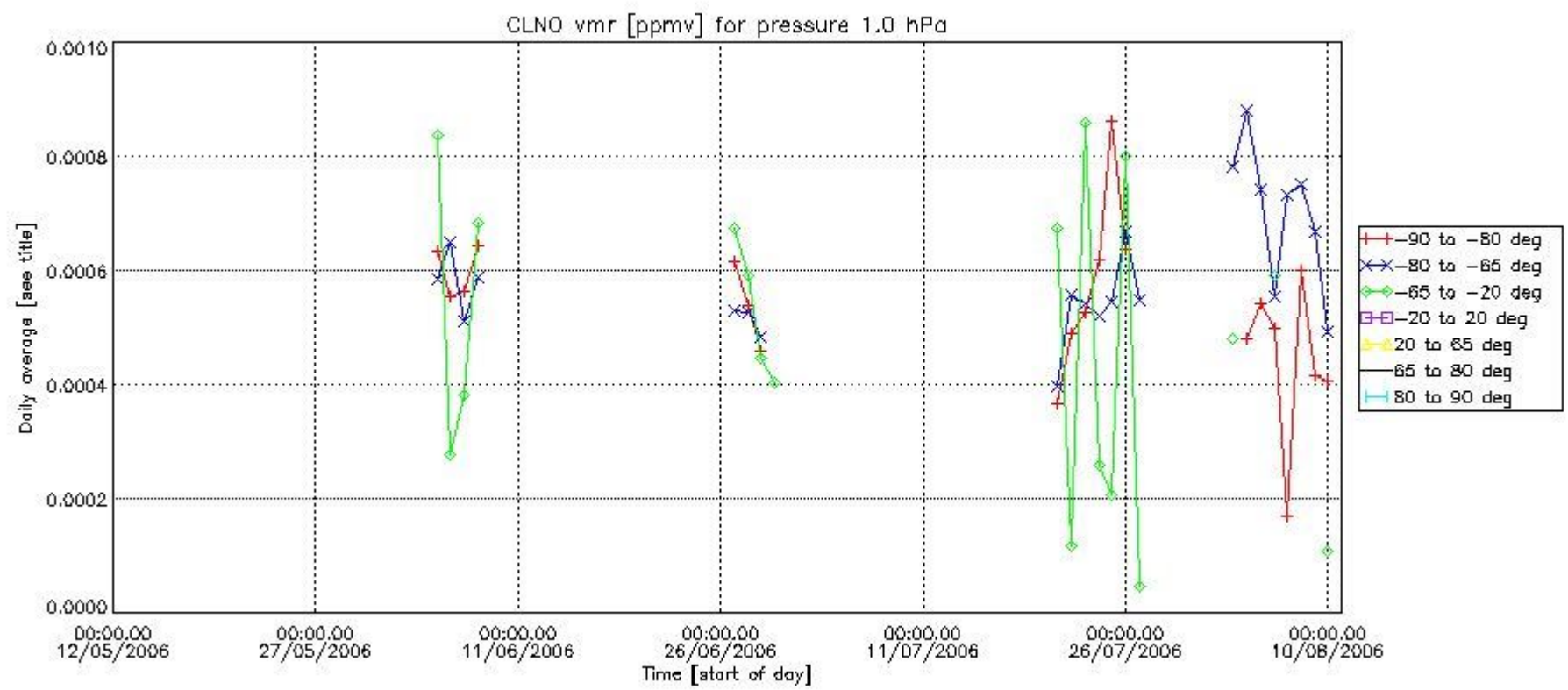
