

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060126.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 11:40:38
Data source version	ML2PP/7.03-W
Processing scope for products	26JAN2006 00:00:00 to 27JAN2006 00:00:00
Start time of first product within scope	26JAN2006 09:24:53
Stop time of last product within scope	26JAN2006 21:14:21
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__2PWDSI20060126_092453_000057482044_00337_20431_1000.N1	26JAN2006 09:24:53	26JAN2006 11:00:40	0	103/103	VMR_TERM_MACRO_MICRO [O3/micro:1; NO2/micro:1; COF2/micro:1; HCN/micro:1]
1	MIP_NL__2PWDSI20060126_110131_000060352044_00338_20432_1000.N1	26JAN2006 11:01:31	26JAN2006 12:42:06	0	133/133	VMR_TERM_MACRO_MICRO [COF2/macro:1; HCN/macro:1; F14/macro:2; HCN/micro:1; F14/micro:1]
2	MIP_NL__2PWDSI20060126_124212_000005502044_00339_20433_1000.N1	26JAN2006 12:42:12	26JAN2006 12:51:21	0	12/12	
3	MIP_NL__2PWDSI20060126_174752_000057482044_00342_20436_1000.N1	26JAN2006 17:47:52	26JAN2006 19:23:40	0	122/122	VMR_TERM_MACRO_MICRO [HCN/macro:1; F14/macro:3; HCN/micro:4]
4	MIP_NL__2PWDSI20060126_210512_000005502044_00344_20438_1000.N1	26JAN2006 21:05:12	26JAN2006 21:14:21	0	12/12	

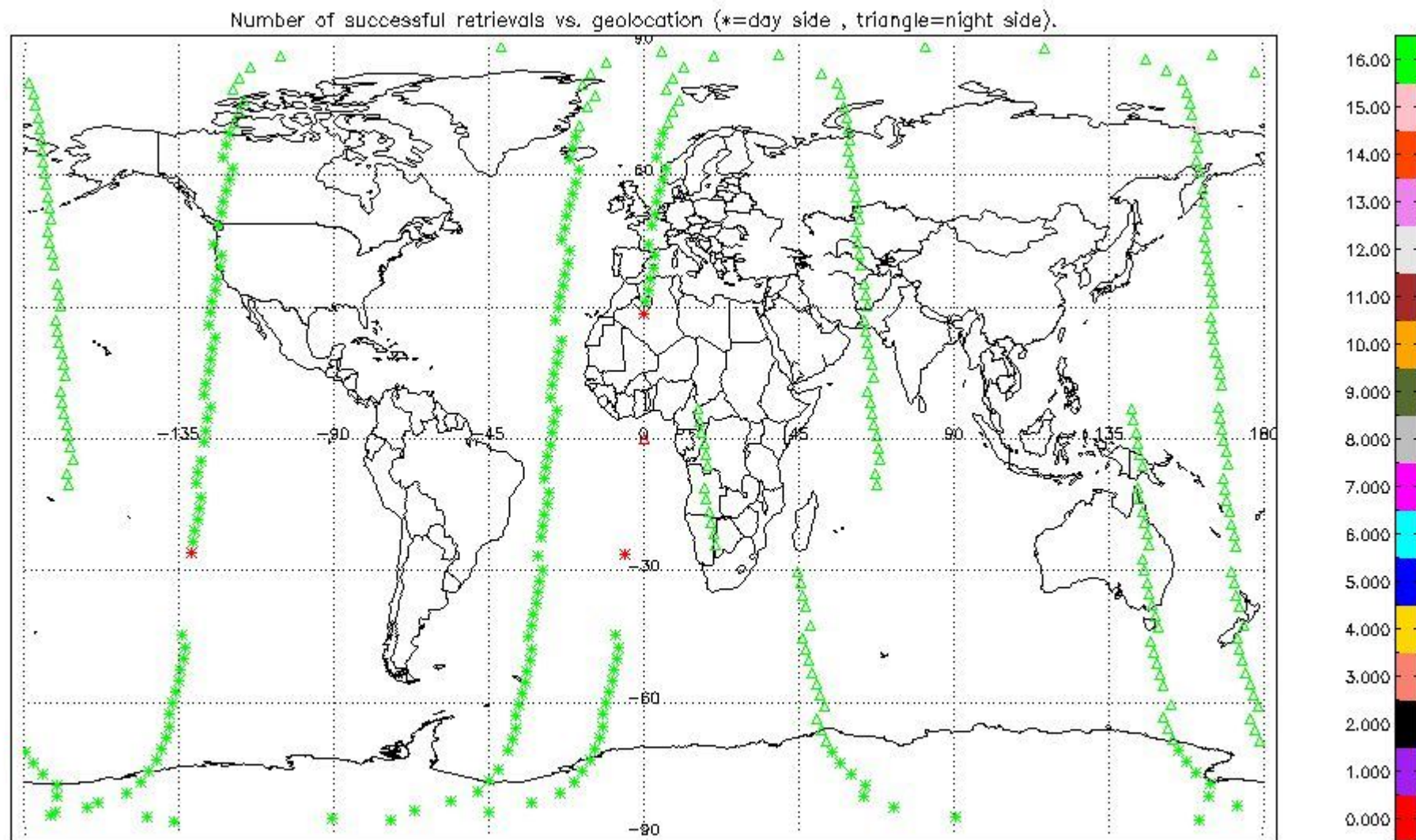
2.2 Processing performance indicators

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.

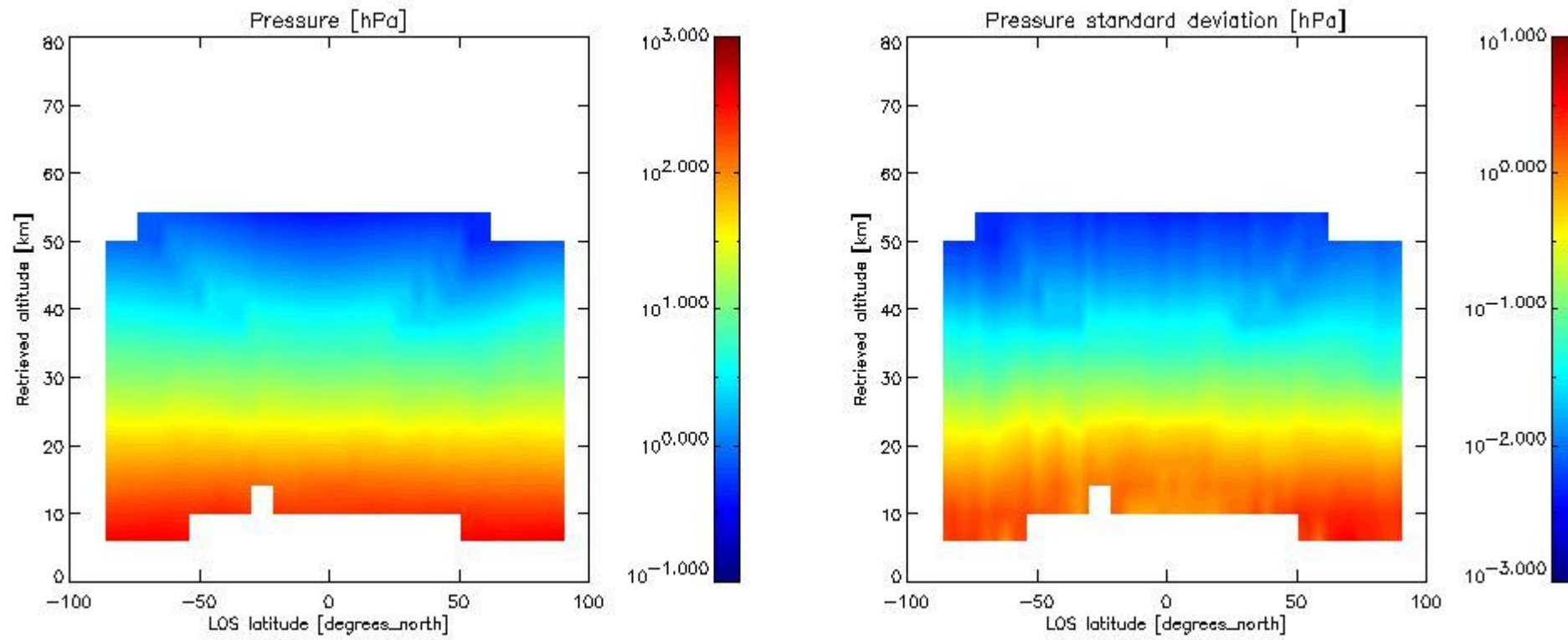
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	382	377	98.691
H2O	382	377	98.691
O3	382	377	98.691
HNO3	382	377	98.691
CH4	382	377	98.691

N2O	382	377	98.691
NO2	382	377	98.691
F11	382	377	98.691
CLNO	382	377	98.691
N2O5	382	377	98.691
F12	382	376	98.429
COF2	382	377	98.691
CCL4	382	377	98.691
HCN	382	377	98.691
F14	382	377	98.691
F22	382	377	98.691



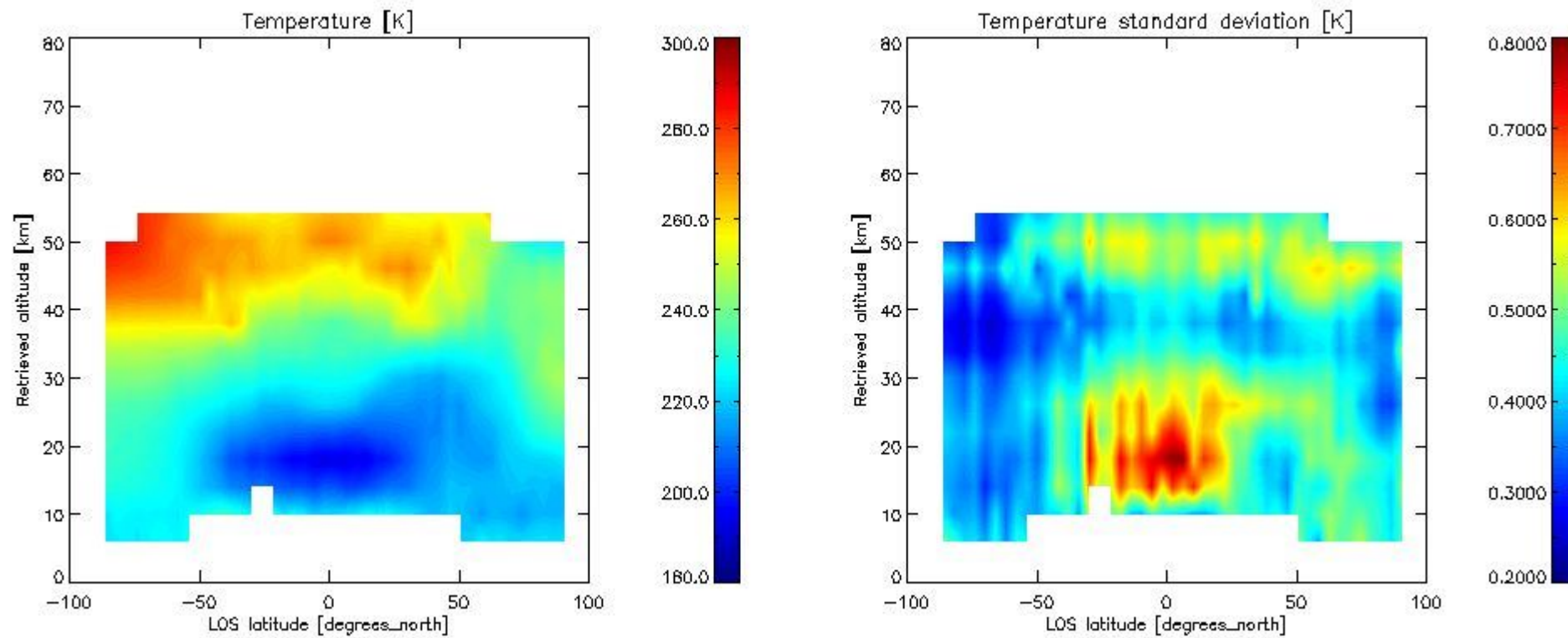
2.2.2 Pressure overview

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



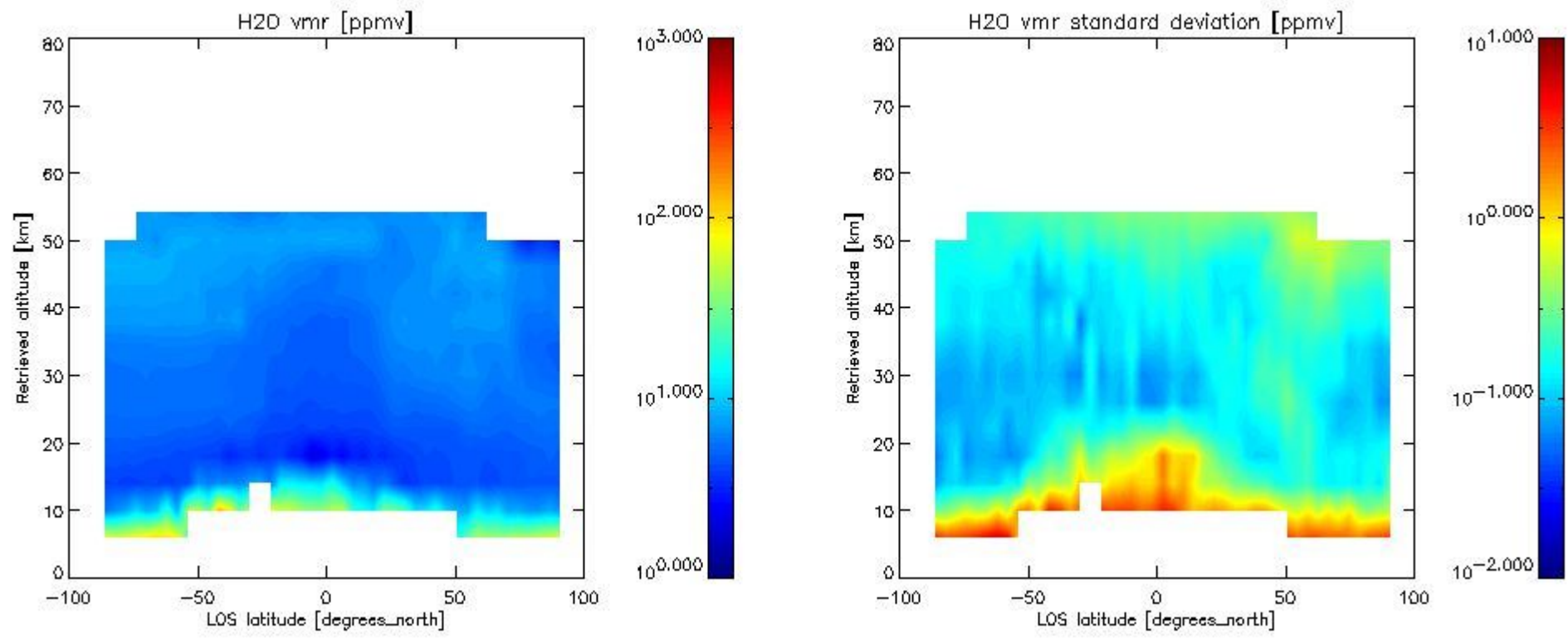
2.2.3 Temperature overview

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

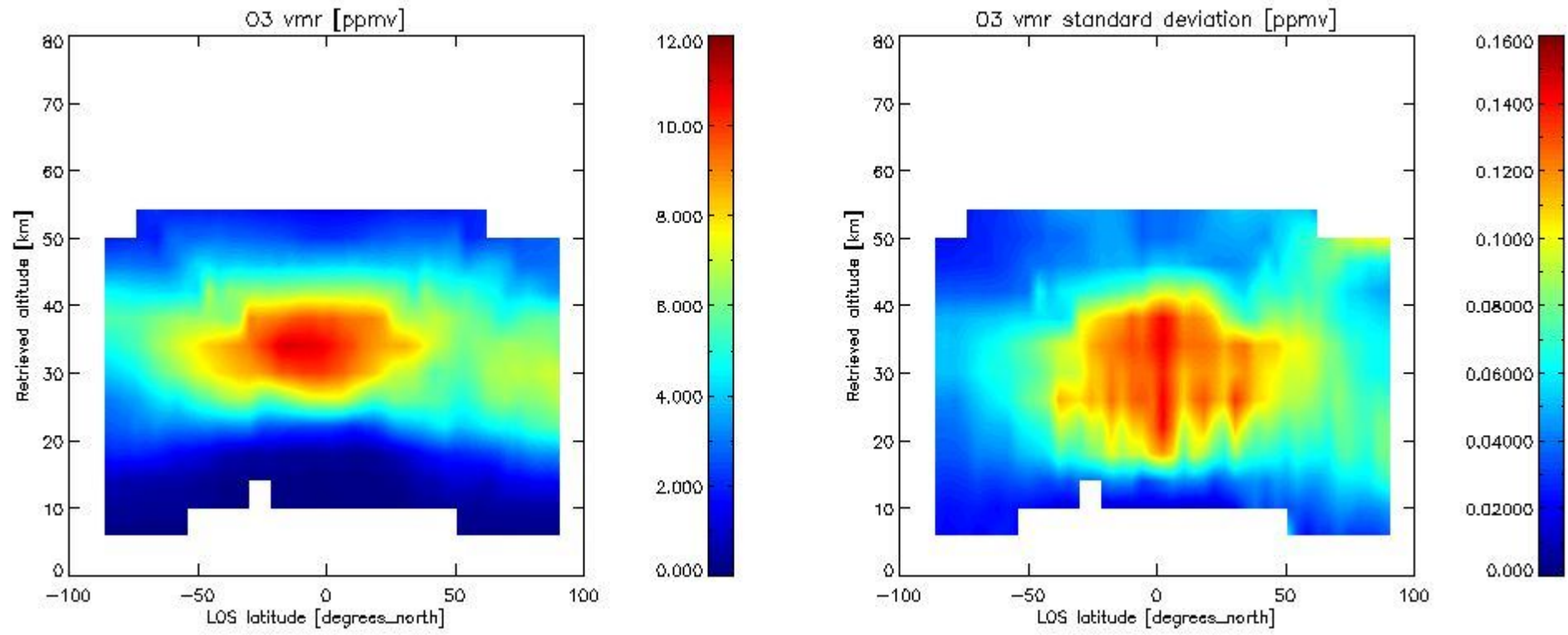


2.2.4 Species overview

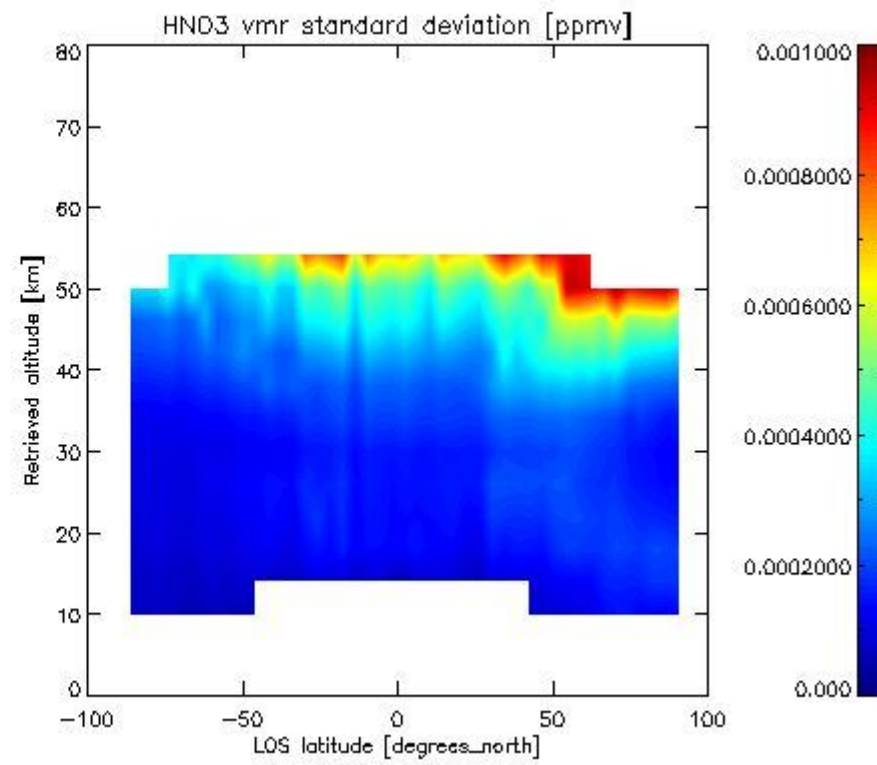
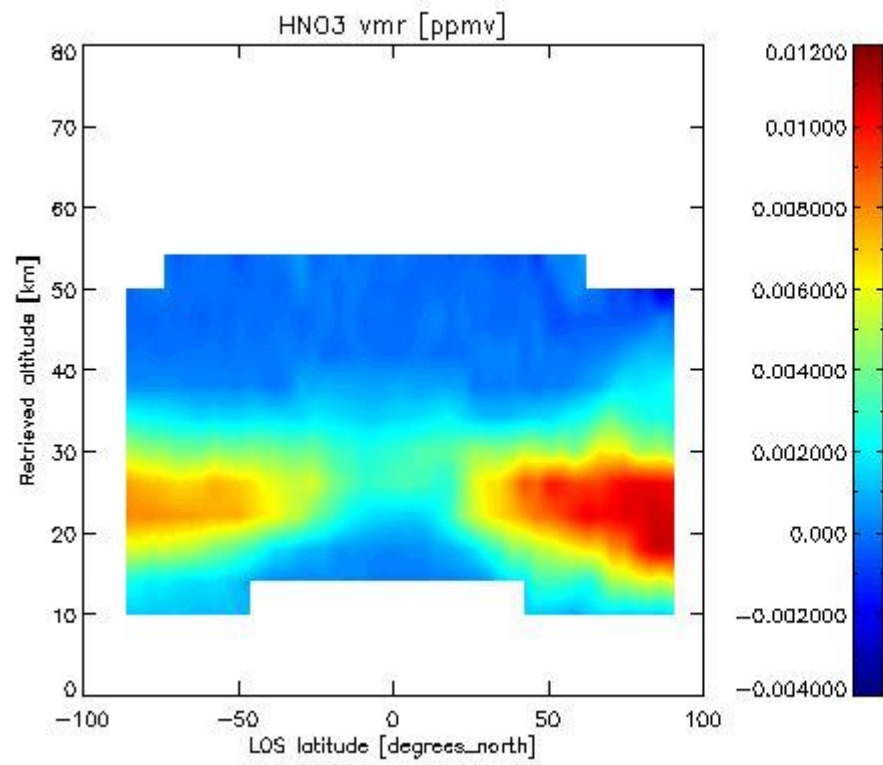
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



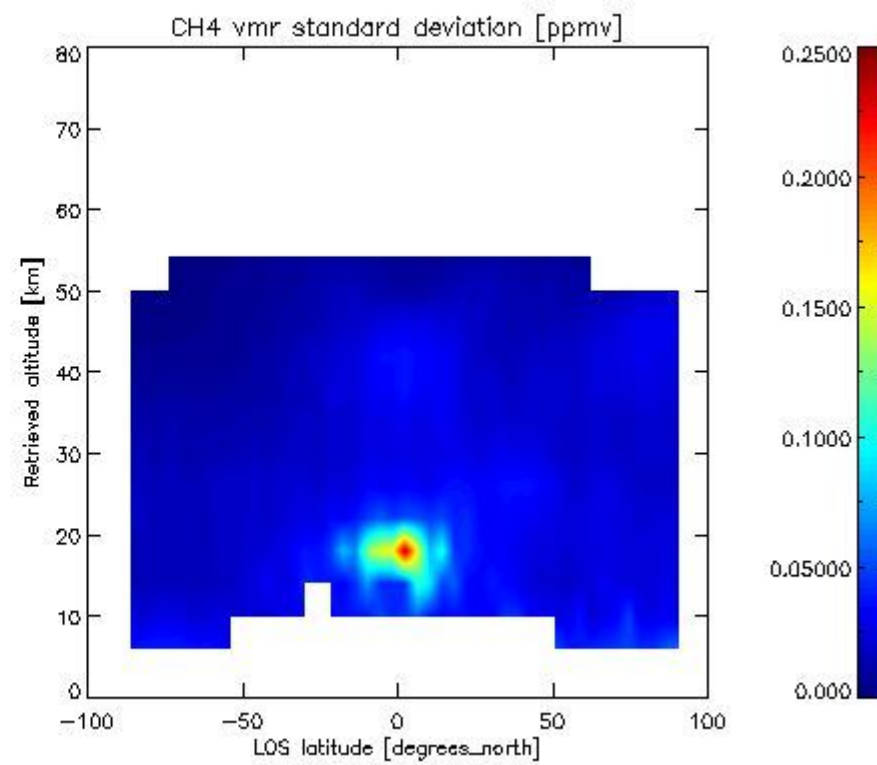
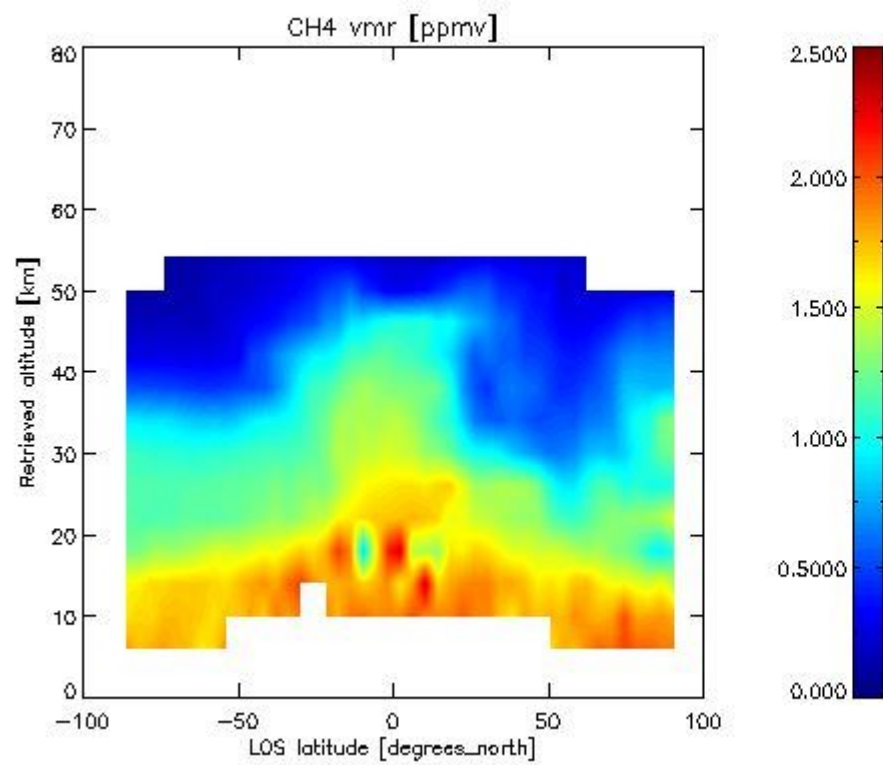
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



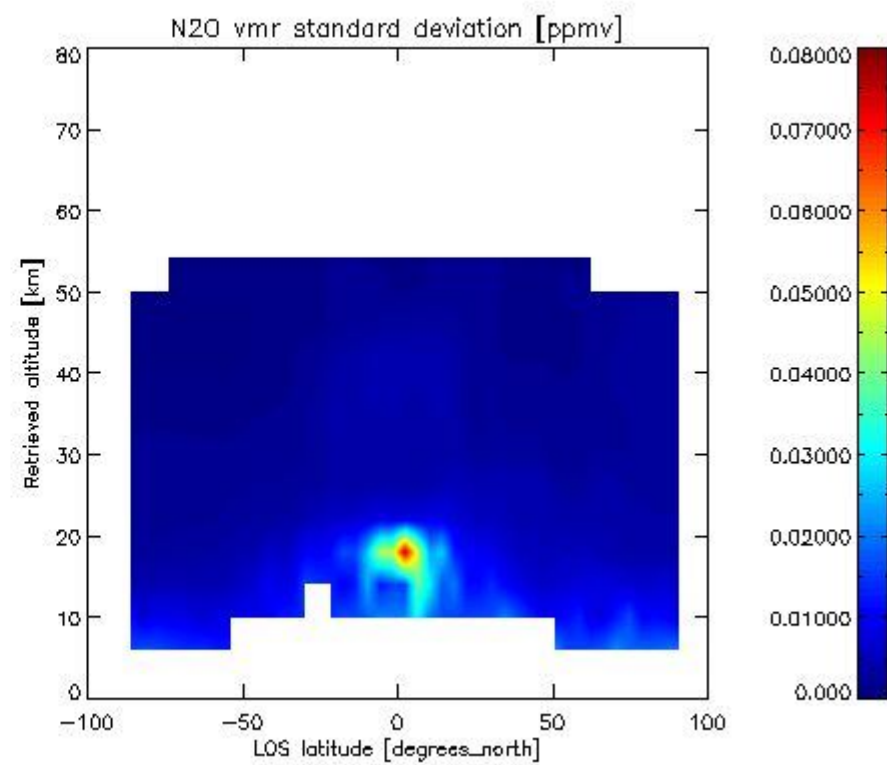
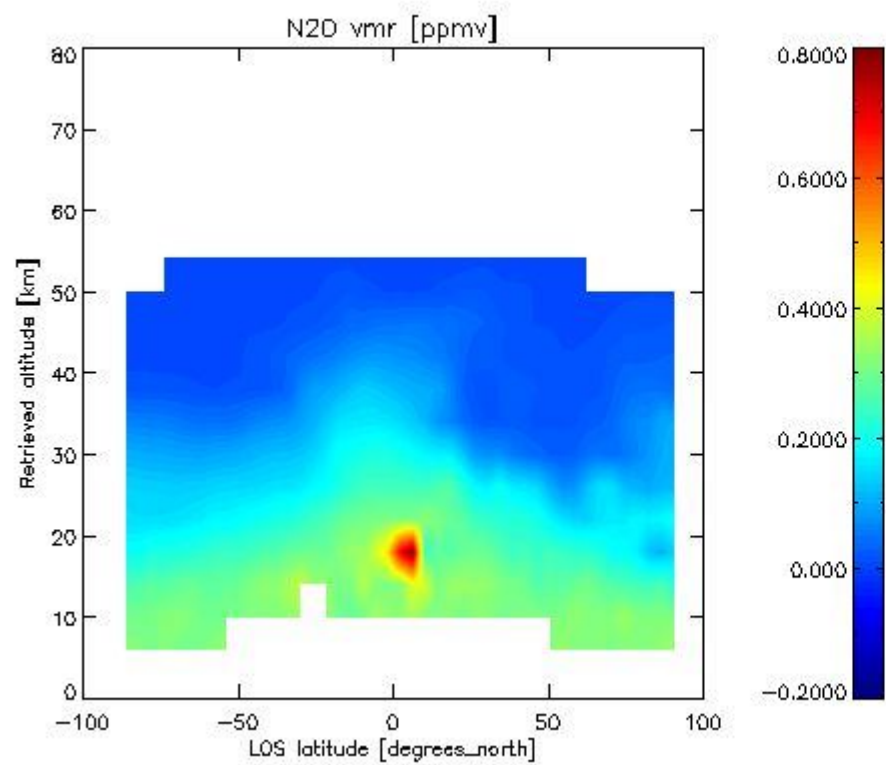
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



