

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20070112.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 09:50:29
Data source version	ML2PP/7.03-W
Processing scope for products	12JAN2007 00:00:00 to 13JAN2007 00:00:00
Start time of first product within scope	11JAN2007 22:45:46
Stop time of last product within scope	12JAN2007 23:43:55
Total number of level 2 products	15
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.

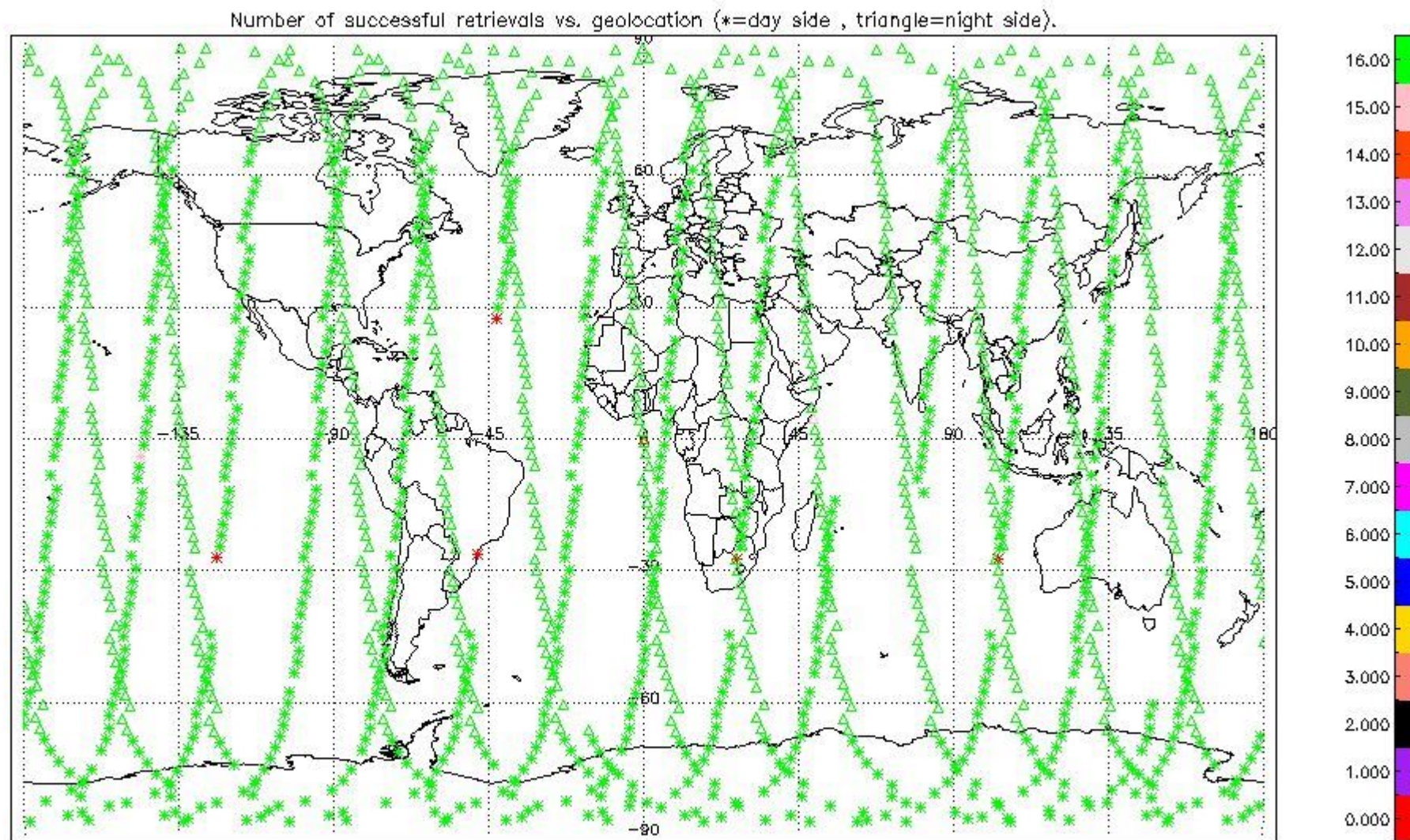
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20070111_224546_000060352054_00345_25449_1000.N1	11JAN2007 22:45:46	12JAN2007 00:26:21	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:3]
1	MIP_NL__2PWDSI20070112_002627_000059912054_00346_25450_1000.N1	12JAN2007 00:26:27	12JAN2007 02:06:18	0	132/132	VMR_TERM_MACRO_MICRO[HCN/micro:1]
2	MIP_NL__2PWDSI20070112_020654_000060342054_00347_25451_1000.N1	12JAN2007 02:06:54	12JAN2007 03:47:28	0	129/129	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]
3	MIP_NL__2PWDSI20070112_034734_000036652054_00348_25452_1000.N1	12JAN2007 03:47:34	12JAN2007 04:48:39	0	81/81	
4	MIP_NL__2PWDSI20070112_062912_000023342054_00349_25453_1000.N1	12JAN2007 06:29:12	12JAN2007 07:08:06	0	52/52	
5	MIP_NL__2PWDSI20070112_070841_000060342054_00350_25454_1000.N1	12JAN2007 07:08:41	12JAN2007 08:49:15	0	129/129	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:1]
6	MIP_NL__2PWDSI20070112_084922_000060352054_00351_25455_1000.N1	12JAN2007 08:49:22	12JAN2007 10:29:56	0	133/133	VMR_TERM_MACRO_MICRO[HCN/micro:4]
7	MIP_NL__2PWDSI20070112_103003_000059912054_00352_25456_1000.N1	12JAN2007 10:30:03	12JAN2007 12:09:54	0	132/132	VMR_TERM_MACRO_MICRO[H2O/micro:1; CCL4/micro:1; HCN/micro:5]
8	MIP_NL__2PWDSI20070112_121029_000060342054_00353_25457_1000.N1	12JAN2007 12:10:29	12JAN2007 13:51:03	0	110/110	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
9	MIP_NL__2PWDSI20070112_135109_000060352054_00354_25458_1000.N1	12JAN2007 13:51:09	12JAN2007 15:31:44	0	133/133	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]
10	MIP_NL__2PWDSI20070112_153150_000059912054_00355_25459_1000.N1	12JAN2007 15:31:50	12JAN2007 17:11:41	0	132/132	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:3]
11	MIP_NL__2PWDSI20070112_171216_000060352054_00356_25460_1000.N1	12JAN2007 17:12:16	12JAN2007 18:52:51	0	129/129	VMR_TERM_MACRO_MICRO[HCN/micro:1]
12	MIP_NL__2PWDSI20070112_185257_000060352054_00357_25461_1000.N1	12JAN2007 18:52:57	12JAN2007 20:33:32	0	133/133	VMR_TERM_MACRO_MICRO[HCN/micro:2]
13	MIP_NL__2PWDSI20070112_203338_000059912054_00358_25462_1000.N1	12JAN2007 20:33:38	12JAN2007 22:13:29	0	132/132	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:2; HCN/micro:3]
14	MIP_NL__2PWDSI20070112_221404_000053912054_00359_25463_1000.N1	12JAN2007 22:14:04	12JAN2007 23:43:55	0	119/119	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]

2.2 Processing performance indicators

2.2.1 Successful retrievals

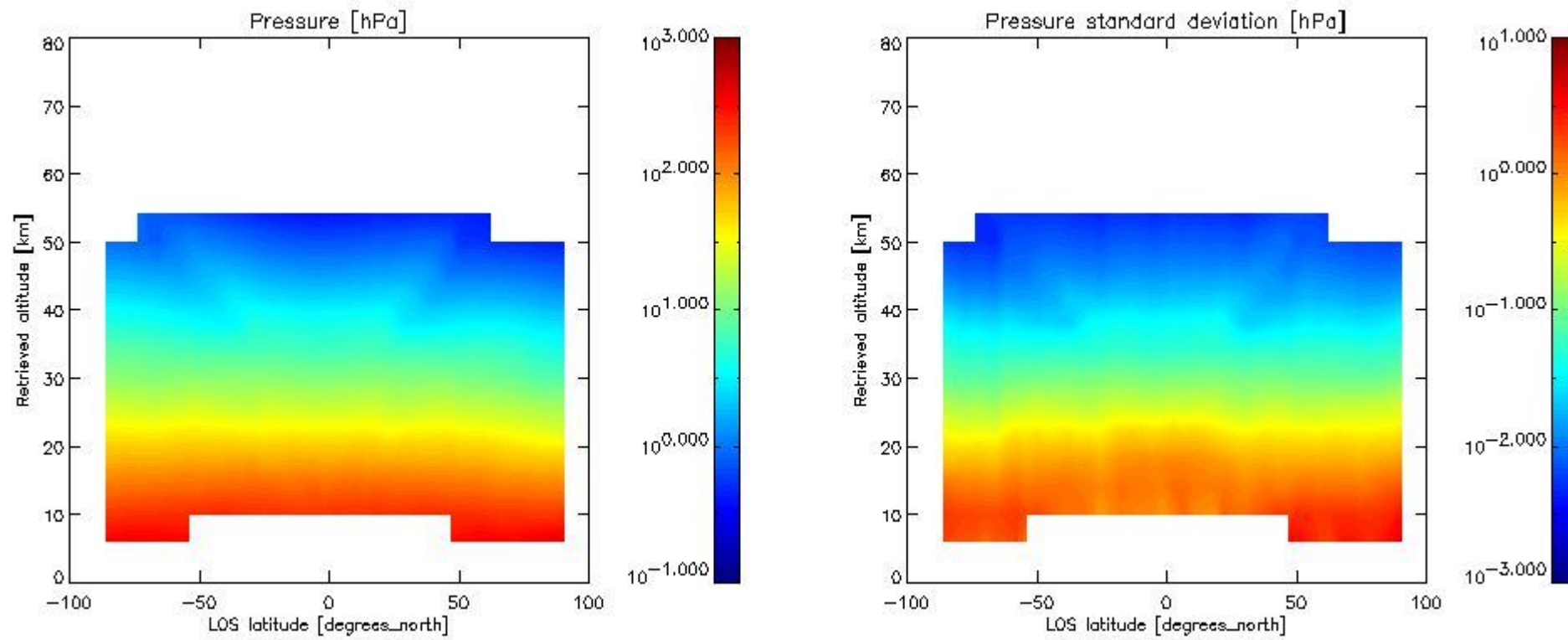
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1809	1702	94.085
H2O	1809	1702	94.085
O3	1809	1702	94.085
HNO3	1809	1702	94.085
CH4	1809	1702	94.085
N2O	1809	1702	94.085
NO2	1809	1702	94.085
F11	1809	1702	94.085
CLNO	1809	1702	94.085
N2O5	1809	1702	94.085
F12	1809	1700	93.975
COF2	1809	1702	94.085
CCL4	1809	1702	94.085
HCN	1809	1702	94.085
F14	1809	1702	94.085
F22	1809	1702	94.085



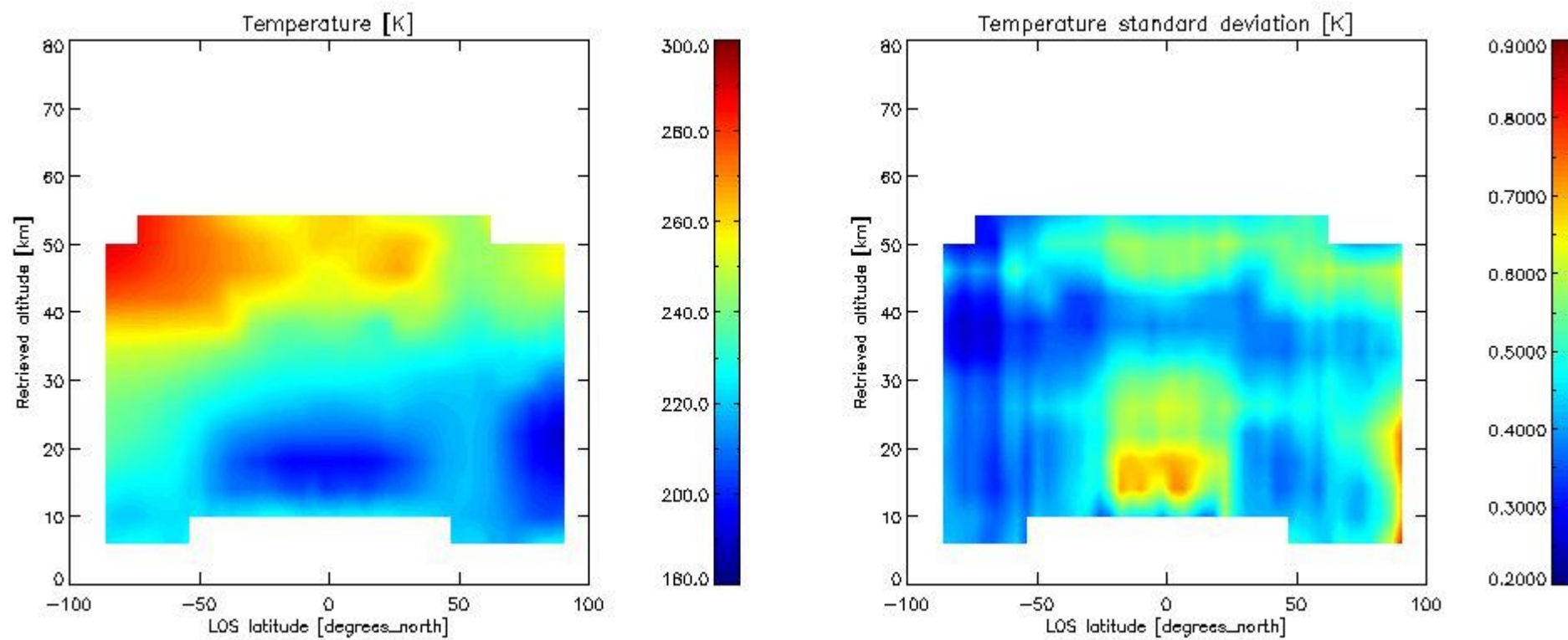
2.2.2 Pressure overview

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



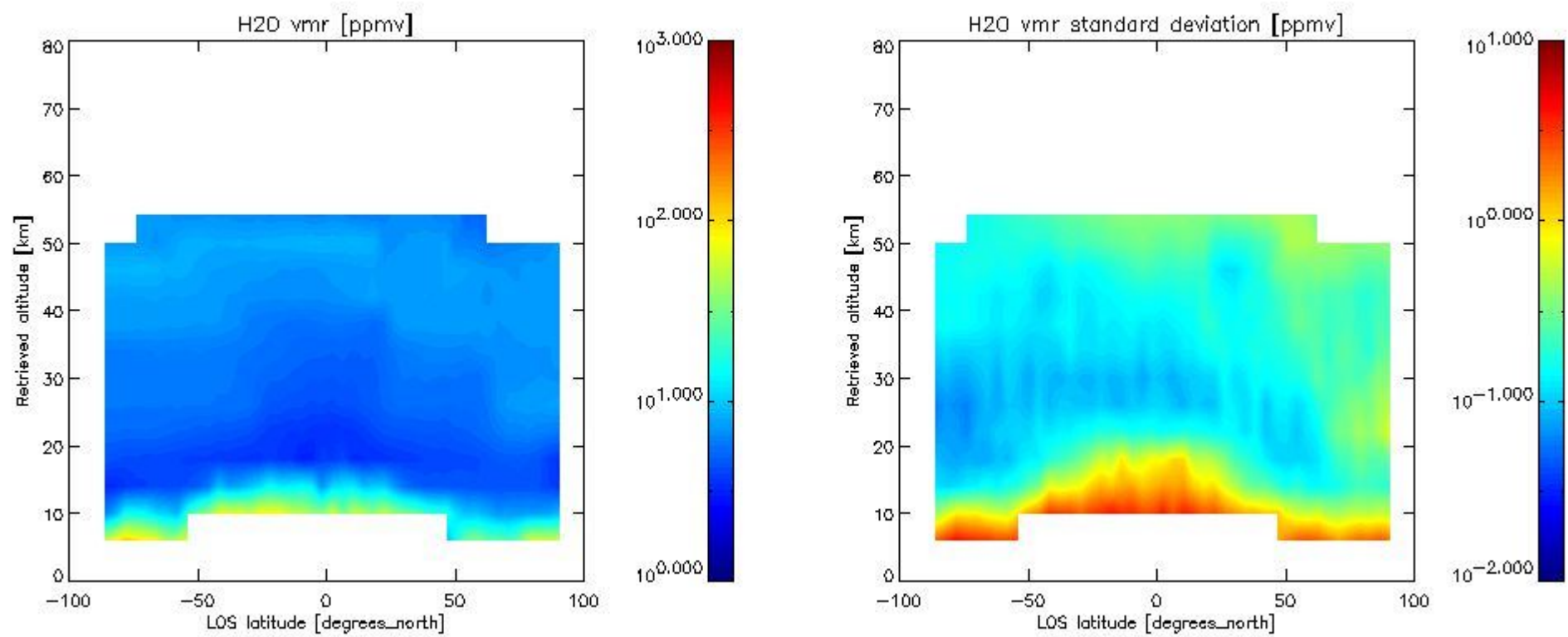
2.2.3 Temperature overview

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

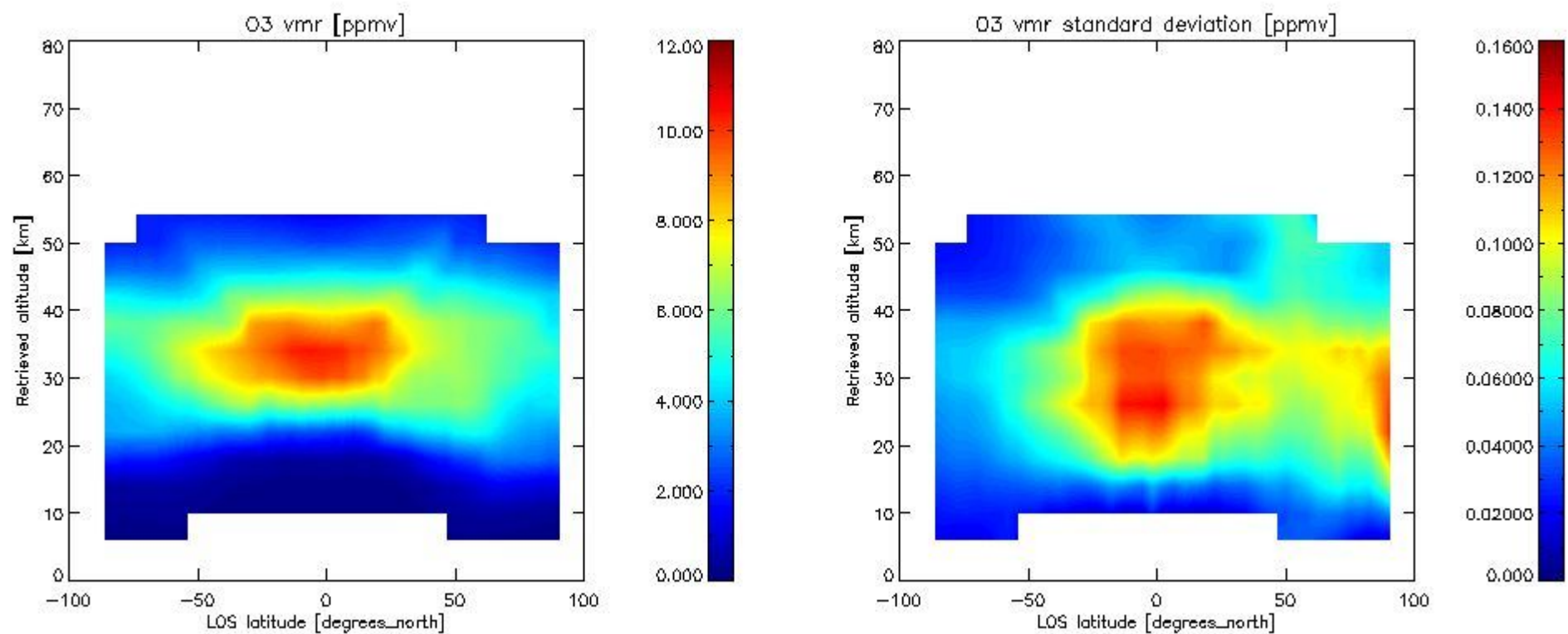


2.2.4 Species overview

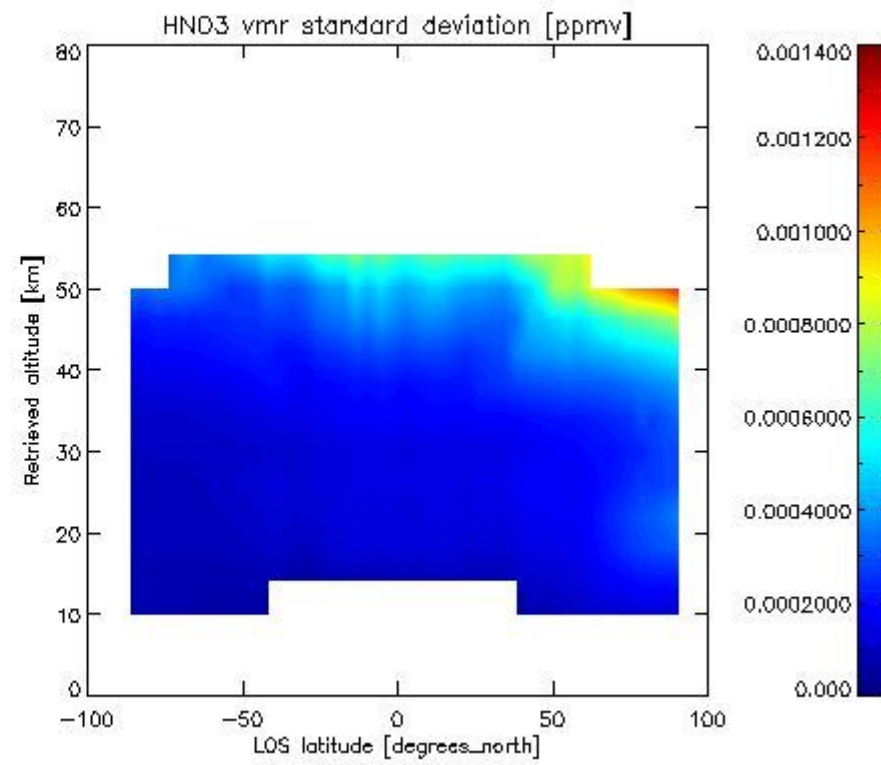
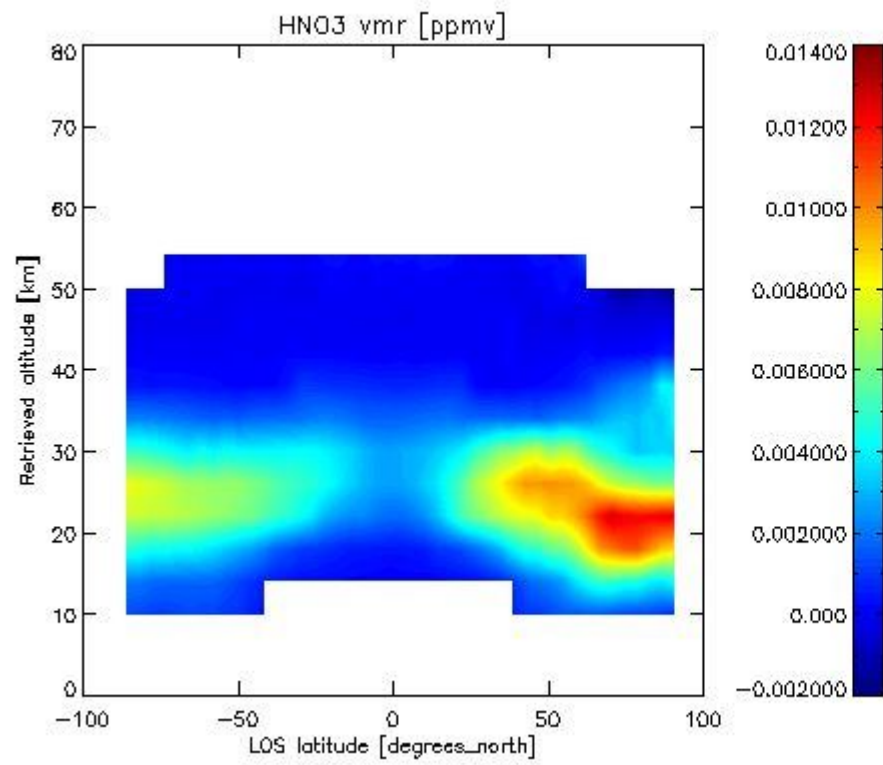
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



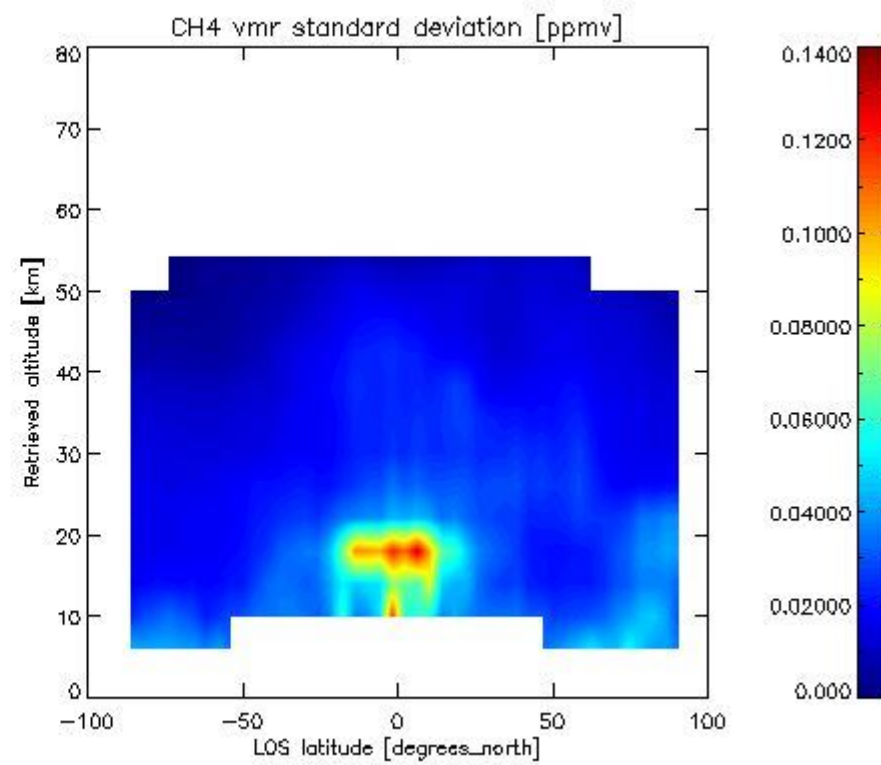
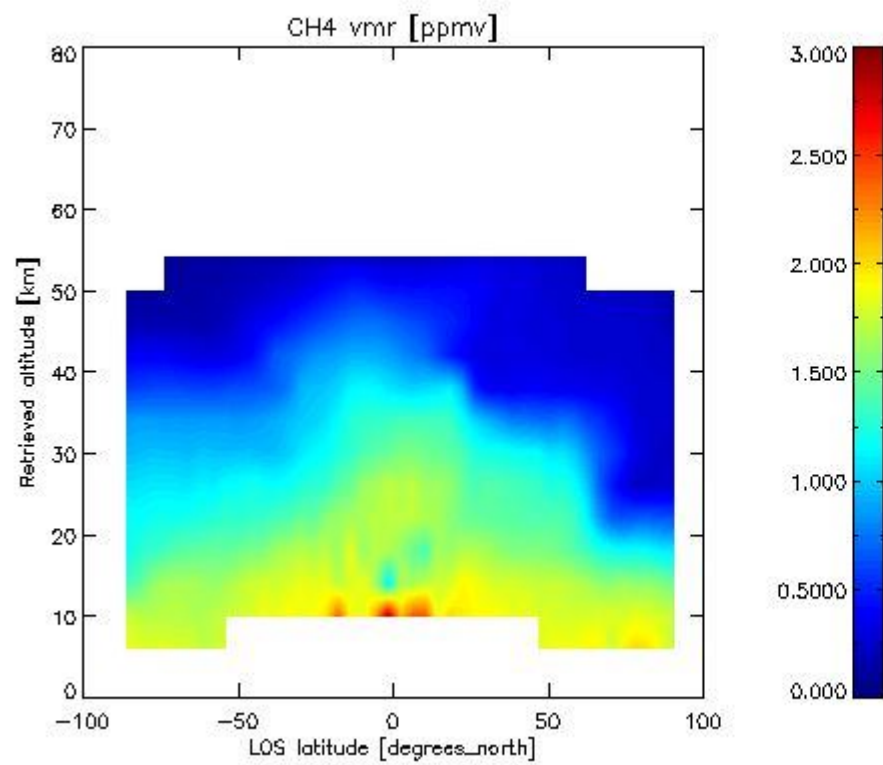
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



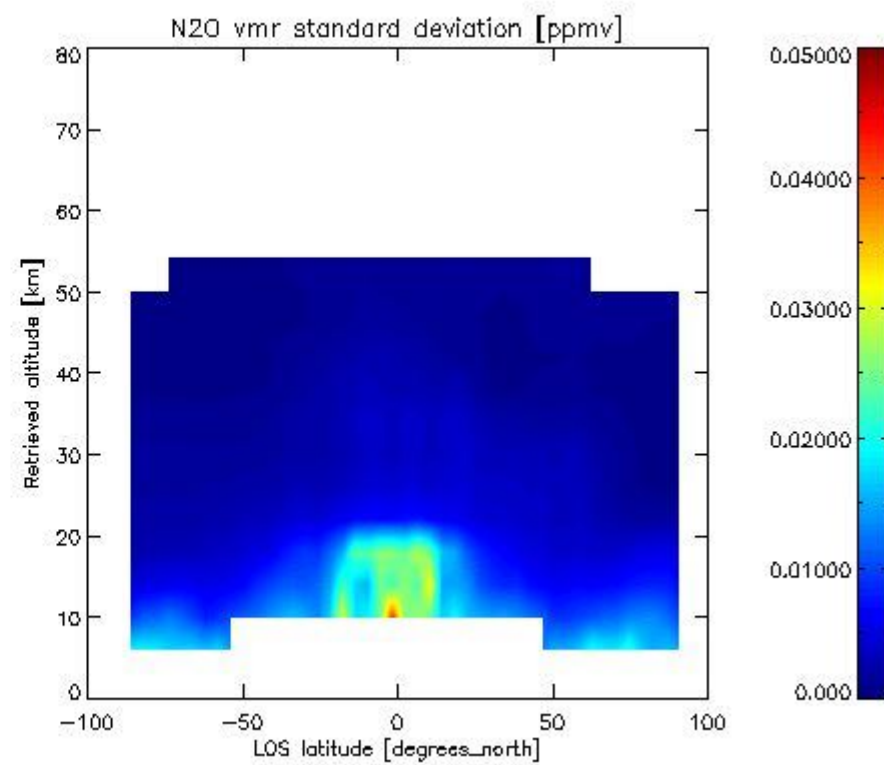
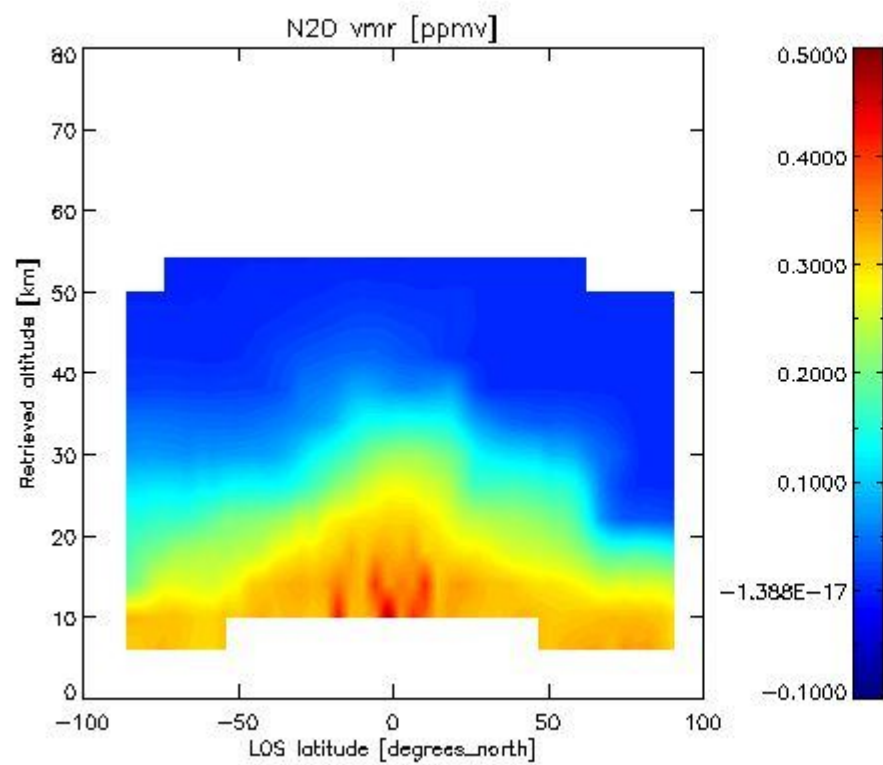
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



