

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060819.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 20:16:58
Data source version	ML2PP/7.03-W
Processing scope for products	19AUG2006 00:00:00 to 20AUG2006 00:00:00
Start time of first product within scope	18AUG2006 22:34:28
Stop time of last product within scope	20AUG2006 01:07:27
Total number of level 2 products	12
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__2PWDSI20060818_223428_000060302050_00259_23359_1000.N1	18AUG2006 22:34:28	19AUG2006 00:14:57	0	128/128	VMR_TERM_MACRO_MICRO[CH4/macro:1; CLNO/micro:2; HCN/micro:2]
1	MIP_NL__2PWDSI20060819_001504_000050402050_00260_23360_1000.N1	19AUG2006 00:15:04	19AUG2006 01:39:04	0	111/111	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1]
2	MIP_NL__2PWDSI20060819_063544_000012542050_00263_23363_1000.N1	19AUG2006 06:35:44	19AUG2006 06:56:37	0	24/24	
3	MIP_NL__2PWDSI20060819_065727_000060302050_00264_23364_1000.N1	19AUG2006 06:57:27	19AUG2006 08:37:57	0	109/109	
4	MIP_NL__2PWDSI20060819_083803_000060302050_00265_23365_1000.N1	19AUG2006 08:38:03	19AUG2006 10:18:33	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:4; CLNO/micro:1; HCN/micro:1; F14/micro:1]
5	MIP_NL__2PWDSI20060819_101839_000050402050_00266_23366_1000.N1	19AUG2006 10:18:39	19AUG2006 11:42:39	0	111/111	VMR_TERM_MACRO_MICRO[F14/macro:3; CLNO/micro:3; HCN/micro:1]
6	MIP_NL__2PWDSI20060819_133525_000002132050_00267_23367_1000.N1	19AUG2006 13:35:25	19AUG2006 13:38:59	0	5/5	
7	MIP_NL__2PWDSI20060819_165931_000000082050_00269_23369_1000.N1	19AUG2006 16:59:31	19AUG2006 16:59:39	1	1/1	
8	MIP_NL__2PWDSI20060819_200032_000012532050_00271_23371_1000.N1	19AUG2006 20:00:32	19AUG2006 20:21:25	0	24/24	
9	MIP_NL__2PWDSI20060819_202215_000060302050_00272_23372_1000.N1	19AUG2006 20:22:15	19AUG2006 22:02:44	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1; CLNO/micro:1; HCN/micro:1]
10	MIP_NL__2PWDSI20060819_220251_000060302050_00273_23373_1000.N1	19AUG2006 22:02:51	19AUG2006 23:43:20	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:1; H2O/micro:1; HCN/micro:2]
11	MIP_NL__2PWDSI20060819_234326_000050402050_00274_23374_1000.N1	19AUG2006 23:43:26	20AUG2006 01:07:27	0	111/111	VMR_TERM_MACRO_MICRO[HCN/macro:2; F14/macro:1; HCN/micro:1]

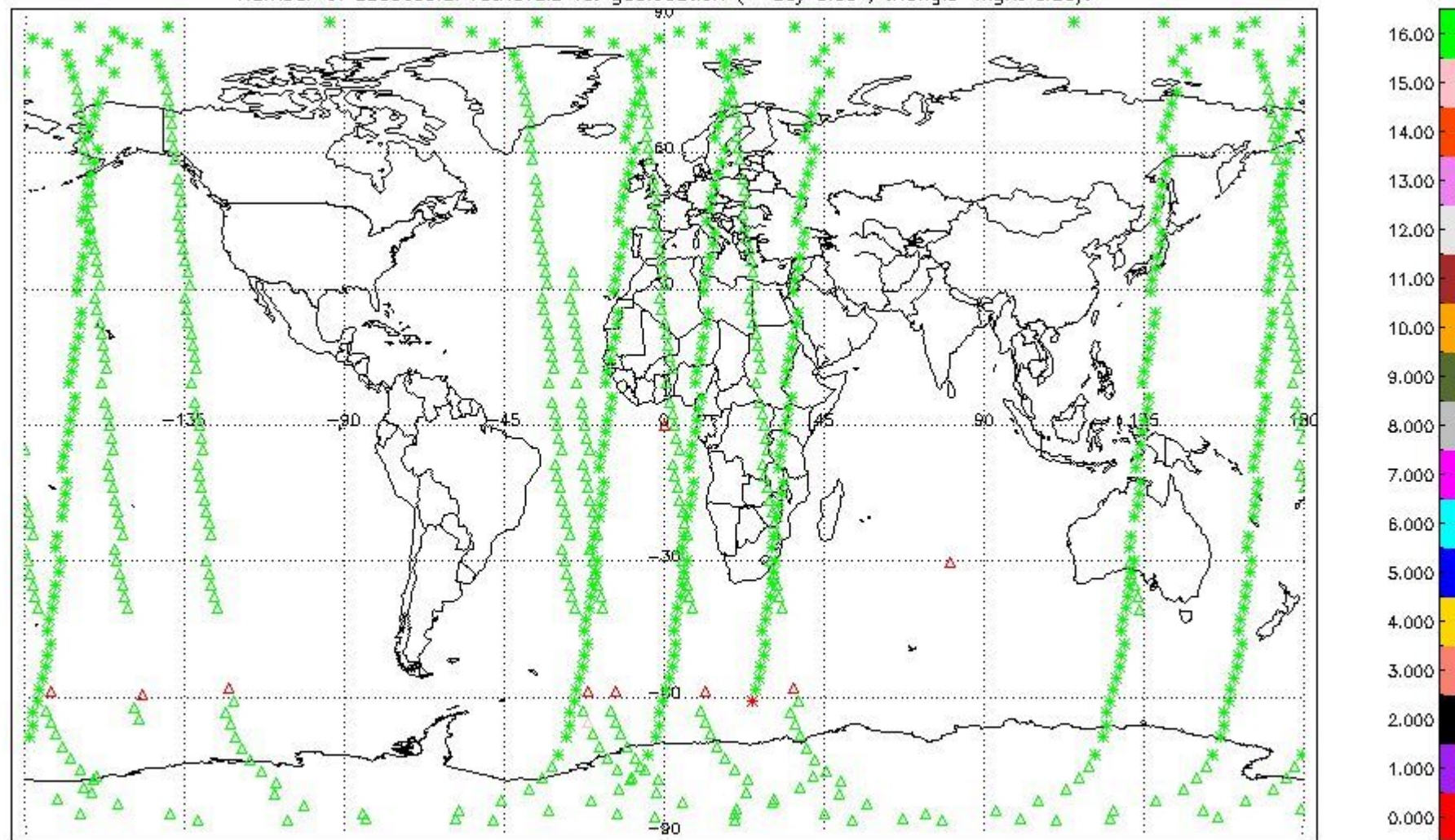
2.2 Processing performance indicators

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.

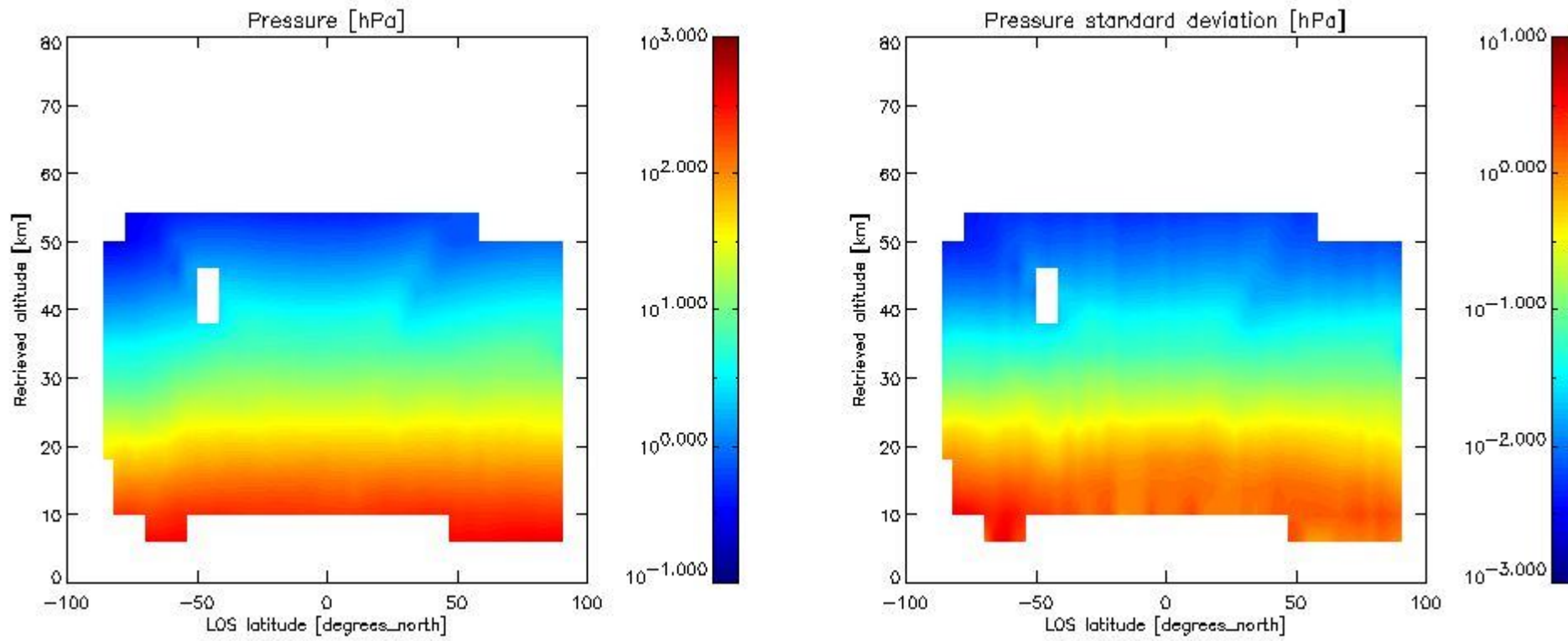
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1008	790	78.373
H2O	1008	790	78.373
O3	1008	790	78.373
HNO3	1008	790	78.373
CH4	1008	790	78.373
N2O	1008	790	78.373
NO2	1008	790	78.373
F11	1008	790	78.373
CLNO	1008	790	78.373
N2O5	1008	790	78.373
F12	1008	789	78.274
COF2	1008	790	78.373
CCL4	1008	790	78.373
HCN	1008	790	78.373
F14	1008	790	78.373
F22	1008	790	78.373

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



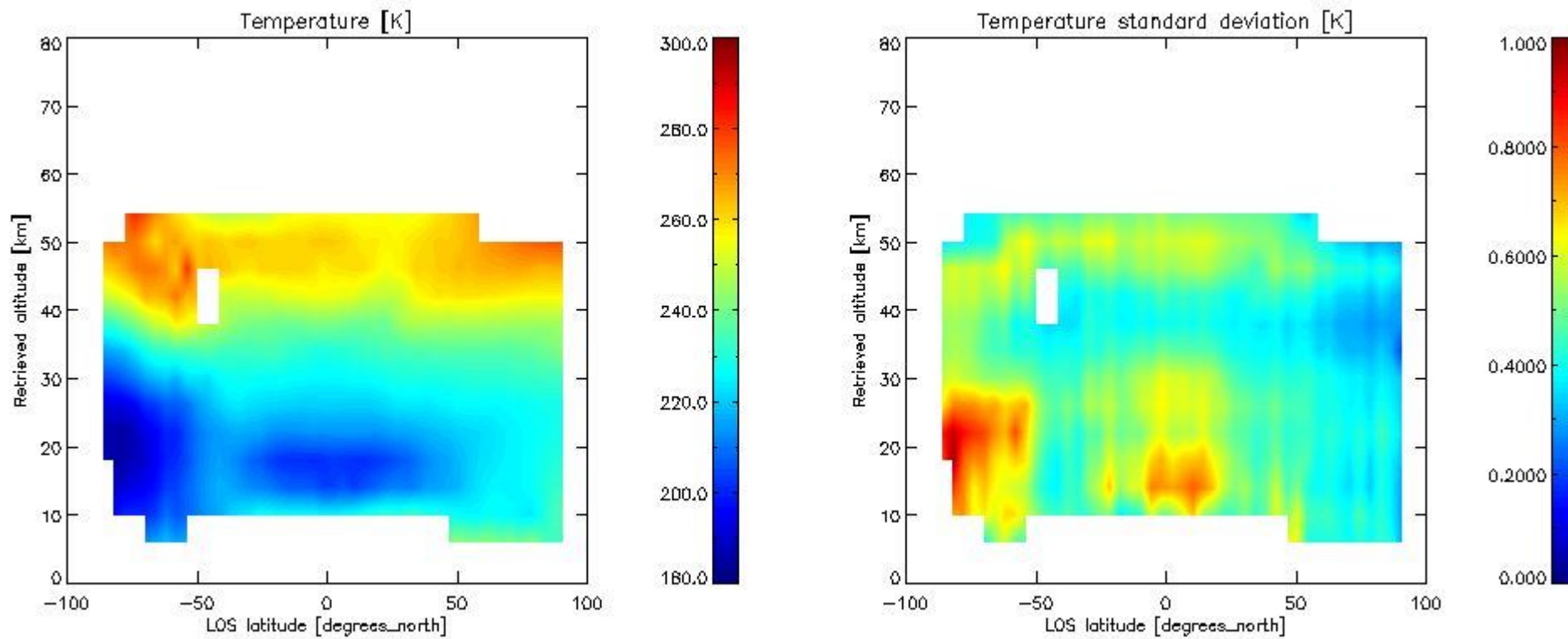
2.2.2 Pressure overview

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



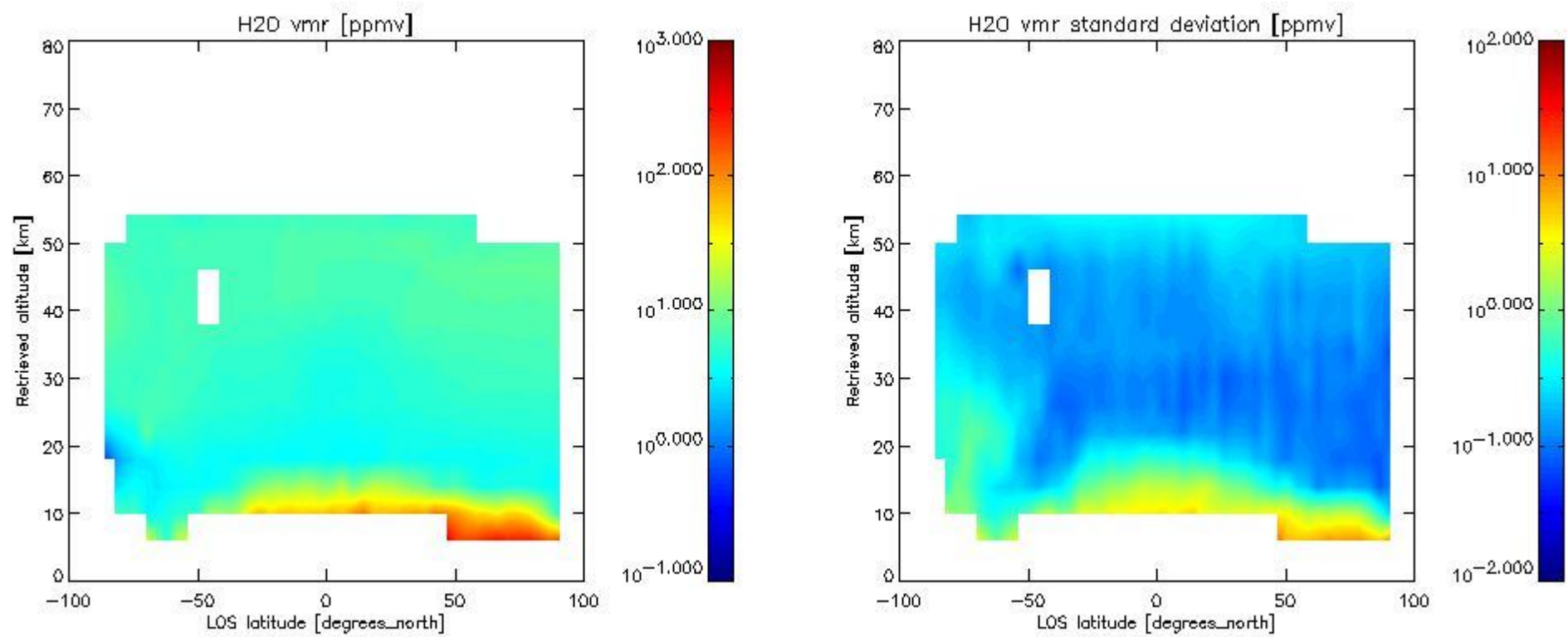
2.2.3 Temperature overview

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

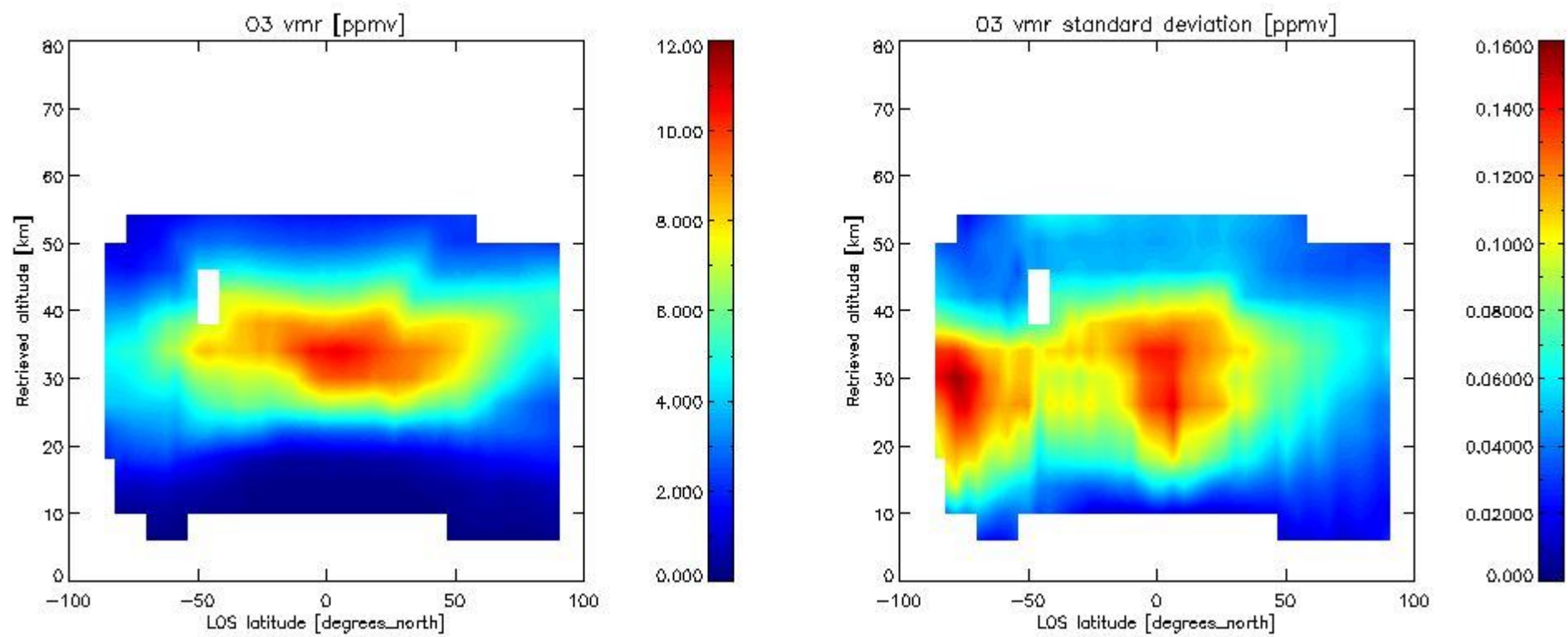


2.2.4 Species overview

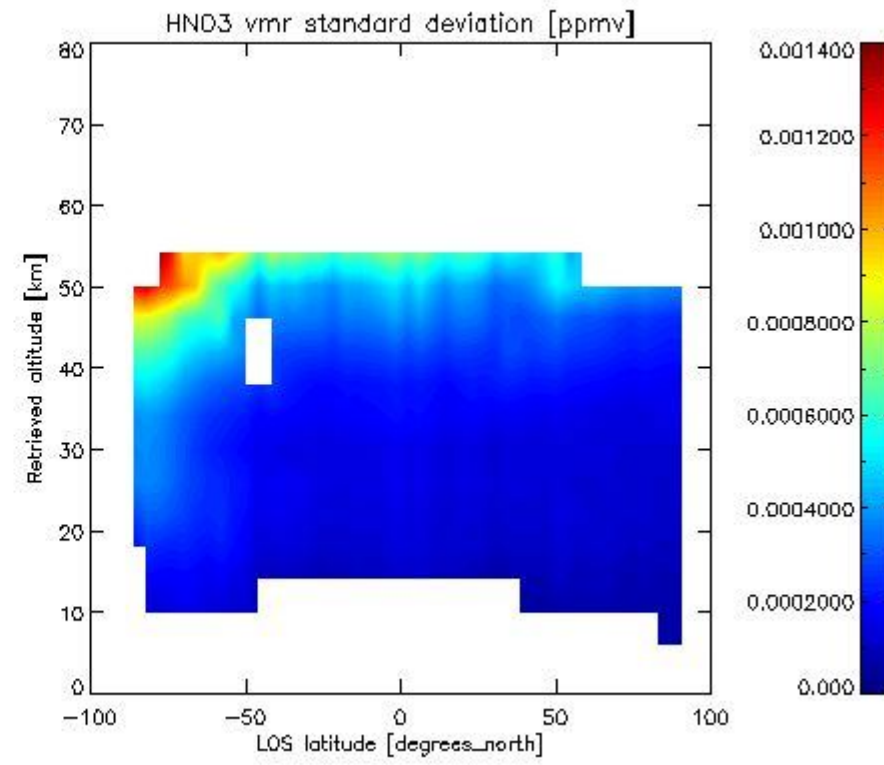
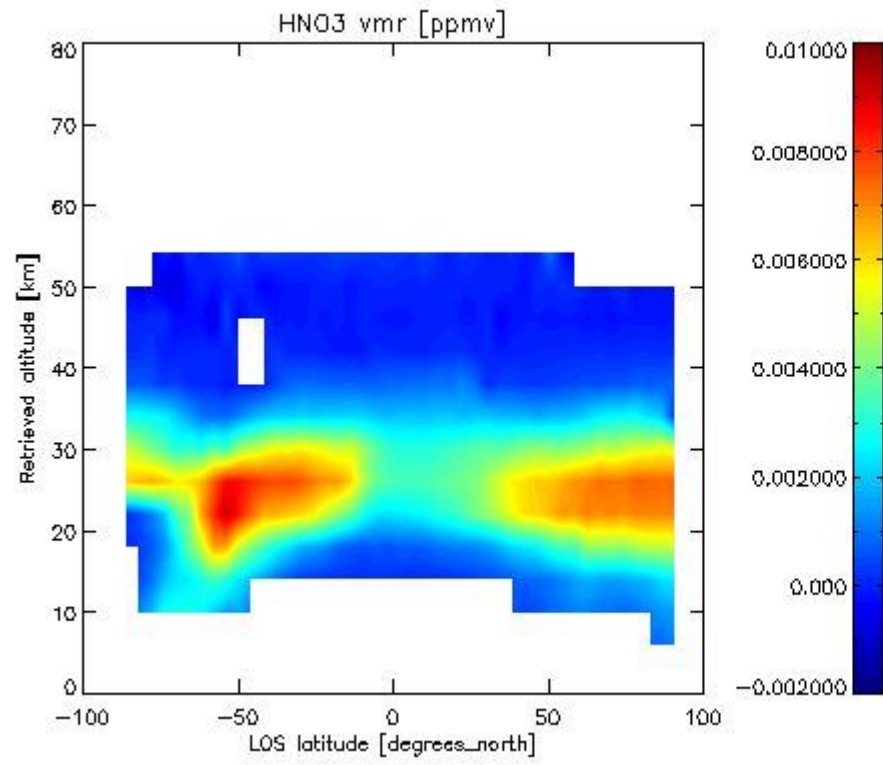
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



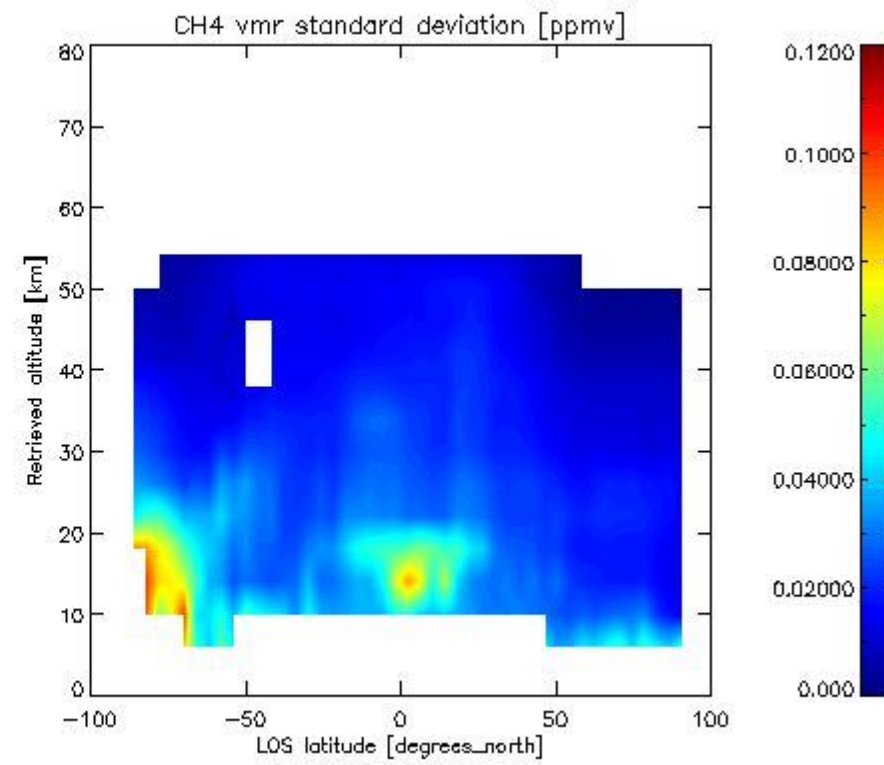
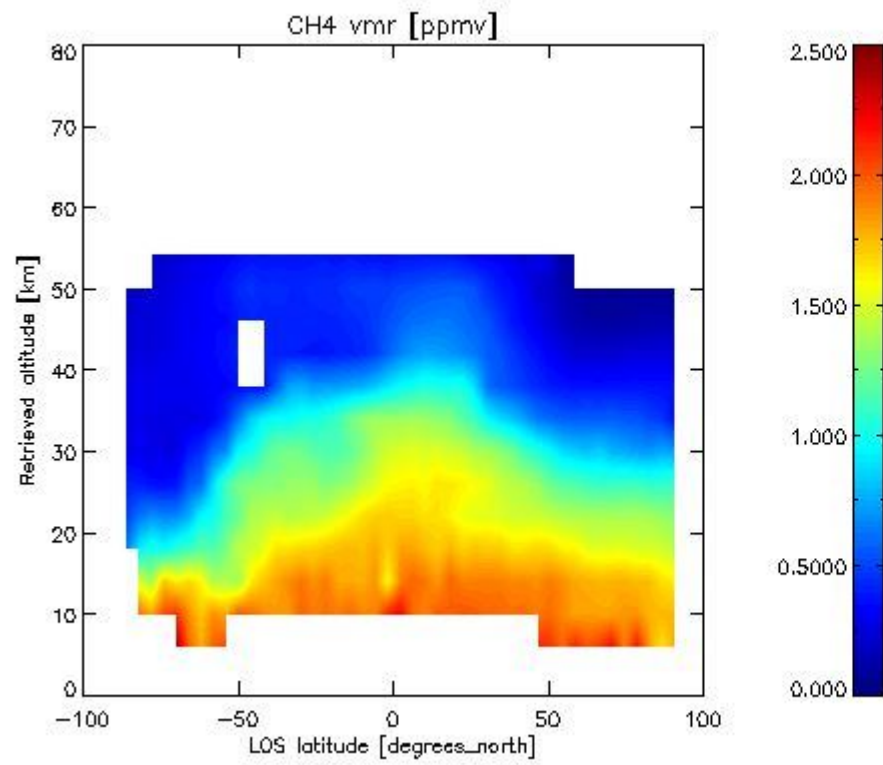
2.2.4.2 O₃ overview This section shows values (left) and error (right) for O₃ after binning individual sweep values over retrieved altitude and tangent latitude.



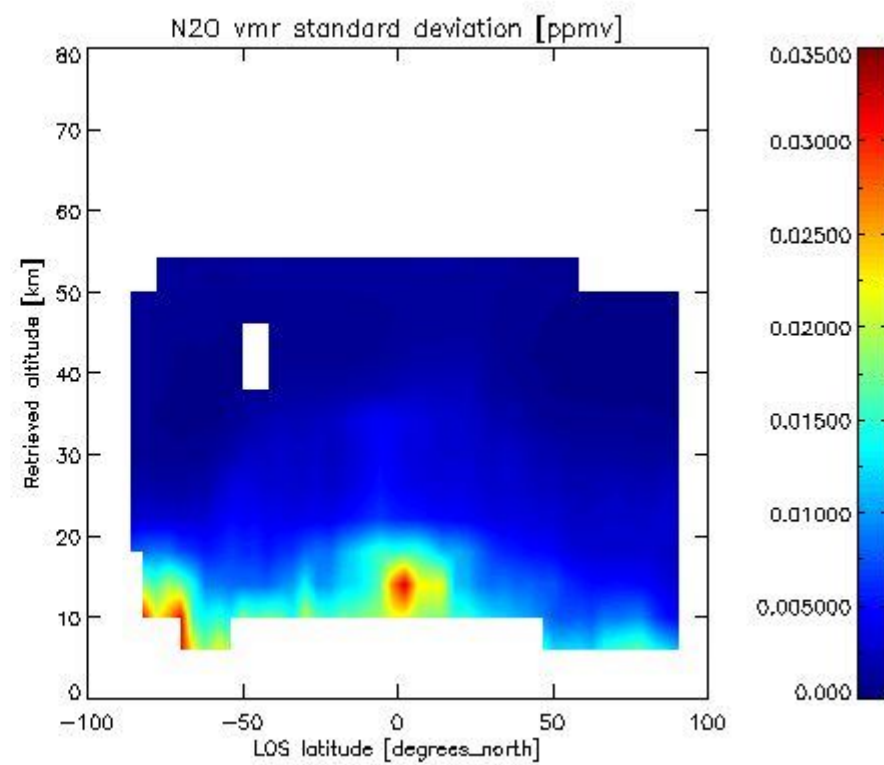
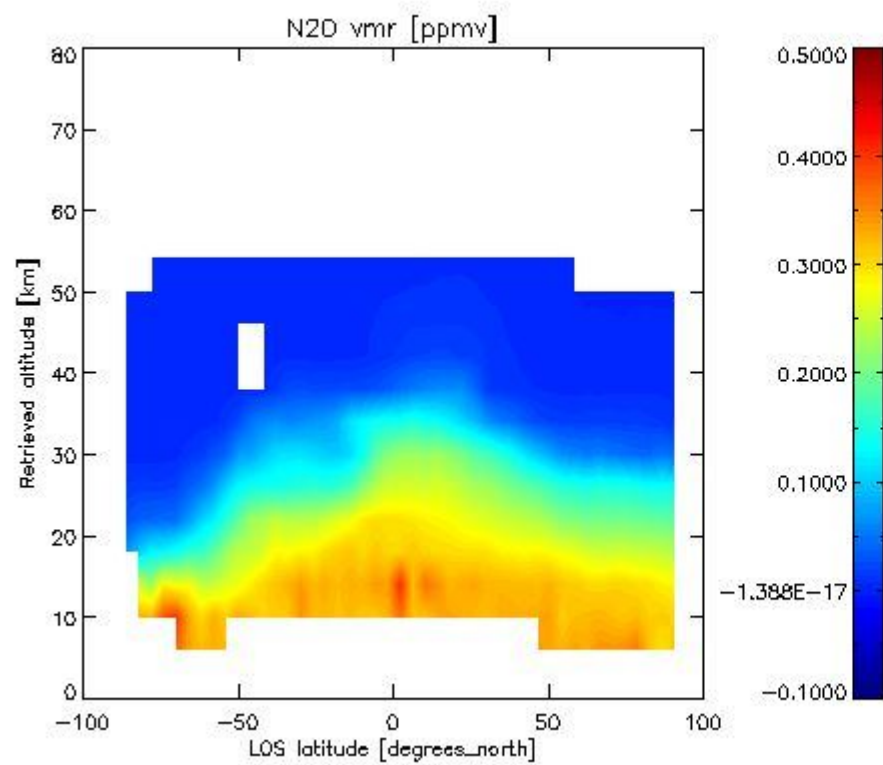
2.2.4.3 HNO₃ overview This section shows values (left) and error (right) for HNO₃ after binning individual sweep values over retrieved altitude and tangent latitude.



