

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050817.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 14:44:15
Data source version	ML2PP/7.03-W
Processing scope for products	17AUG2005 00:00:00 to 18AUG2005 00:00:00
Start time of first product within scope	16AUG2005 23:09:23
Stop time of last product within scope	18AUG2005 00:06:36
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.

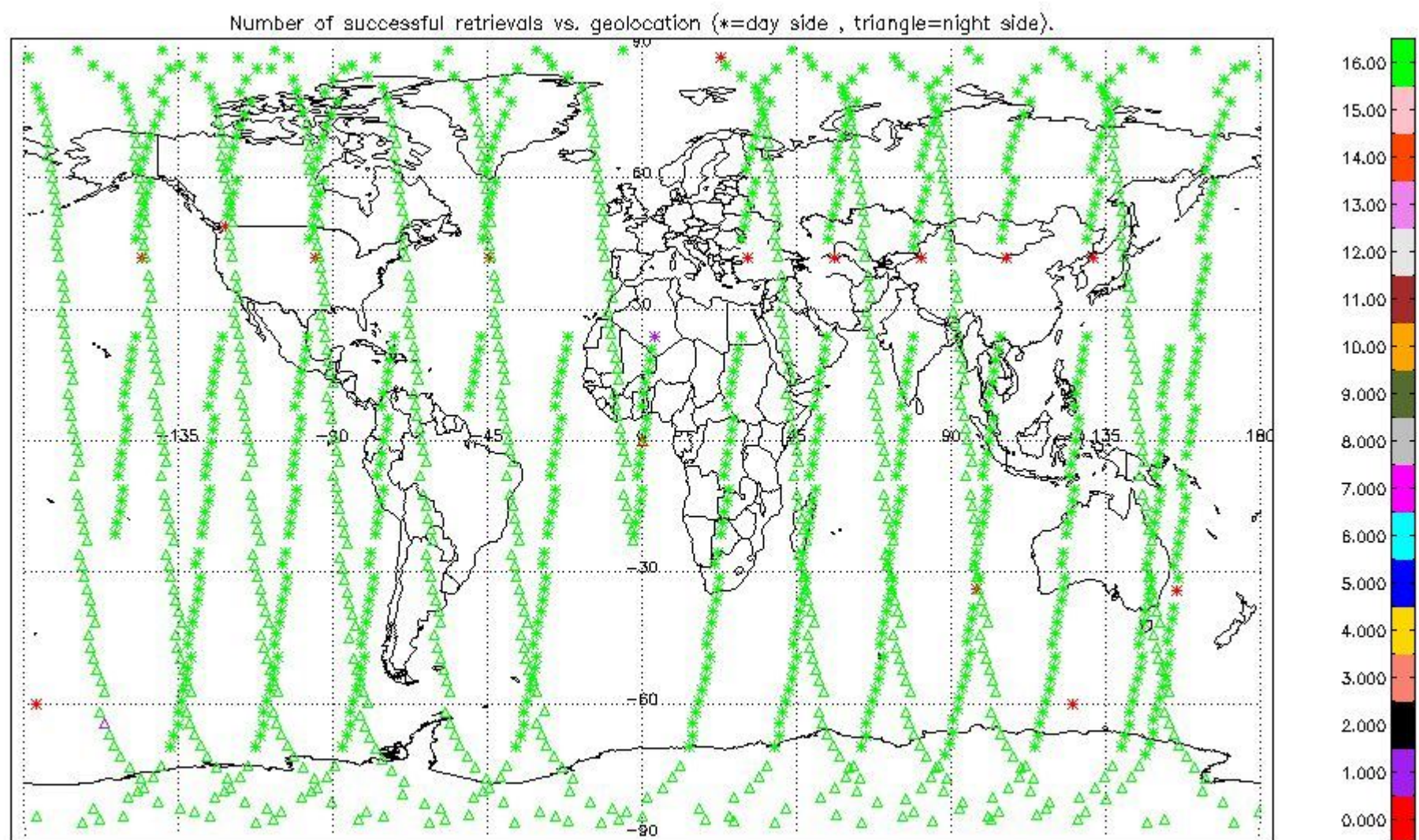
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20050816_230923_000060302040_00016_18106_1000.N1	16AUG2005 23:09:23	17AUG2005 00:49:53	0	127/127	VMR_TERM_MACRO_MICRO[CLNO/micro:1]
1	MIP_NL__2PWDSI20050817_004959_000060302040_00017_18107_1000.N1	17AUG2005 00:49:59	17AUG2005 02:30:29	0	128/128	VMR_TERM_MACRO_MICRO[NO2/micro:1; CLNO/micro:1; HCN/micro:1]
2	MIP_NL__2PWDSI20050817_023035_000060172040_00018_18108_1000.N1	17AUG2005 02:30:35	17AUG2005 04:10:52	0	128/127	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
3	MIP_NL__2PWDSI20050817_041059_000060422040_00019_18109_1000.N1	17AUG2005 04:10:59	17AUG2005 05:51:41	0	129/129	VMR_TERM_MACRO_MICRO[CLNO/macro:1]
4	MIP_NL__2PWDSI20050817_055147_000060302040_00020_18110_1000.N1	17AUG2005 05:51:47	17AUG2005 07:32:17	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]
5	MIP_NL__2PWDSI20050817_073223_000060302040_00021_18111_1000.N1	17AUG2005 07:32:23	17AUG2005 09:12:53	0	128/128	P_T_TERM_MACRO_MICRO[micro:1], VMR_TERM_MACRO_MICRO[F14/macro:1]
6	MIP_NL__2PWDSI20050817_091259_000037912040_00022_18112_1000.N1	17AUG2005 09:12:59	17AUG2005 10:16:10	0	62/62	P_T_TERM_MACRO_MICRO[micro:1]
7	MIP_NL__2PWDSI20050817_114342_000029782040_00023_18113_1000.N1	17AUG2005 11:43:42	17AUG2005 12:33:21	0	66/66	
8	MIP_NL__2PWDSI20050817_123411_000033092040_00024_18114_1000.N1	17AUG2005 12:34:11	17AUG2005 13:29:19	0	68/68	VMR_TERM_MACRO_MICRO[HCN/macro:3]
9	MIP_NL__2PWDSI20050817_150454_000029782040_00025_18115_1000.N1	17AUG2005 15:04:54	17AUG2005 15:54:32	0	66/66	VMR_TERM_MACRO_MICRO[NO2/micro:1; CLNO/micro:1]
10	MIP_NL__2PWDSI20050817_155522_000060302040_00026_18116_1000.N1	17AUG2005 15:55:22	17AUG2005 17:35:52	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1]
11	MIP_NL__2PWDSI20050817_173559_000060302040_00027_18117_1000.N1	17AUG2005 17:35:59	17AUG2005 19:16:28	0	125/125	VMR_TERM_MACRO_MICRO[HCN/macro:3; F14/macro:1; HCN/micro:2]
12	MIP_NL__2PWDSI20050817_191635_000037912040_00028_18118_1000.N1	17AUG2005 19:16:35	17AUG2005 20:19:46	0	79/79	VMR_TERM_MACRO_MICRO[HCN/micro:1]
13	MIP_NL__2PWDSI20050817_223746_000053302040_00030_18120_1000.N1	17AUG2005 22:37:46	18AUG2005 00:06:36	0	118/117	VMR_TERM_MACRO_MICRO[CLNO/micro:1; HCN/micro:2]

2.2 Processing performance indicators

2.2.1 Successful retrievals

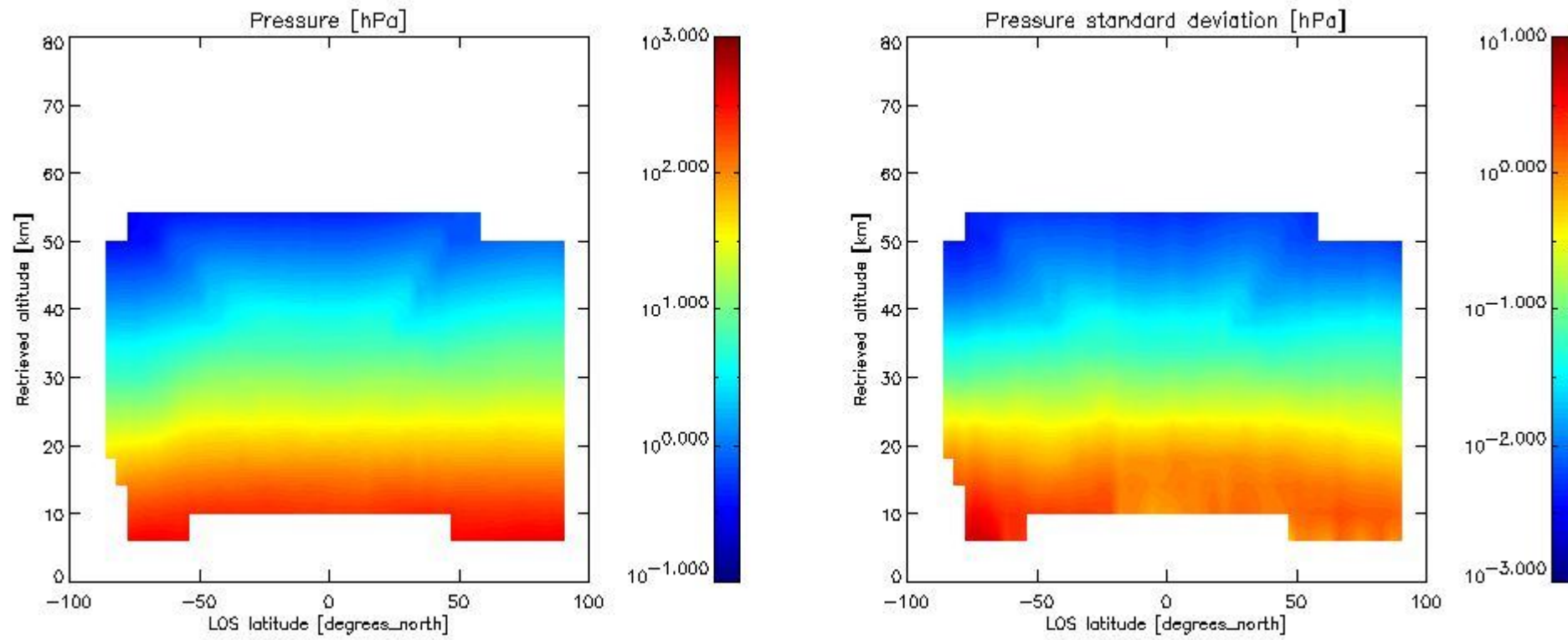
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1478	1387	93.843
H2O	1478	1385	93.708
O3	1478	1385	93.708
HNO3	1478	1385	93.708
CH4	1478	1385	93.708
N2O	1478	1385	93.708
NO2	1478	1385	93.708
F11	1478	1385	93.708
CLNO	1478	1385	93.708
N2O5	1478	1385	93.708
F12	1478	1385	93.708
COF2	1478	1385	93.708
CCL4	1478	1385	93.708
HCN	1478	1385	93.708
F14	1478	1385	93.708
F22	1478	1385	93.708



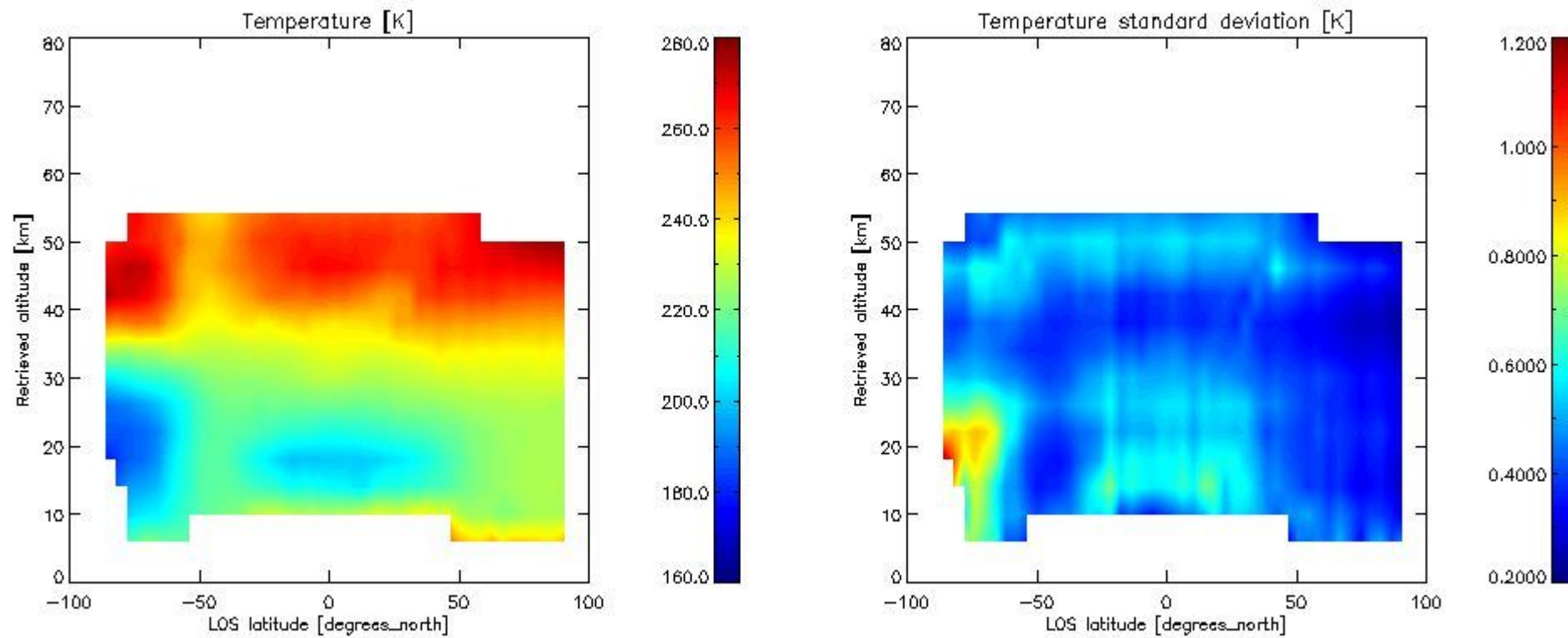
2.2.2 Pressure overview

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



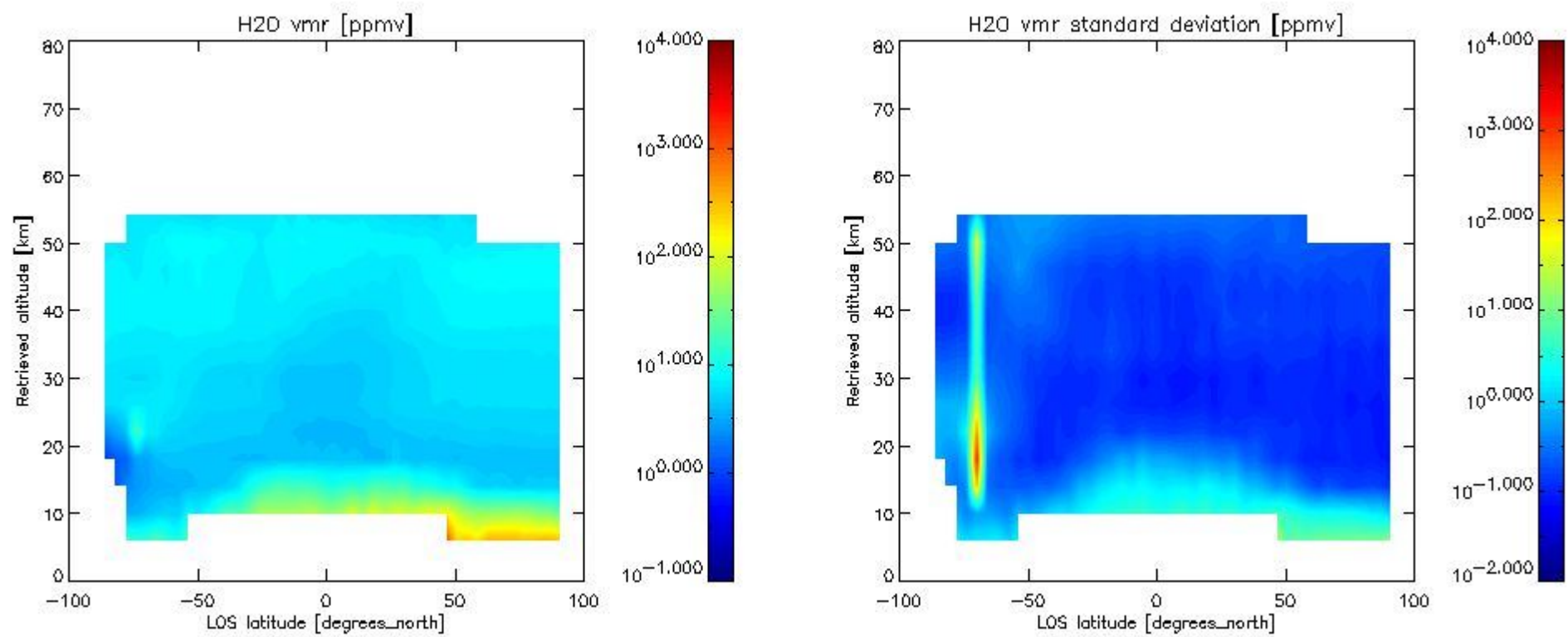
2.2.3 Temperature overview

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

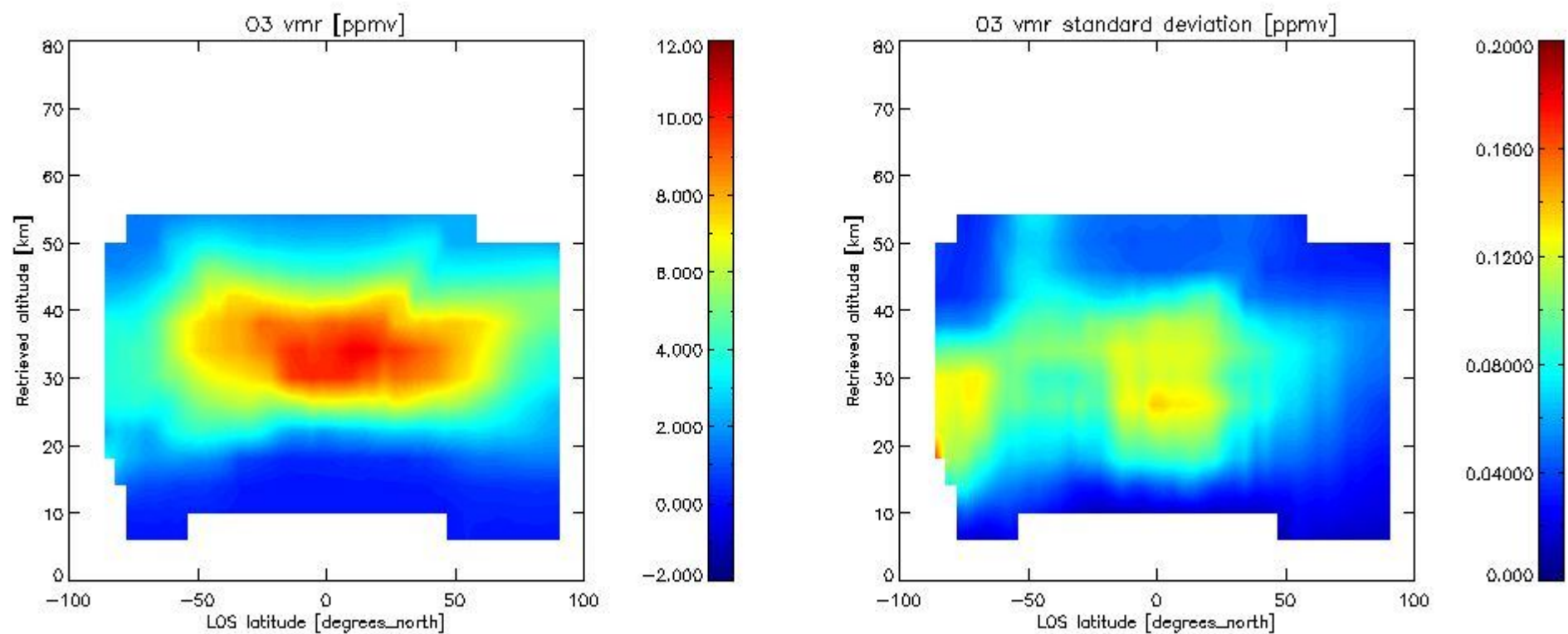


2.2.4 Species overview

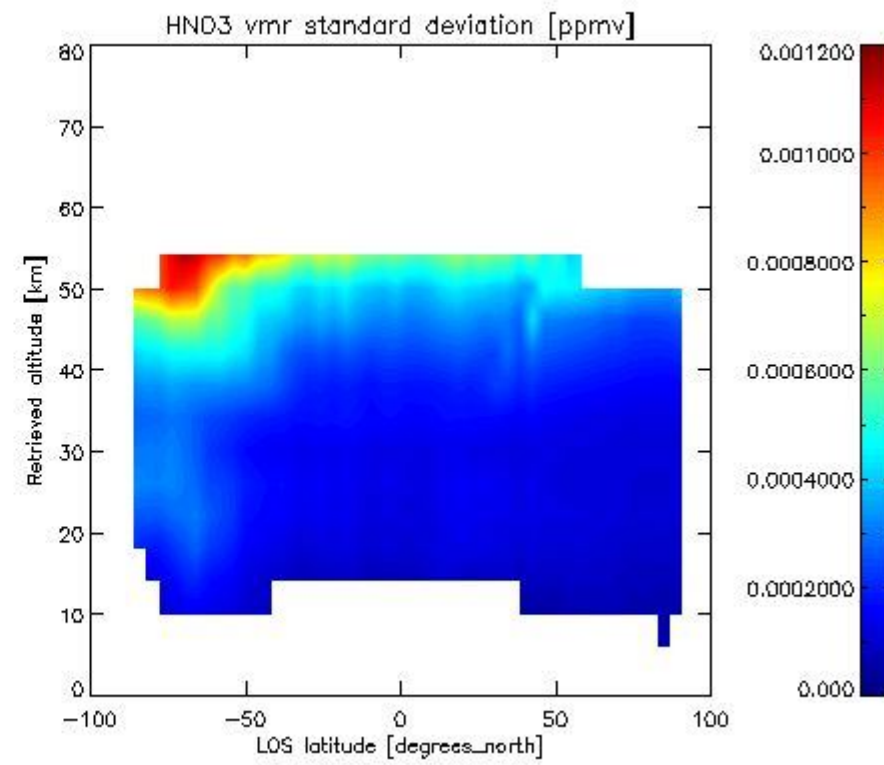
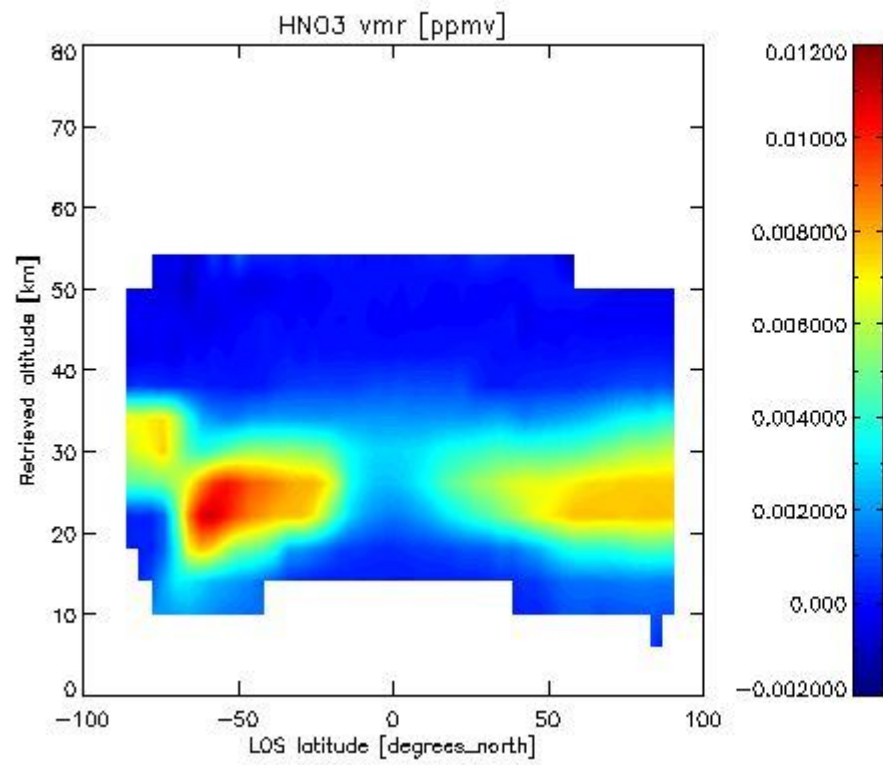
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



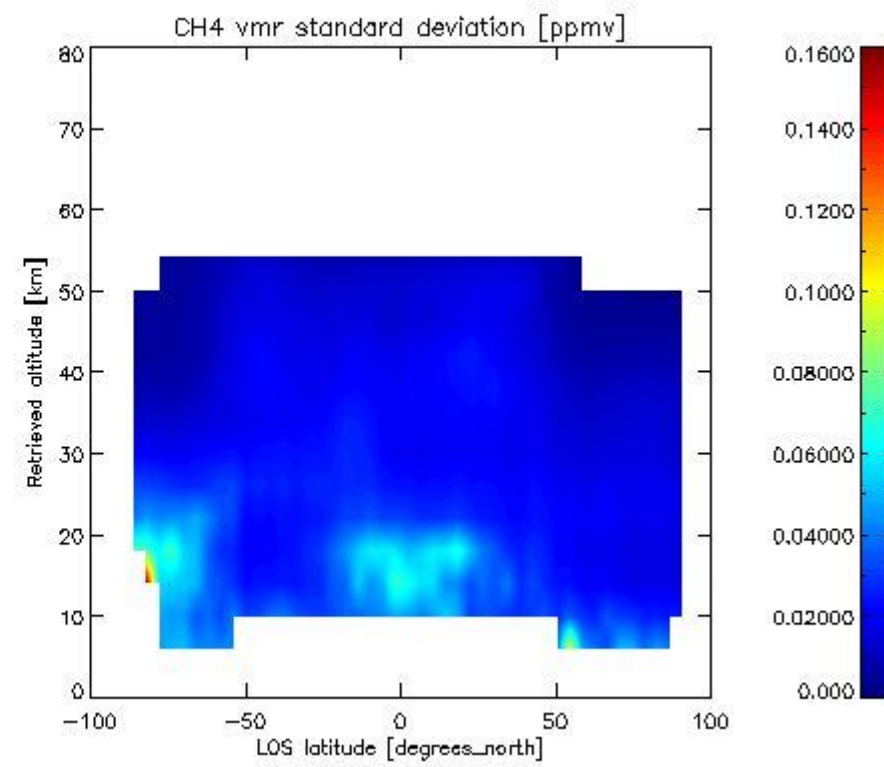
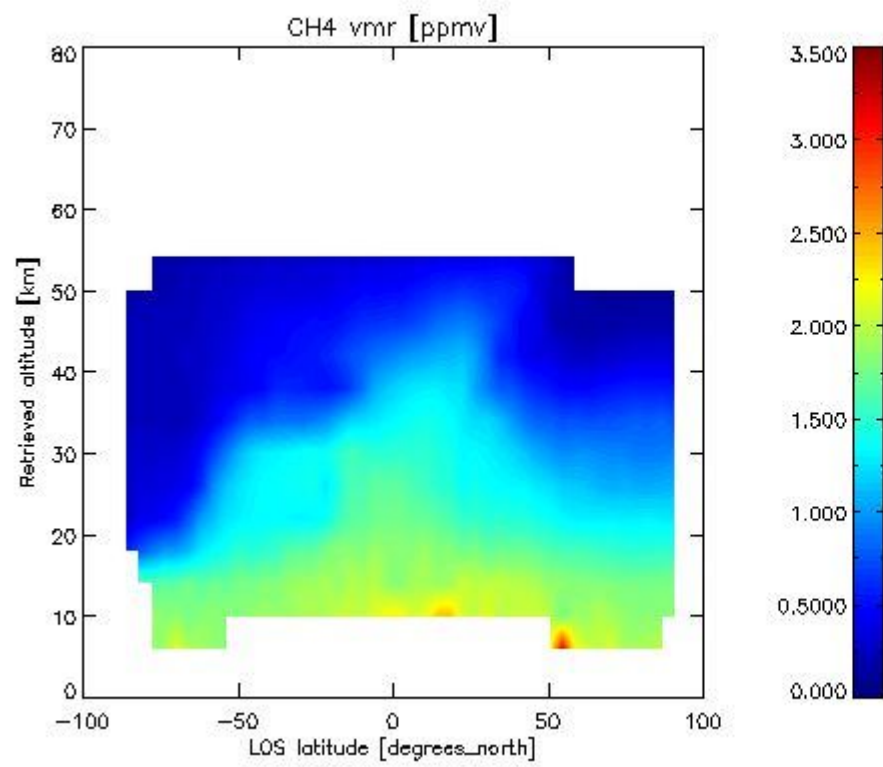
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



