

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050824.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 14:52:11
Data source version	ML2PP/7.03-W
Processing scope for products	24AUG2005 00:00:00 to 25AUG2005 00:00:00
Start time of first product within scope	23AUG2005 22:49:16
Stop time of last product within scope	25AUG2005 01:38:36
Total number of level 2 products	16
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.

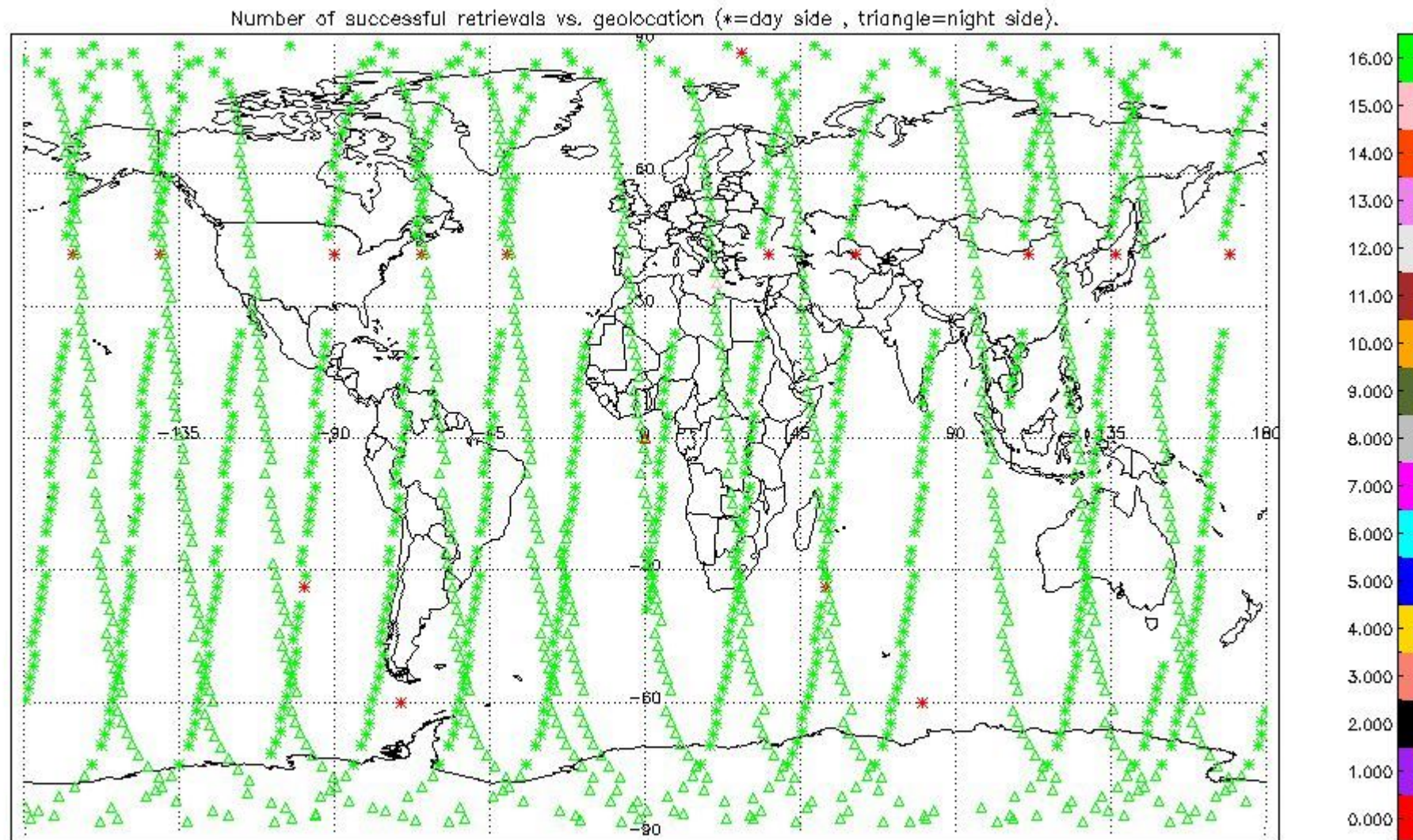
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20050823_224916_000060302040_00116_18206_1000.N1	23AUG2005 22:49:16	24AUG2005 00:29:45	0	128/128	
1	MIP_NL__2PWDSI20050824_002952_000060302040_00117_18207_1000.N1	24AUG2005 00:29:52	24AUG2005 02:10:21	0	128/128	VMR_TERM_MACRO_MICRO[CLNO/micro:2]
2	MIP_NL__2PWDSI20050824_021028_000033092040_00118_18208_1000.N1	24AUG2005 02:10:28	24AUG2005 03:05:36	0	67/67	
3	MIP_NL__2PWDSI20050824_044111_000029782040_00119_18209_1000.N1	24AUG2005 04:41:11	24AUG2005 05:30:49	0	66/66	VMR_TERM_MACRO_MICRO[CLNO/micro:1; HCN/micro:2]
4	MIP_NL__2PWDSI20050824_053140_000060172040_00120_18210_1000.N1	24AUG2005 05:31:40	24AUG2005 07:11:57	0	128/127	VMR_TERM_MACRO_MICRO[CH4/macro:1; HCN/macro:1; CLNO/micro:1; HCN/micro:1]
5	MIP_NL__2PWDSI20050824_071203_000060422040_00121_18211_1000.N1	24AUG2005 07:12:03	24AUG2005 08:52:45	0	129/129	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]
6	MIP_NL__2PWDSI20050824_085251_000040842040_00122_18212_1000.N1	24AUG2005 08:52:51	24AUG2005 10:00:55	0	68/68	
7	MIP_NL__2PWDSI20050824_112335_000029782040_00123_18213_1000.N1	24AUG2005 11:23:35	24AUG2005 12:13:13	0	66/66	
8	MIP_NL__2PWDSI20050824_121403_000060302040_00124_18214_1000.N1	24AUG2005 12:14:03	24AUG2005 13:54:33	0	128/128	VMR_TERM_MACRO_MICRO[O3/micro:1]
9	MIP_NL__2PWDSI20050824_135439_000060302040_00125_18215_1000.N1	24AUG2005 13:54:39	24AUG2005 15:35:09	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:4; F14/macro:1]
10	MIP_NL__2PWDSI20050824_153515_000046422040_00126_18216_1000.N1	24AUG2005 15:35:15	24AUG2005 16:52:37	0	98/97	
11	MIP_NL__2PWDSI20050824_180559_000029782040_00127_18217_1000.N1	24AUG2005 18:05:59	24AUG2005 18:55:37	0	66/66	VMR_TERM_MACRO_MICRO[HCN/micro:1]
12	MIP_NL__2PWDSI20050824_185627_000060302040_00128_18218_1000.N1	24AUG2005 18:56:27	24AUG2005 20:36:57	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
13	MIP_NL__2PWDSI20050824_203703_000060302040_00129_18219_1000.N1	24AUG2005 20:37:03	24AUG2005 22:17:33	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1]
14	MIP_NL__2PWDSI20050824_221739_000060302040_00130_18220_1000.N1	24AUG2005 22:17:39	24AUG2005 23:58:09	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1]
15	MIP_NL__2PWDSI20050824_235815_000060212040_00131_18221_1000.N1	24AUG2005 23:58:15	25AUG2005 01:38:36	0	132/132	VMR_TERM_MACRO_MICRO[HCN/macro:2; F14/macro:1; CLNO/micro:1]

2.2 Processing performance indicators

2.2.1 Successful retrievals

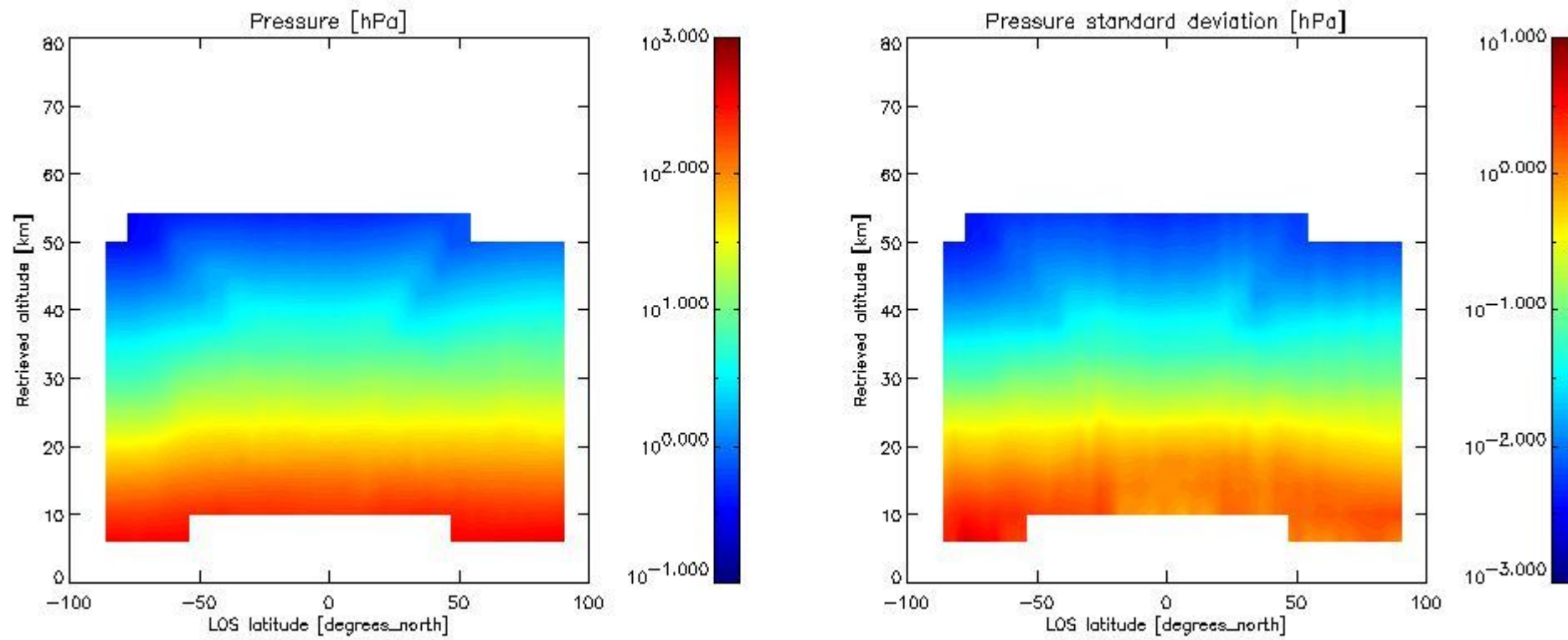
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1714	1472	85.881
H2O	1714	1472	85.881
O3	1714	1472	85.881
HNO3	1714	1472	85.881
CH4	1714	1472	85.881
N2O	1714	1472	85.881
NO2	1714	1472	85.881
F11	1714	1472	85.881
CLNO	1714	1472	85.881
N2O5	1714	1472	85.881
F12	1714	1471	85.823
COF2	1714	1472	85.881
CCL4	1714	1472	85.881
HCN	1714	1472	85.881
F14	1714	1472	85.881
F22	1714	1472	85.881



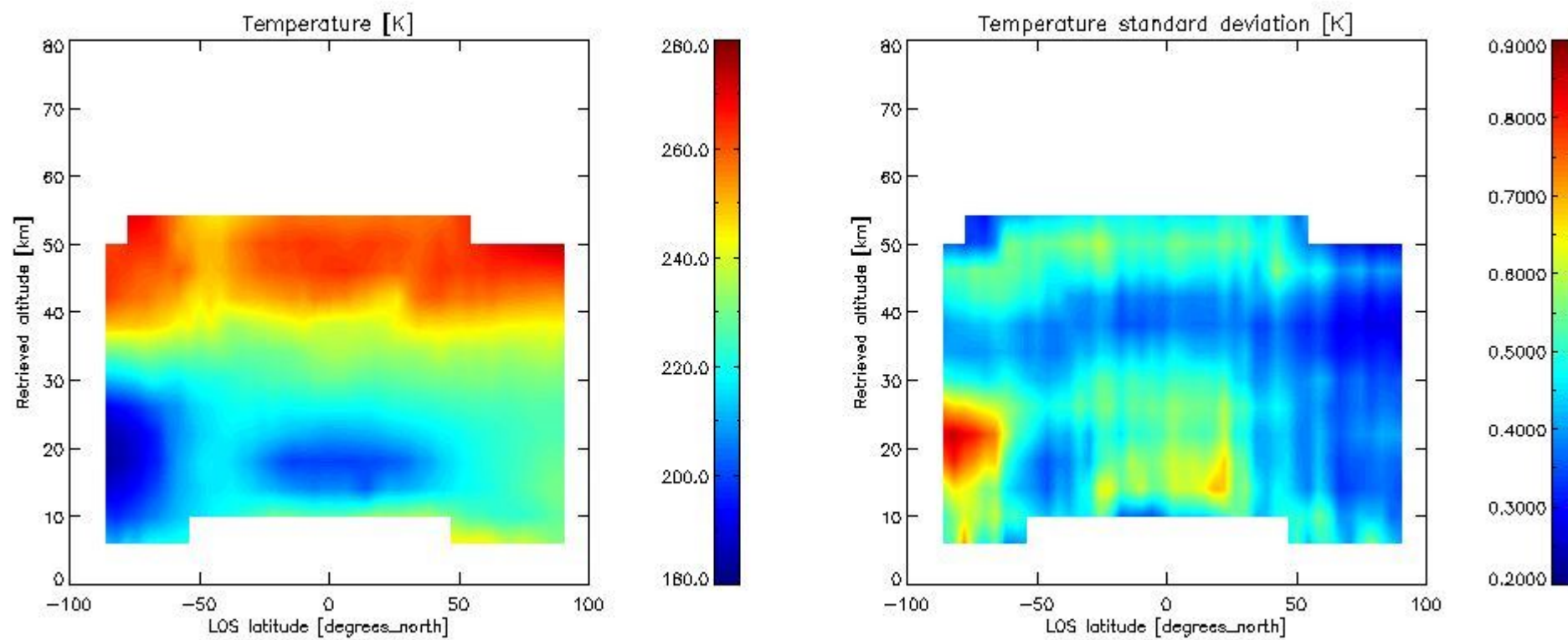
2.2.2 Pressure overview

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



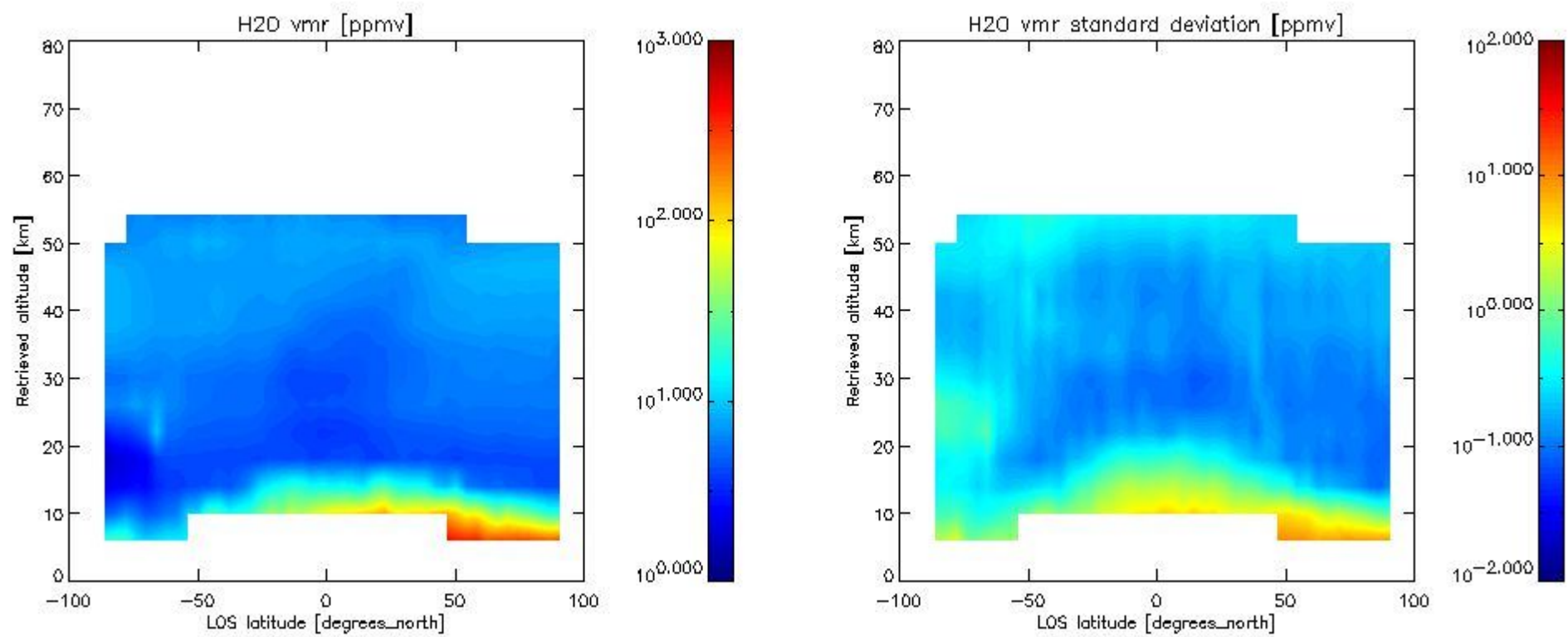
2.2.3 Temperature overview

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

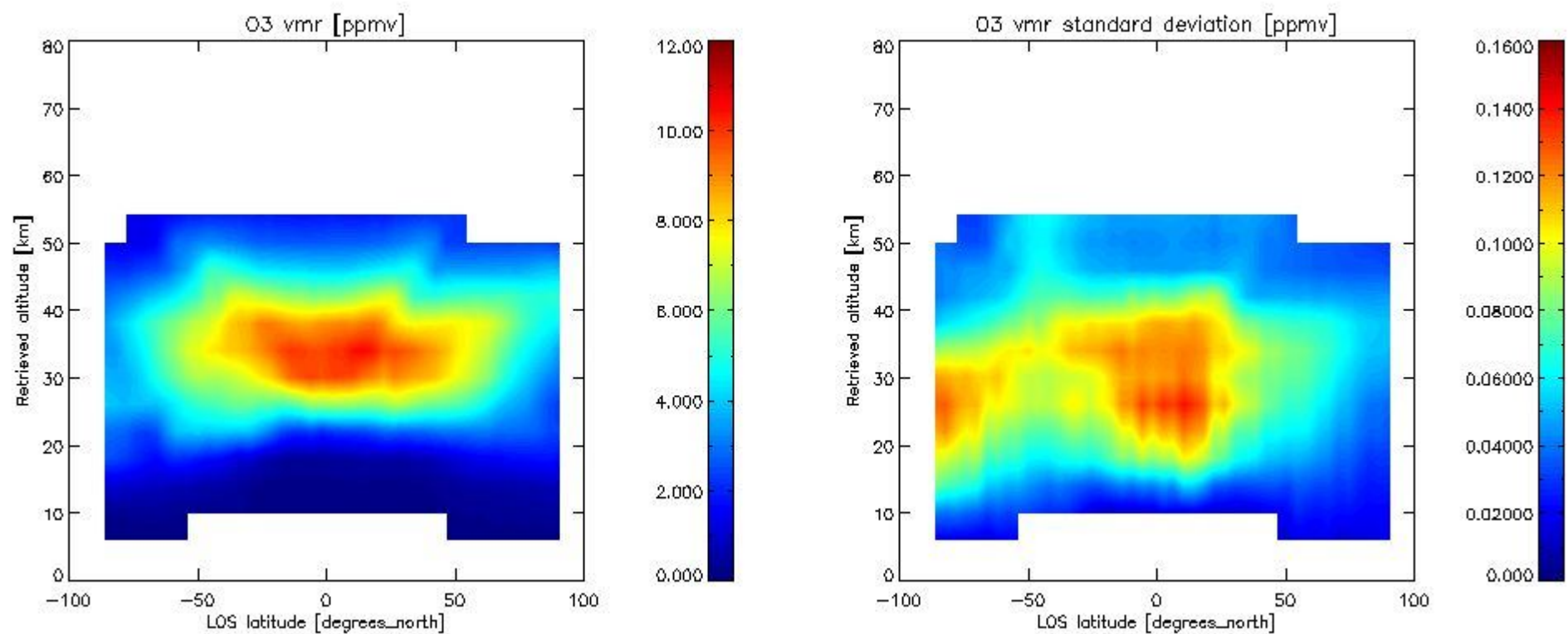


2.2.4 Species overview

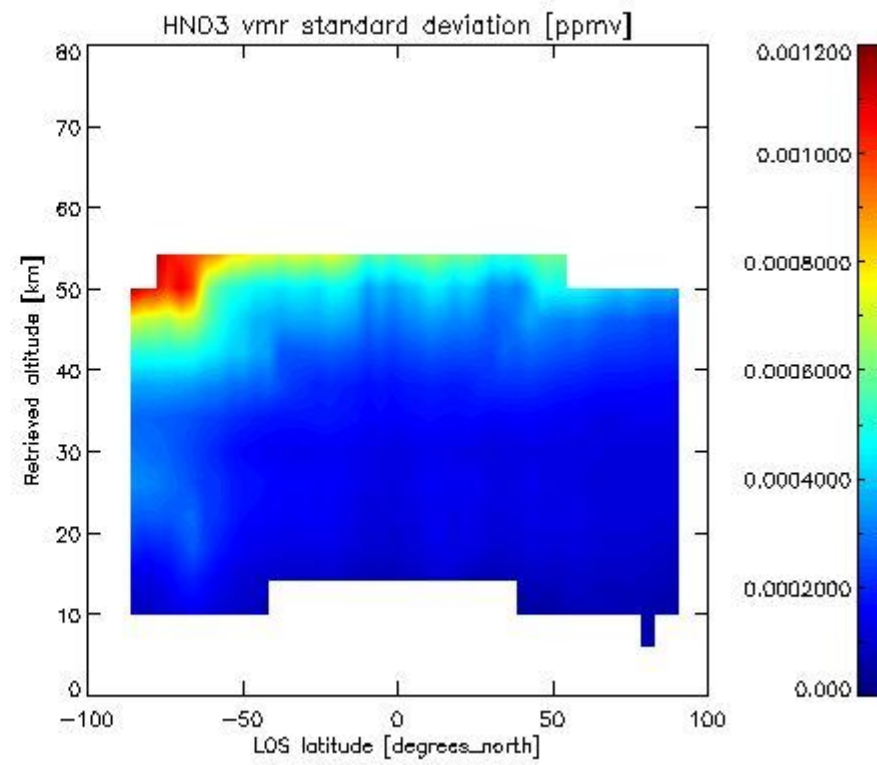
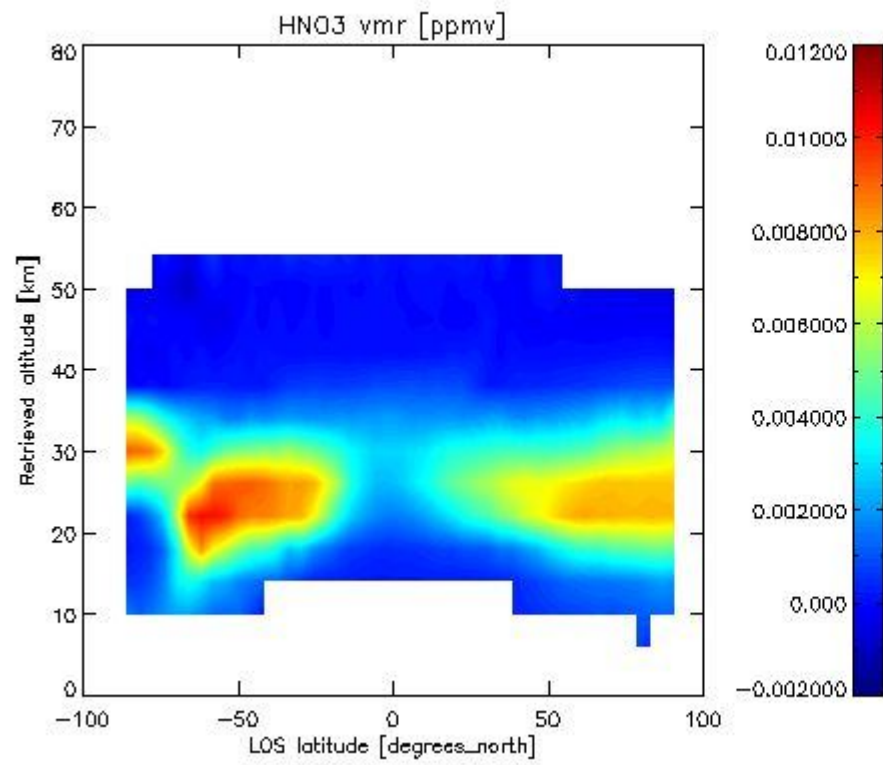
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



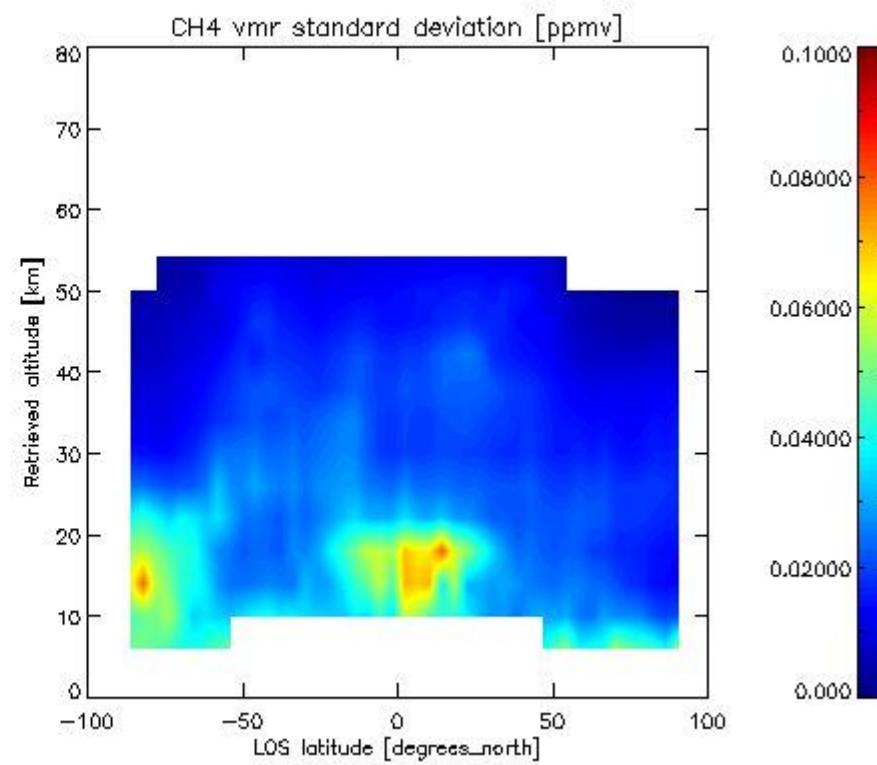
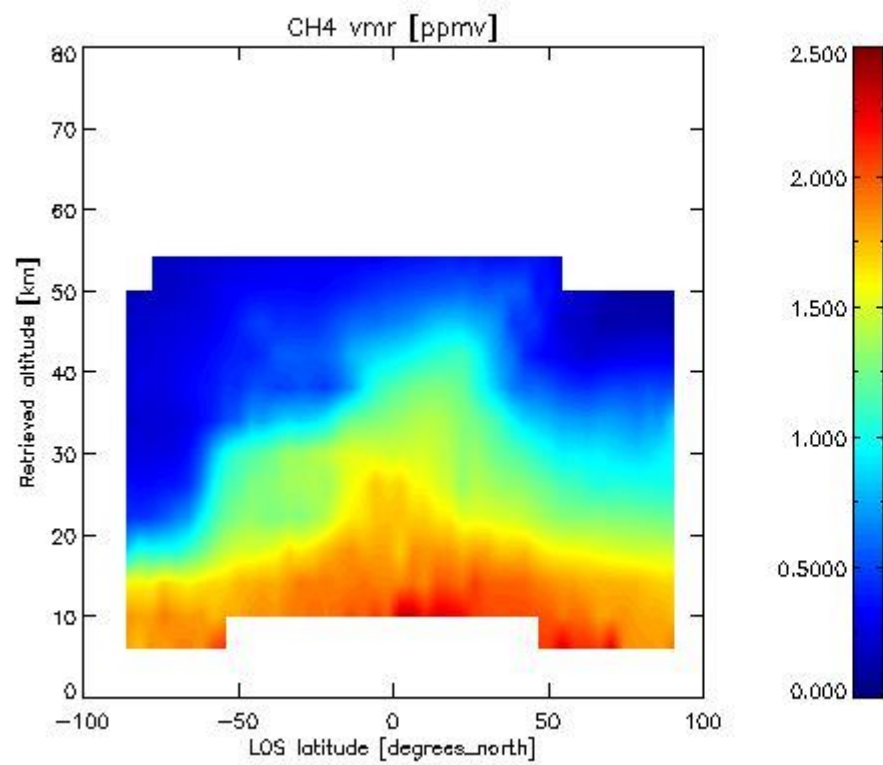
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



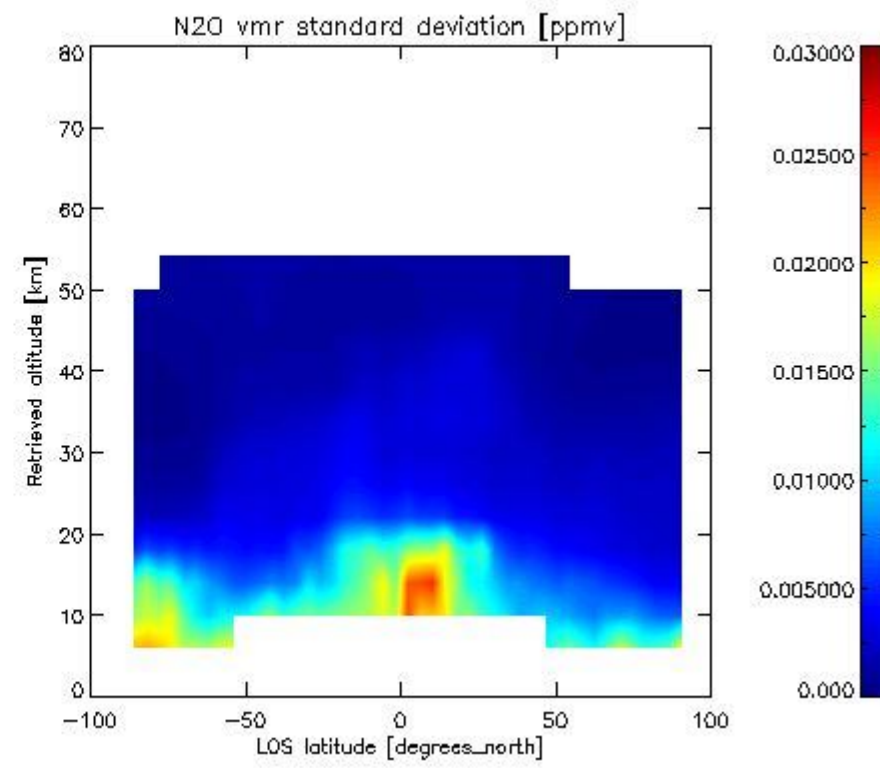
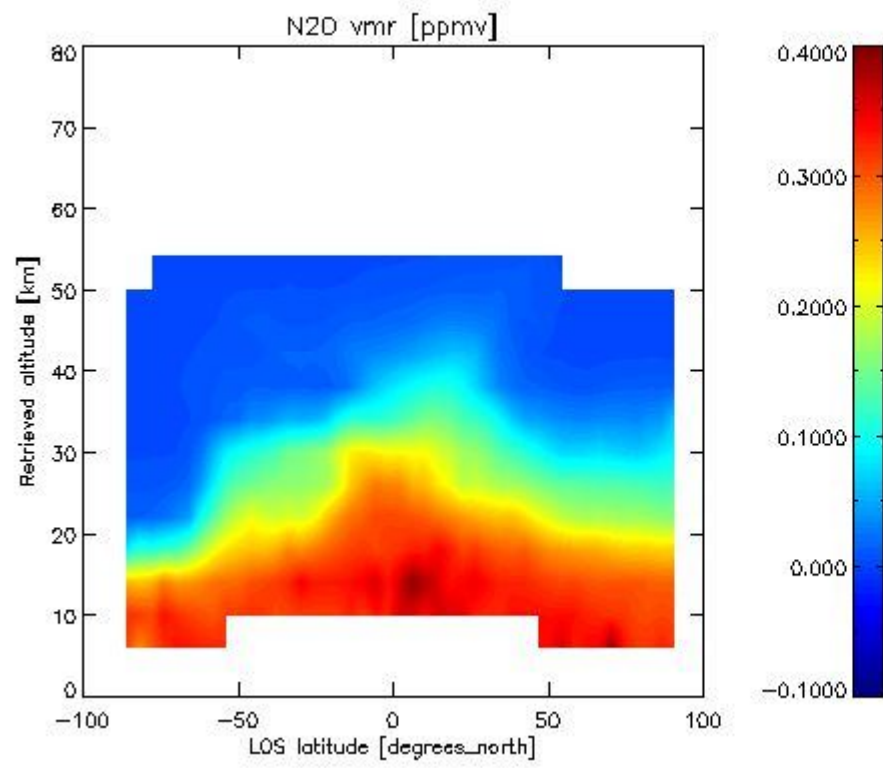
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



