

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060815.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 20:03:04
Data source version	ML2PP/7.03-W
Processing scope for products	15AUG2006 00:00:00 to 16AUG2006 00:00:00
Start time of first product within scope	14AUG2006 23:00:20
Stop time of last product within scope	16AUG2006 00:09:13
Total number of level 2 products	8
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_2PWDSI20060814_230020_000050402050_00202_23302_1000.N1	14AUG2006 23:00:20	15AUG2006 00:24:21	0	111/111	VMR_TERM_MACRO_MICRO[CCL4/micro:1; HCN/micro:5]
1	MIP_NL_2PWDSI20060815_070136_000012542050_00206_23306_1000.N1	15AUG2006 07:01:36	15AUG2006 07:22:30	0	24/24	
2	MIP_NL_2PWDSI20060815_072320_000060302050_00207_23307_1000.N1	15AUG2006 07:23:20	15AUG2006 09:03:50	0	109/109	
3	MIP_NL_2PWDSI20060815_090356_000060302050_00208_23308_1000.N1	15AUG2006 09:03:56	15AUG2006 10:44:25	0	128/128	VMR_TERM_MACRO_MICRO[CLNO/micro:1; HCN/micro:1]
4	MIP_NL_2PWDSI20060815_104432_000050402050_00209_23309_1000.N1	15AUG2006 10:44:32	15AUG2006 12:08:32	0	111/111	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1]
5	MIP_NL_2PWDSI20060815_202624_000012532050_00214_23314_1000.N1	15AUG2006 20:26:24	15AUG2006 20:47:17	0	24/24	
6	MIP_NL_2PWDSI20060815_204807_000060302050_00215_23315_1000.N1	15AUG2006 20:48:07	15AUG2006 22:28:37	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
7	MIP_NL_2PWDSI20060815_222843_000060302050_00216_23316_1000.N1	15AUG2006 22:28:43	16AUG2006 00:09:13	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1]

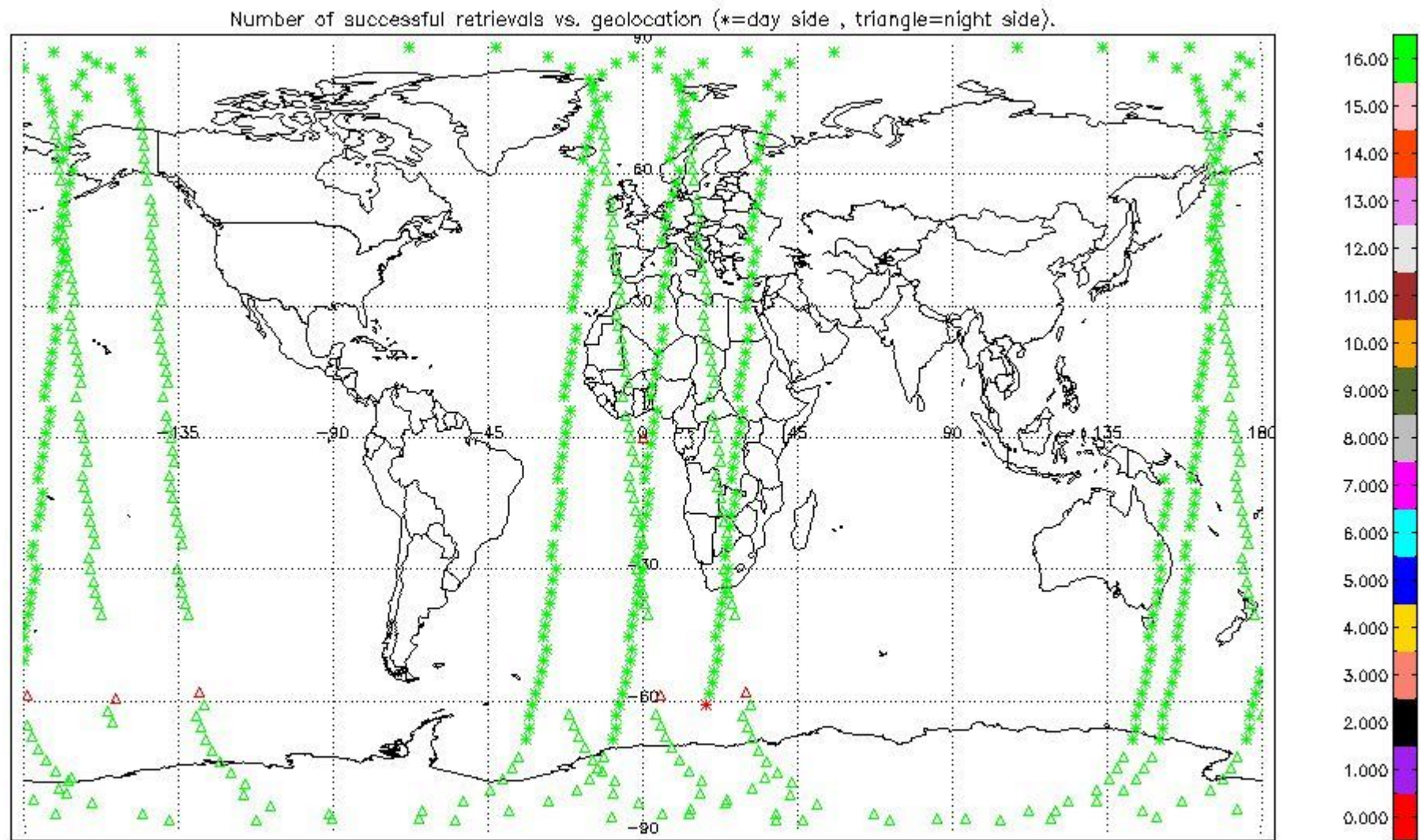
2.2 Processing performance indicators

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.

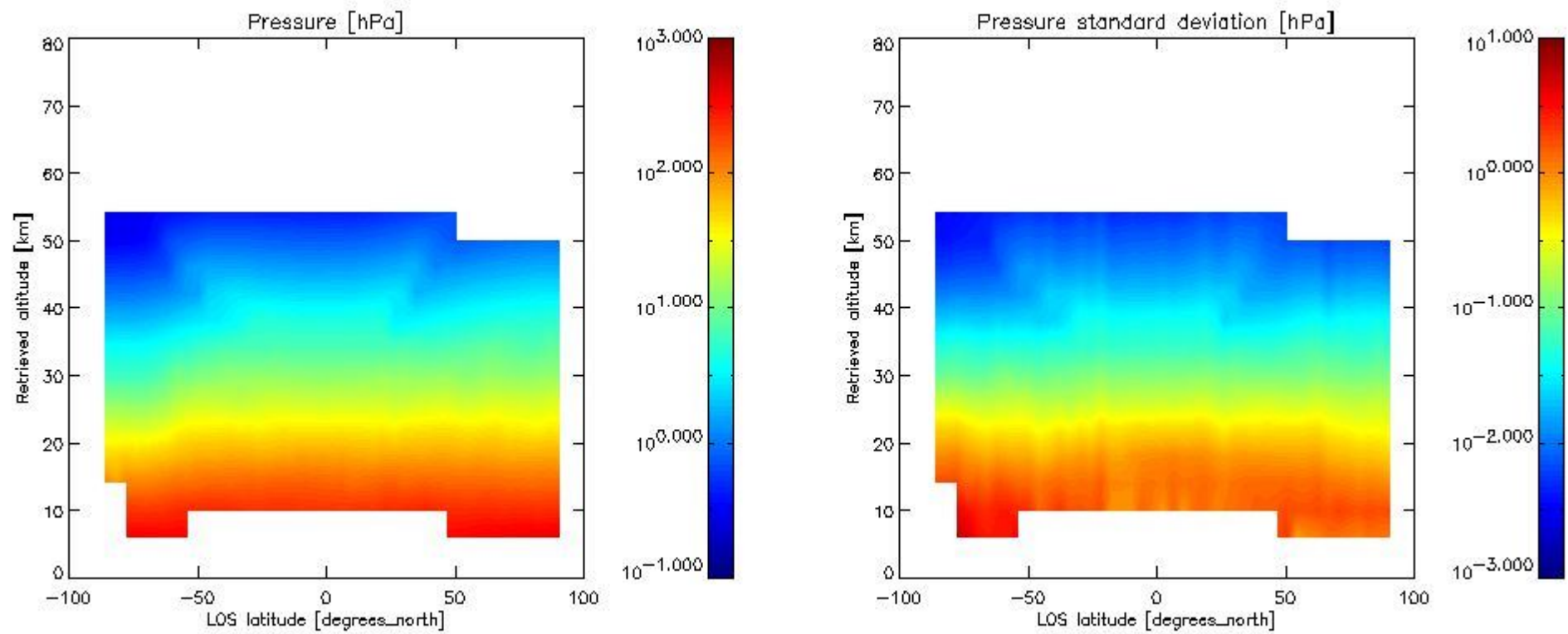
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	763	665	87.156
H2O	763	665	87.156

O3	763	665	87.156
HNO3	763	665	87.156
CH4	763	665	87.156
N2O	763	665	87.156
NO2	763	665	87.156
F11	763	665	87.156
CLNO	763	665	87.156
N2O5	763	665	87.156
F12	763	665	87.156
COF2	763	665	87.156
CCL4	763	665	87.156
HCN	763	665	87.156
F14	763	665	87.156
F22	763	665	87.156



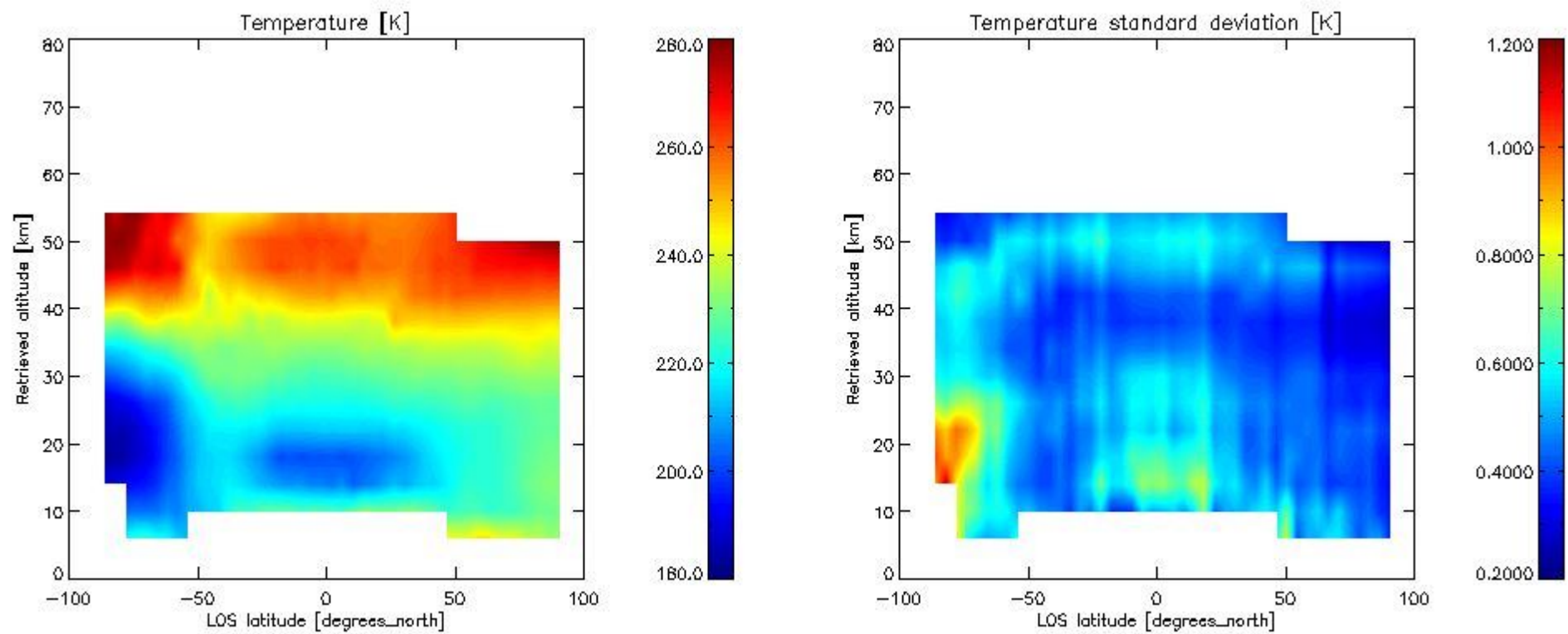
2.2.2 Pressure overview

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



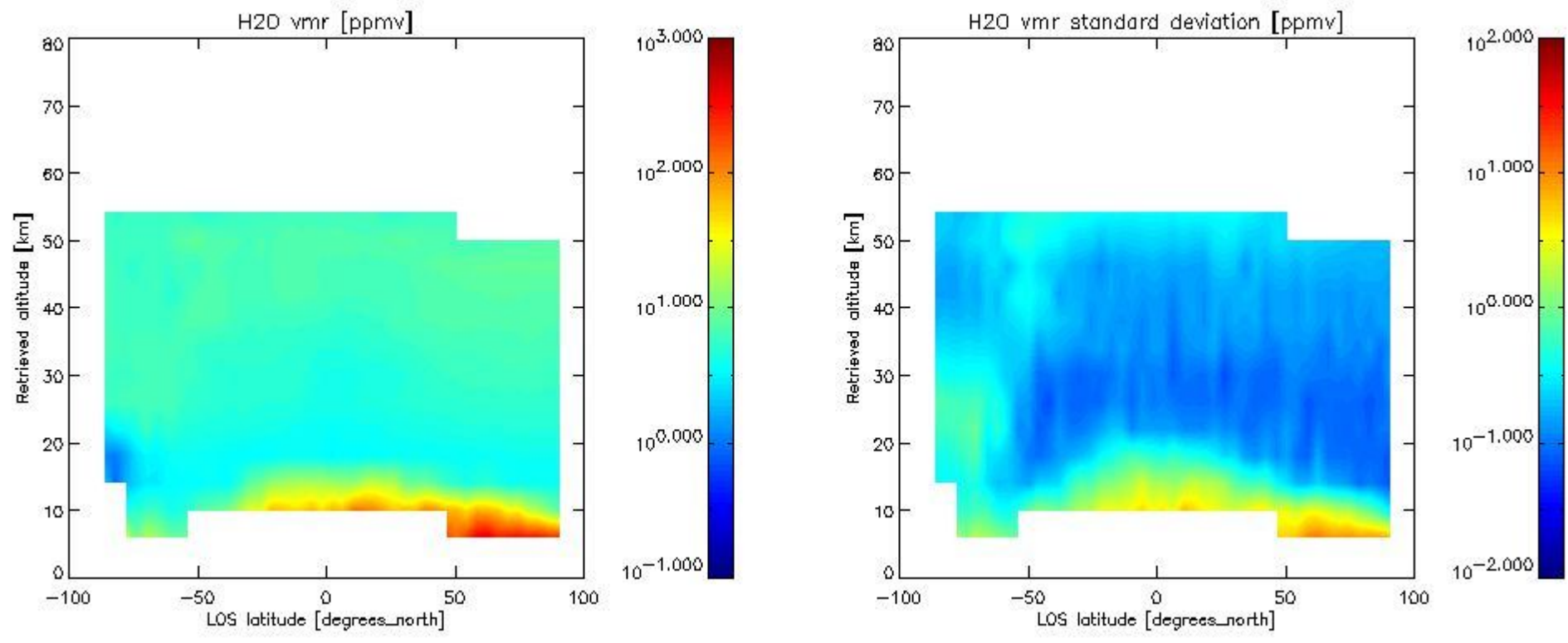
2.2.3 Temperature overview

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

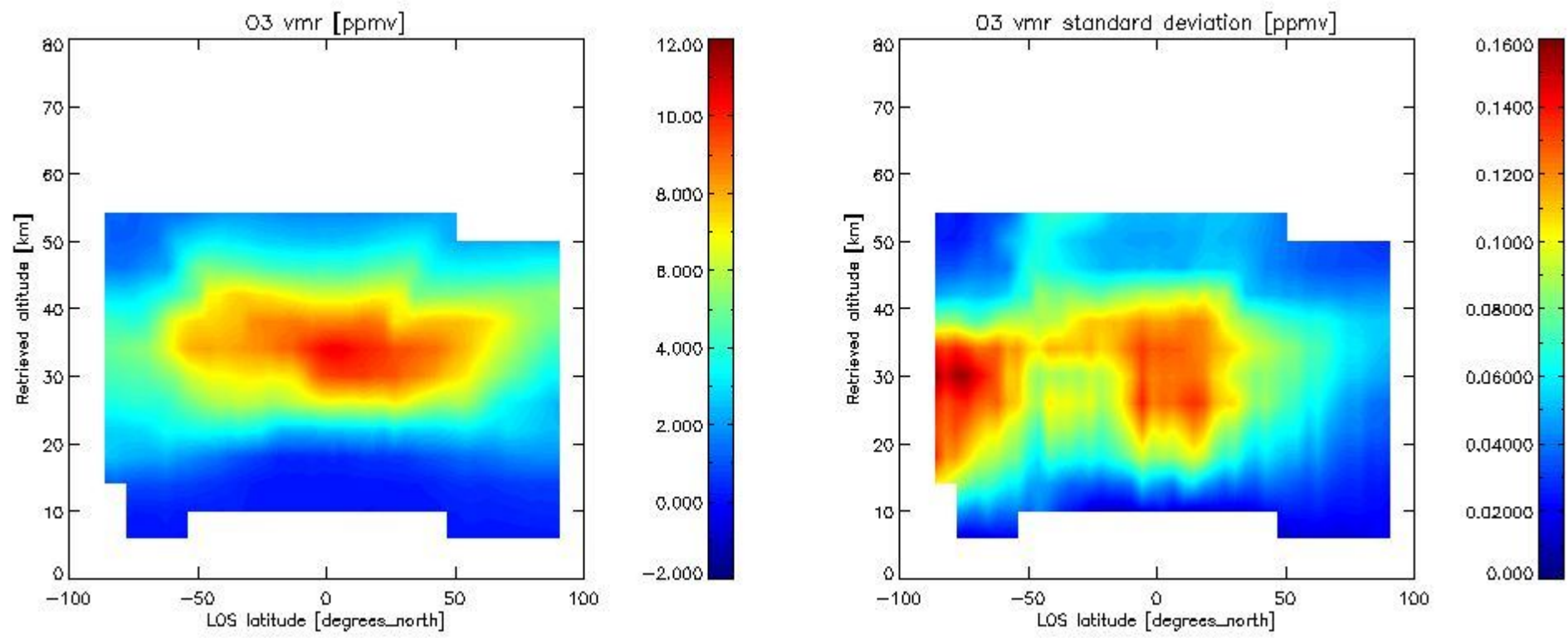


2.2.4 Species overview

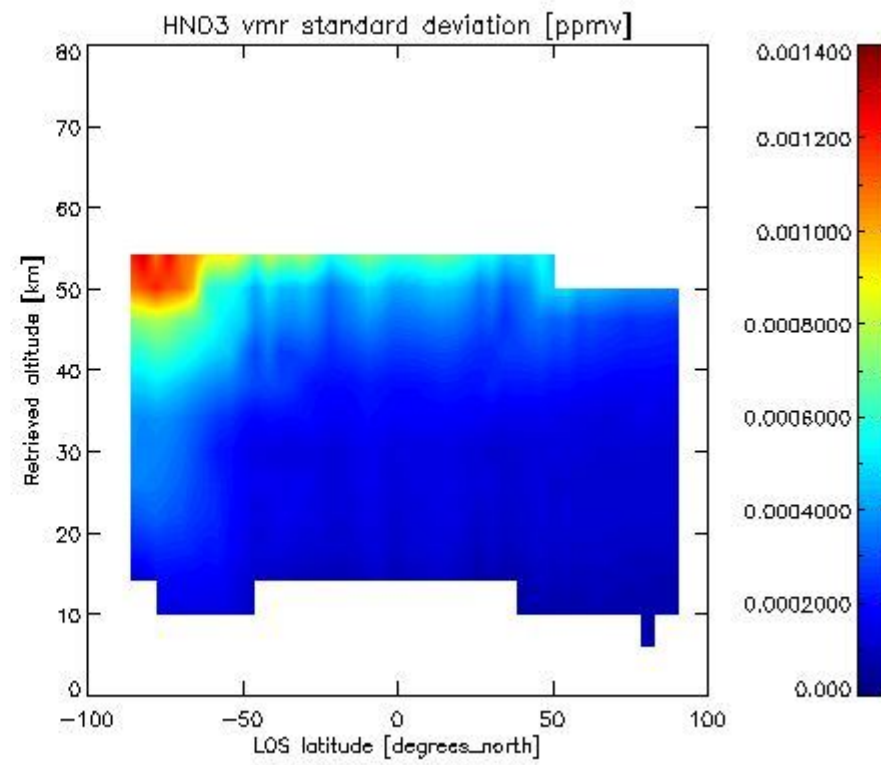
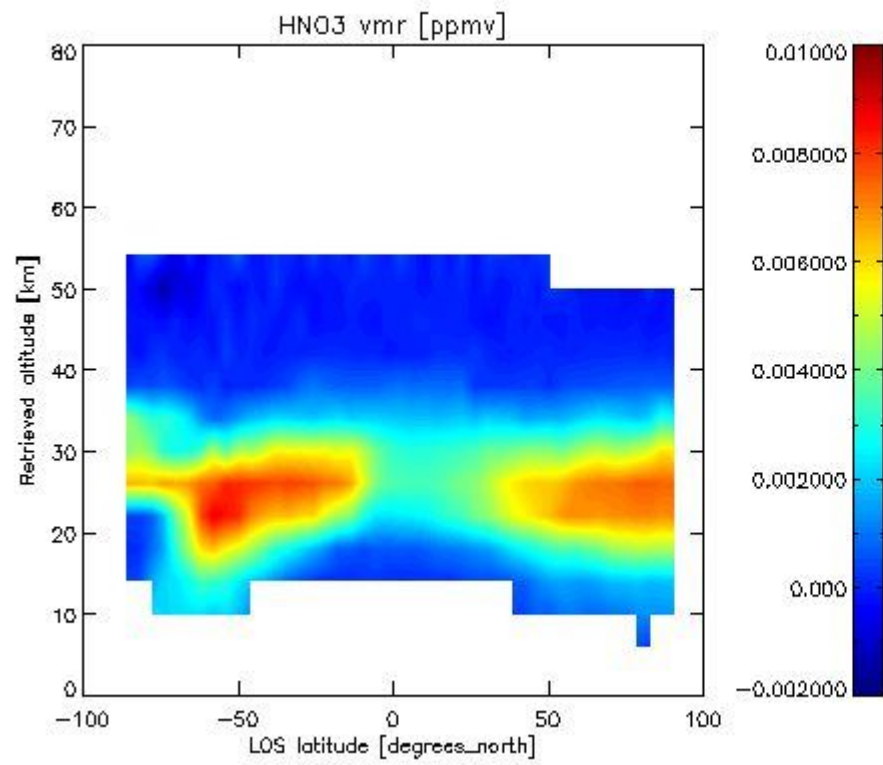
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



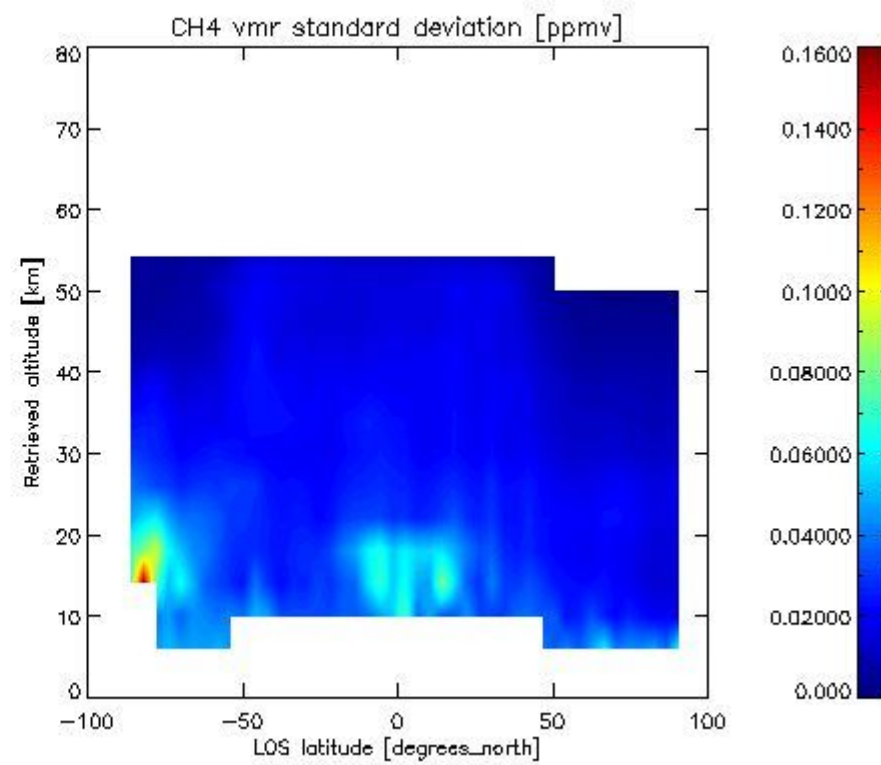
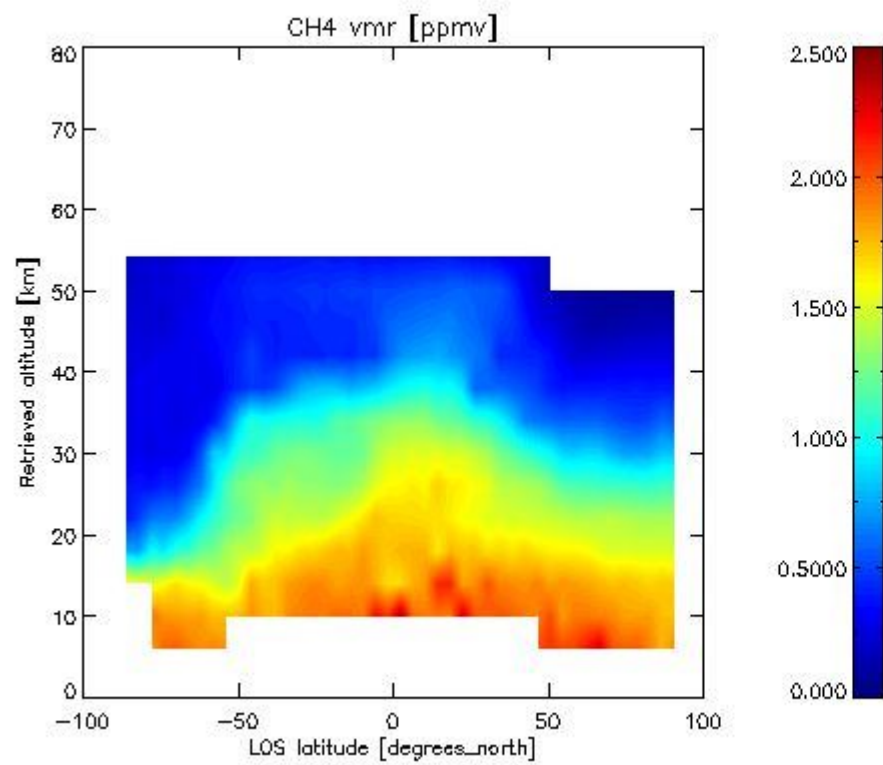
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



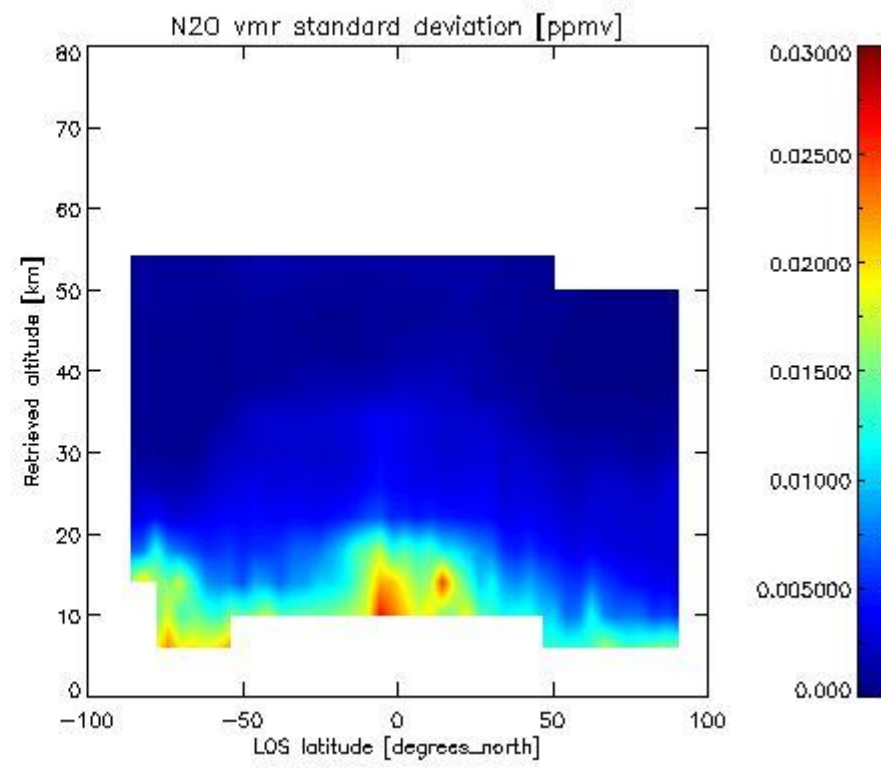
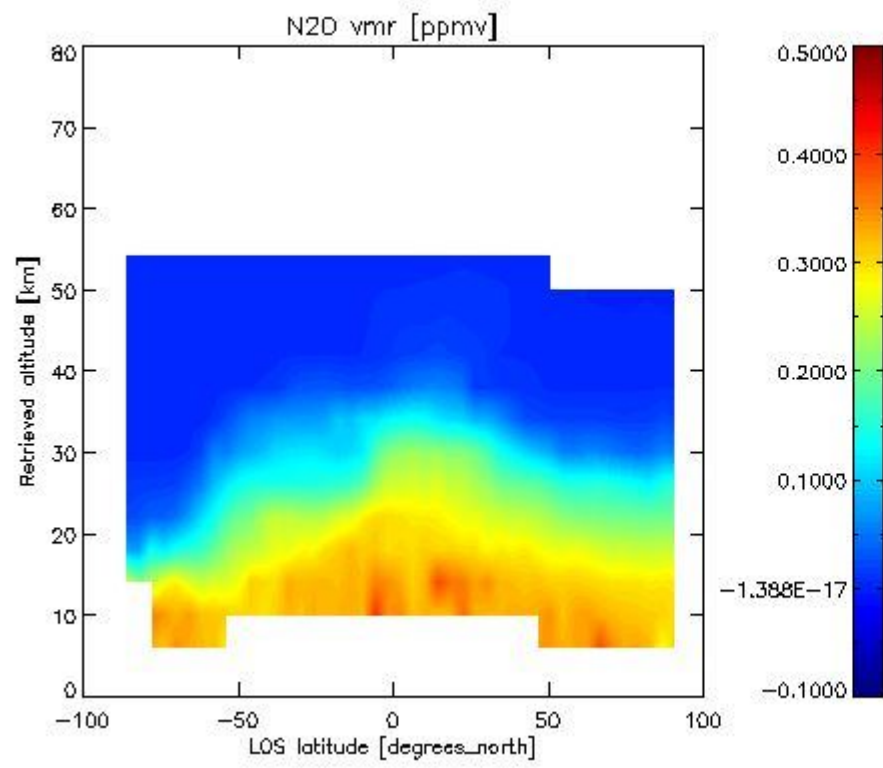
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



