

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051111.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	20APR2016 16:24:01
Data source version	ML2PP/7.03-W
Processing scope for products	11NOV2005 00:00:00 to 12NOV2005 00:00:00
Start time of first product within scope	11NOV2005 00:47:09
Stop time of last product within scope	12NOV2005 00:14:47
Total number of level 2 products	14
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.

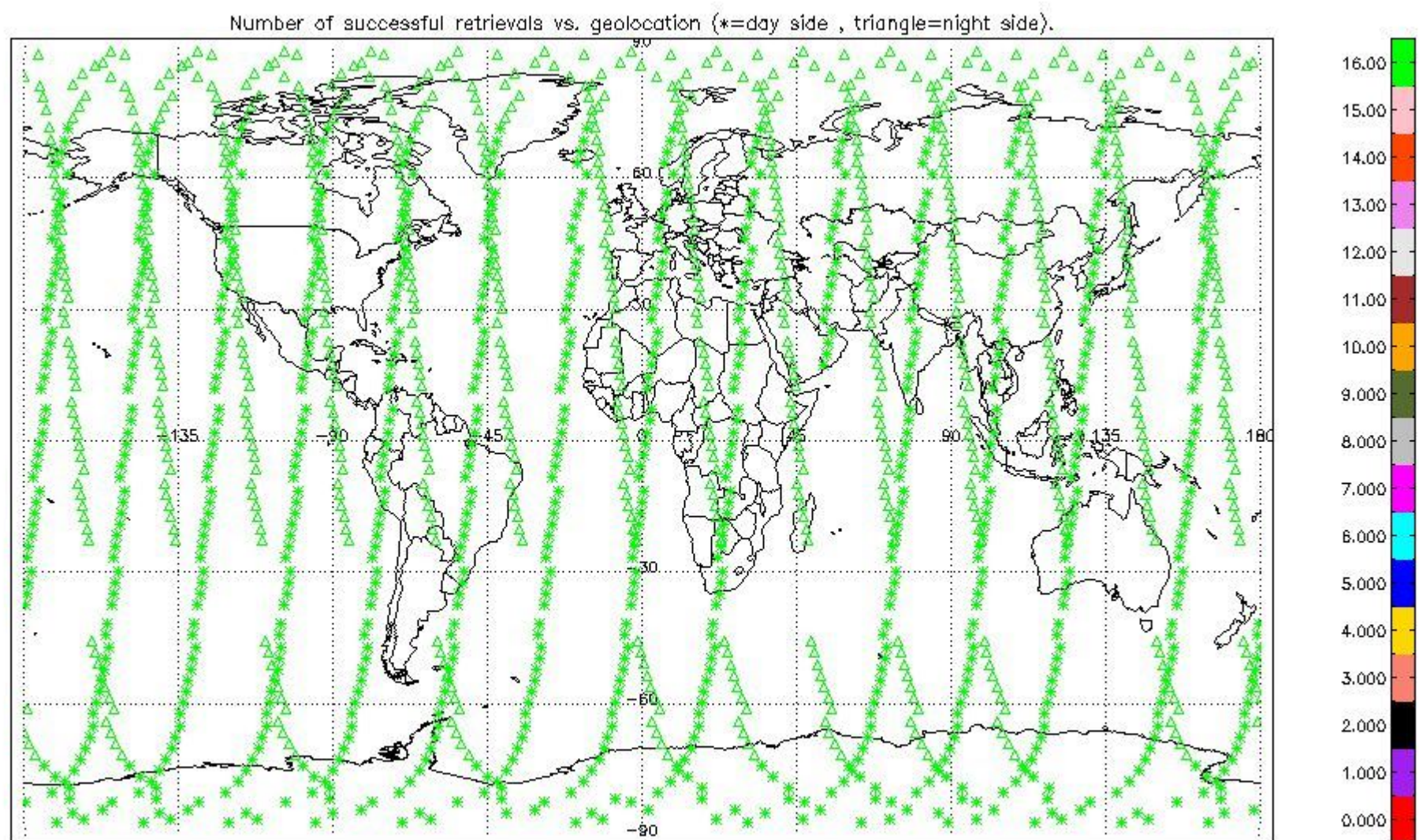
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20051111_004709_000056992042_00246_19338_1000.N1	11NOV2005 00:47:09	11NOV2005 02:22:08	0	126/126	VMR_TERM_MACRO_MICRO[F14/macro:1]
1	MIP_NL__2PWDSI20051111_022745_000048362042_00247_19339_1000.N1	11NOV2005 02:27:45	11NOV2005 03:48:21	0	107/107	VMR_TERM_MACRO_MICRO[O3/micro:1; HCN/micro:1]
2	MIP_NL__2PWDSI20051111_040821_000056992042_00248_19340_1000.N1	11NOV2005 04:08:21	11NOV2005 05:43:20	0	126/126	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:2]
3	MIP_NL__2PWDSI20051111_054857_000031532042_00249_19341_1000.N1	11NOV2005 05:48:57	11NOV2005 06:41:30	0	70/70	VMR_TERM_MACRO_MICRO[HCN/micro:1]
4	MIP_NL__2PWDSI20051111_072933_000056992042_00250_19342_1000.N1	11NOV2005 07:29:33	11NOV2005 09:04:32	0	126/126	VMR_TERM_MACRO_MICRO[HCN/micro:1]
5	MIP_NL__2PWDSI20051111_091009_000056992042_00251_19343_1000.N1	11NOV2005 09:10:09	11NOV2005 10:45:08	0	126/126	VMR_TERM_MACRO_MICRO[O3/micro:1; HCN/micro:1]
6	MIP_NL__2PWDSI20051111_105045_000056992042_00252_19344_1000.N1	11NOV2005 10:50:45	11NOV2005 12:25:43	0	126/126	VMR_TERM_MACRO_MICRO[HCN/macro:1; O3/micro:1; CCL4/micro:1; HCN/micro:3]
7	MIP_NL__2PWDSI20051111_123121_000049532042_00253_19345_1000.N1	11NOV2005 12:31:21	11NOV2005 13:53:53	0	109/109	
8	MIP_NL__2PWDSI20051111_141156_000056992042_00254_19346_1000.N1	11NOV2005 14:11:56	11NOV2005 15:46:55	0	126/126	VMR_TERM_MACRO_MICRO[F14/macro:4]
9	MIP_NL__2PWDSI20051111_155232_000056992042_00255_19347_1000.N1	11NOV2005 15:52:32	11NOV2005 17:27:31	0	126/126	VMR_TERM_MACRO_MICRO[F14/macro:1]
10	MIP_NL__2PWDSI20051111_173308_000056992042_00256_19348_1000.N1	11NOV2005 17:33:08	11NOV2005 19:08:07	0	126/126	VMR_TERM_MACRO_MICRO[F14/macro:3]
11	MIP_NL__2PWDSI20051111_191344_000056992042_00257_19349_1000.N1	11NOV2005 19:13:44	11NOV2005 20:48:43	0	126/126	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1]
12	MIP_NL__2PWDSI20051111_205420_000056992042_00258_19350_1000.N1	11NOV2005 20:54:20	11NOV2005 22:29:19	0	126/126	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:3]
13	MIP_NL__2PWDSI20051111_223456_000059912042_00259_19351_1000.N1	11NOV2005 22:34:56	12NOV2005 00:14:47	0	132/132	VMR_TERM_MACRO_MICRO[F11/micro:1]

2.2 Processing performance indicators

2.2.1 Successful retrievals

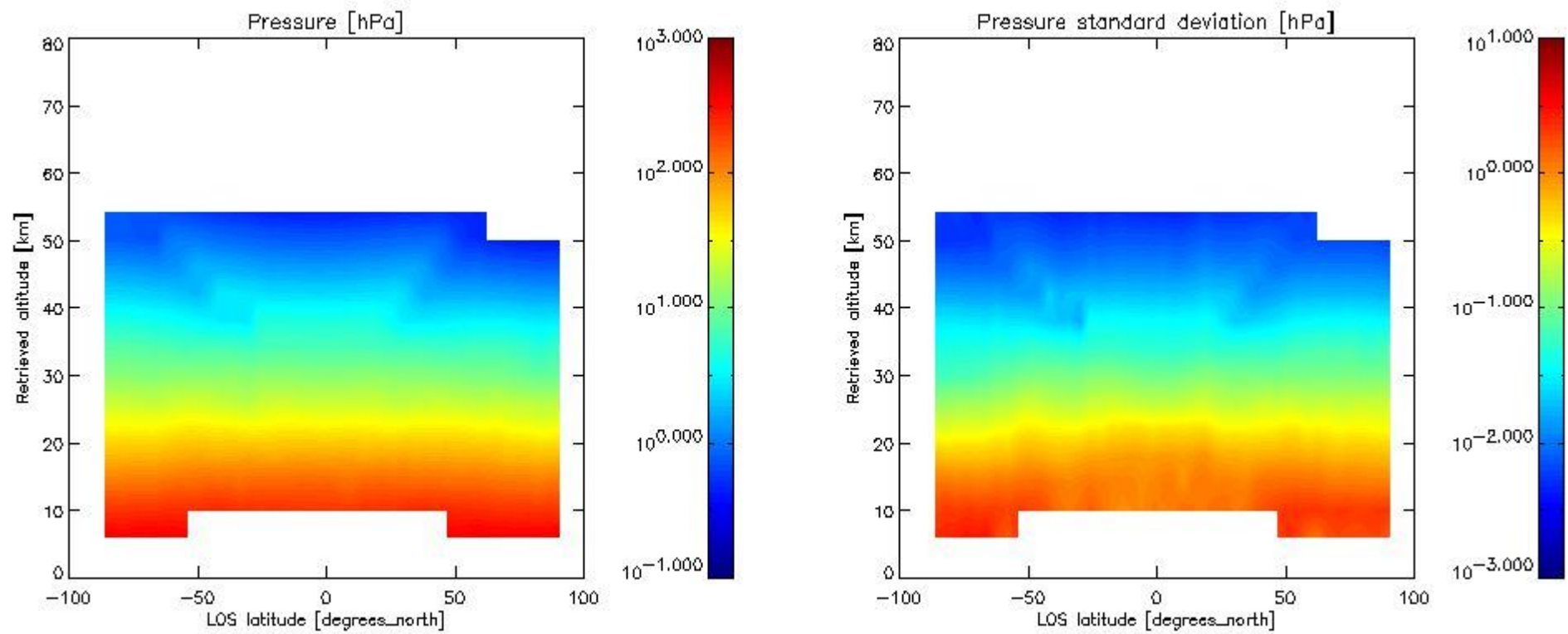
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1678	1658	98.808
H2O	1678	1658	98.808
O3	1678	1658	98.808
HNO3	1678	1658	98.808
CH4	1678	1658	98.808
N2O	1678	1658	98.808
NO2	1678	1658	98.808
F11	1678	1658	98.808
CLNO	1678	1658	98.808
N2O5	1678	1658	98.808
F12	1678	1658	98.808
COF2	1678	1658	98.808
CCL4	1678	1658	98.808
HCN	1678	1658	98.808
F14	1678	1658	98.808
F22	1678	1658	98.808



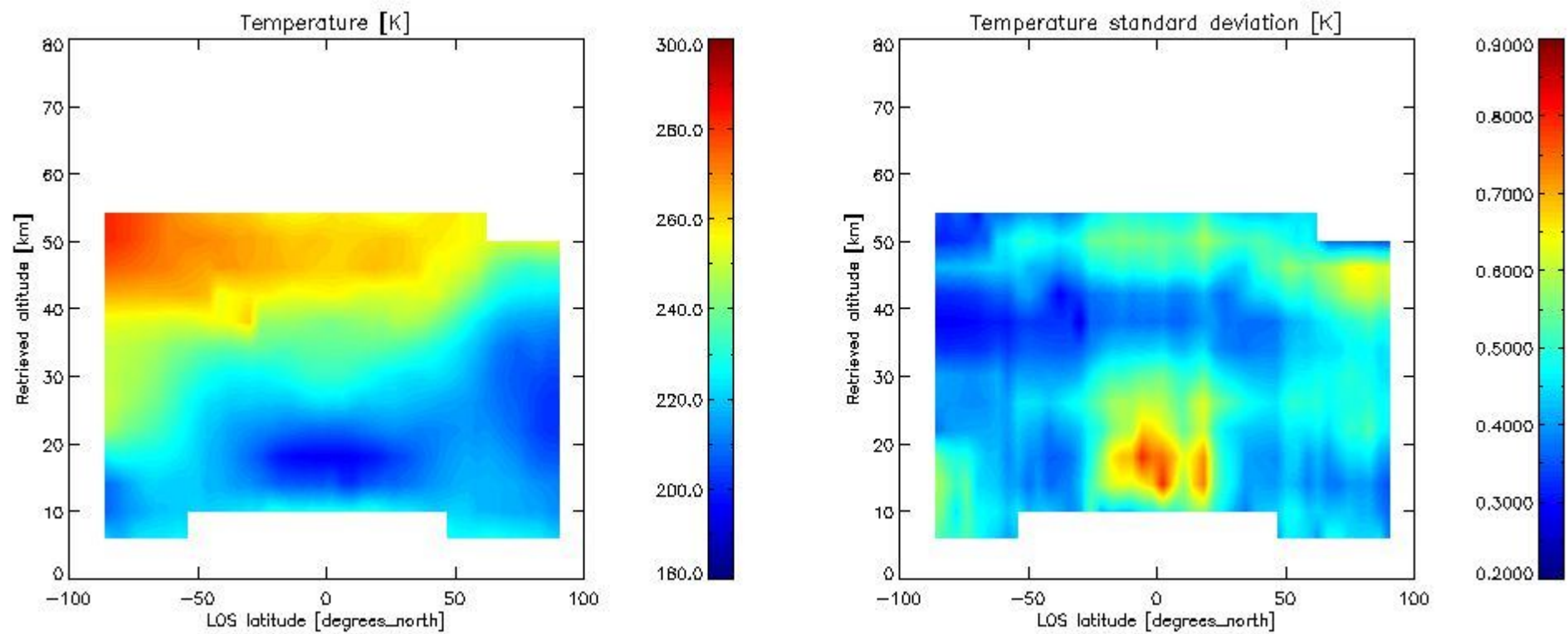
2.2.2 Pressure overview

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



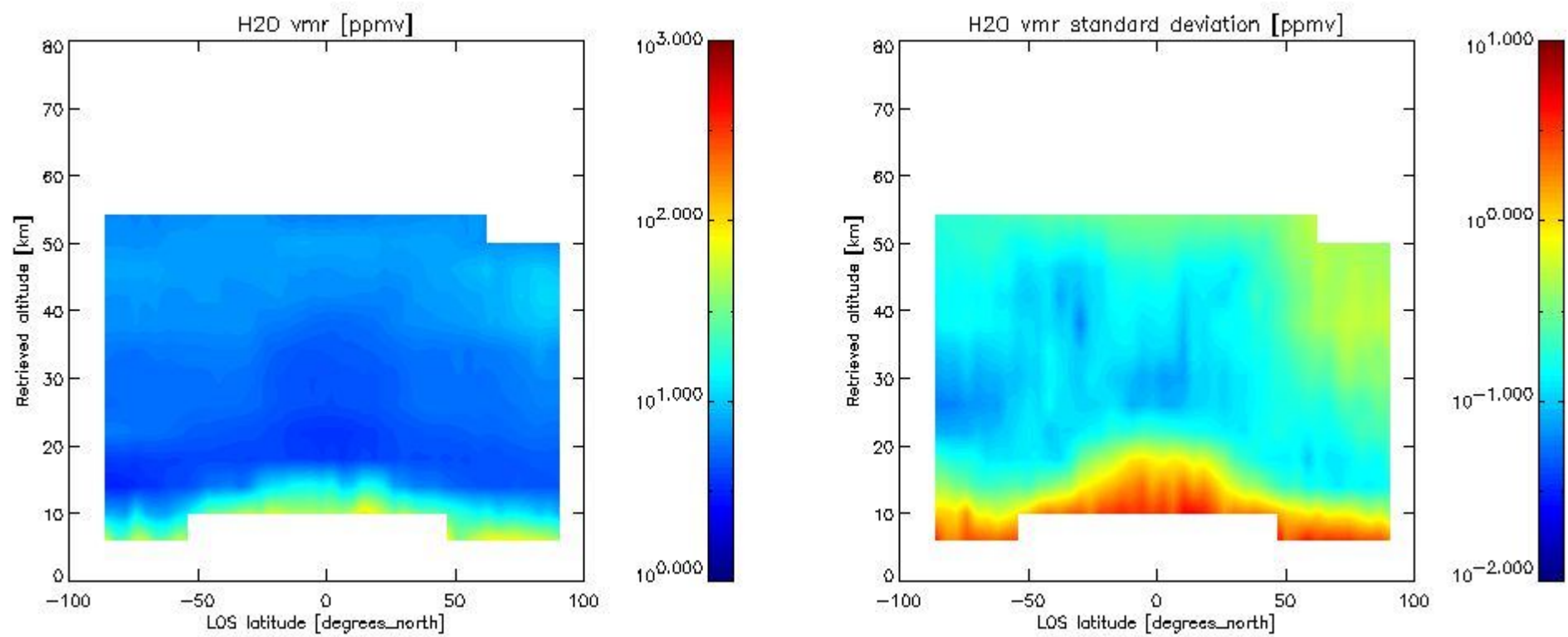
2.2.3 Temperature overview

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

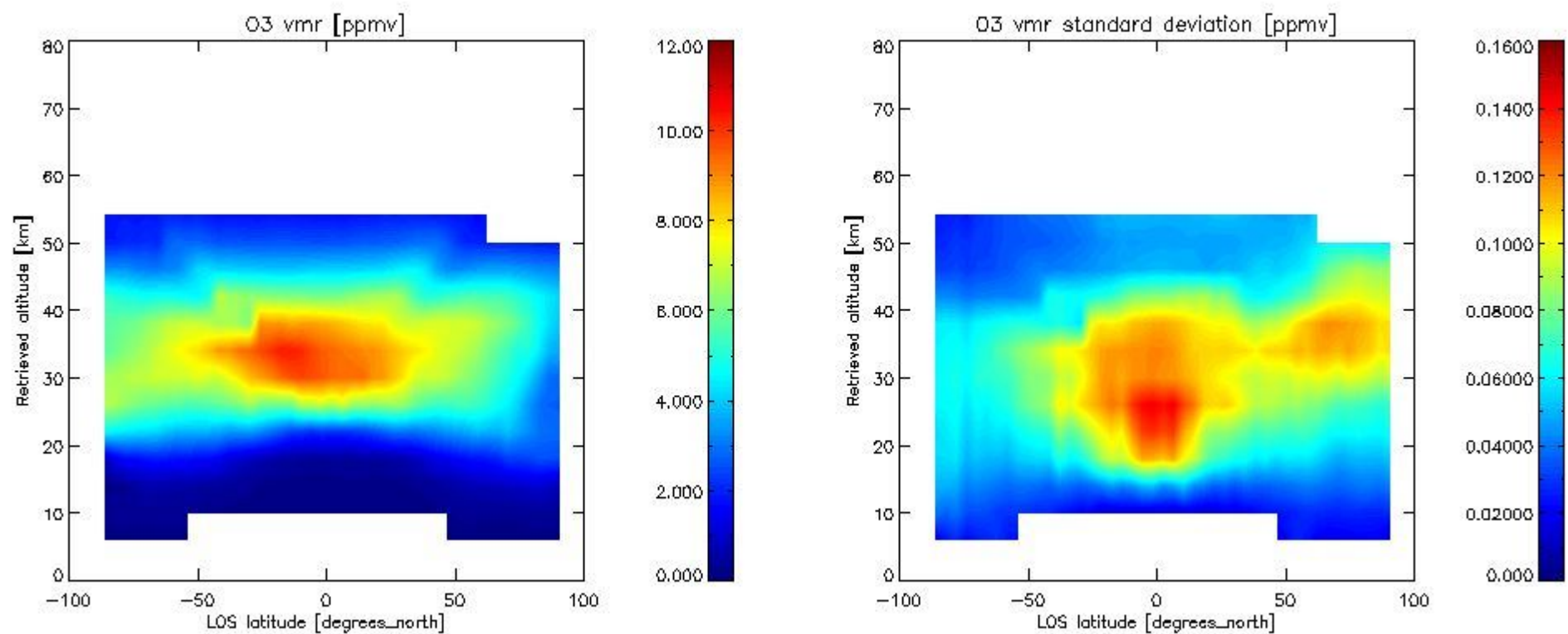


2.2.4 Species overview

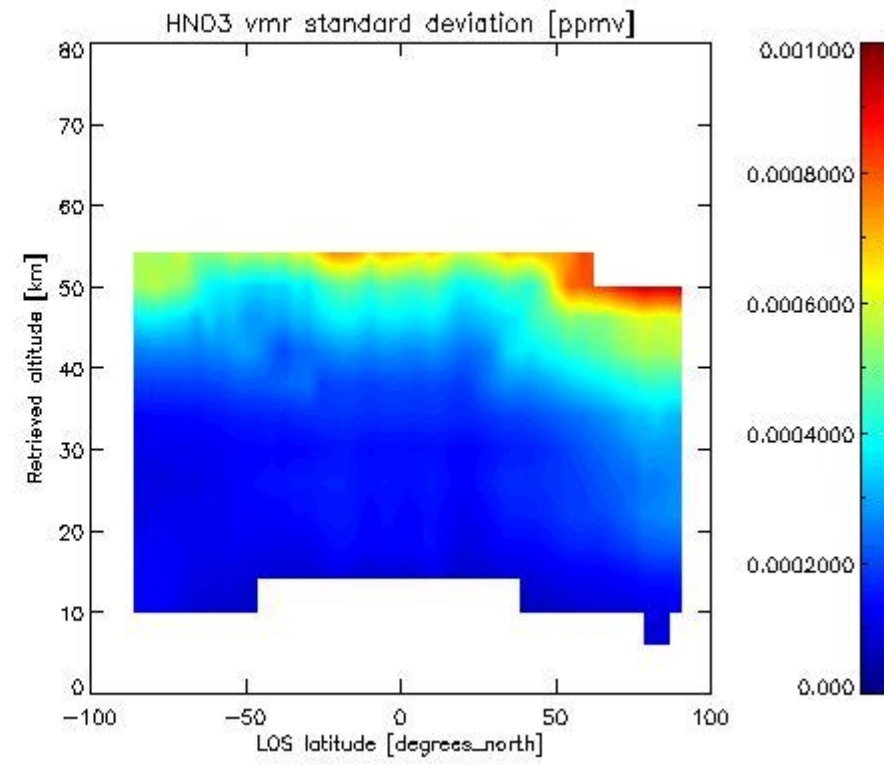
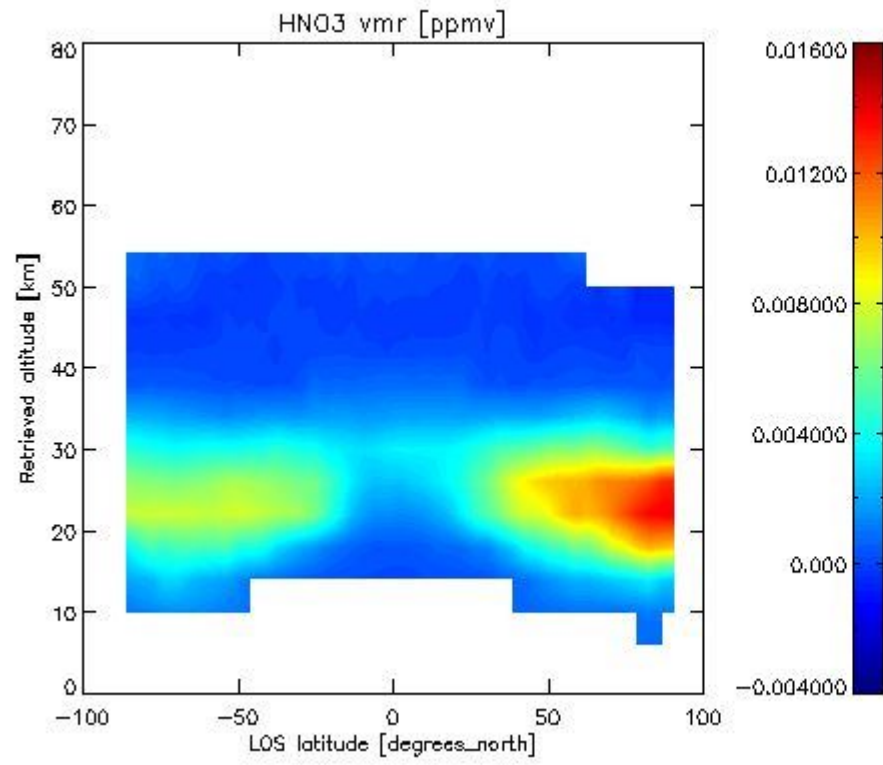
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



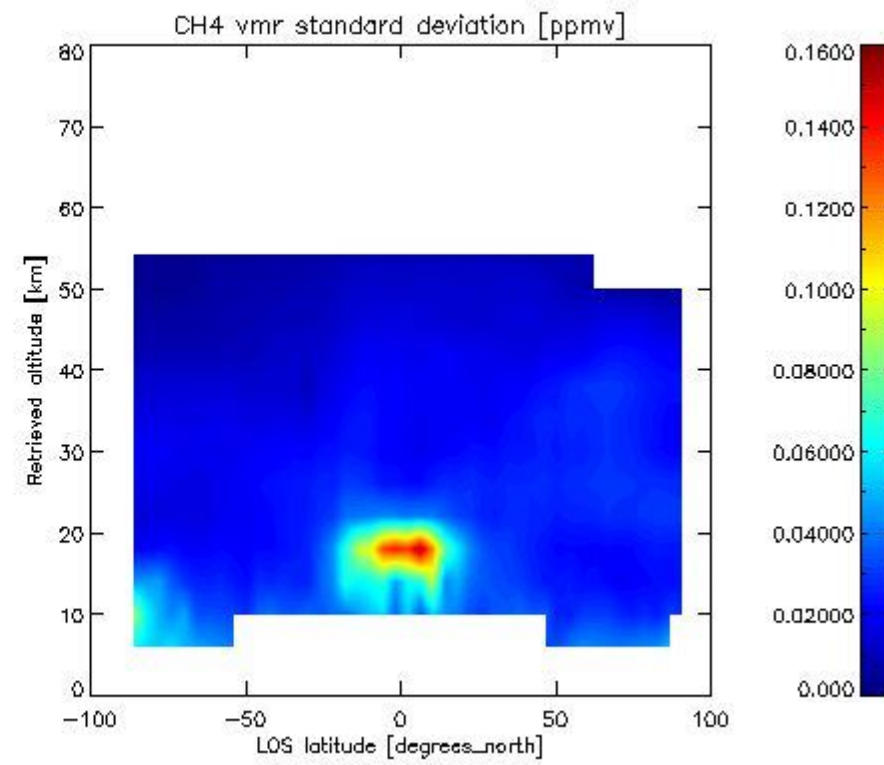
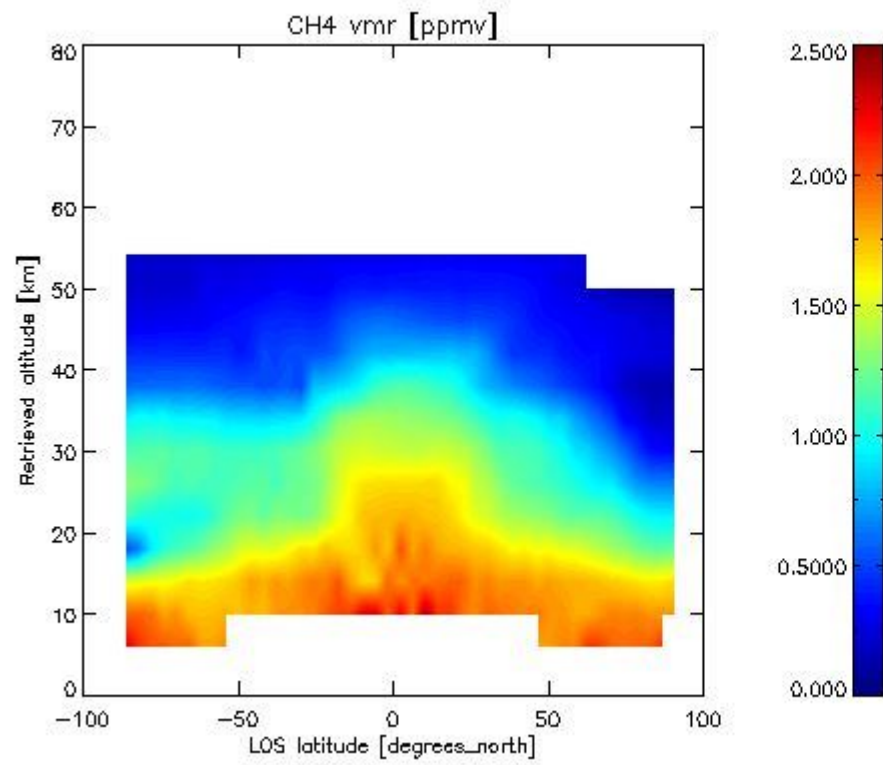
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



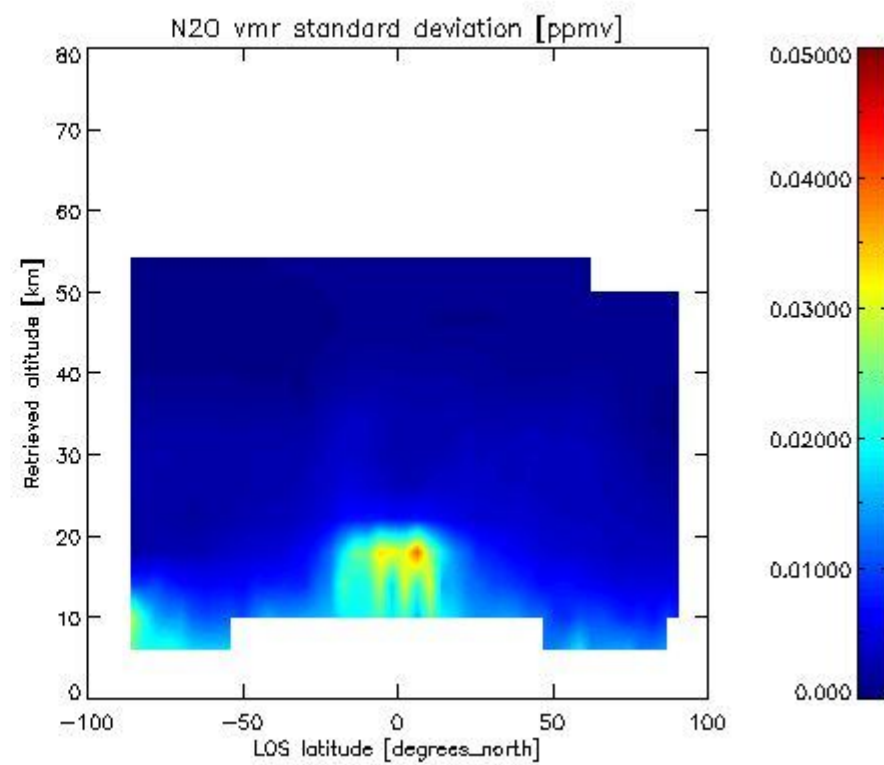
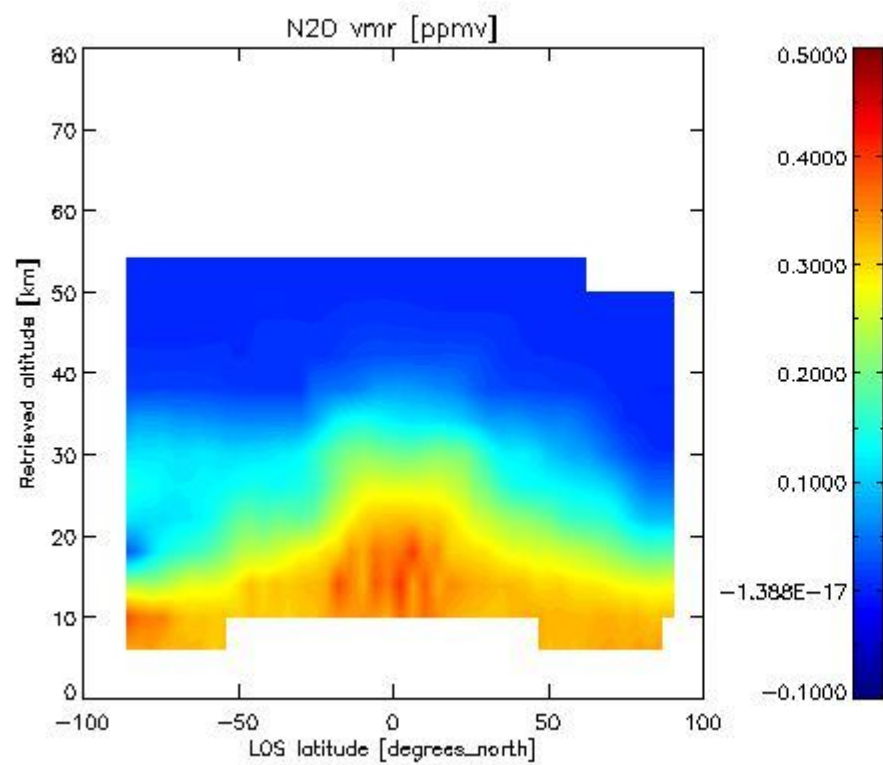
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