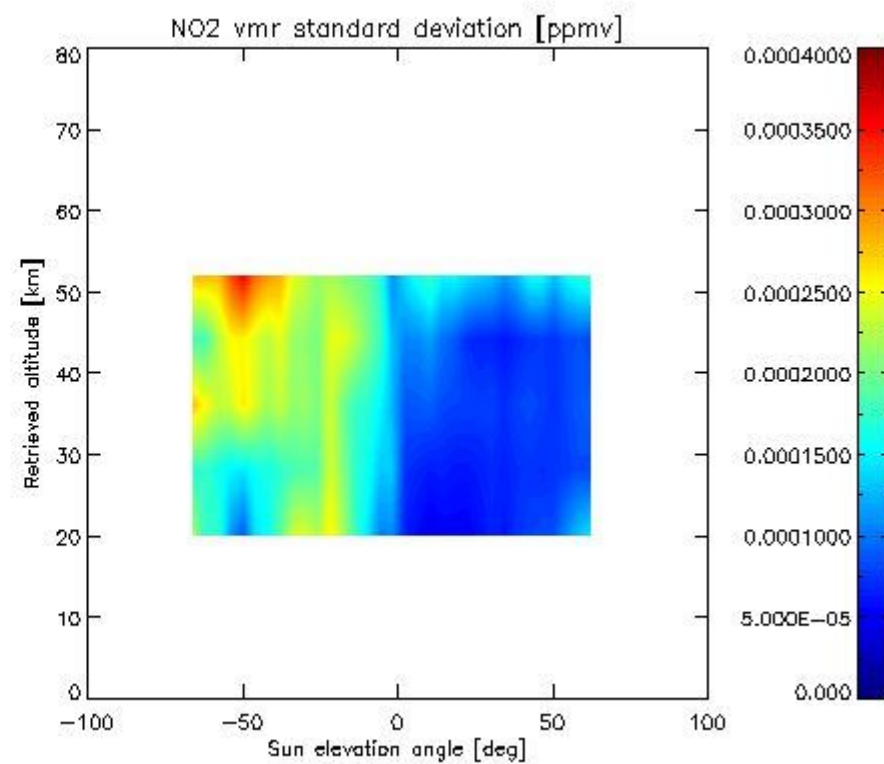
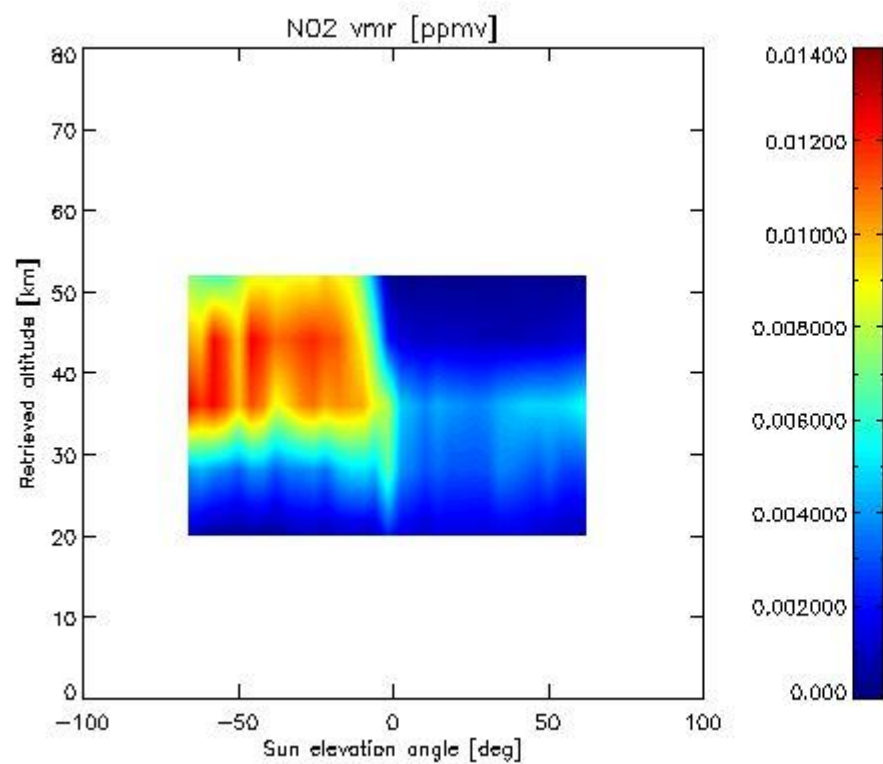
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



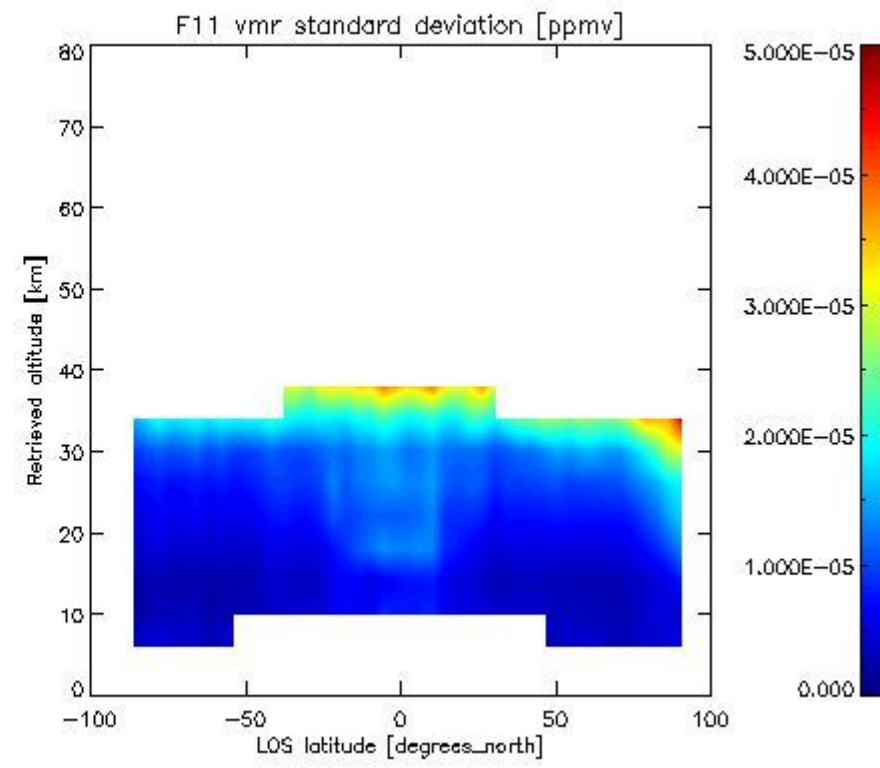
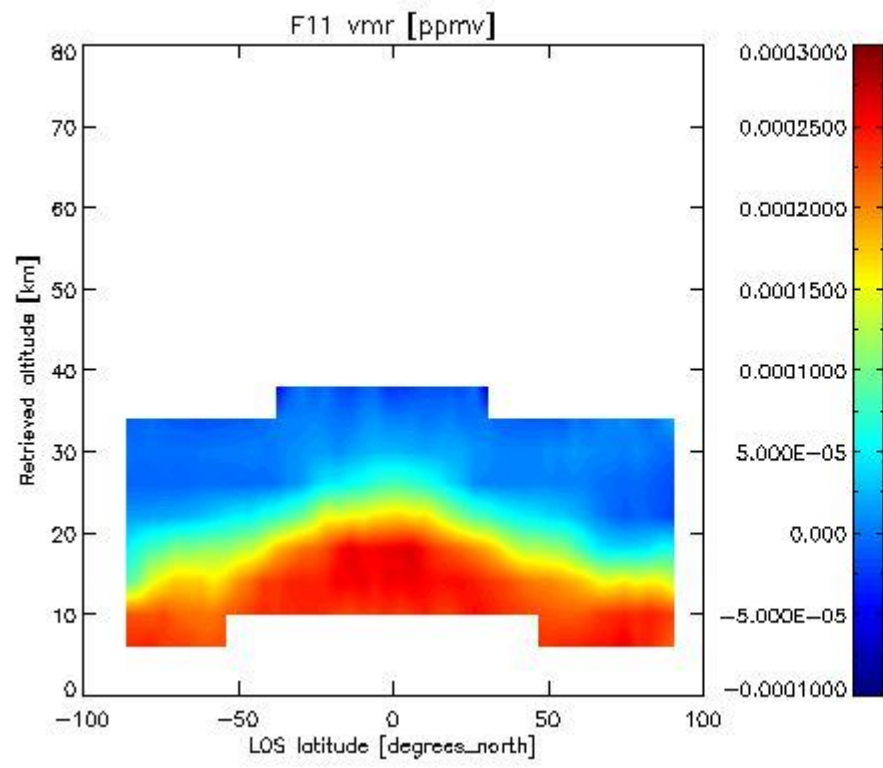
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



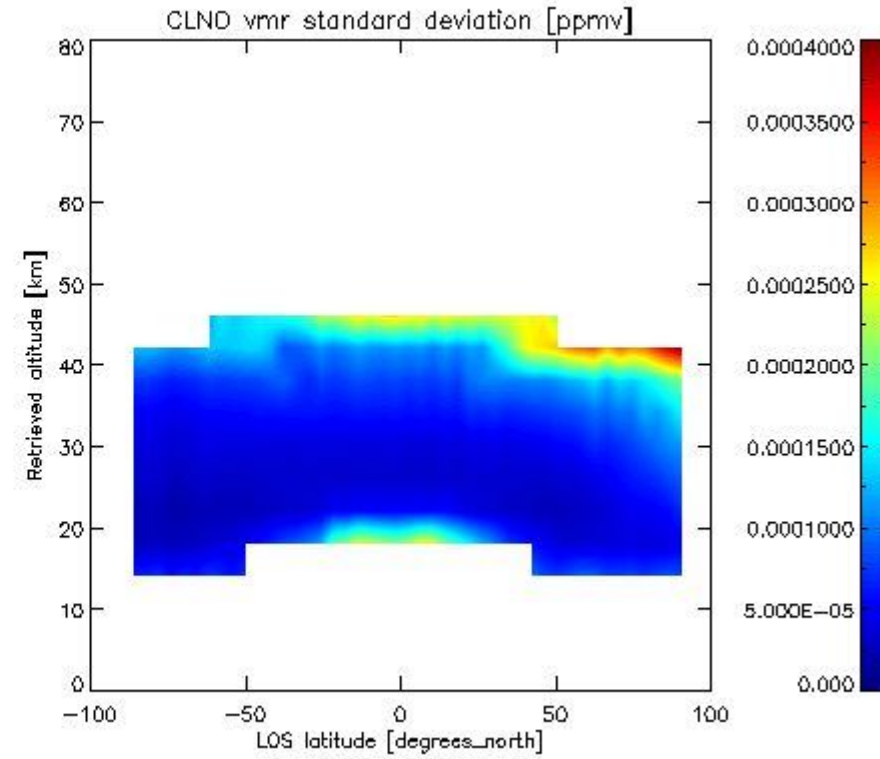
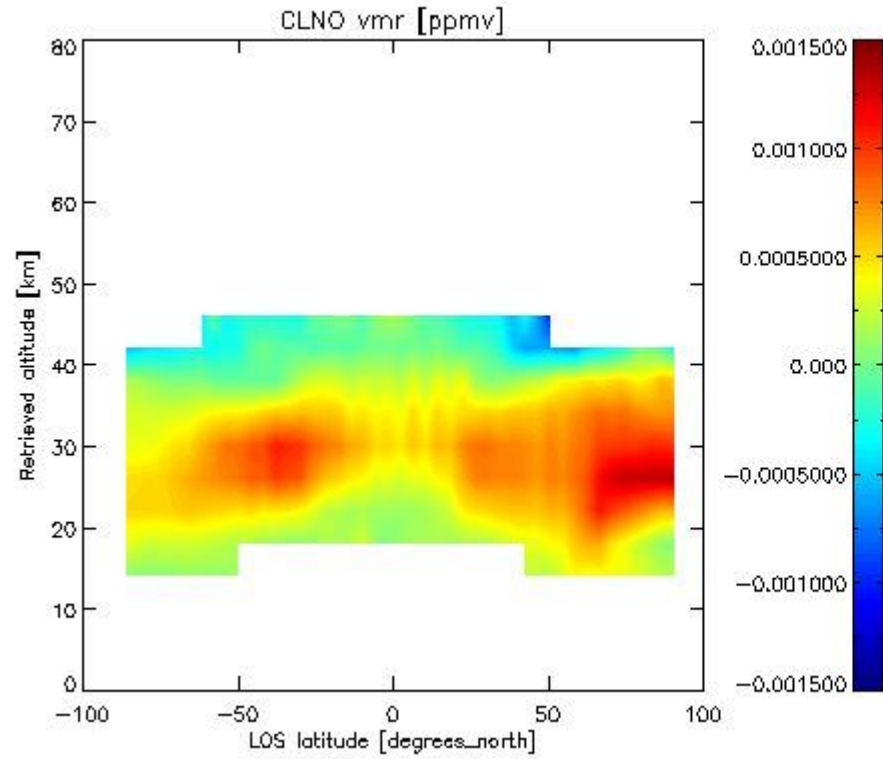
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 8 km.

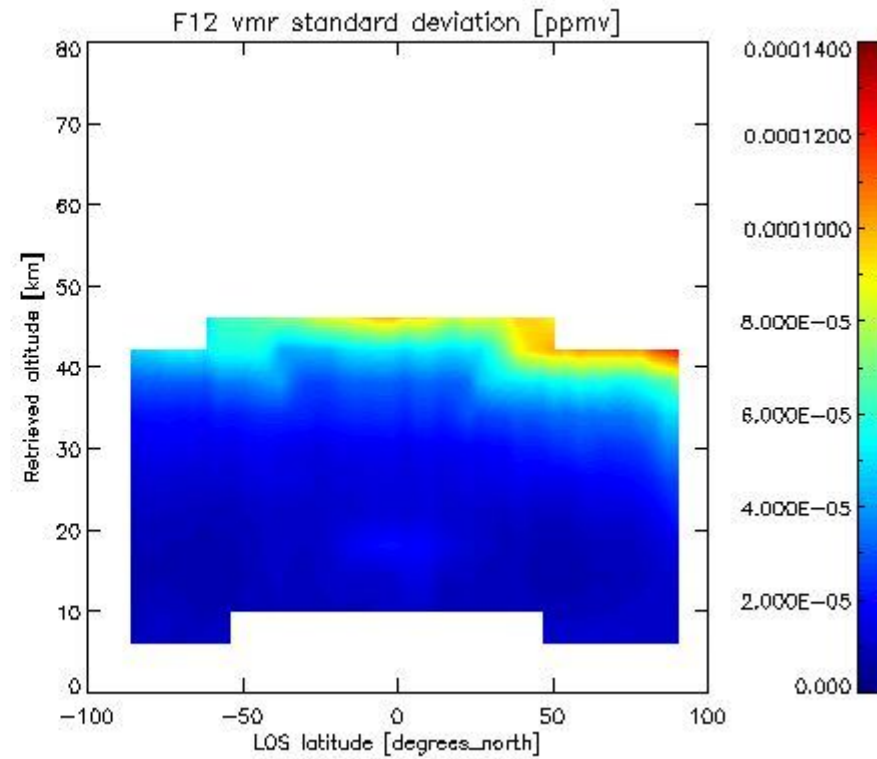
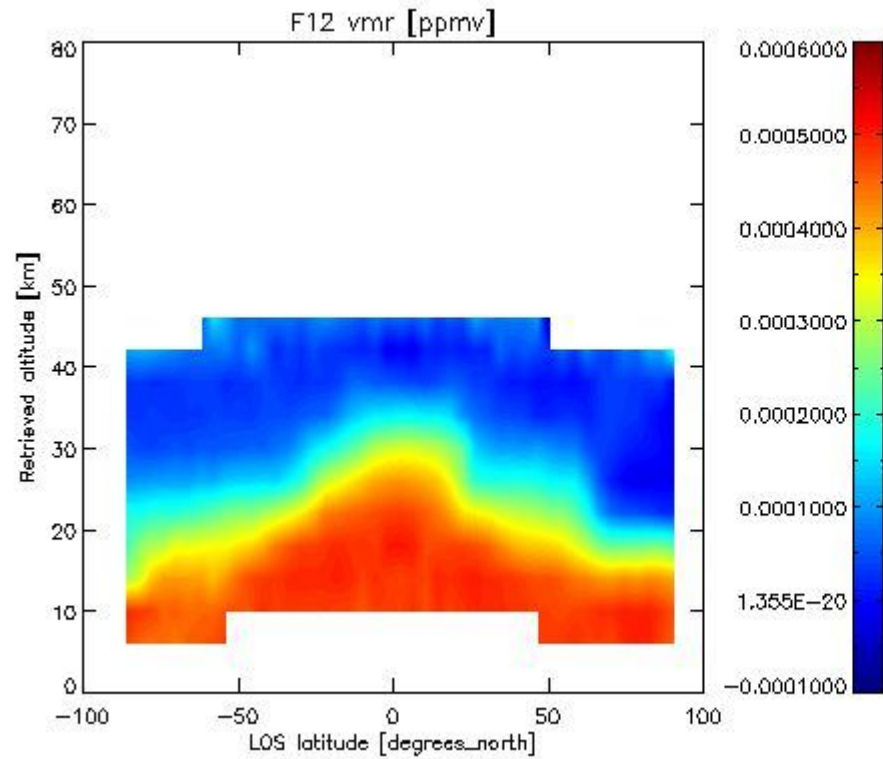
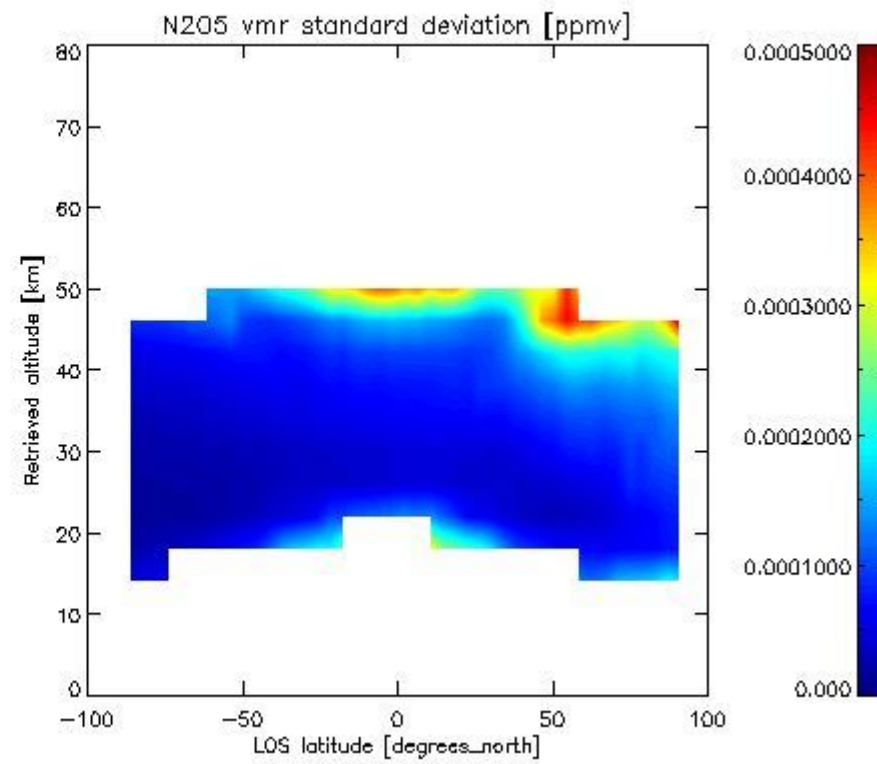
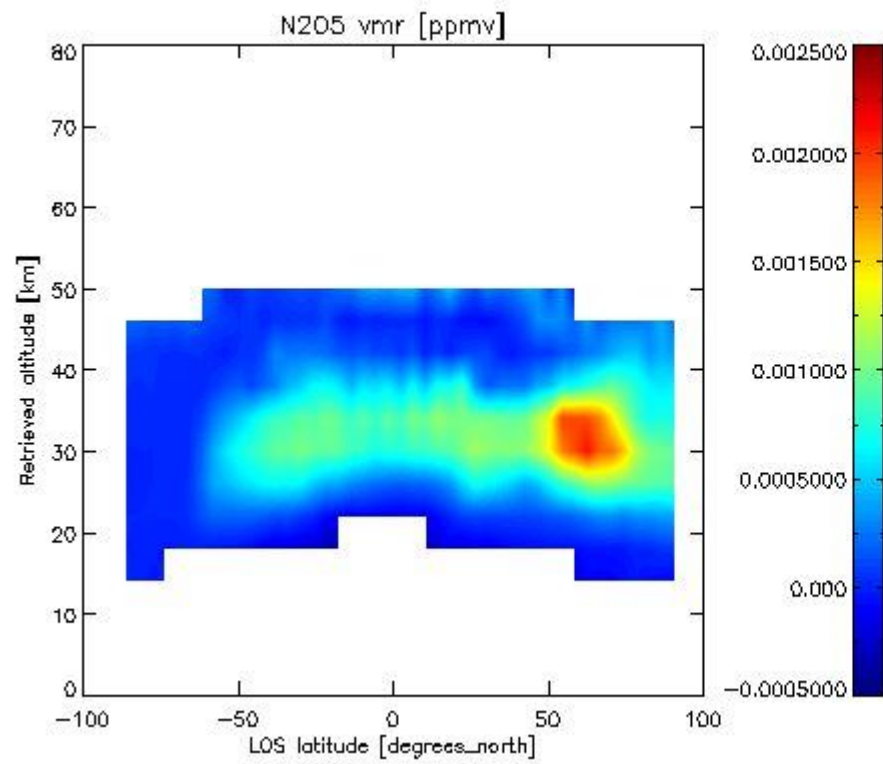


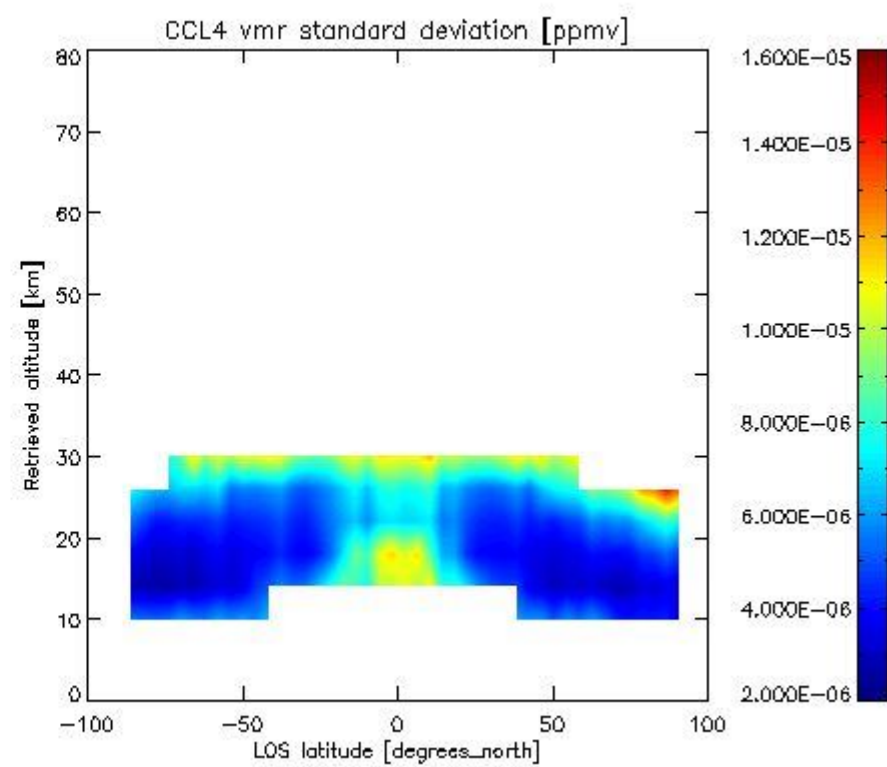
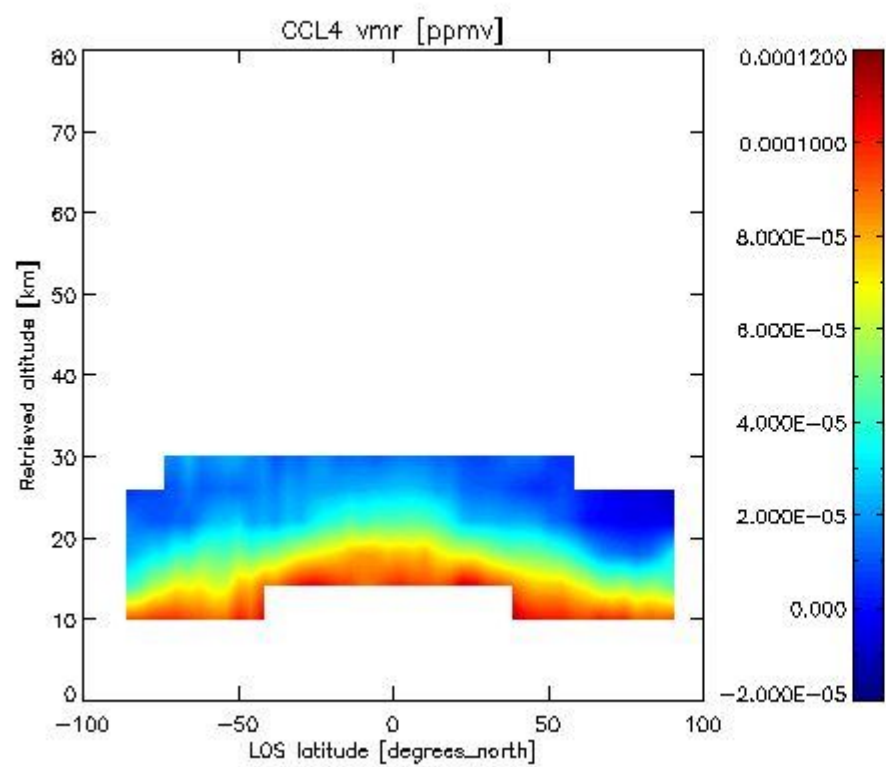
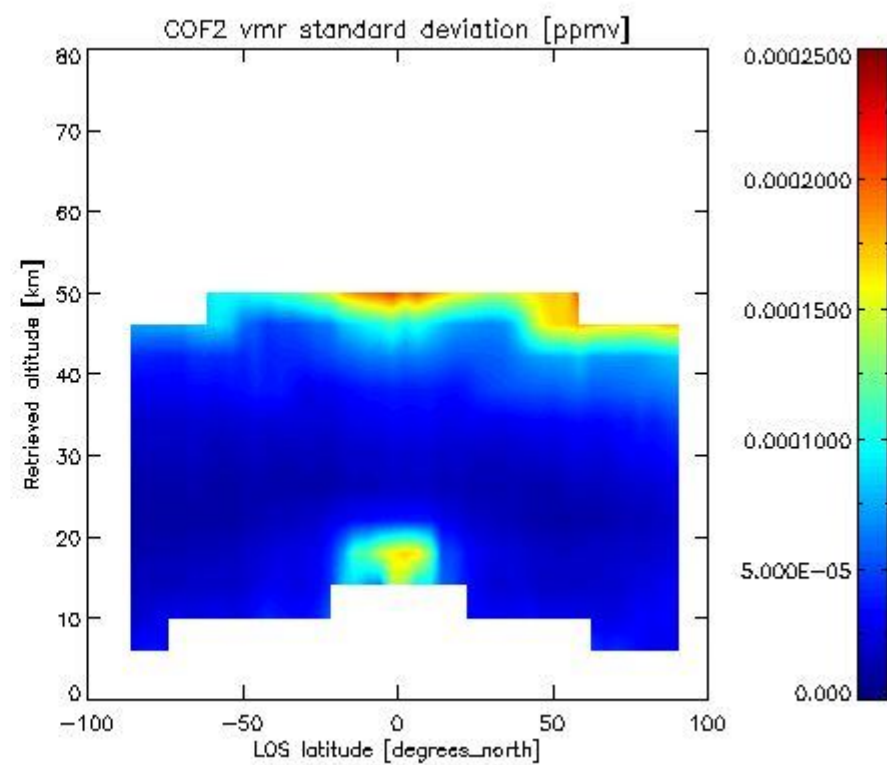
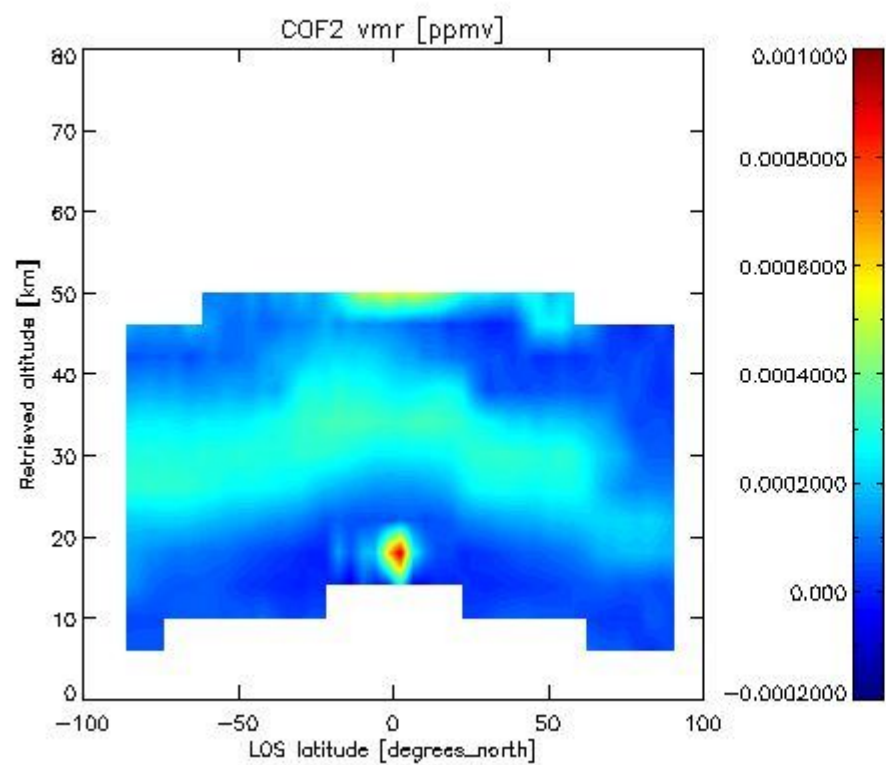
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

