

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060424.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 15:25:35
Data source version	ML2PP/7.03-W
Processing scope for products	24APR2006 00:00:00 to 25APR2006 00:00:00
Start time of first product within scope	24APR2006 07:03:14
Stop time of last product within scope	24APR2006 22:13:44
Total number of level 2 products	5
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__2PWDSI20060424_070314_000042802047_00092_21689_1000.N1	24APR2006 07:03:14	24APR2006 08:14:34	0	90/90	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]
1	MIP_NL__2PWDSI20060424_081524_000060302047_00093_21690_1000.N1	24APR2006 08:15:24	24APR2006 09:55:54	0	110/110	VMR_TERM_MACRO_MICRO[CH4/macro:1; N2O/macro:1; HCN/micro:1]
2	MIP_NL__2PWDSI20060424_095600_000020122047_00094_21691_1000.N1	24APR2006 09:56:00	24APR2006 10:29:33	0	44/44	VMR_TERM_MACRO_MICRO[HCN/micro:1; F14/micro:1]
3	MIP_NL__2PWDSI20060424_201315_000051672047_00100_21697_1000.N1	24APR2006 20:13:15	24APR2006 21:39:22	0	109/109	VMR_TERM_MACRO_MICRO[HCN/macro:3; F14/micro:1]
4	MIP_NL__2PWDSI20060424_214012_000020122047_00101_21698_1000.N1	24APR2006 21:40:12	24APR2006 22:13:44	0	44/44	

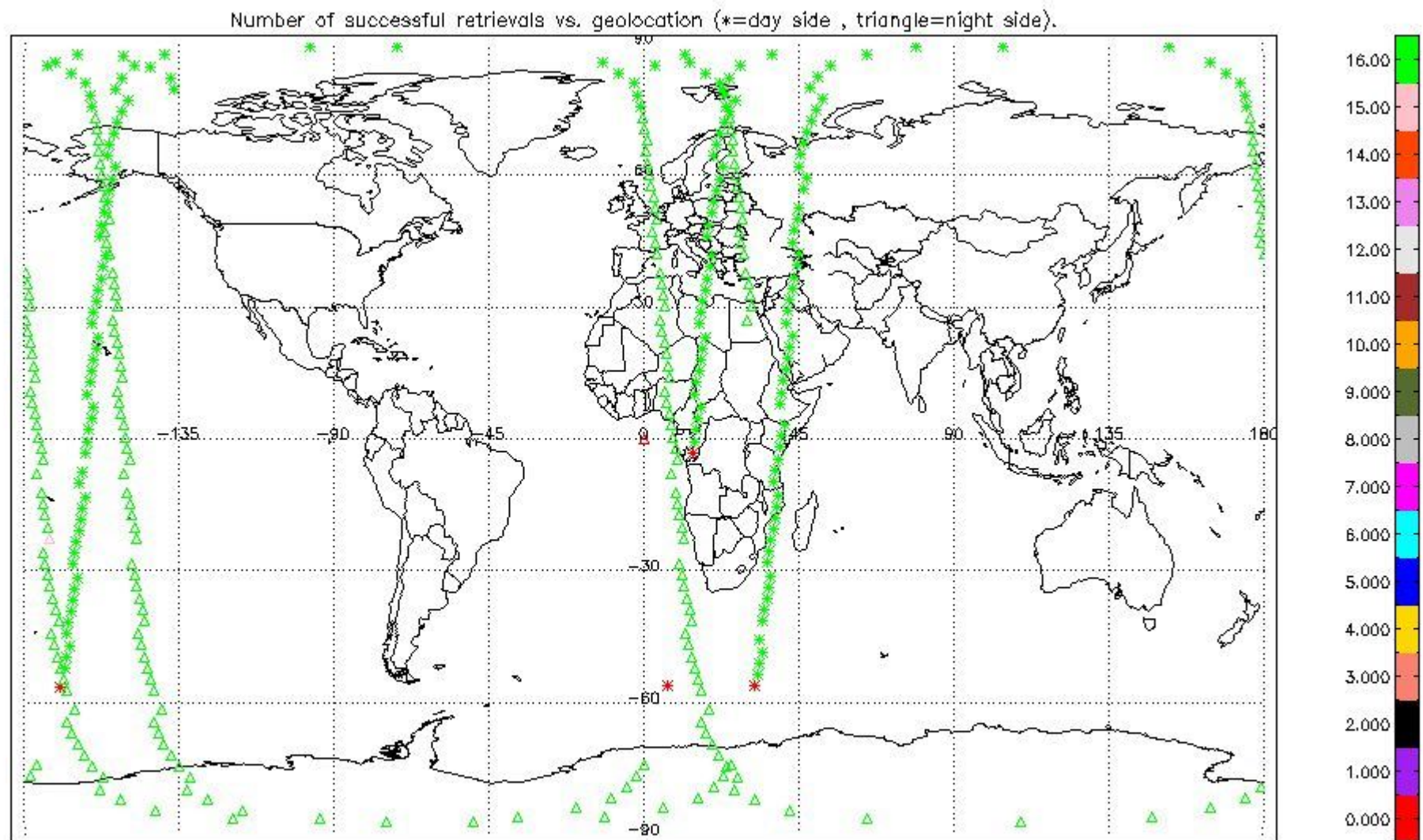
2.2 Processing performance indicators

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.

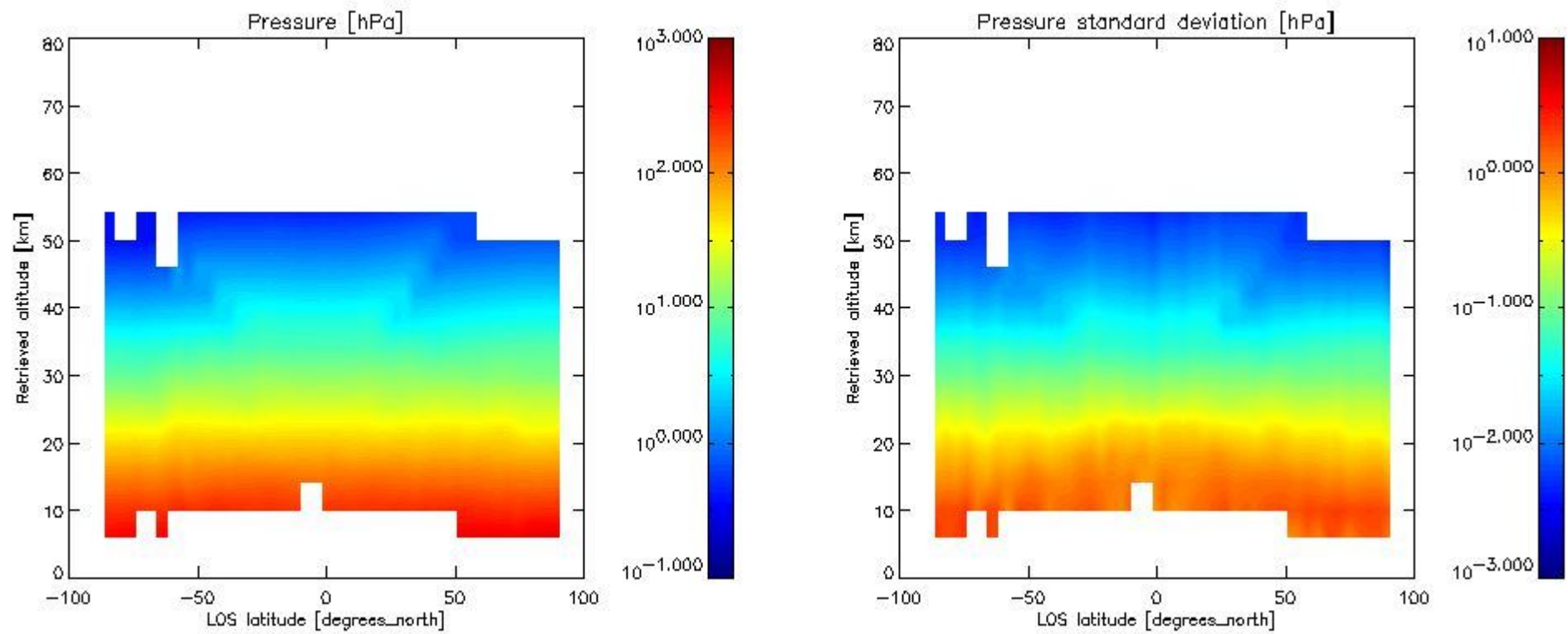
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	397	390	98.237
H2O	397	390	98.237
O3	397	390	98.237
HNO3	397	390	98.237
CH4	397	390	98.237

N2O	397	390	98.237
NO2	397	390	98.237
F11	397	390	98.237
CLNO	397	390	98.237
N2O5	397	390	98.237
F12	397	389	97.985
COF2	397	390	98.237
CCL4	397	390	98.237
HCN	397	390	98.237
F14	397	390	98.237
F22	397	390	98.237



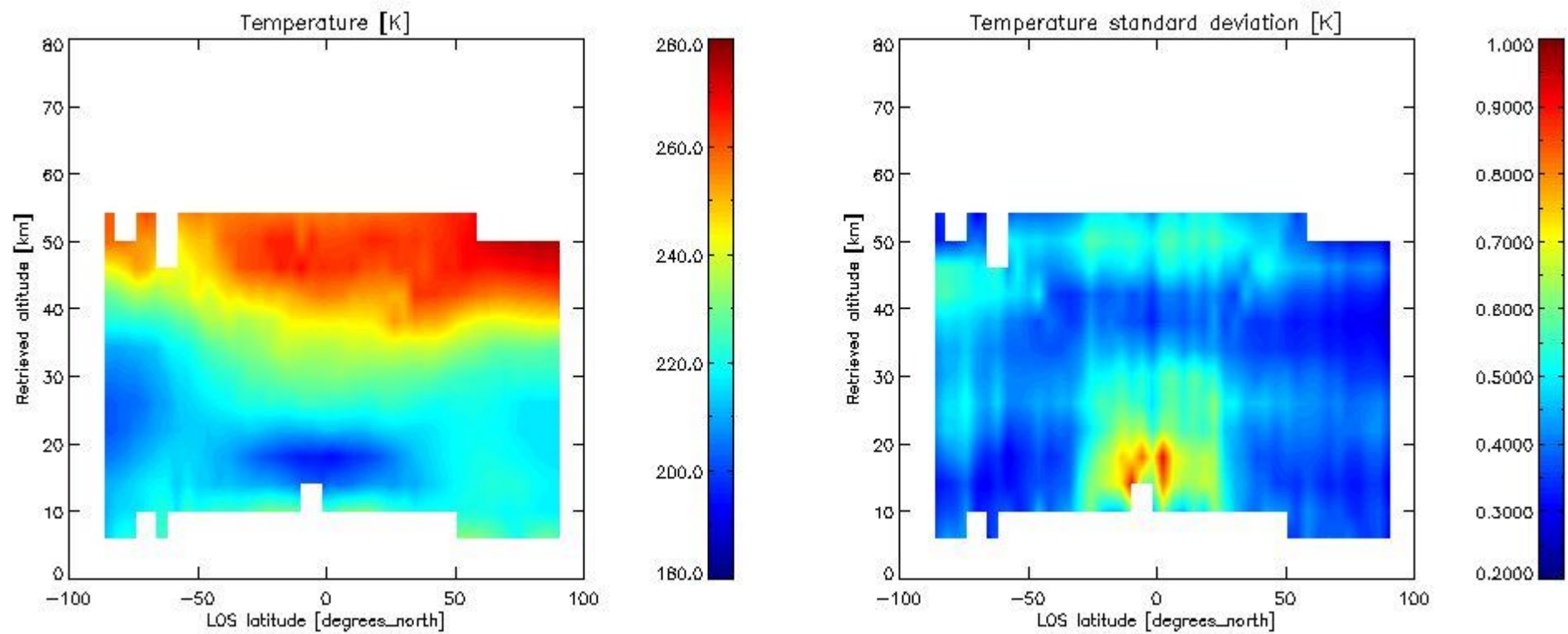
2.2.2 Pressure overview

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



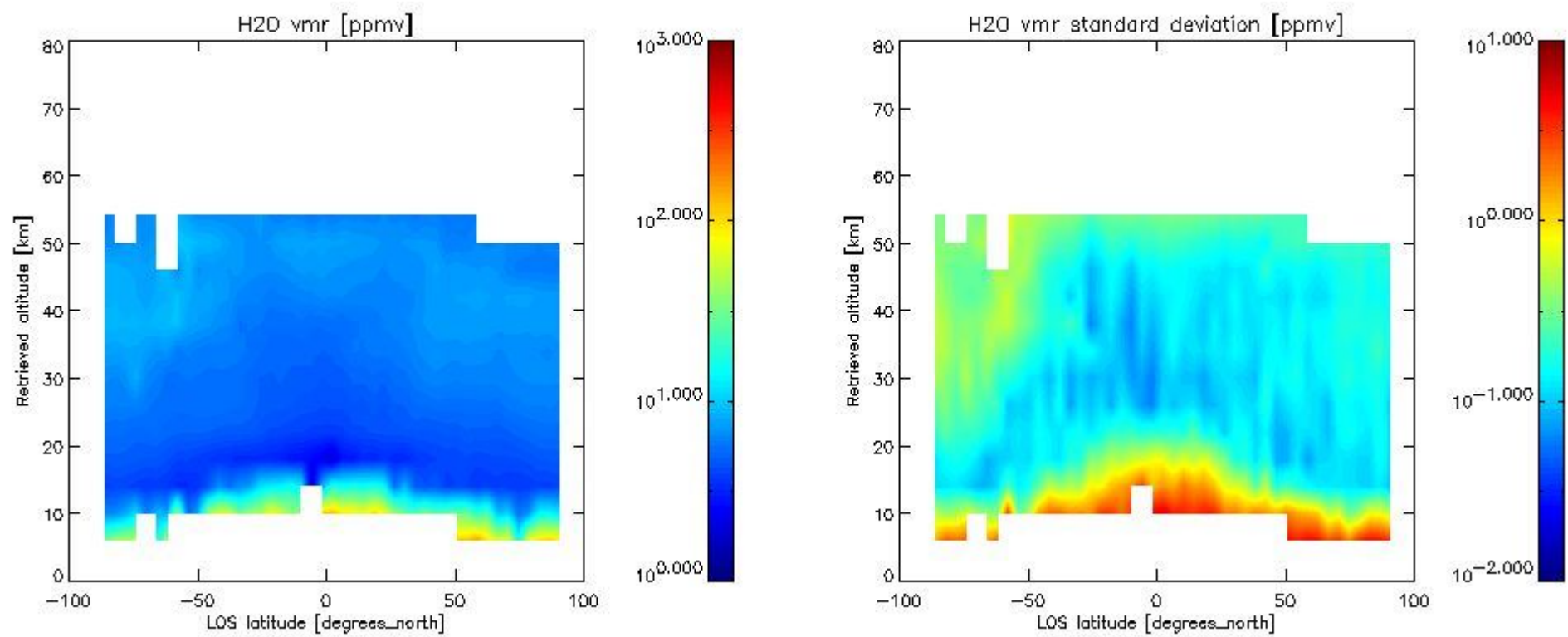
2.2.3 Temperature overview

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

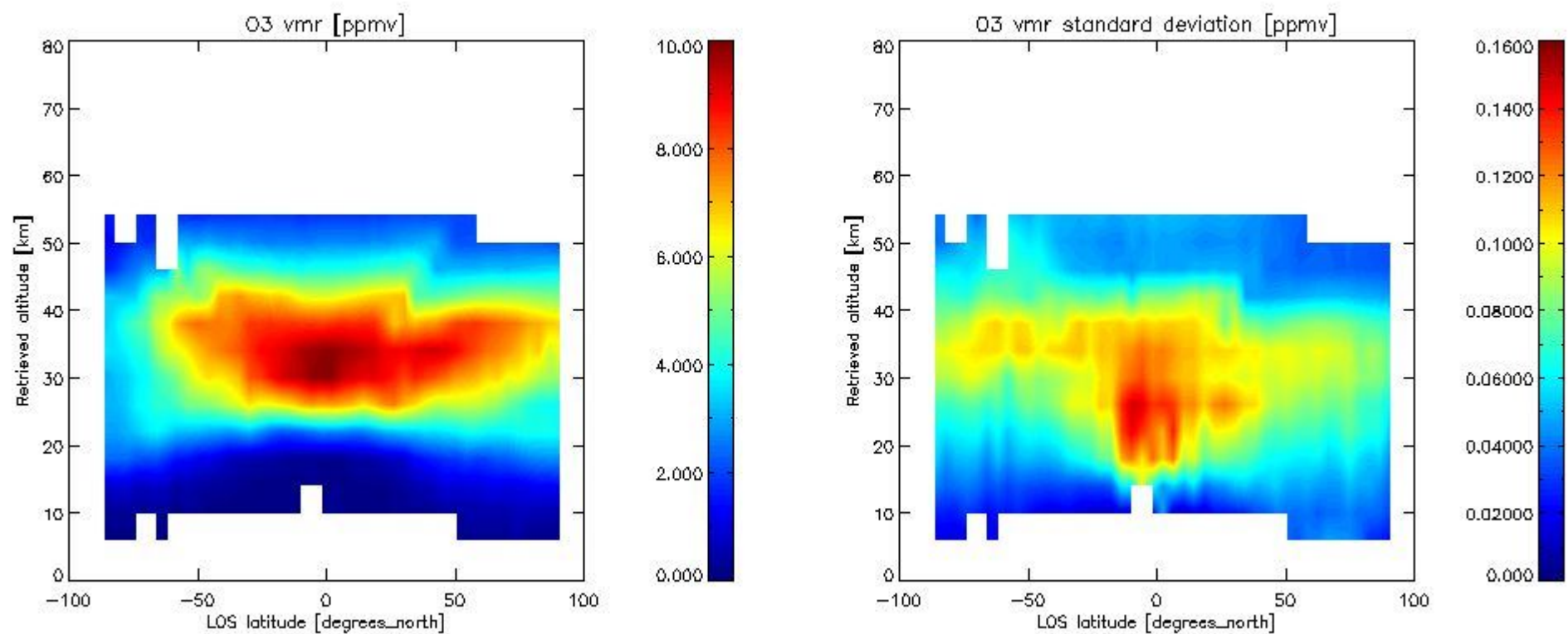


2.2.4 Species overview

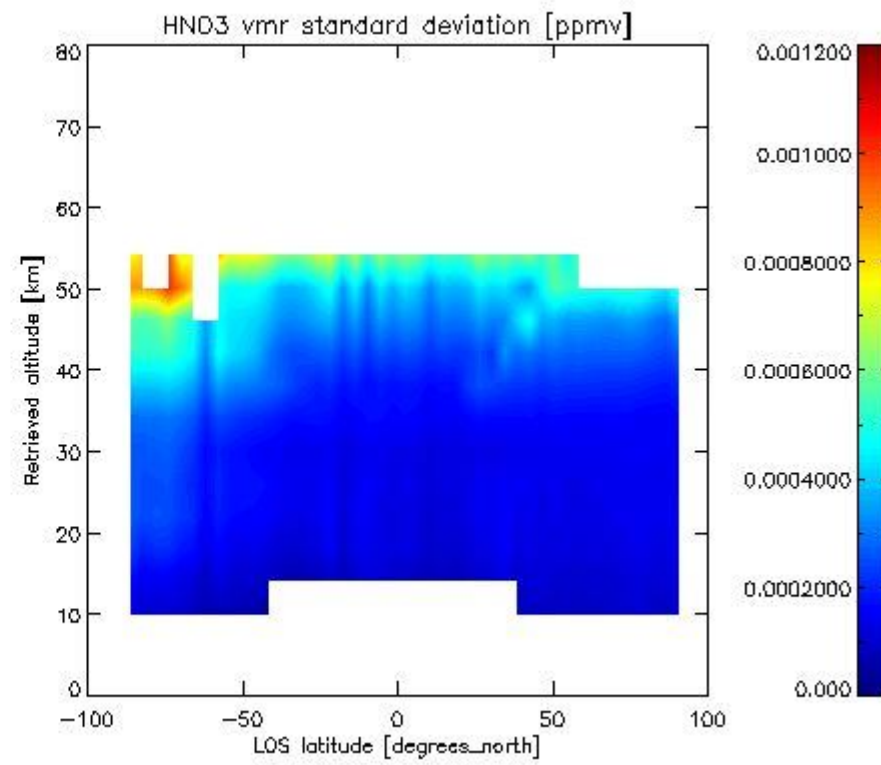
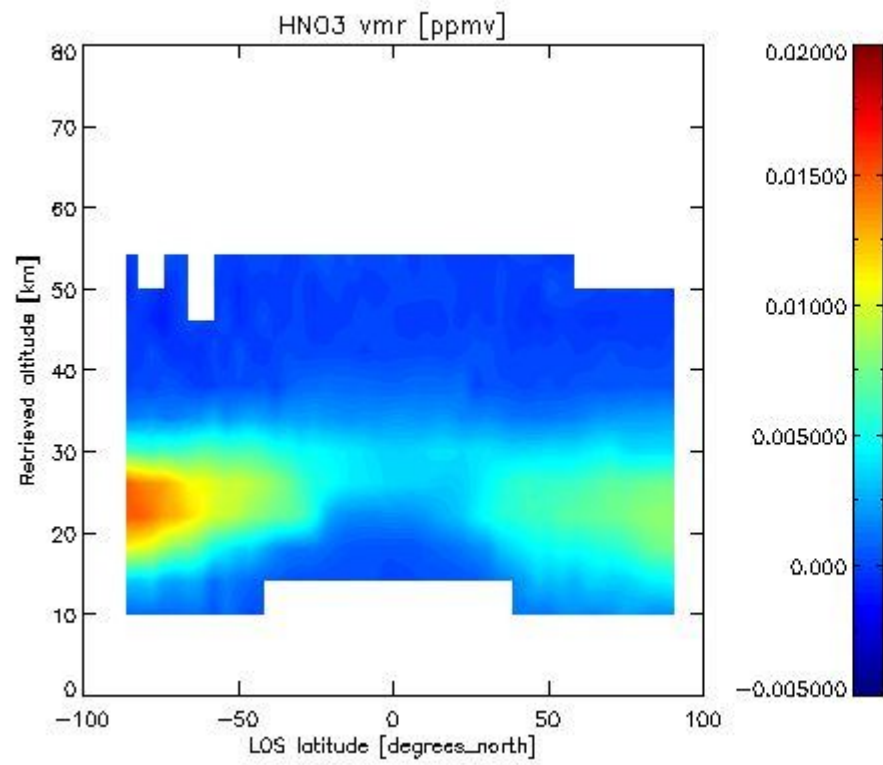
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



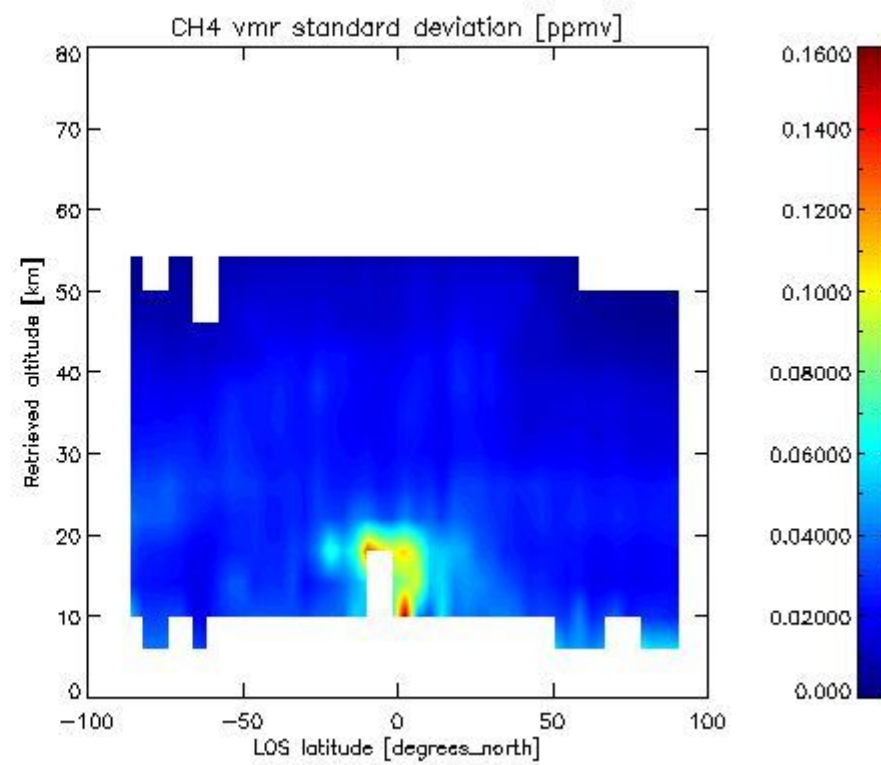
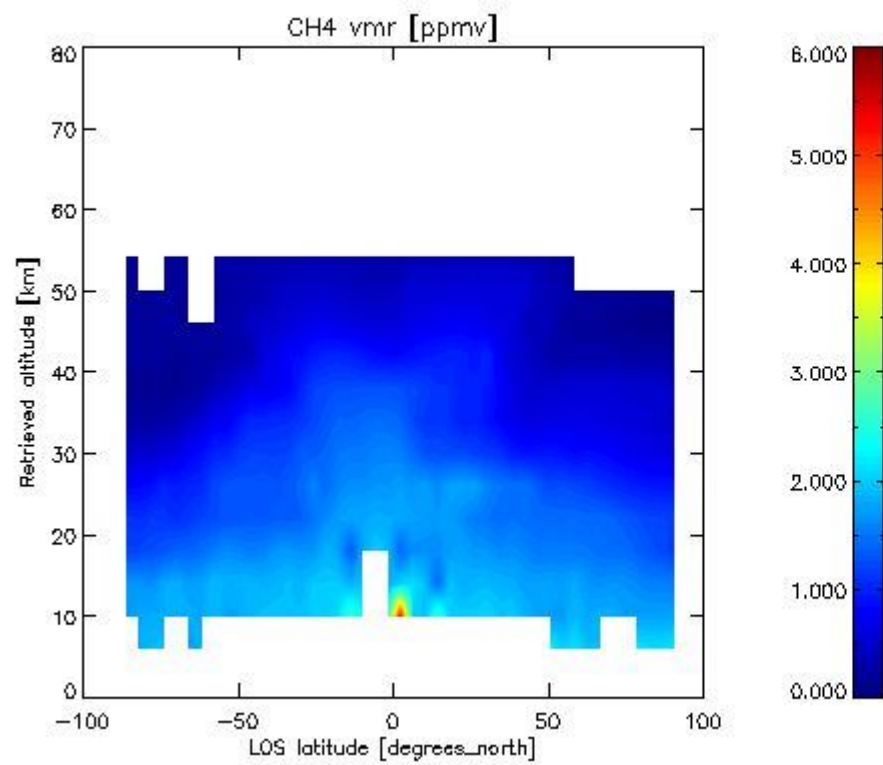
2.2.4.2 O₃ overview This section shows values (left) and error (right) for O₃ after binning individual sweep values over retrieved altitude and tangent latitude.



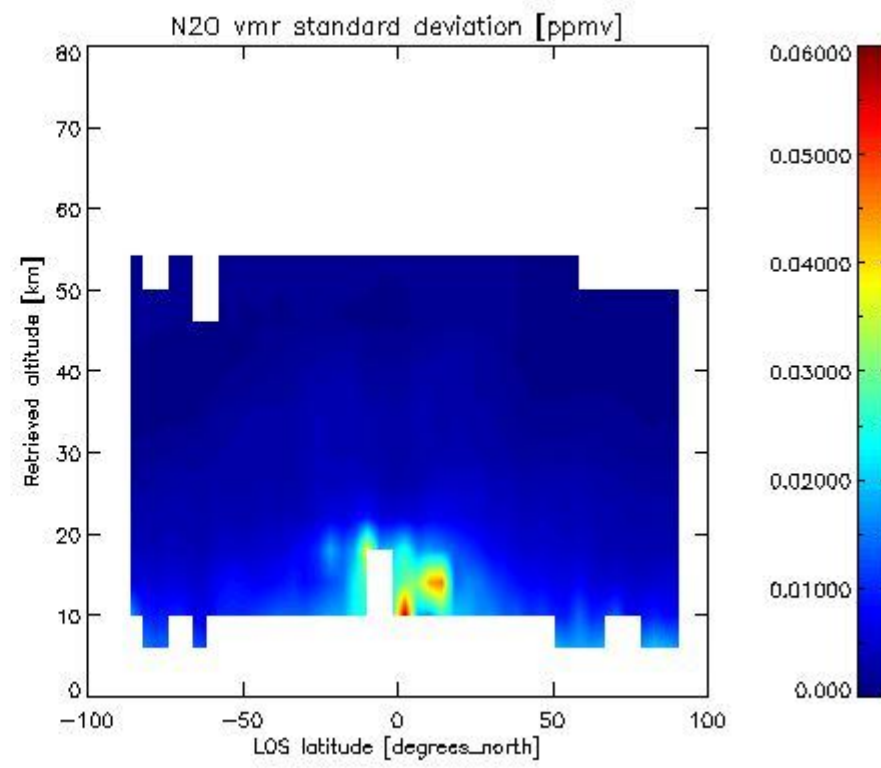
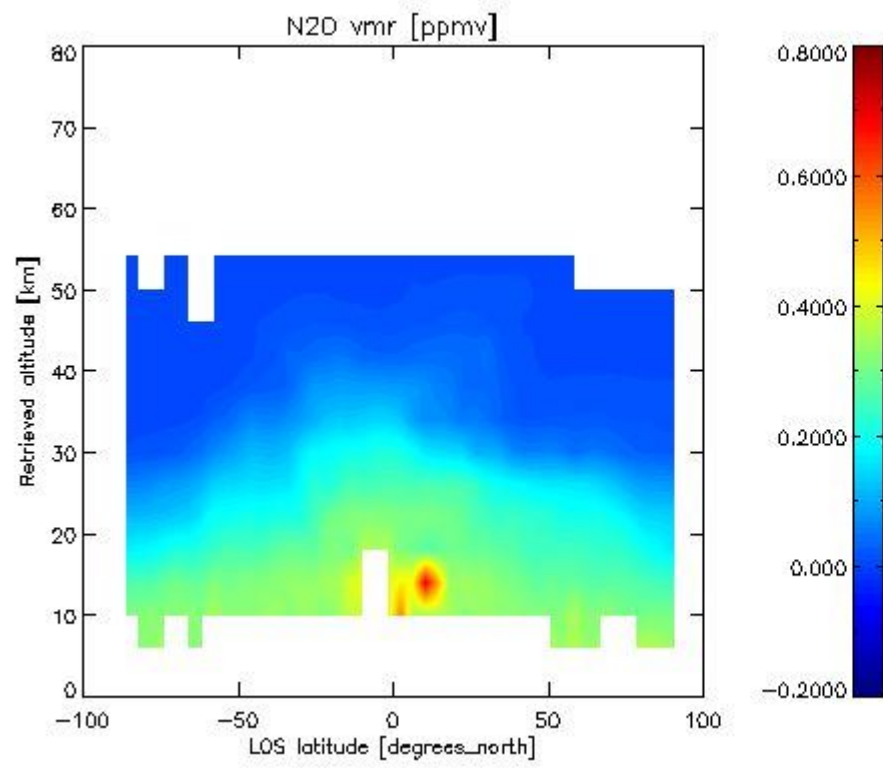
2.2.4.3 HNO₃ overview This section shows values (left) and error (right) for HNO₃ after binning individual sweep values over retrieved altitude and tangent latitude.