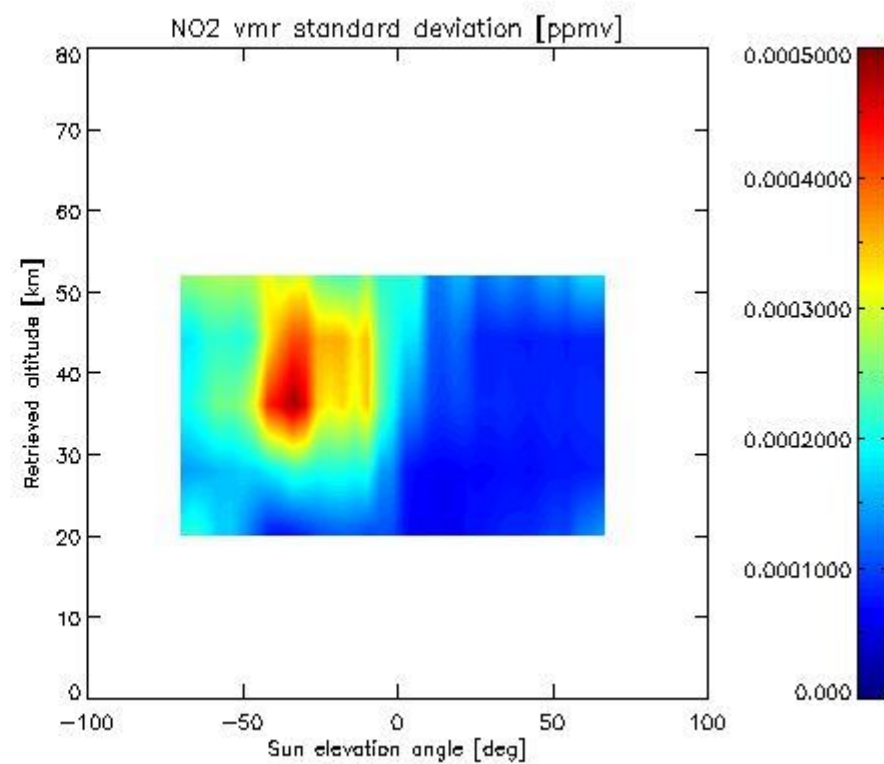
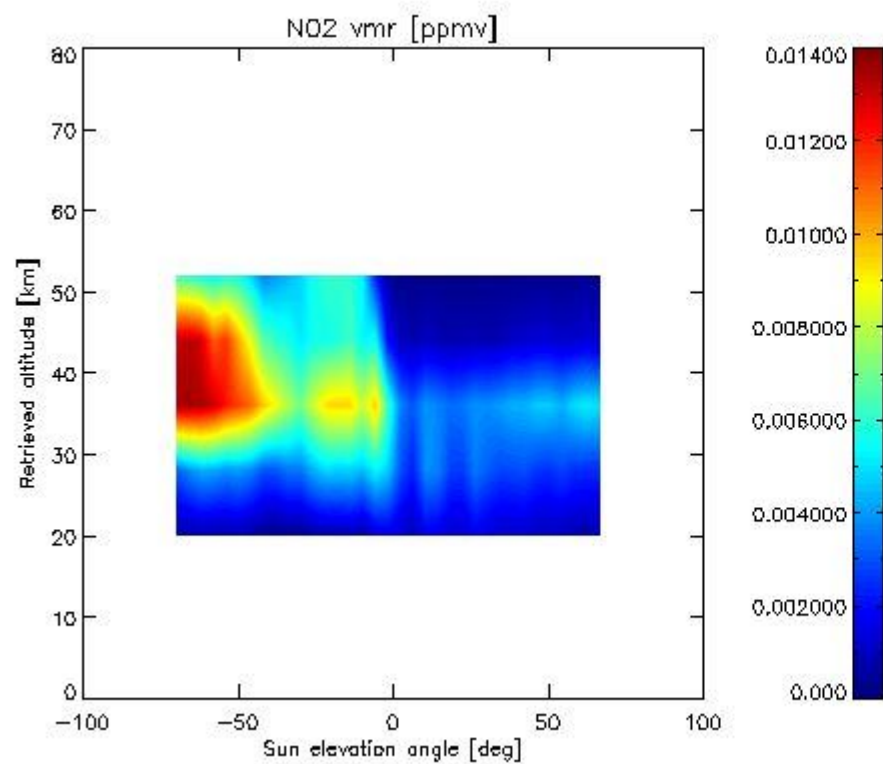
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



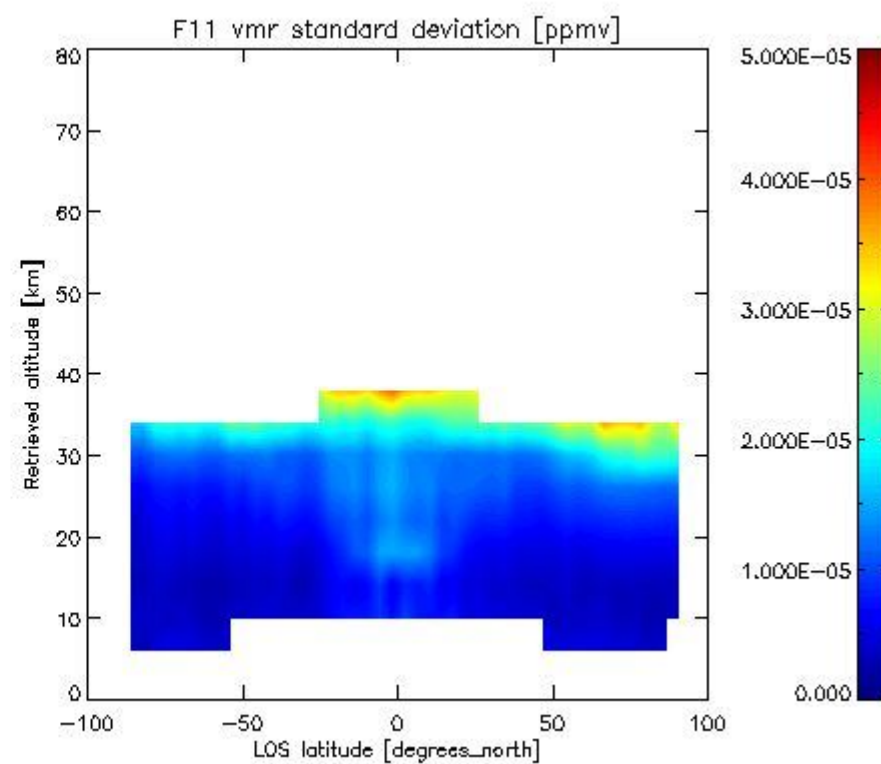
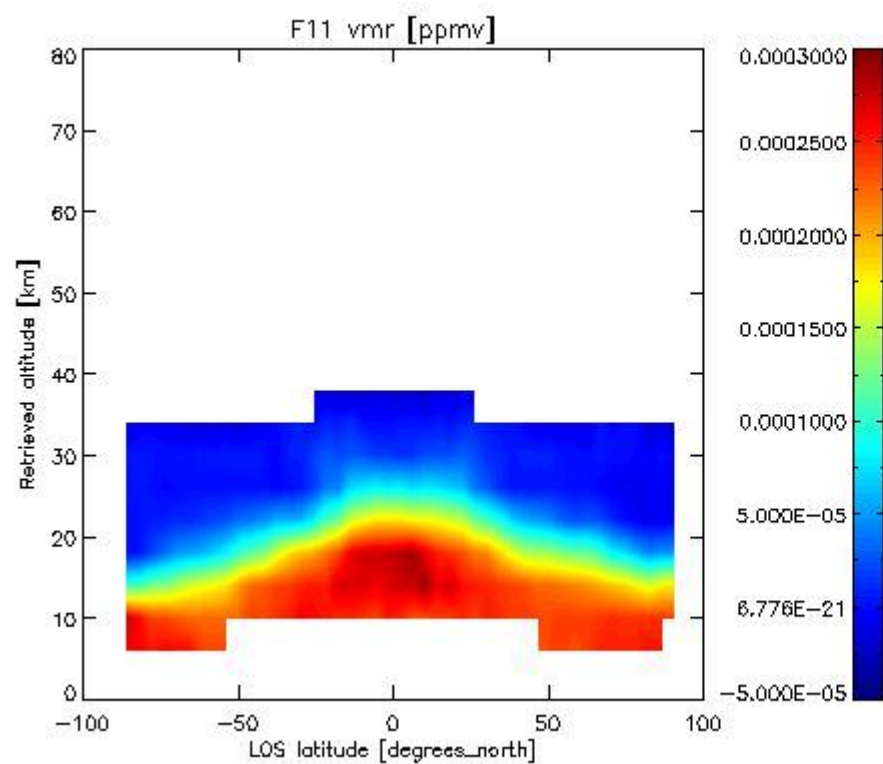
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



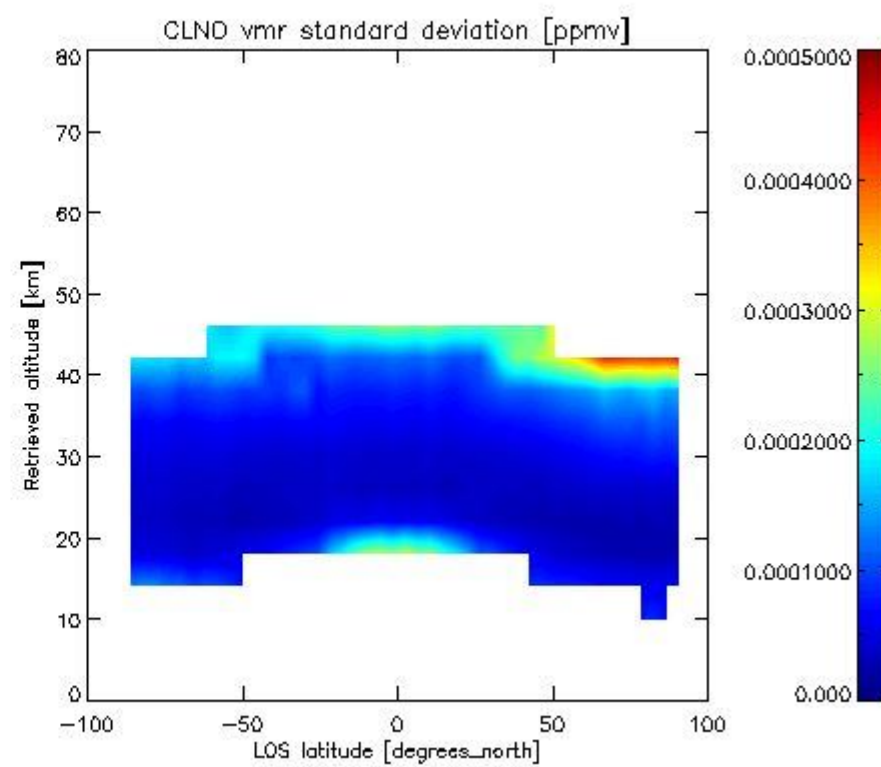
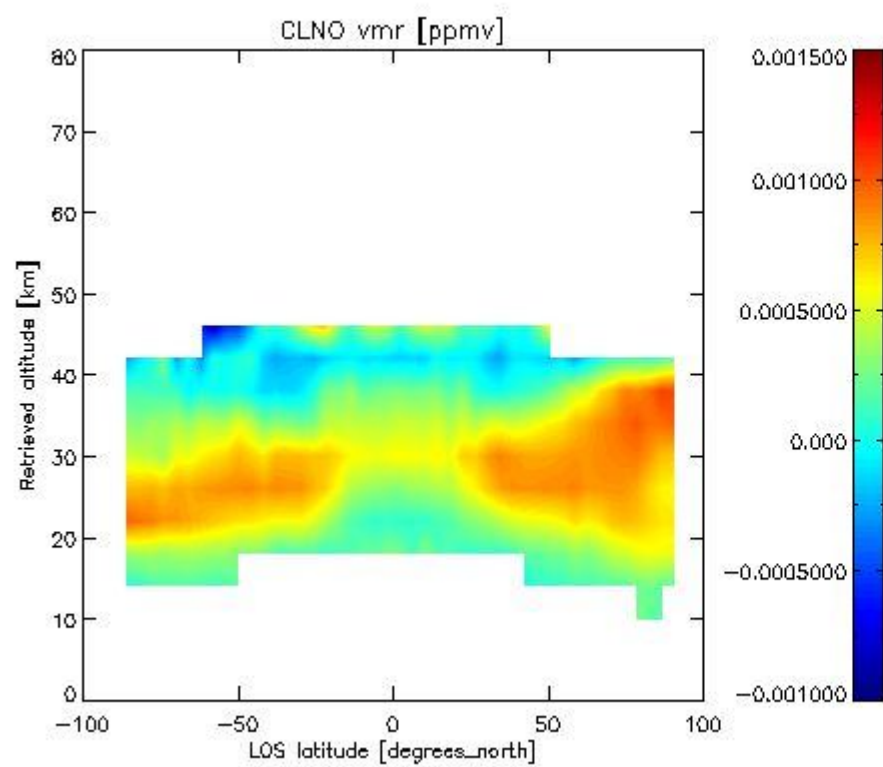
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

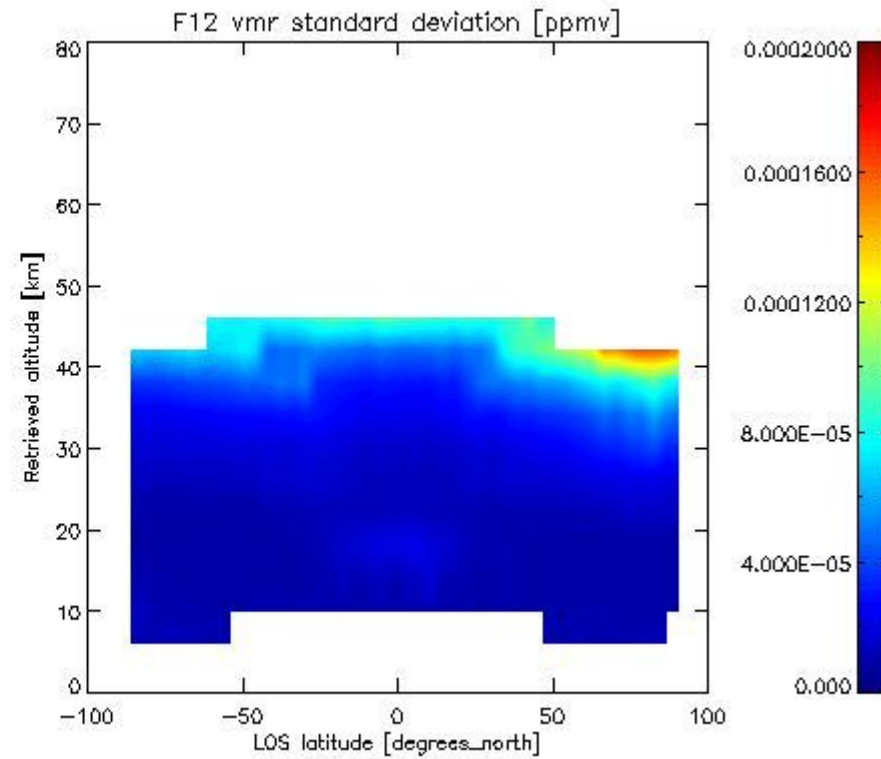
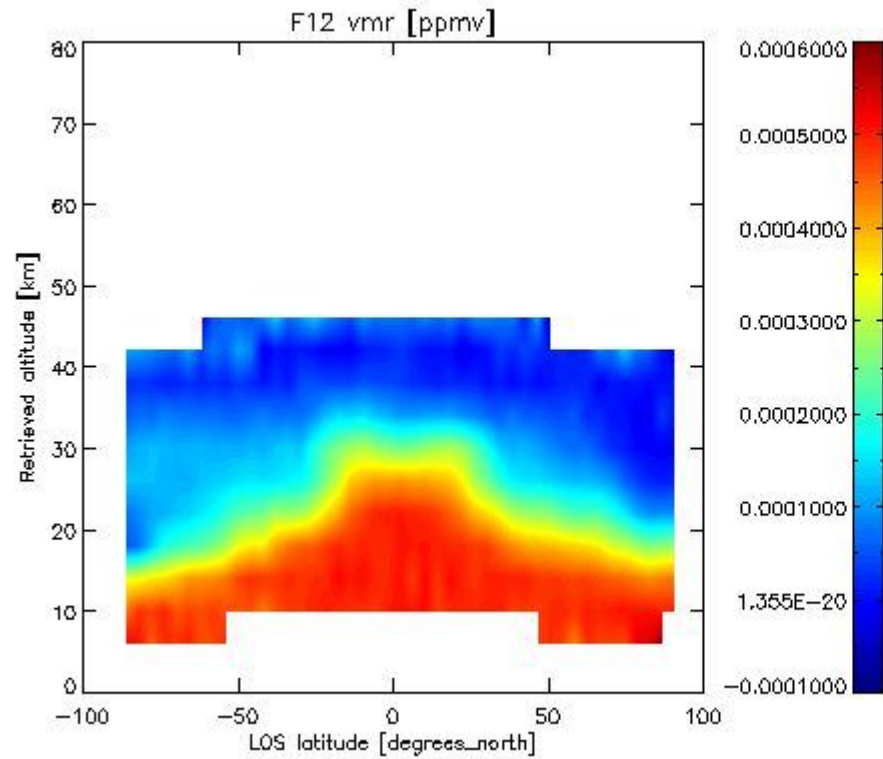
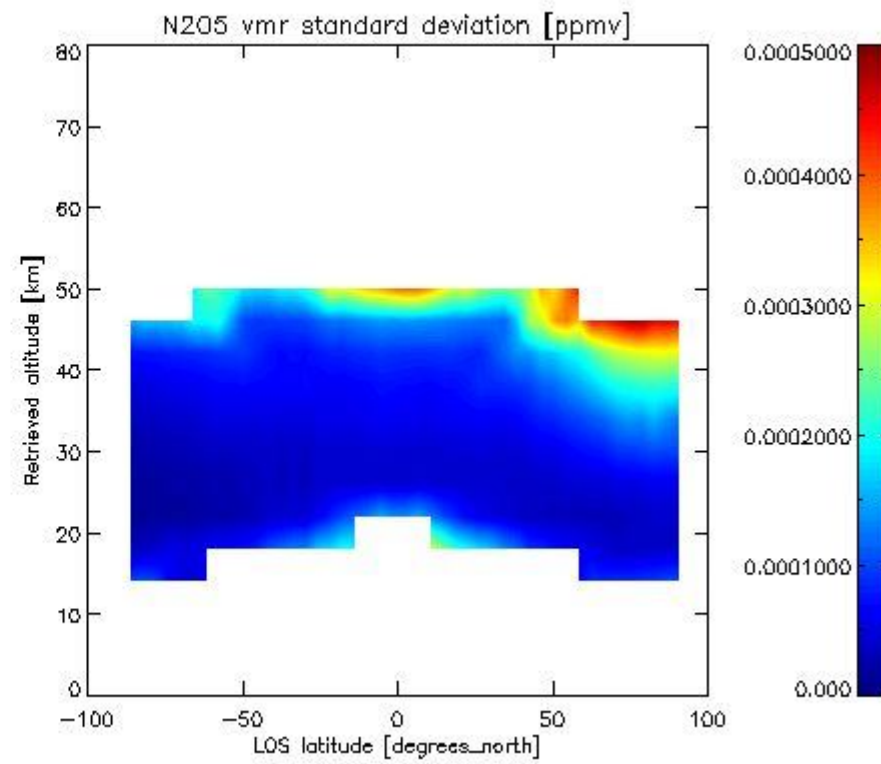
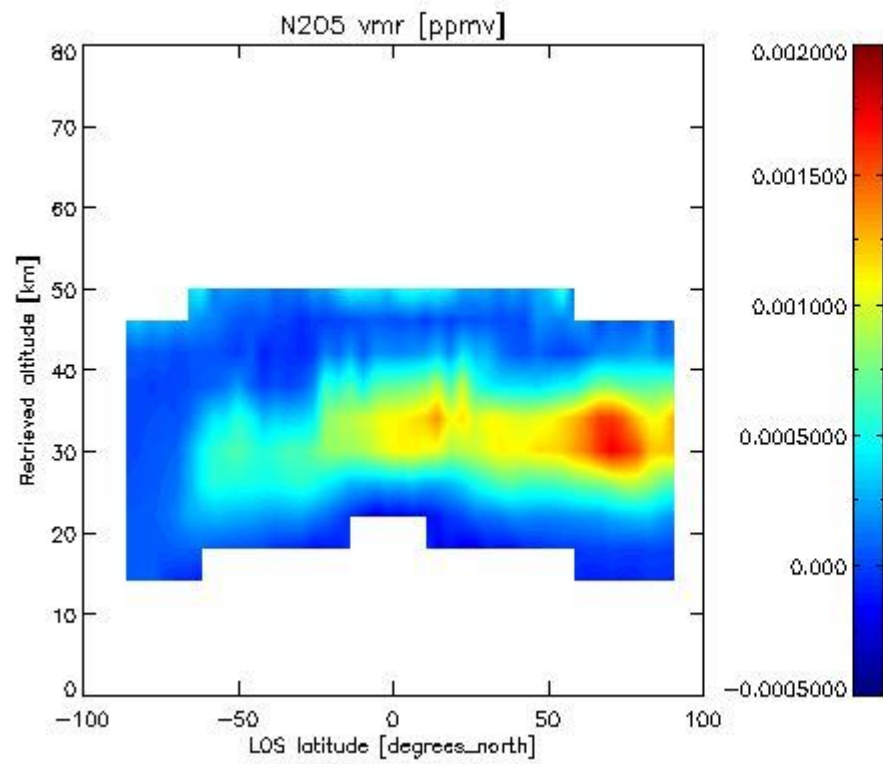


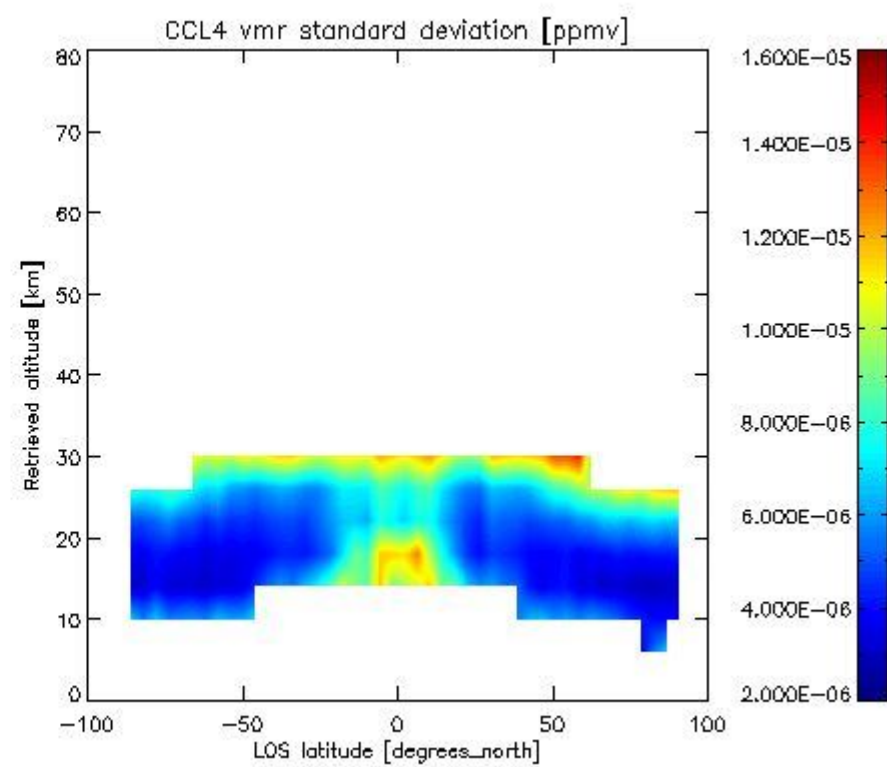
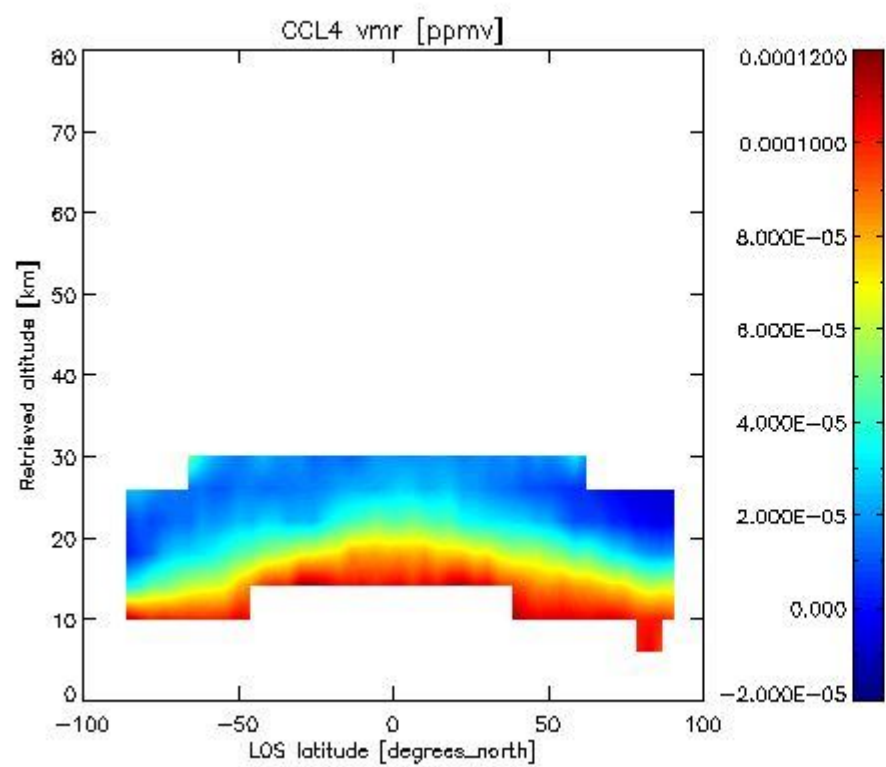
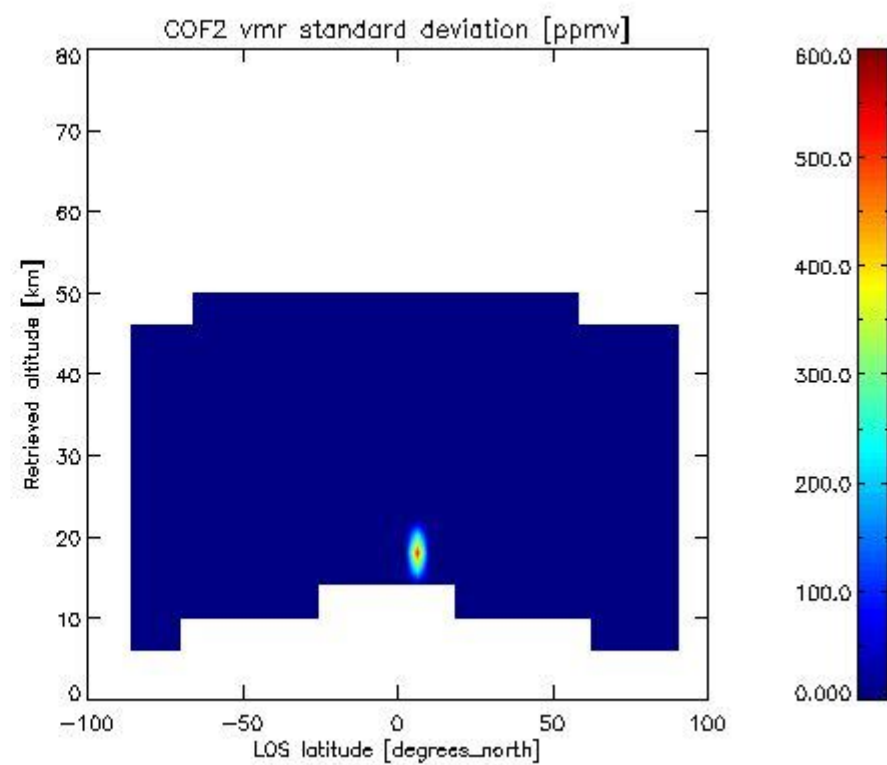
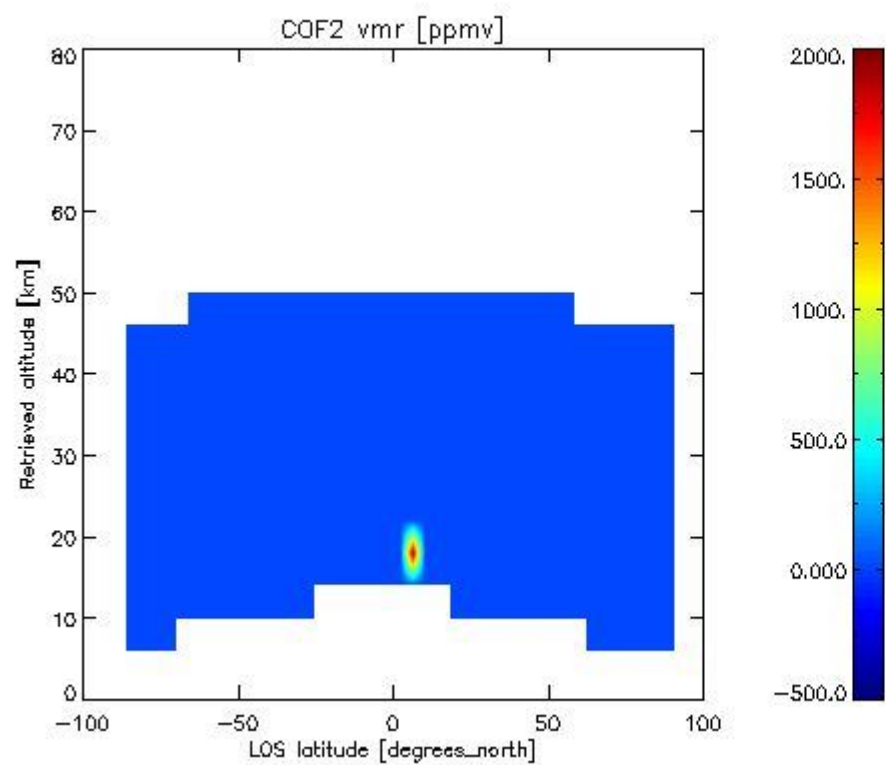
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