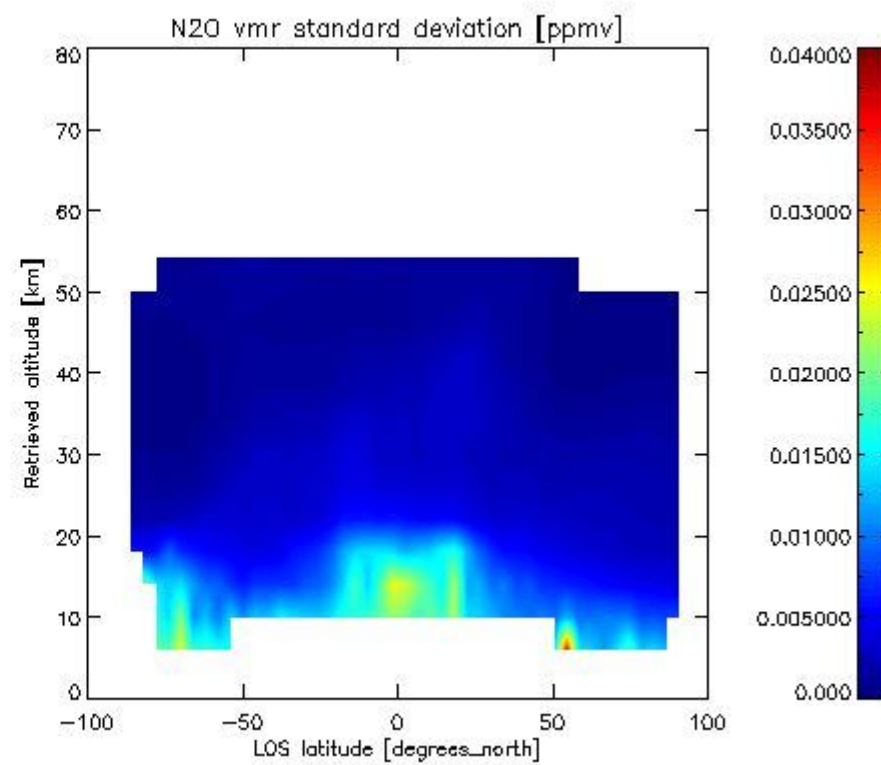
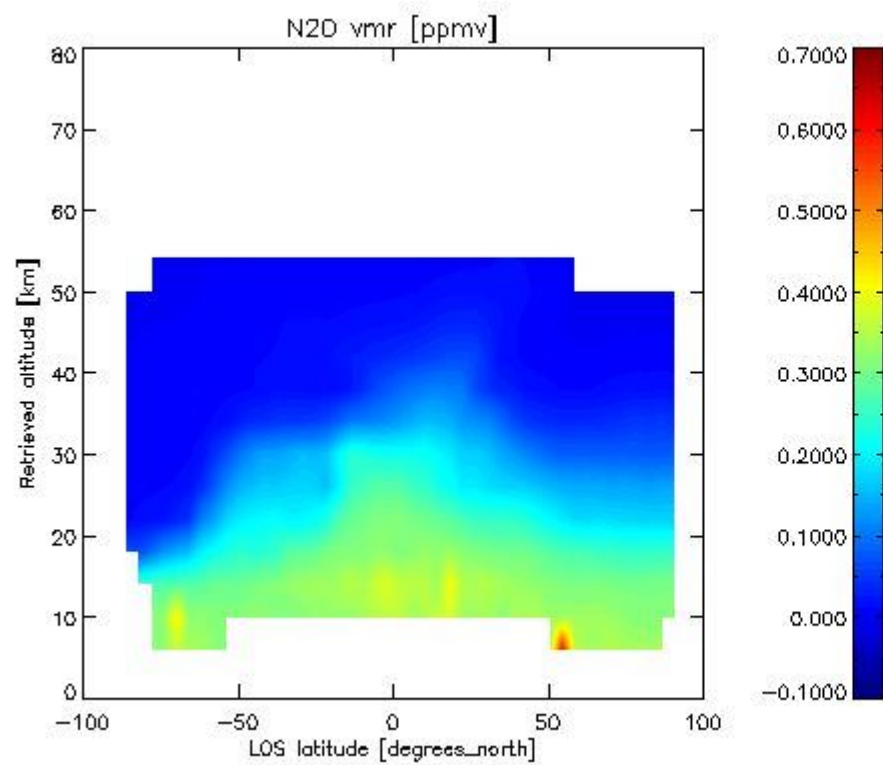
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



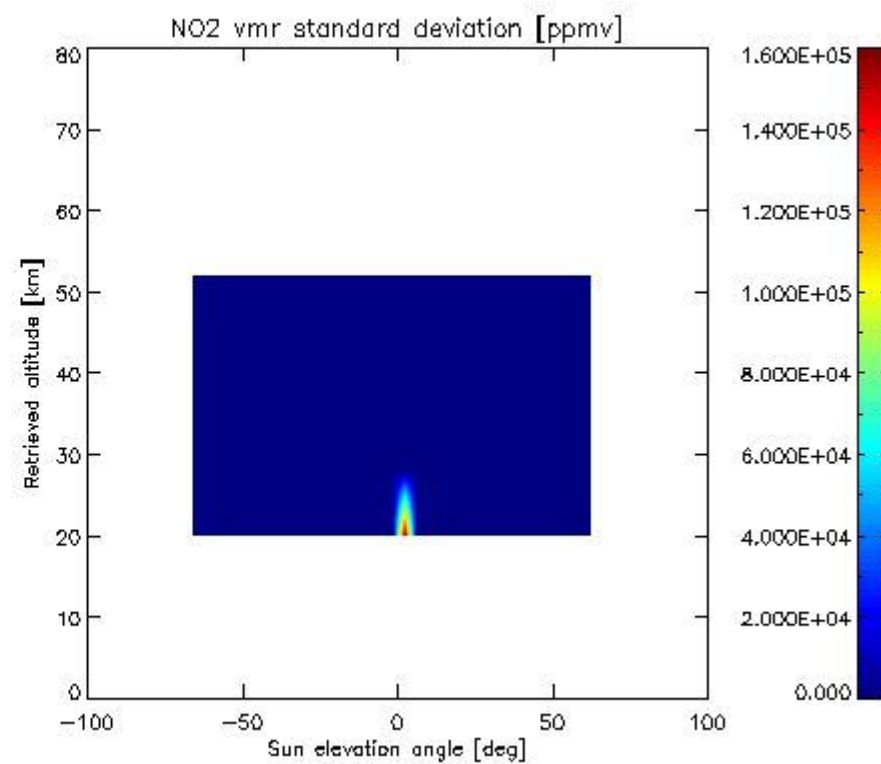
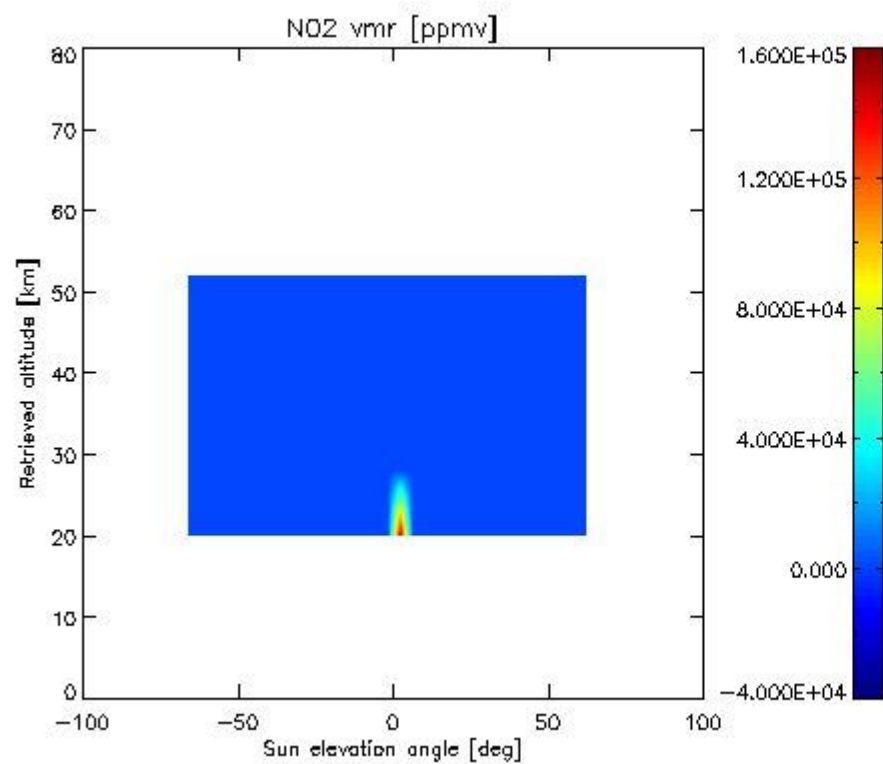
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



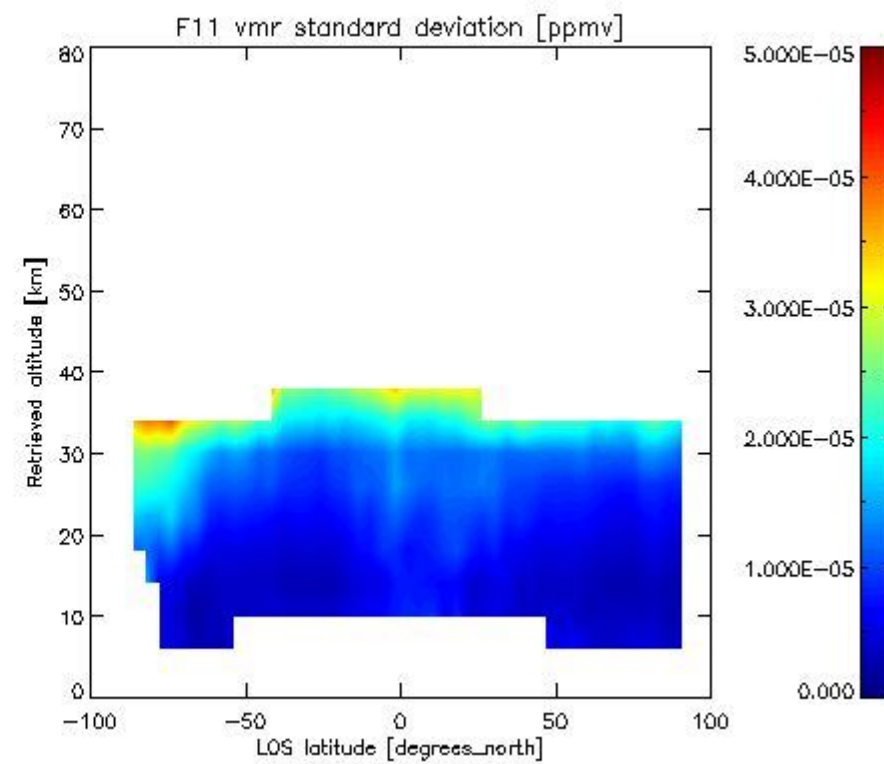
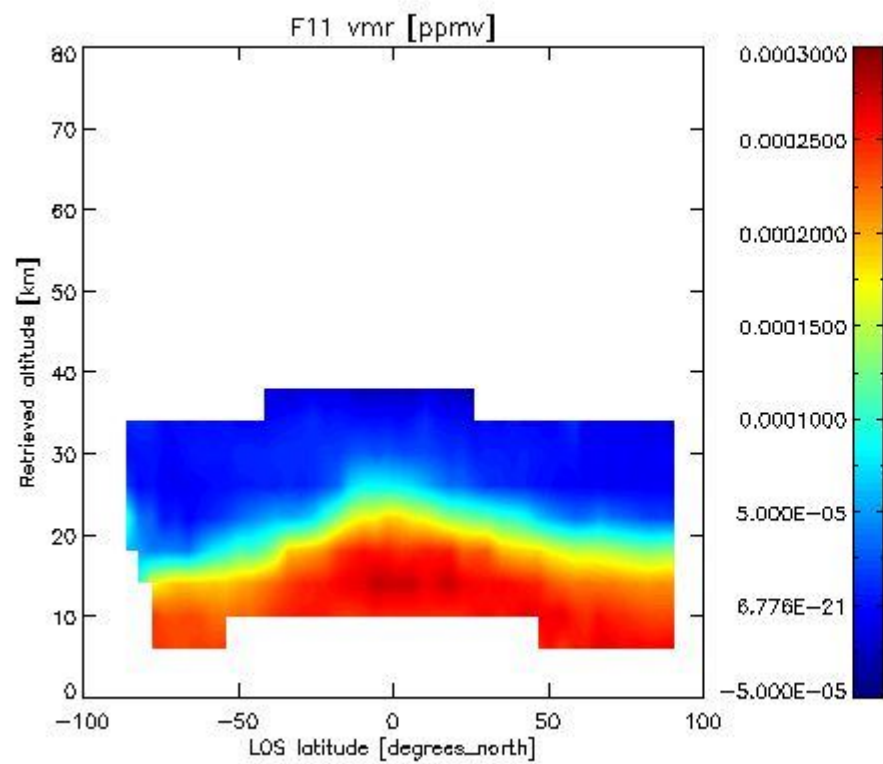
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



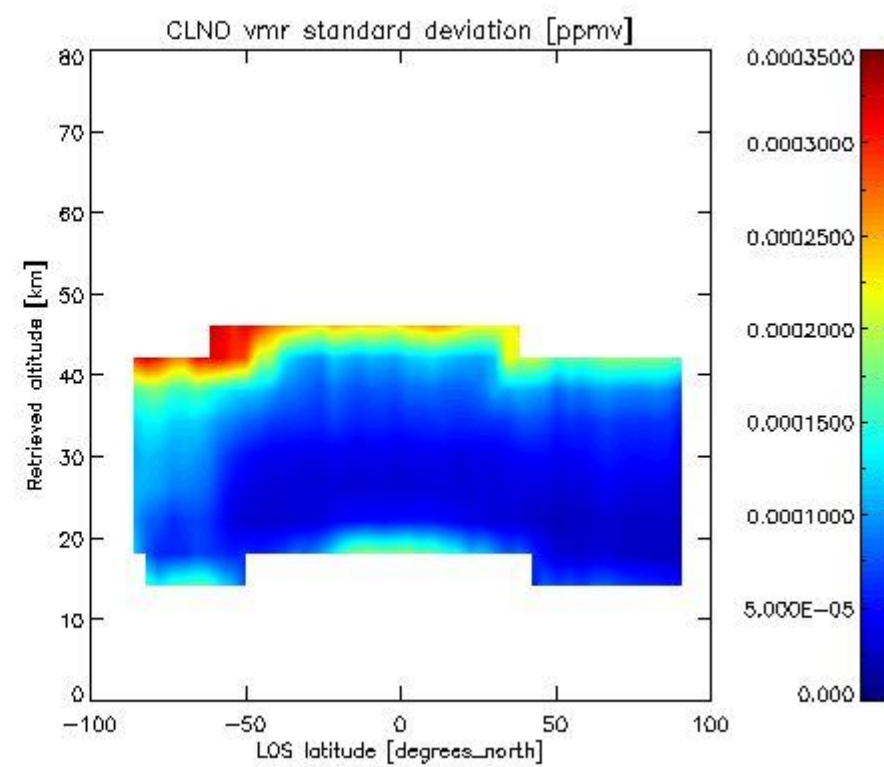
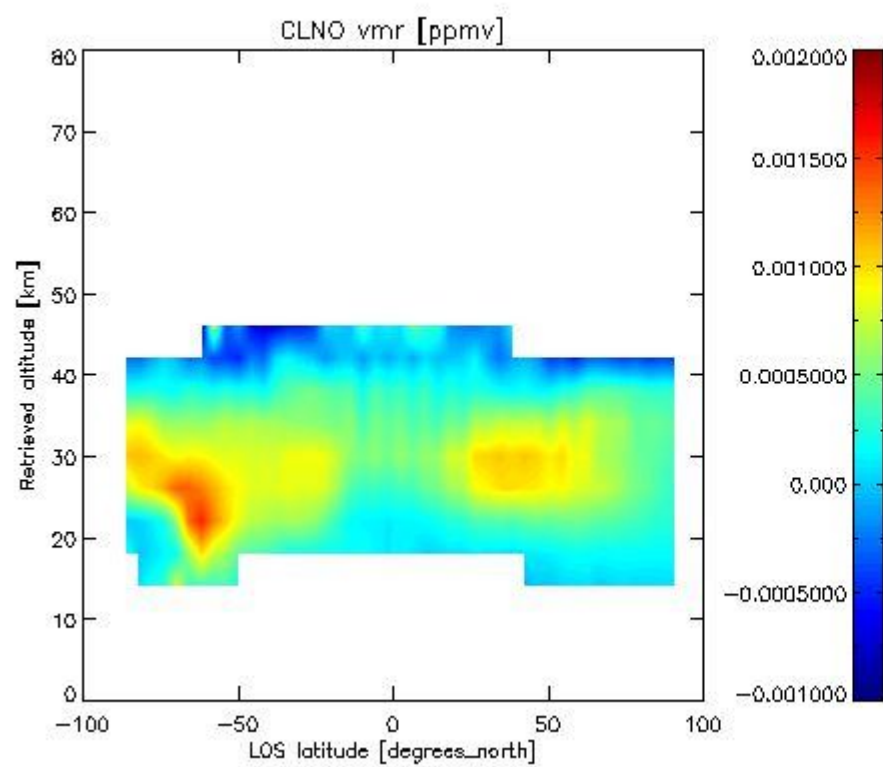
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 8 km.

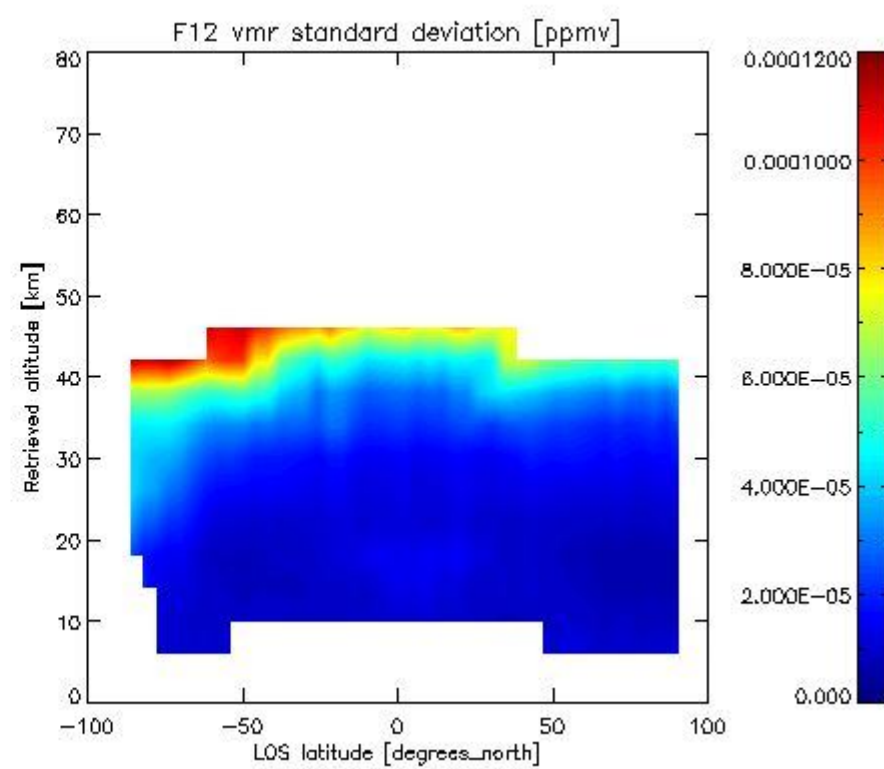
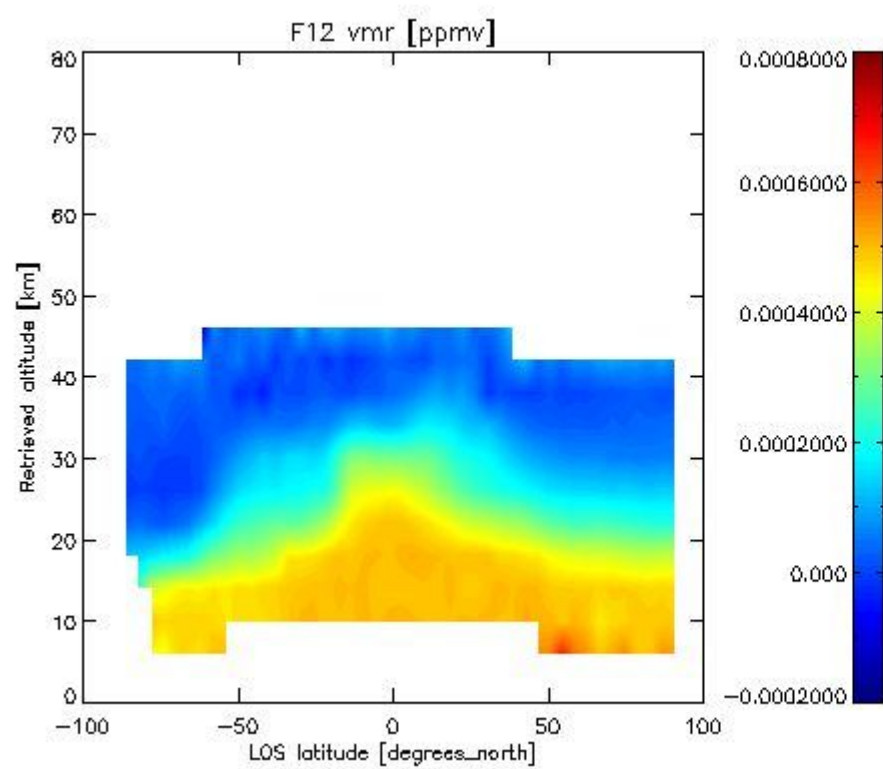
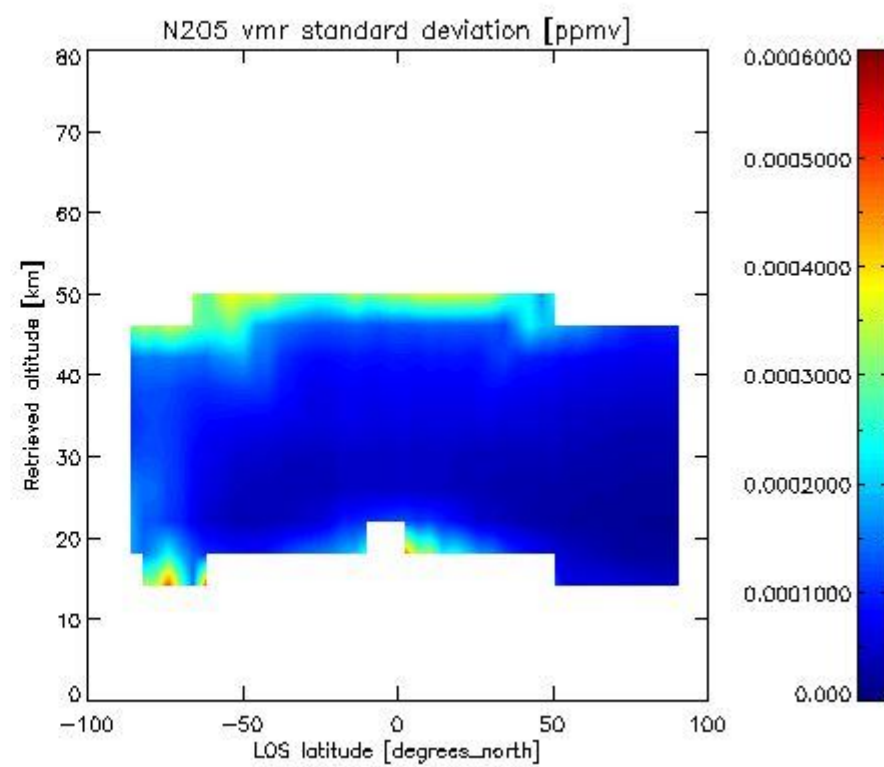
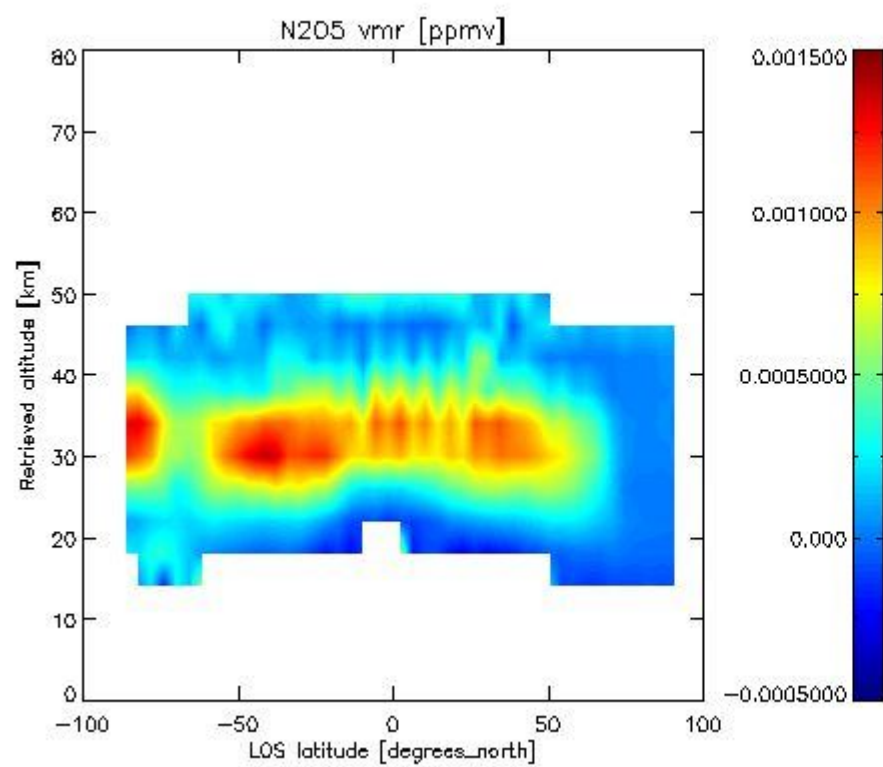


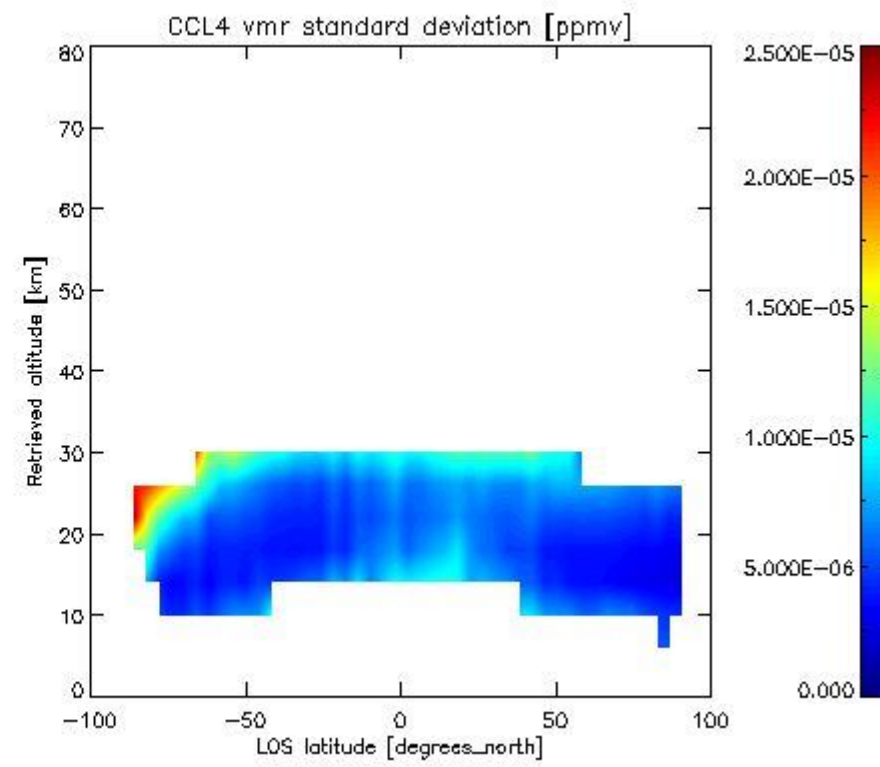
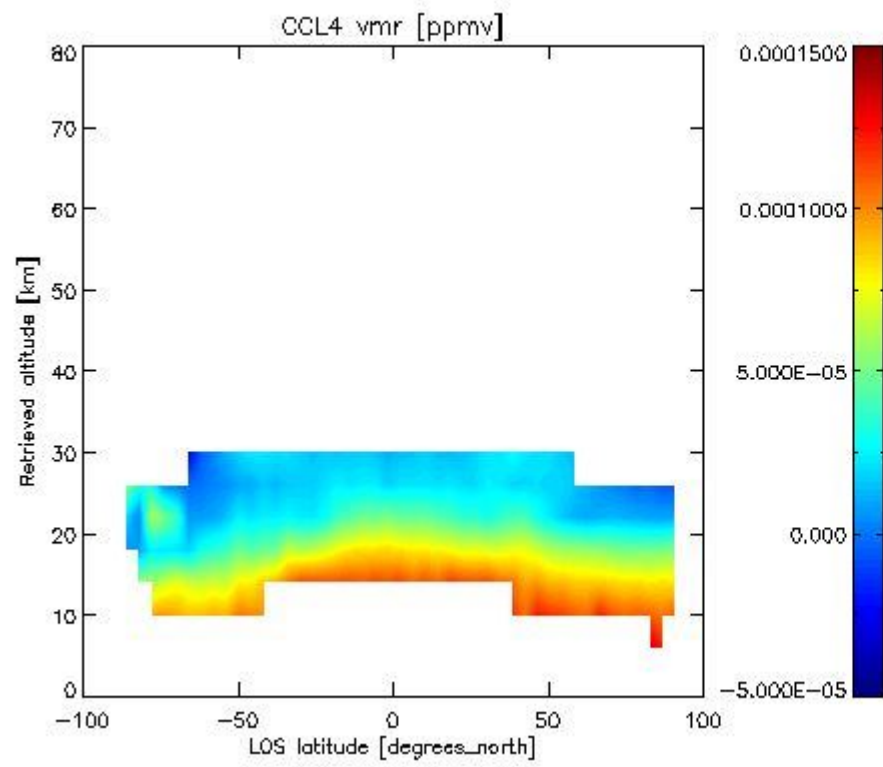
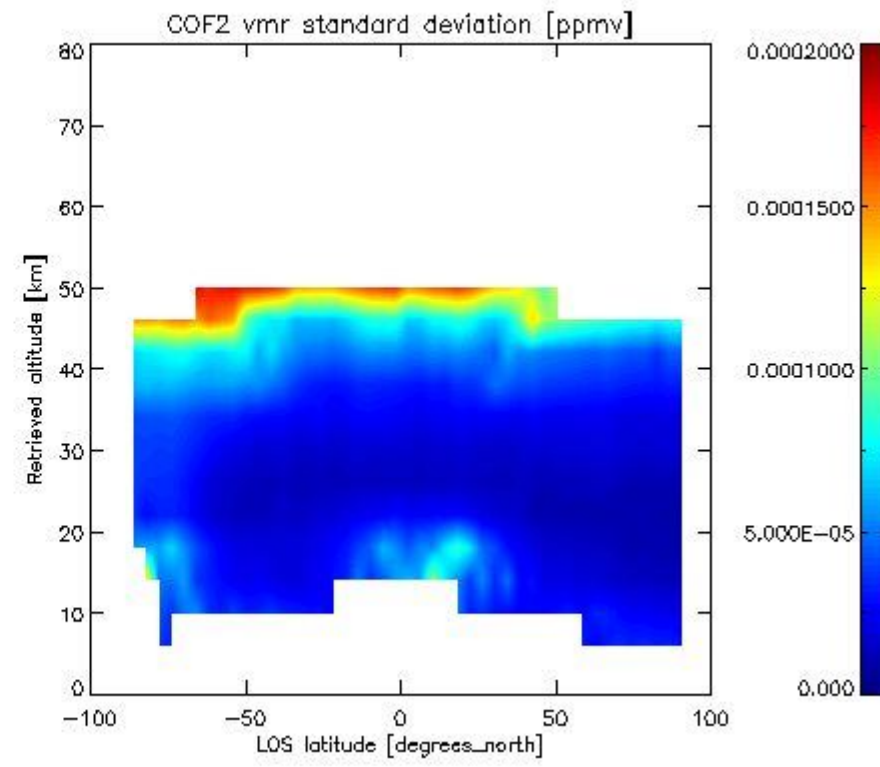
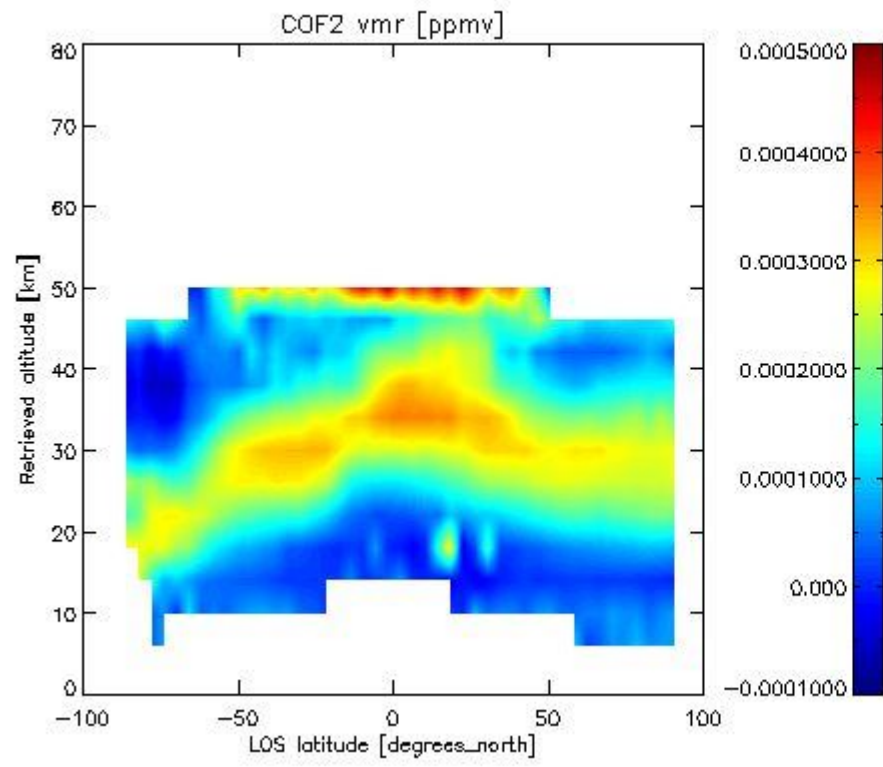
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

