

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20060814.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 19:59:35
Data source version	ML2PP/7.03-W
Processing scope for products	14AUG2006 00:00:00 to 15AUG2006 00:00:00
Start time of first product within scope	13AUG2006 23:31:57
Stop time of last product within scope	15AUG2006 00:24:21
Total number of level 2 products	9
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__2PWDSI20060813_233157_000050402050_00188_23288_1000.N1	13AUG2006 23:31:57	14AUG2006 00:55:58	0	111/111	VMR_TERM_MACRO_MICRO[HCN/micro:2]
1	MIP_NL__2PWDSI20060814_073313_000012542050_00192_23292_1000.N1	14AUG2006 07:33:13	14AUG2006 07:54:07	0	24/24	
2	MIP_NL__2PWDSI20060814_075457_000060302050_00193_23293_1000.N1	14AUG2006 07:54:57	14AUG2006 09:35:27	0	109/109	VMR_TERM_MACRO_MICRO[H2O/macro:1; HCN/macro:2; F14/macro:1; HCN/micro:2]
3	MIP_NL__2PWDSI20060814_093533_000060302050_00194_23294_1000.N1	14AUG2006 09:35:33	14AUG2006 11:16:03	0	128/128	VMR_TERM_MACRO_MICRO[CLNO/micro:1; HCN/micro:3]
4	MIP_NL__2PWDSI20060814_111609_000050402050_00195_23295_1000.N1	14AUG2006 11:16:09	14AUG2006 12:40:09	0	111/111	VMR_TERM_MACRO_MICRO[F14/macro:1; CLNO/micro:1]
5	MIP_NL__2PWDSI20060814_191725_000012532050_00199_23299_1000.N1	14AUG2006 19:17:25	14AUG2006 19:38:18	0	24/24	
6	MIP_NL__2PWDSI20060814_193909_000060302050_00200_23300_1000.N1	14AUG2006 19:39:09	14AUG2006 21:19:38	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:1]
7	MIP_NL__2PWDSI20060814_211944_000060302050_00201_23301_1000.N1	14AUG2006 21:19:44	14AUG2006 23:00:14	0	128/128	VMR_TERM_MACRO_MICRO[HCN/micro:1]
8	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]

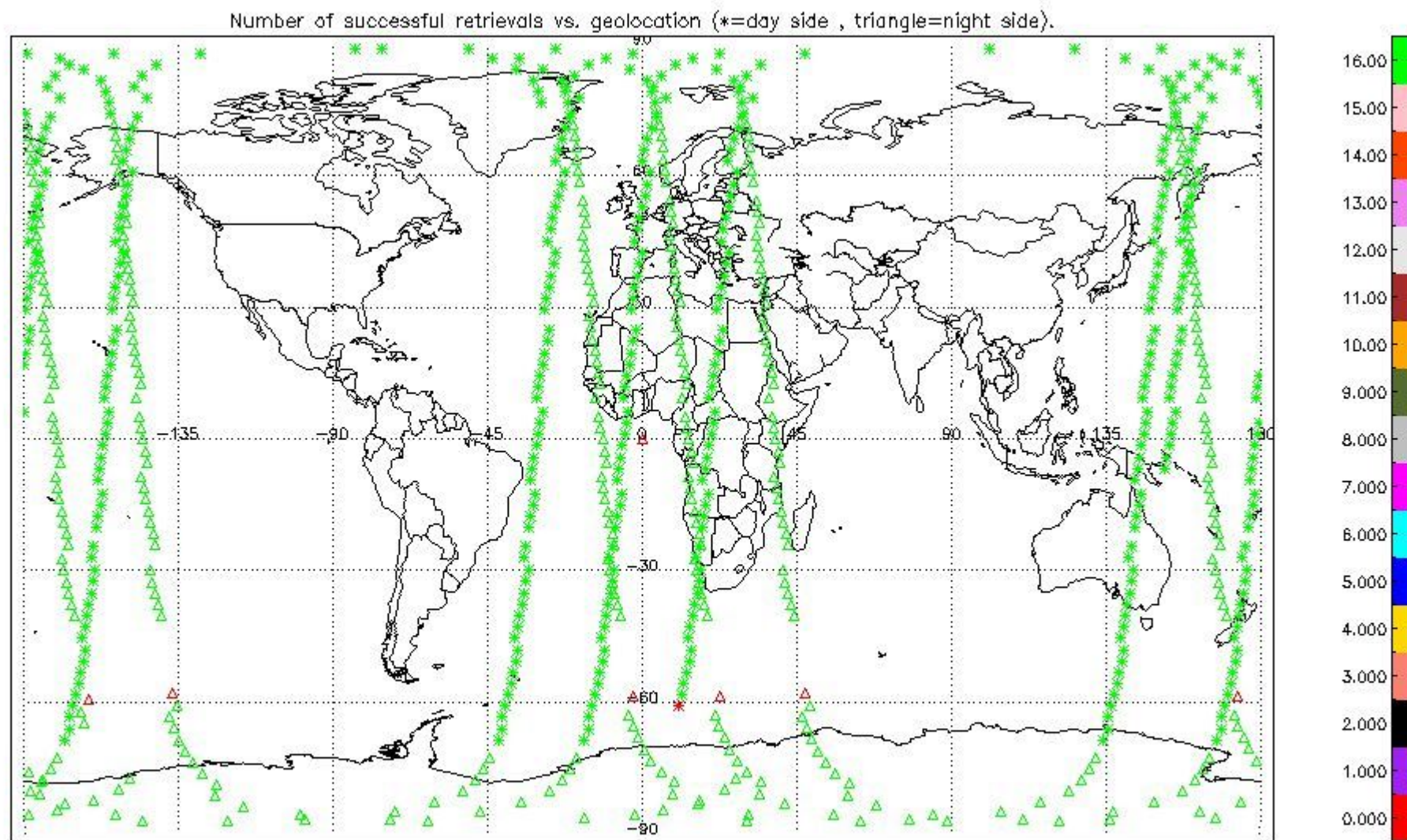
2.2 Processing performance indicators

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.

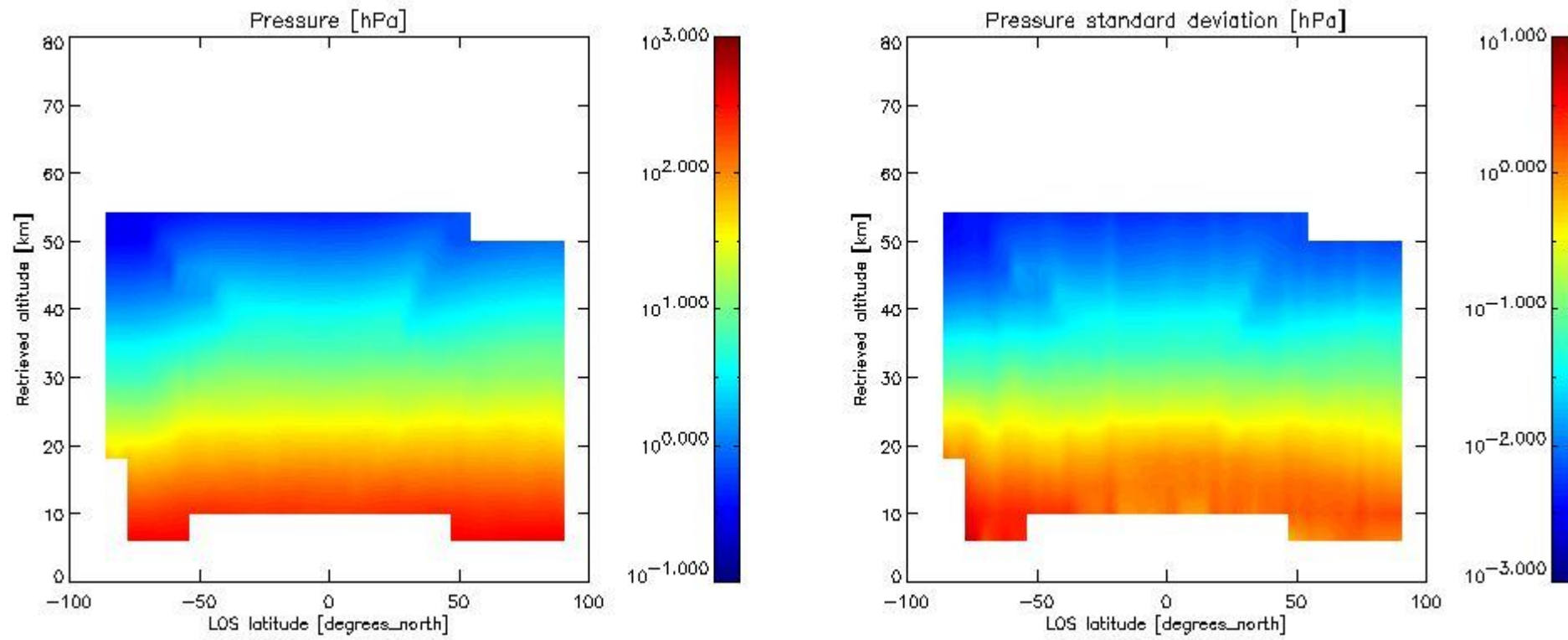
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	874	792	90.618

H2O	874	792	90.618
O3	874	792	90.618
HNO3	874	792	90.618
CH4	874	792	90.618
N2O	874	792	90.618
NO2	874	792	90.618
F11	874	792	90.618
CLNO	874	792	90.618
N2O5	874	792	90.618
F12	874	792	90.618
COF2	874	792	90.618
CCL4	874	792	90.618
HCN	874	792	90.618
F14	874	792	90.618
F22	874	792	90.618



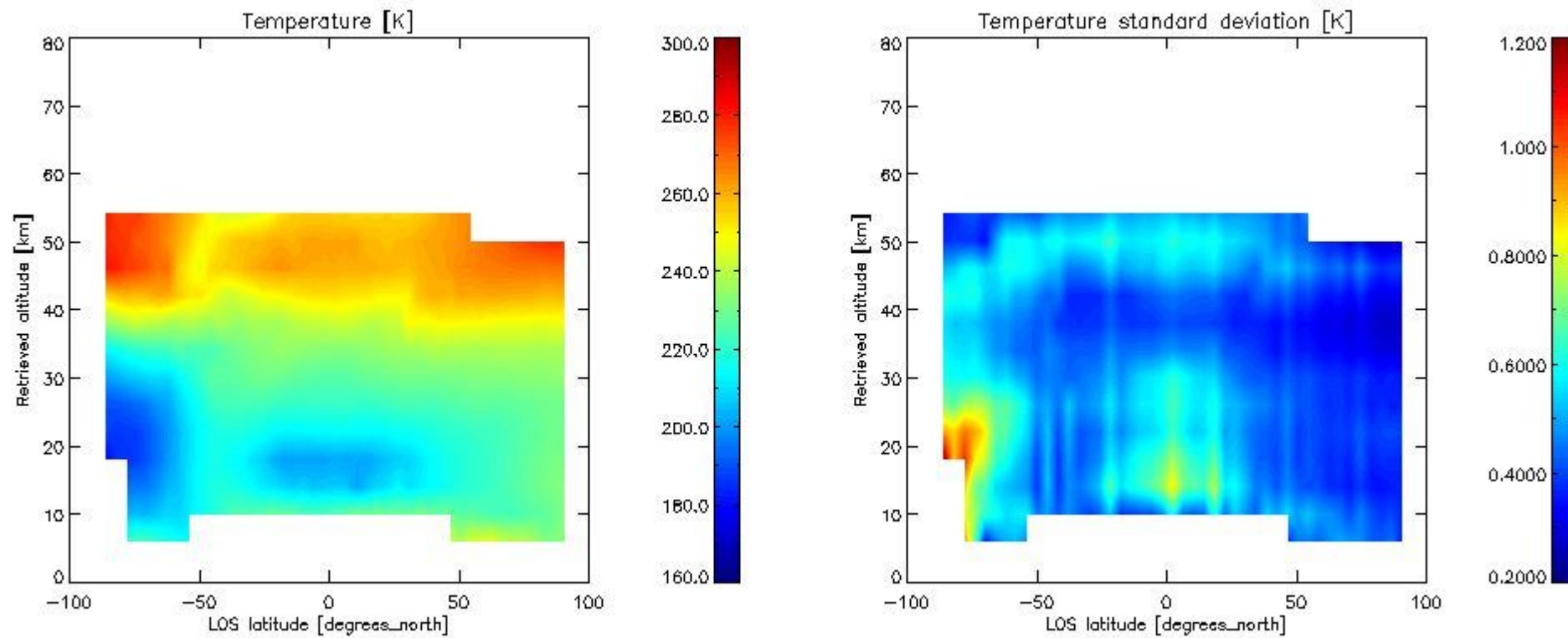
2.2.2 Pressure overview

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



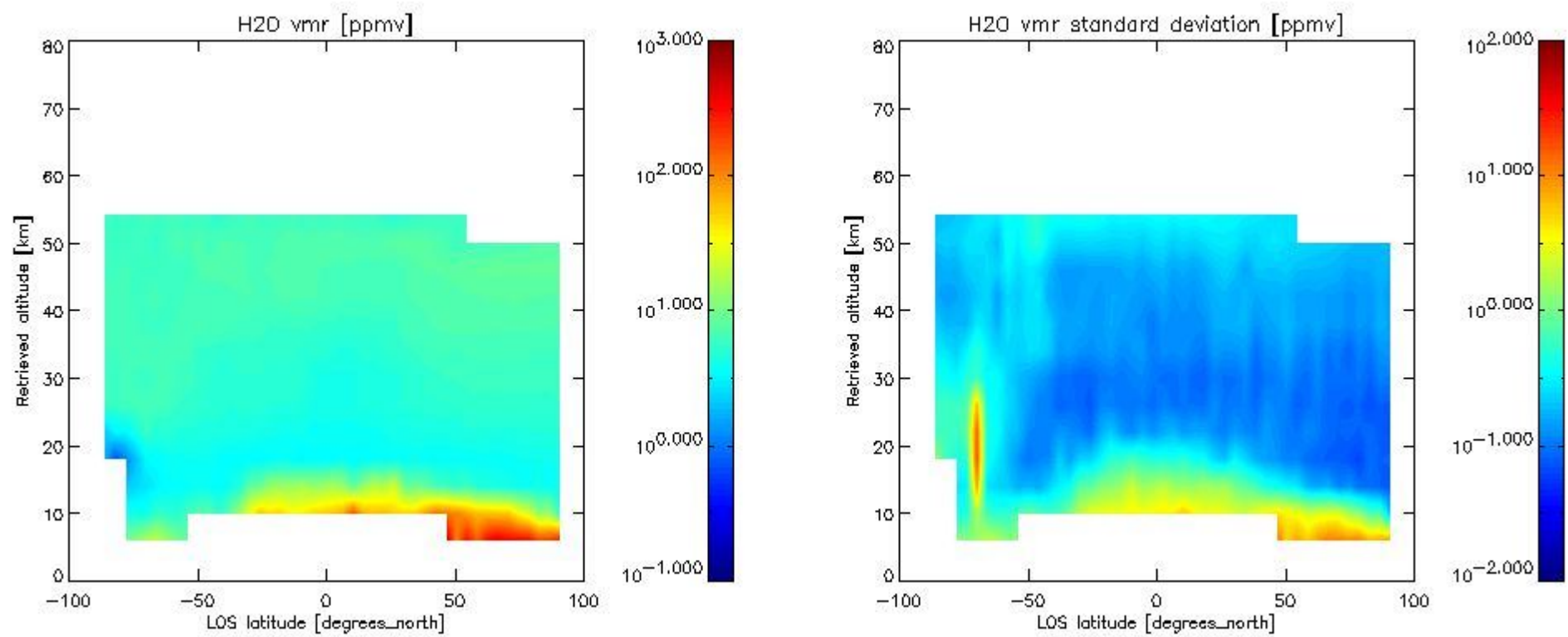
2.2.3 Temperature overview

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

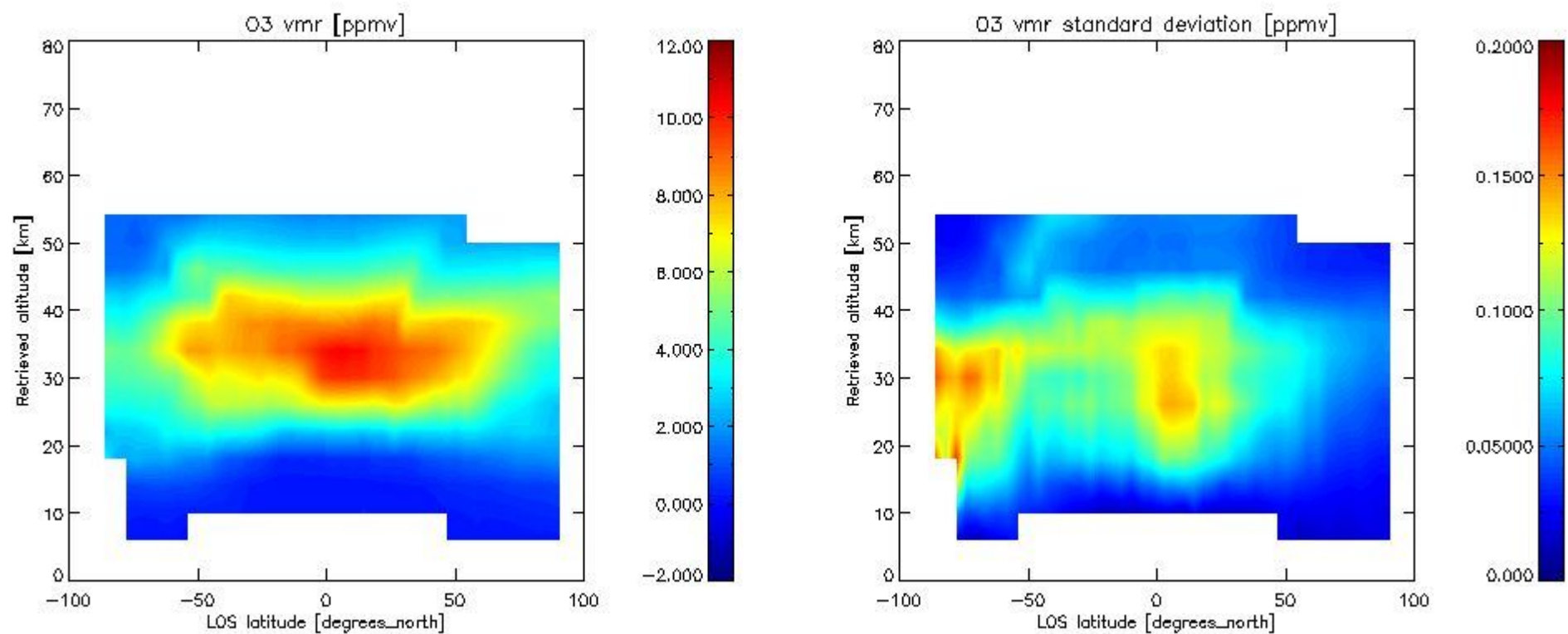


2.2.4 Species overview

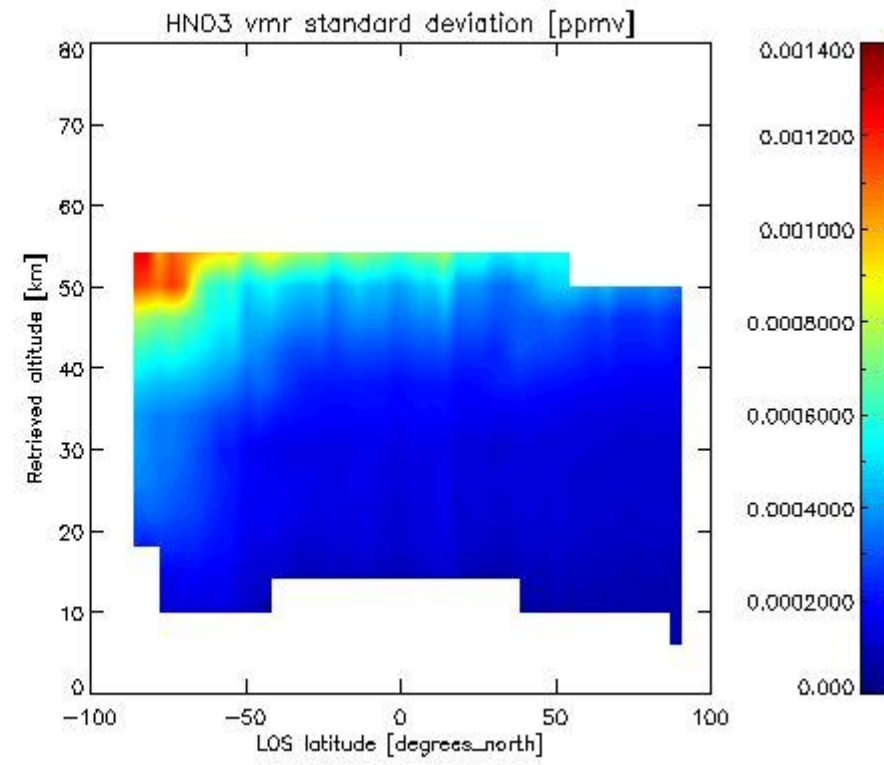
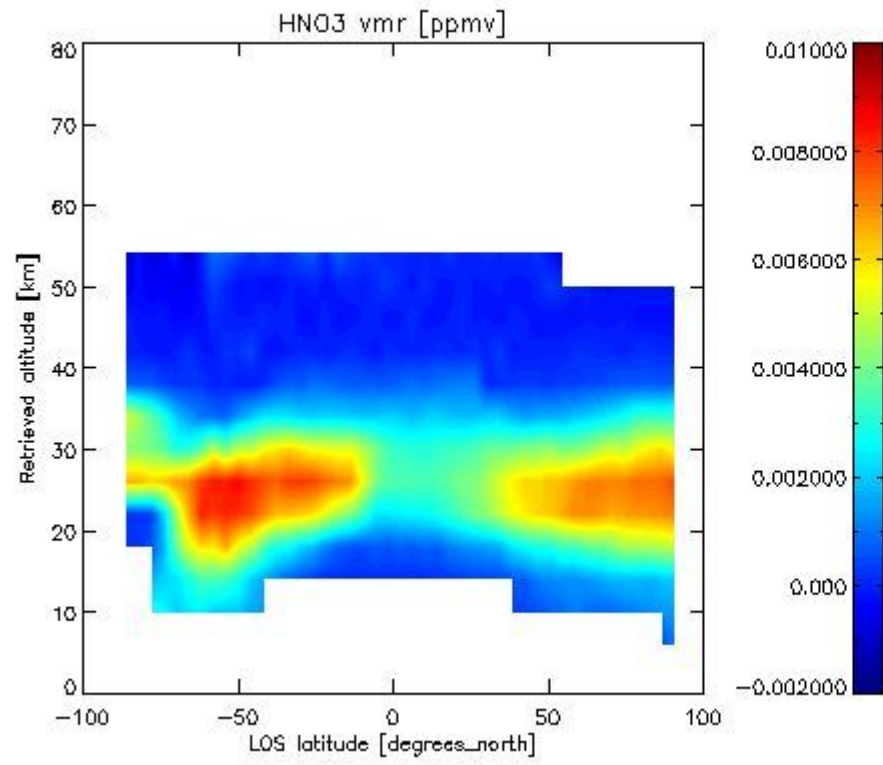
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



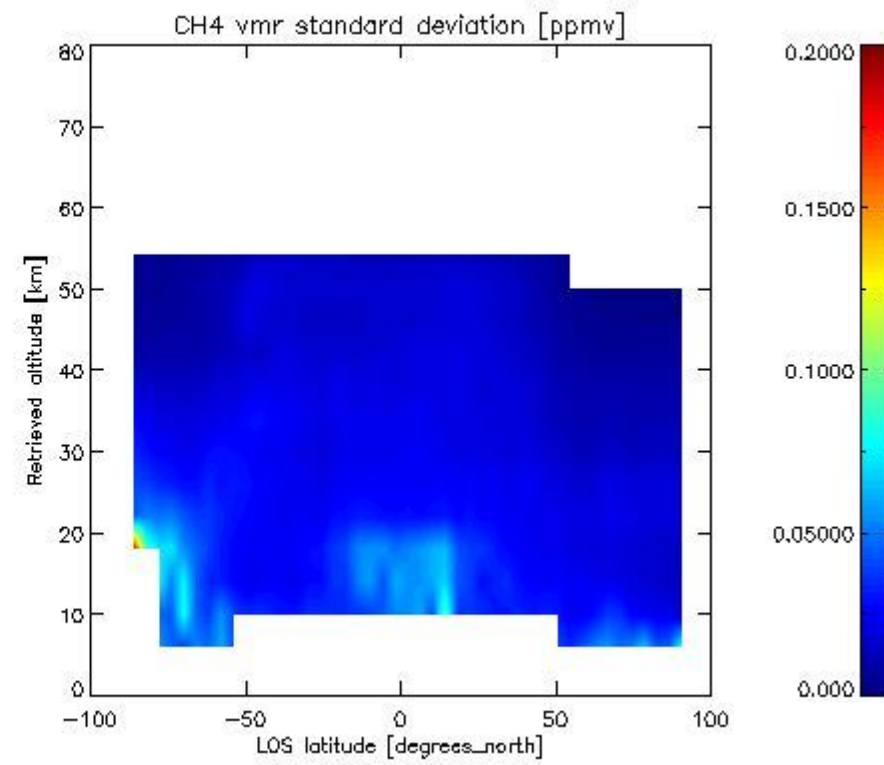
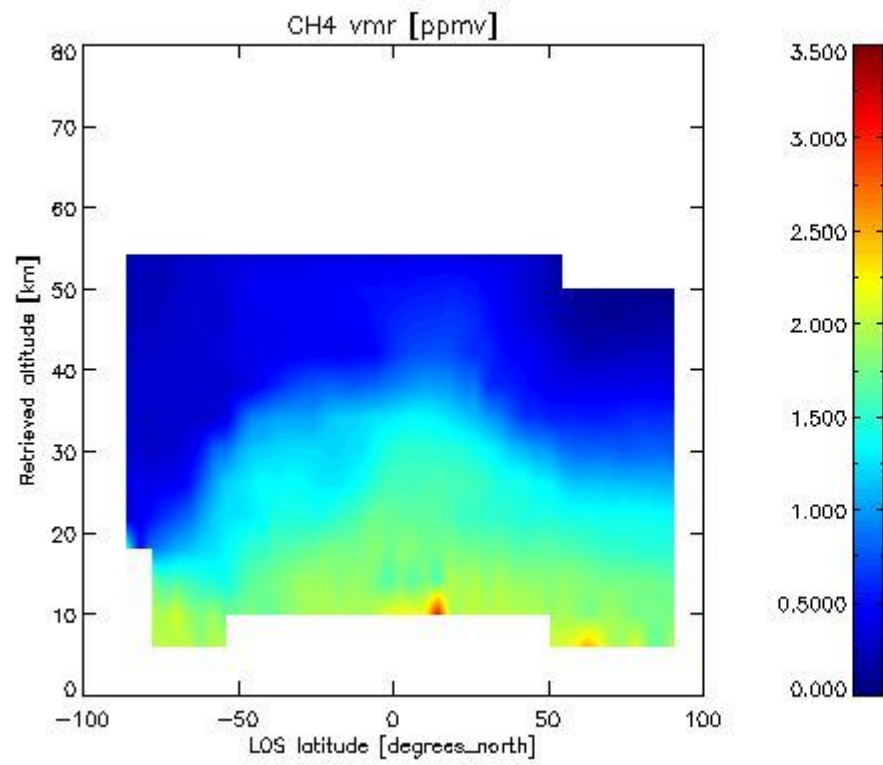
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



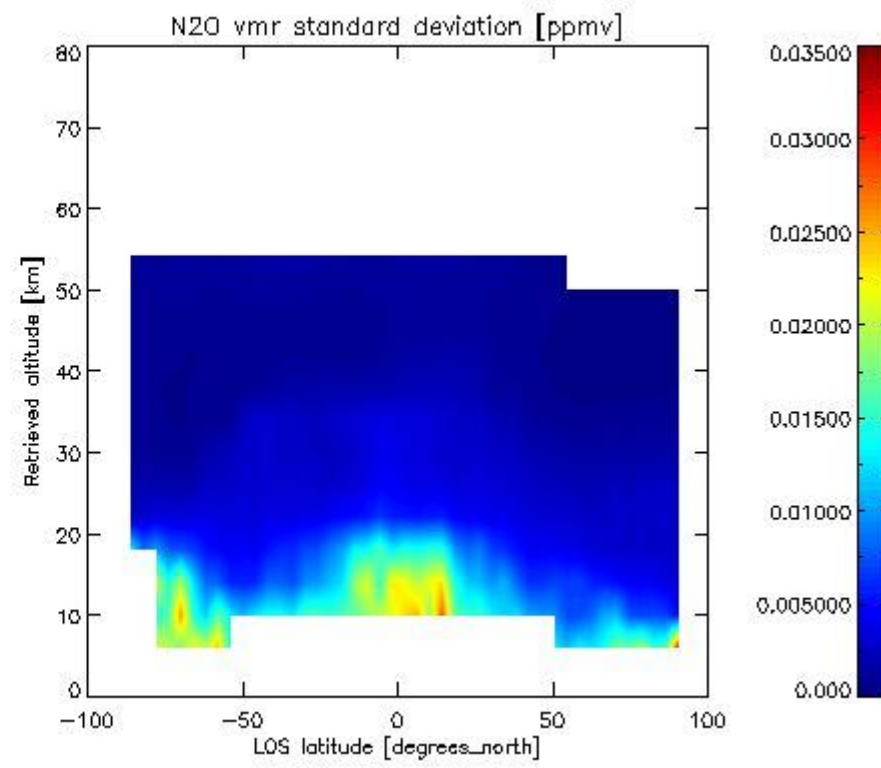
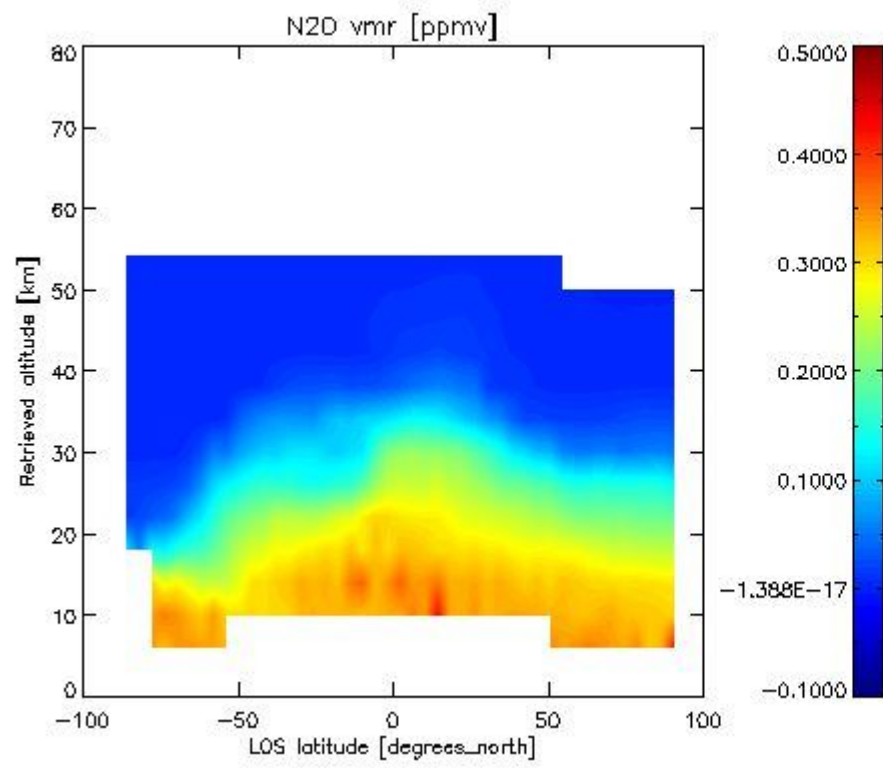
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



