

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050822.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 14:48:30
Data source version	ML2PP/7.03-W
Processing scope for products	22AUG2005 00:00:00 to 23AUG2005 00:00:00
Start time of first product within scope	22AUG2005 01:36:34
Stop time of last product within scope	22AUG2005 22:43:29
Total number of level 2 products	12
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__2PWDSI20050822_013634_000057782040_00089_18179_1000.N1	22AUG2005 01:36:34	22AUG2005 03:12:52	0	123/123	VMR_TERM_MACRO_MICRO[CLNO/micro:1; HCN/micro:1]
1	MIP_NL__2PWDSI20050822_031342_000060172040_00090_18180_1000.N1	22AUG2005 03:13:42	22AUG2005 04:53:59	0	128/127	VMR_TERM_MACRO_MICRO[F14/macro:1; CLNO/micro:1]
2	MIP_NL__2PWDSI20050822_045405_000040972040_00091_18181_1000.N1	22AUG2005 04:54:05	22AUG2005 06:02:22	0	86/86	
3	MIP_NL__2PWDSI20050822_090537_000029782040_00093_18183_1000.N1	22AUG2005 09:05:37	22AUG2005 09:55:15	0	66/66	VMR_TERM_MACRO_MICRO[HCN/macro:1; CLNO/micro:1]
4	MIP_NL__2PWDSI20050822_095606_000060302040_00094_18184_1000.N1	22AUG2005 09:56:06	22AUG2005 11:36:35	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:1]
5	MIP_NL__2PWDSI20050822_113641_000060302040_00095_18185_1000.N1	22AUG2005 11:36:41	22AUG2005 13:17:11	0	86/86	
6	MIP_NL__2PWDSI20050822_131717_000054182040_00096_18186_1000.N1	22AUG2005 13:17:17	22AUG2005 14:47:35	0	115/114	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:1]
7	MIP_NL__2PWDSI20050822_150259_000057242040_00097_18187_1000.N1	22AUG2005 15:02:59	22AUG2005 16:38:23	0	122/122	
8	MIP_NL__2PWDSI20050822_163829_000060302040_00098_18188_1000.N1	22AUG2005 16:38:29	22AUG2005 18:18:59	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; CCL4/micro:1; HCN/micro:3]
9	MIP_NL__2PWDSI20050822_181905_000060302040_00099_18189_1000.N1	22AUG2005 18:19:05	22AUG2005 19:59:35	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
10	MIP_NL__2PWDSI20050822_195941_000060302040_00100_18190_1000.N1	22AUG2005 19:59:41	22AUG2005 21:40:11	0	120/120	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
11	MIP_NL__2PWDSI20050822_214017_000037912040_00101_18191_1000.N1	22AUG2005 21:40:17	22AUG2005 22:43:29	0	79/79	VMR_TERM_MACRO_MICRO[HCN/macro:1]

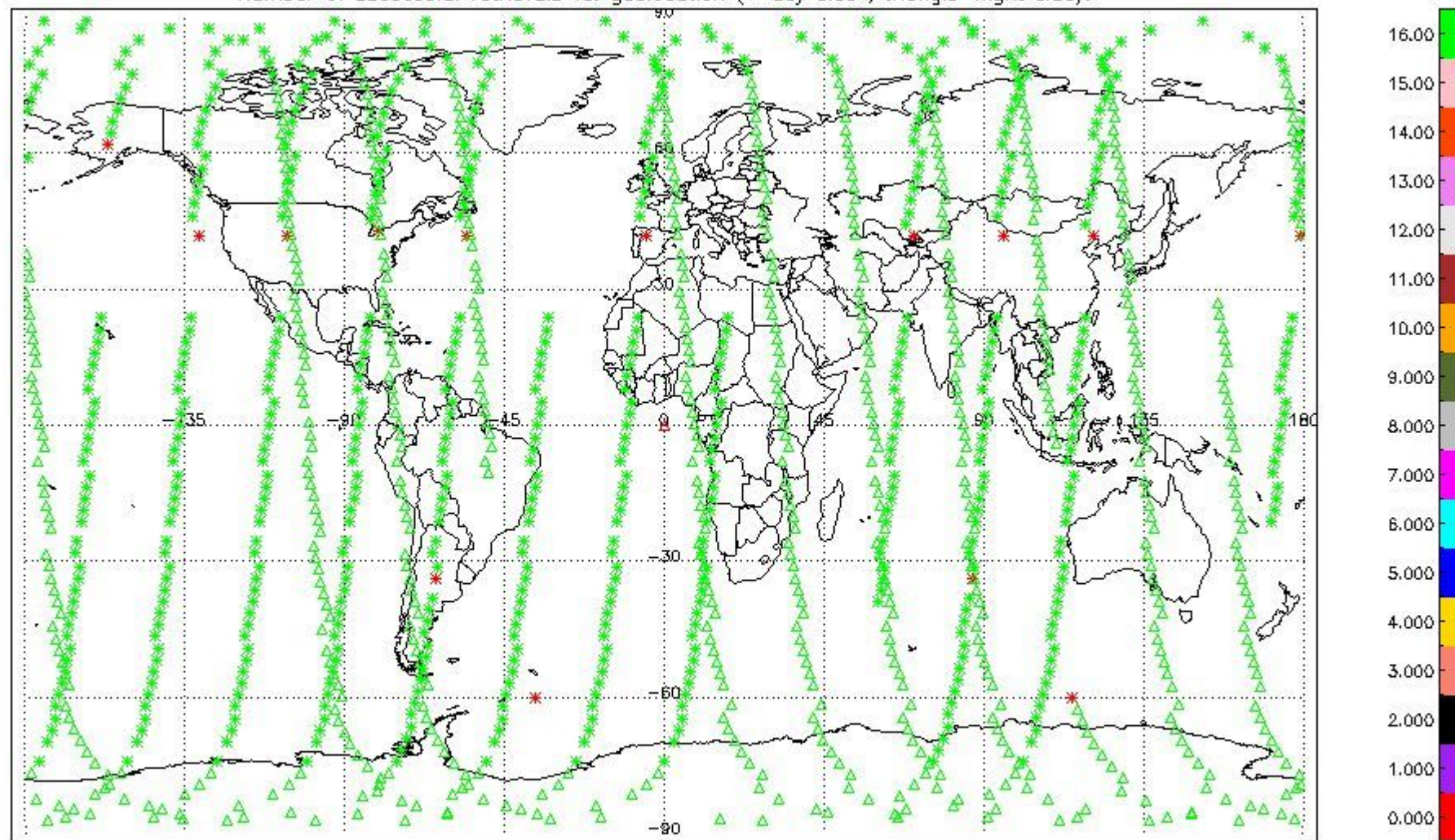
2.2 Processing performance indicators

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.

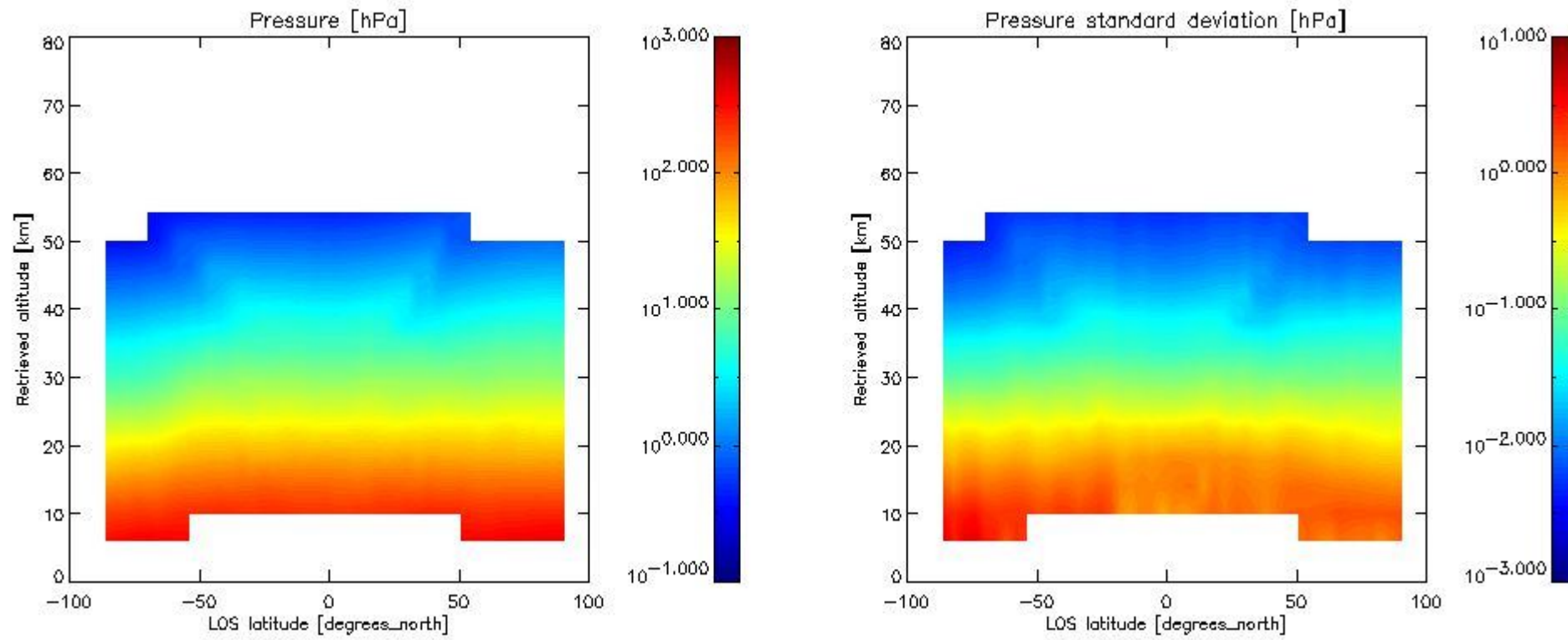
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1307	1286	98.393
H2O	1307	1286	98.393
O3	1307	1286	98.393
HNO3	1307	1286	98.393
CH4	1307	1286	98.393
N2O	1307	1286	98.393
NO2	1307	1286	98.393
F11	1307	1286	98.393
CLNO	1307	1286	98.393
N2O5	1307	1286	98.393
F12	1307	1286	98.393
COF2	1307	1286	98.393
CCL4	1307	1286	98.393
HCN	1307	1286	98.393
F14	1307	1286	98.393
F22	1307	1286	98.393

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



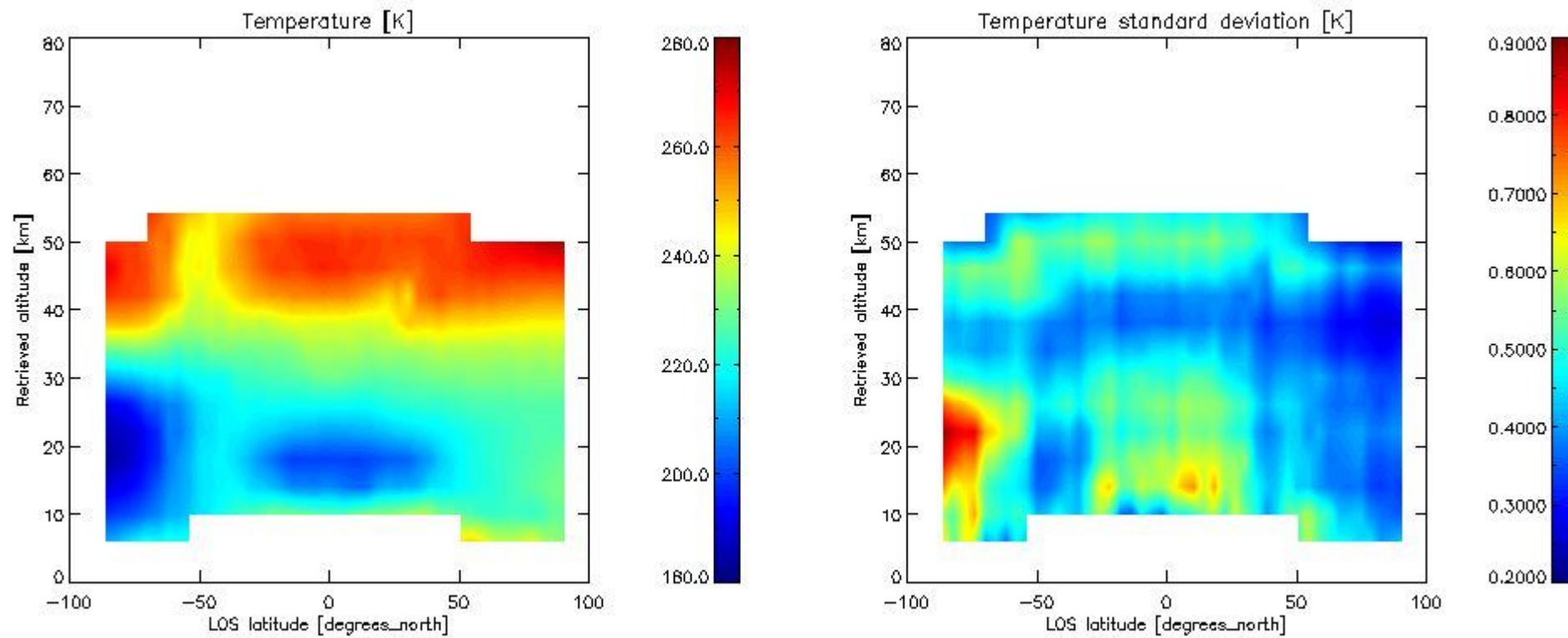
2.2.2 Pressure overview

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



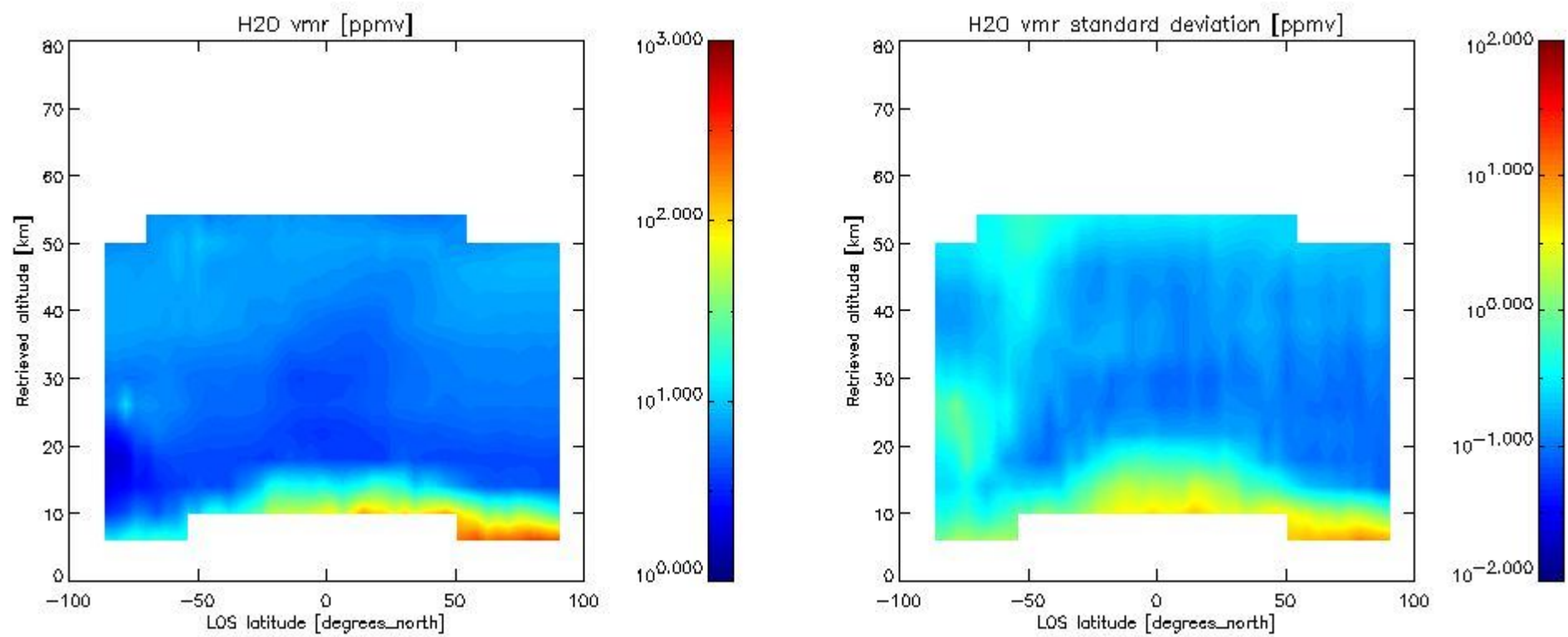
2.2.3 Temperature overview

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

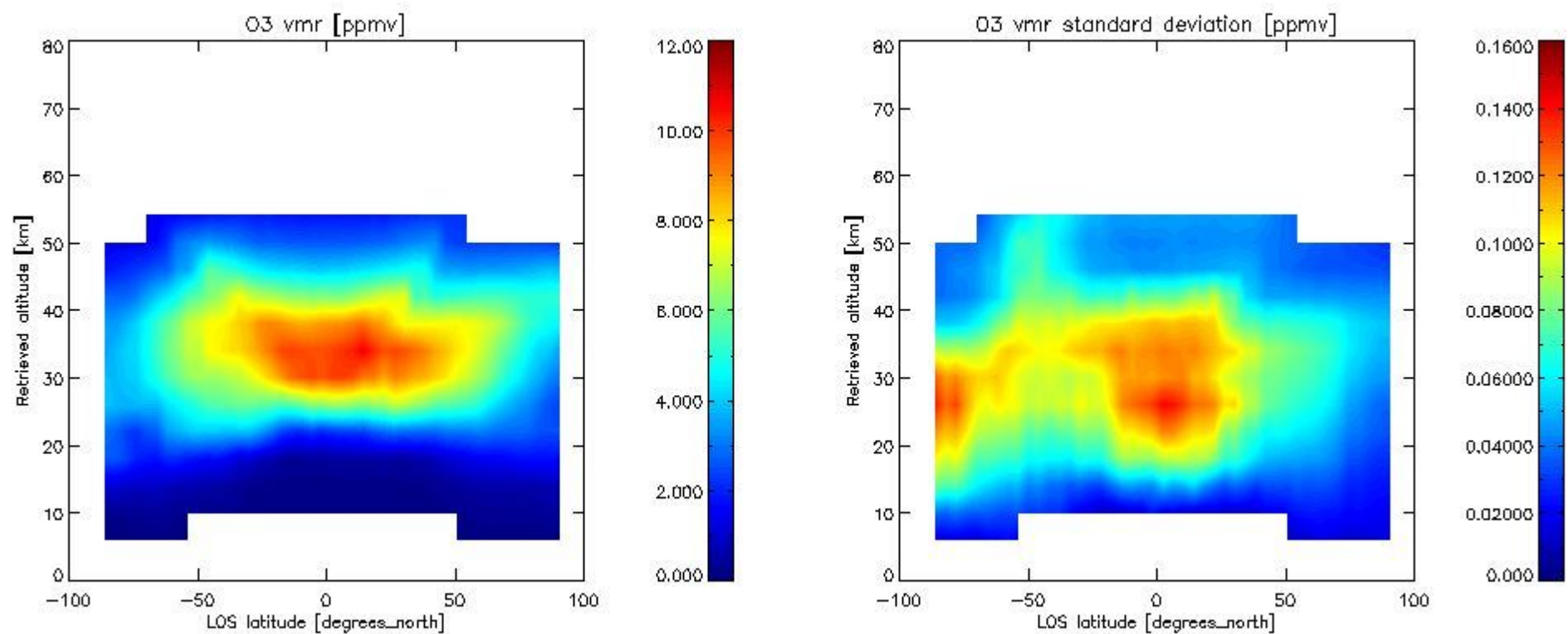


2.2.4 Species overview

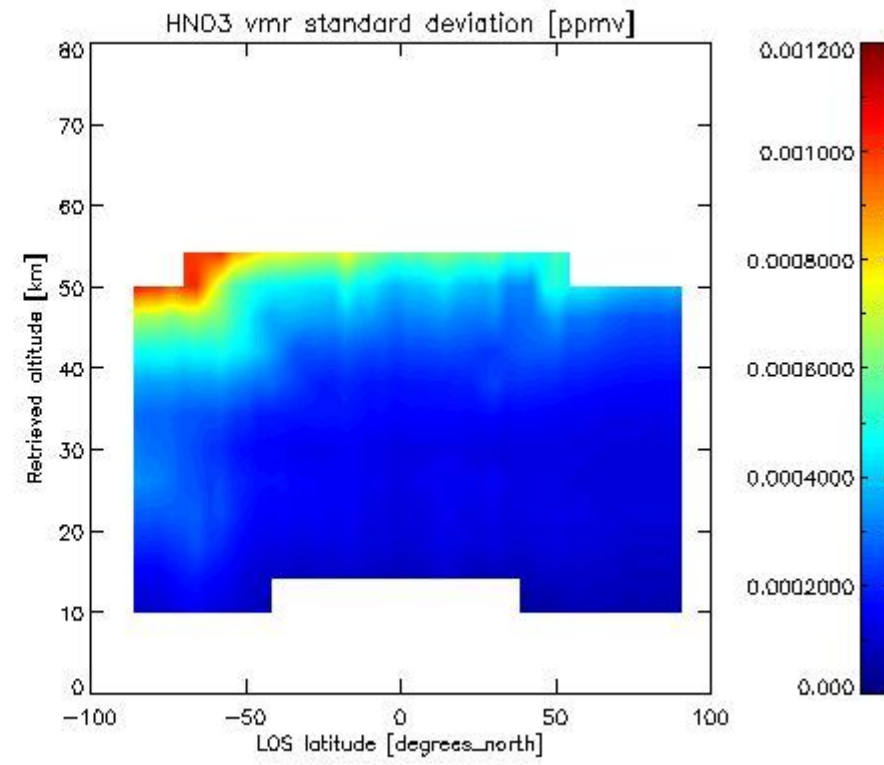
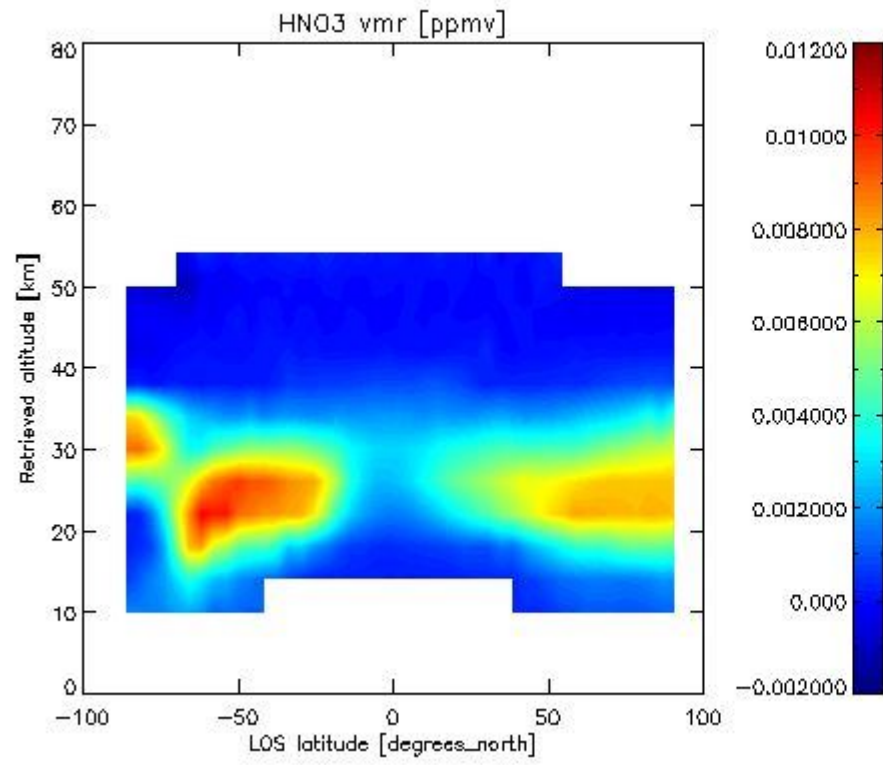
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



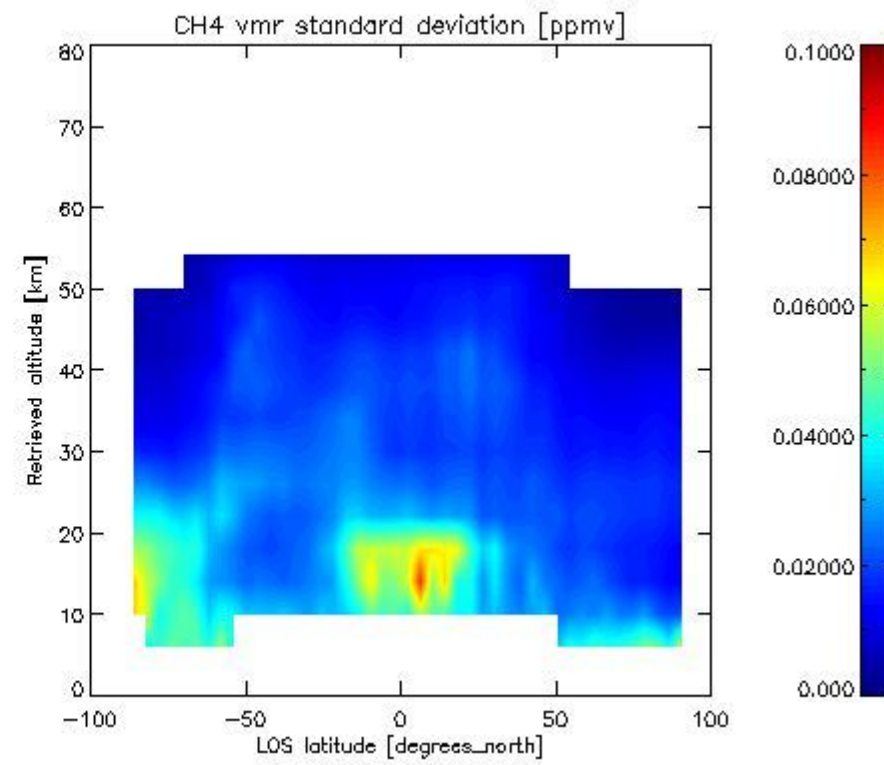
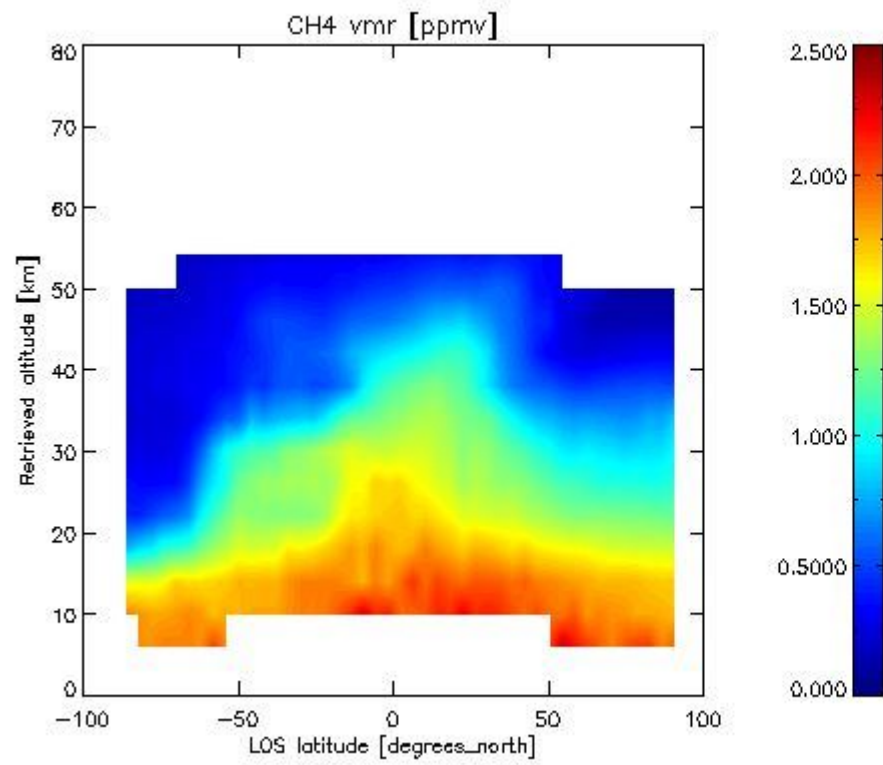
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



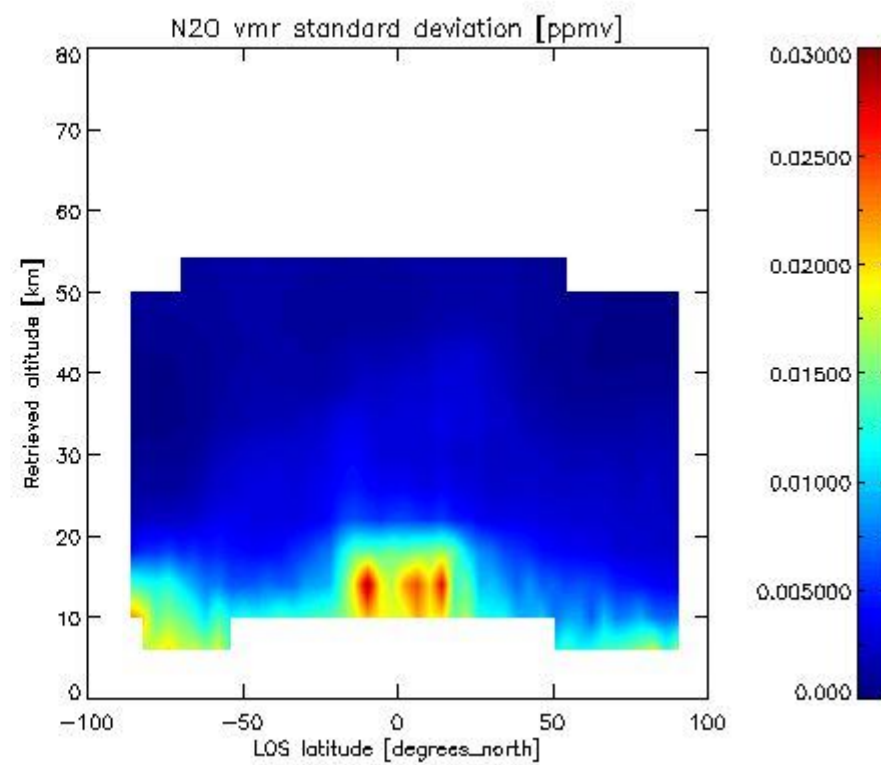
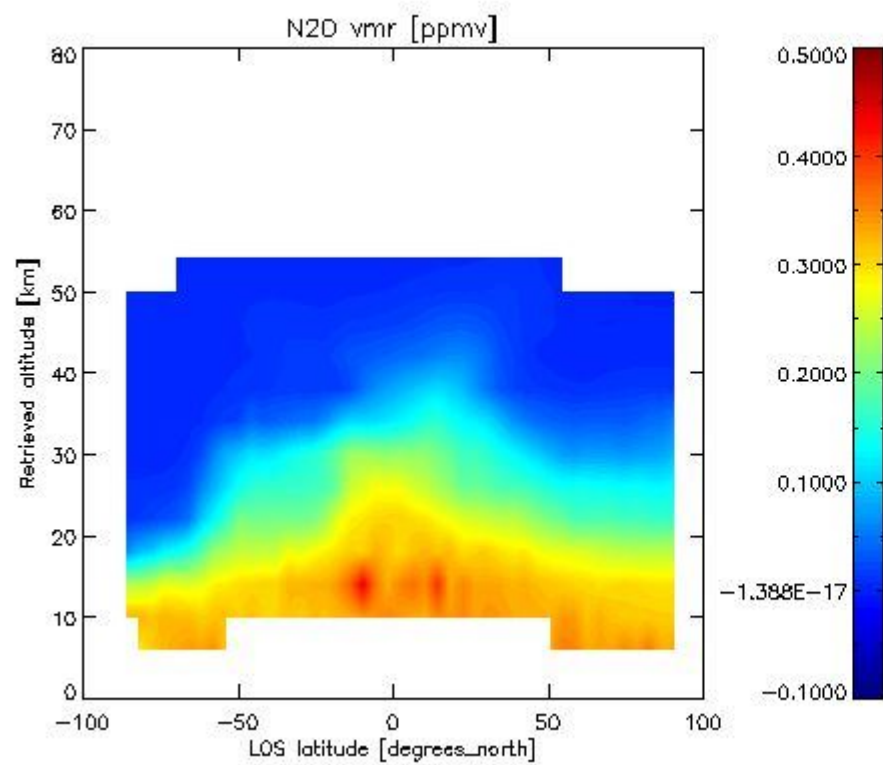
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