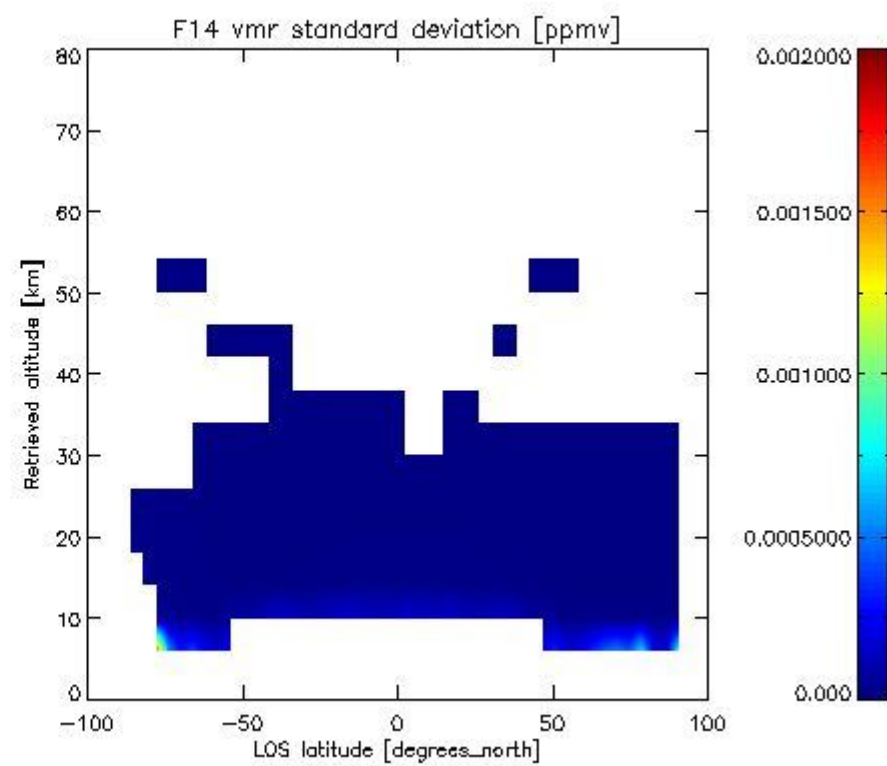
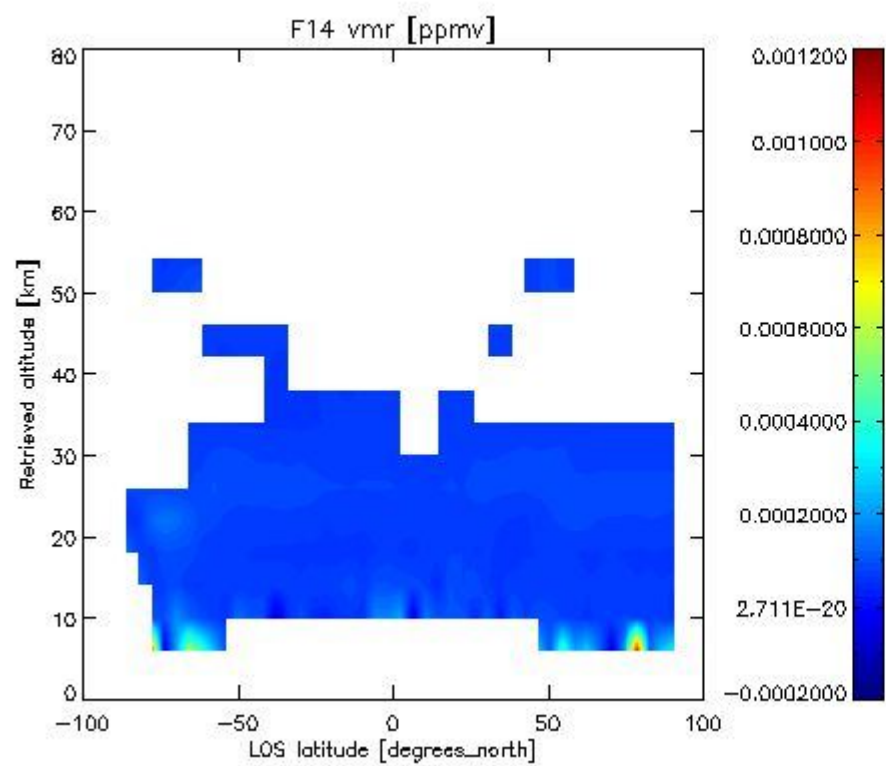
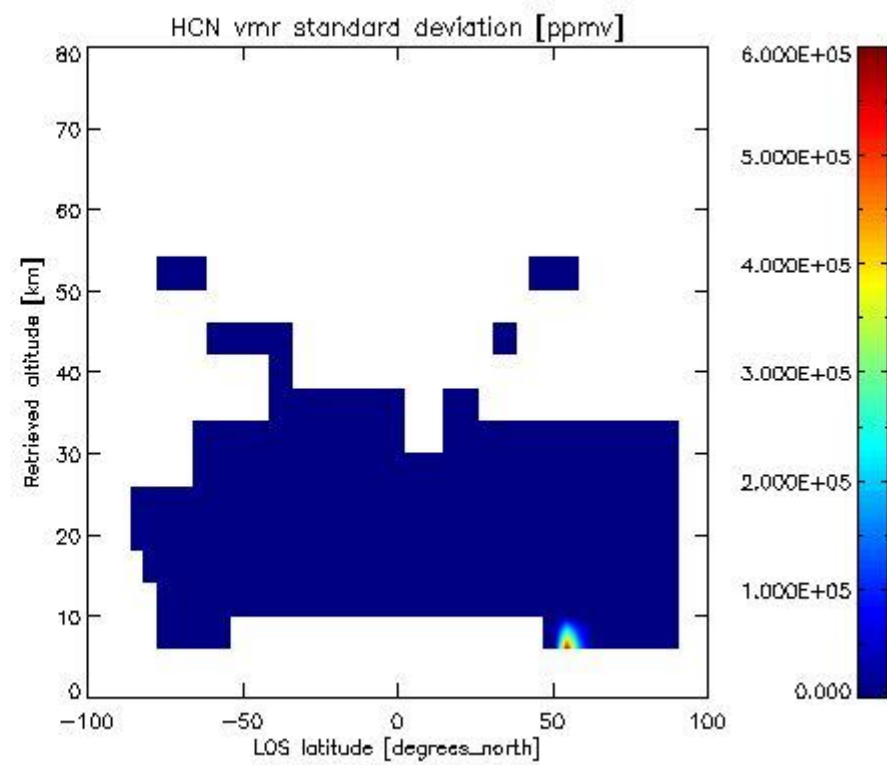
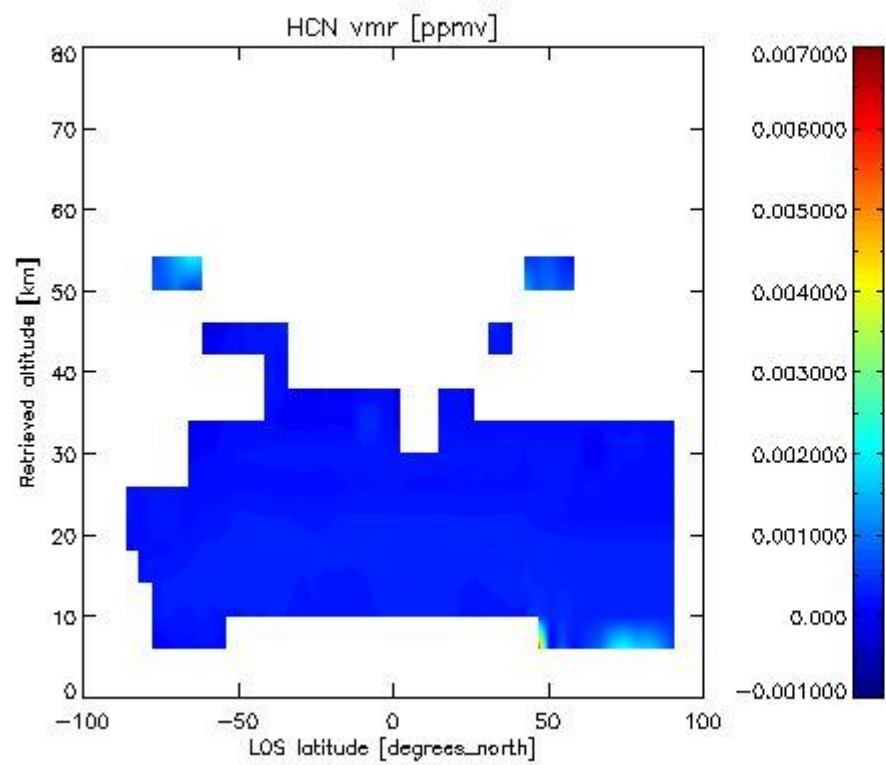


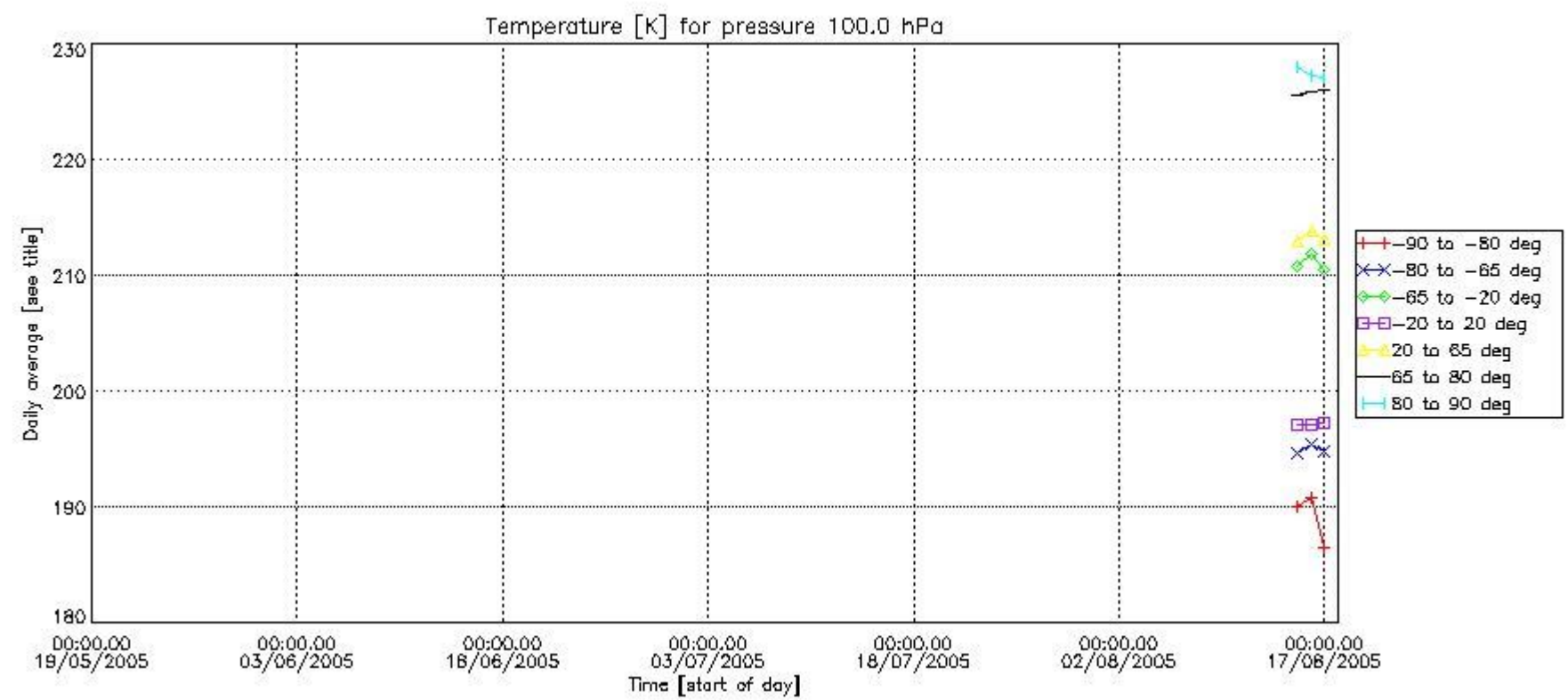
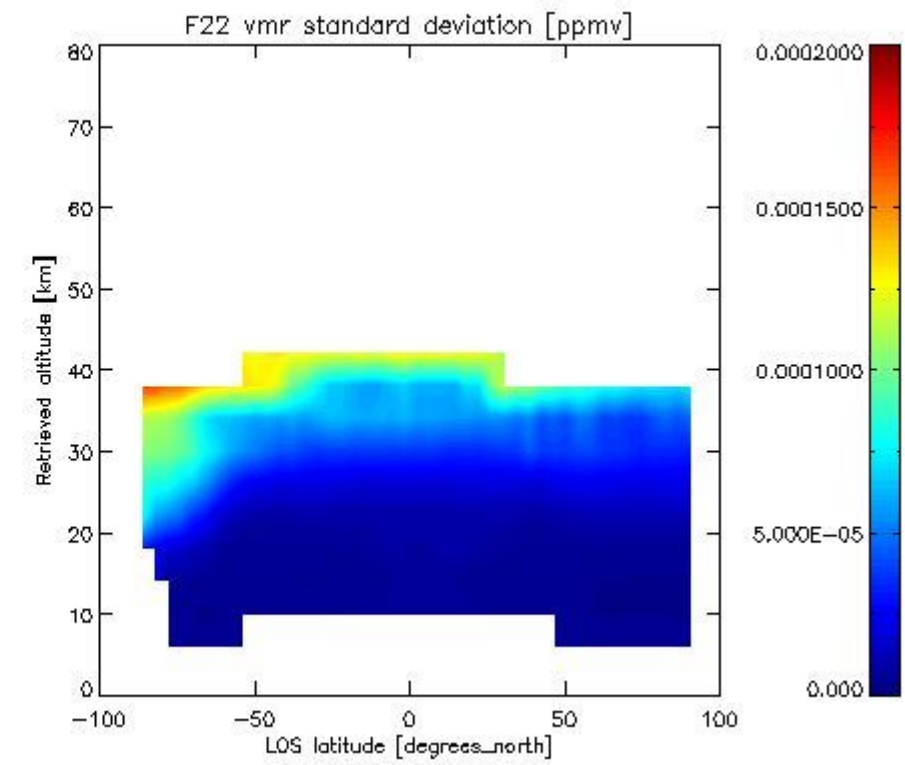
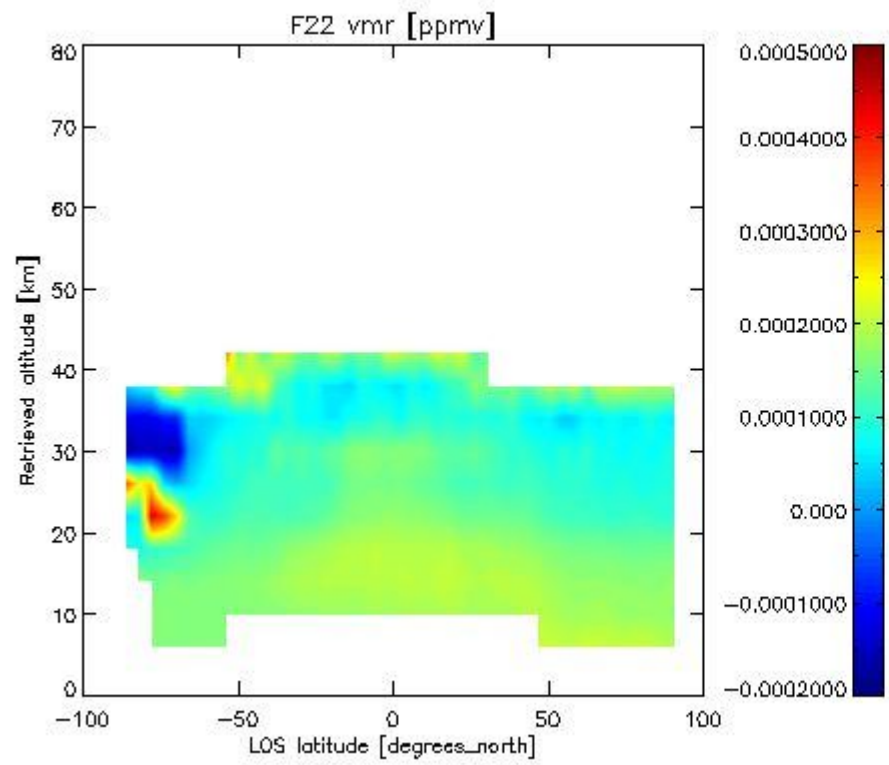
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

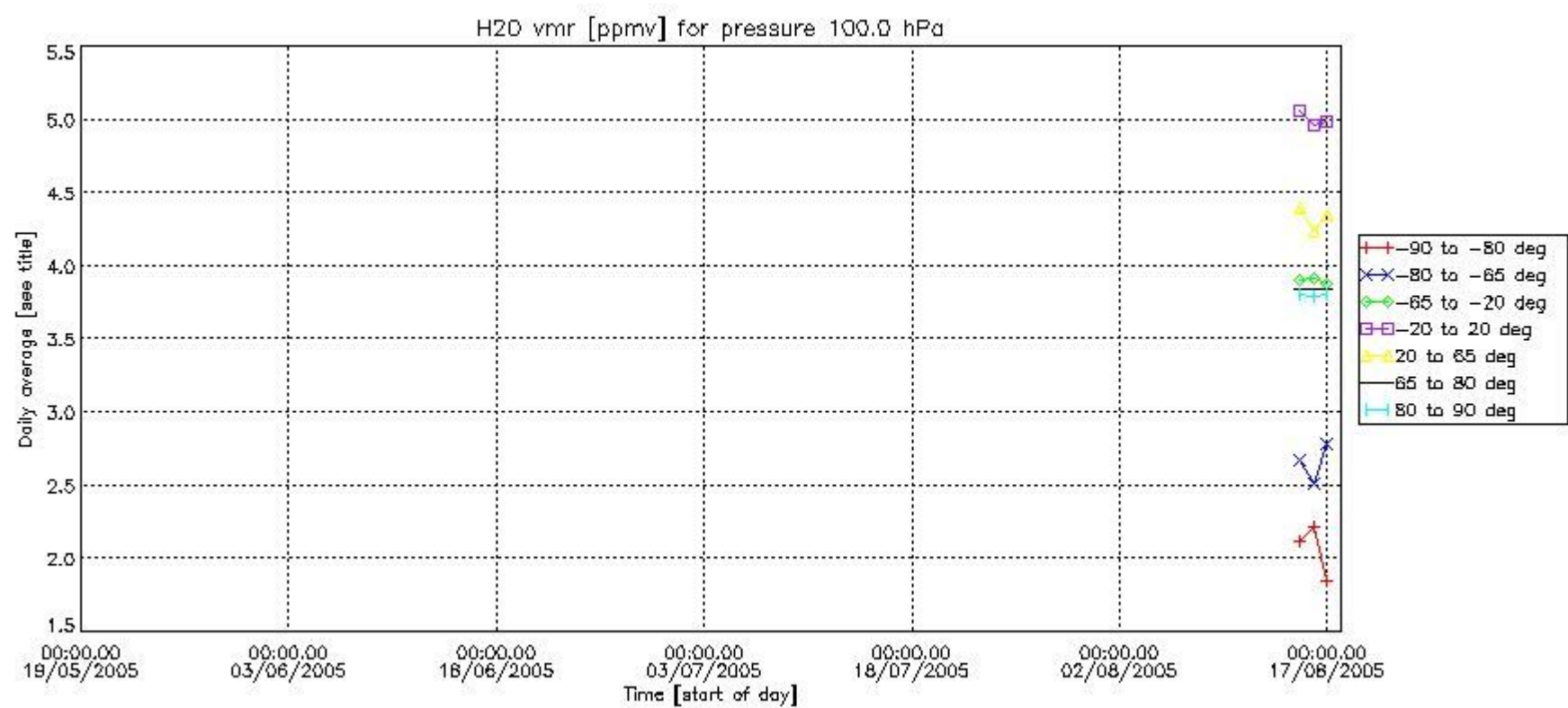
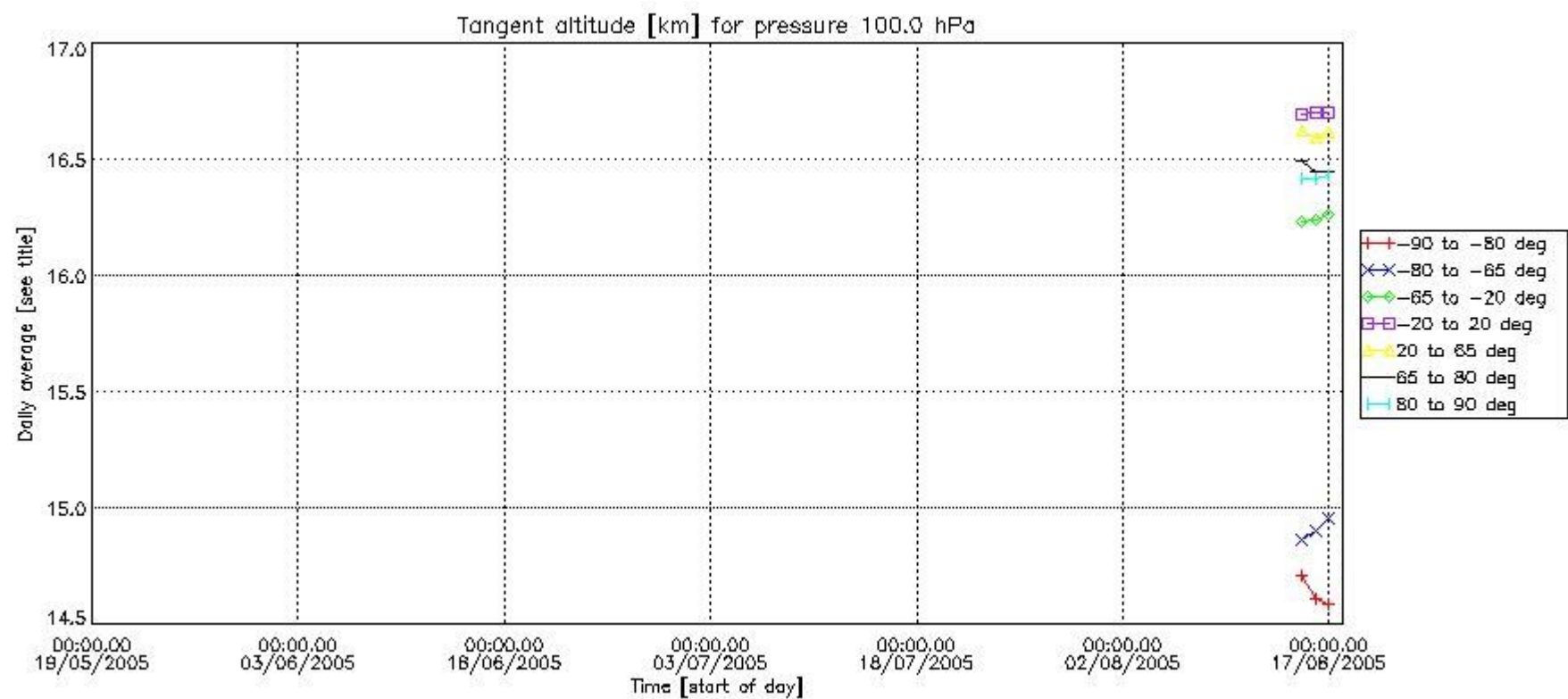


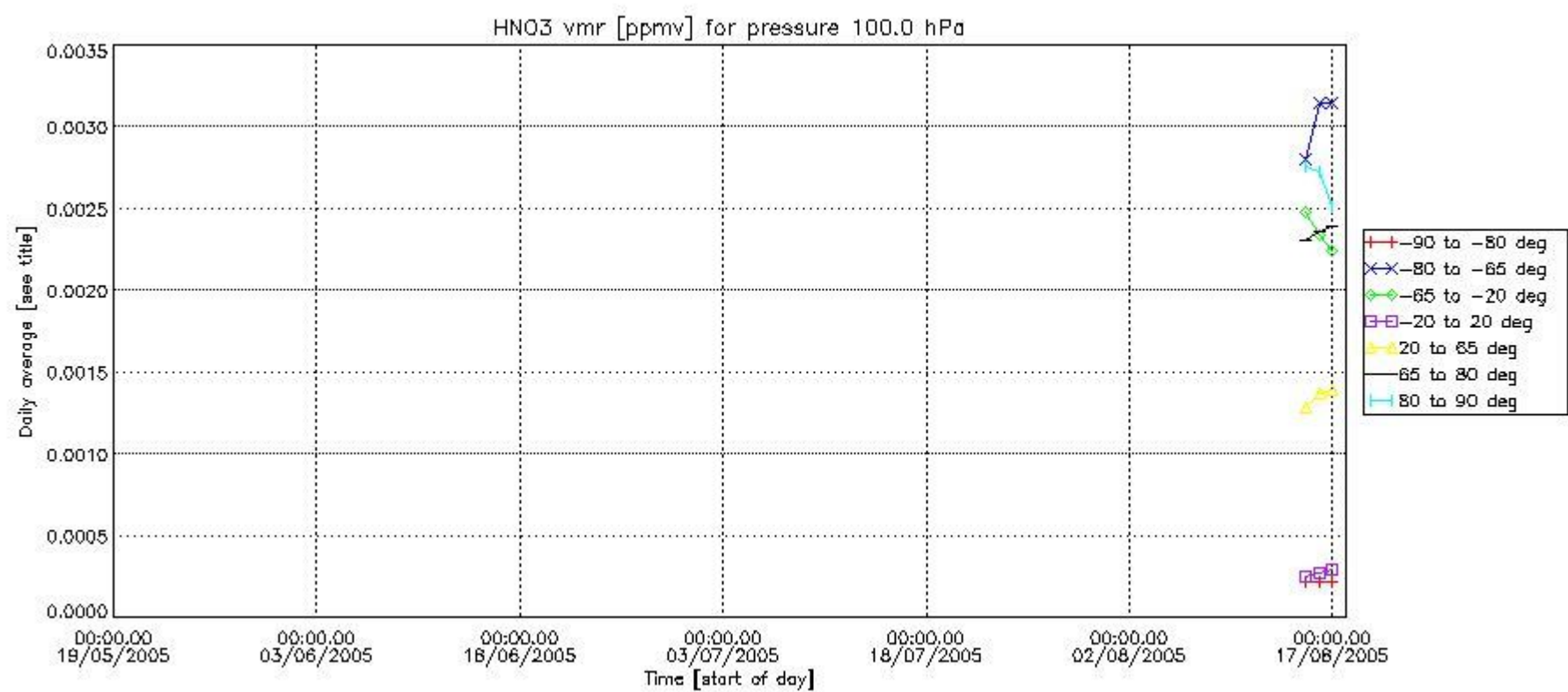
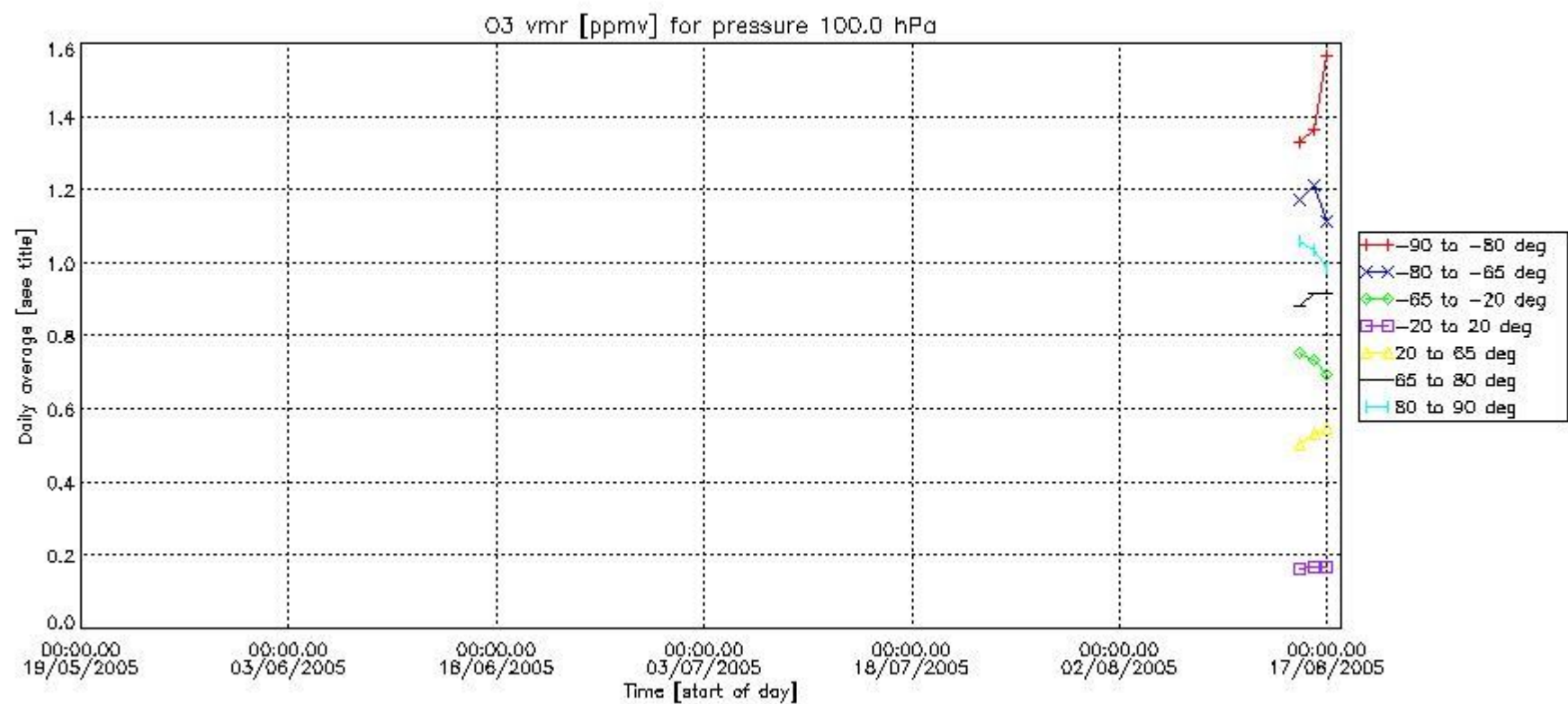