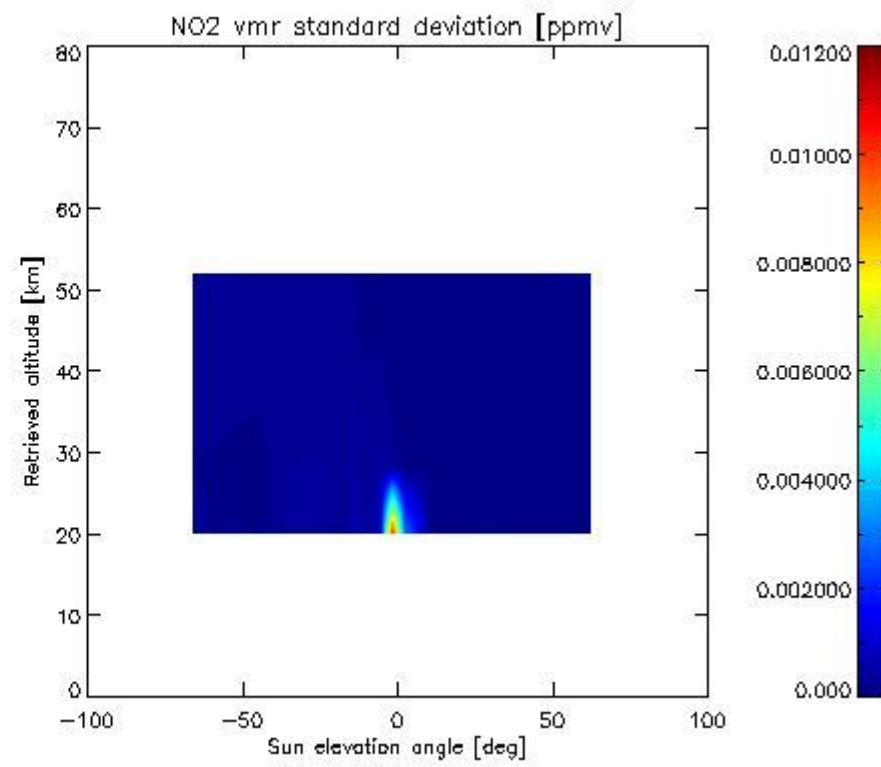
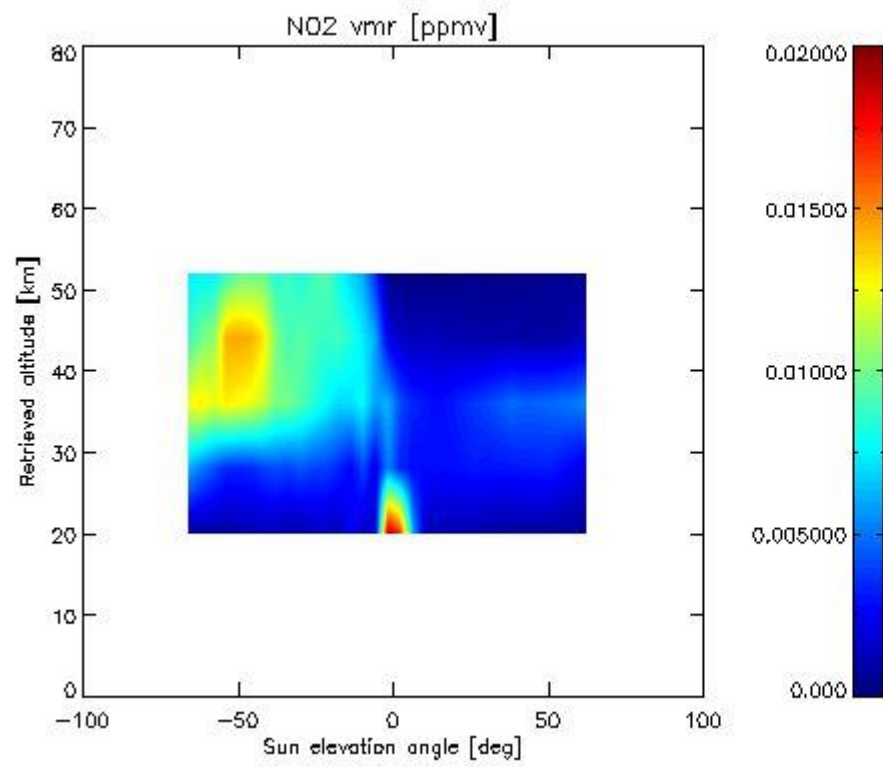
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



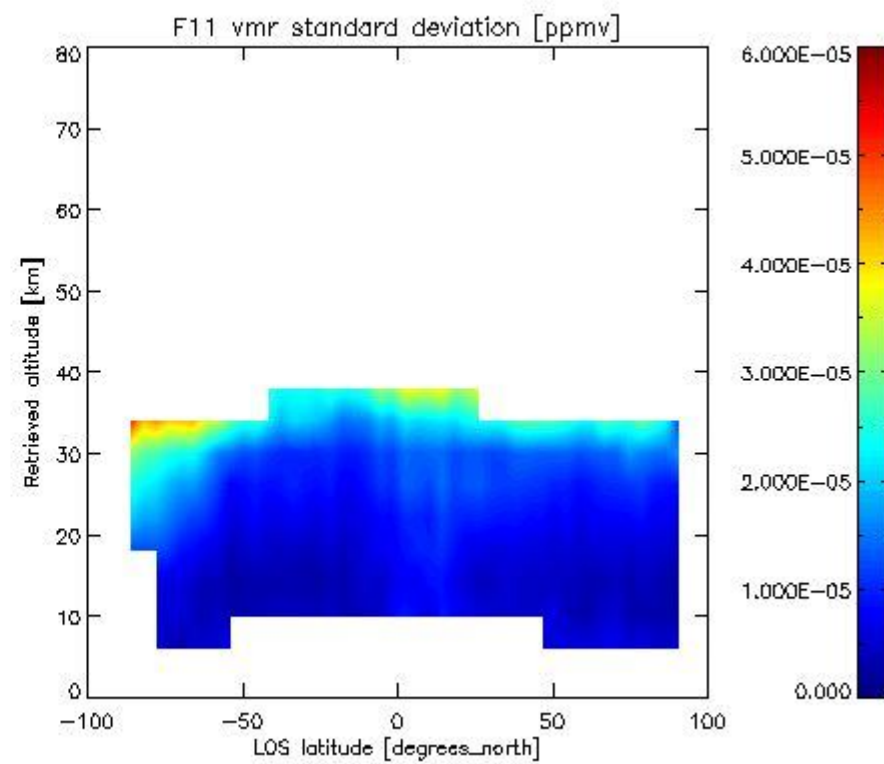
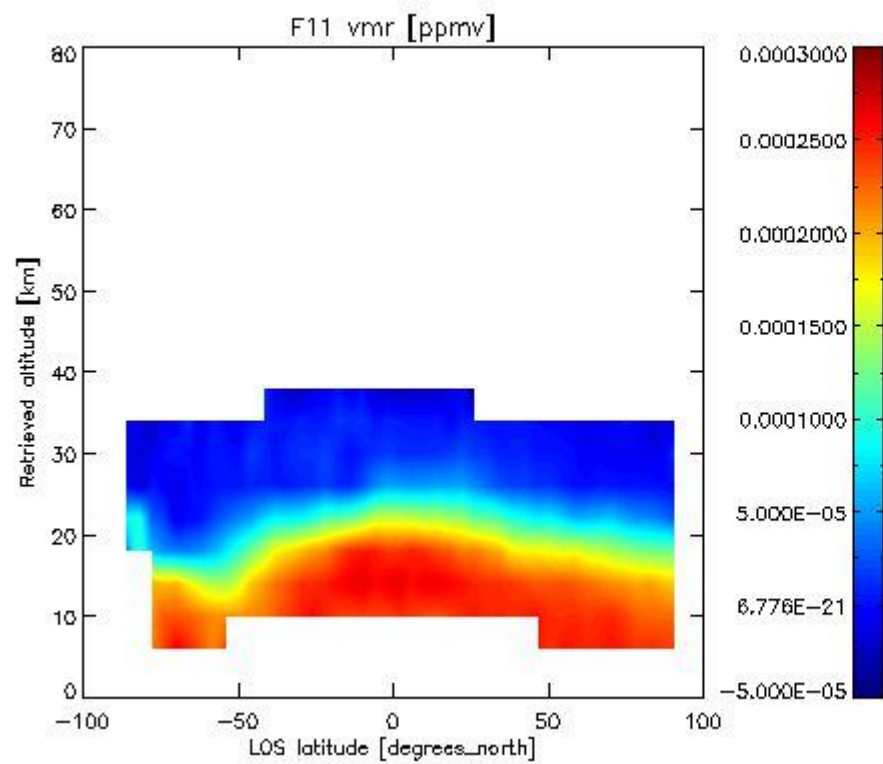
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



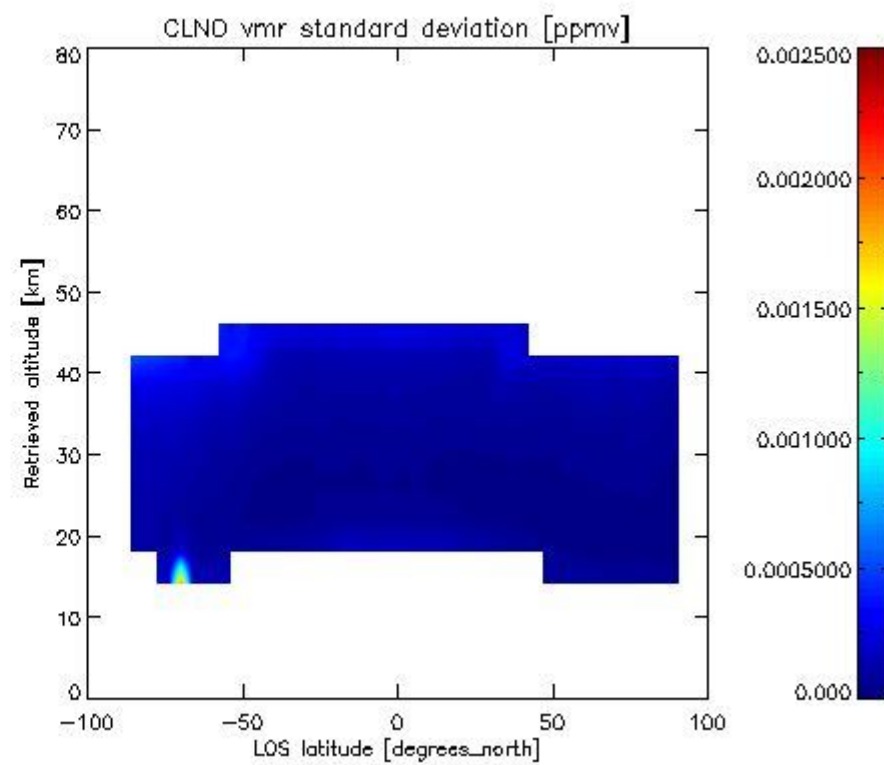
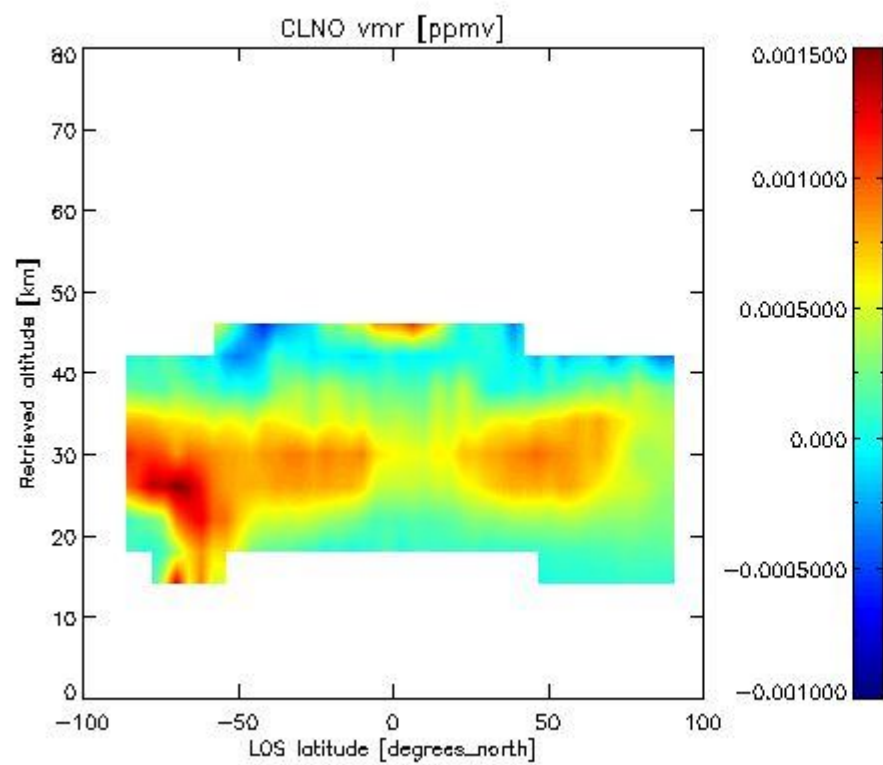
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

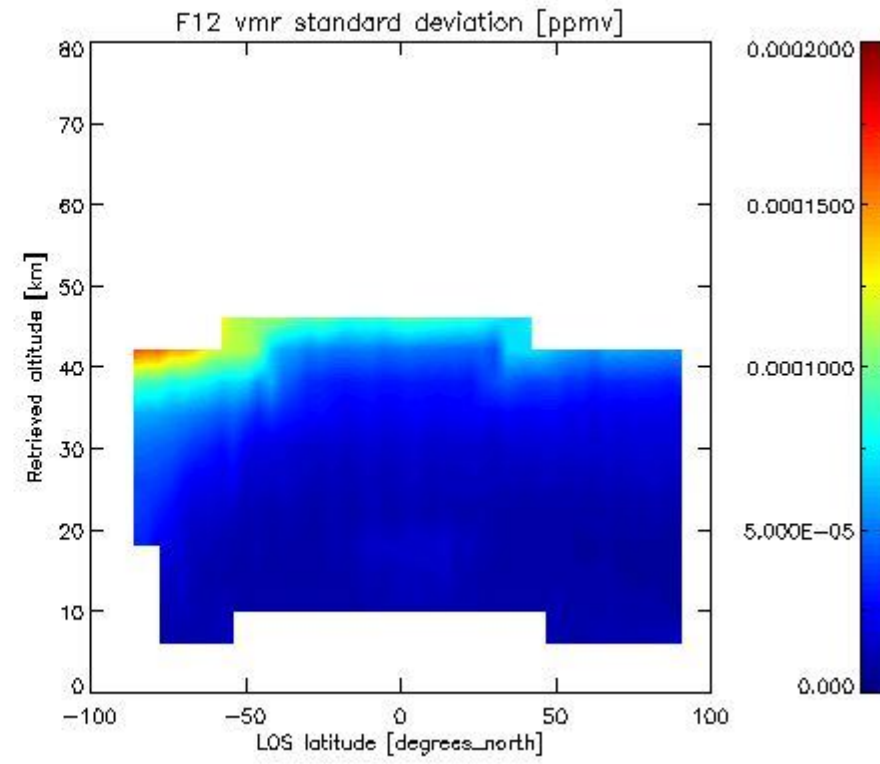
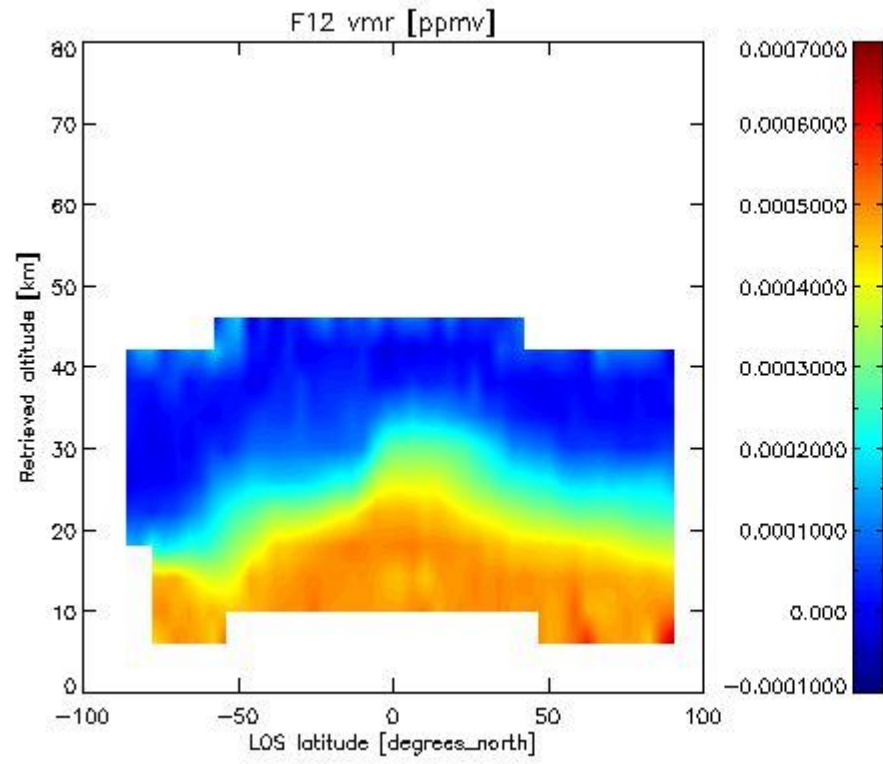
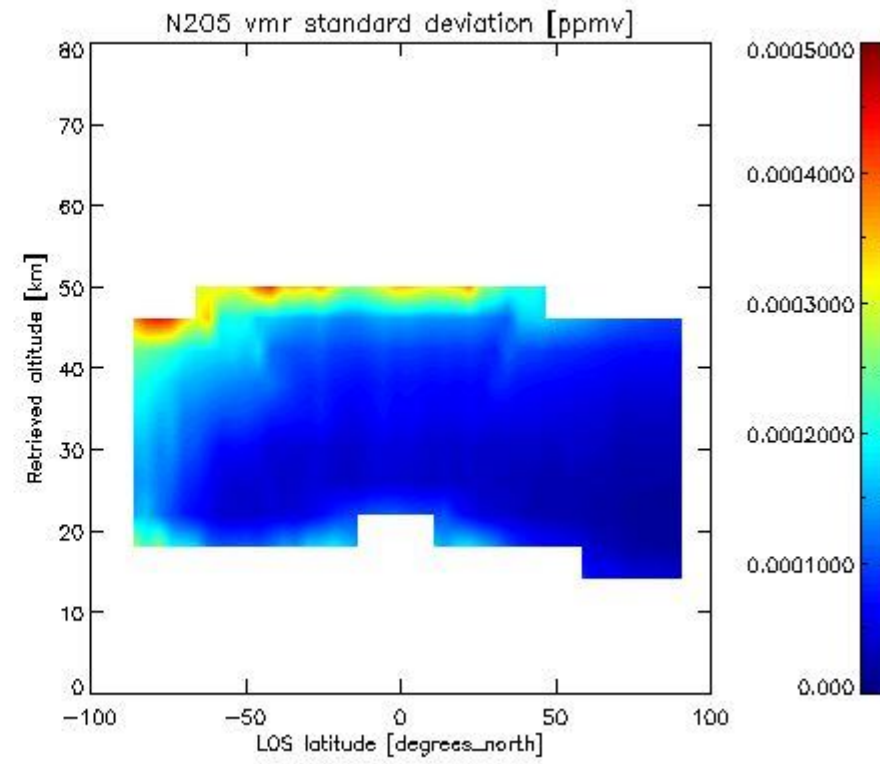
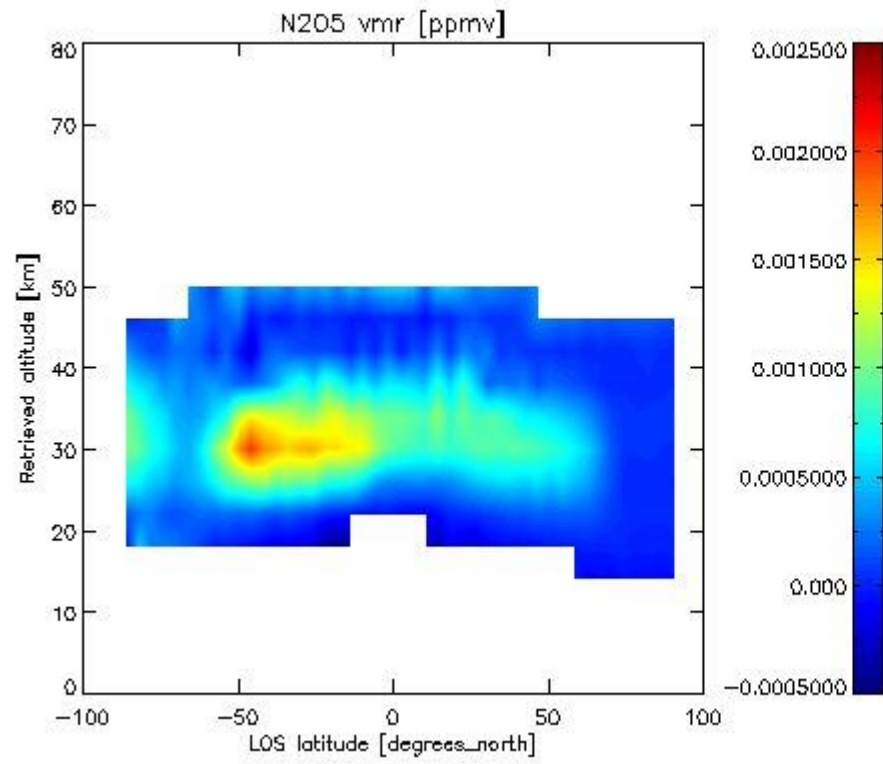


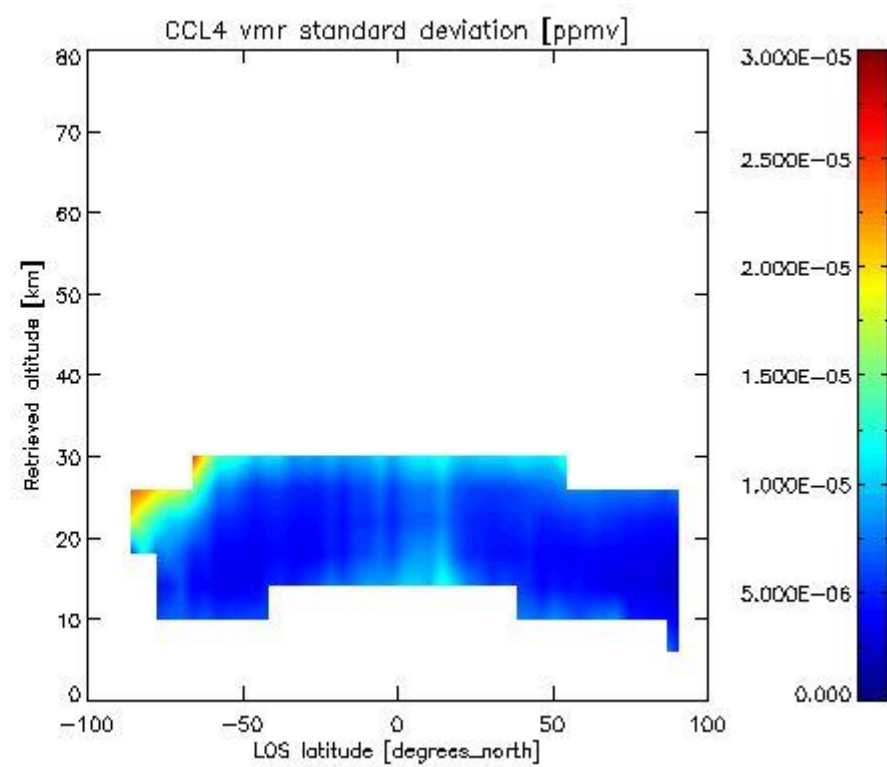
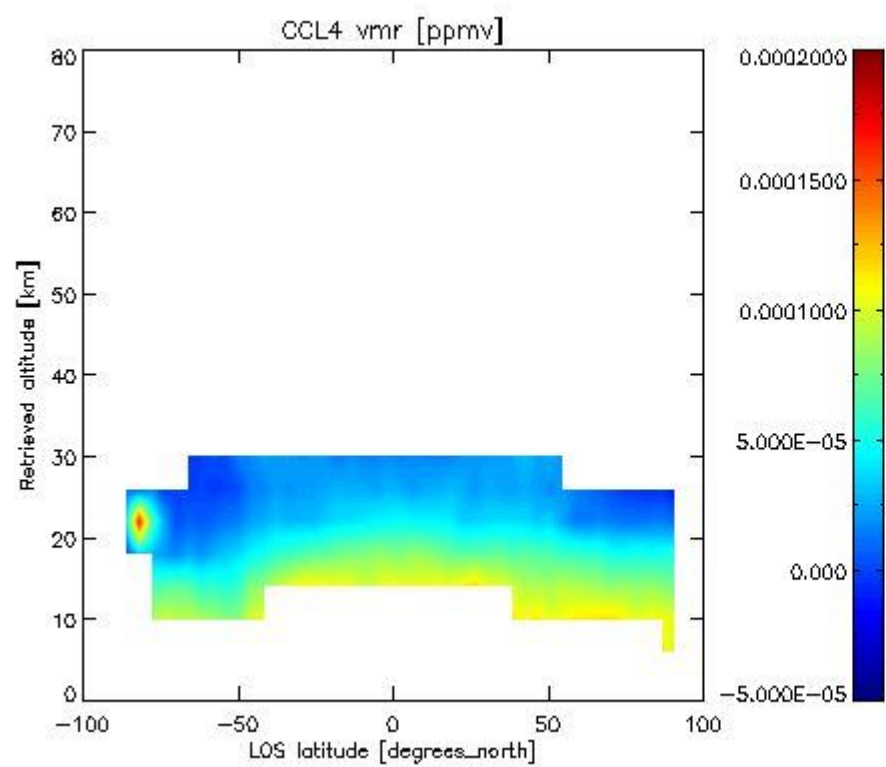
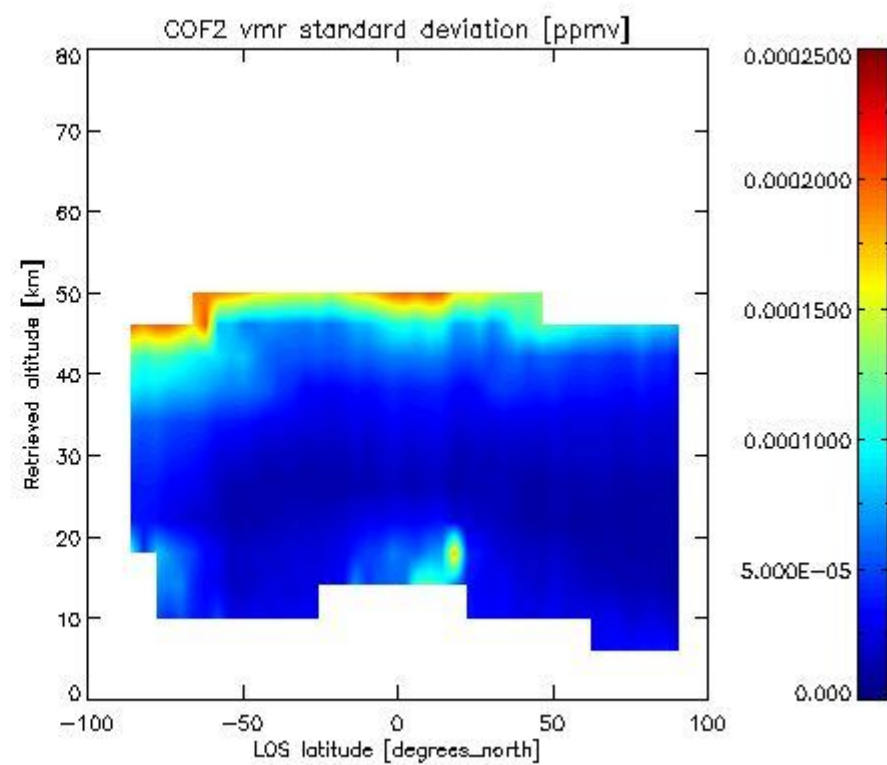
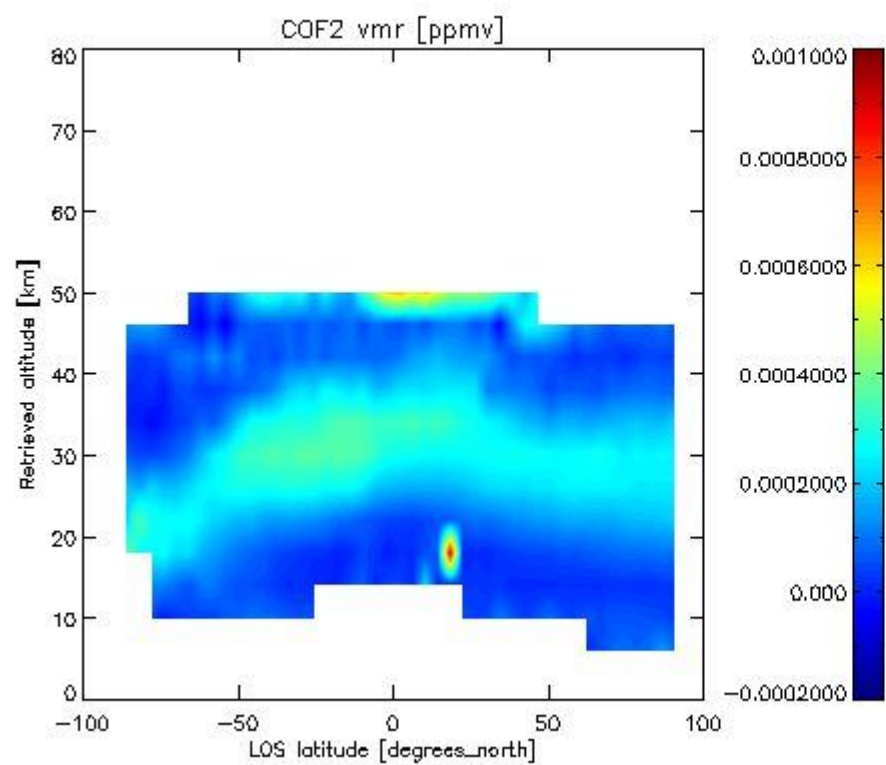
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

