

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20070213.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	28APR2016 11:26:36
Data source version	ML2PP/7.03-W
Processing scope for products	13FEB2007 00:00:00 to 14FEB2007 00:00:00
Start time of first product within scope	13FEB2007 12:08:47
Stop time of last product within scope	14FEB2007 01:29:30
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__2PWDSI20070213_120847_000057712055_00310_25915_1000.N1	13FEB2007 12:08:47	13FEB2007 13:44:58	0	127/127	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:4]
1	MIP_NL__2PWDSI20070213_134548_000060062055_00311_25916_1000.N1	13FEB2007 13:45:48	13FEB2007 15:25:54	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:2]
2	MIP_NL__2PWDSI20070213_152600_000060342055_00312_25917_1000.N1	13FEB2007 15:26:00	13FEB2007 17:06:35	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
3	MIP_NL__2PWDSI20070213_170641_000059902055_00313_25918_1000.N1	13FEB2007 17:06:41	13FEB2007 18:46:31	0	132/132	VMR_TERM_MACRO_MICRO[HCN/micro:3]
4	MIP_NL__2PWDSI20070213_184707_000060352055_00314_25919_1000.N1	13FEB2007 18:47:07	13FEB2007 20:27:42	0	129/129	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1]
5	MIP_NL__2PWDSI20070213_202748_000060342055_00315_25920_1000.N1	13FEB2007 20:27:48	13FEB2007 22:08:23	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:2; HCN/micro:3]
6	MIP_NL__2PWDSI20070213_220829_000059902055_00316_25921_1000.N1	13FEB2007 22:08:29	13FEB2007 23:48:19	0	132/132	VMR_TERM_MACRO_MICRO[HCN/macro:2; HCN/micro:1]
7	MIP_NL__2PWDSI20070213_234855_000060352055_00317_25922_1000.N1	13FEB2007 23:48:55	14FEB2007 01:29:30	0	129/129	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:2; HCN/micro:2]

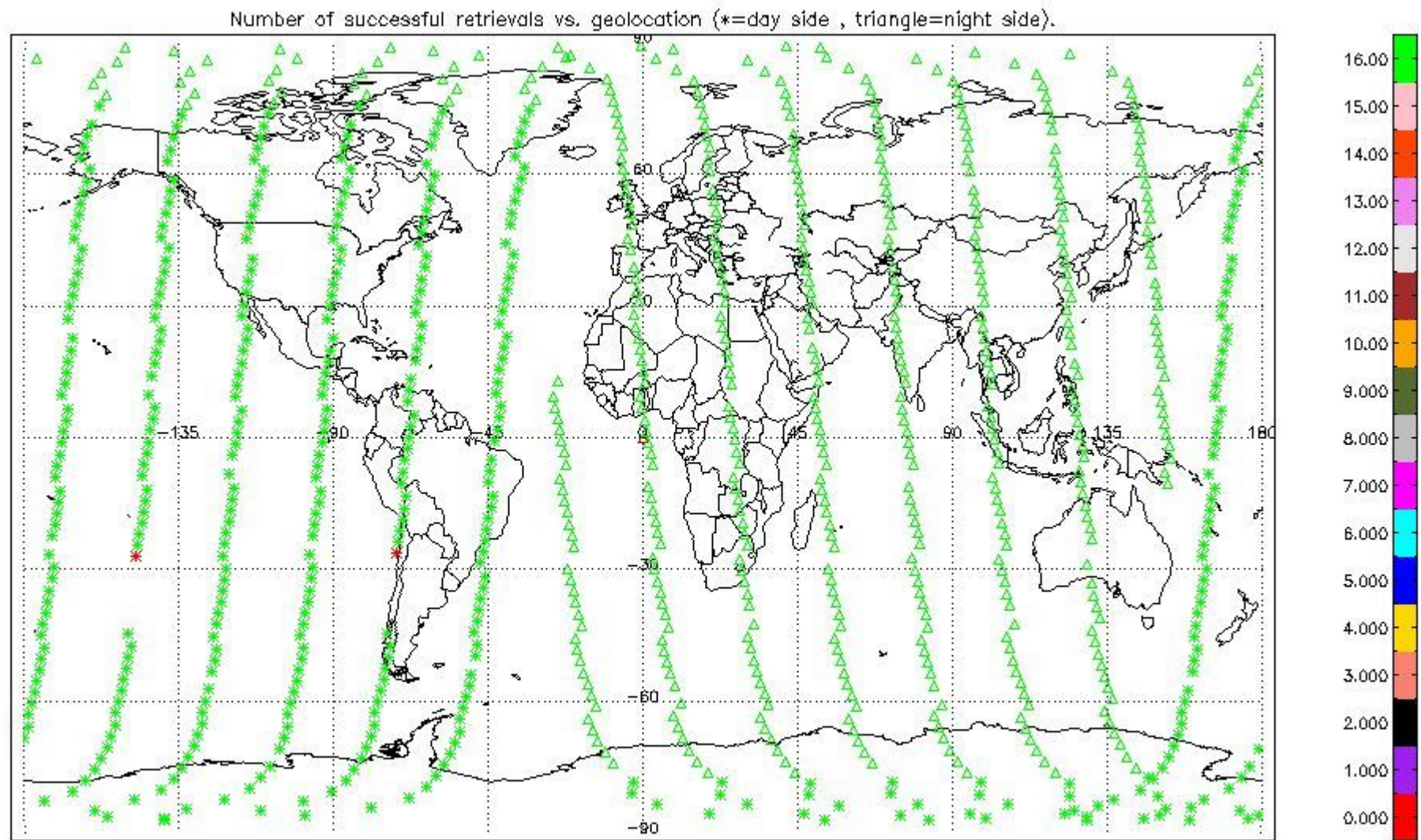
2.2 Processing performance indicators

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.

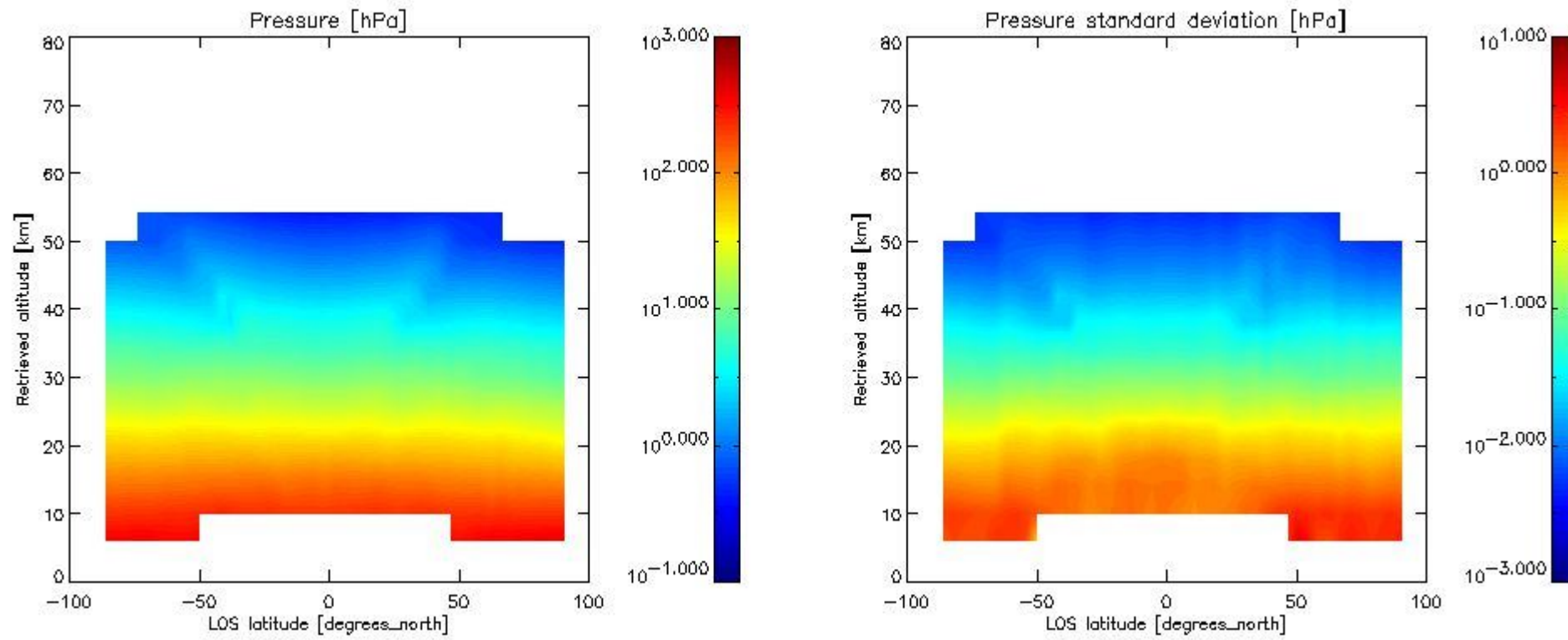
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1043	925	88.686
H2O	1043	925	88.686

O3	1043	925	88.686
HNO3	1043	925	88.686
CH4	1043	925	88.686
N2O	1043	925	88.686
NO2	1043	925	88.686
F11	1043	925	88.686
CLNO	1043	925	88.686
N2O5	1043	925	88.686
F12	1043	925	88.686
COF2	1043	925	88.686
CCL4	1043	925	88.686
HCN	1043	925	88.686
F14	1043	925	88.686
F22	1043	925	88.686



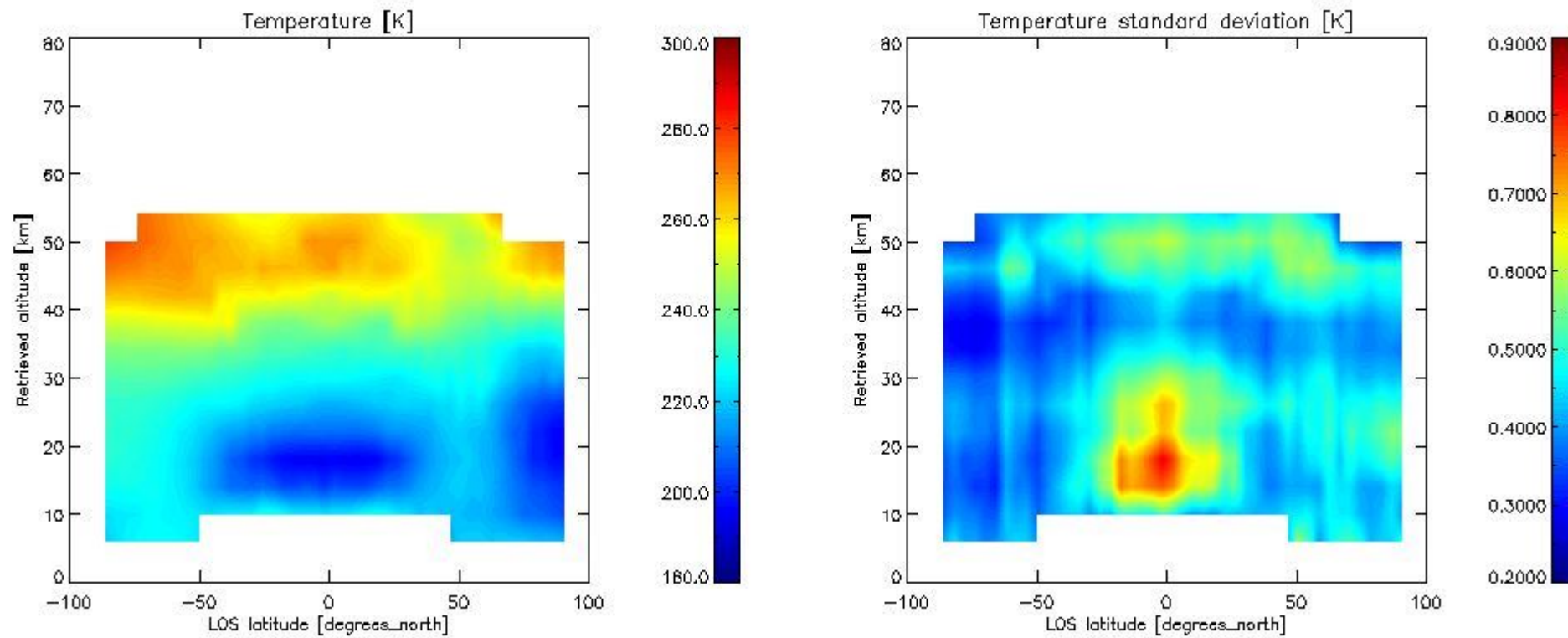
2.2.2 Pressure overview

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



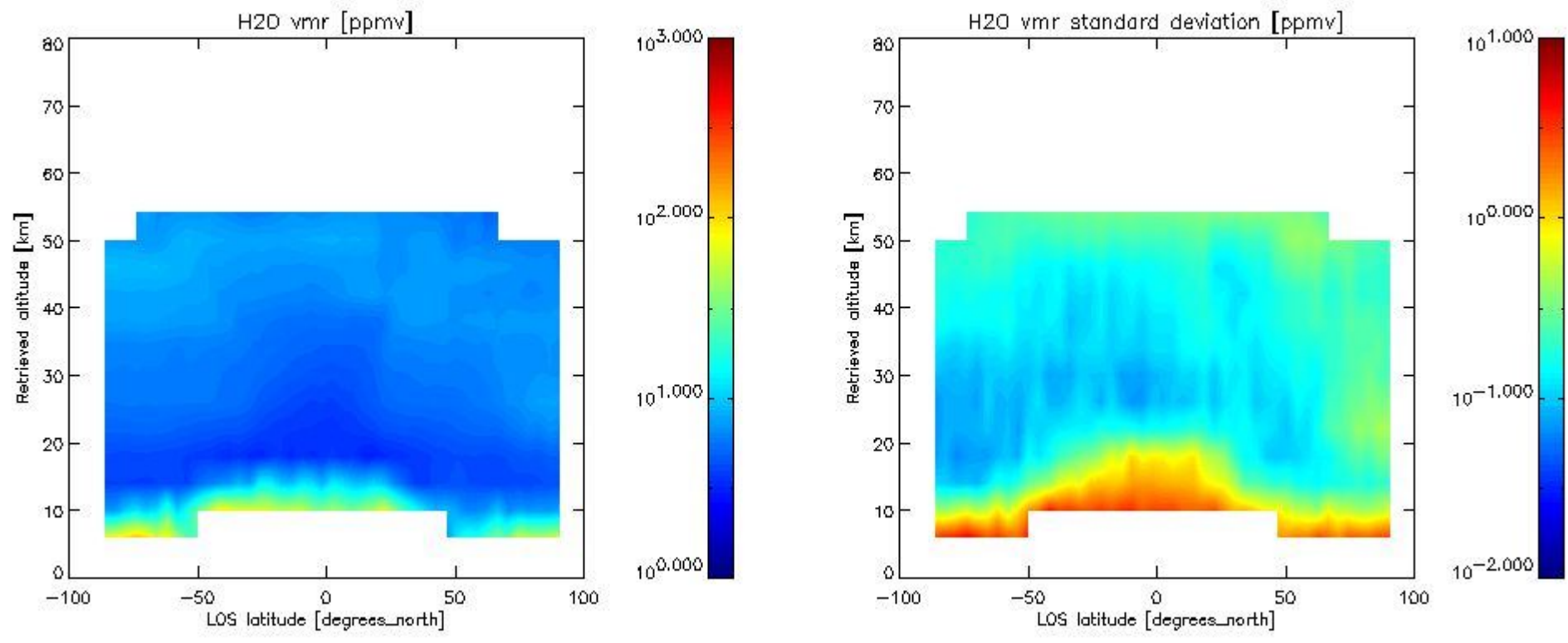
2.2.3 Temperature overview

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

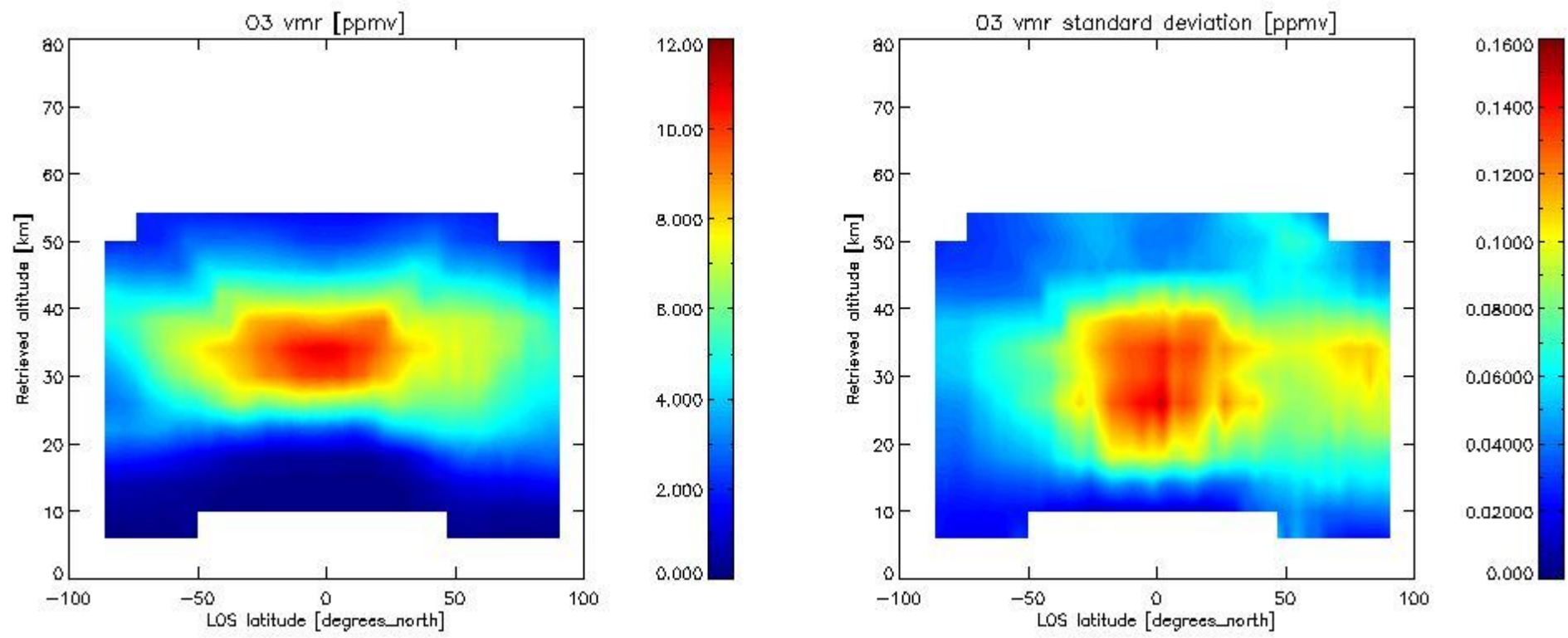


2.2.4 Species overview

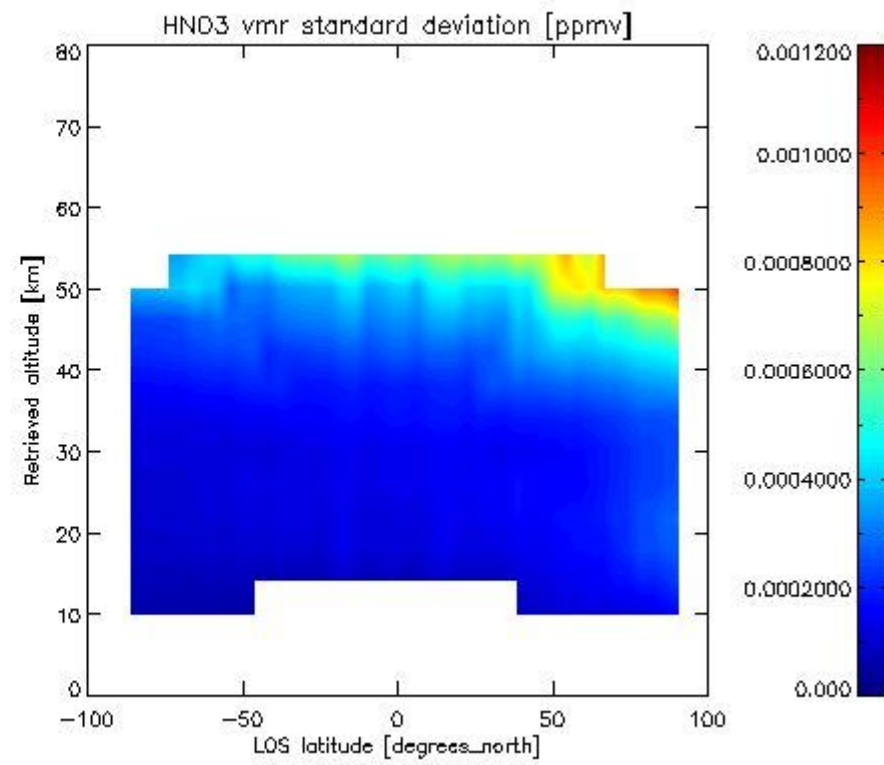
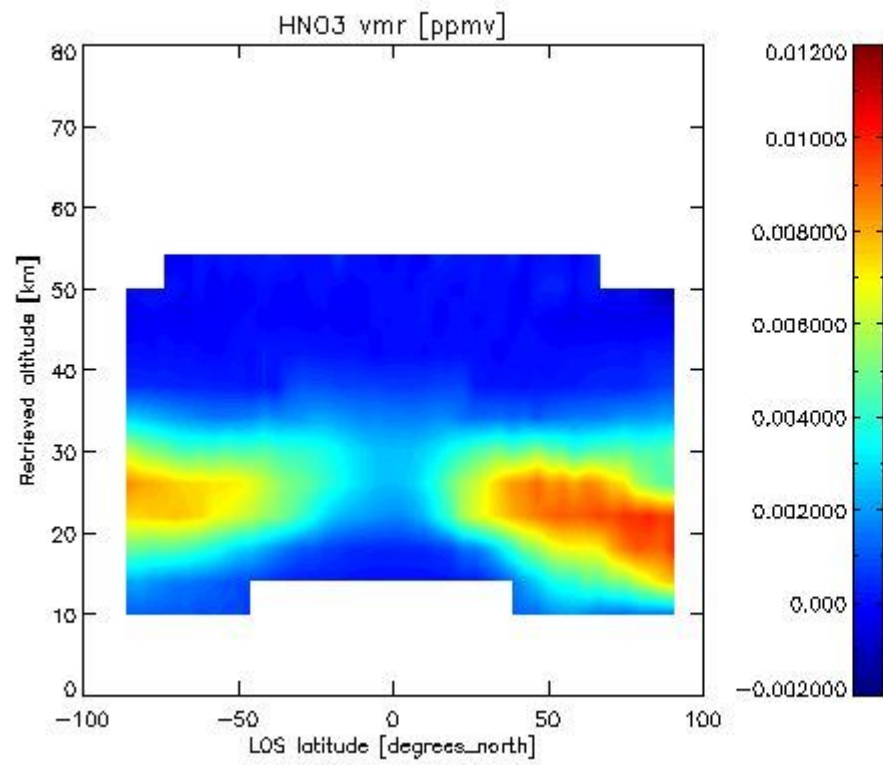
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



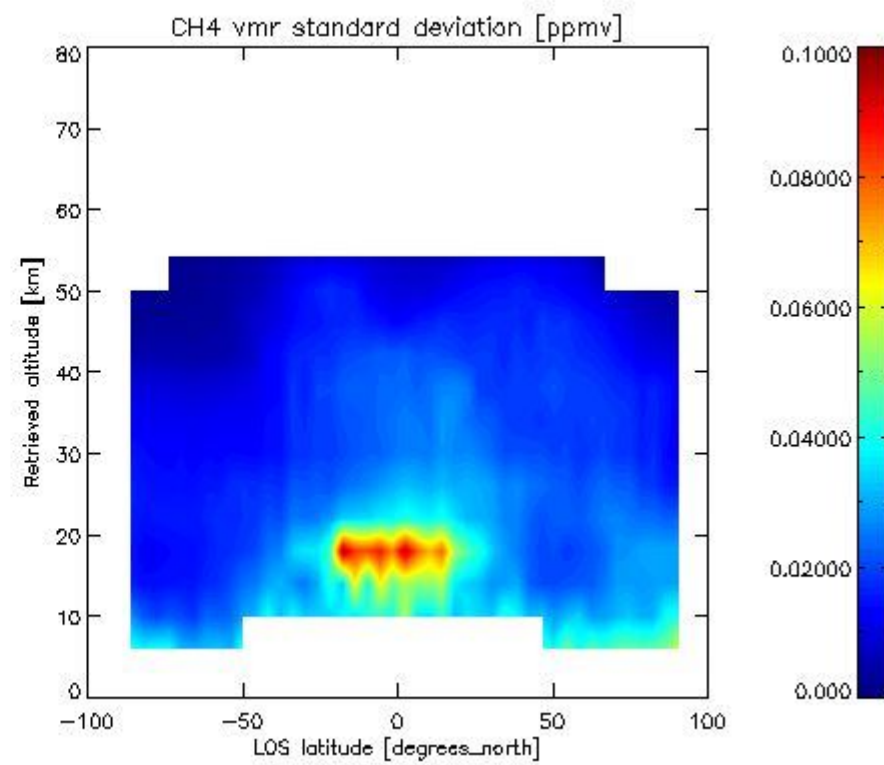
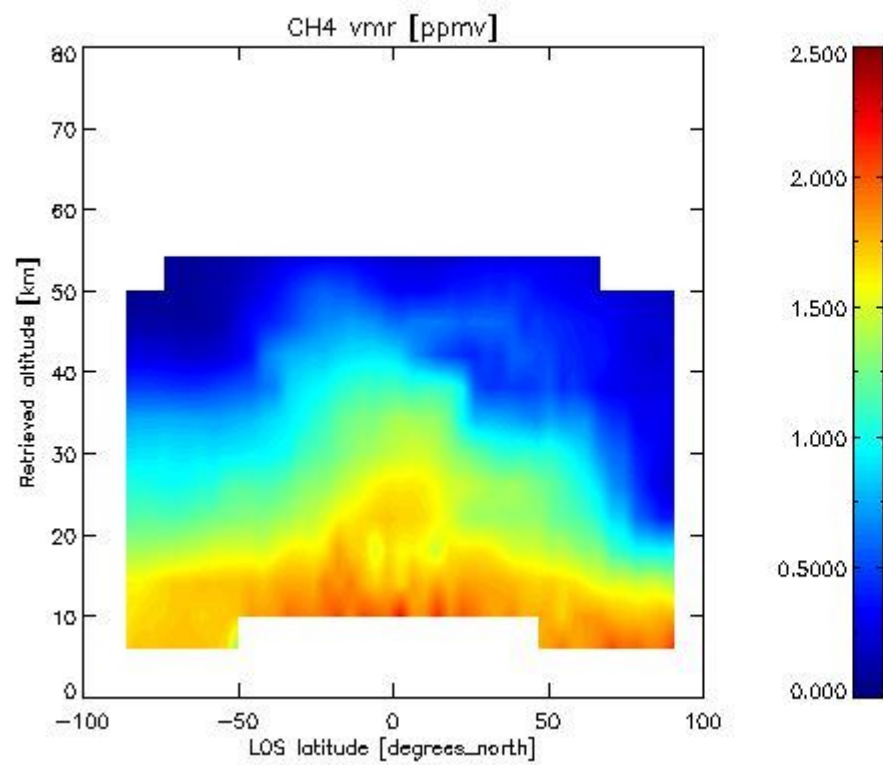
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



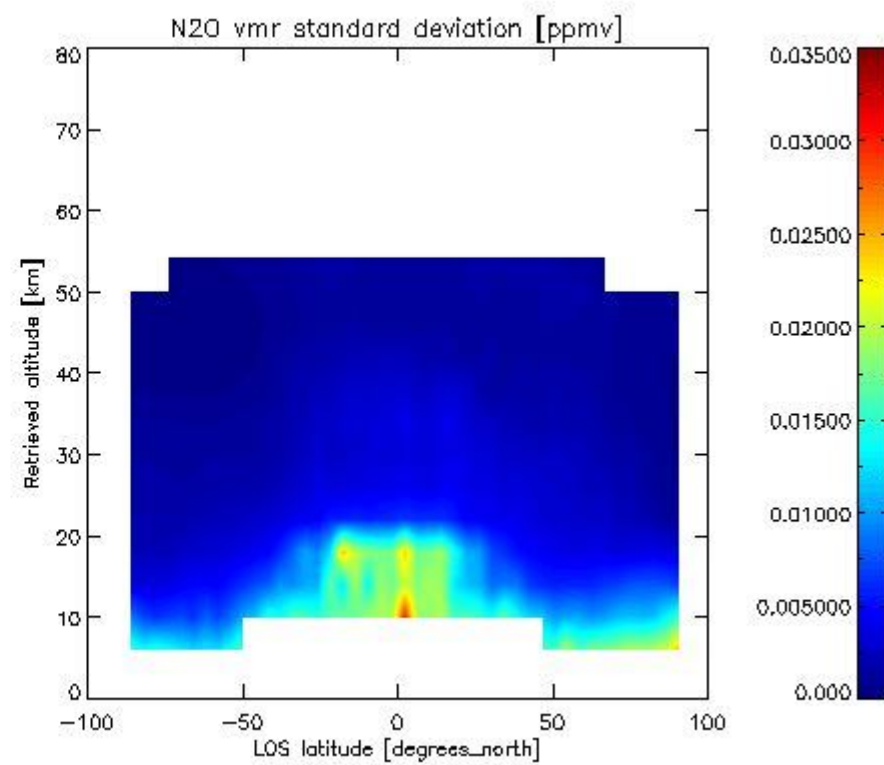
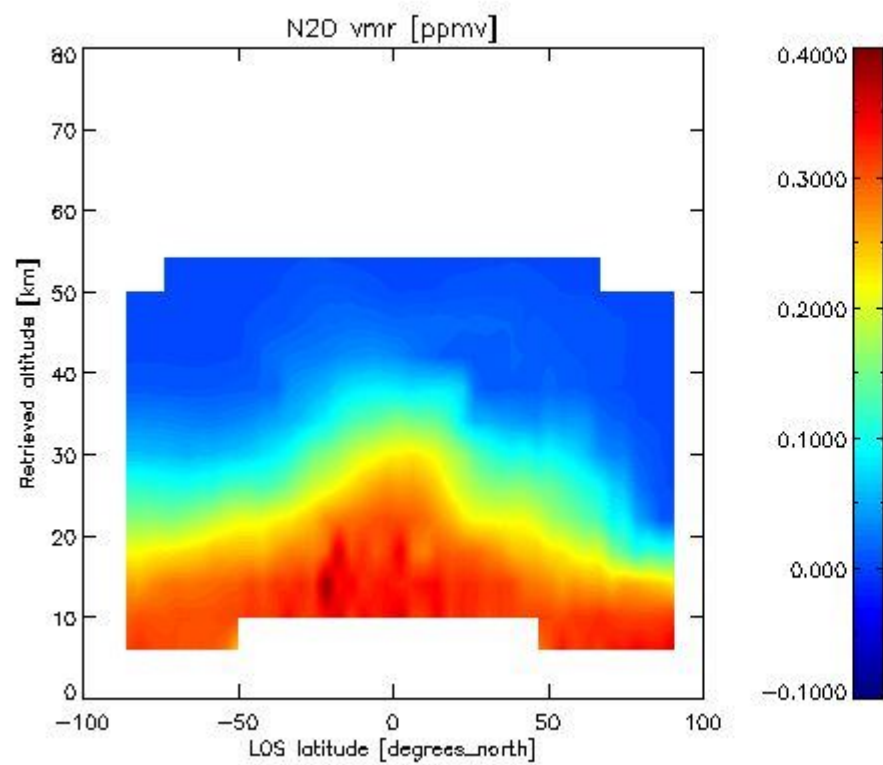
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