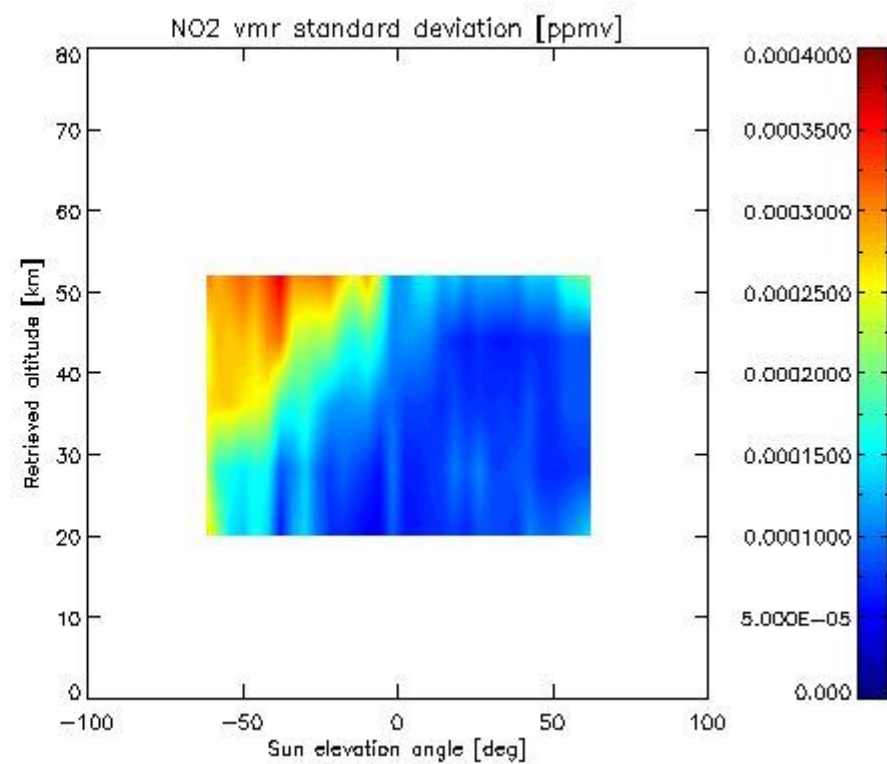
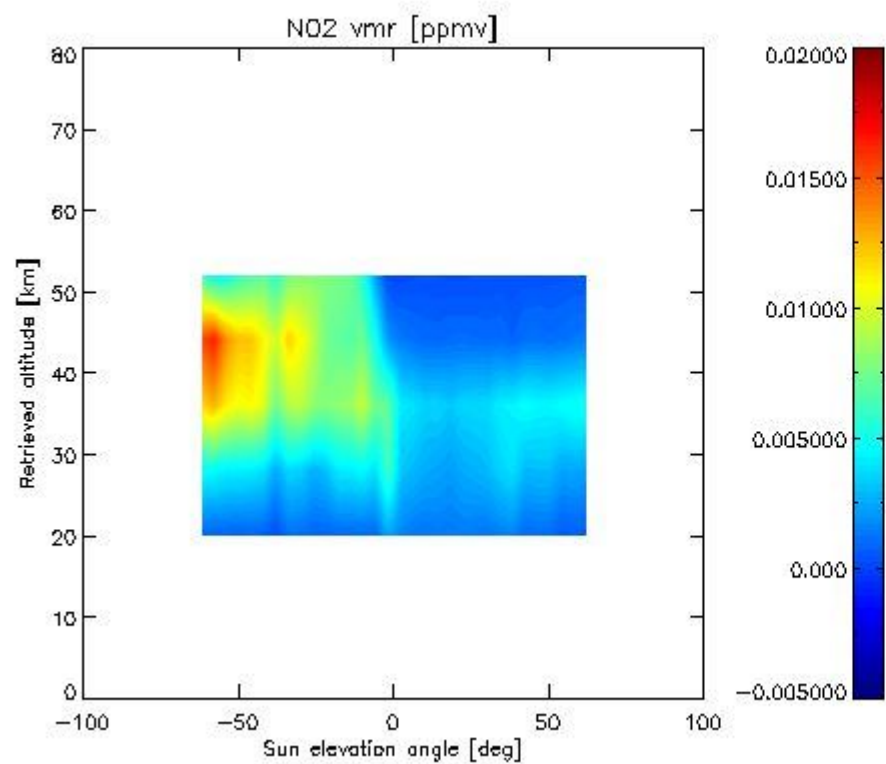
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



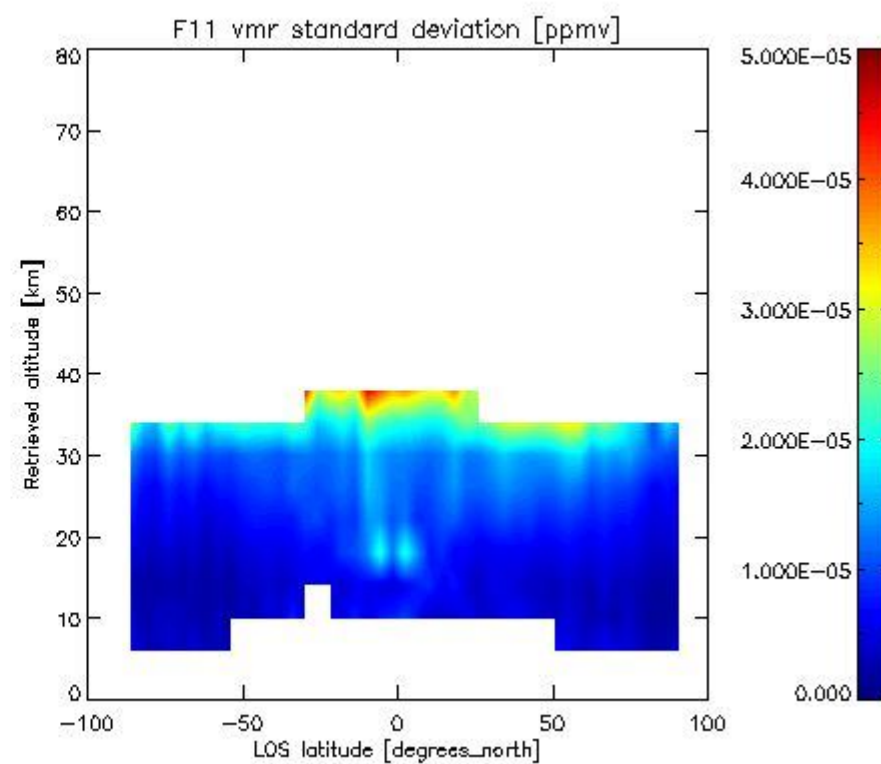
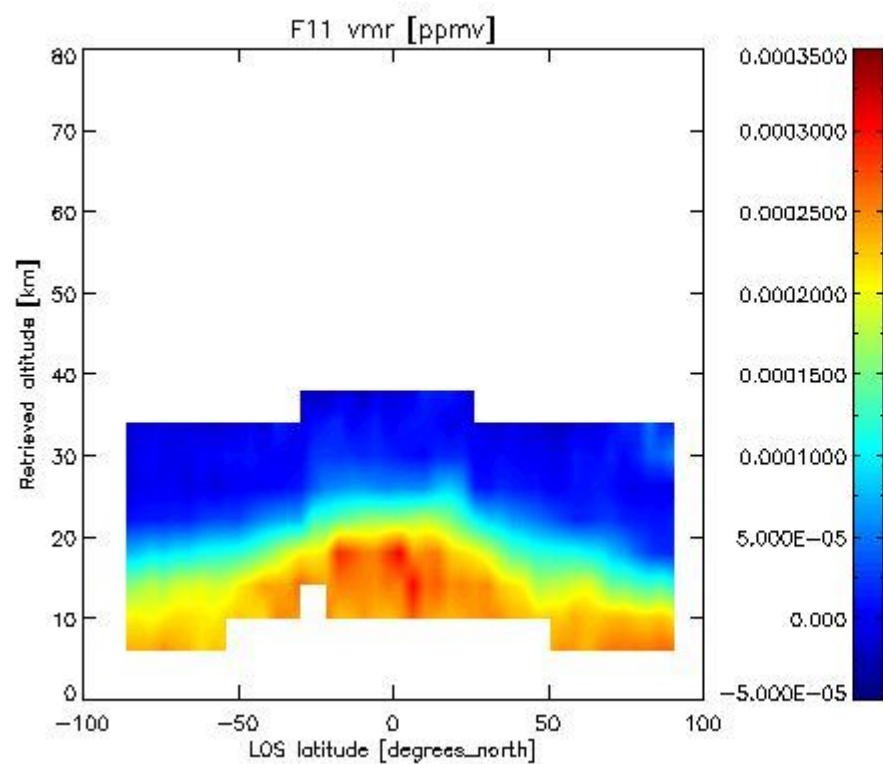
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



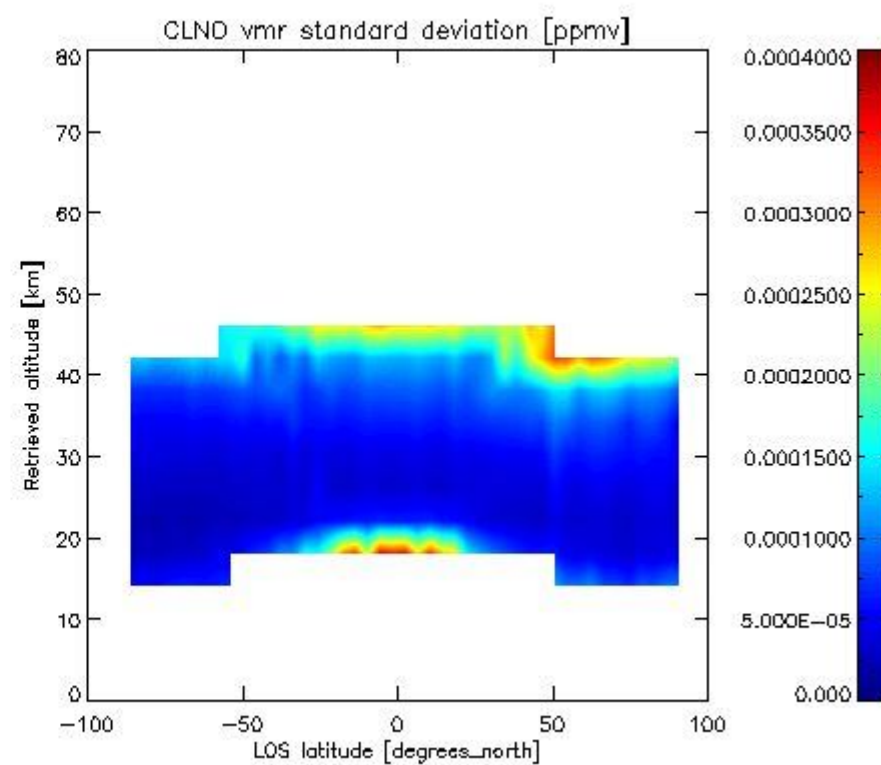
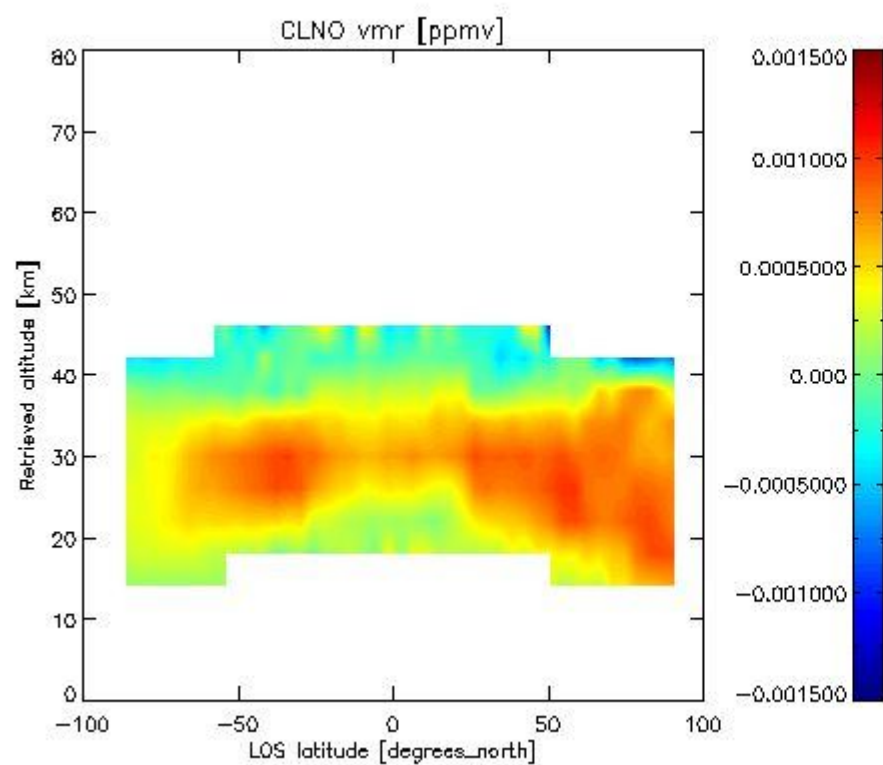
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

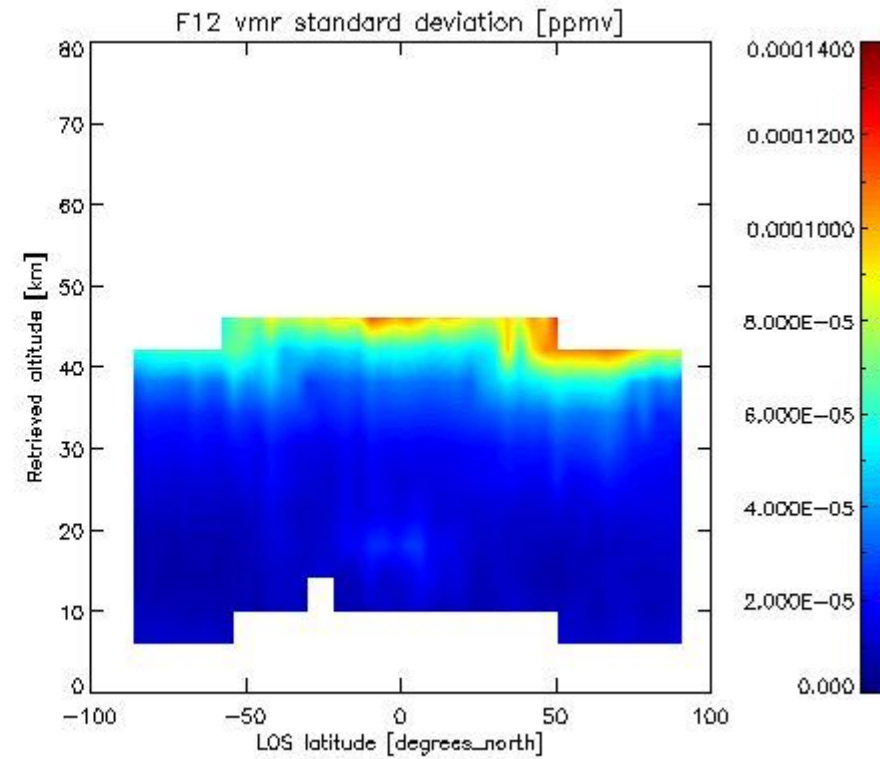
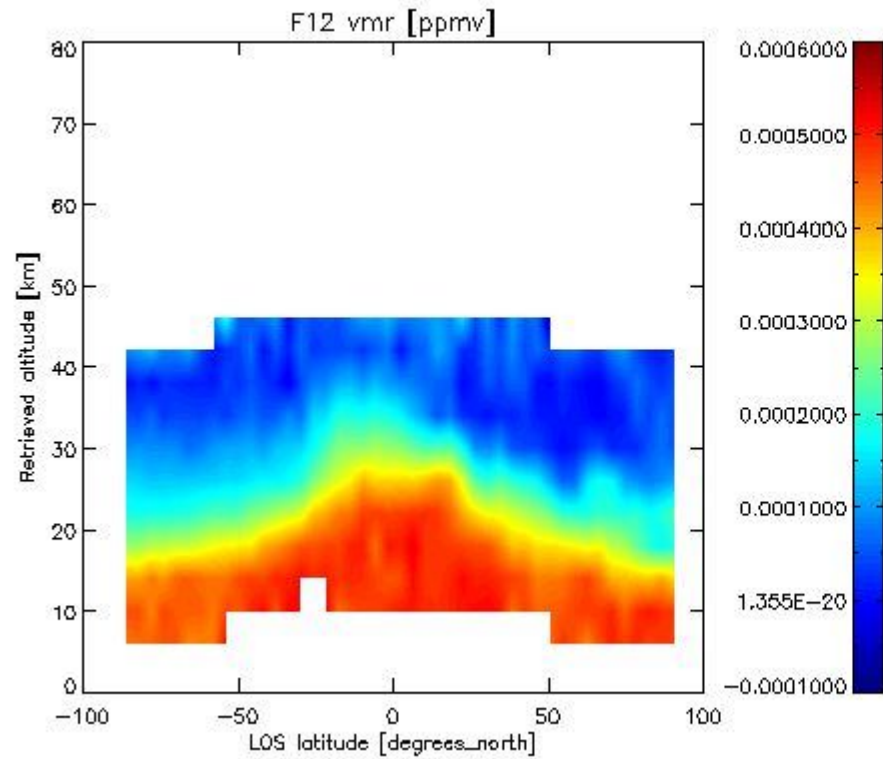
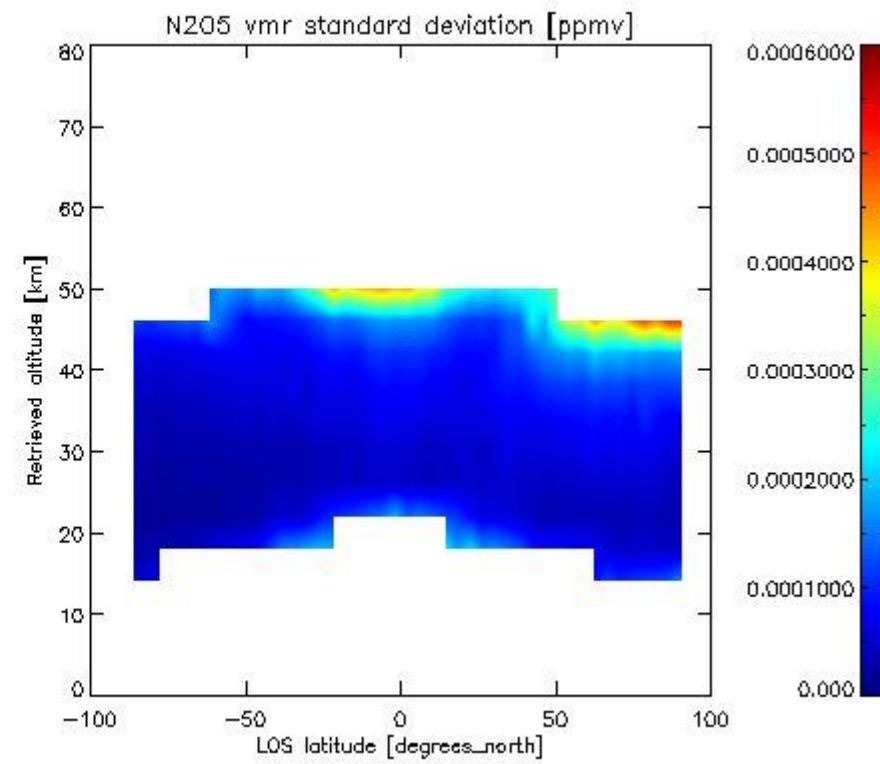
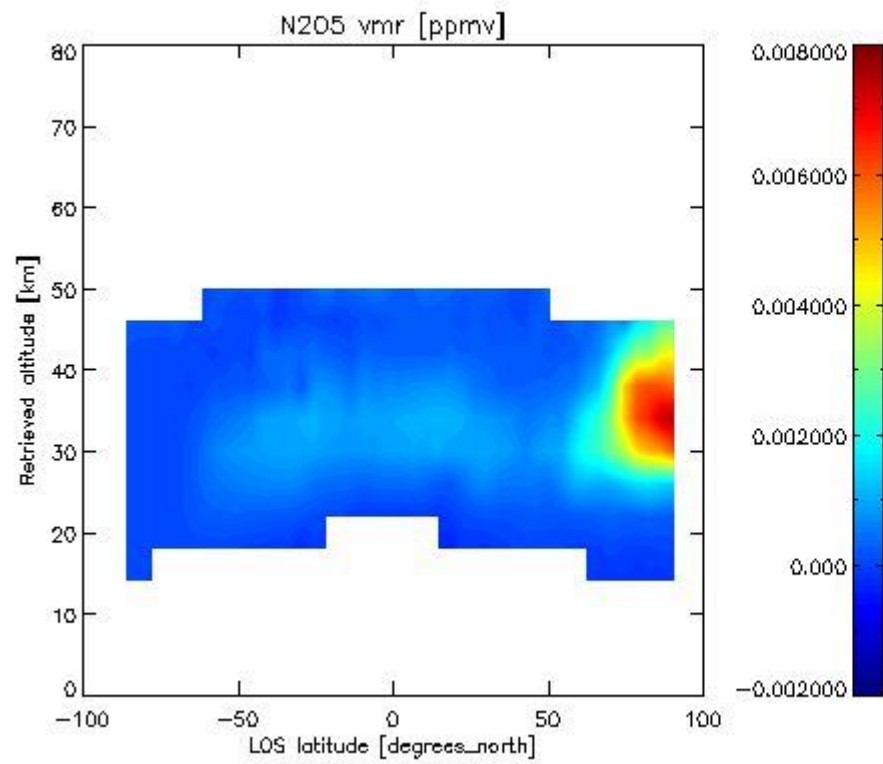


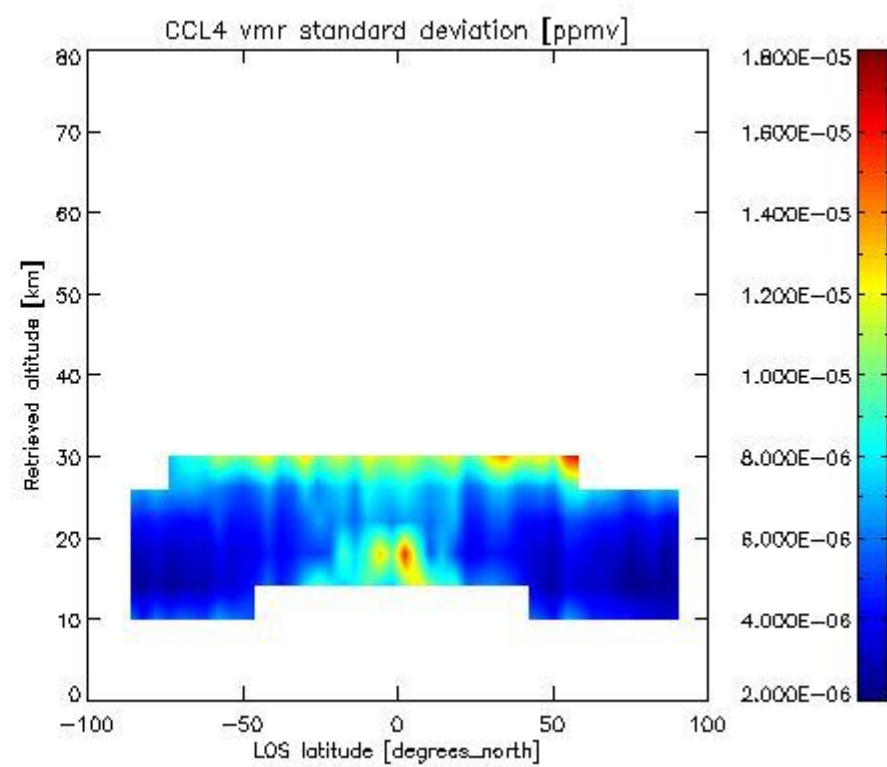
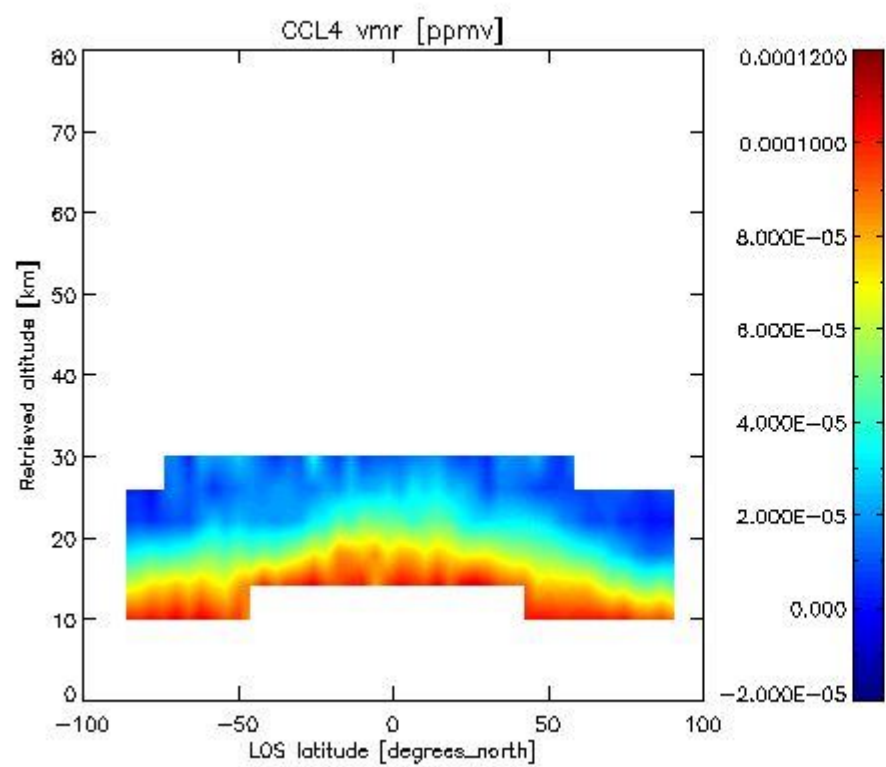
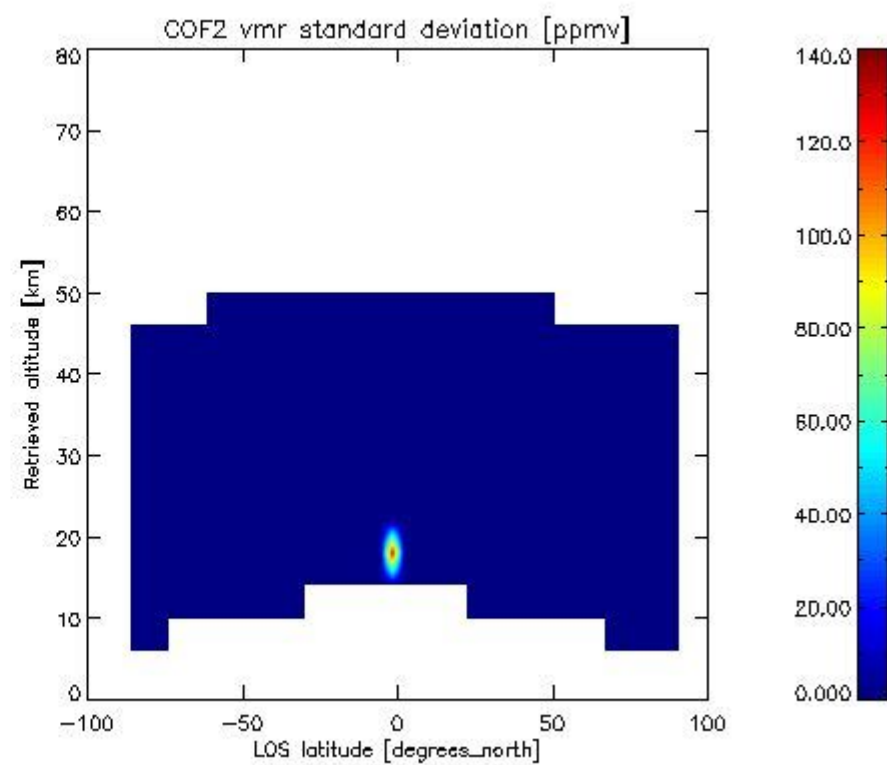
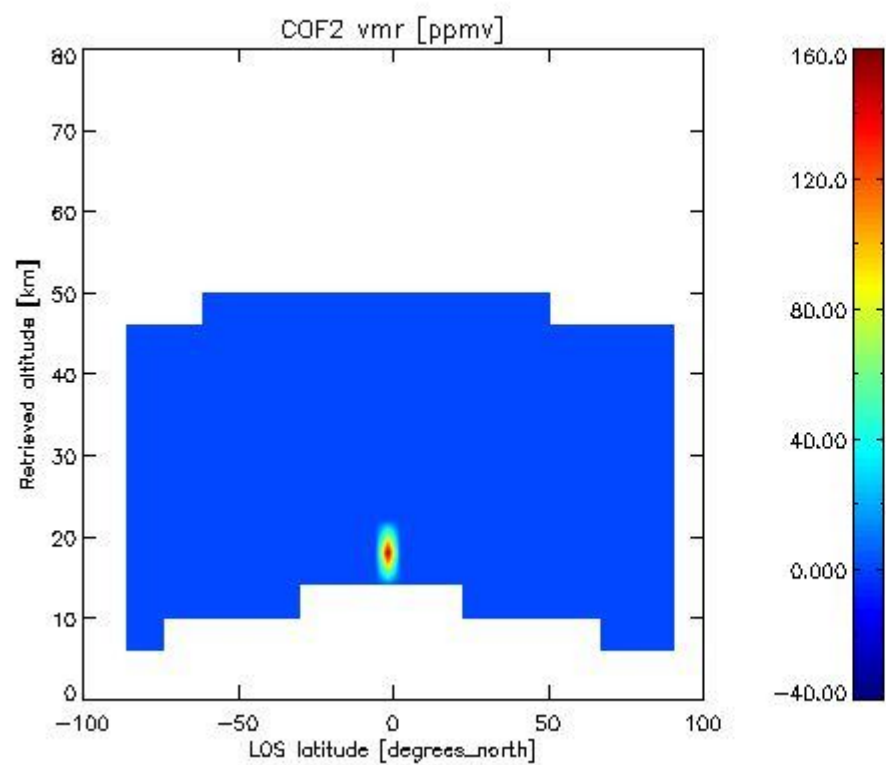
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