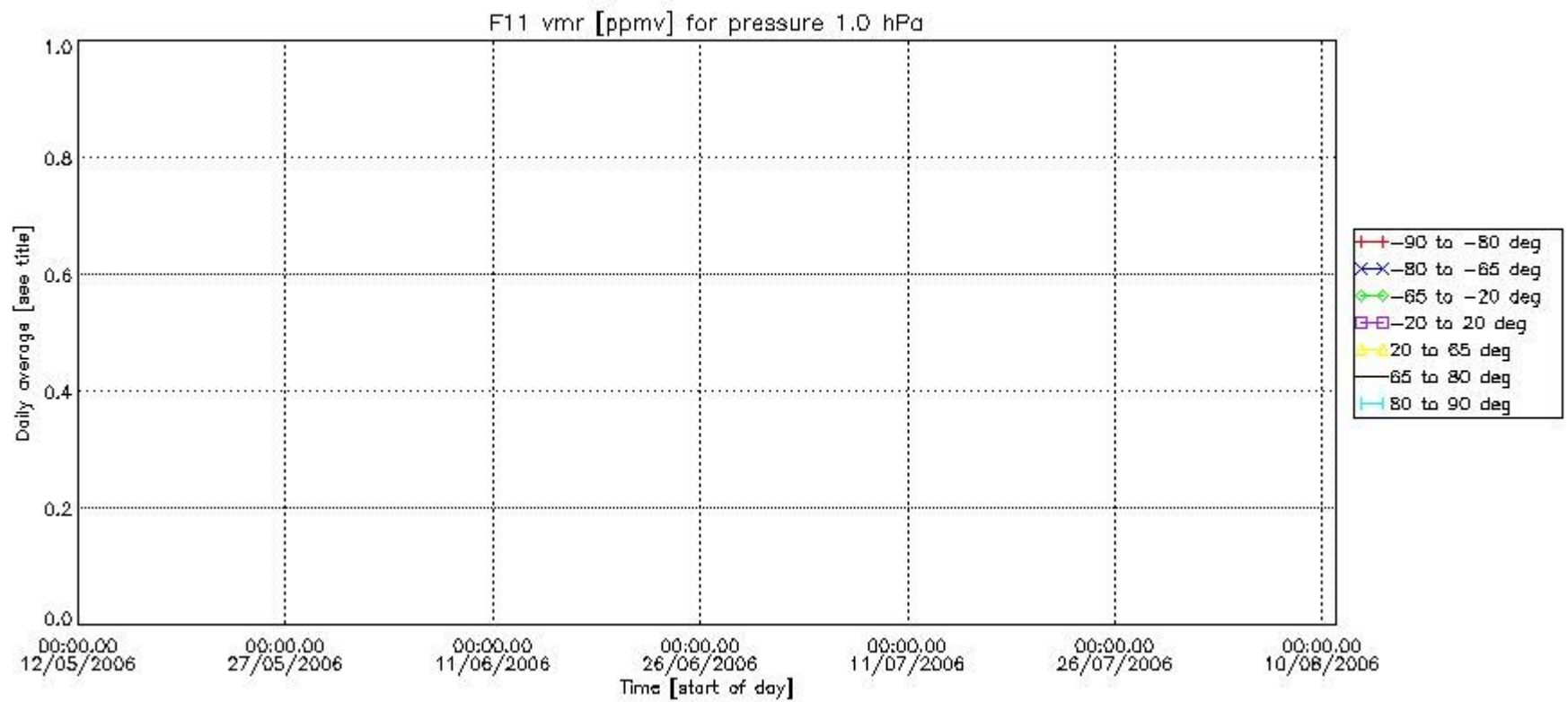


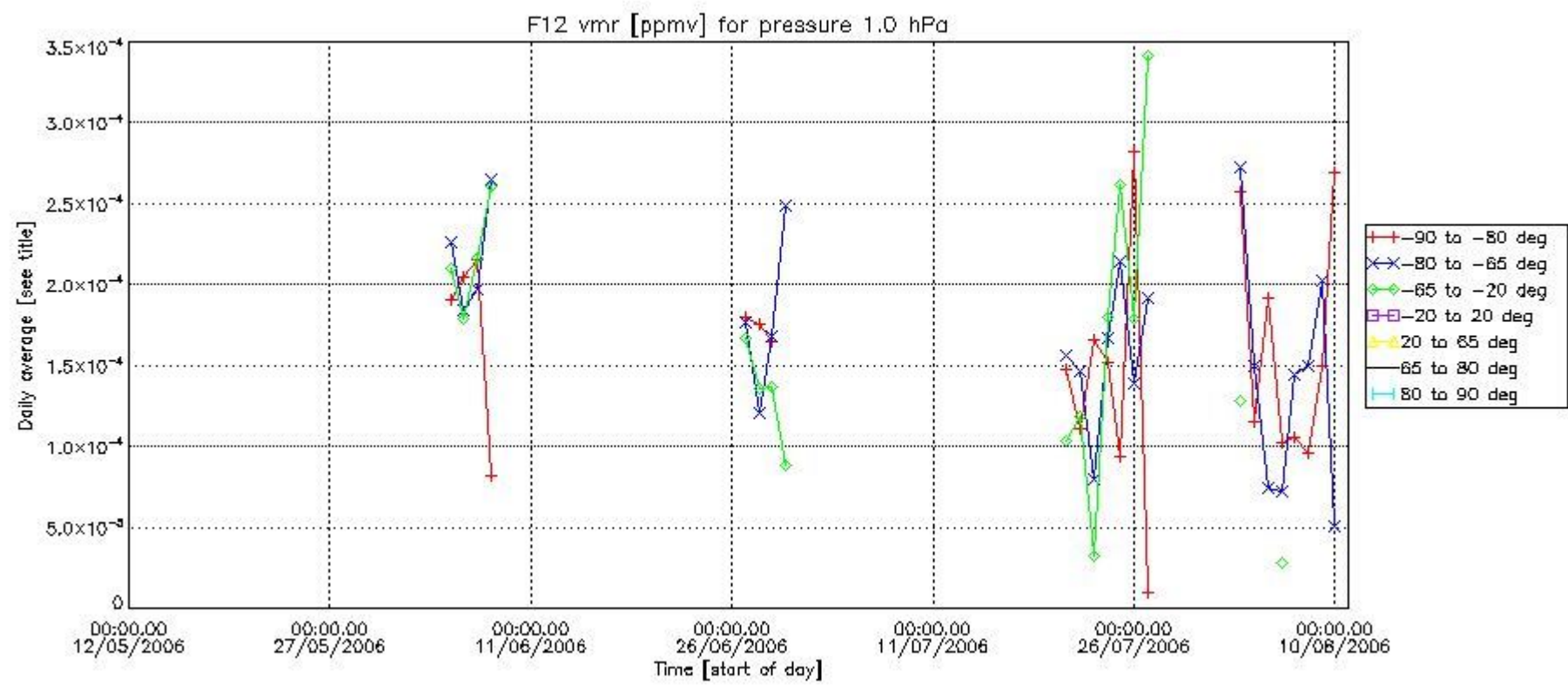