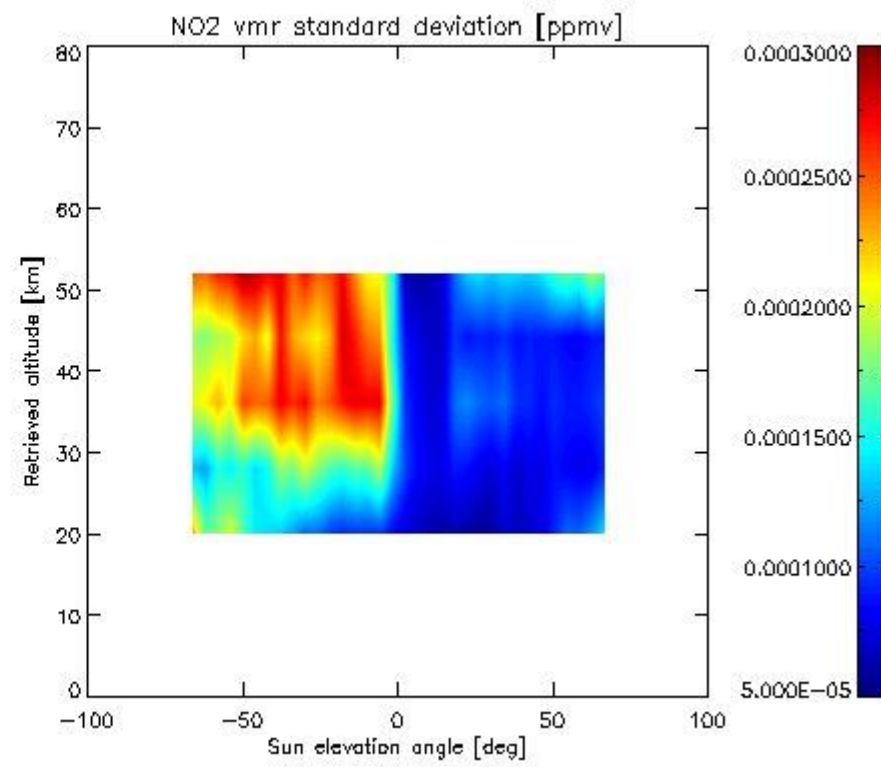
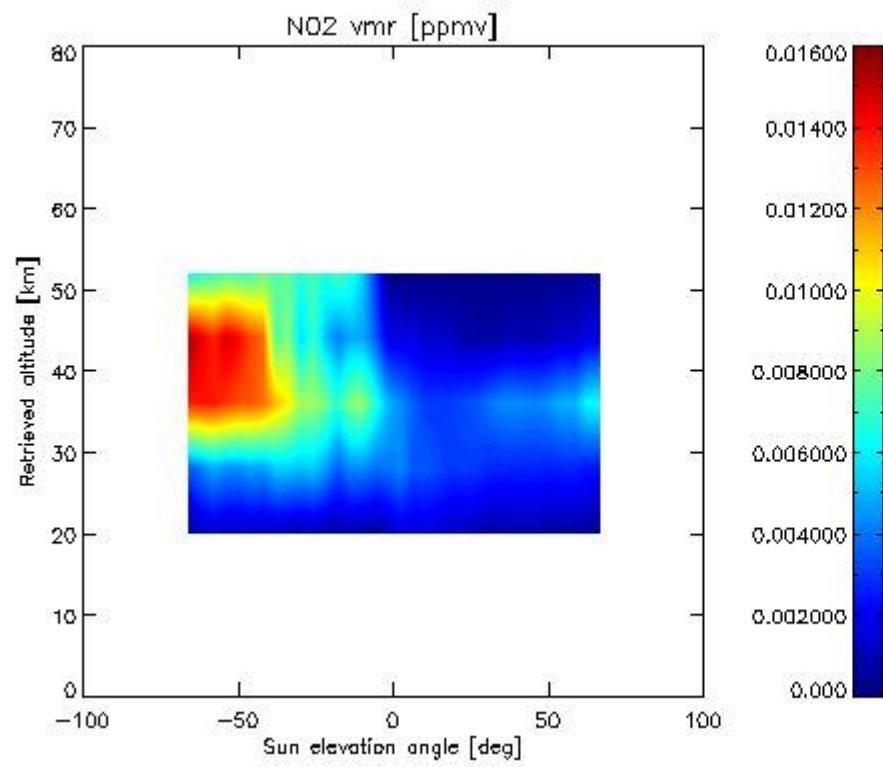
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



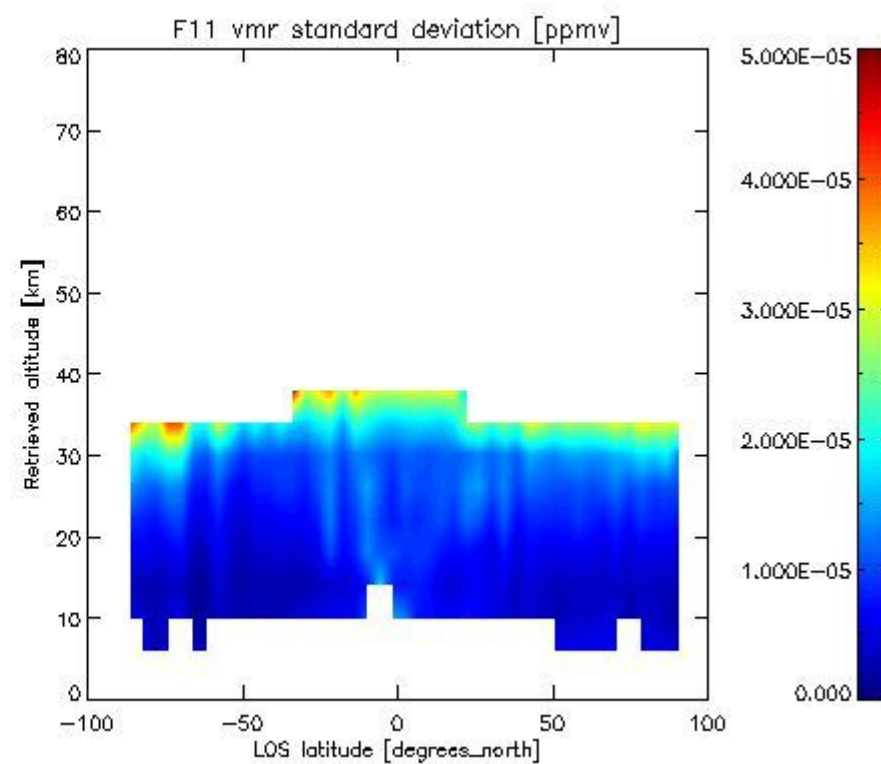
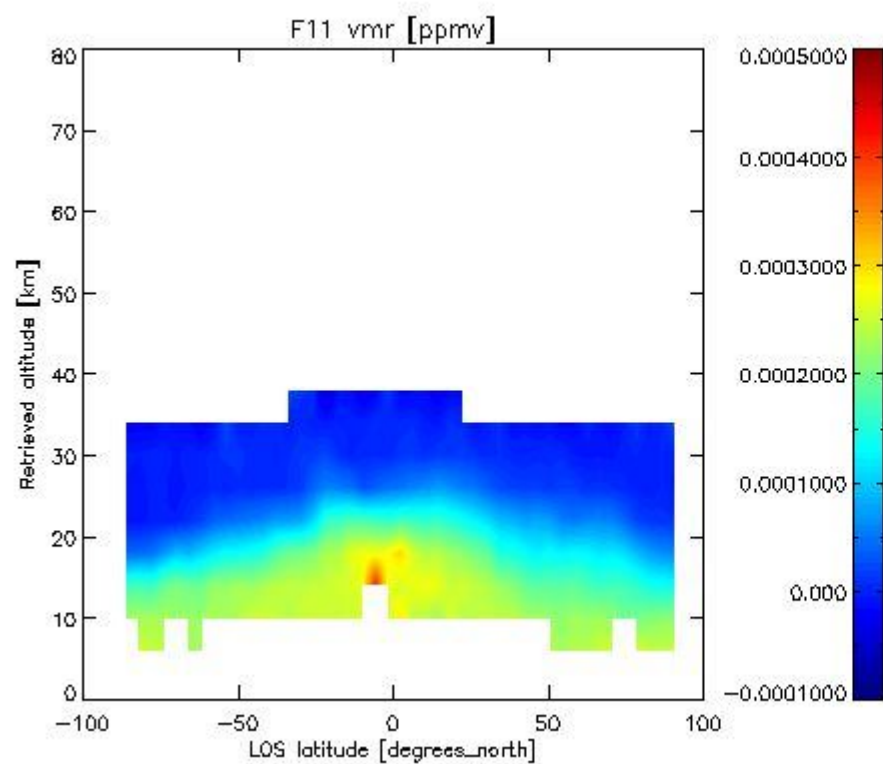
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



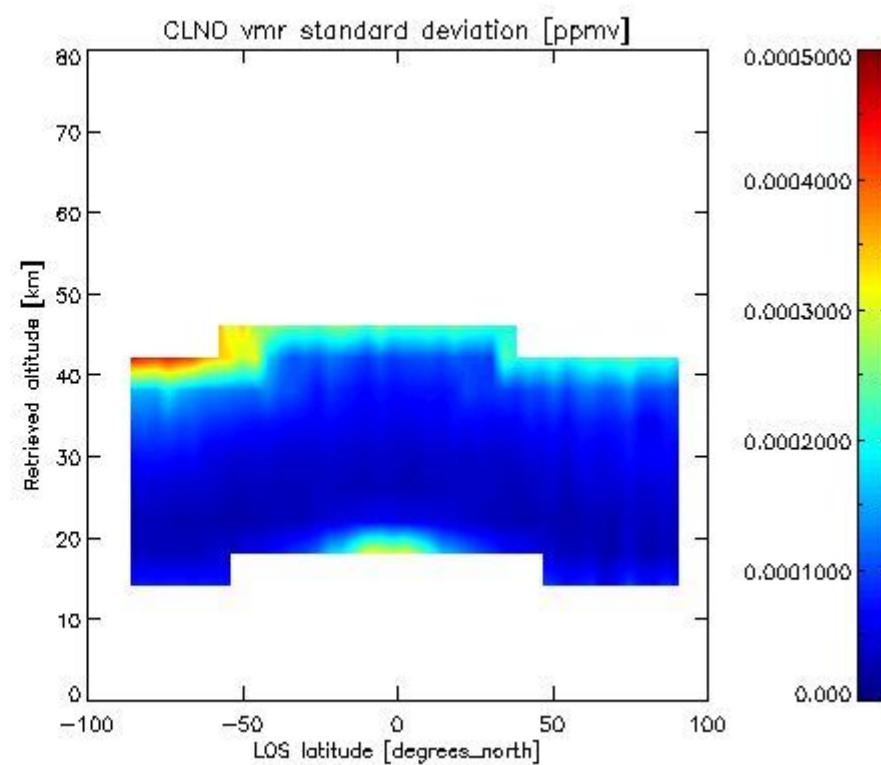
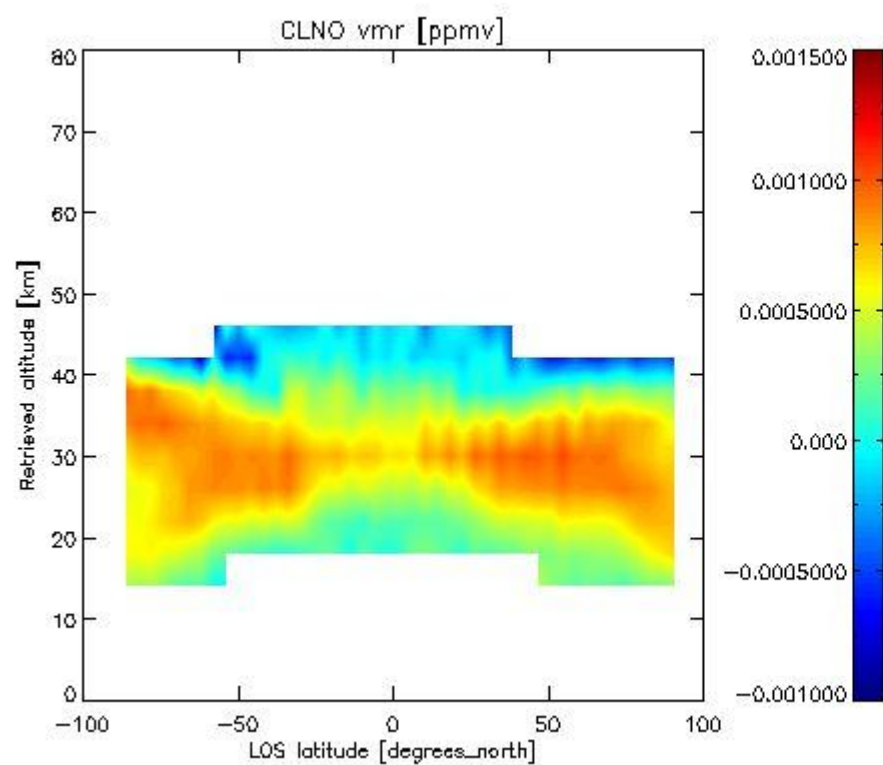
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

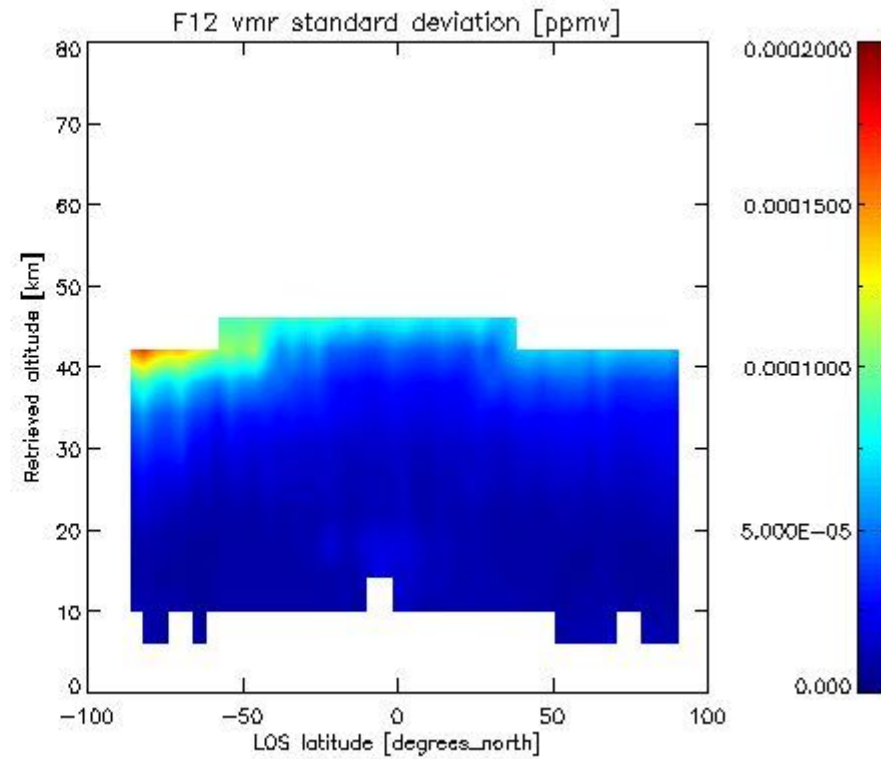
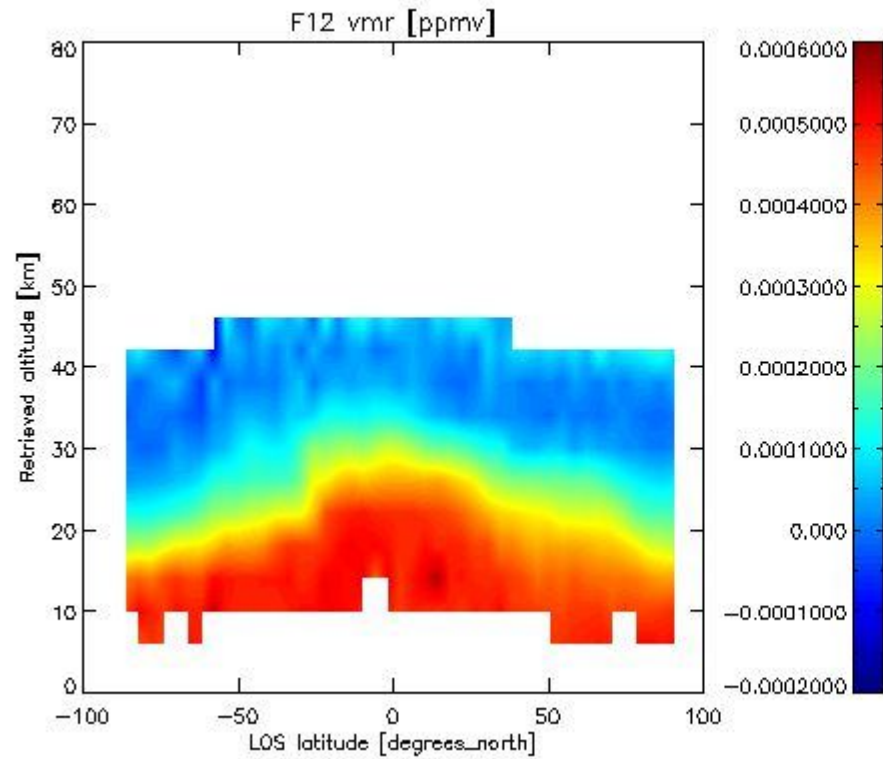
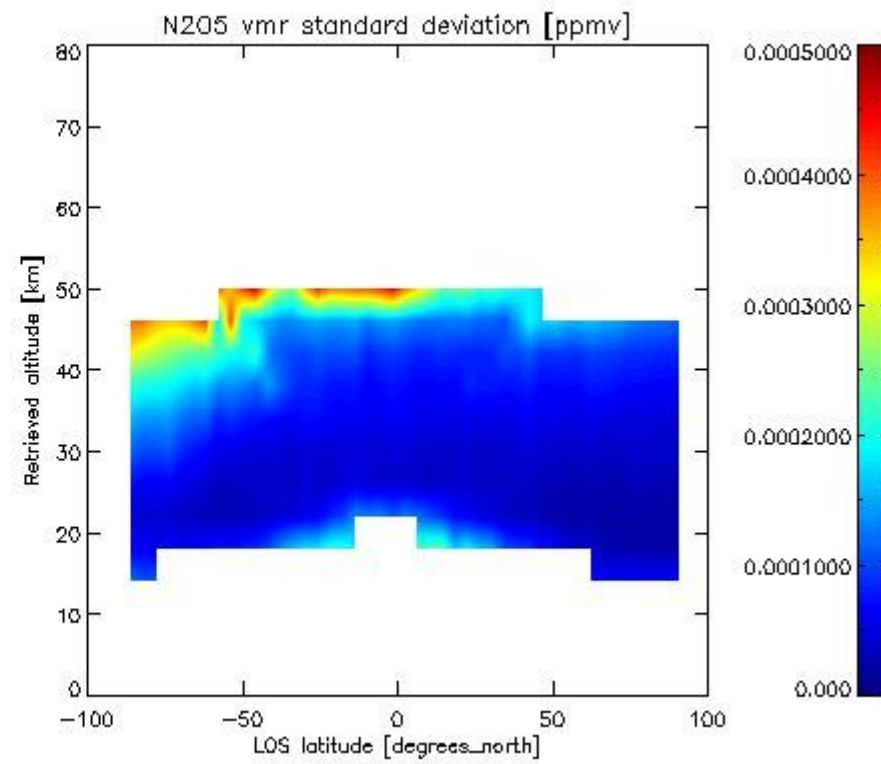
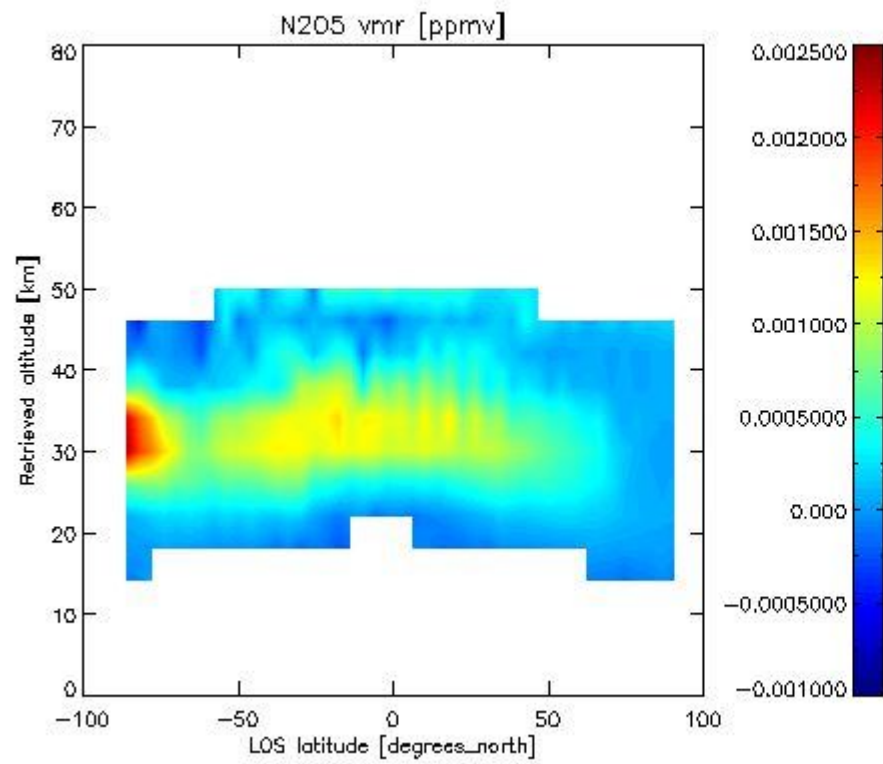


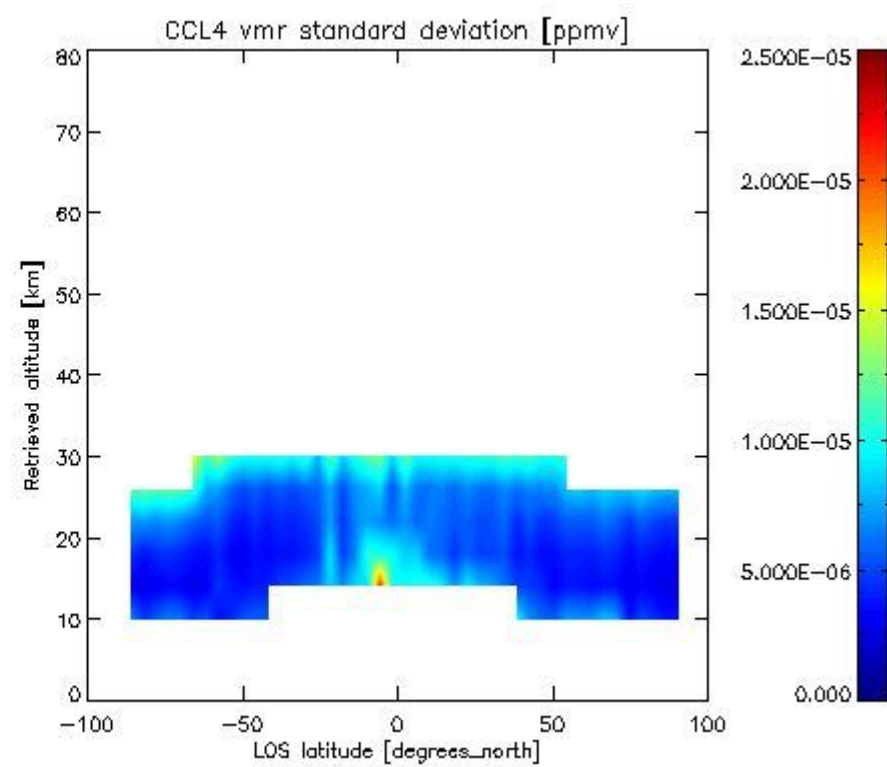
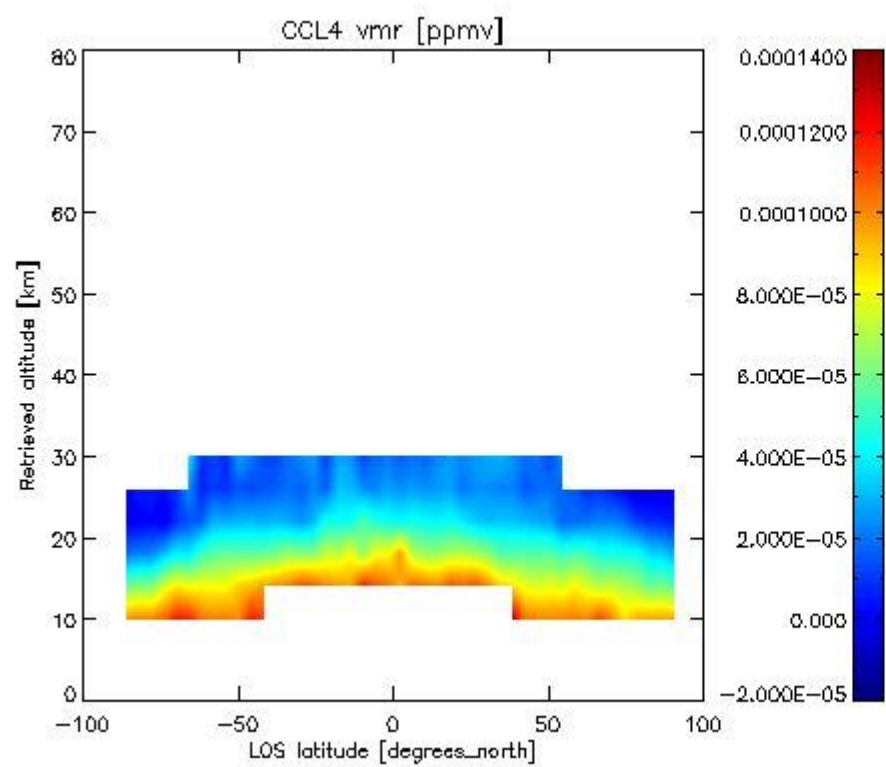
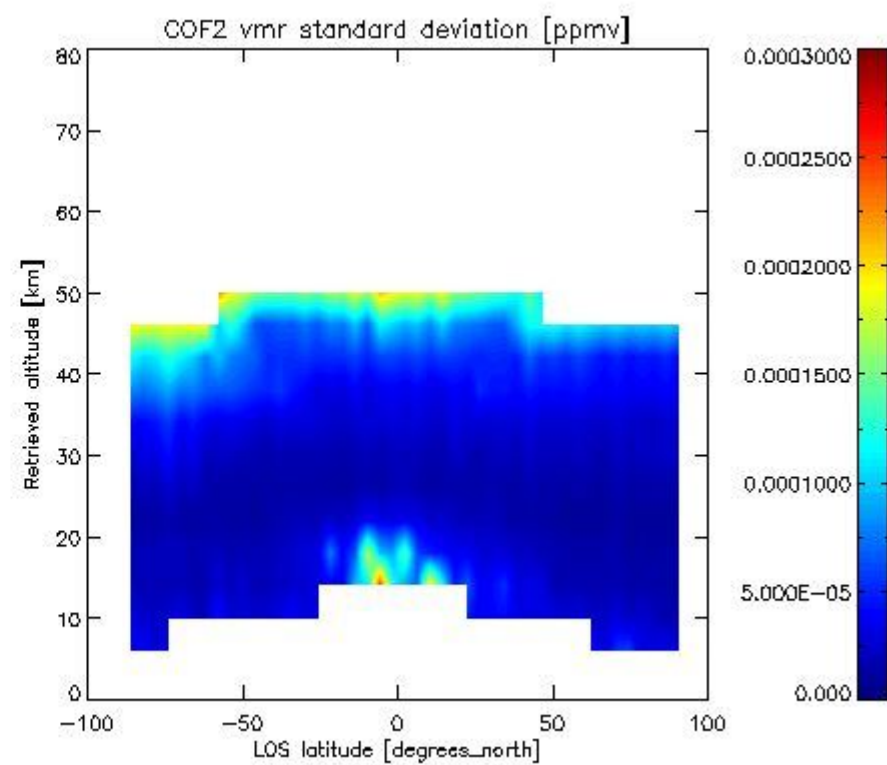
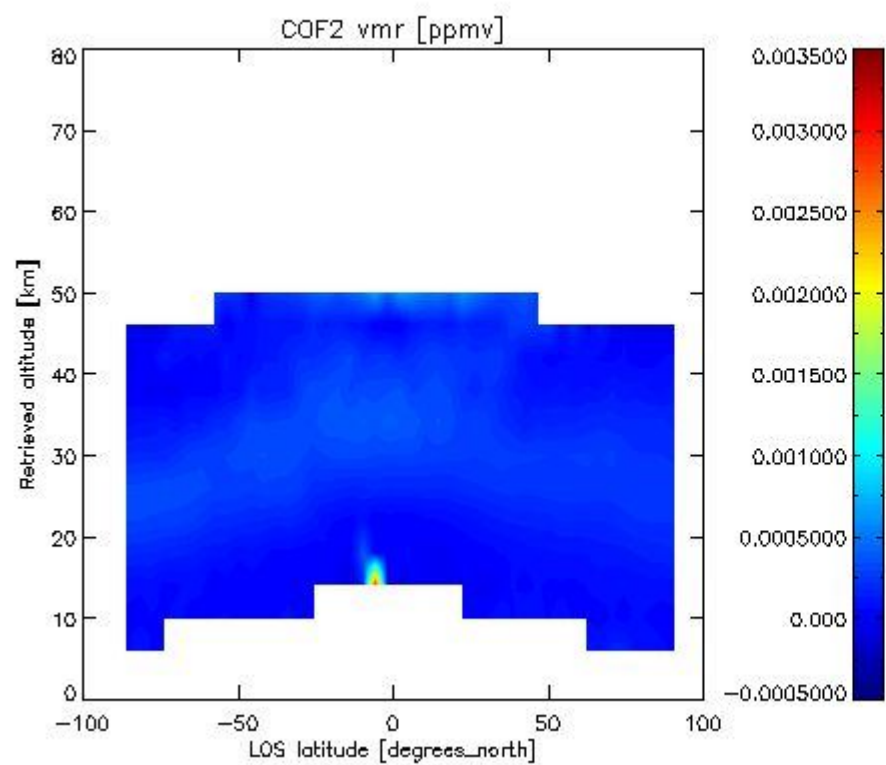
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

