

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060225.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 13:23:42
Data source version	ML2PP/7.03-W
Processing scope for products	25FEB2006 00:00:00 to 26FEB2006 00:00:00
Start time of first product within scope	25FEB2006 00:14:18
Stop time of last product within scope	25FEB2006 22:46:30
Total number of level 2 products	9
Number of level 2 products with errors	1

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__2PWDSI20060225_001418_000000202045_00259_20854_1000.N1	25FEB2006 00:14:18	25FEB2006 00:14:38	0	1/1	
1	MIP_NL__2PWDSI20060225_001502_000001692045_00260_20855_1000.N1	25FEB2006 00:15:02	25FEB2006 00:17:51	0	4/4	
2	MIP_NL__2PWDSI20060225_033637_000000082045_00262_20857_1000.N1	25FEB2006 03:36:37	25FEB2006 03:36:46	1	1/1	
3	MIP_NL__2PWDSI20060225_053355_000049482045_00263_20858_1000.N1	25FEB2006 05:33:55	25FEB2006 06:56:23	0	105/105	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:2; HCN/micro:2]
4	MIP_NL__2PWDSI20060225_065713_000060312045_00264_20859_1000.N1	25FEB2006 06:57:13	25FEB2006 08:37:45	0	115/115	VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:2]
5	MIP_NL__2PWDSI20060225_083751_000026272045_00265_20860_1000.N1	25FEB2006 08:37:51	25FEB2006 09:21:38	0	58/58	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]
6	MIP_NL__2PWDSI20060225_185843_000049482045_00271_20866_1000.N1	25FEB2006 18:58:43	25FEB2006 20:21:11	0	105/105	VMR_TERM_MACRO_MICRO[F14/macro:1; CCL4/micro:1; HCN/micro:2]
7	MIP_NL__2PWDSI20060225_202201_000060362045_00272_20867_1000.N1	25FEB2006 20:22:01	25FEB2006 22:02:37	0	133/133	VMR_TERM_MACRO_MICRO[HCN/micro:1; F14/micro:1]
8	MIP_NL__2PWDSI20060225_220243_000026272045_00273_20868_1000.N1	25FEB2006 22:02:43	25FEB2006 22:46:30	0	58/58	P_T_TERM_MACRO_MICRO[macro:1]

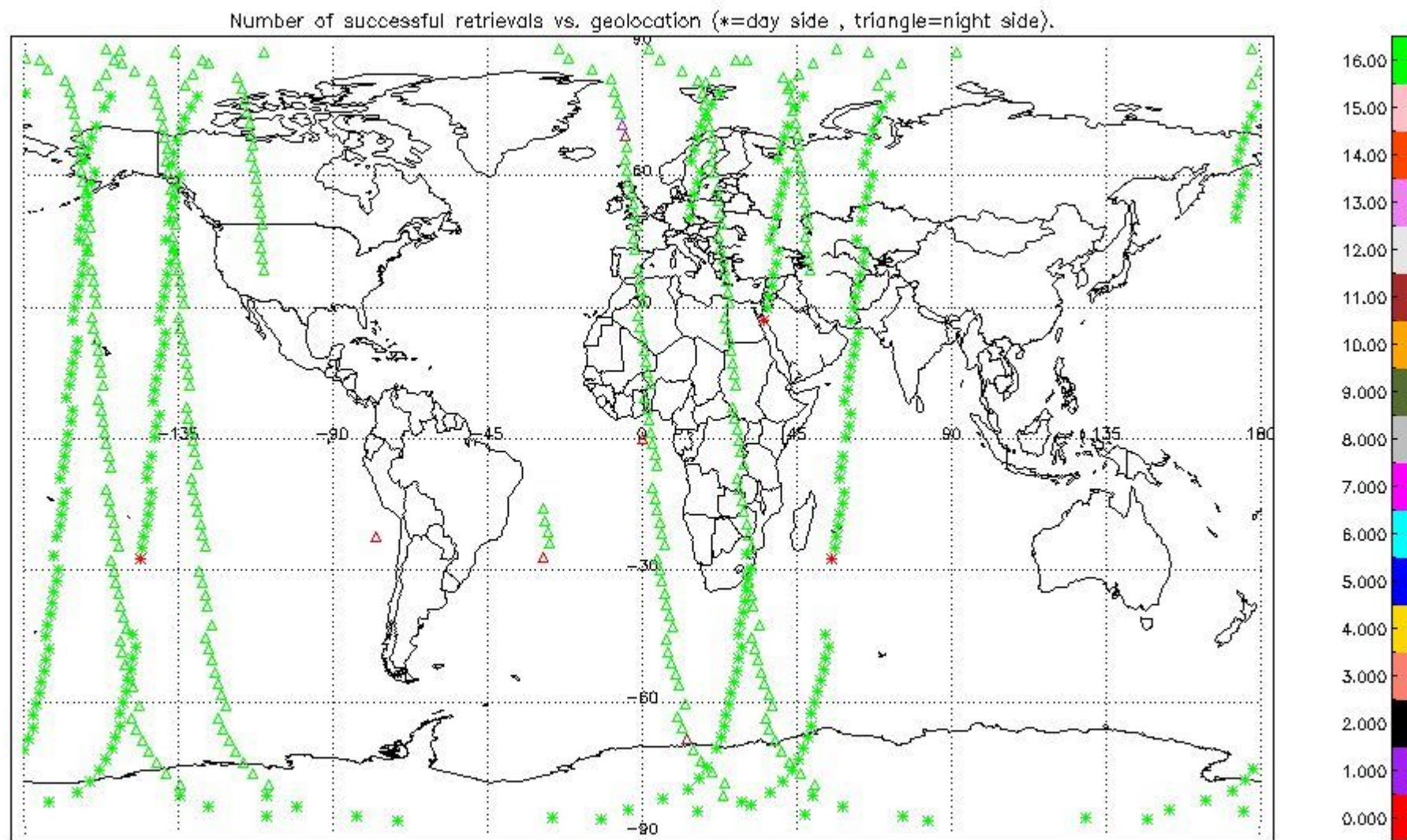
2.2 Processing performance indicators

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.

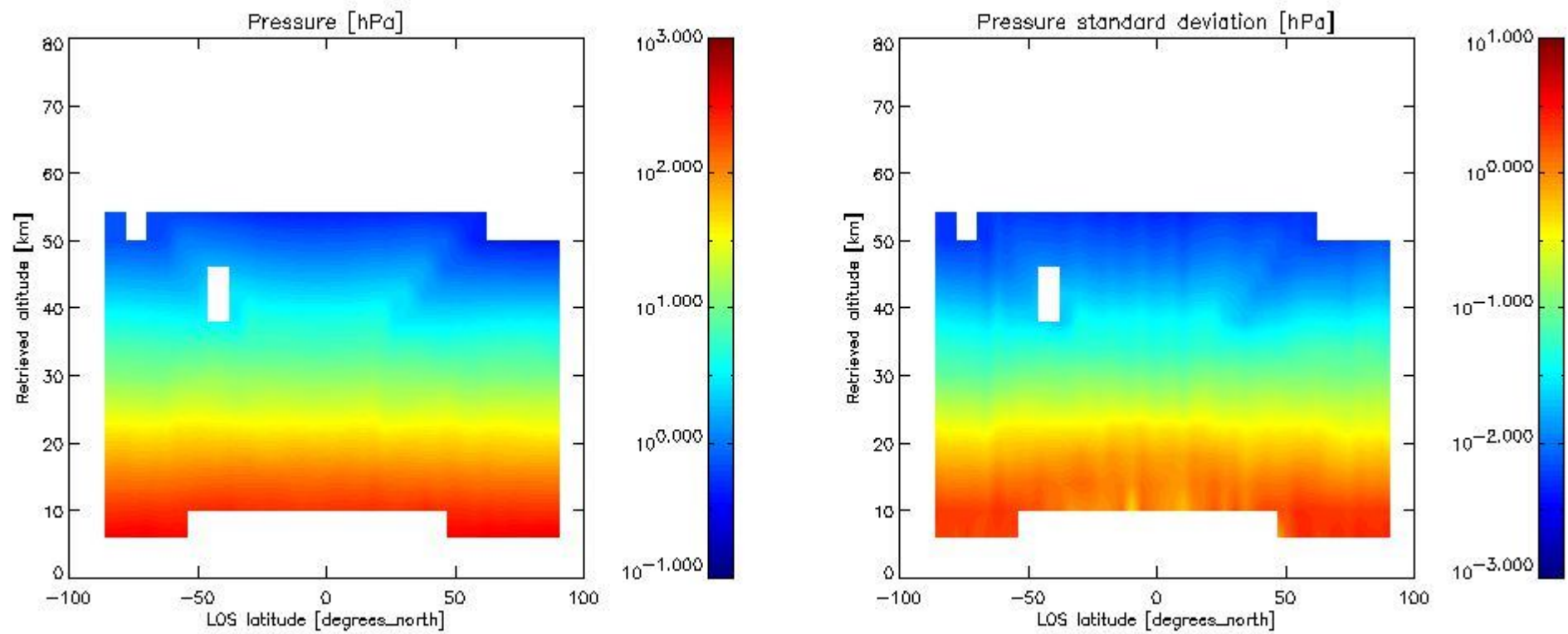
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	580	573	98.793

H2O	580	572	98.621
O3	580	572	98.621
HNO3	580	572	98.621
CH4	580	572	98.621
N2O	580	572	98.621
NO2	580	572	98.621
F11	580	570	98.276
CLNO	580	570	98.276
N2O5	580	572	98.621
F12	580	570	98.276
COF2	580	572	98.621
CCL4	580	570	98.276
HCN	580	572	98.621
F14	580	572	98.621
F22	580	570	98.276



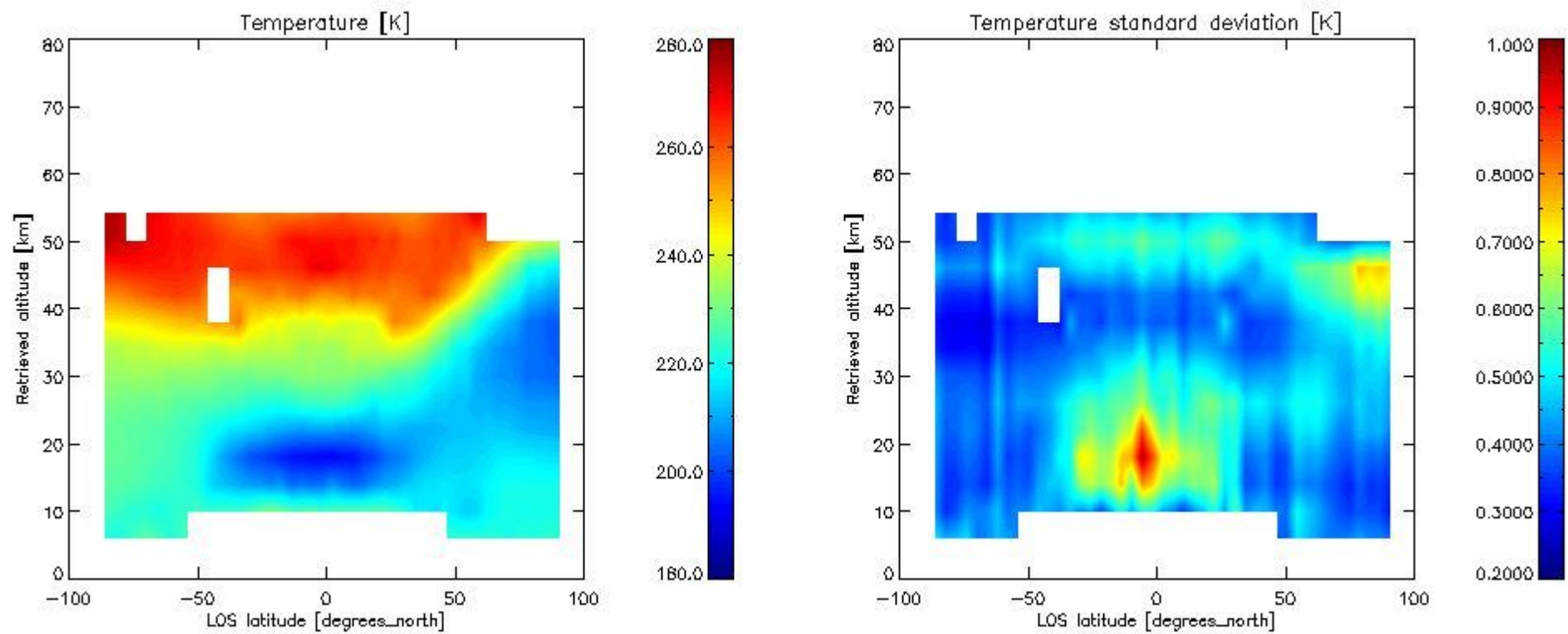
2.2.2 Pressure overview

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



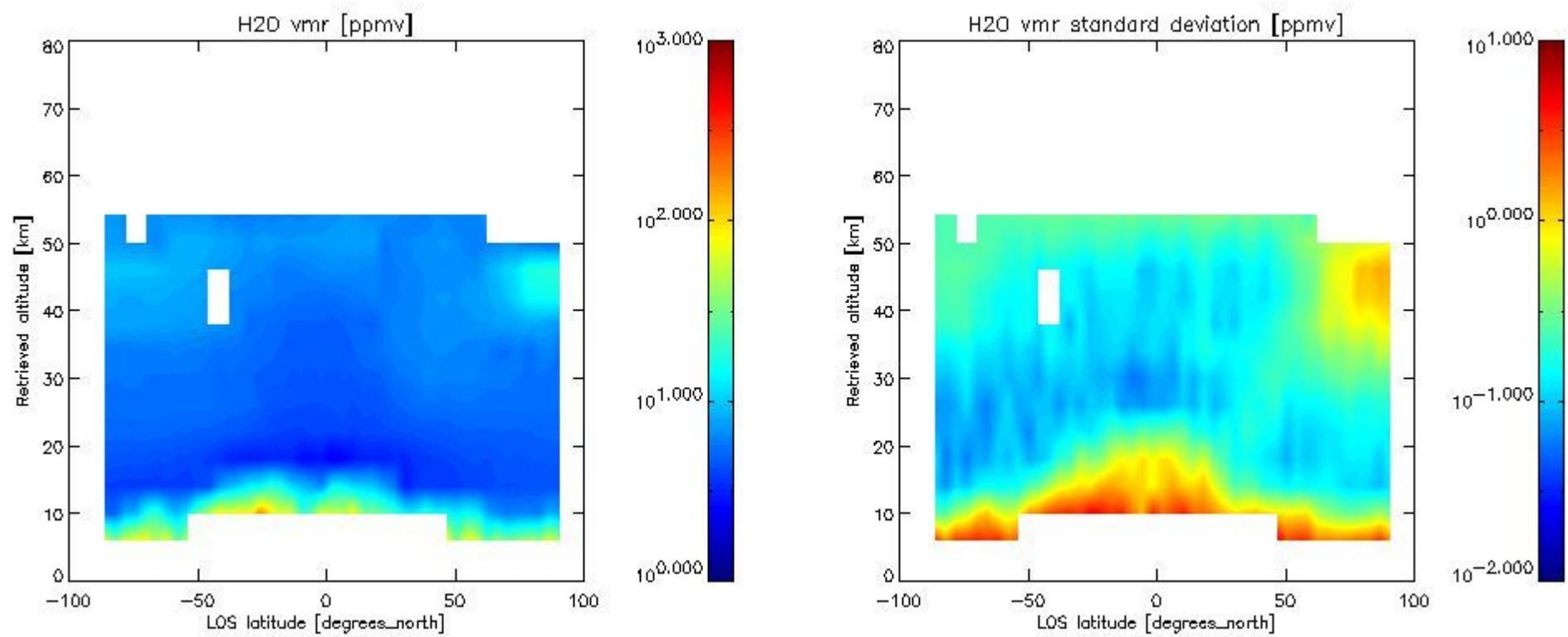
2.2.3 Temperature overview

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

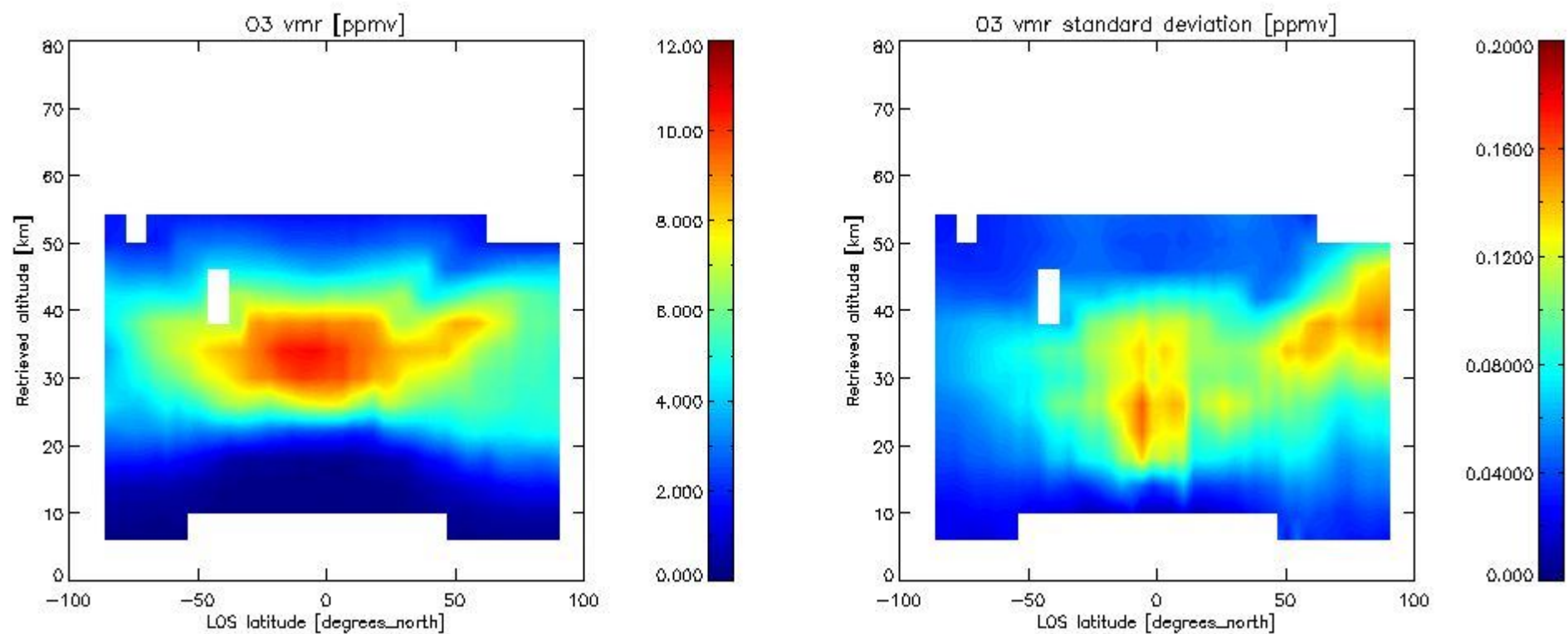


2.2.4 Species overview

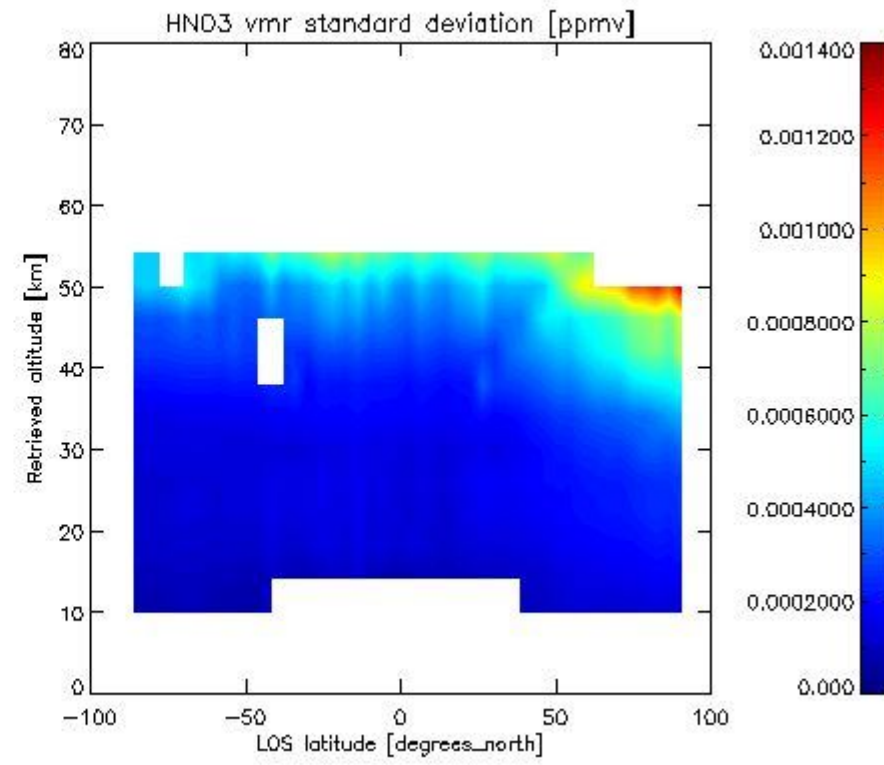
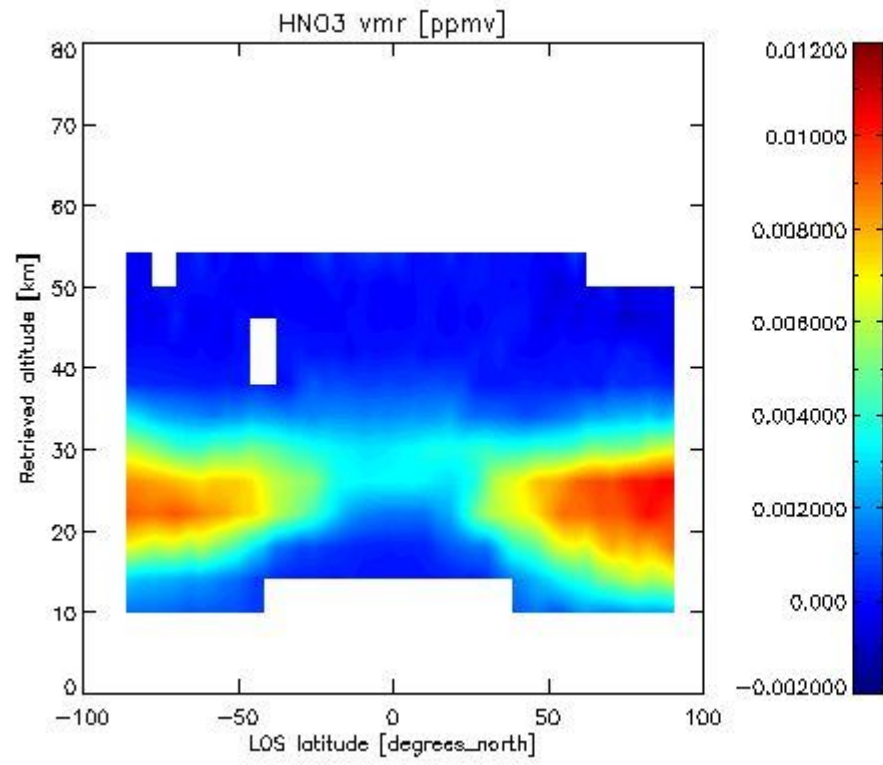
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



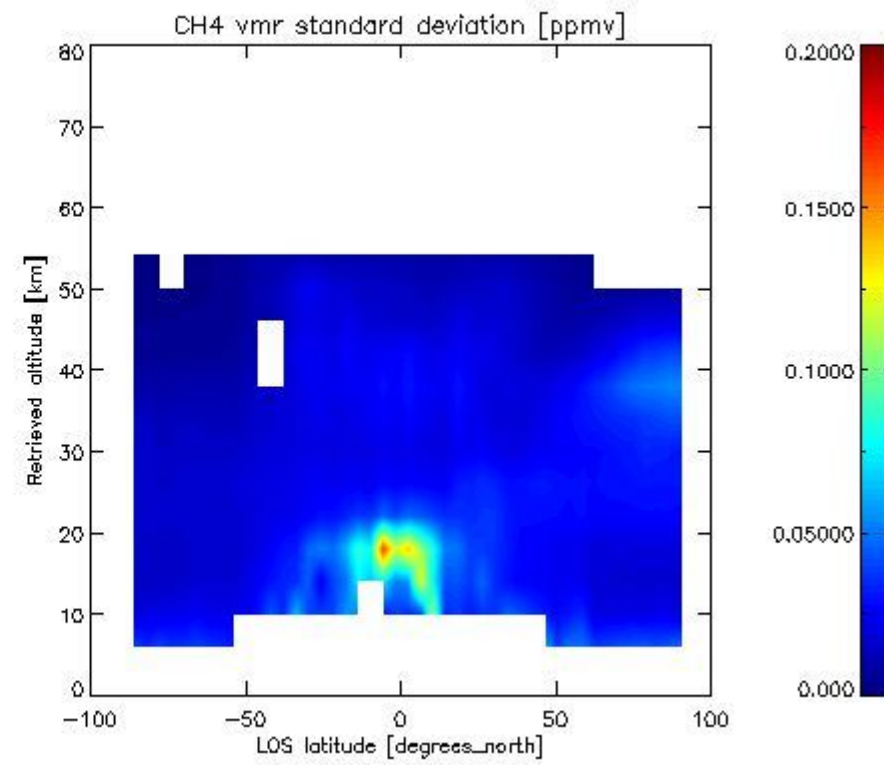
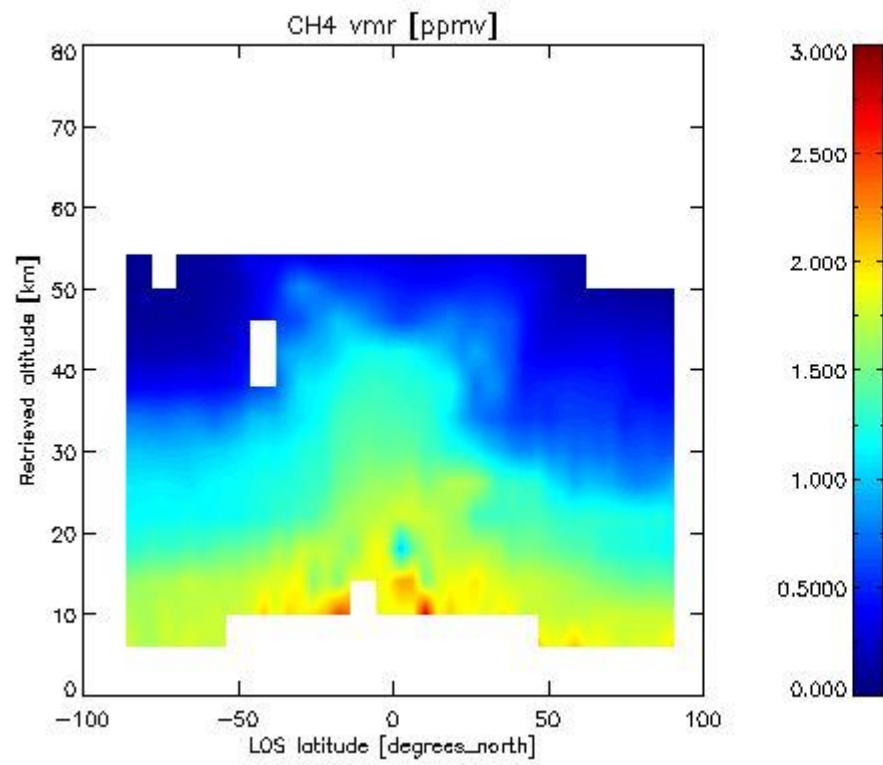
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



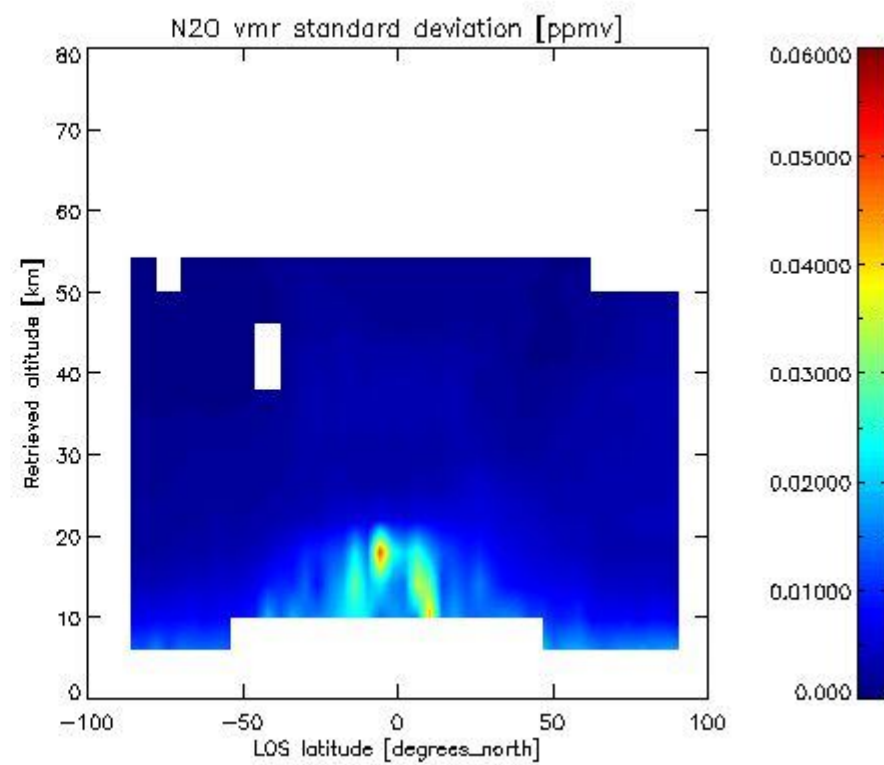
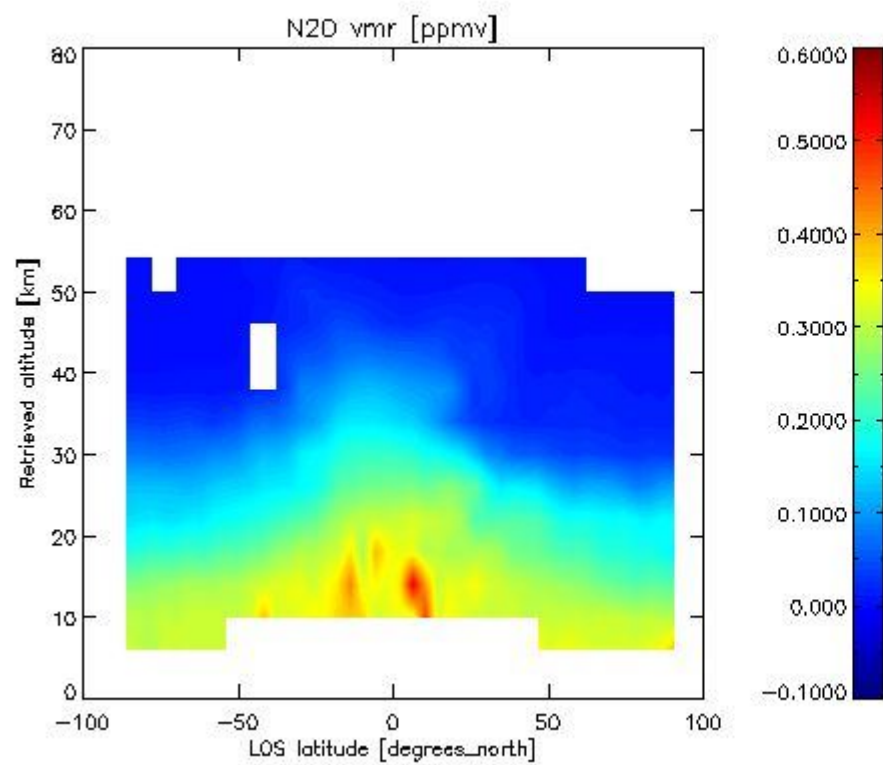
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