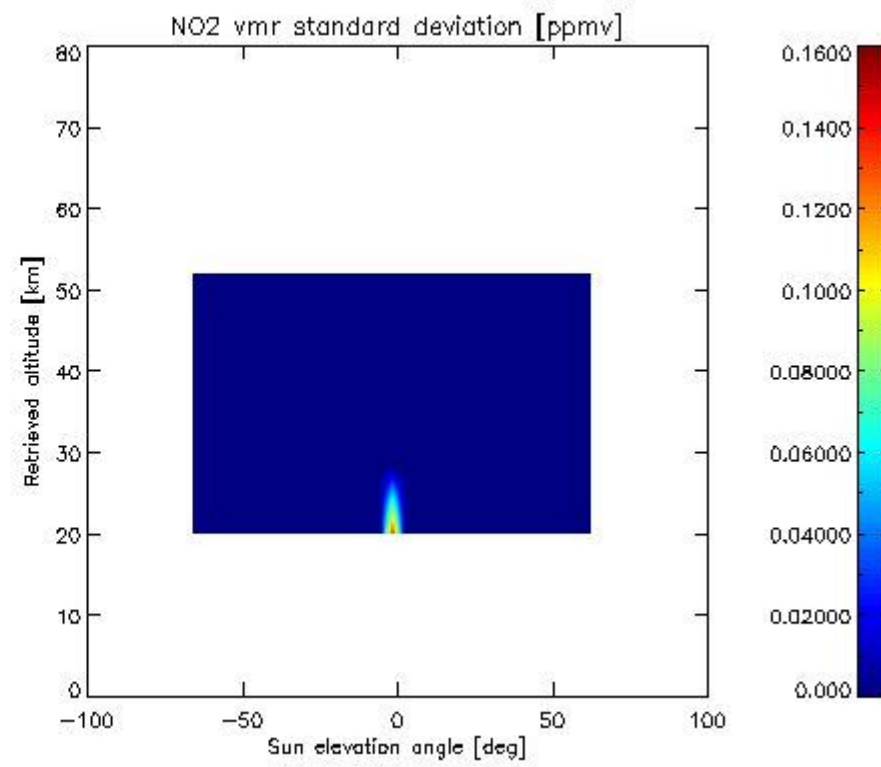
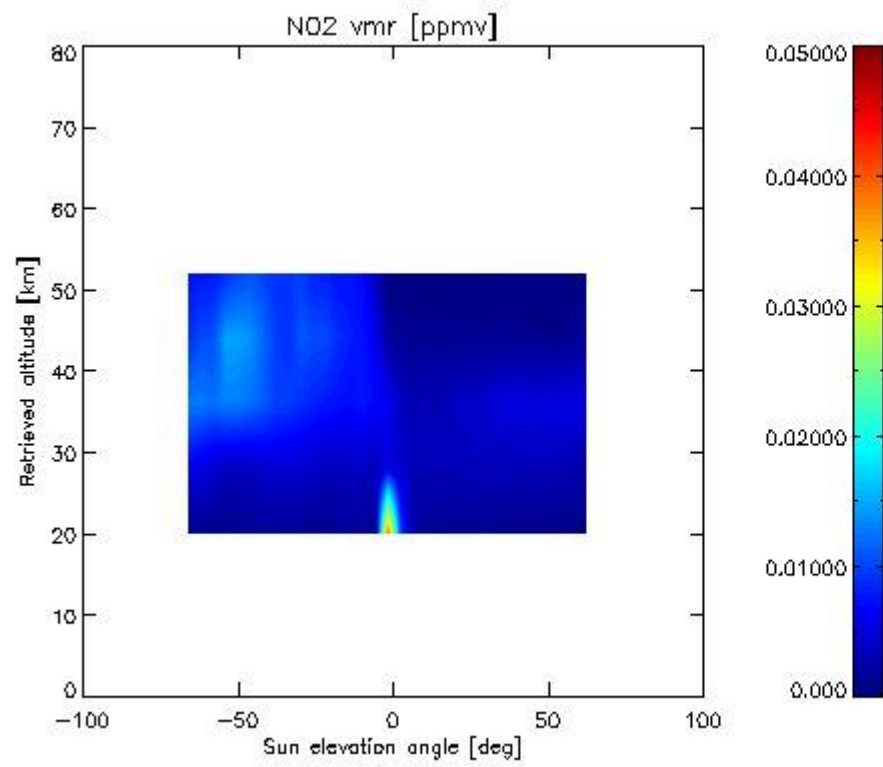
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



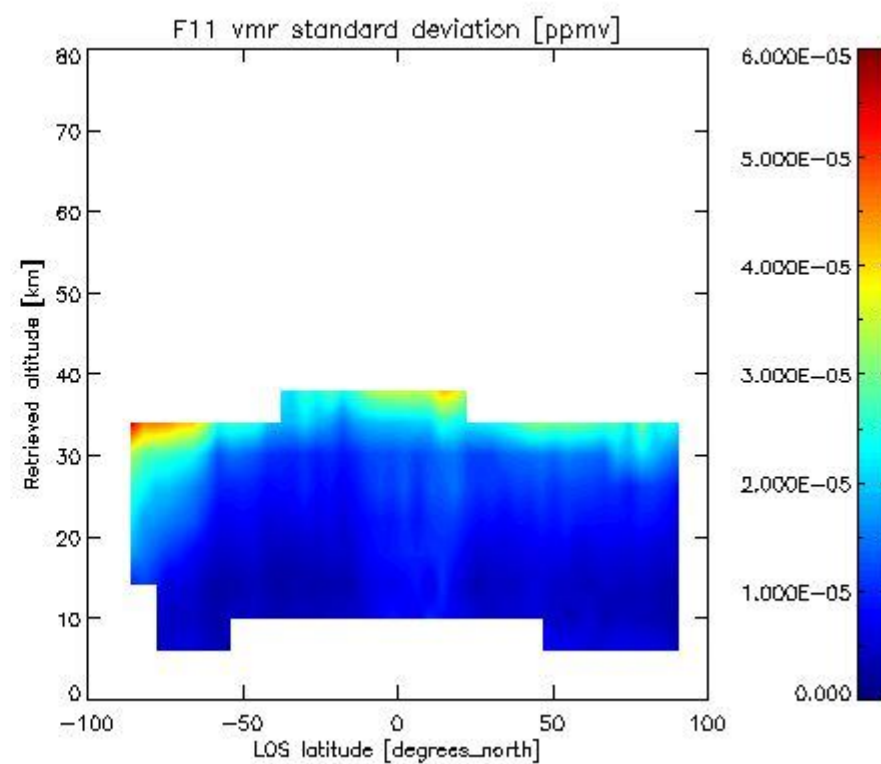
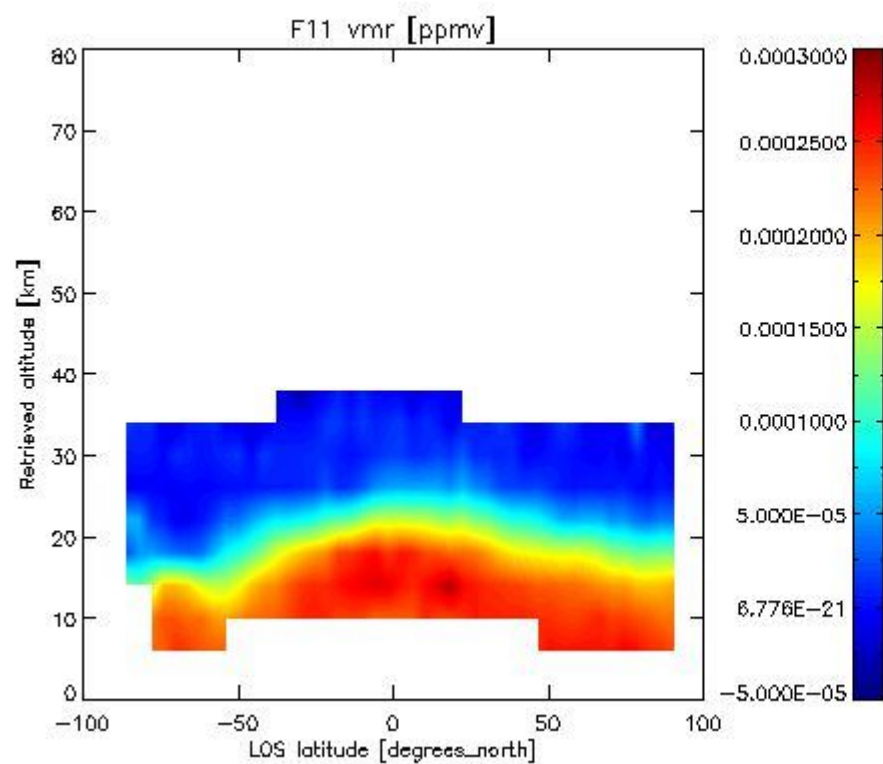
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



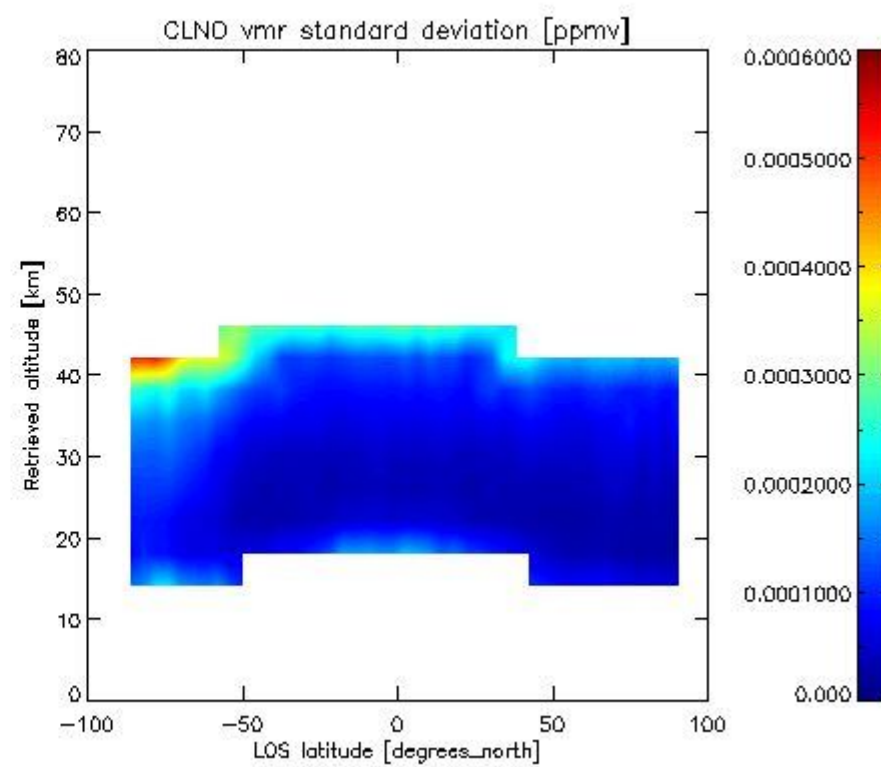
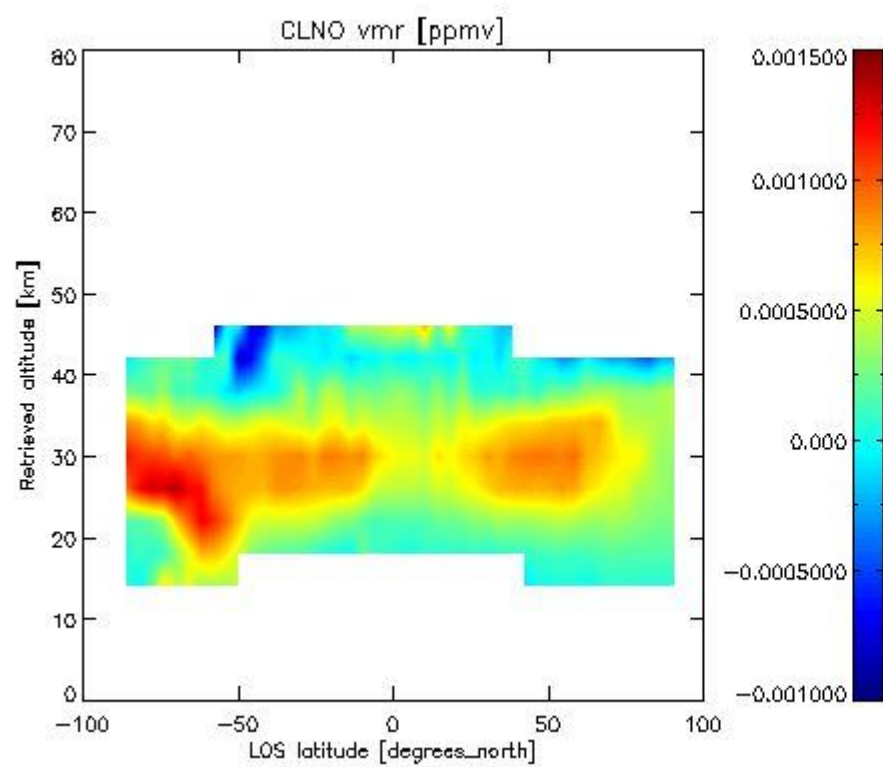
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

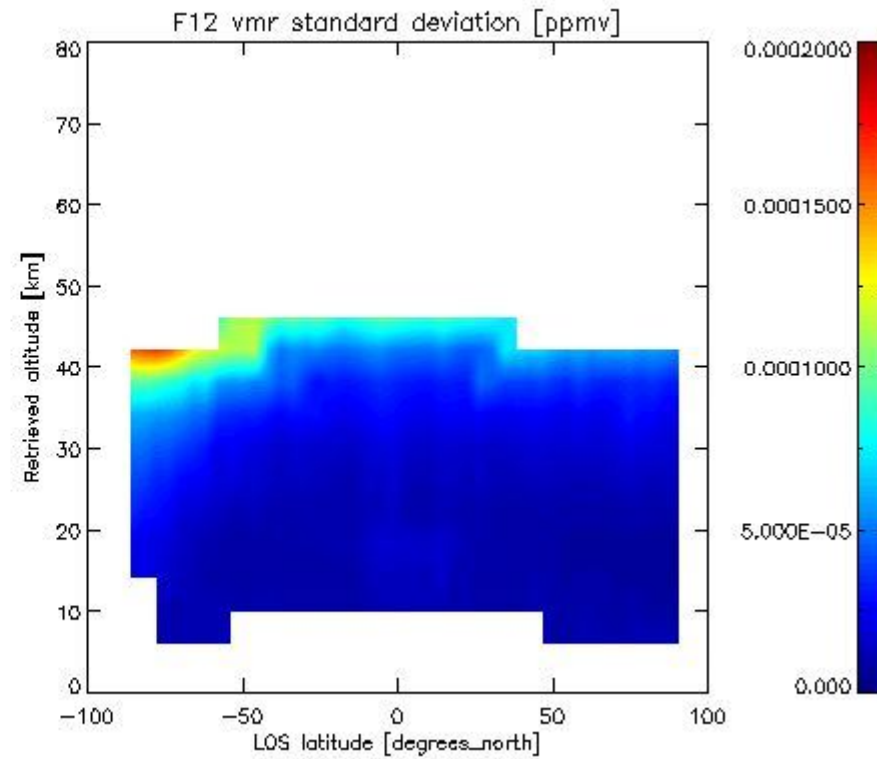
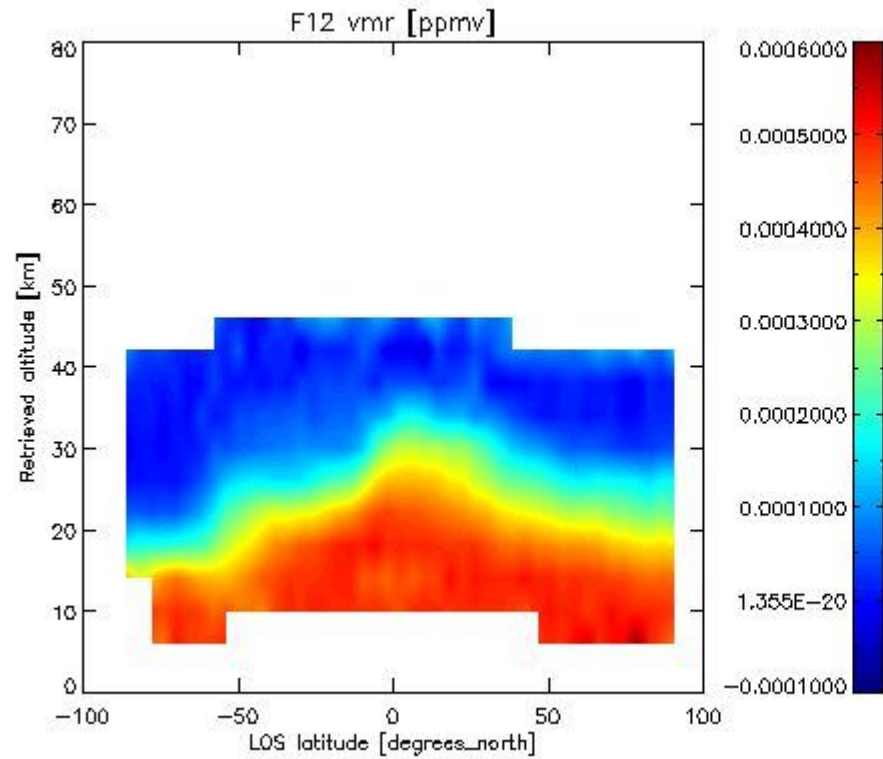
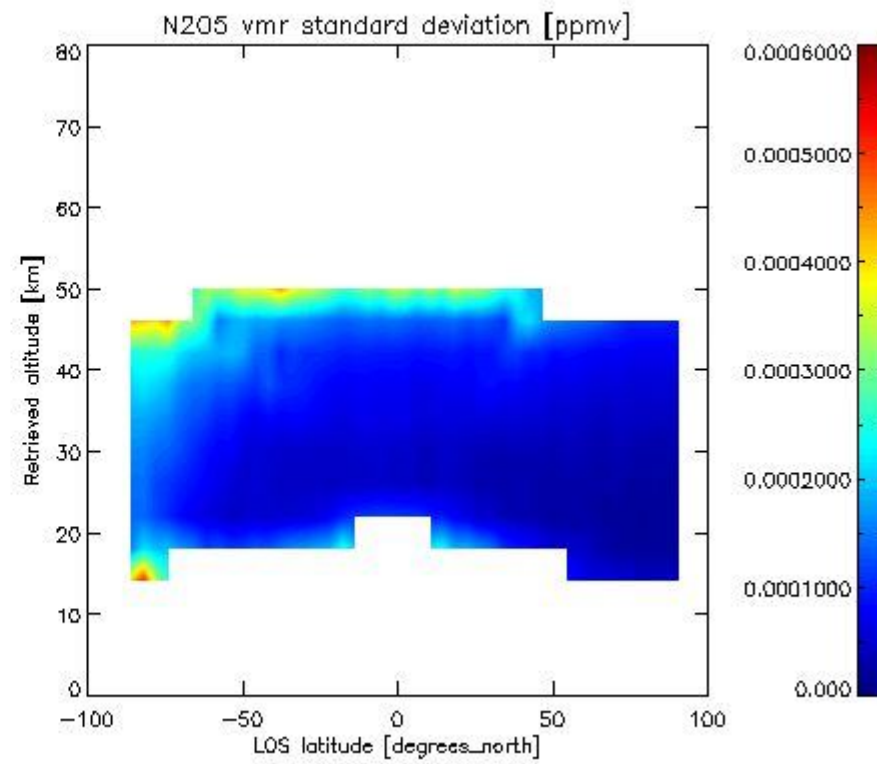
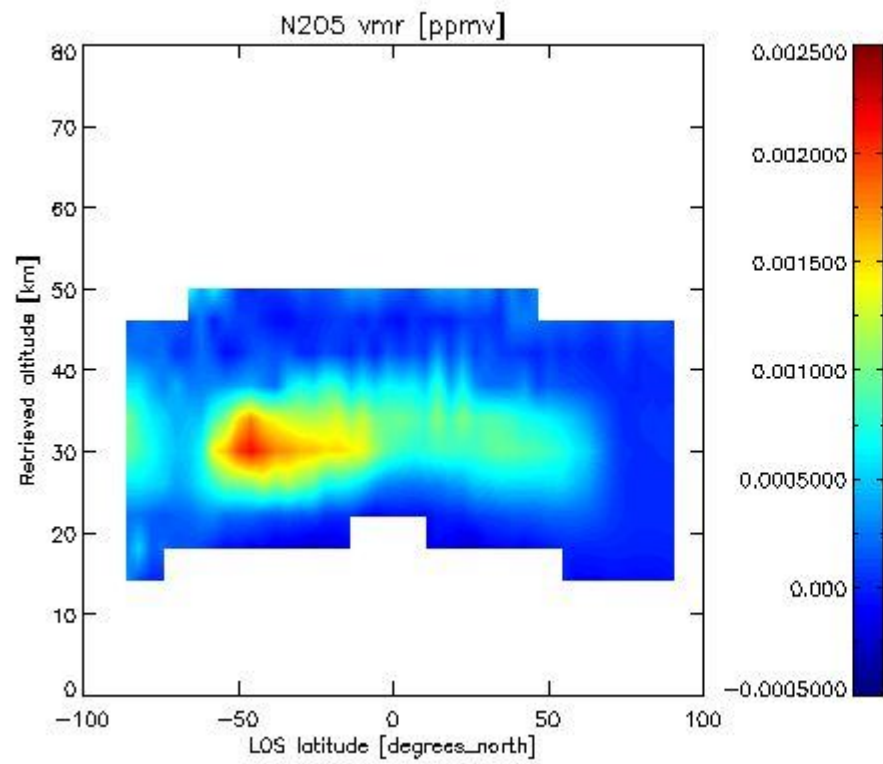


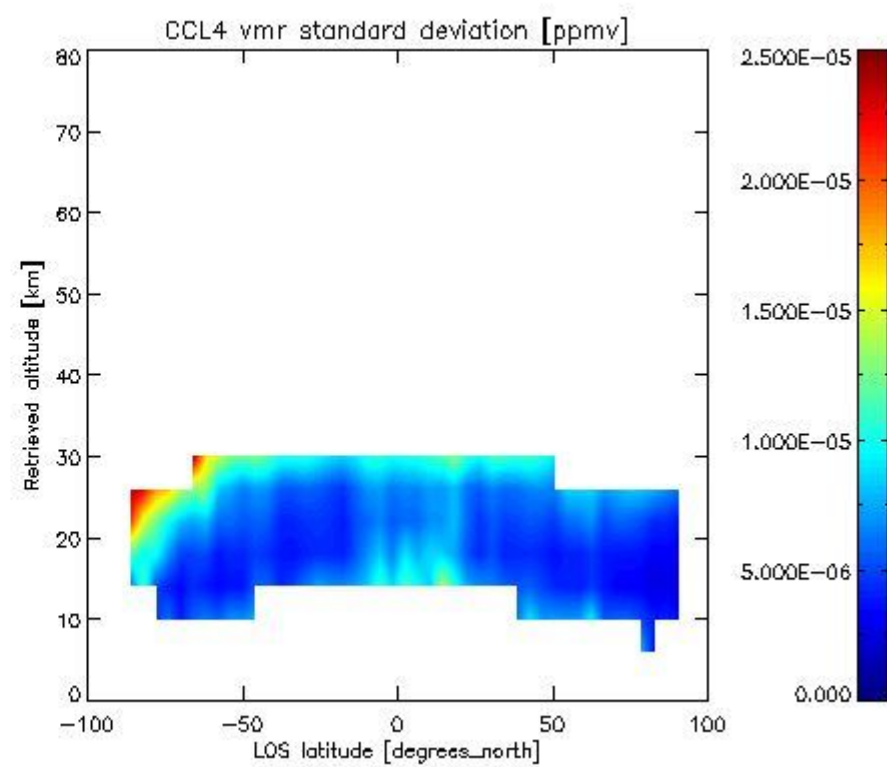
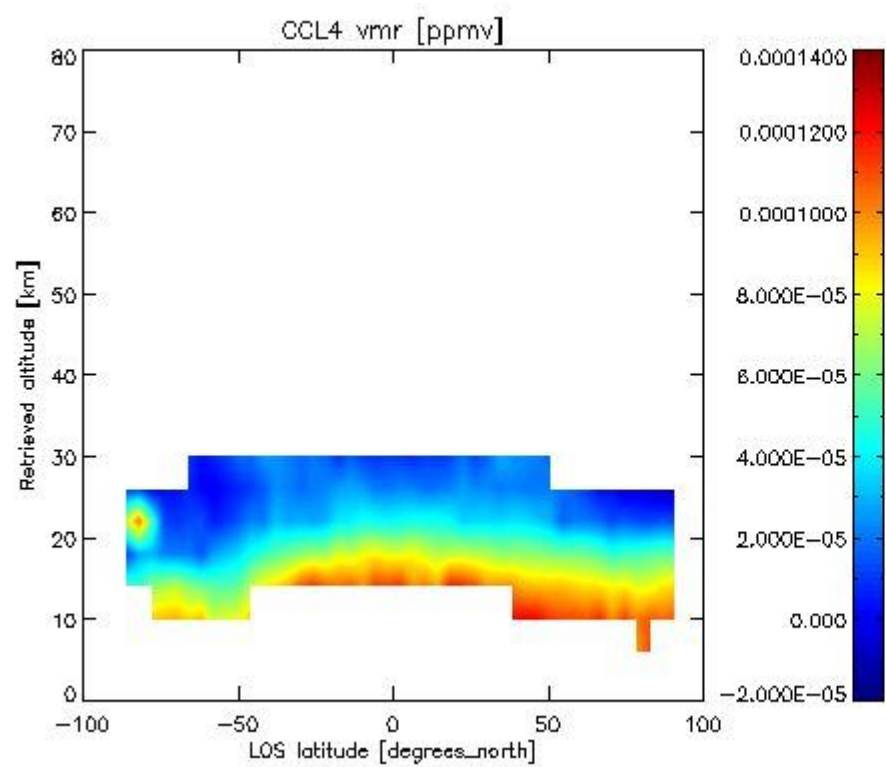
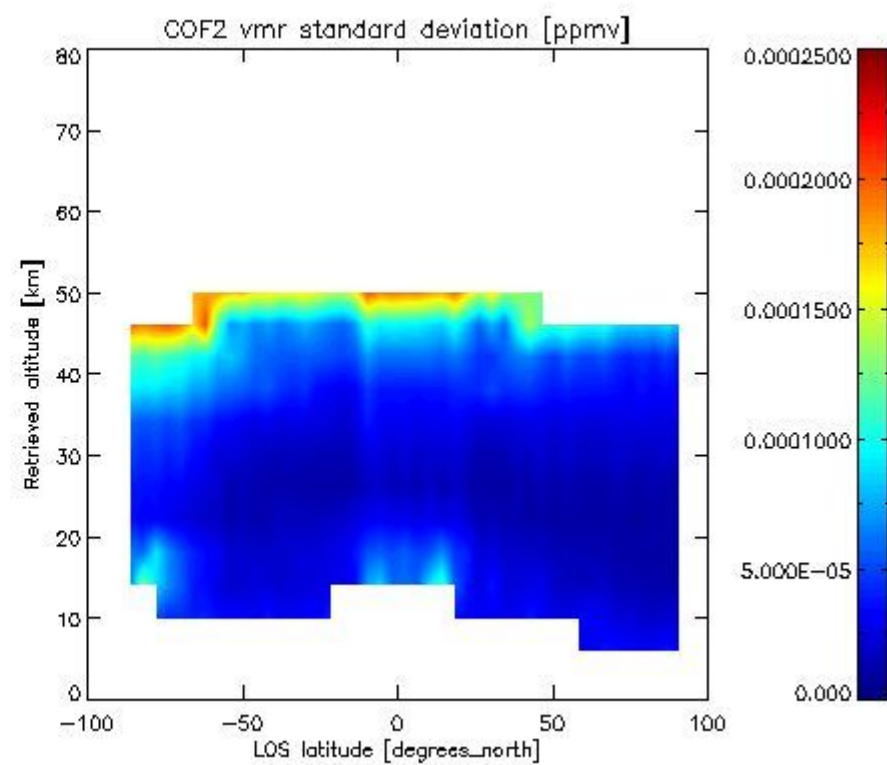
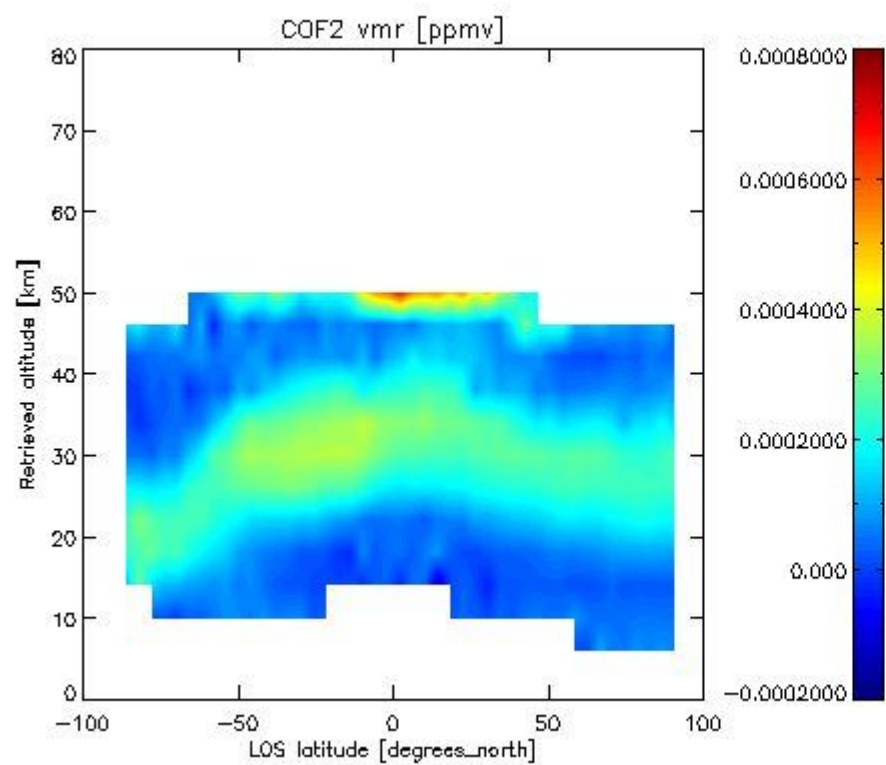
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