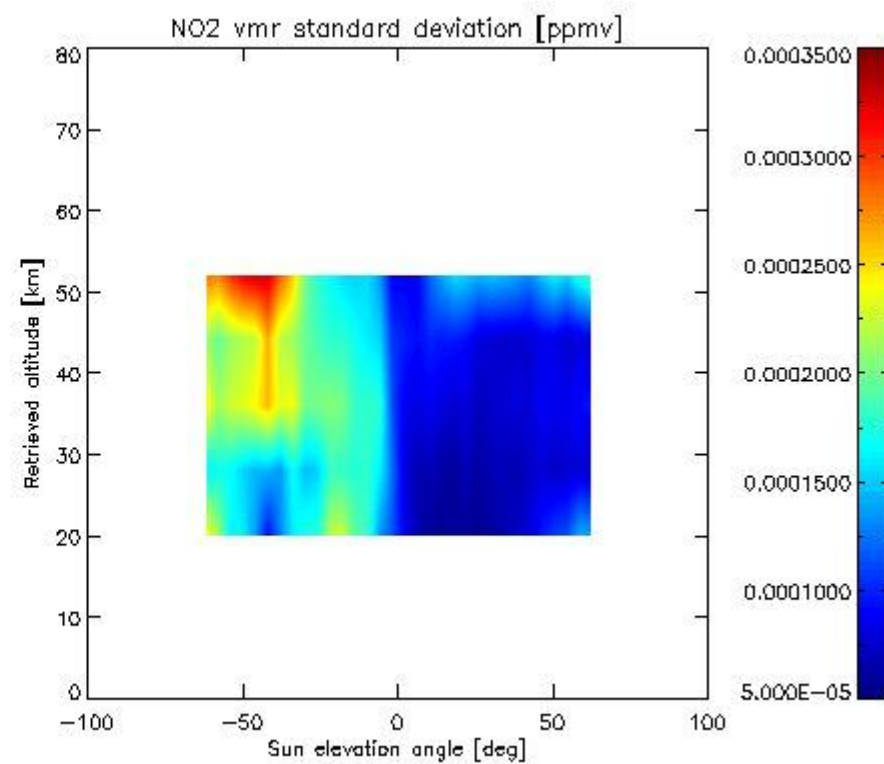
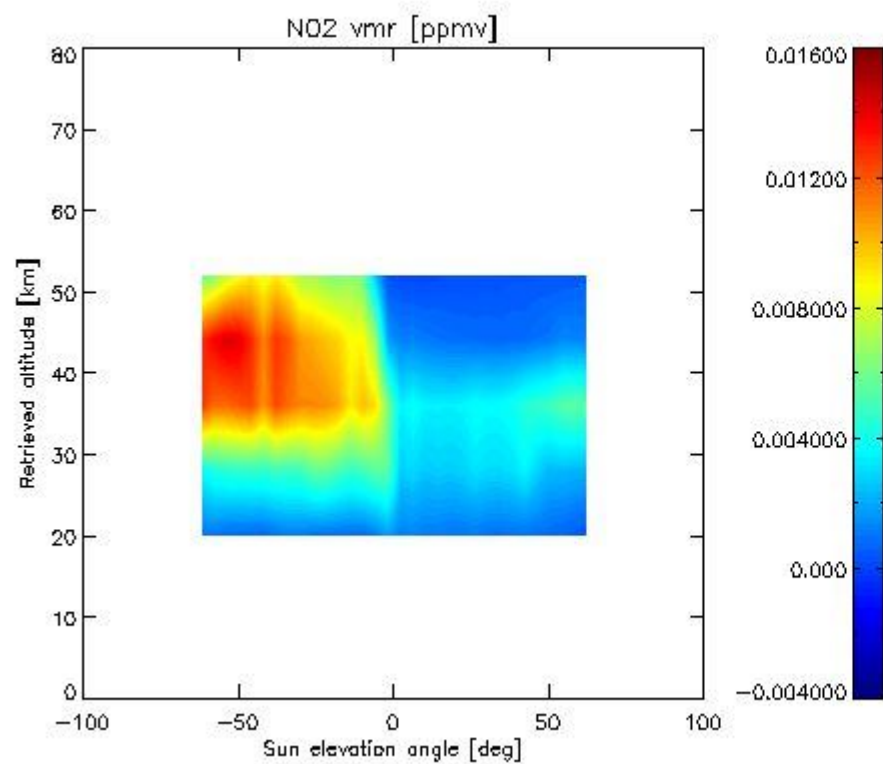
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



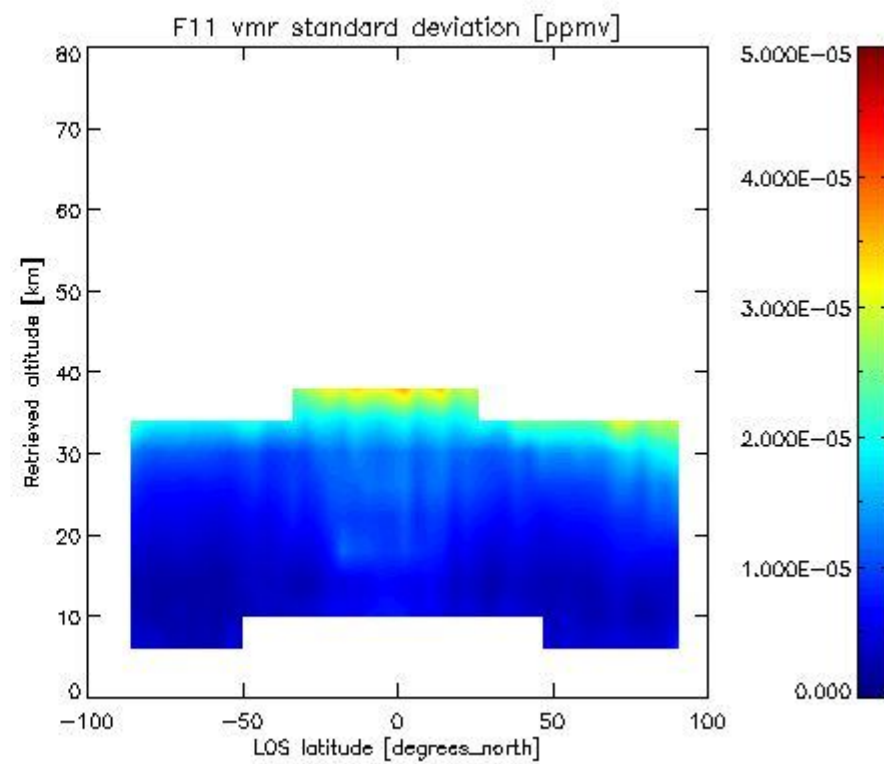
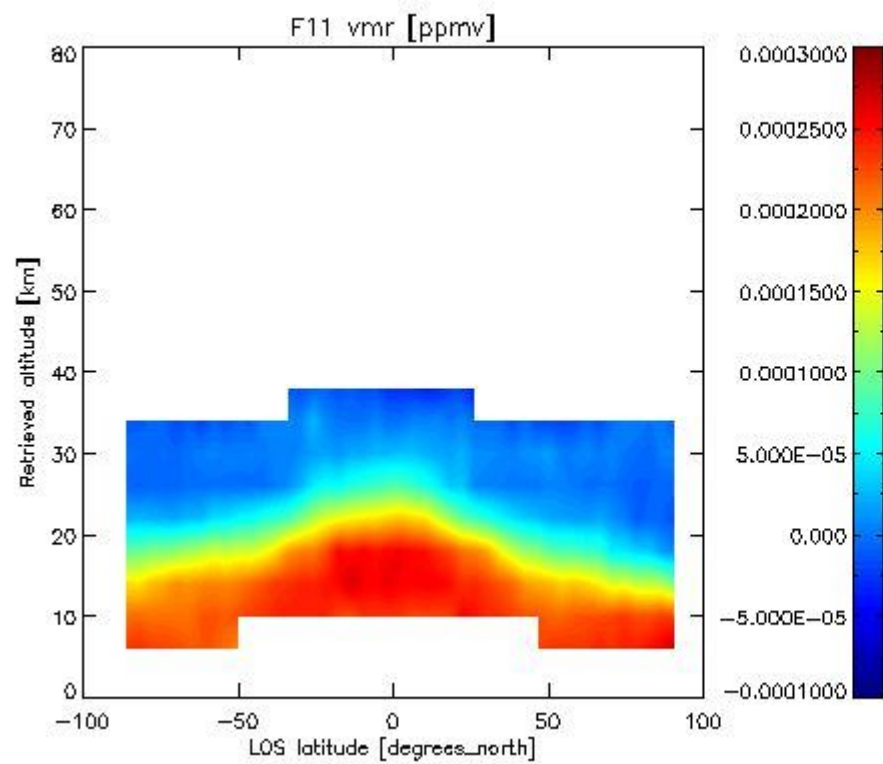
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



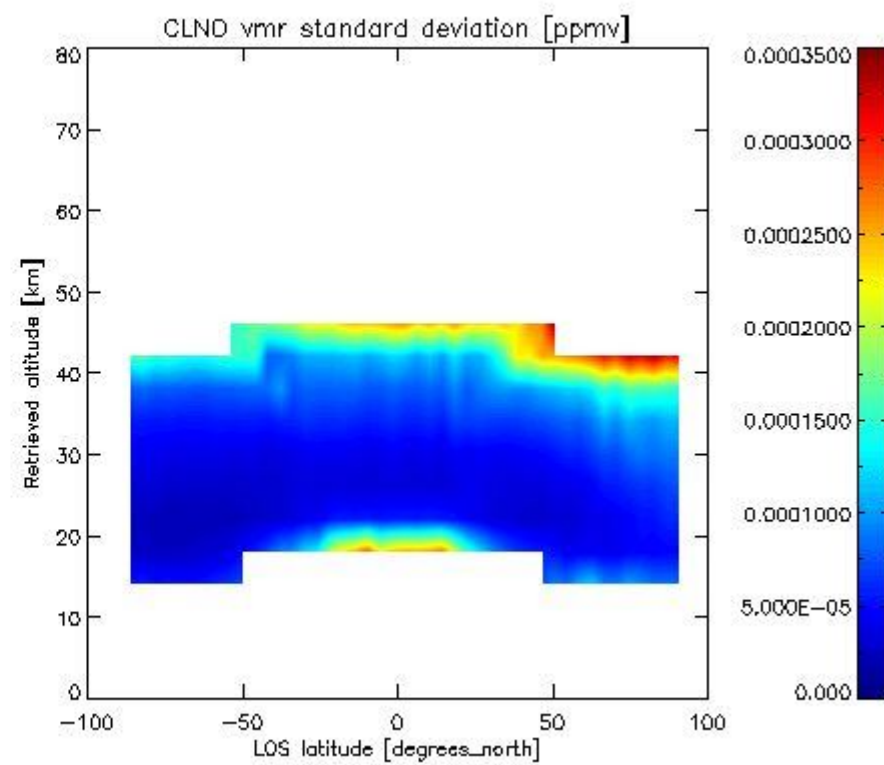
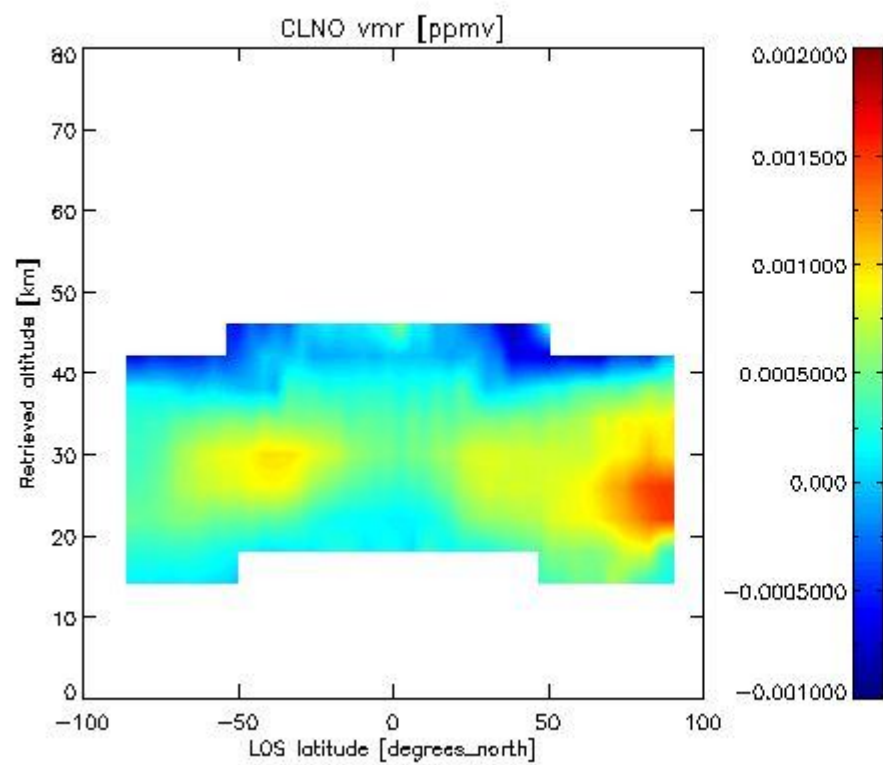
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

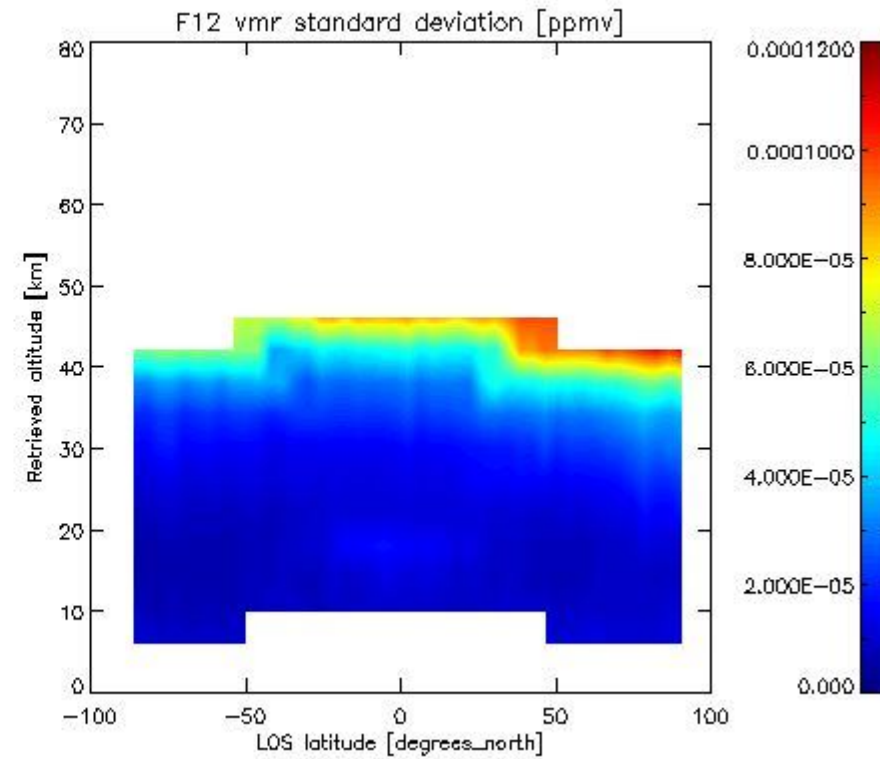
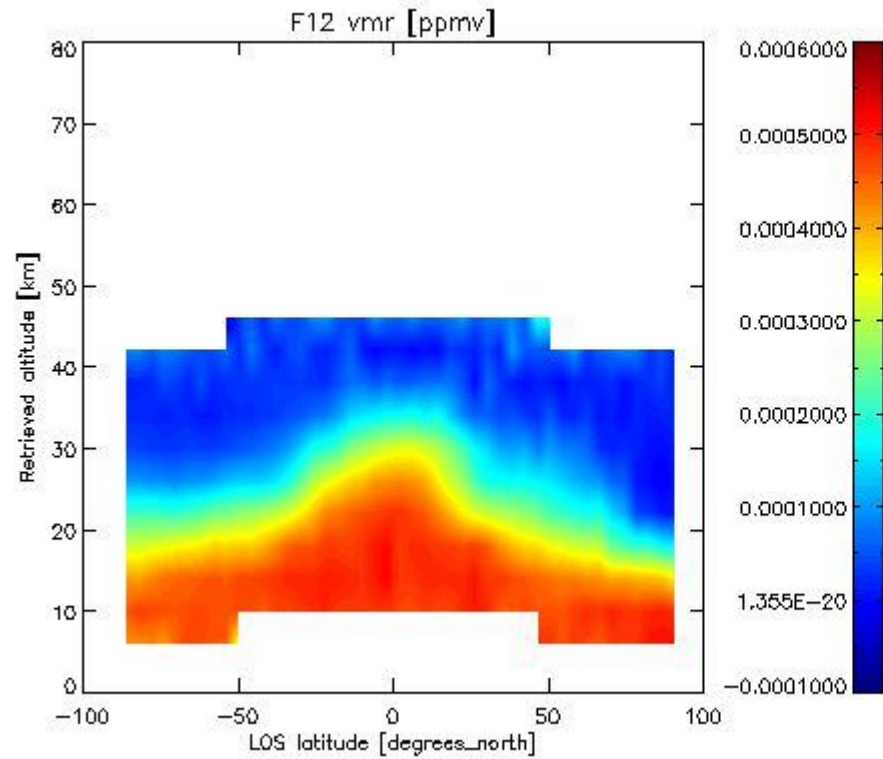
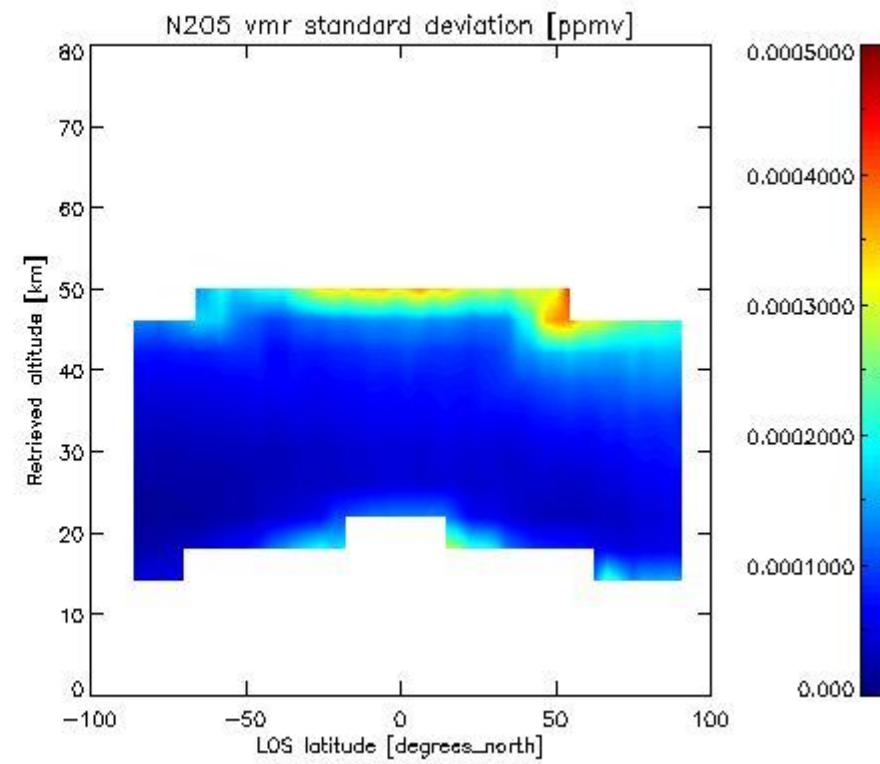
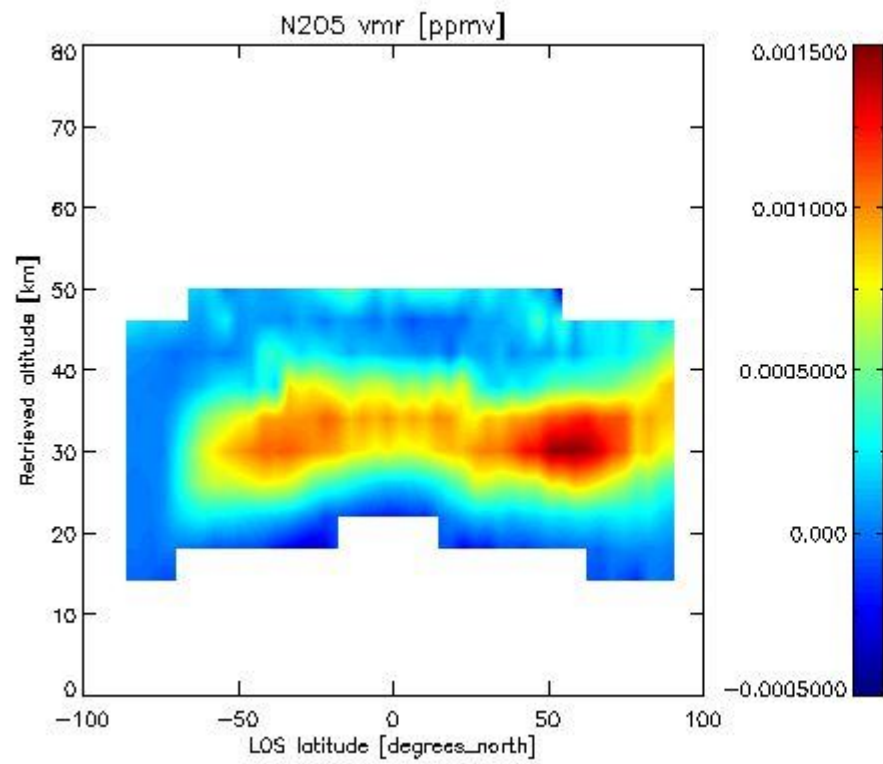


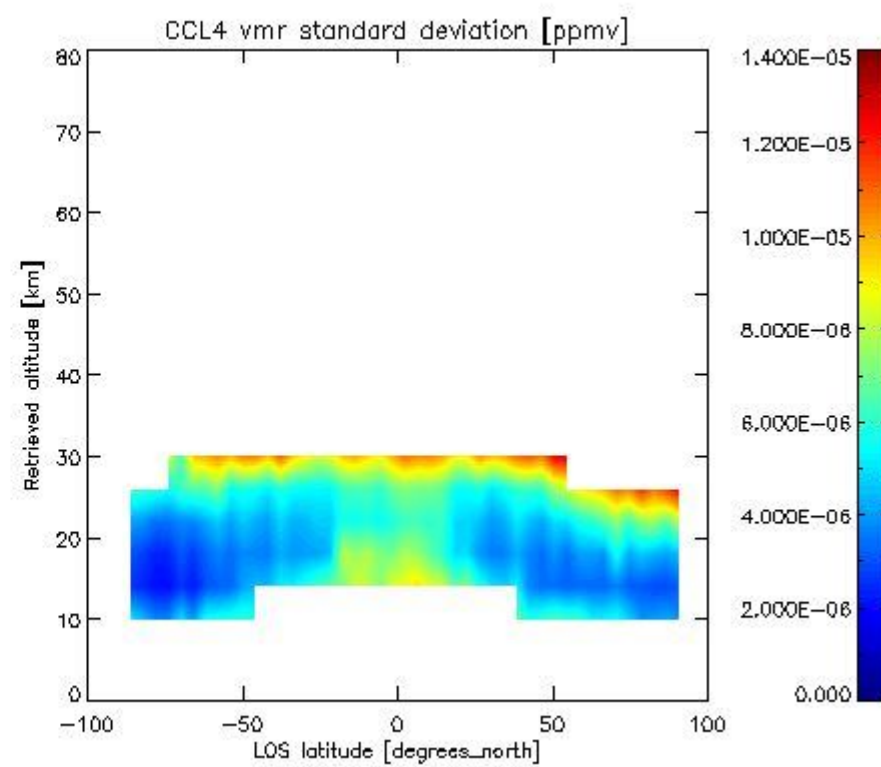
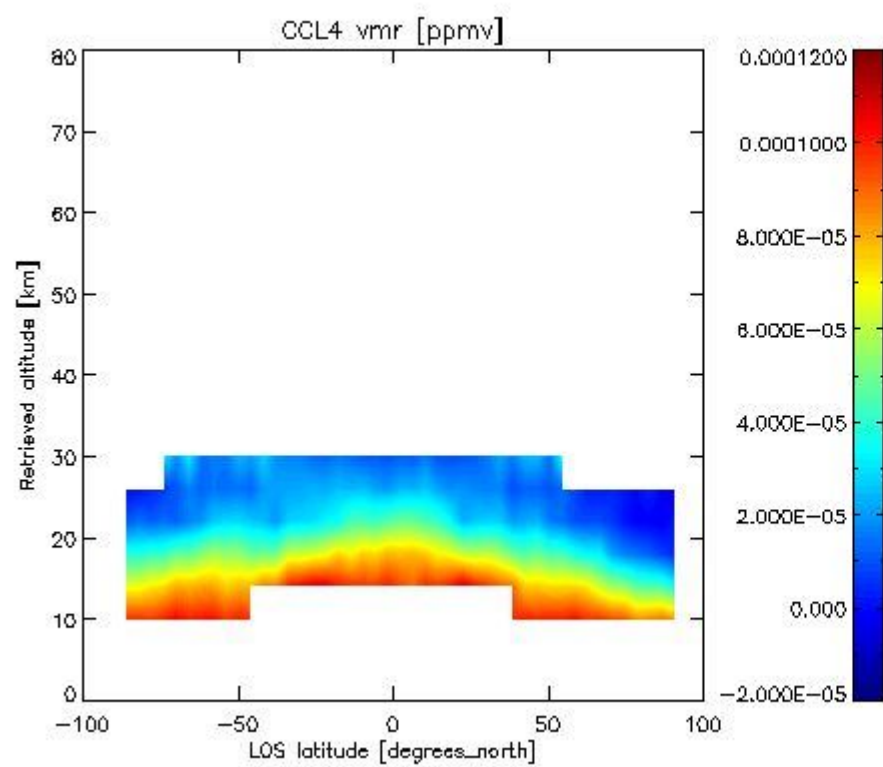
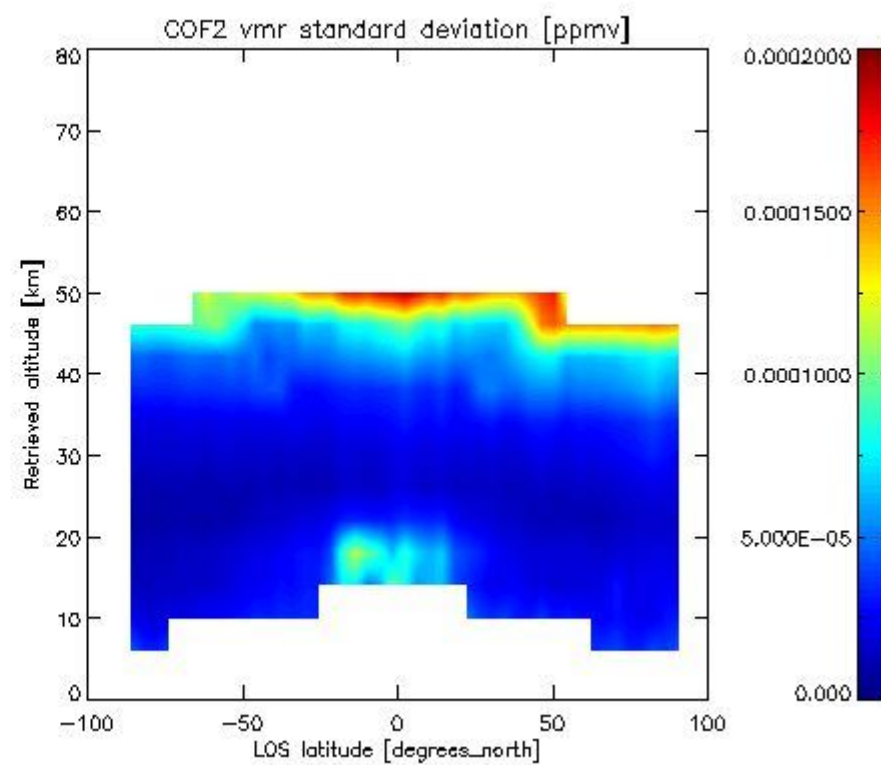
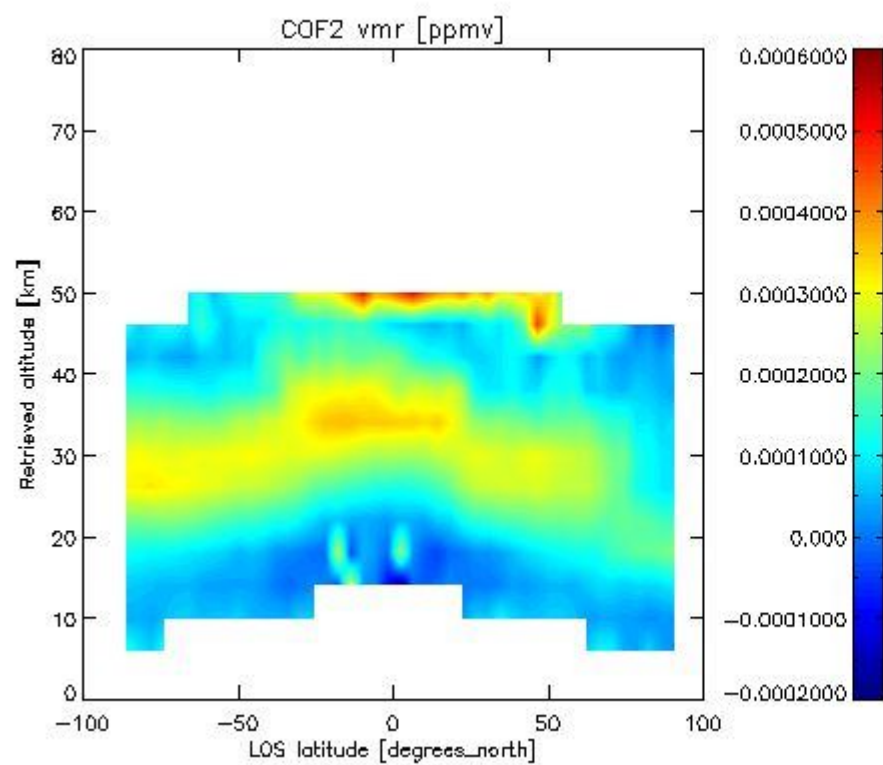
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