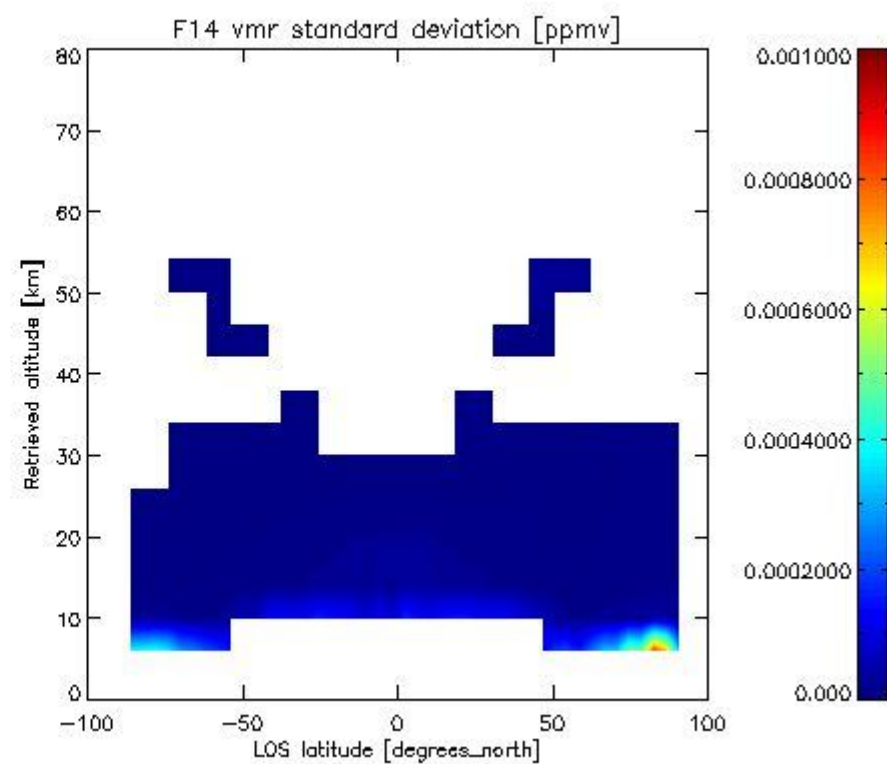
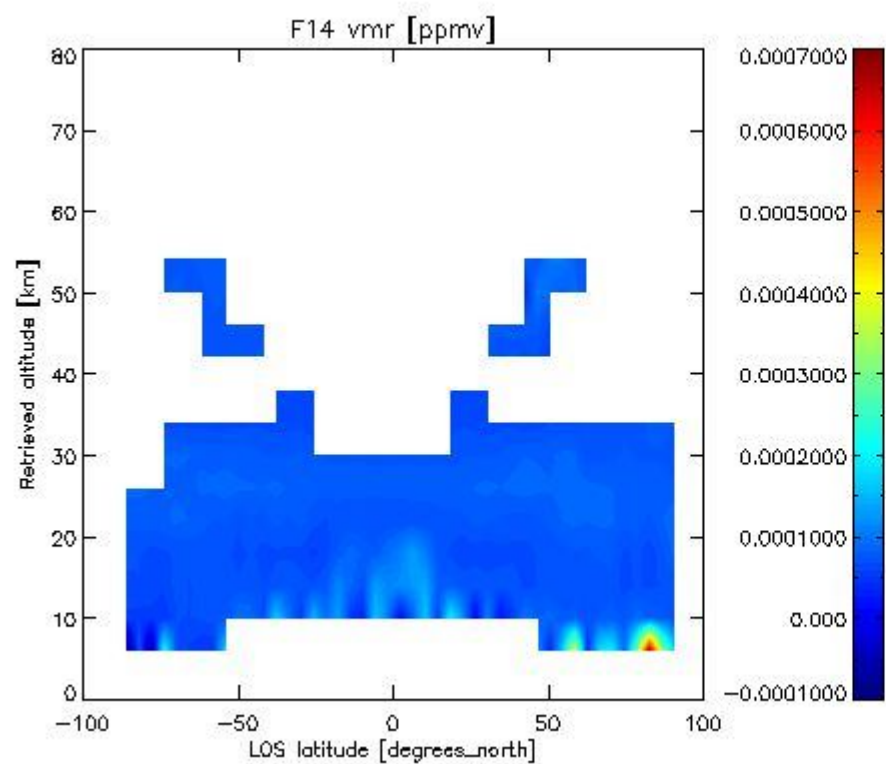
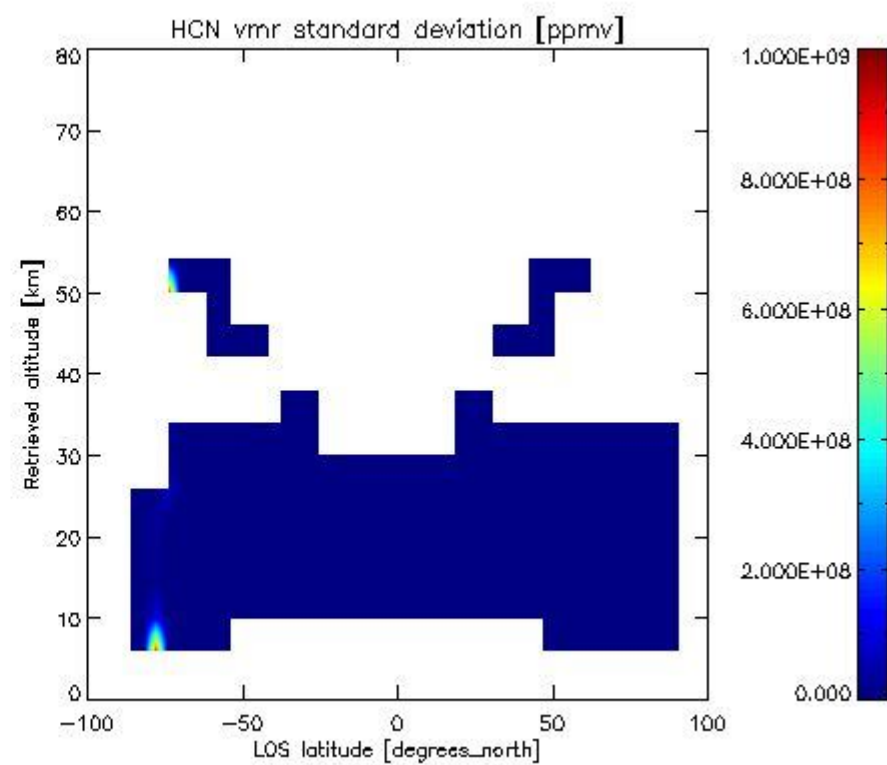
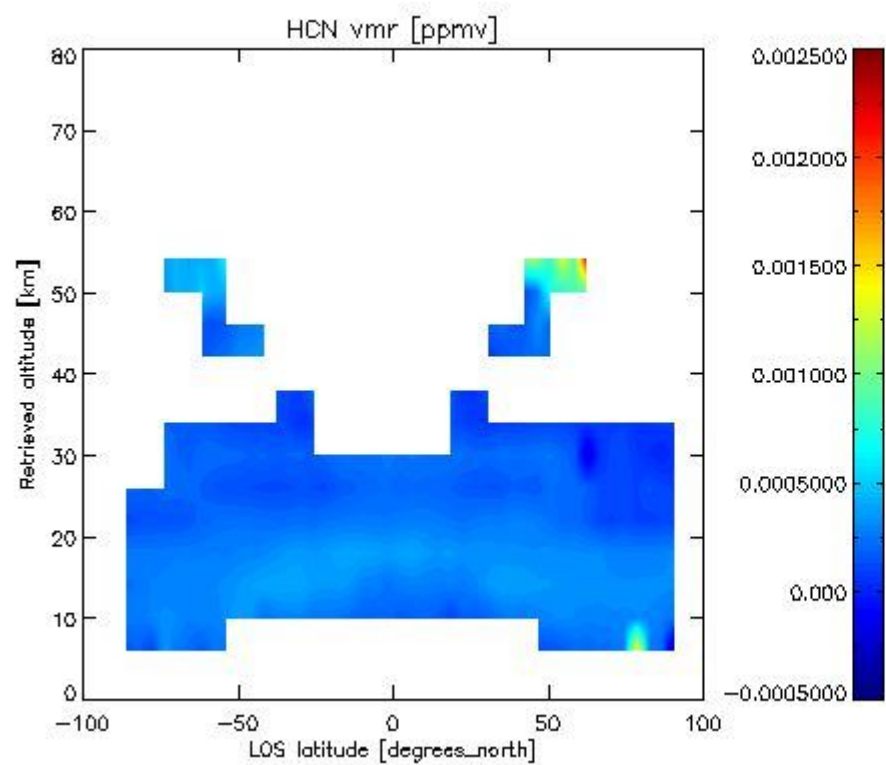


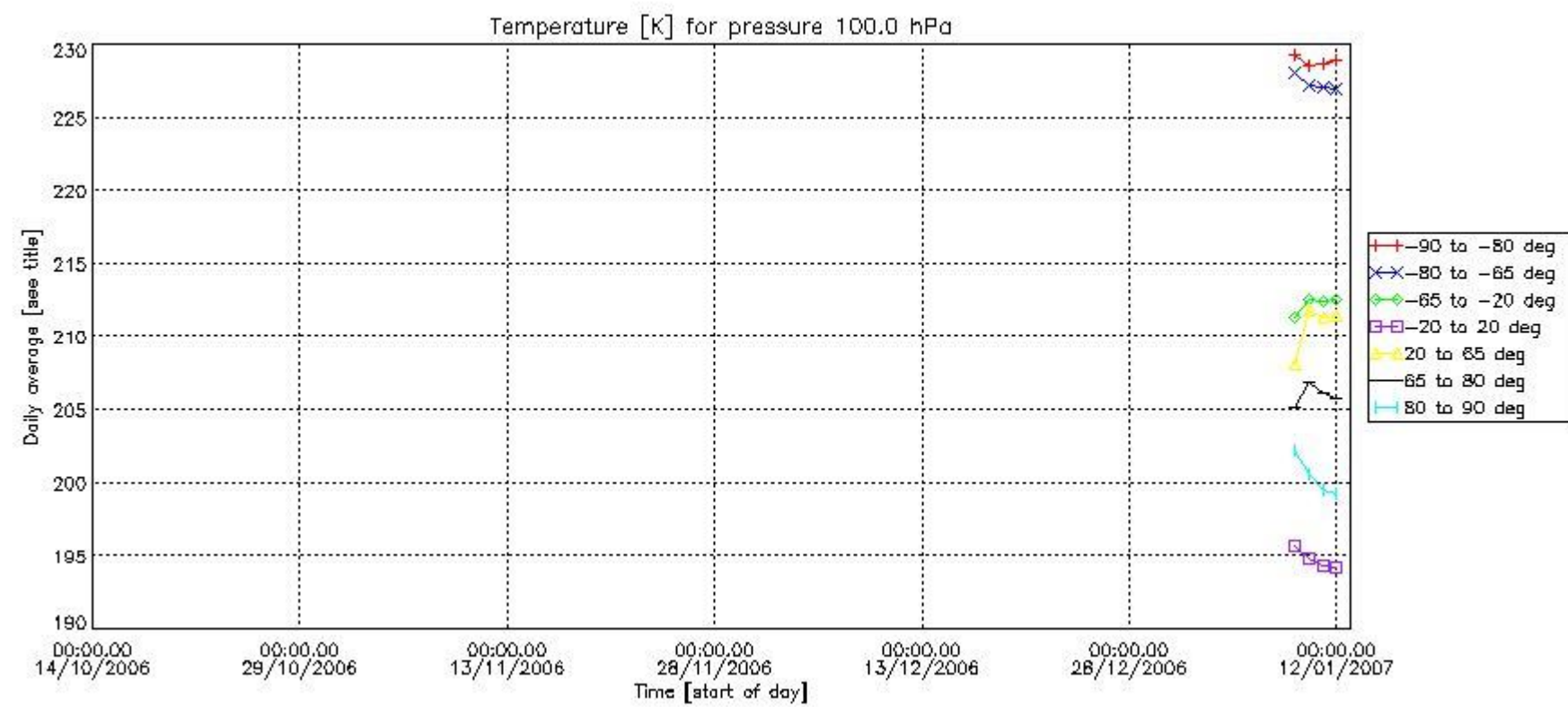
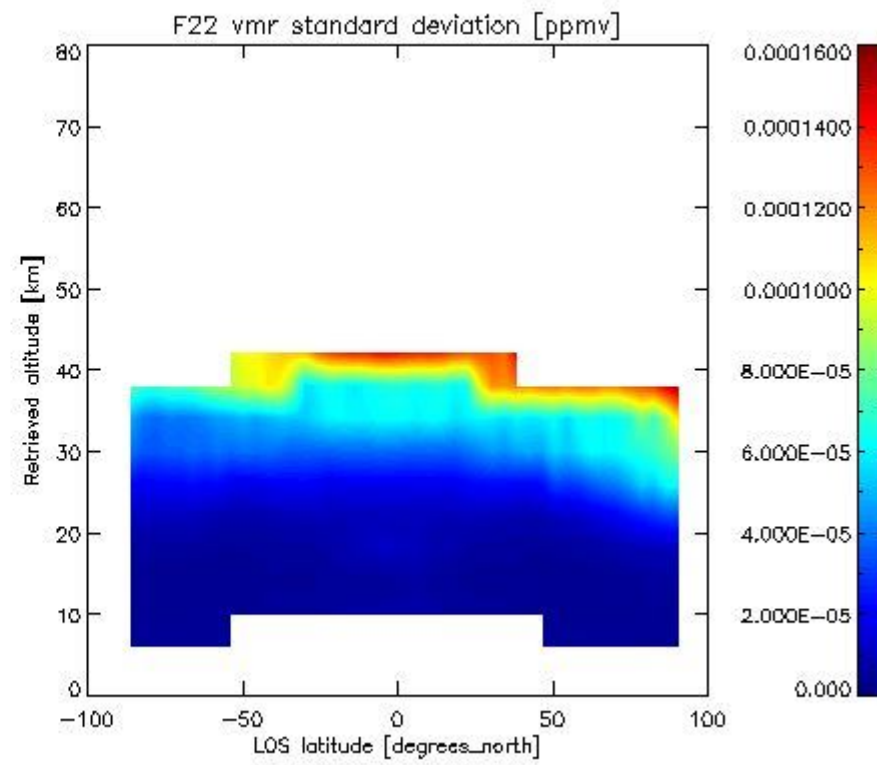
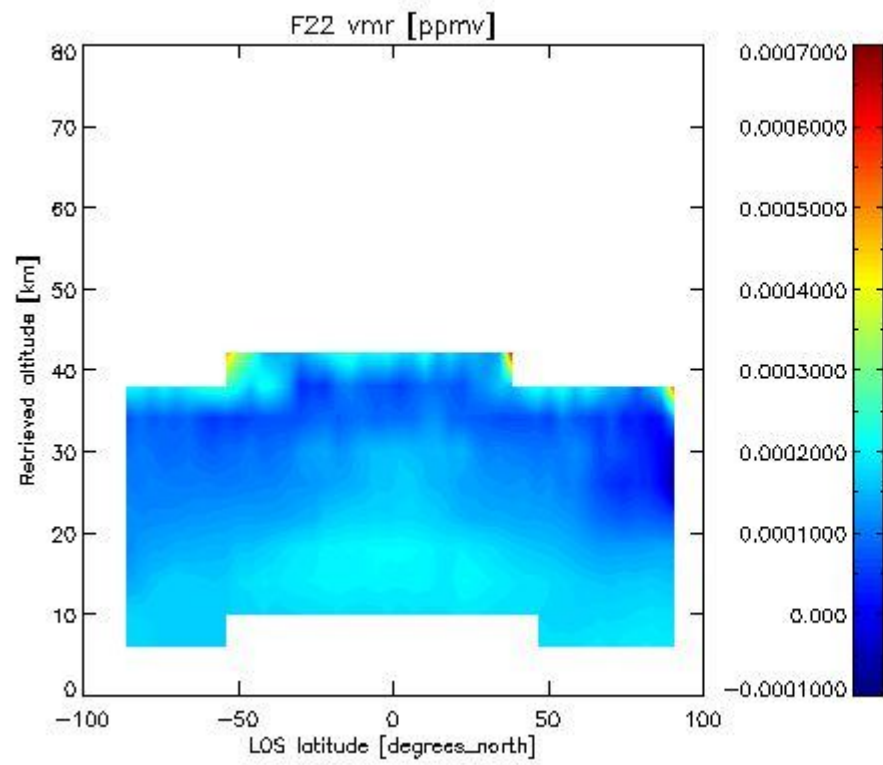
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

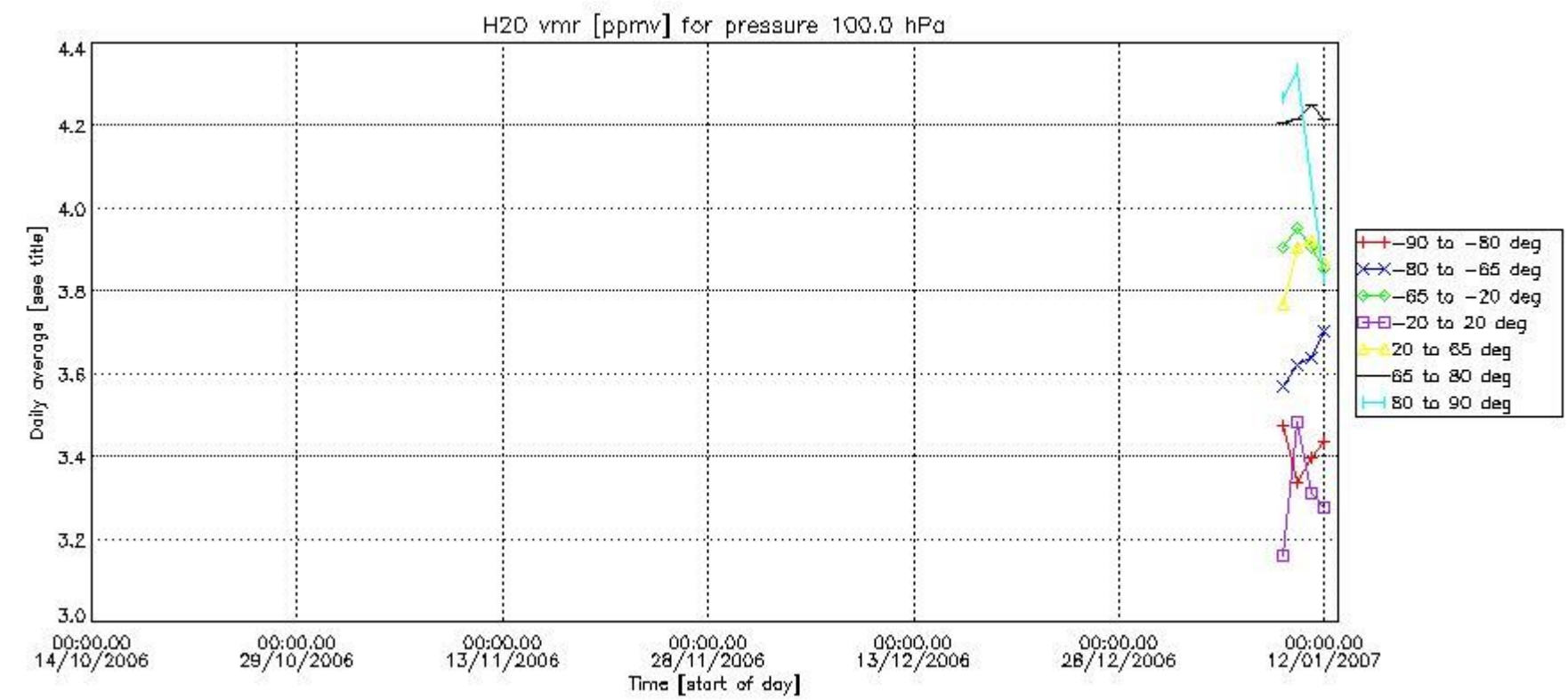
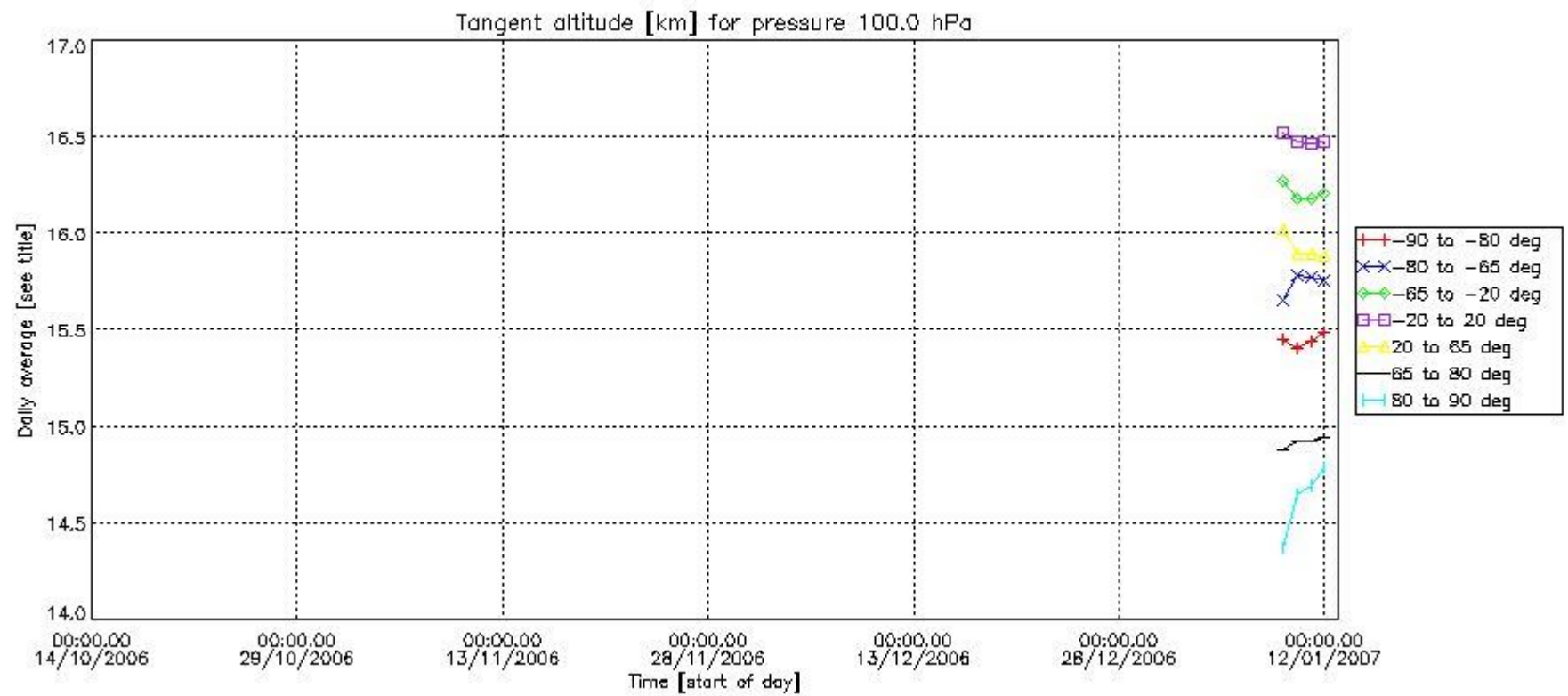


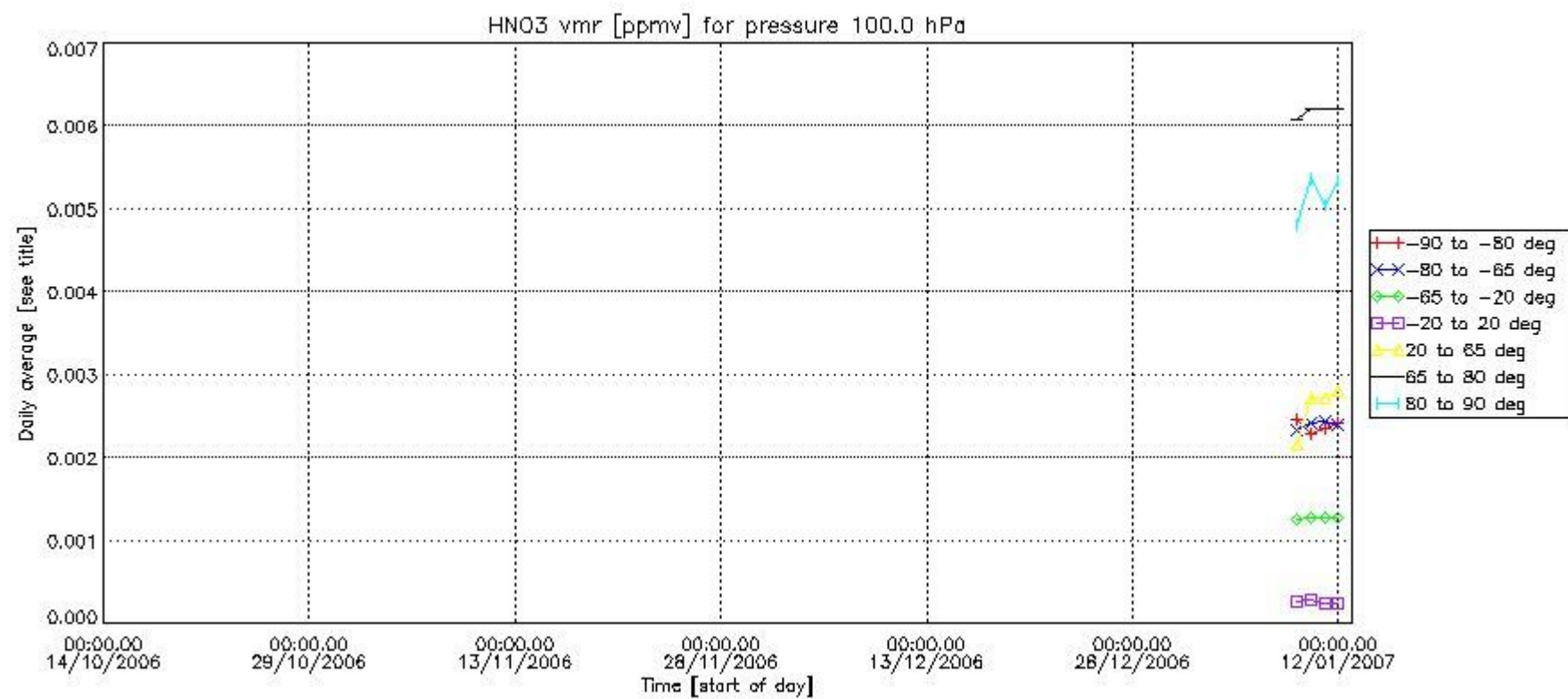
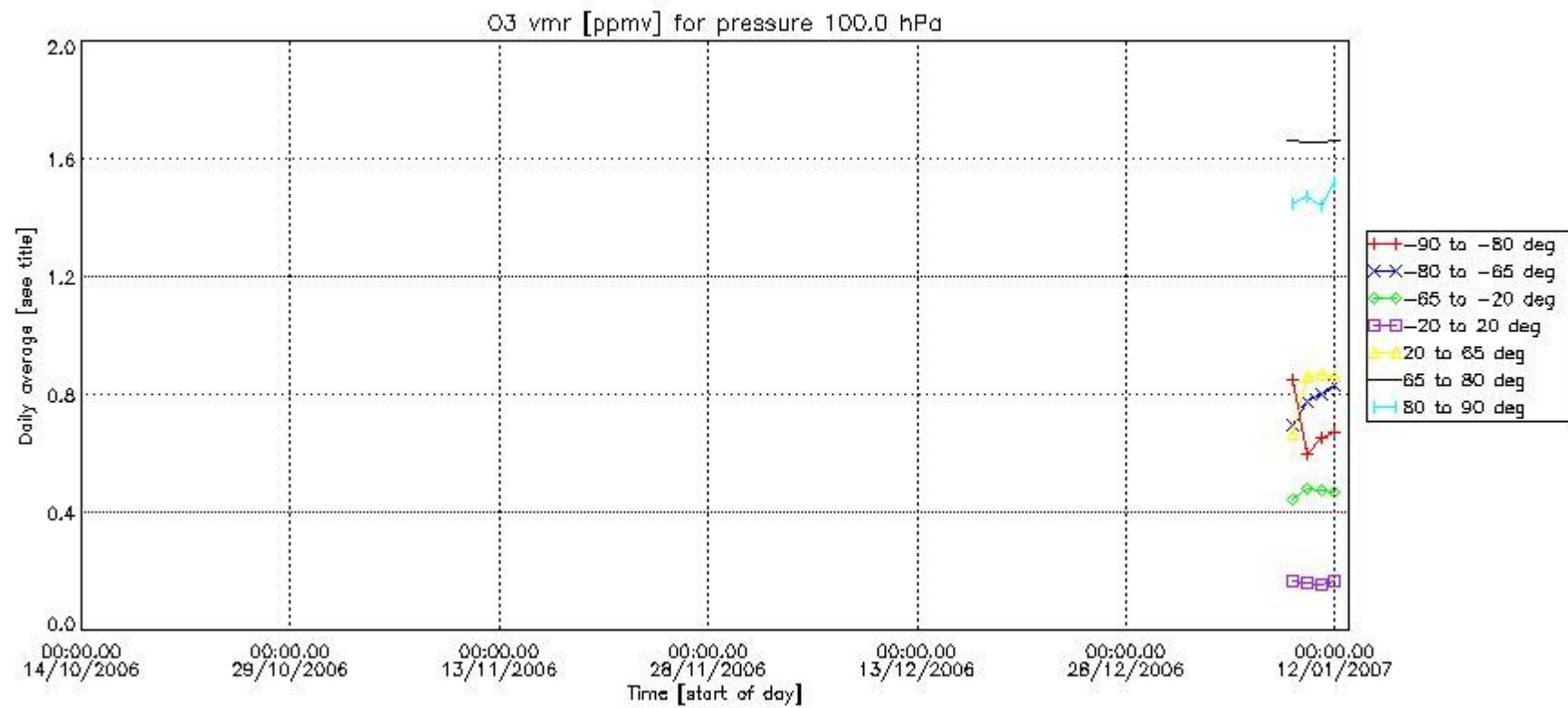