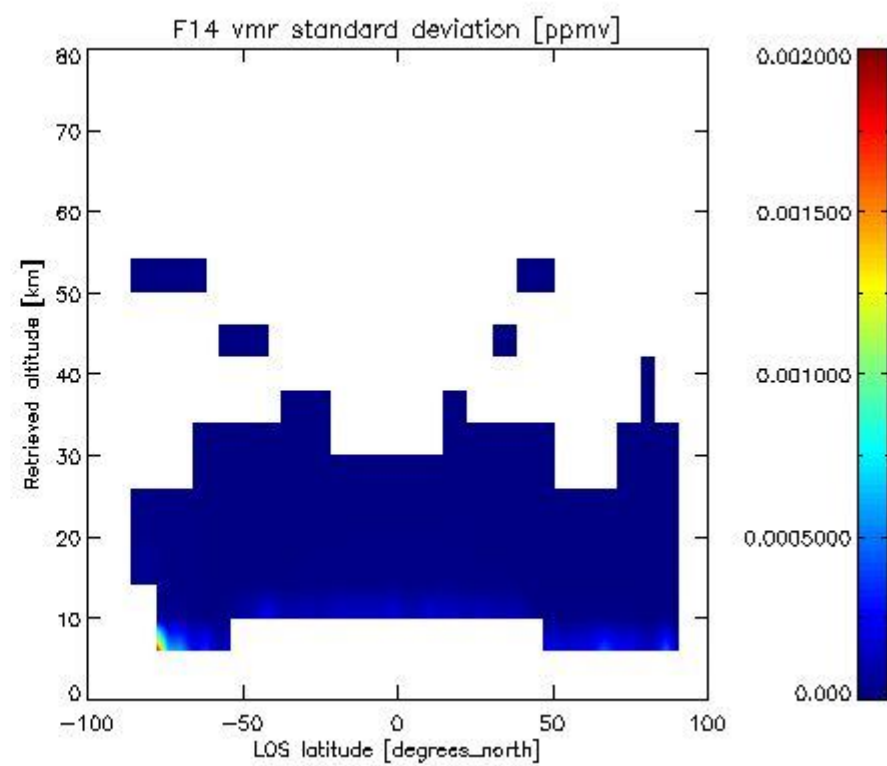
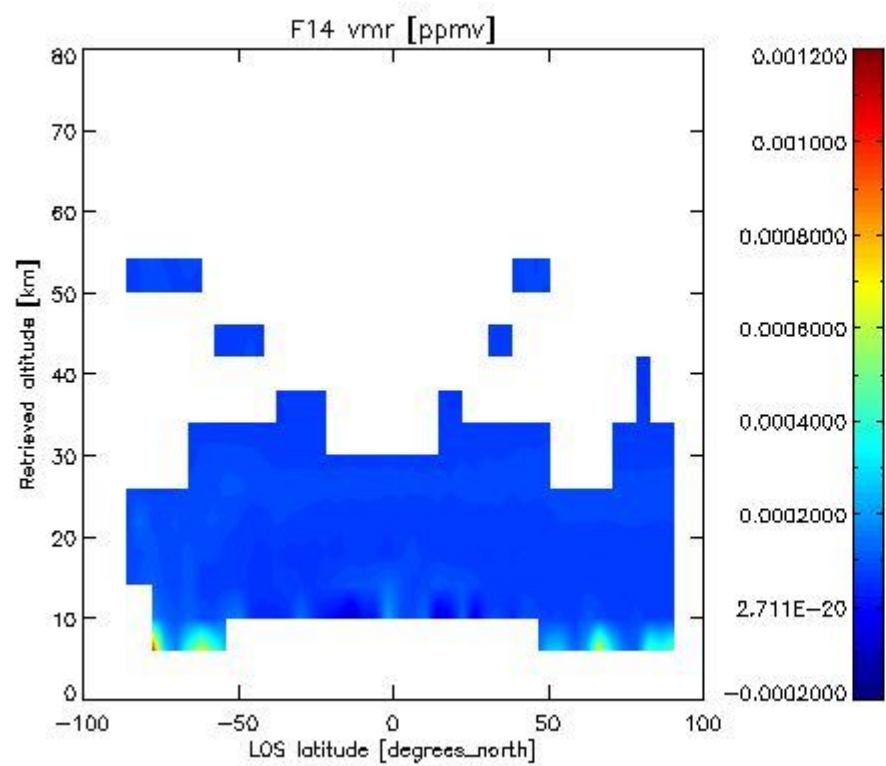
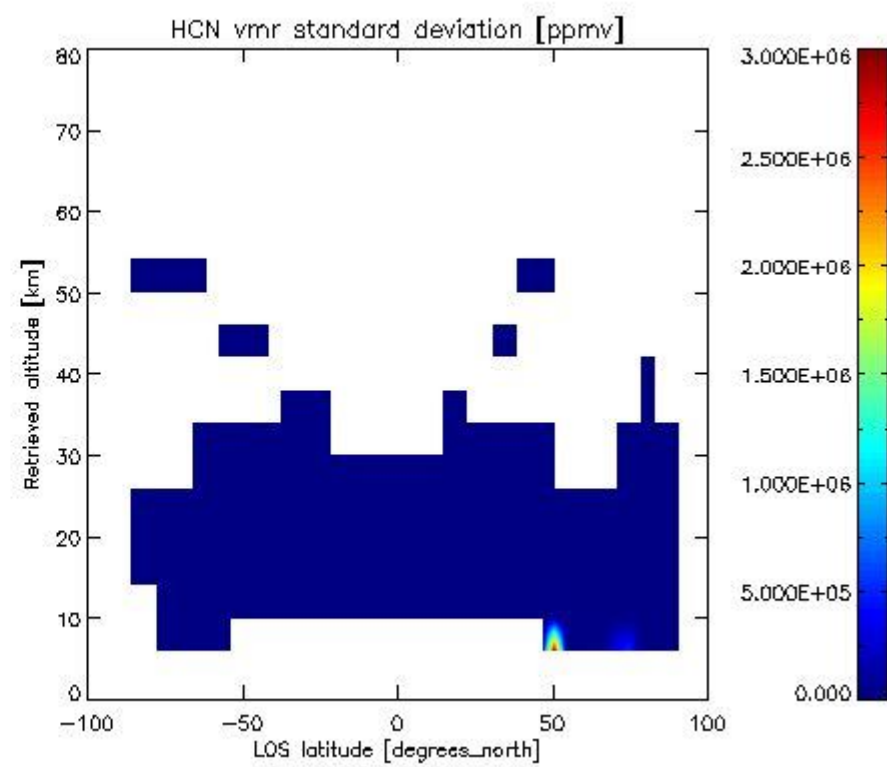
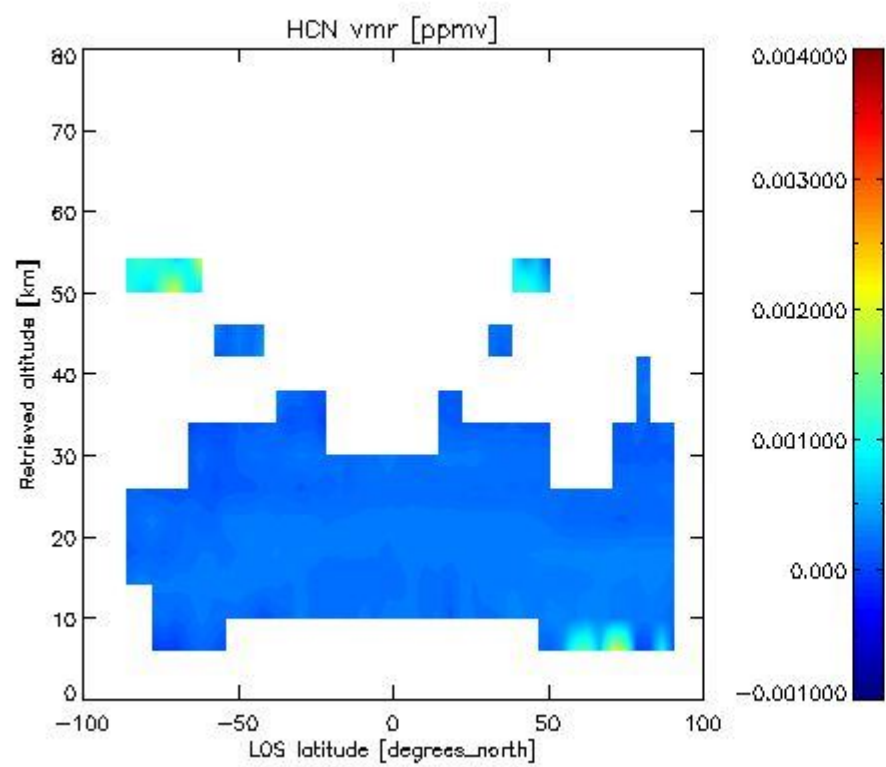


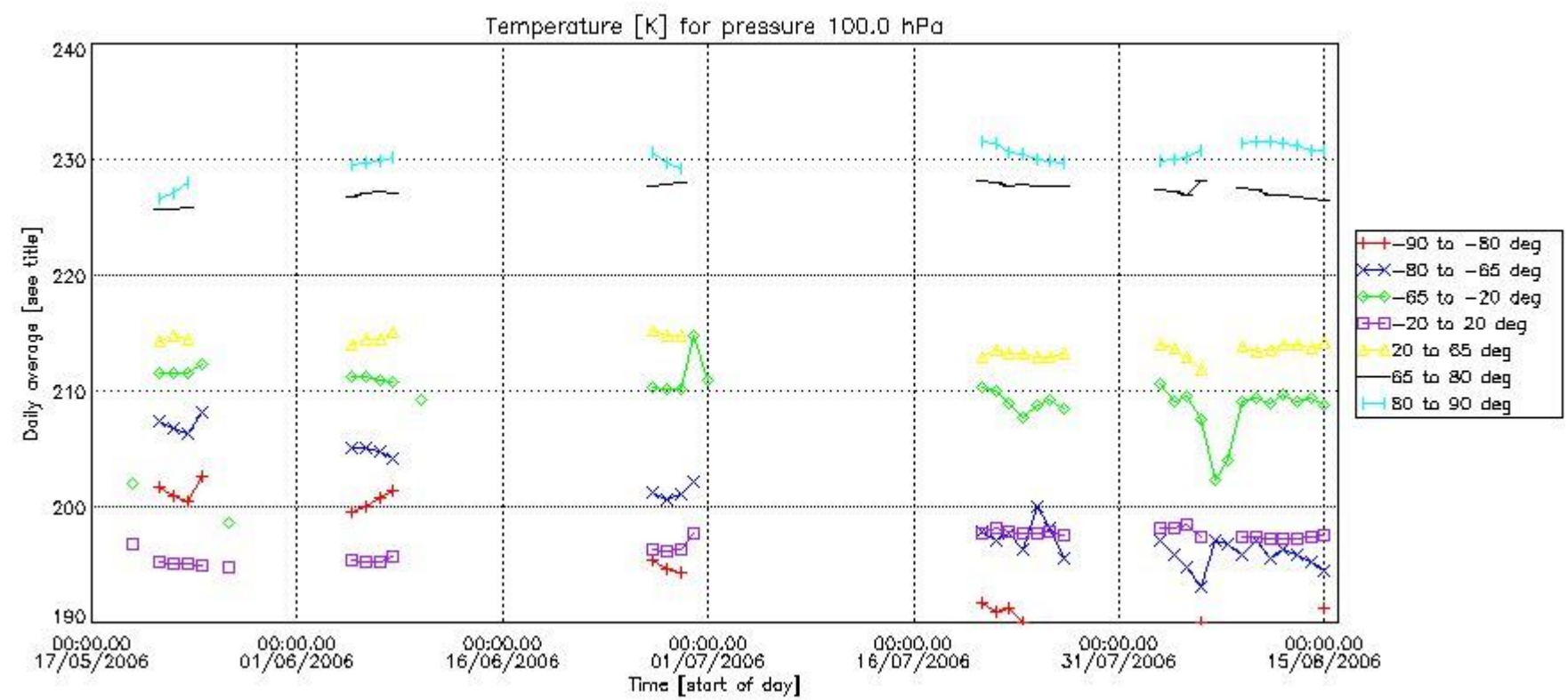
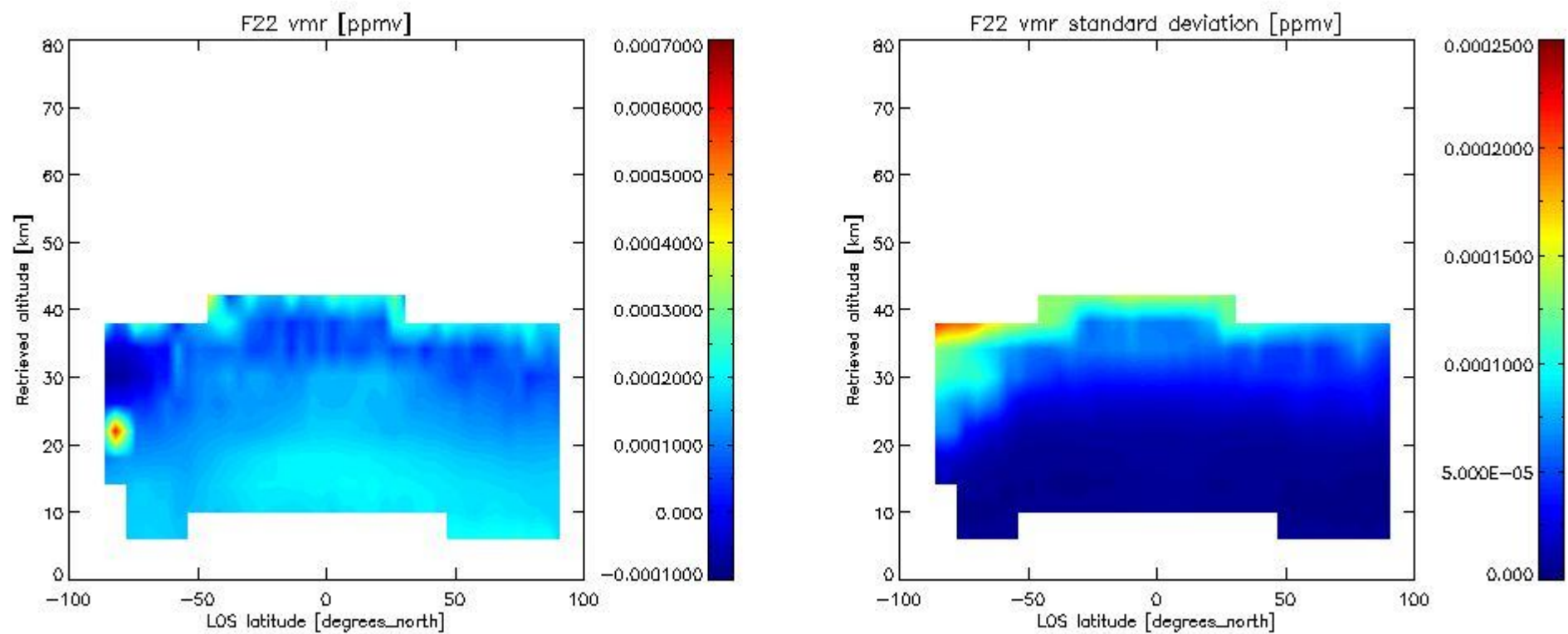
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

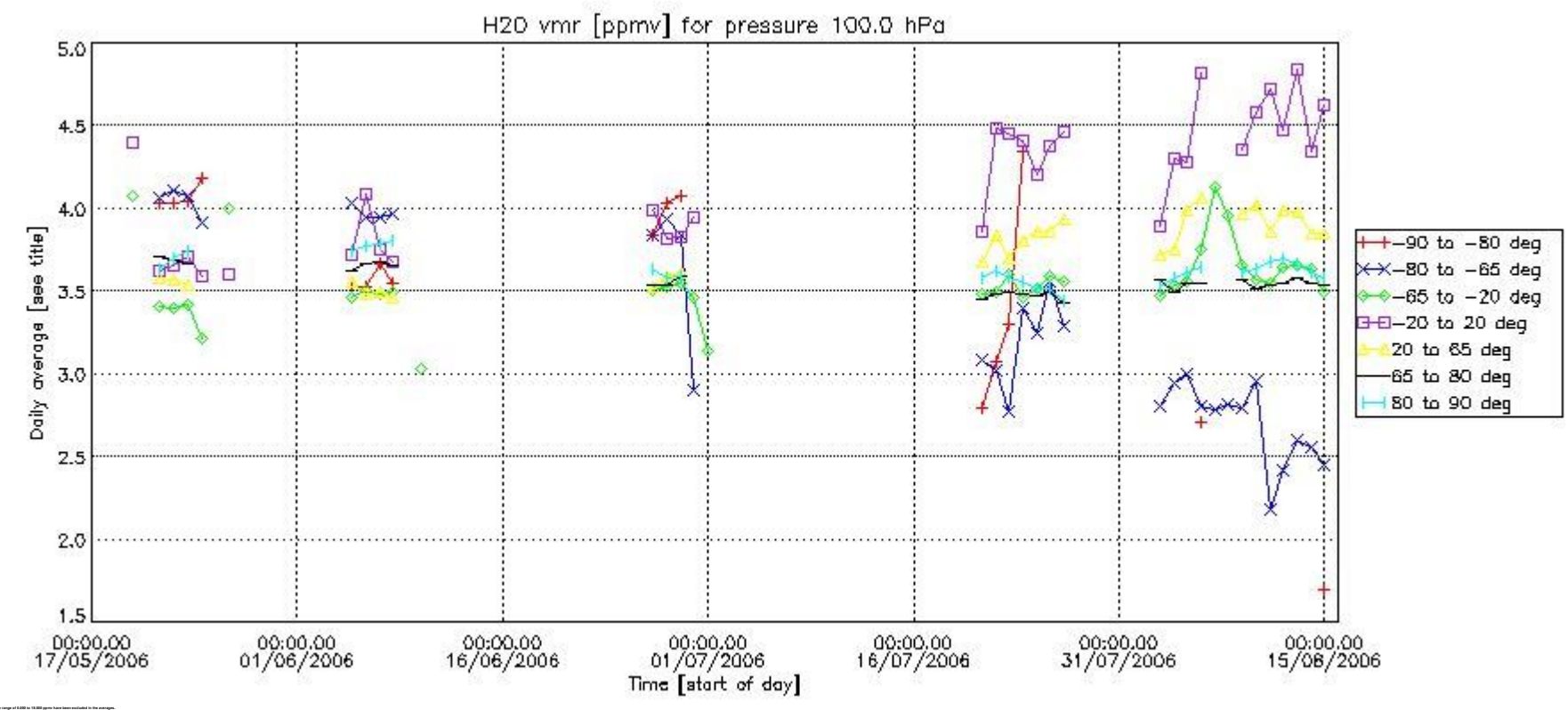
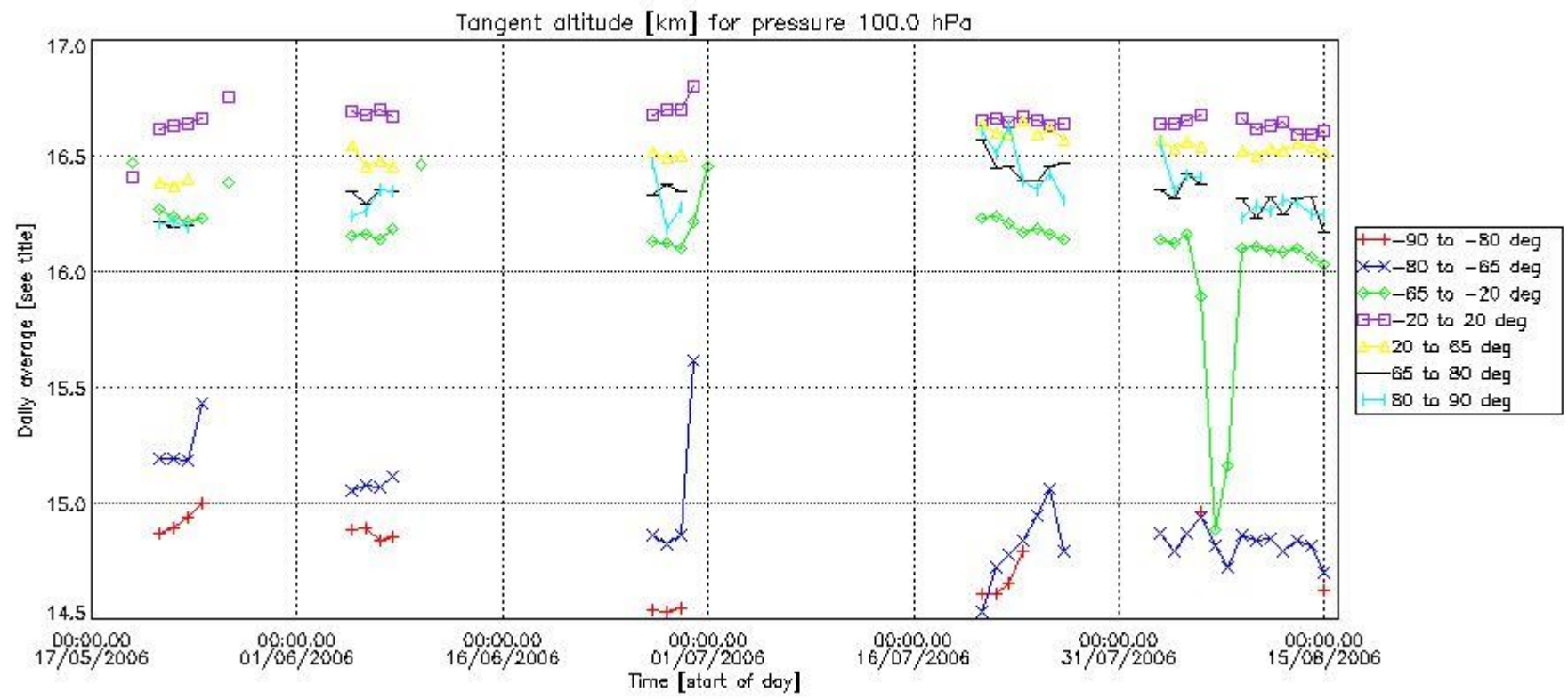


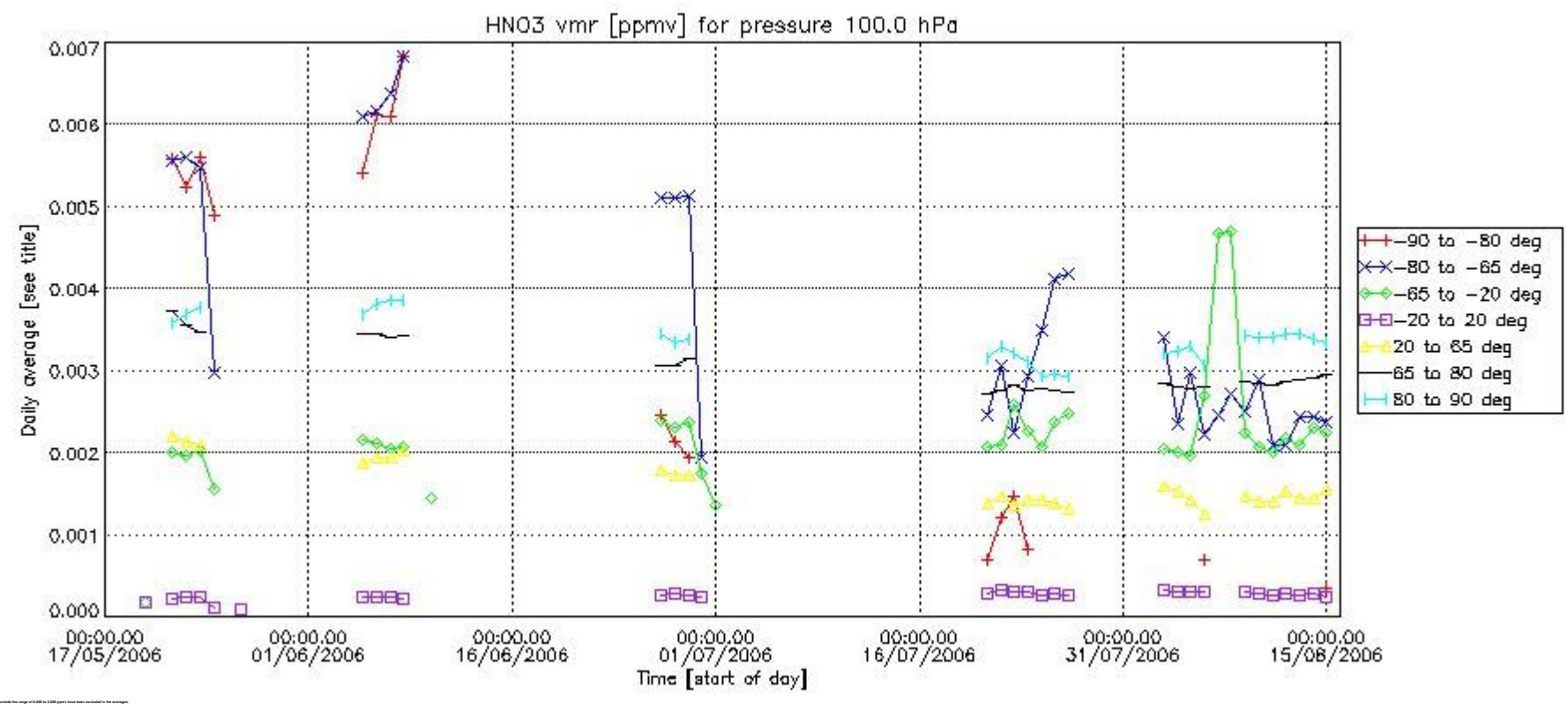
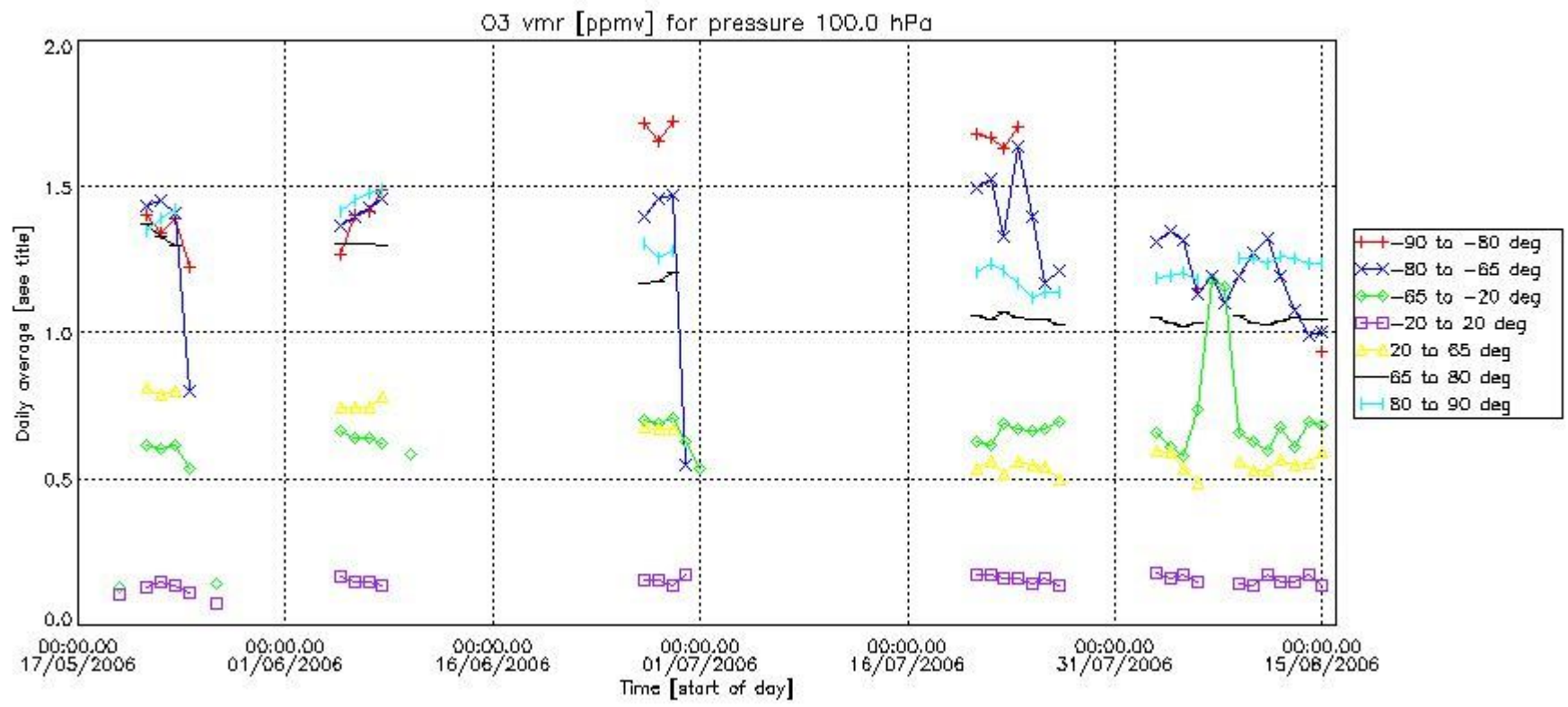


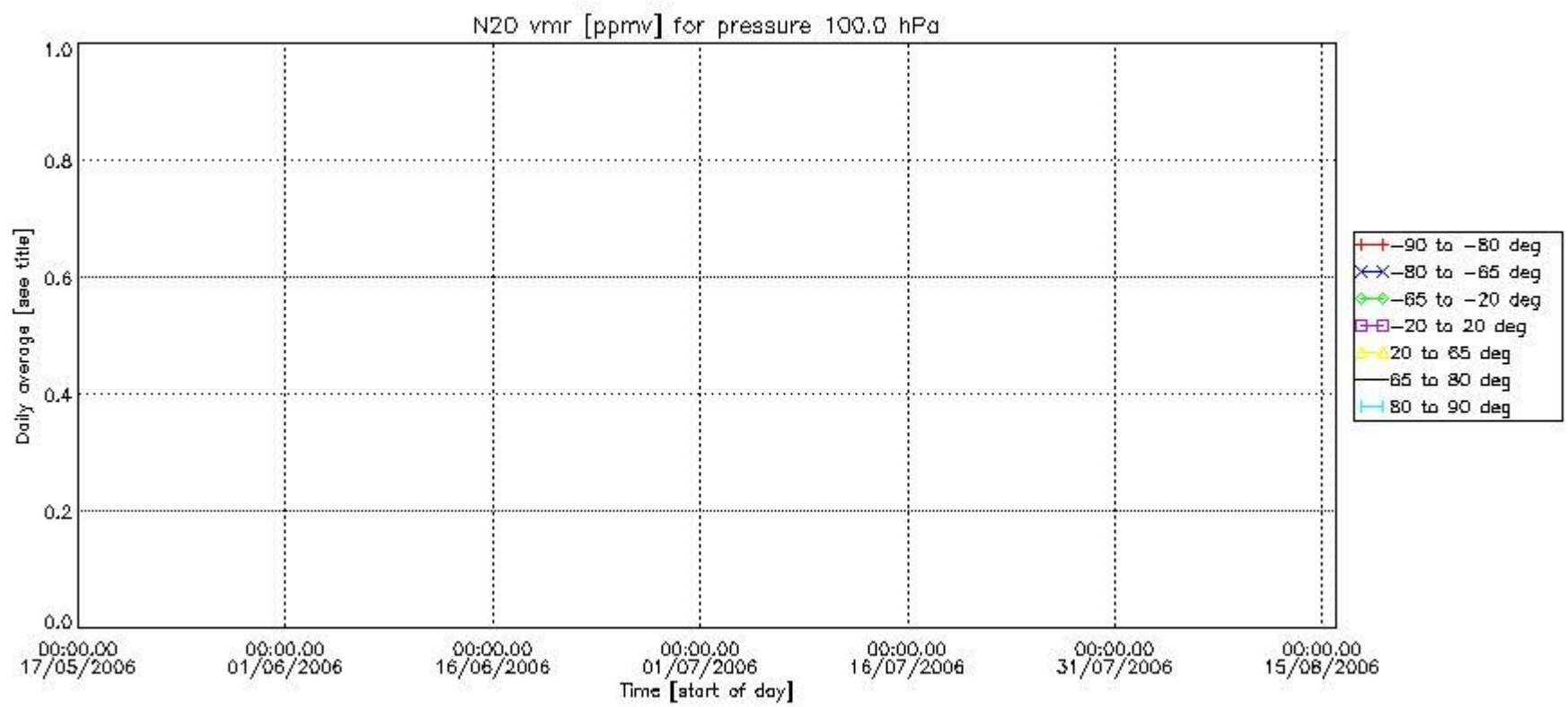
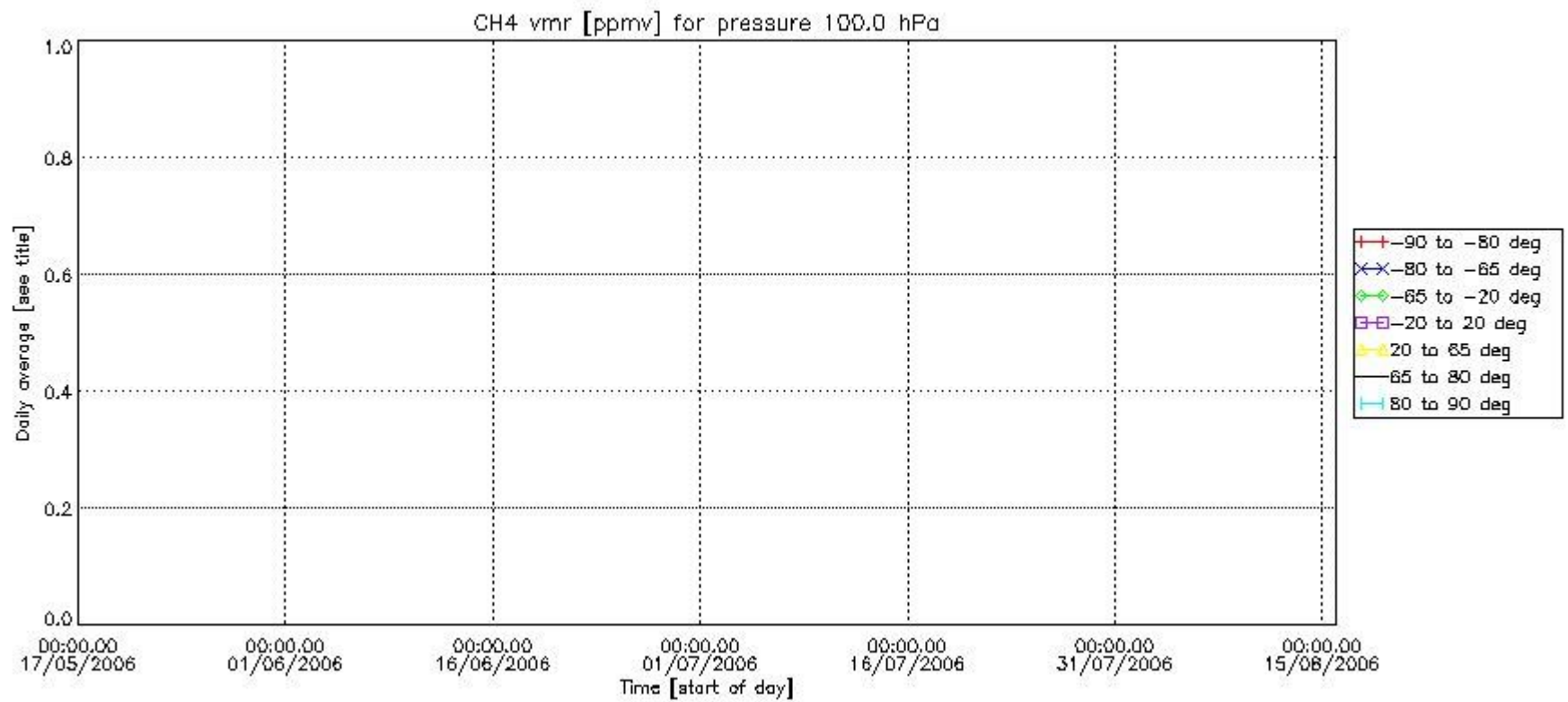