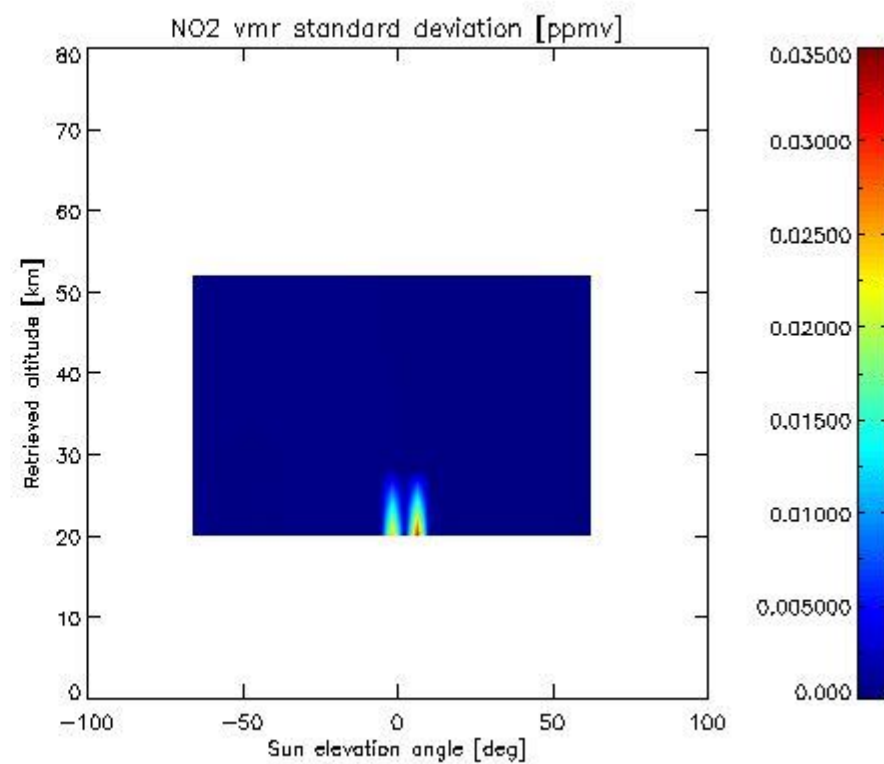
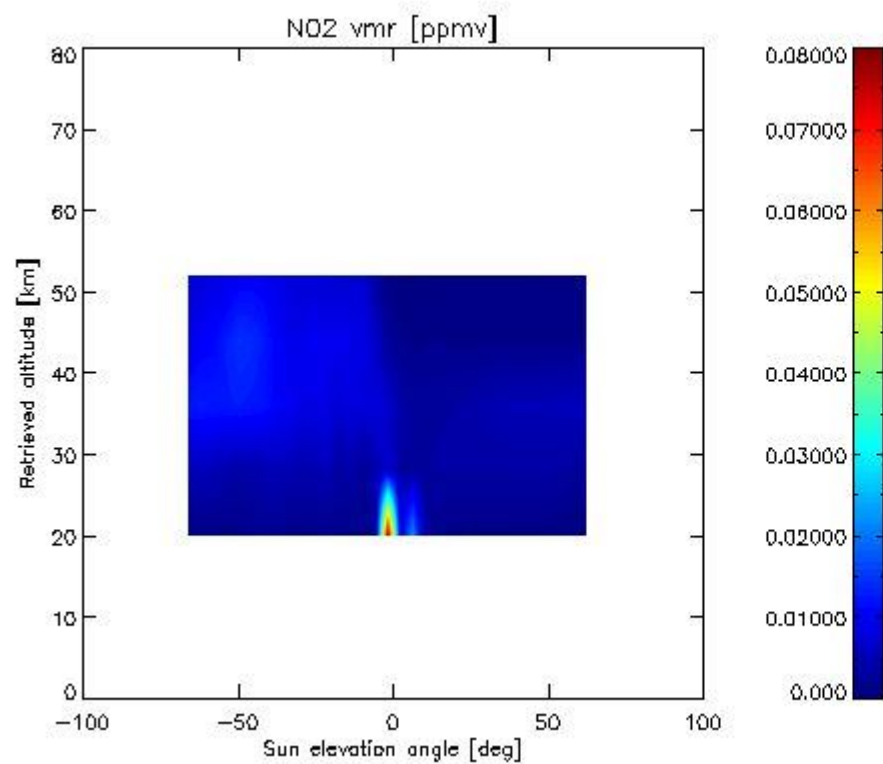
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



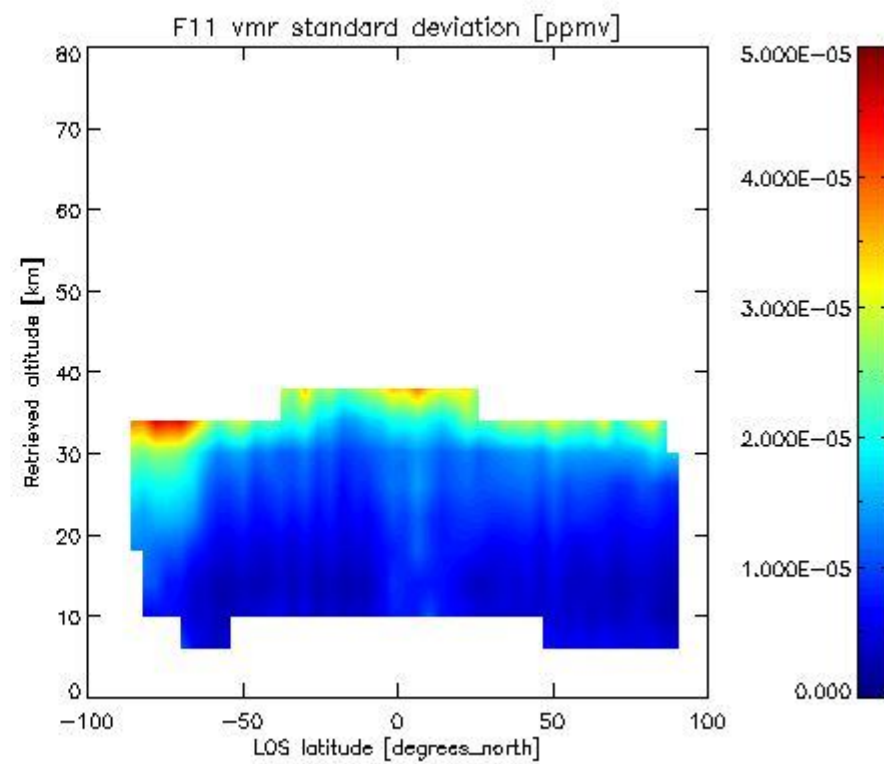
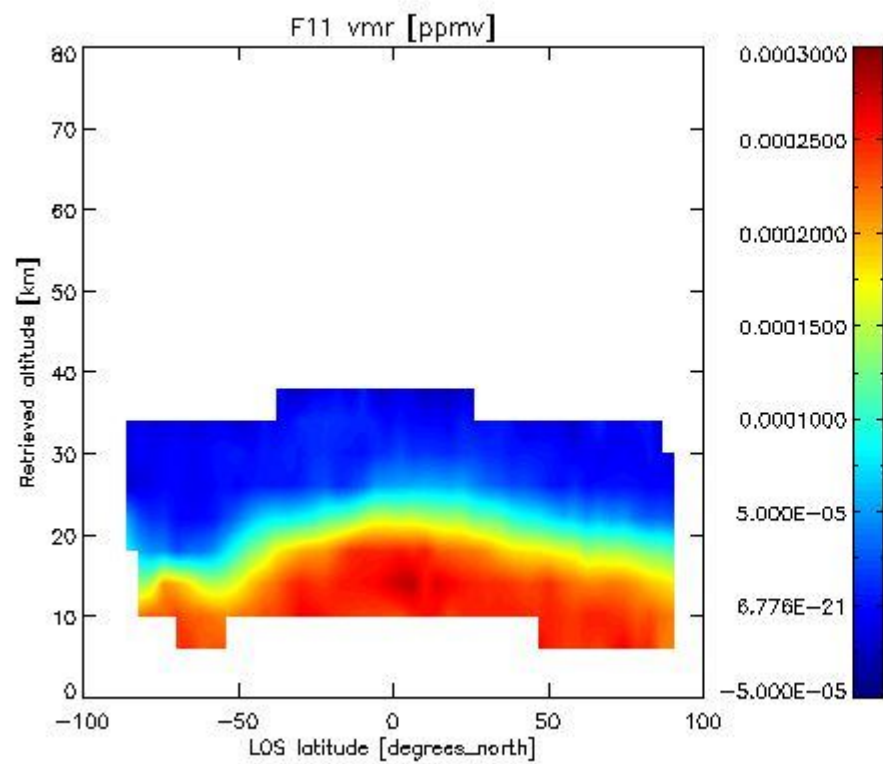
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



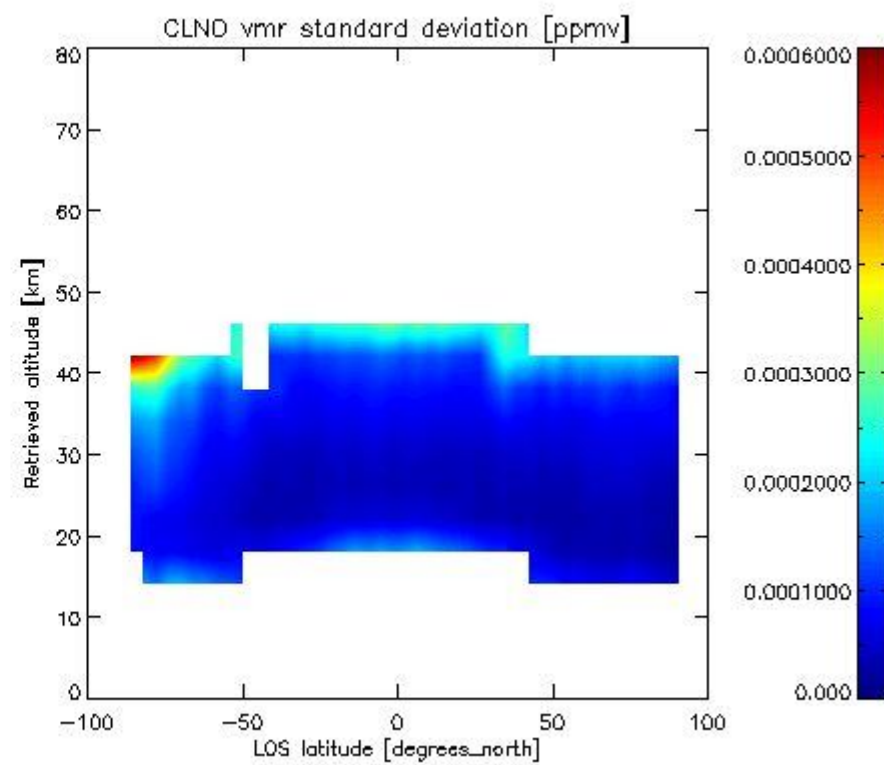
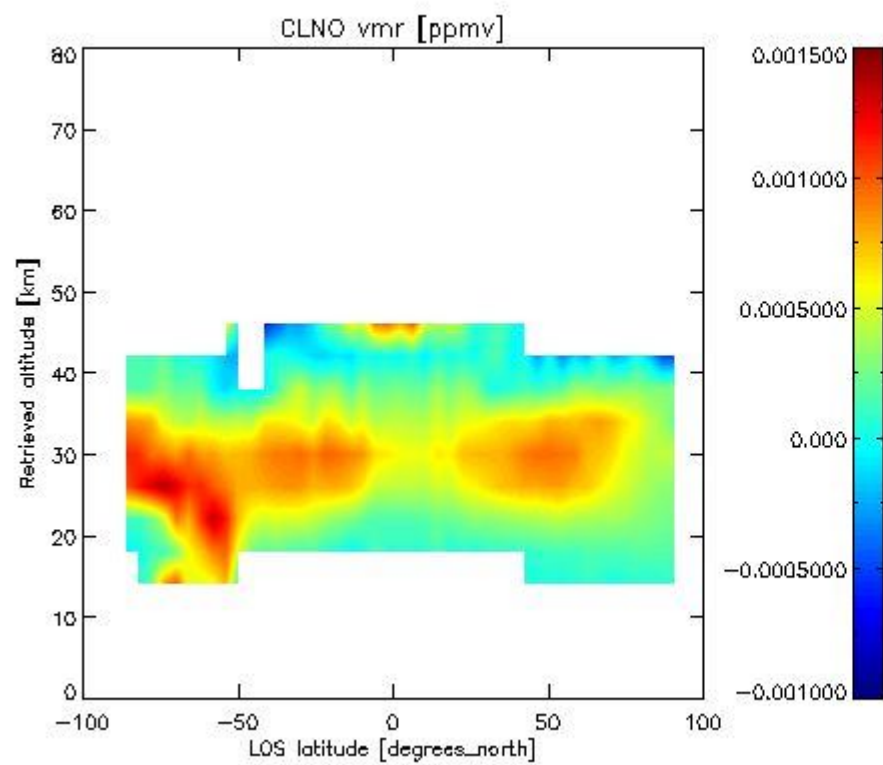
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

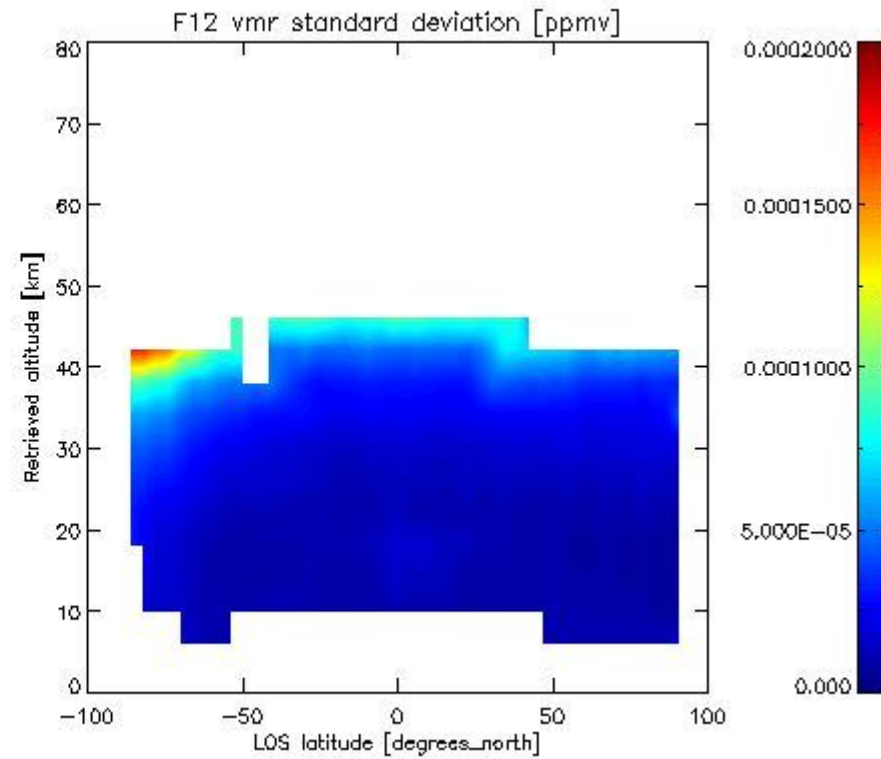
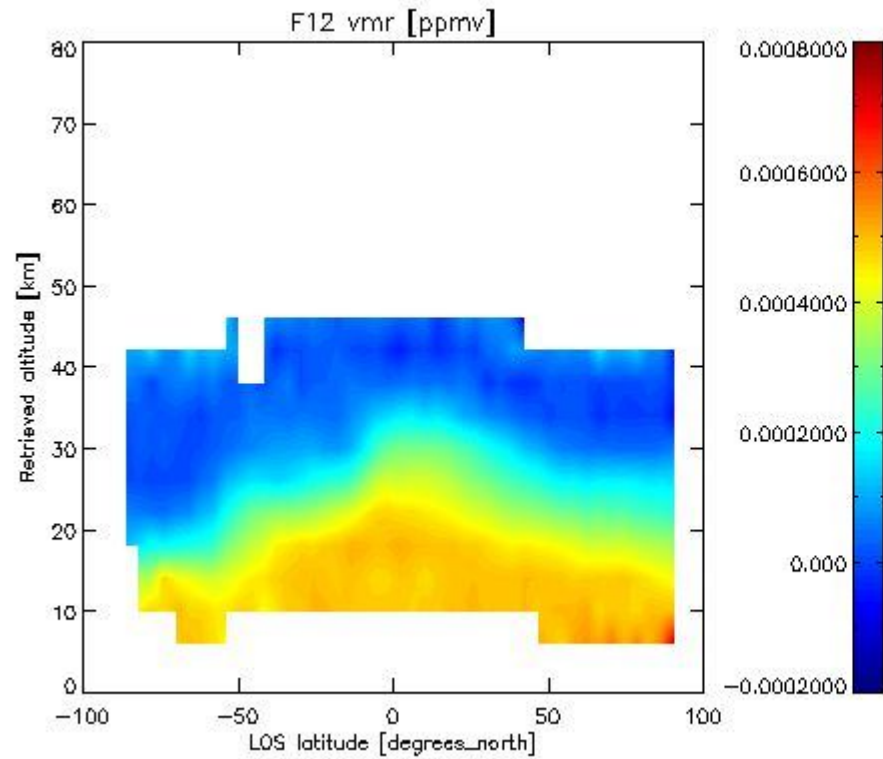
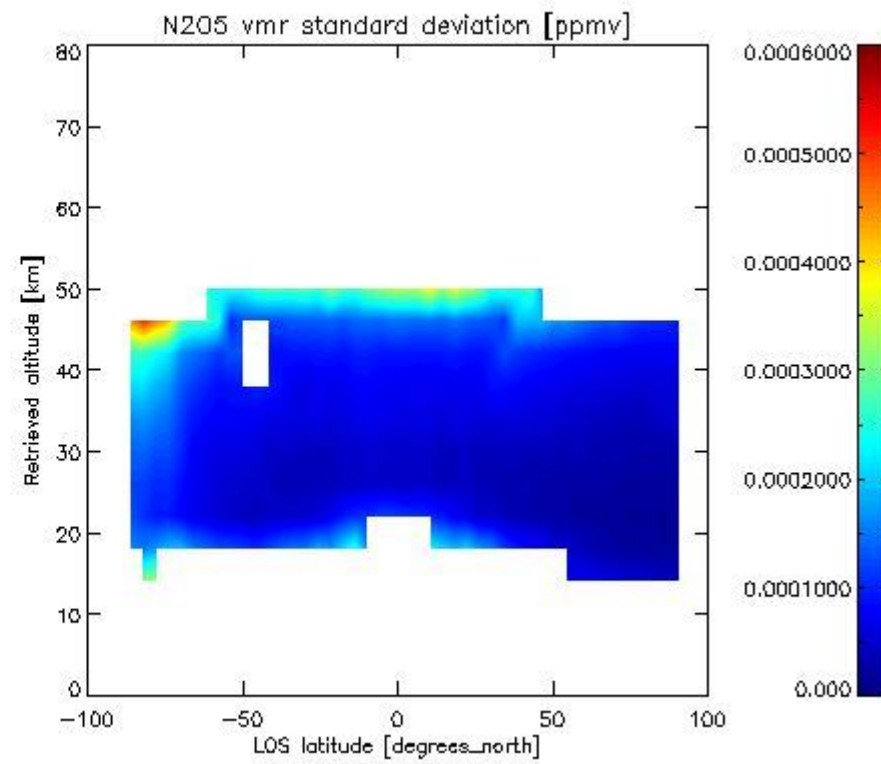
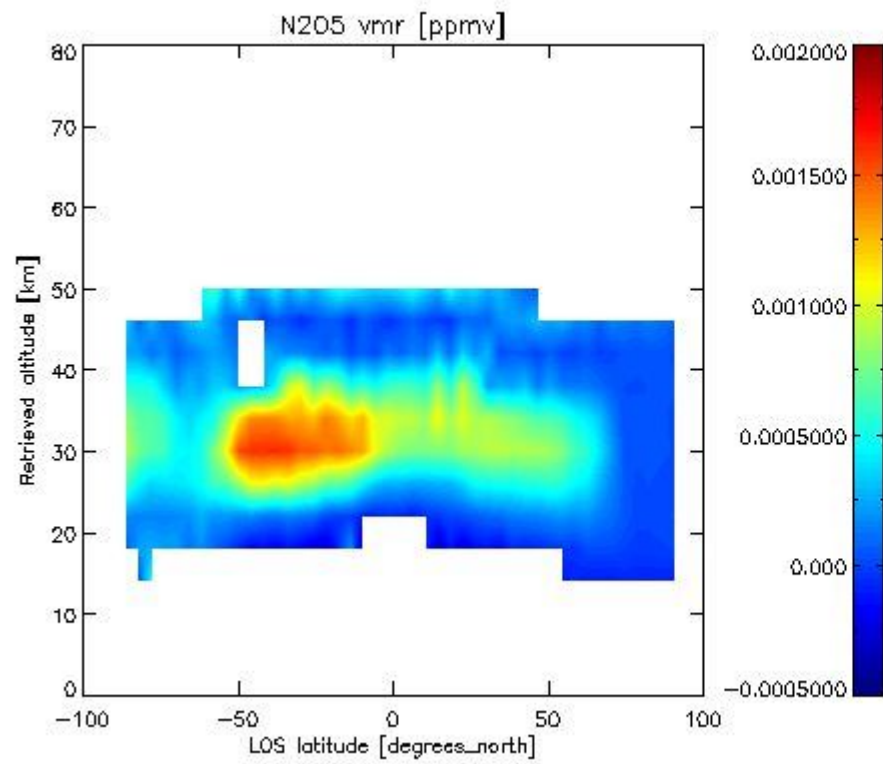


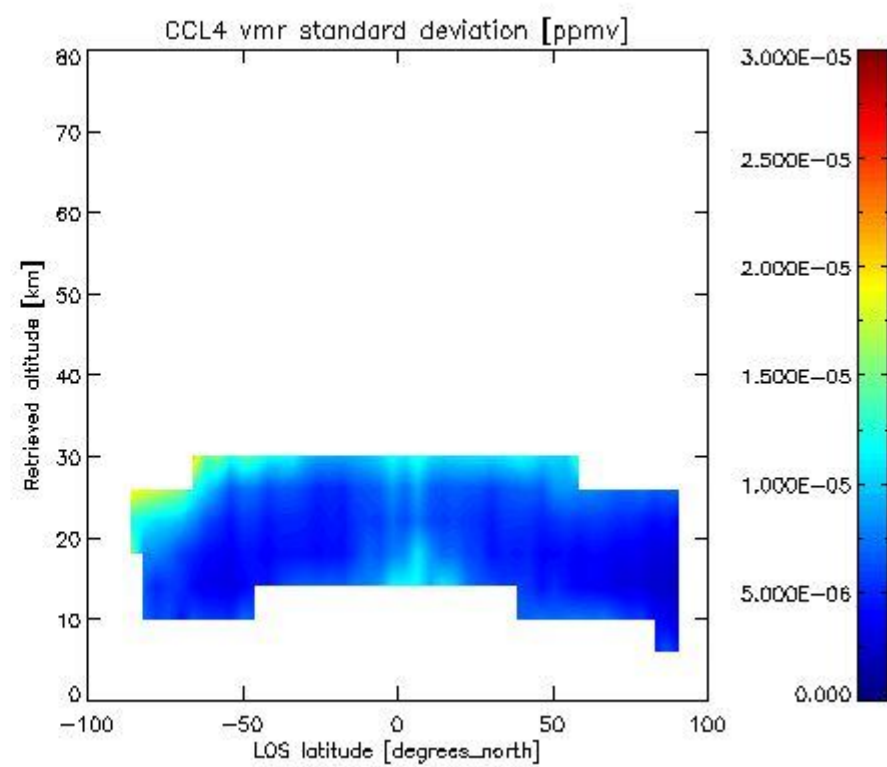
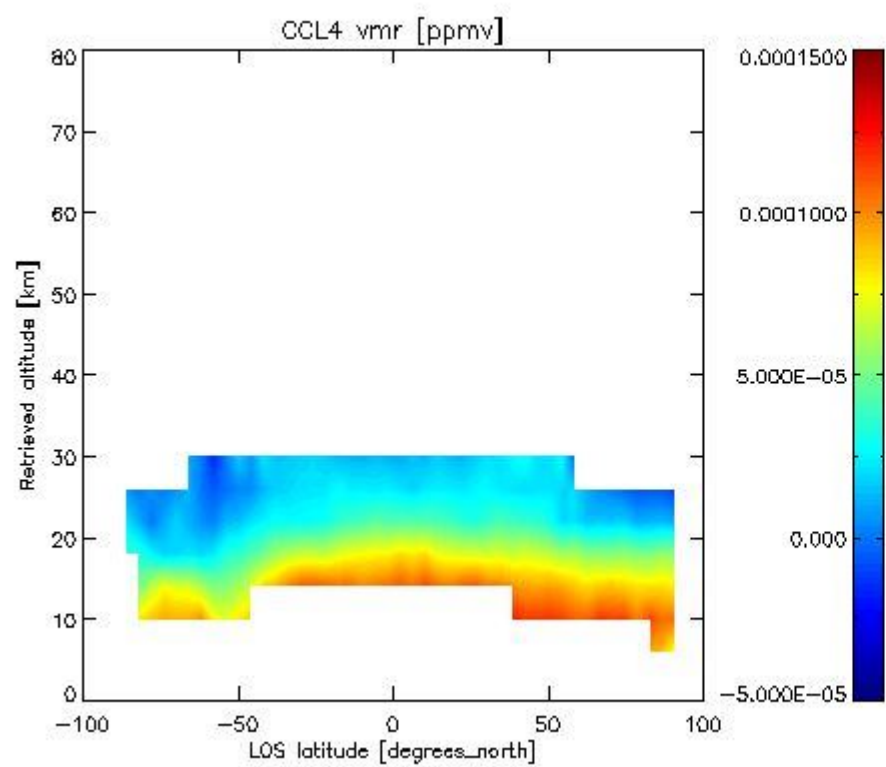
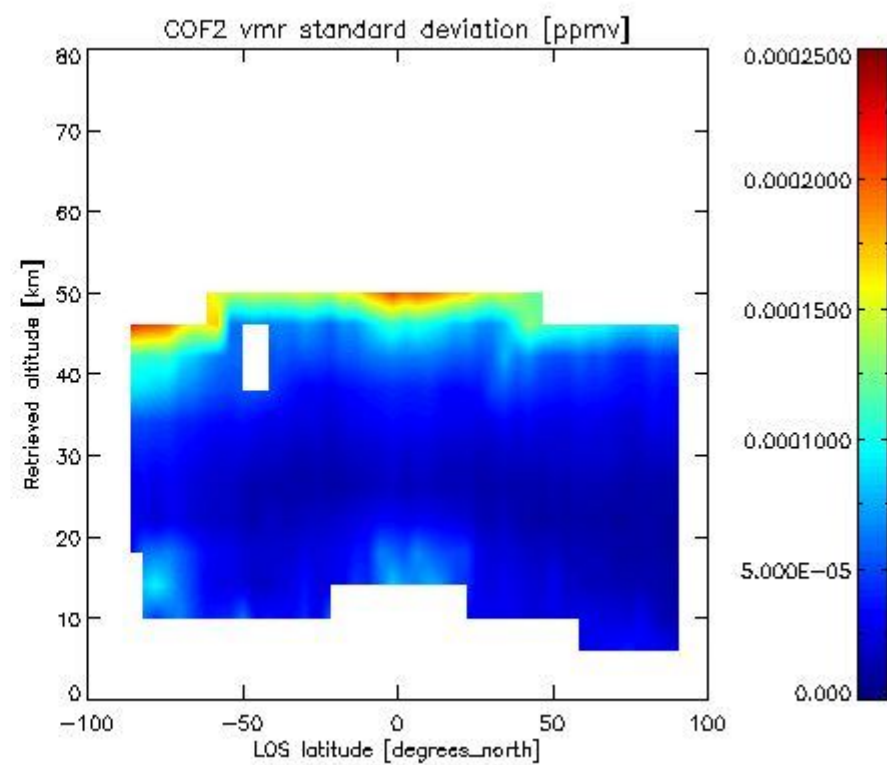
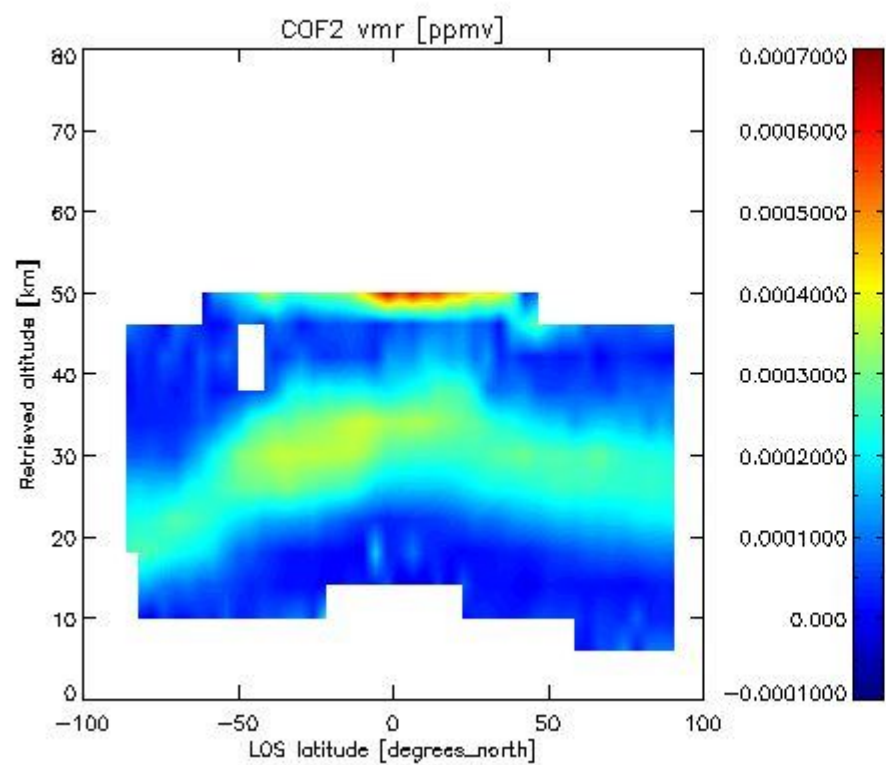
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