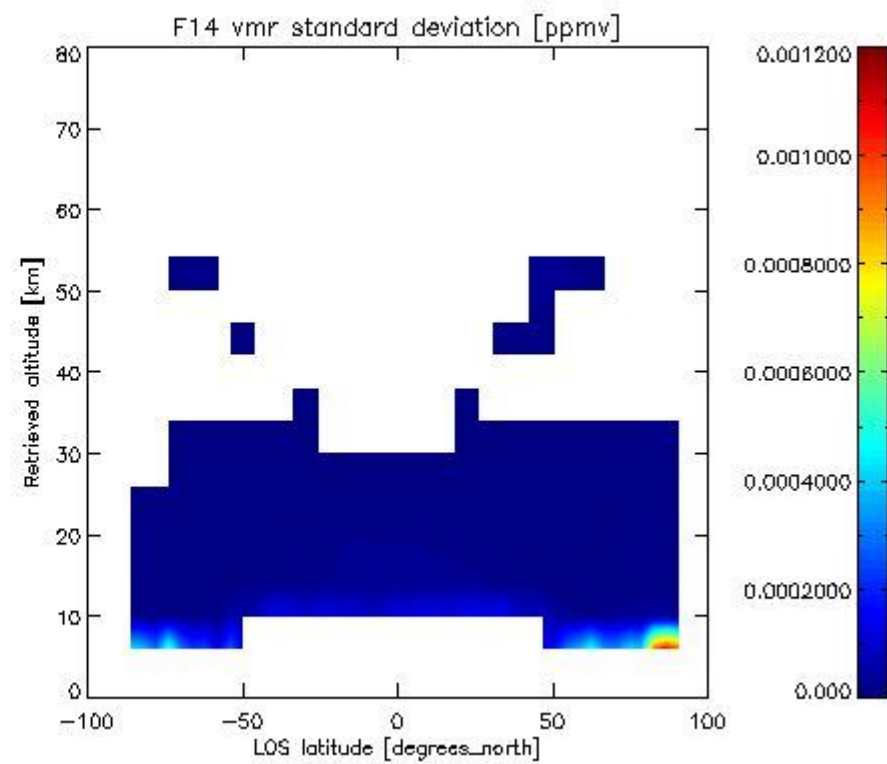
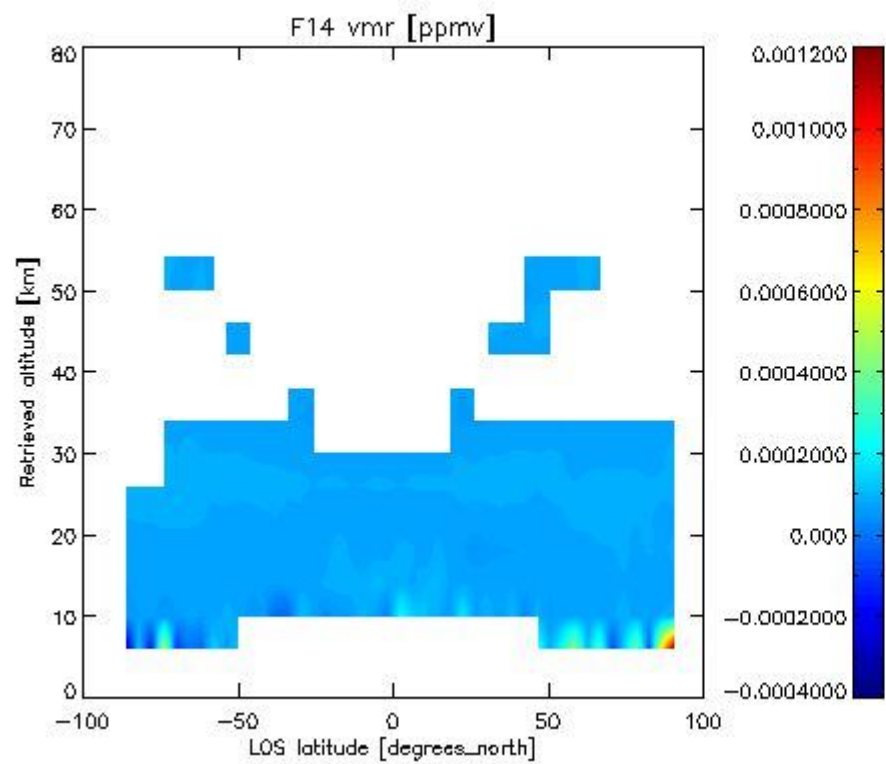
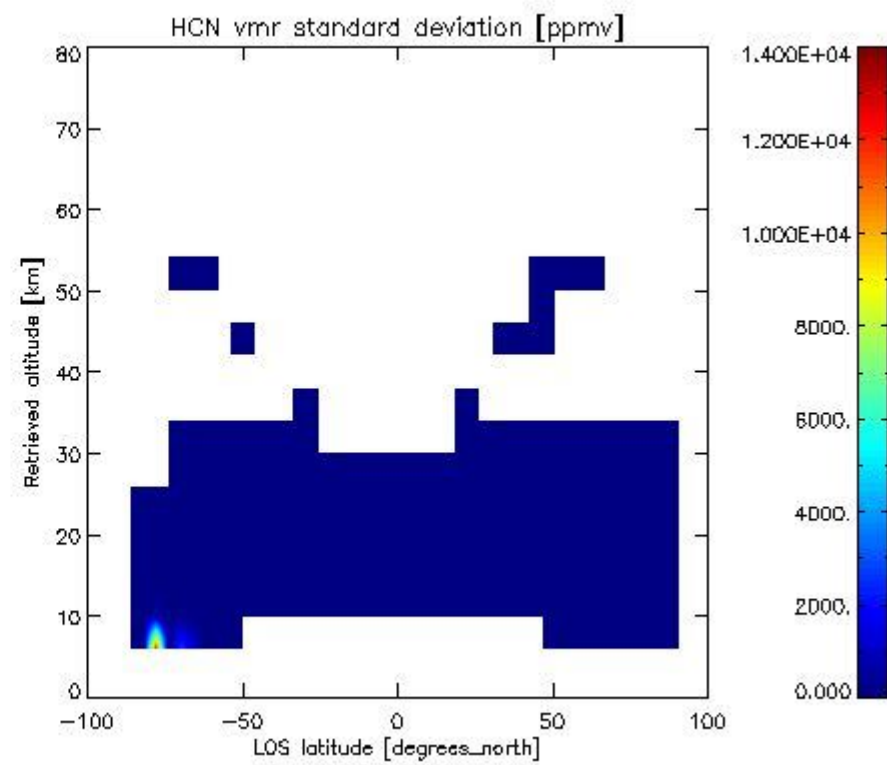
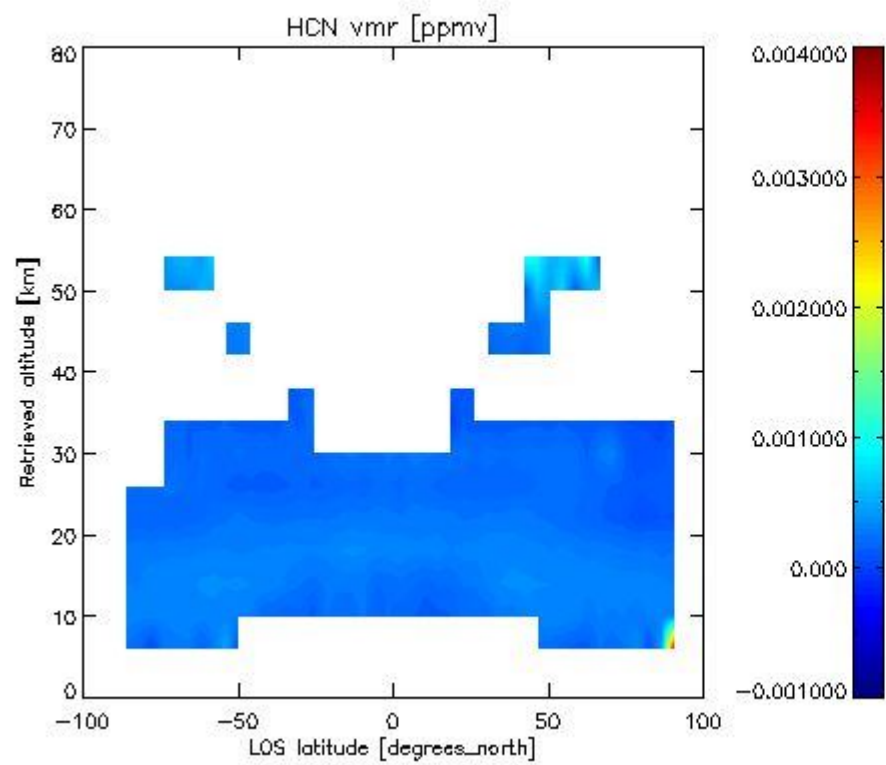


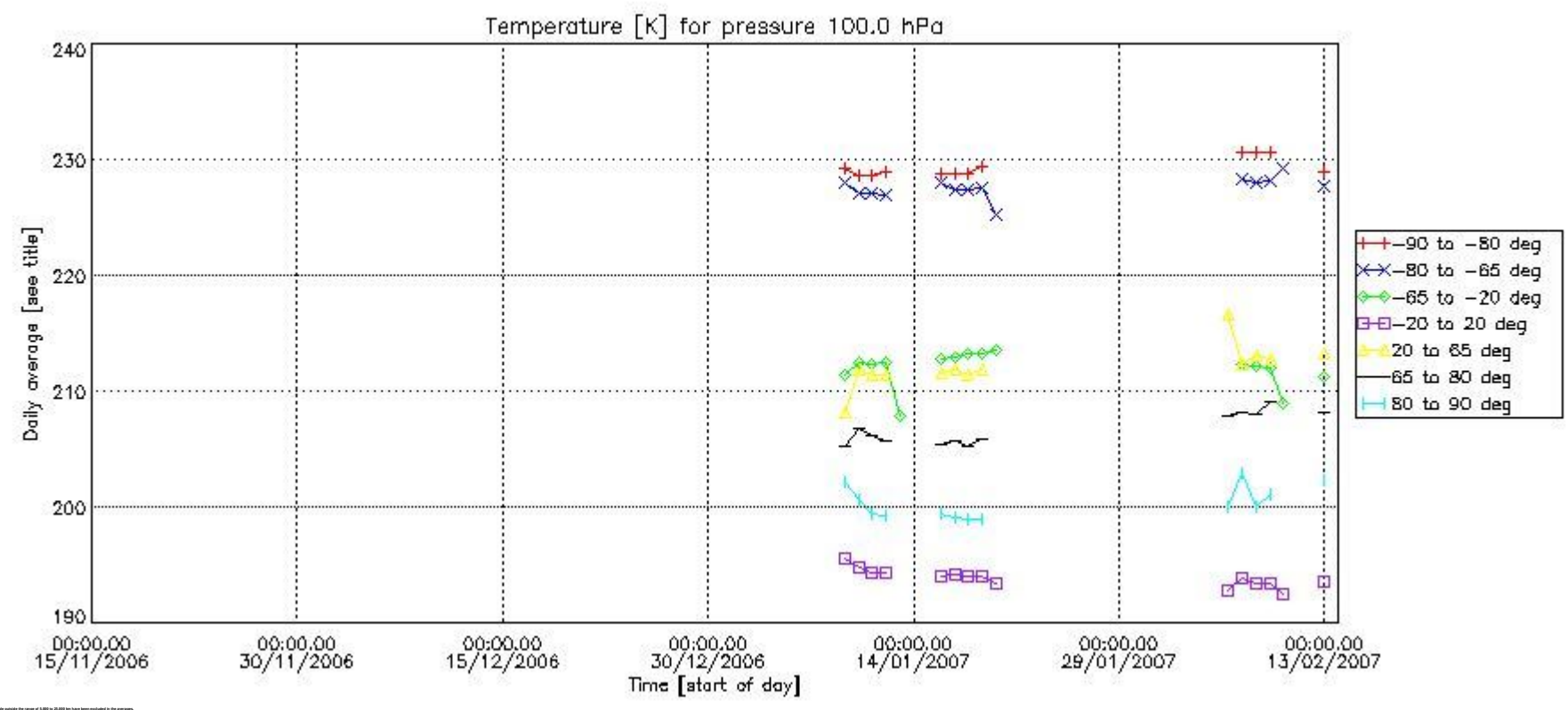
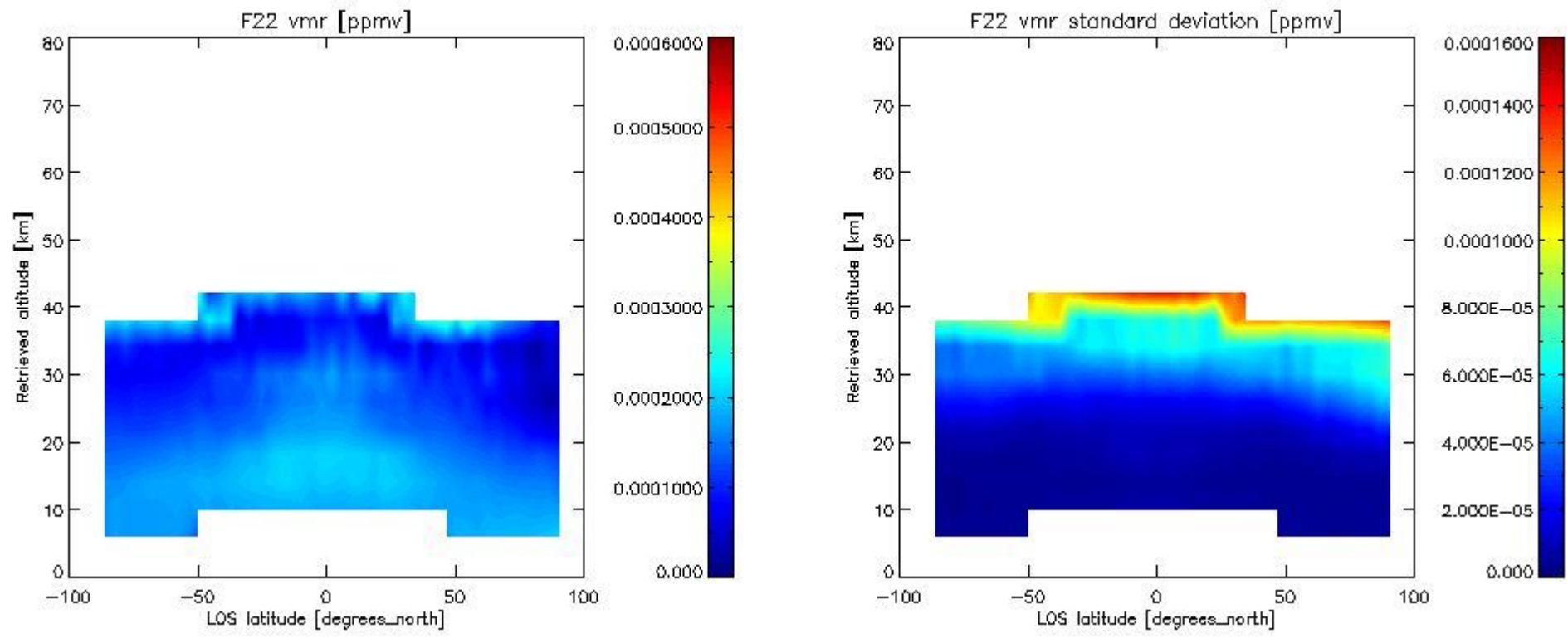
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

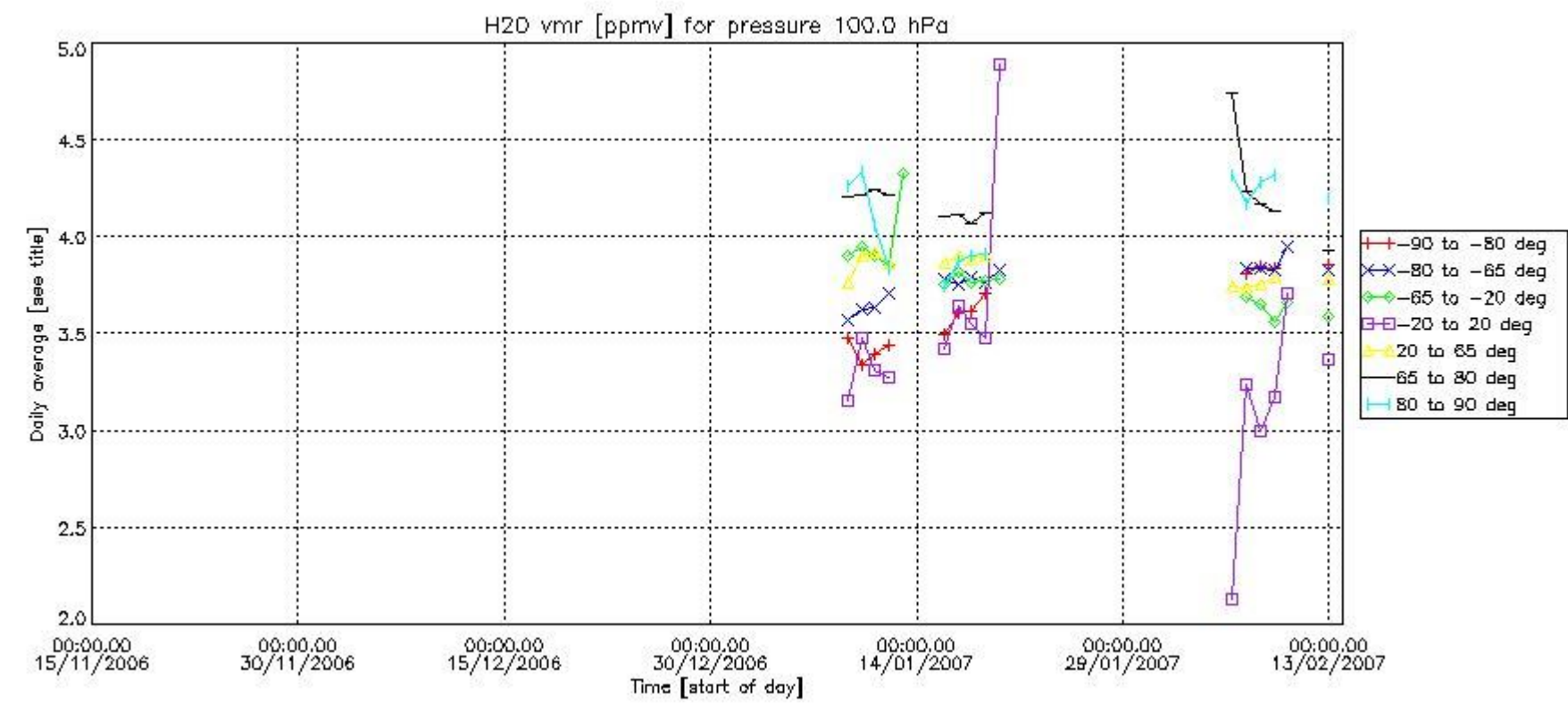
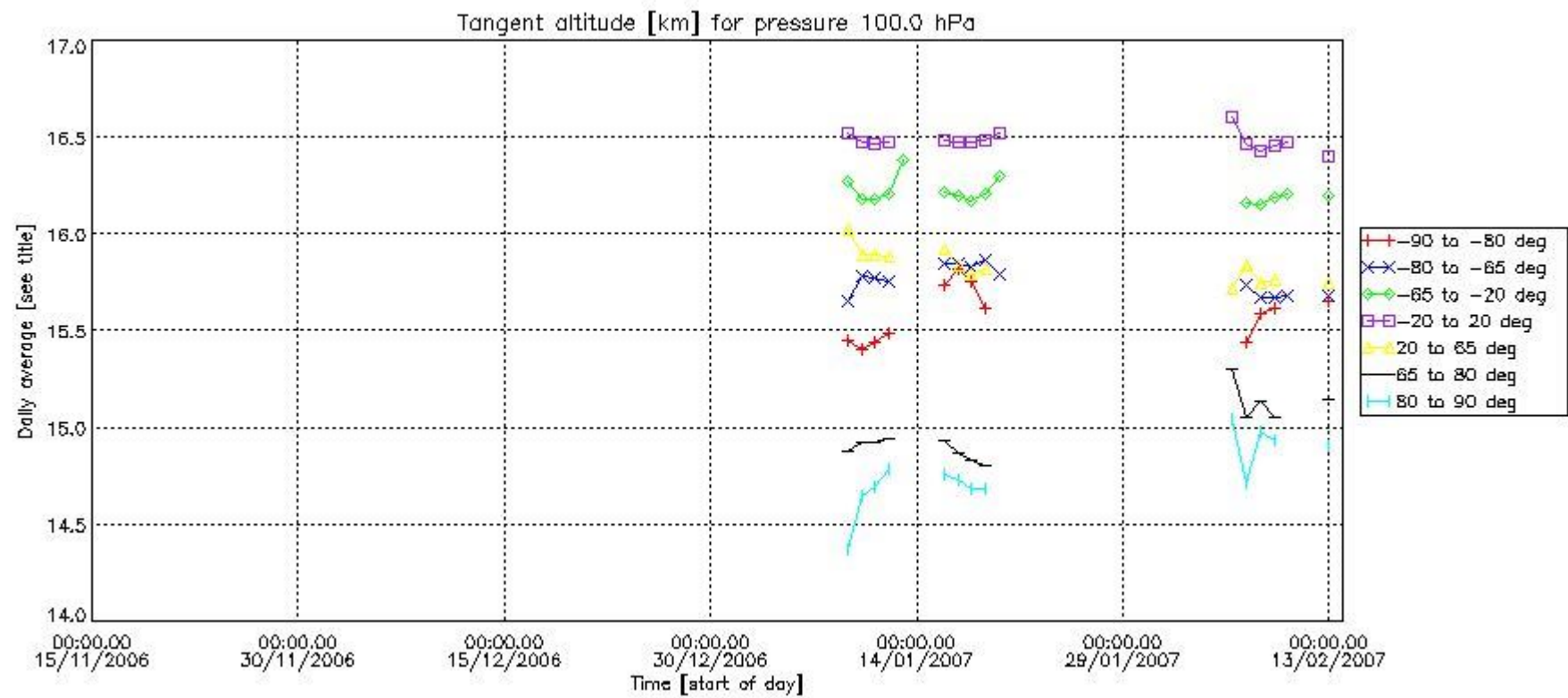


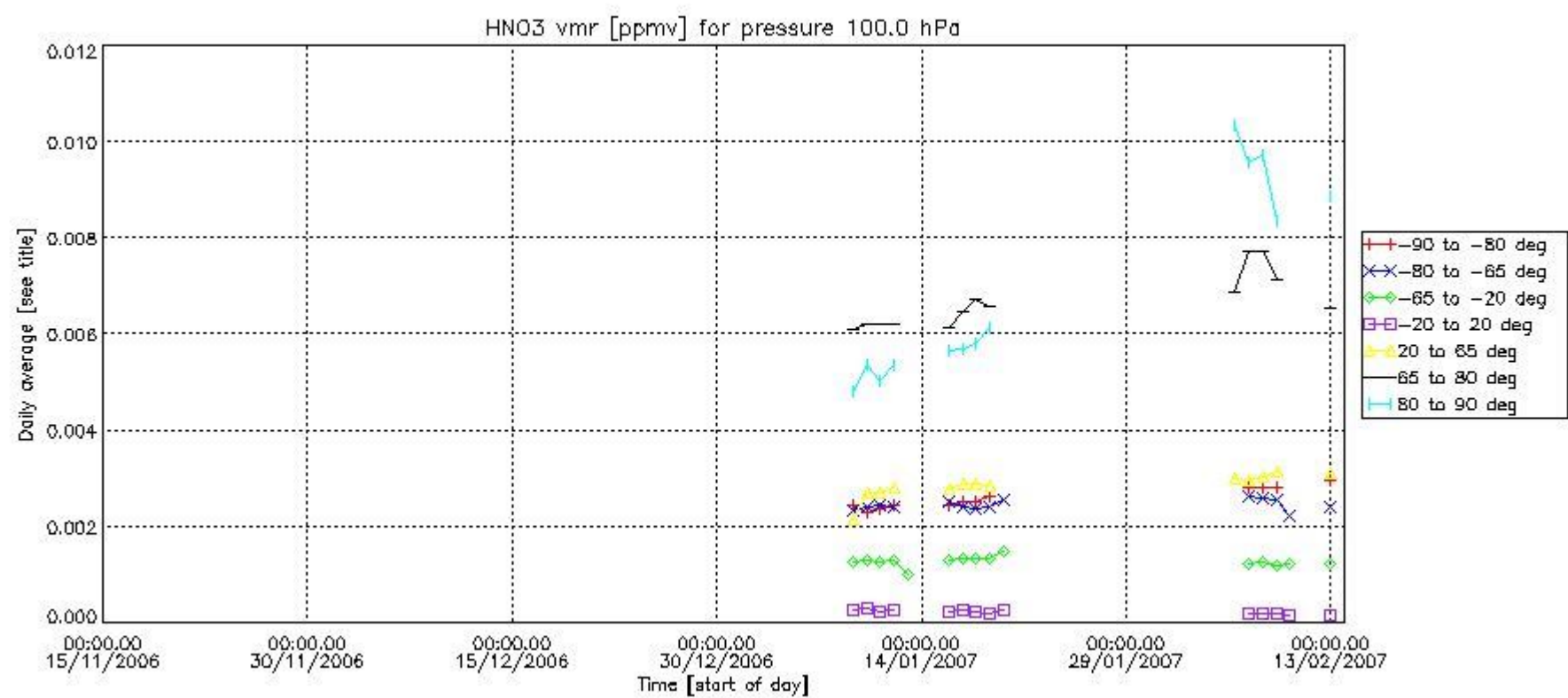
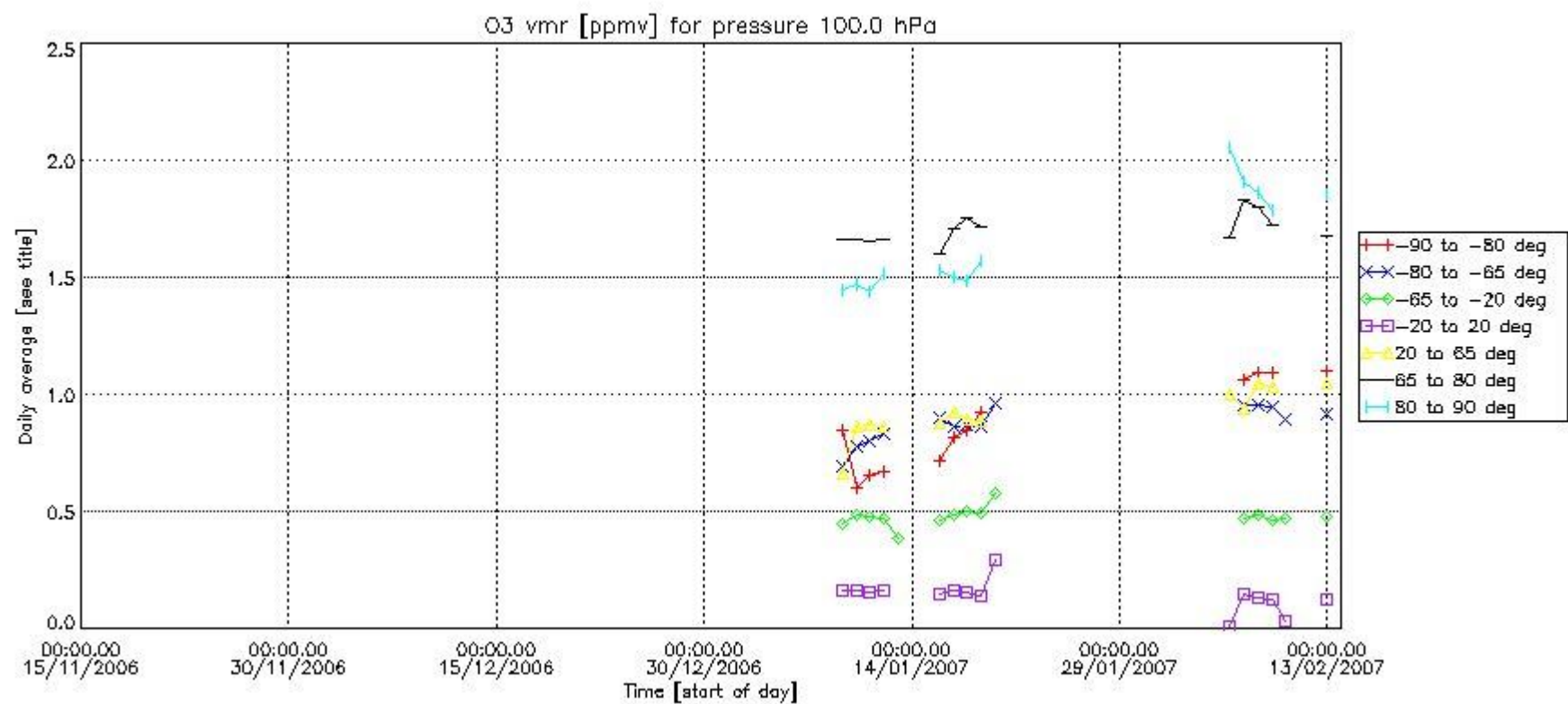


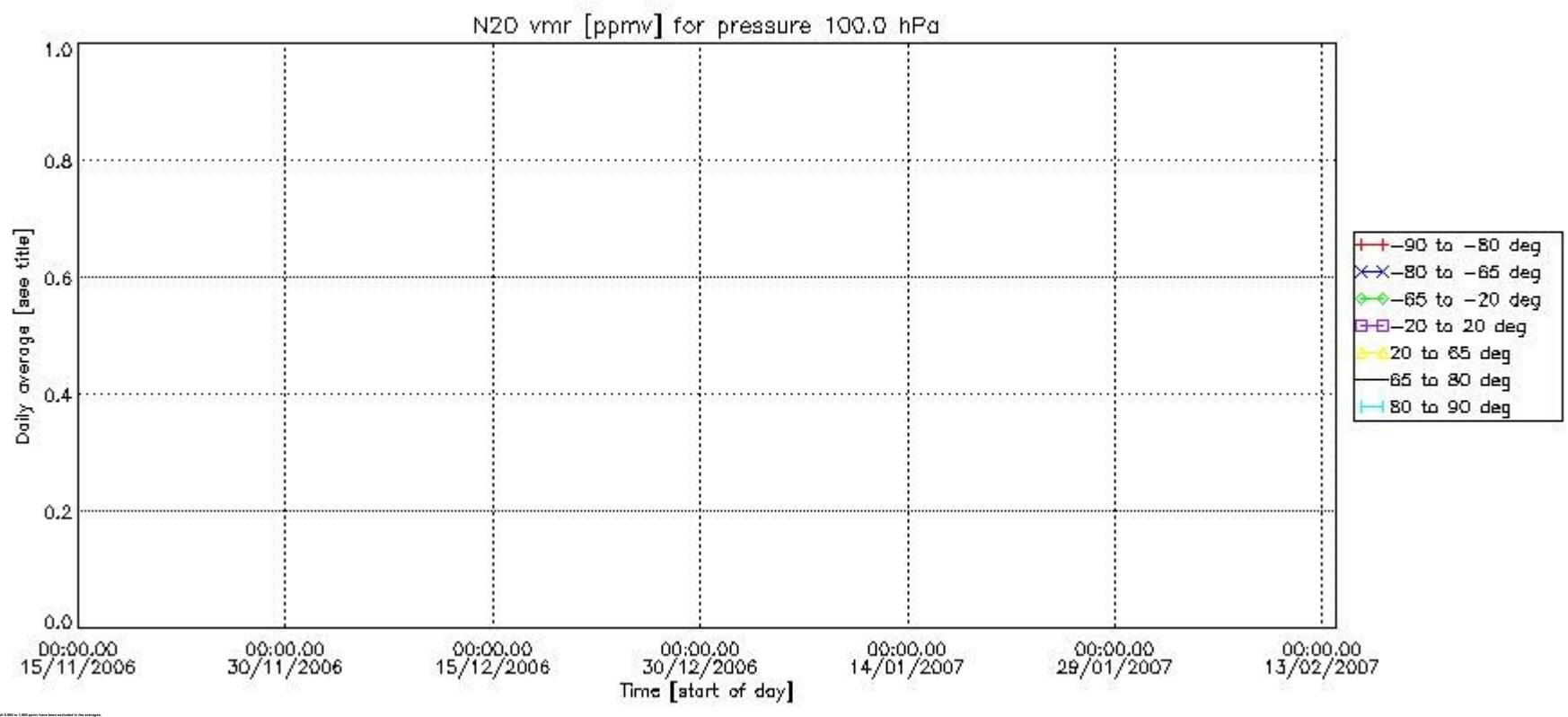
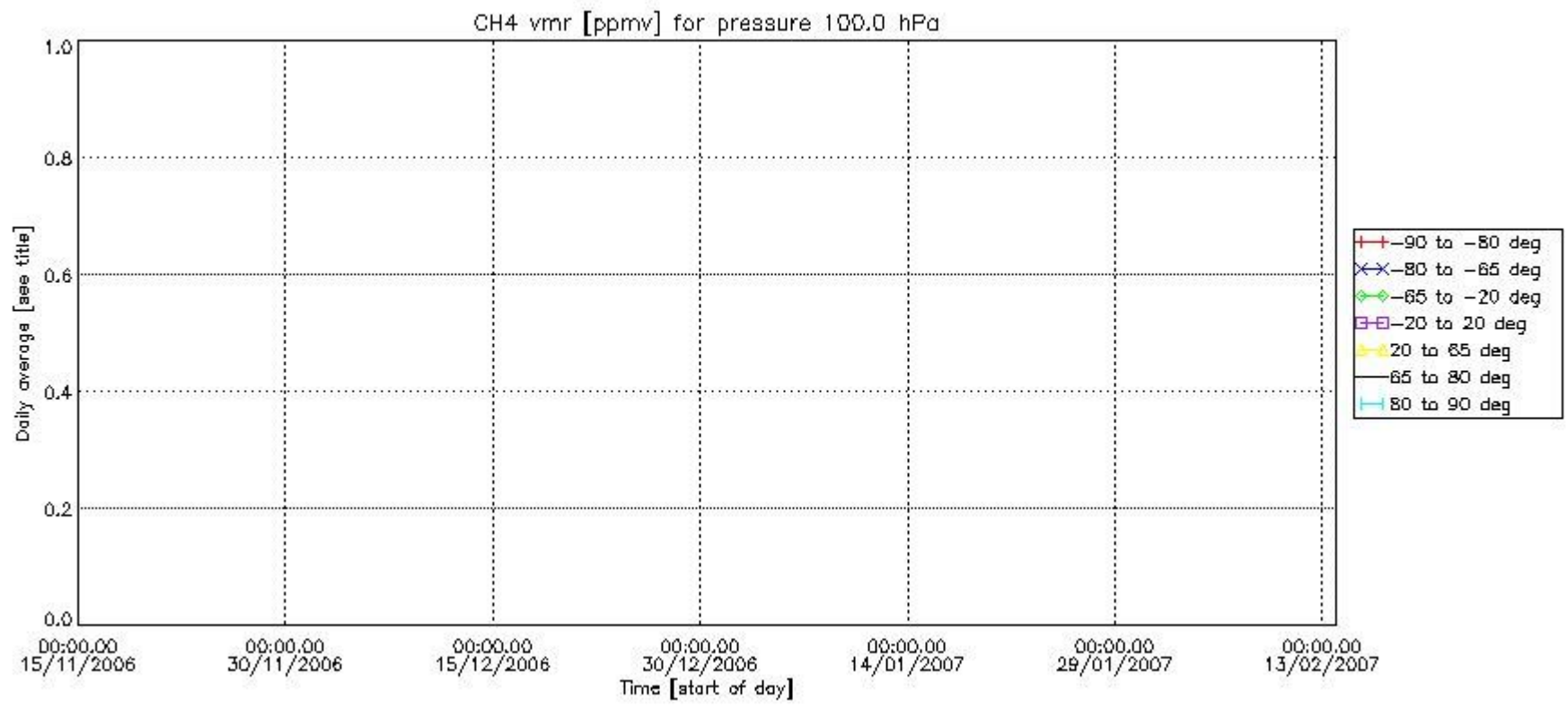