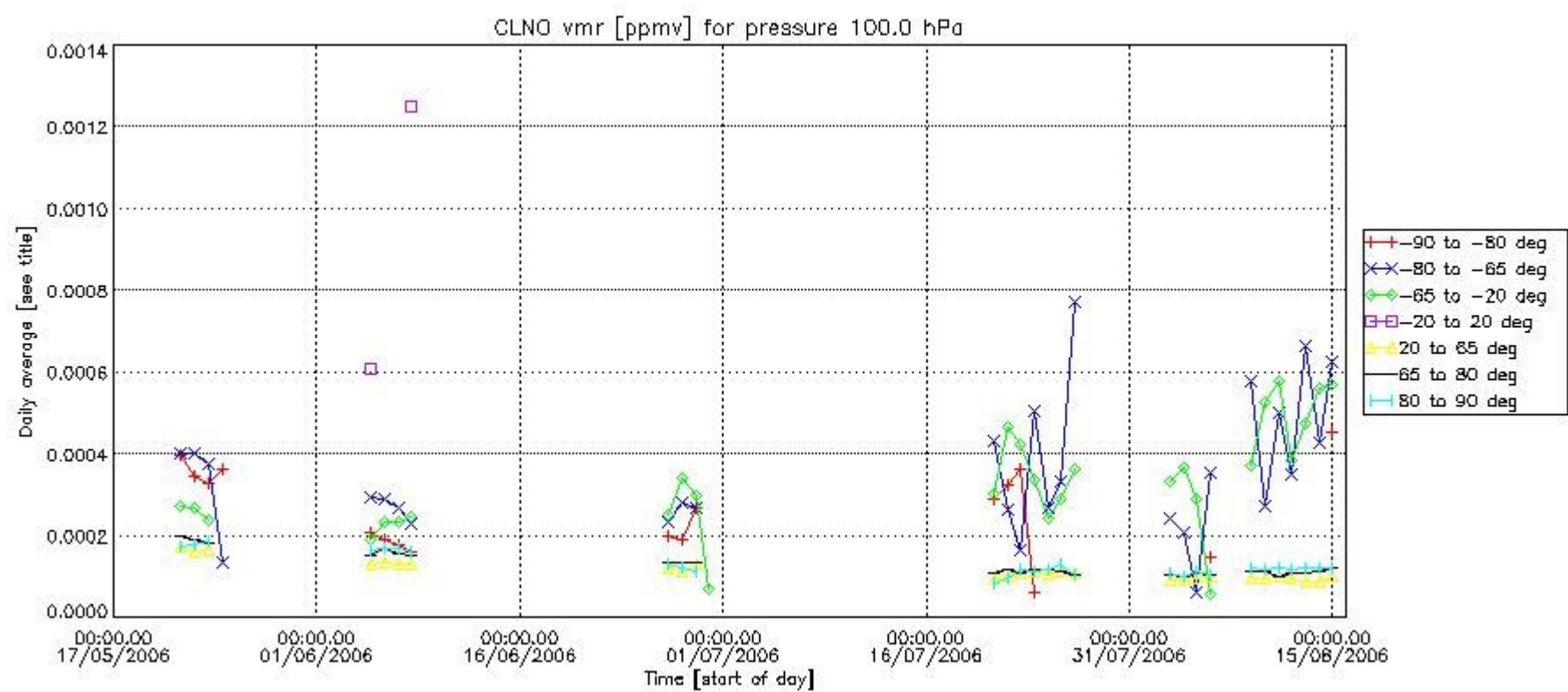
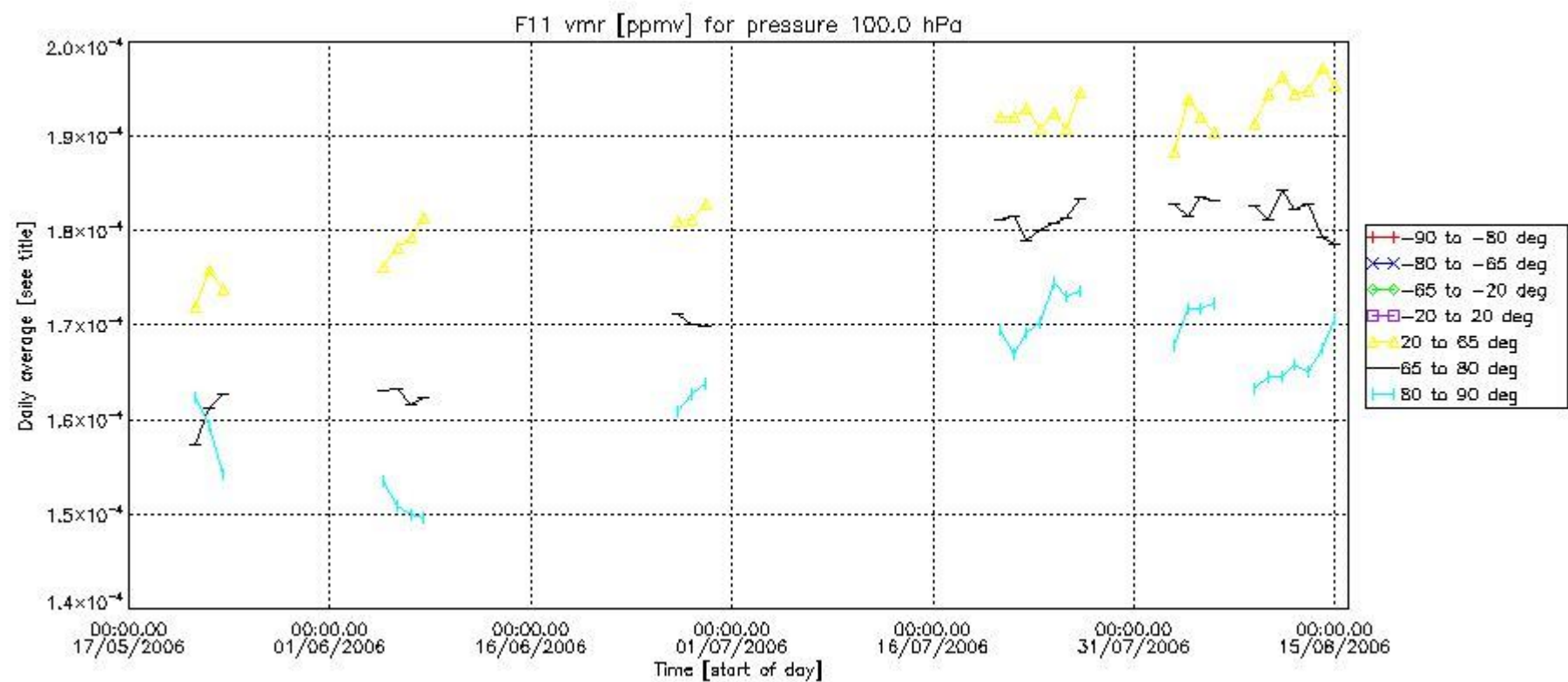


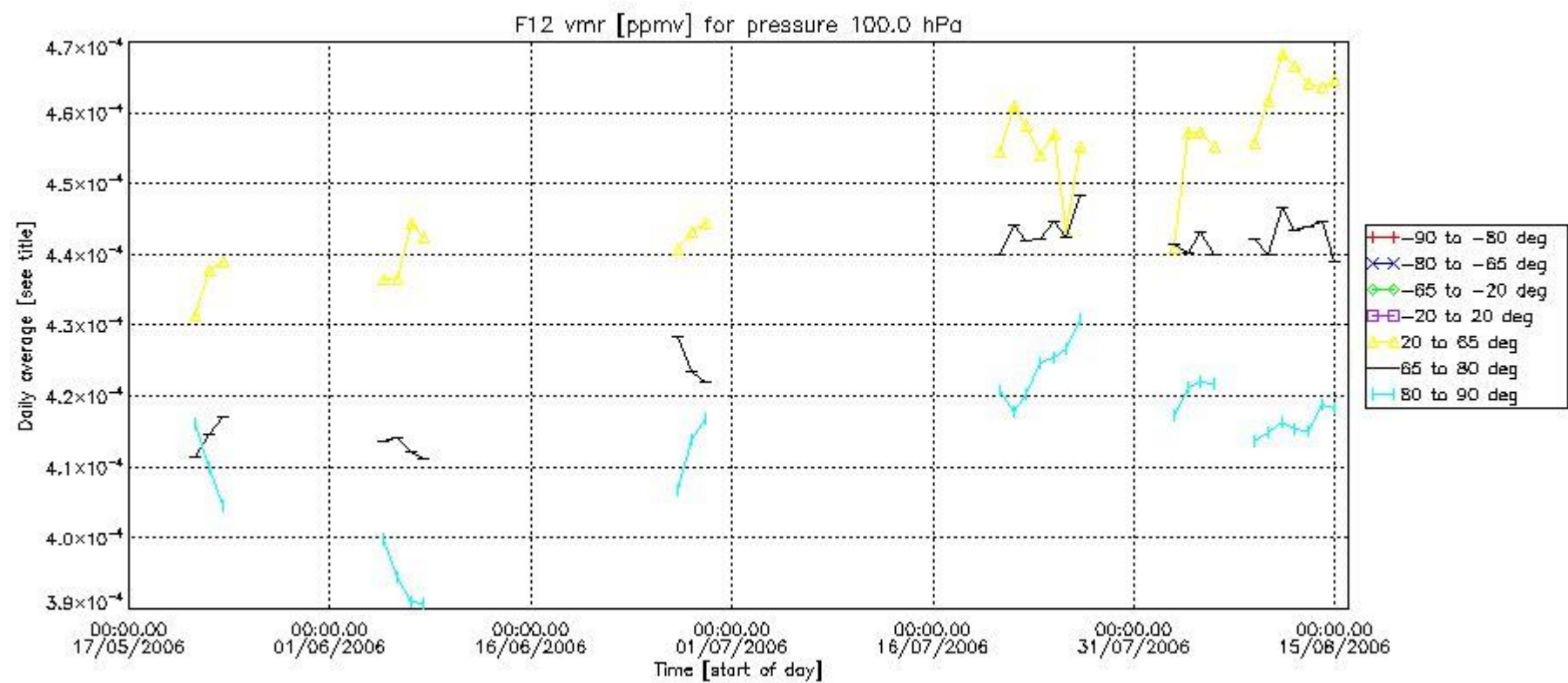
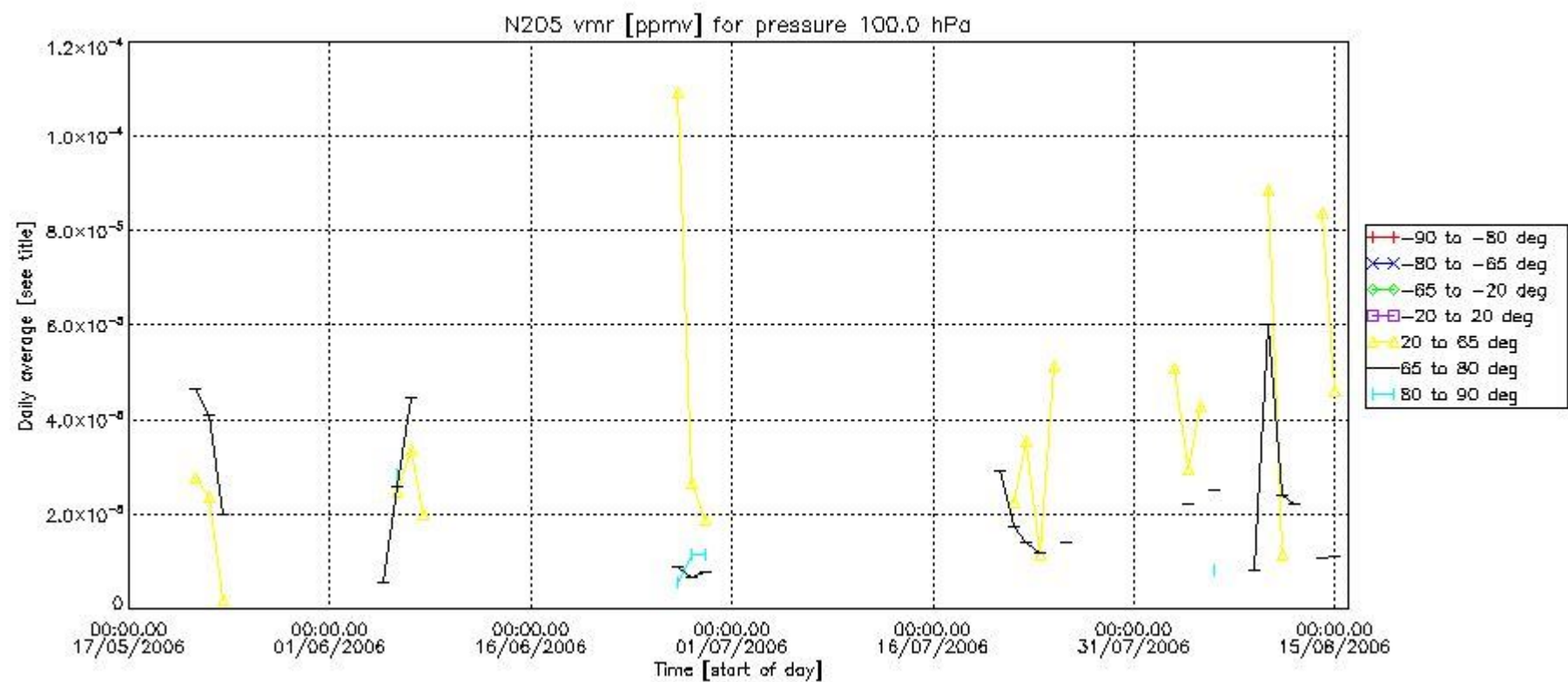


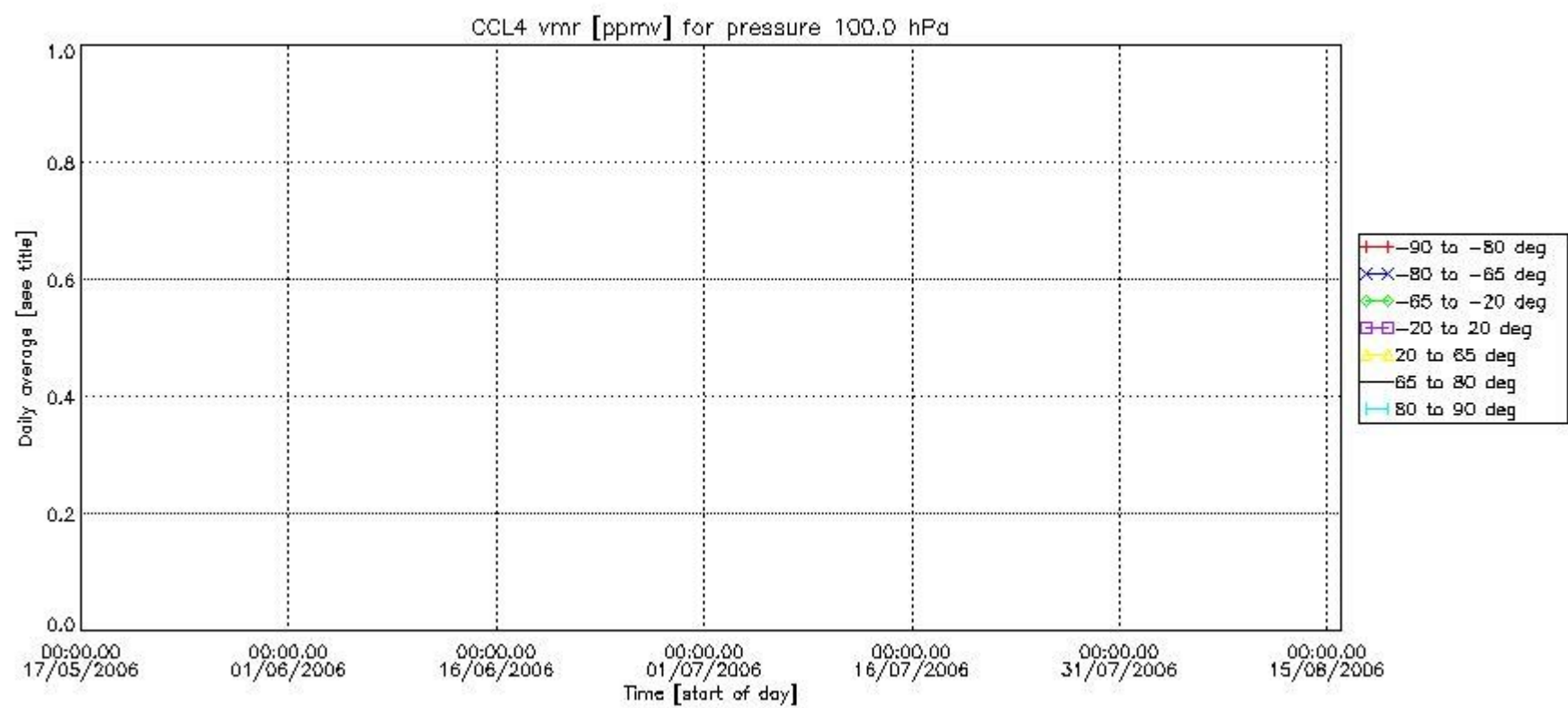
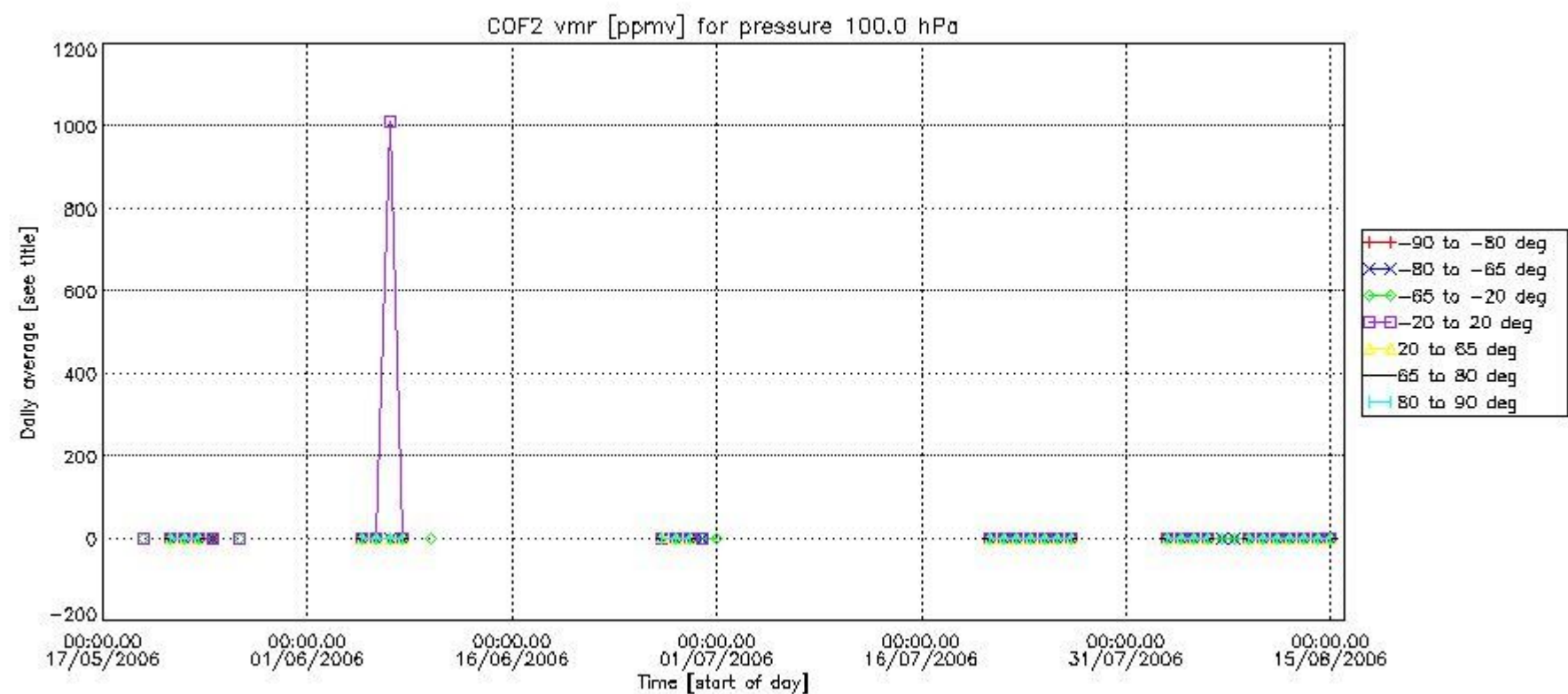


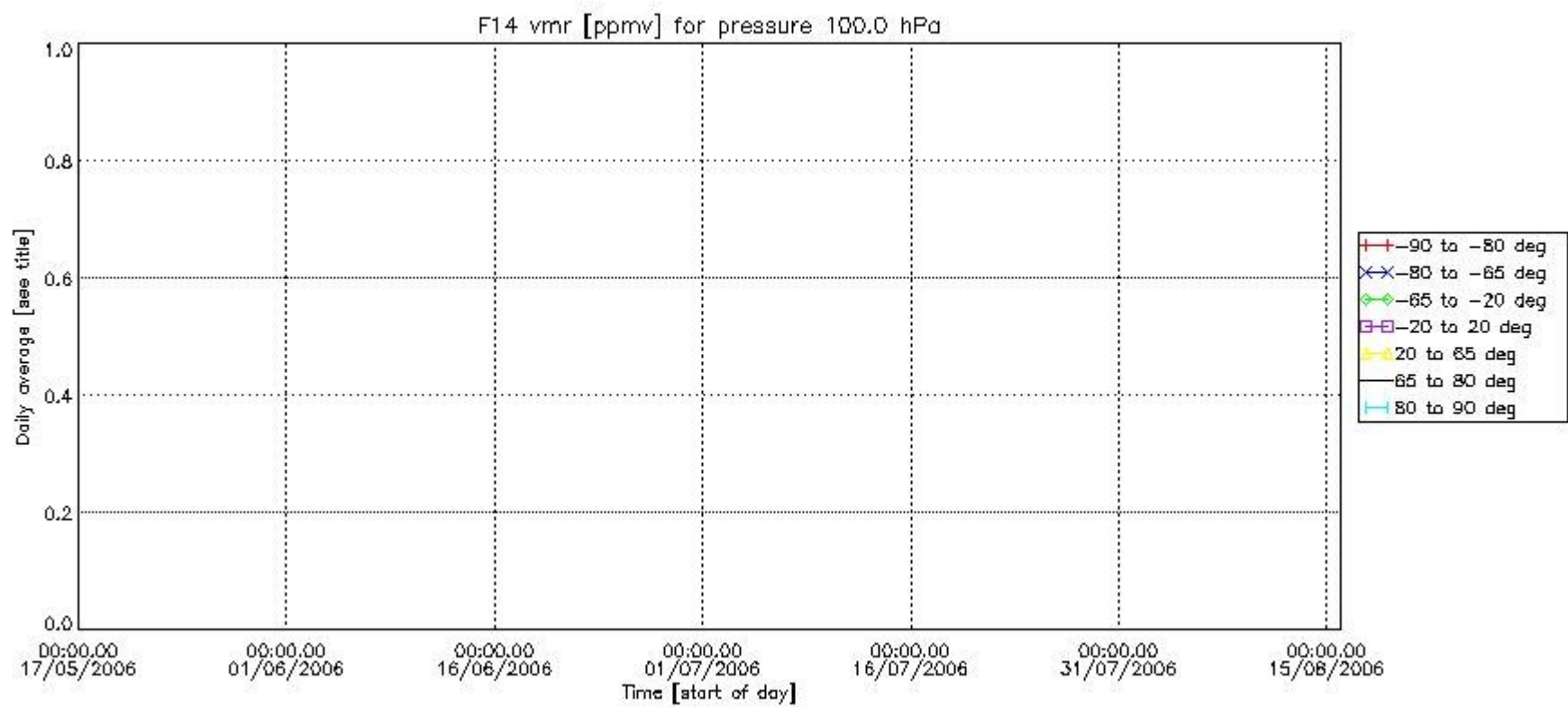
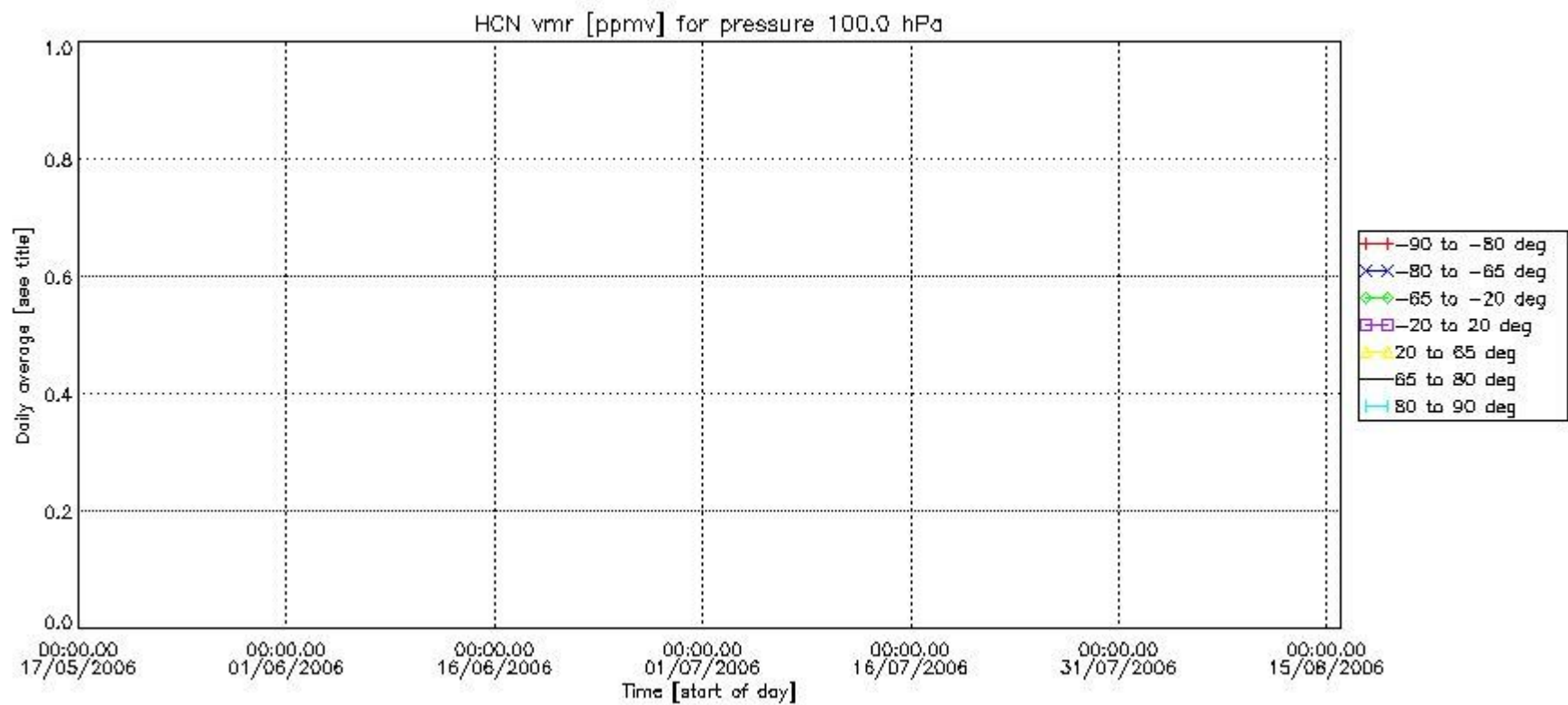