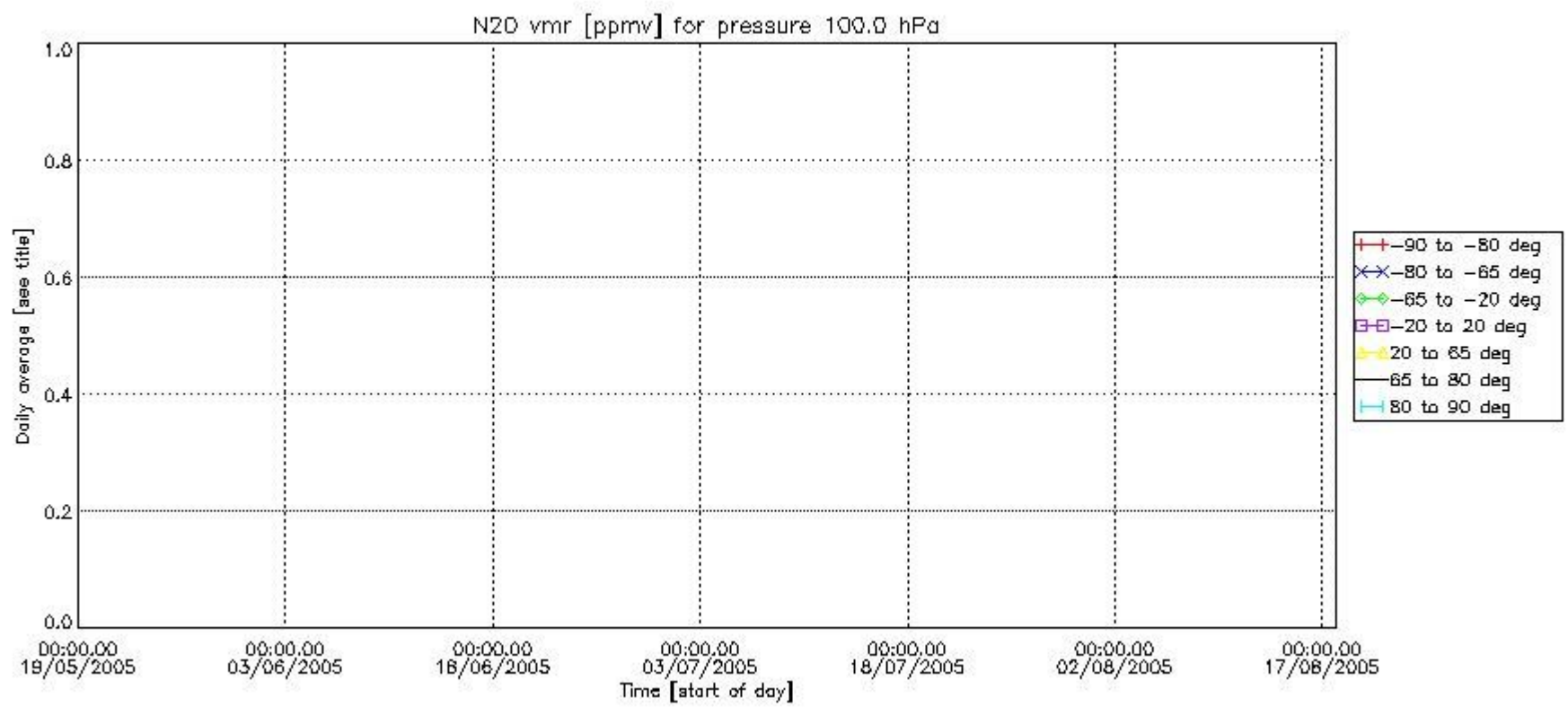
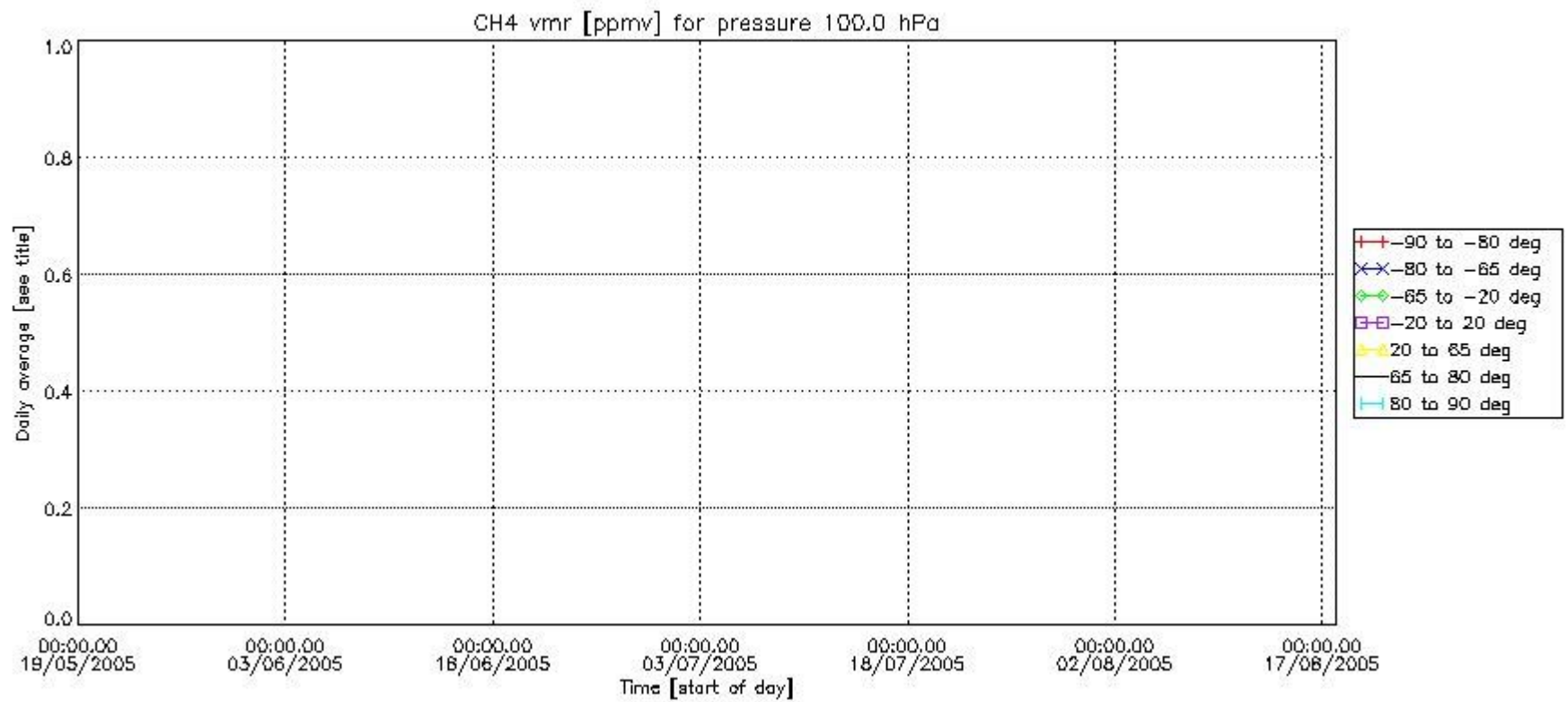


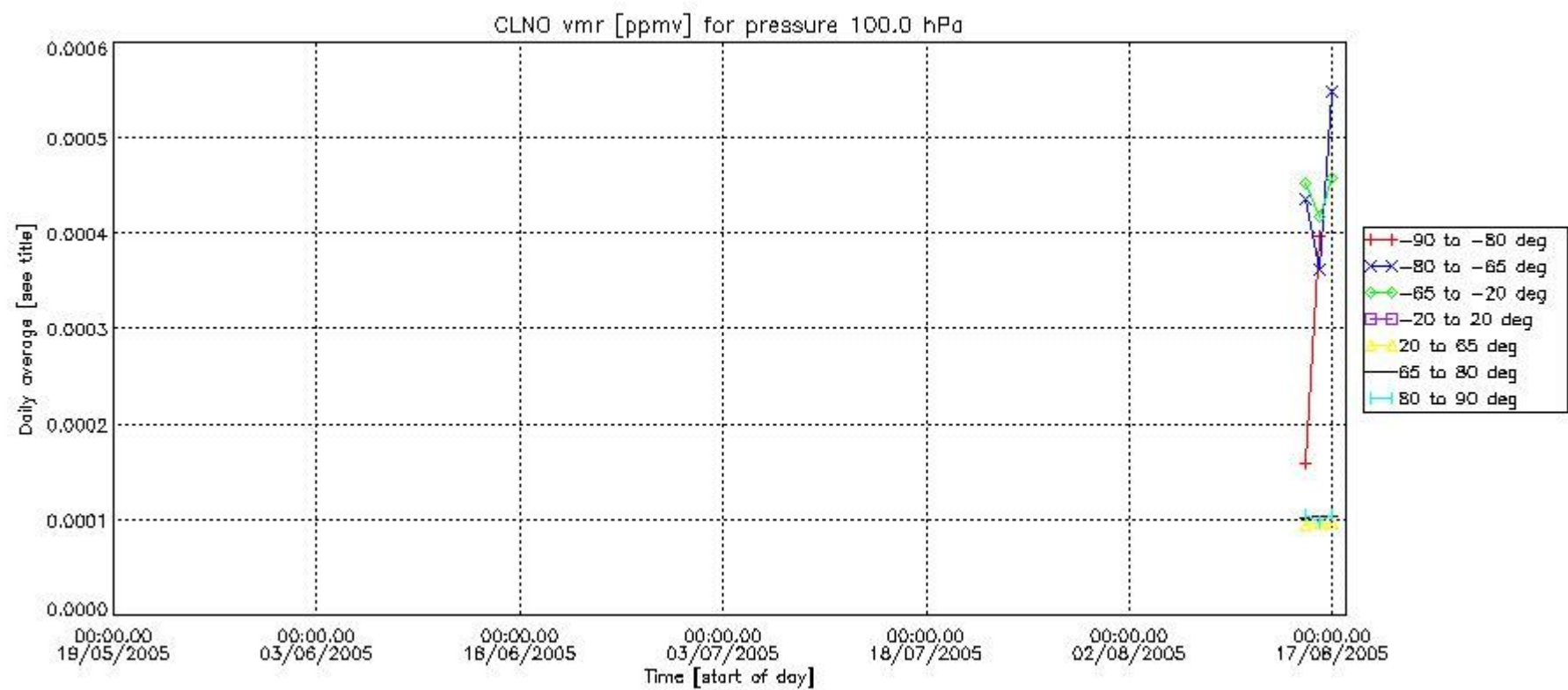
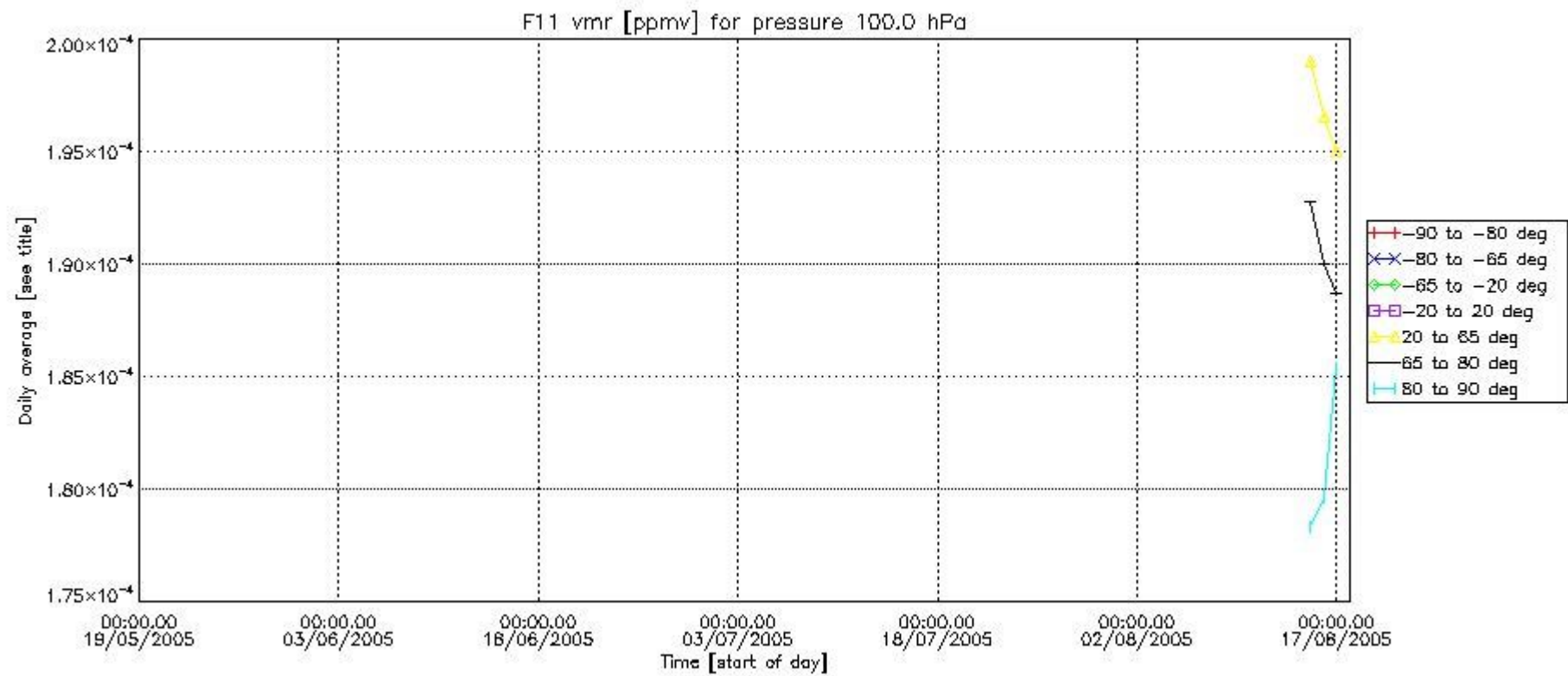


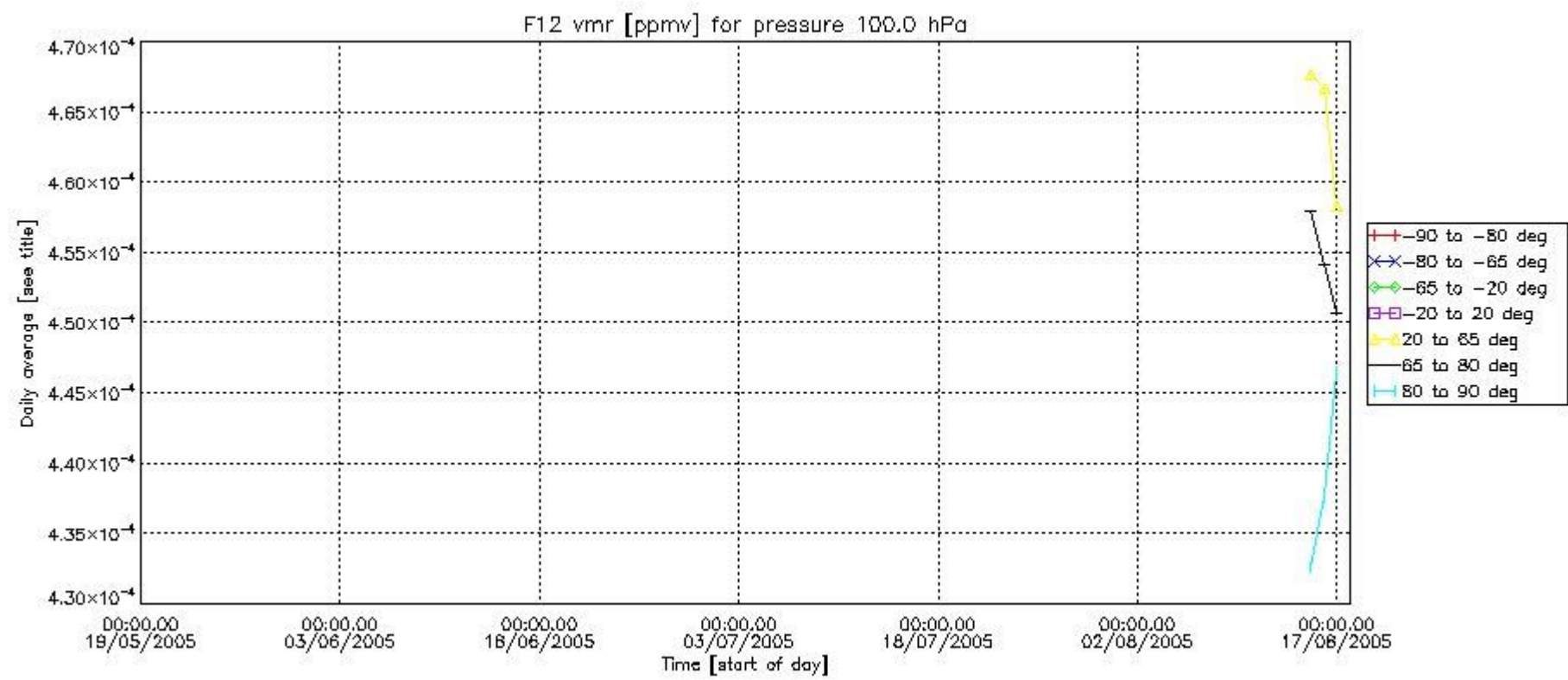
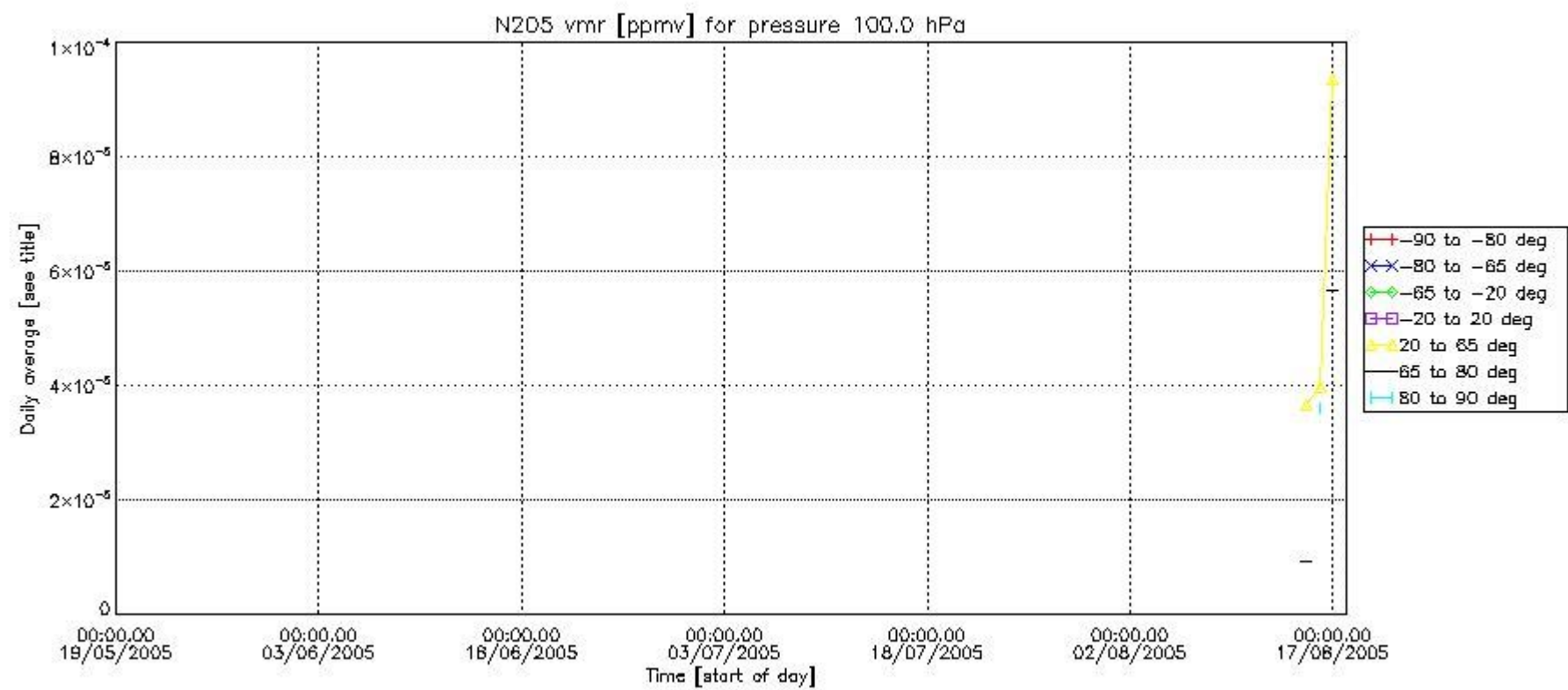


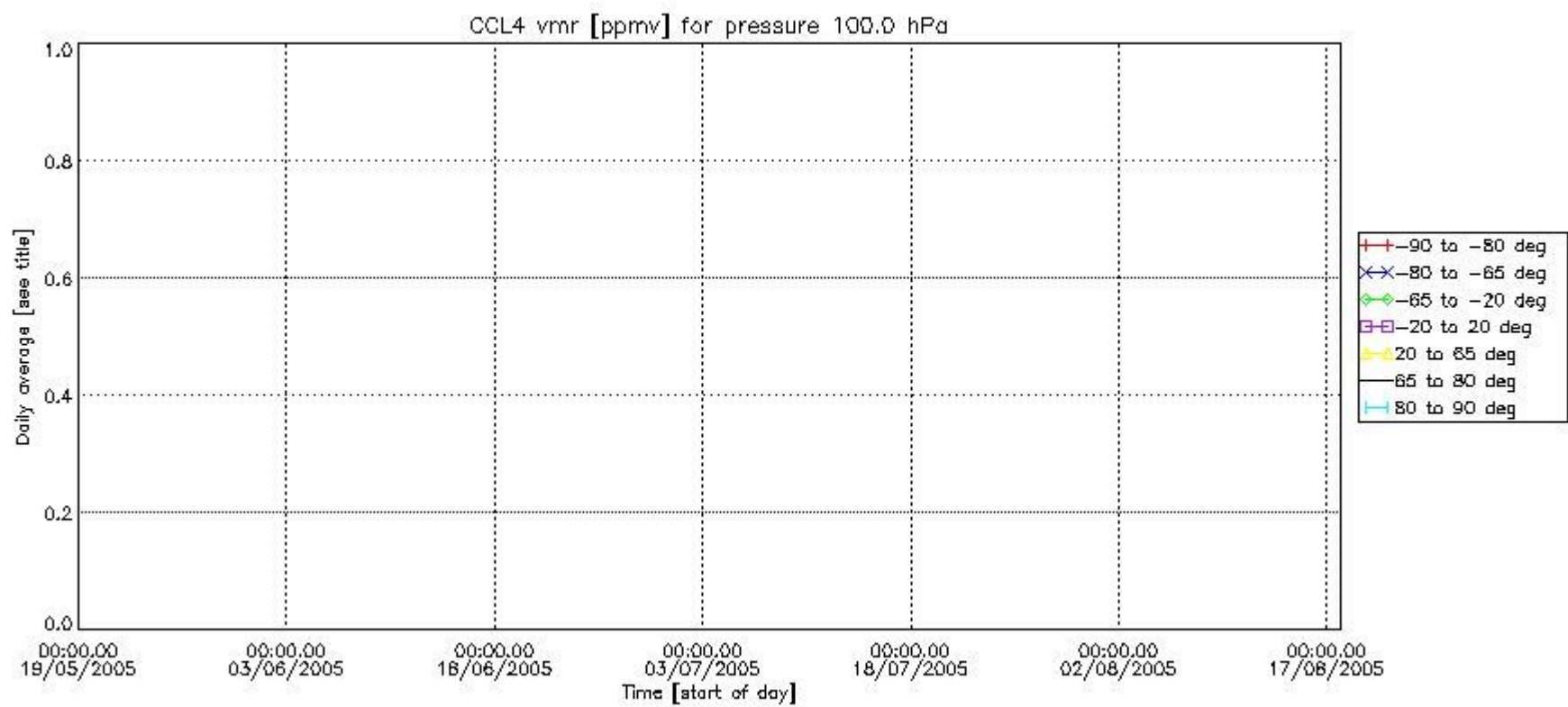
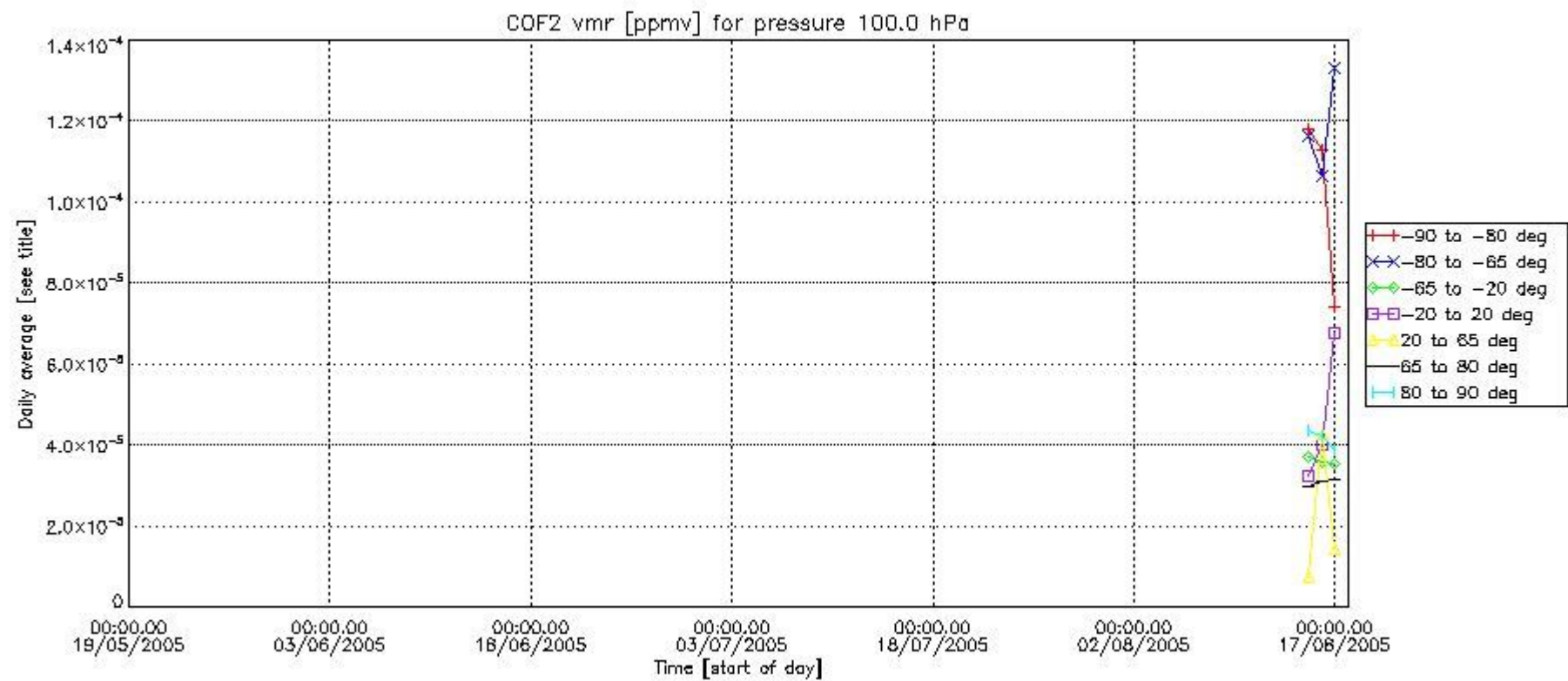


