

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060426.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 15:30:51
Data source version	ML2PP/7.03-W
Processing scope for products	26APR2006 00:00:00 to 27APR2006 00:00:00
Start time of first product within scope	26APR2006 06:00:00
Stop time of last product within scope	26APR2006 21:10:31
Total number of level 2 products	6
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__2PWDSI20060426_060000_000042802047_00120_21717_1000.N1	26APR2006 06:00:00	26APR2006 07:11:21	0	90/90	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1]
1	MIP_NL__2PWDSI20060426_071211_000060302047_00121_21718_1000.N1	26APR2006 07:12:11	26APR2006 08:52:40	0	110/110	VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:3]
2	MIP_NL__2PWDSI20060426_085247_000020122047_00122_21719_1000.N1	26APR2006 08:52:47	26APR2006 09:26:19	0	44/44	
3	MIP_NL__2PWDSI20060426_174413_000042802047_00127_21724_1000.N1	26APR2006 17:44:13	26APR2006 18:55:32	0	90/90	VMR_TERM_MACRO_MICRO[F14/macro:2]
4	MIP_NL__2PWDSI20060426_185622_000060302047_00128_21725_1000.N1	26APR2006 18:56:22	26APR2006 20:36:52	0	128/128	VMR_TERM_MACRO_MICRO[CH4/micro:1; HCN/micro:1]
5	MIP_NL__2PWDSI20060426_203658_000020122047_00129_21726_1000.N1	26APR2006 20:36:58	26APR2006 21:10:31	0	44/44	VMR_TERM_MACRO_MICRO[HCN/macro:3; HCN/micro:1]

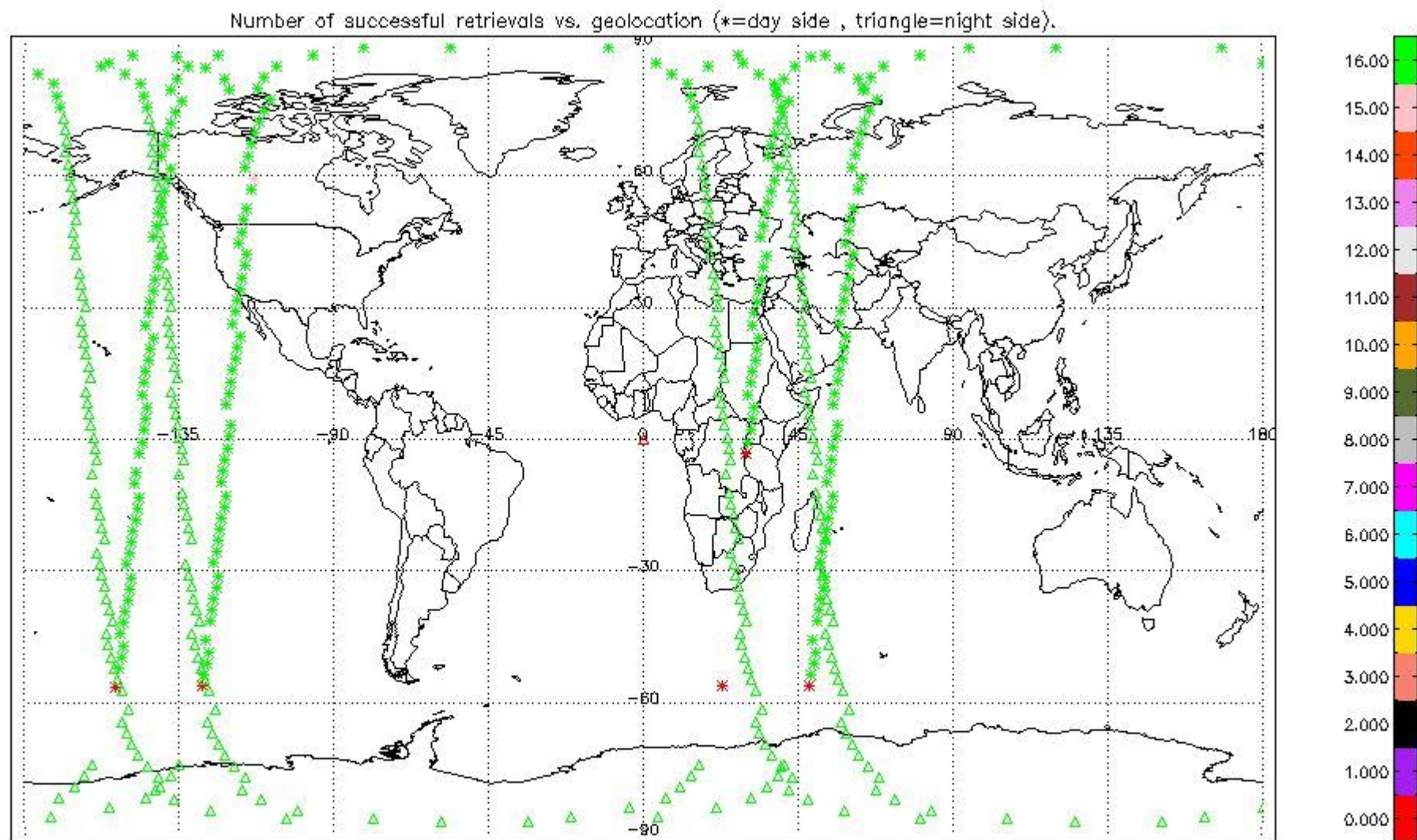
2.2 Processing performance indicators

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.

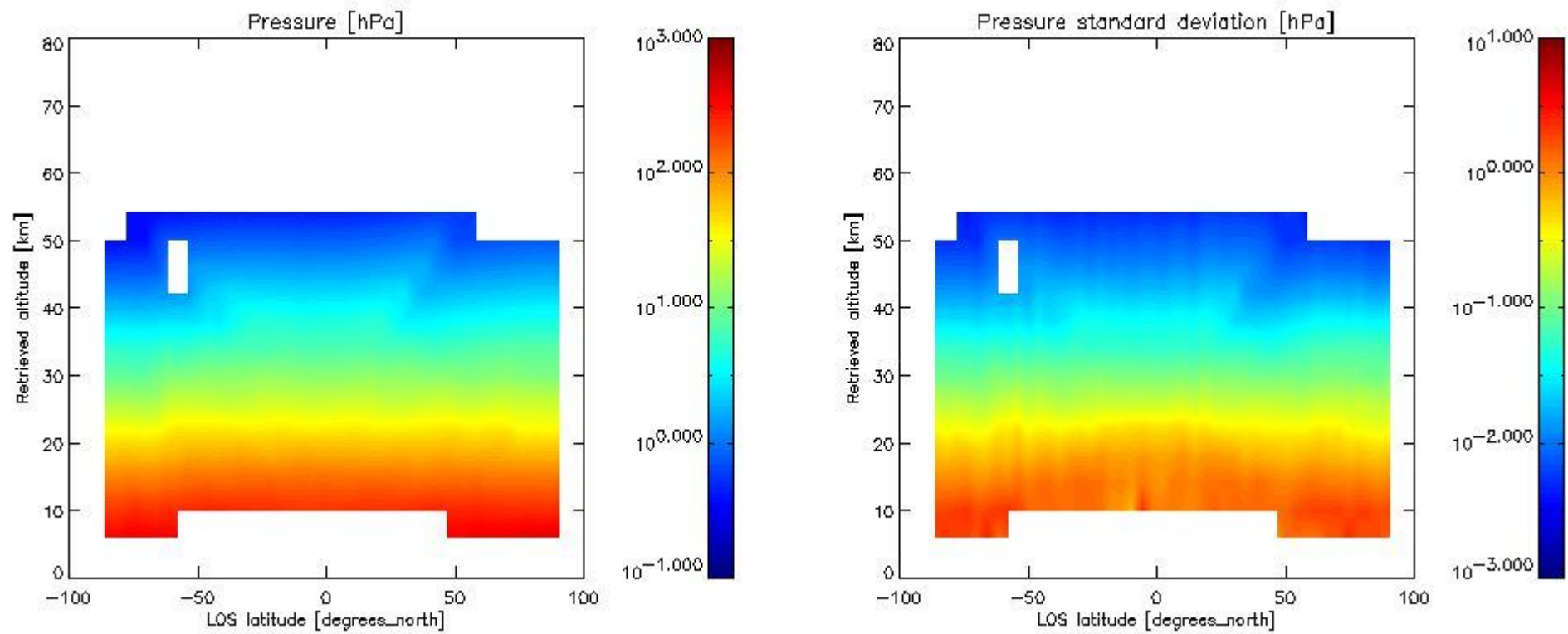
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	506	497	98.221
H2O	506	497	98.221
O3	506	497	98.221
HNO3	506	497	98.221

CH4	506	497	98.221
N2O	506	497	98.221
NO2	506	497	98.221
F11	506	497	98.221
CLNO	506	497	98.221
N2O5	506	497	98.221
F12	506	496	98.024
COF2	506	497	98.221
CCL4	506	497	98.221
HCN	506	497	98.221
F14	506	497	98.221
F22	506	497	98.221



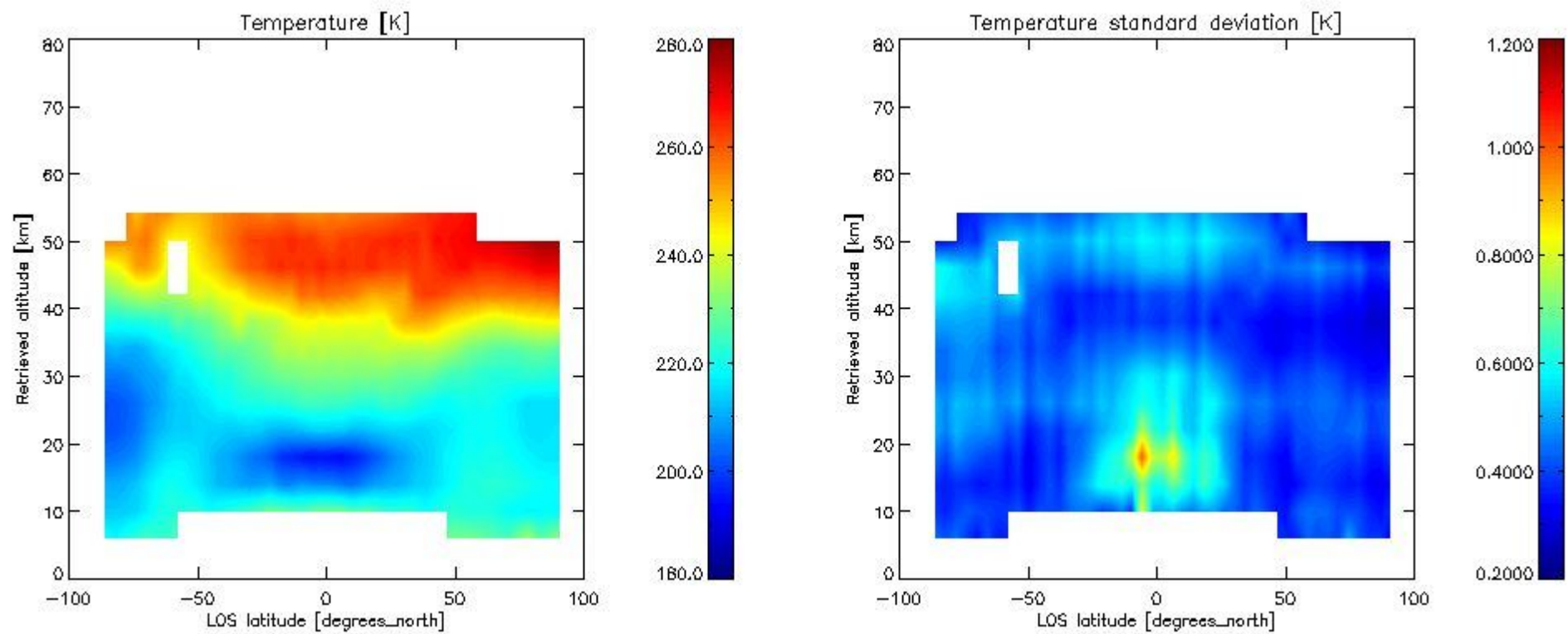
2.2.2 Pressure overview

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



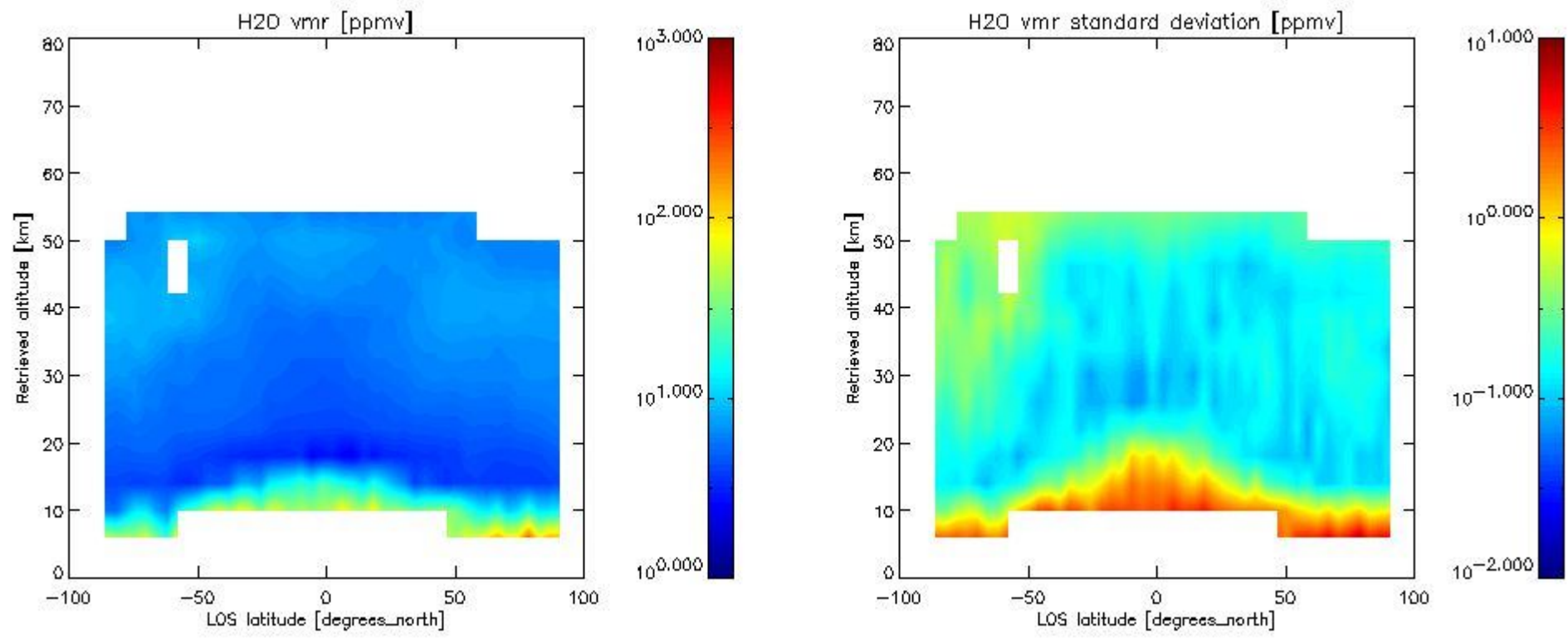
2.2.3 Temperature overview

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

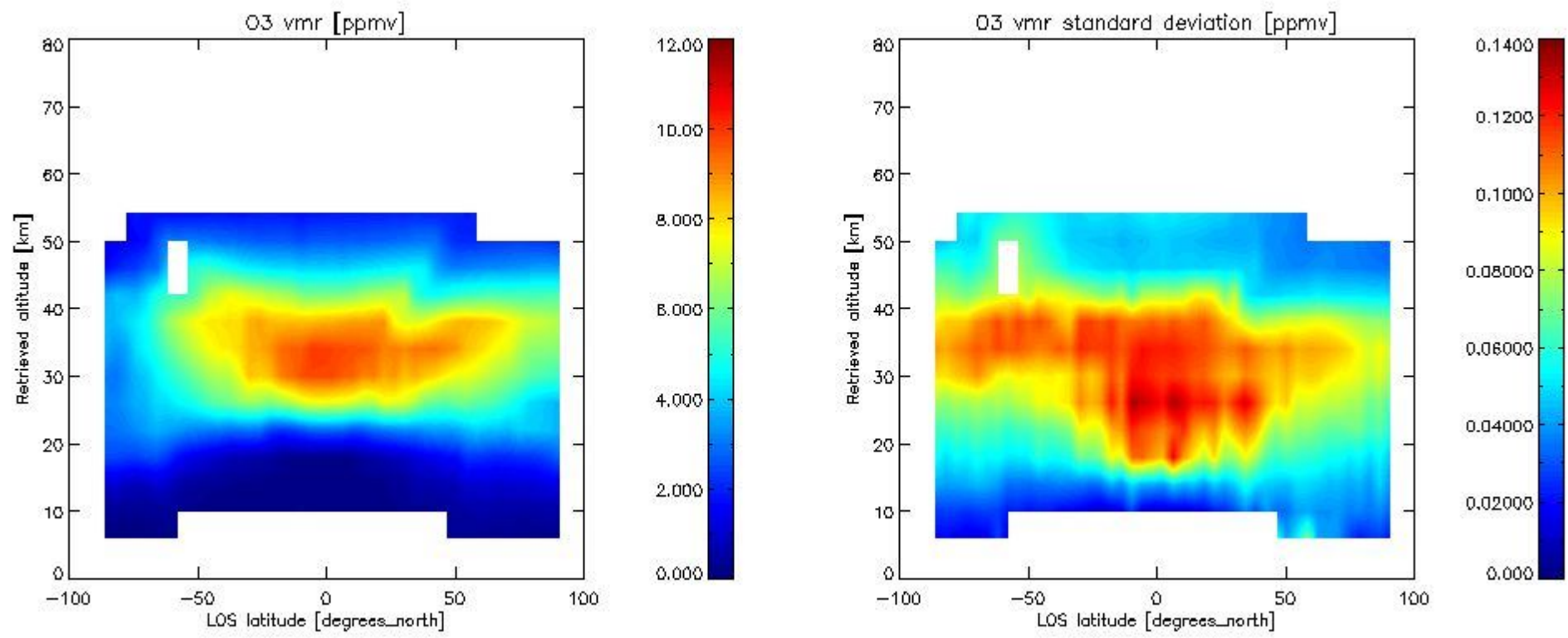


2.2.4 Species overview

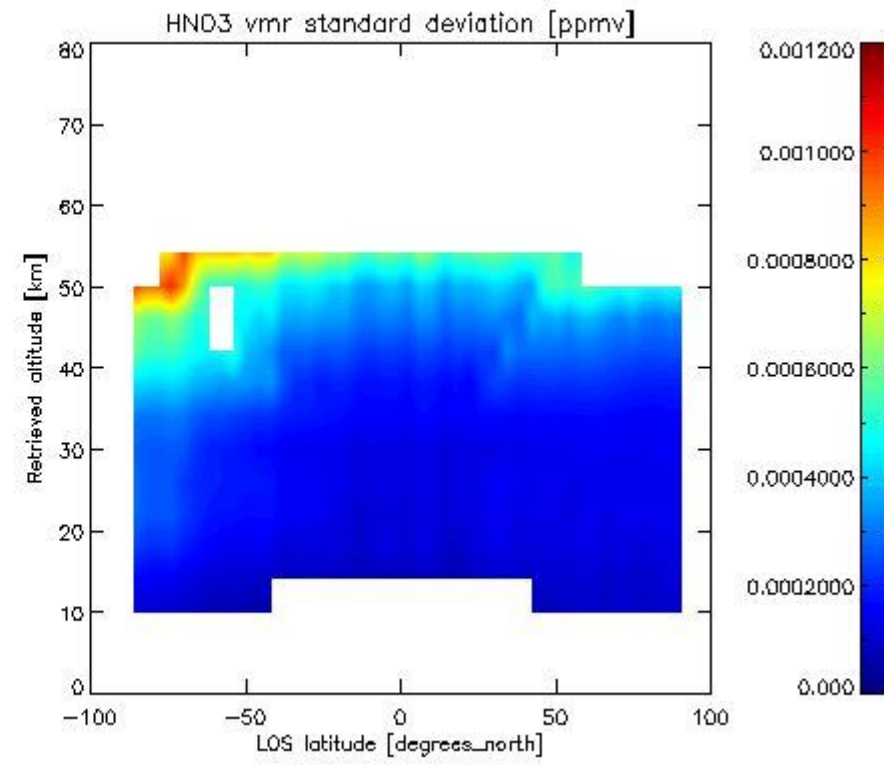
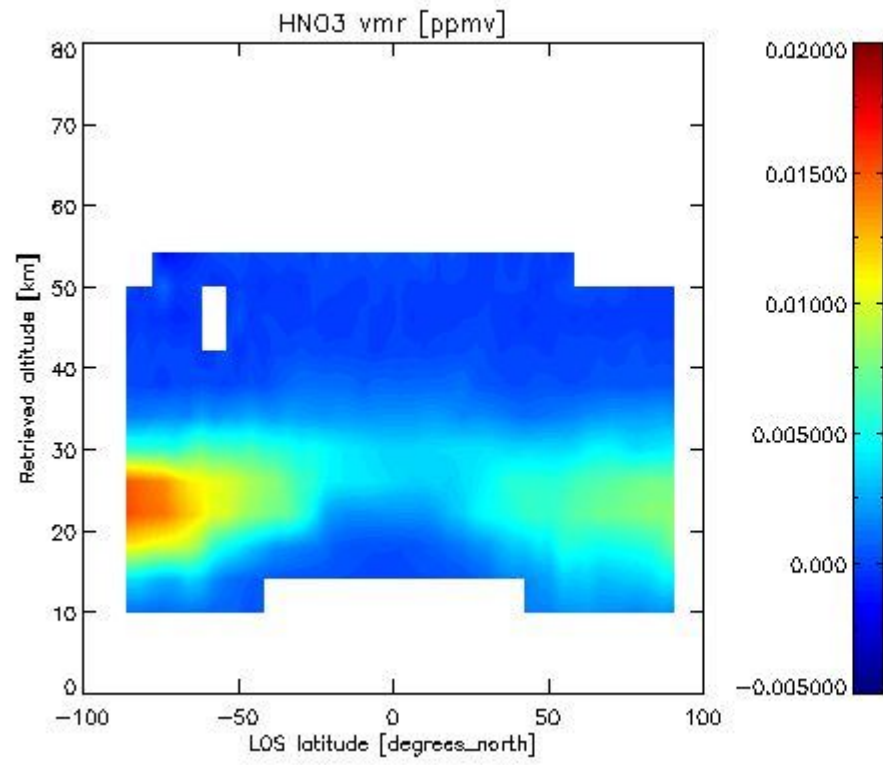
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



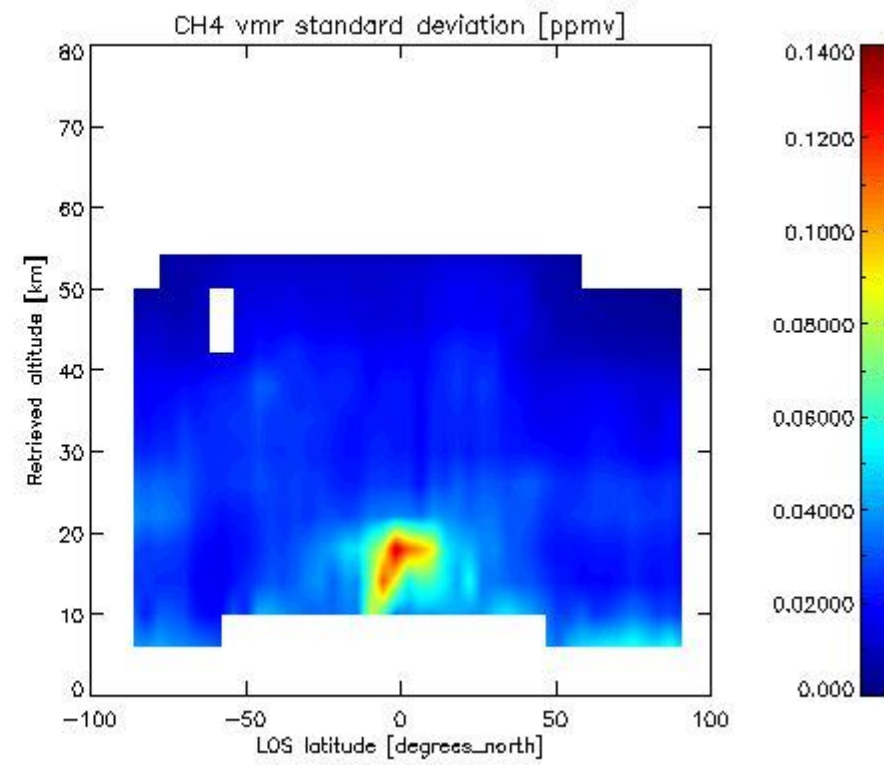
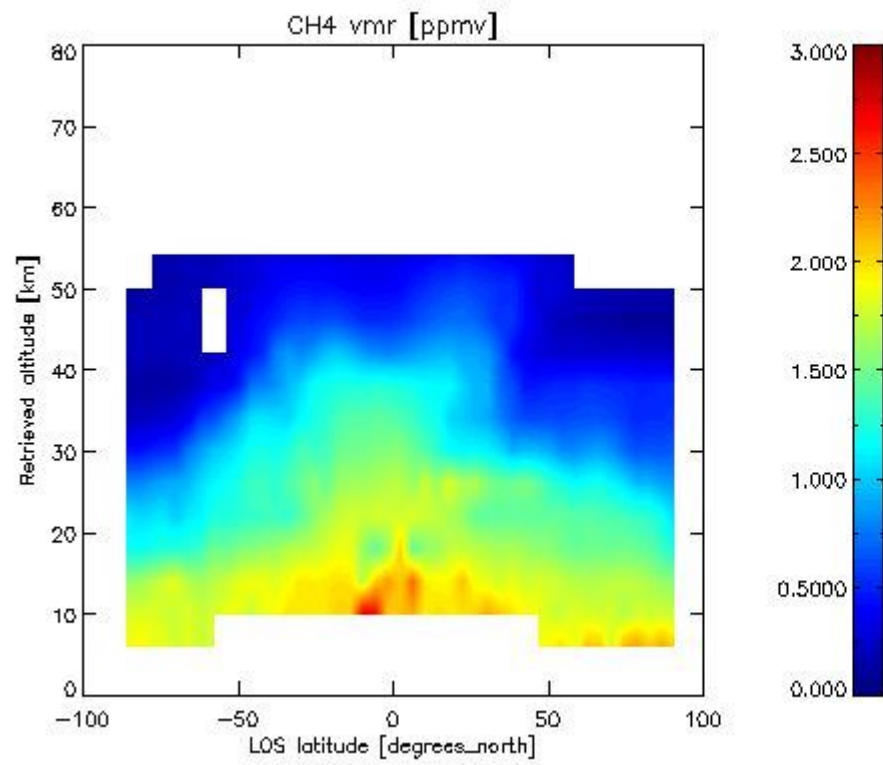
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



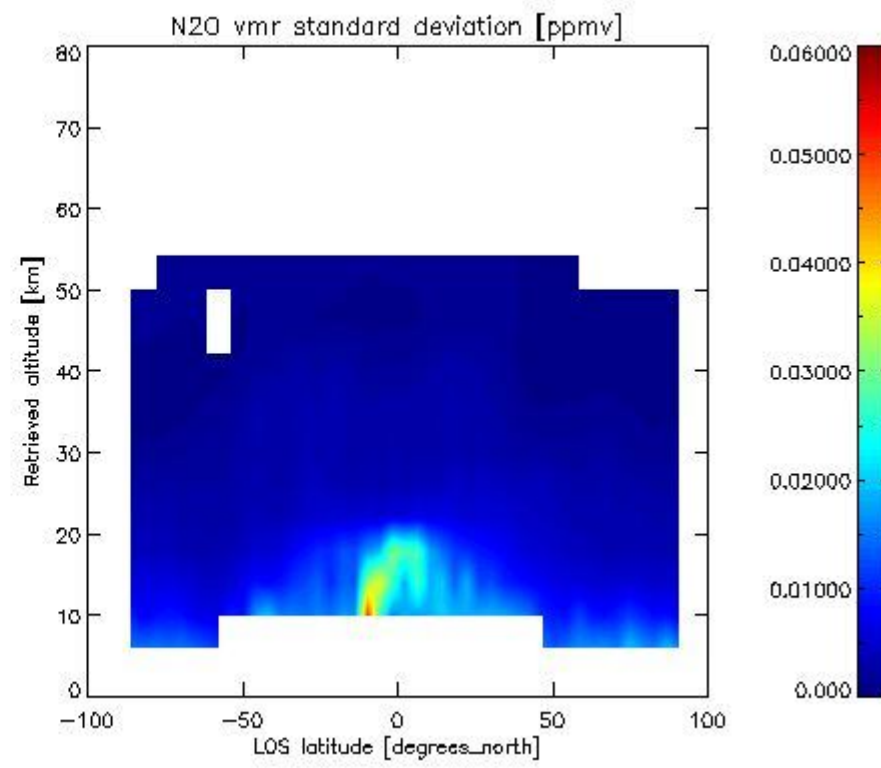
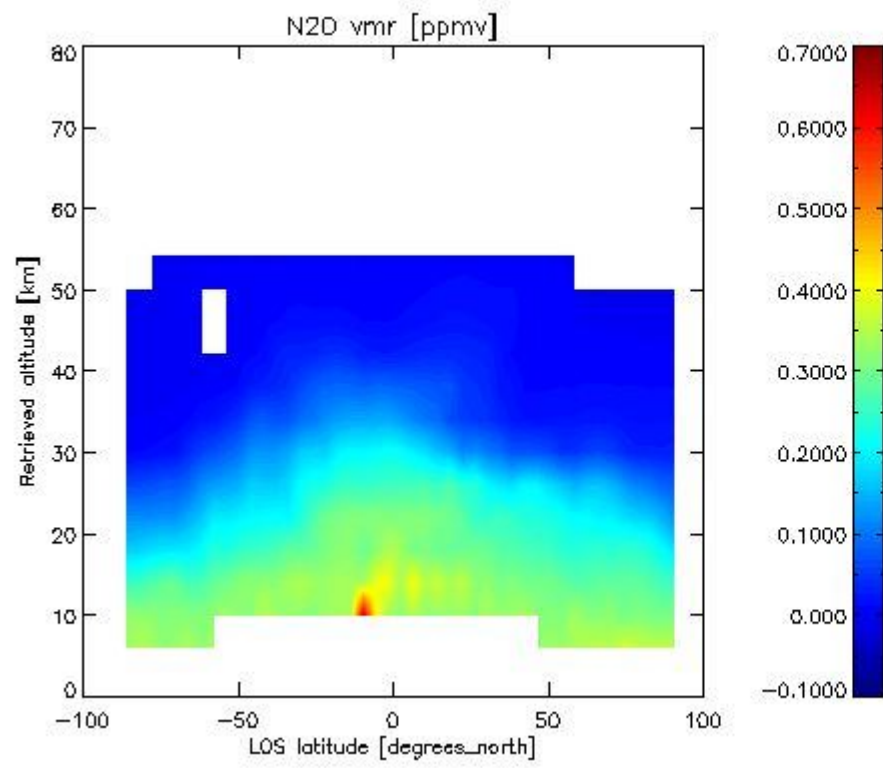
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