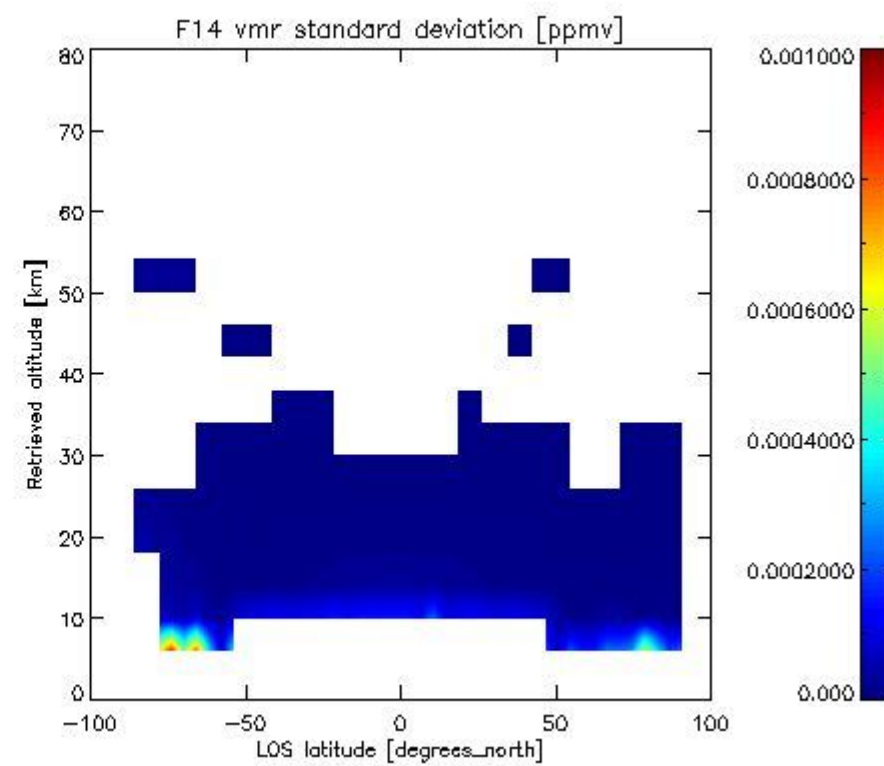
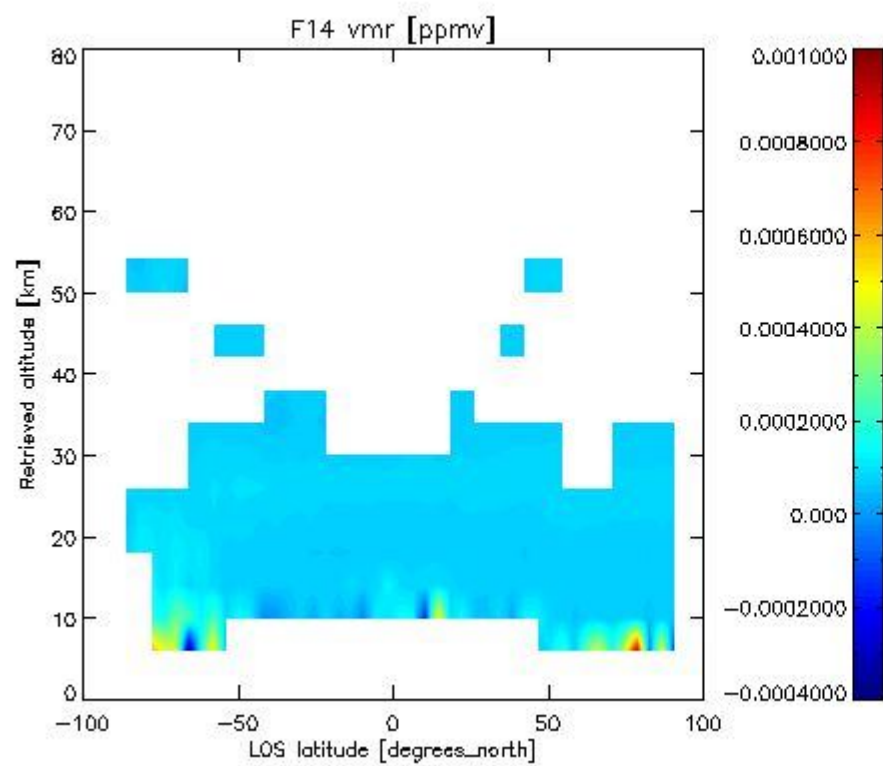
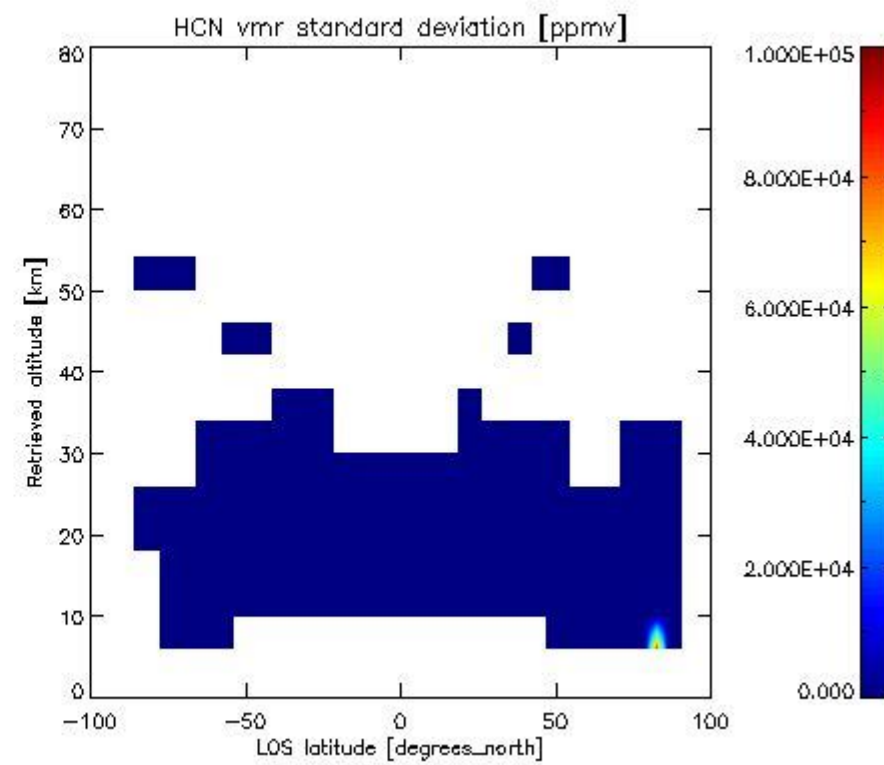
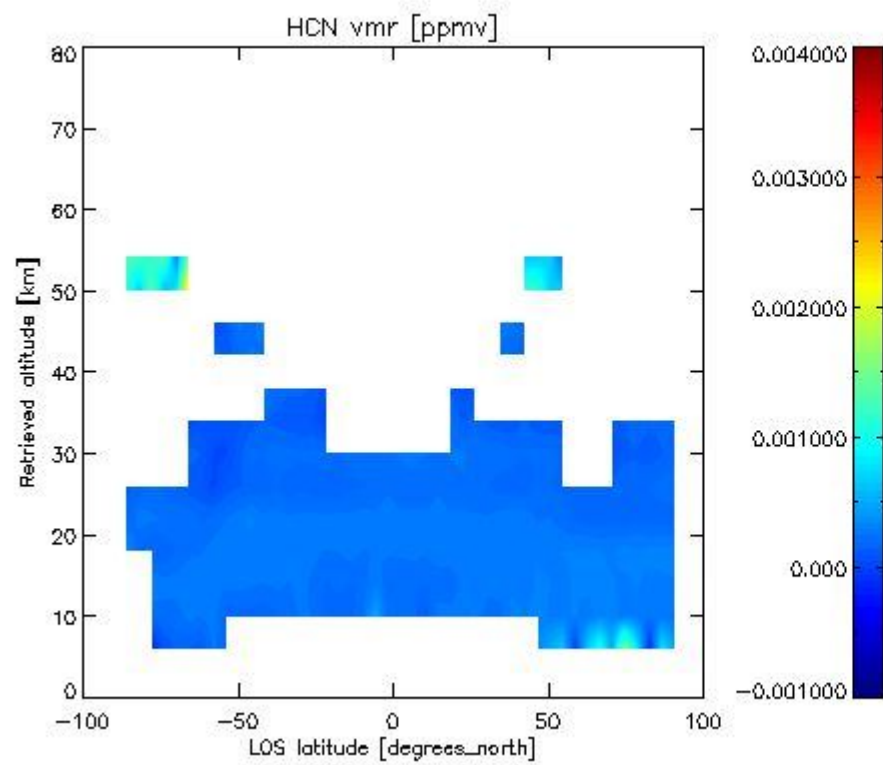


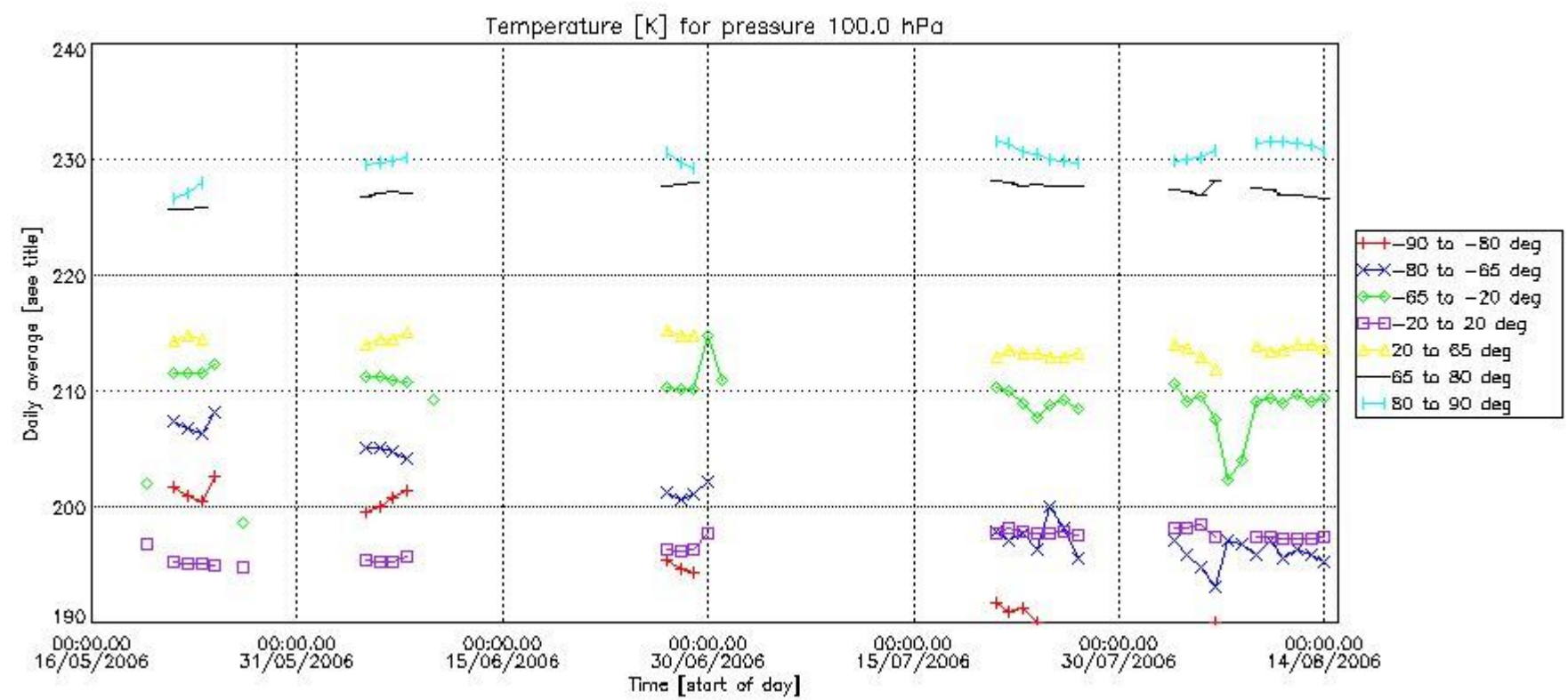
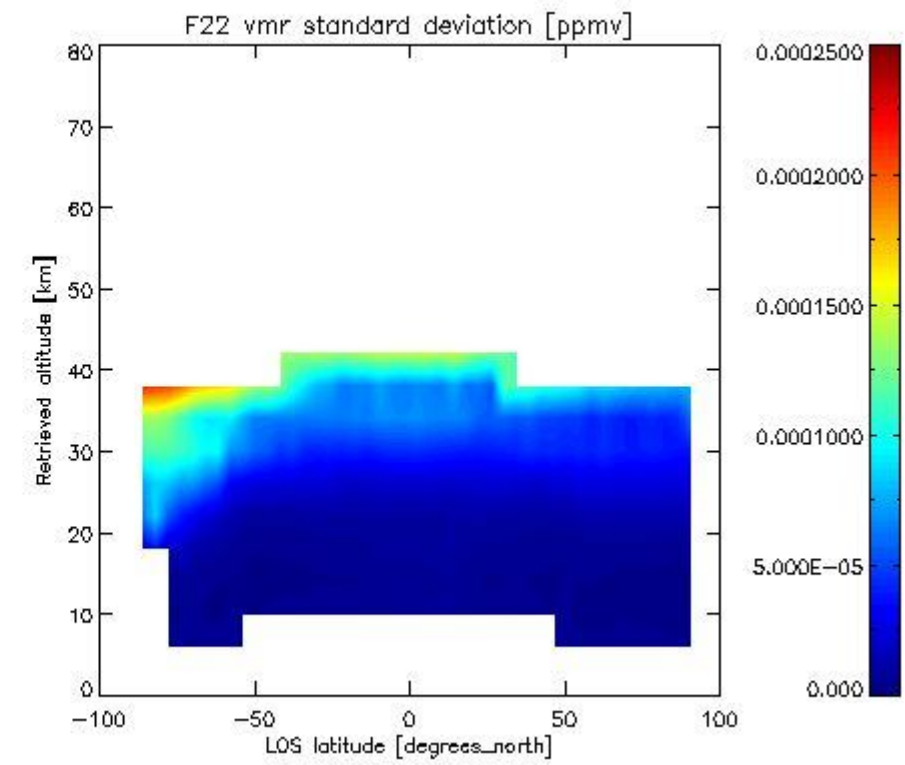
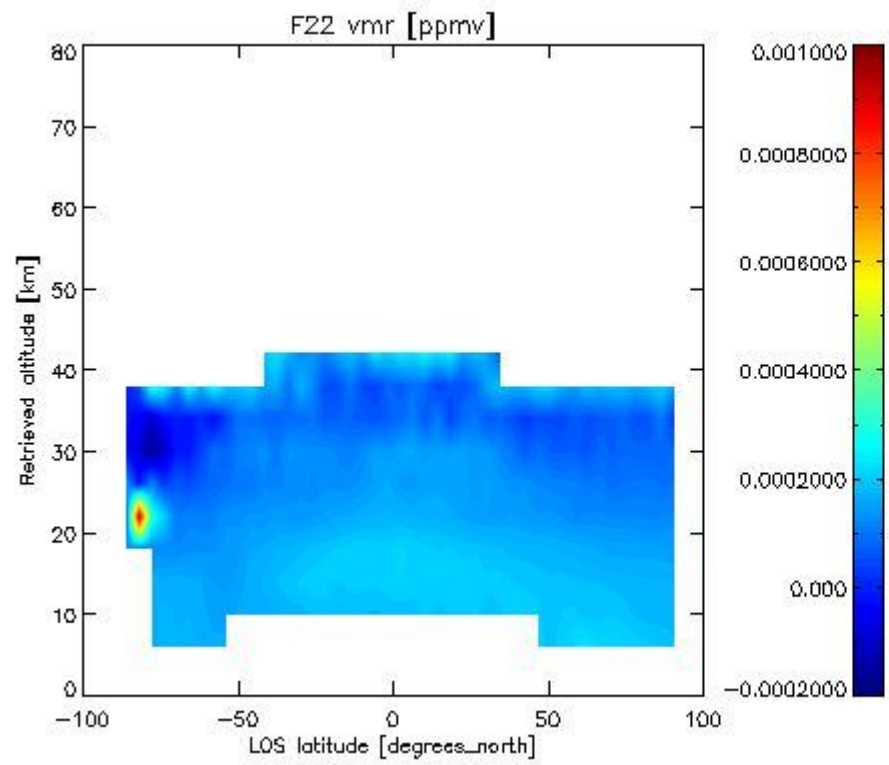
2.3.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

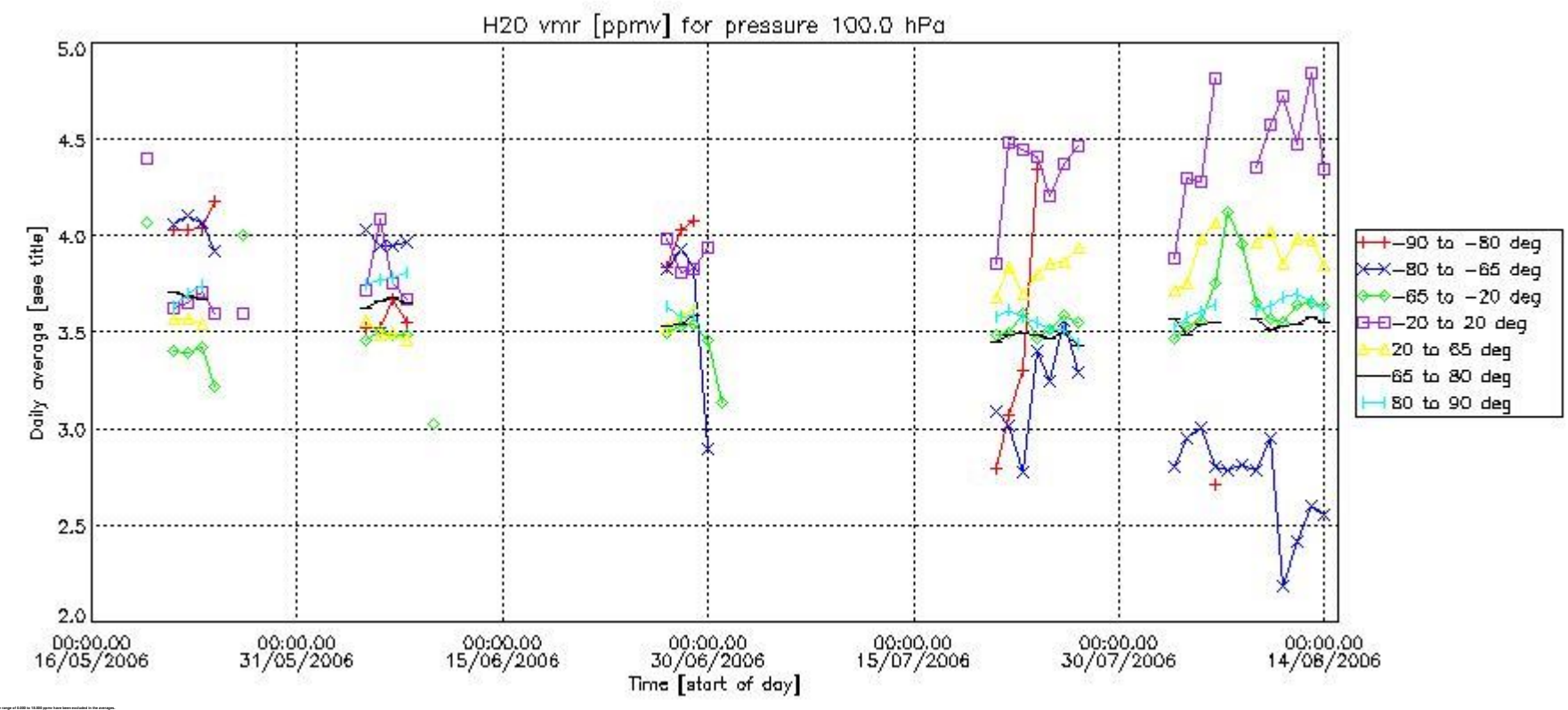
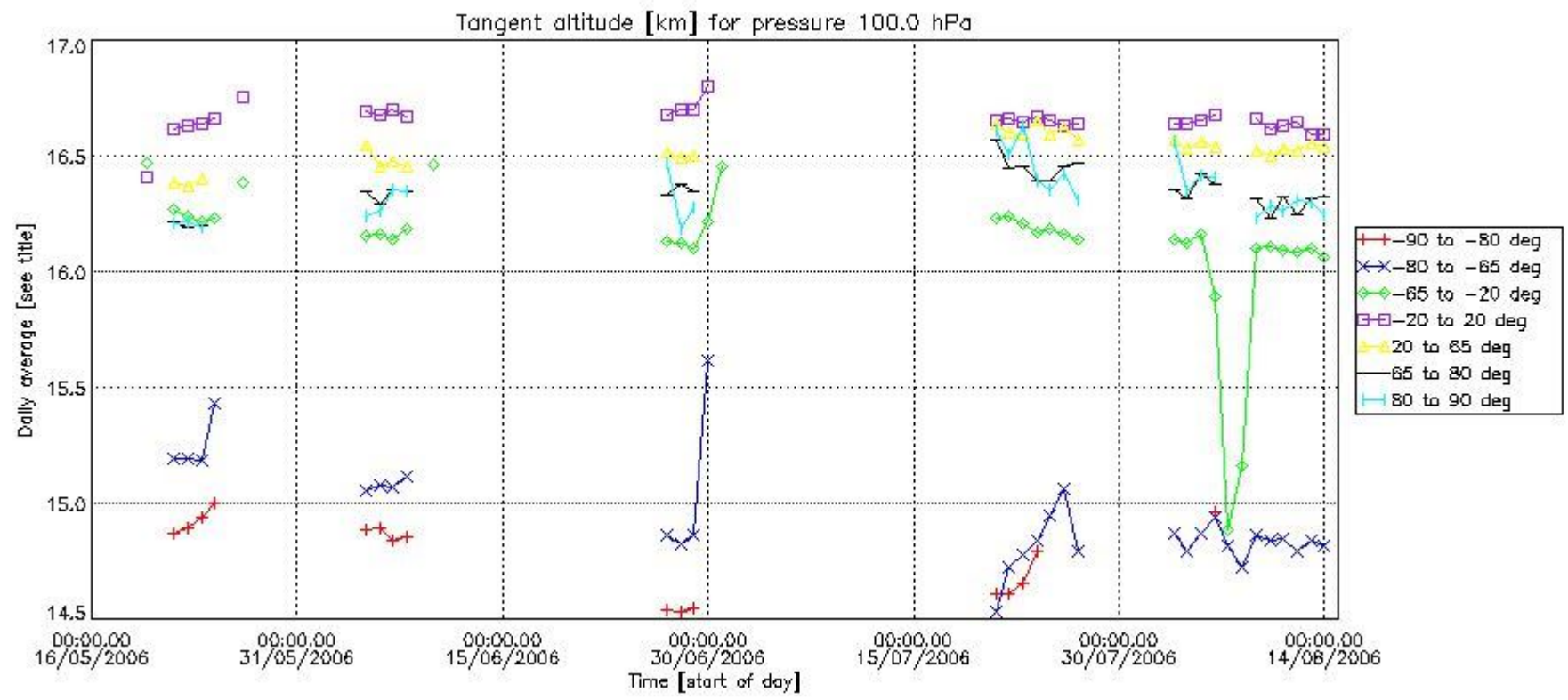


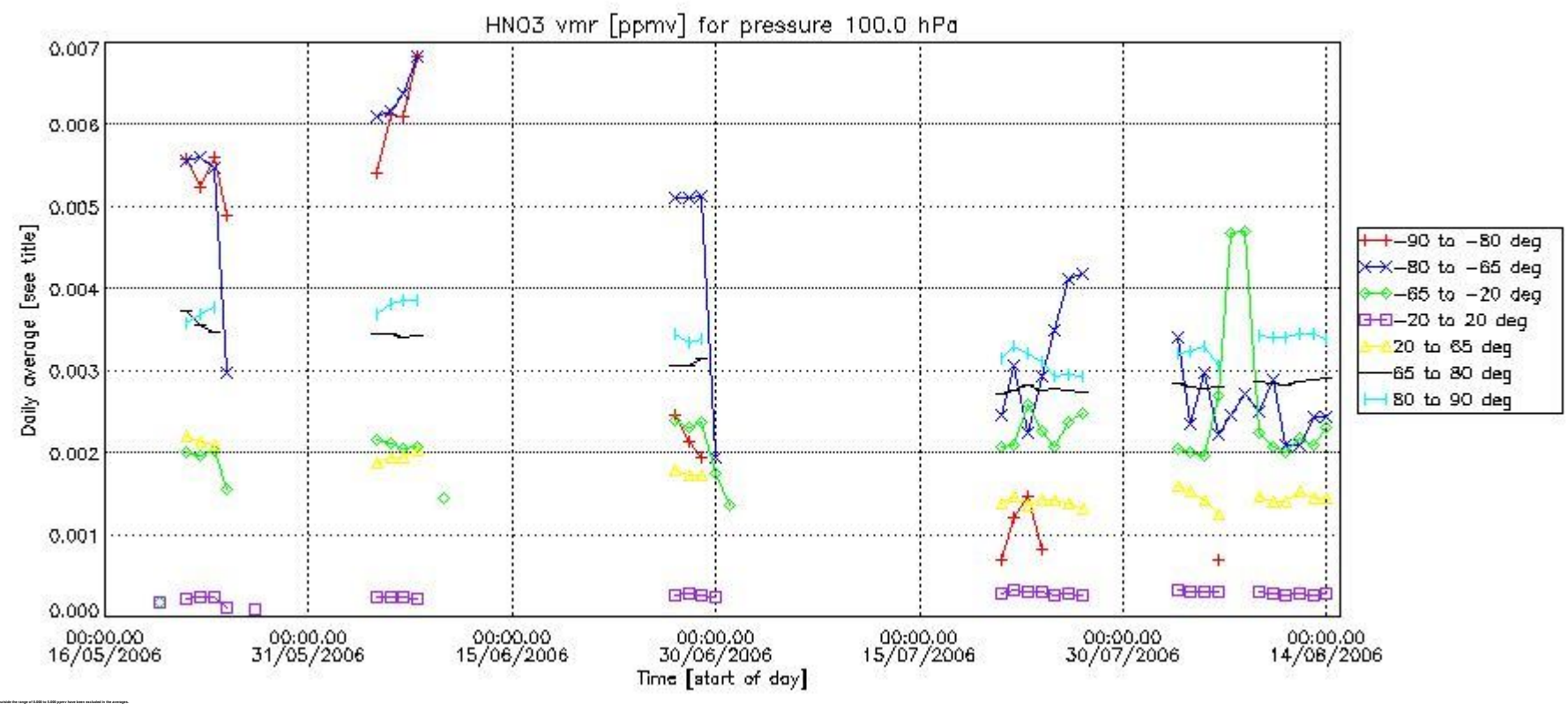
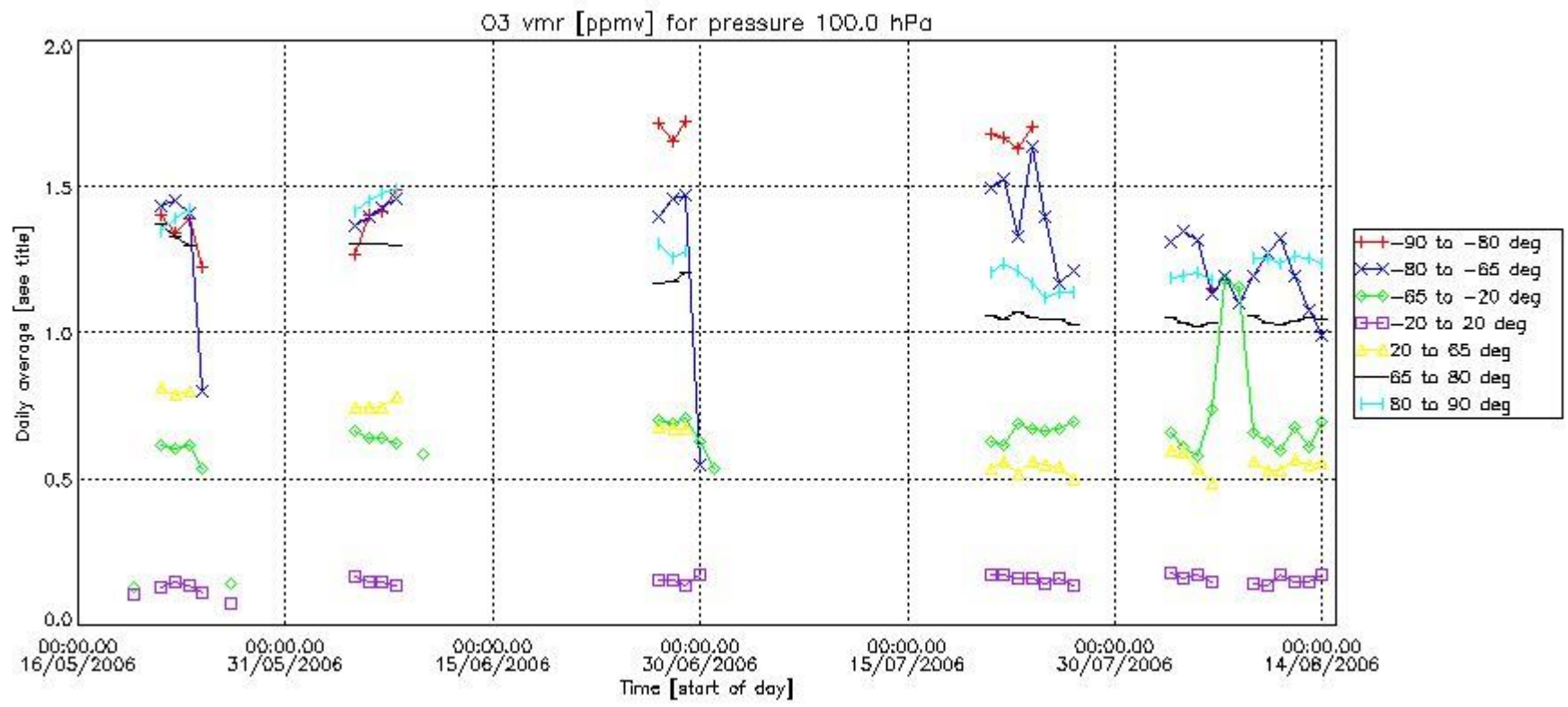