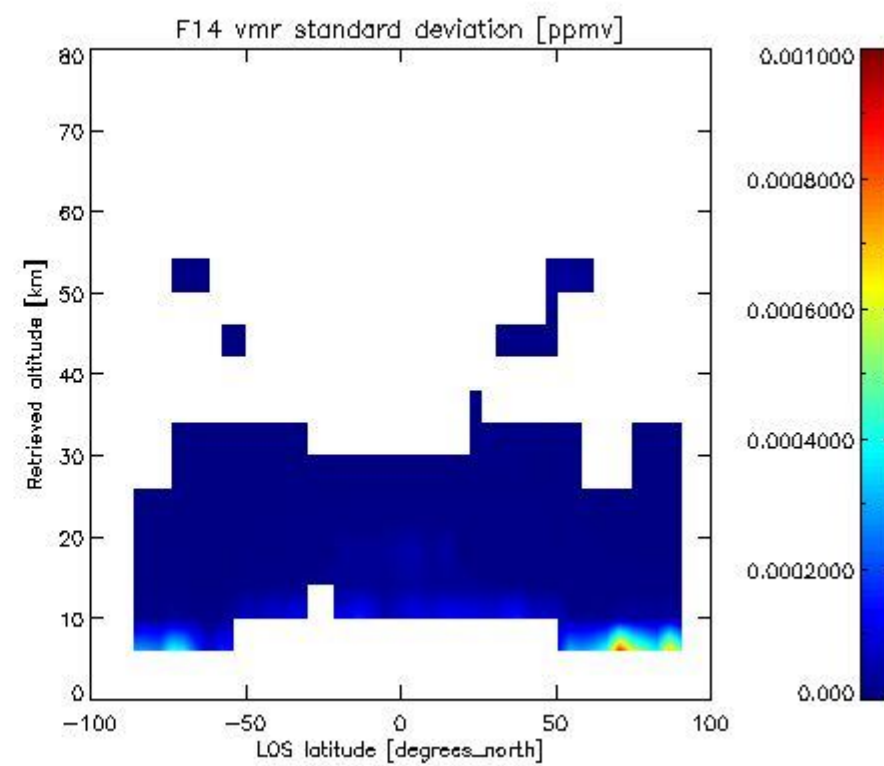
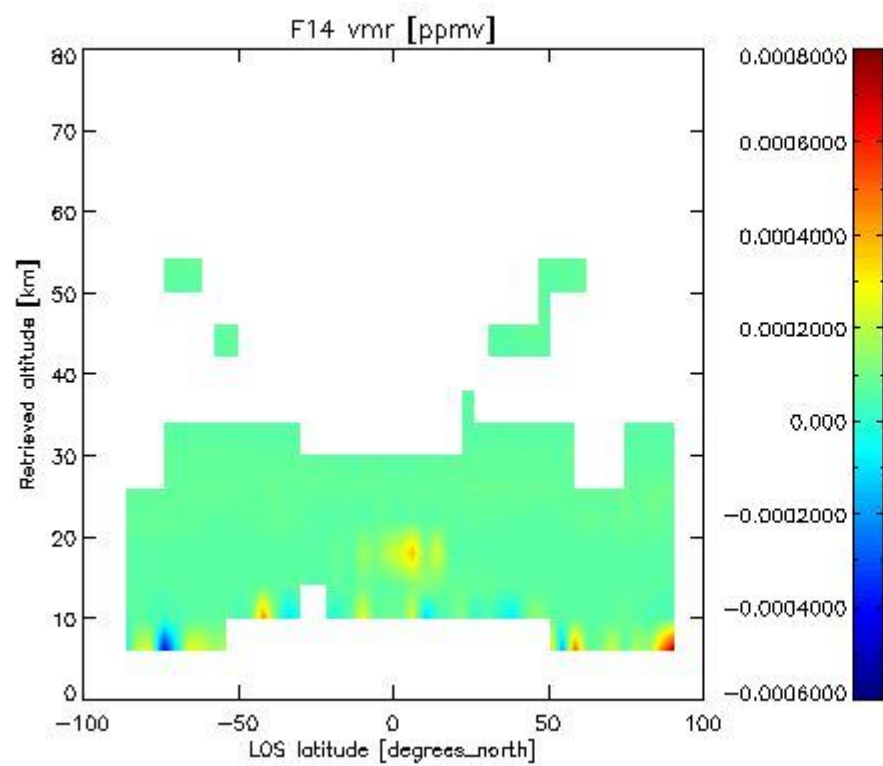
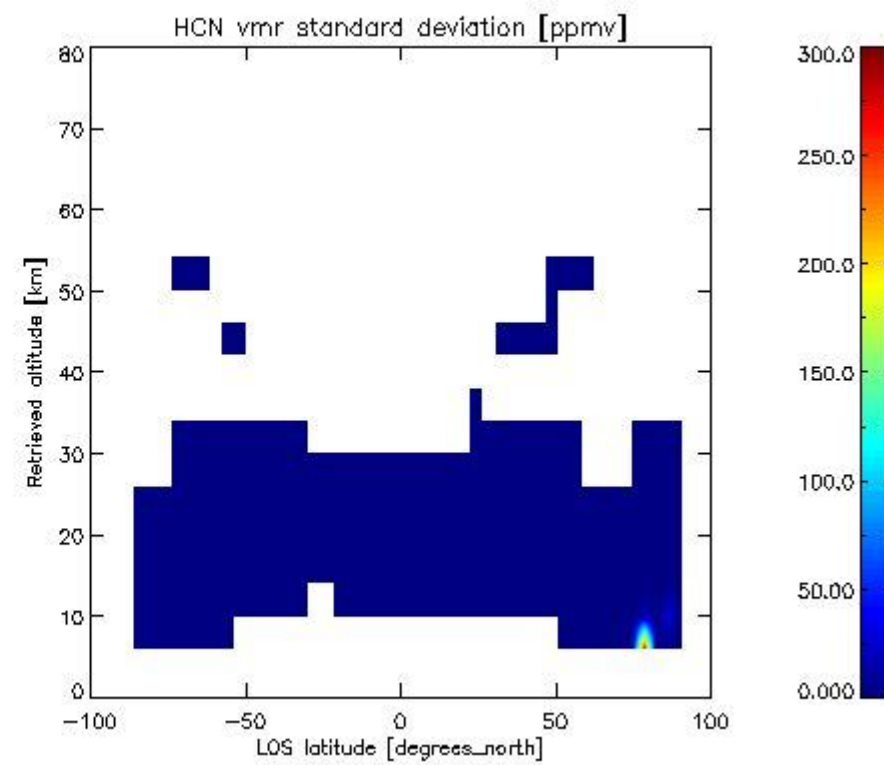
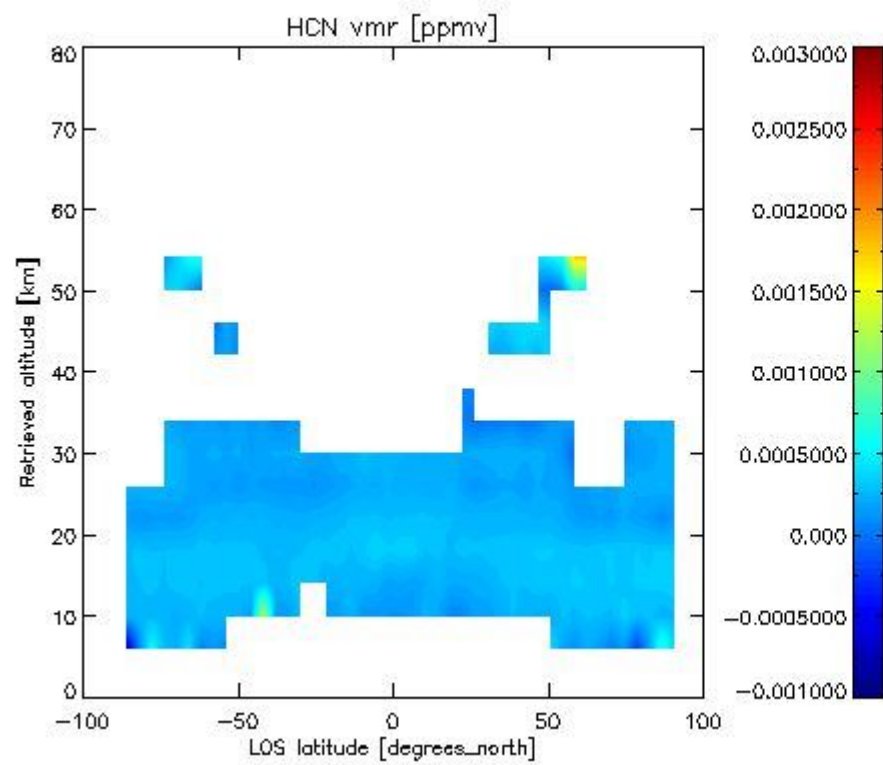


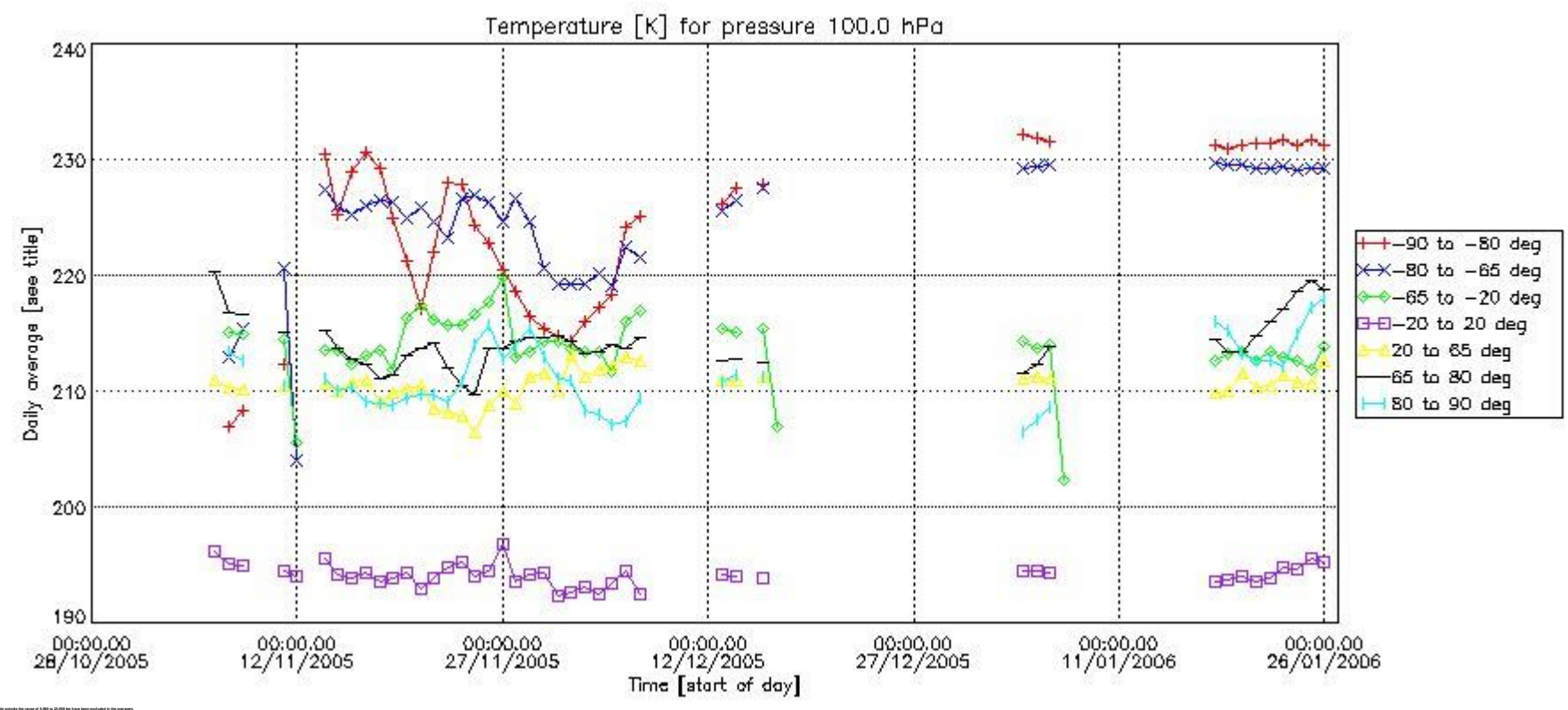
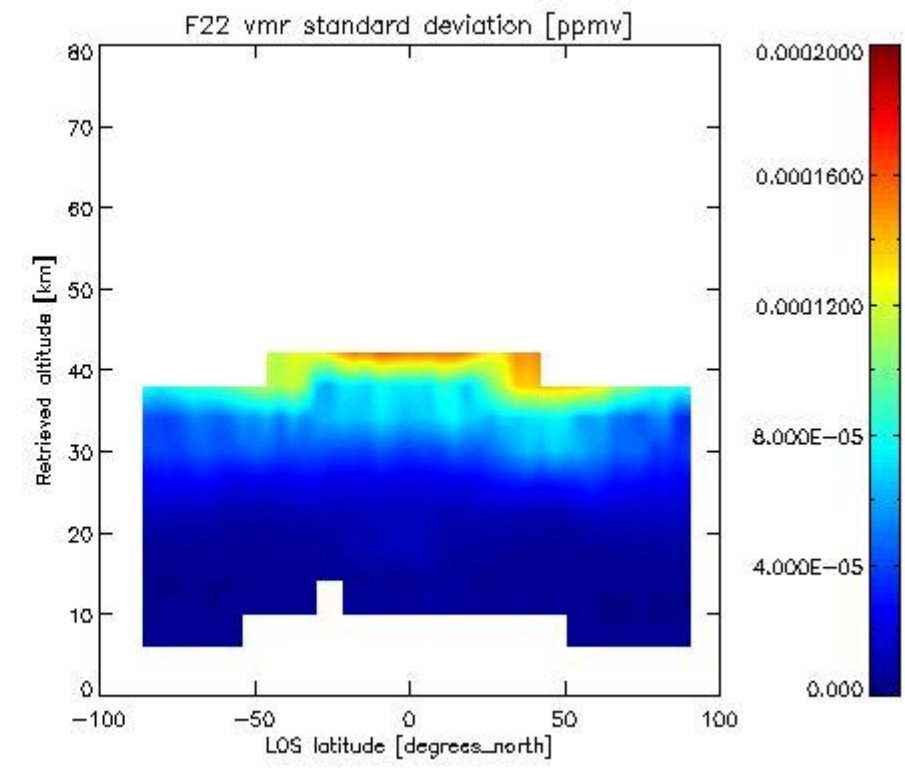
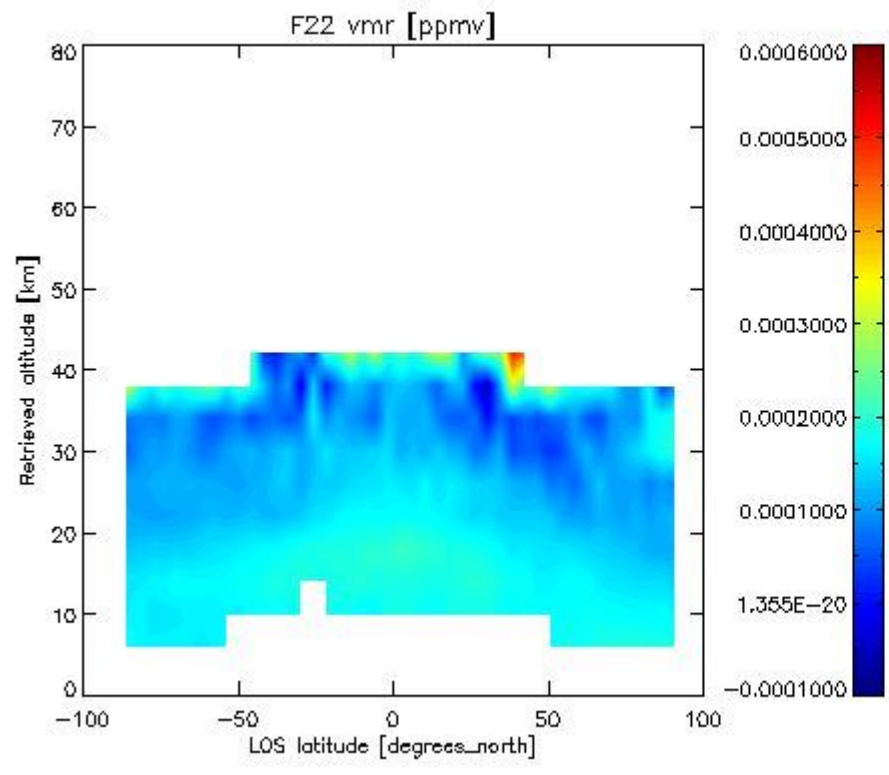
2.3.4 CLNO overview: This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

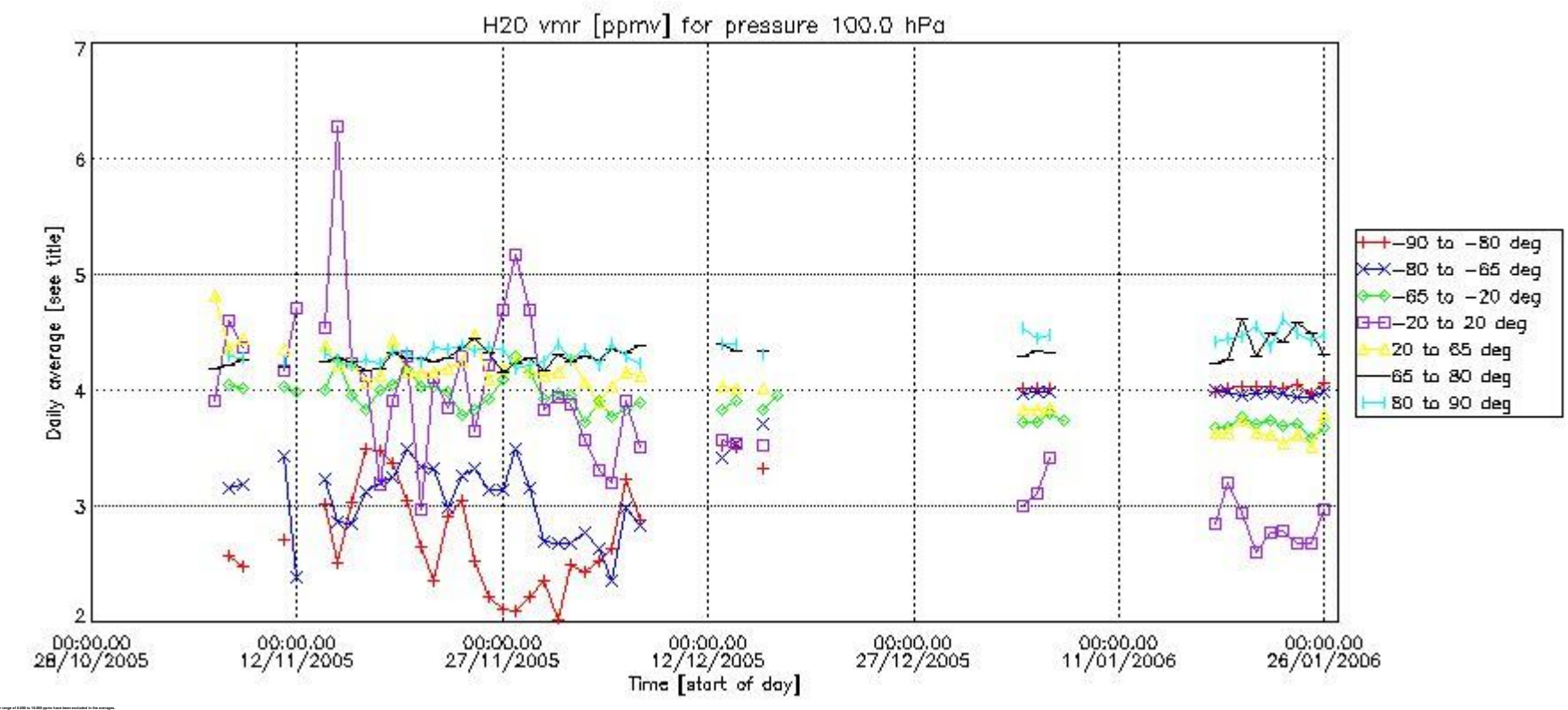
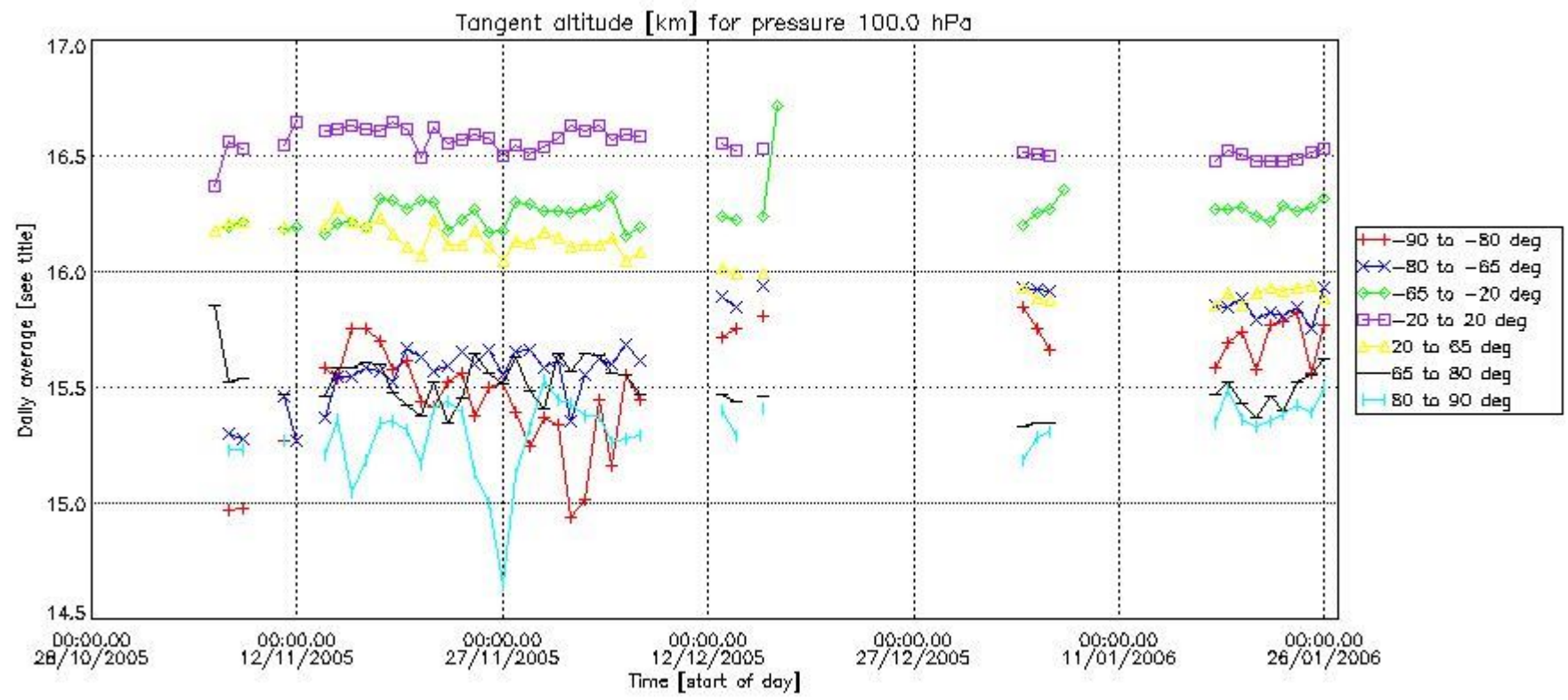


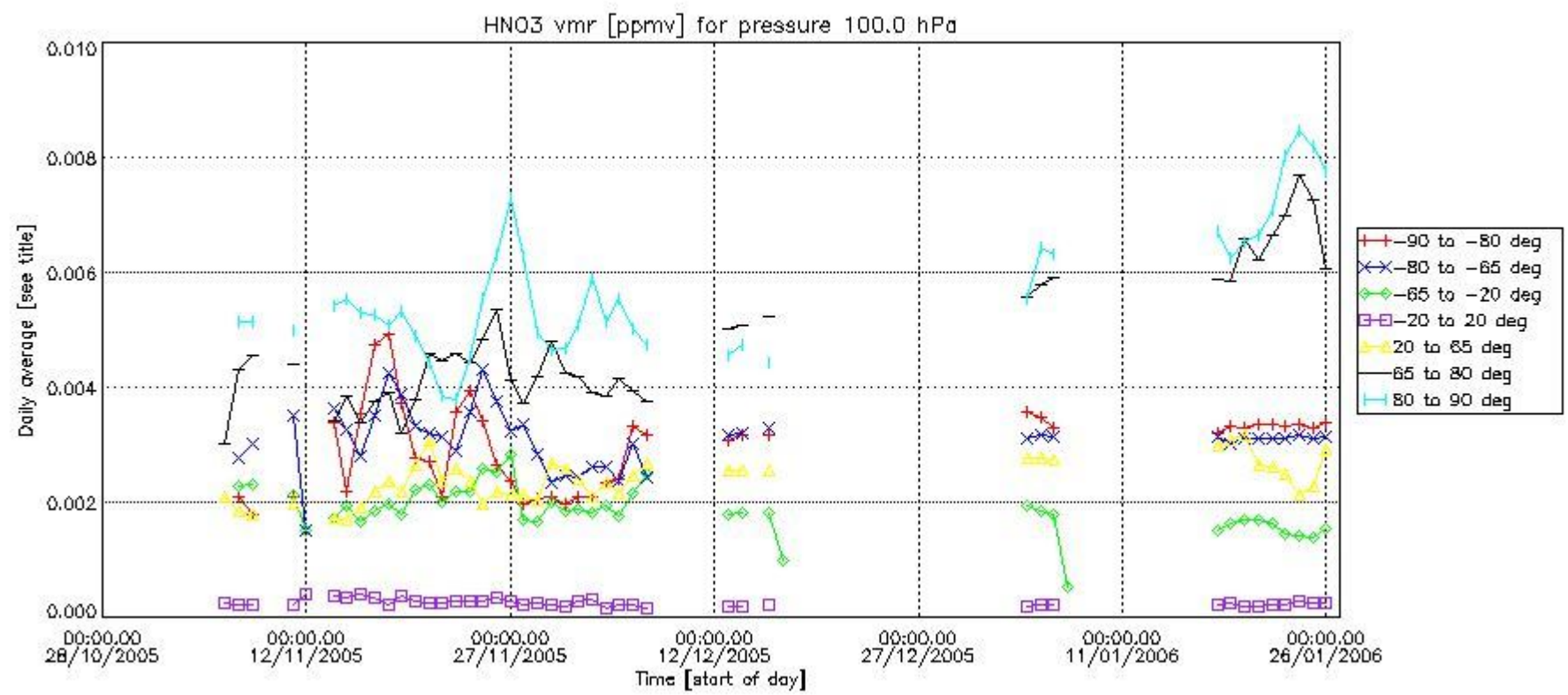
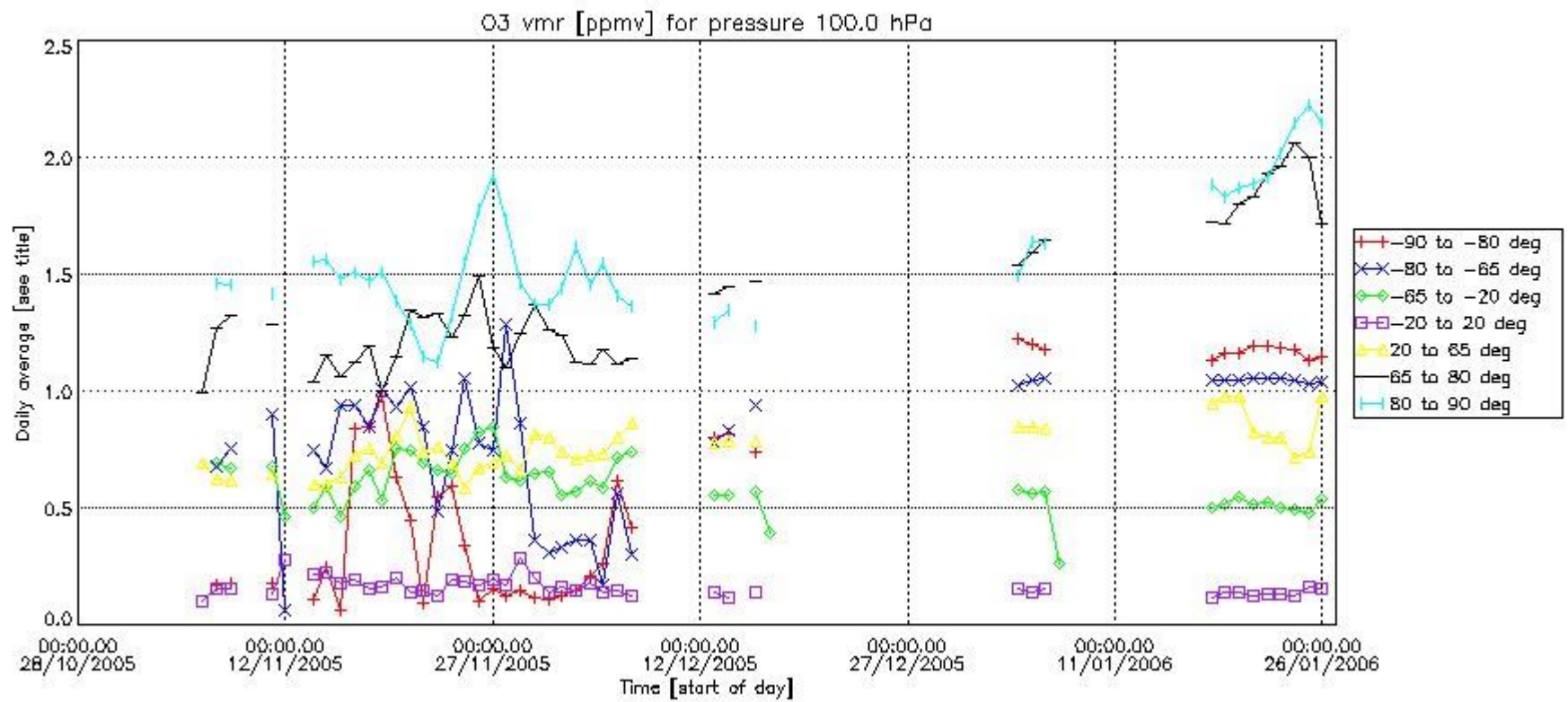