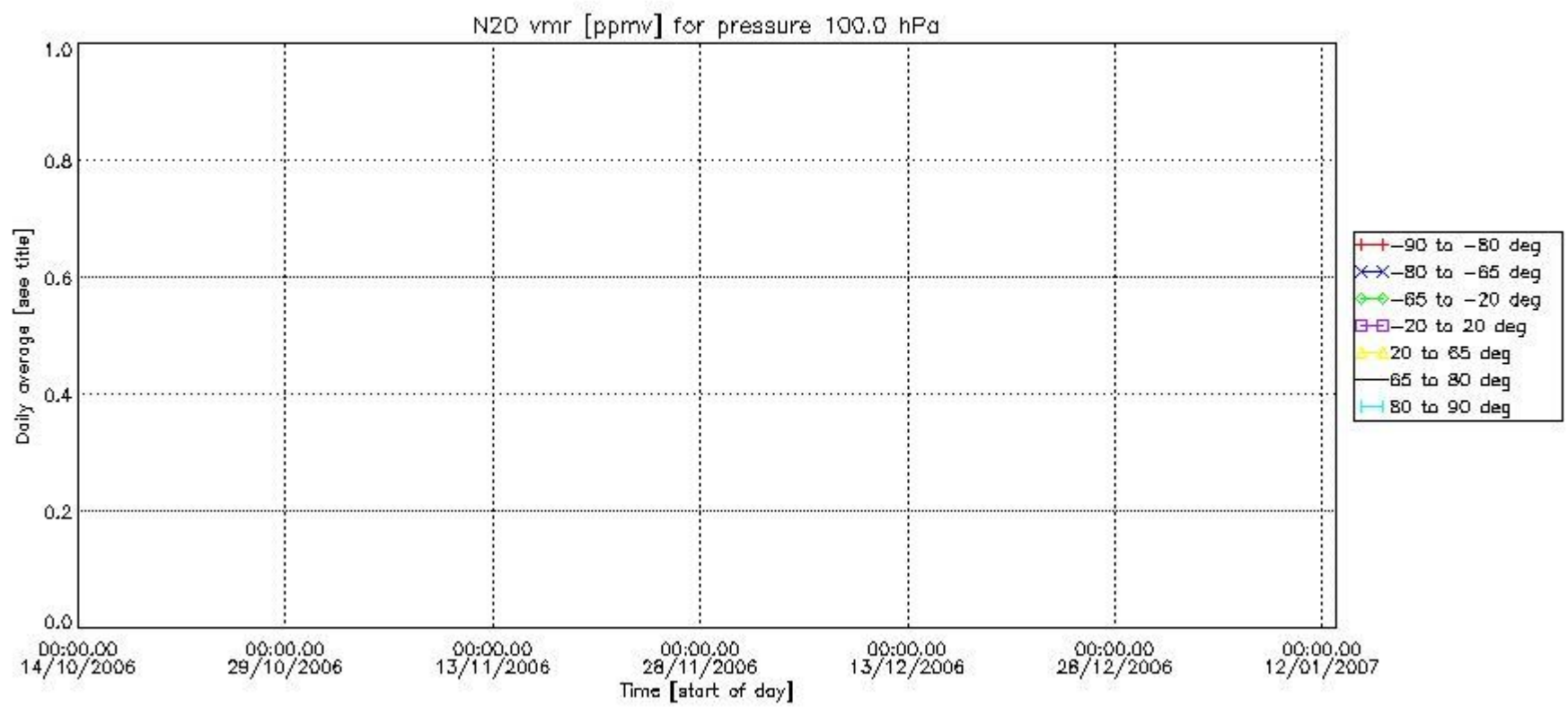
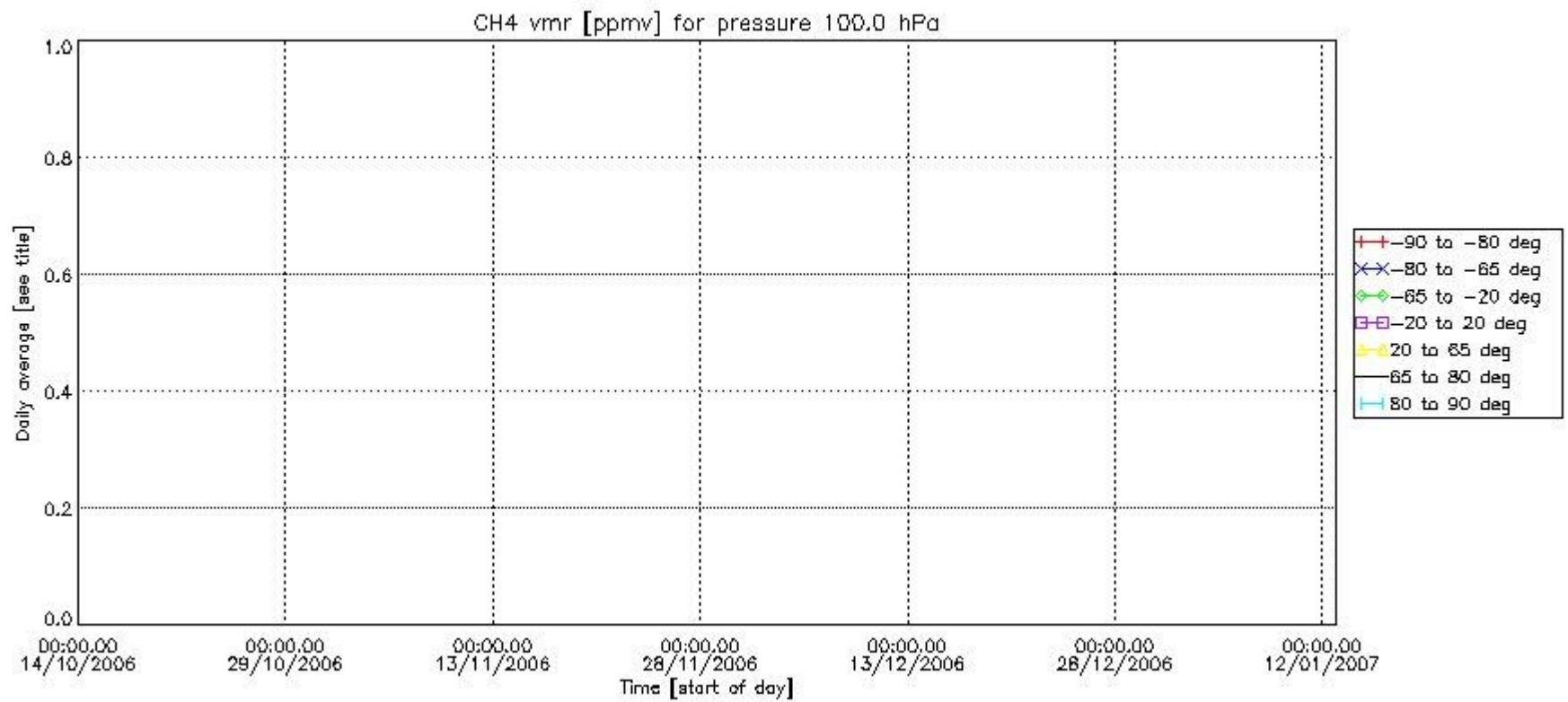


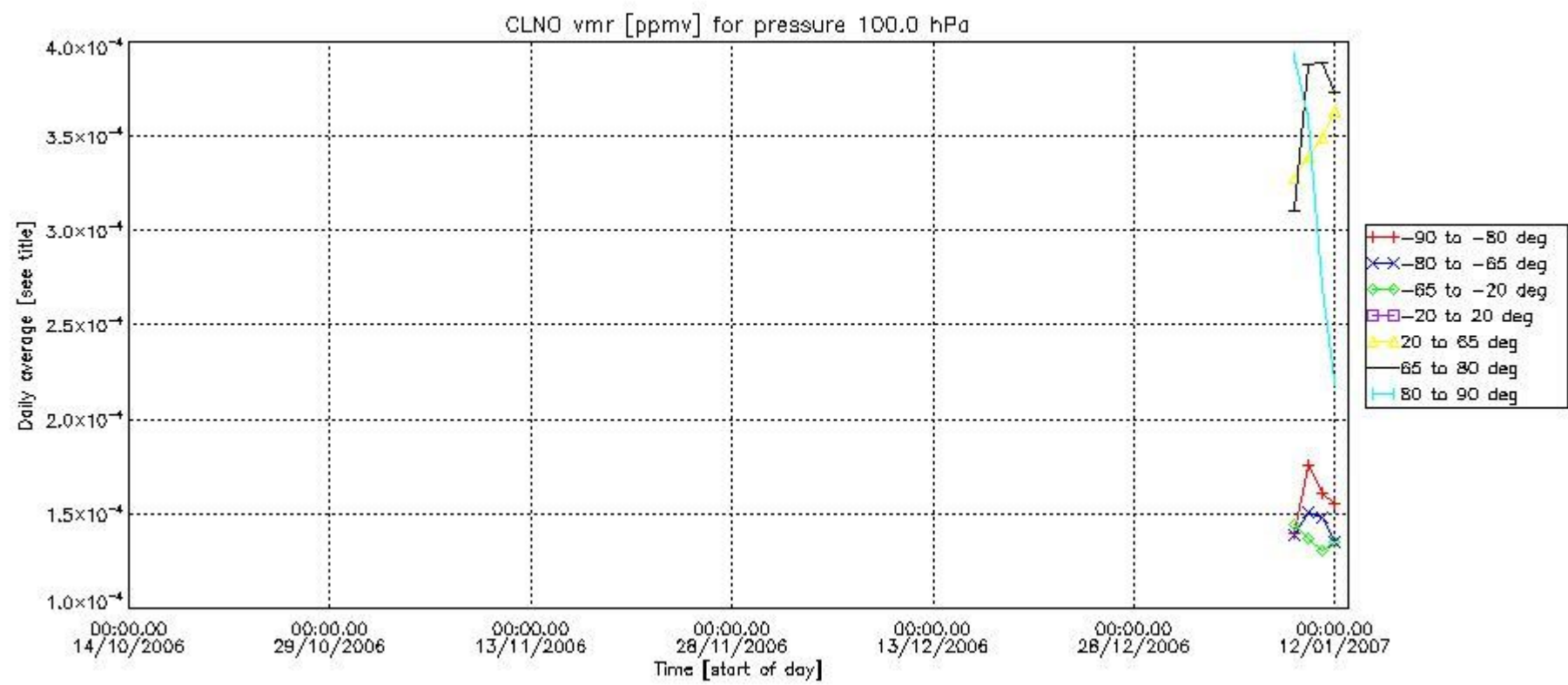
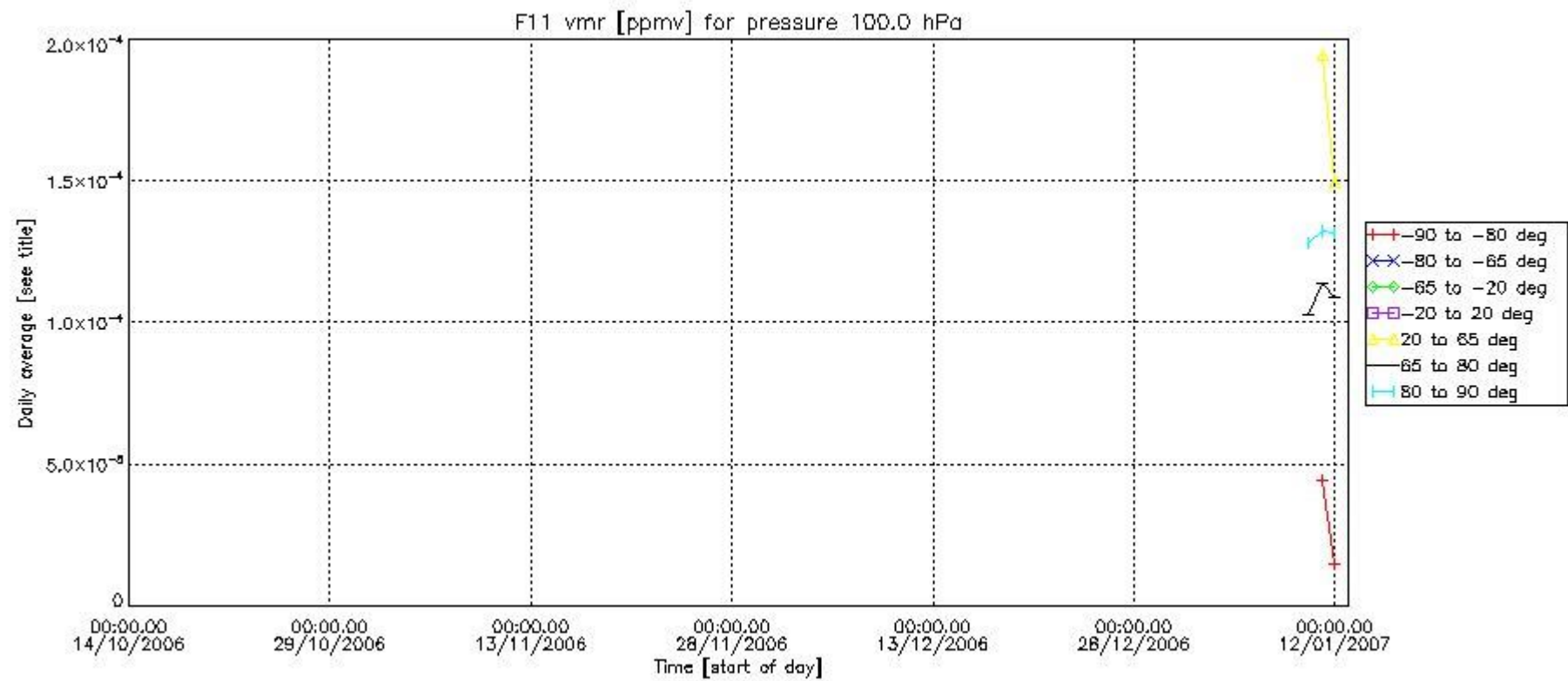


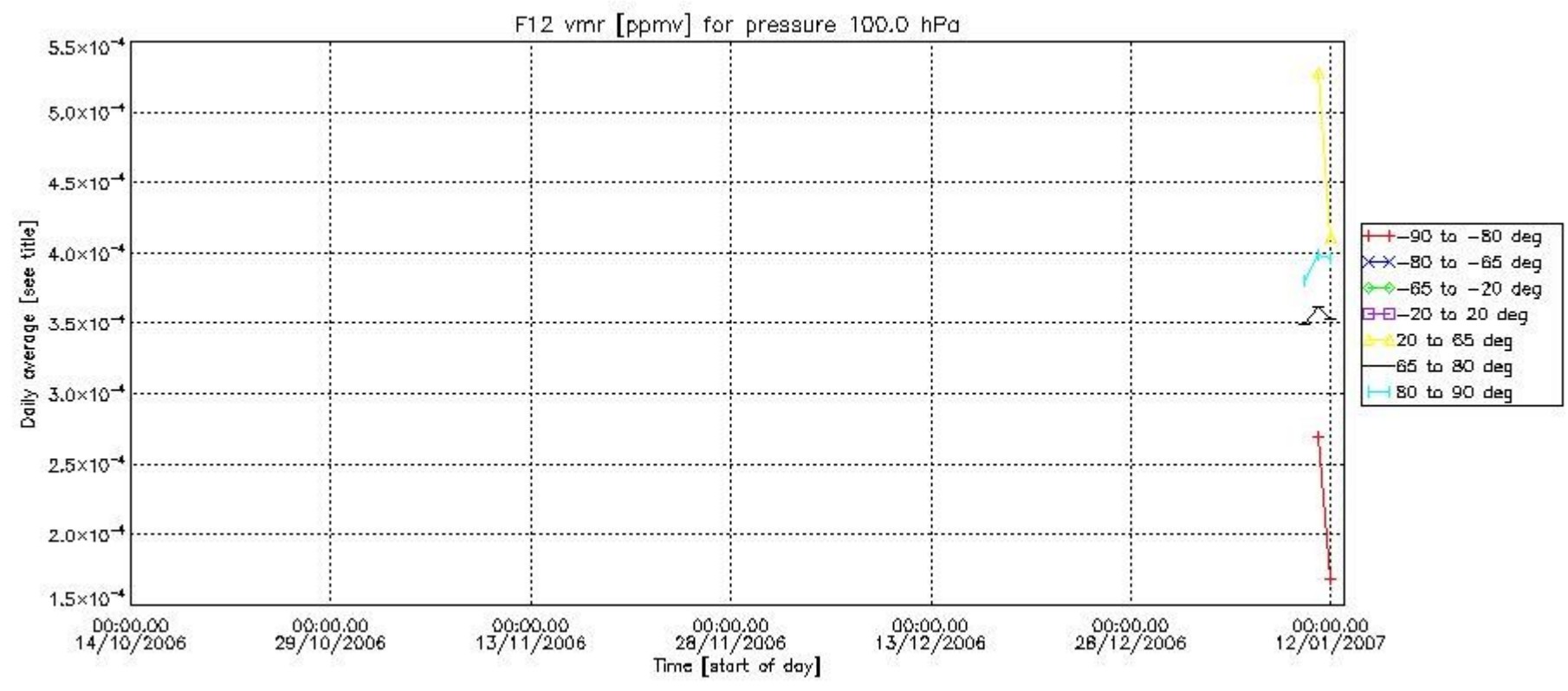
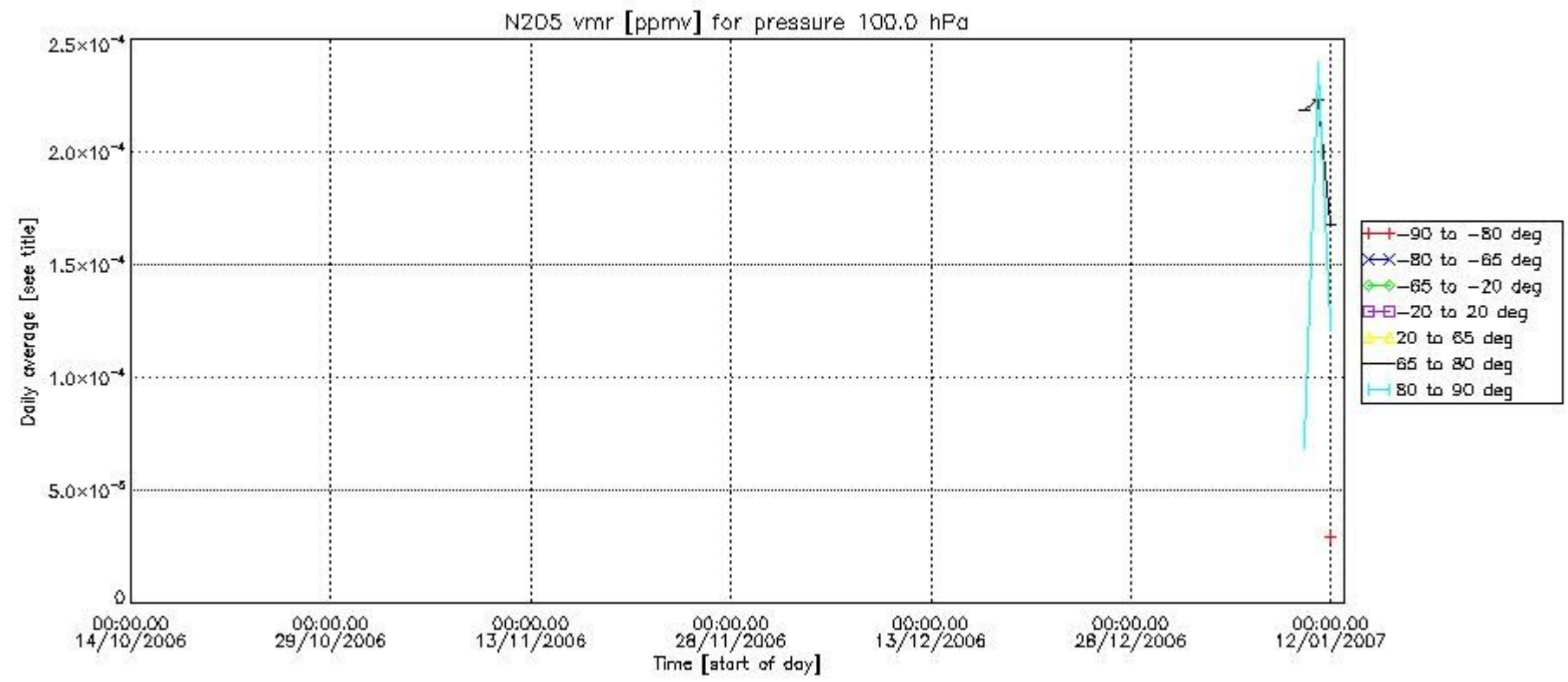


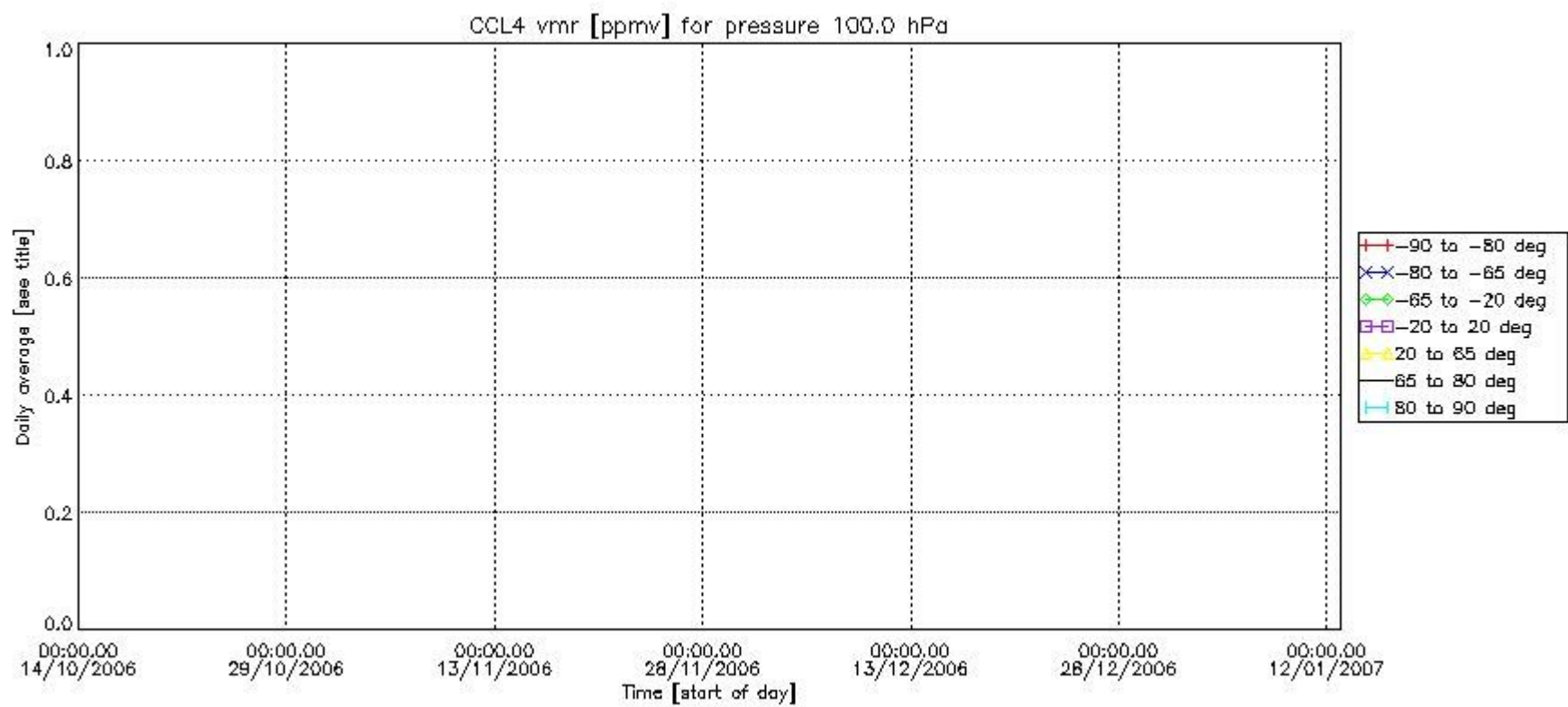
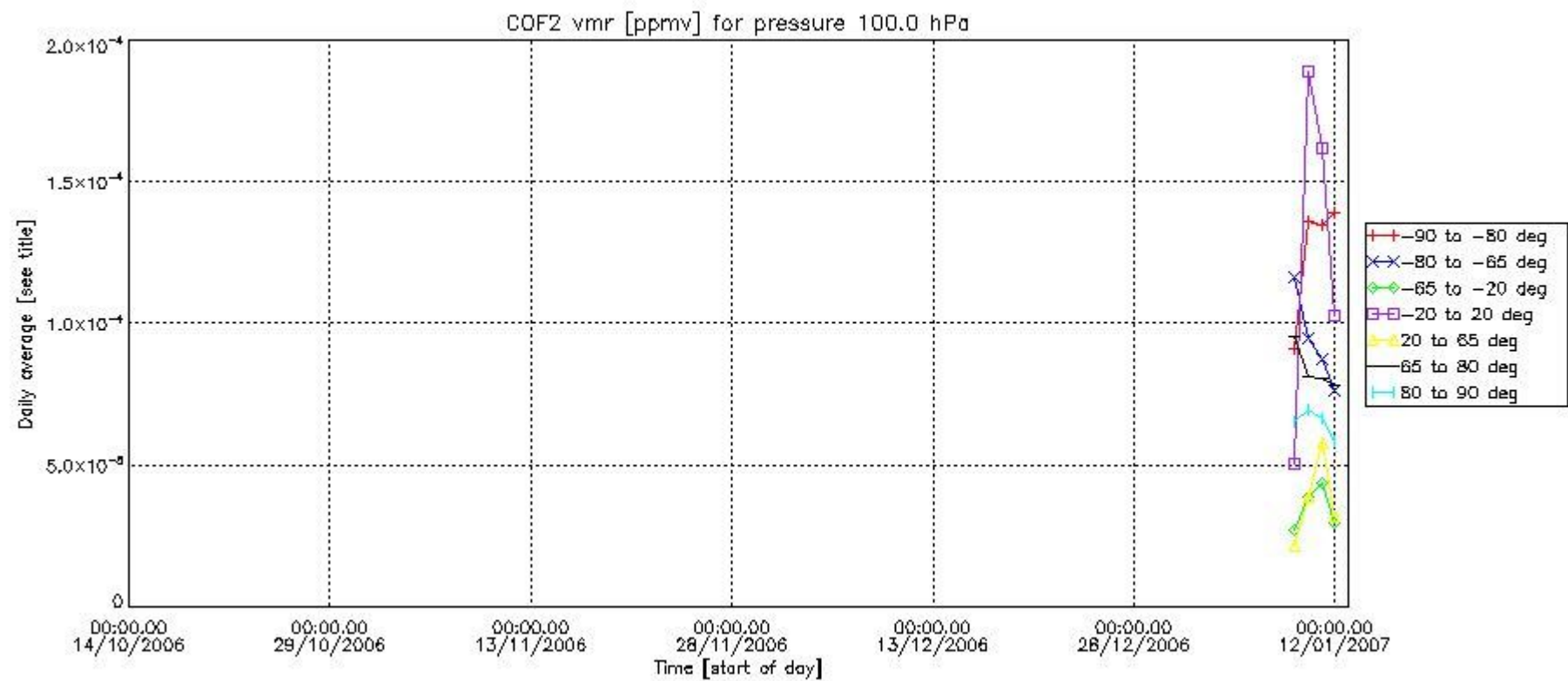


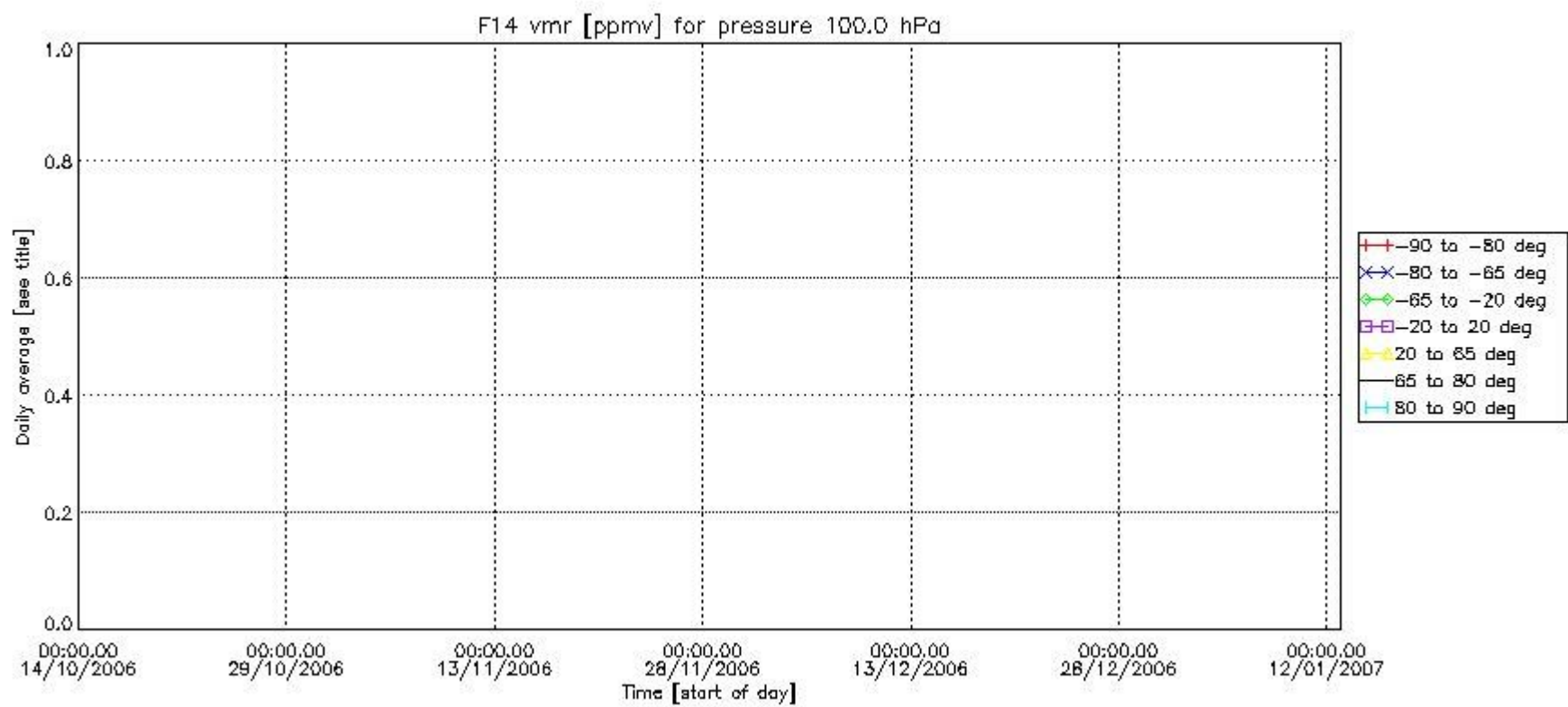
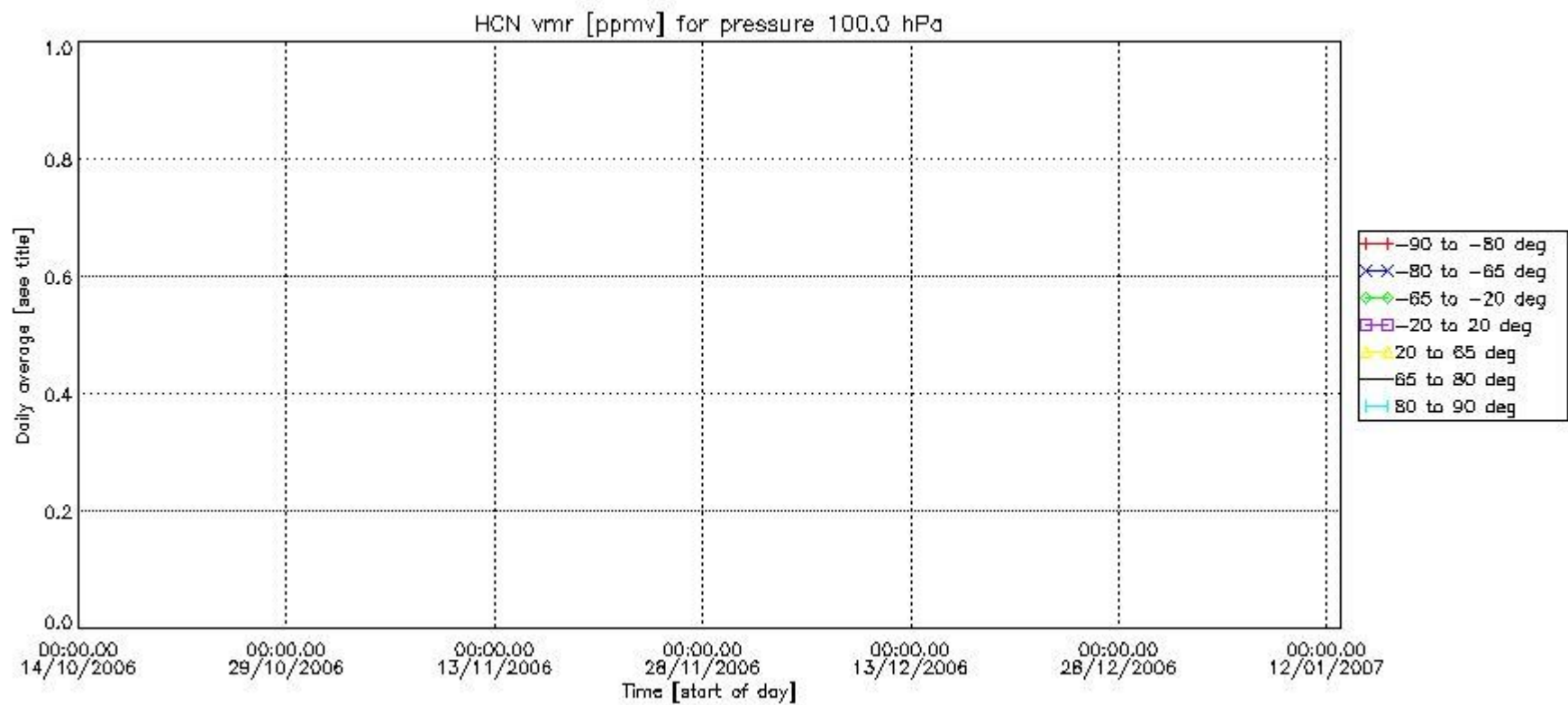