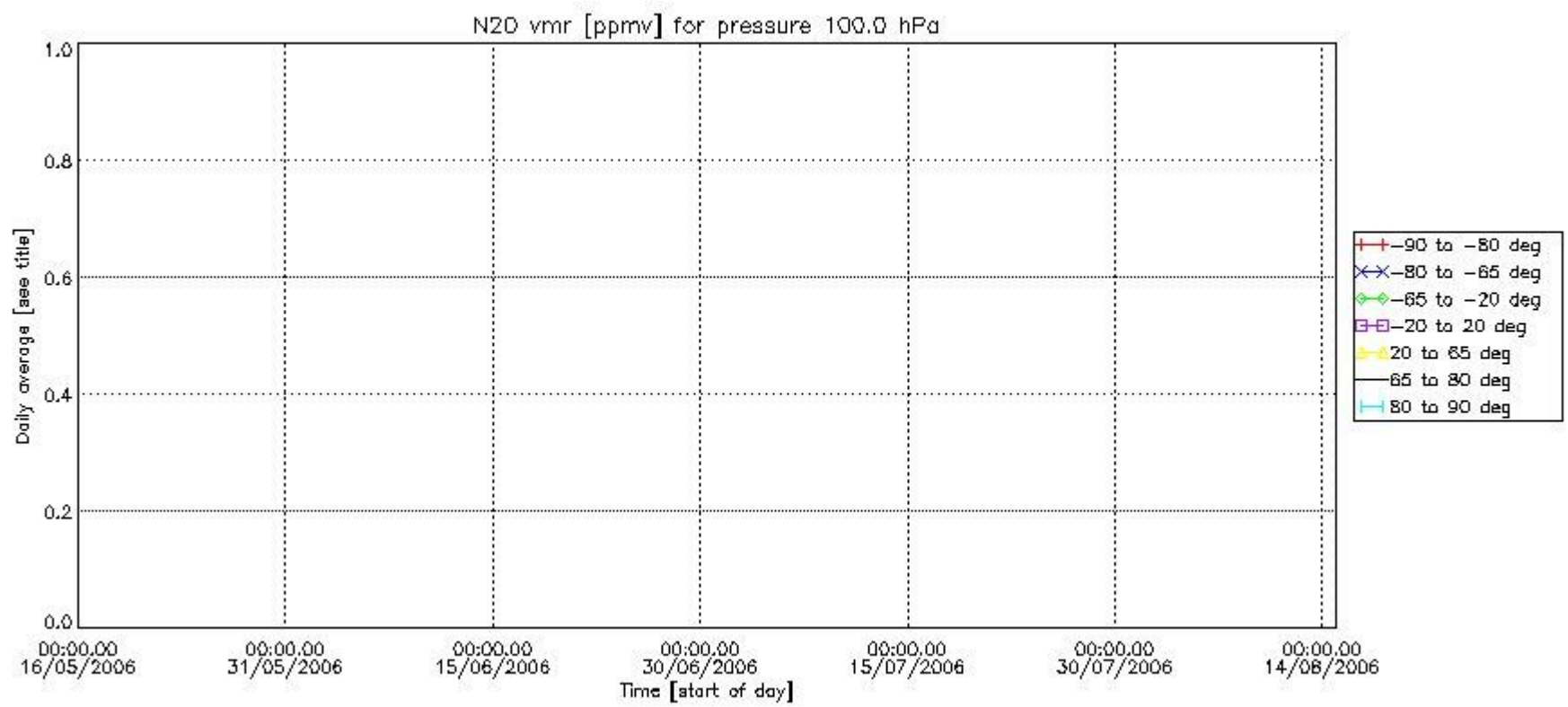
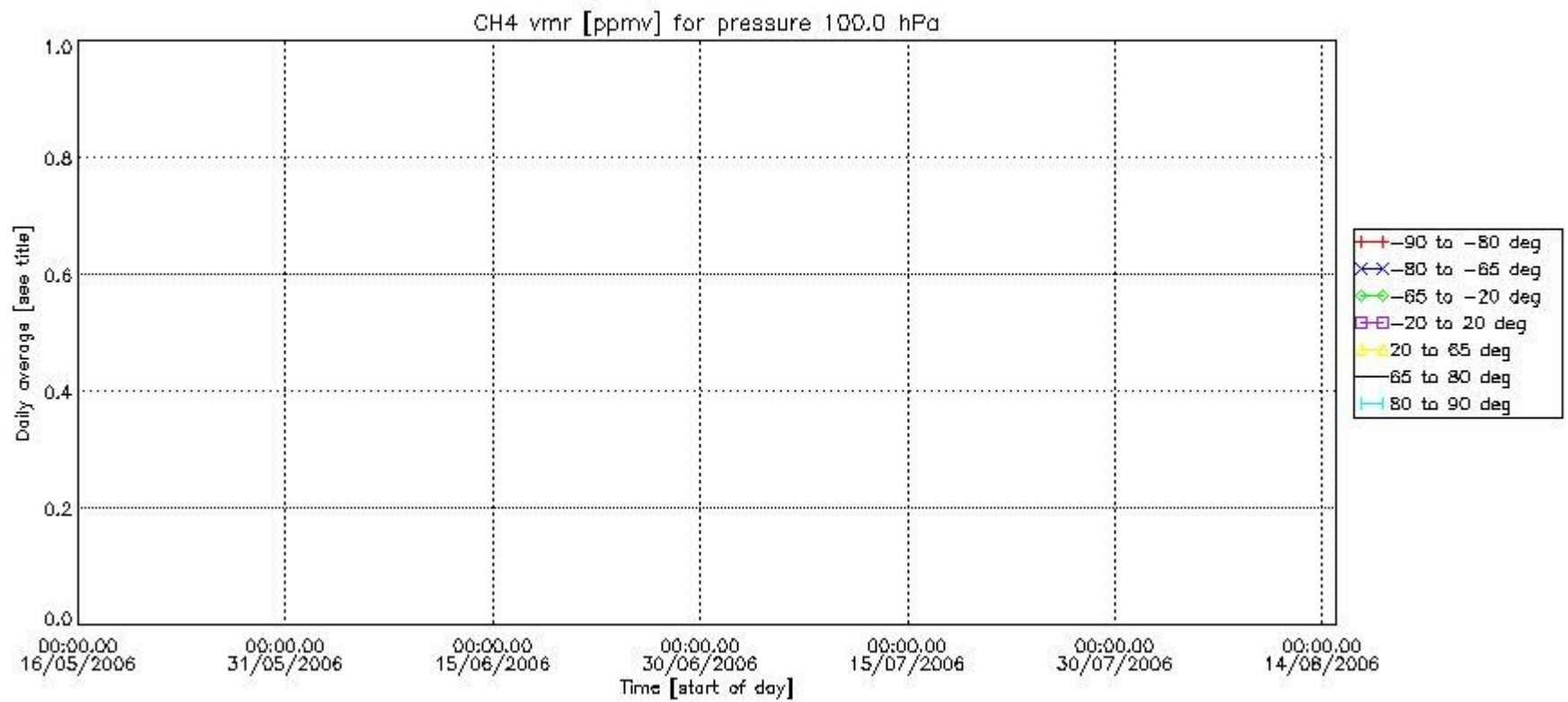


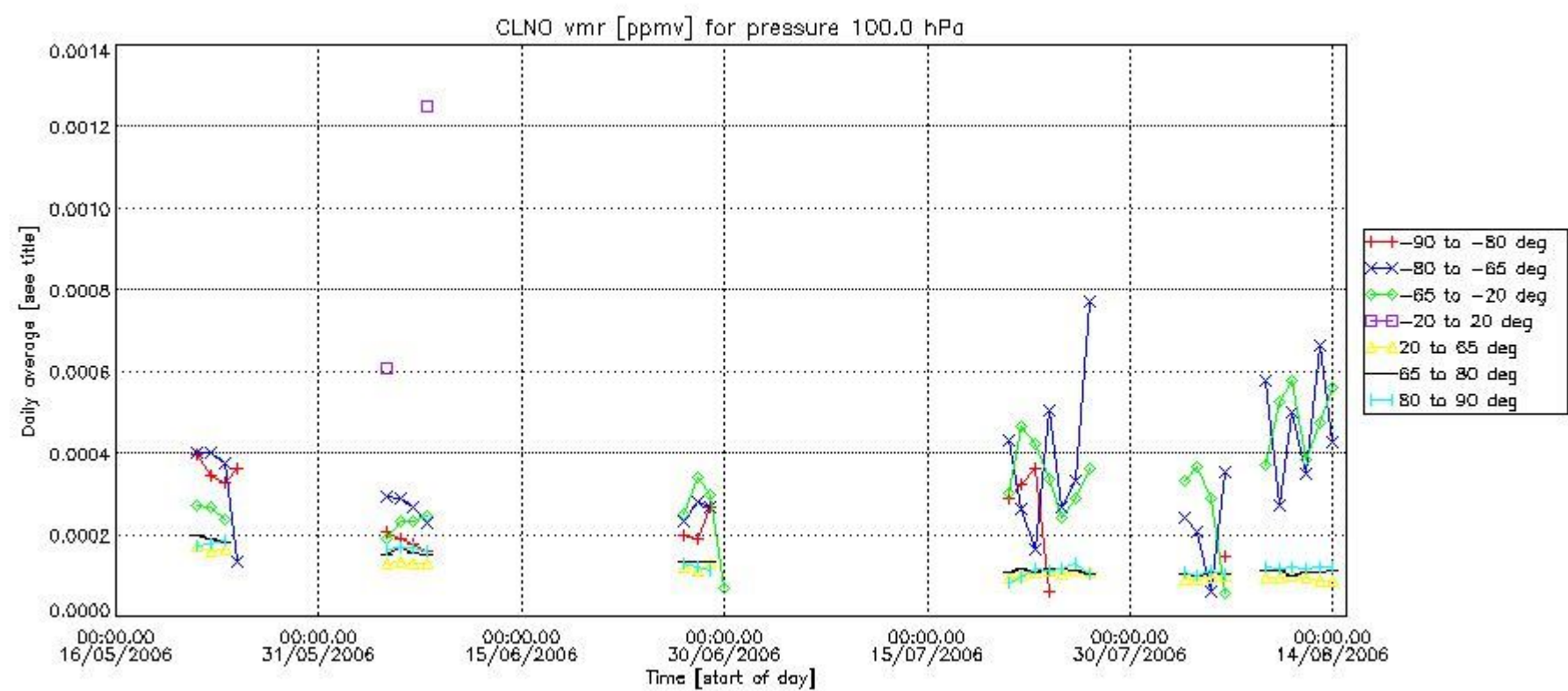
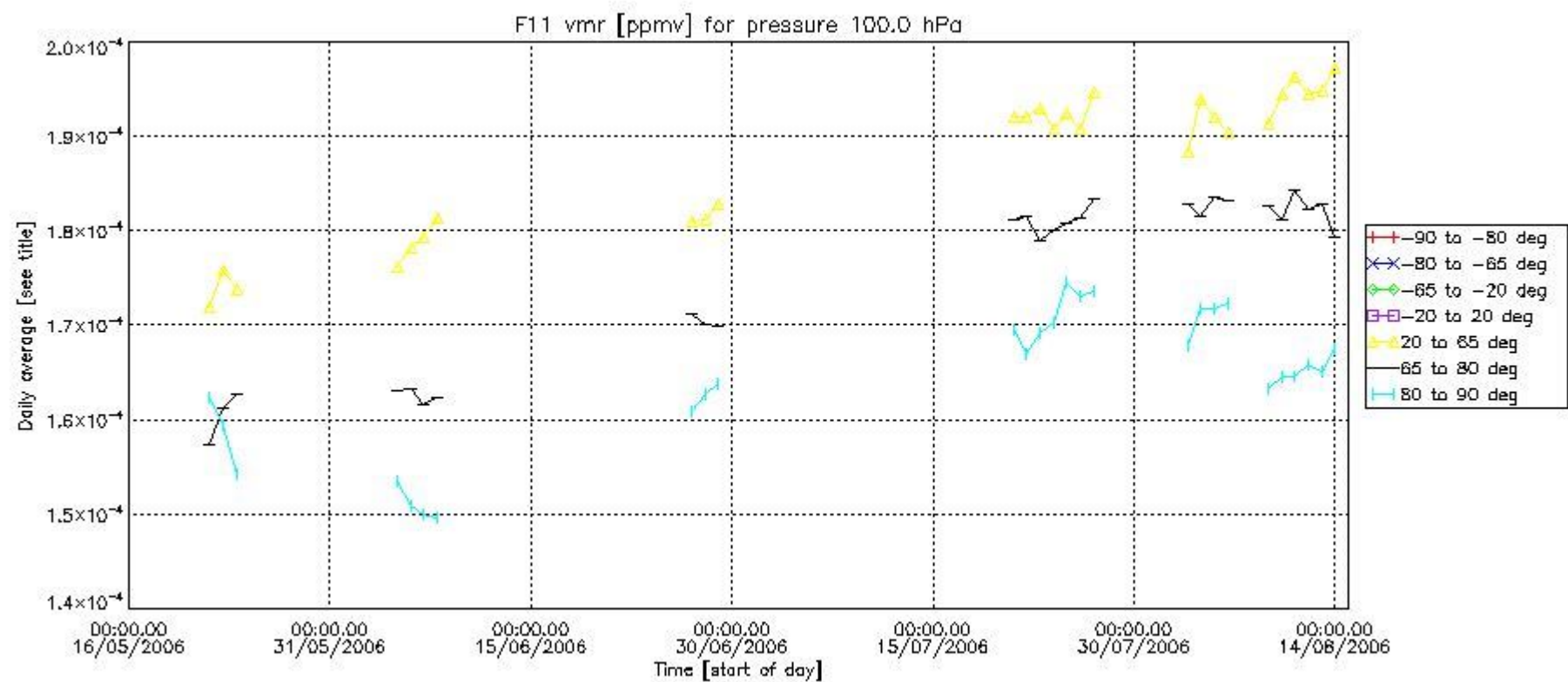


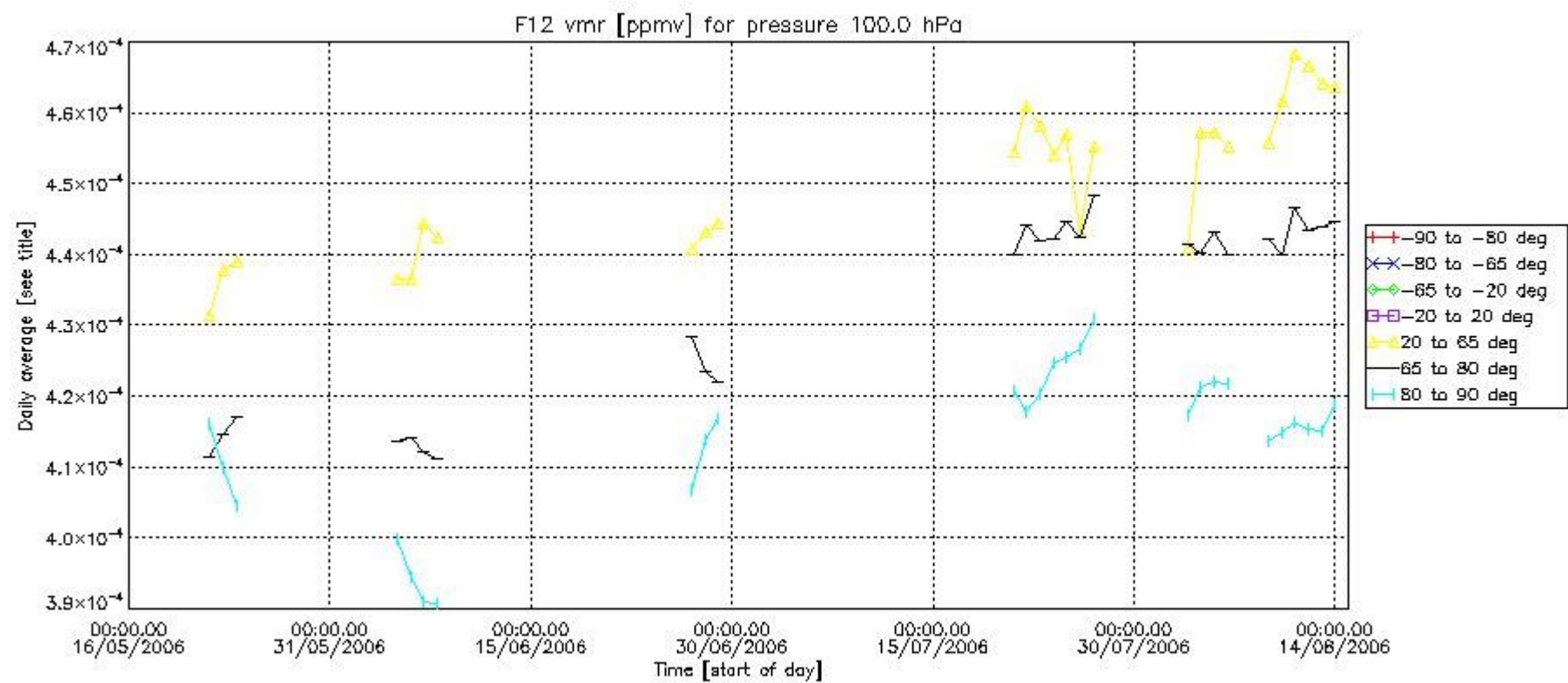
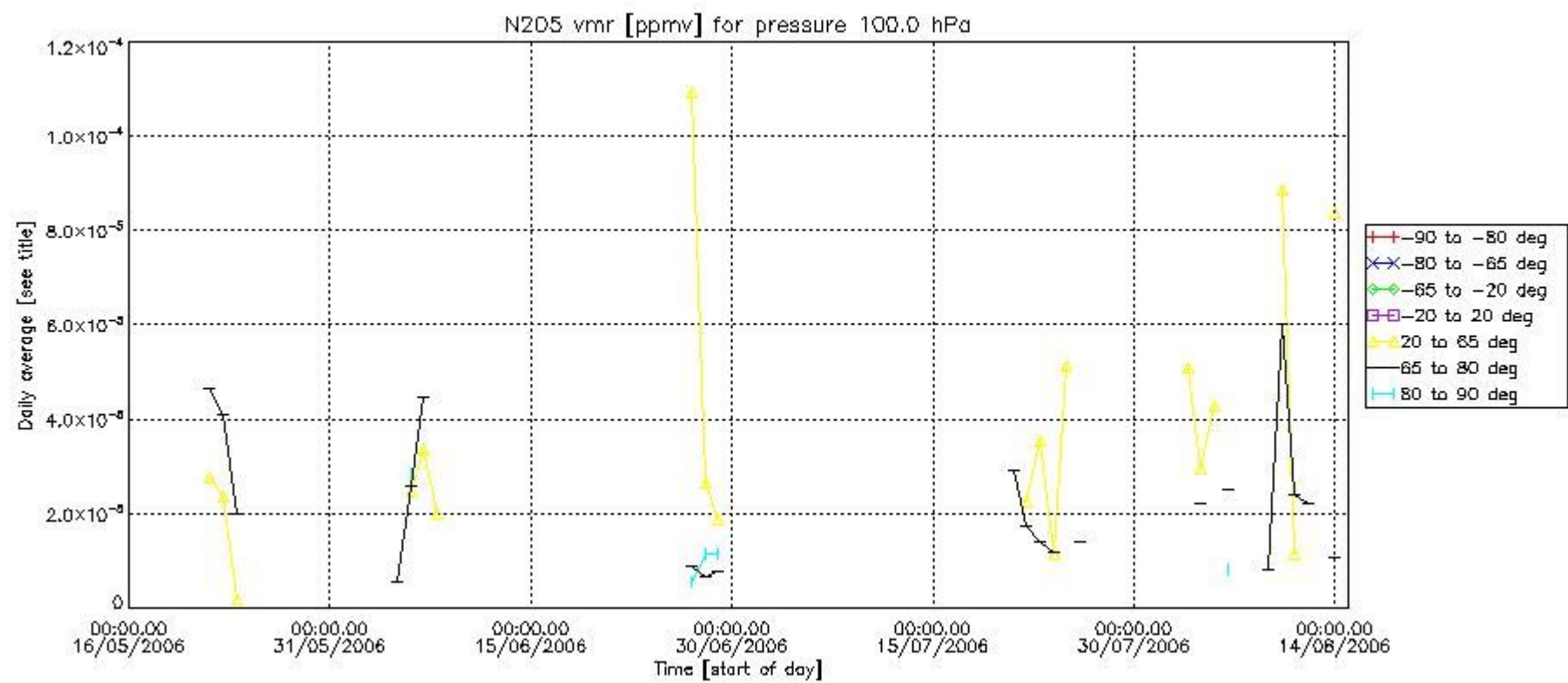


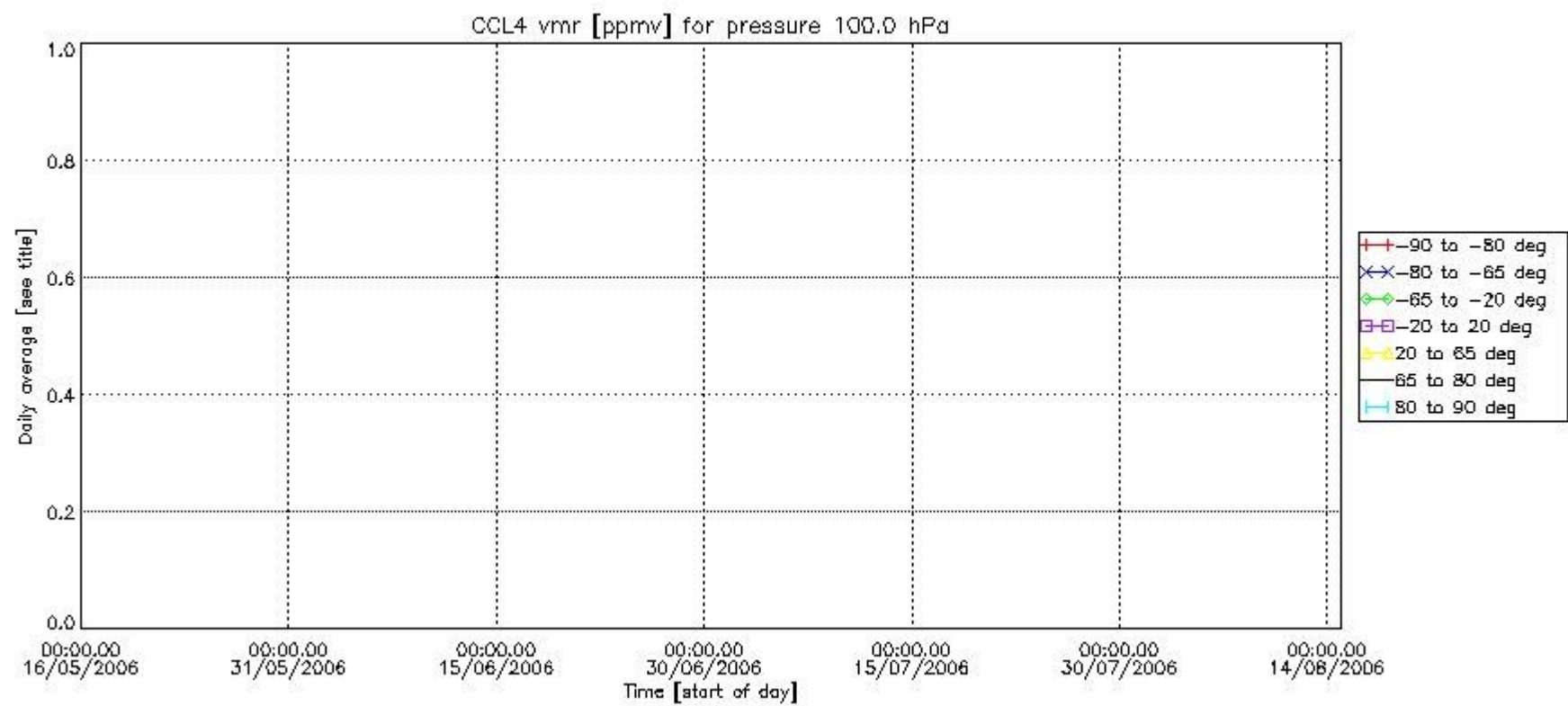
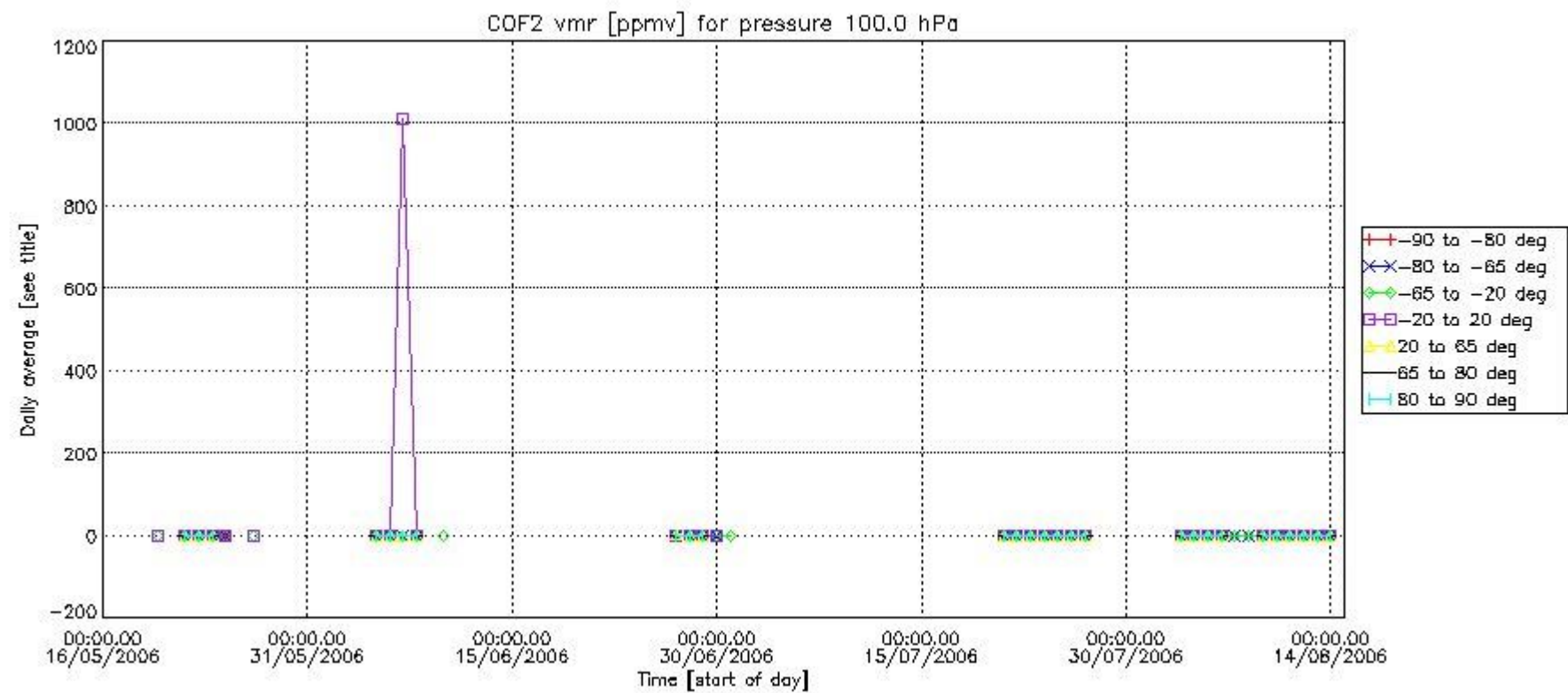


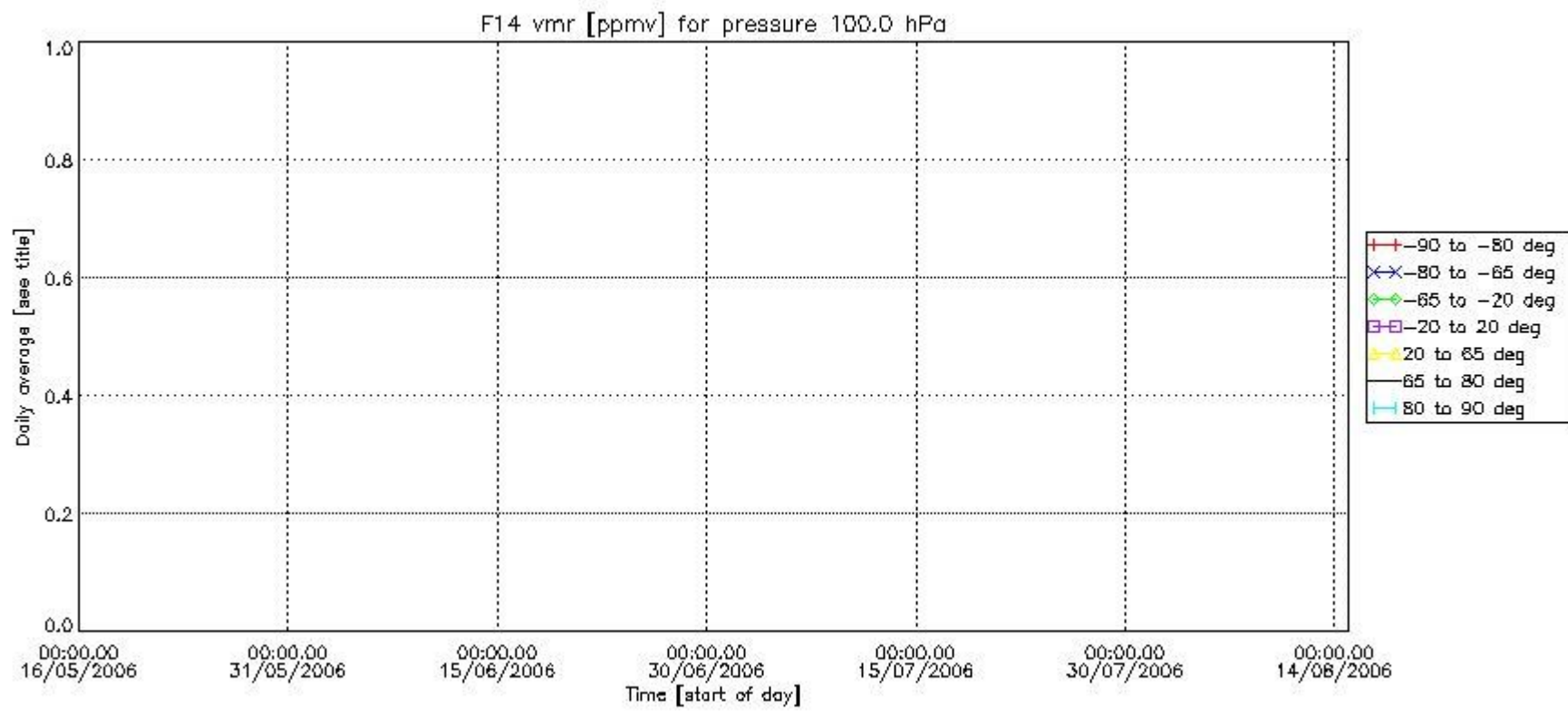
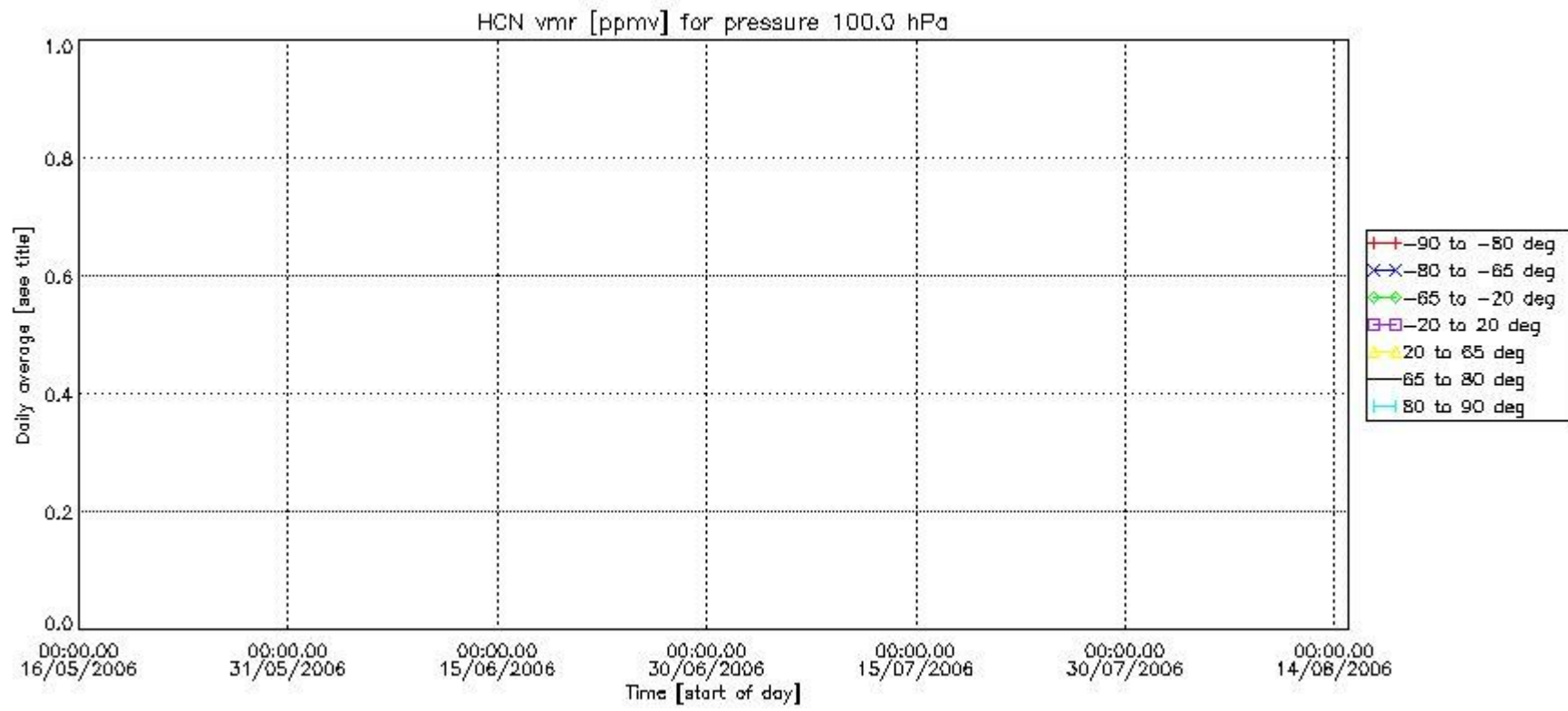


