

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060124.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 11:34:41
Data source version	ML2PP/7.03-W
Processing scope for products	24JAN2006 00:00:00 to 25JAN2006 00:00:00
Start time of first product within scope	24JAN2006 08:47:30
Stop time of last product within scope	24JAN2006 21:55:24
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_2PWDSI20060124_084730_000057482044_00308_20402_1000.N1	24JAN2006 08:47:30	24JAN2006 10:23:18	0	103/103	VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:1; F14/micro:1]
1	MIP_NL_2PWDSI20060124_102408_000060352044_00309_20403_1000.N1	24JAN2006 10:24:08	24JAN2006 12:04:43	0	133/133	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]
2	MIP_NL_2PWDSI20060124_120450_000005502044_00310_20404_1000.N1	24JAN2006 12:04:50	24JAN2006 12:13:59	0	12/12	
3	MIP_NL_2PWDSI20060124_185106_000057472044_00314_20408_1000.N1	24JAN2006 18:51:06	24JAN2006 20:26:54	0	122/122	VMR_TERM_MACRO_MICRO[HCN/macro:3; F14/macro:1; HCN/micro:1]
4	MIP_NL_2PWDSI20060124_202744_000052602044_00315_20409_1000.N1	24JAN2006 20:27:44	24JAN2006 21:55:24	0	116/116	VMR_TERM_MACRO_MICRO[F14/macro:3; HCN/micro:2]

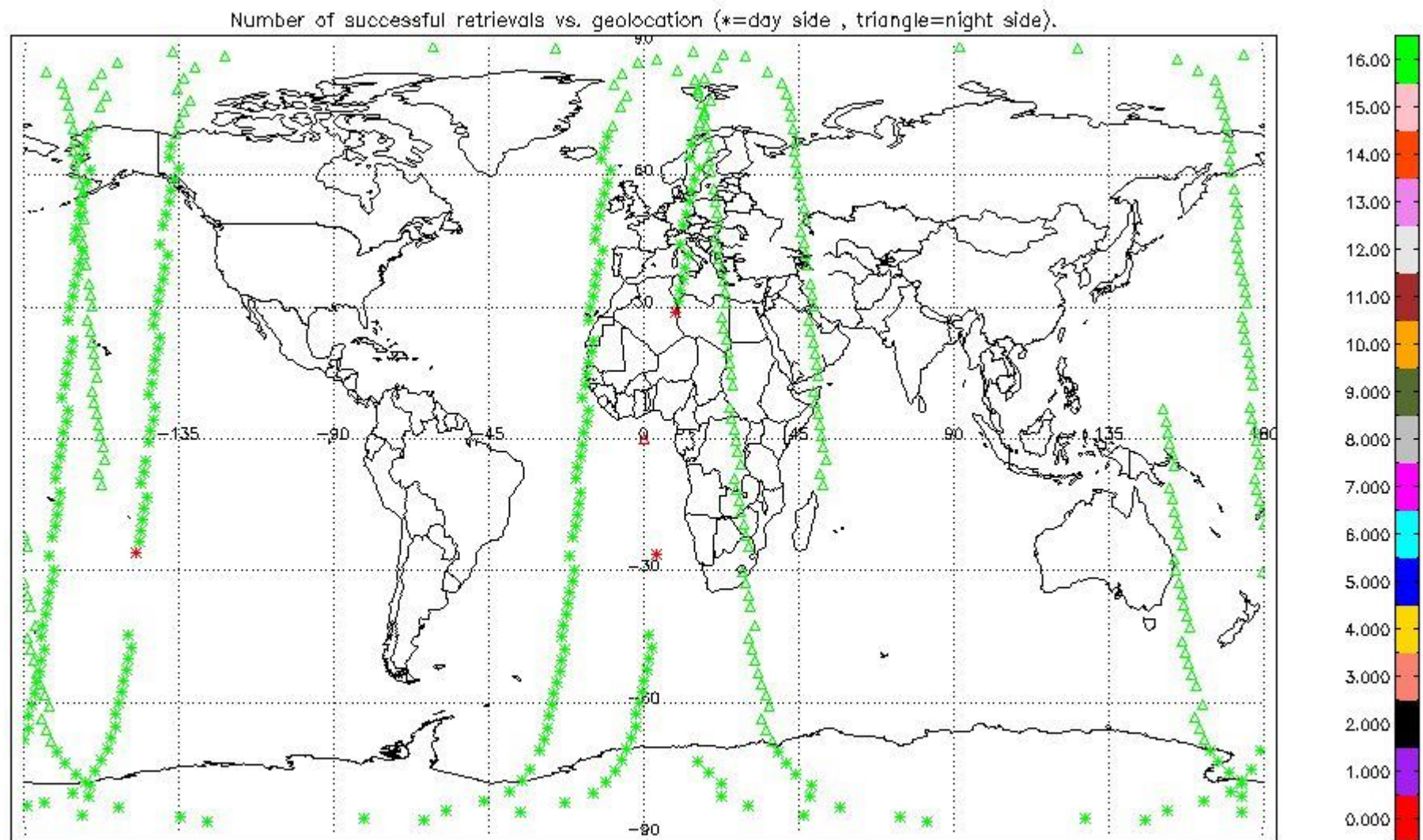
2.2 Processing performance indicators

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.

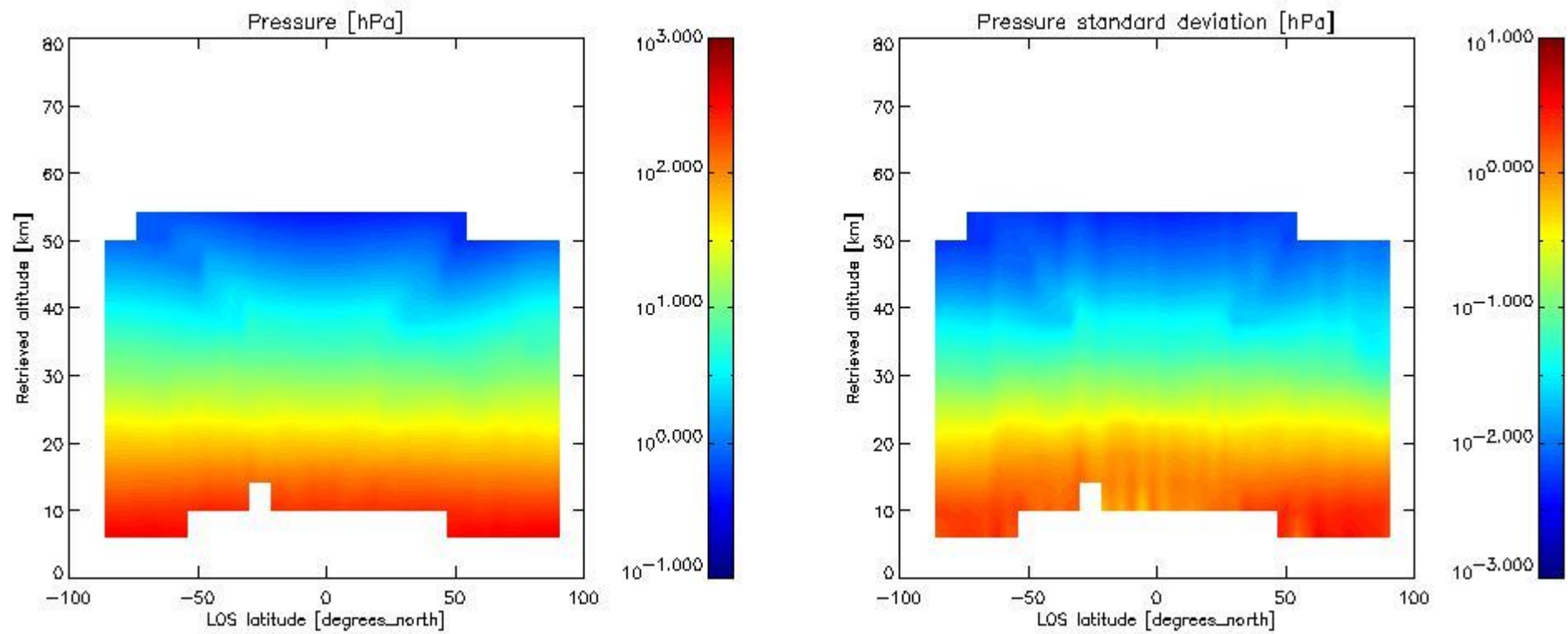
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	486	481	98.971
H2O	486	481	98.971
O3	486	481	98.971
HNO3	486	481	98.971
CH4	486	481	98.971

N2O	486	481	98.971
NO2	486	481	98.971
F11	486	481	98.971
CLNO	486	481	98.971
N2O5	486	481	98.971
F12	486	481	98.971
COF2	486	481	98.971
CCL4	486	481	98.971
HCN	486	481	98.971
F14	486	481	98.971
F22	486	481	98.971



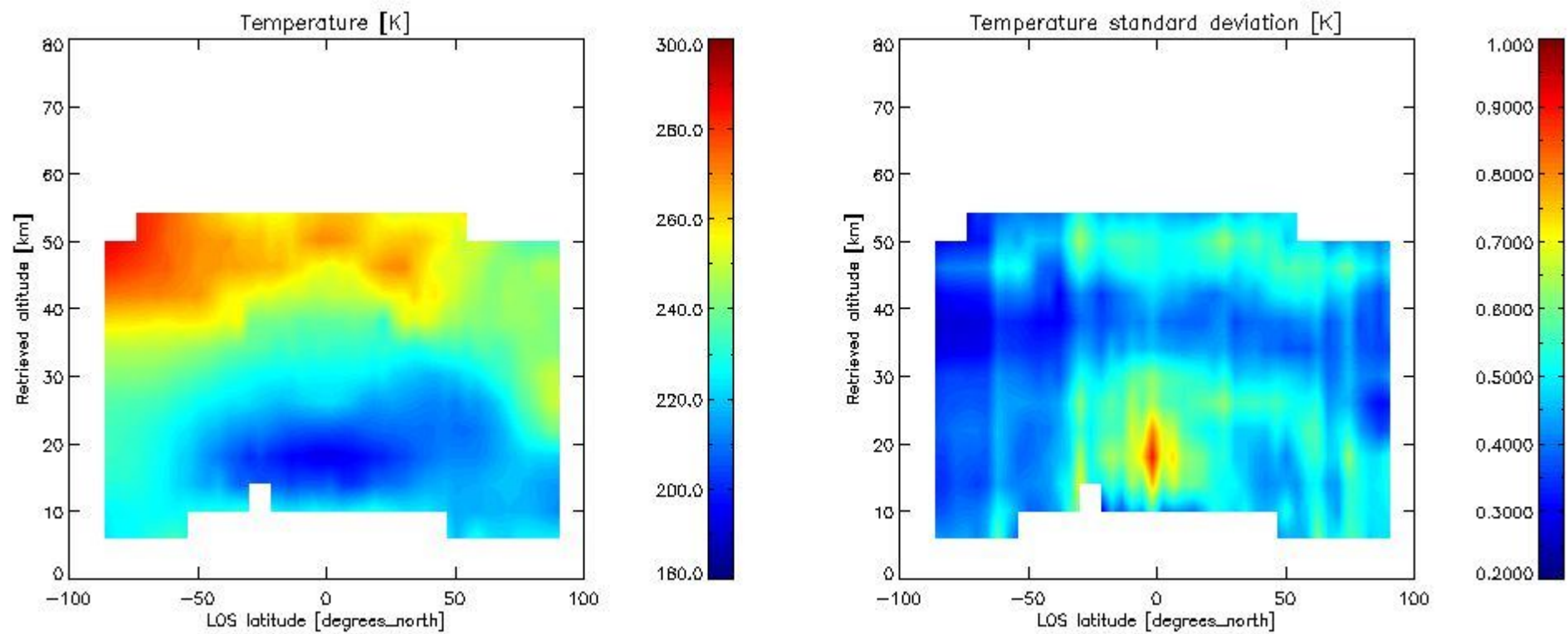
2.2.2 Pressure overview

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



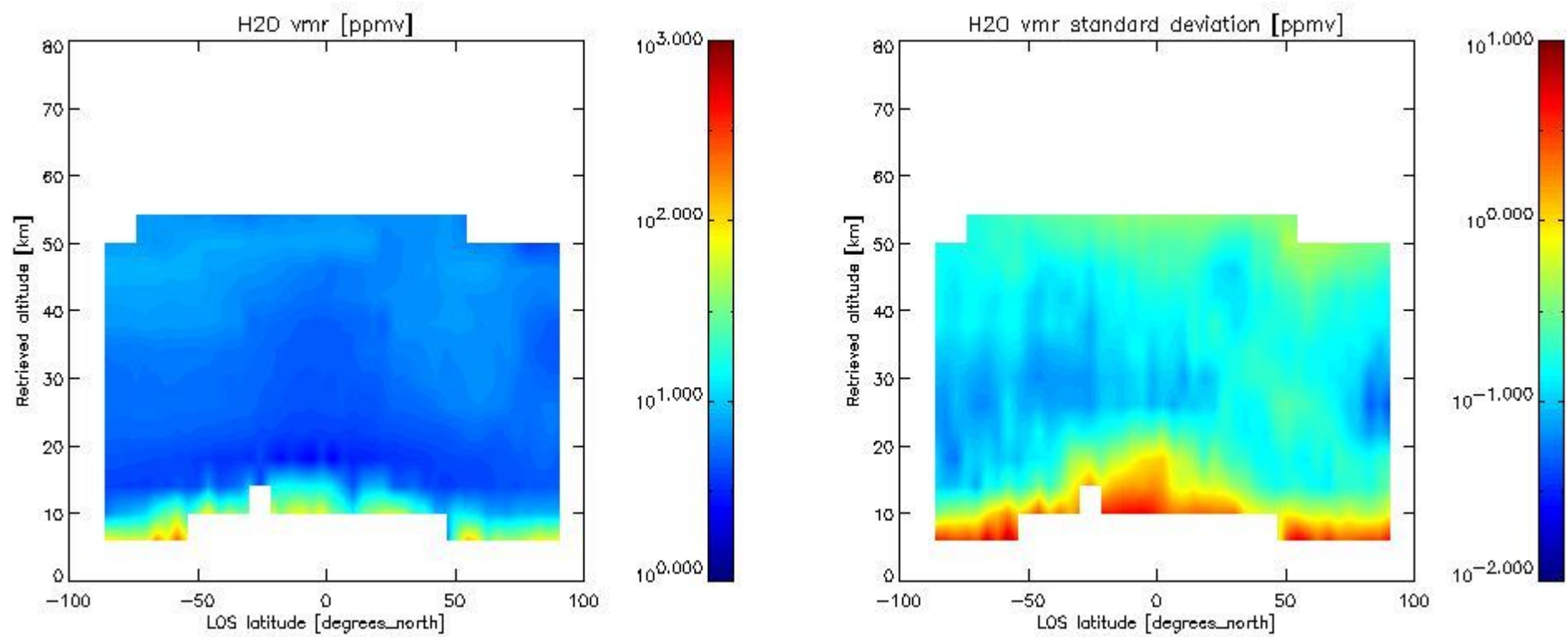
2.2.3 Temperature overview

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

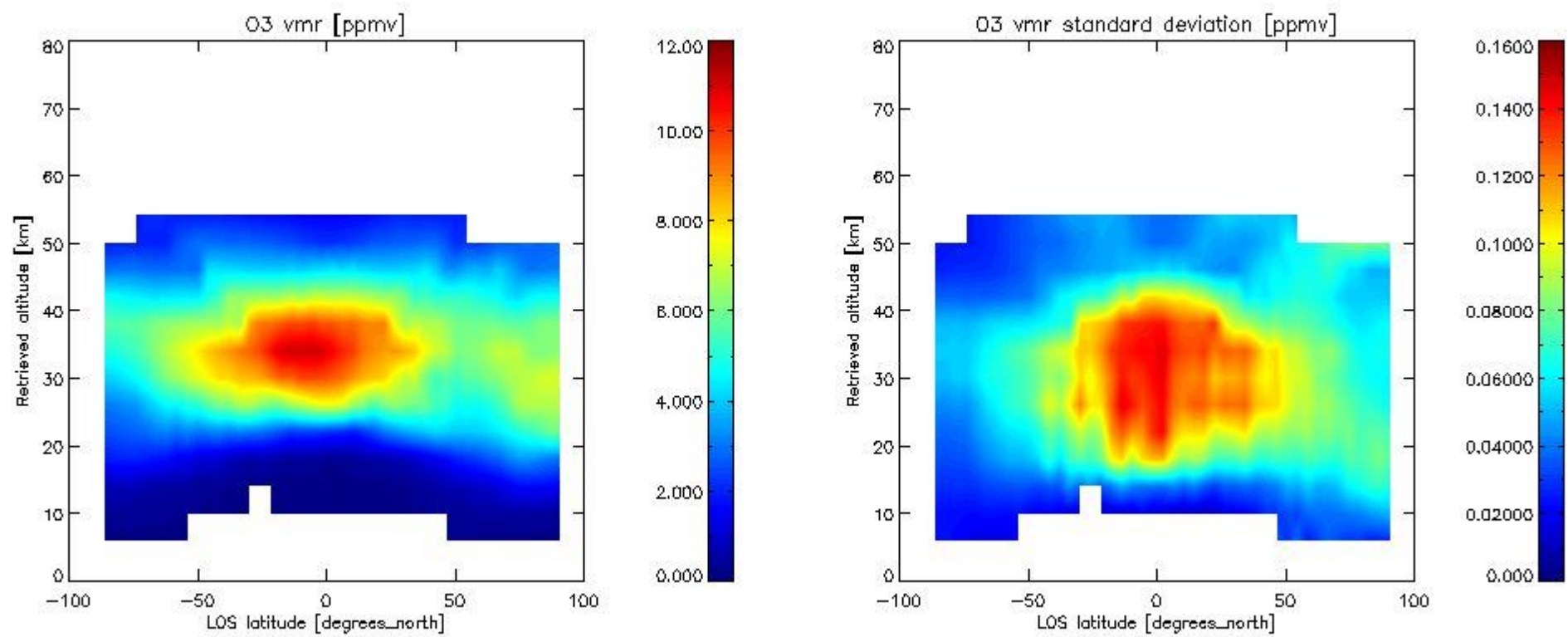


2.2.4 Species overview

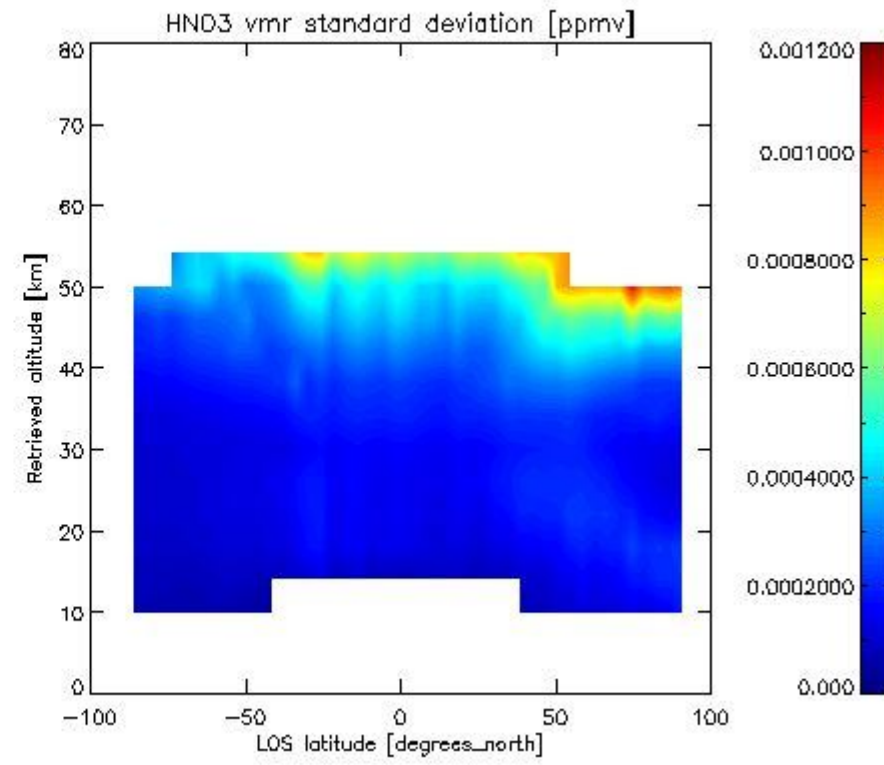
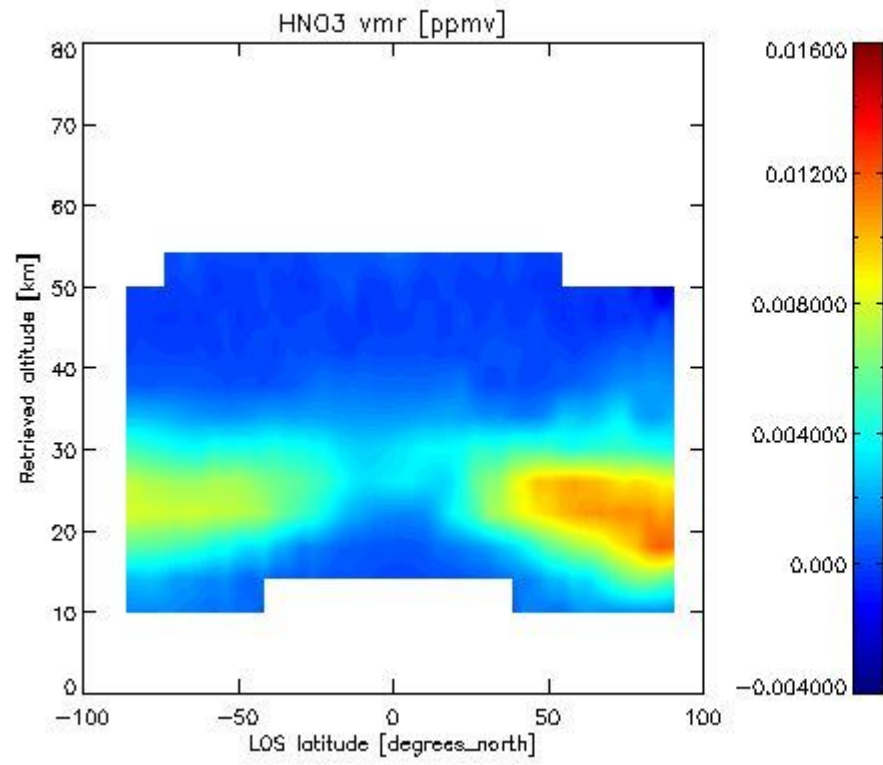
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



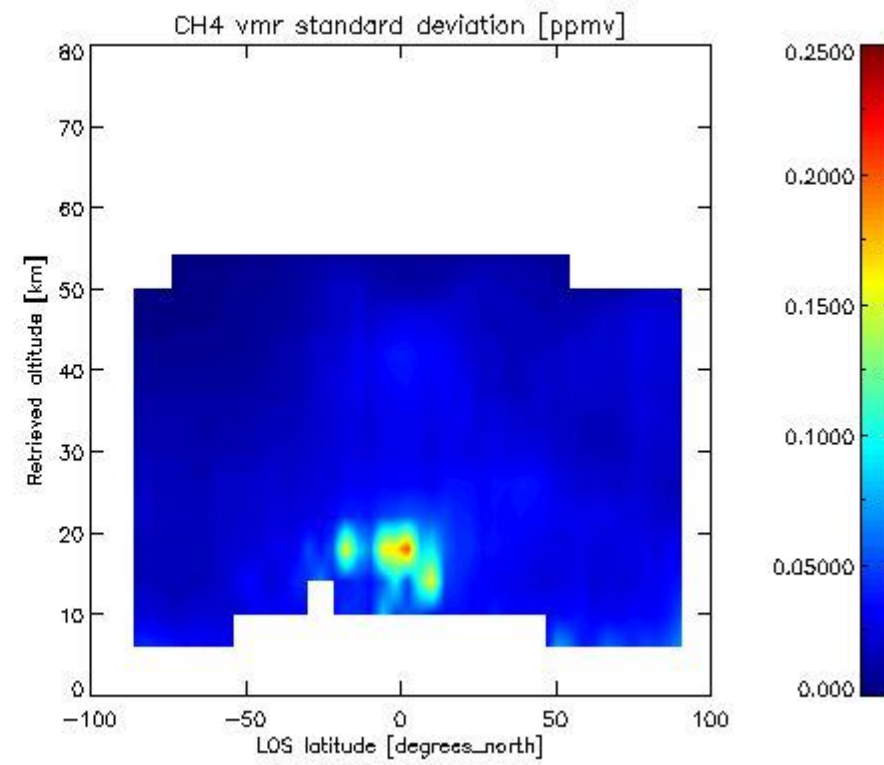
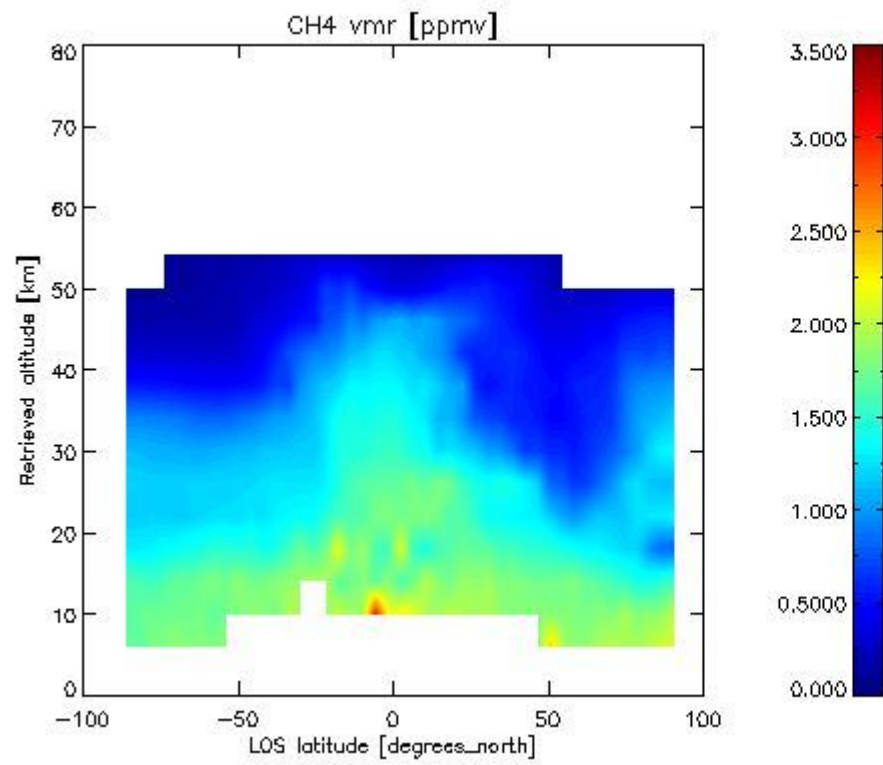
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



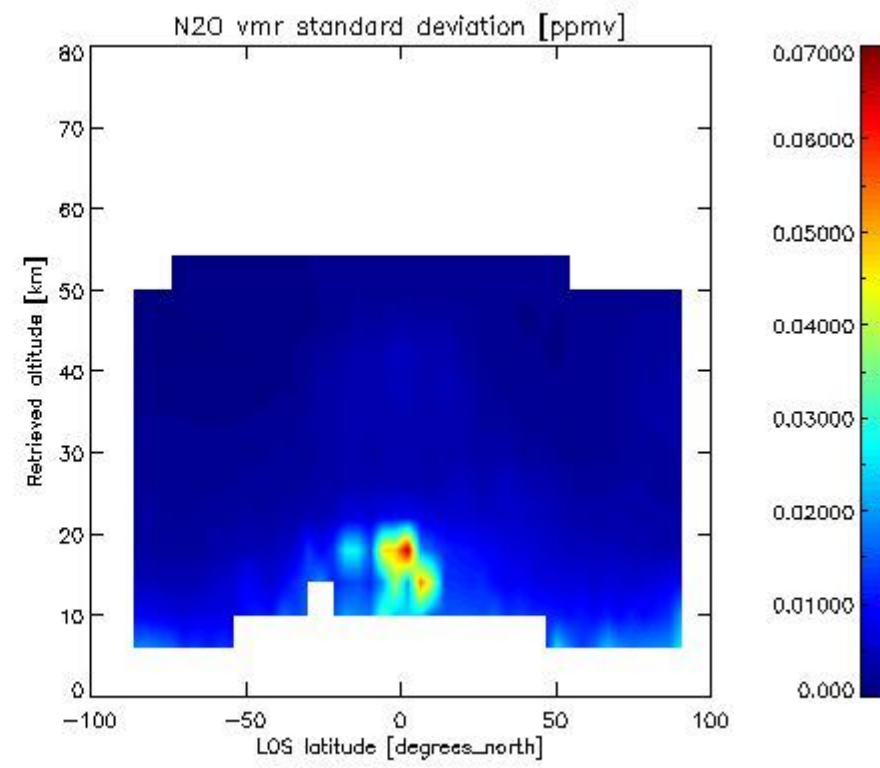
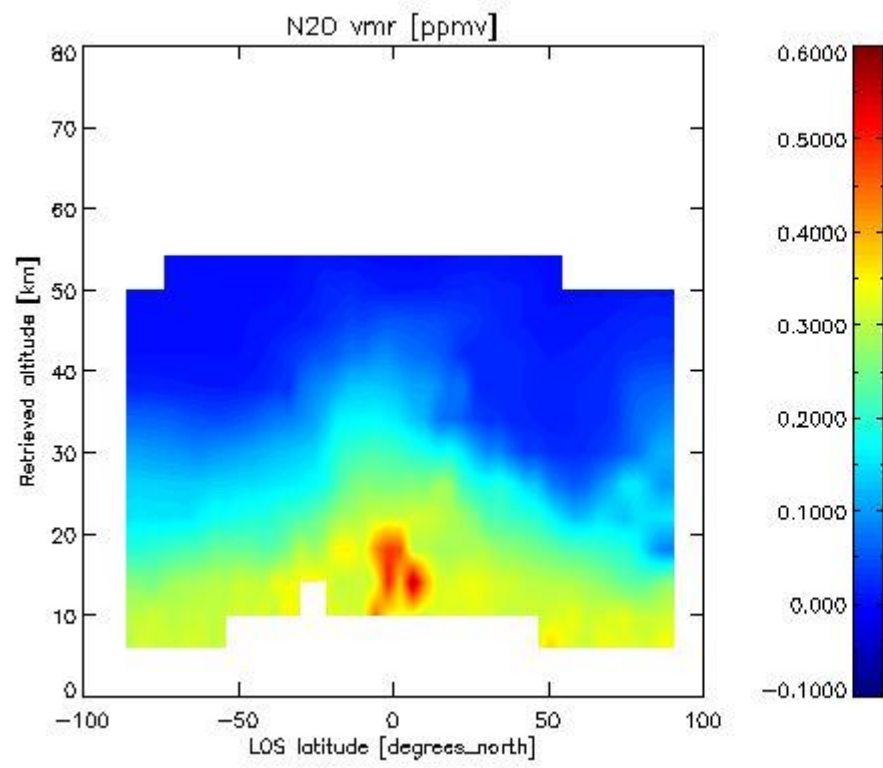
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