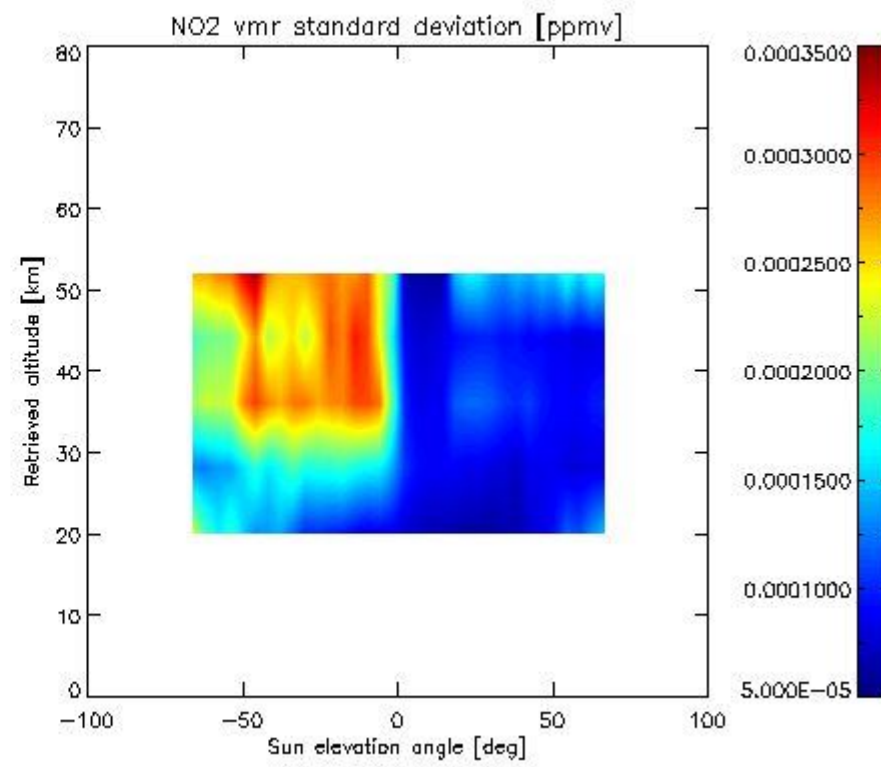
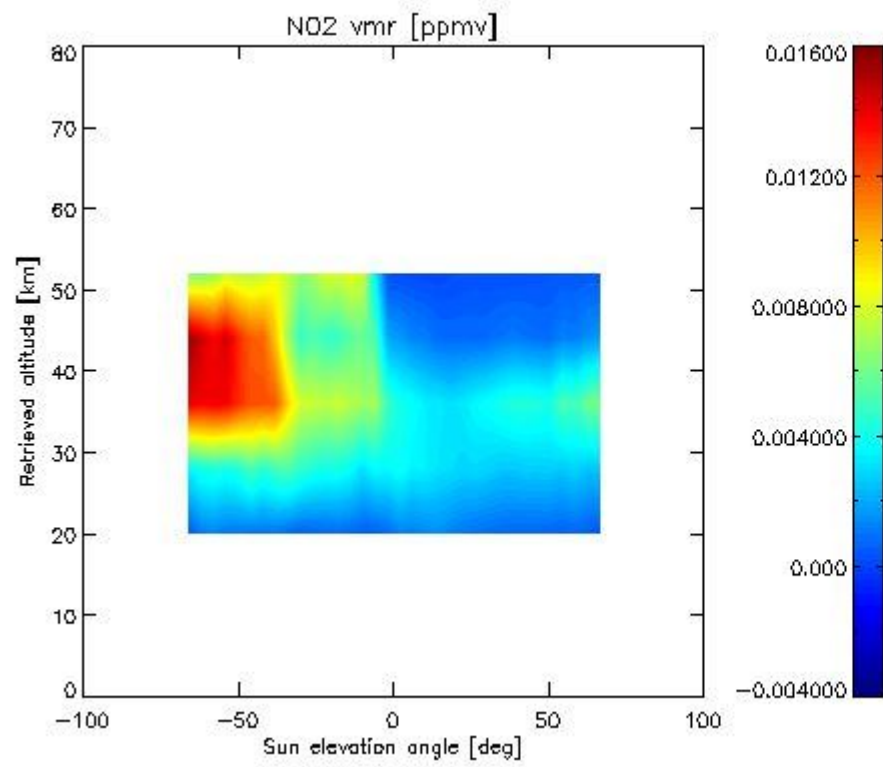
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



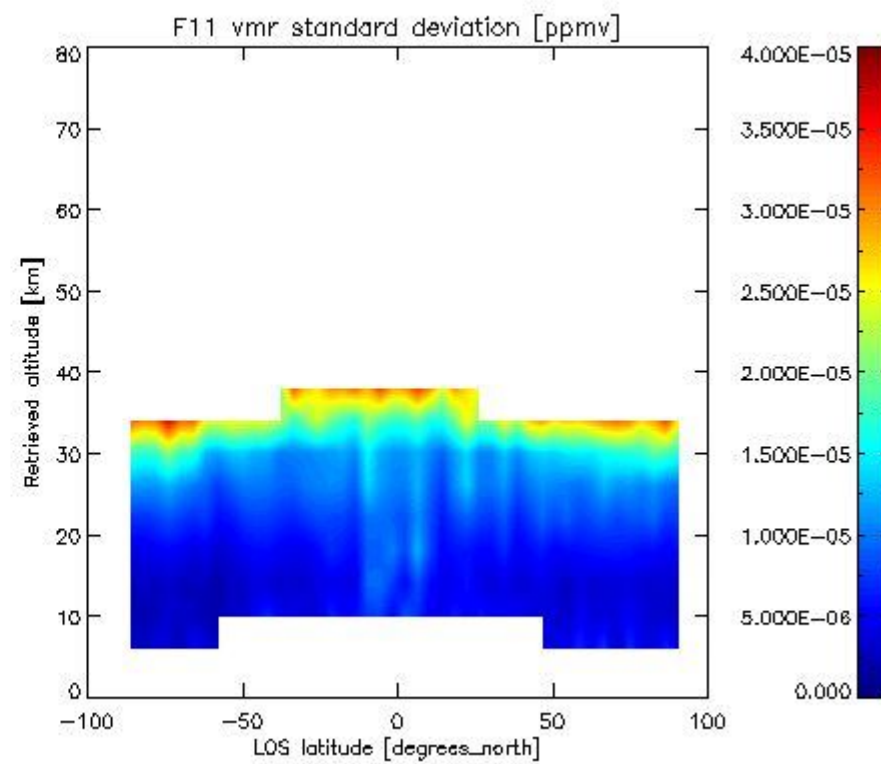
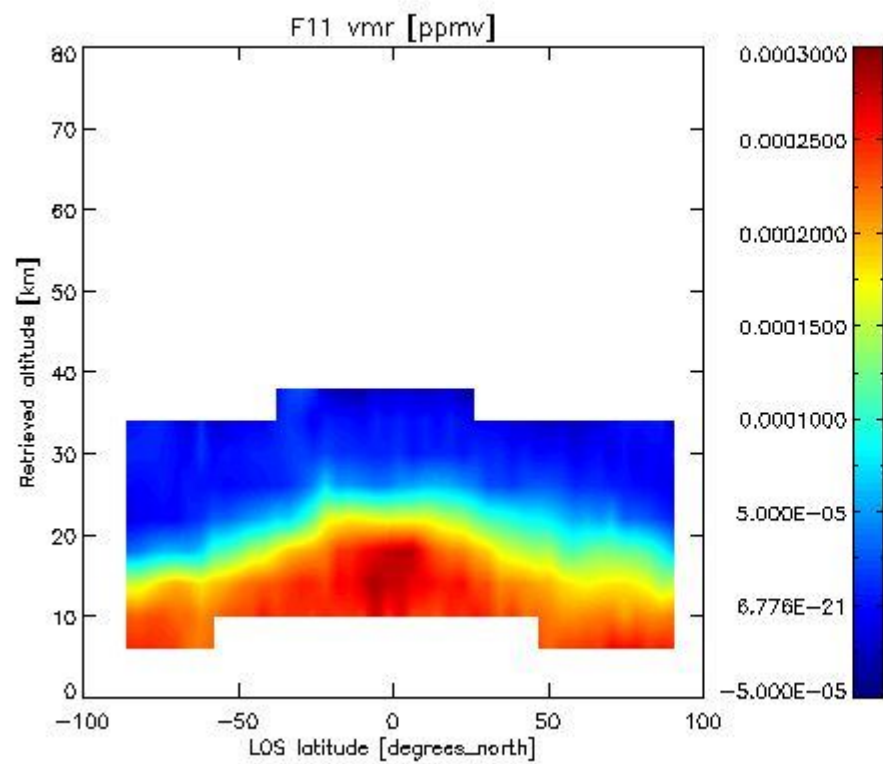
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



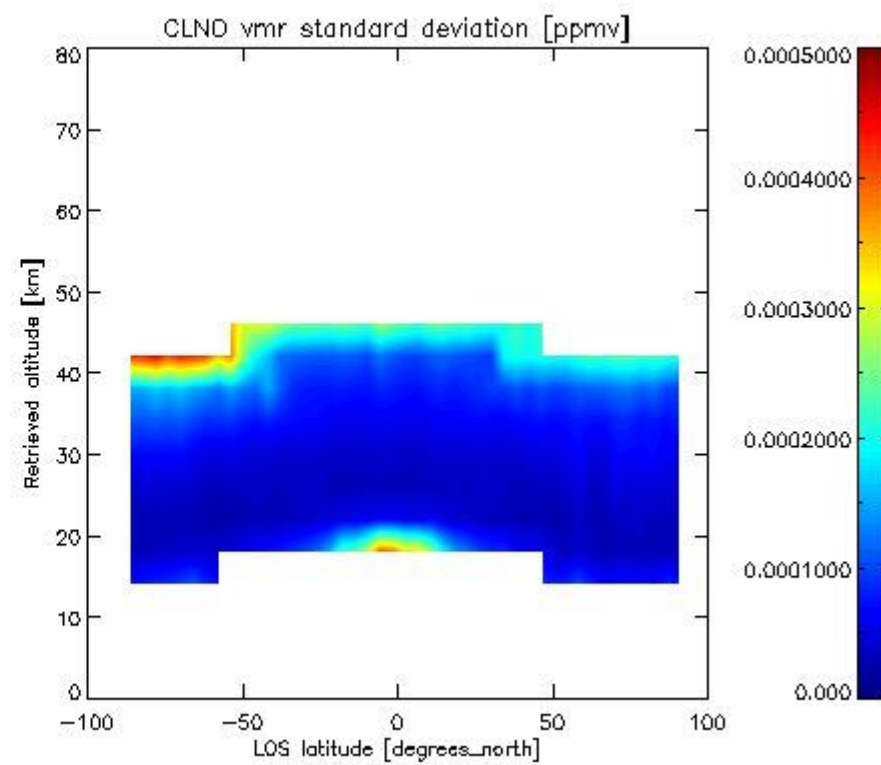
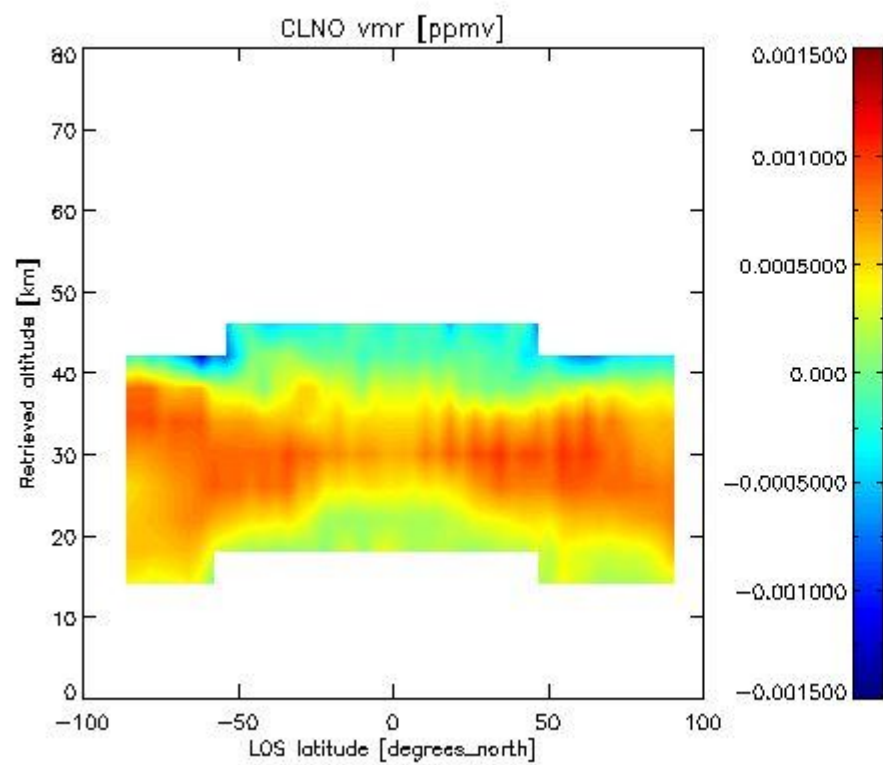
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

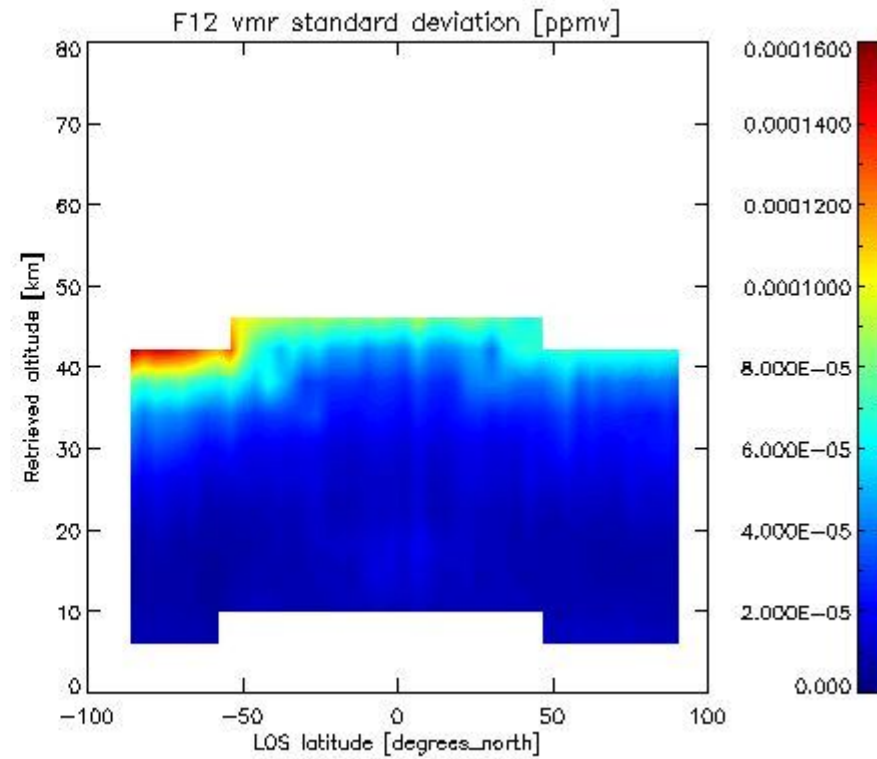
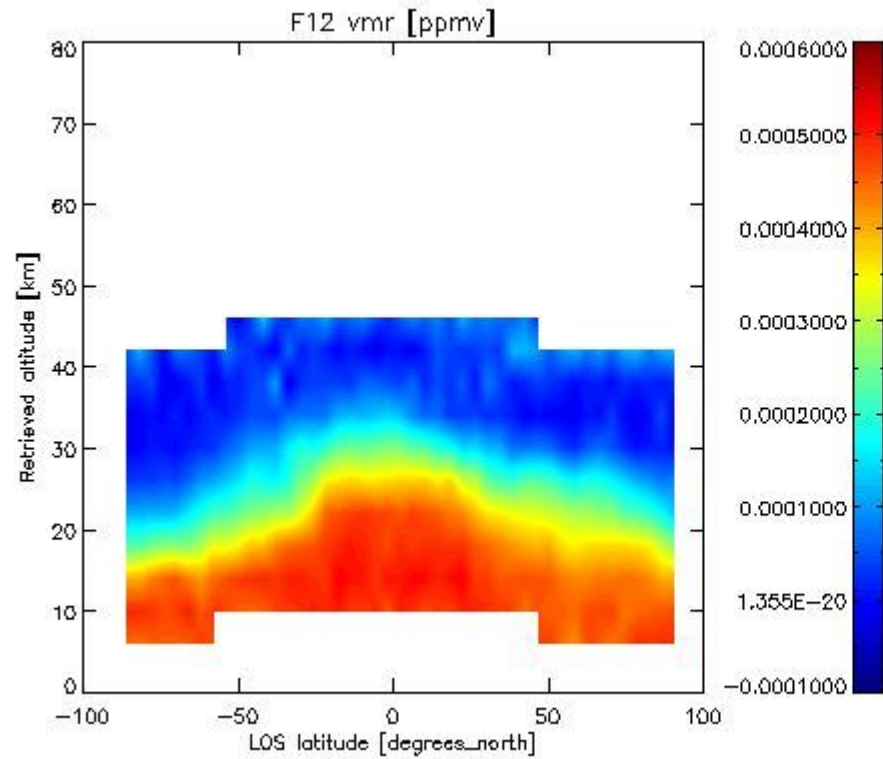
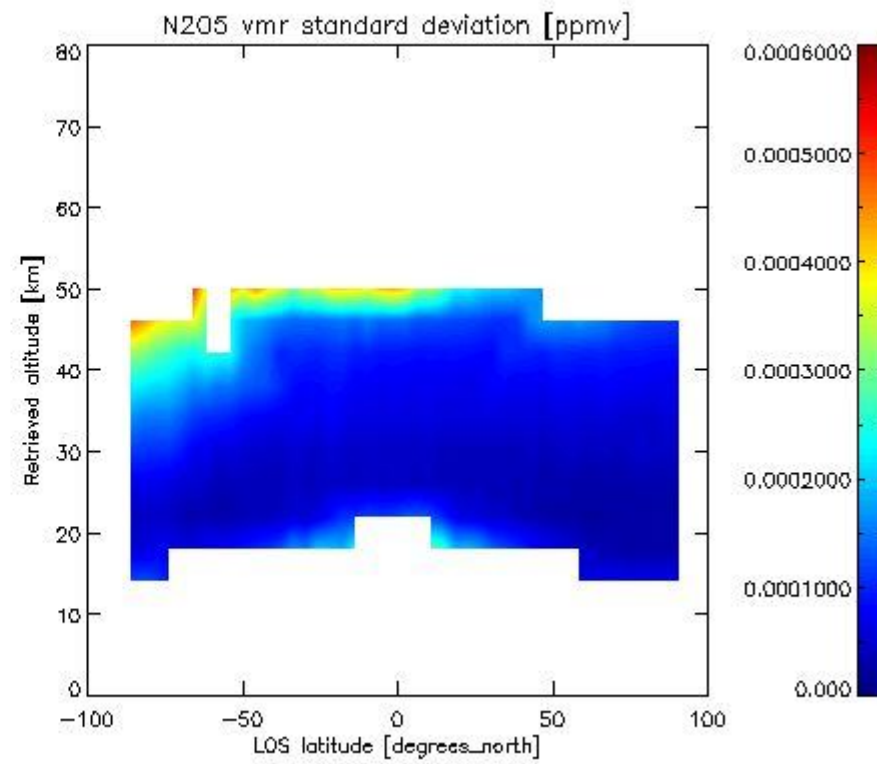
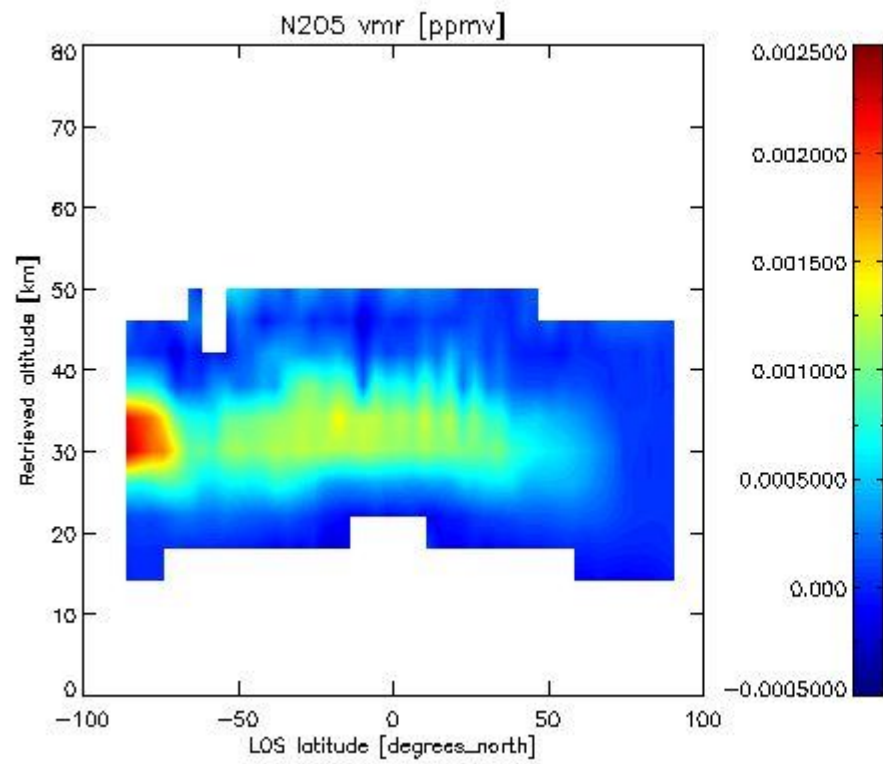


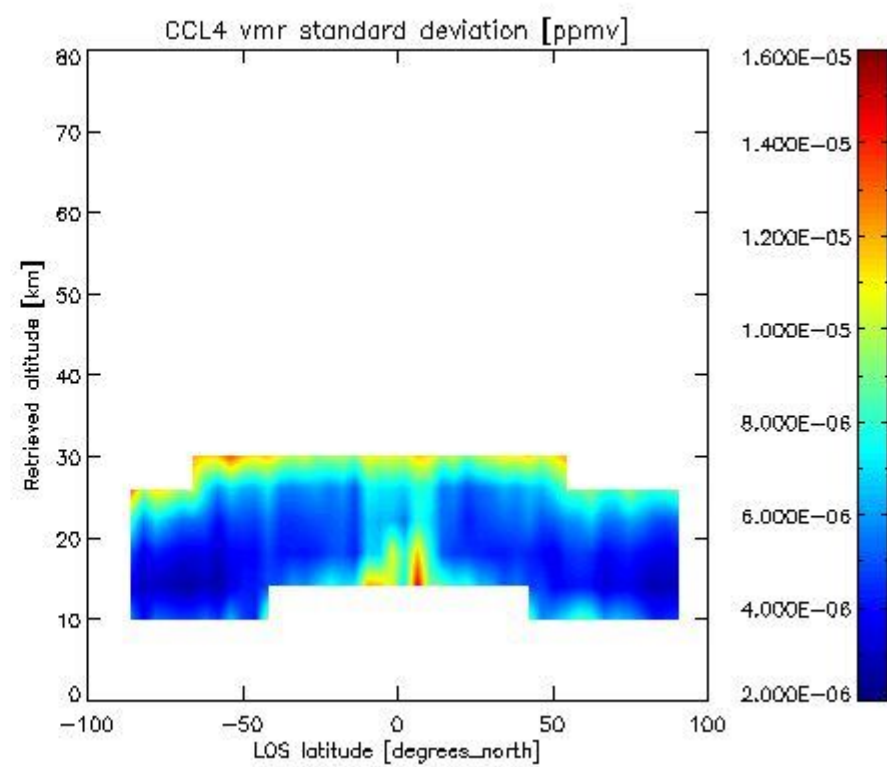
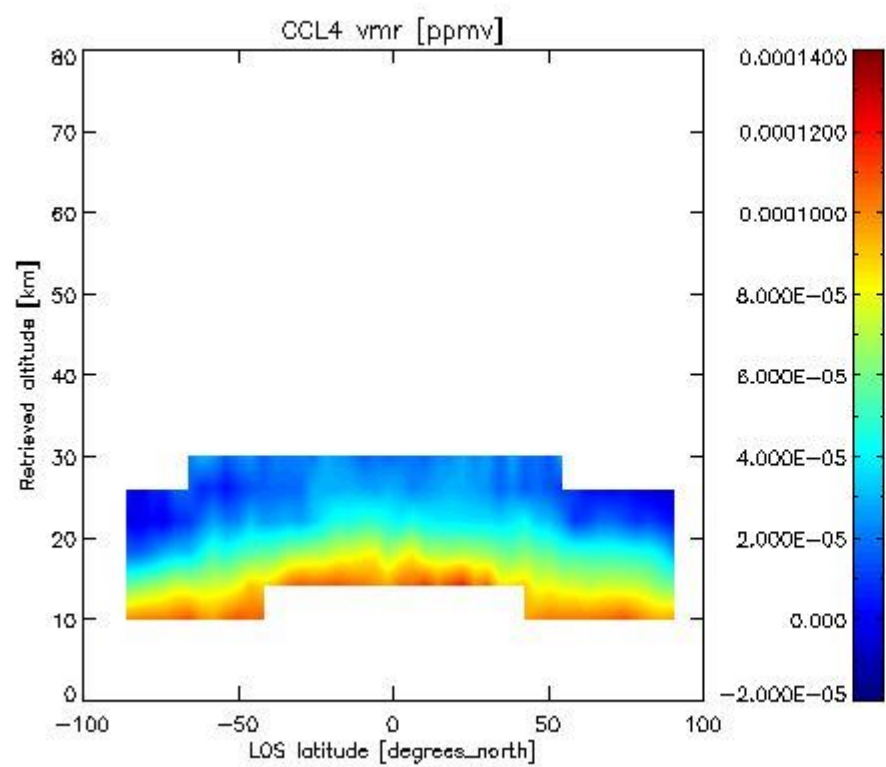
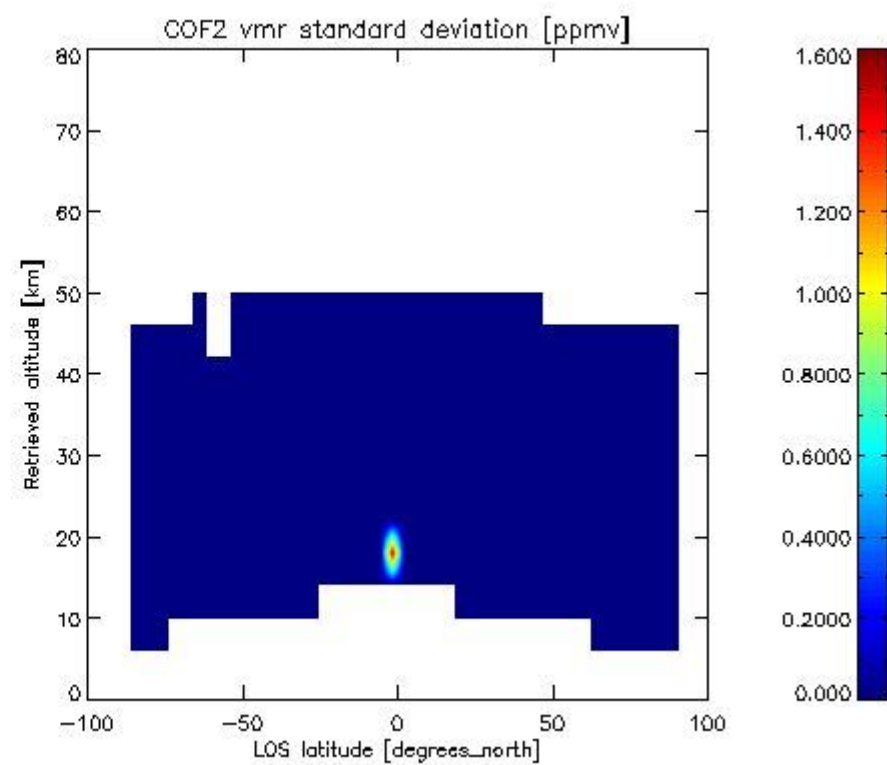
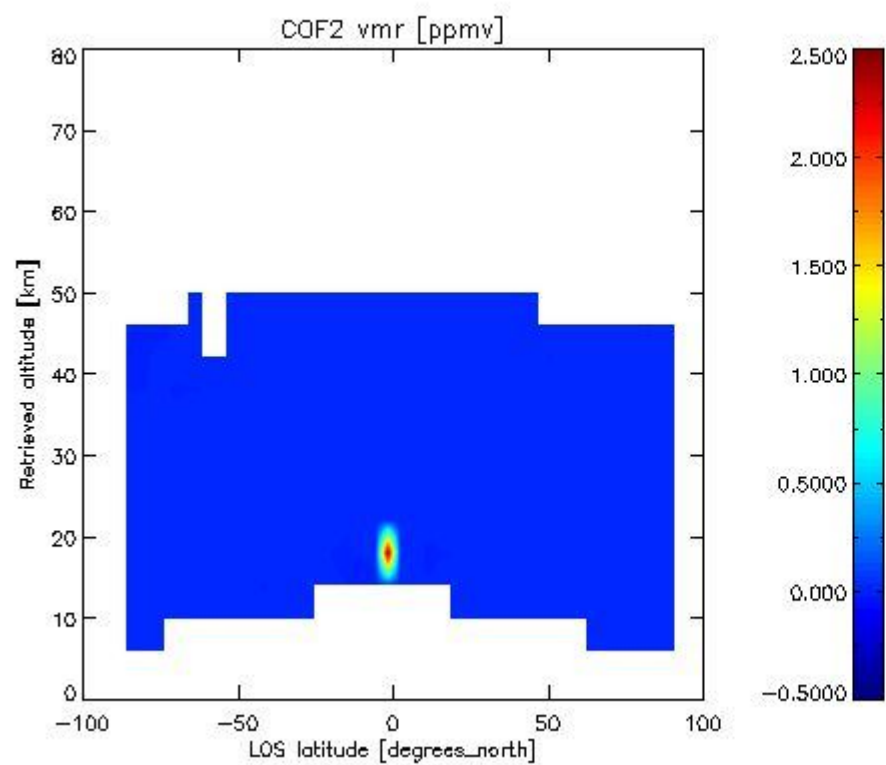
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