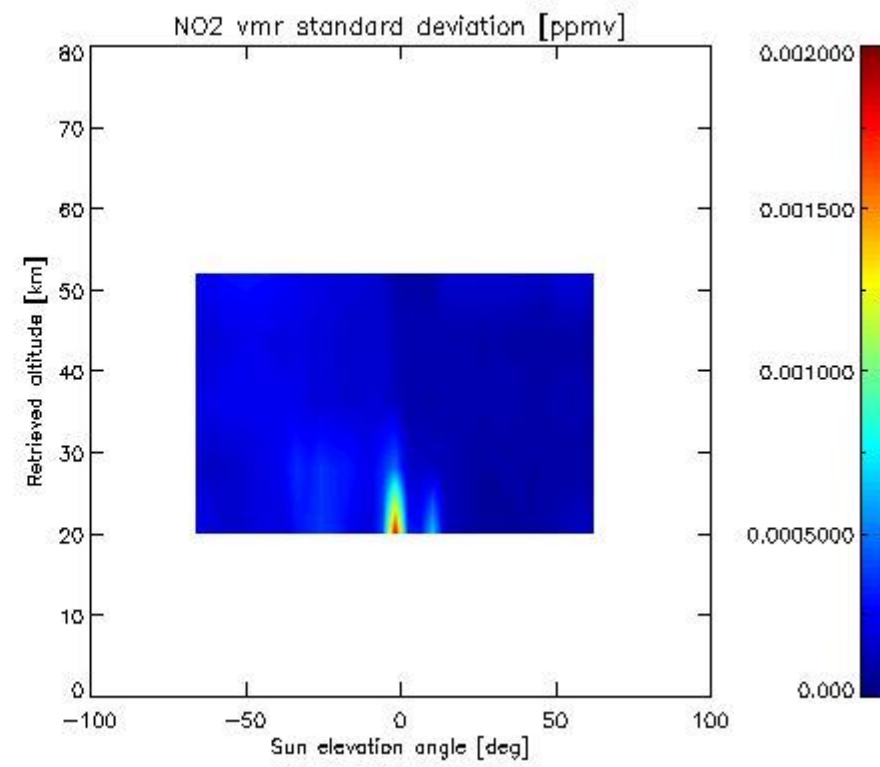
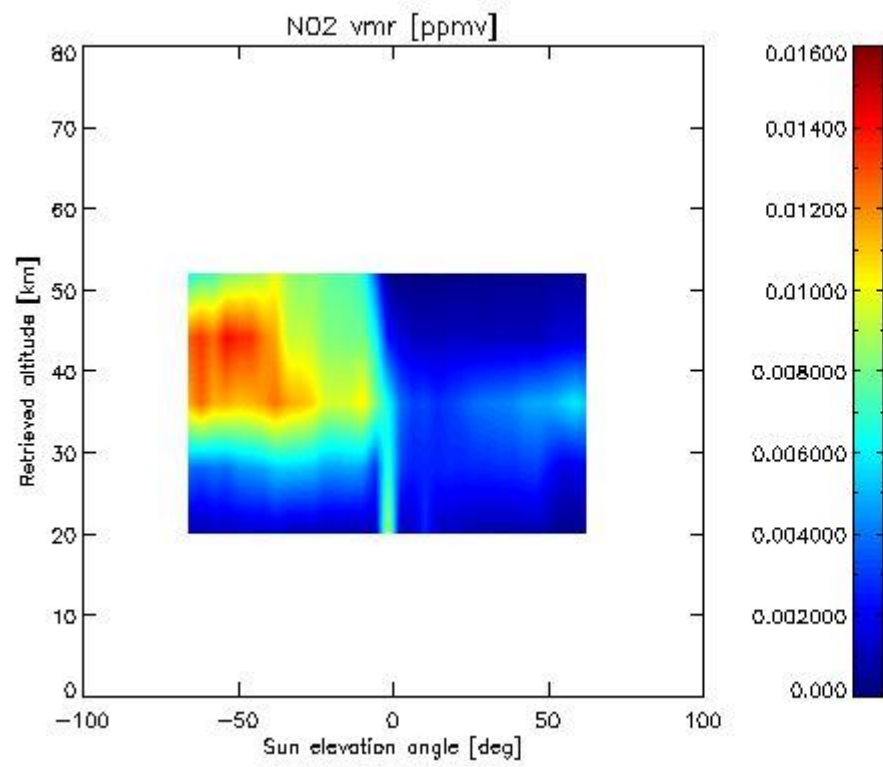
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



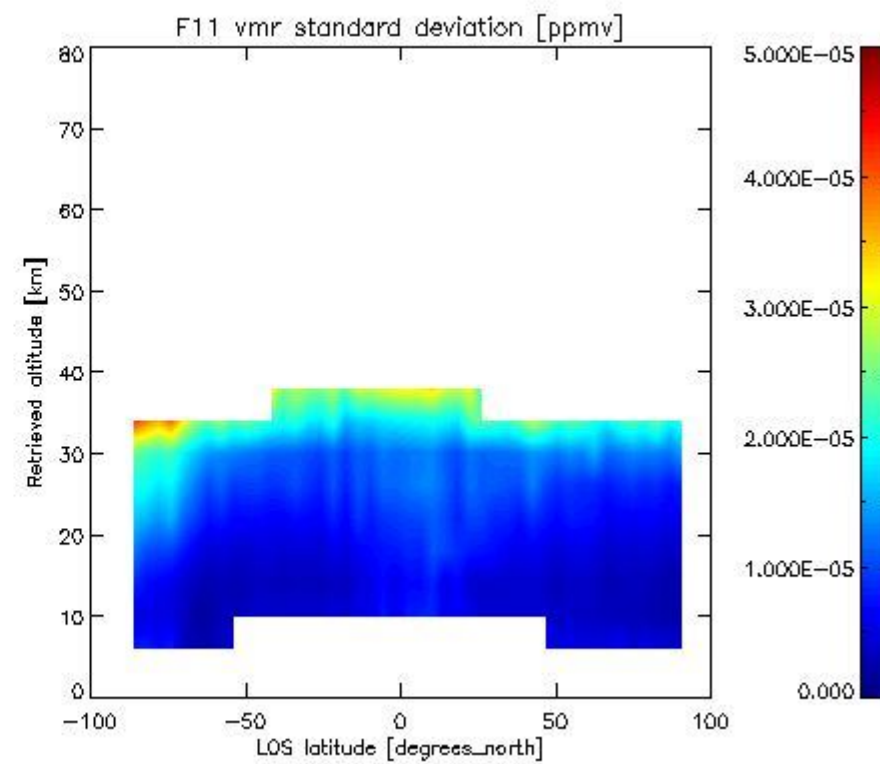
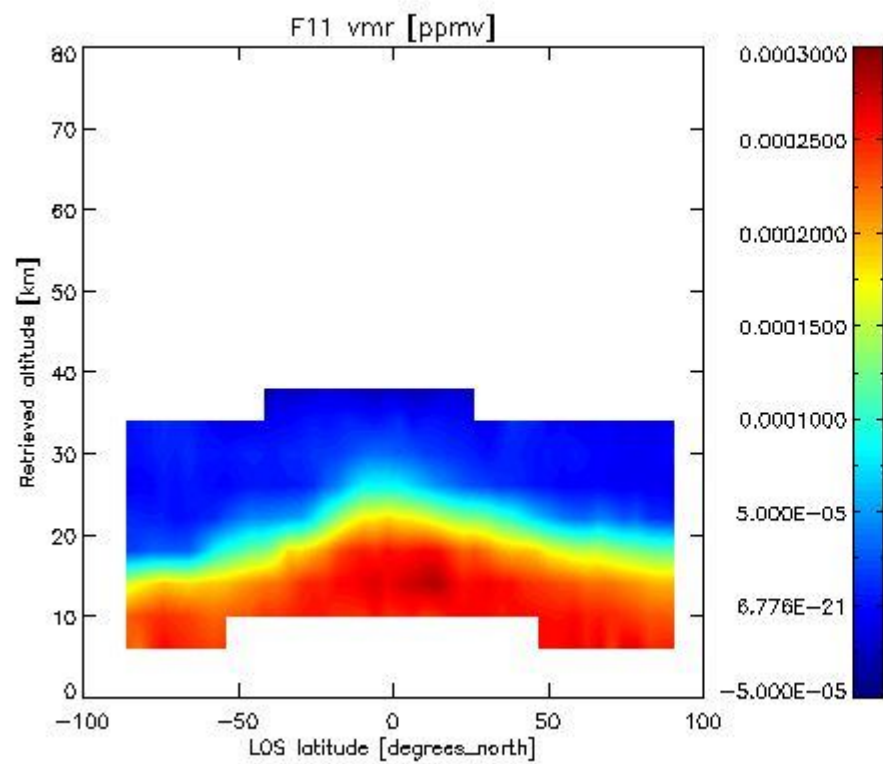
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



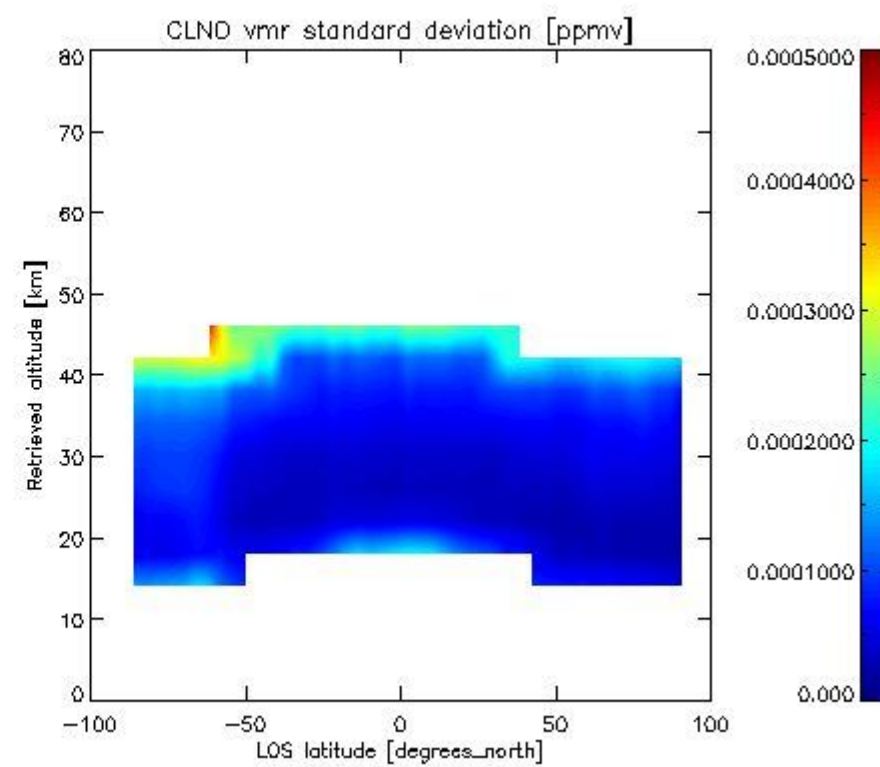
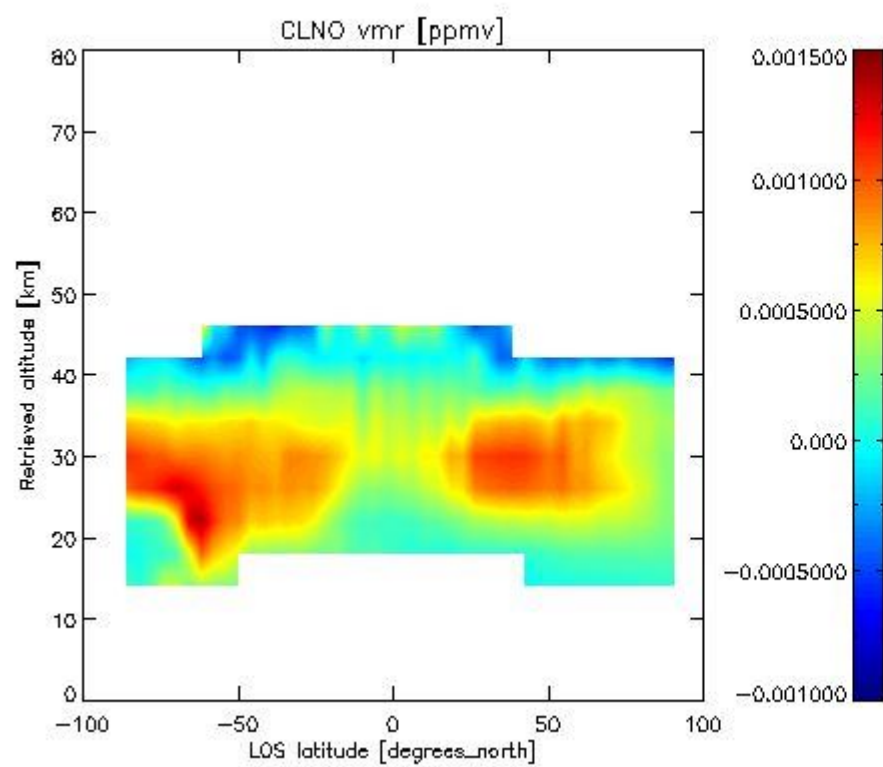
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

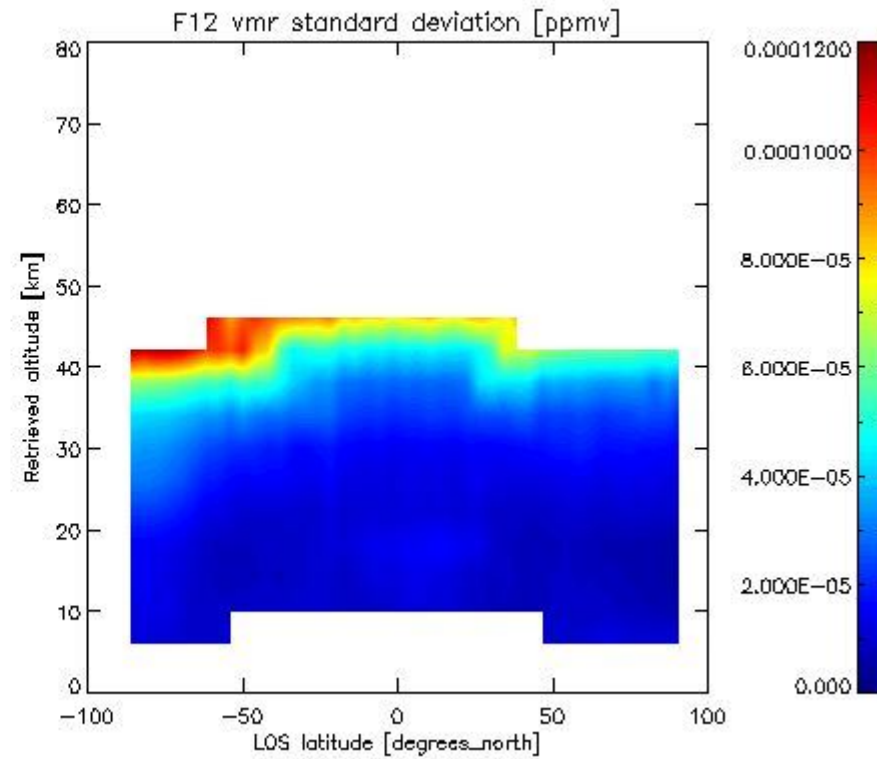
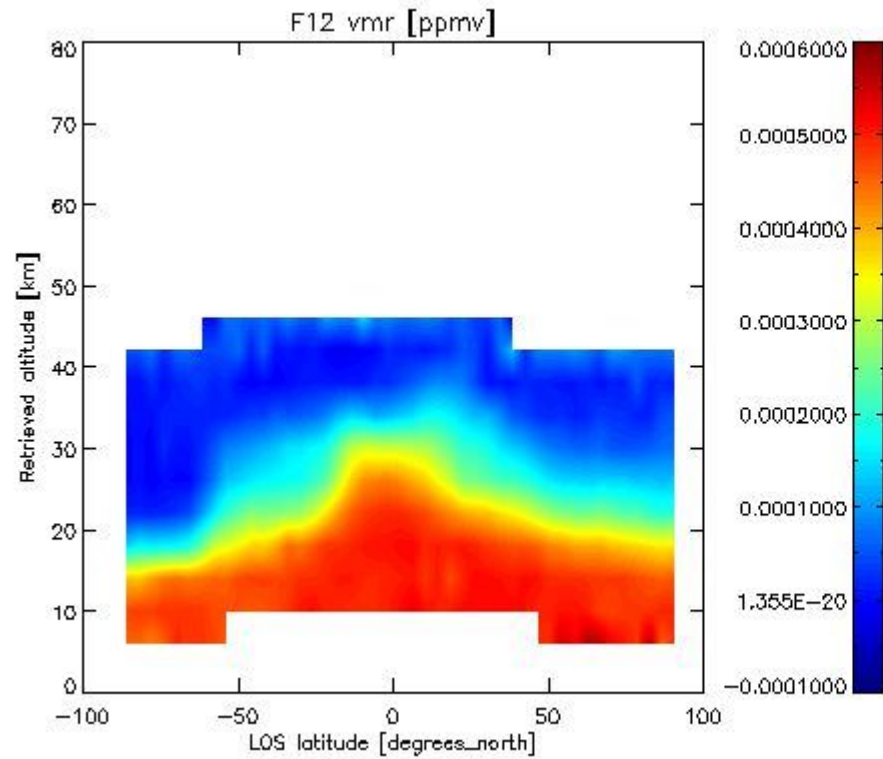
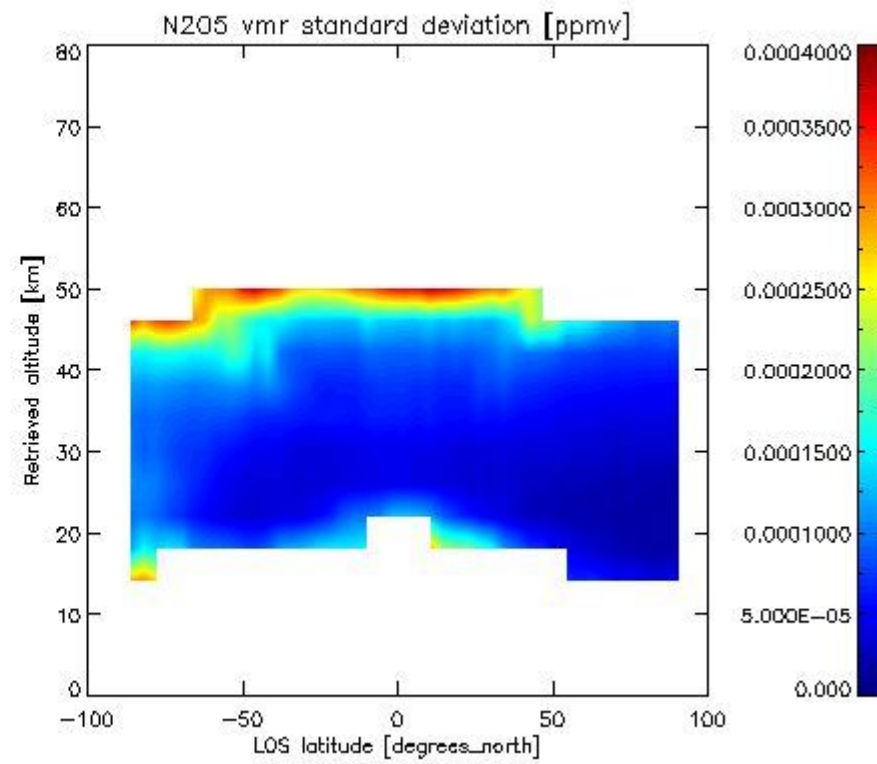
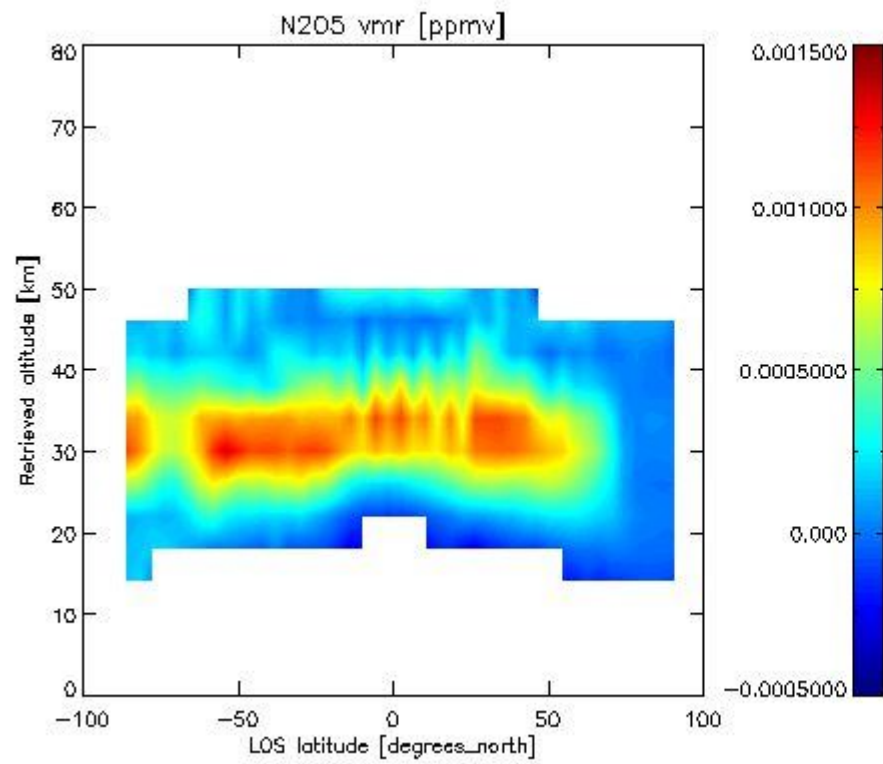


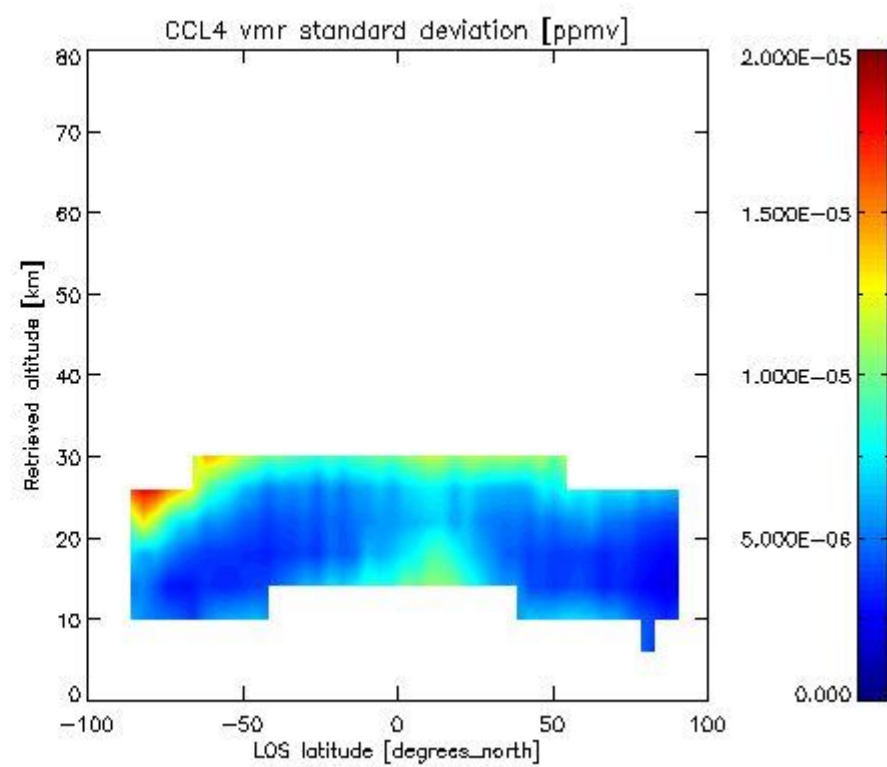
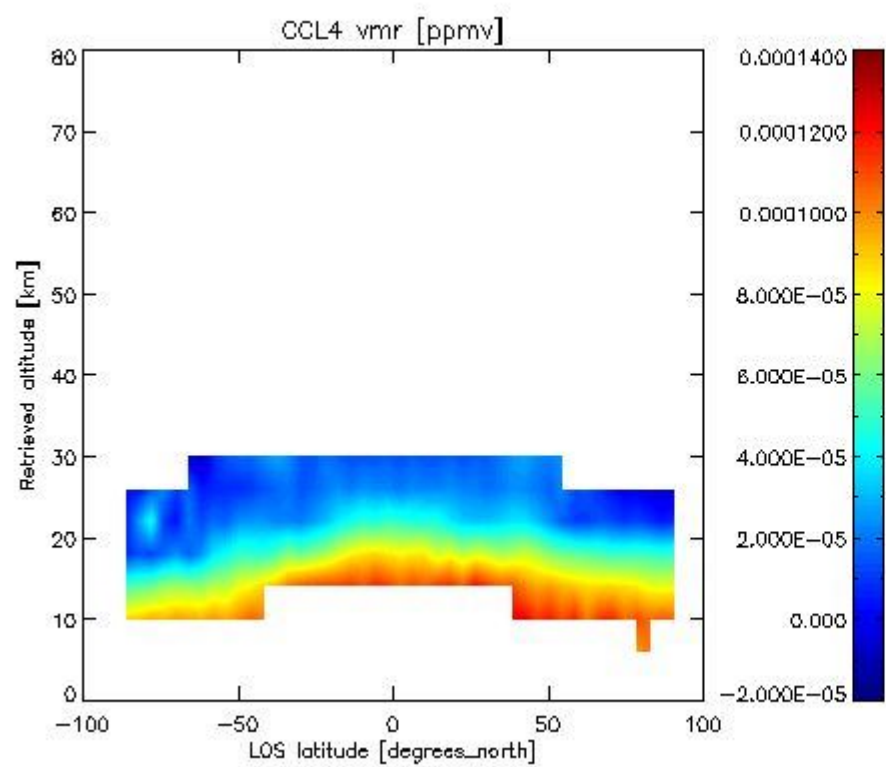
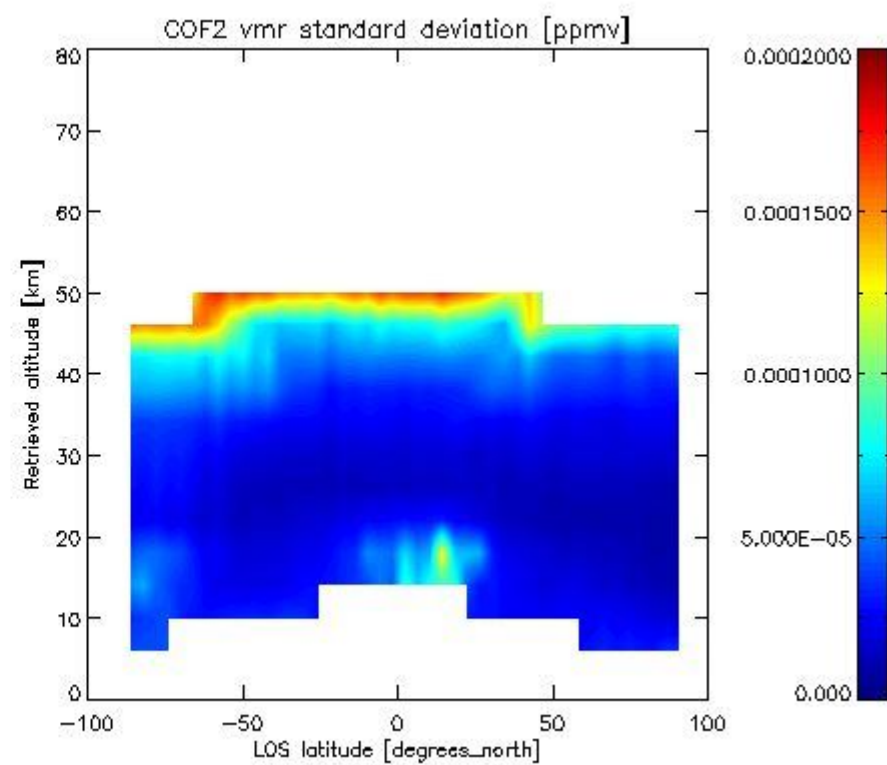
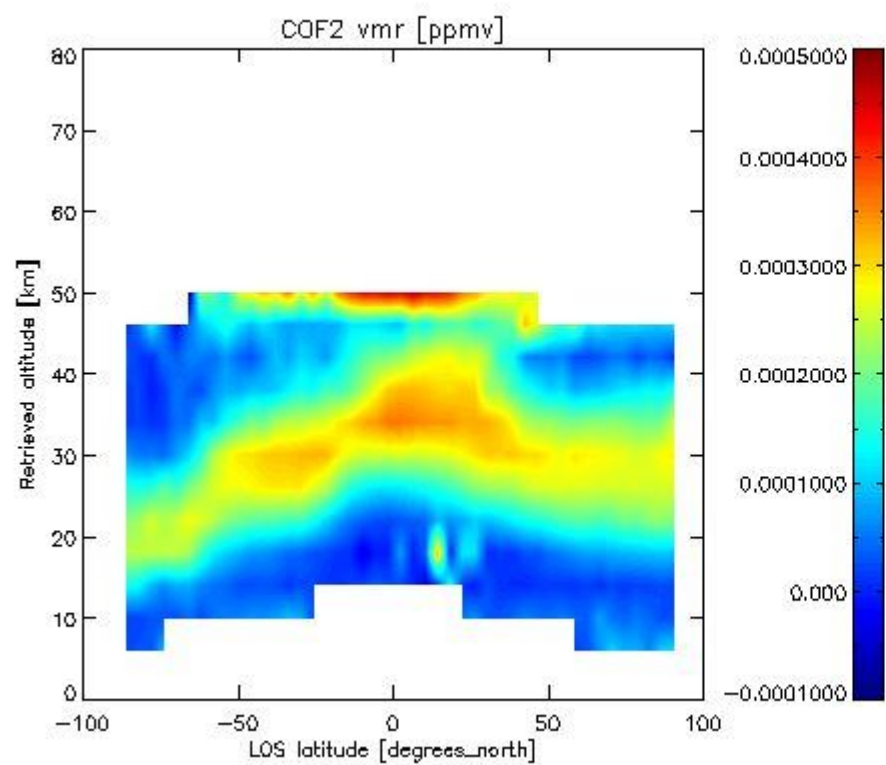
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