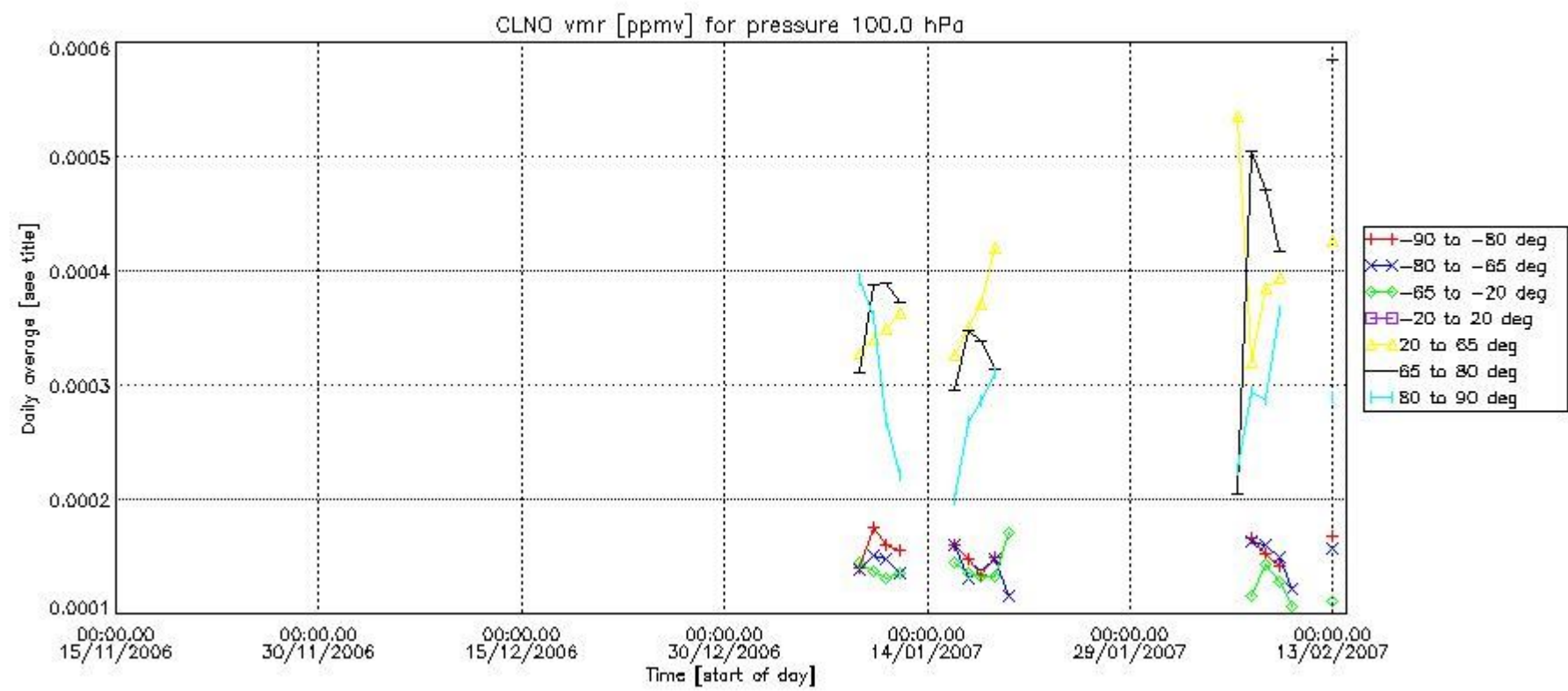
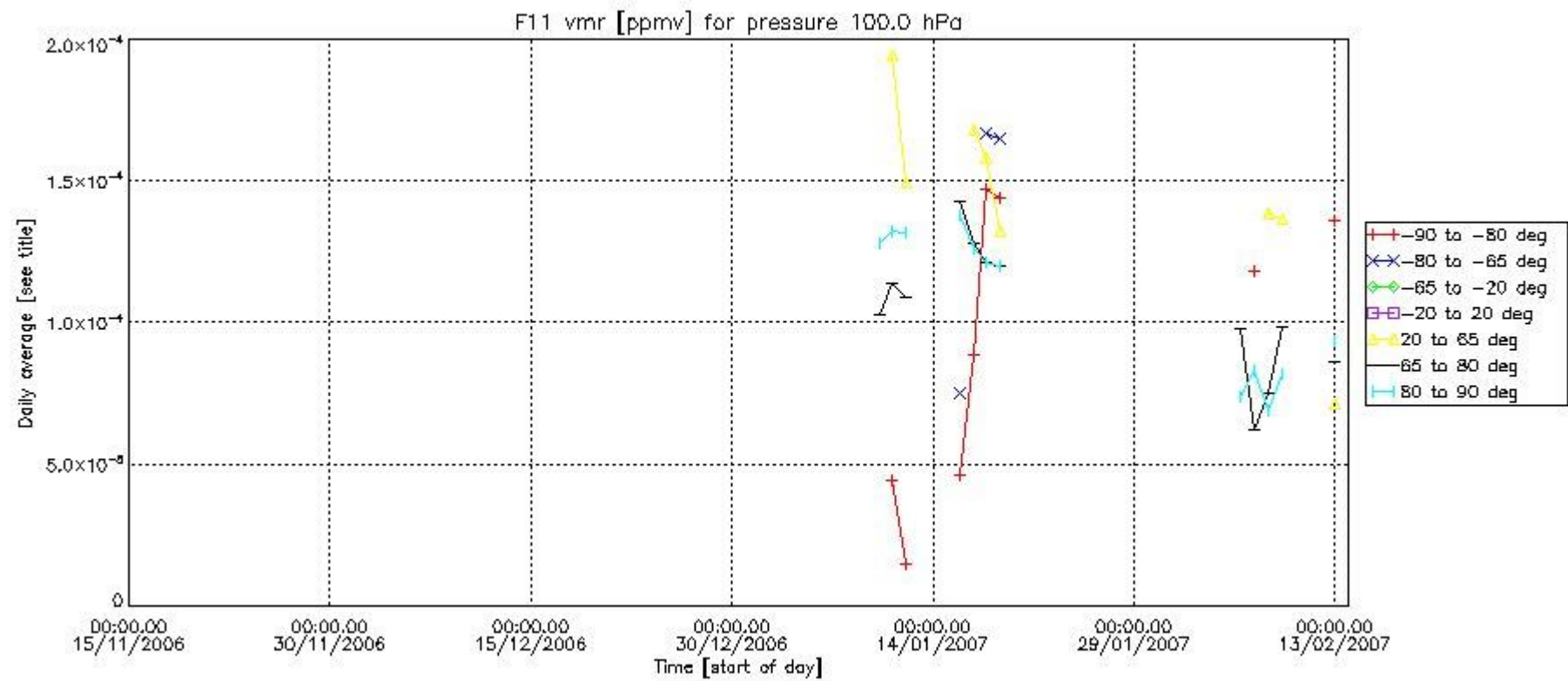


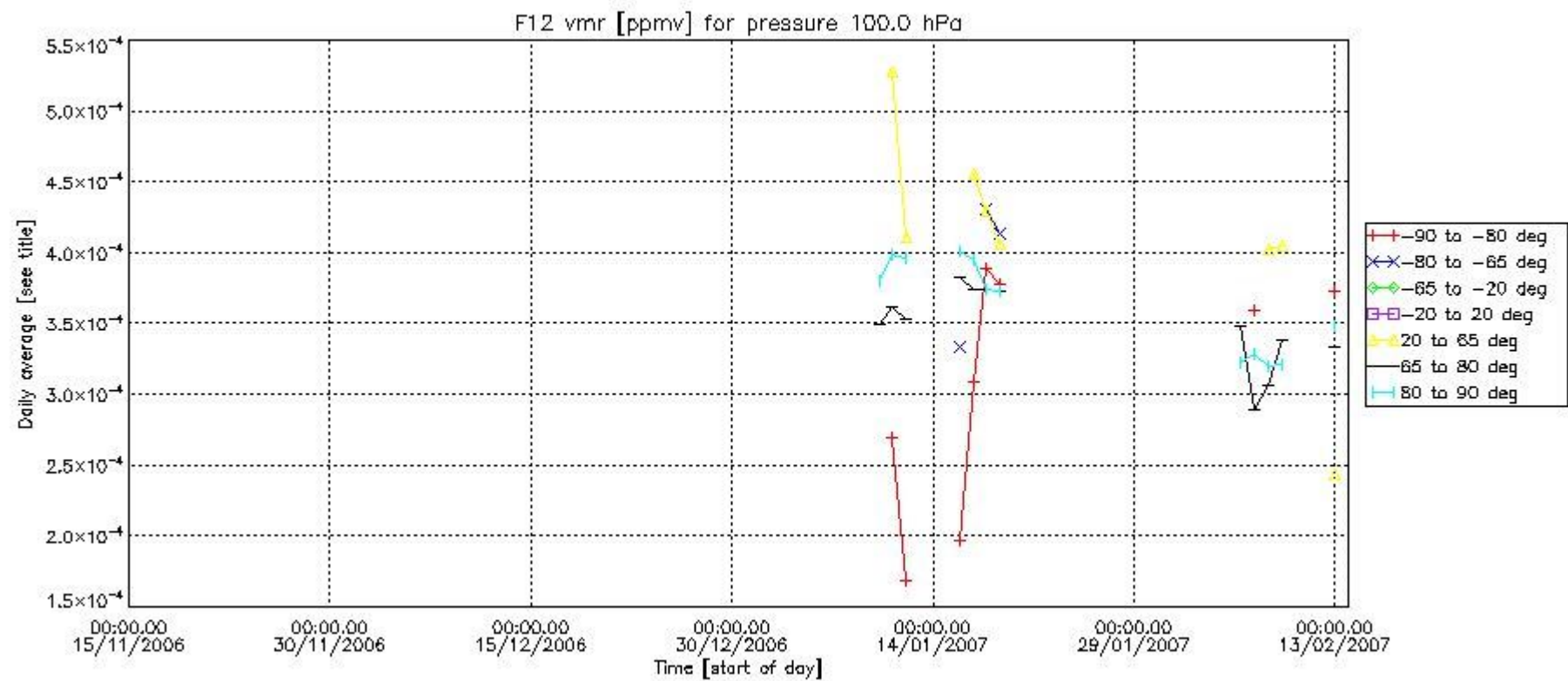
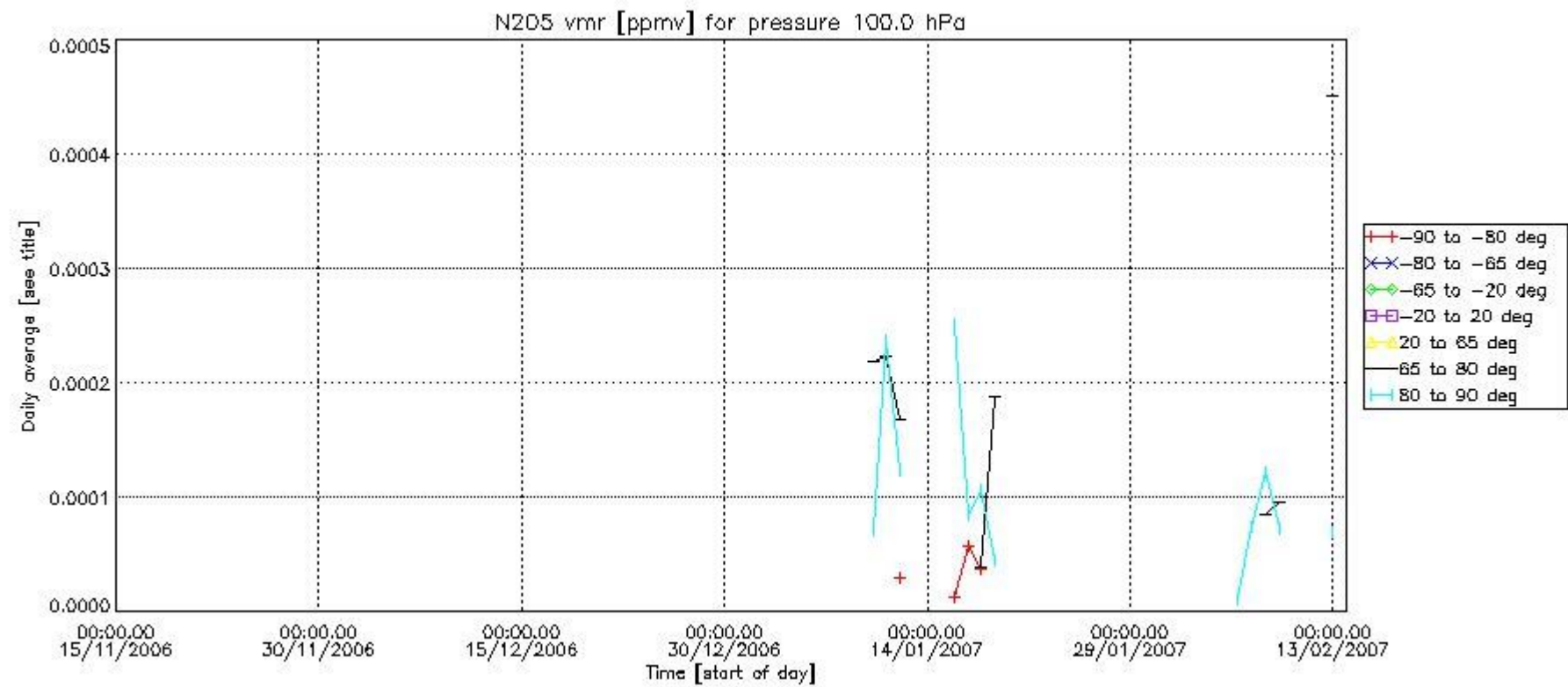


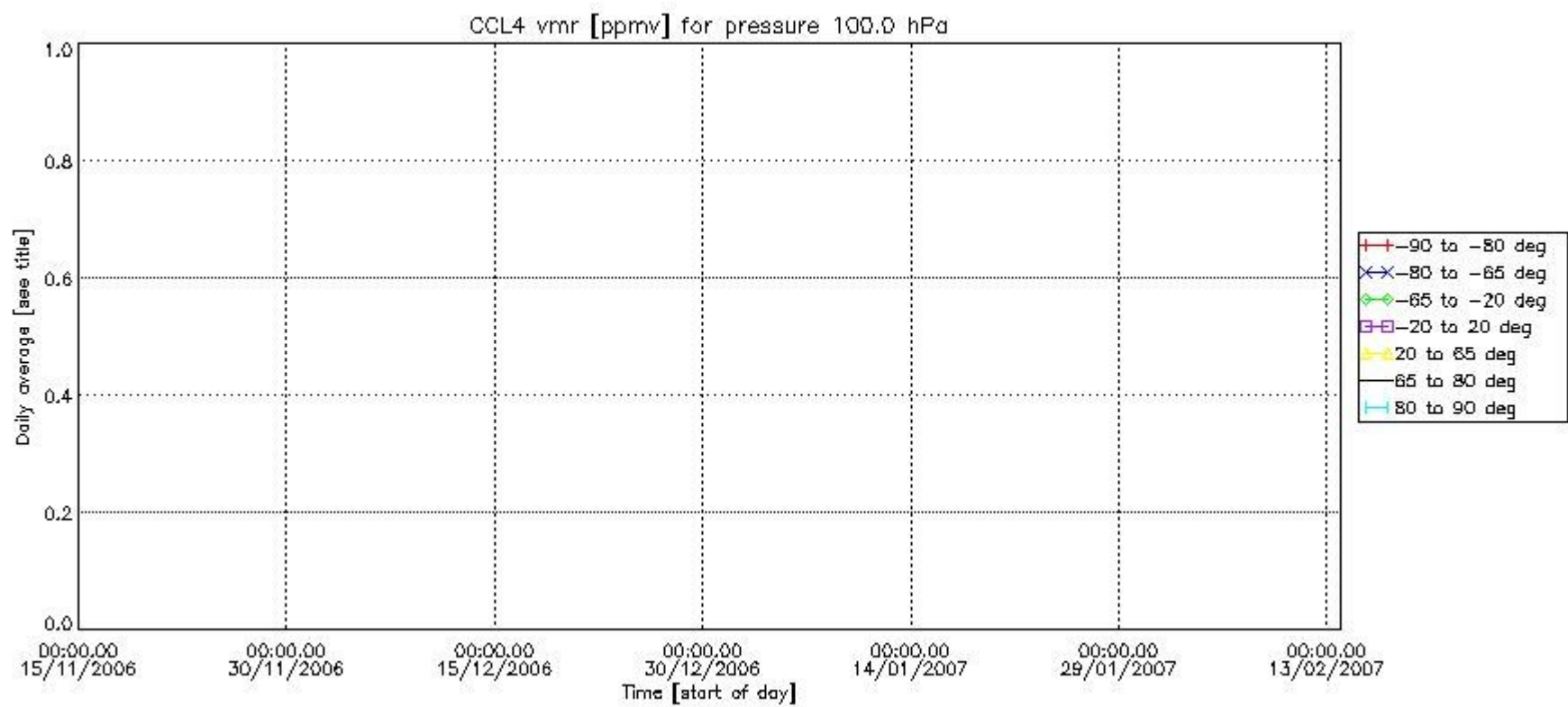
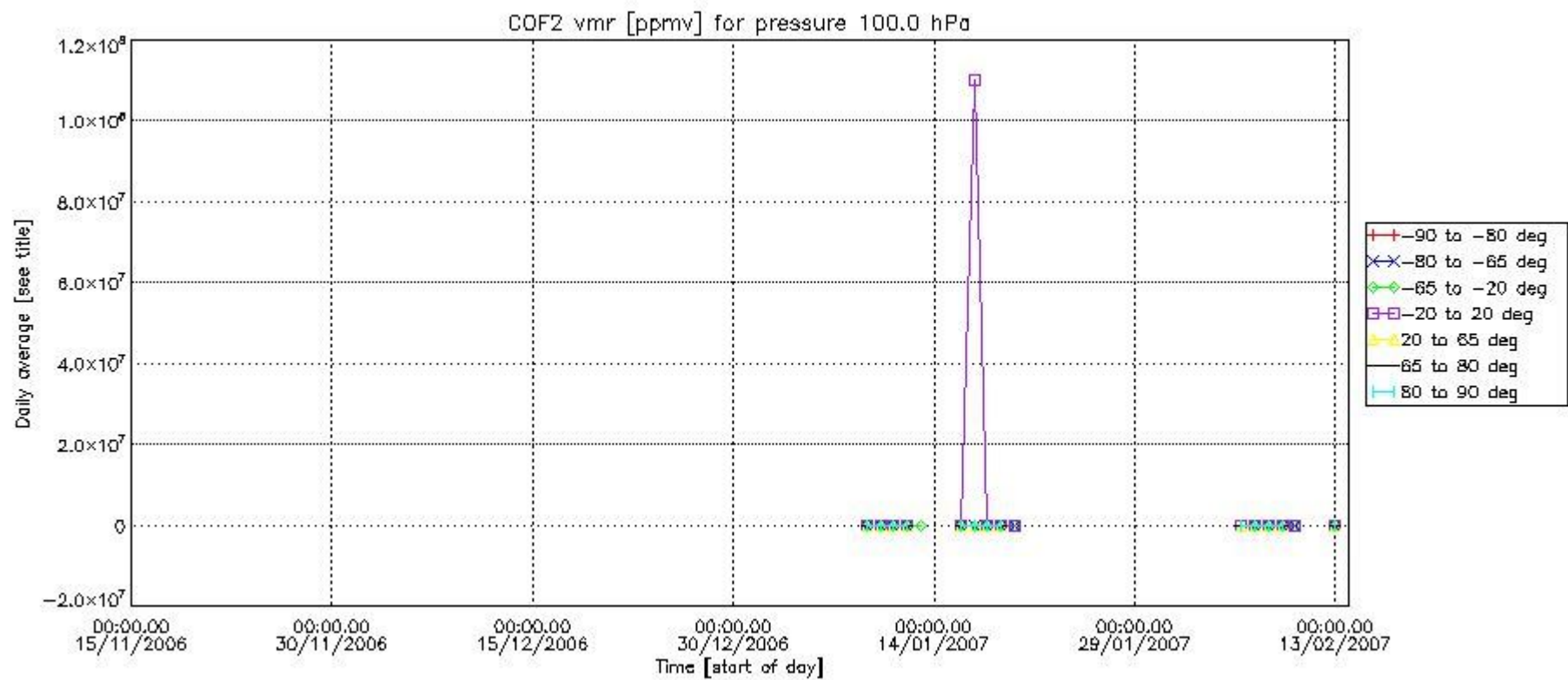


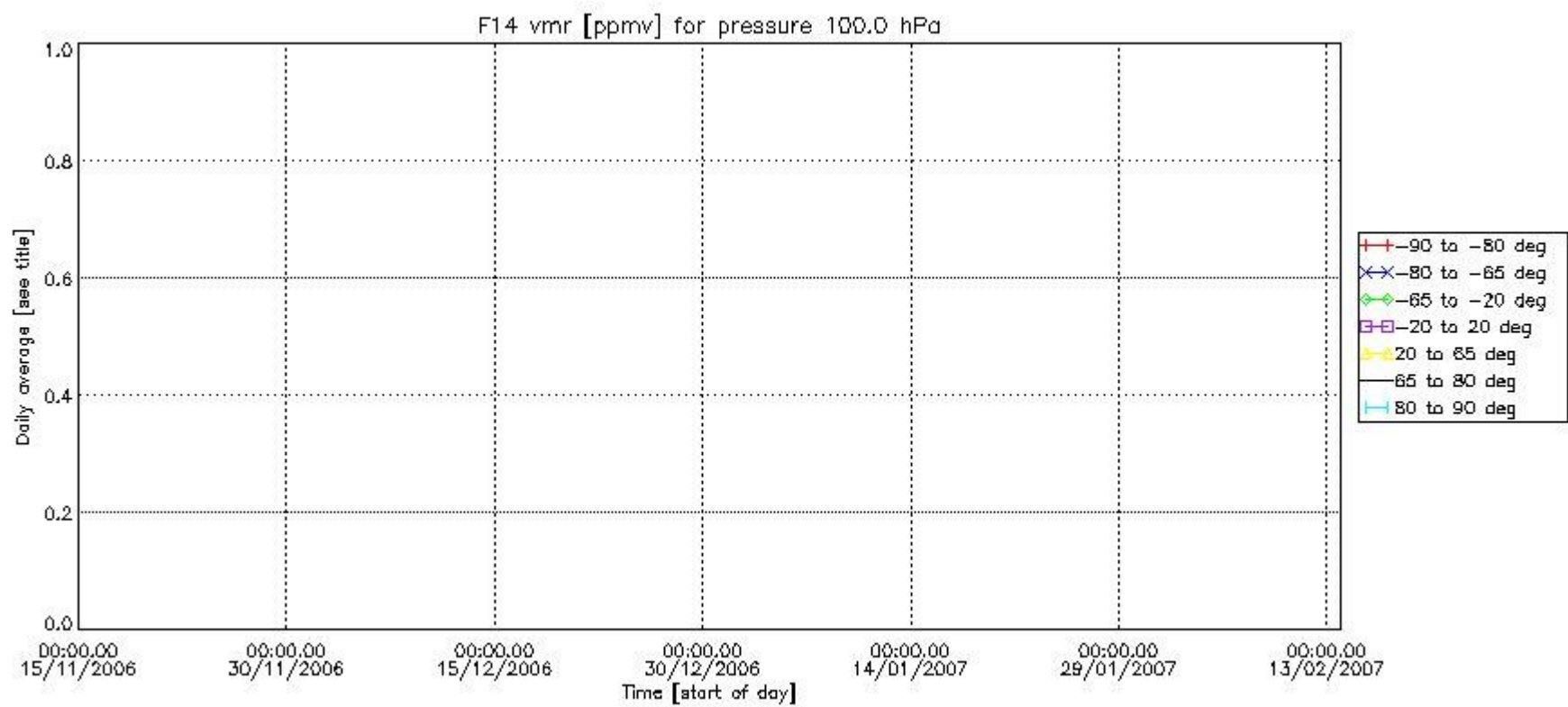
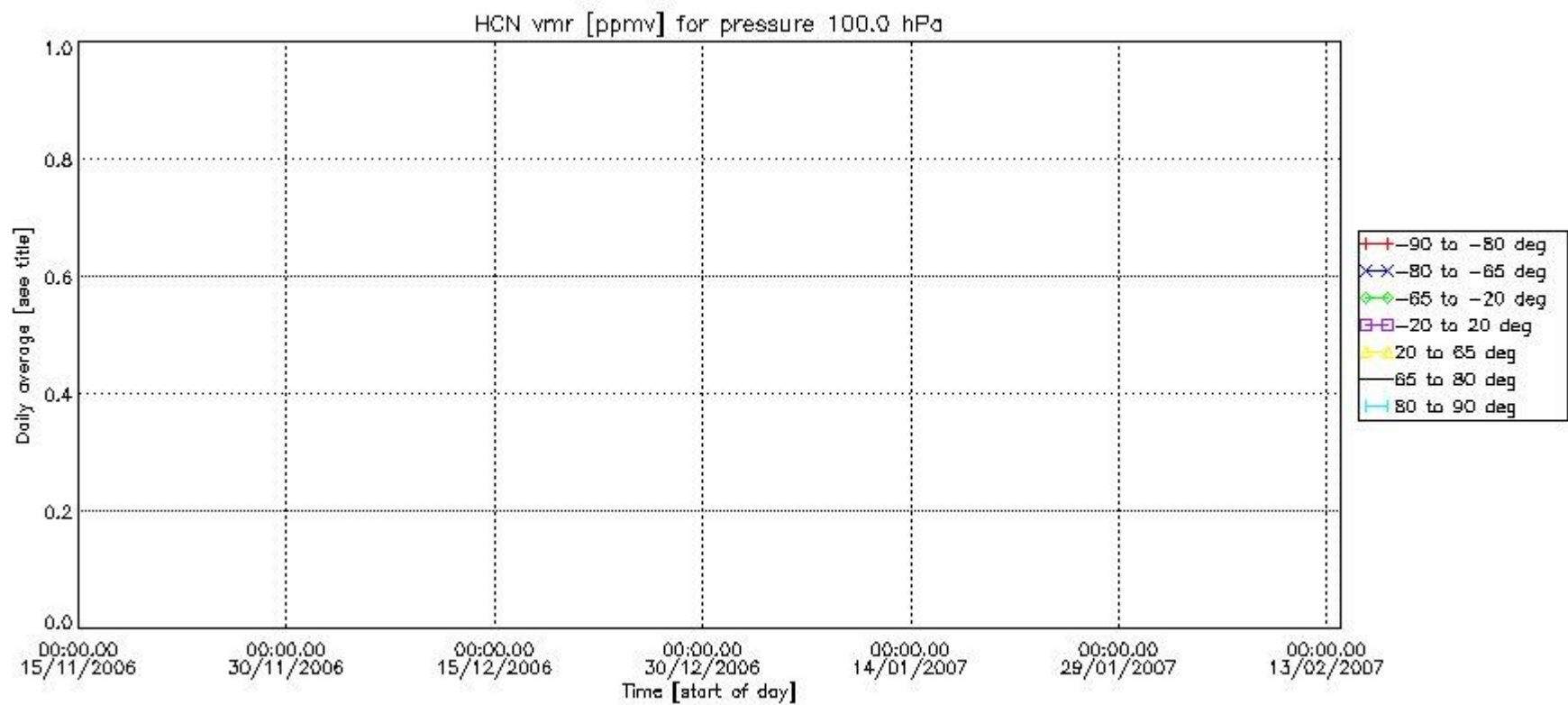