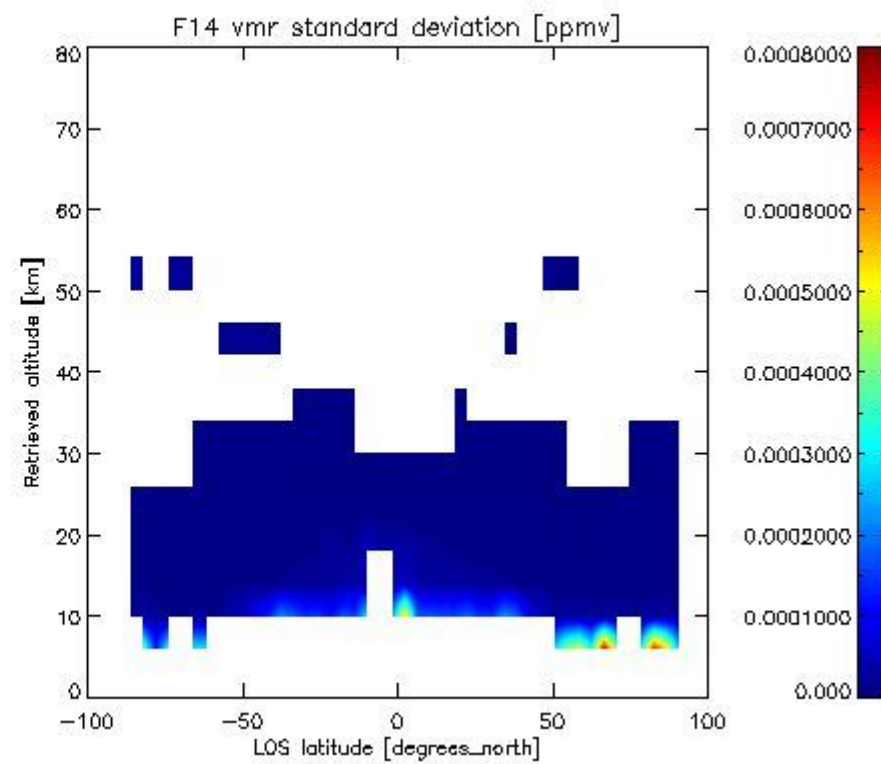
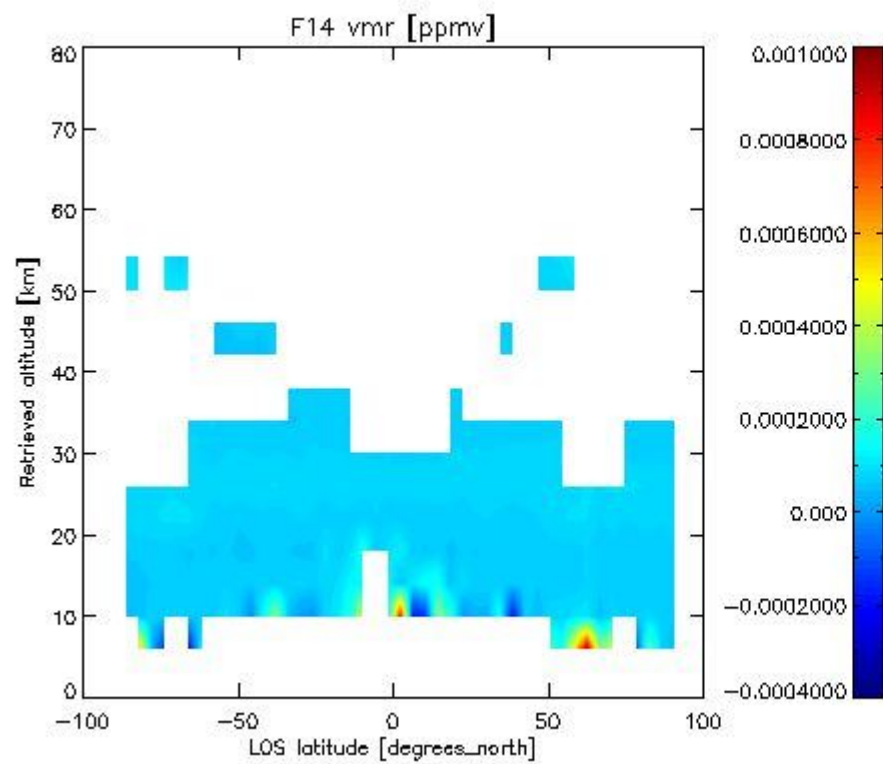
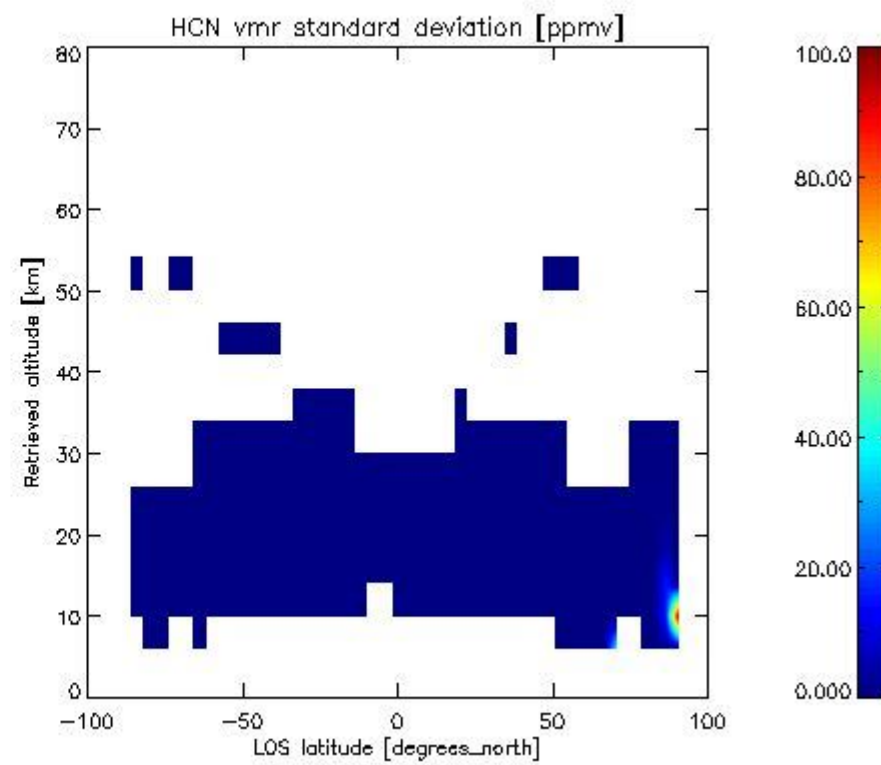
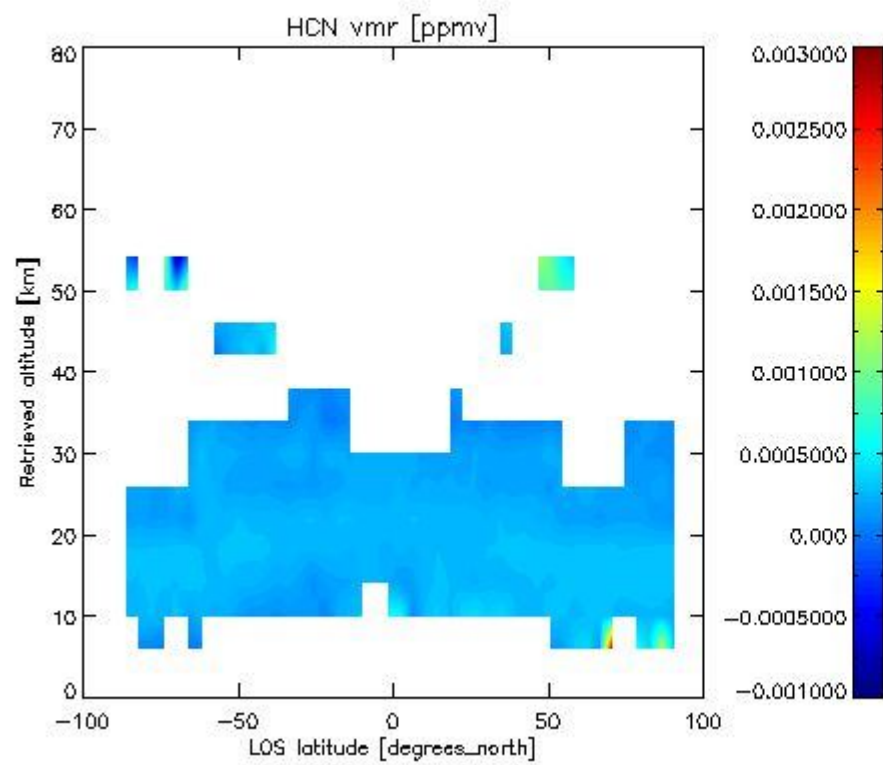


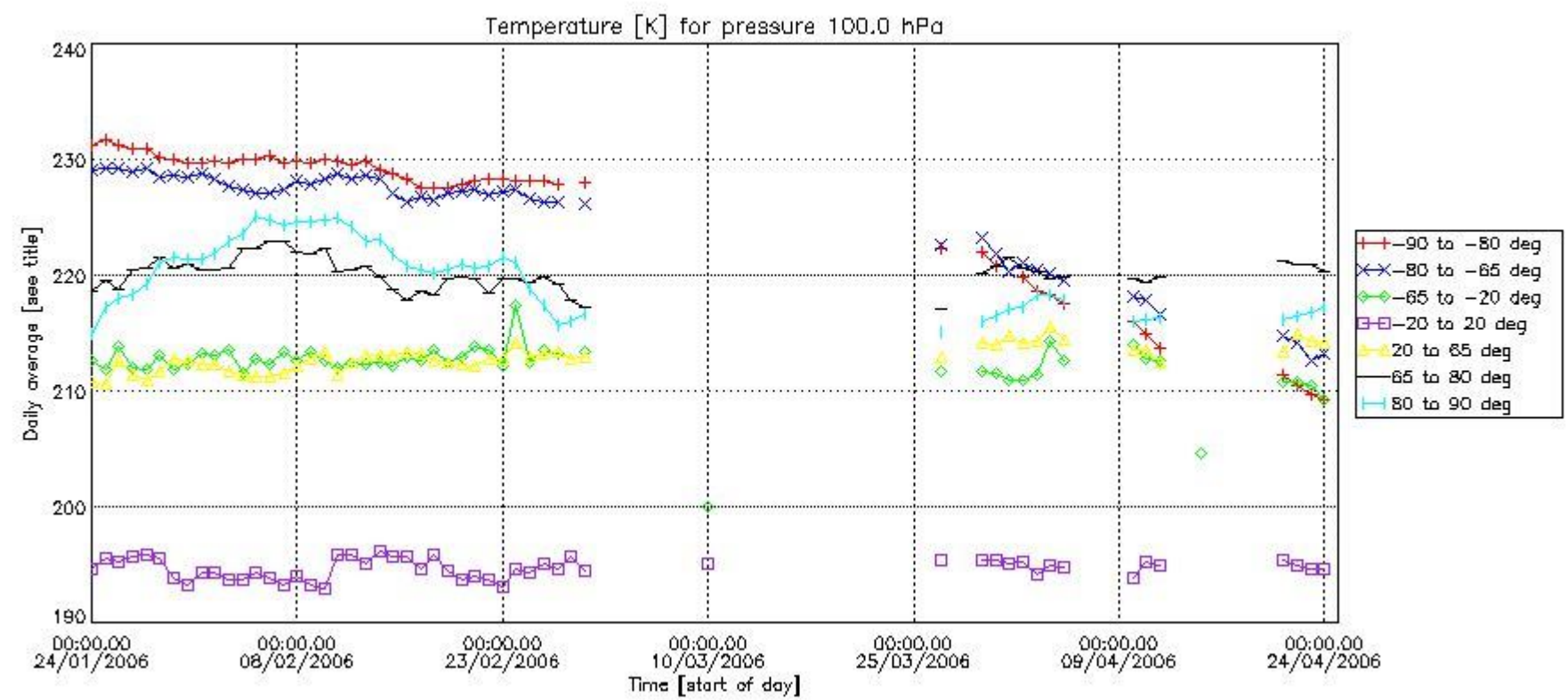
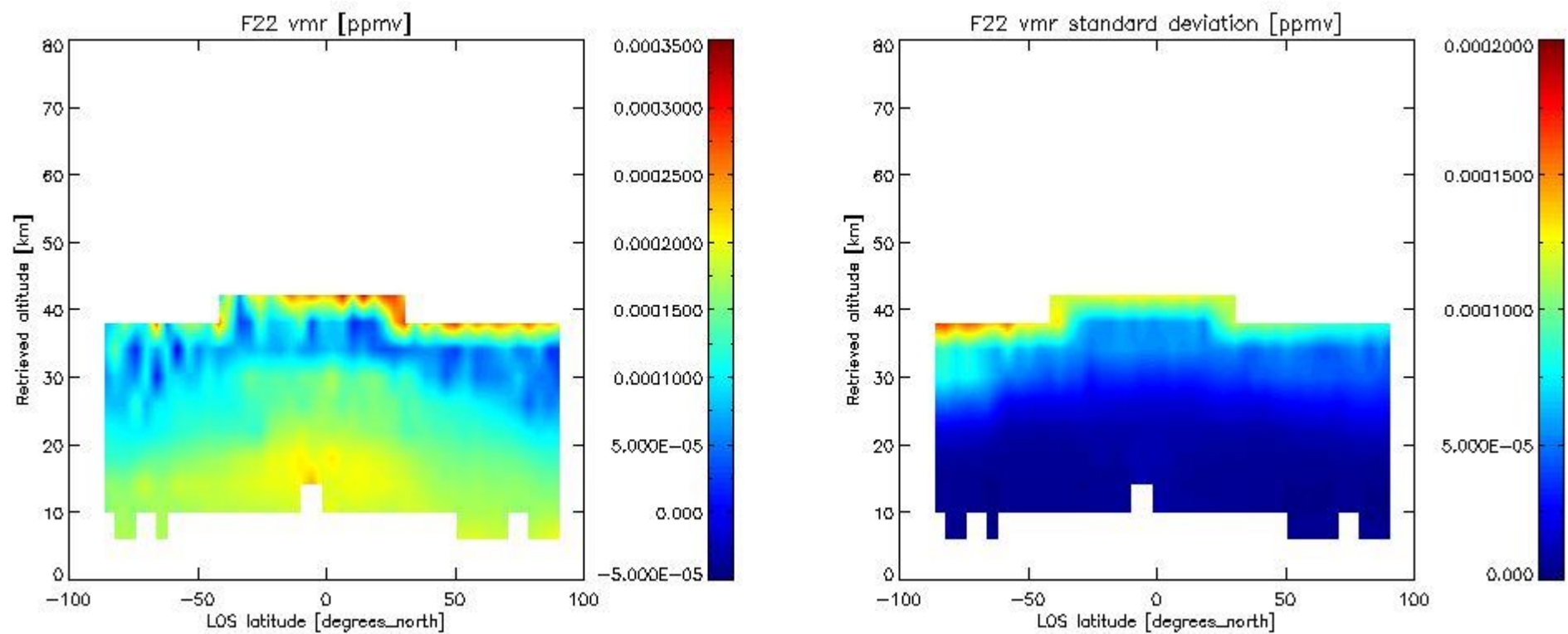
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

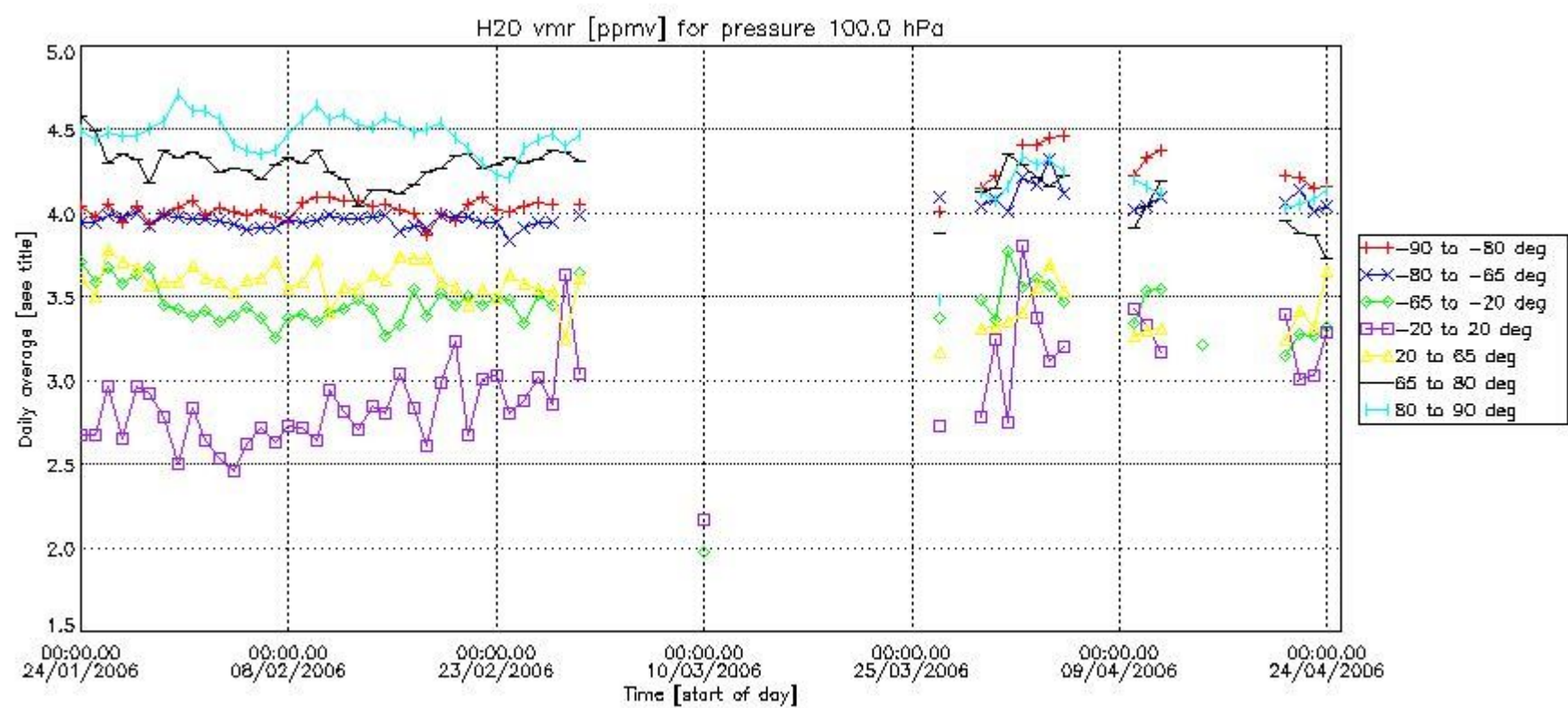
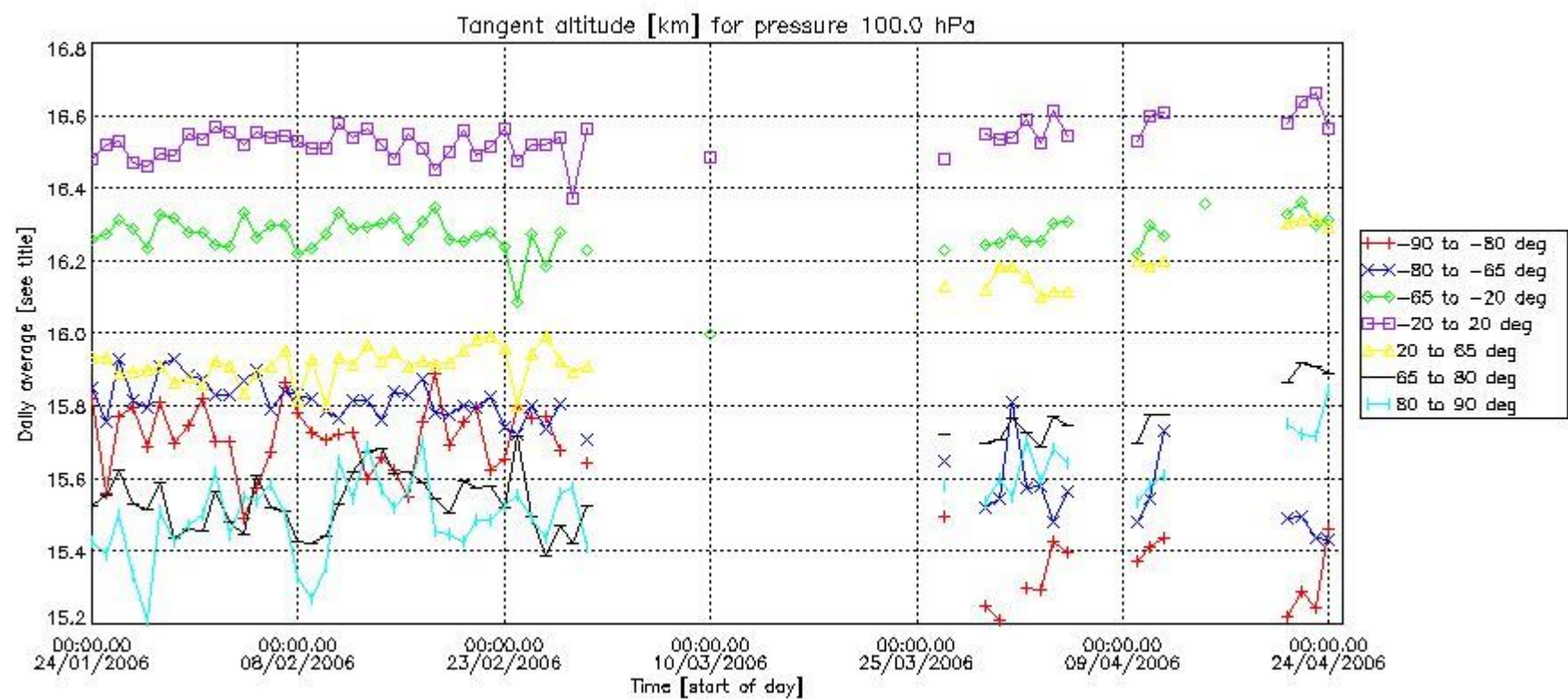


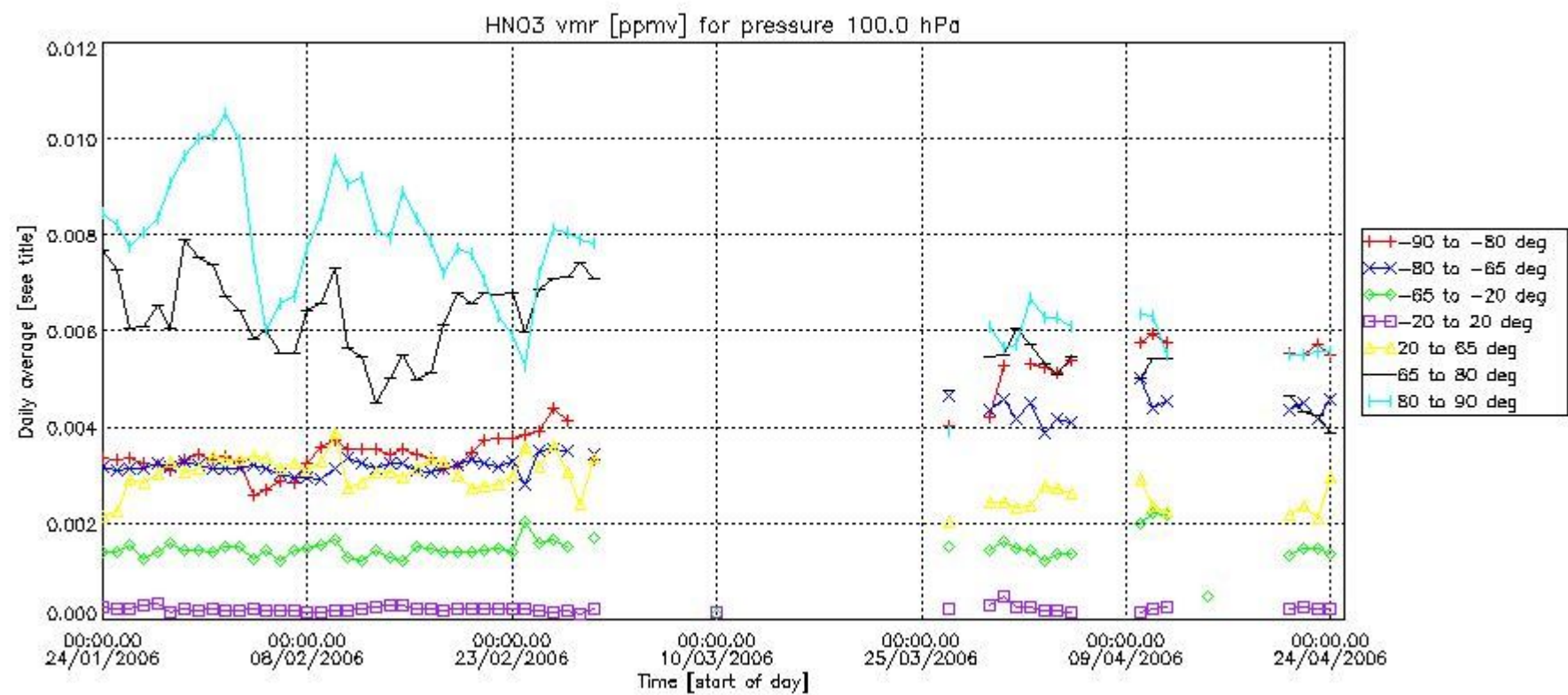
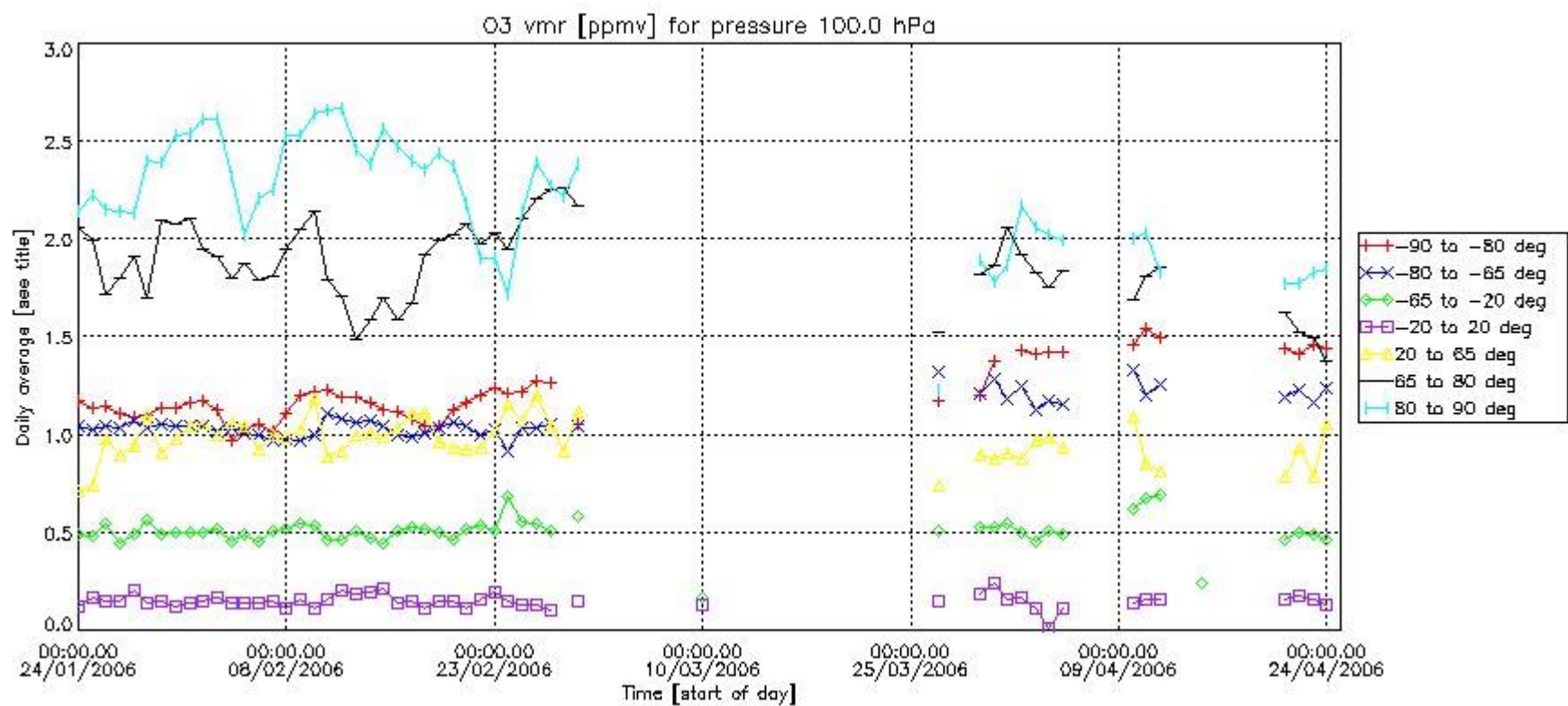


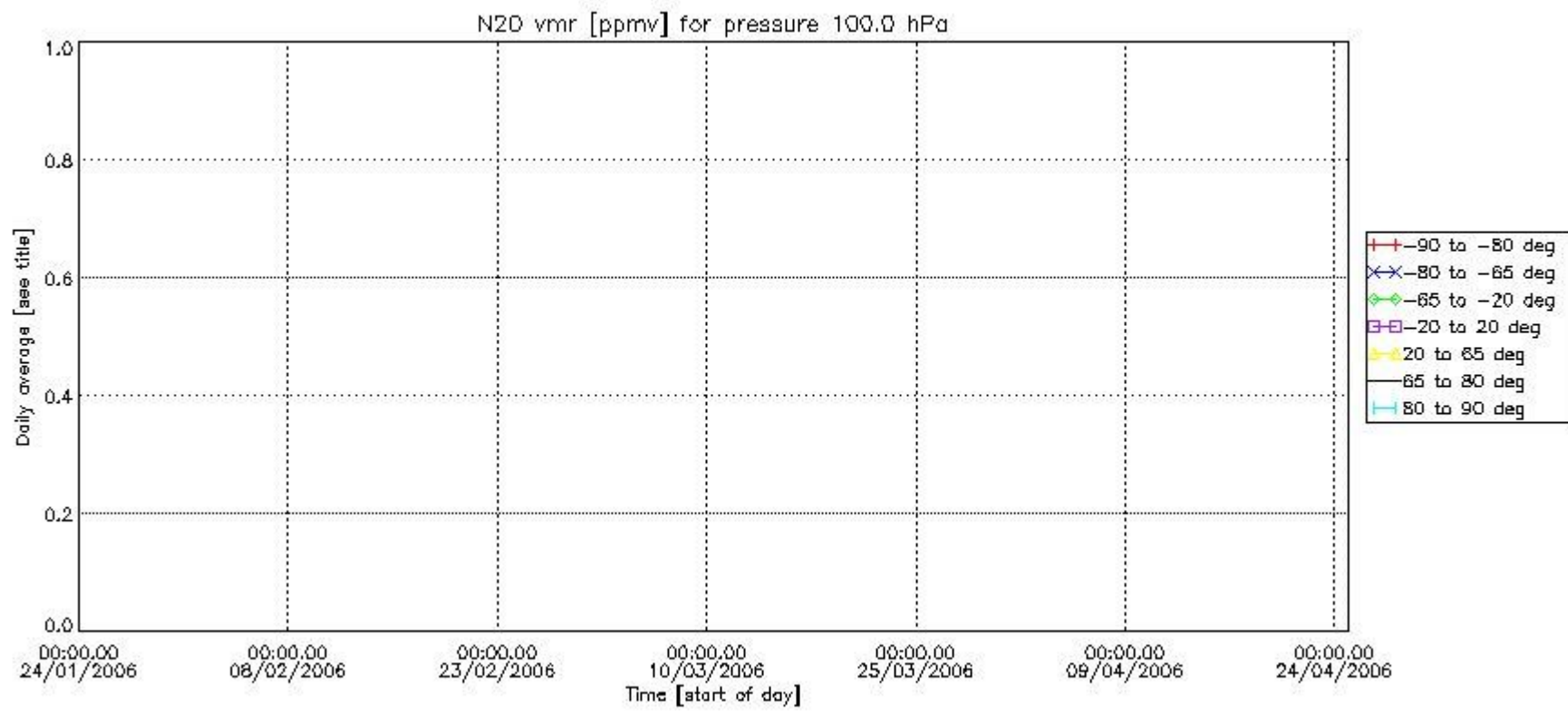
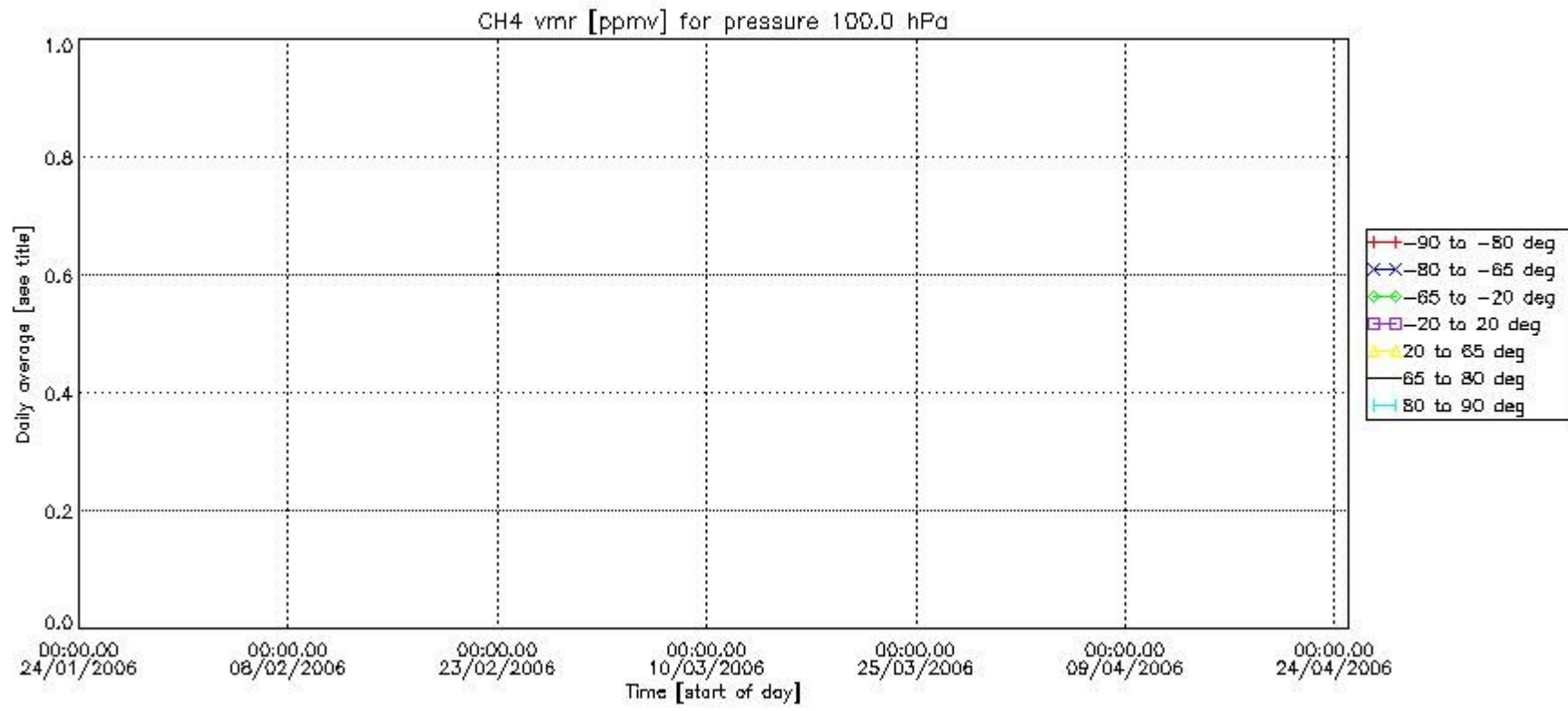