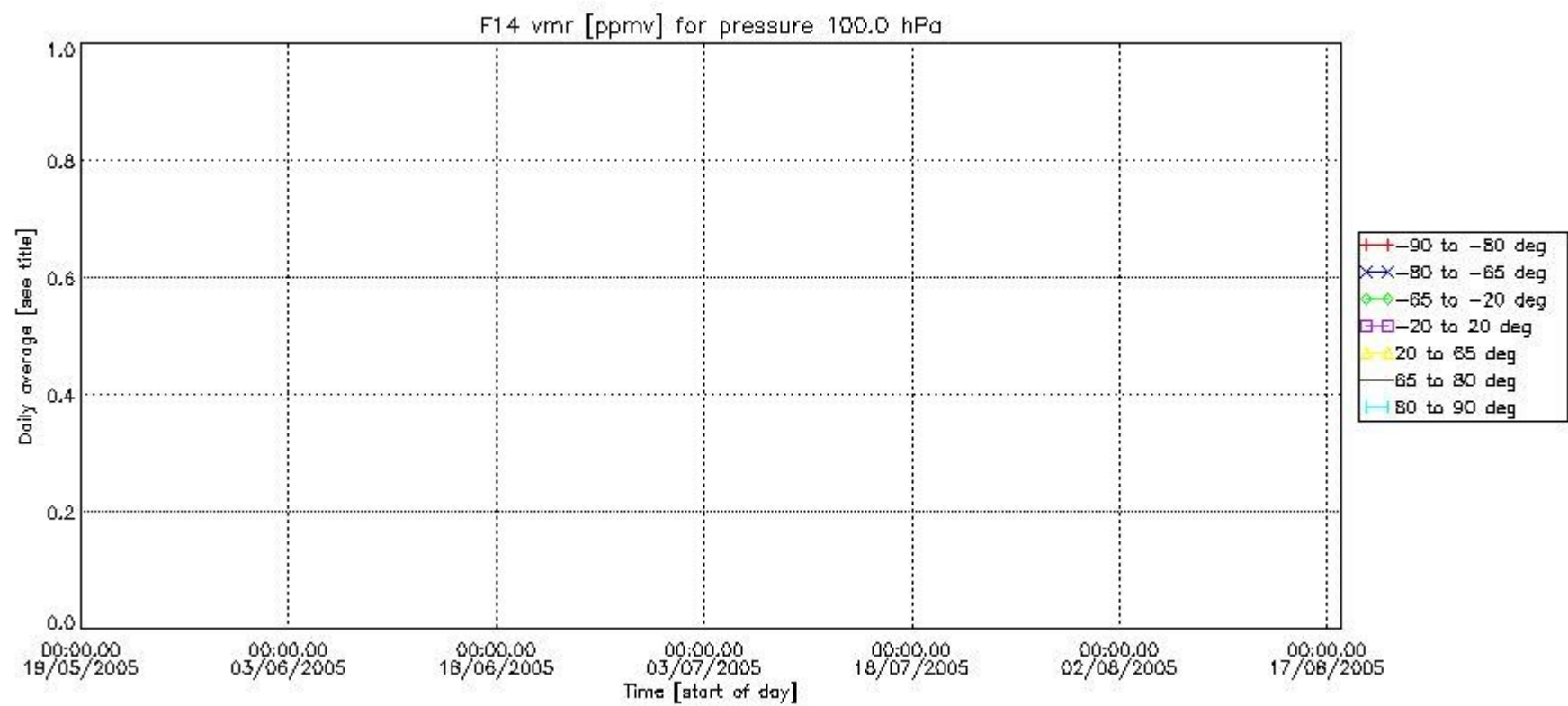
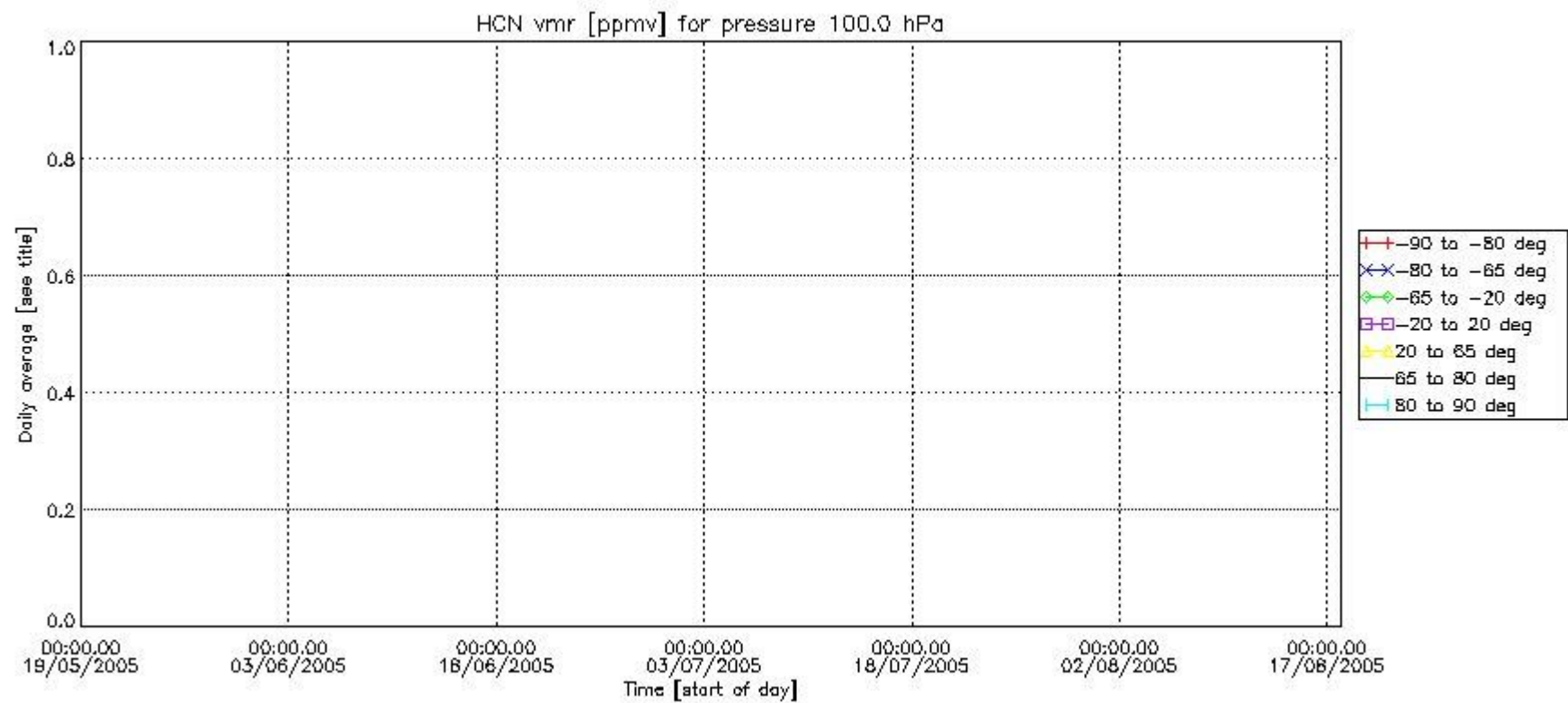


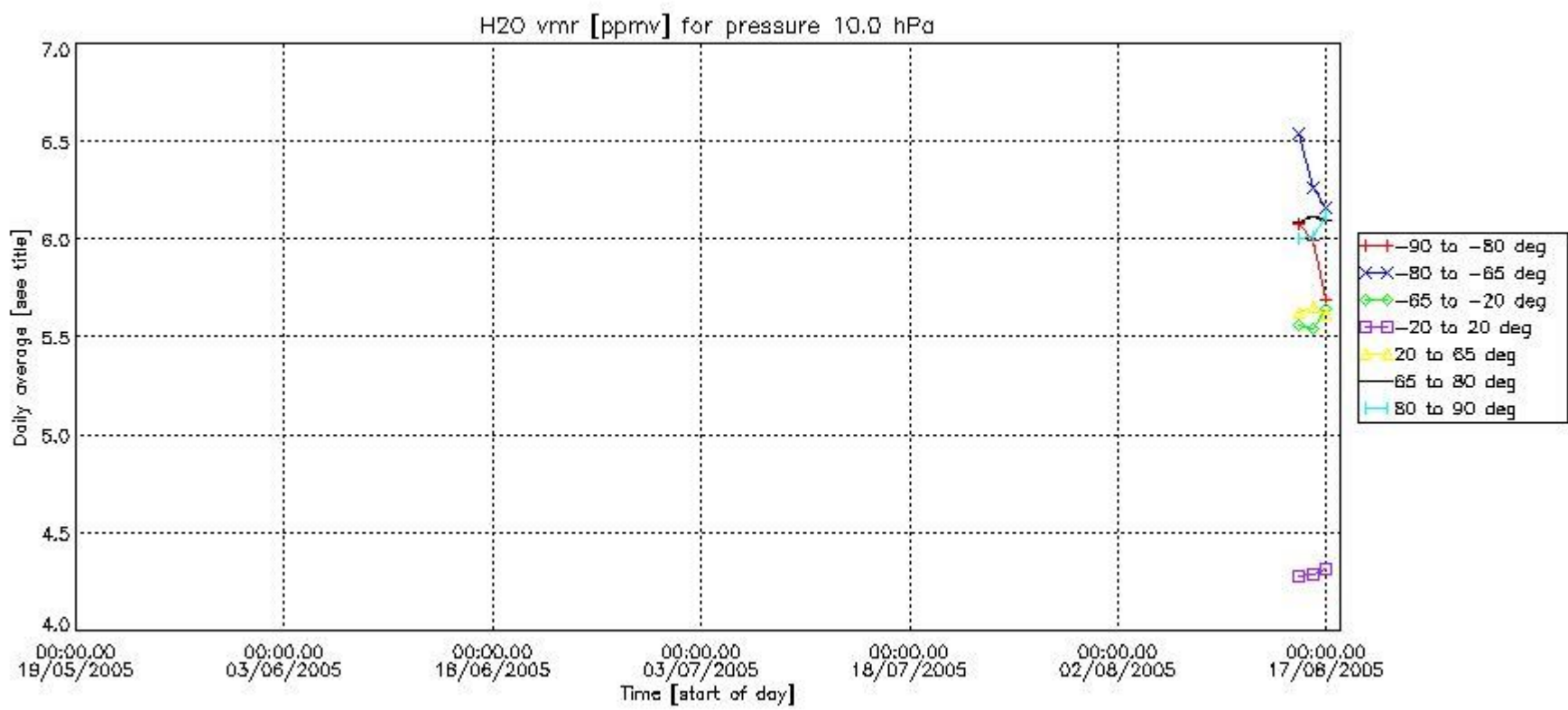
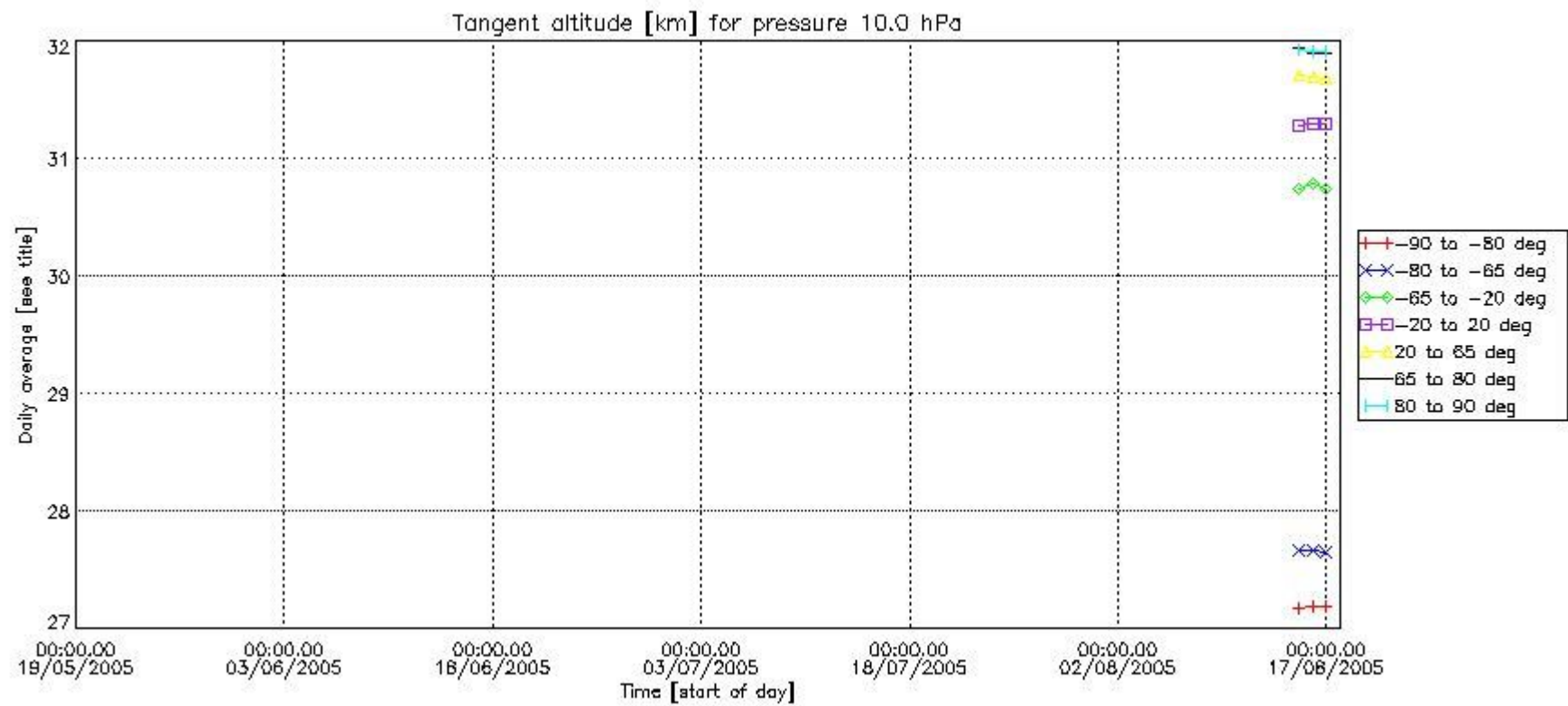


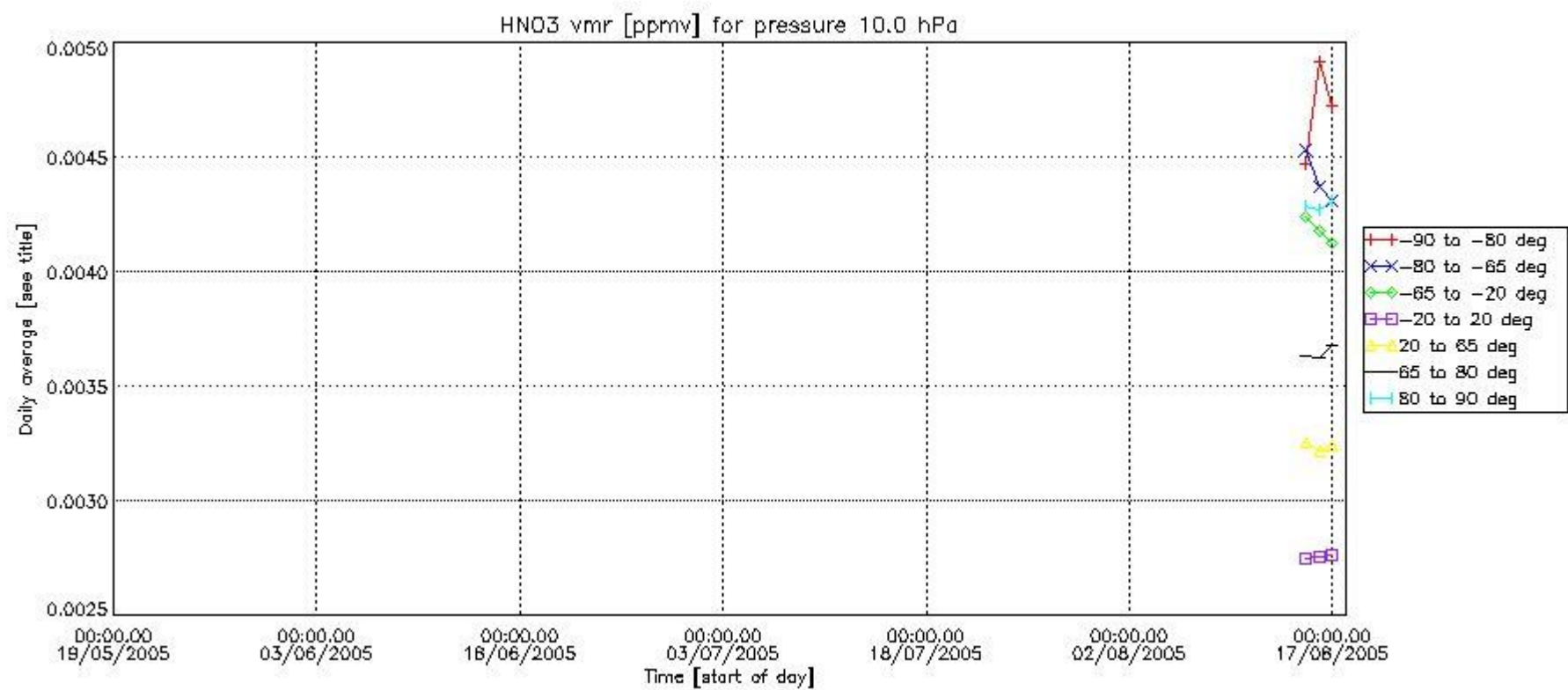
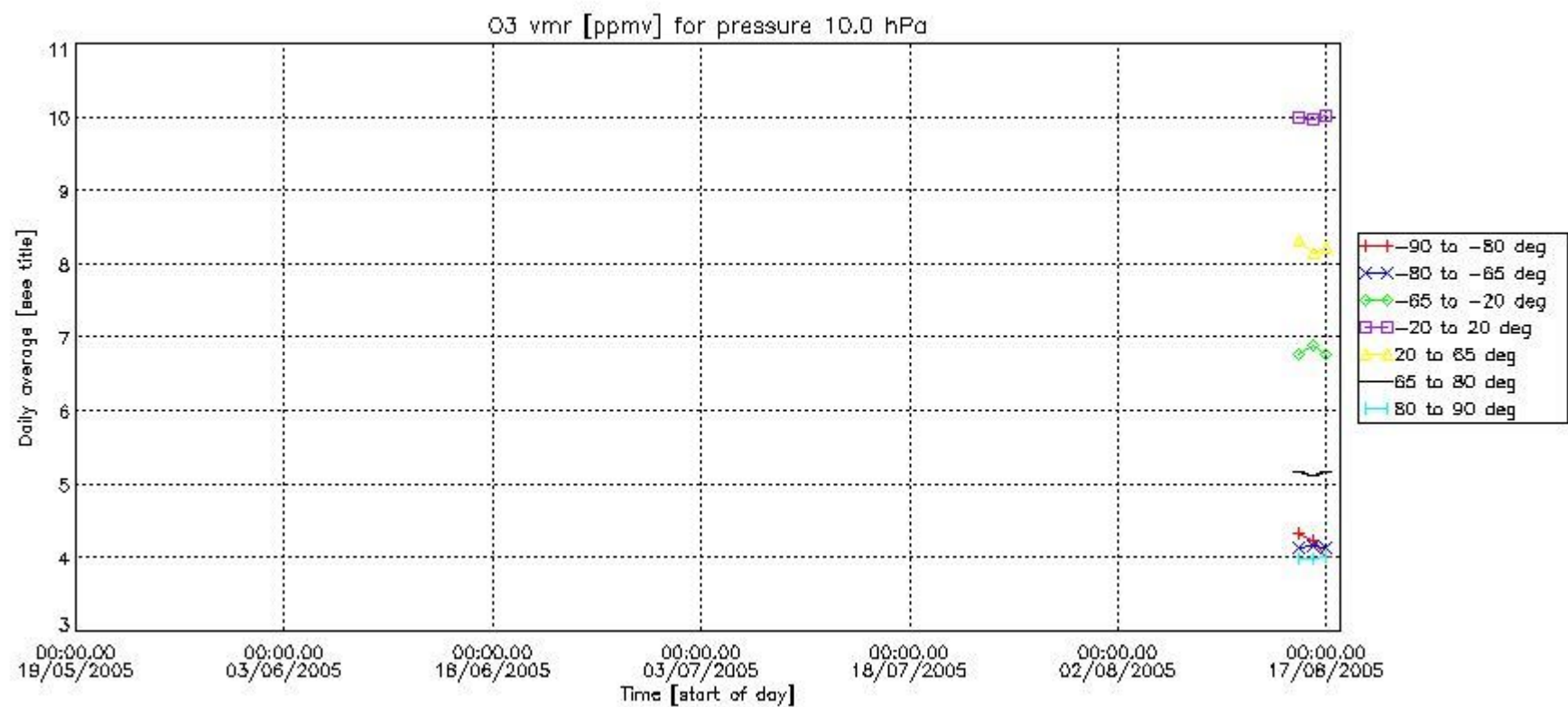


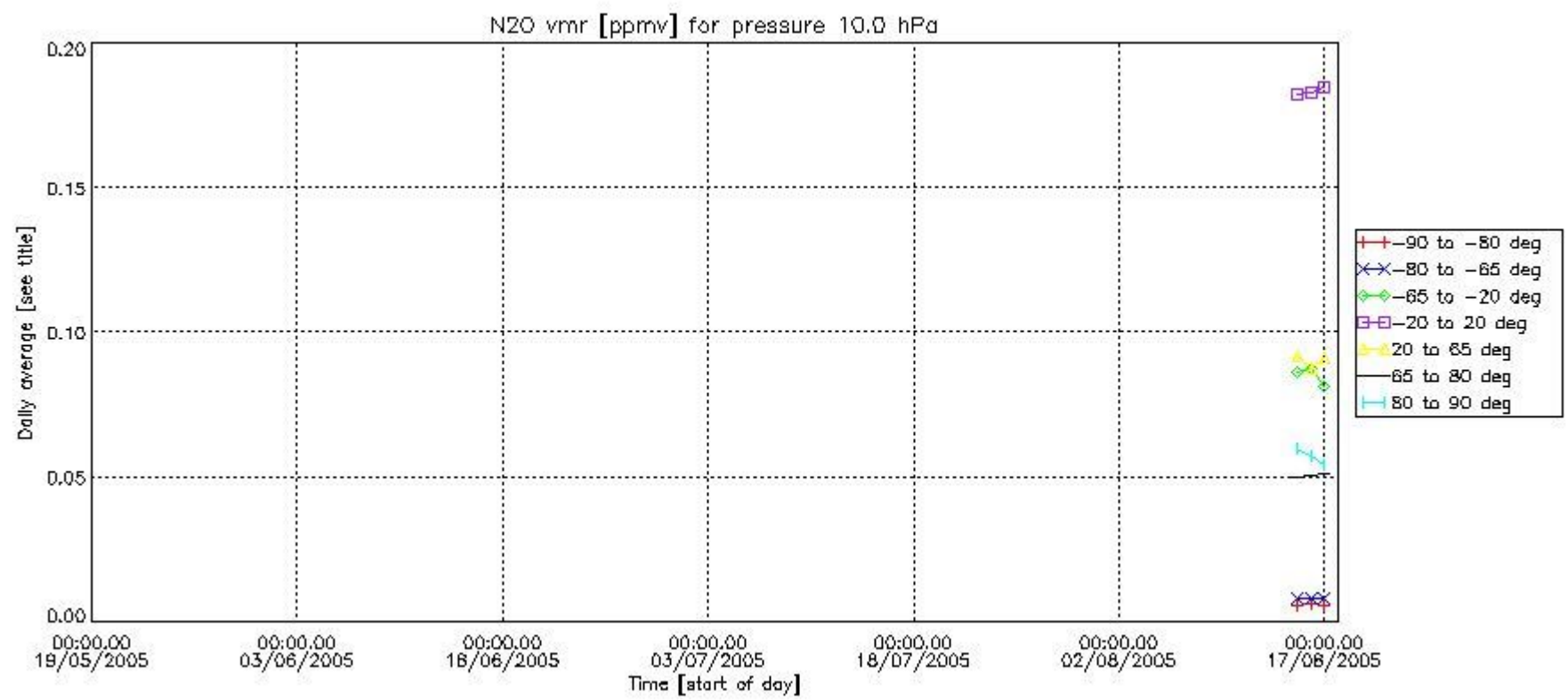
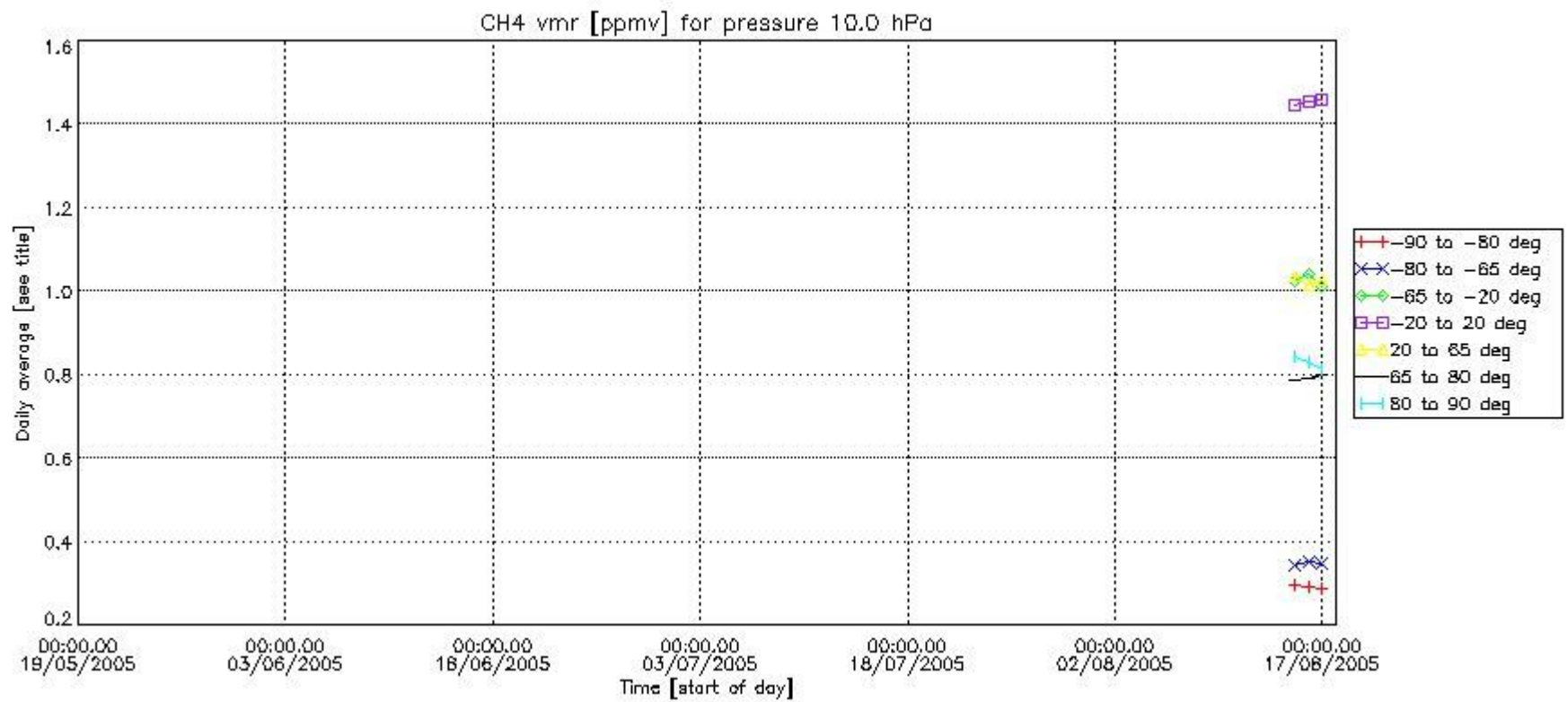


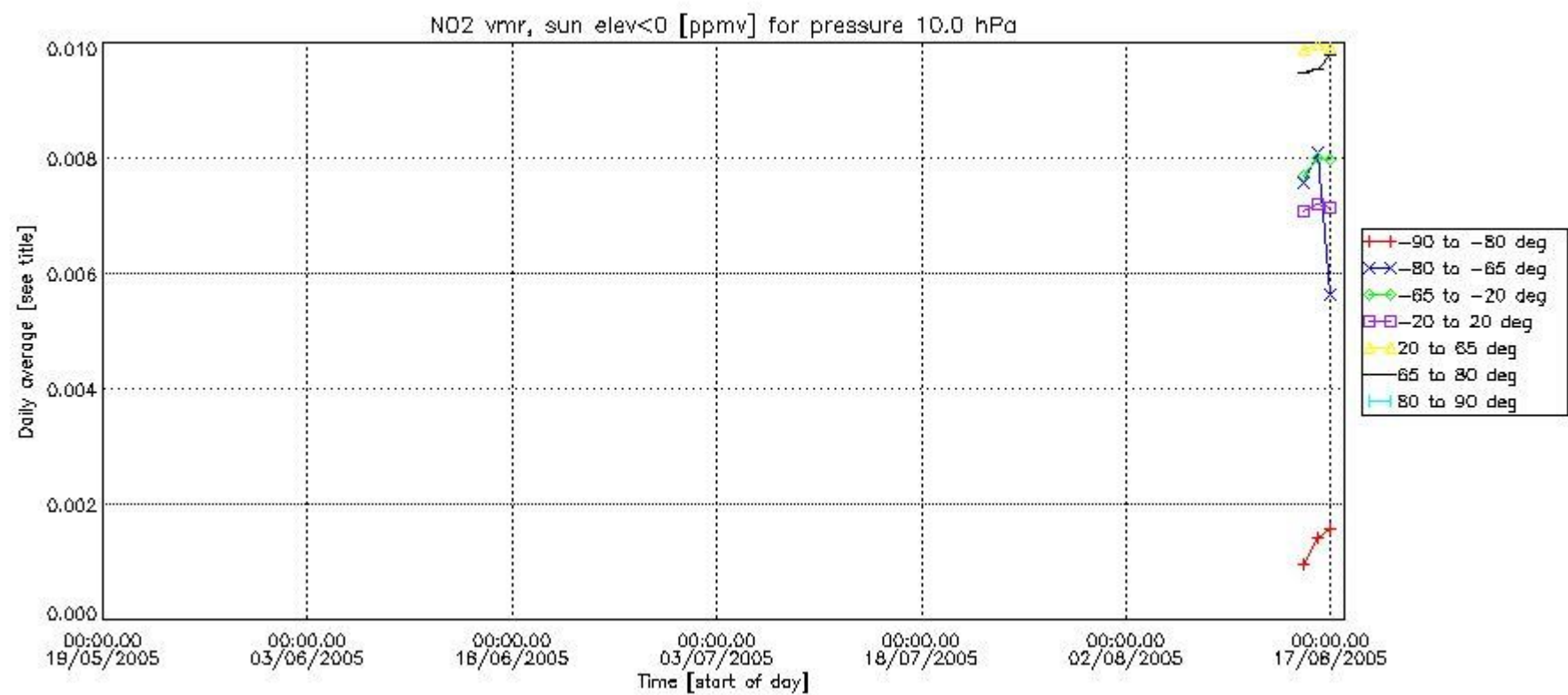
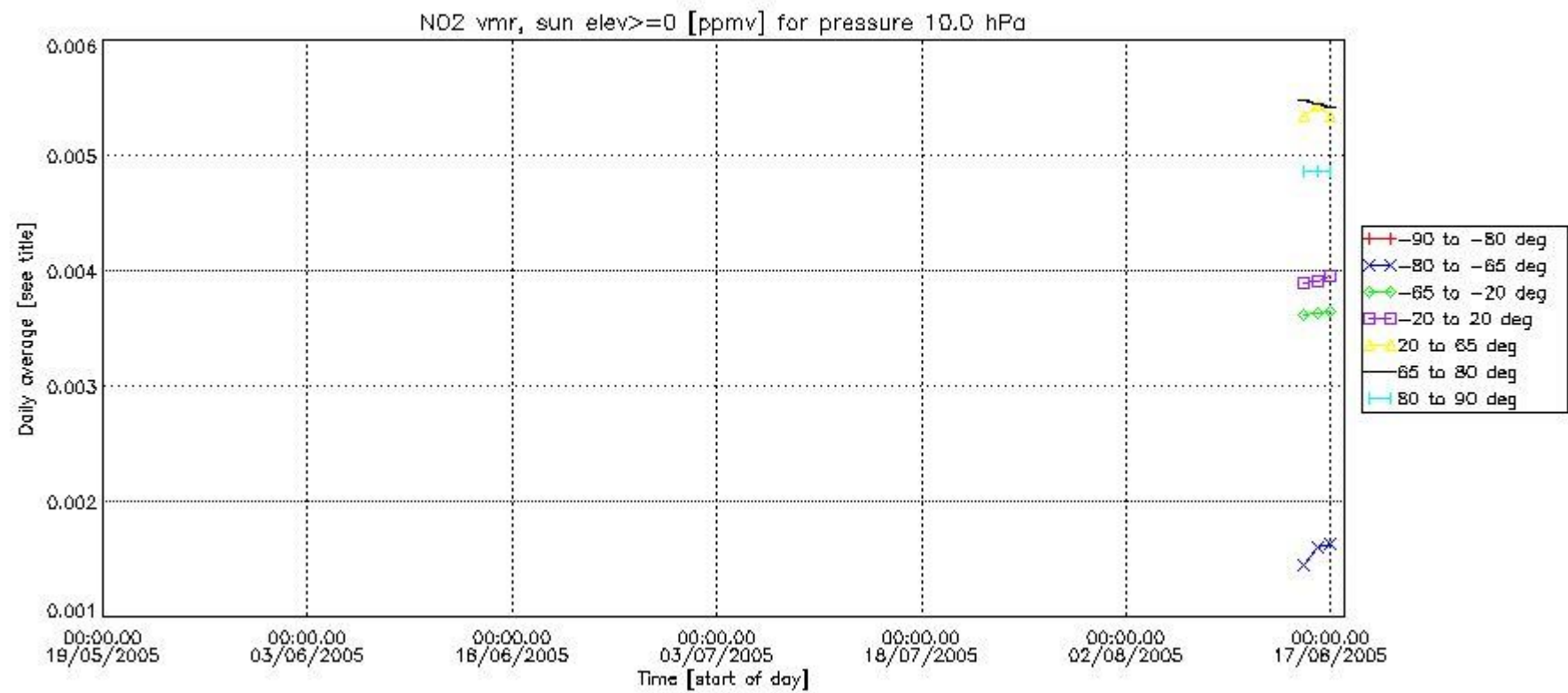