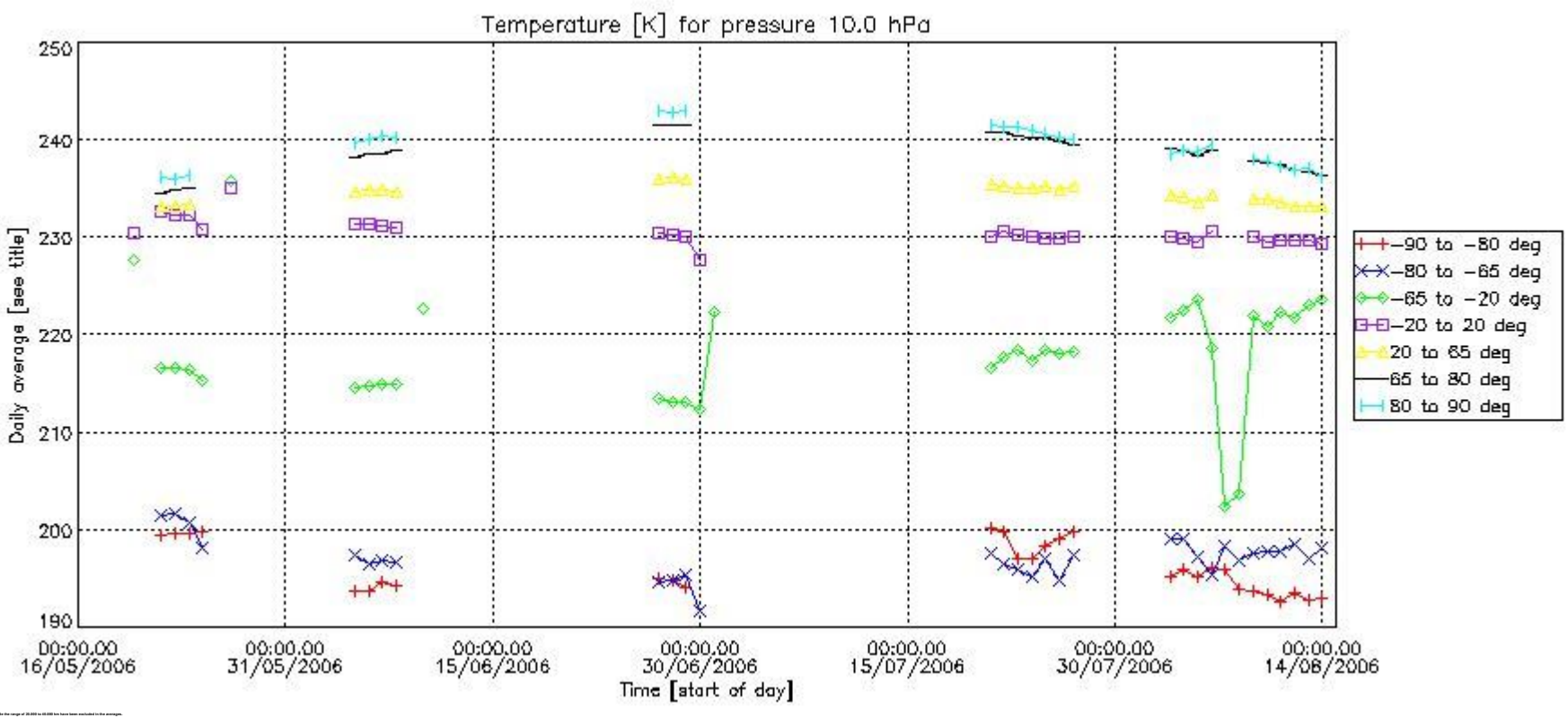
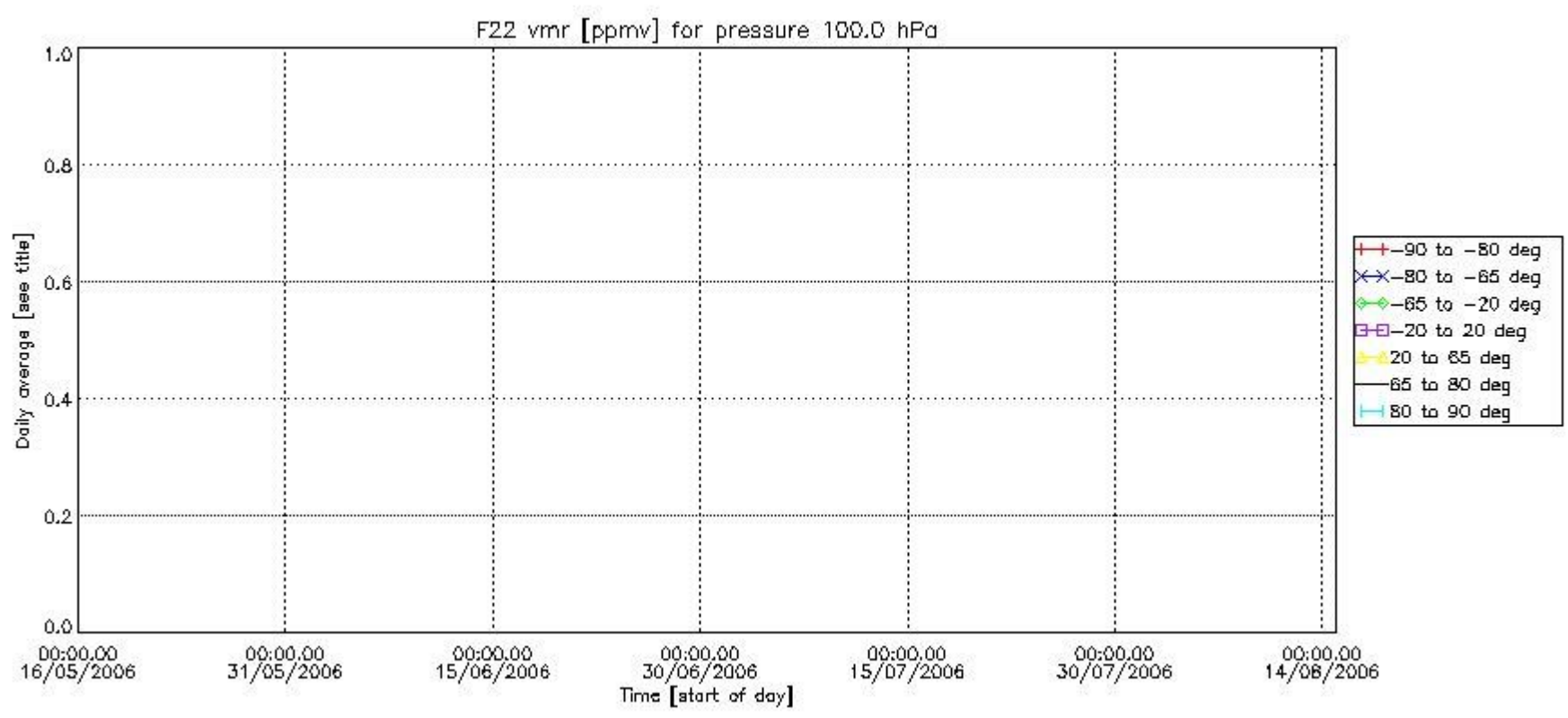


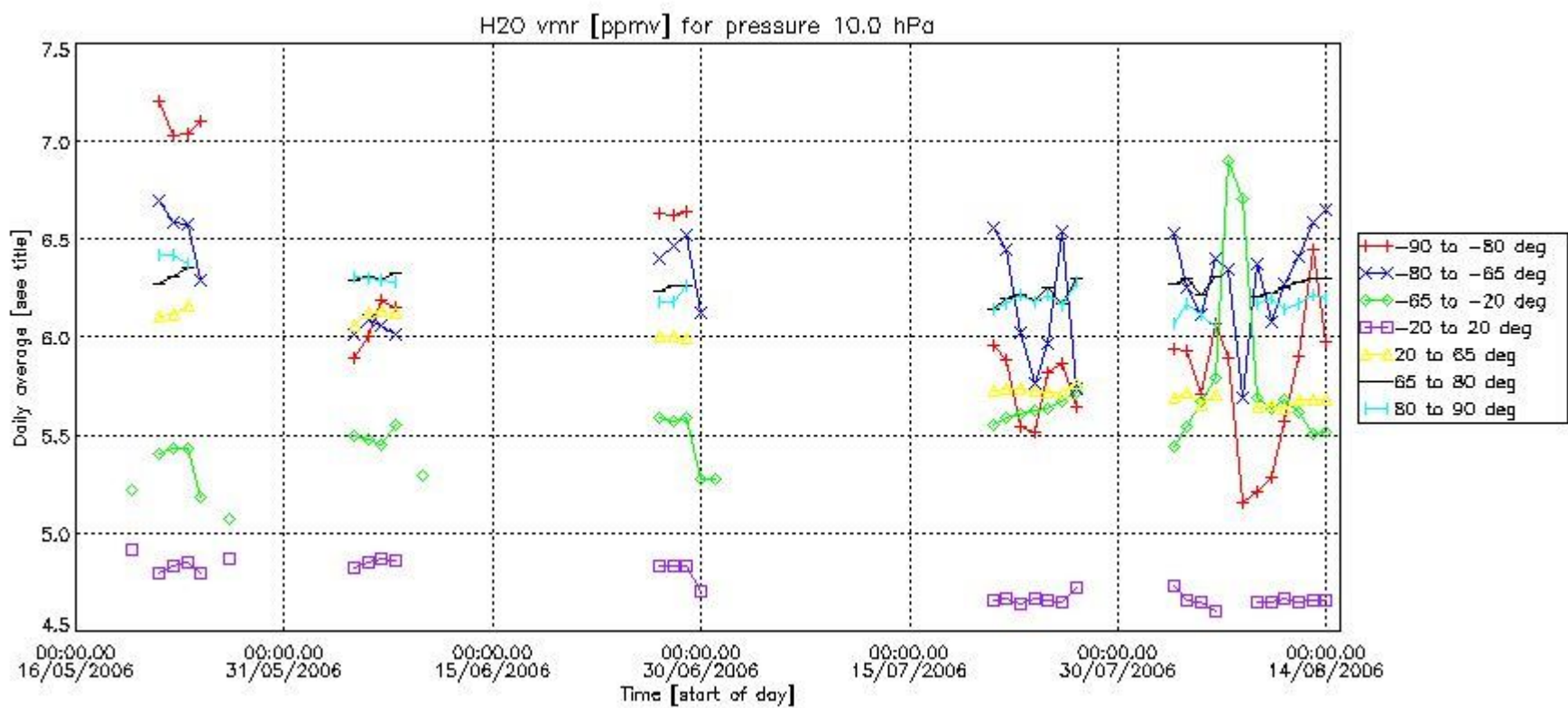
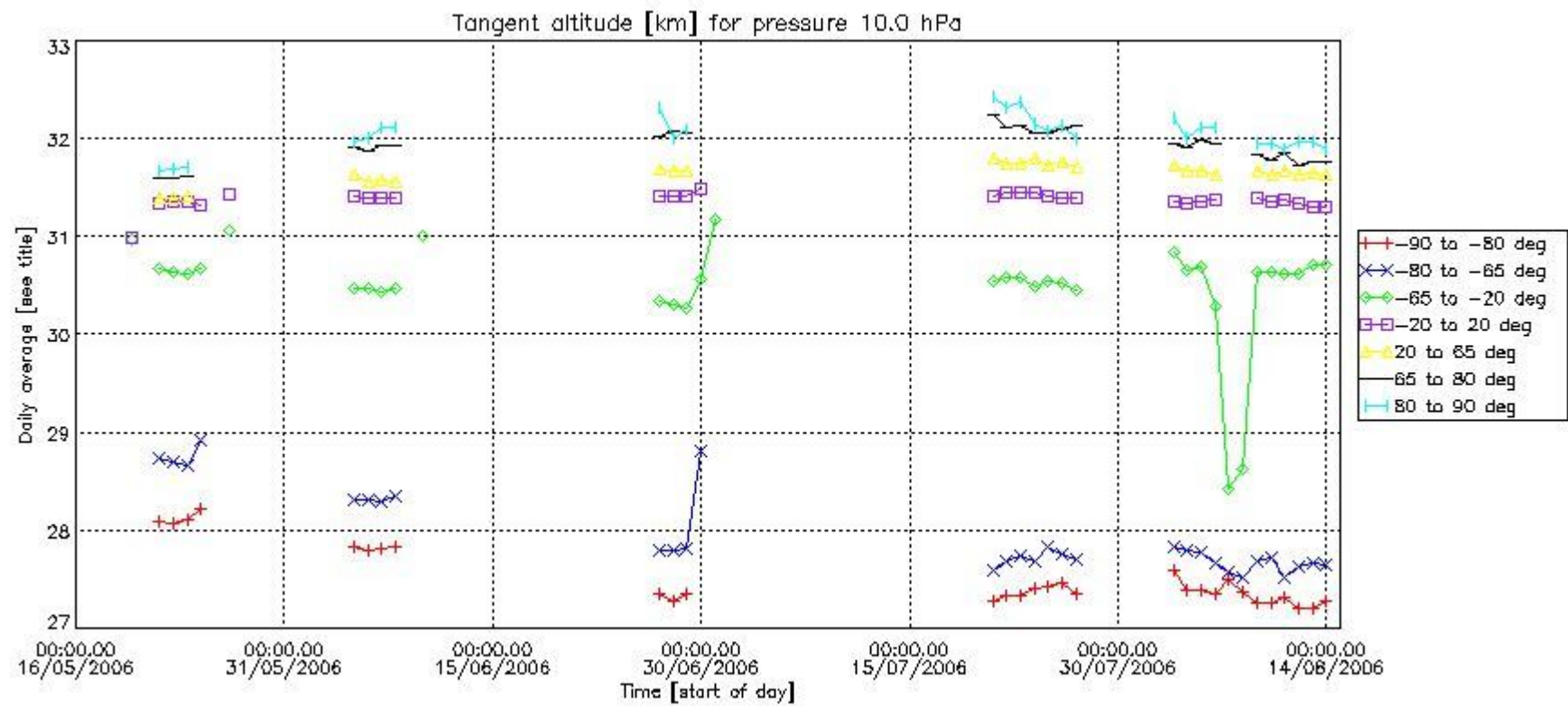


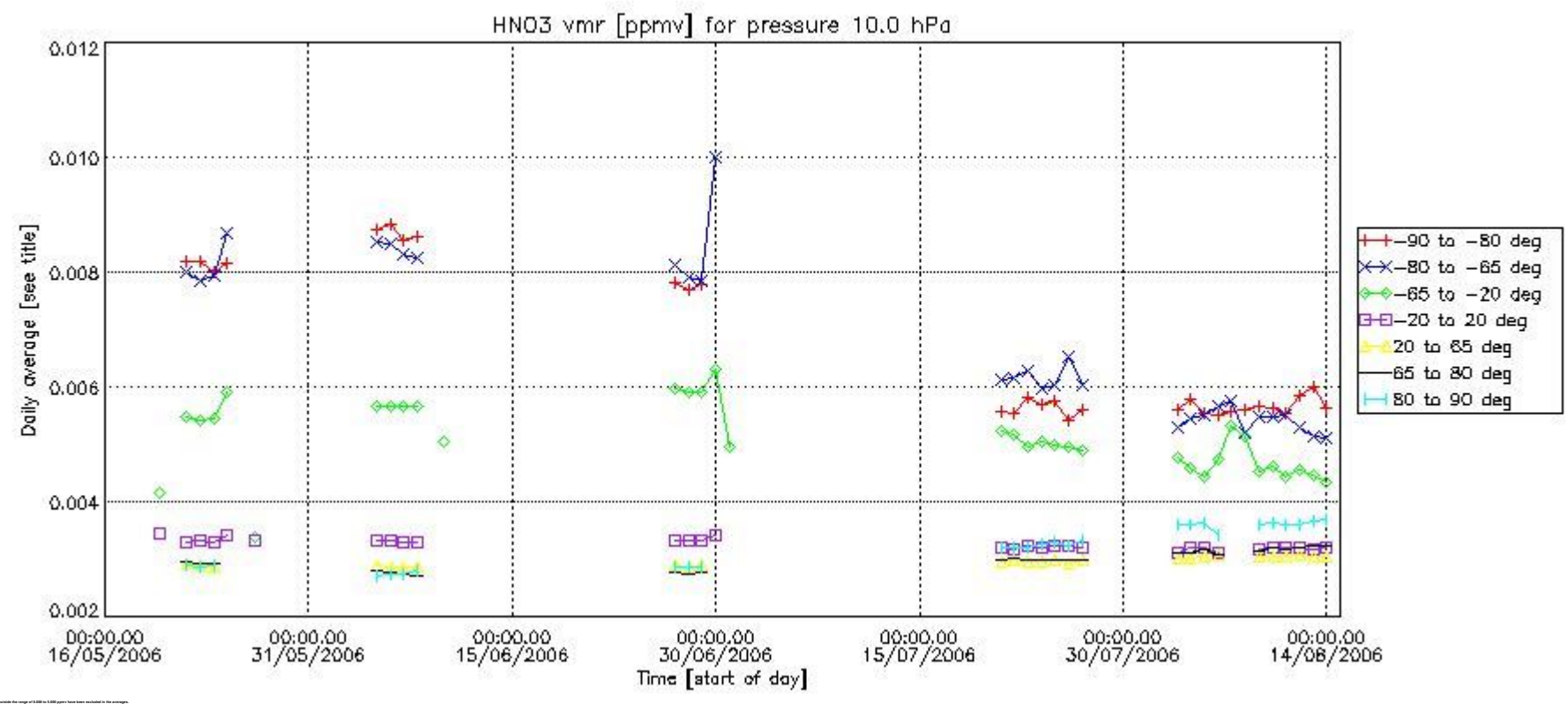
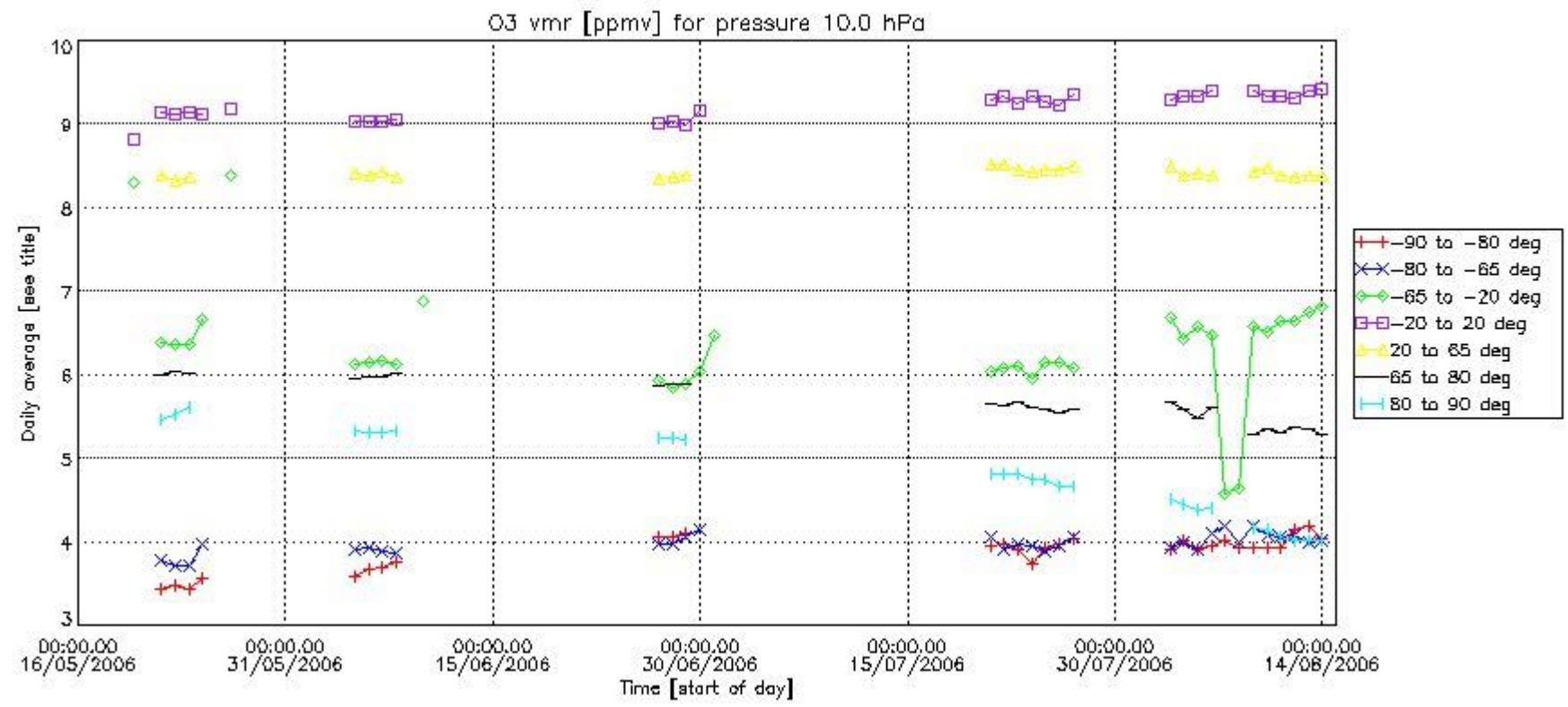


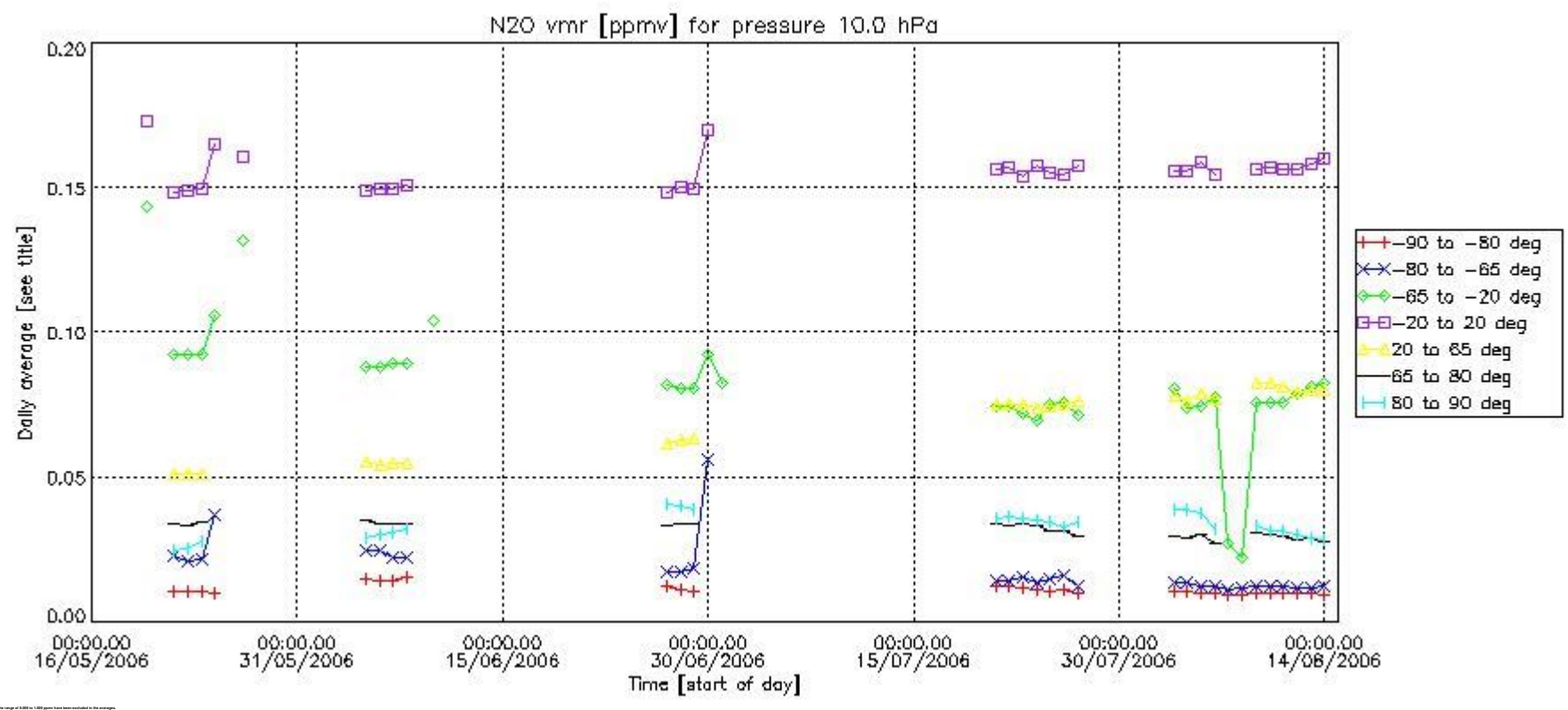
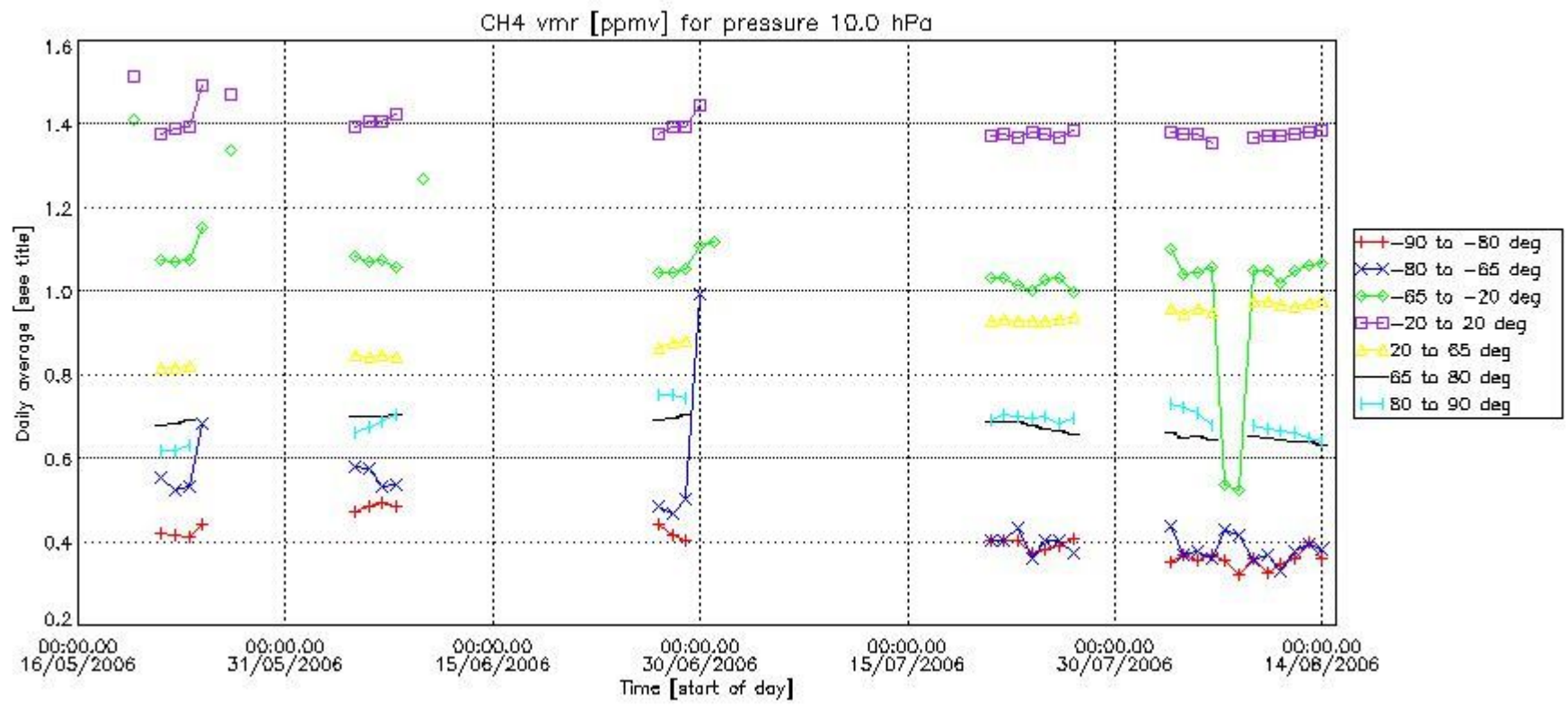


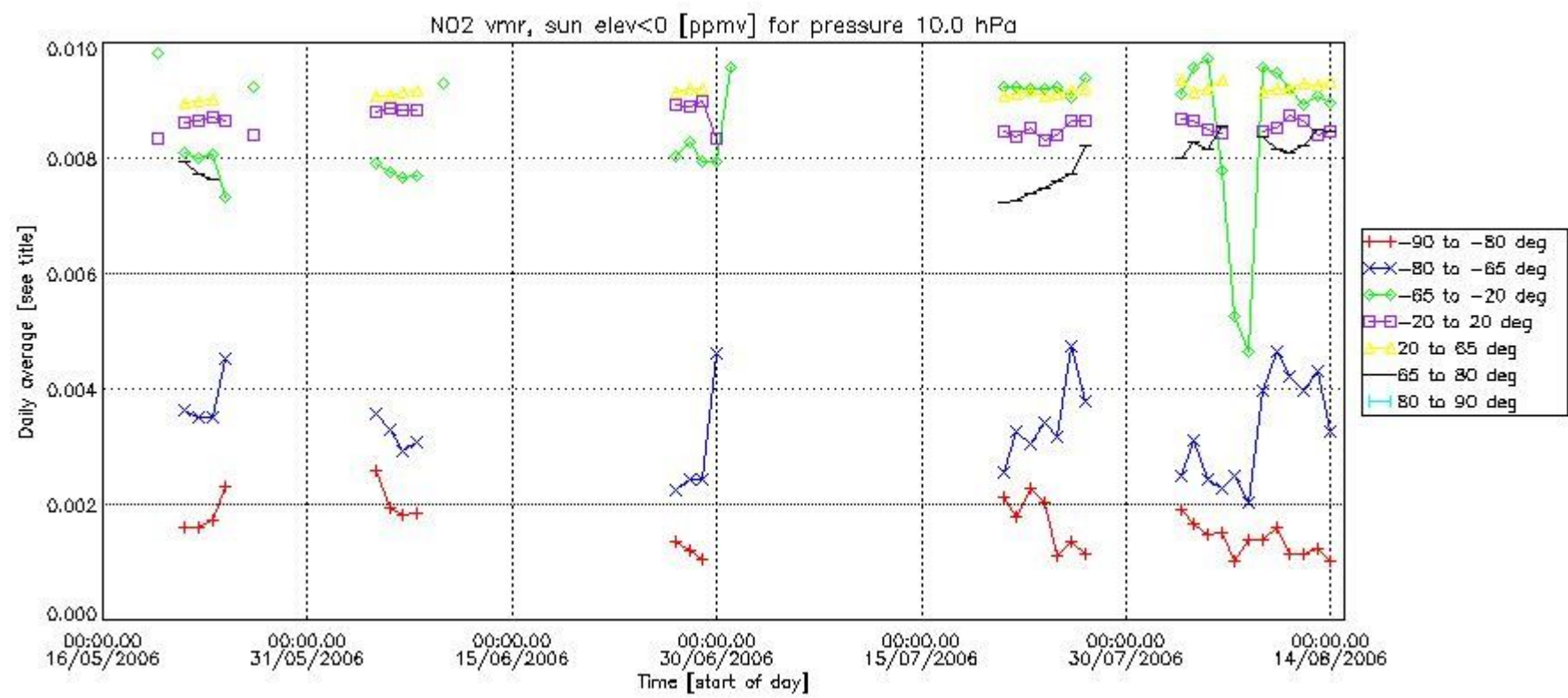
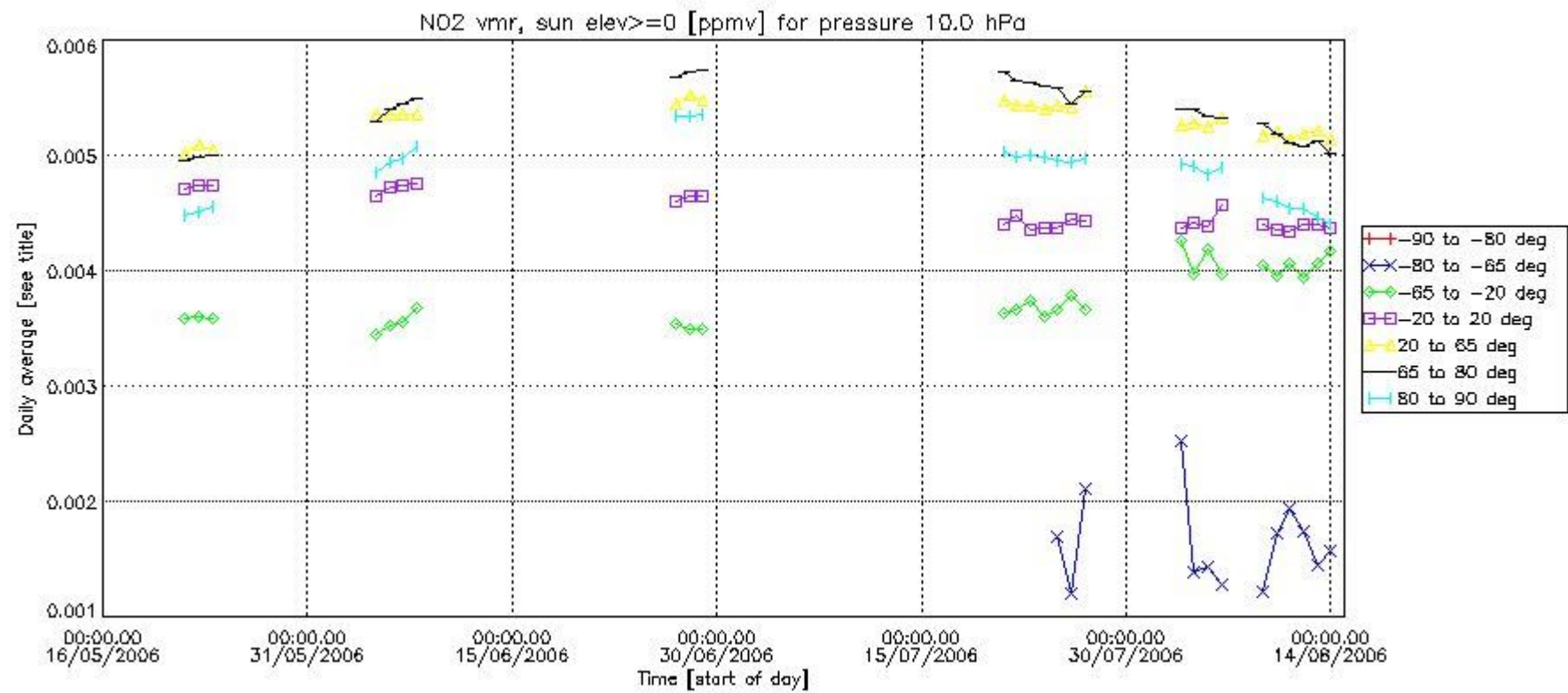