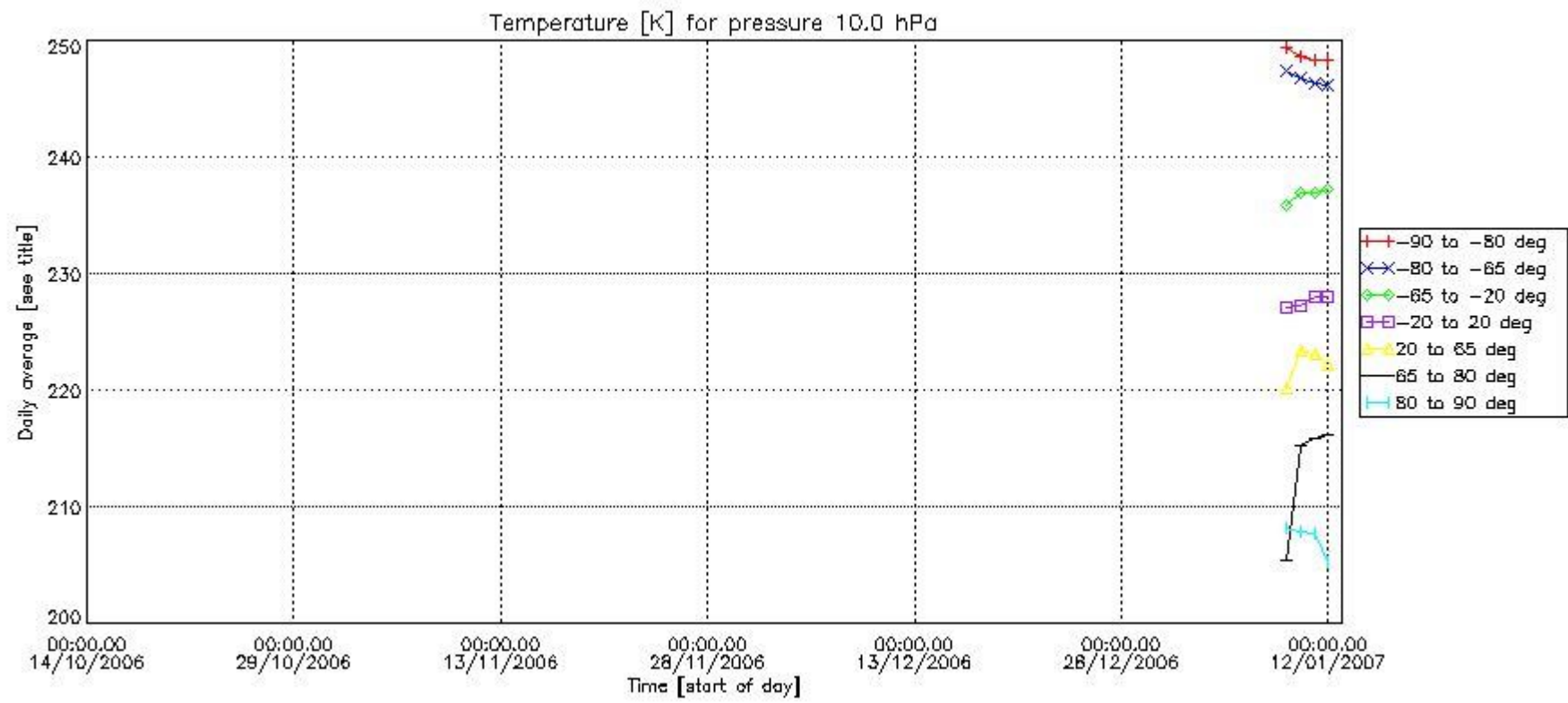
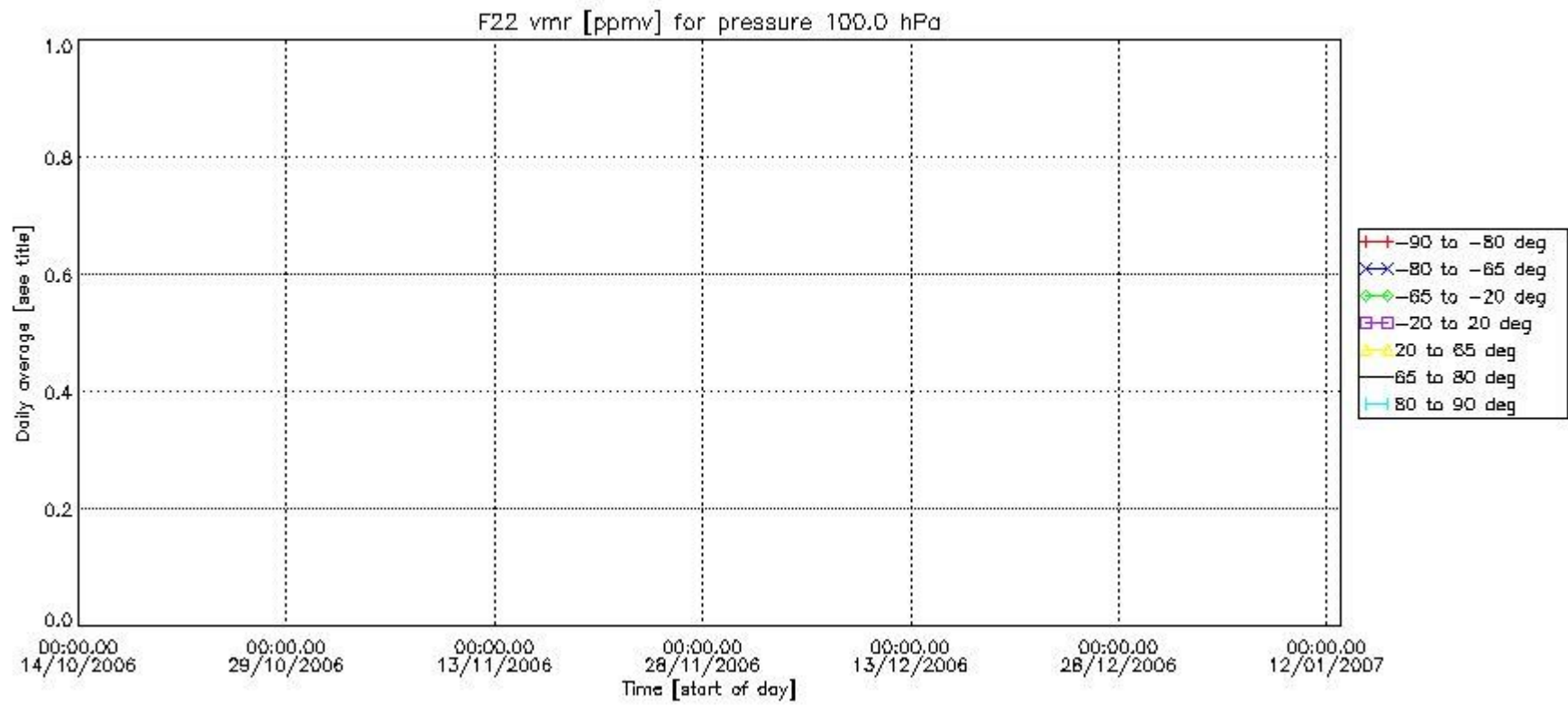


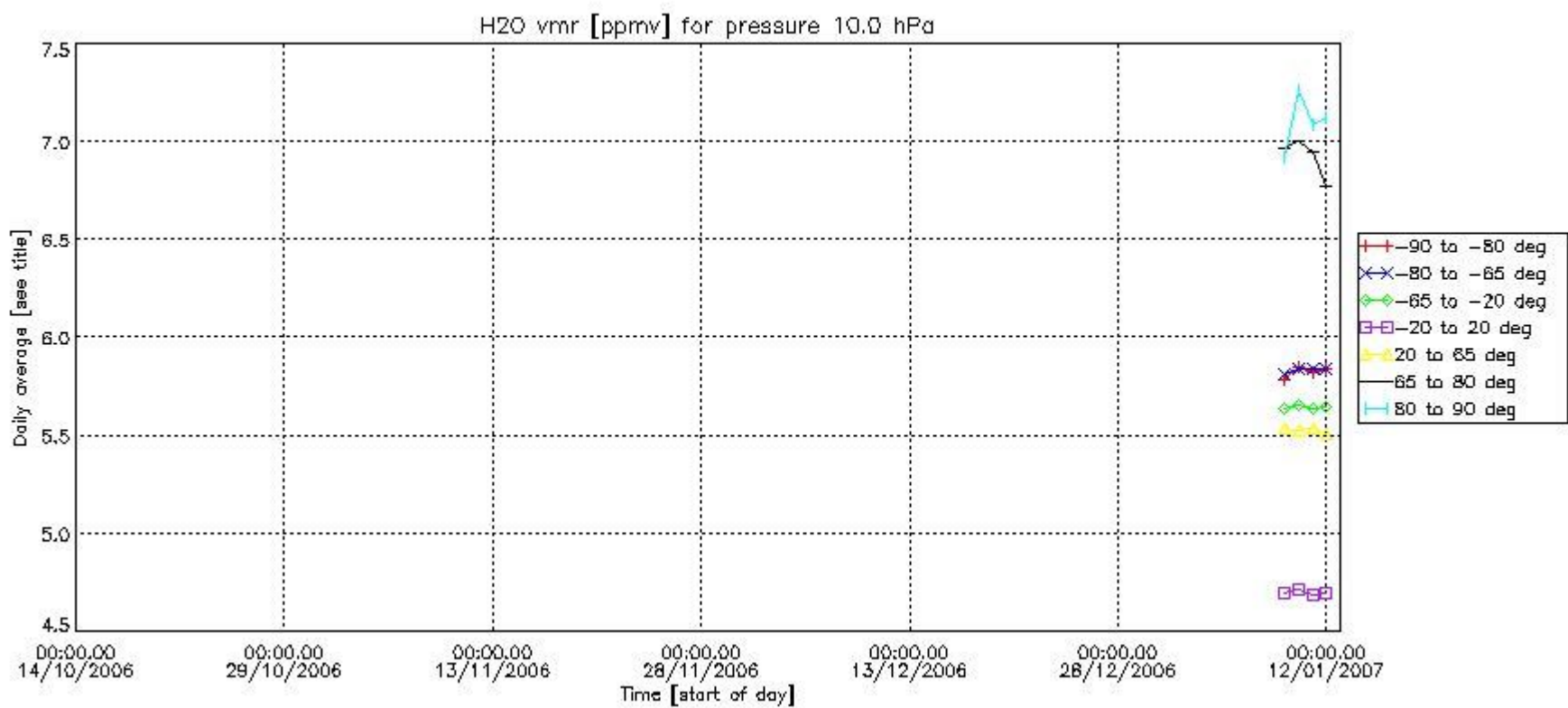
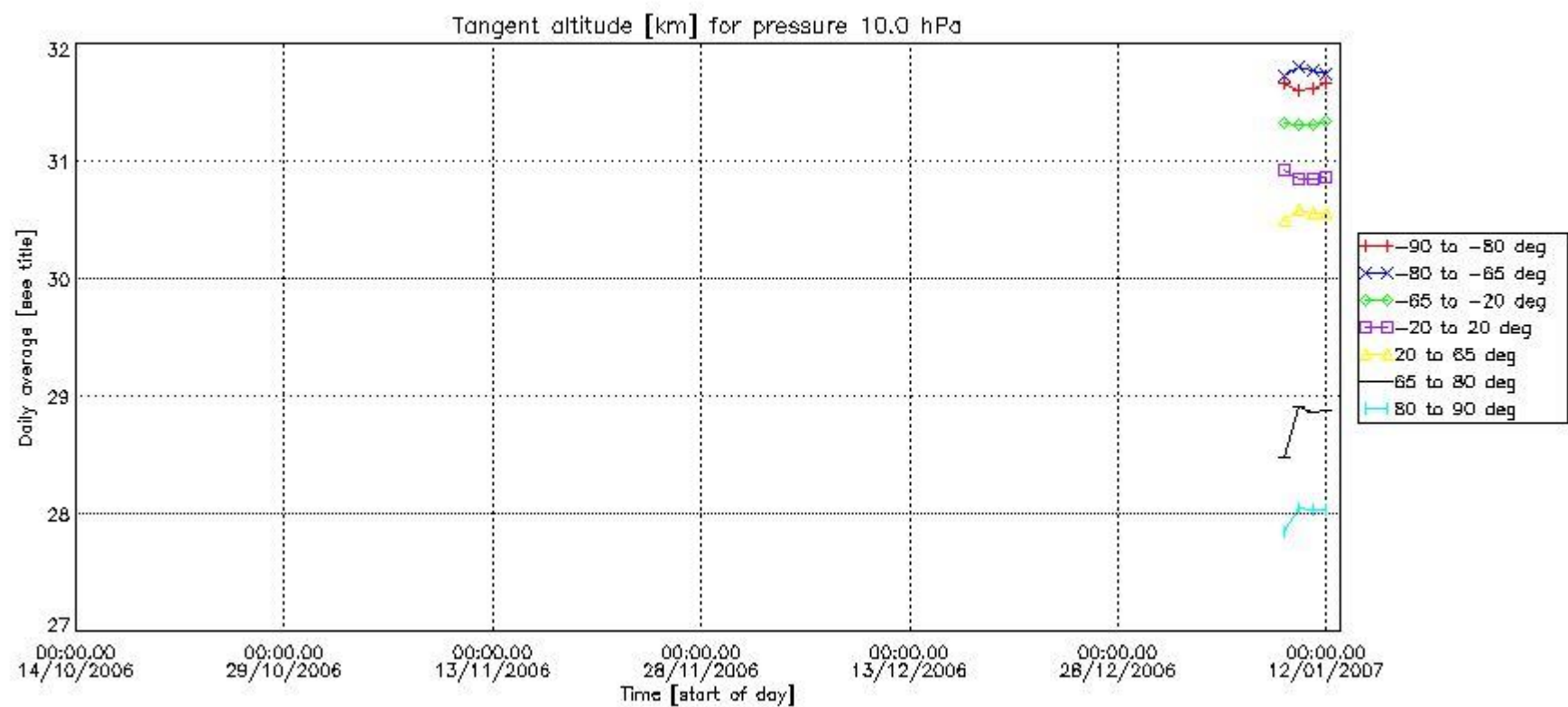


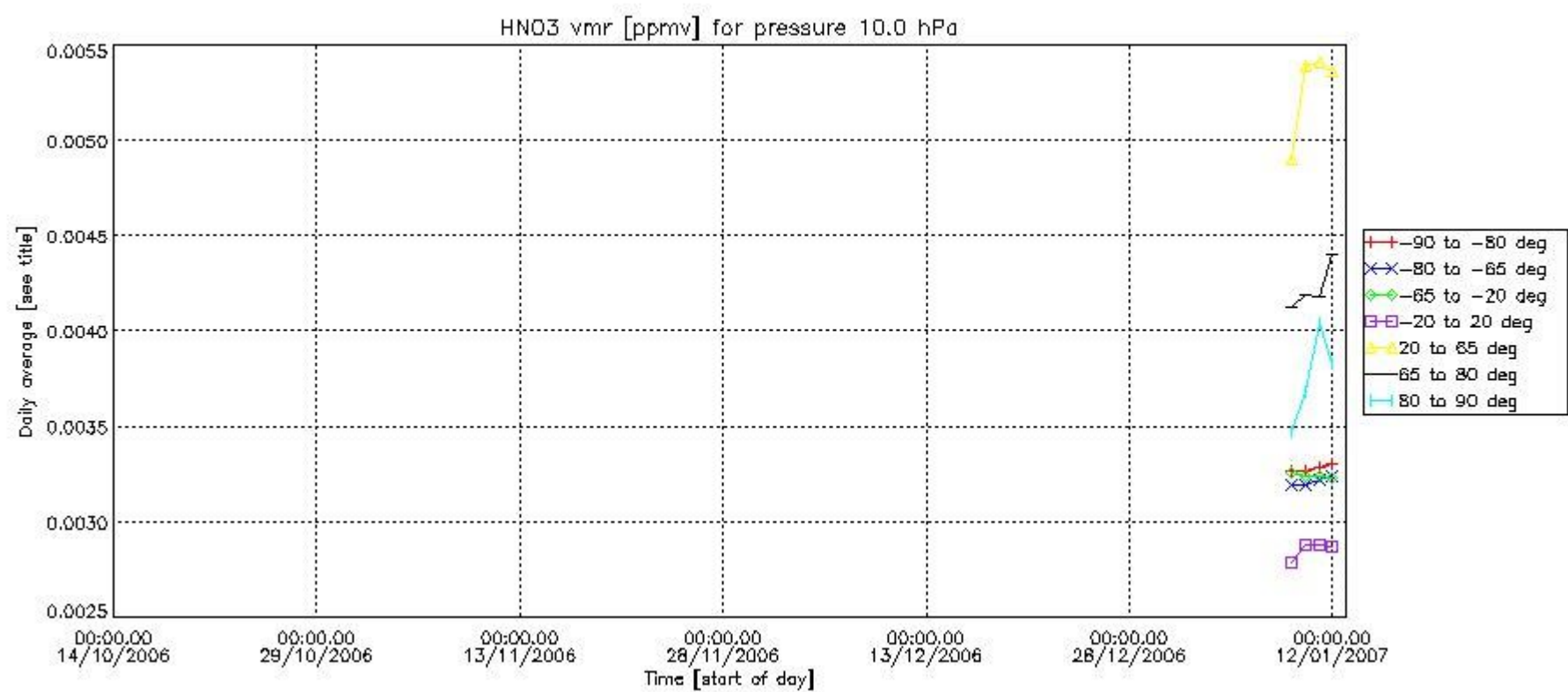
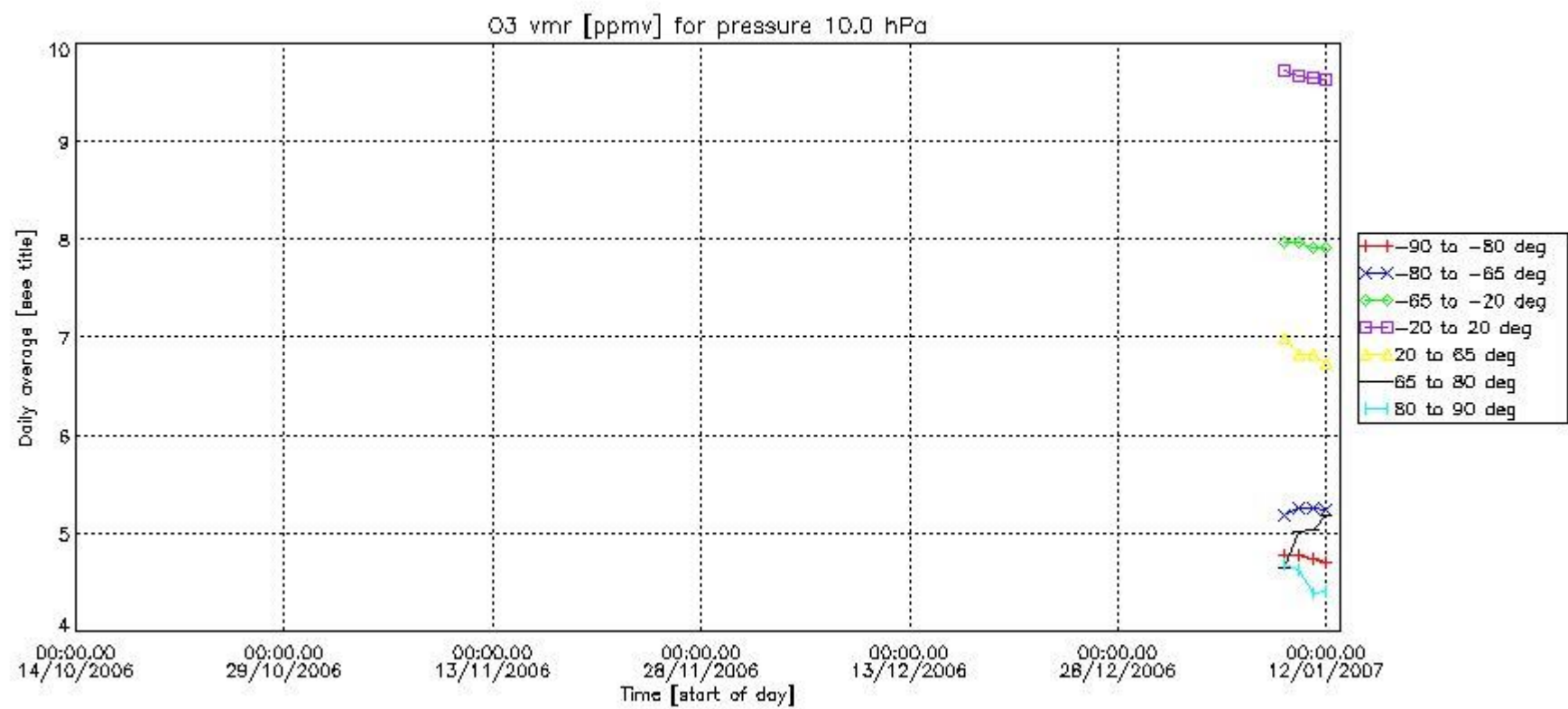


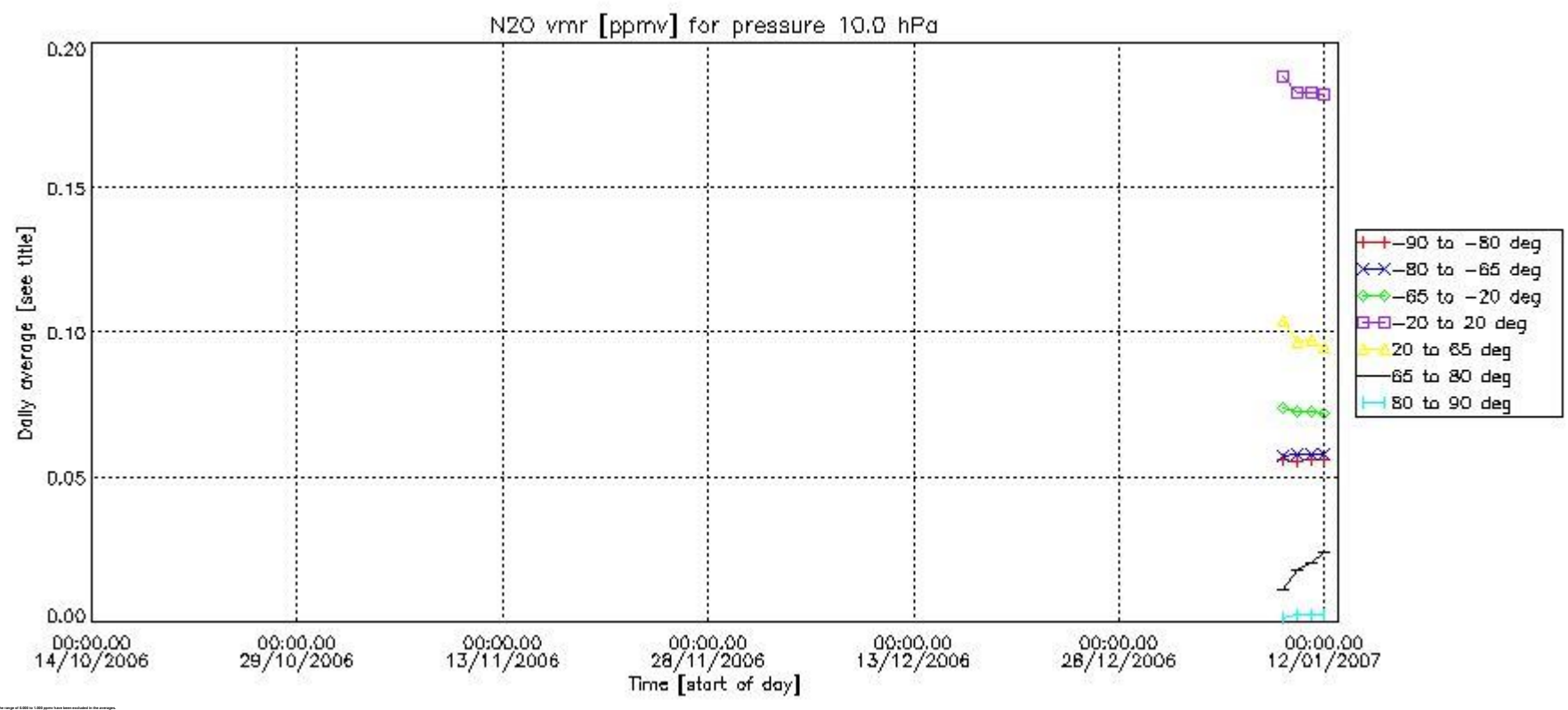
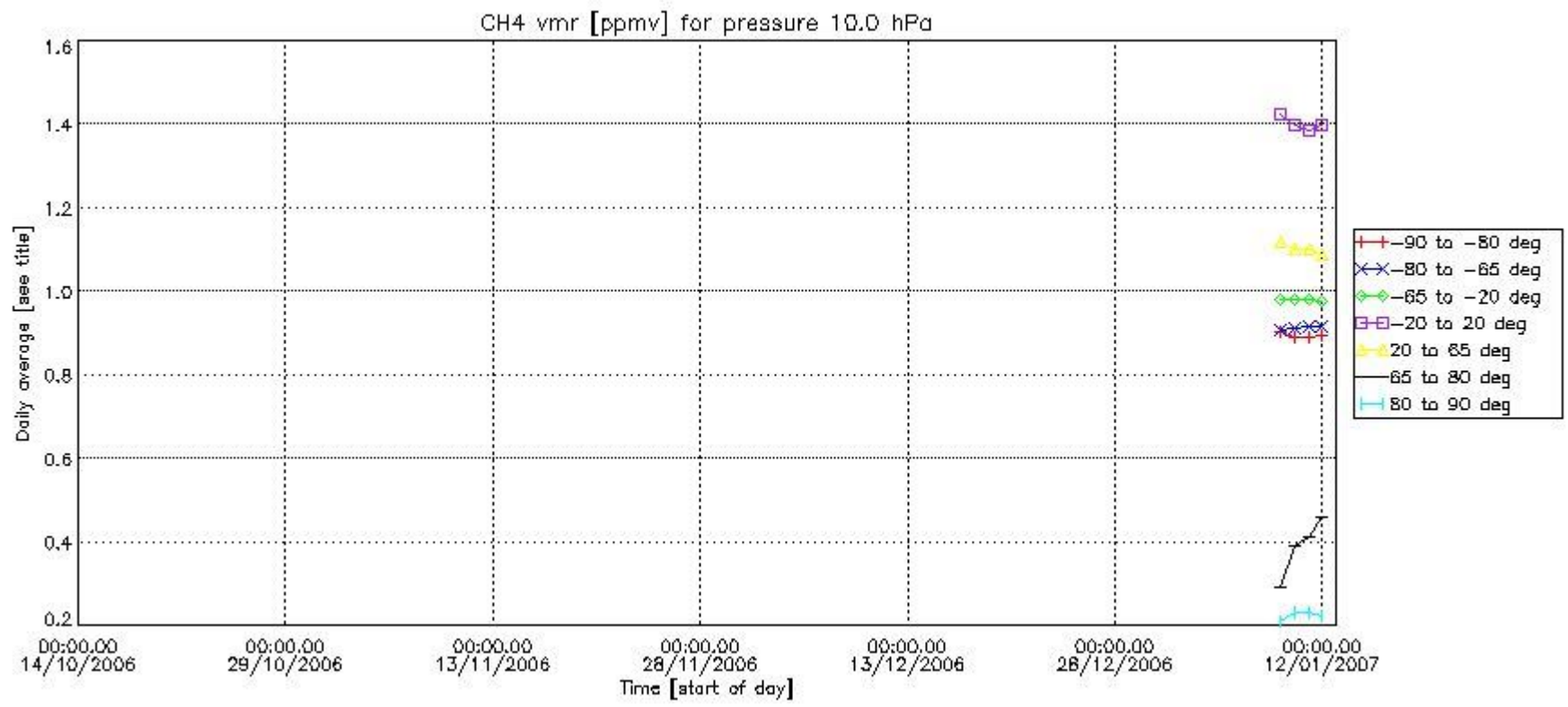