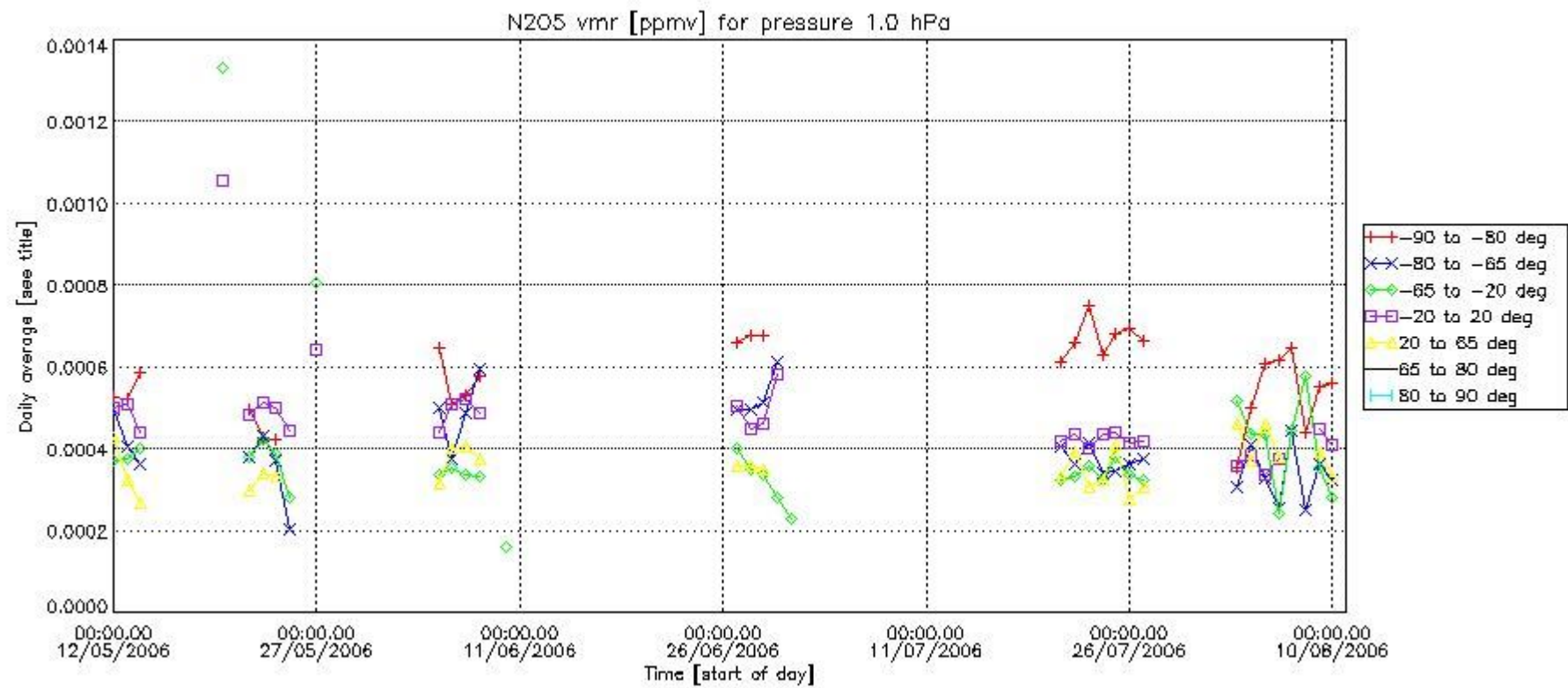