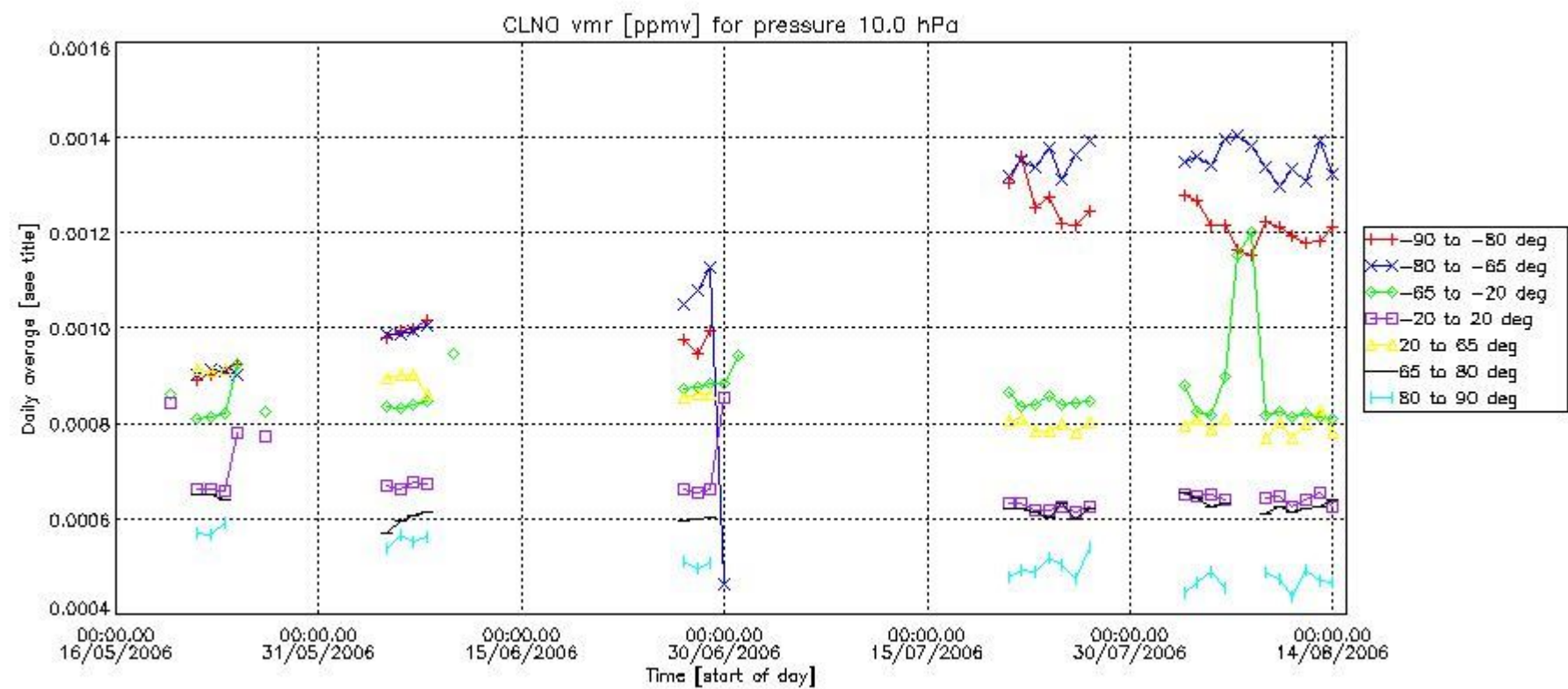
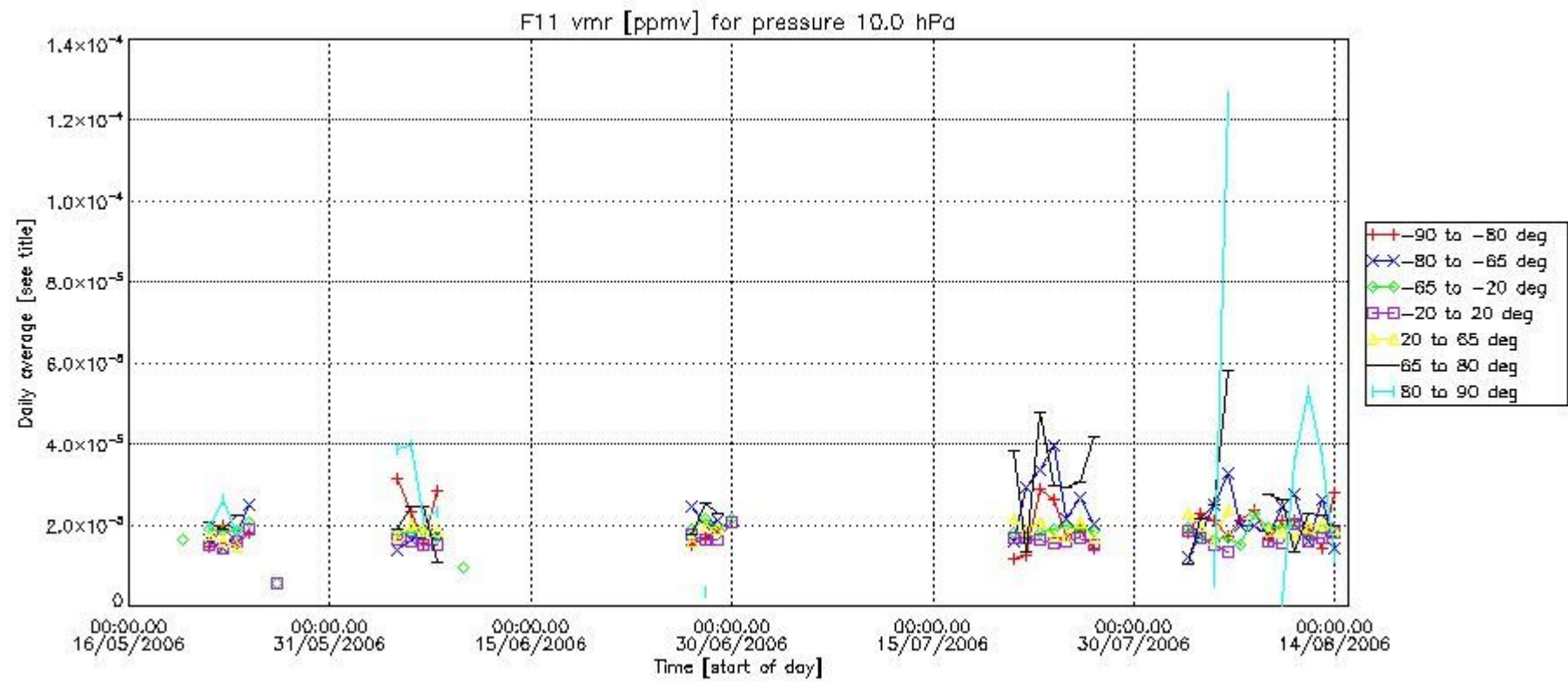


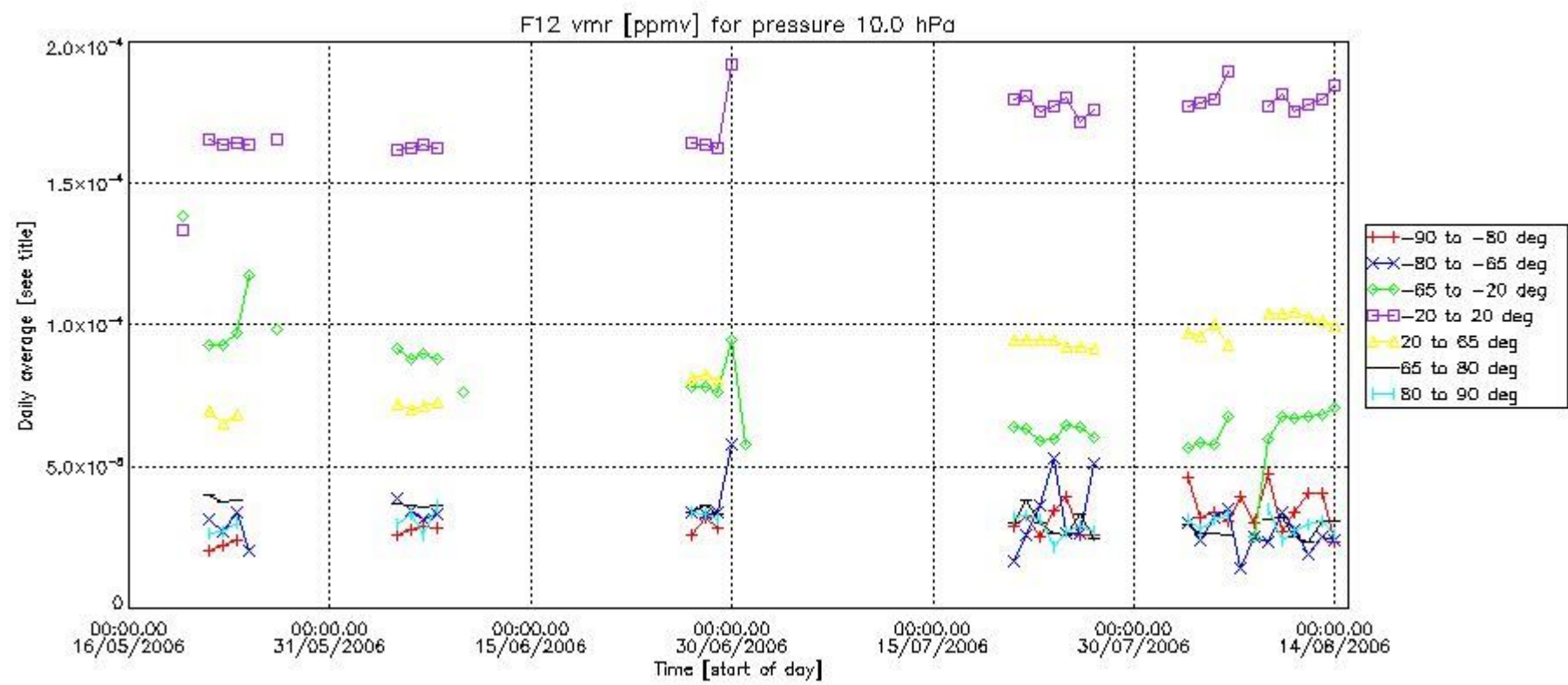
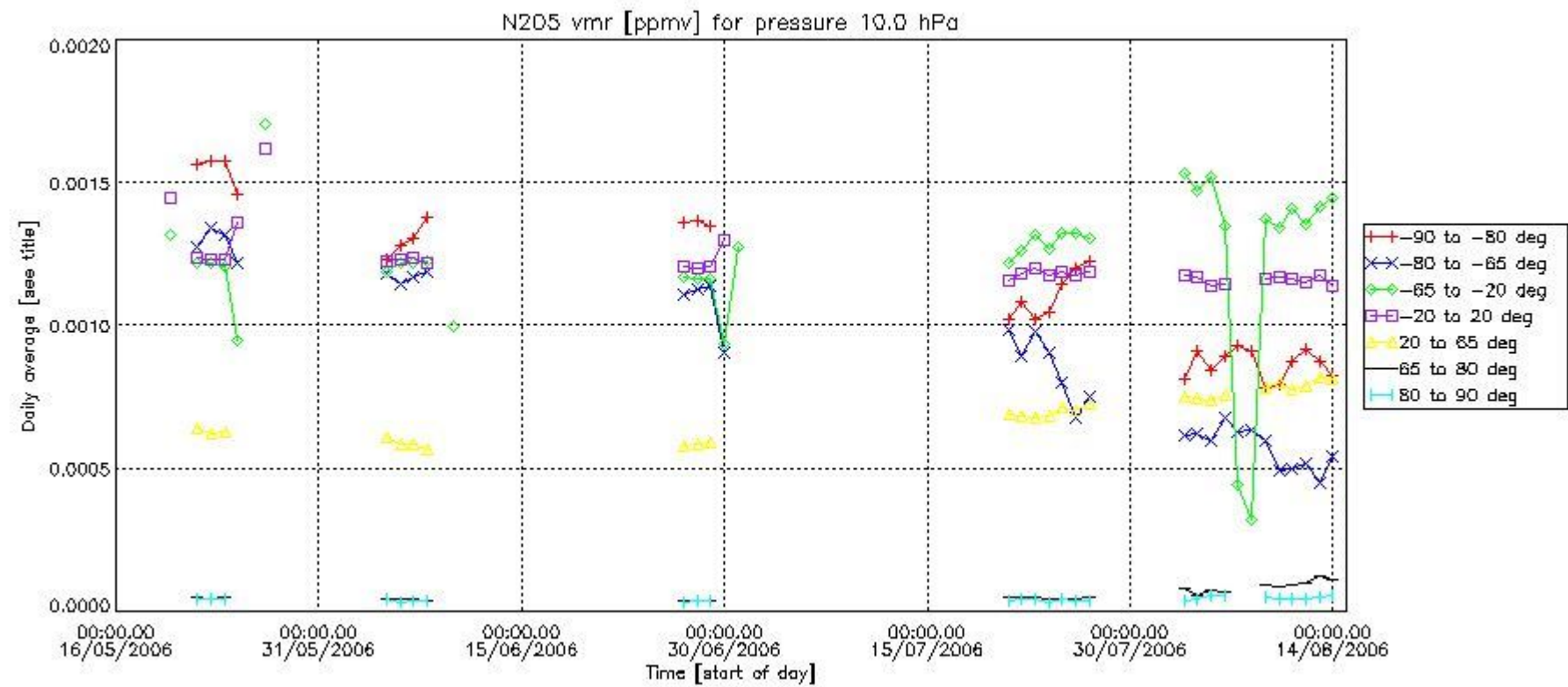


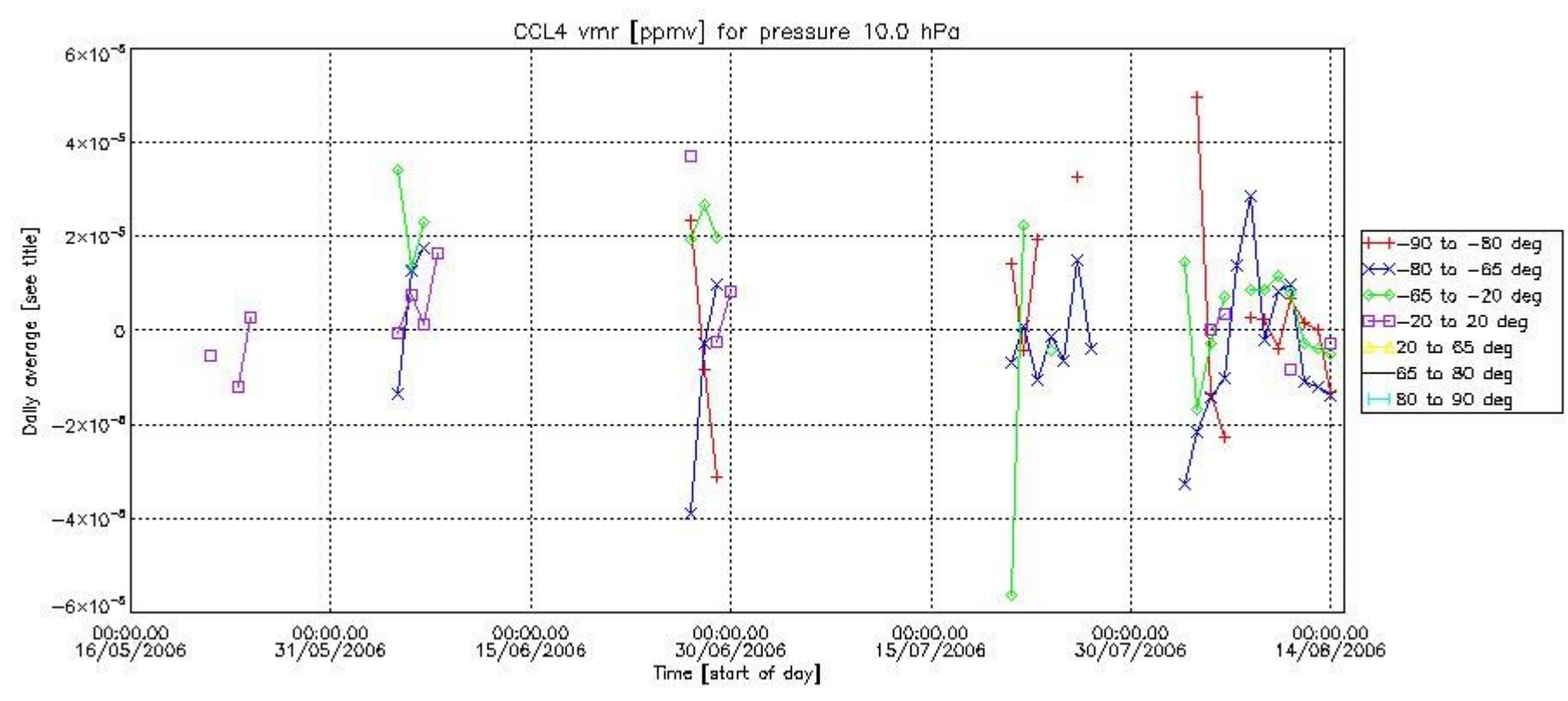
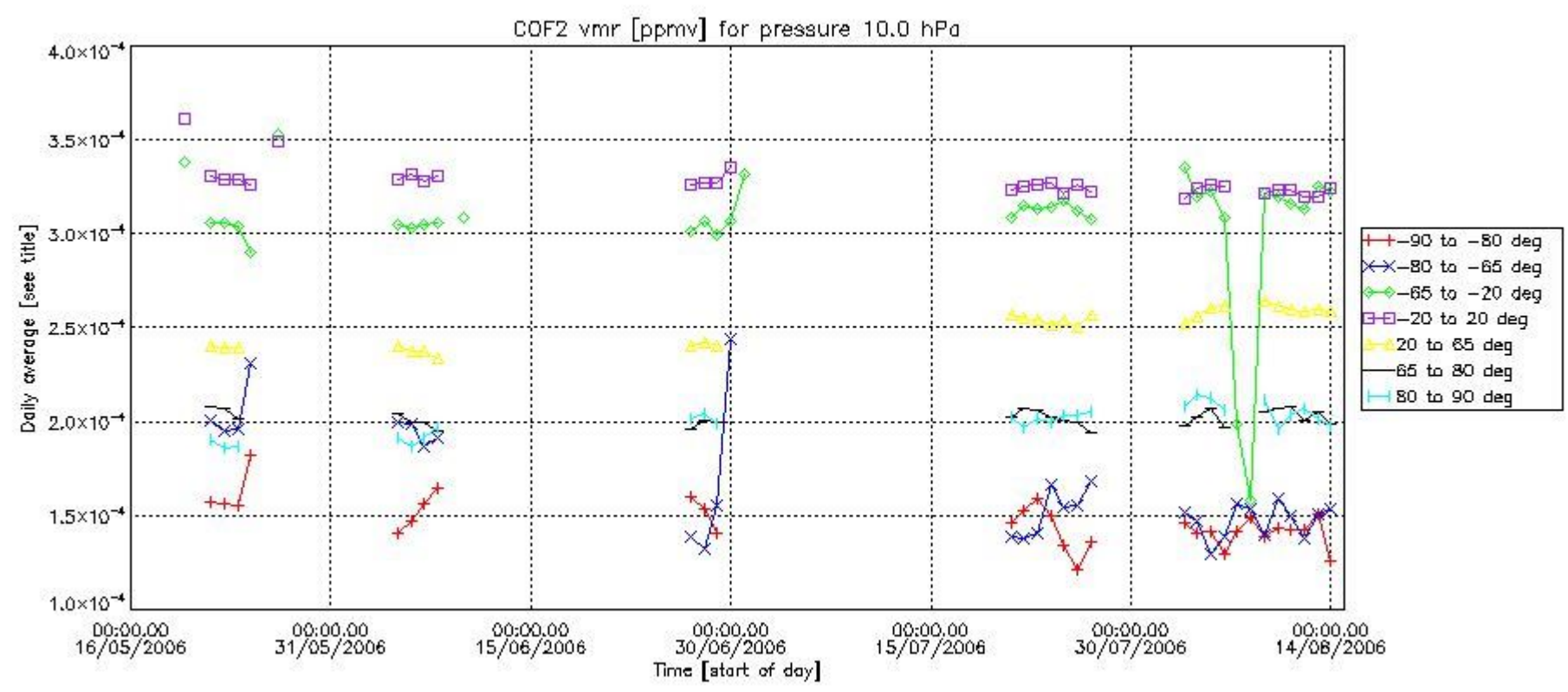


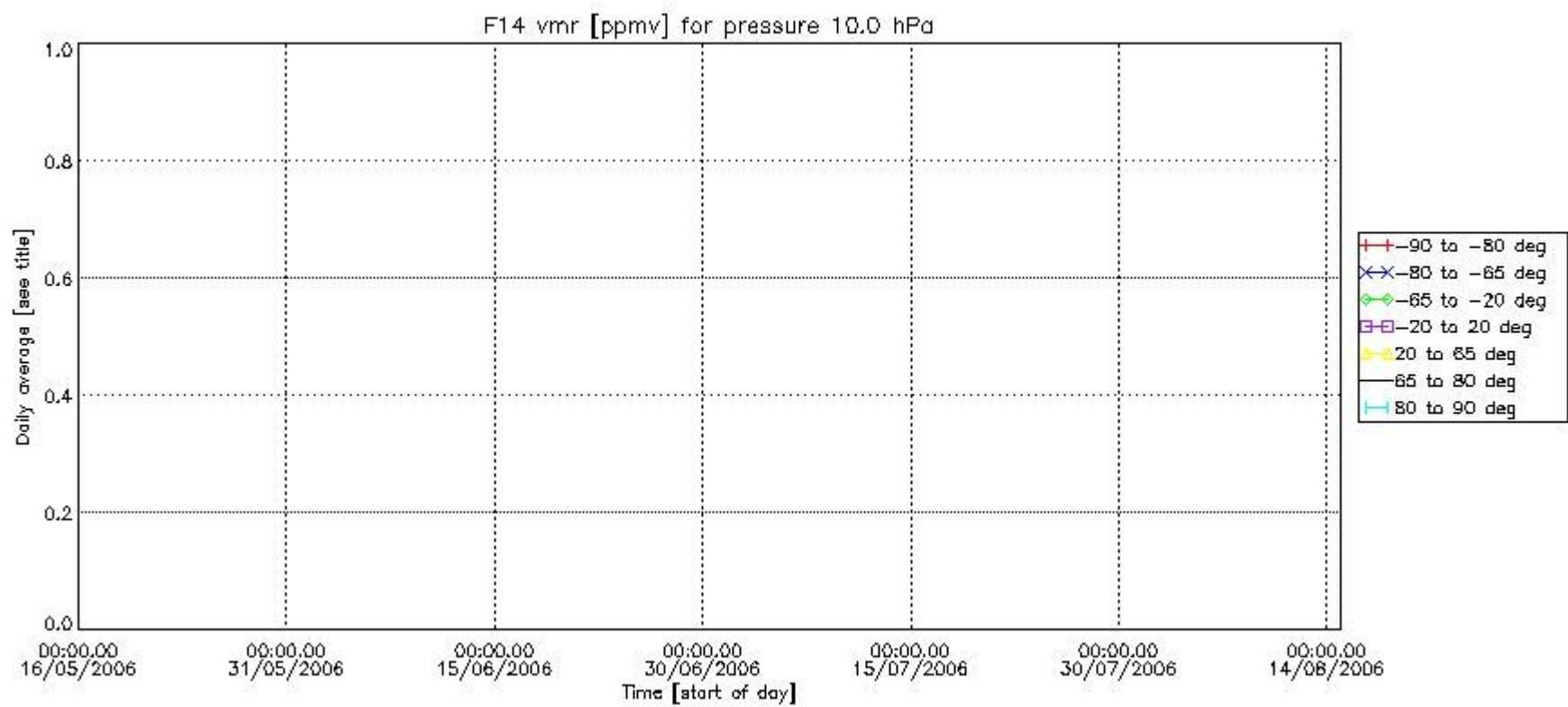
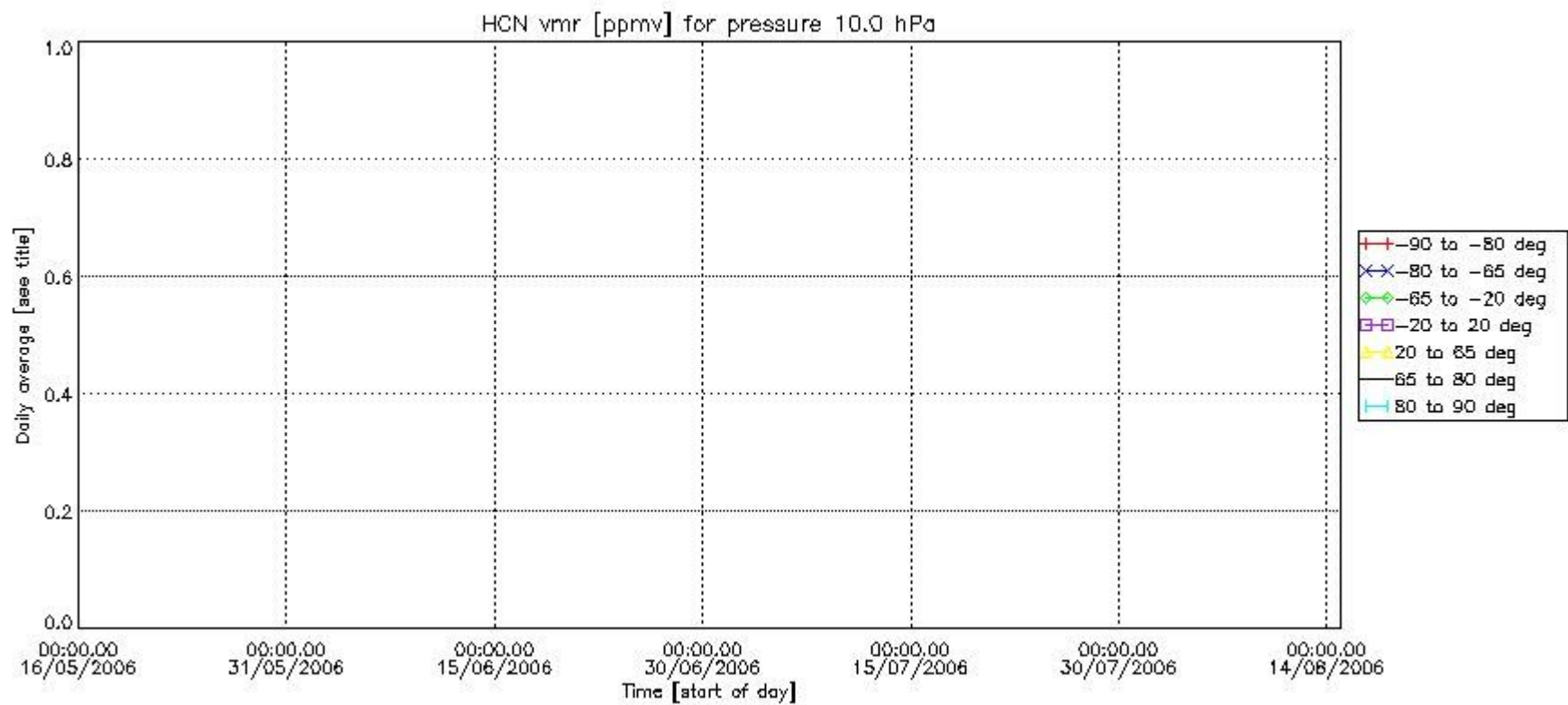


