

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20070119.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 10:00:12
Data source version	ML2PP/7.03-W
Processing scope for products	19JAN2007 00:00:00 to 20JAN2007 00:00:00
Start time of first product within scope	18JAN2007 22:25:42
Stop time of last product within scope	19JAN2007 23:33:51
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.

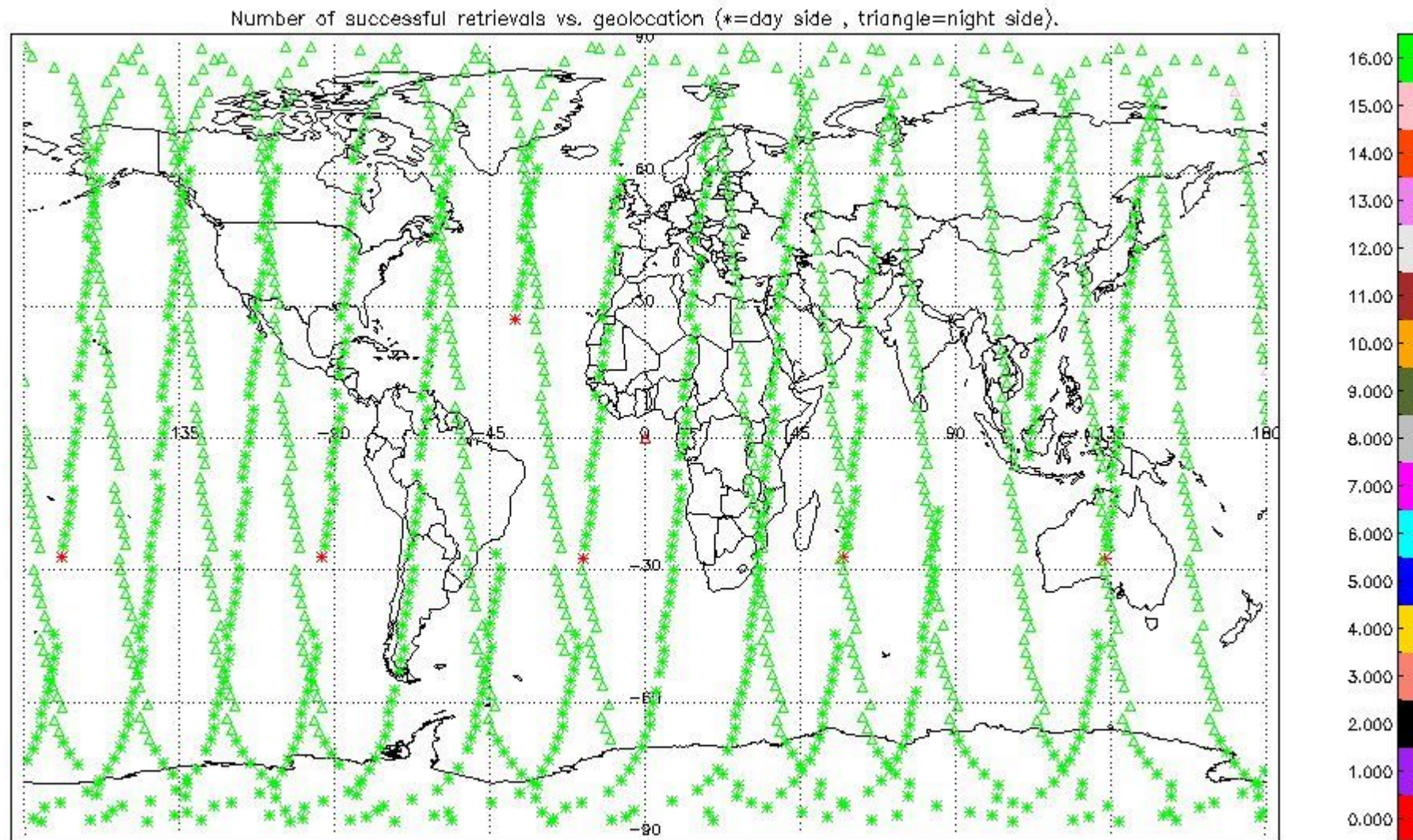