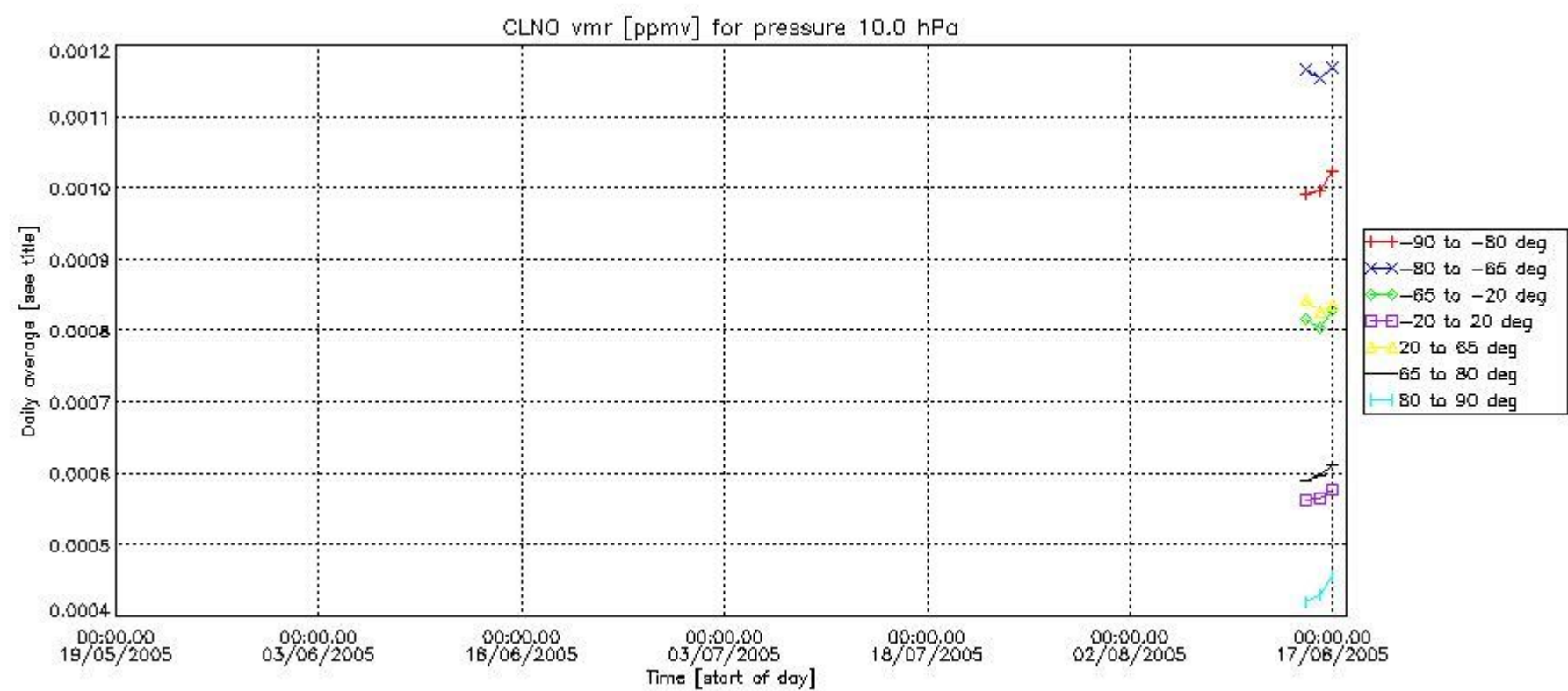
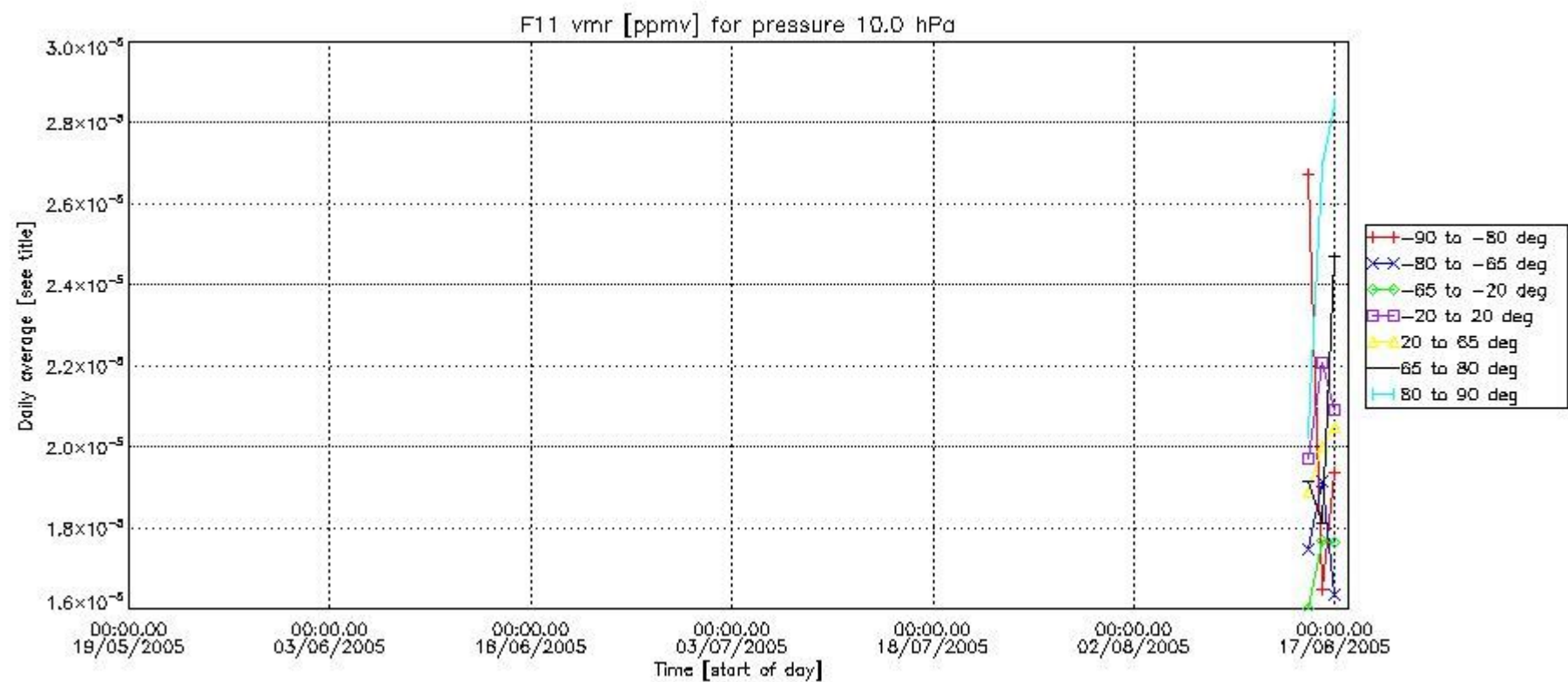


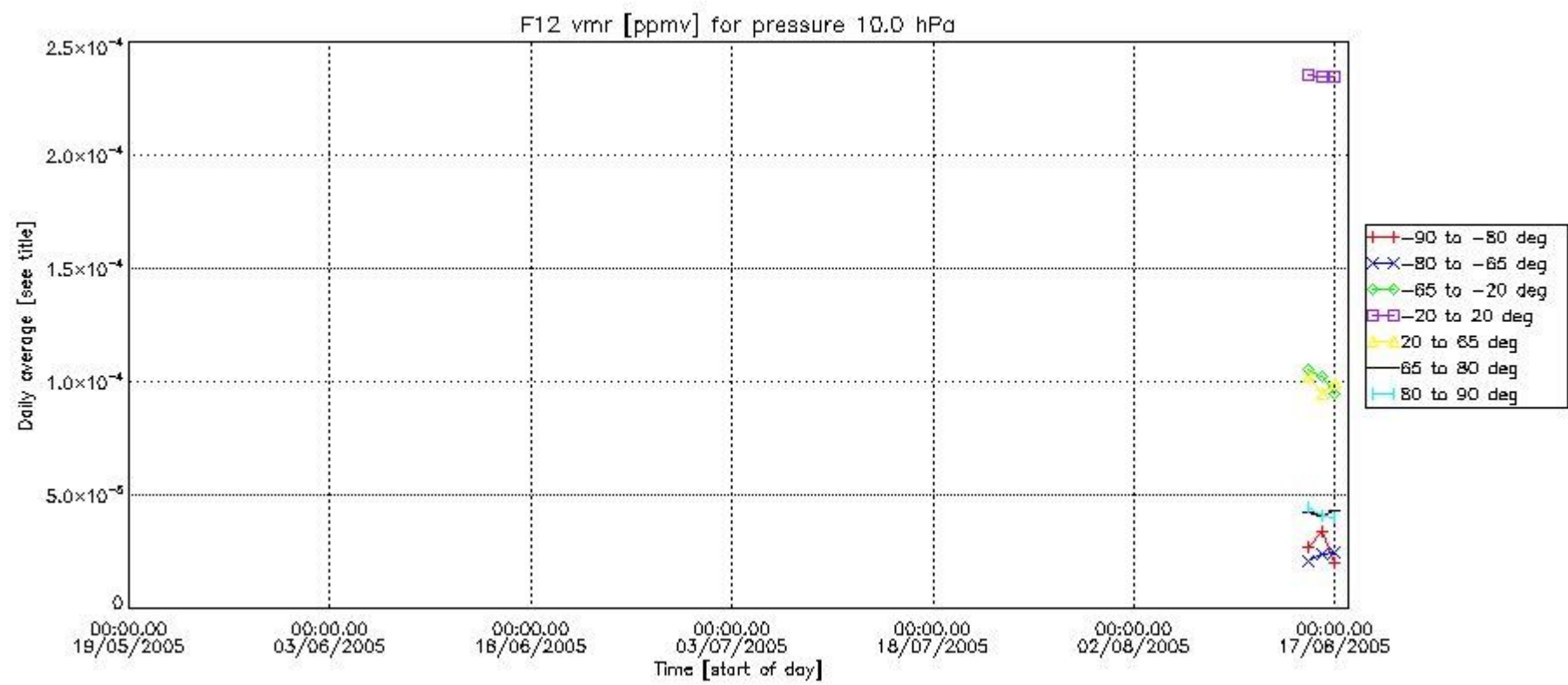
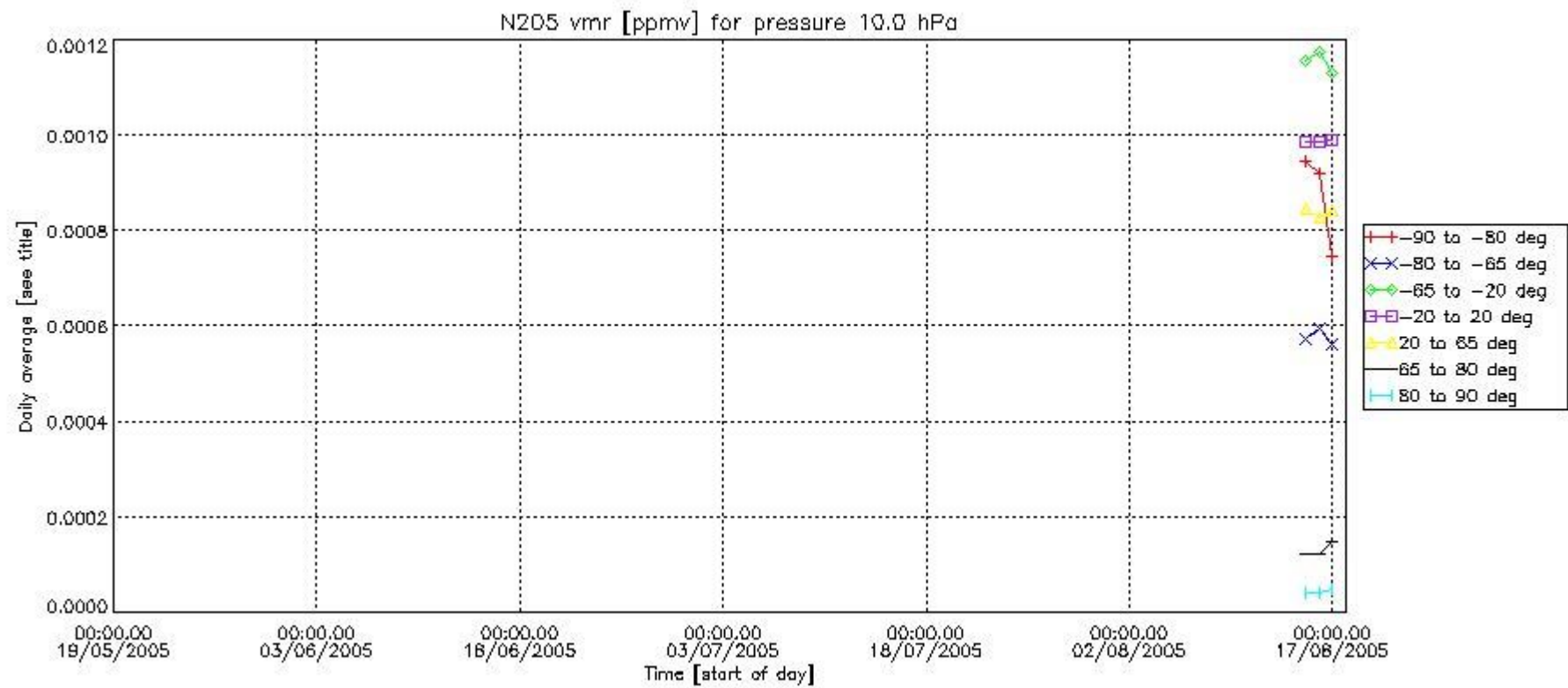


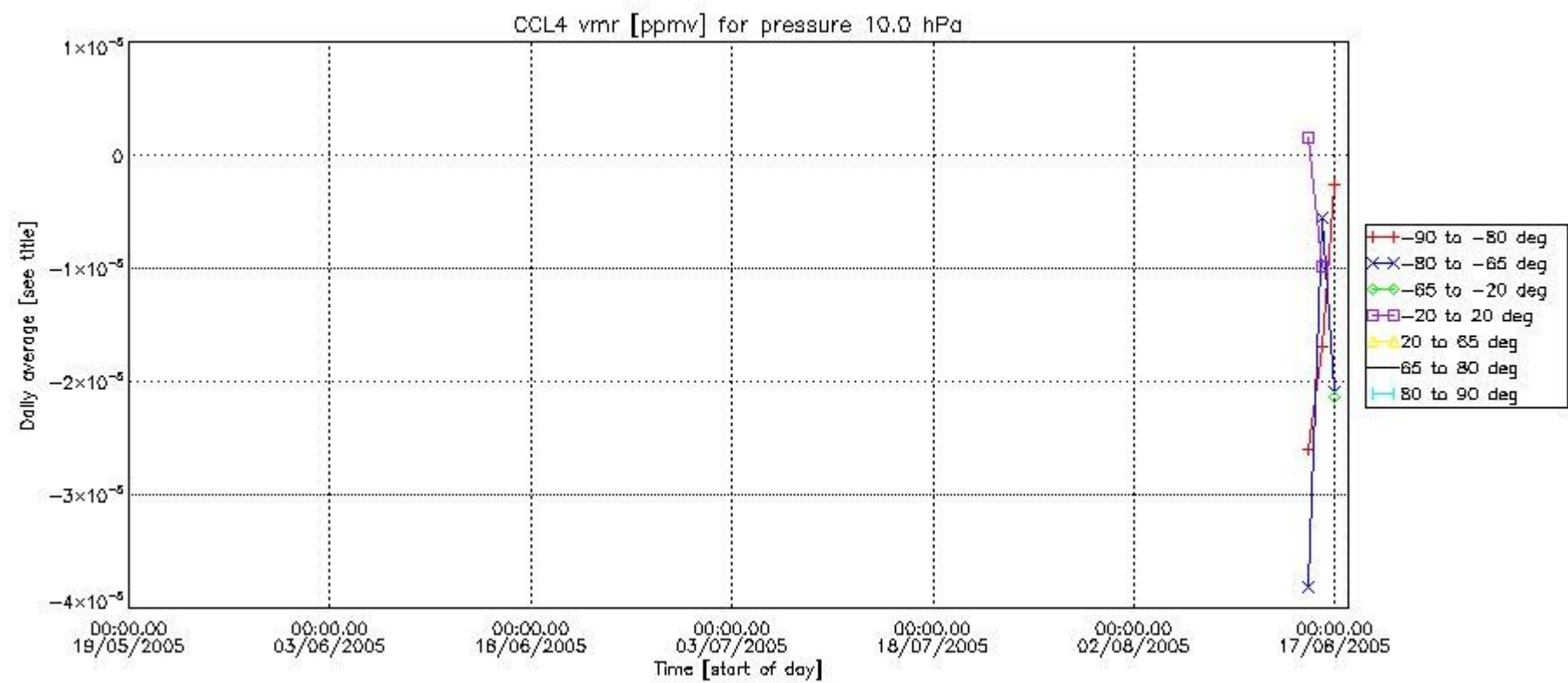
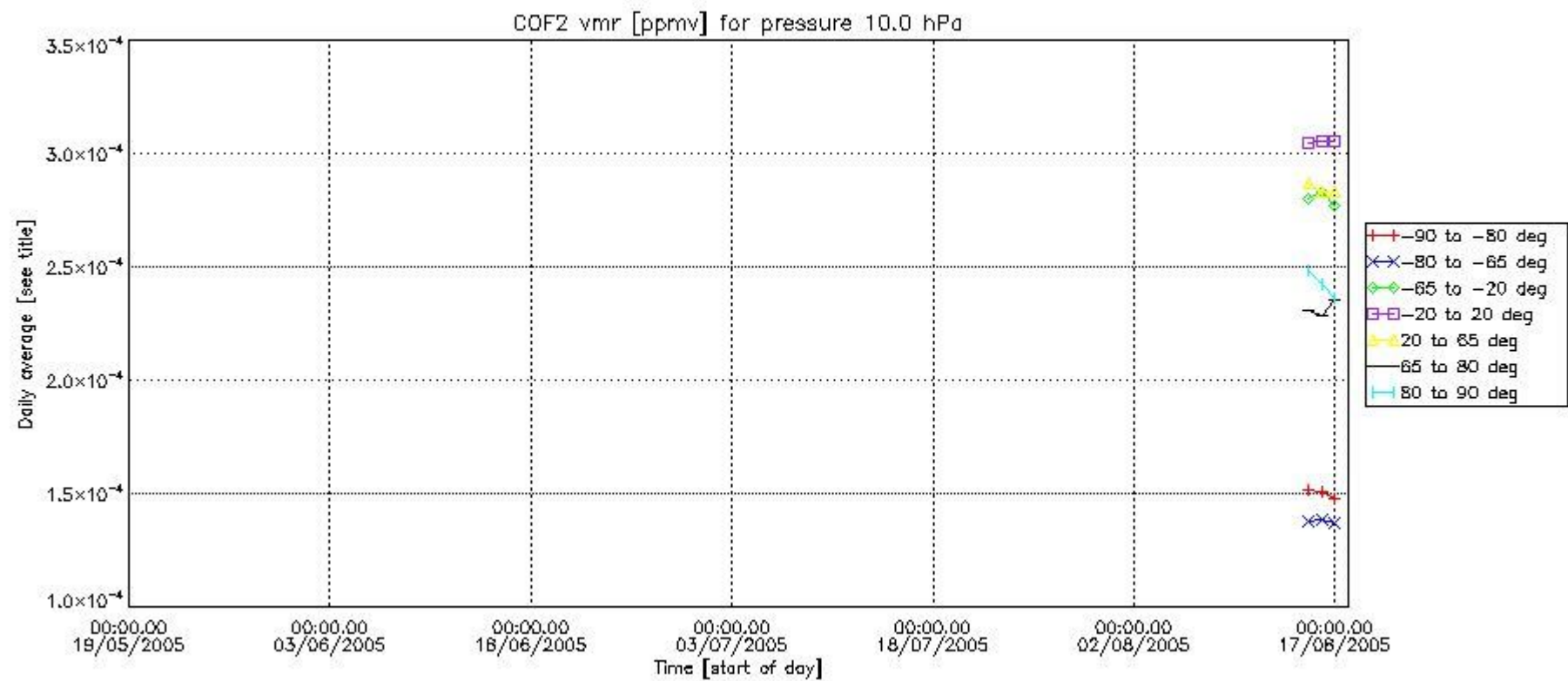


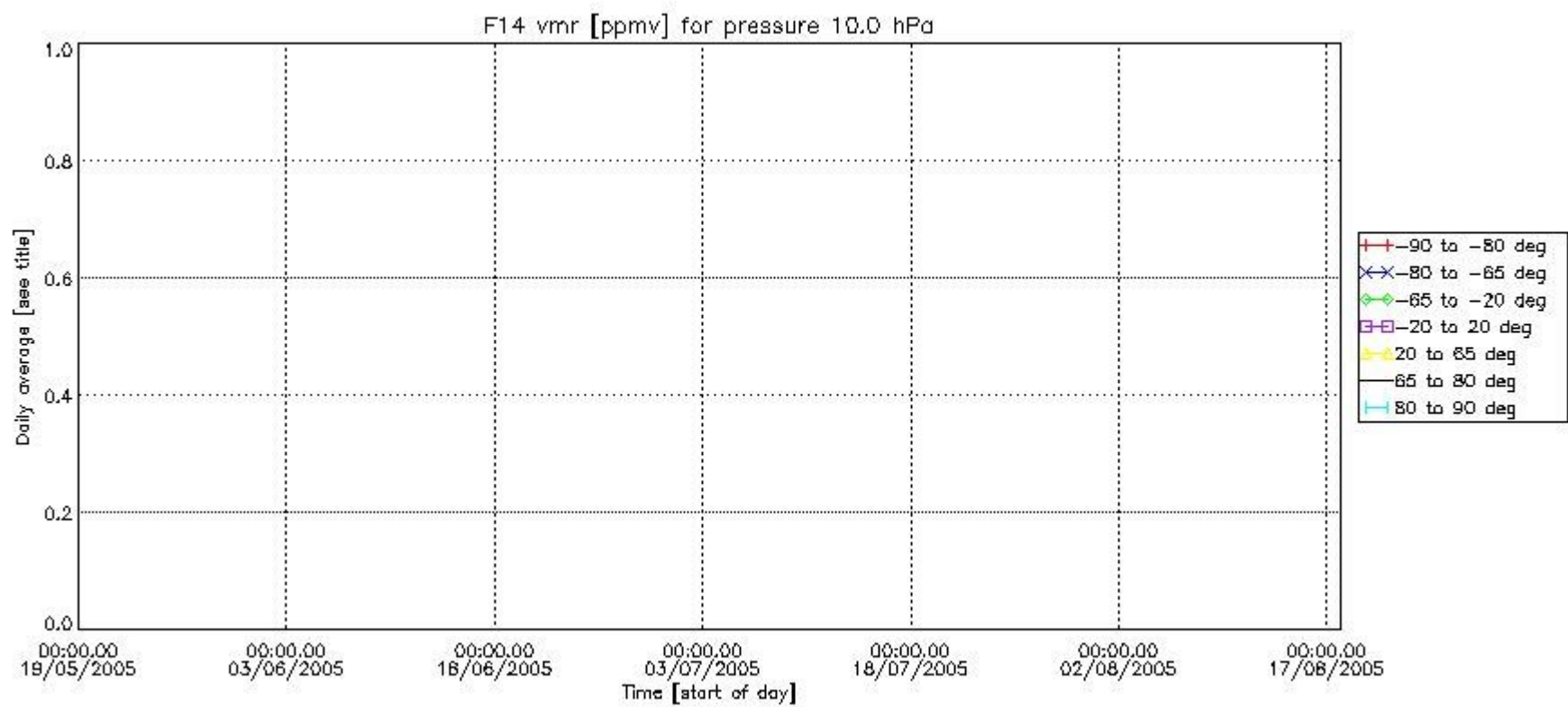
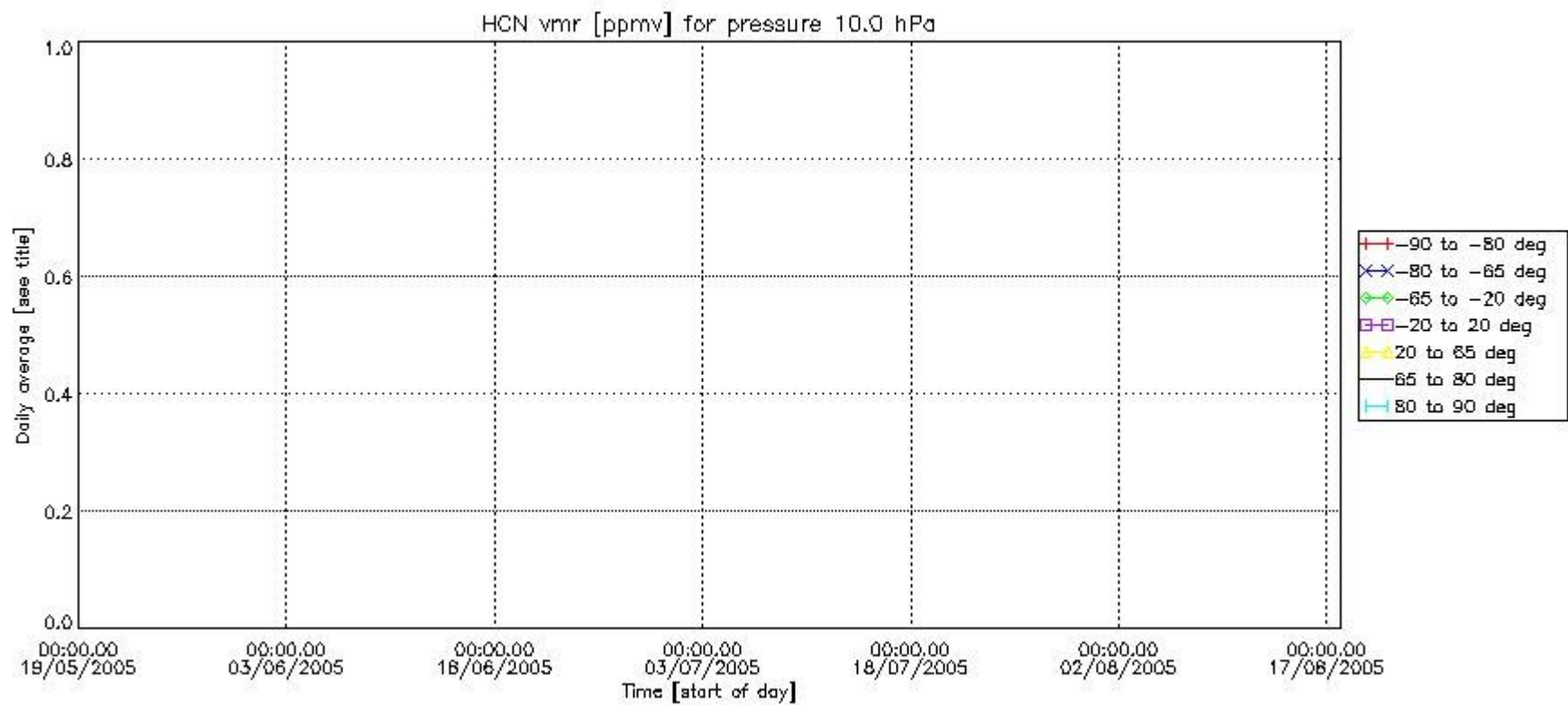


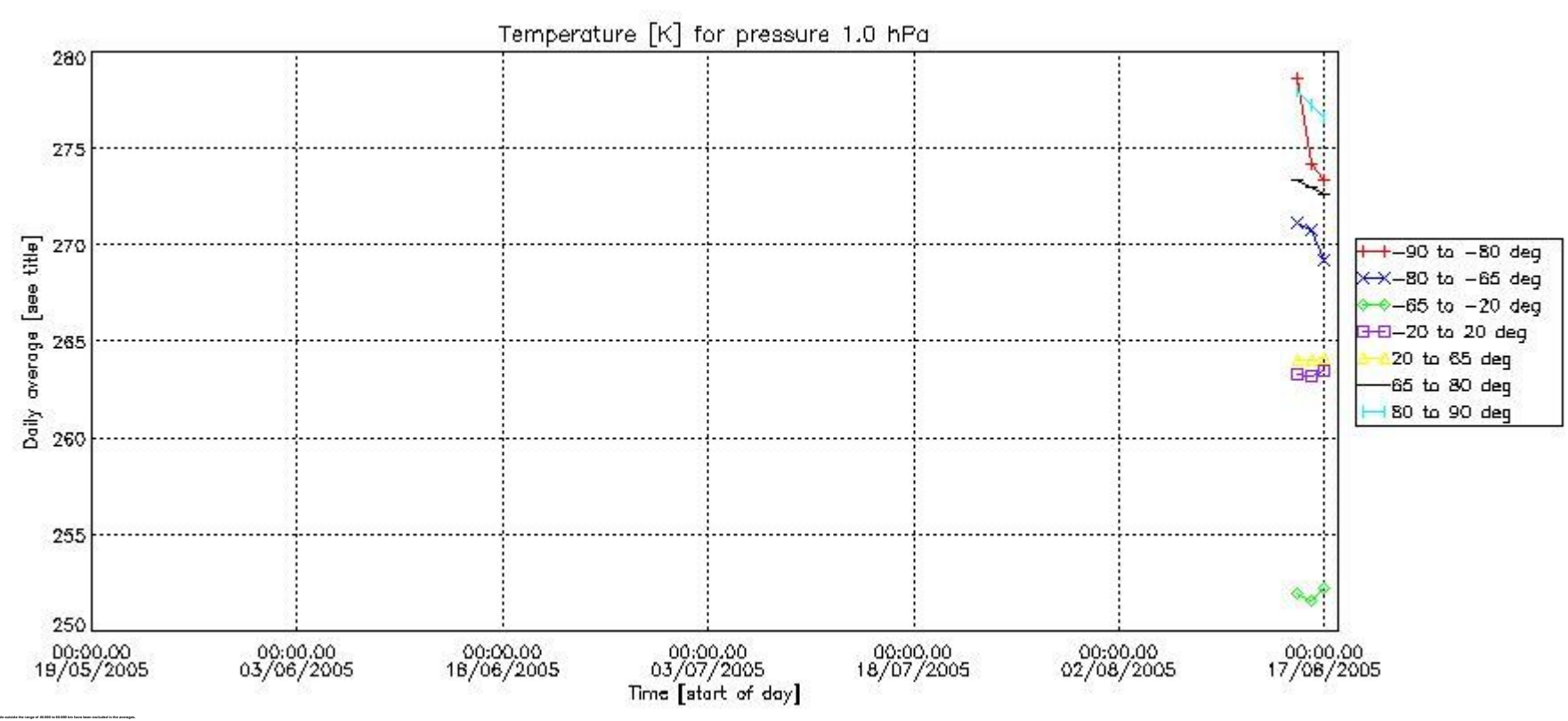
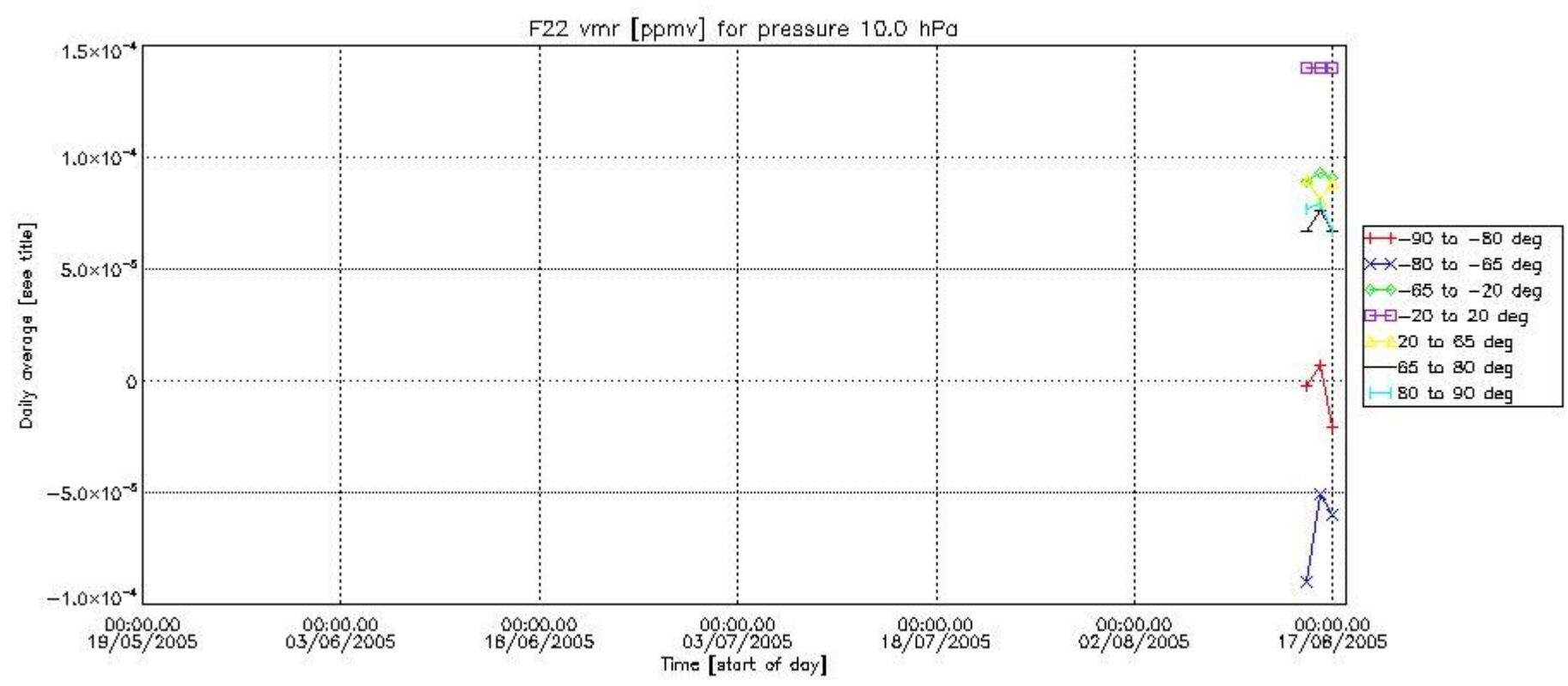