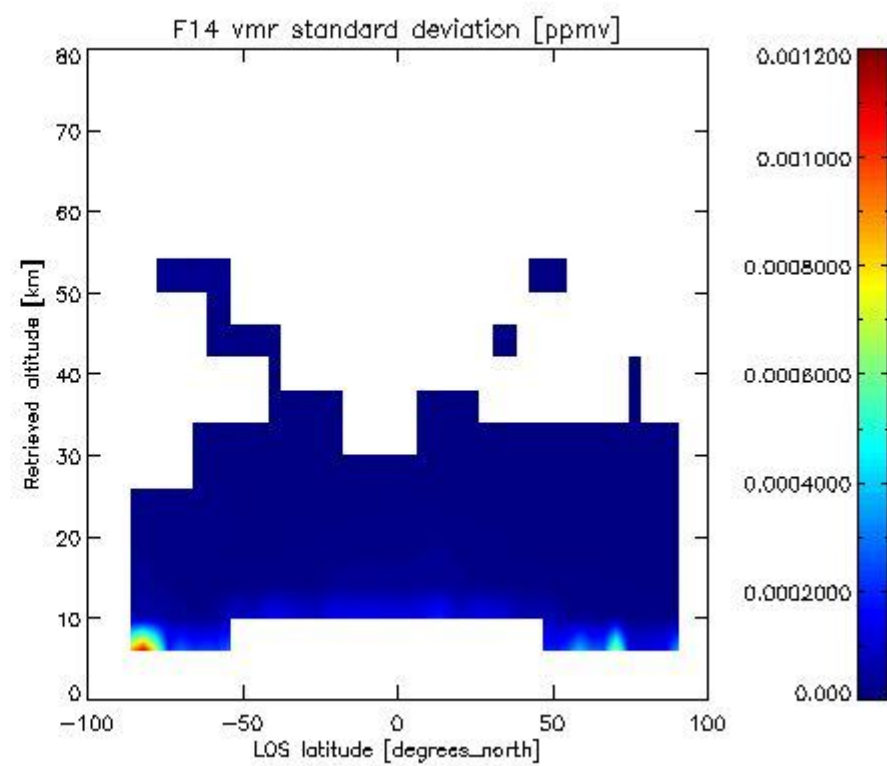
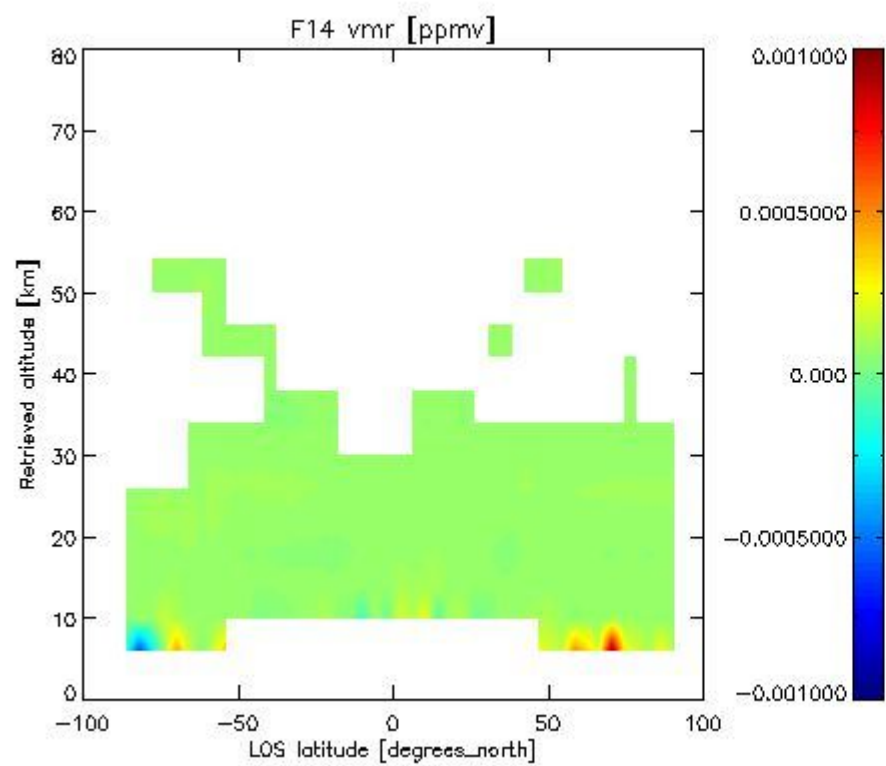
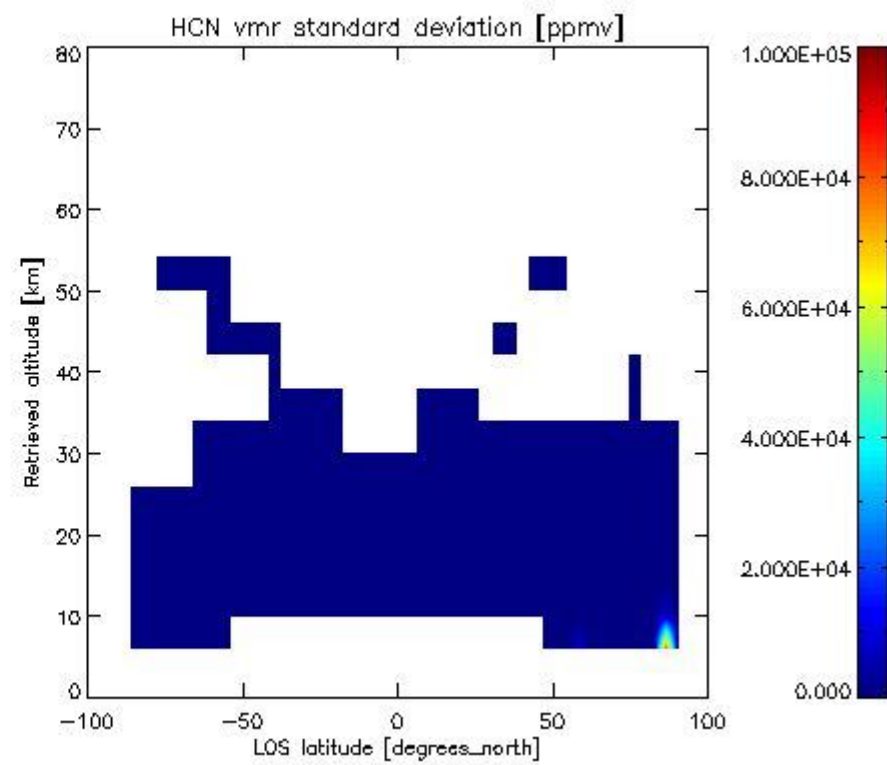
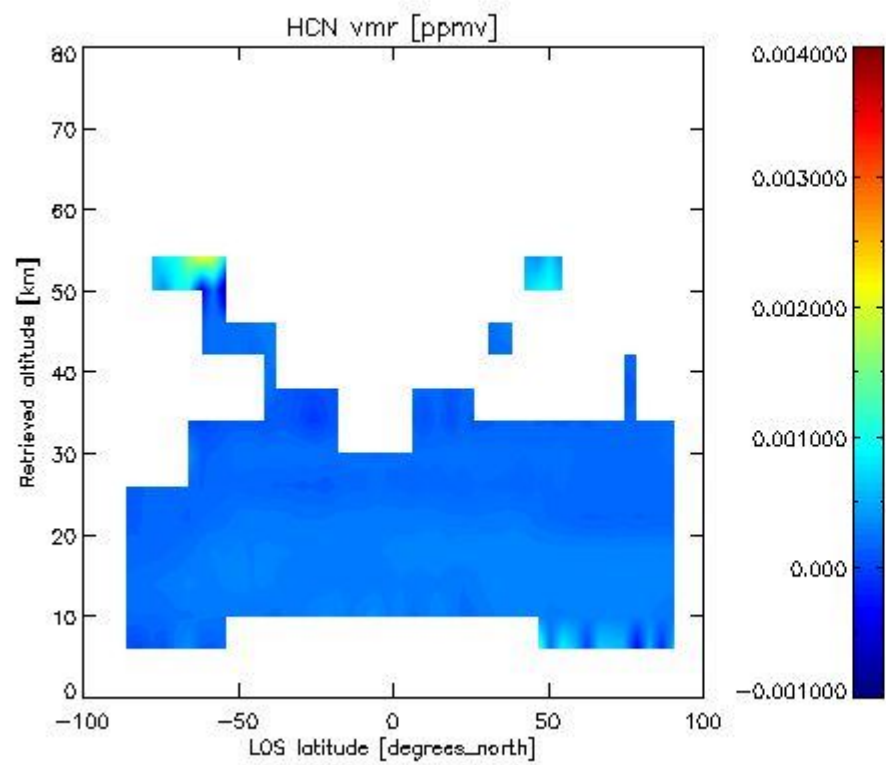


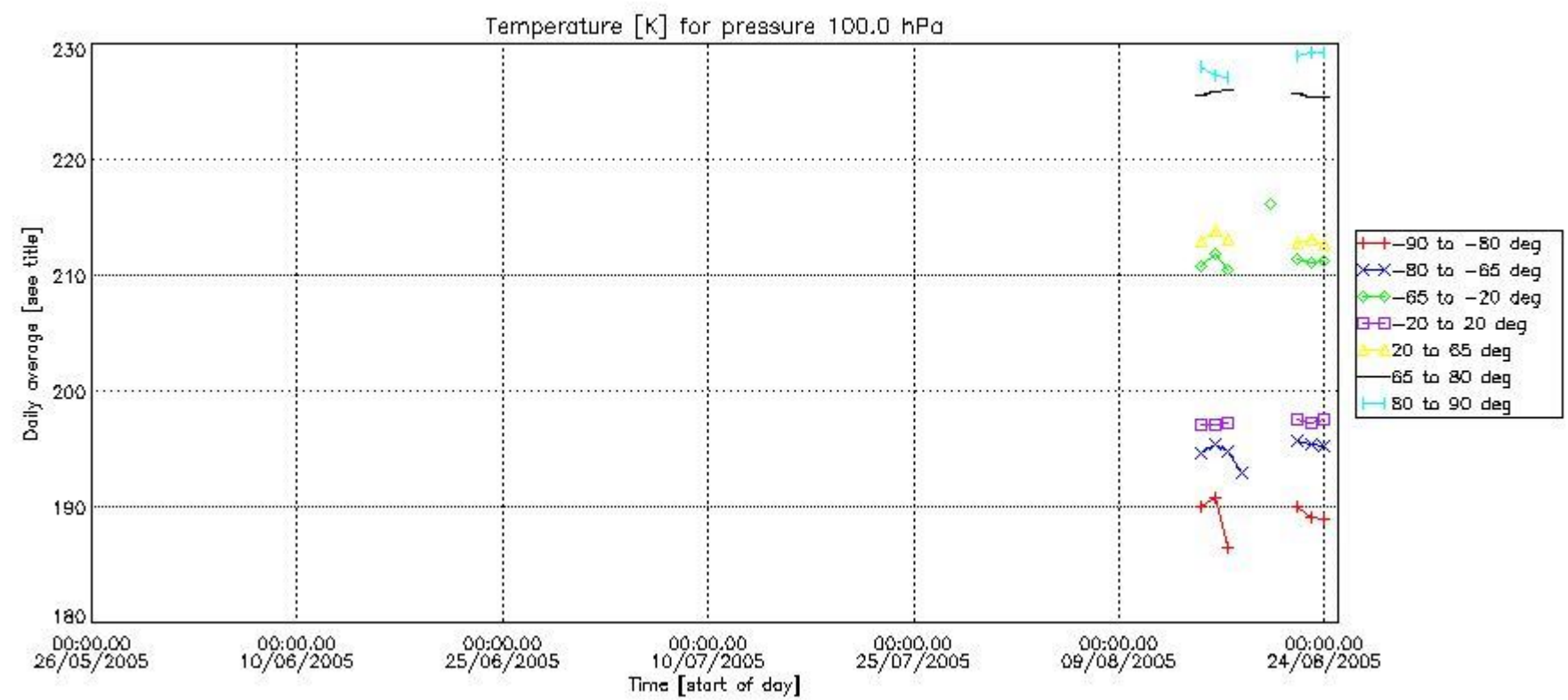
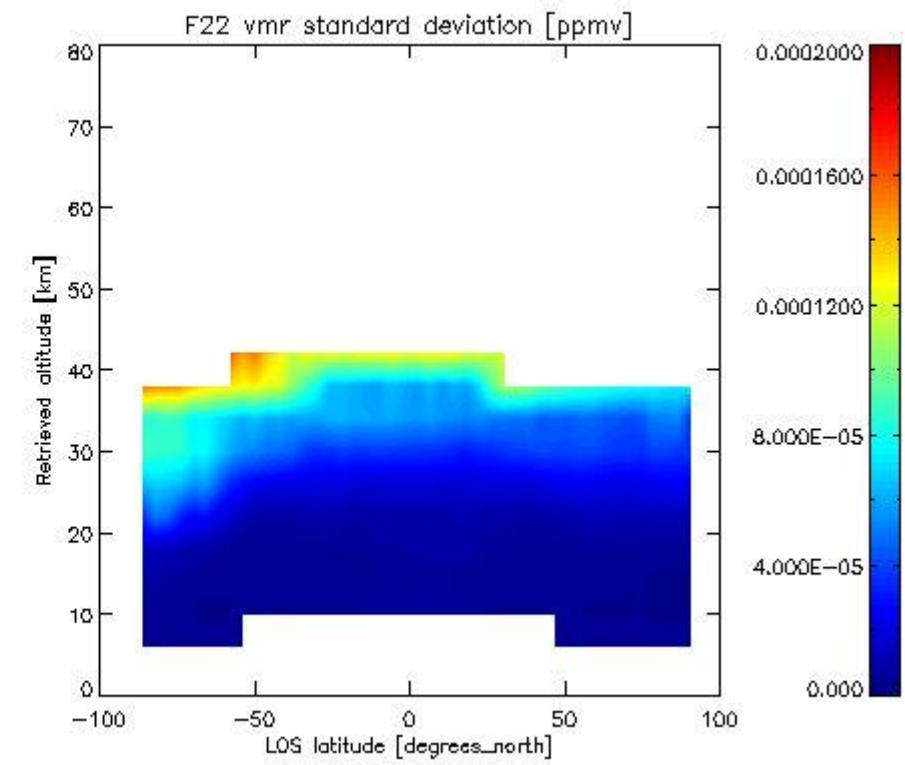
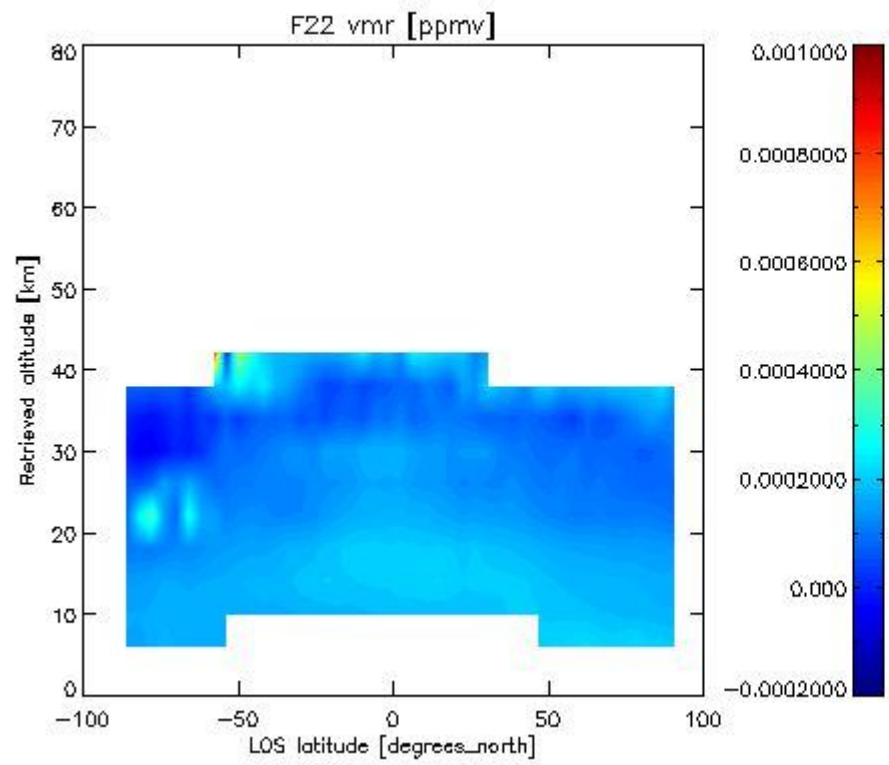
2.3.4.4 CLNO overview: This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

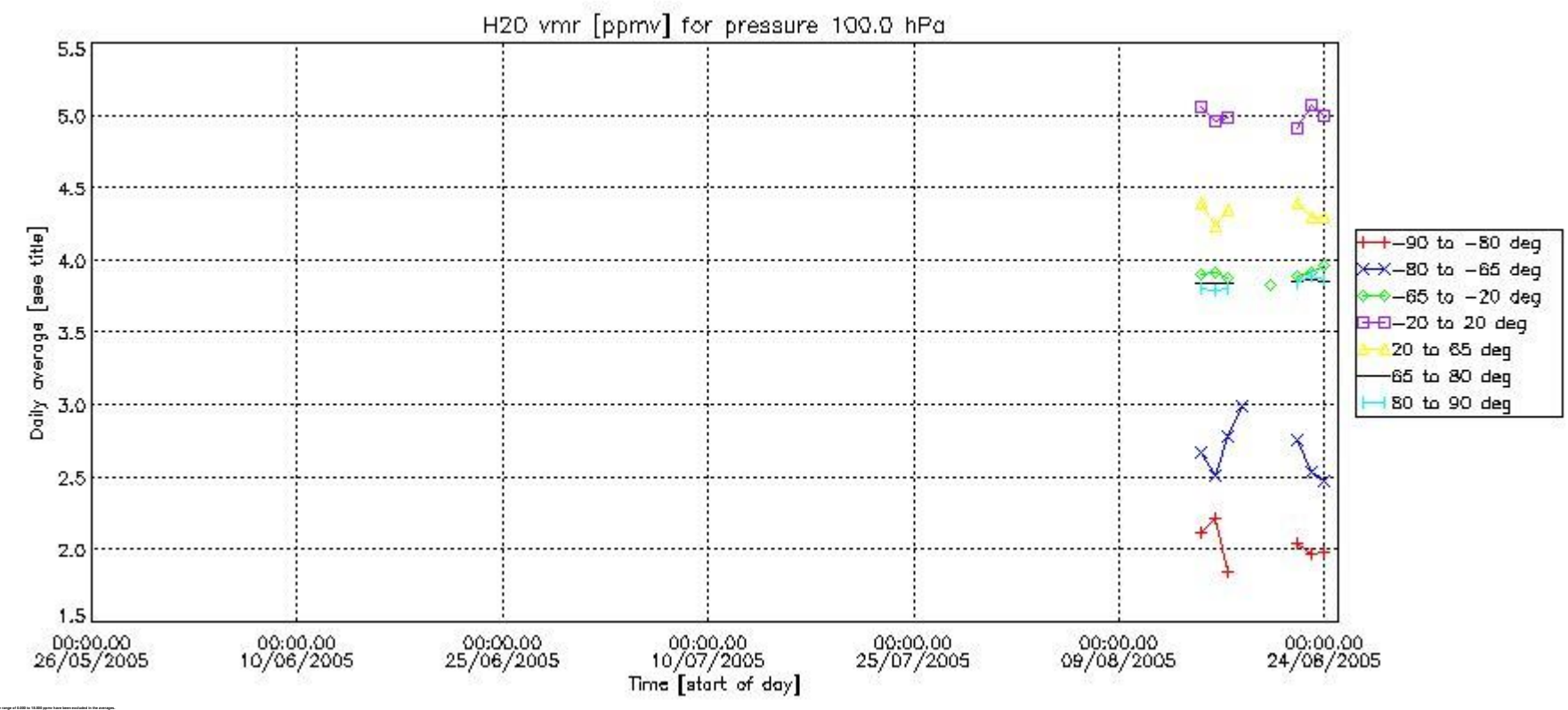
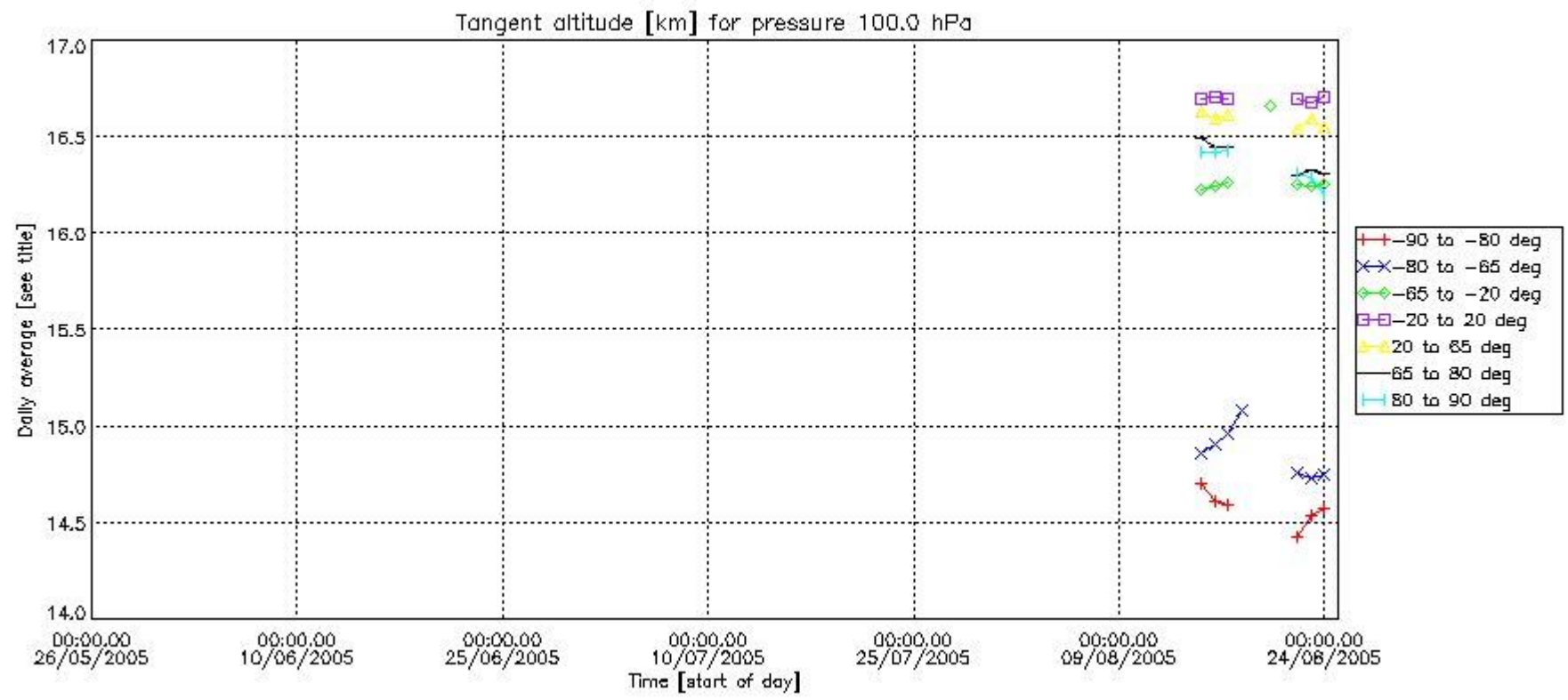


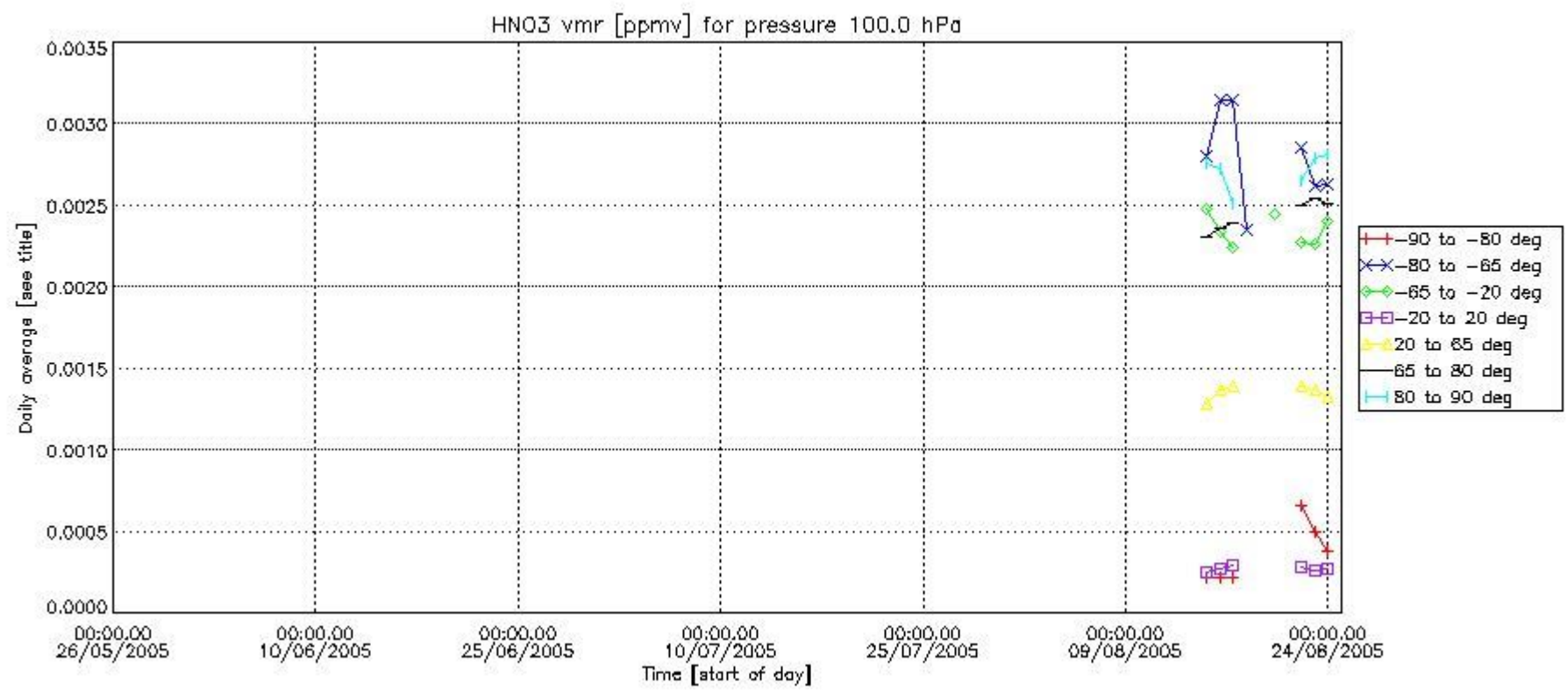
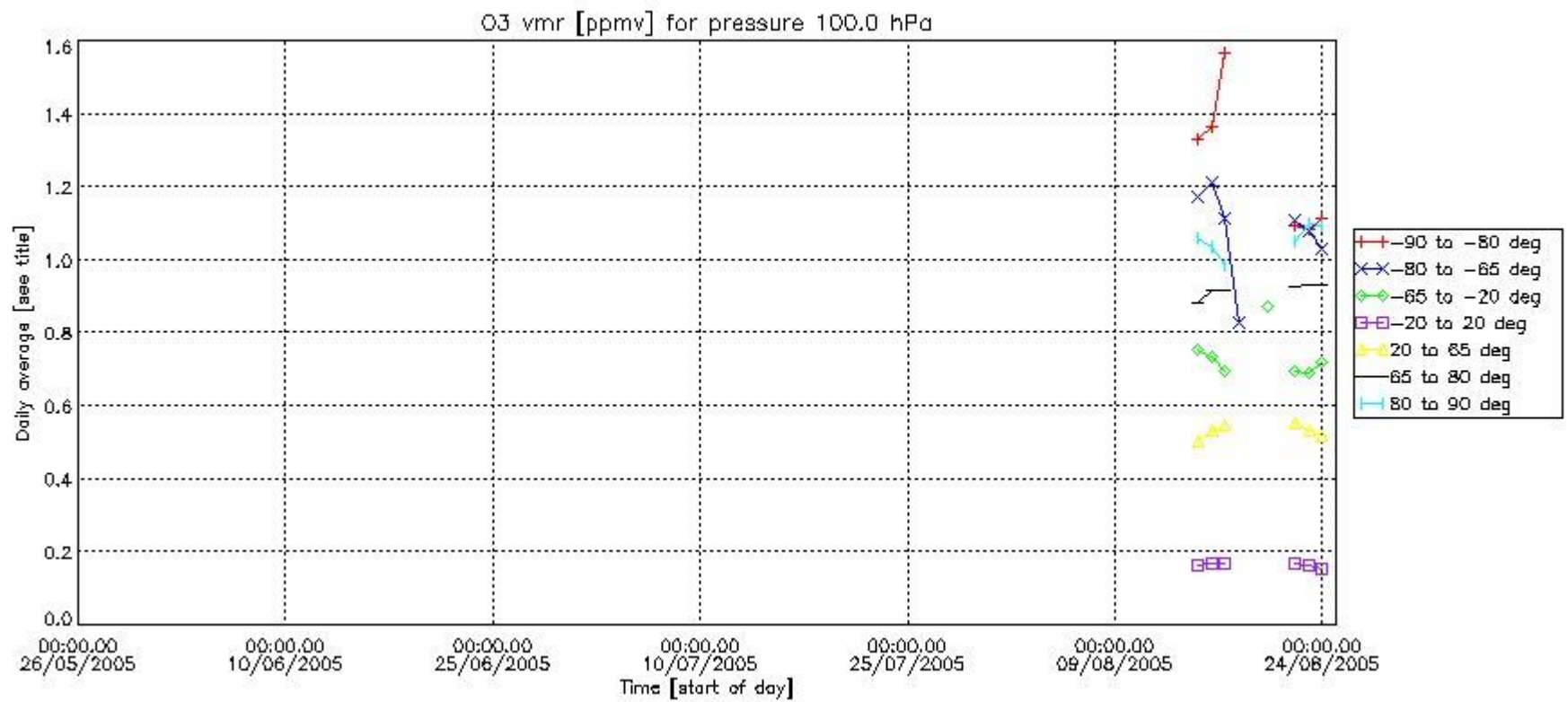