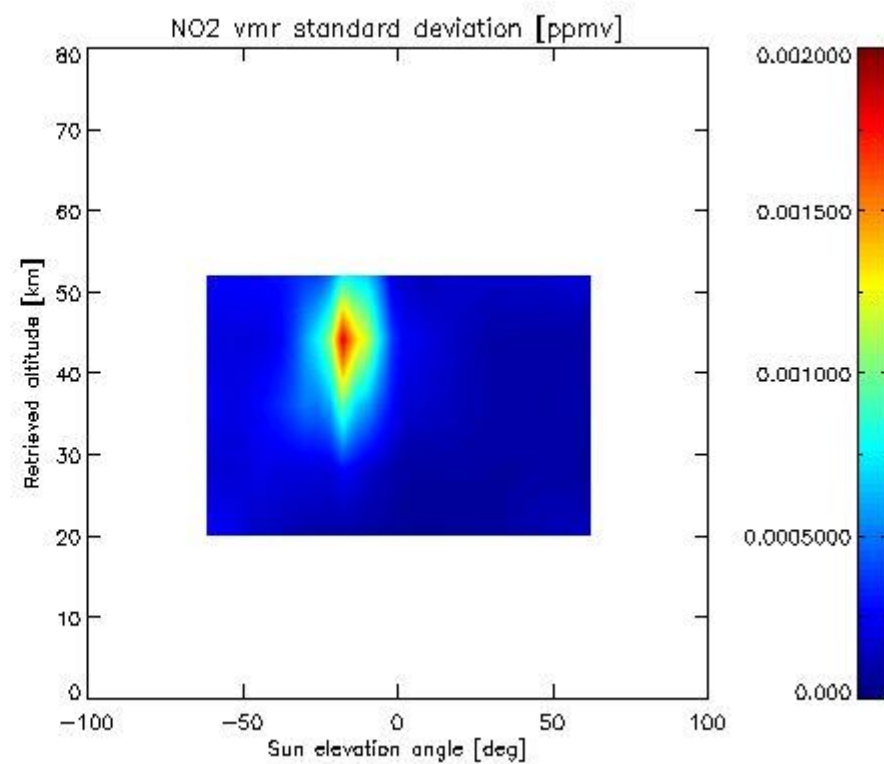
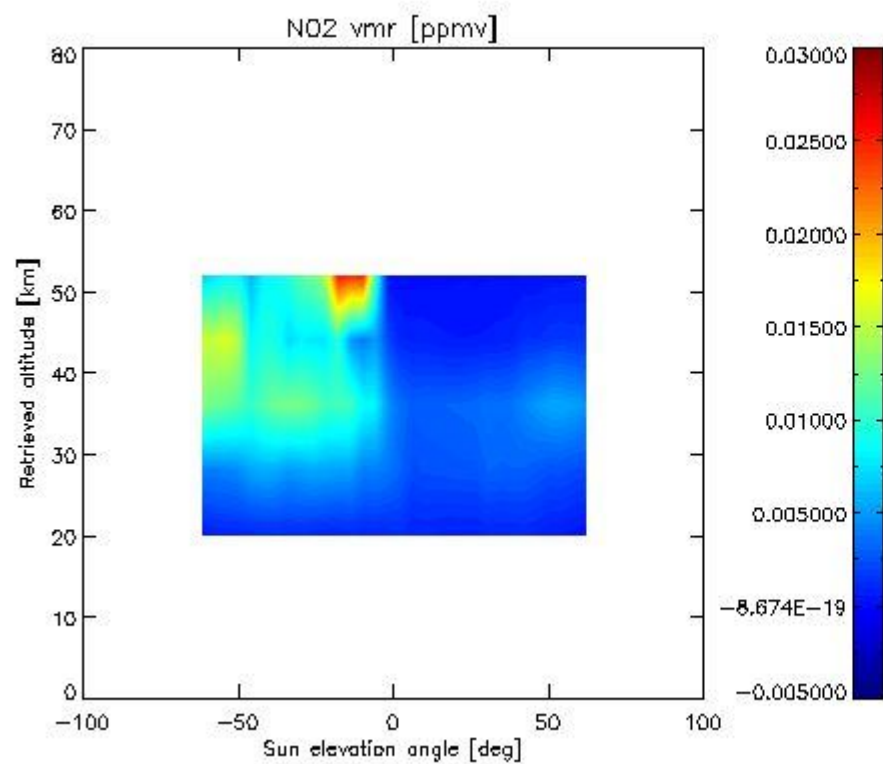
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



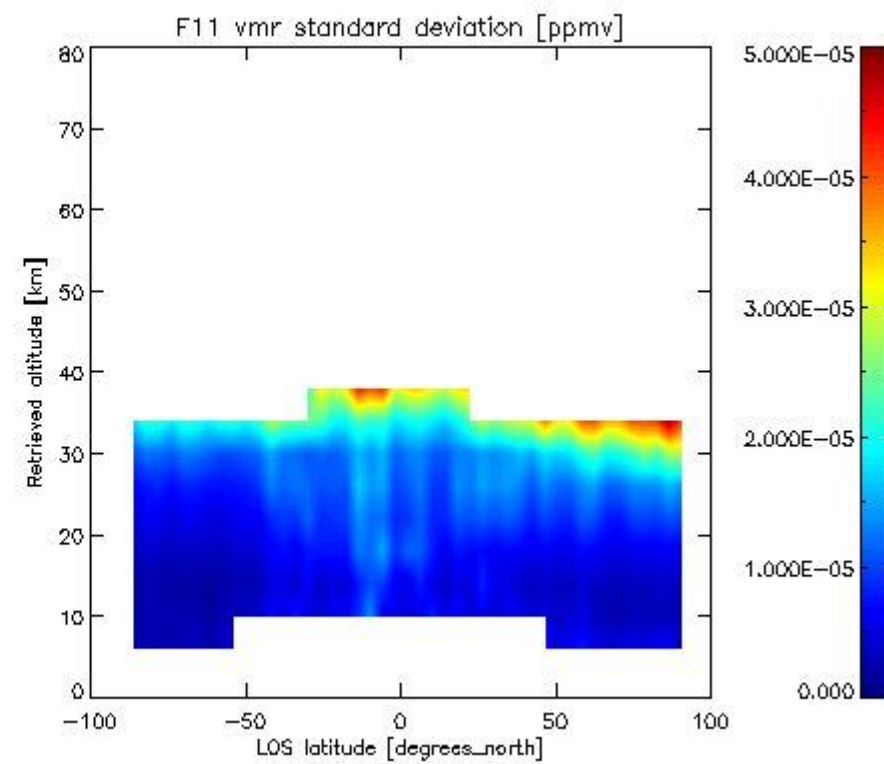
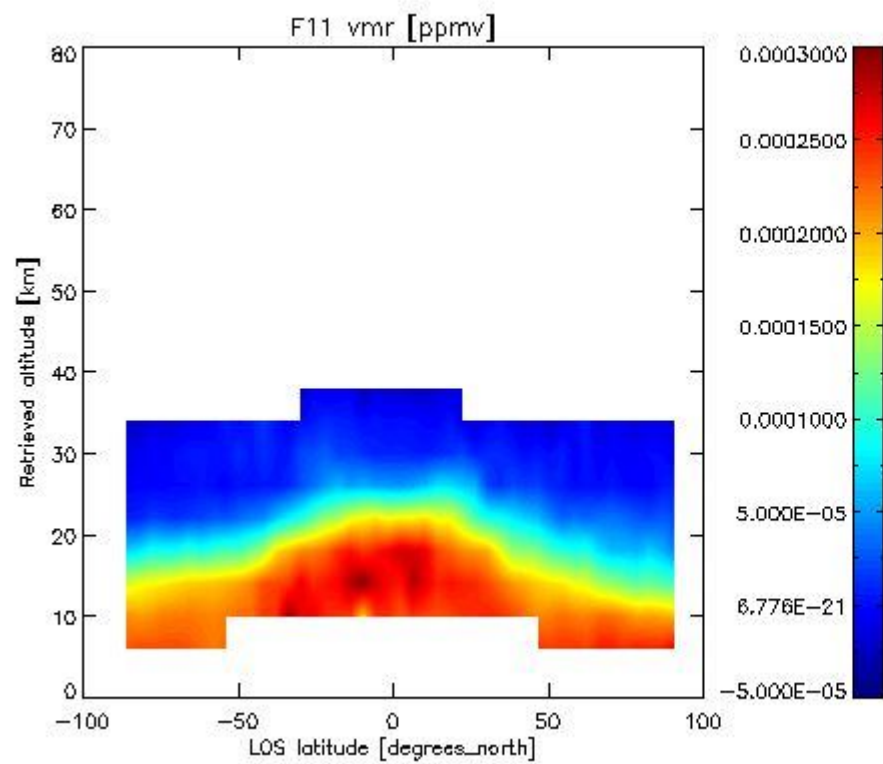
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



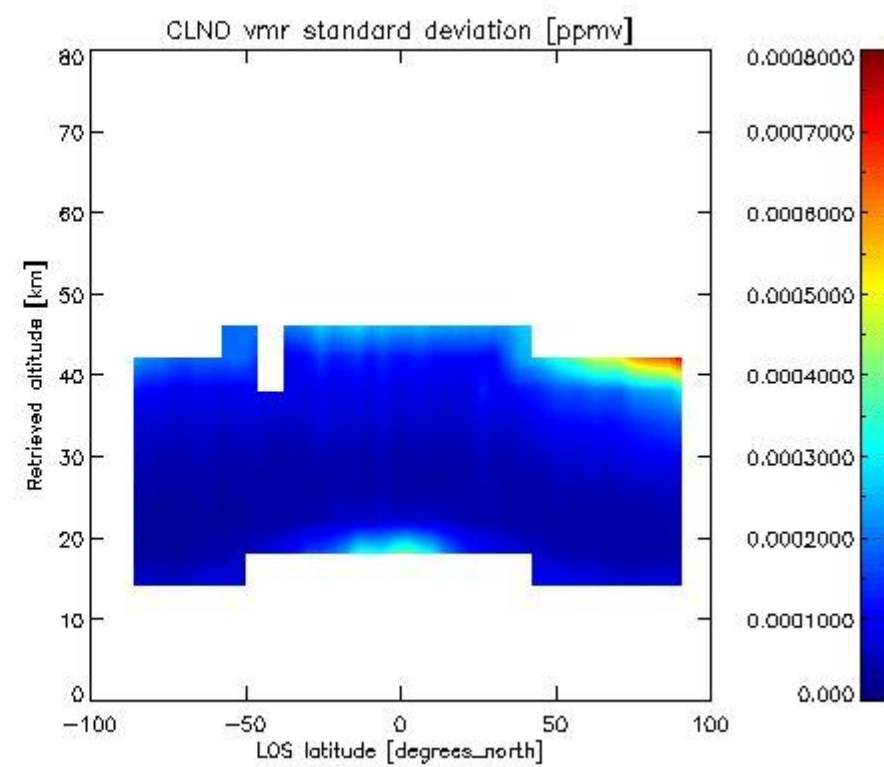
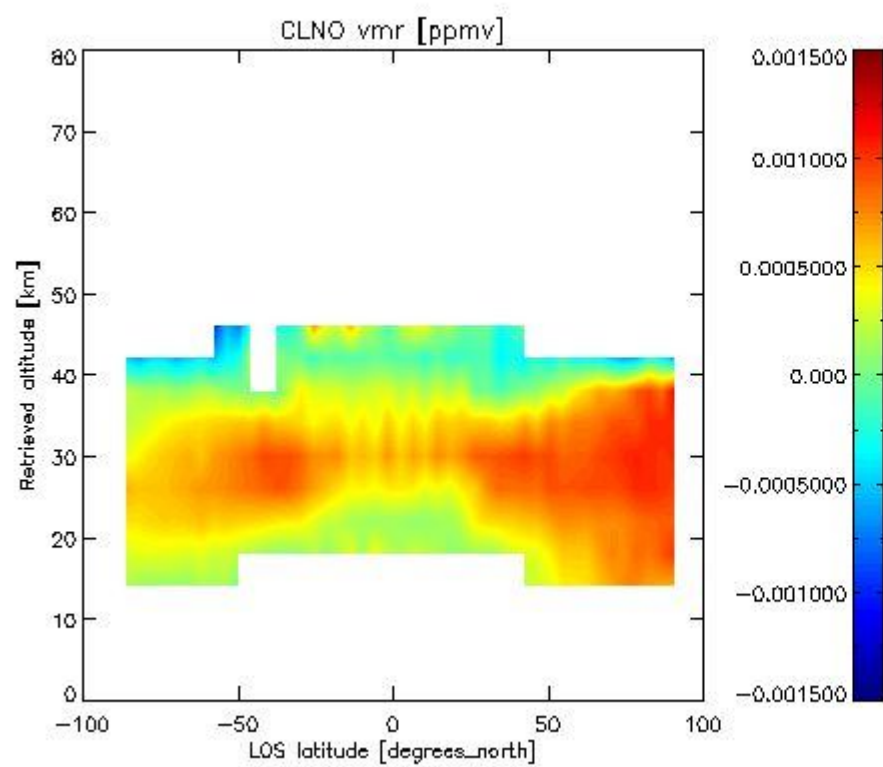
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 8 km.

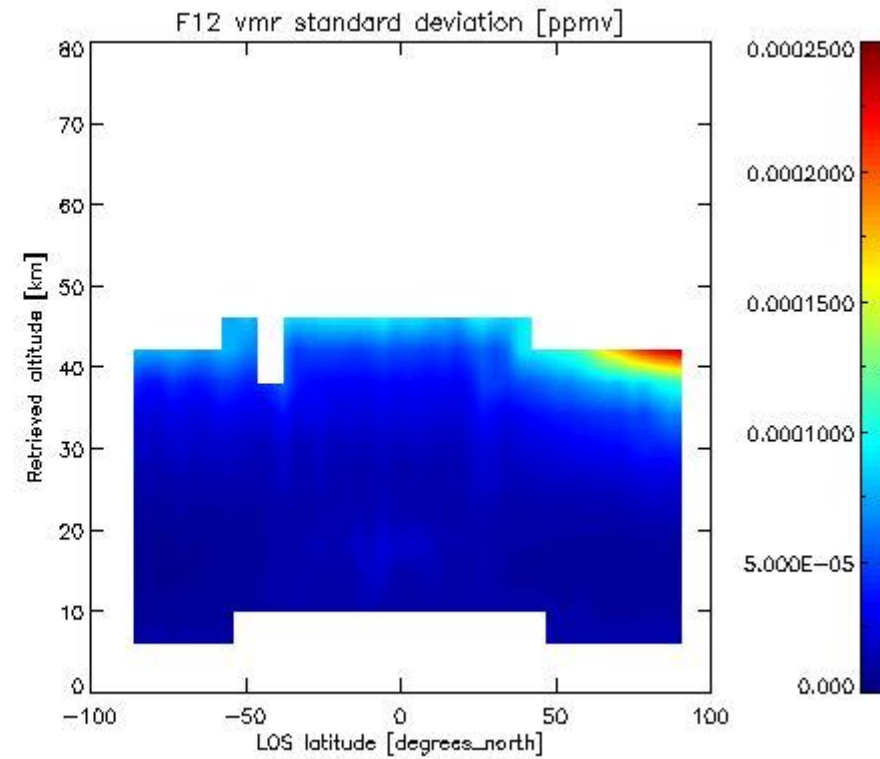
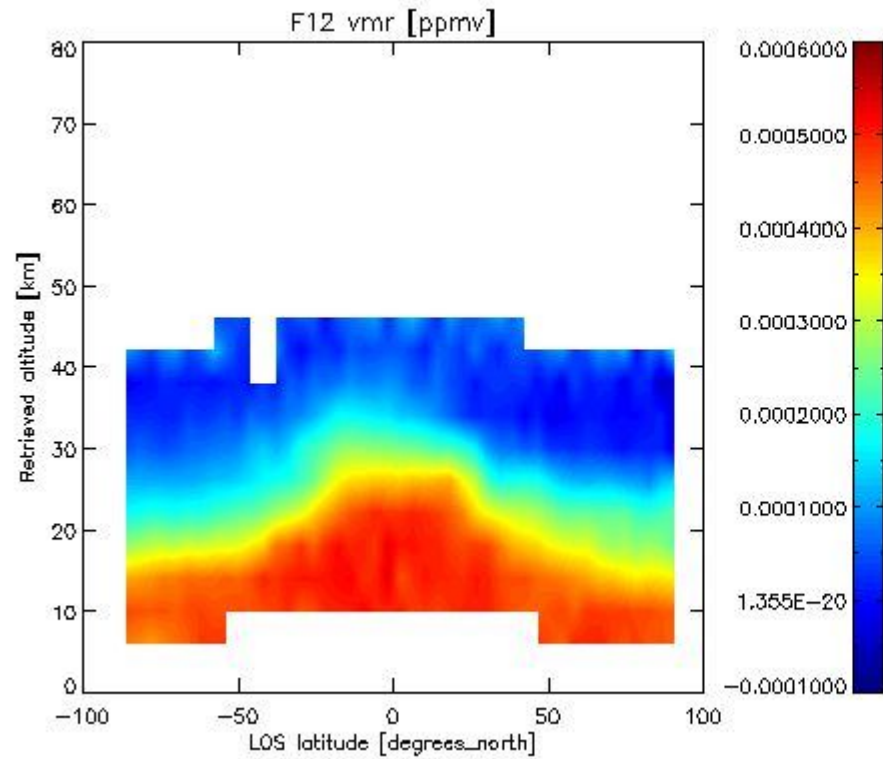
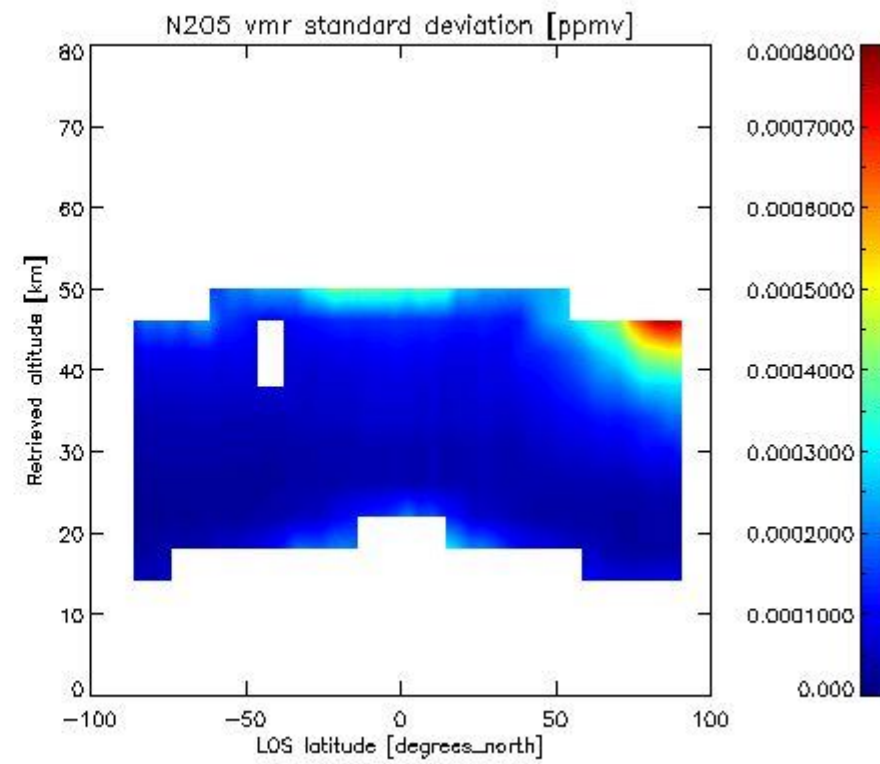
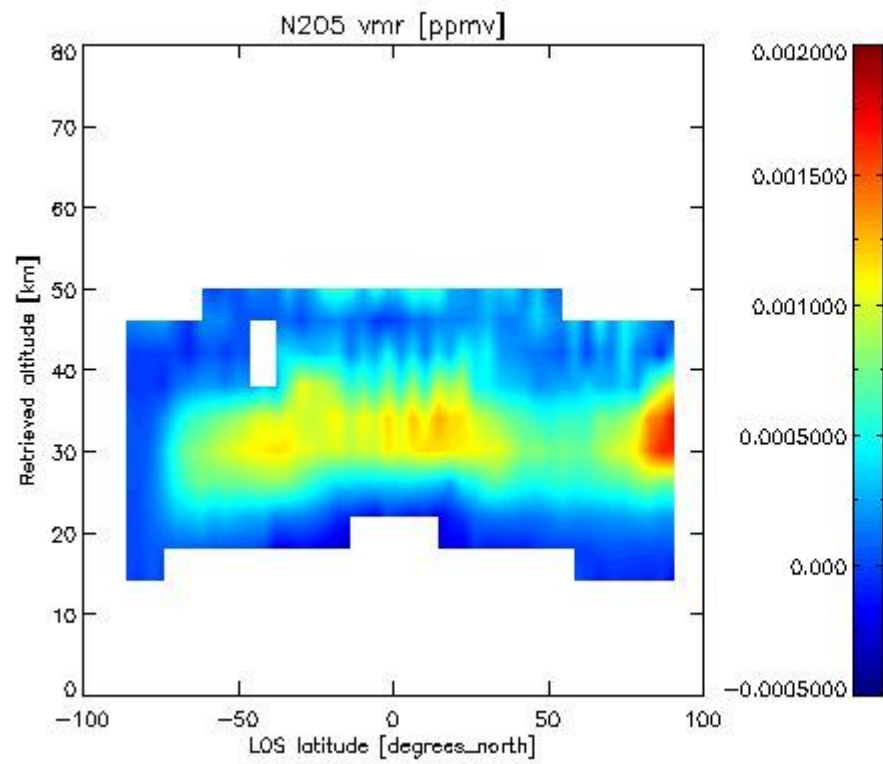


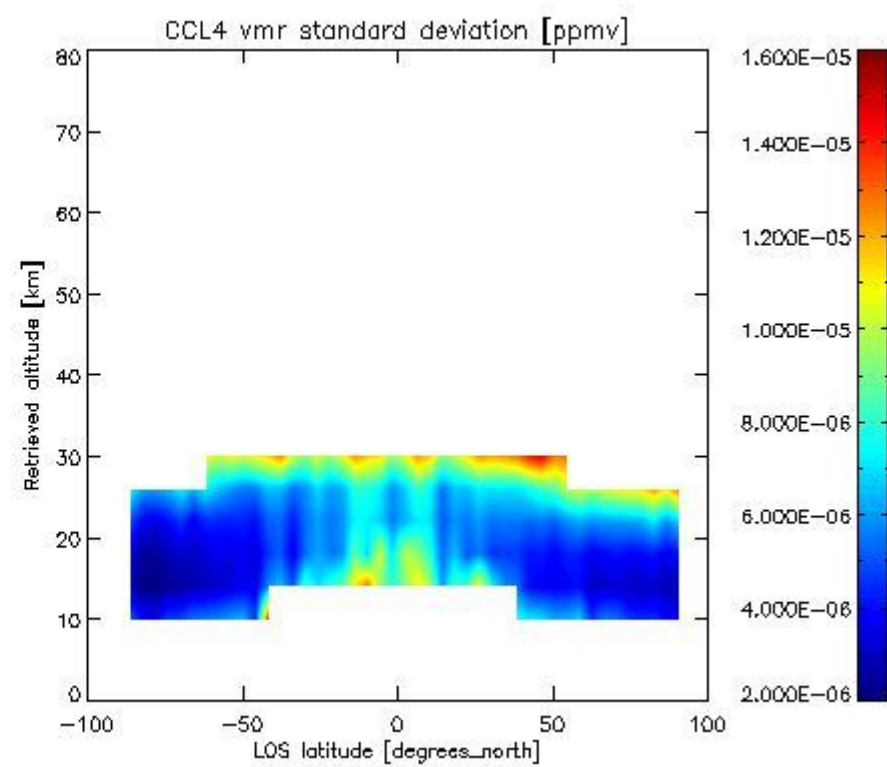
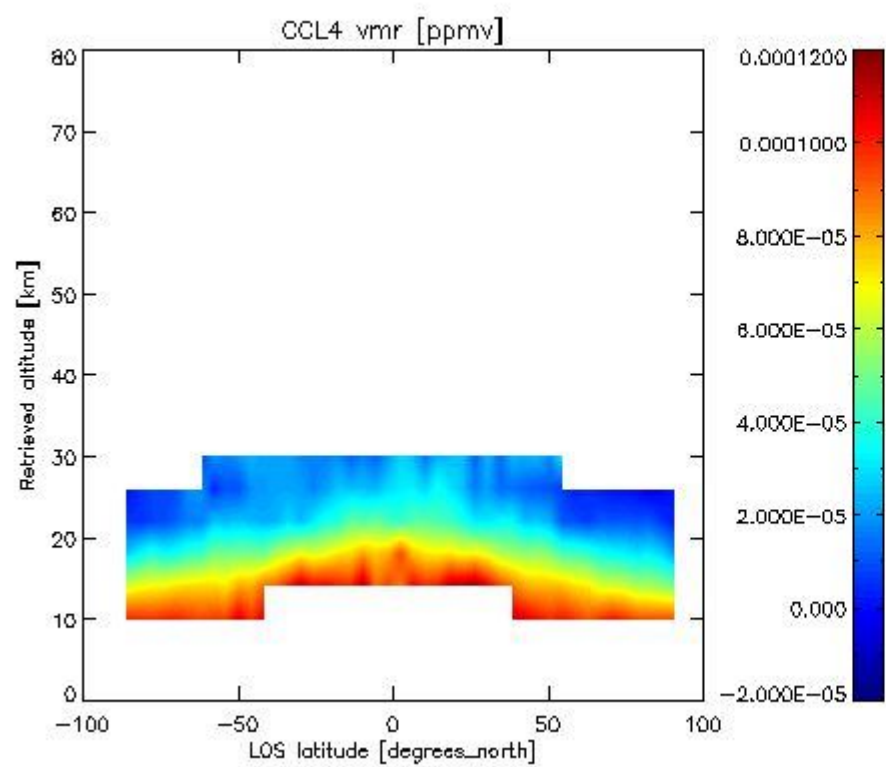
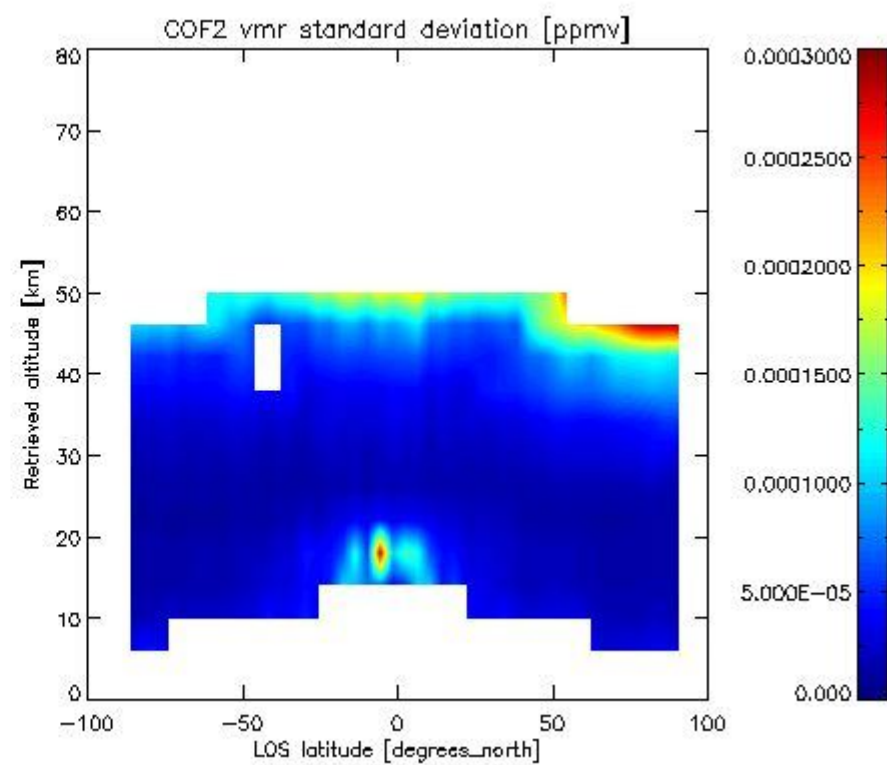
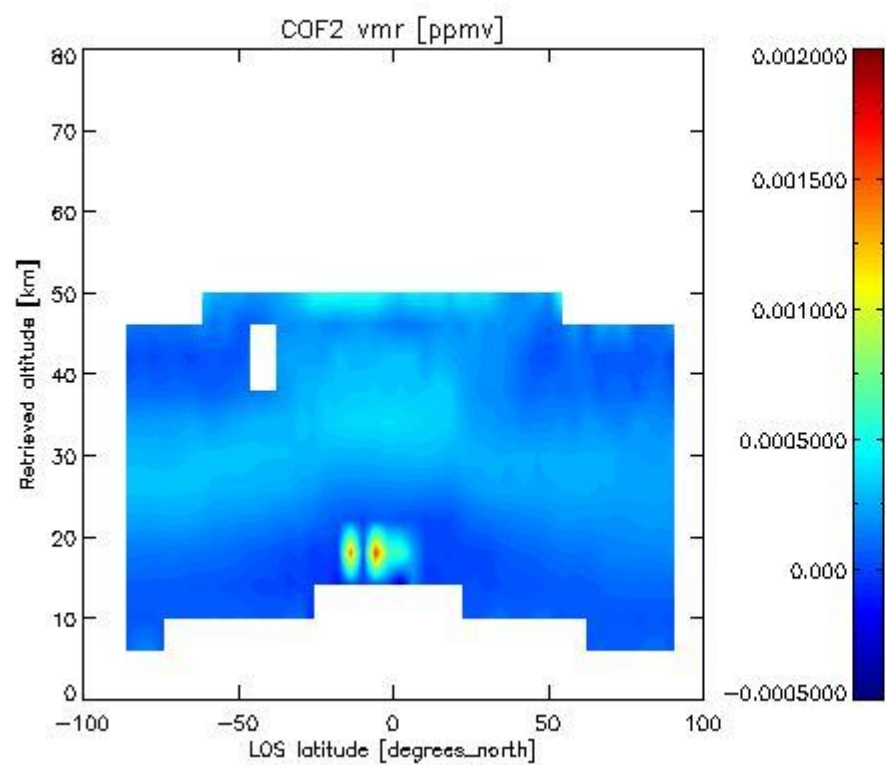
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