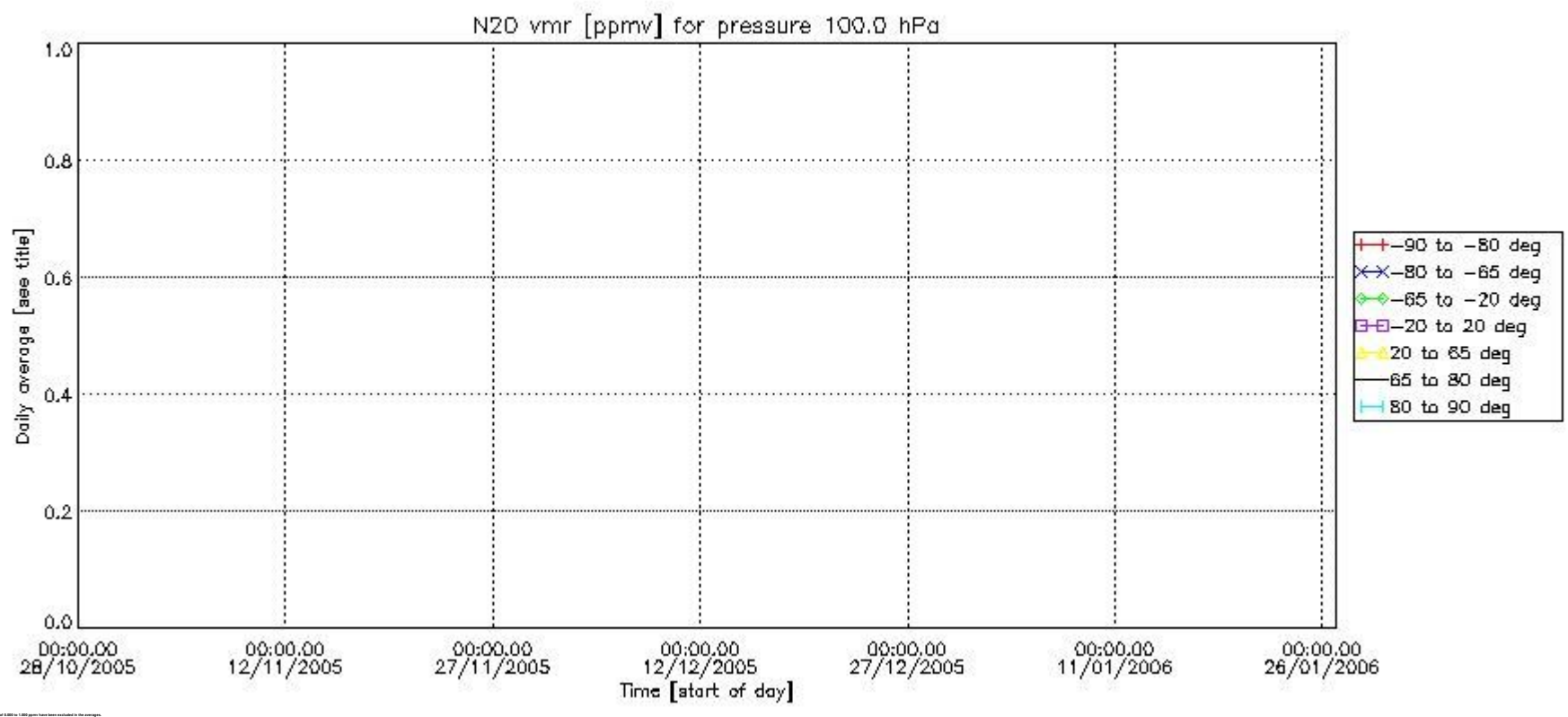
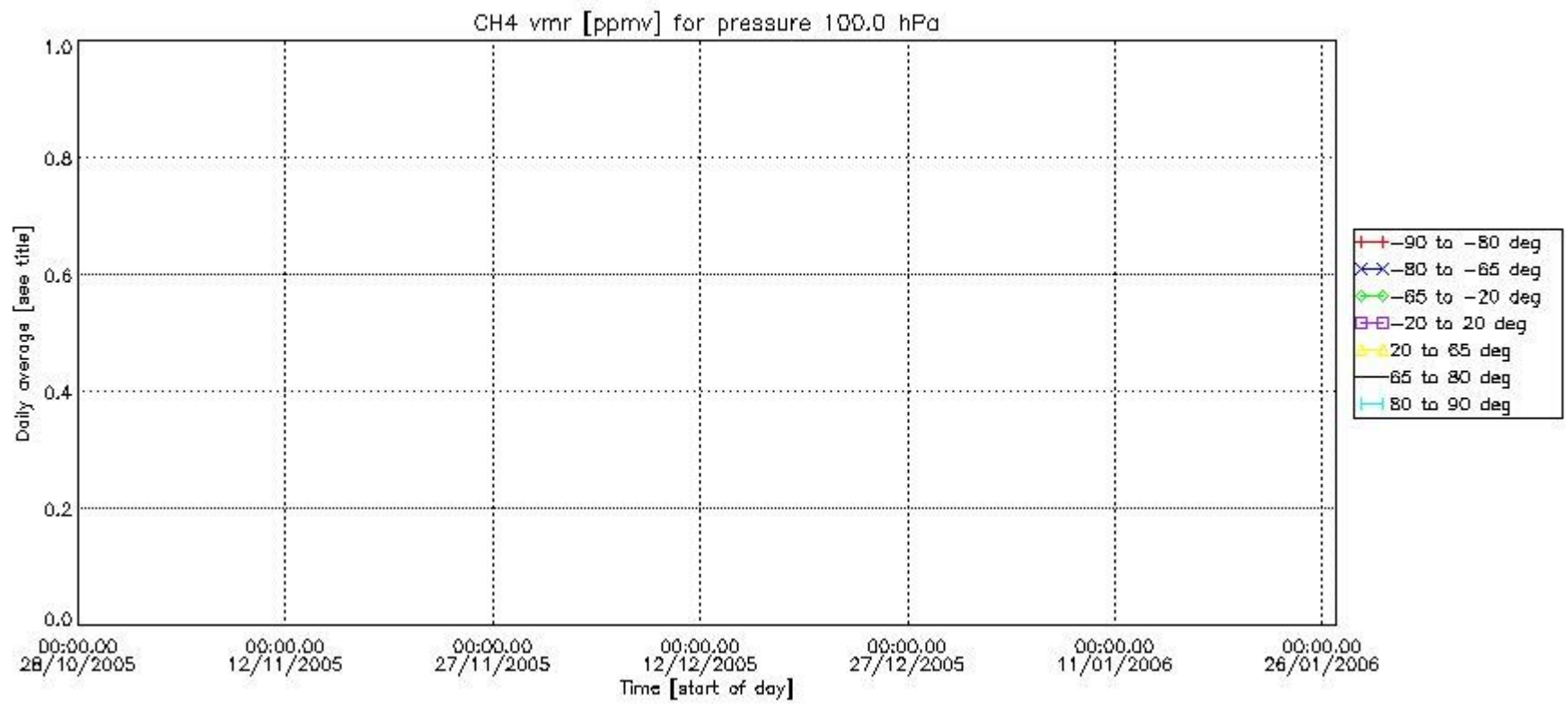


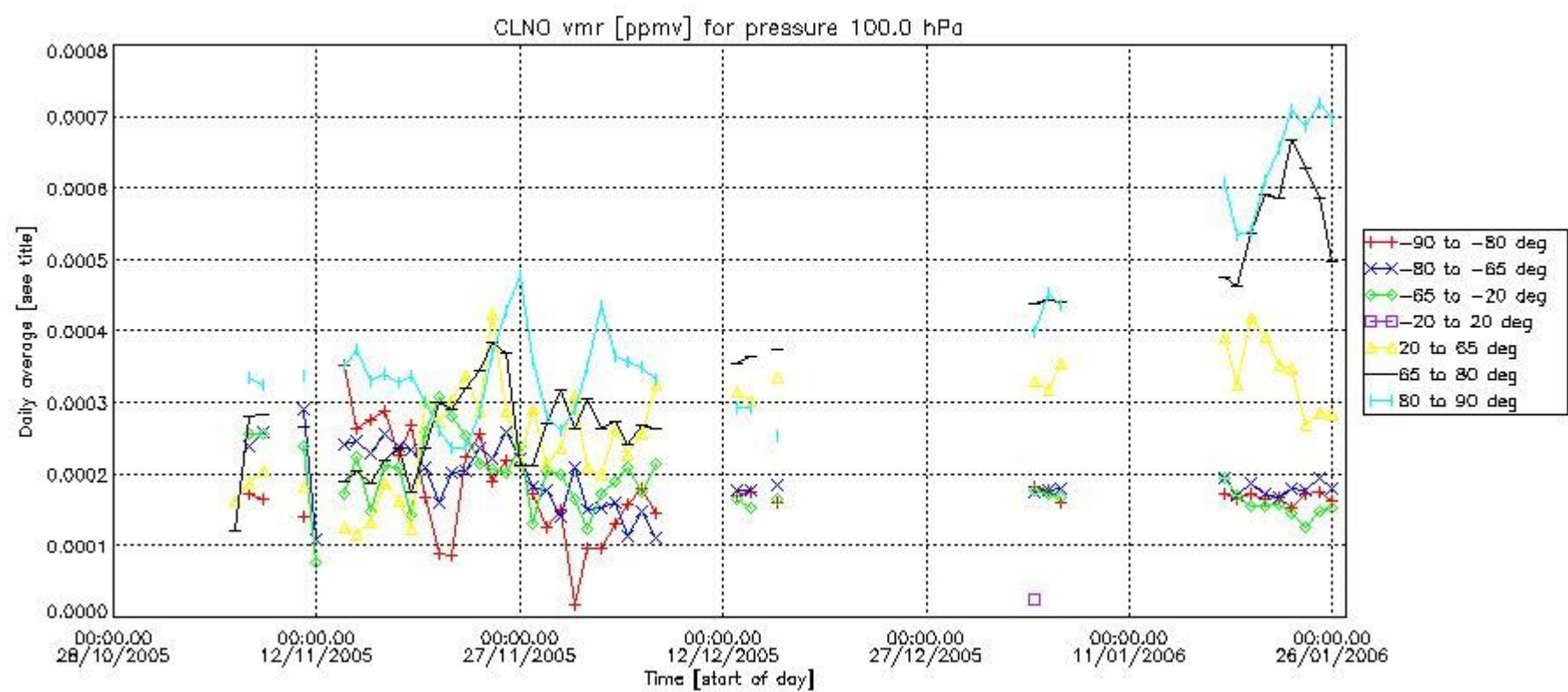
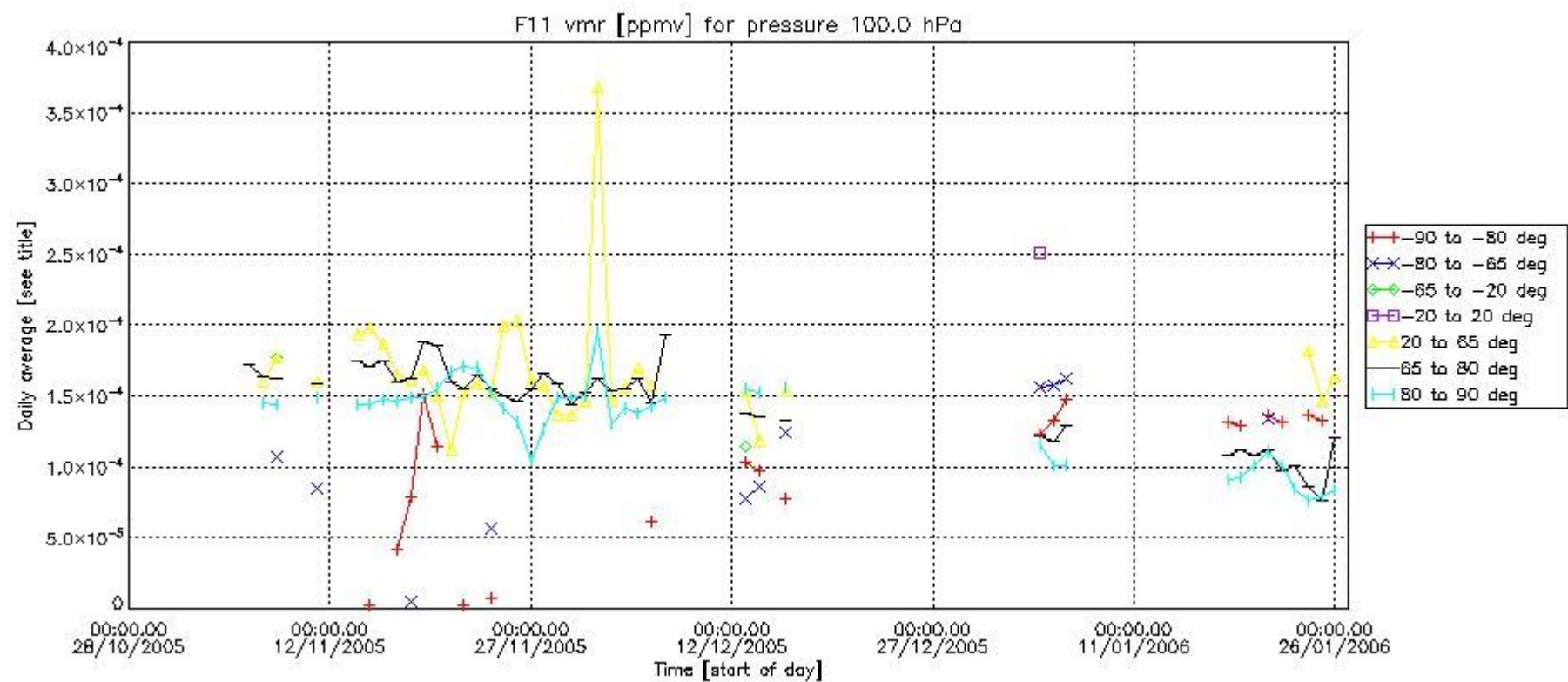


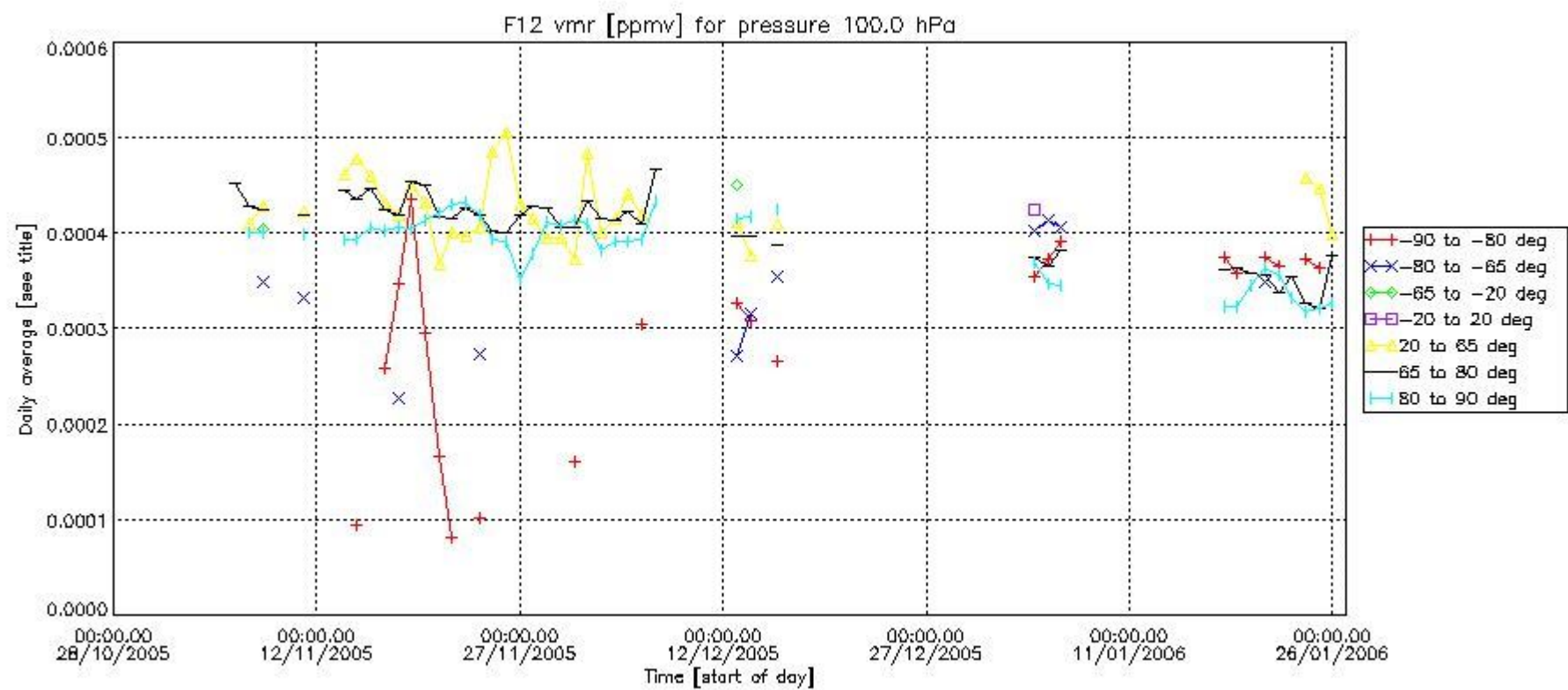
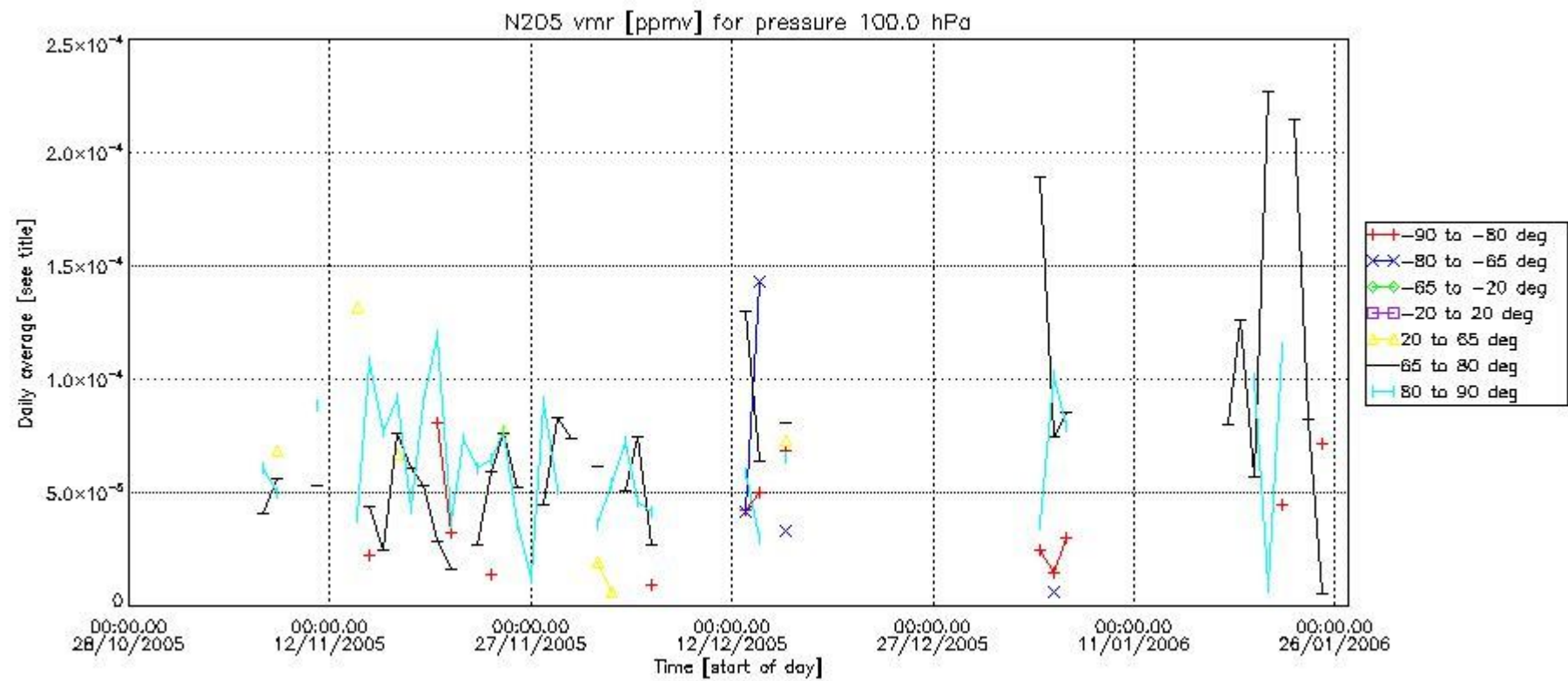


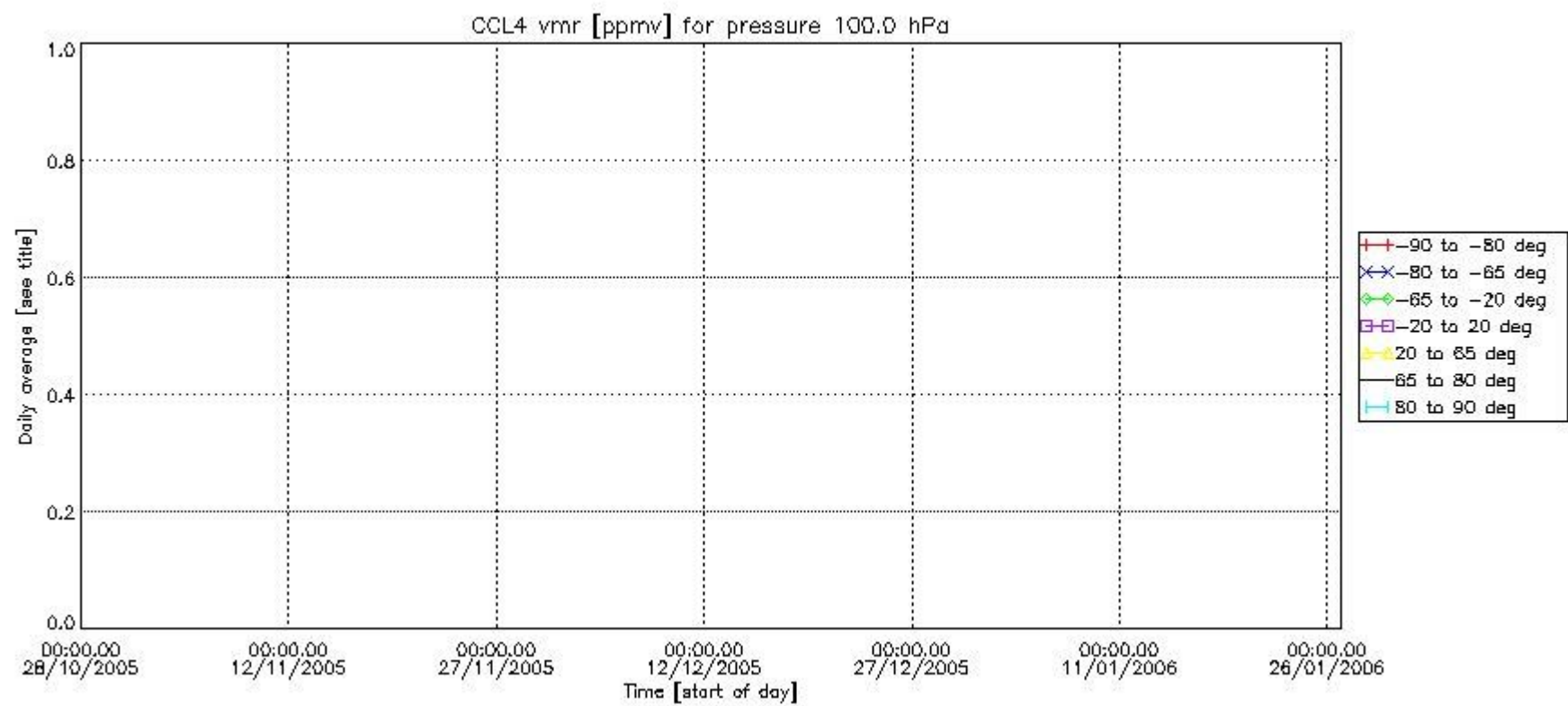
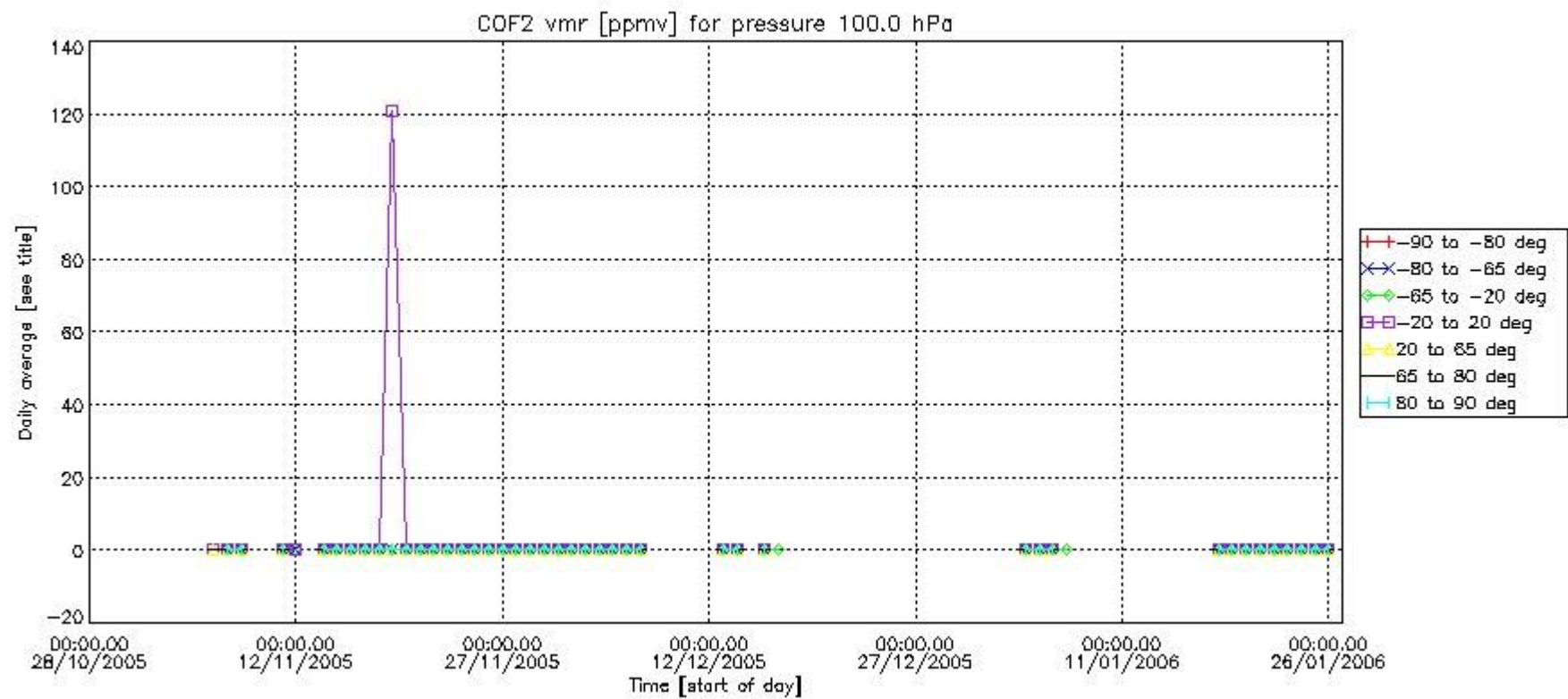


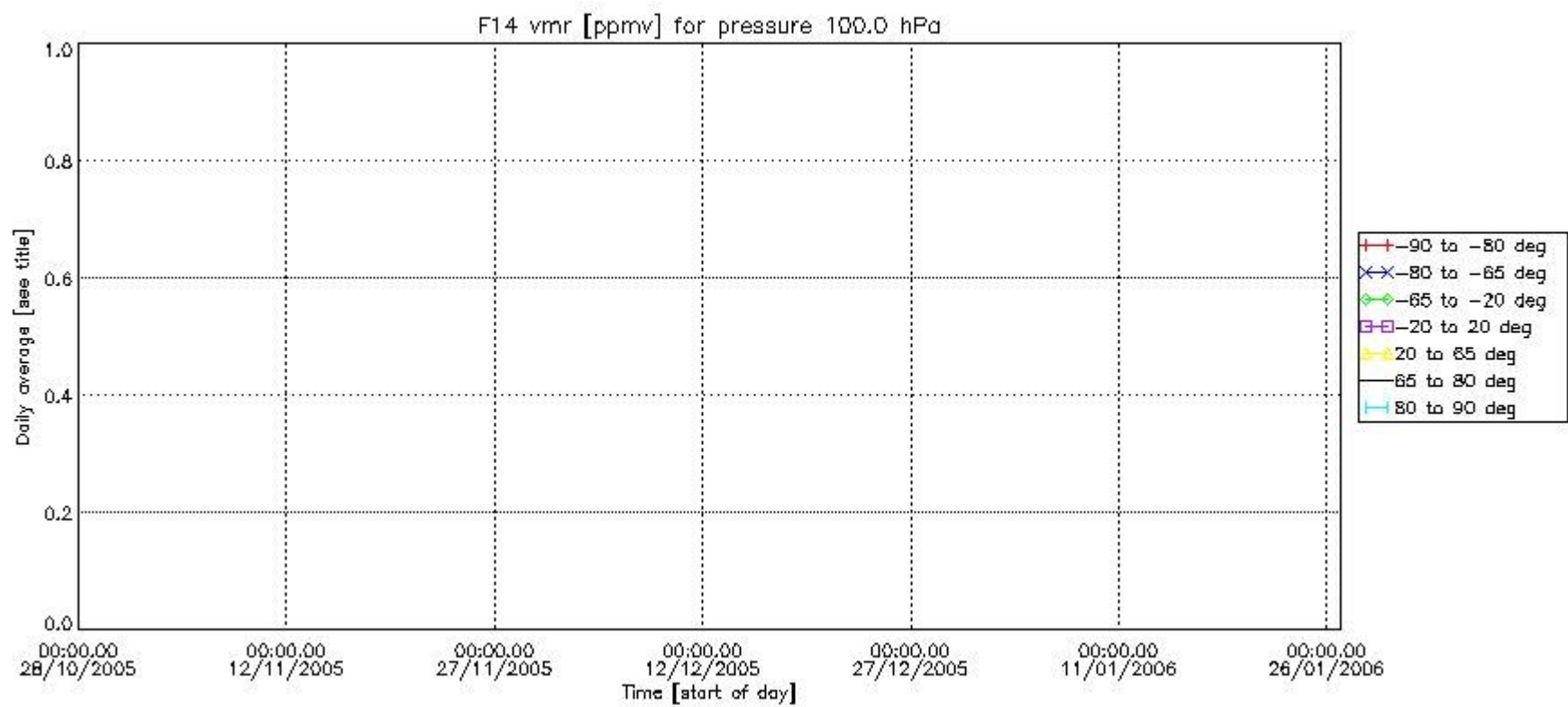
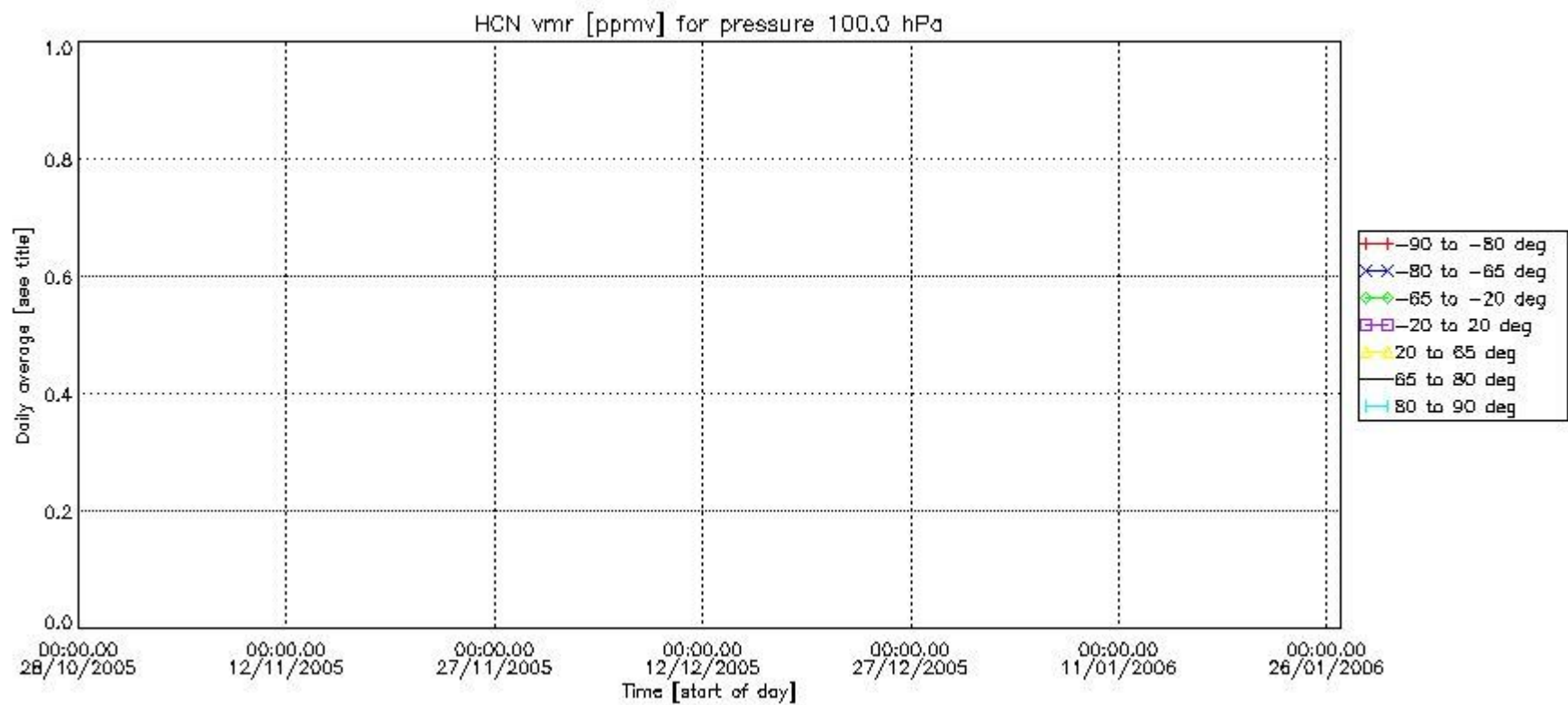