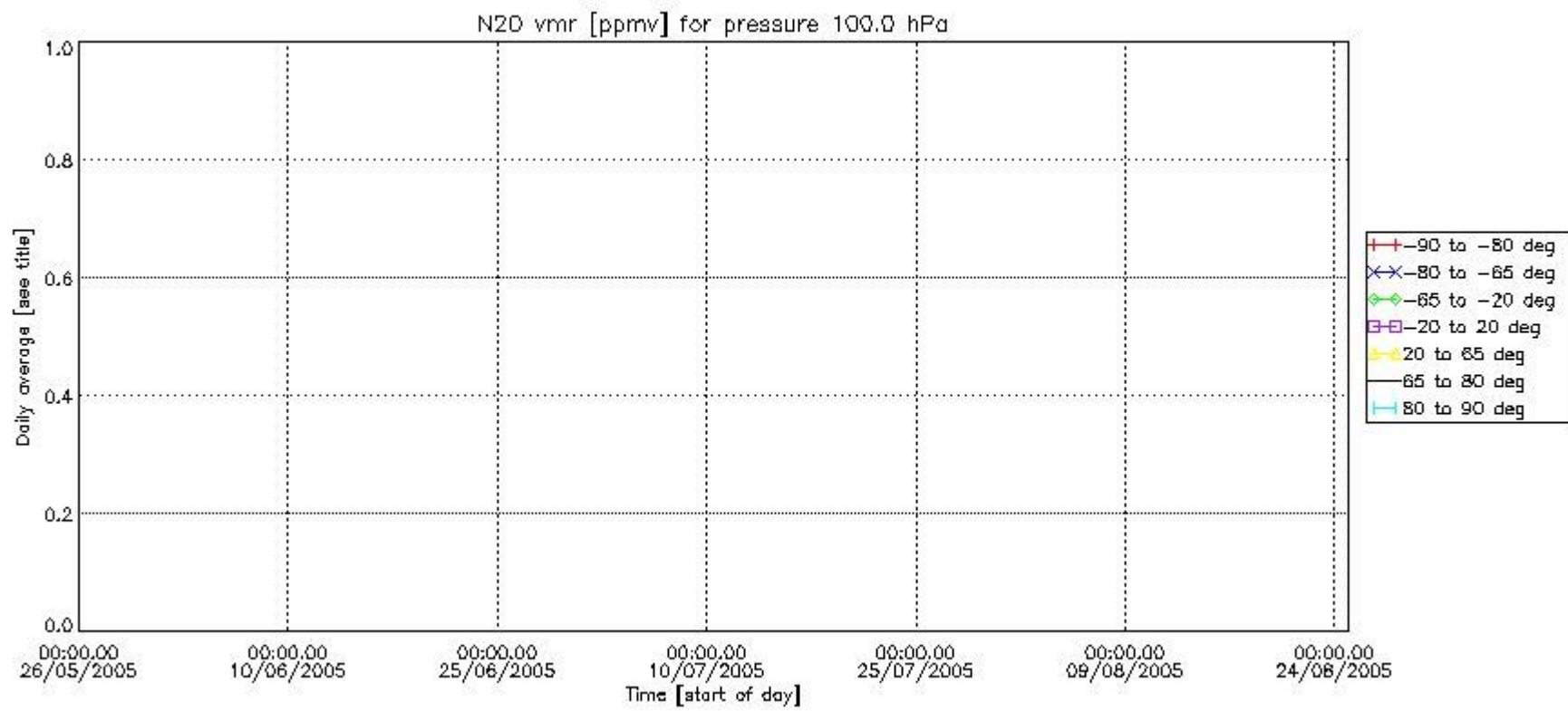
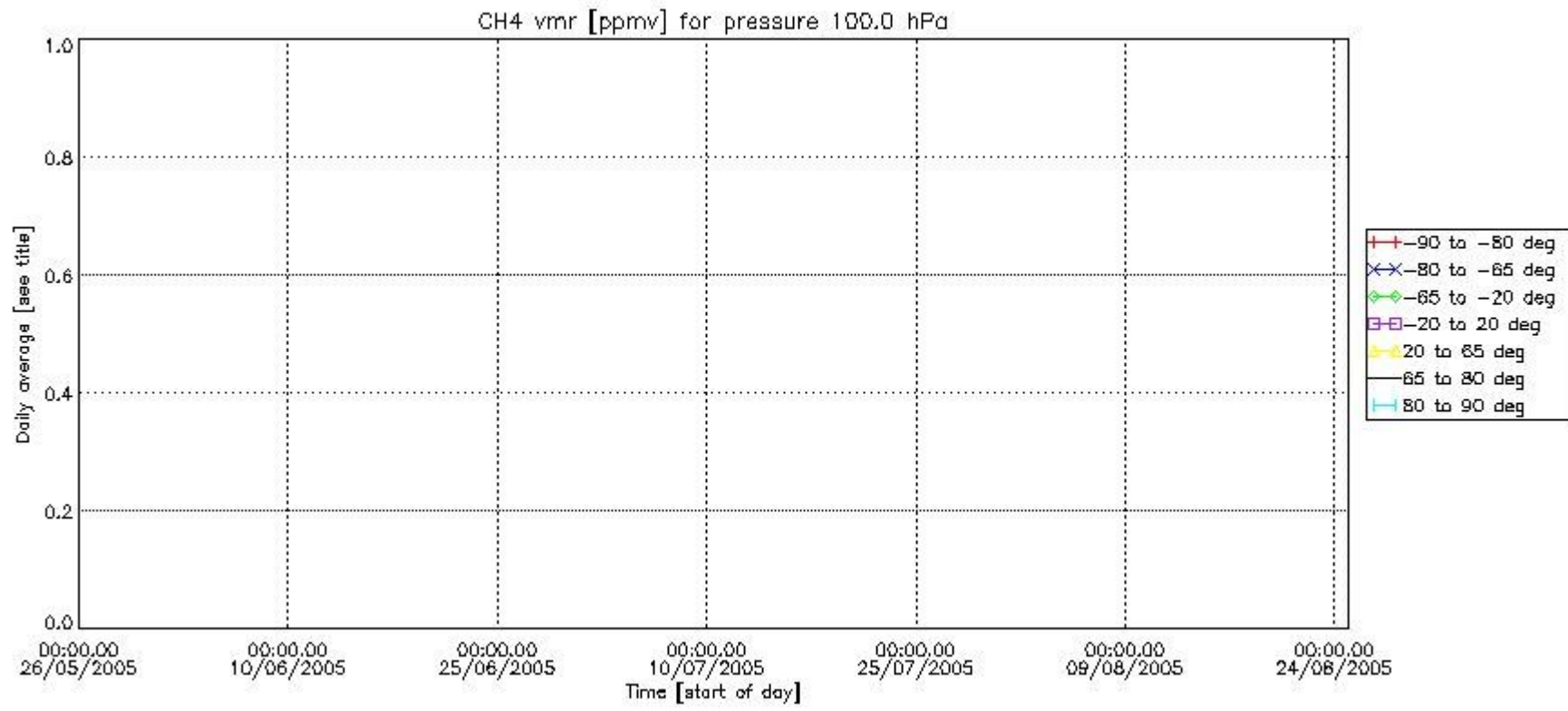


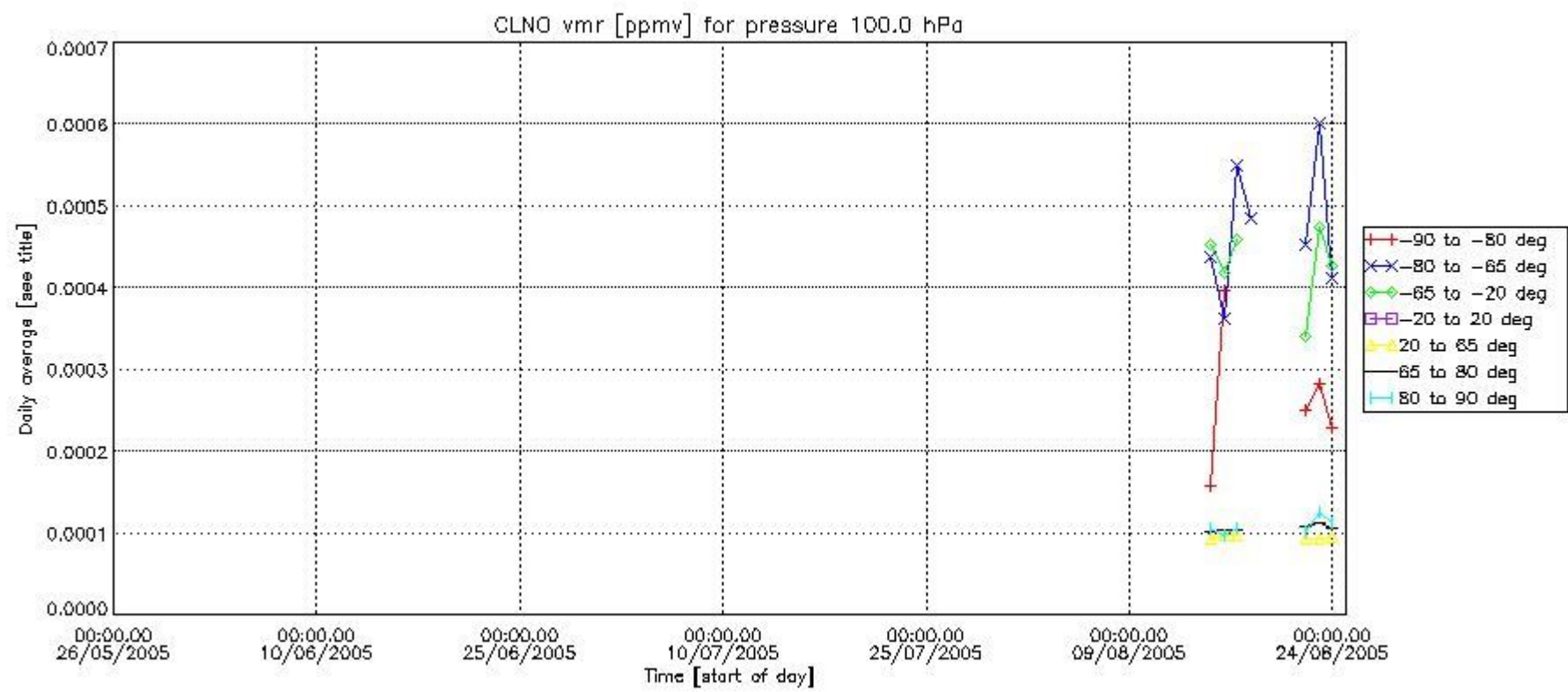
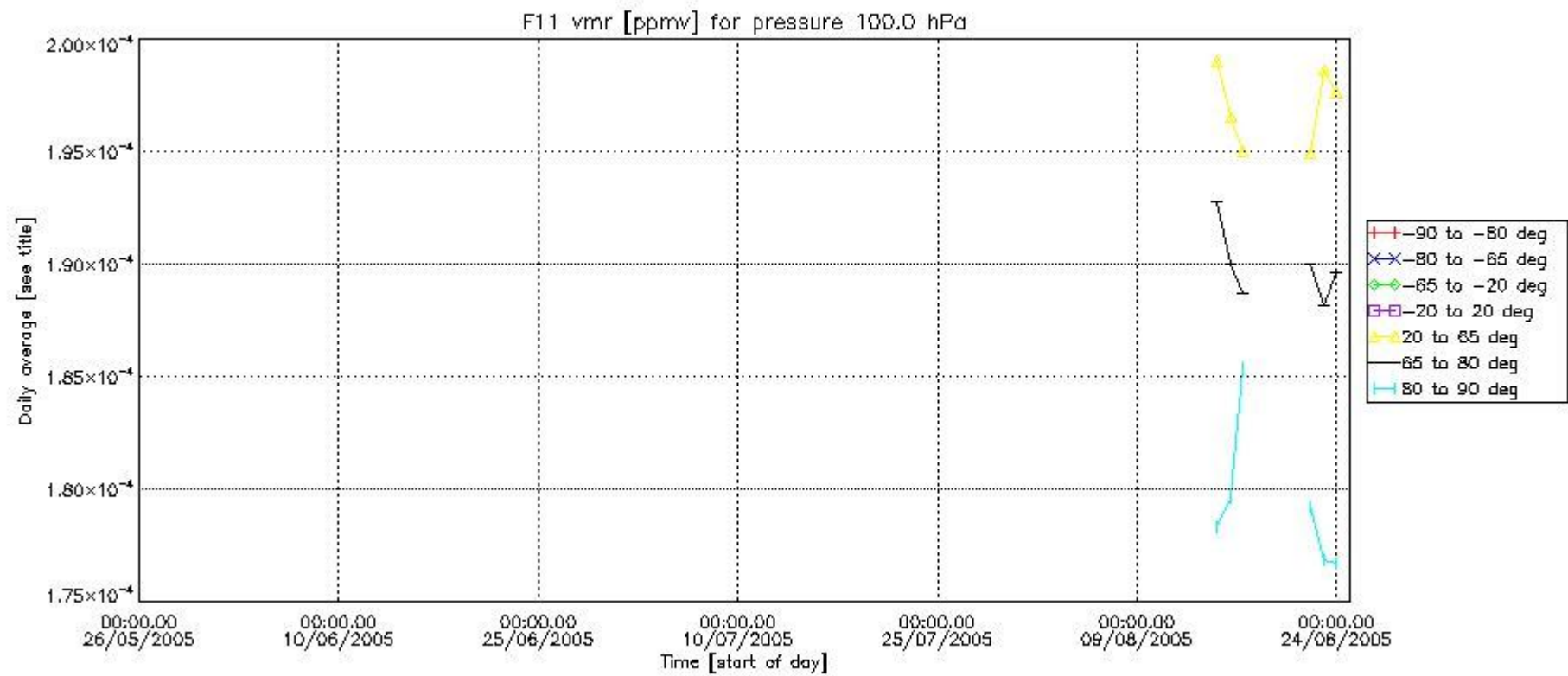


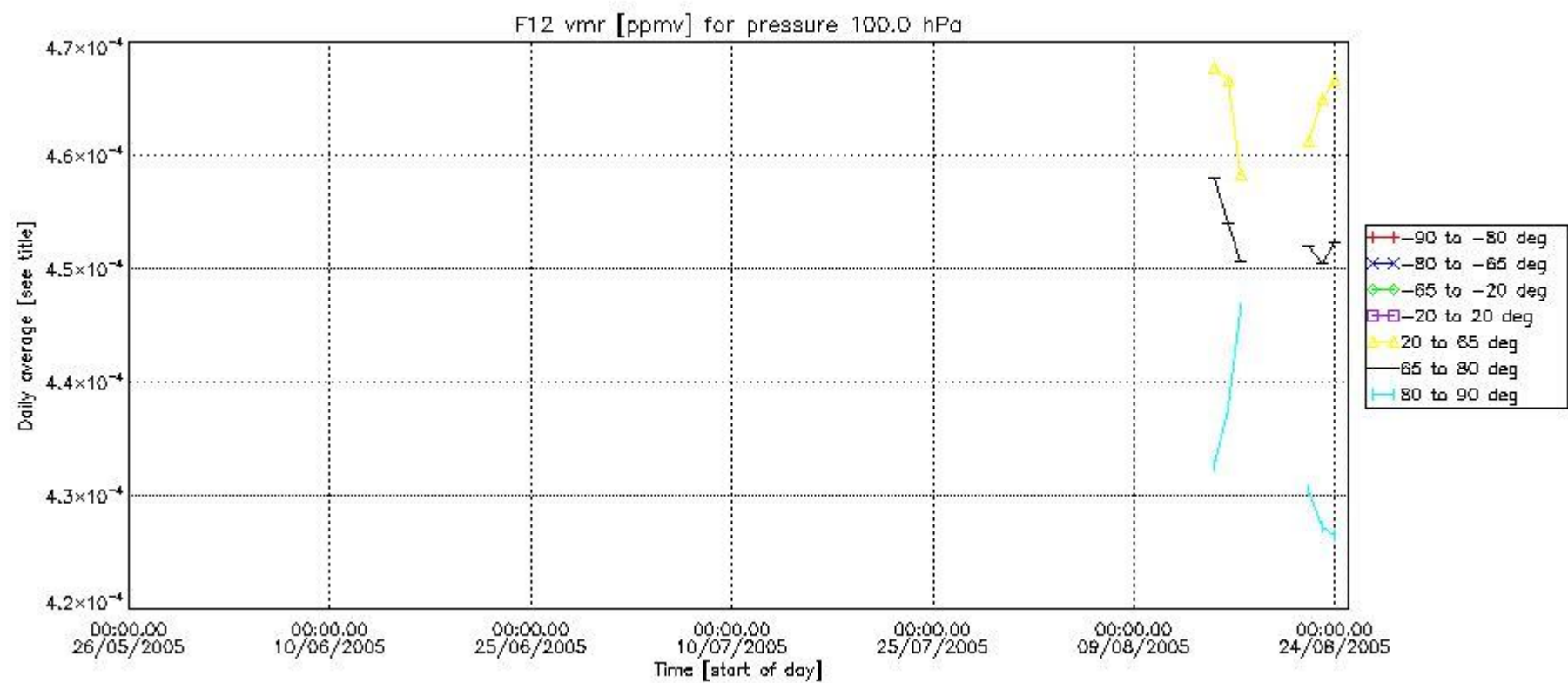
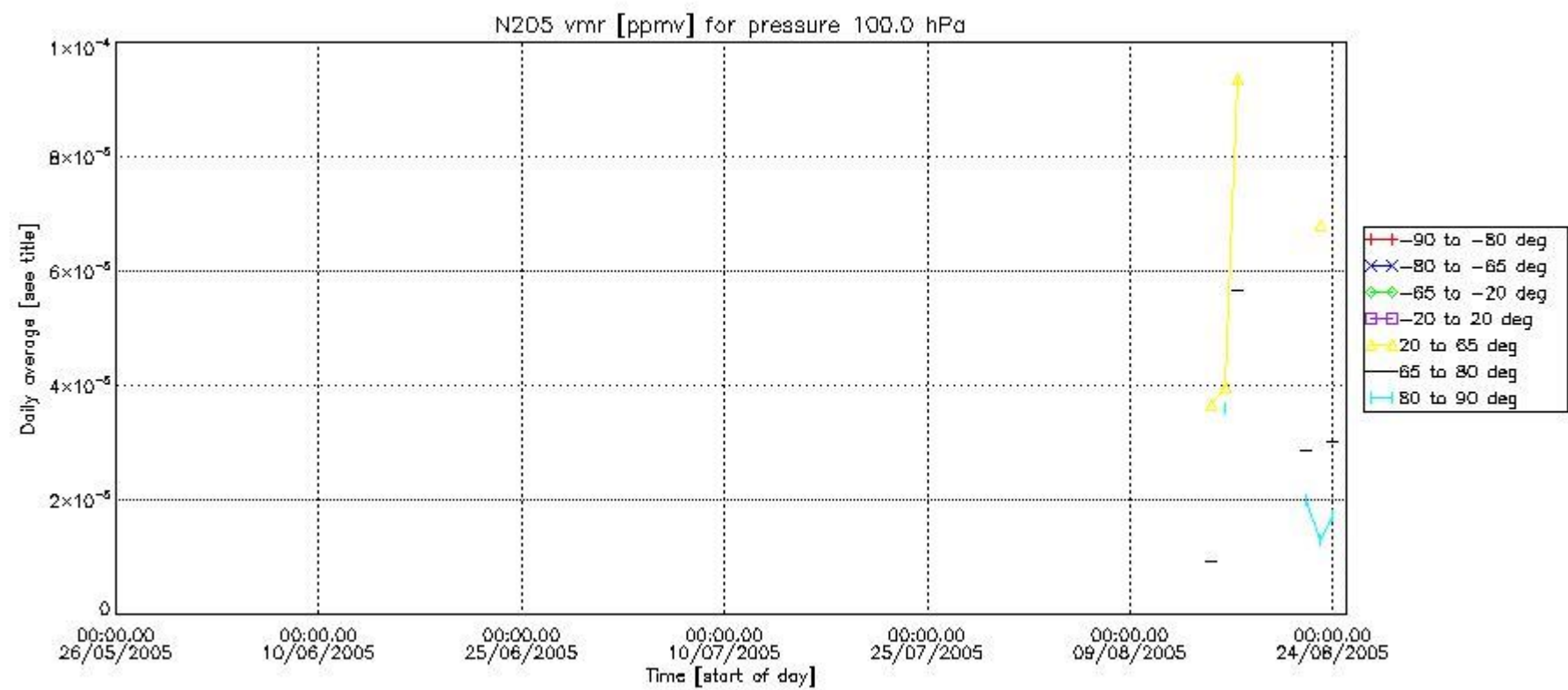


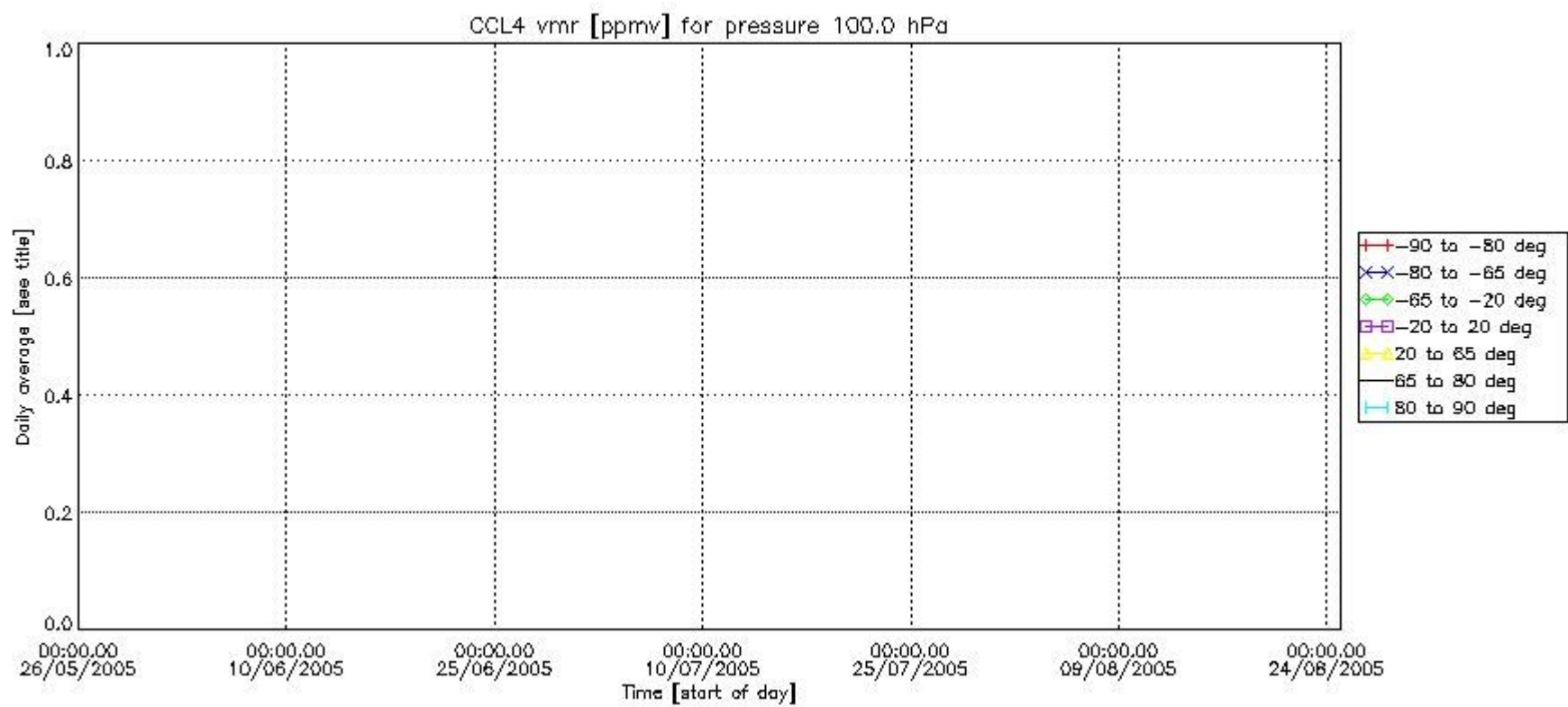
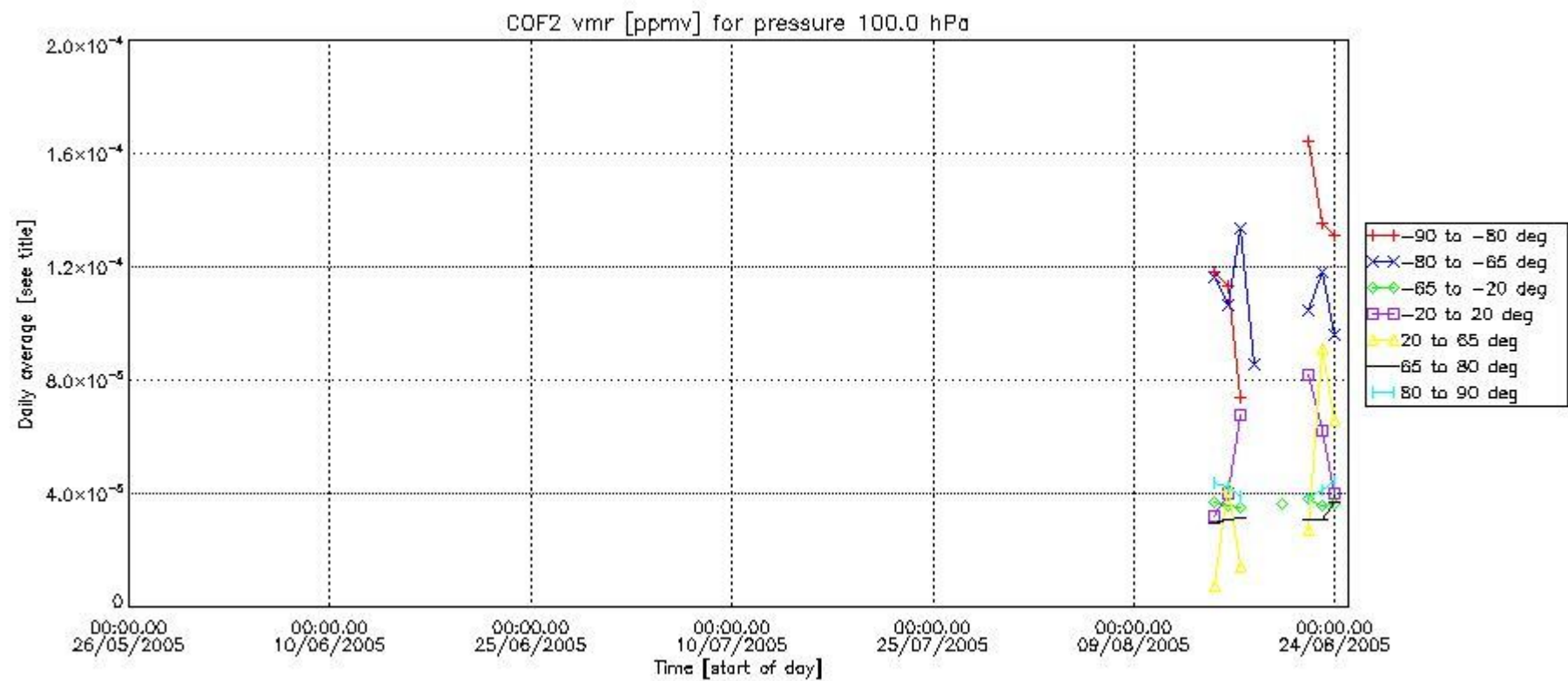


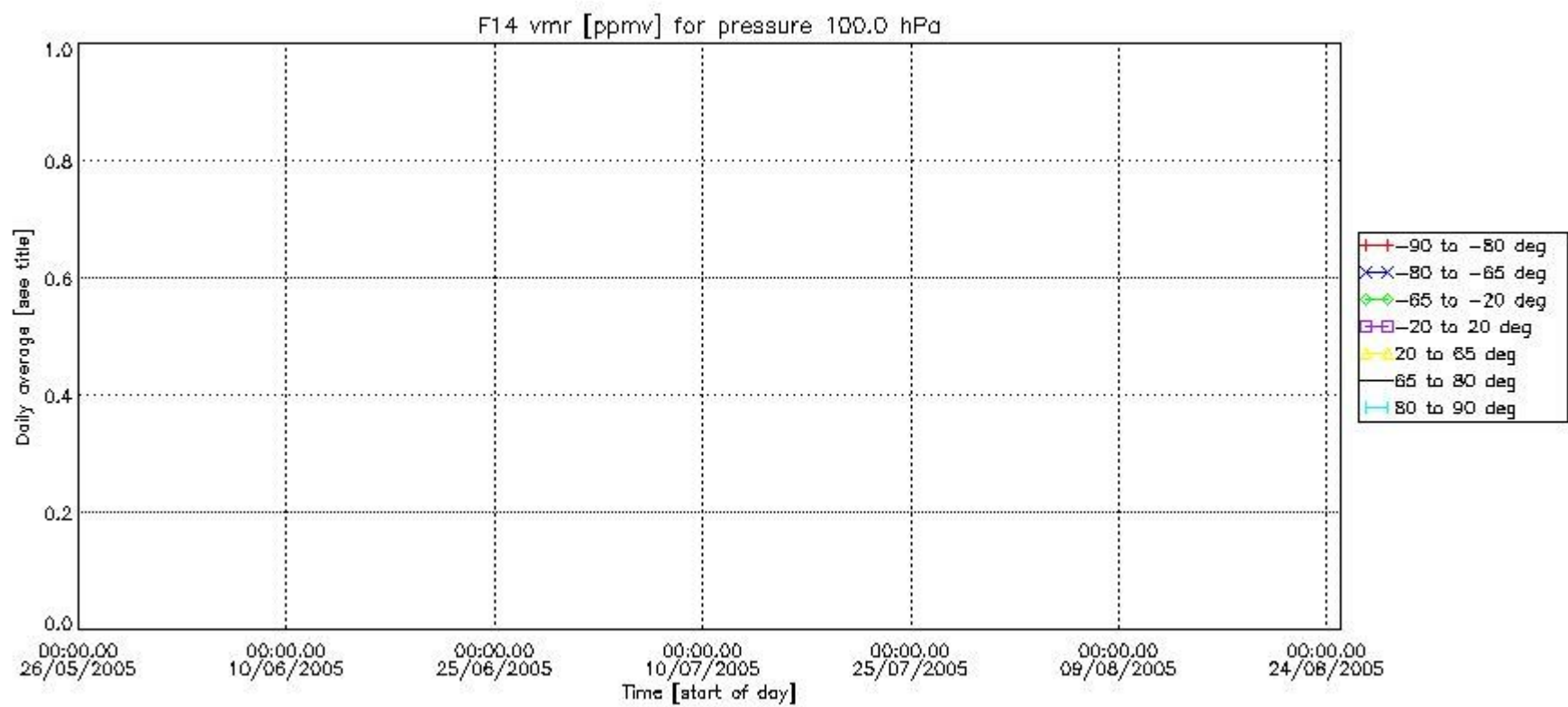
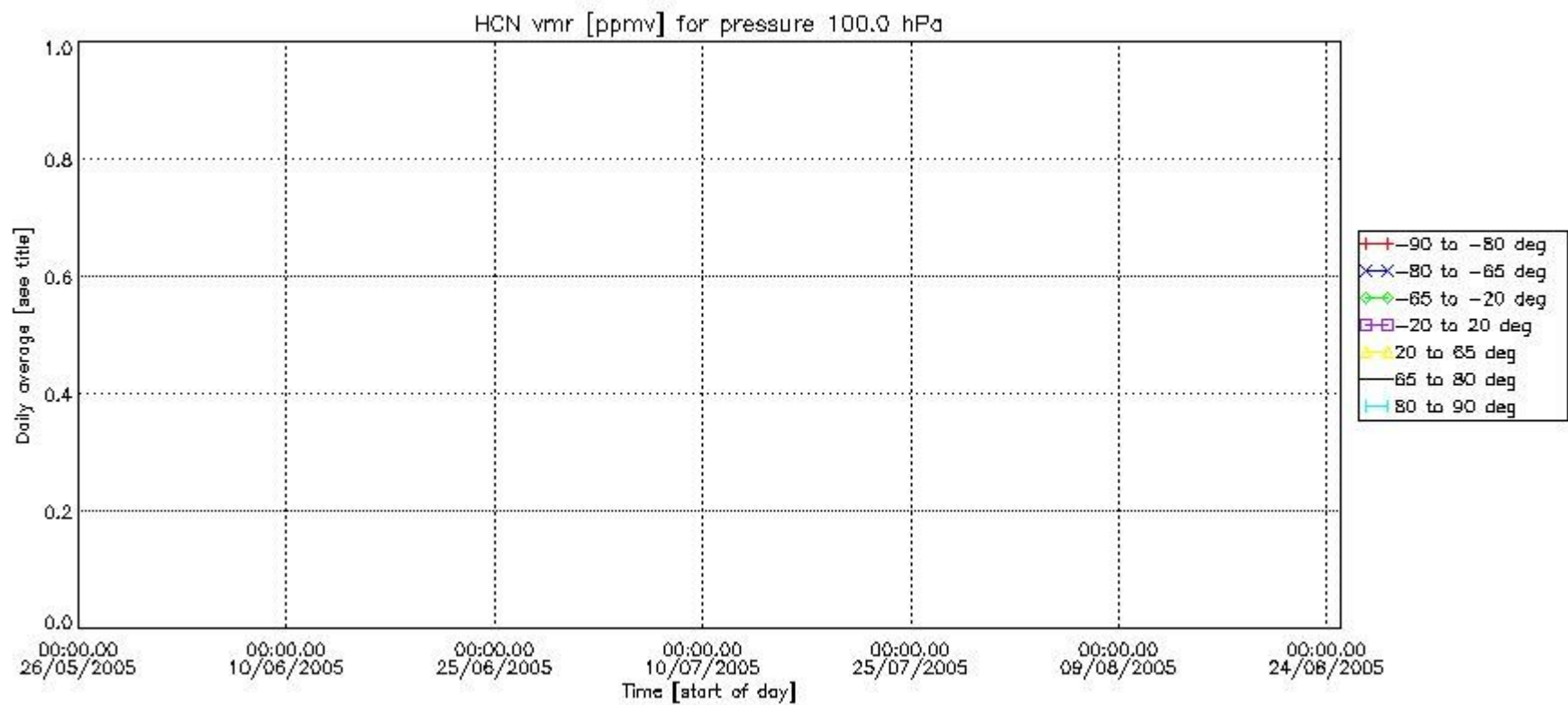