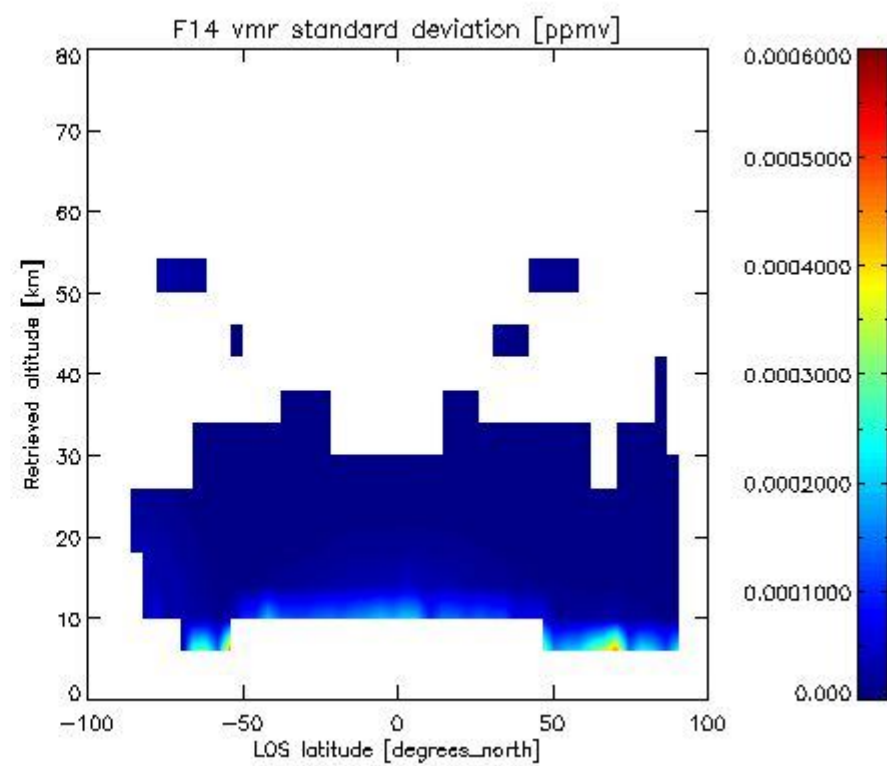
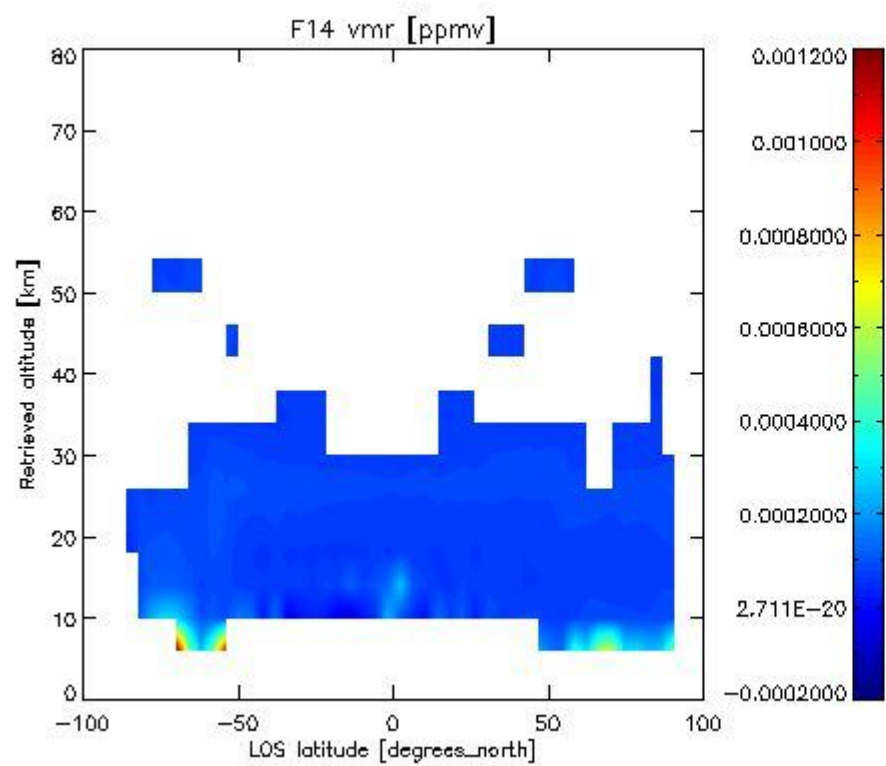
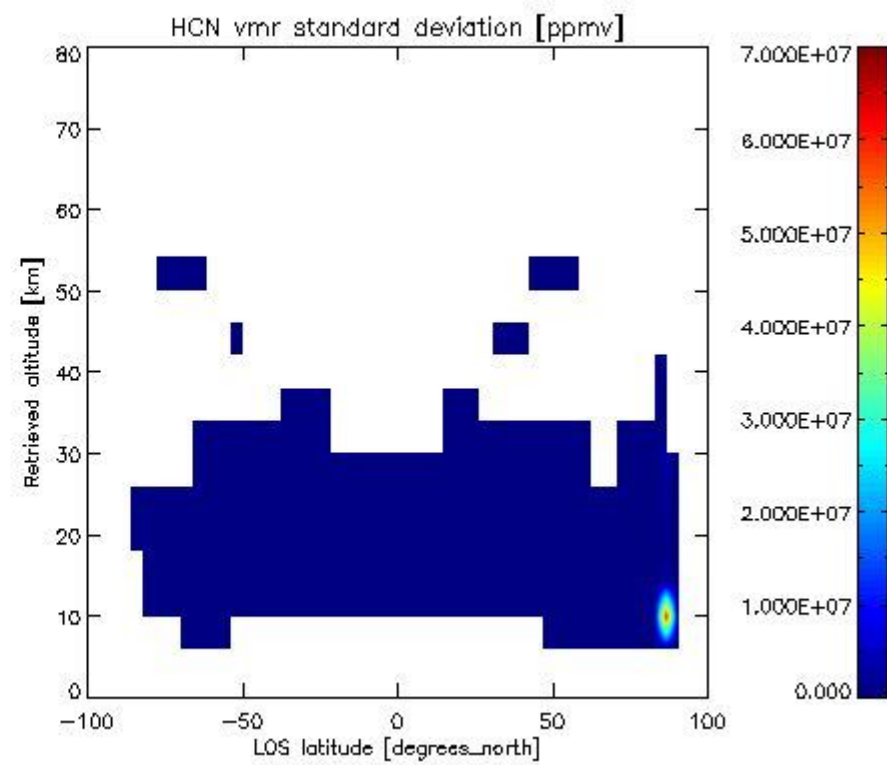
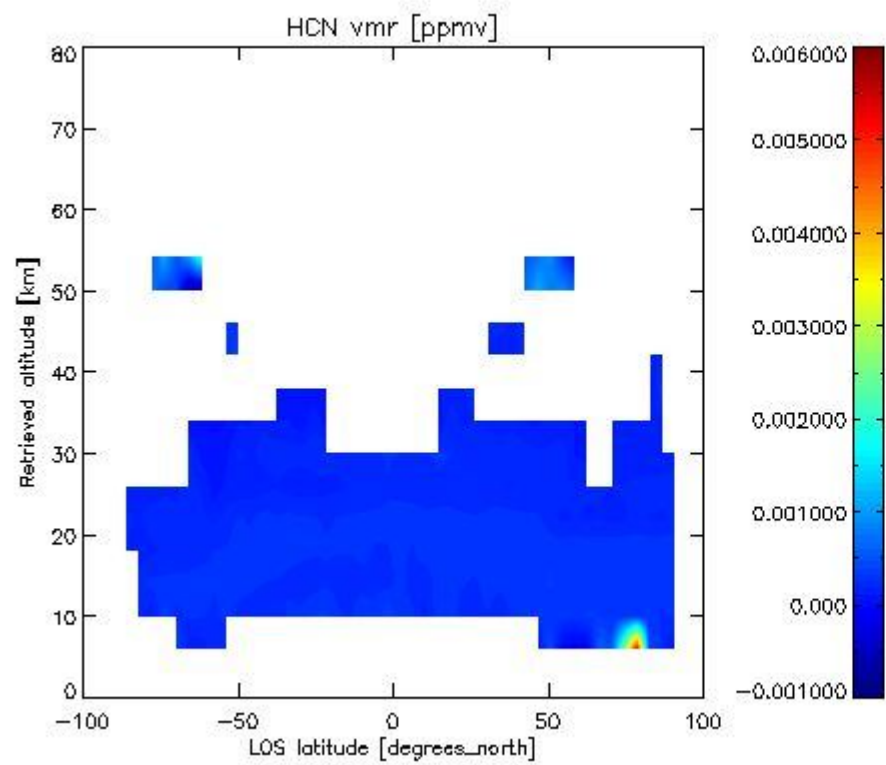


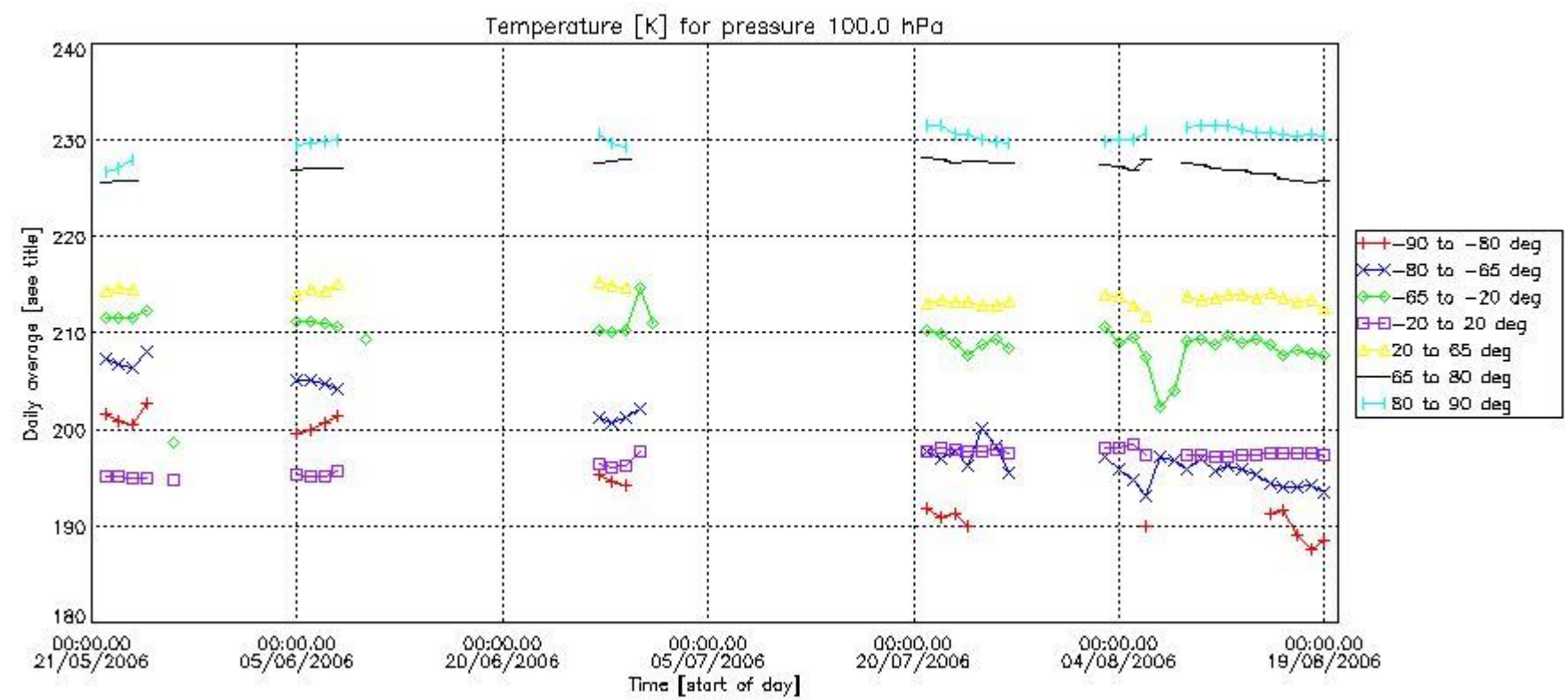
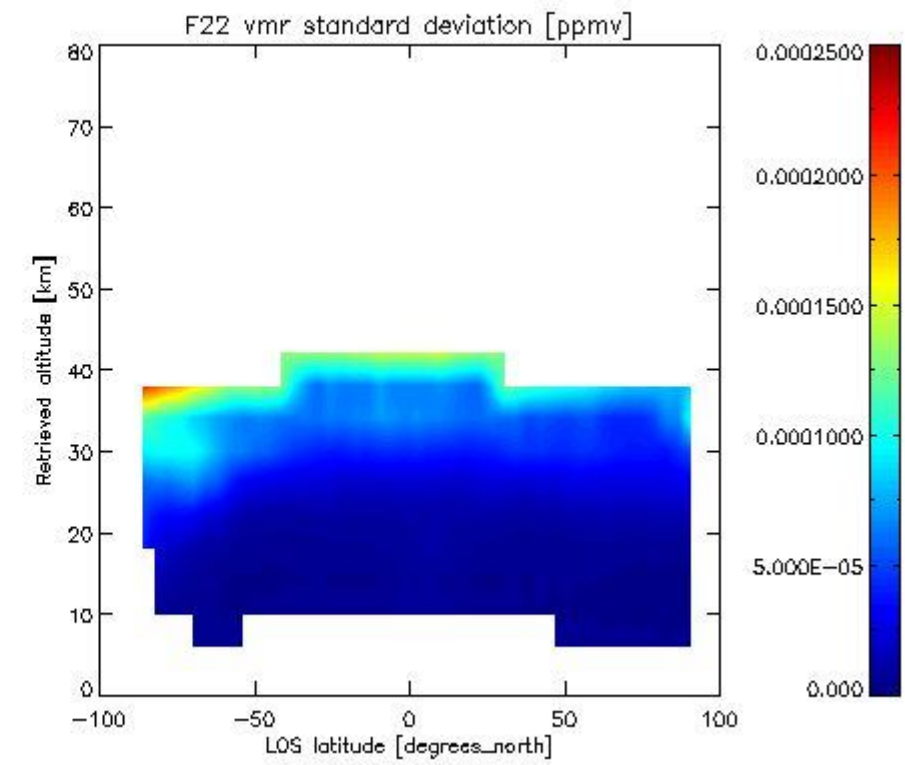
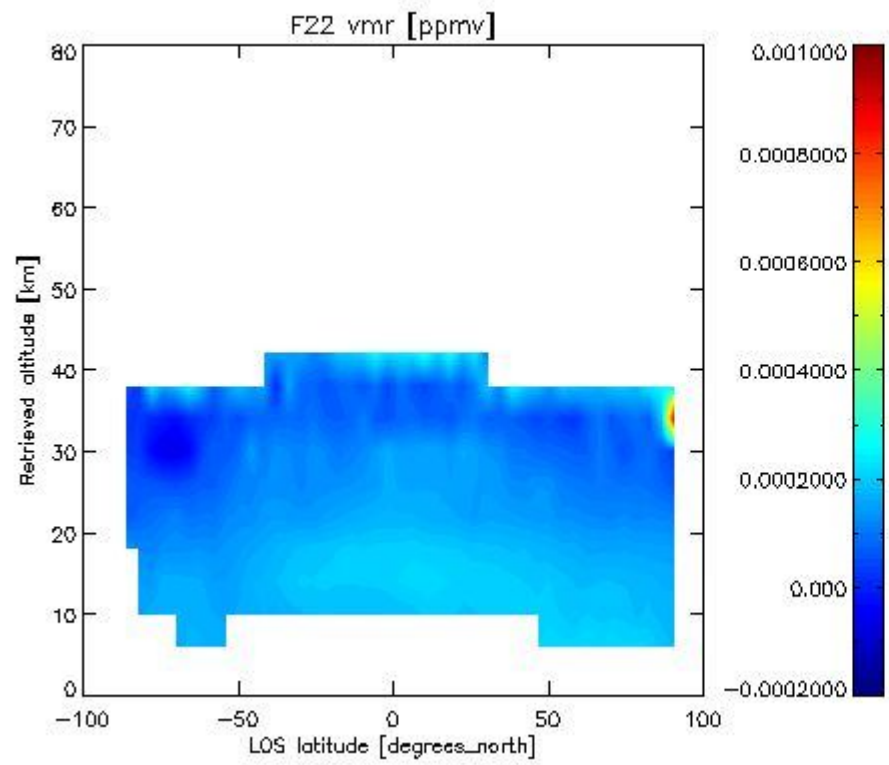
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

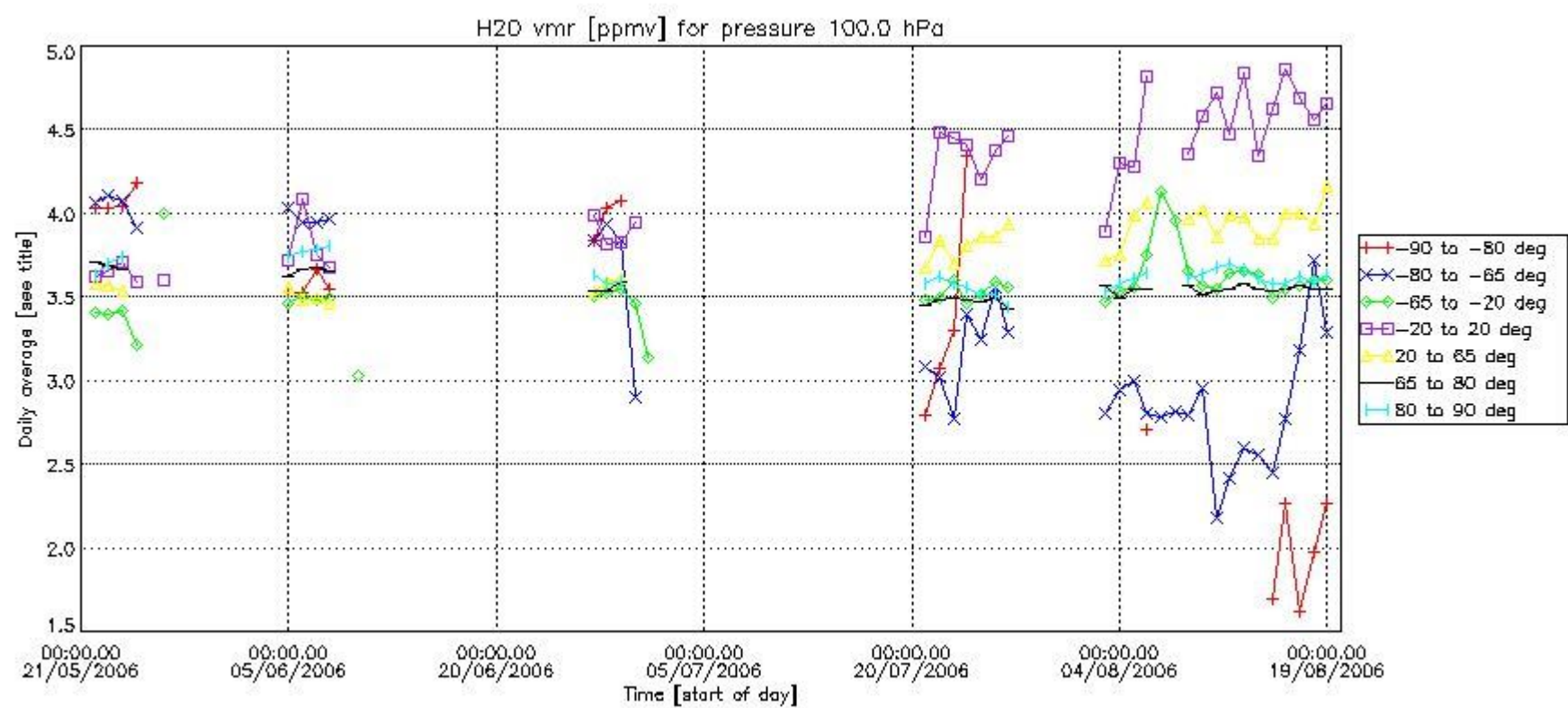
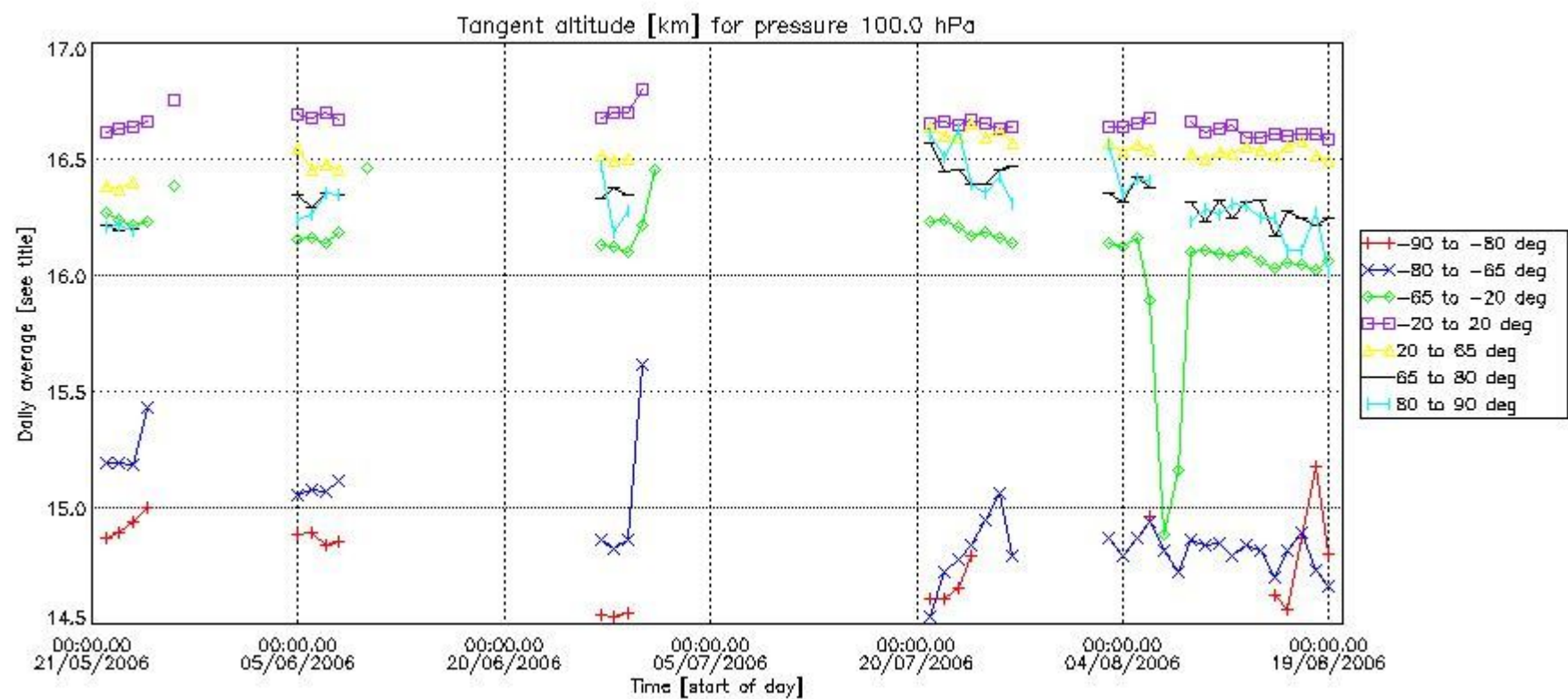


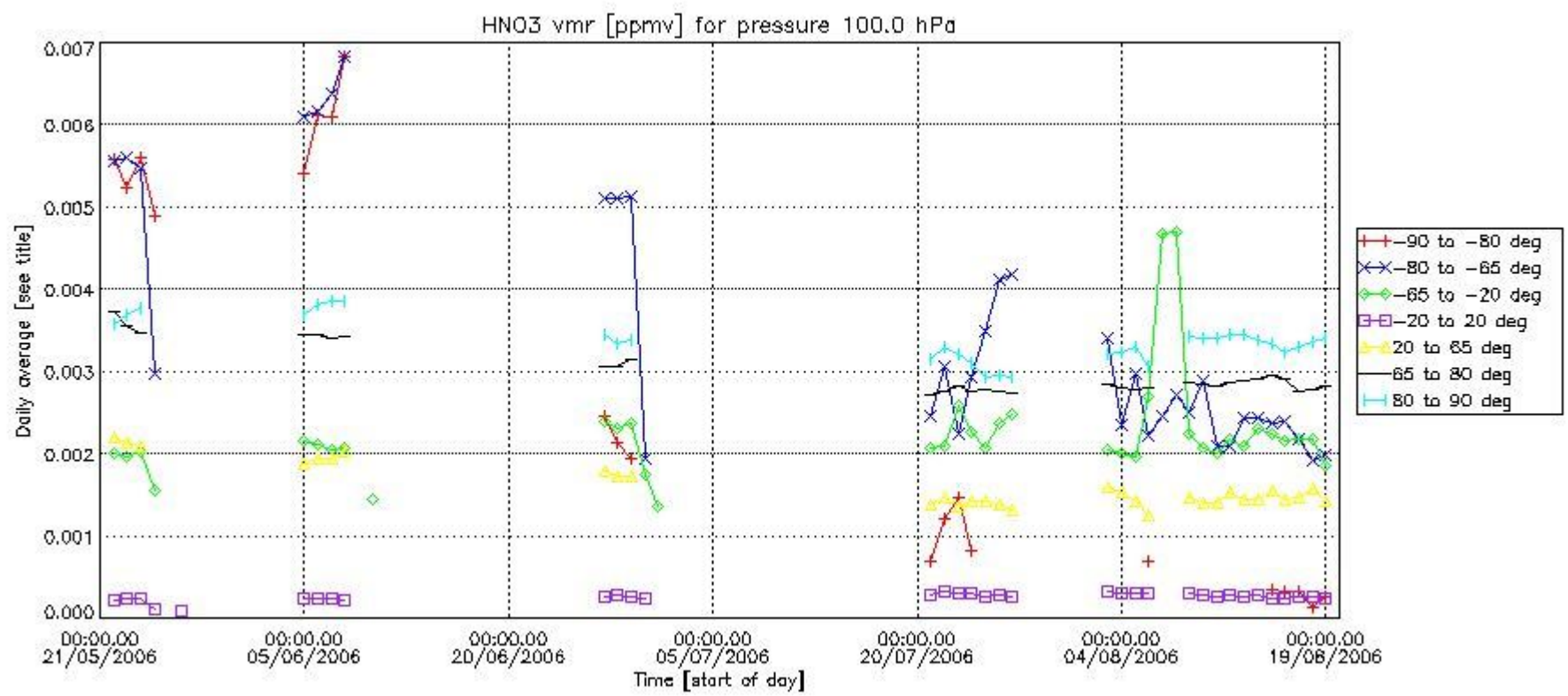
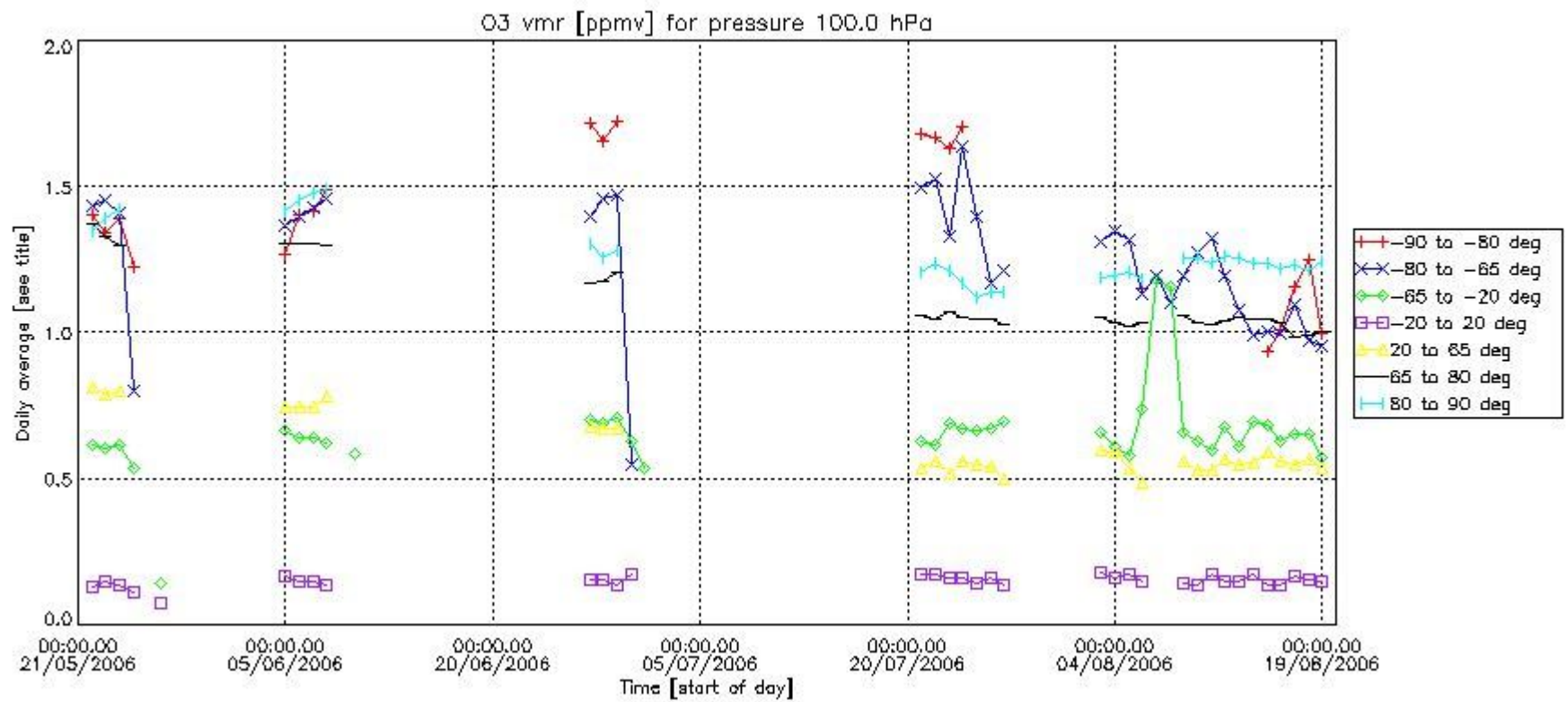