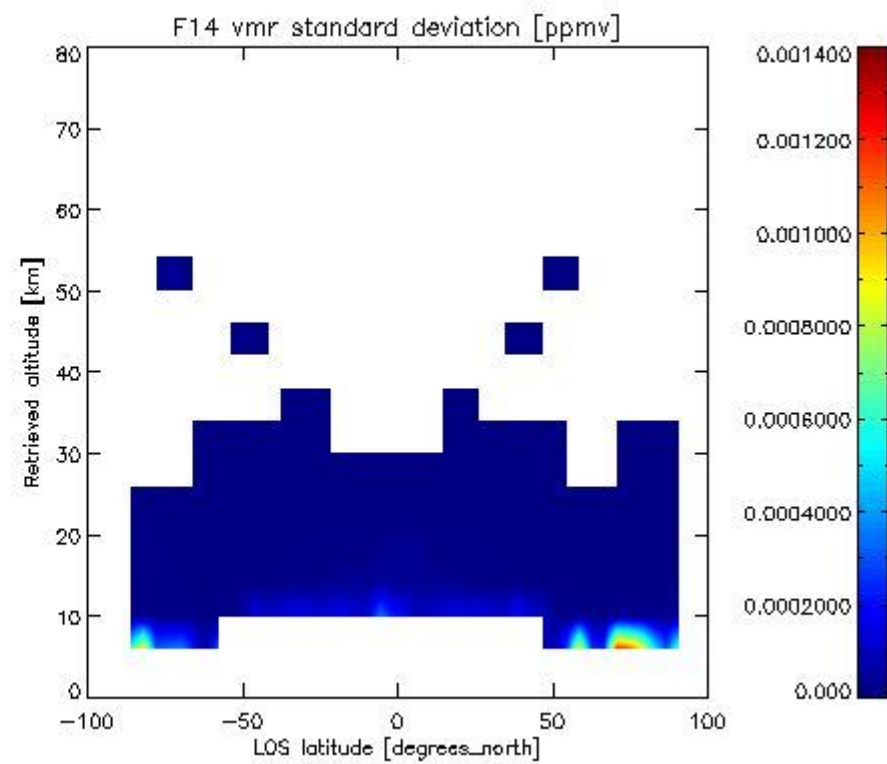
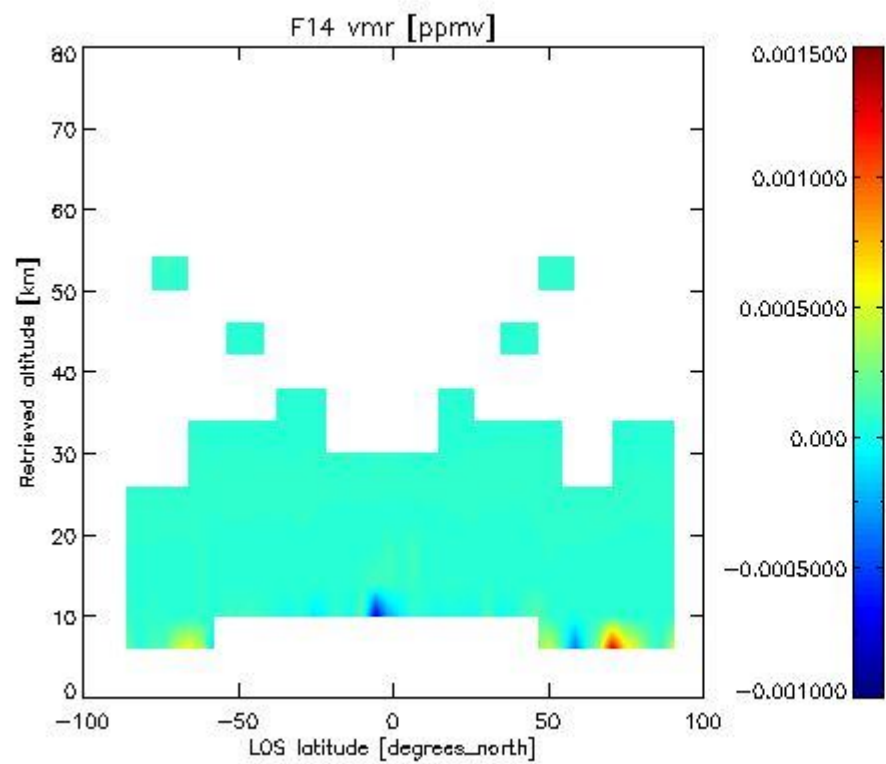
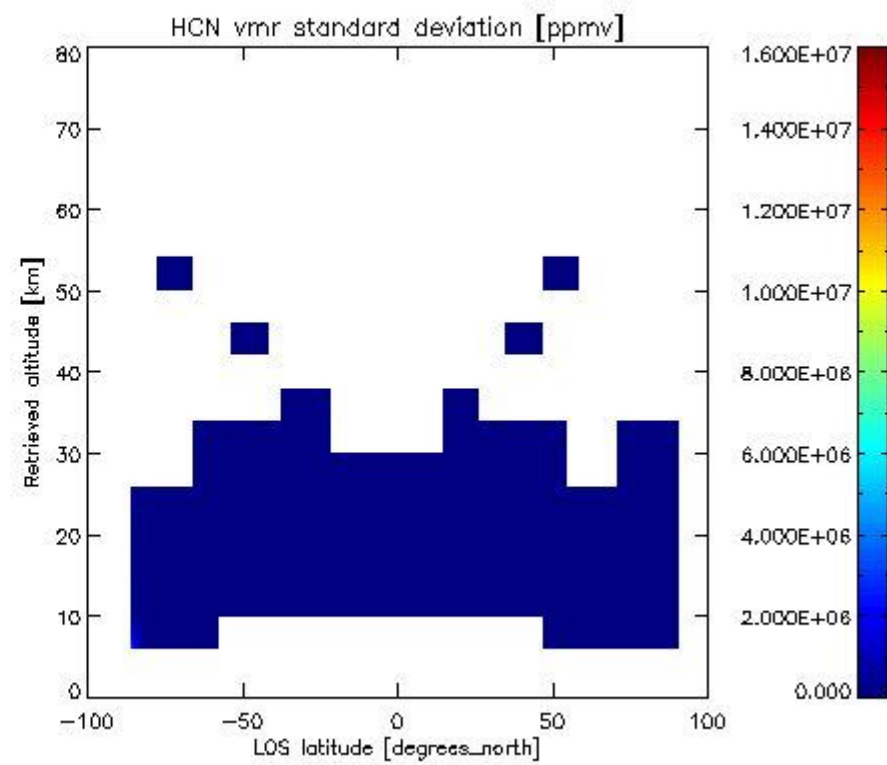
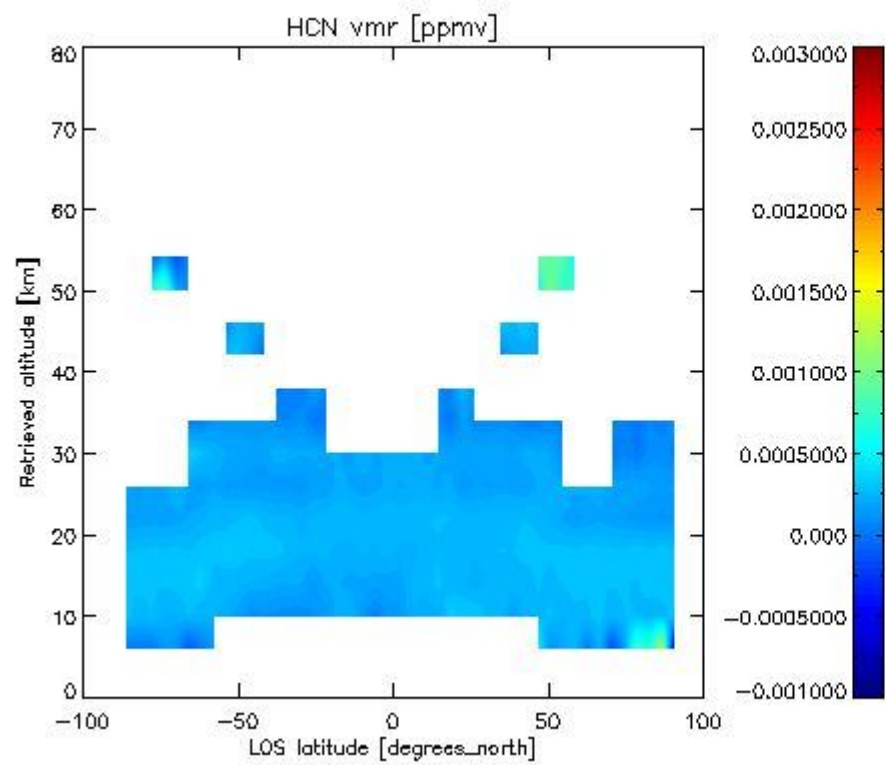


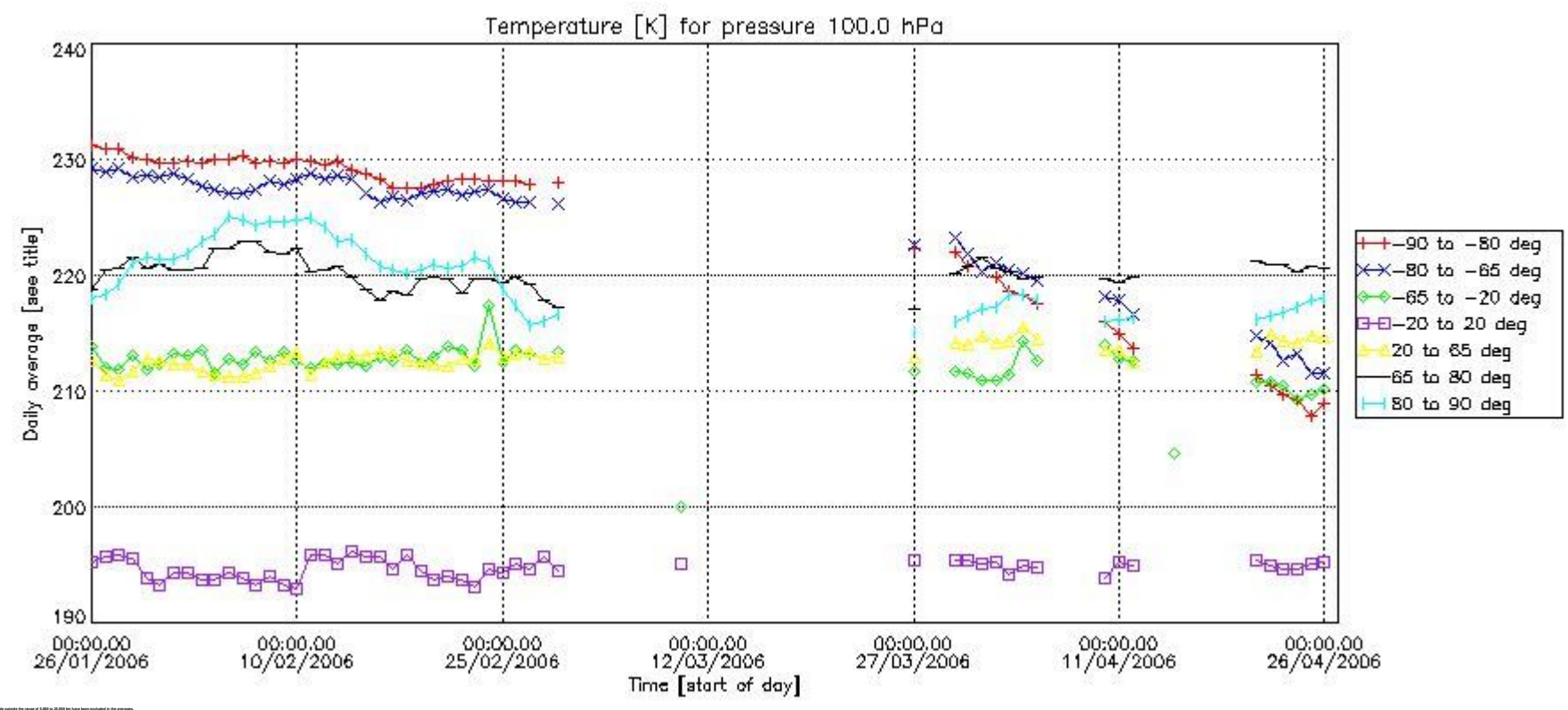
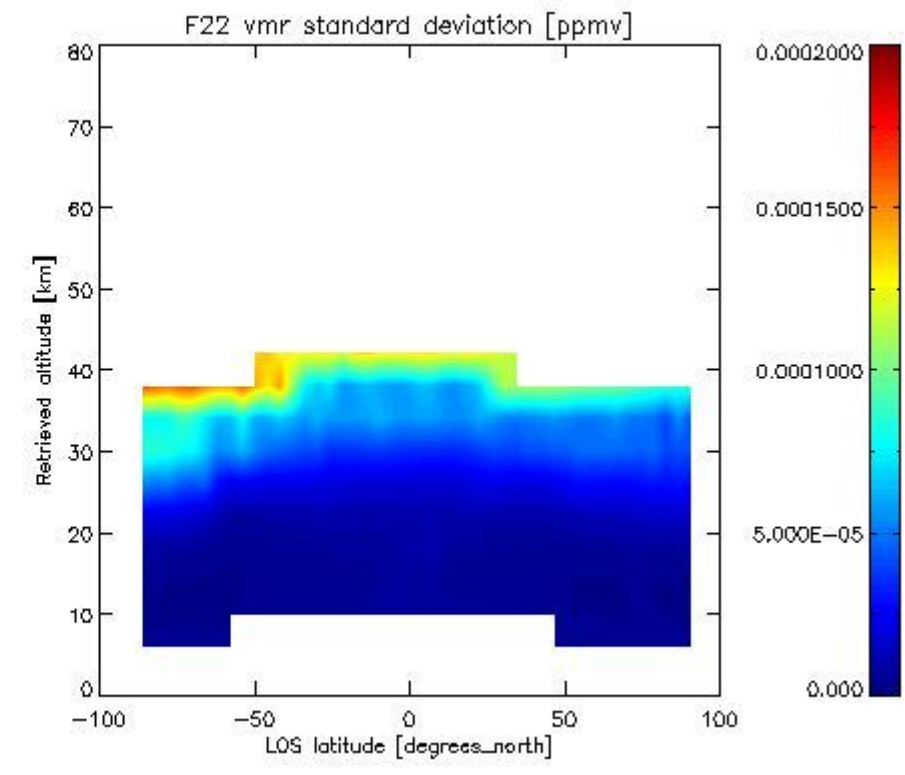
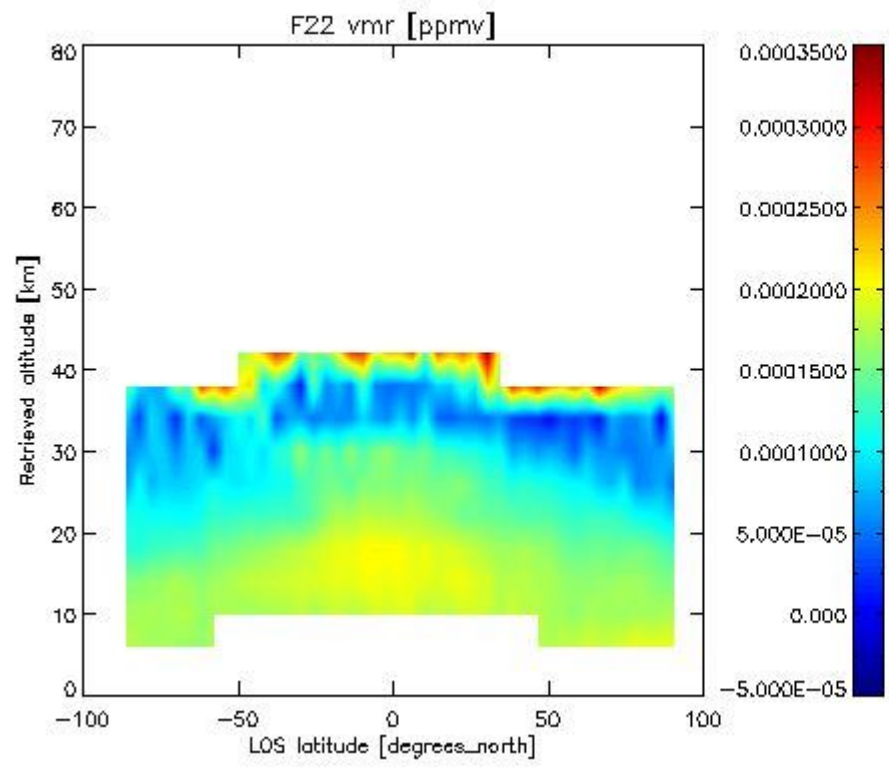
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

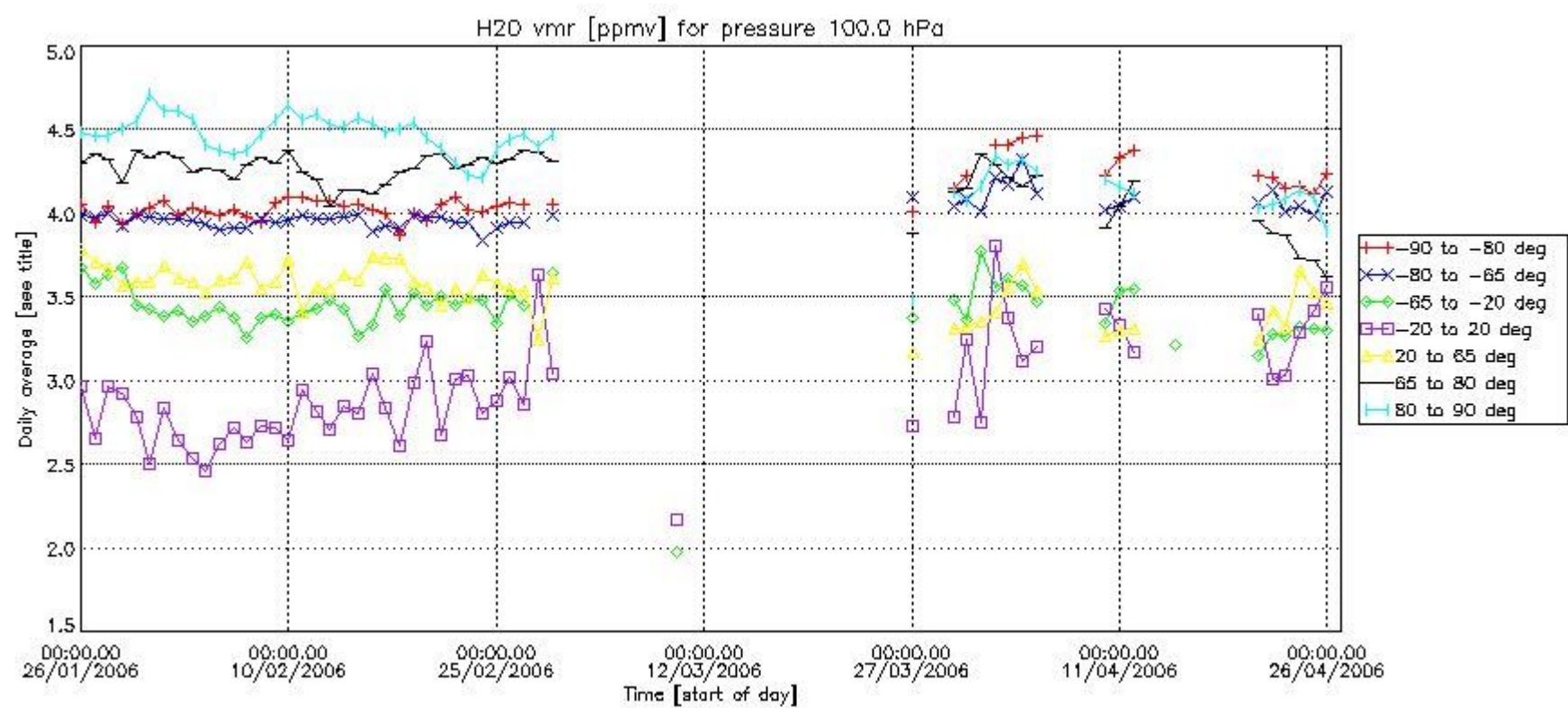
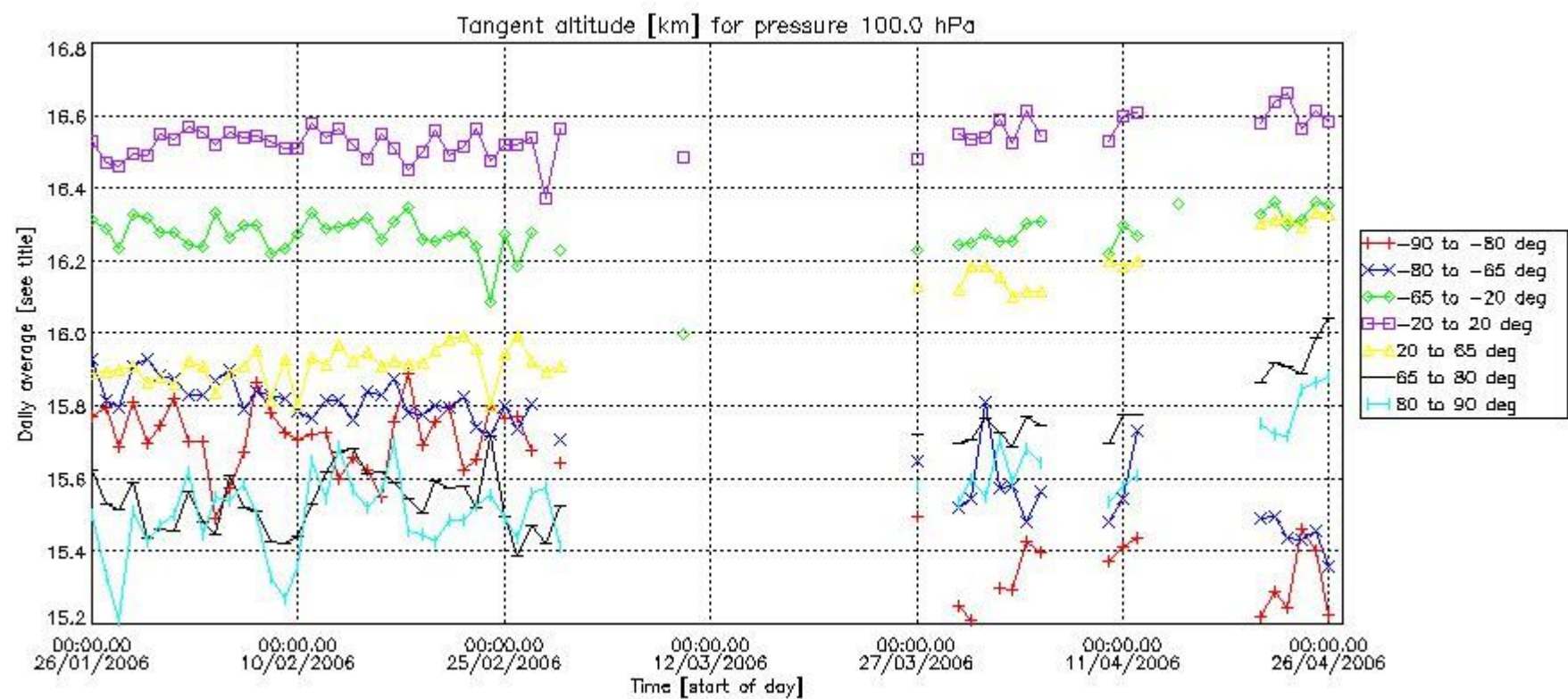


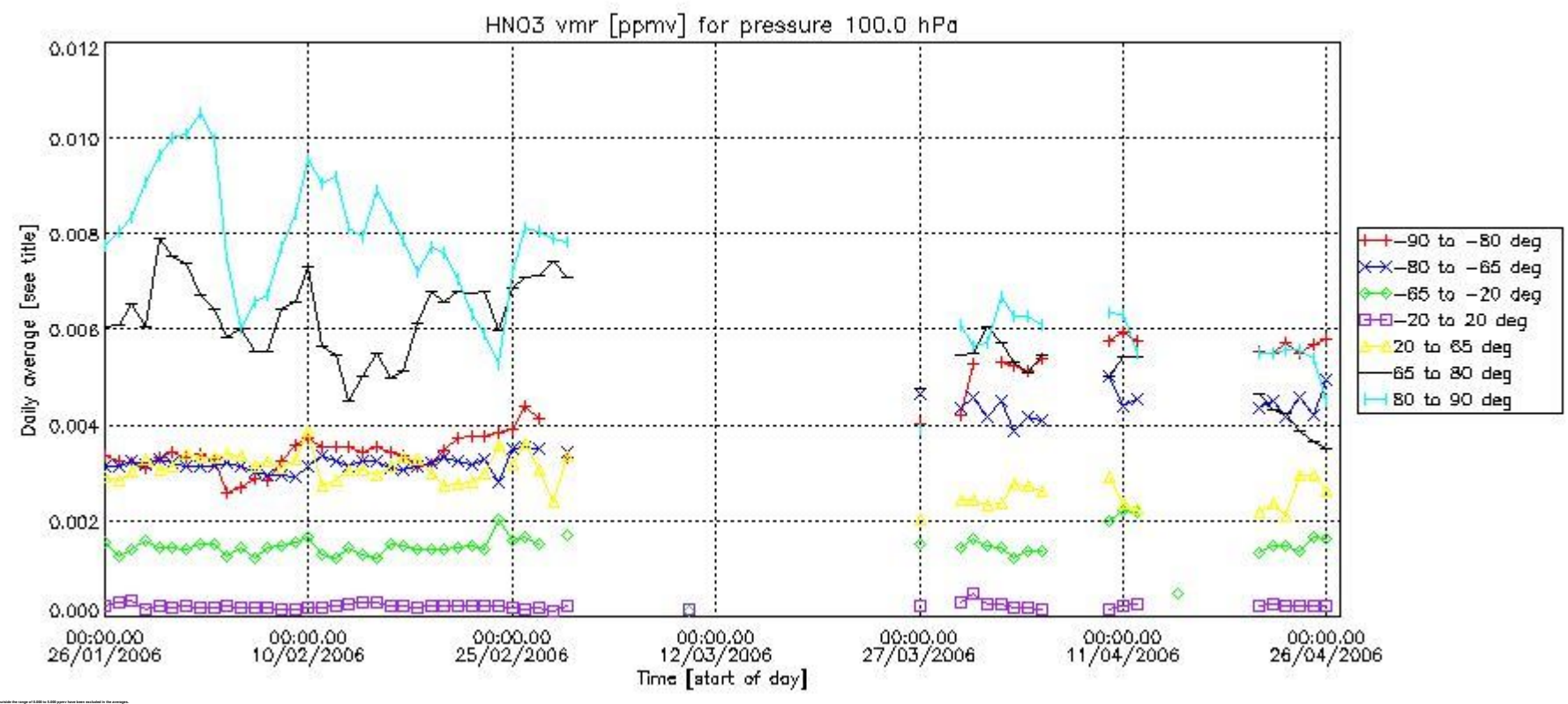
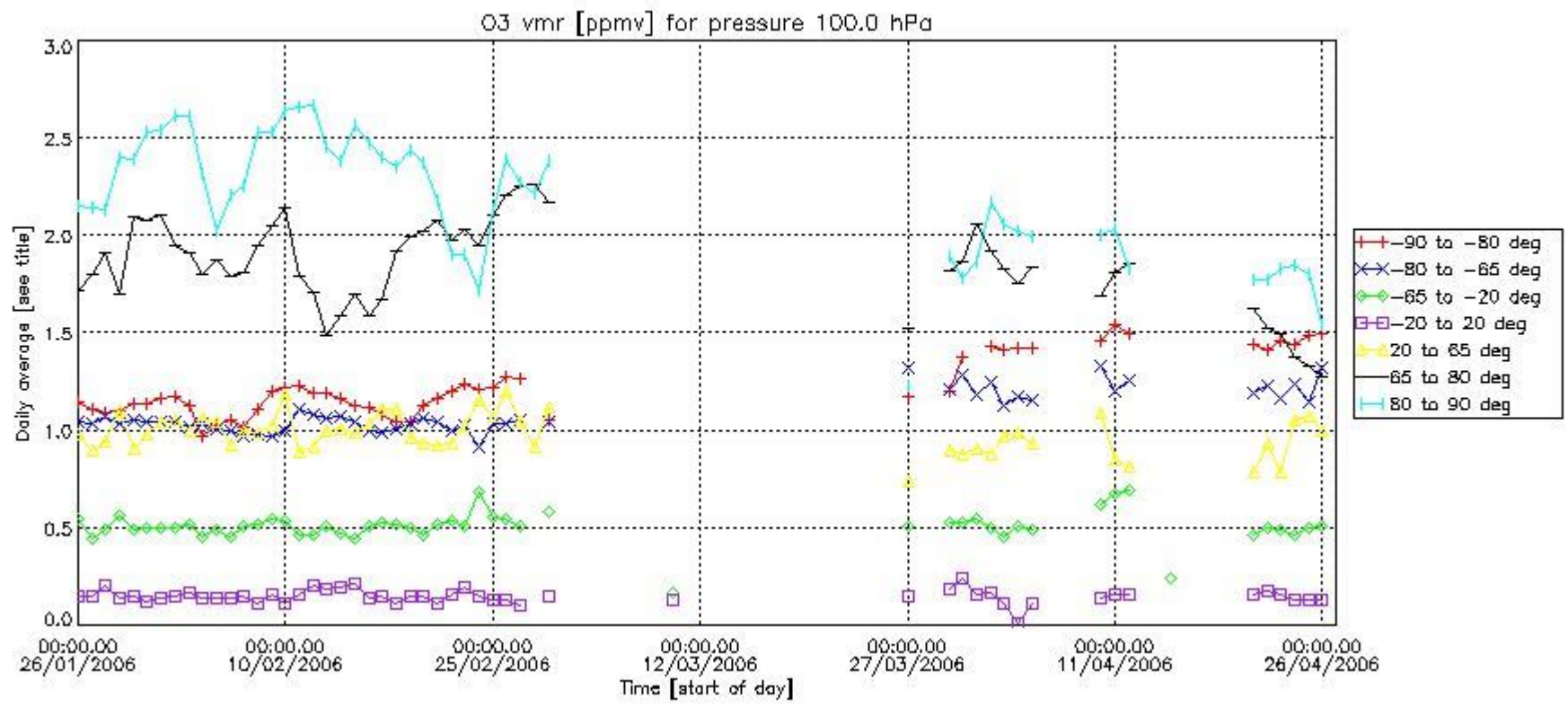