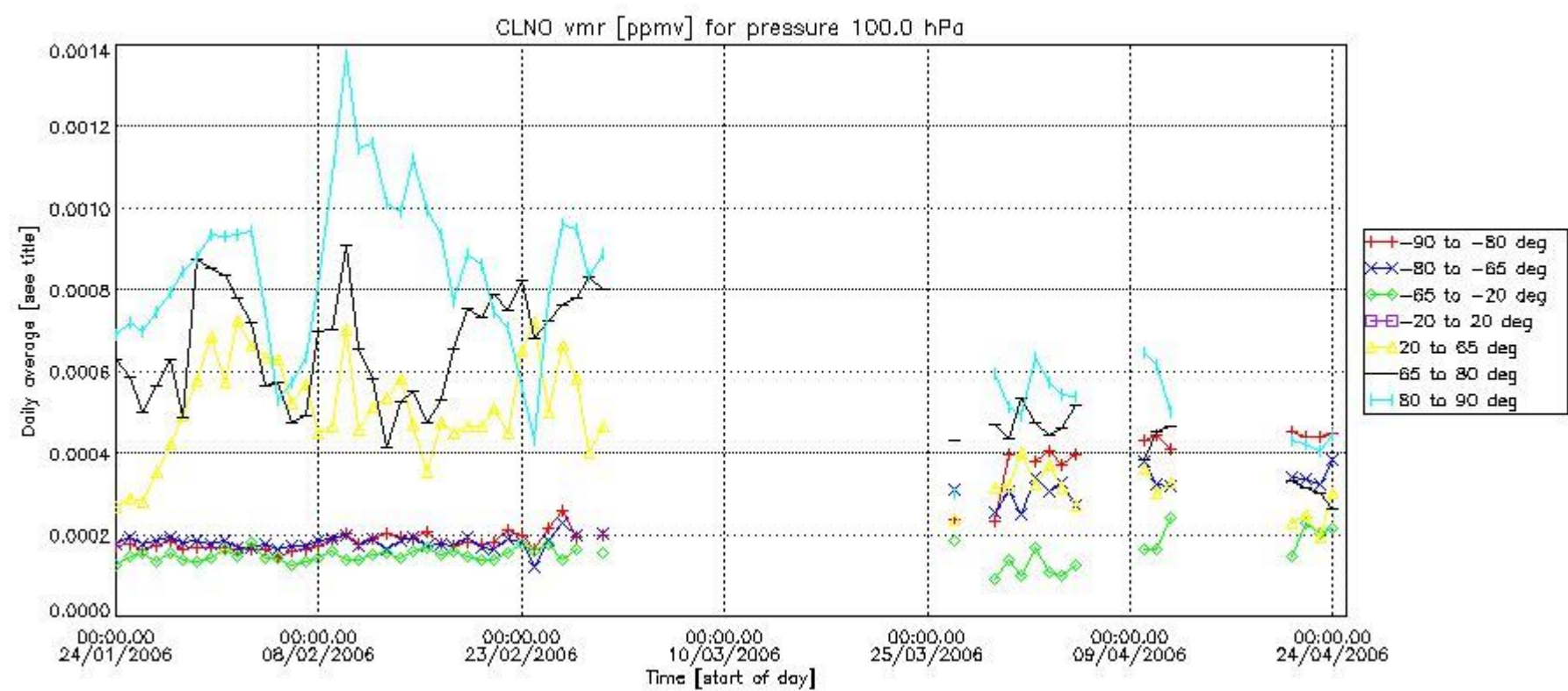
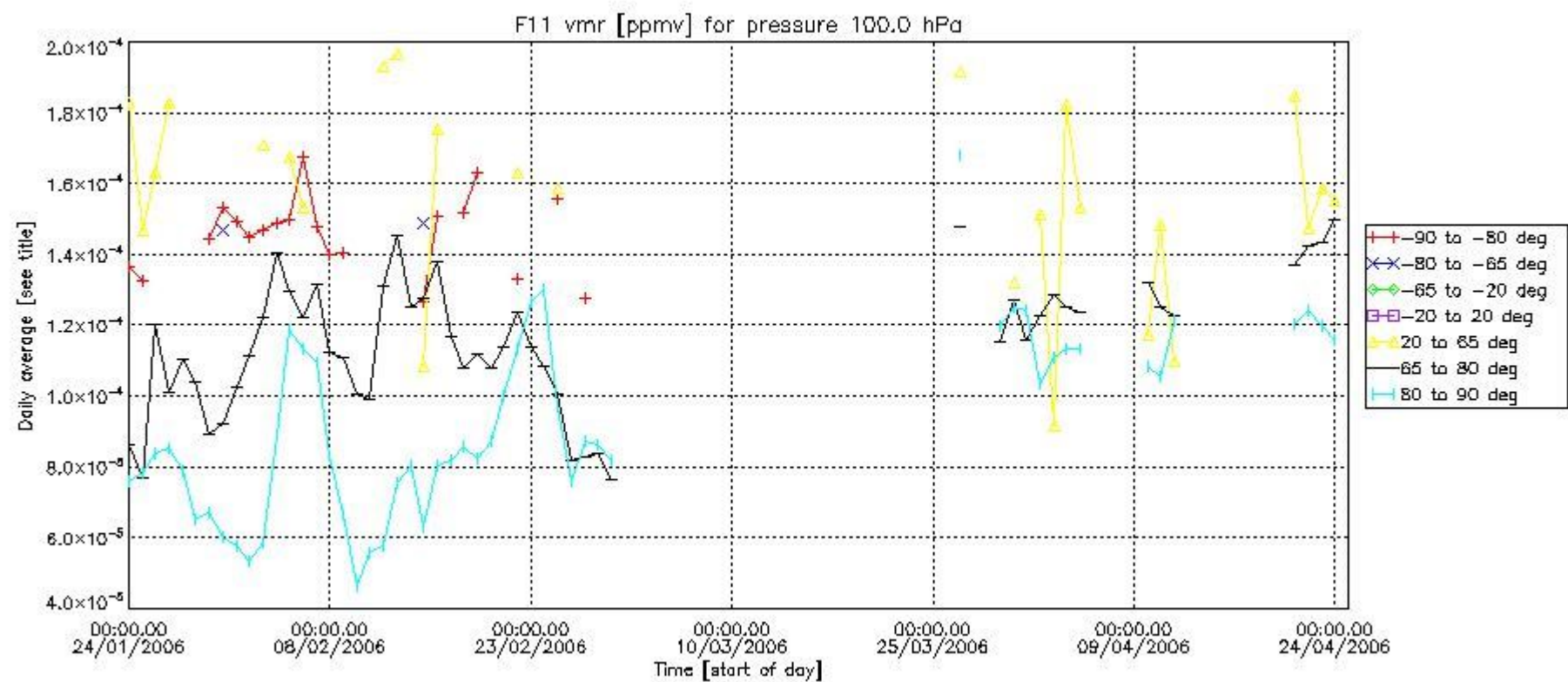


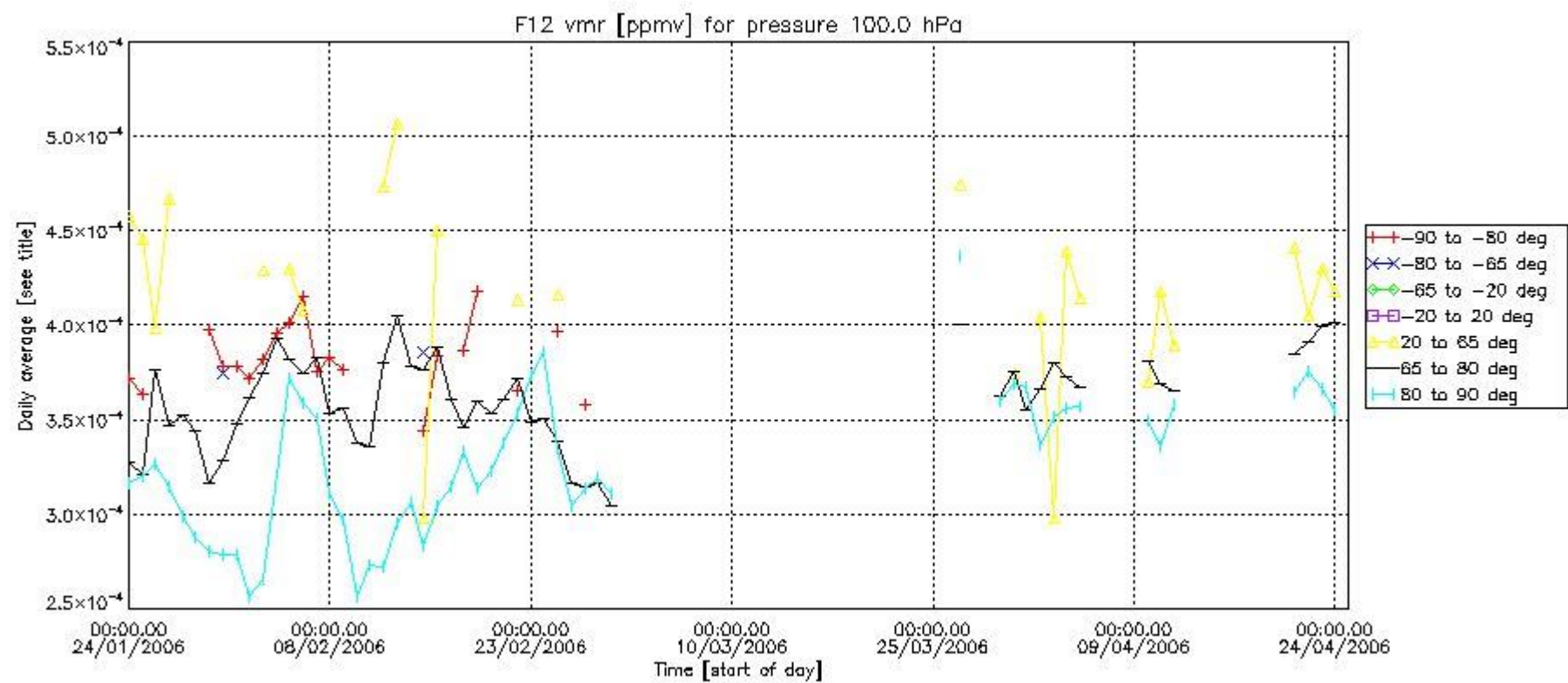
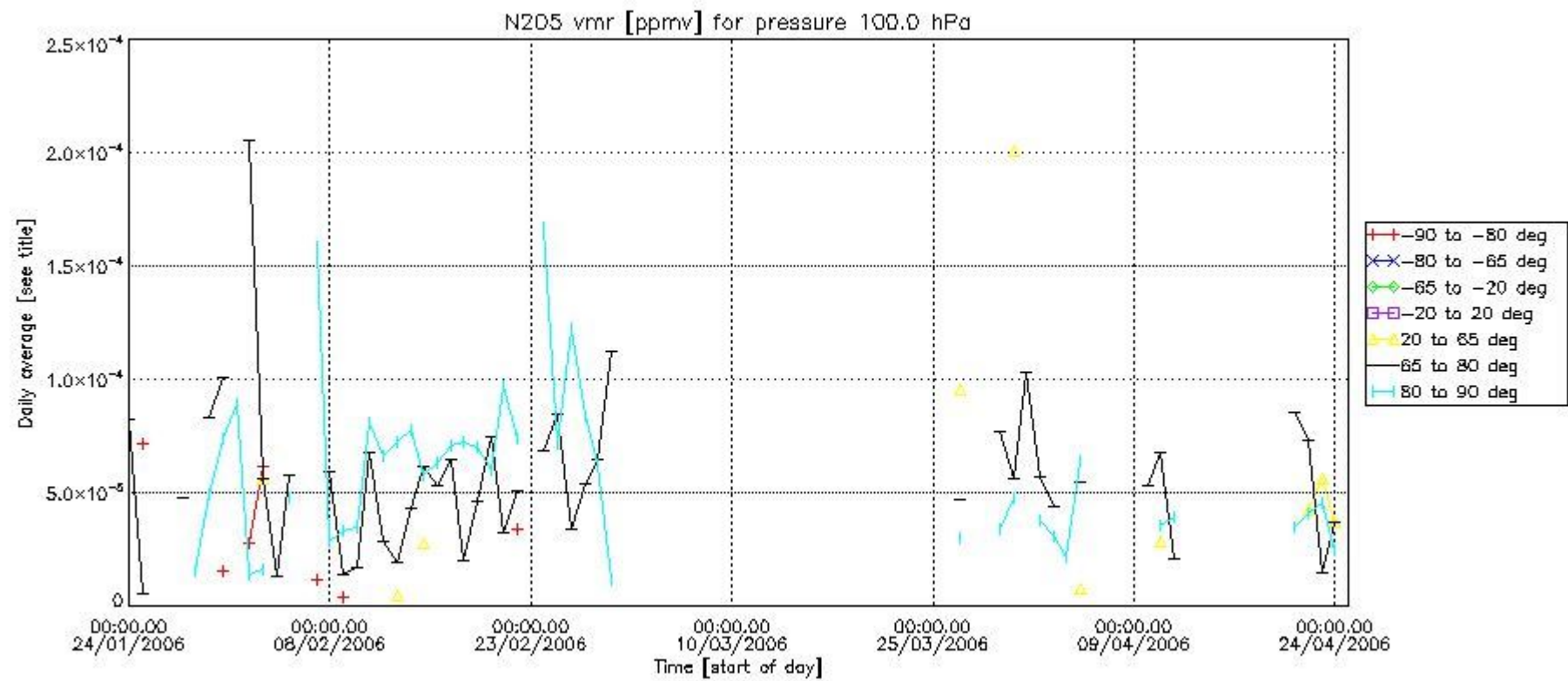


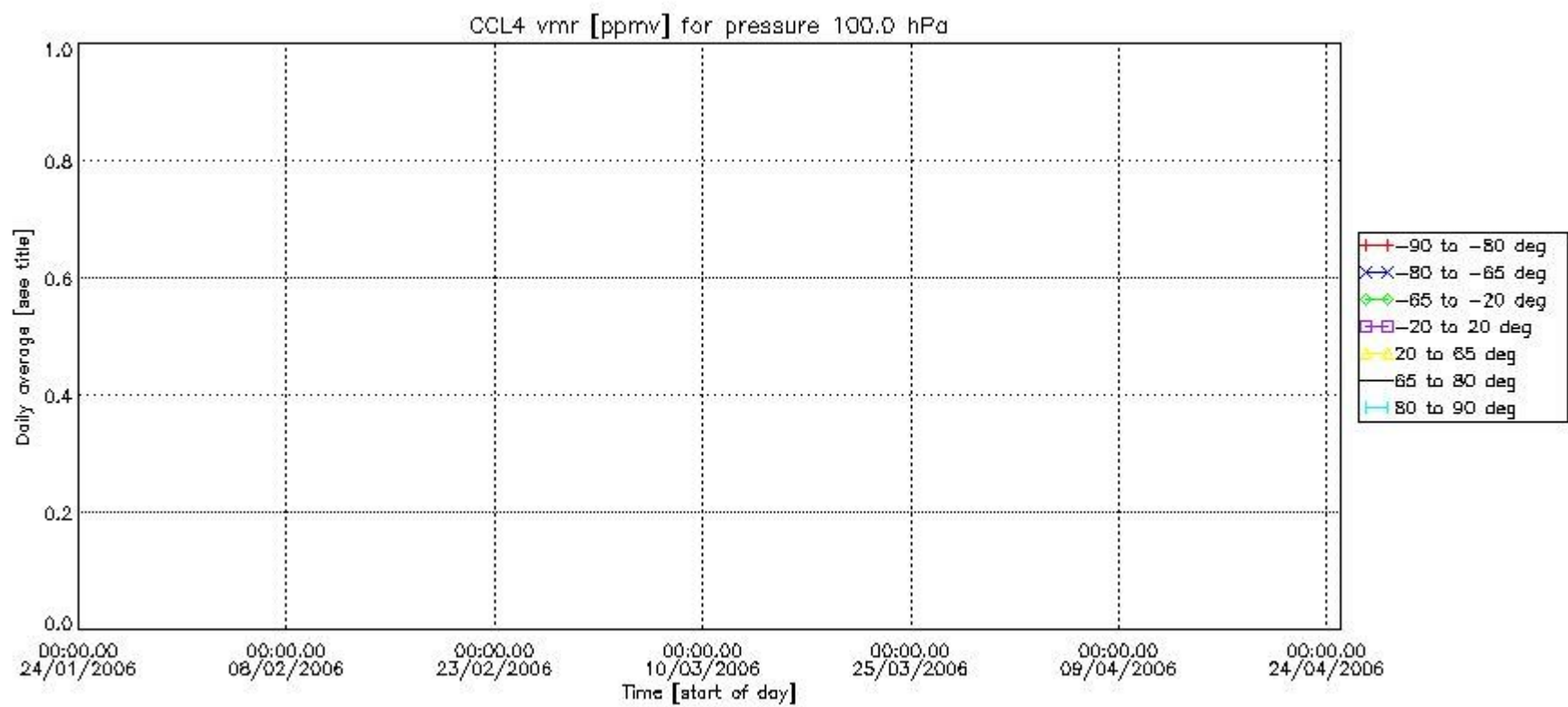
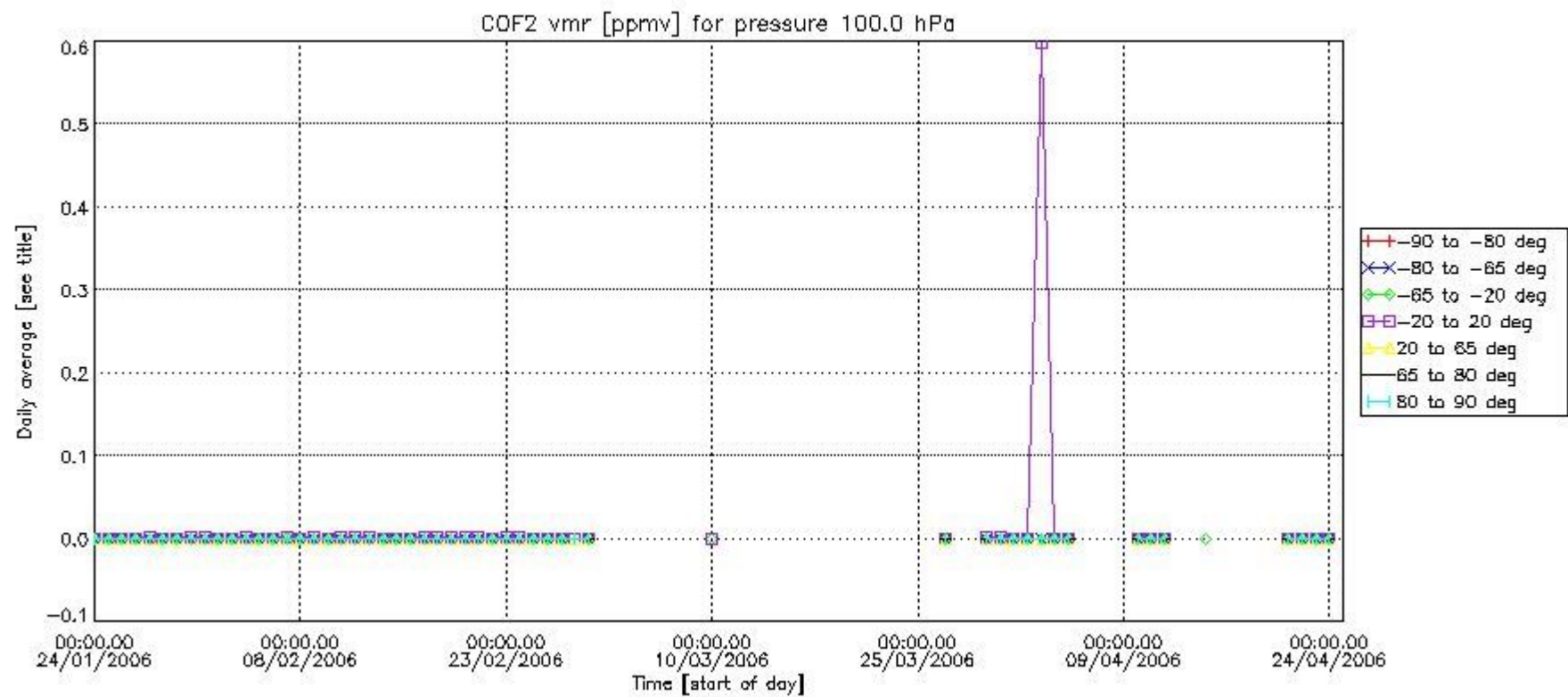


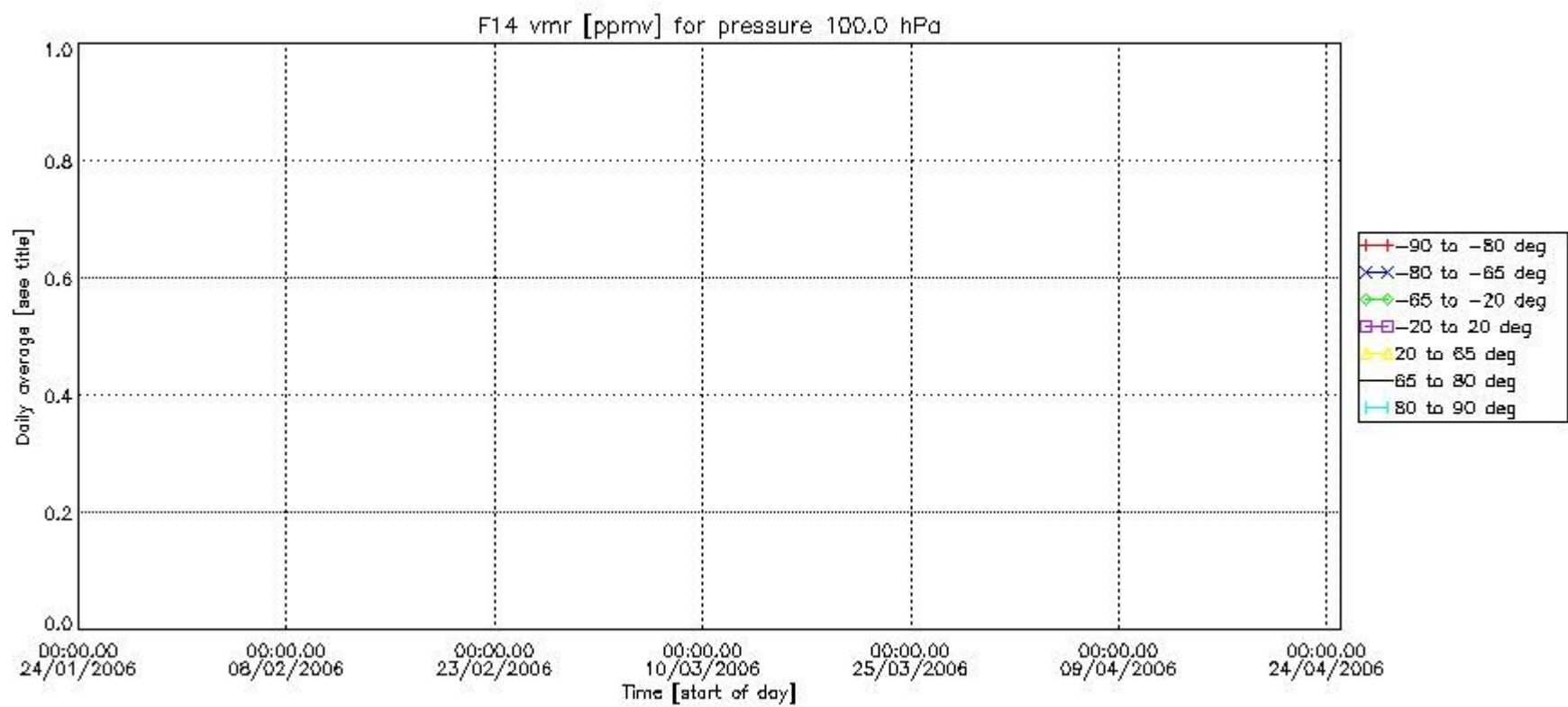
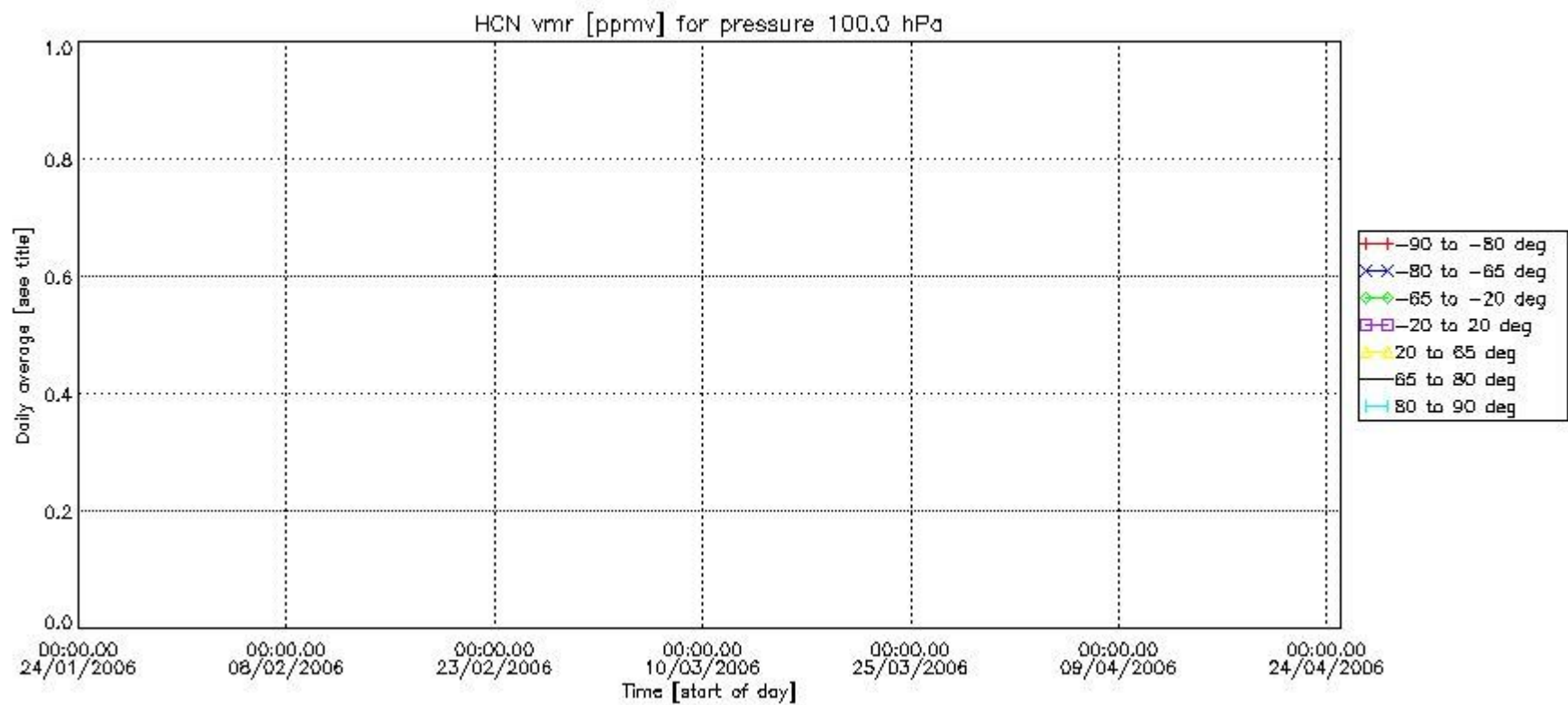