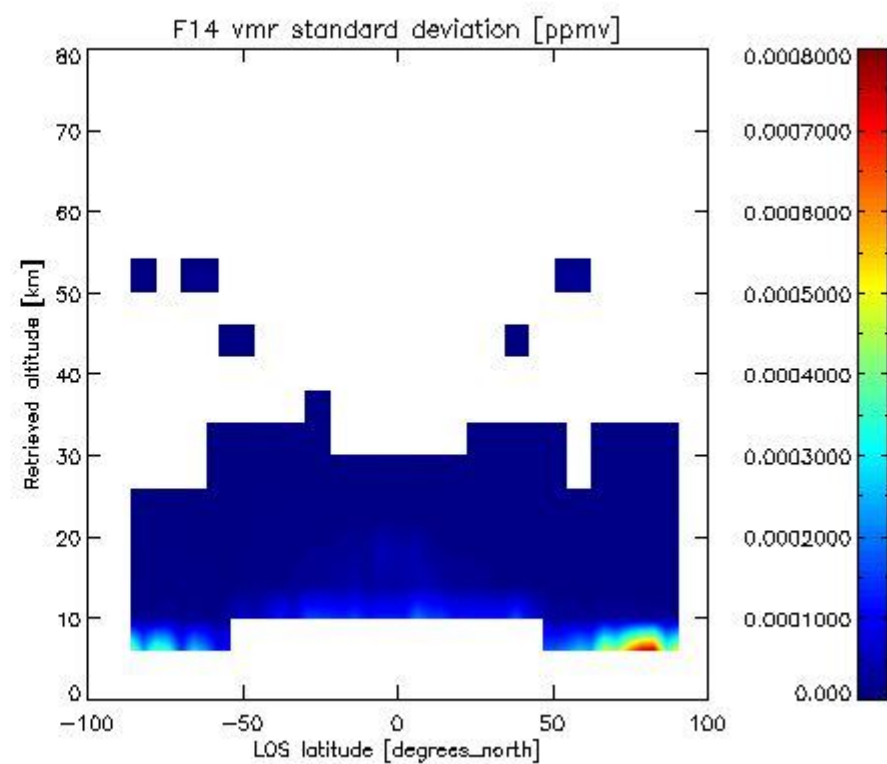
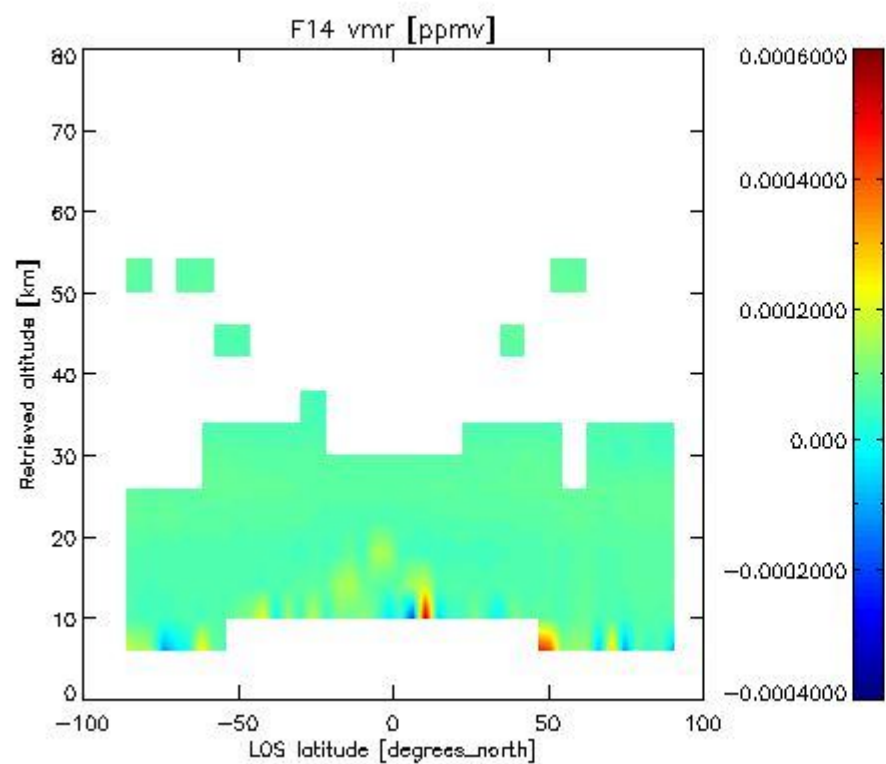
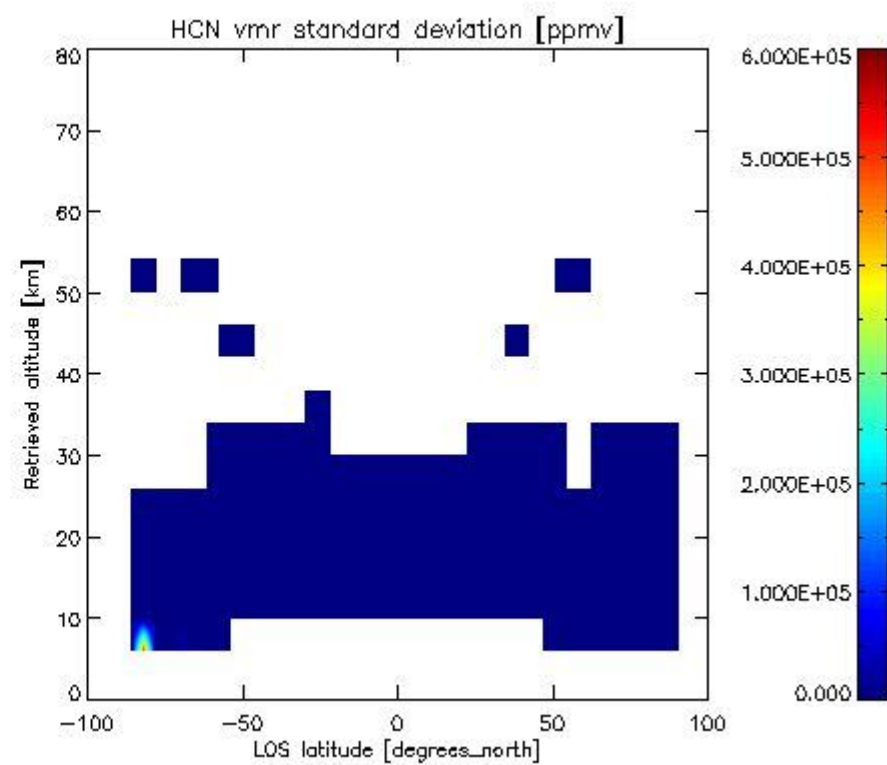
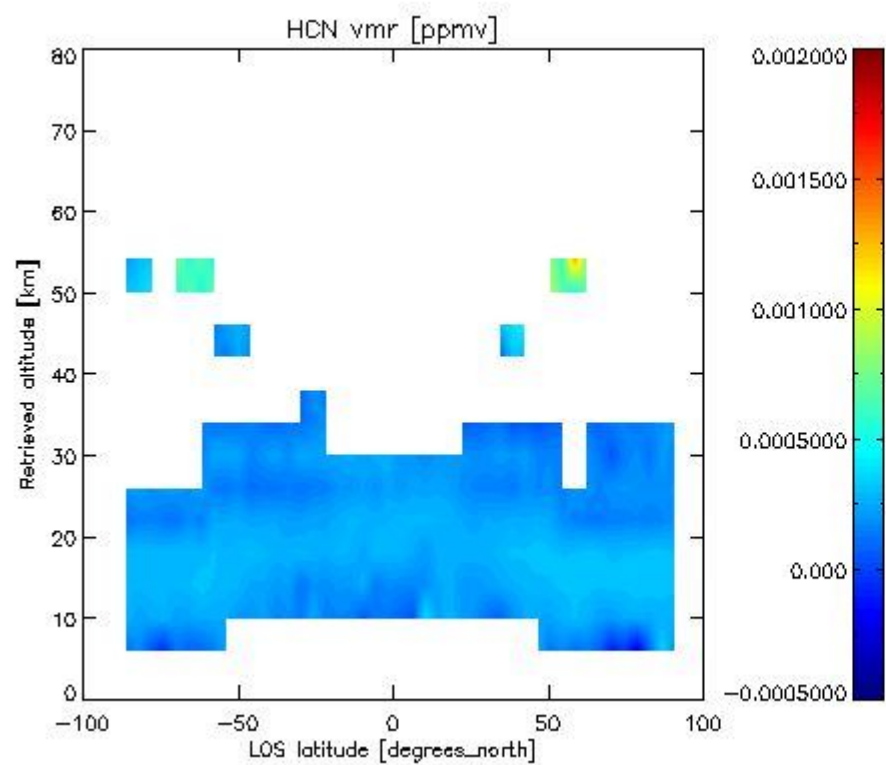


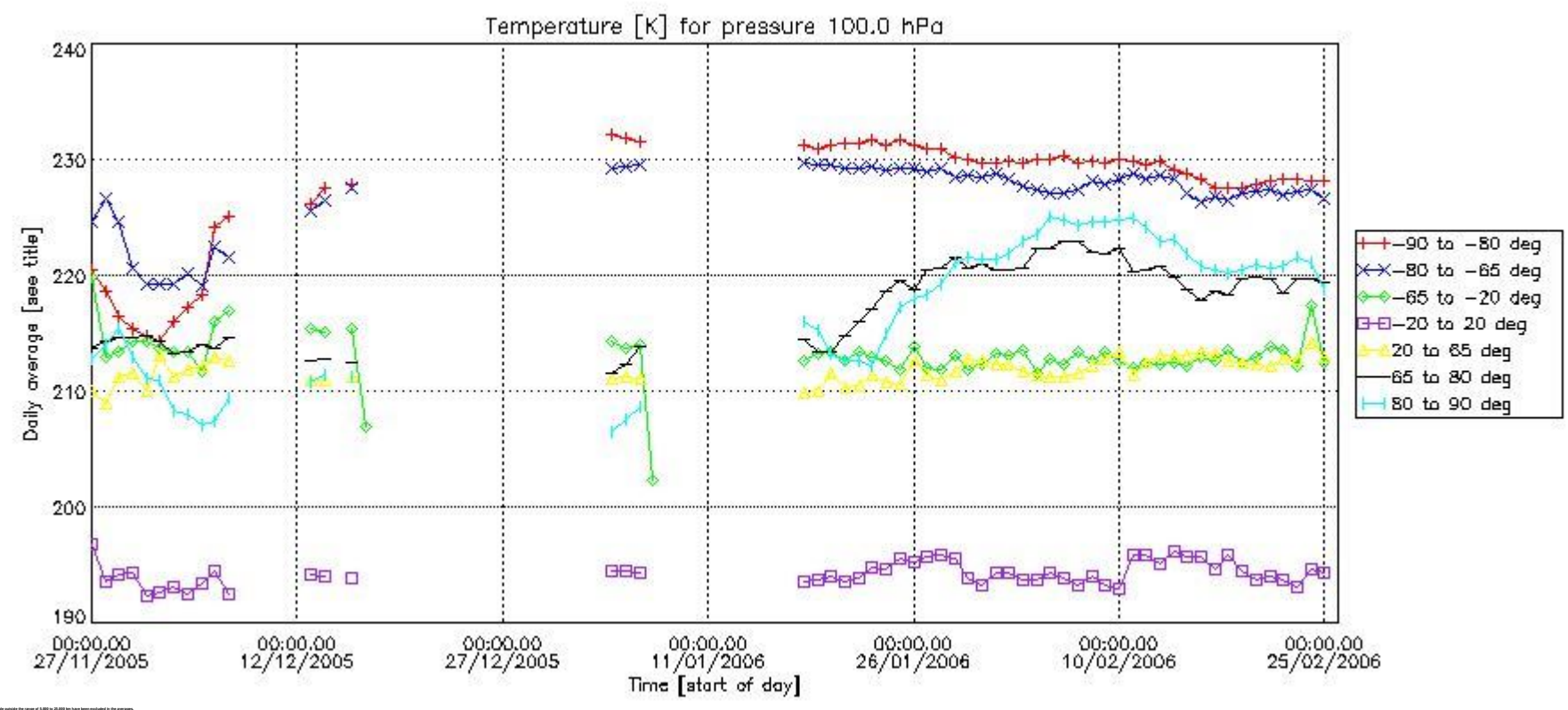
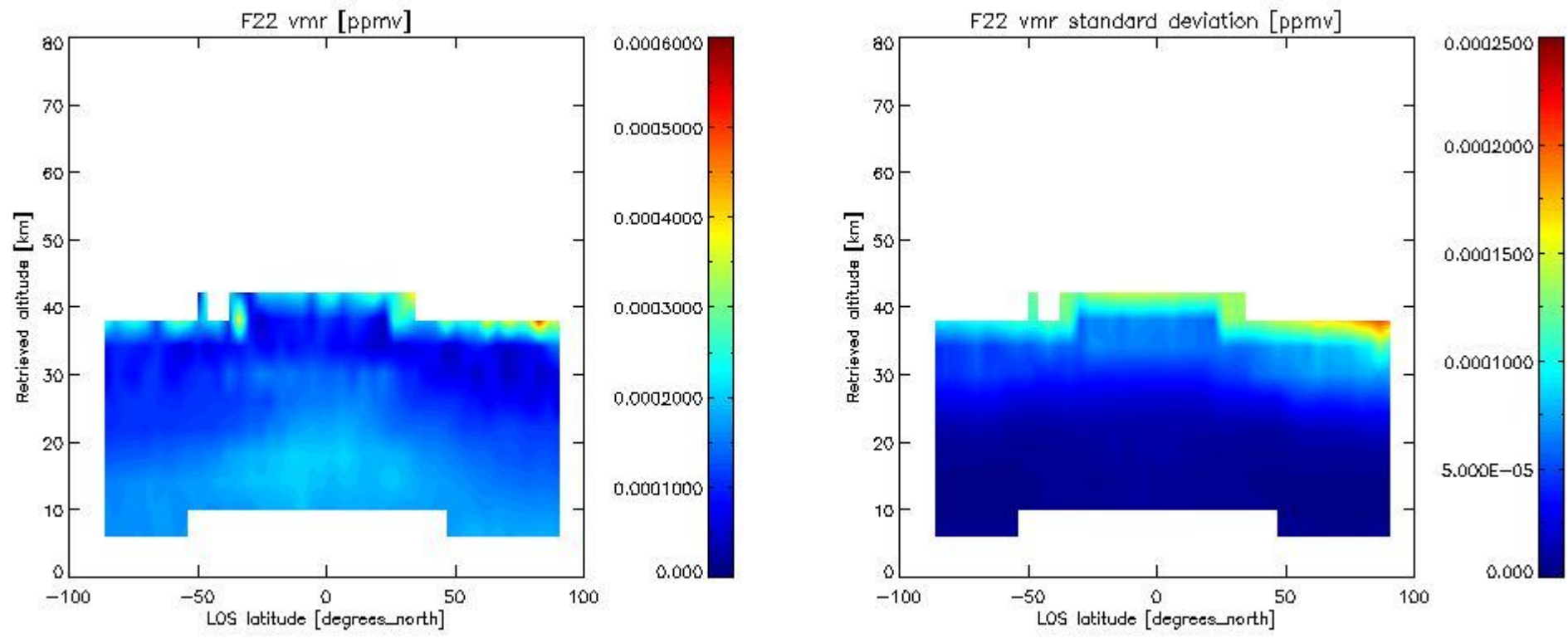
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

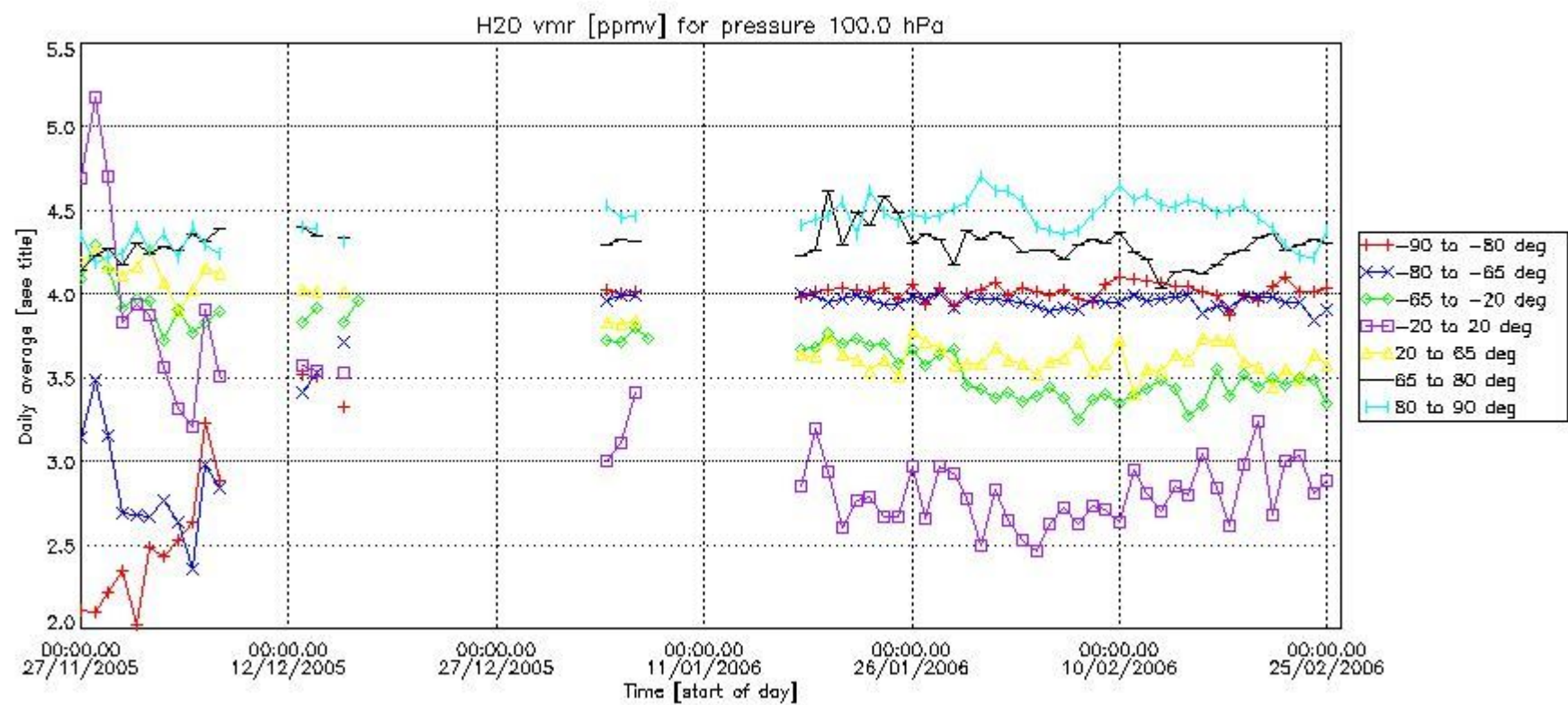
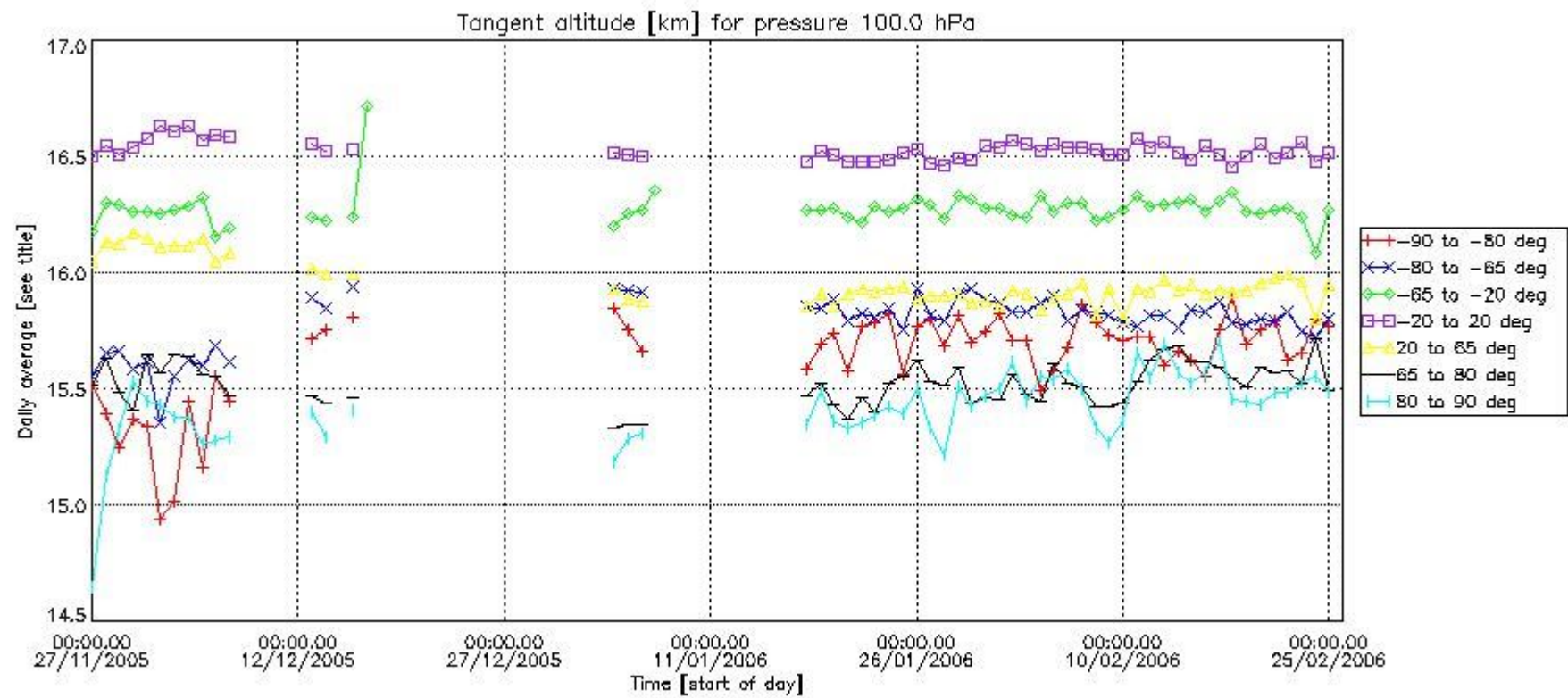


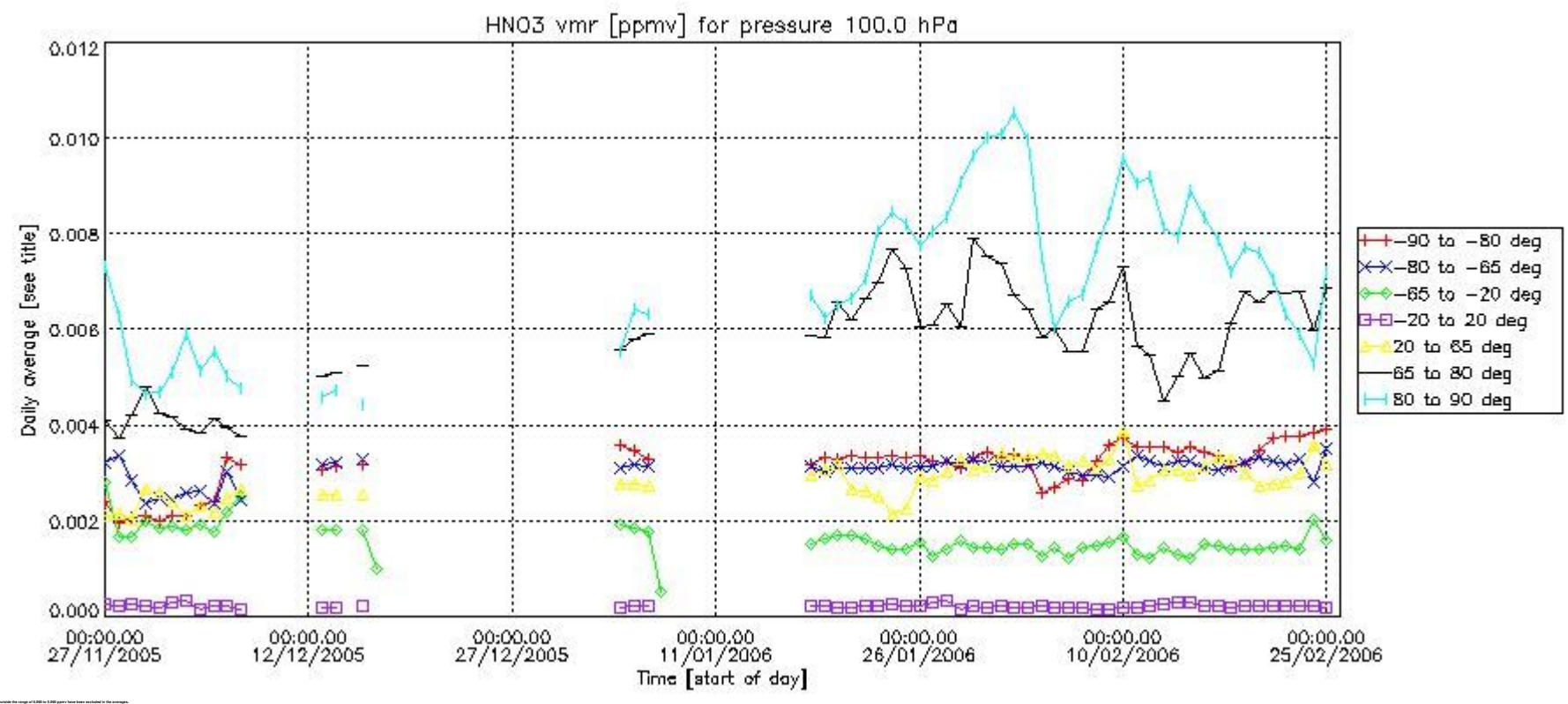
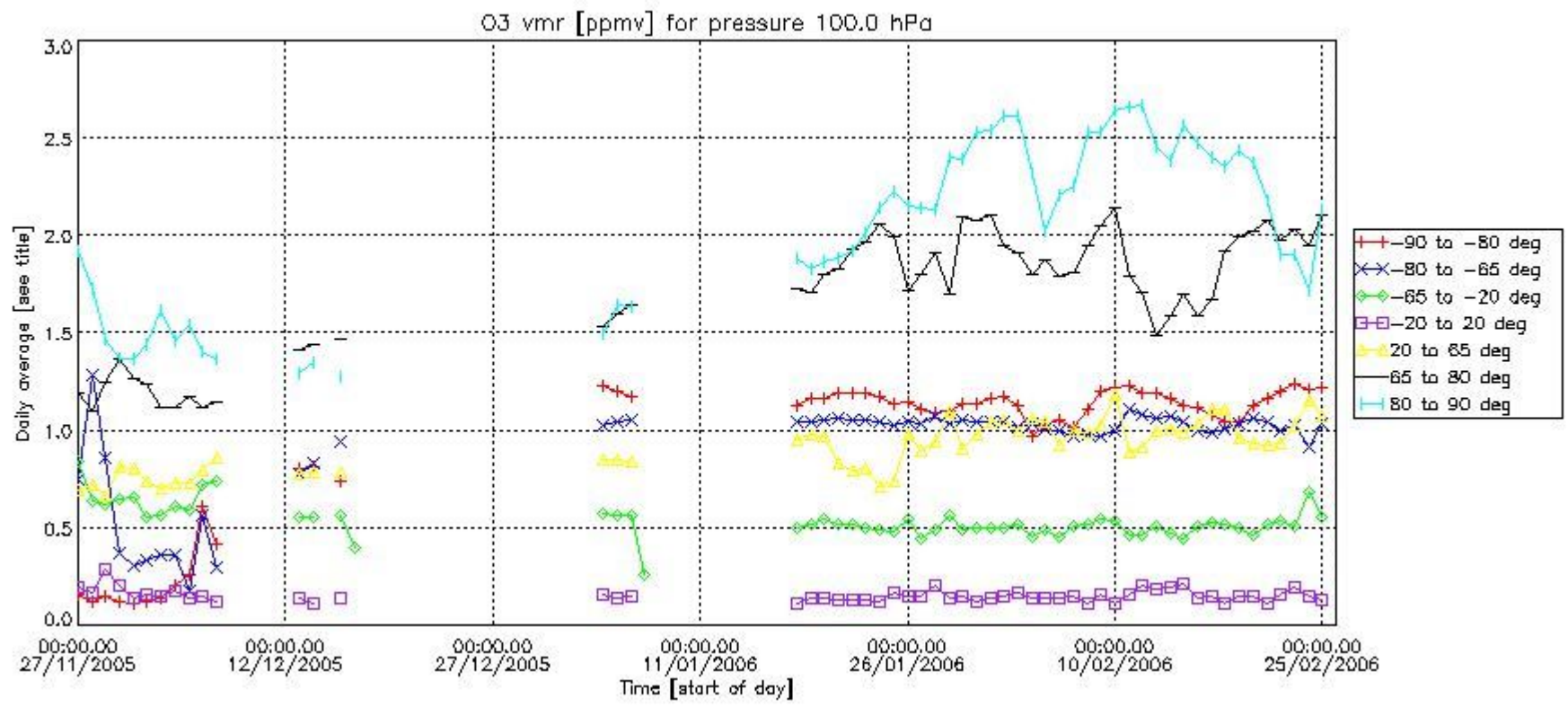


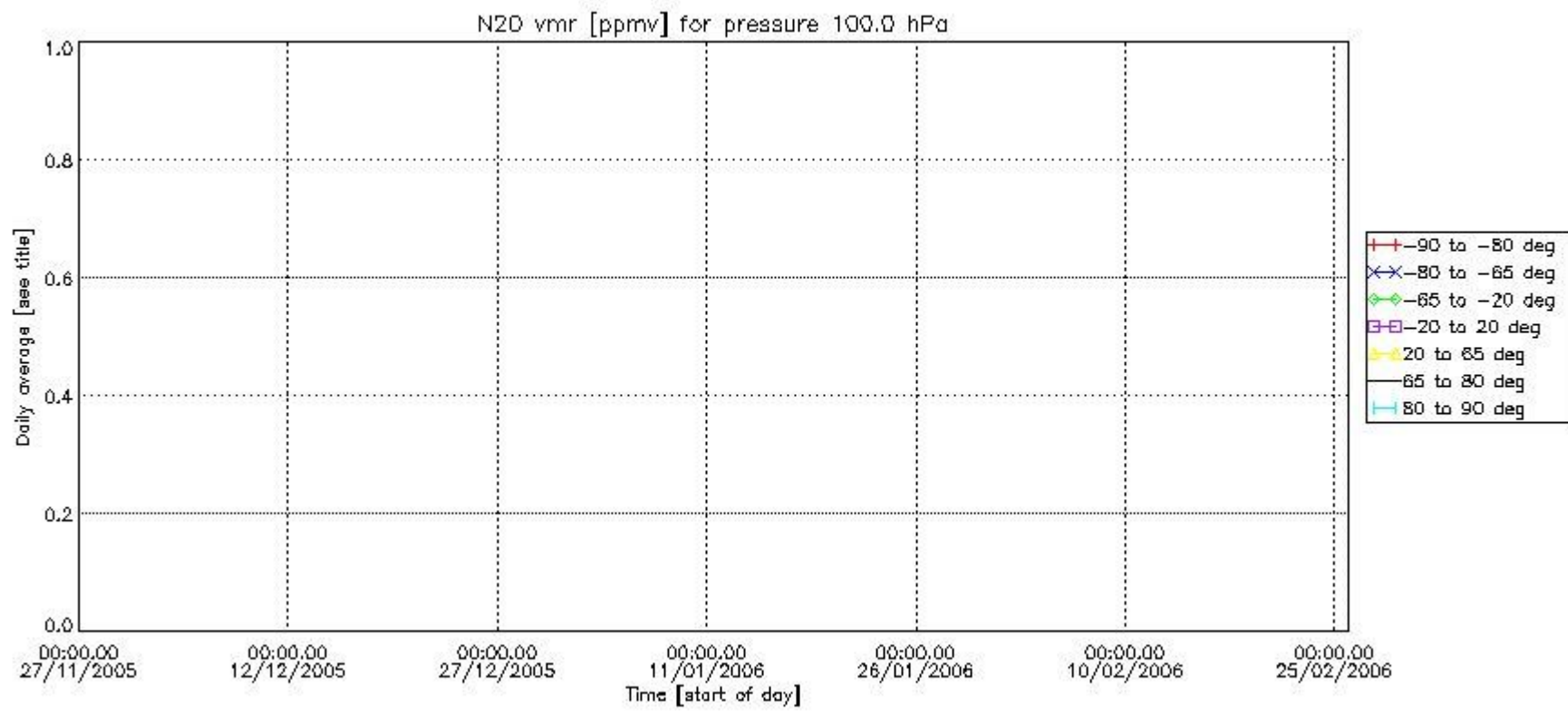
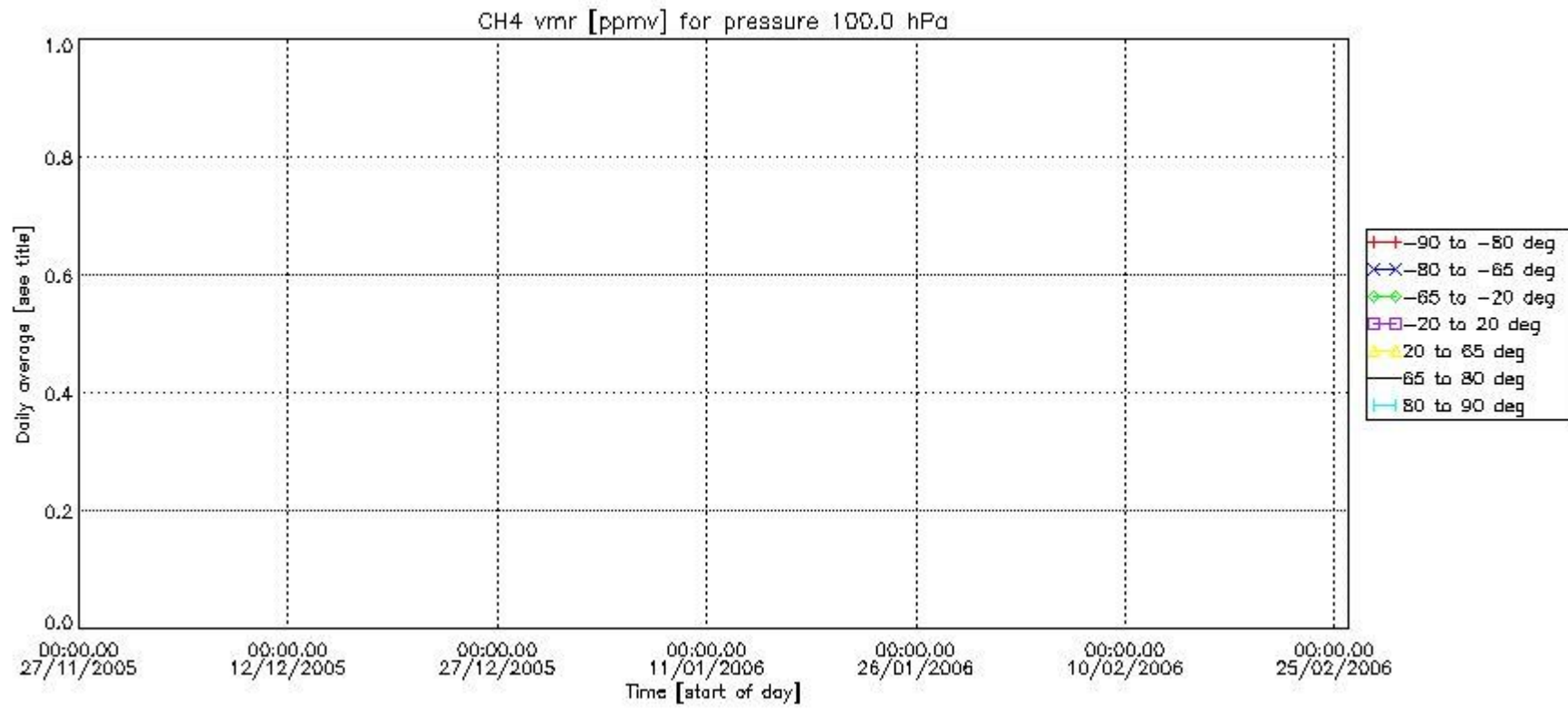