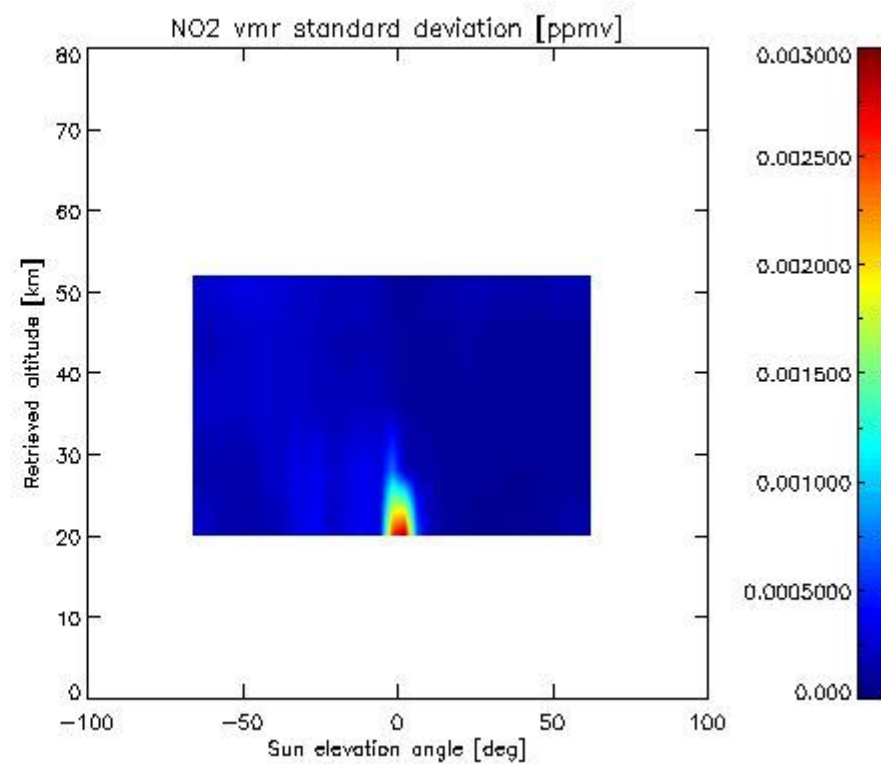
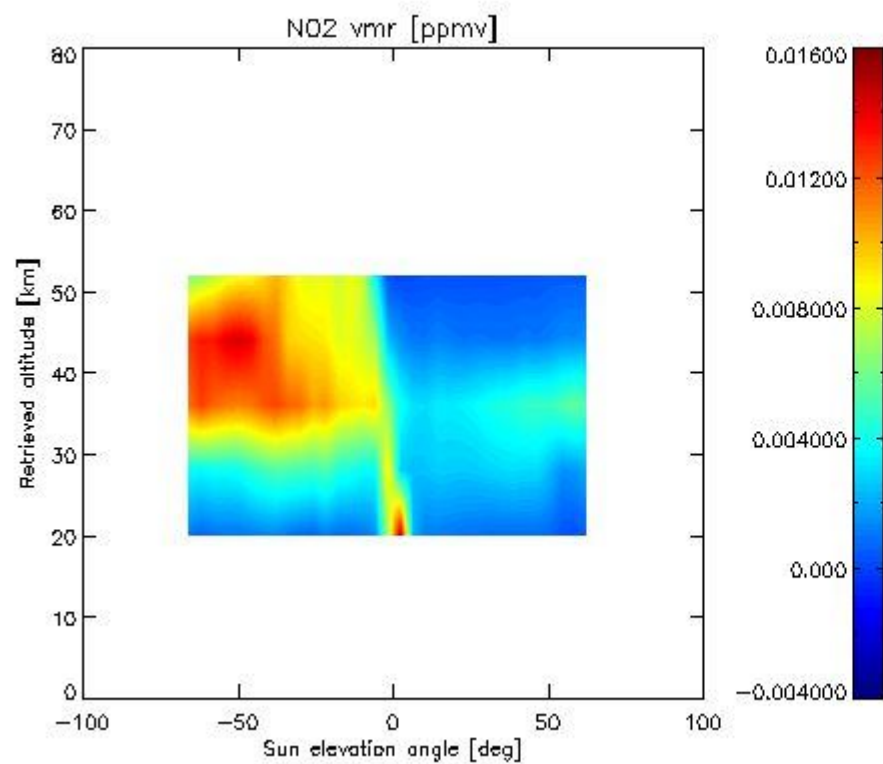
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



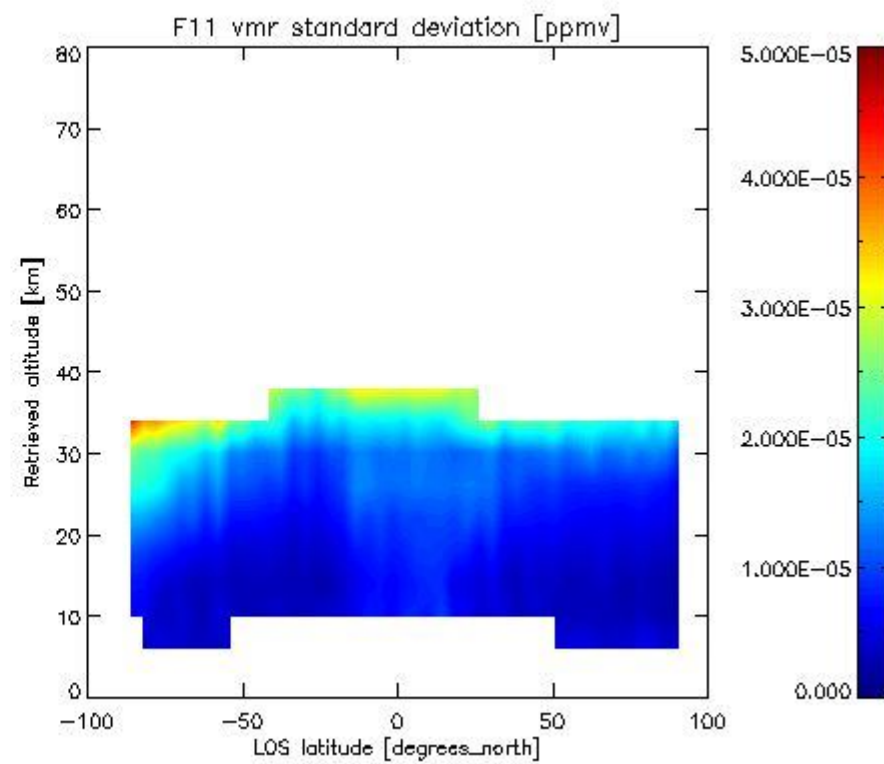
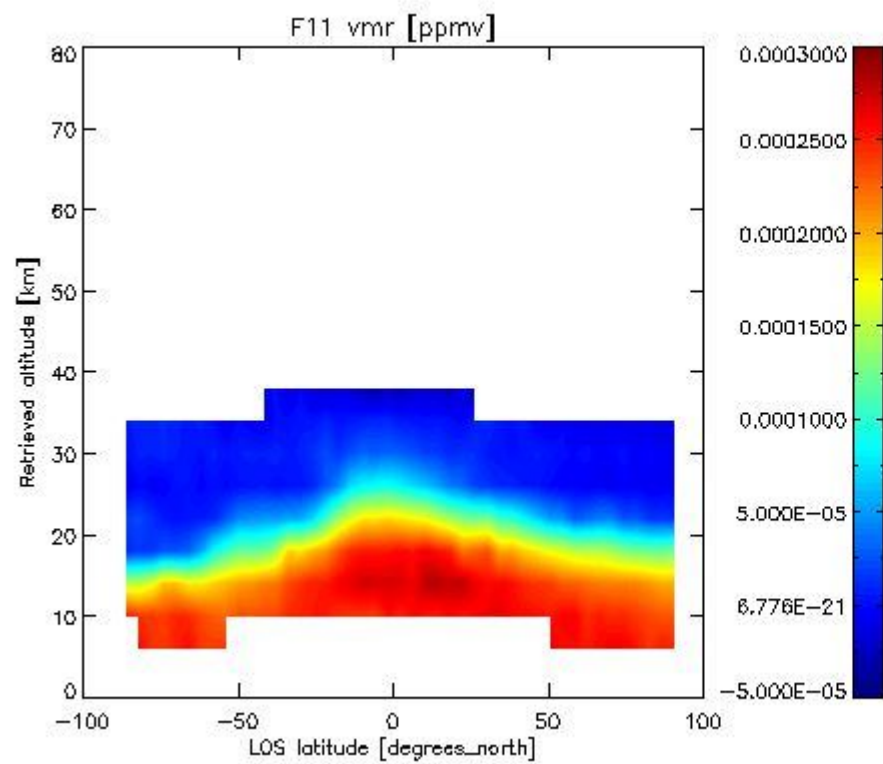
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



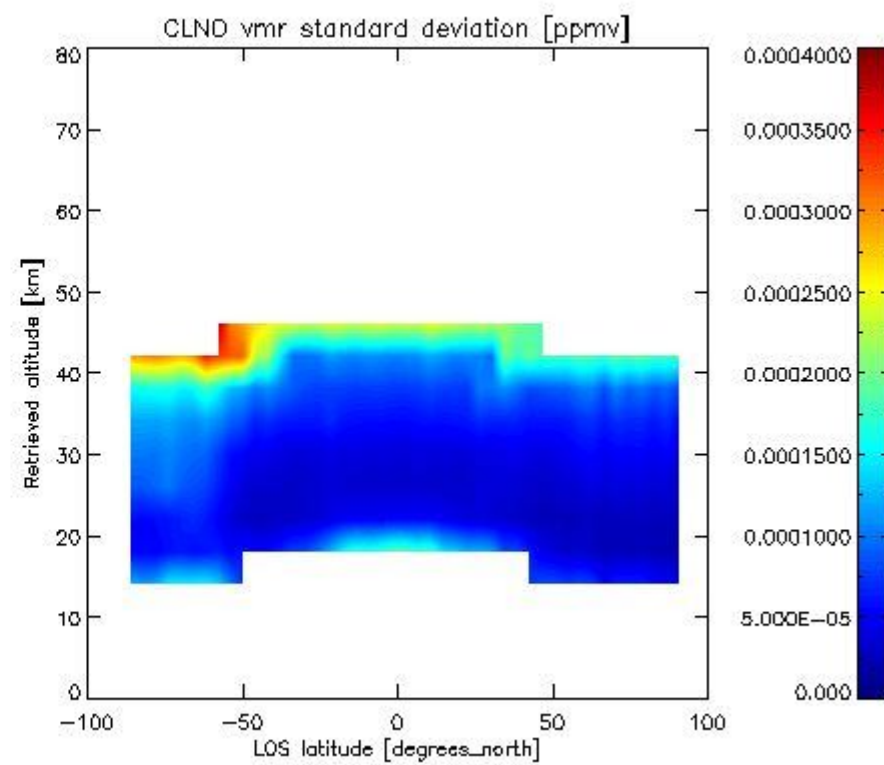
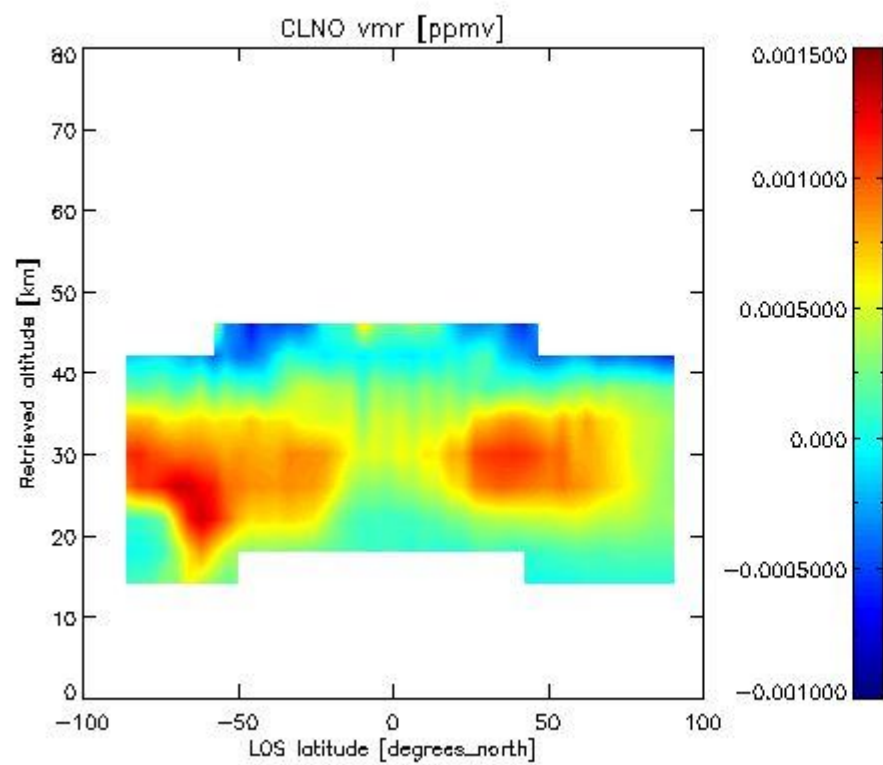
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

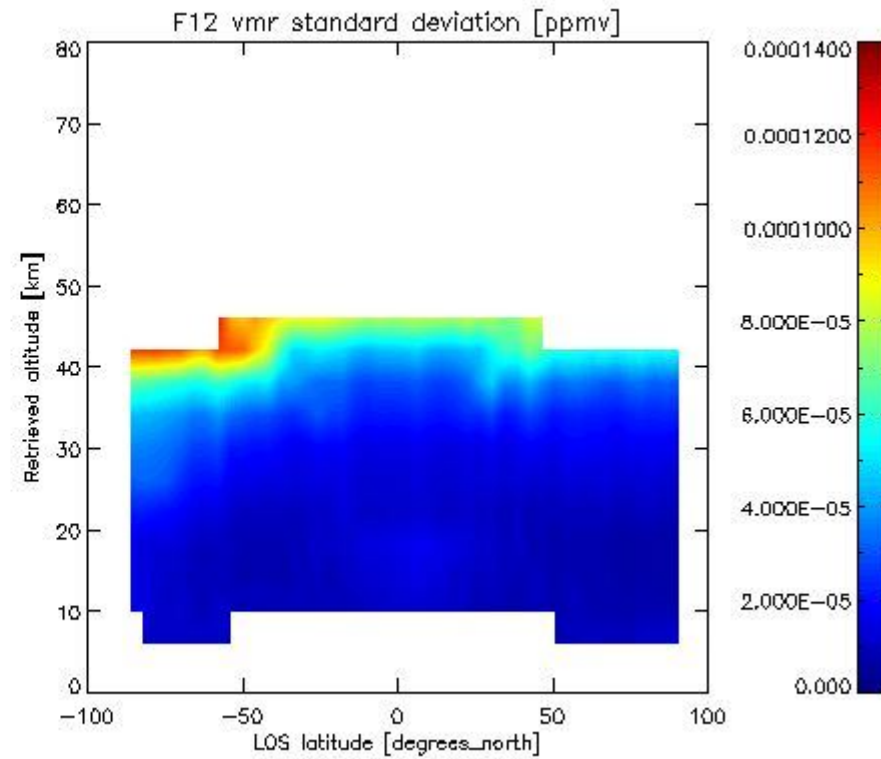
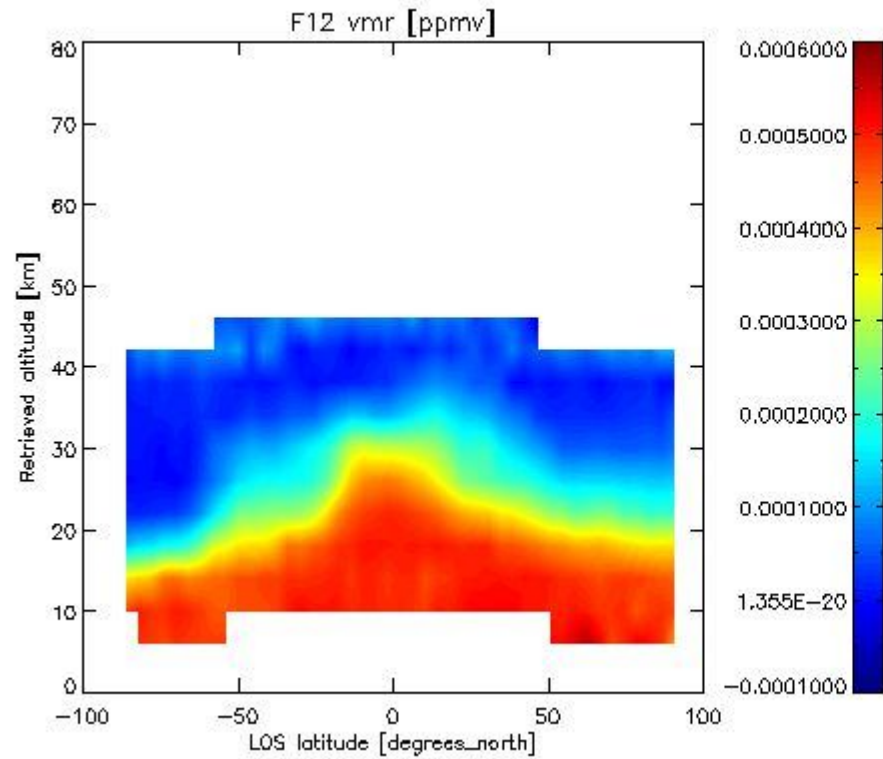
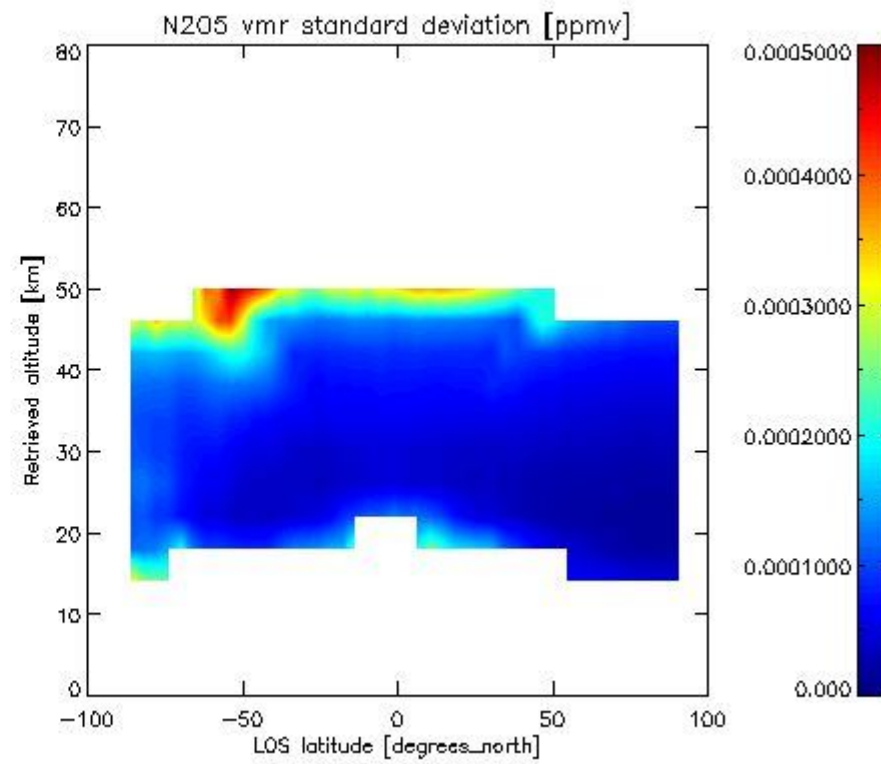
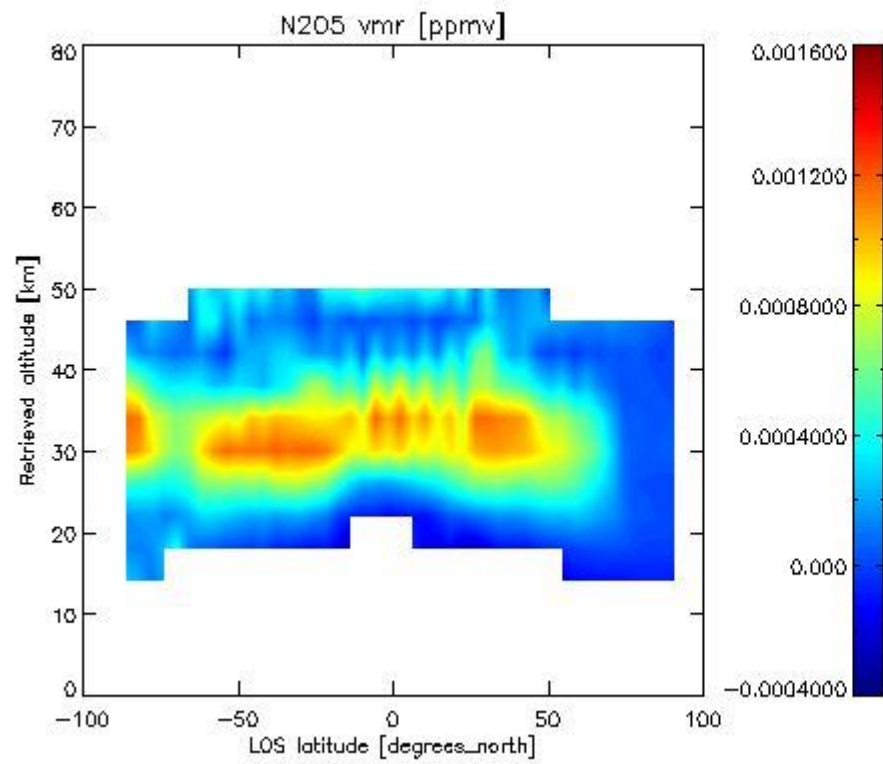


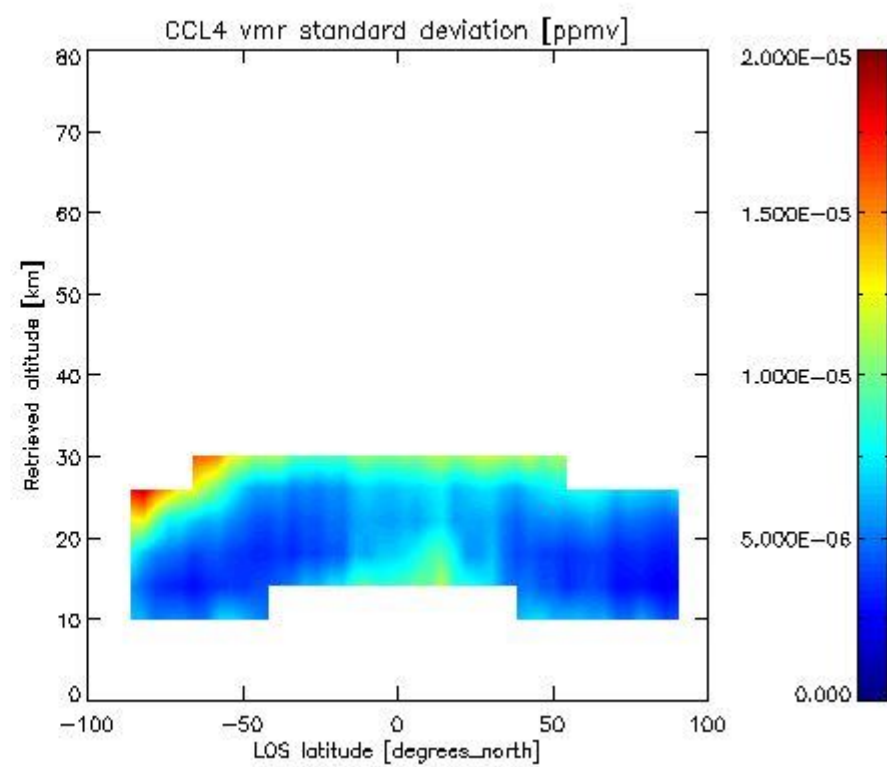
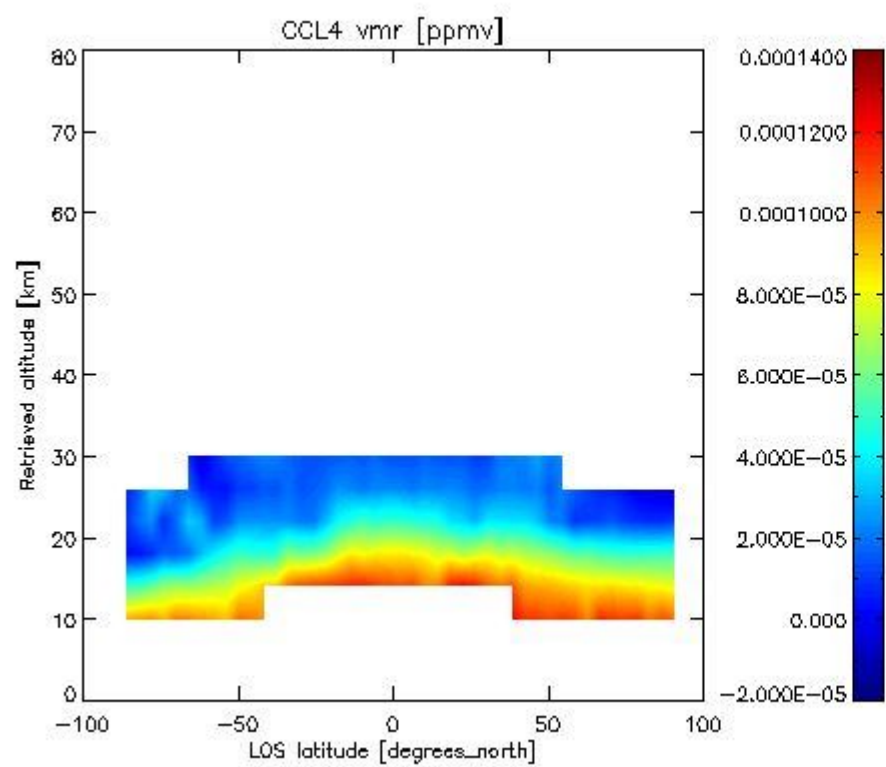
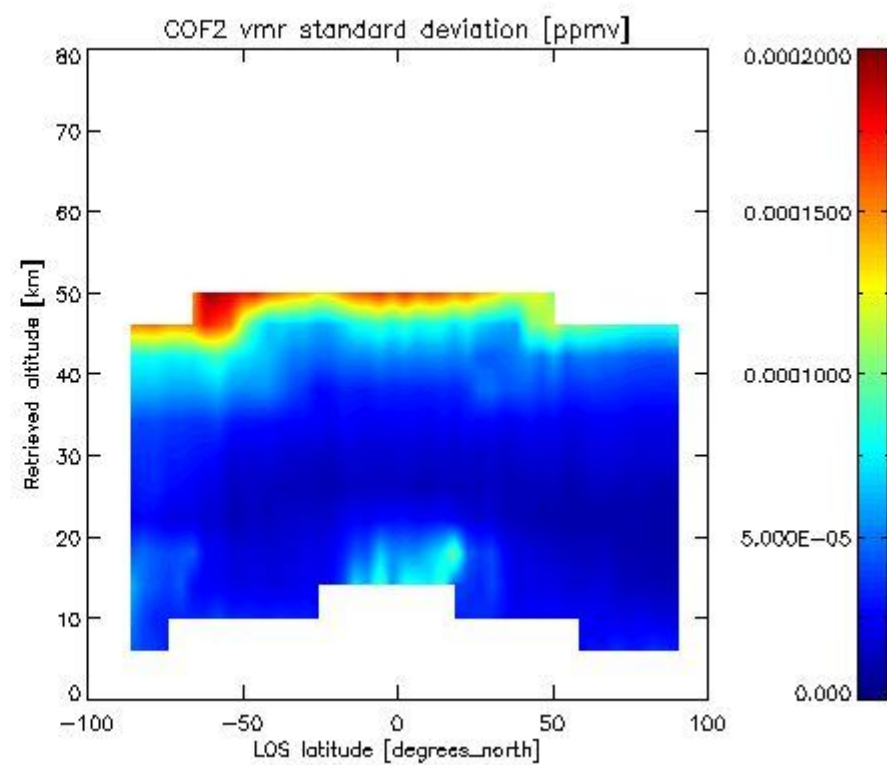
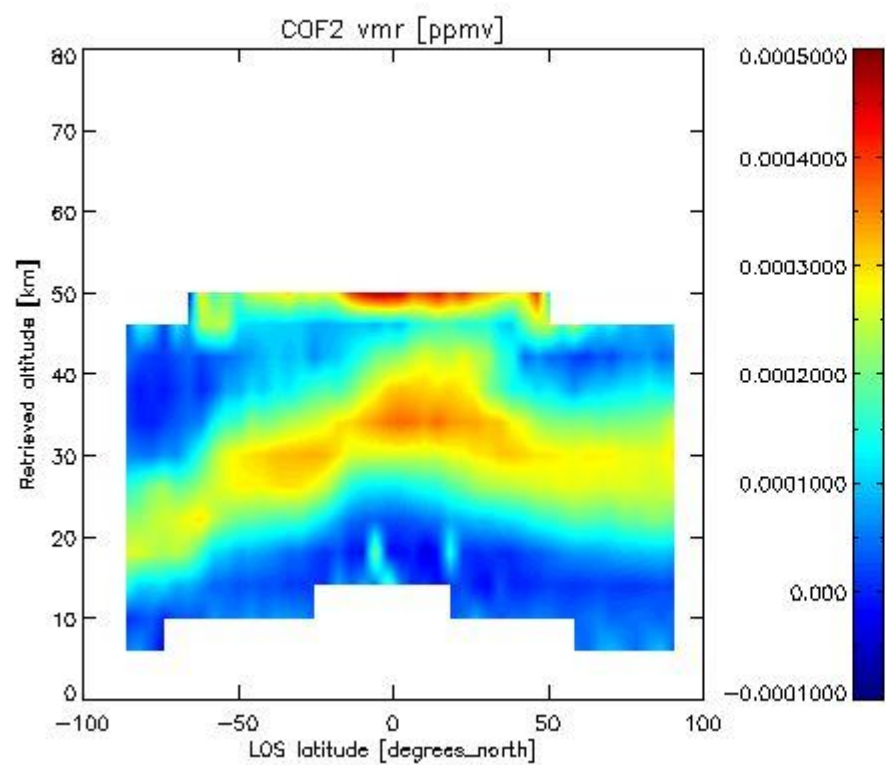
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