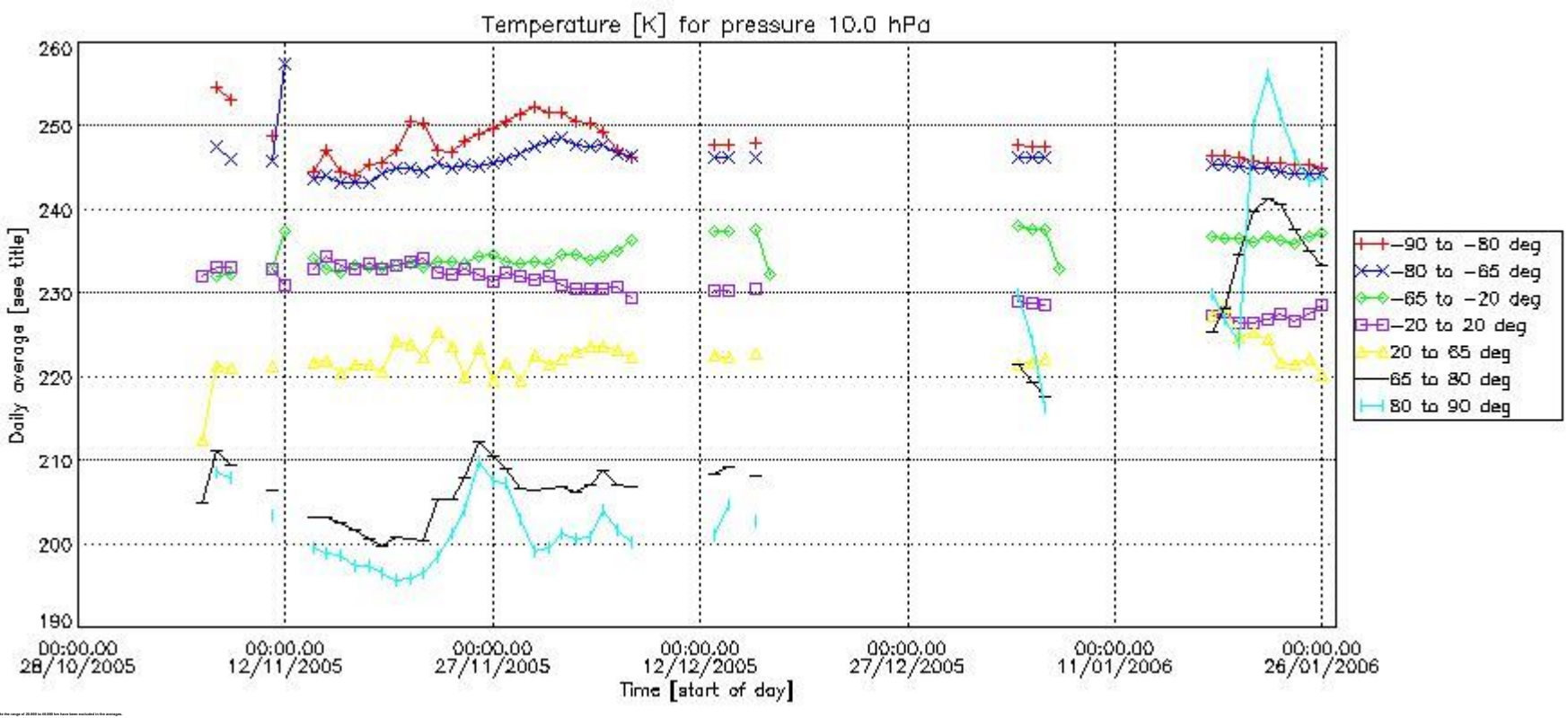
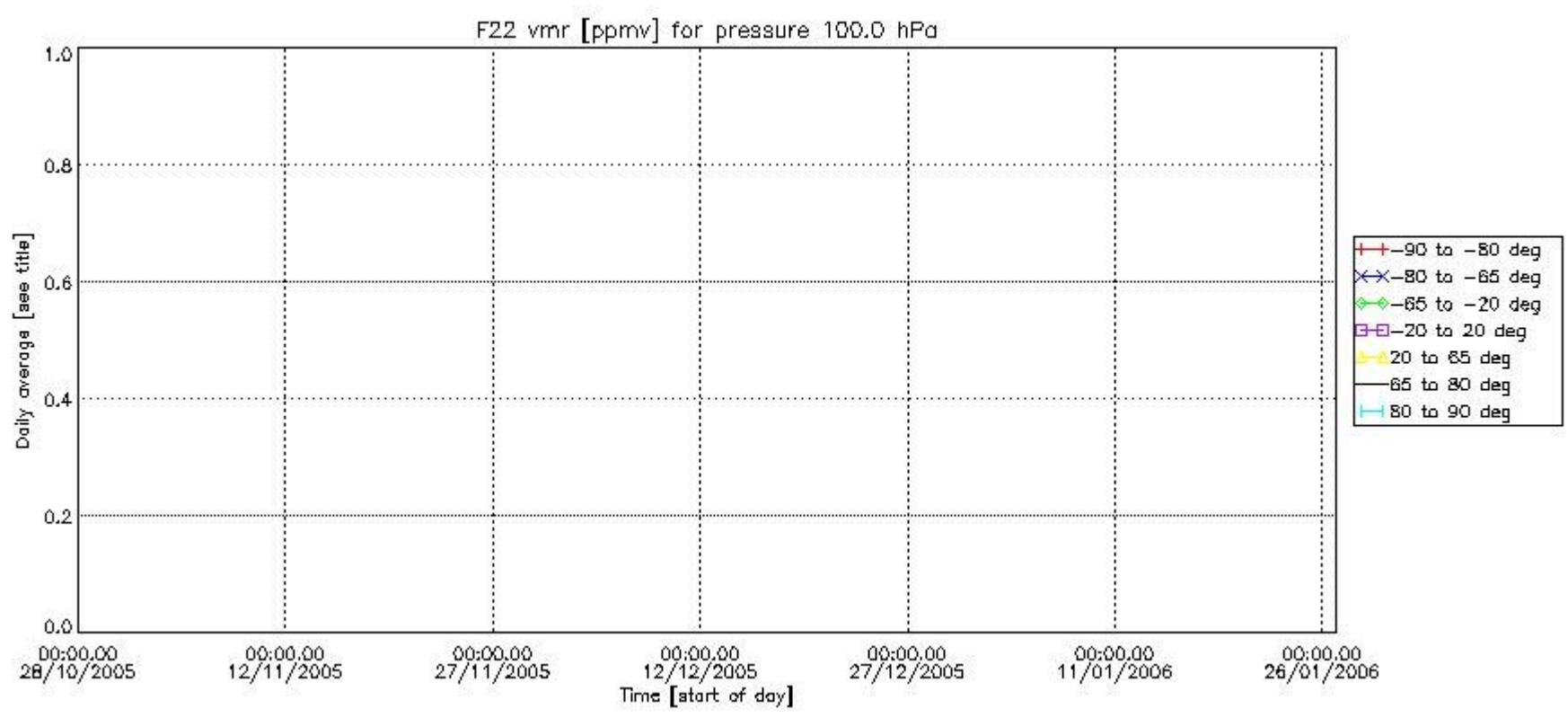


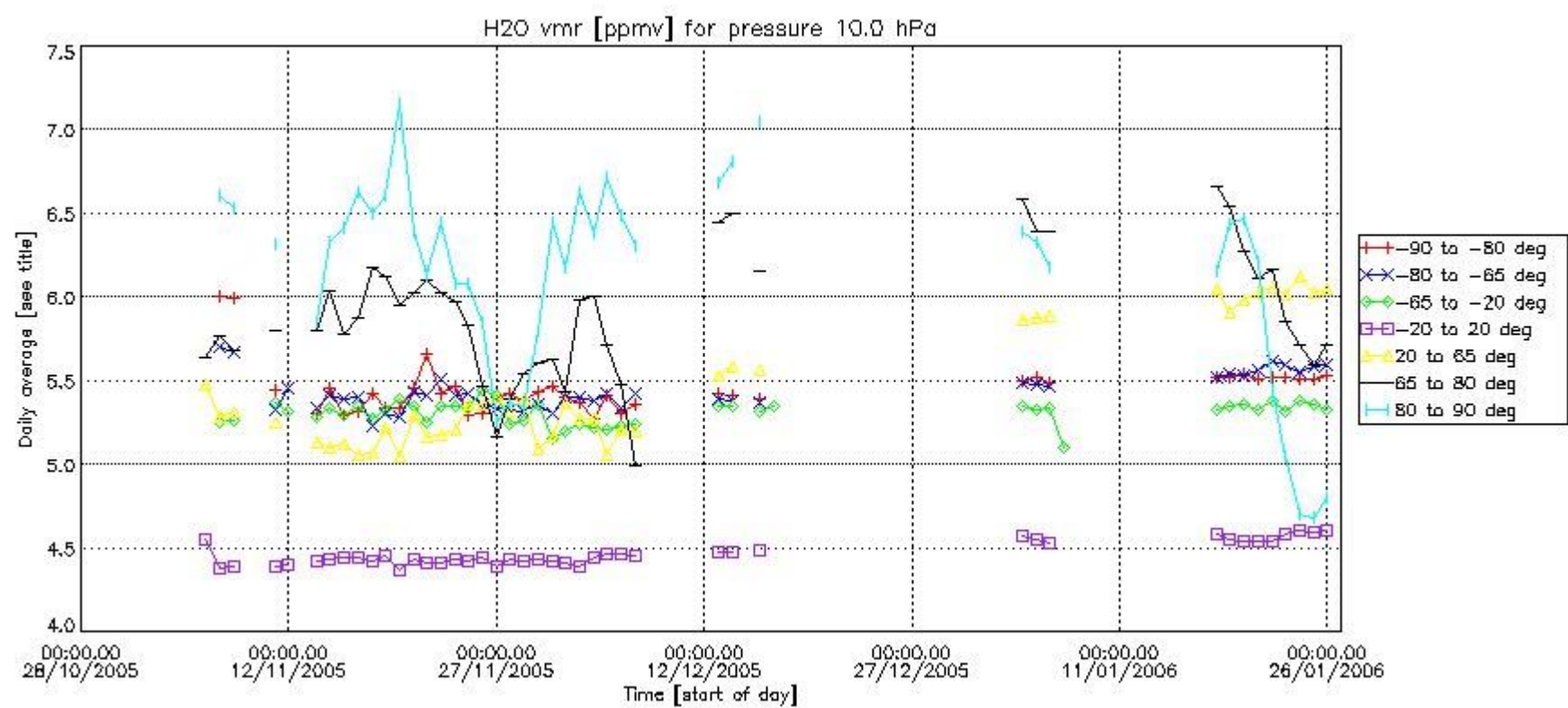
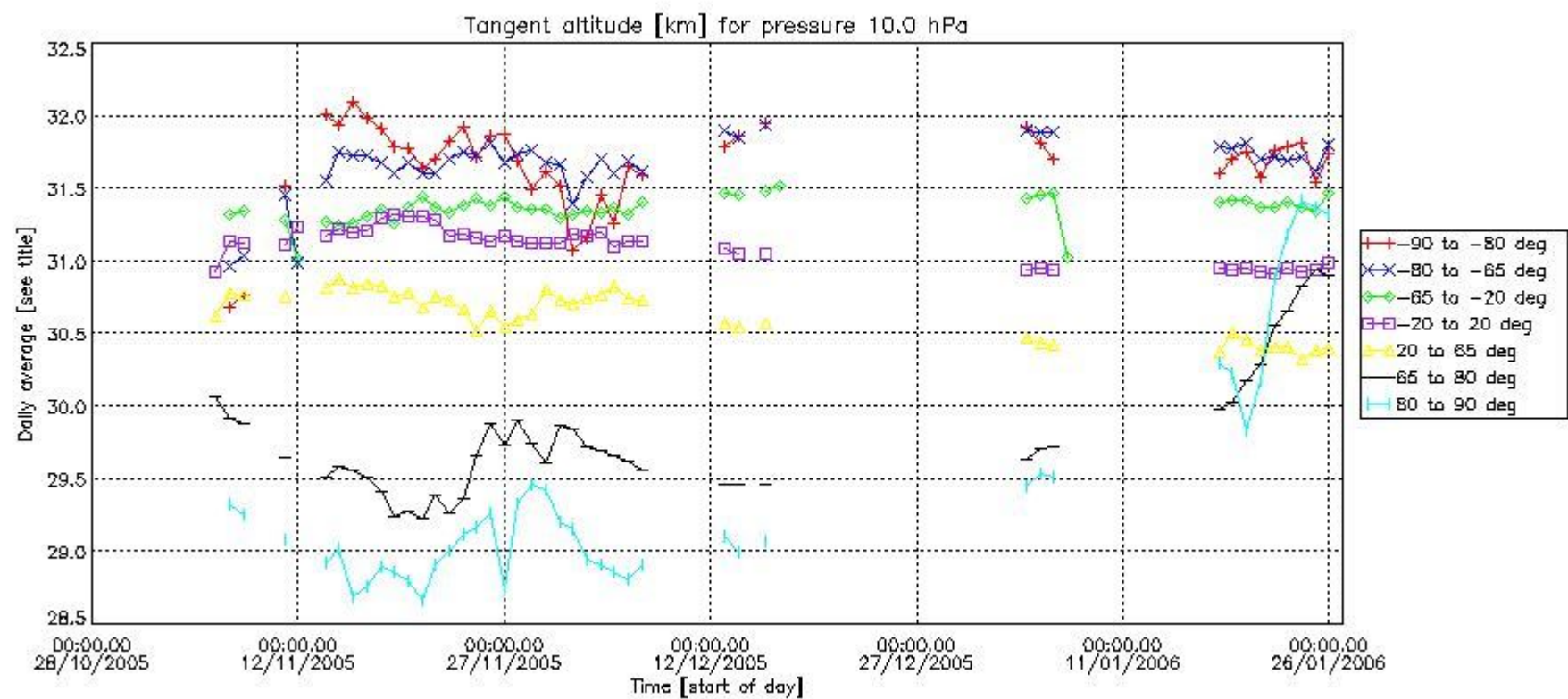


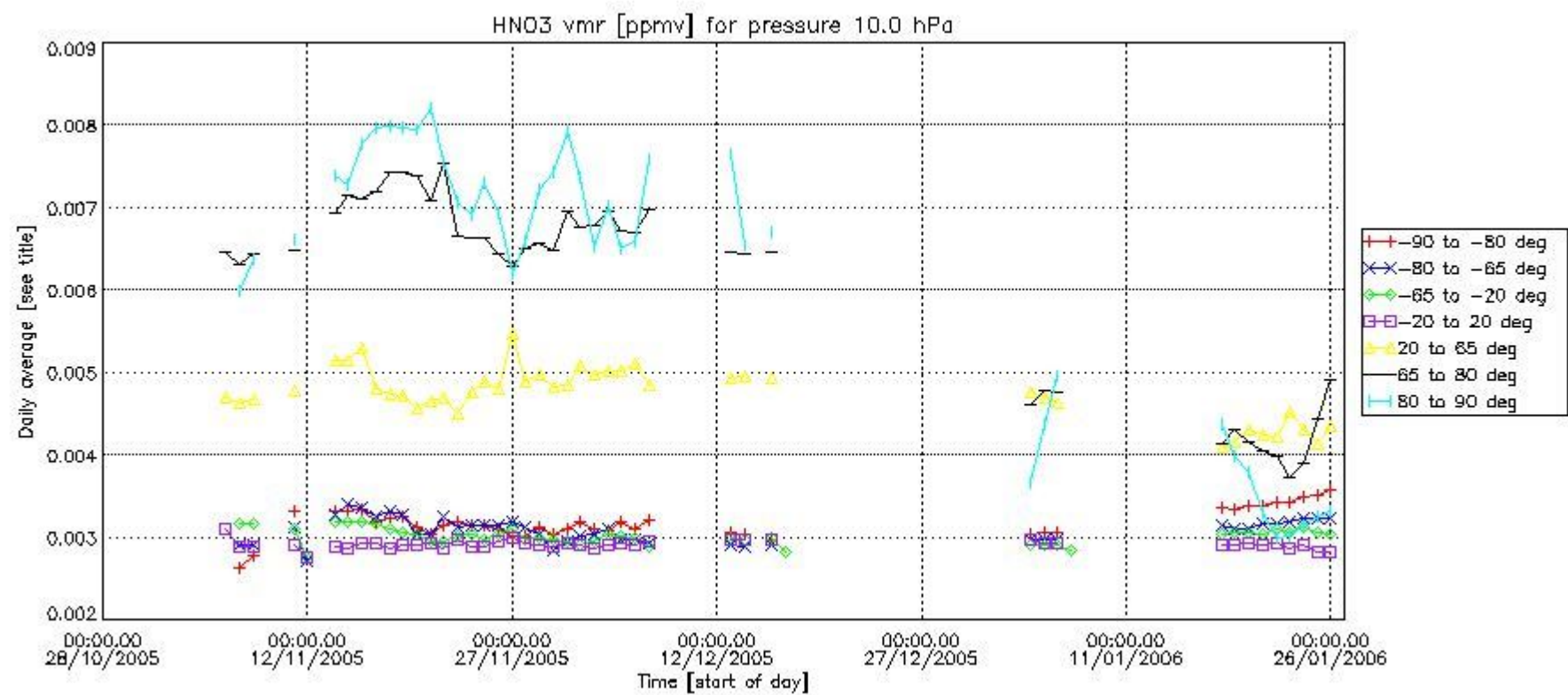
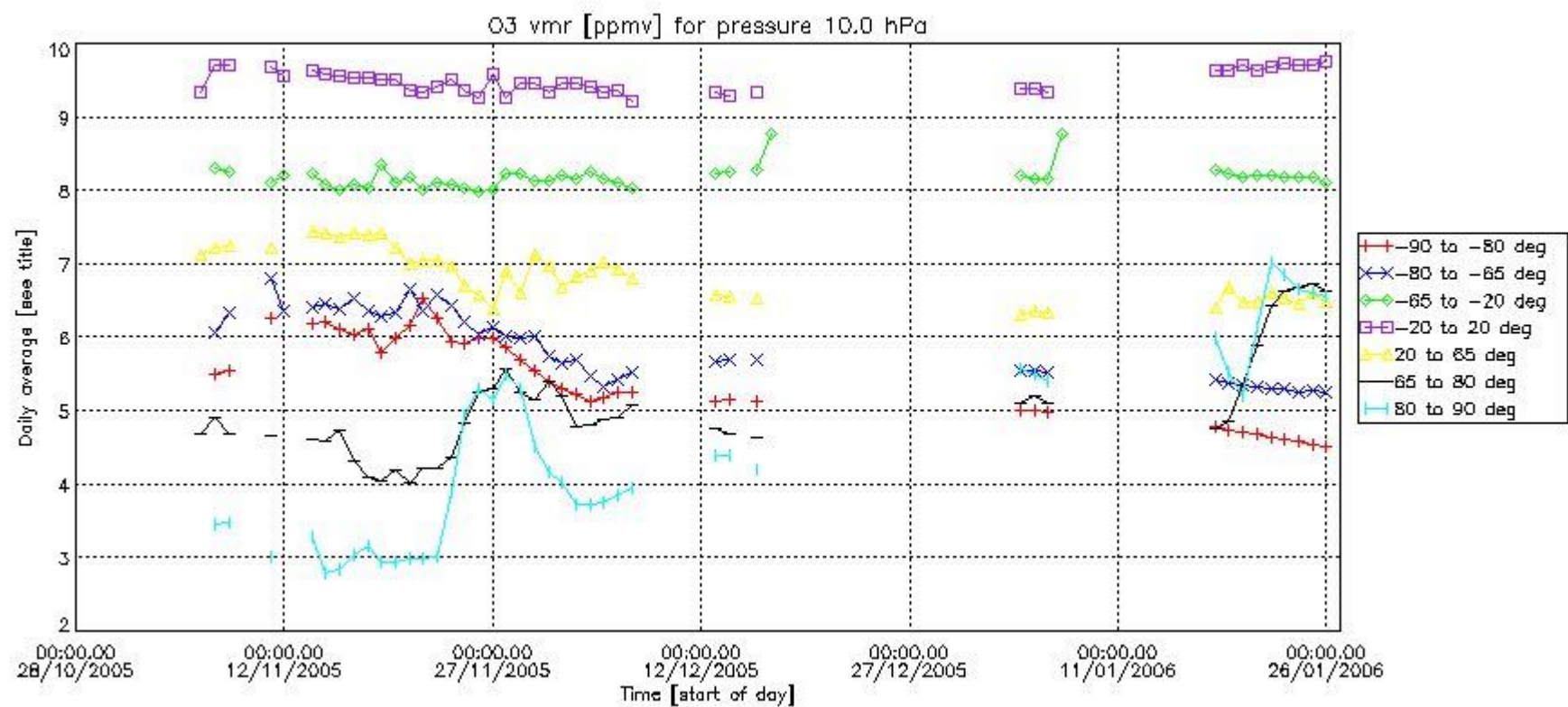


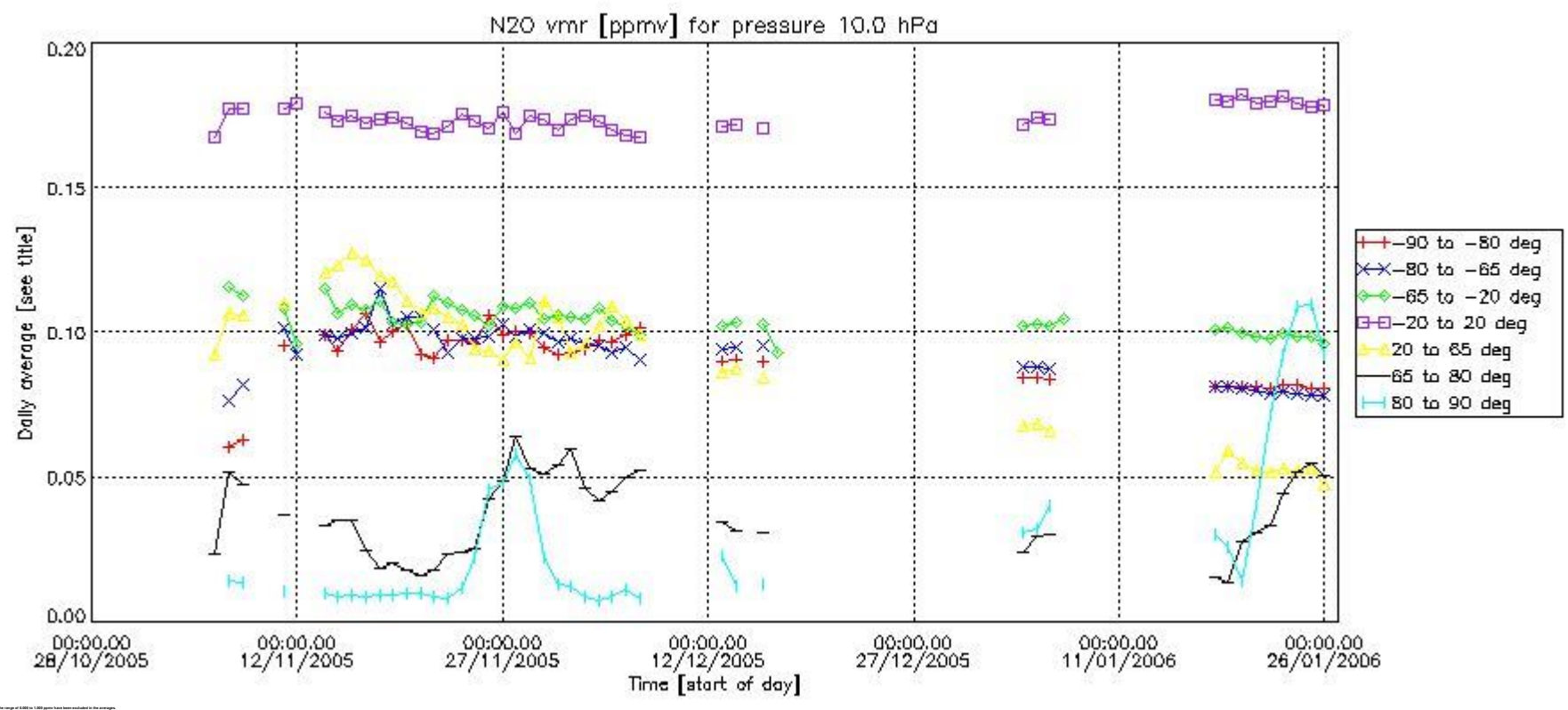
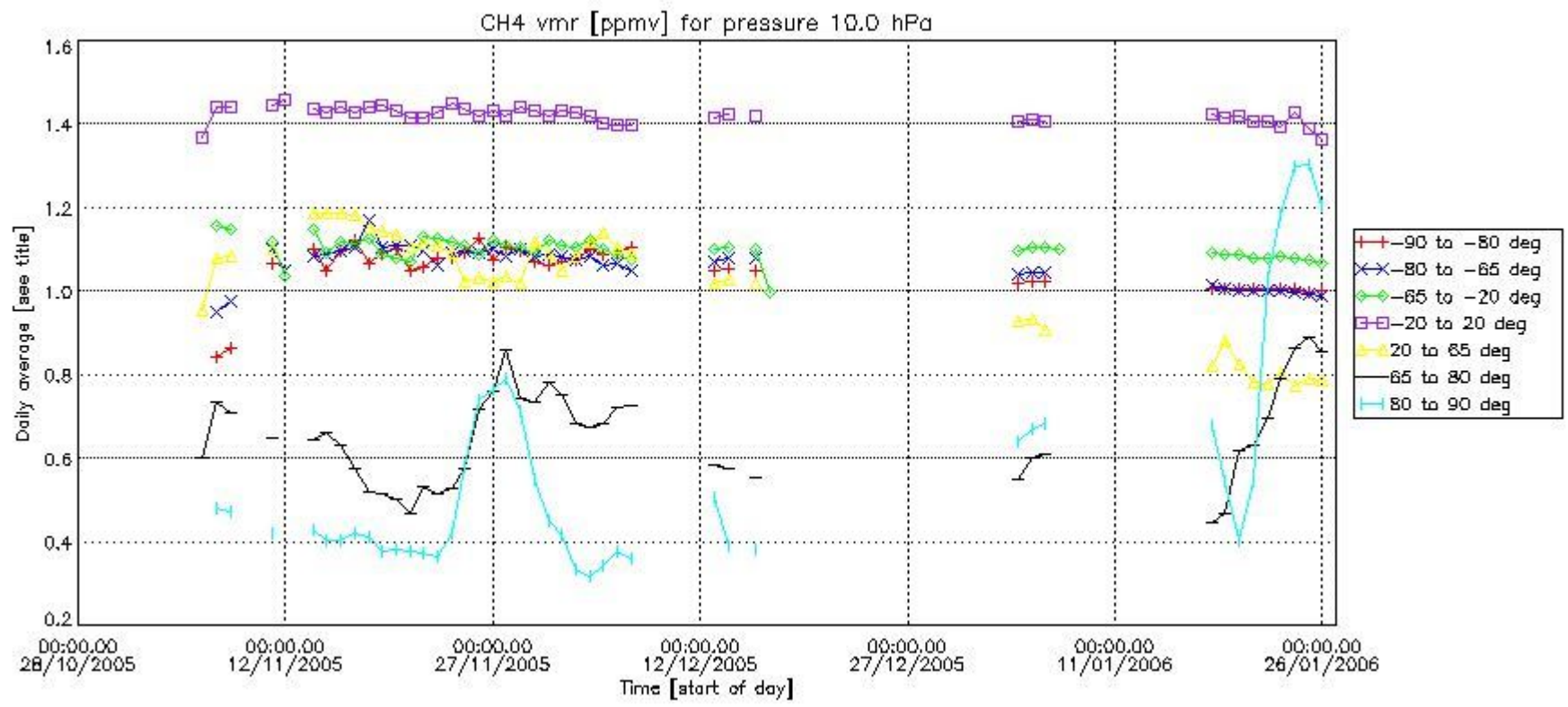


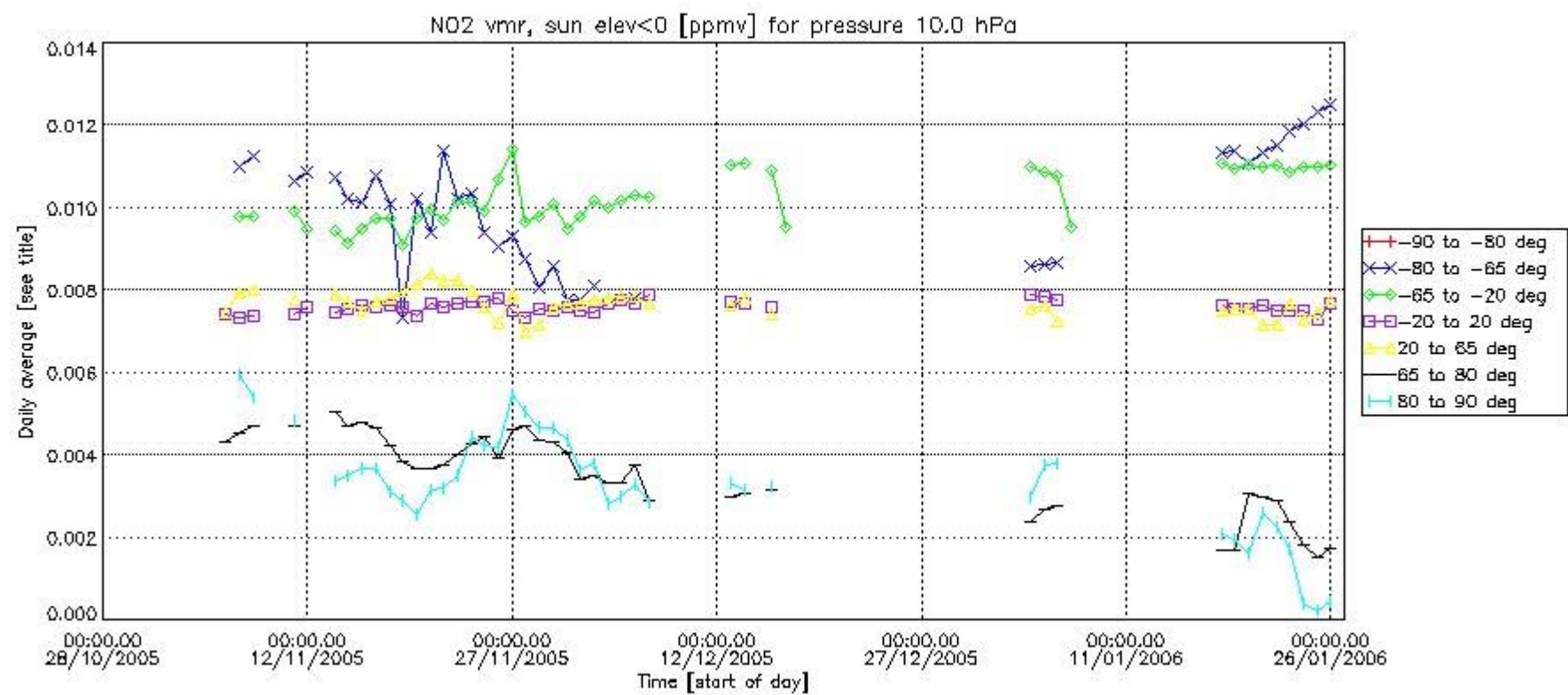
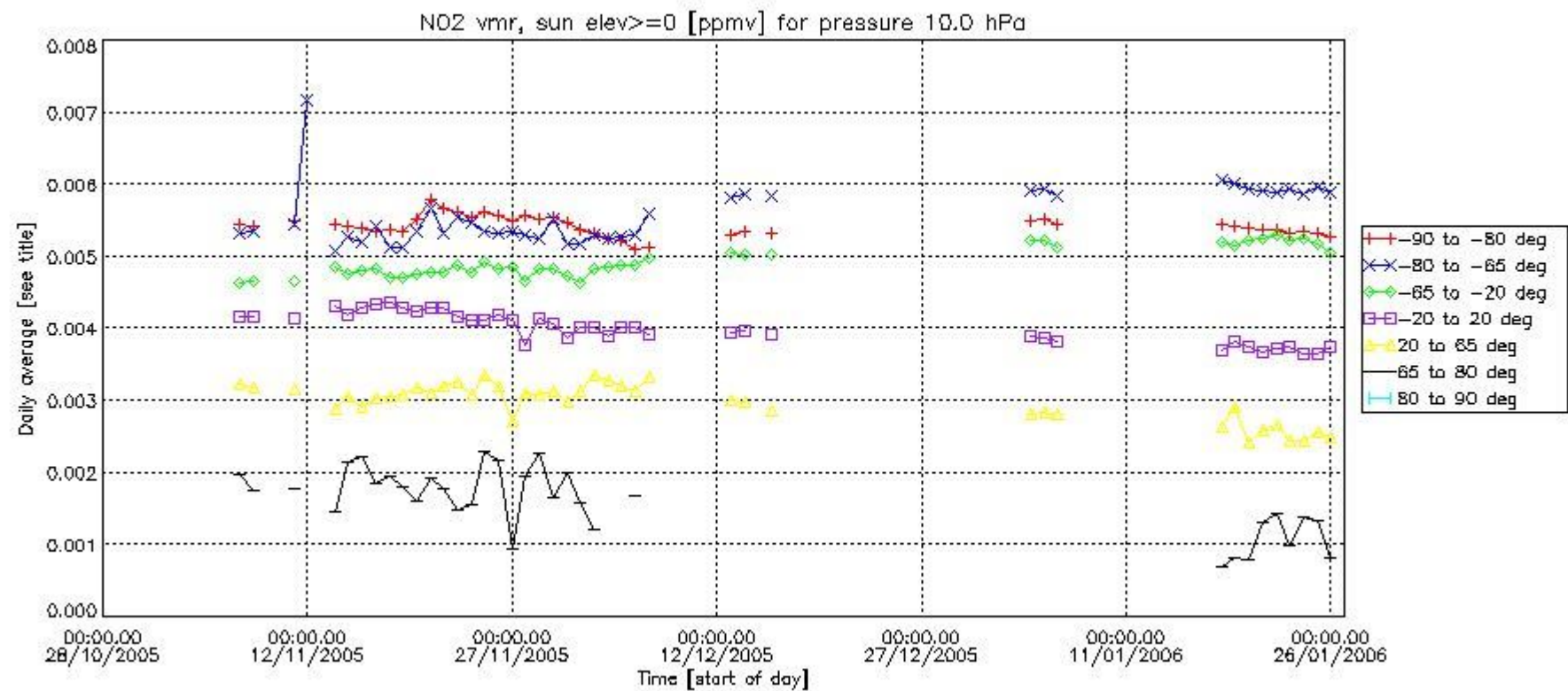