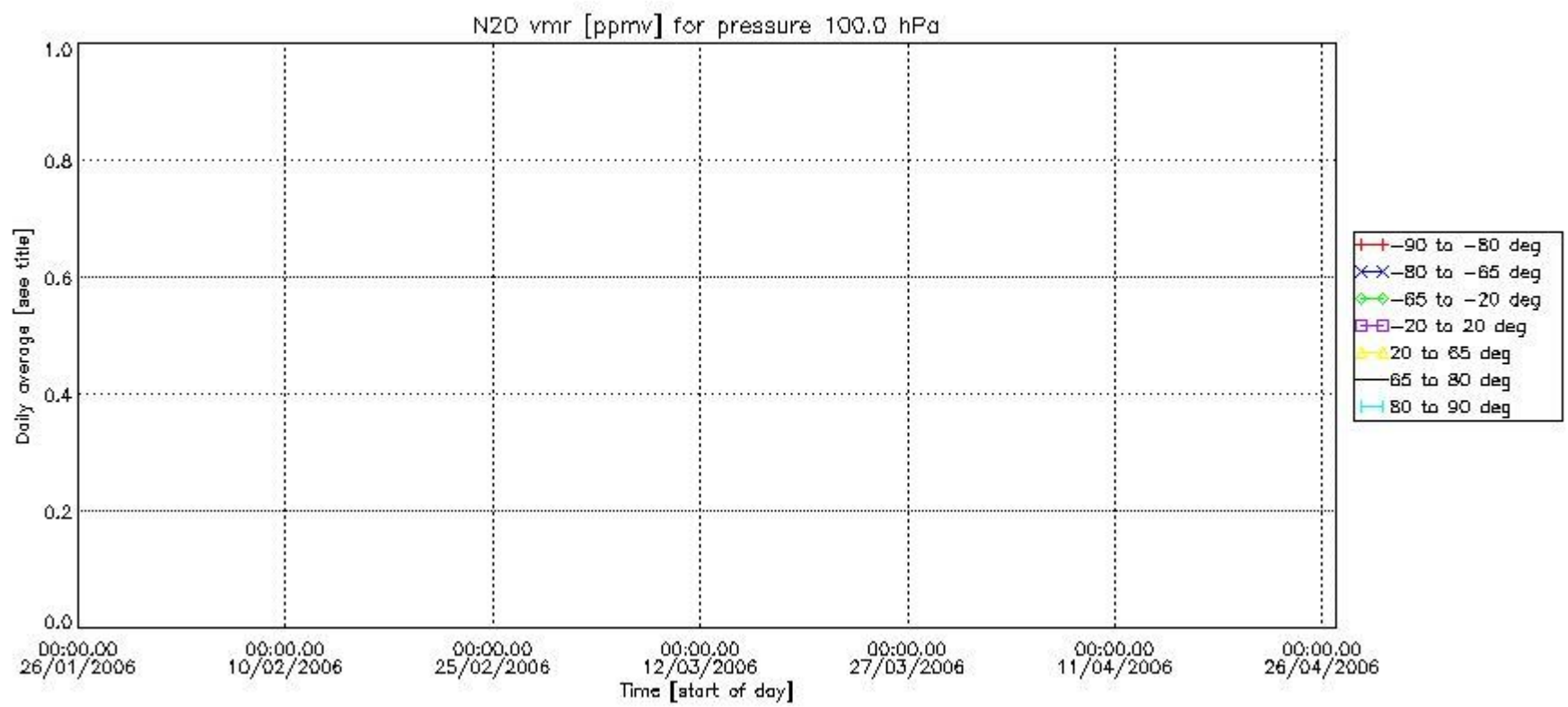
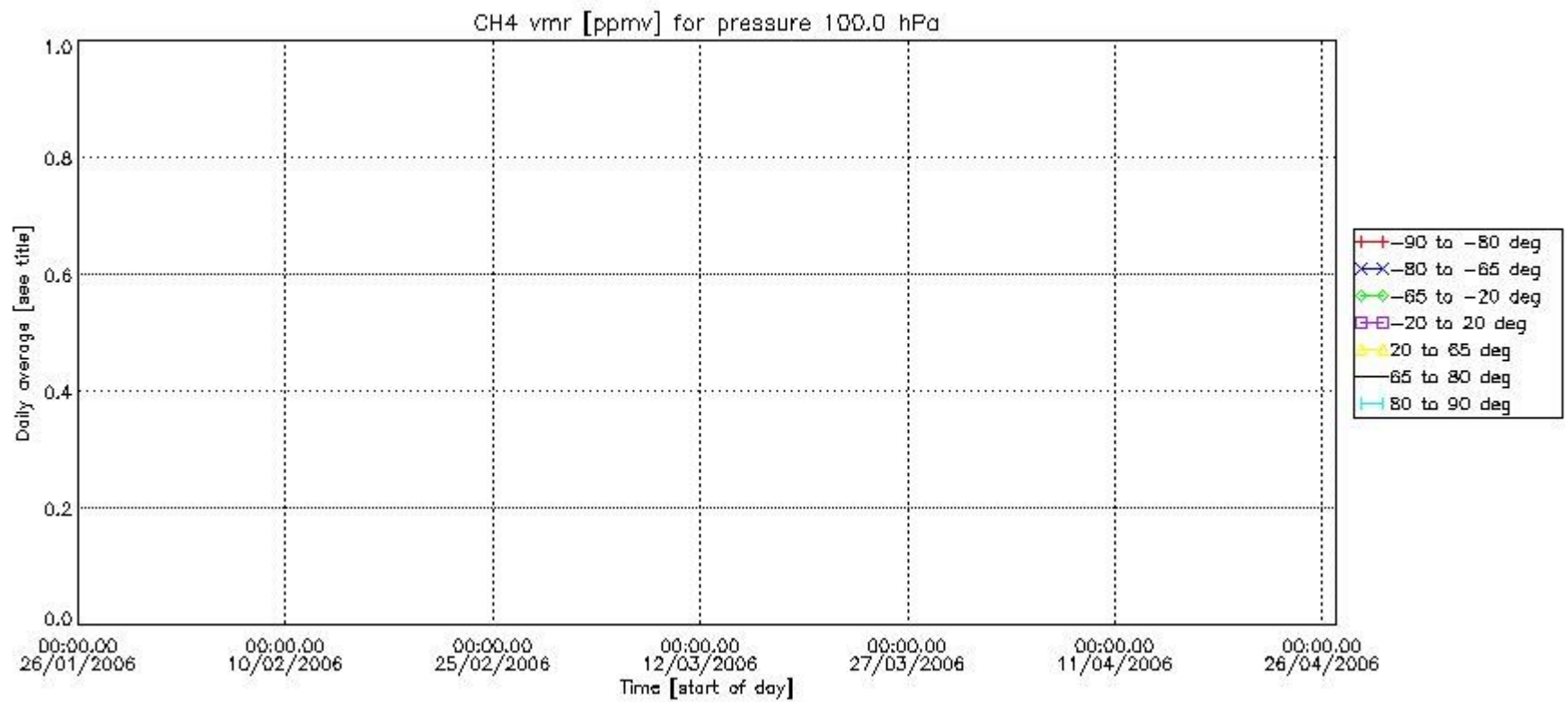


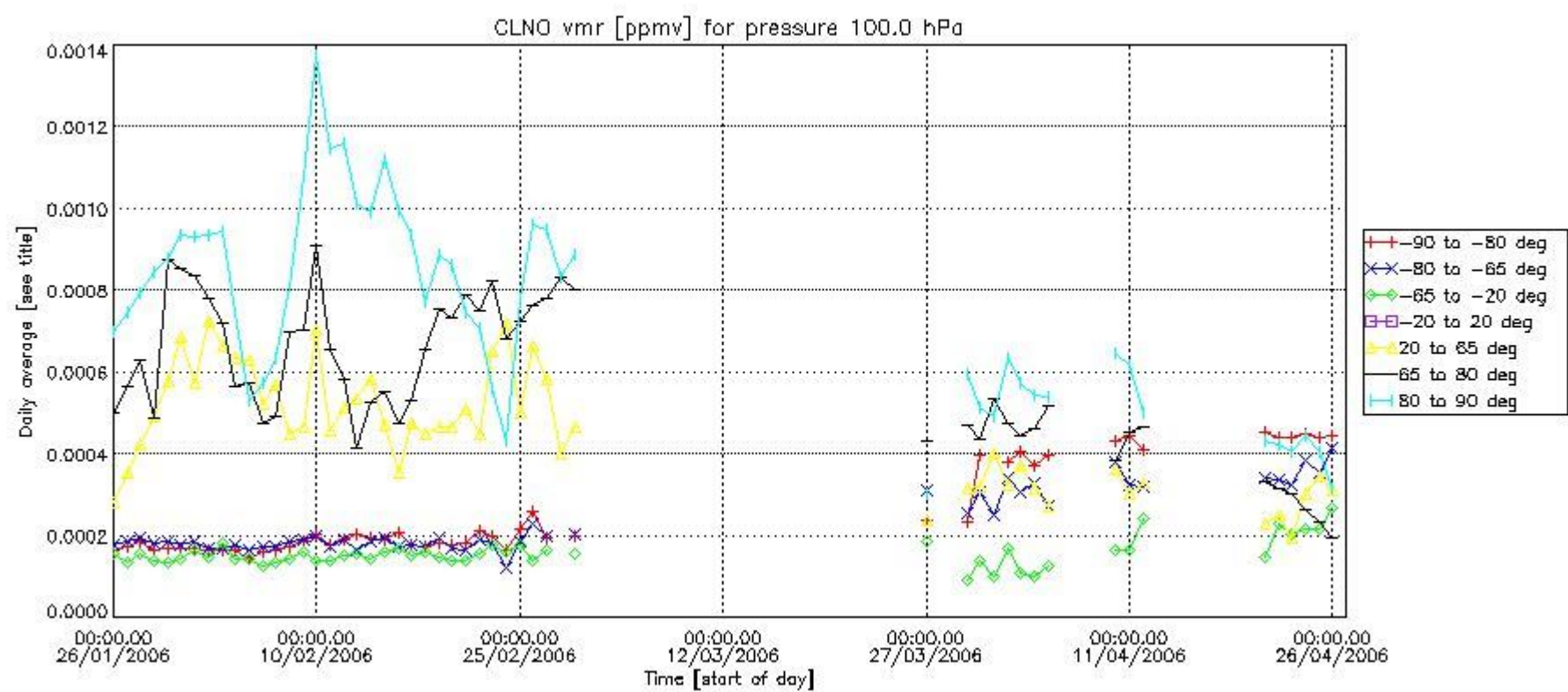
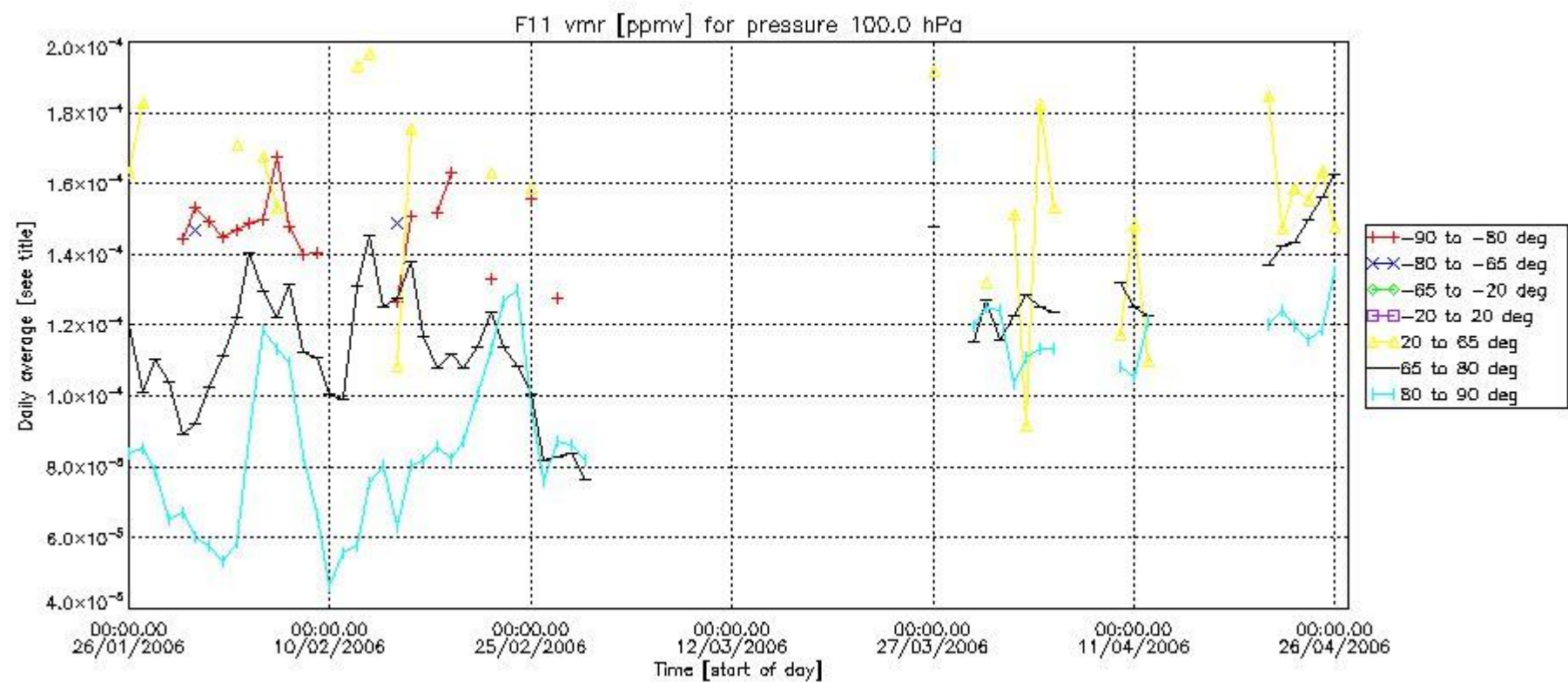


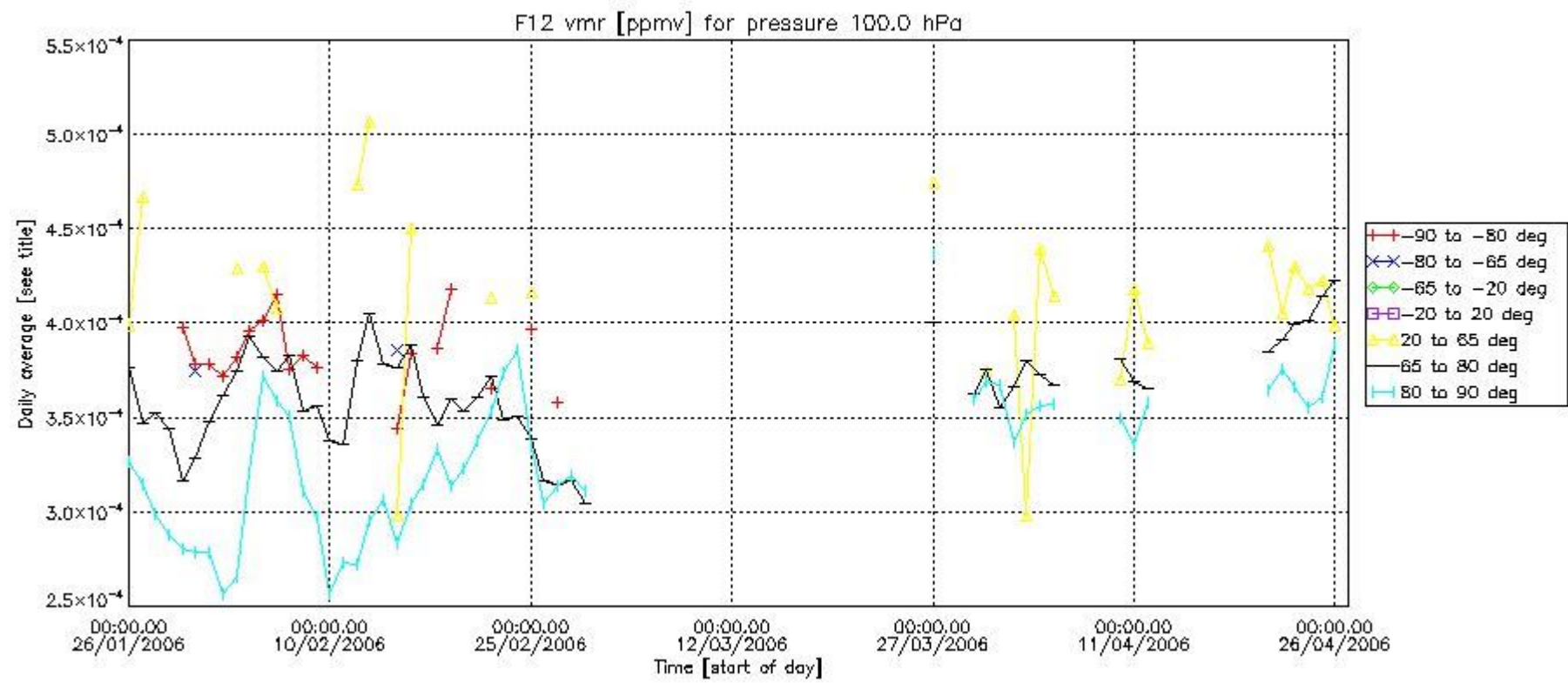
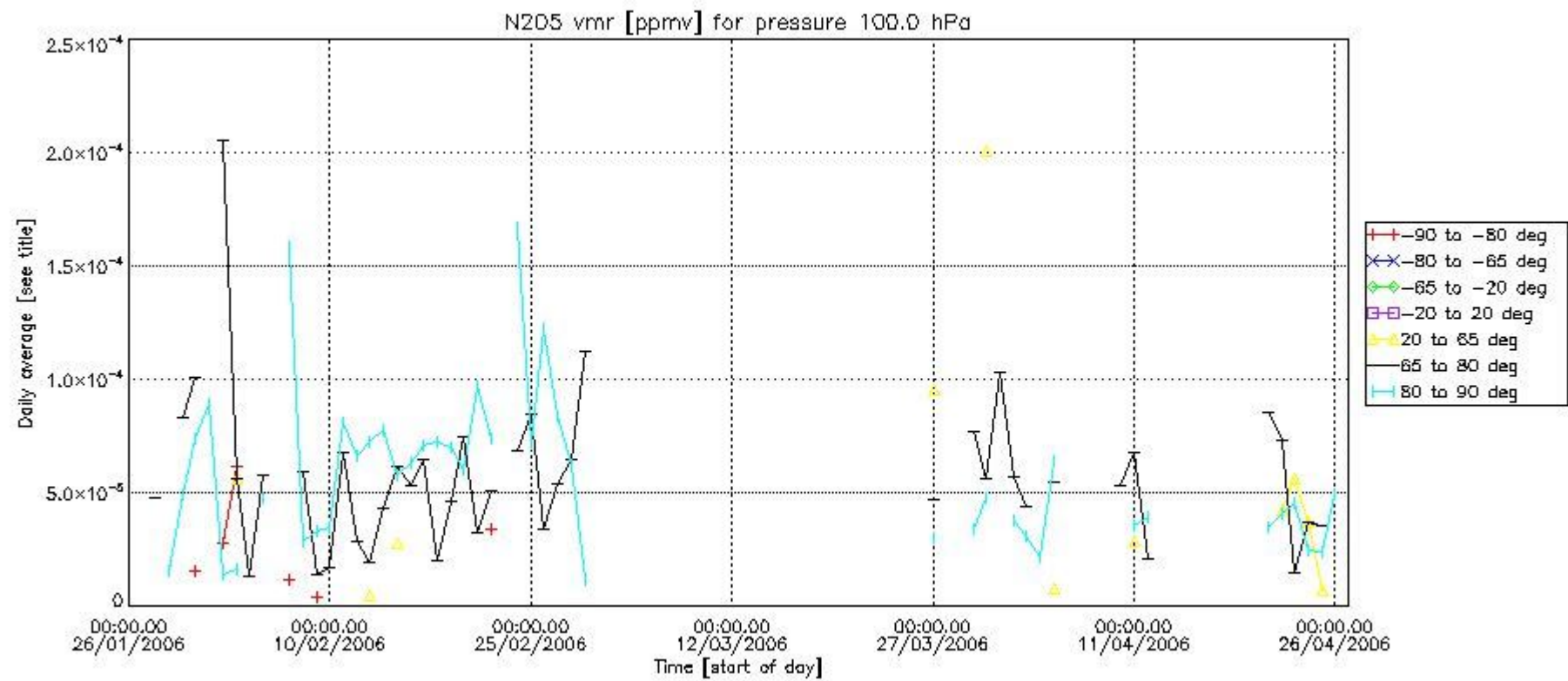


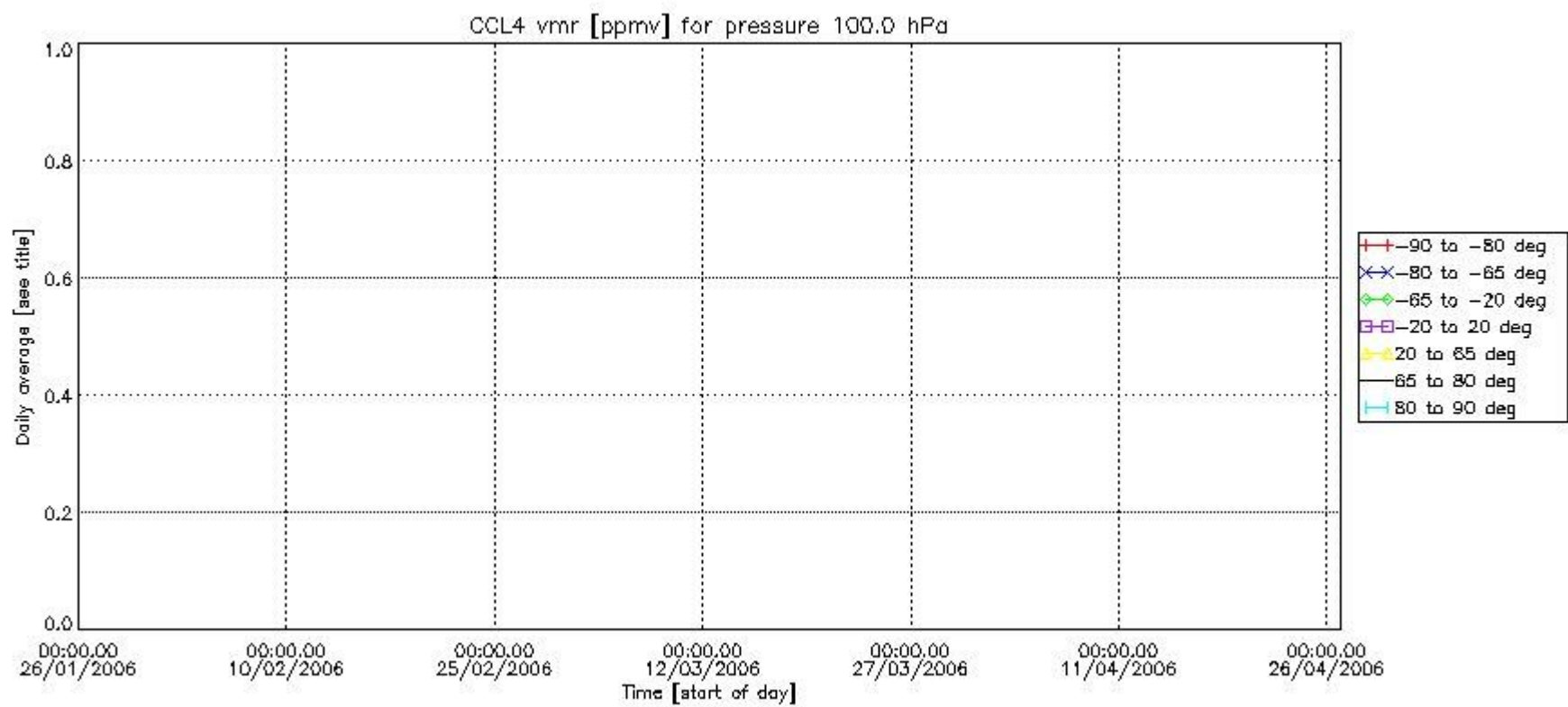
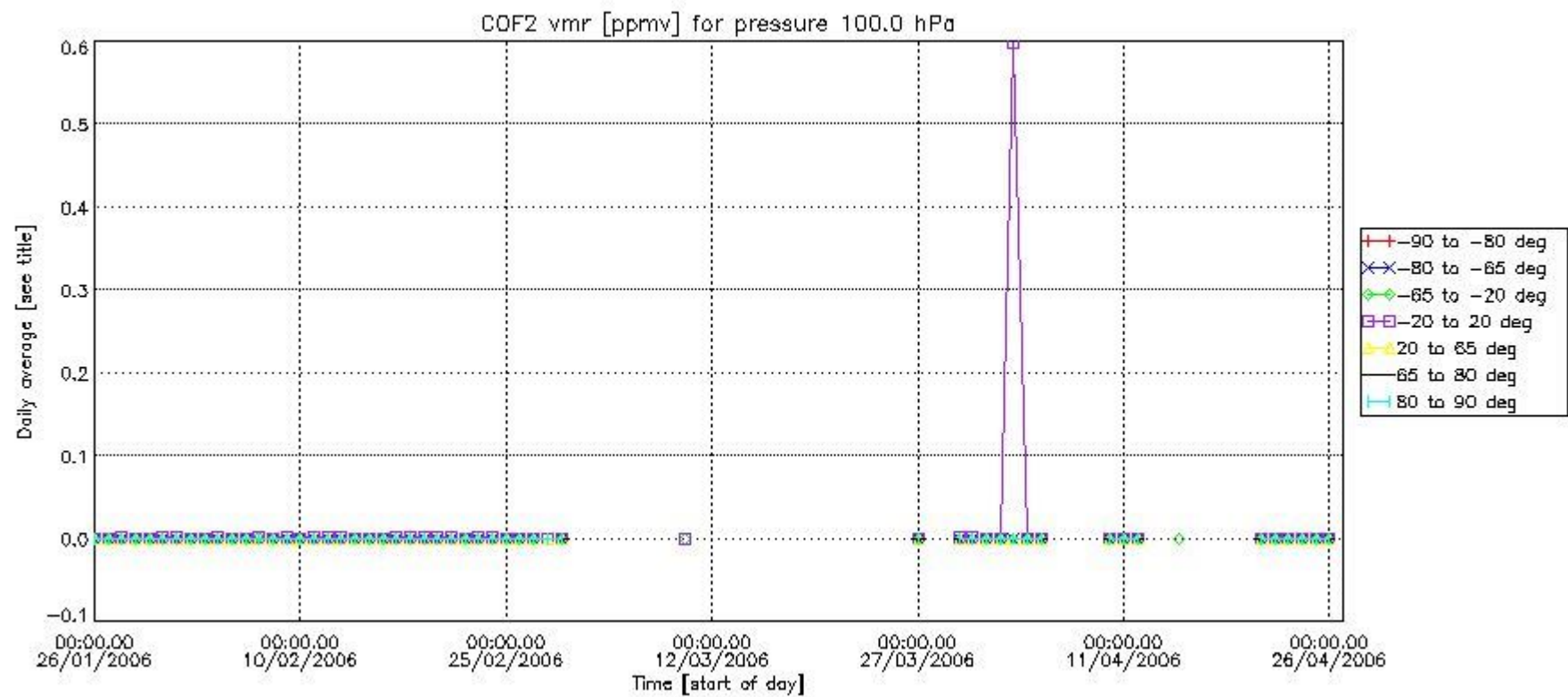


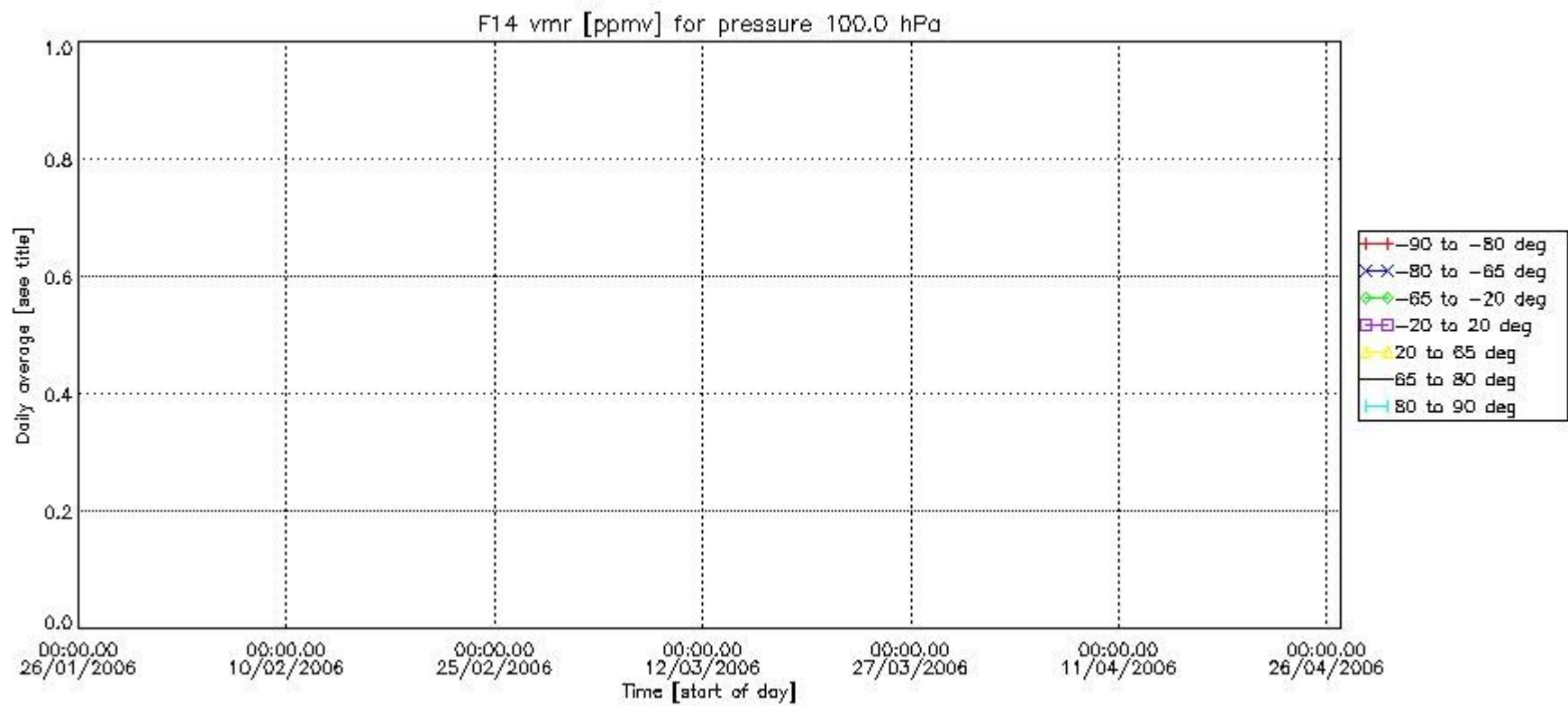
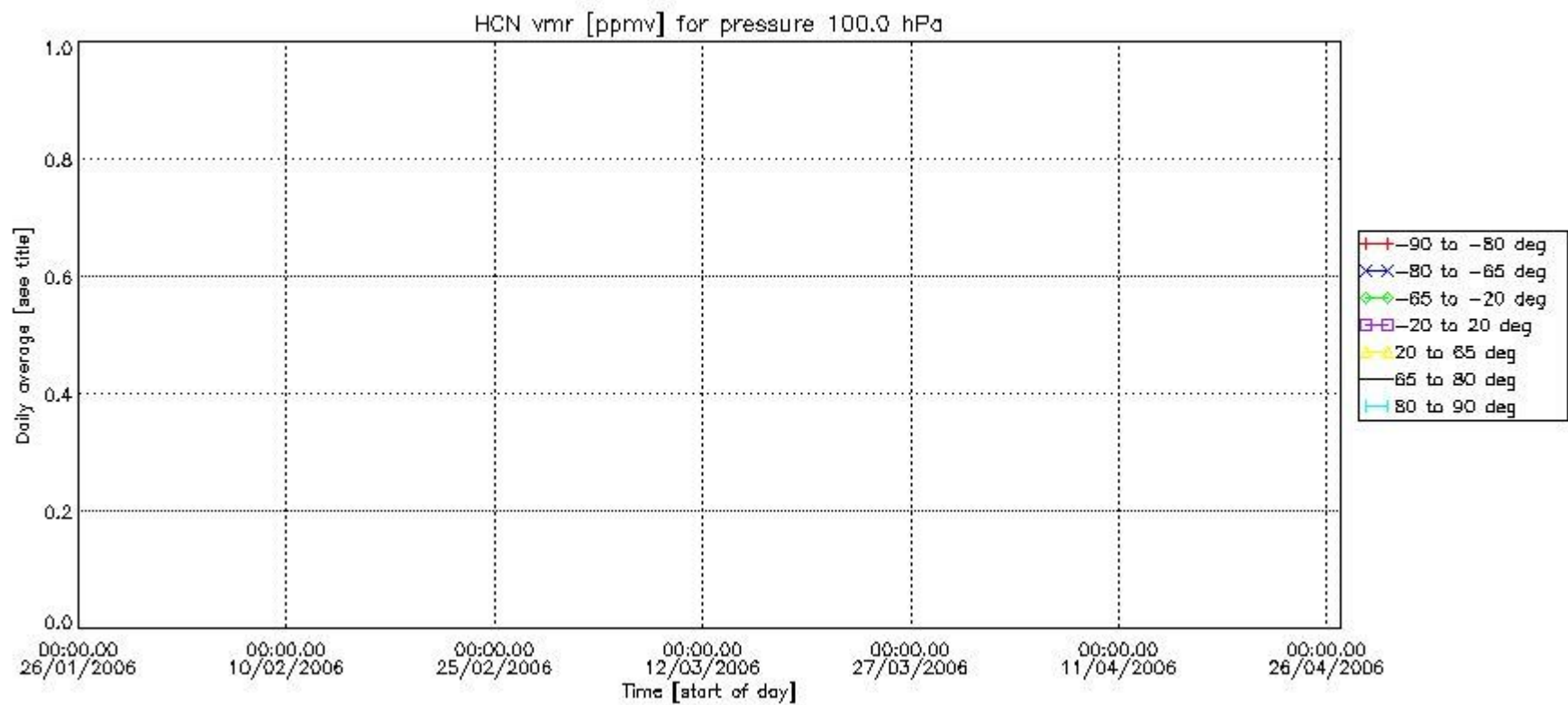