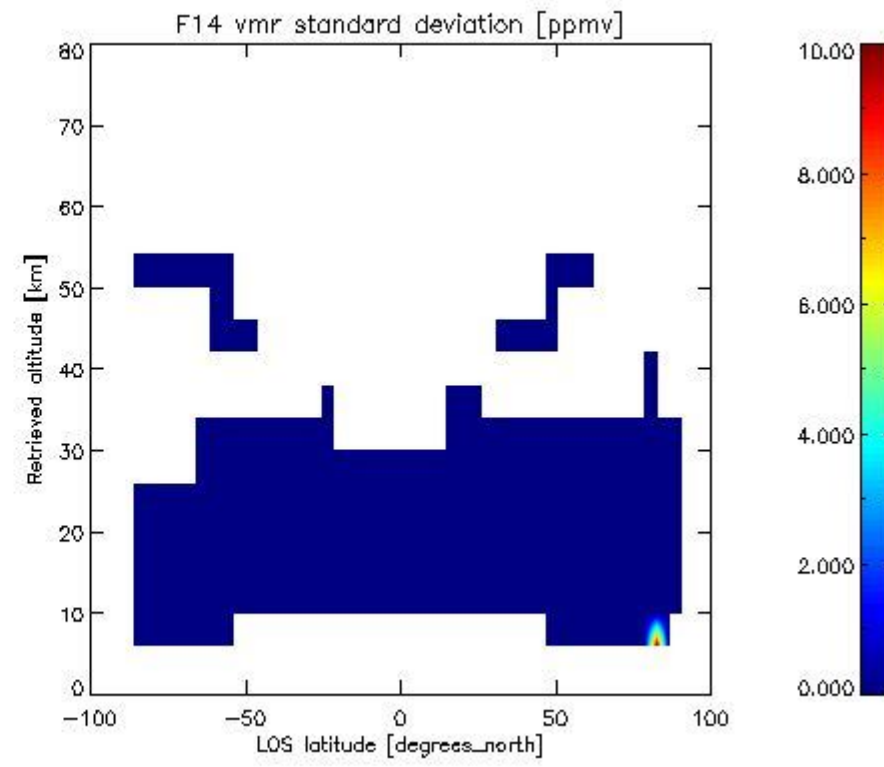
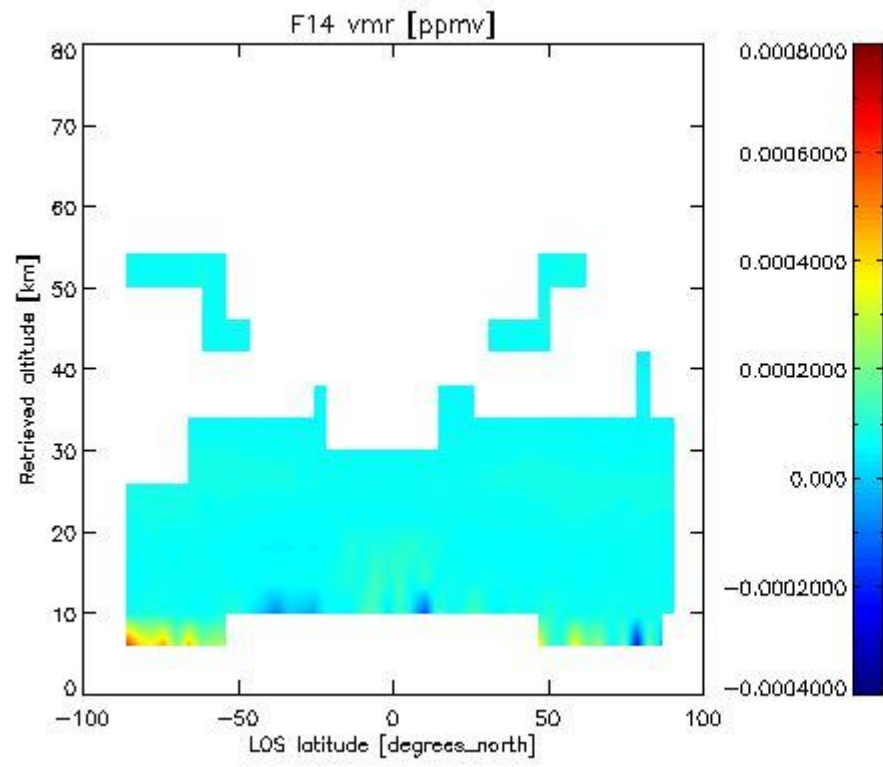
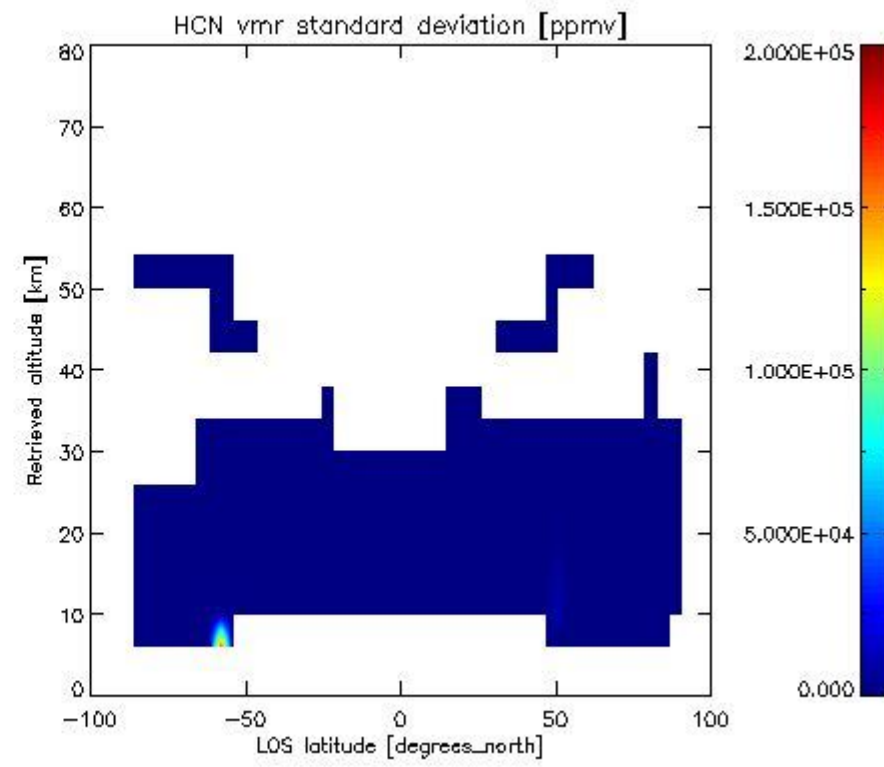
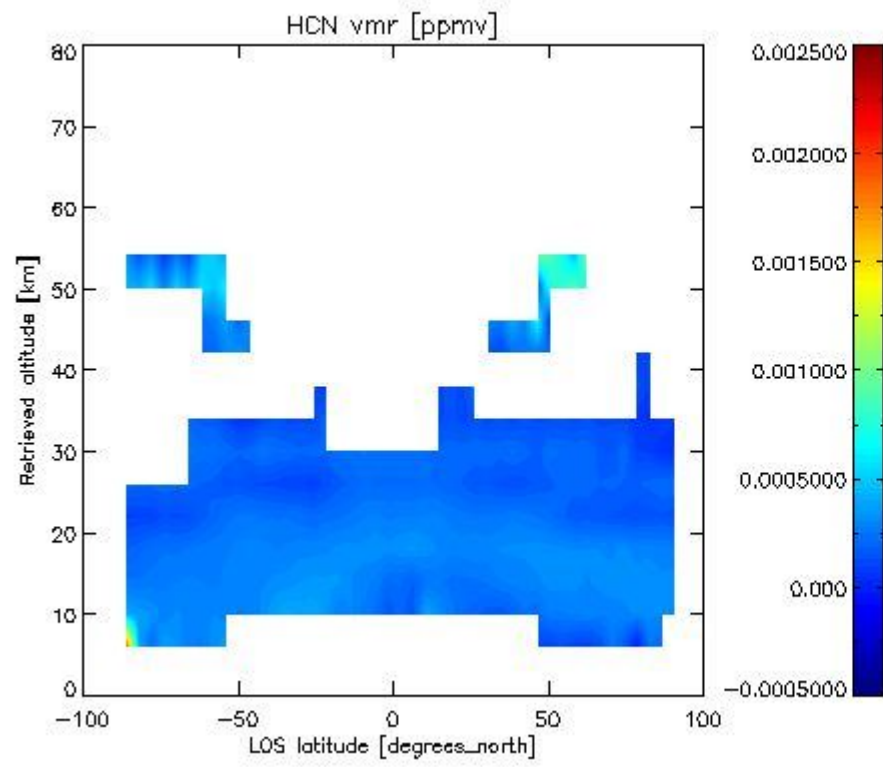


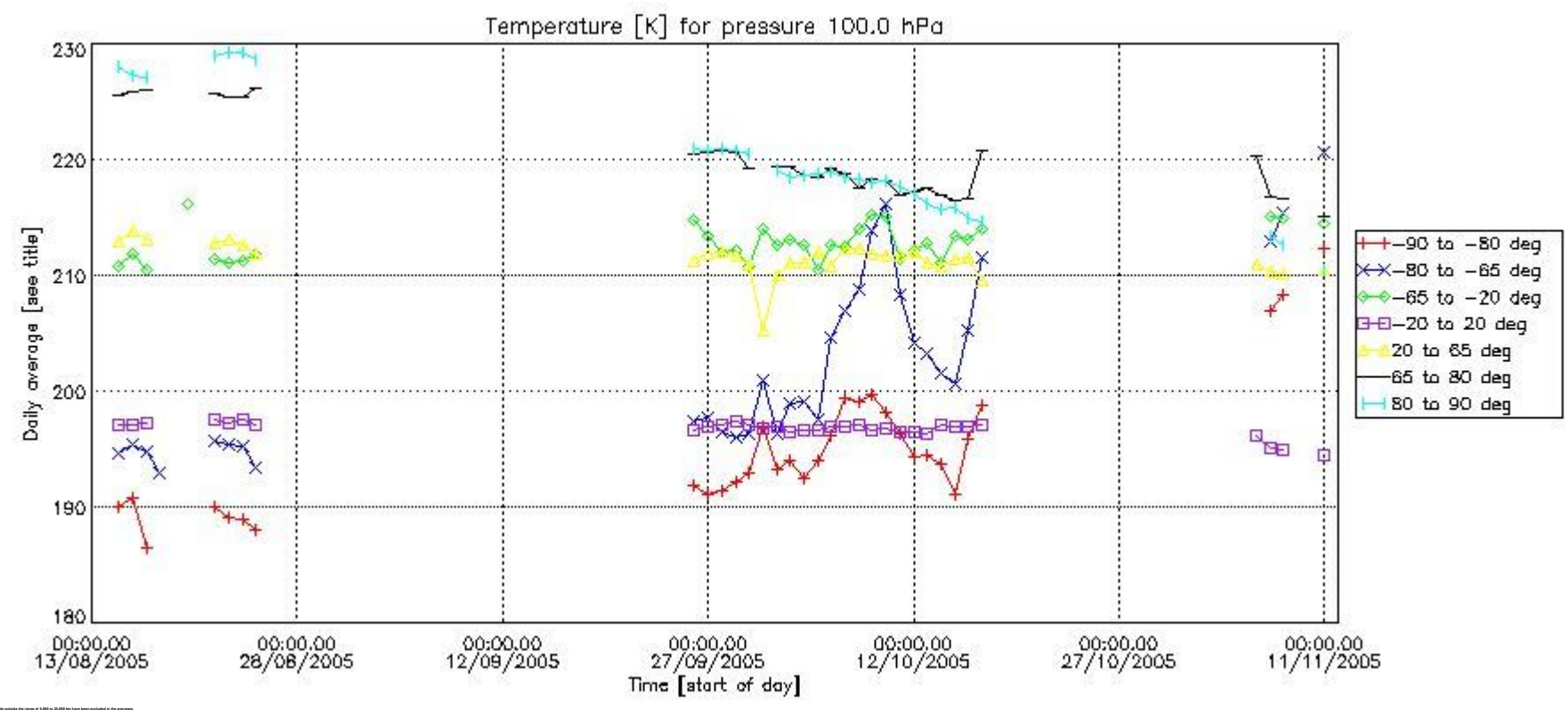
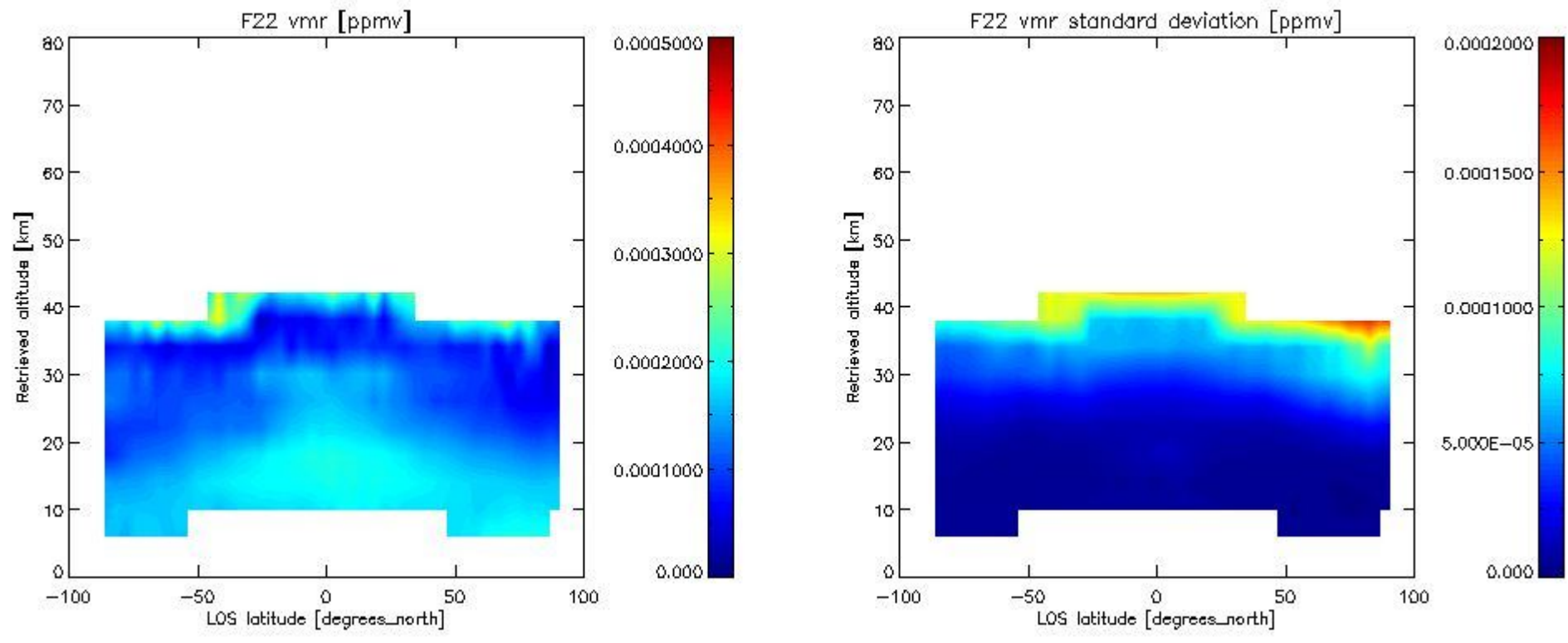
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

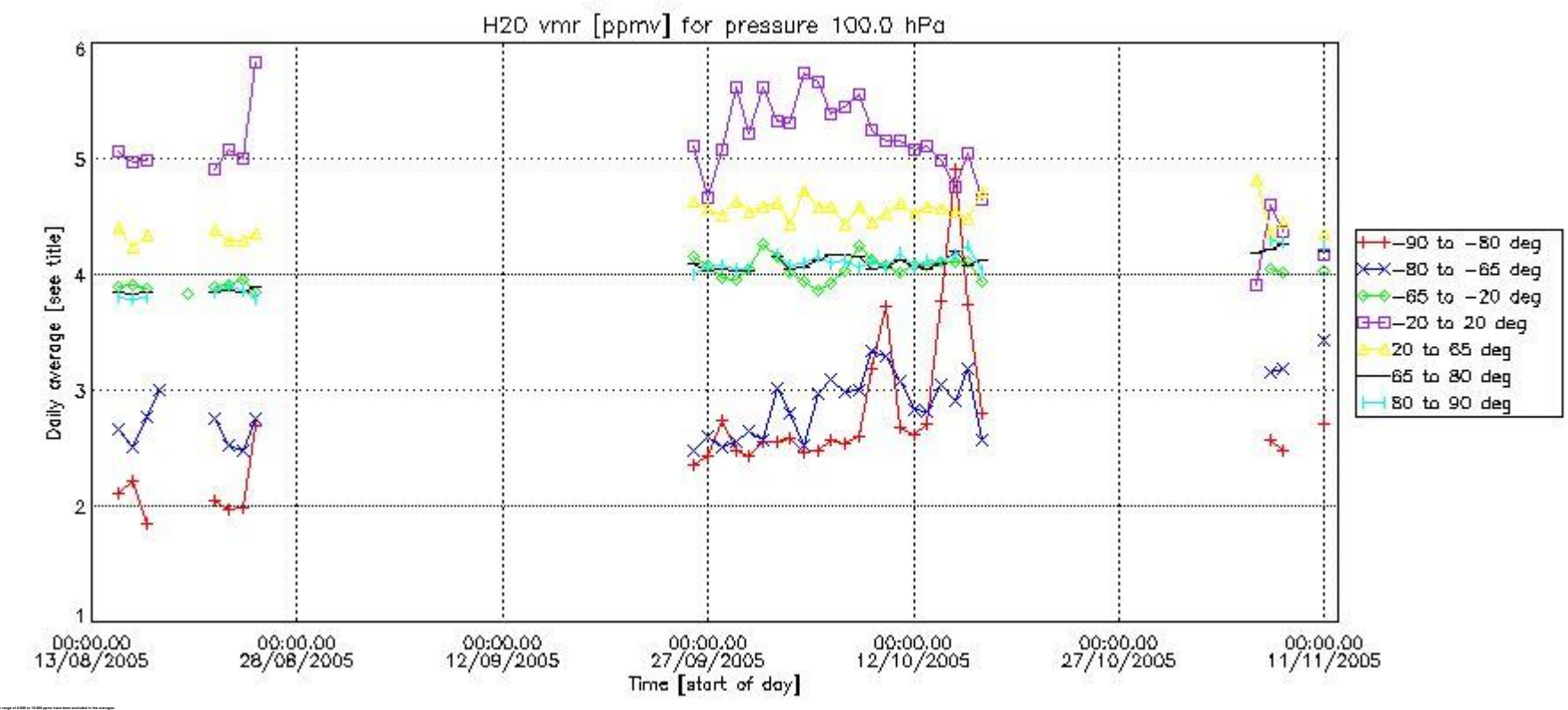
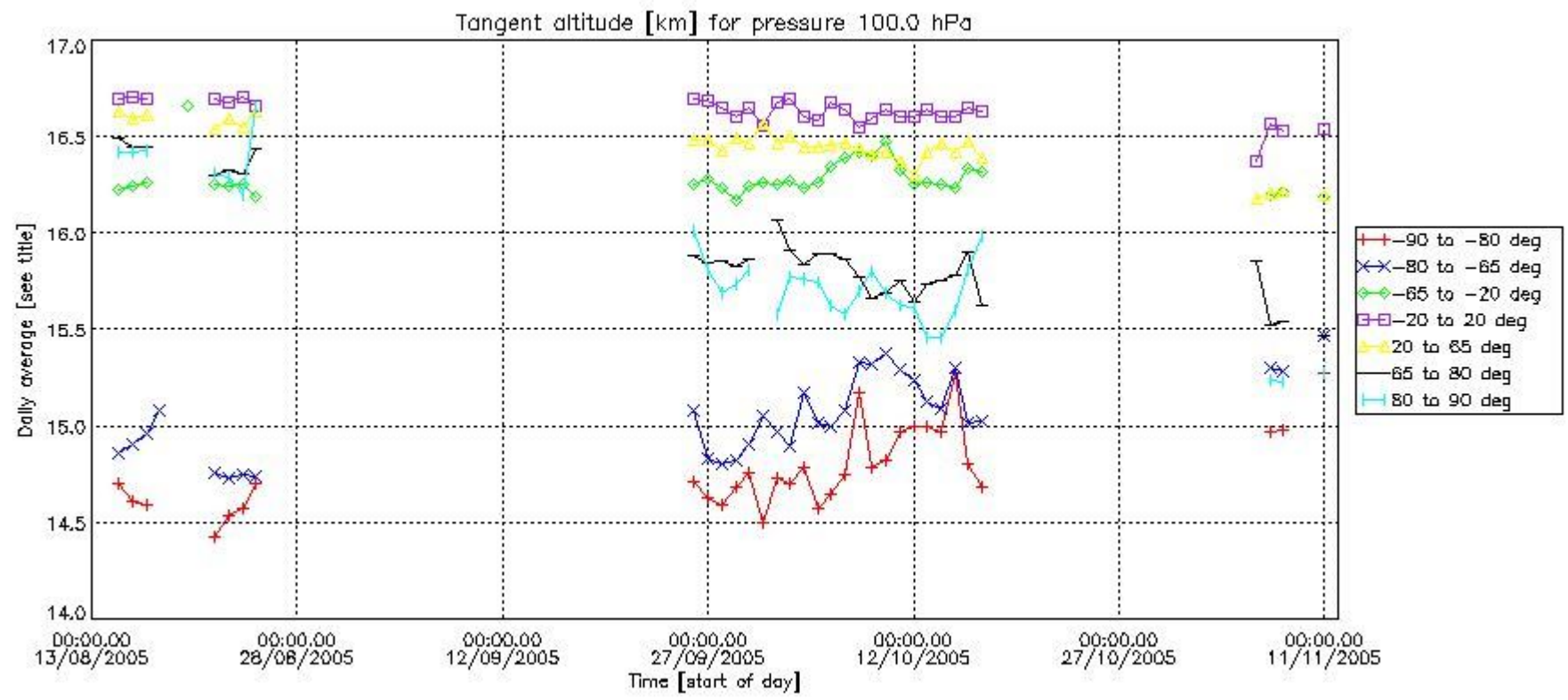


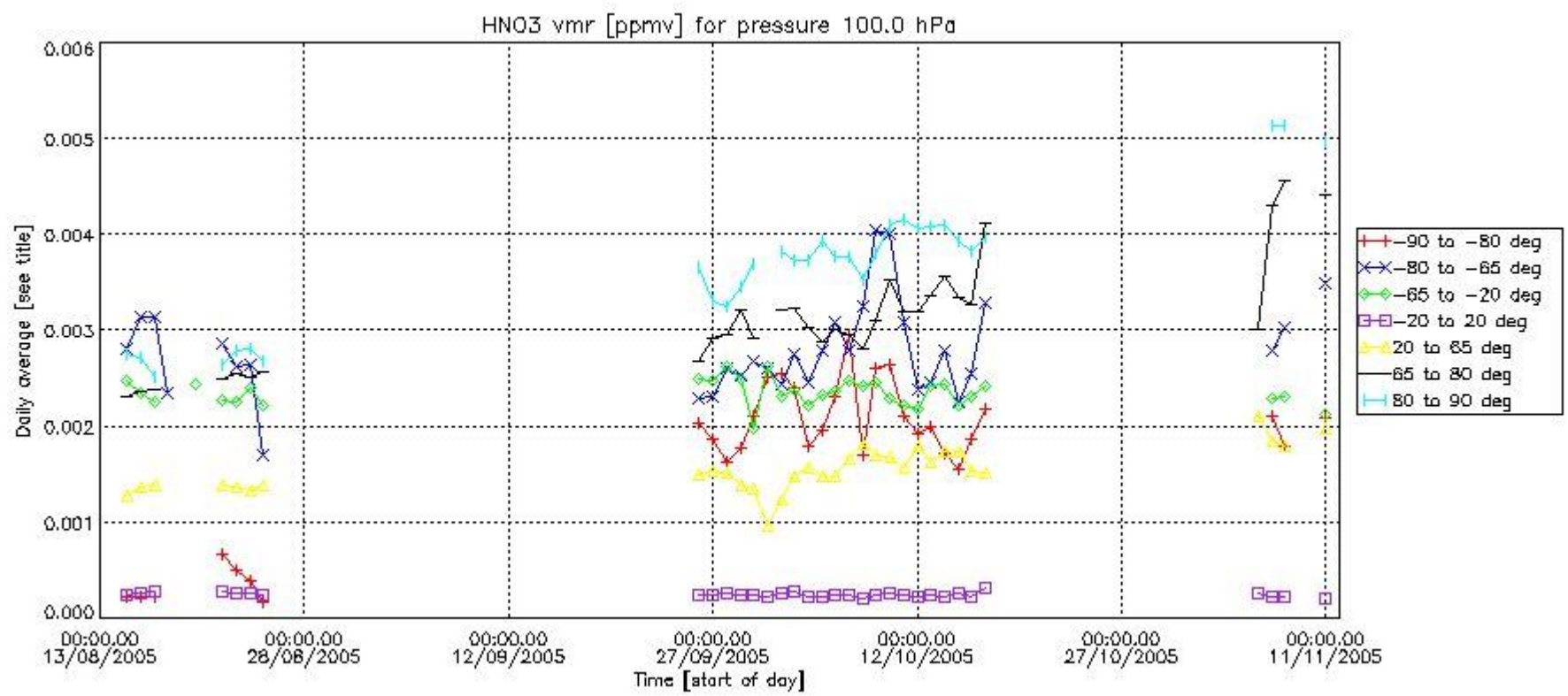
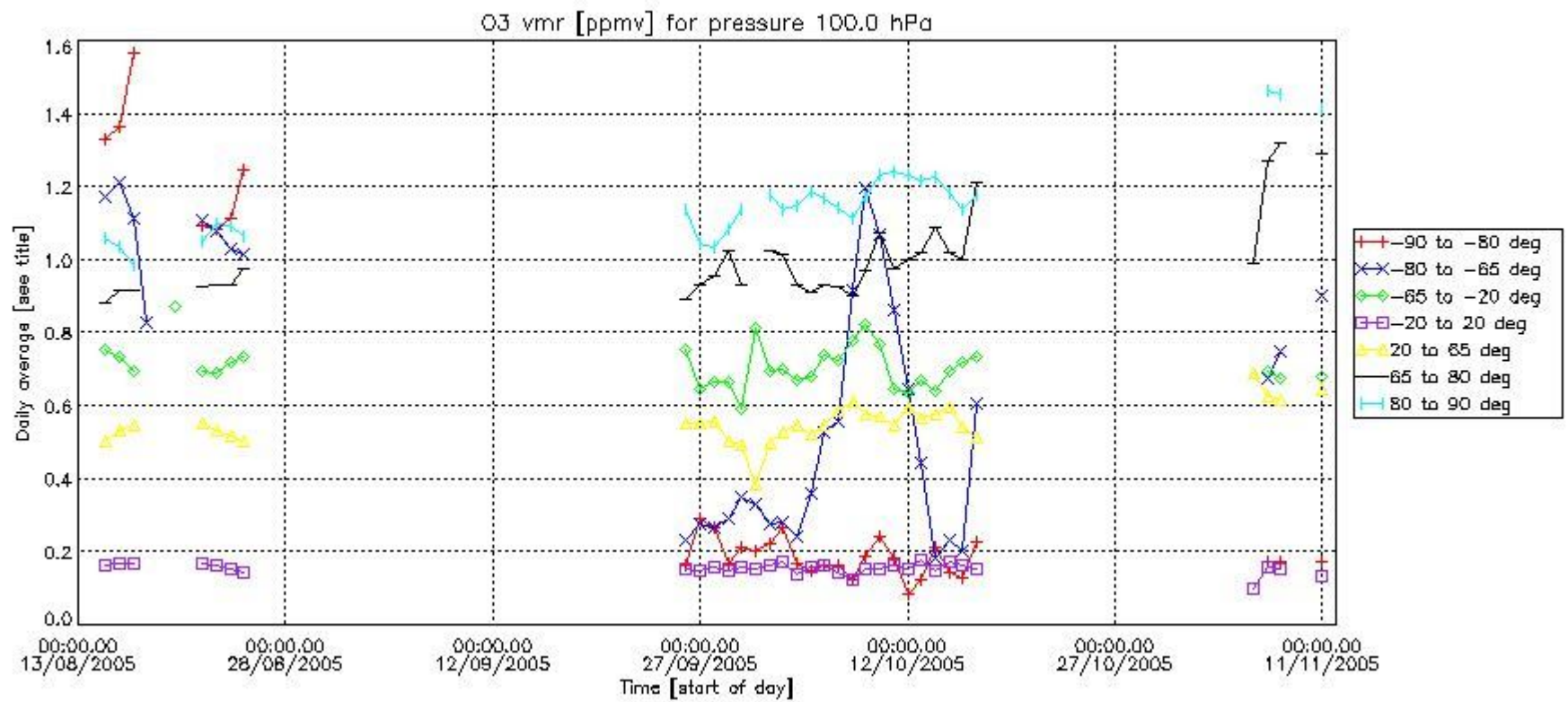