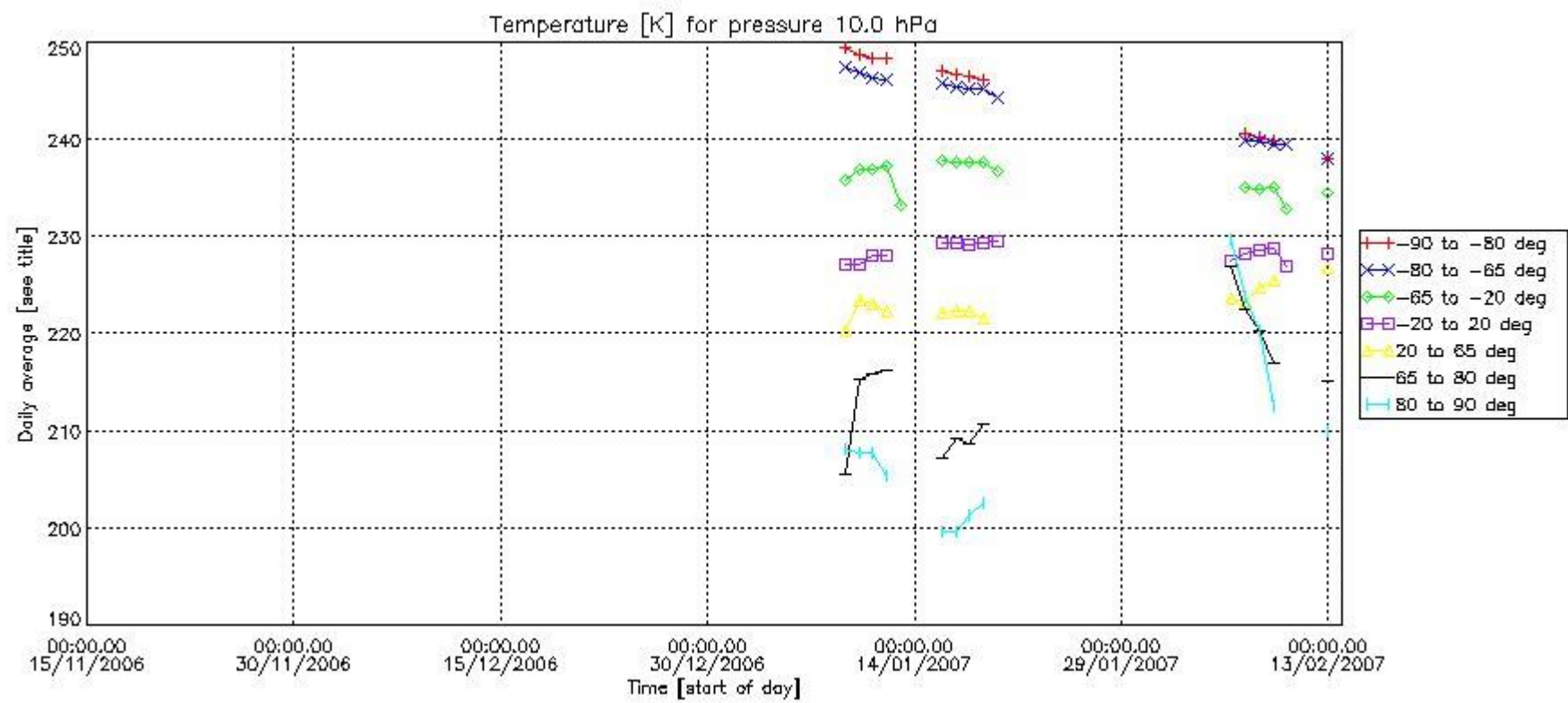
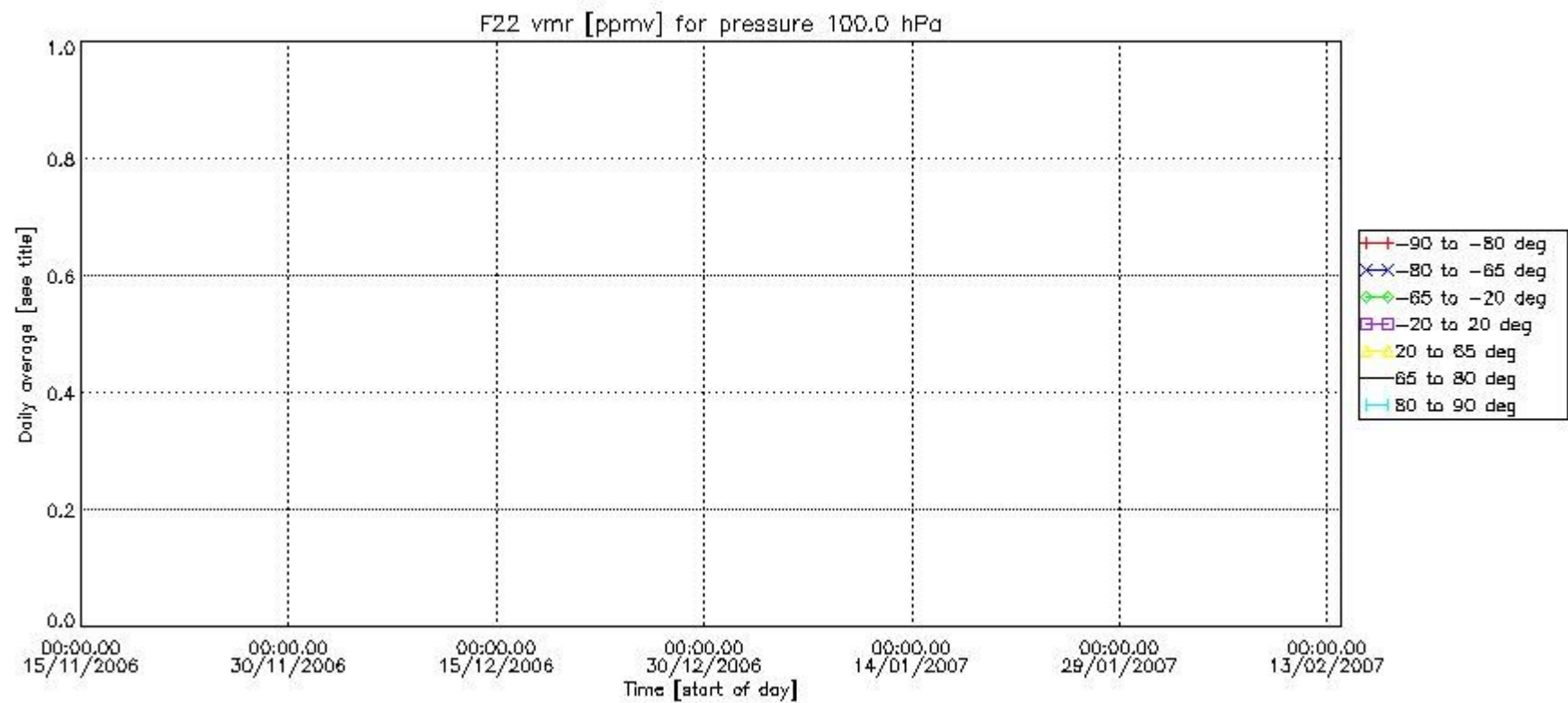


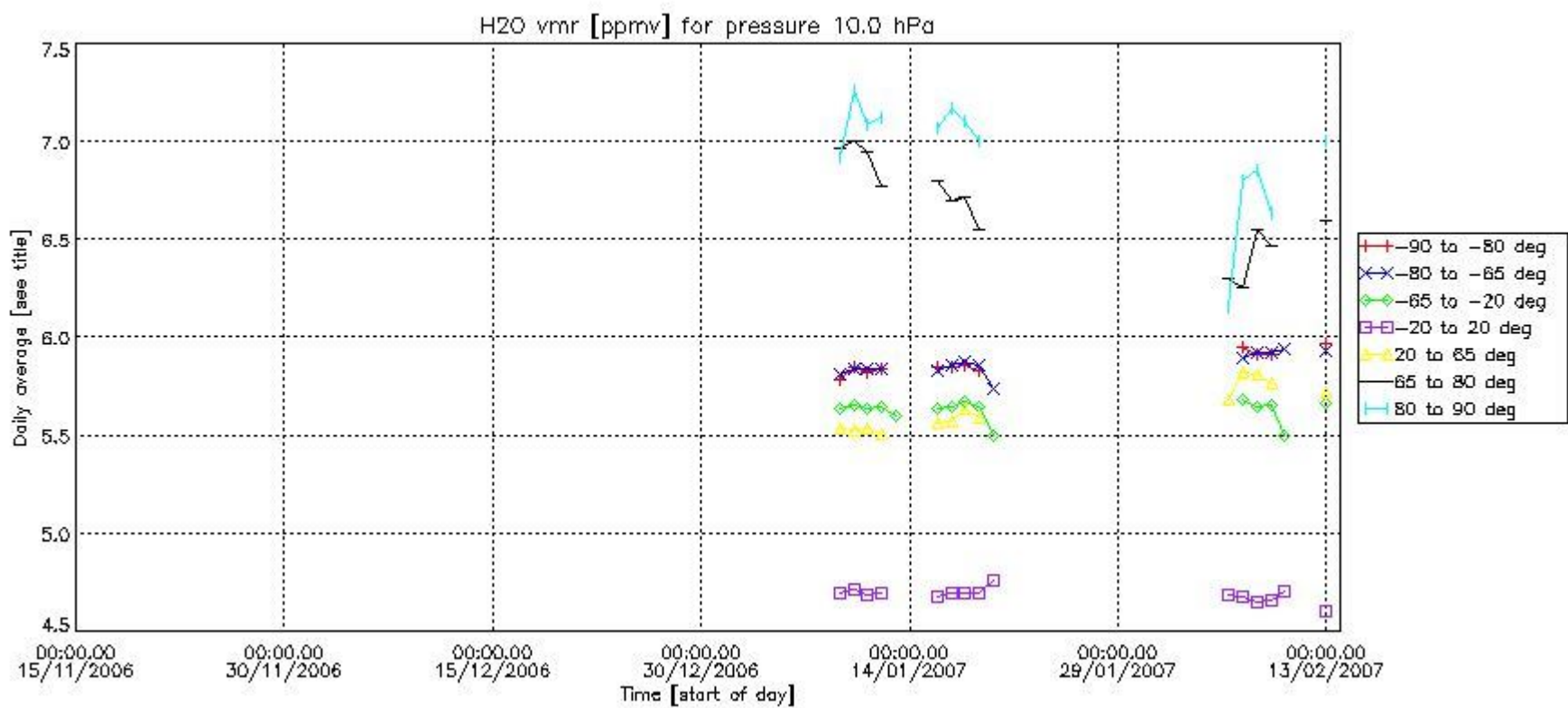
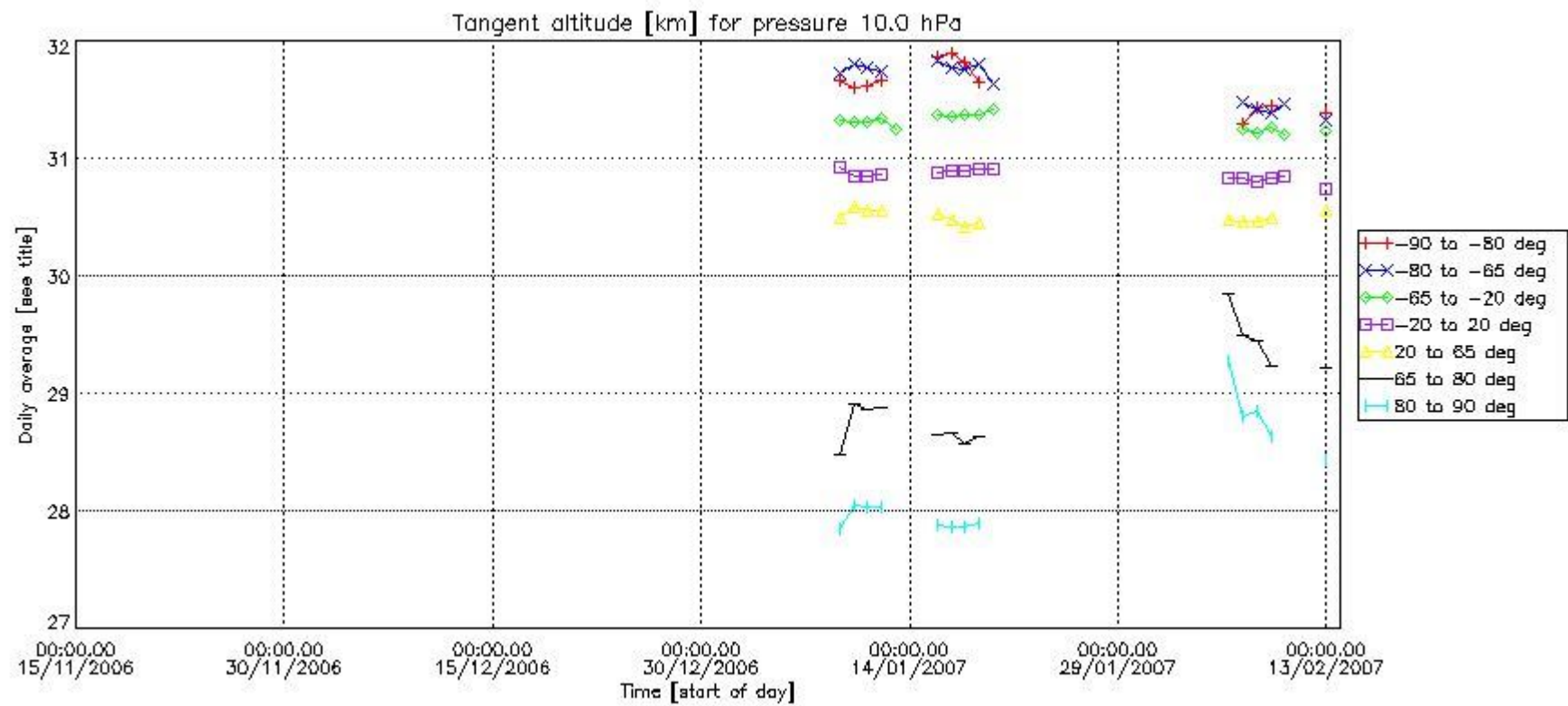


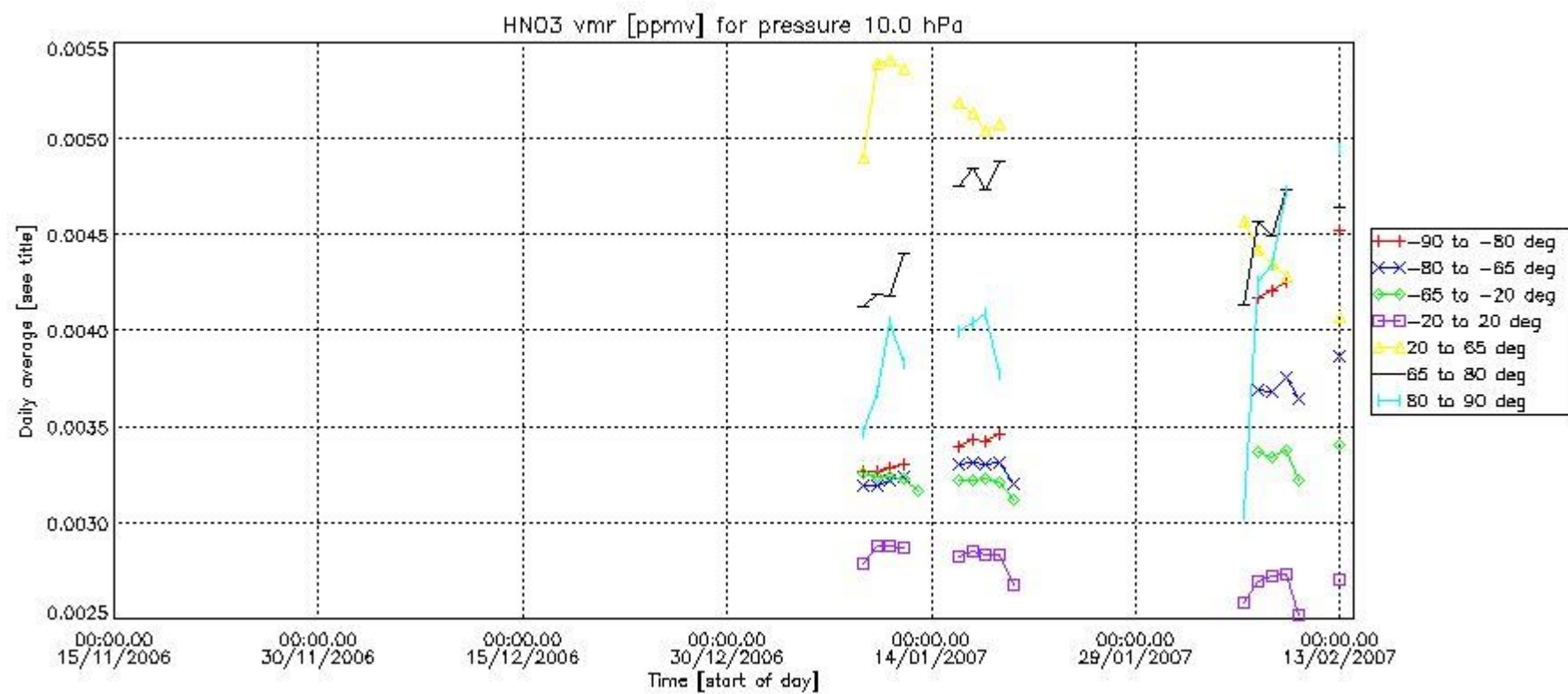
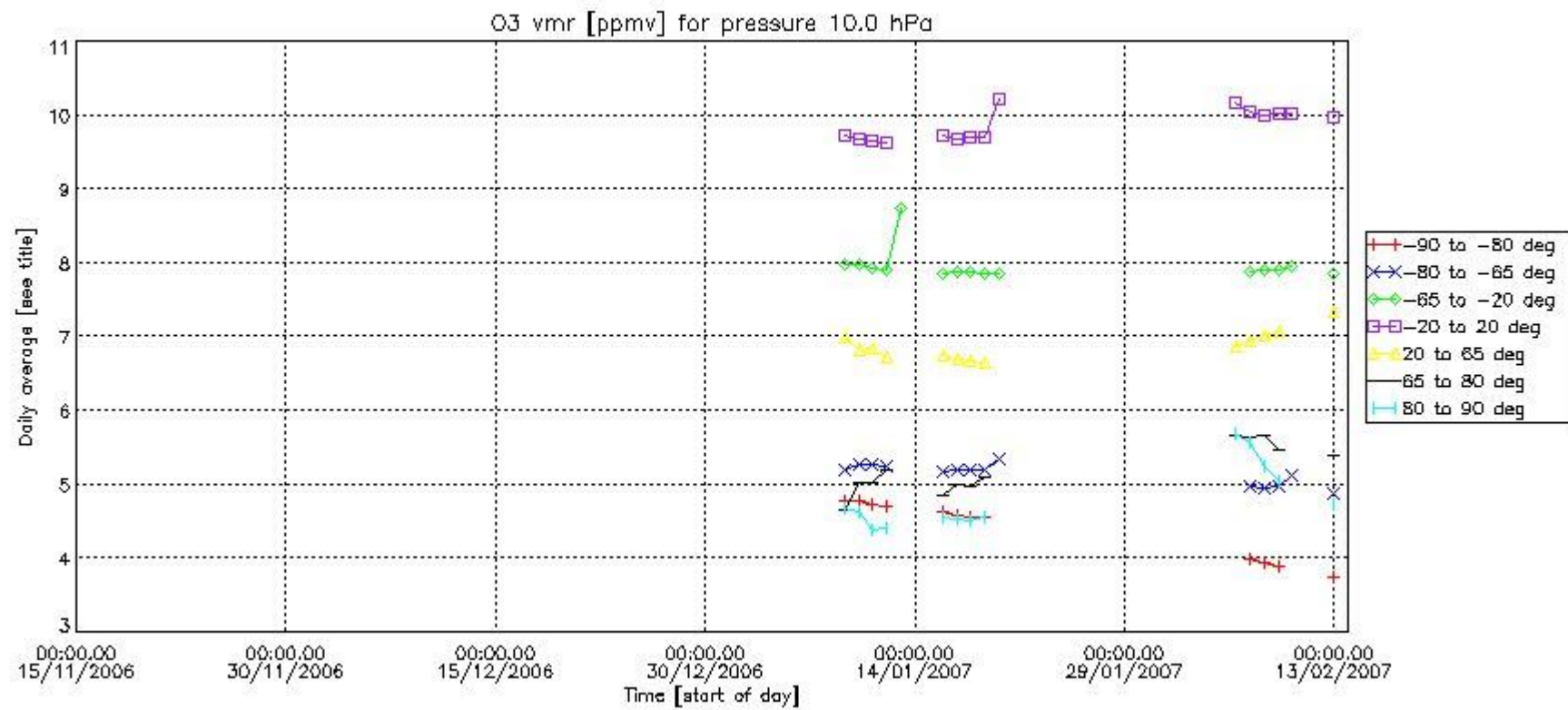


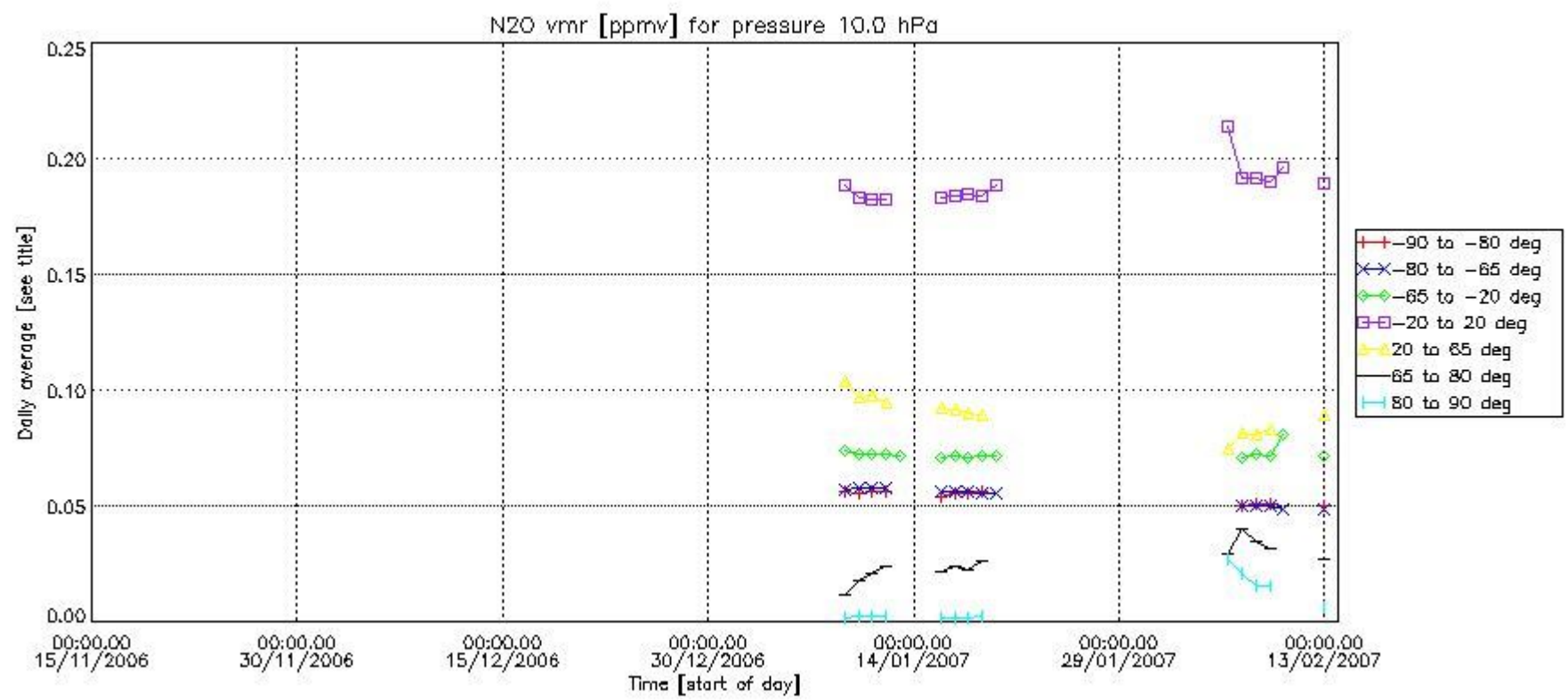
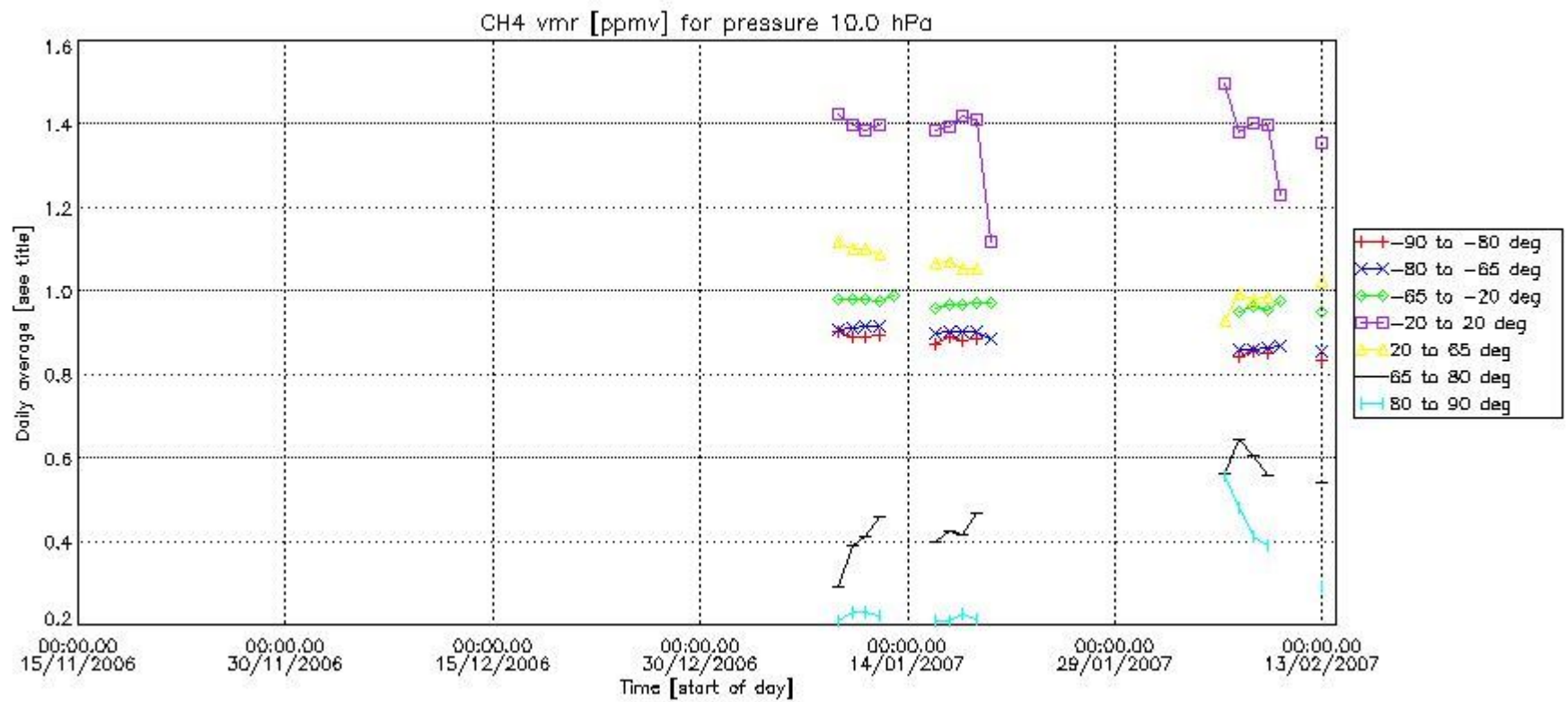


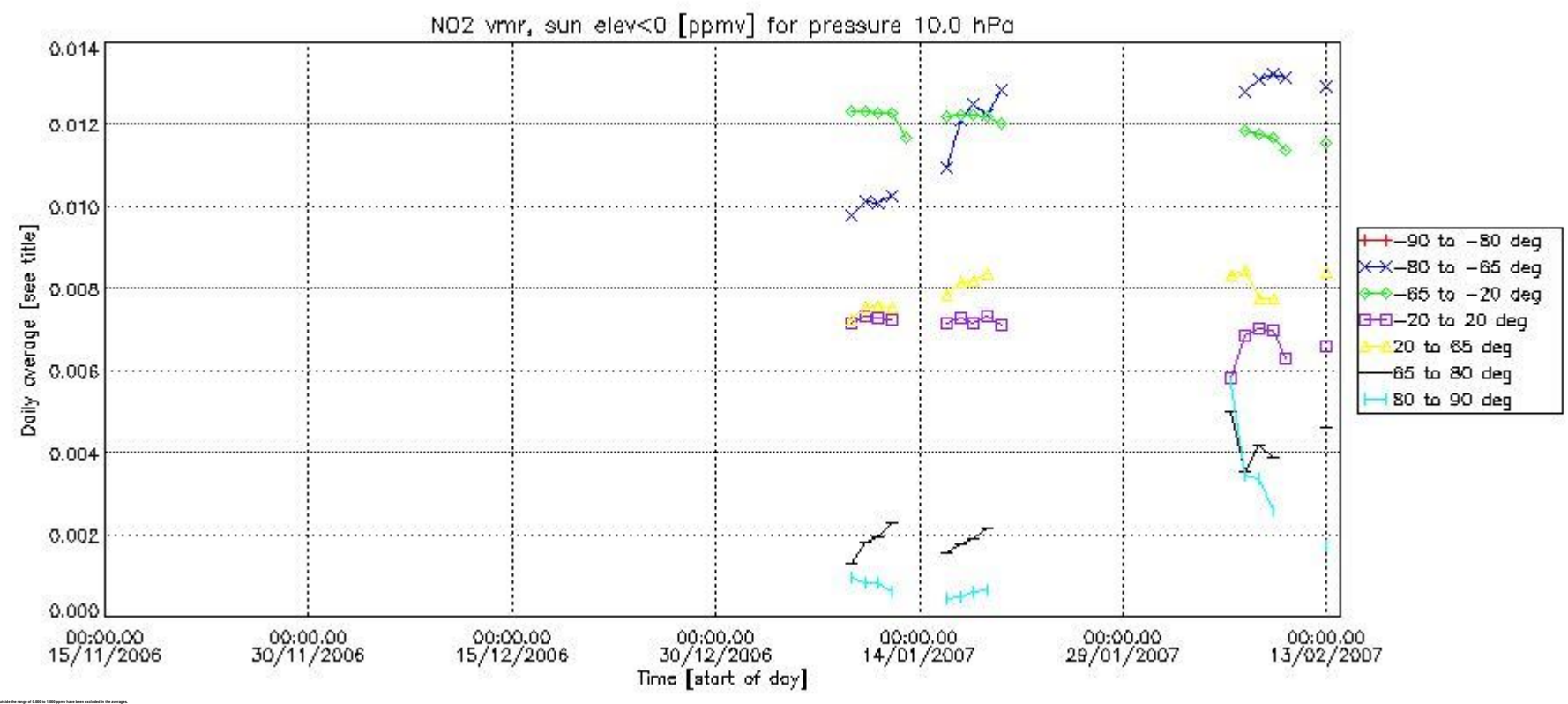
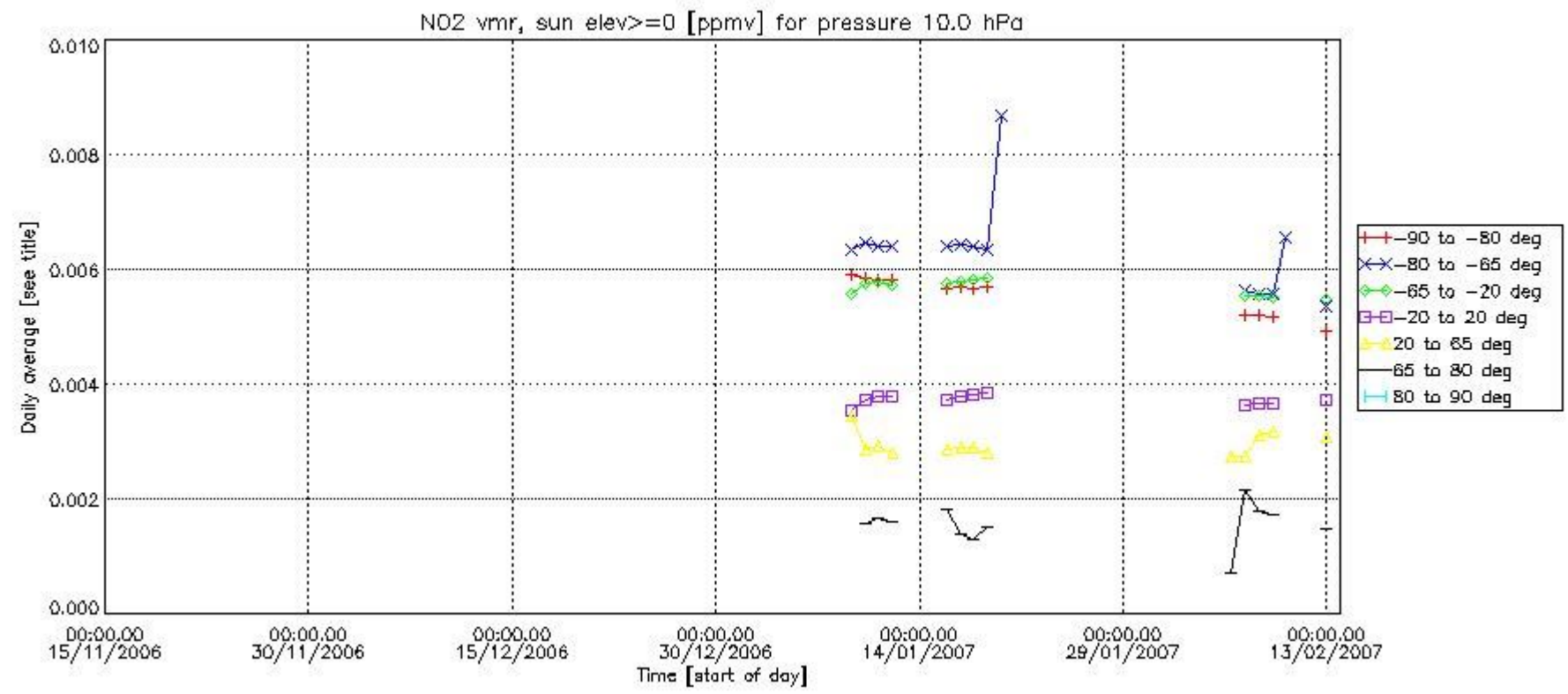