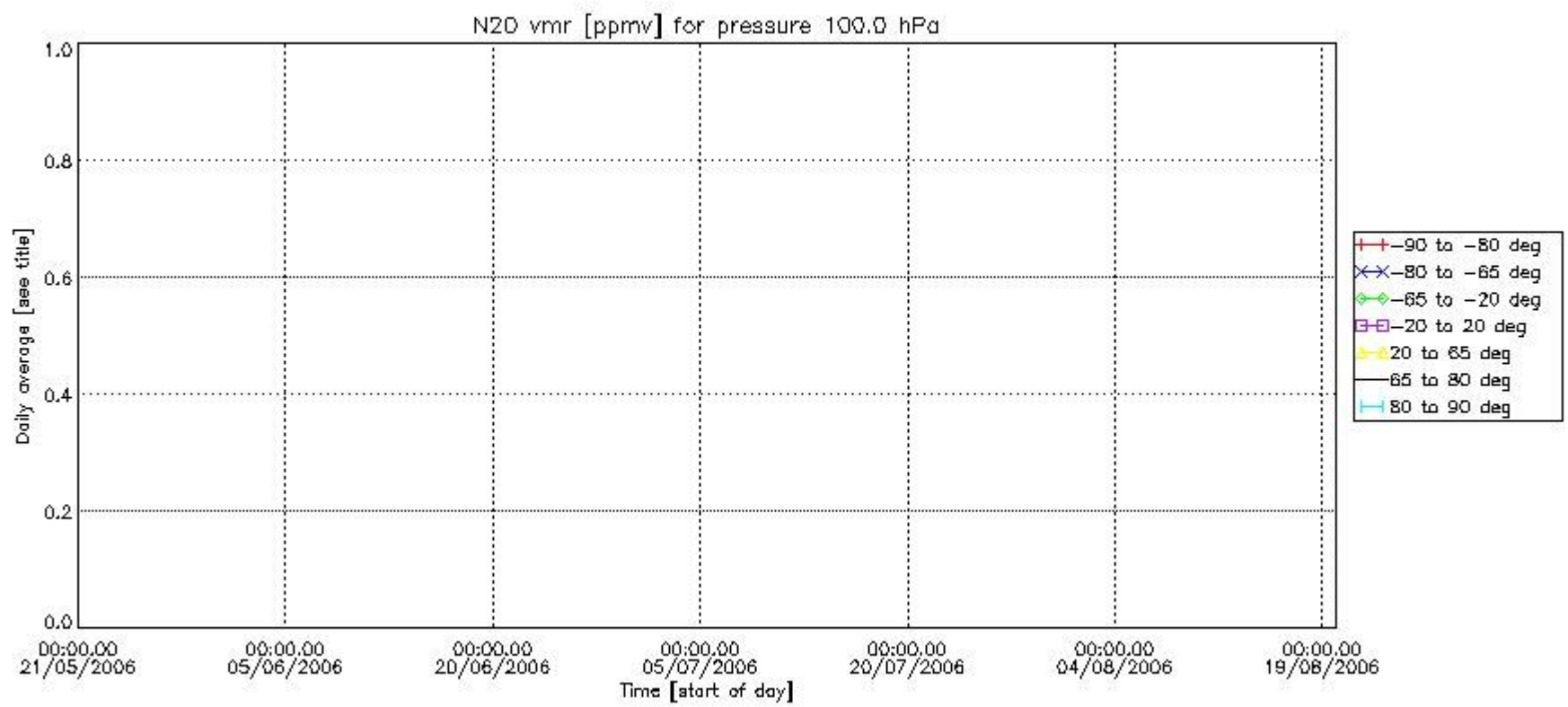
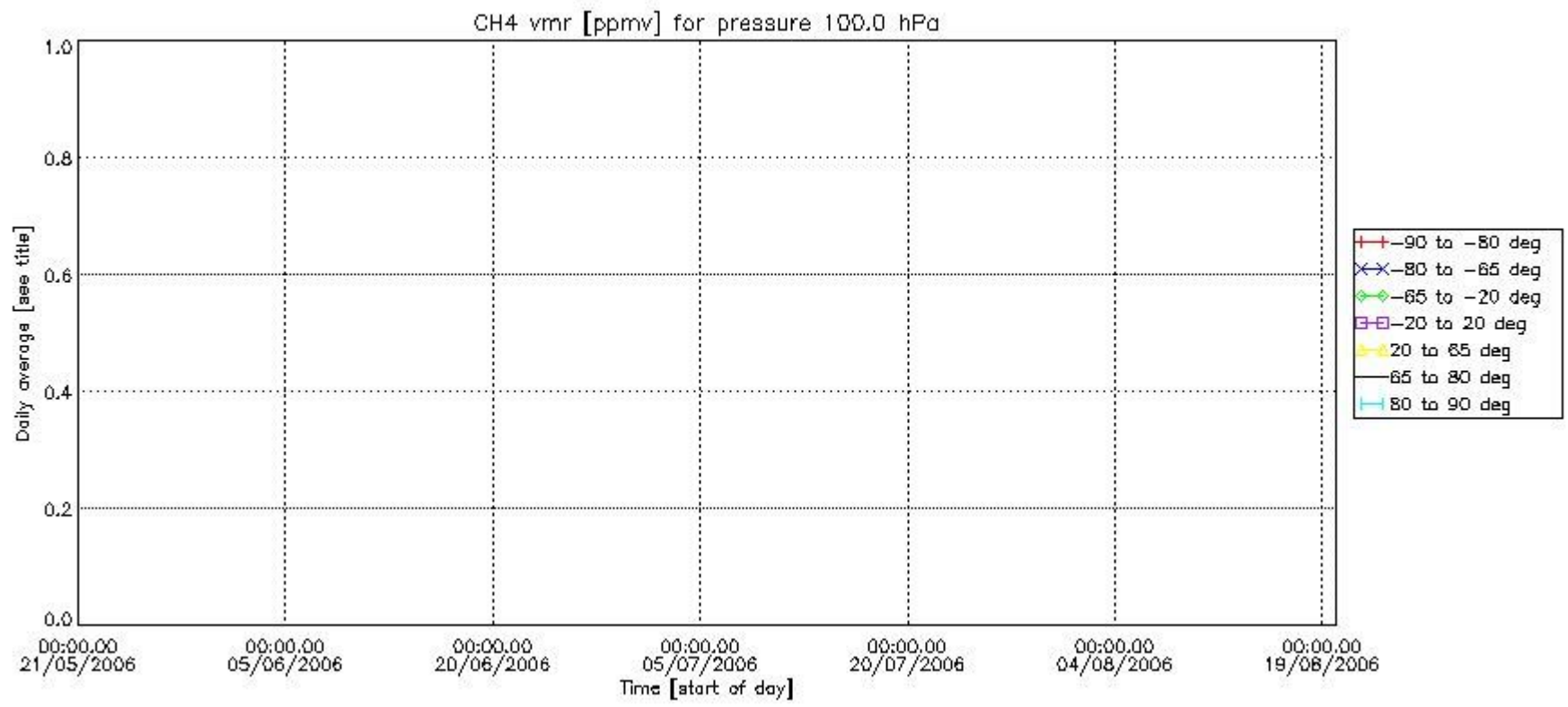


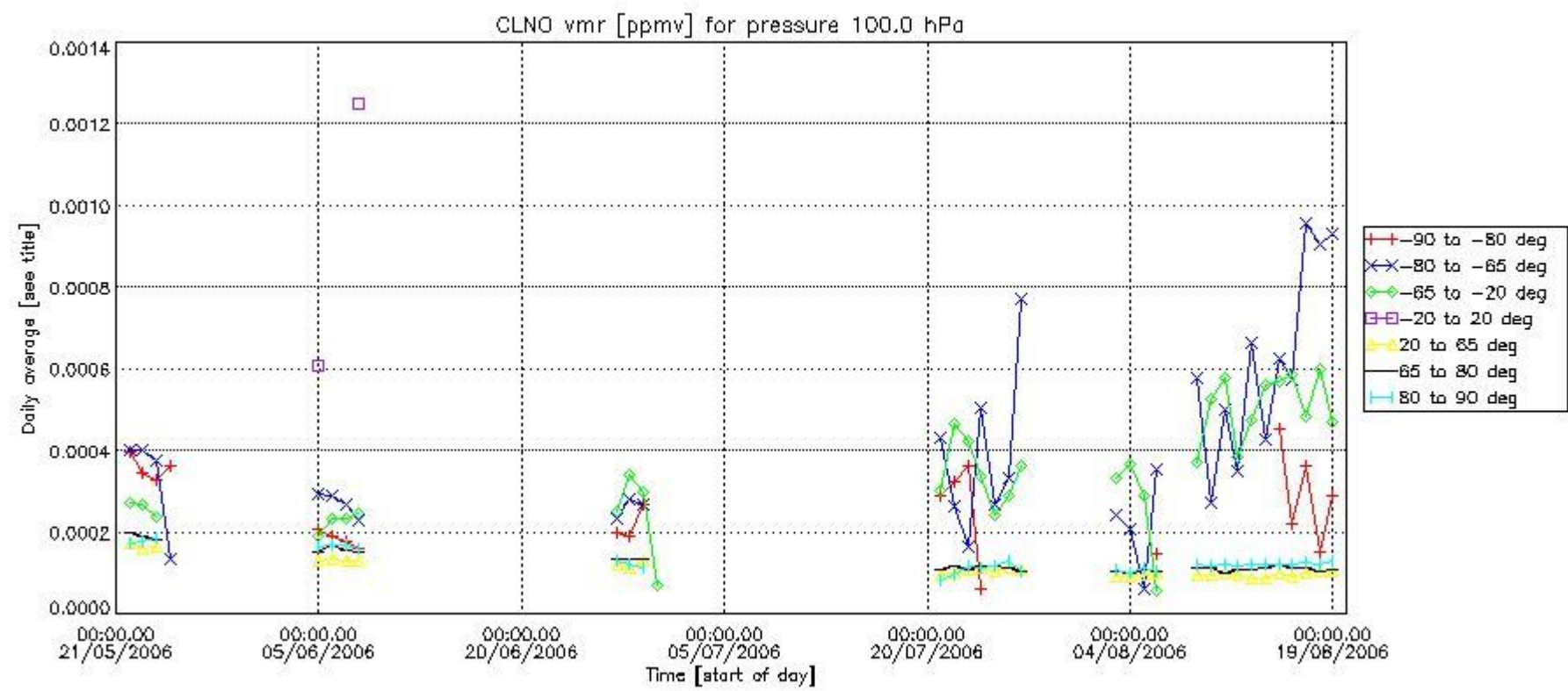
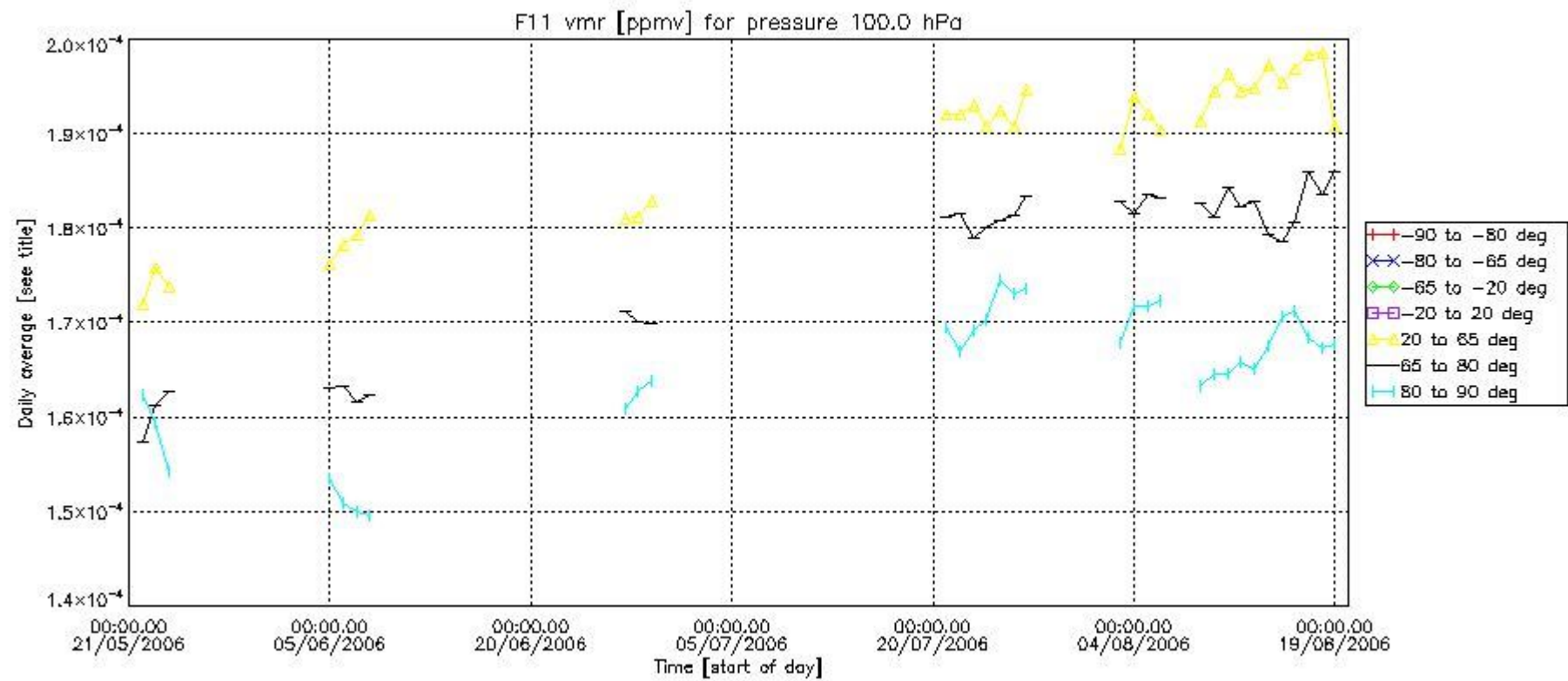


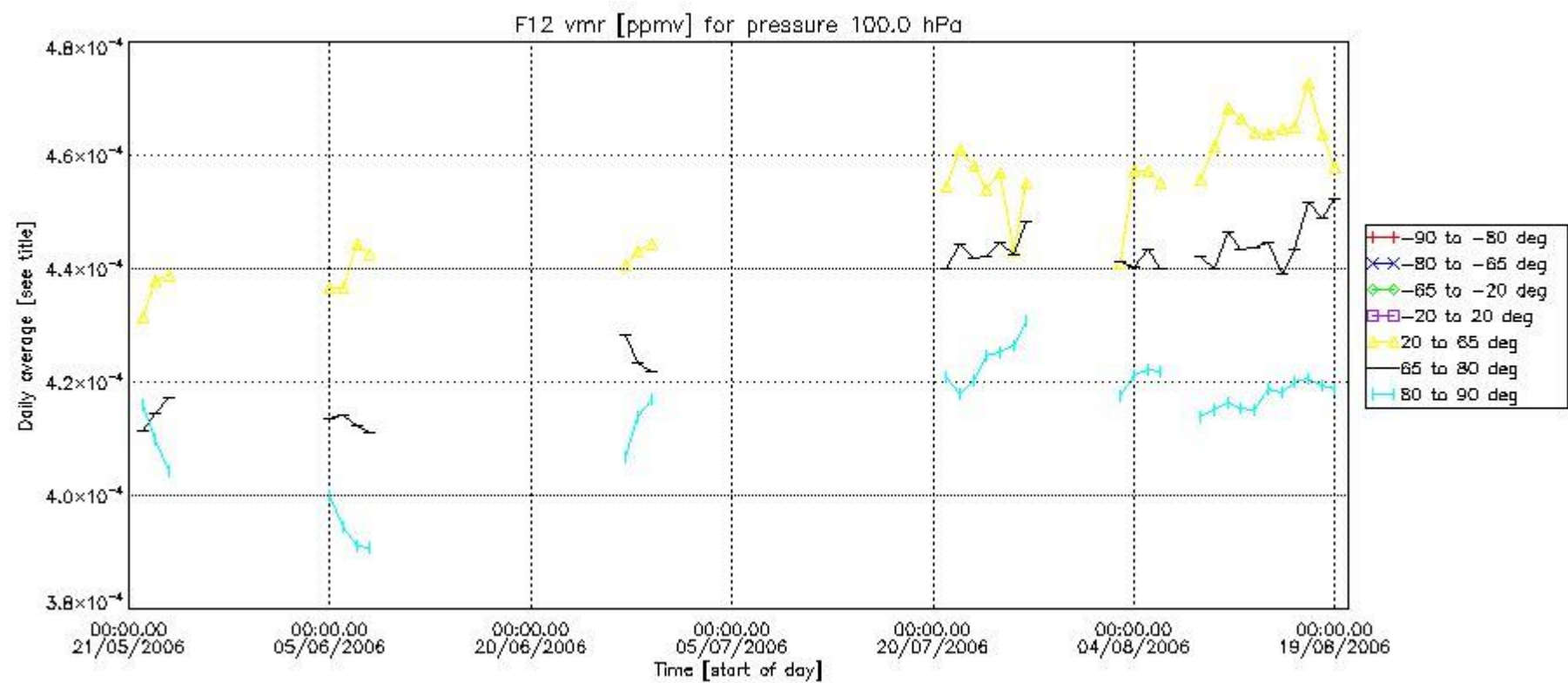
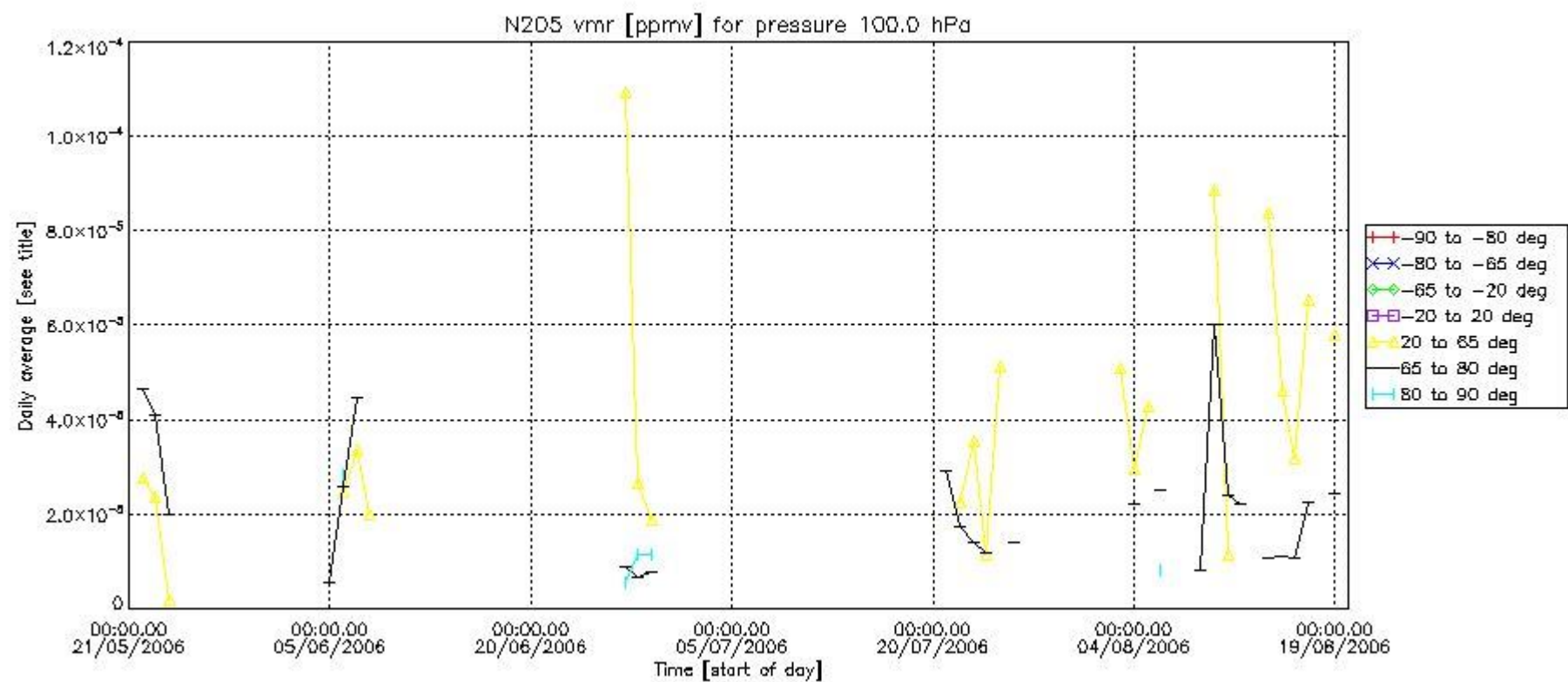


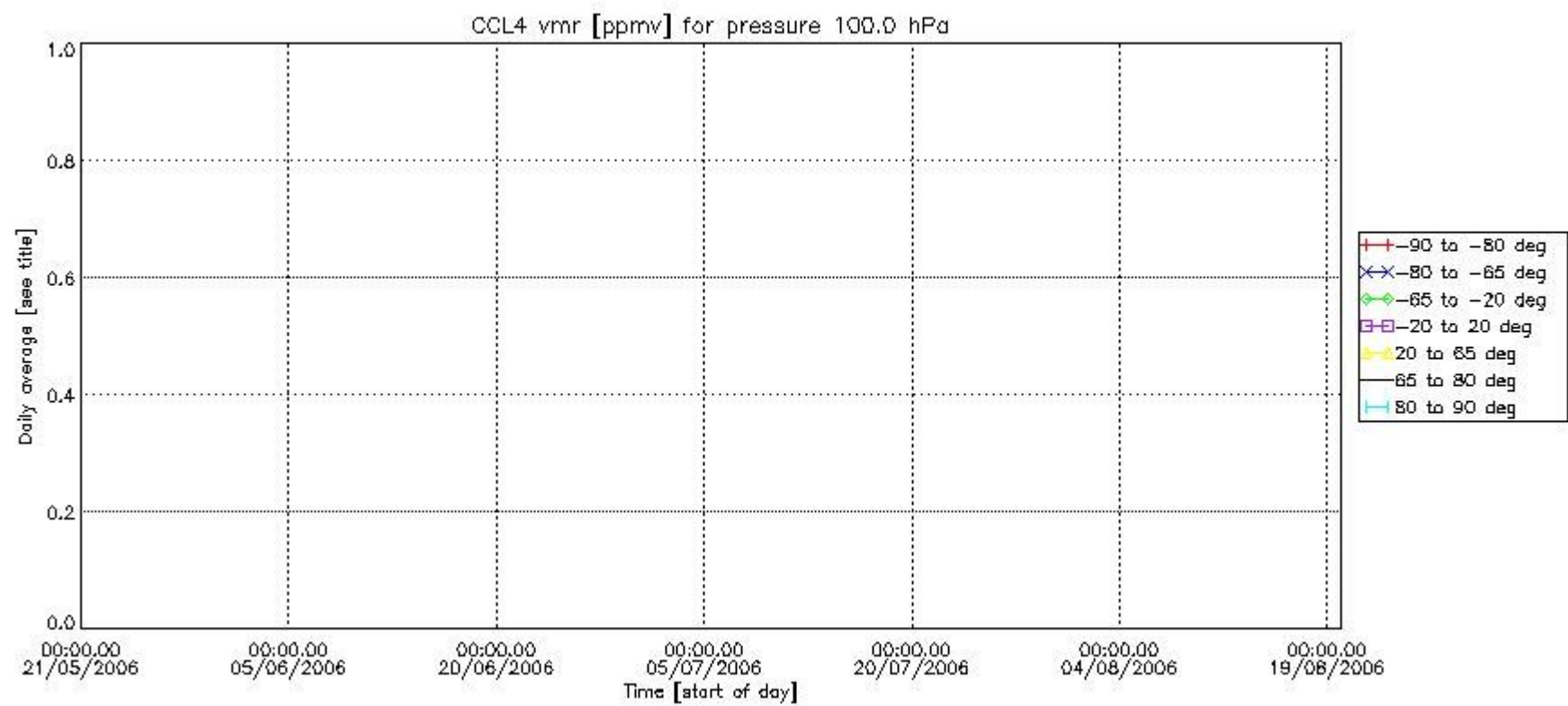
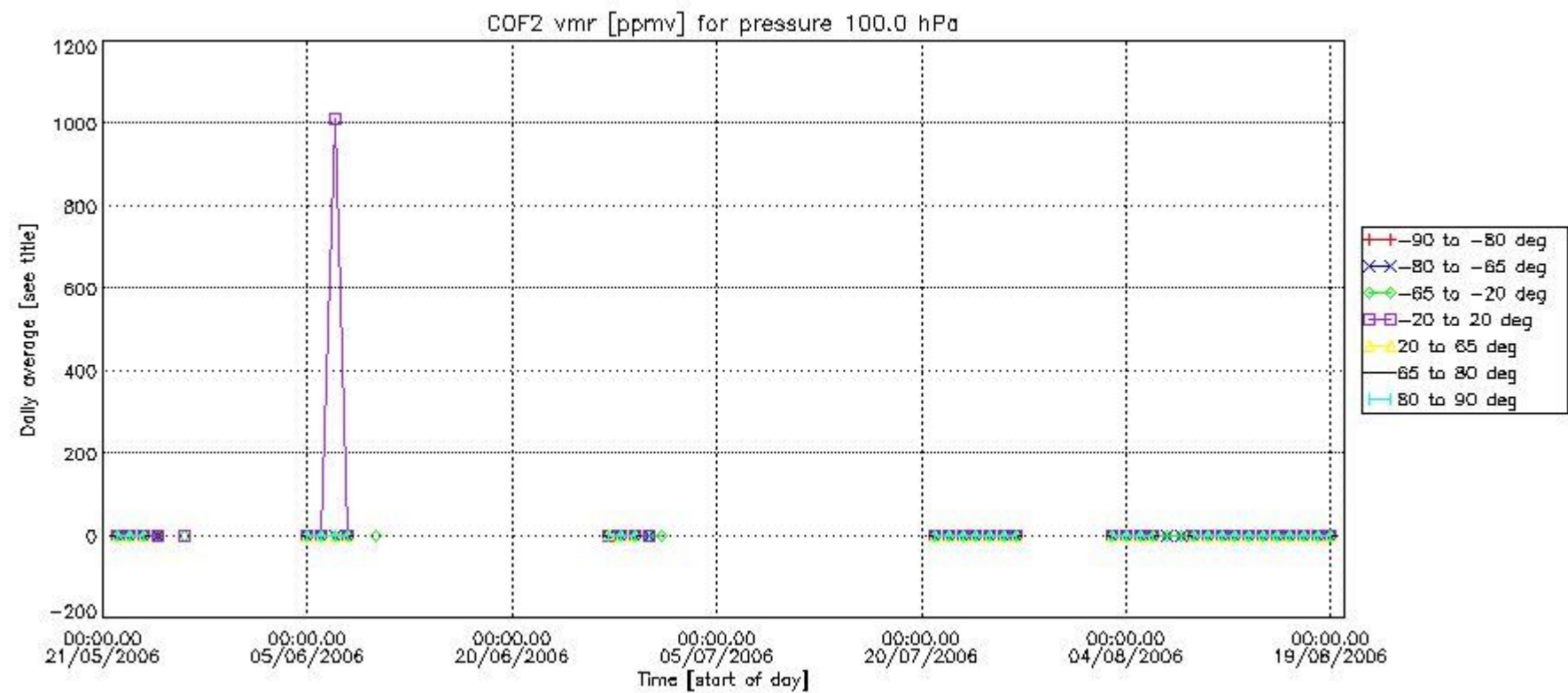


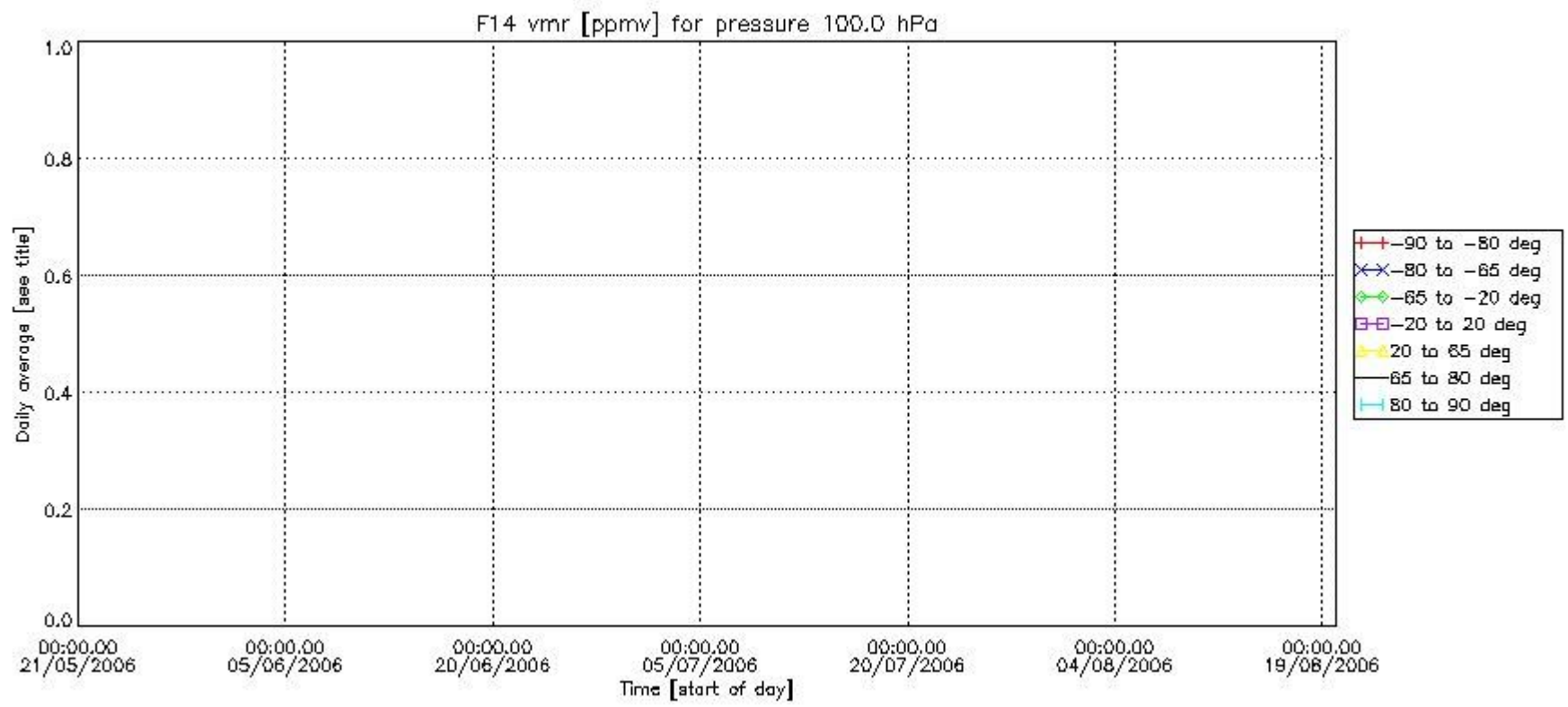
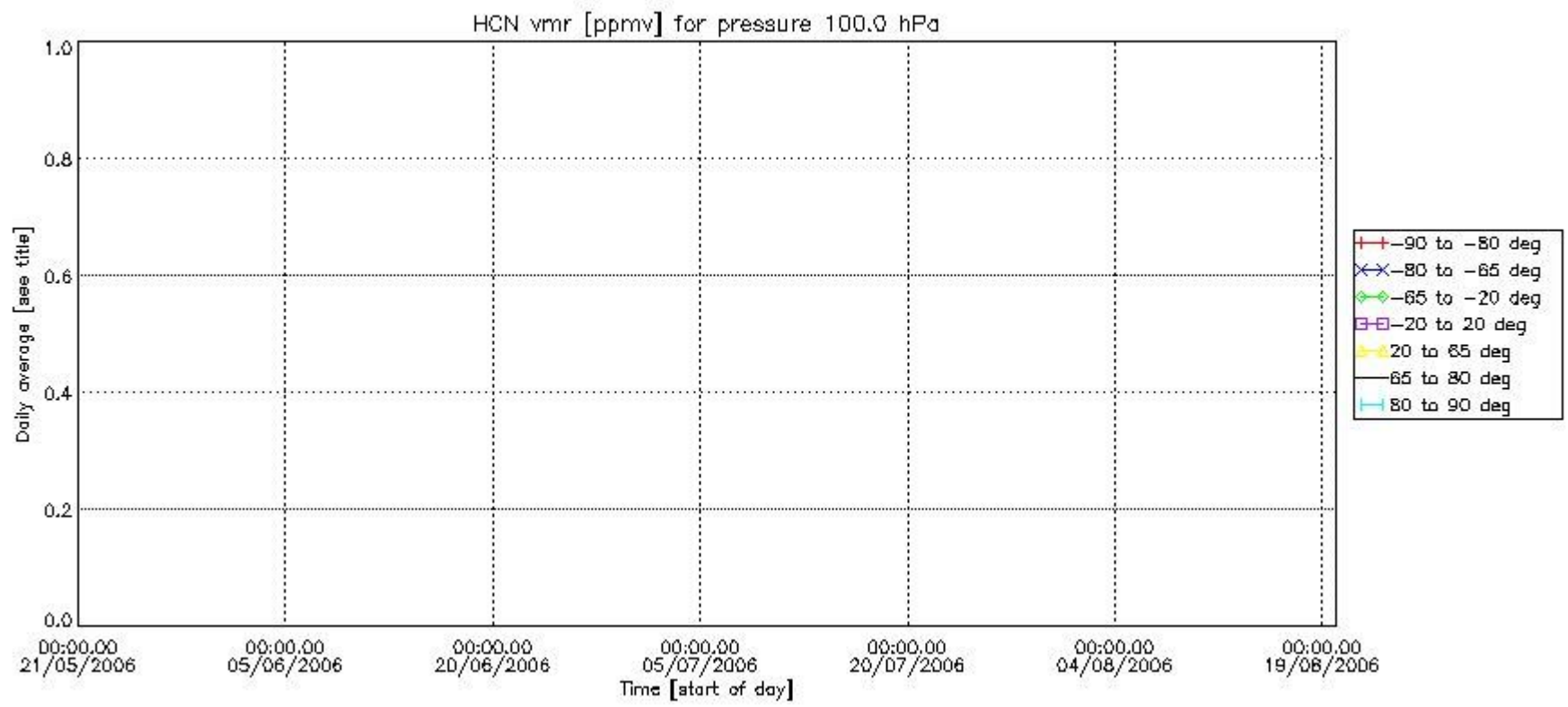