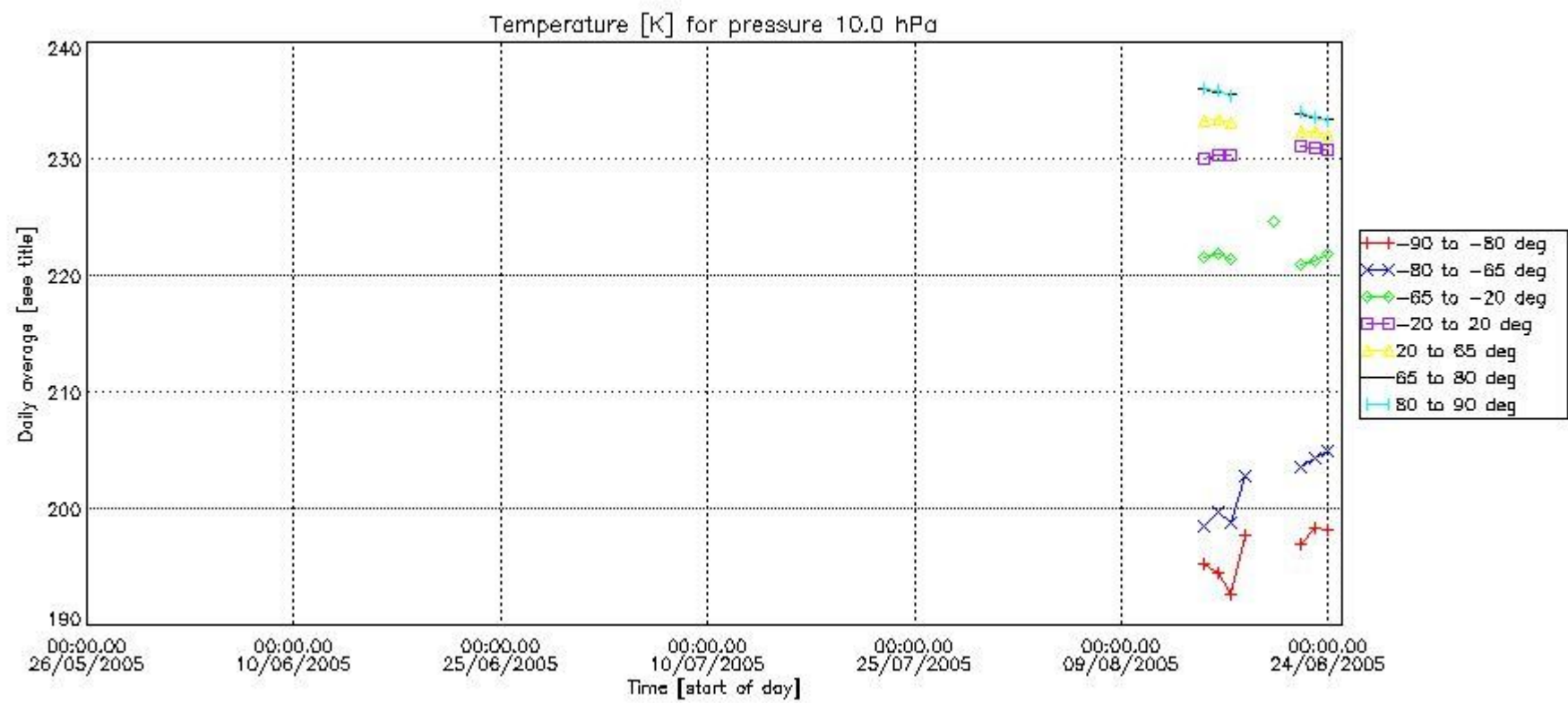
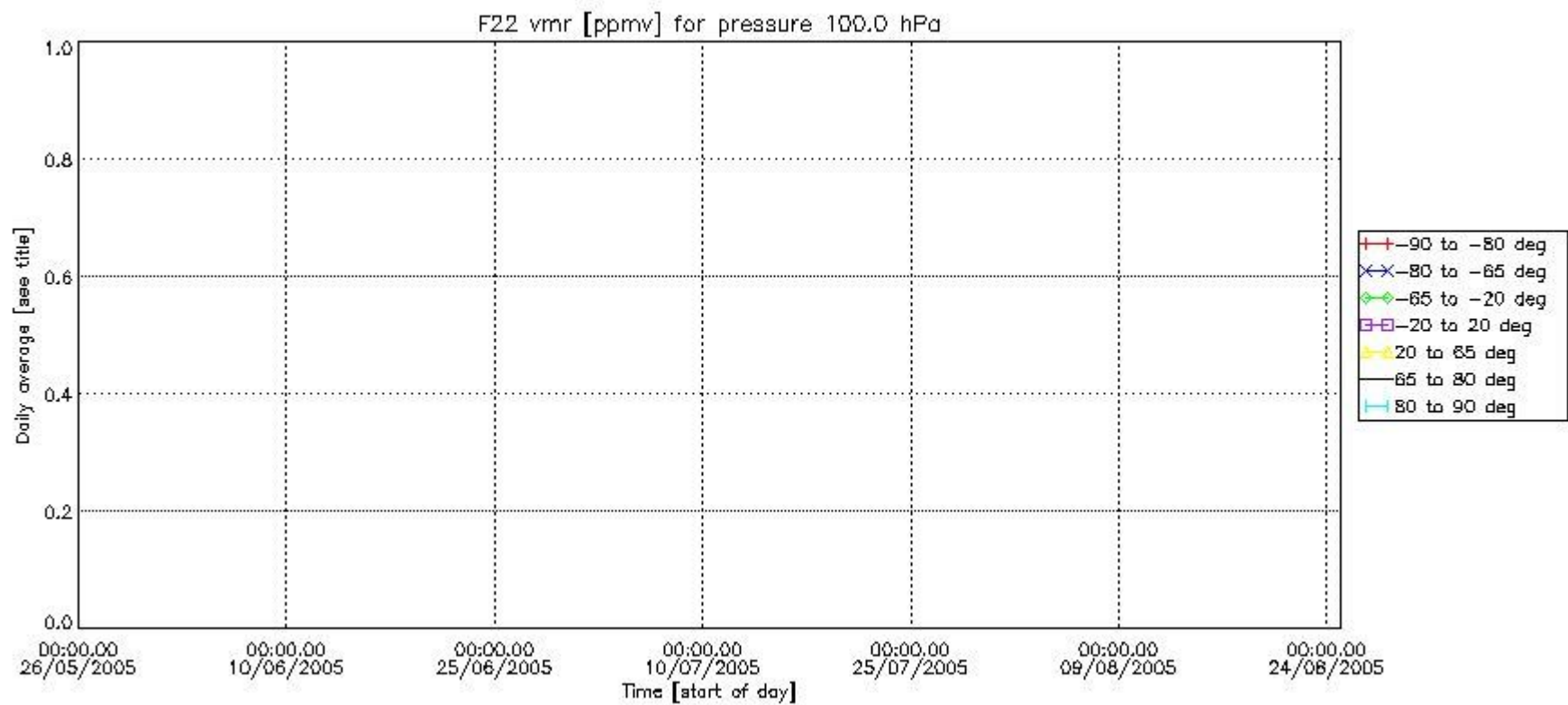


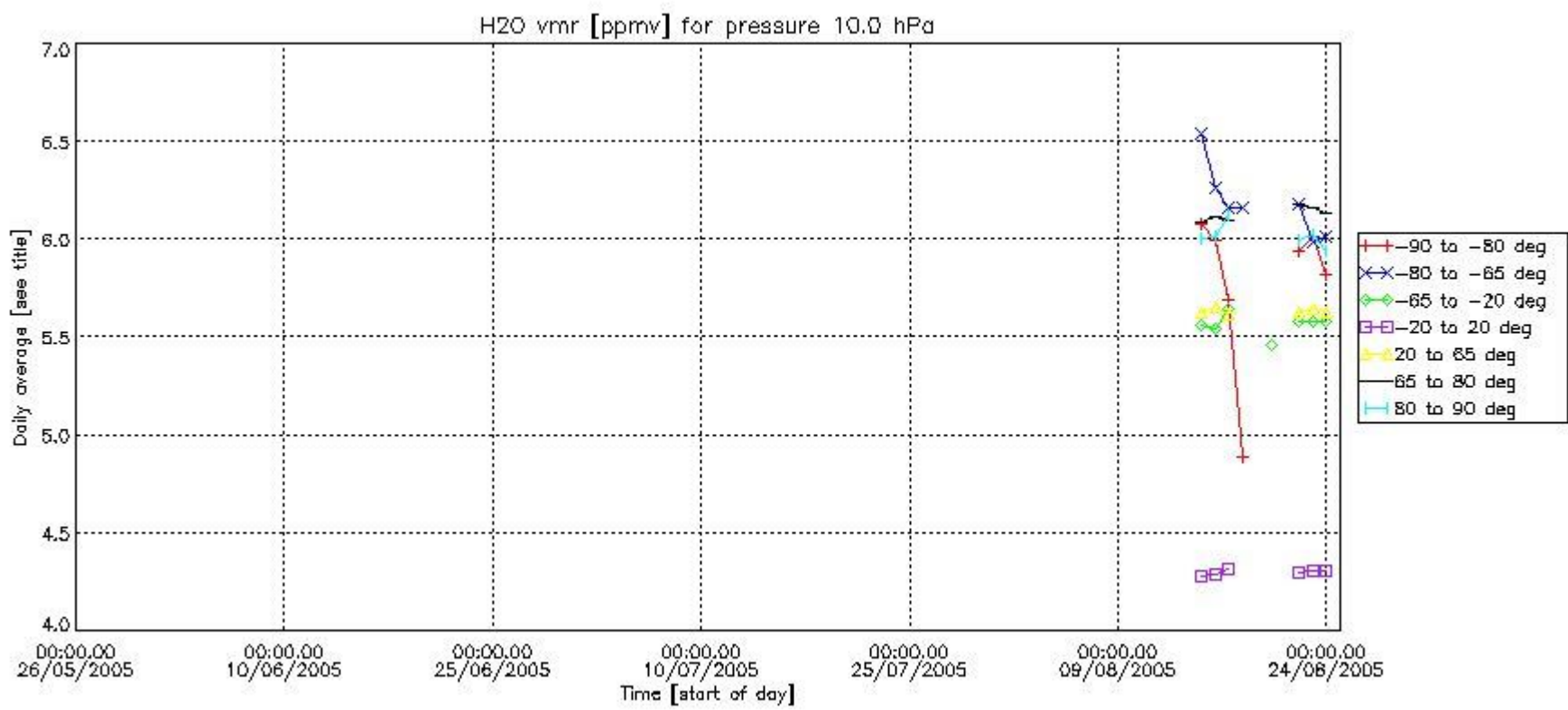
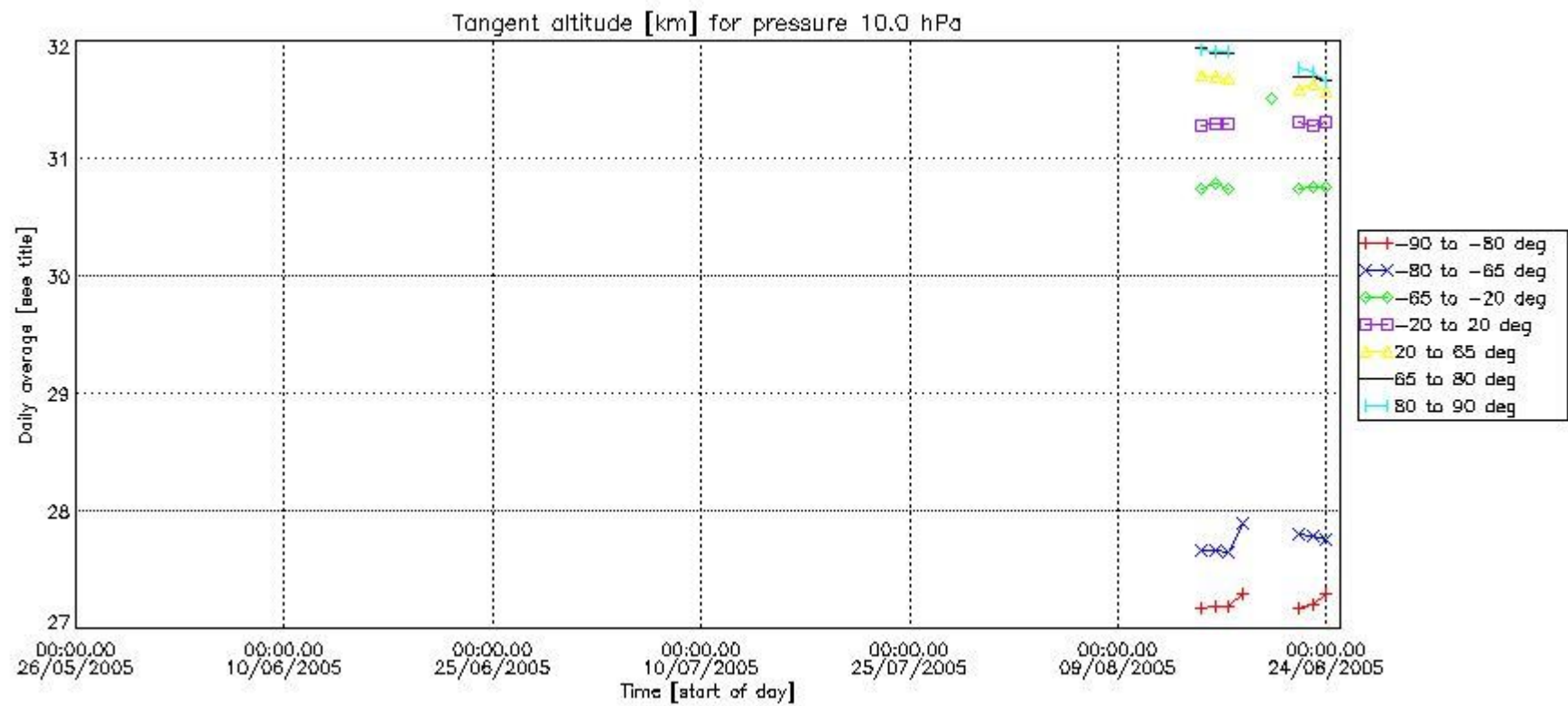


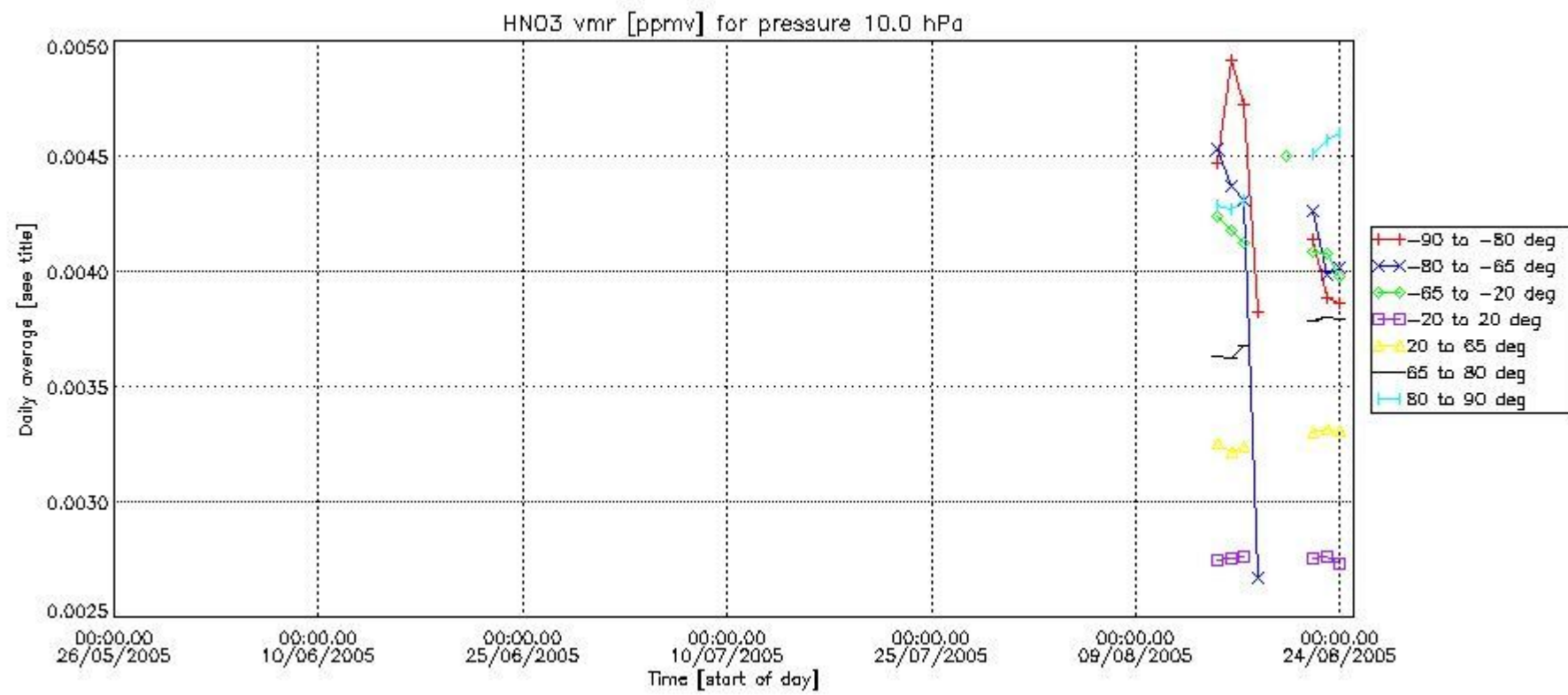
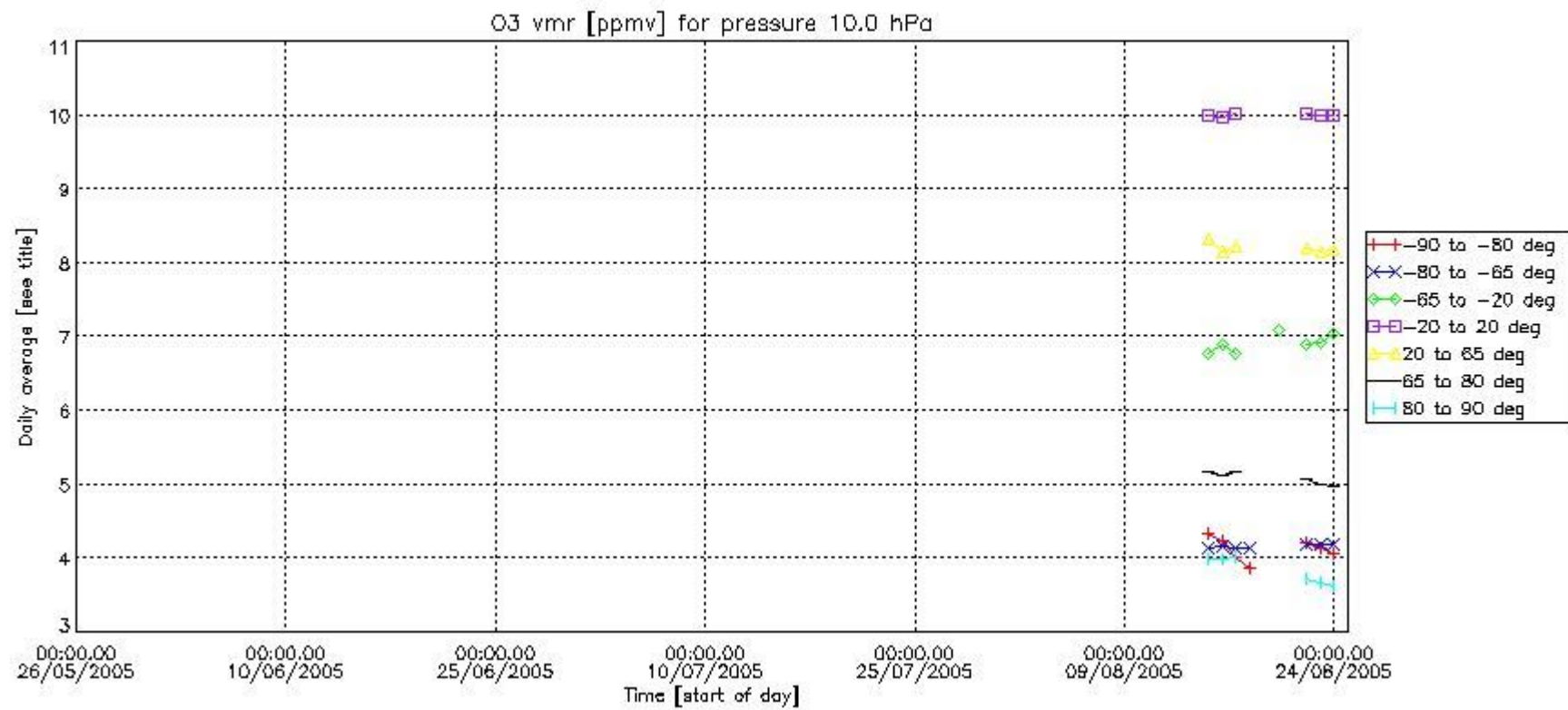


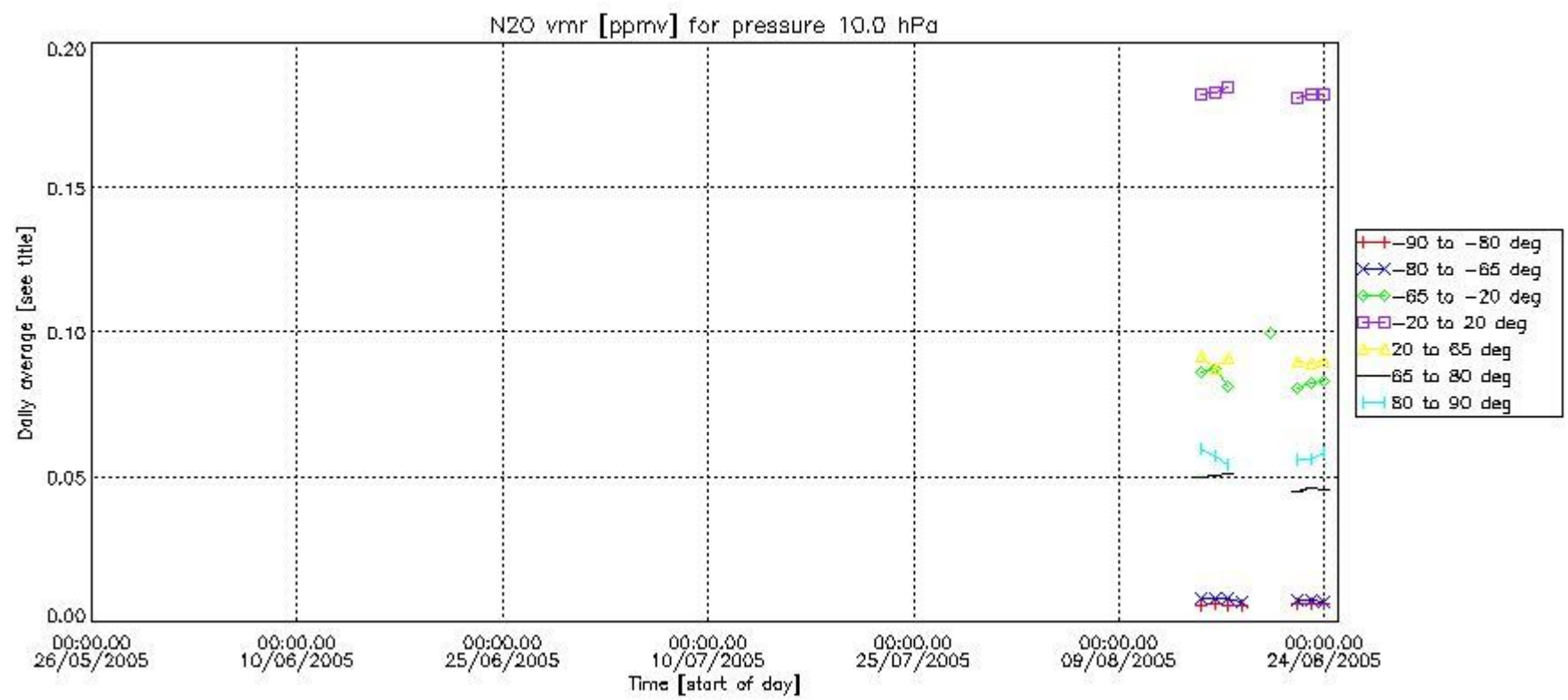
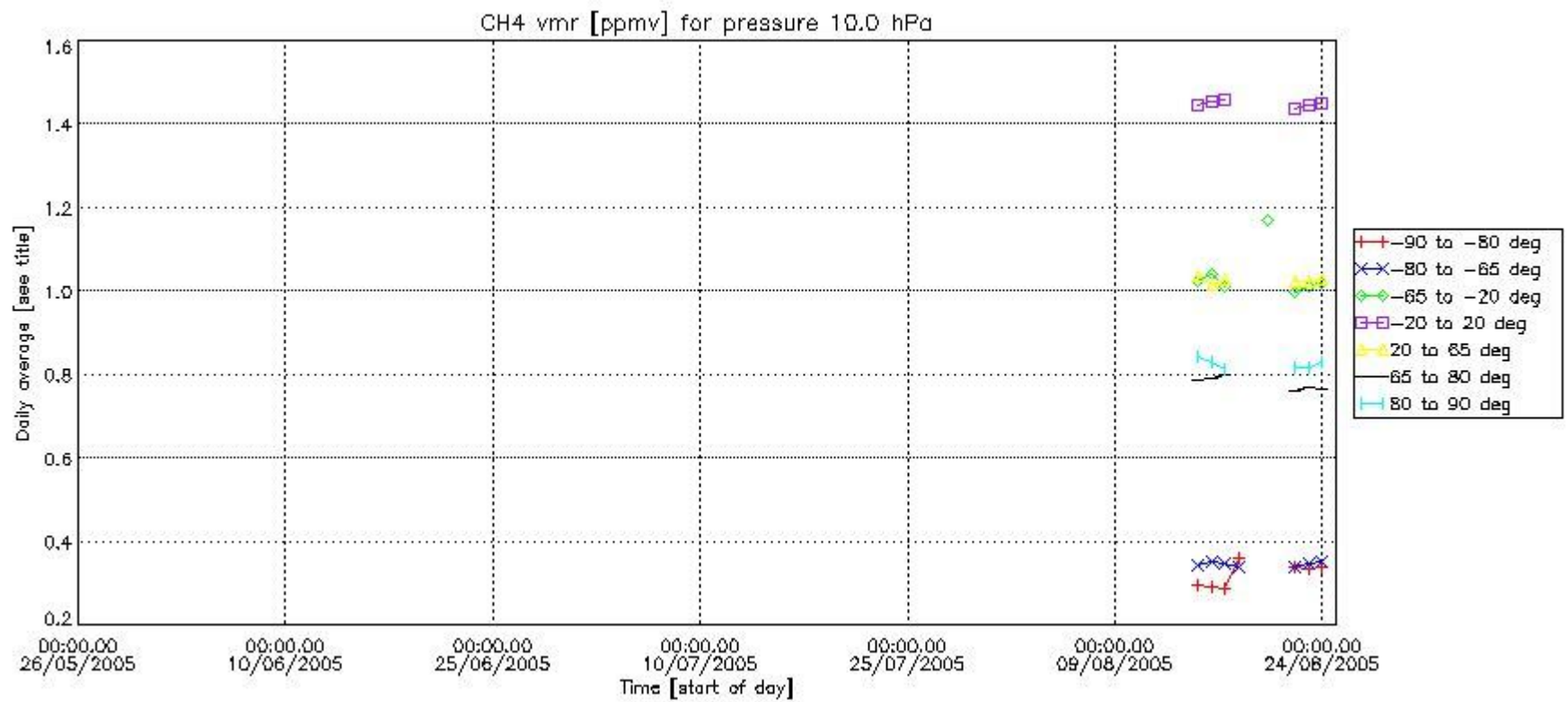


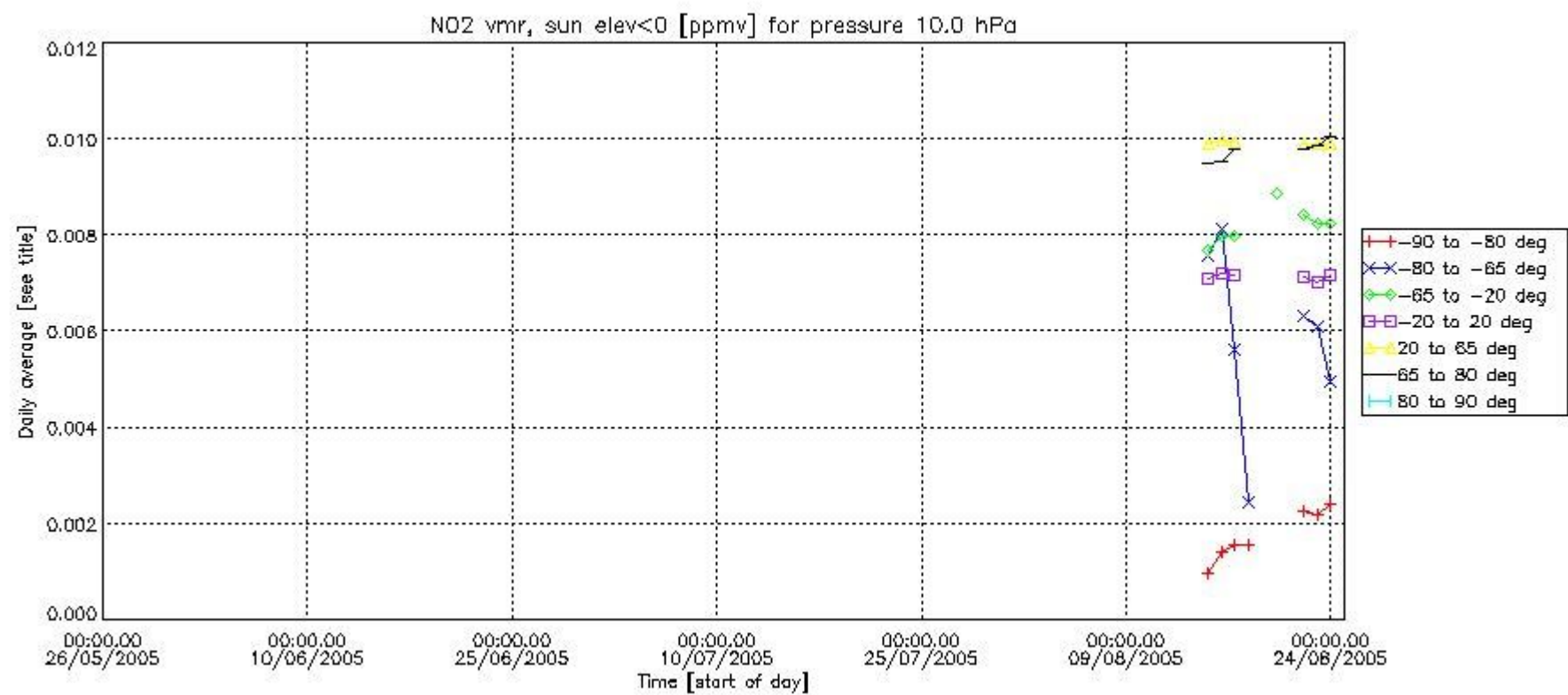
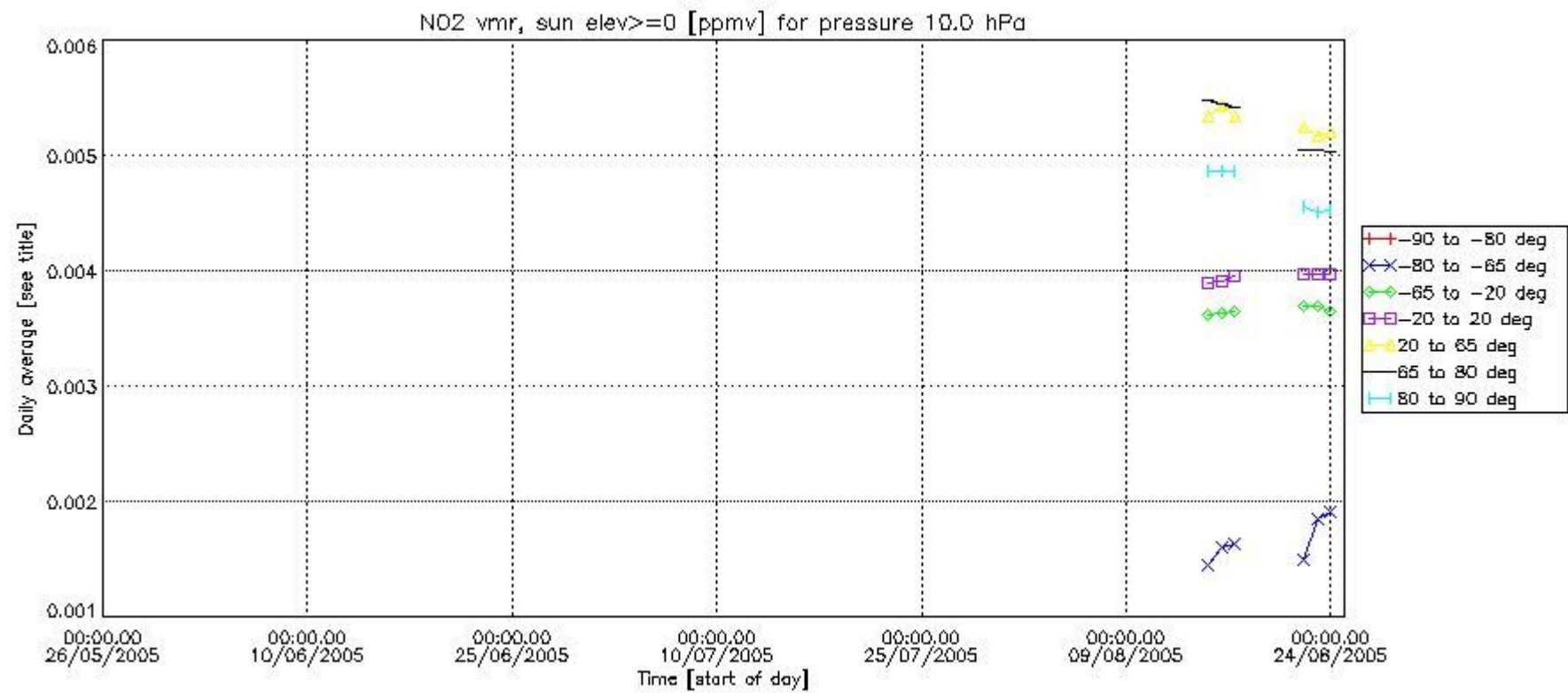