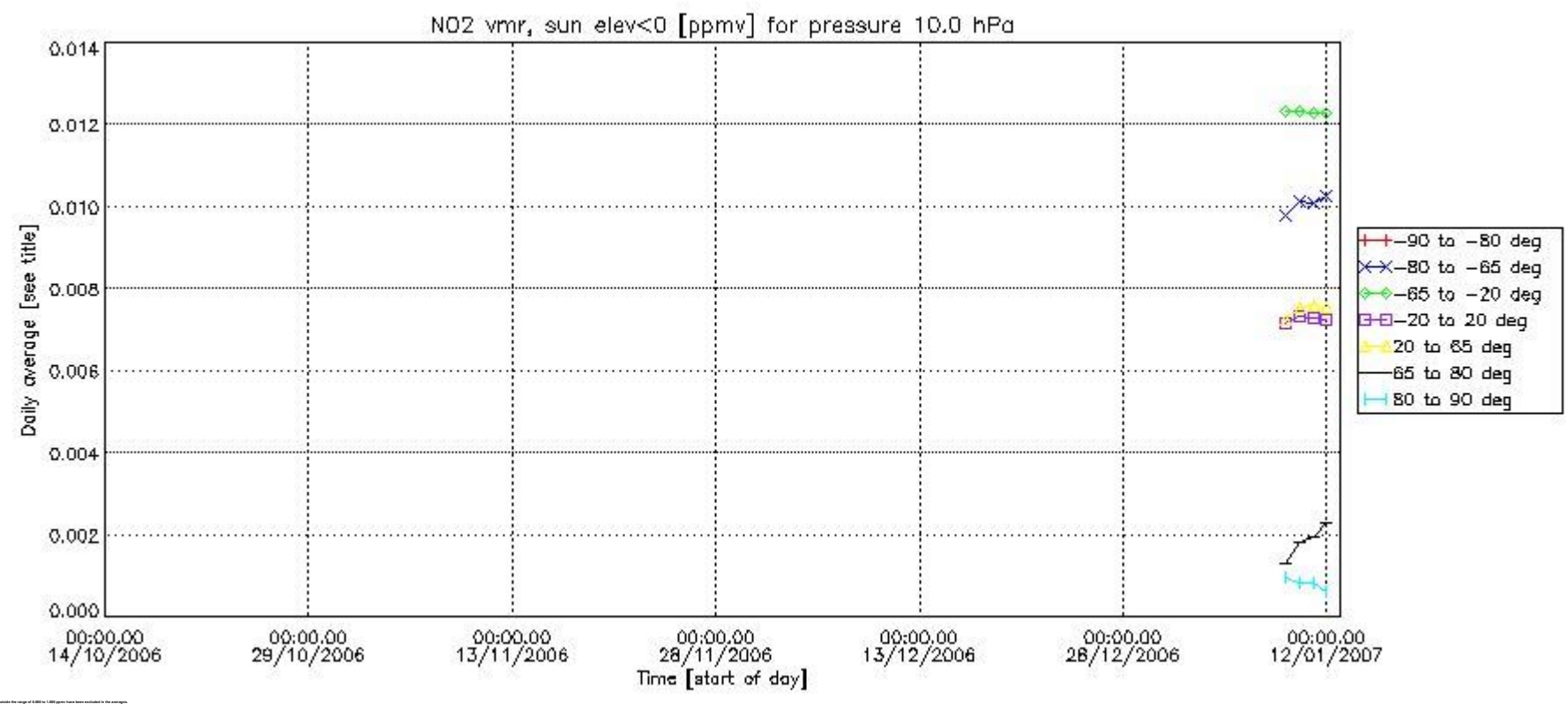
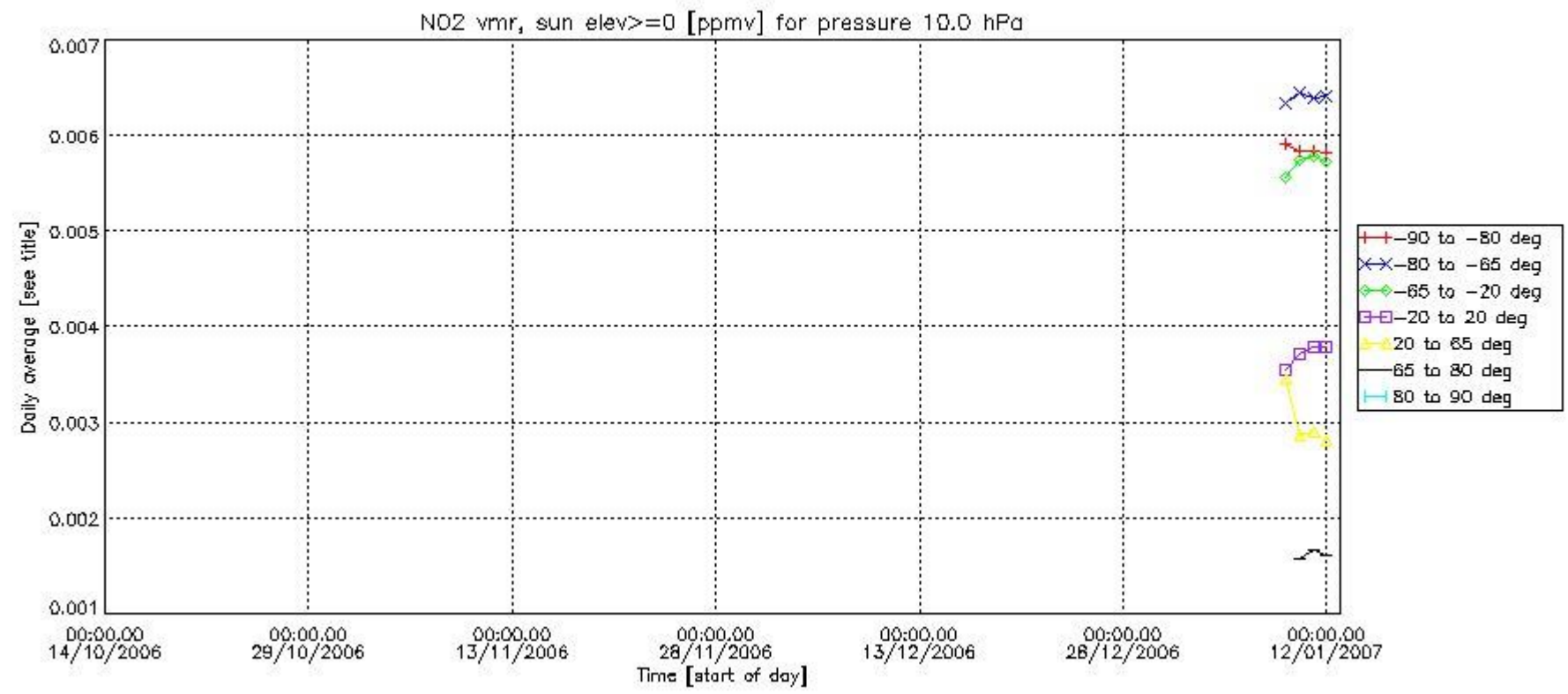


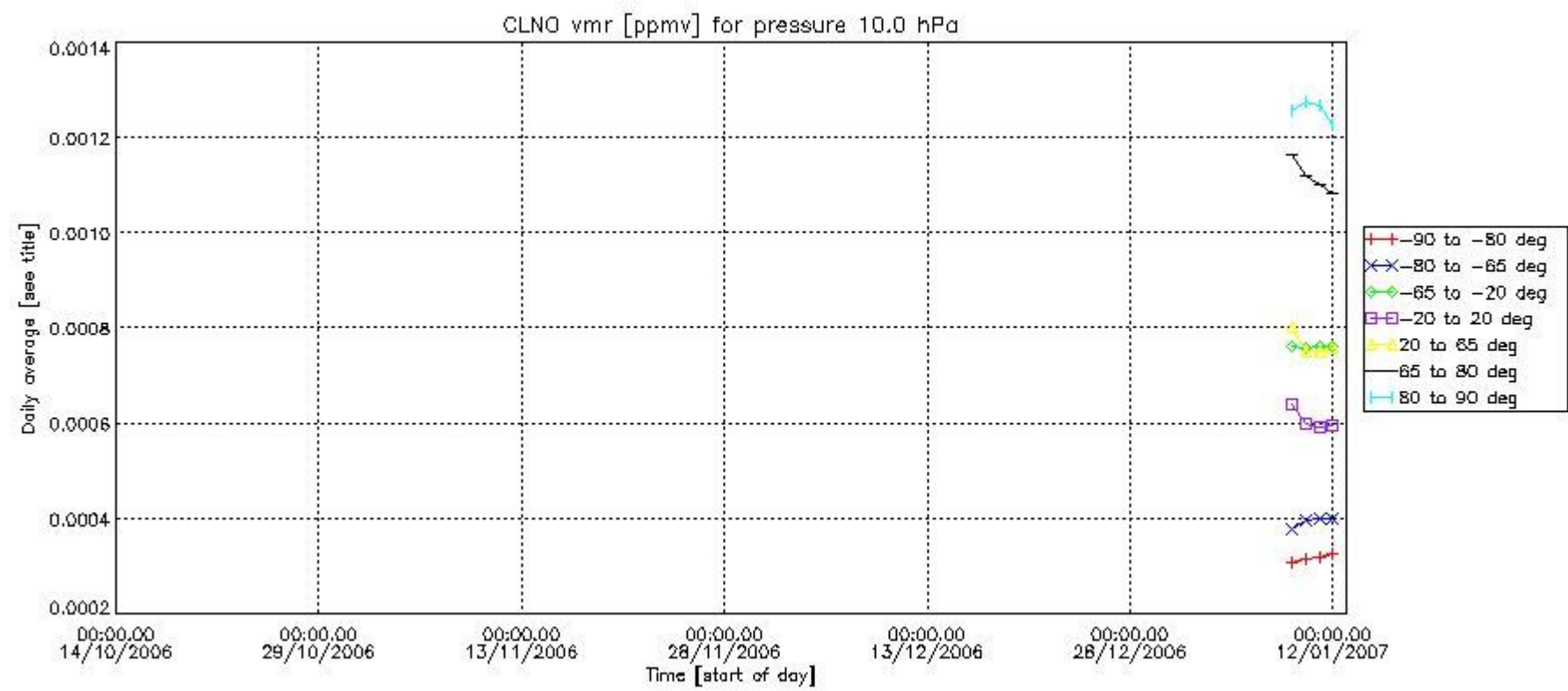
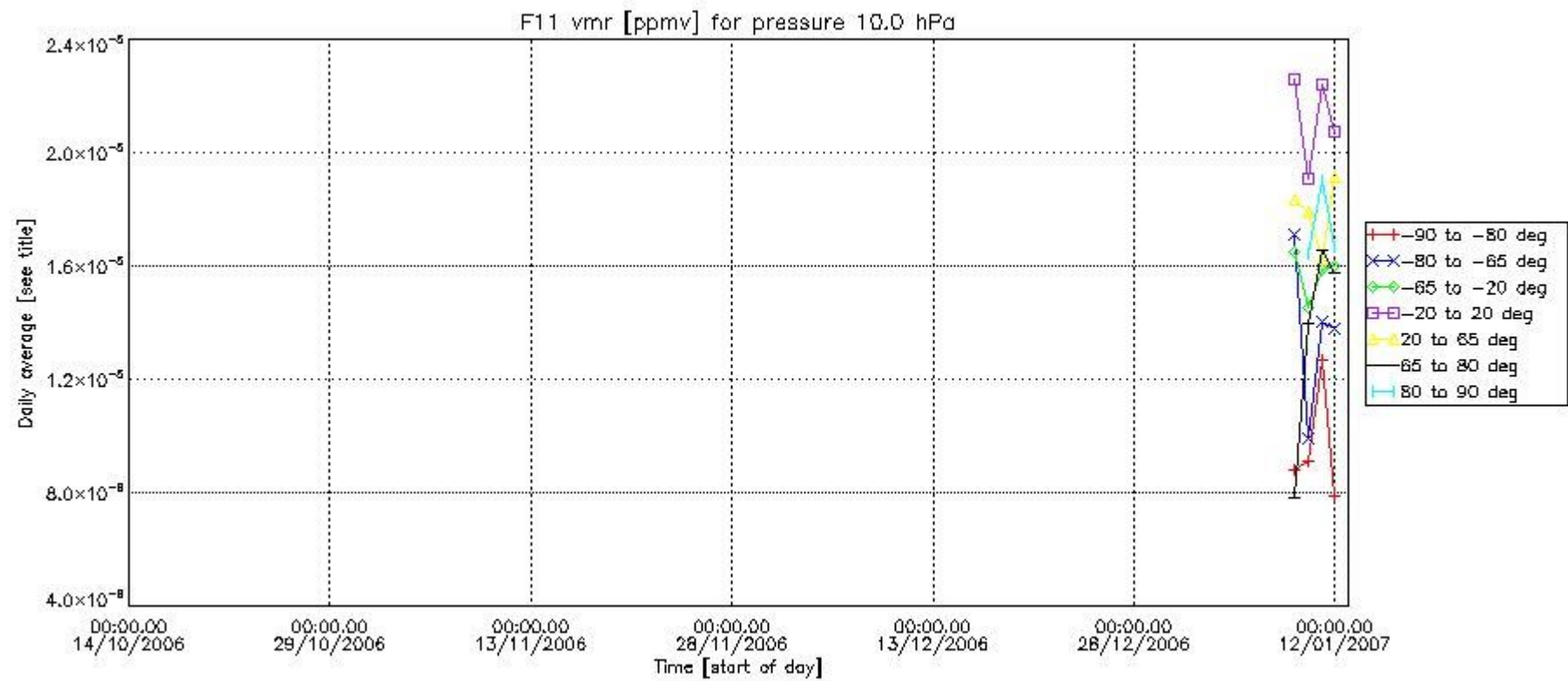


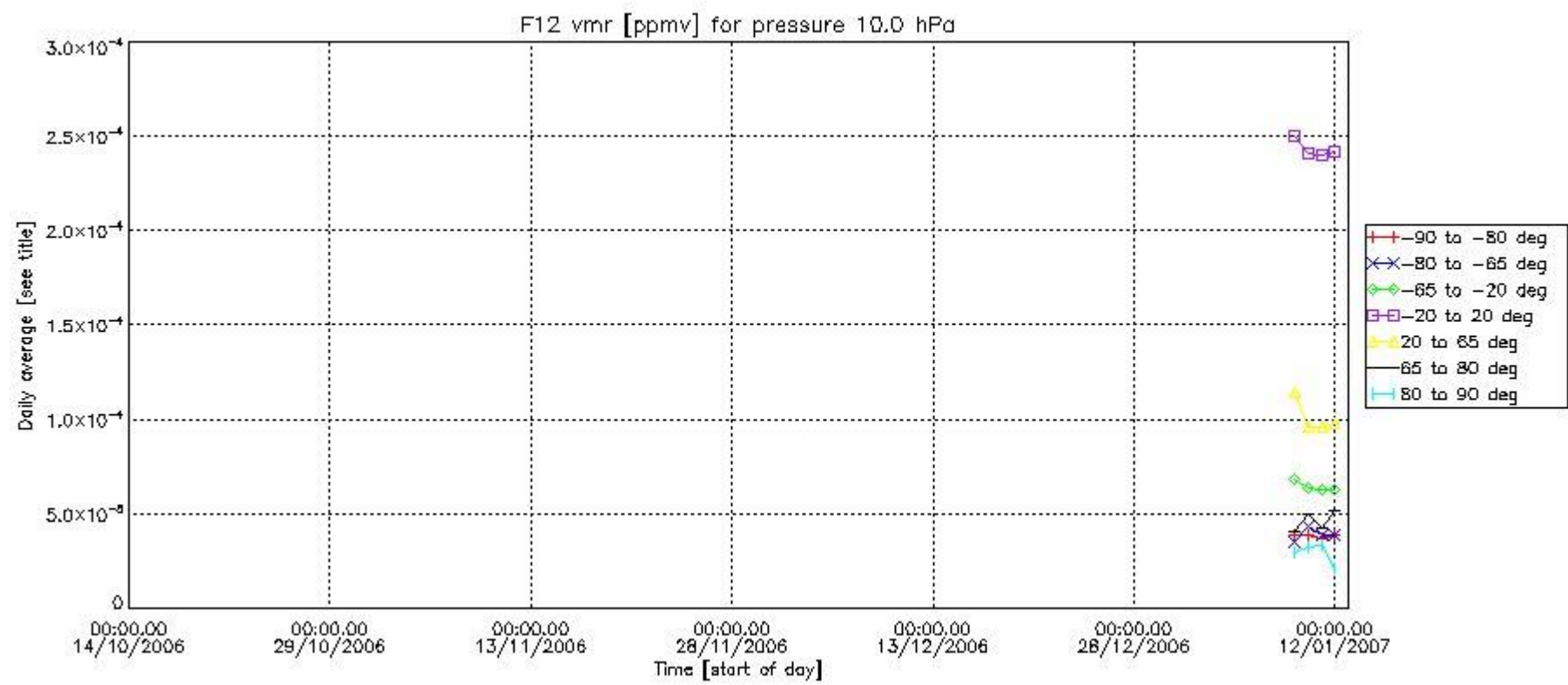
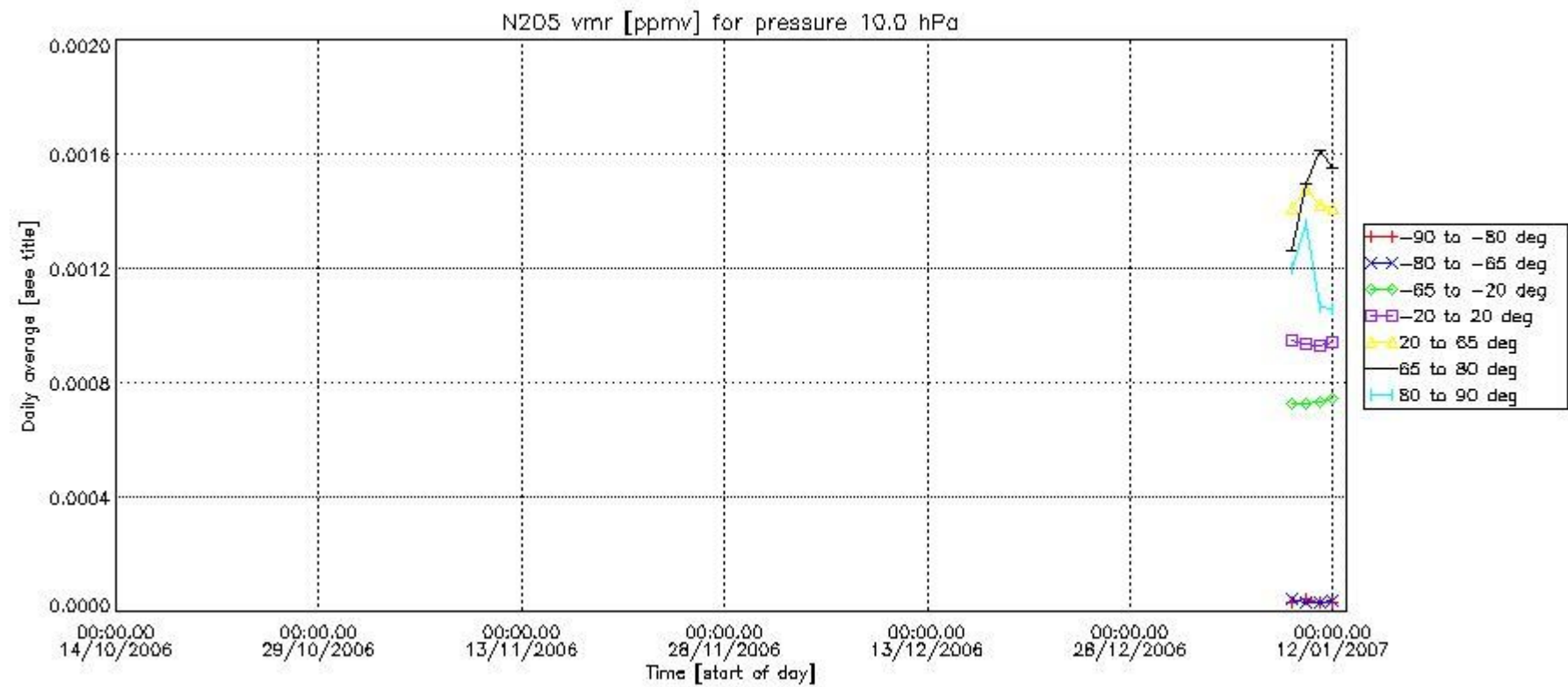


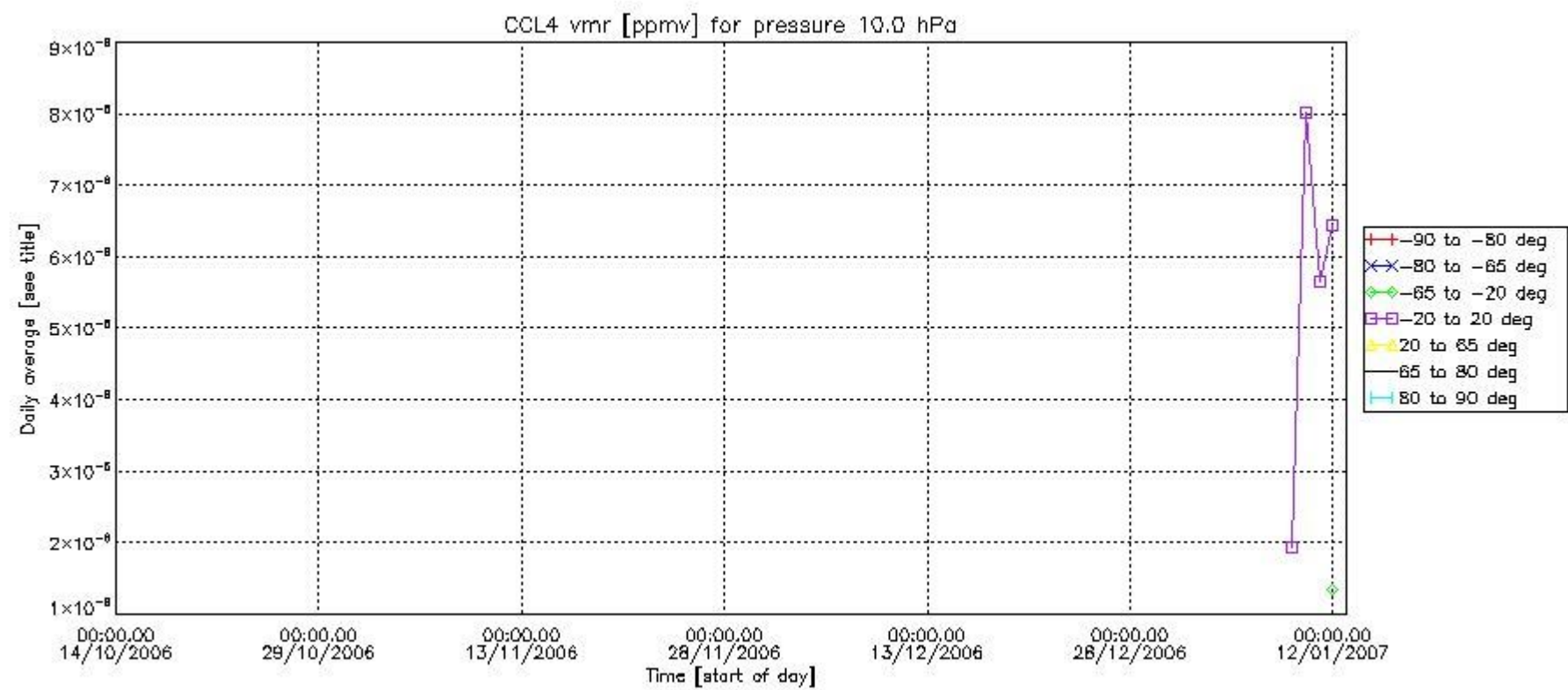
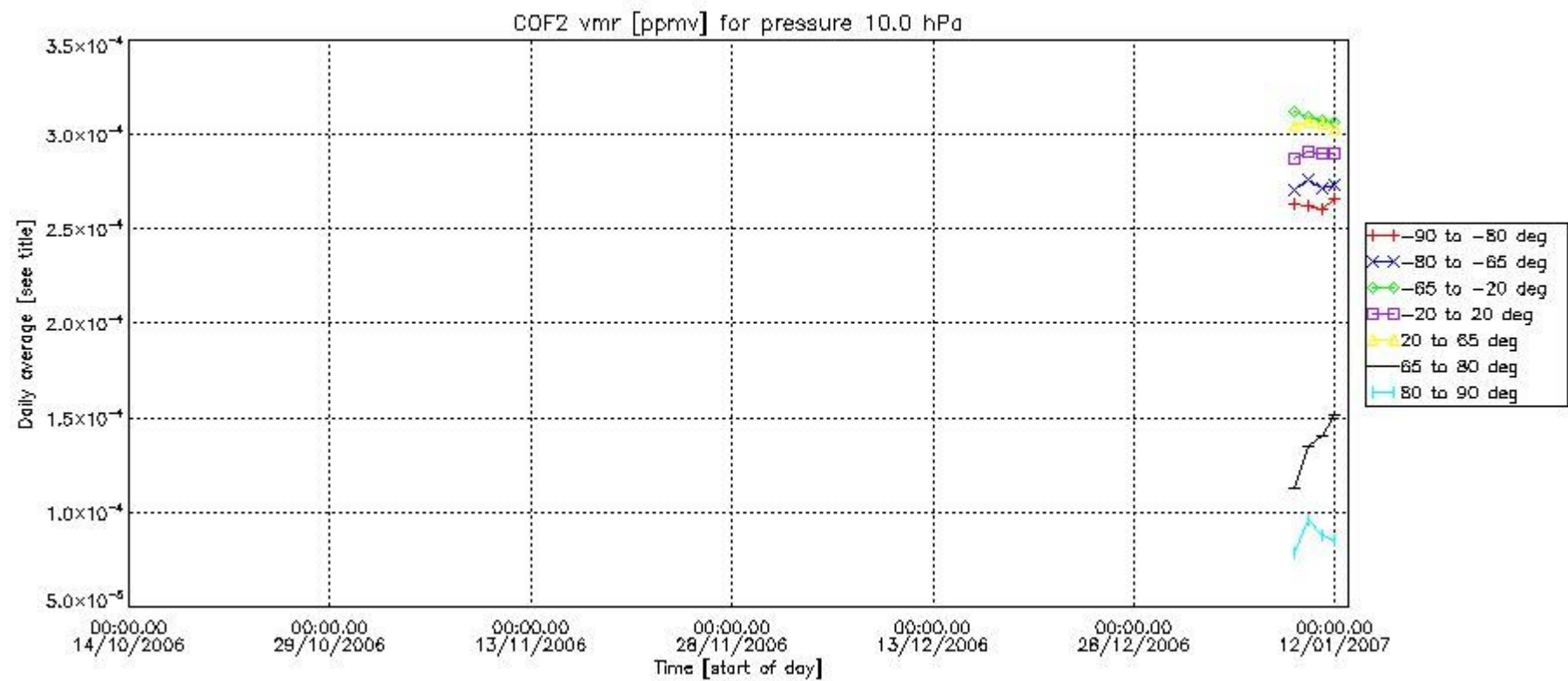


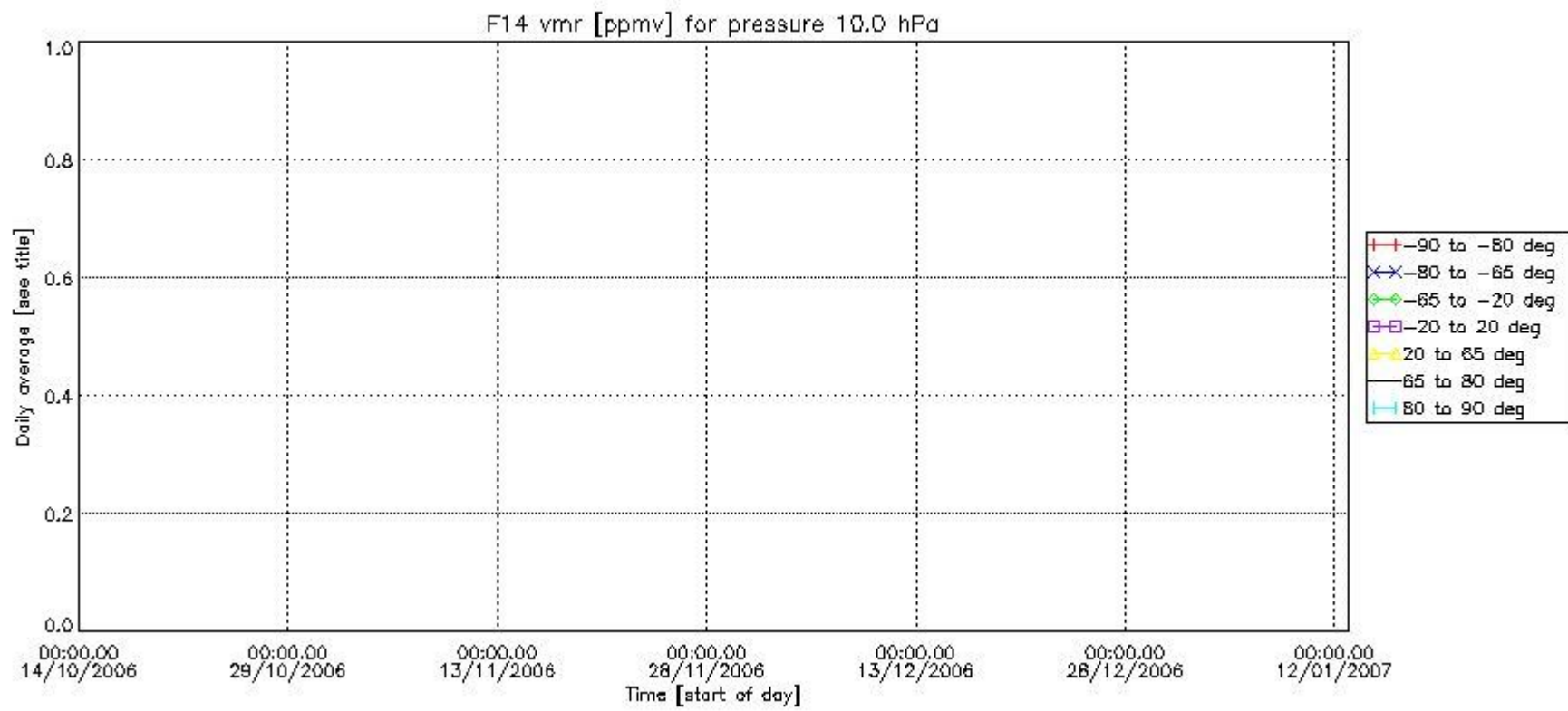
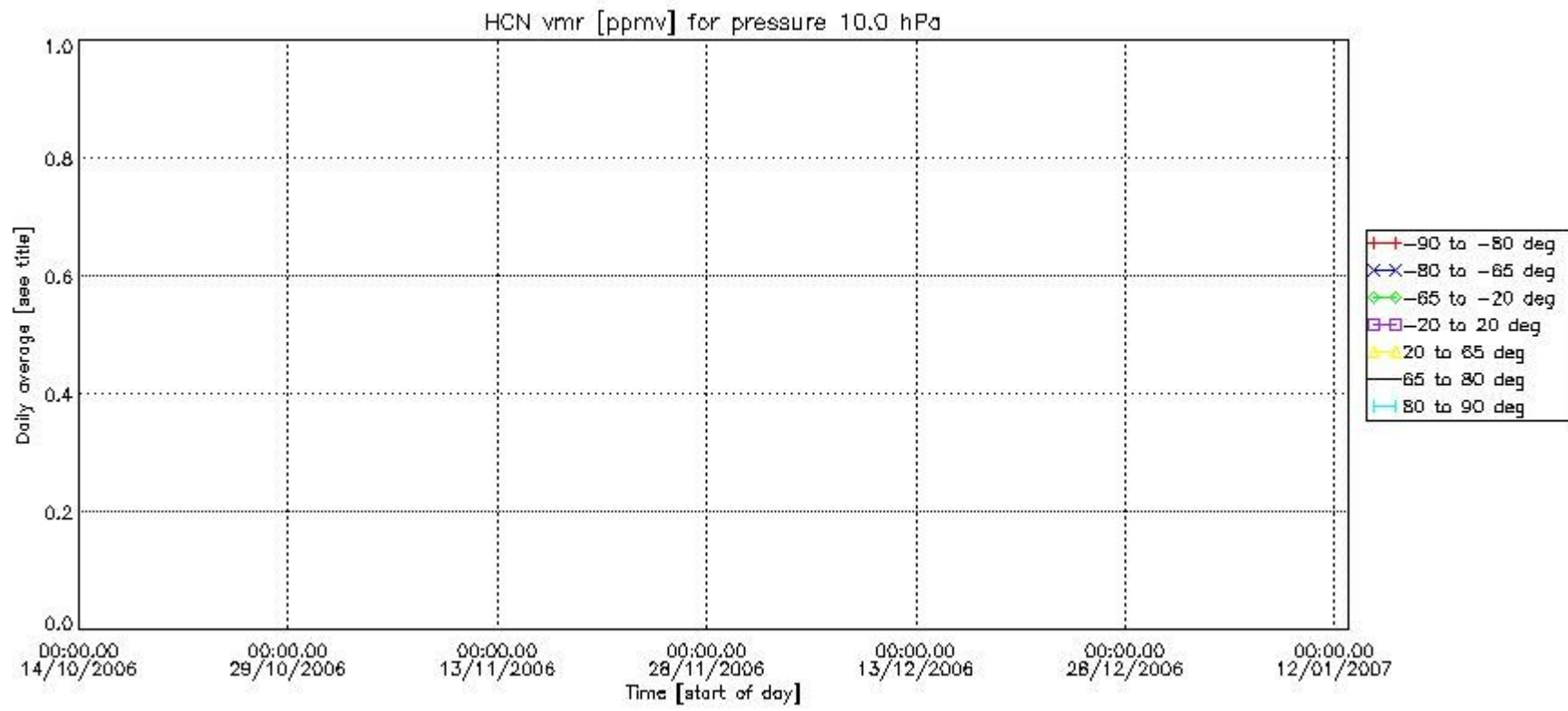