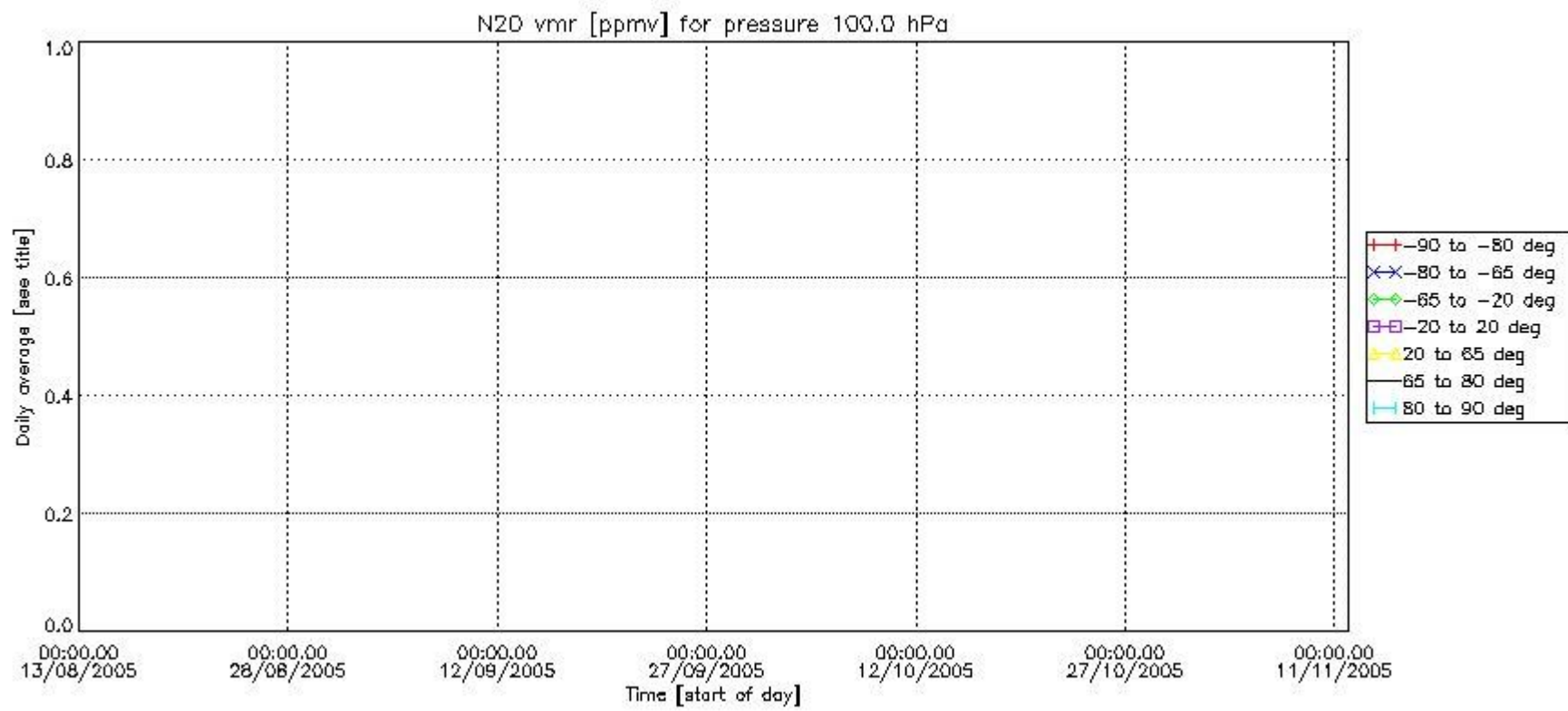
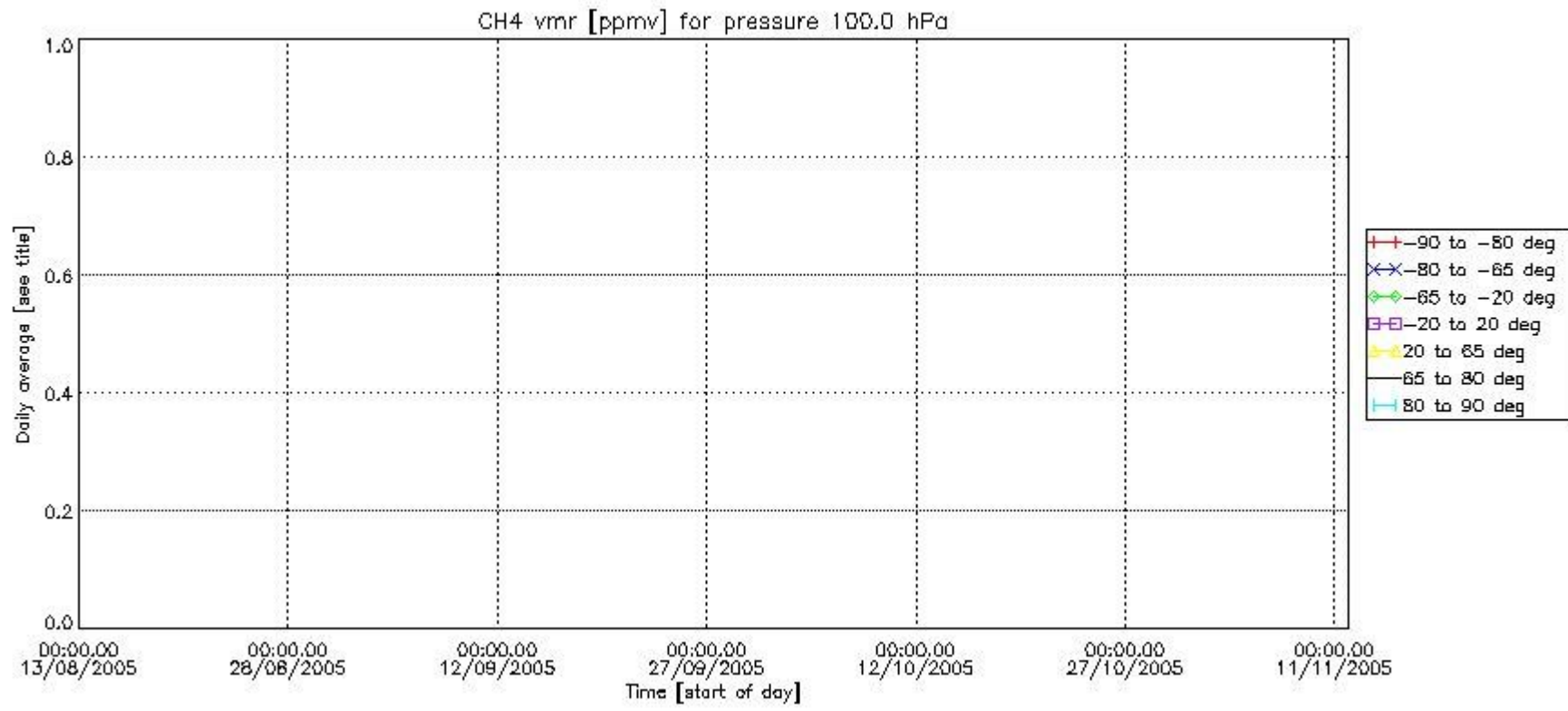


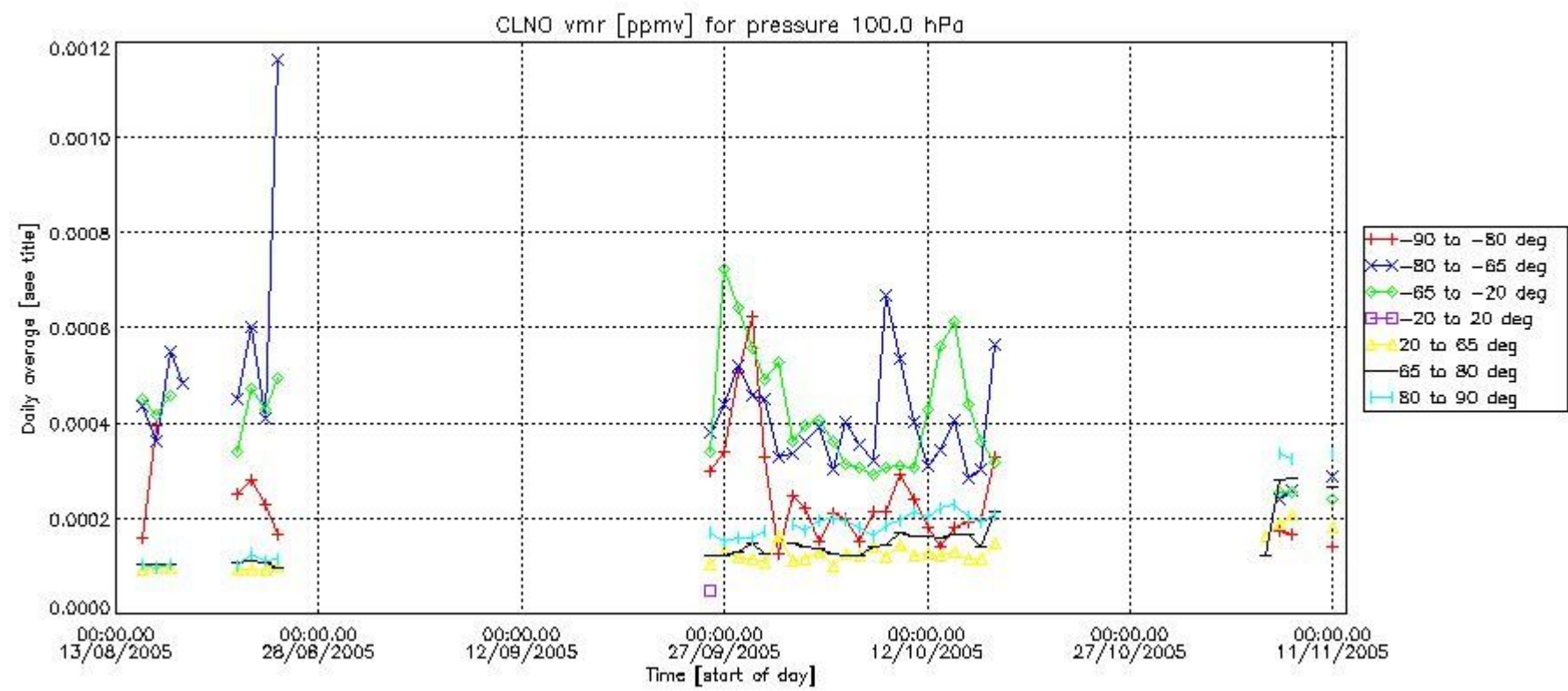
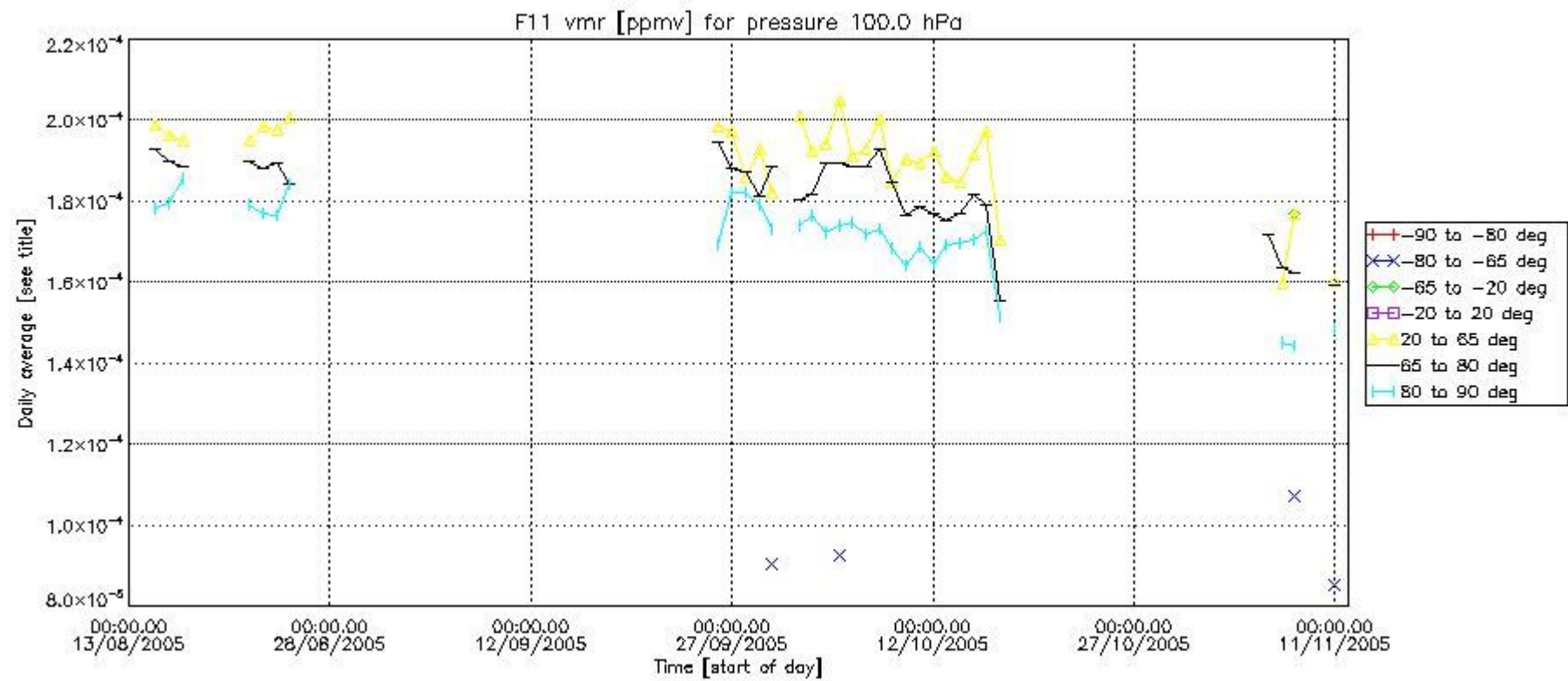


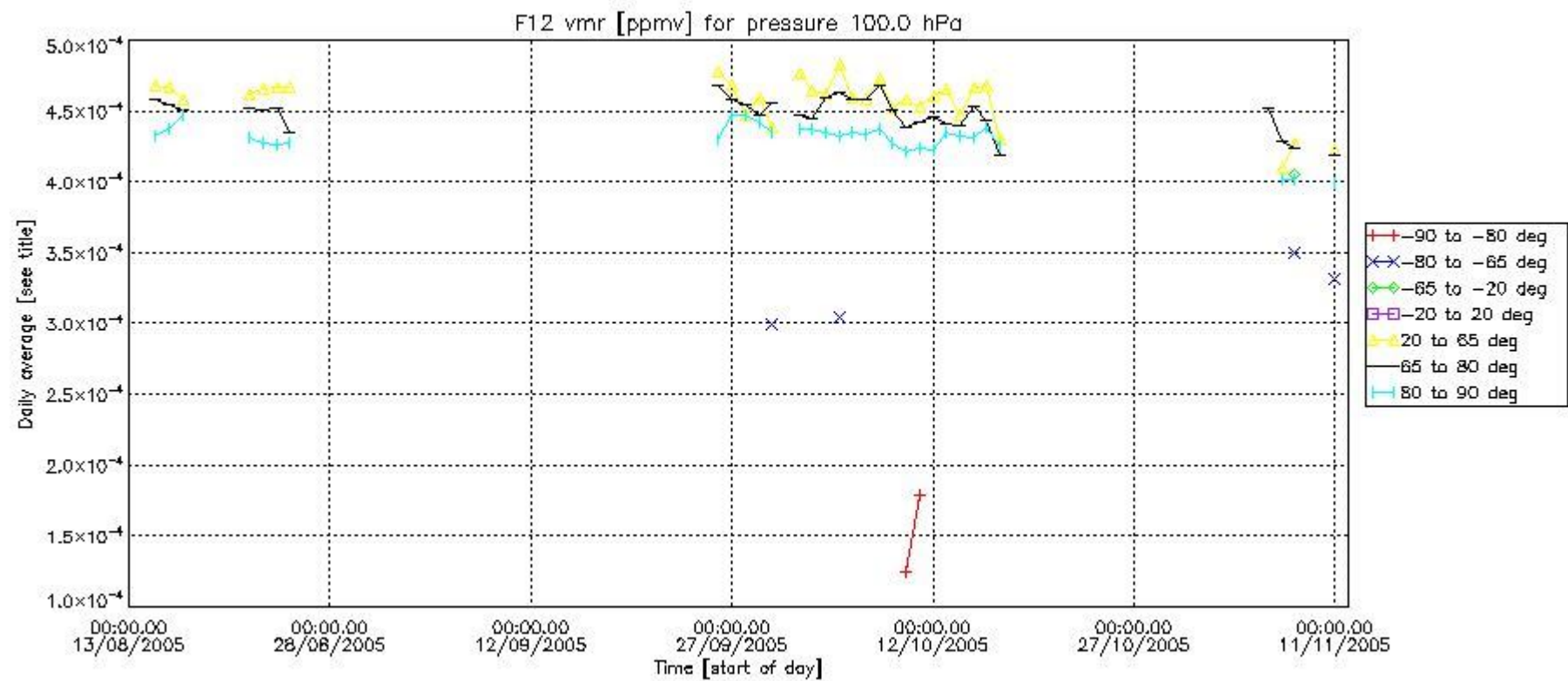
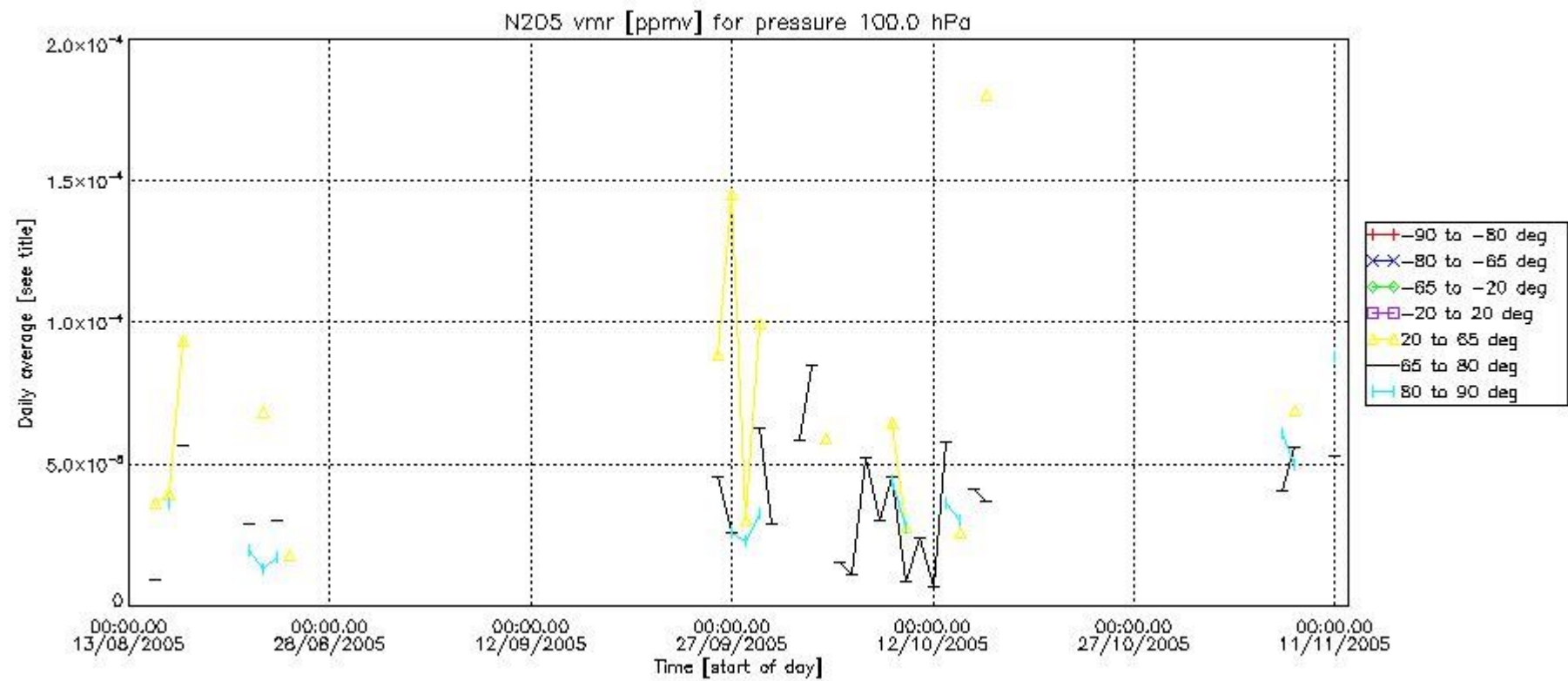


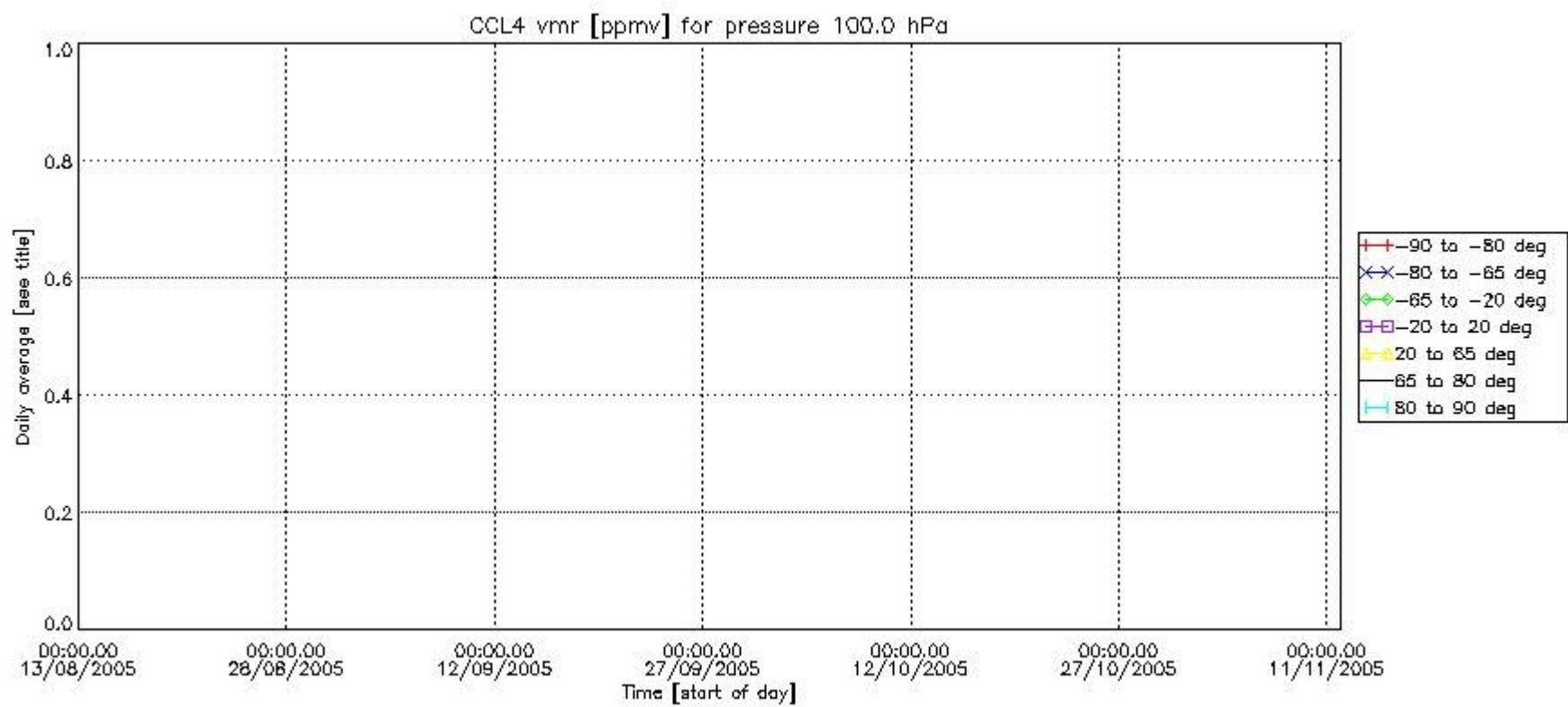
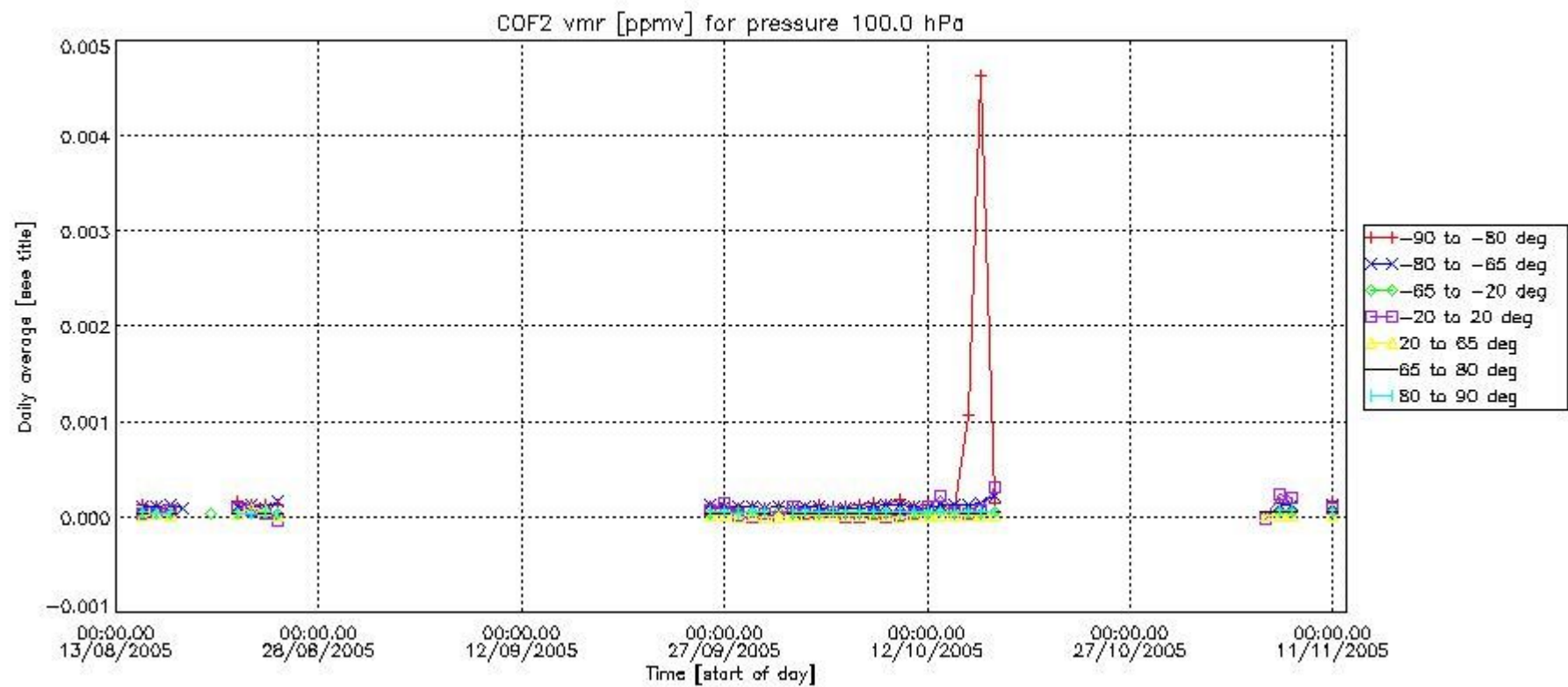


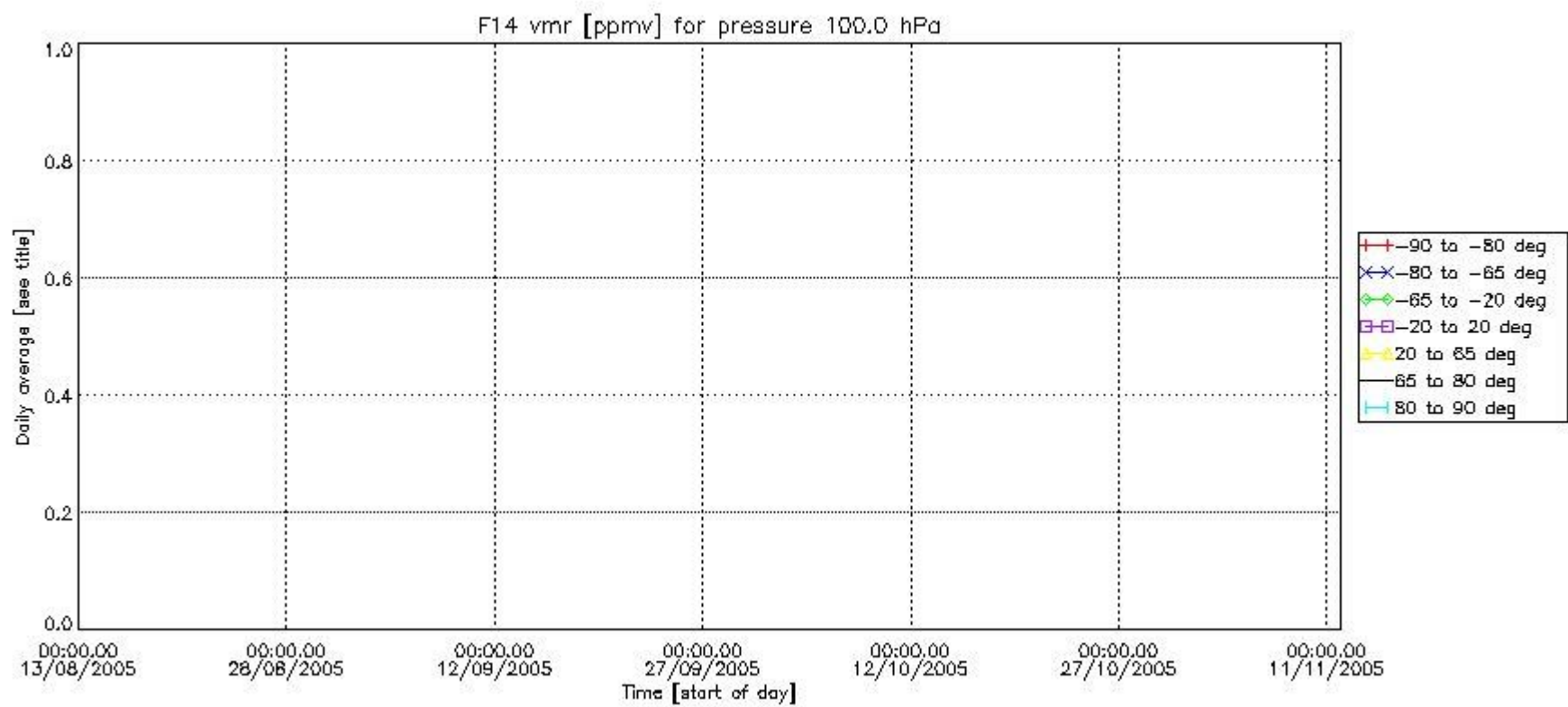
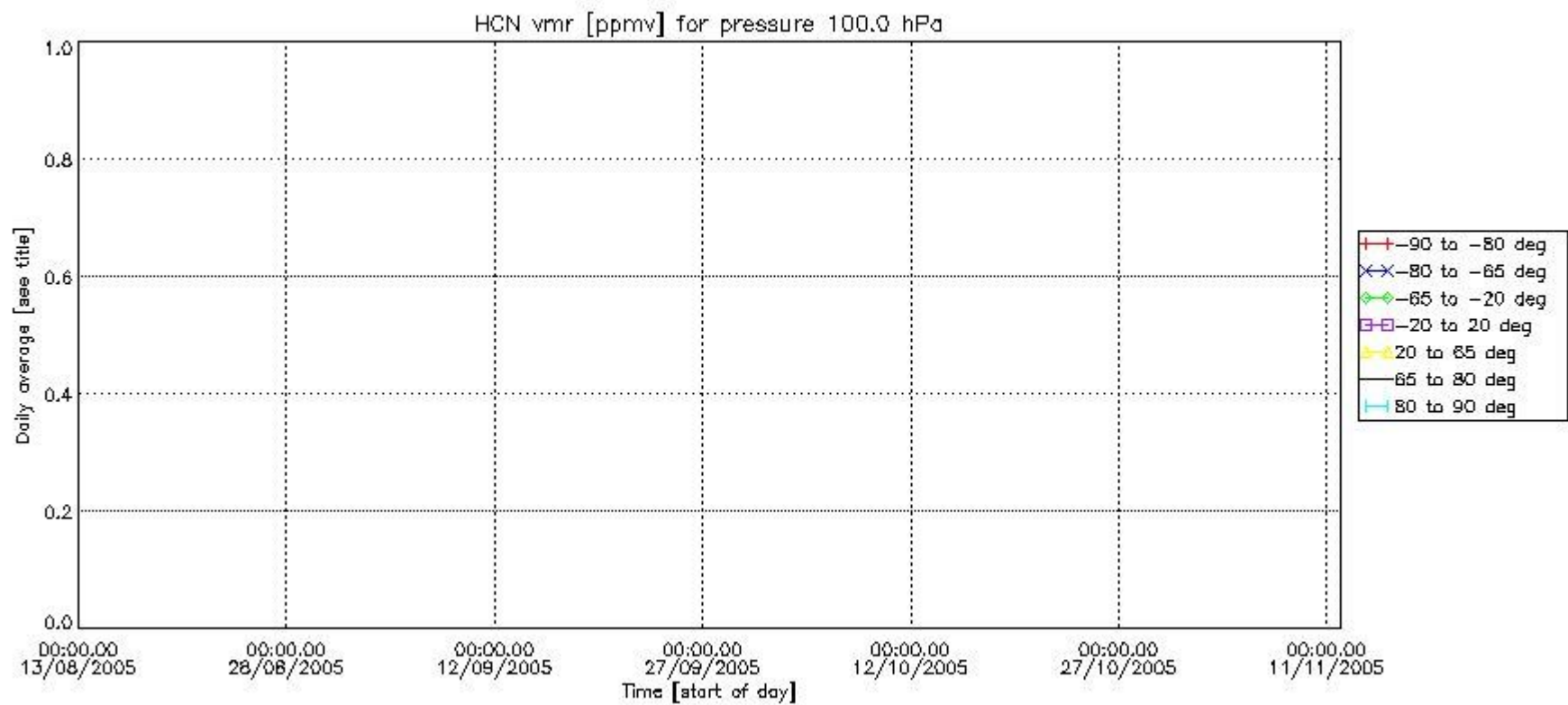