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20070118_222542_000059912054_00445_25549_1000.N1	18JAN2007 22:25:42	19JAN2007 00:05:33	0	132/132	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]
1	MIP_NL__2PWDSI20070119_000609_000060342054_00446_25550_1000.N1	19JAN2007 00:06:09	19JAN2007 01:46:43	0	129/129	VMR_TERM_MACRO_MICRO[HCN/micro:1; F14/micro:1]
2	MIP_NL__2PWDSI20070119_014649_000035332054_00447_25551_1000.N1	19JAN2007 01:46:49	19JAN2007 02:45:42	0	78/78	VMR_TERM_MACRO_MICRO[HCN/macro:2; F14/micro:1]
3	MIP_NL__2PWDSI20070119_042910_000022902054_00448_25552_1000.N1	19JAN2007 04:29:10	19JAN2007 05:07:20	0	51/51	
4	MIP_NL__2PWDSI20070119_050756_000060352054_00449_25553_1000.N1	19JAN2007 05:07:56	19JAN2007 06:48:30	0	129/129	VMR_TERM_MACRO_MICRO[HCN/micro:2]
5	MIP_NL__2PWDSI20070119_064837_000060352054_00450_25554_1000.N1	19JAN2007 06:48:37	19JAN2007 08:29:11	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:2; F14/macro:1; HCN/micro:1]
6	MIP_NL__2PWDSI20070119_082918_000059912054_00451_25555_1000.N1	19JAN2007 08:29:18	19JAN2007 10:09:08	0	132/132	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1]