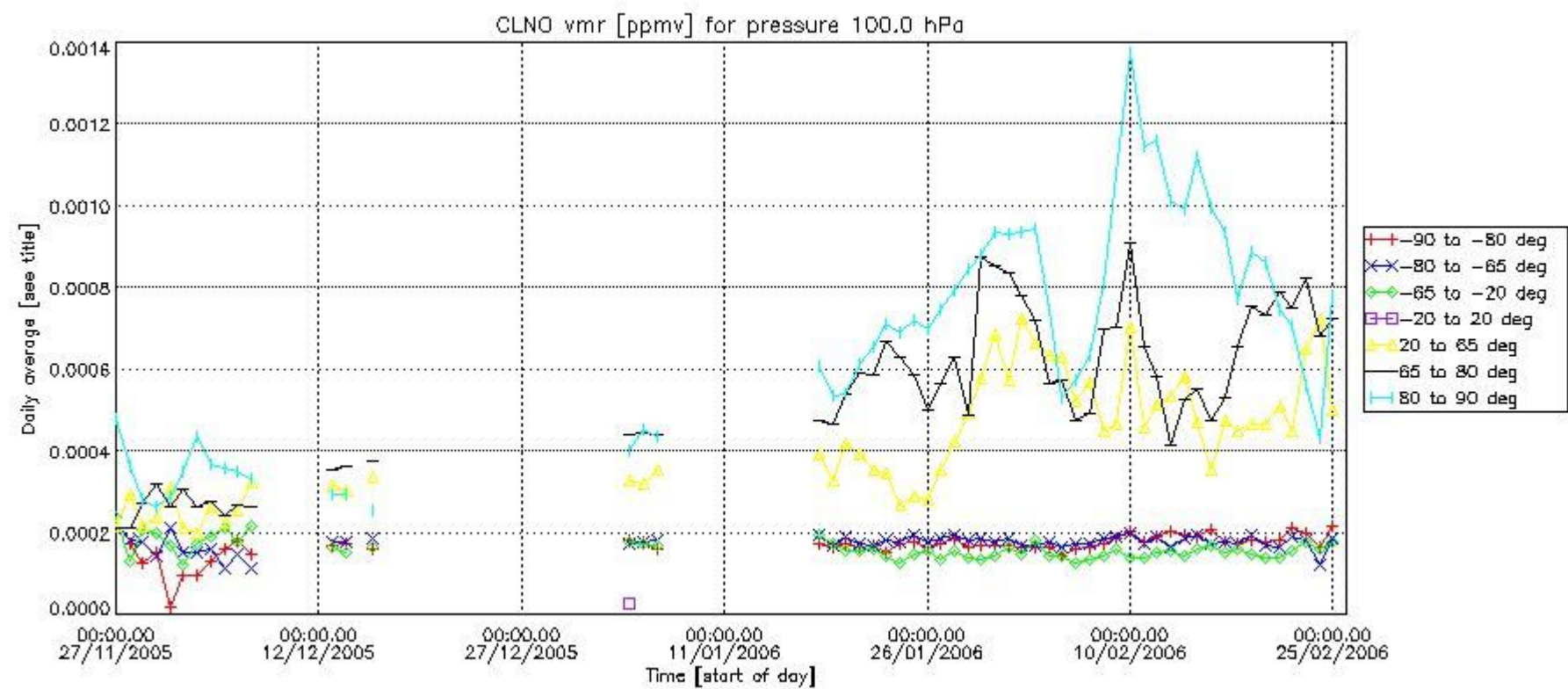
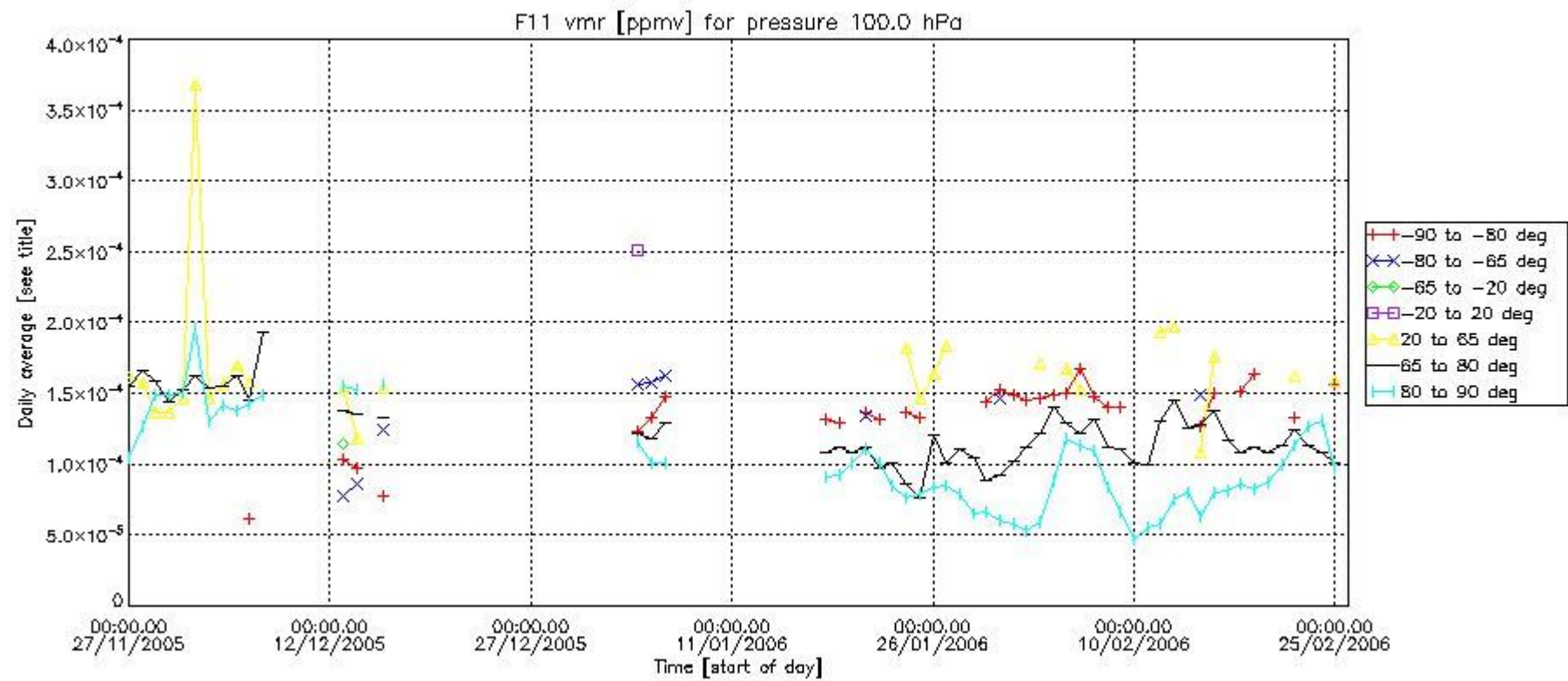


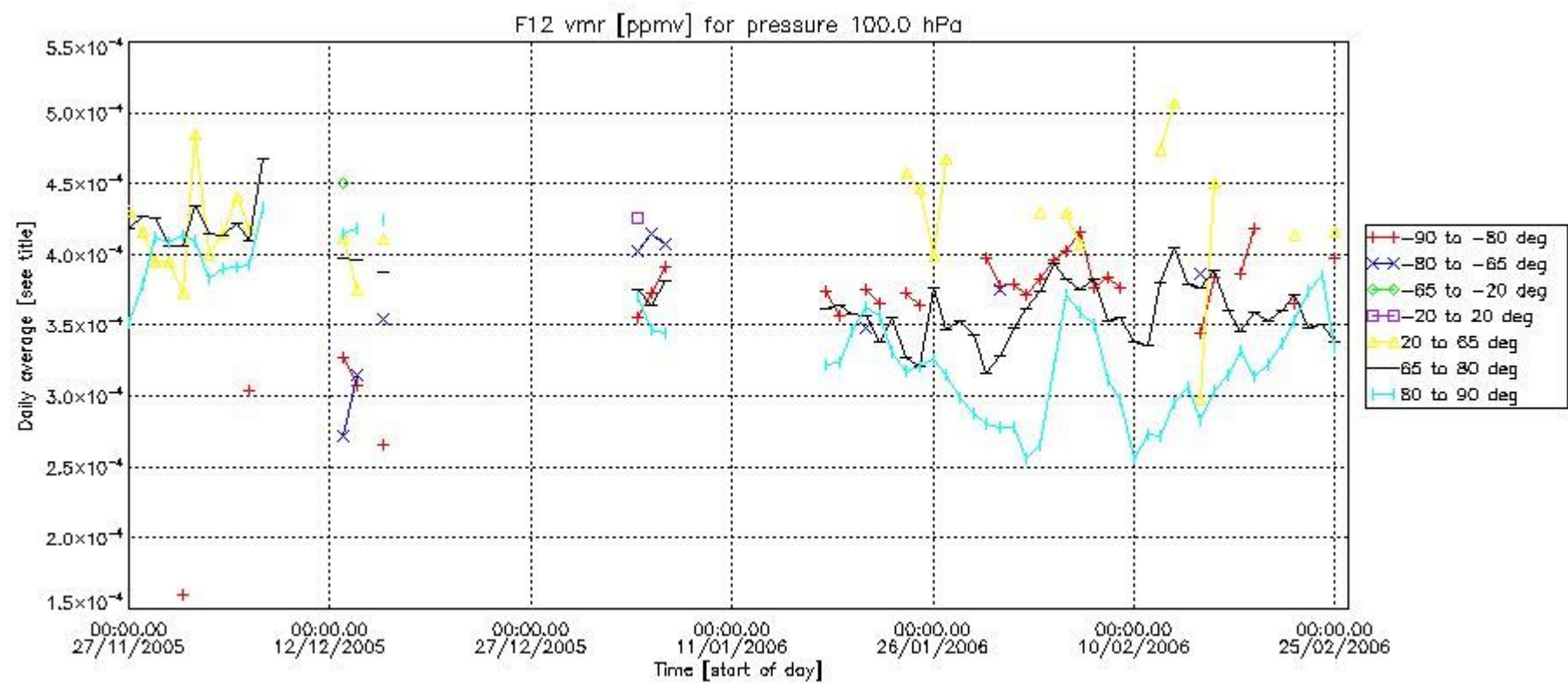
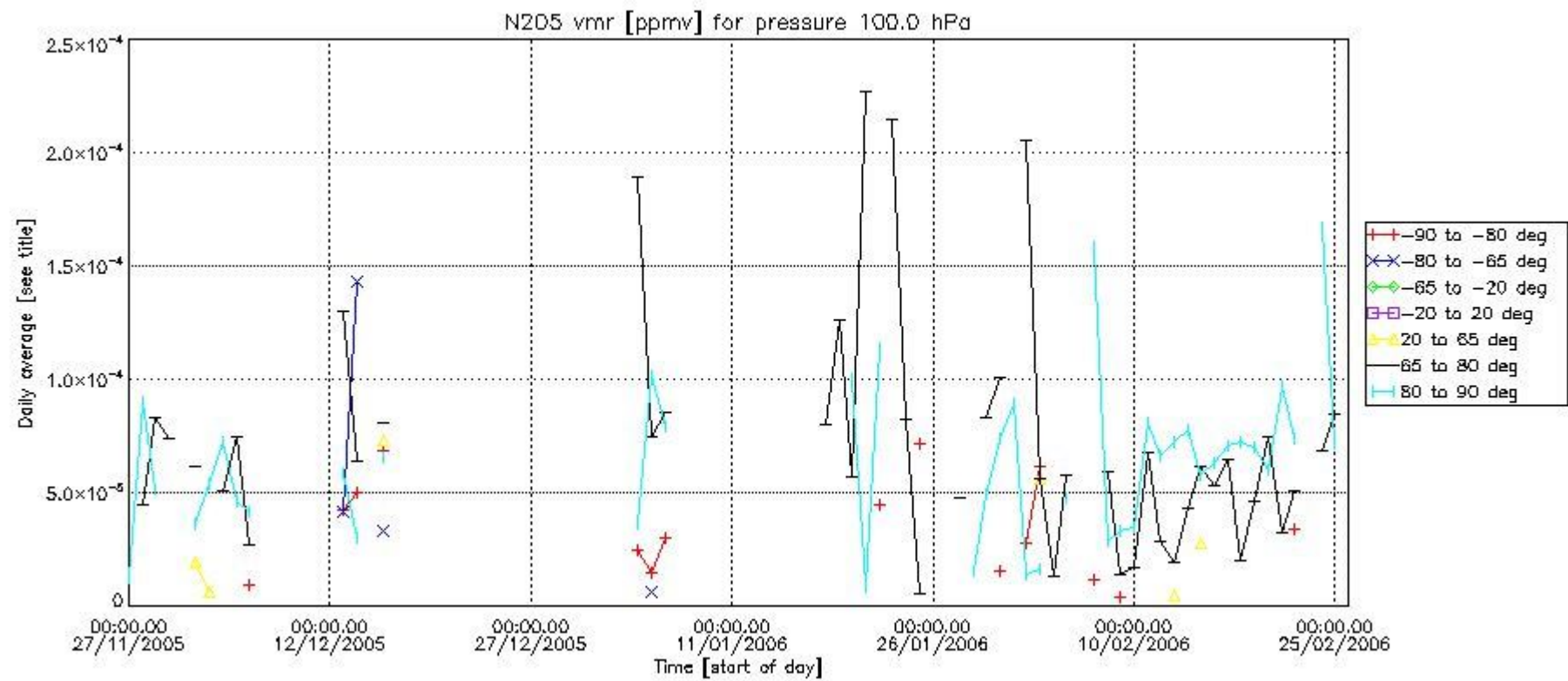


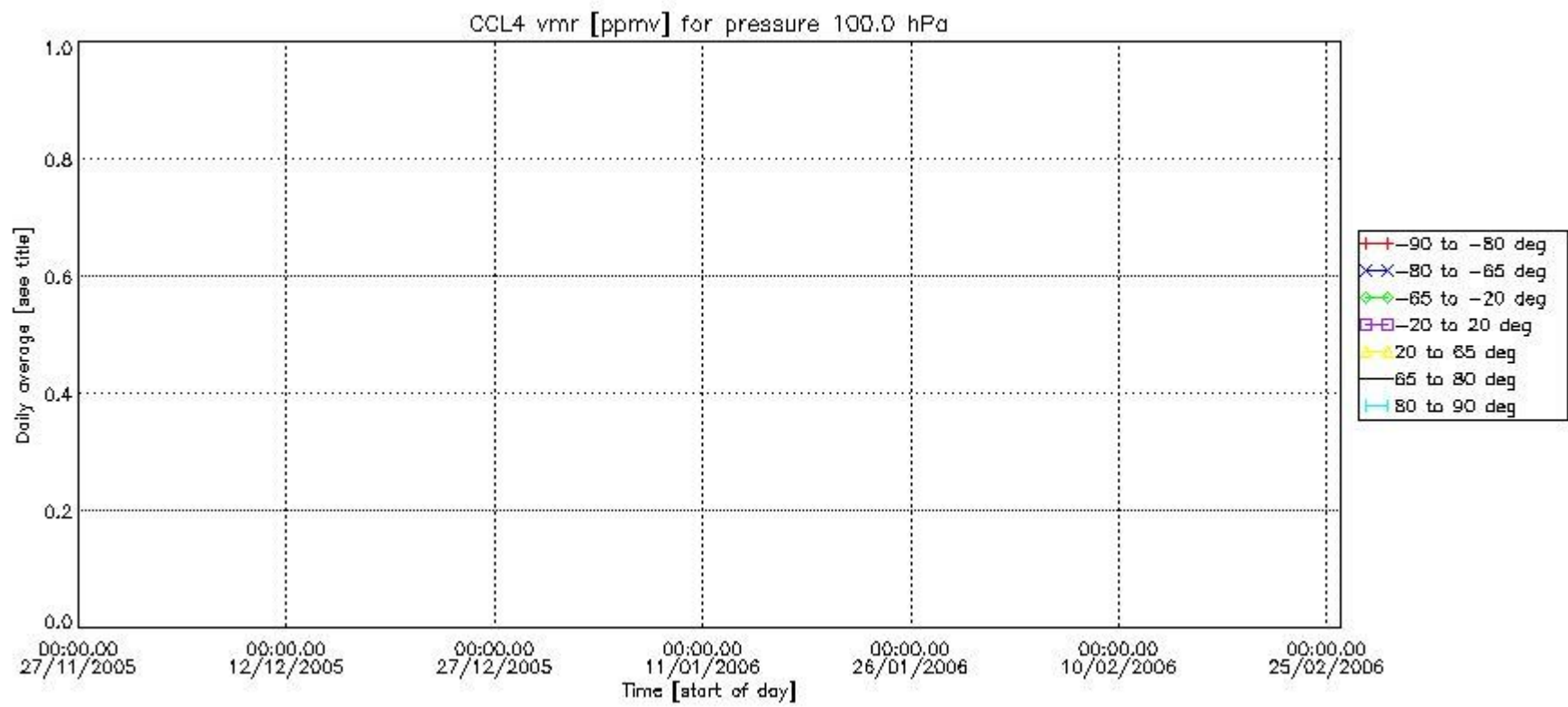
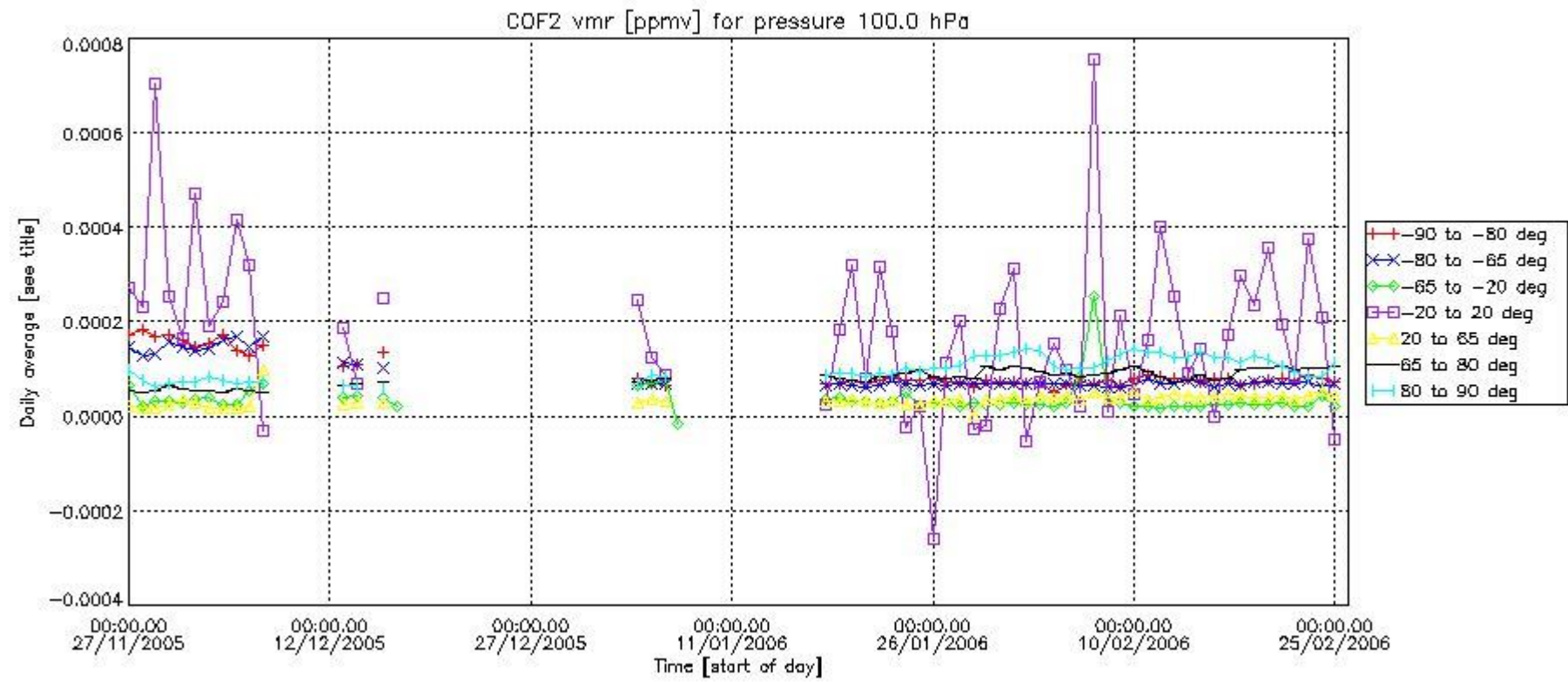


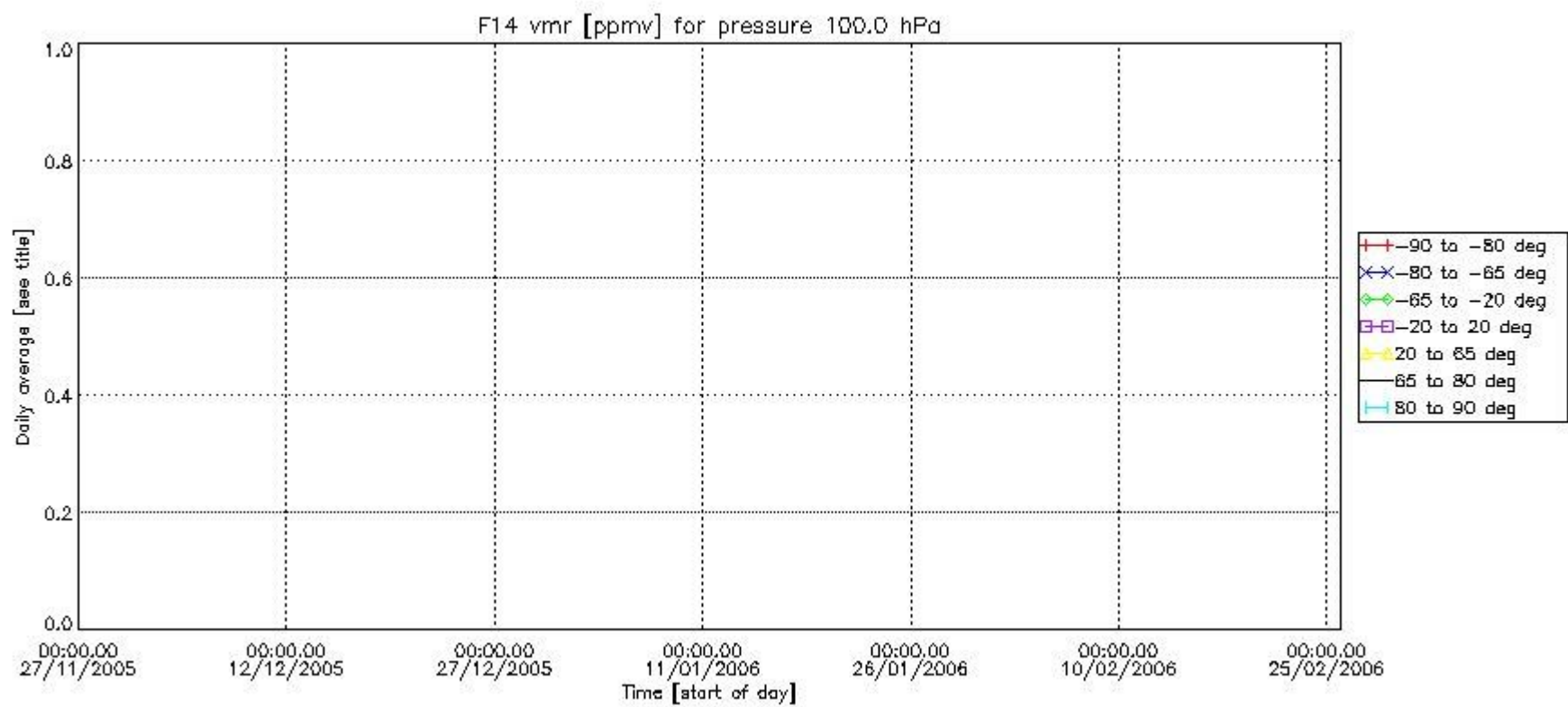
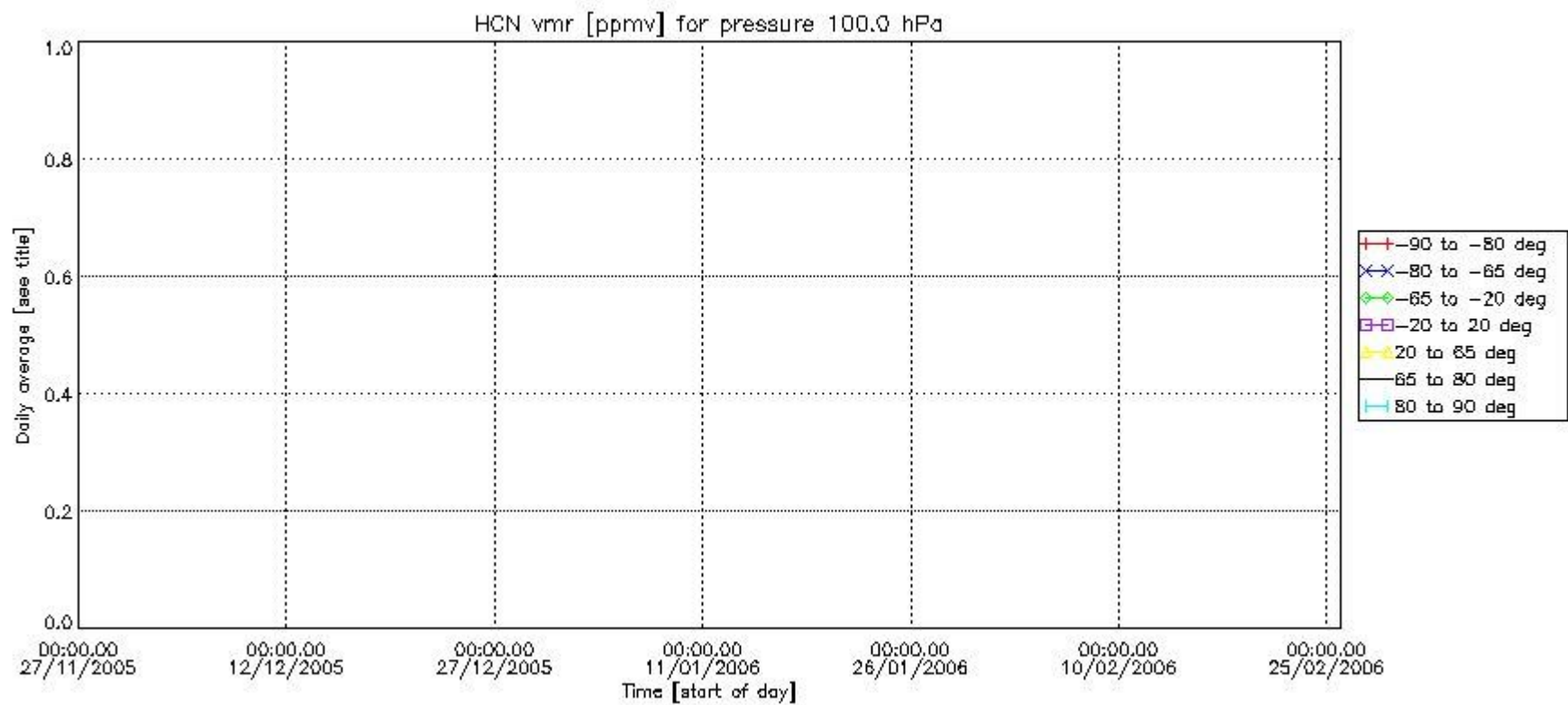