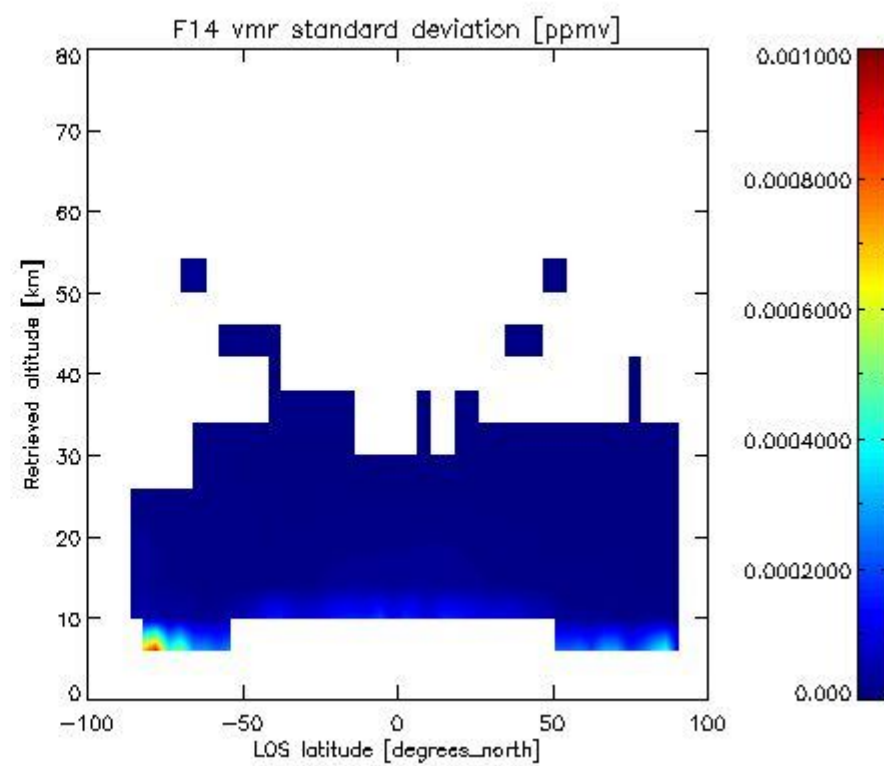
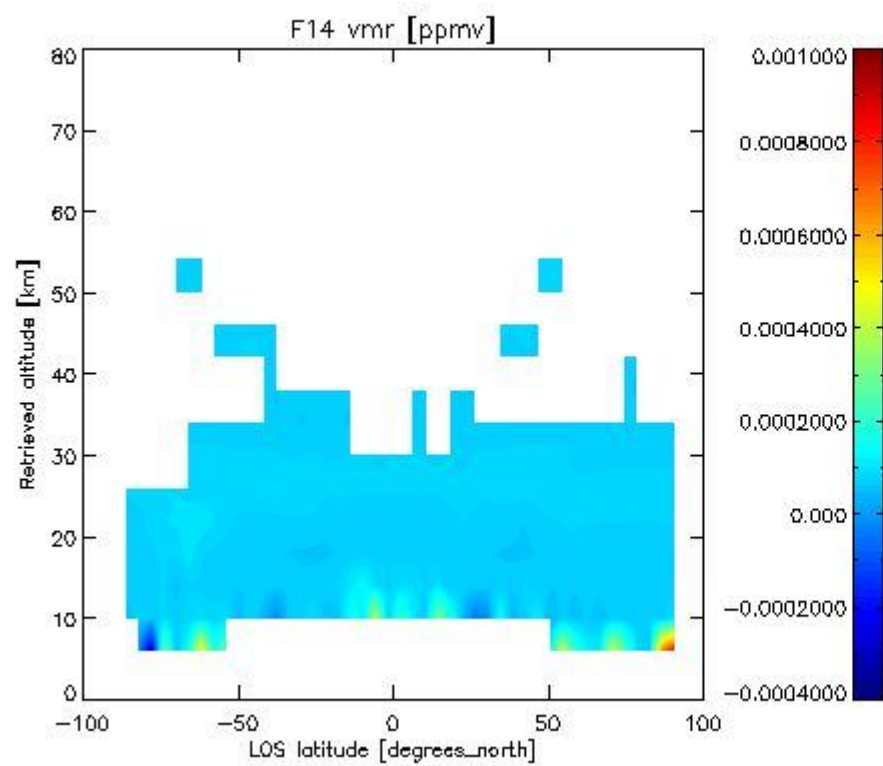
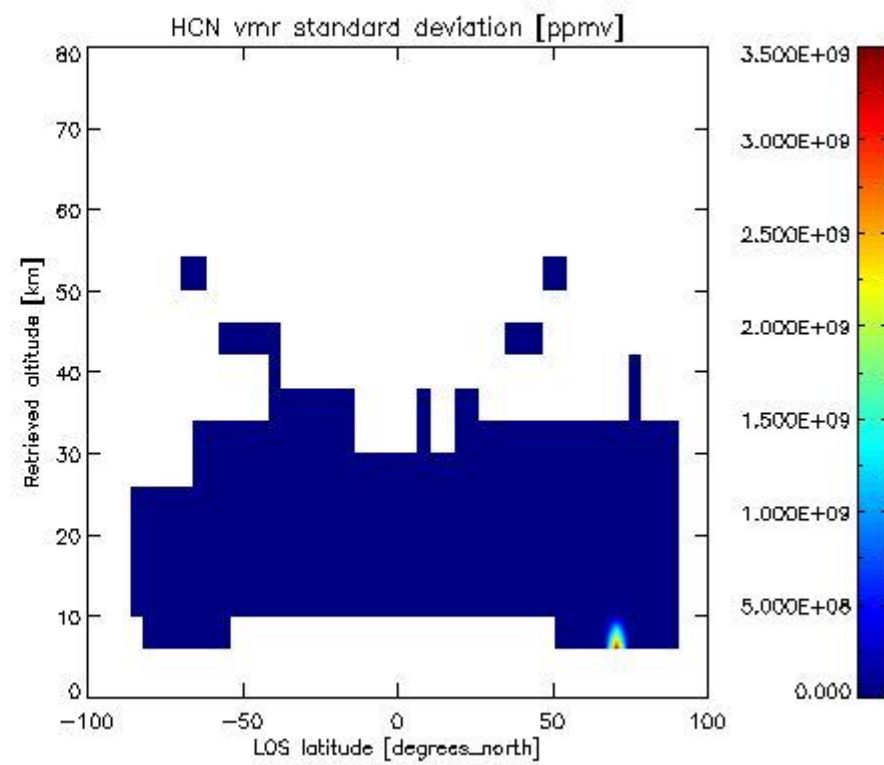
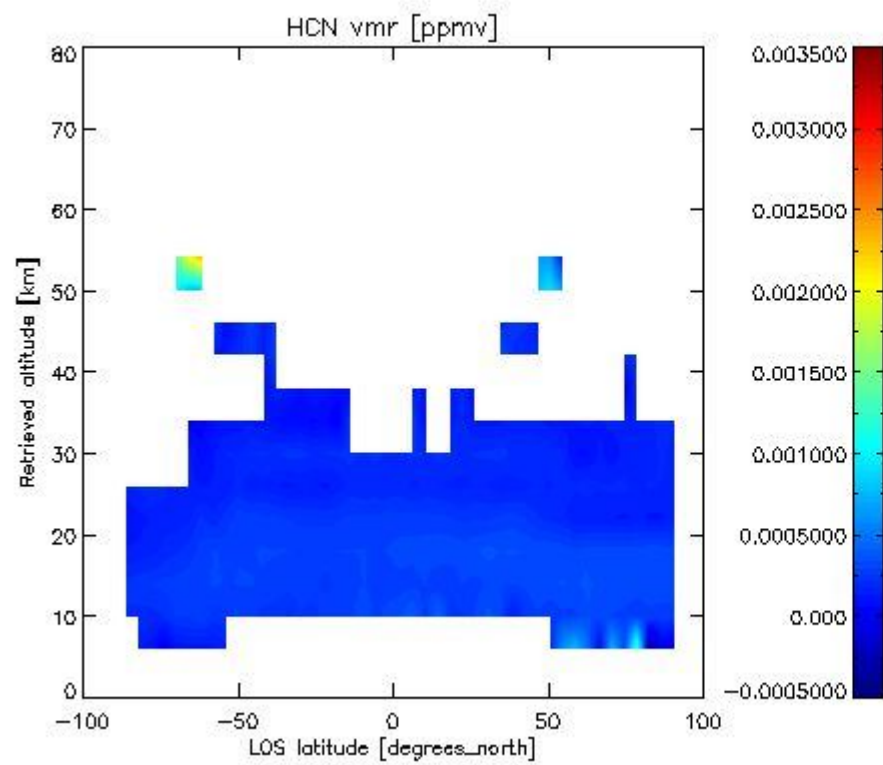


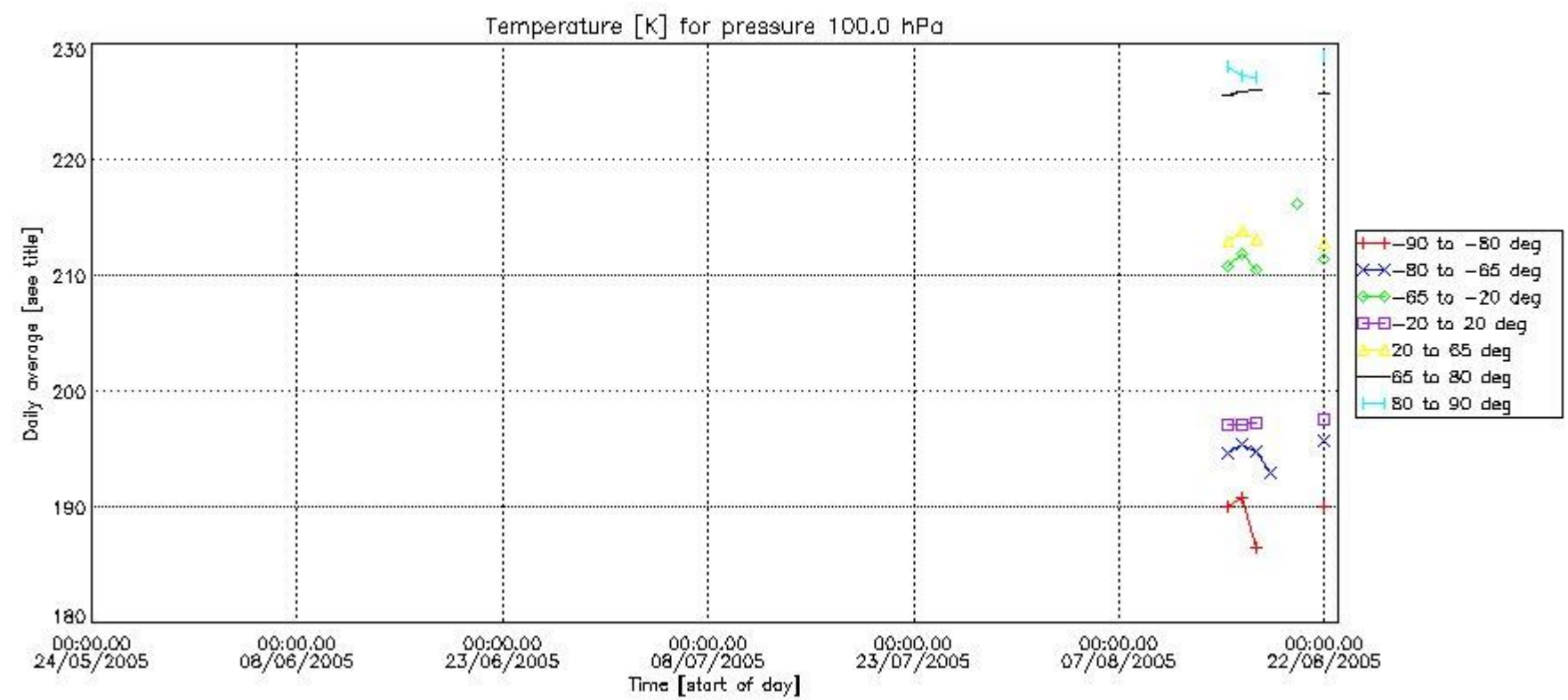
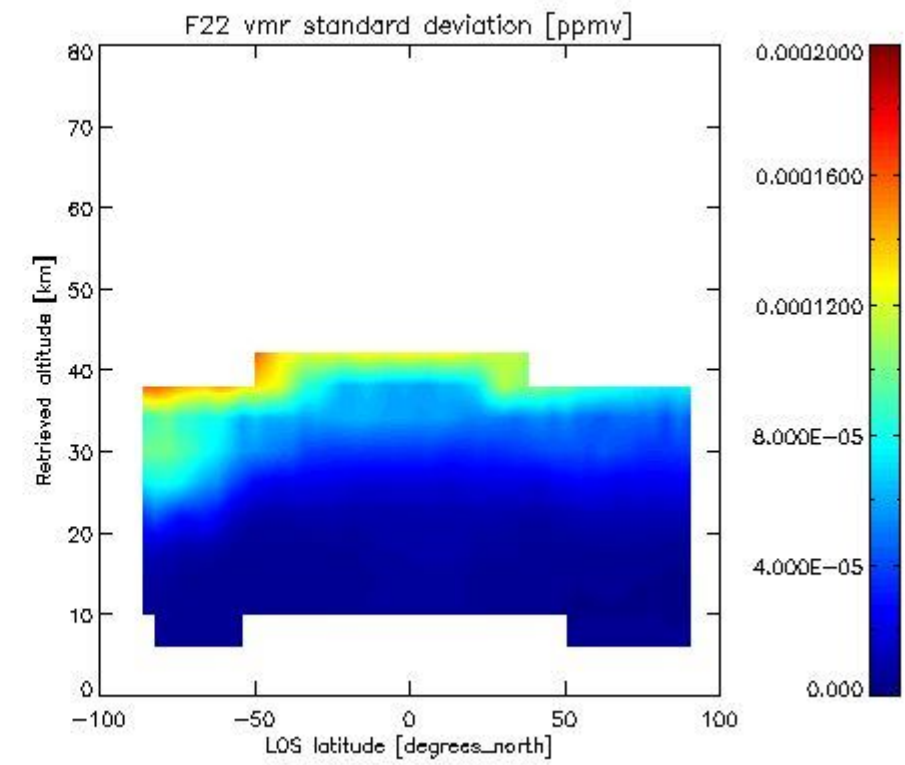
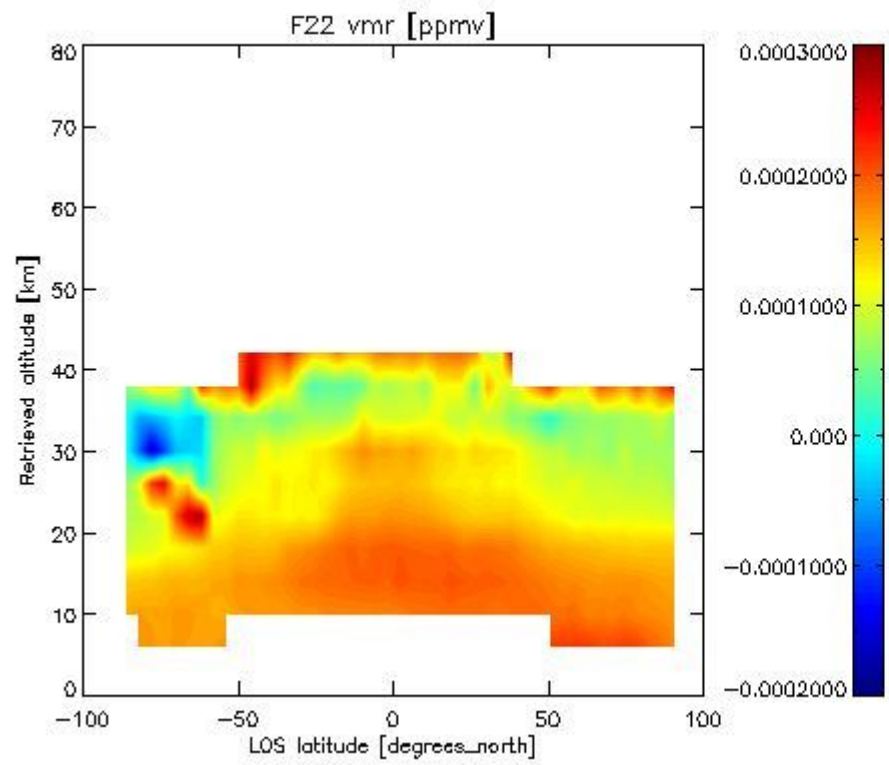
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

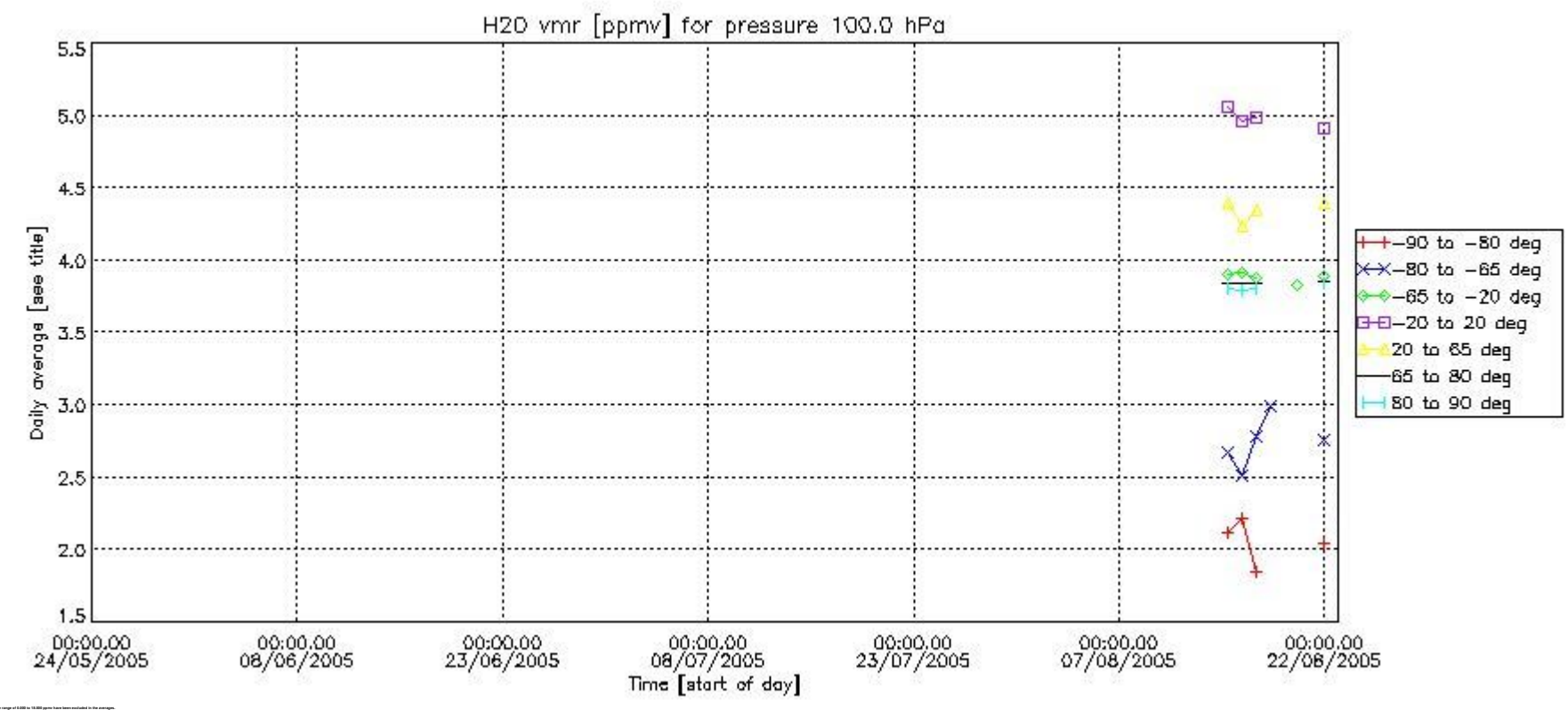
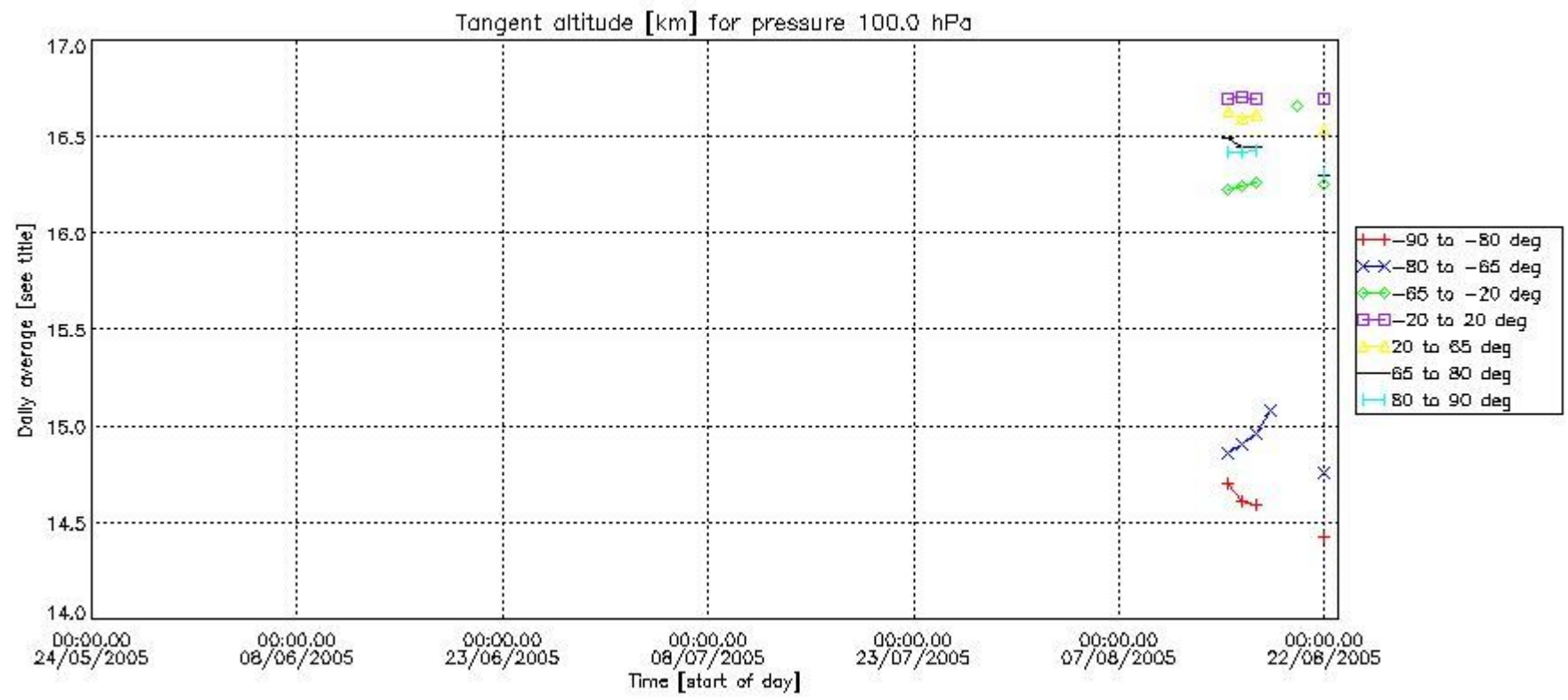


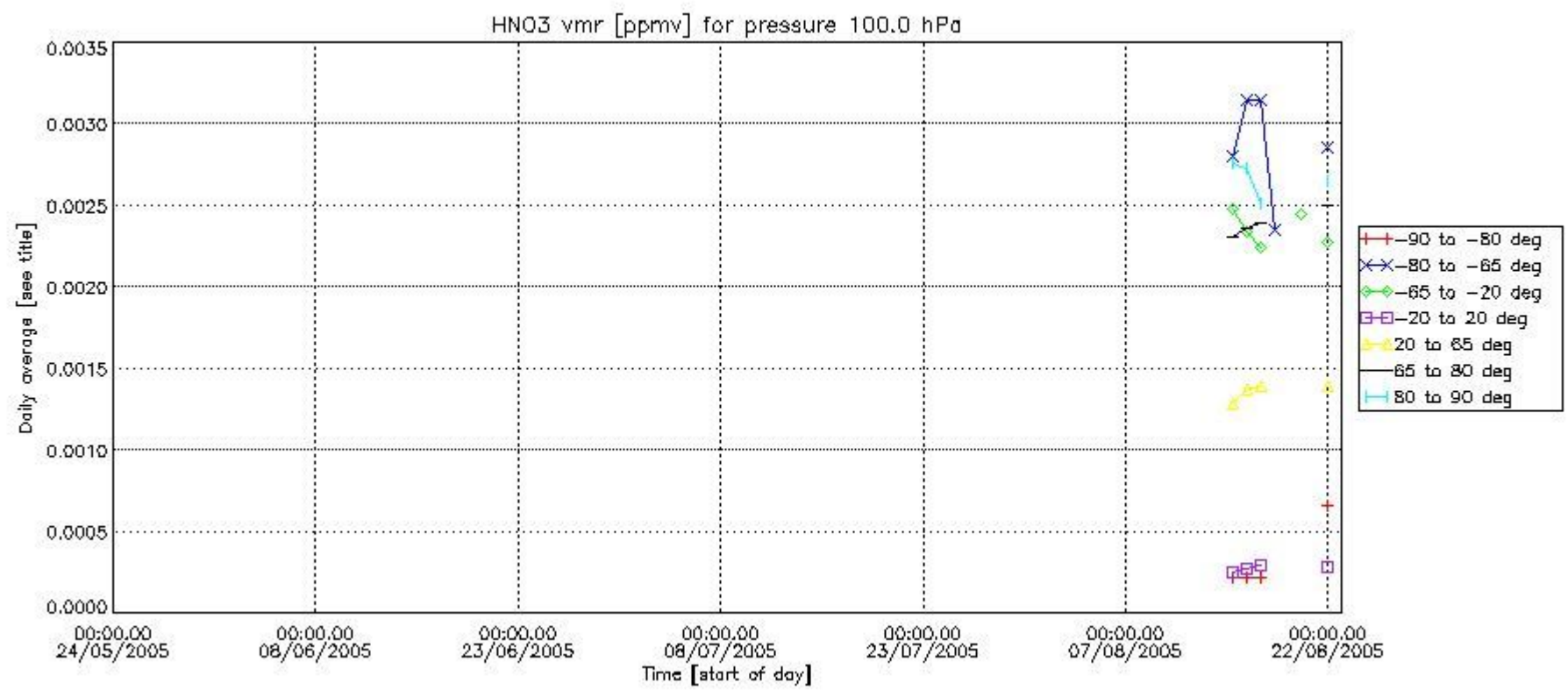
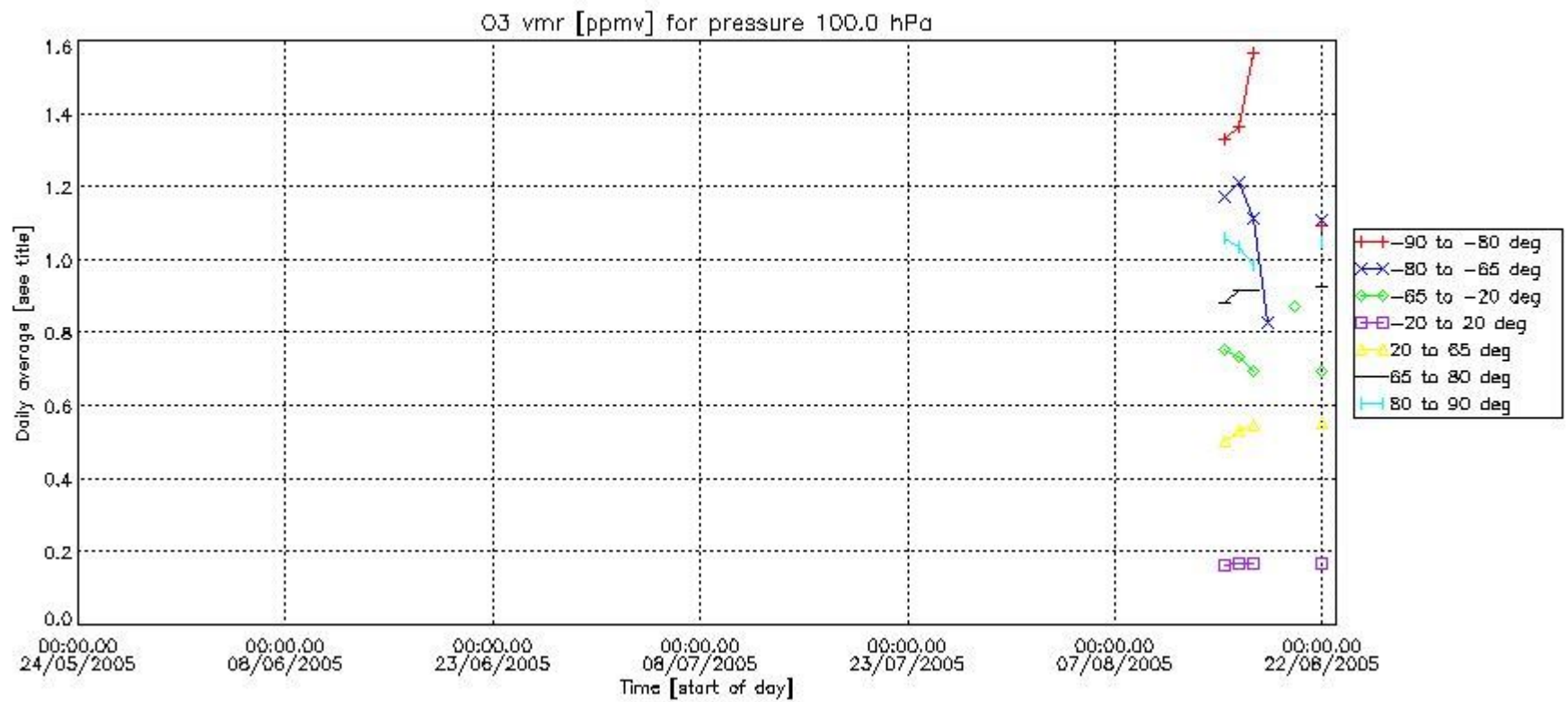