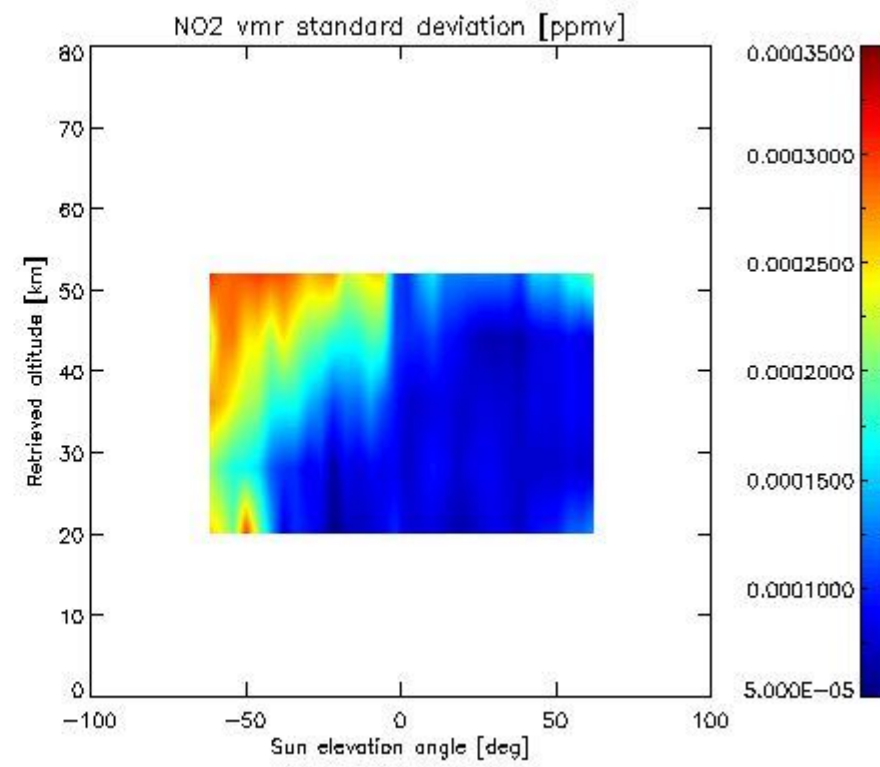
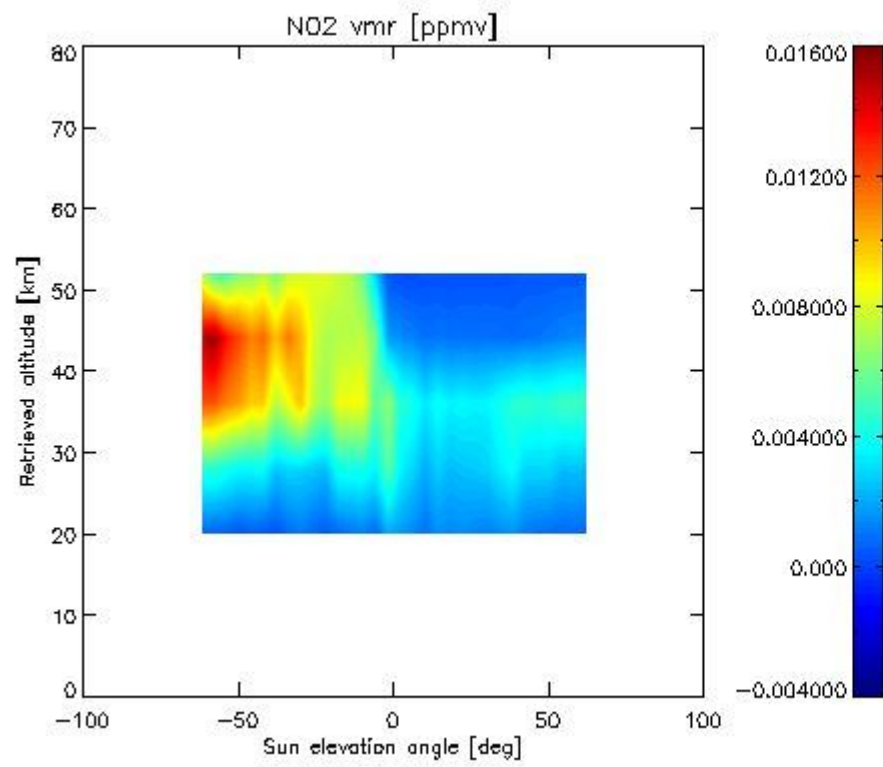
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



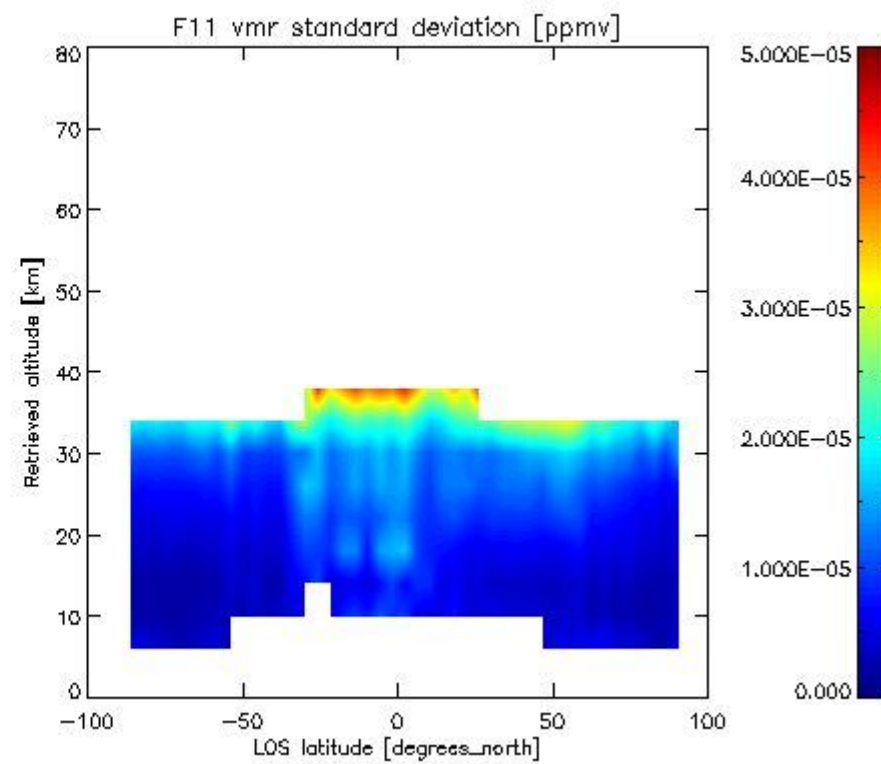
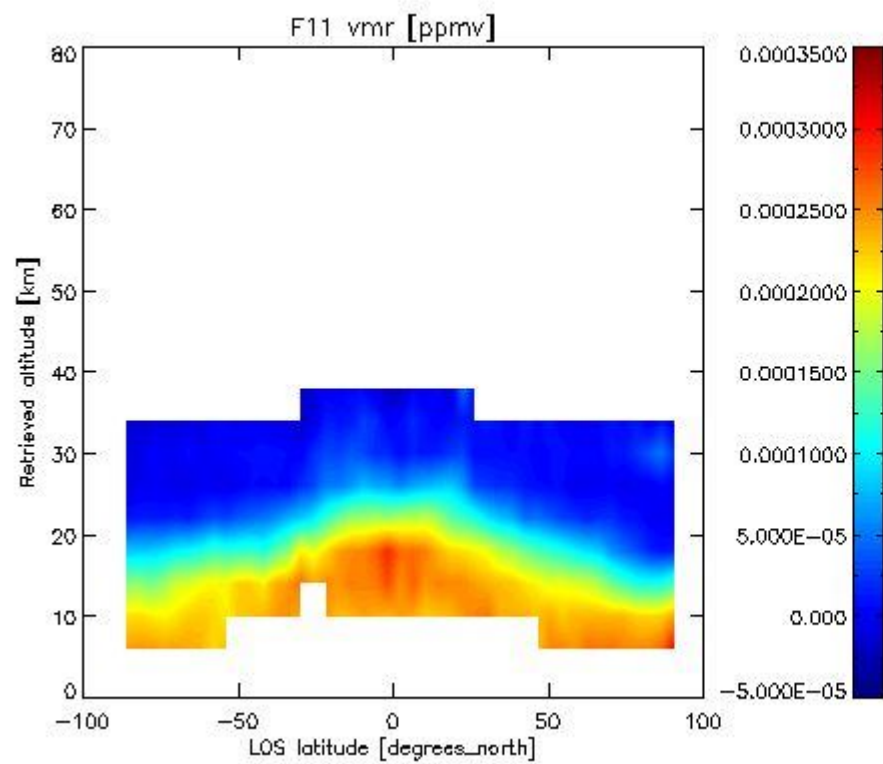
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



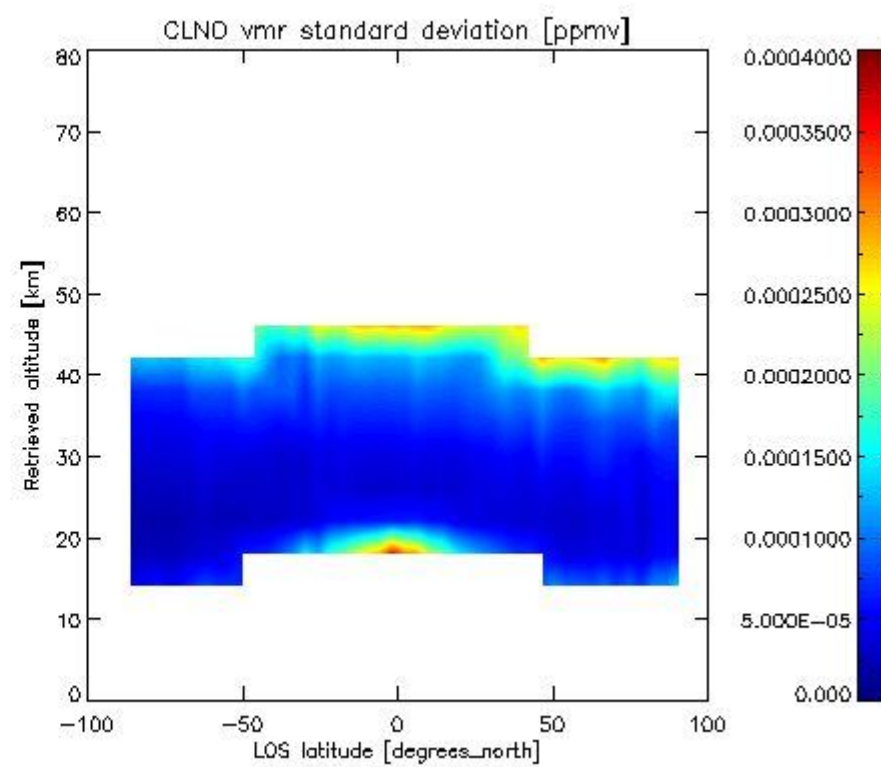
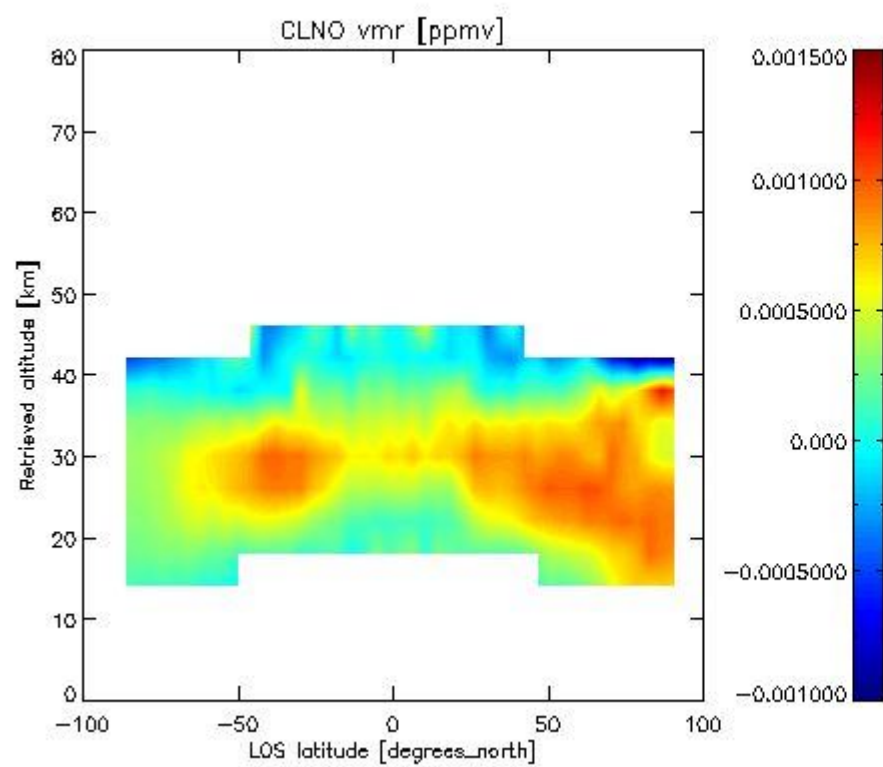
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

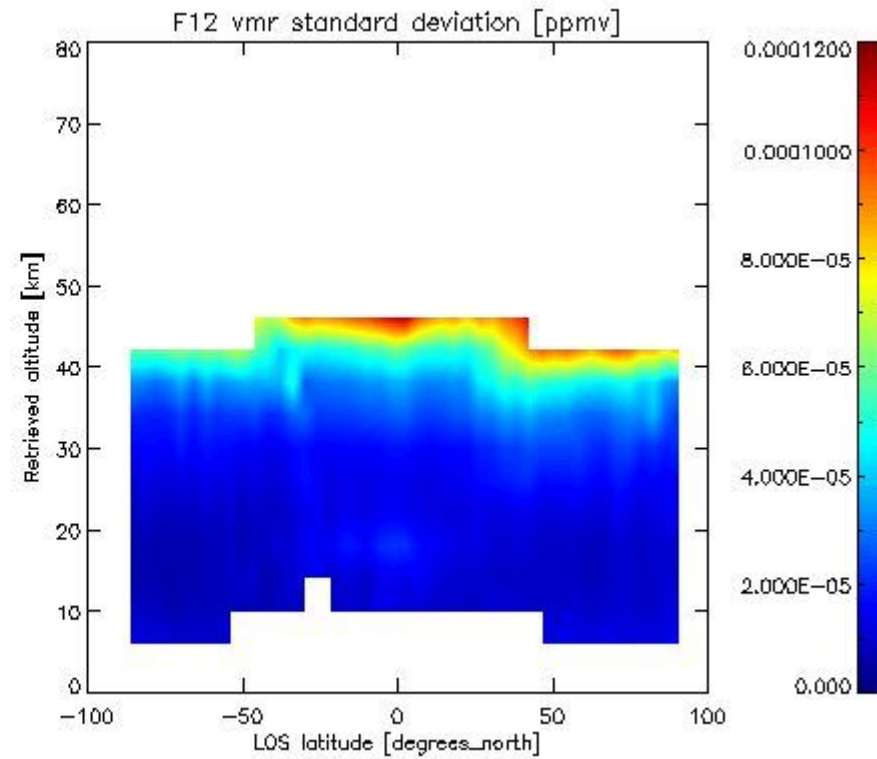
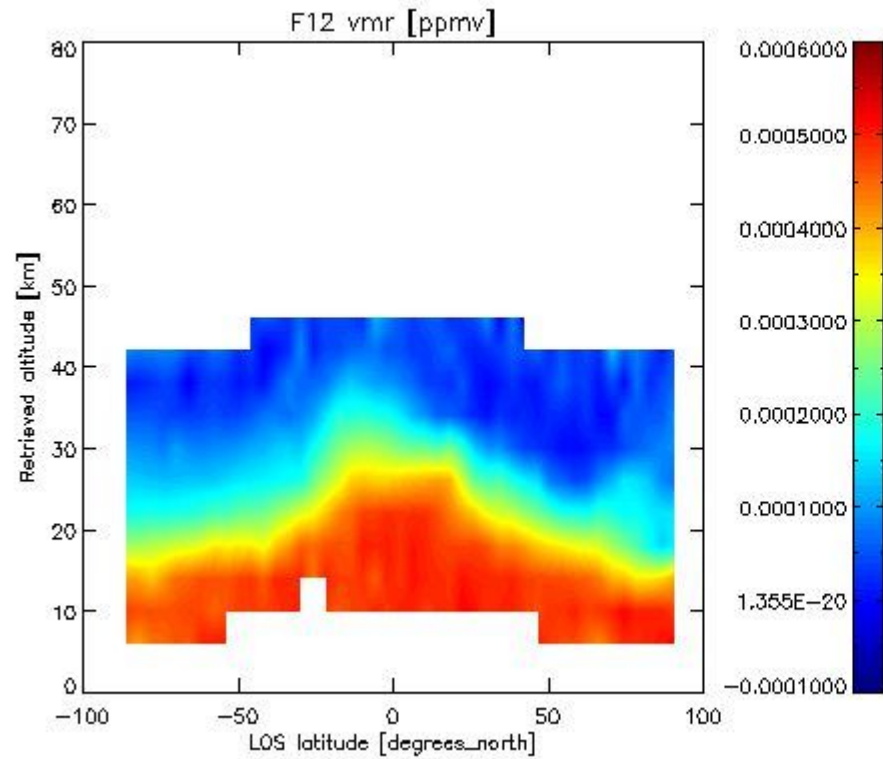
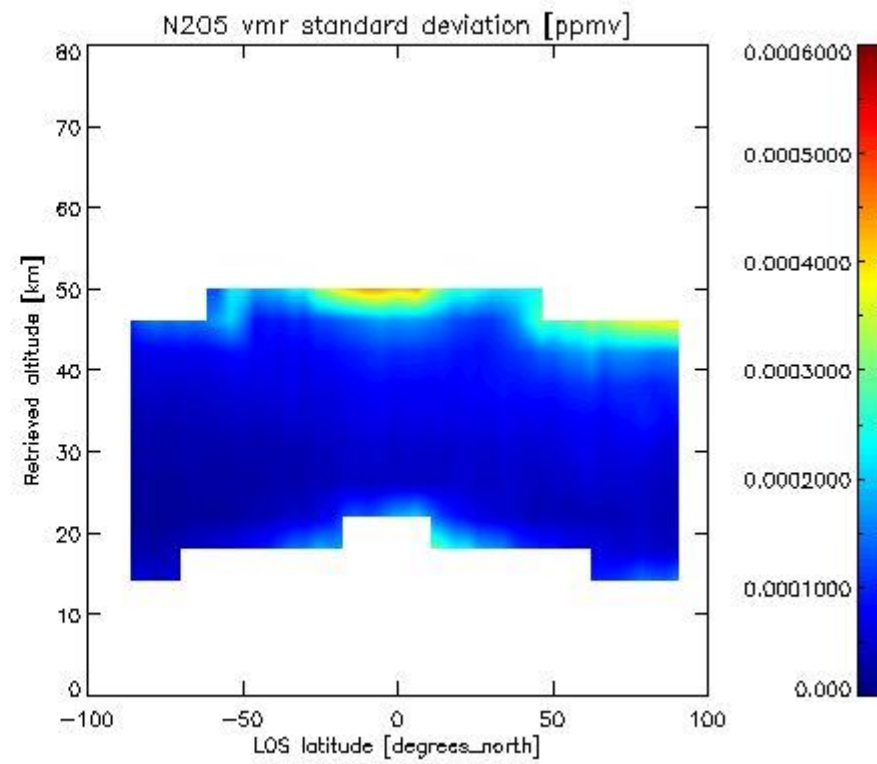
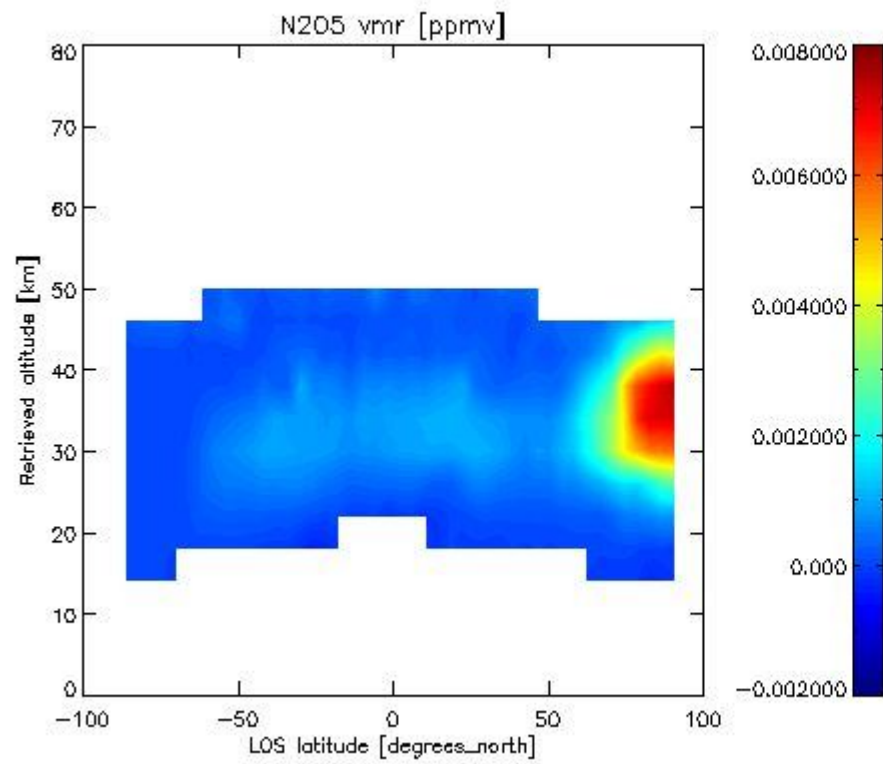


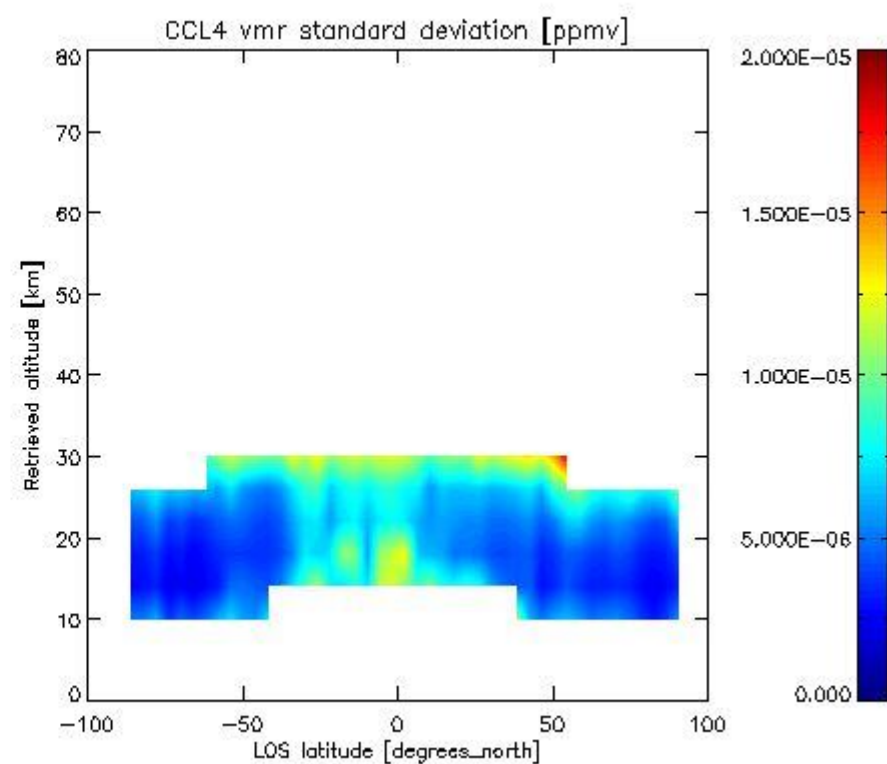
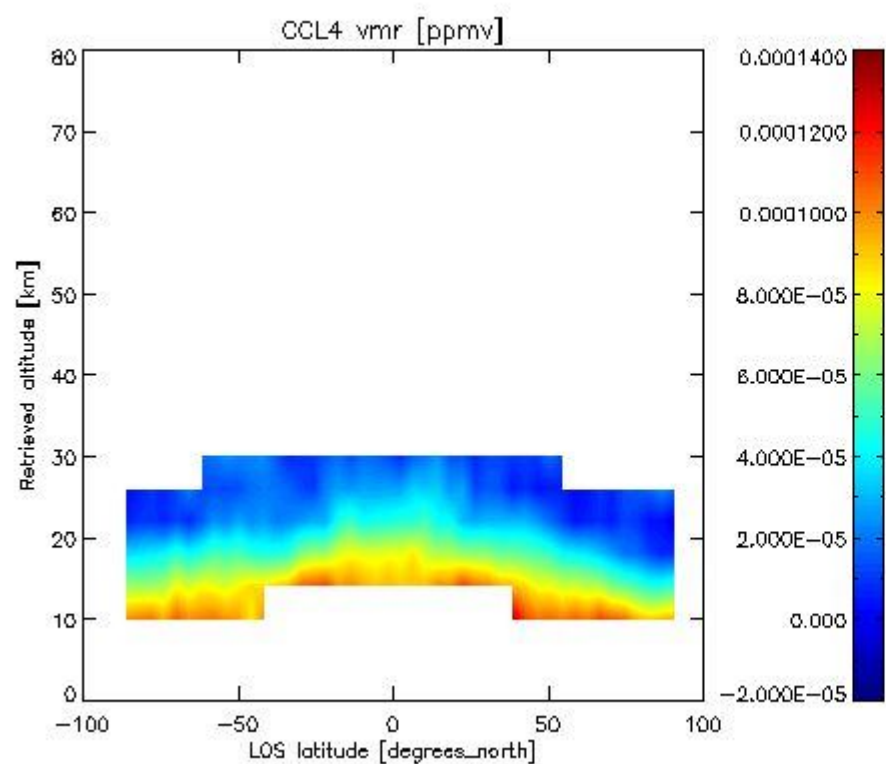
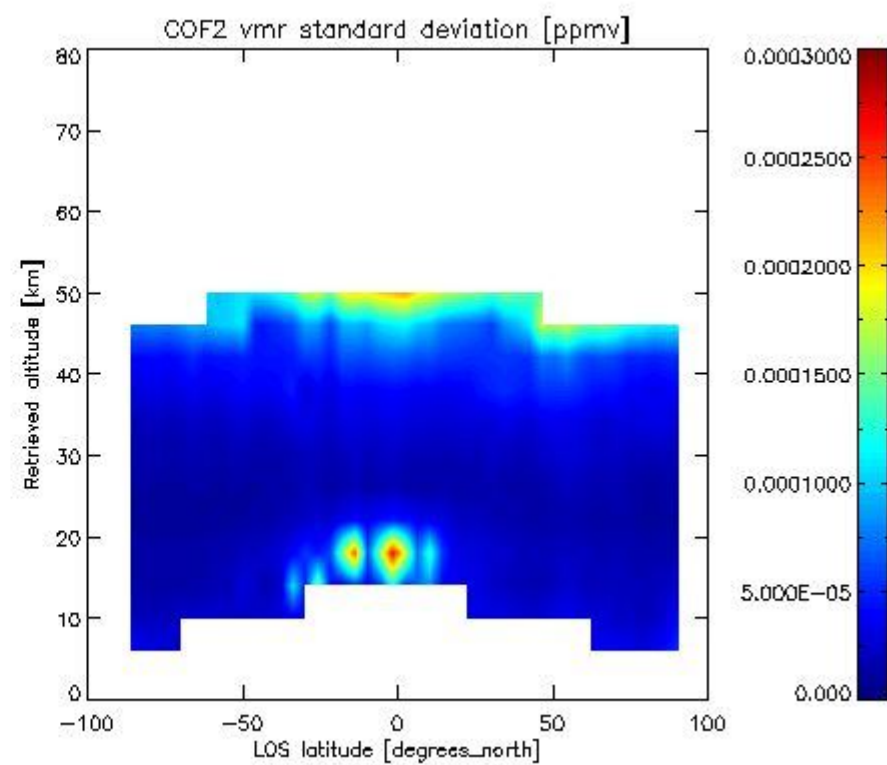
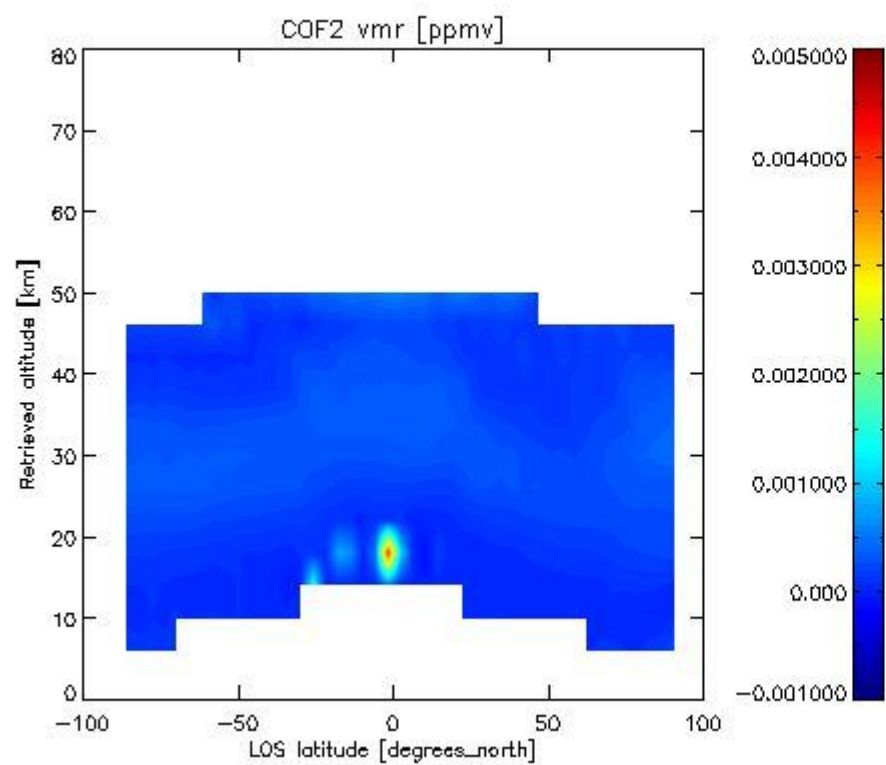
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