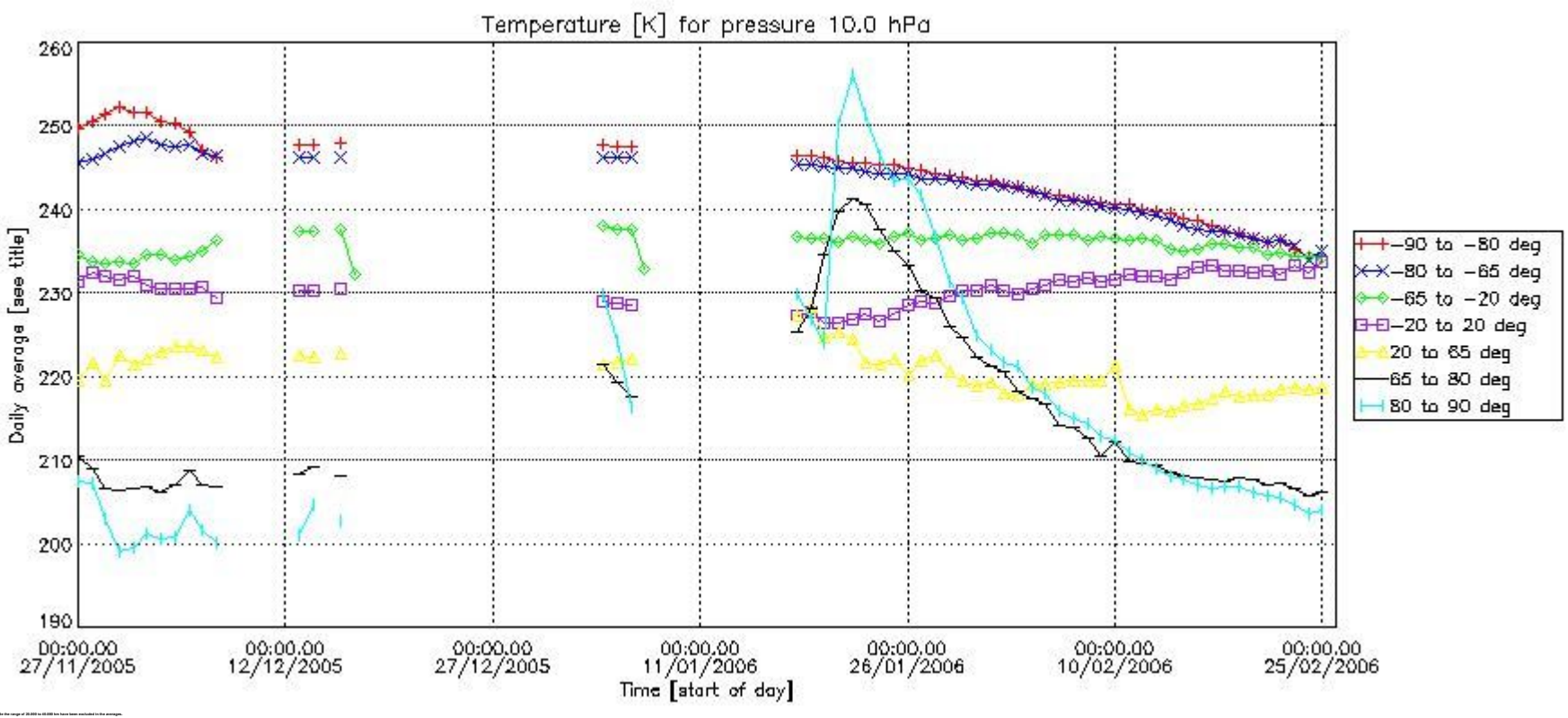
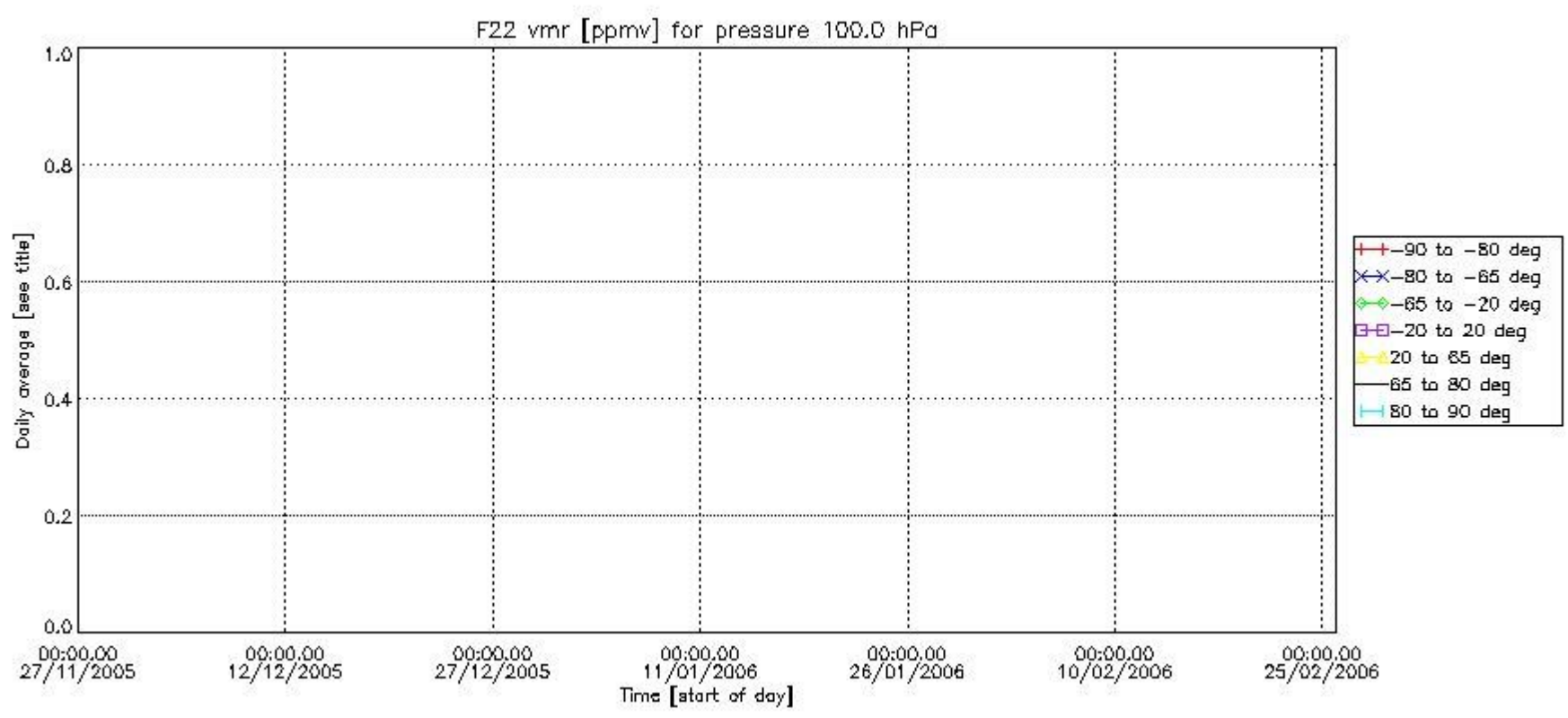


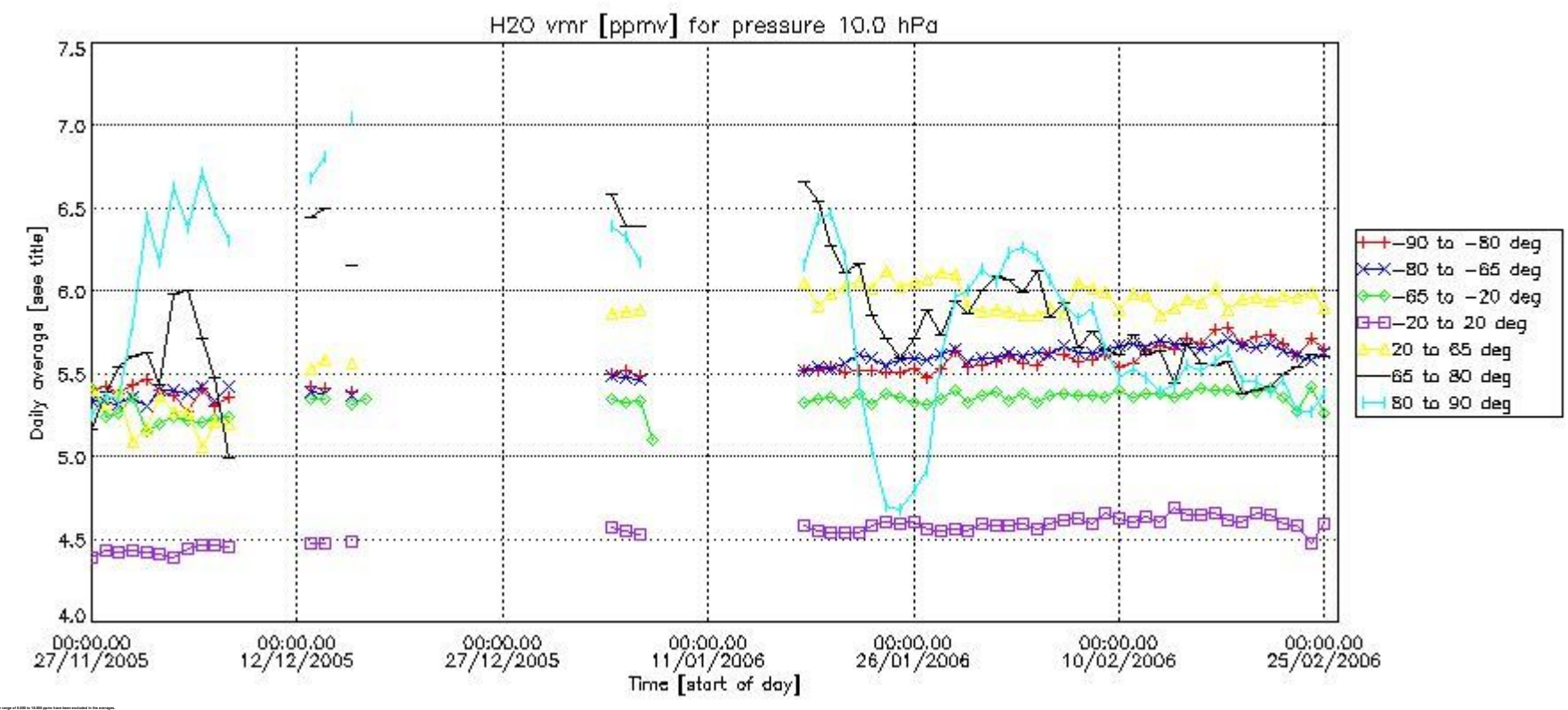
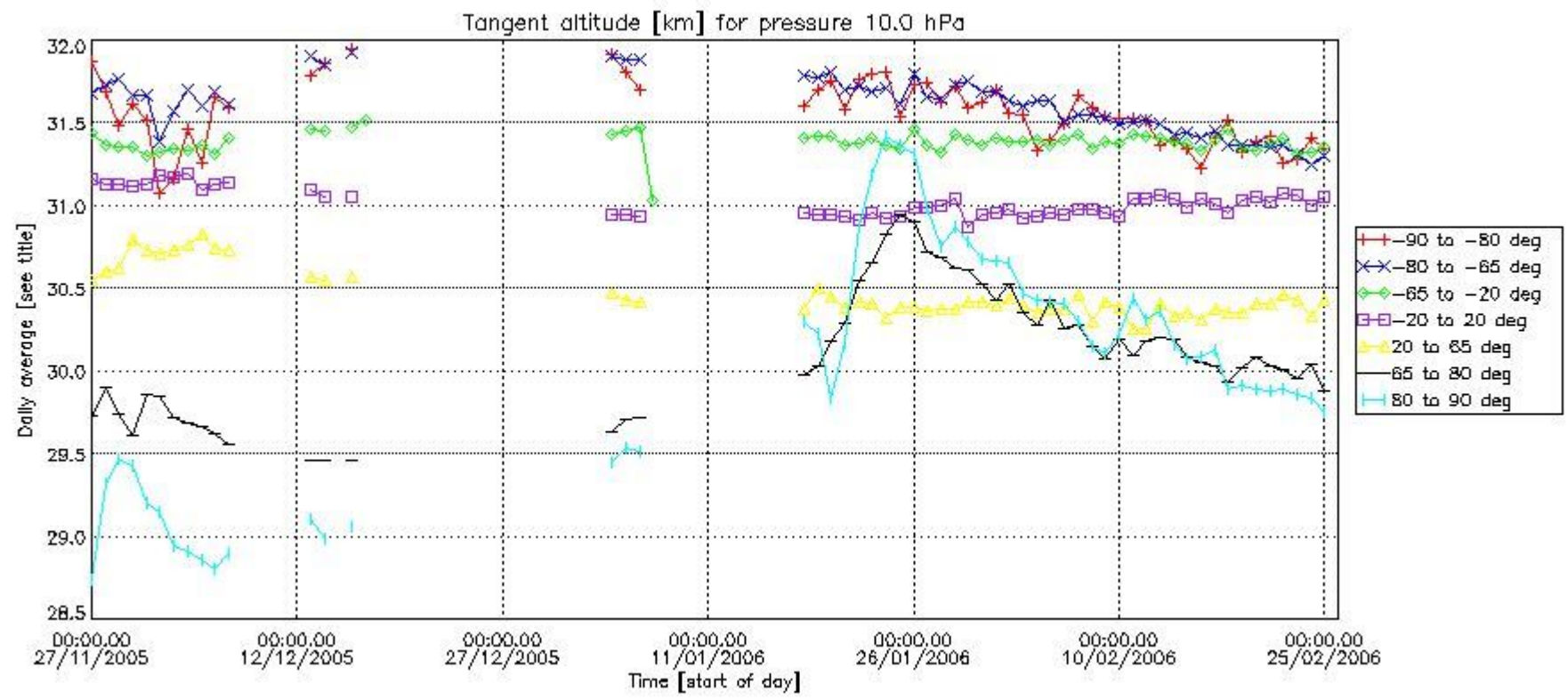


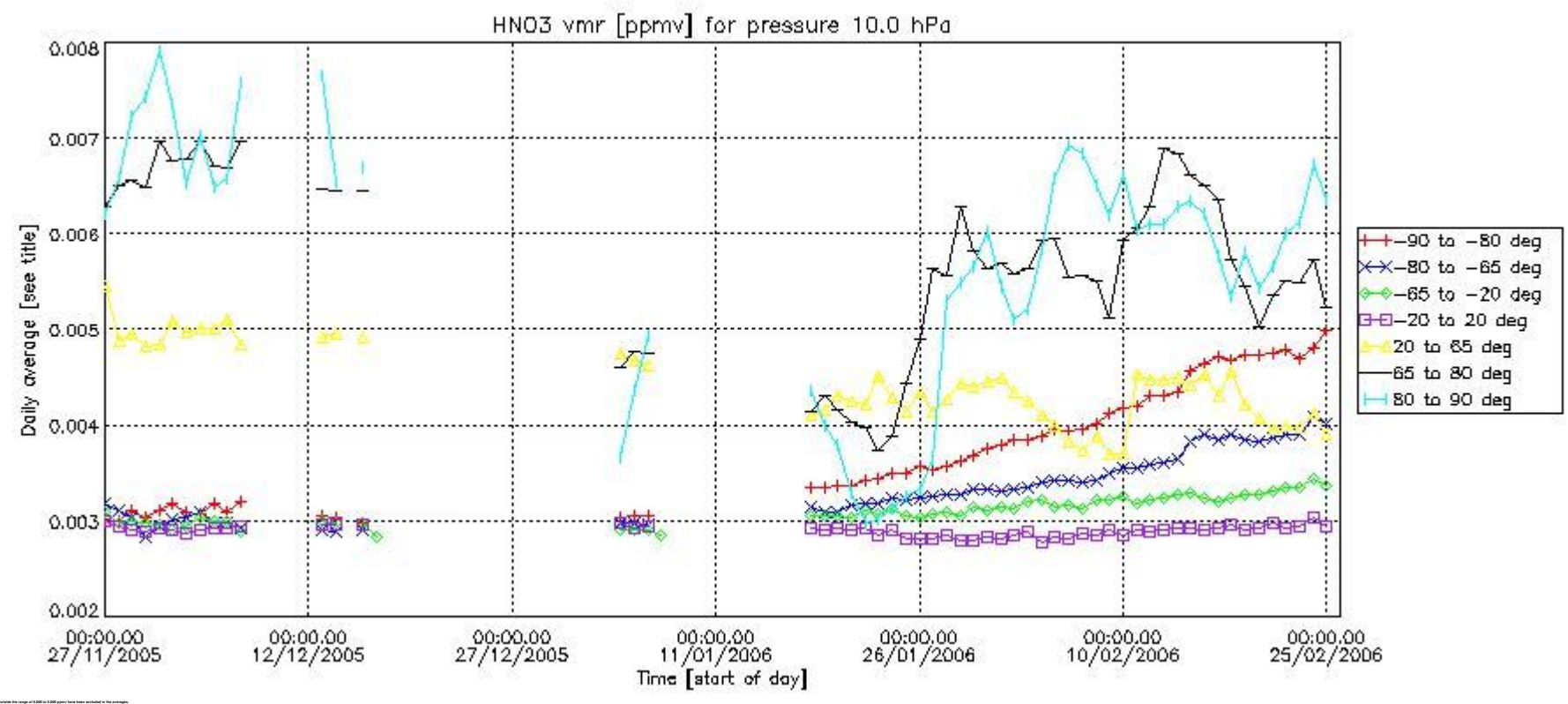
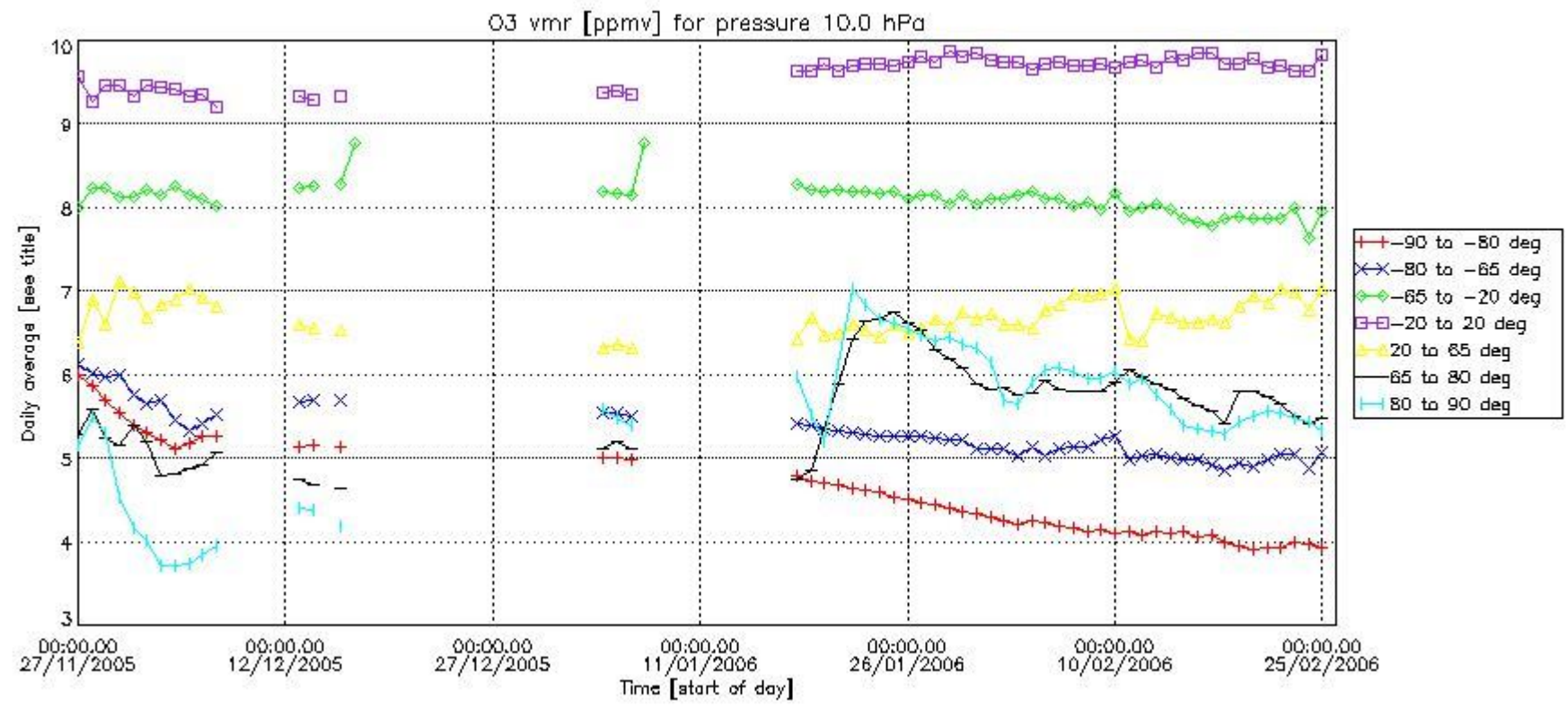


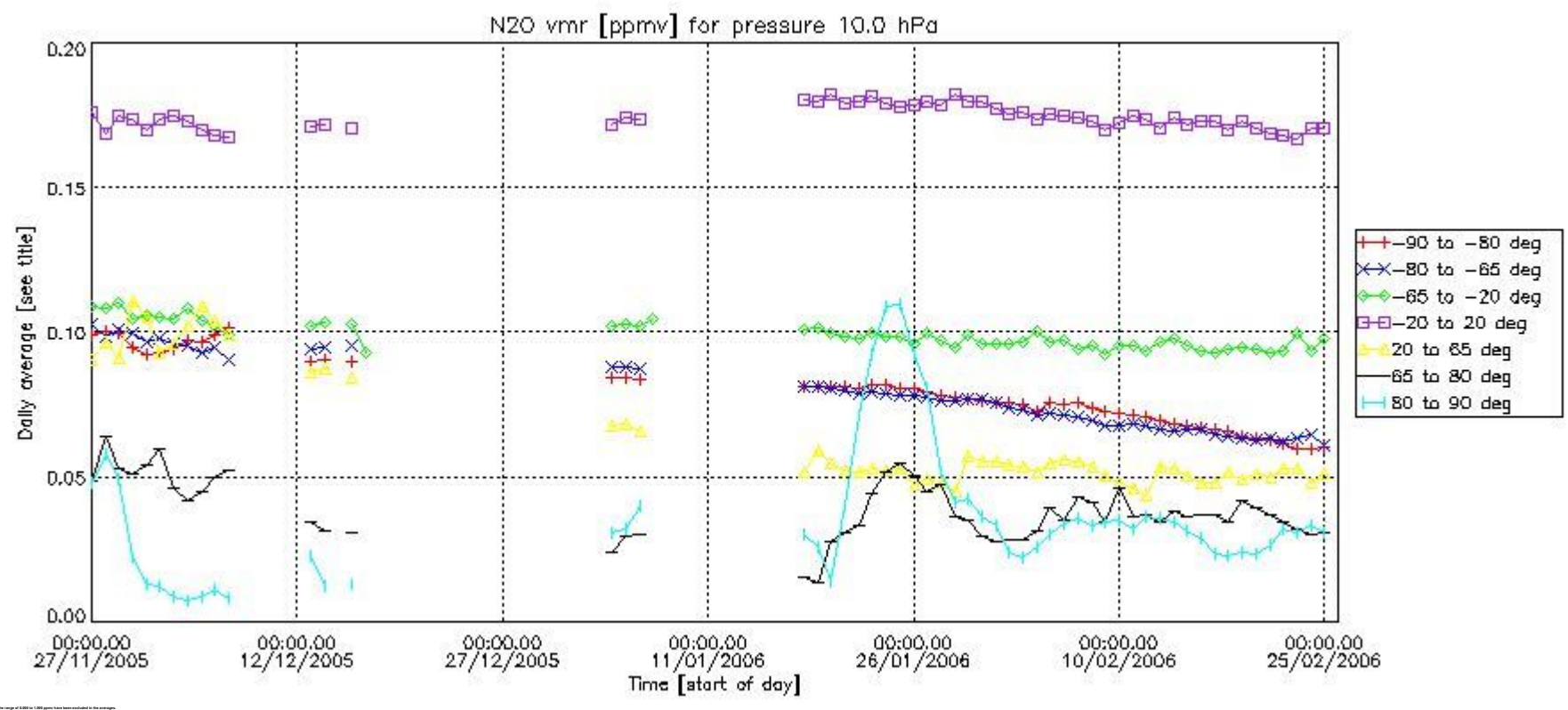
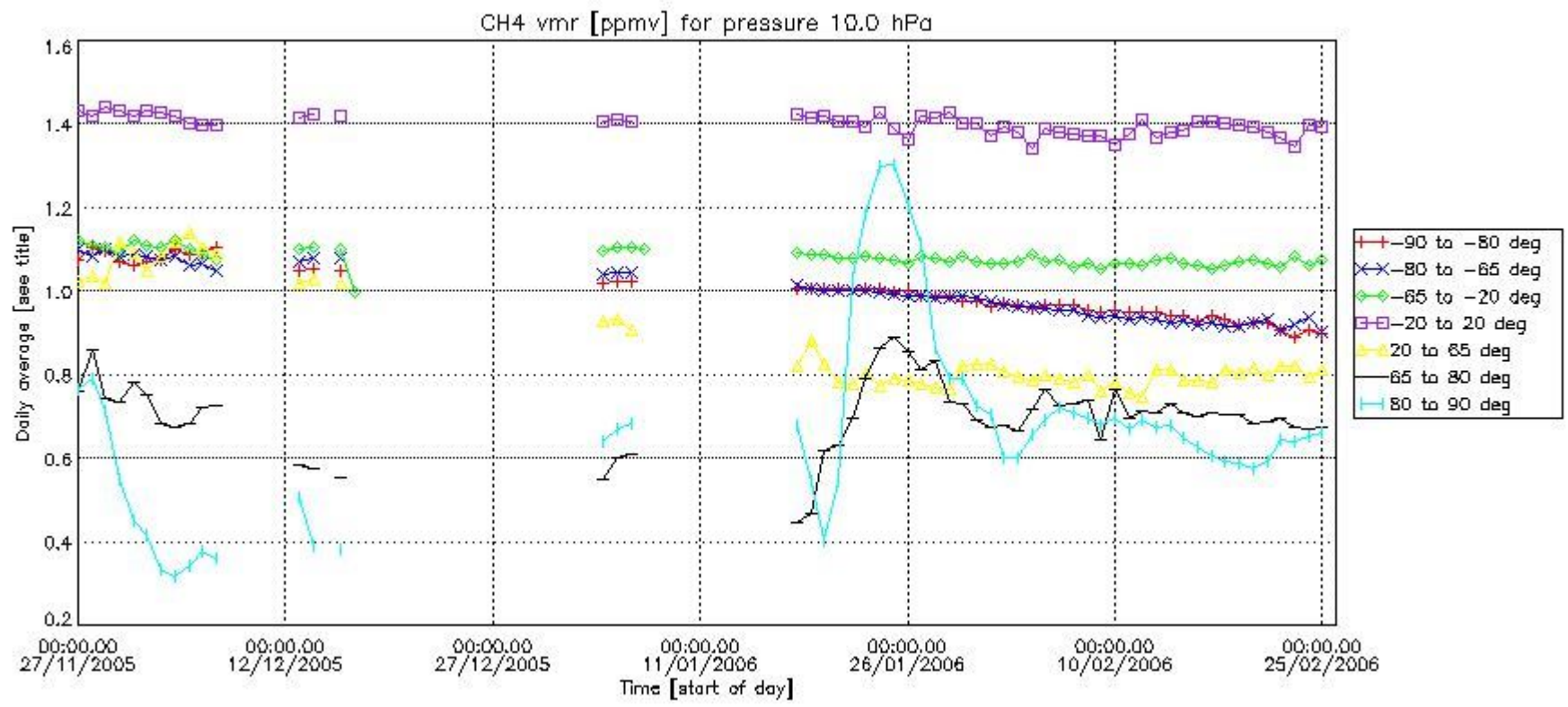


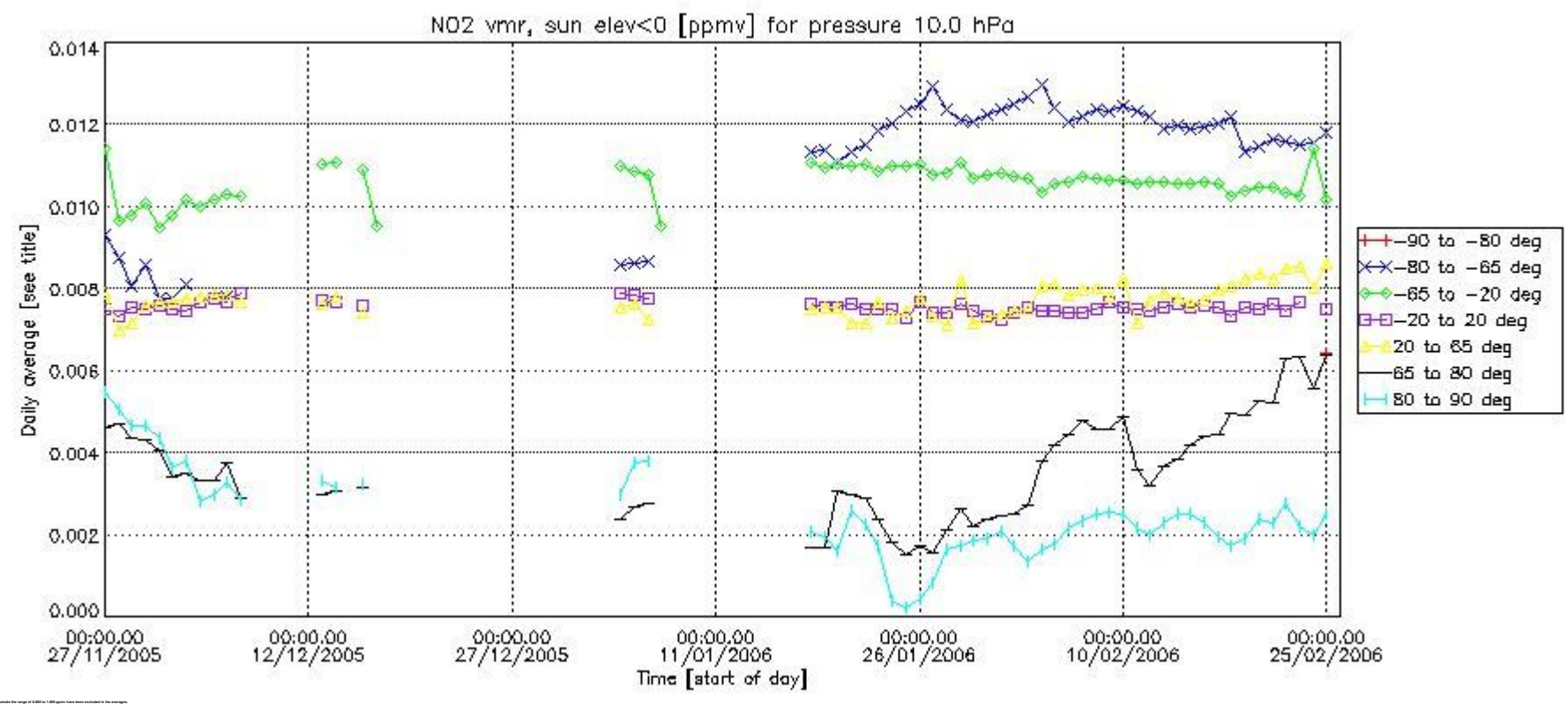
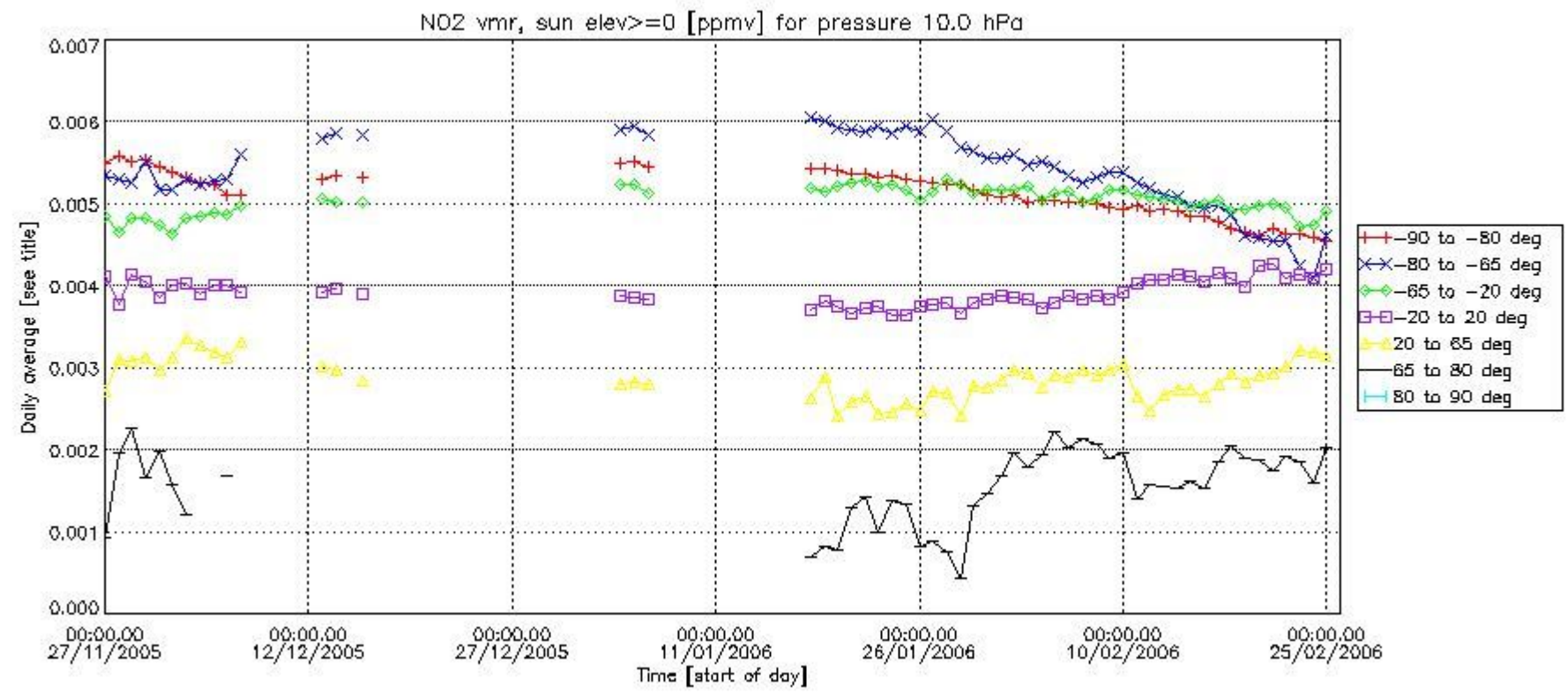