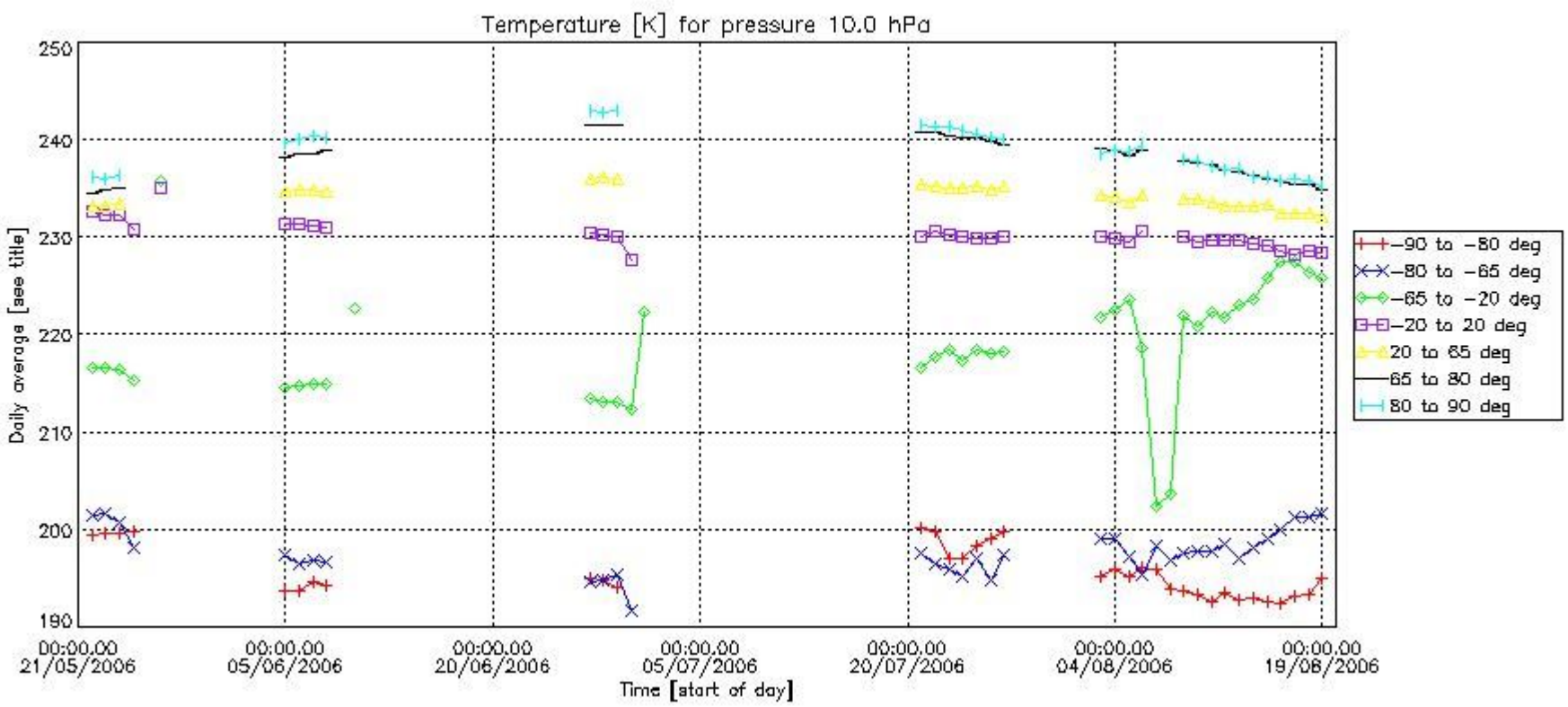
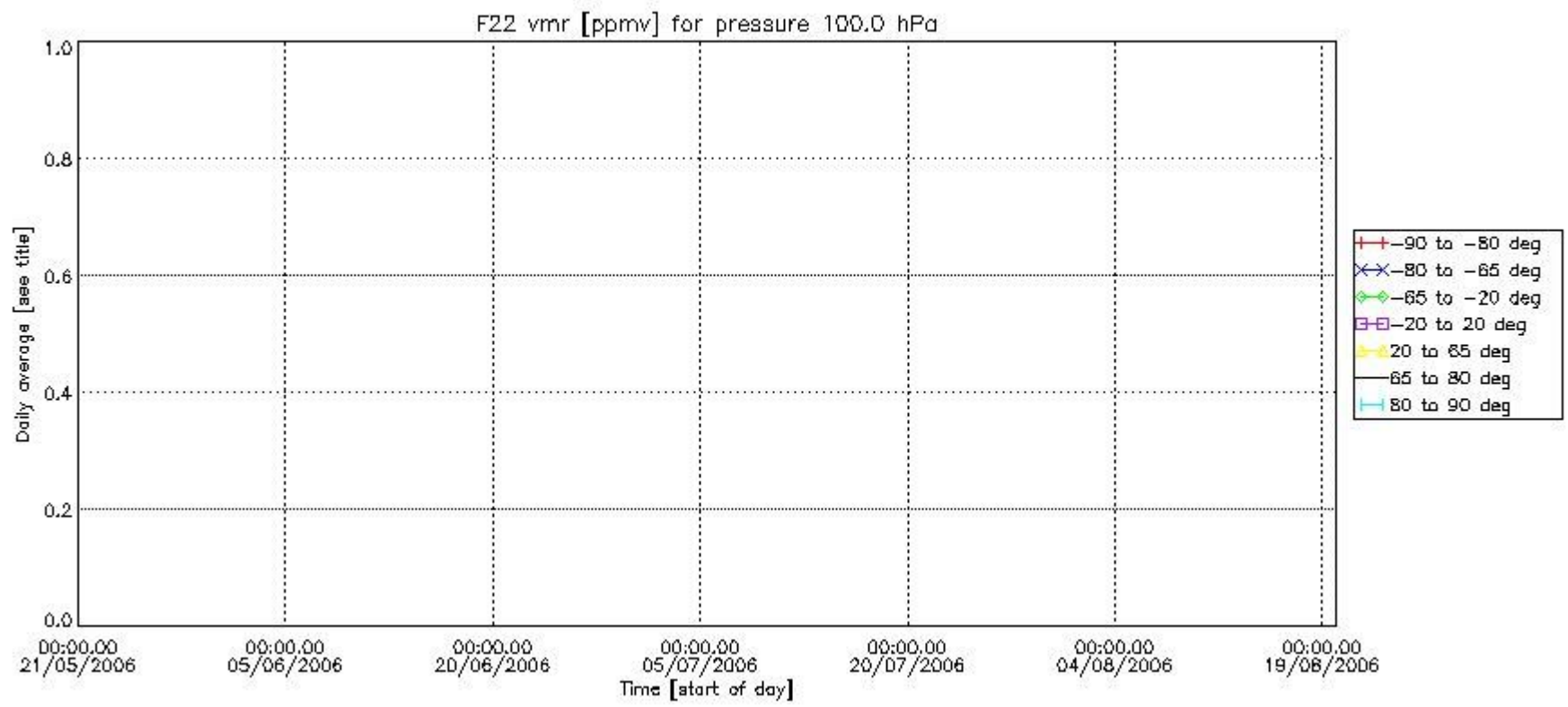


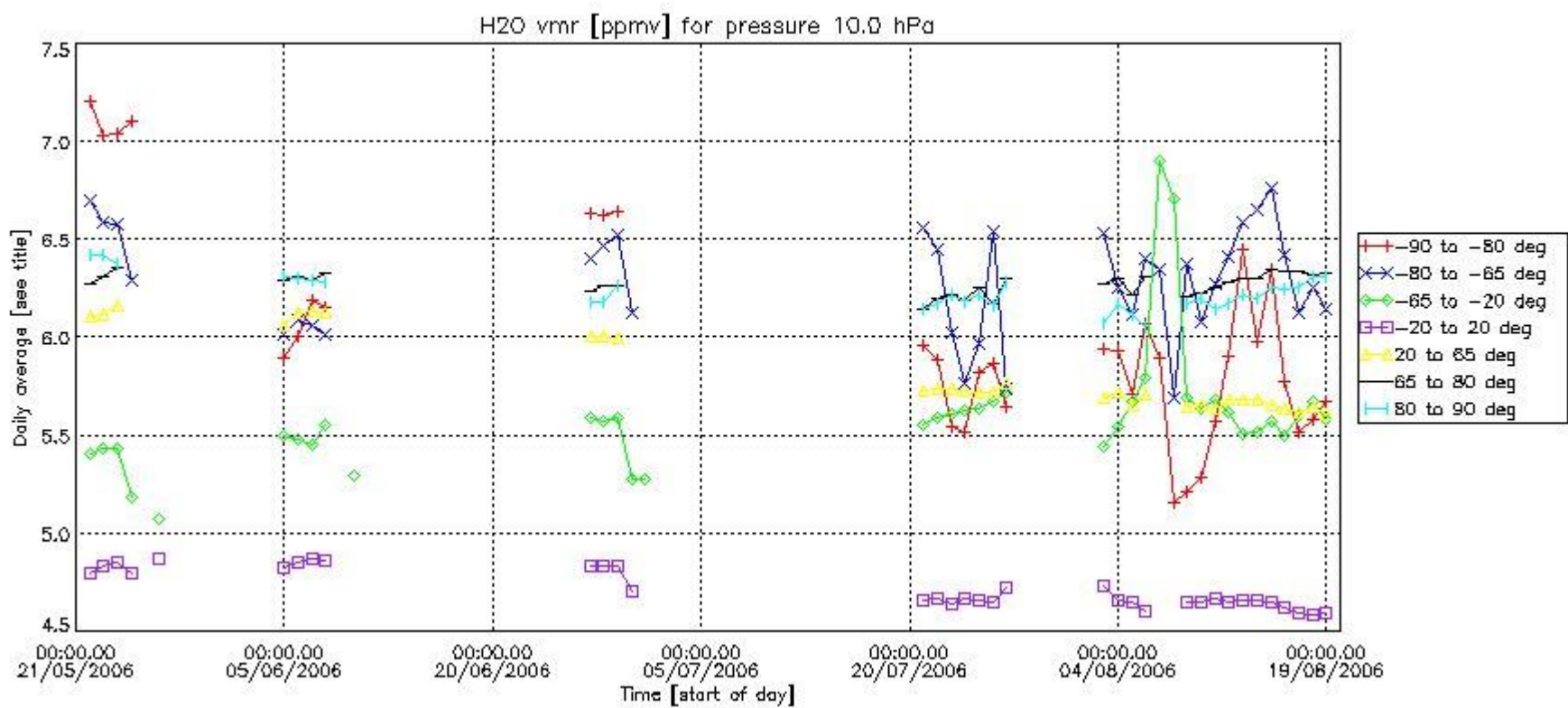
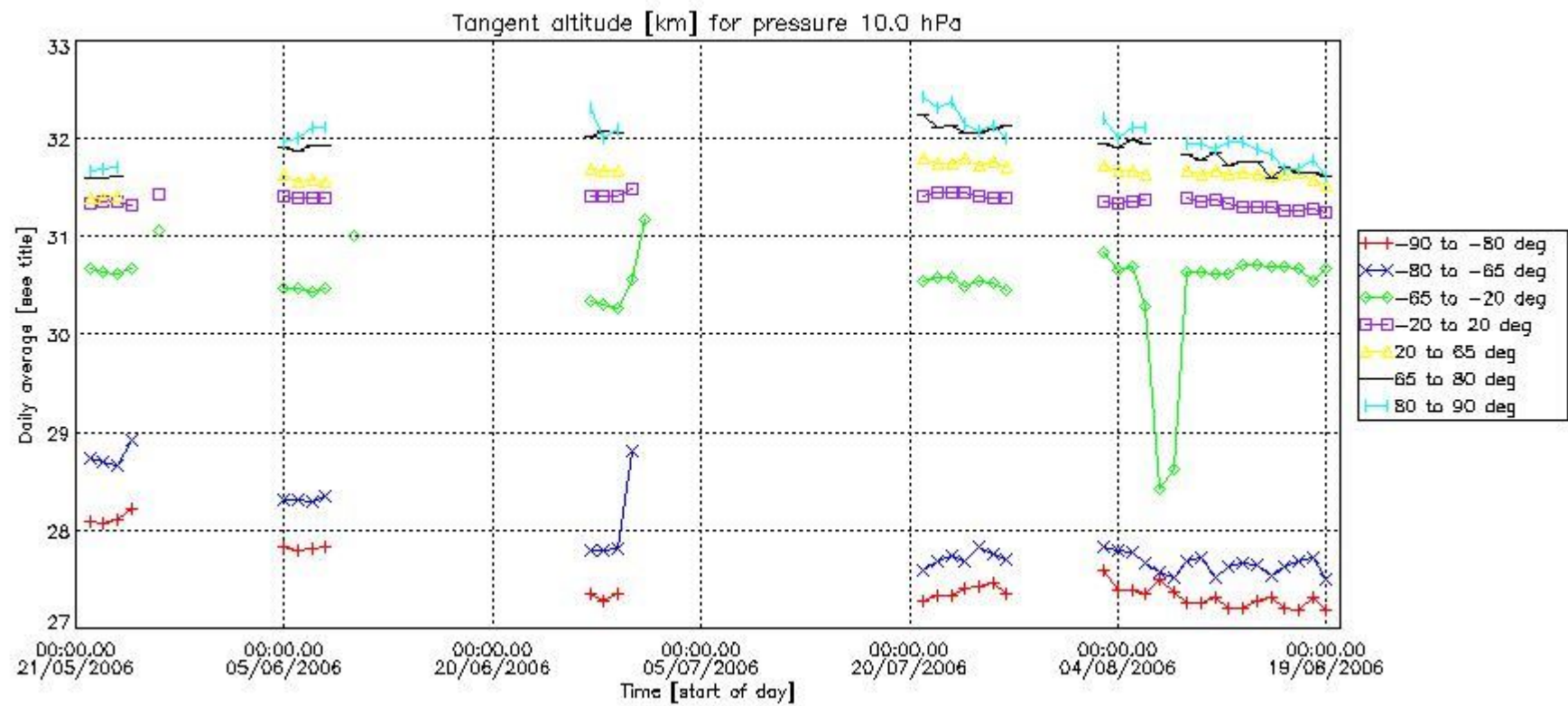


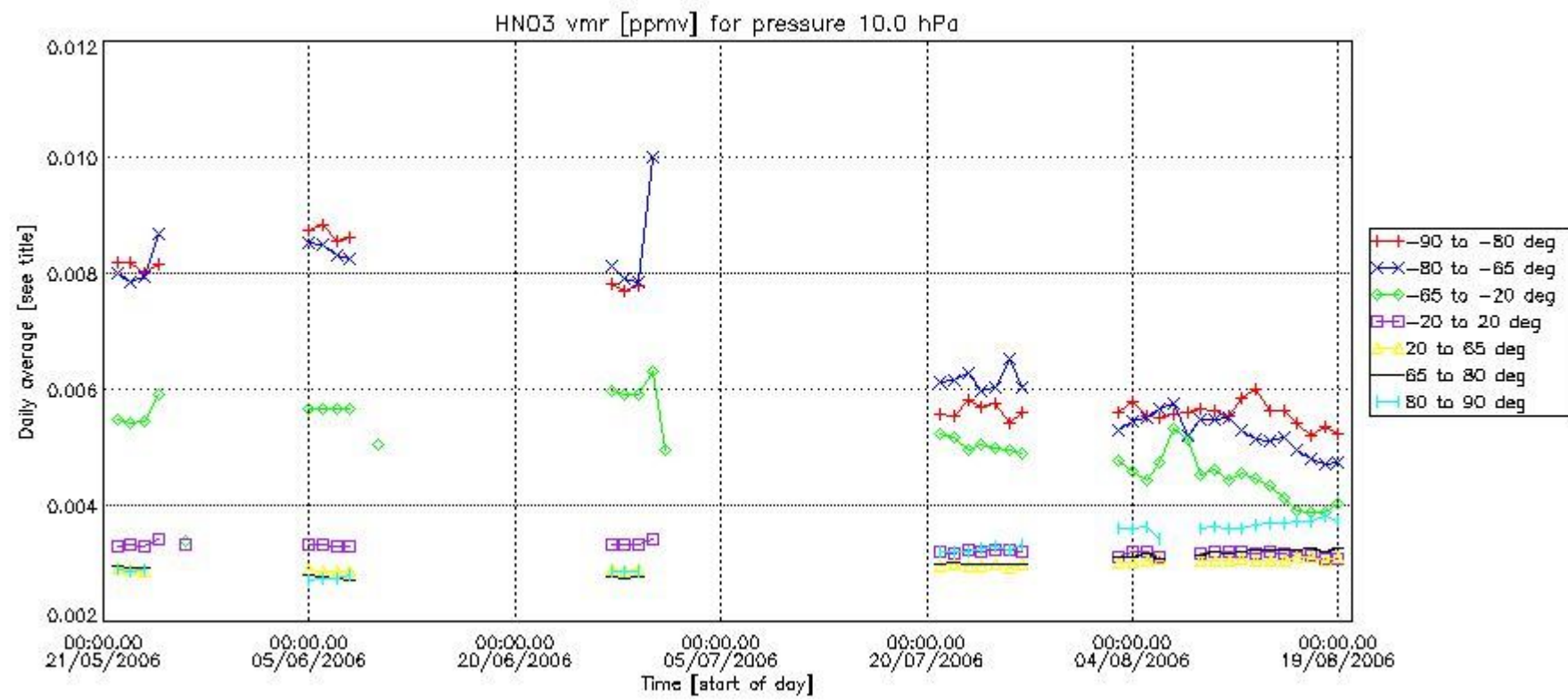
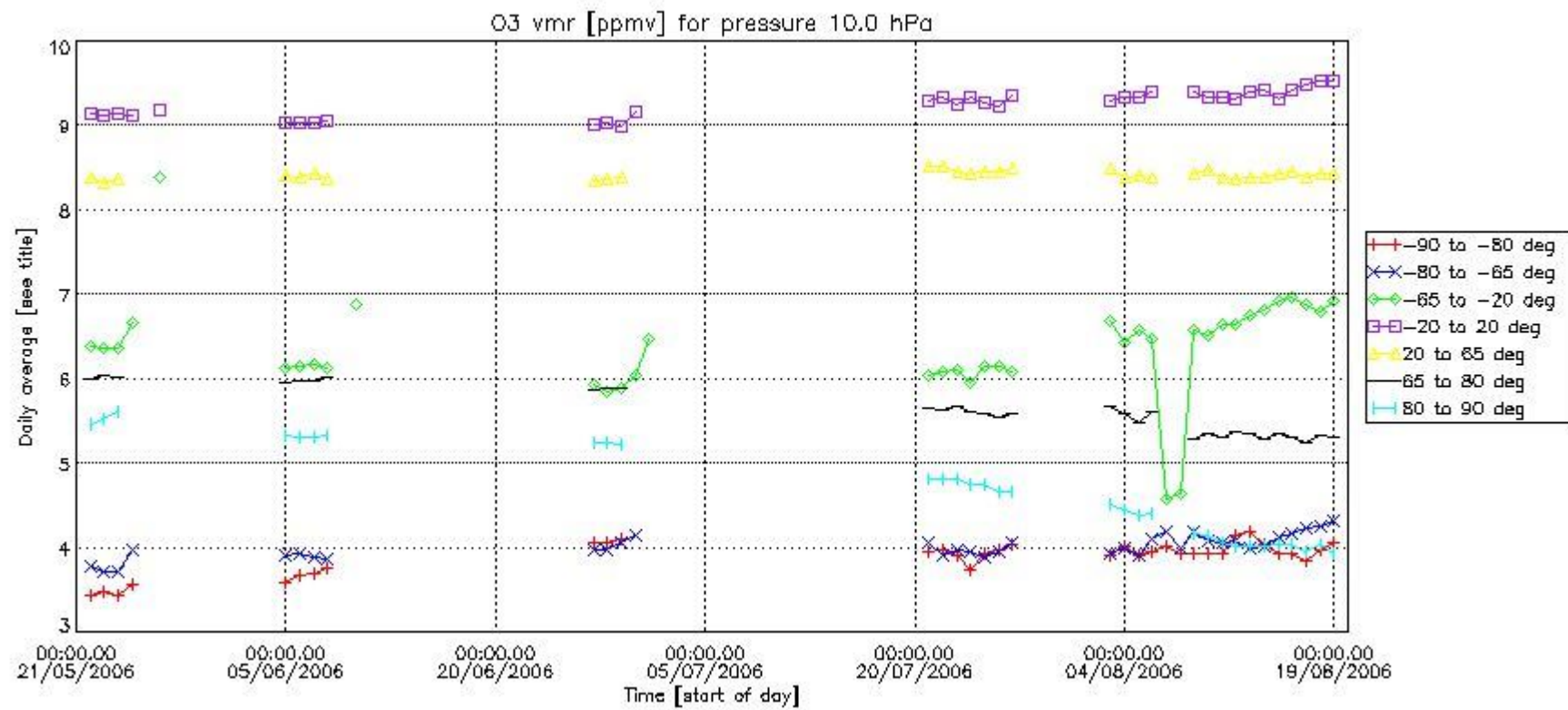


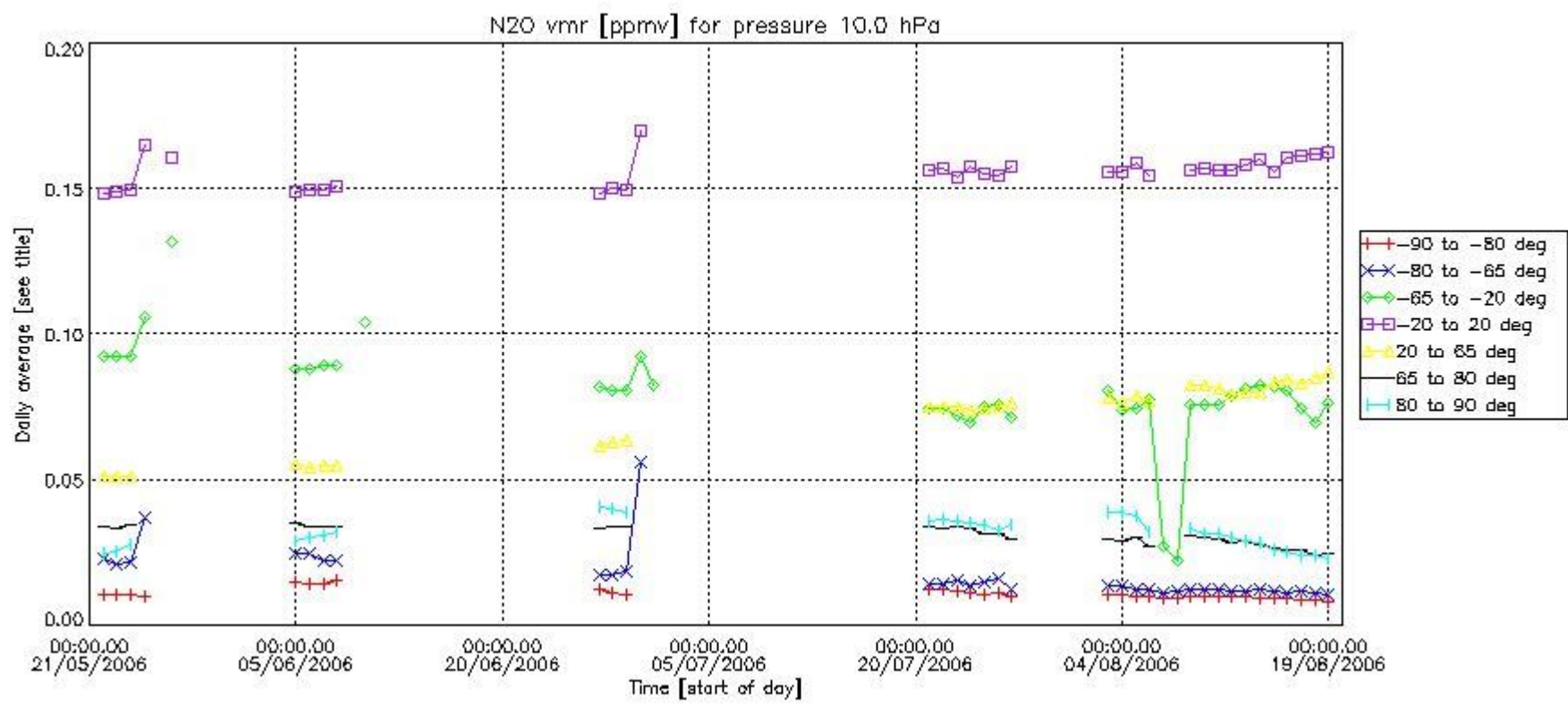
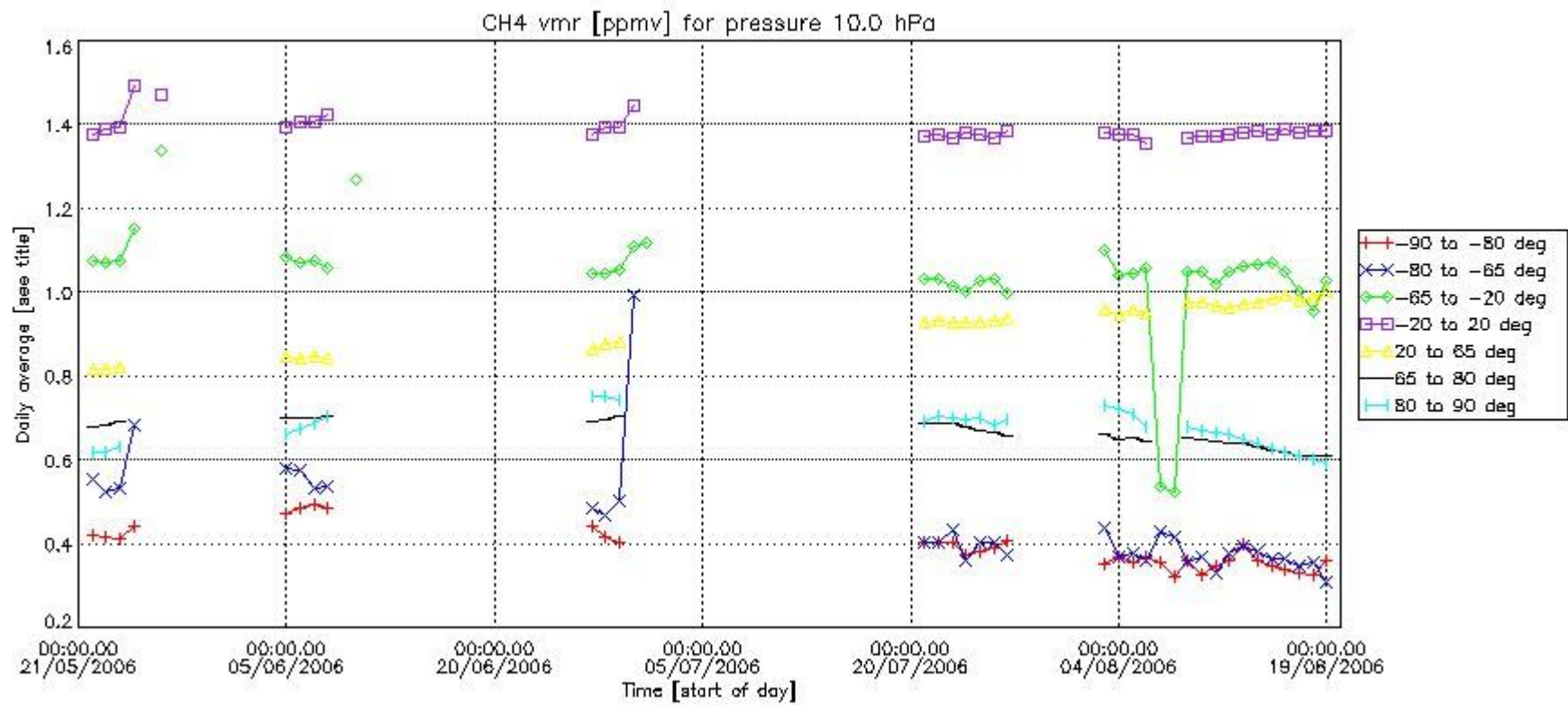


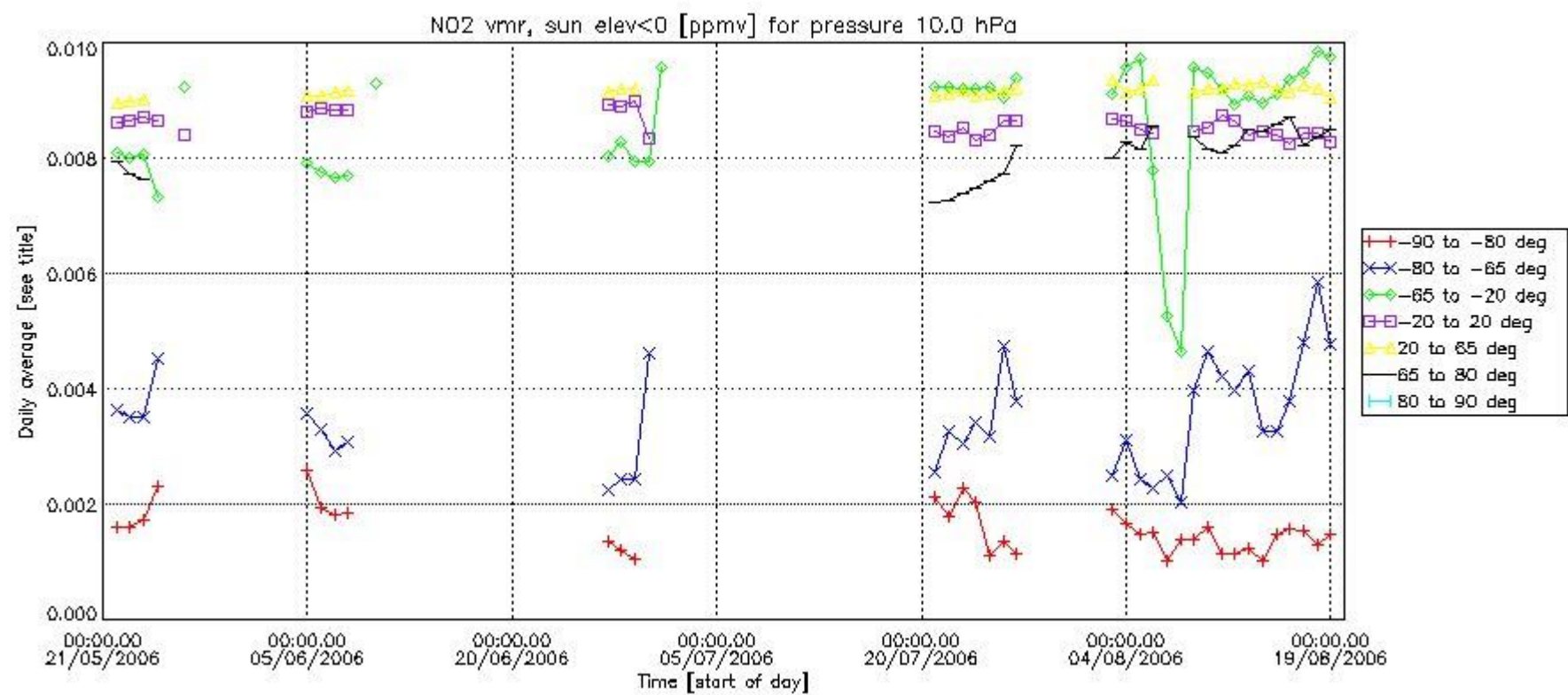
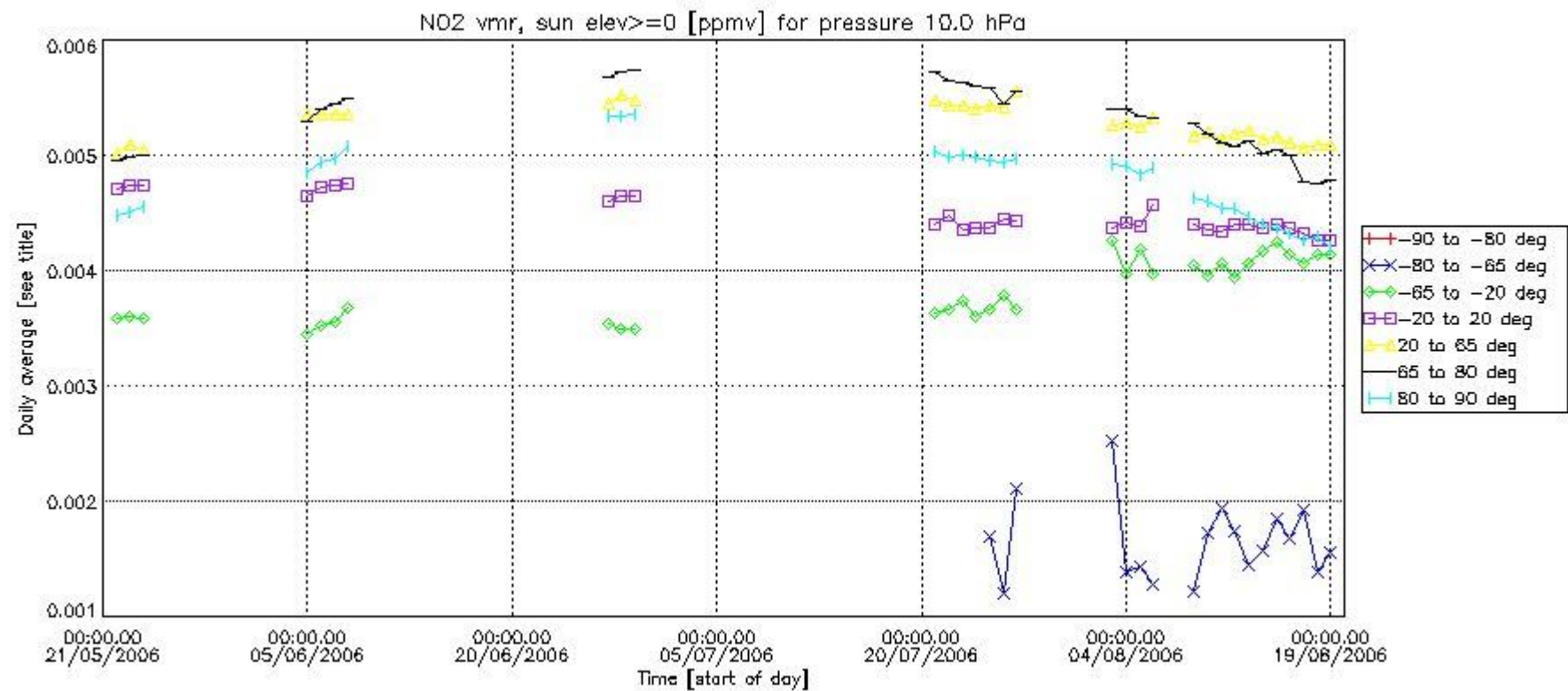