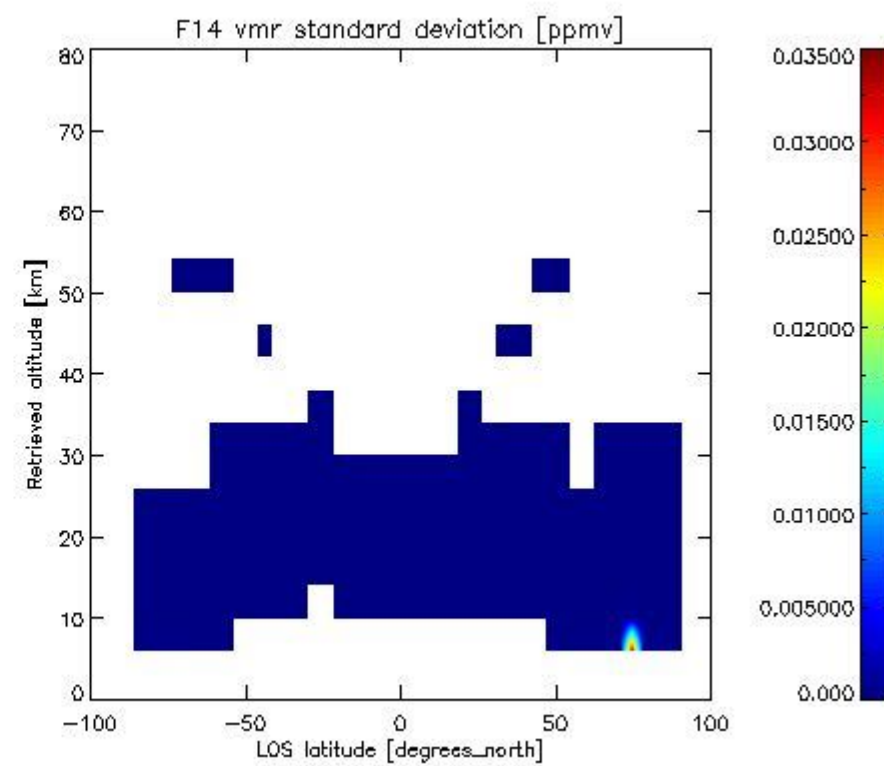
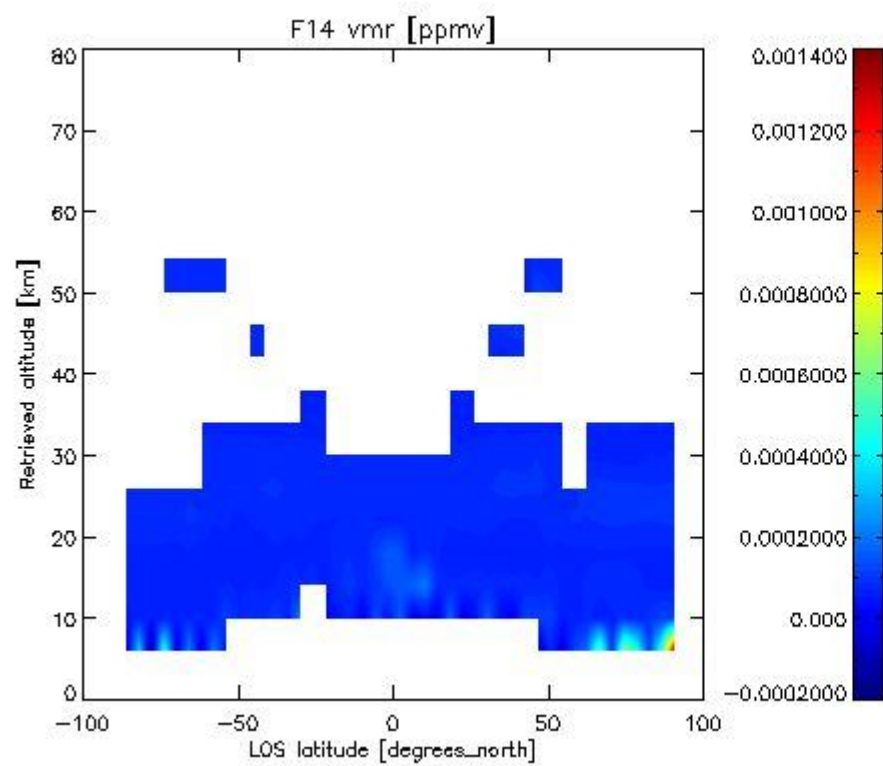
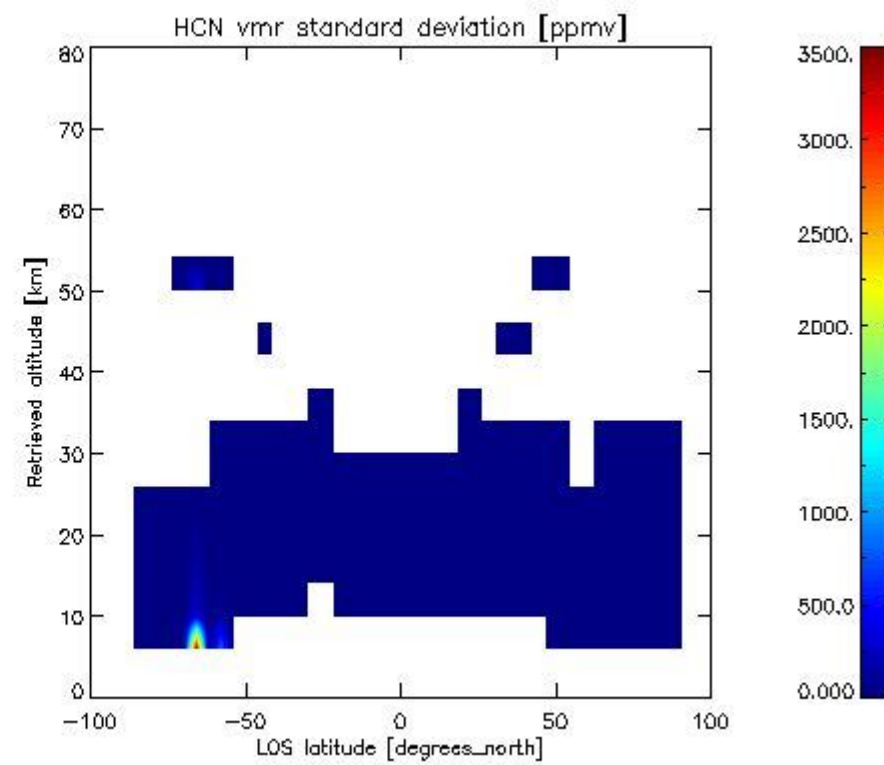
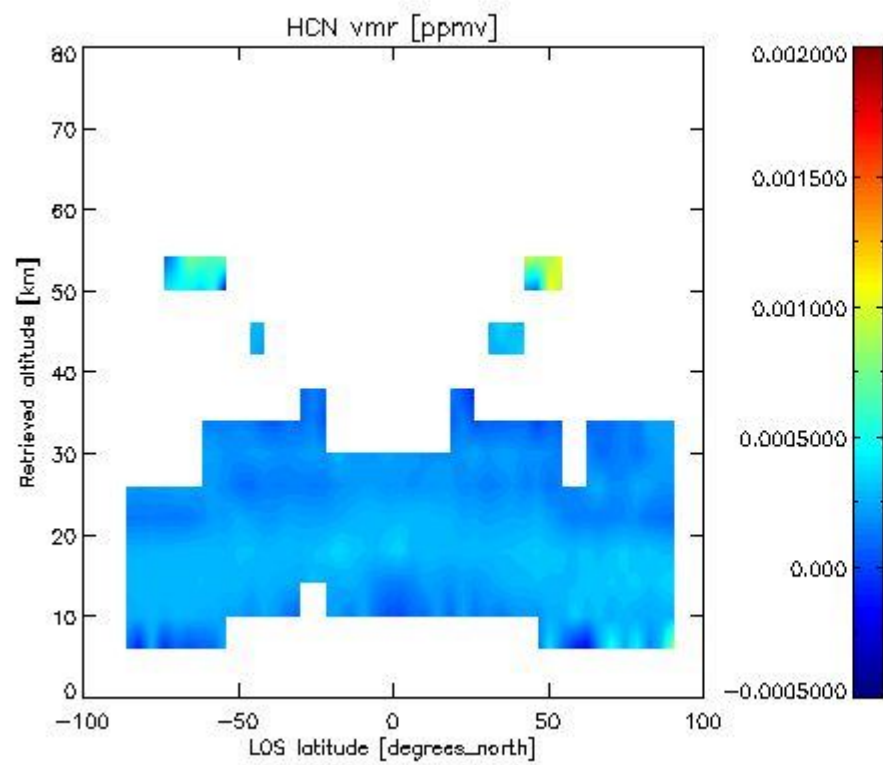


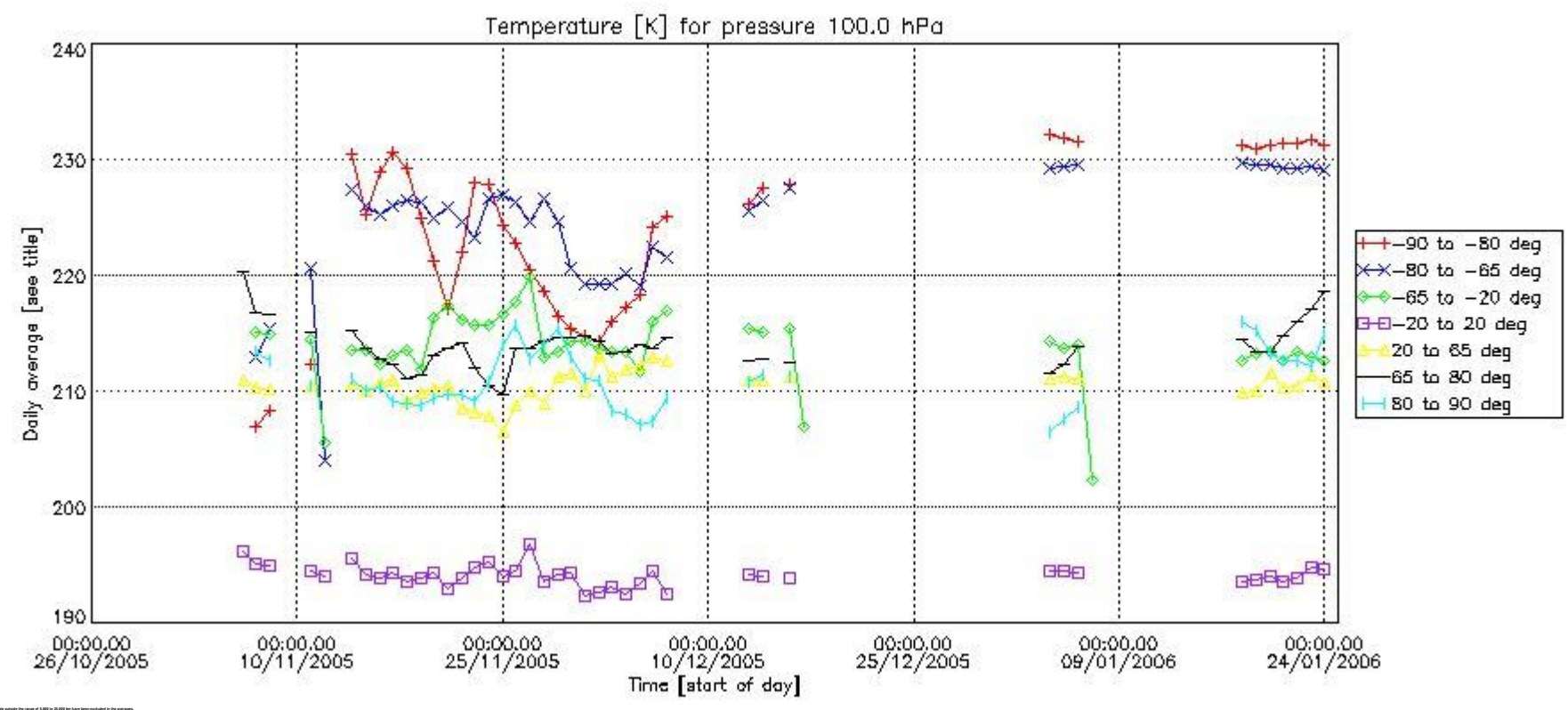
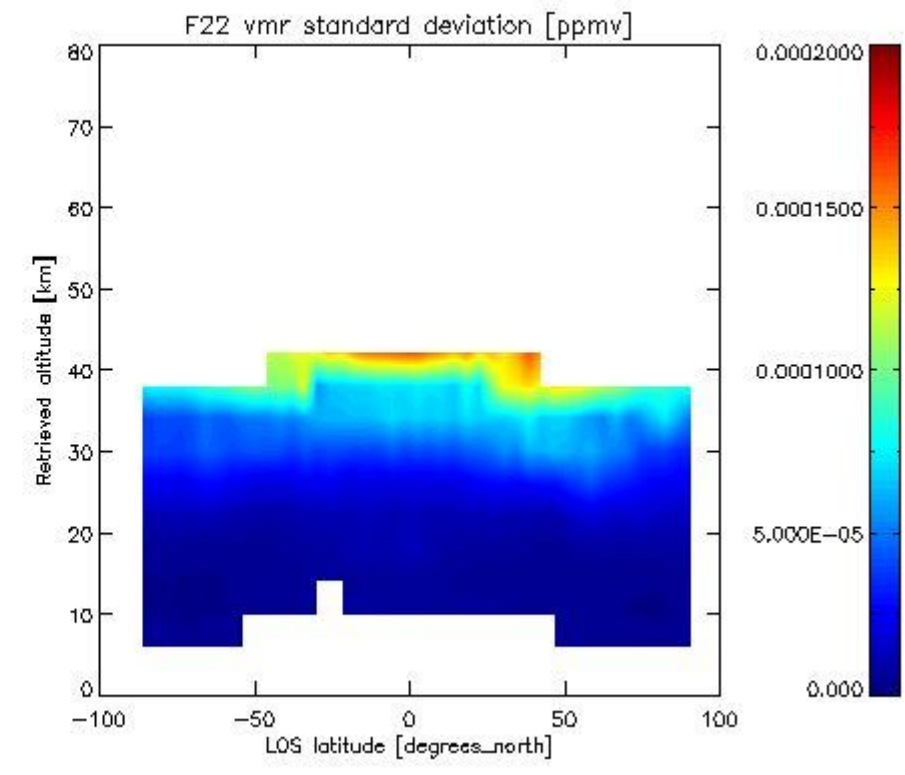
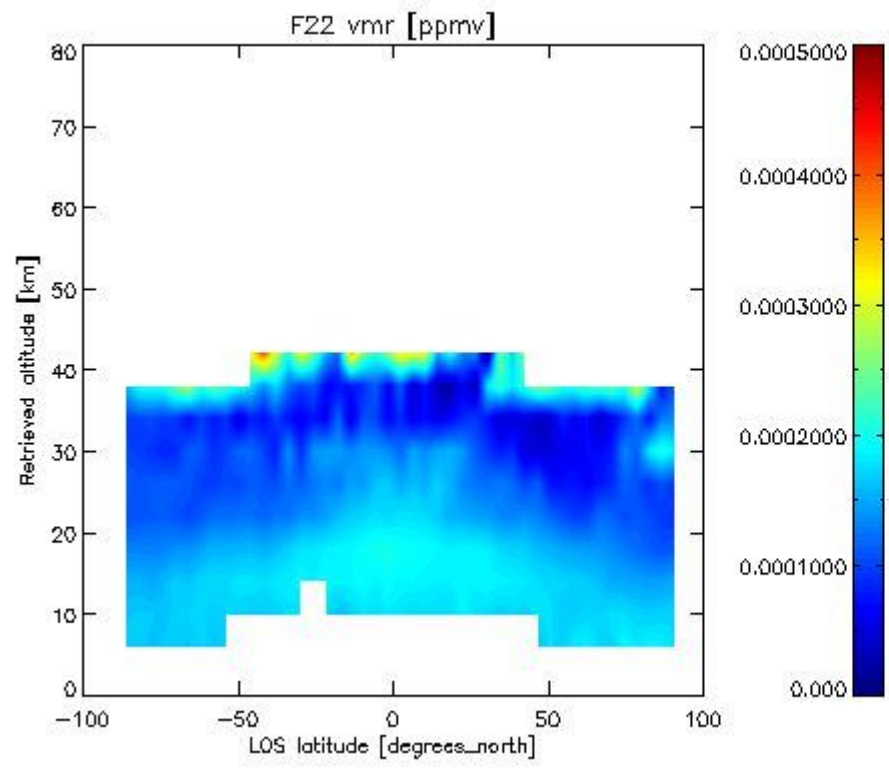
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

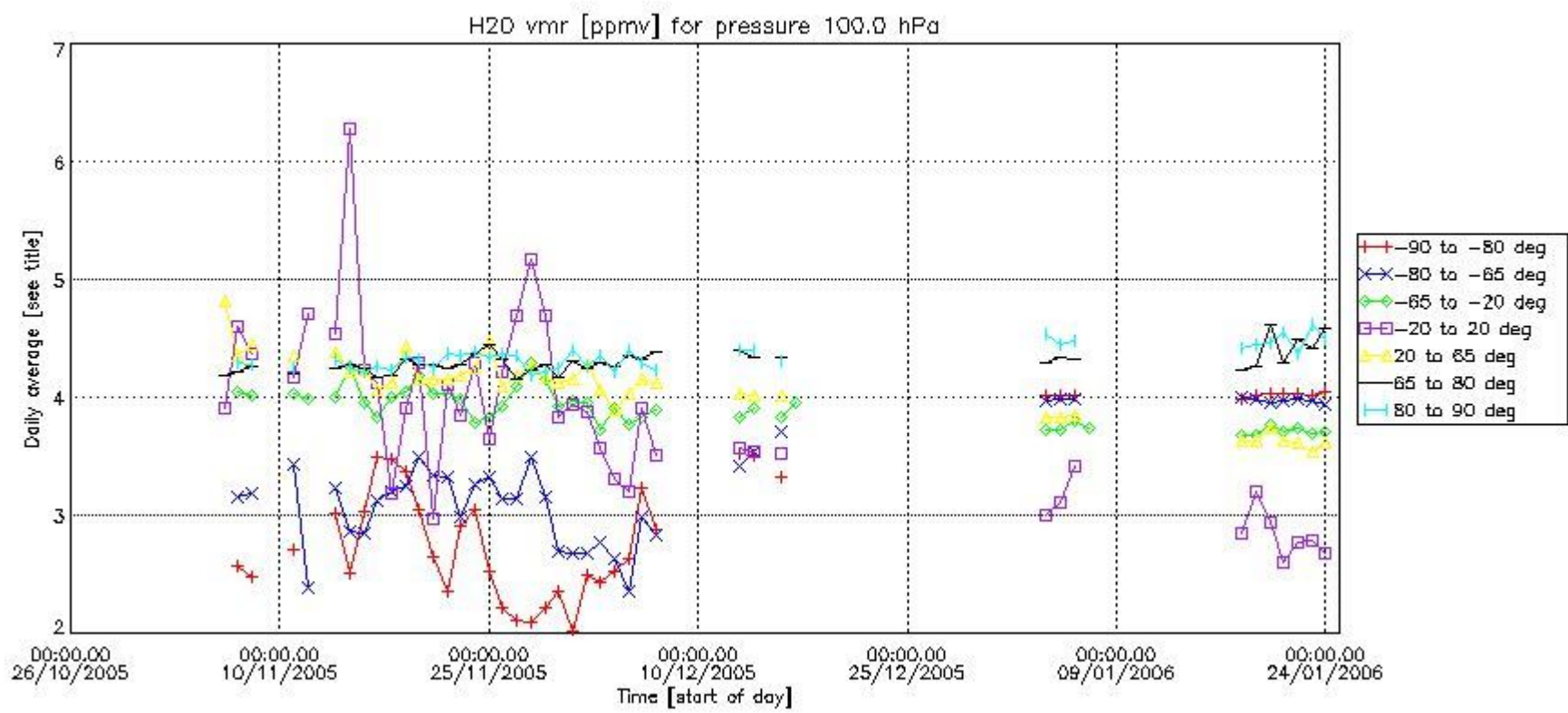
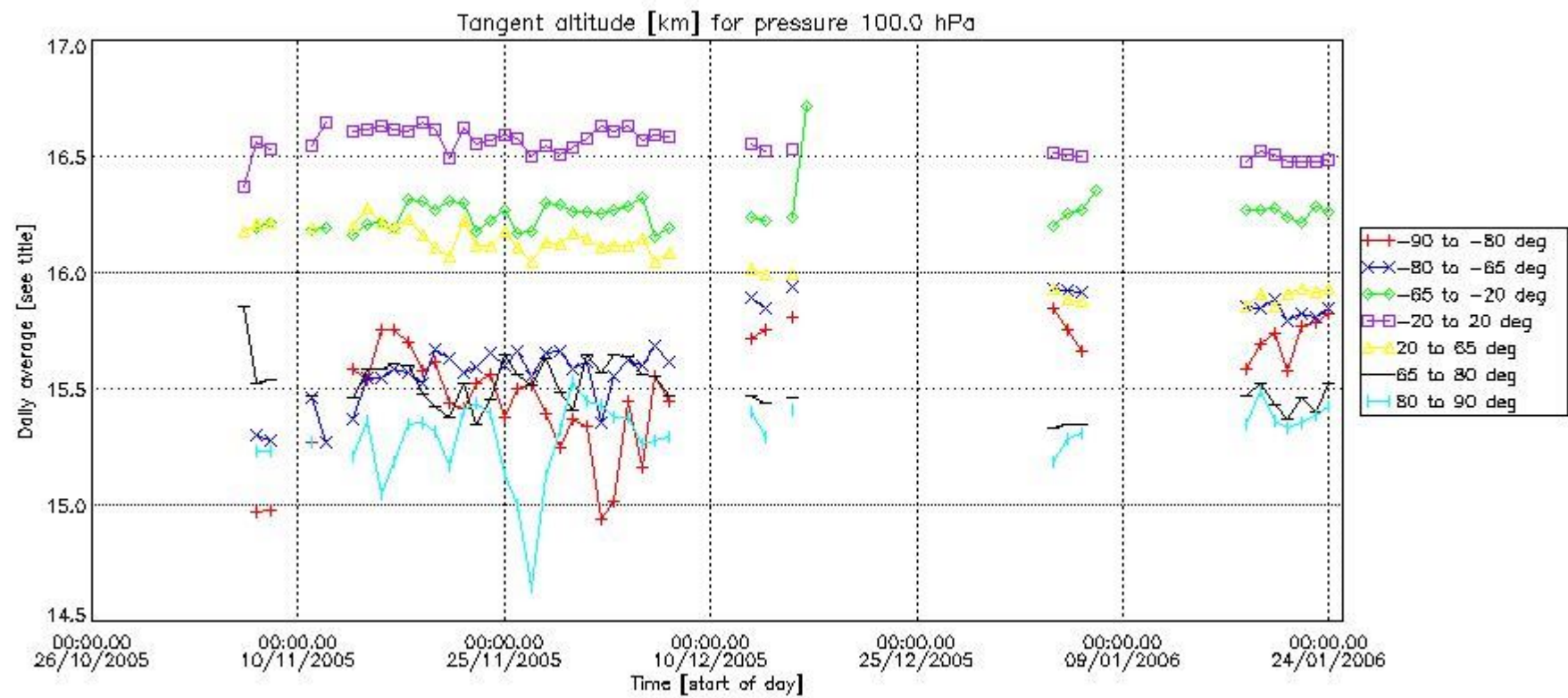


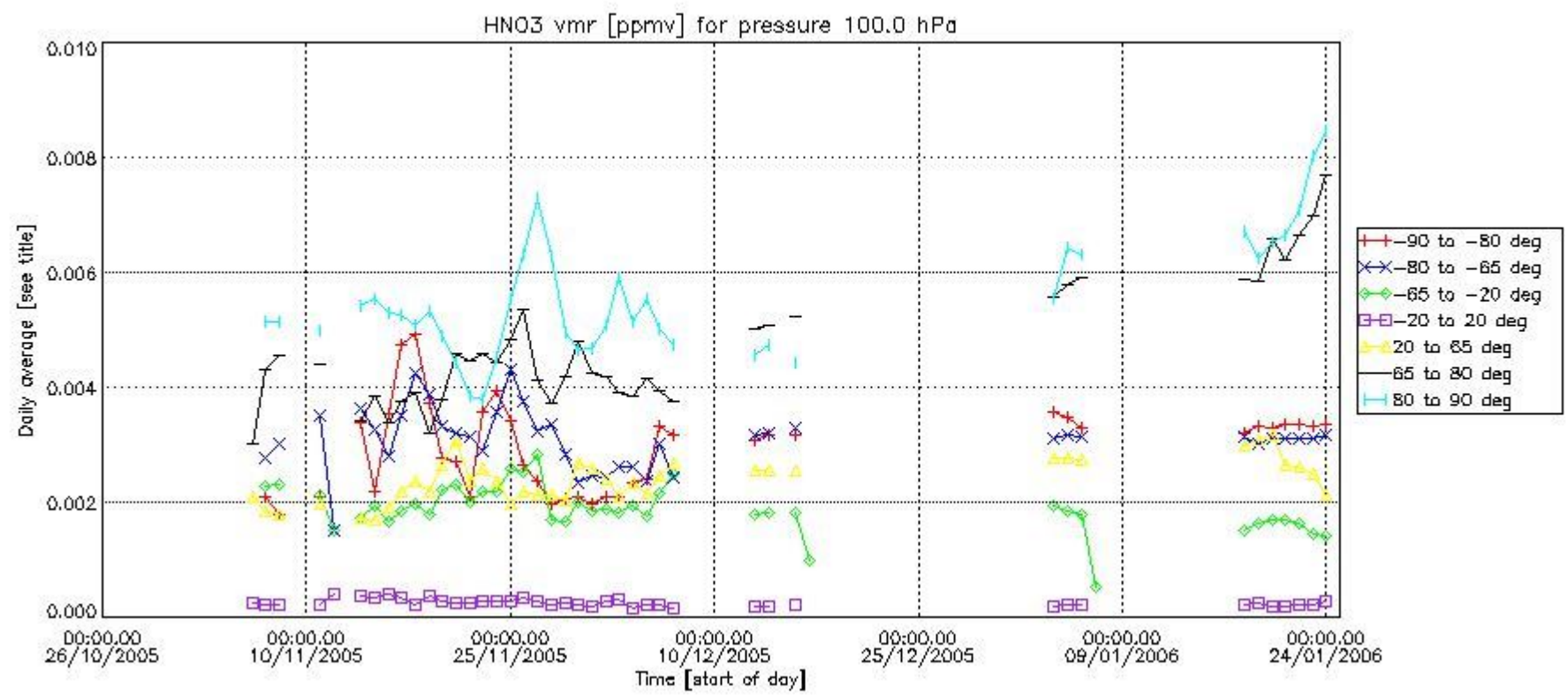
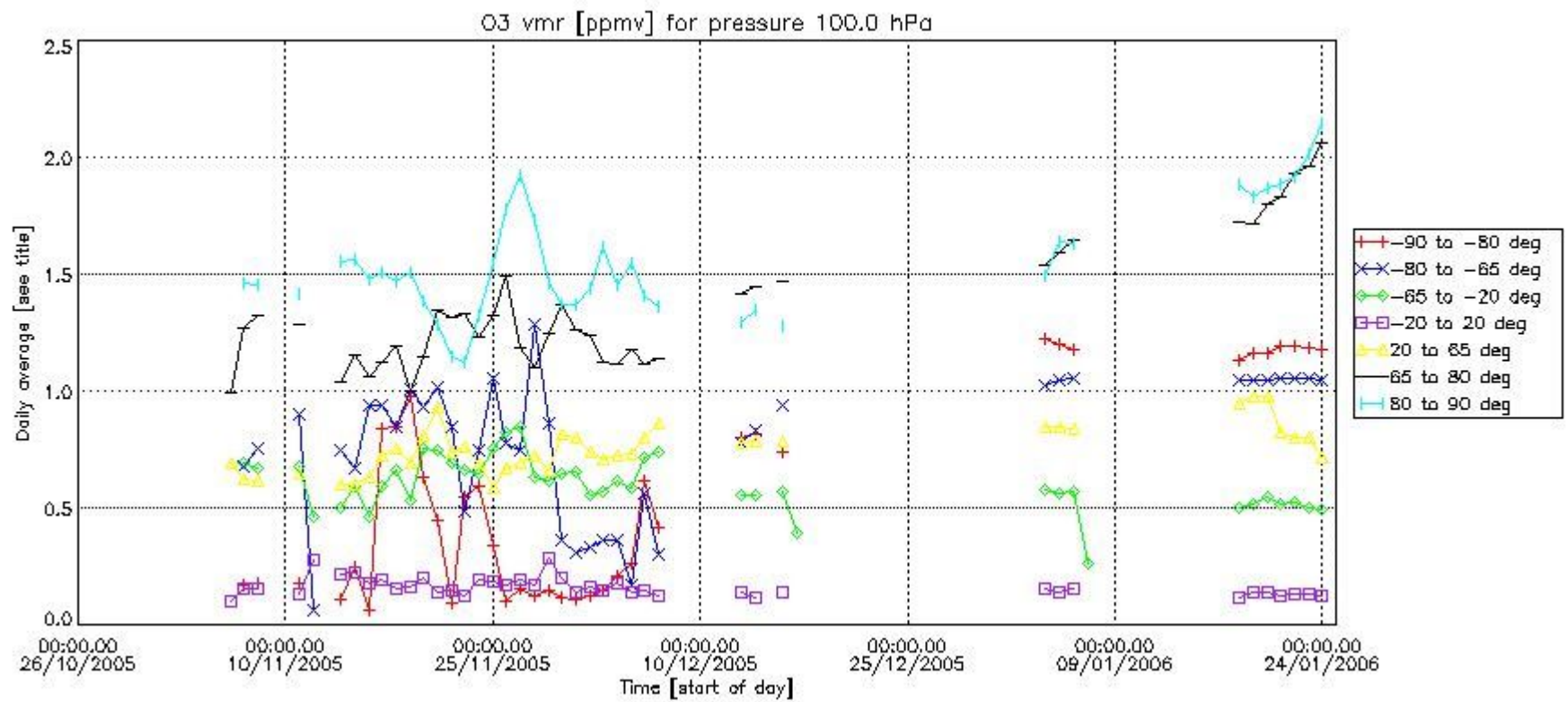