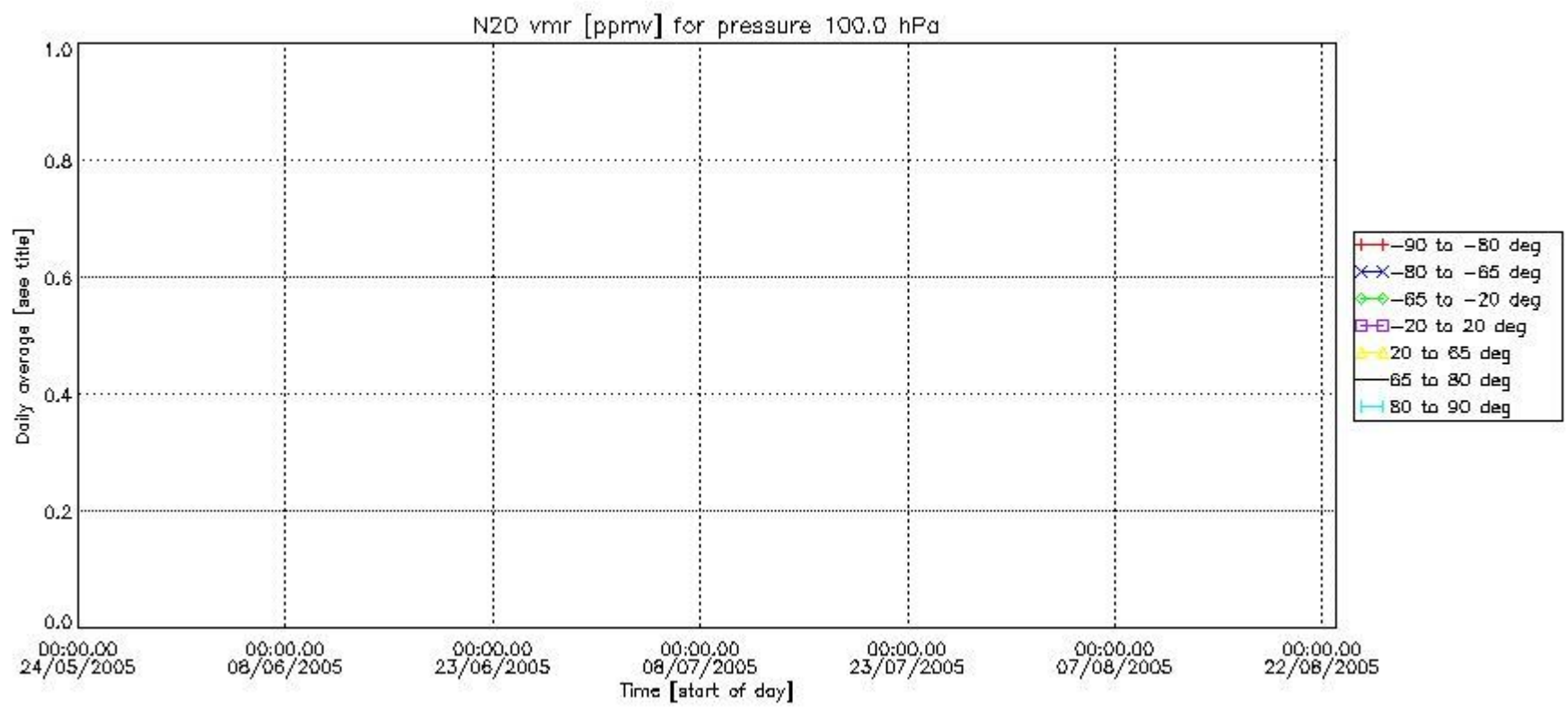
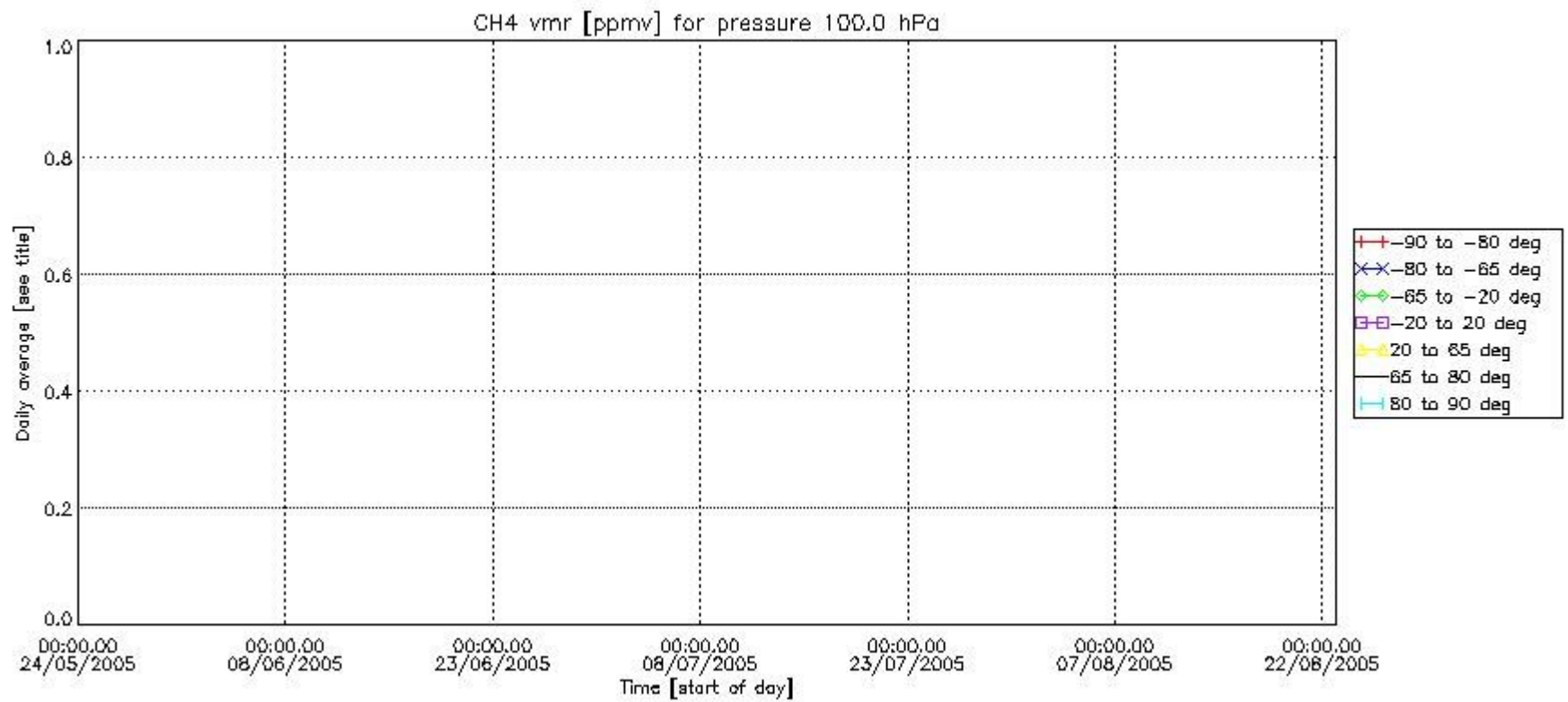


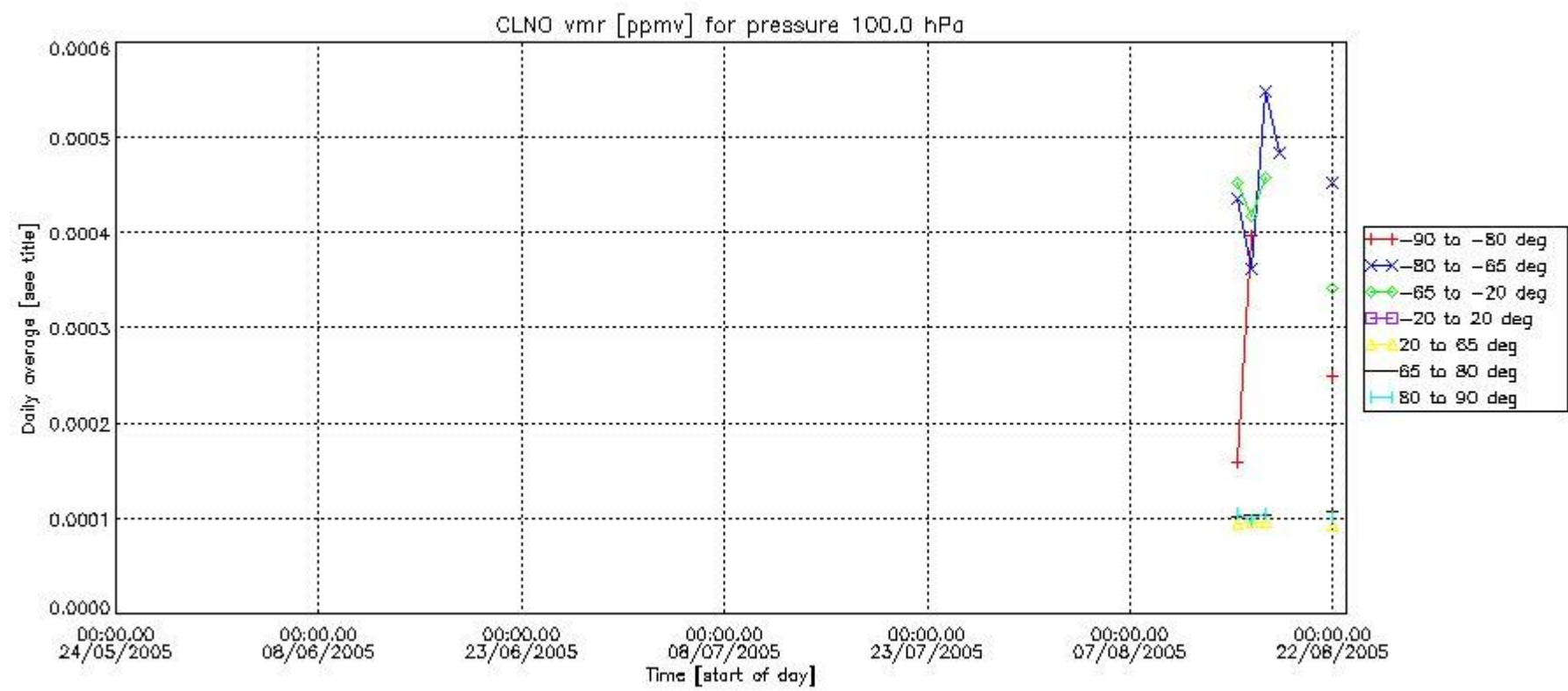
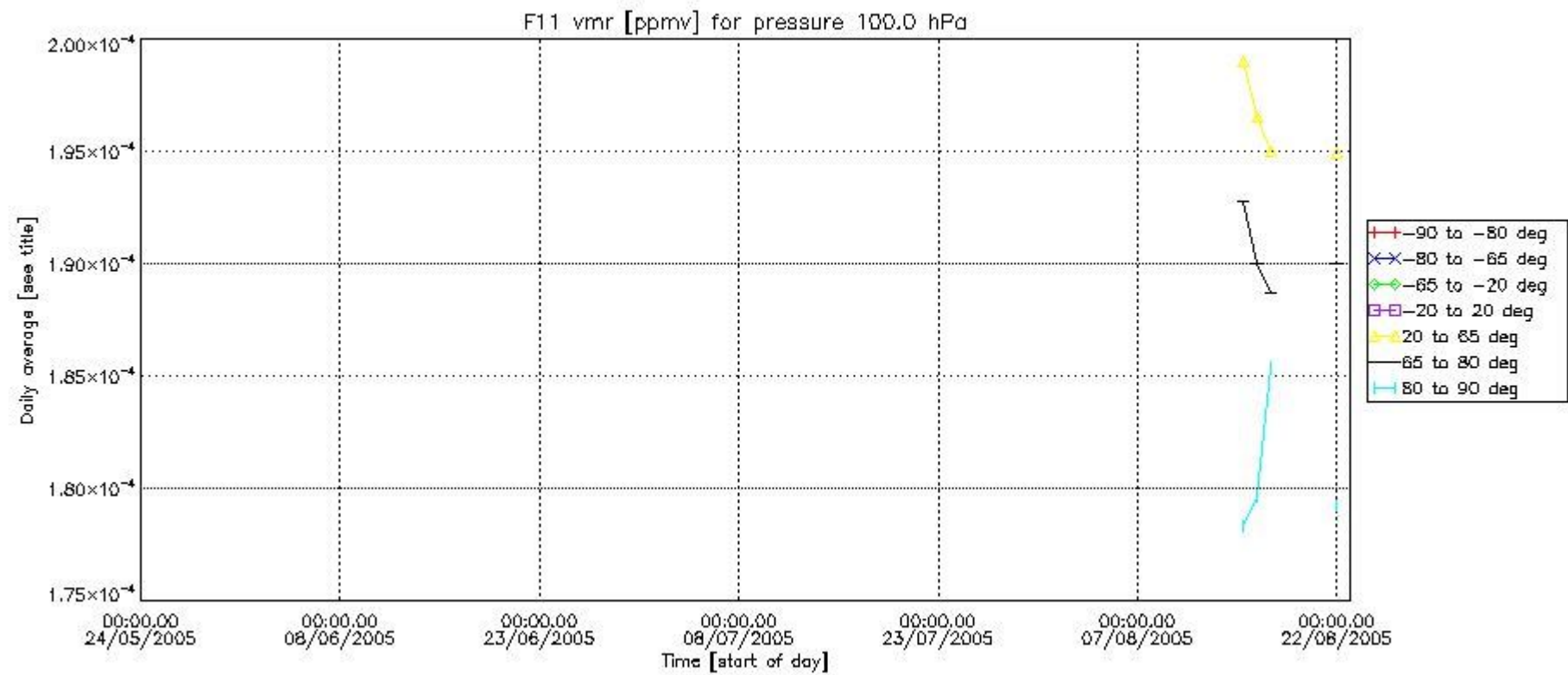


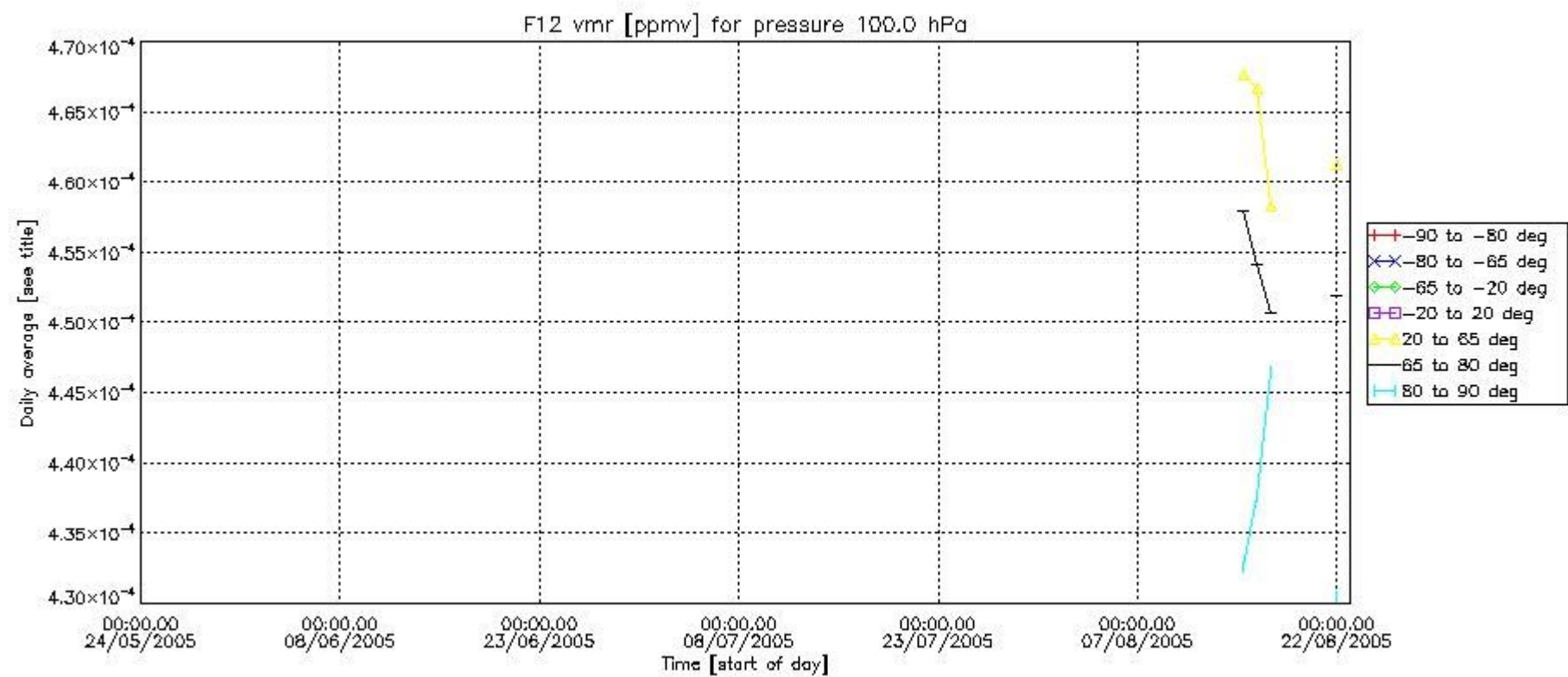
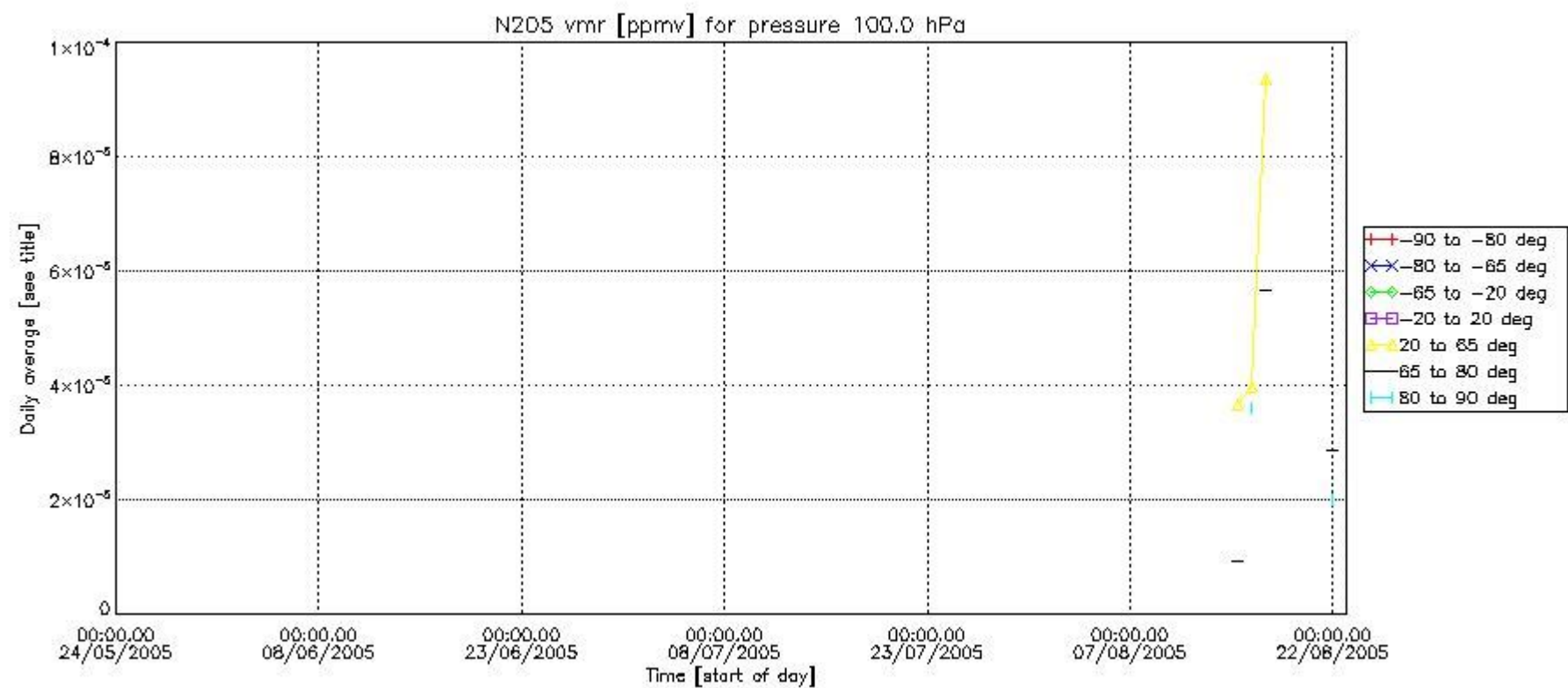


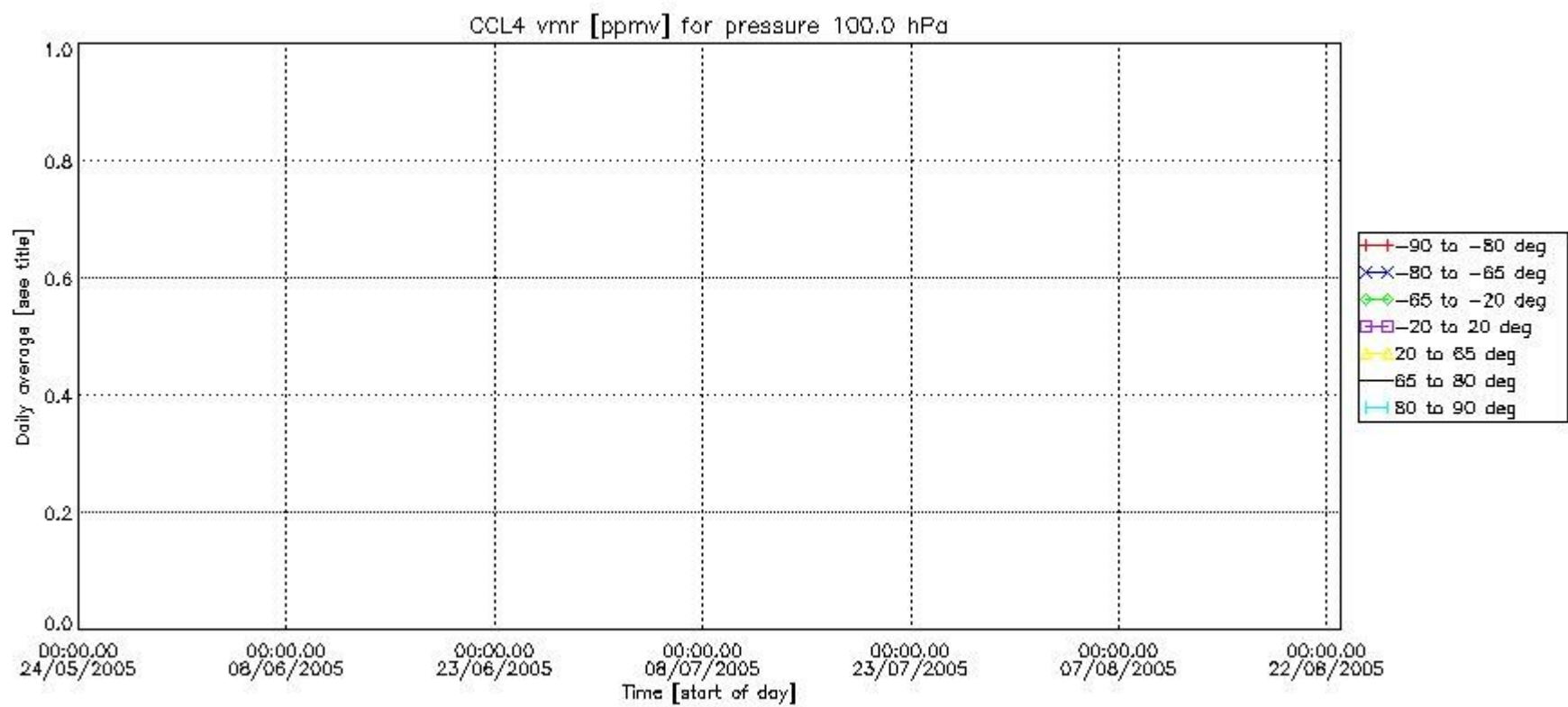
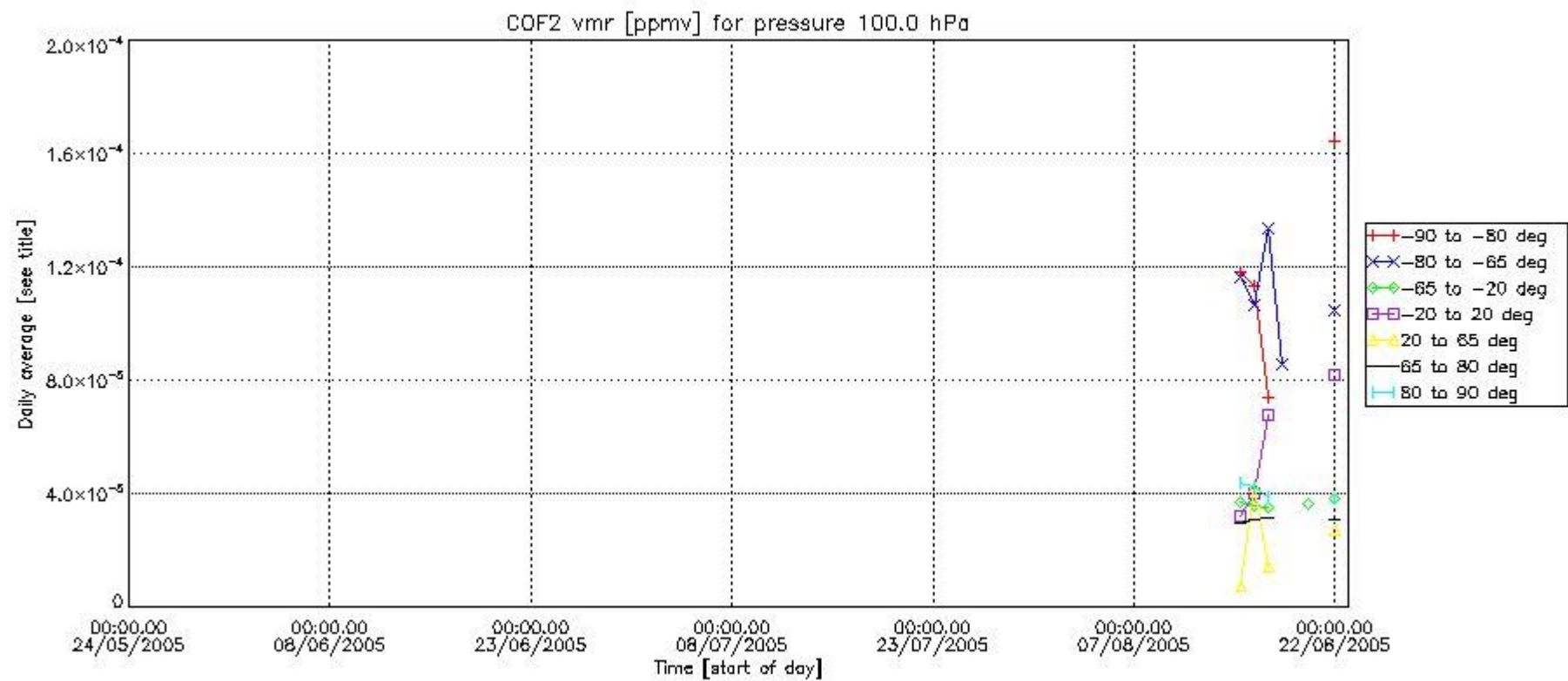


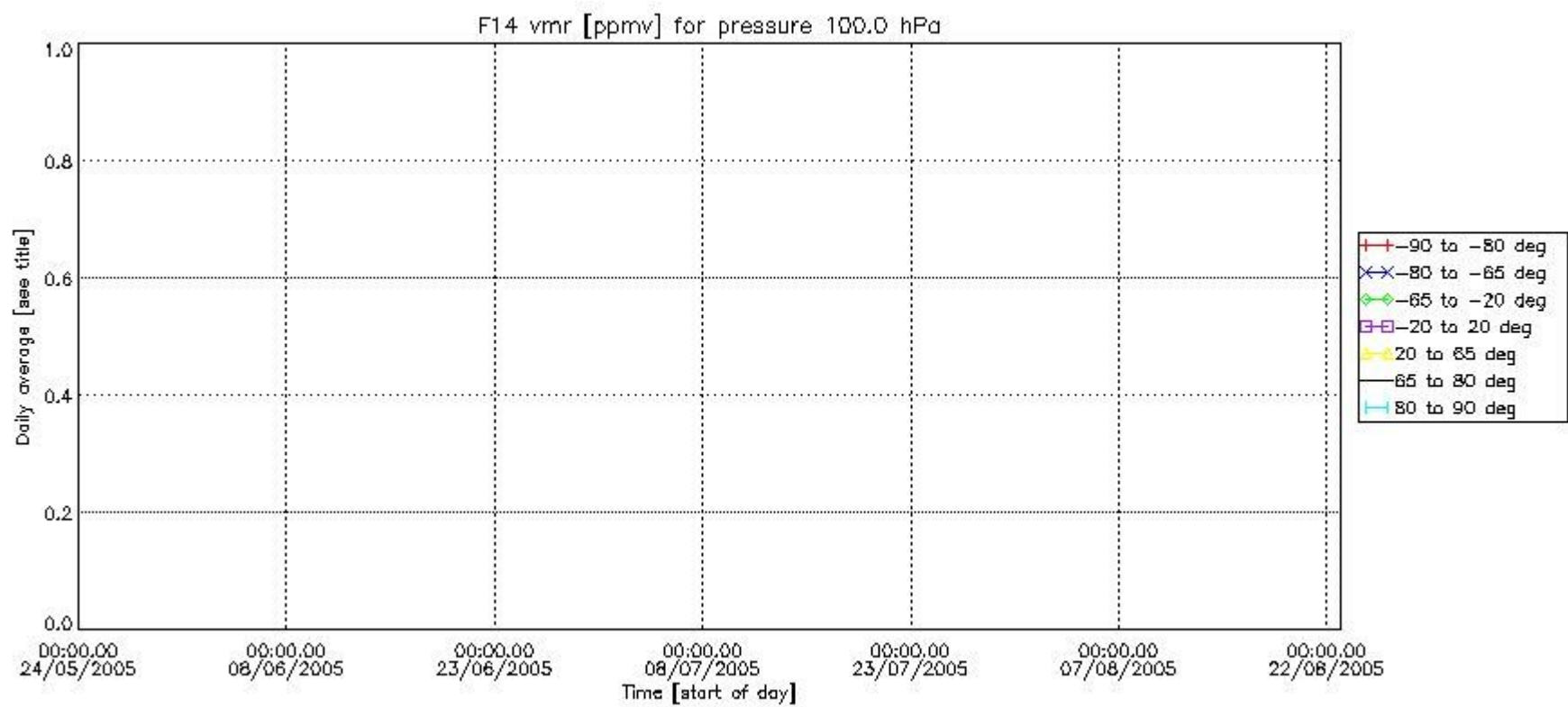
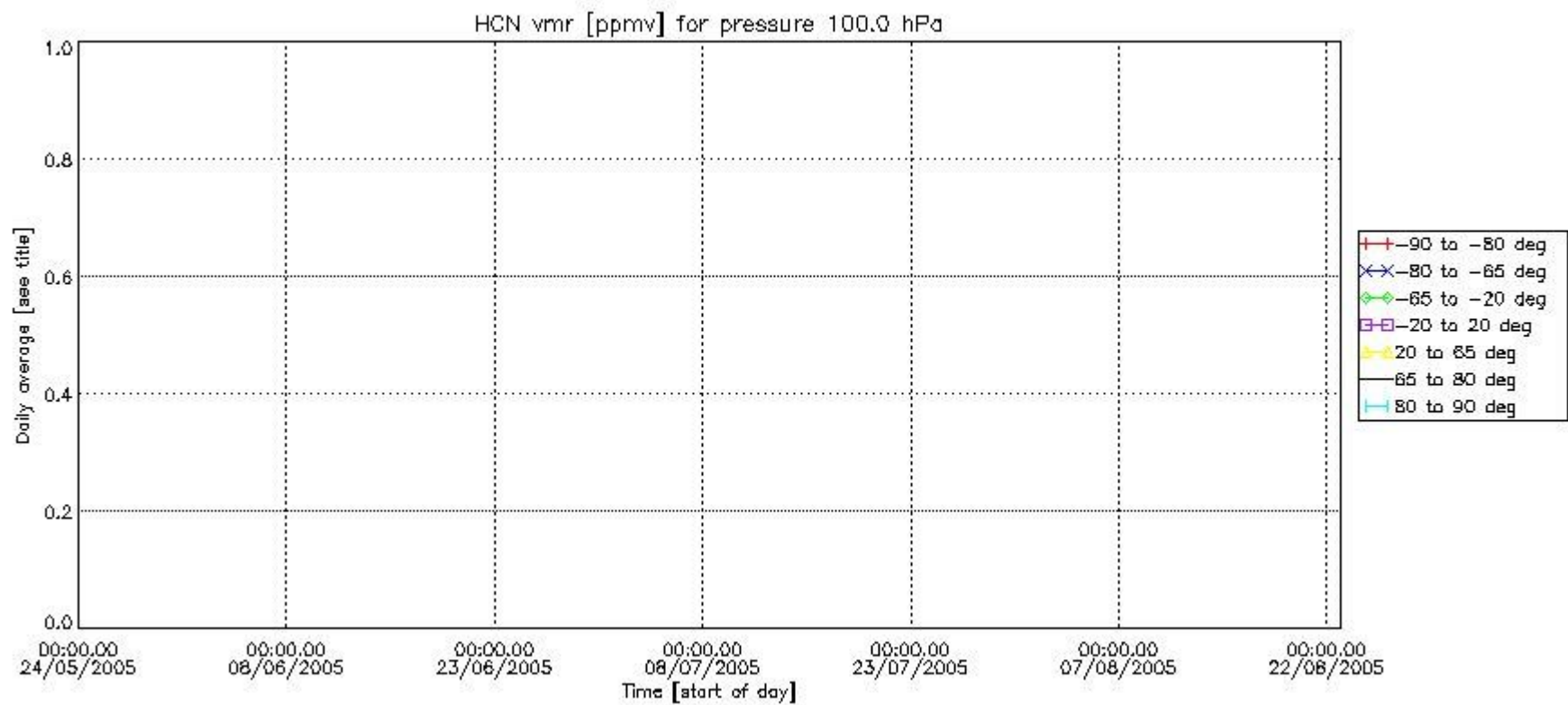