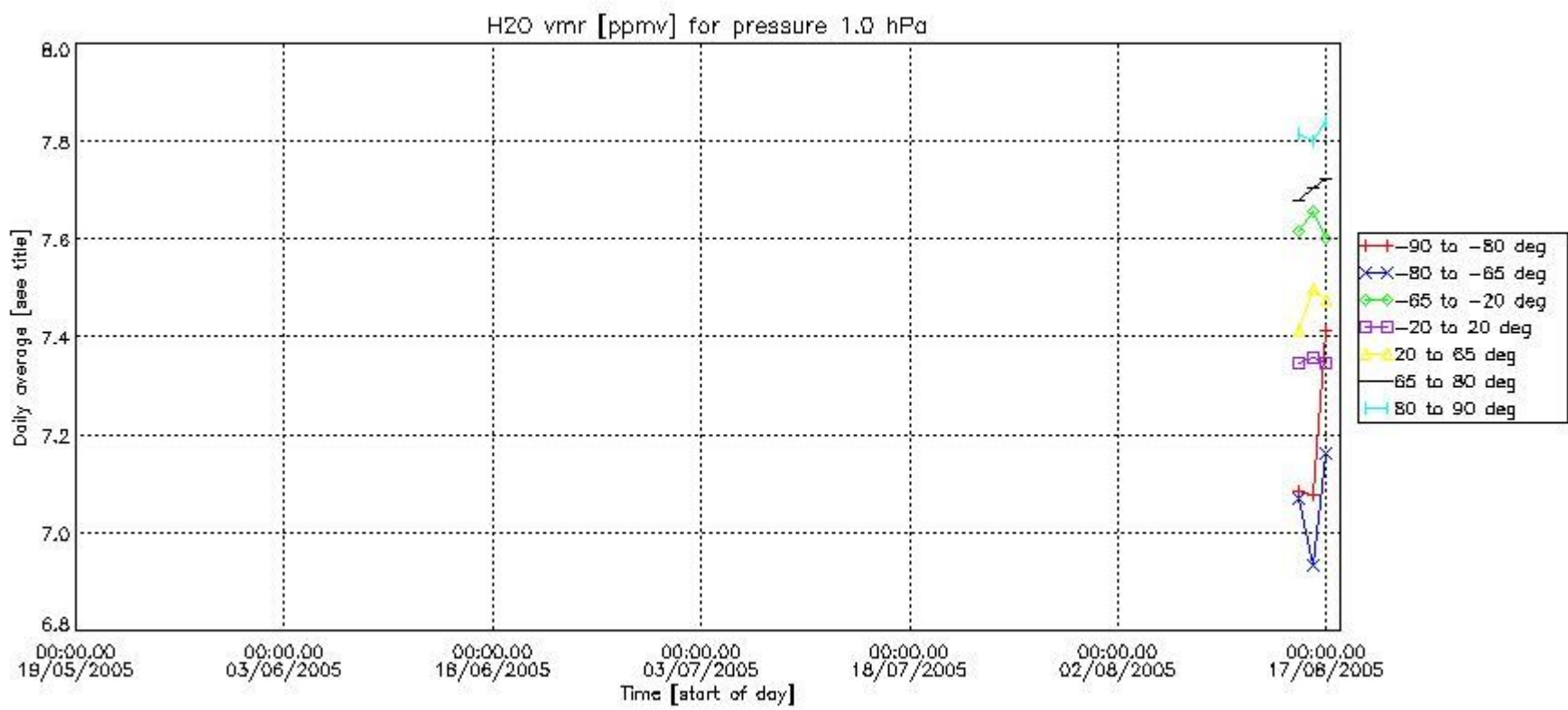
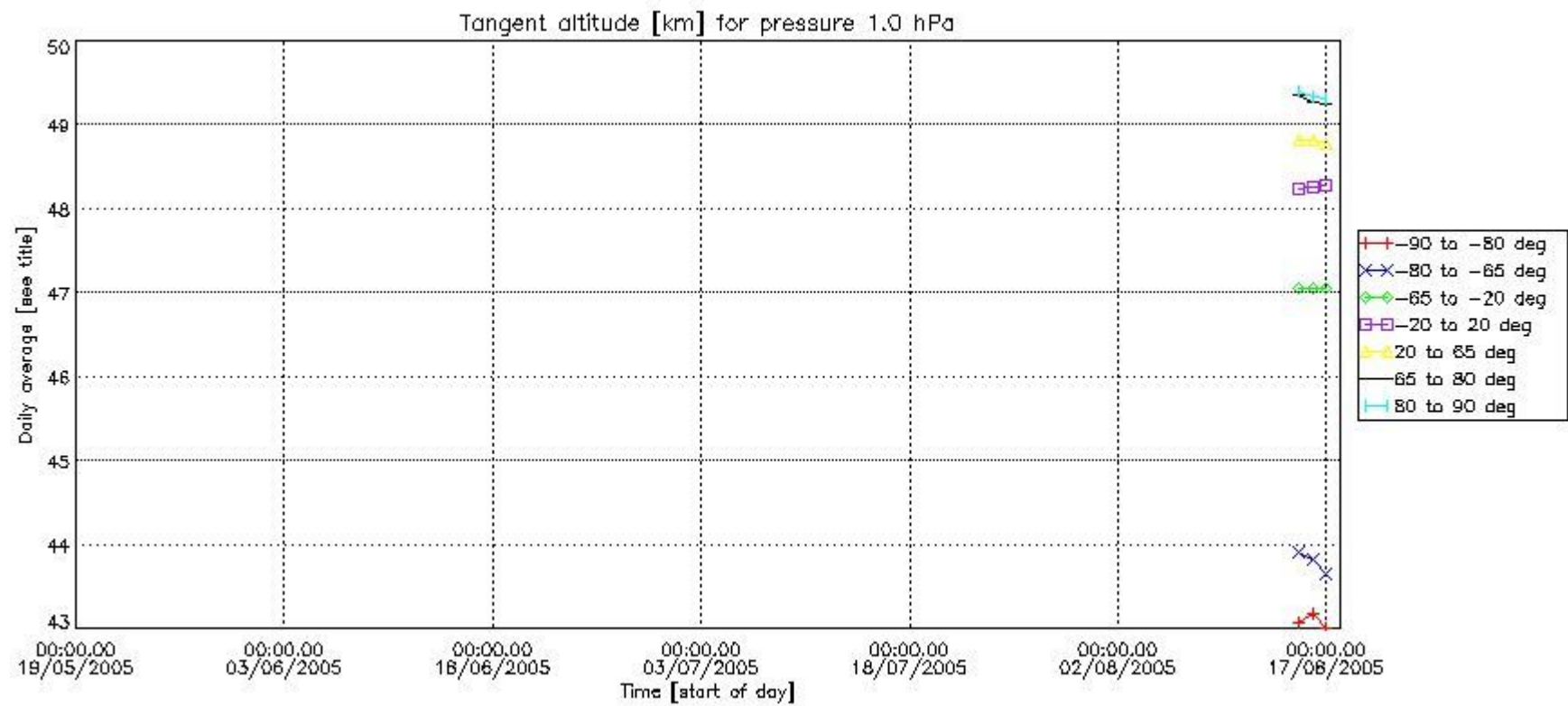


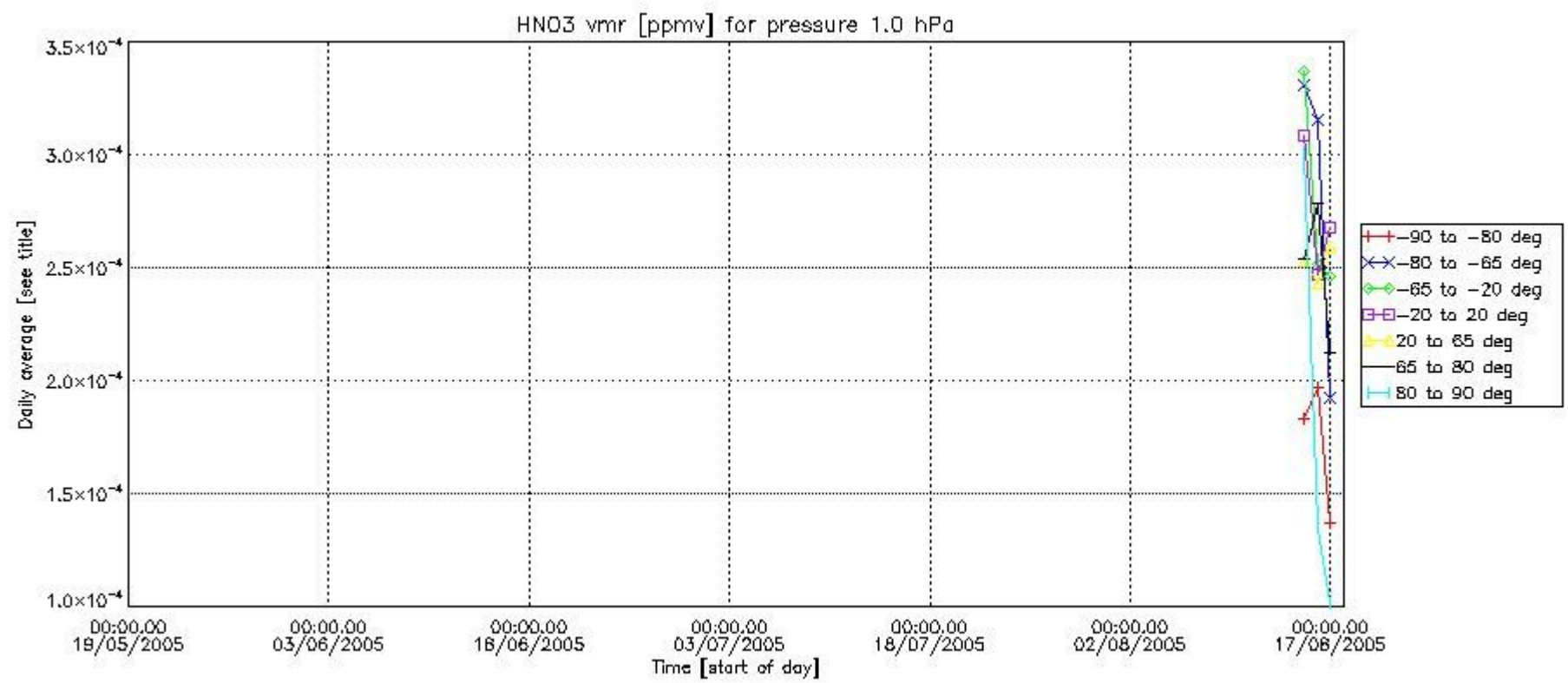
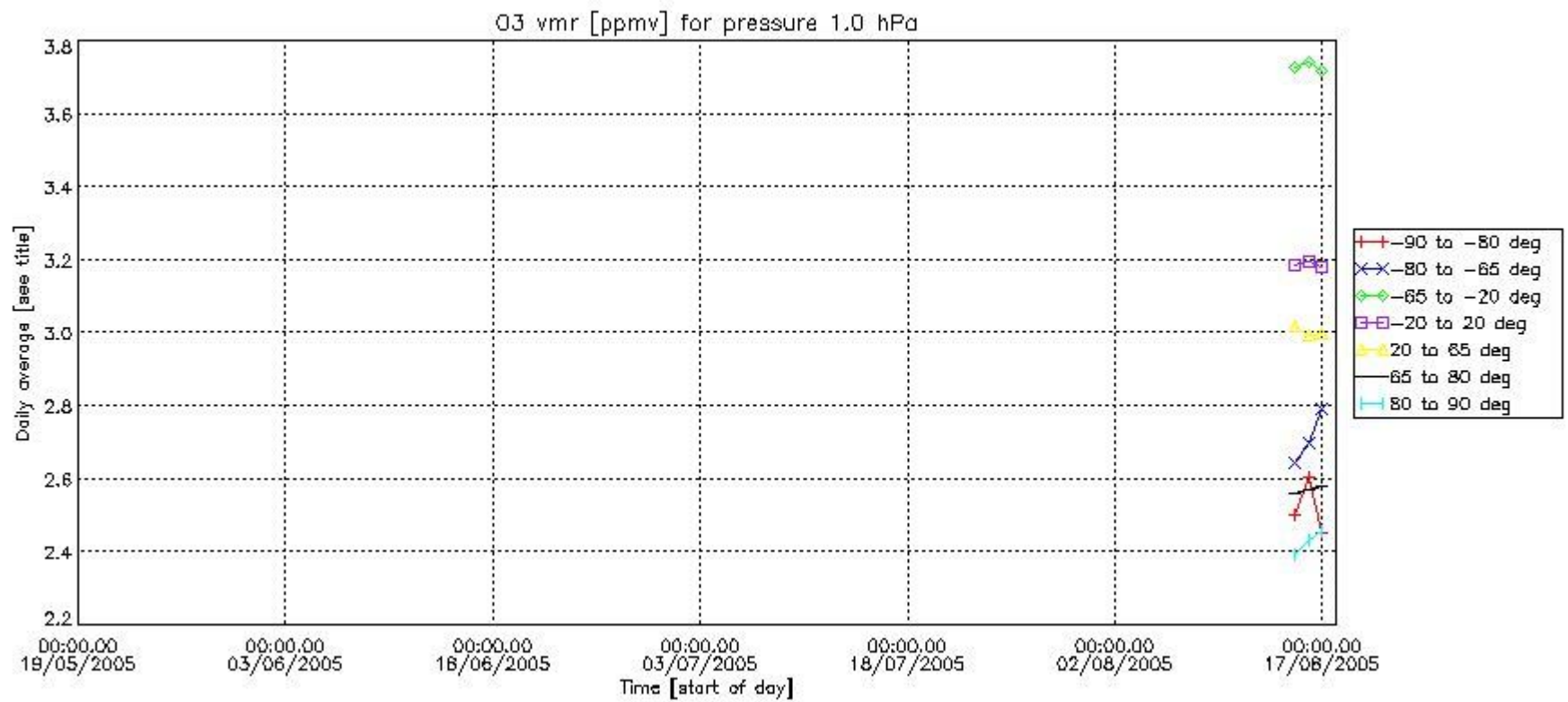


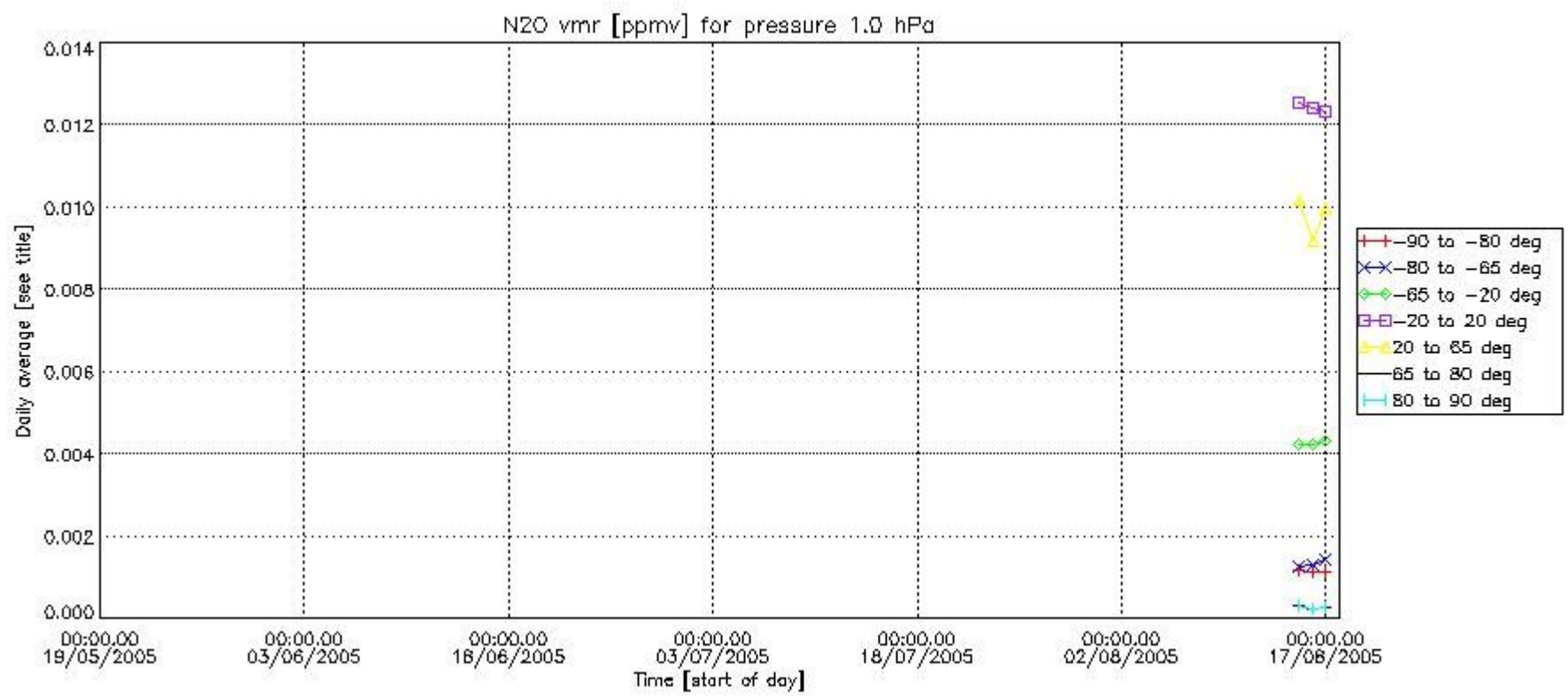
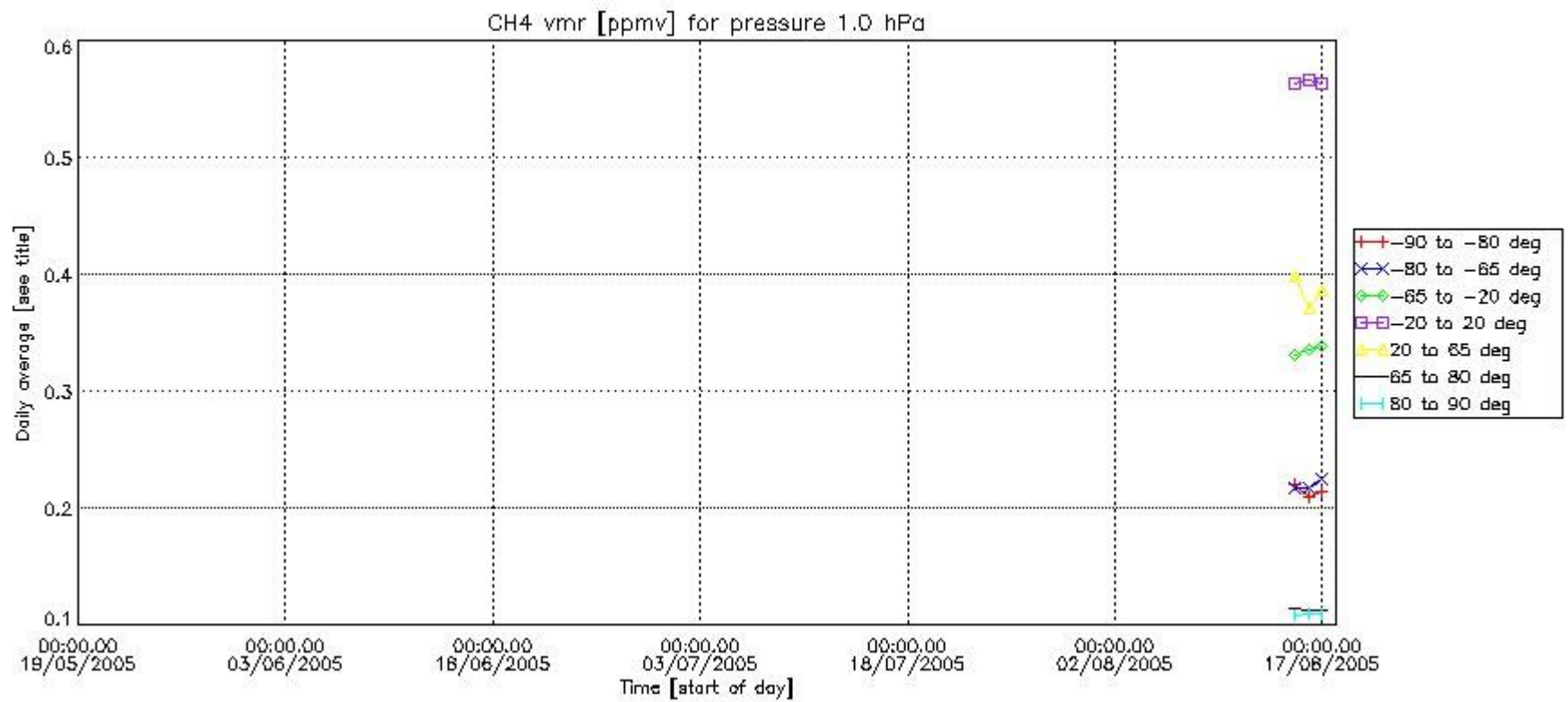


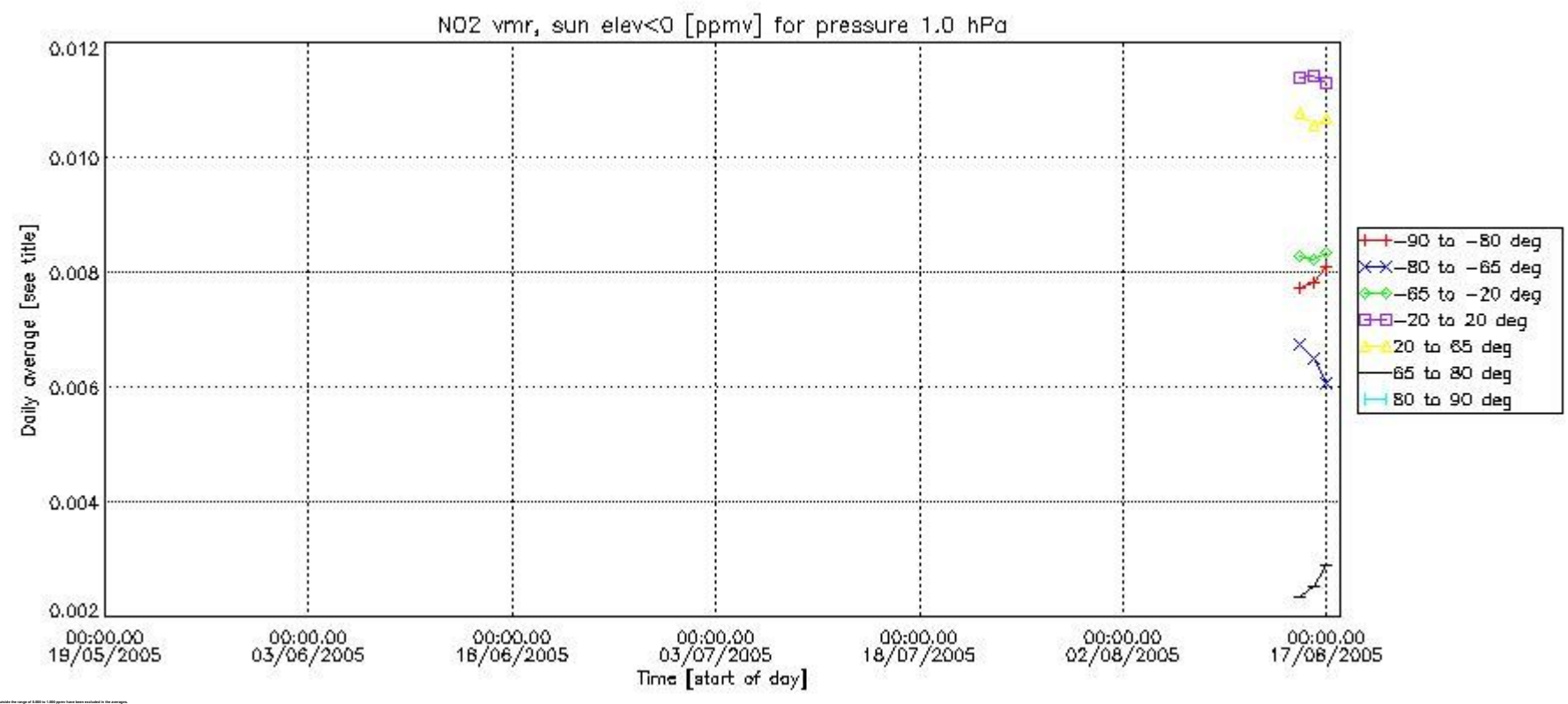
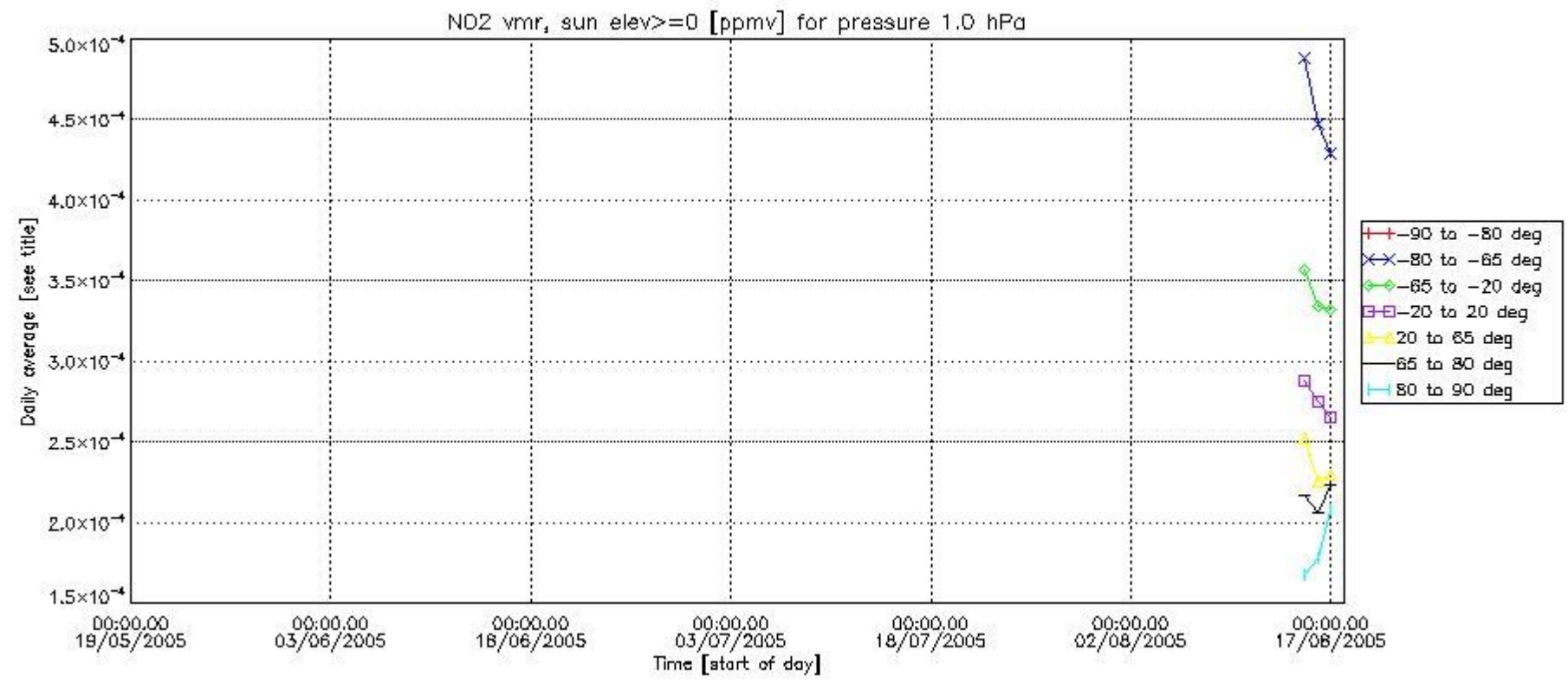