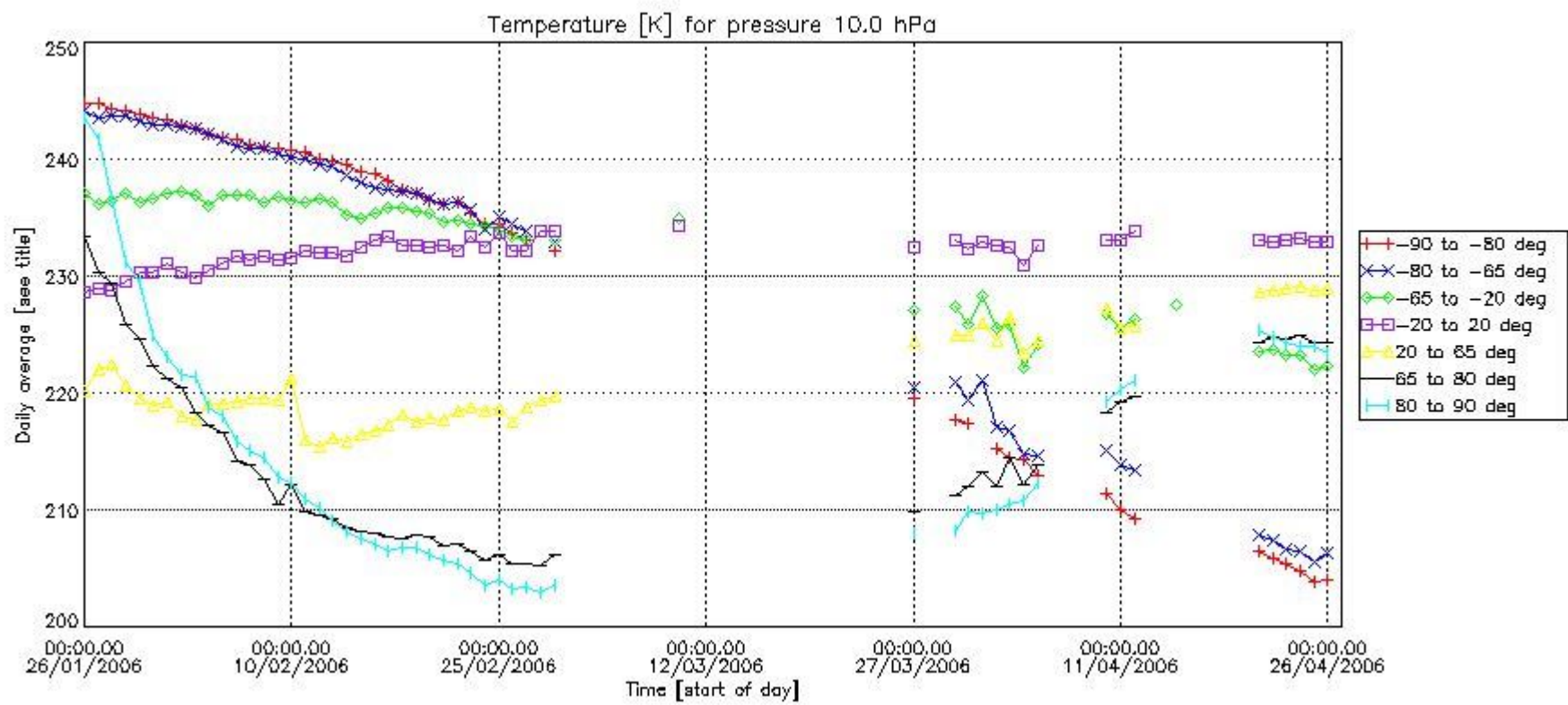
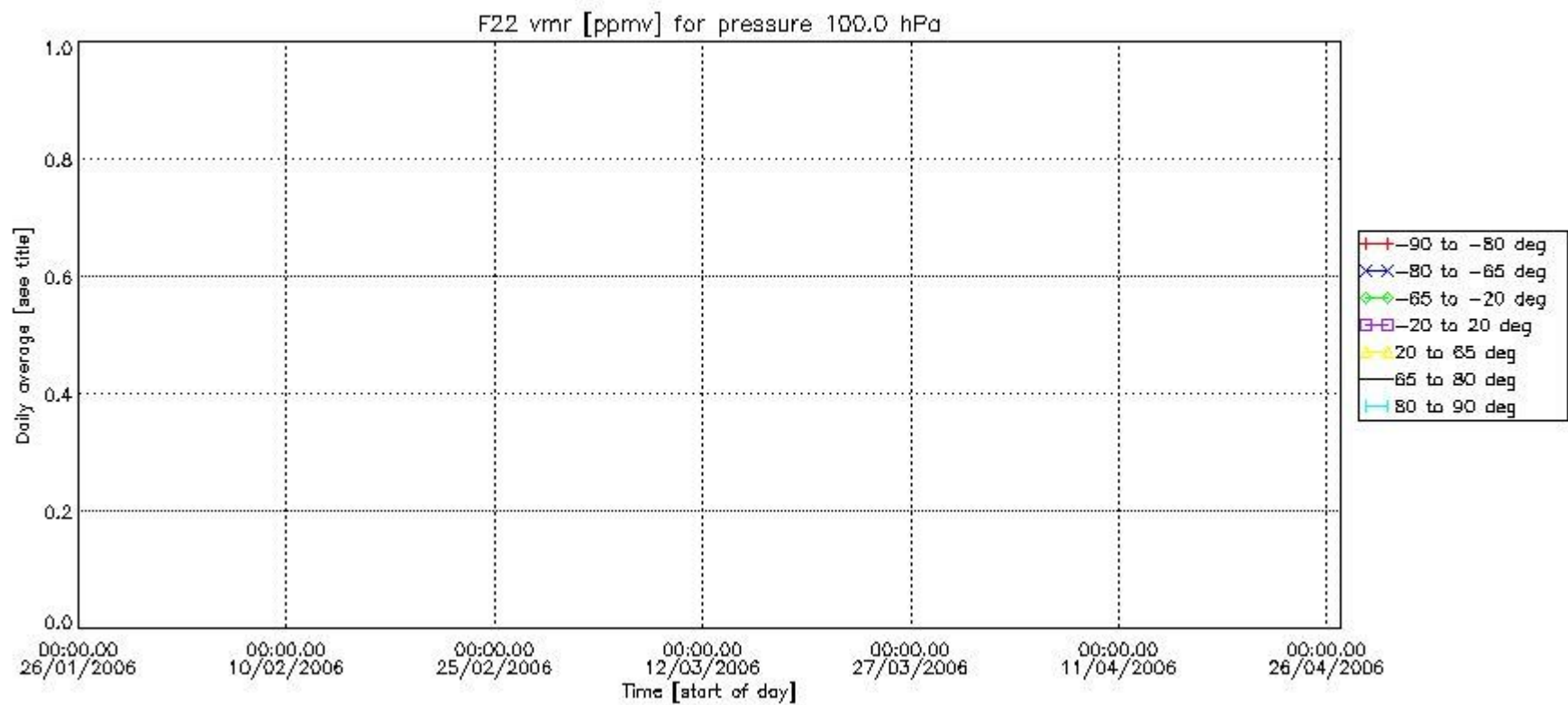


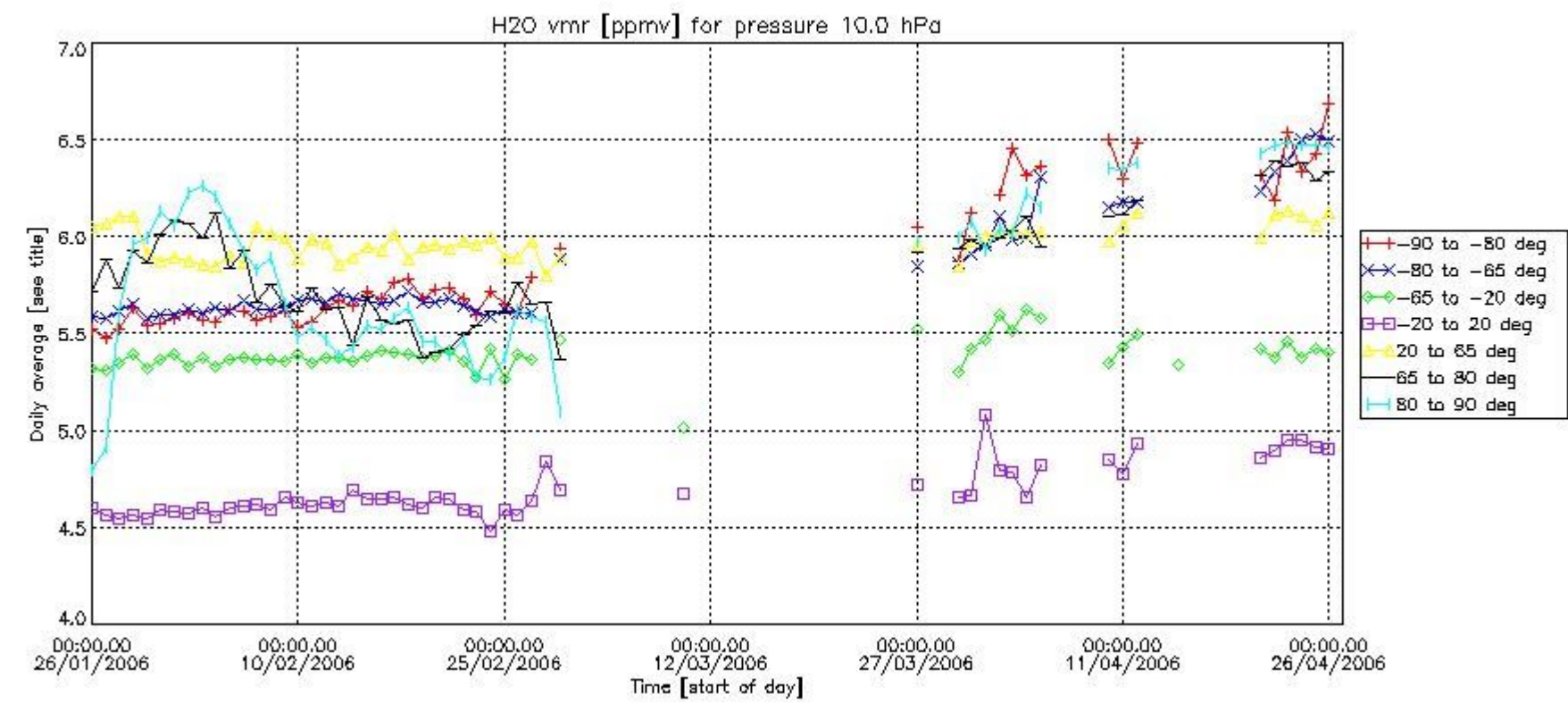
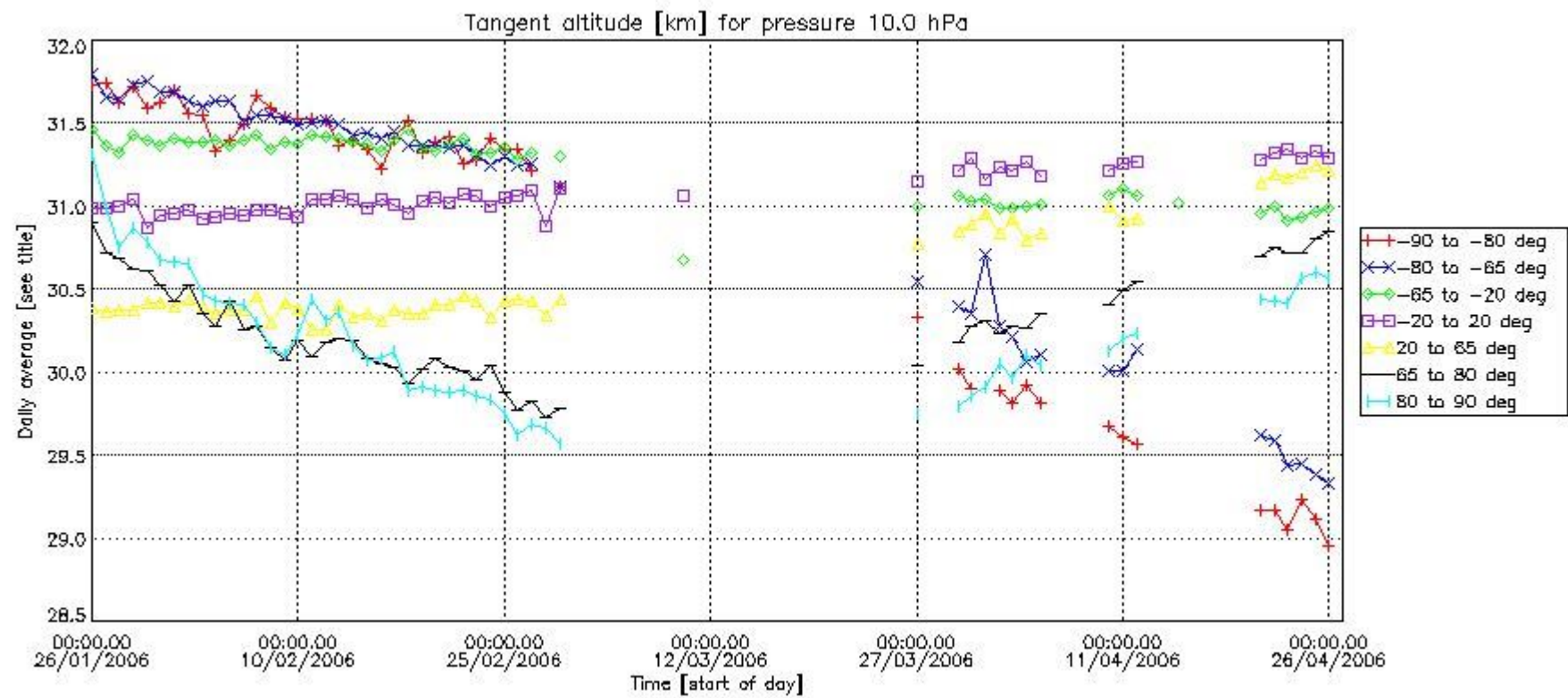


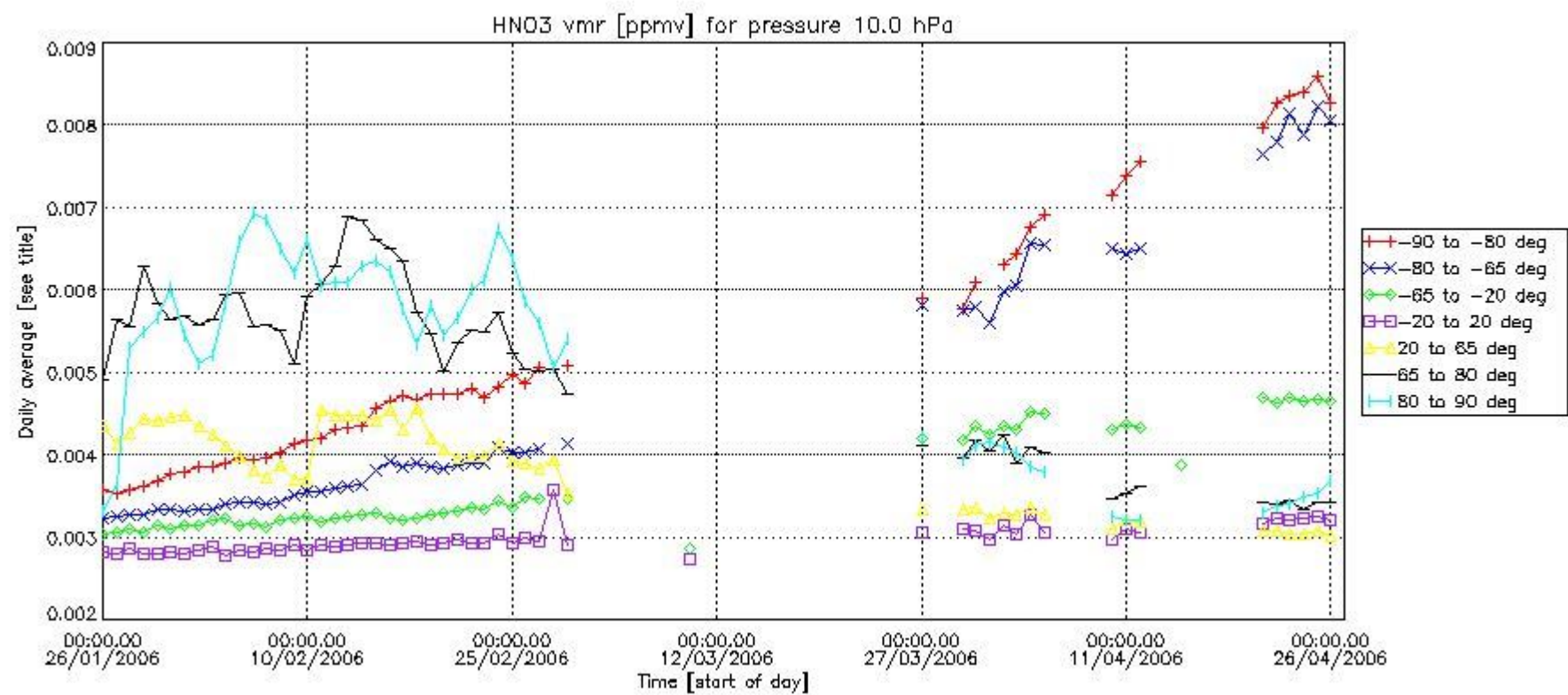
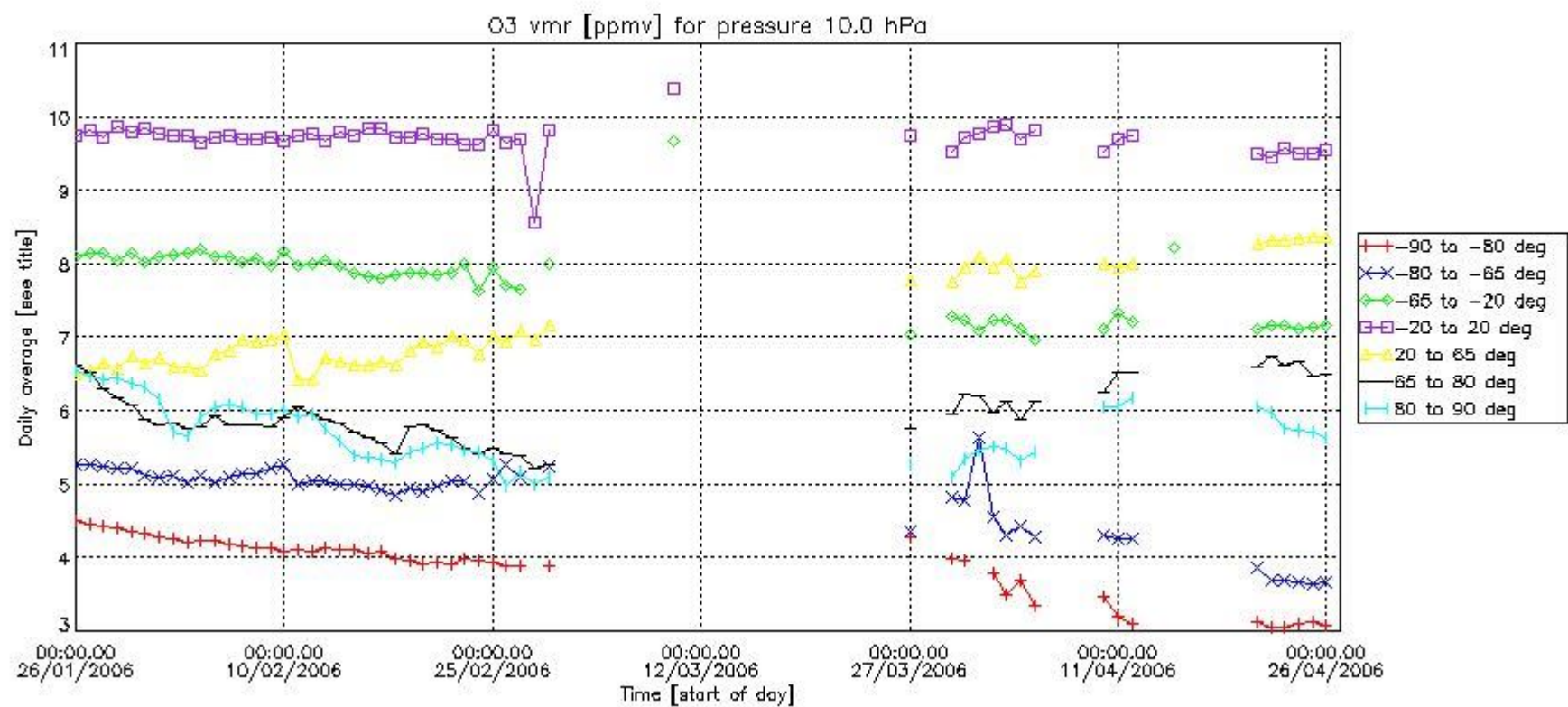


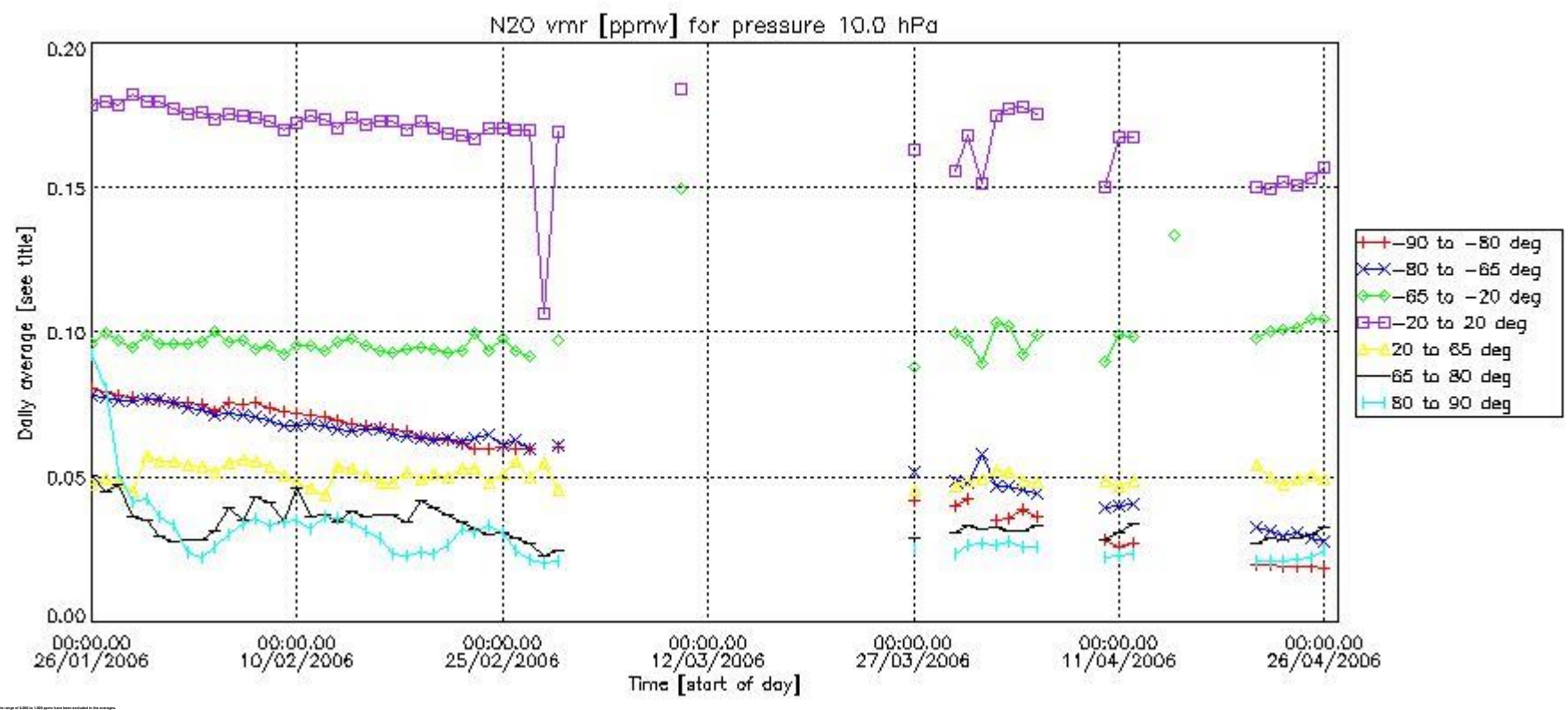
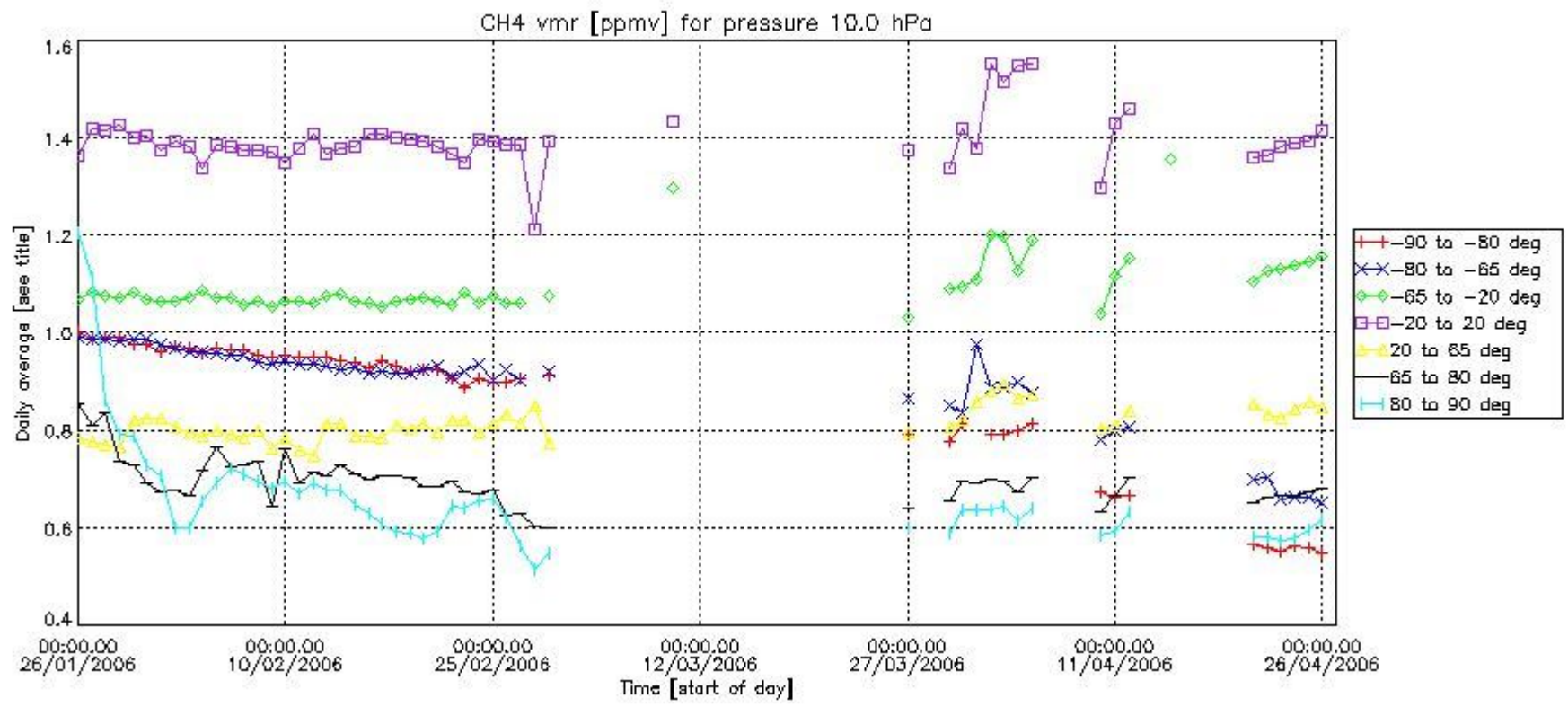


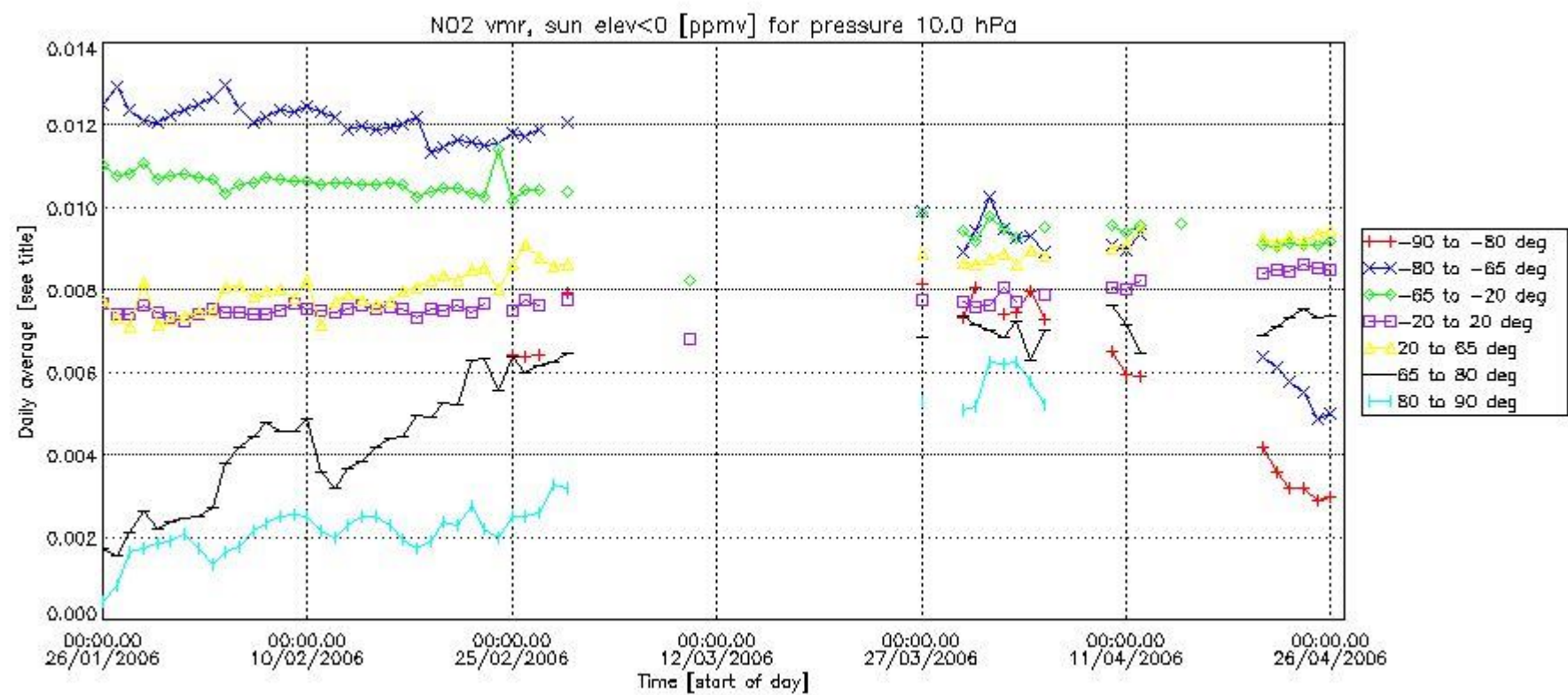
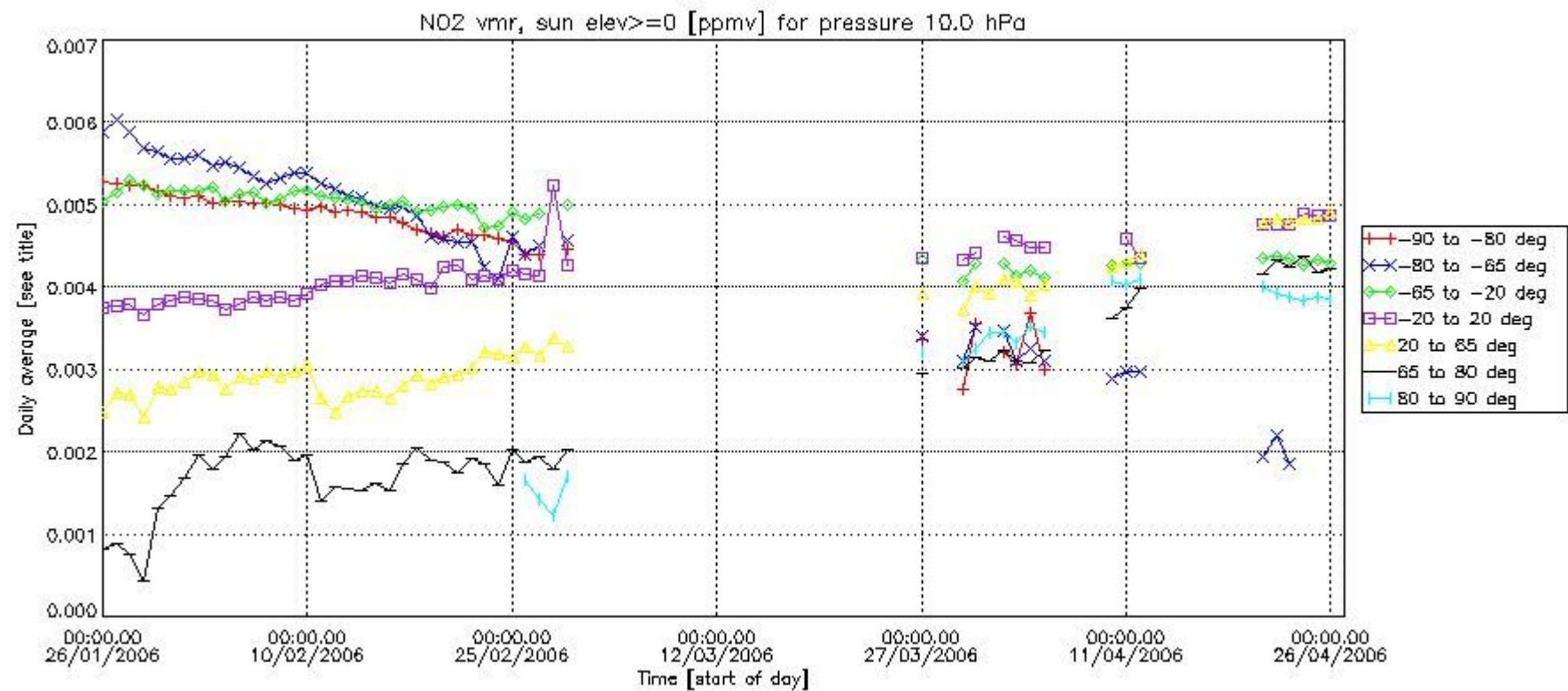