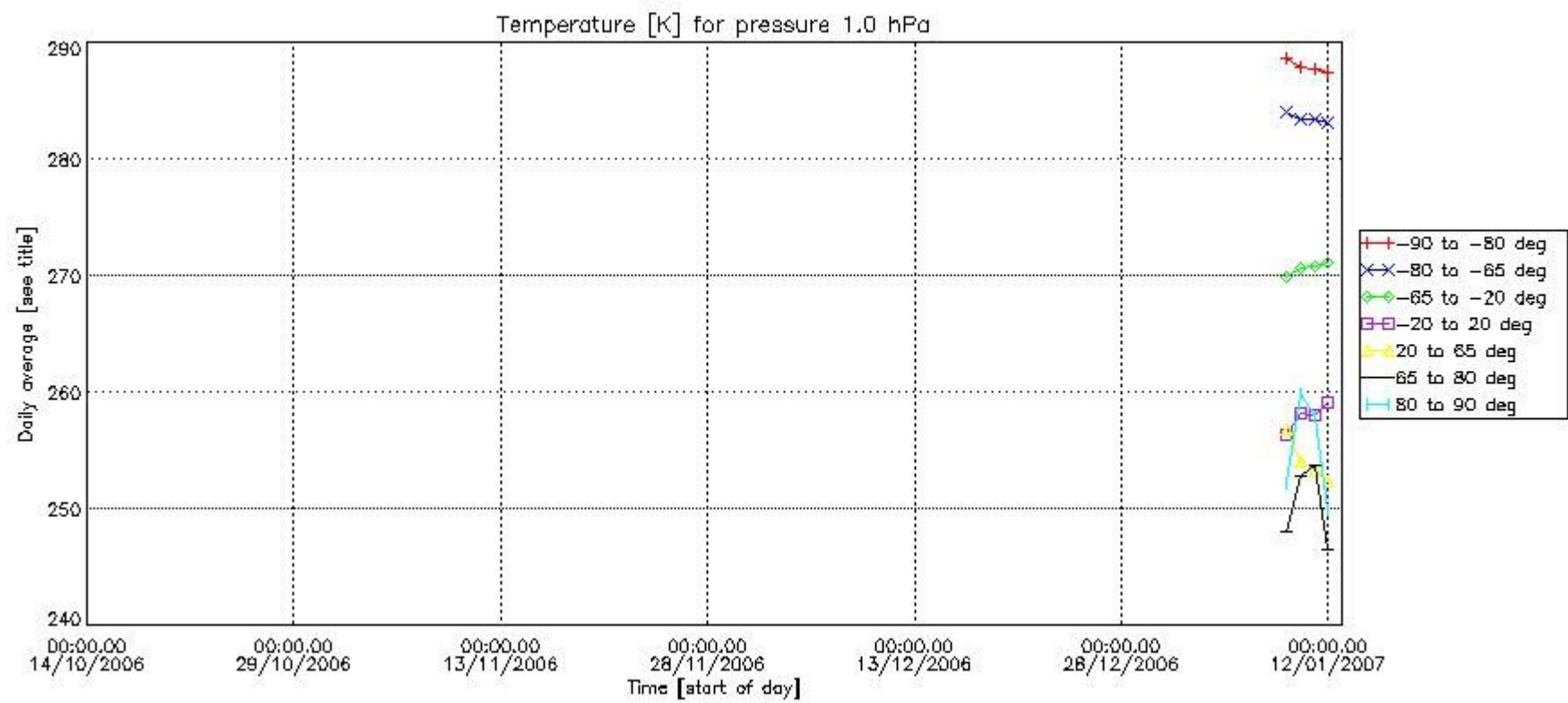
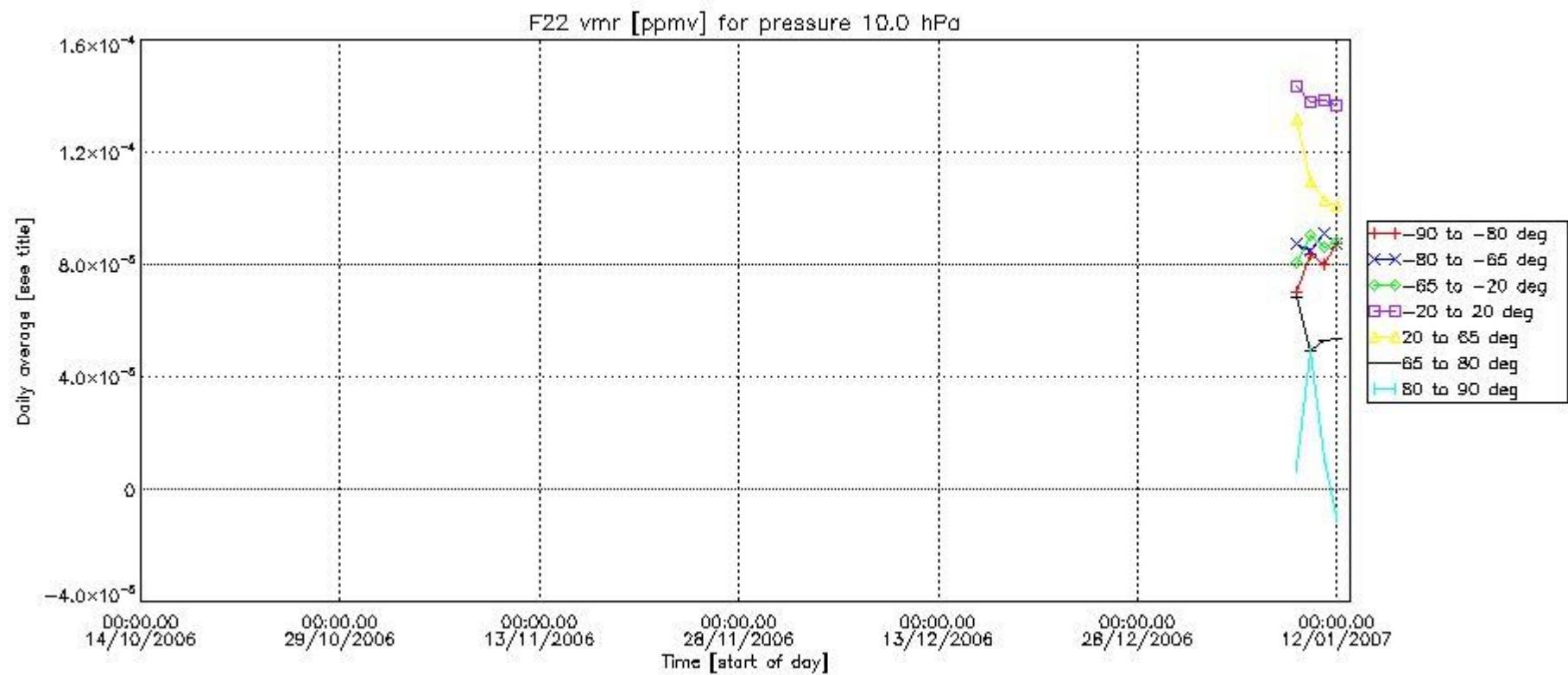


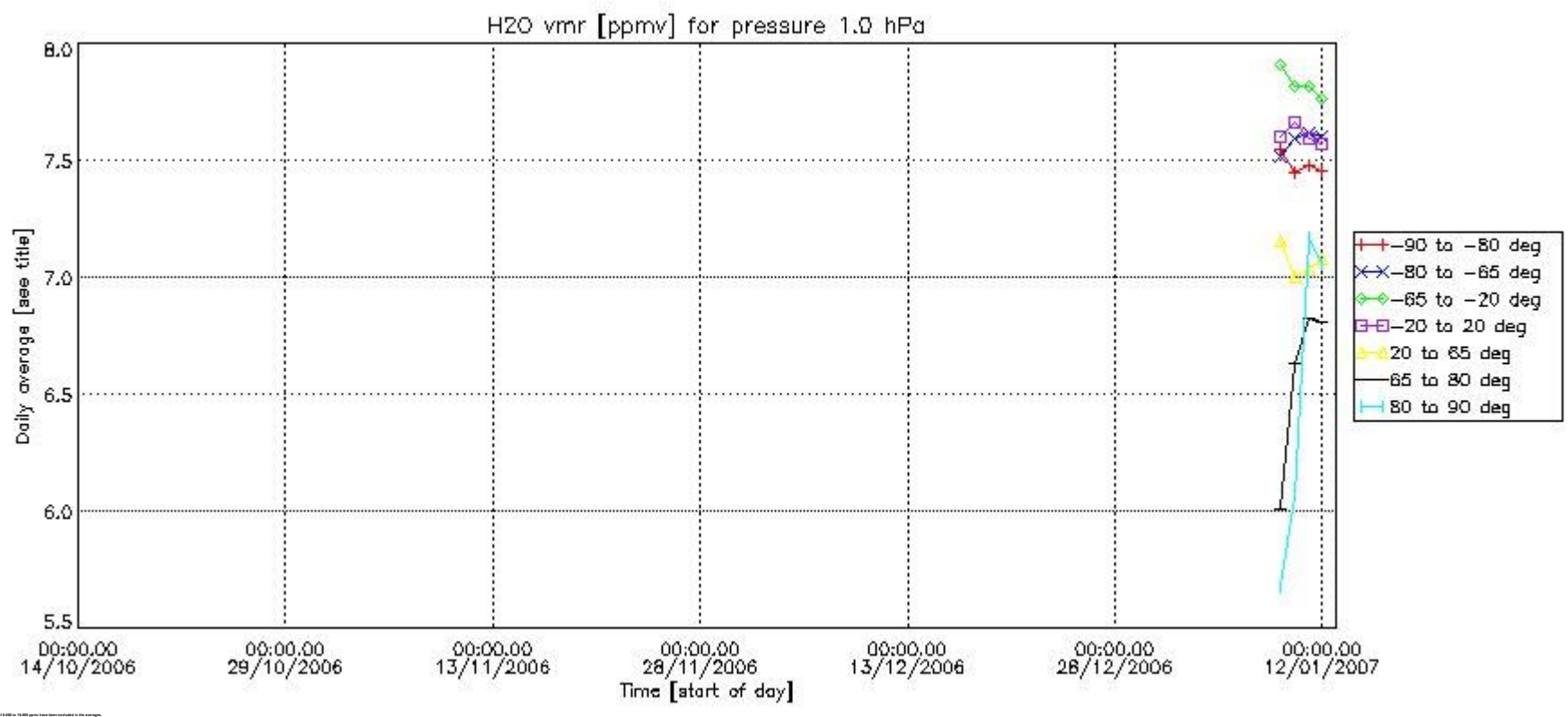
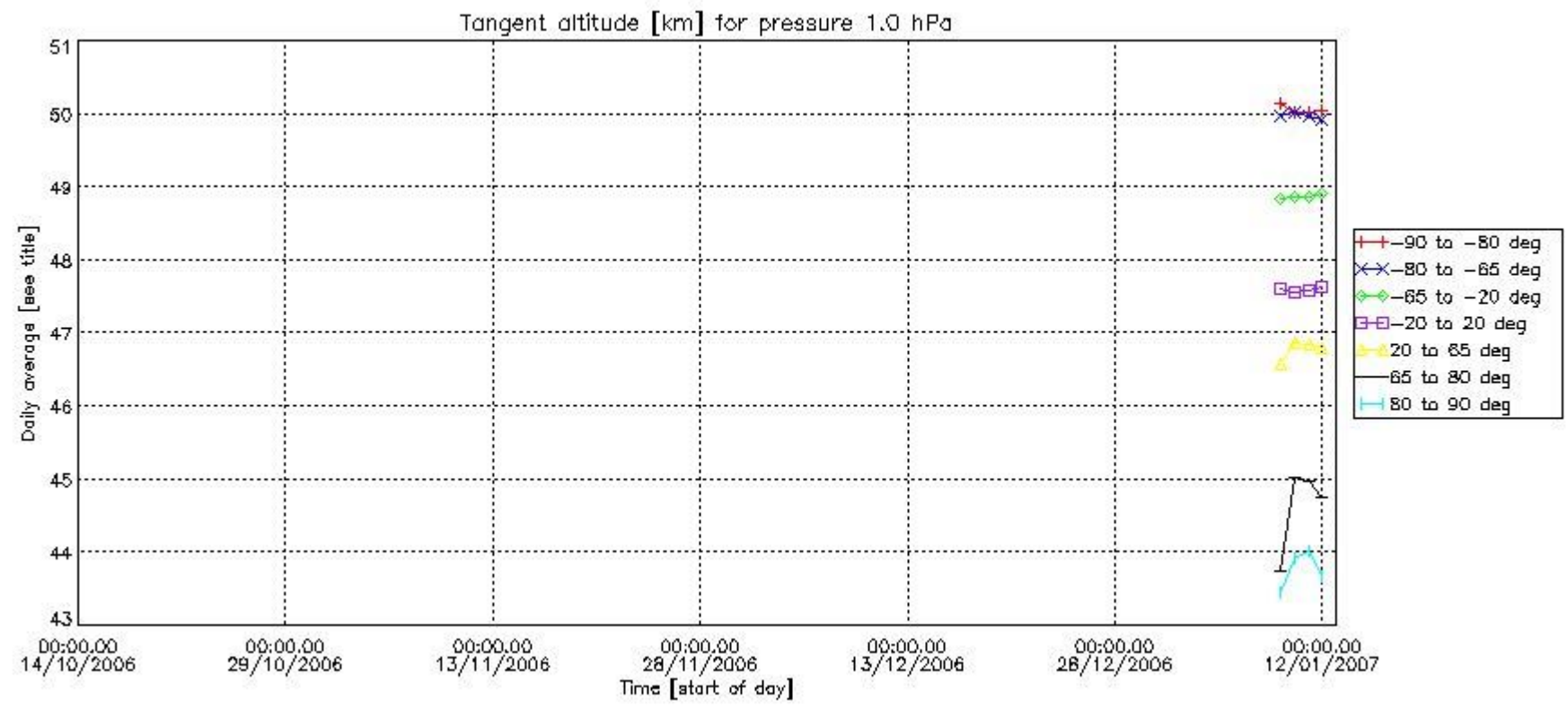


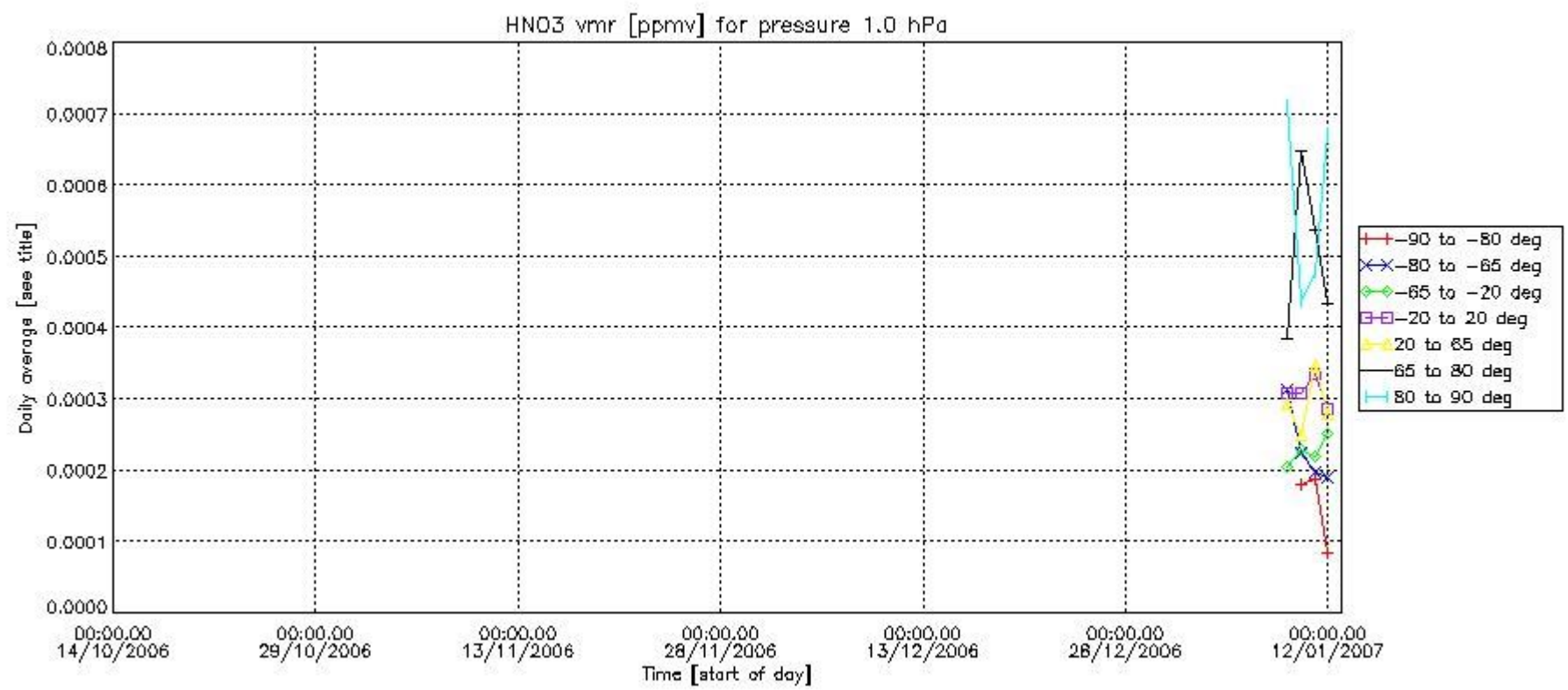
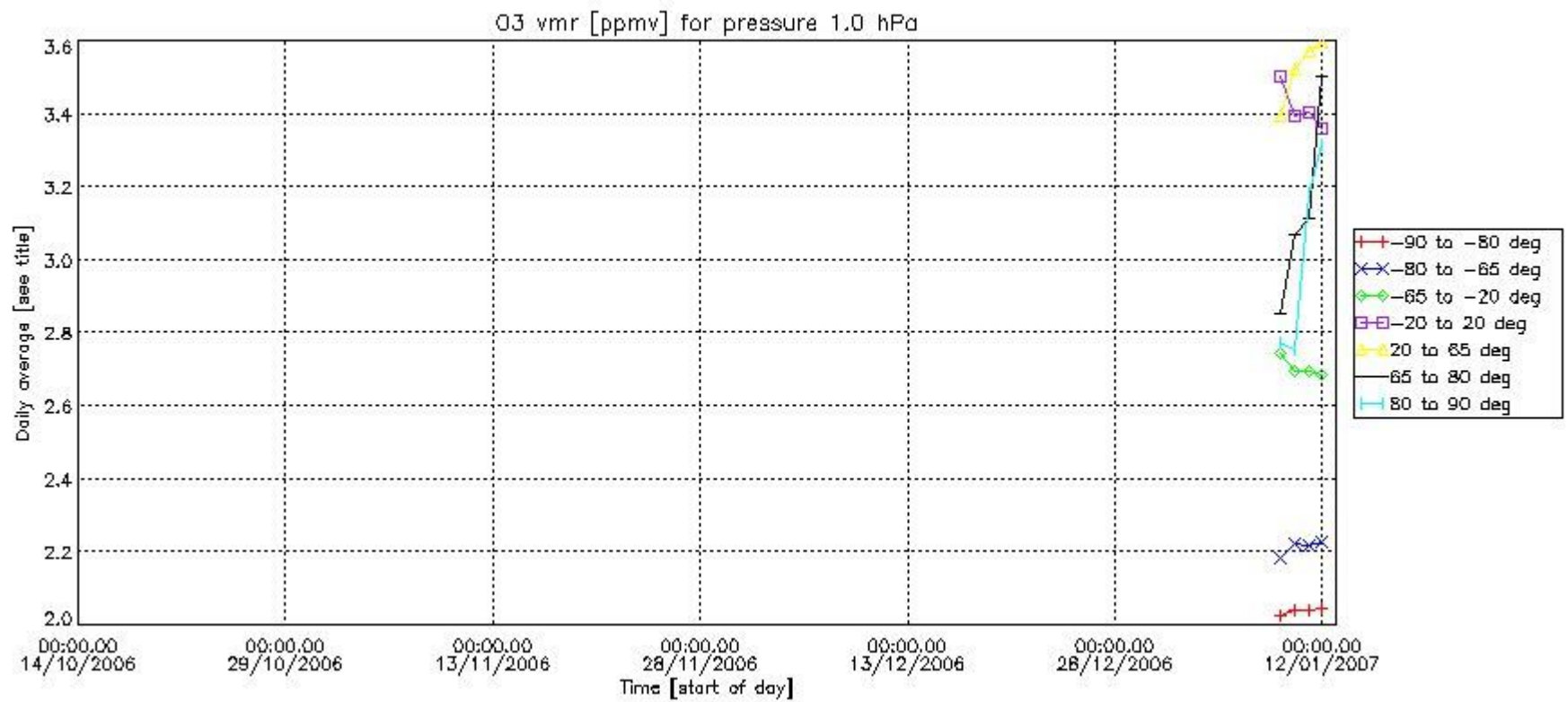


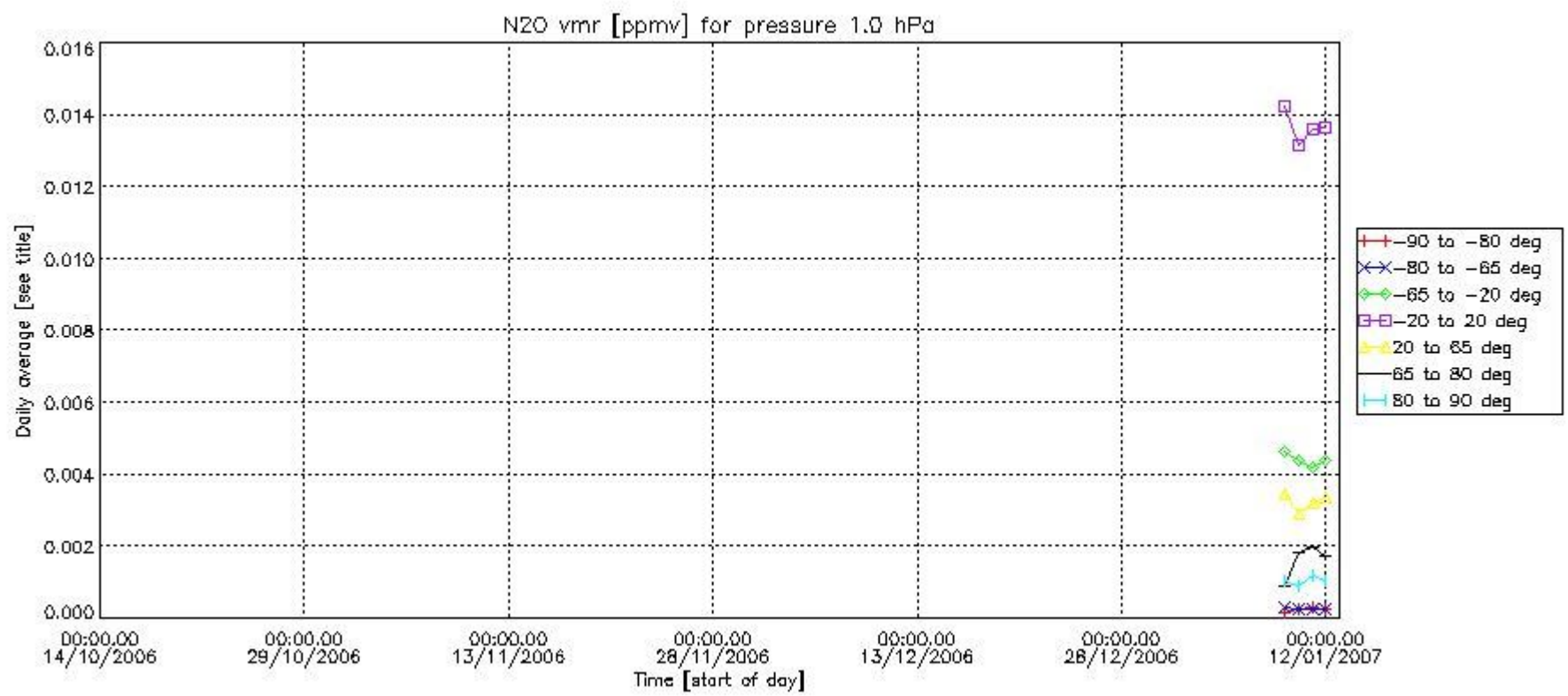
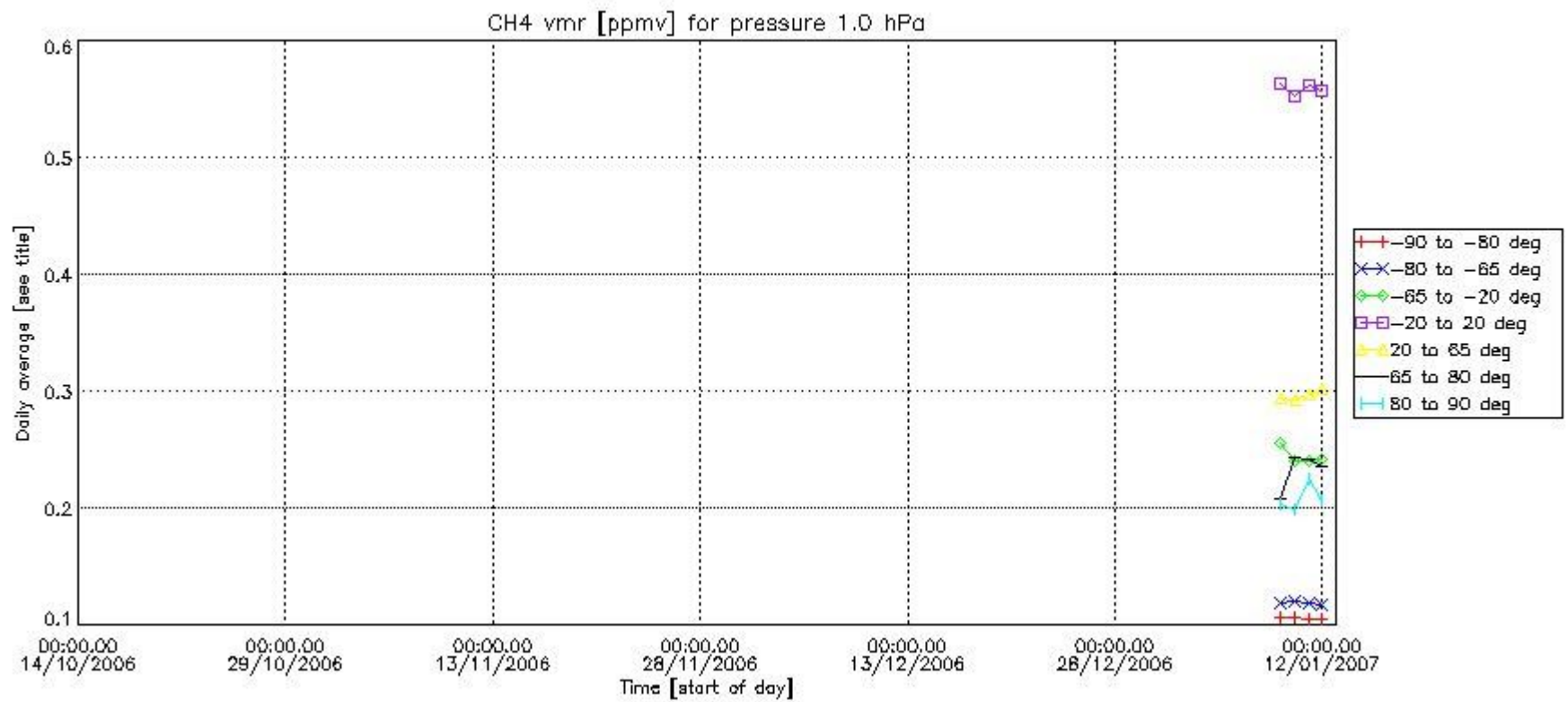