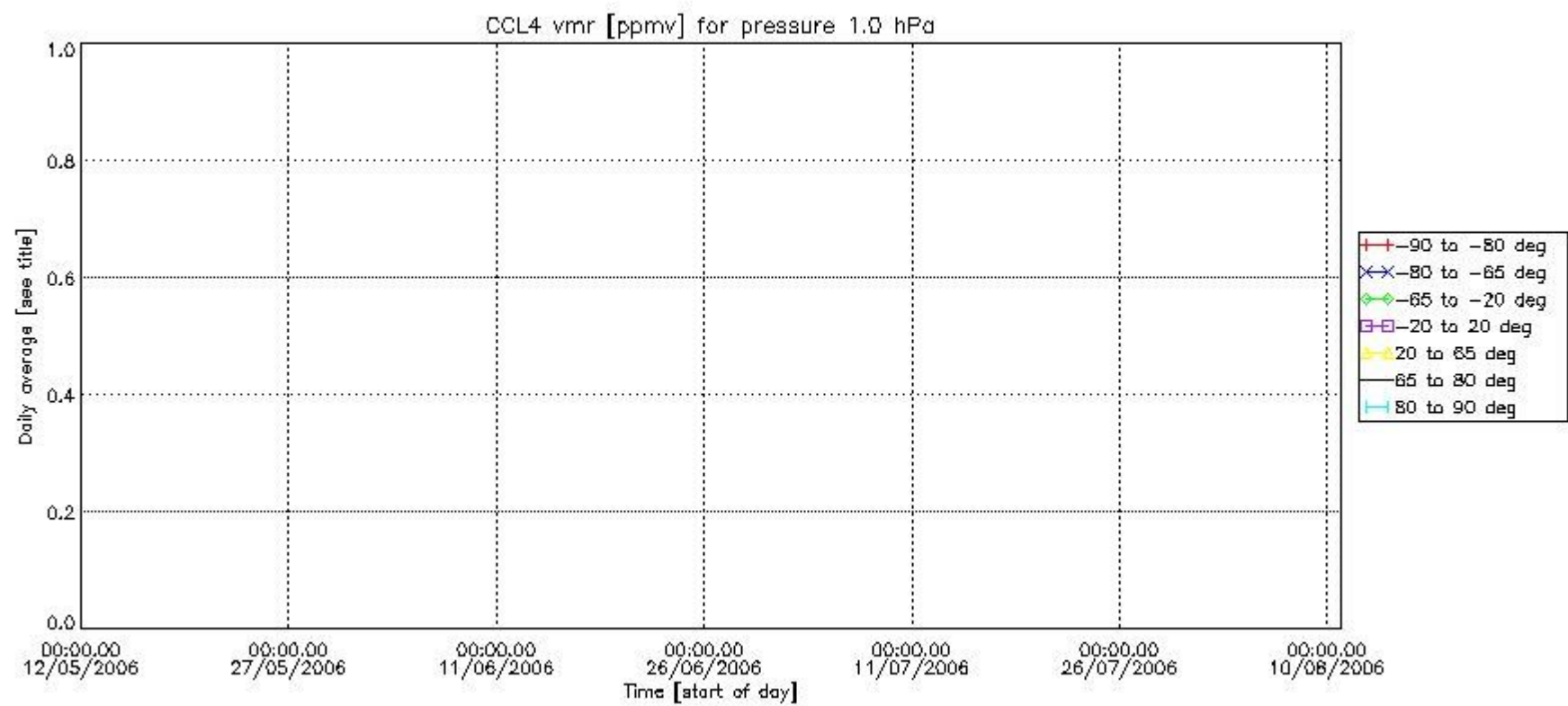