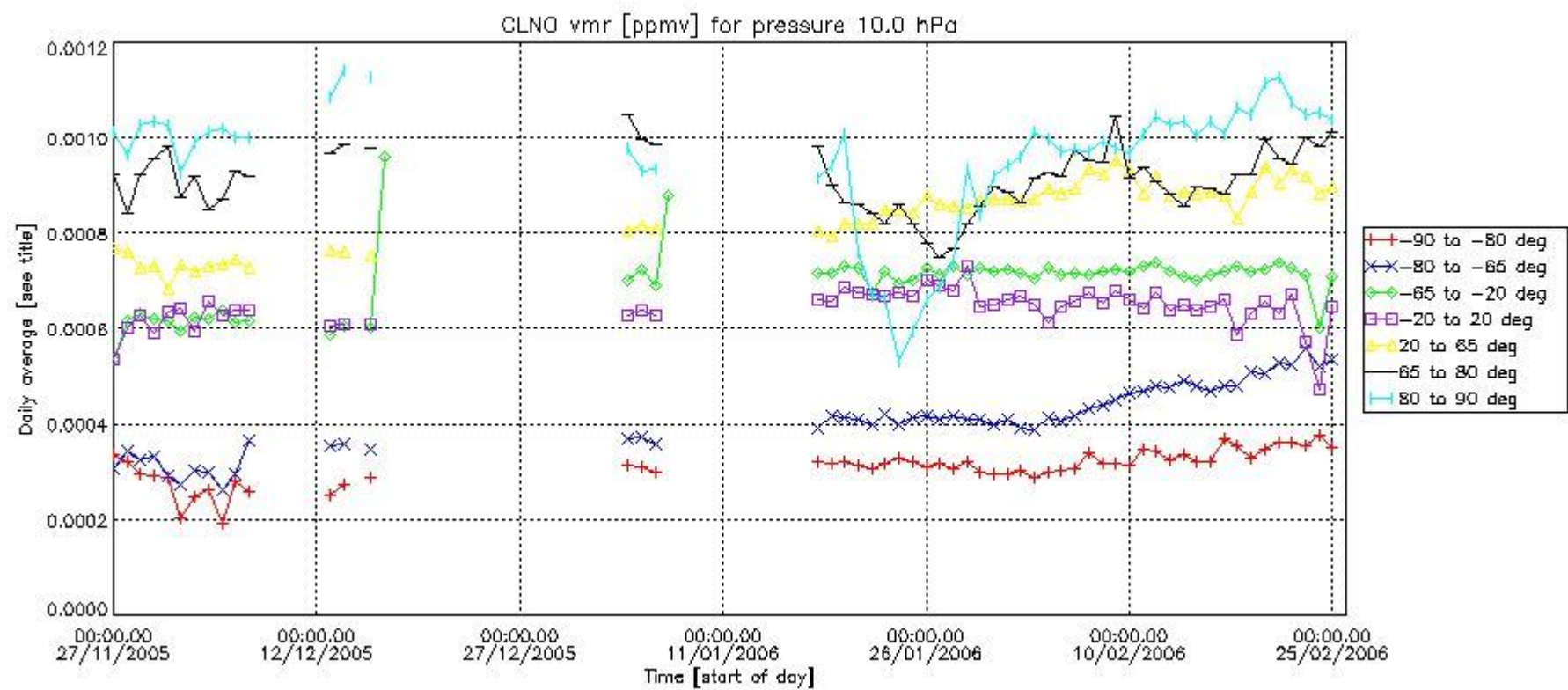
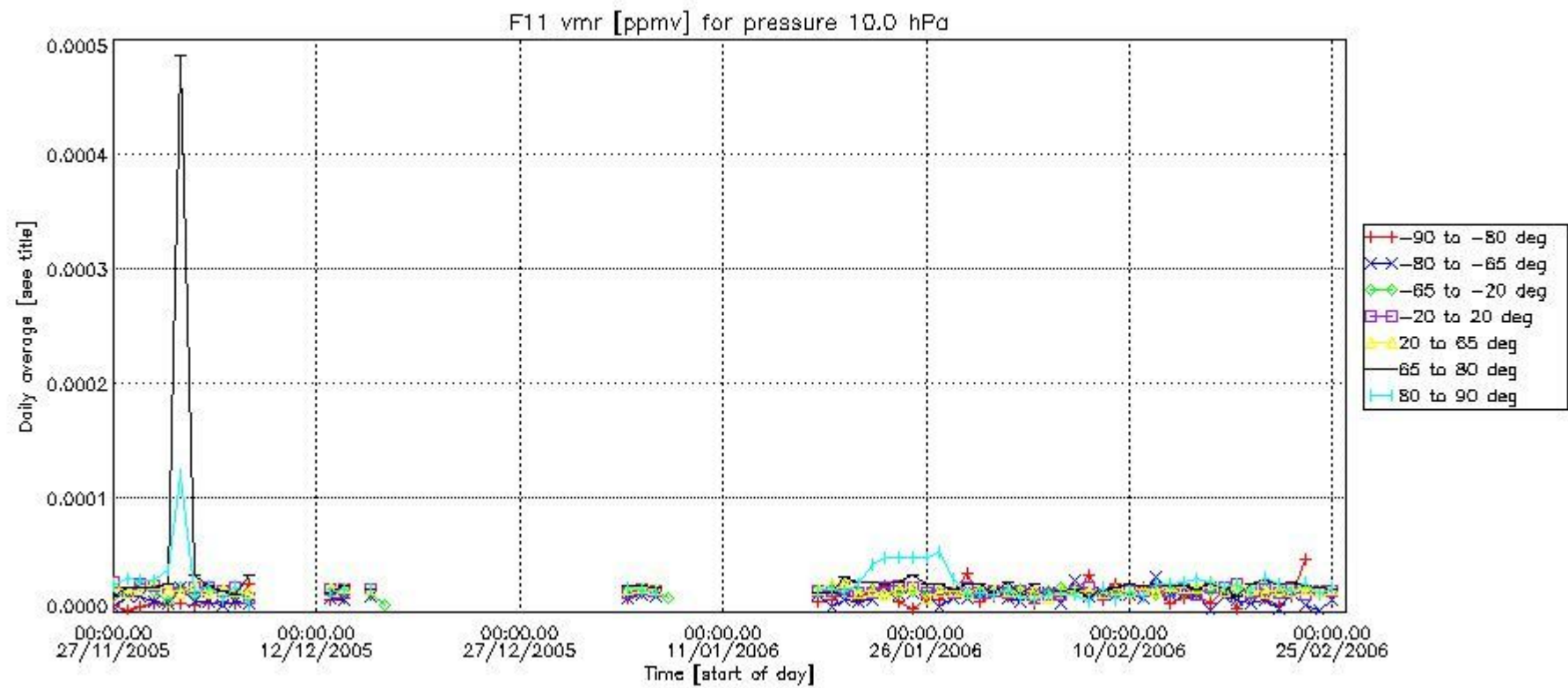


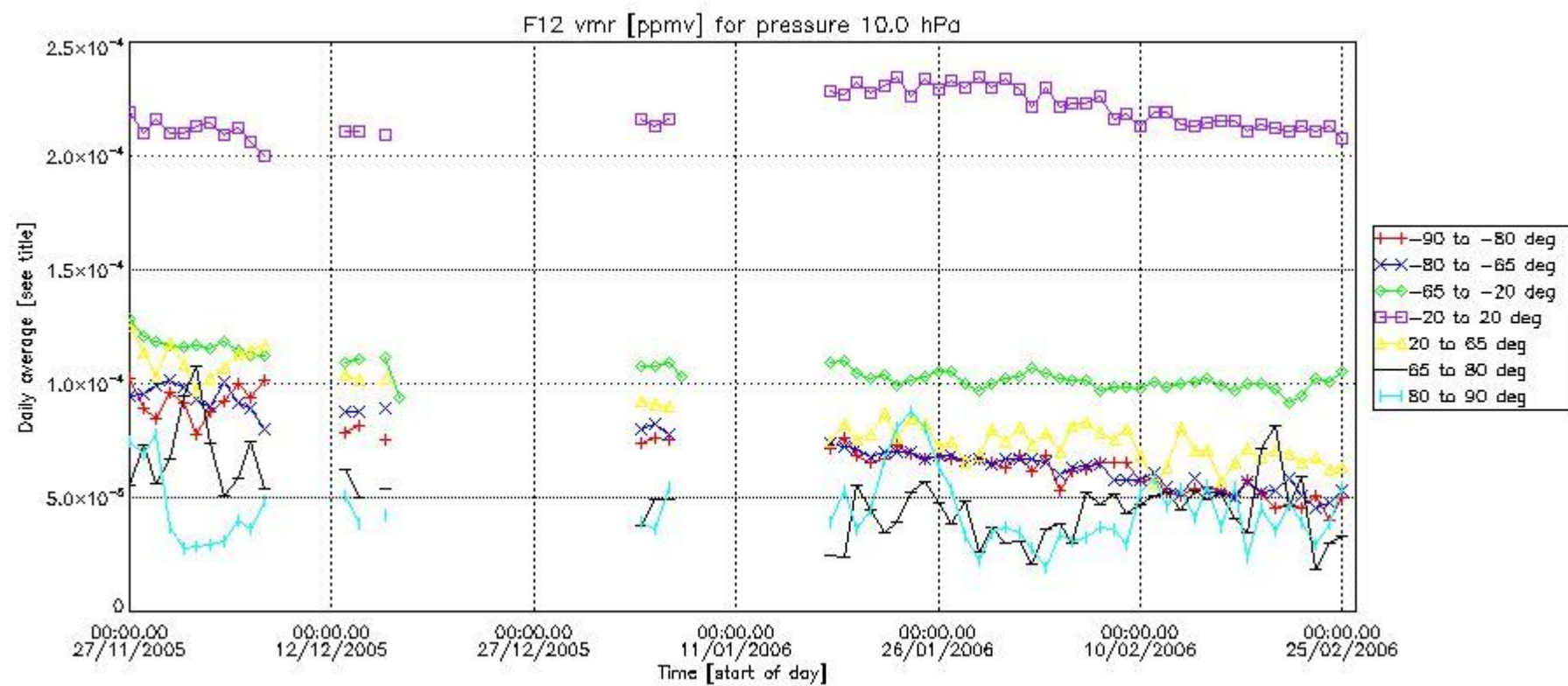
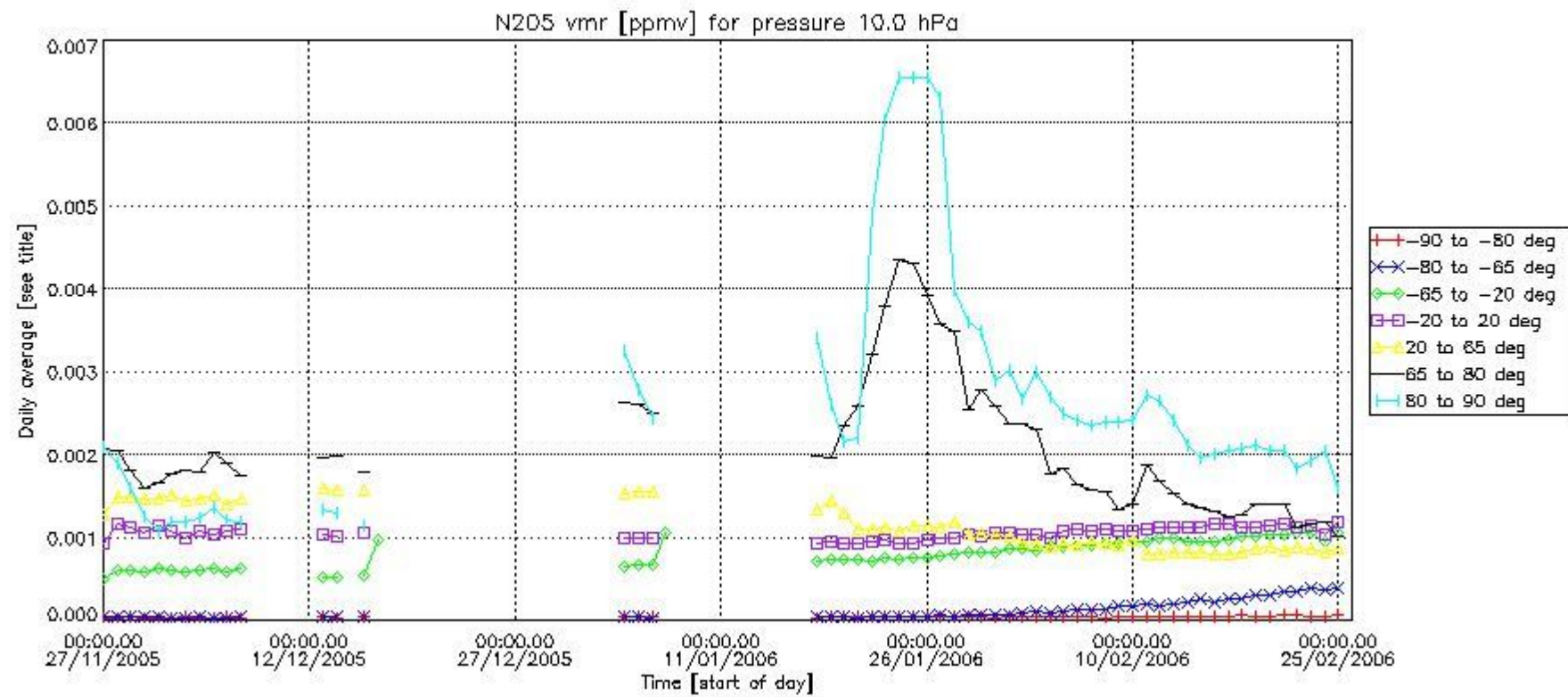


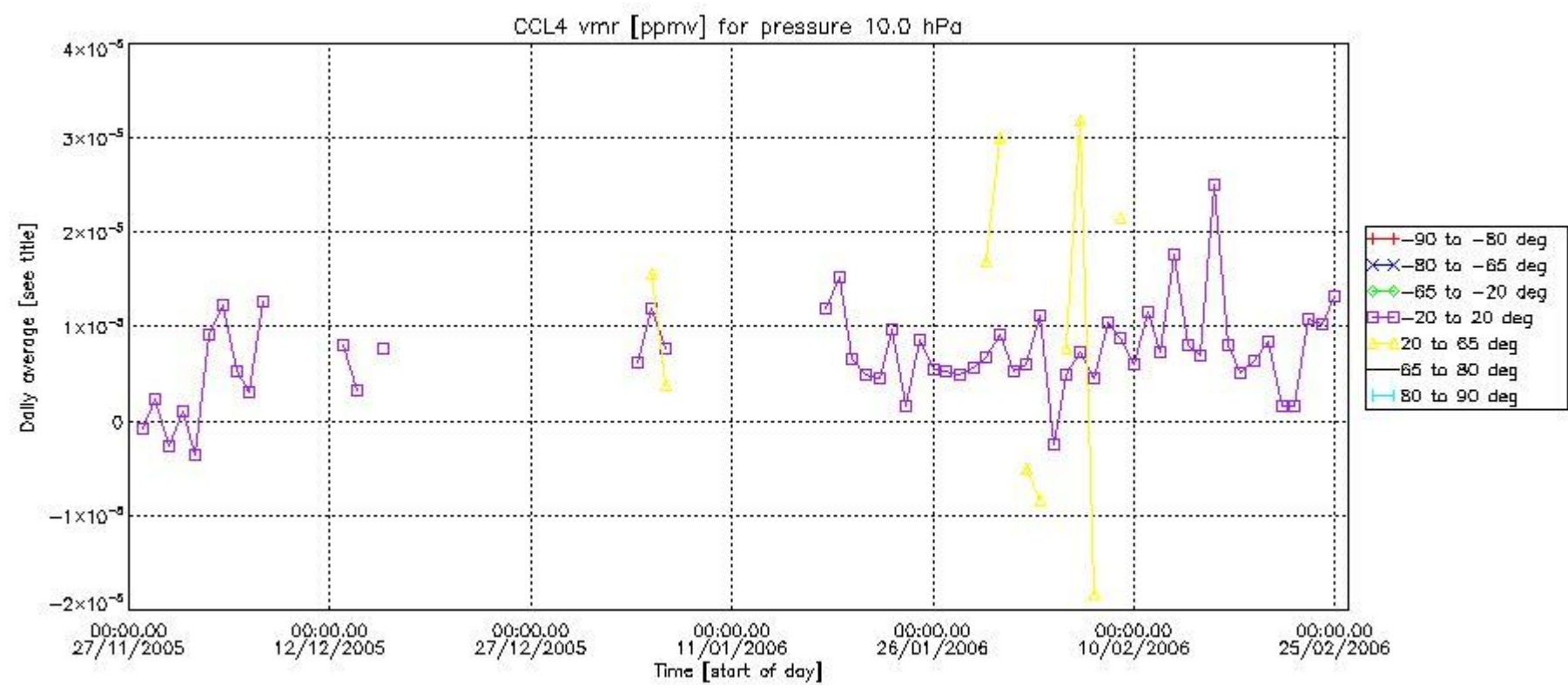
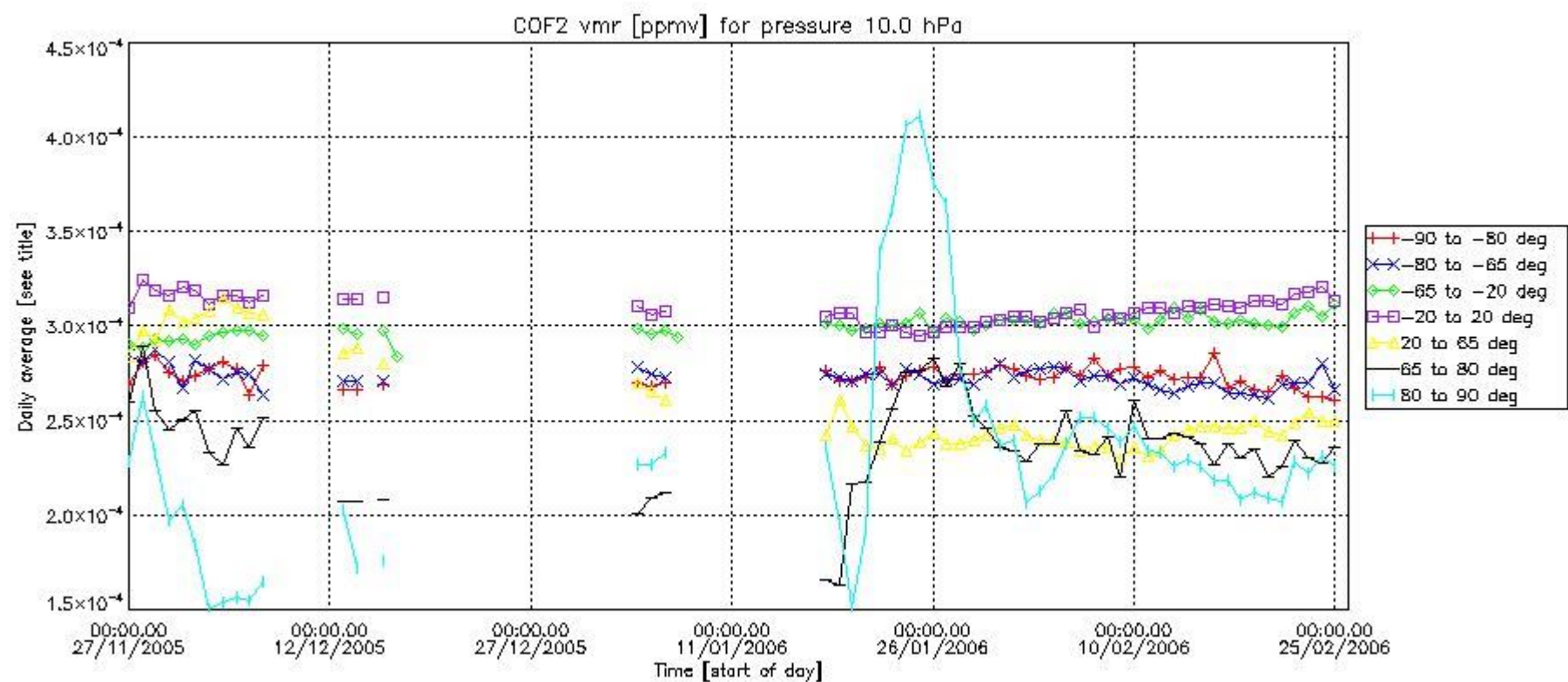


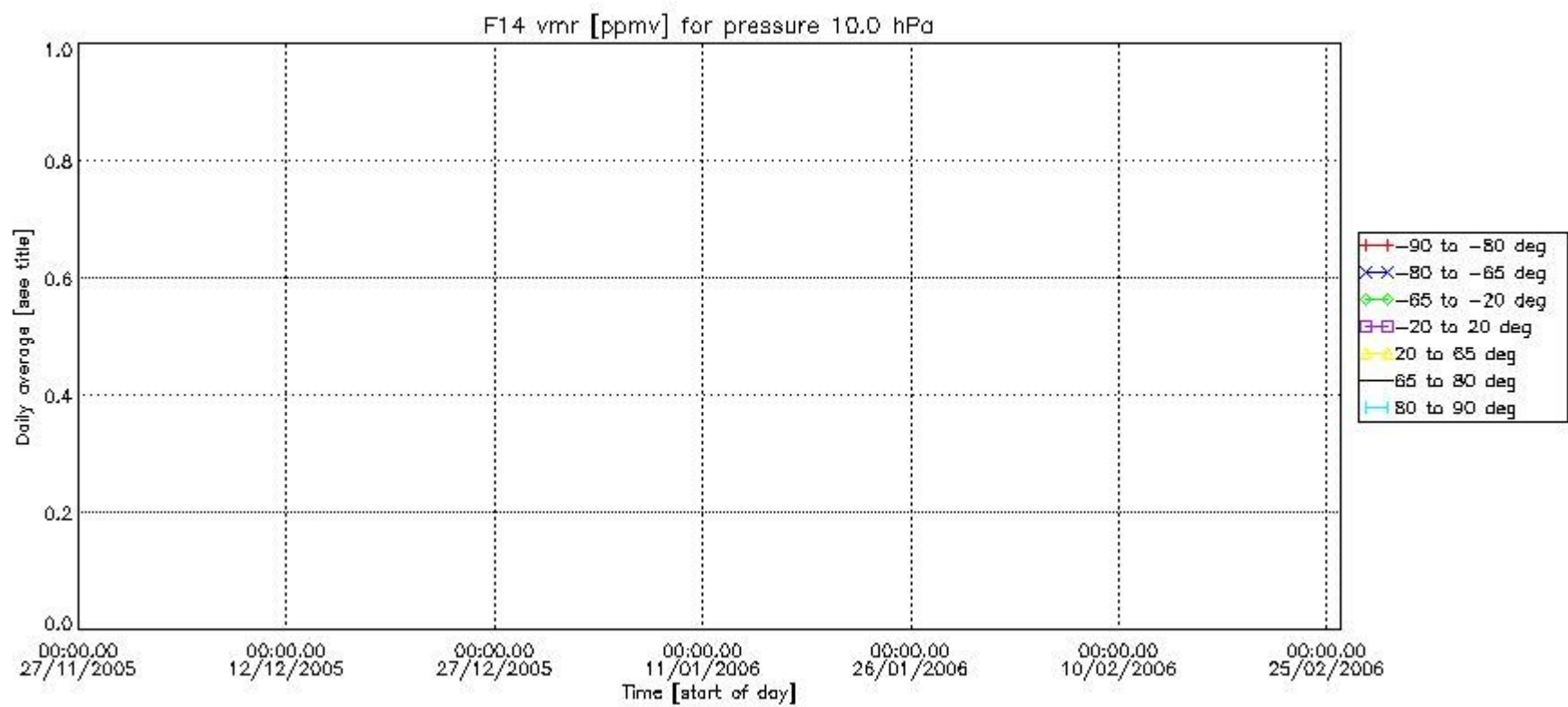
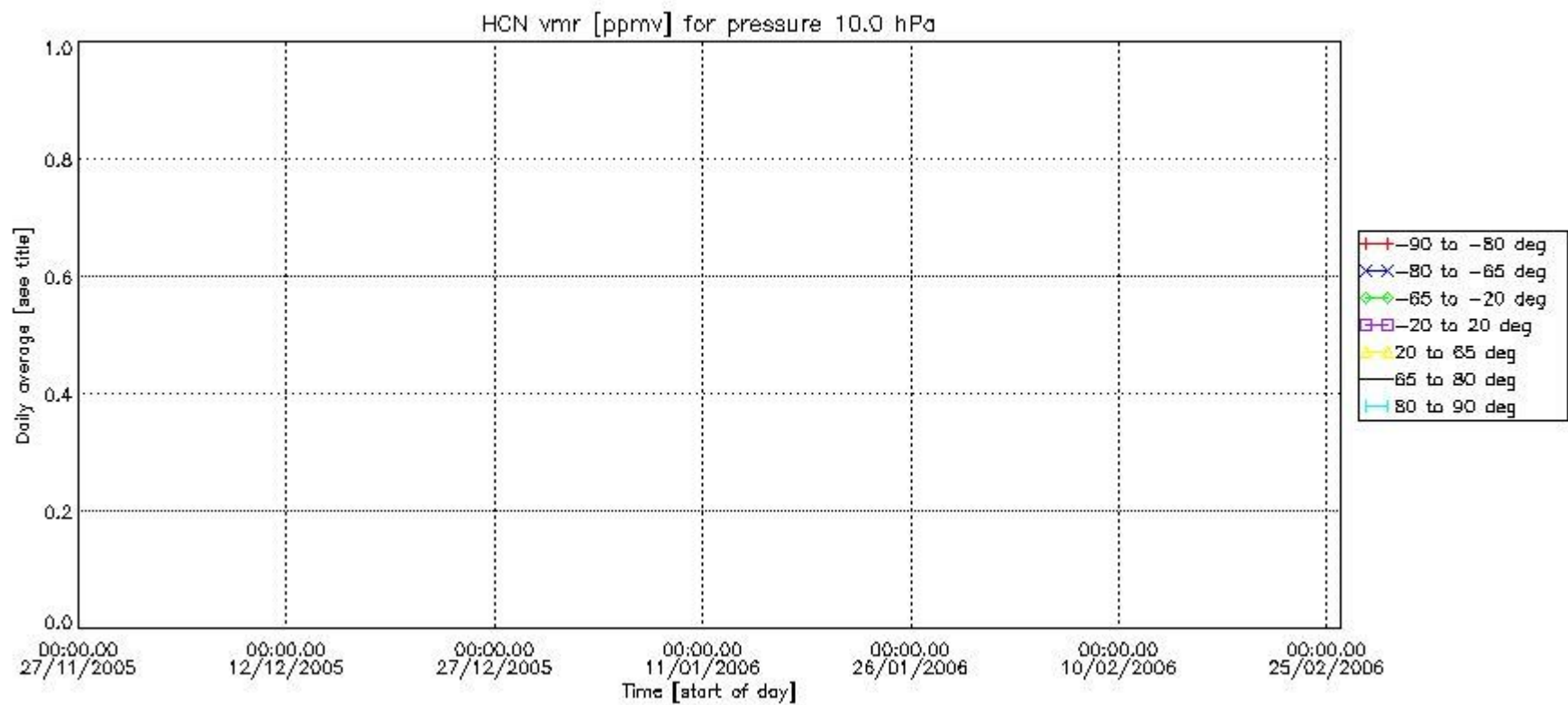