7	MIP_NL__2PWDSI20070119_100944_000060342054_00452_25556_1000.N1	19JAN2007 10:09:44	19JAN2007 11:50:18	0	129/129	VMR_TERM_MACRO_MICRO[CCL4/micro:2; HCN/micro:1]
8	MIP_NL__2PWDSI20070119_115024_000060312054_00453_25557_1000.N1	19JAN2007 11:50:24	19JAN2007 13:30:56	0	115/115	
9	MIP_NL__2PWDSI20070119_133102_000059912054_00454_25558_1000.N1	19JAN2007 13:31:02	19JAN2007 15:10:53	0	132/132	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1]
10	MIP_NL__2PWDSI20070119_151128_000060382054_00455_25559_1000.N1	19JAN2007 15:11:28	19JAN2007 16:52:06	0	129/129	VMR_TERM_MACRO_MICRO[CH4/micro:2; COF2/micro:1; HCN/micro:1]
11	MIP_NL__2PWDSI20070119_165212_000060352054_00456_25560_1000.N1	19JAN2007 16:52:12	19JAN2007 18:32:47	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:2; HCN/micro:2]
12	MIP_NL__2PWDSI20070119_183253_000059912054_00457_25561_1000.N1	19JAN2007 18:32:53	19JAN2007 20:12:44	0	132/132	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:6]