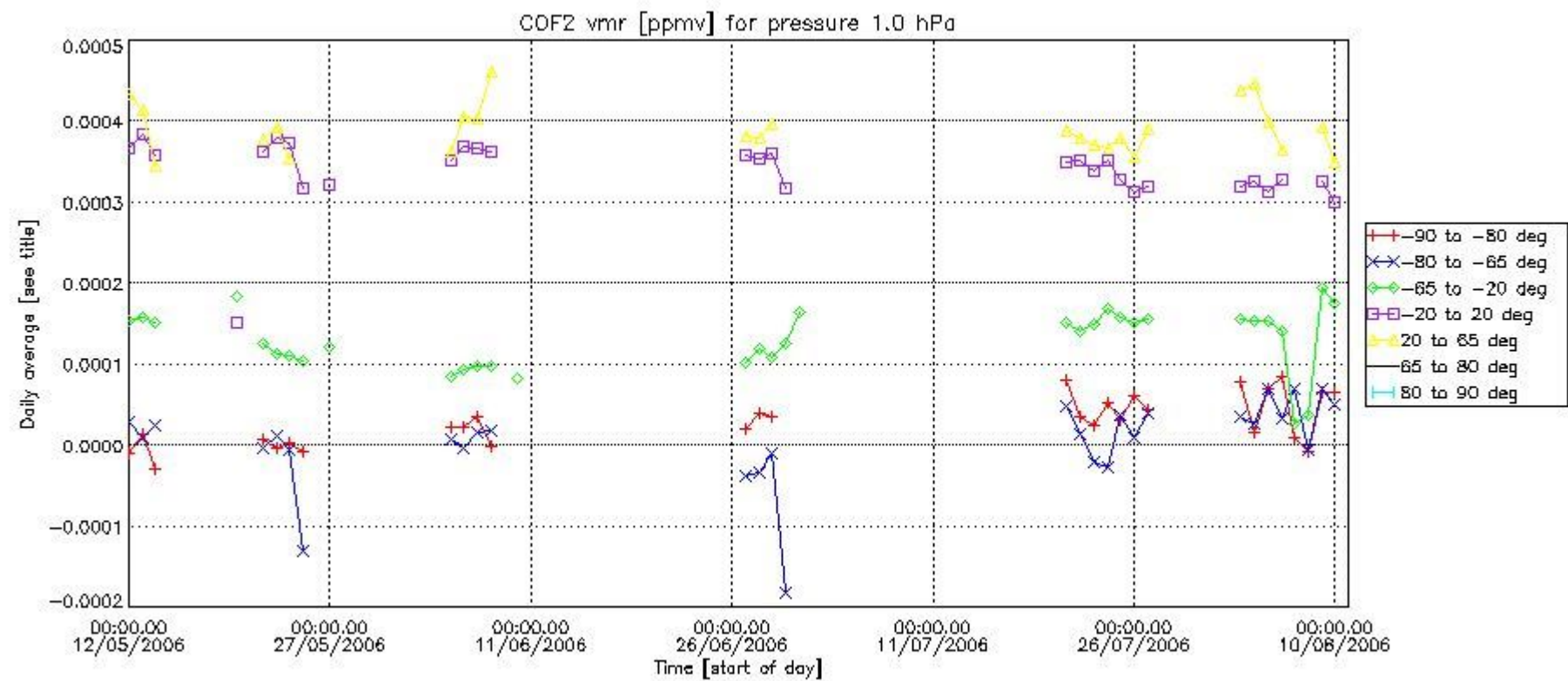


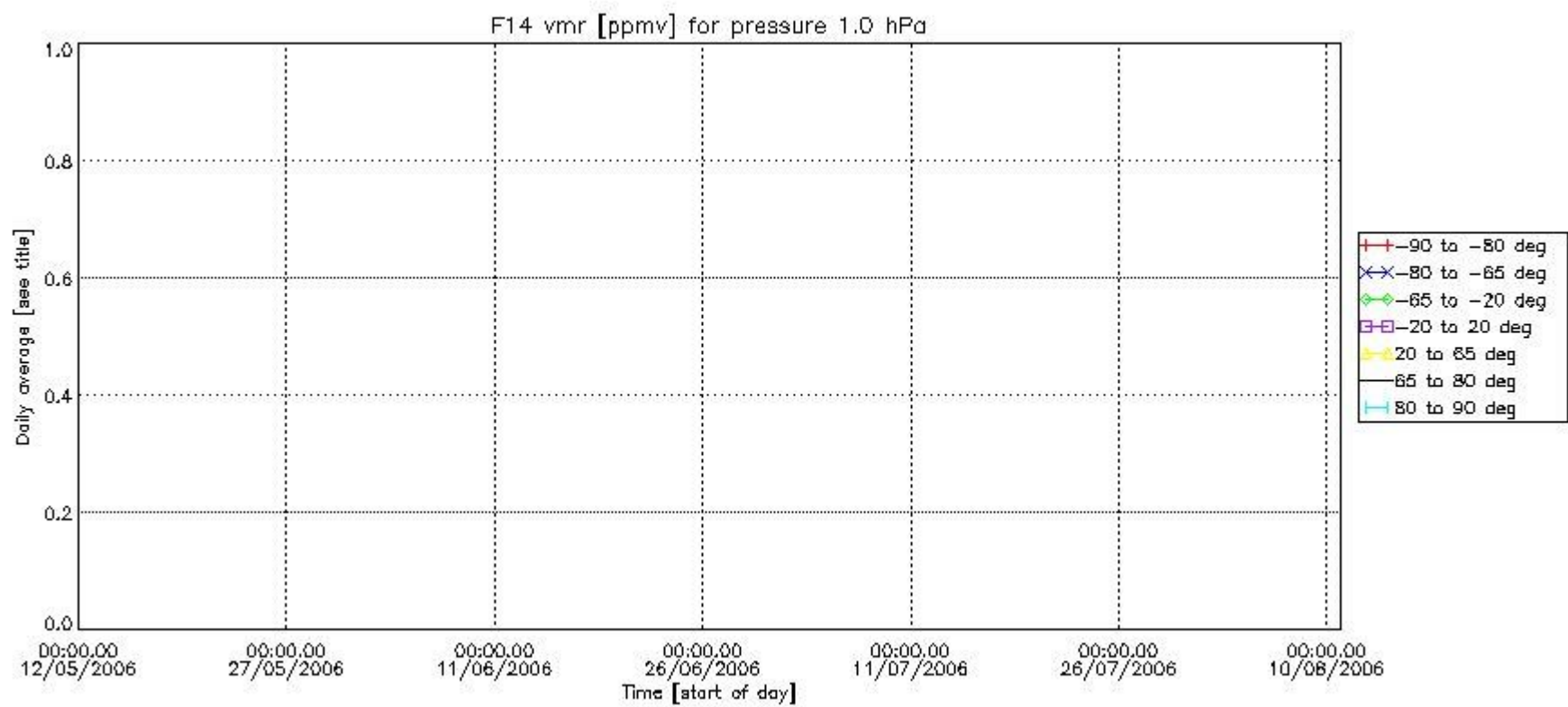