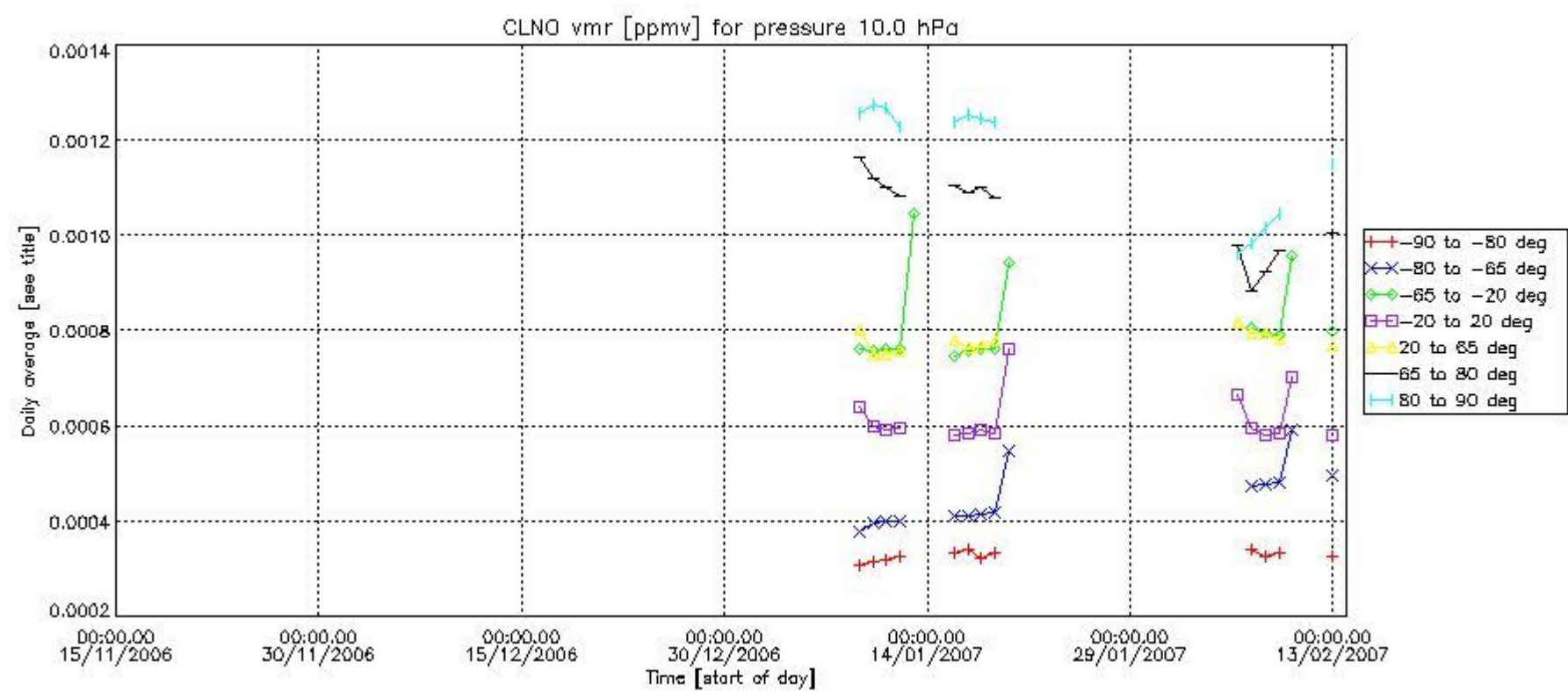
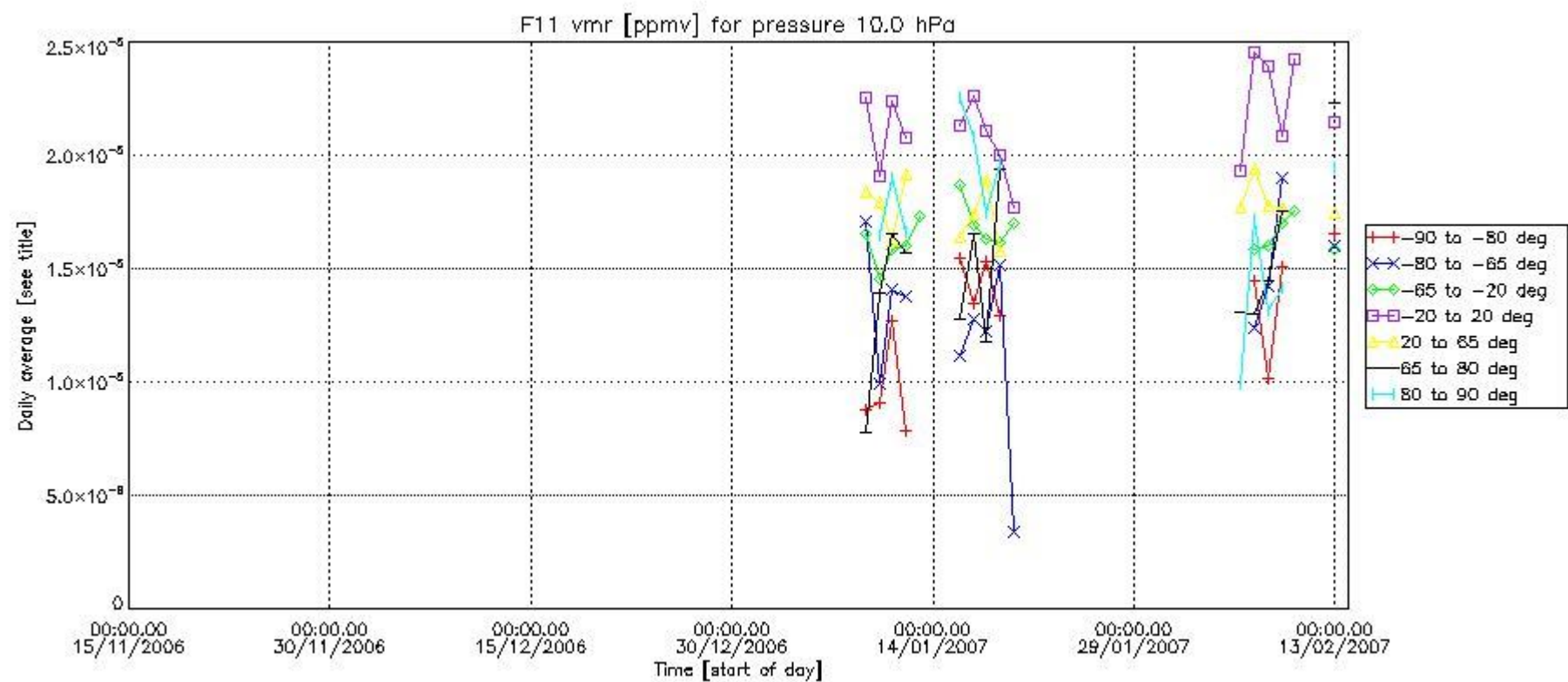


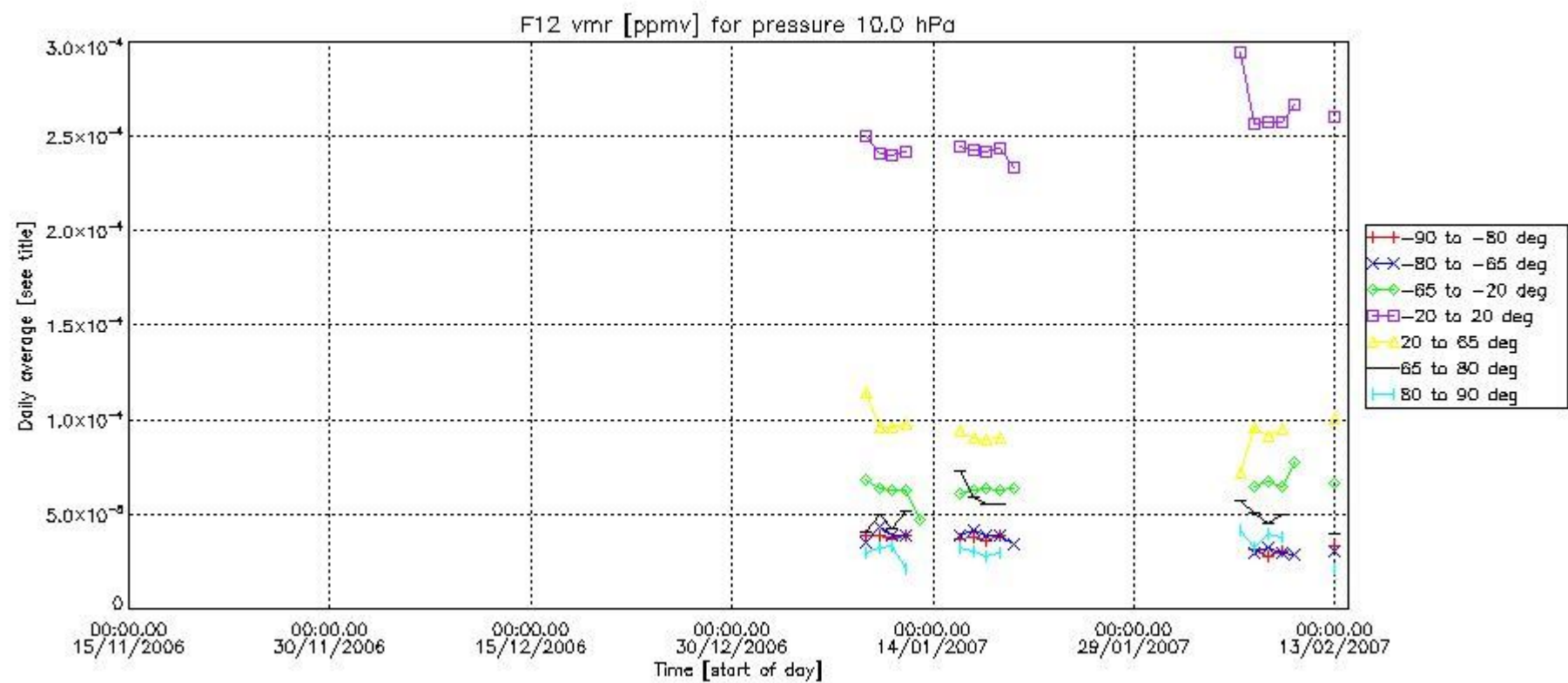
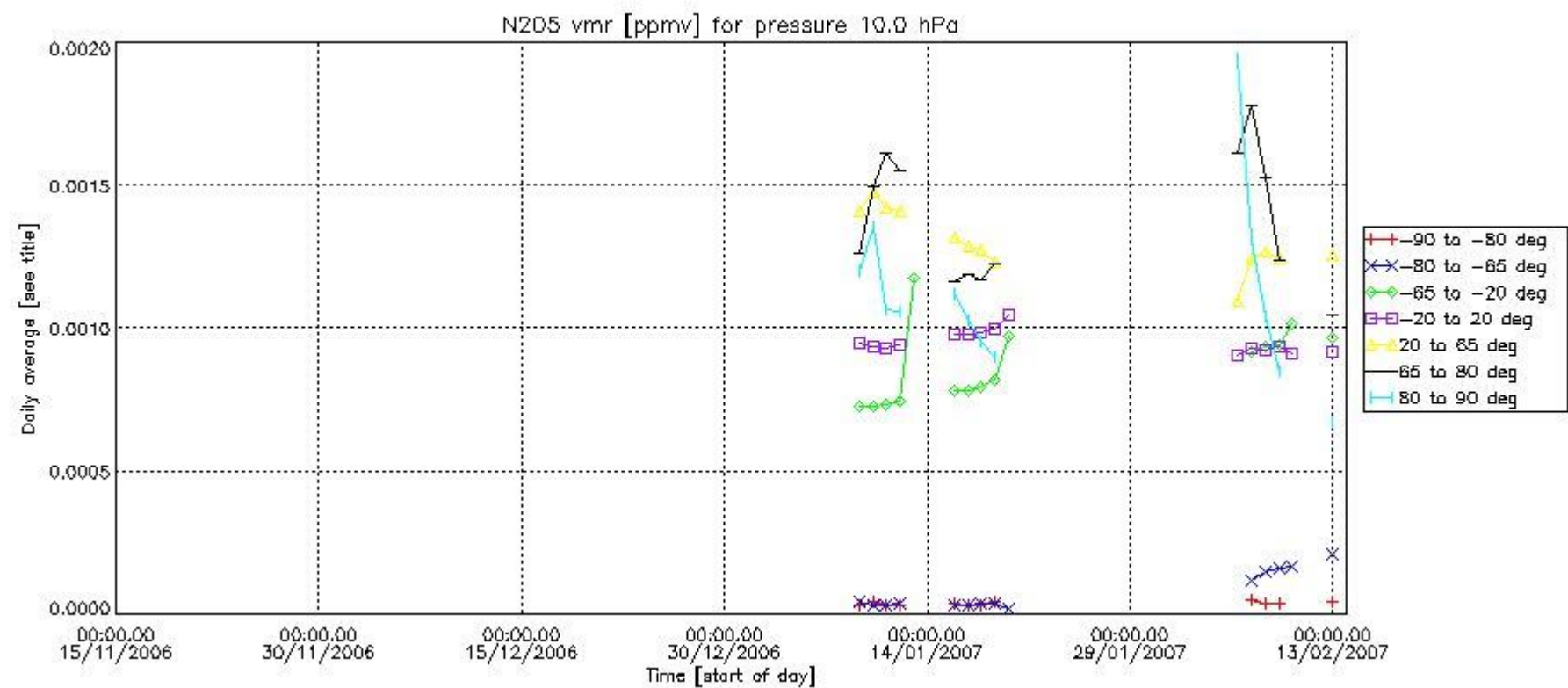


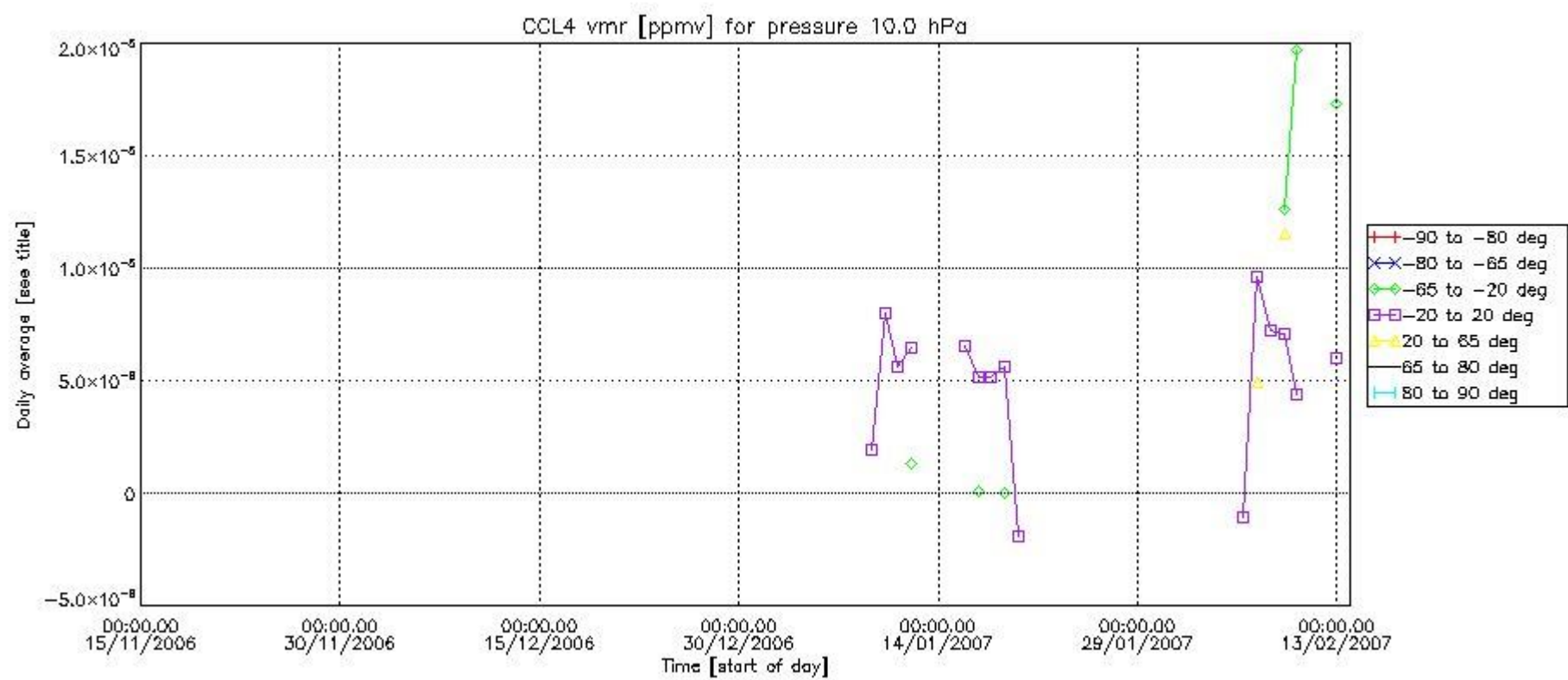
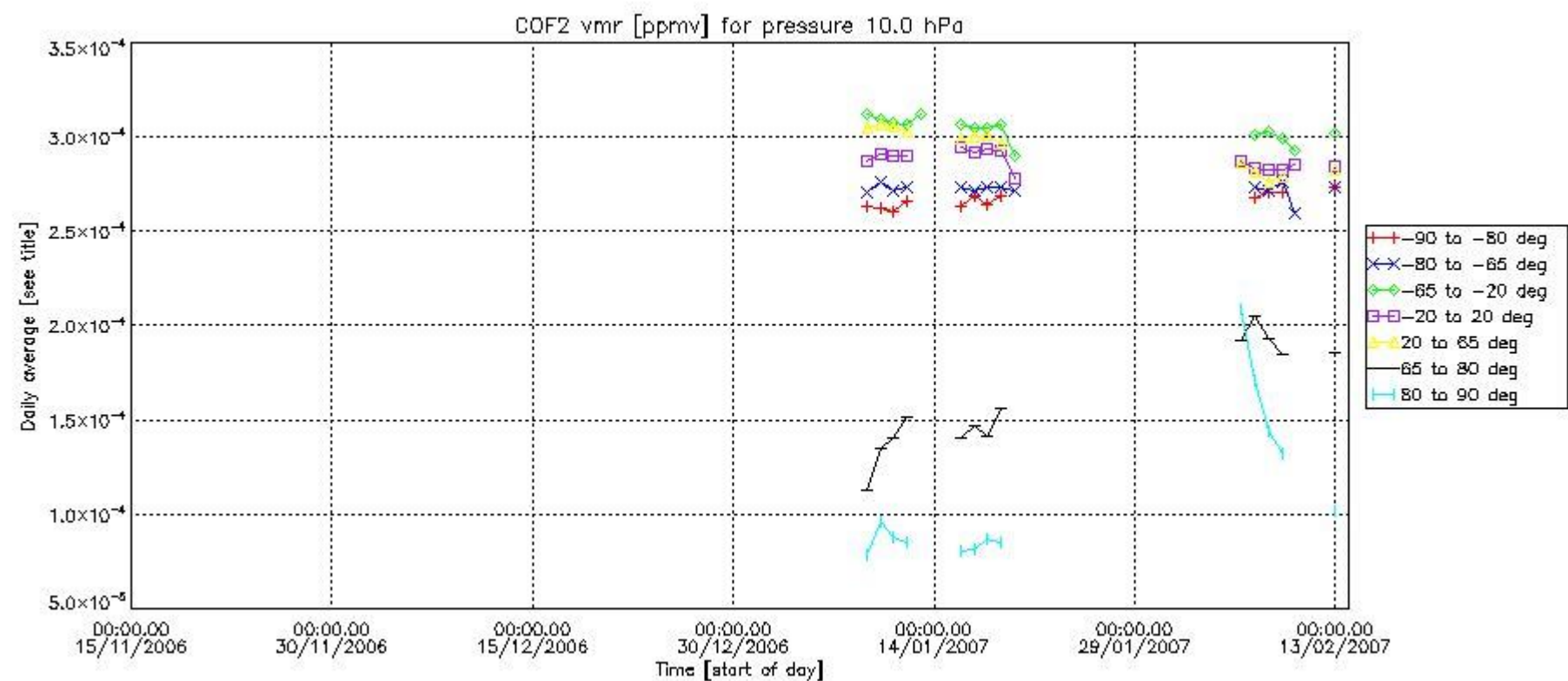


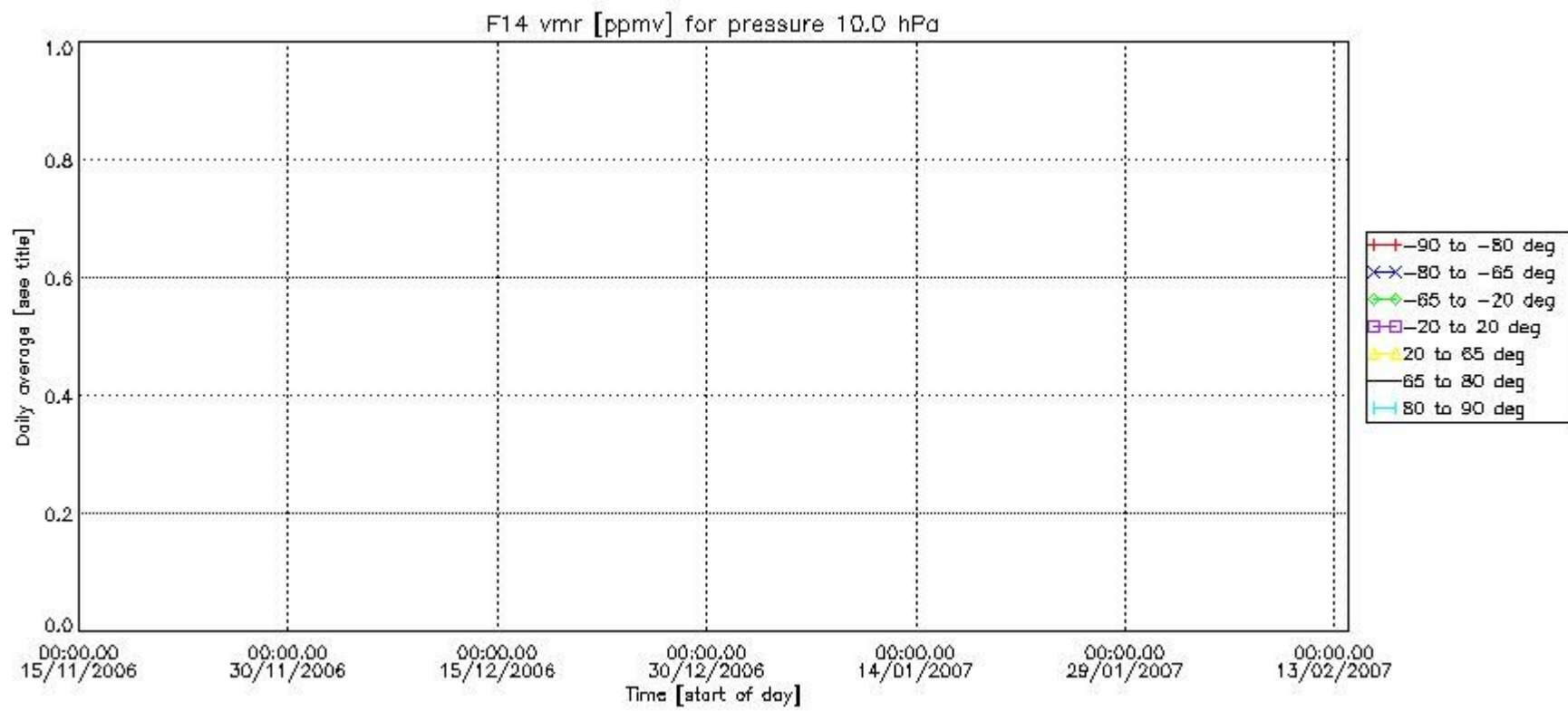
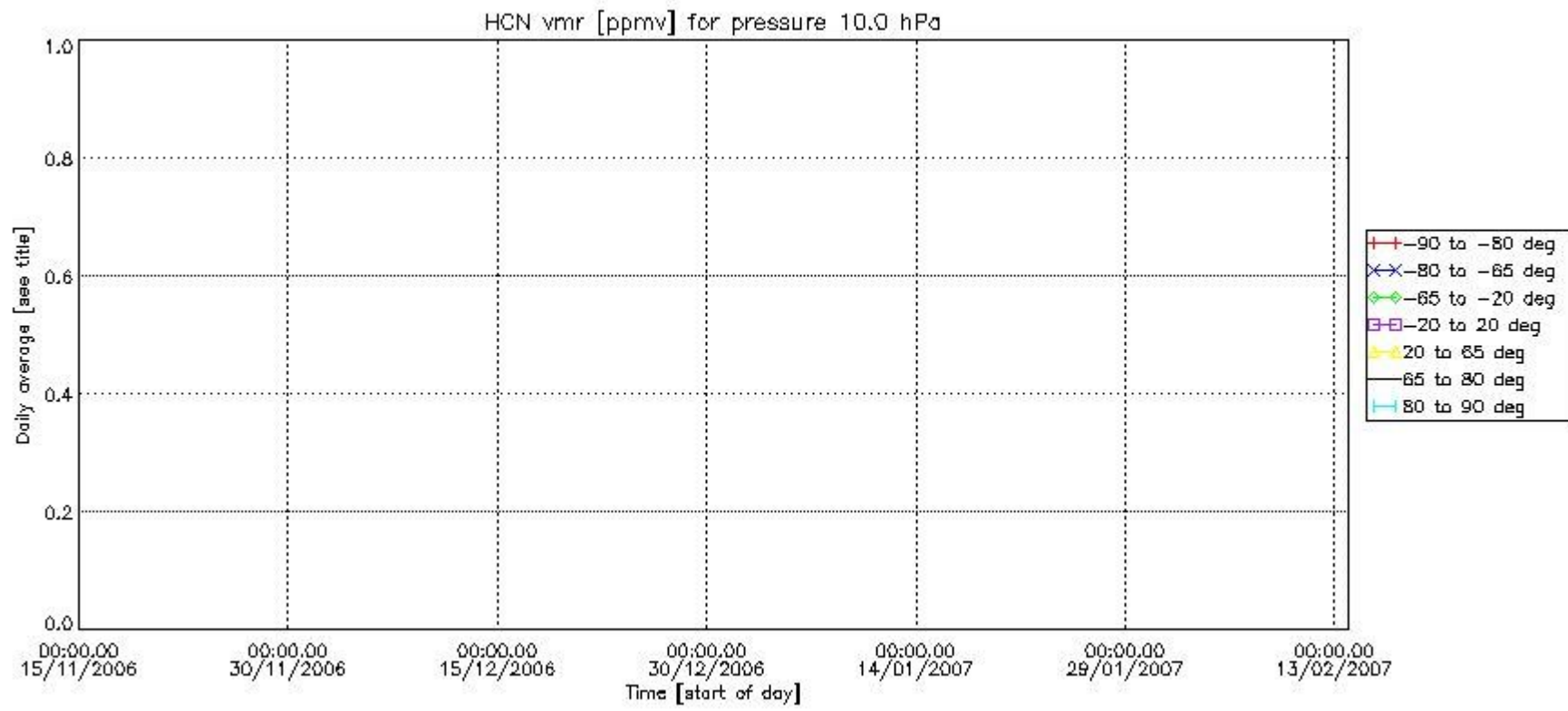