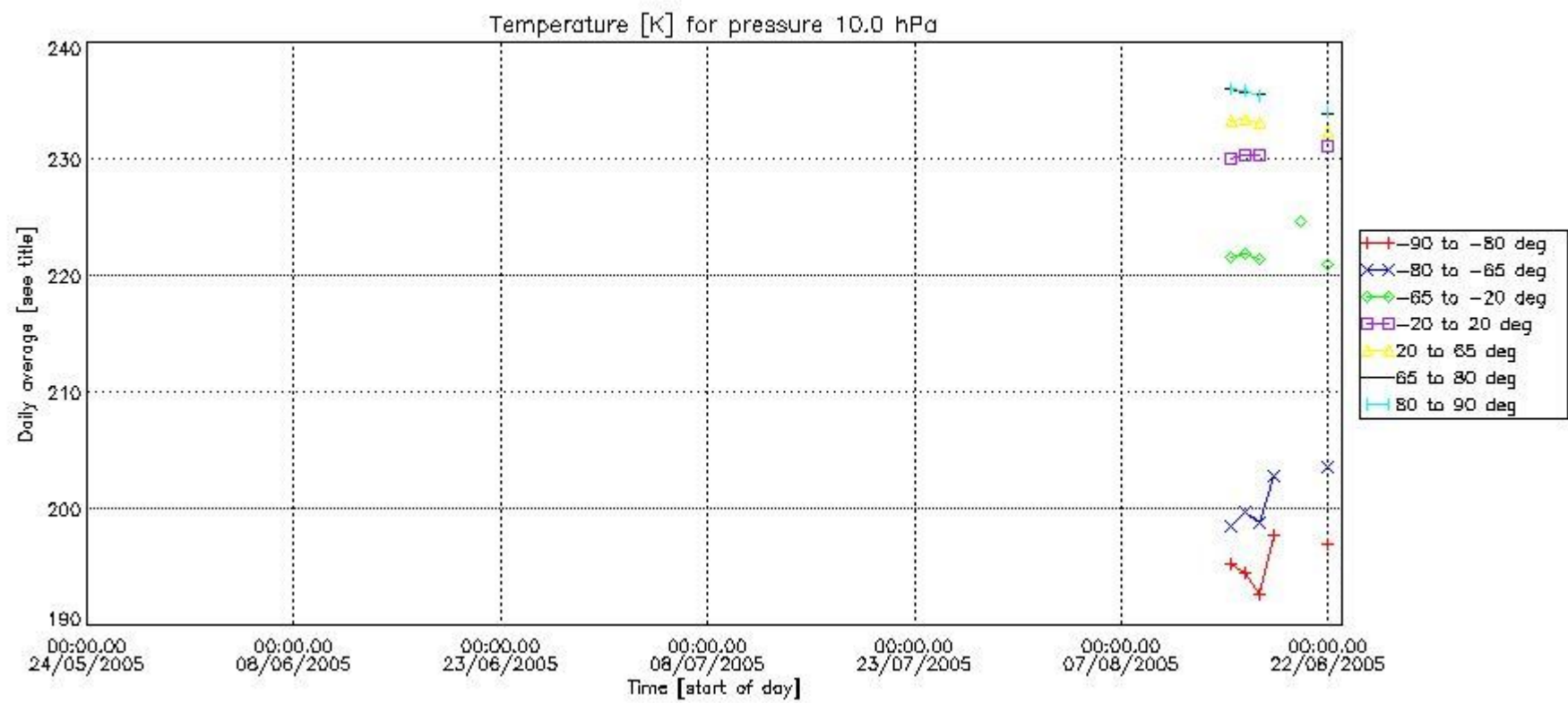
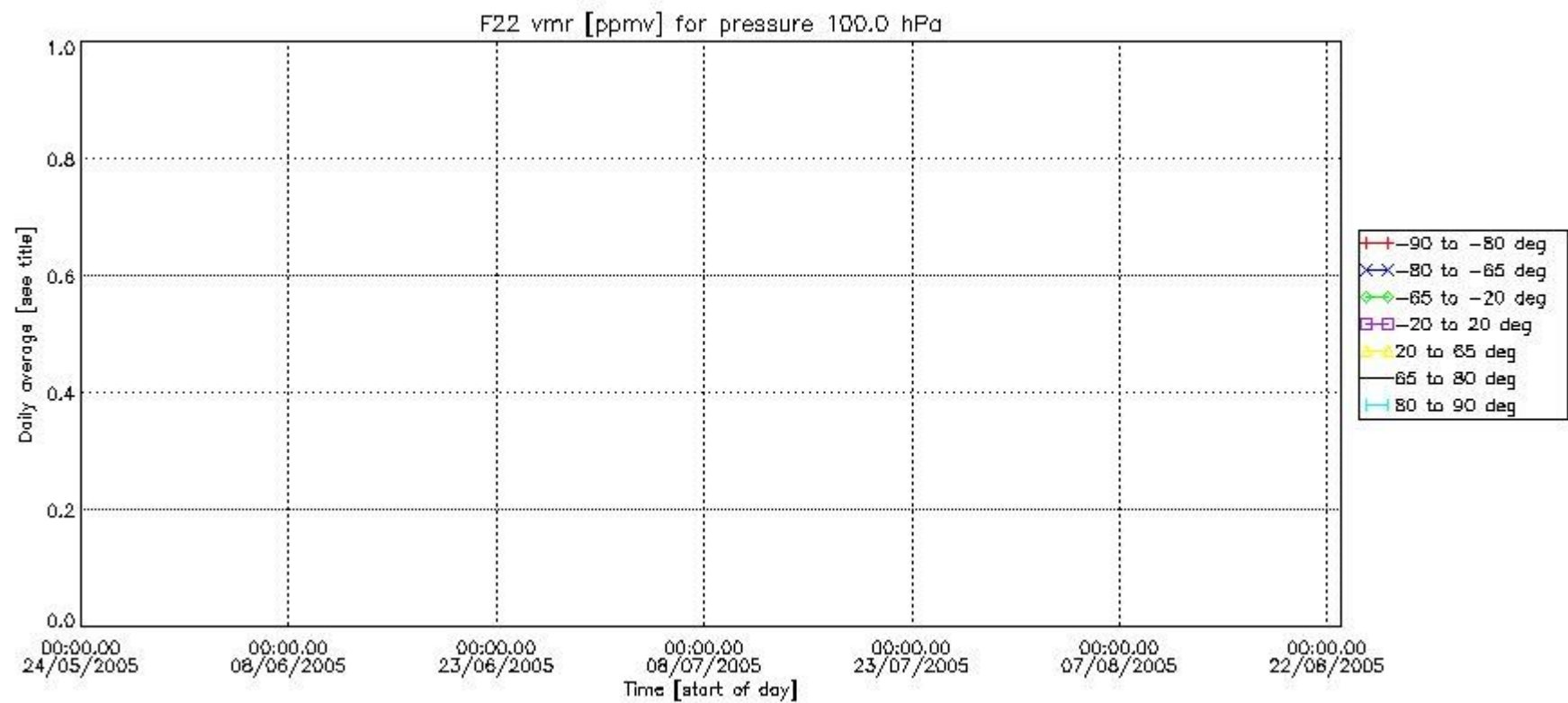


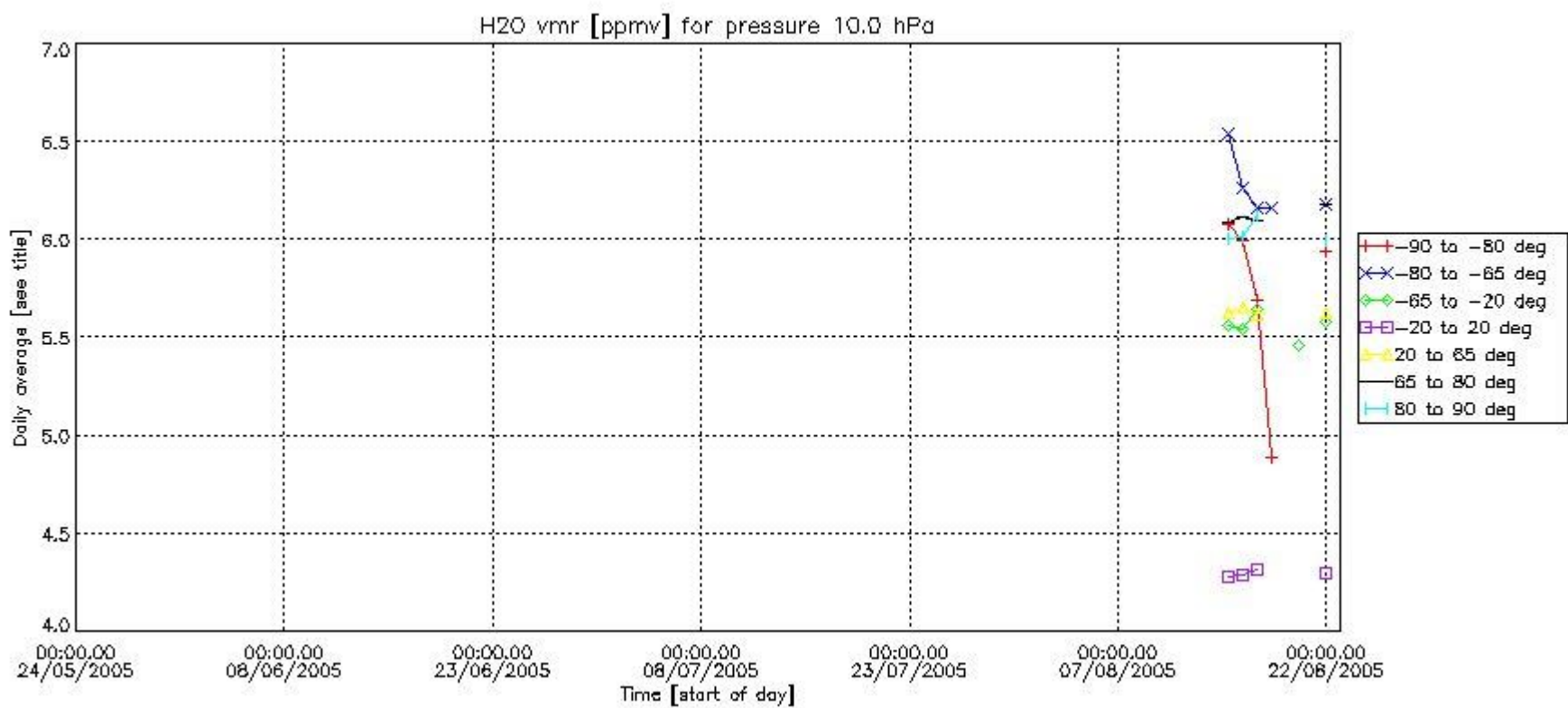
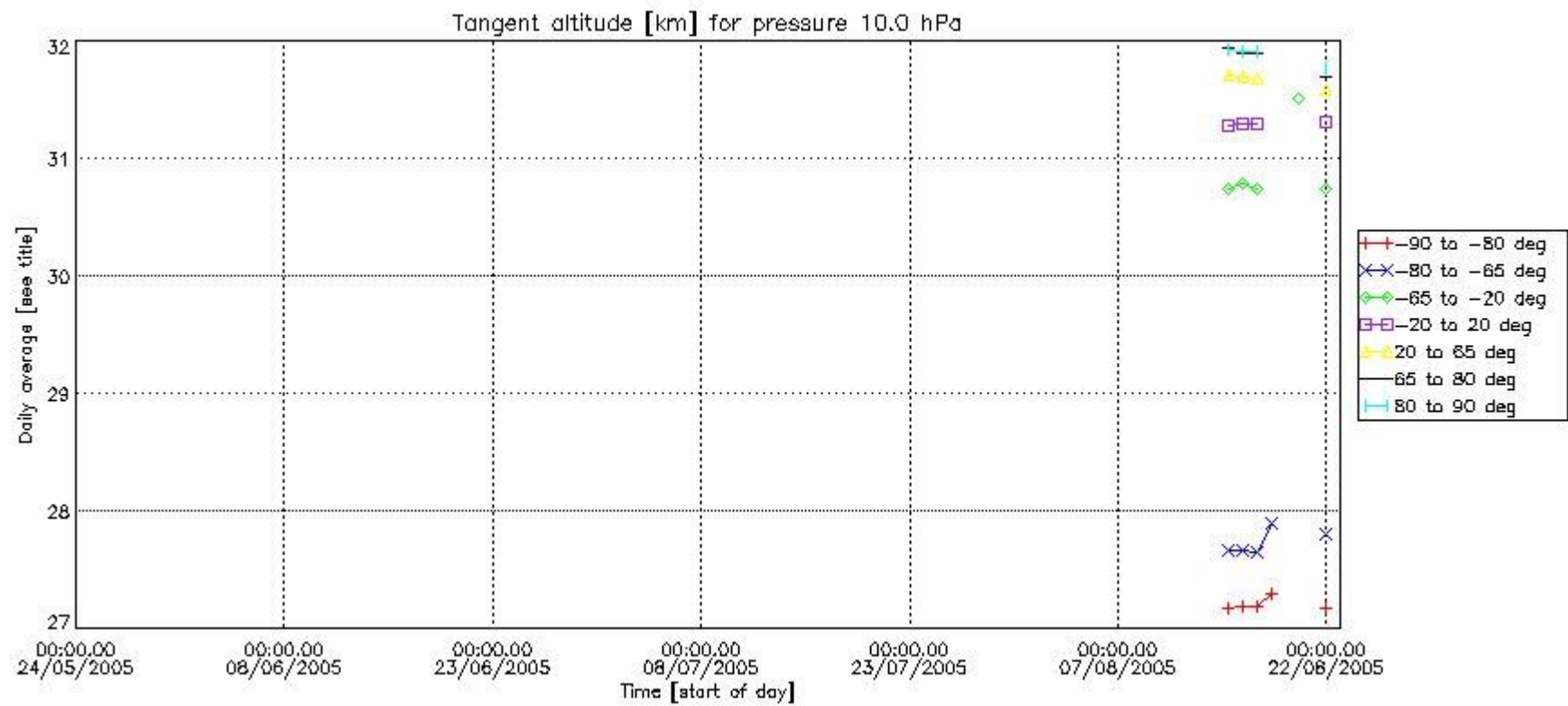


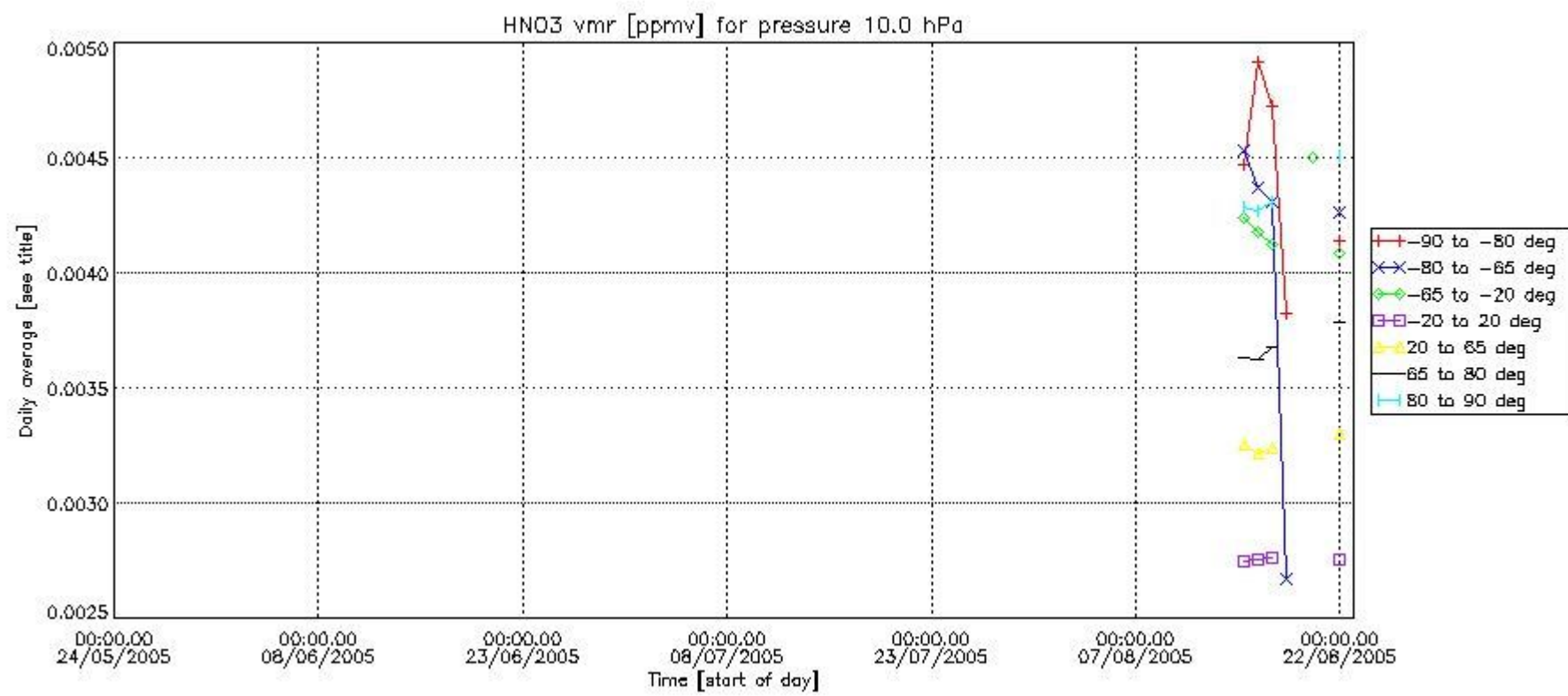
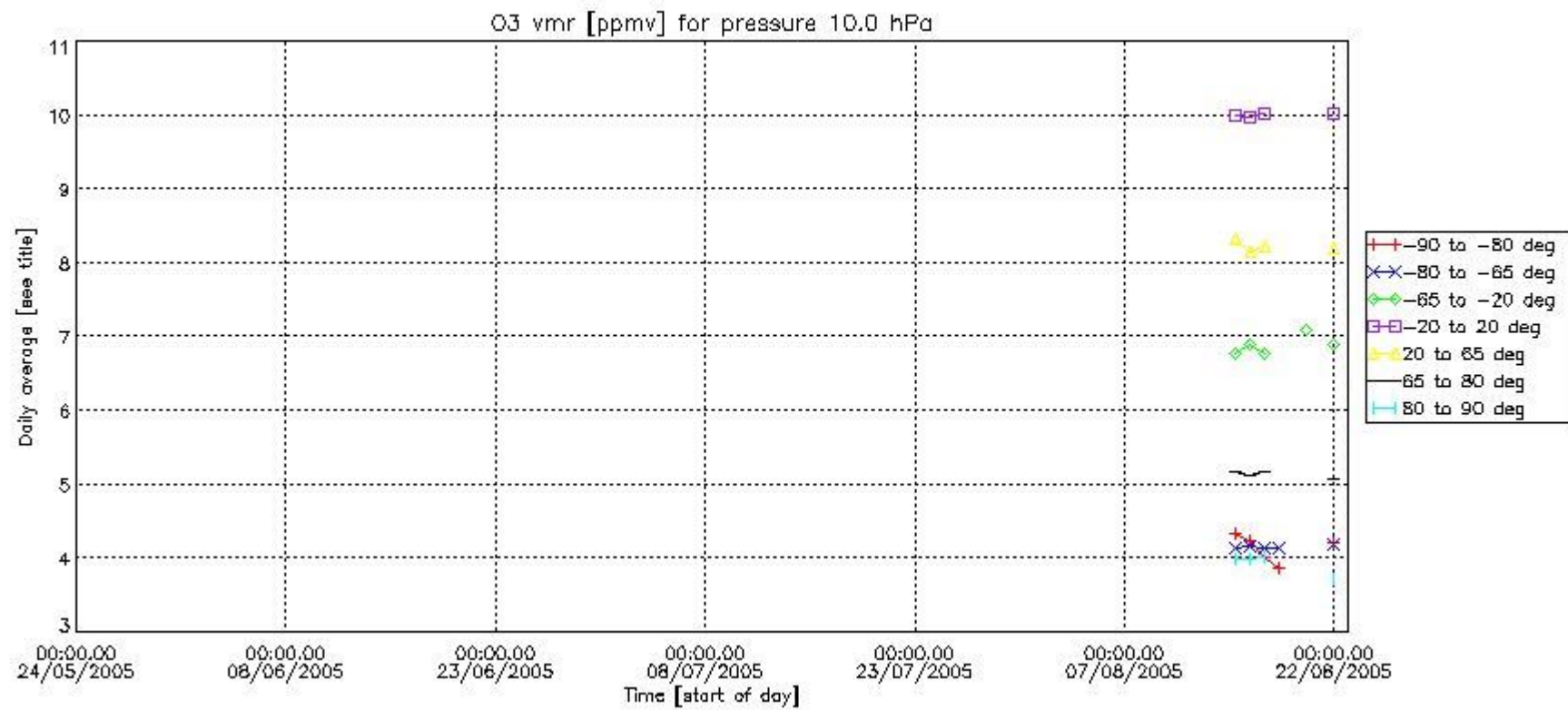


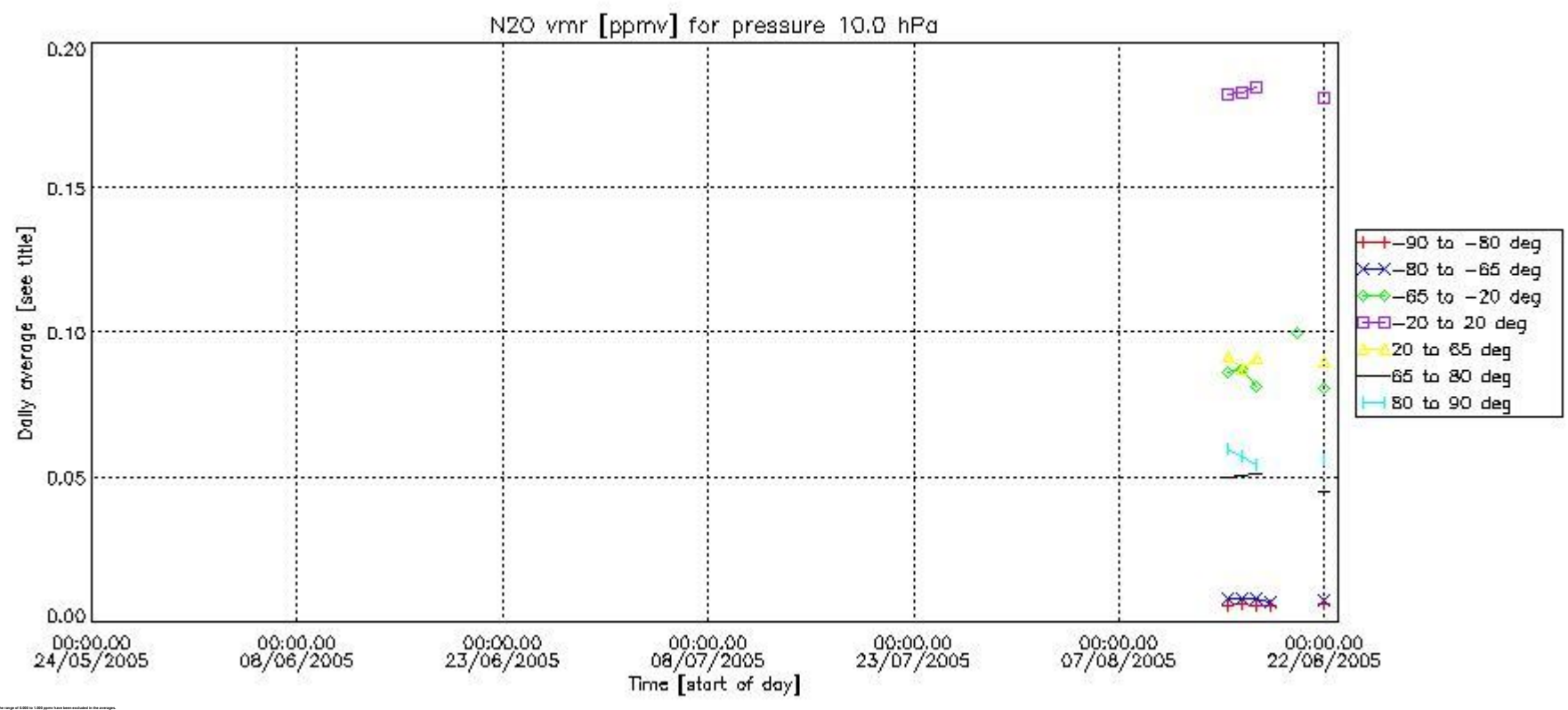
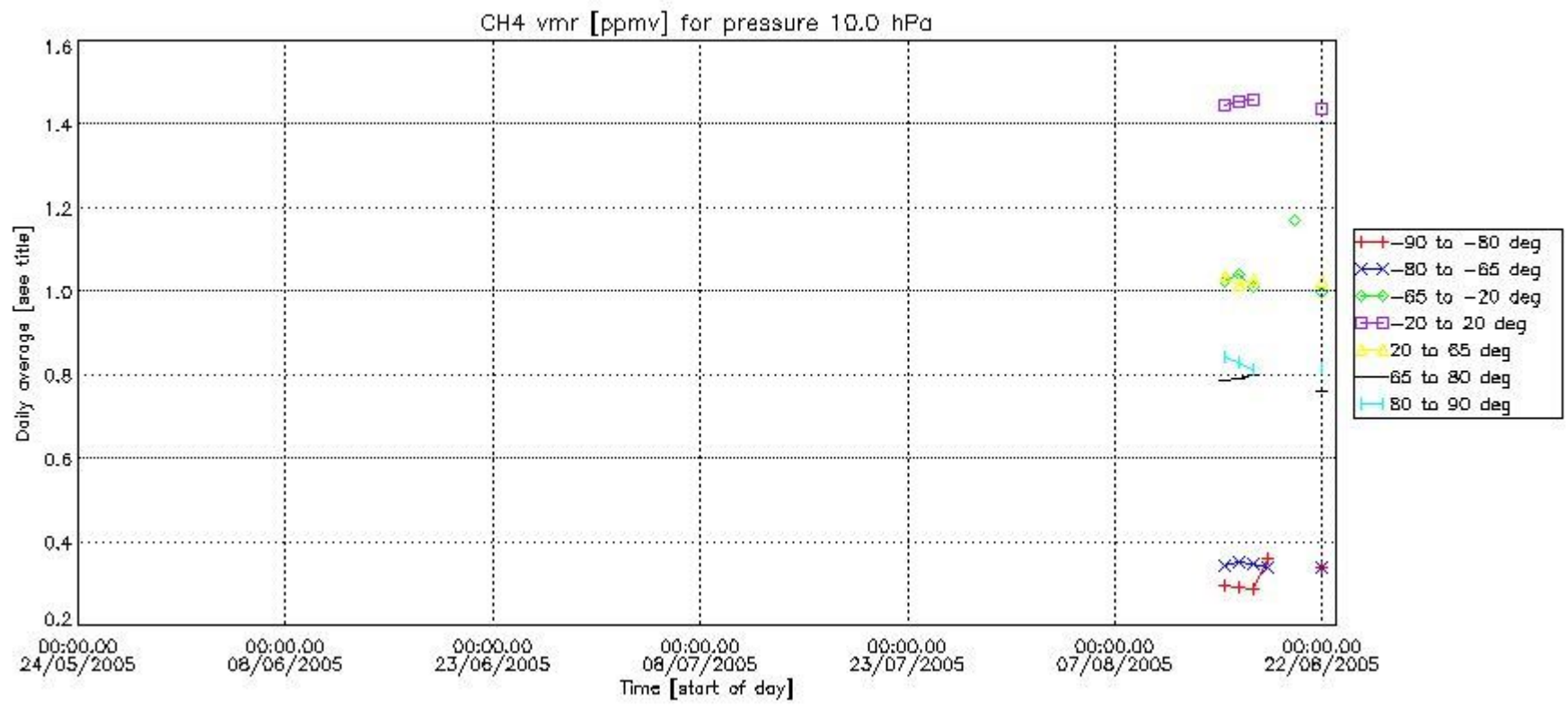


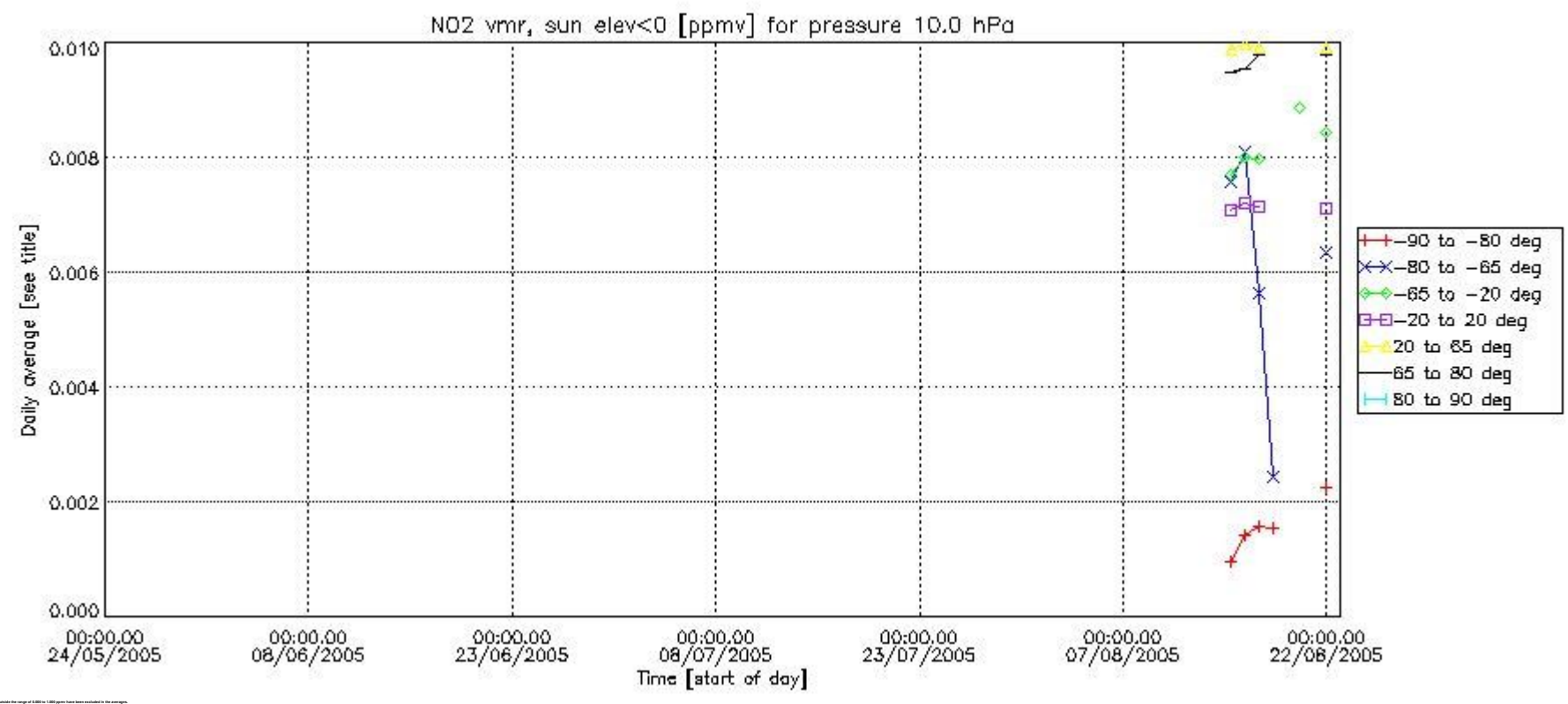
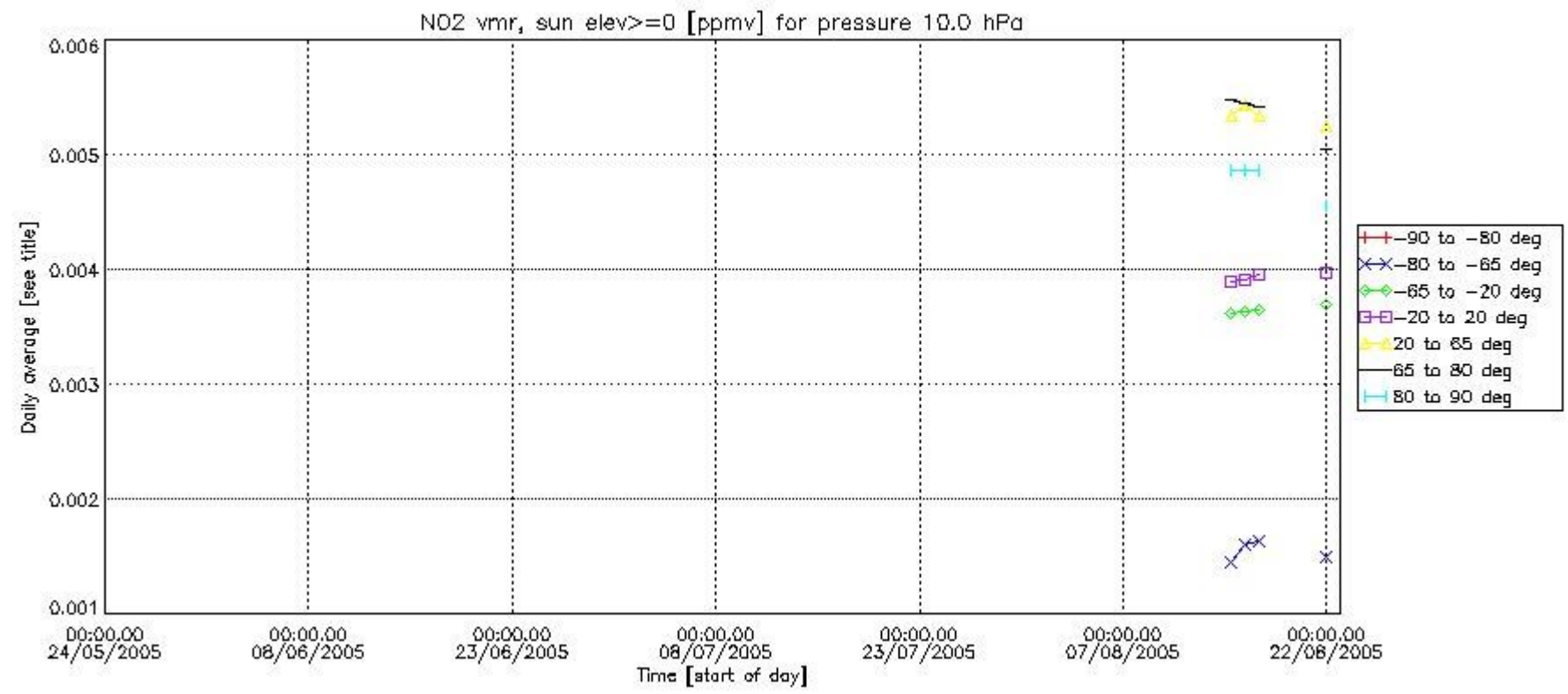