13	MIP_NL__2PWDSI20070119_201319_000052152054_00458_25562_1000.N1	19JAN2007 20:13:19	19JAN2007 21:40:15	0	111/111	VMR_TERM_MACRO_MICRO[HCN/macro:3; F14/macro:2]
14	MIP_NL__2PWDSI20070119_232230_00006812054_00459_25563_1000.N1	19JAN2007 23:22:30	19JAN2007 23:33:51	0	15/15	VMR_TERM_MACRO_MICRO[F14/micro:1]

2.2 Processing performance indicators

2.2.1 Successful retrievals

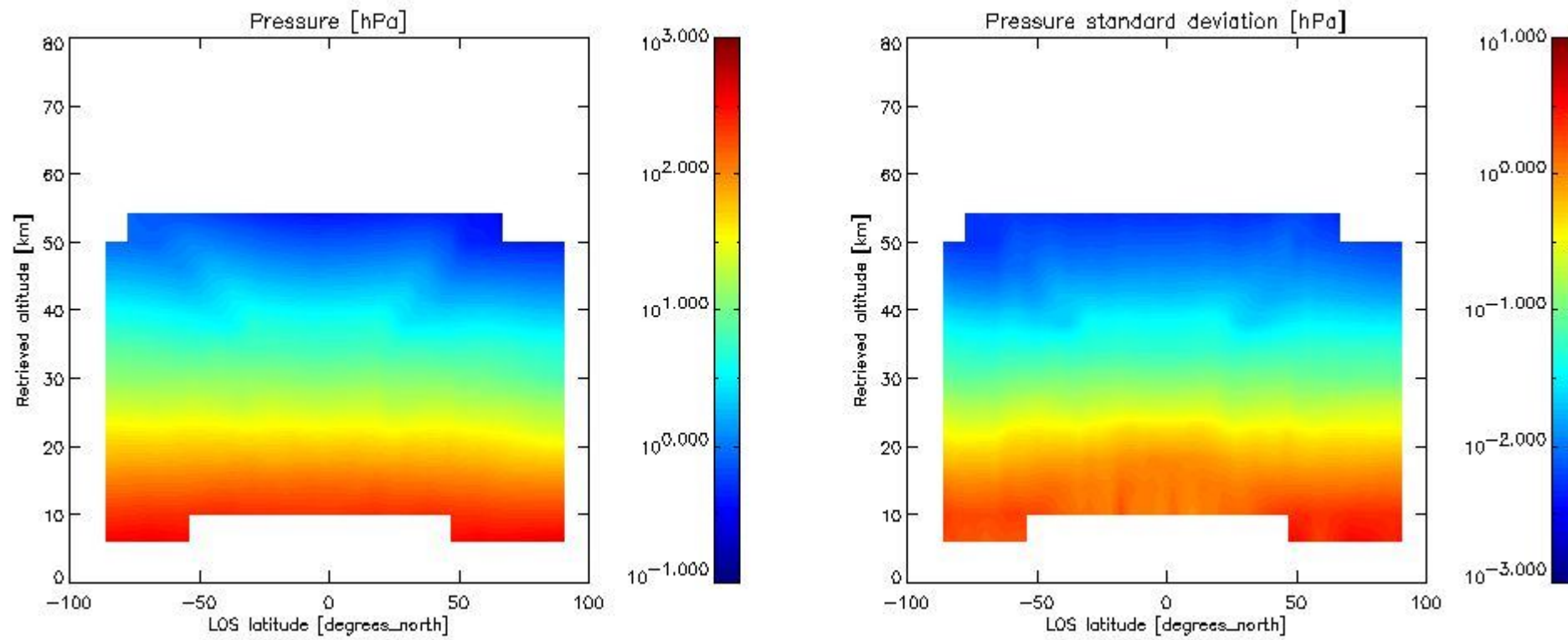
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1680	1545	91.964
H2O	1680	1545	91.964
O3	1680	1545	91.964