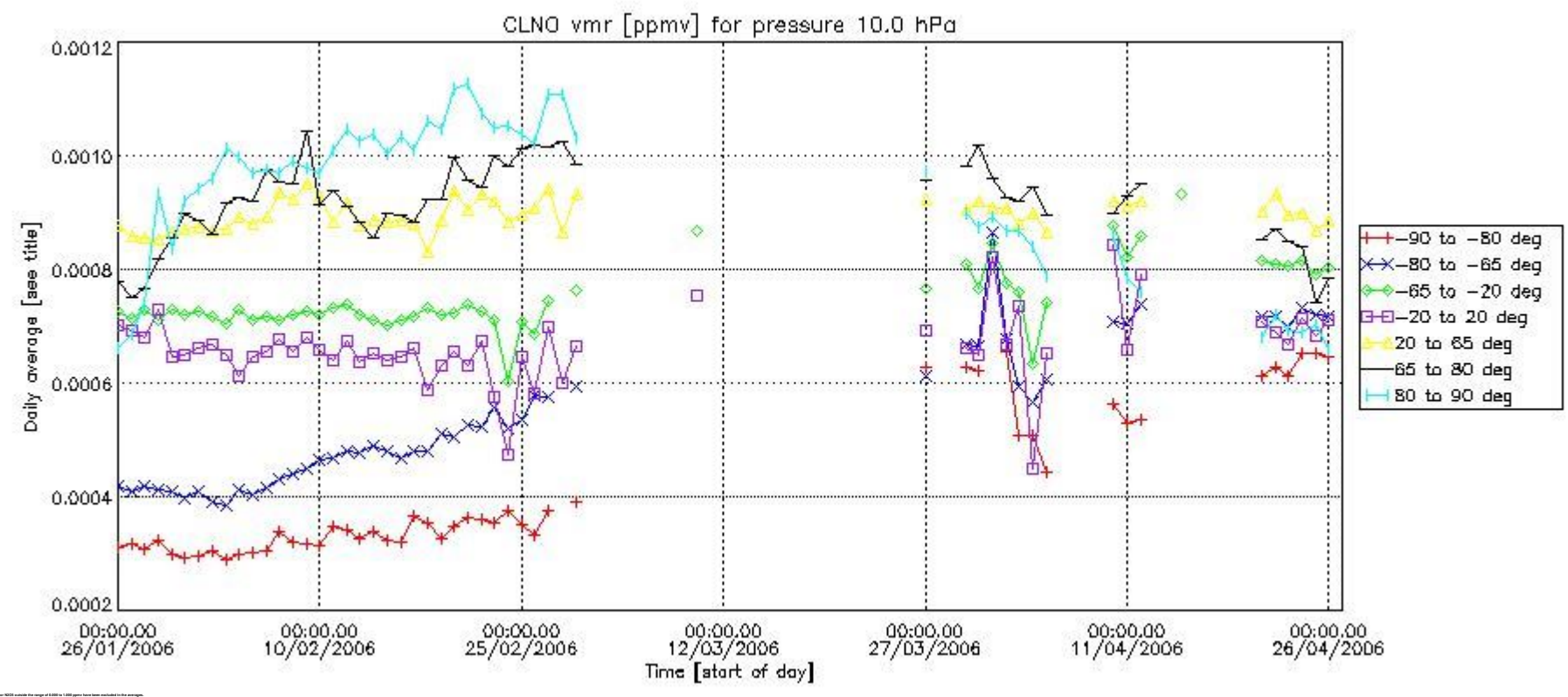
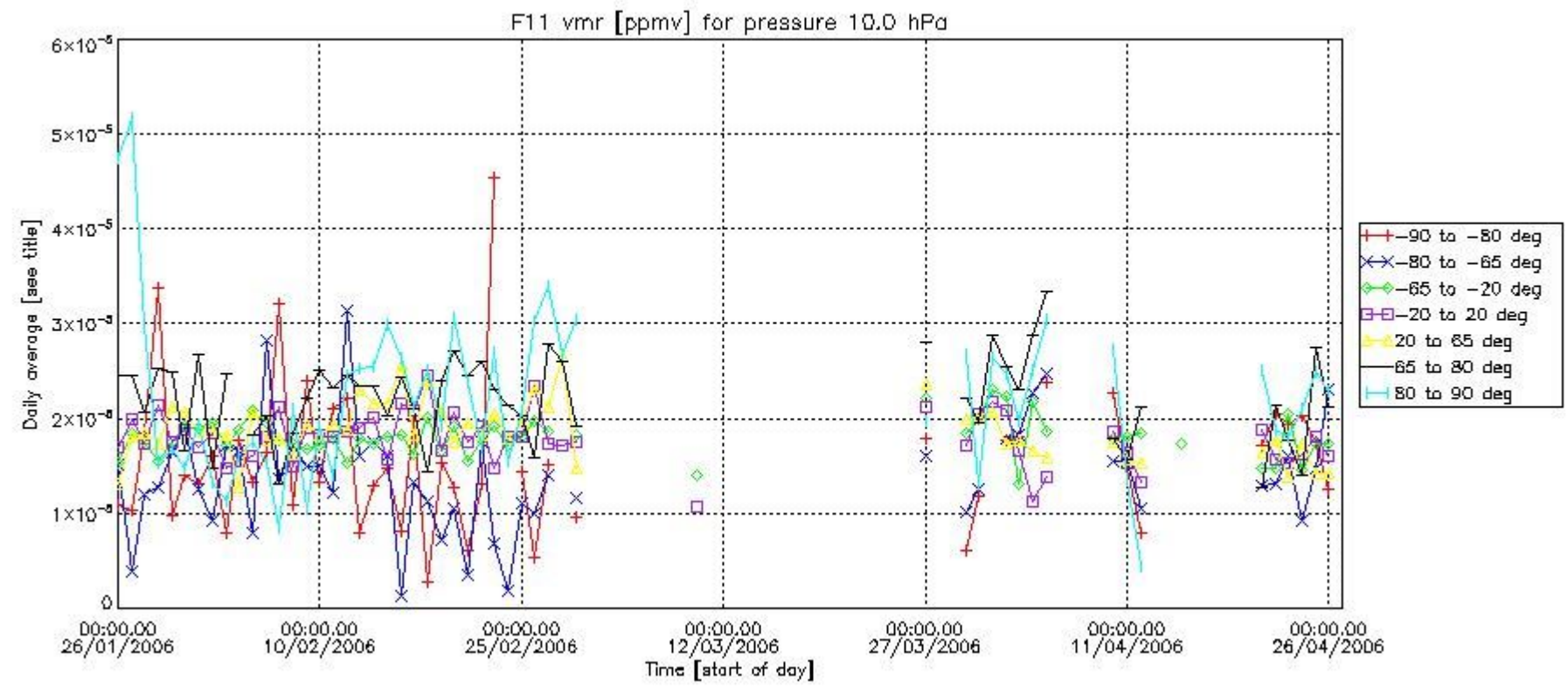


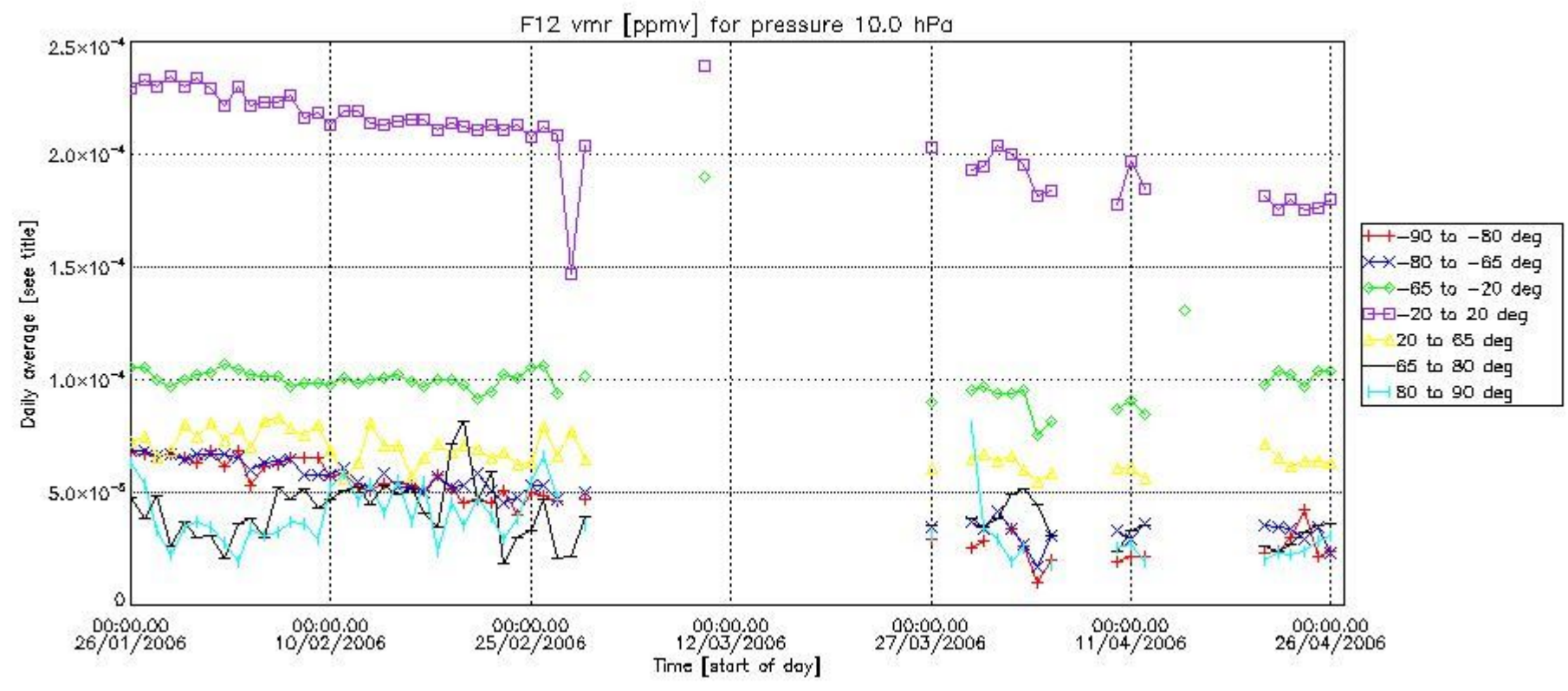
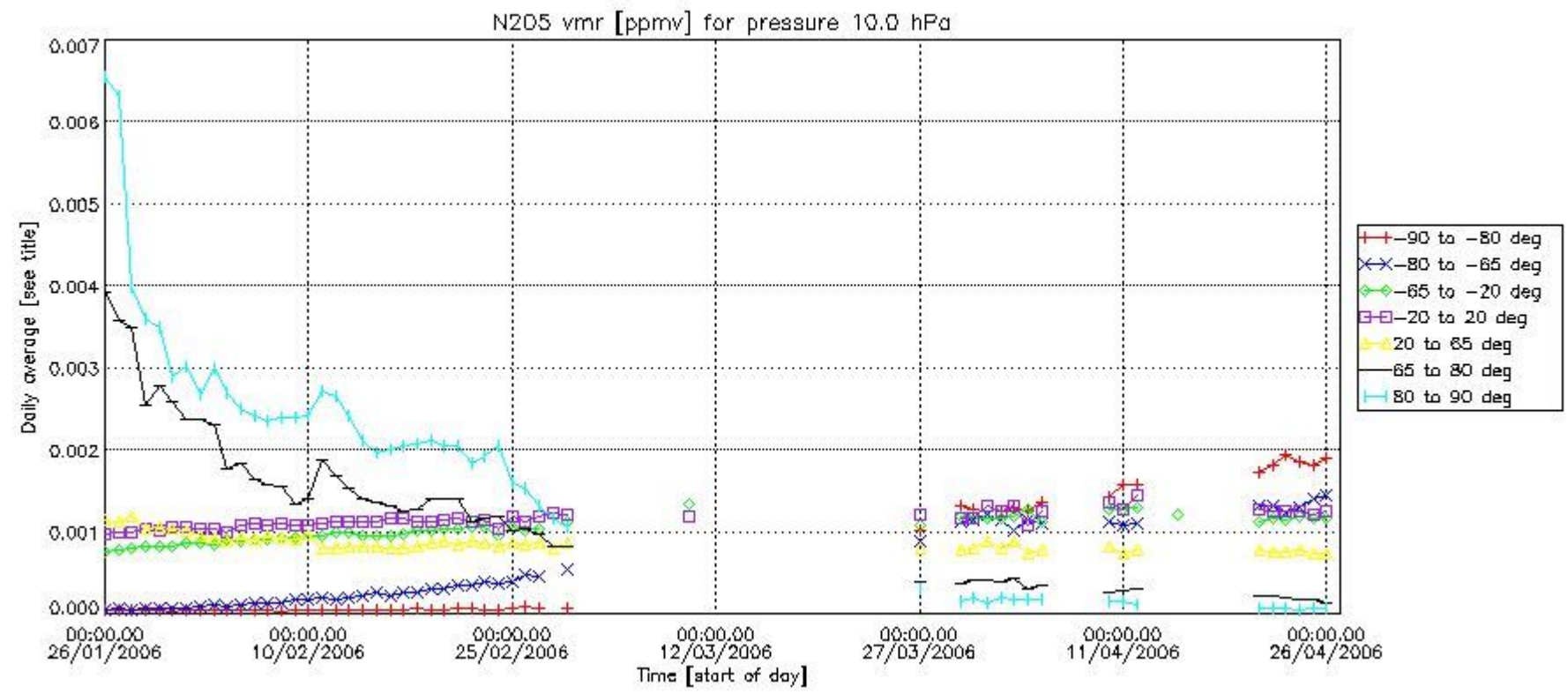


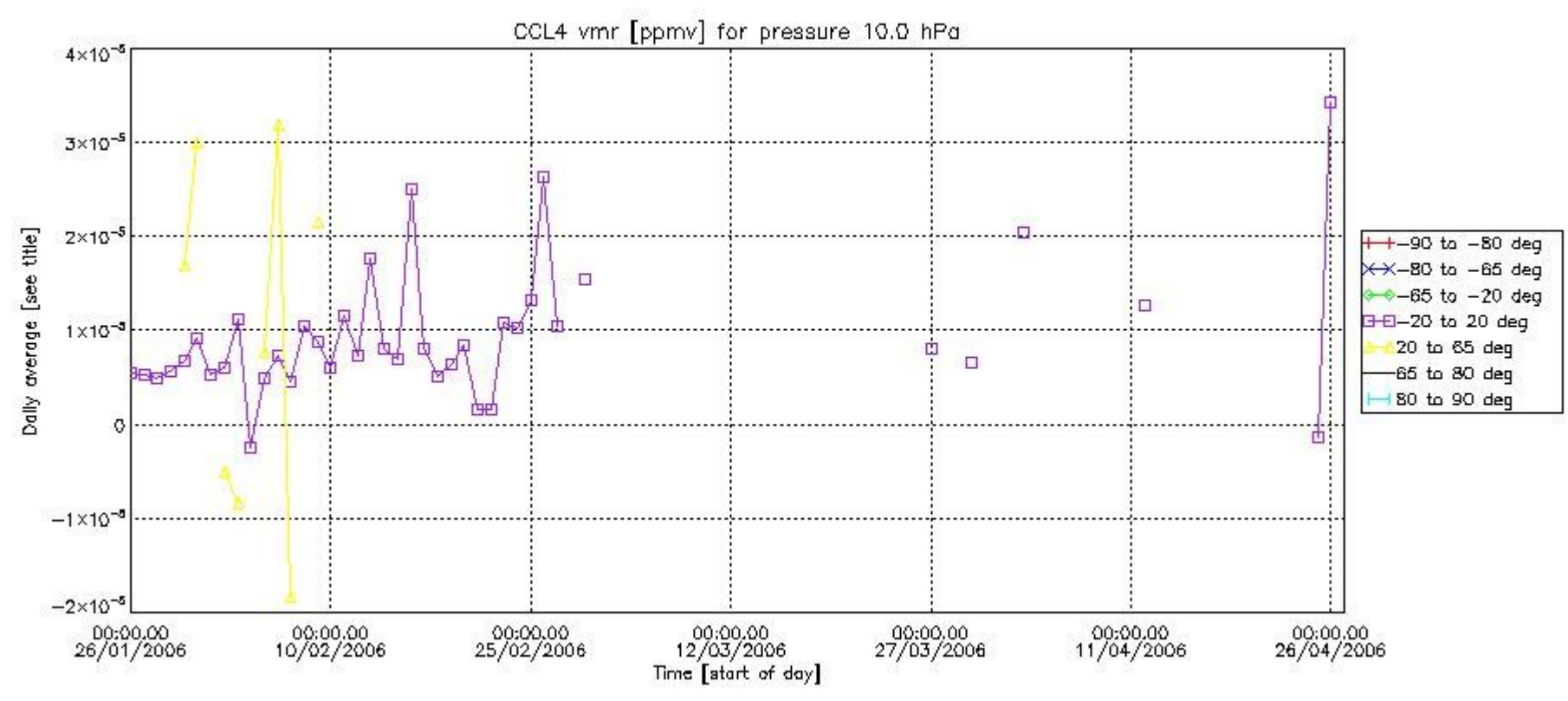
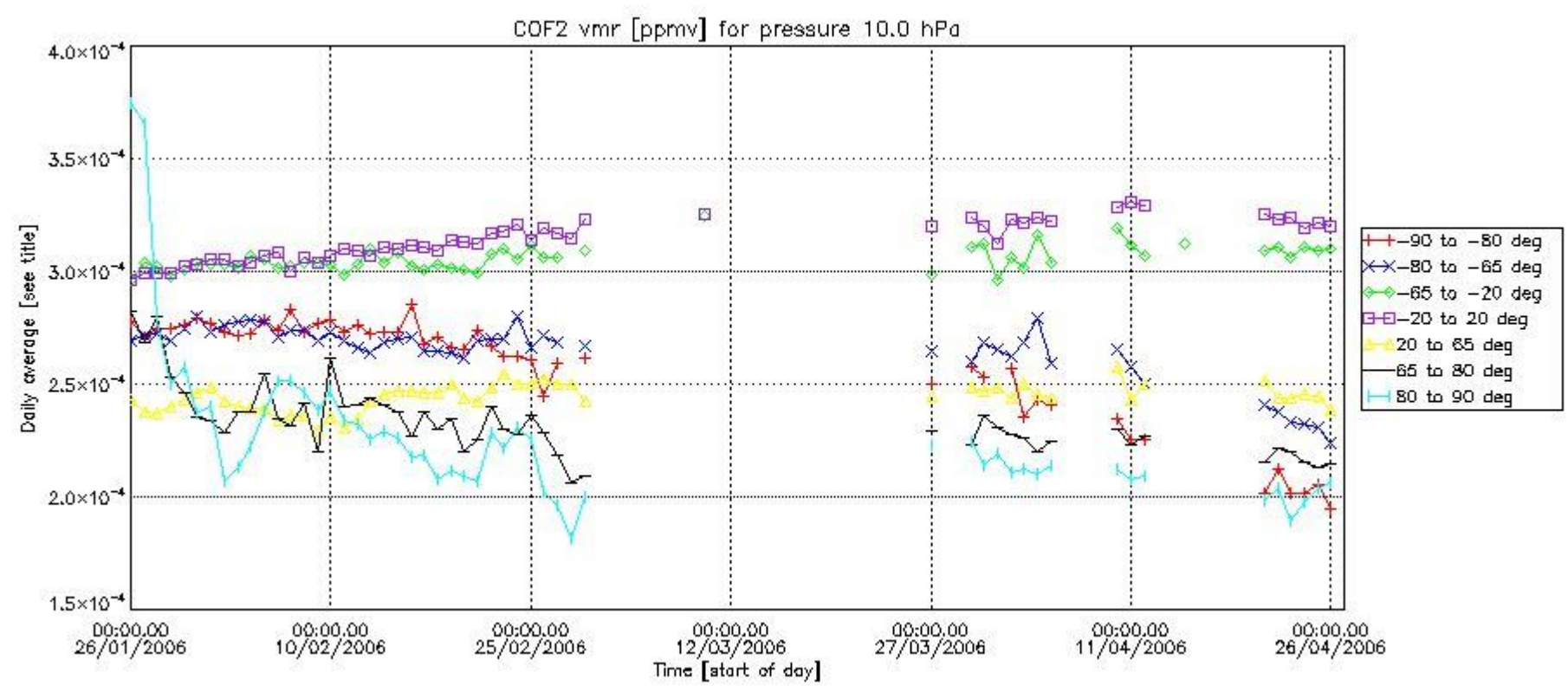


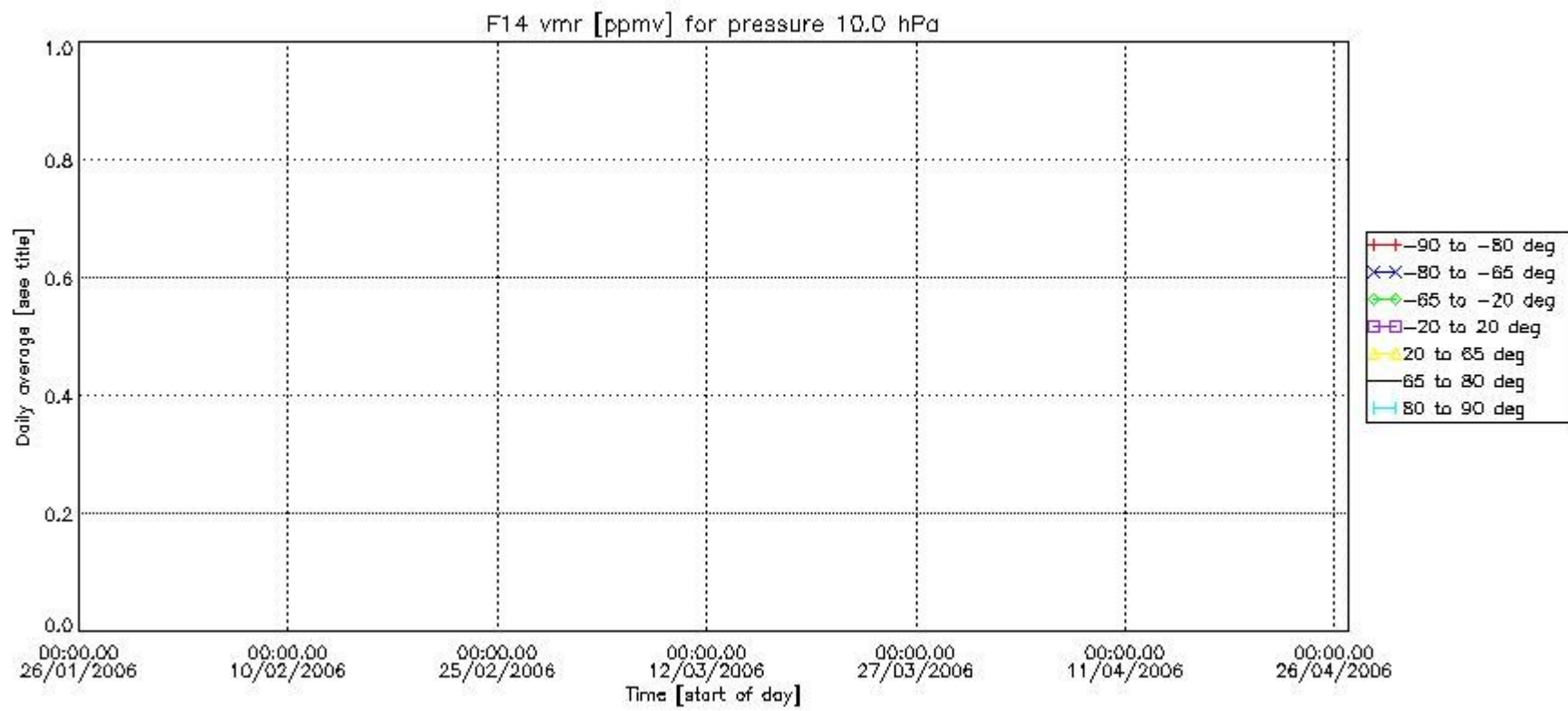
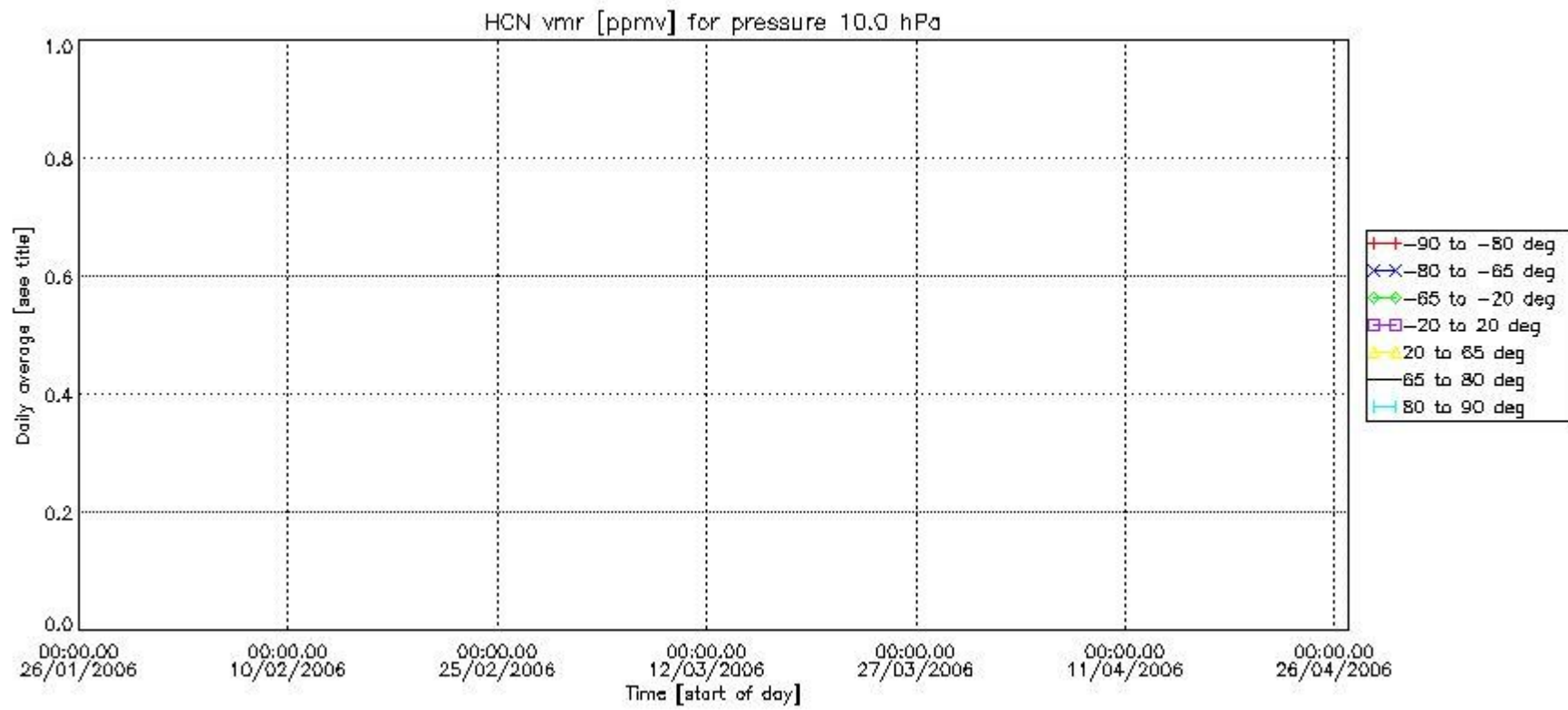