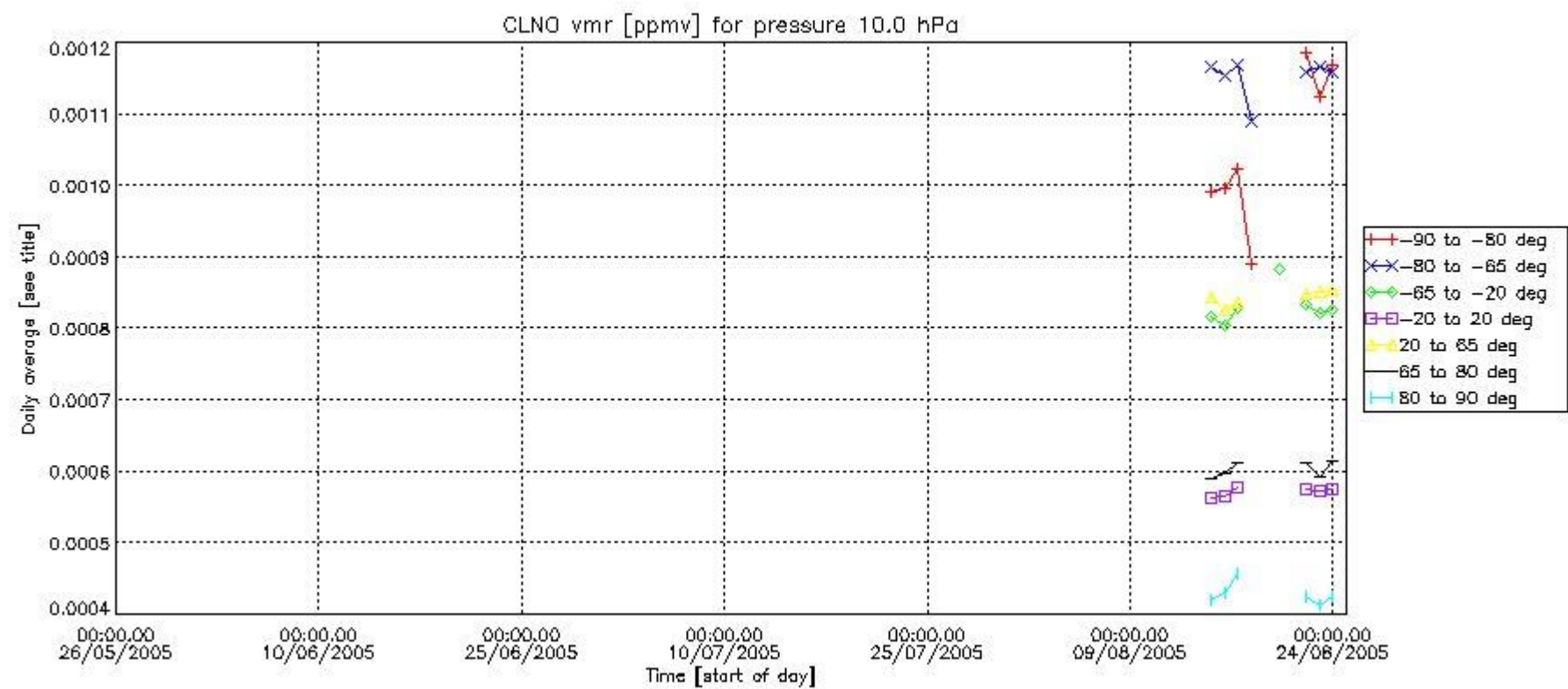
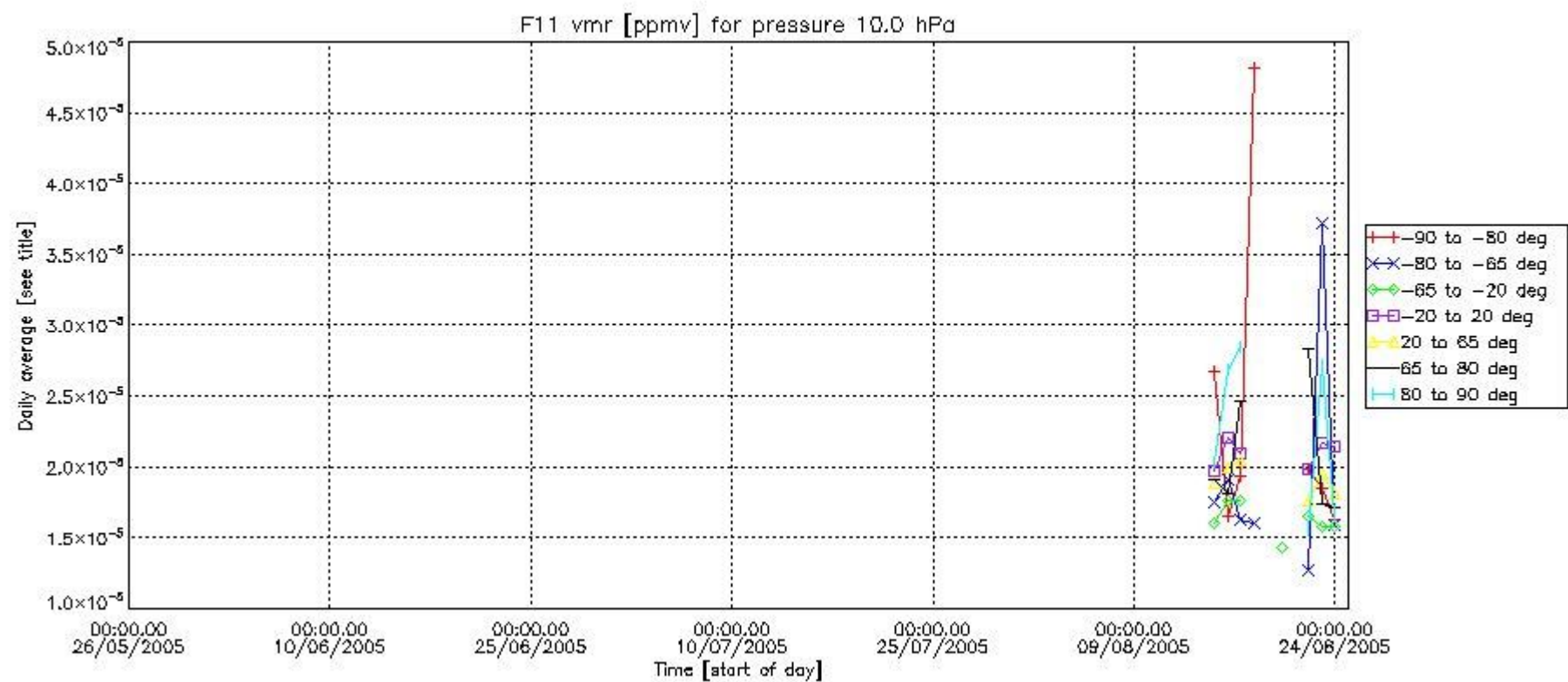


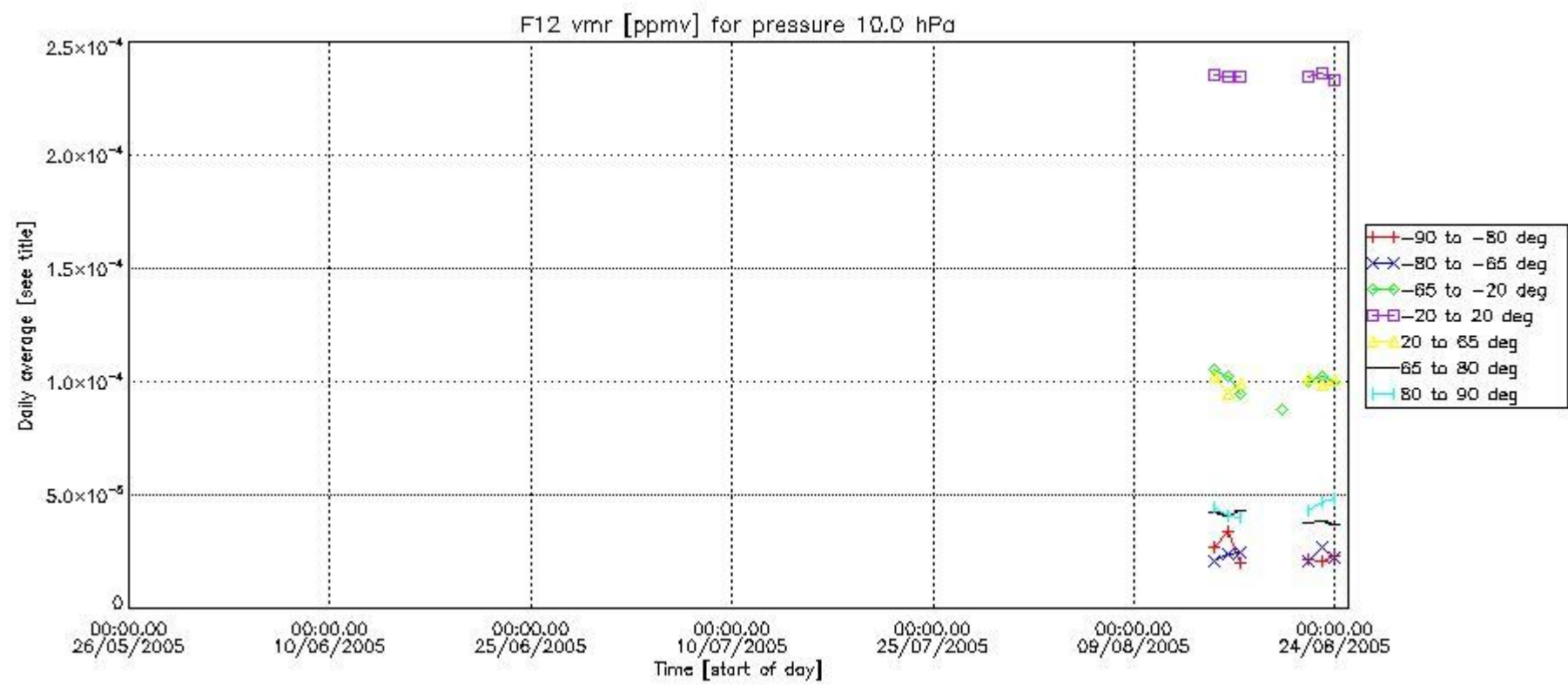
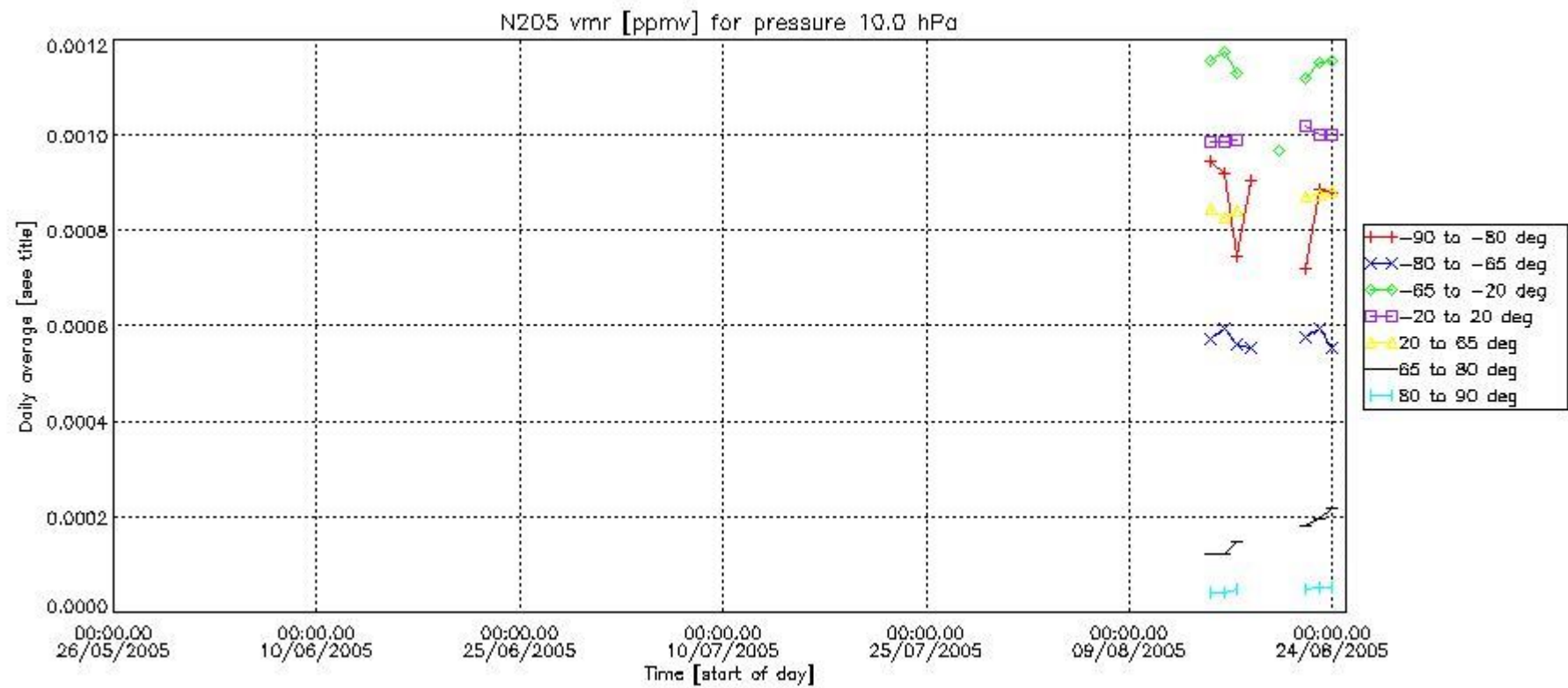


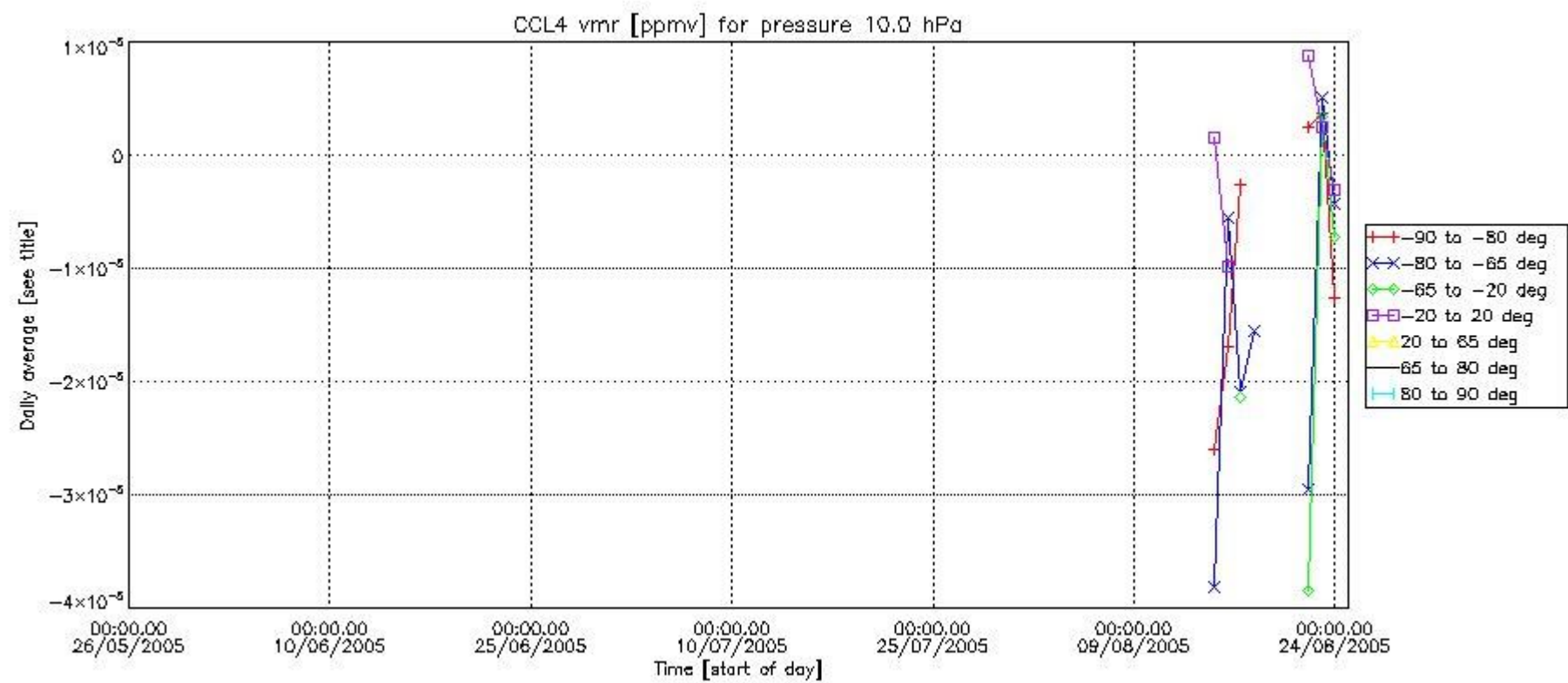
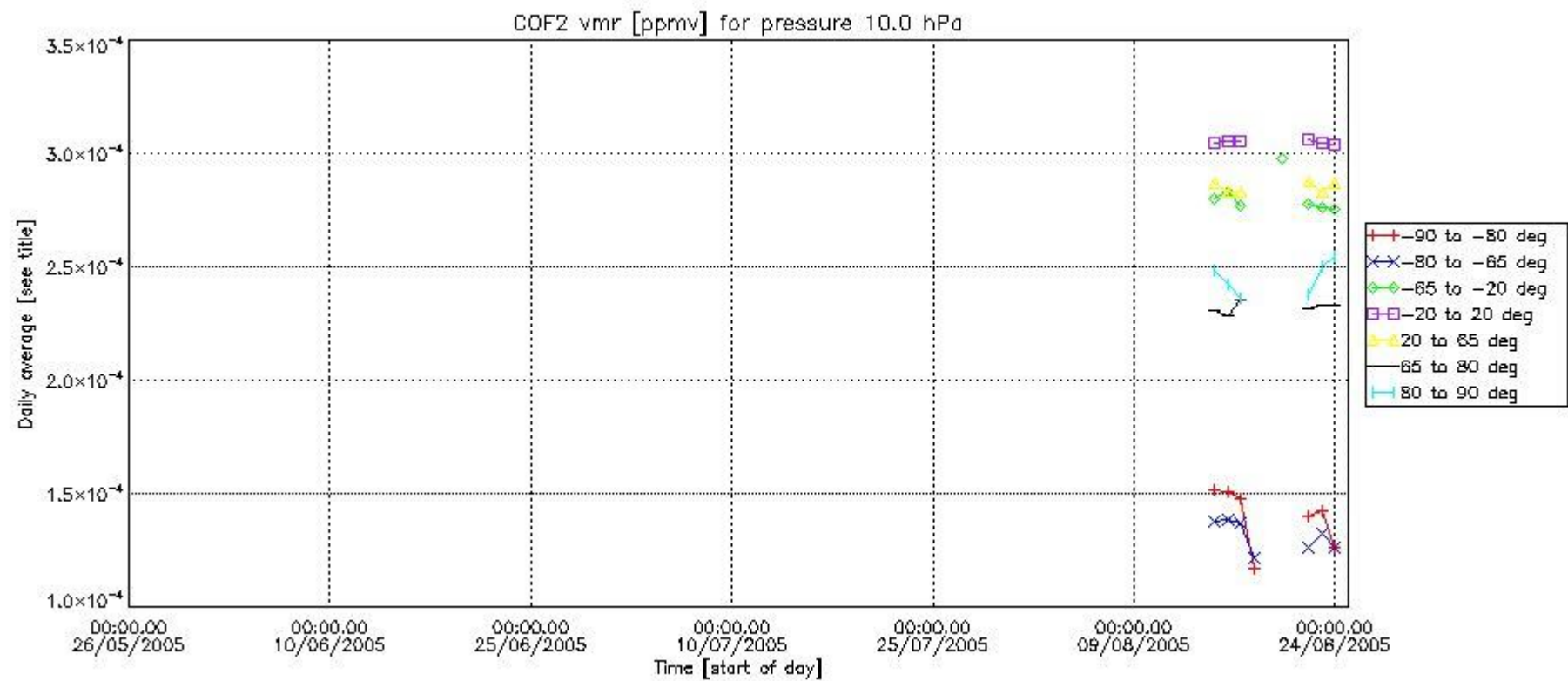


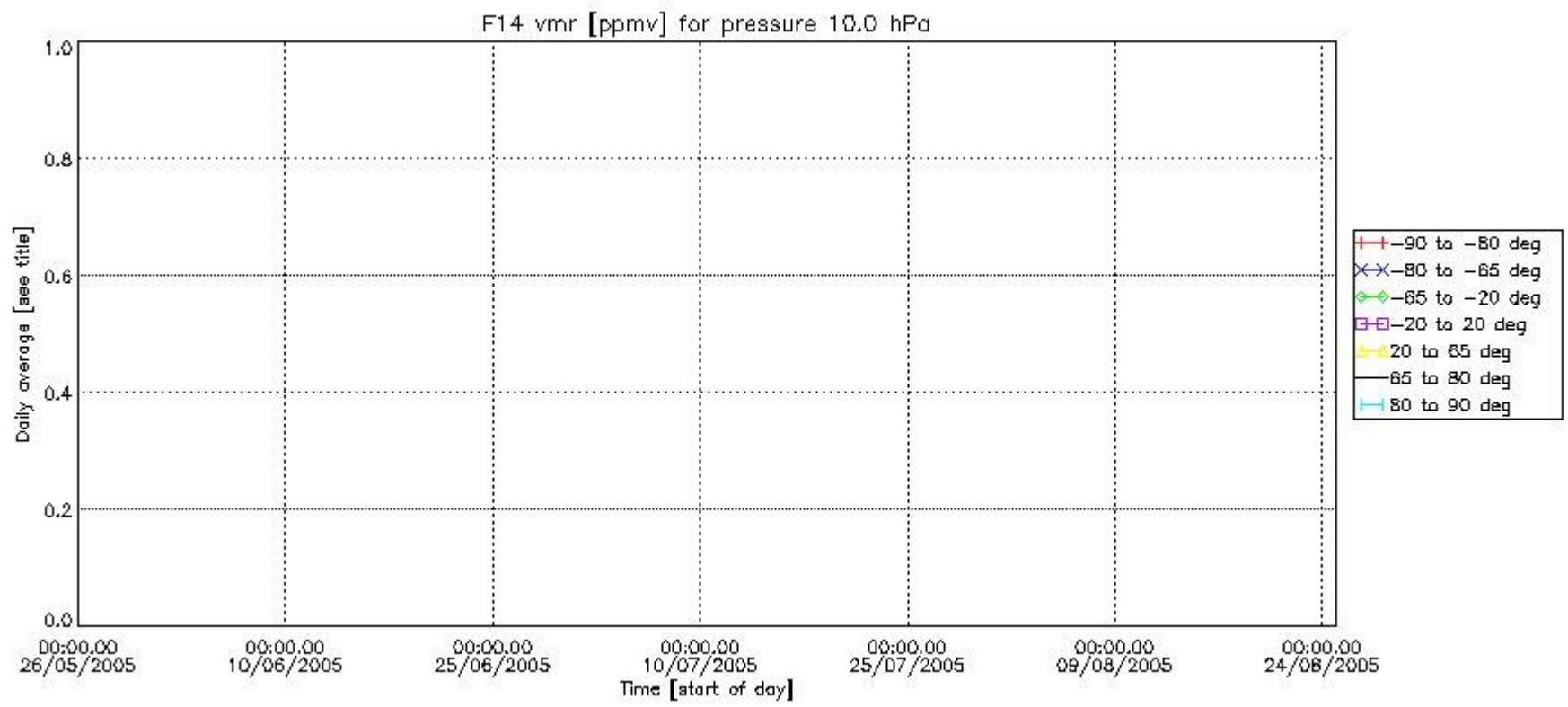
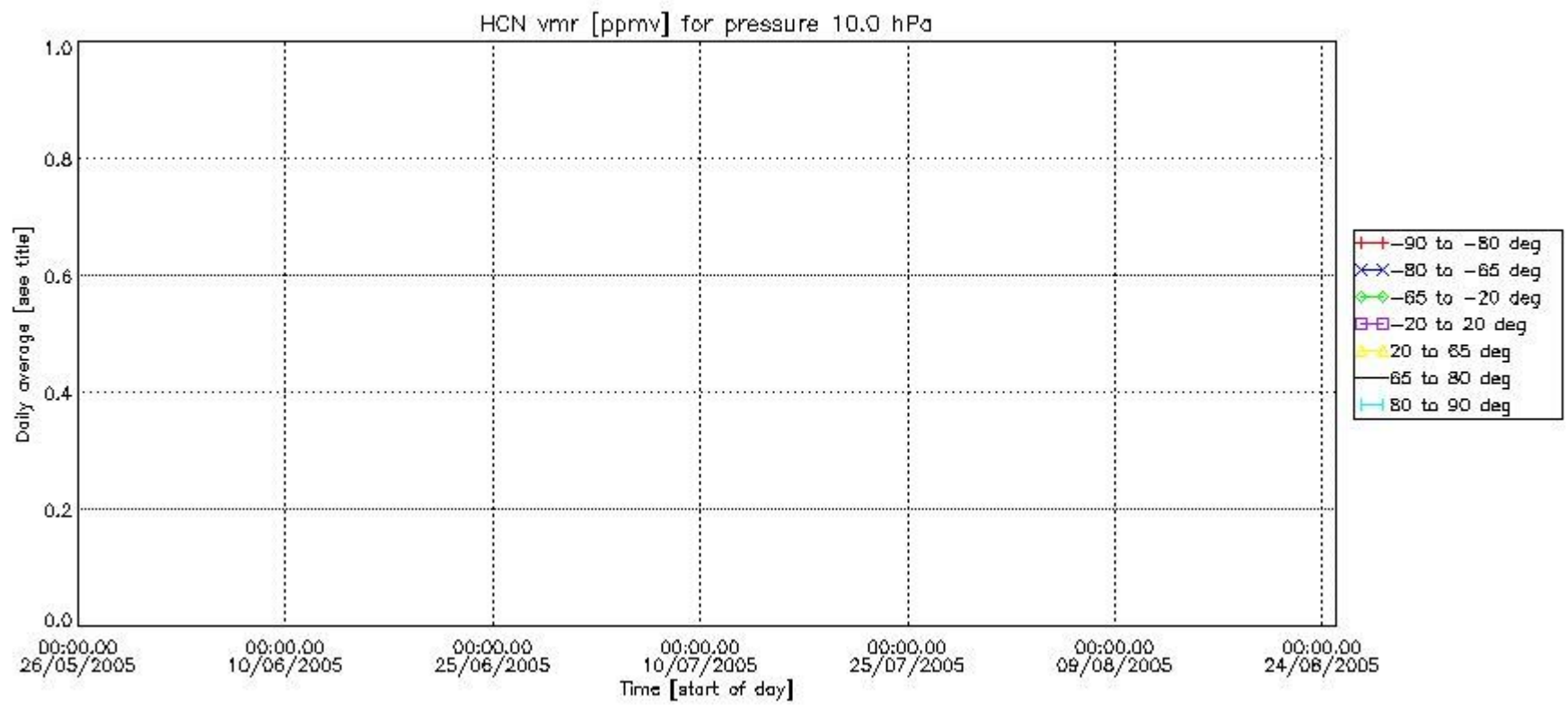