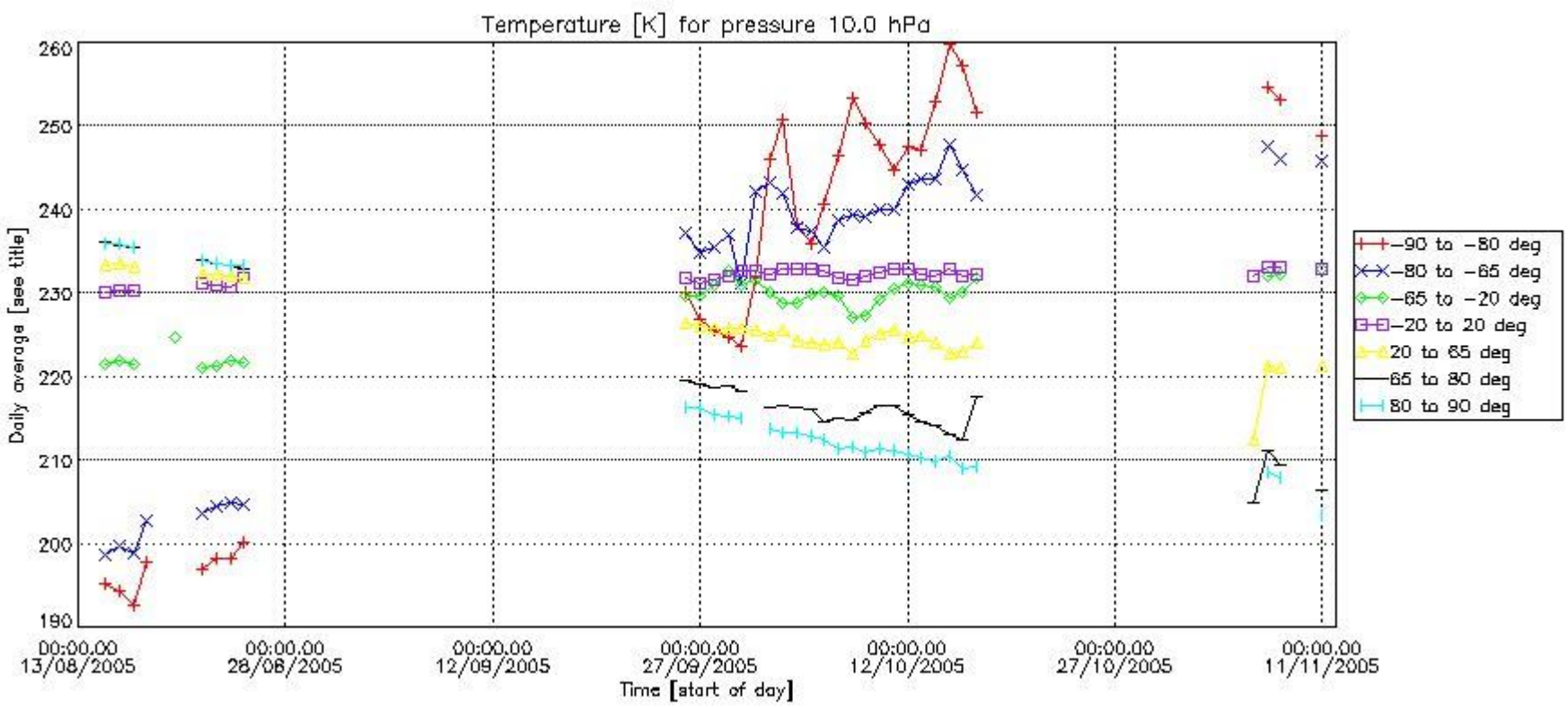
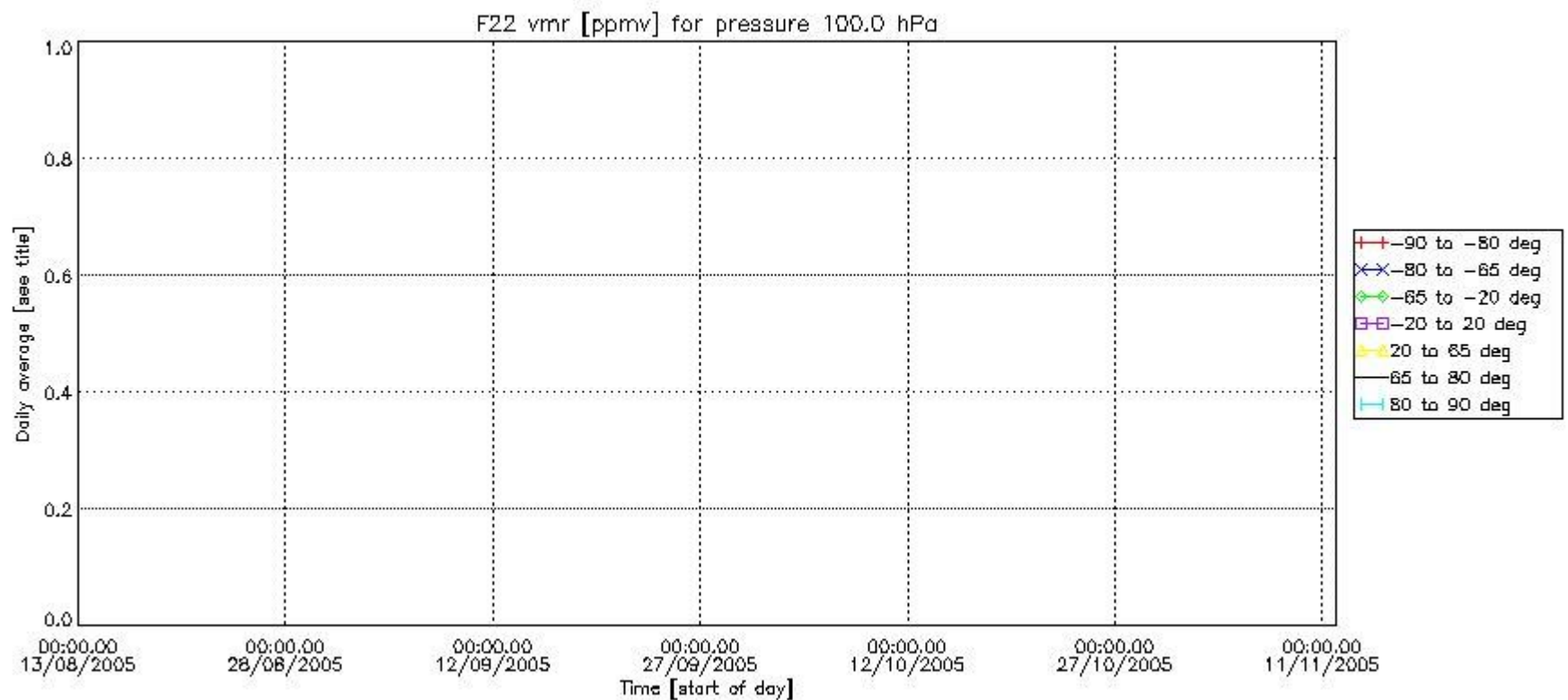


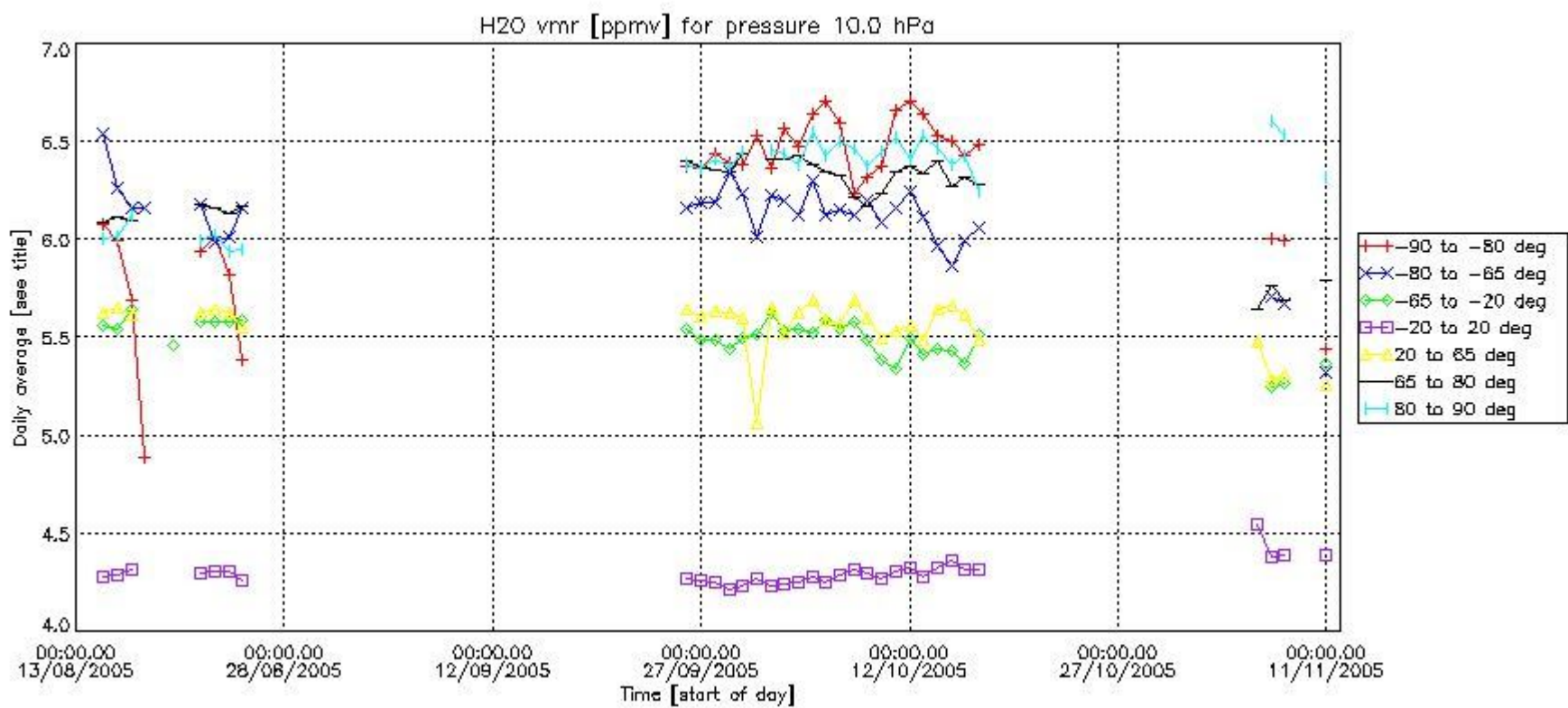
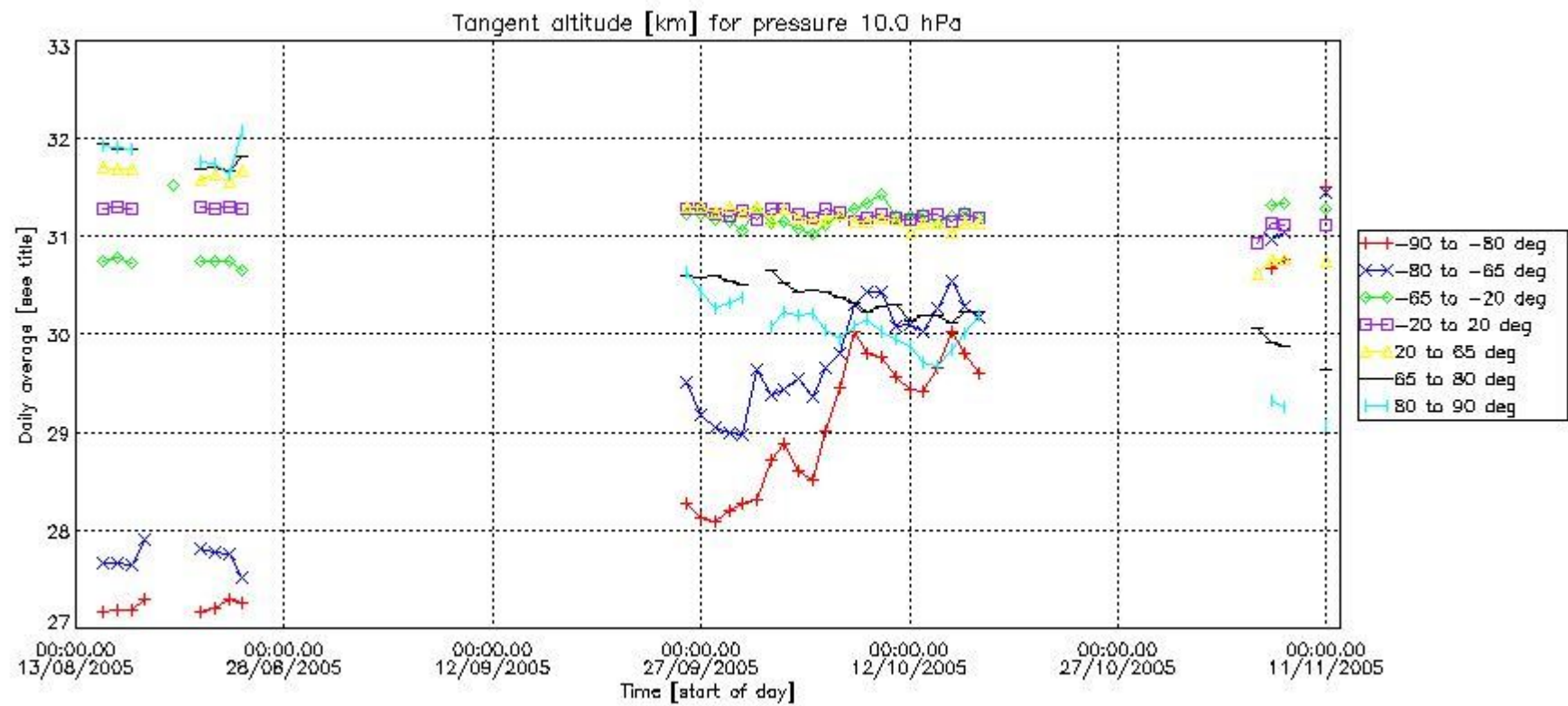


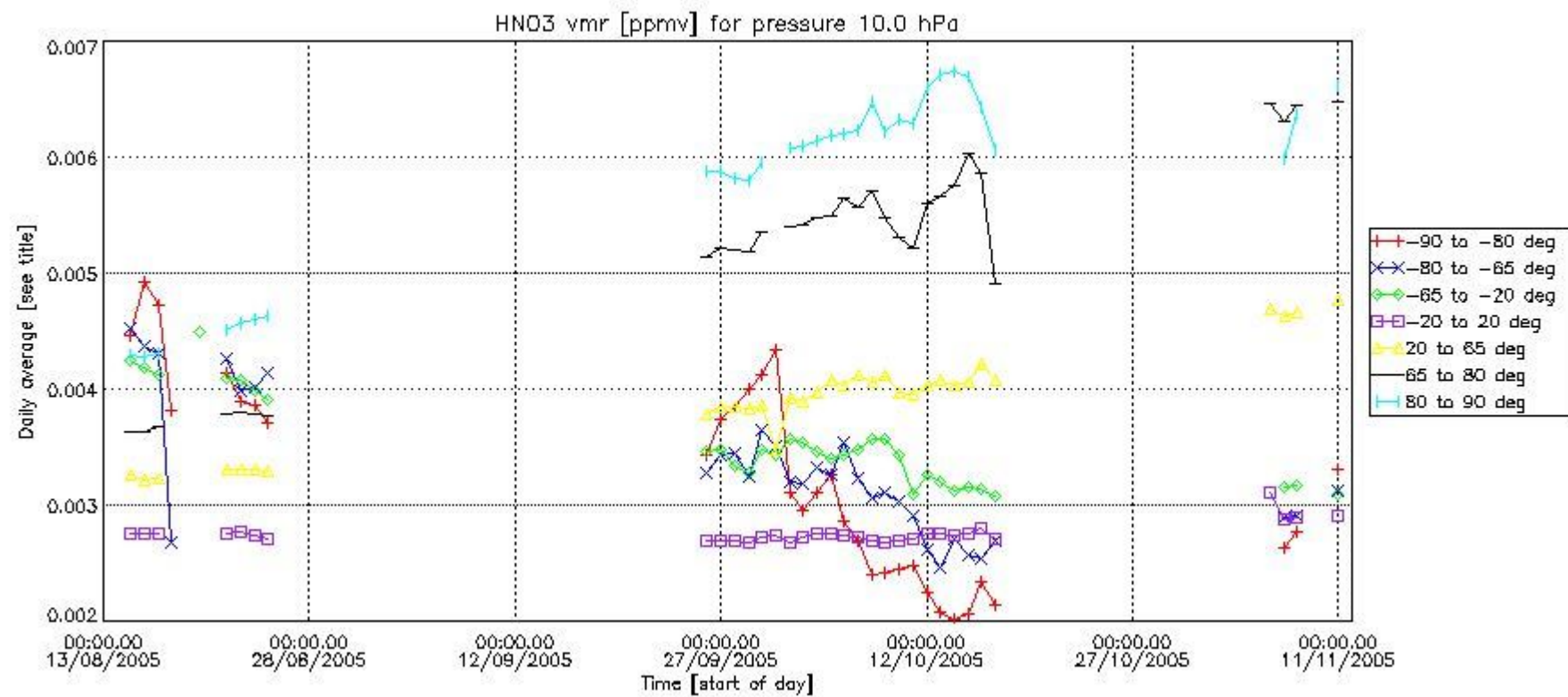
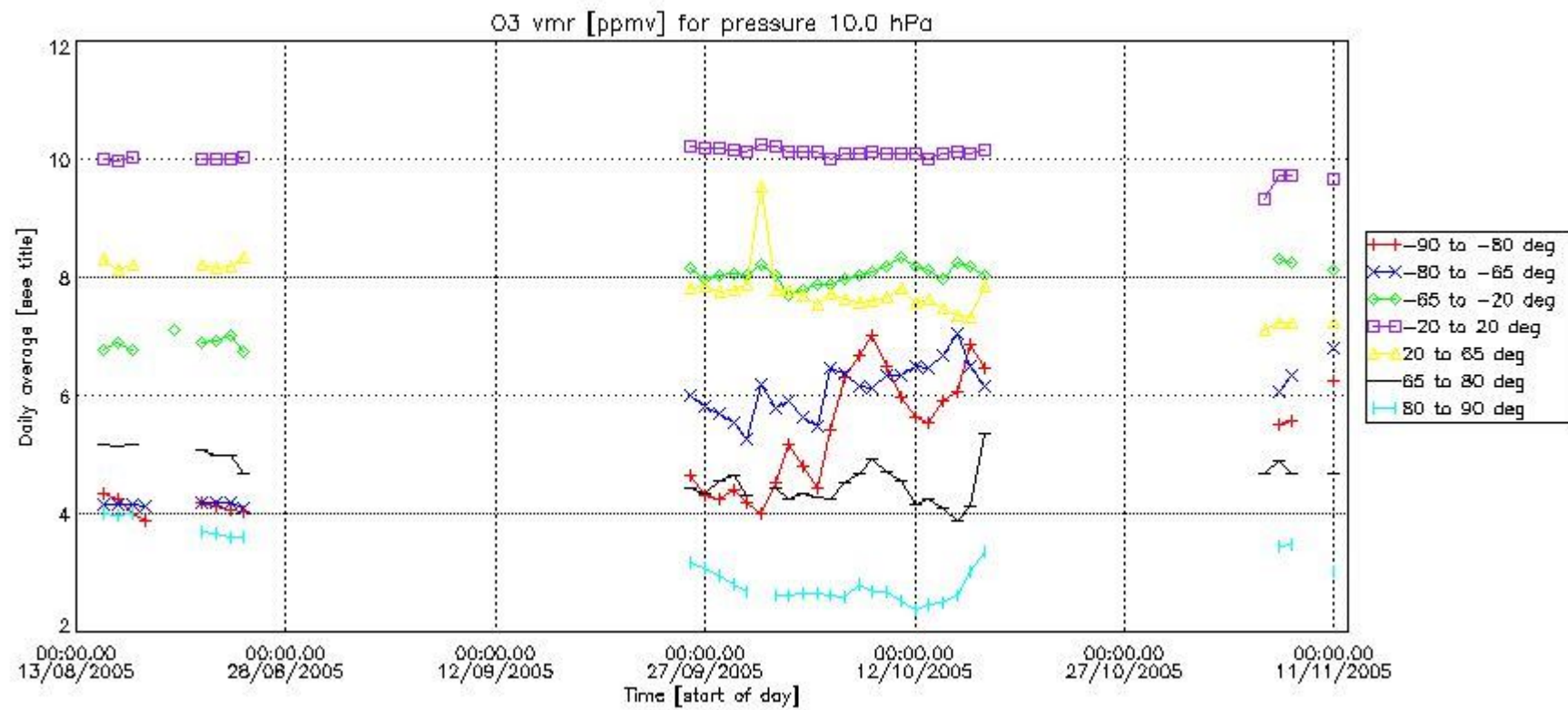


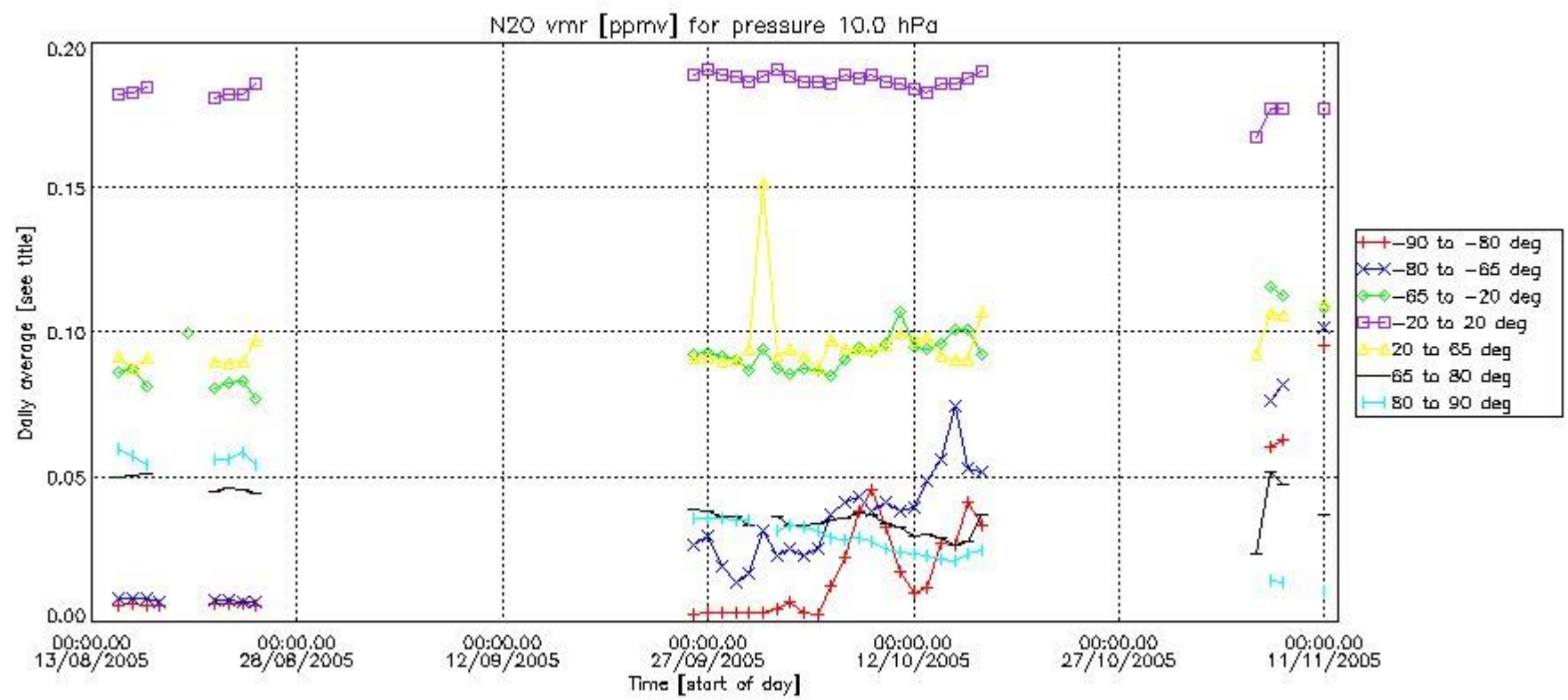
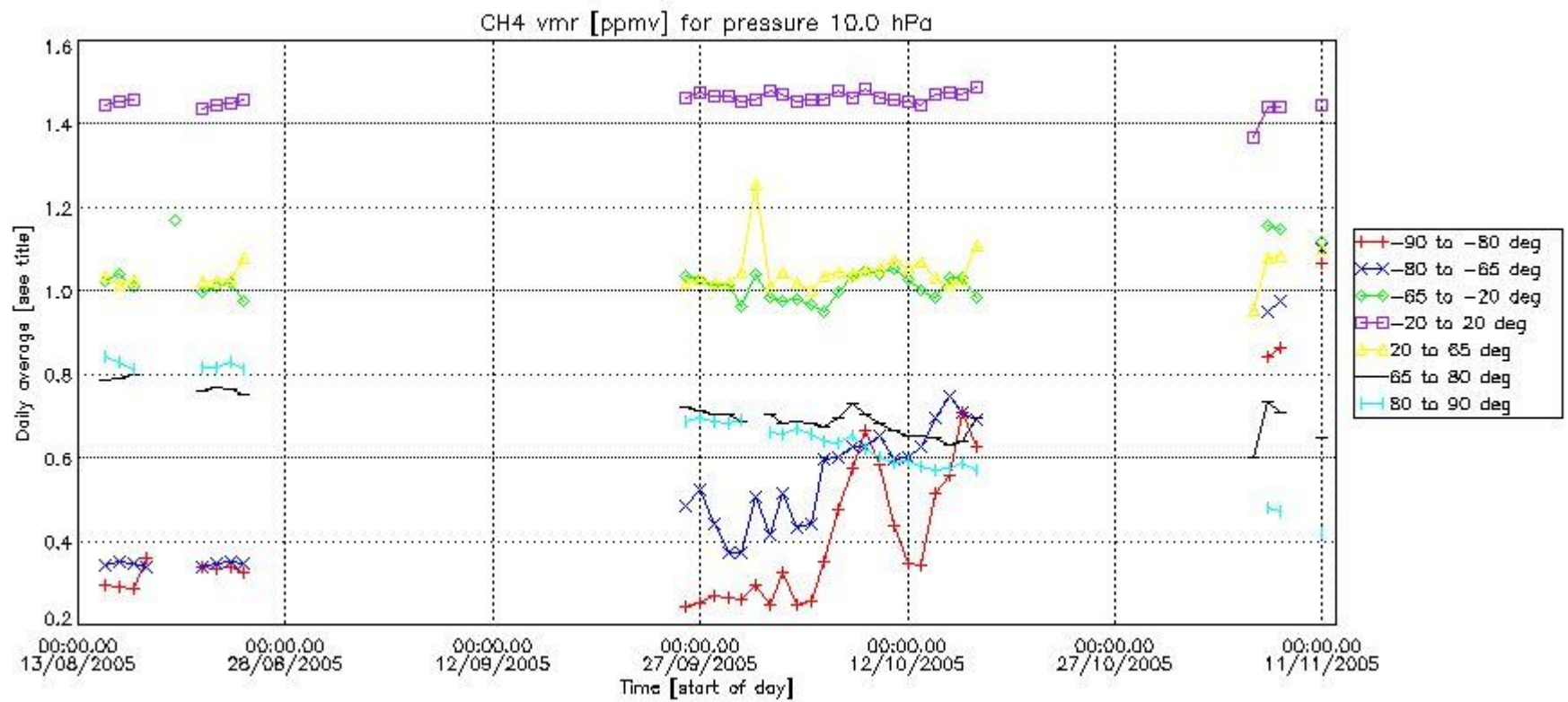


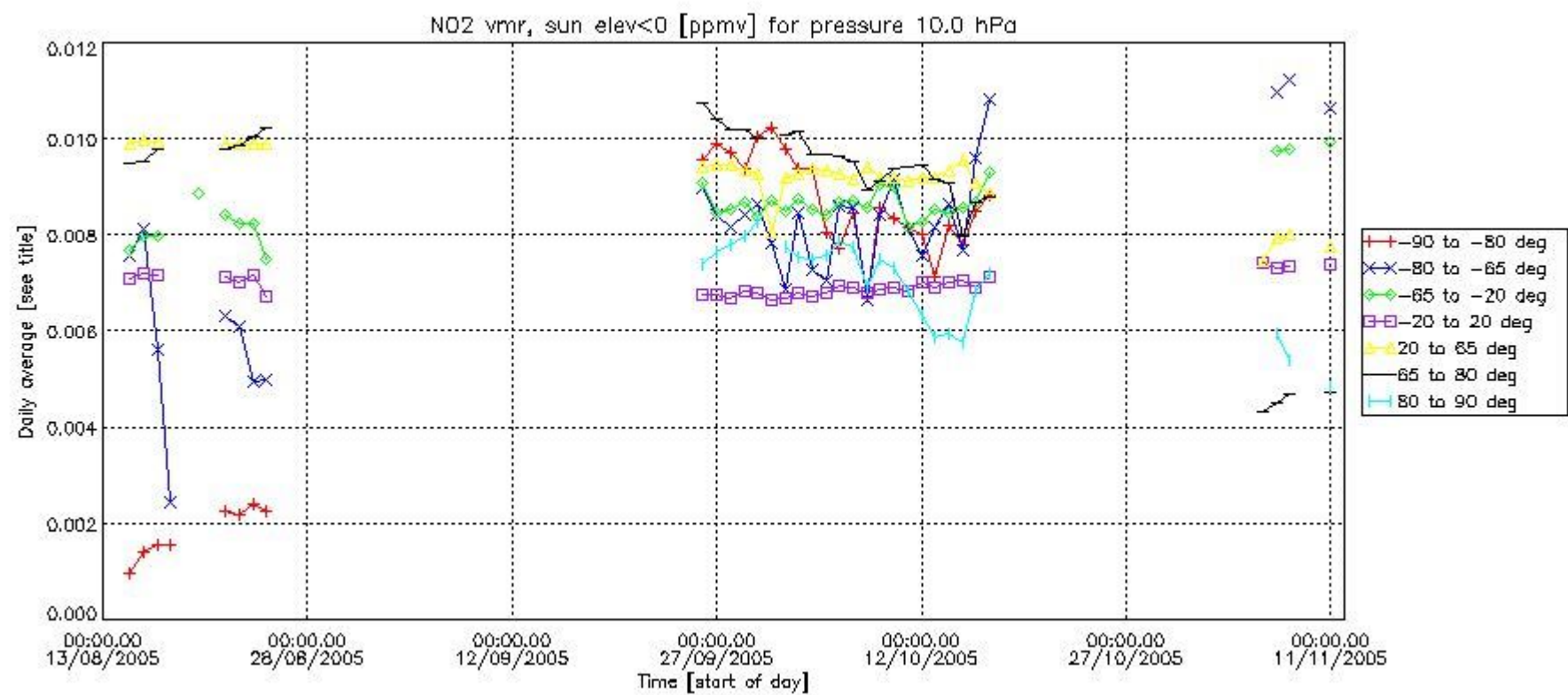
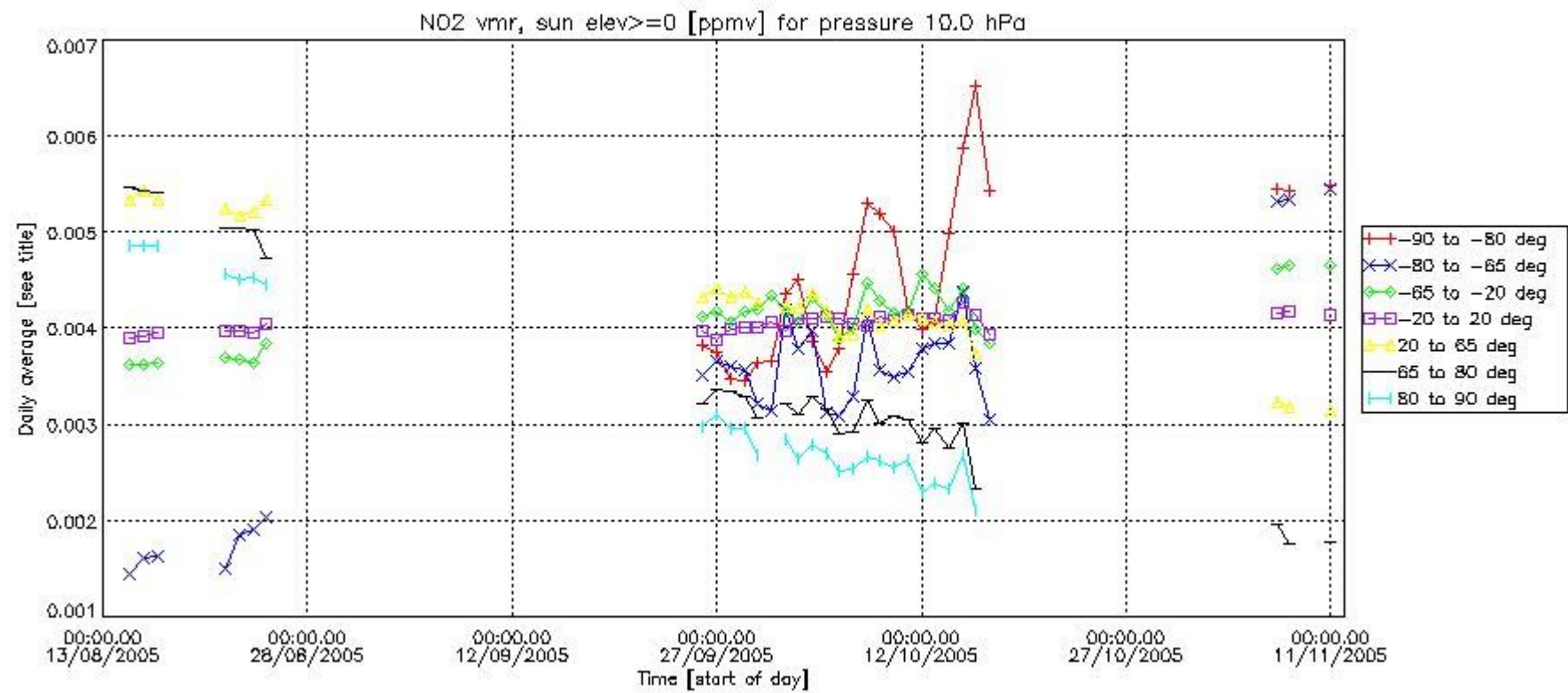