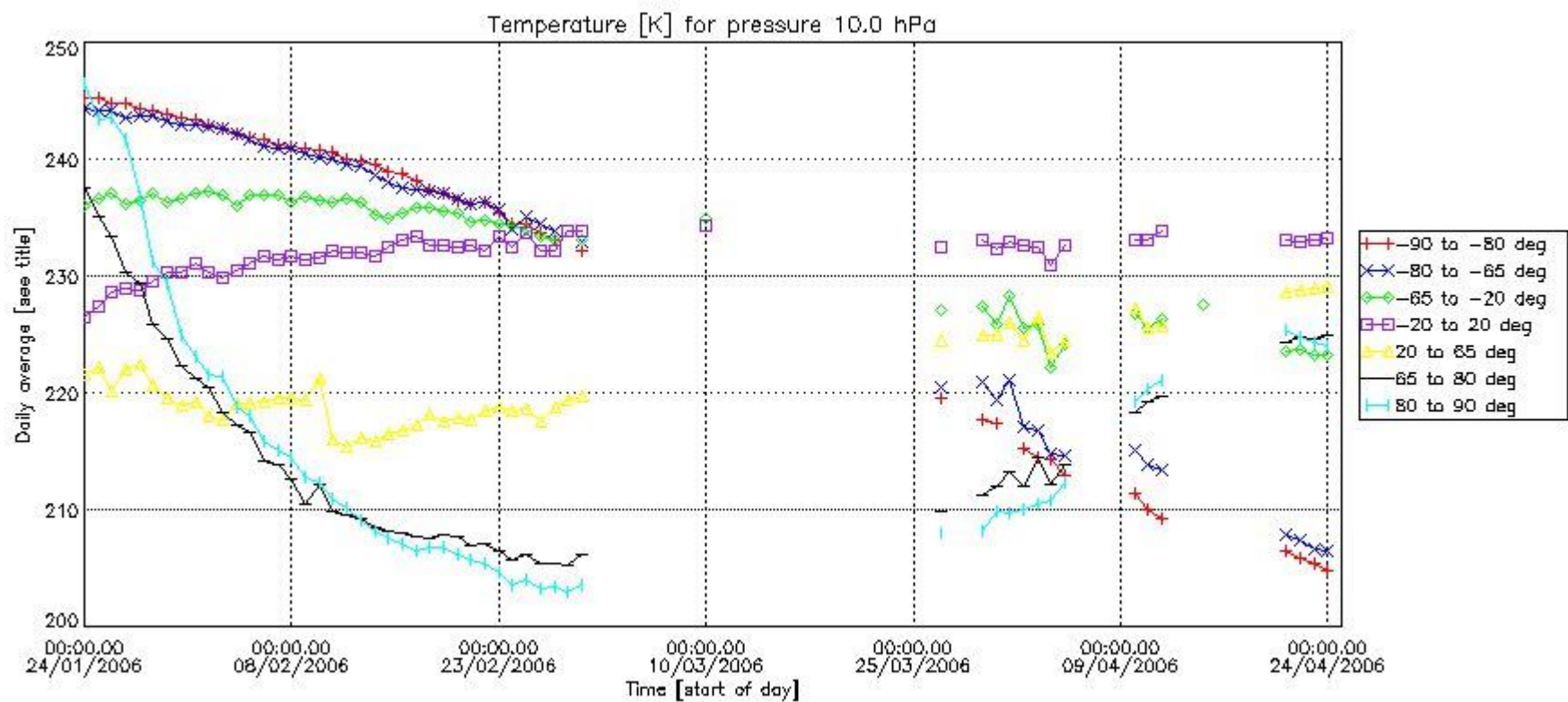
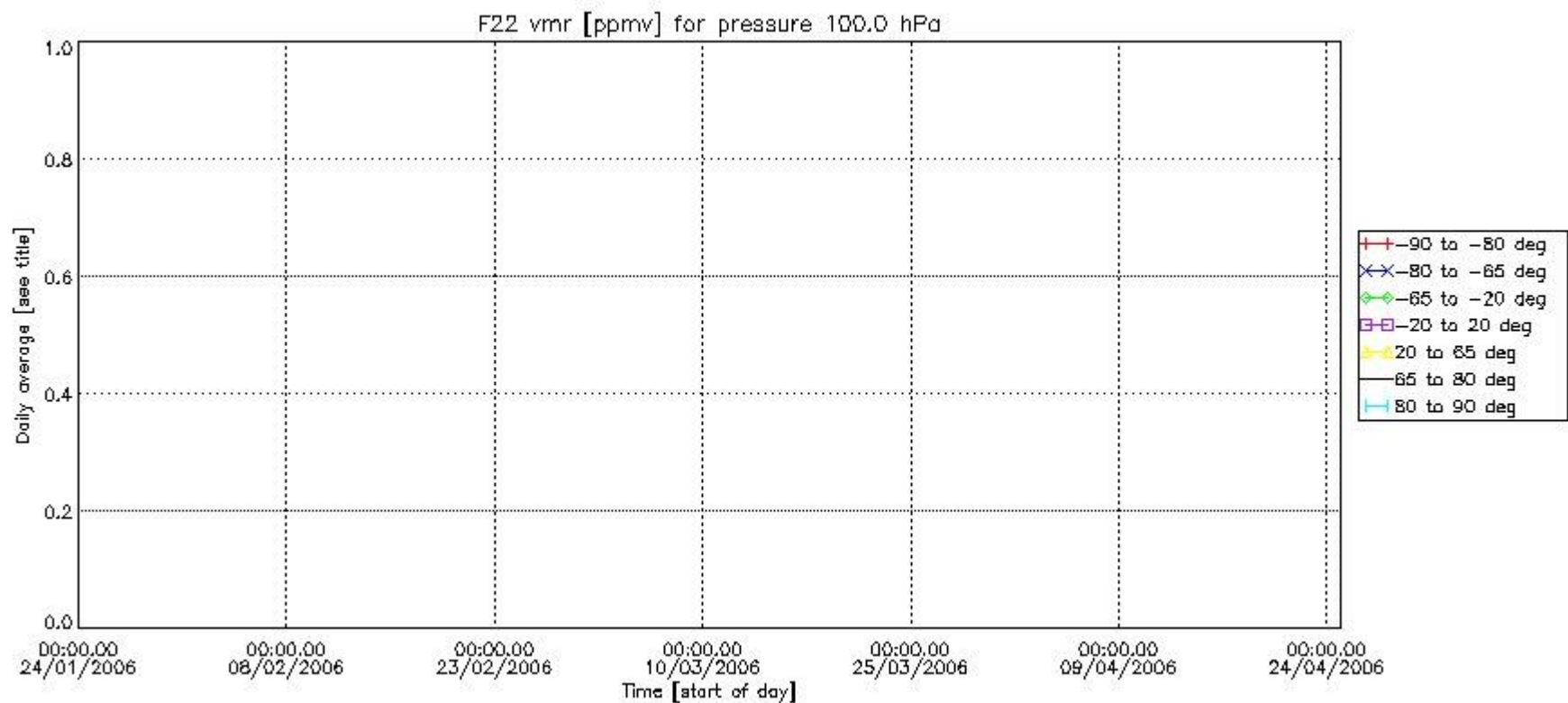


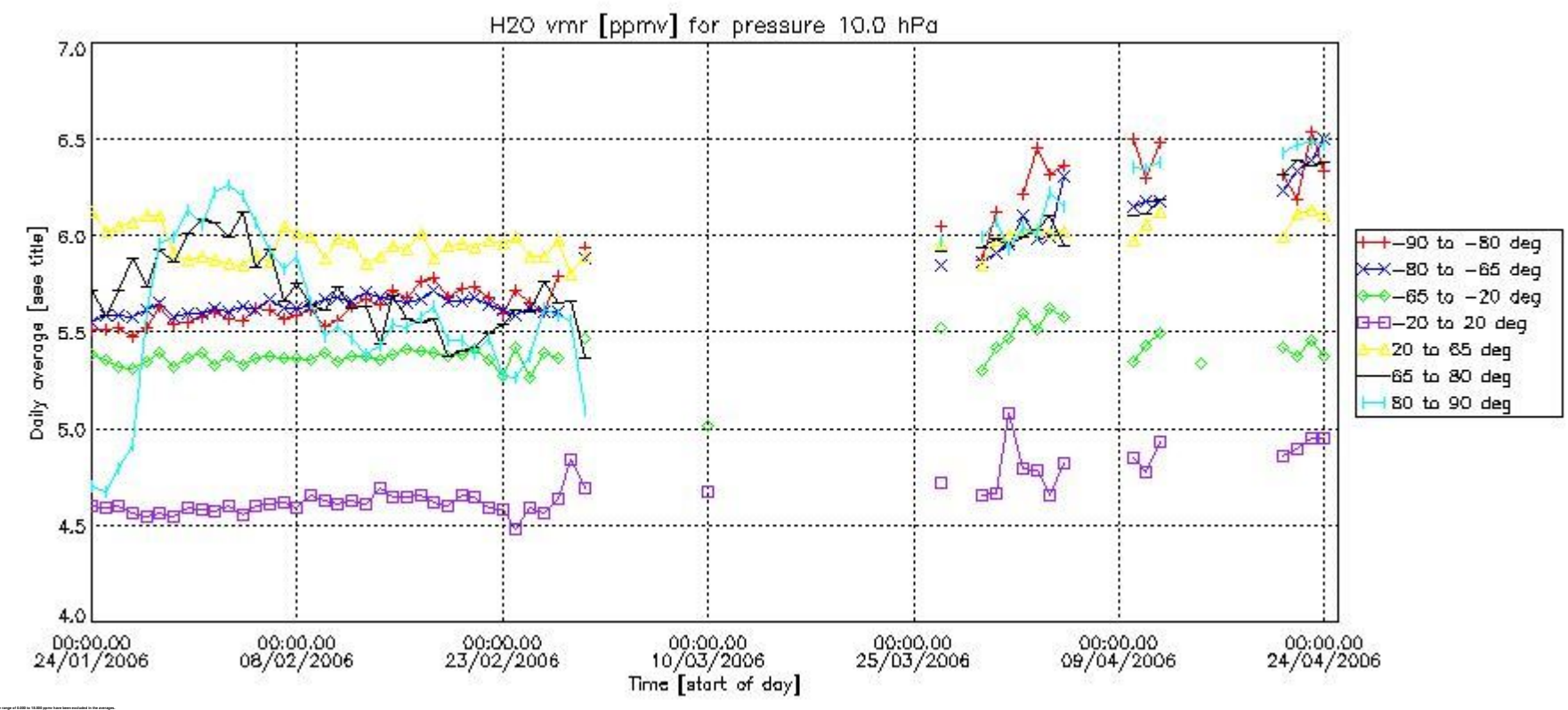
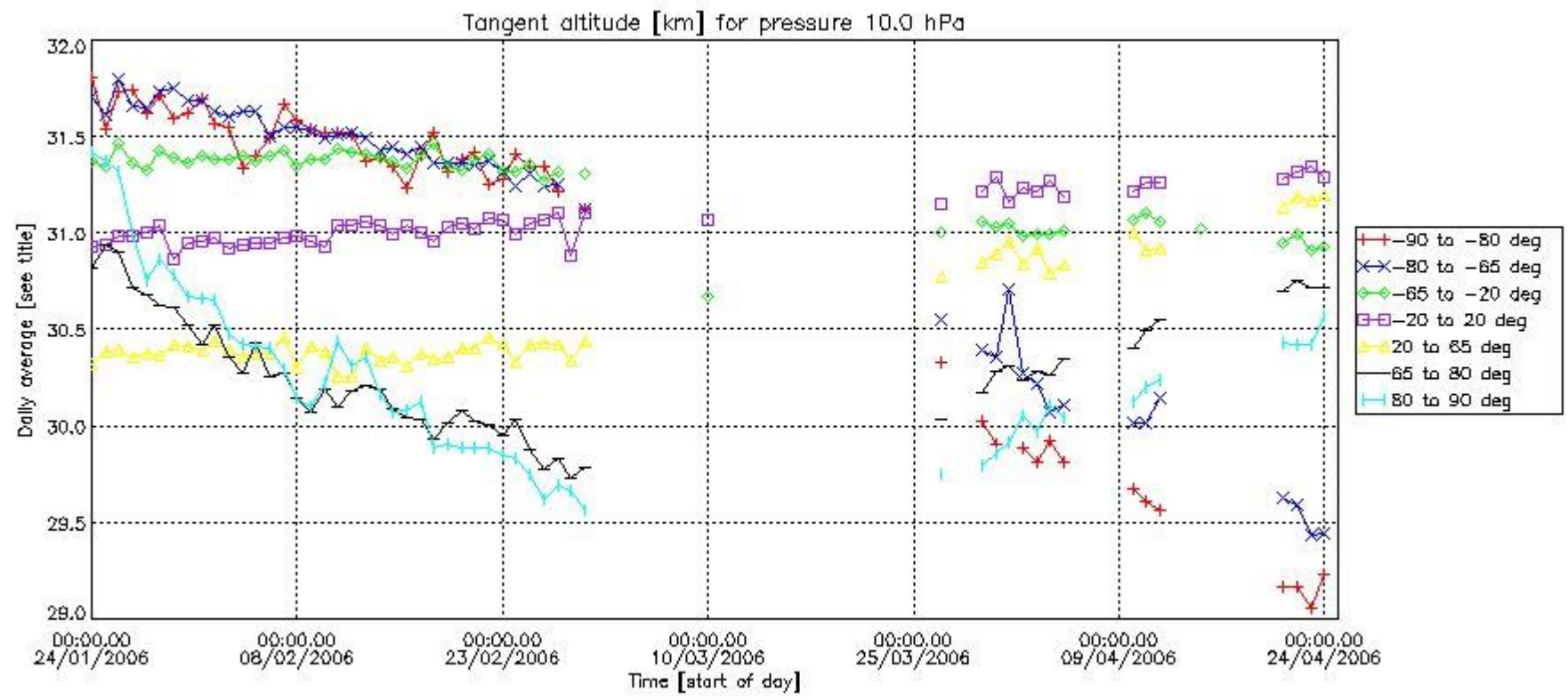


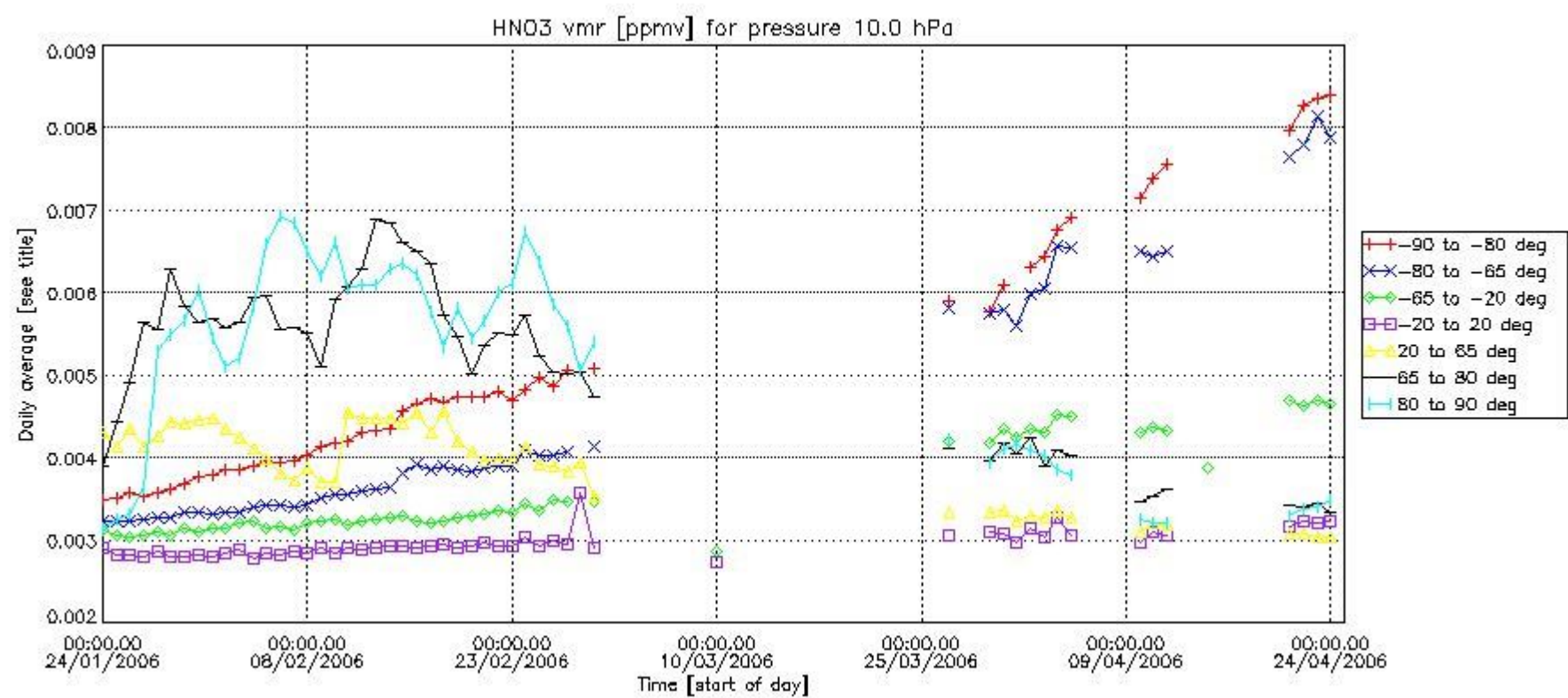
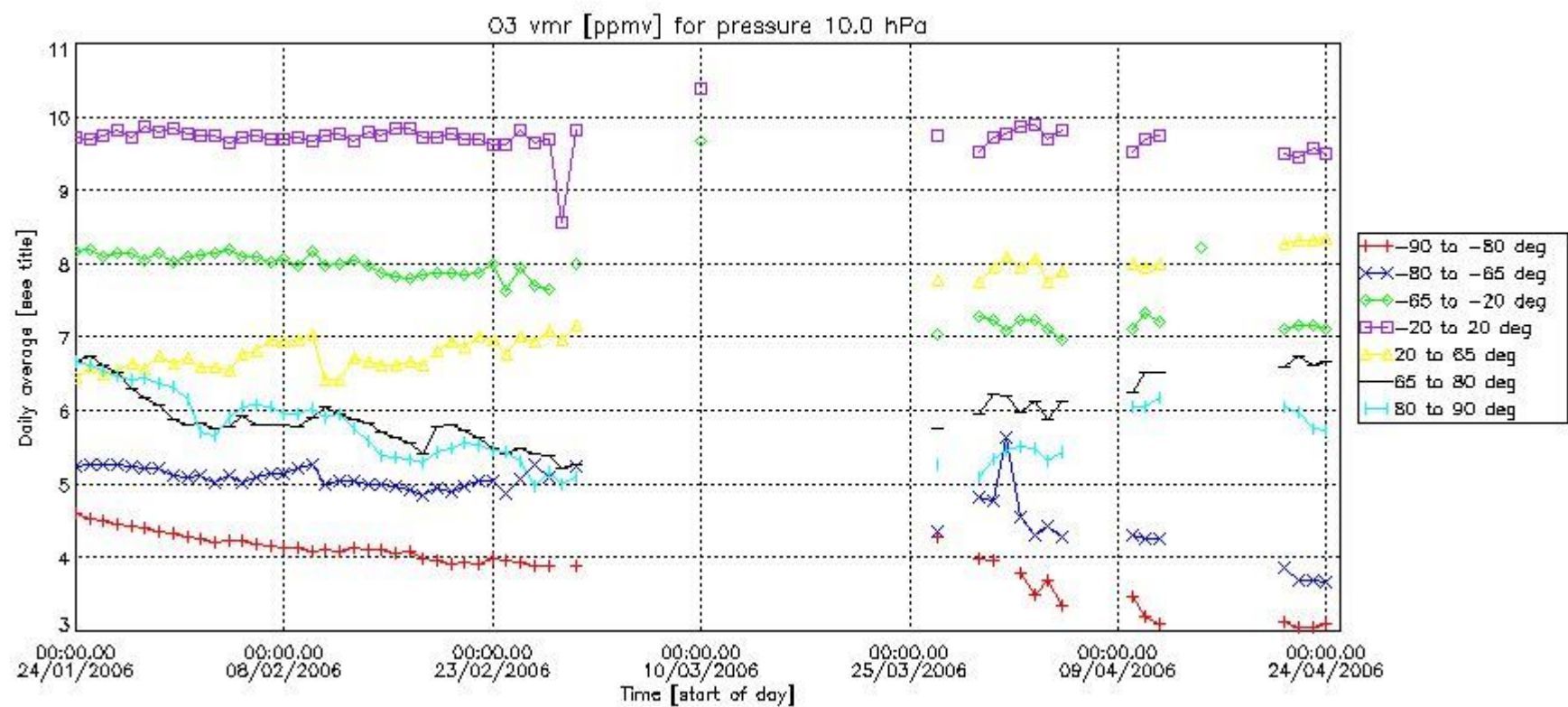


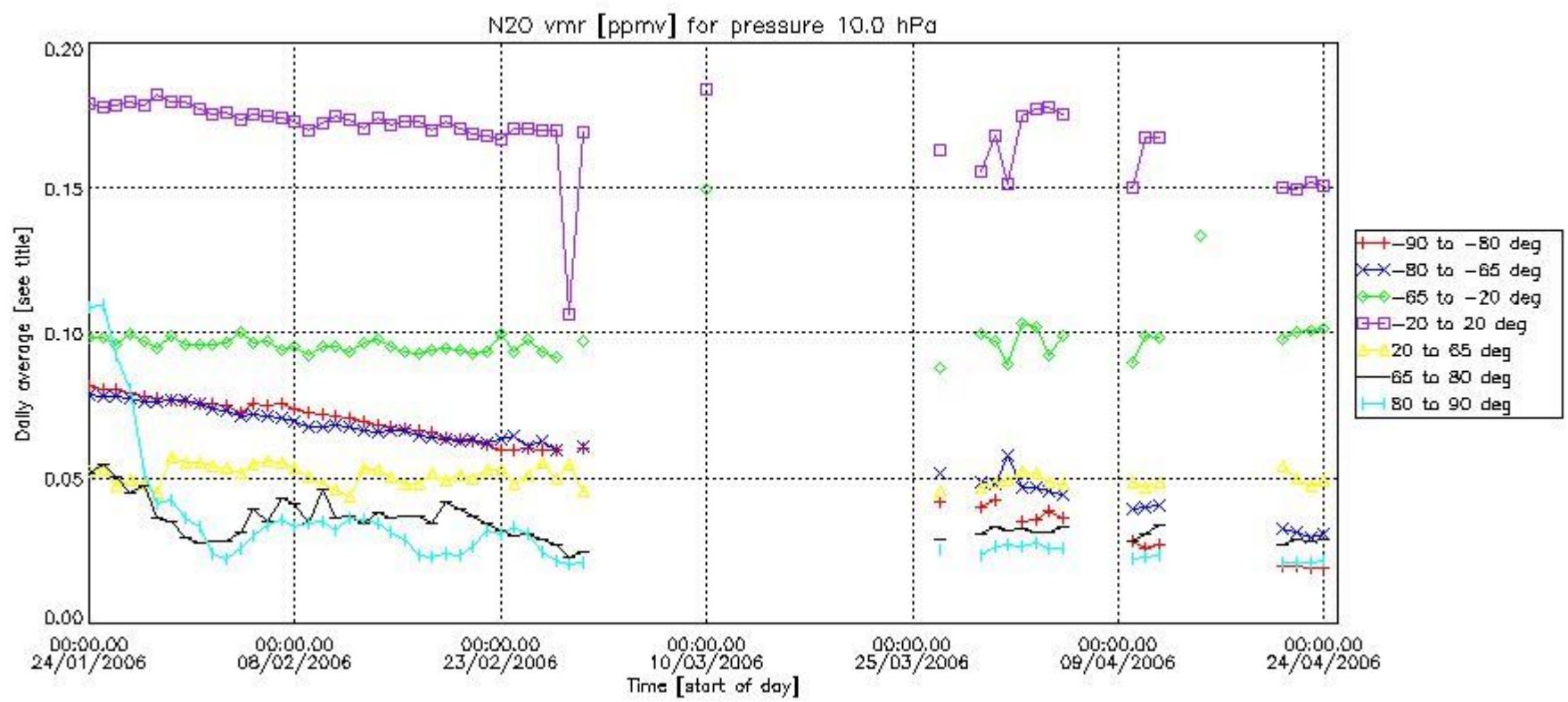
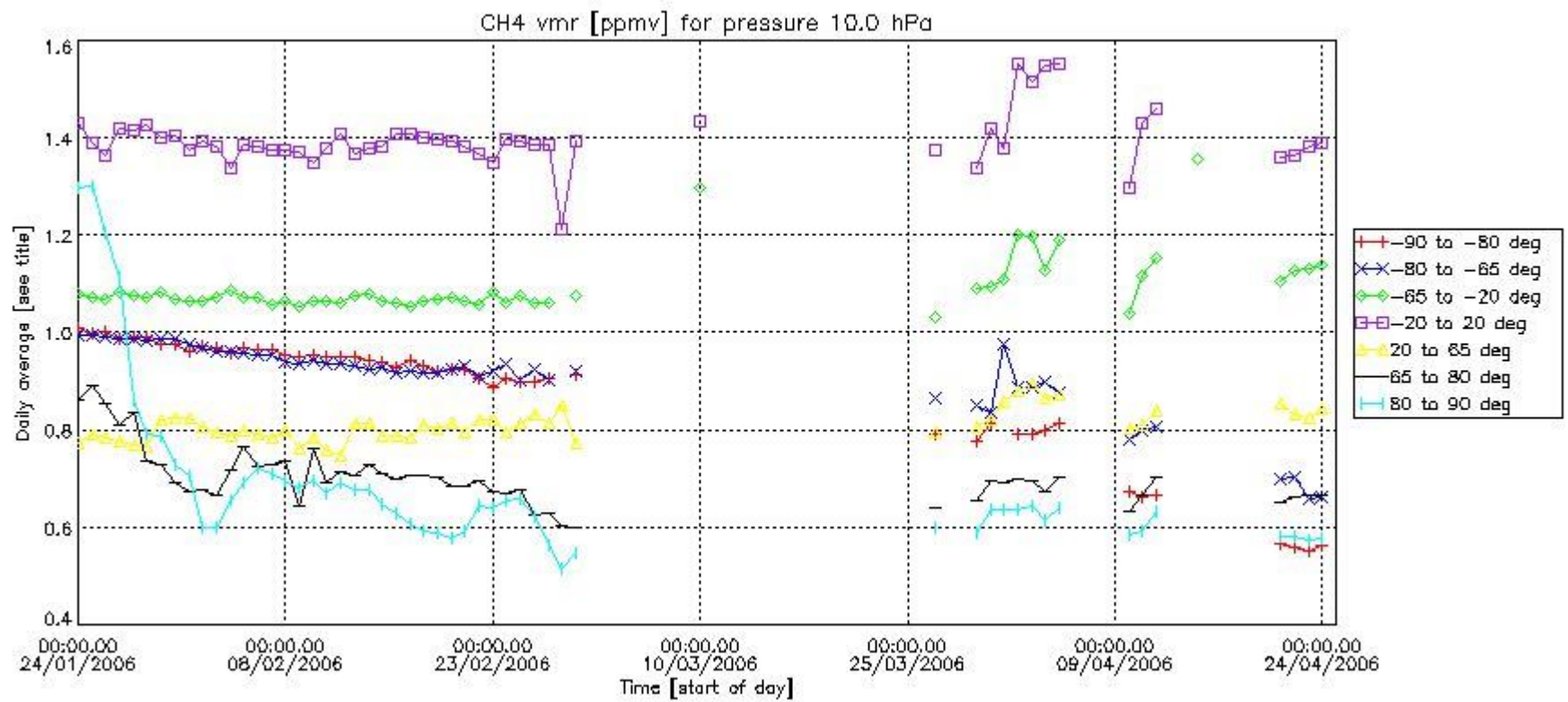


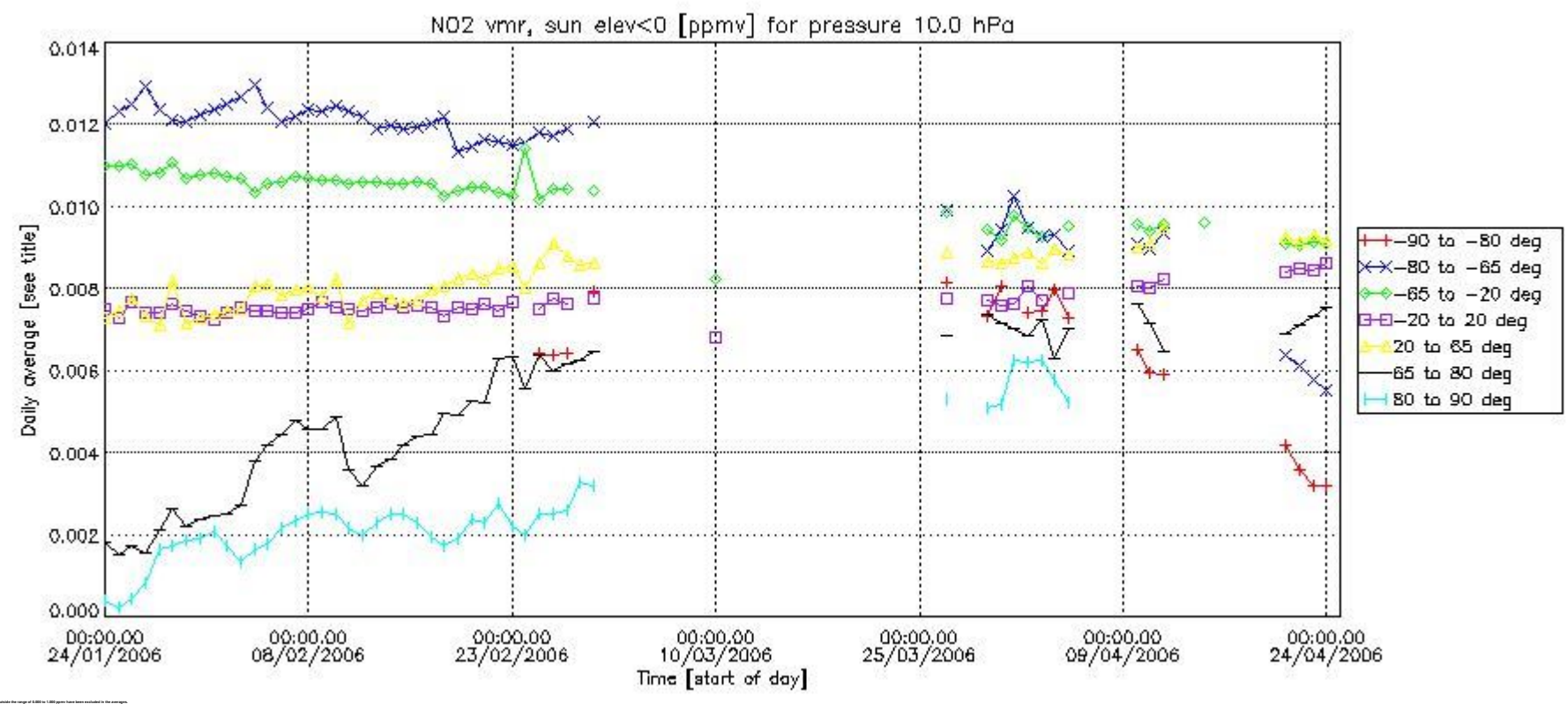
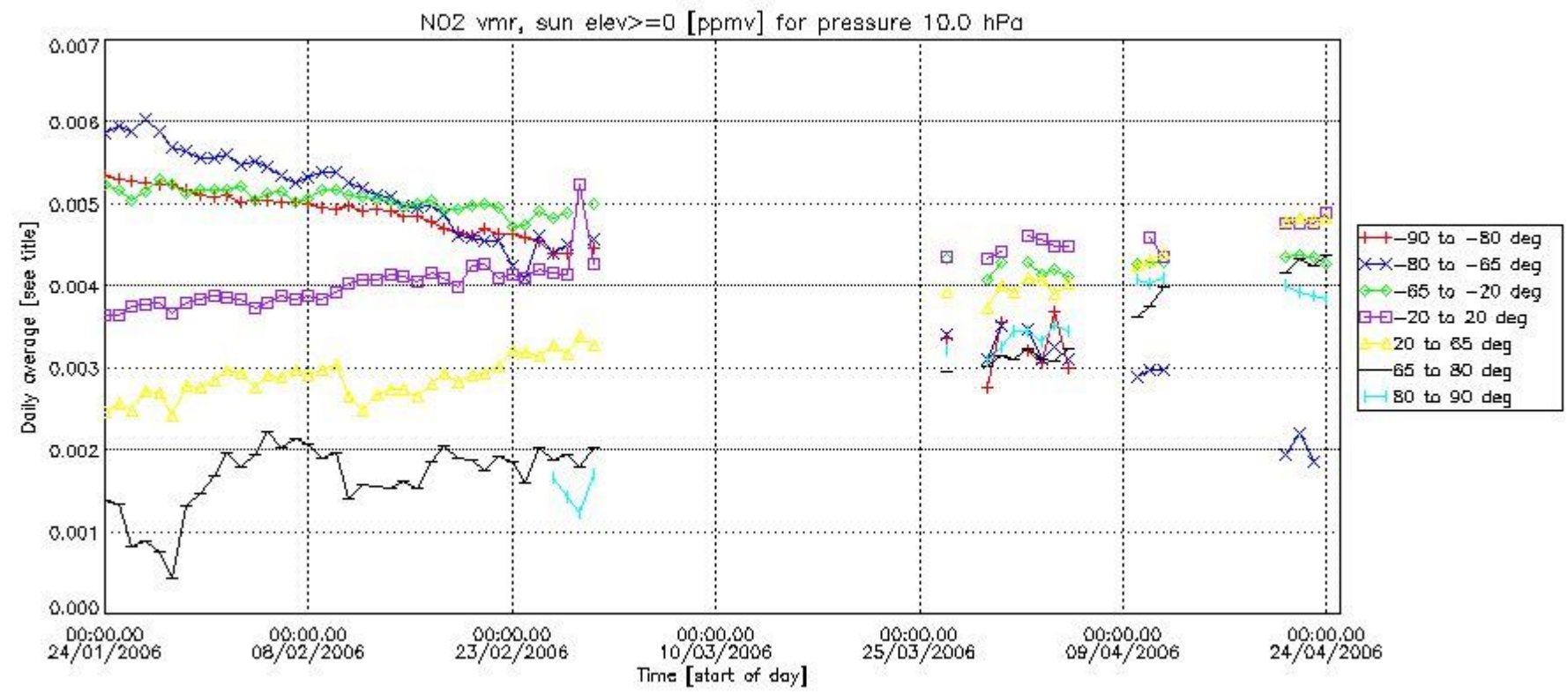