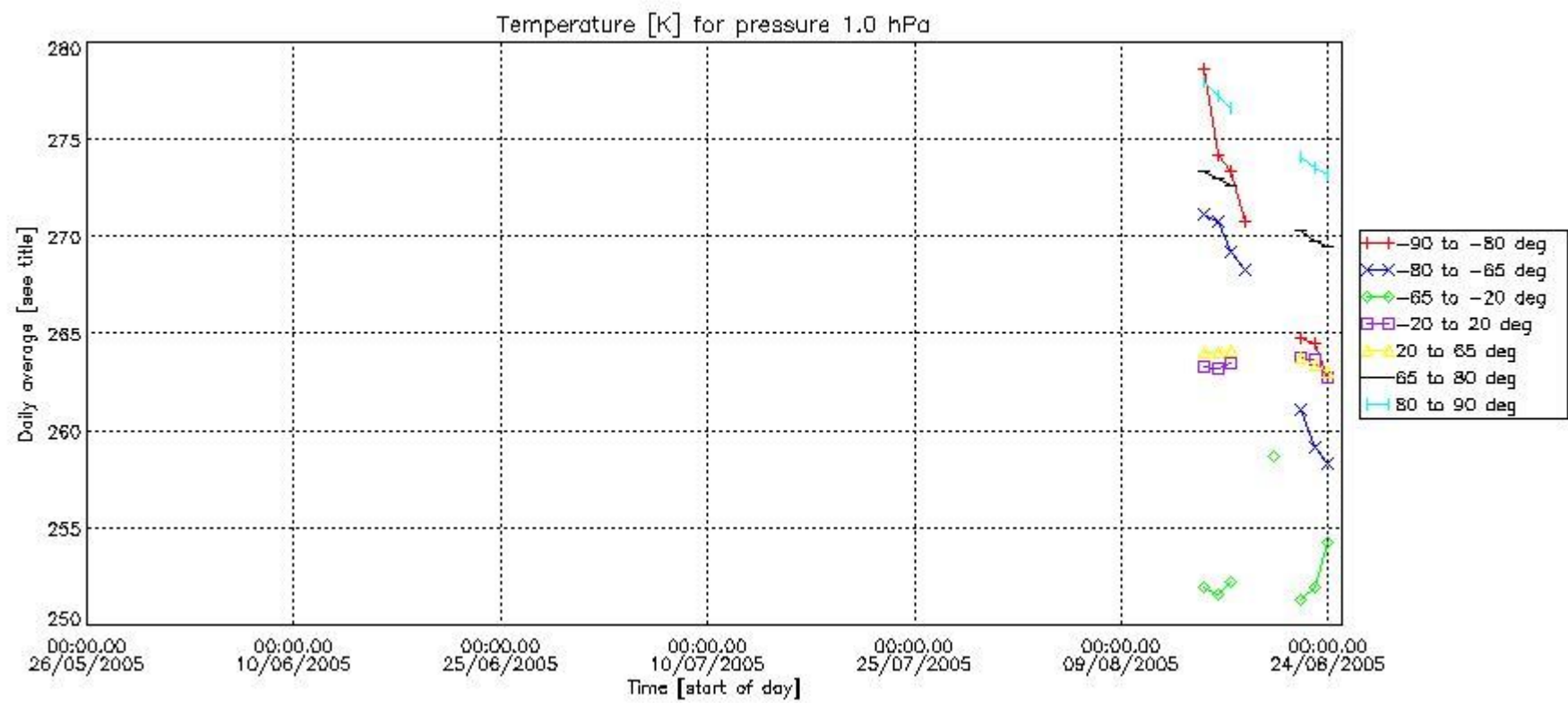
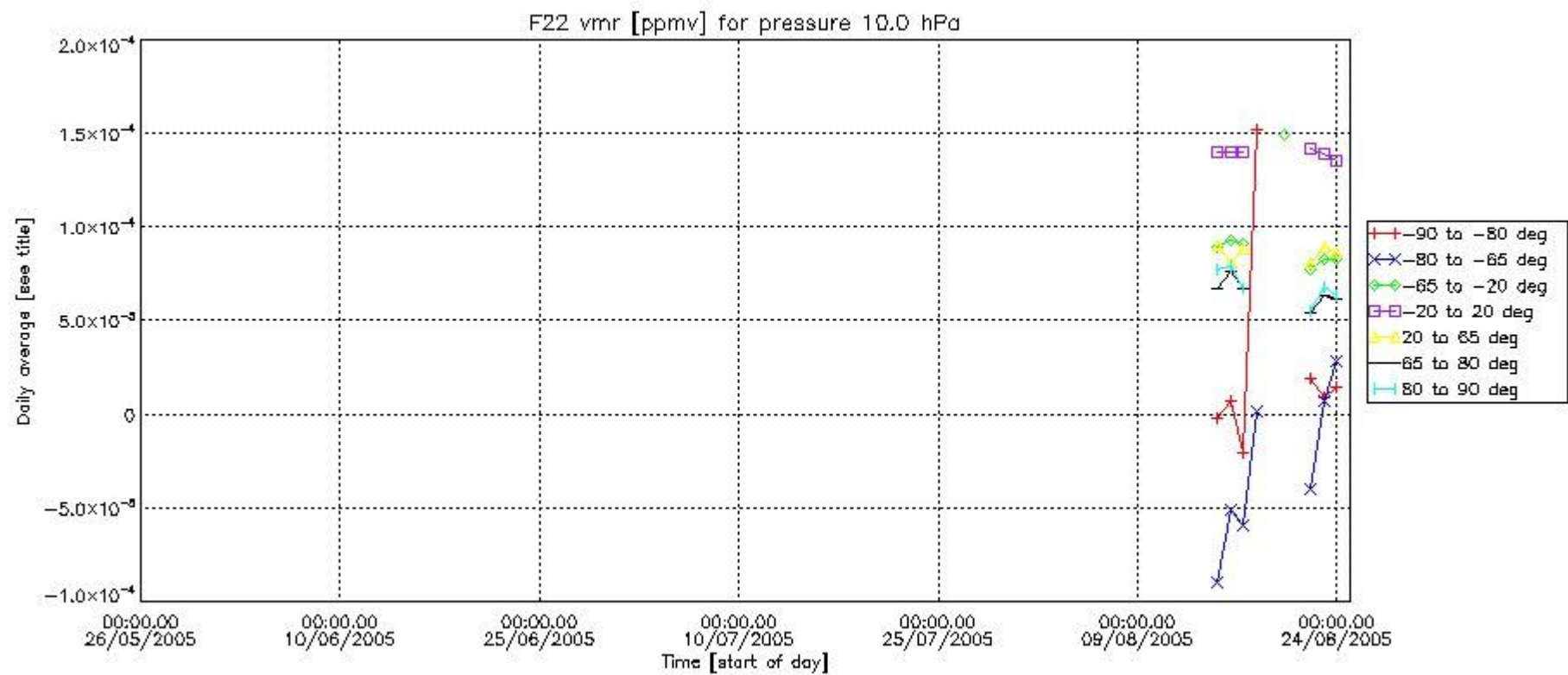


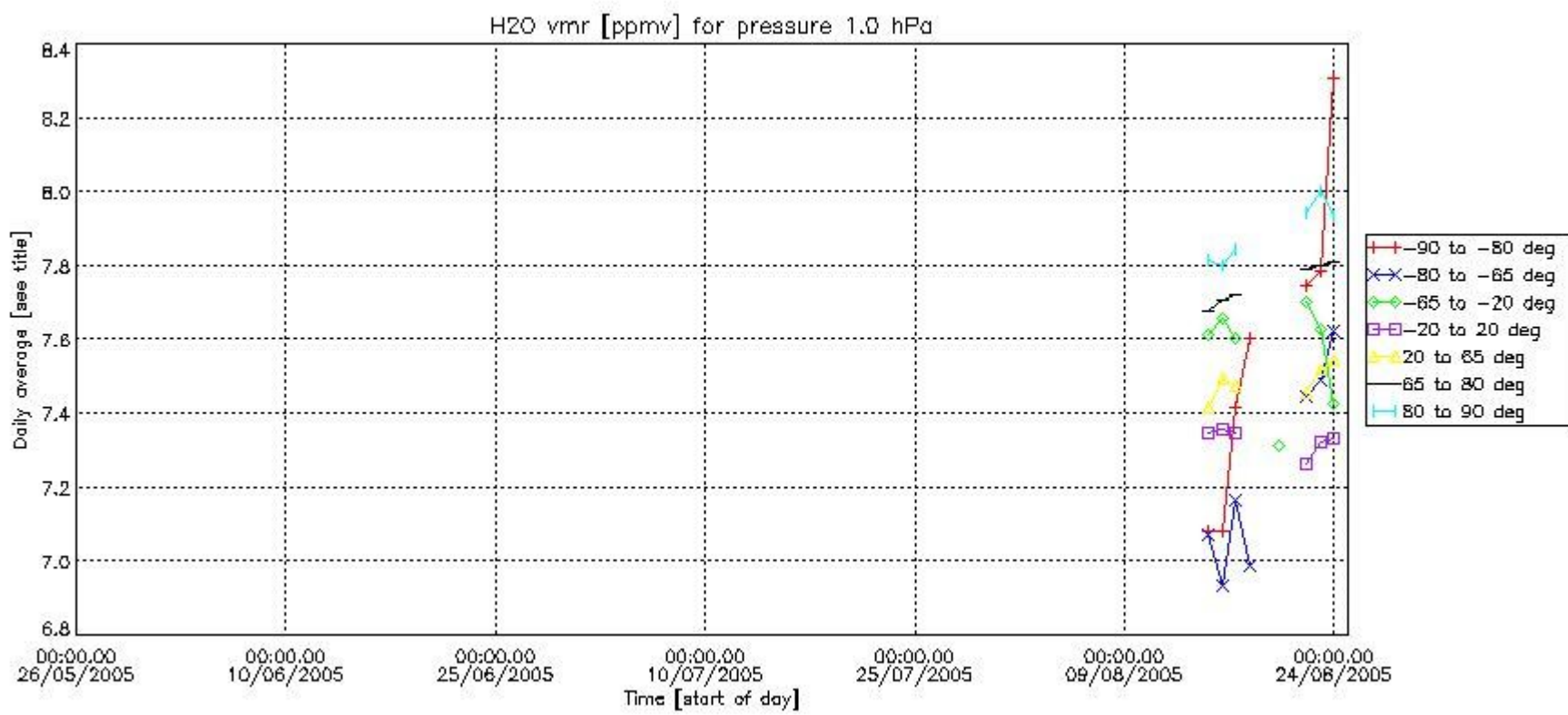
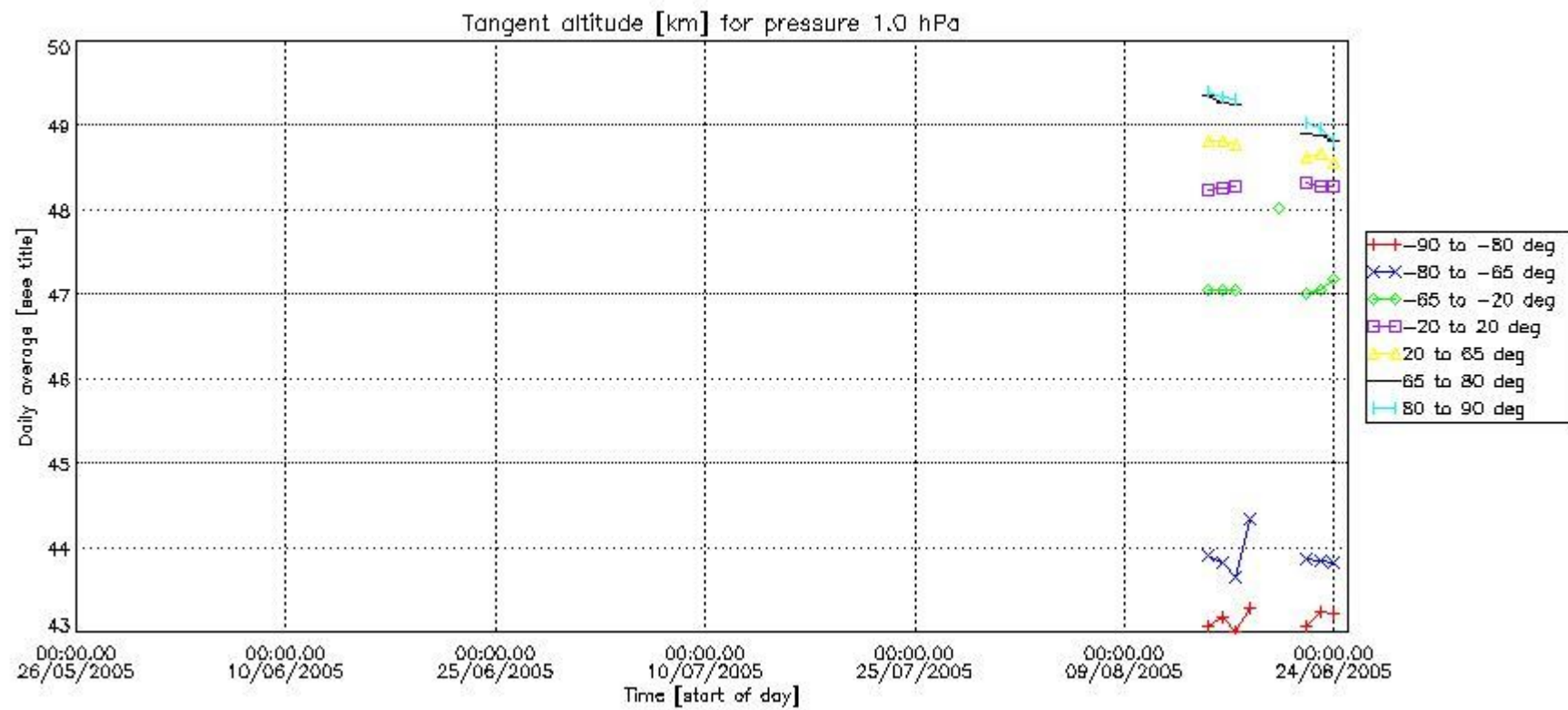


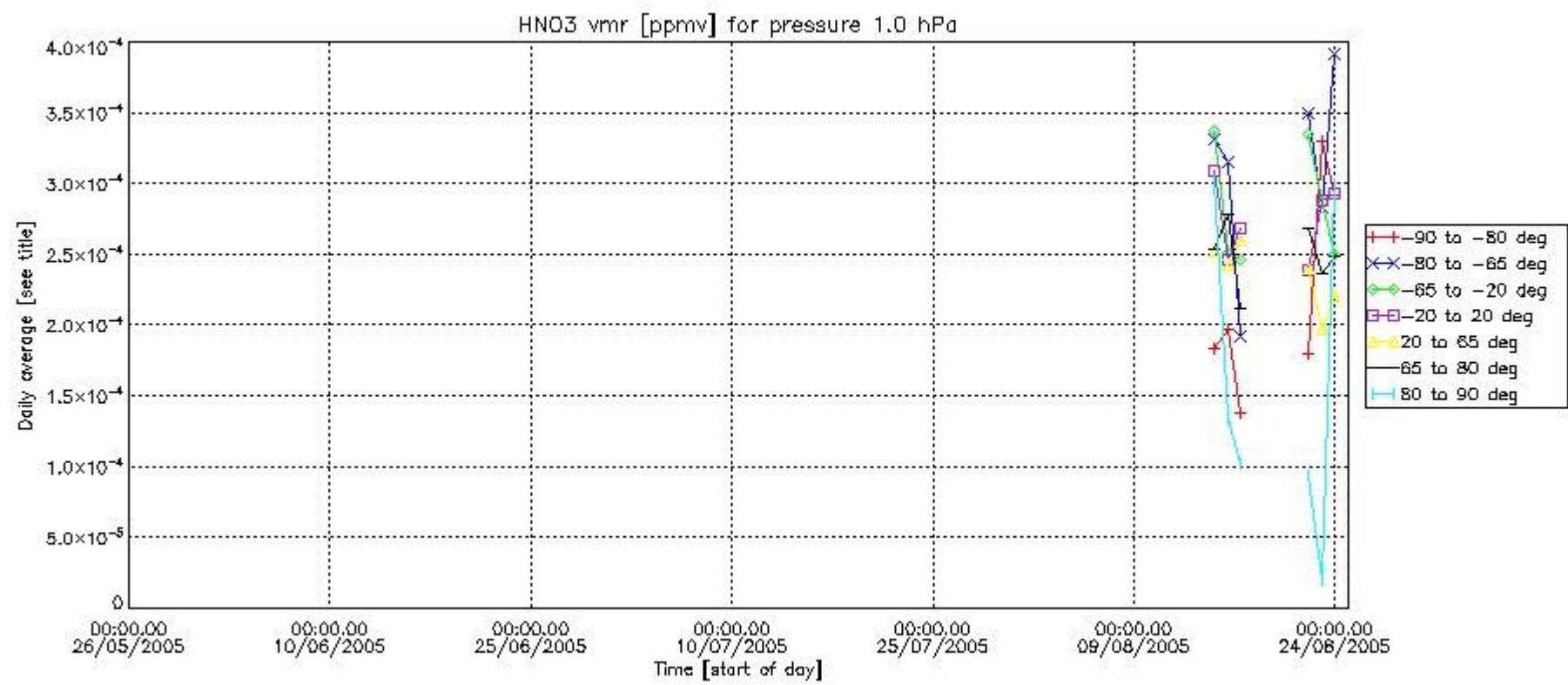
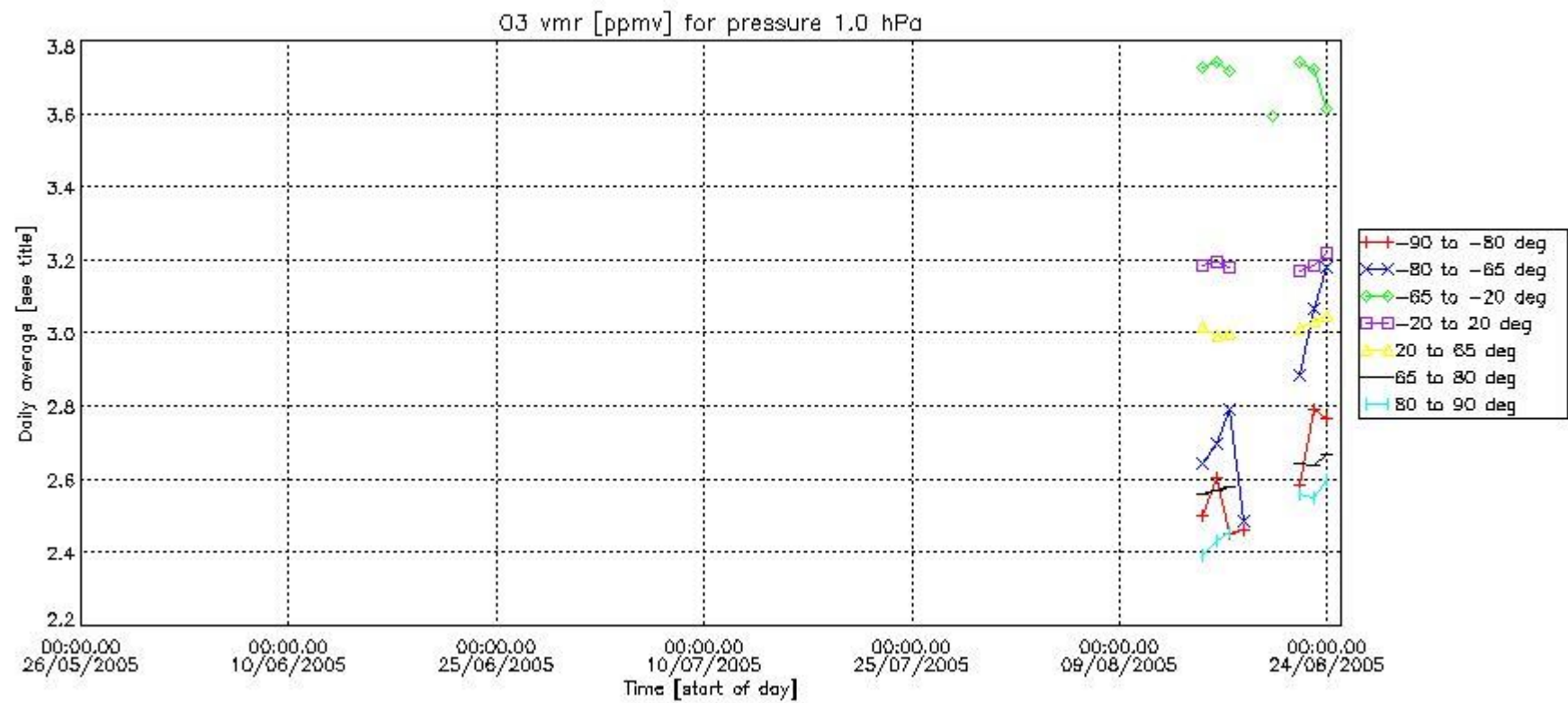


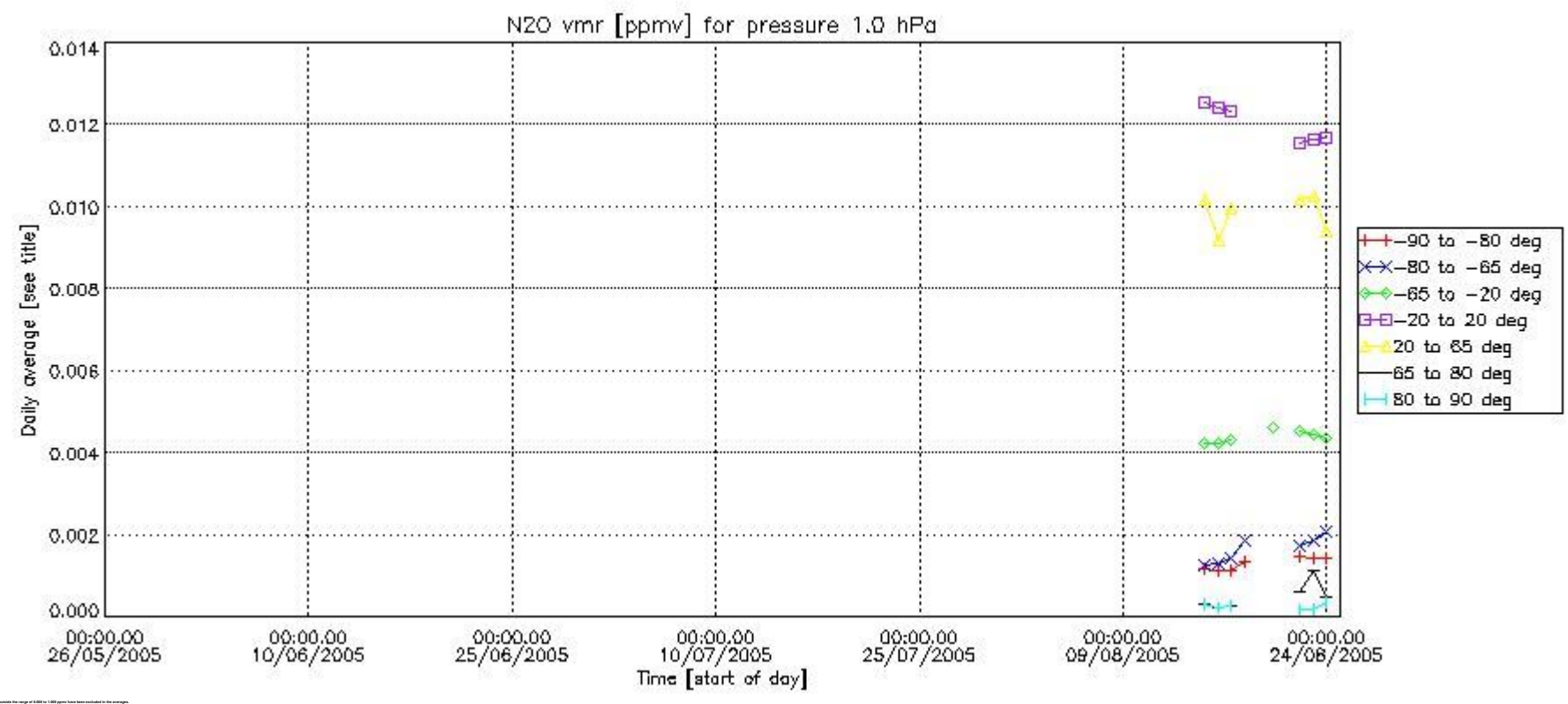
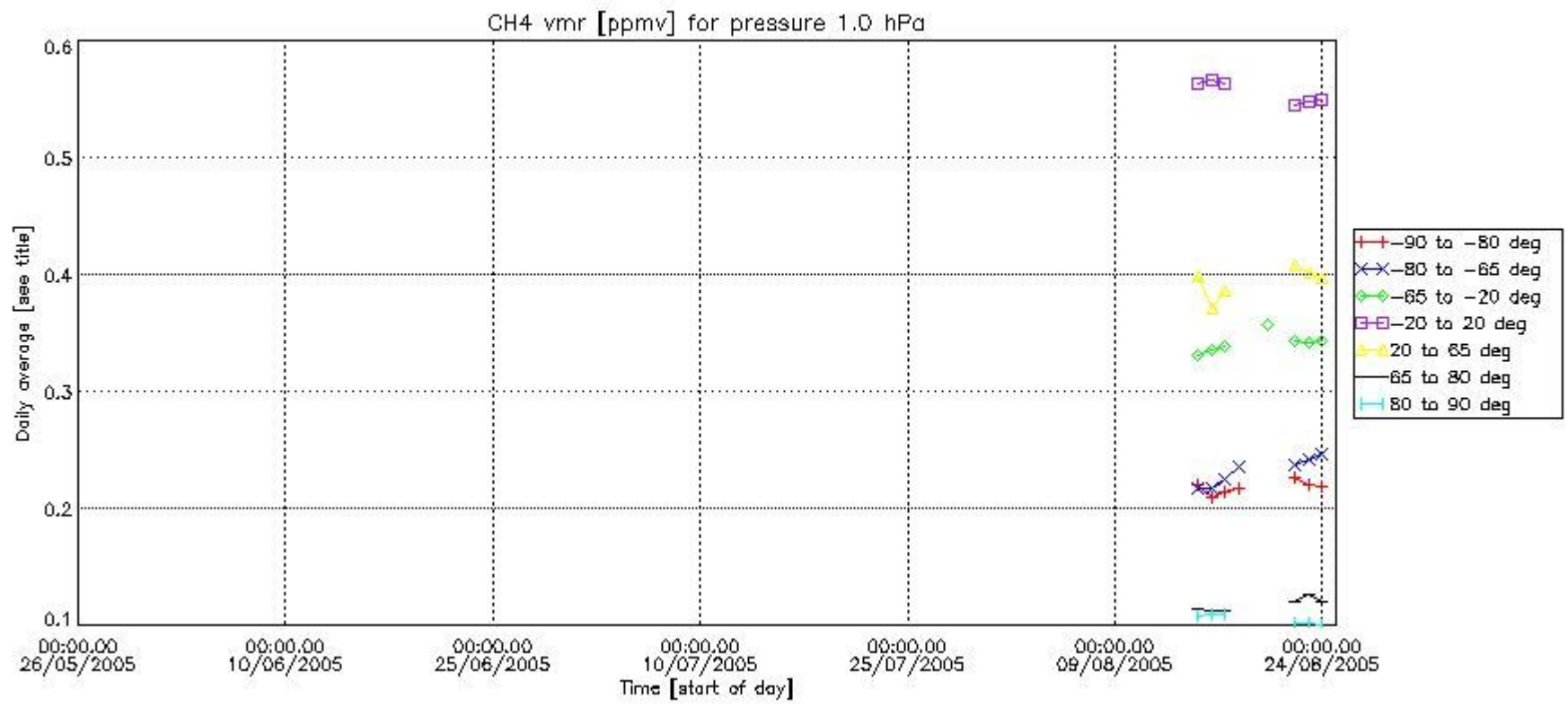


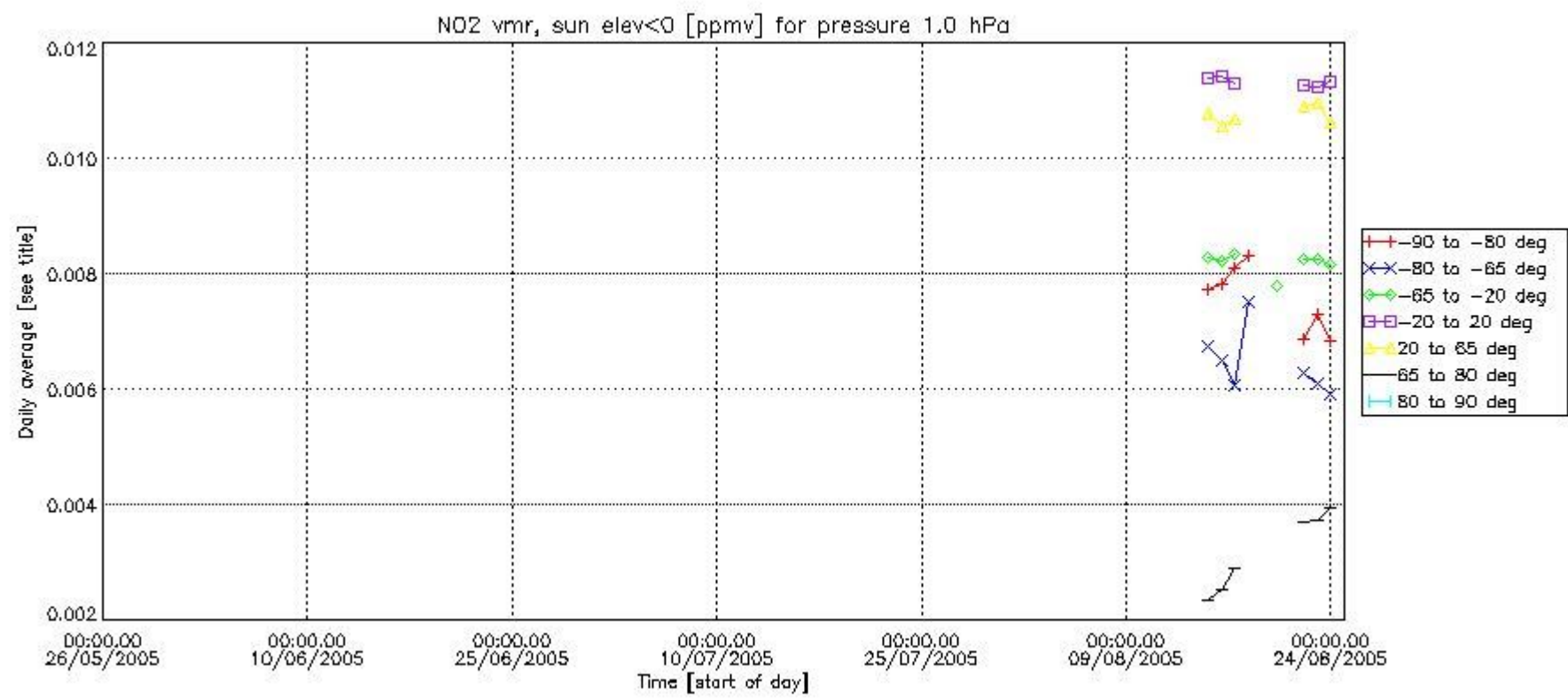
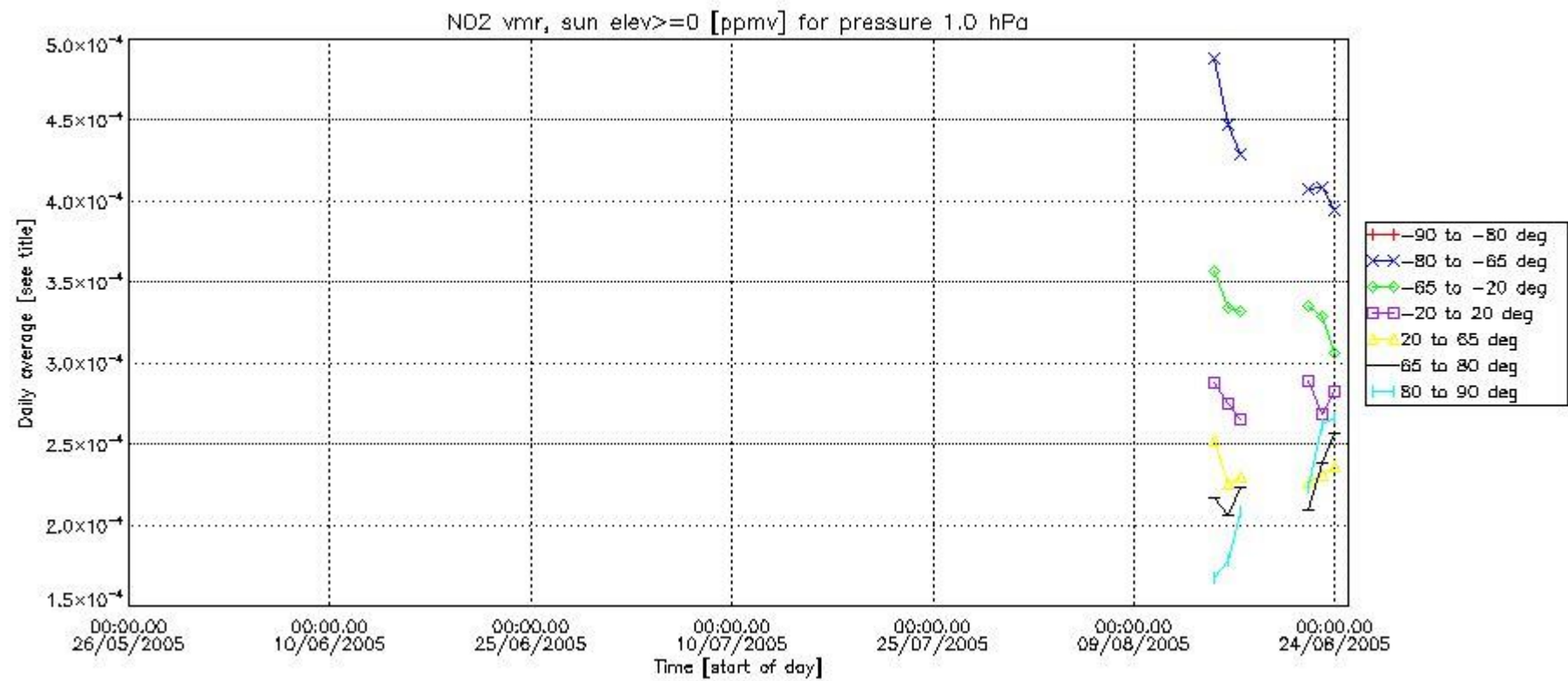