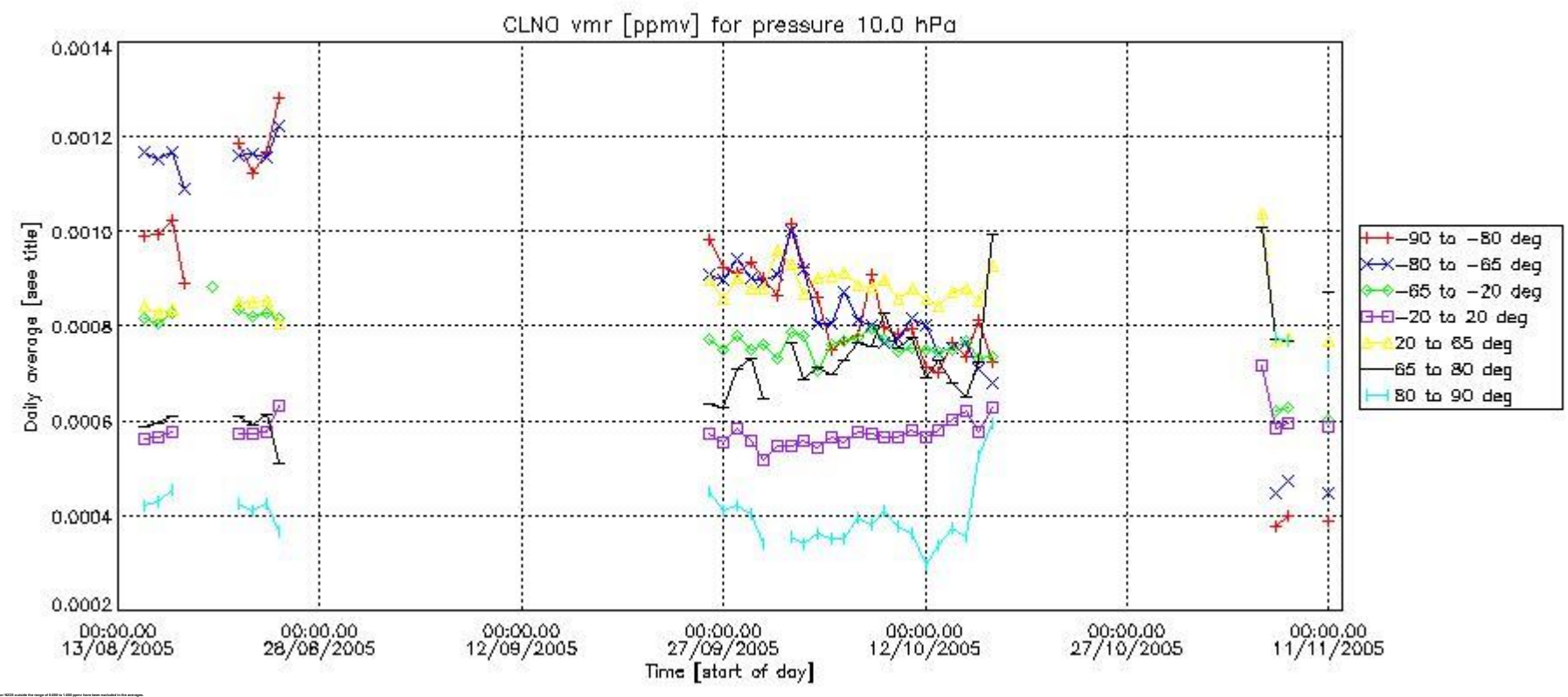
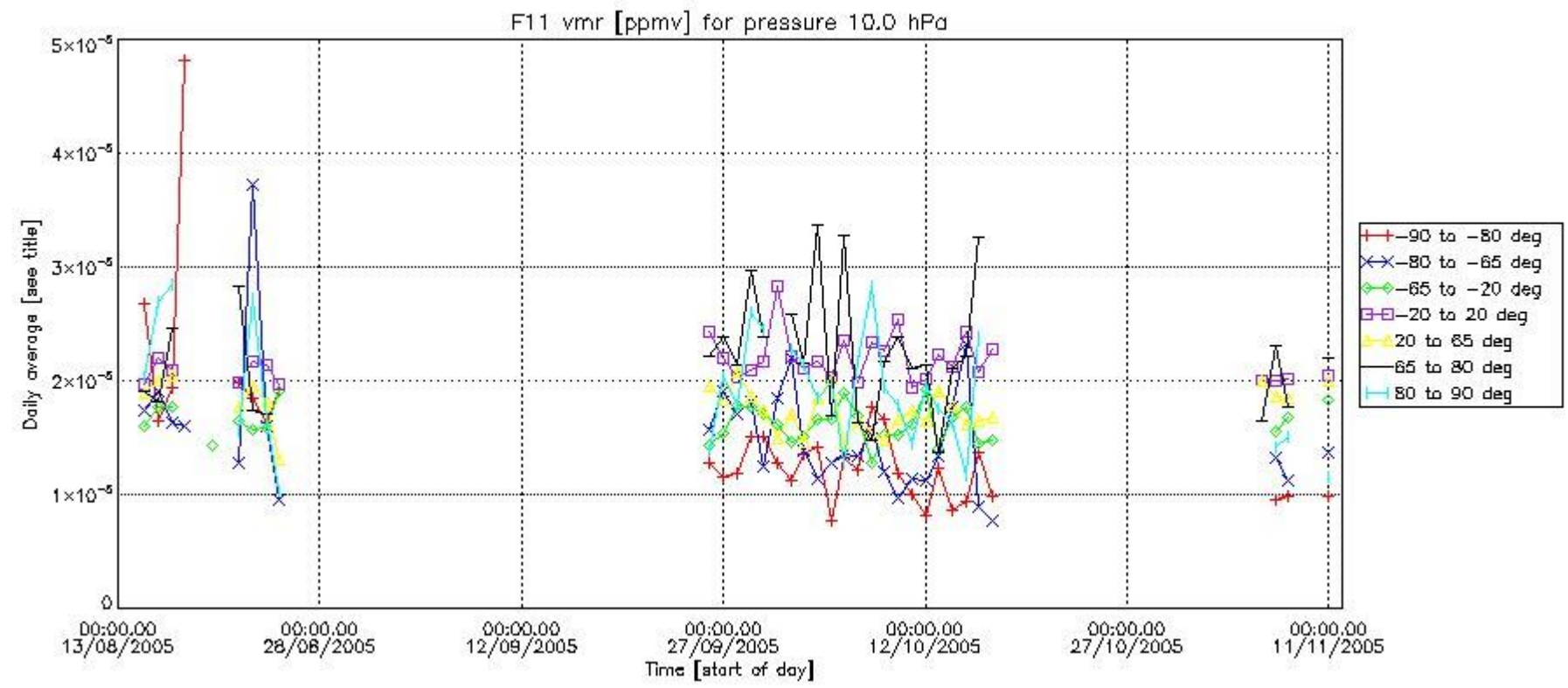


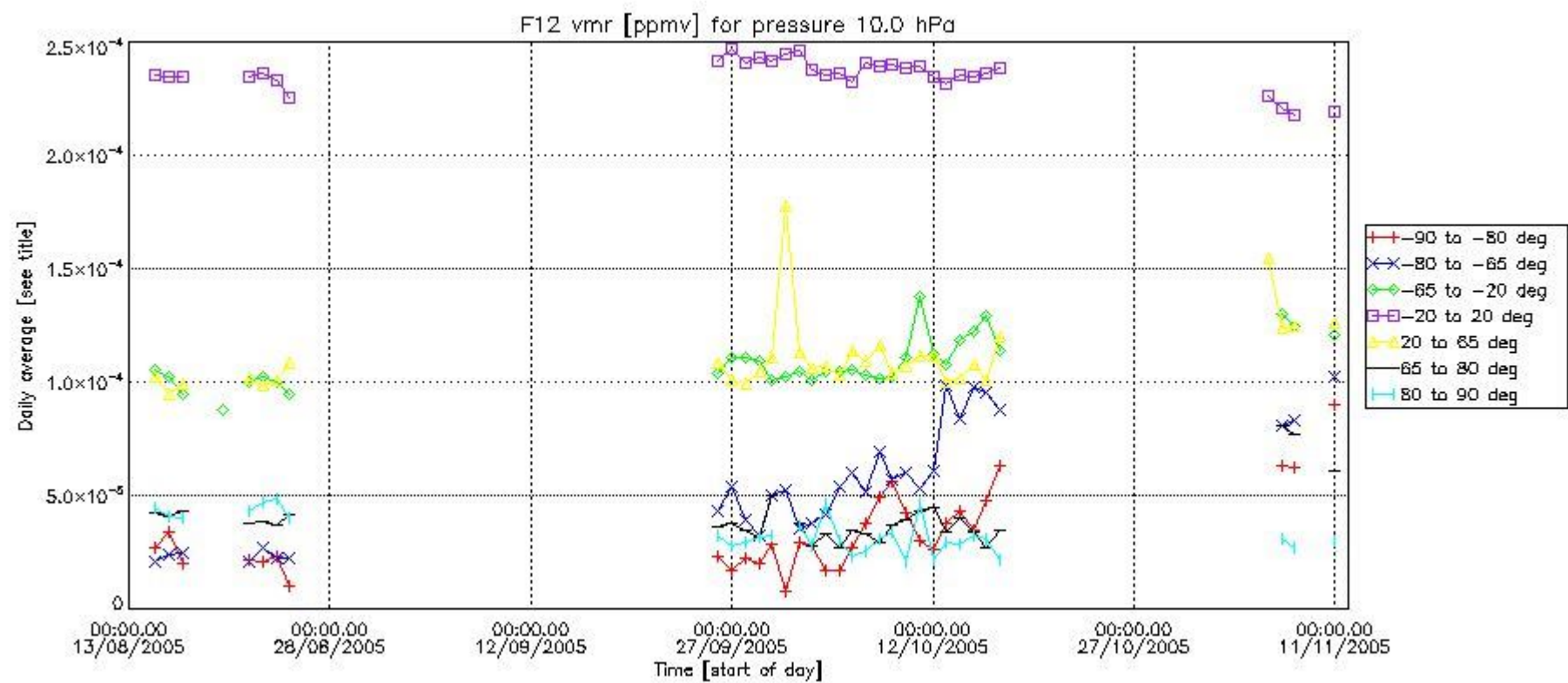
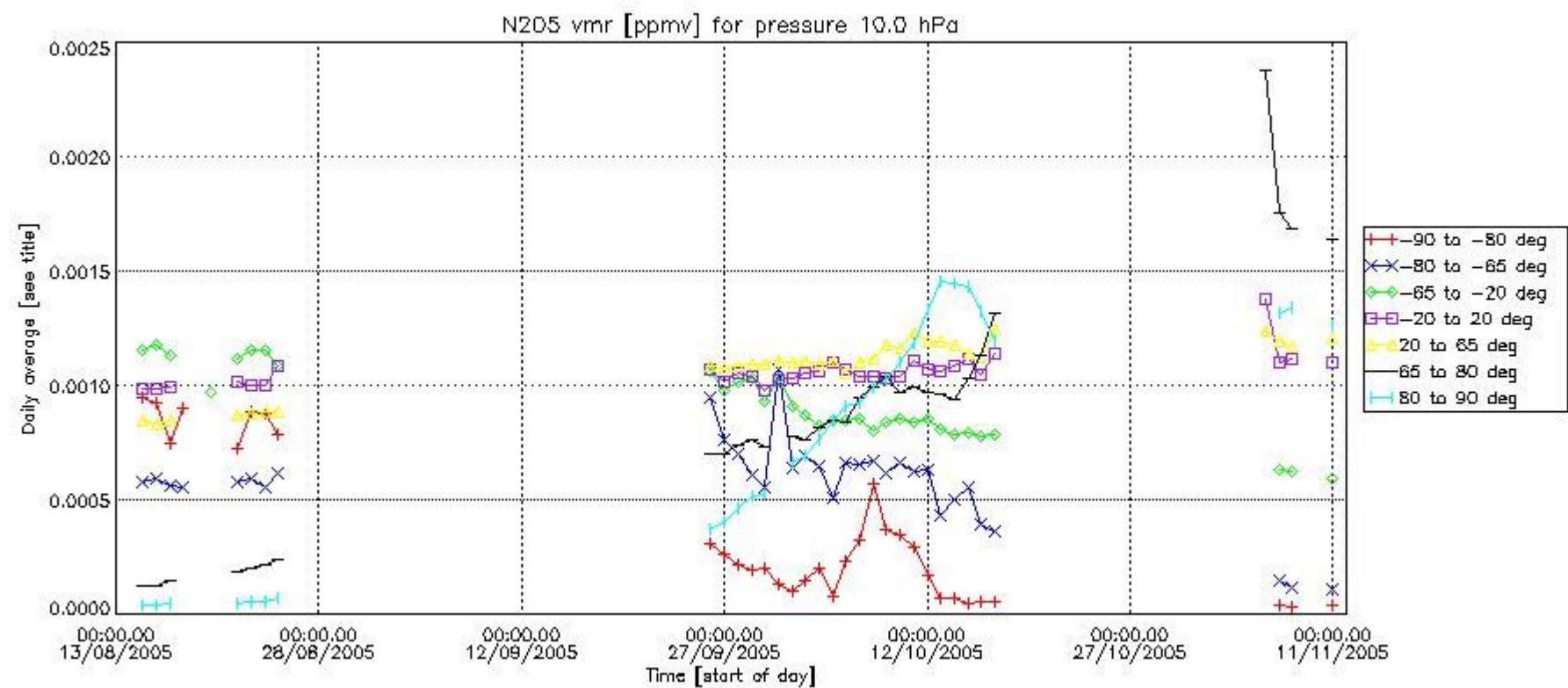


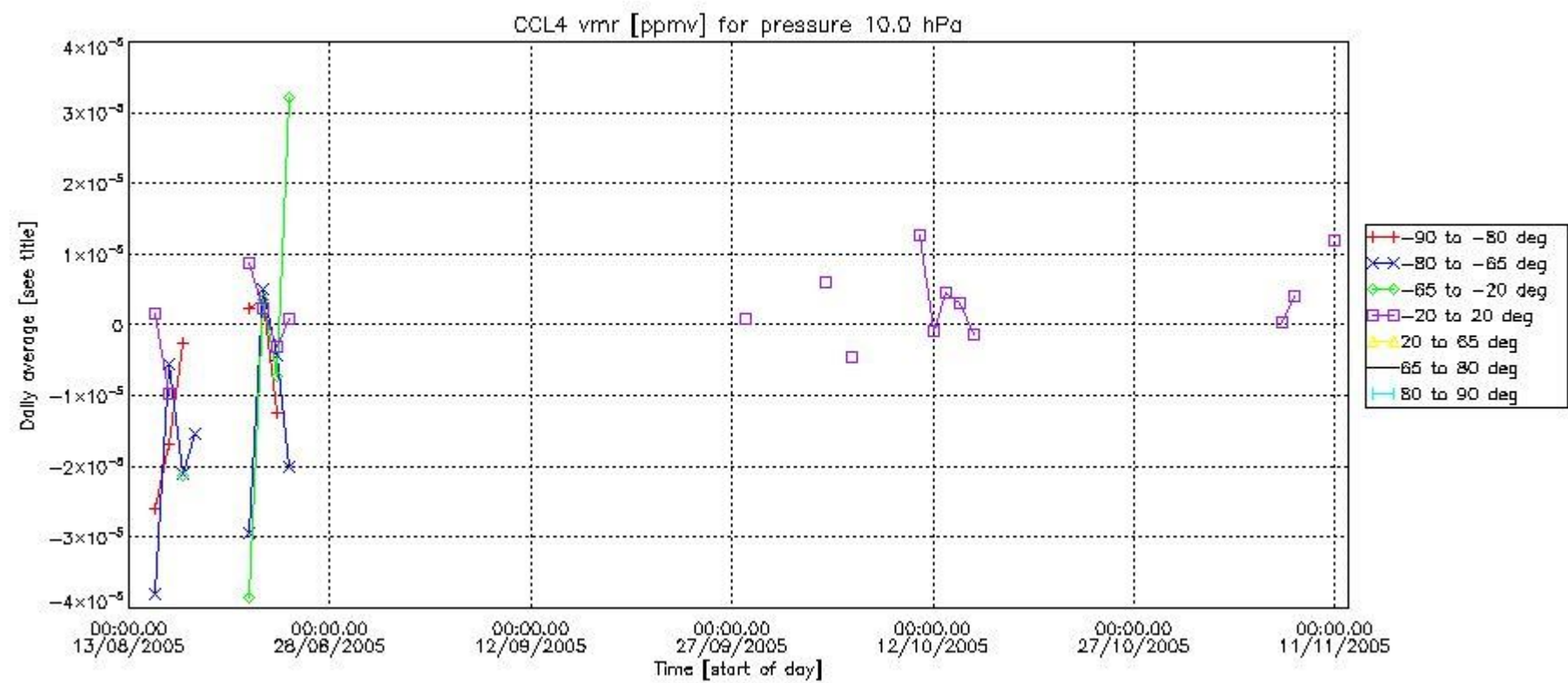
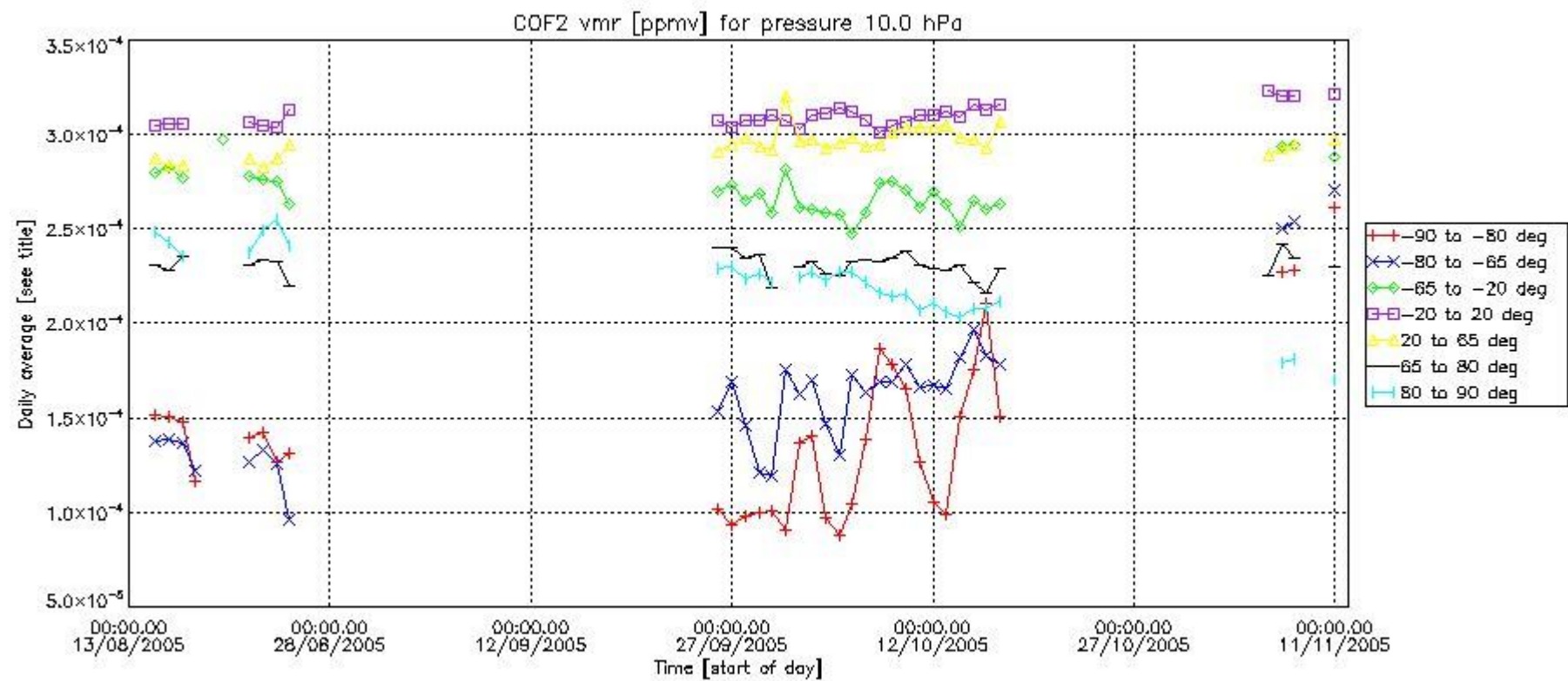


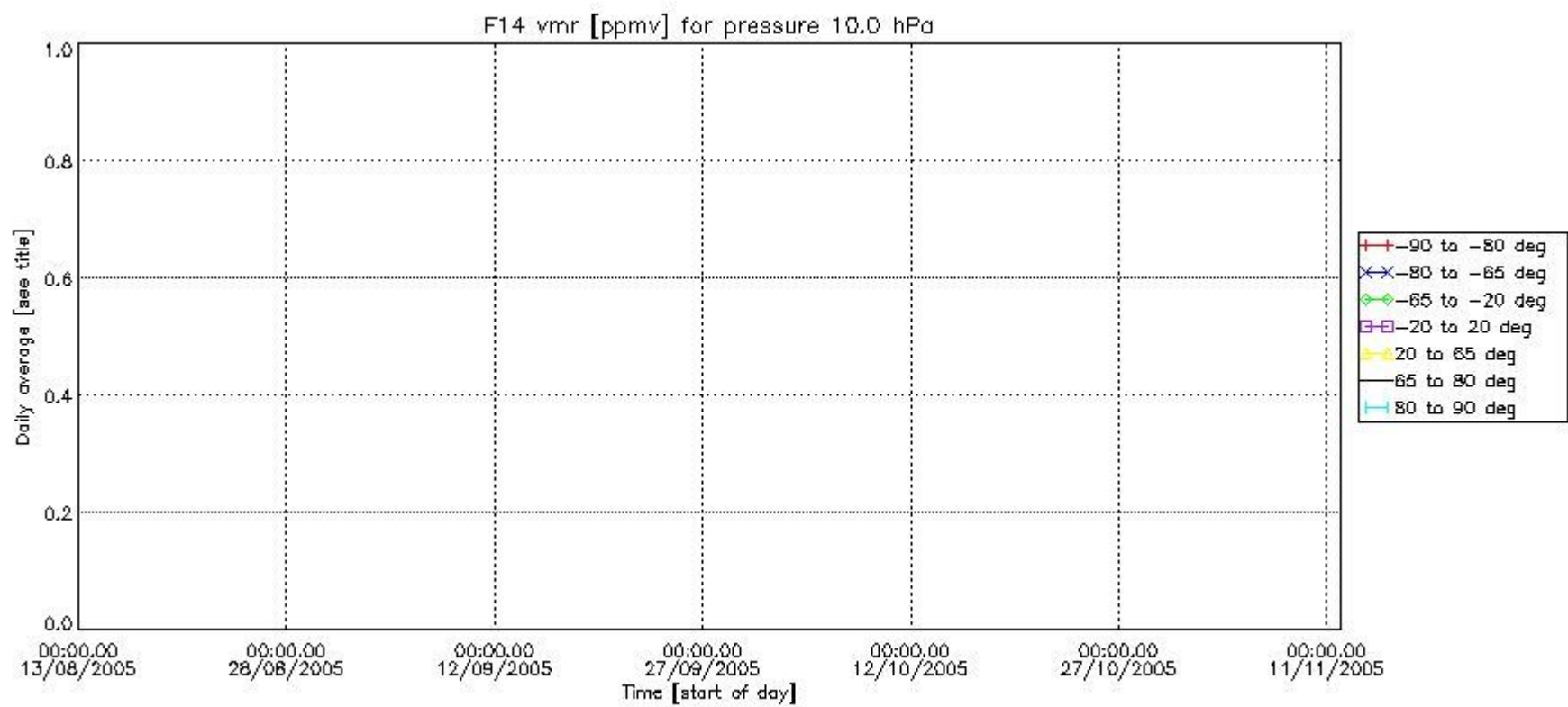
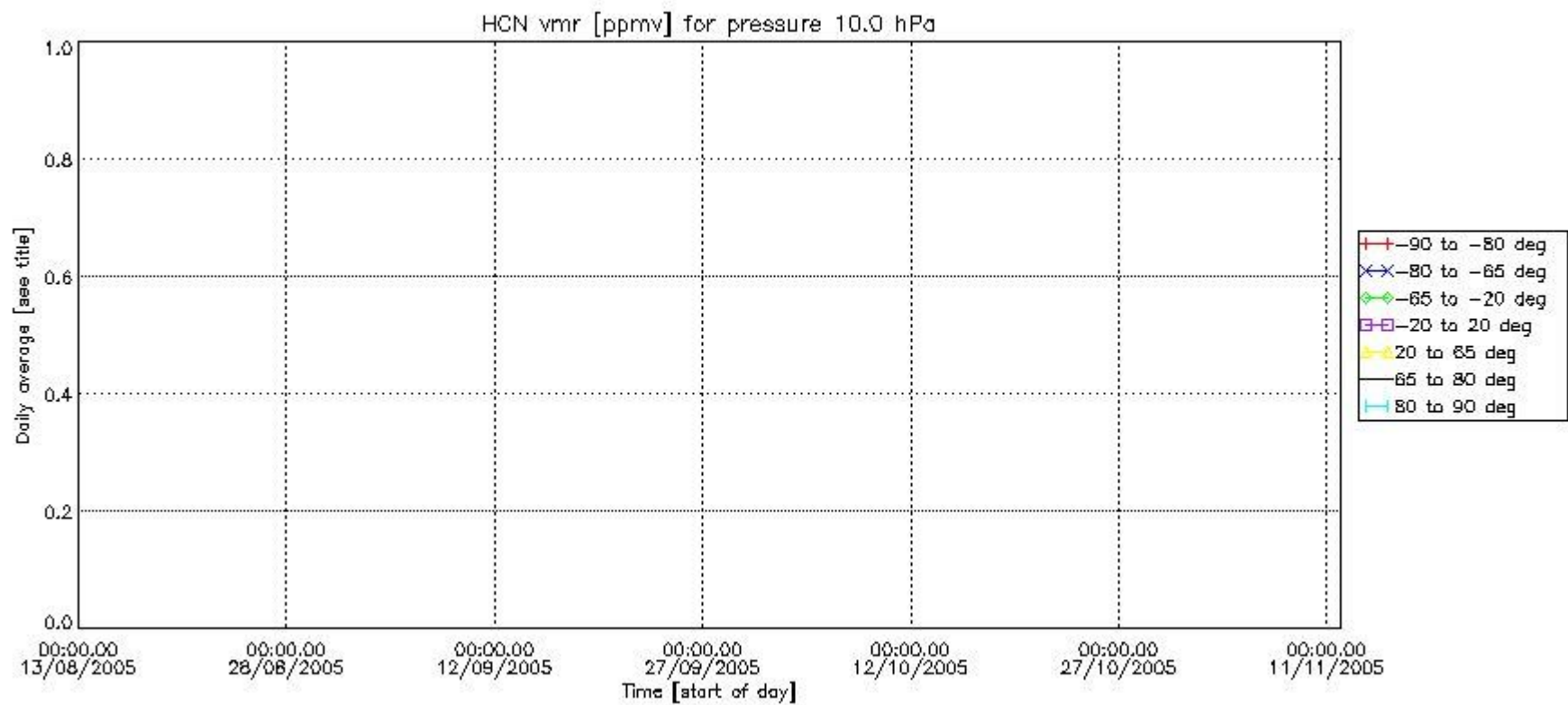