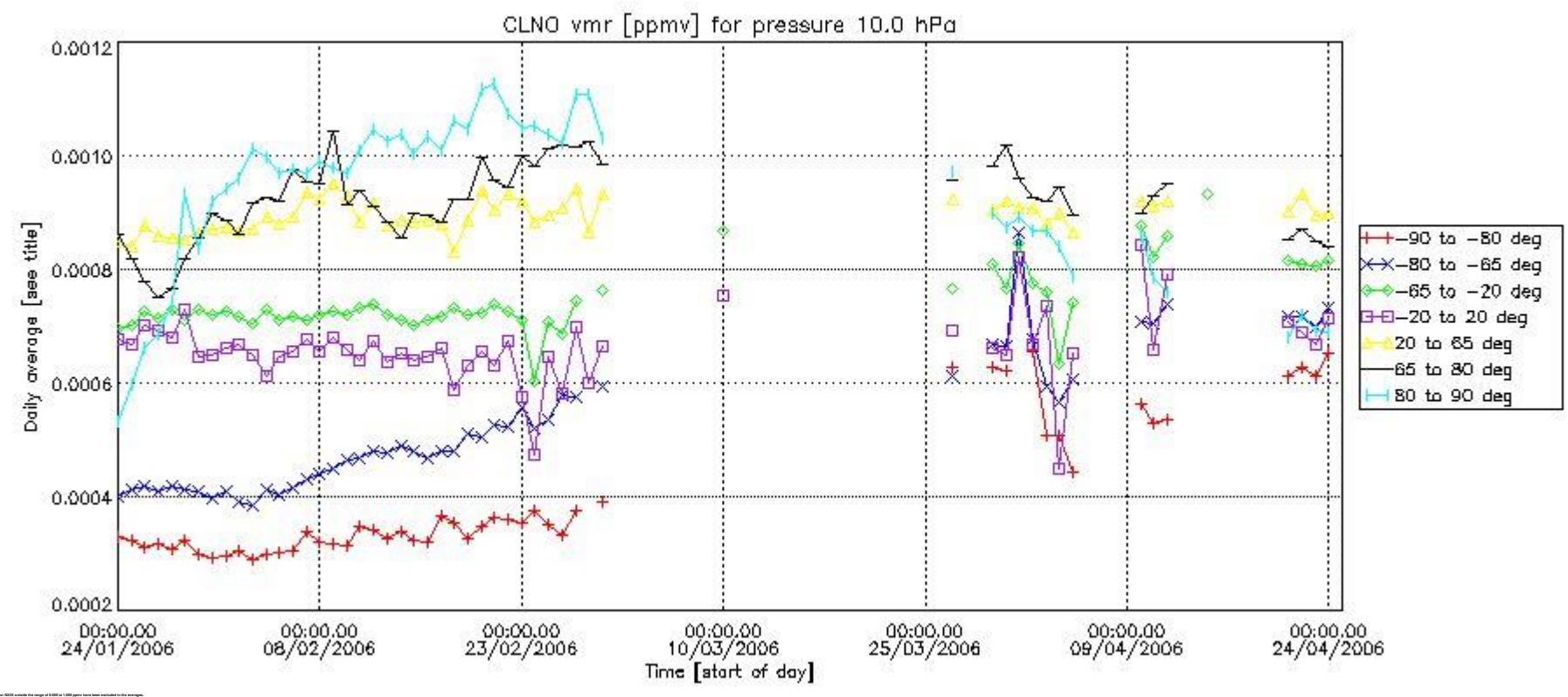
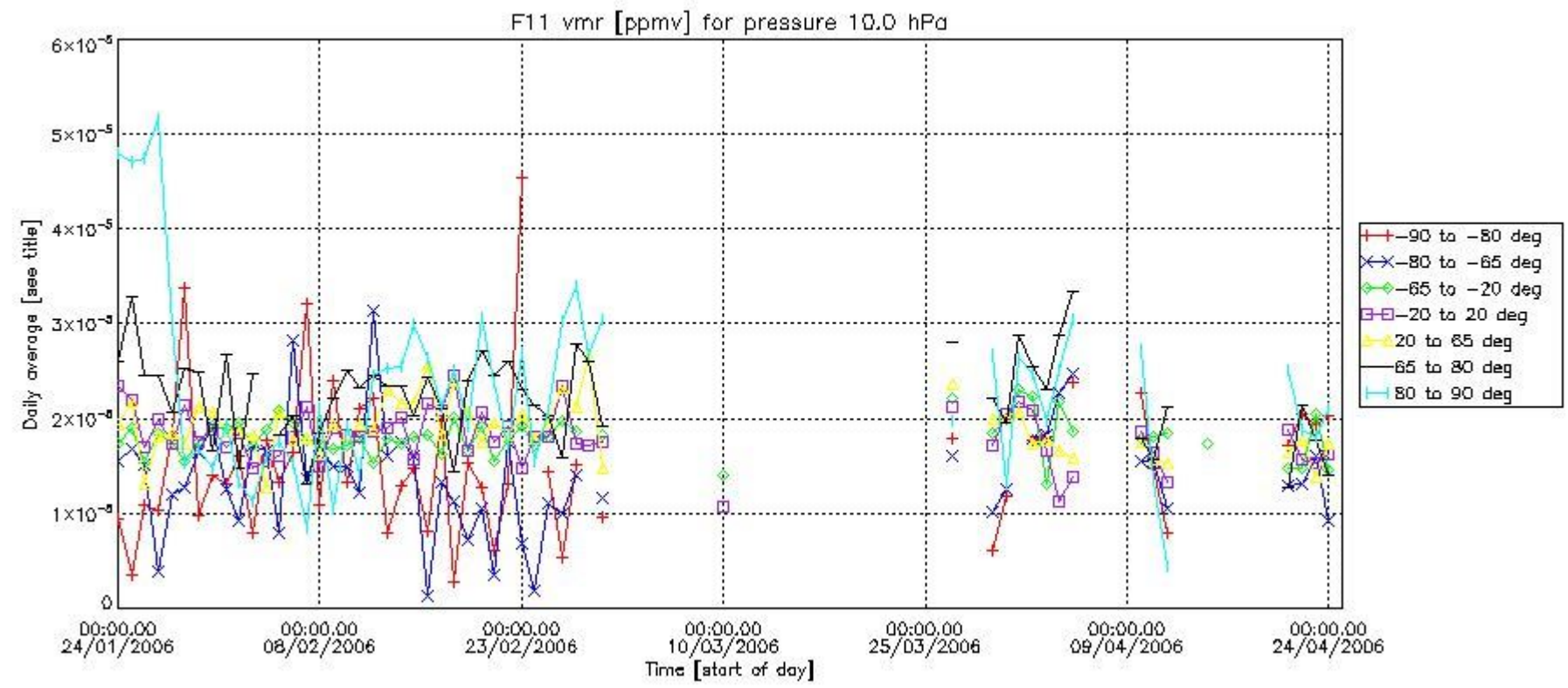


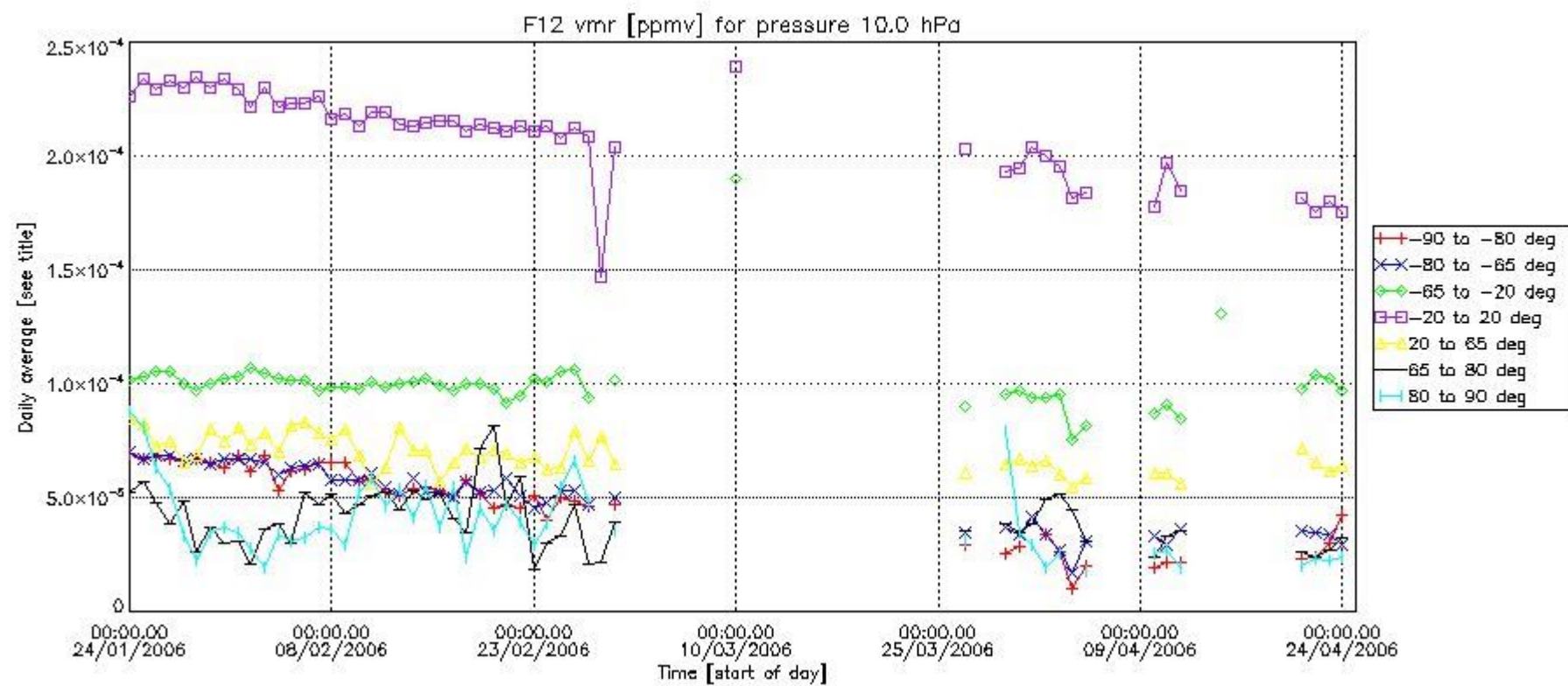
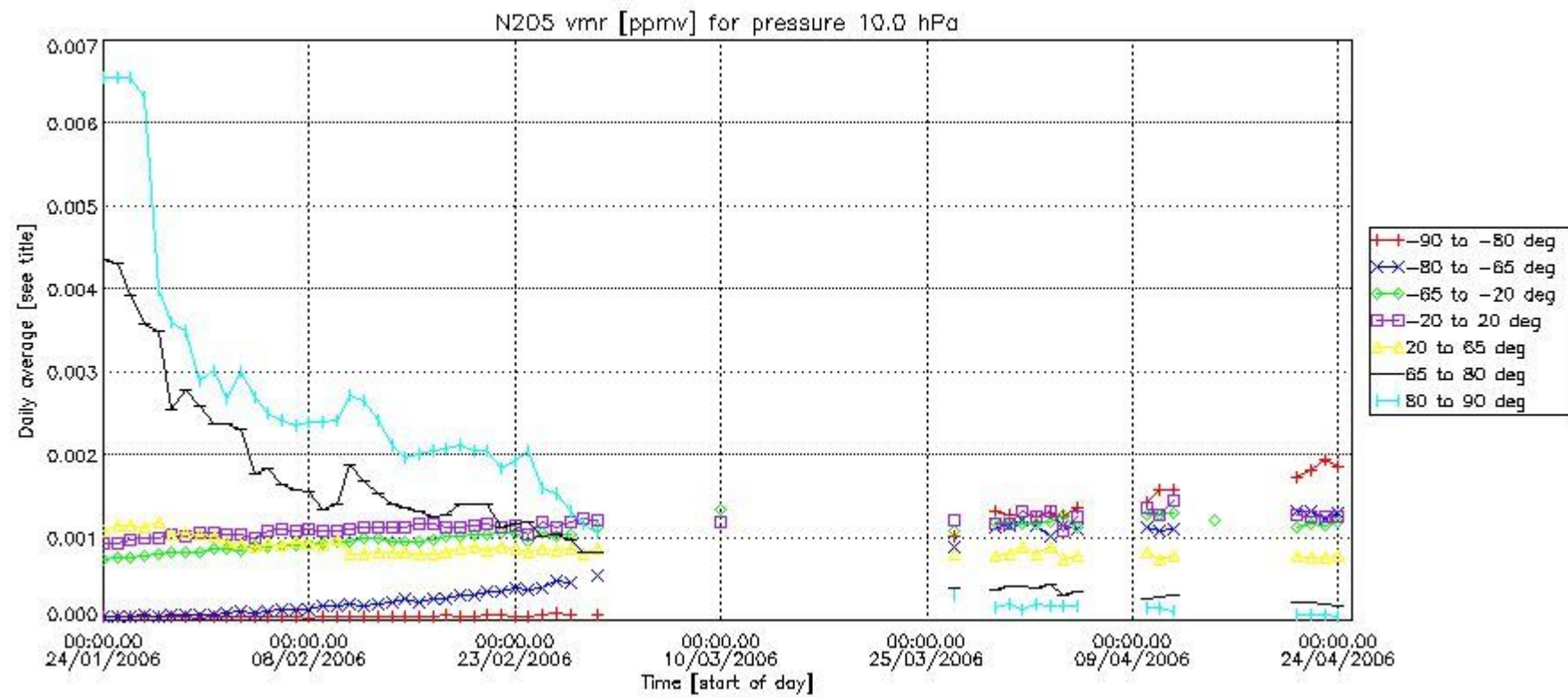


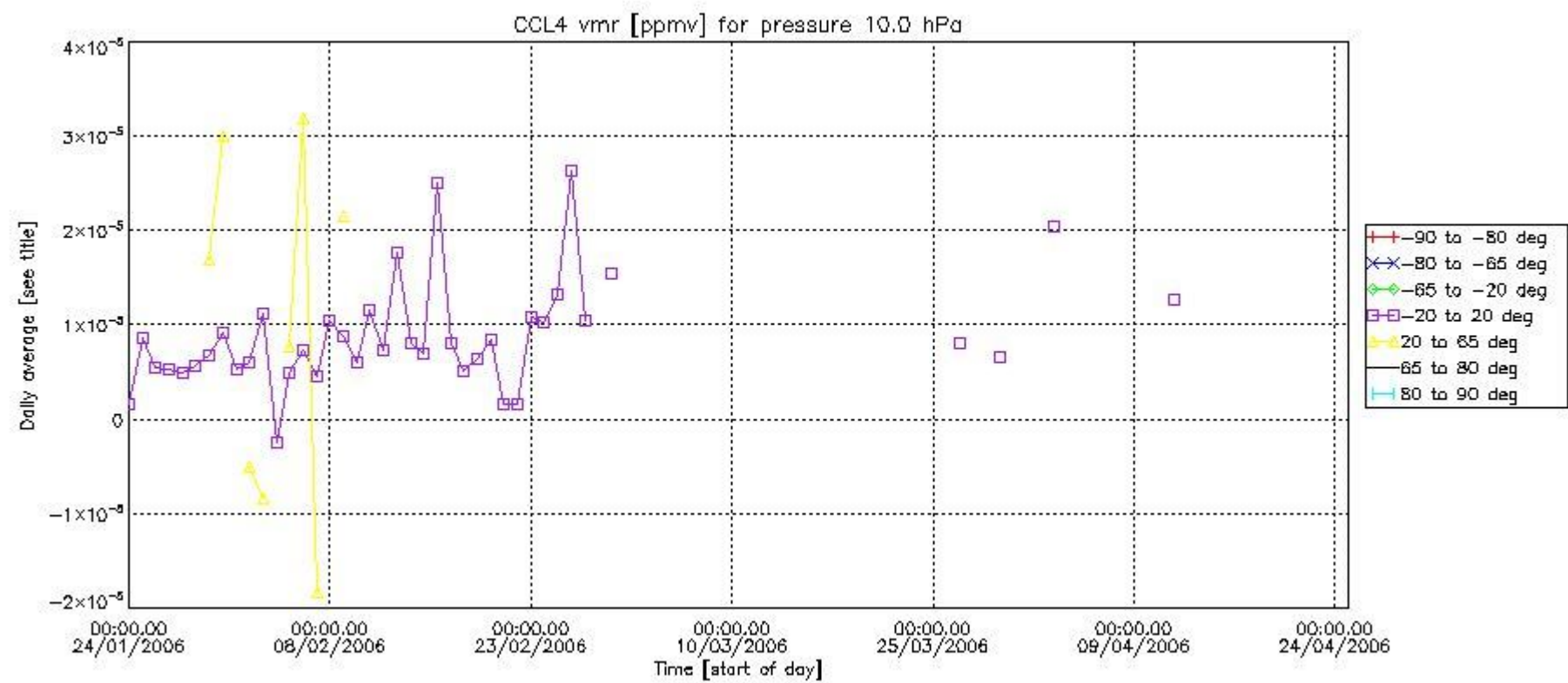
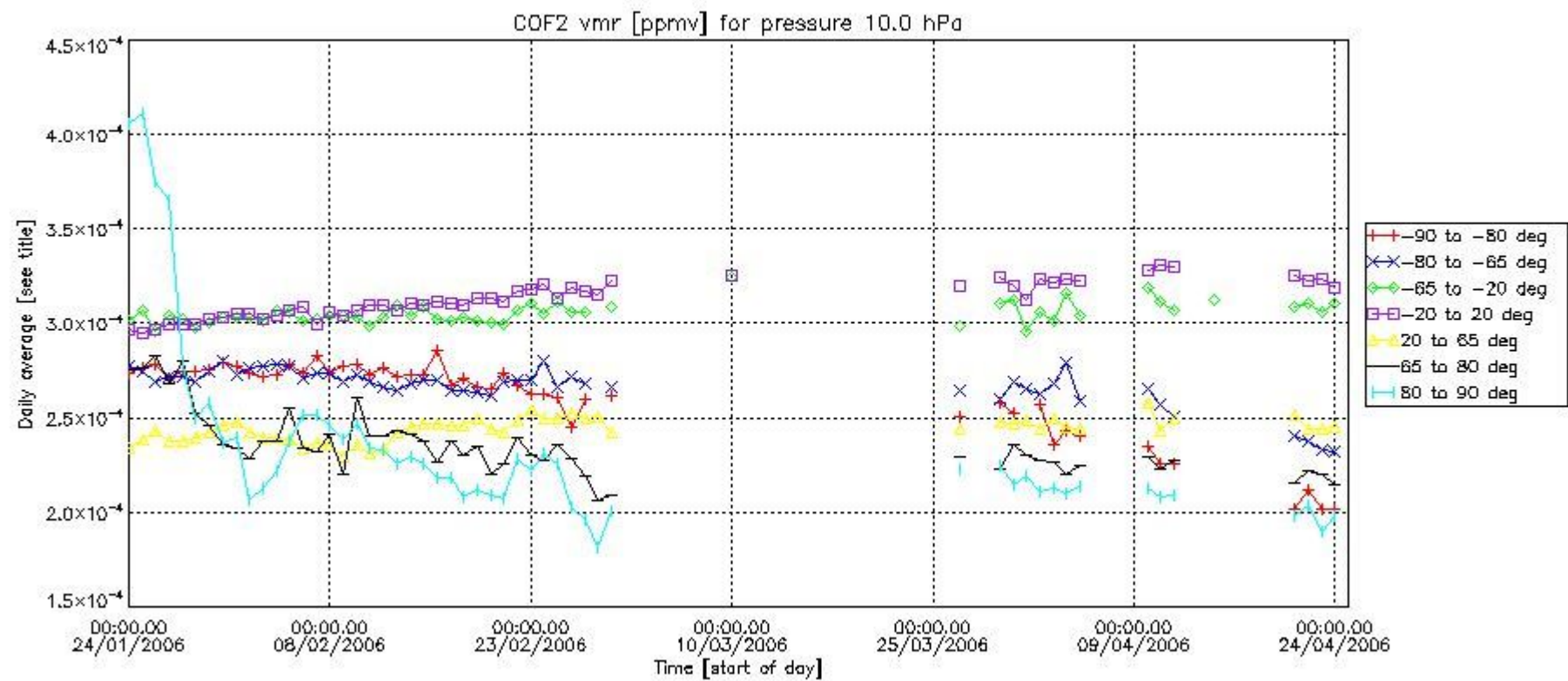


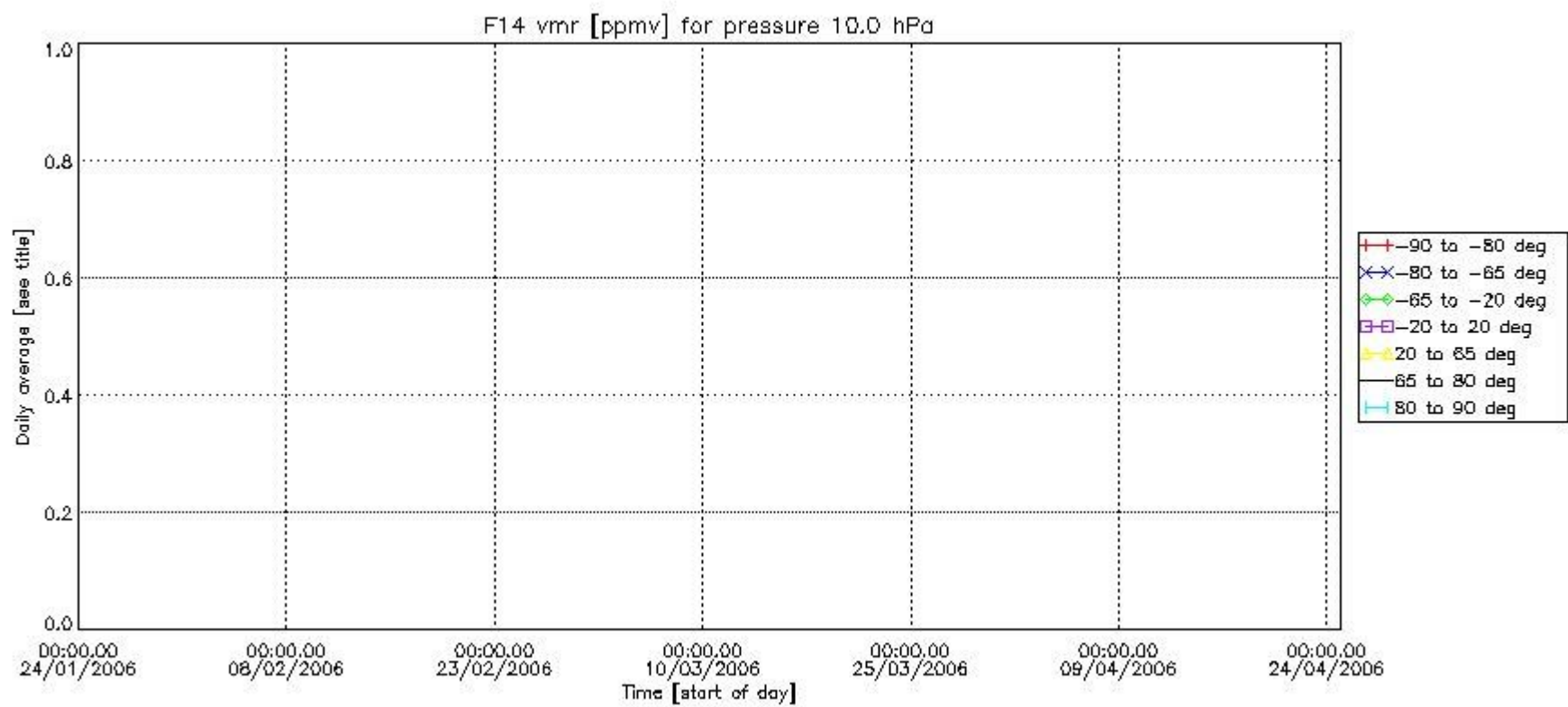
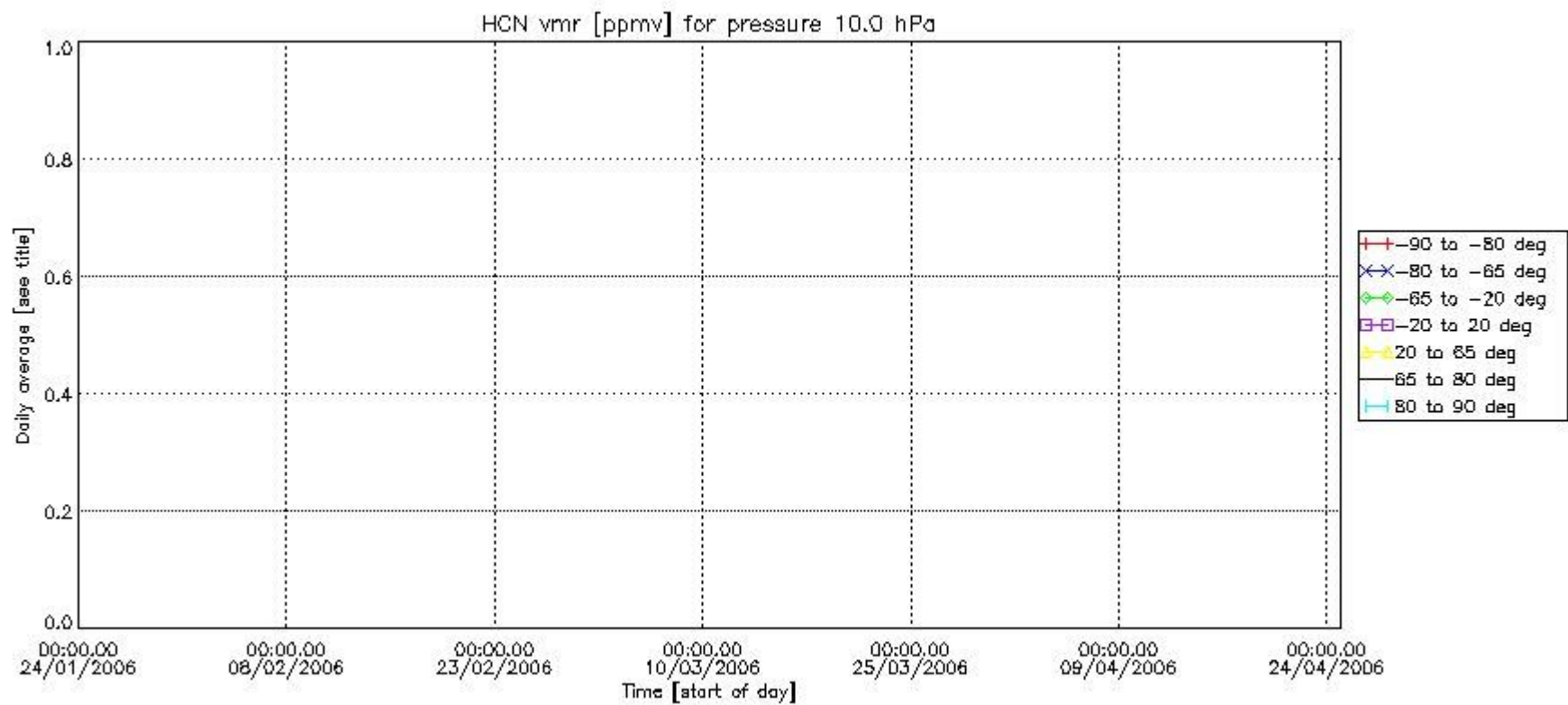