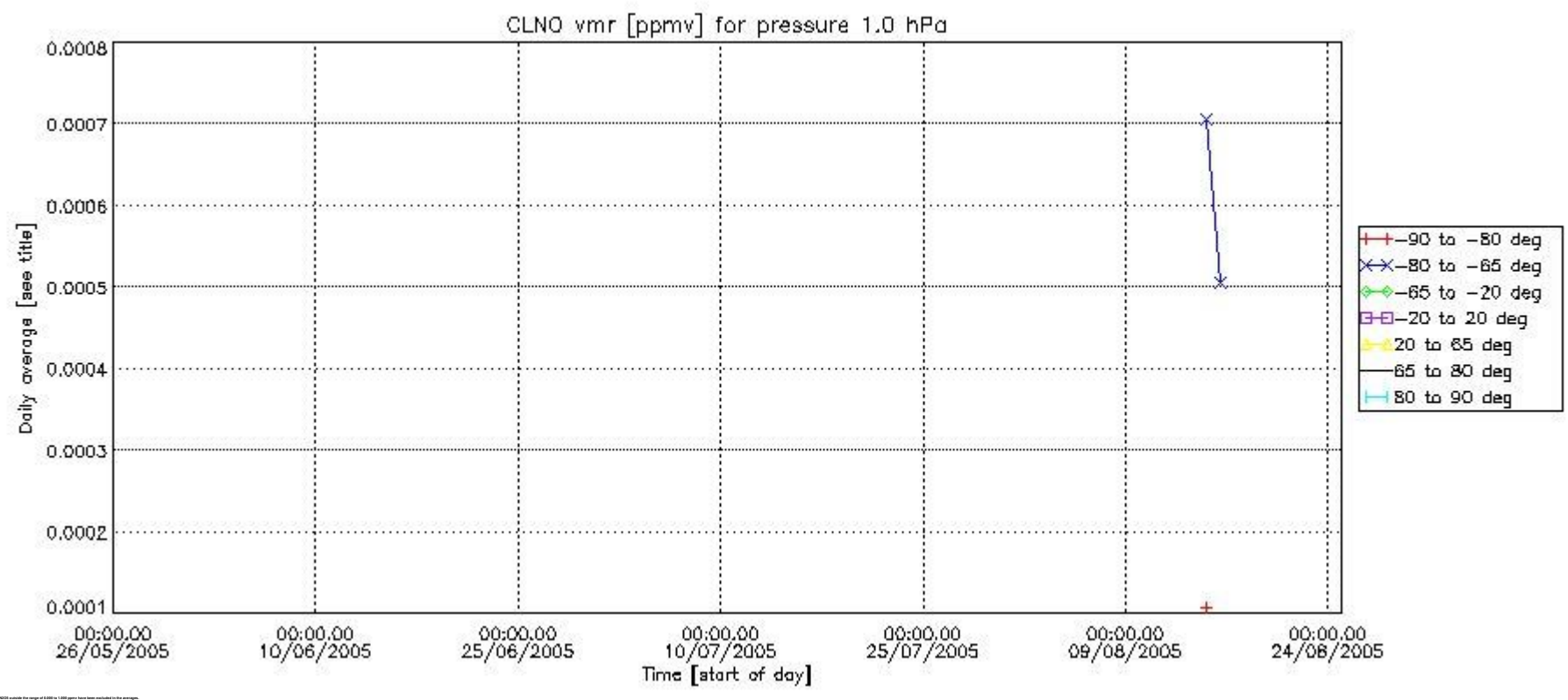
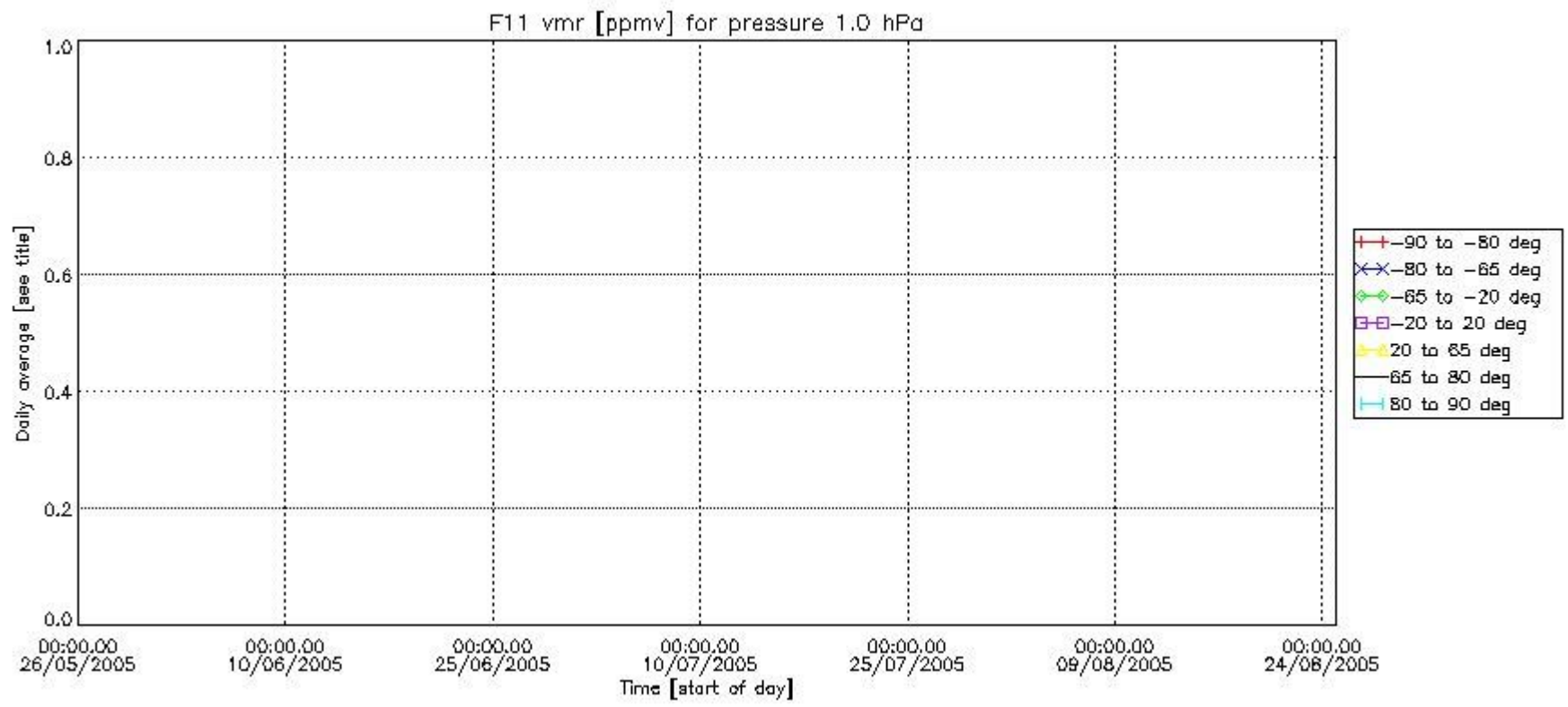


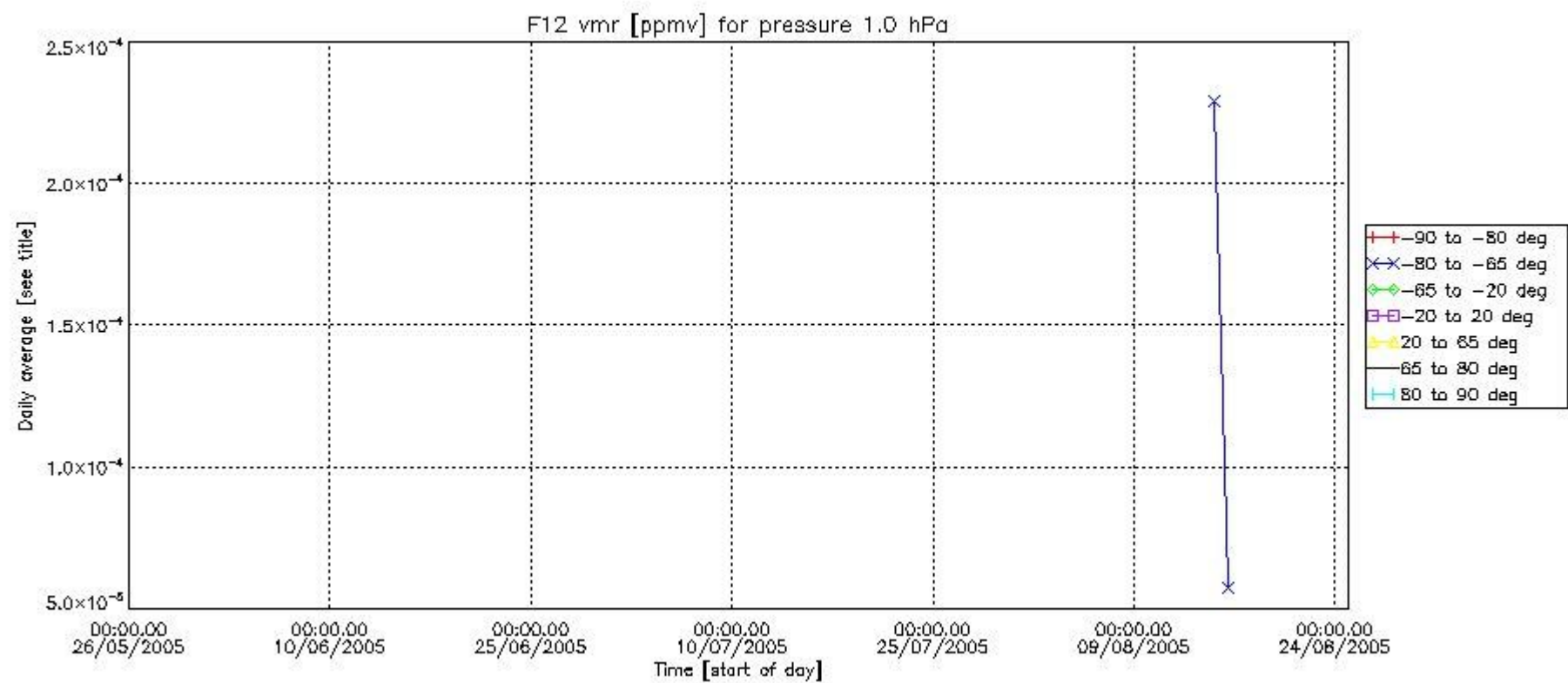
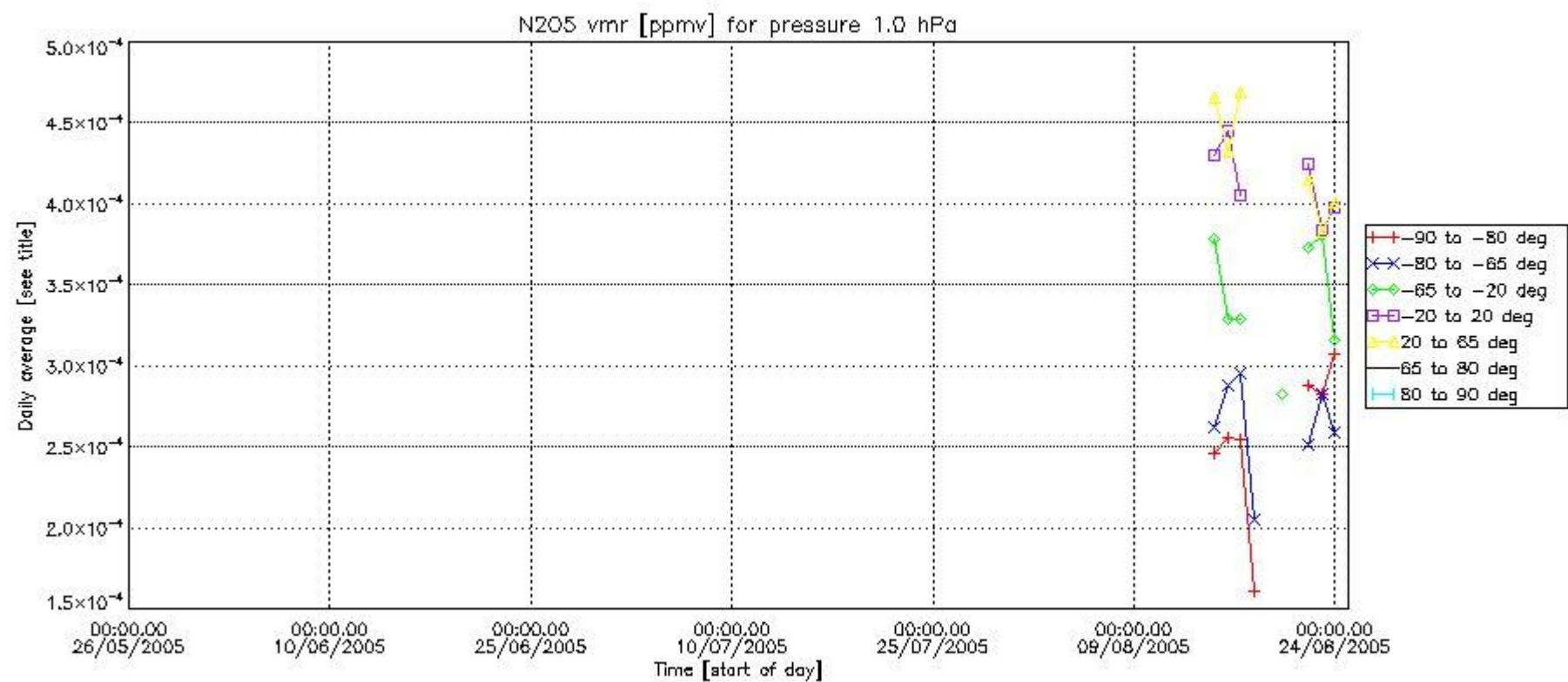


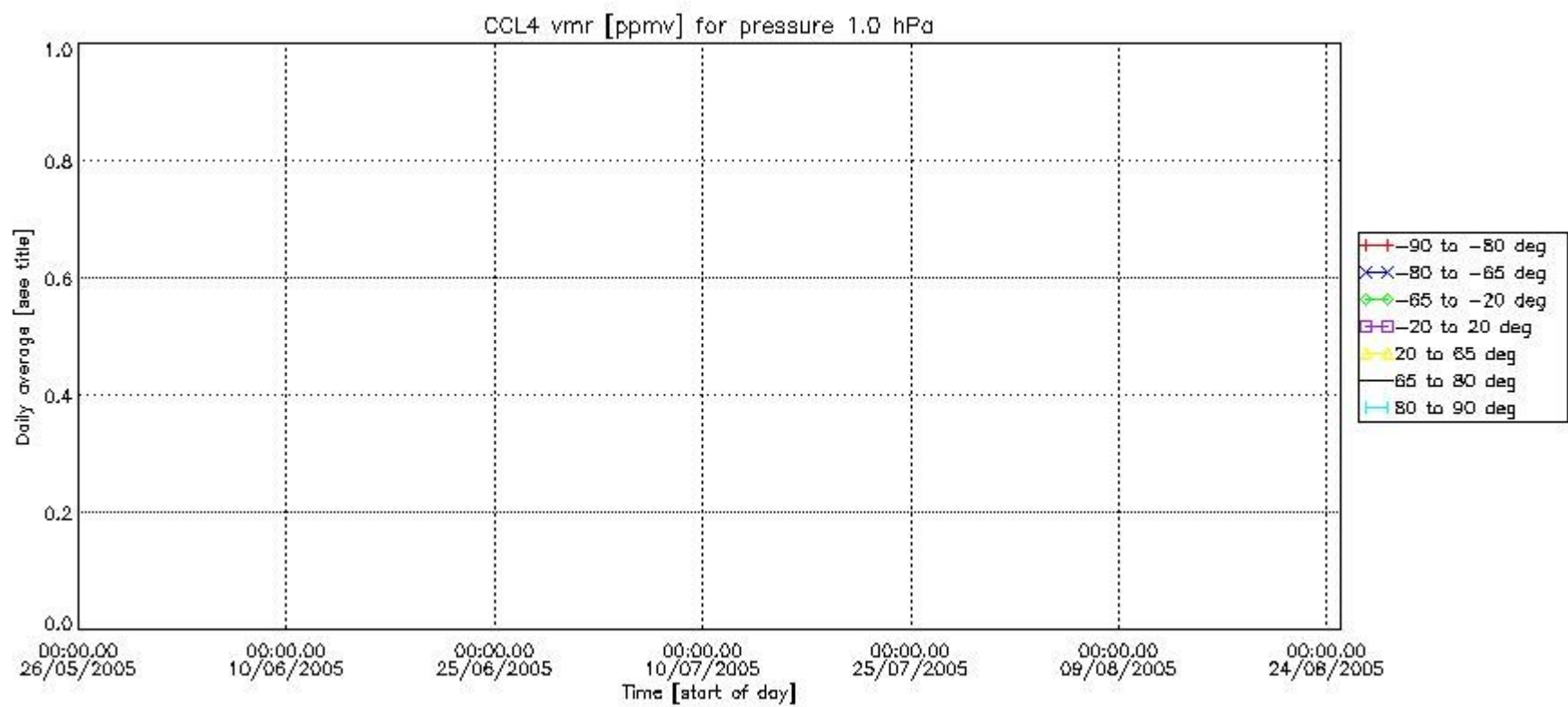
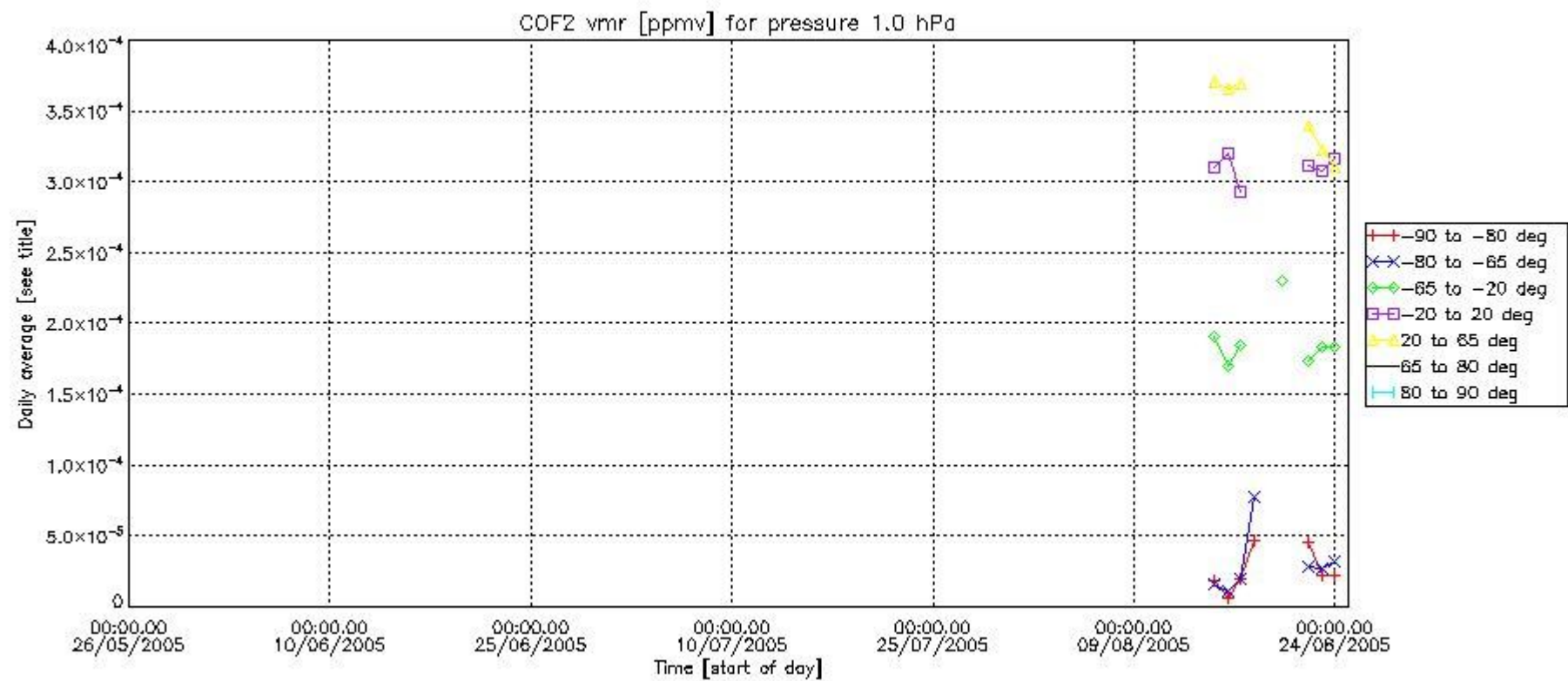


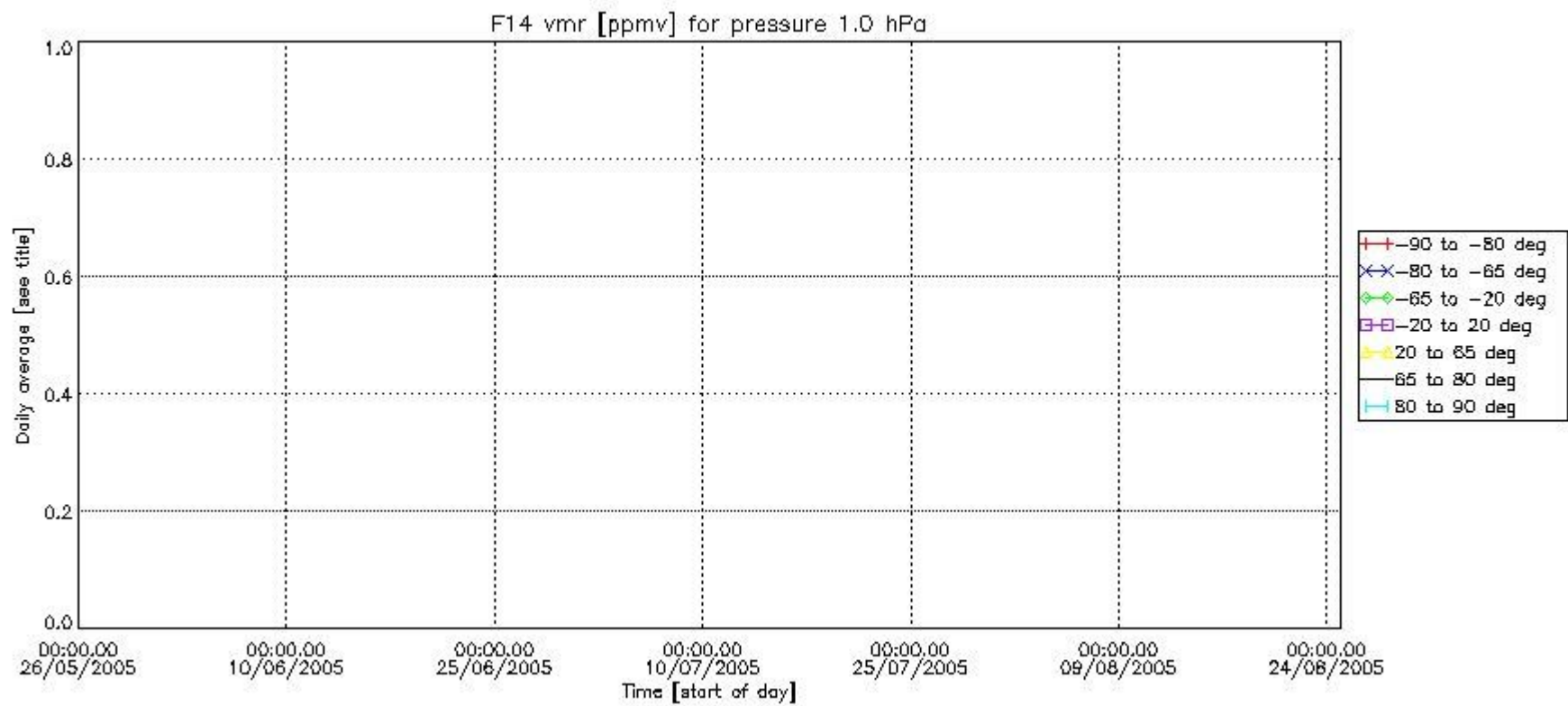
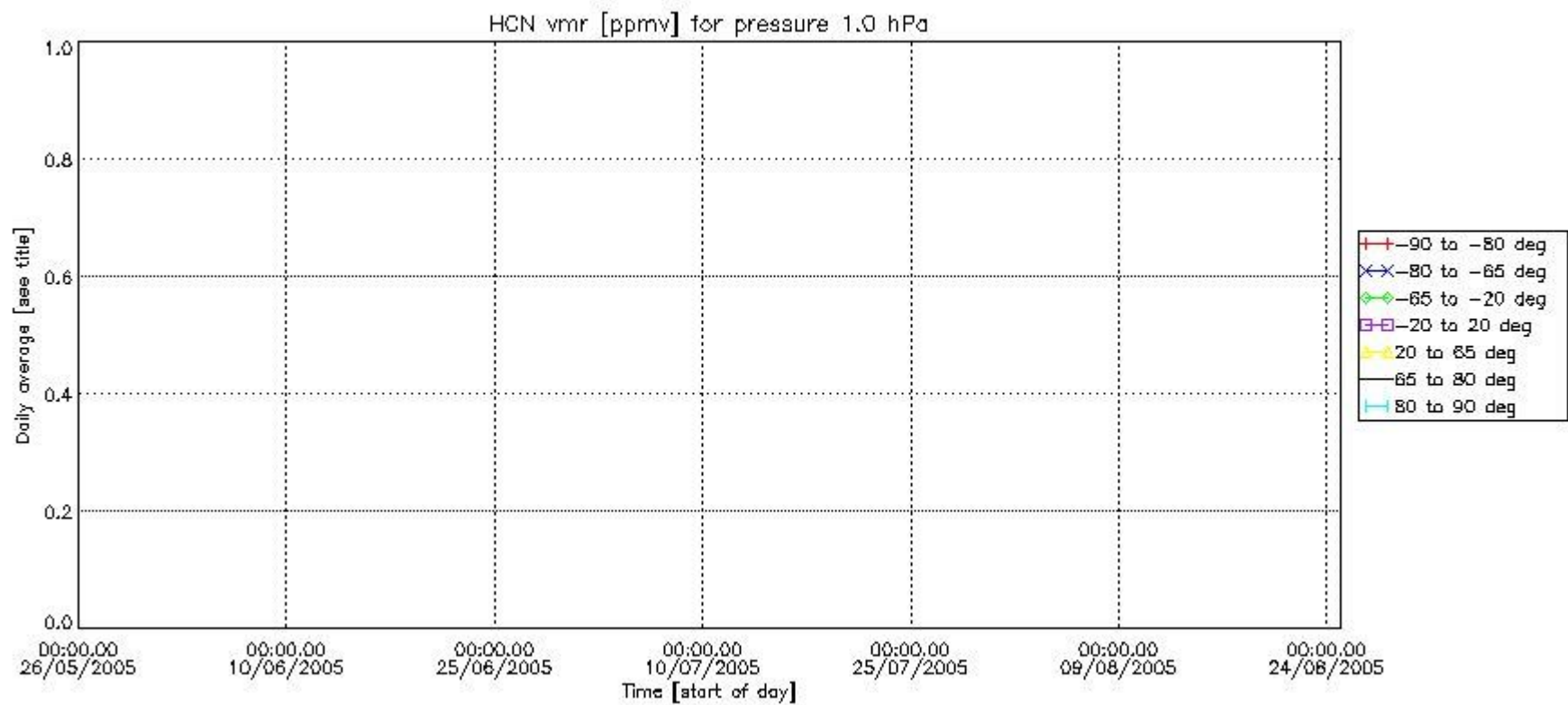


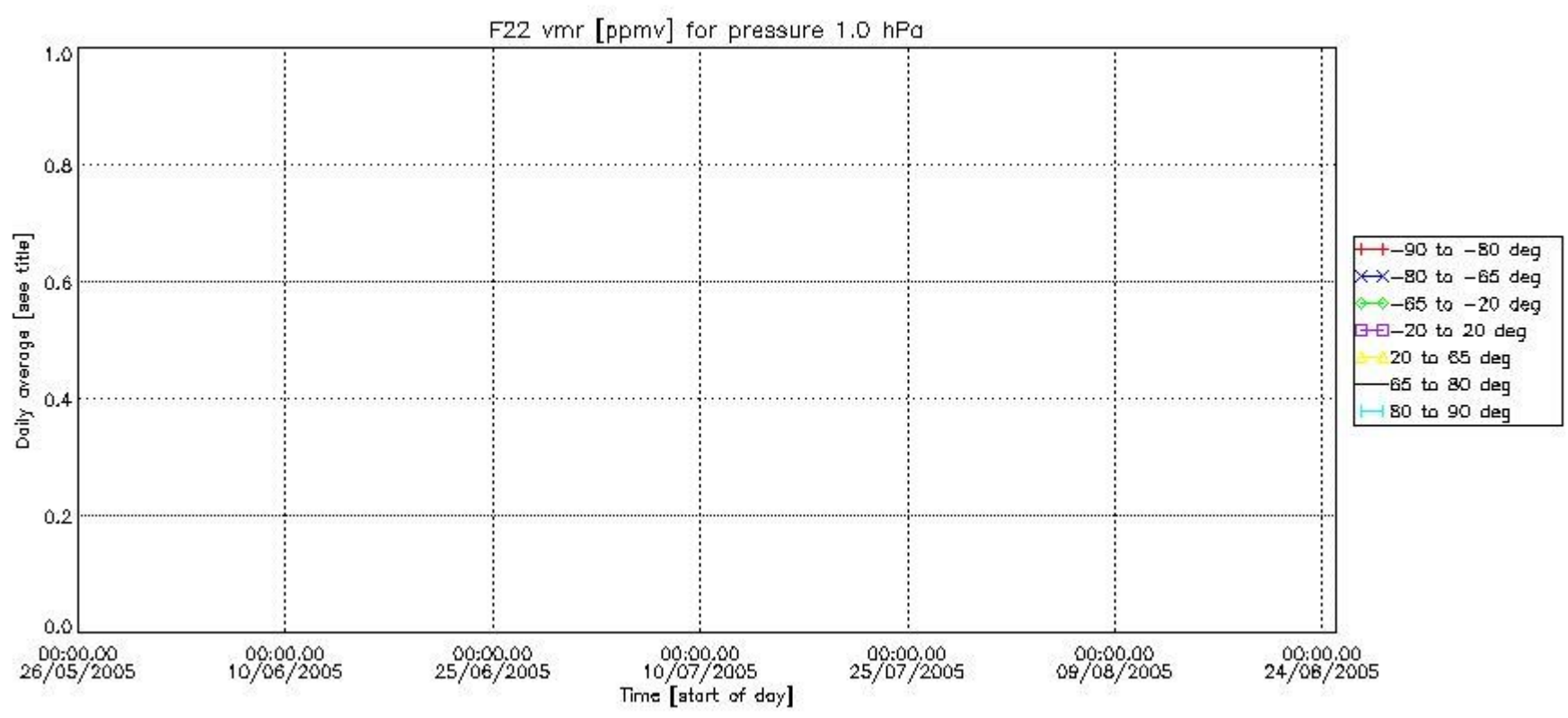












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