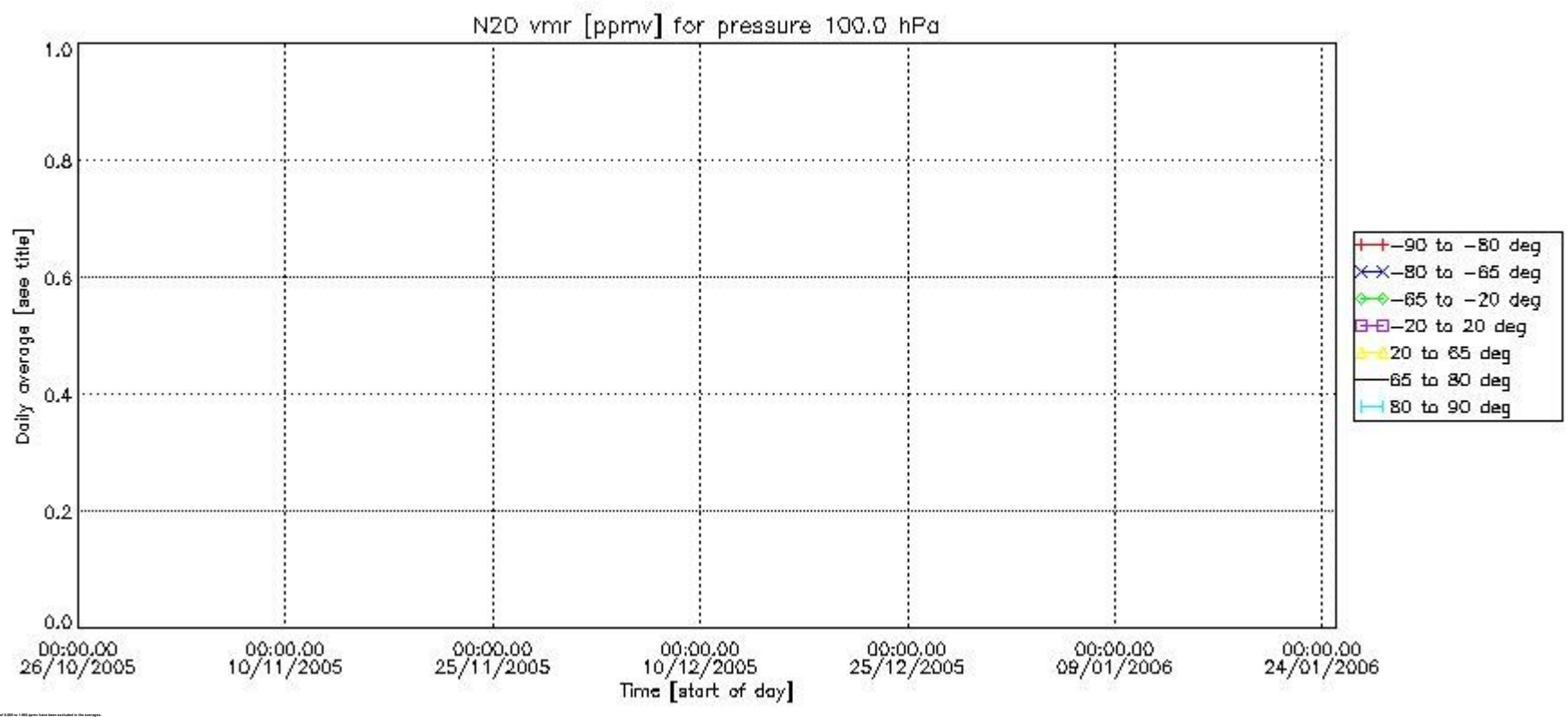
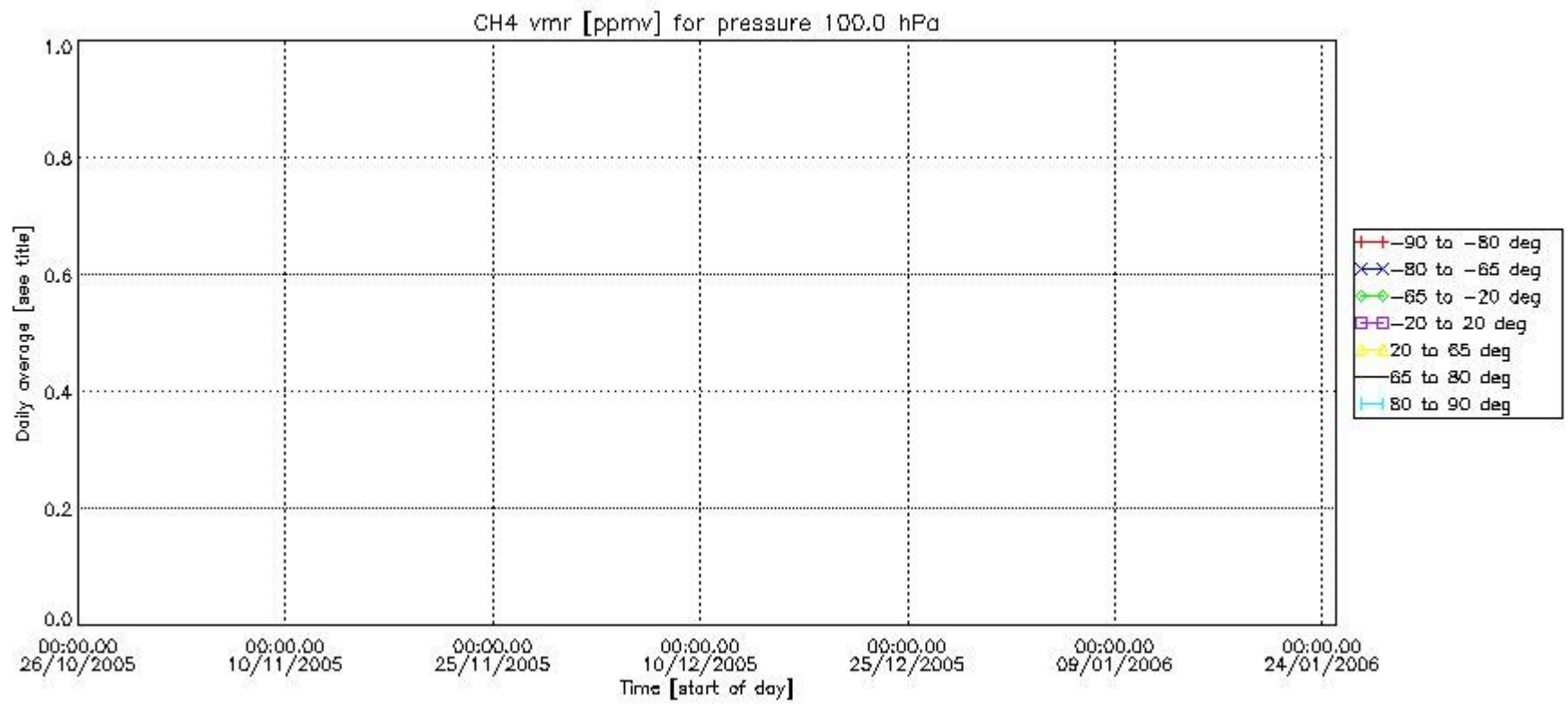


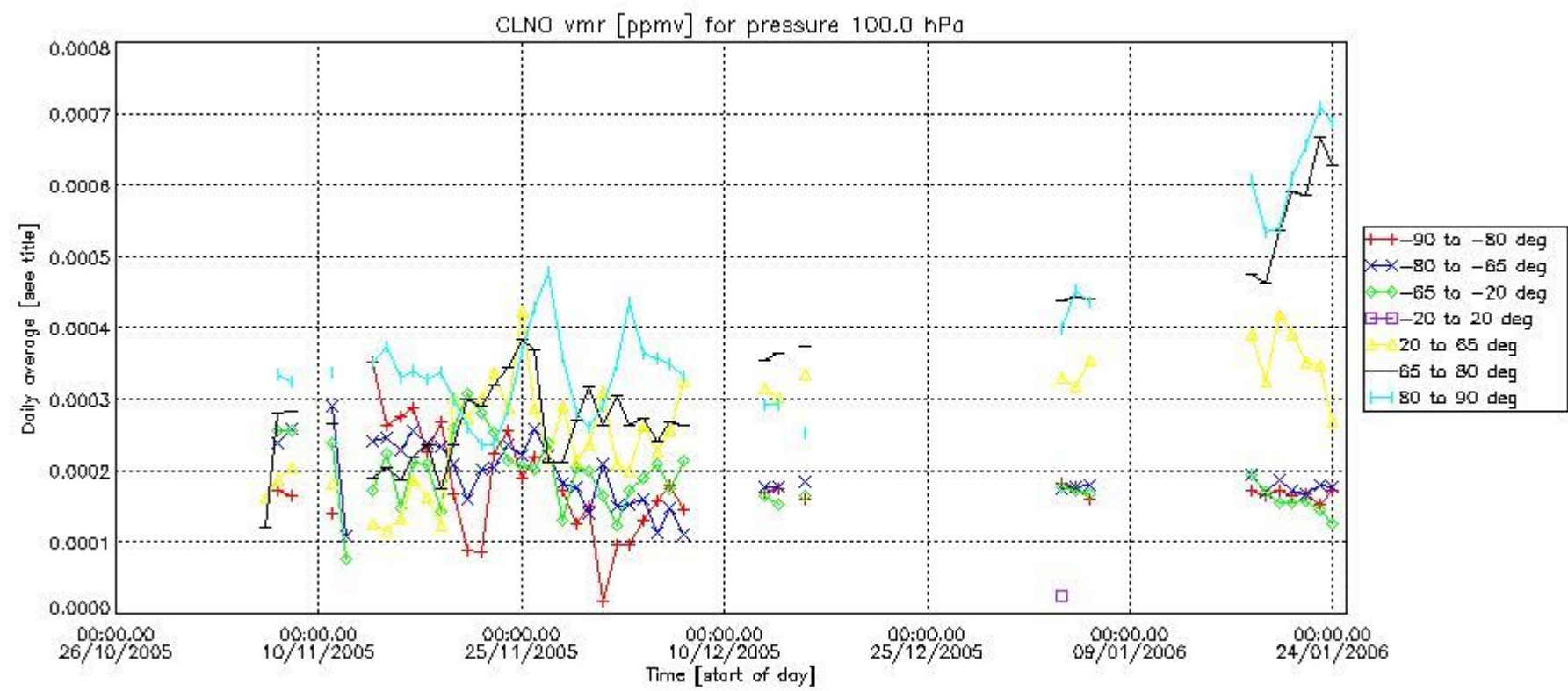
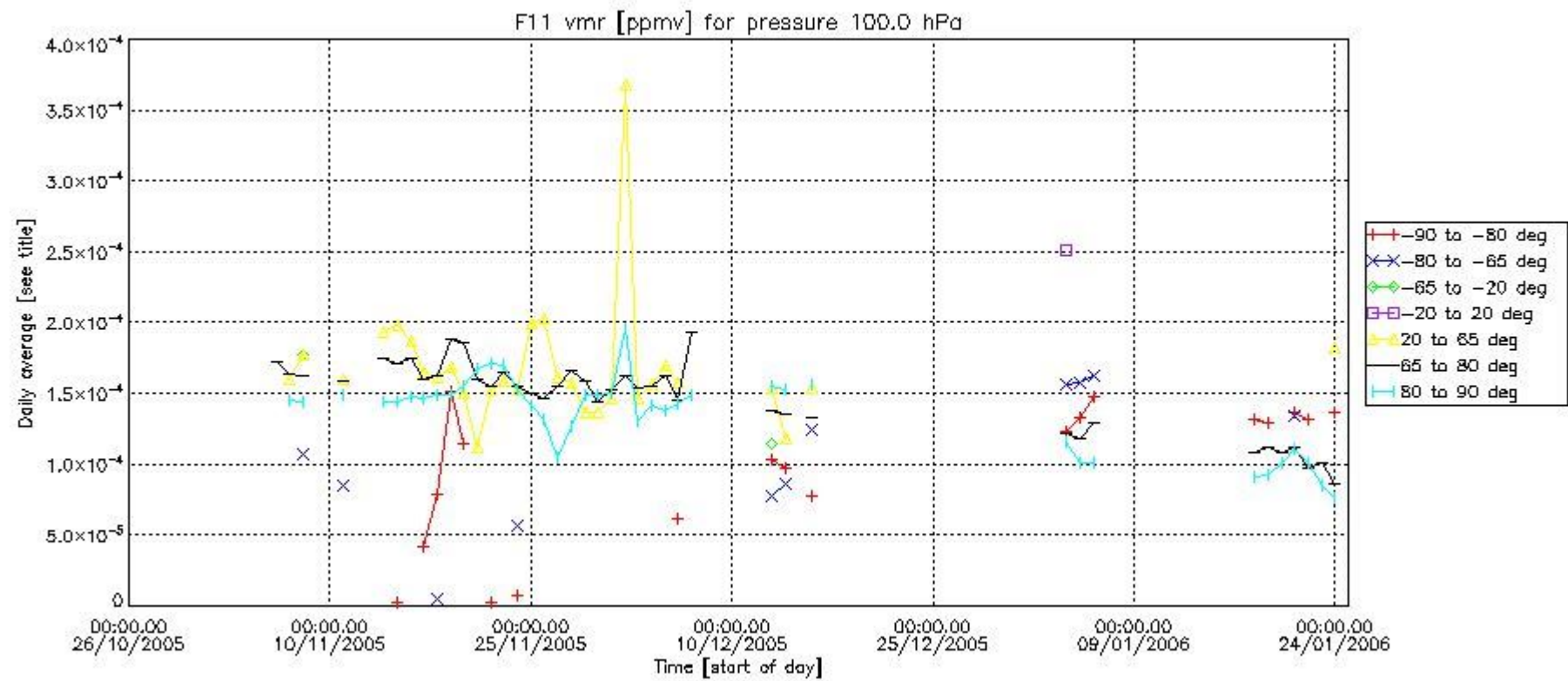


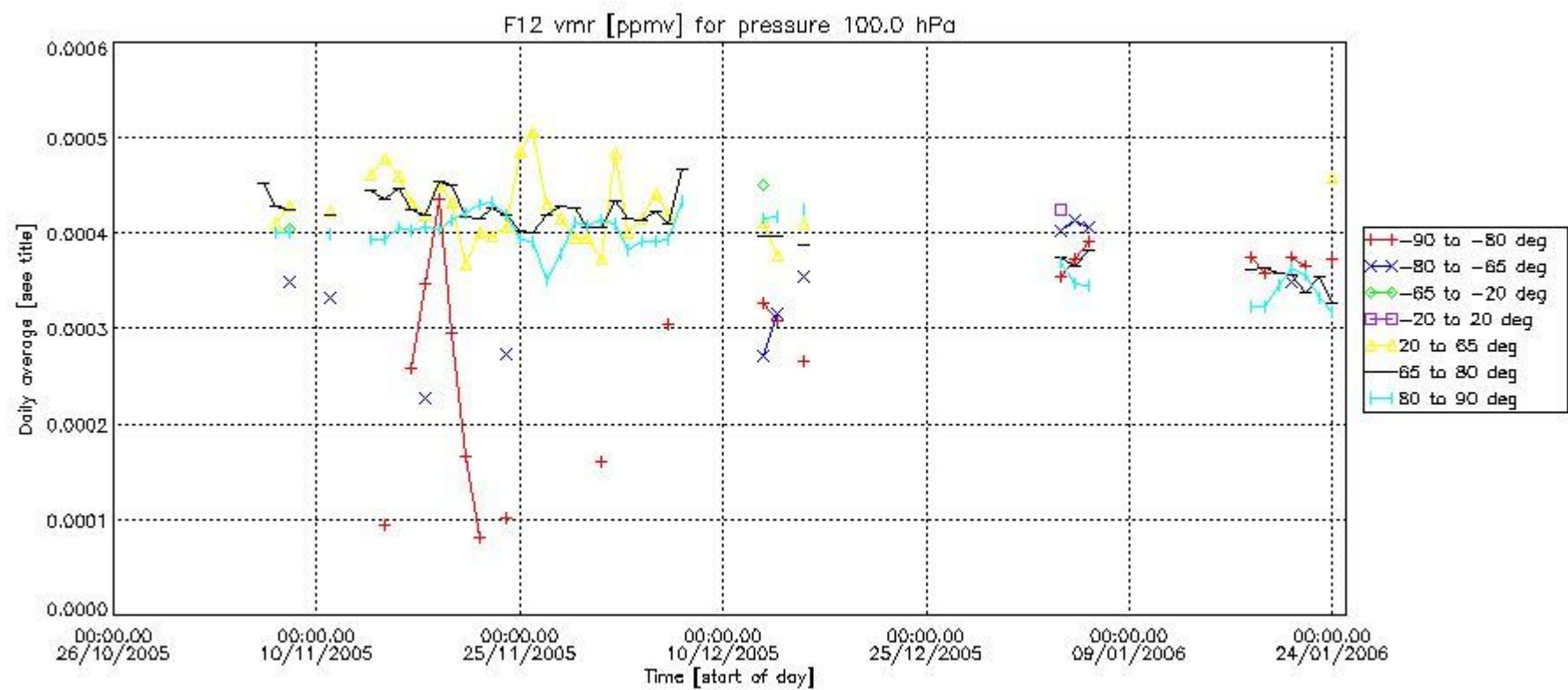
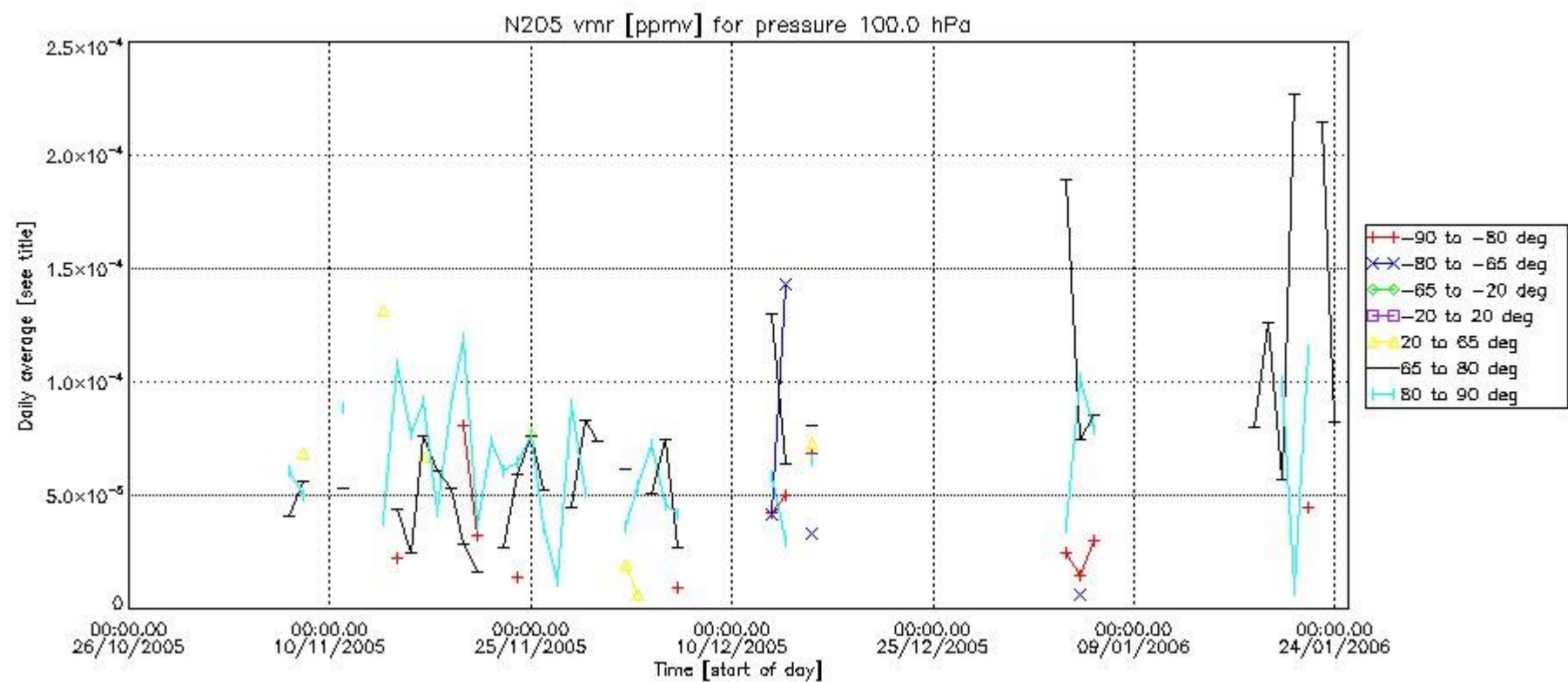


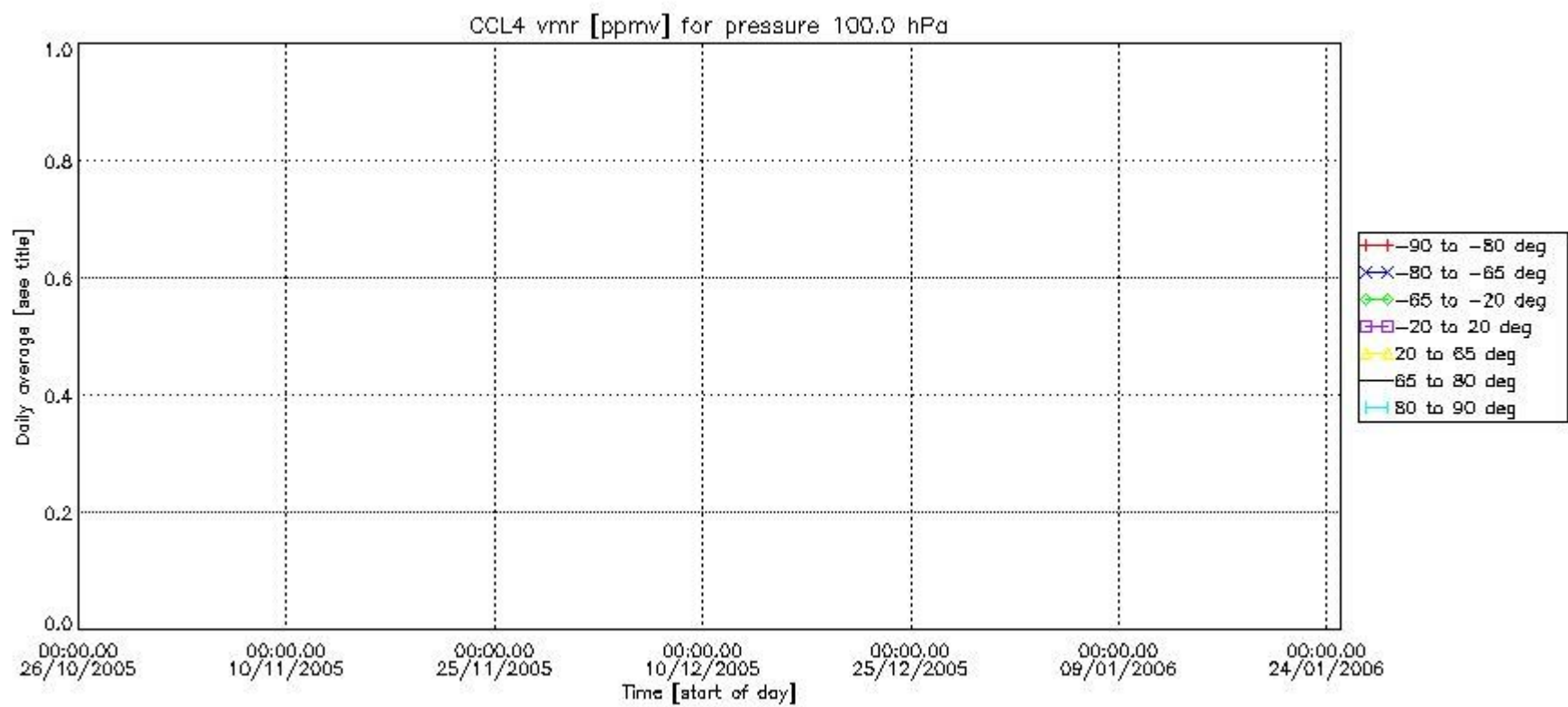
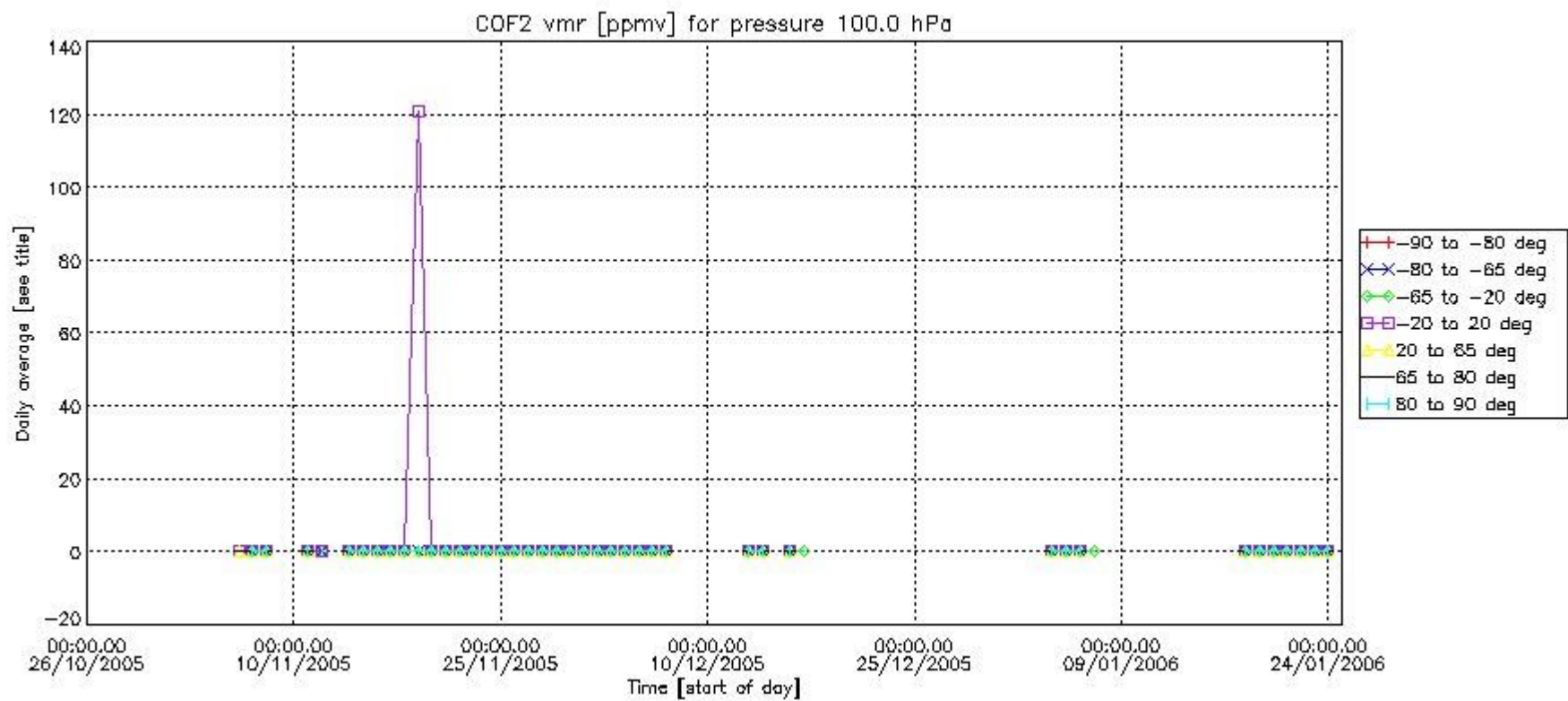


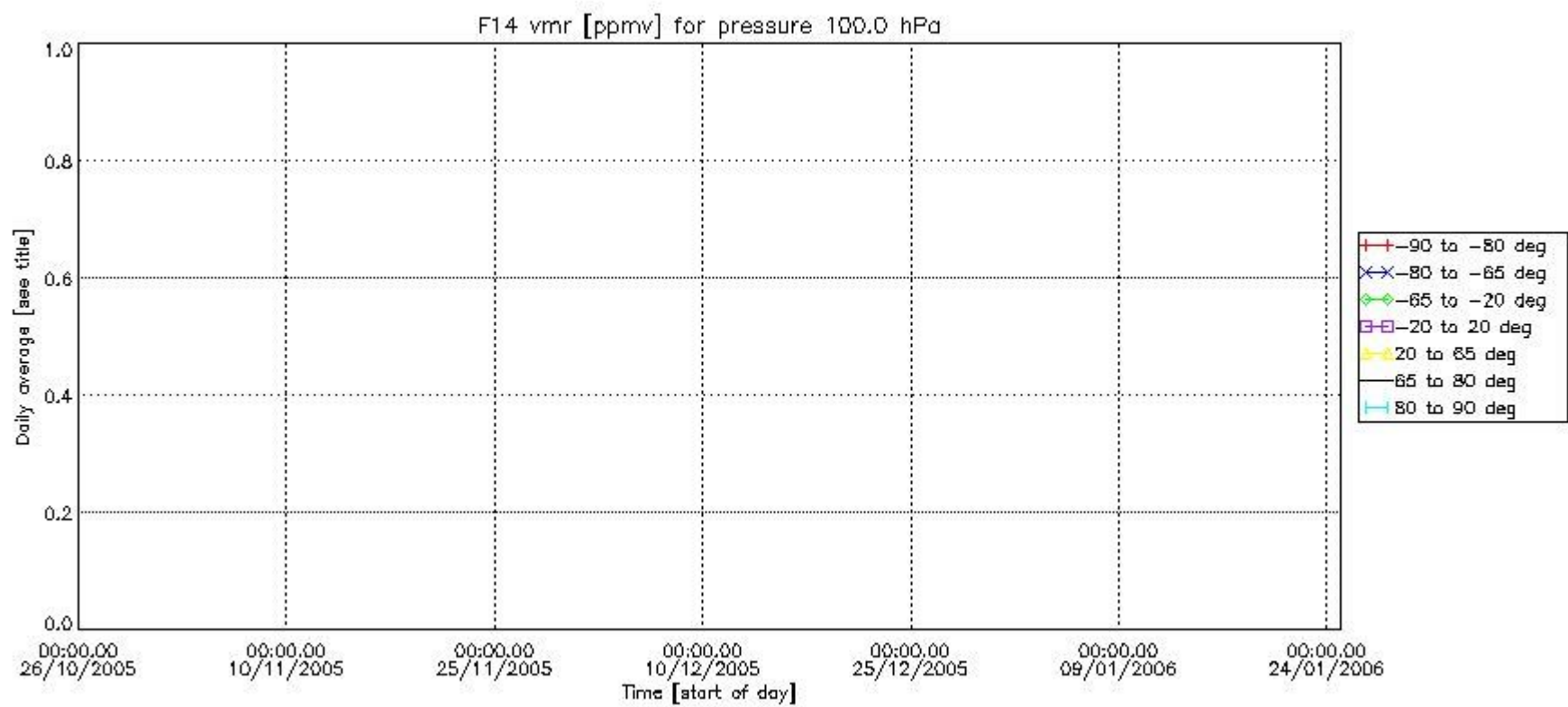
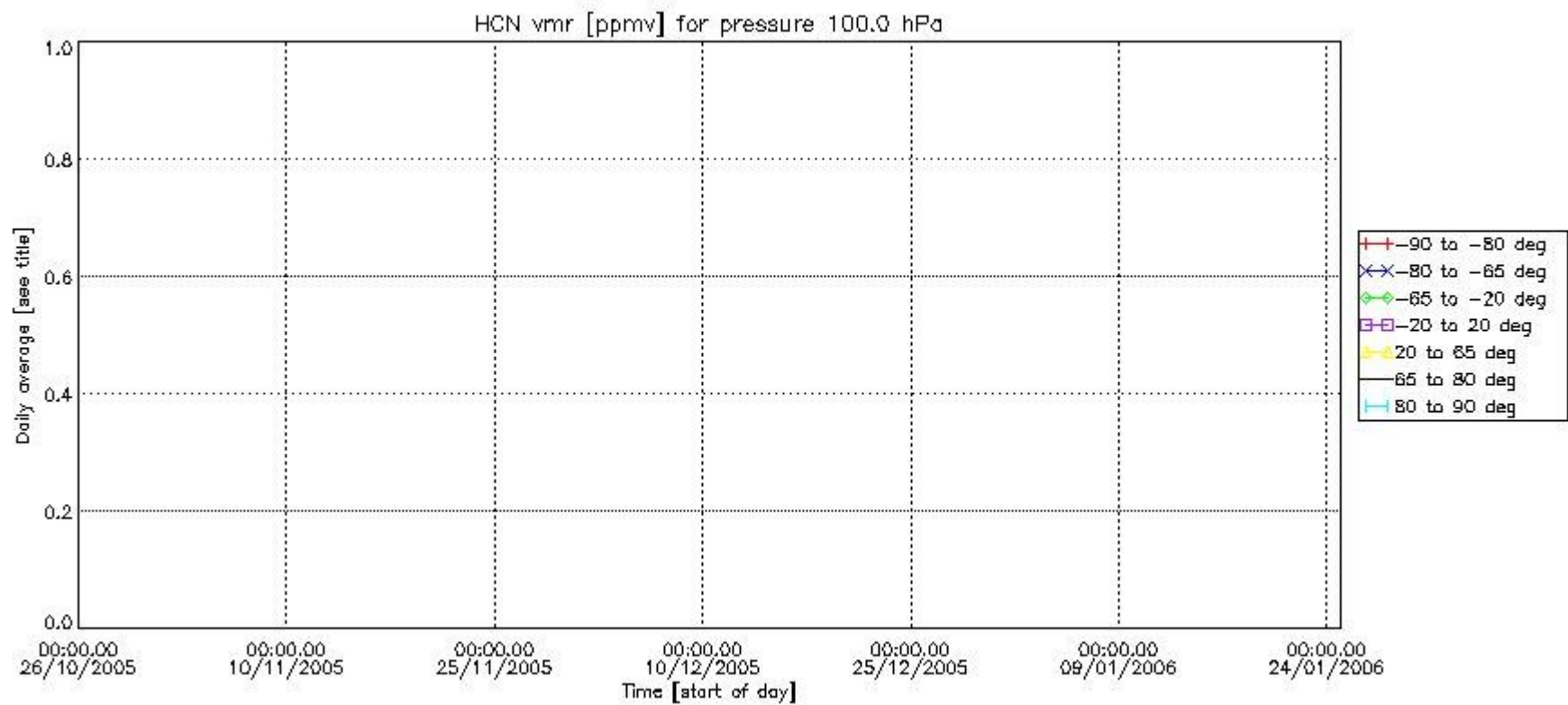