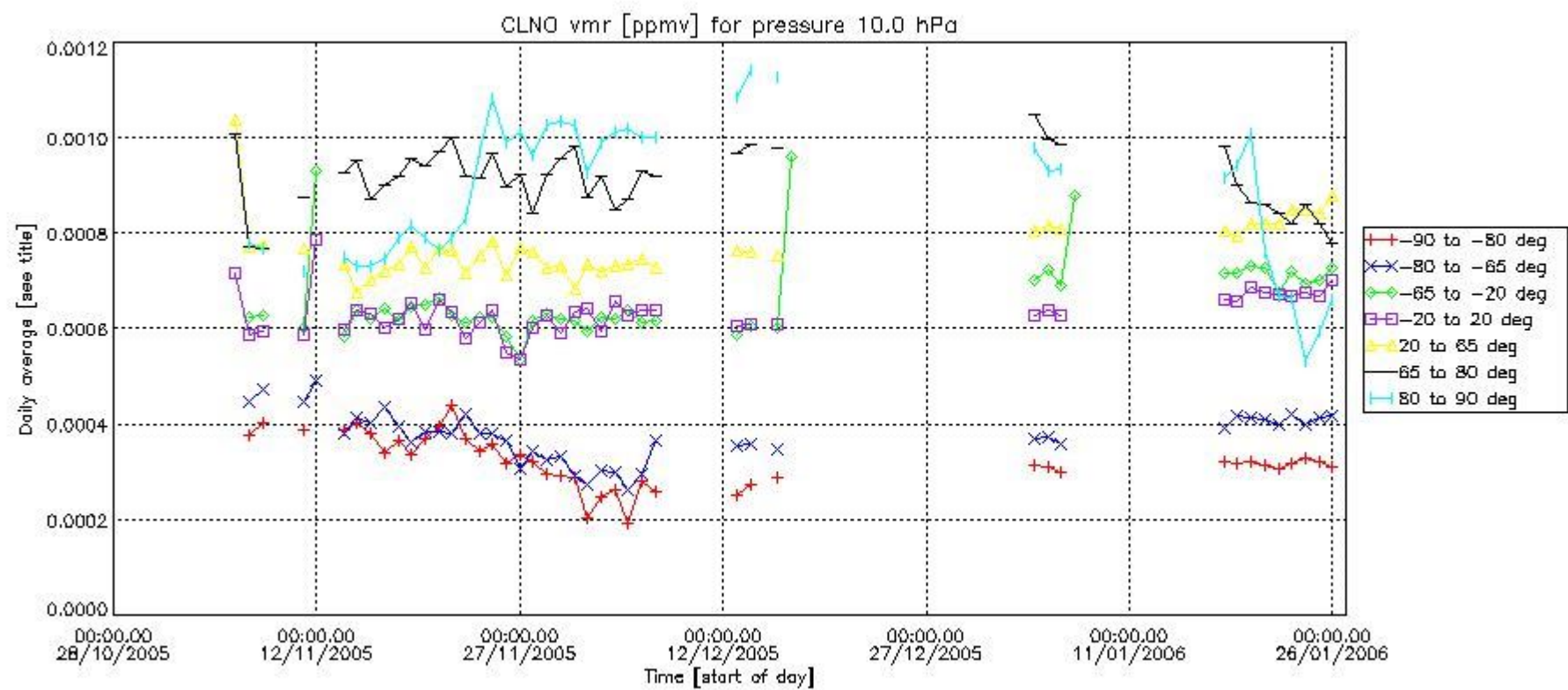
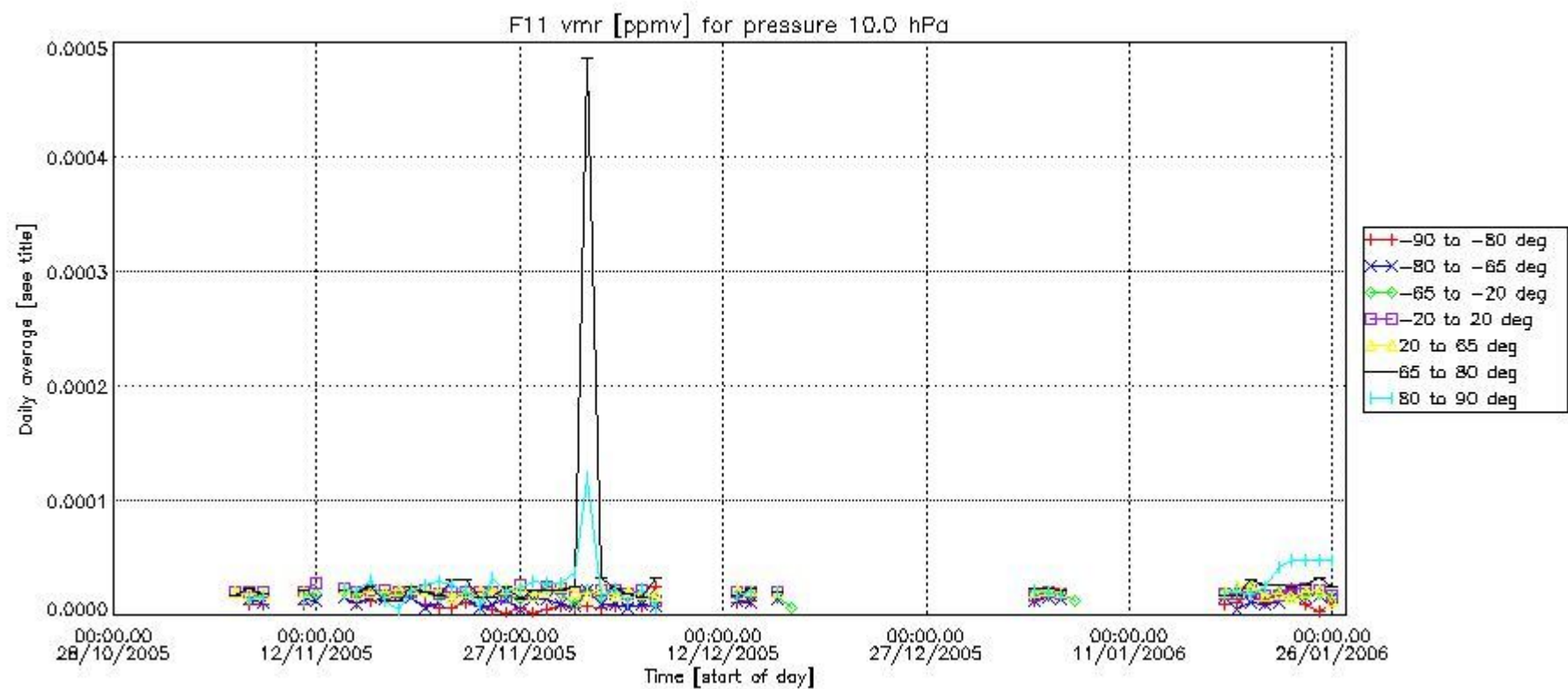


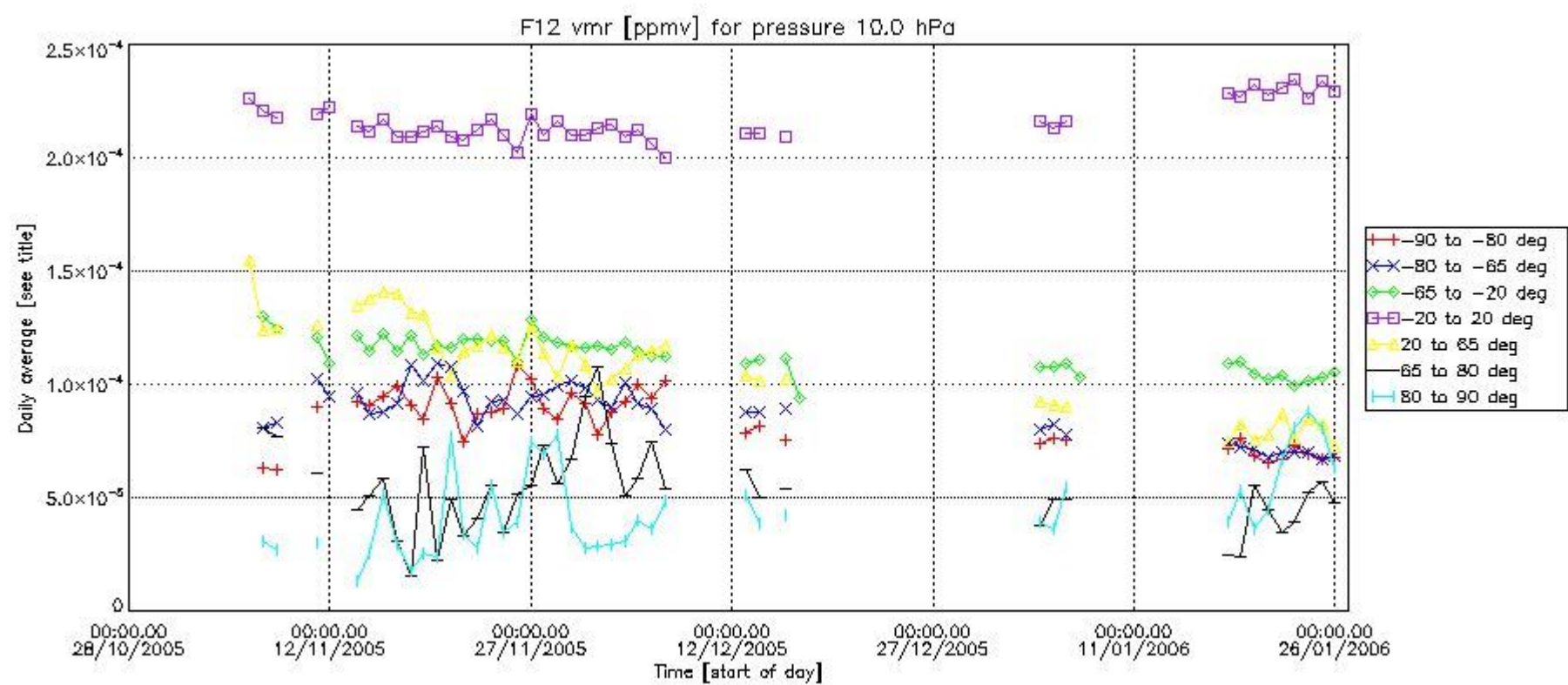
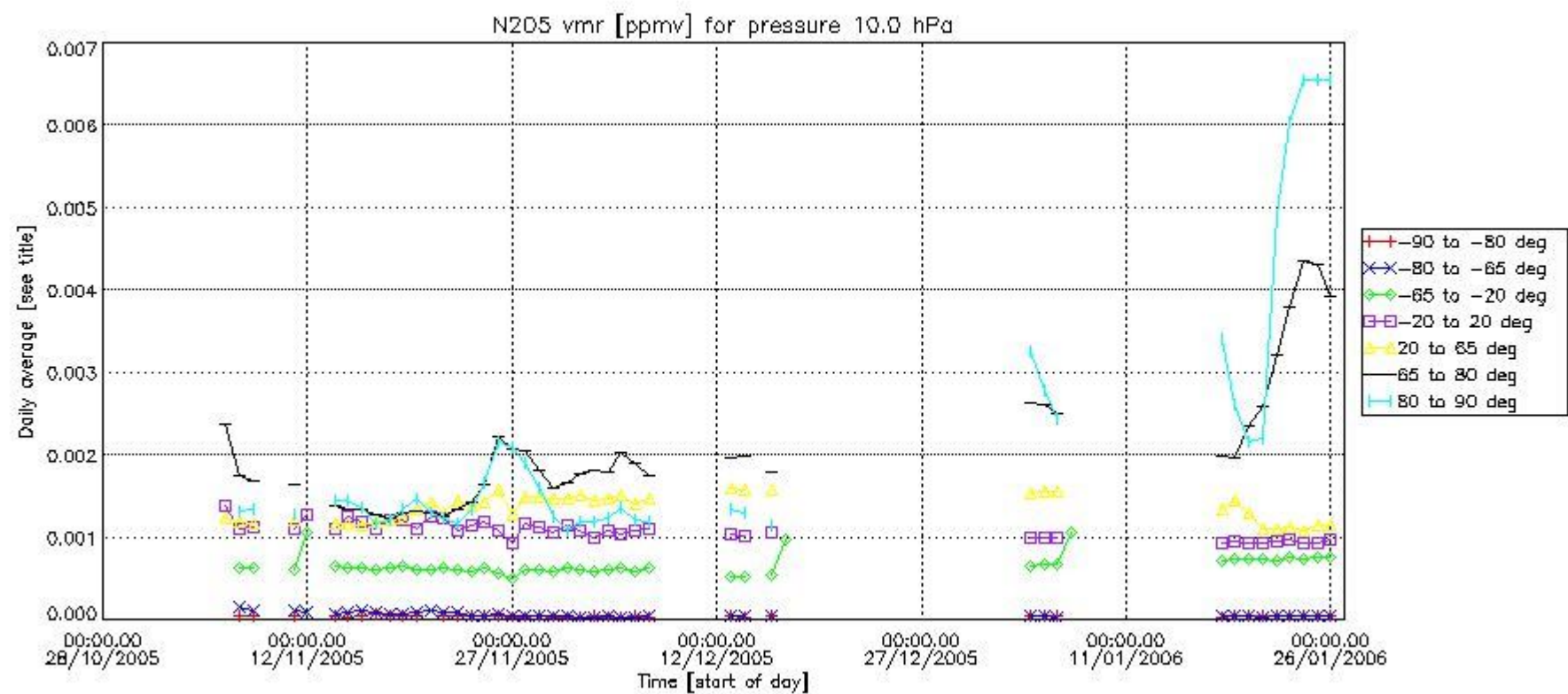


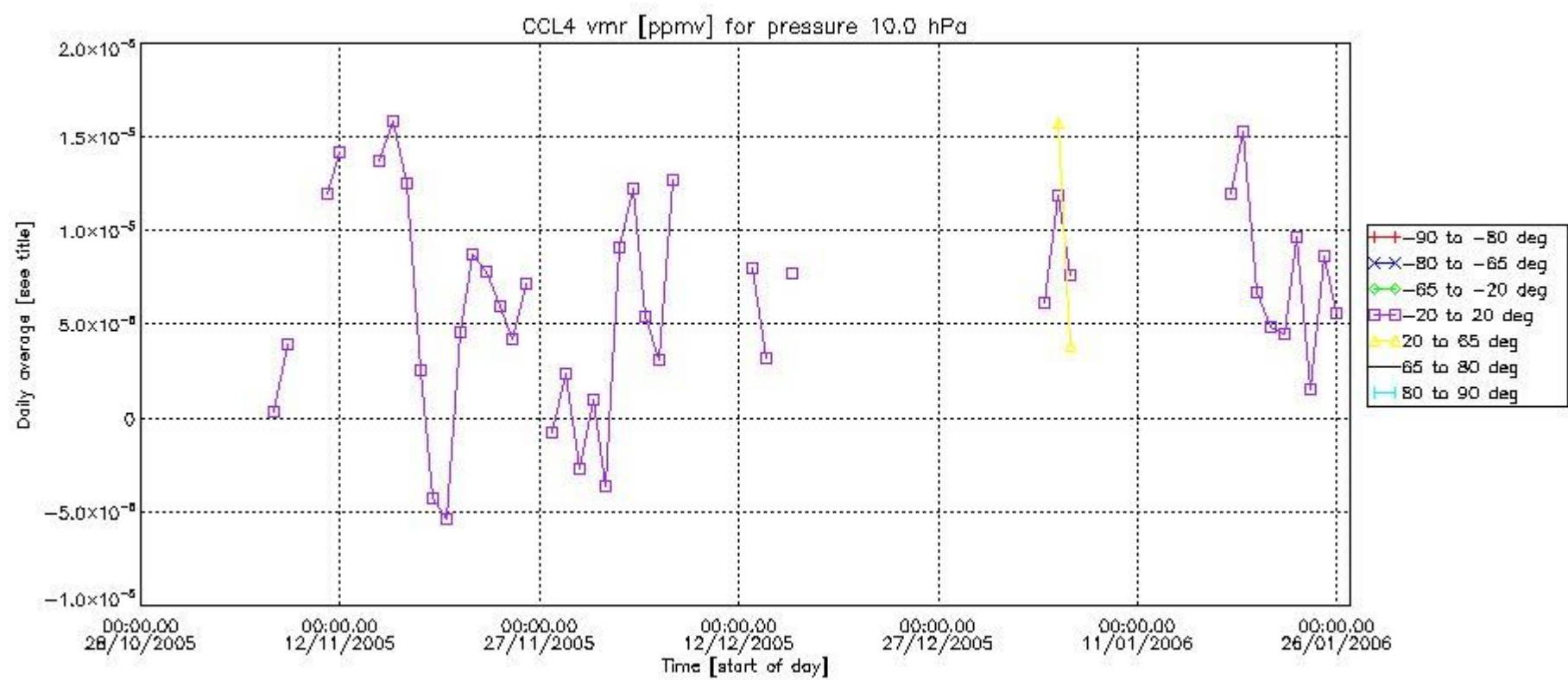
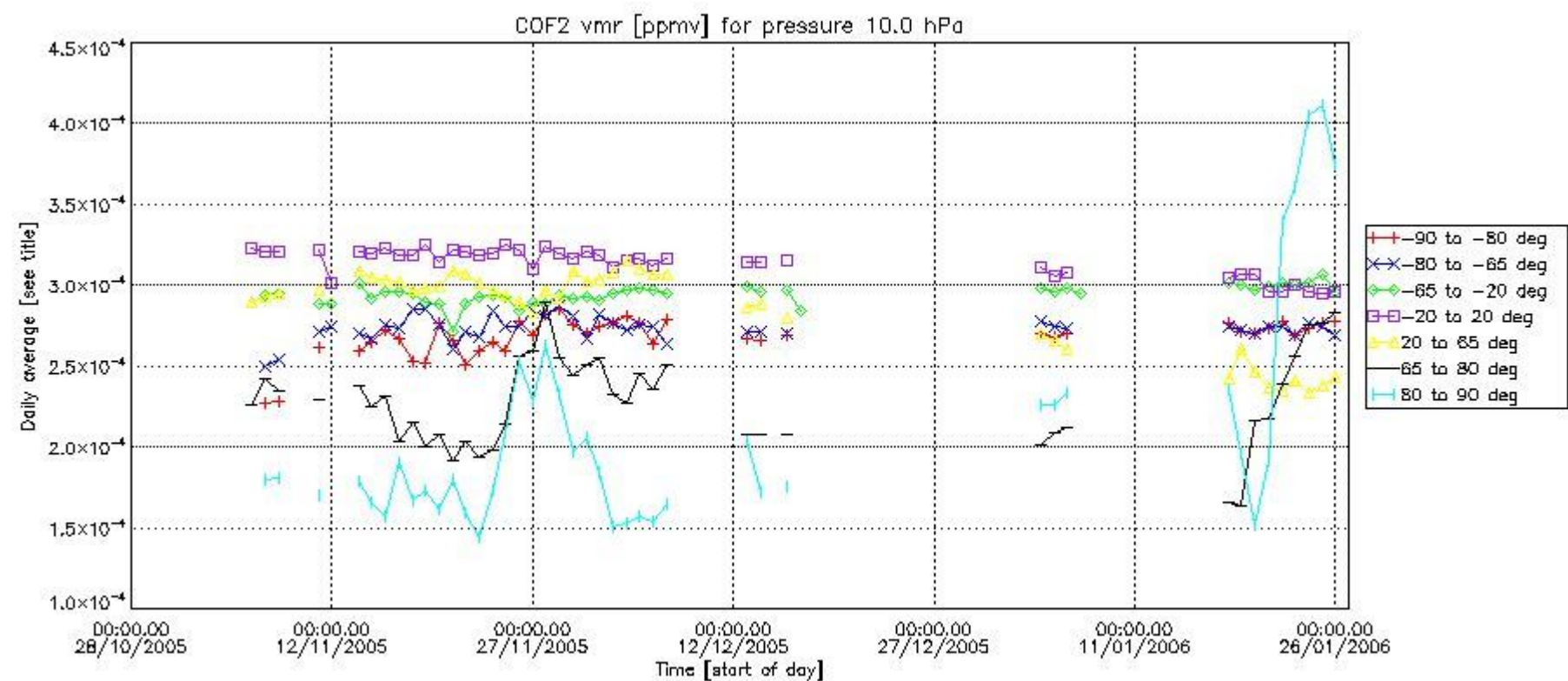


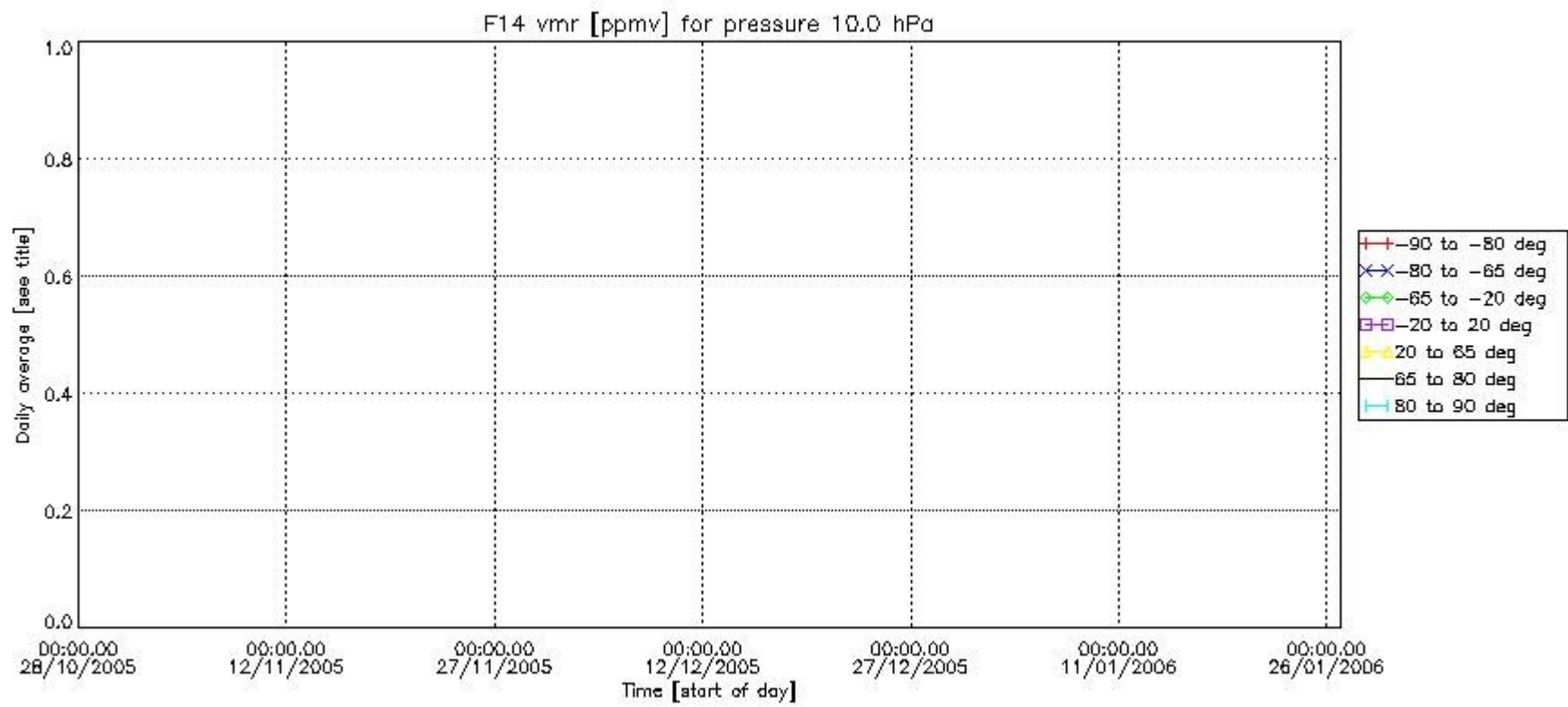
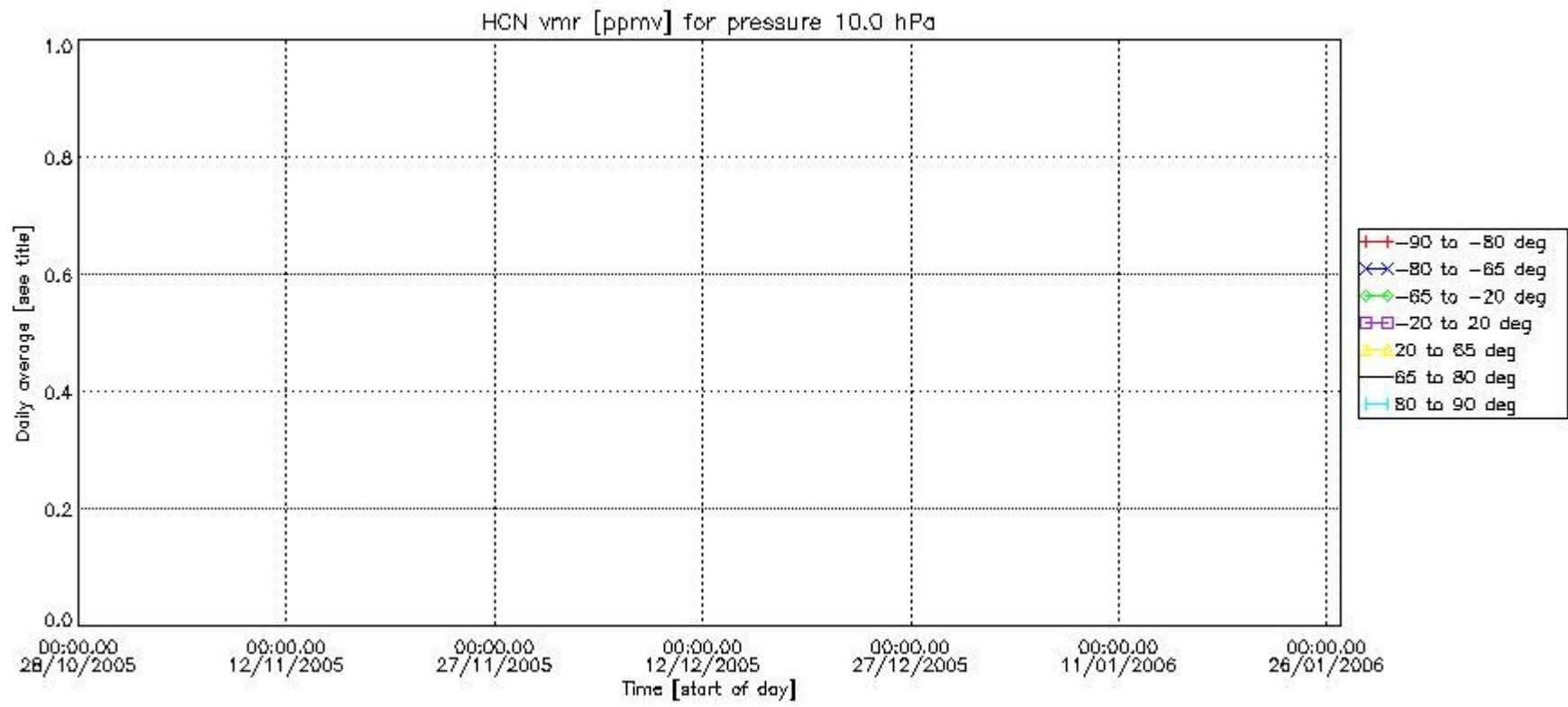