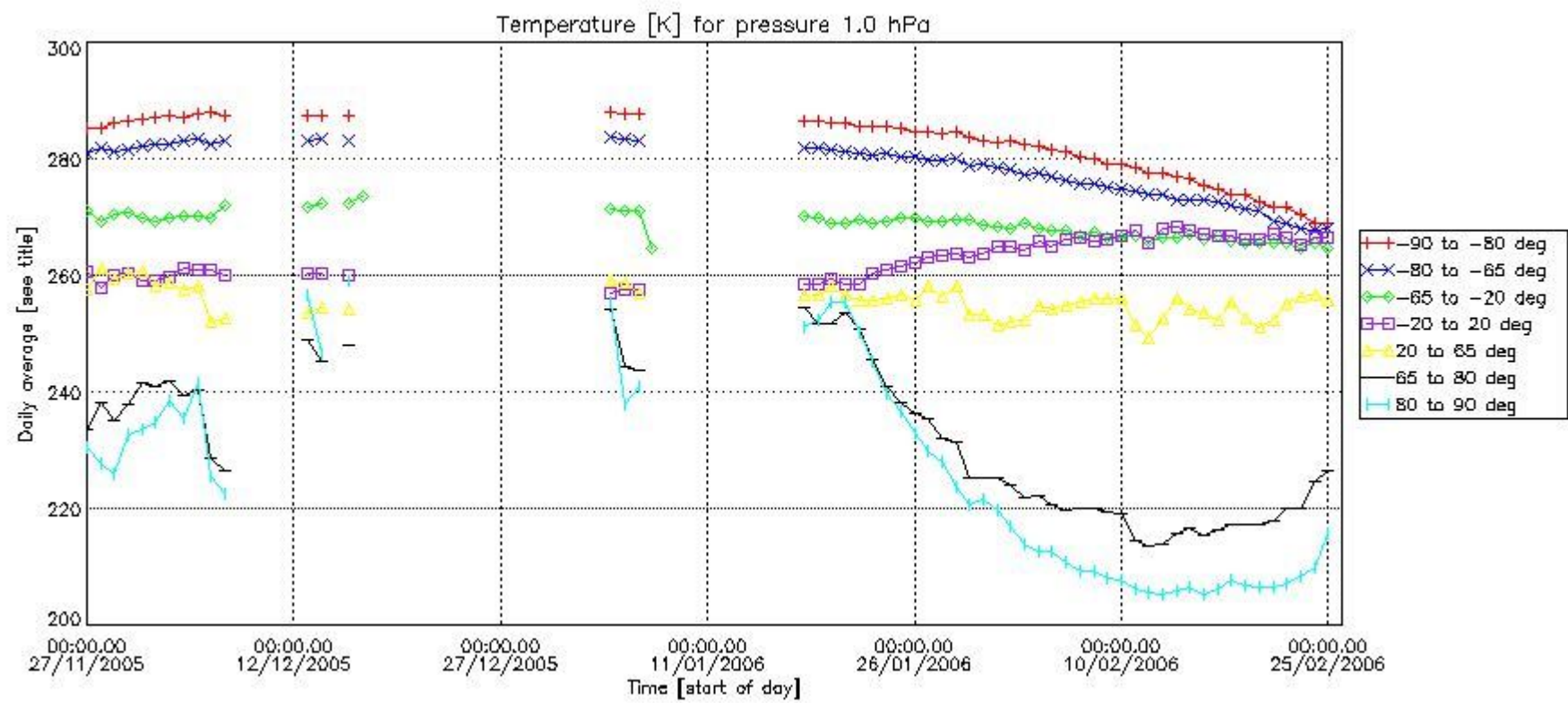
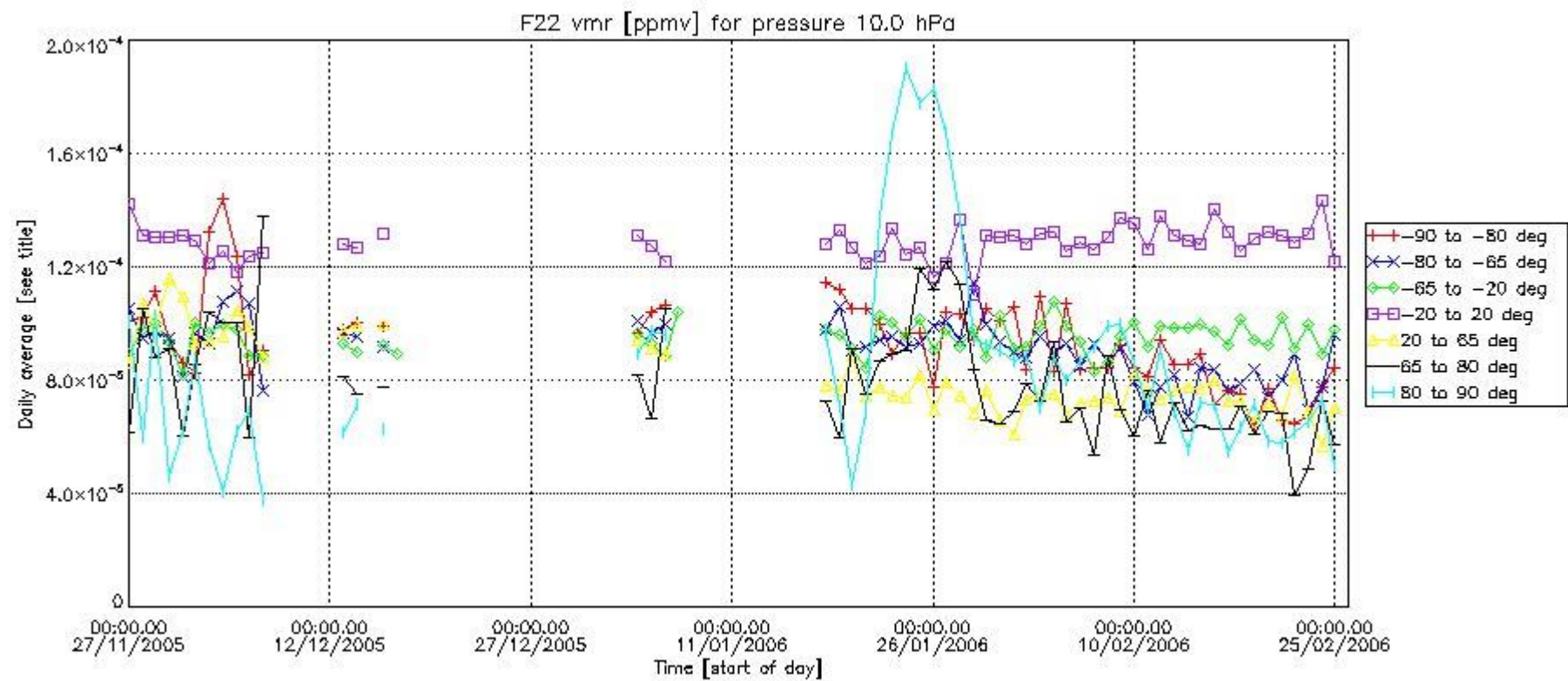


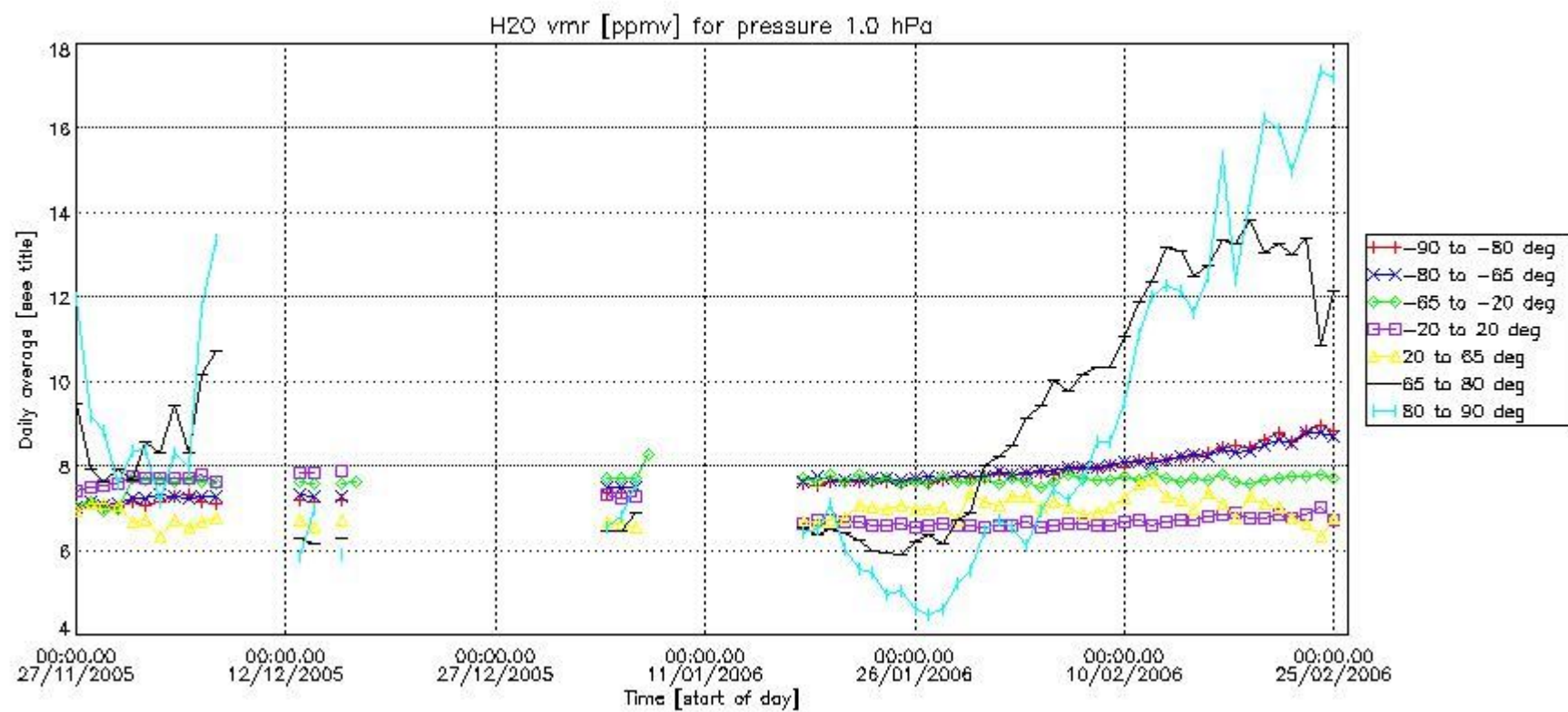
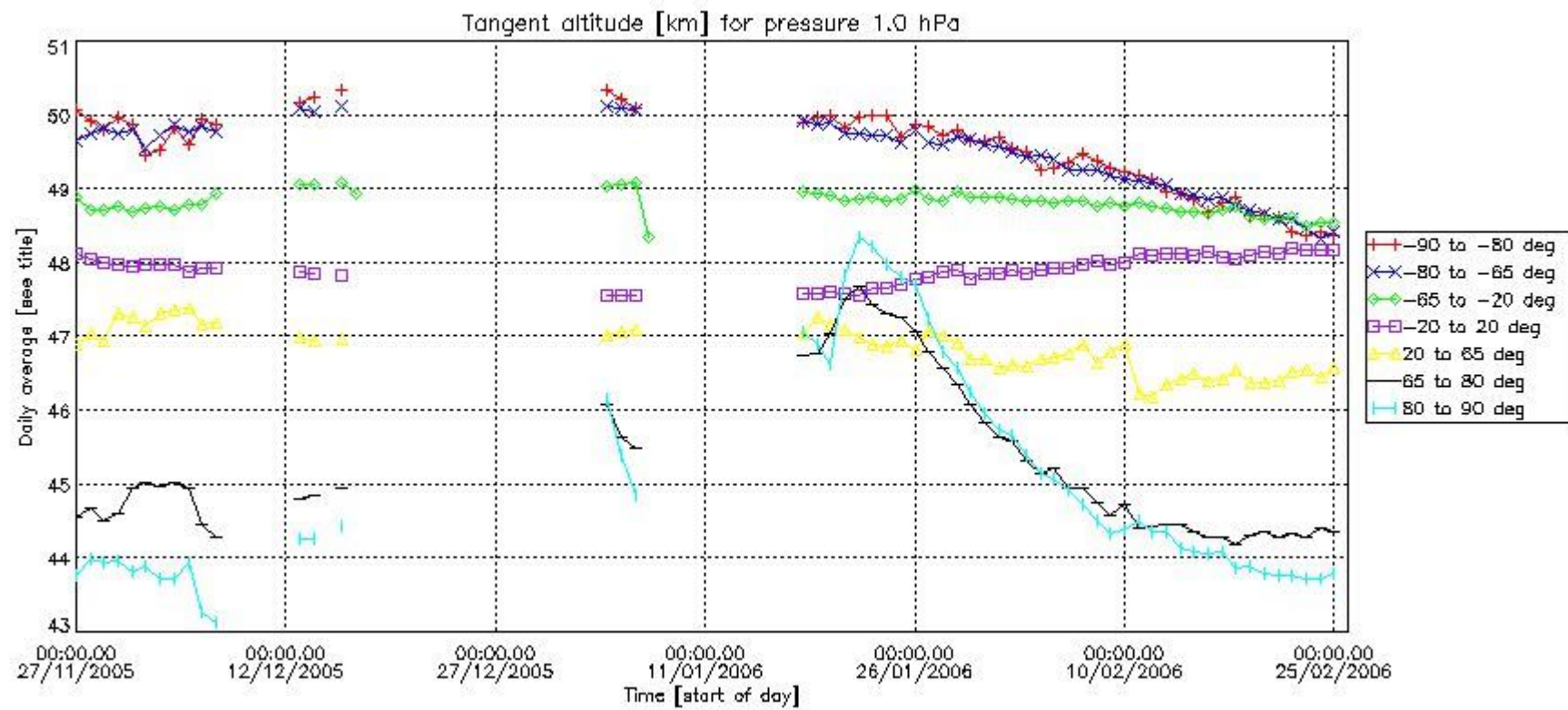


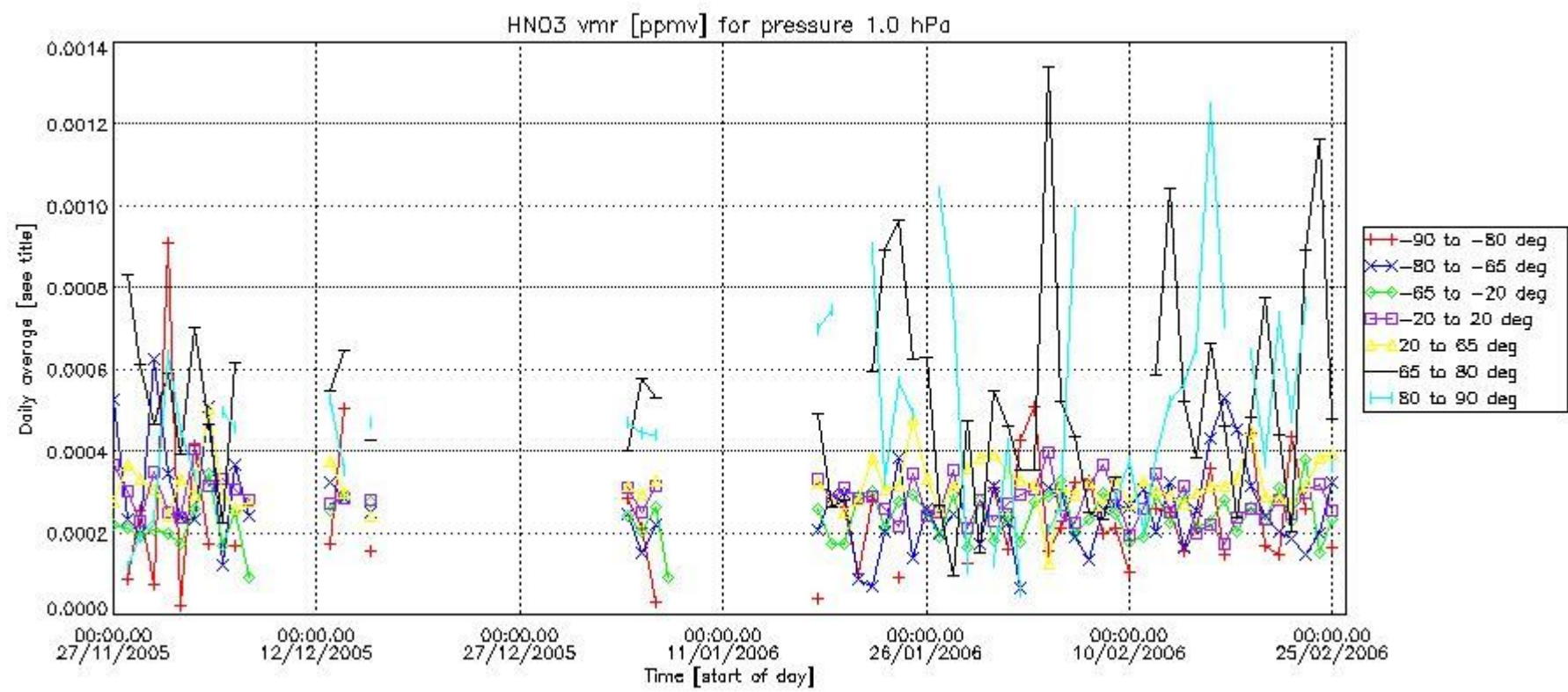
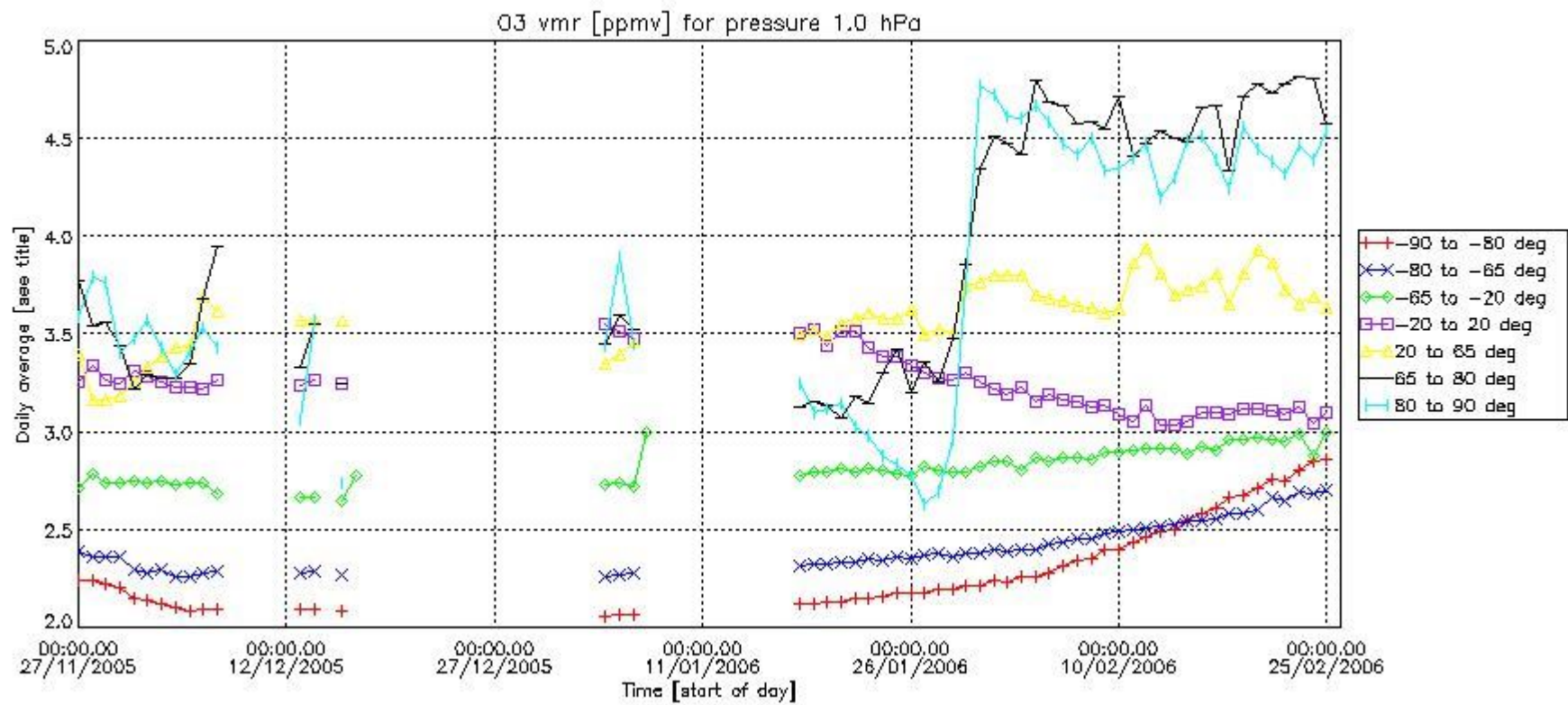


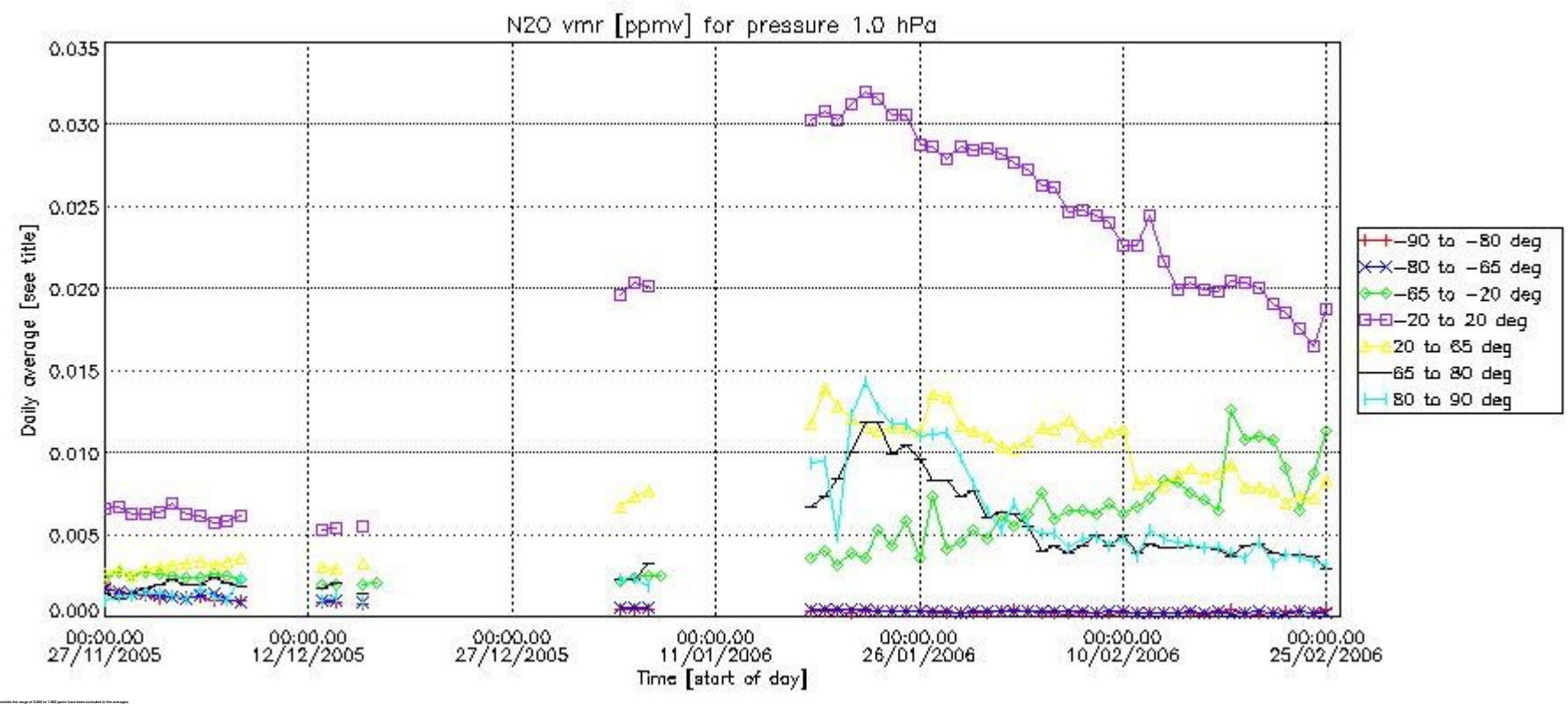
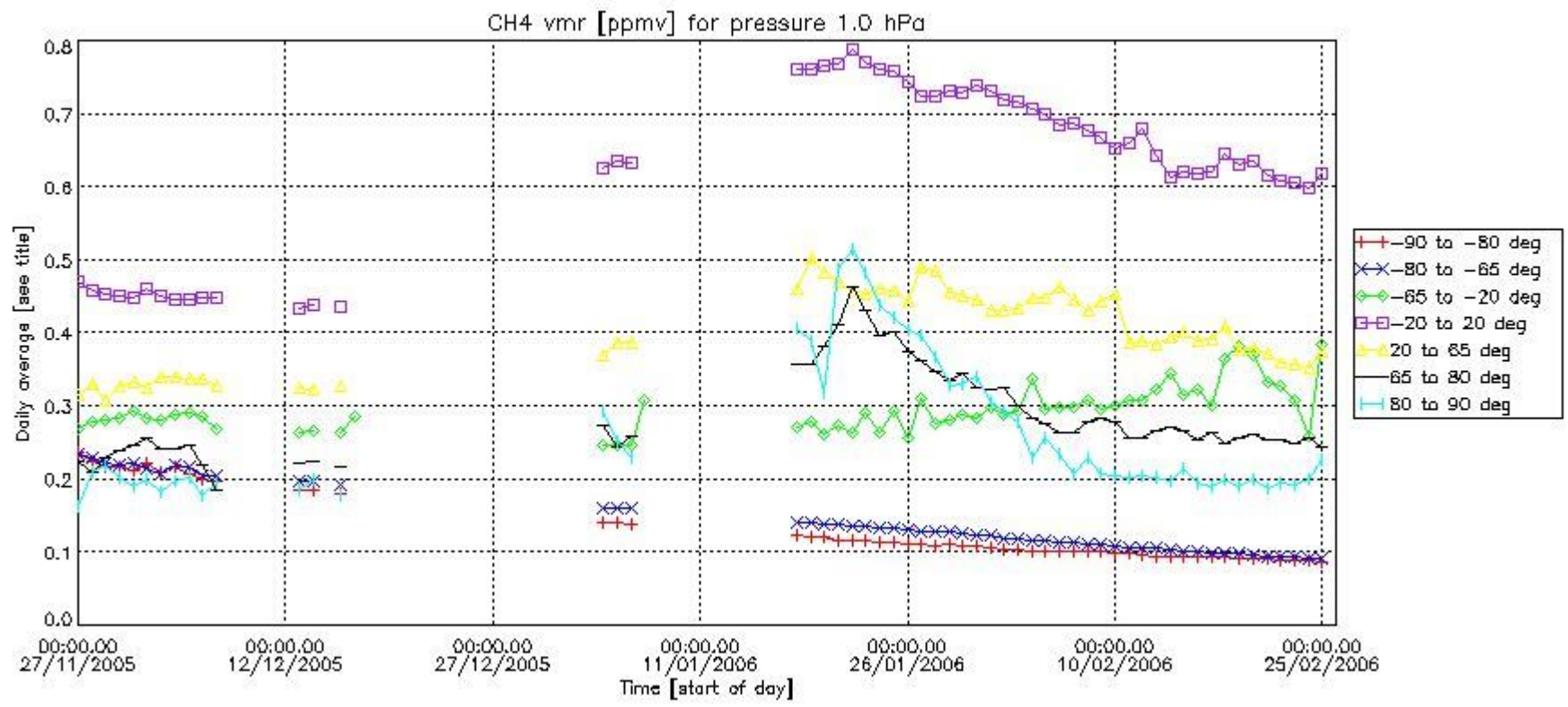


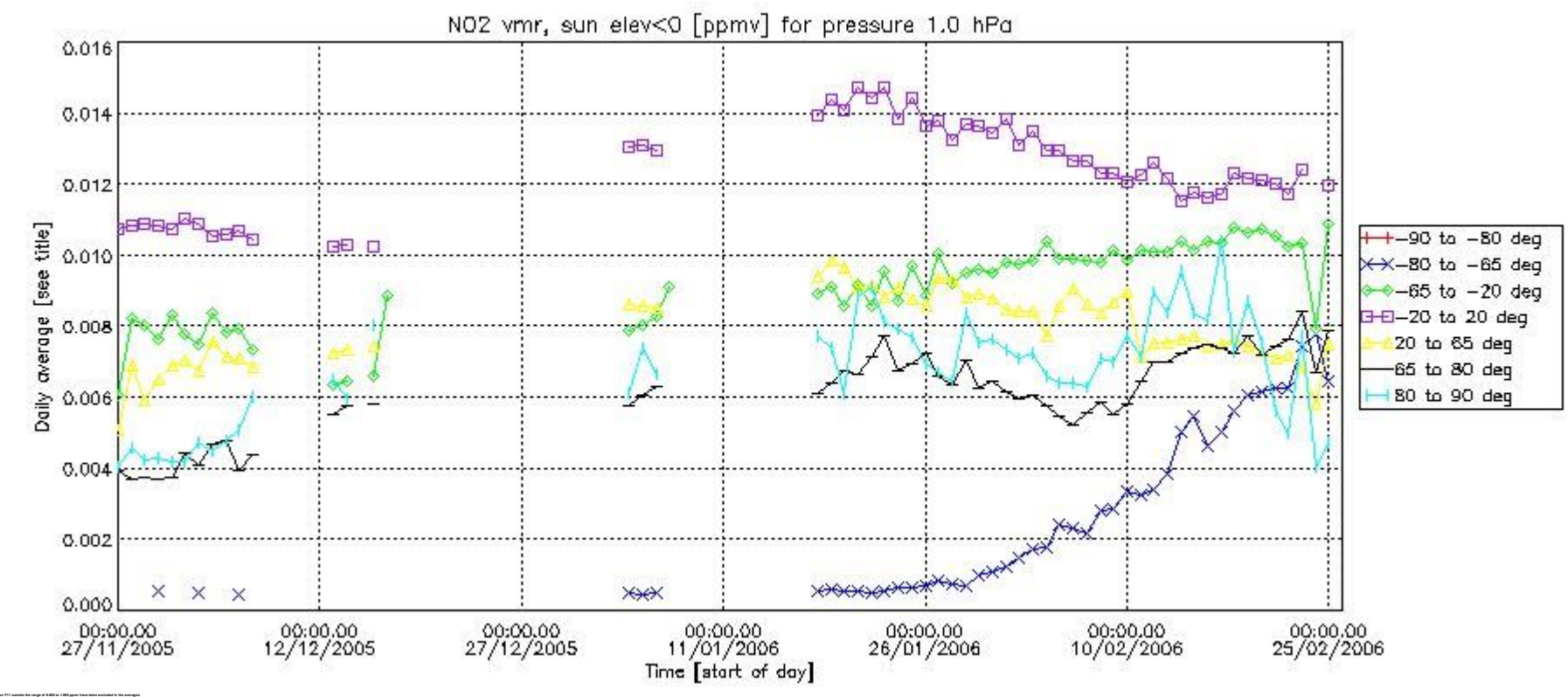
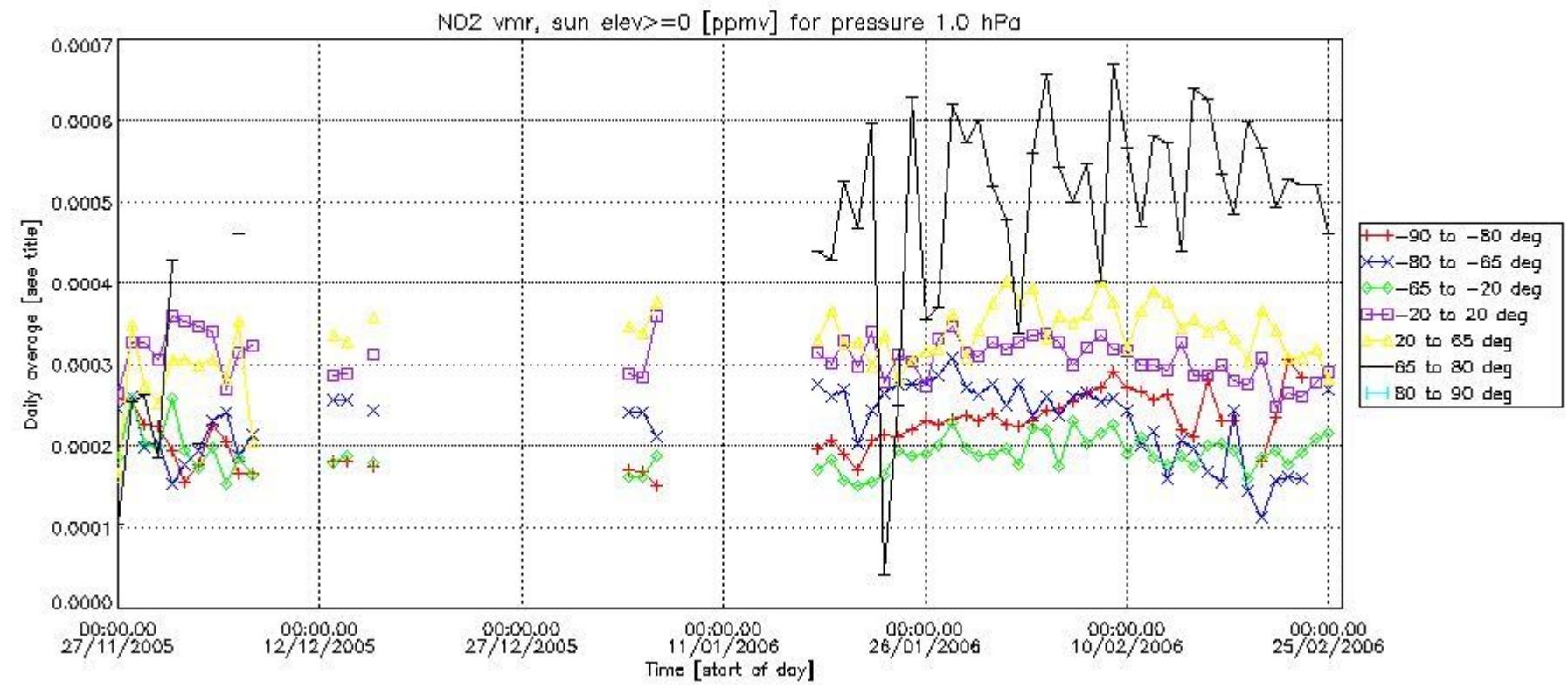