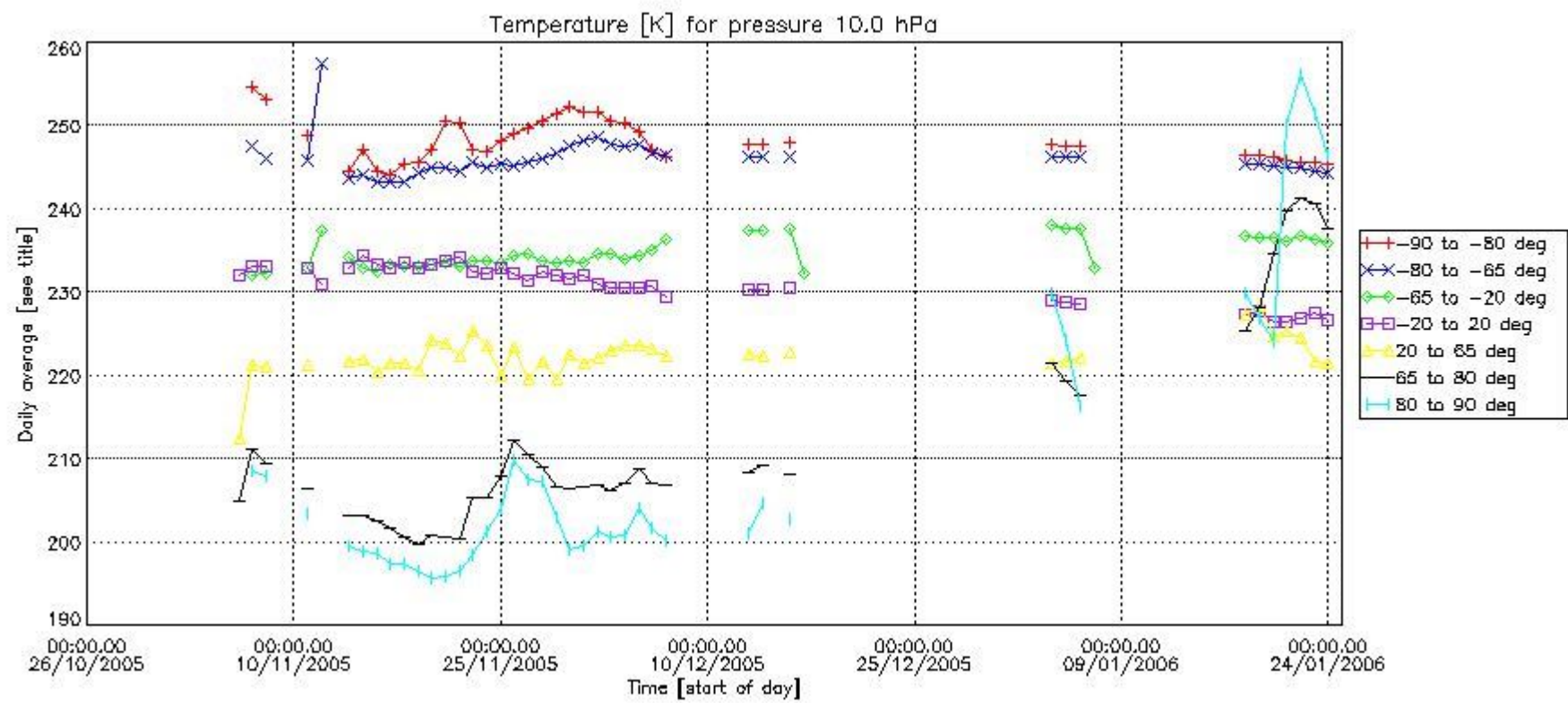
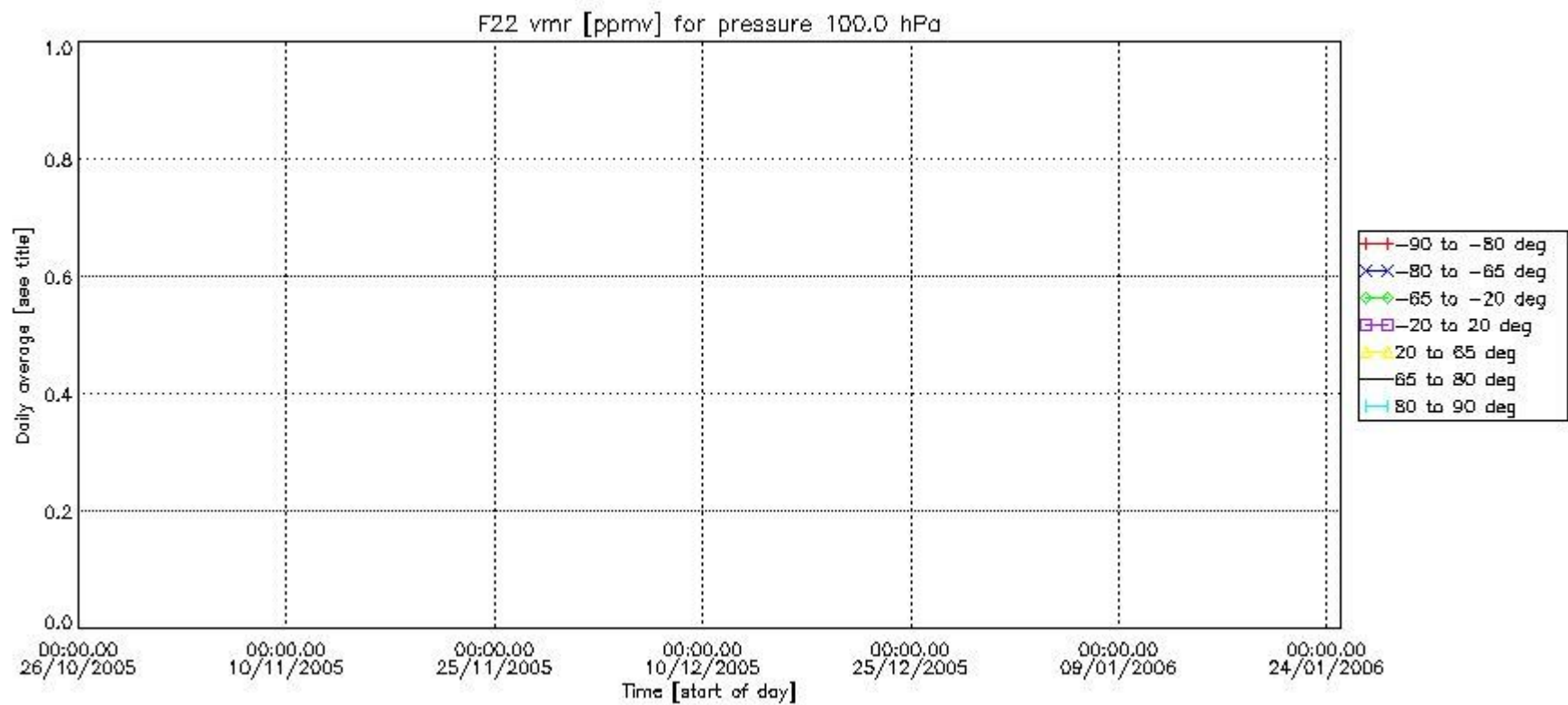


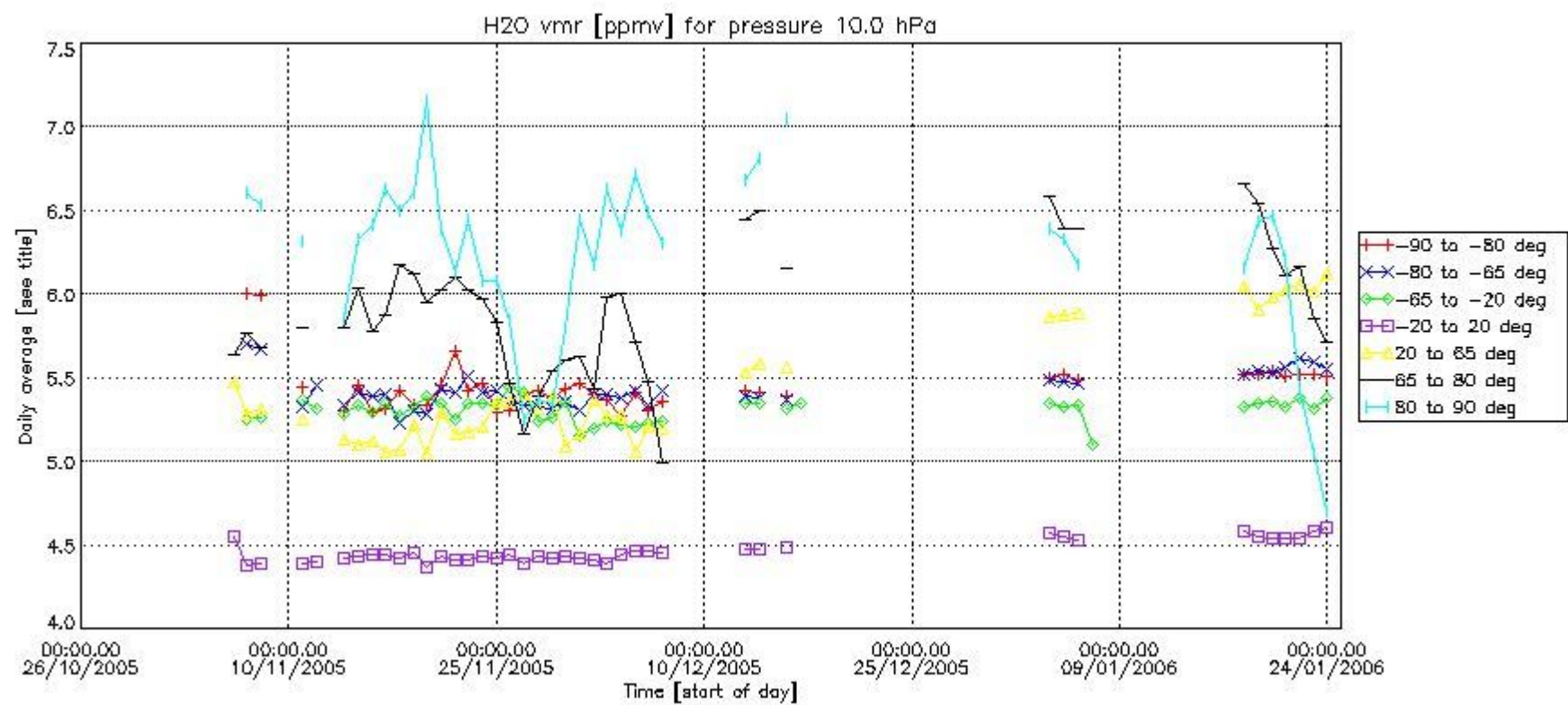
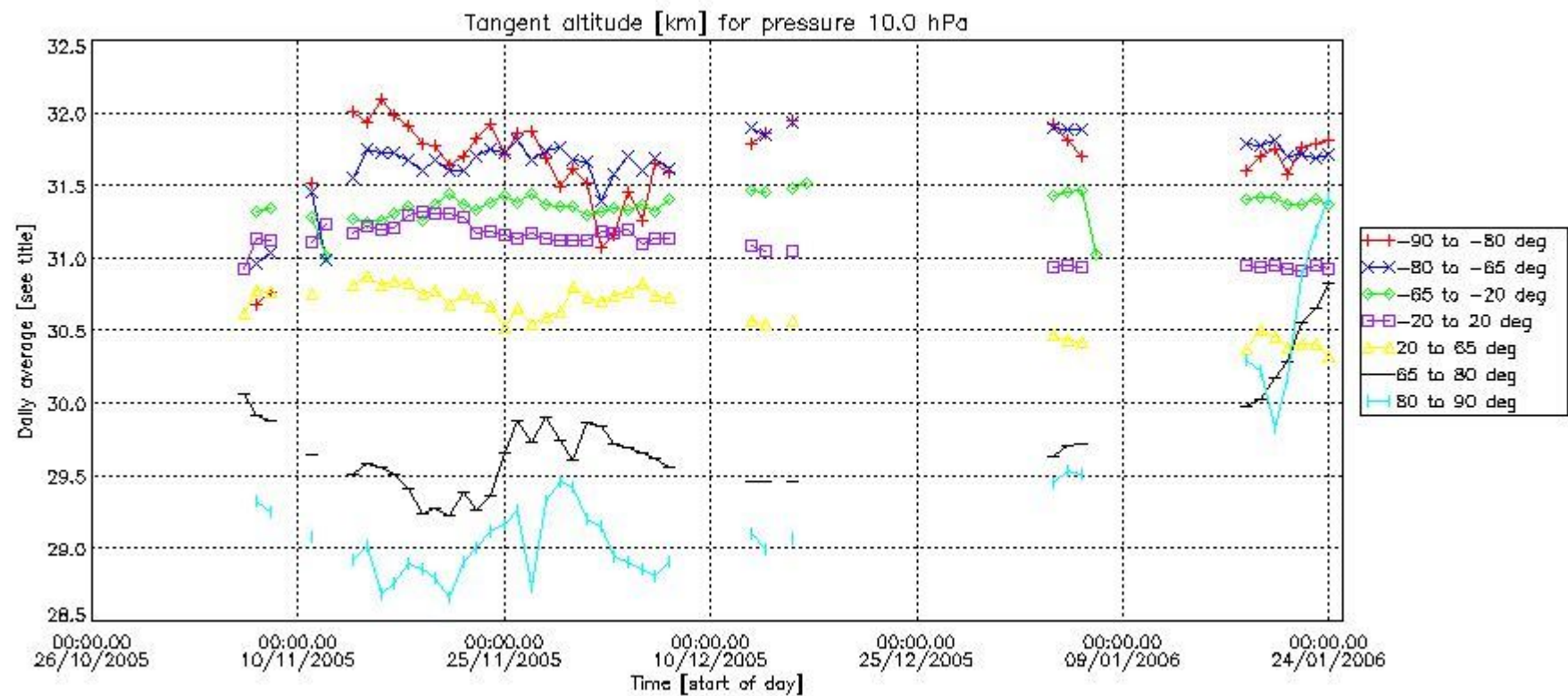


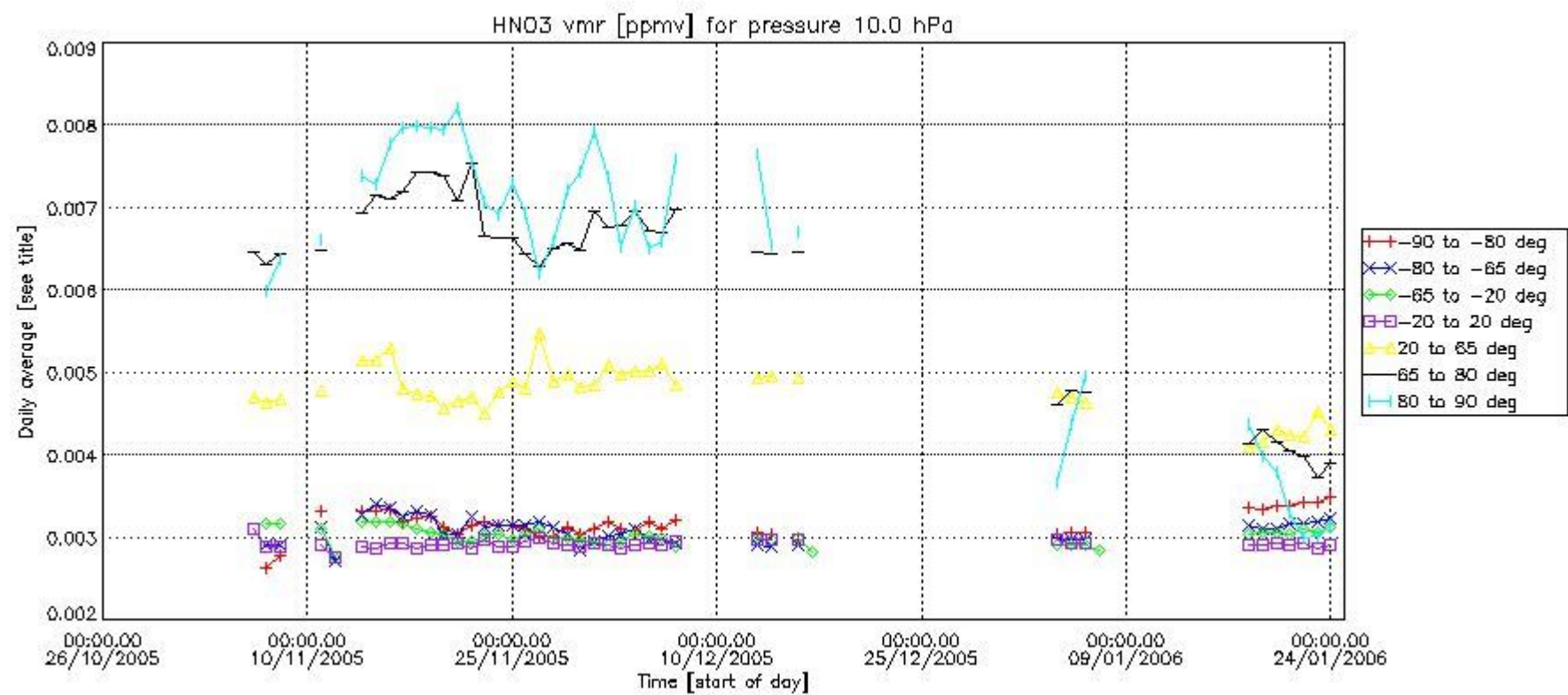
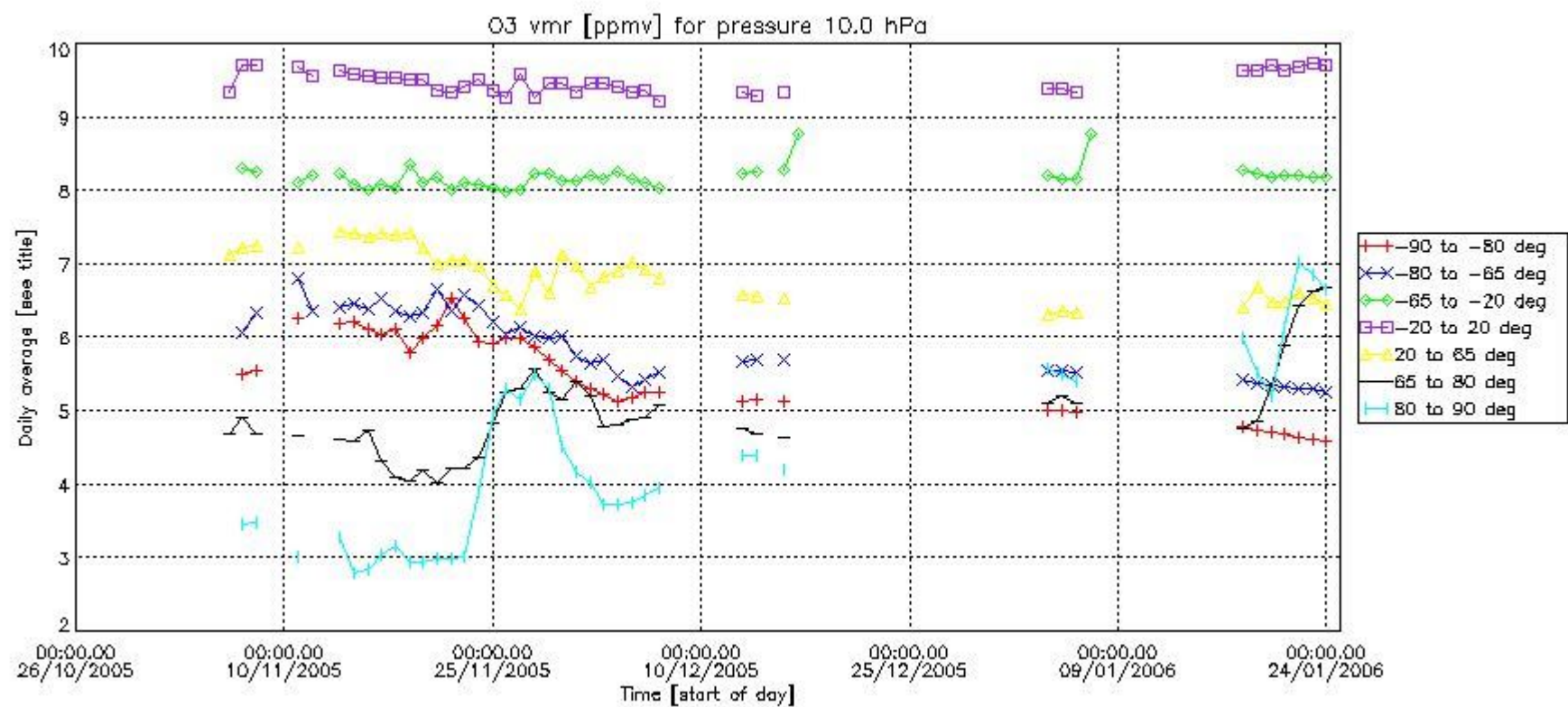


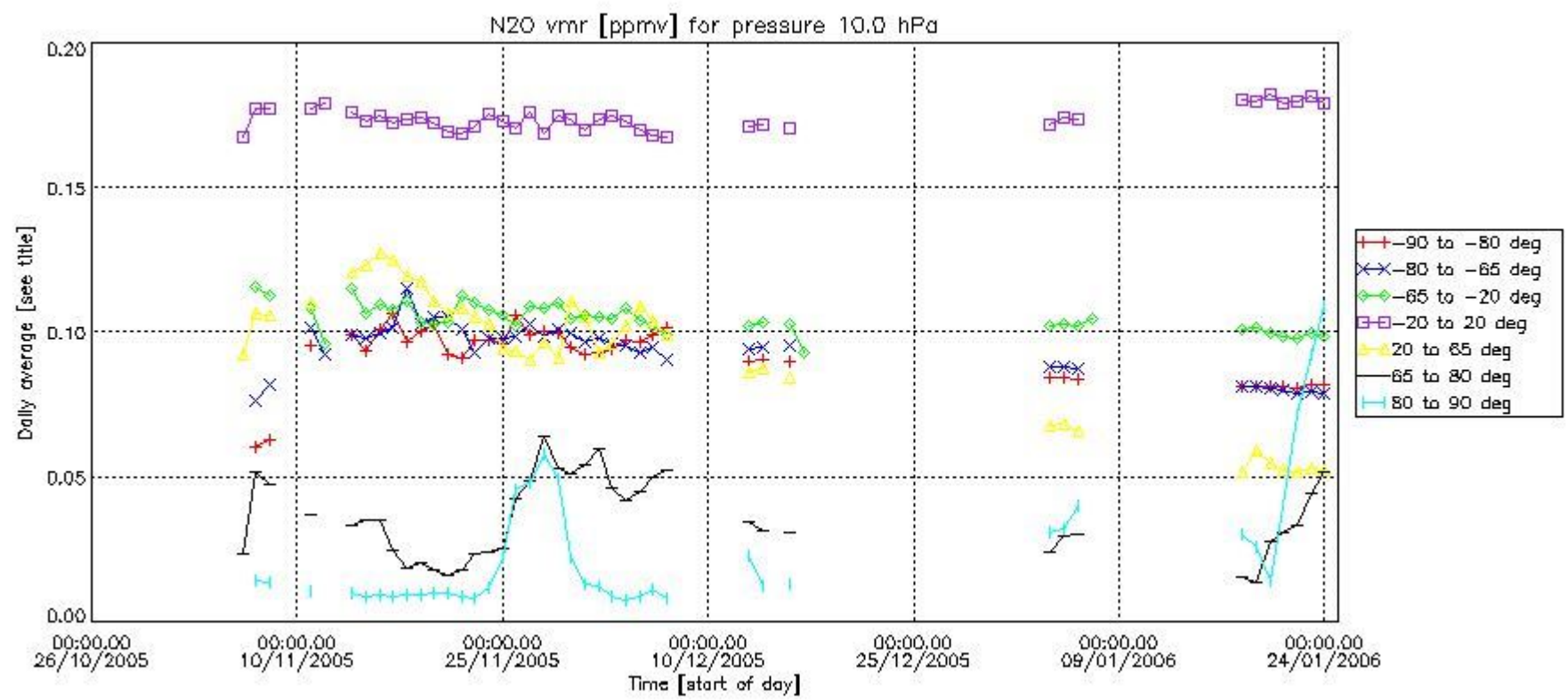
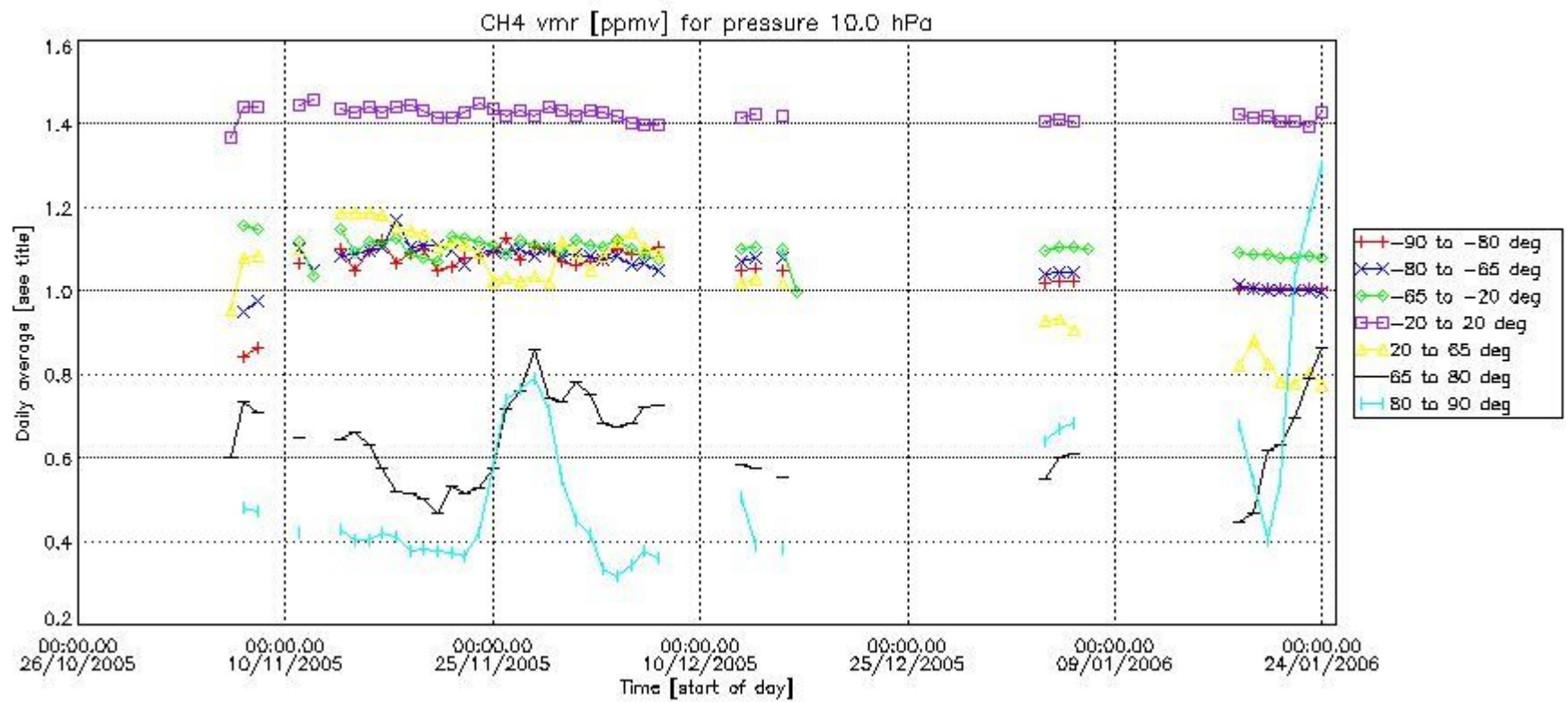


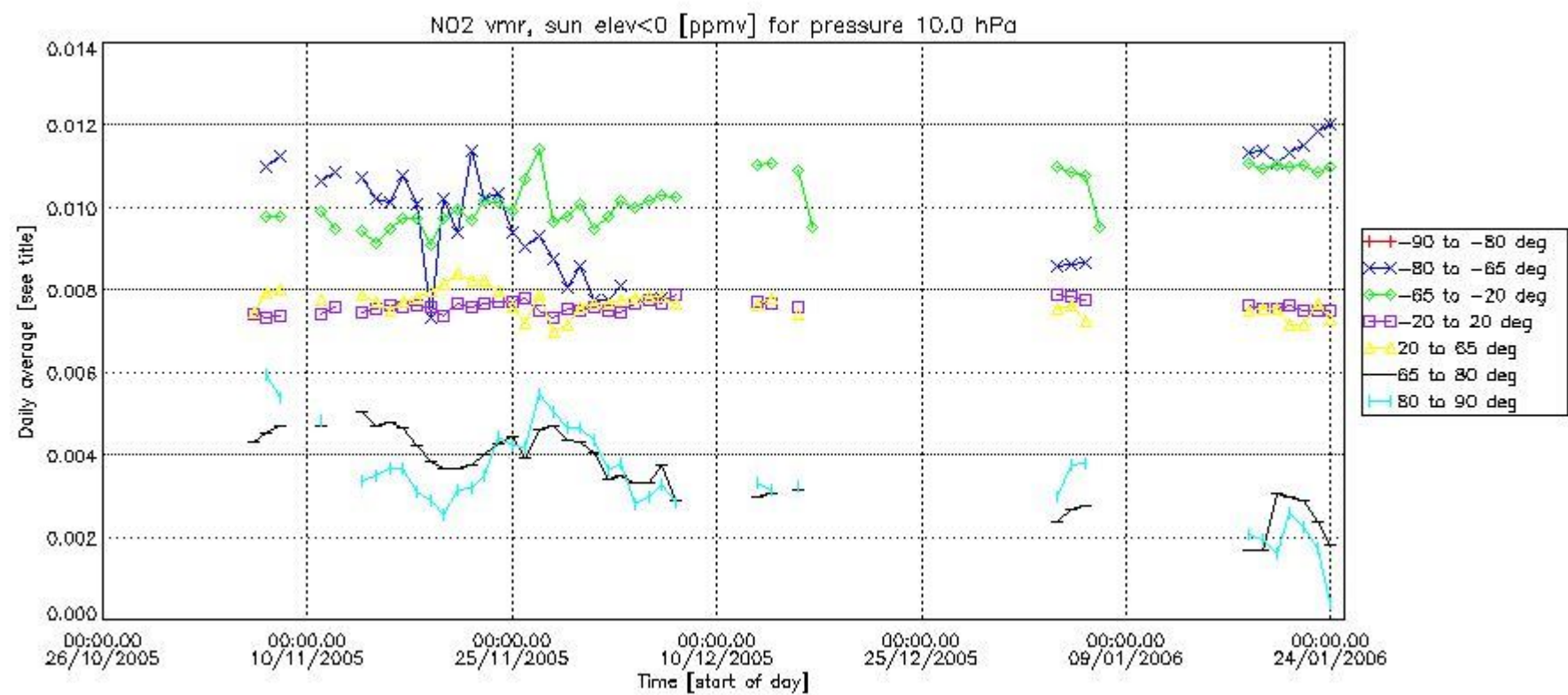
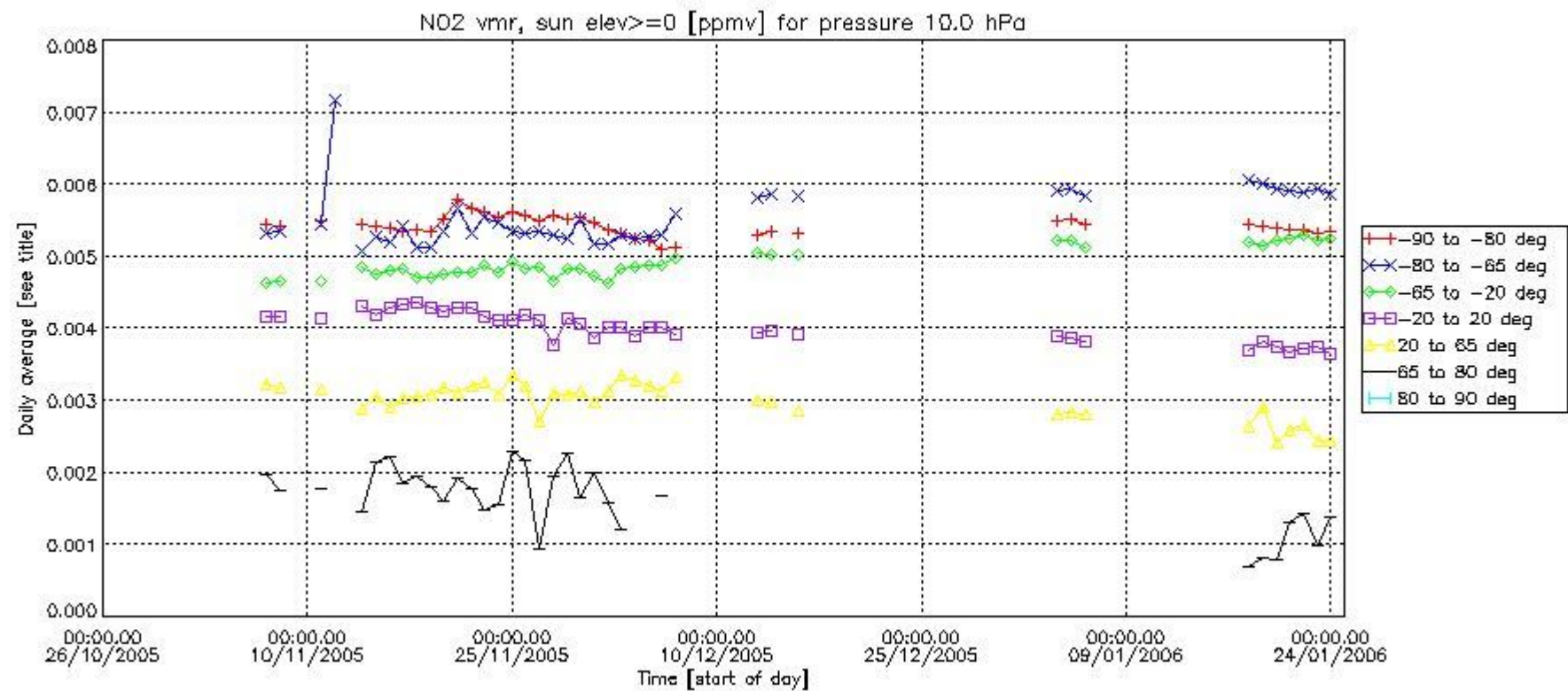