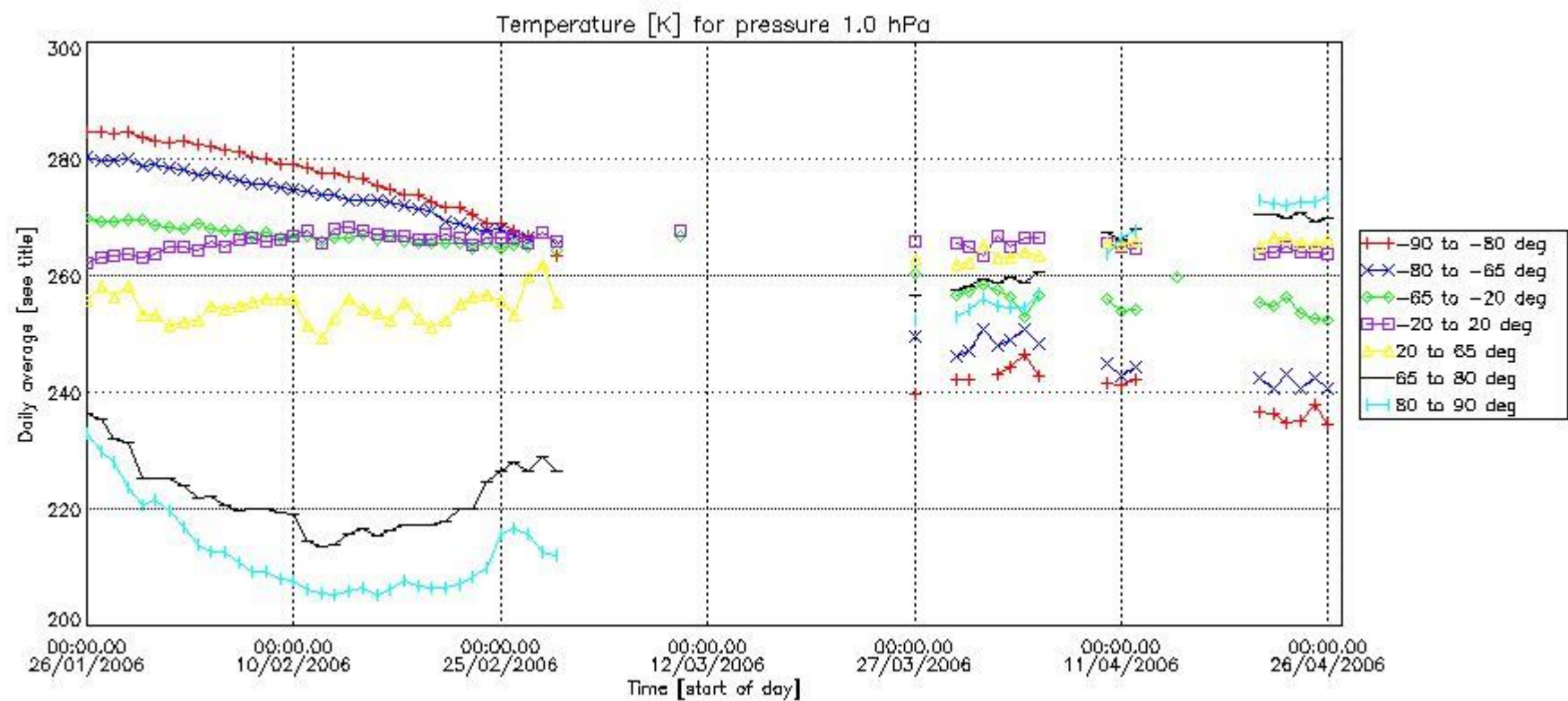
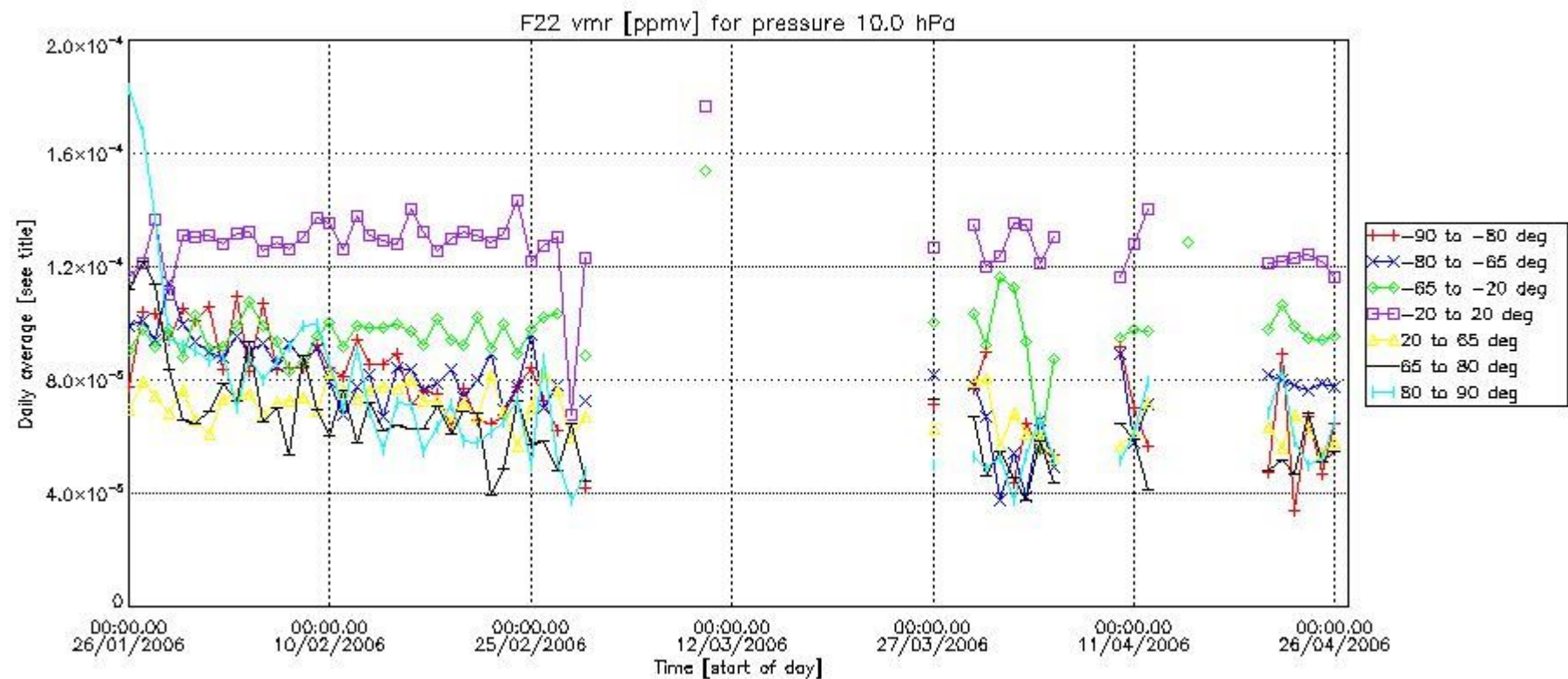


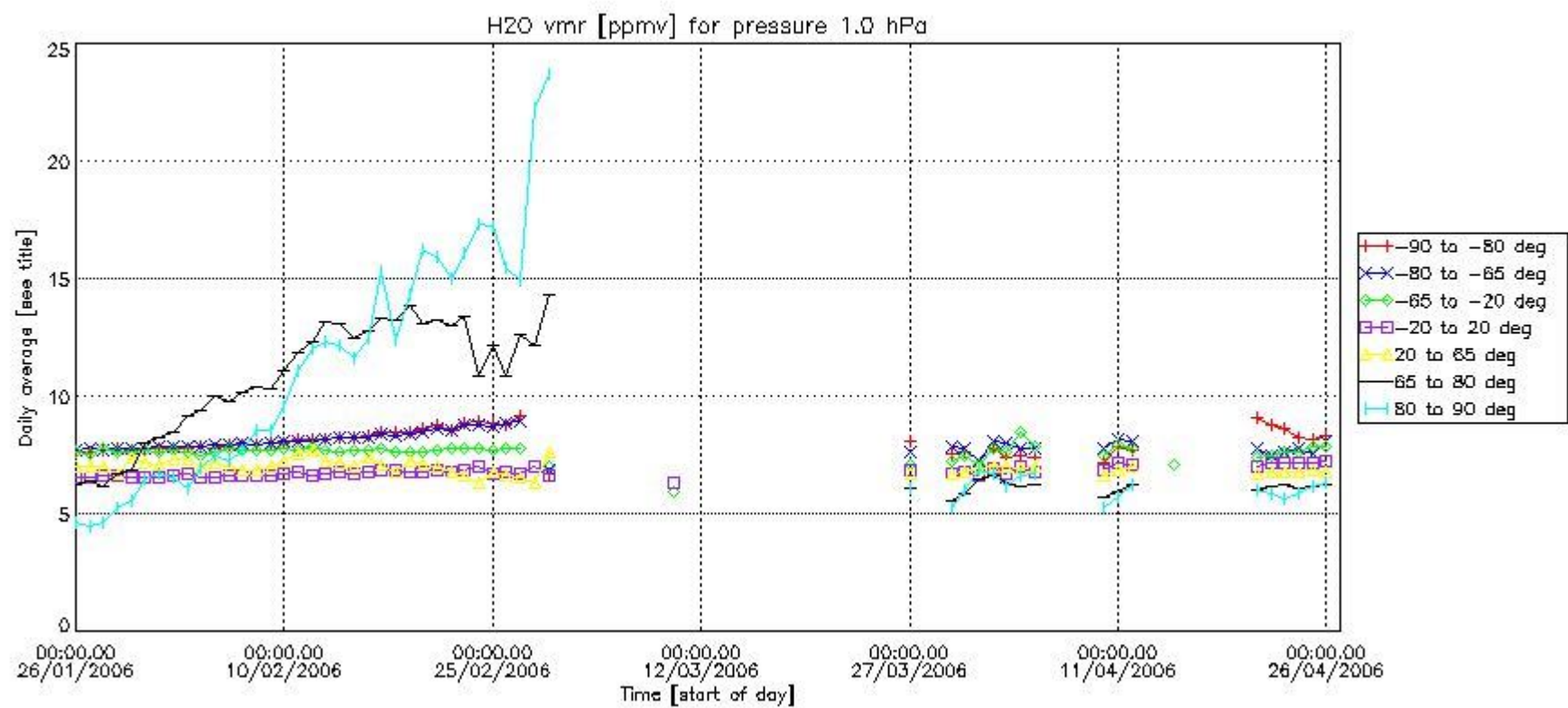
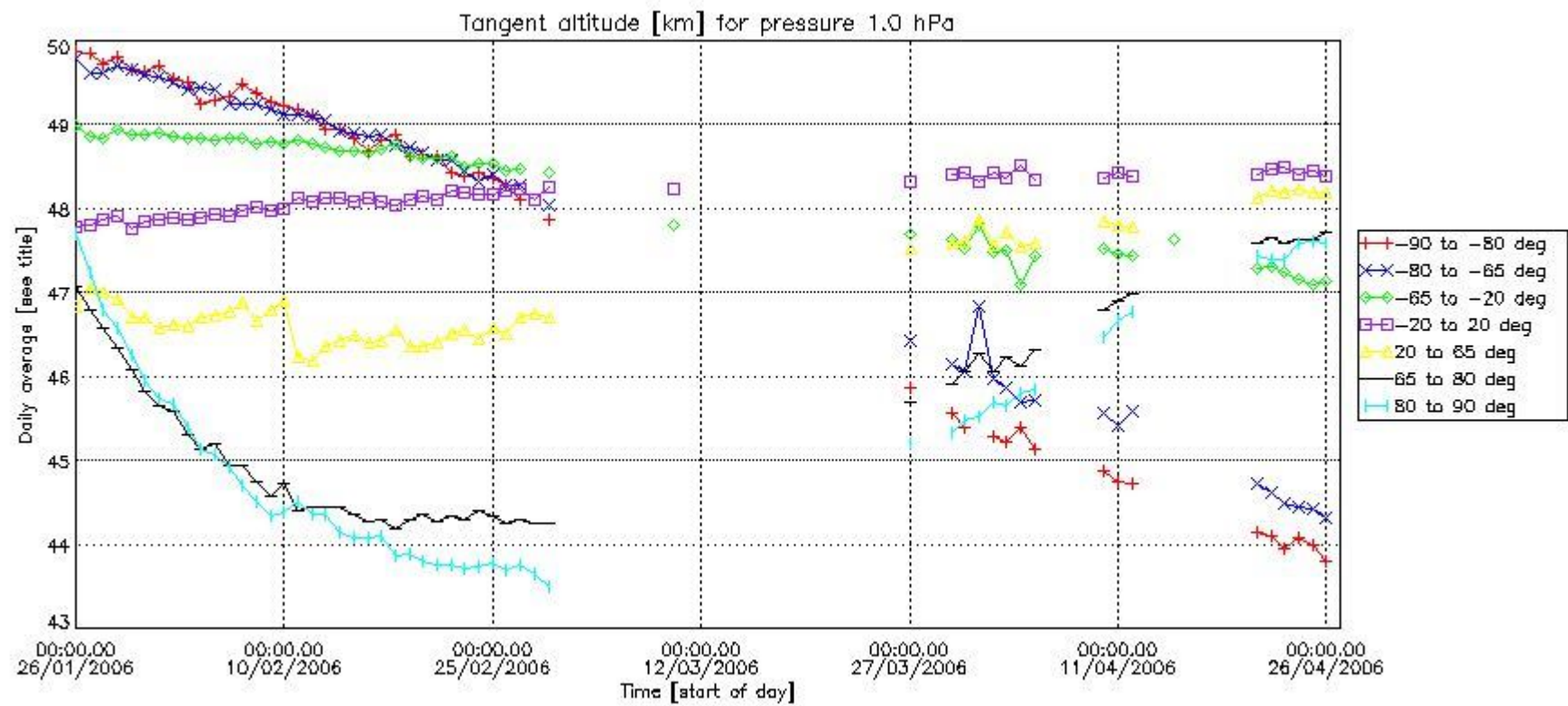


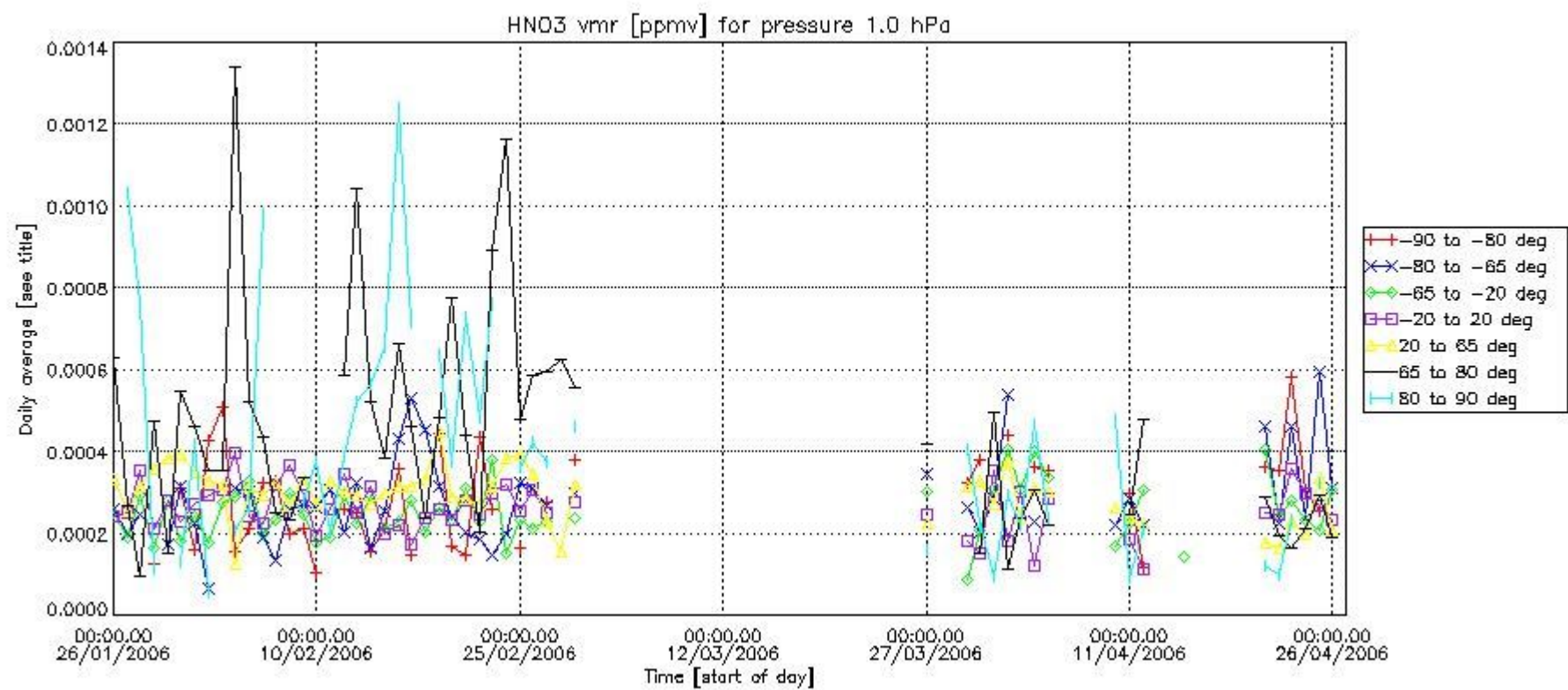
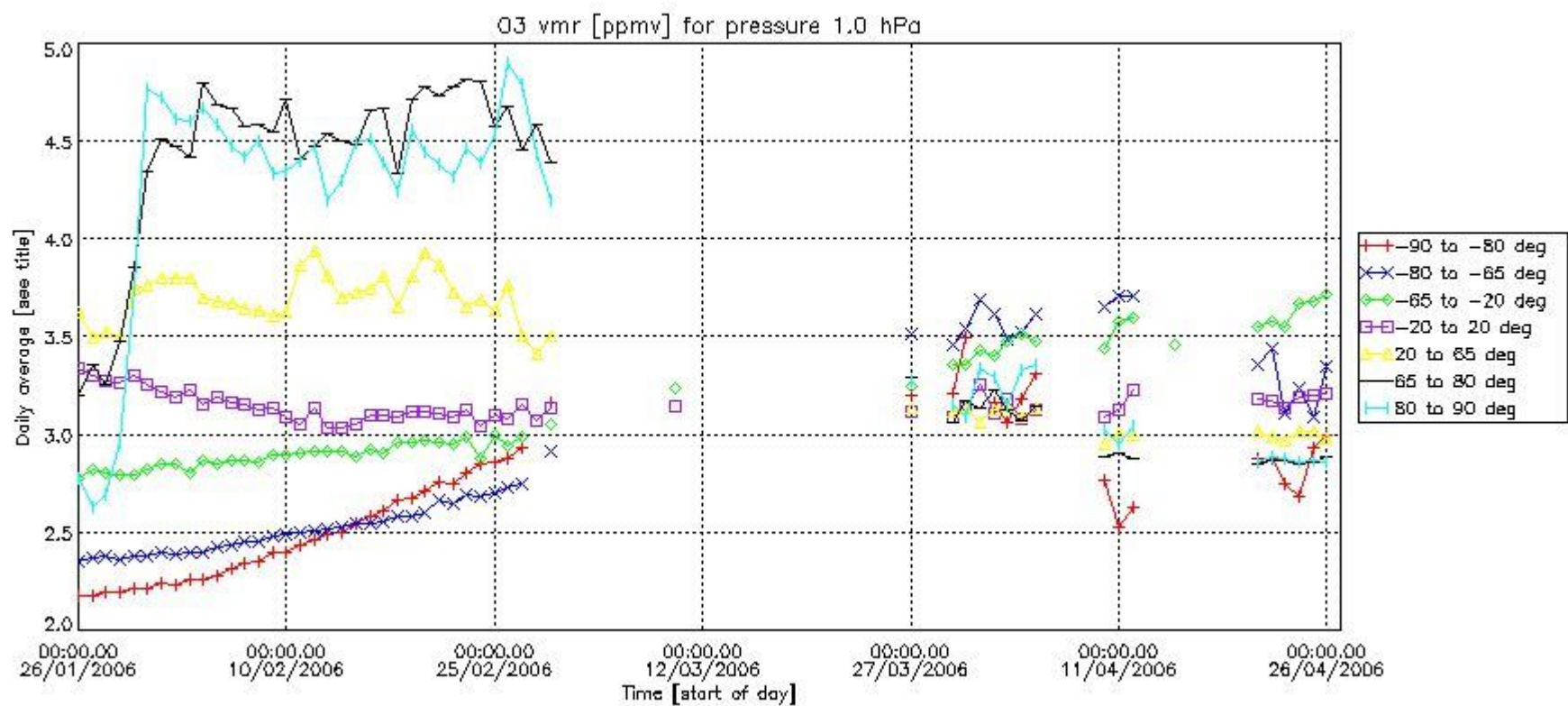


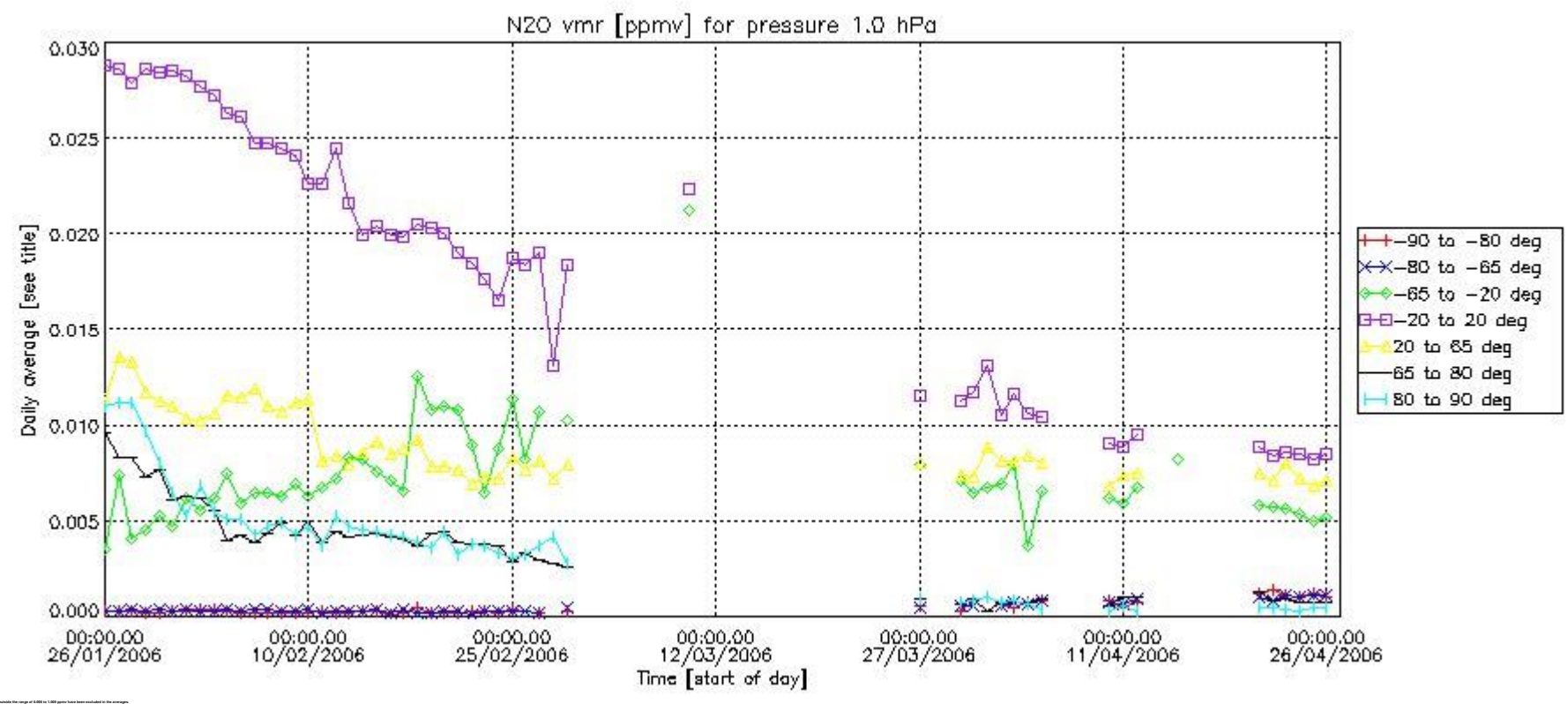
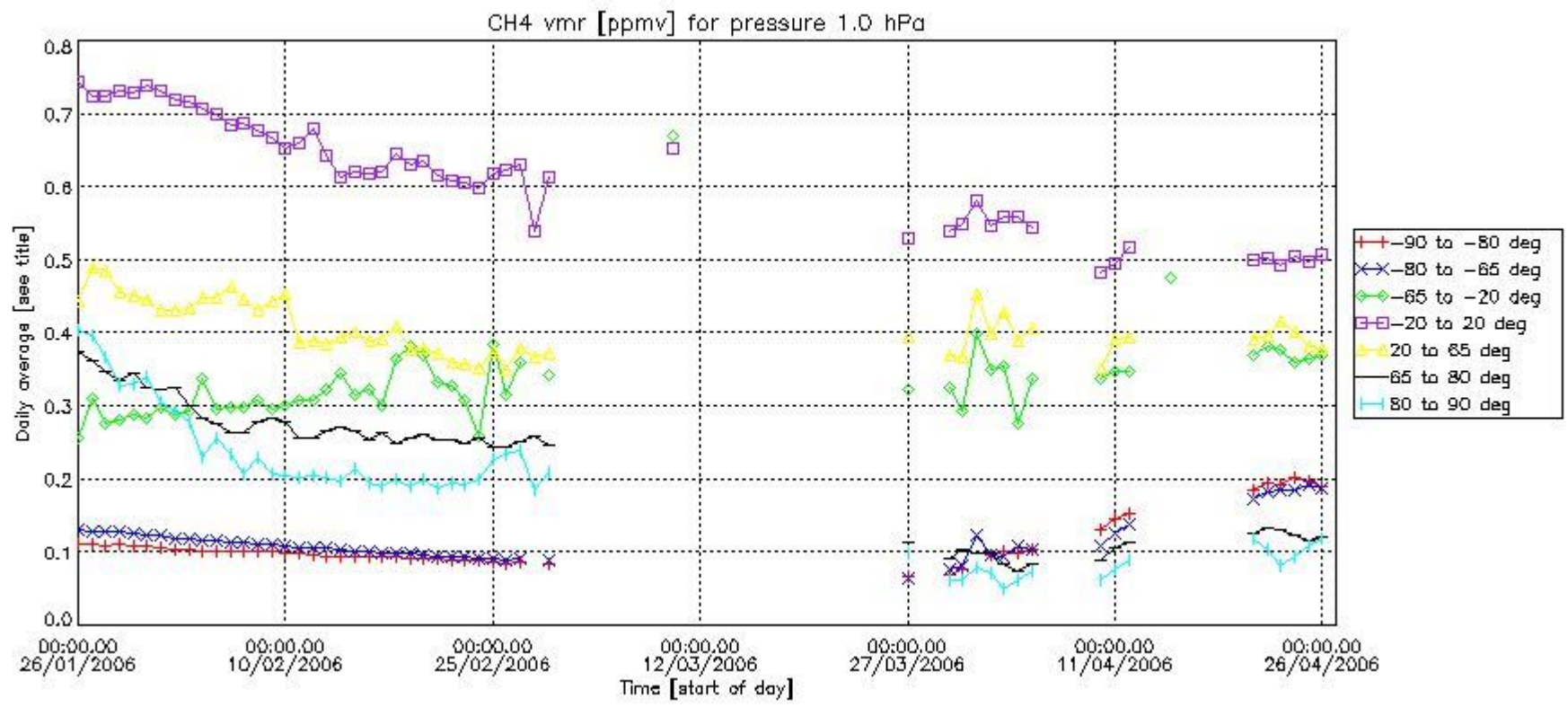


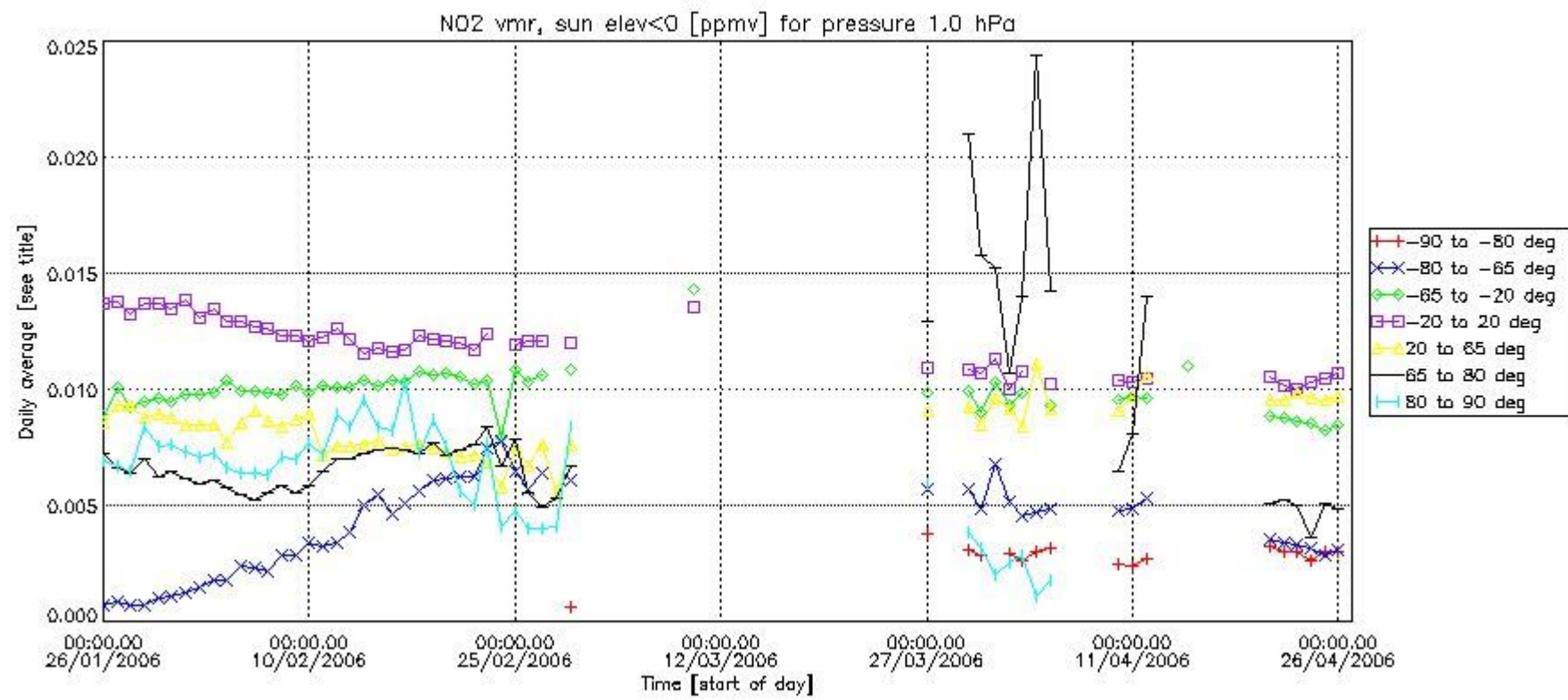
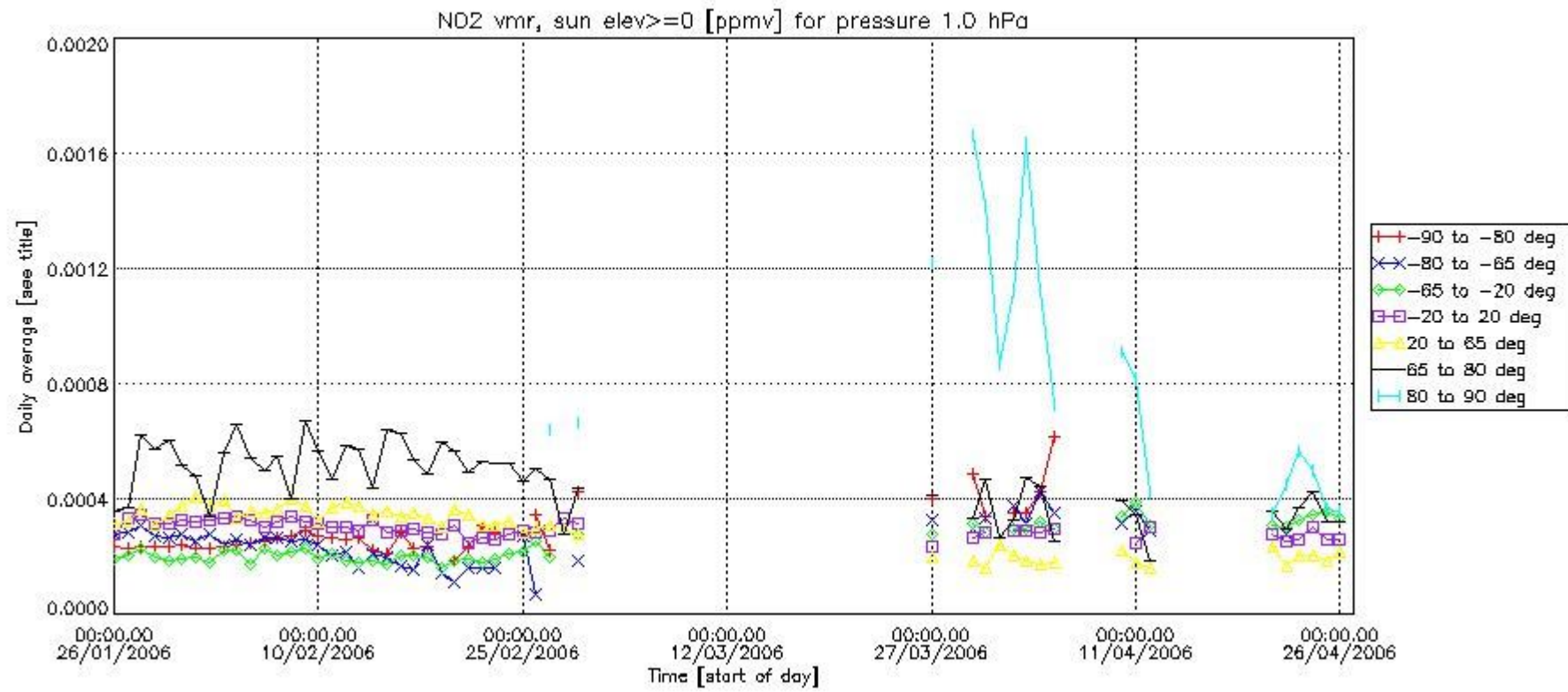