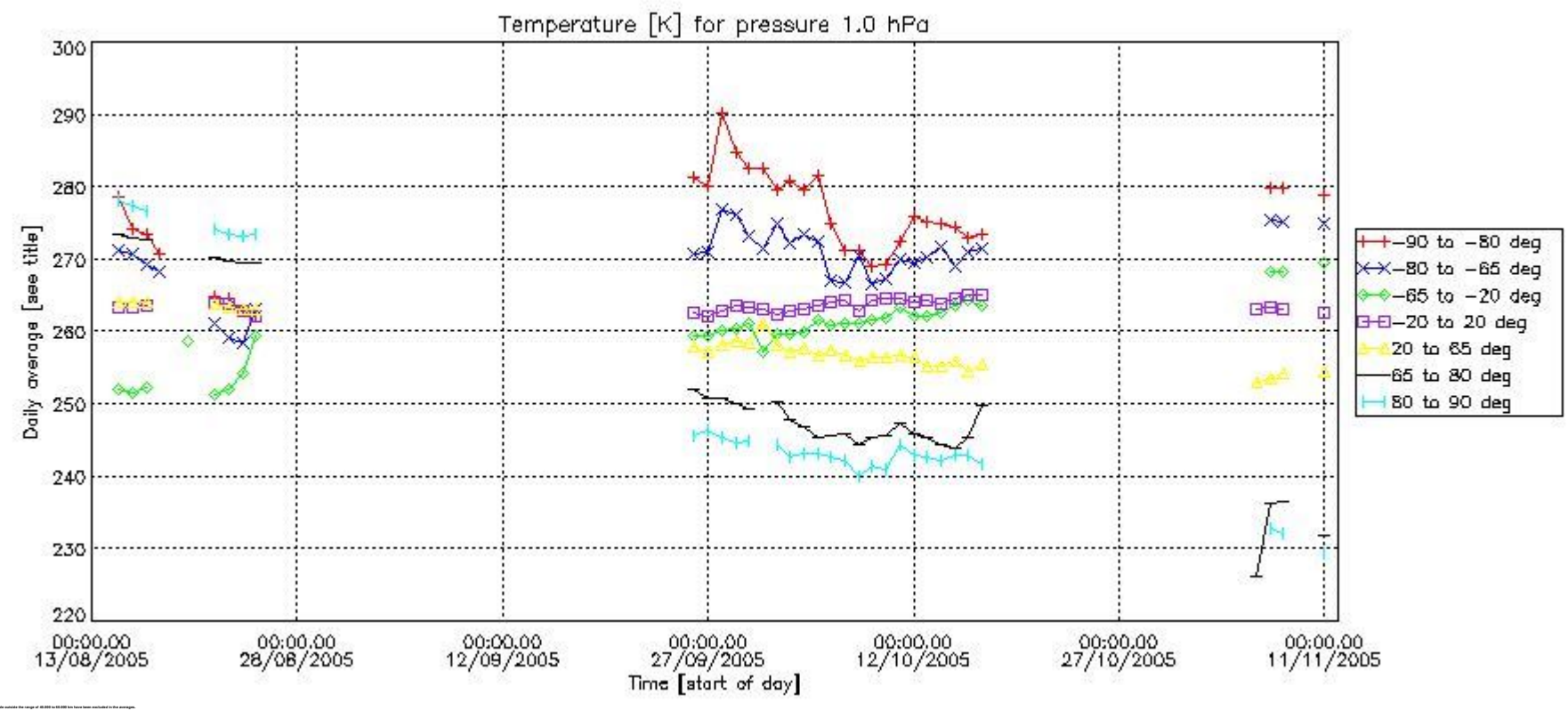
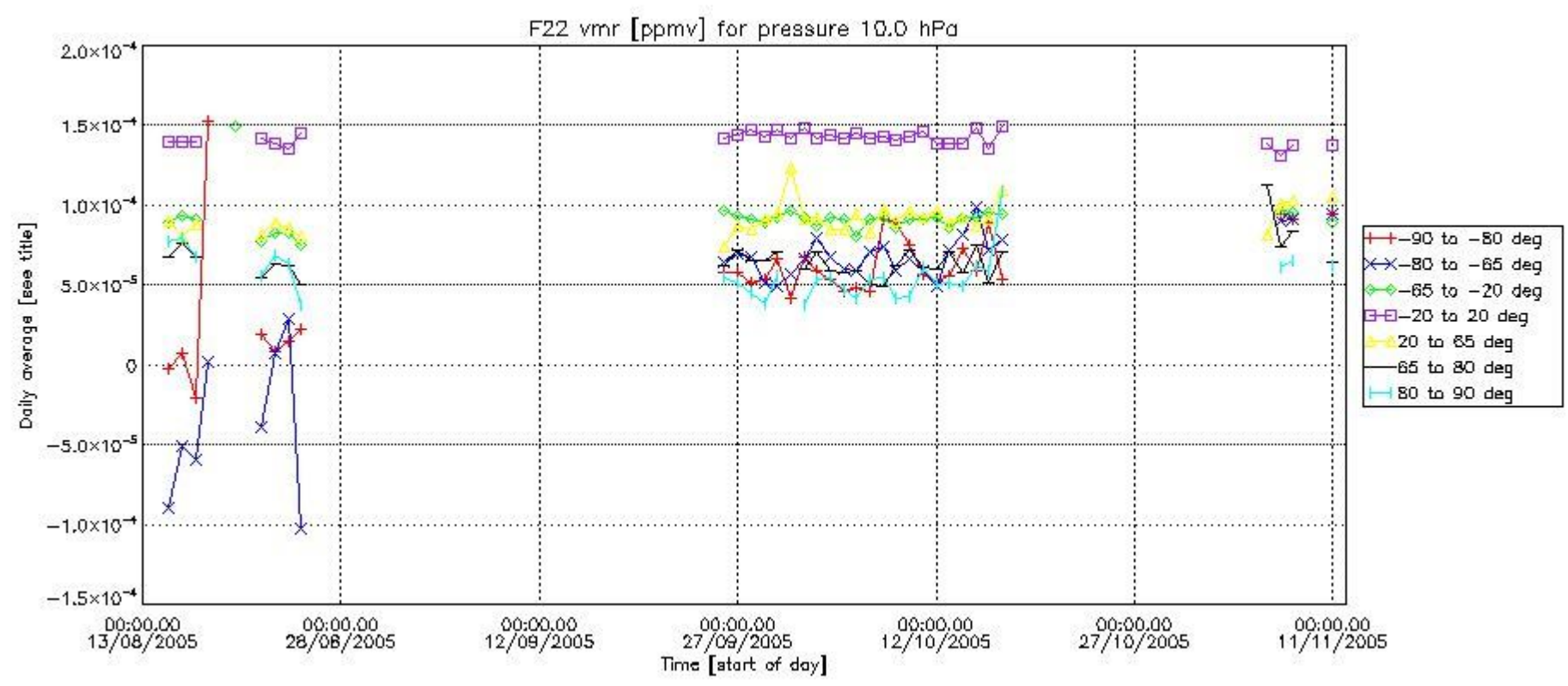


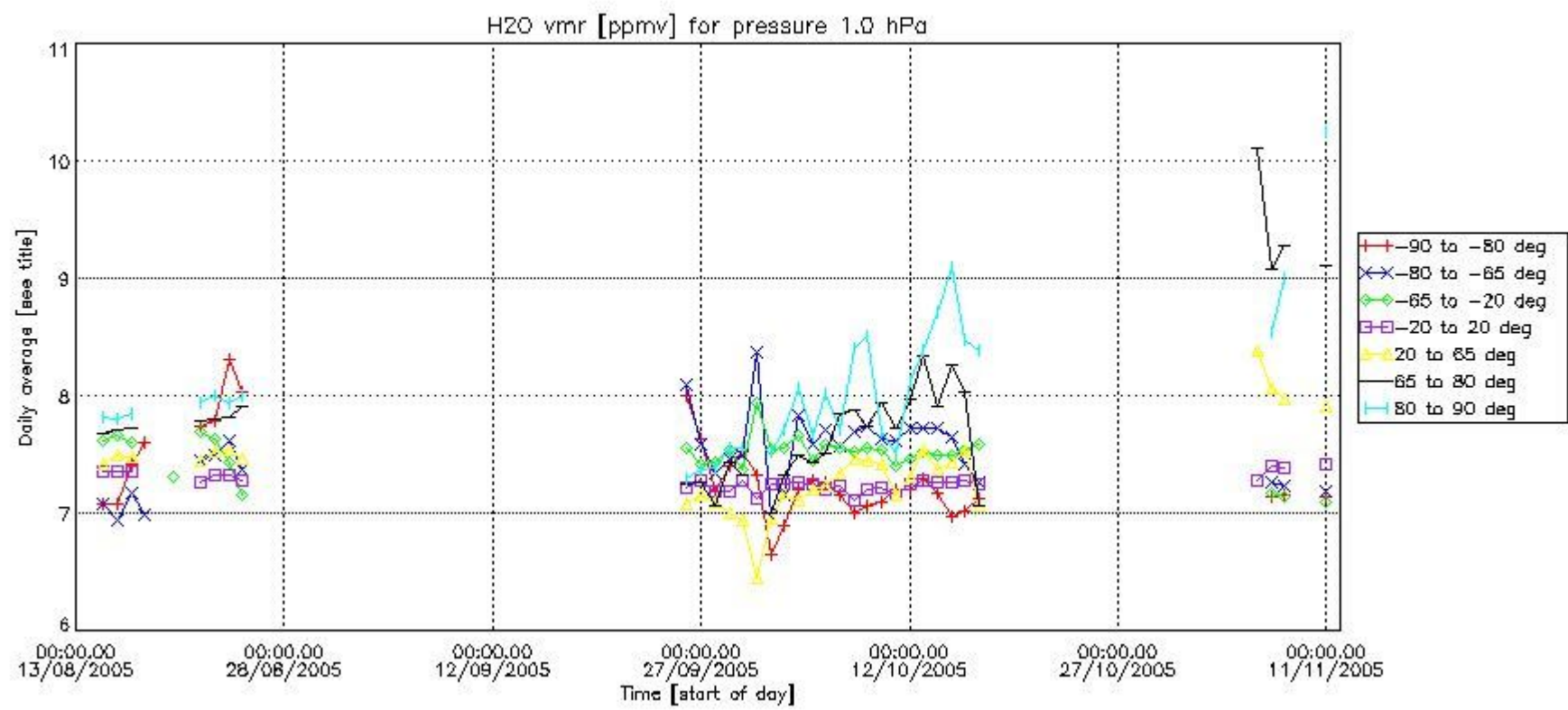
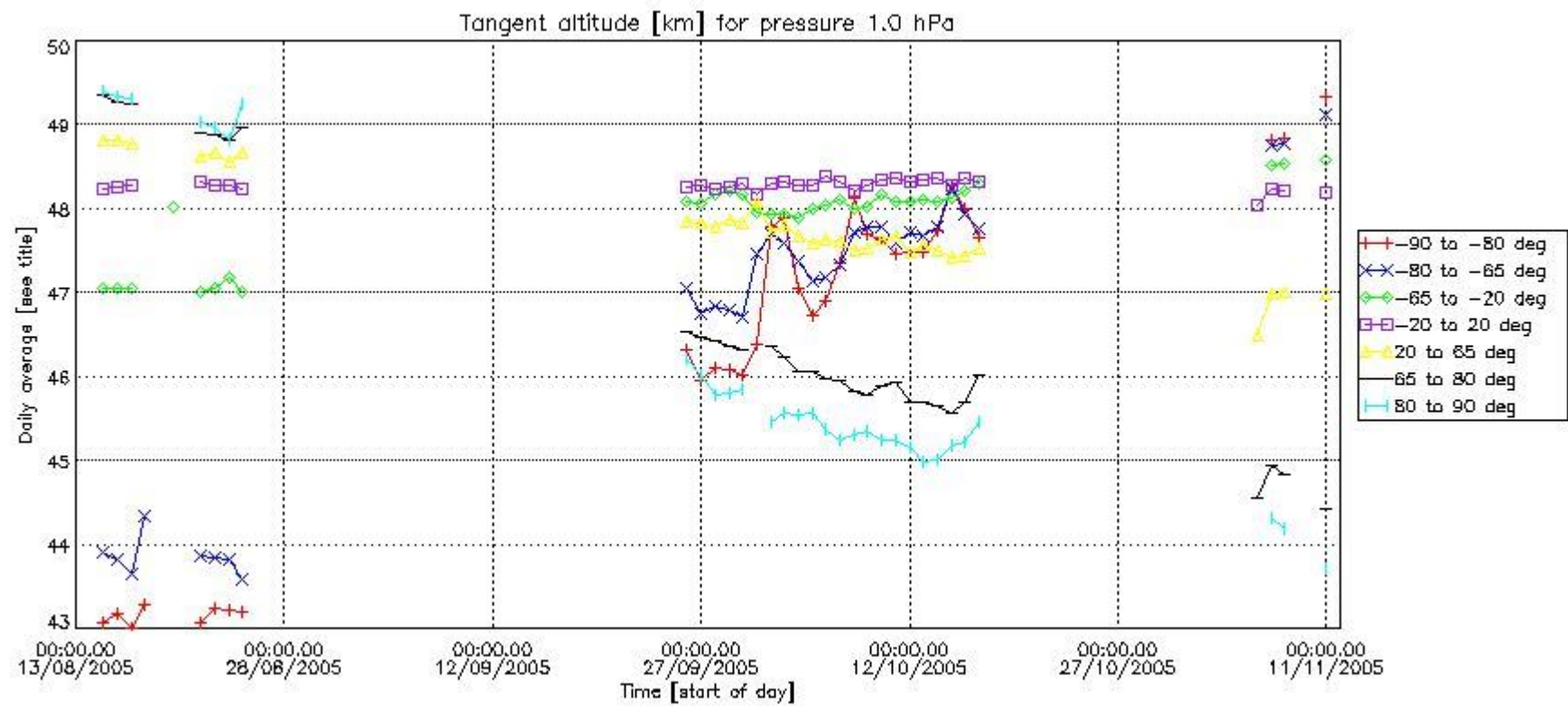


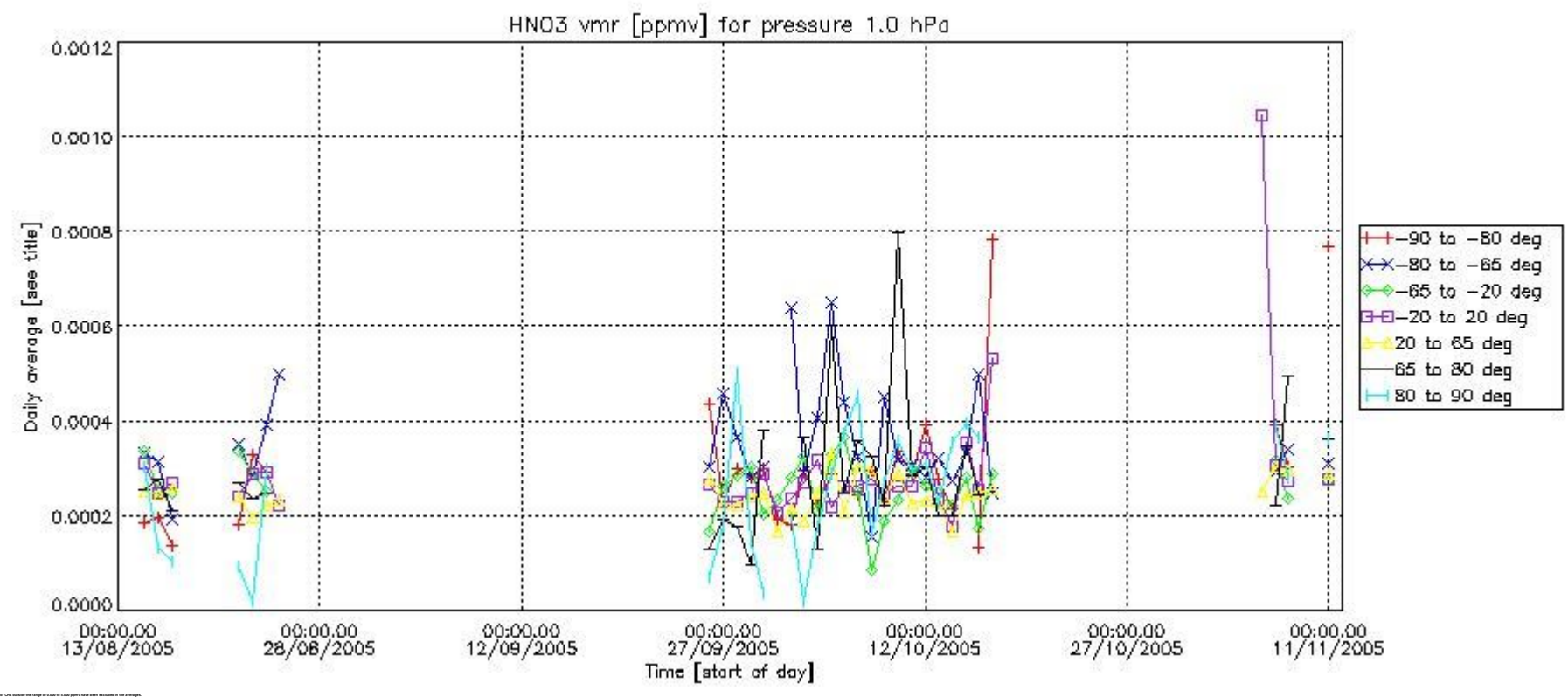
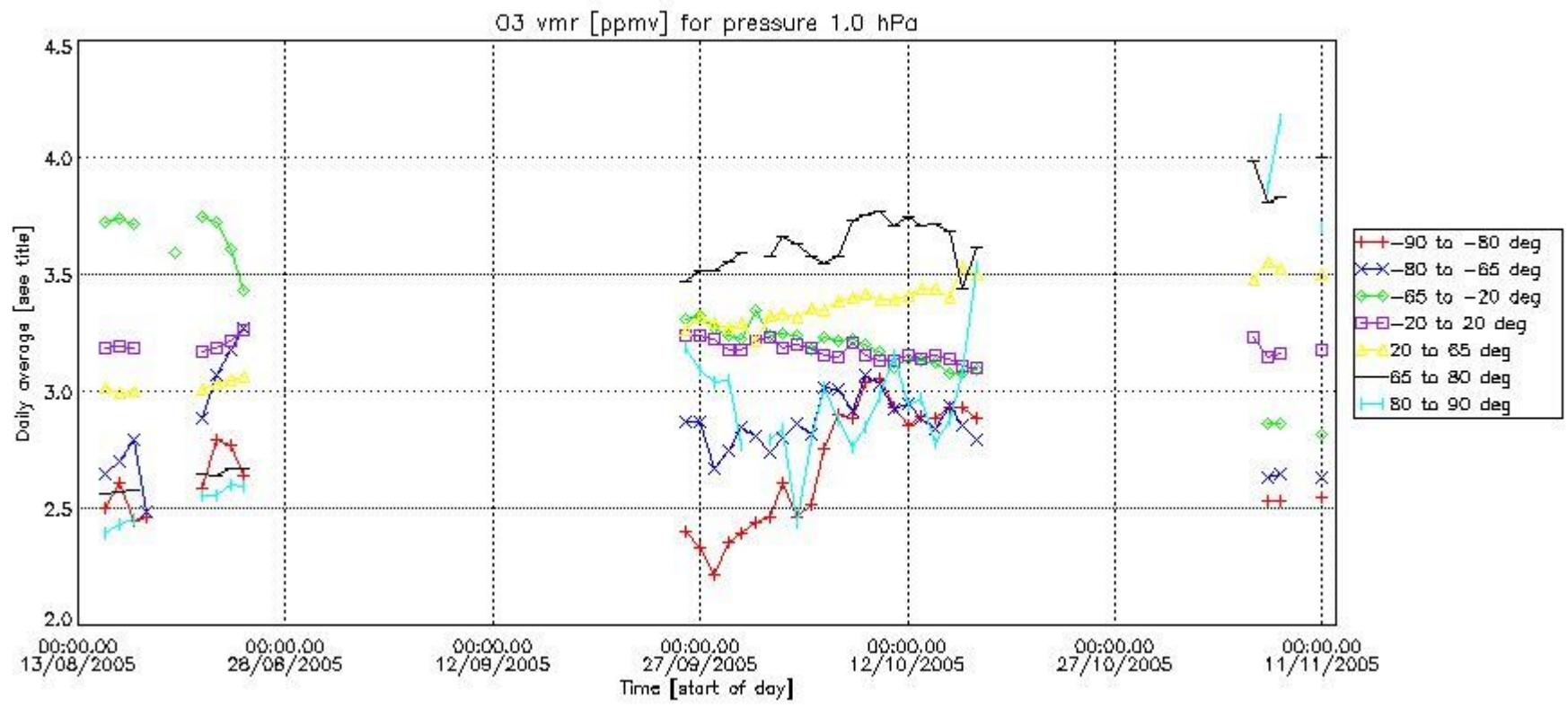


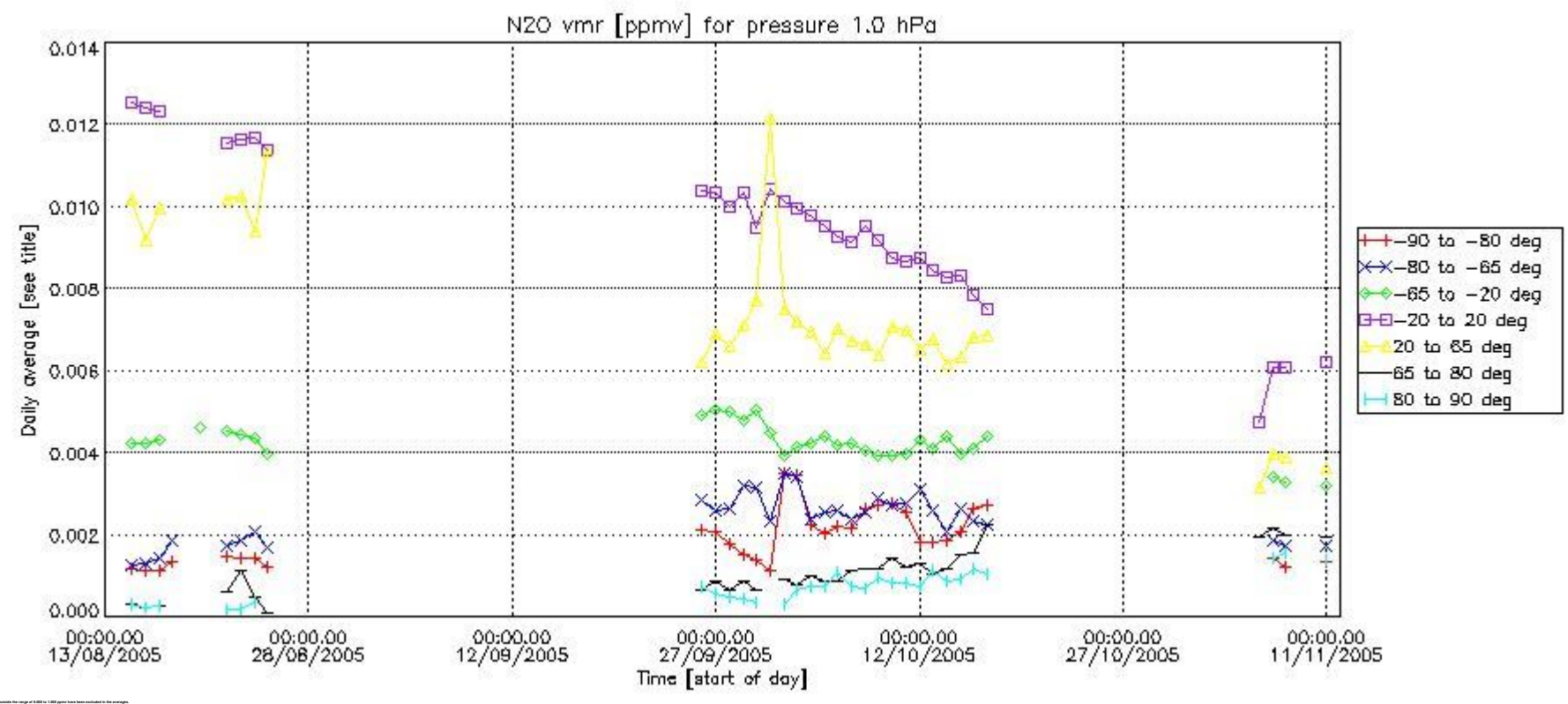
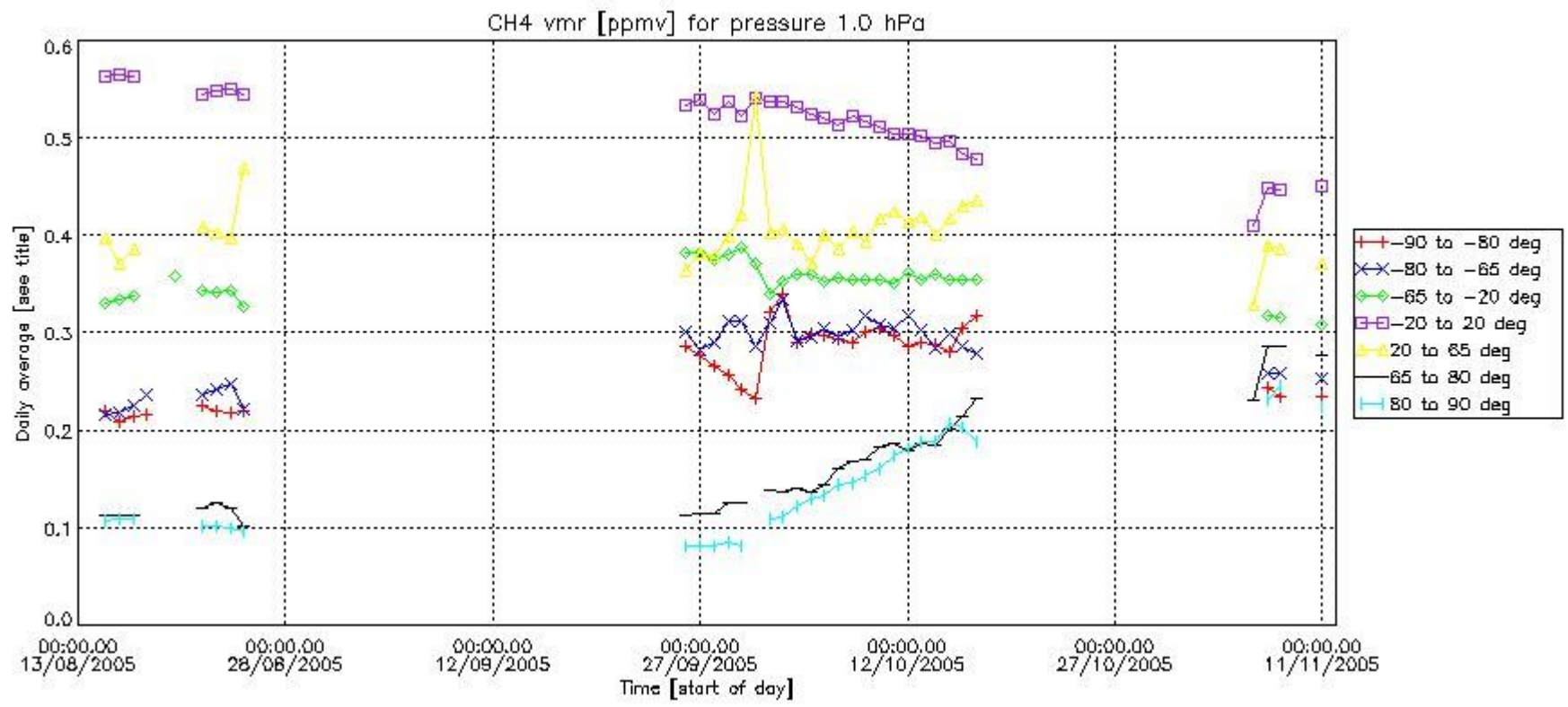


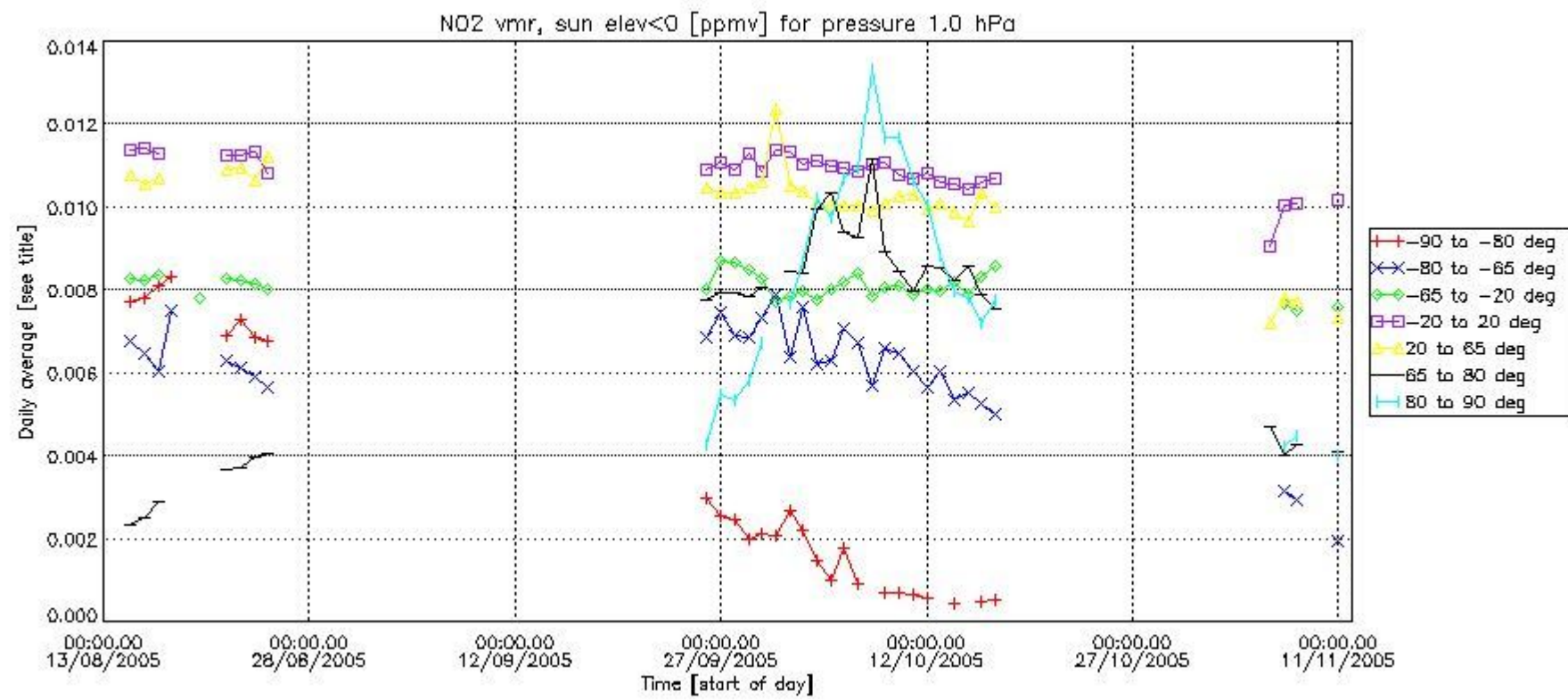
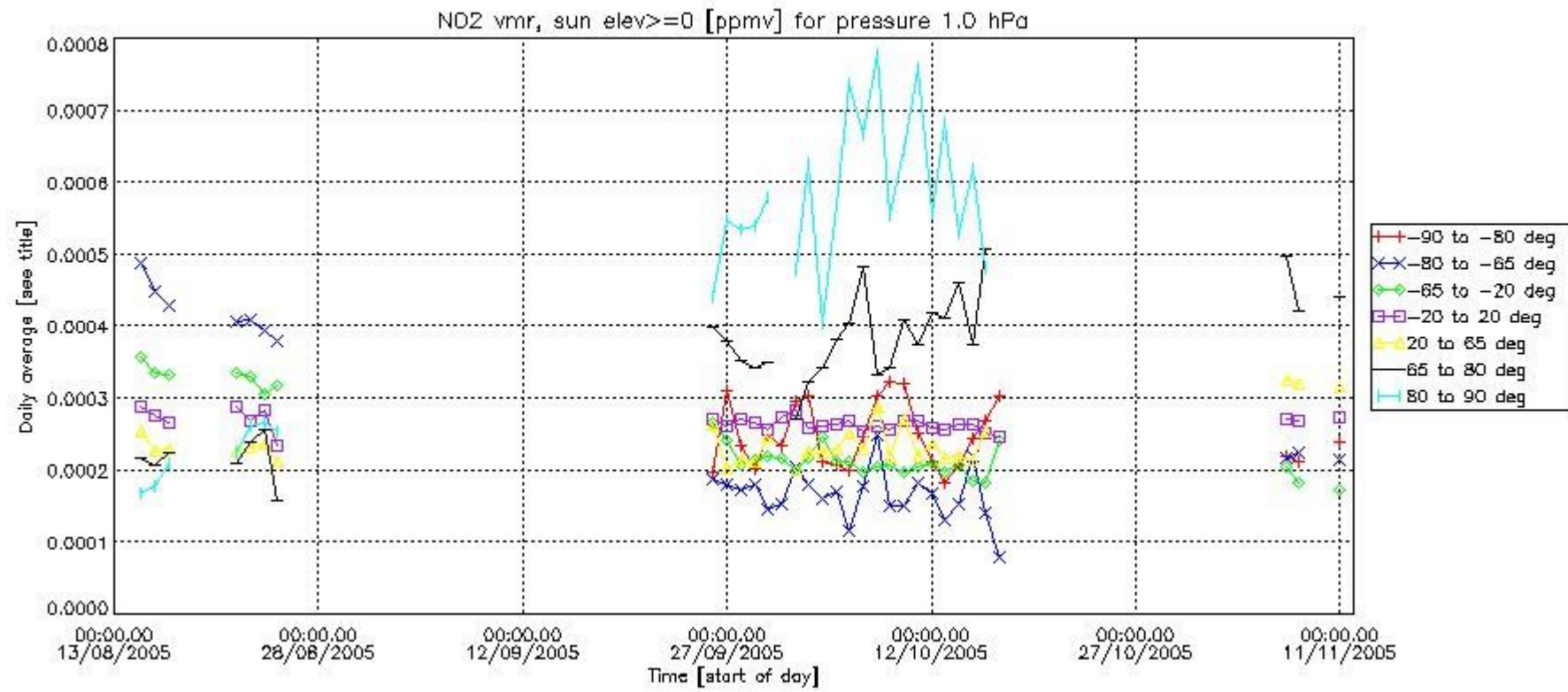