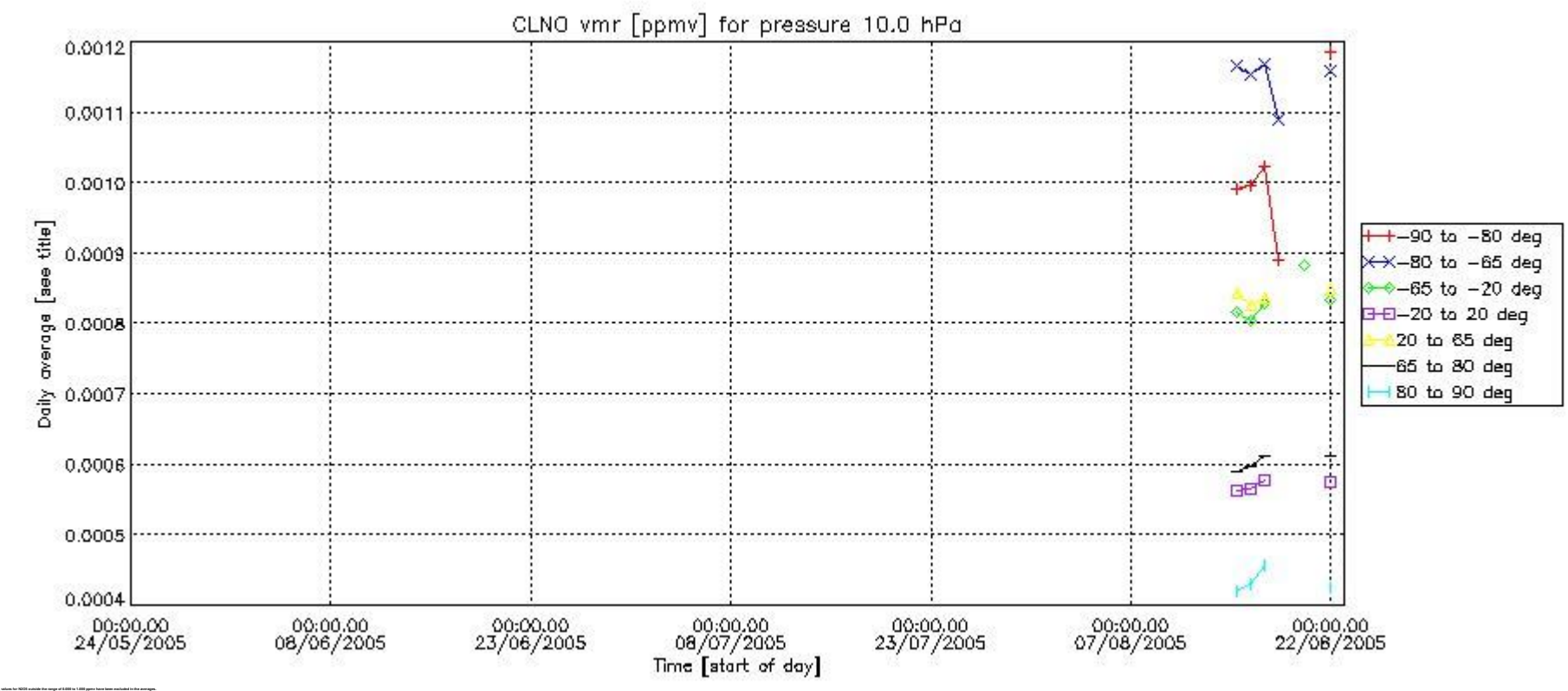
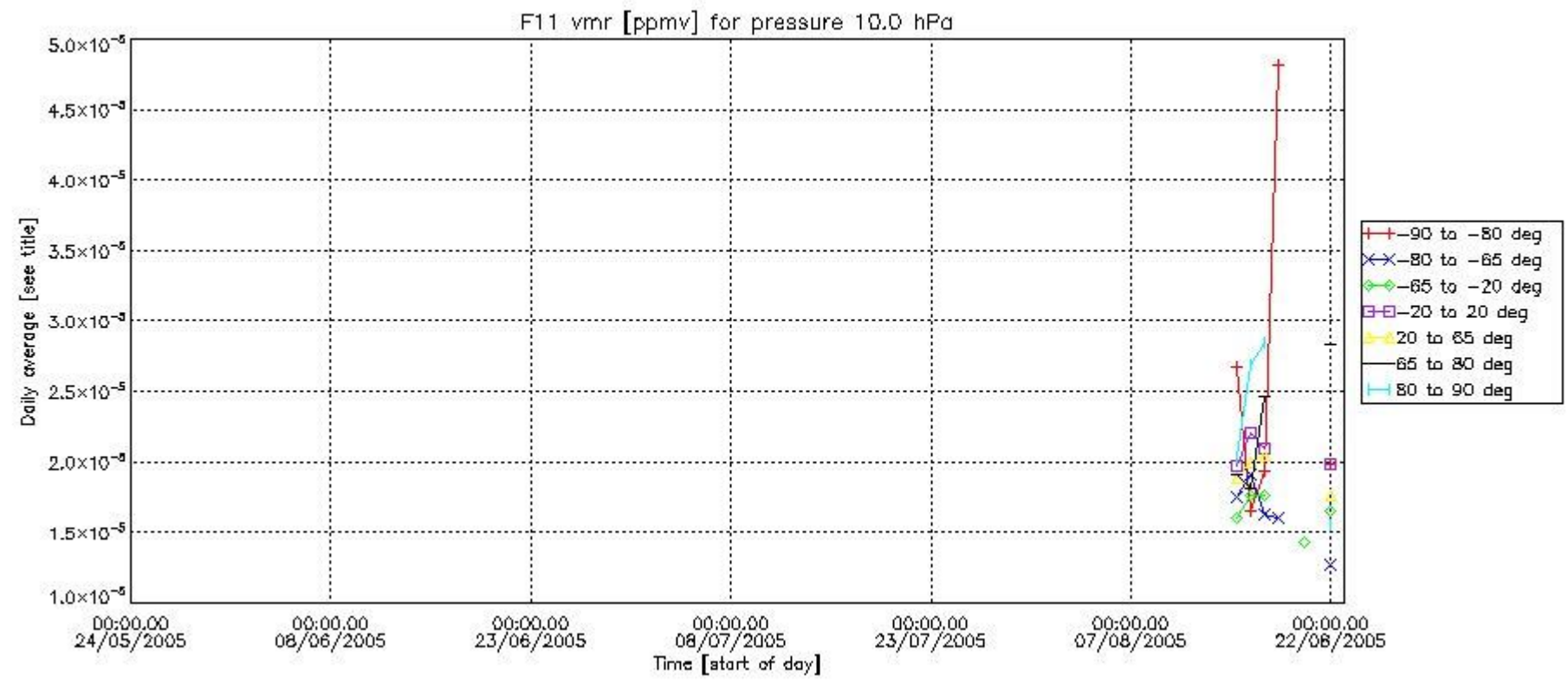


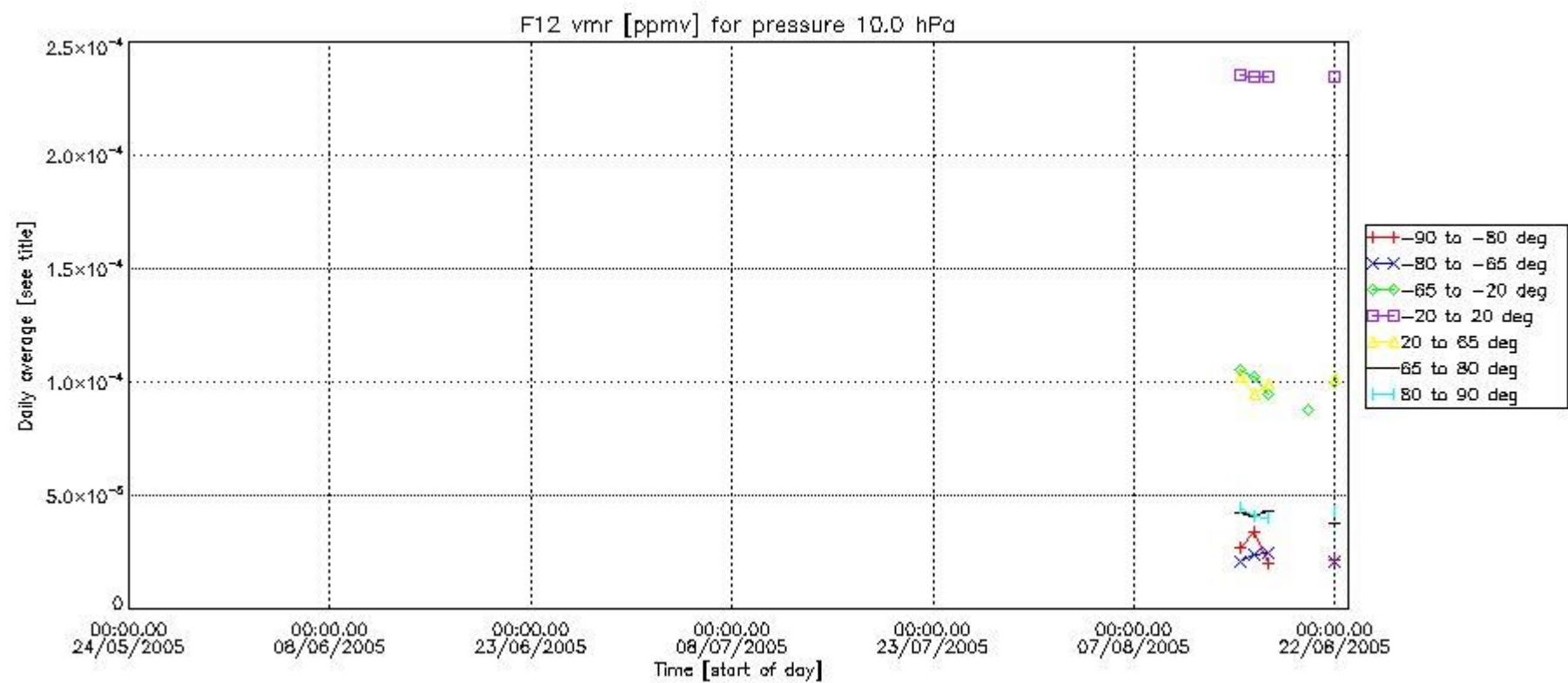
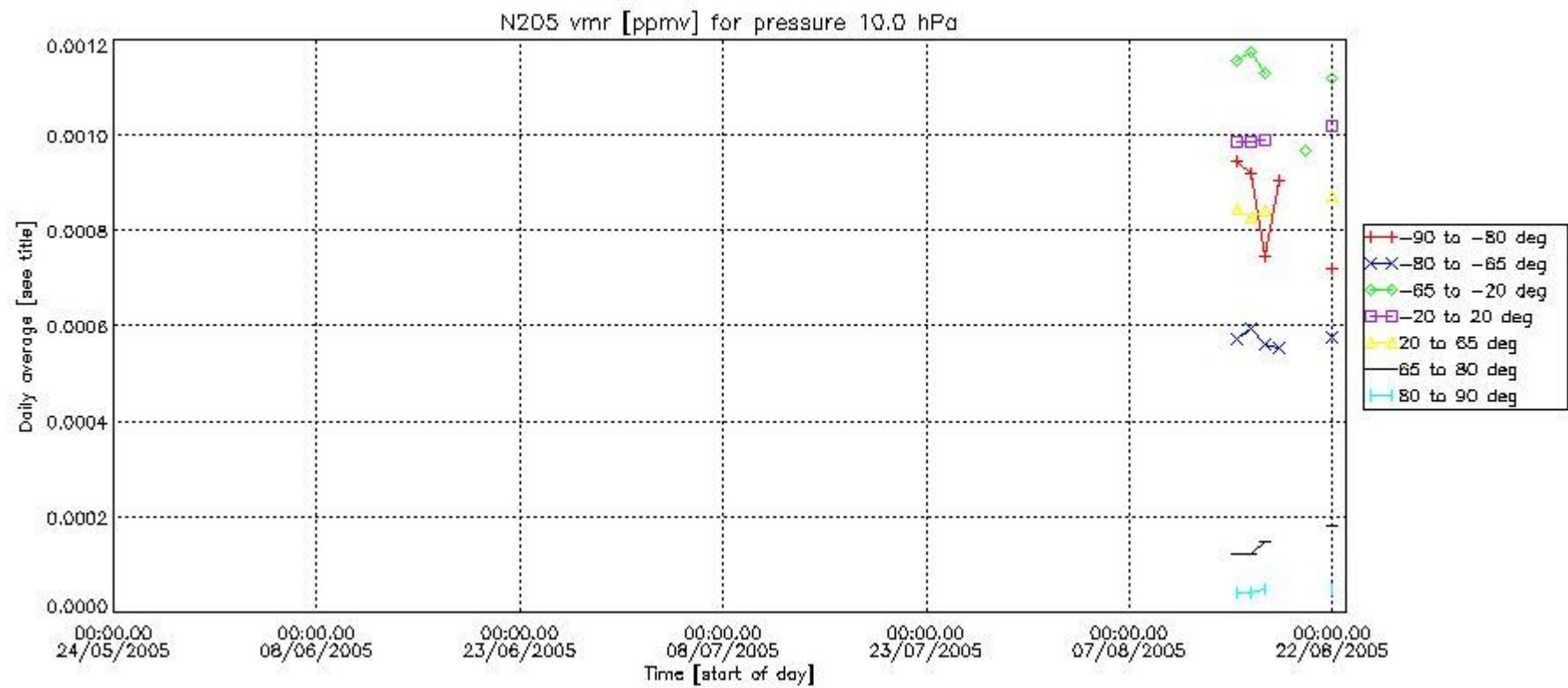


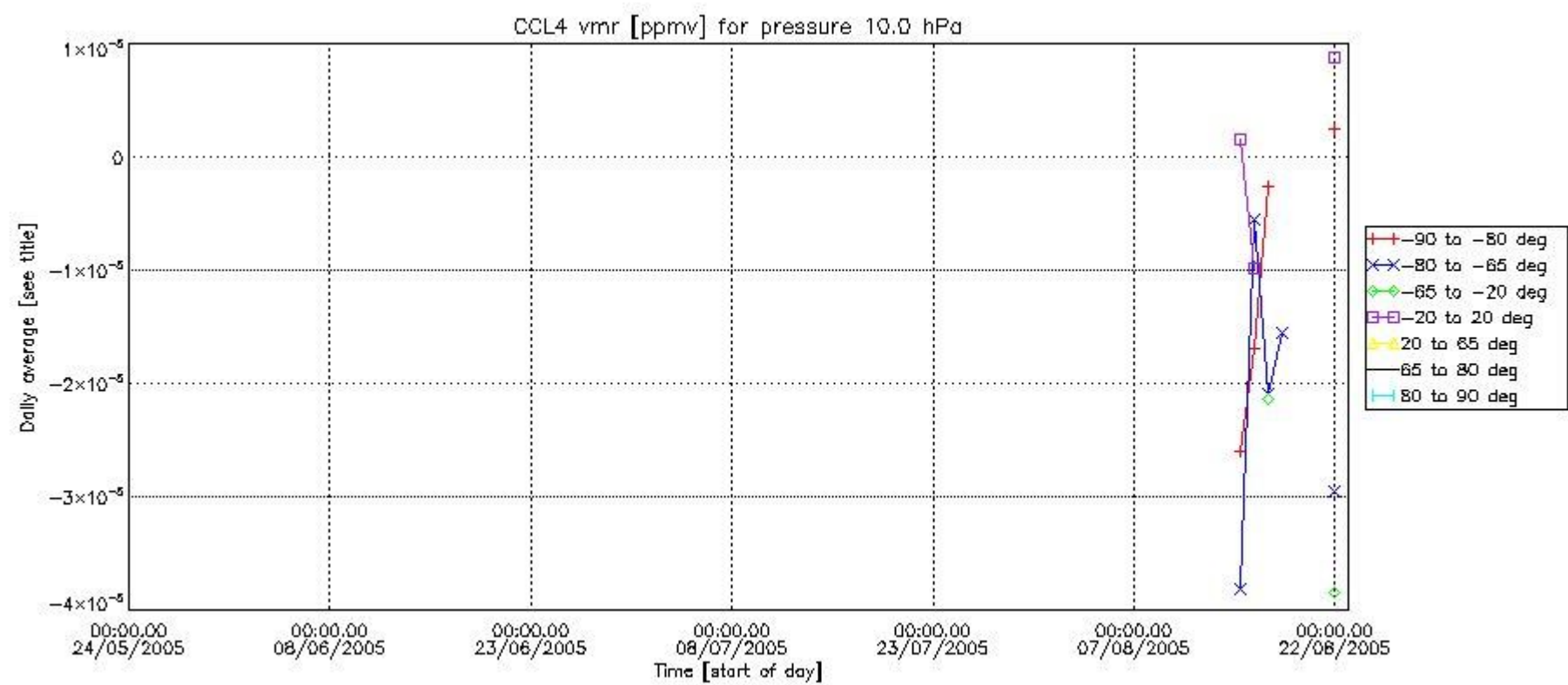
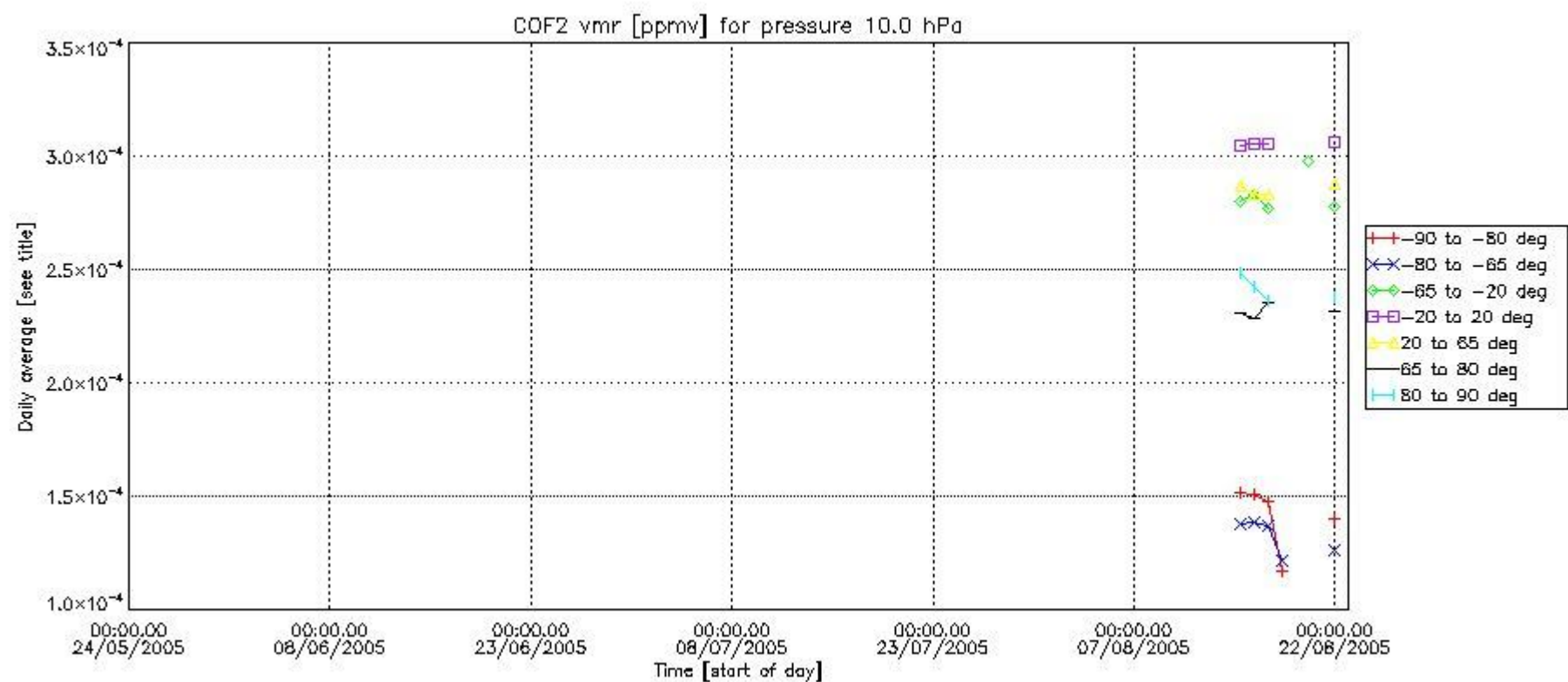


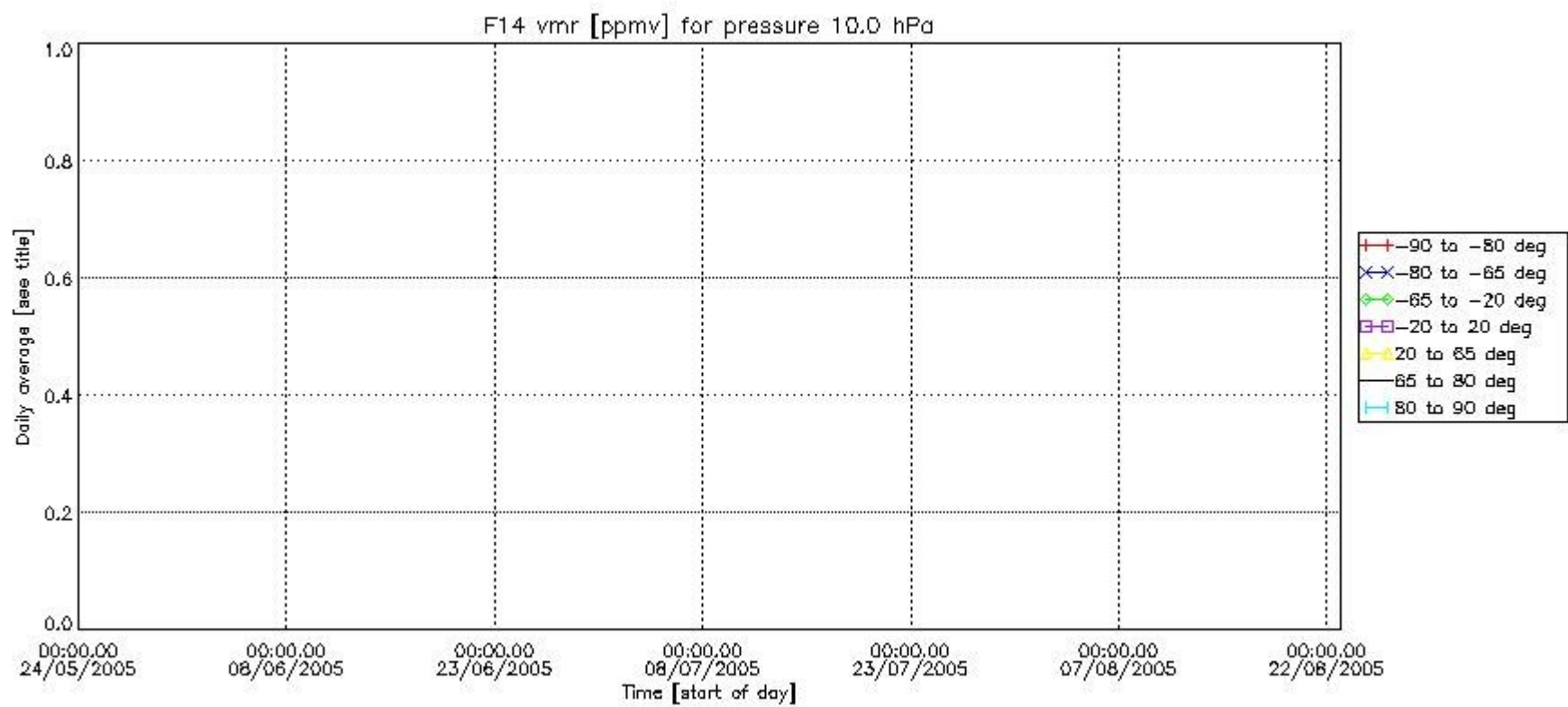
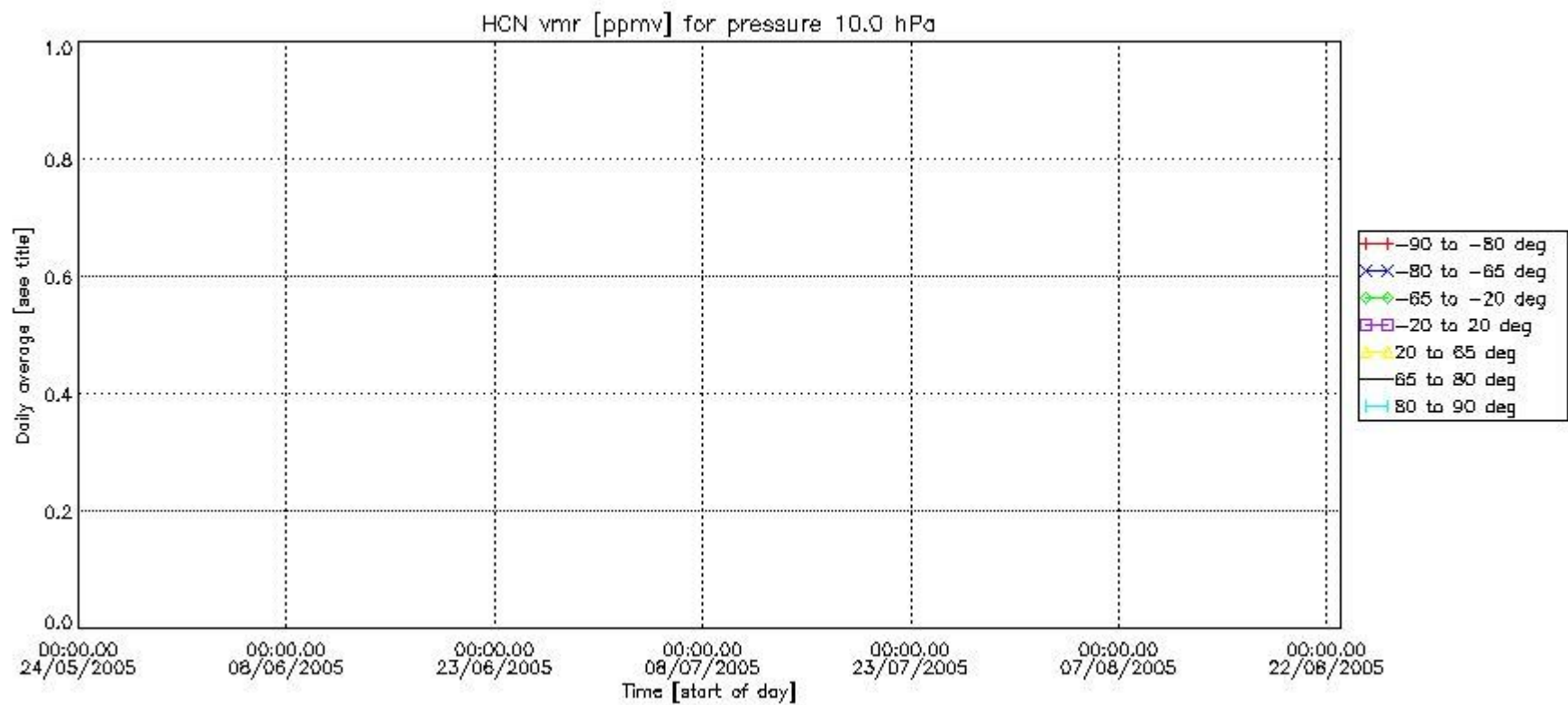