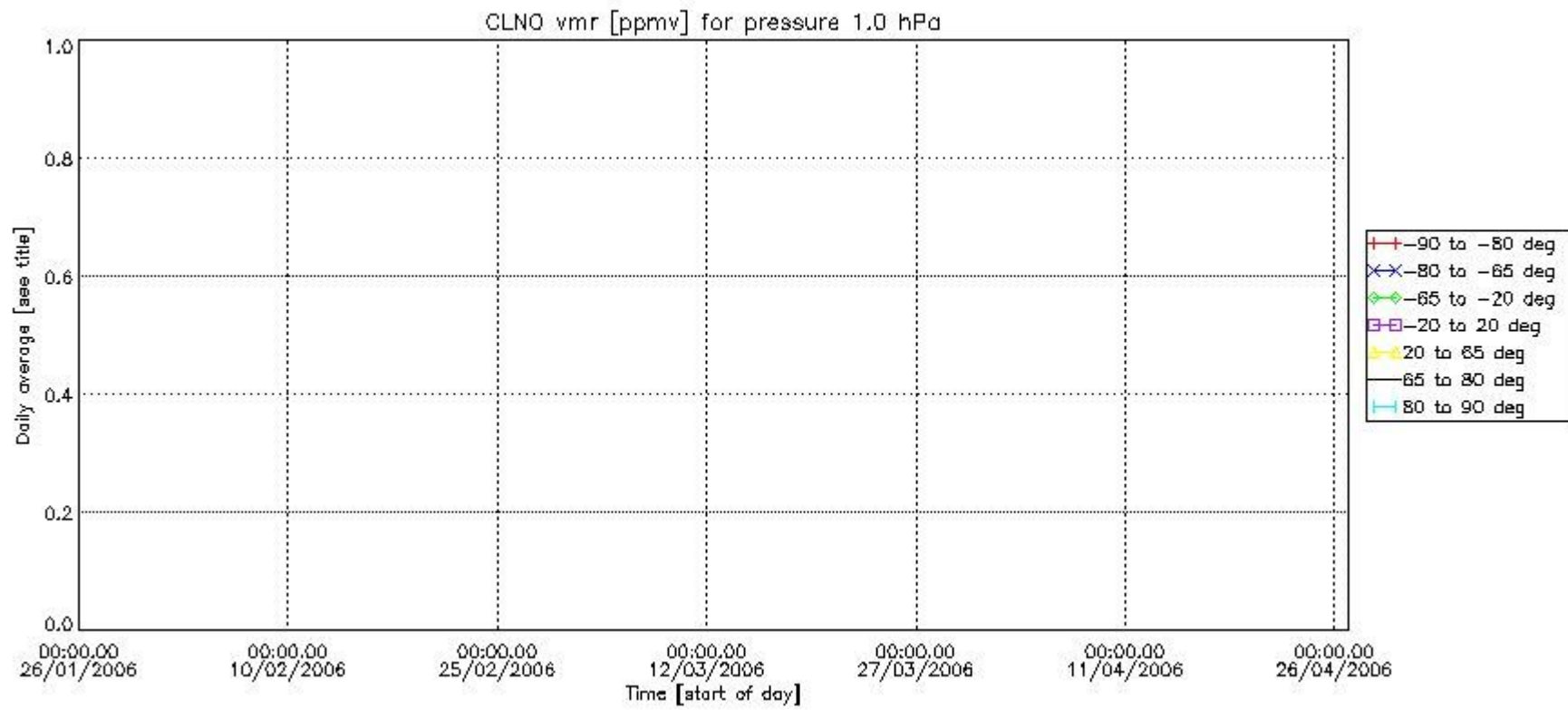
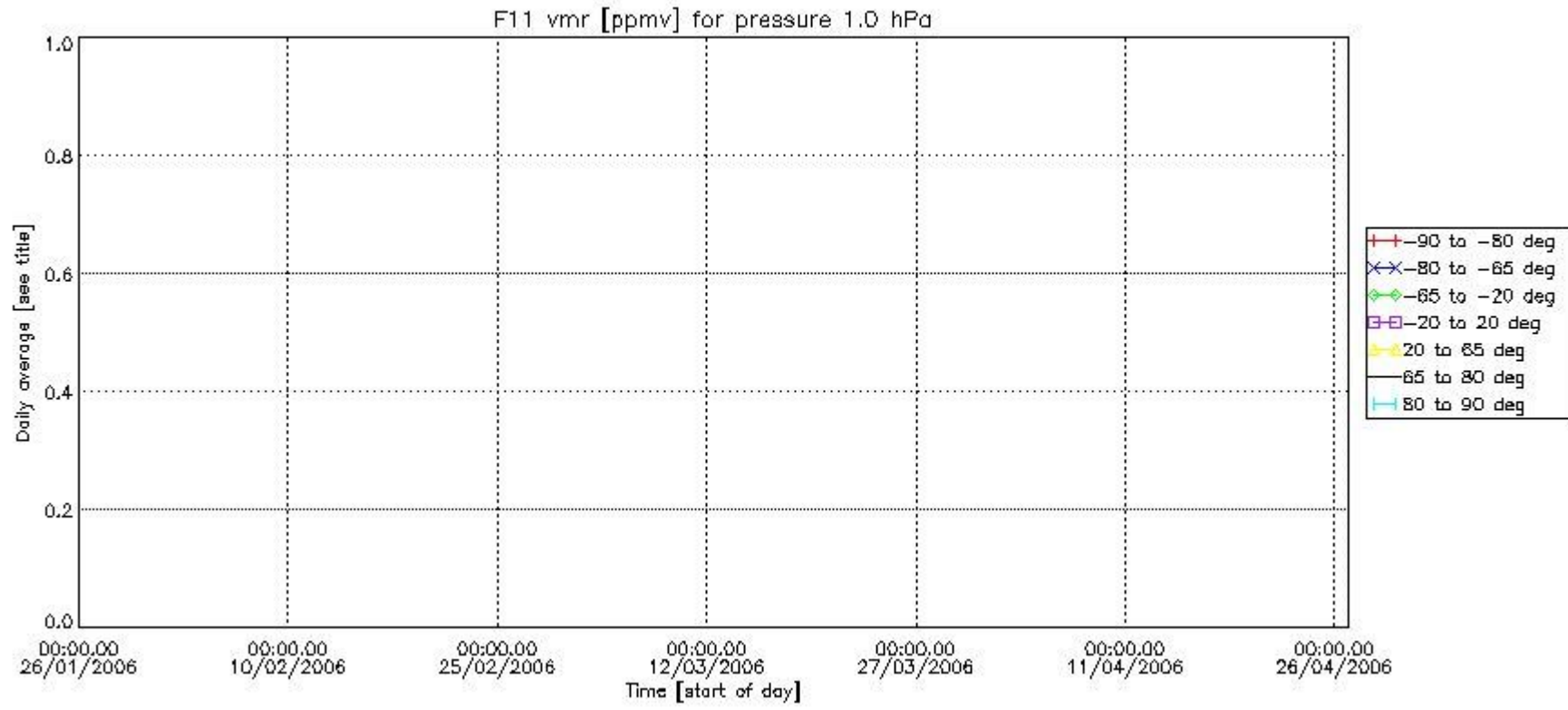


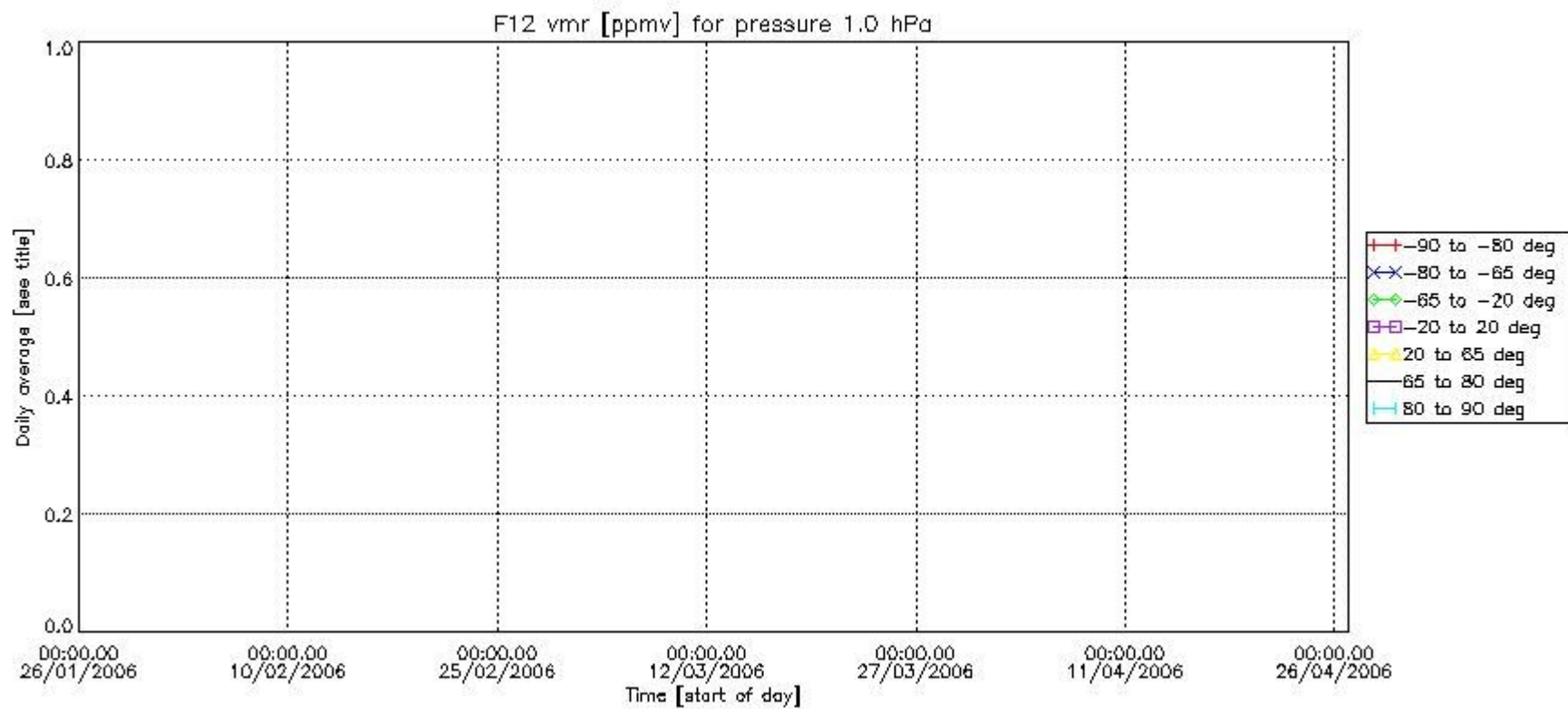
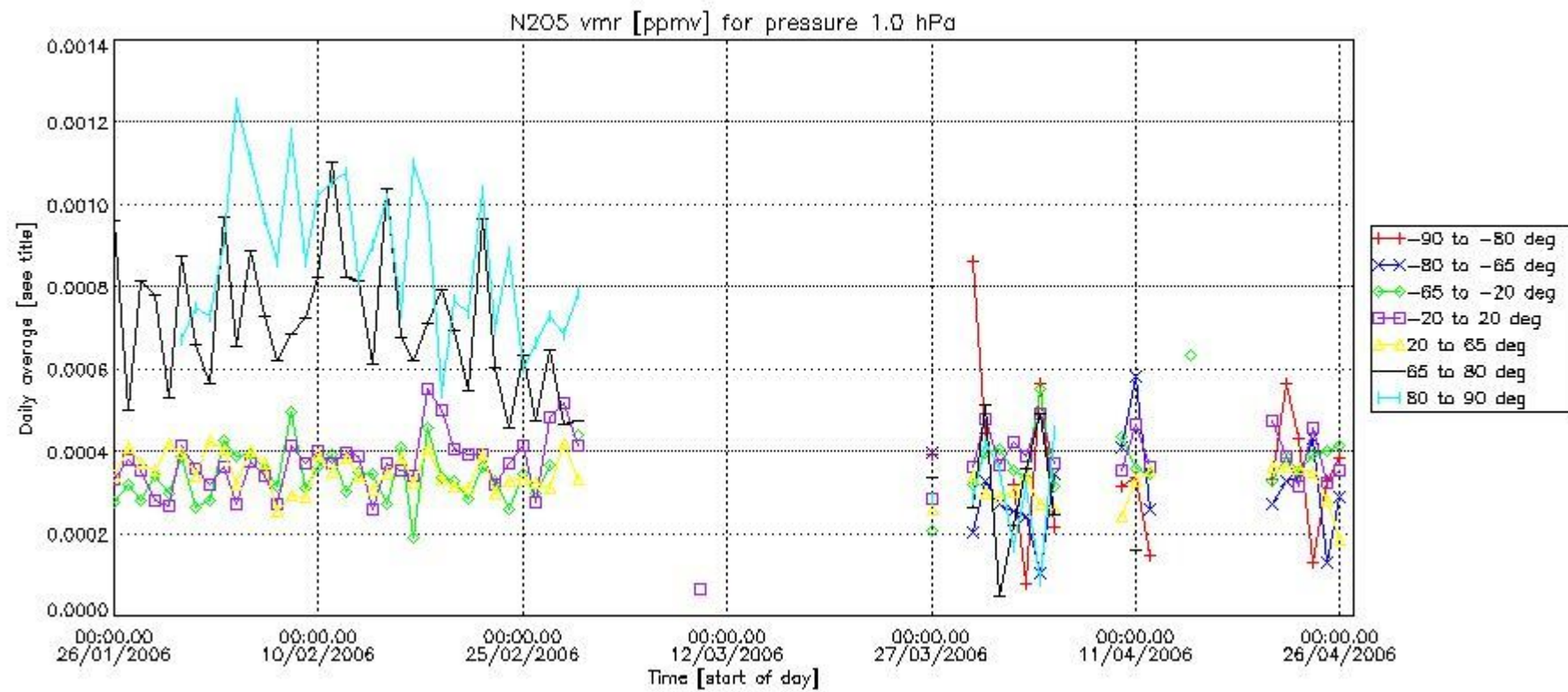


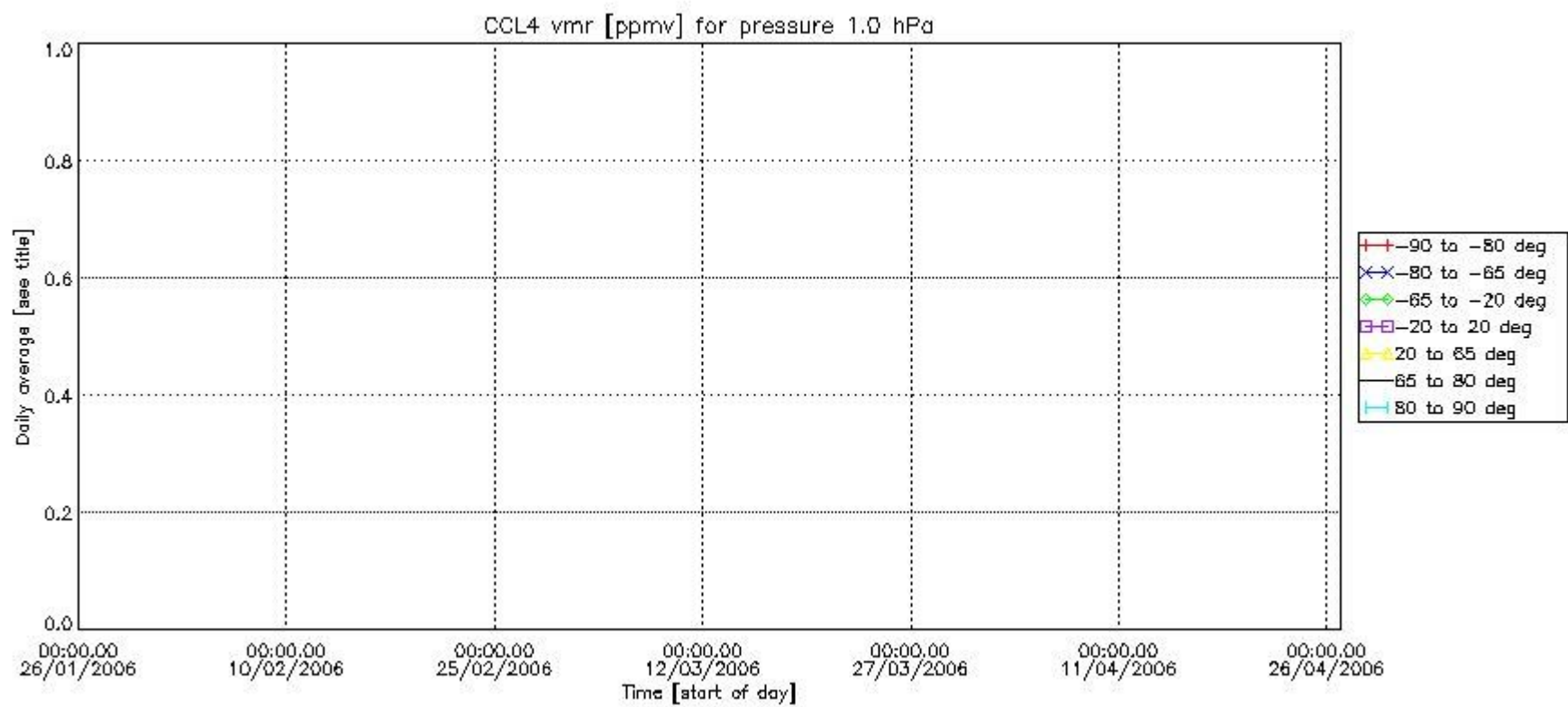
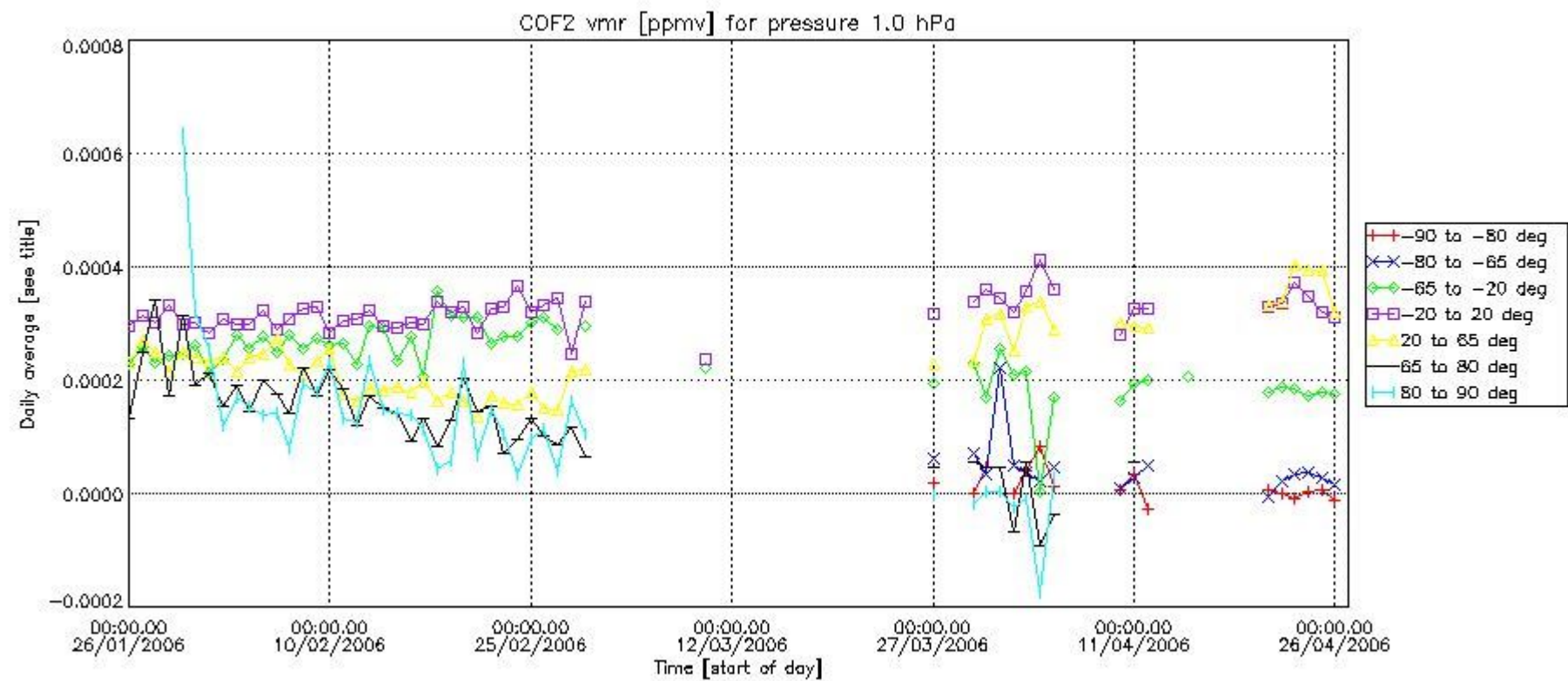


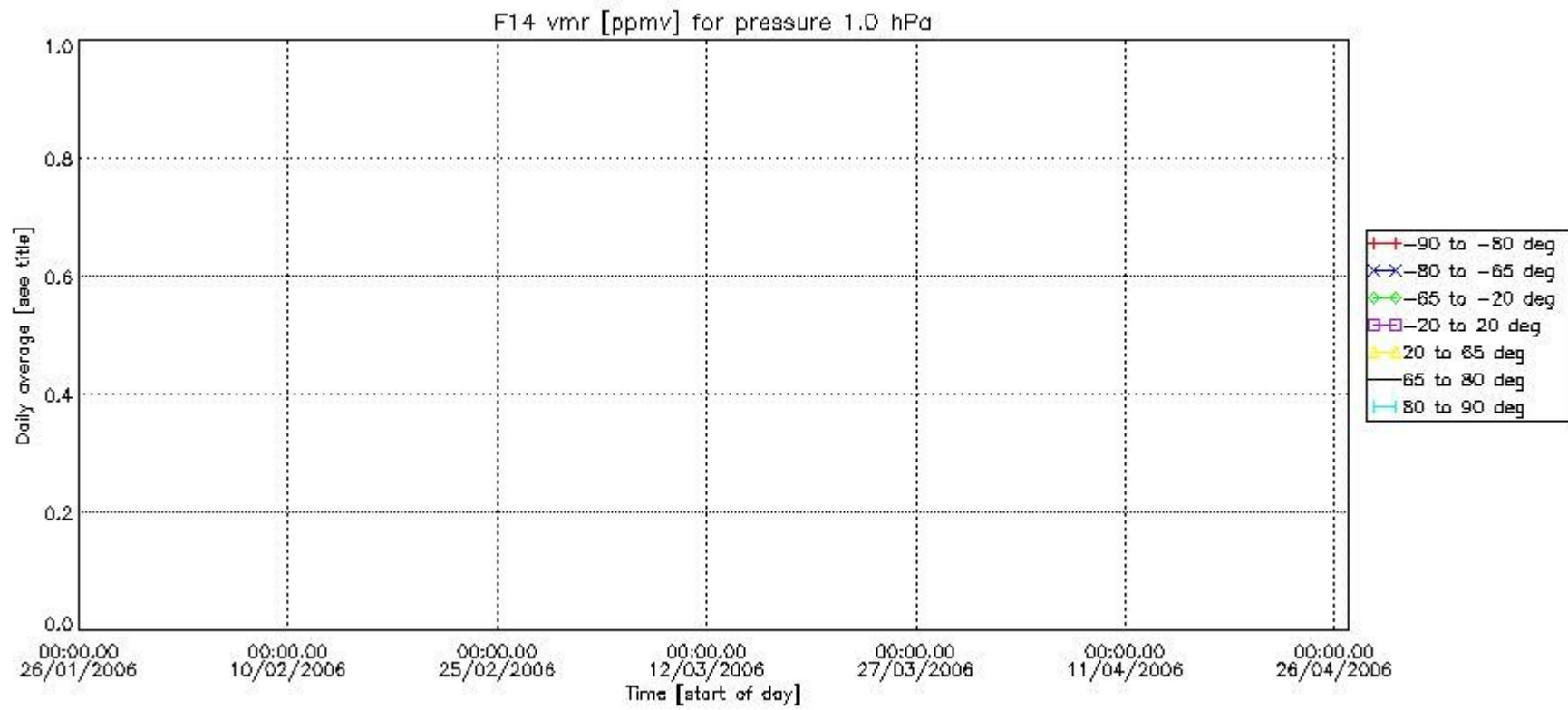
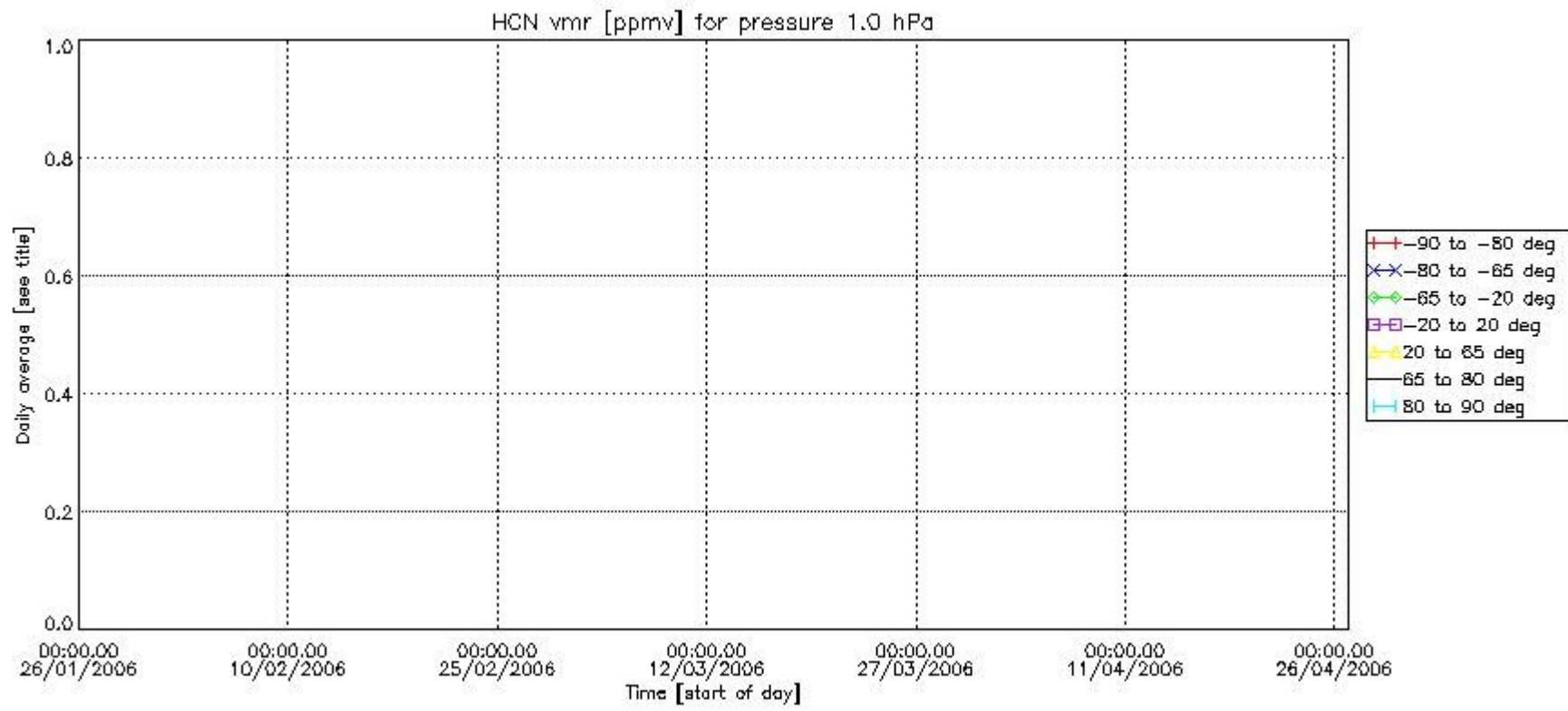


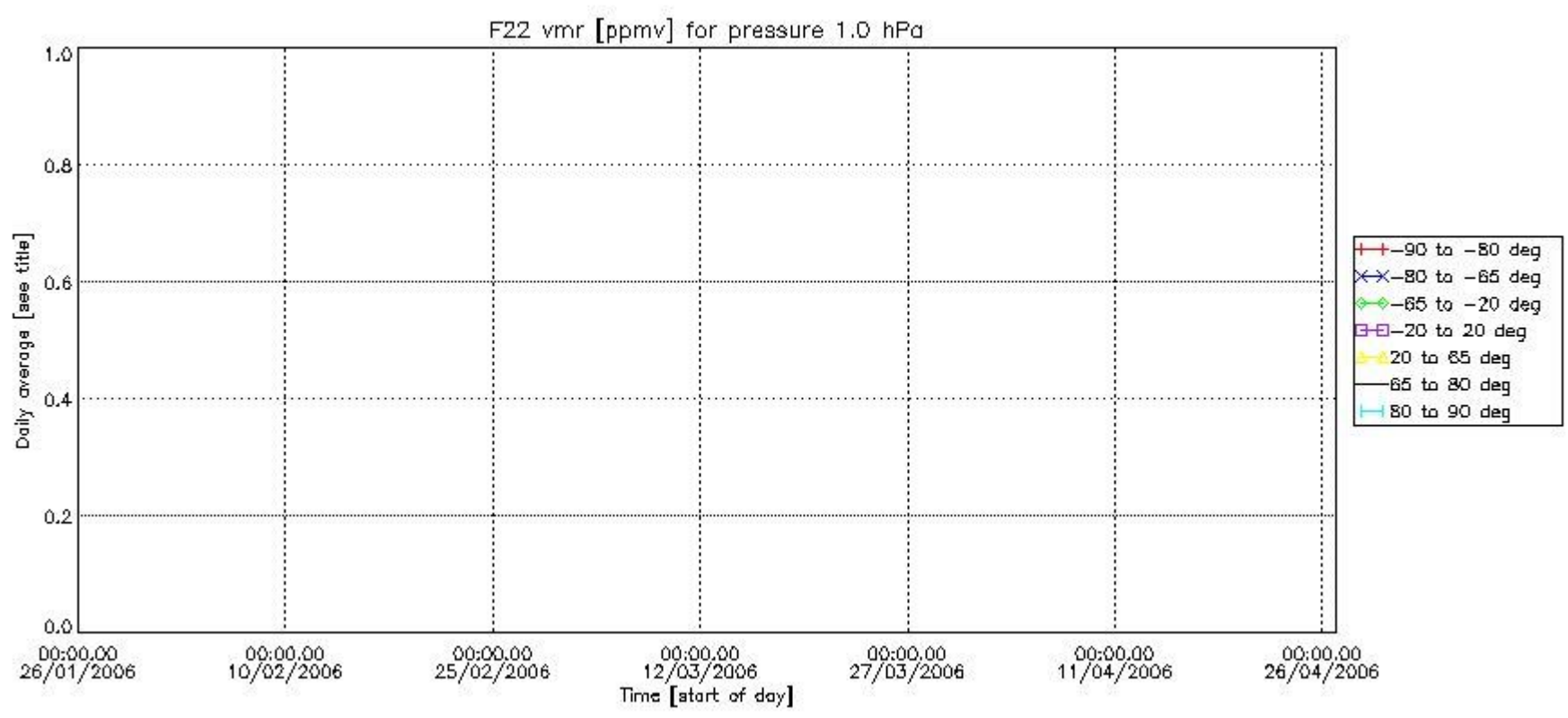












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