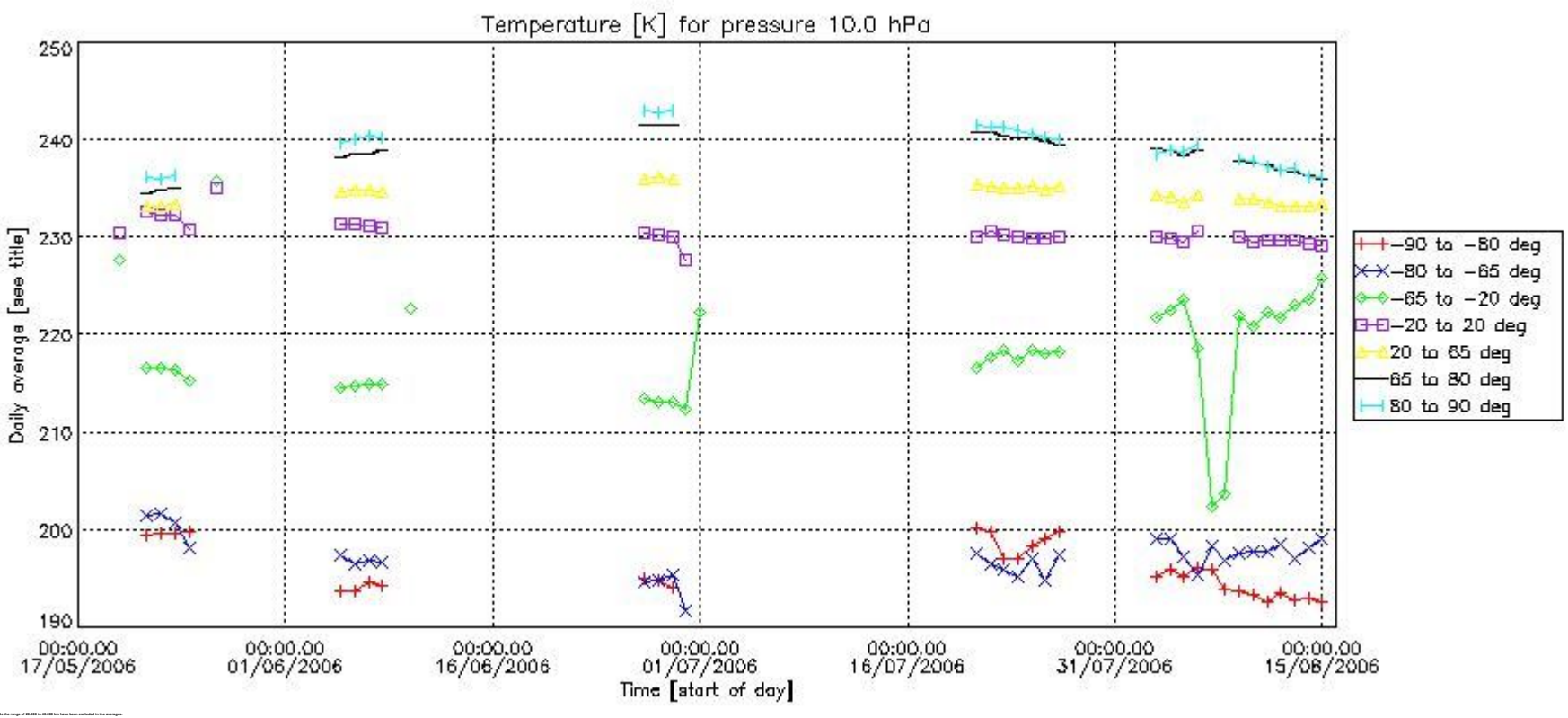
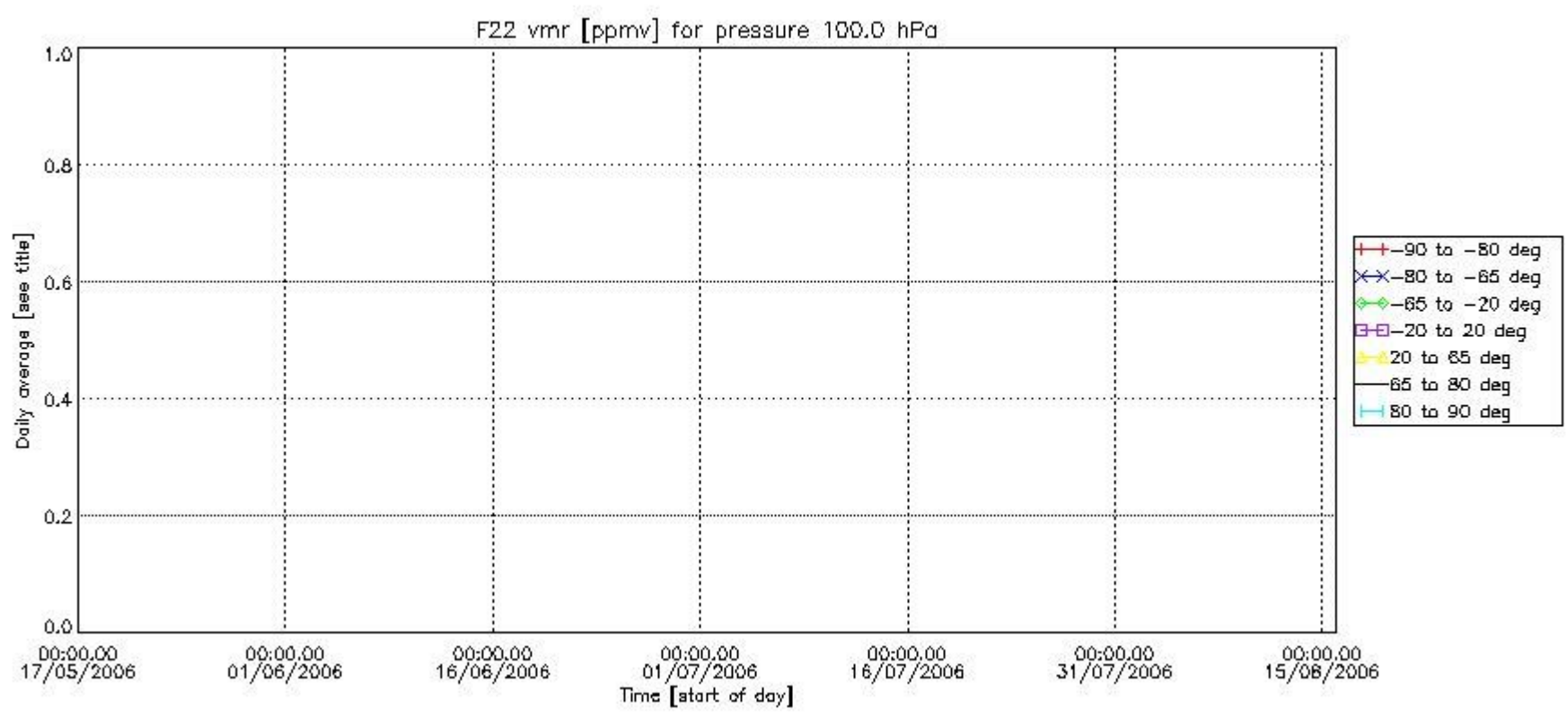


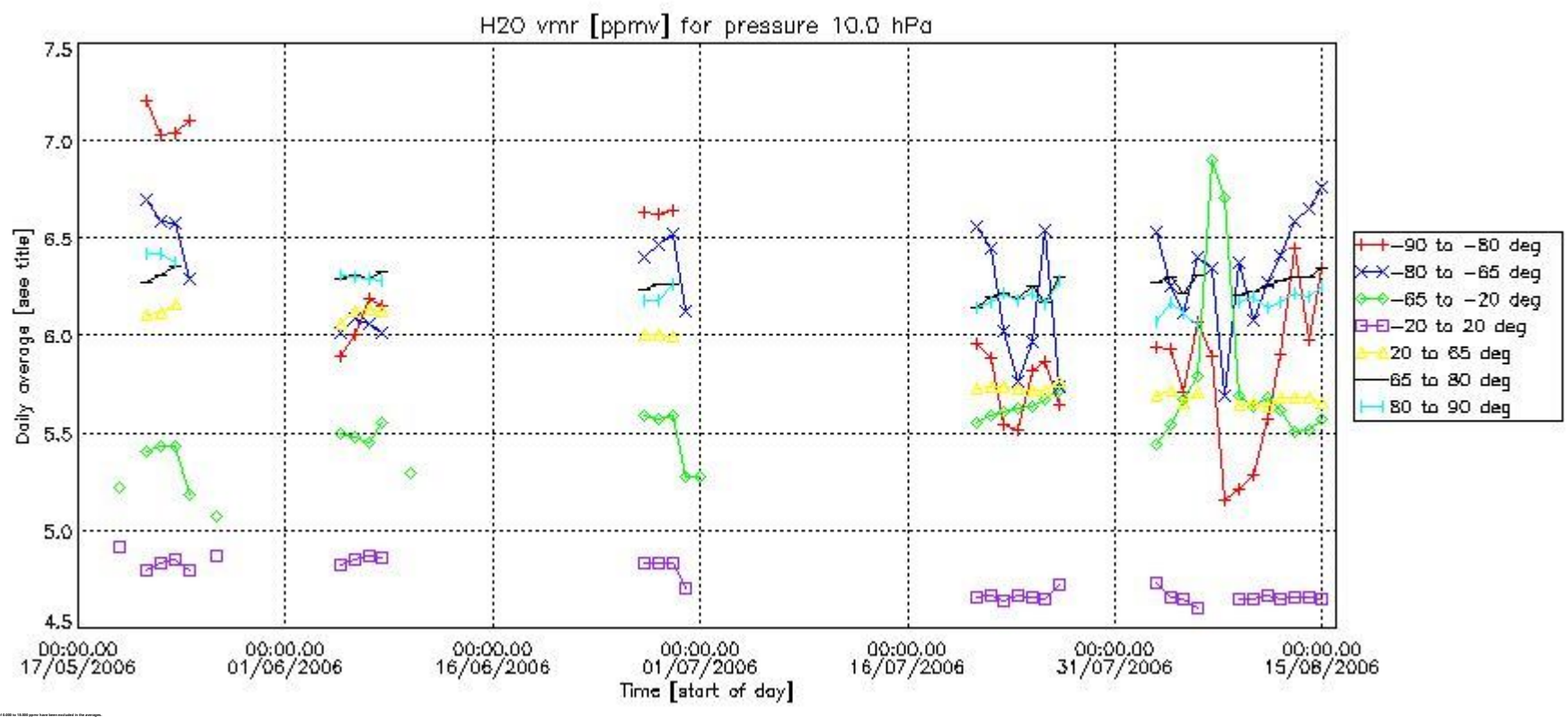
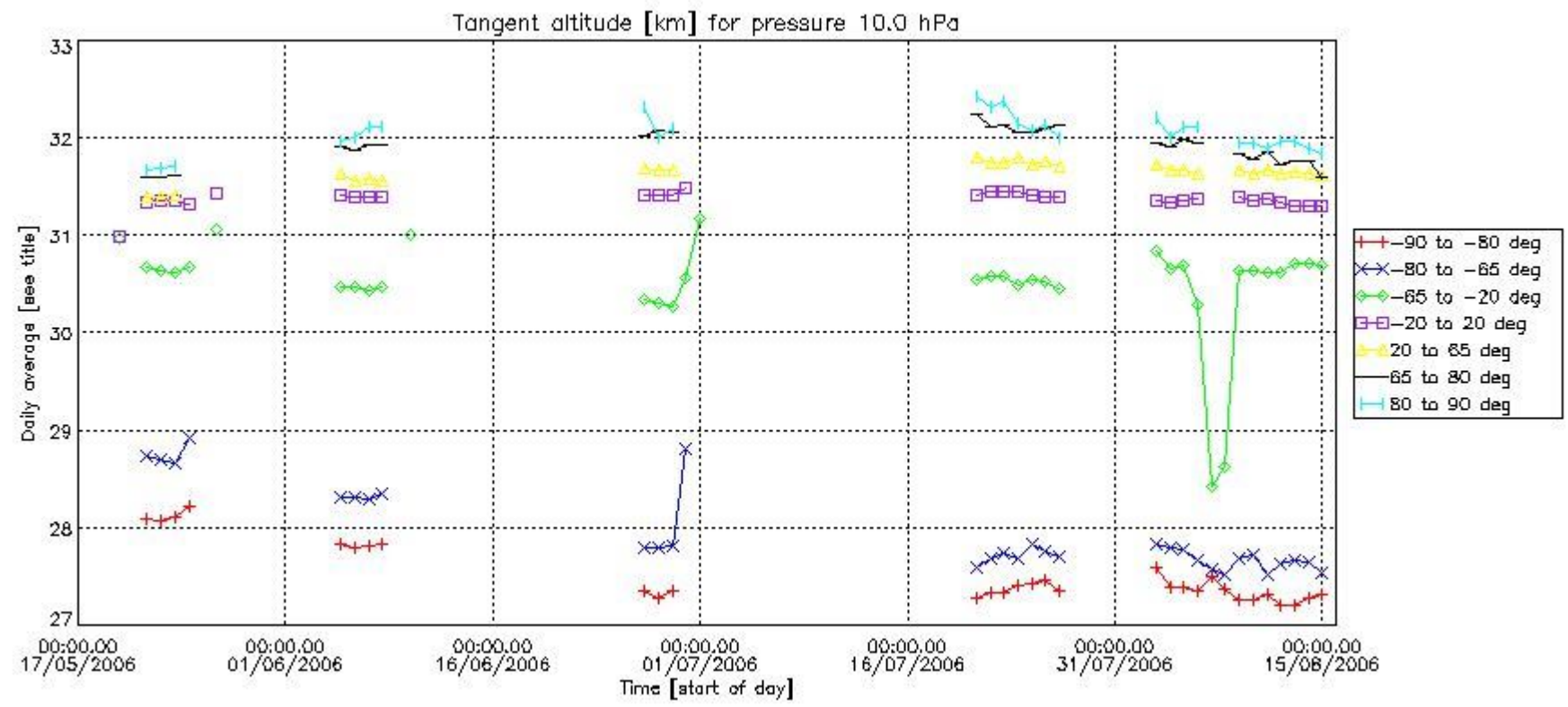


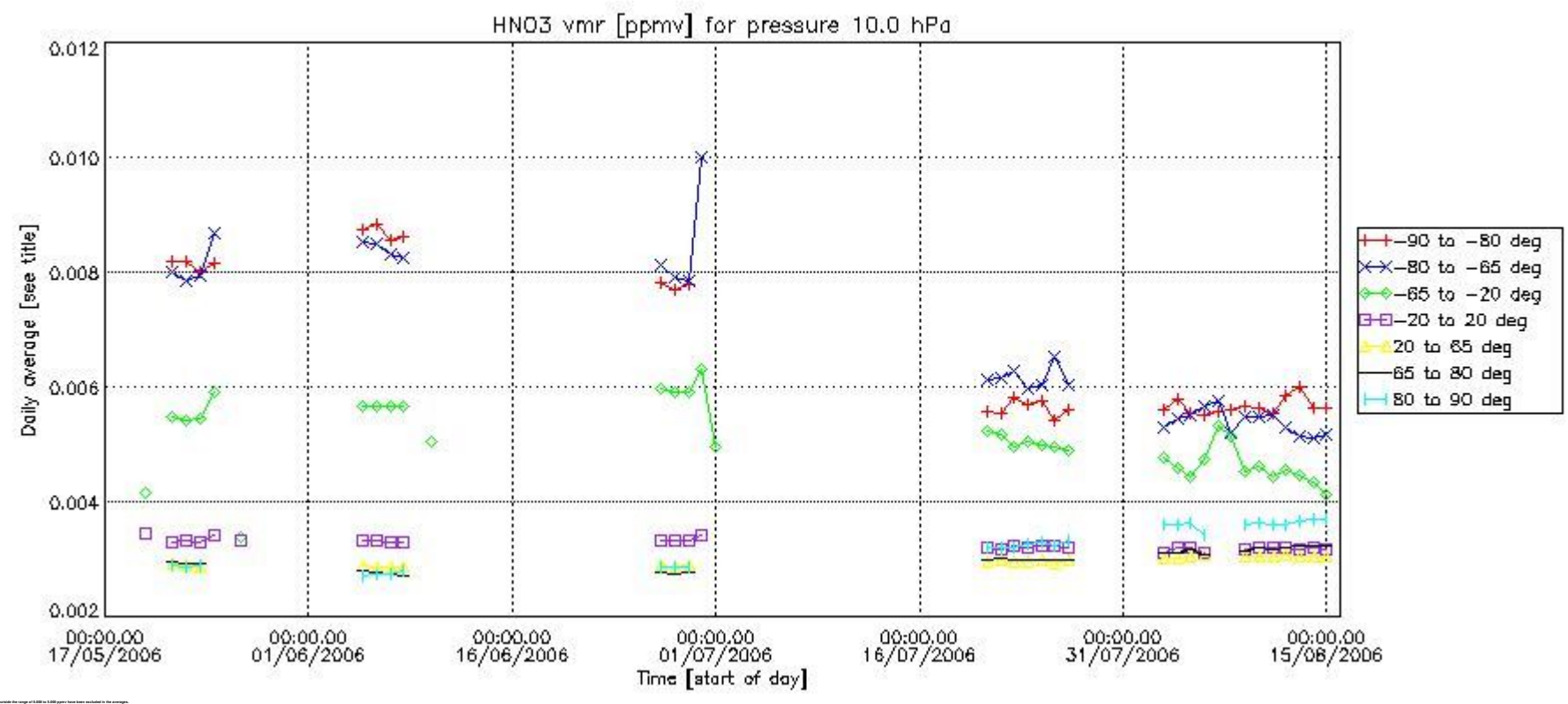
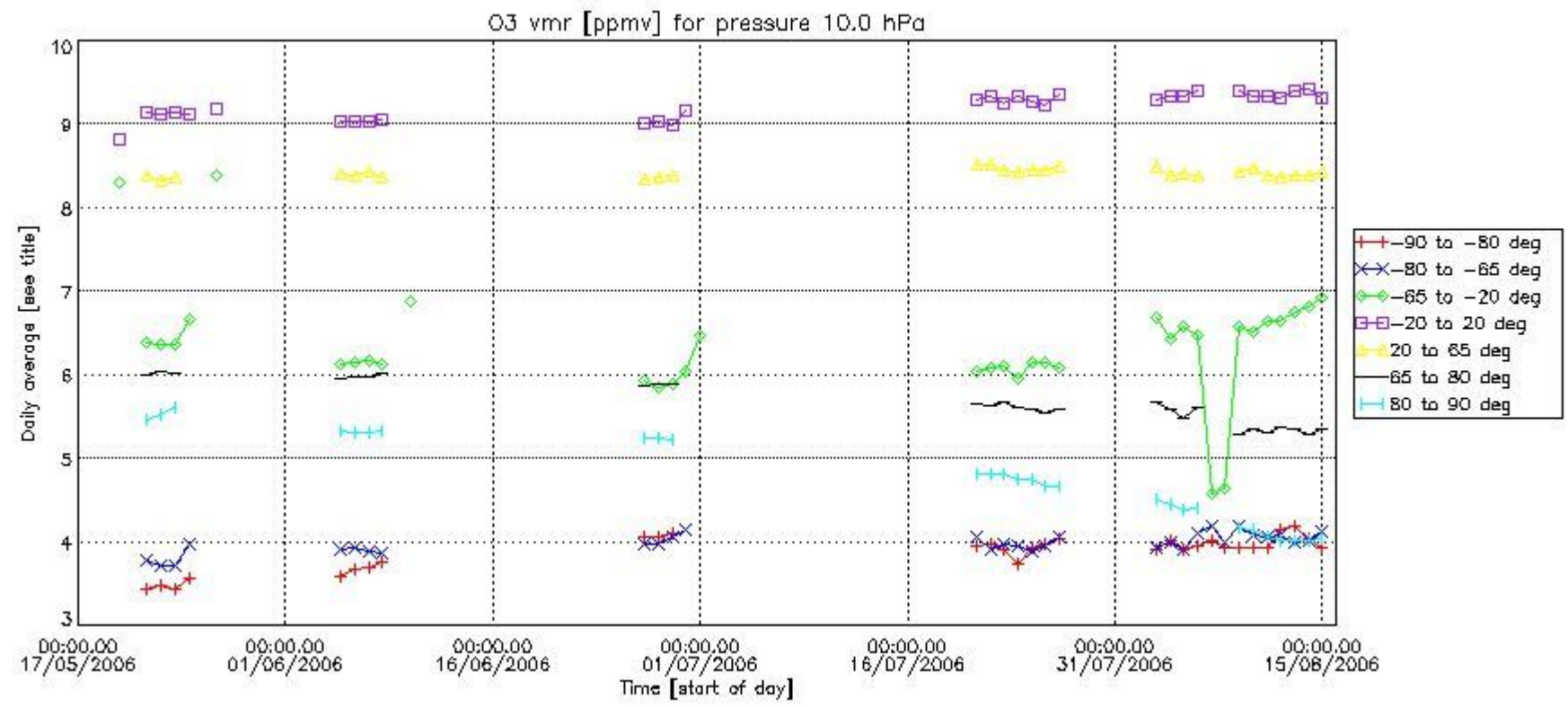


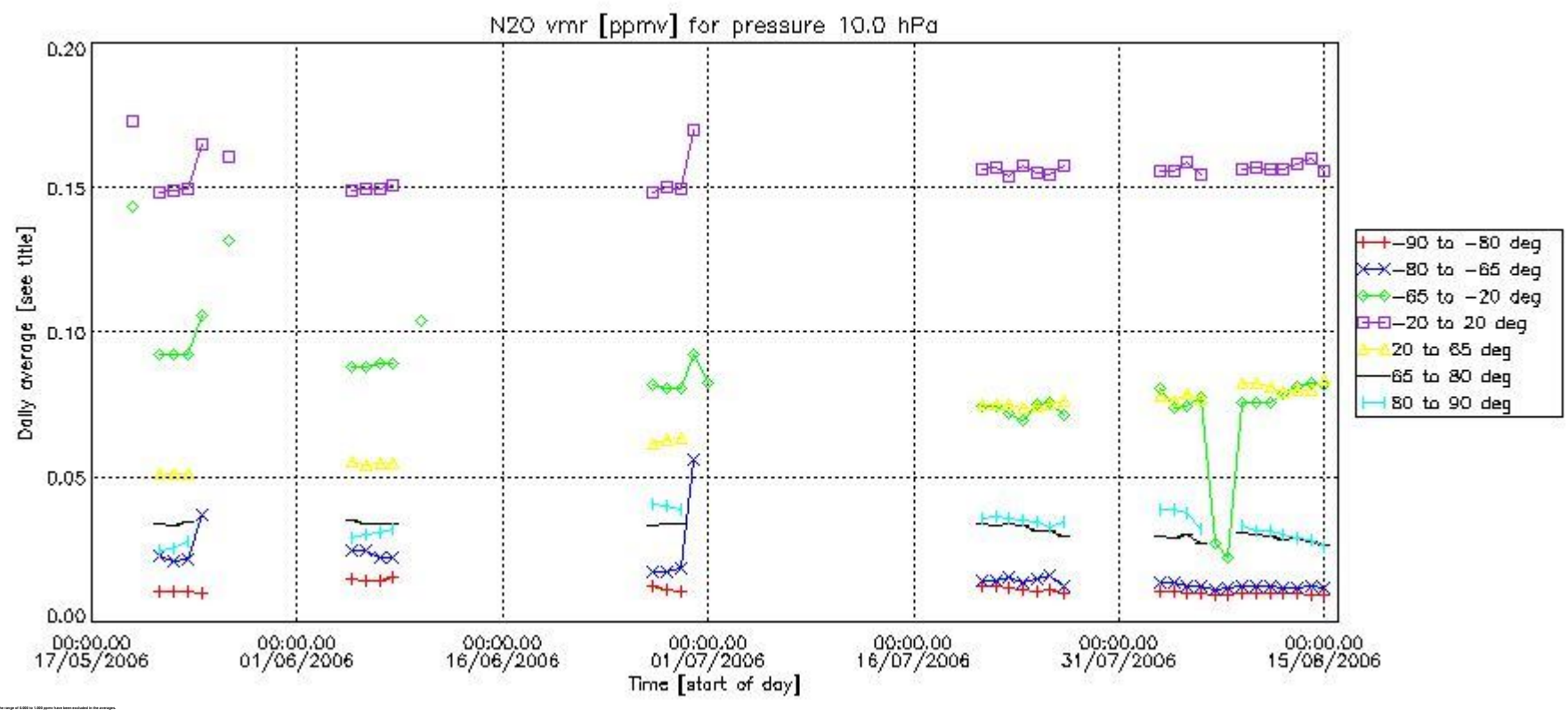
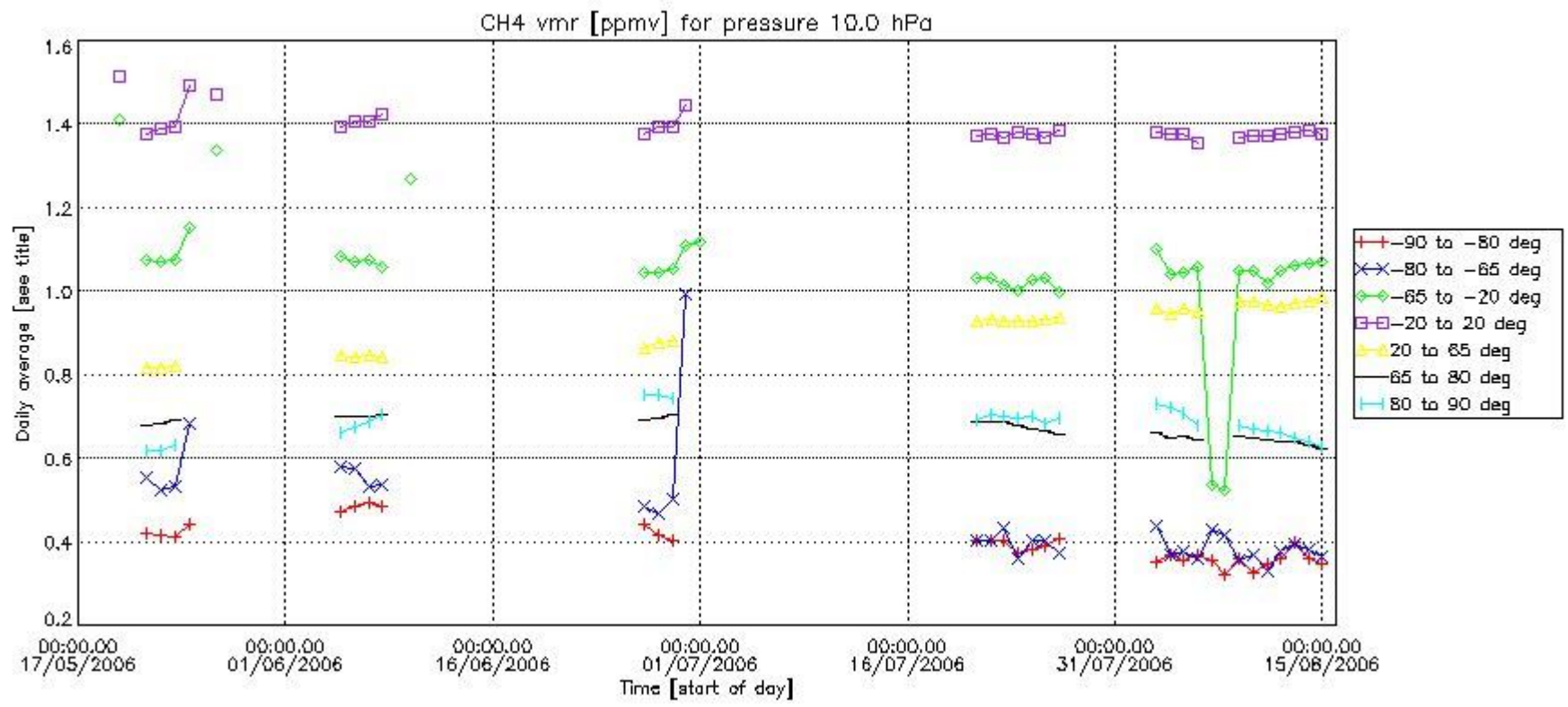


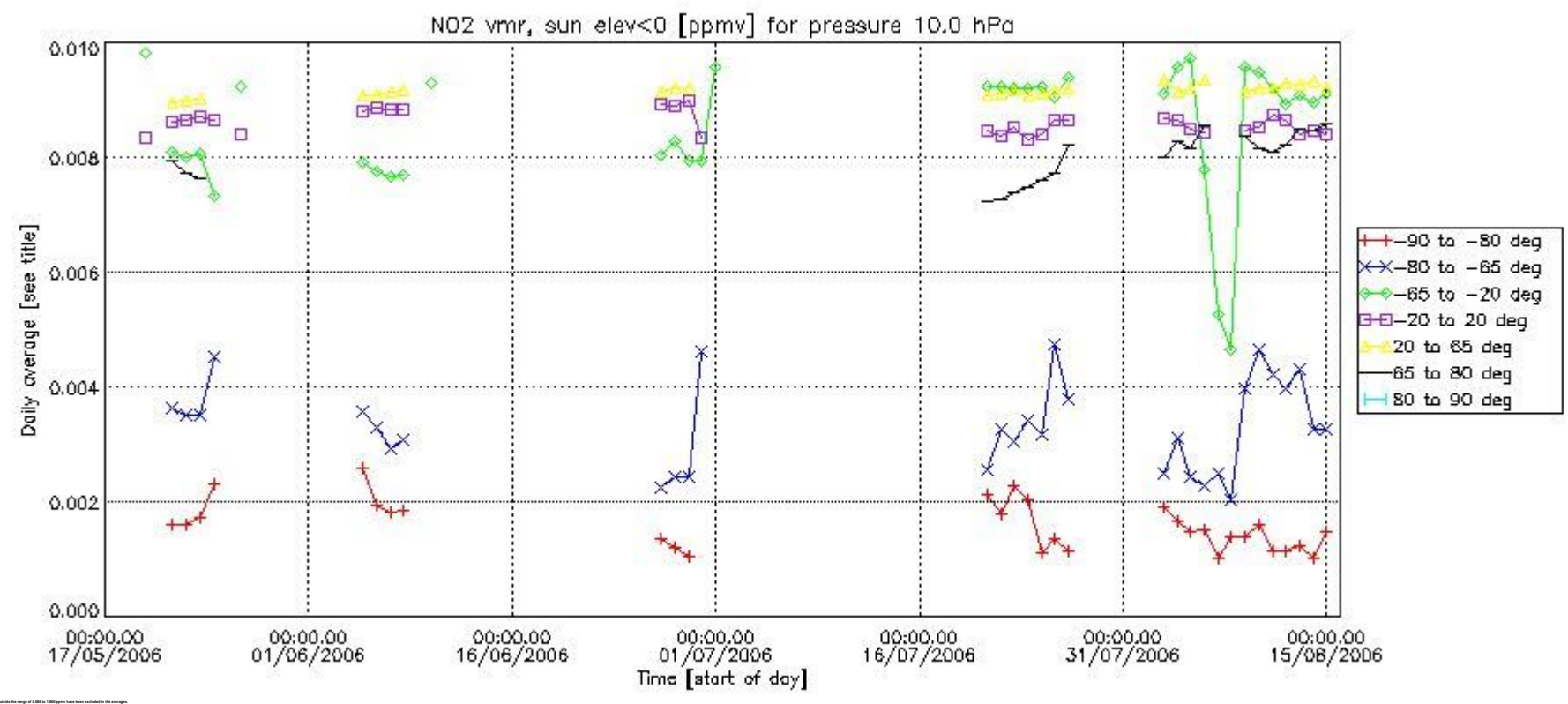
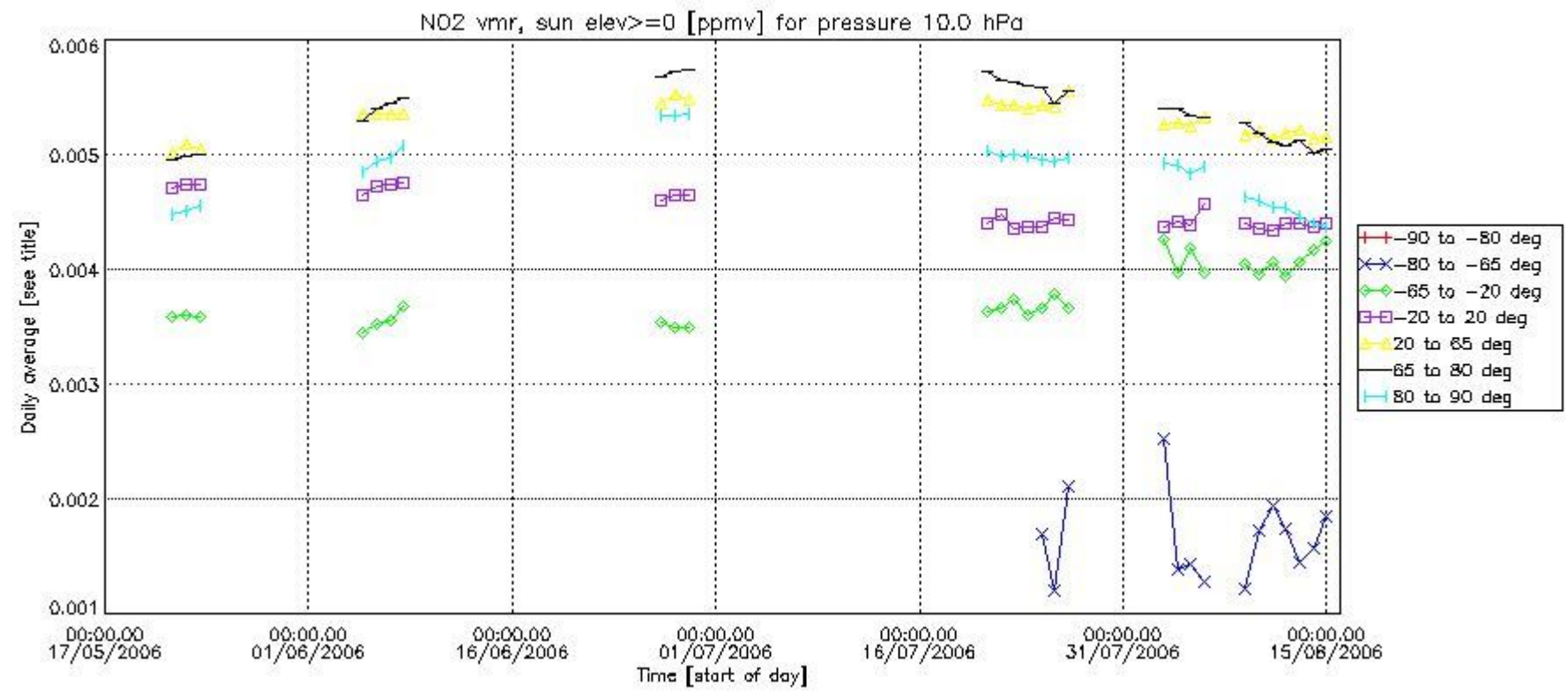