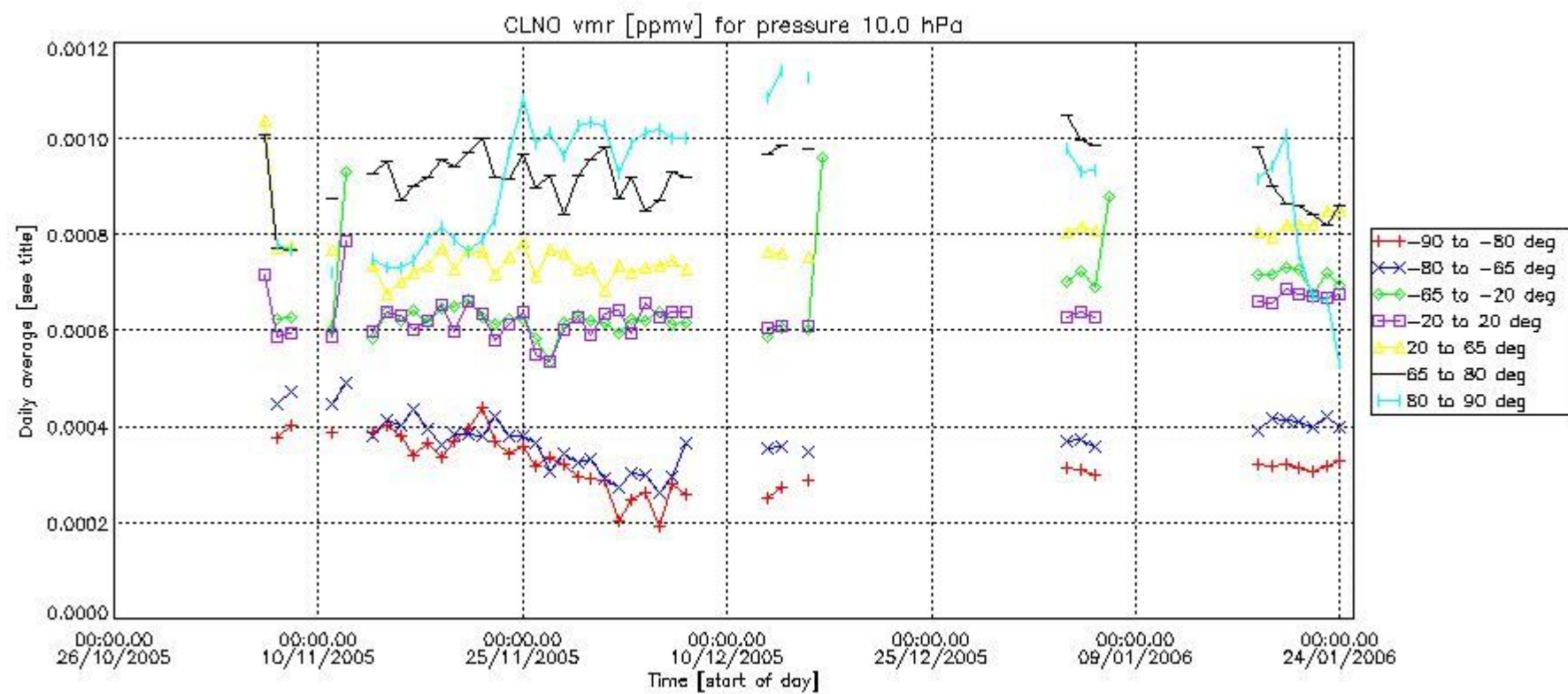
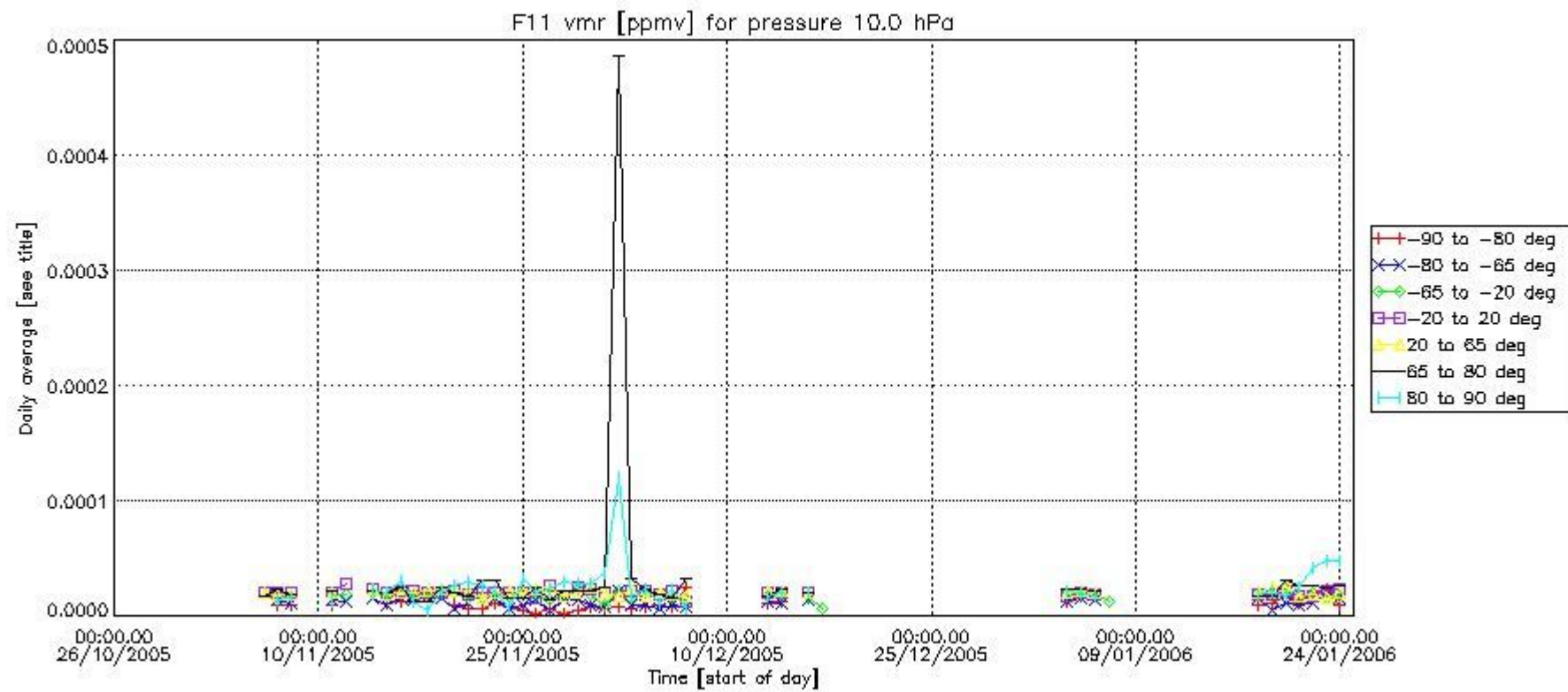


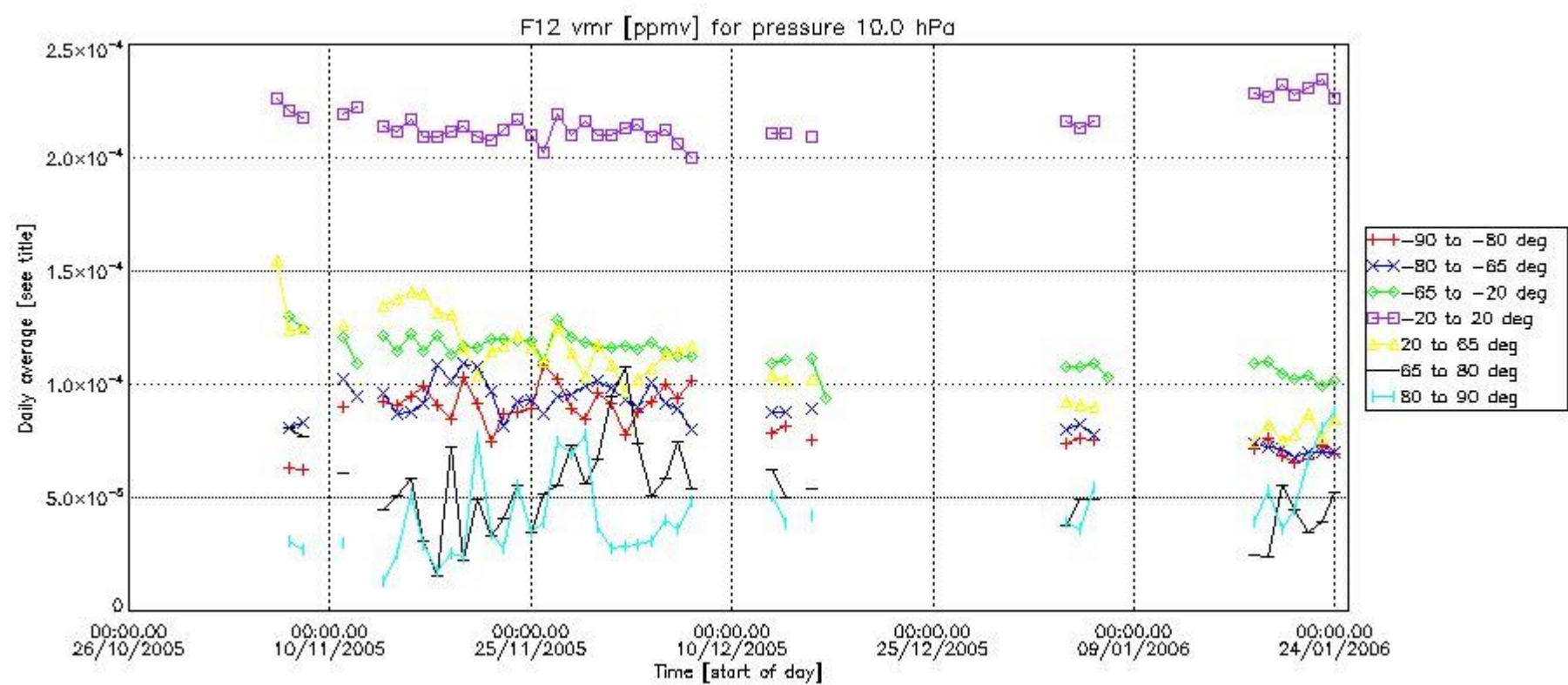
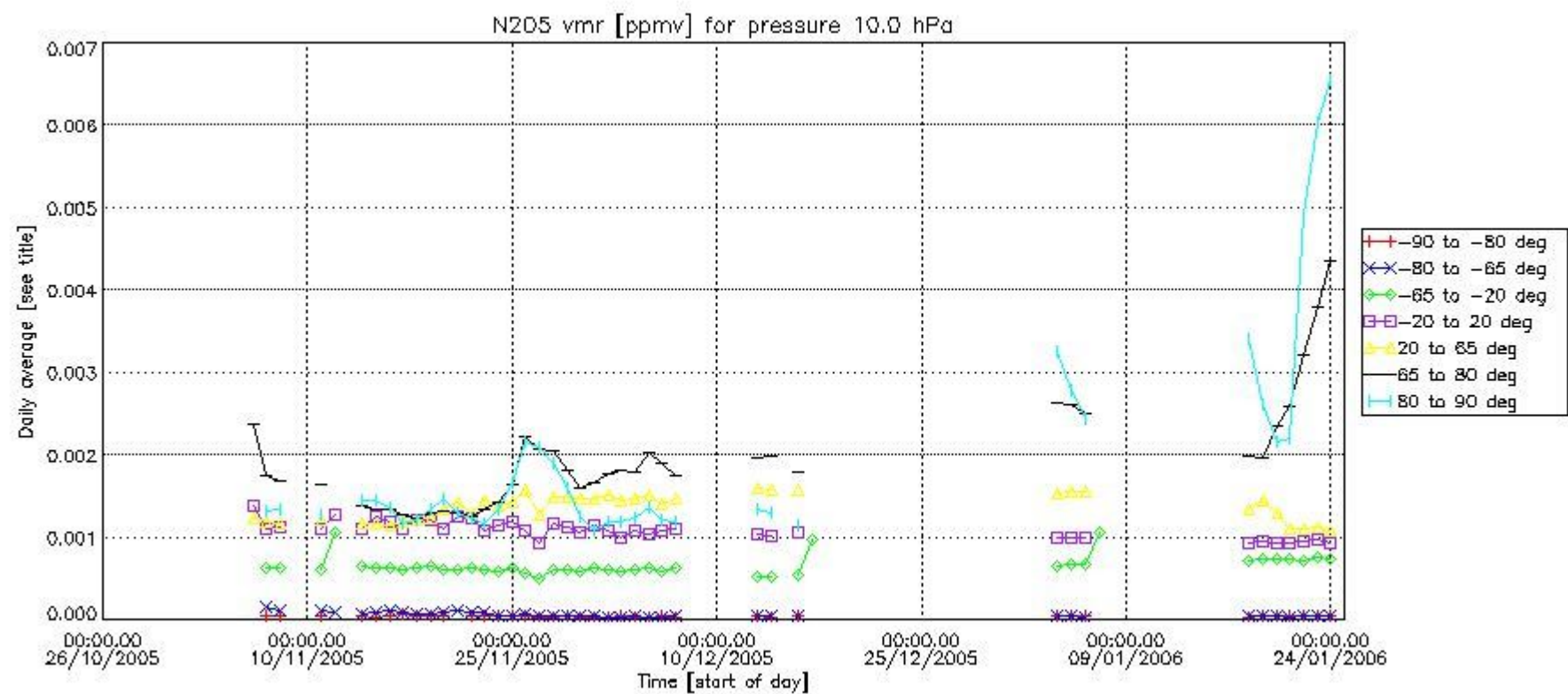


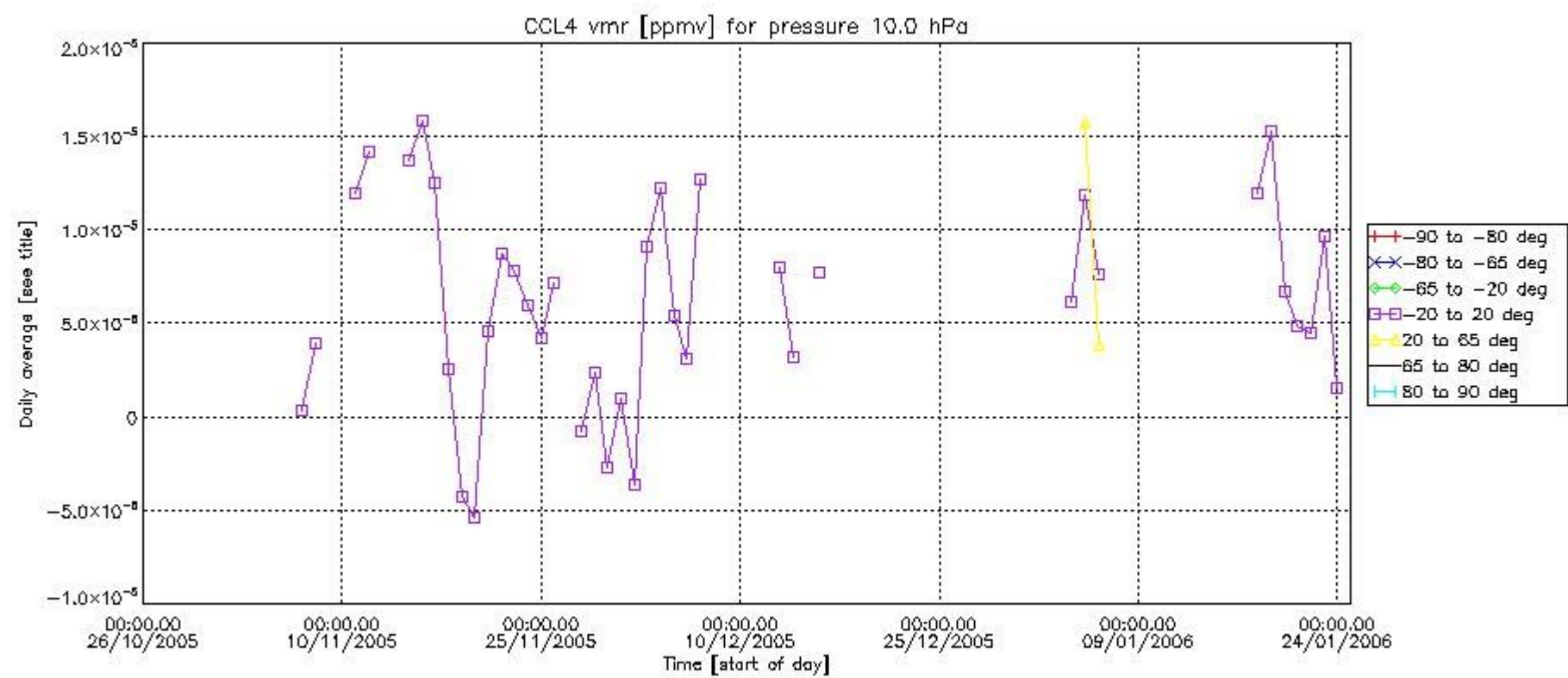
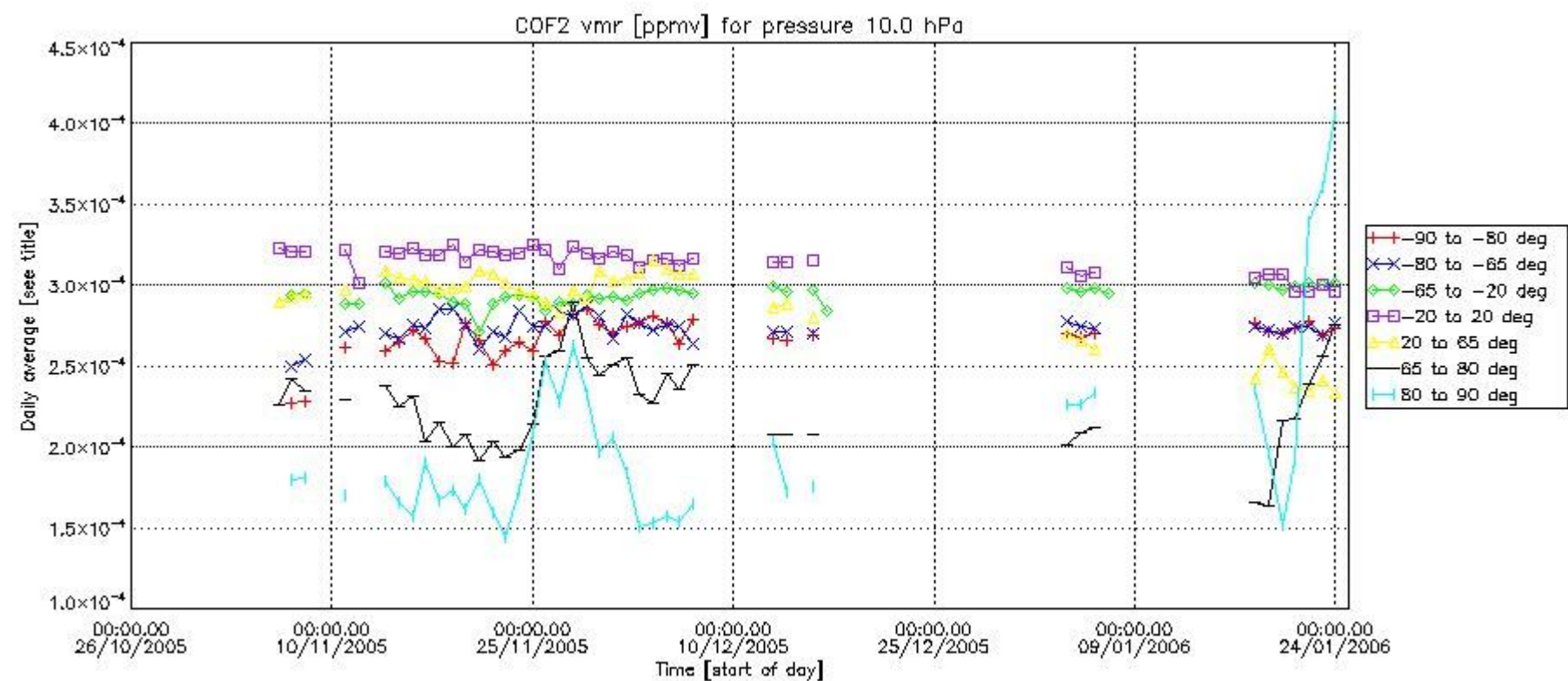


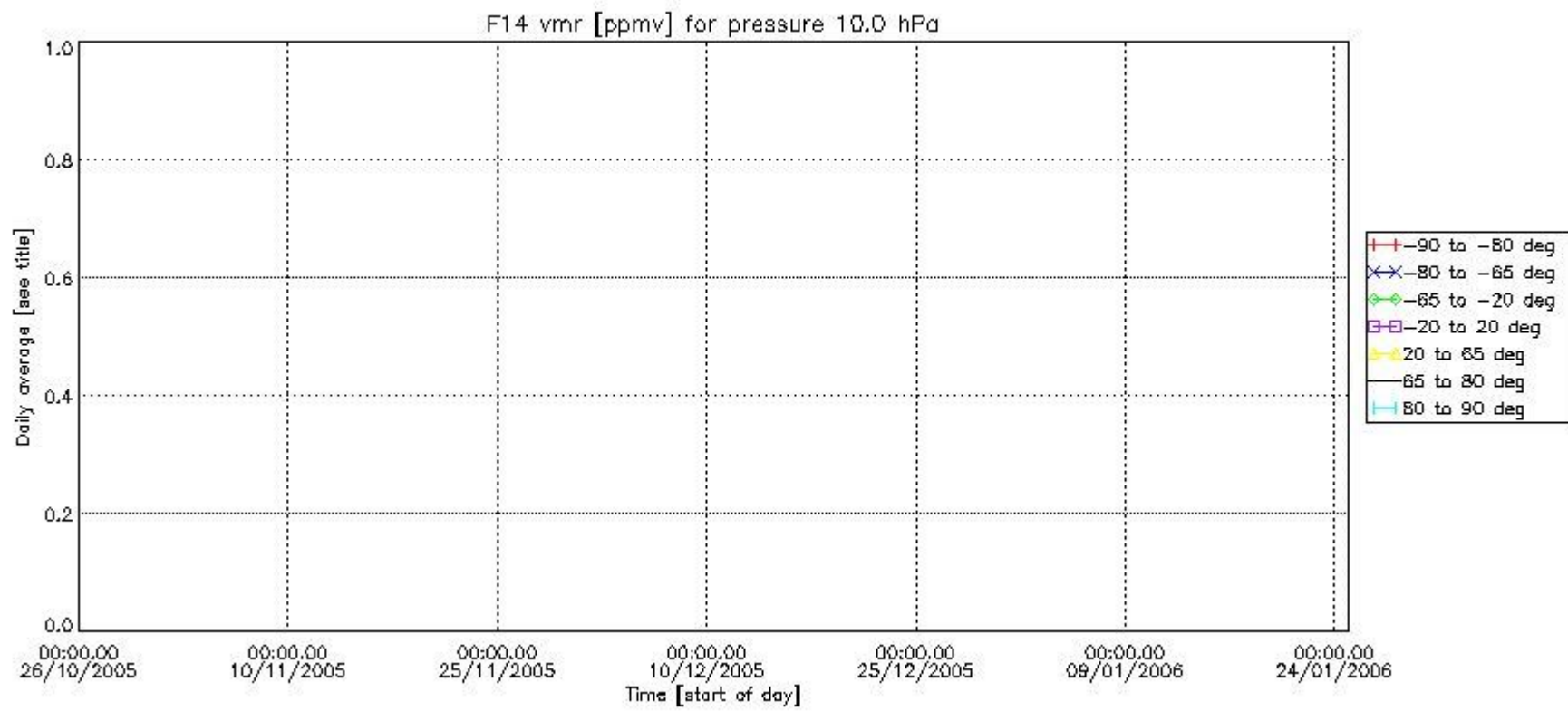
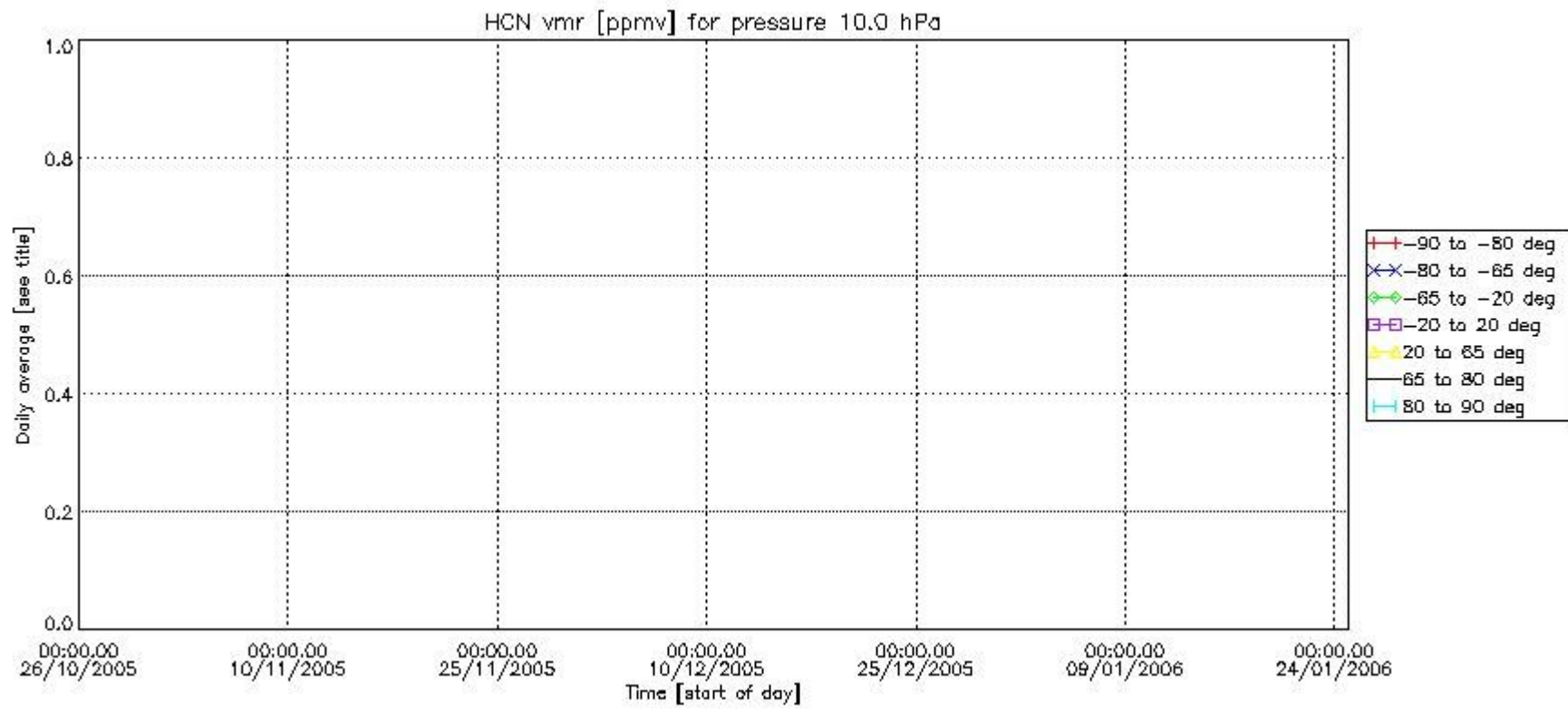