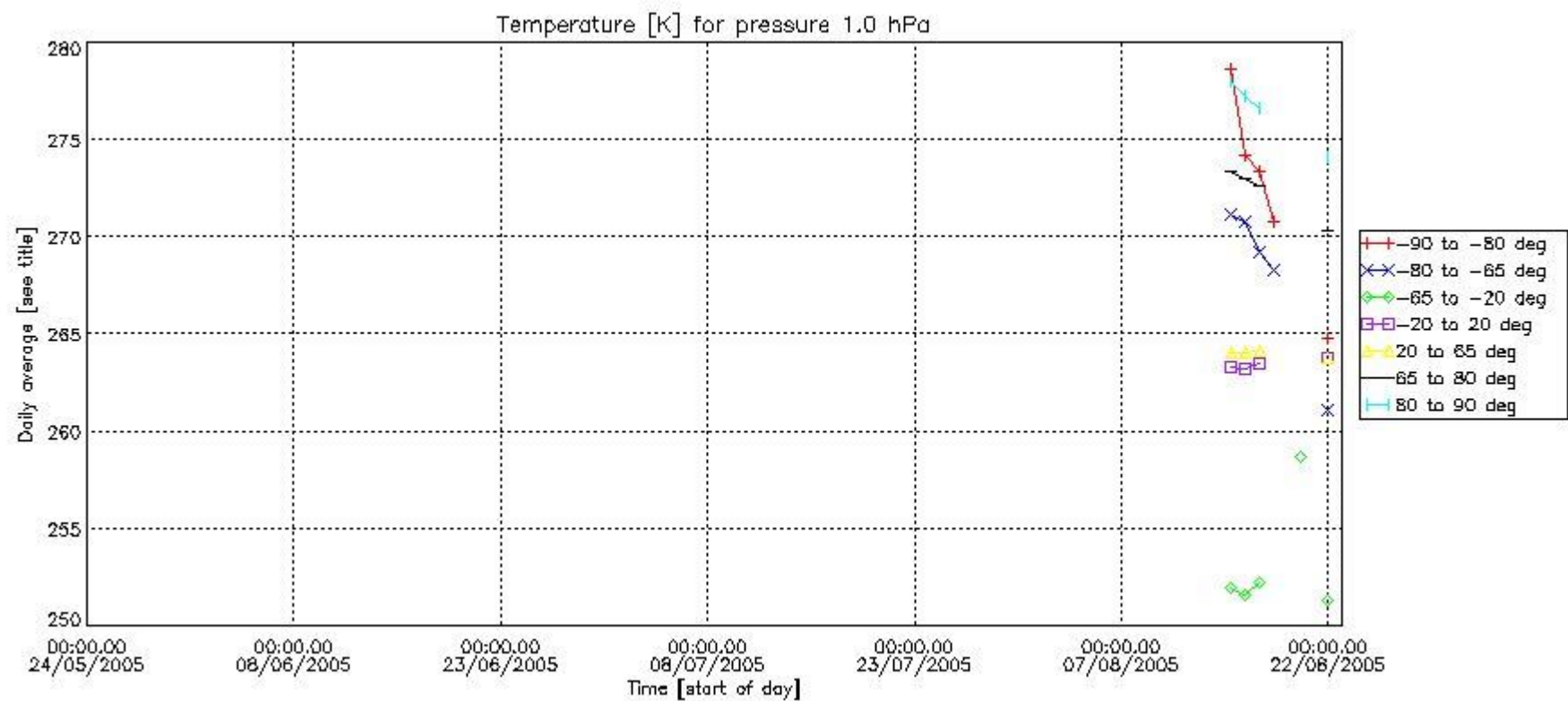
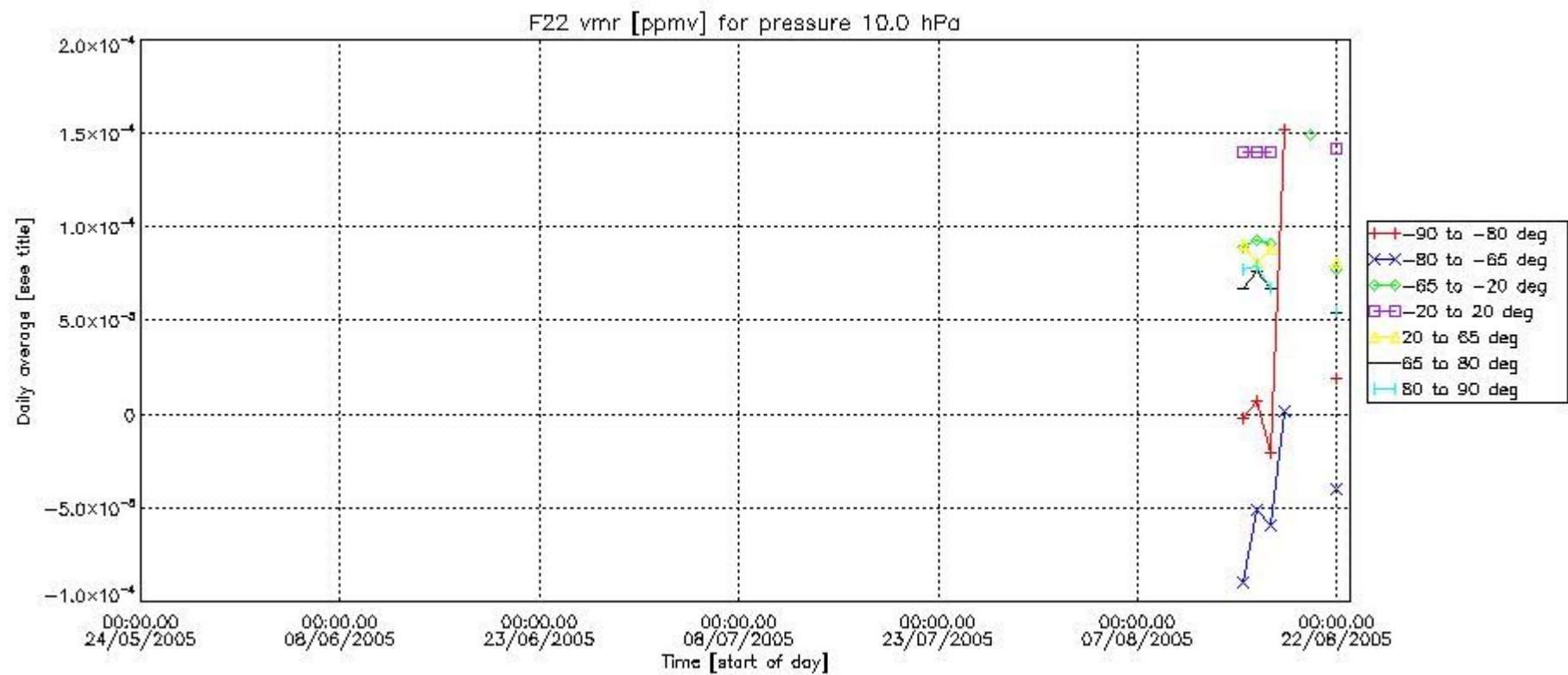


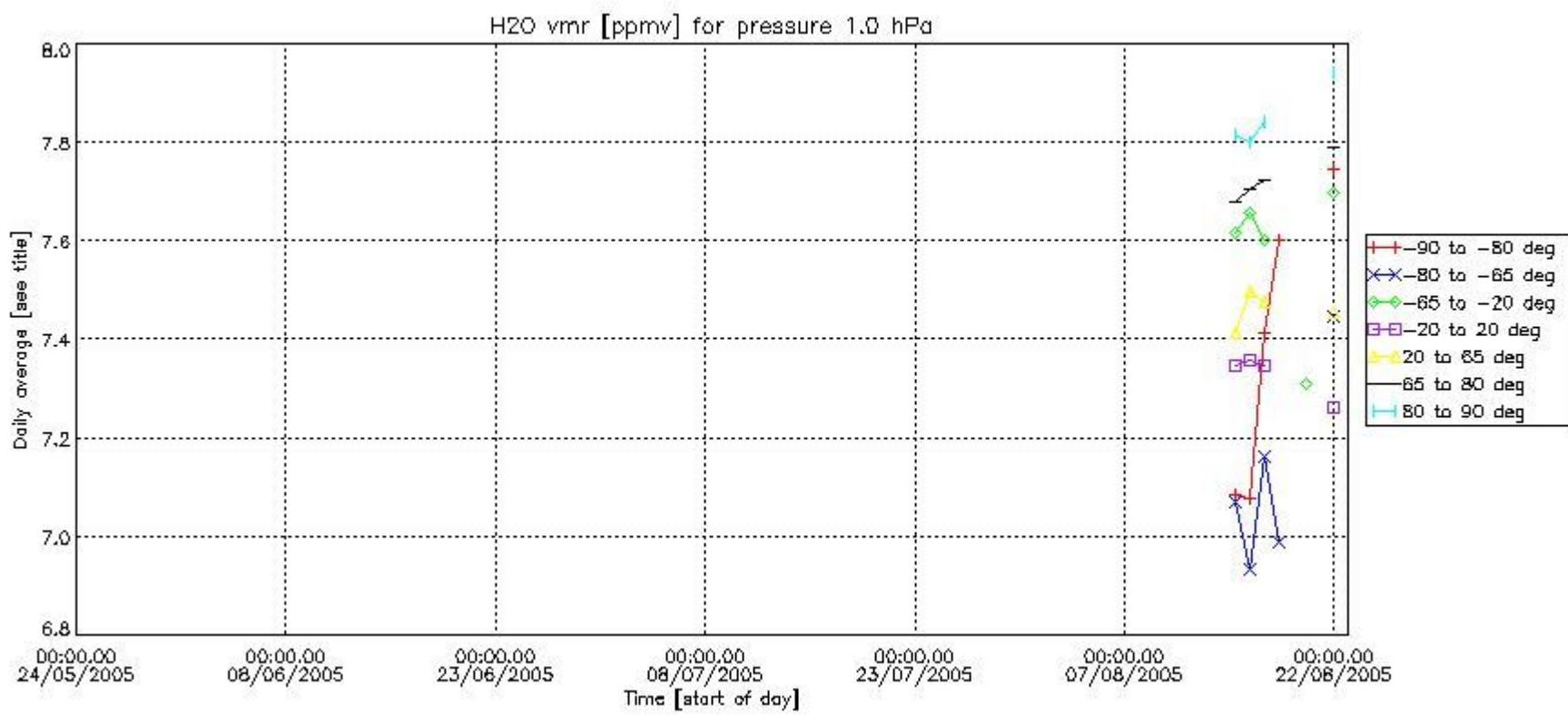
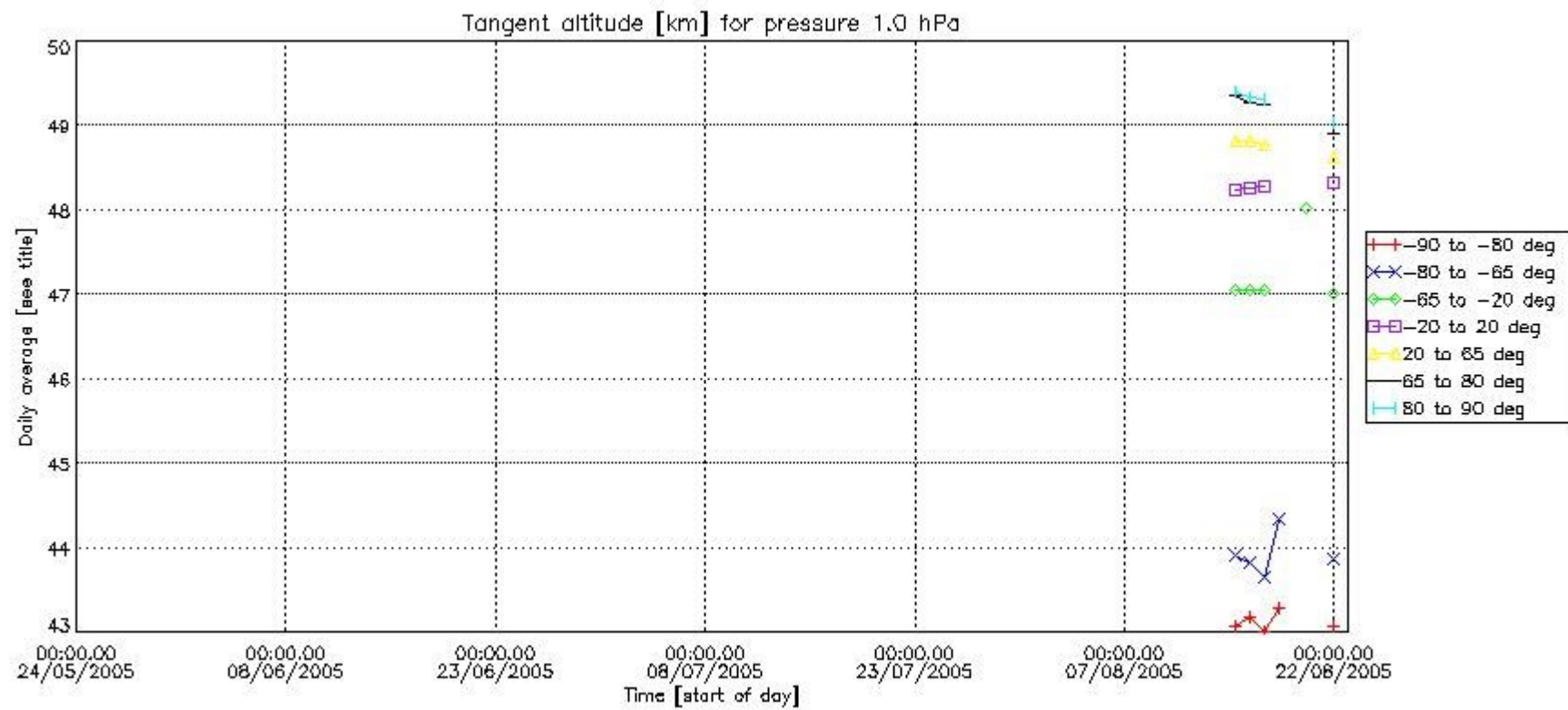


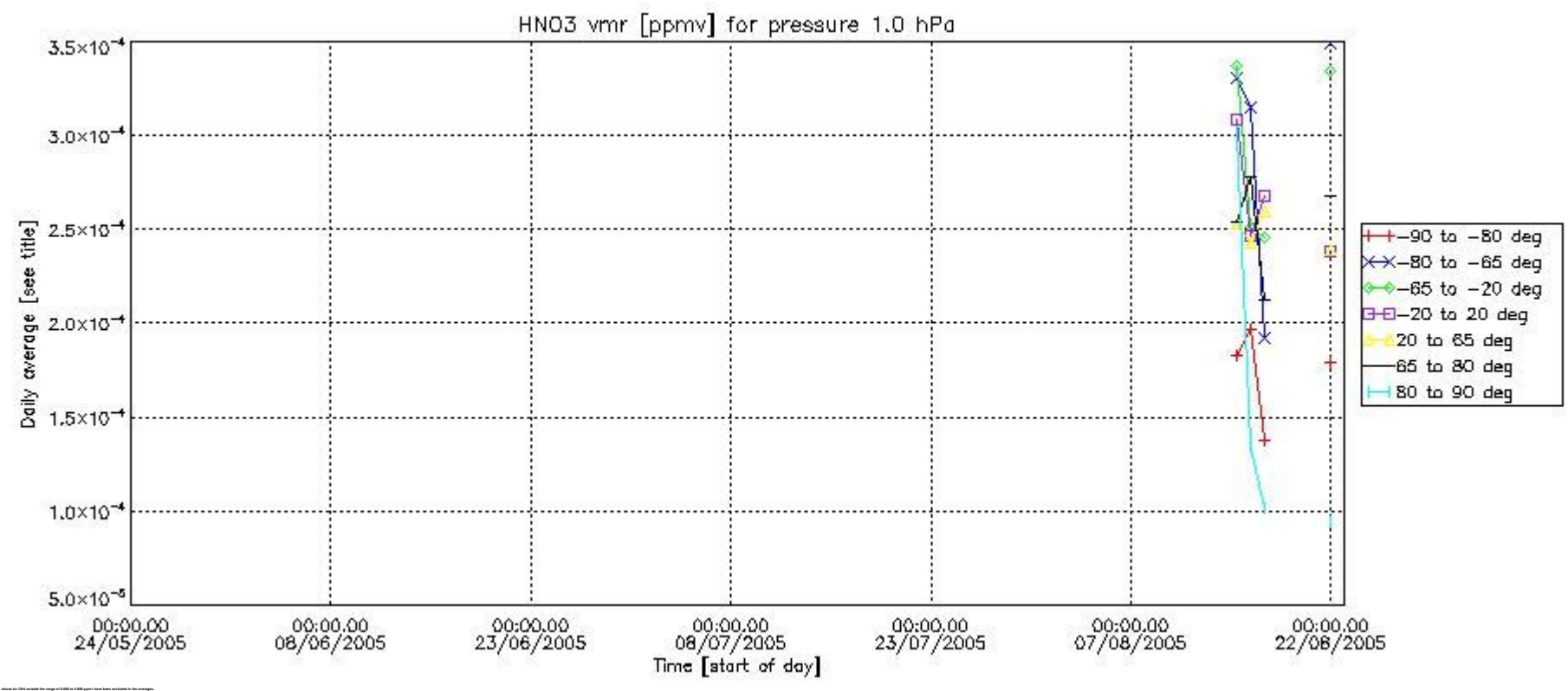
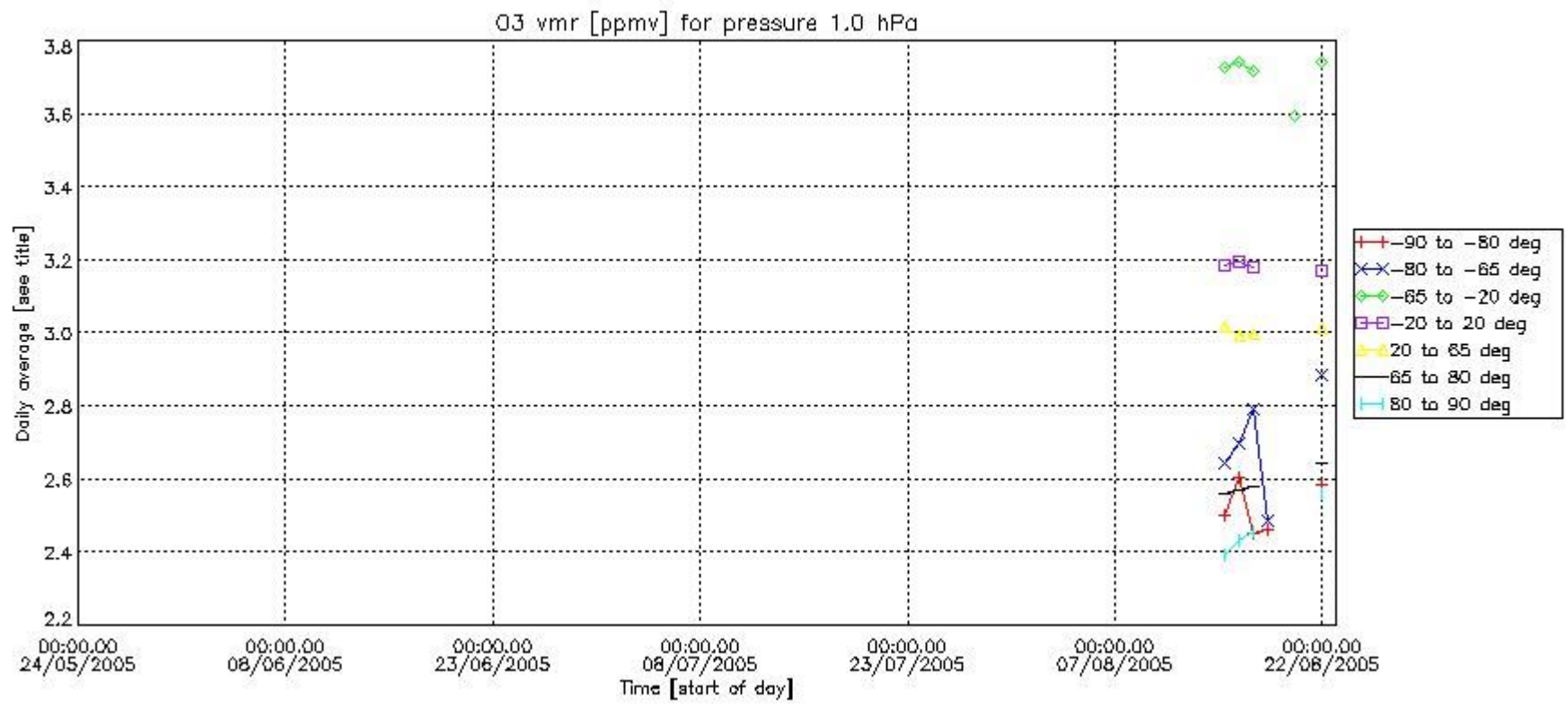


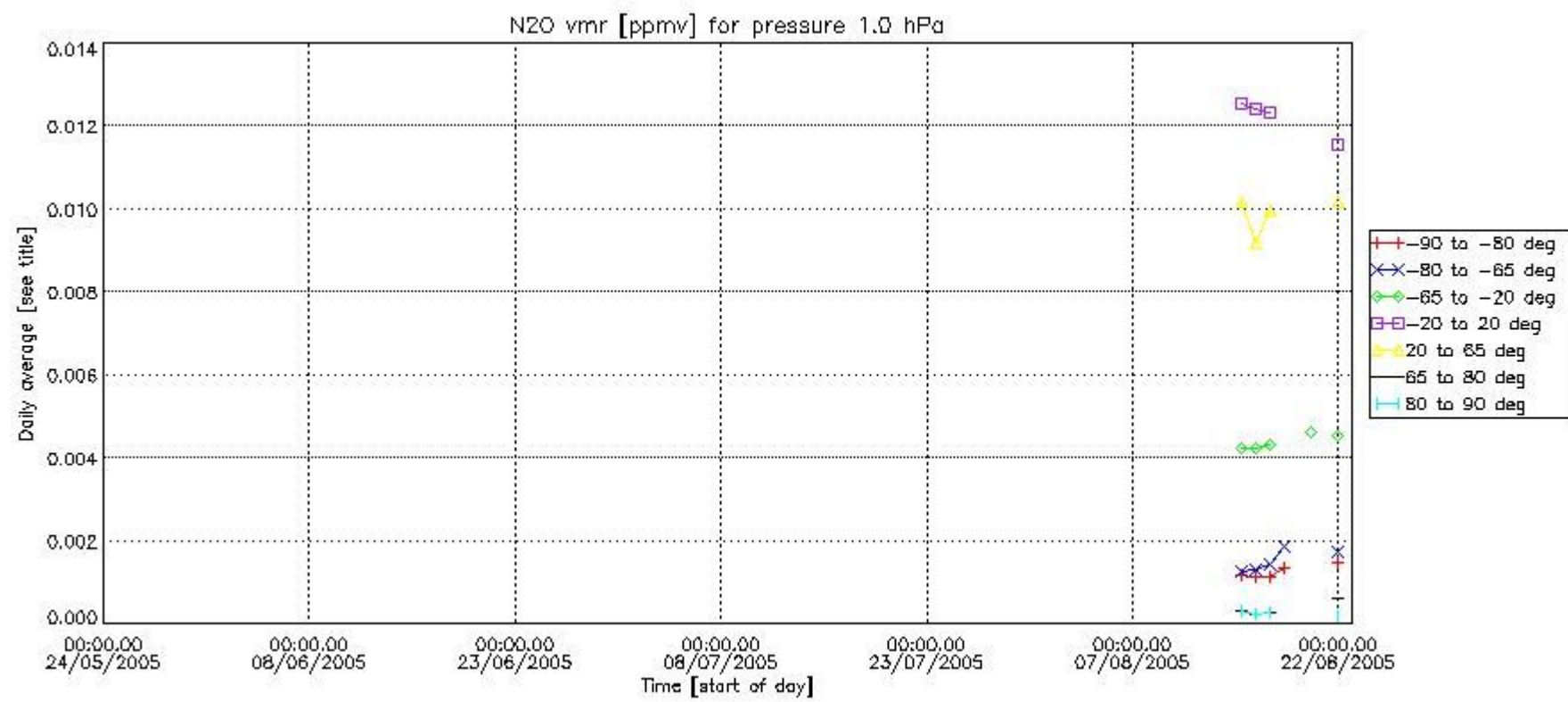
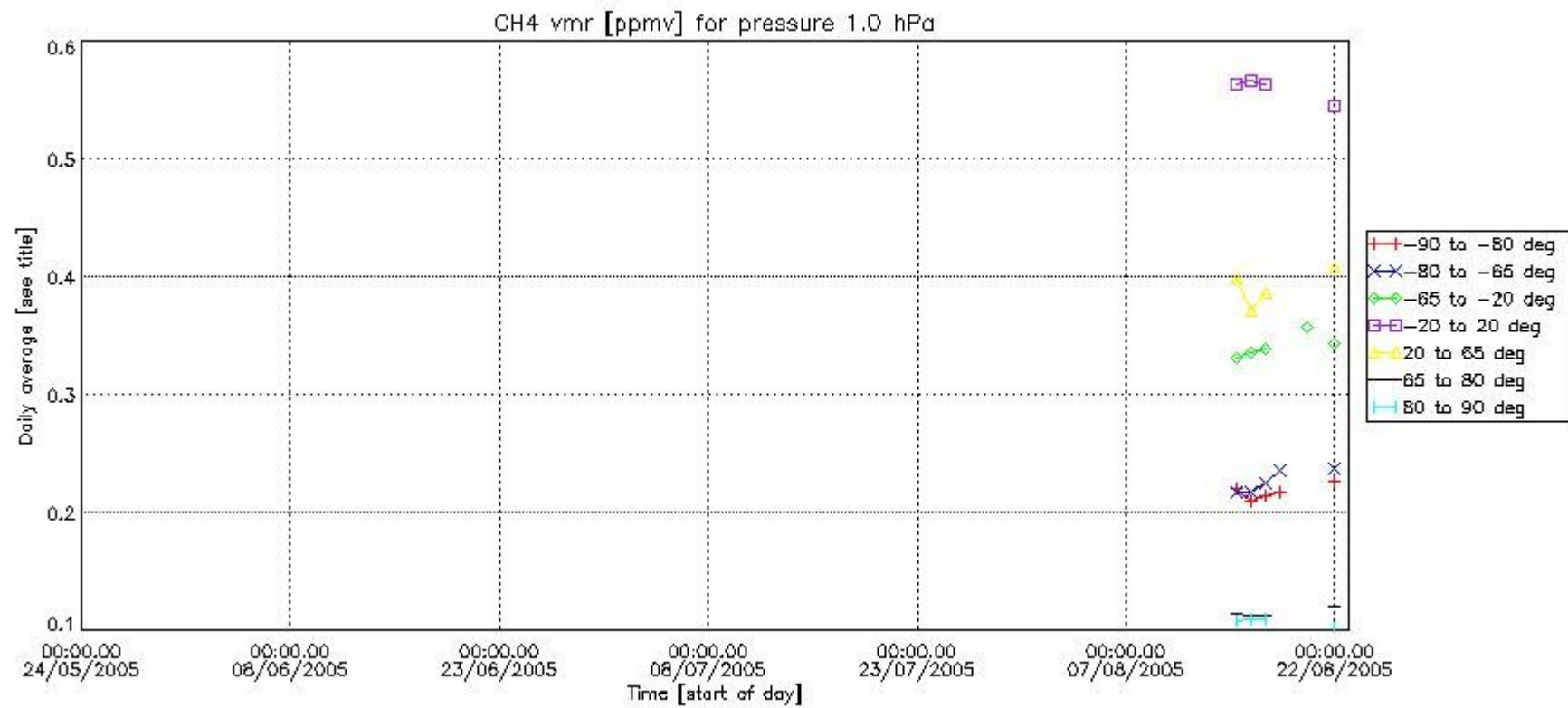


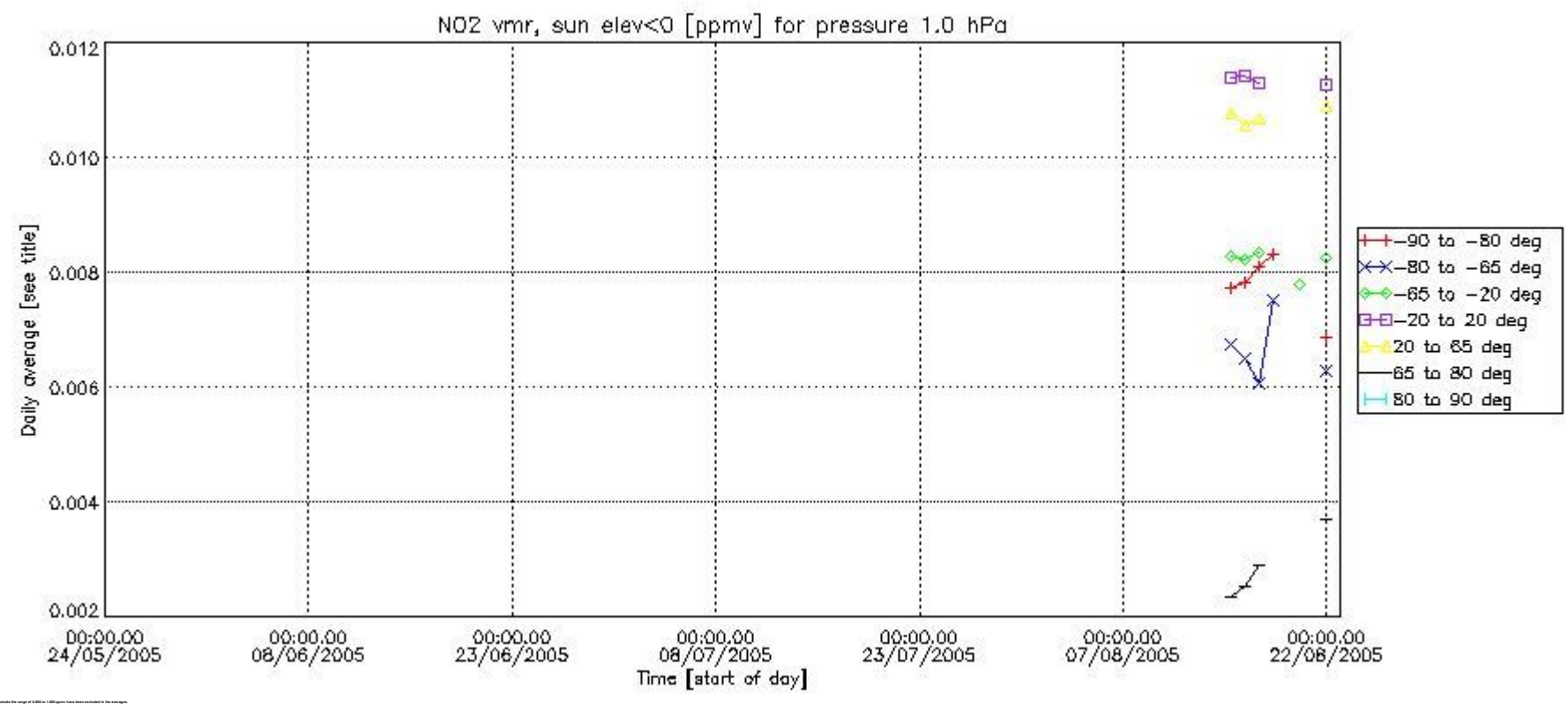
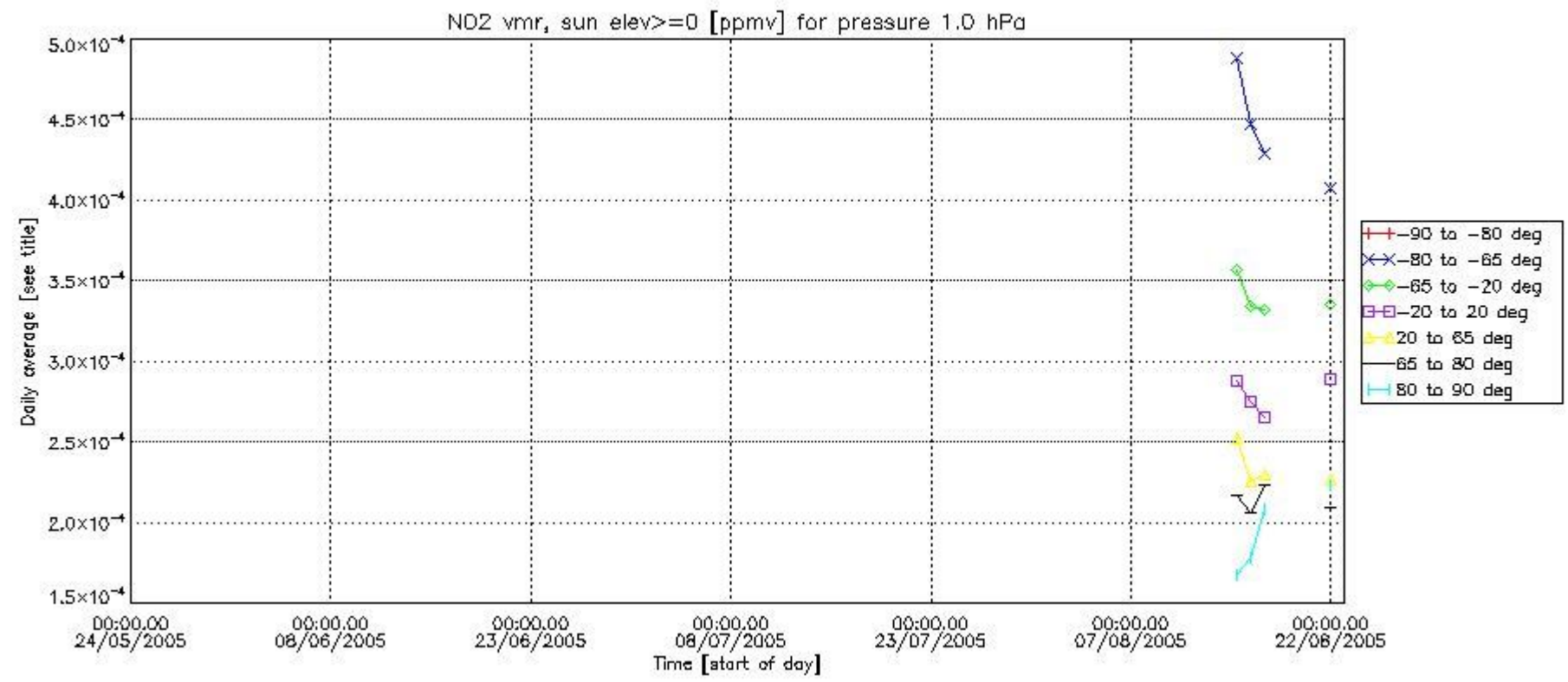