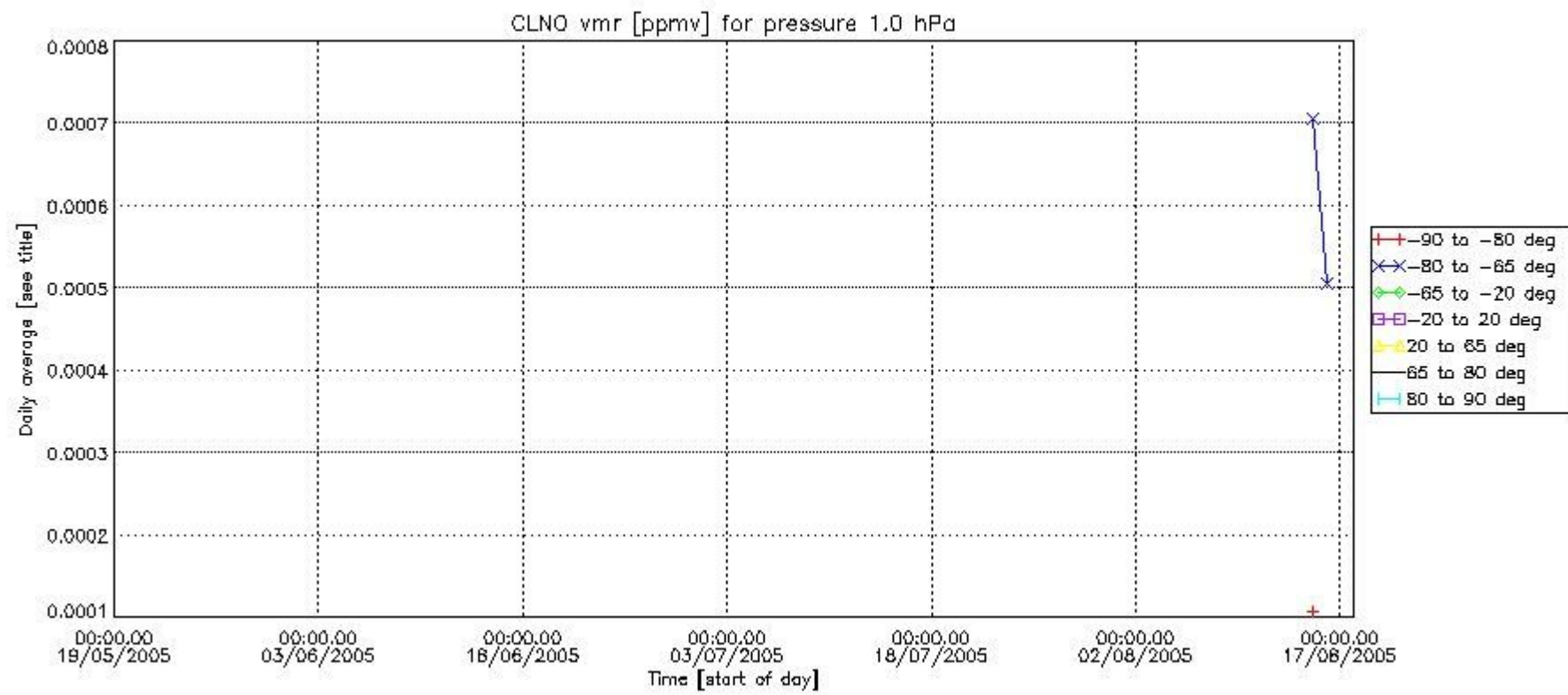
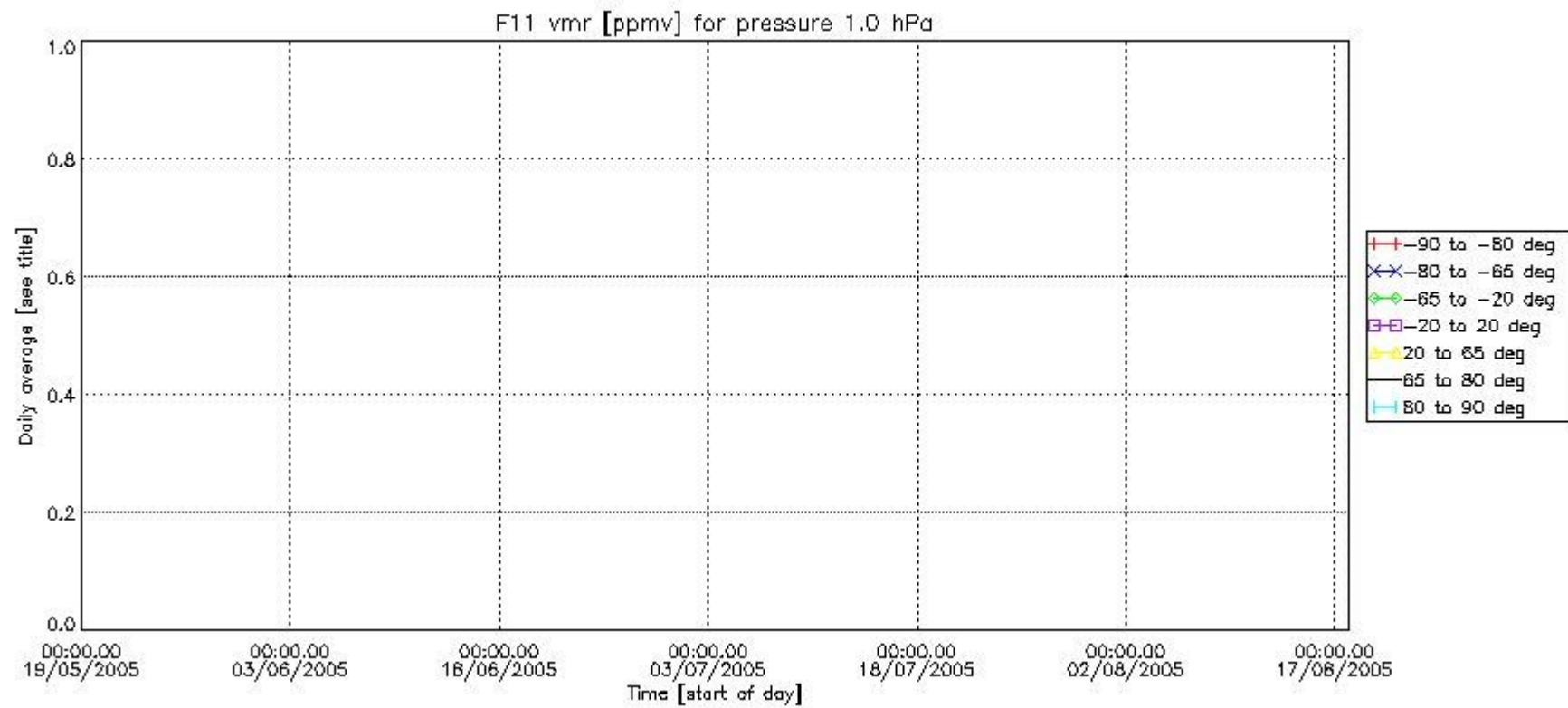


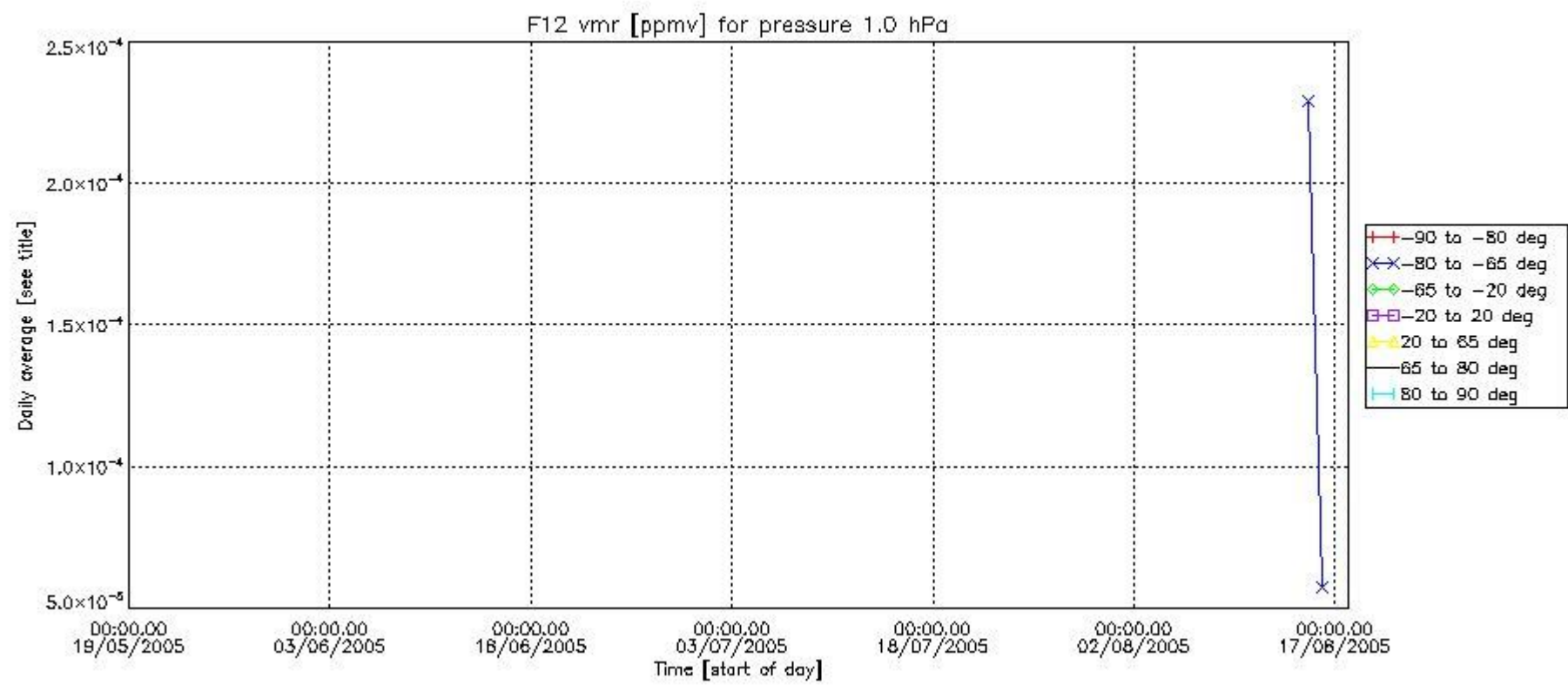
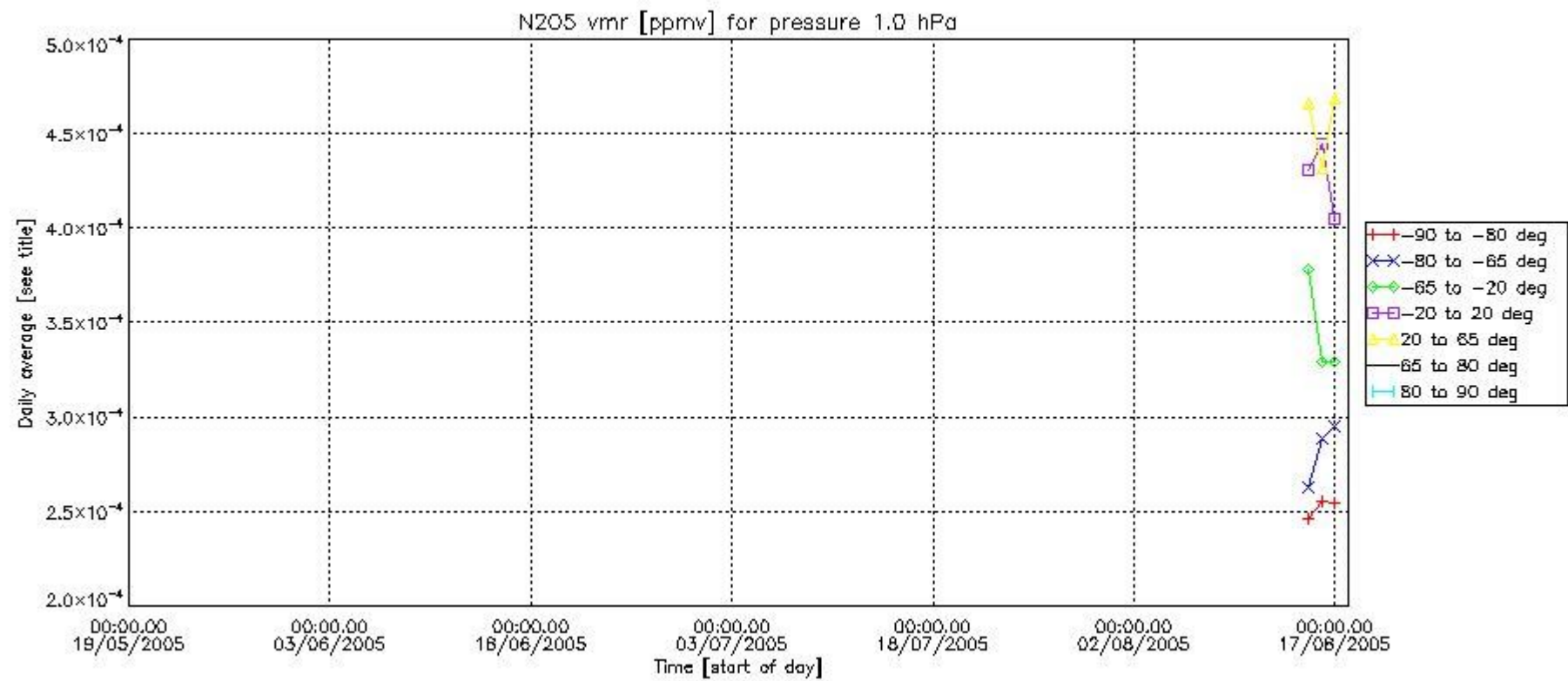


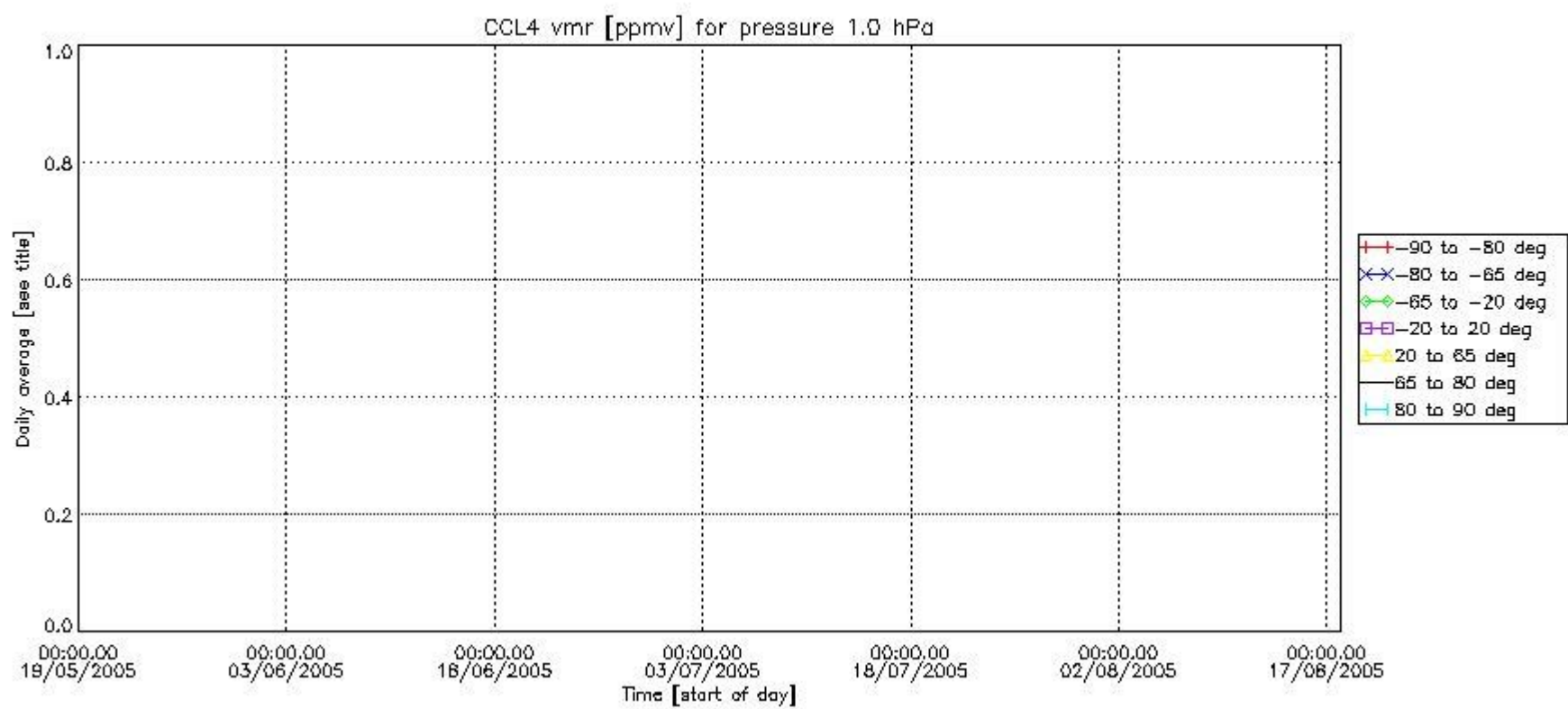
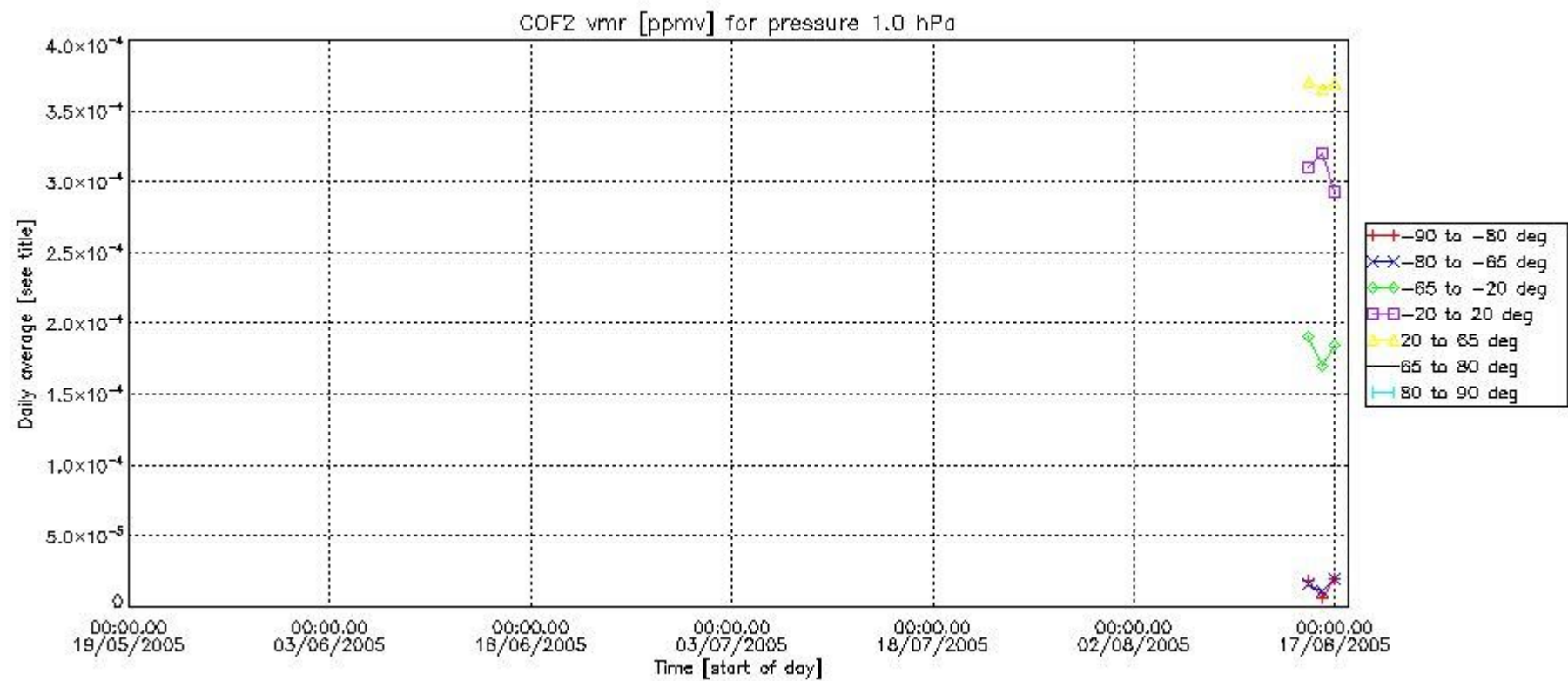


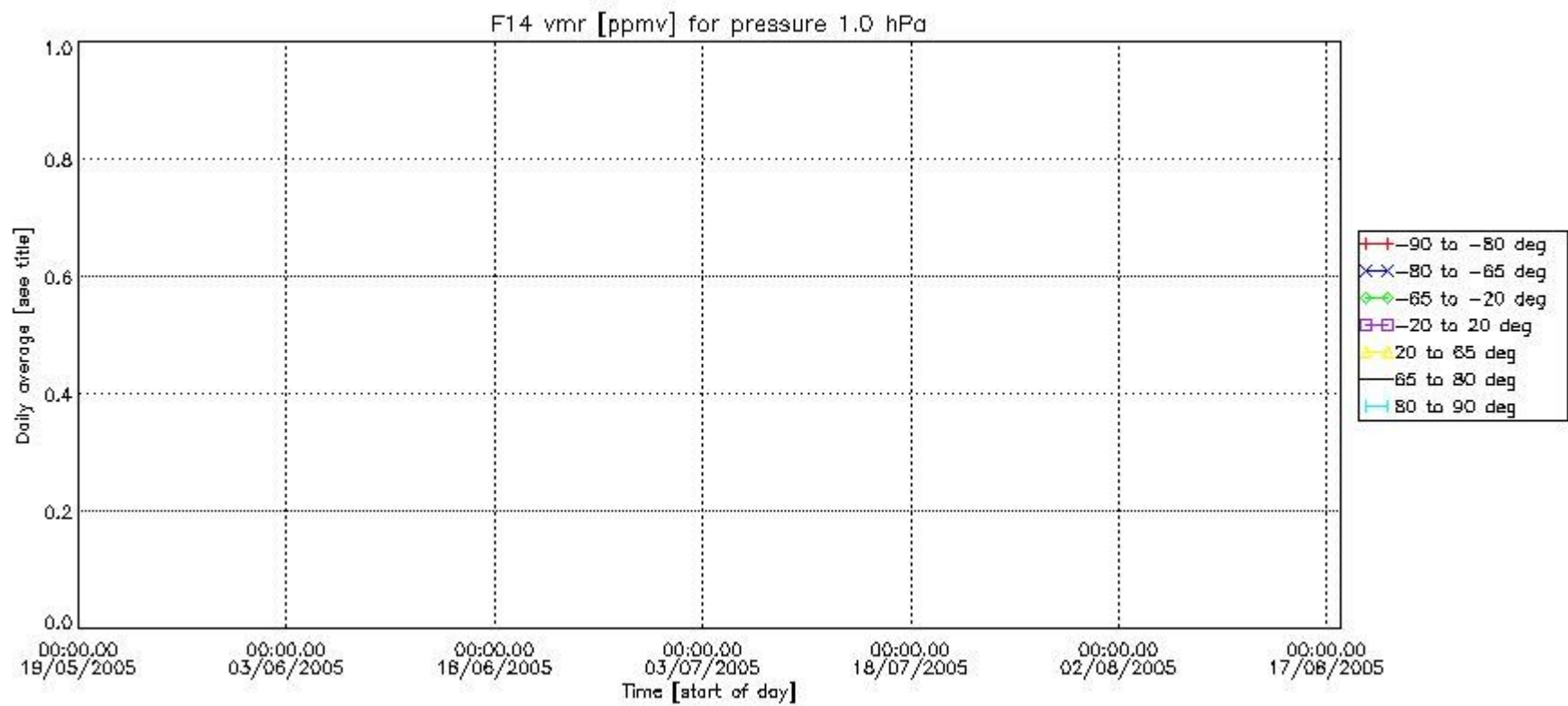
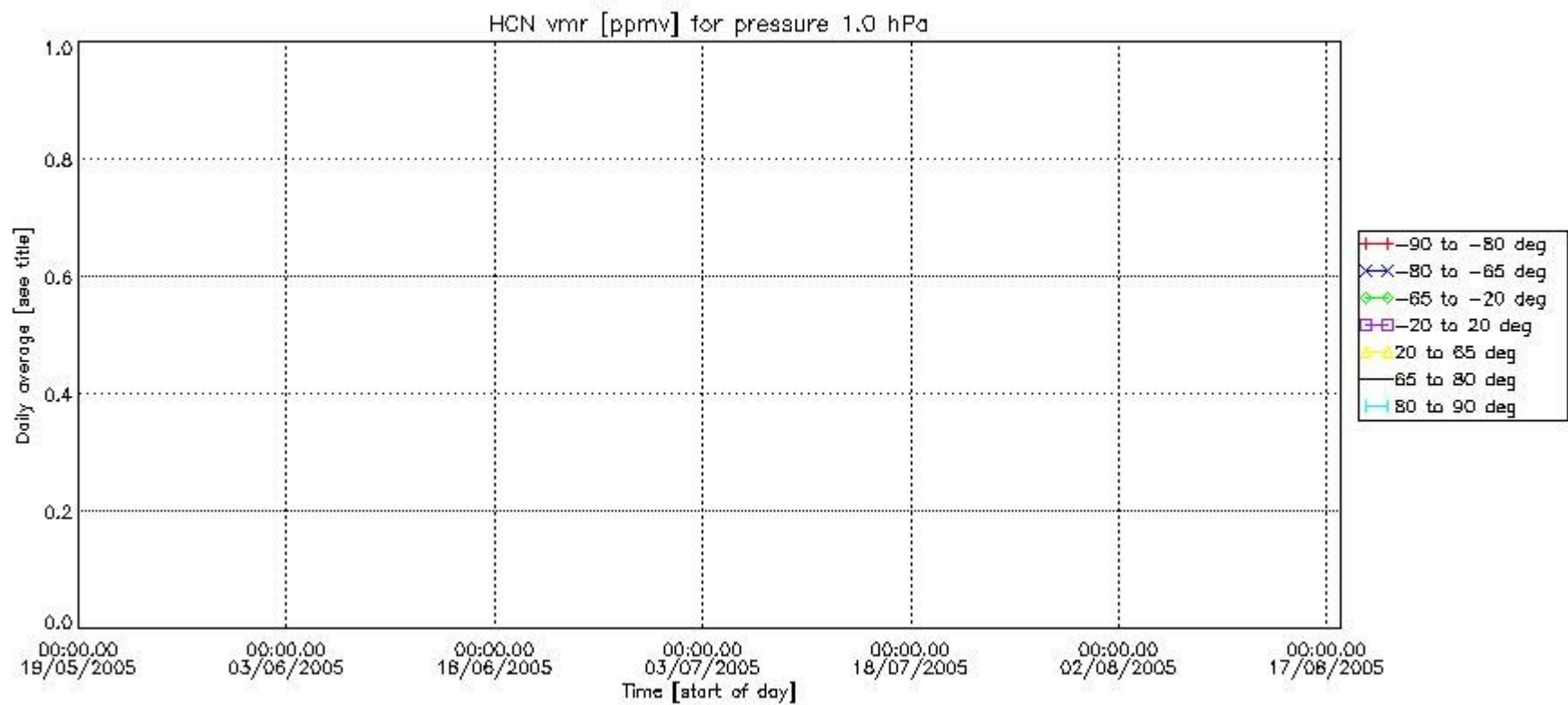


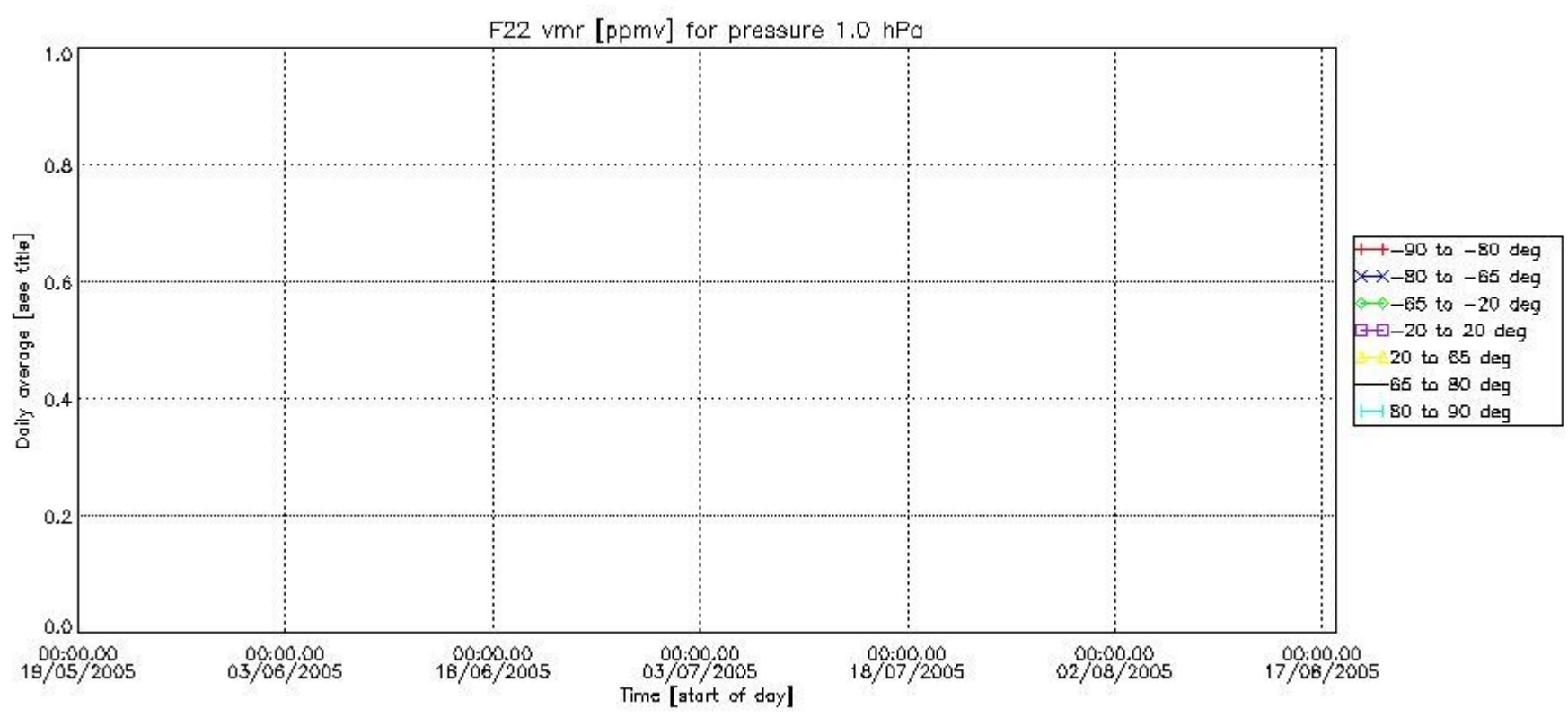












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