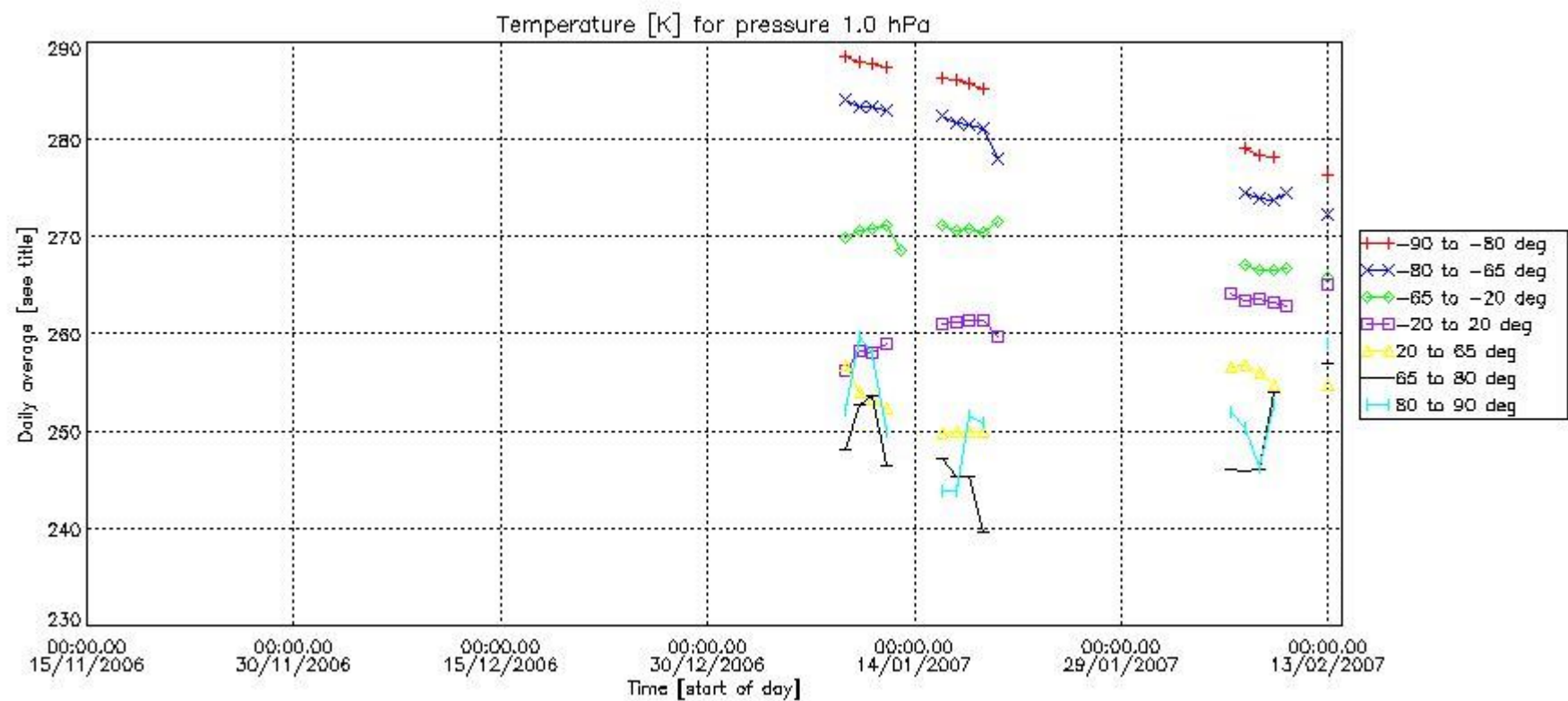
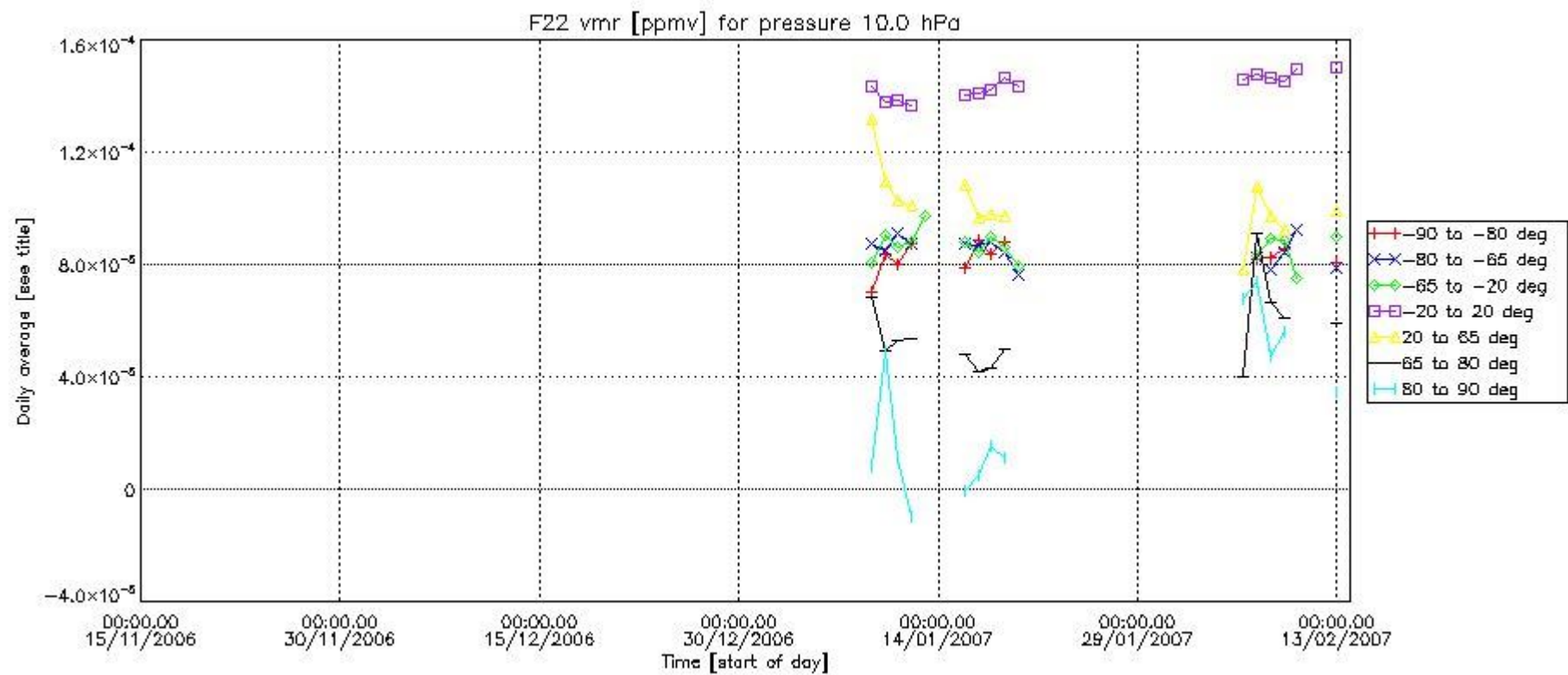


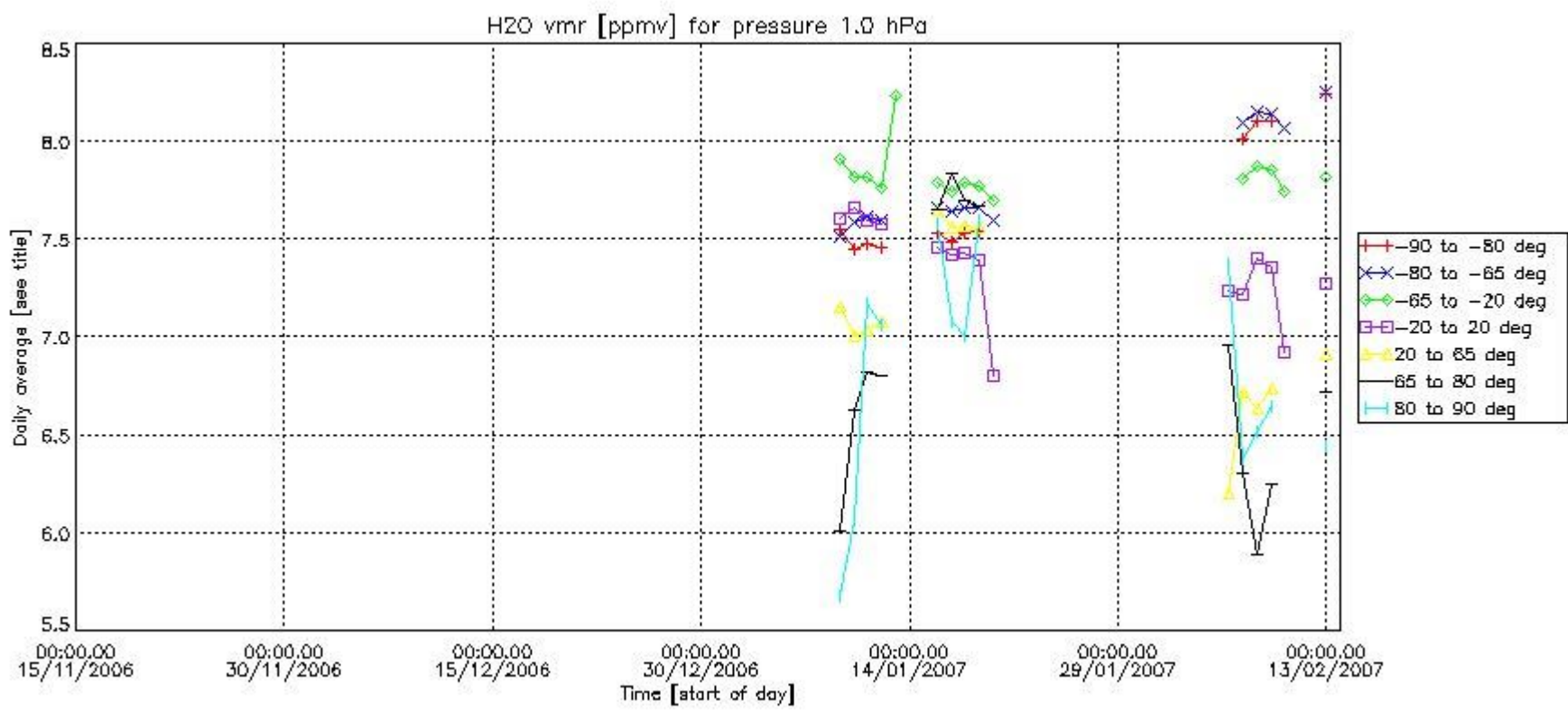
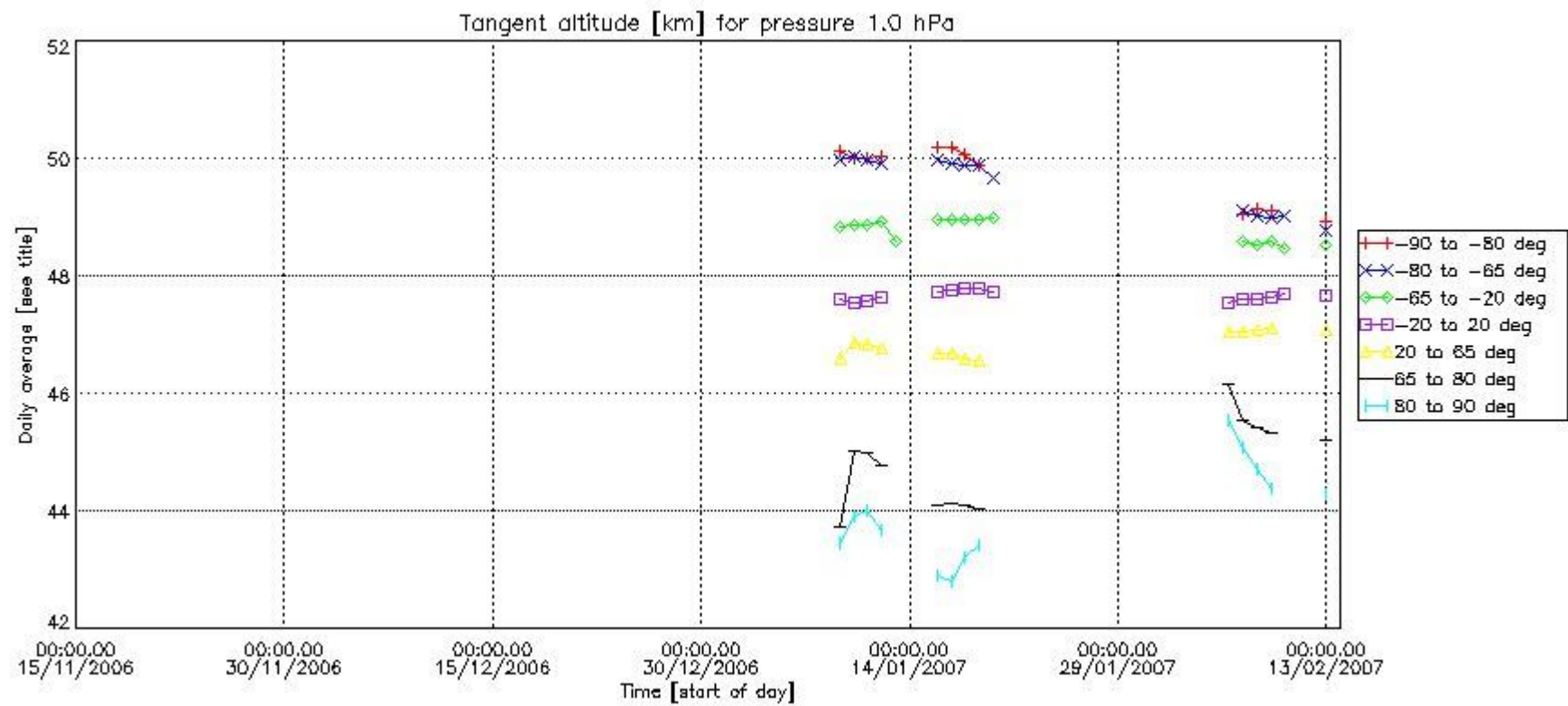


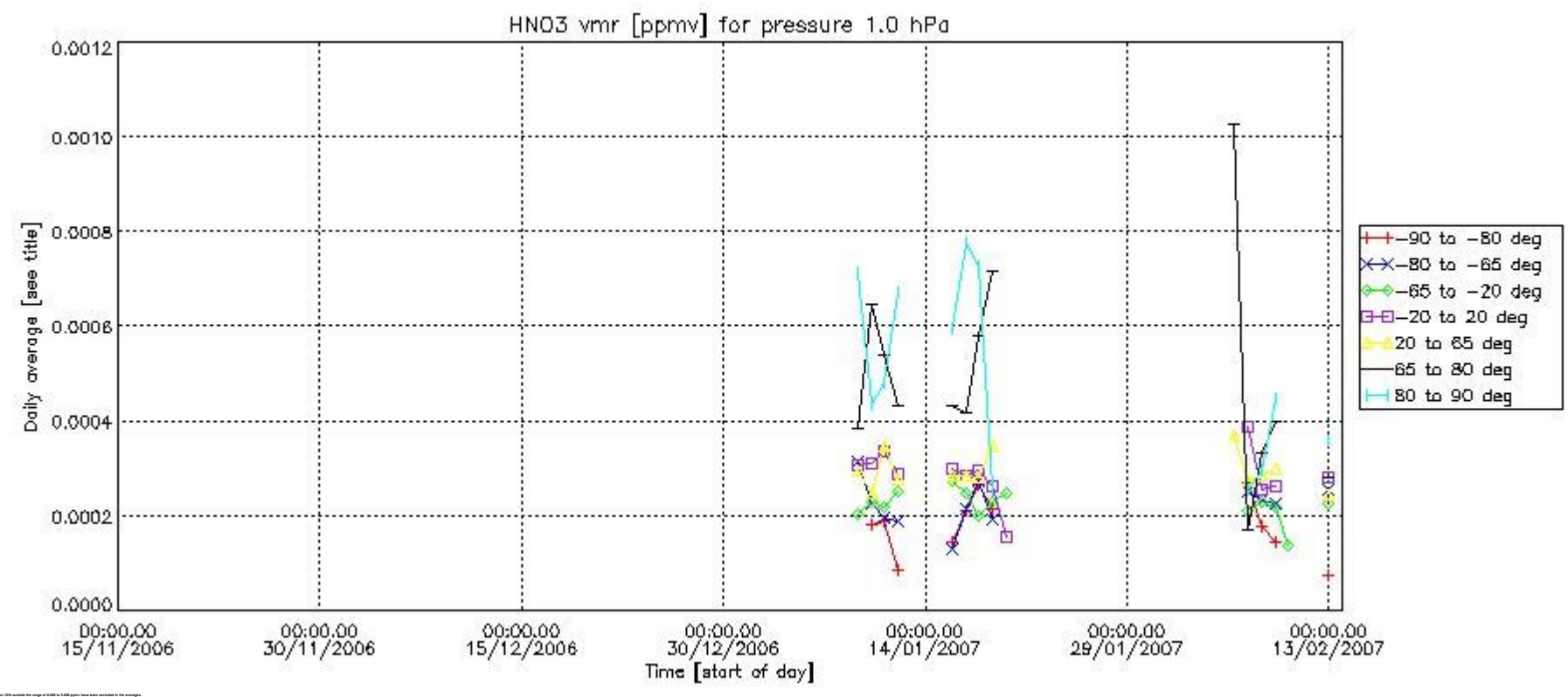
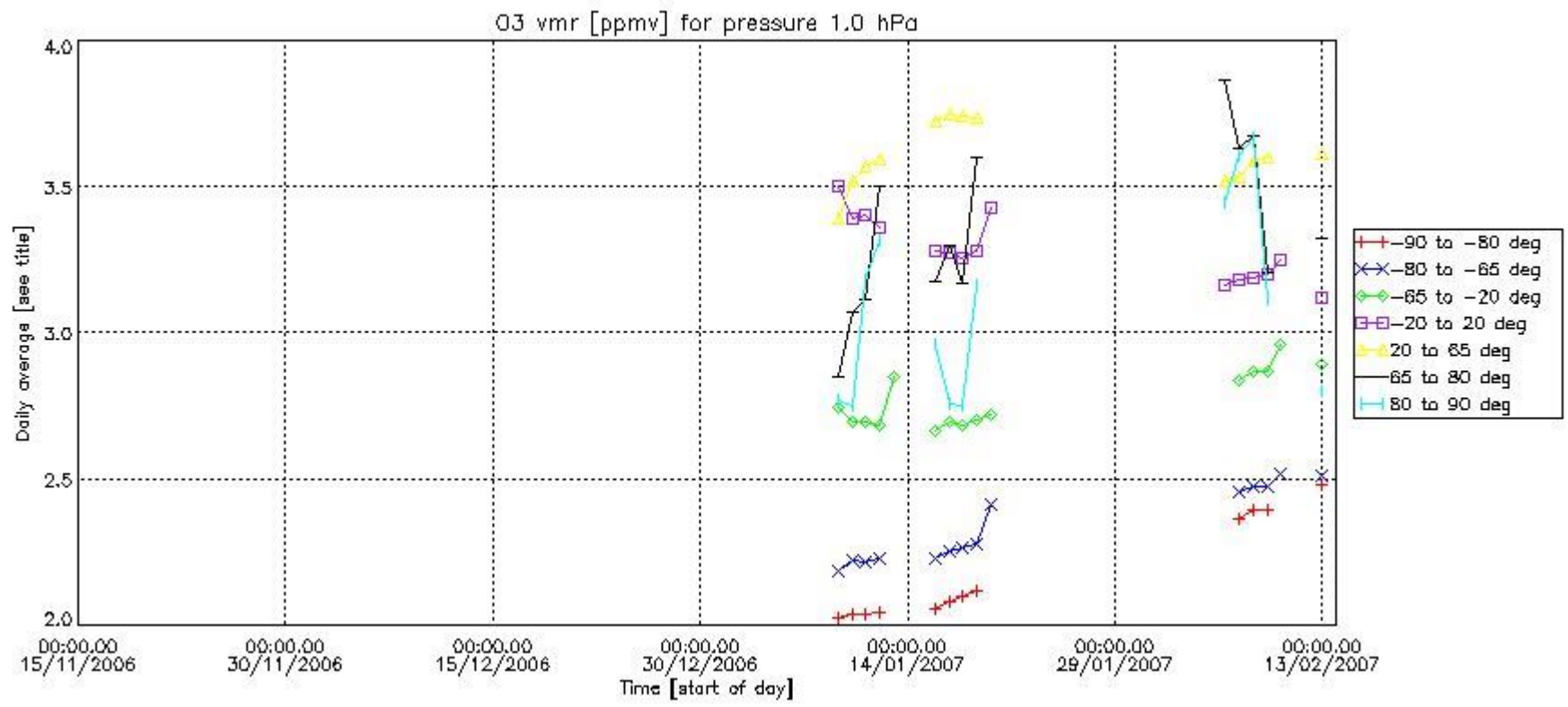


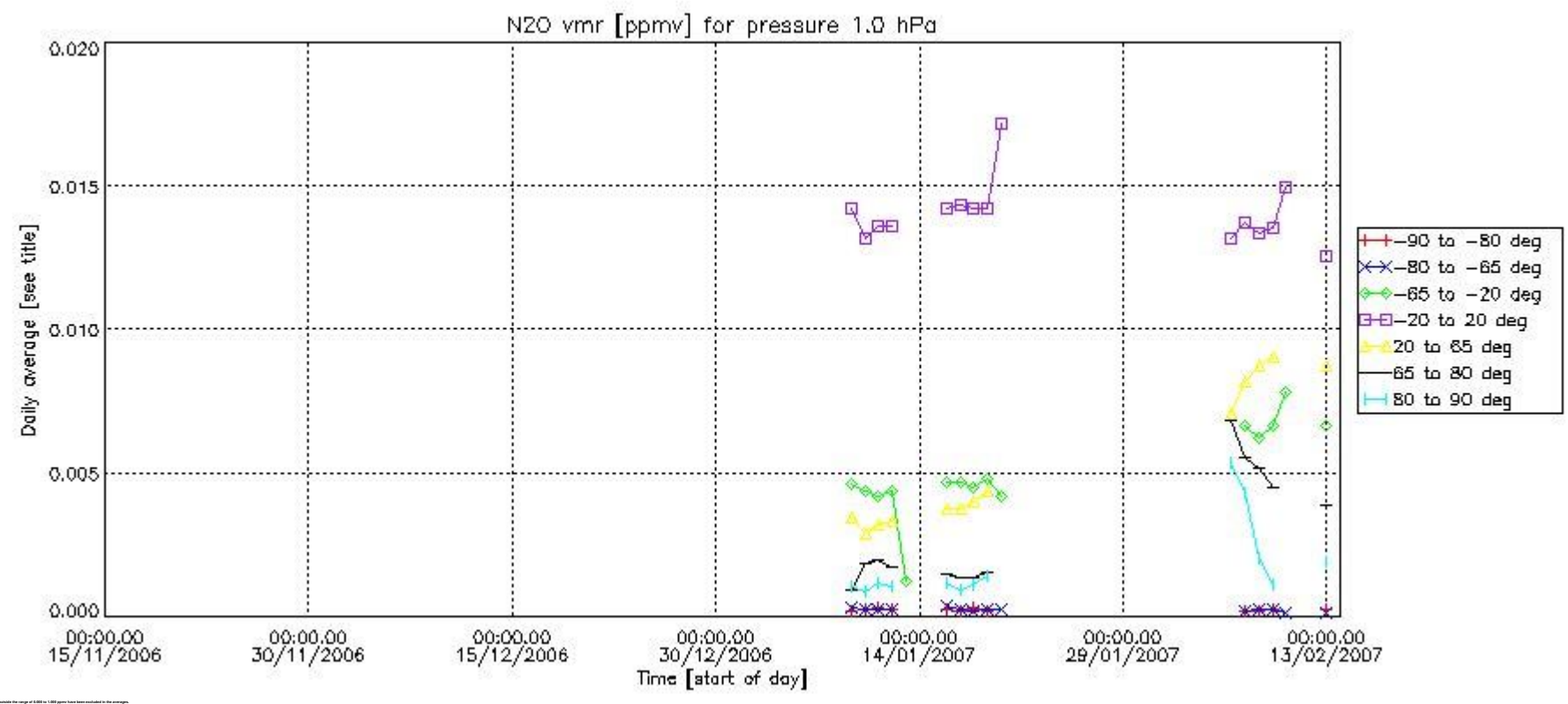
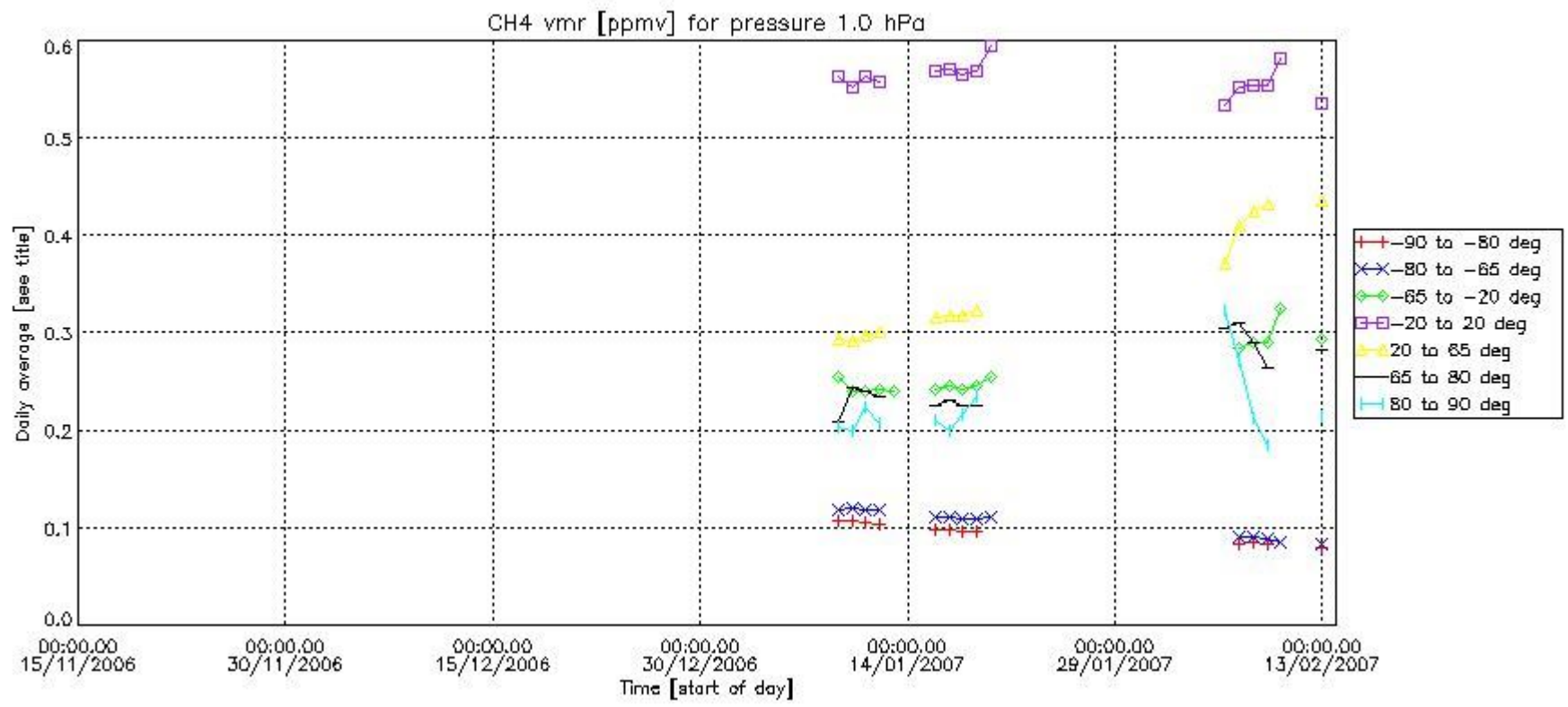


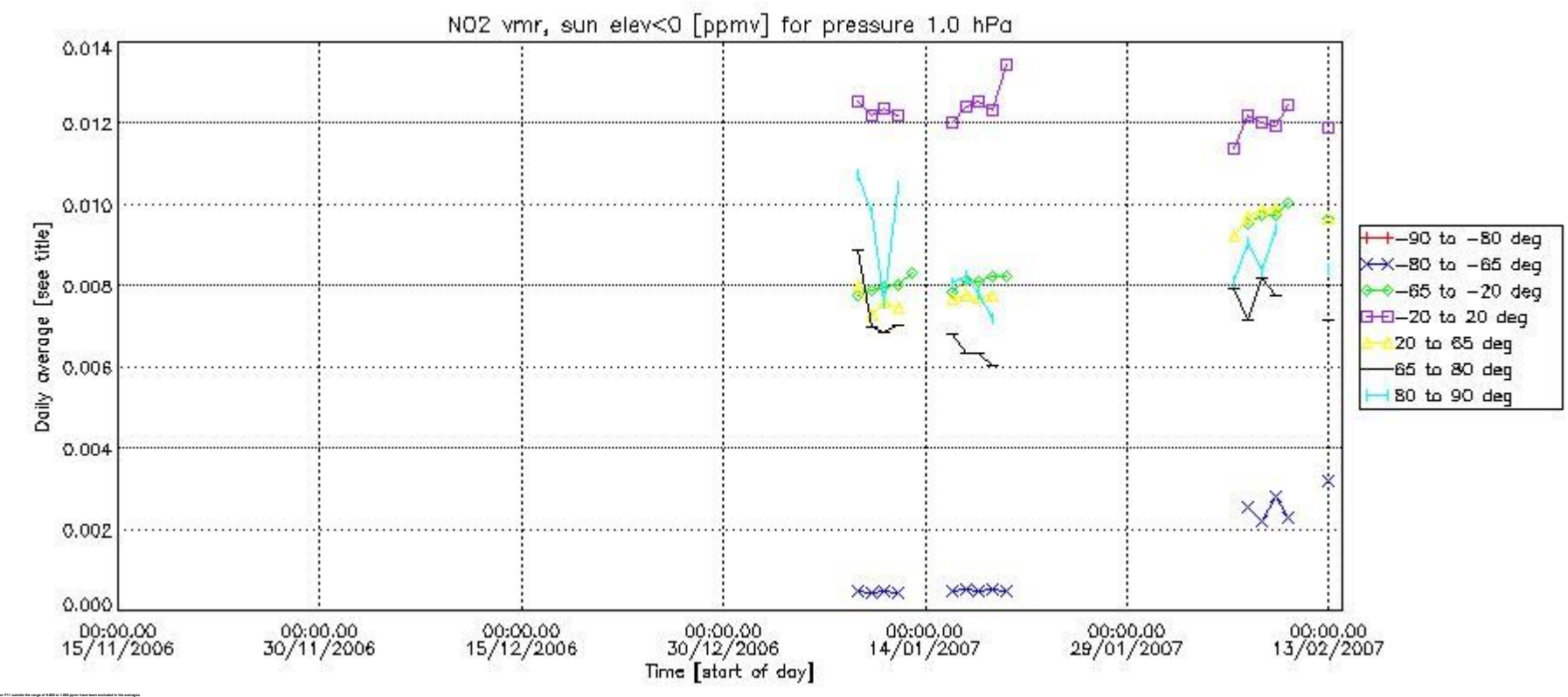
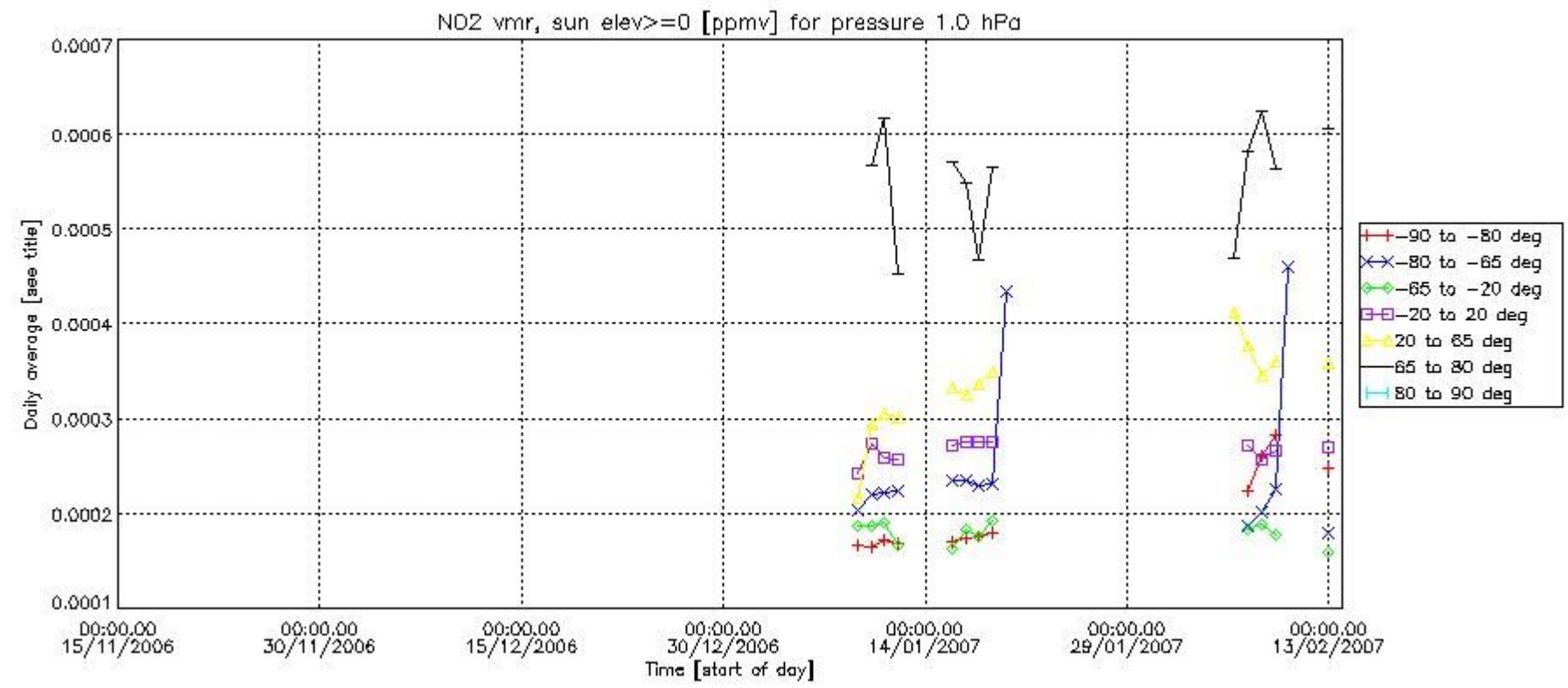