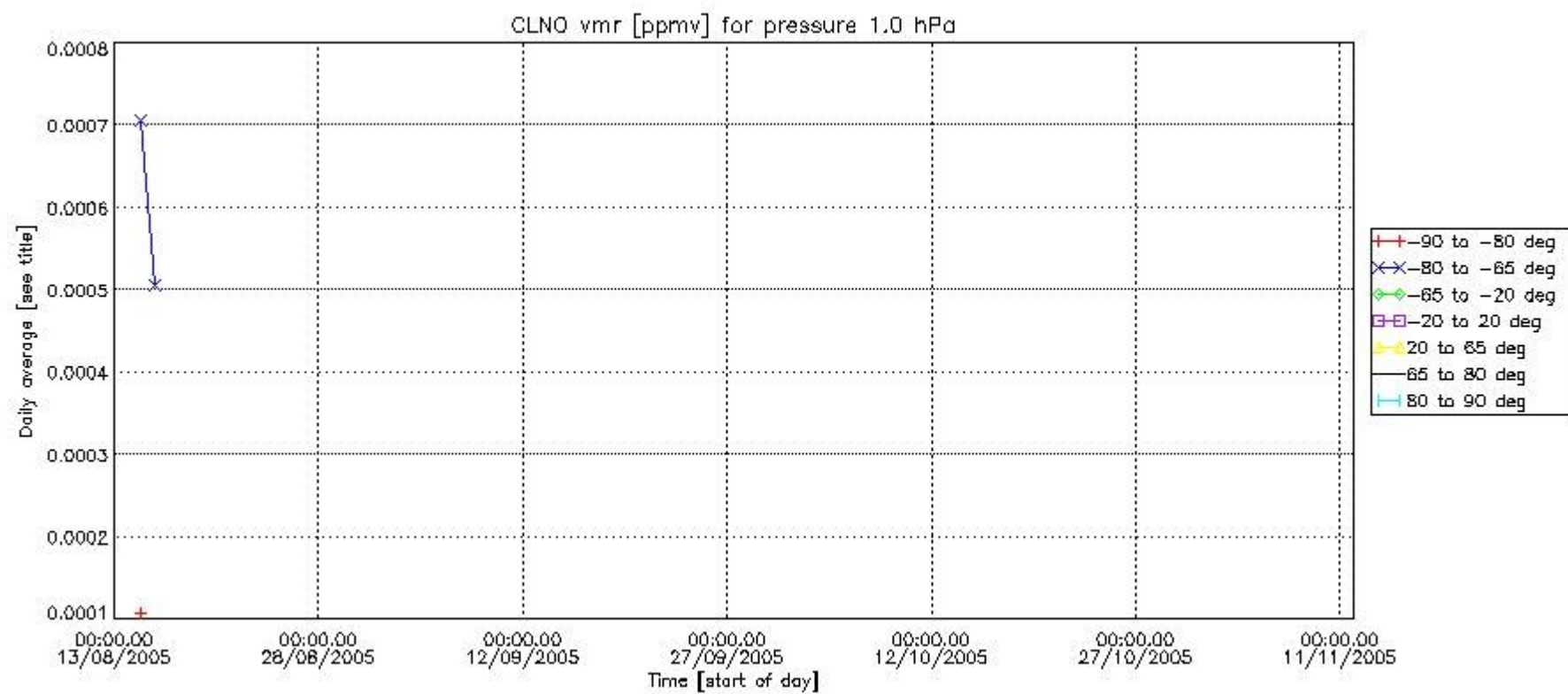
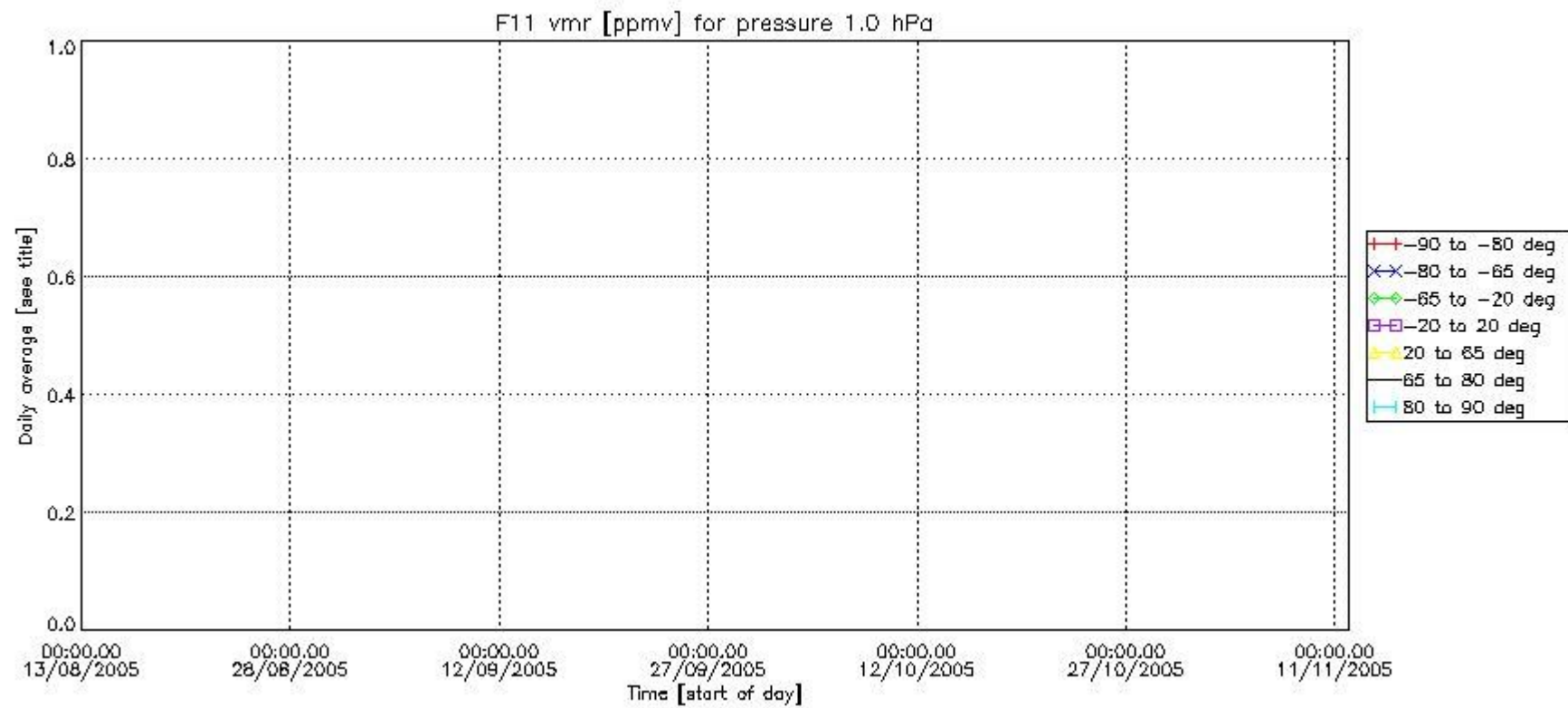


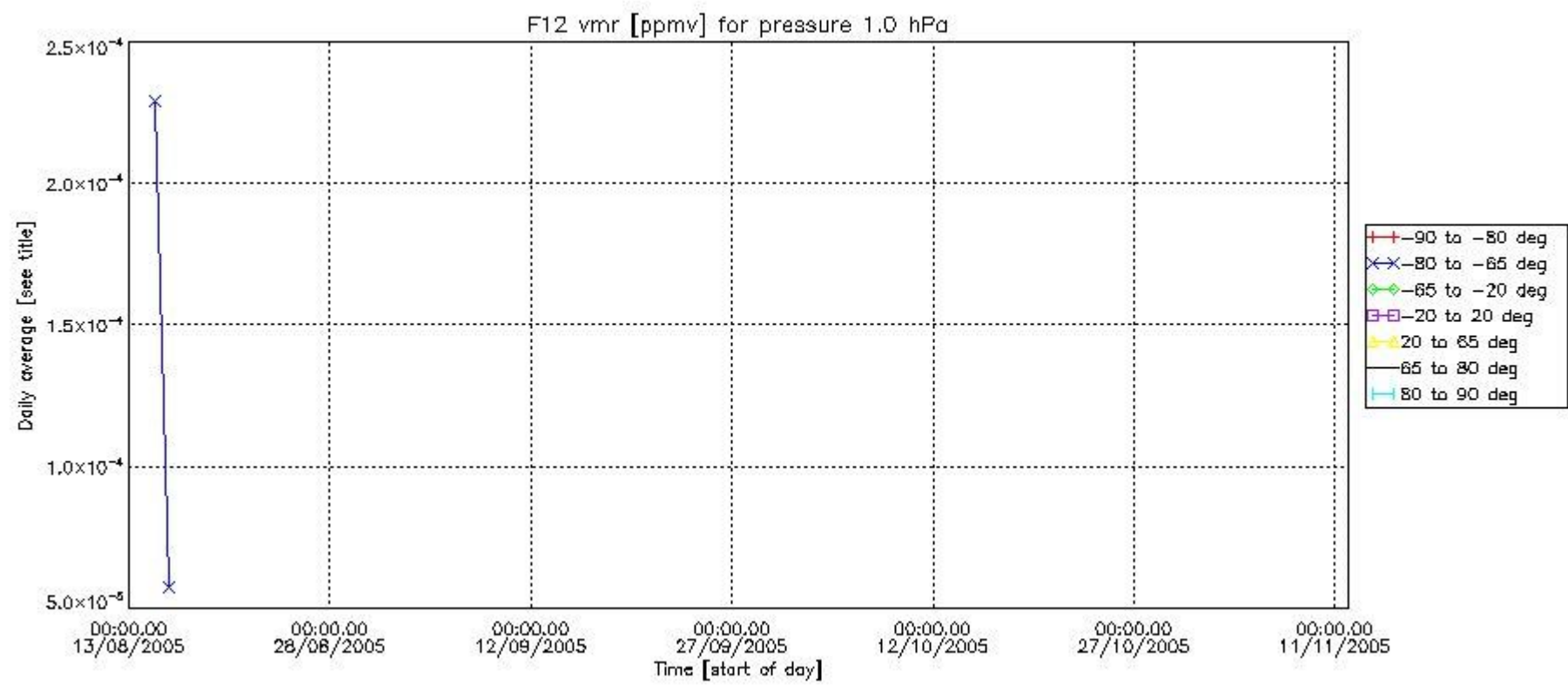
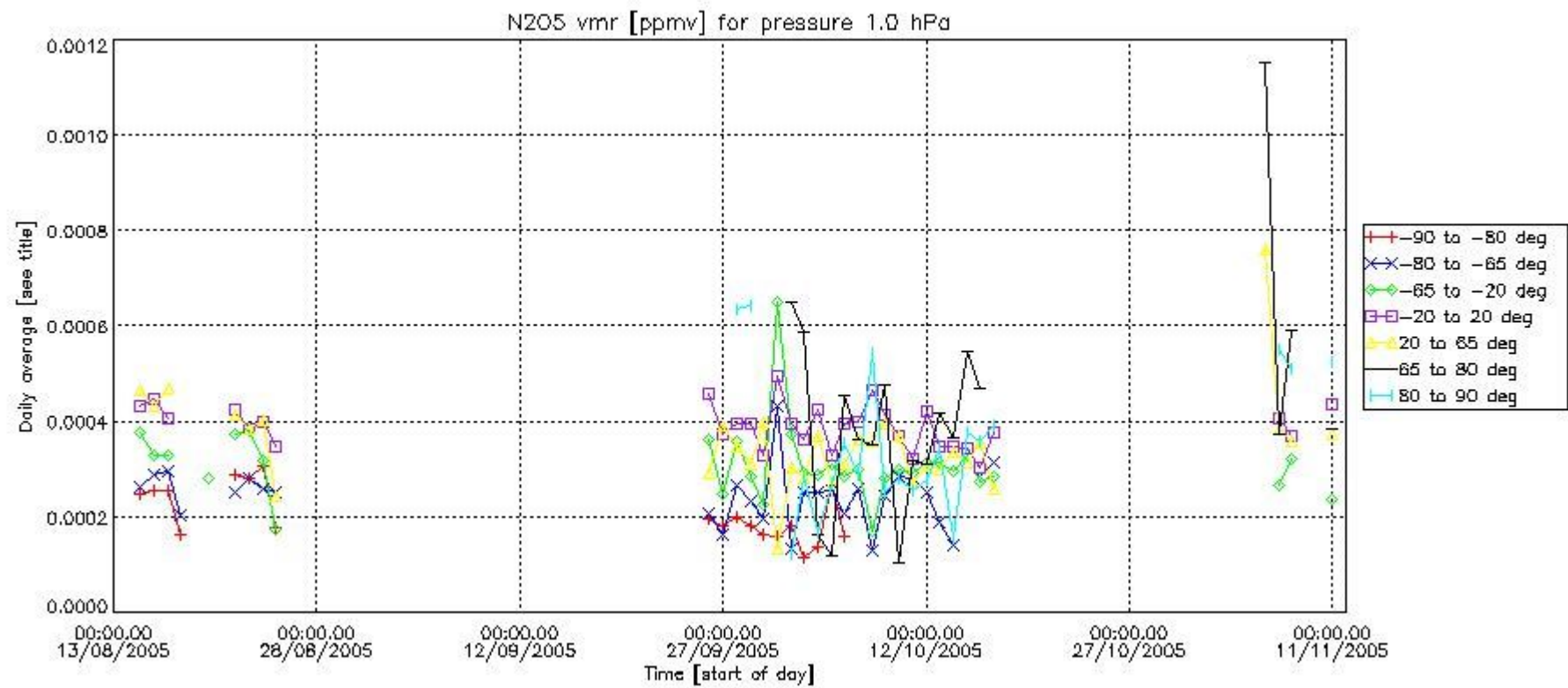


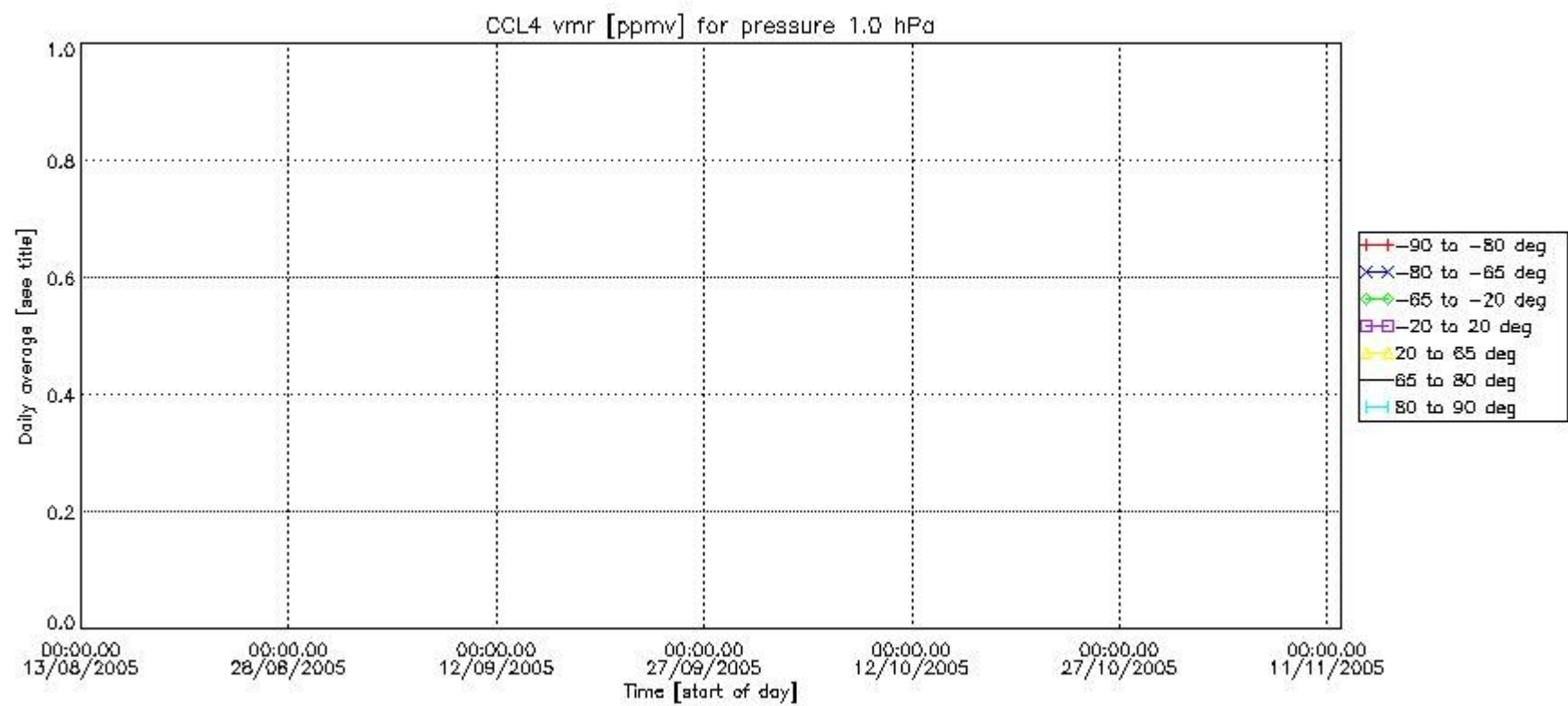
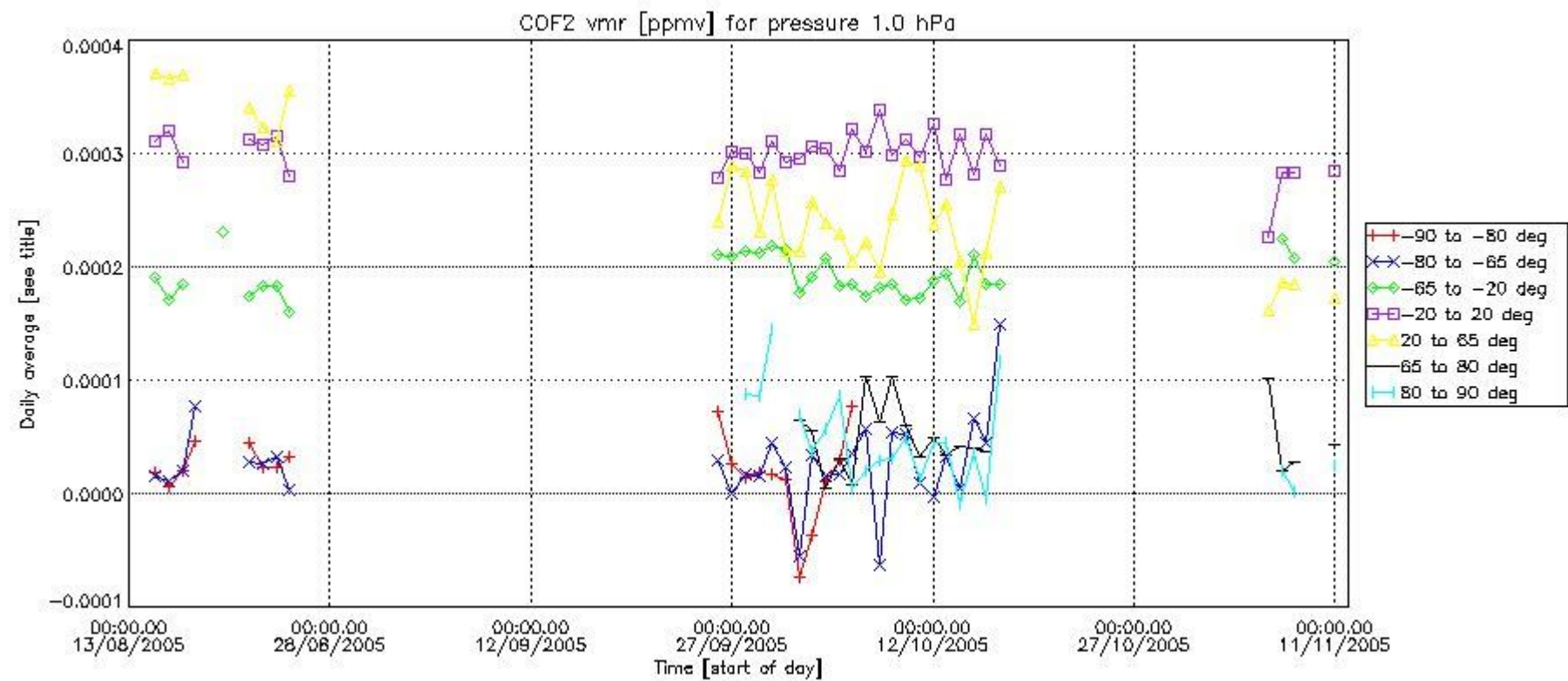


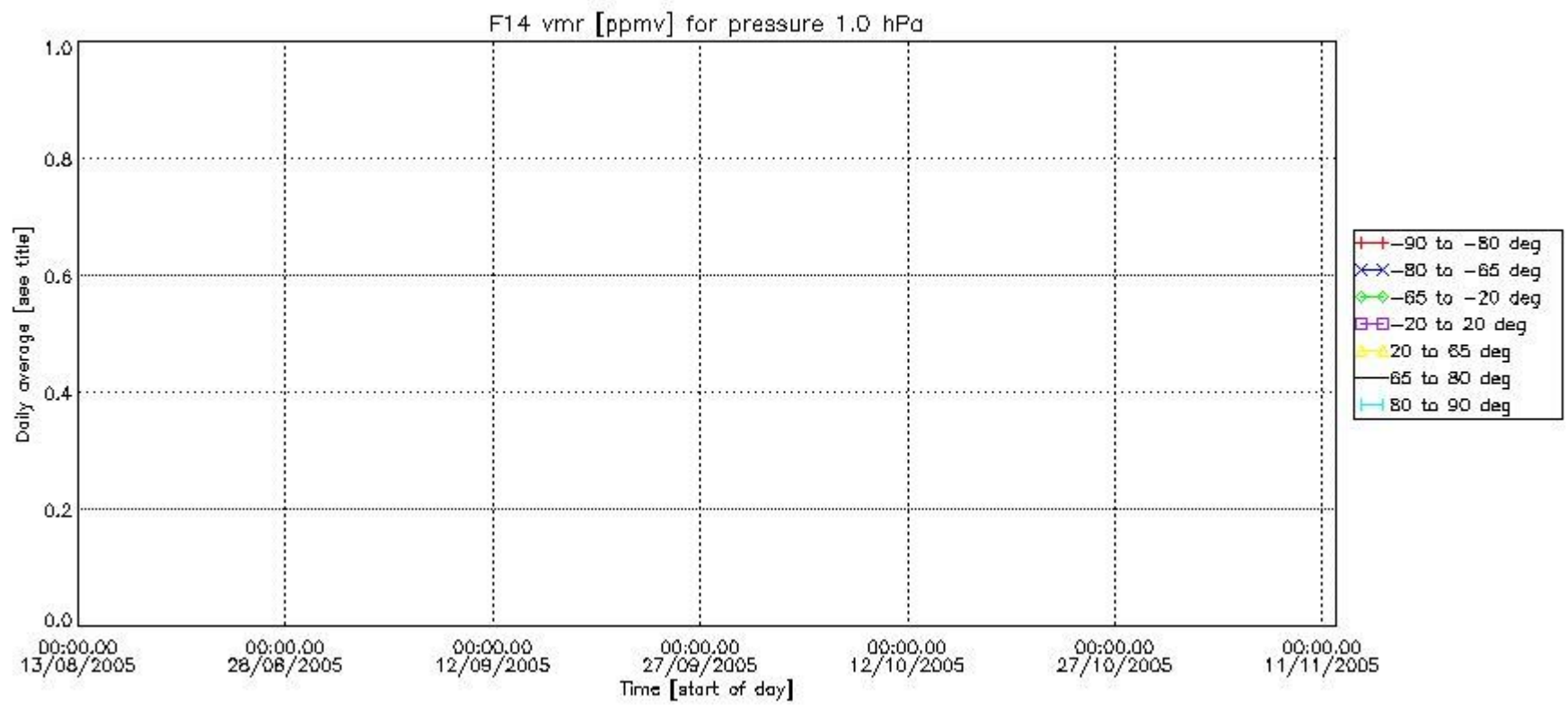
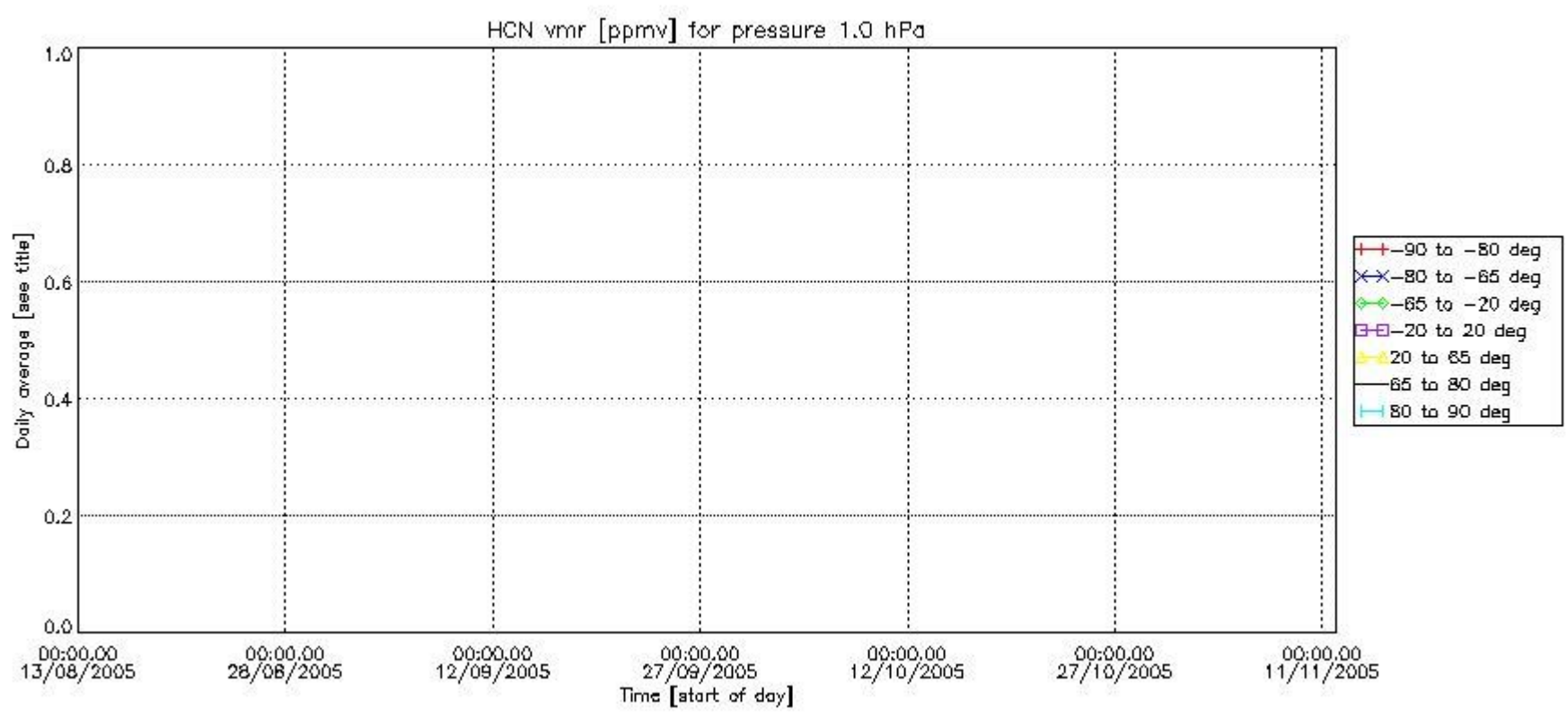


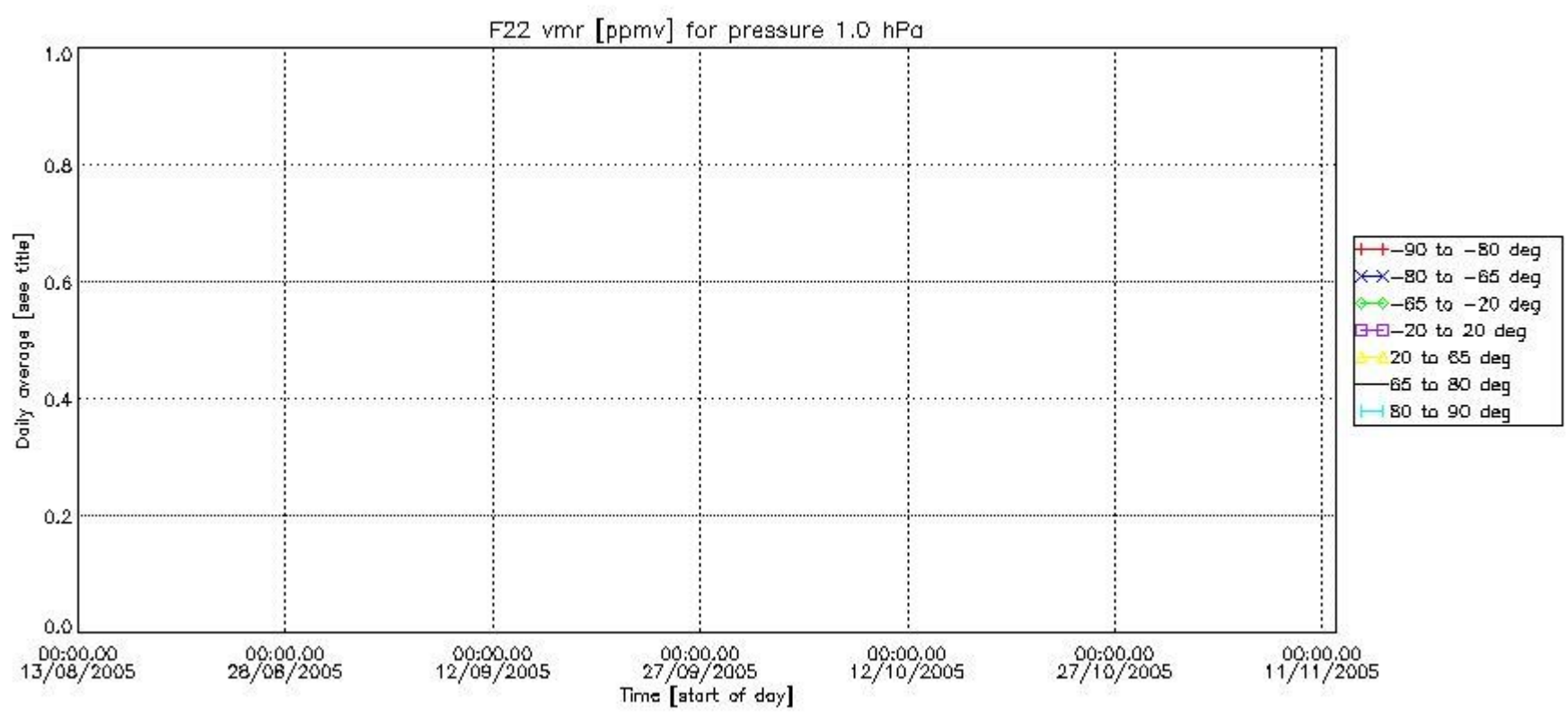












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