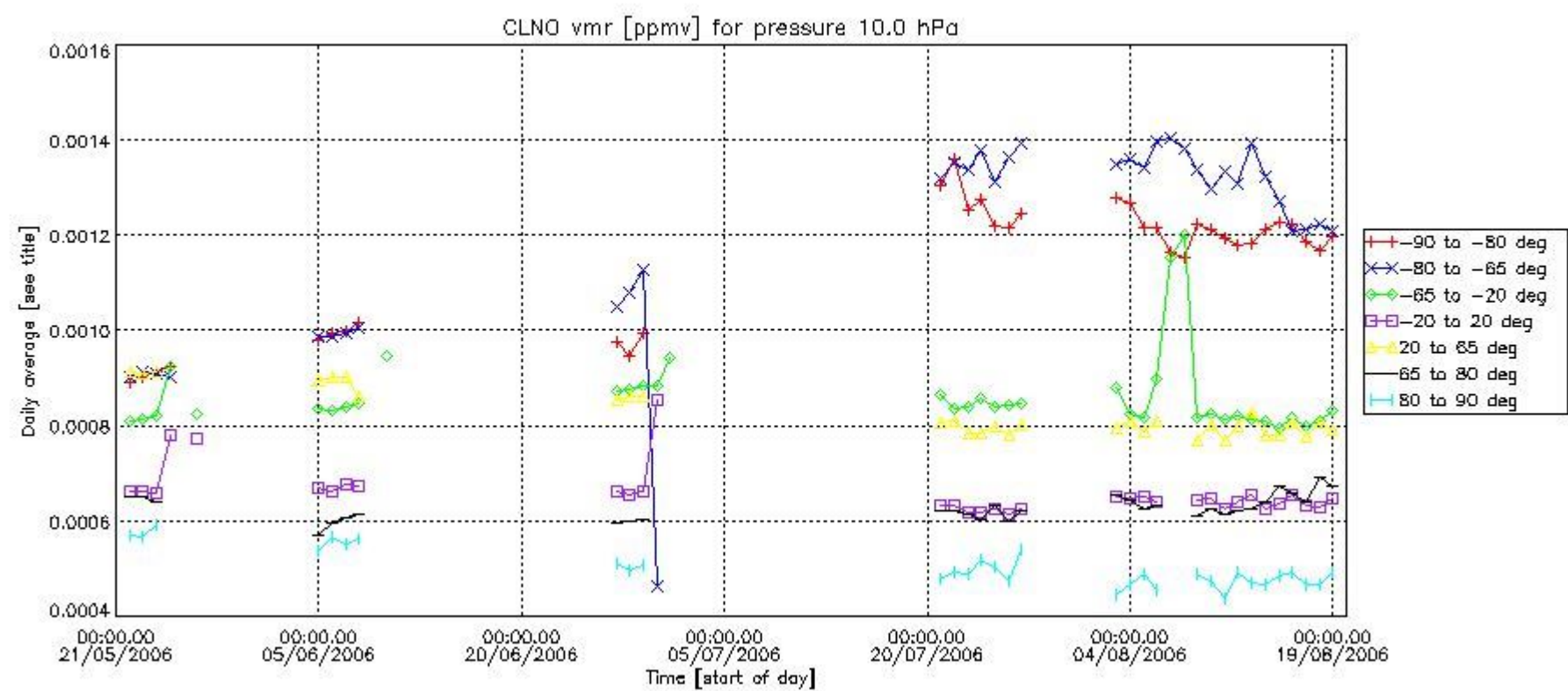
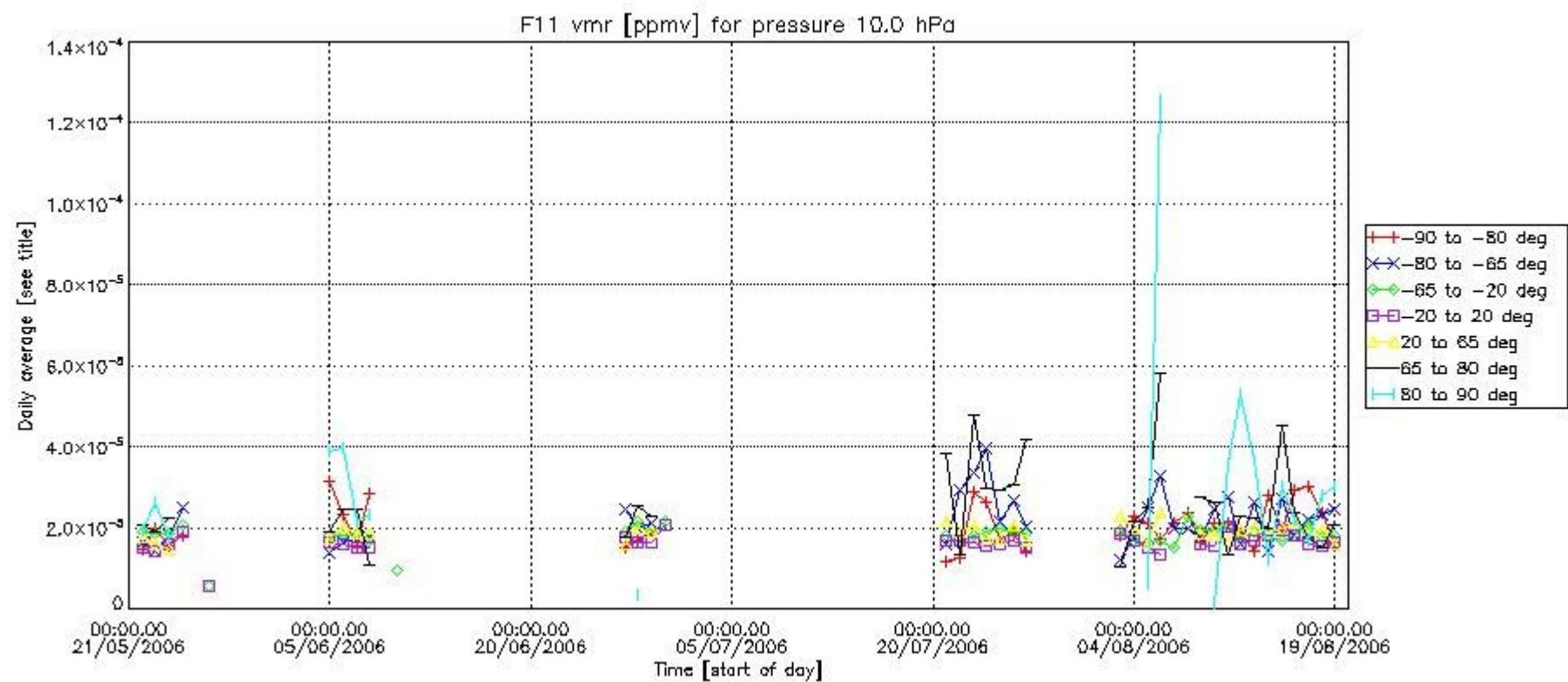


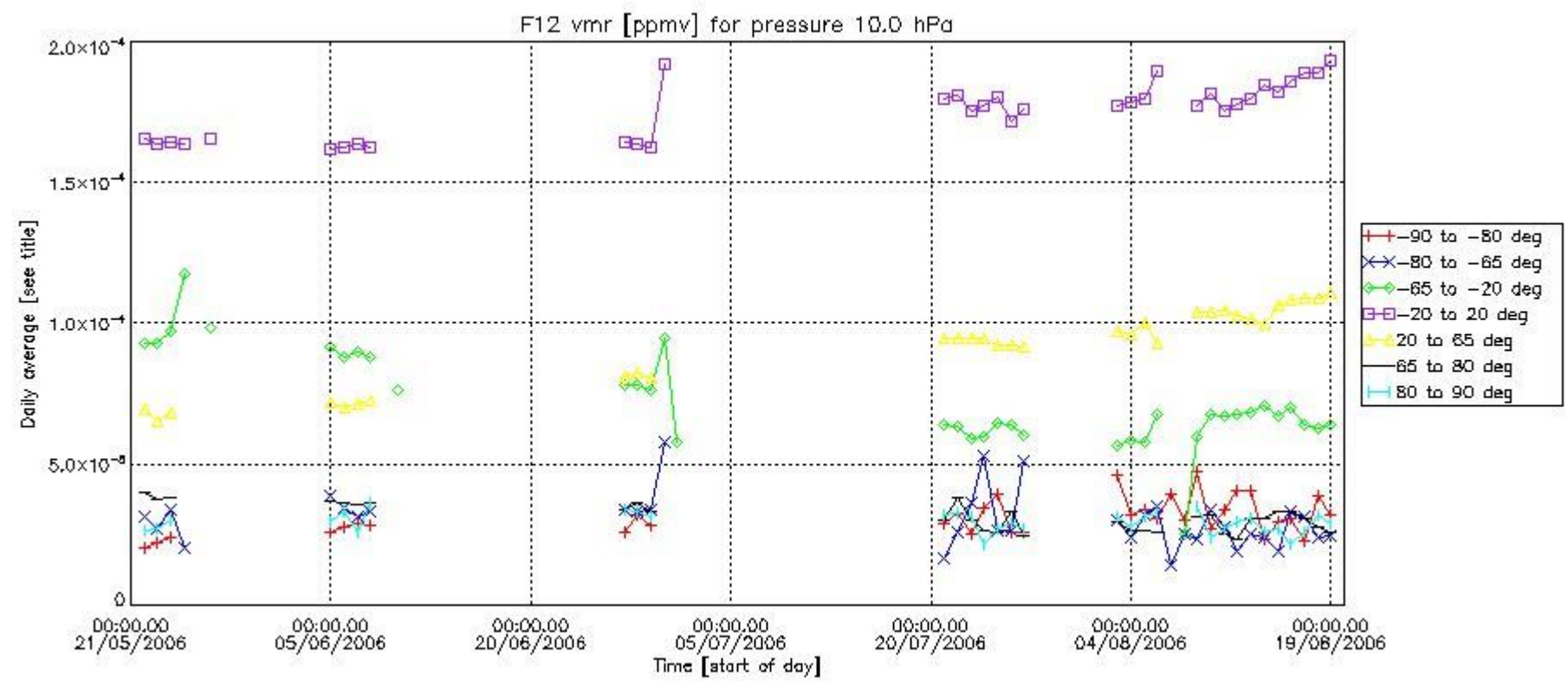
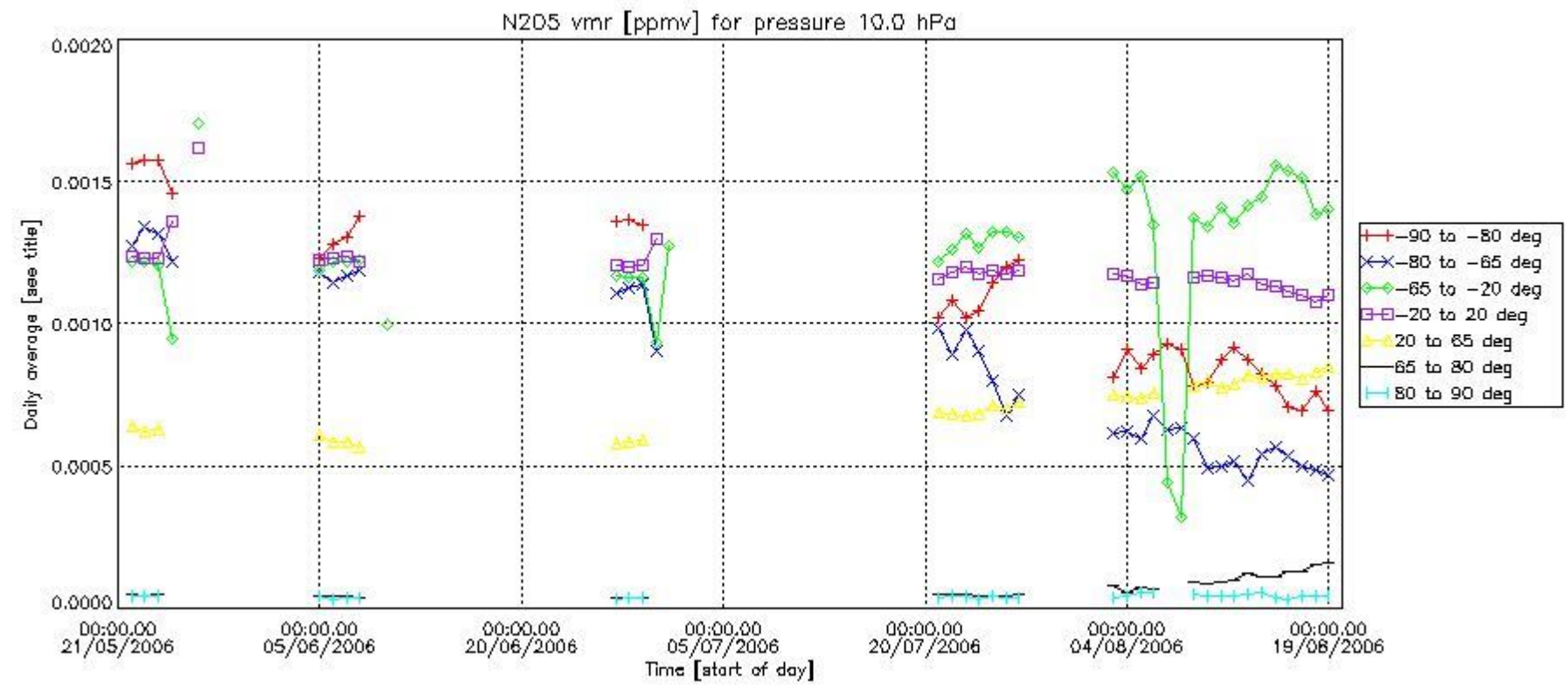


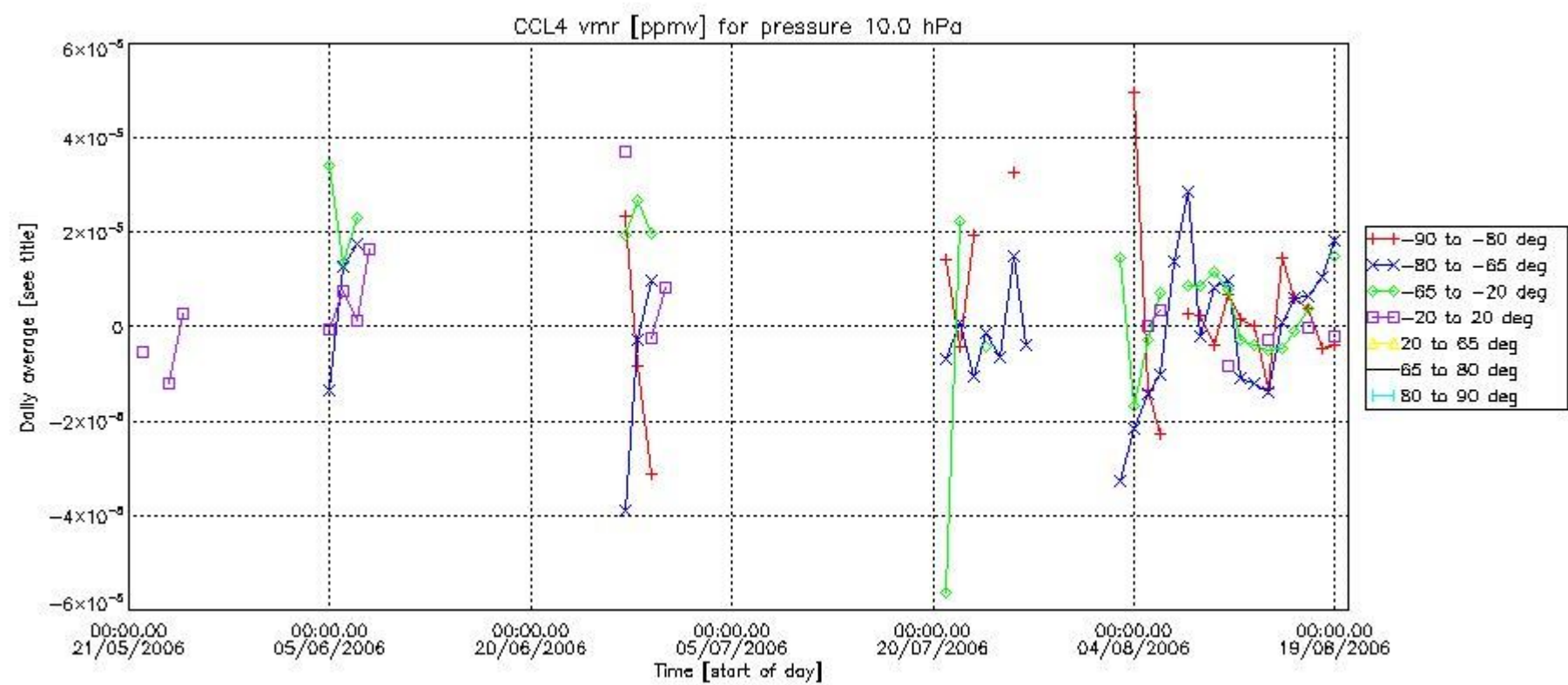
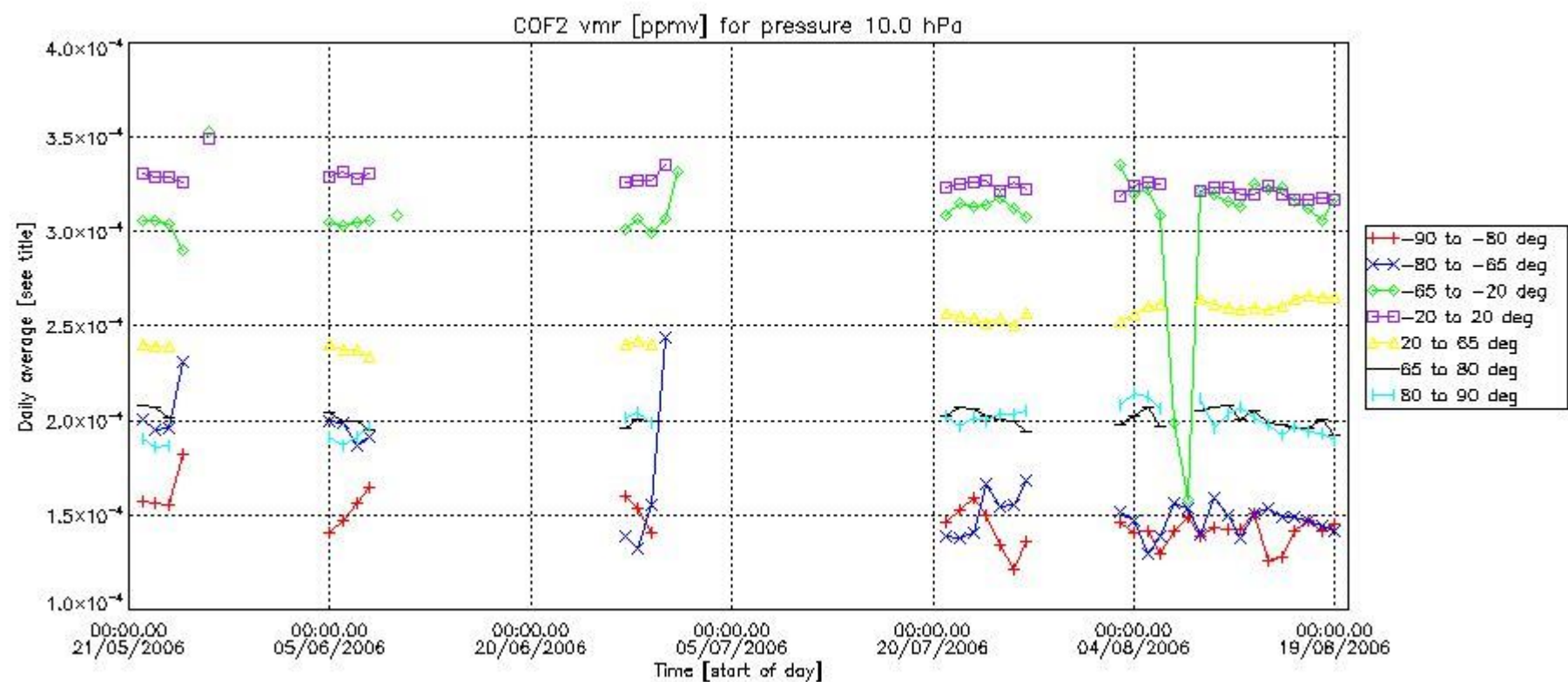


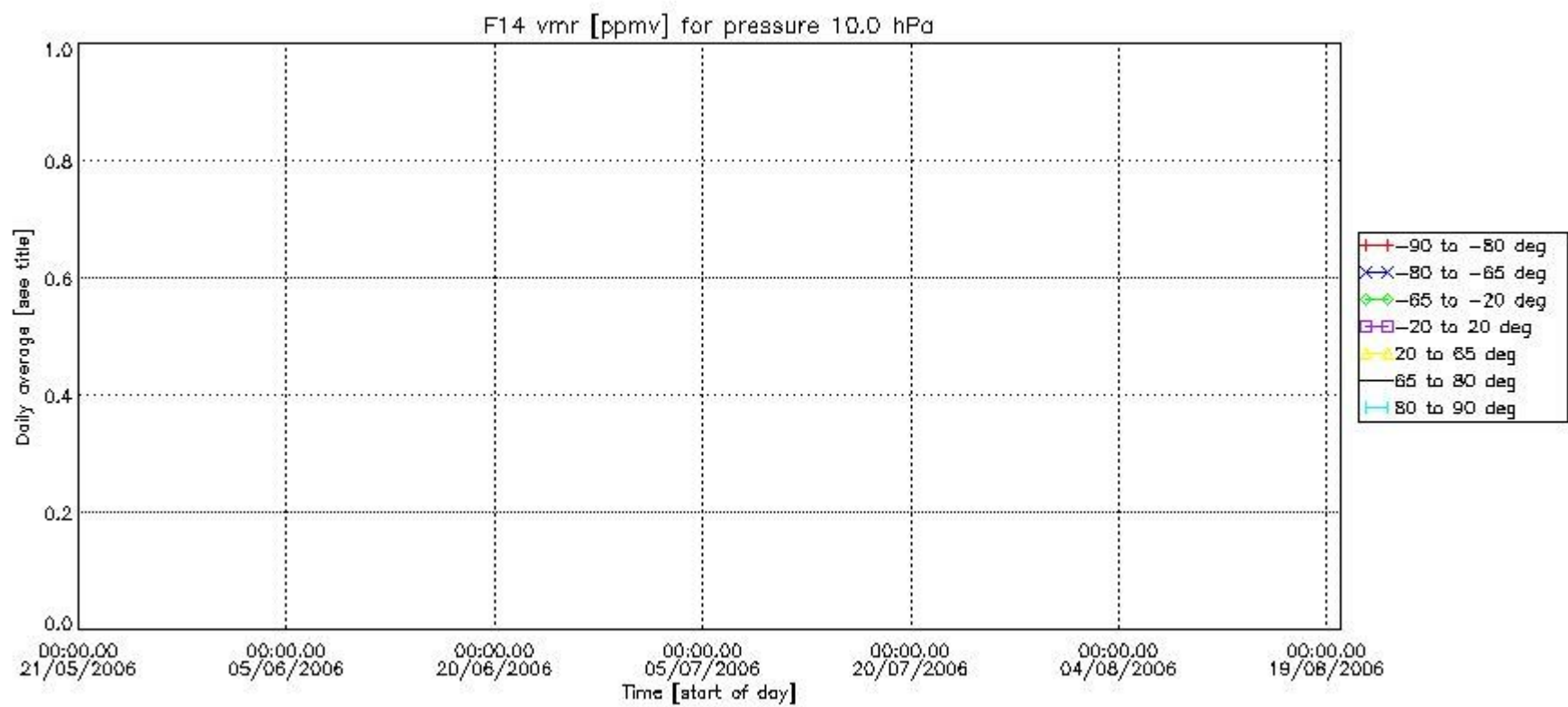
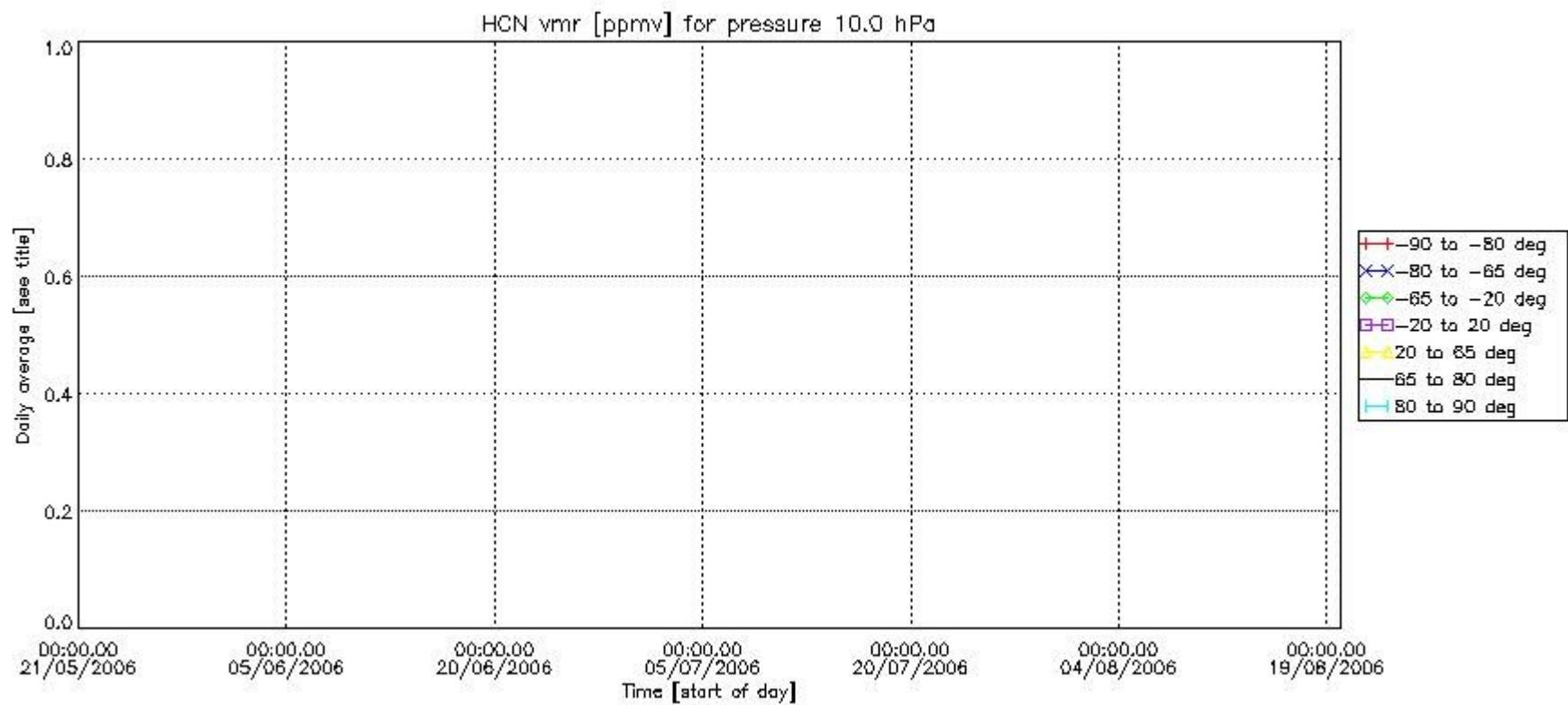