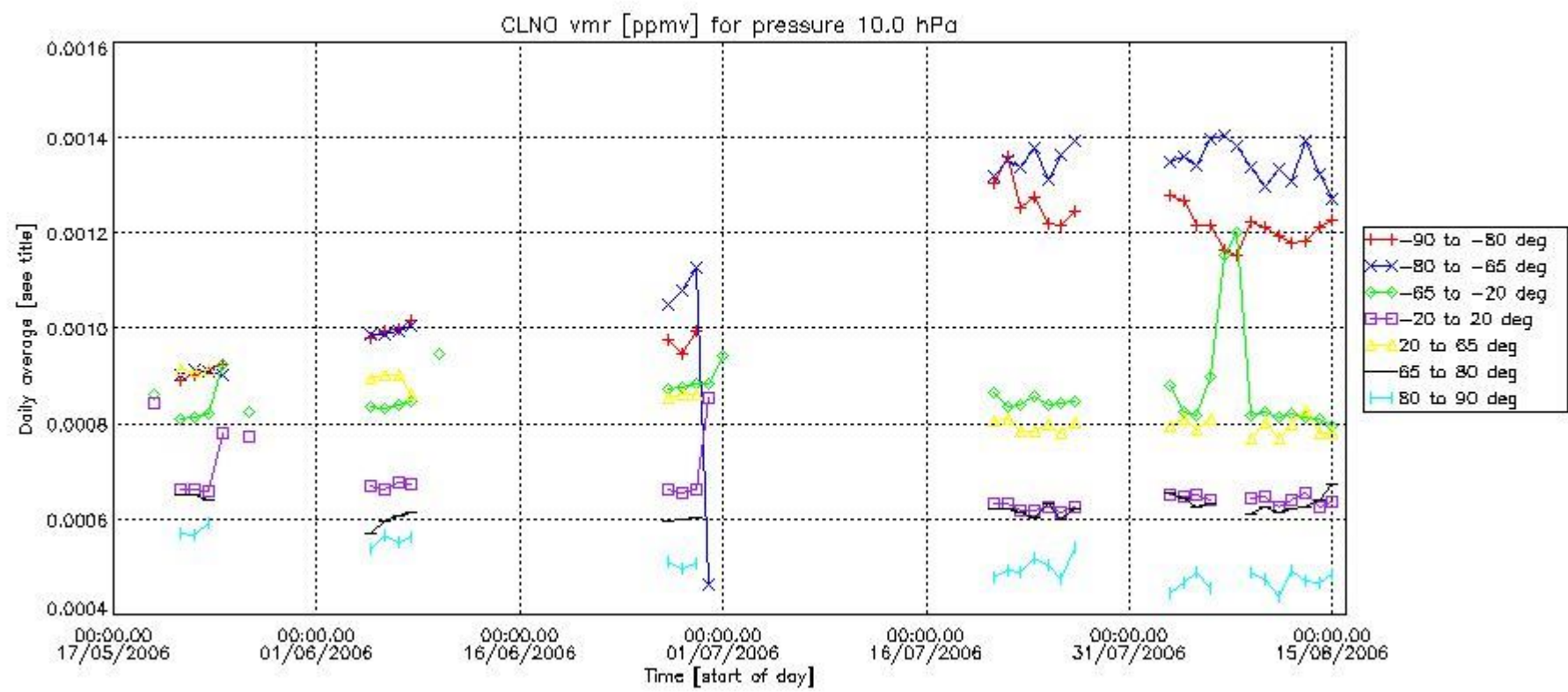
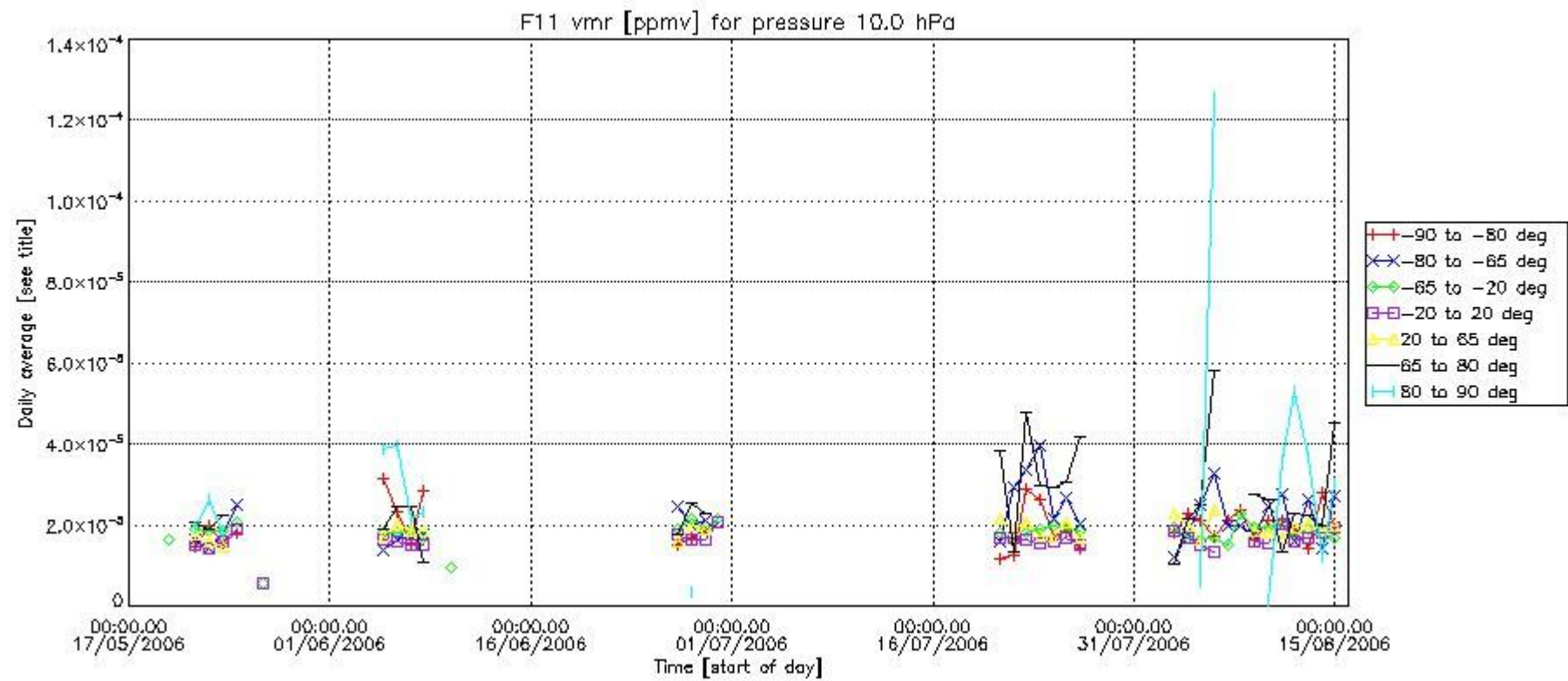


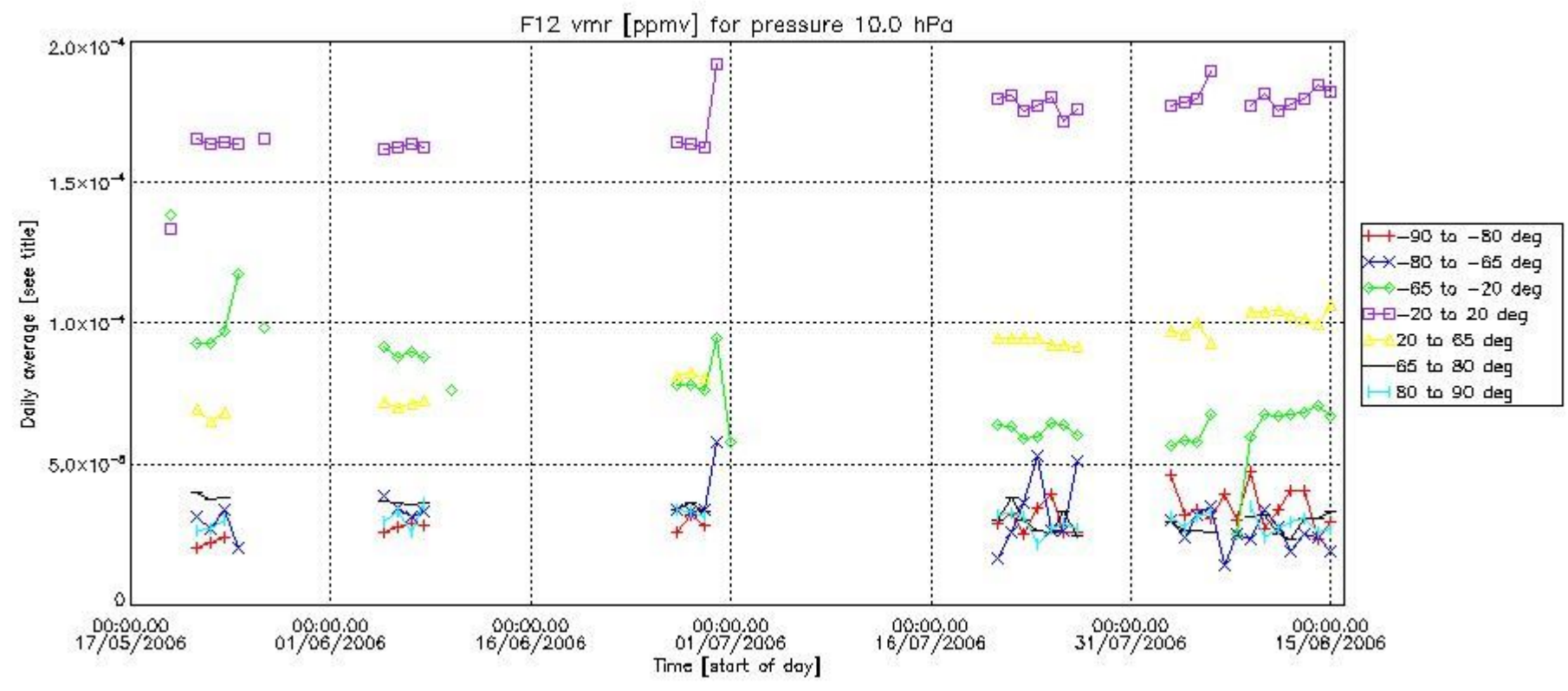
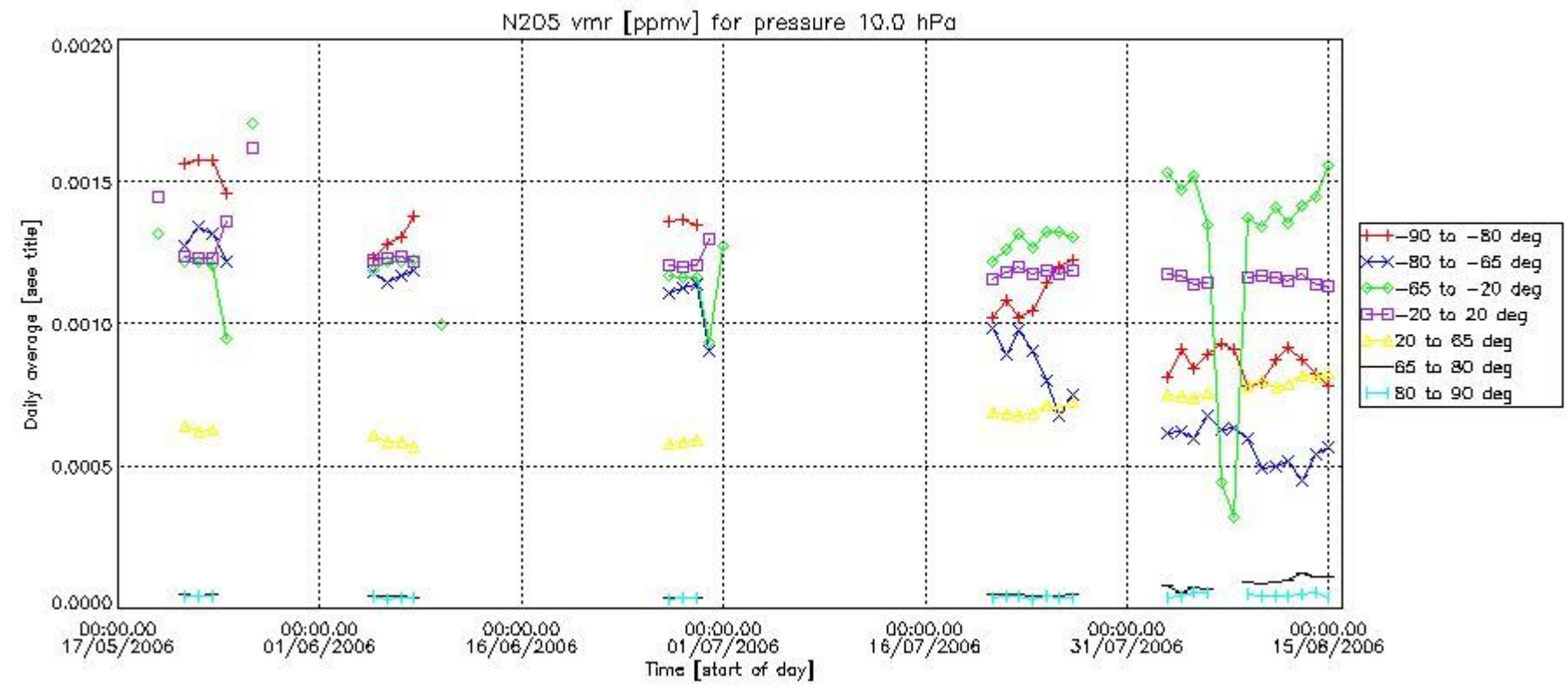


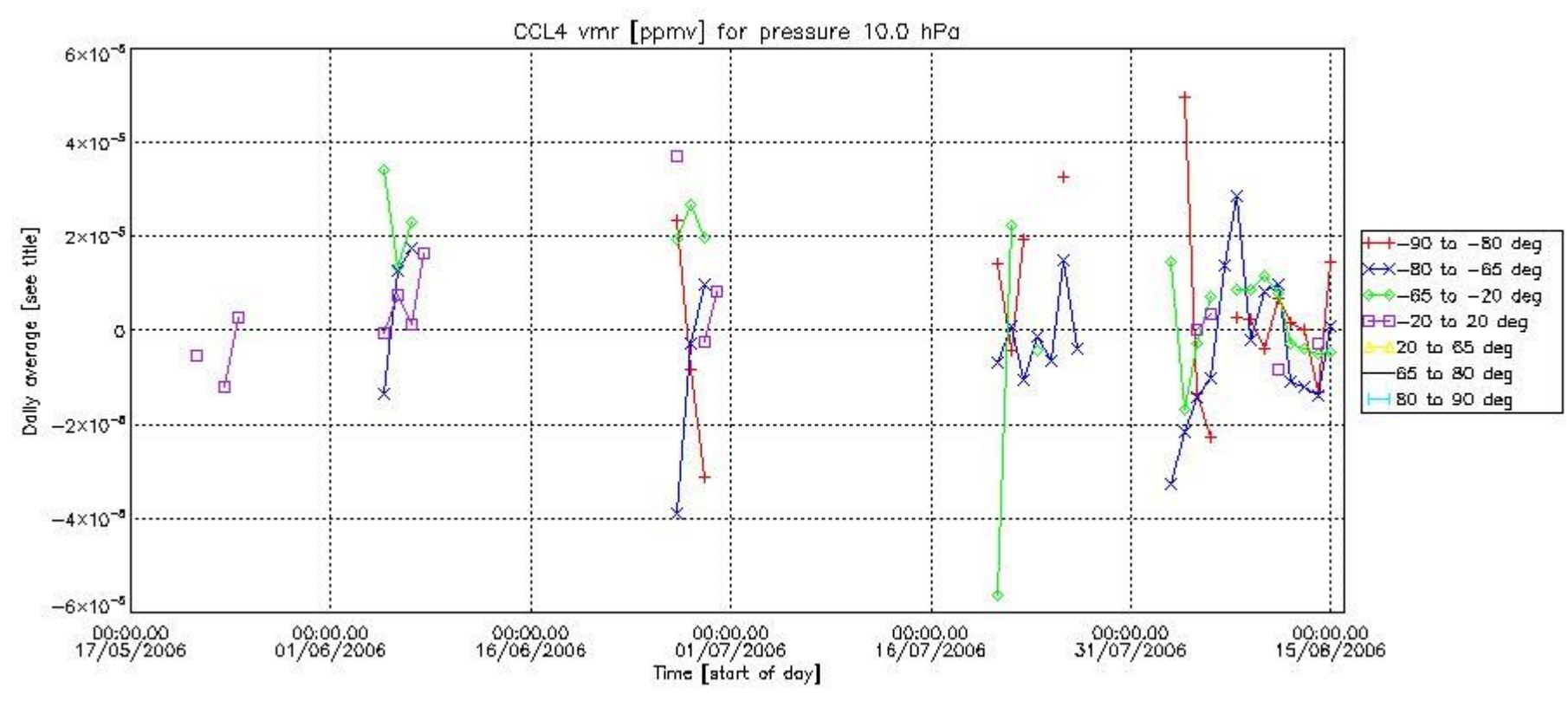
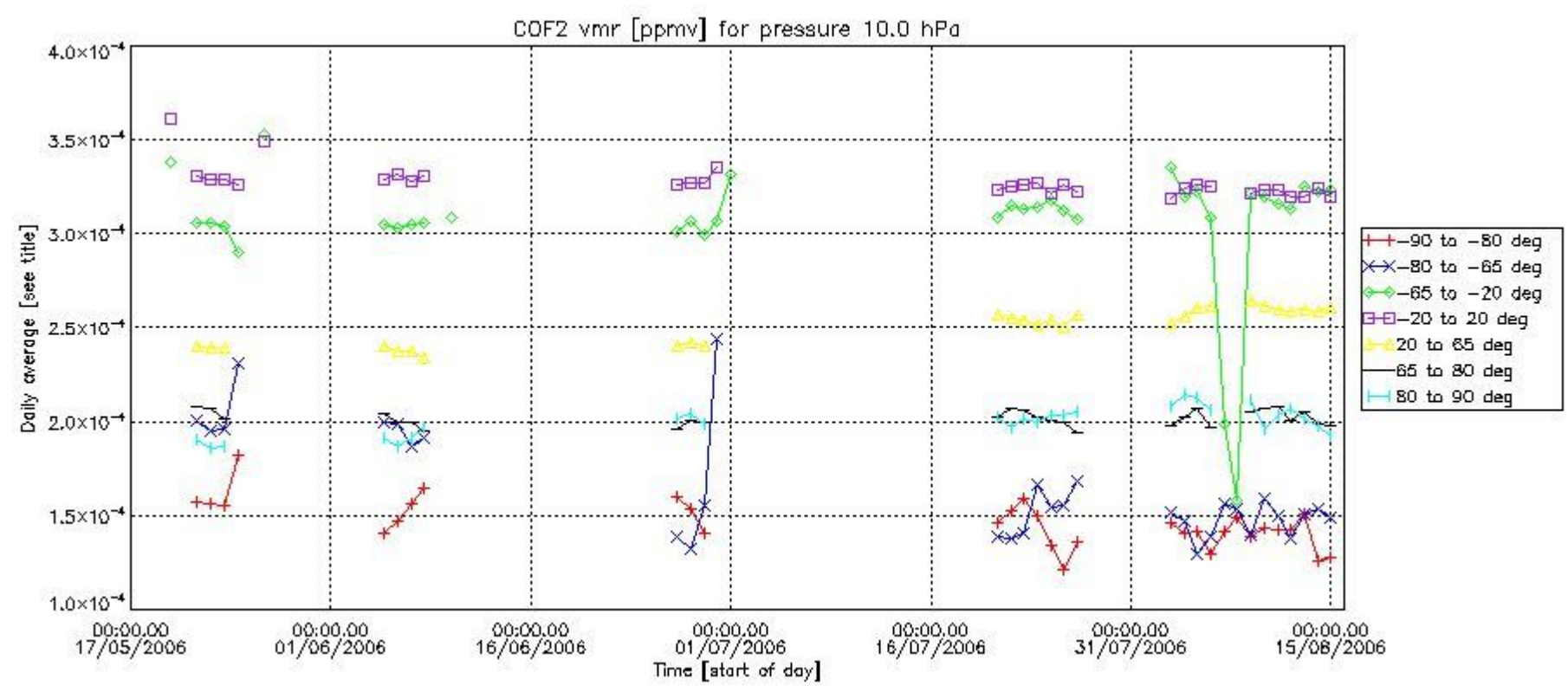


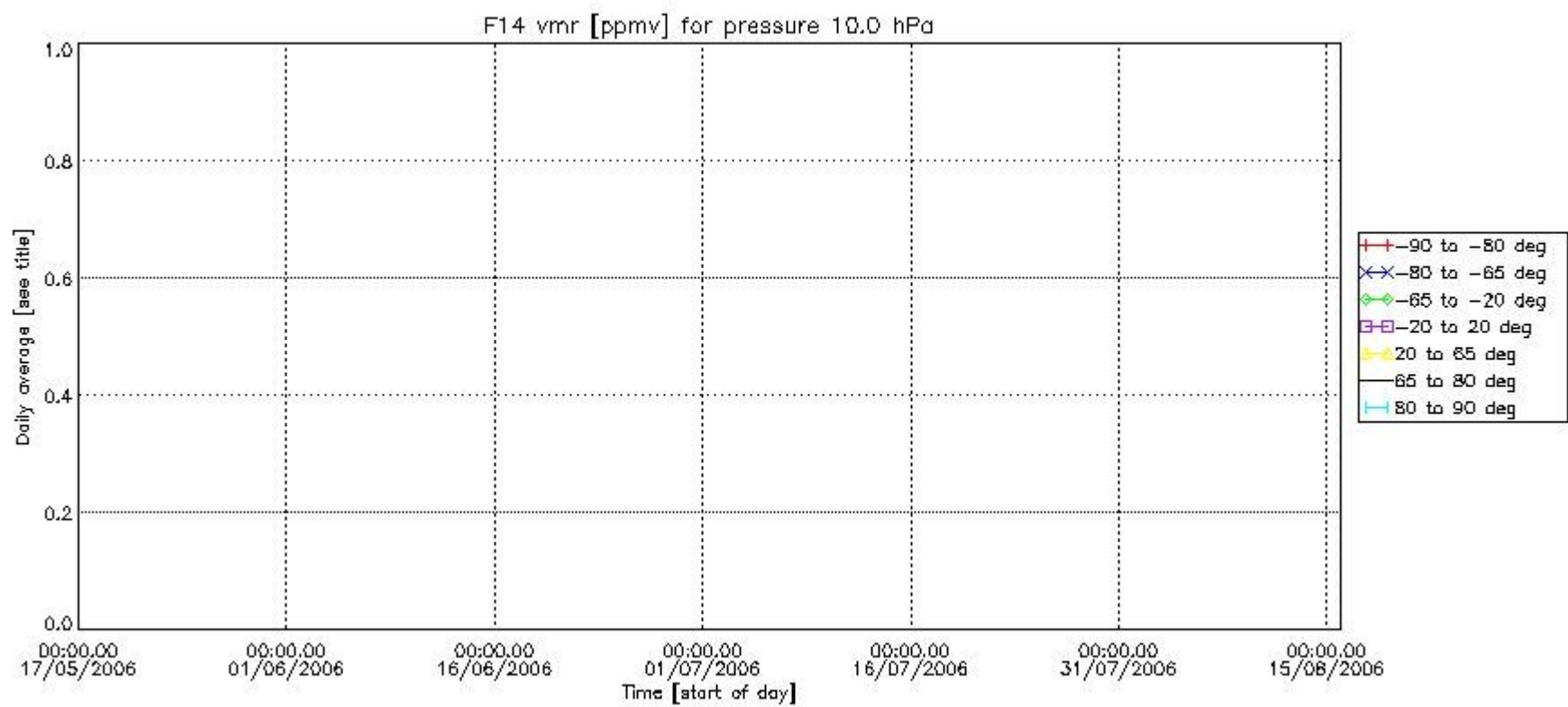
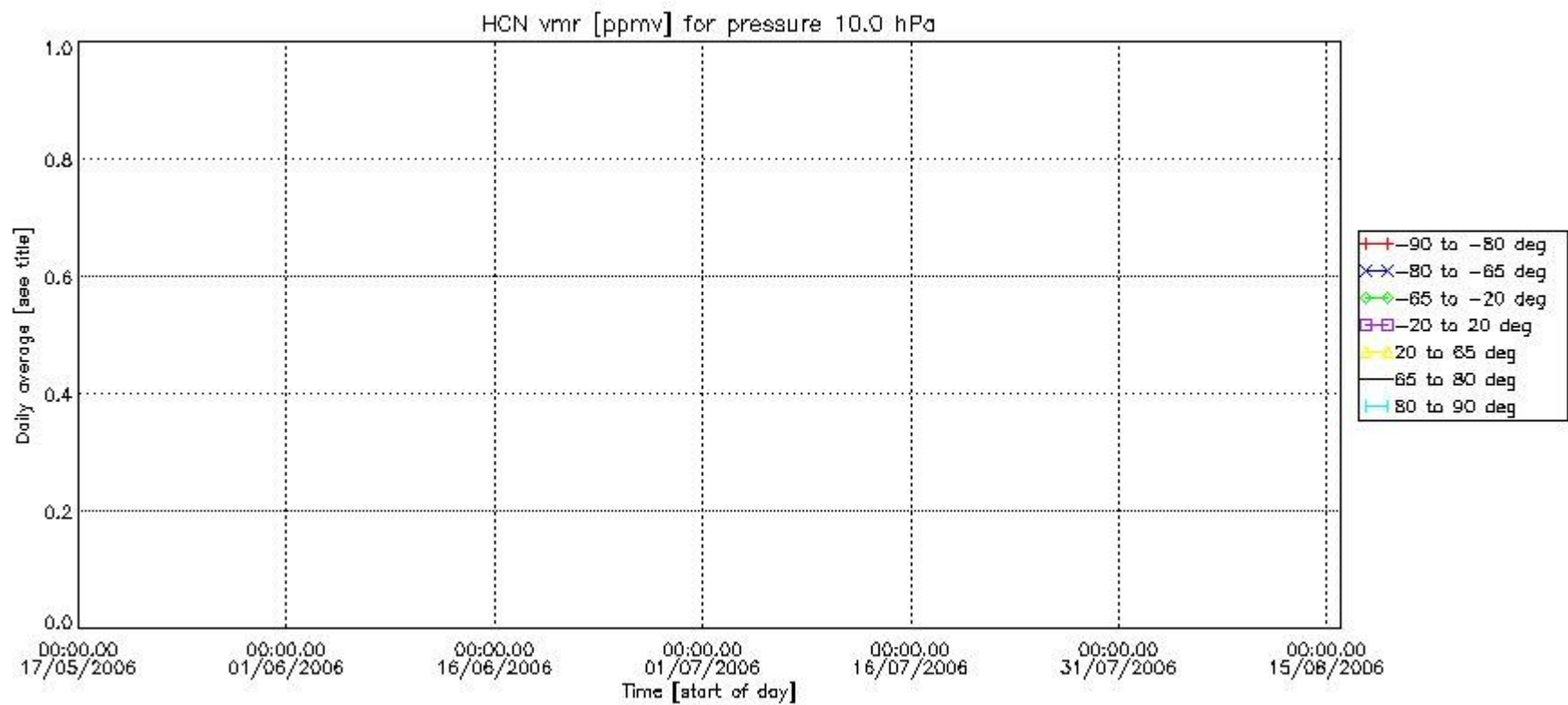