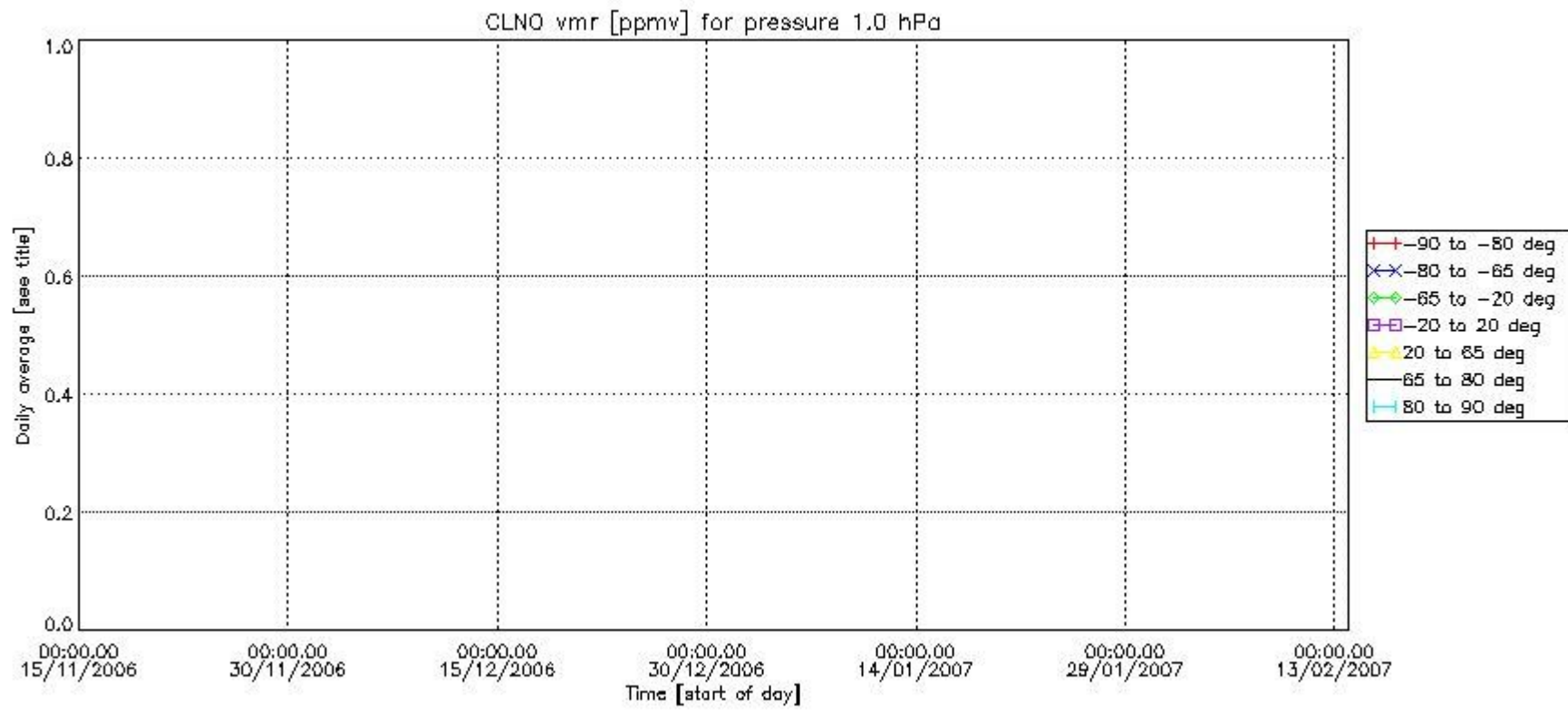
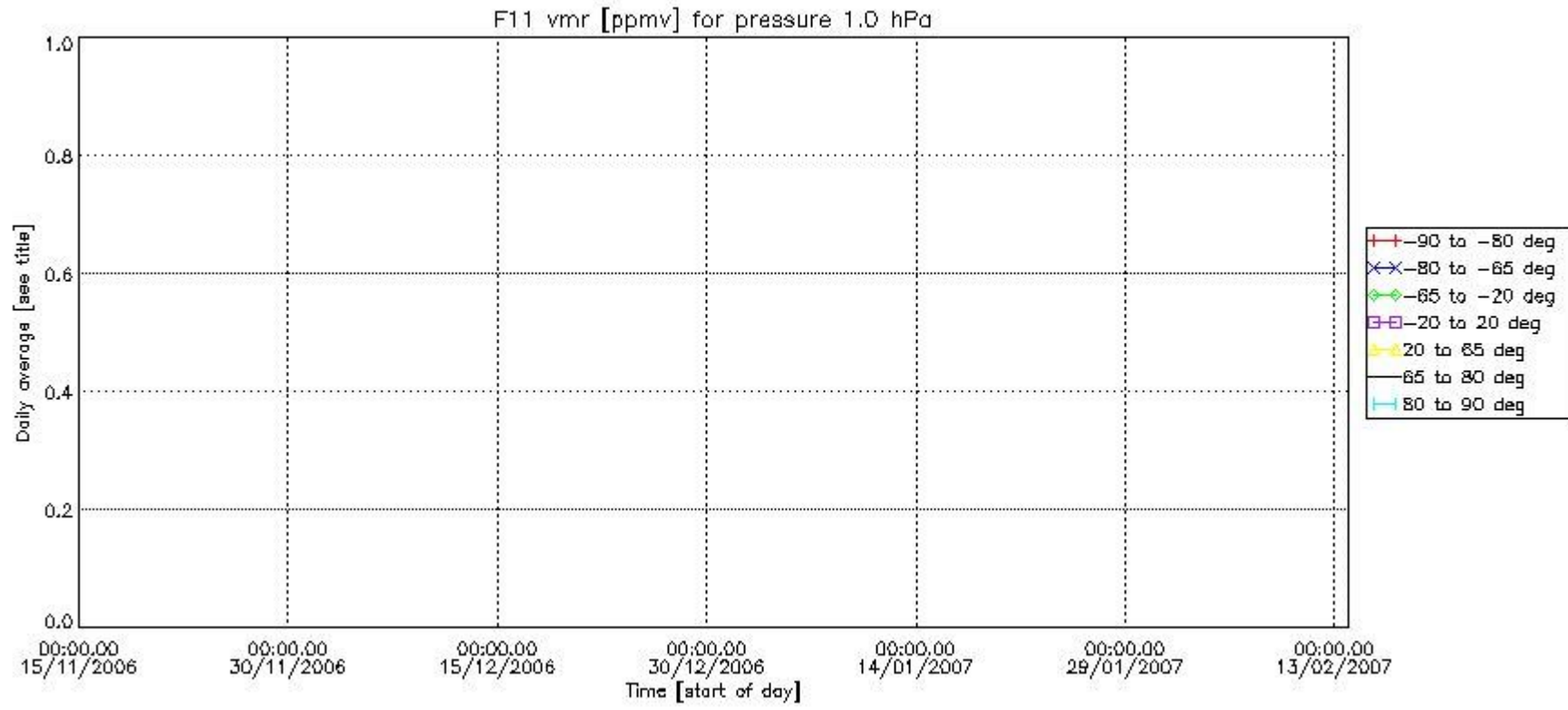


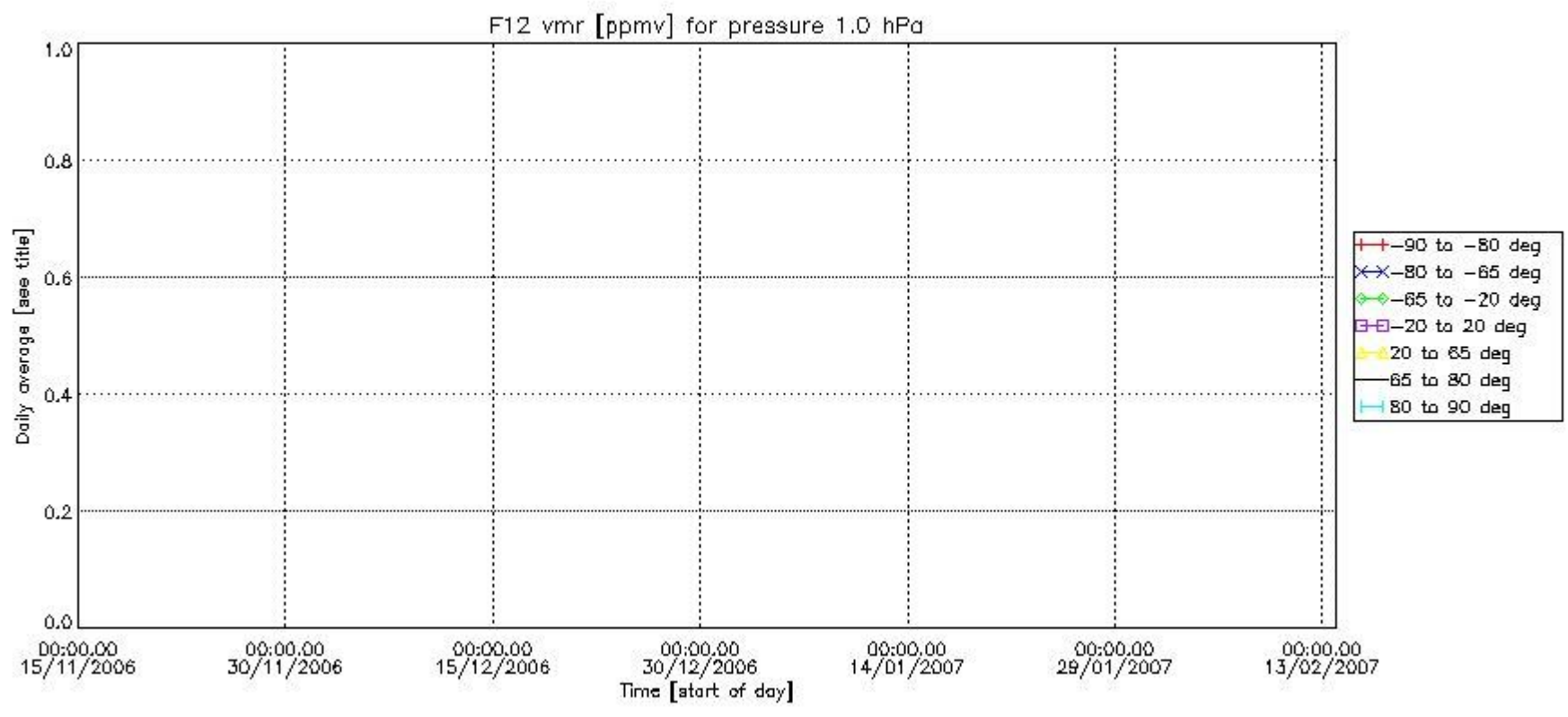
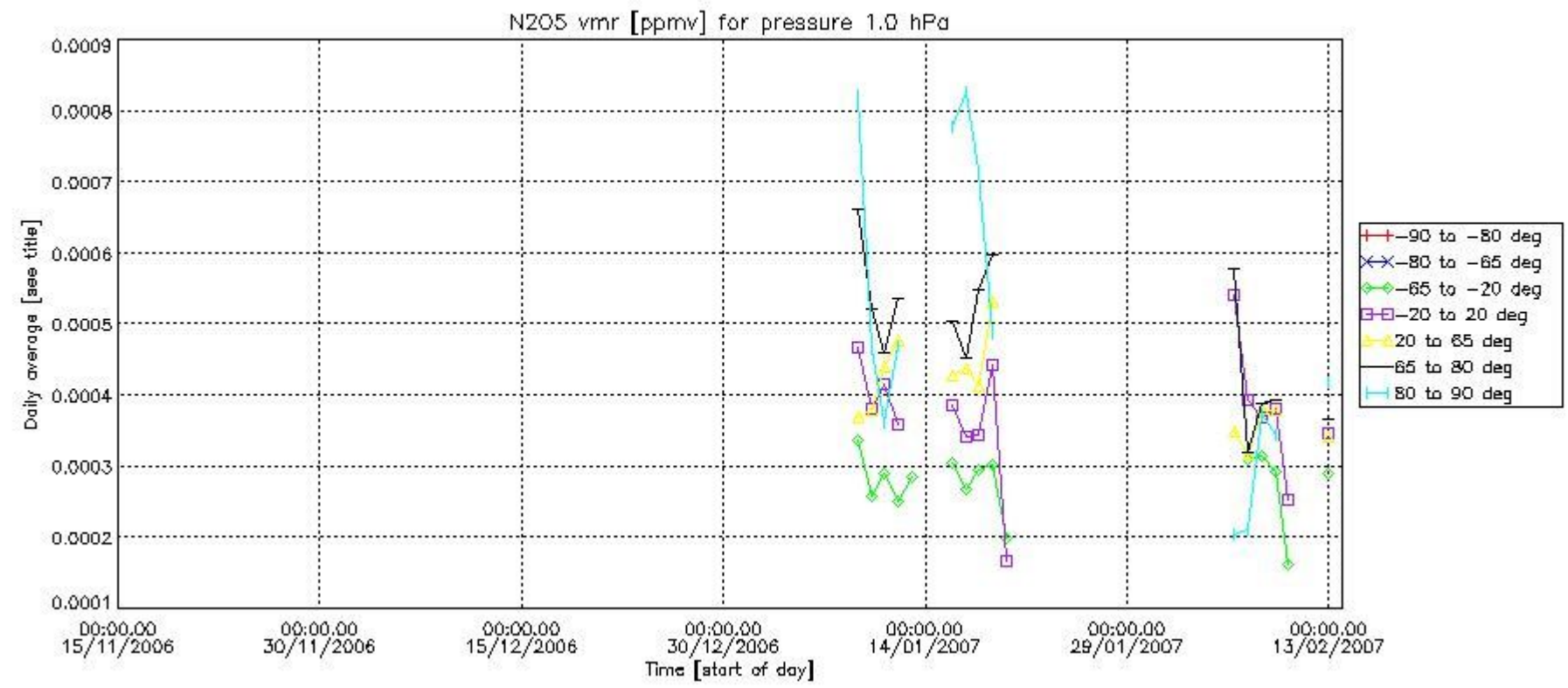


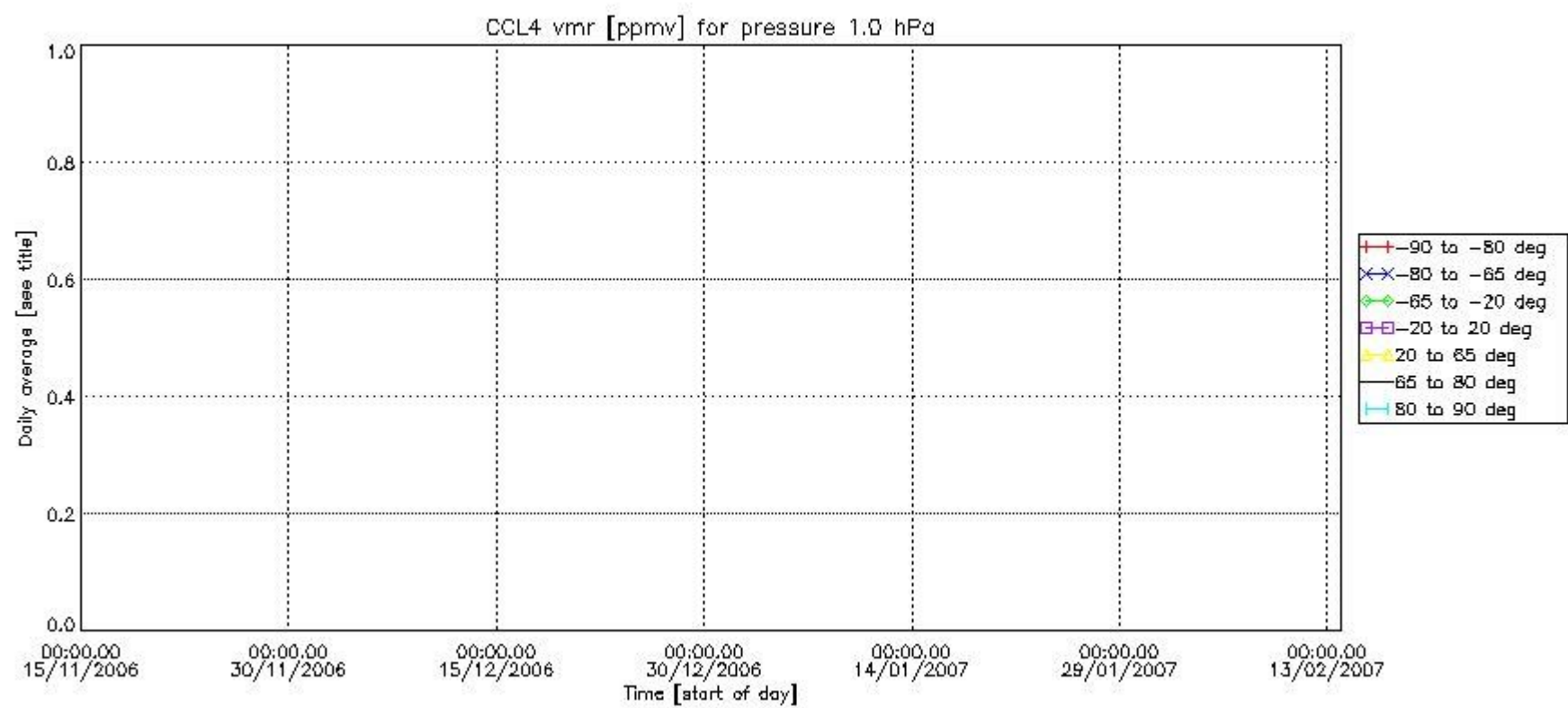
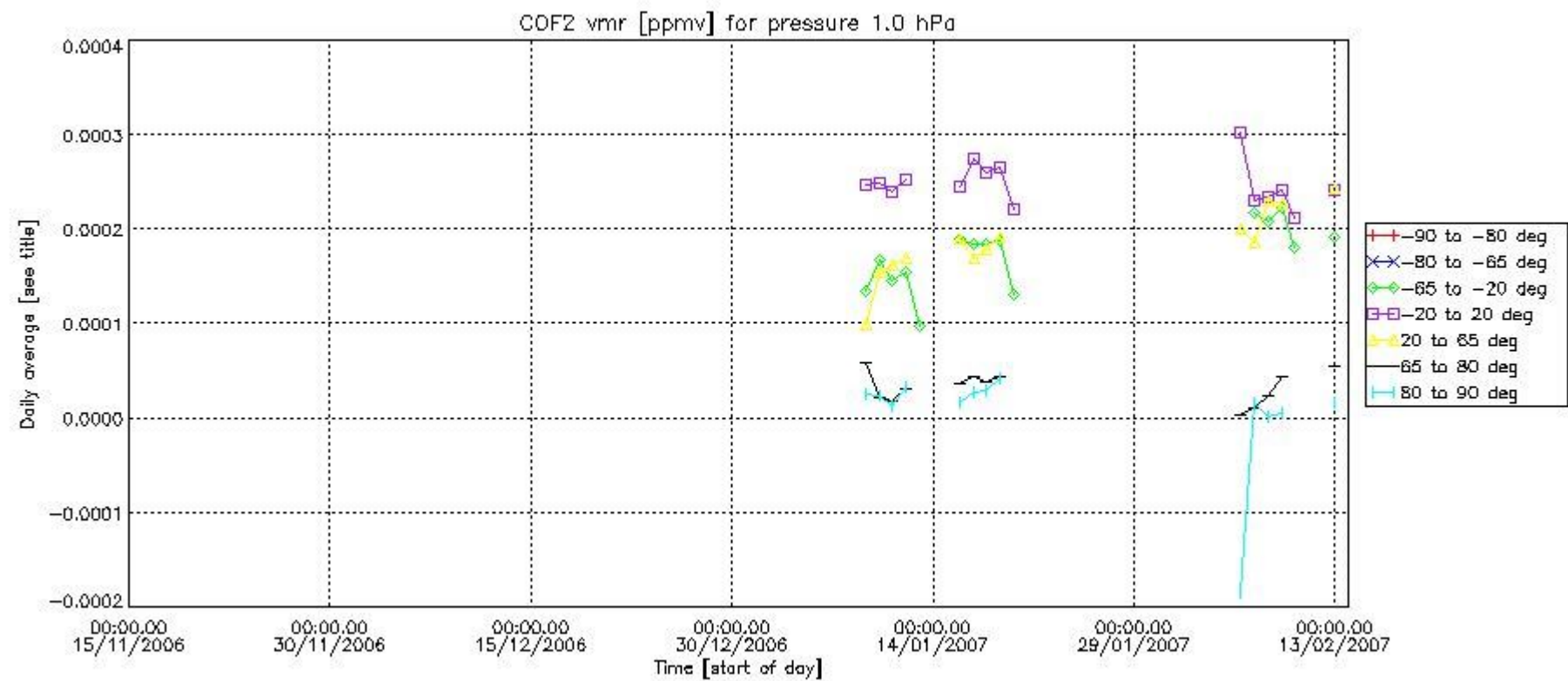


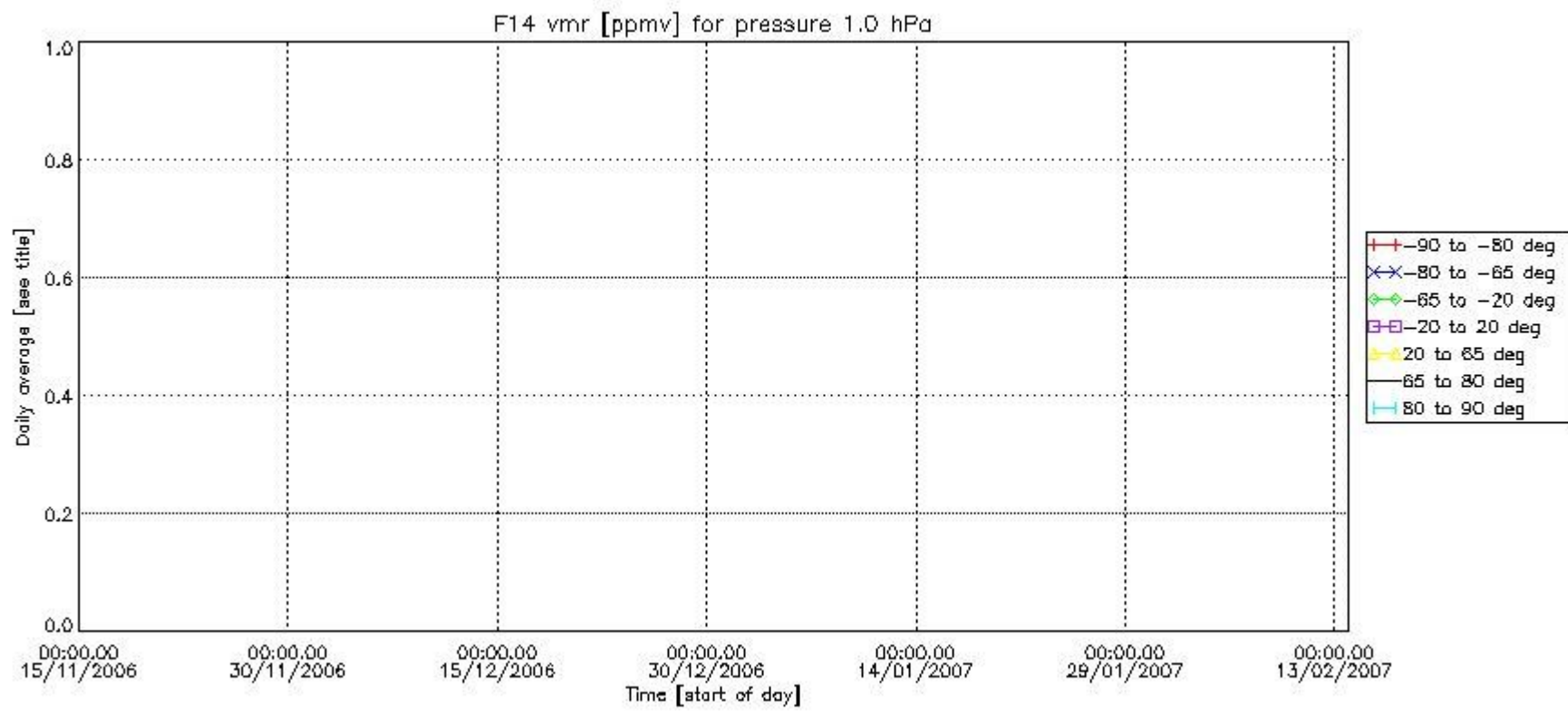
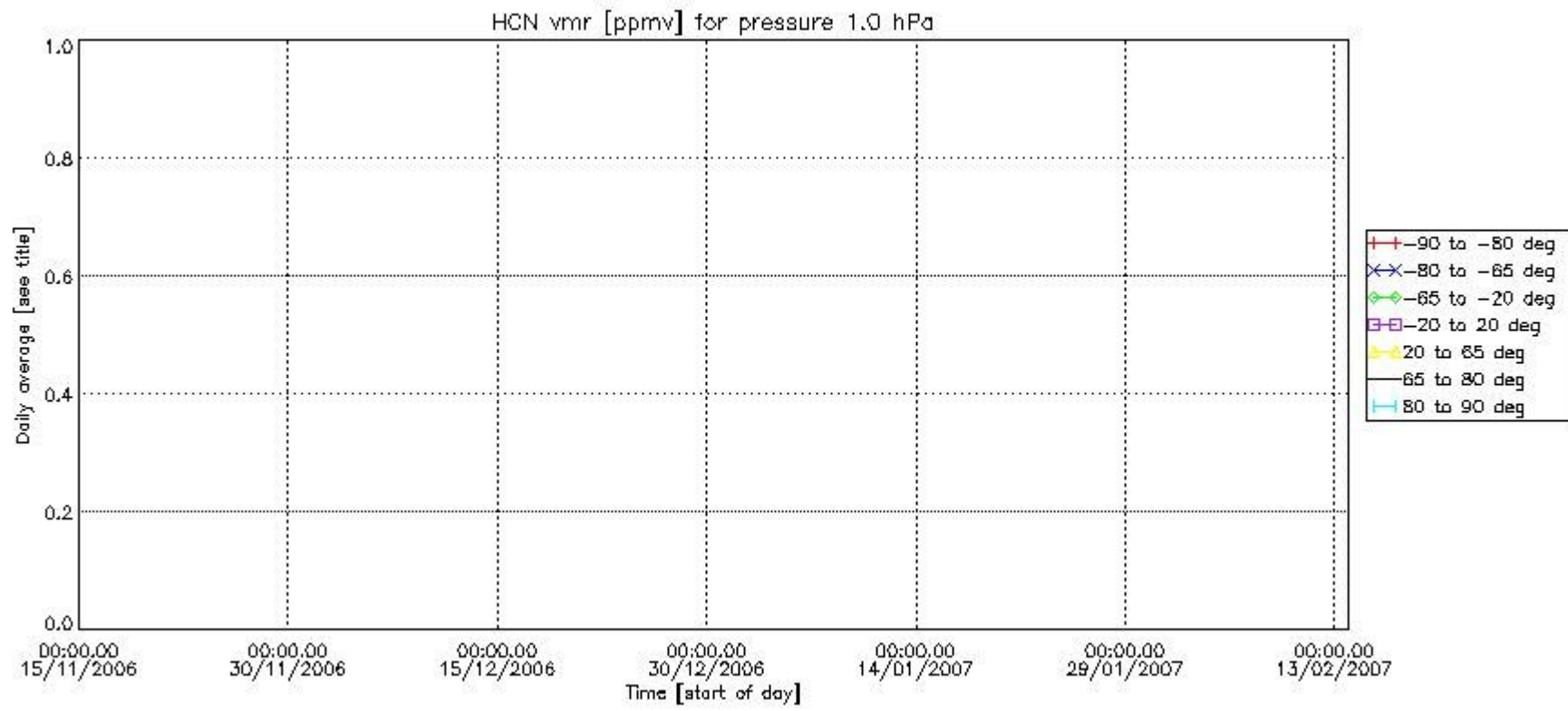


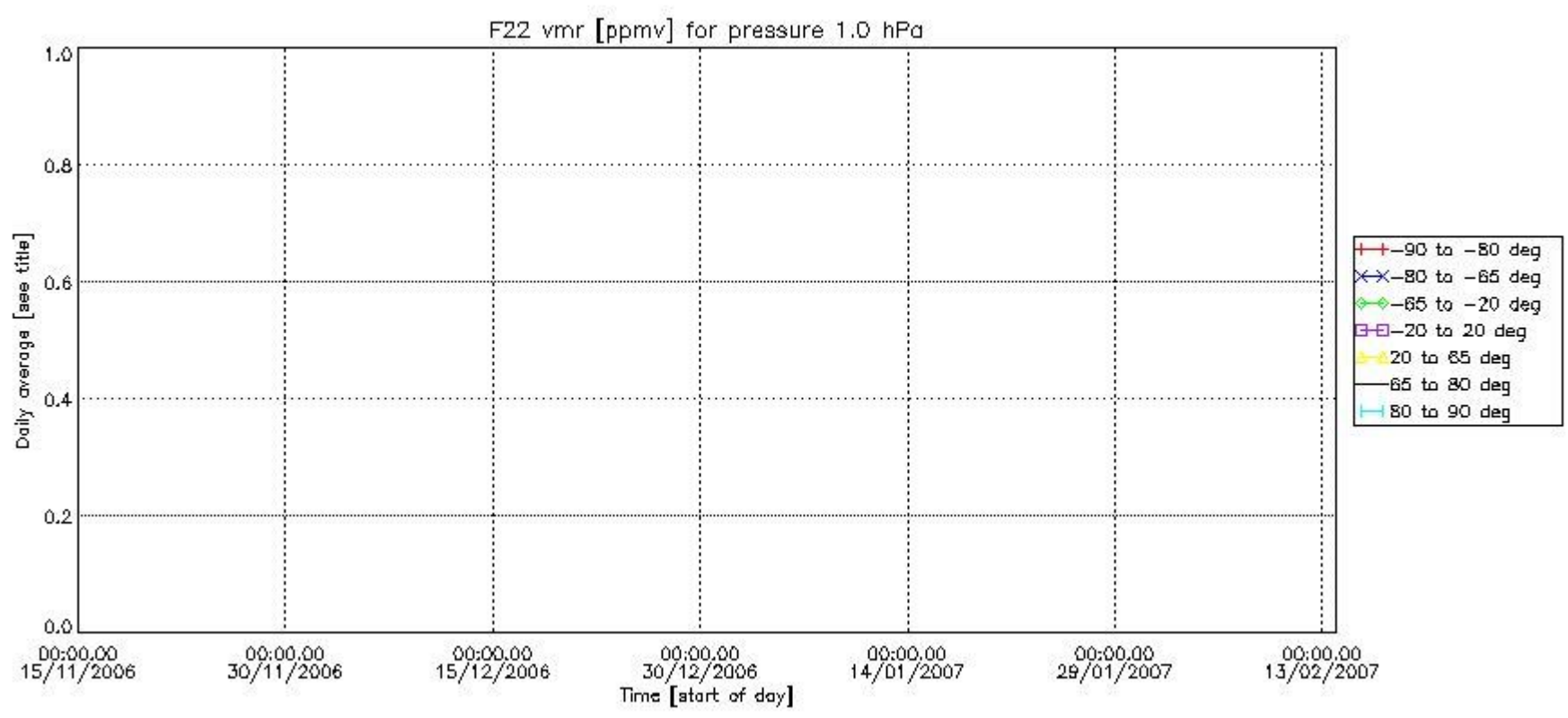












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