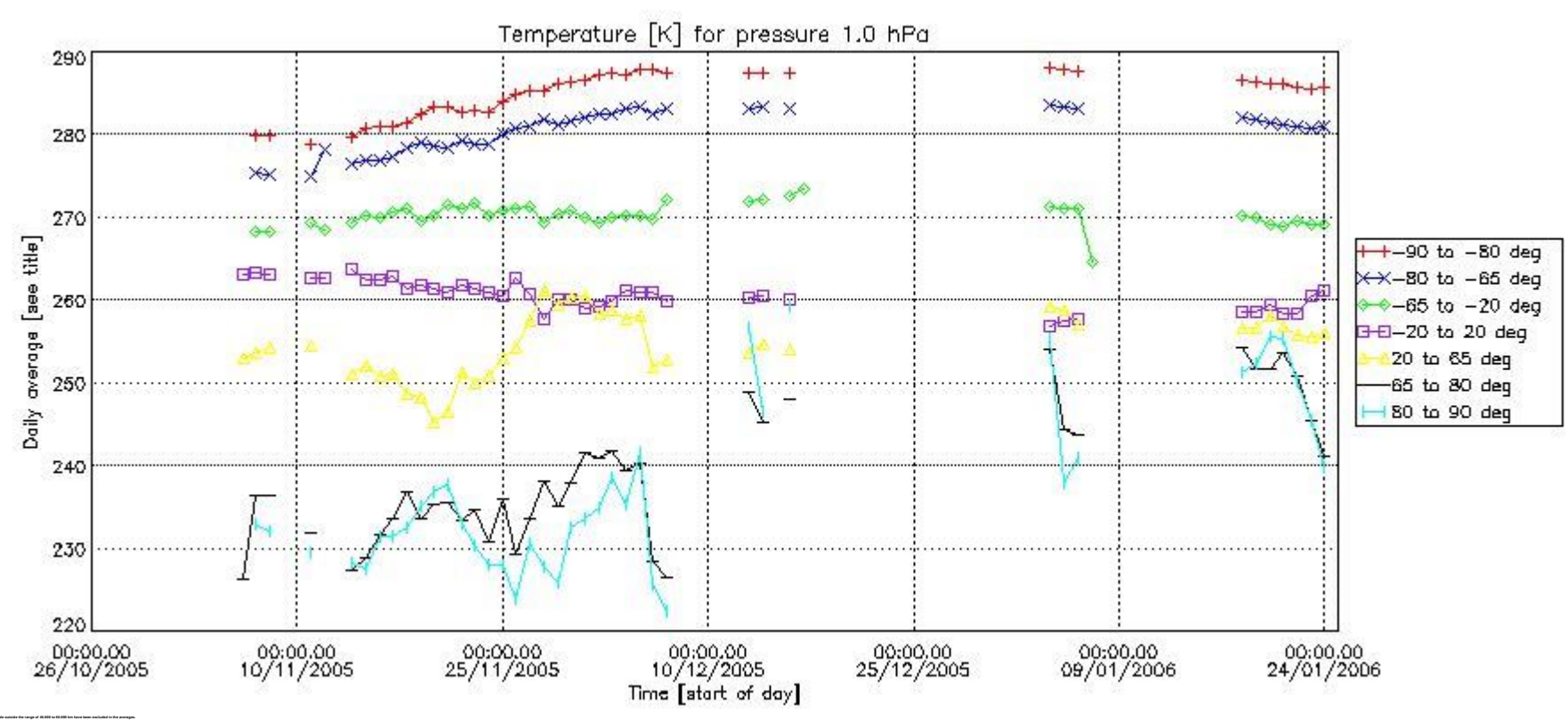
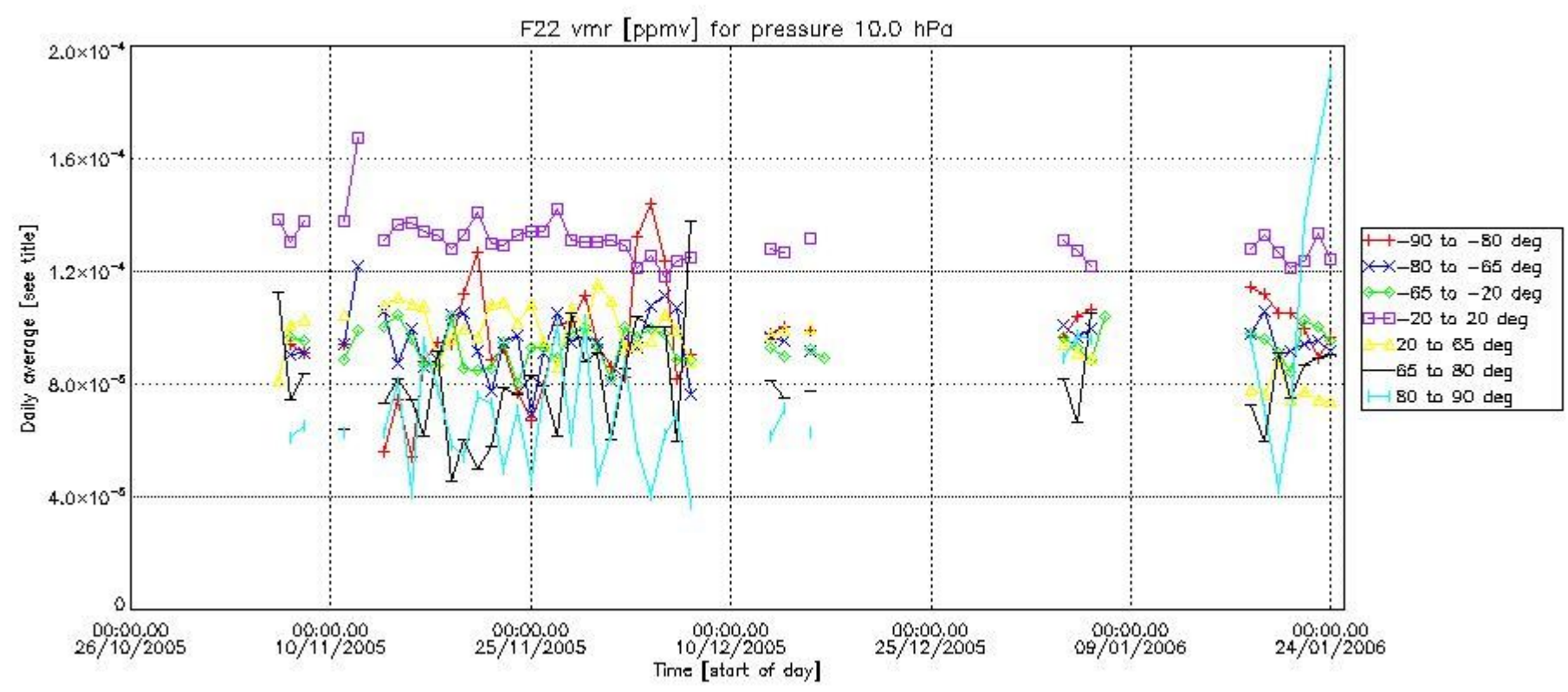


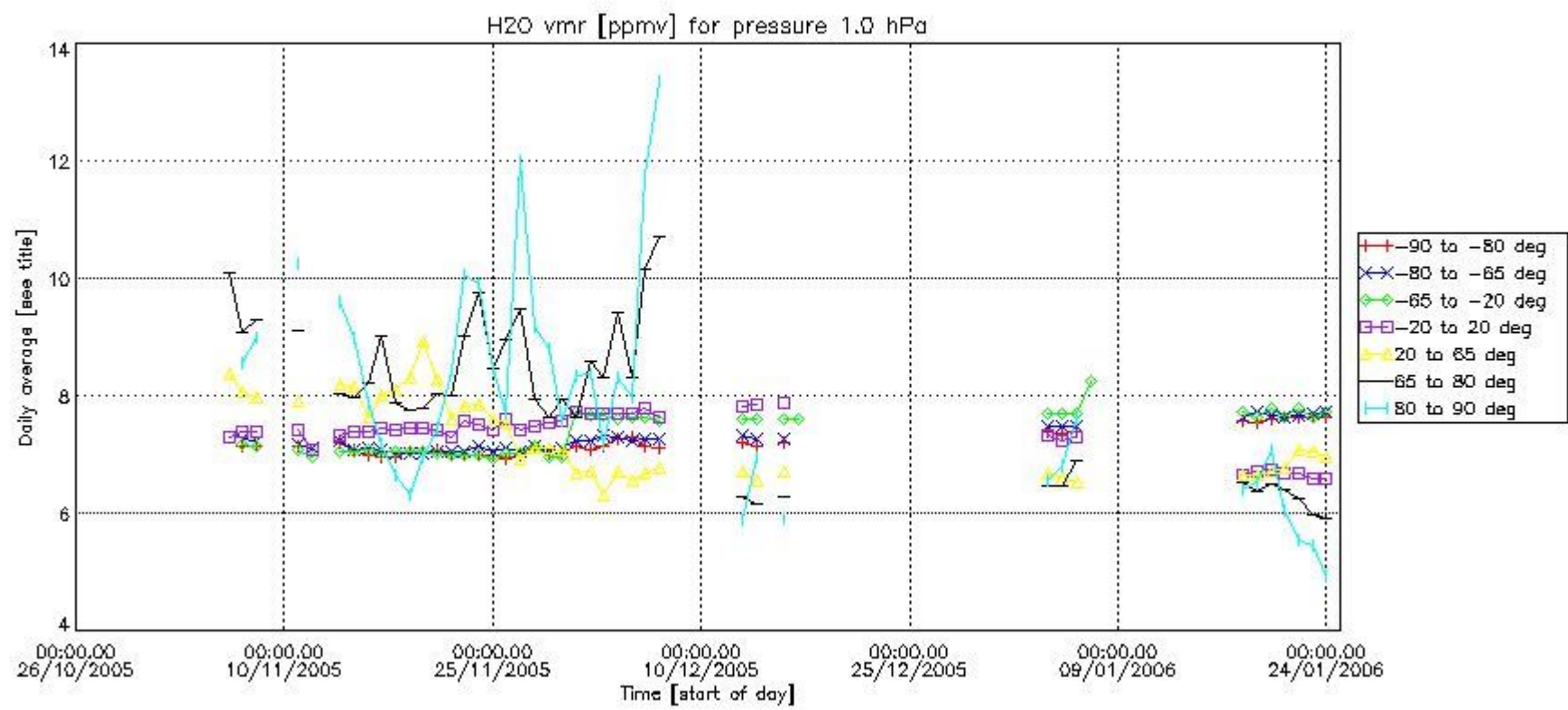
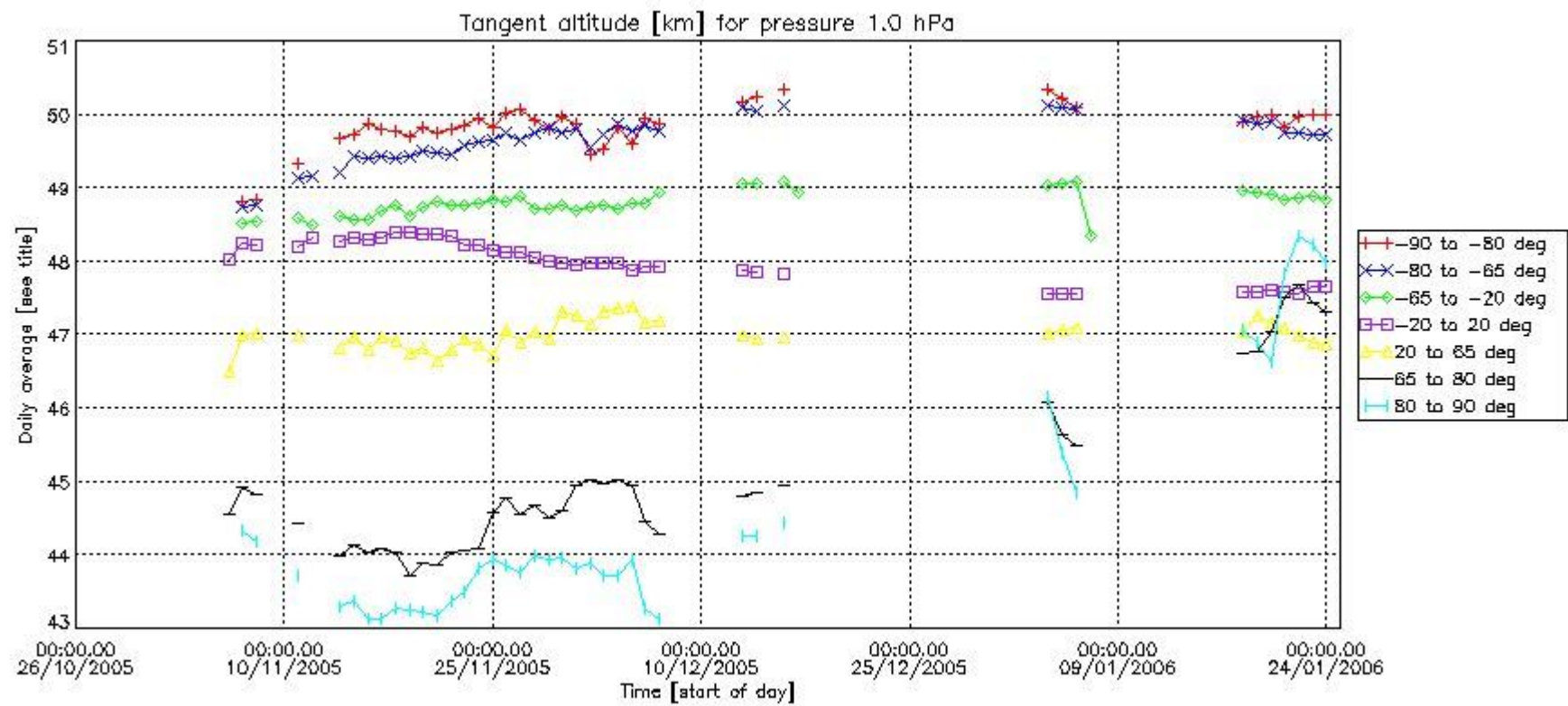


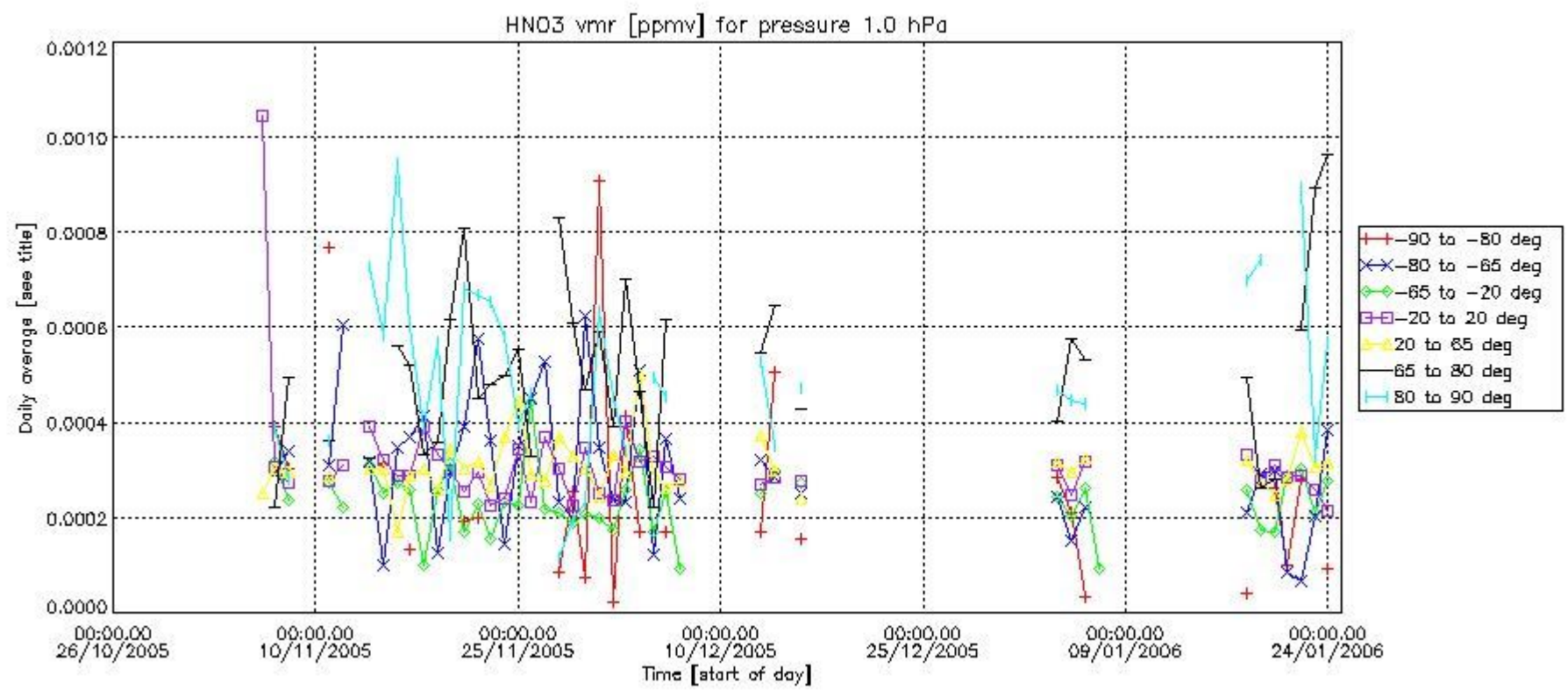
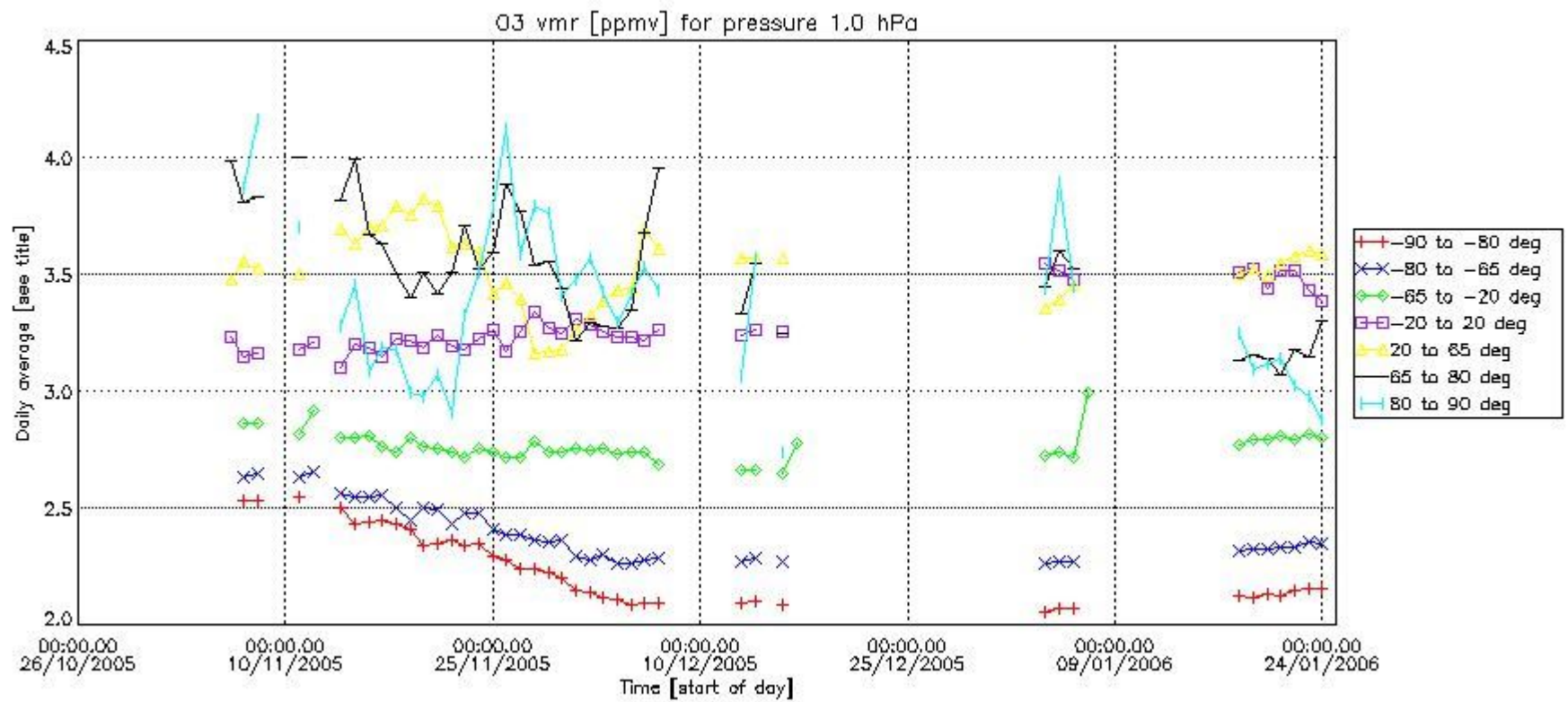


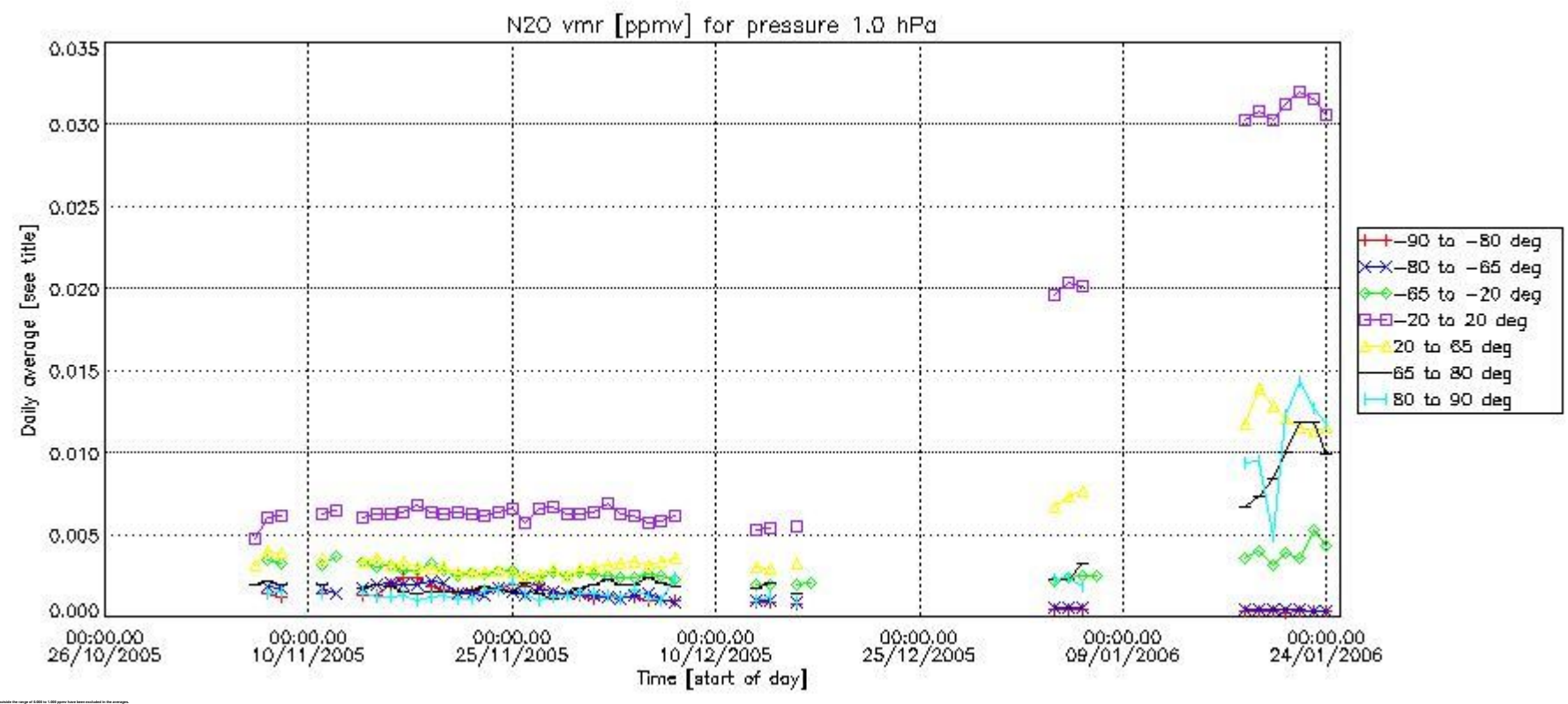
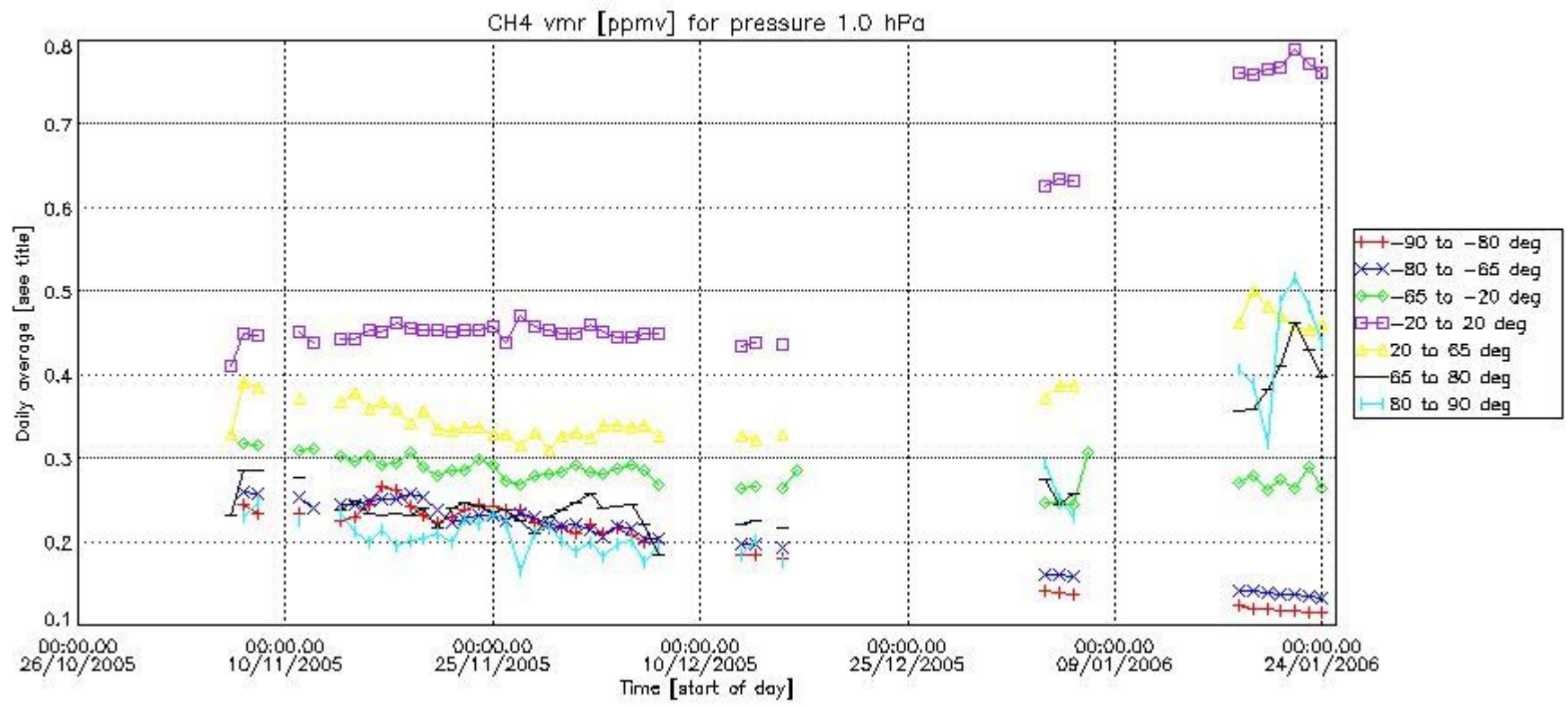


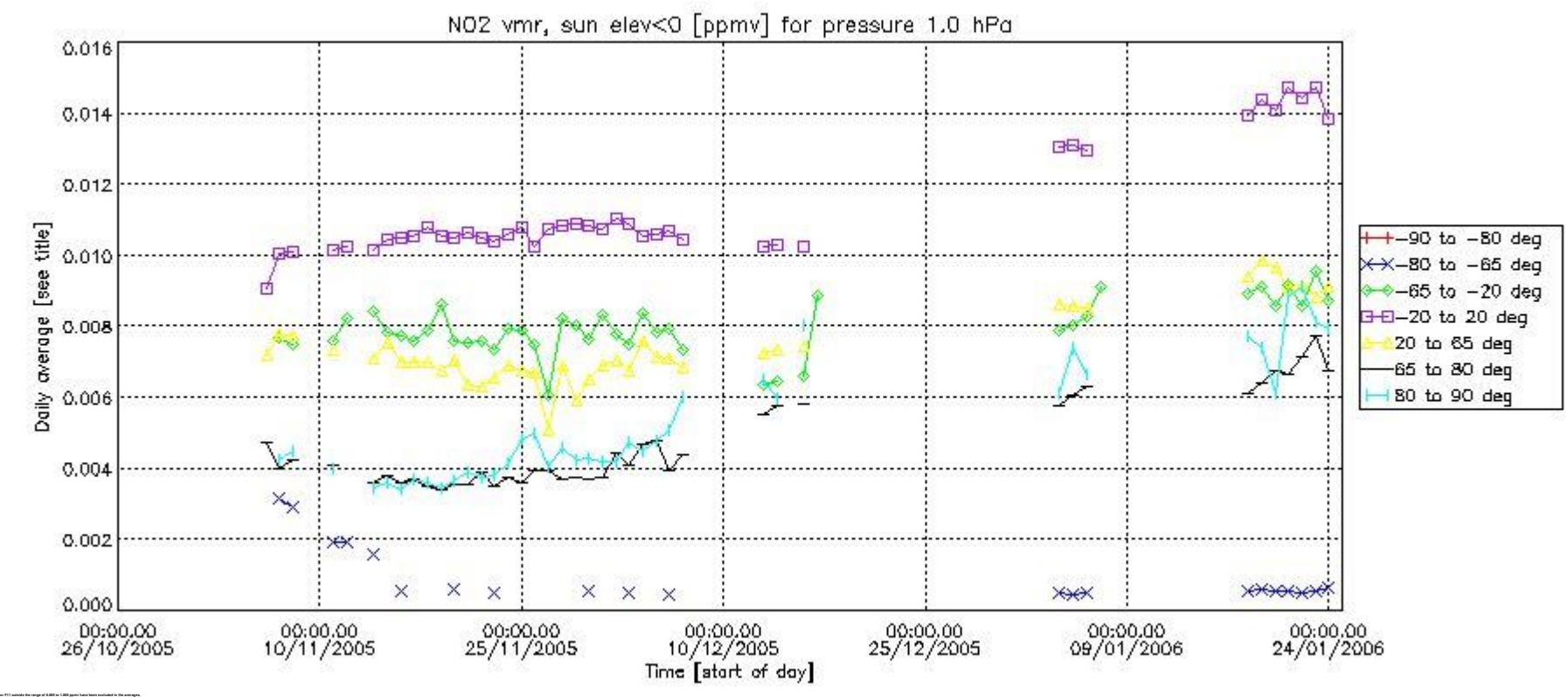
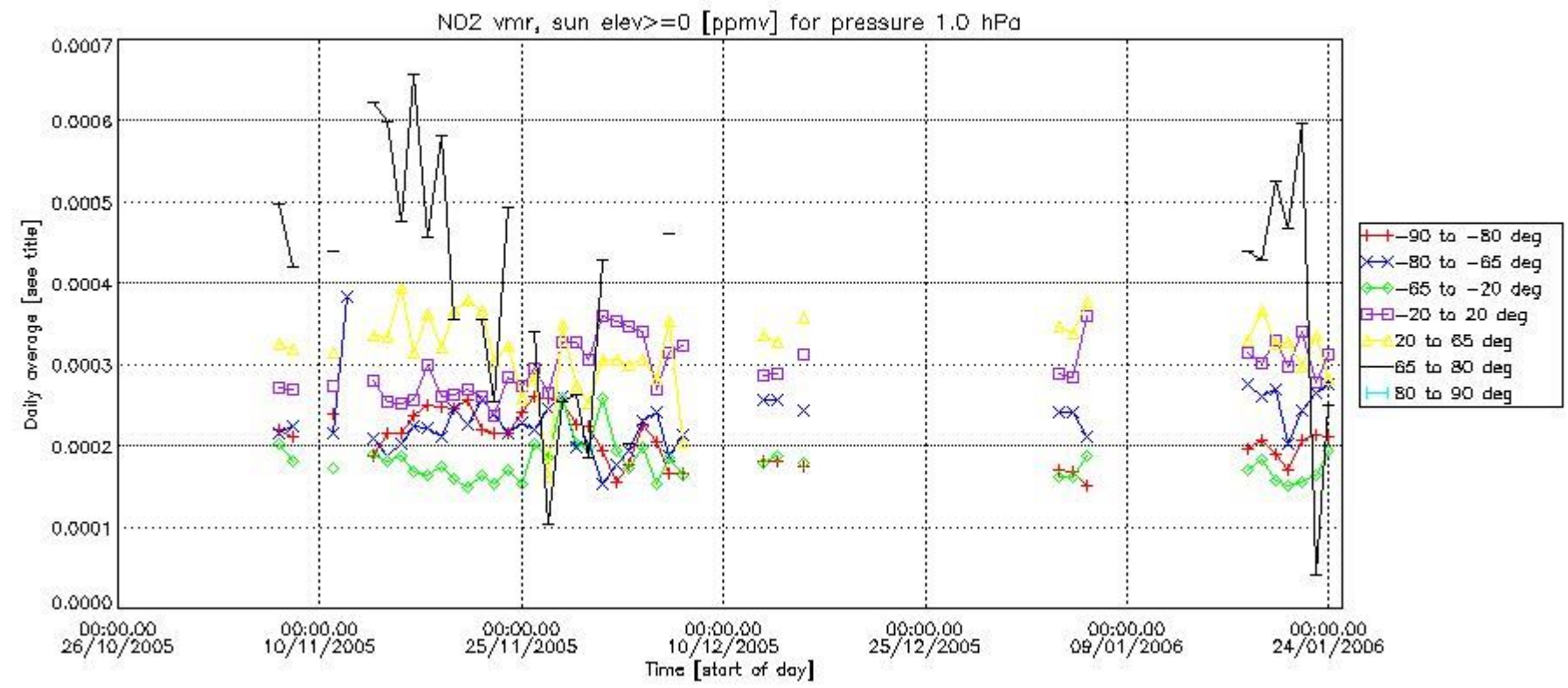