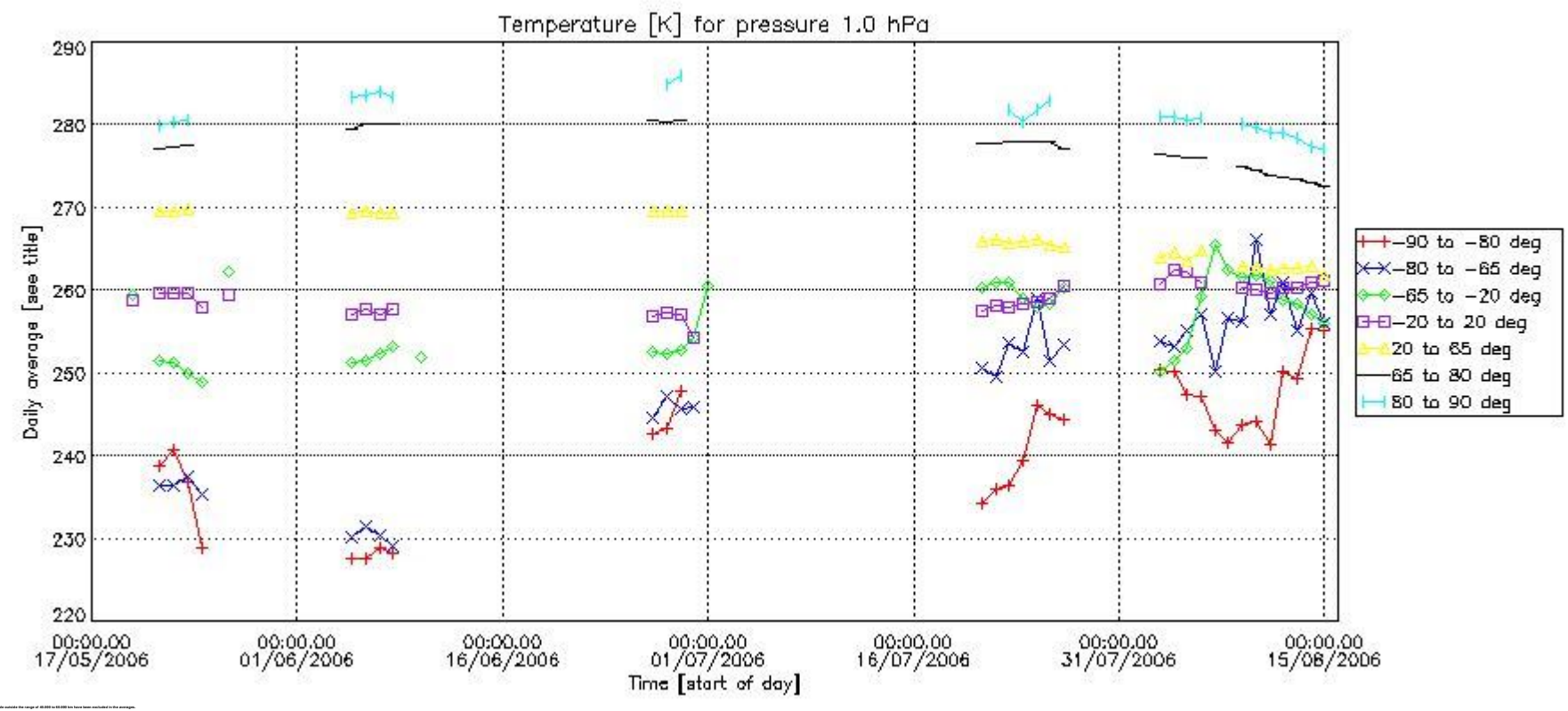
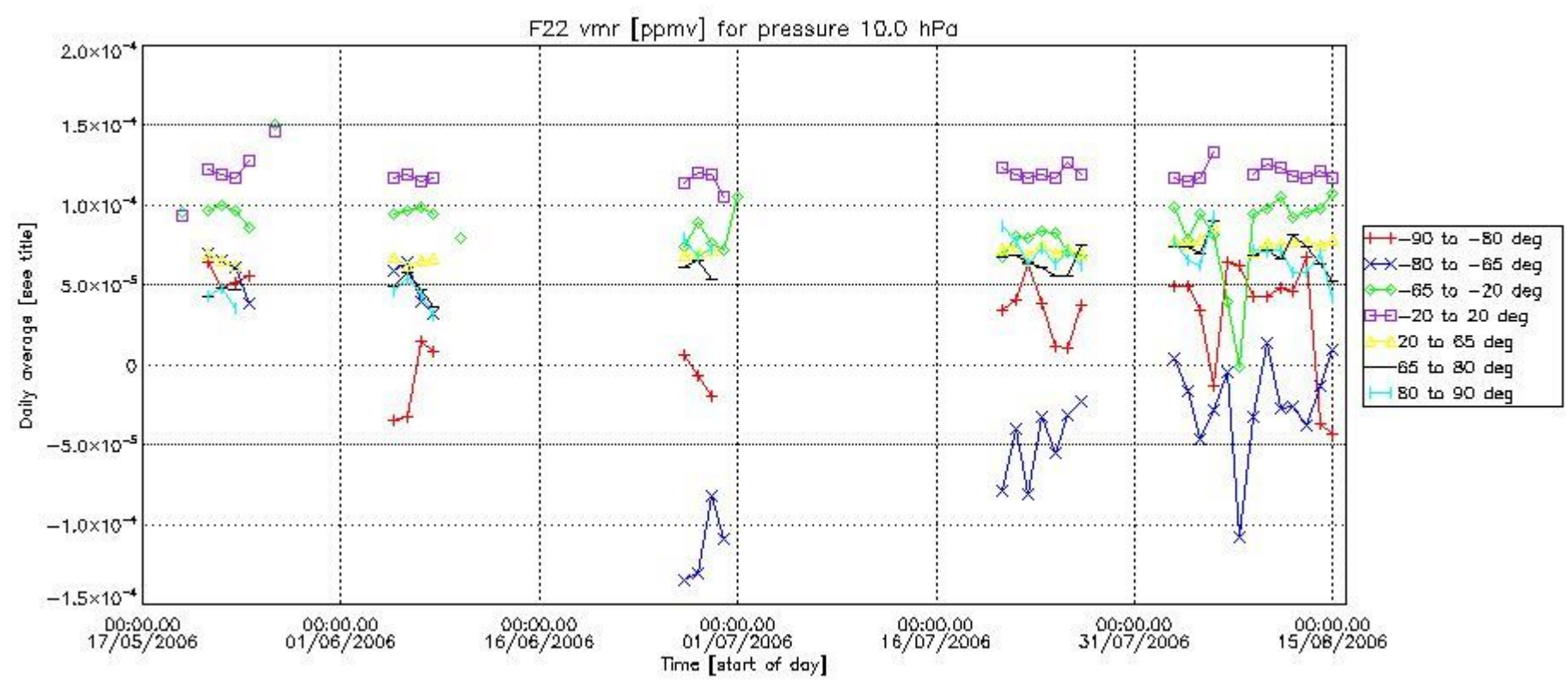


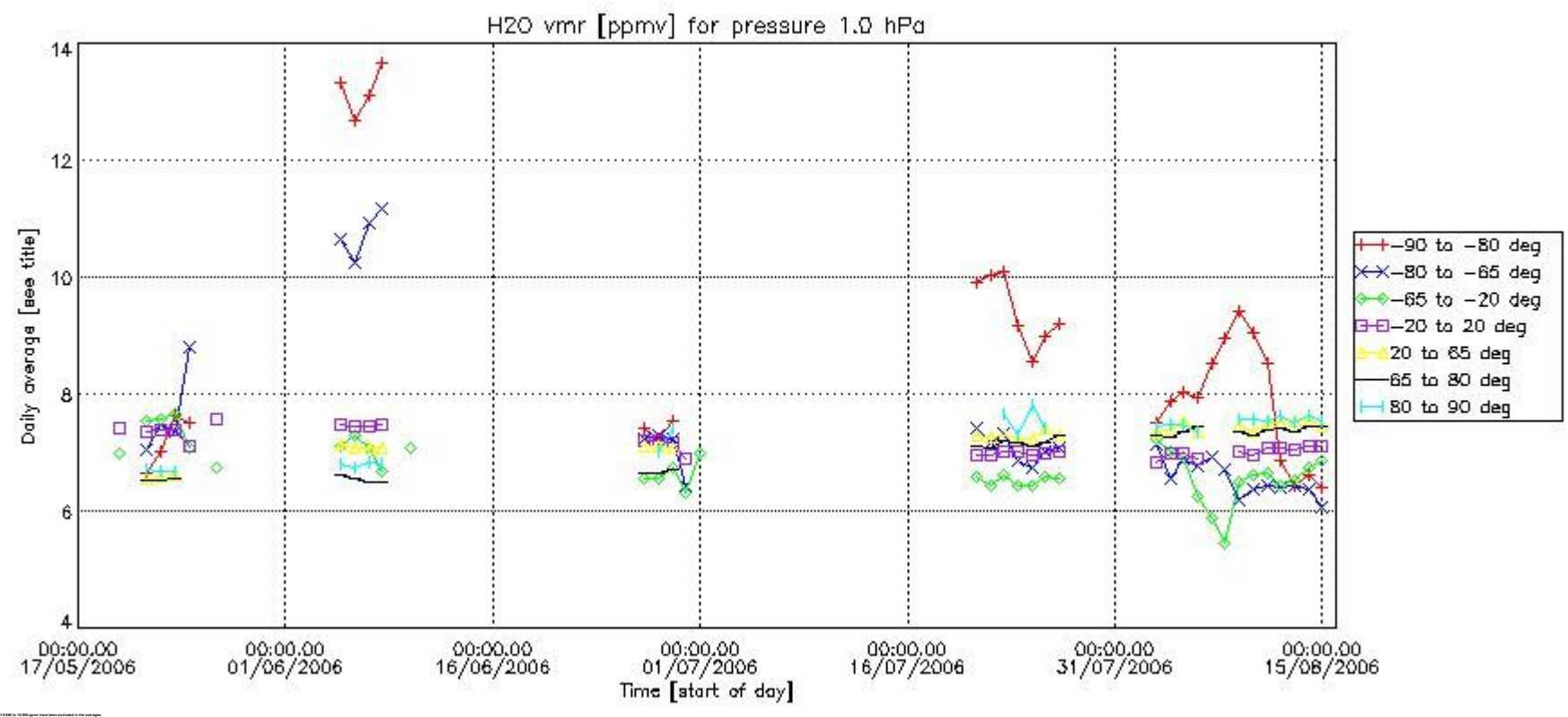
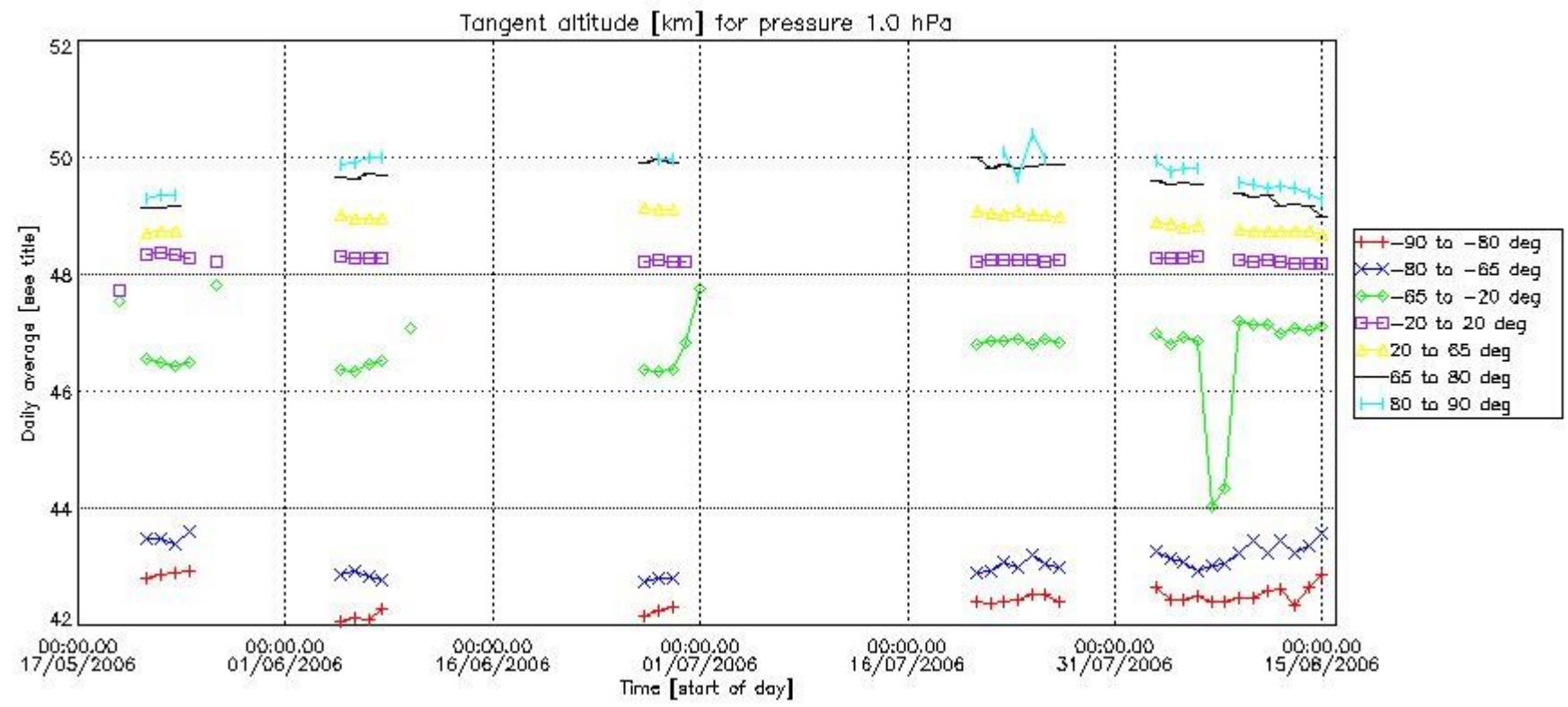


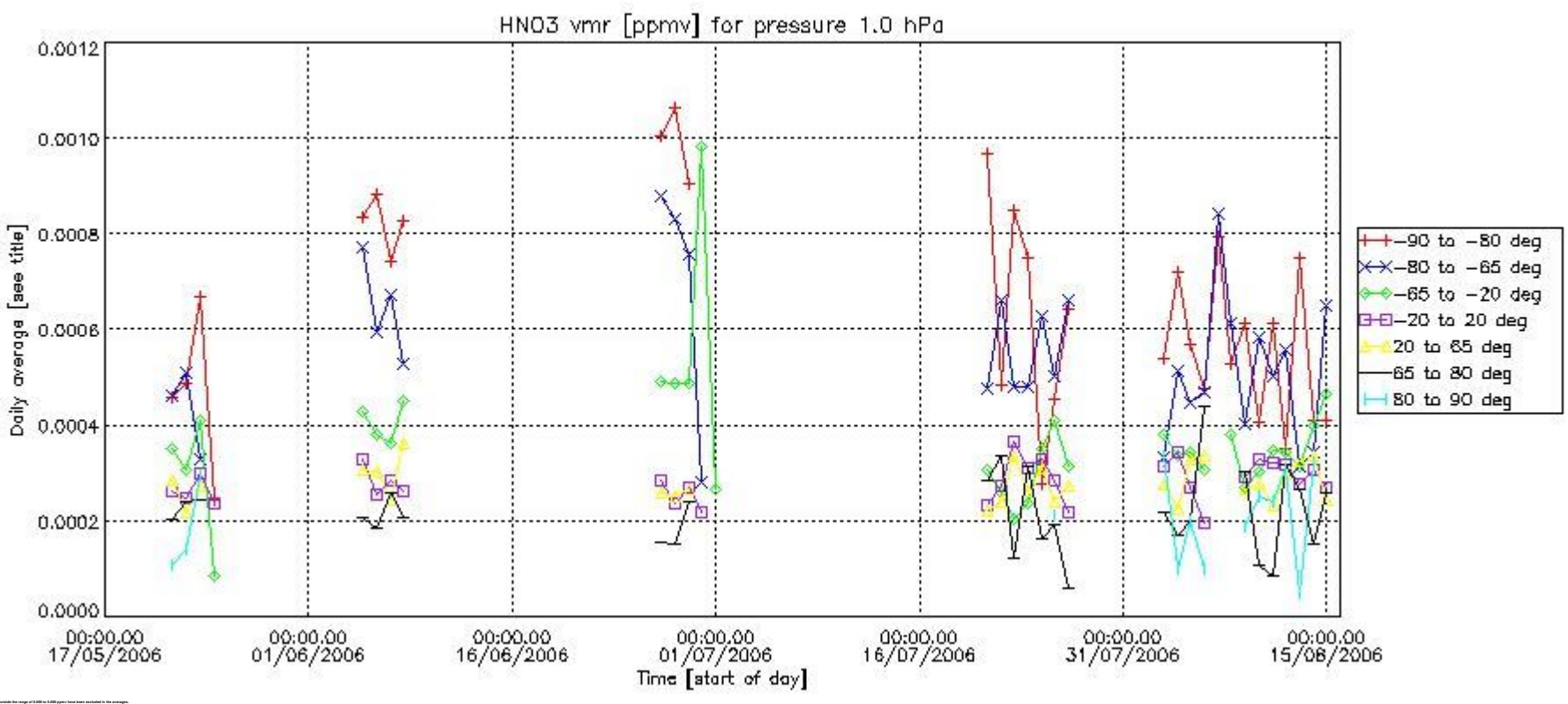
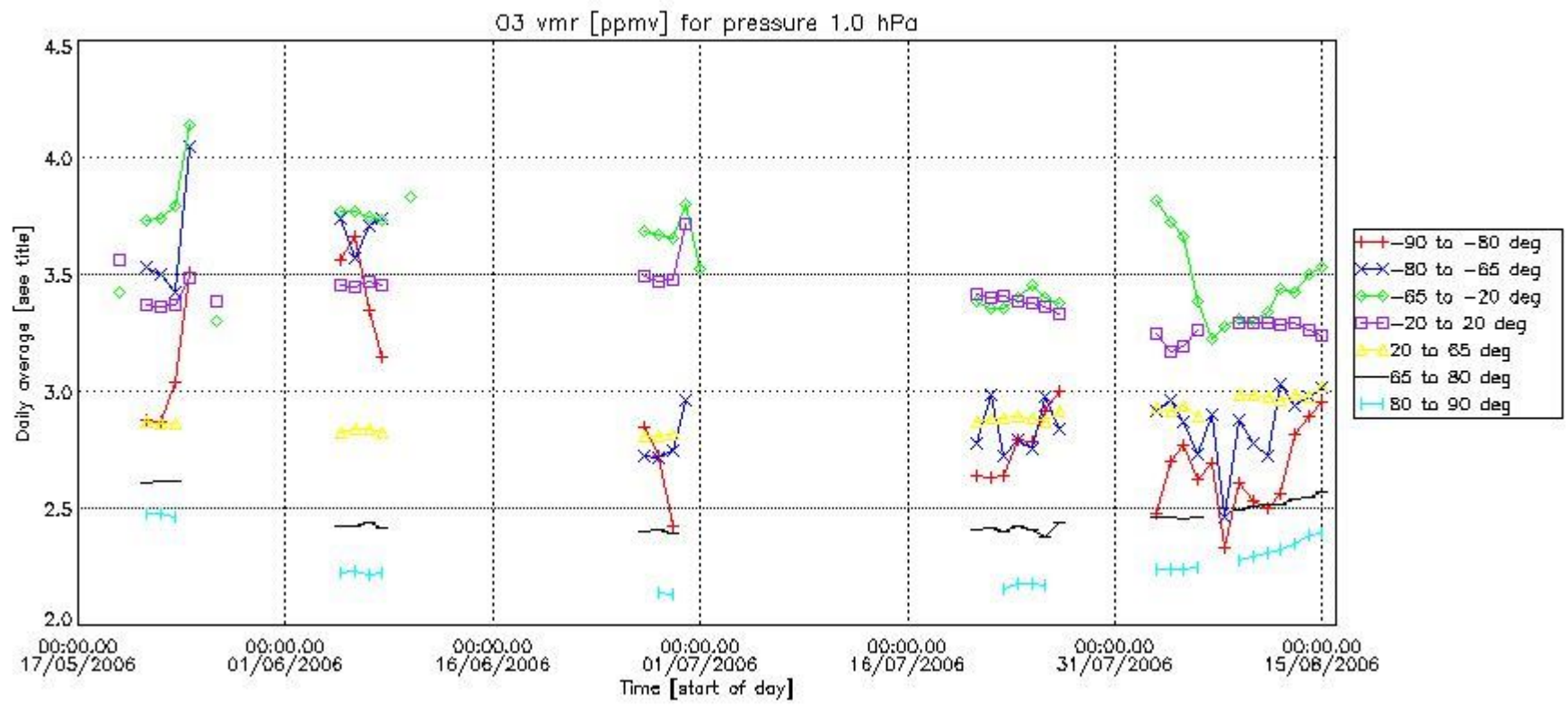


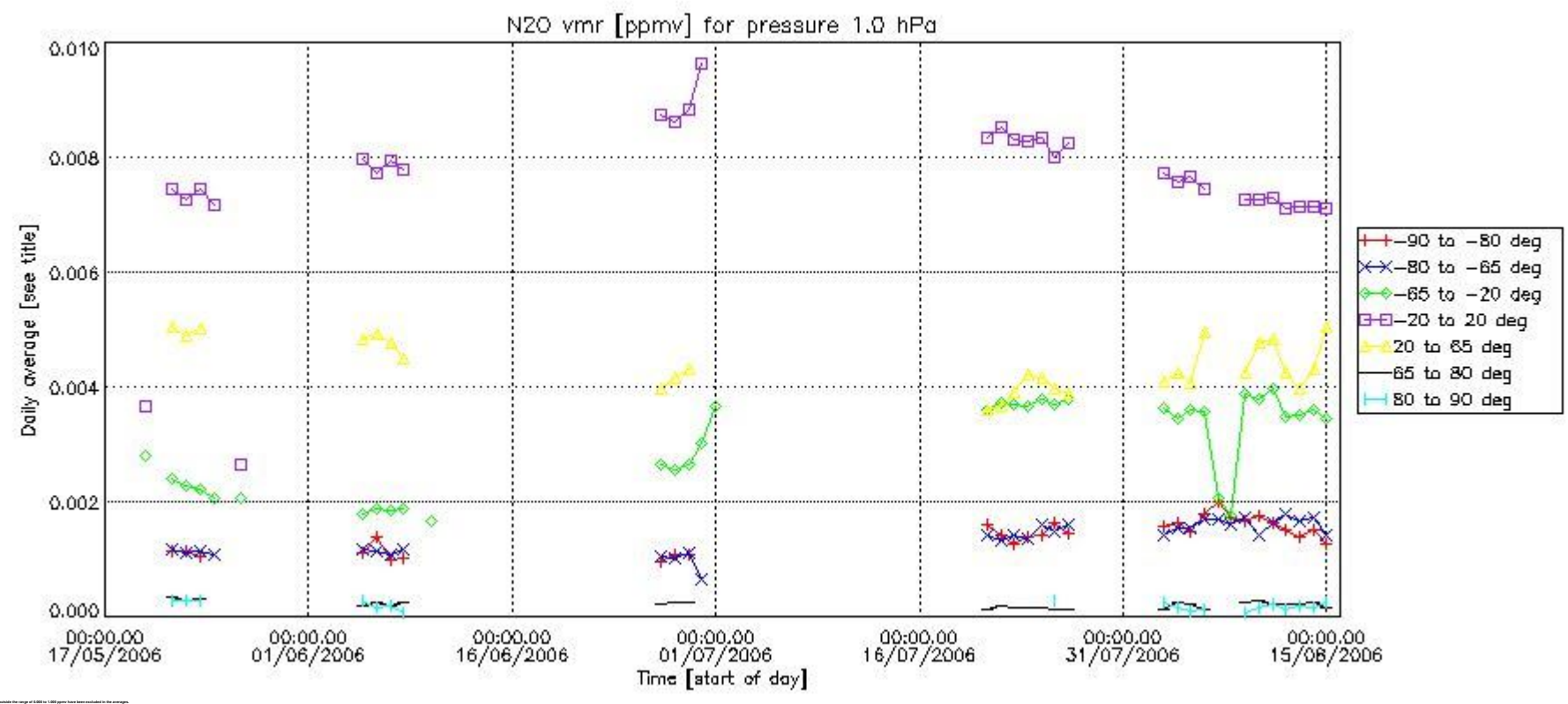
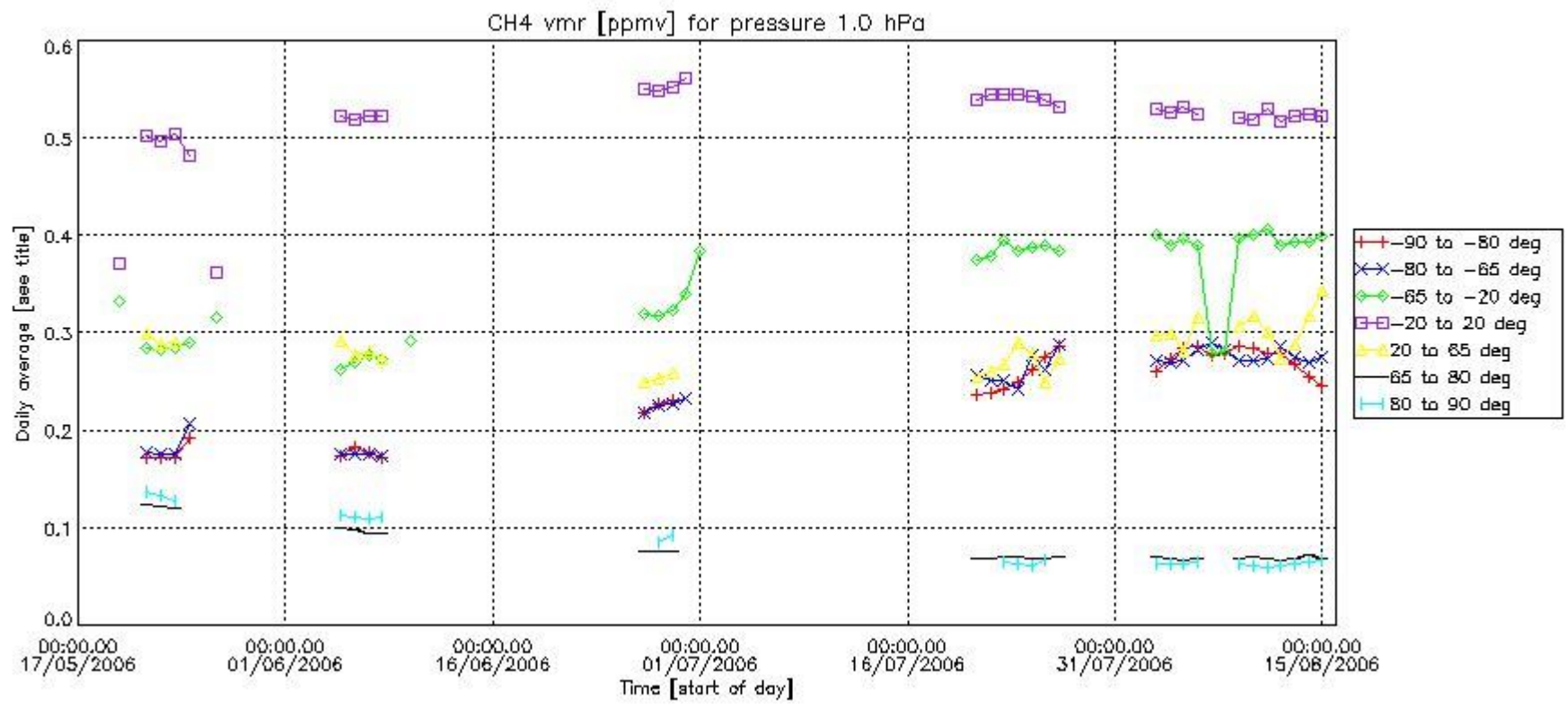


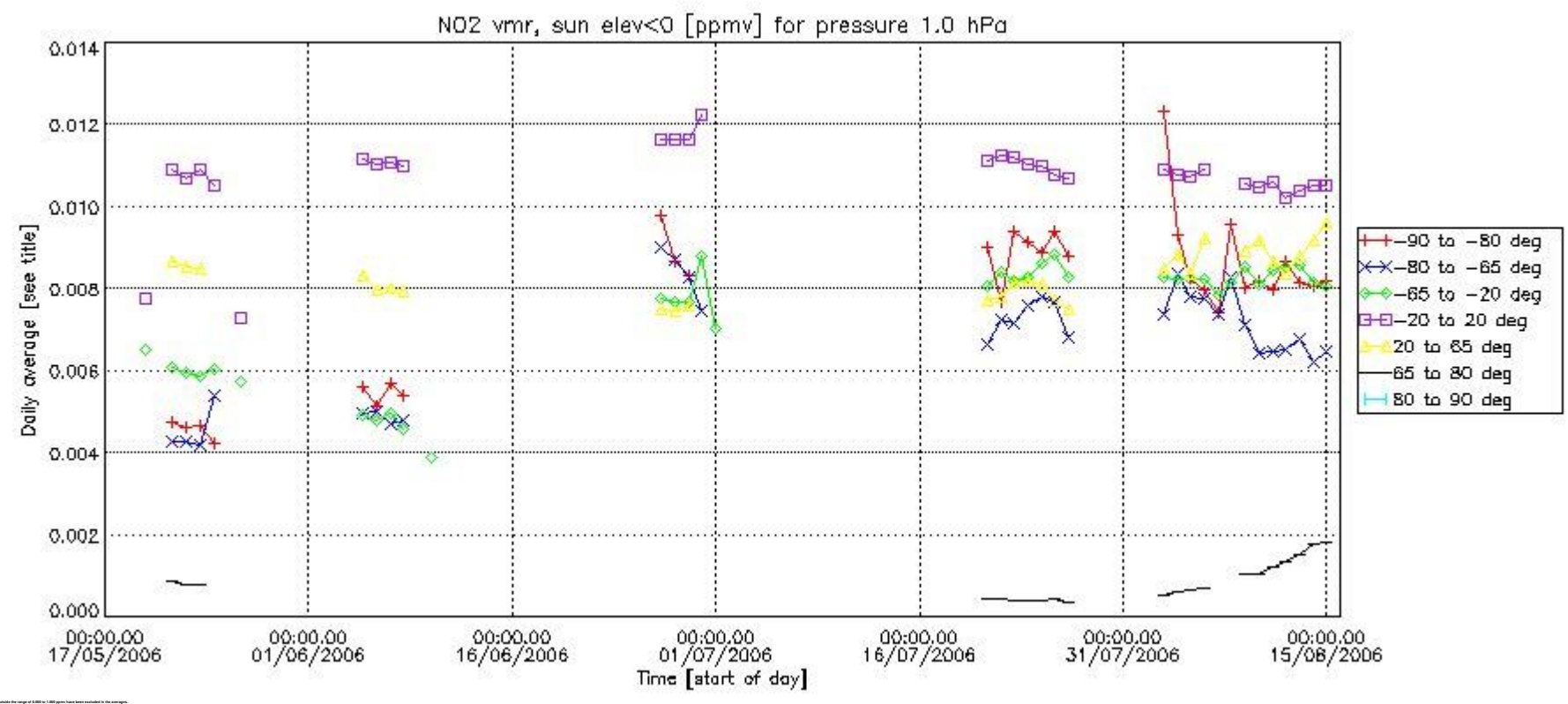
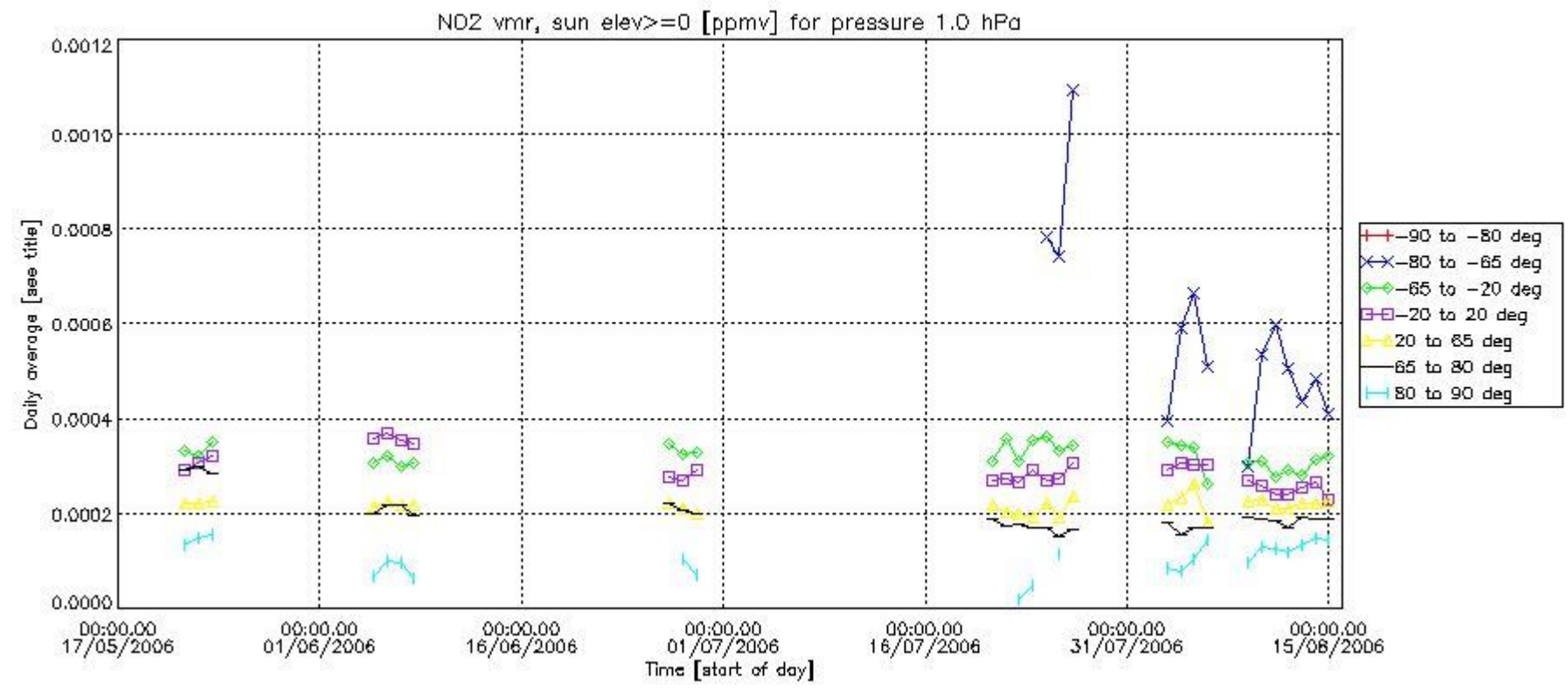