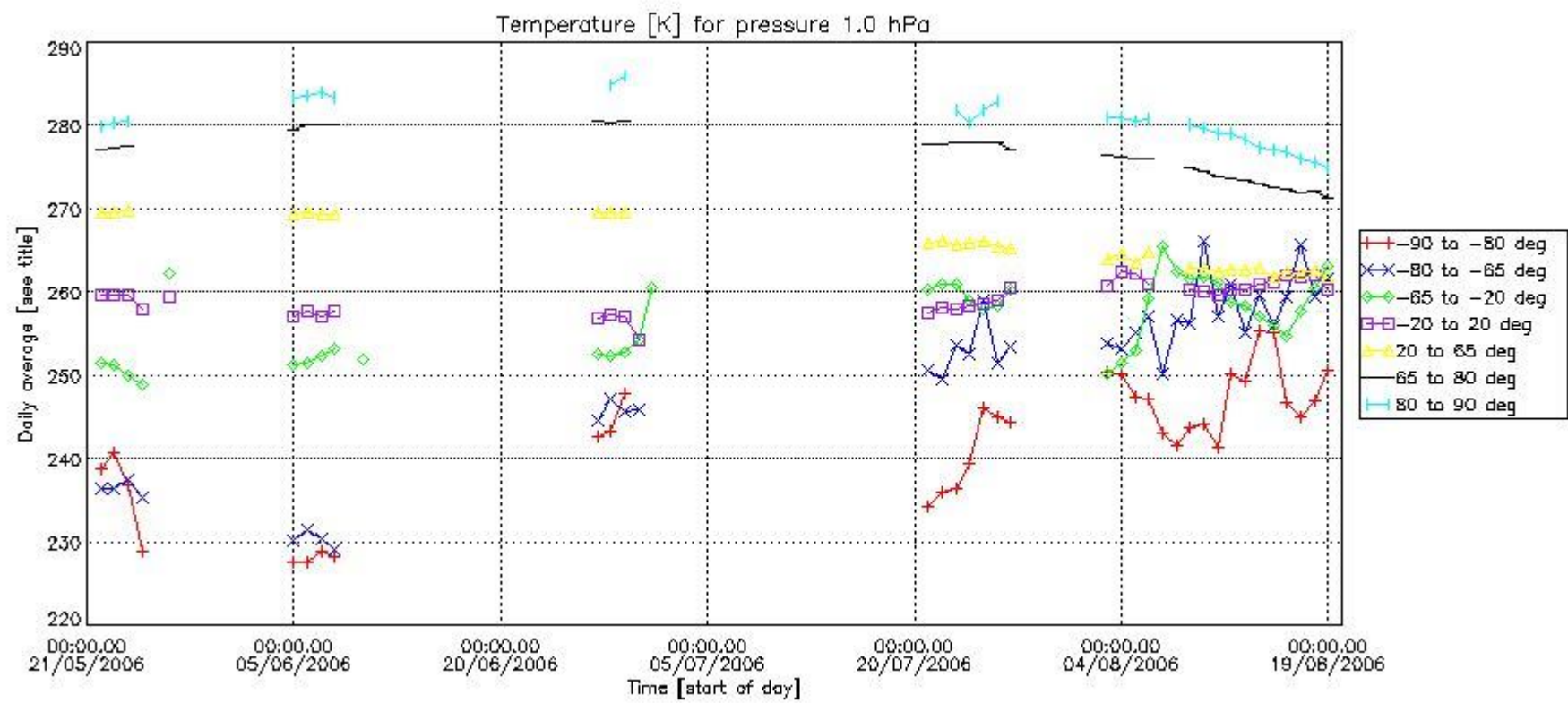
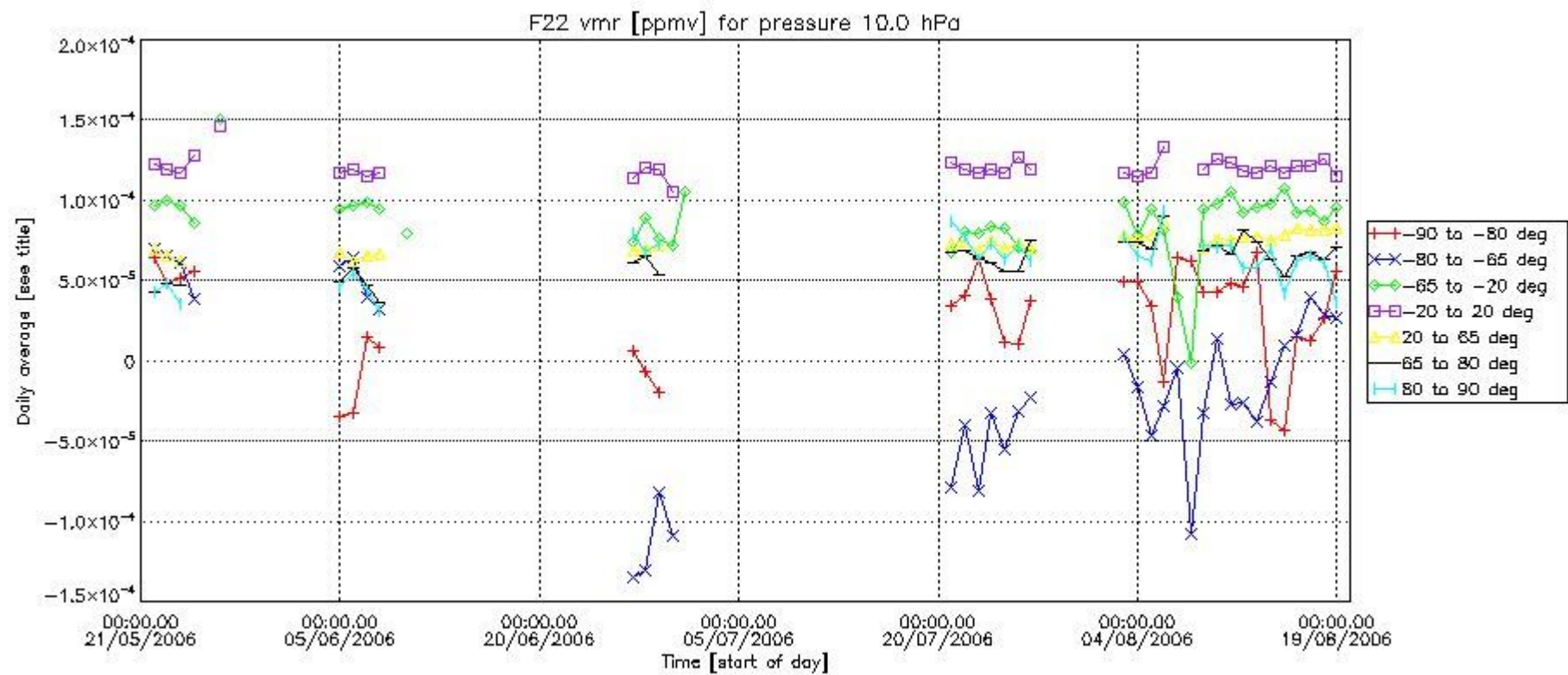


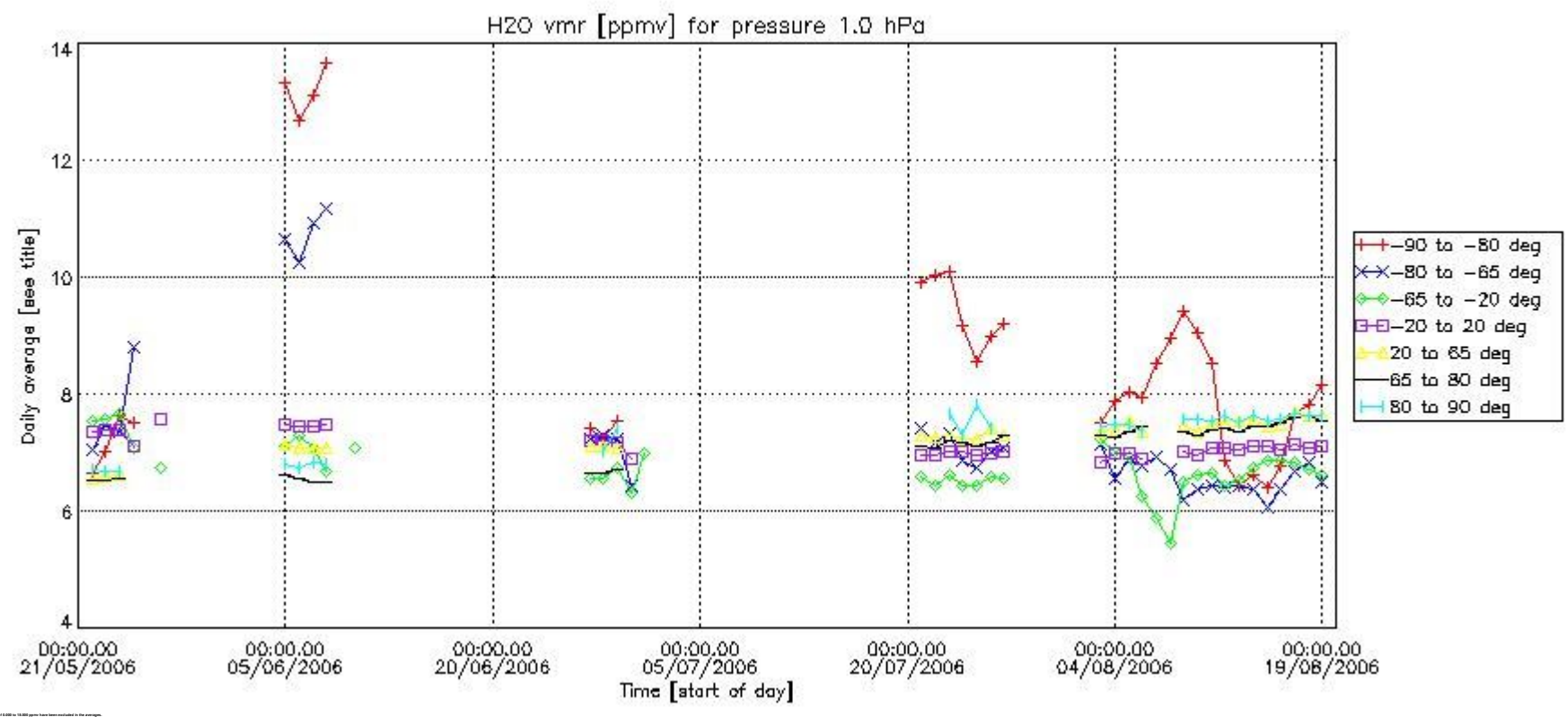
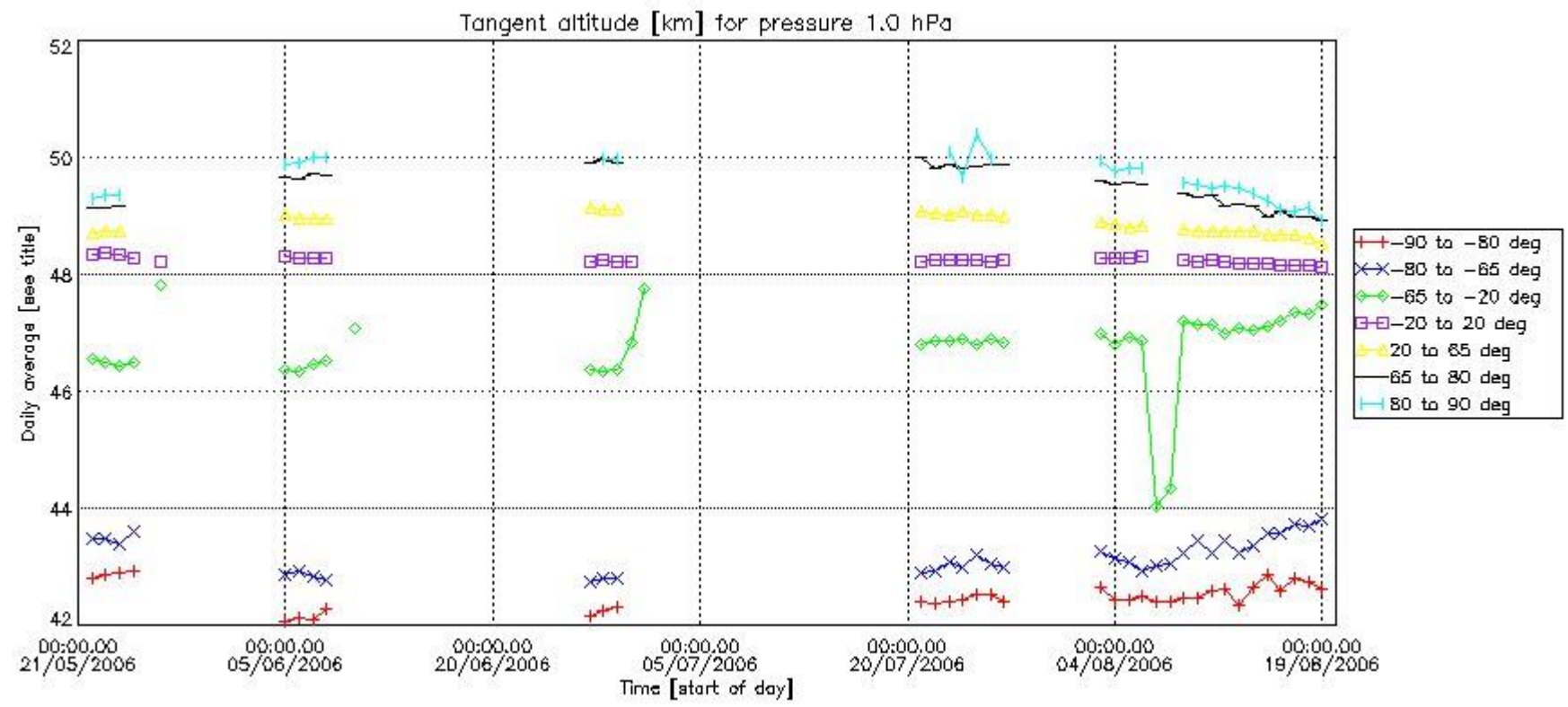


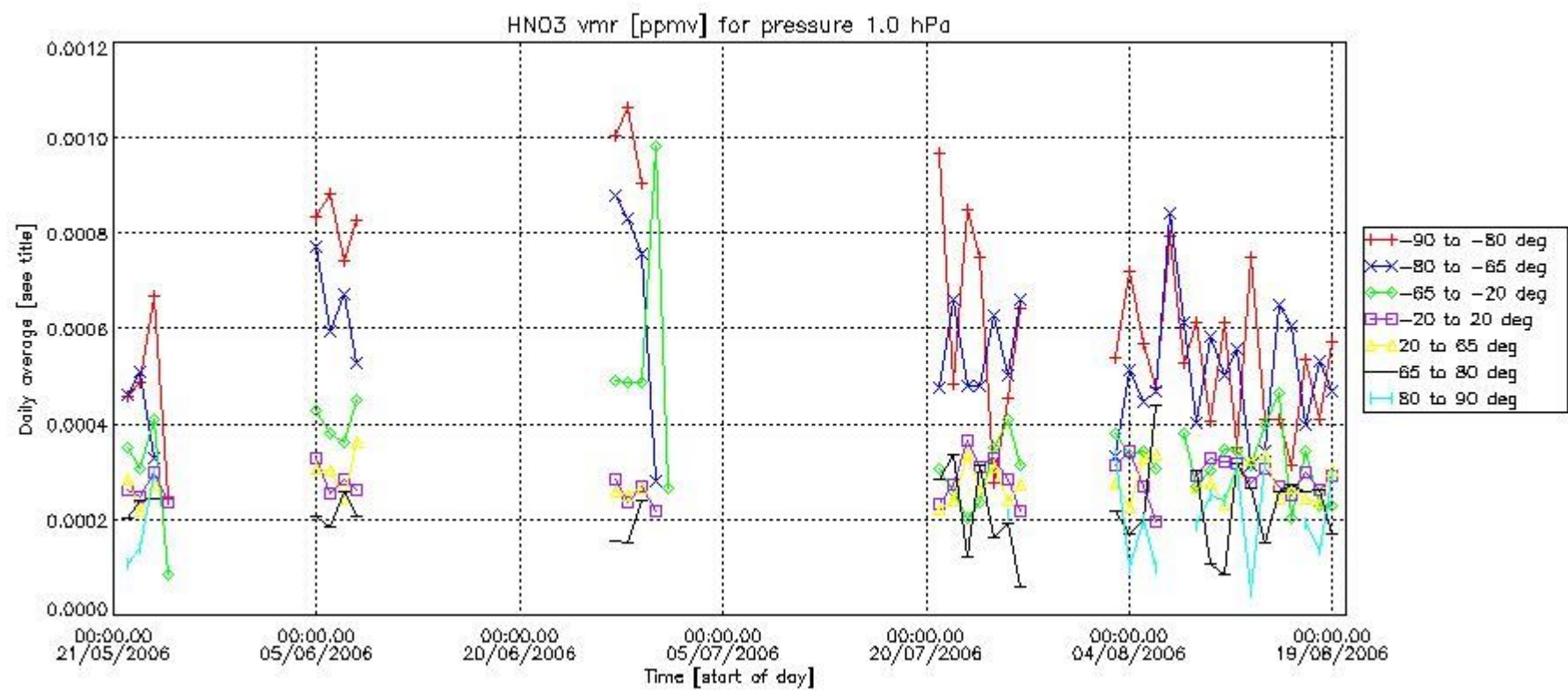
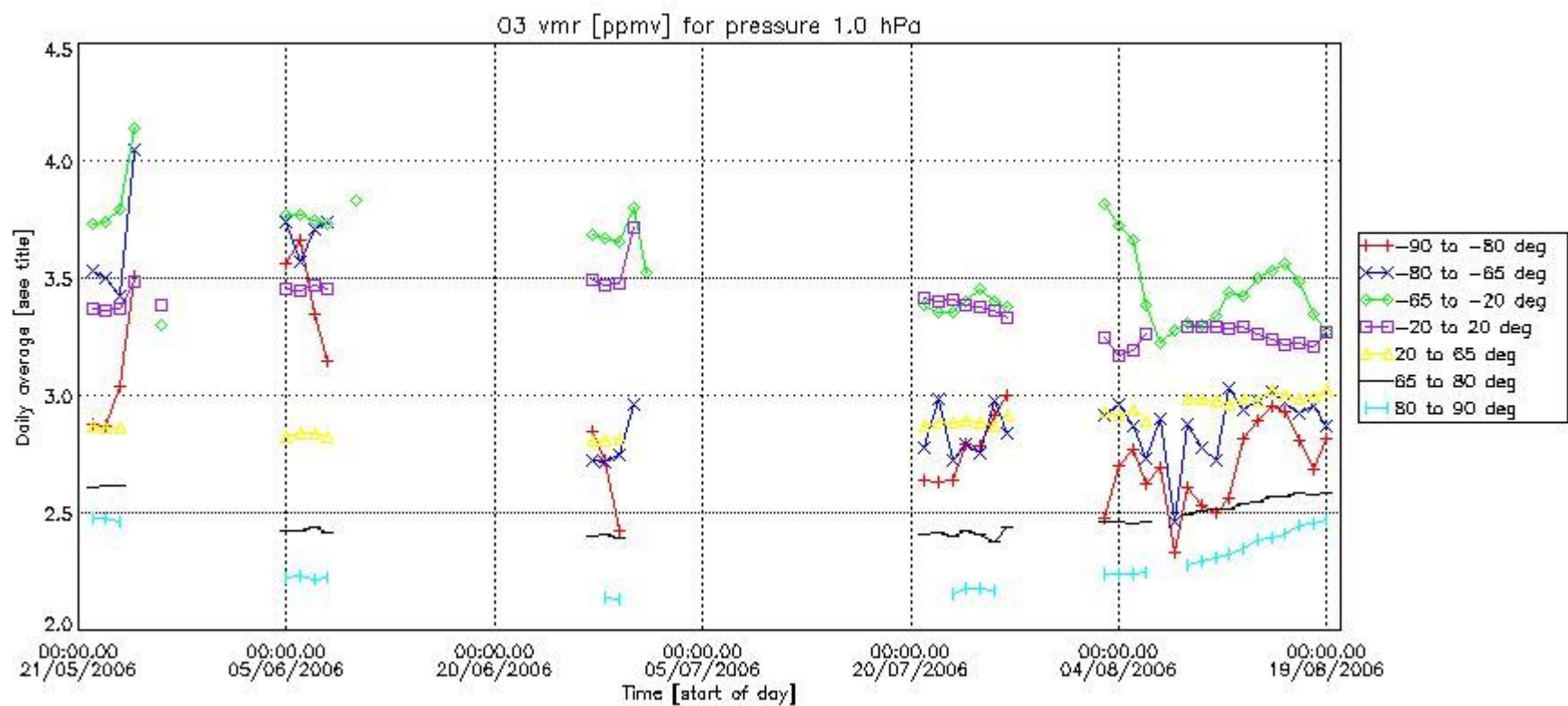


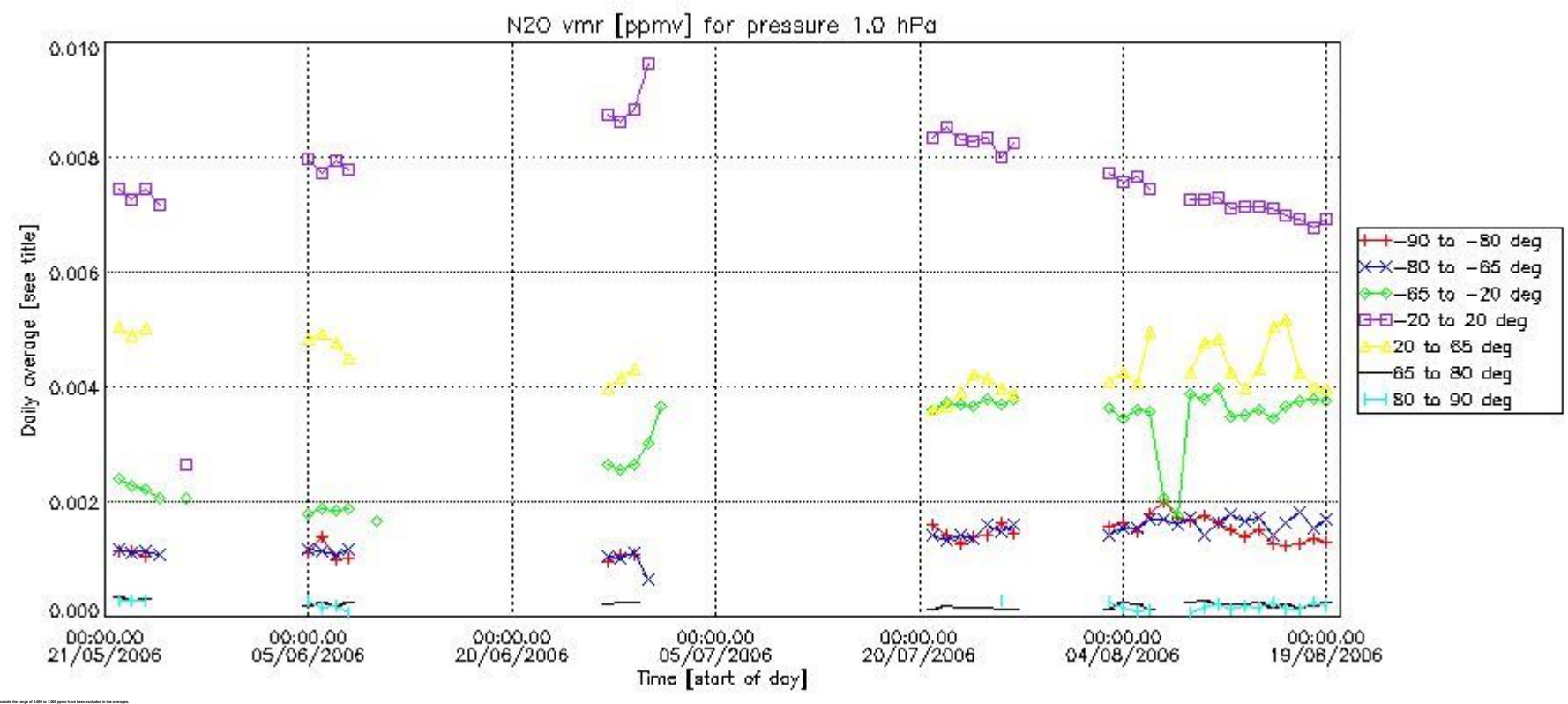
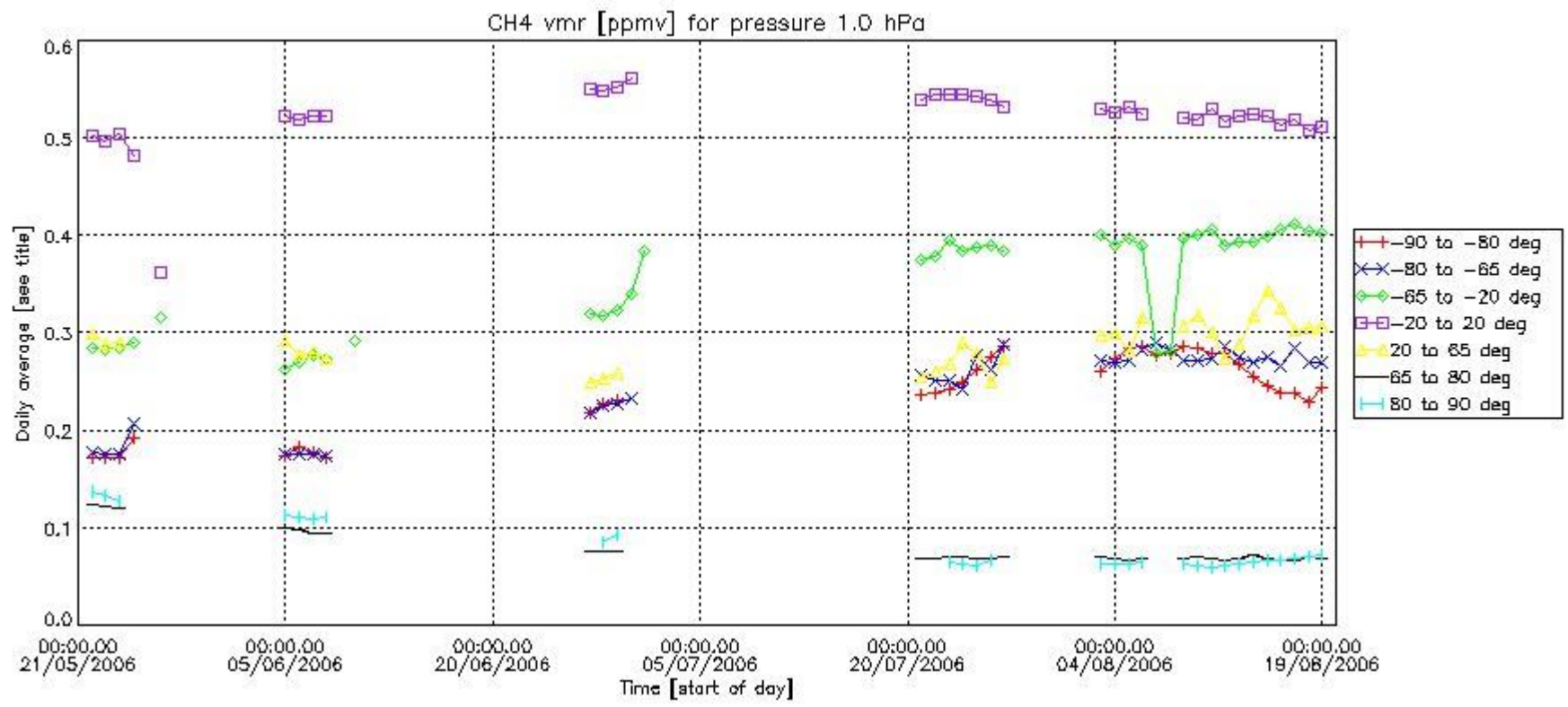


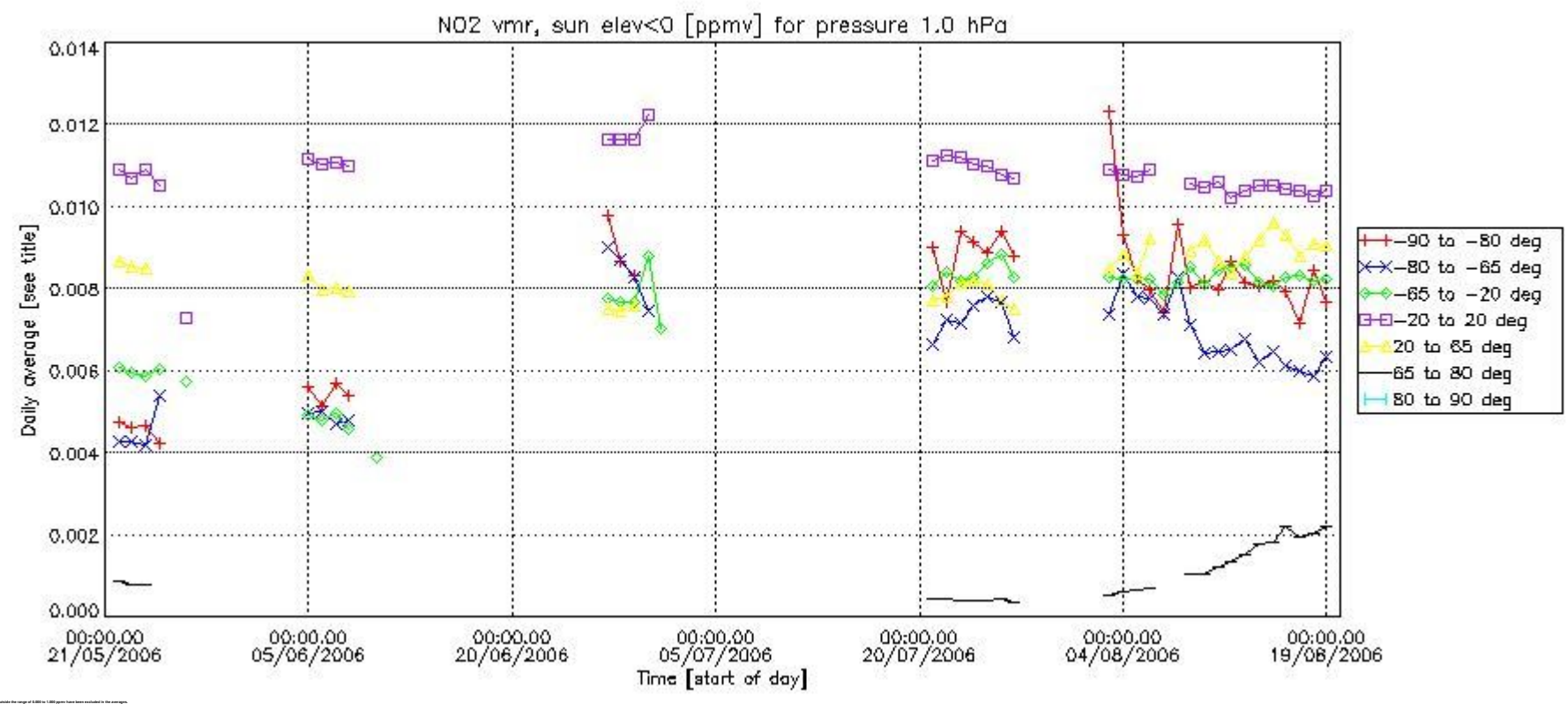
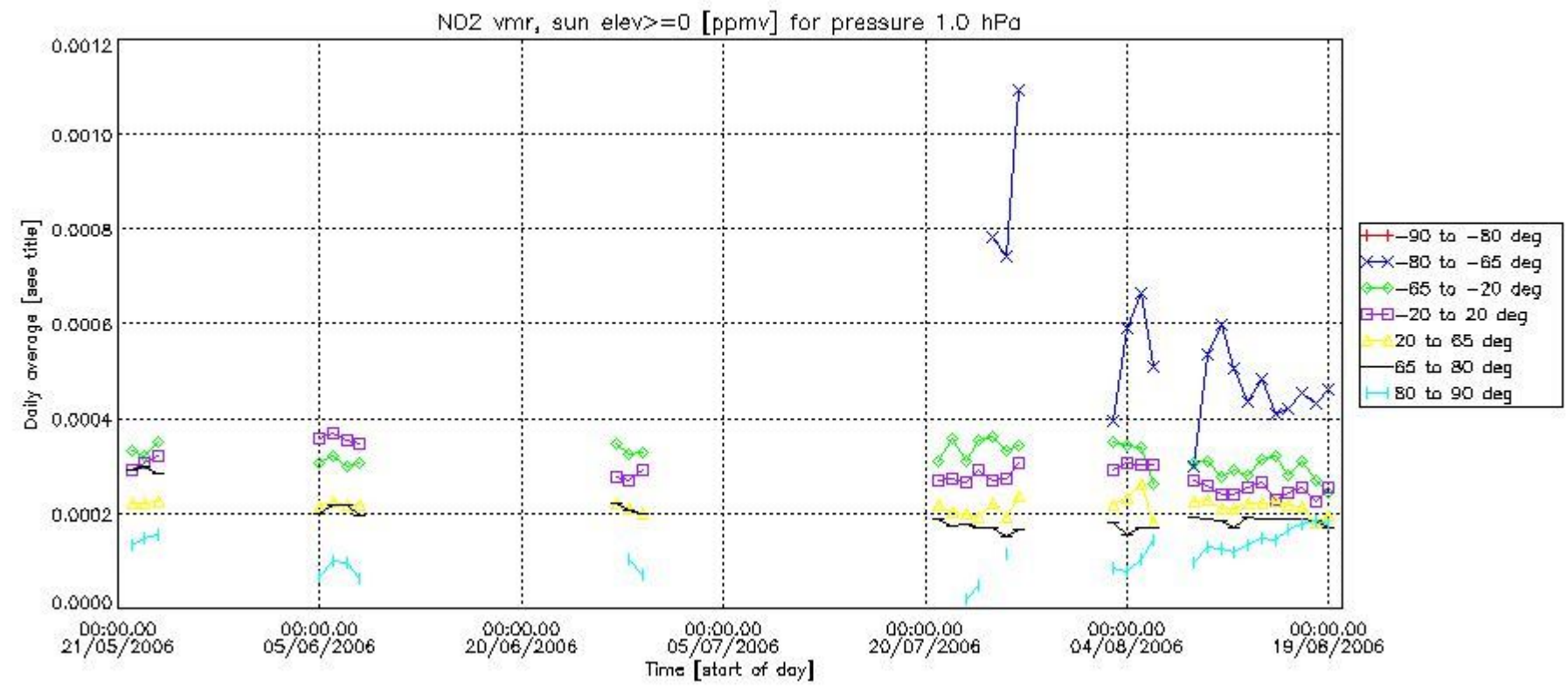