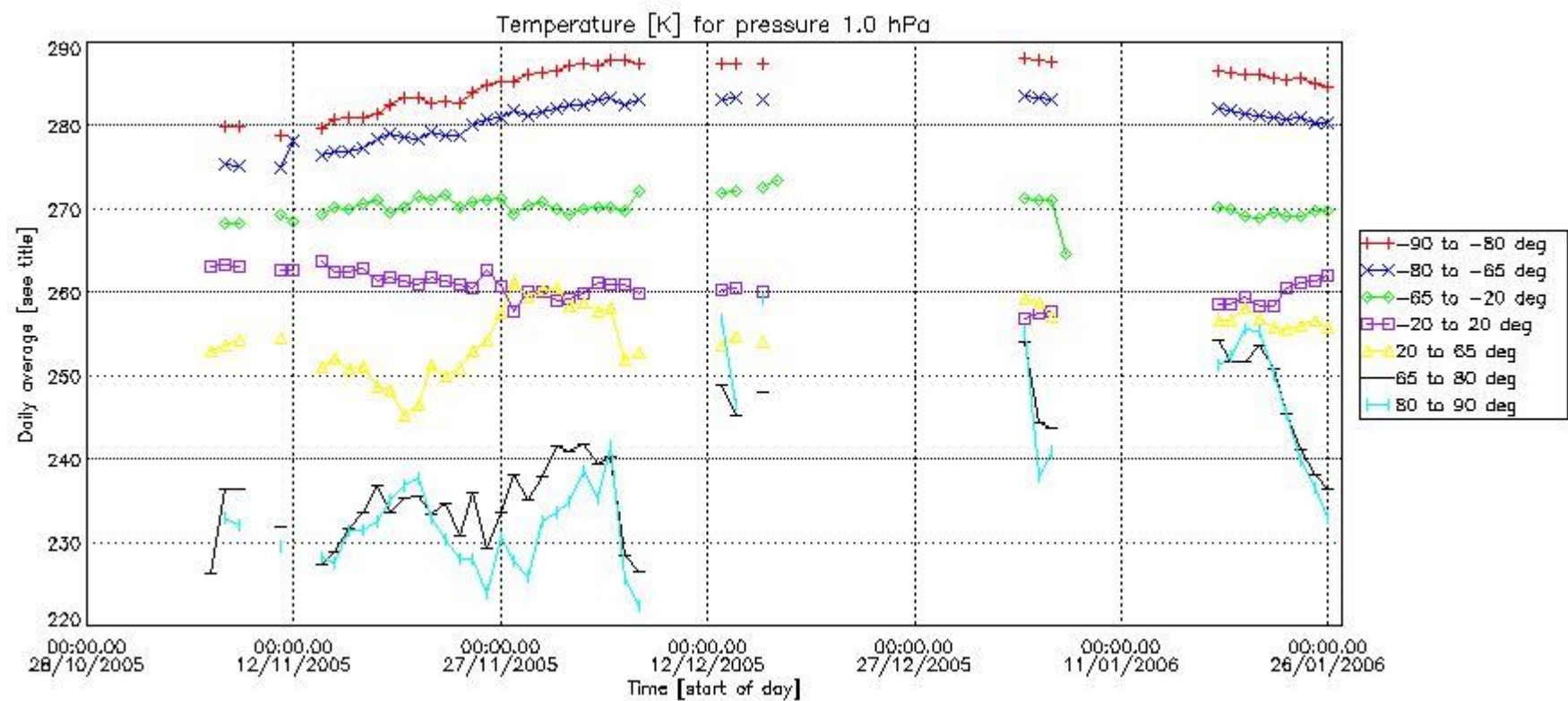
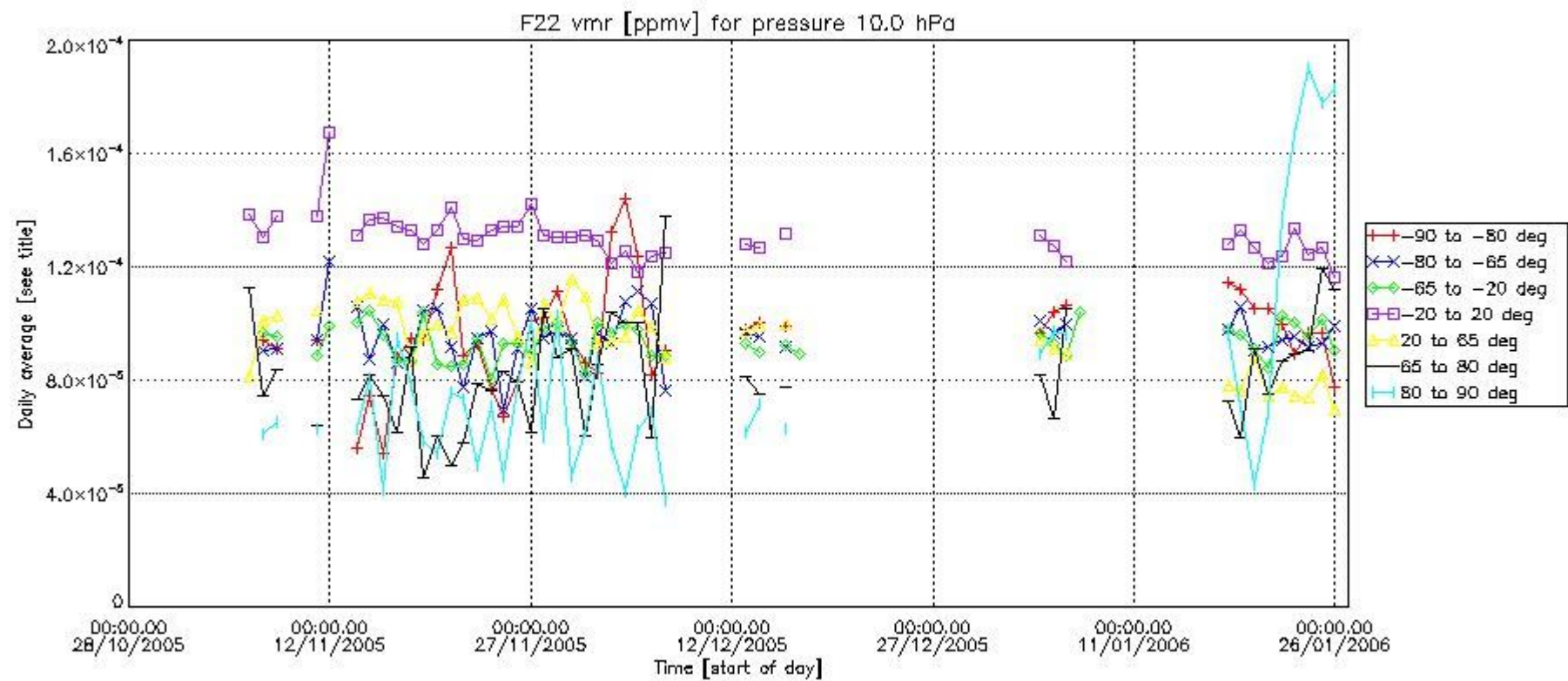


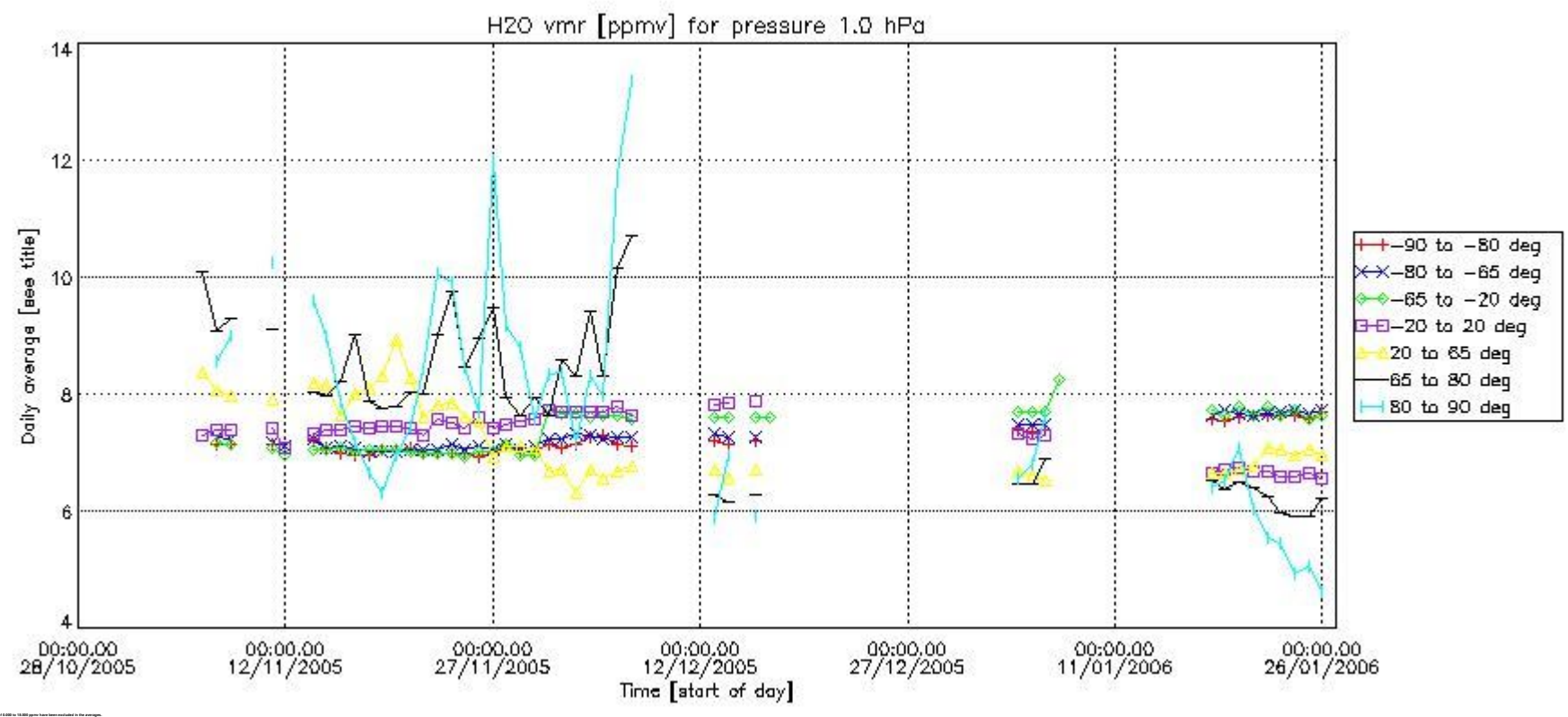
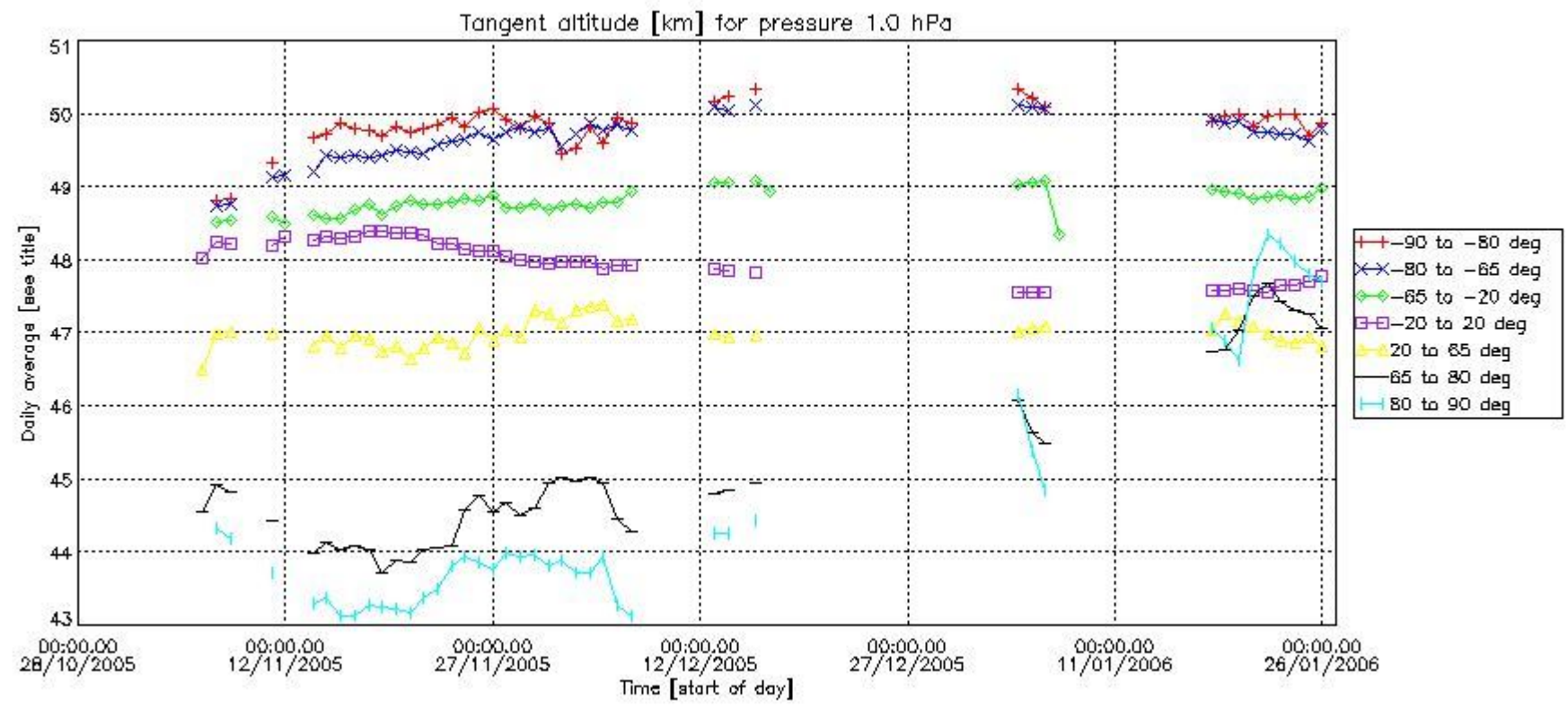


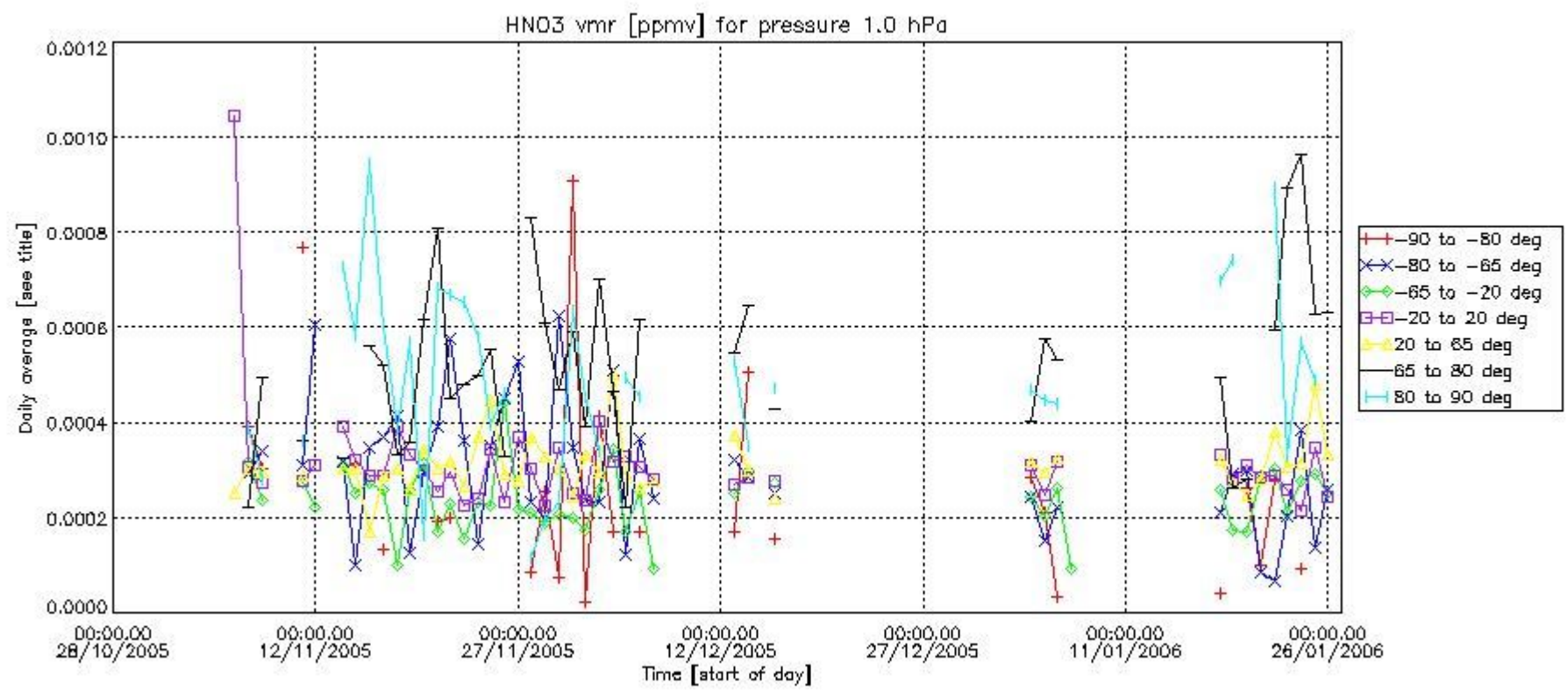
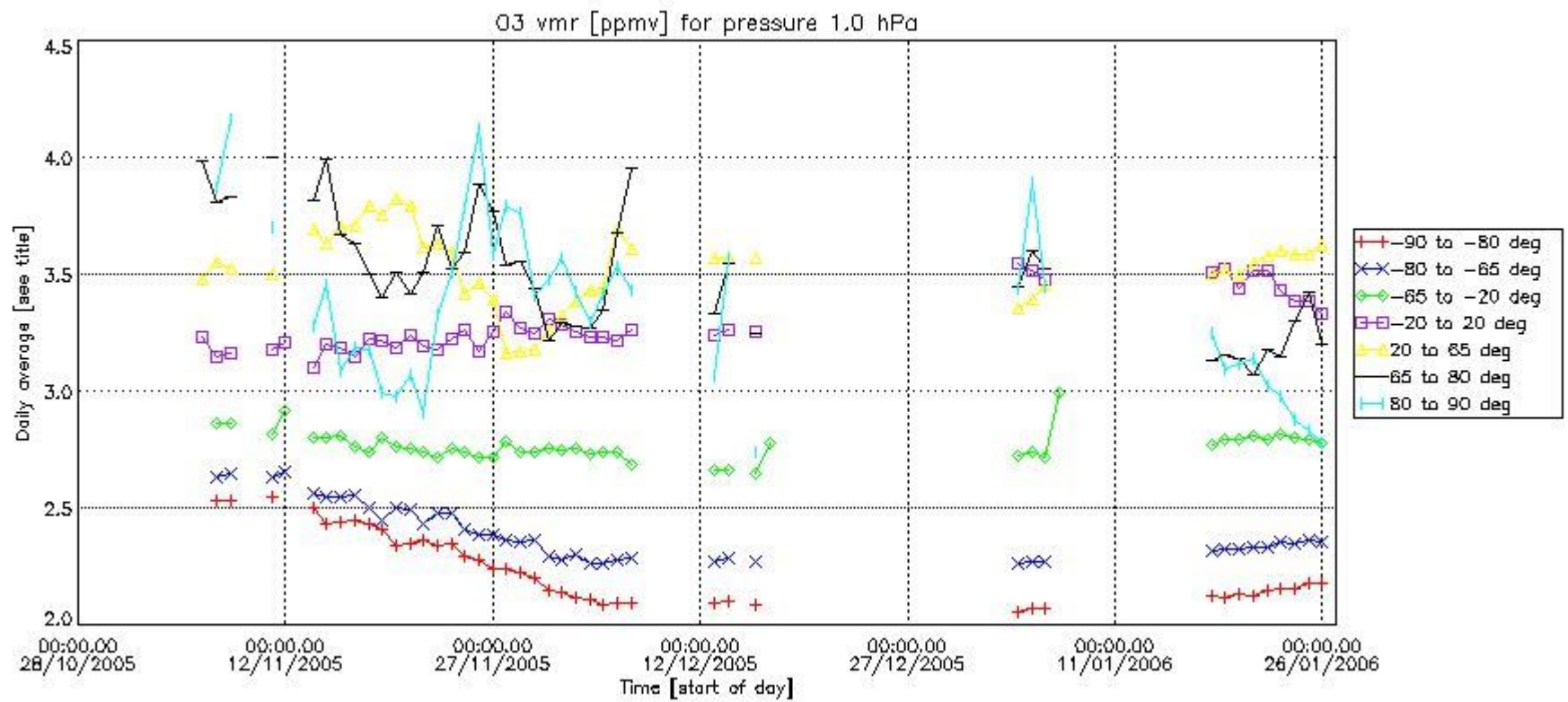


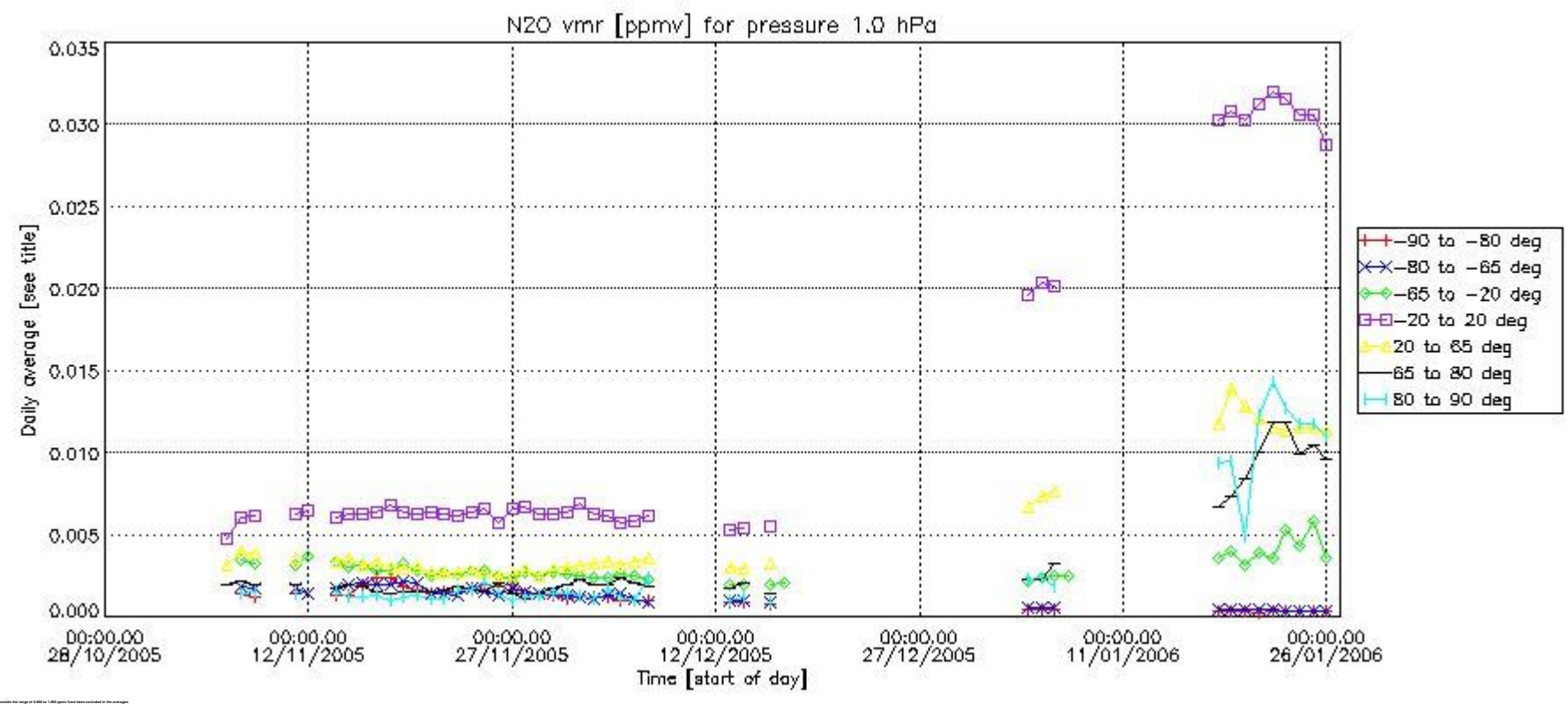
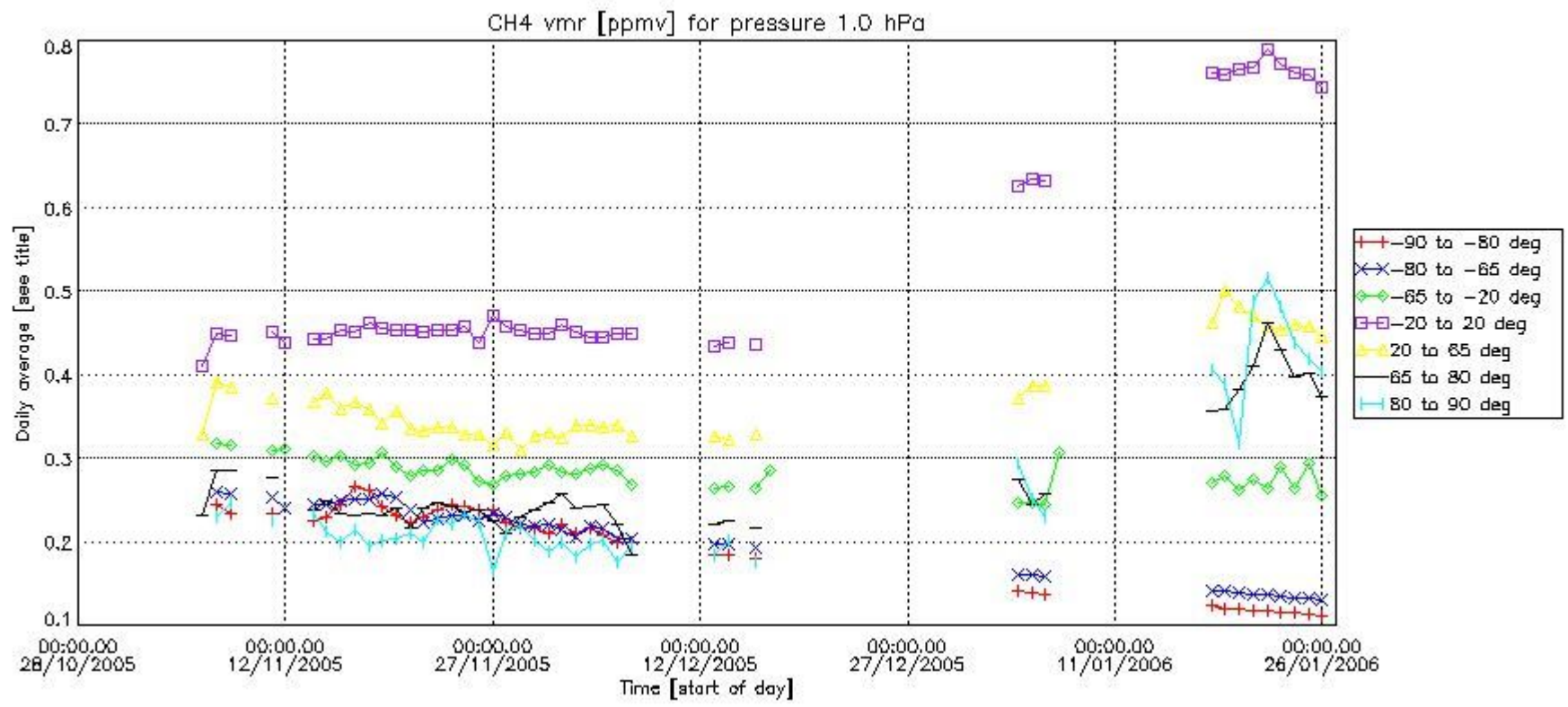


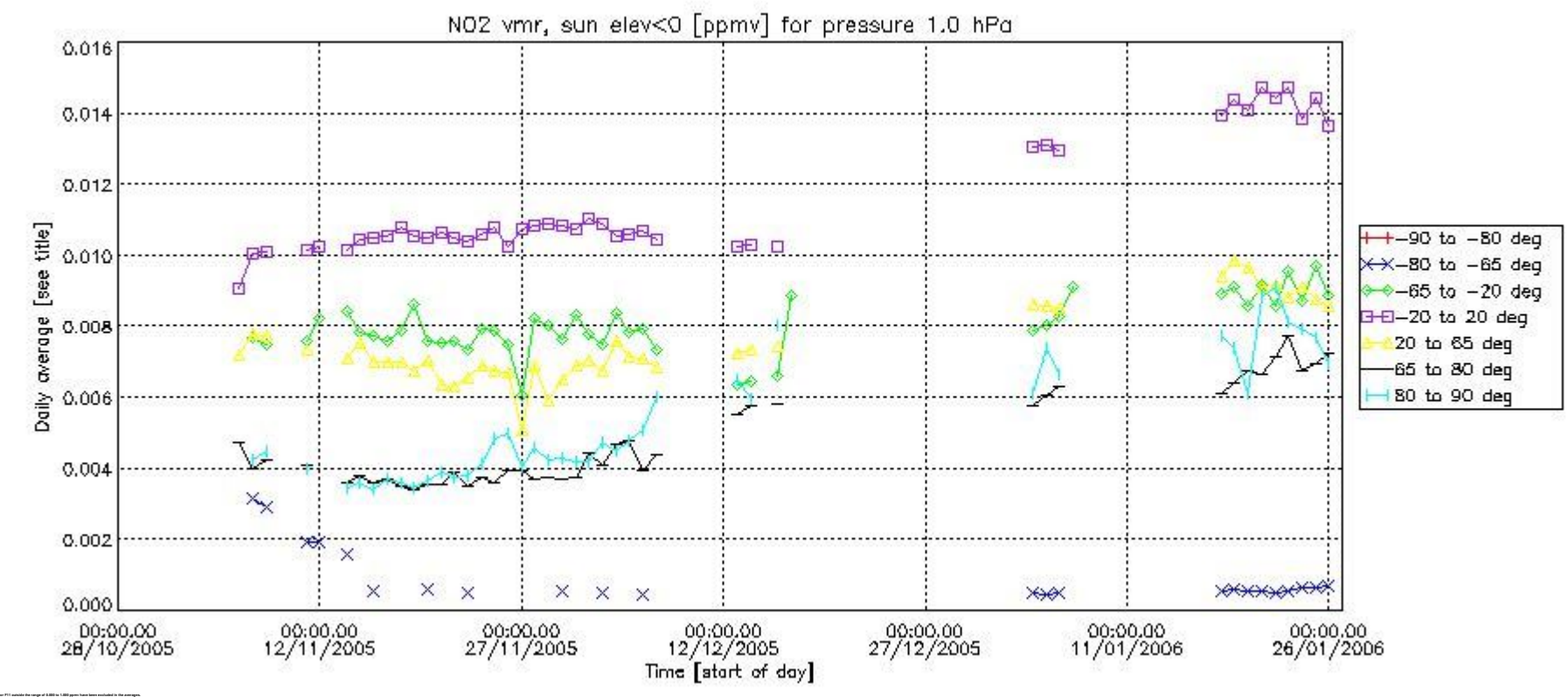
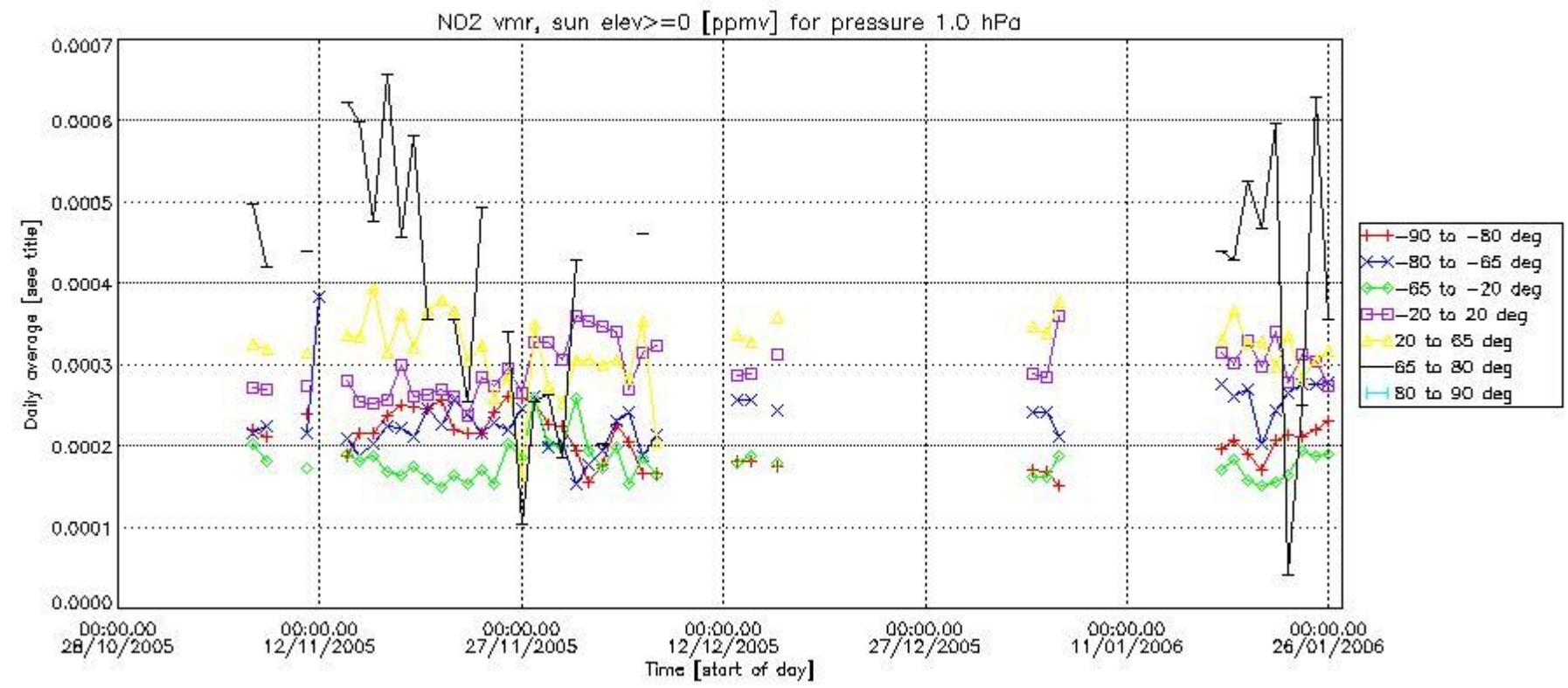