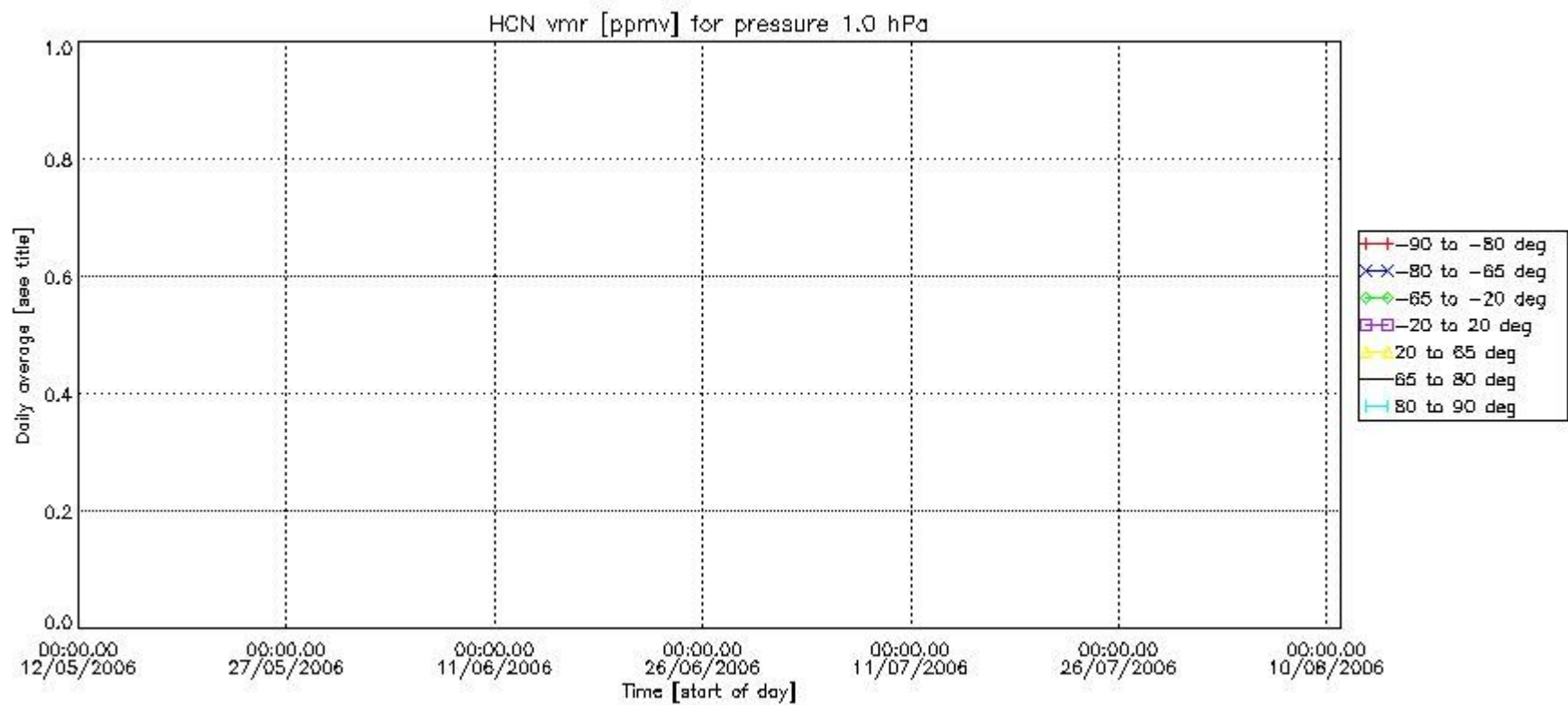