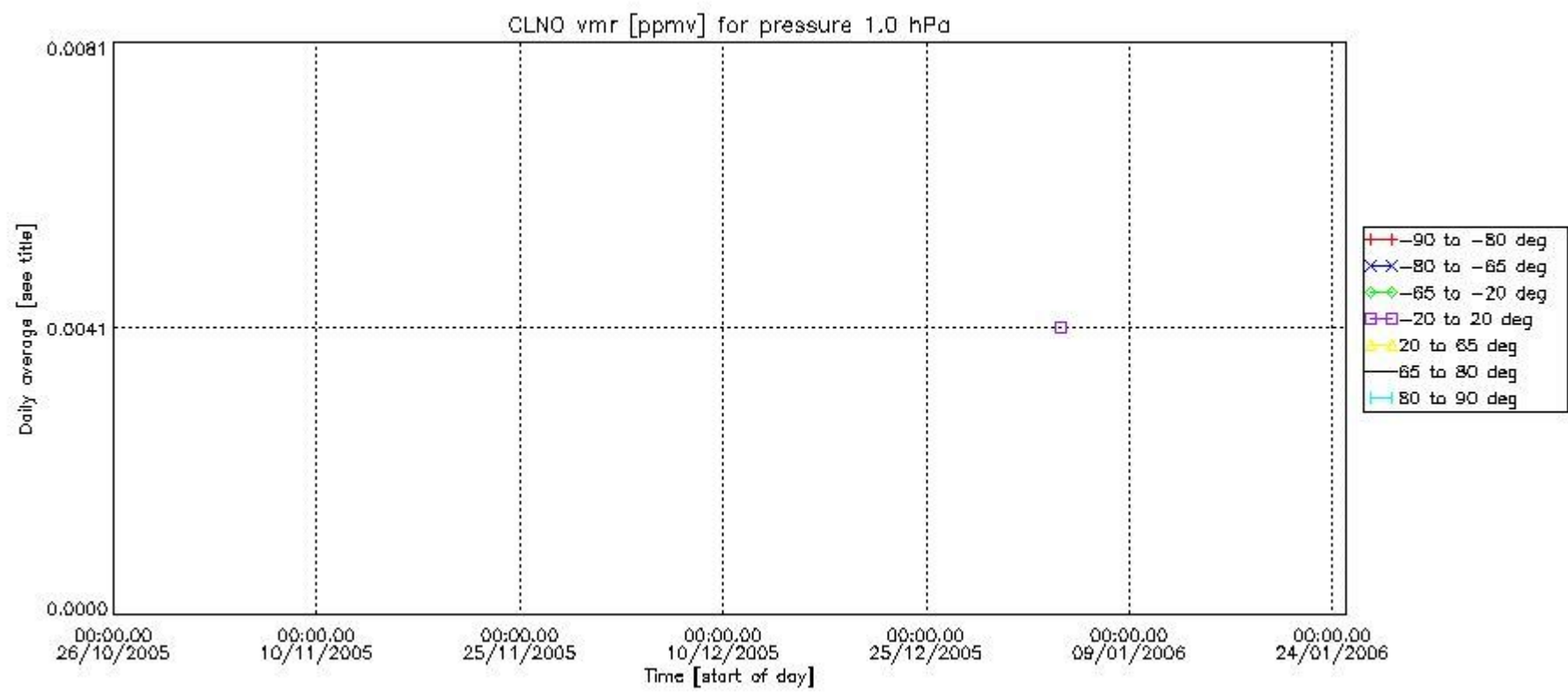
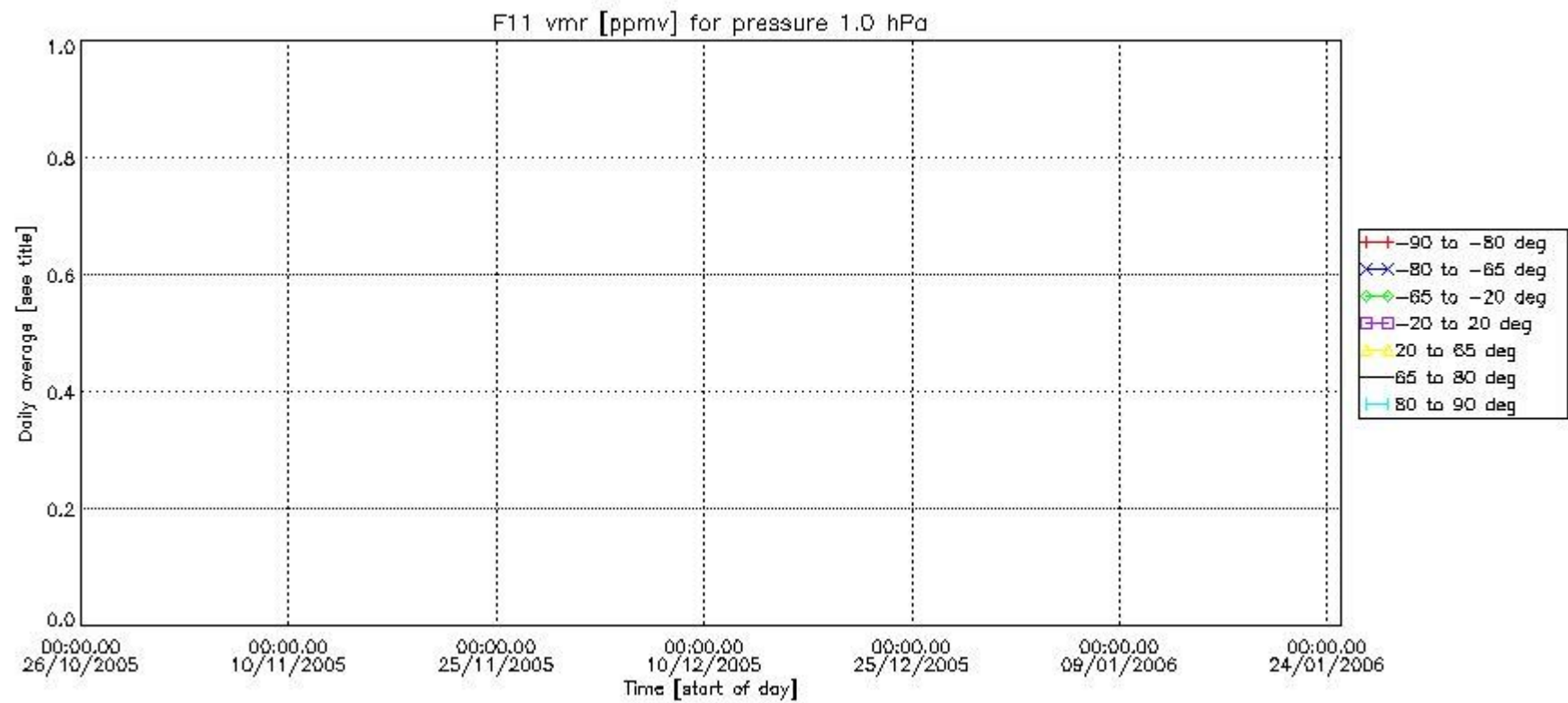


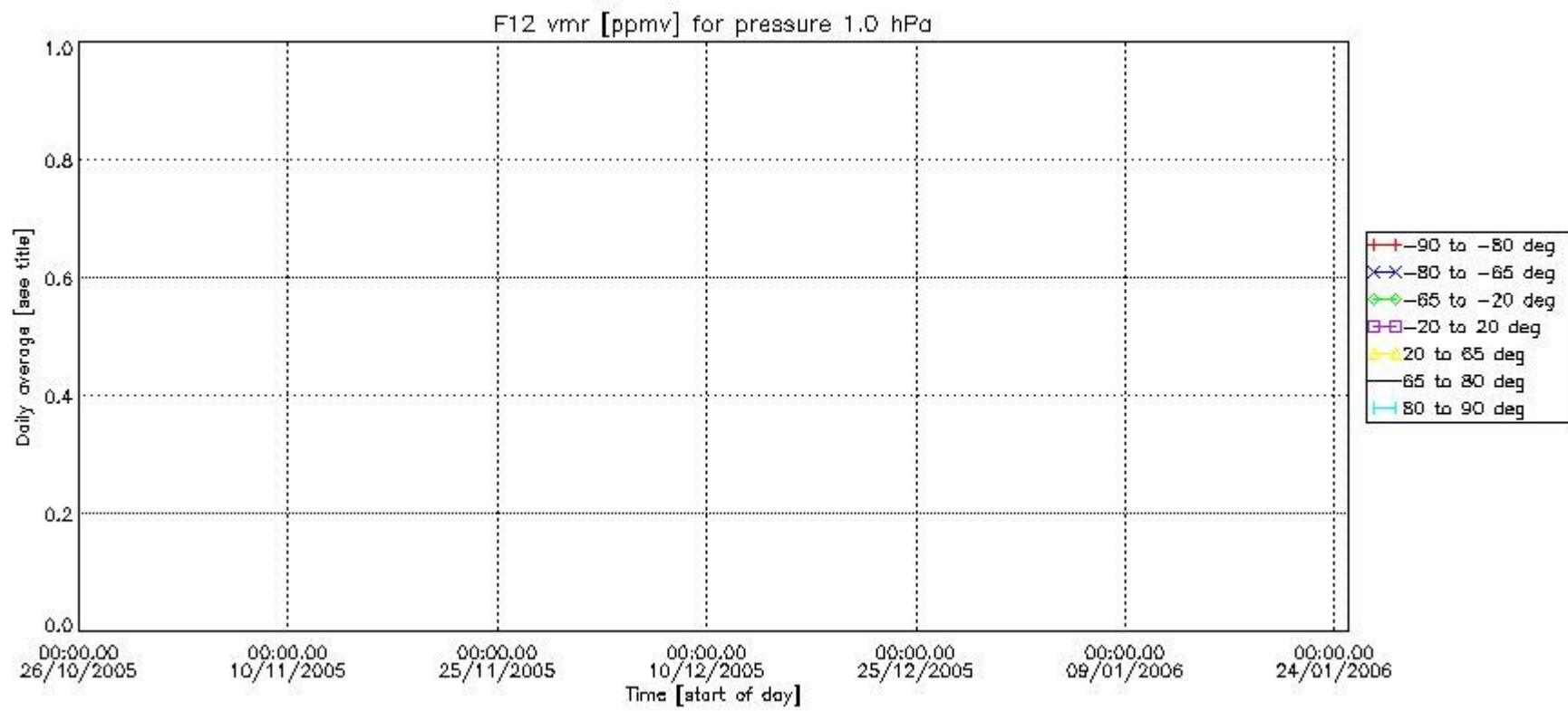
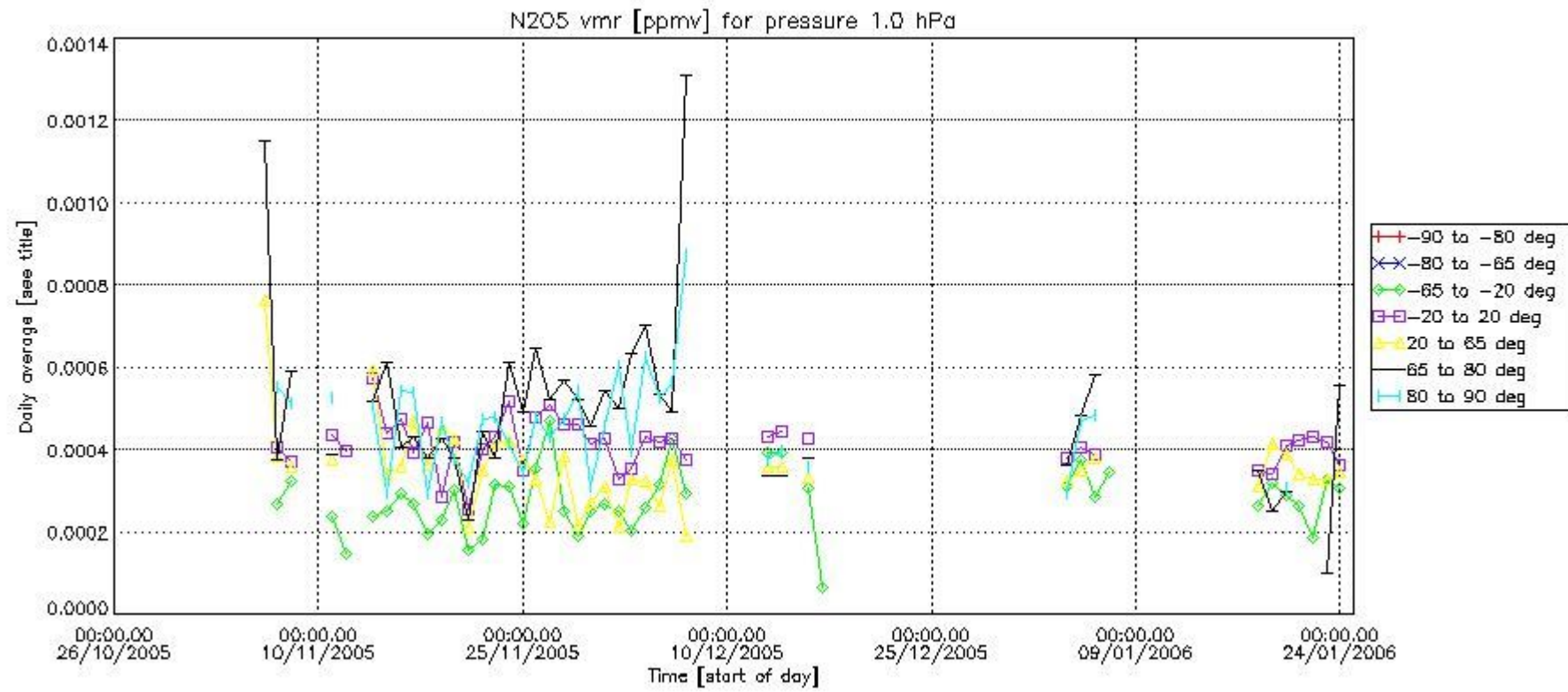


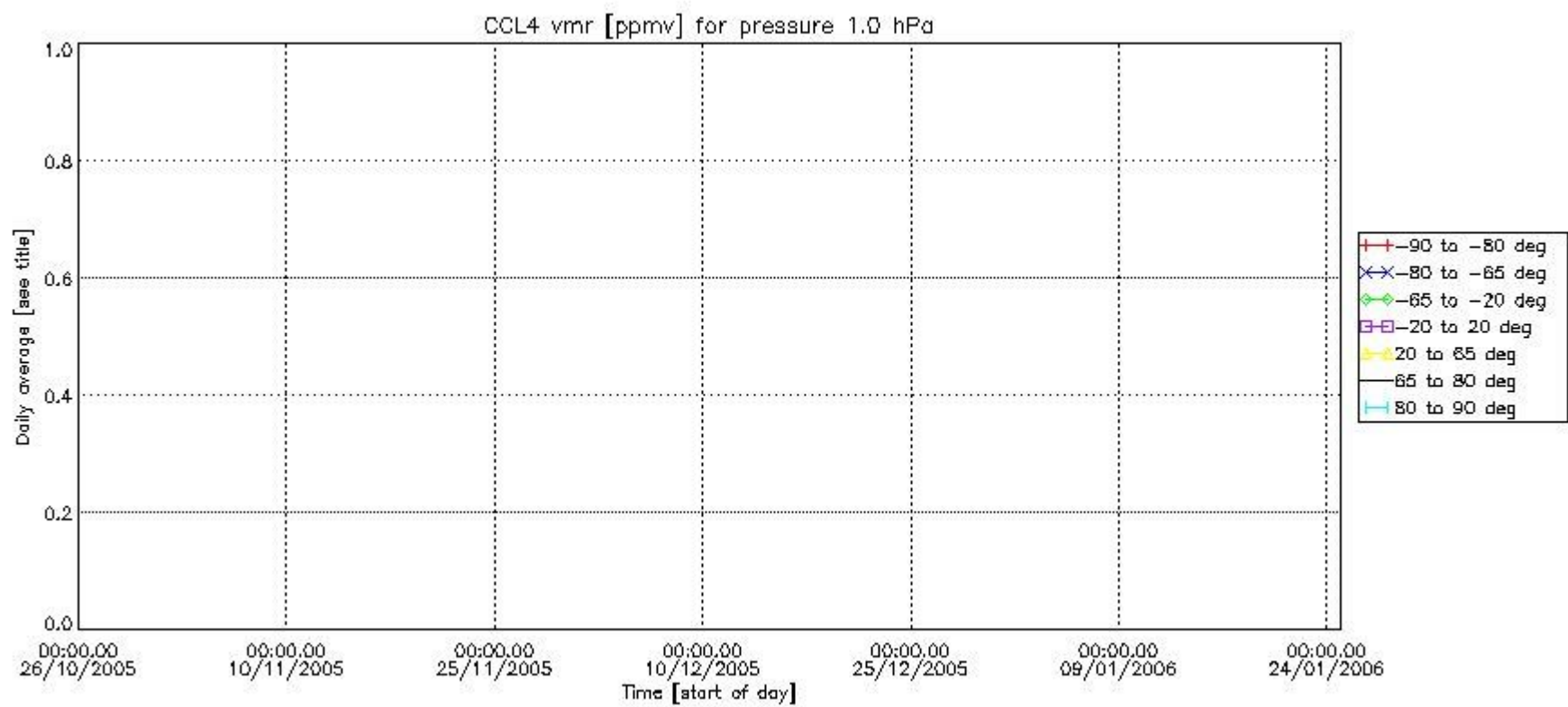
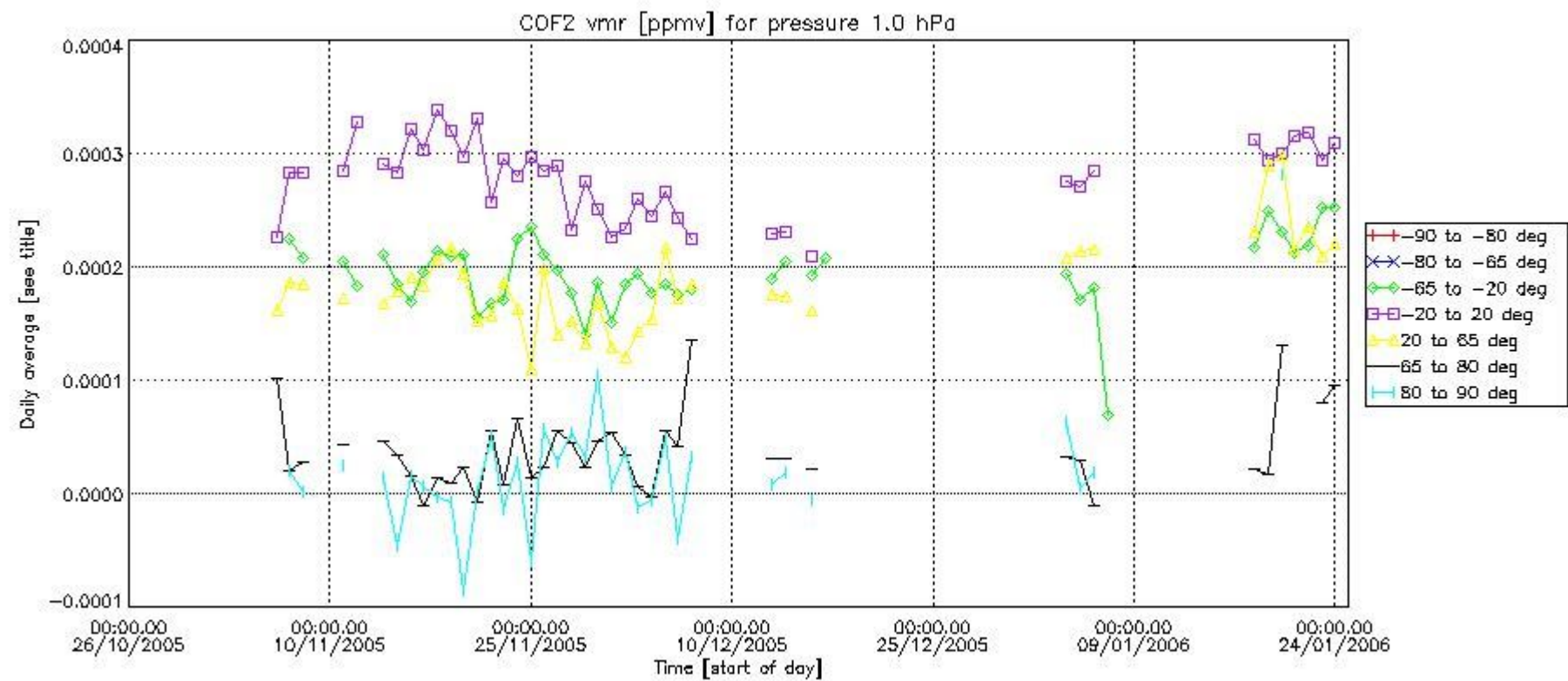


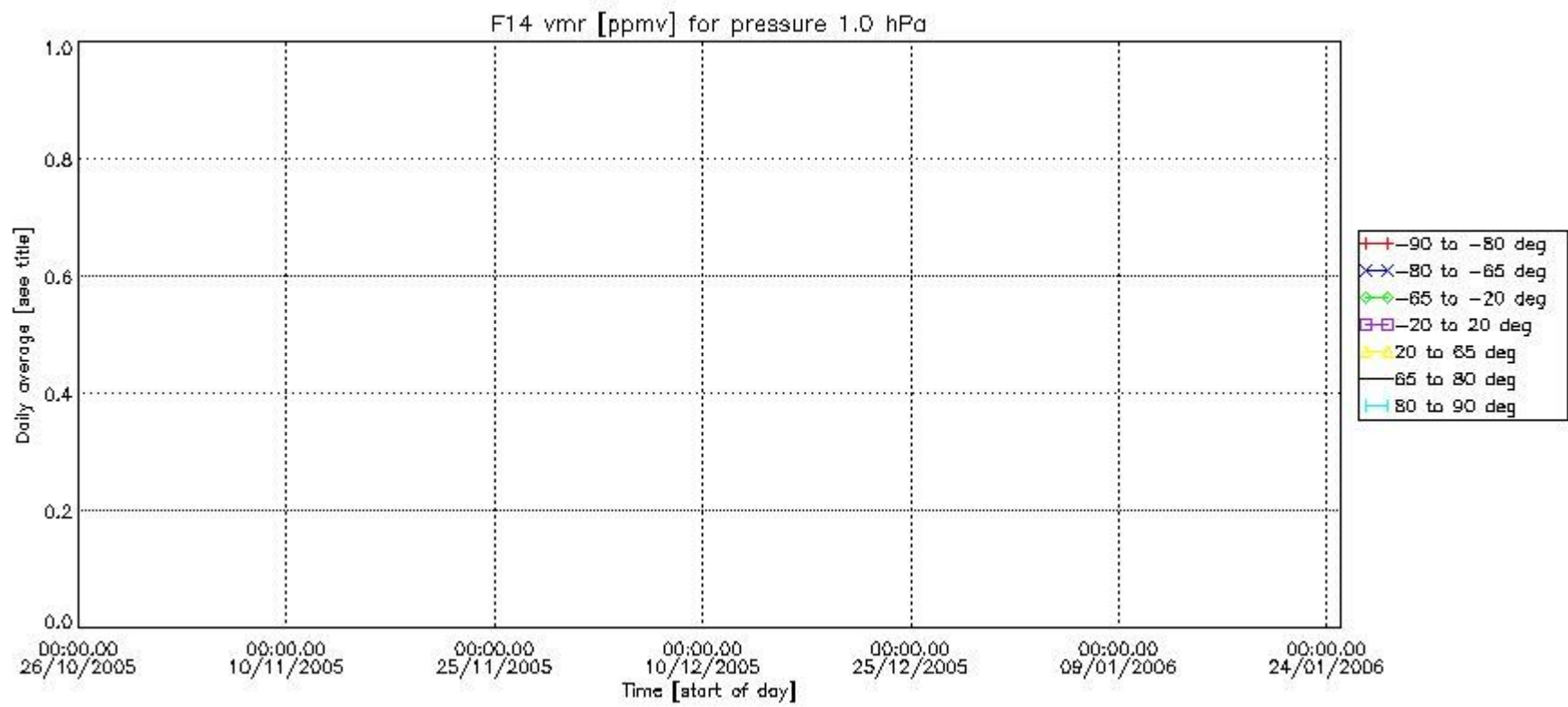
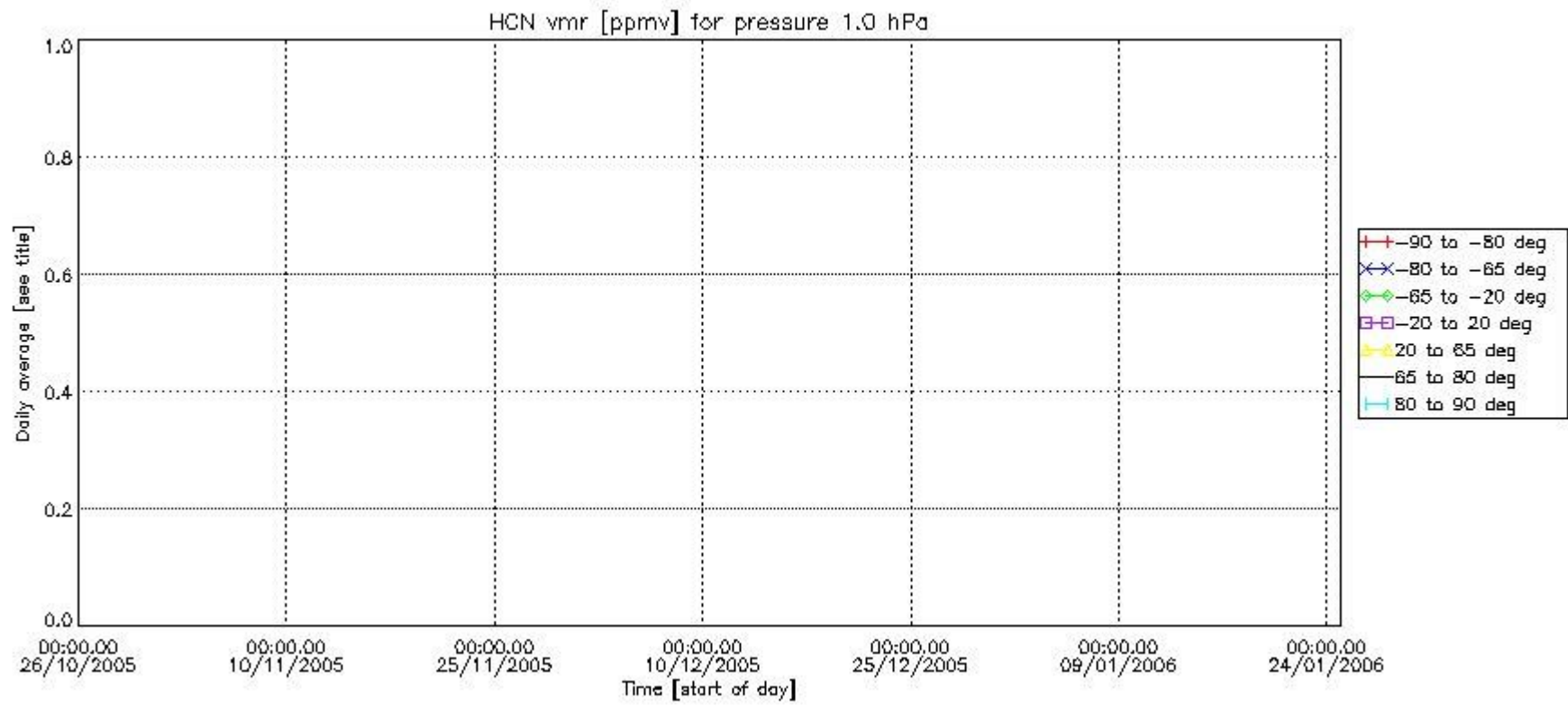


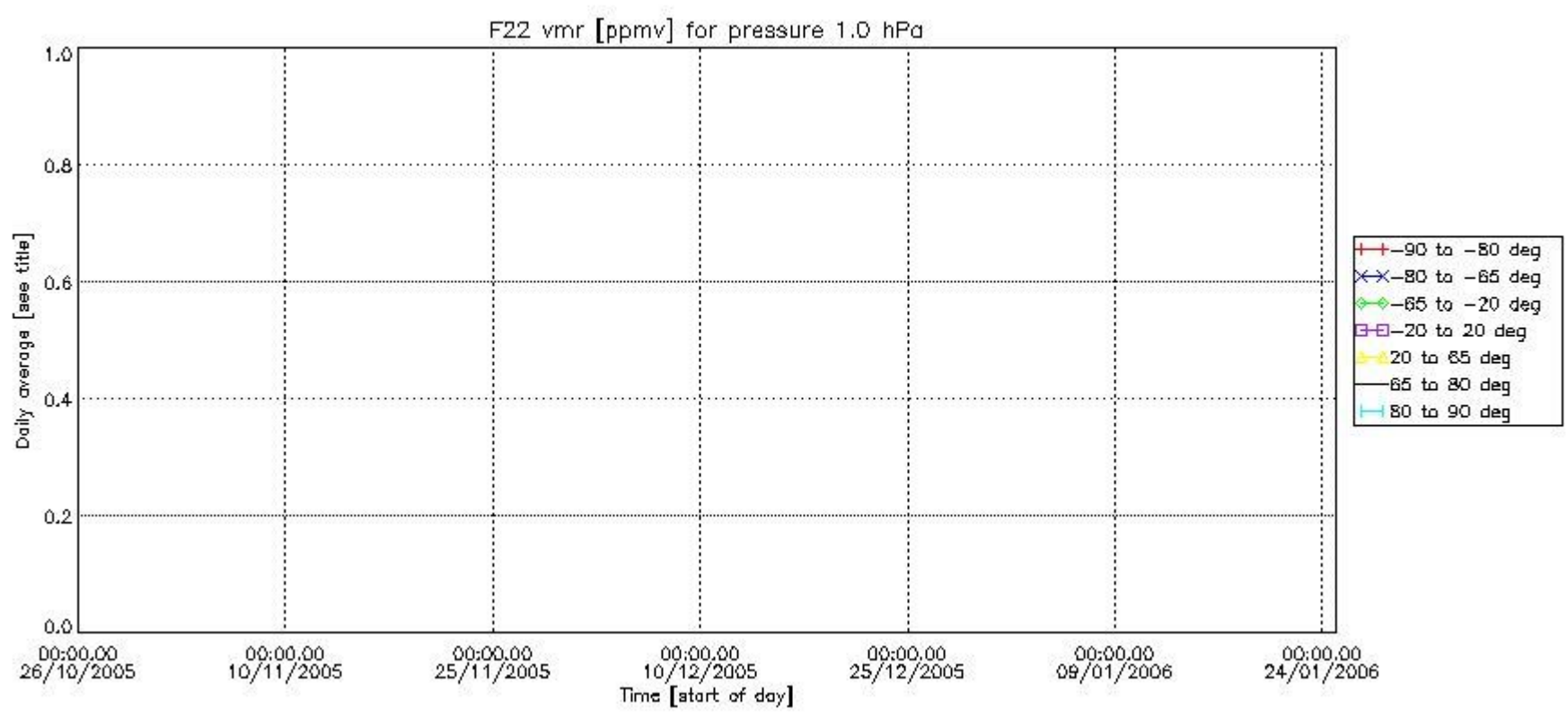












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