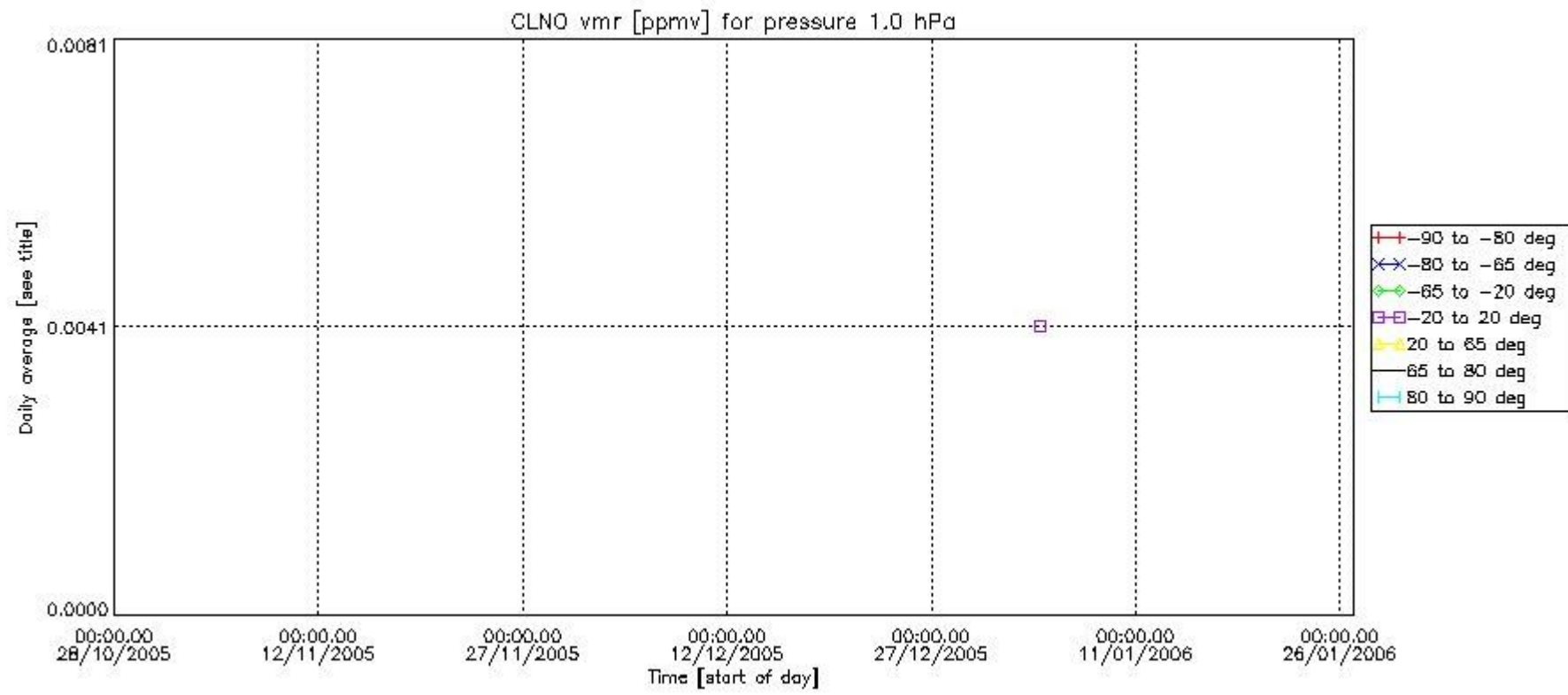
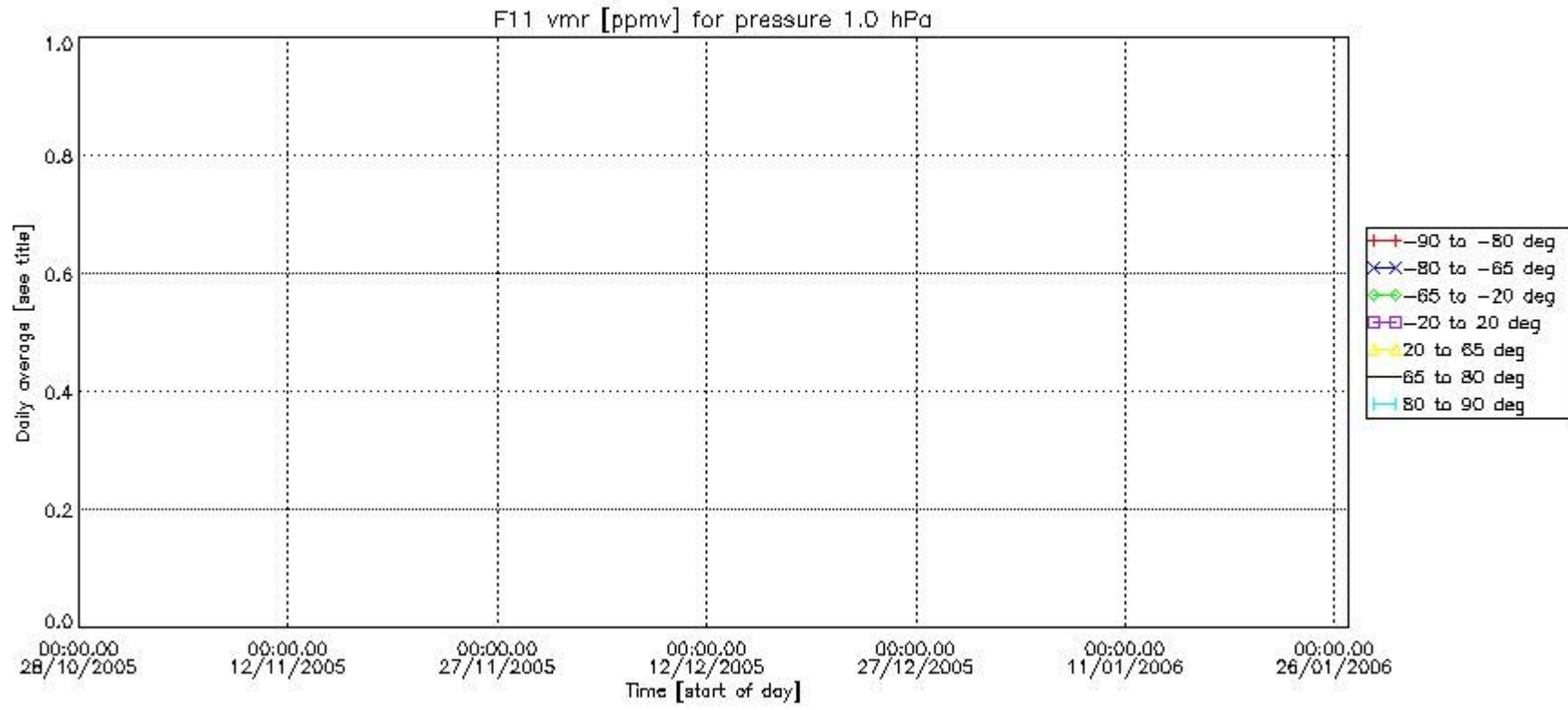


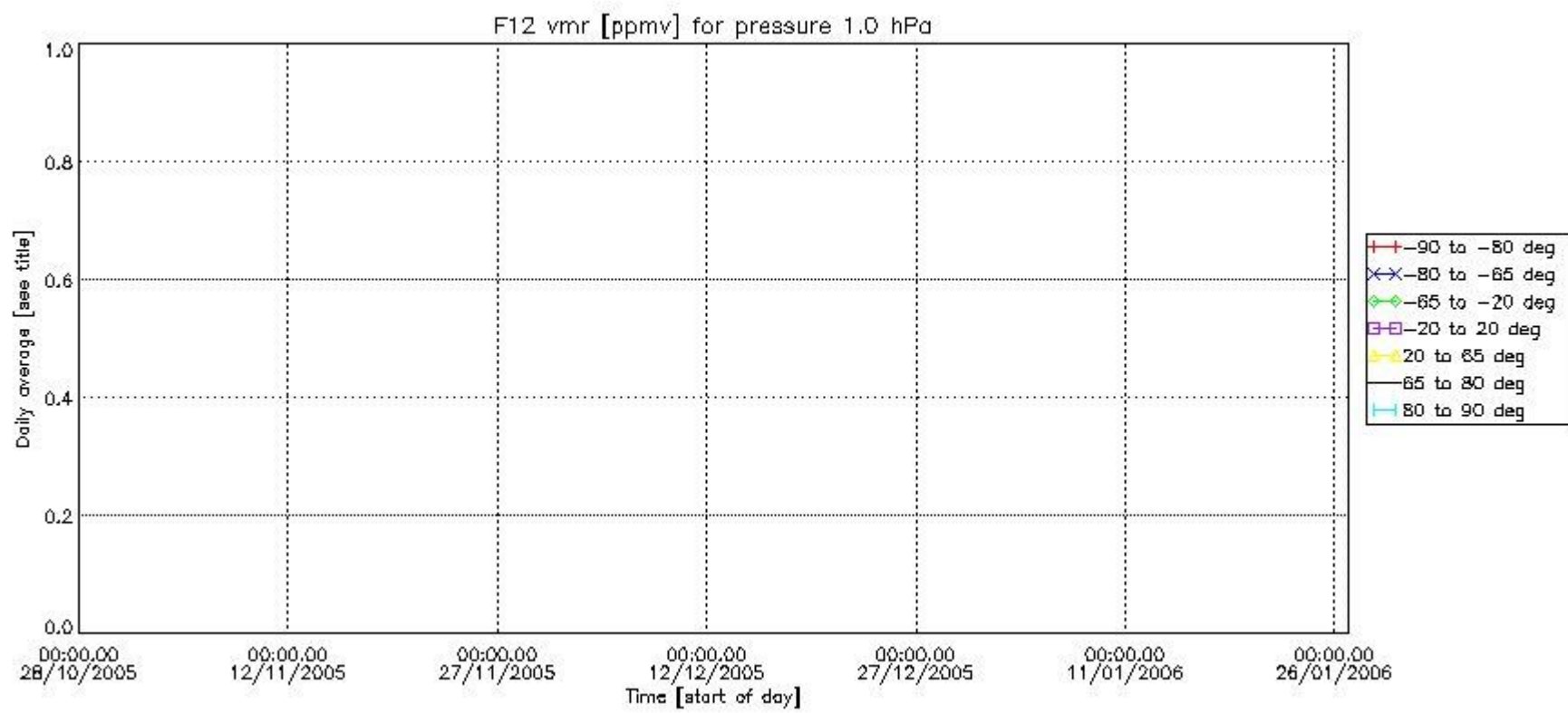
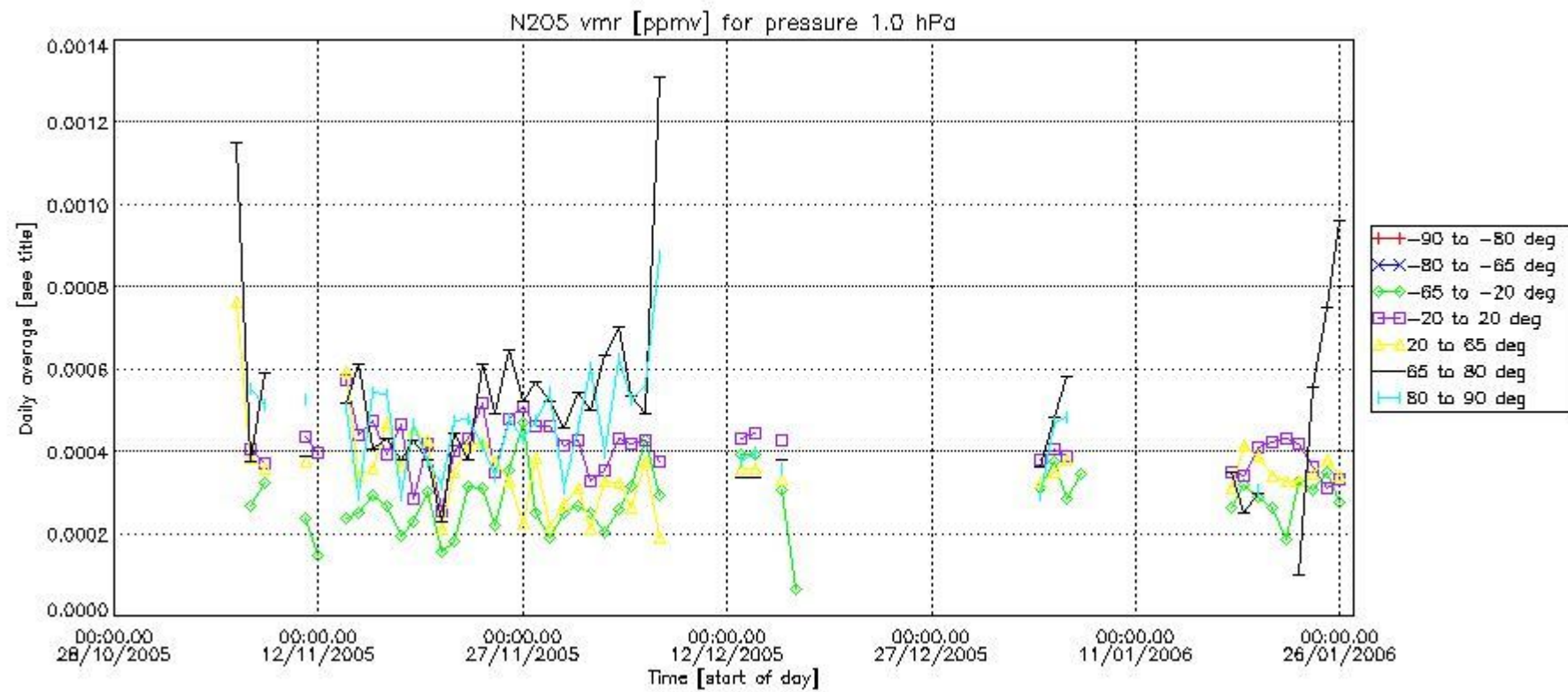


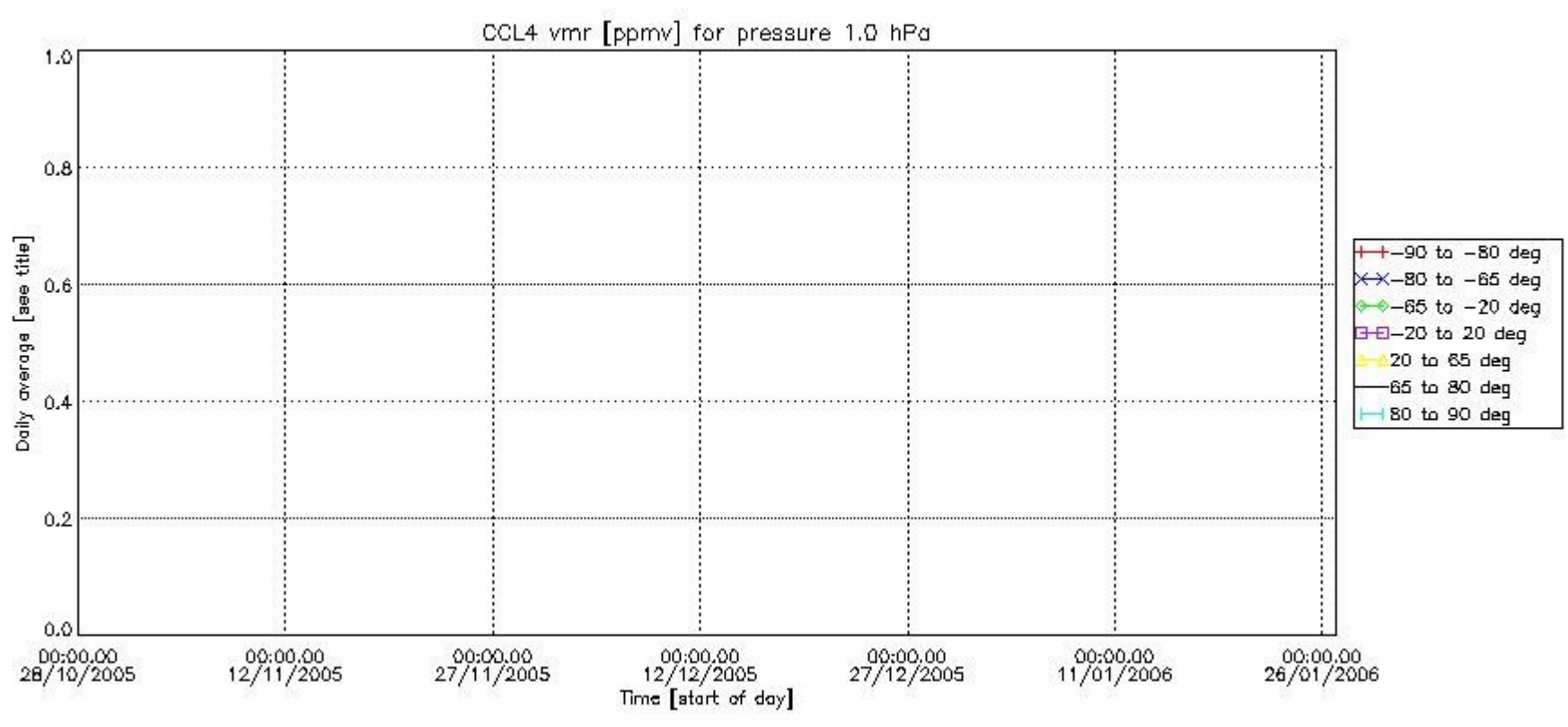
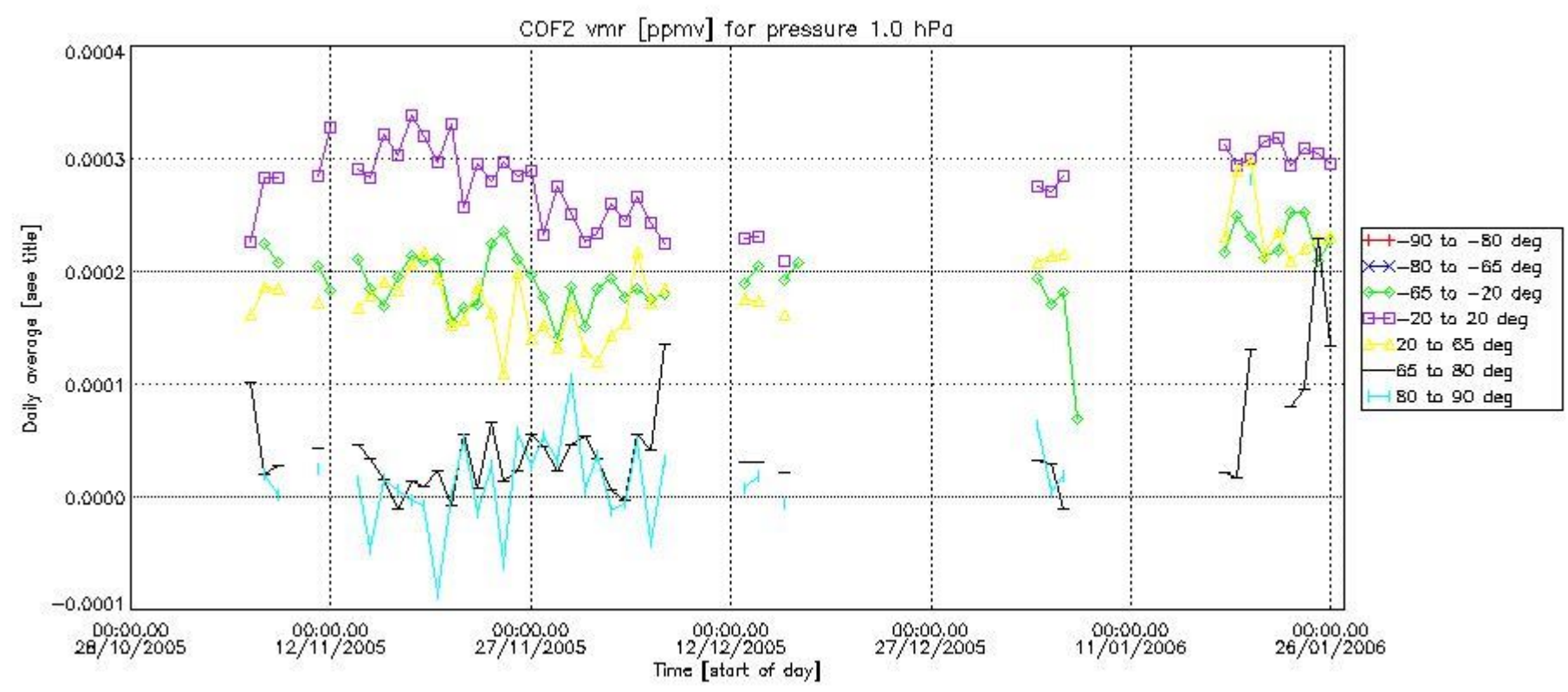


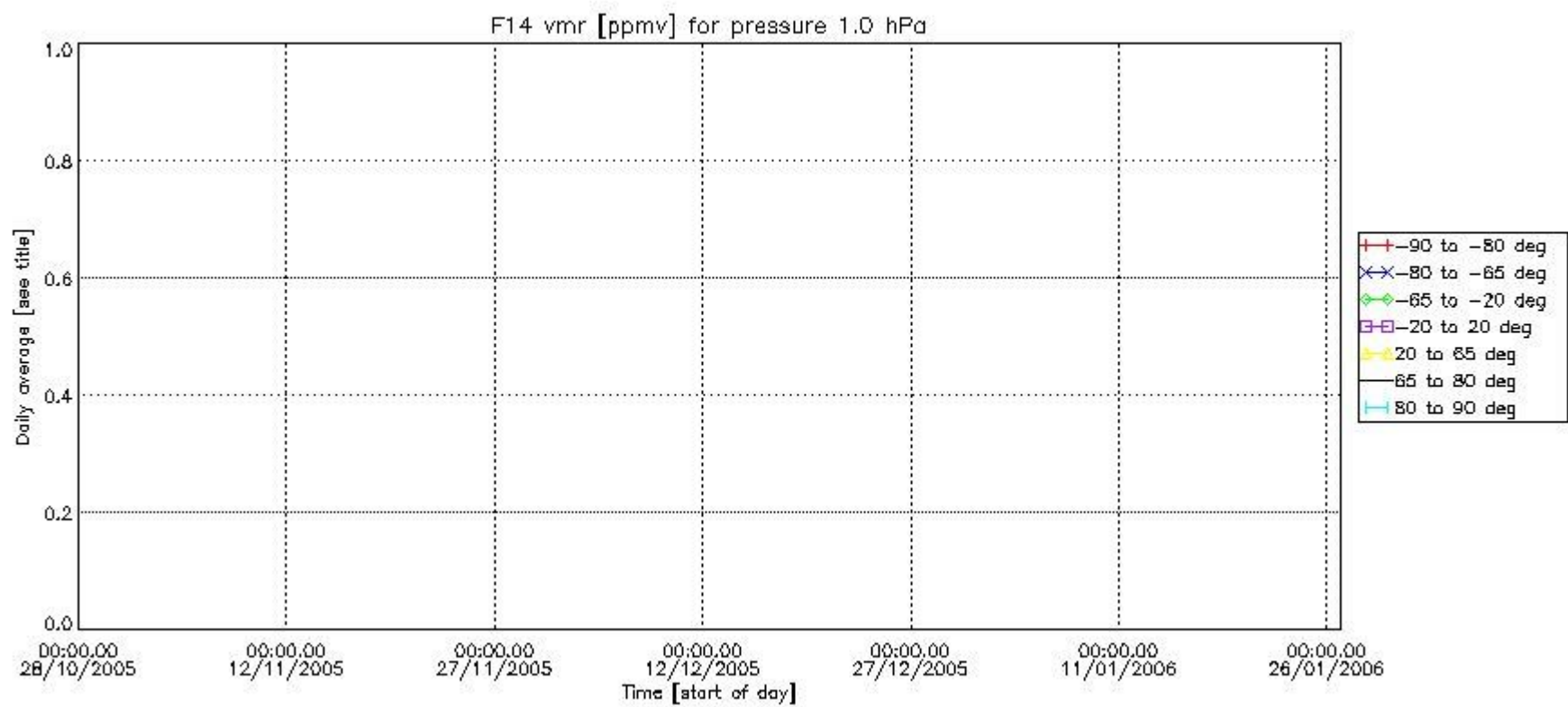
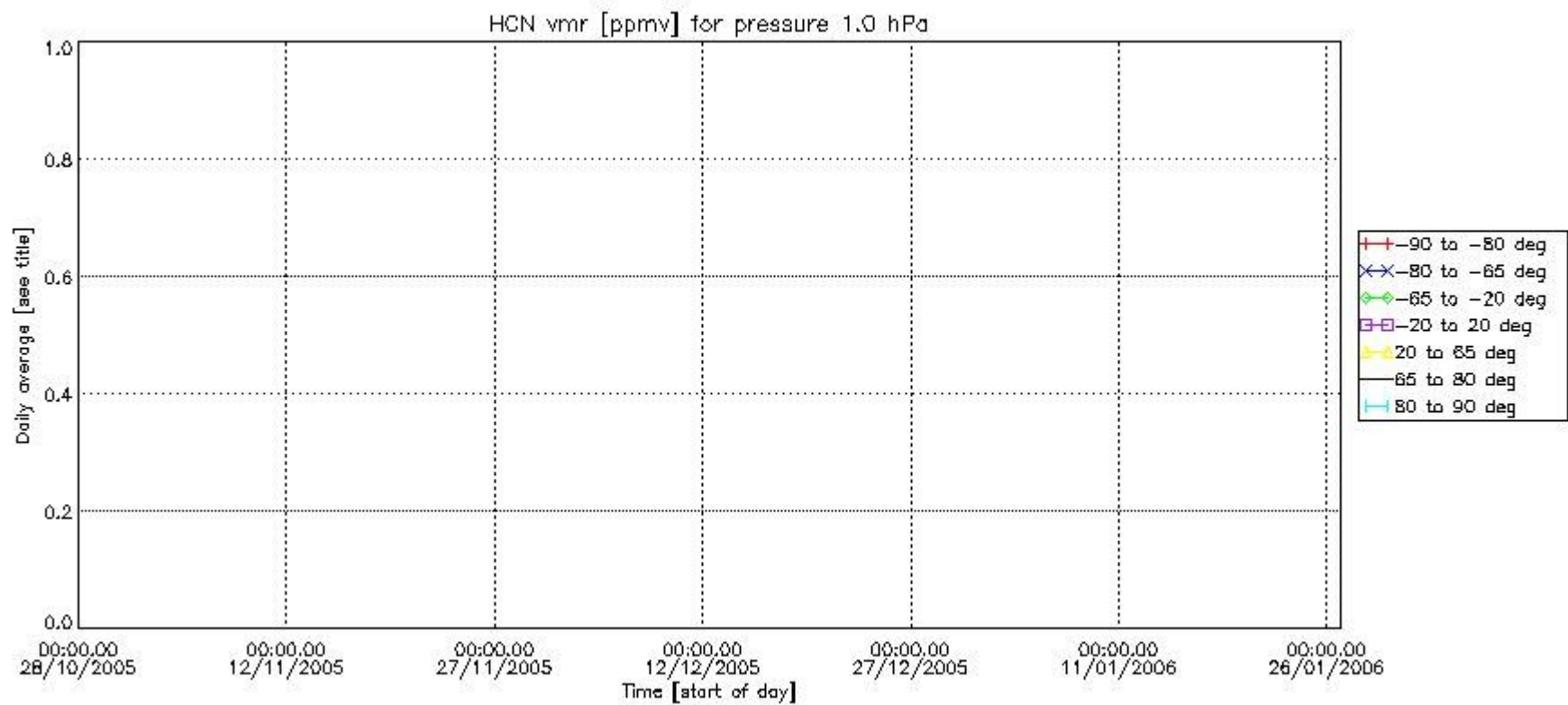


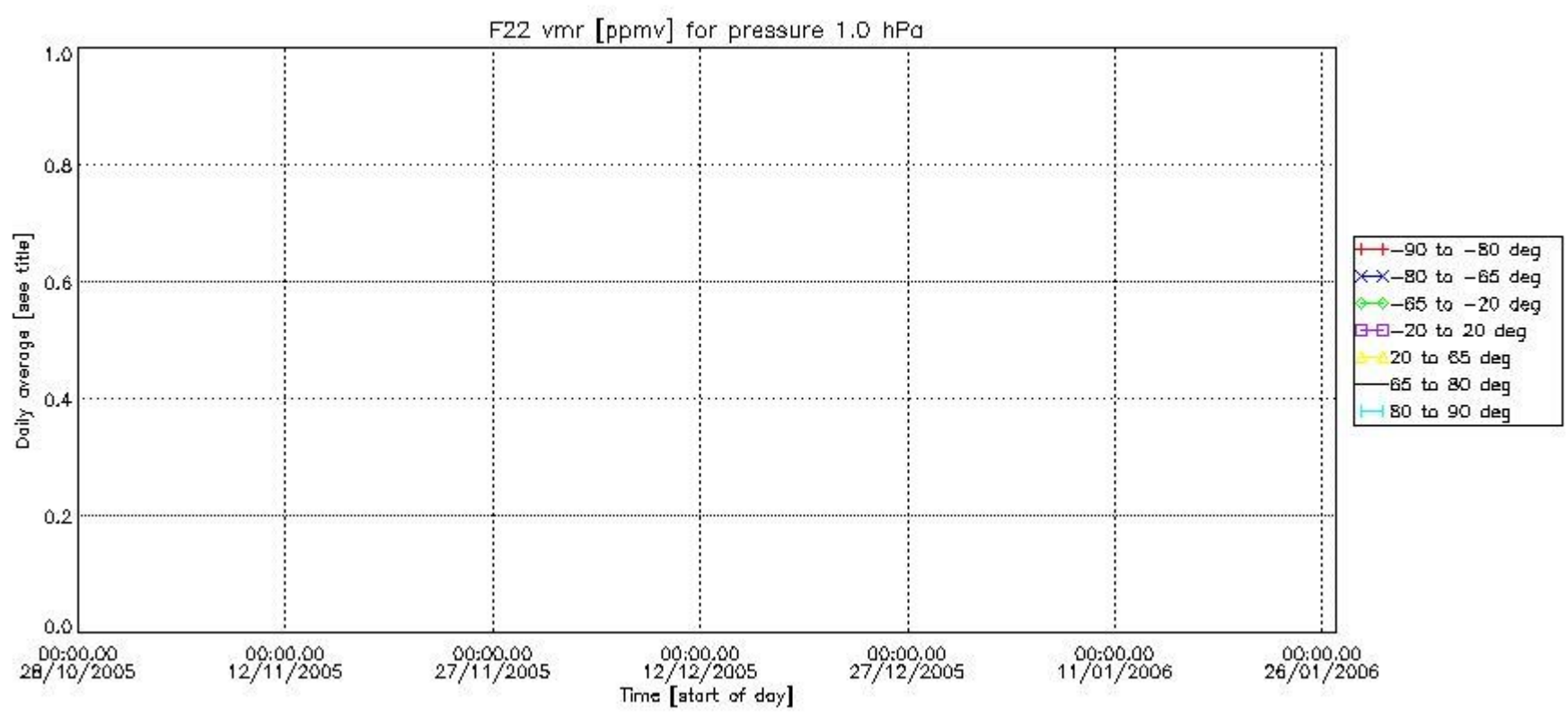












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