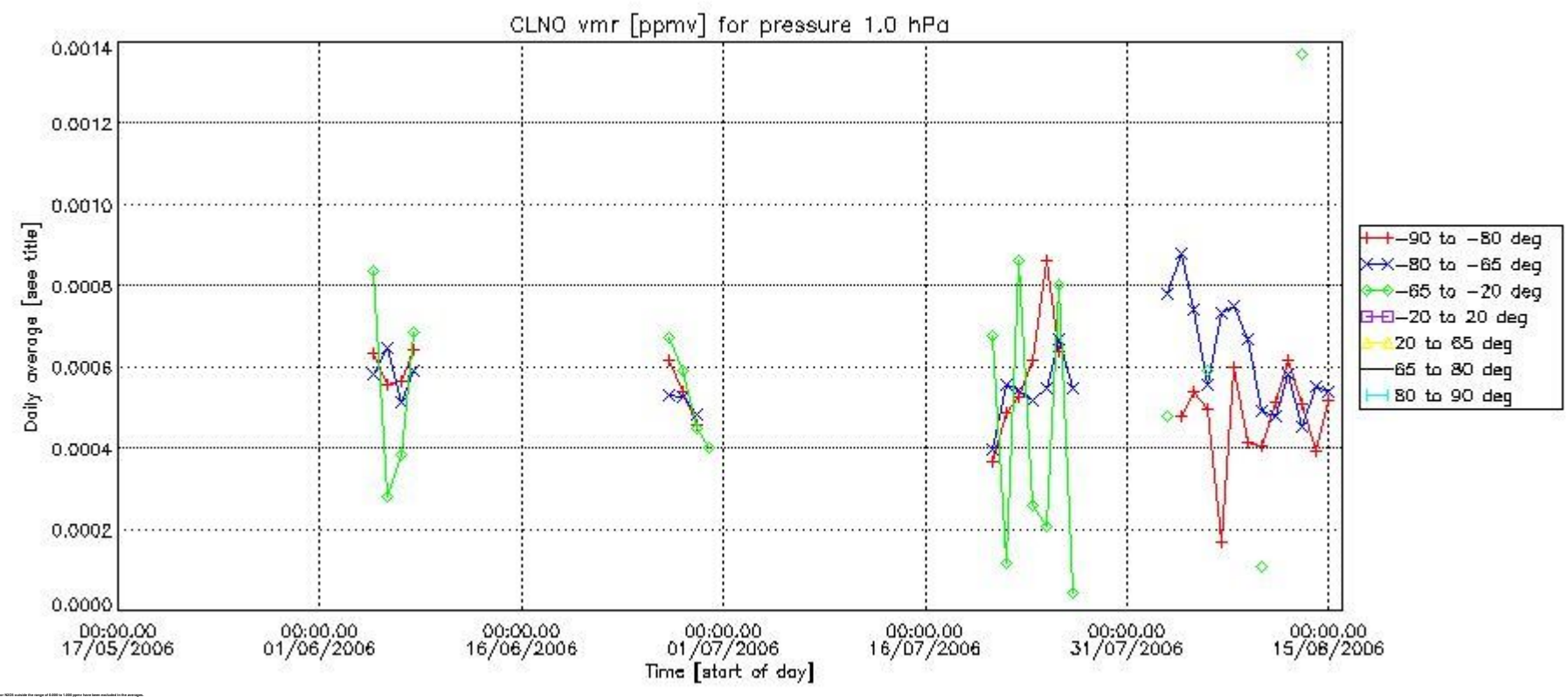
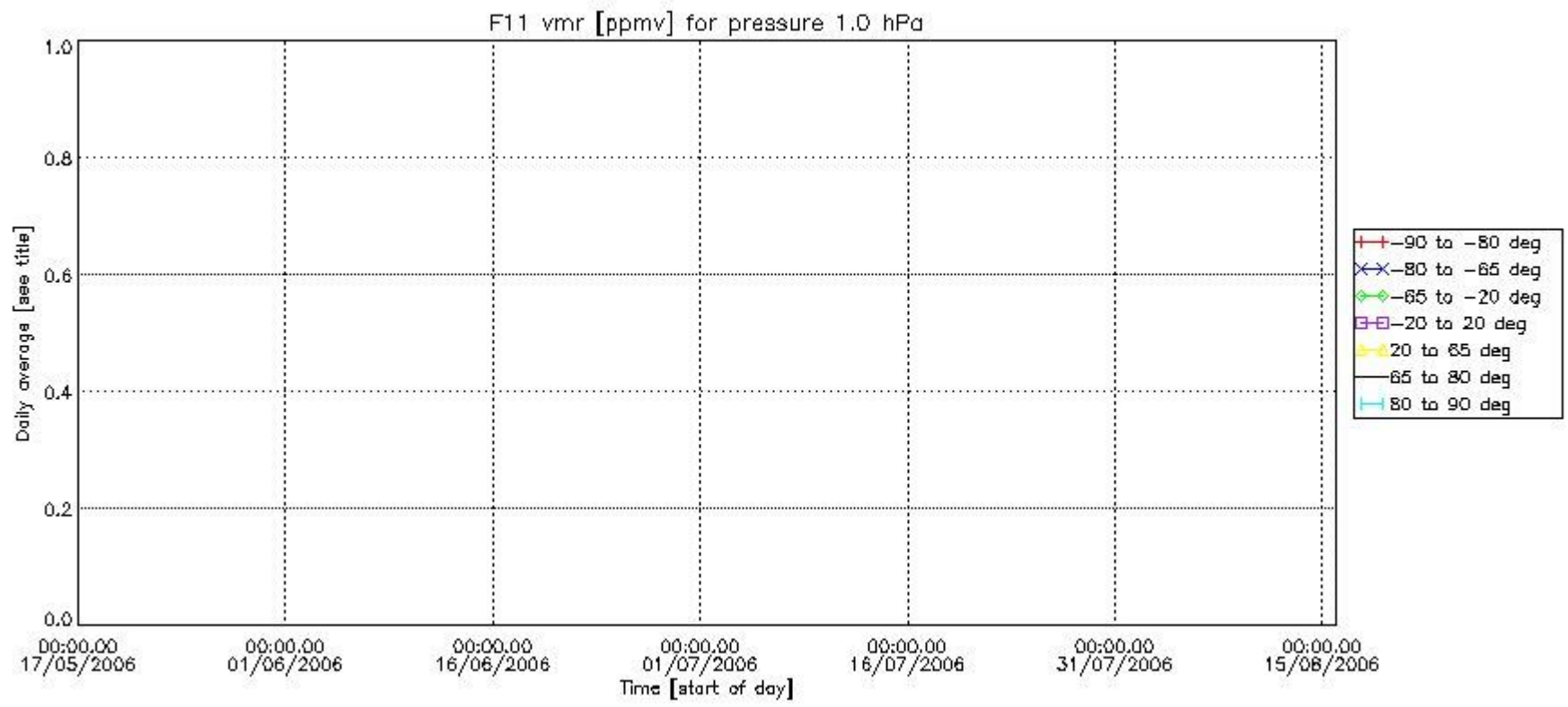


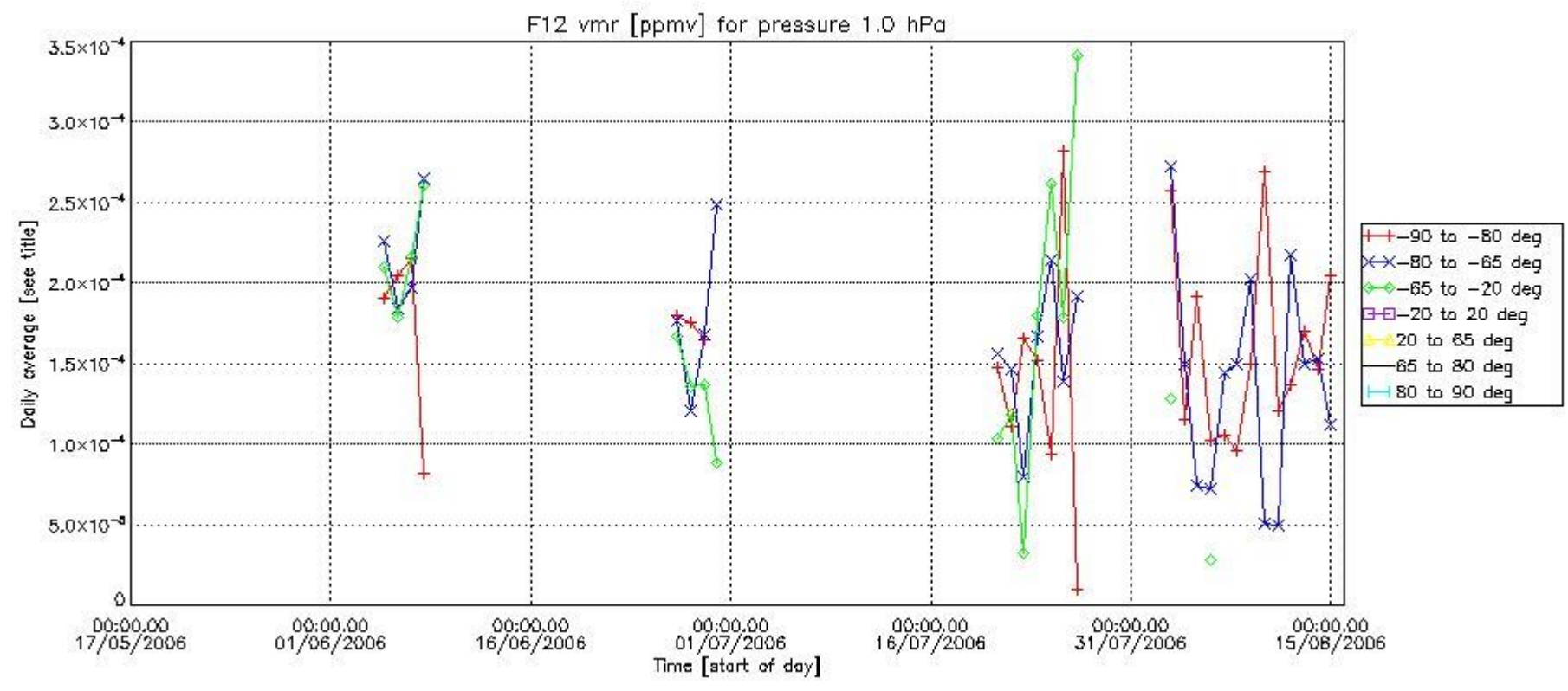
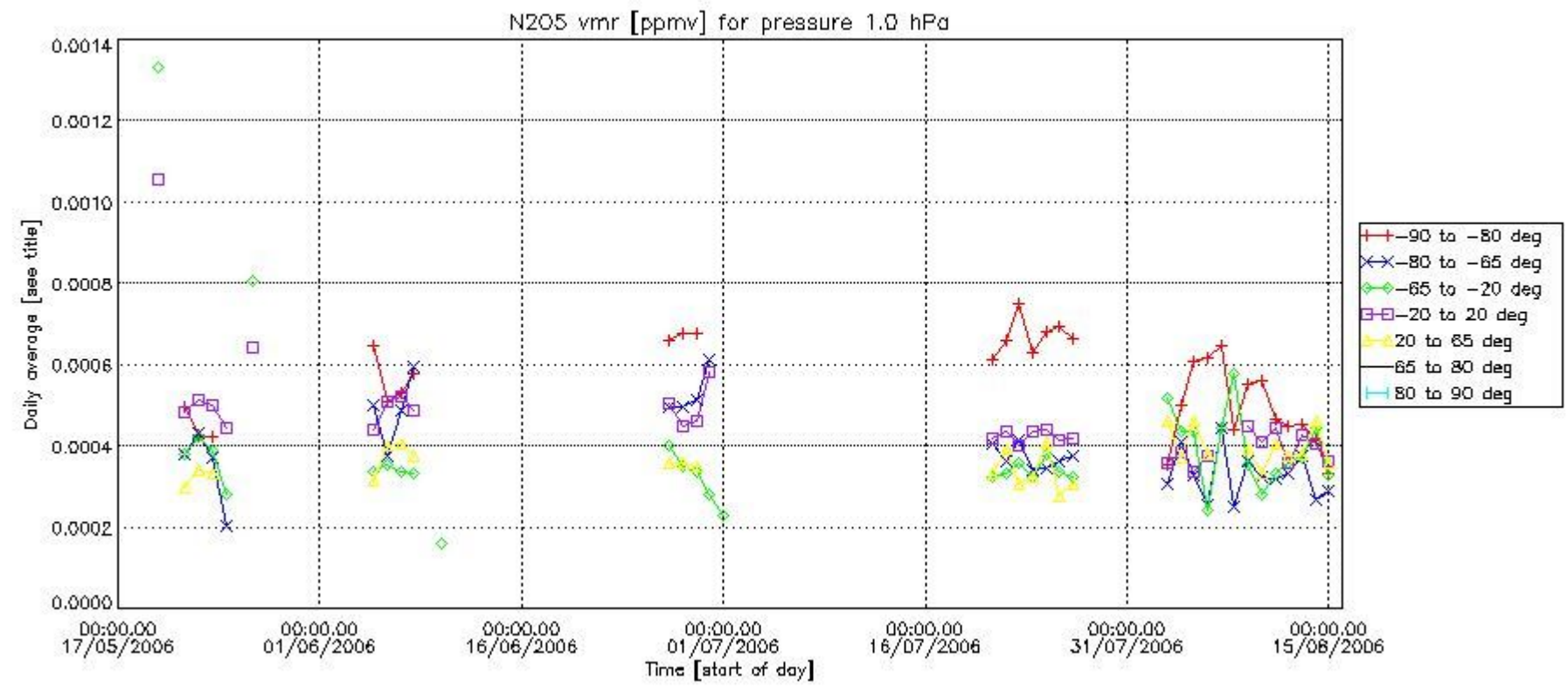


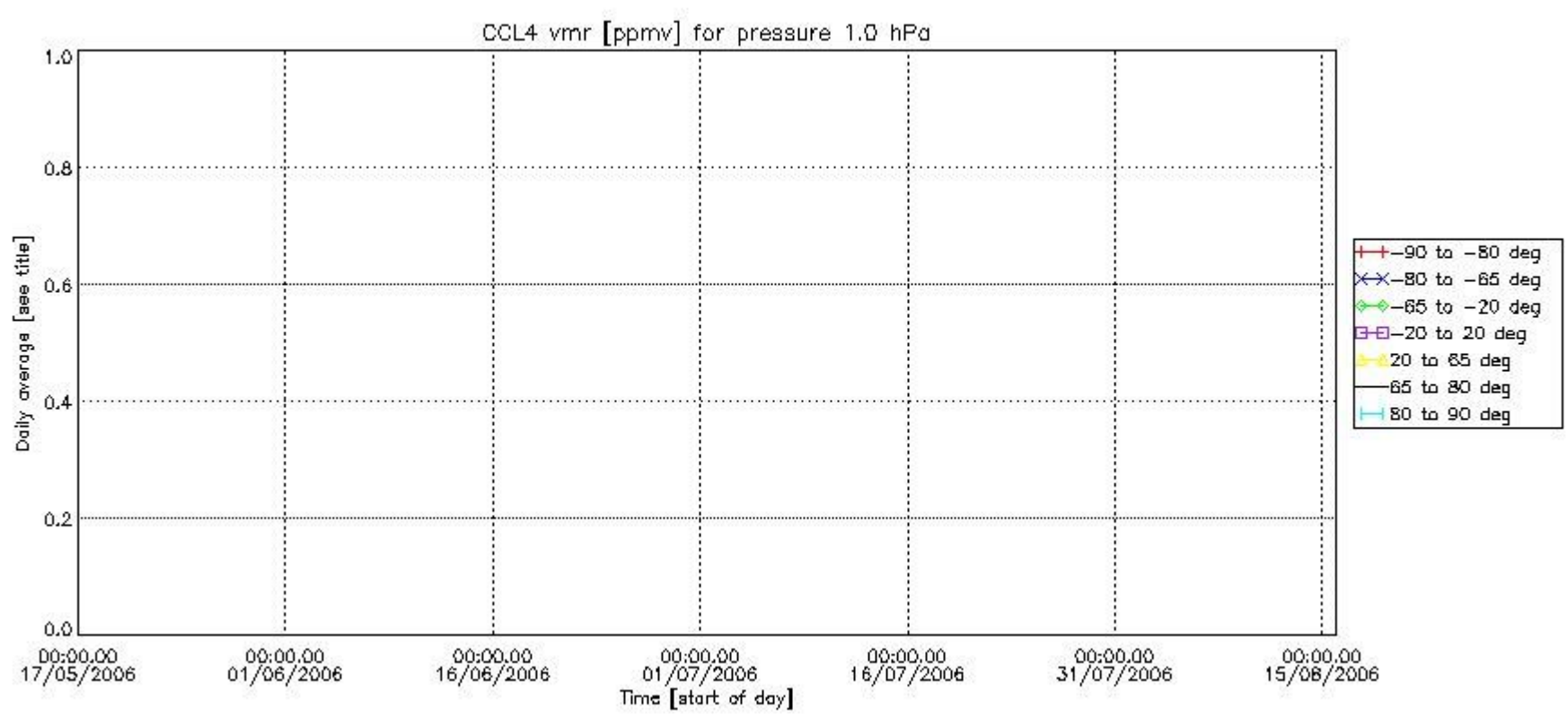
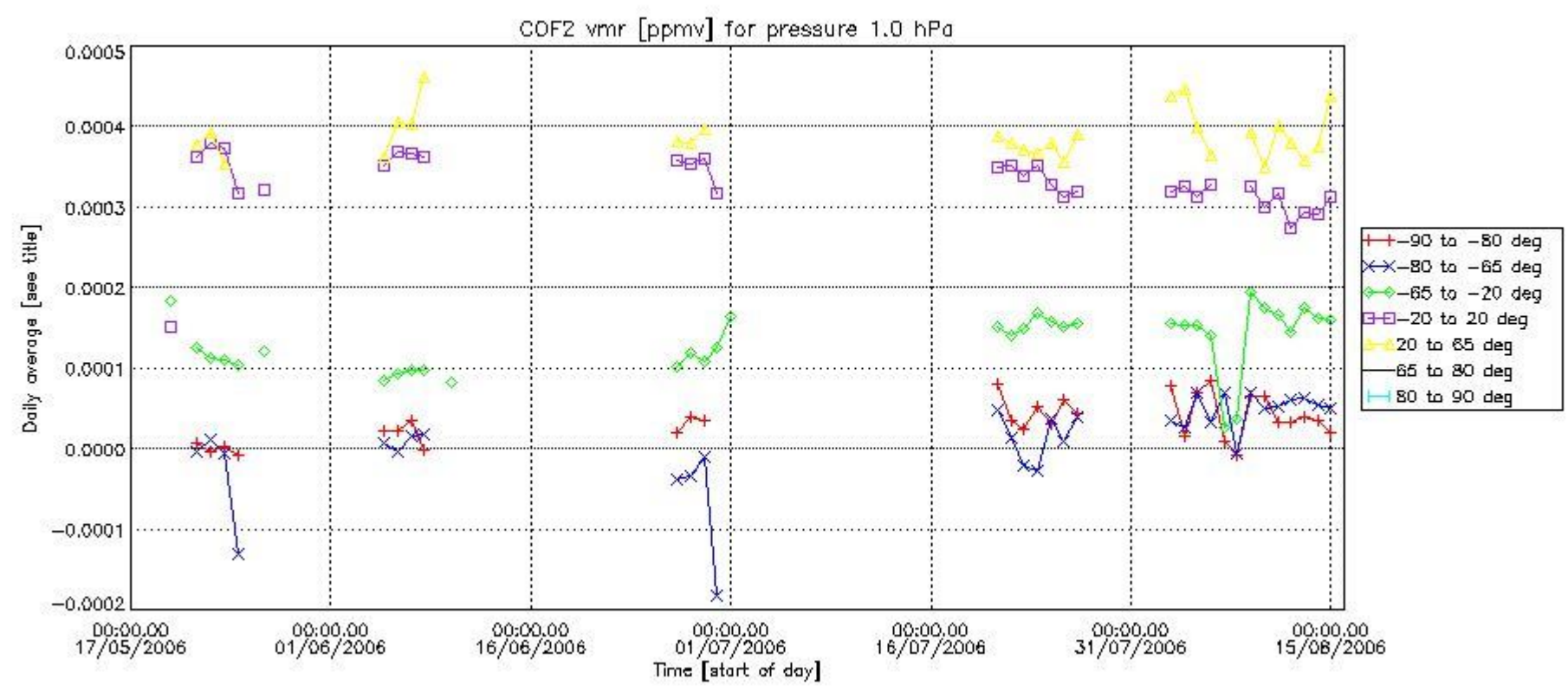


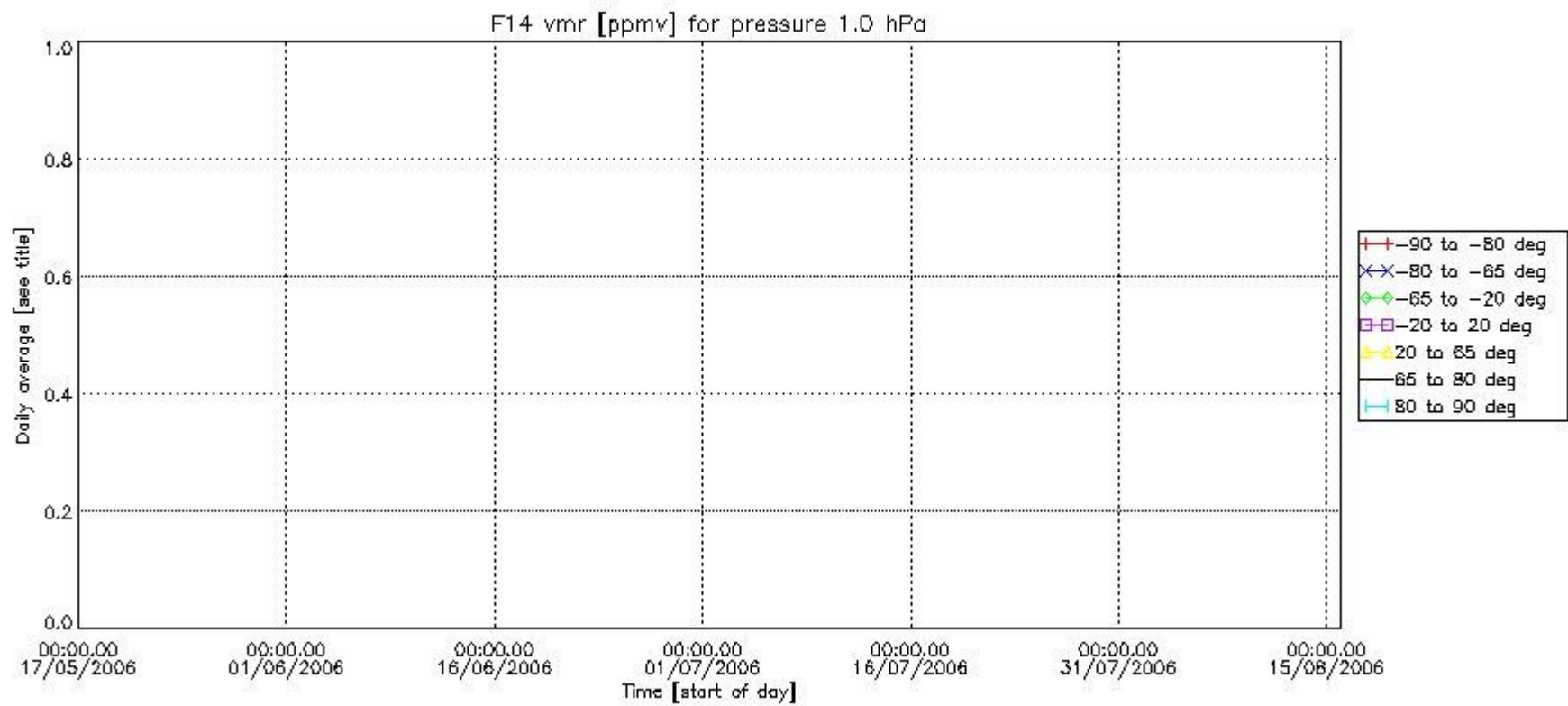
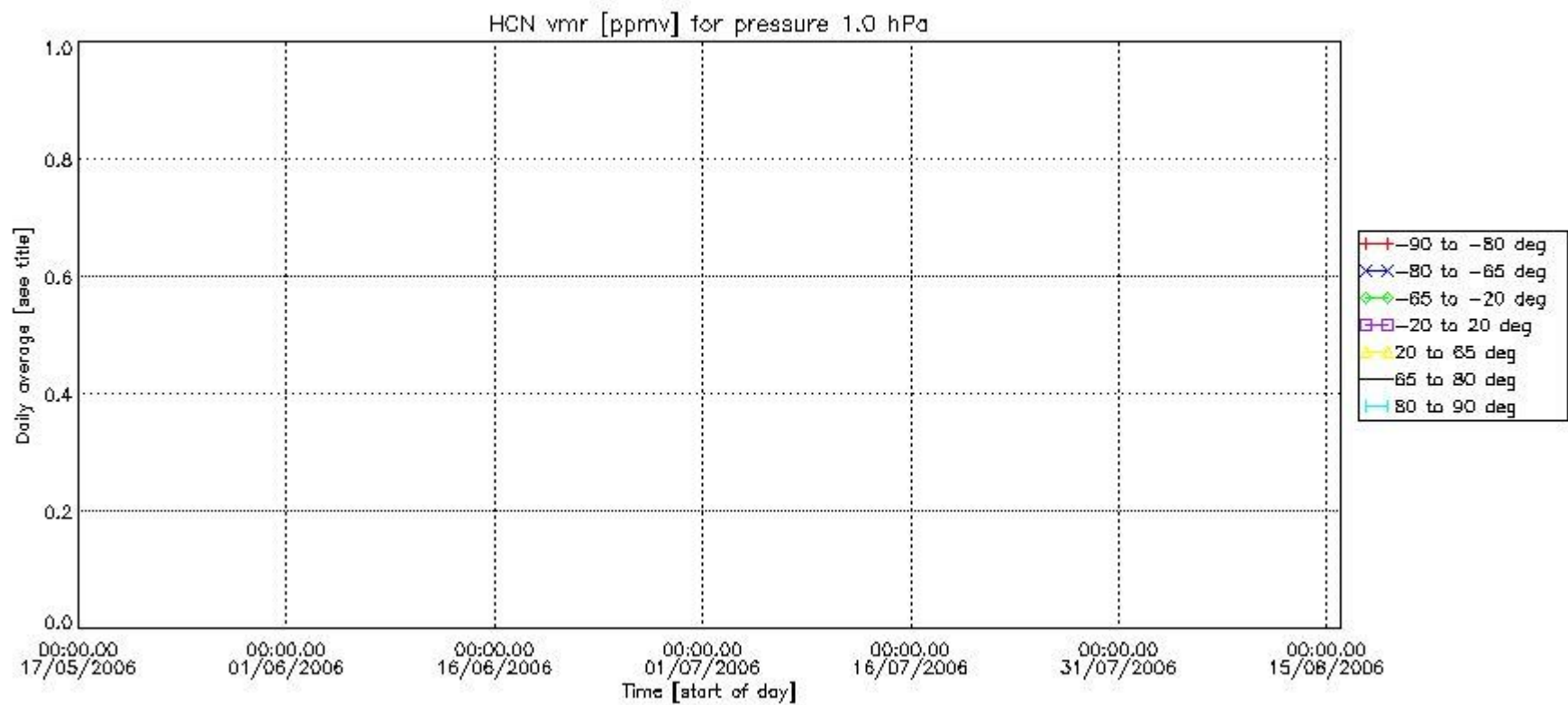


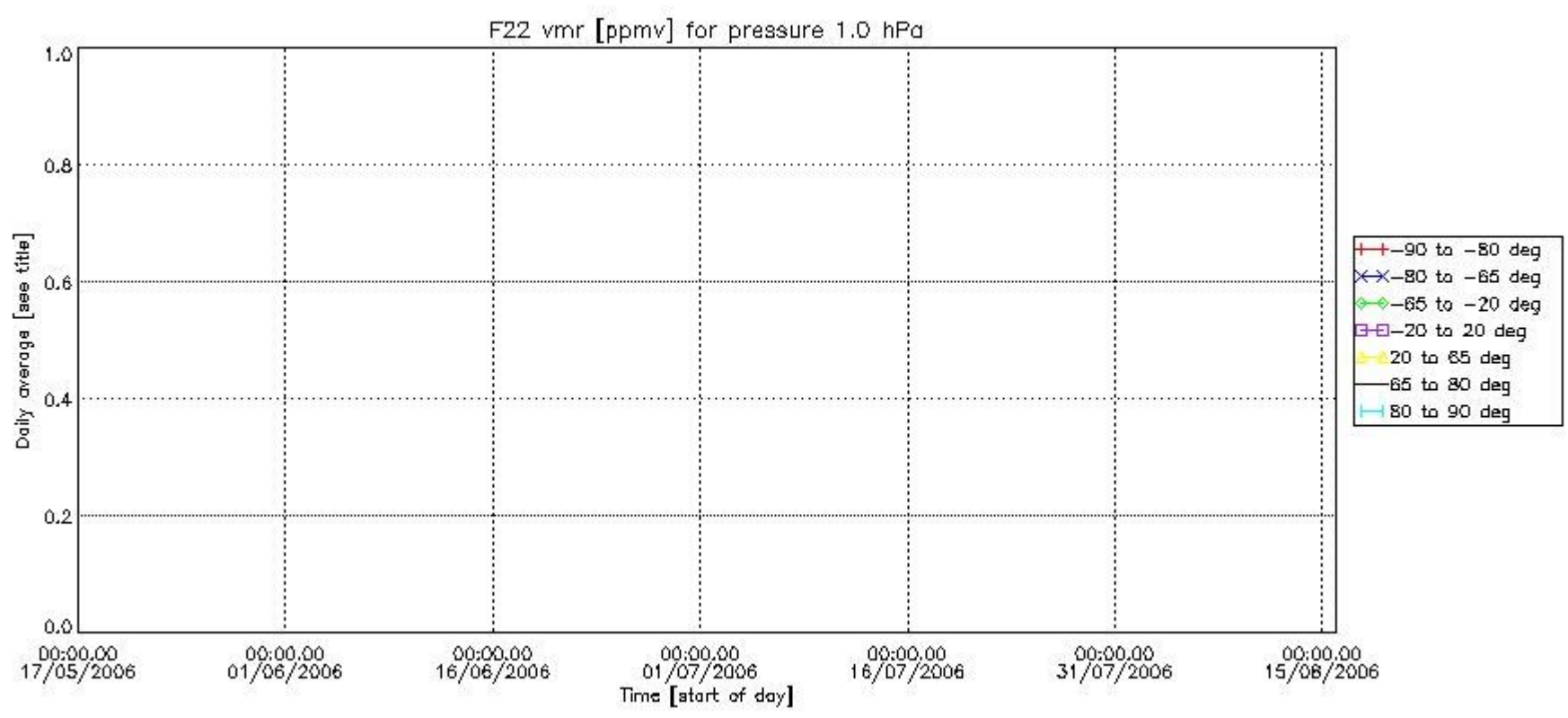












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