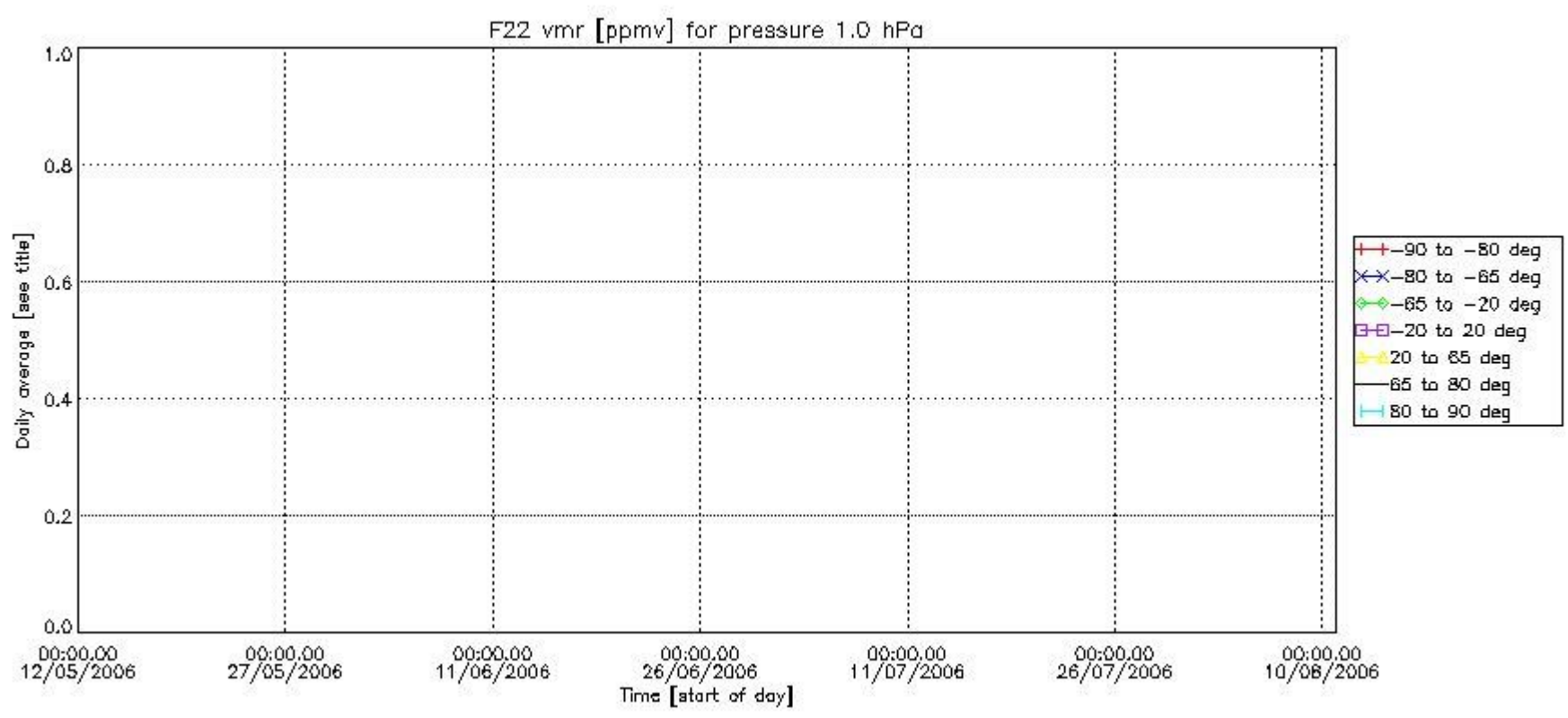












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