HNO3	1680	1545	91.964
CH4	1680	1545	91.964
N2O	1680	1545	91.964
NO2	1680	1545	91.964
F11	1680	1545	91.964
CLNO	1680	1545	91.964
N2O5	1680	1545	91.964
F12	1680	1543	91.845
COF2	1680	1545	91.964
CCL4	1680	1545	91.964
HCN	1680	1545	91.964
F14	1680	1545	91.964
F22	1680	1545	91.964



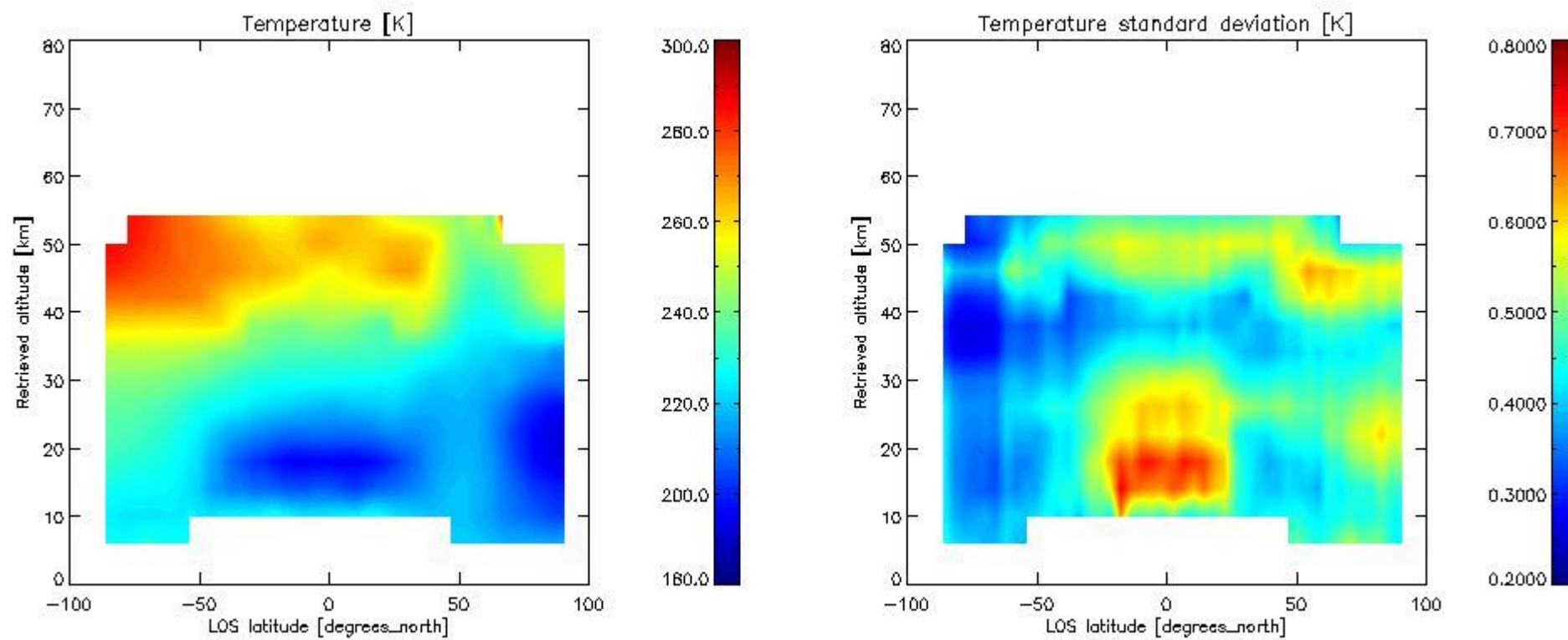
2.2.2 Pressure overview

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



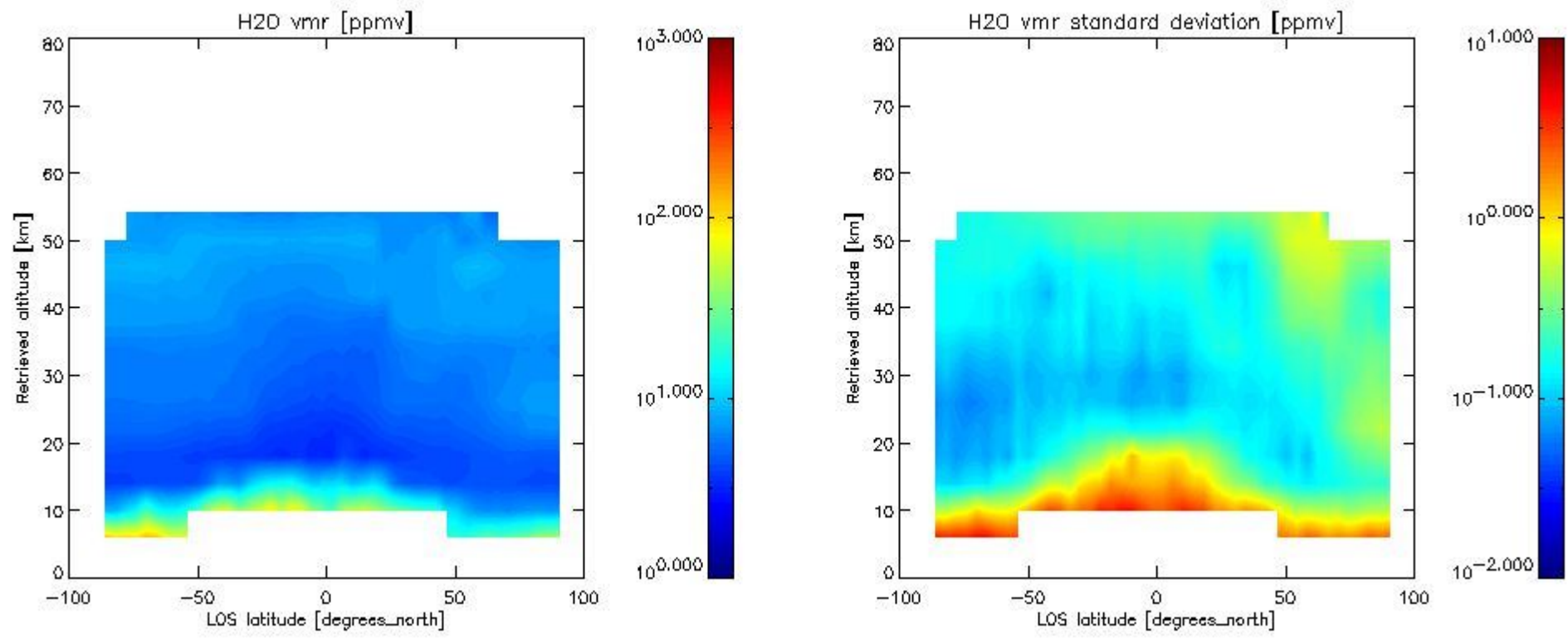
2.2.3 Temperature overview

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