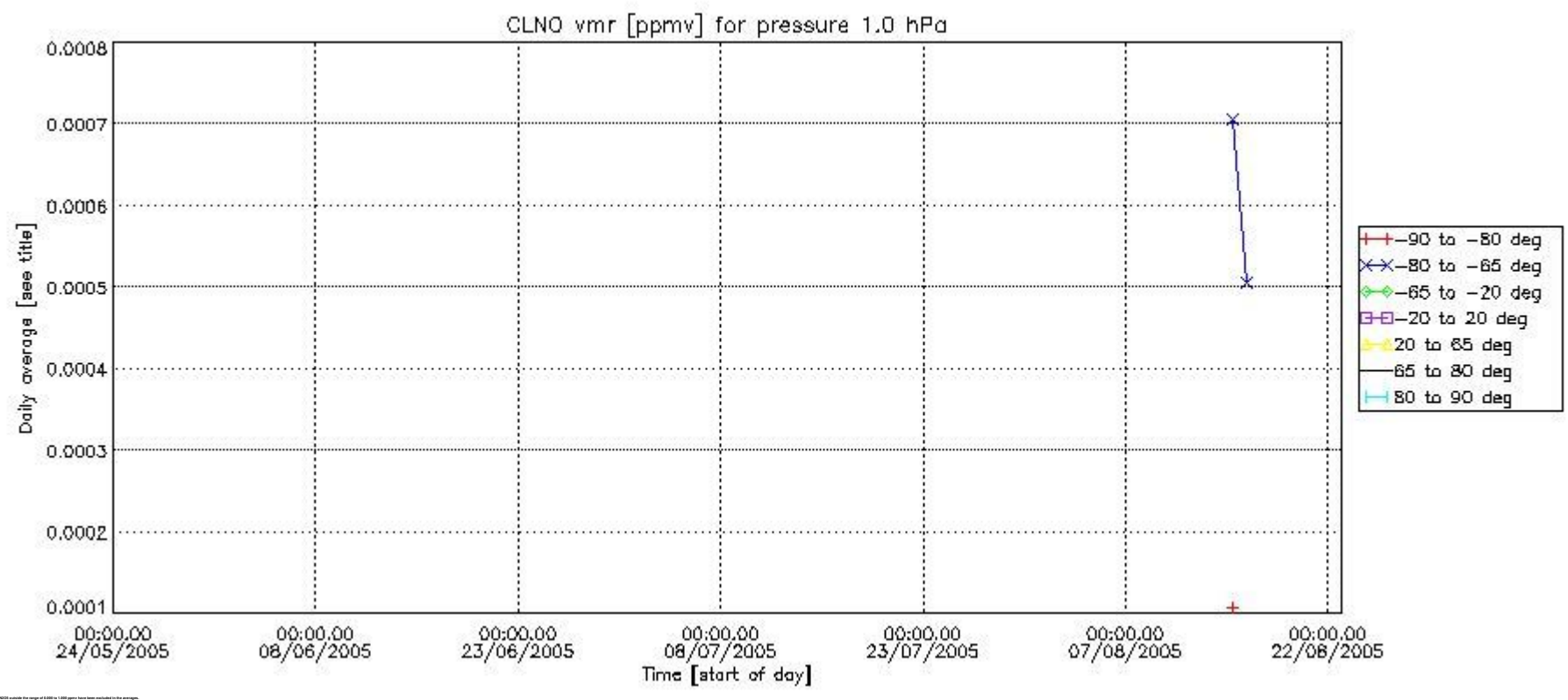
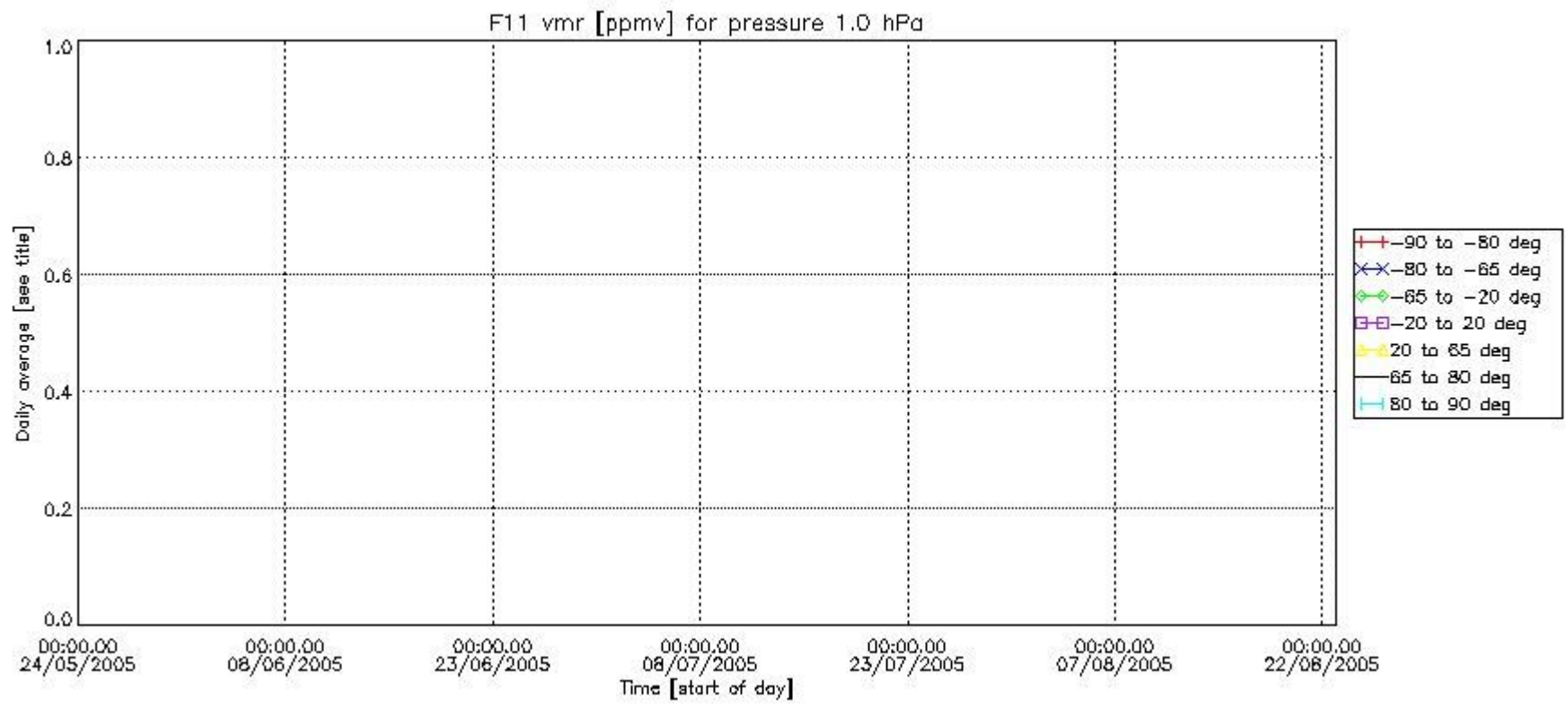


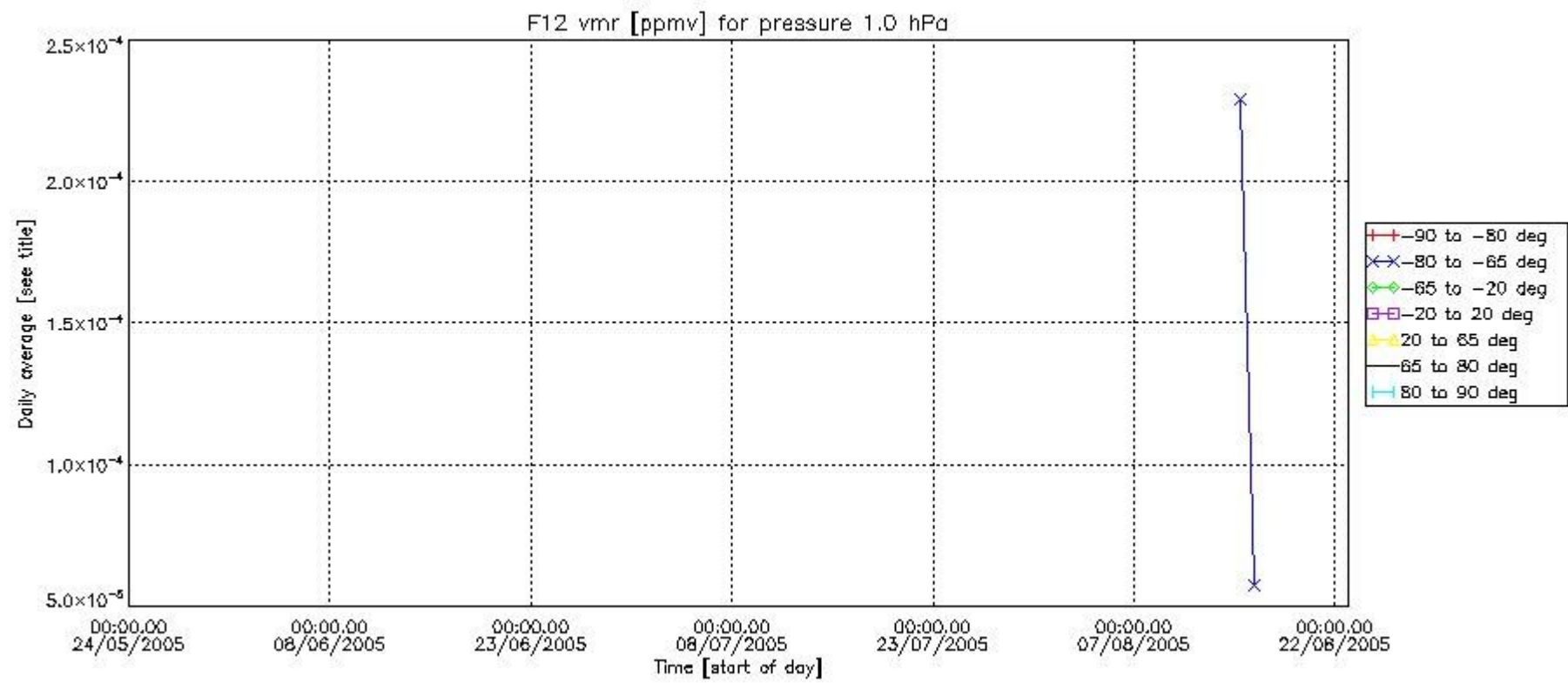
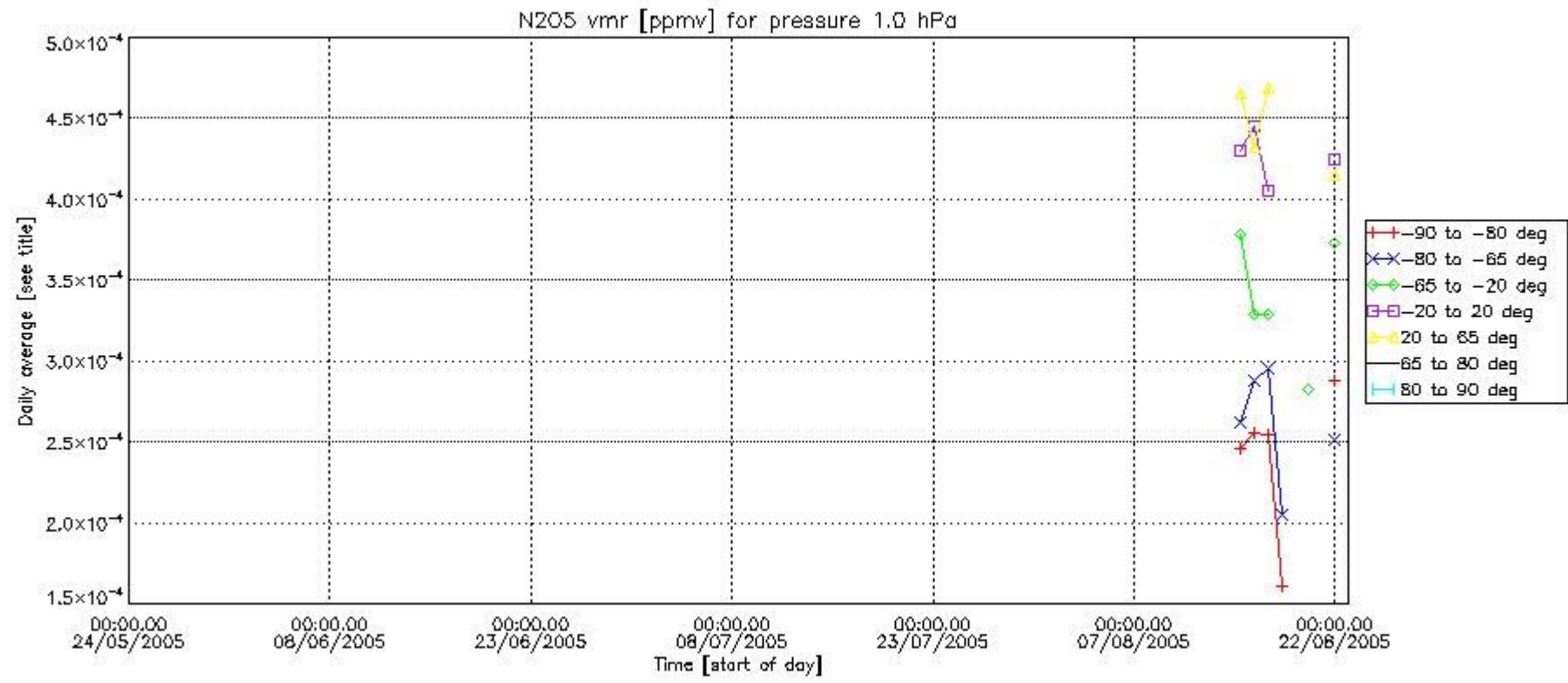


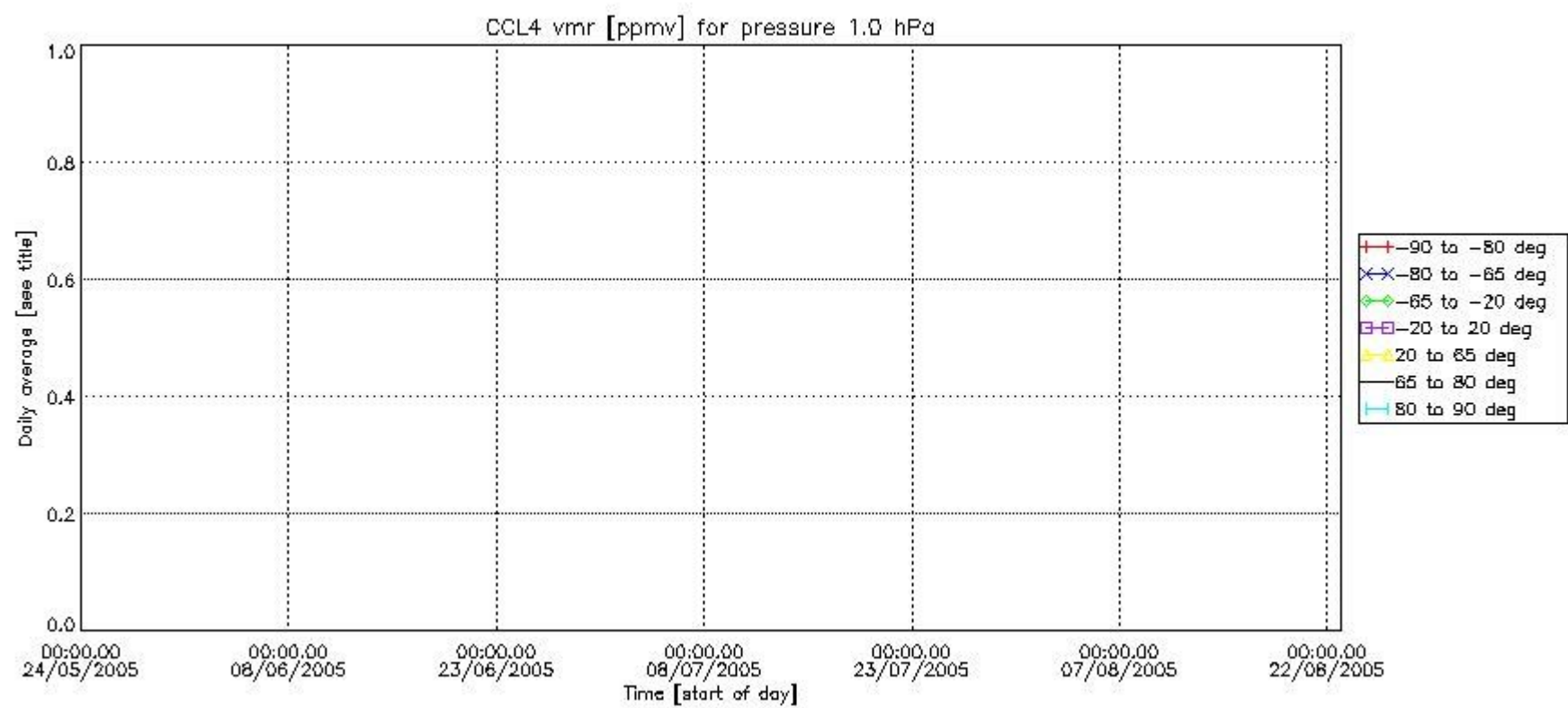
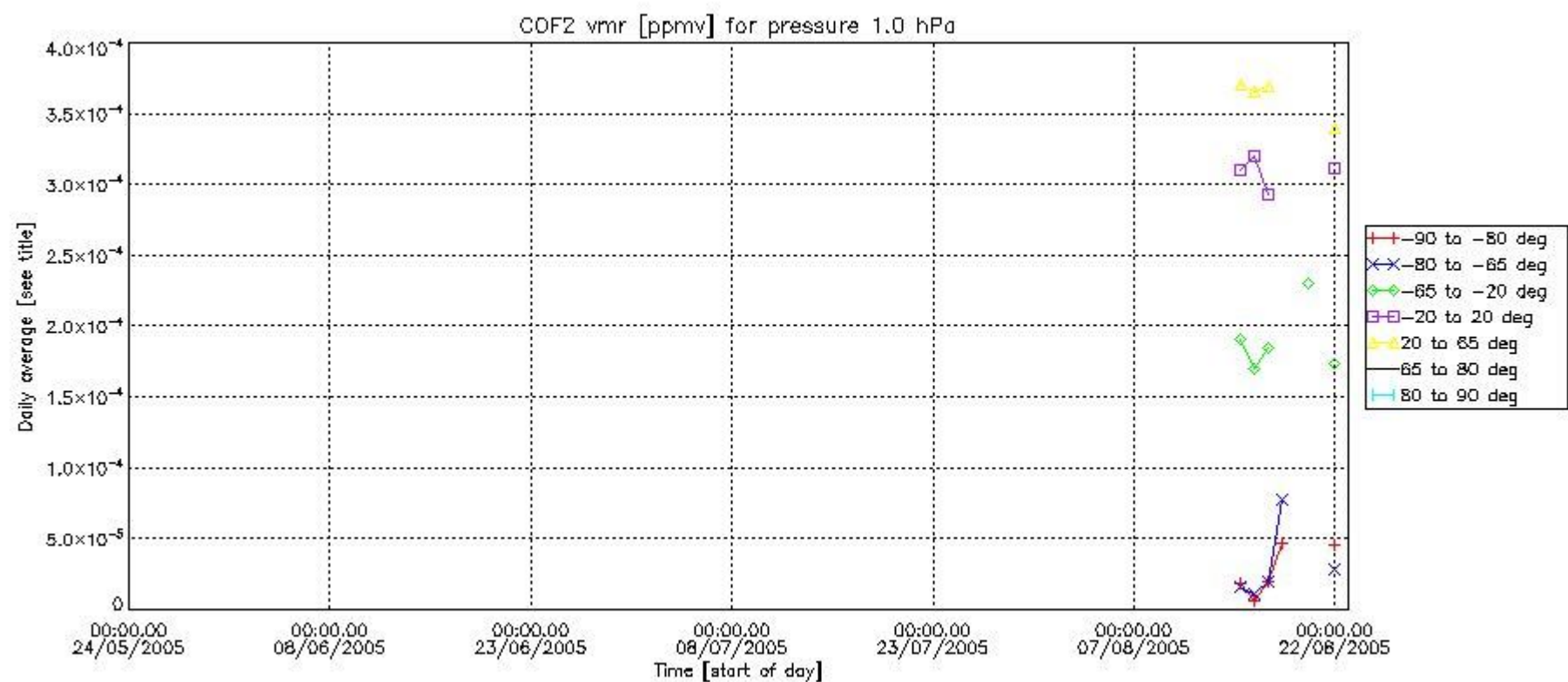


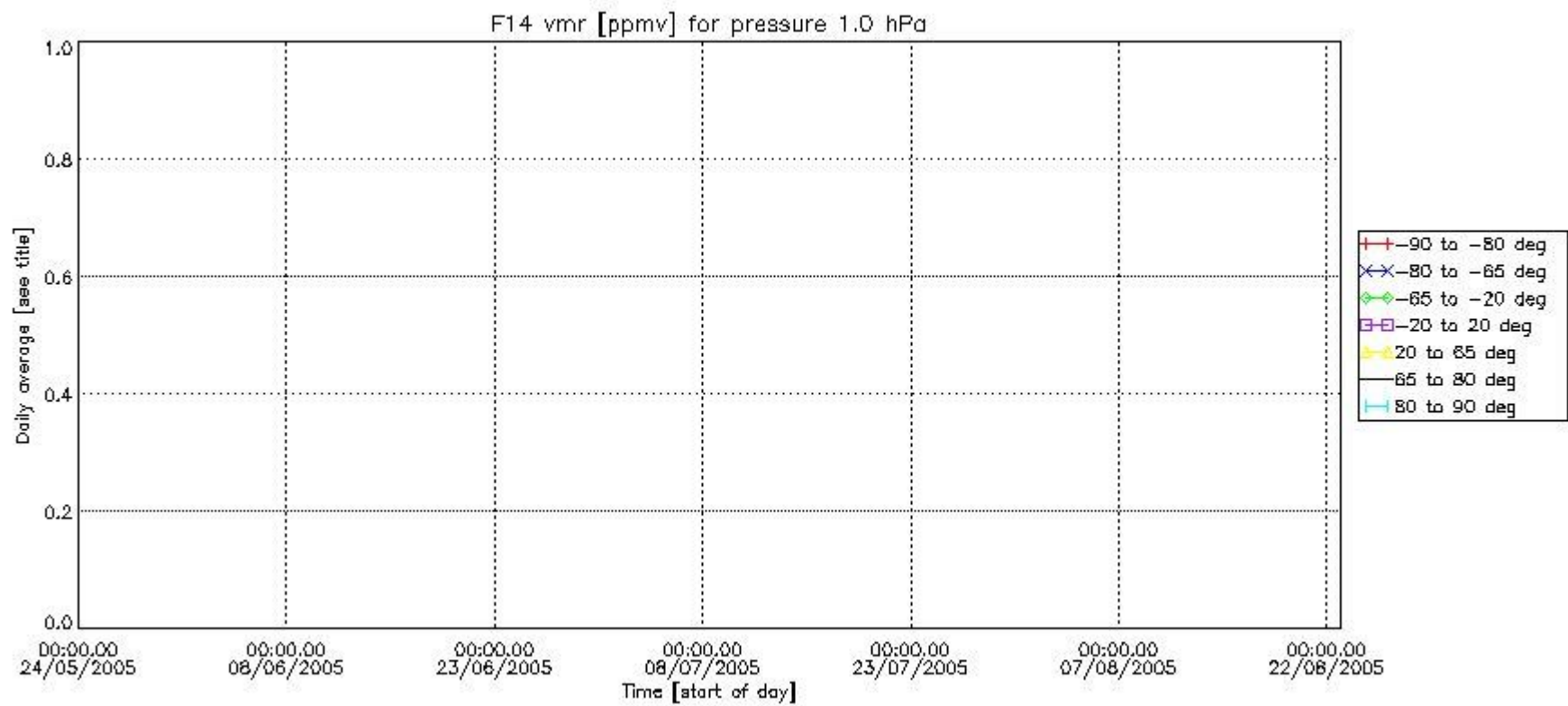
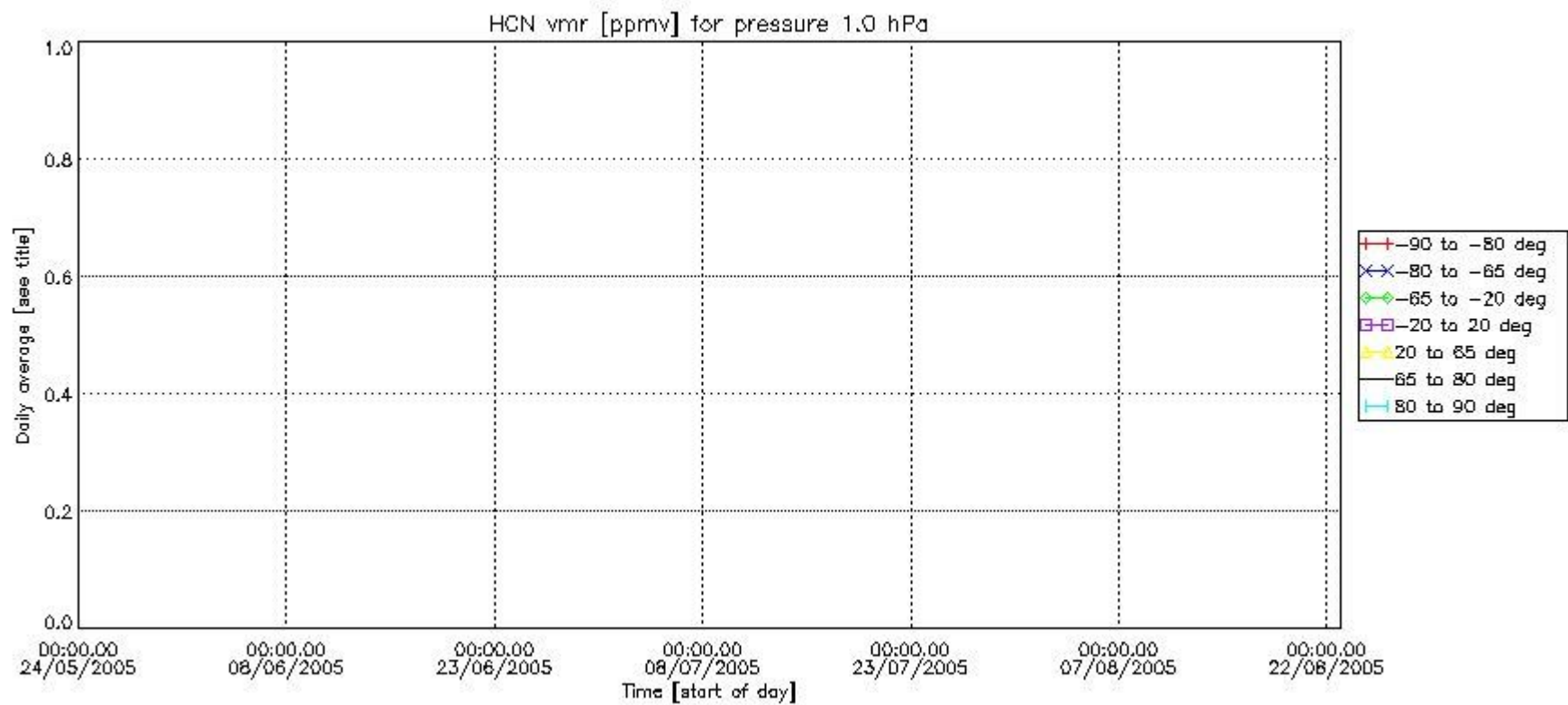


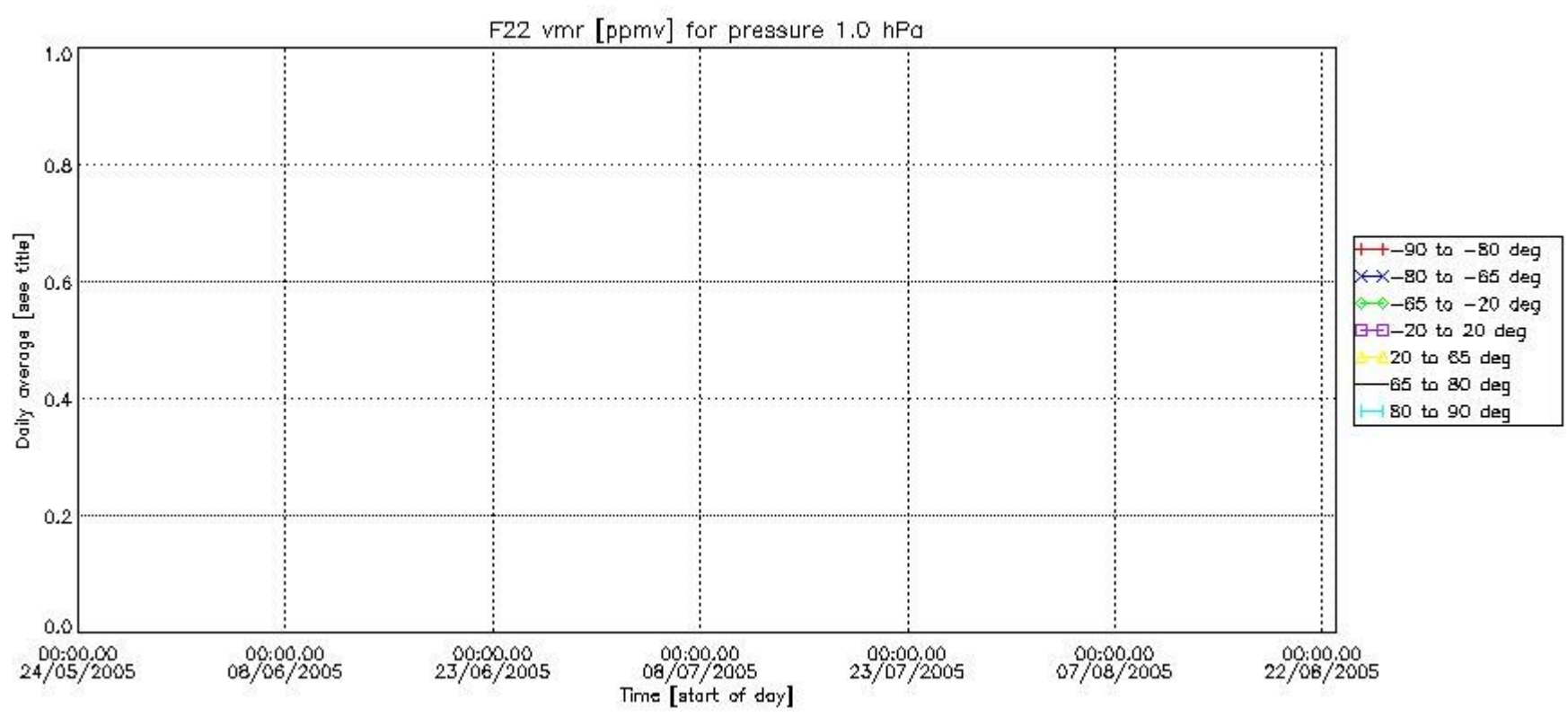












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