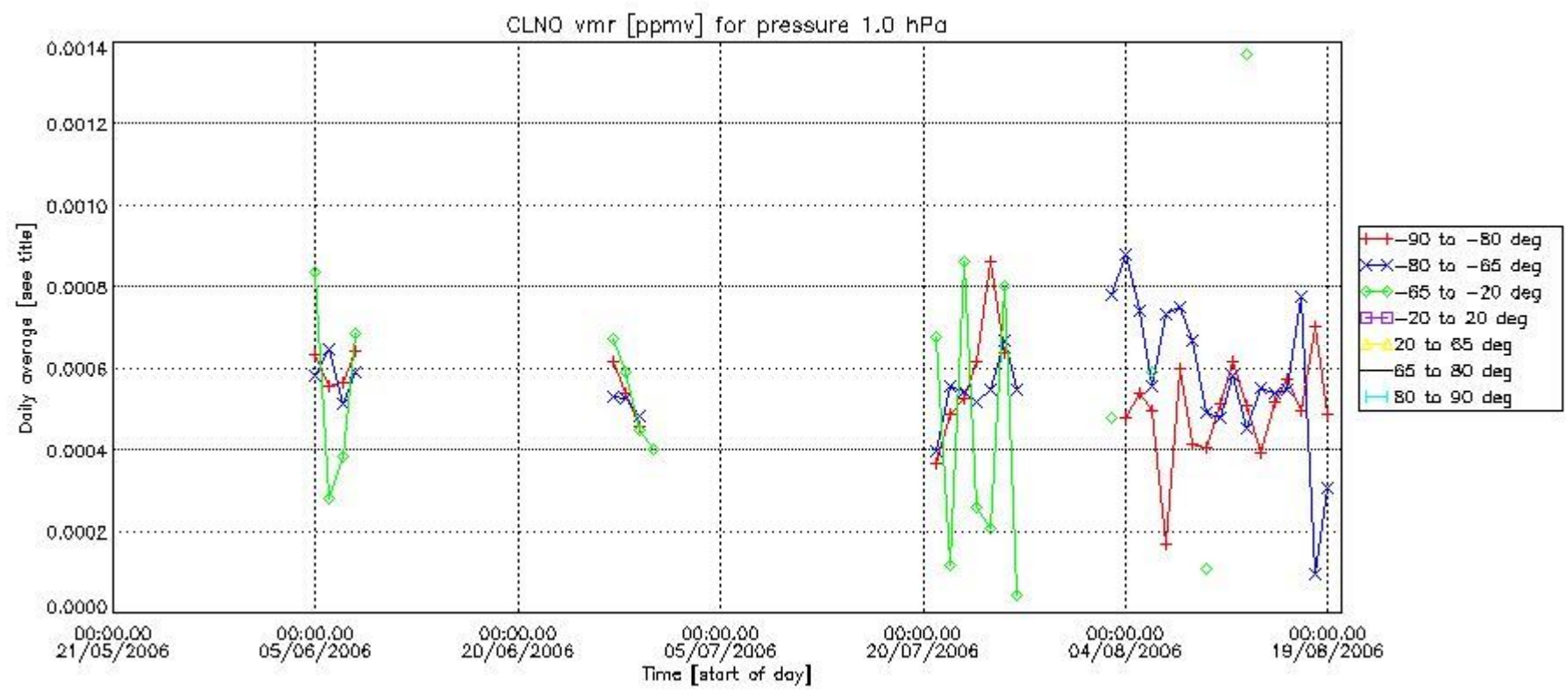
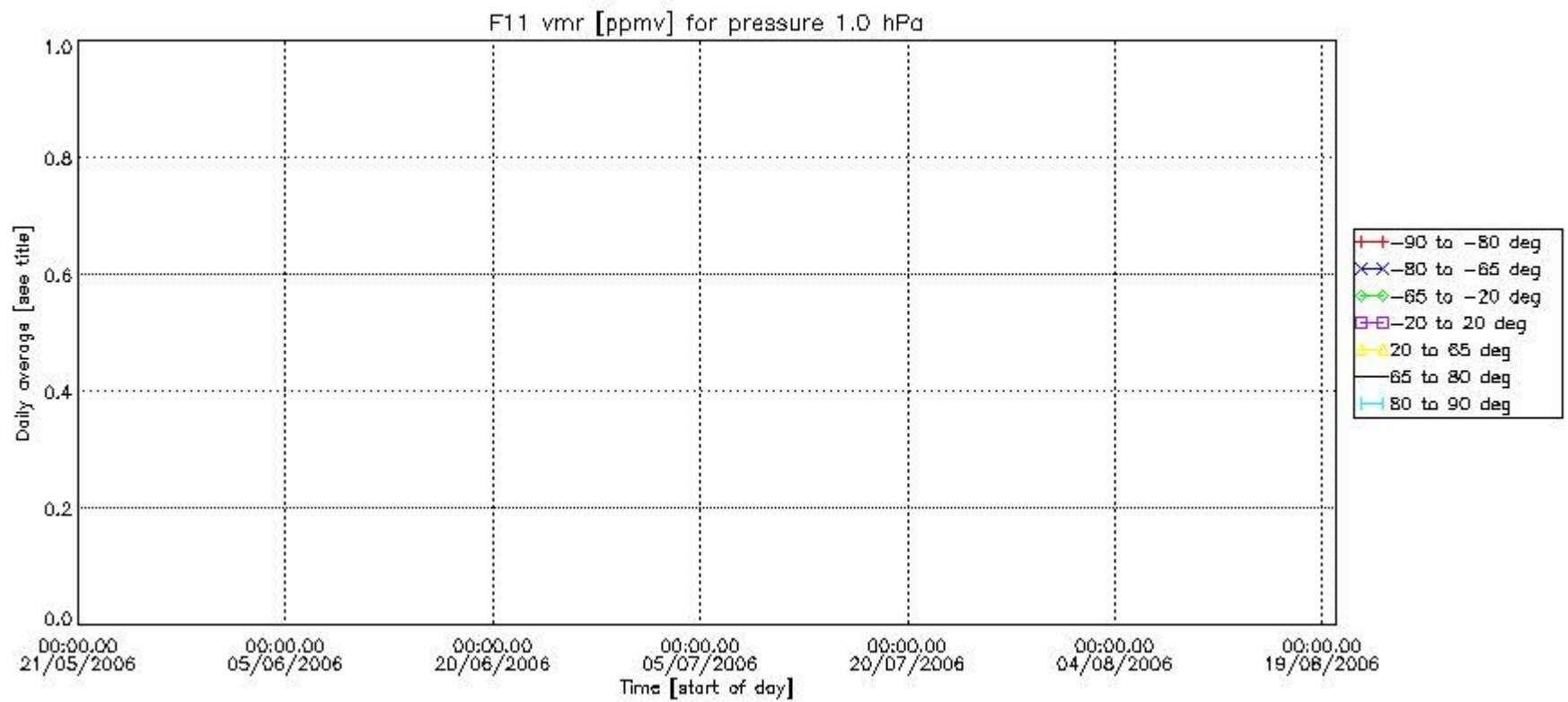


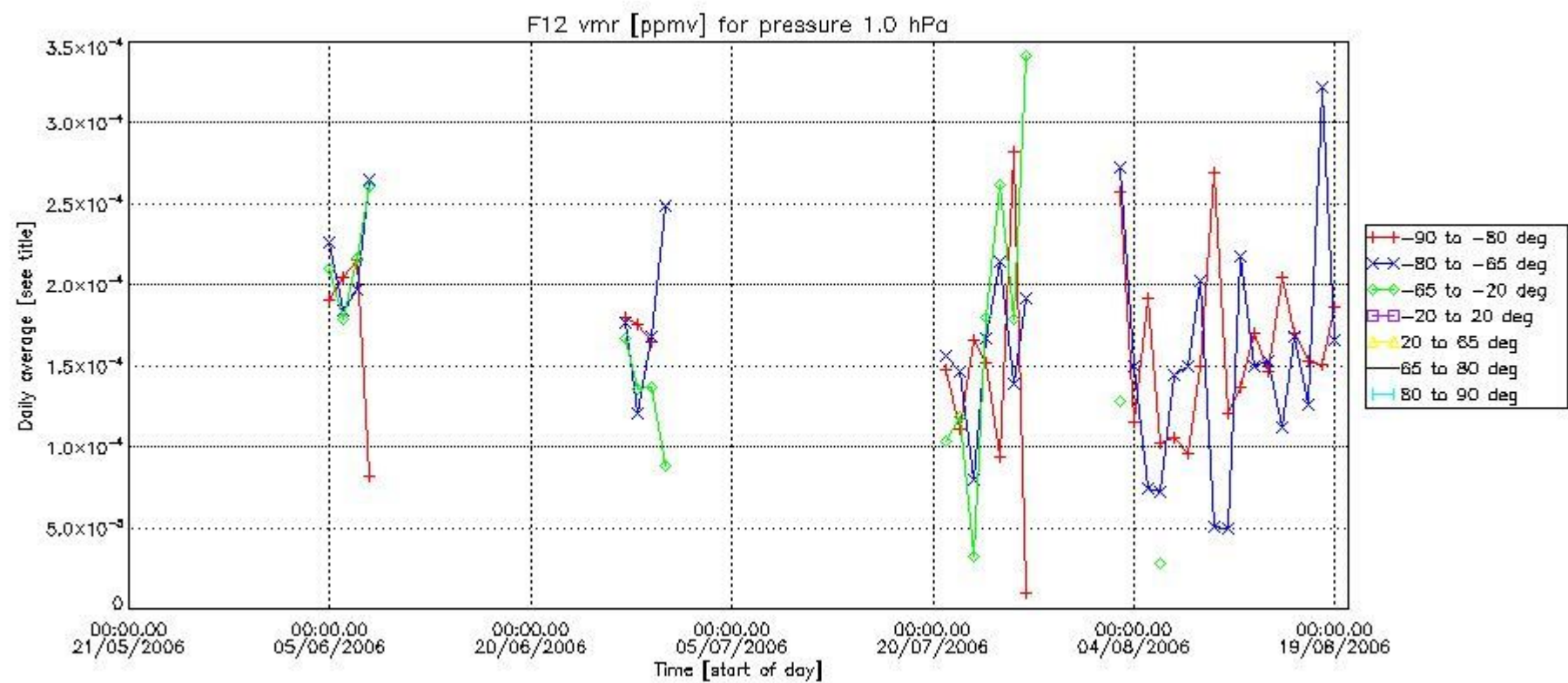
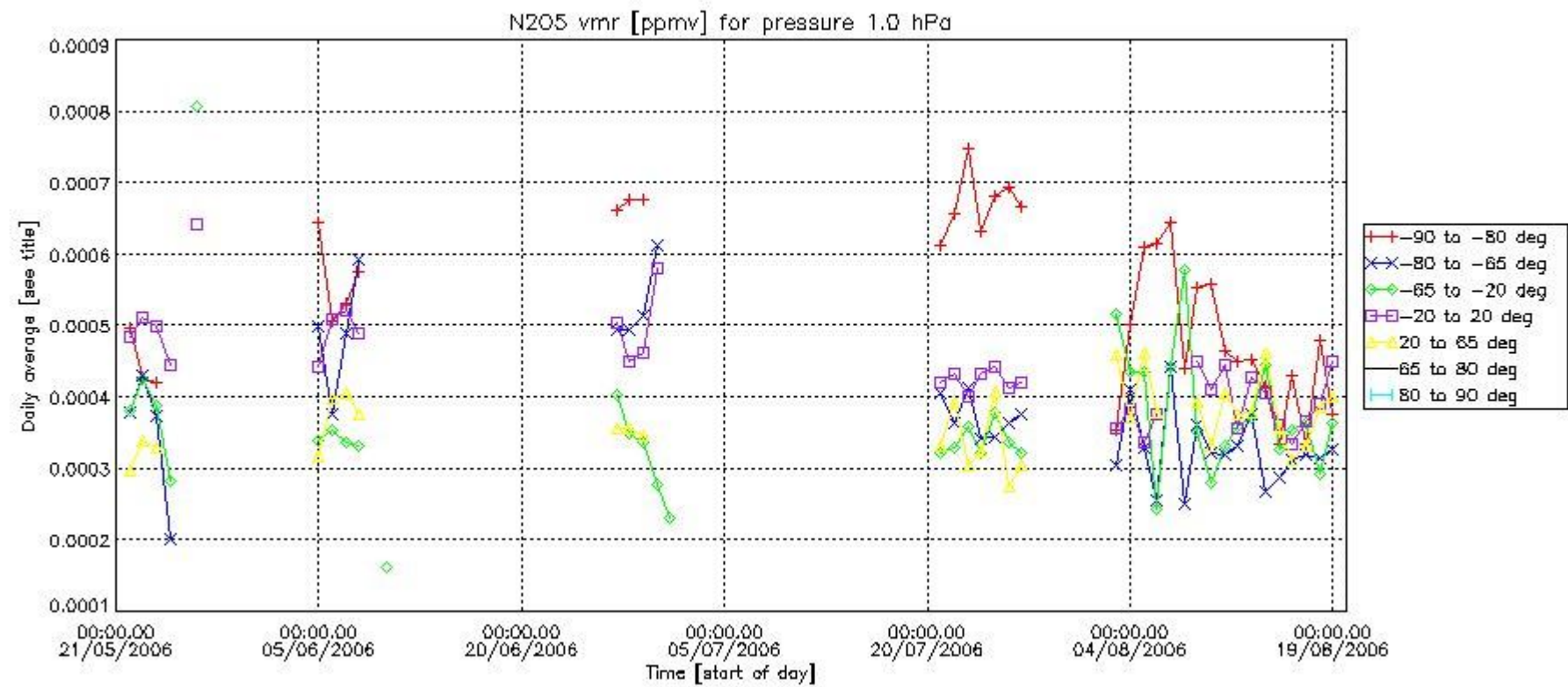


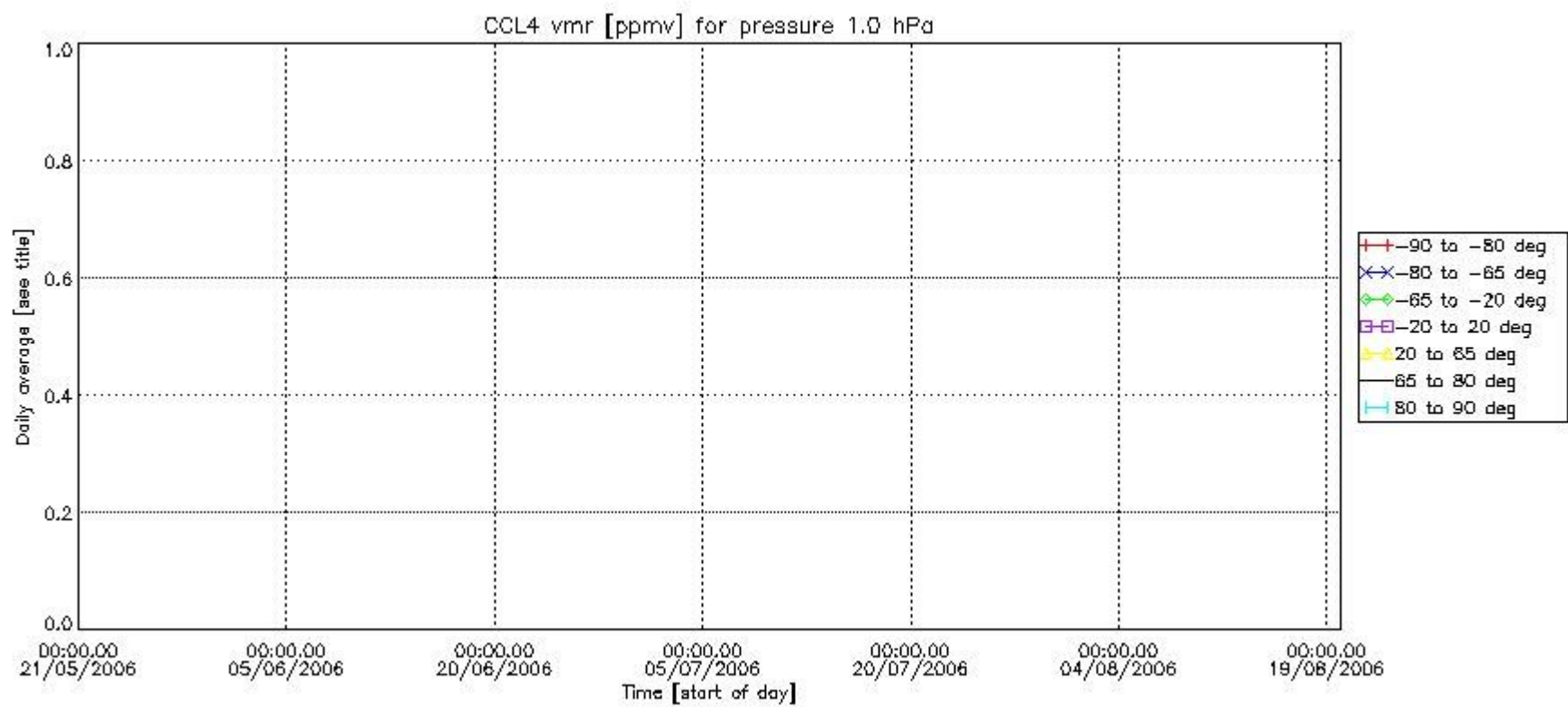
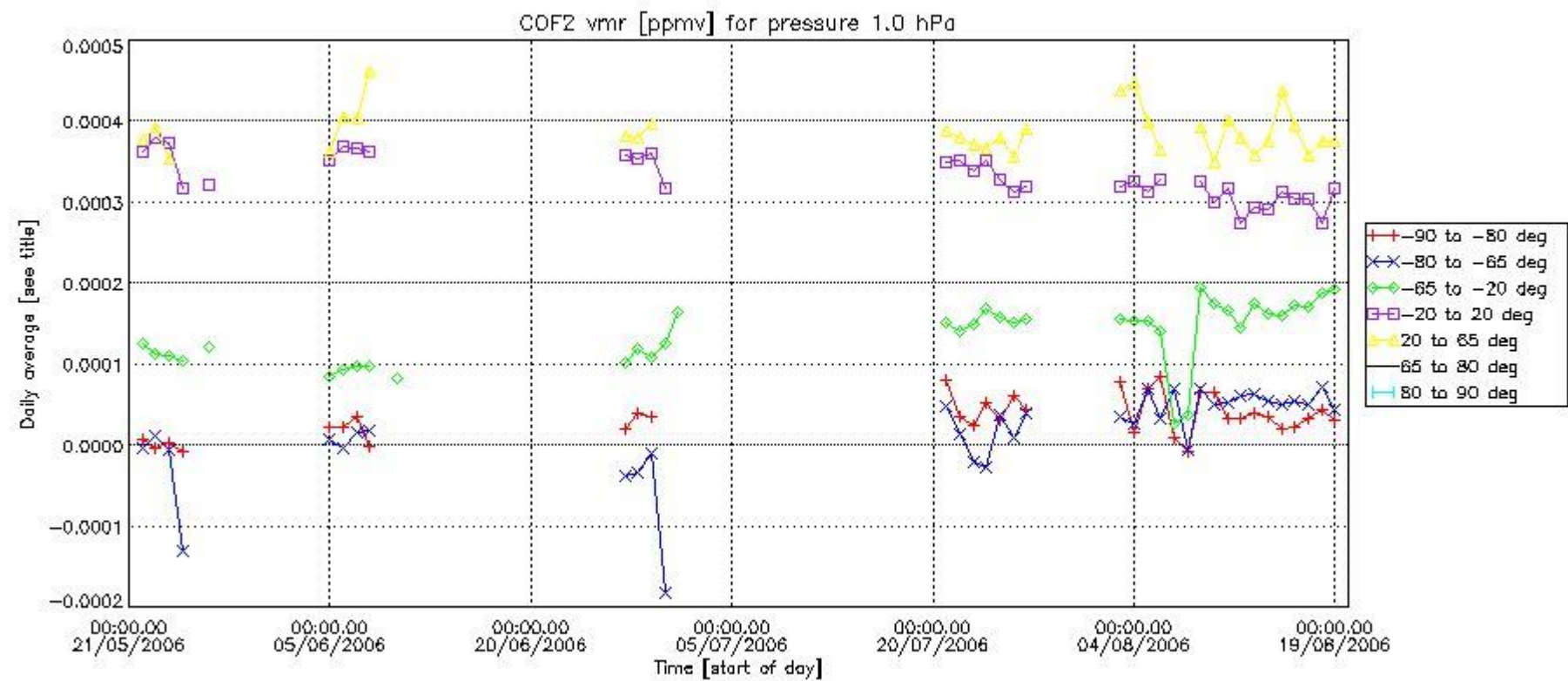


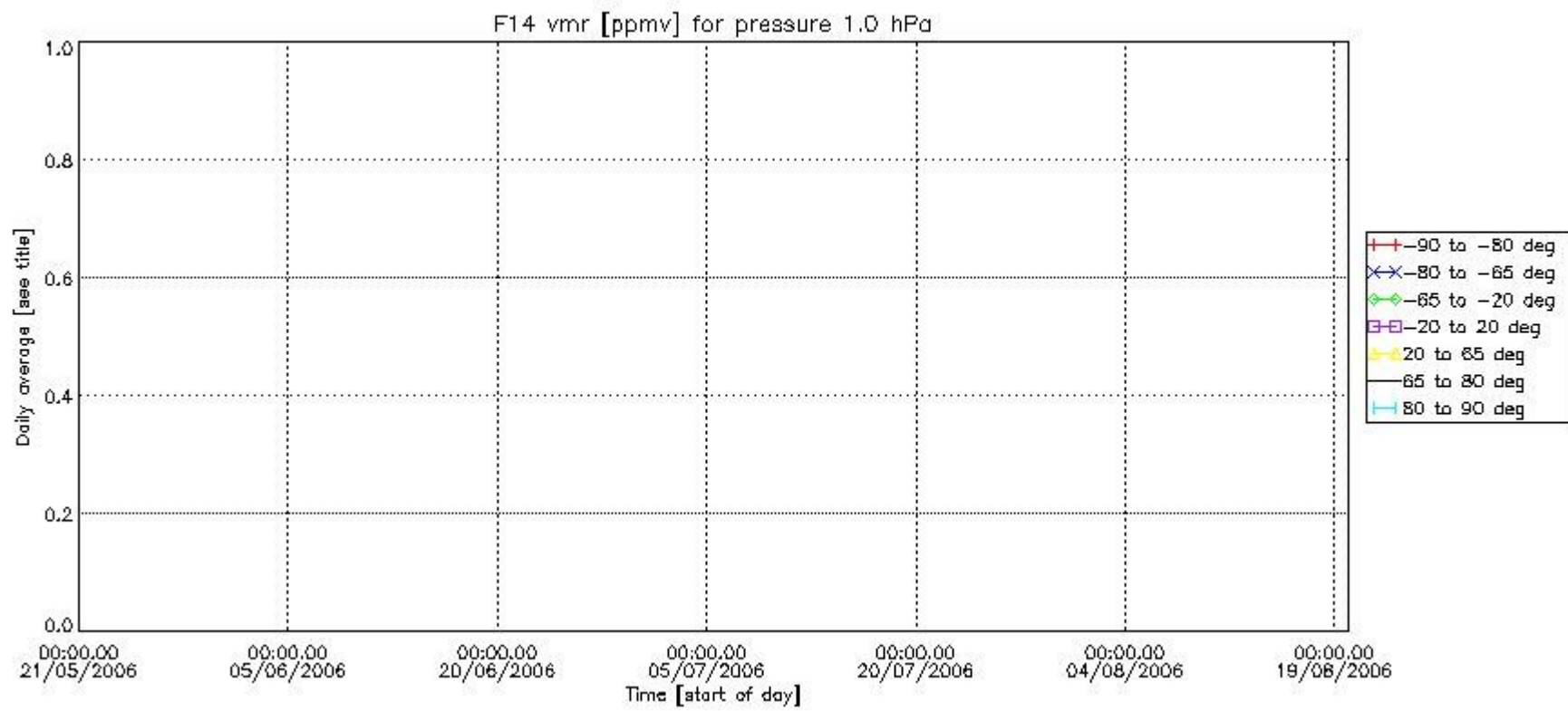
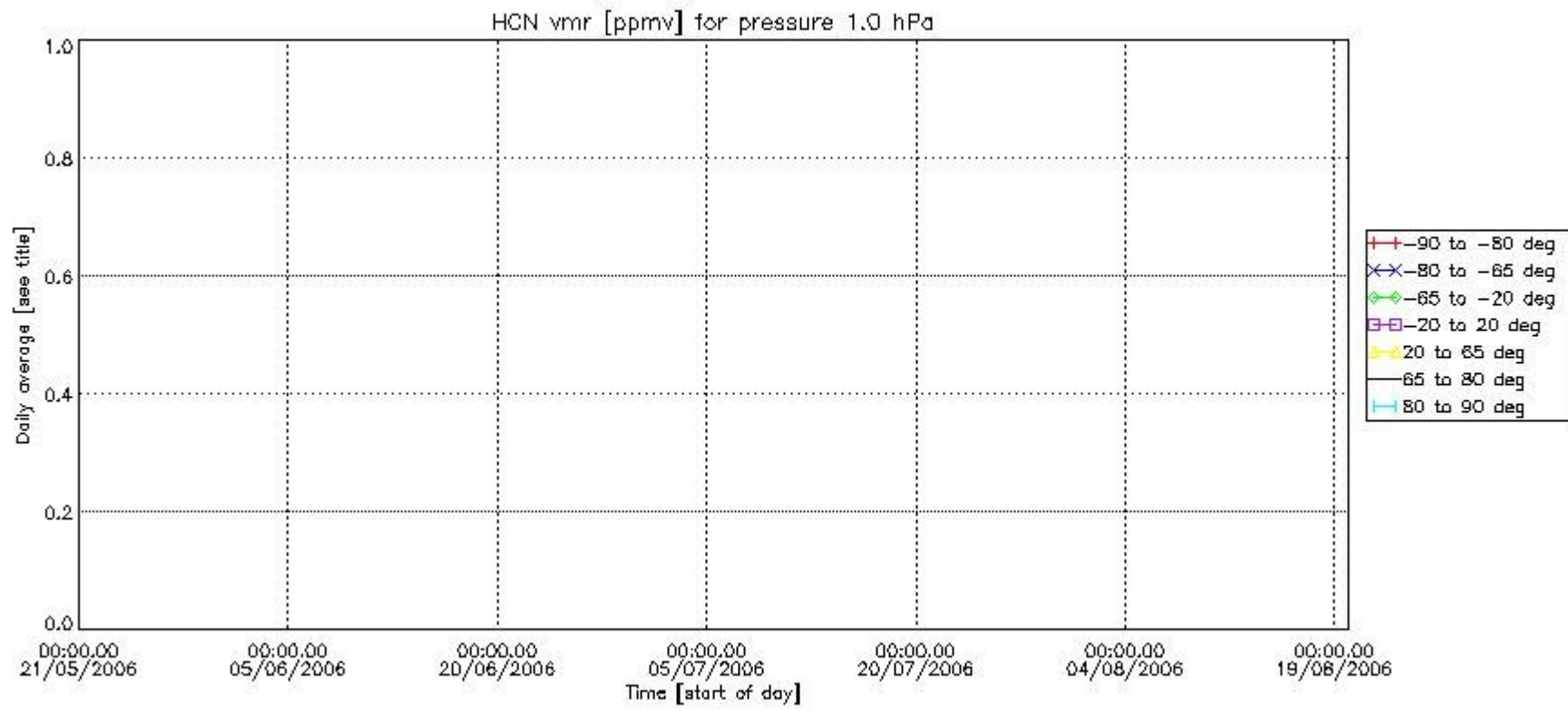


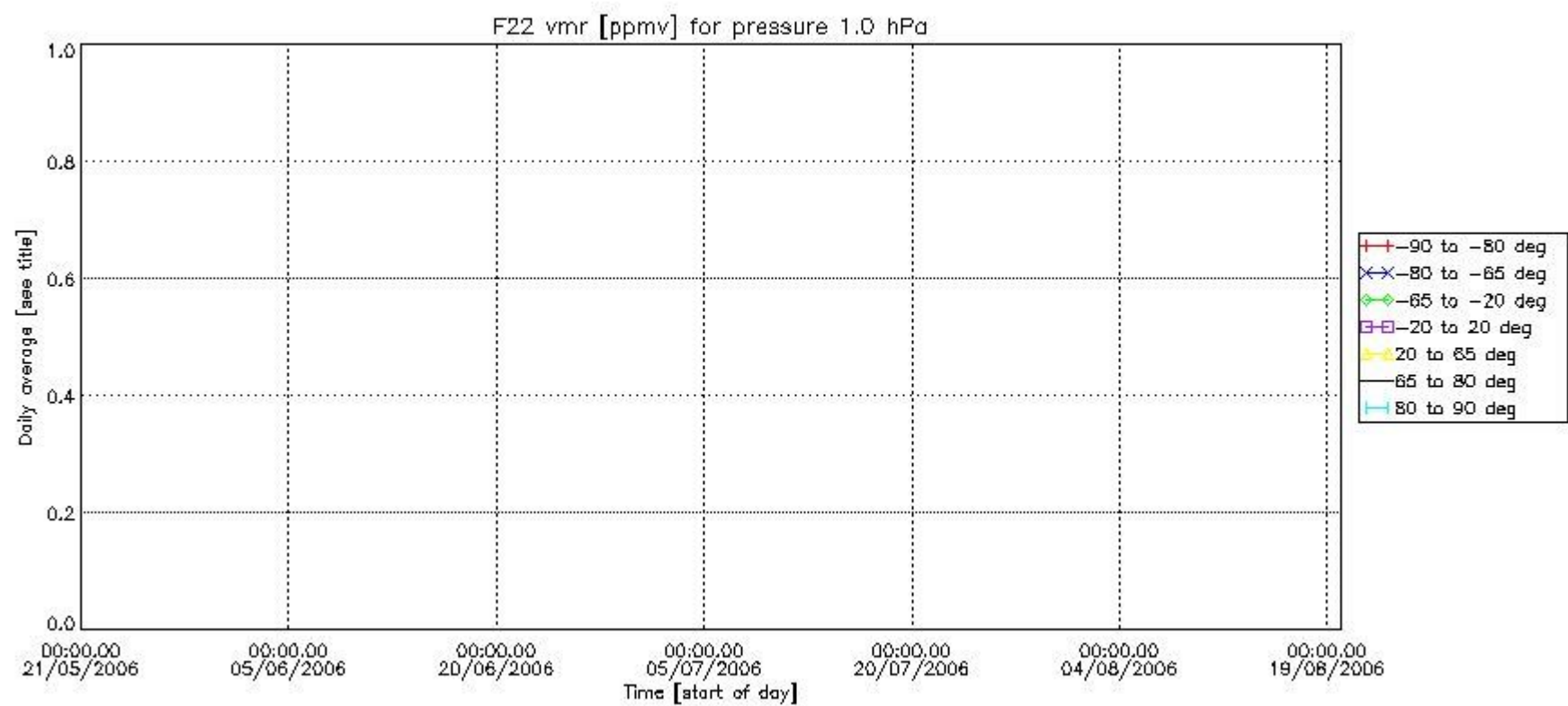












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