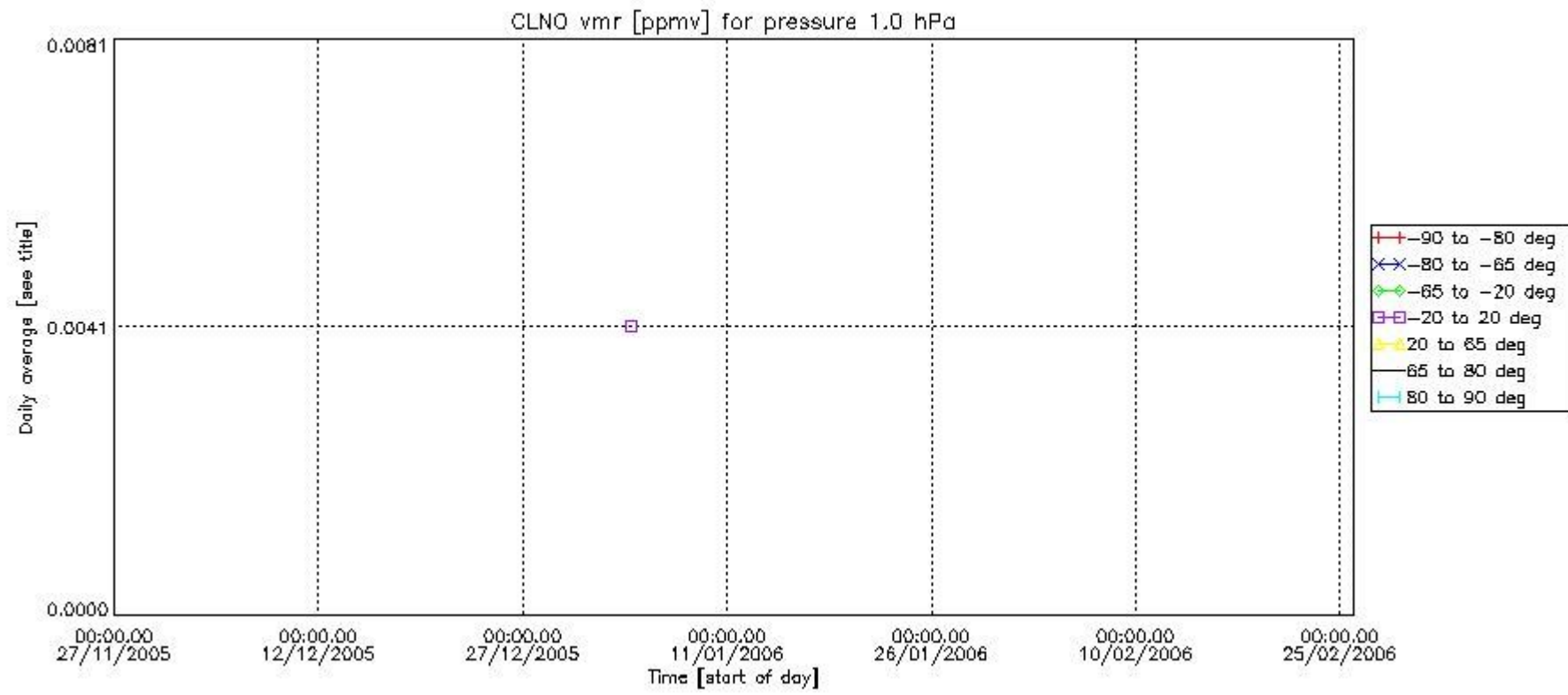
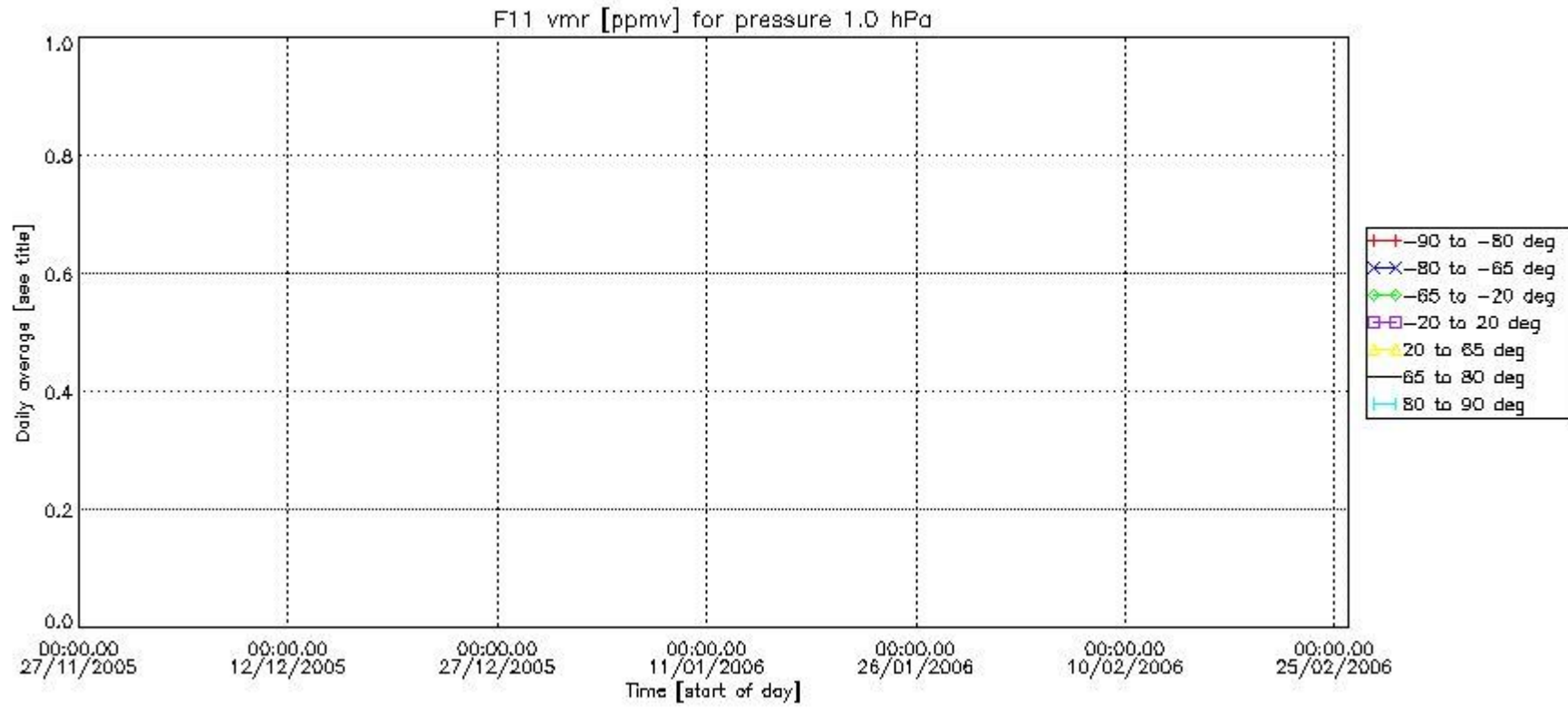


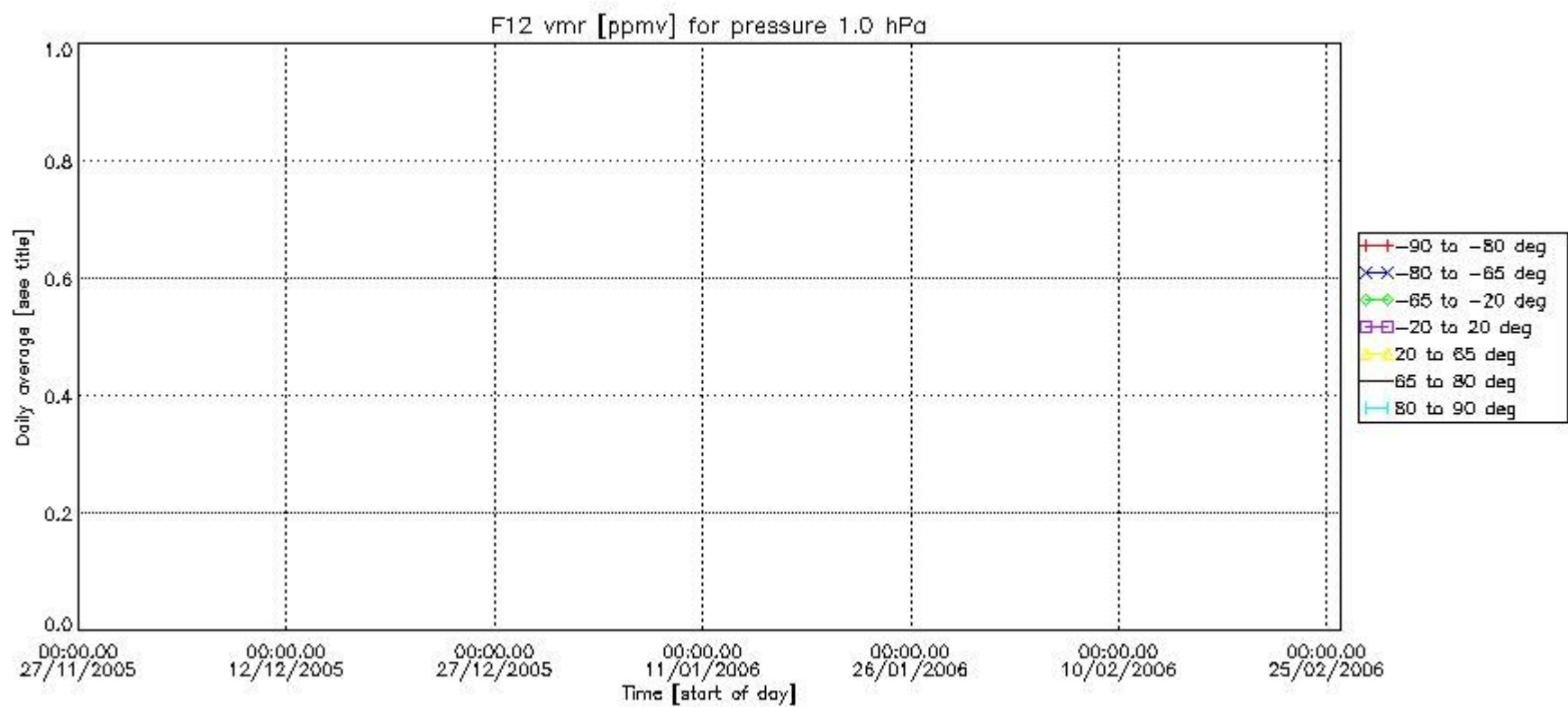
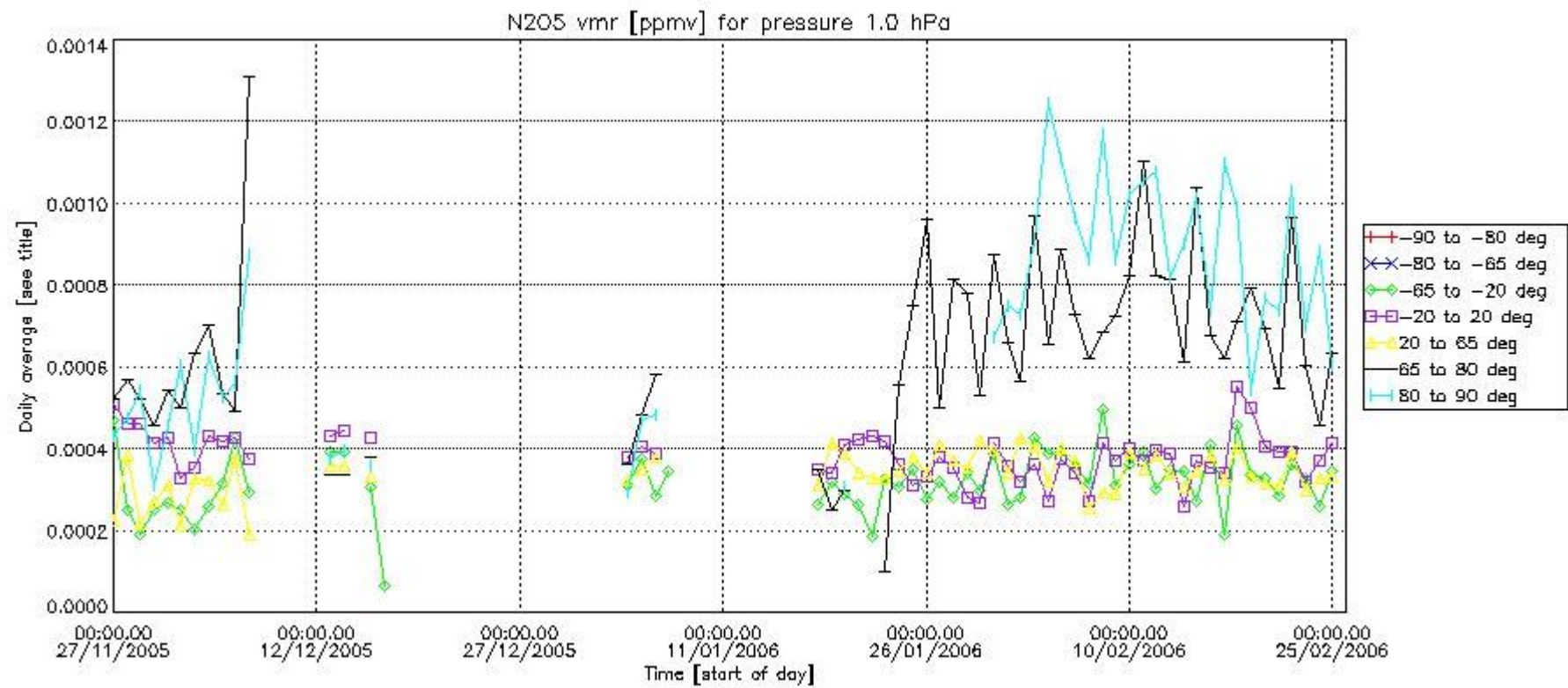


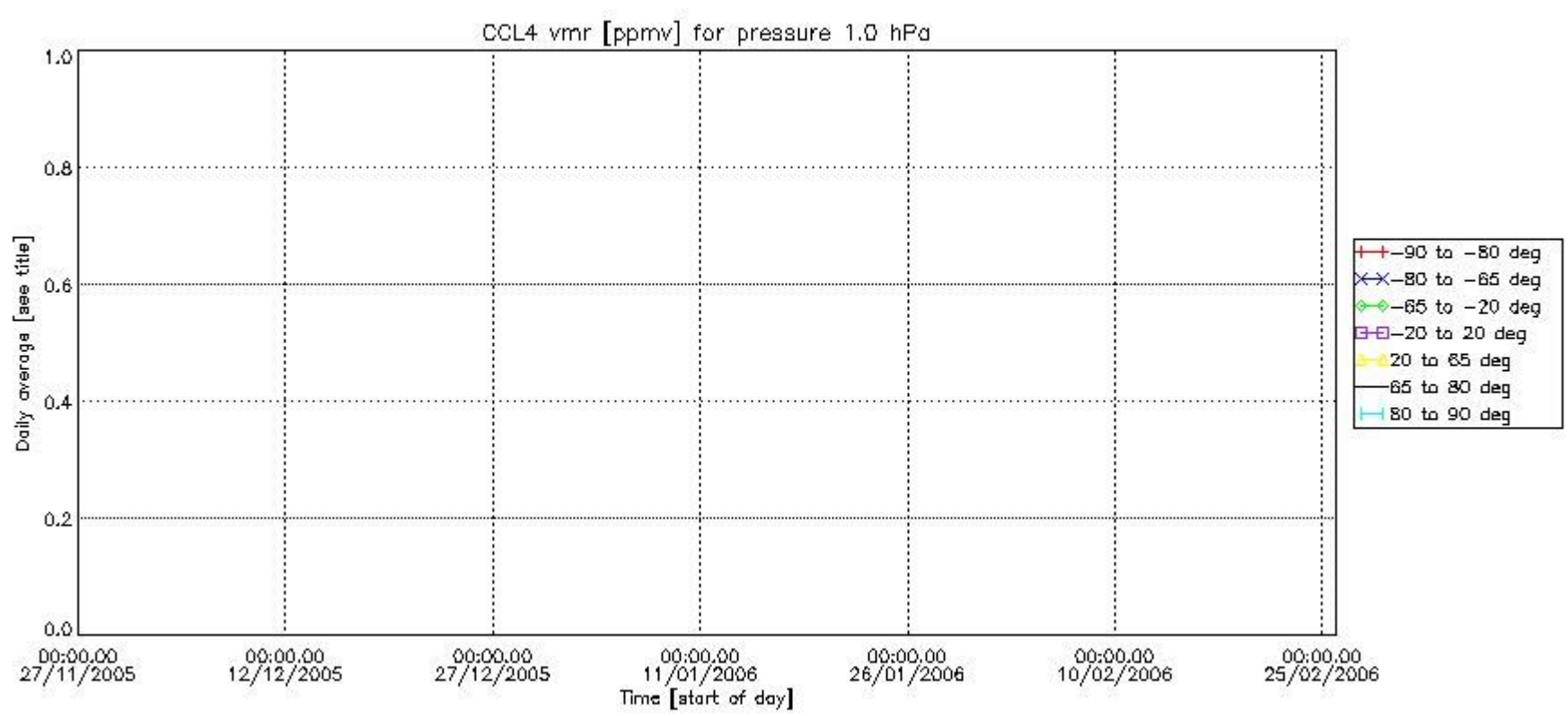
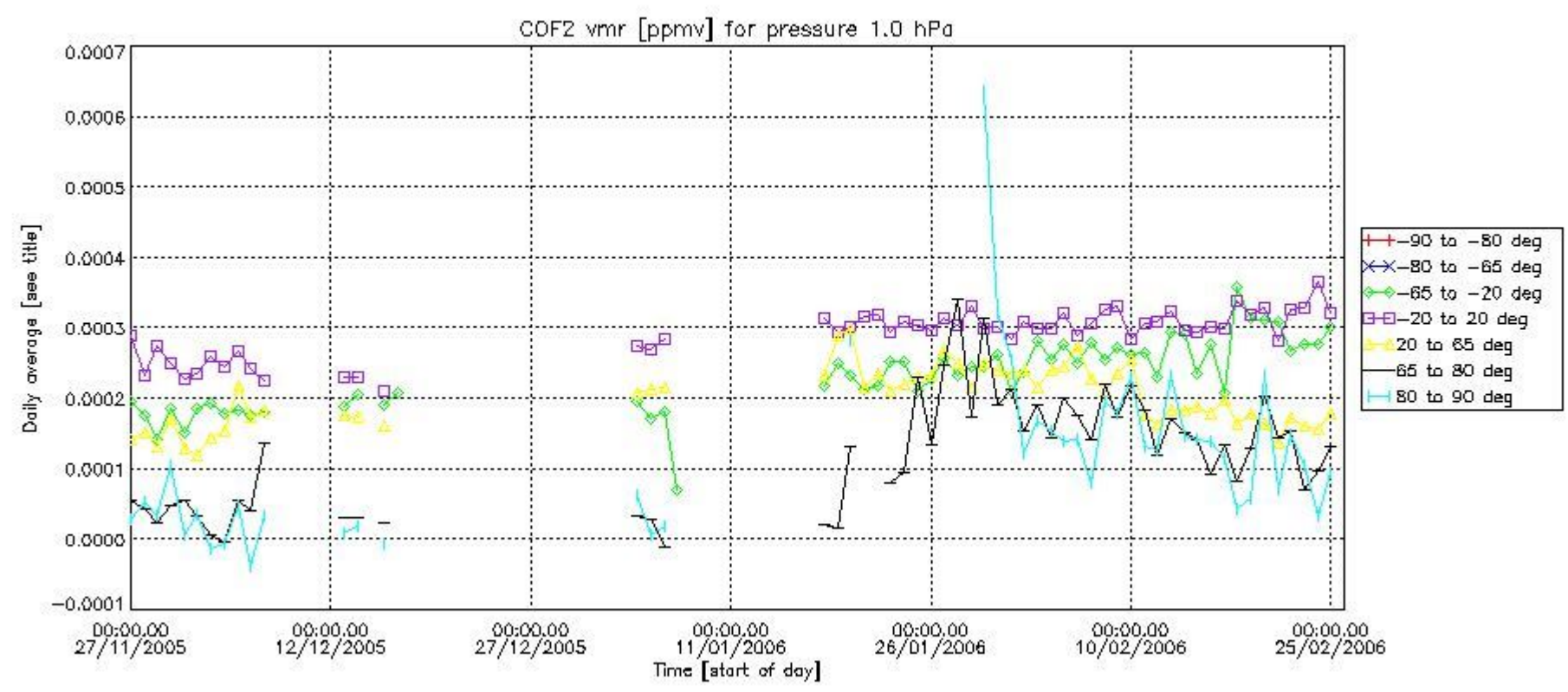


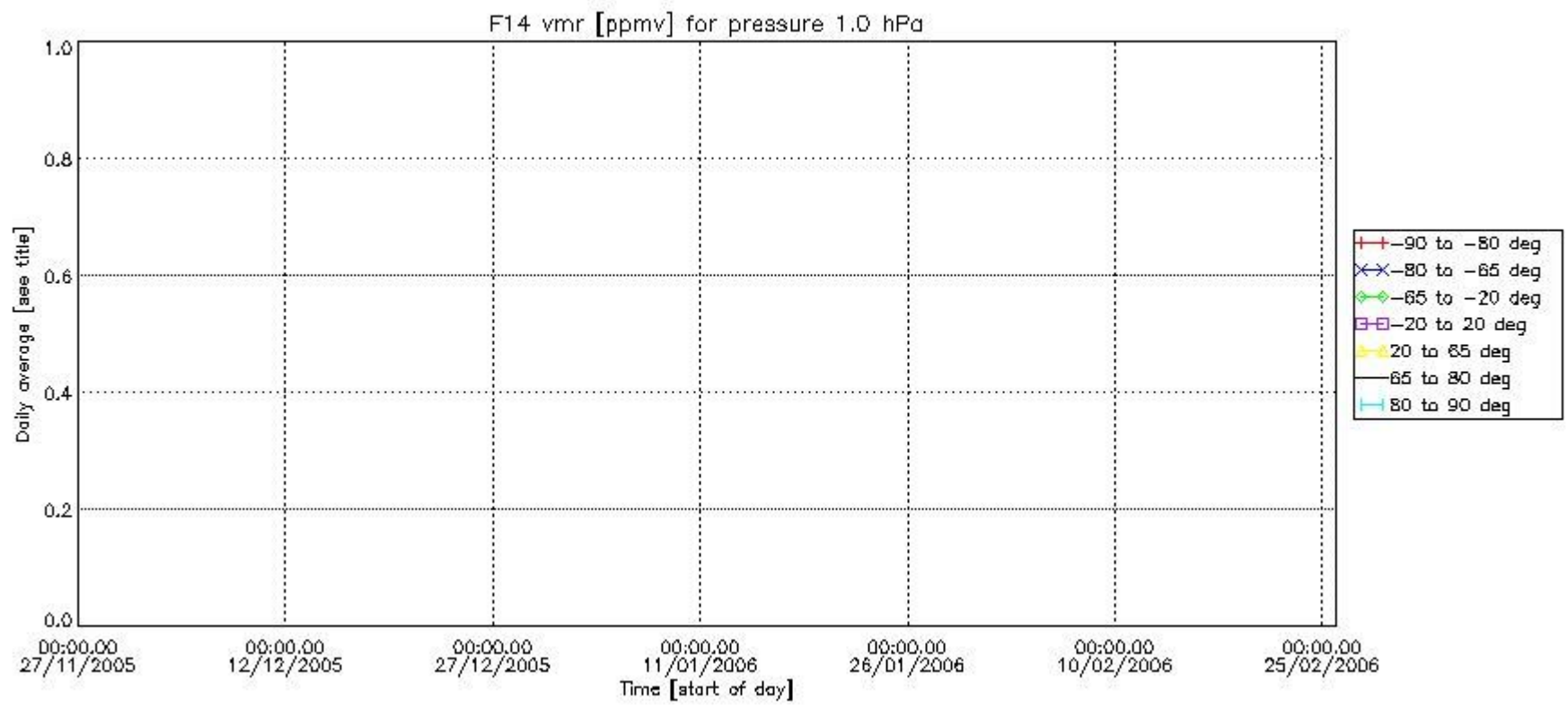
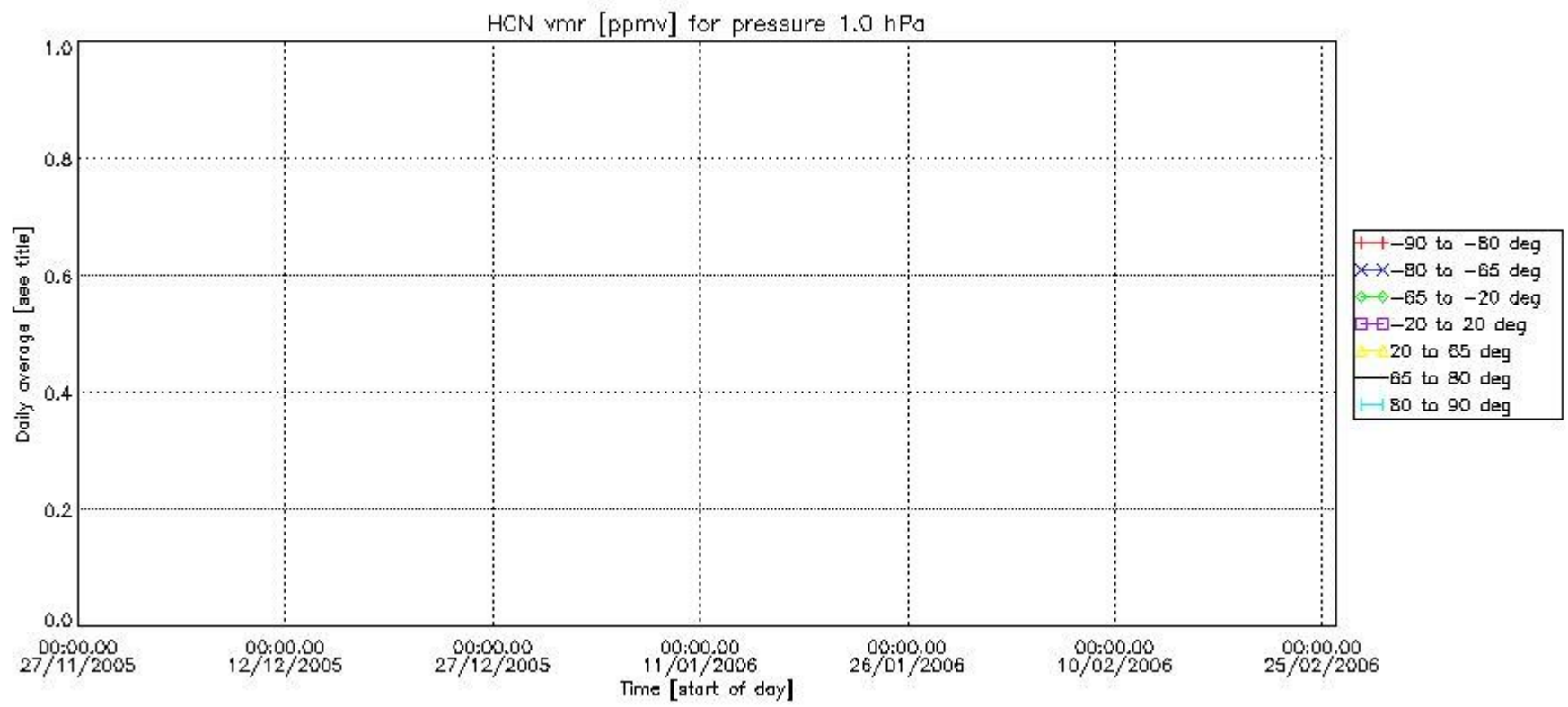


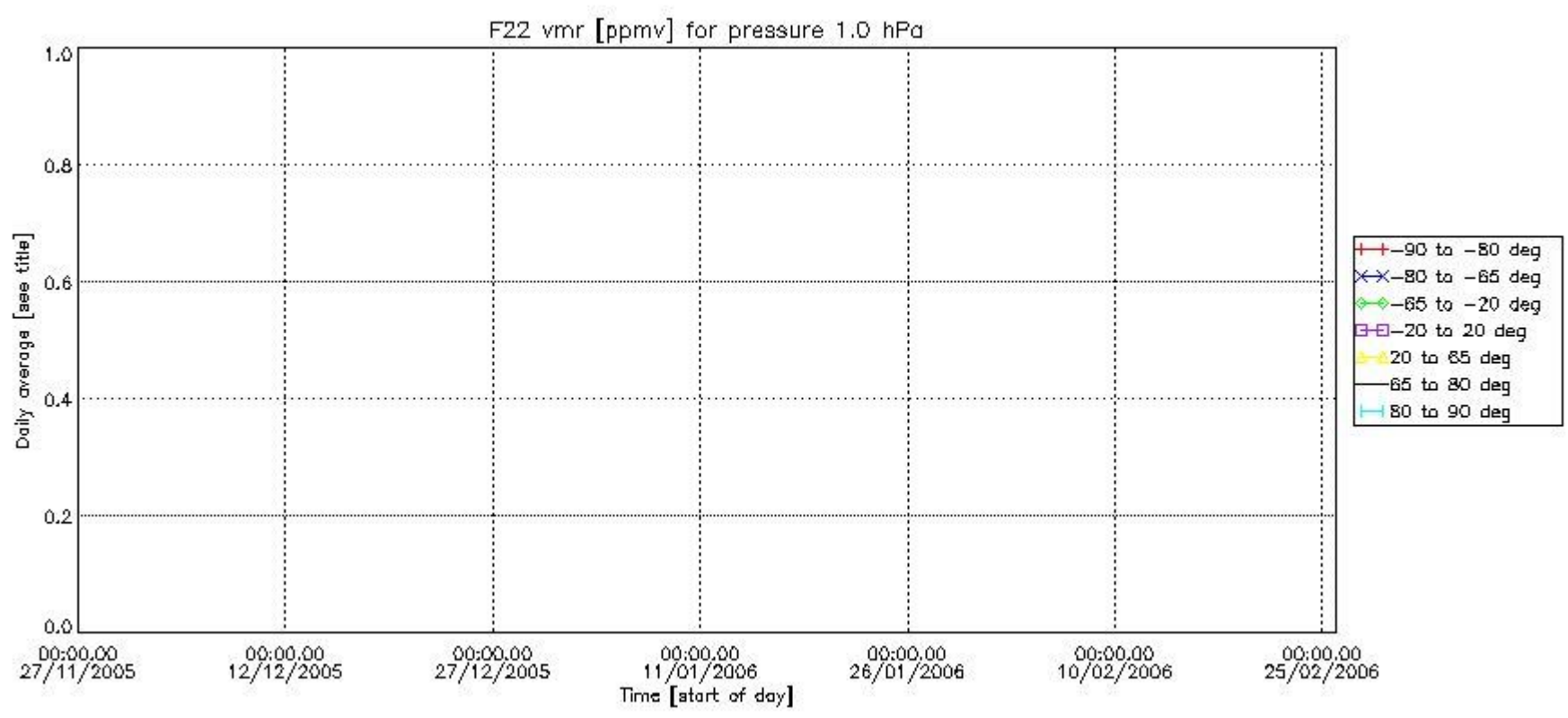












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