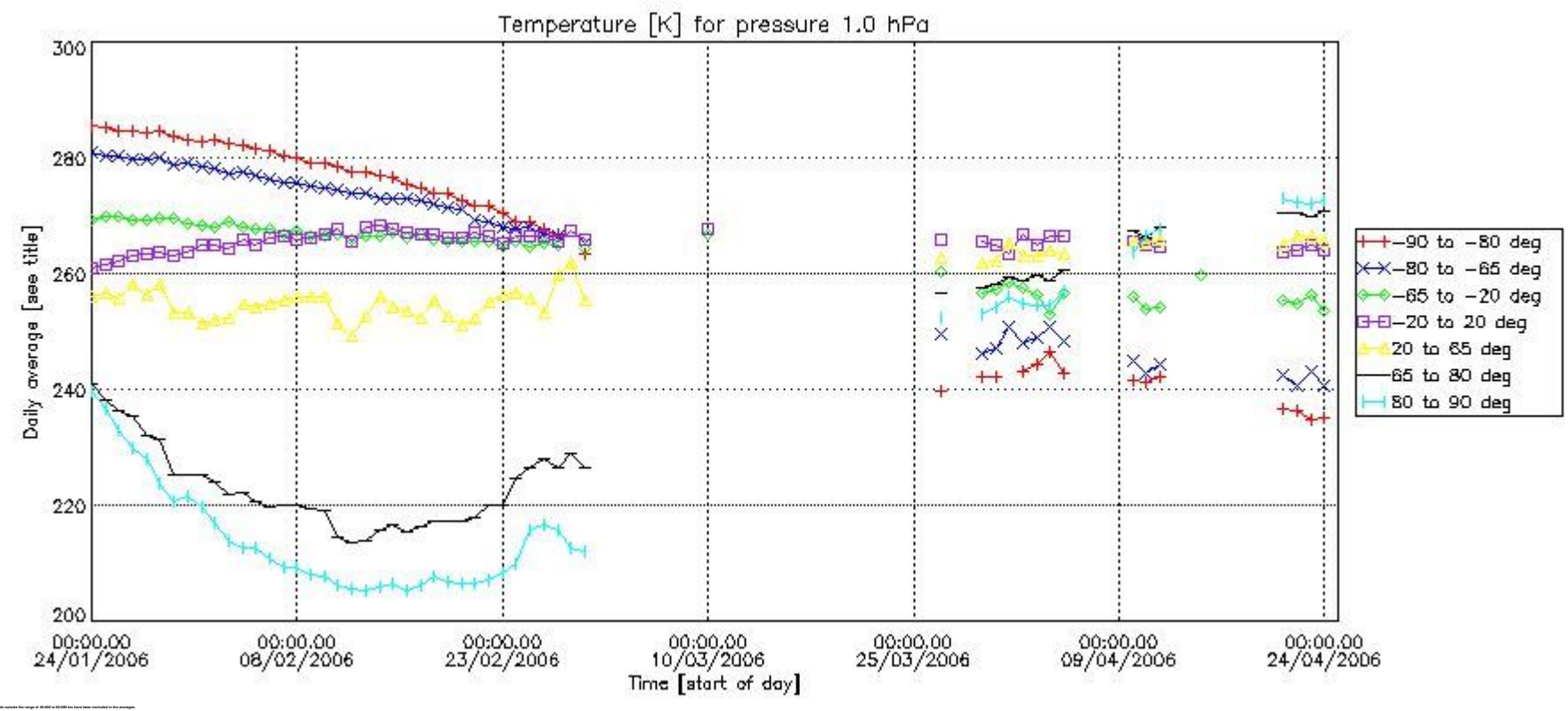
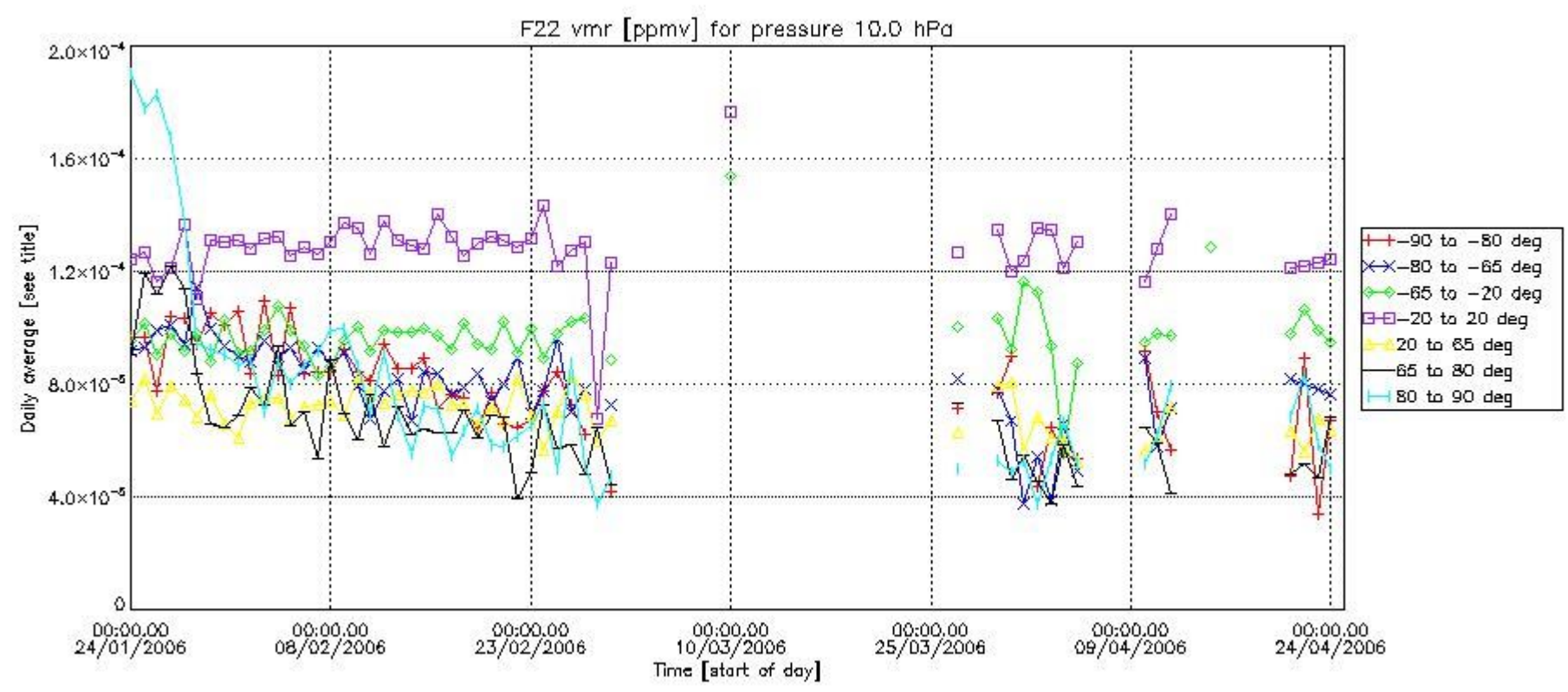


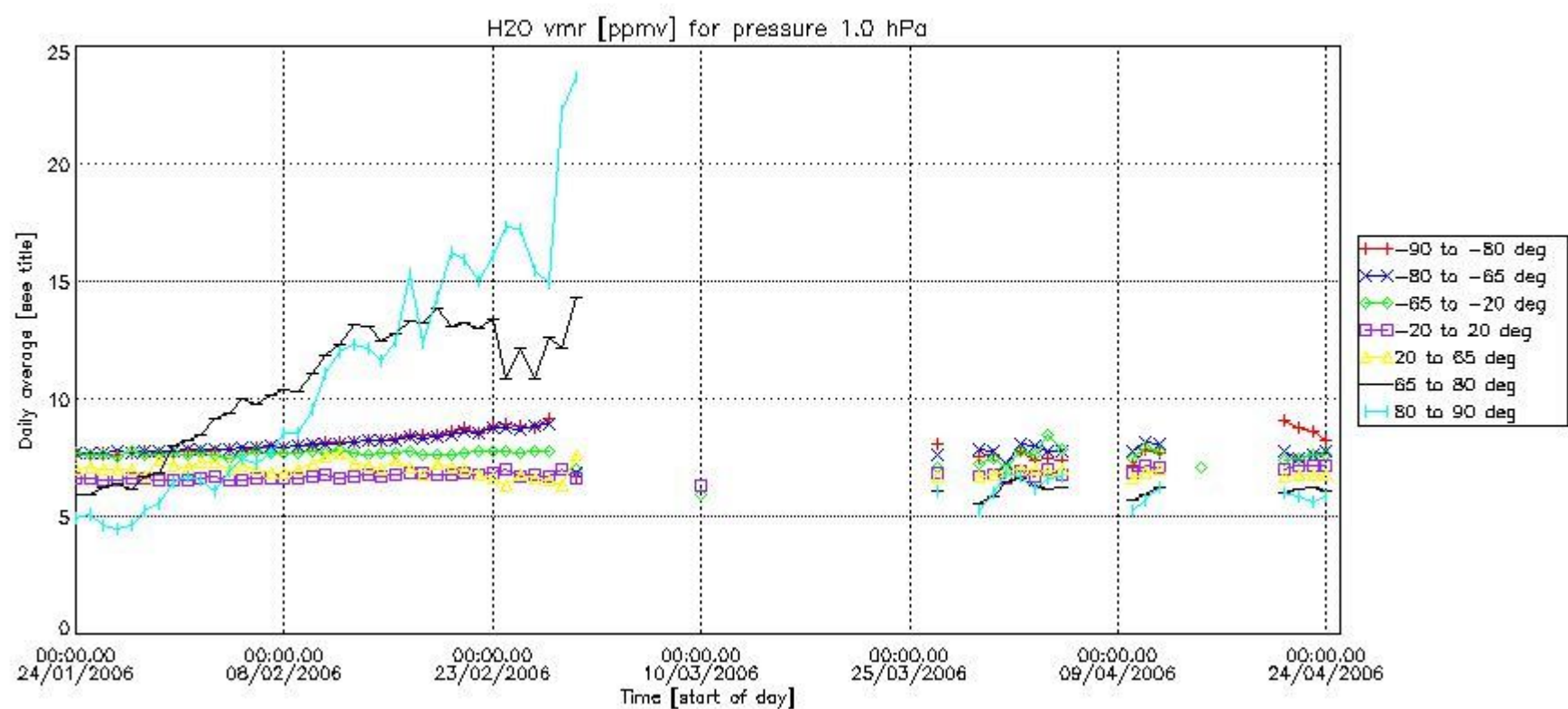
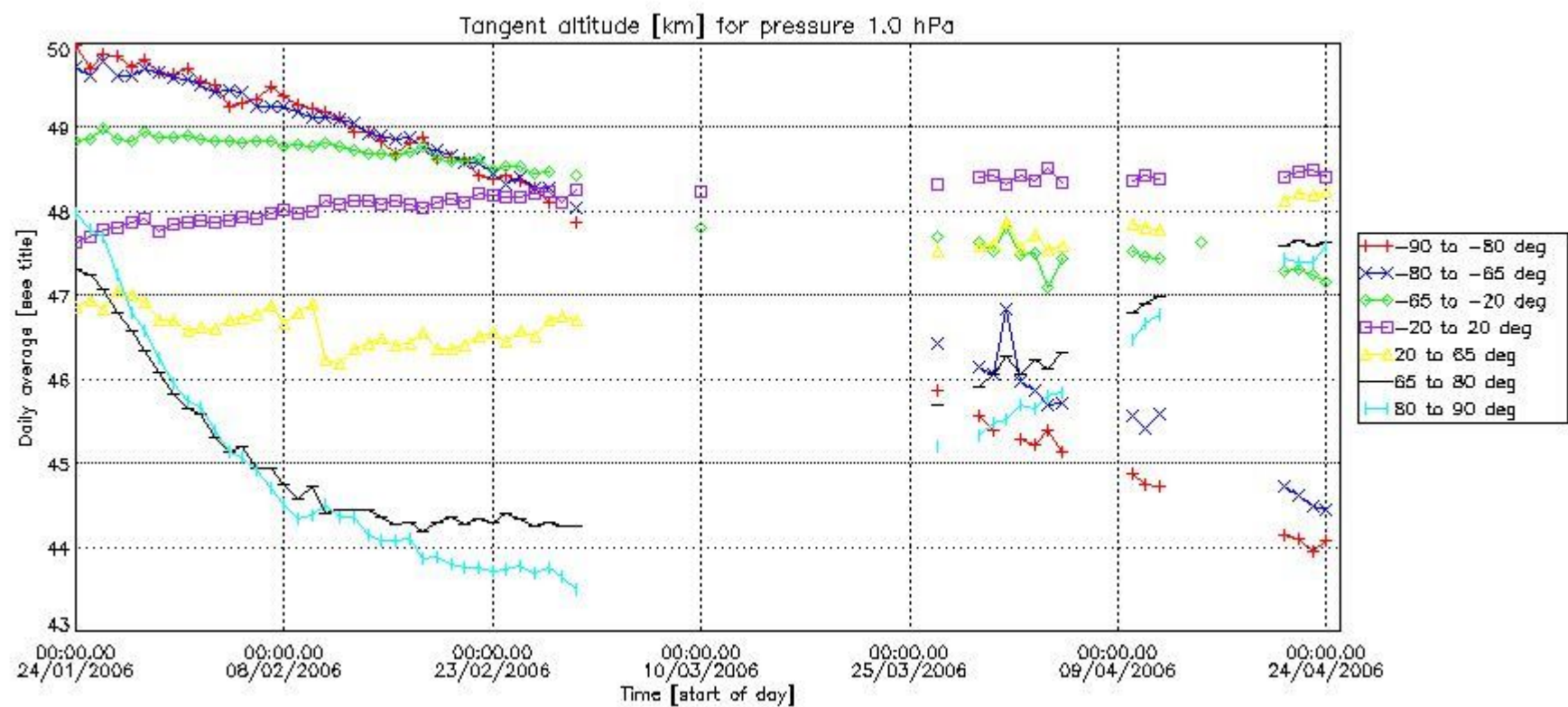


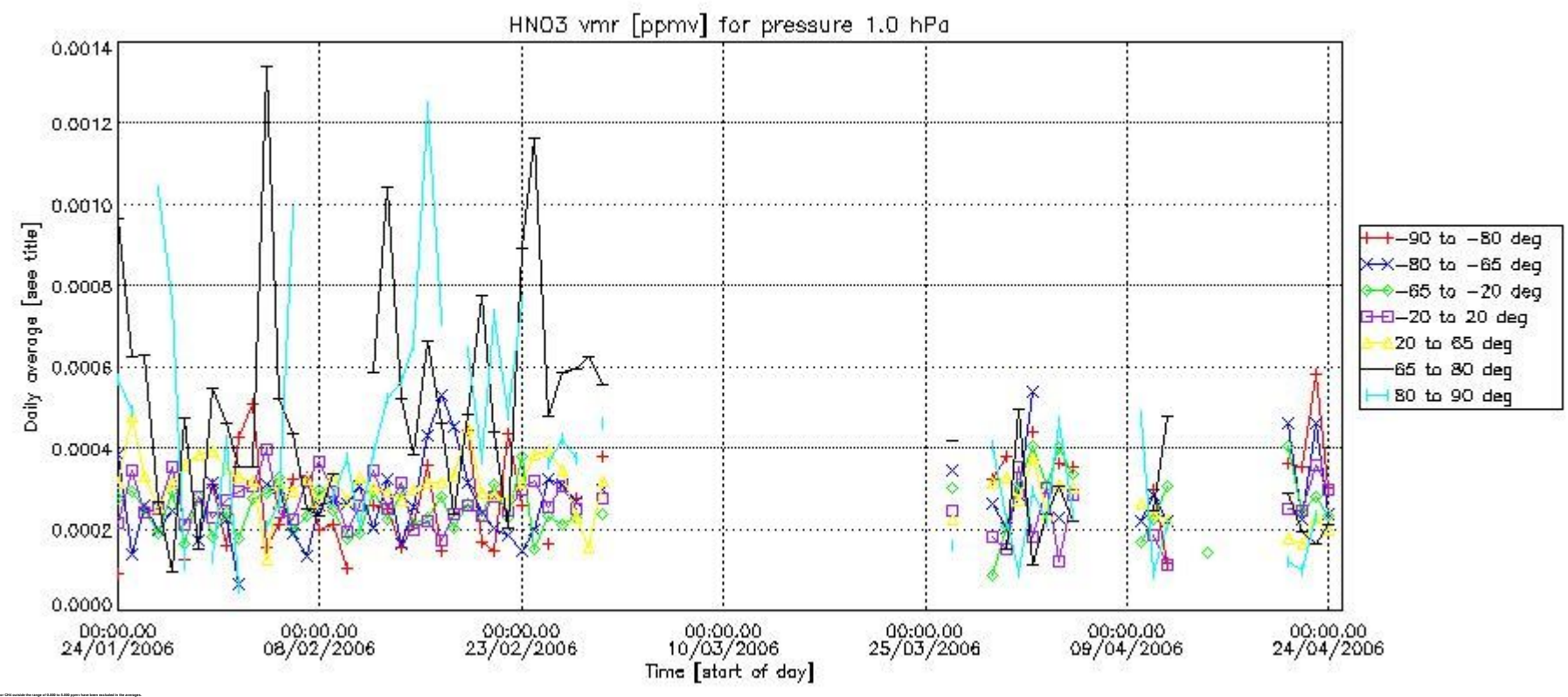
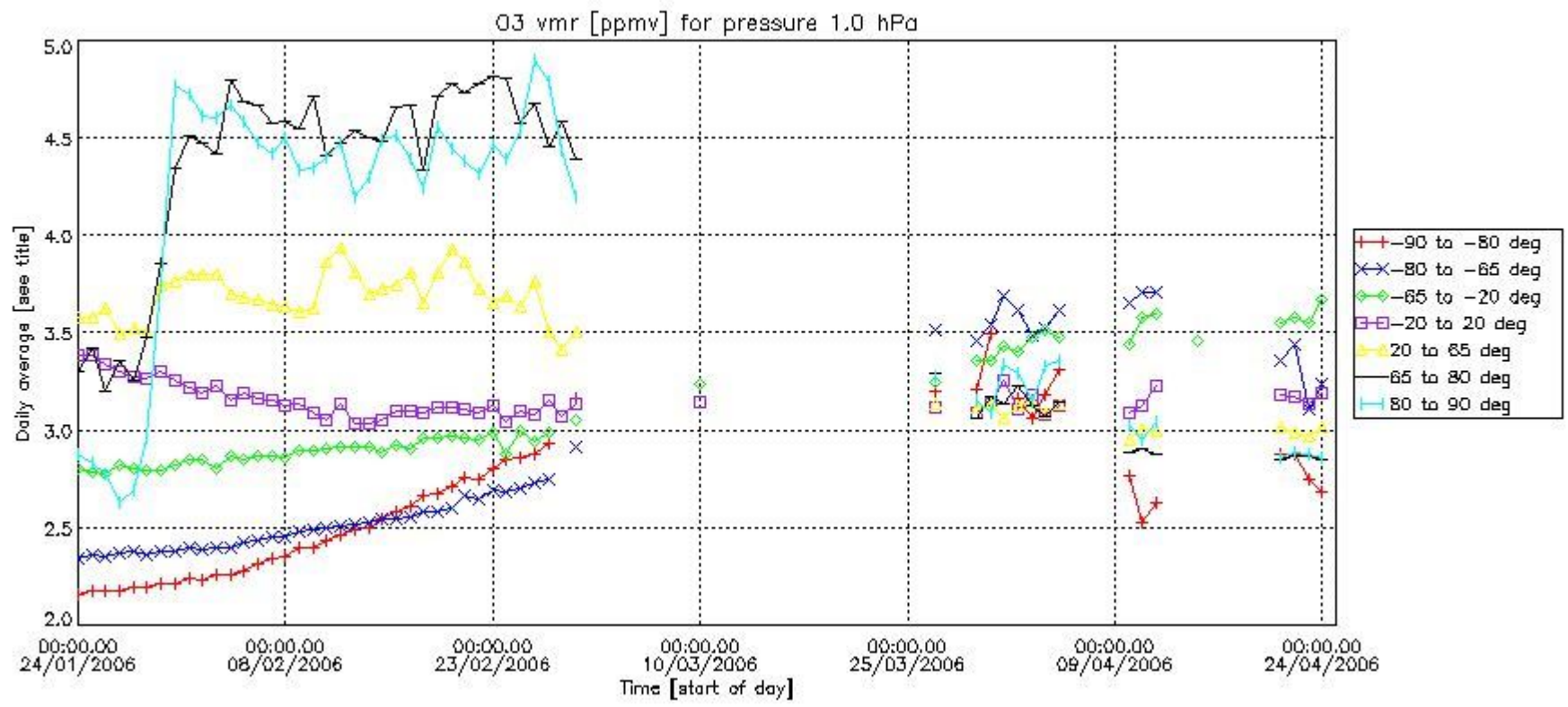


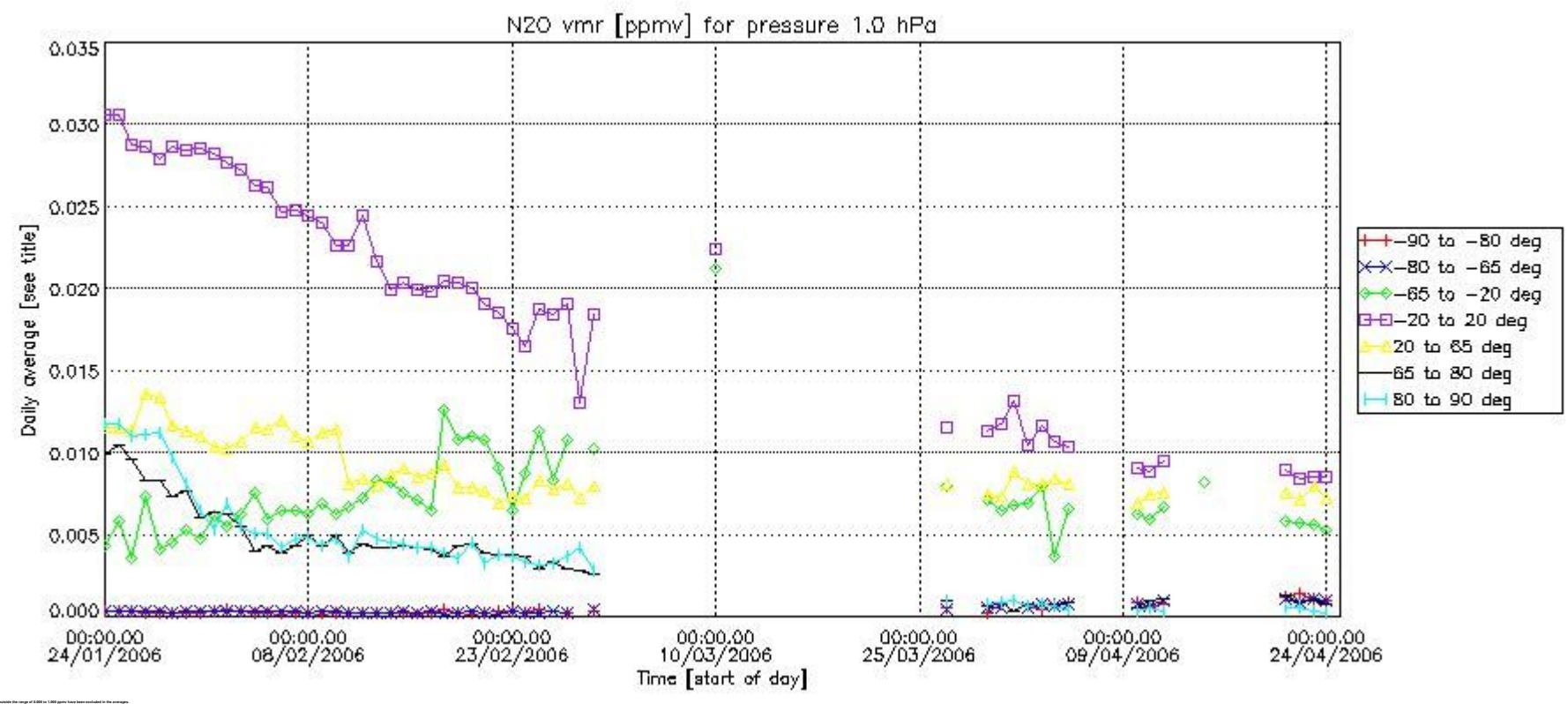
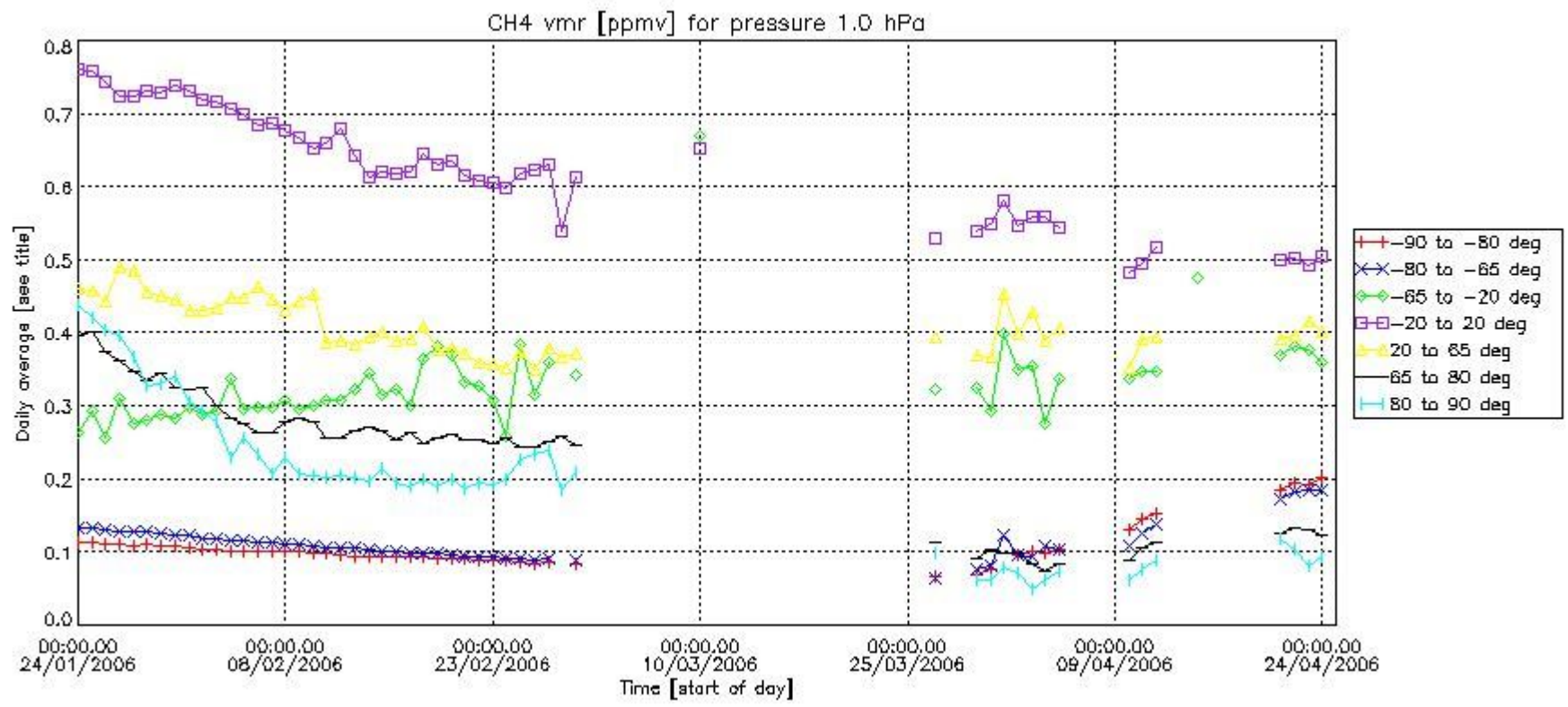


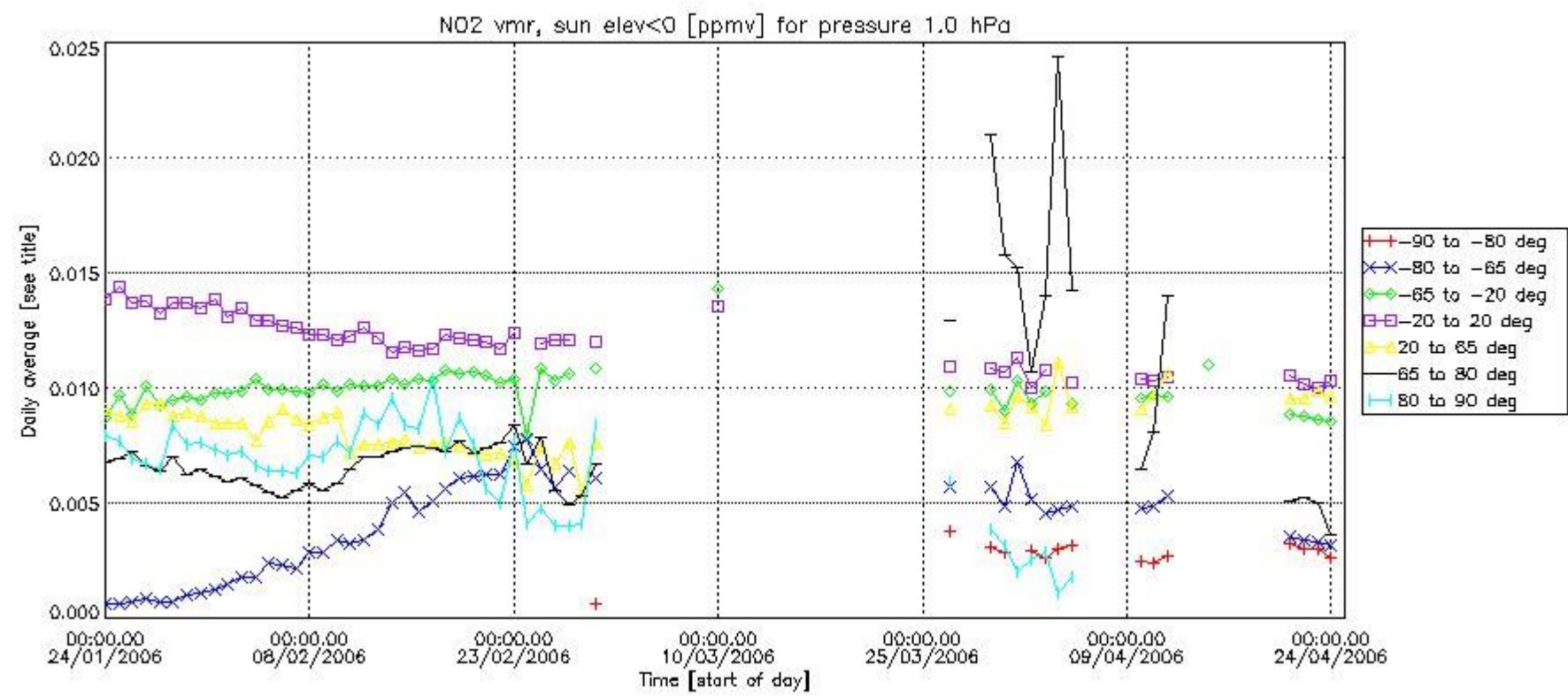
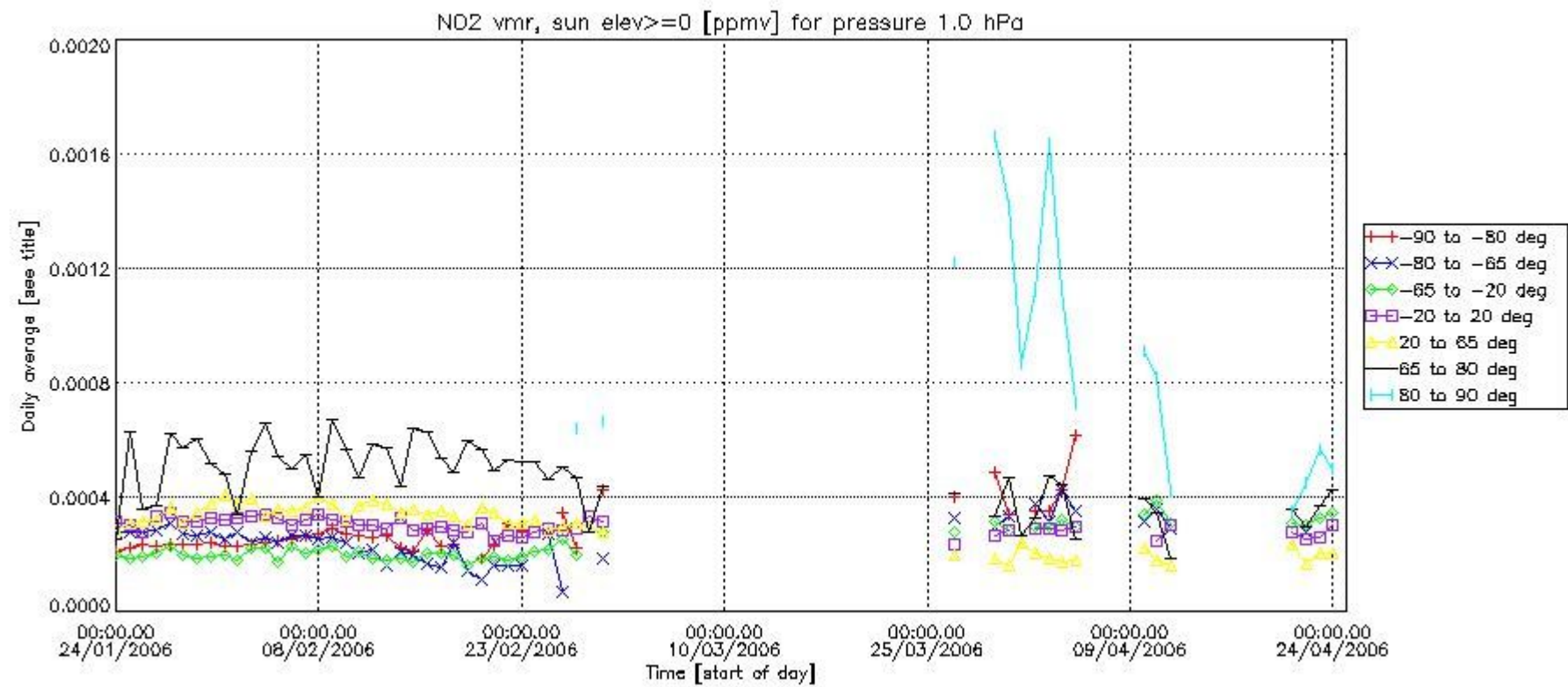