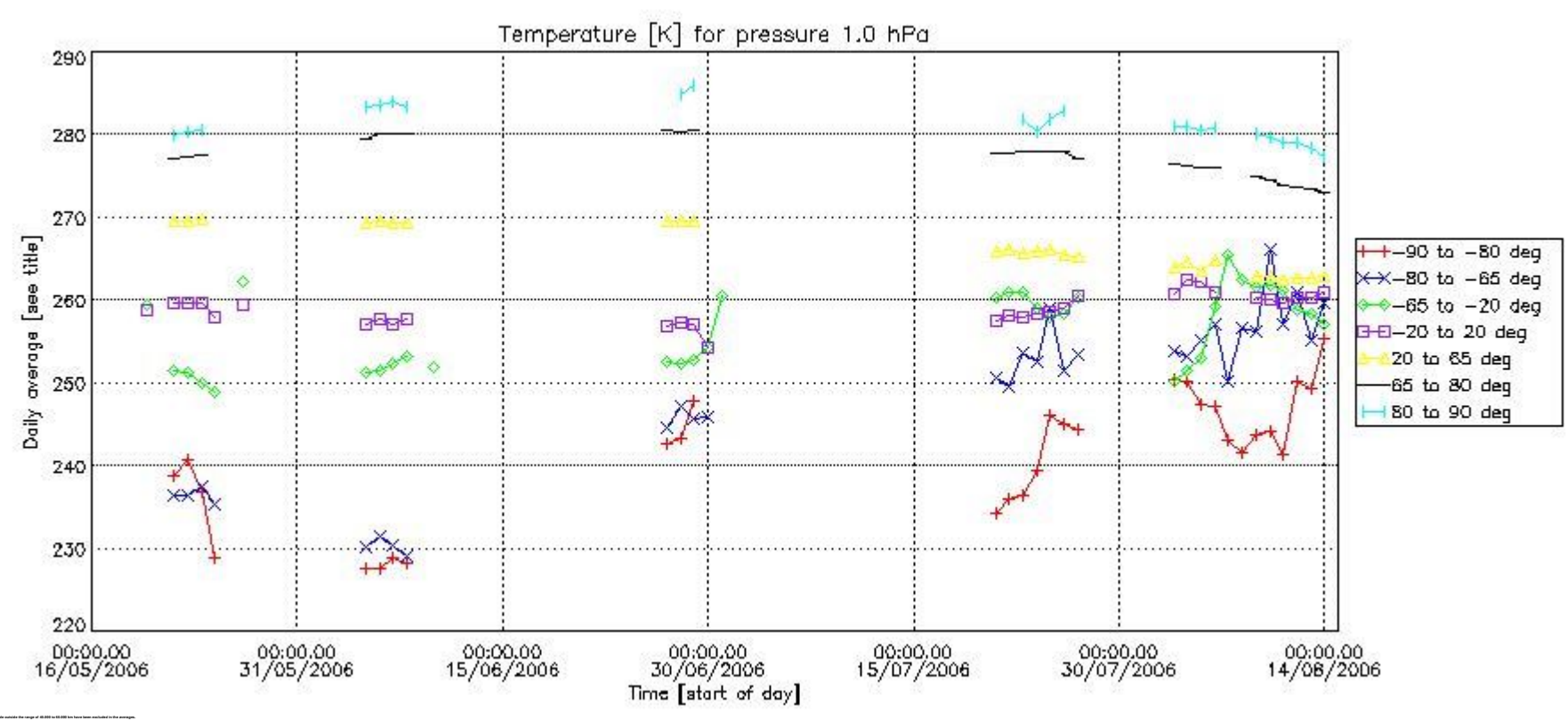
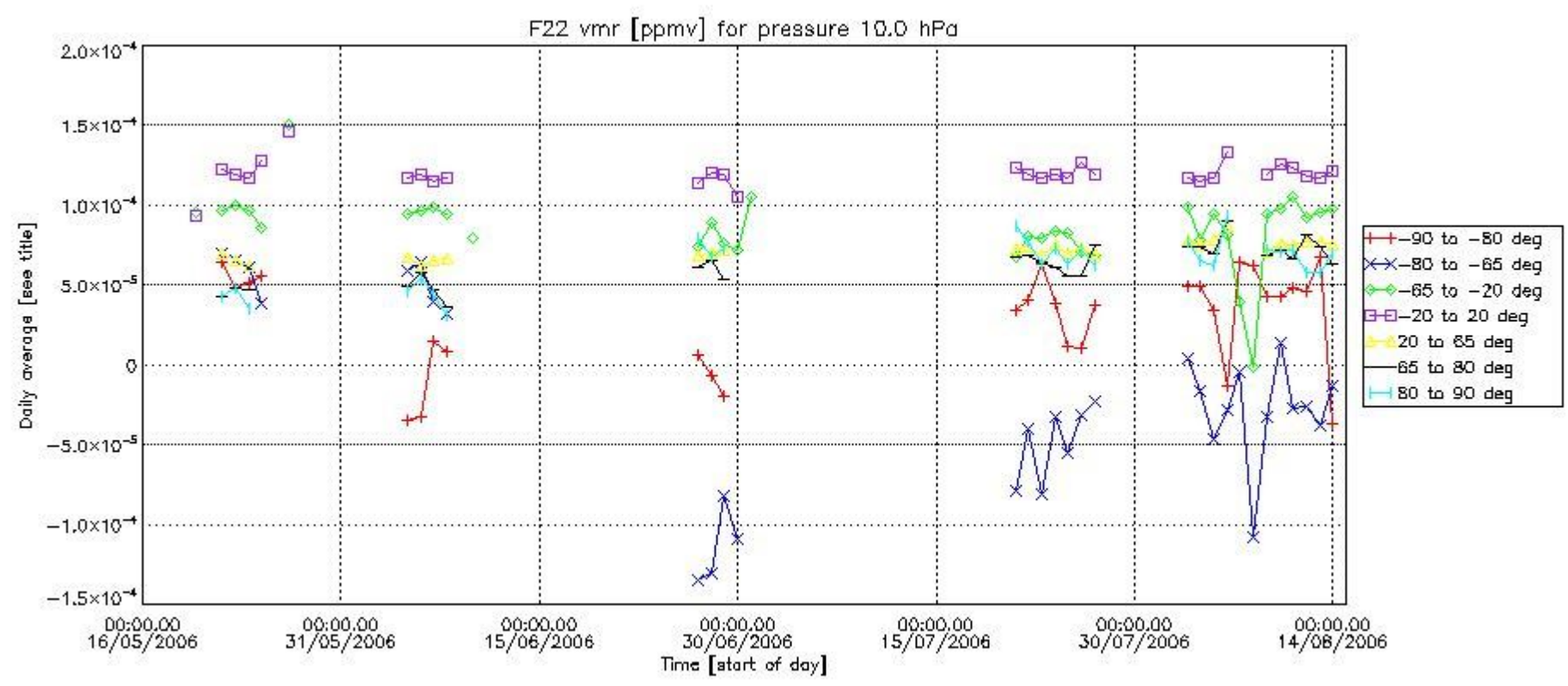


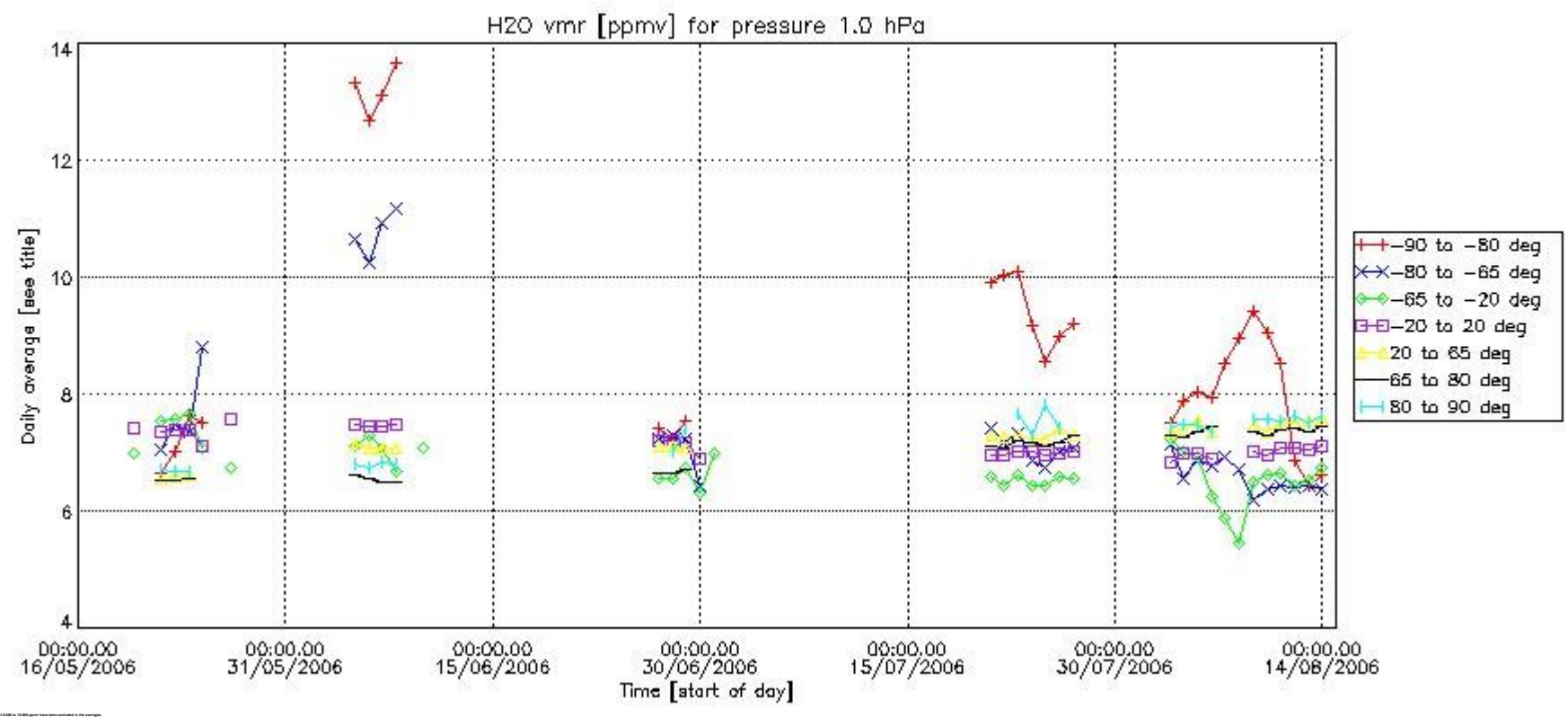
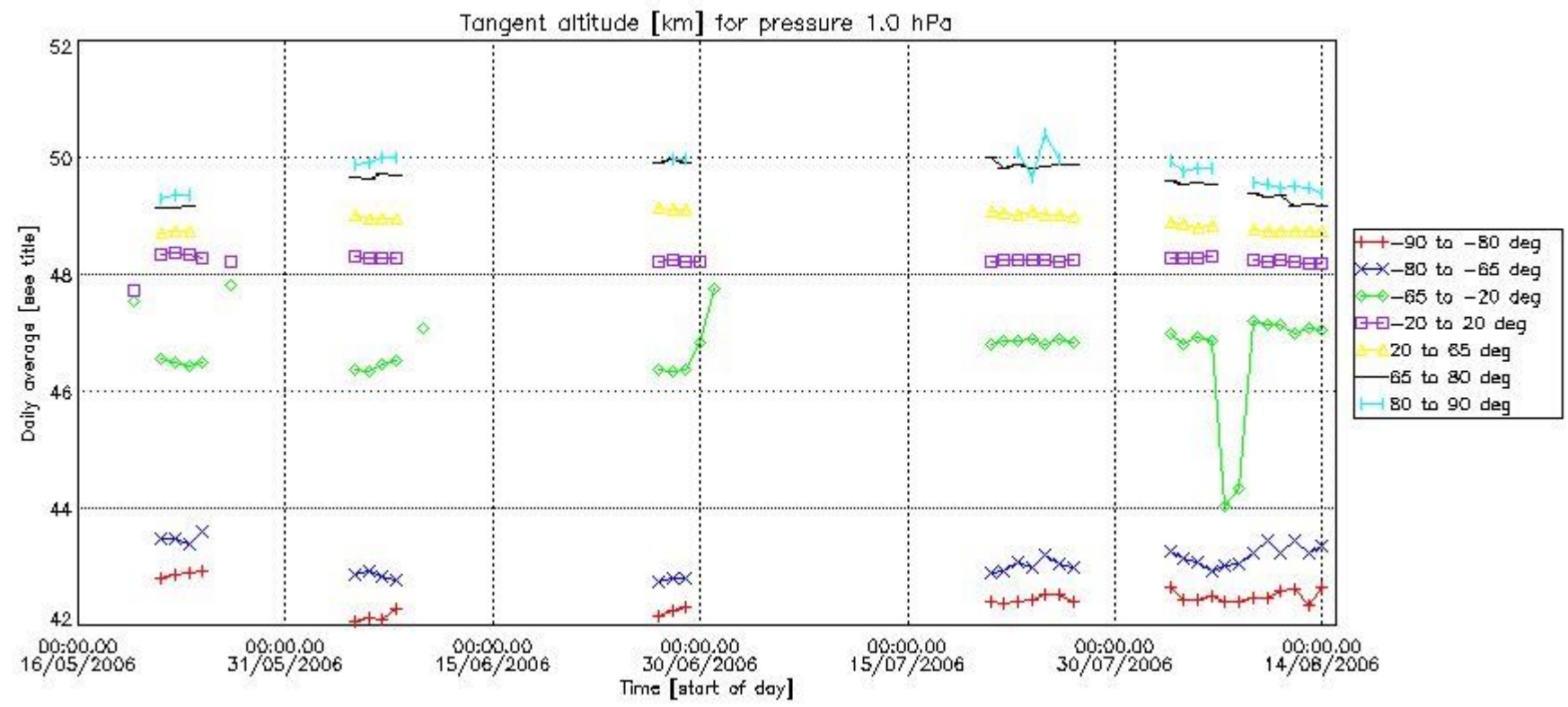


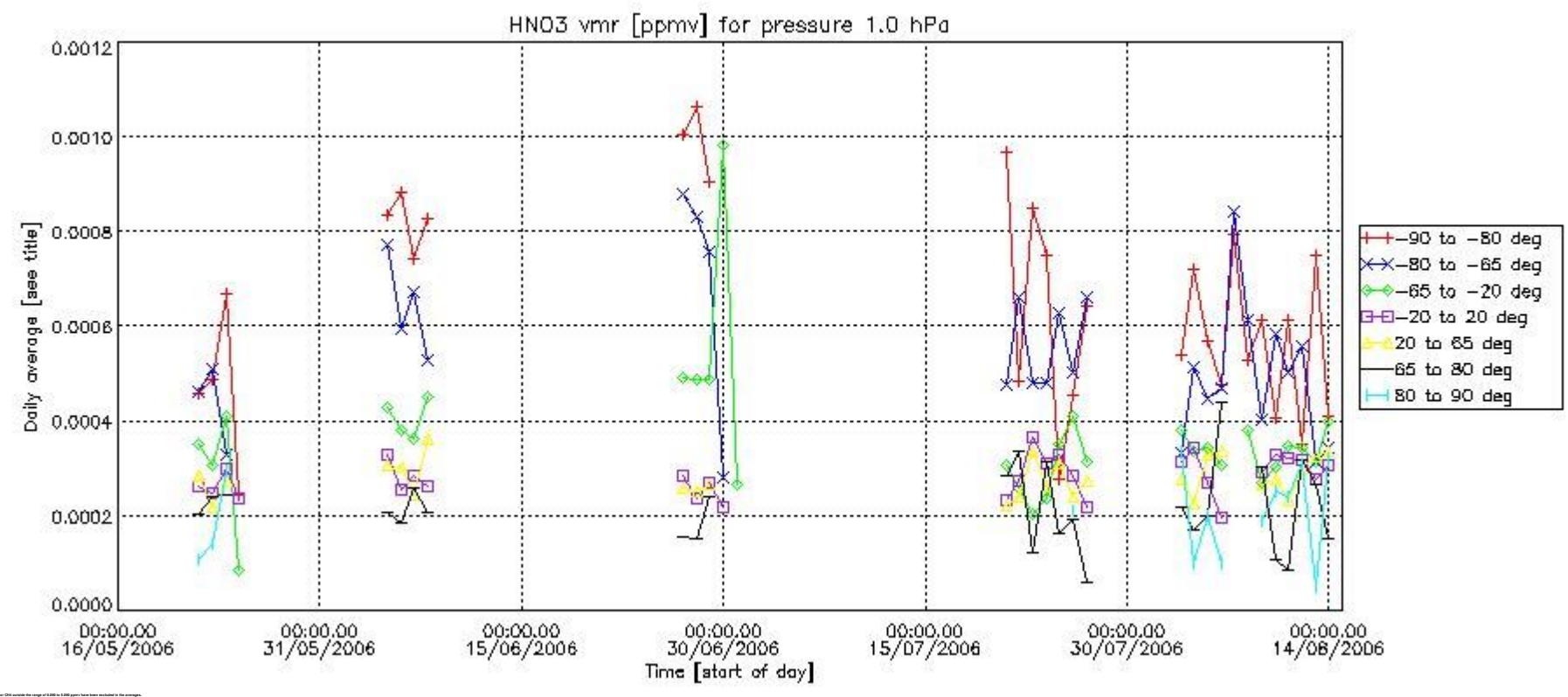
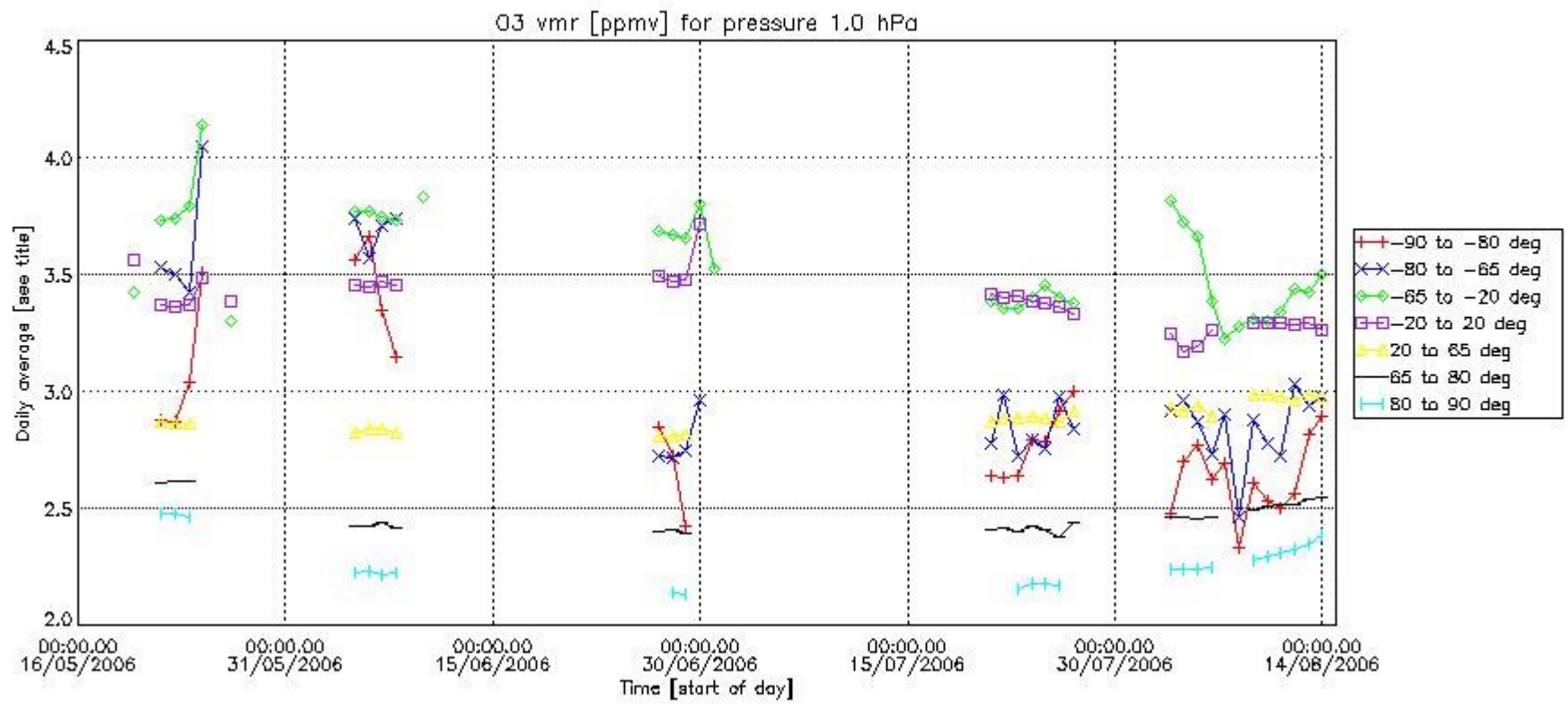


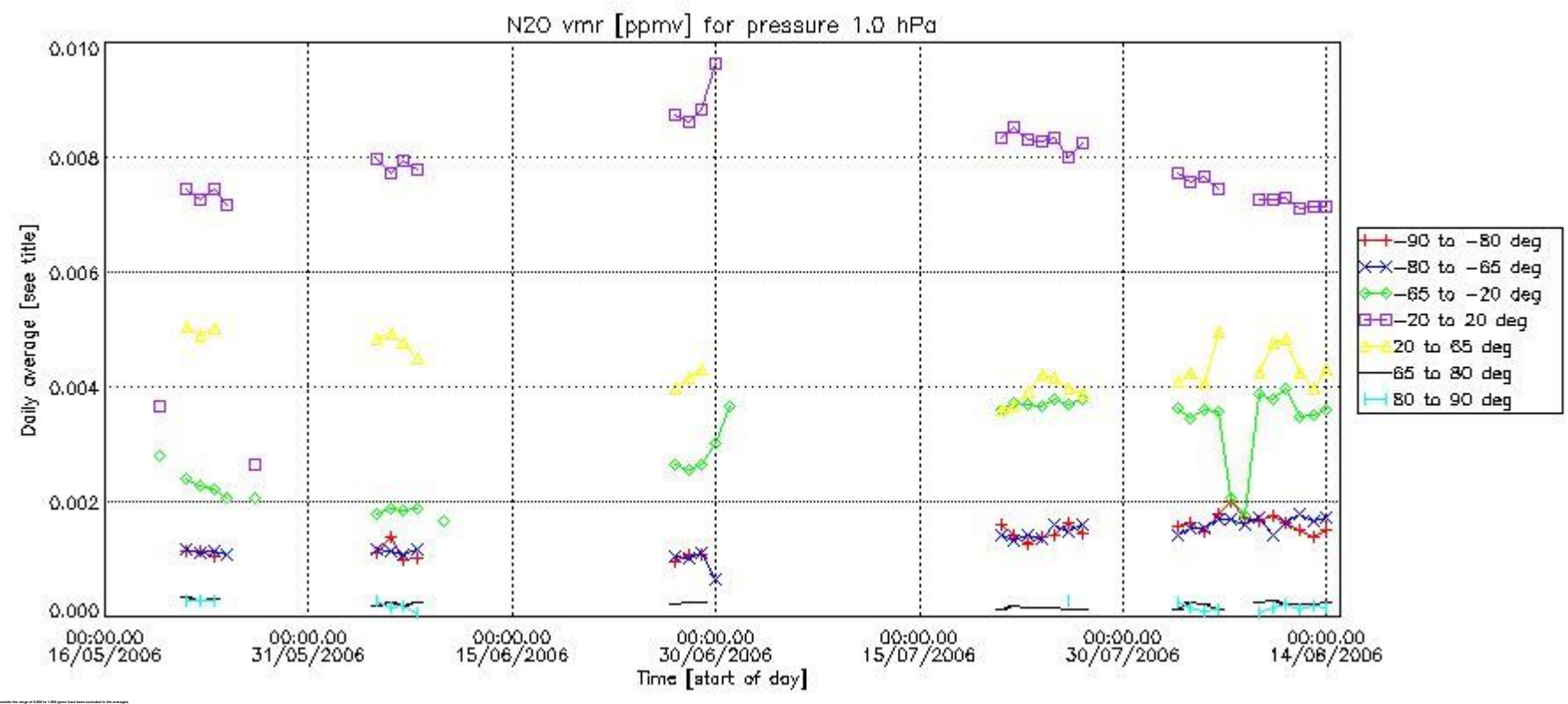
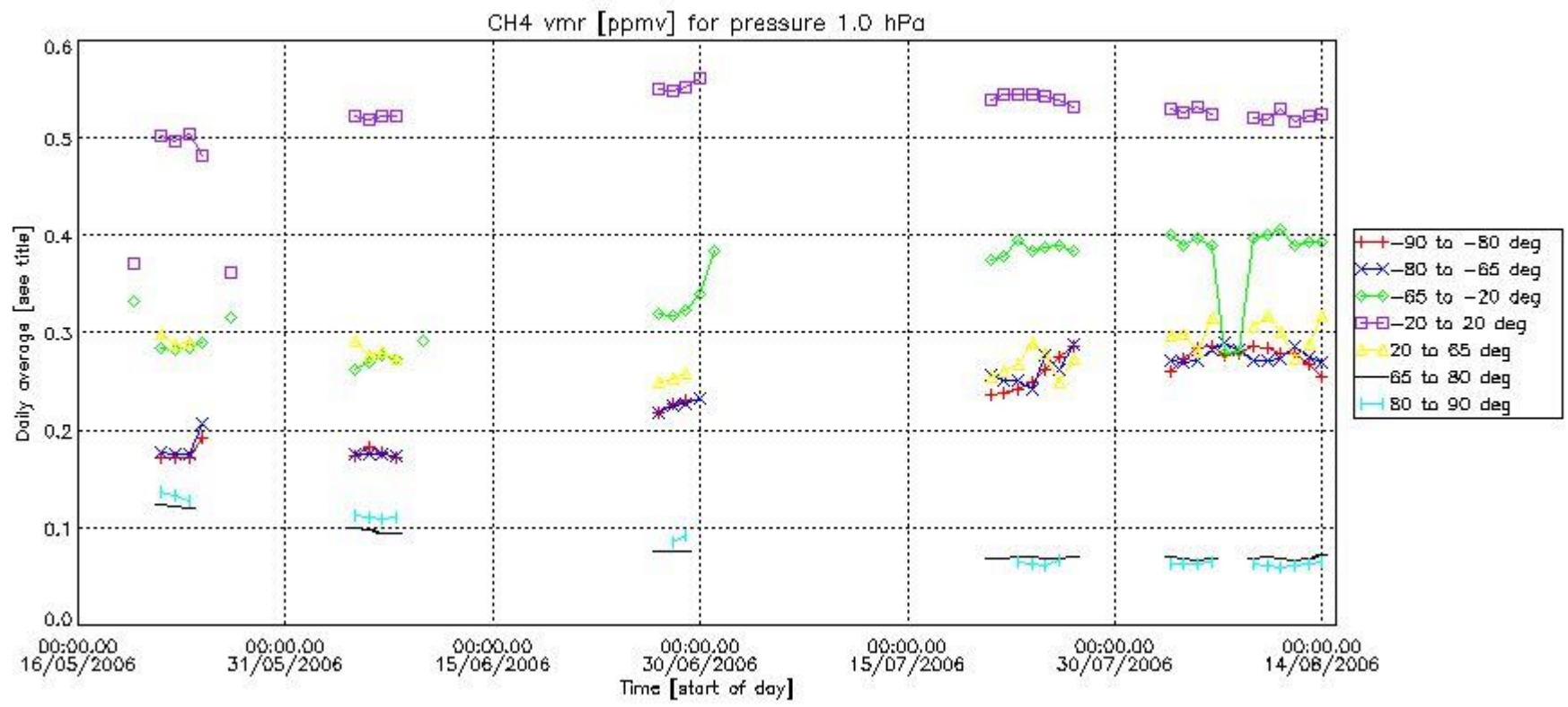


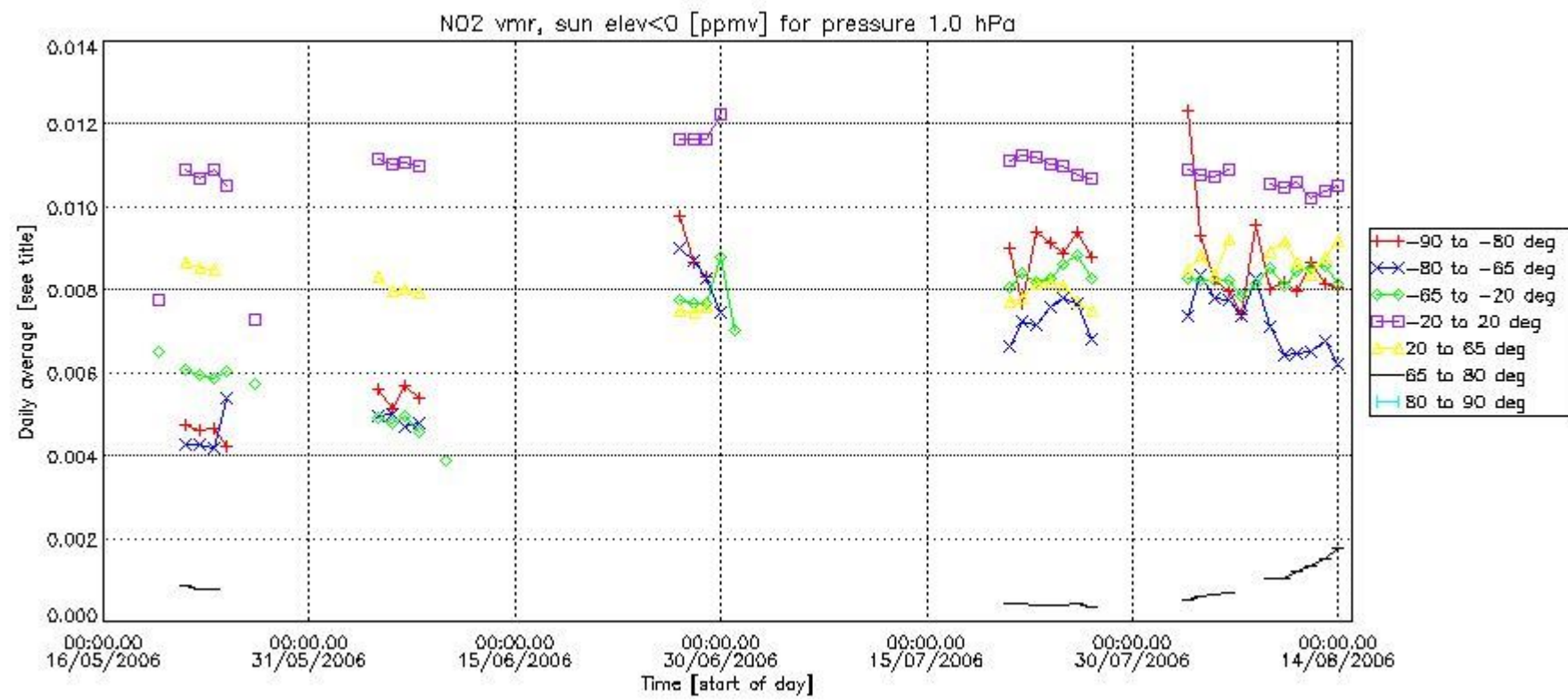
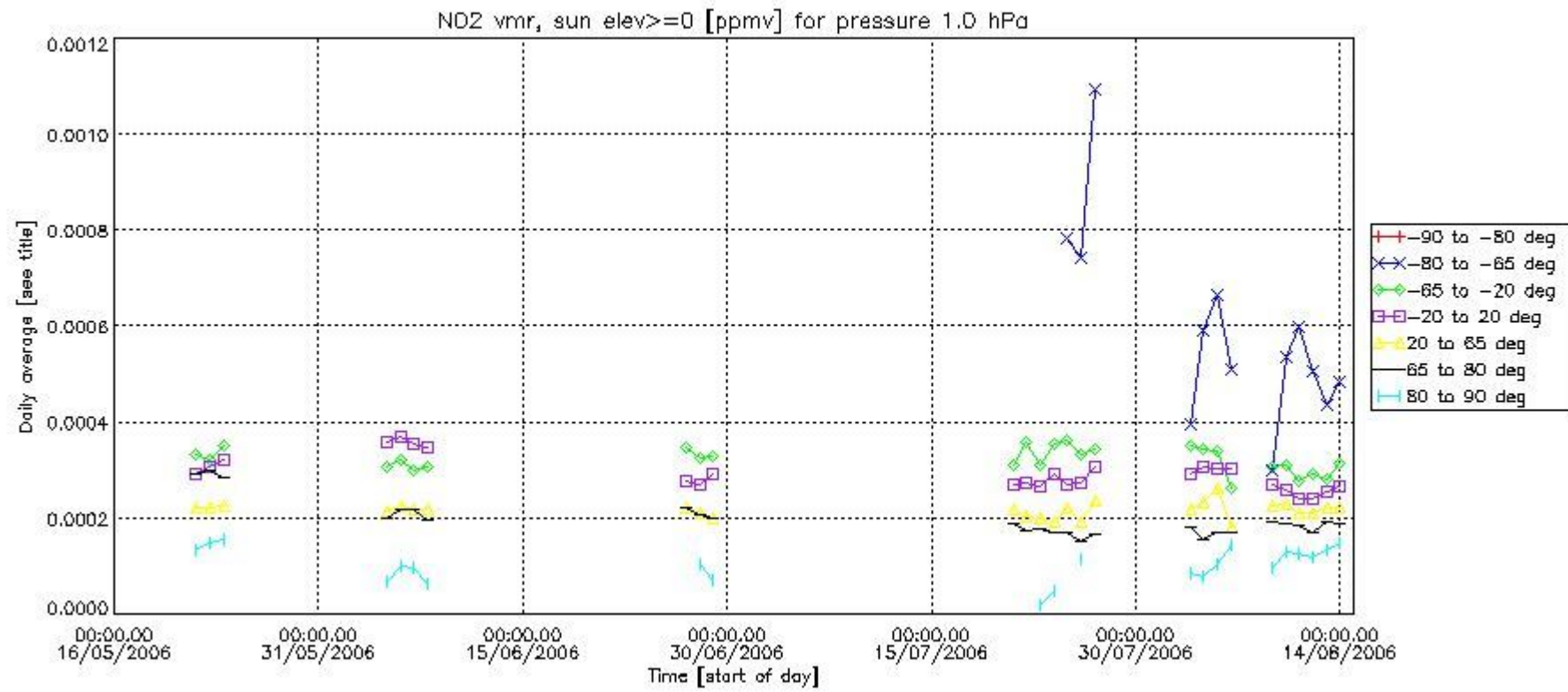