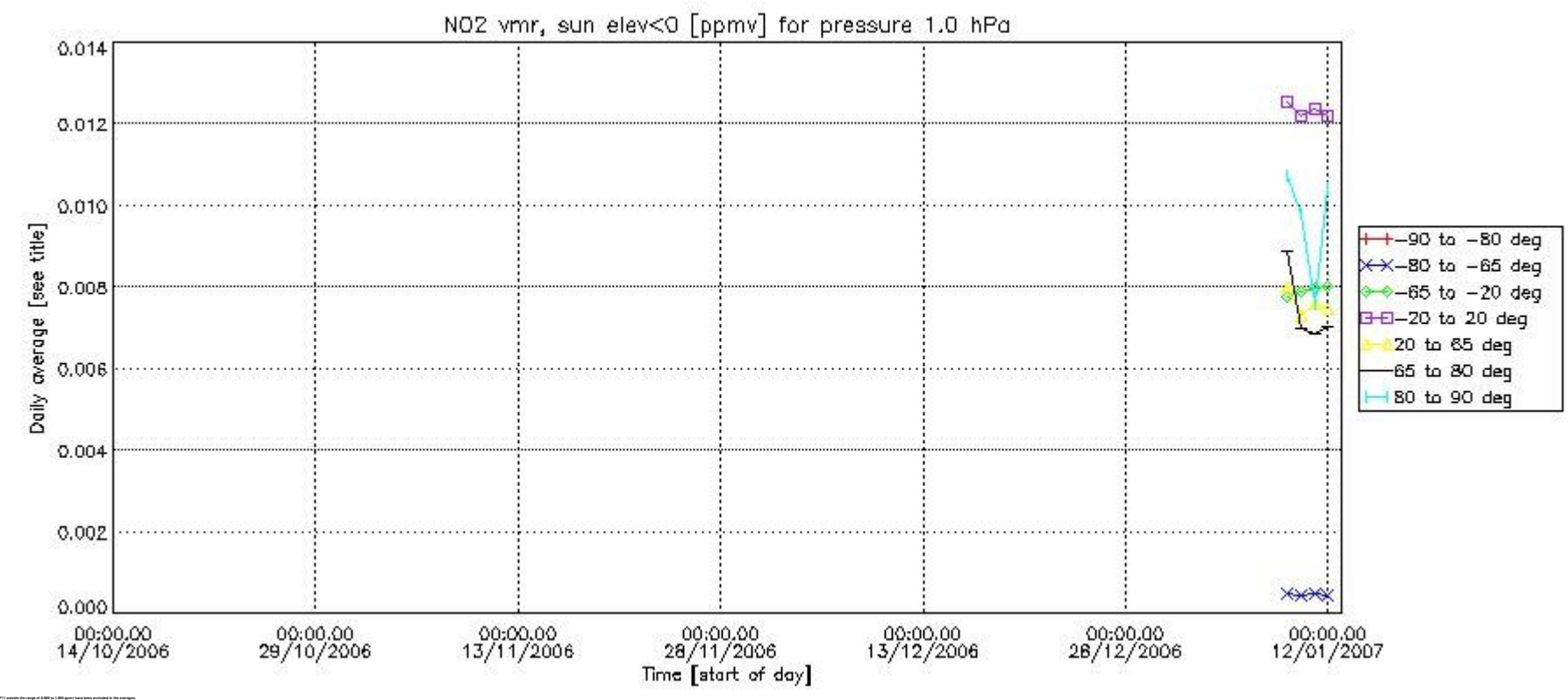
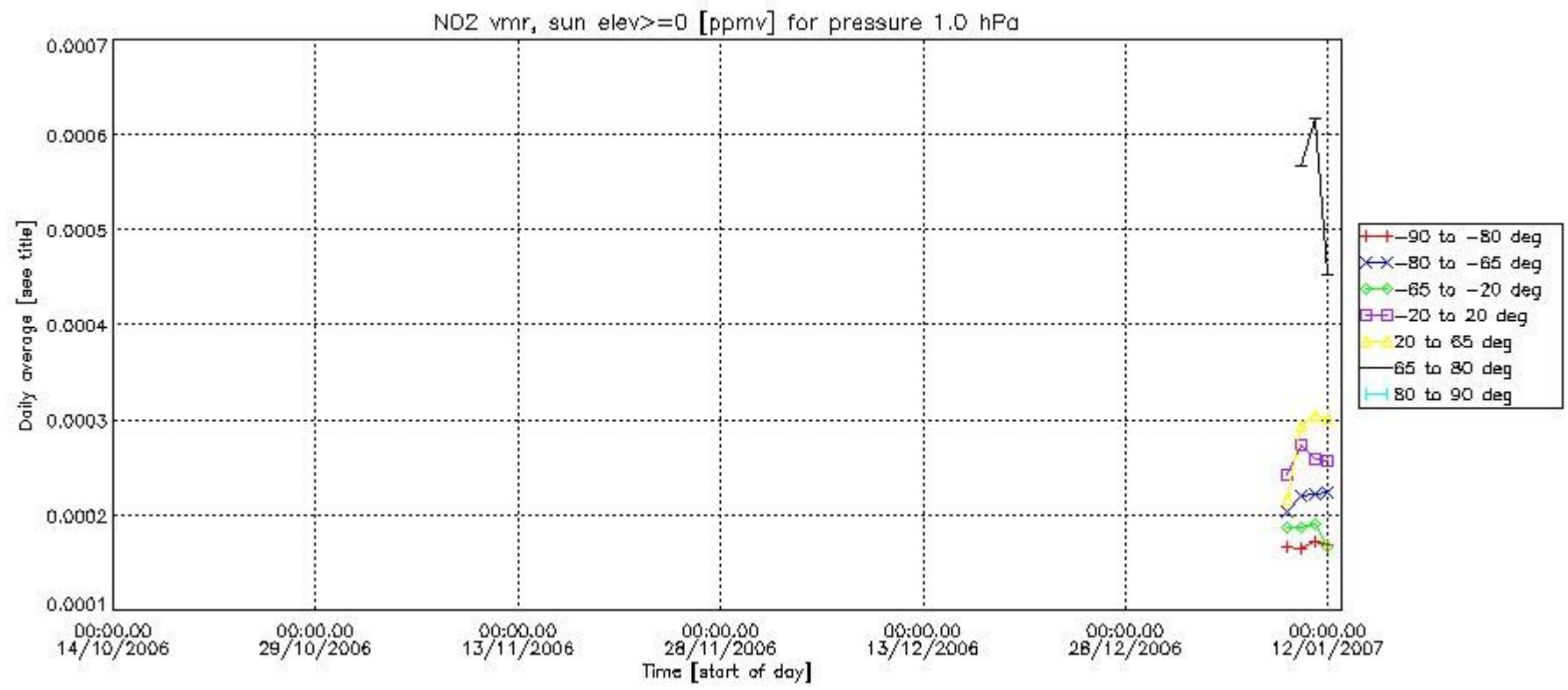


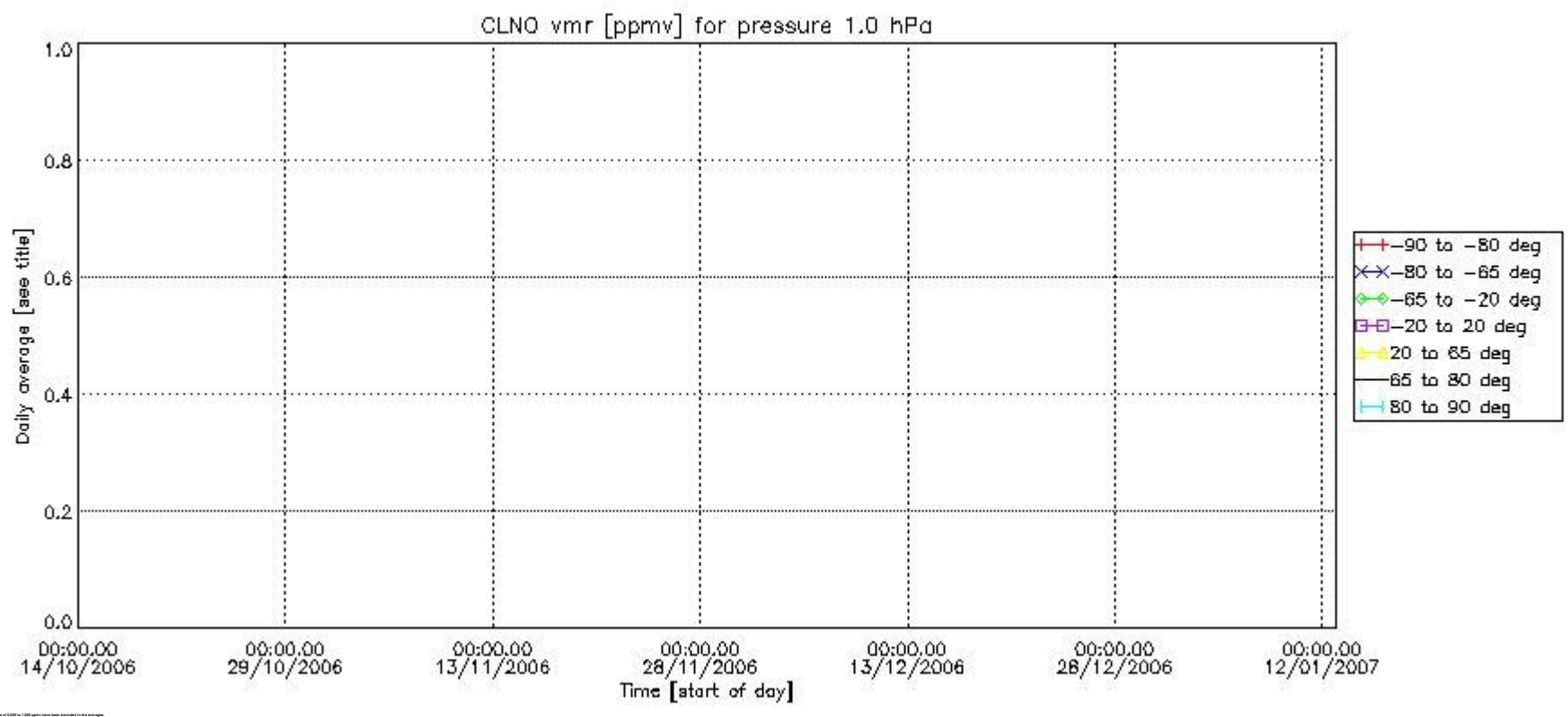
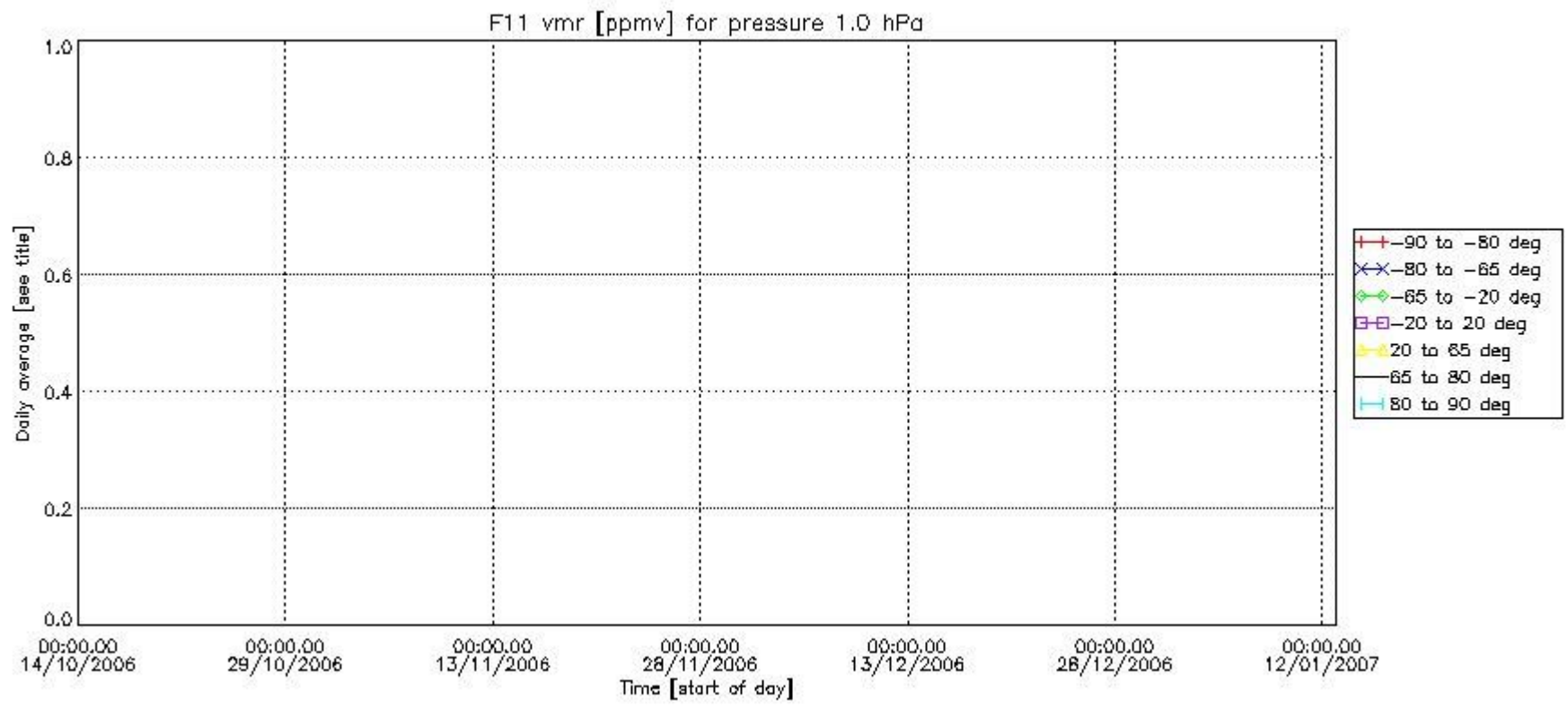


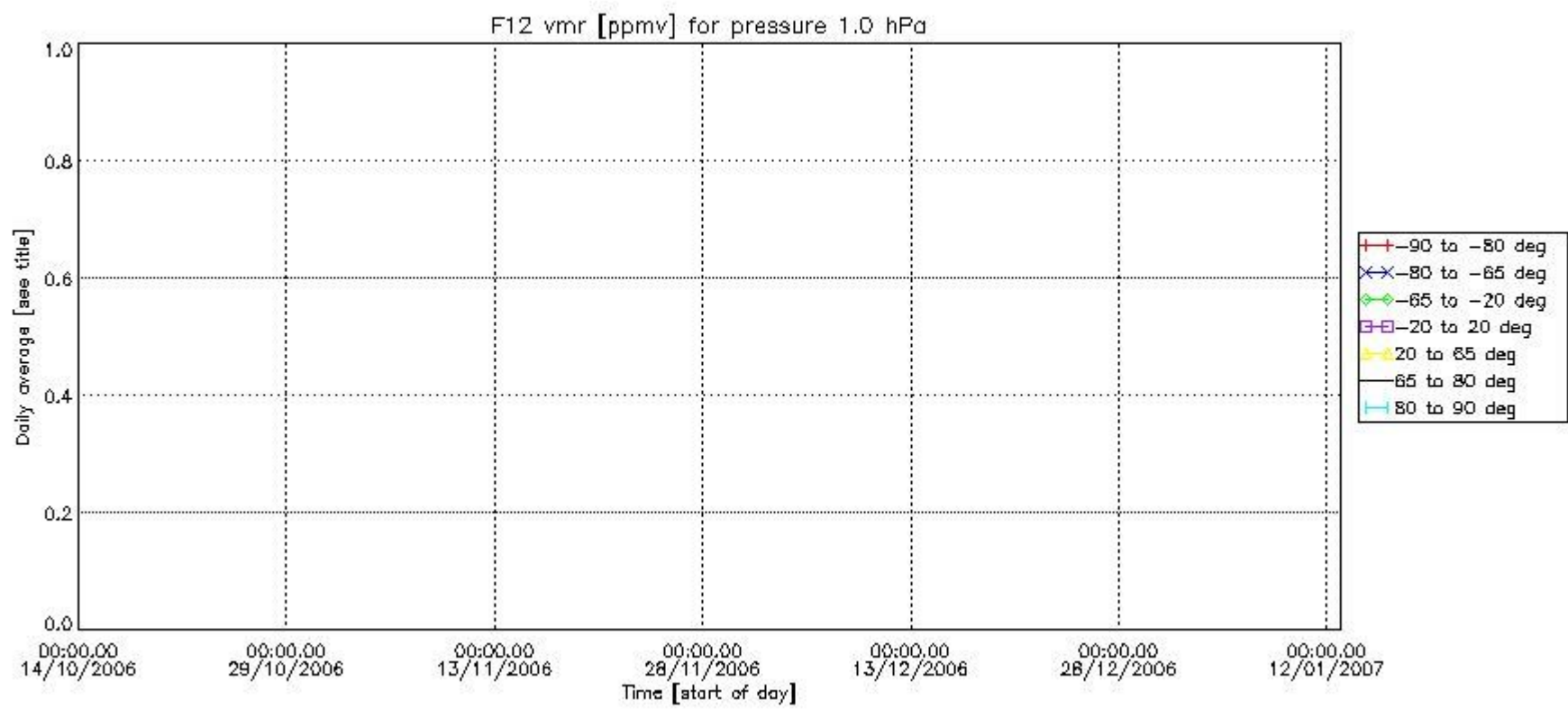
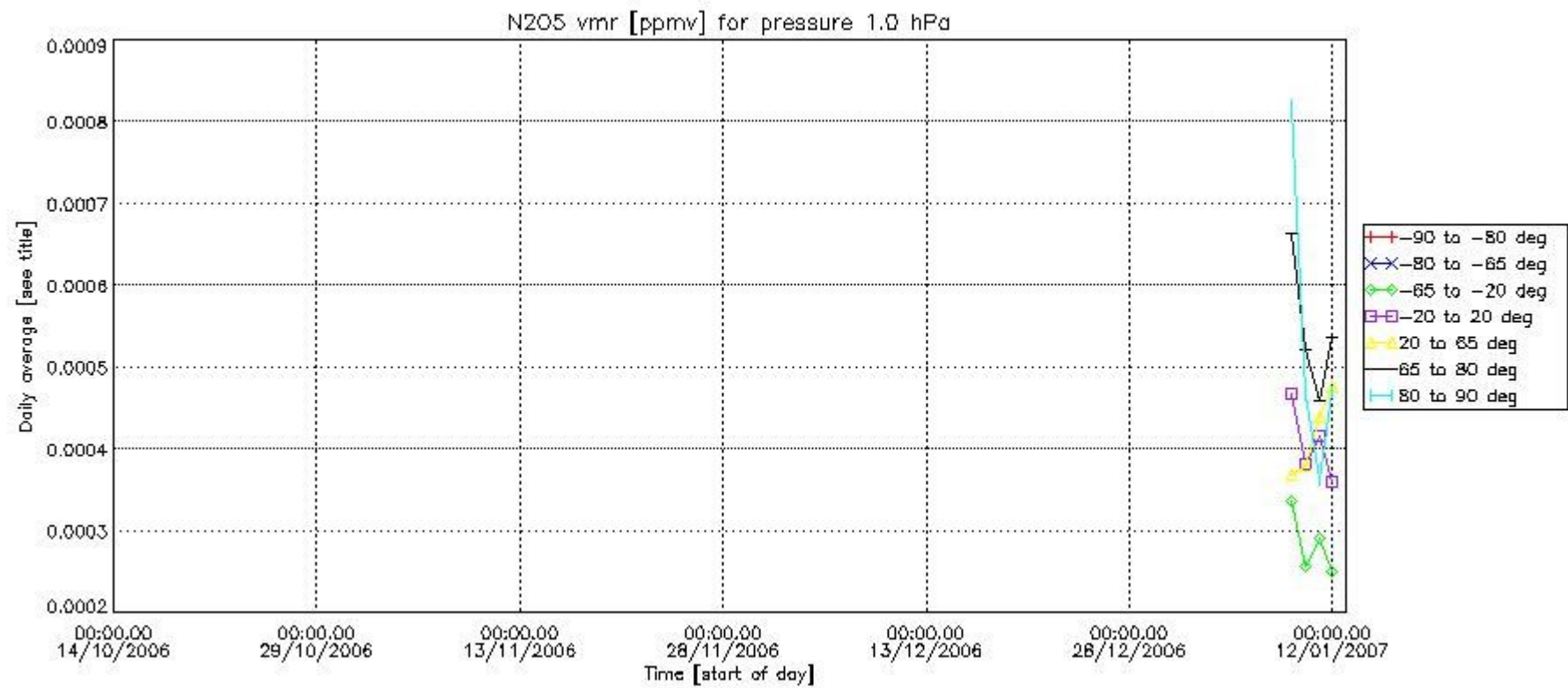


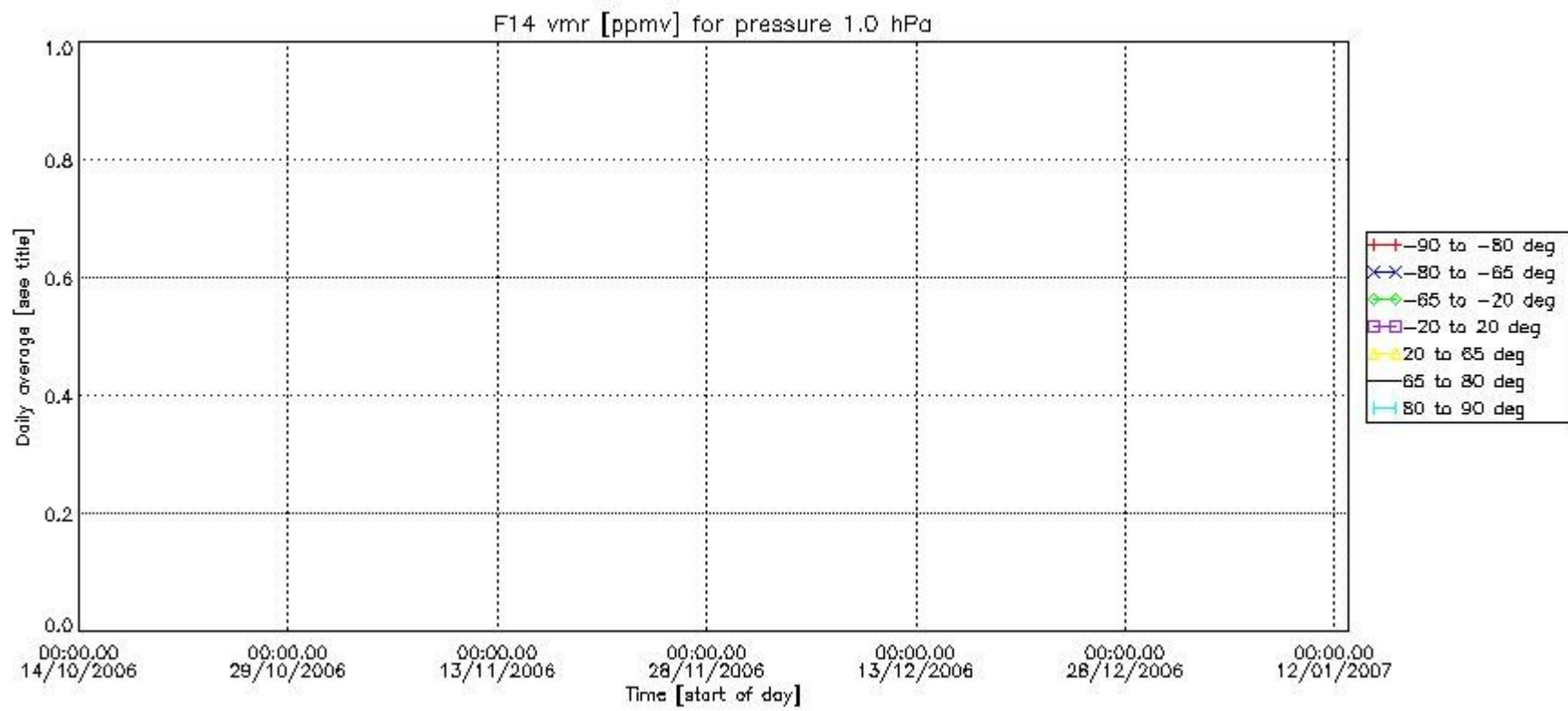
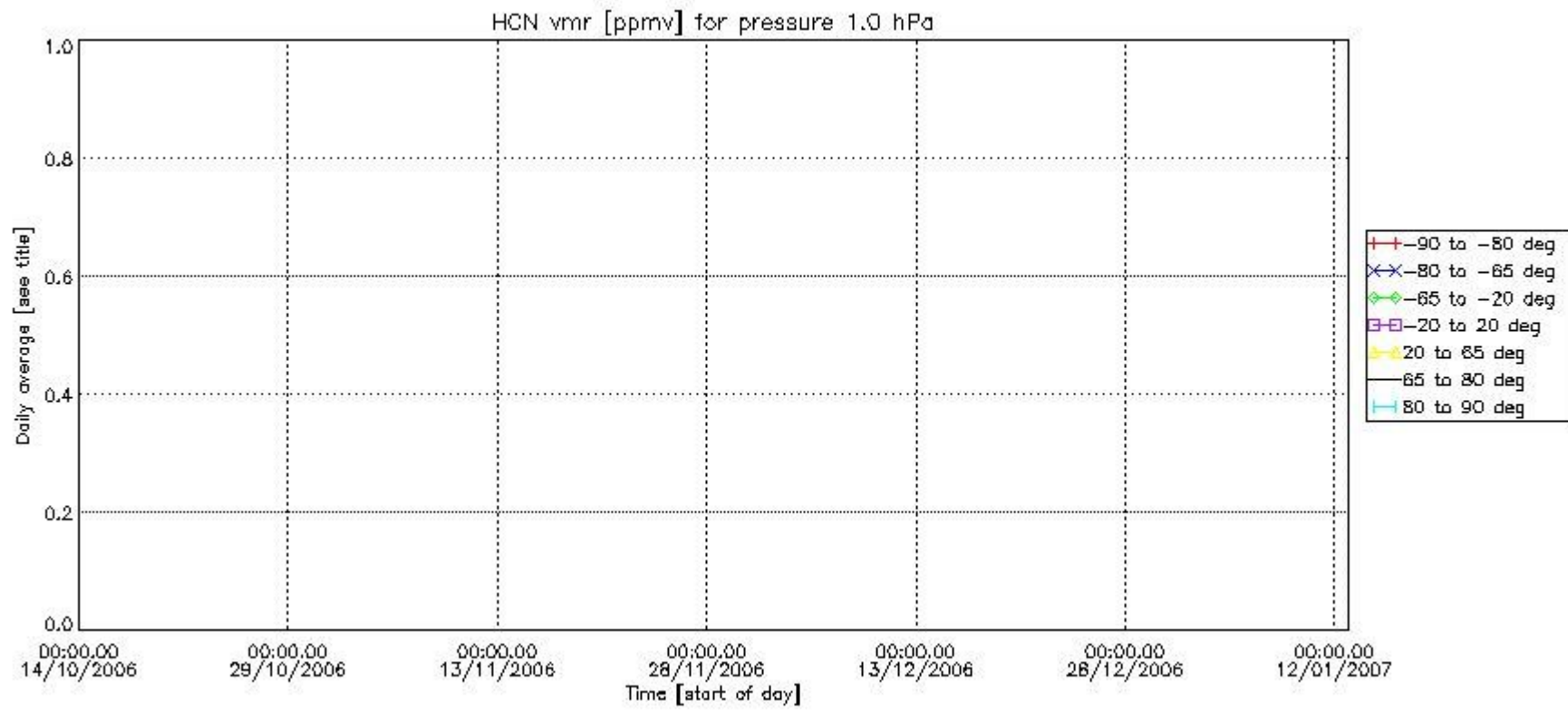


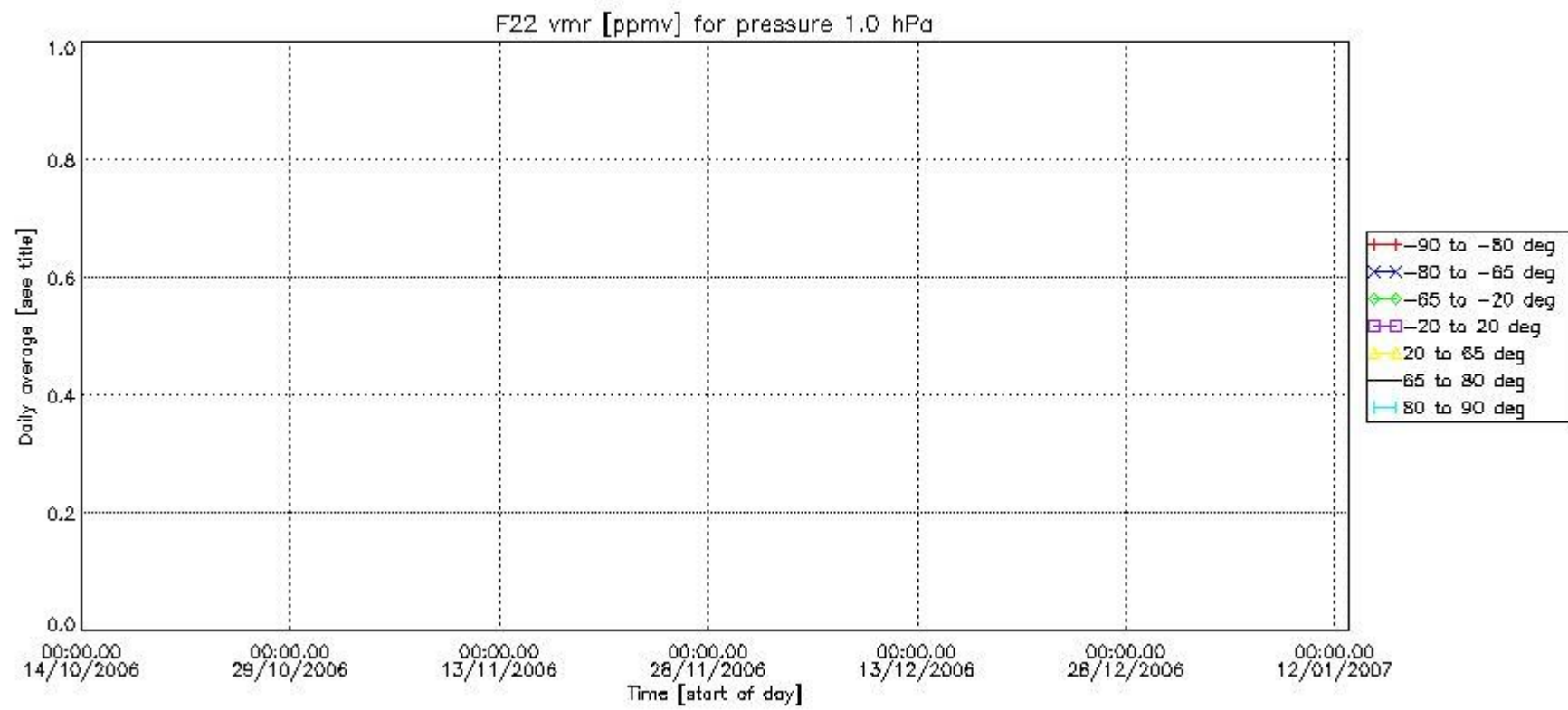












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