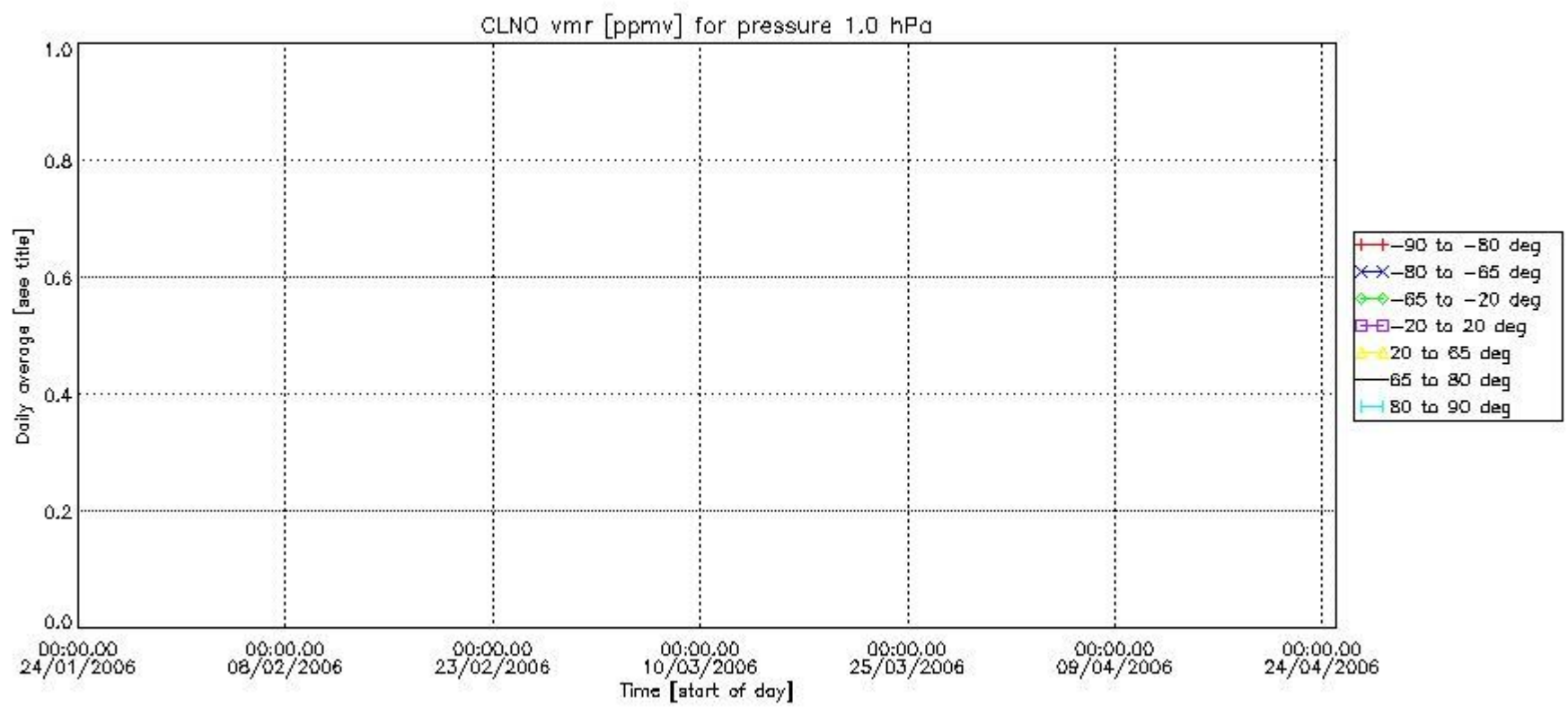
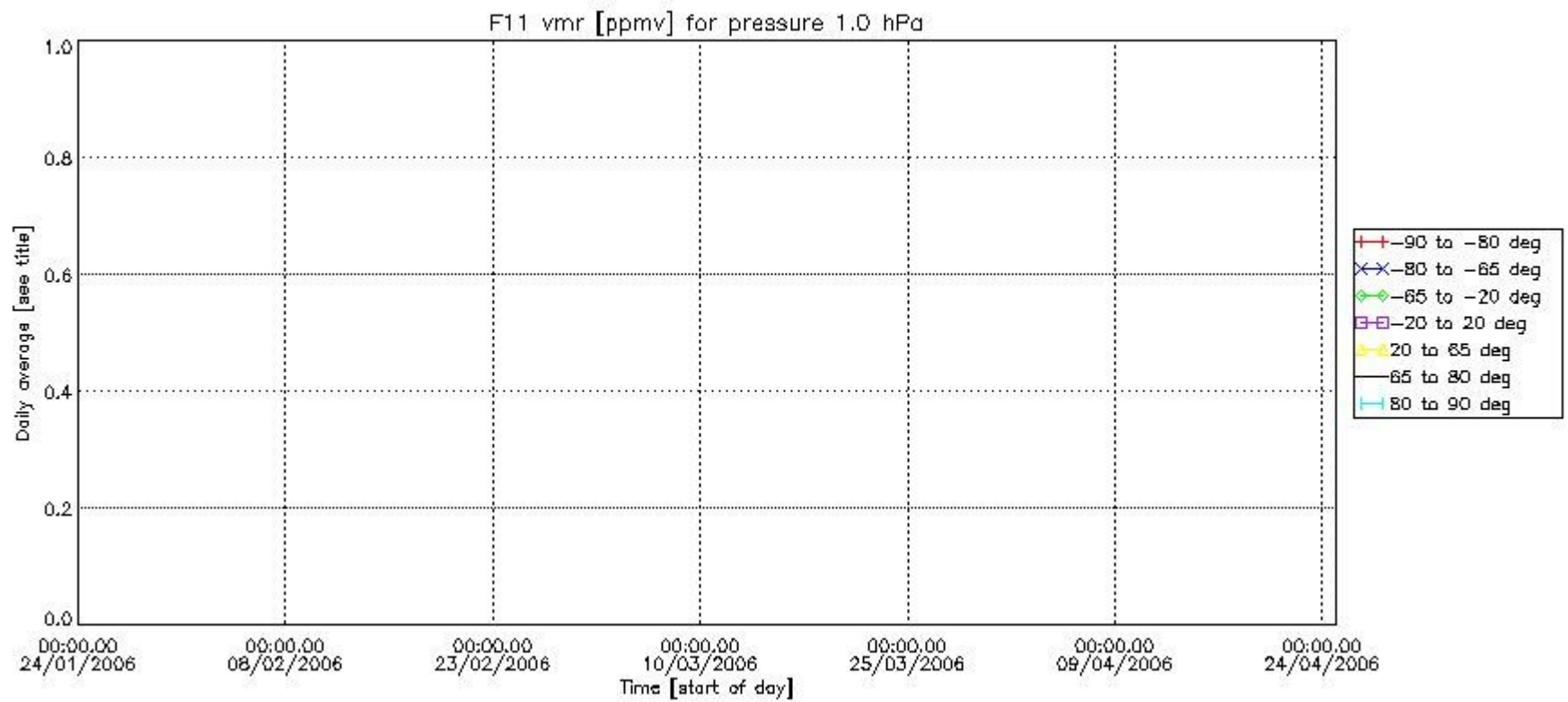


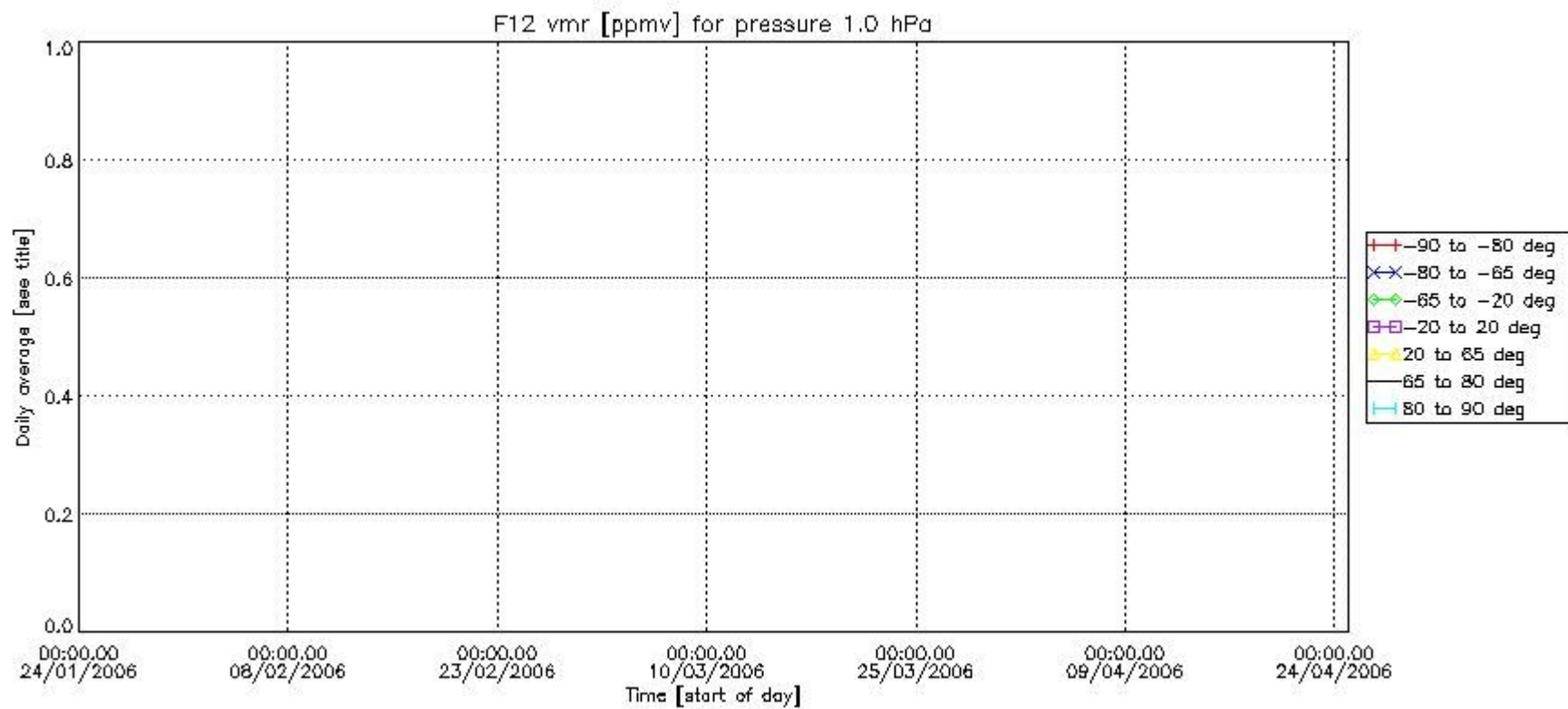
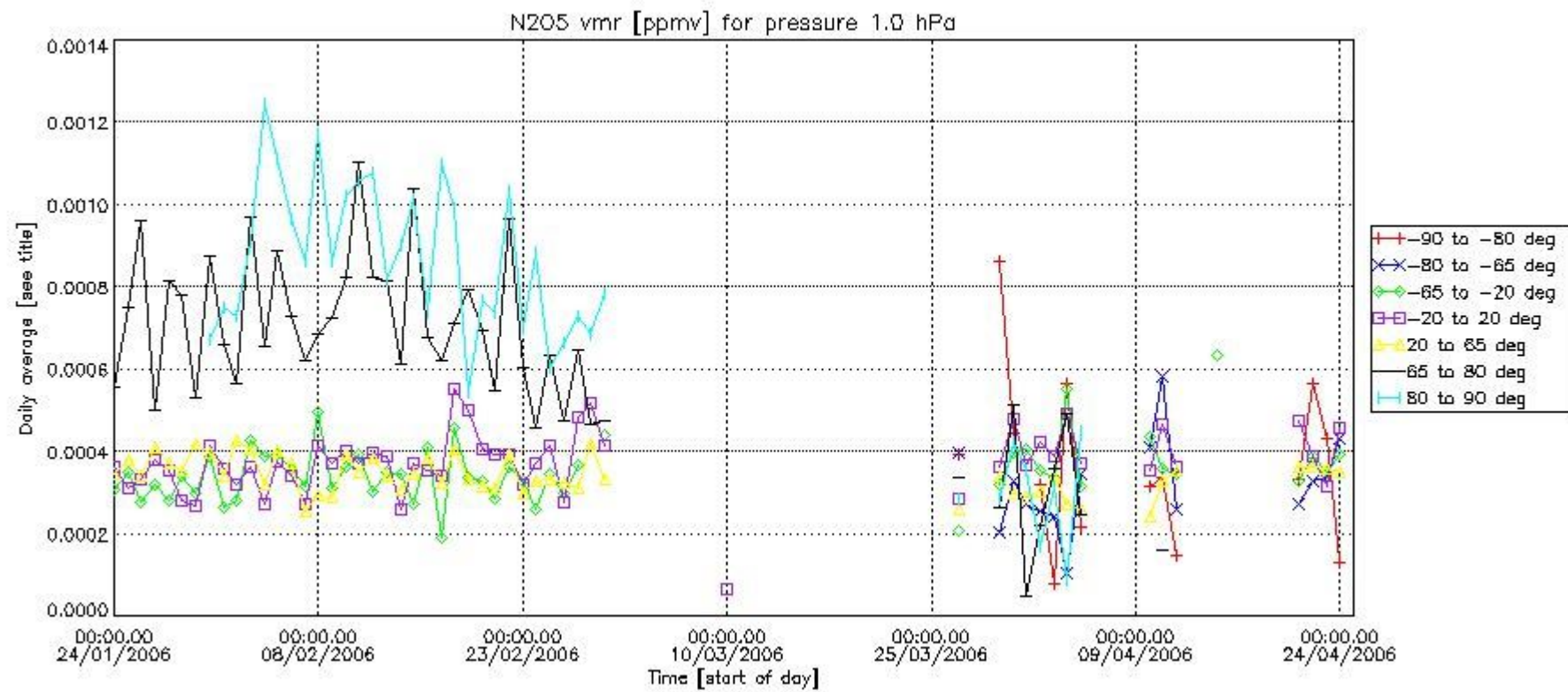


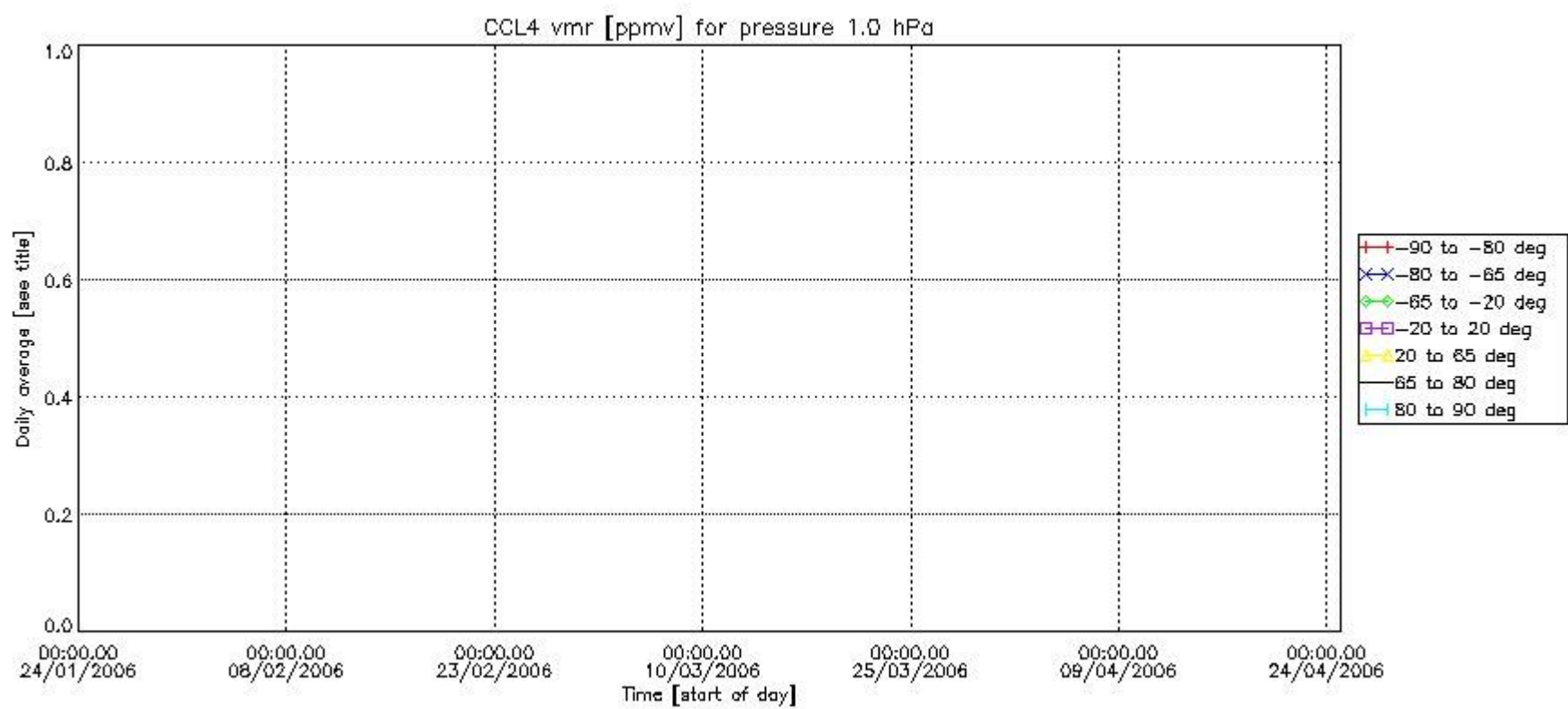
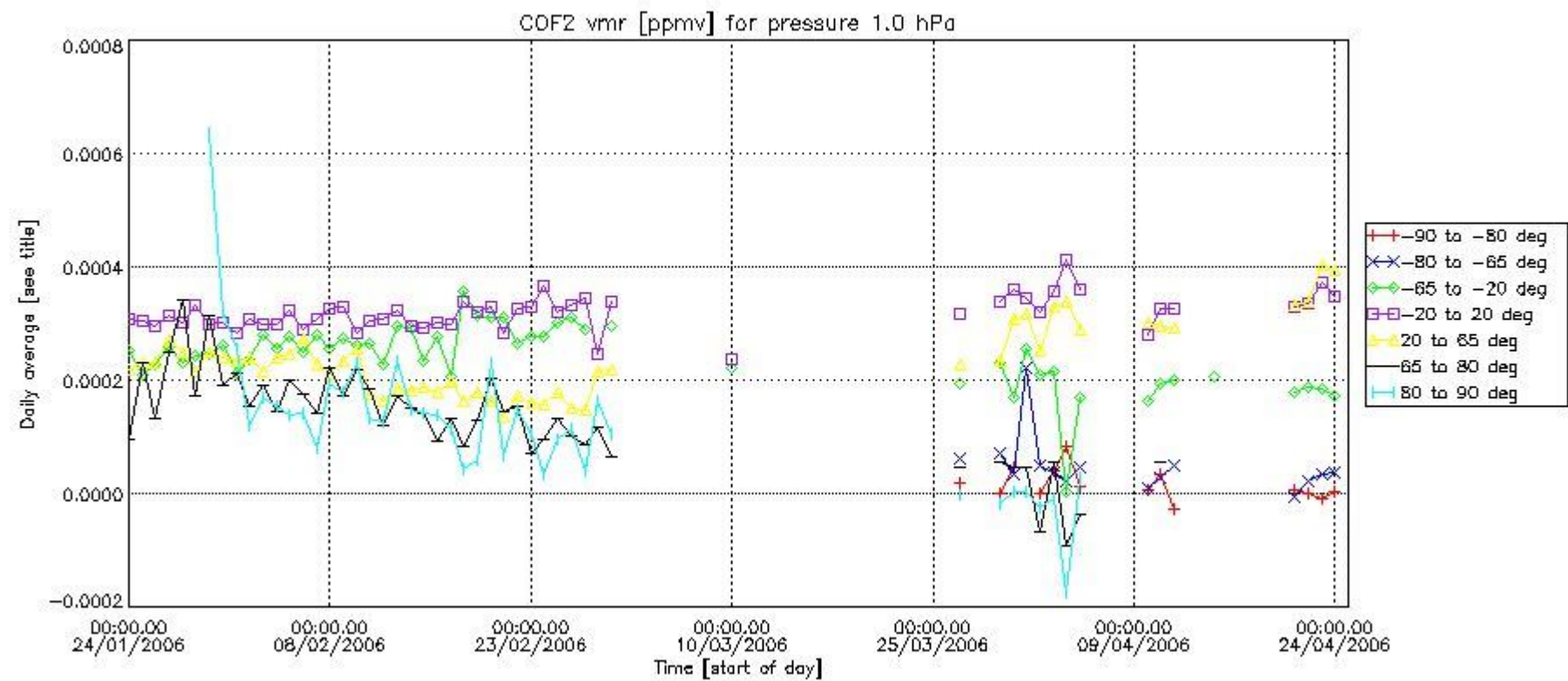


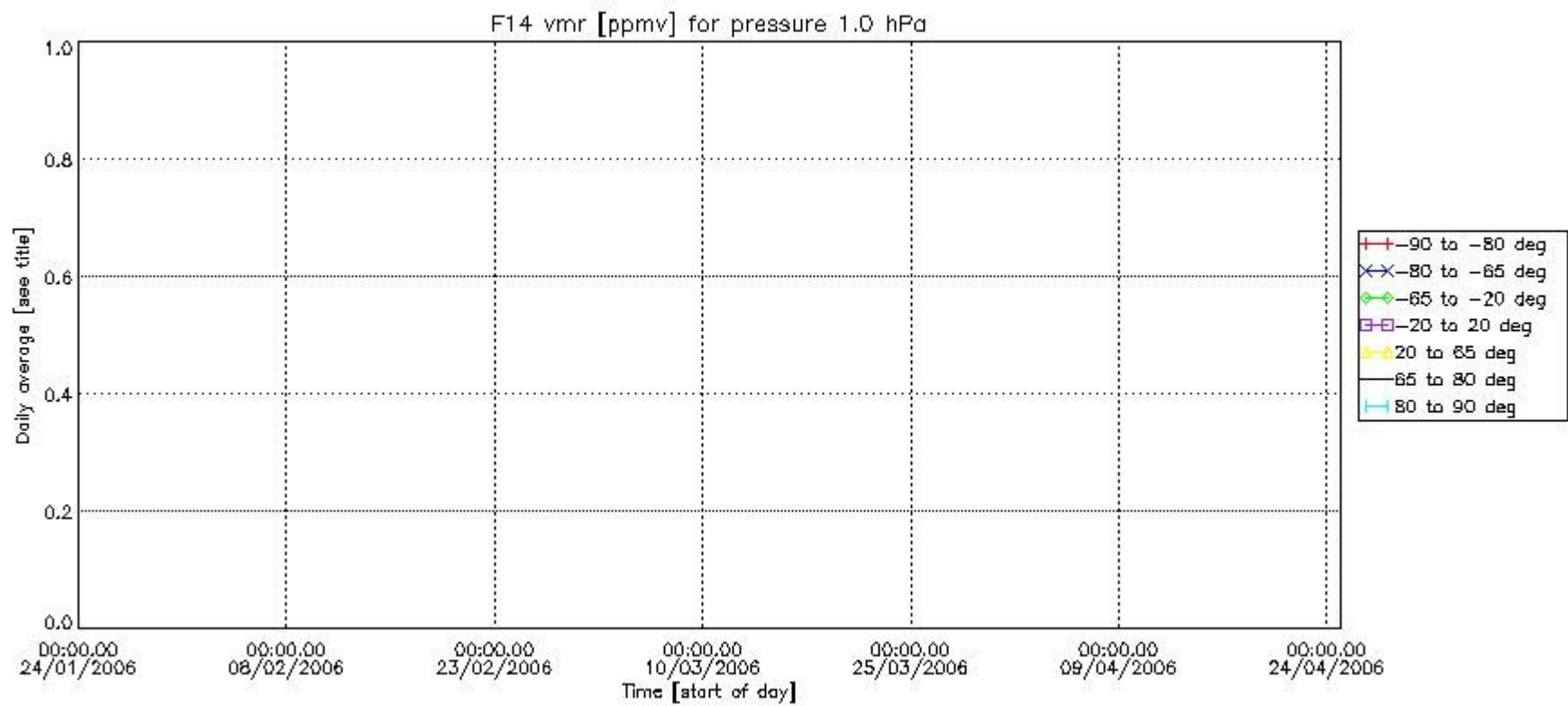
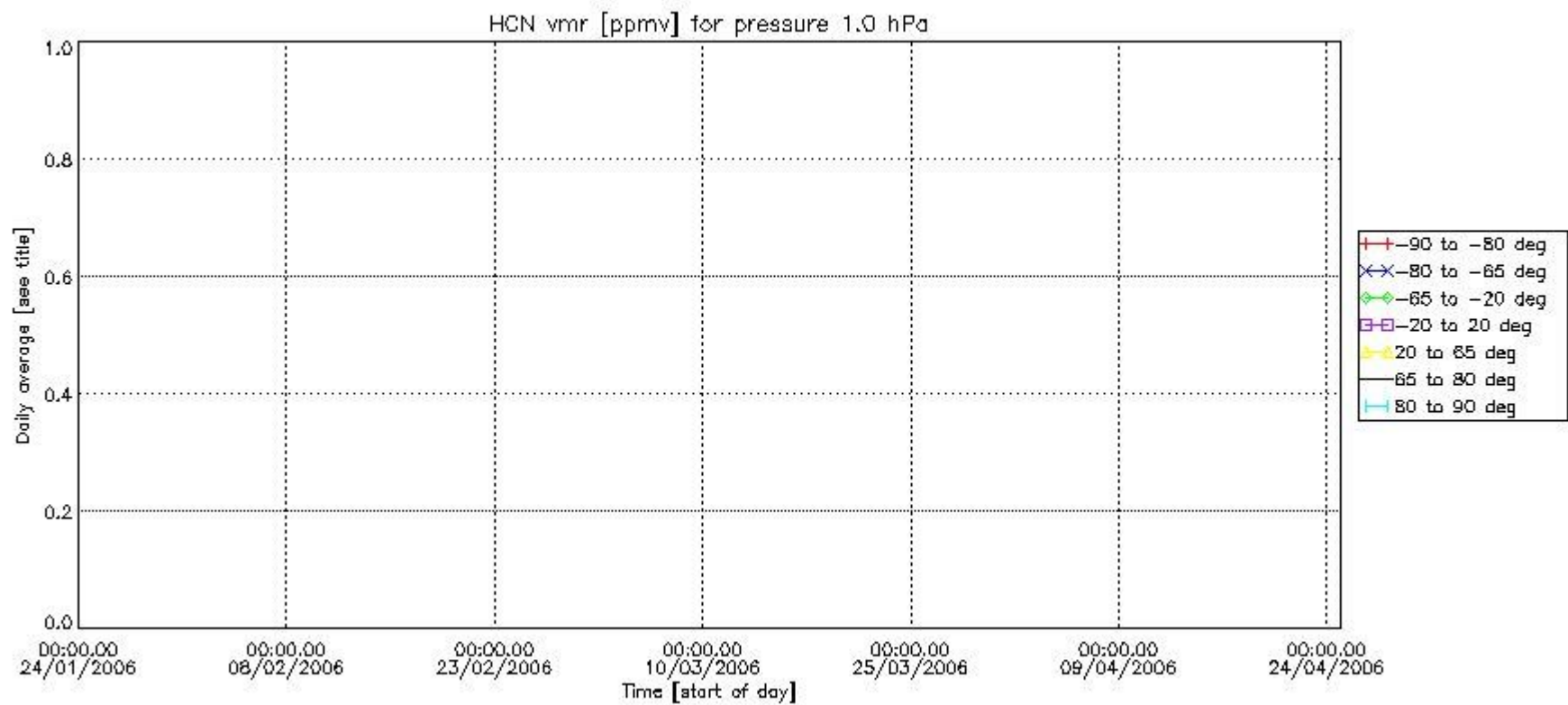


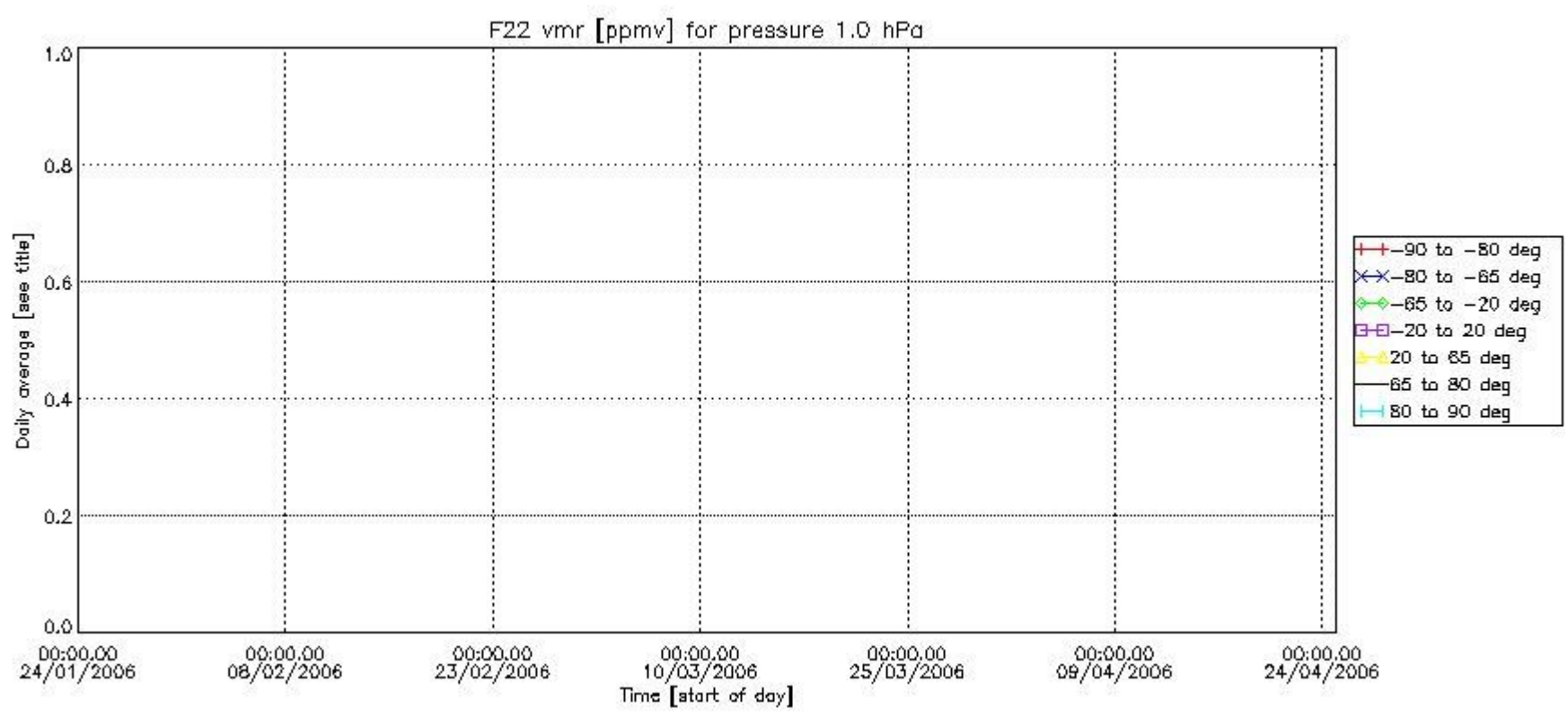












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