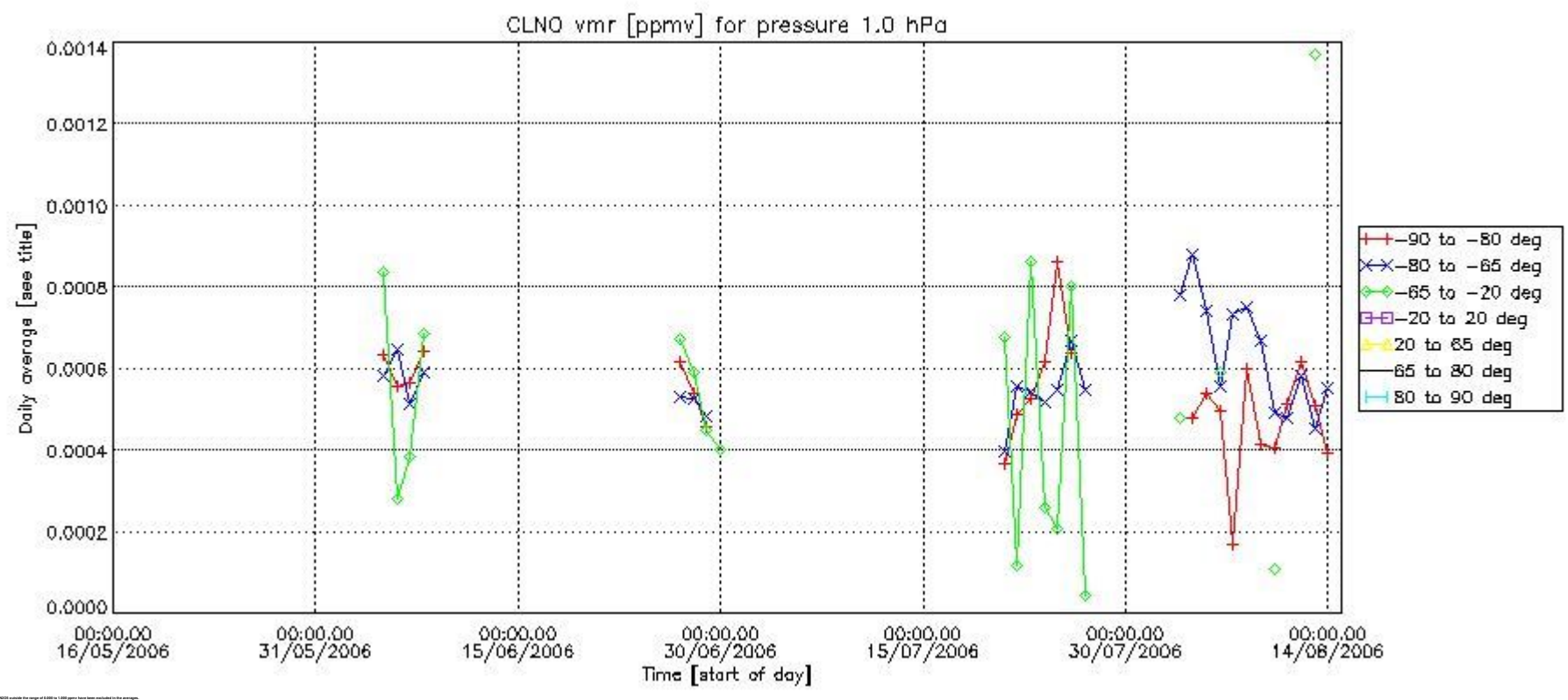
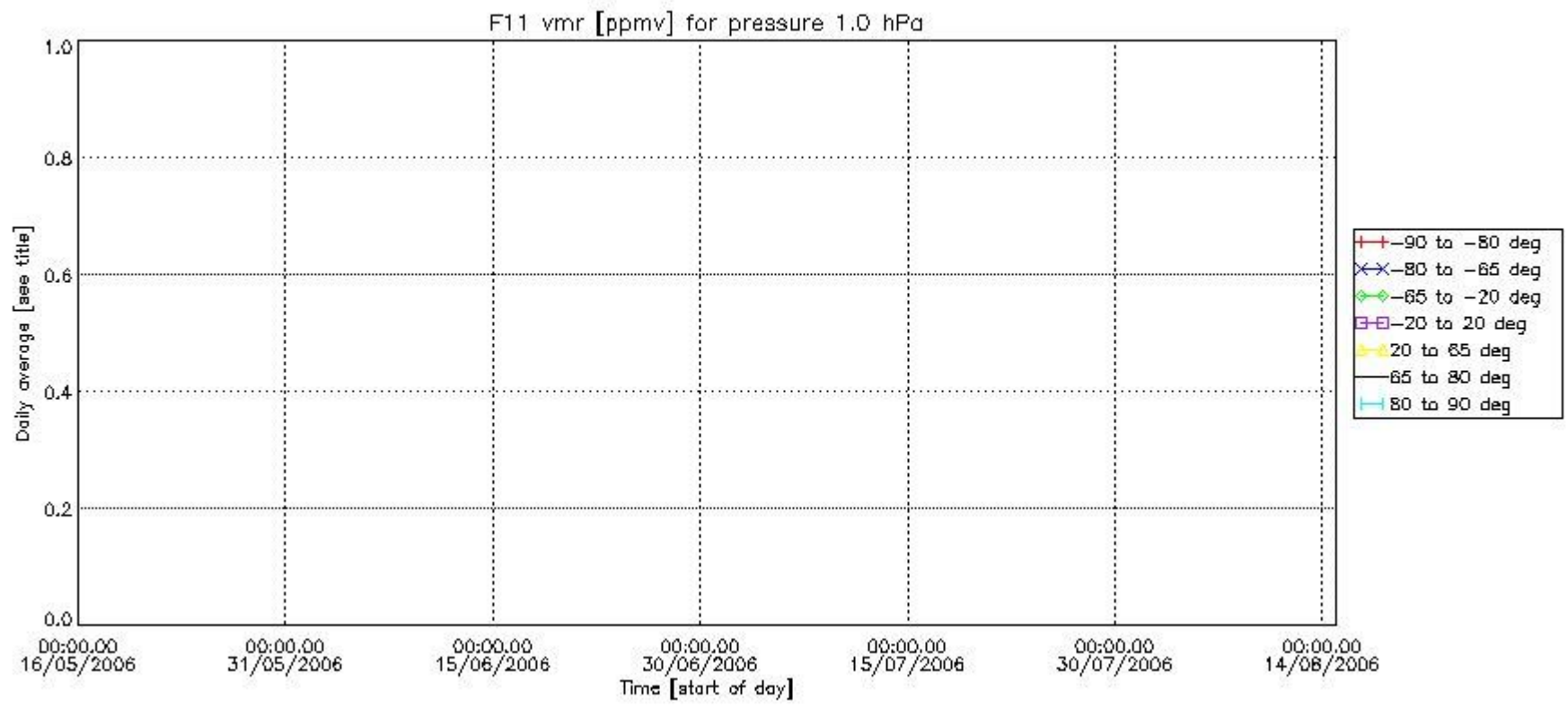


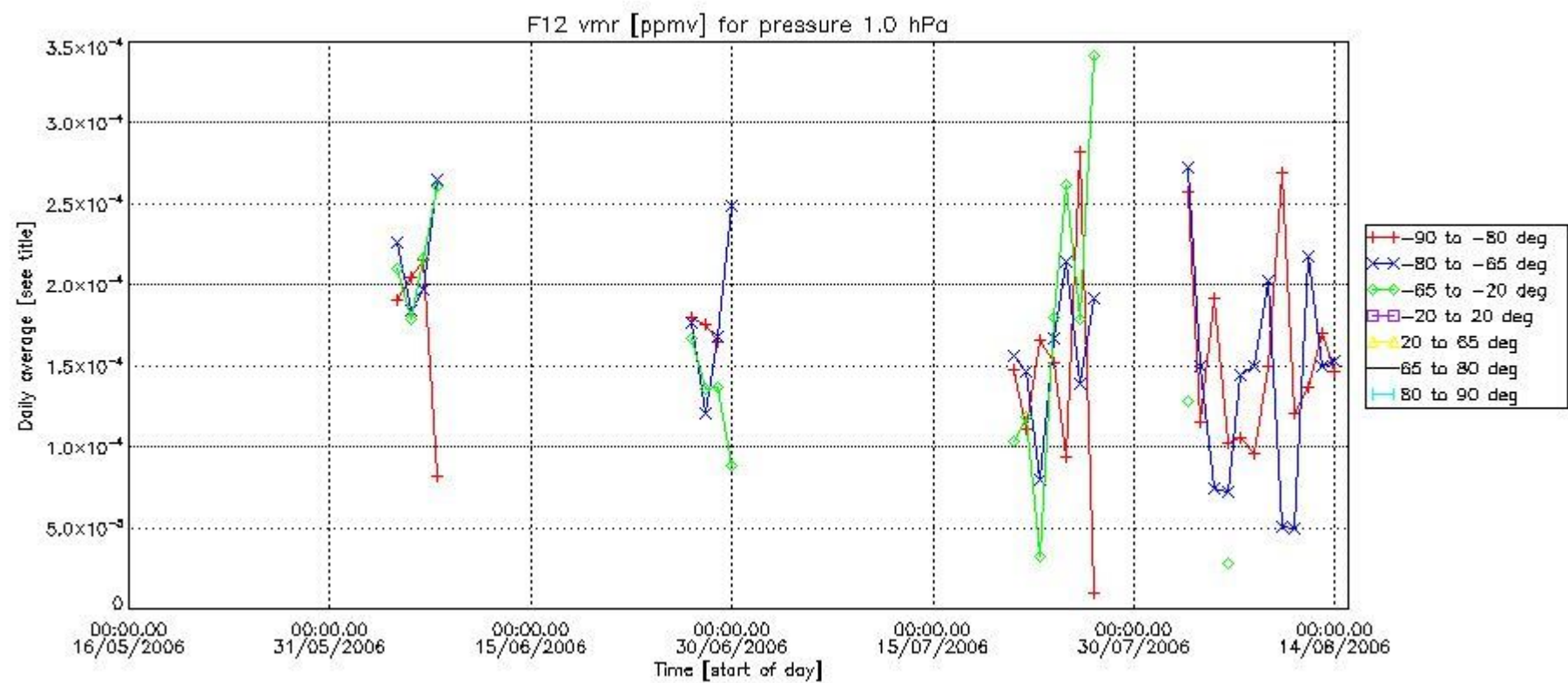
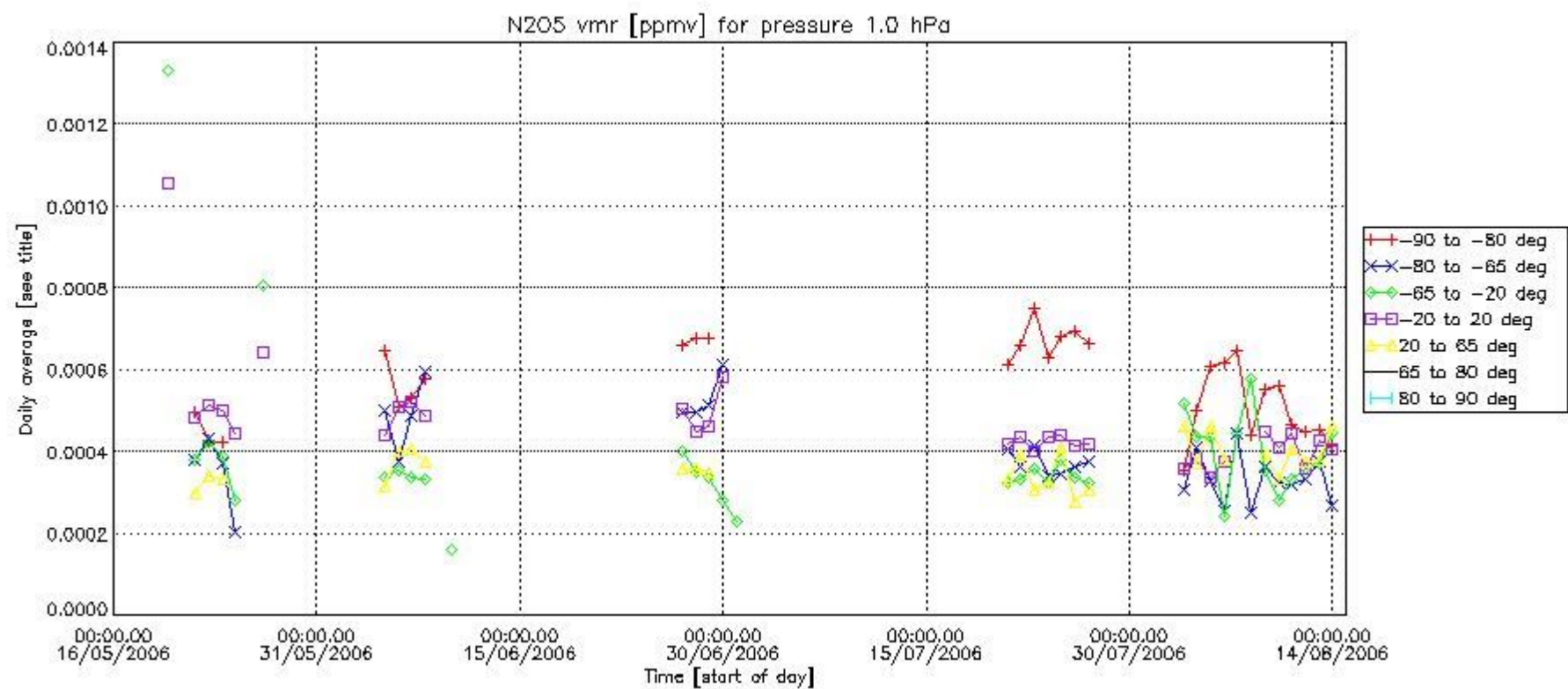


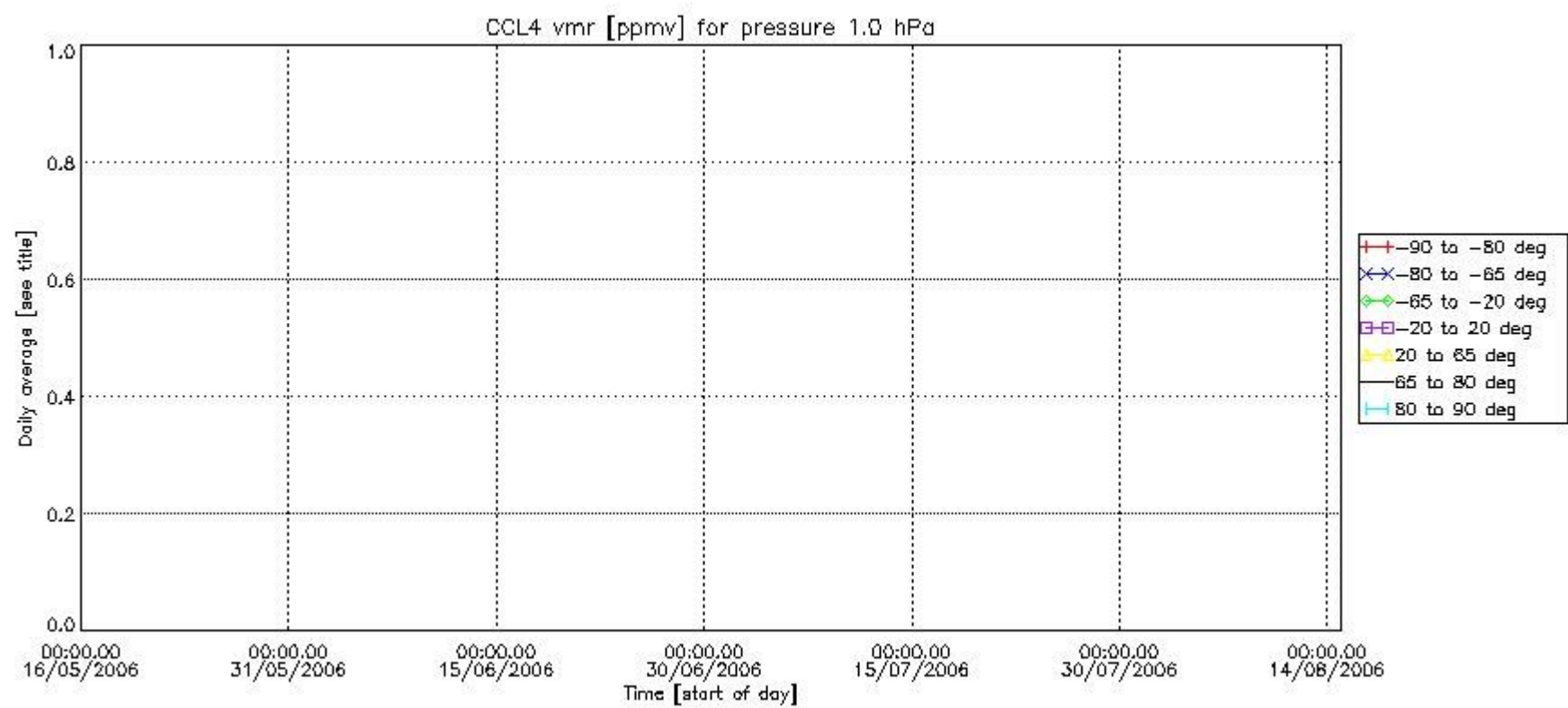
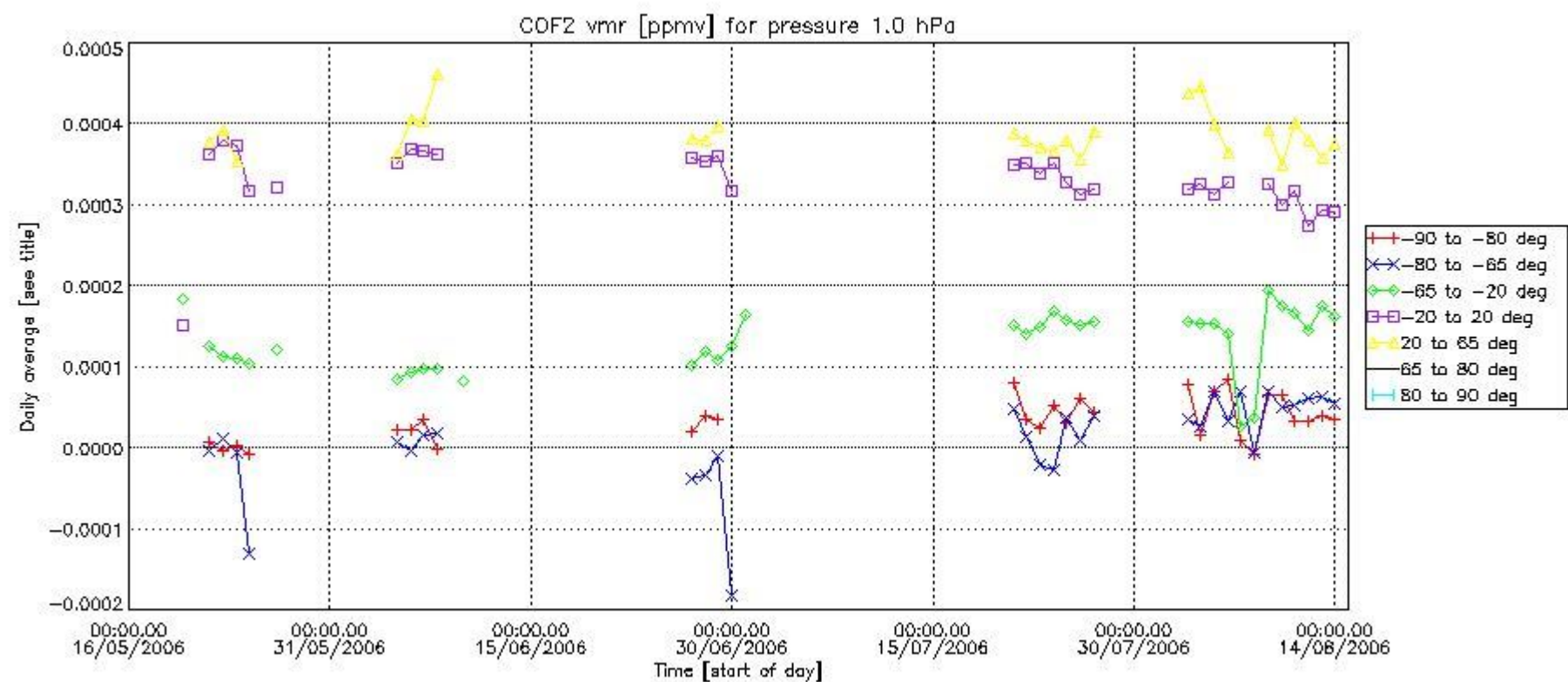


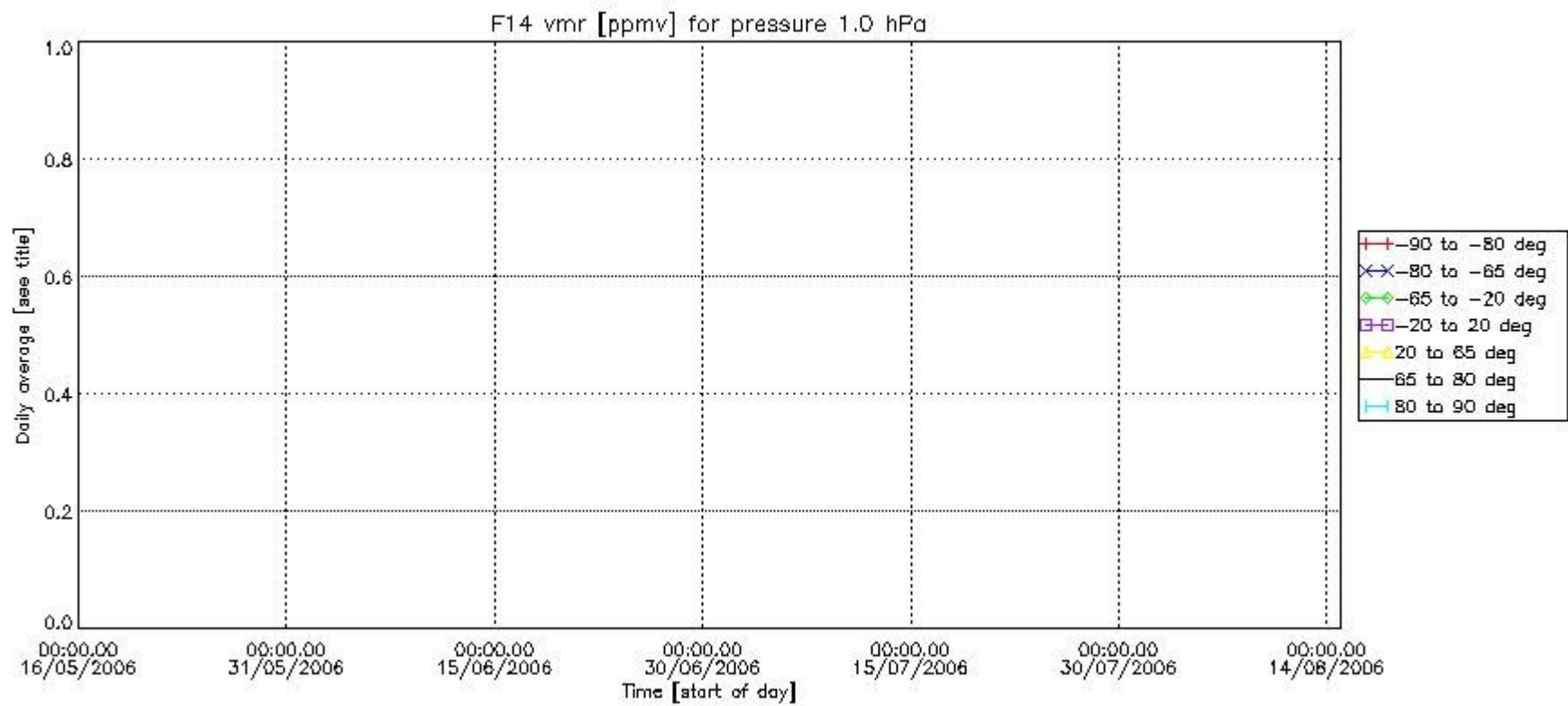
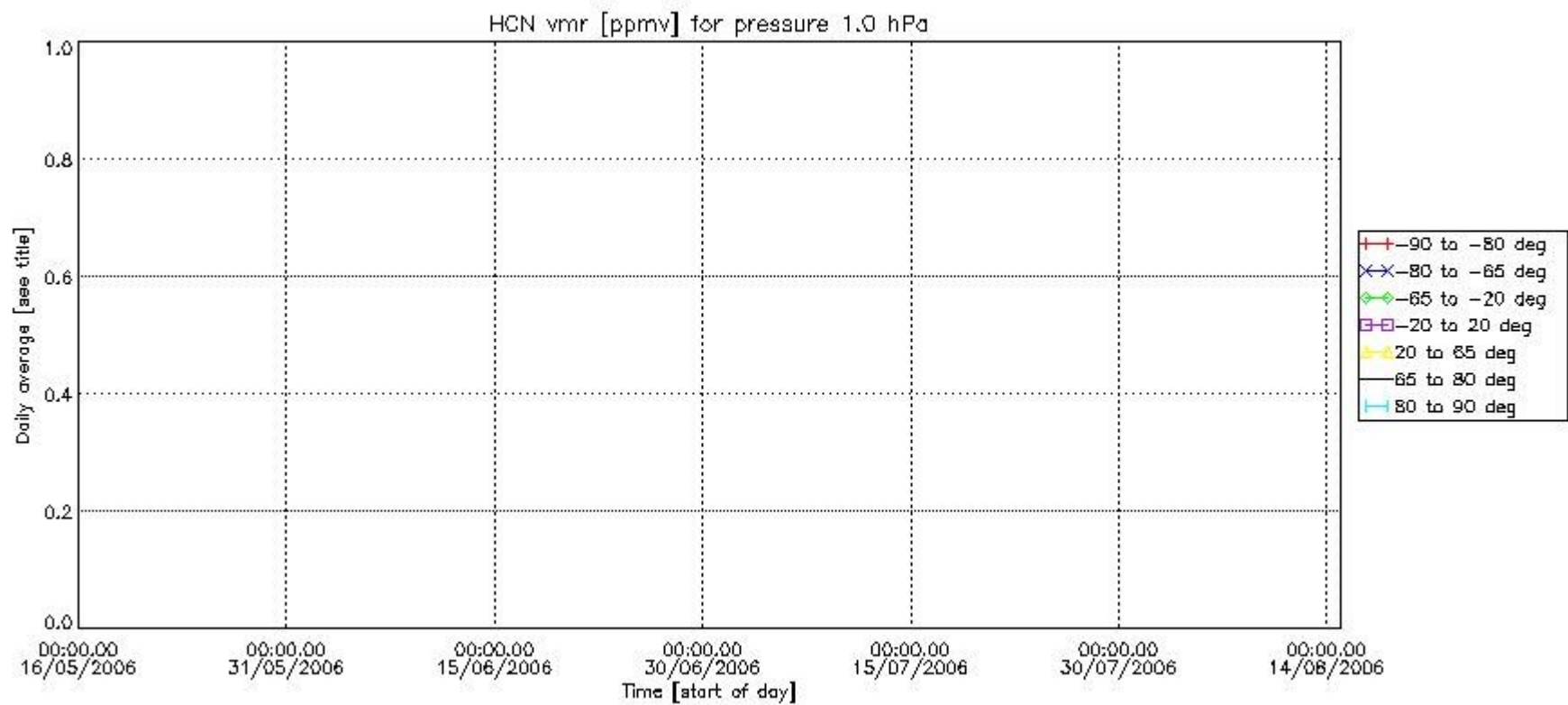


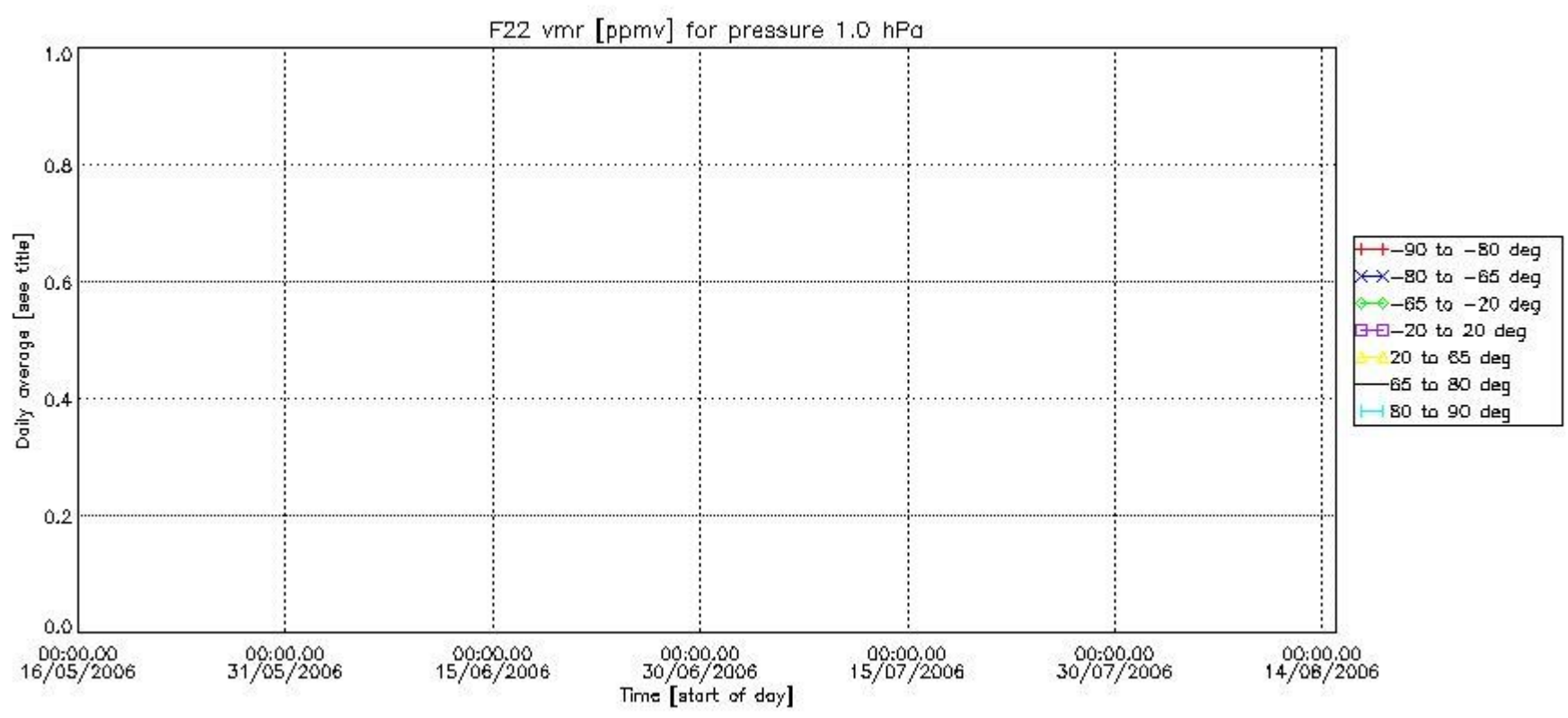












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