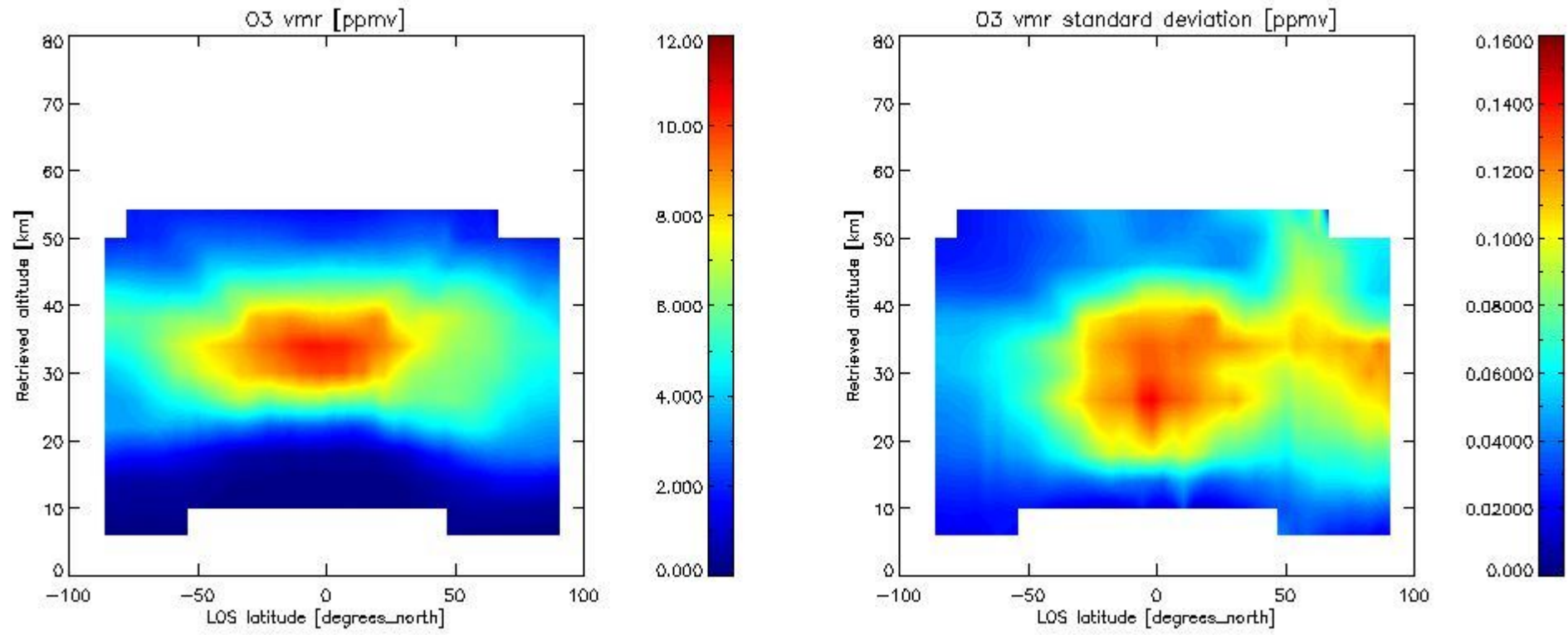


2.2.4 Species overview

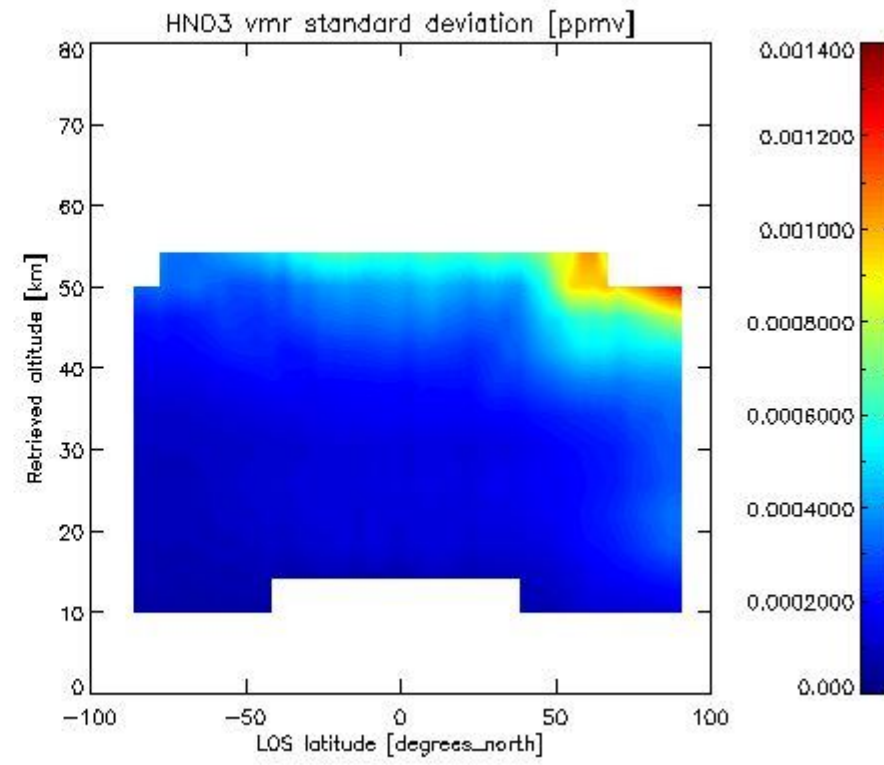
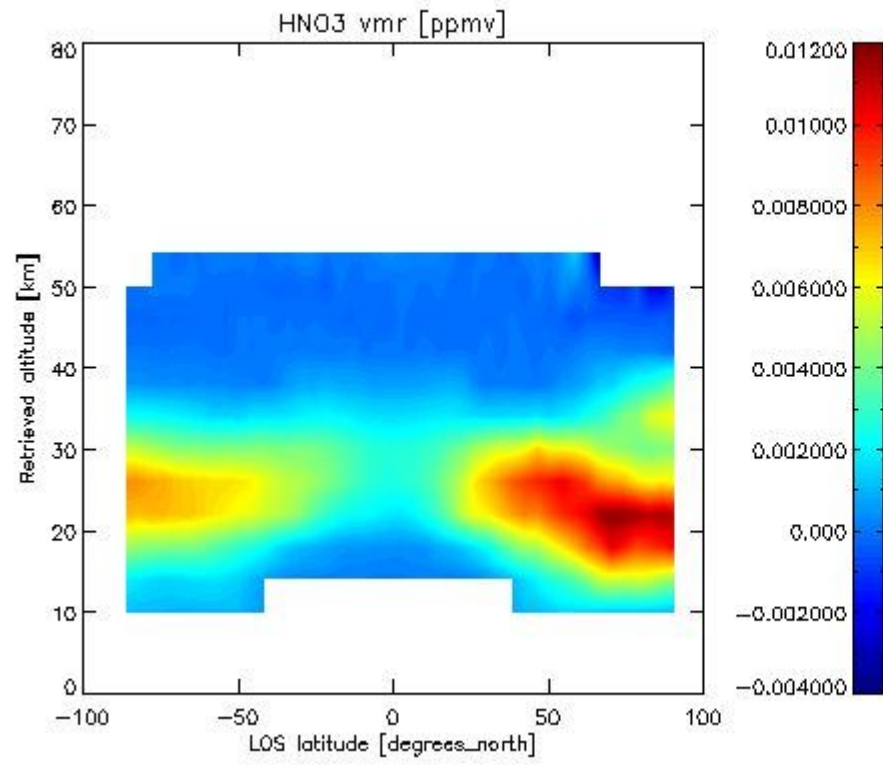
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



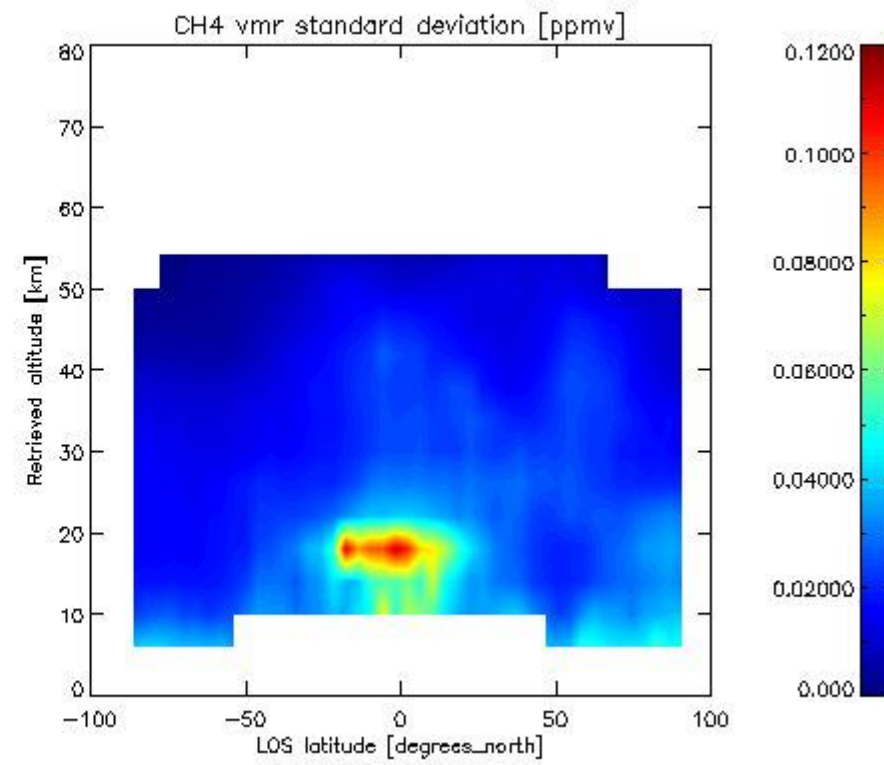
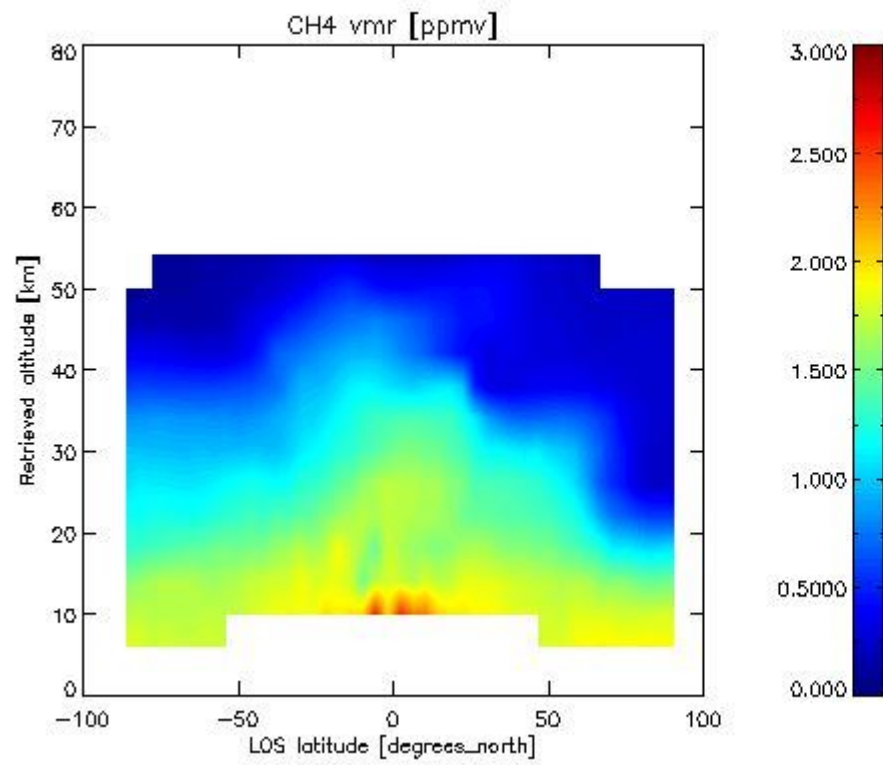
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



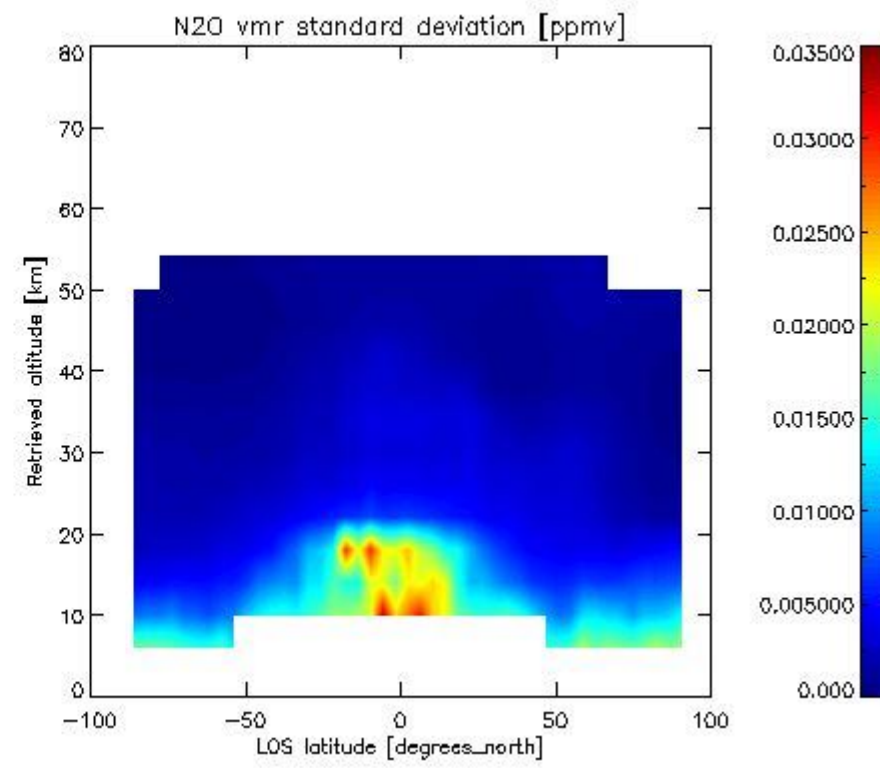
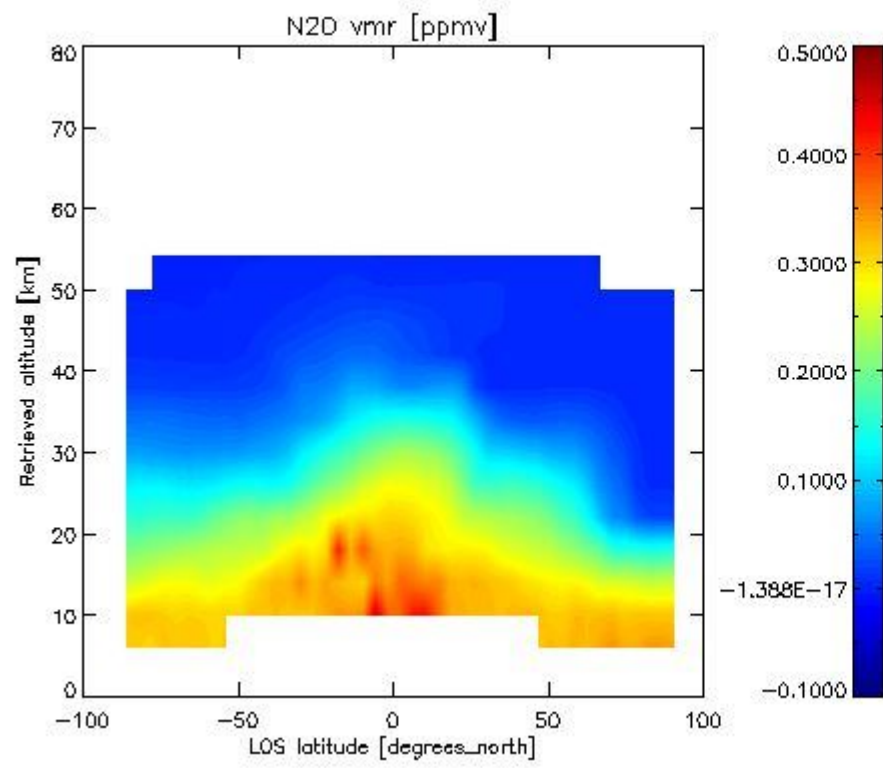
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



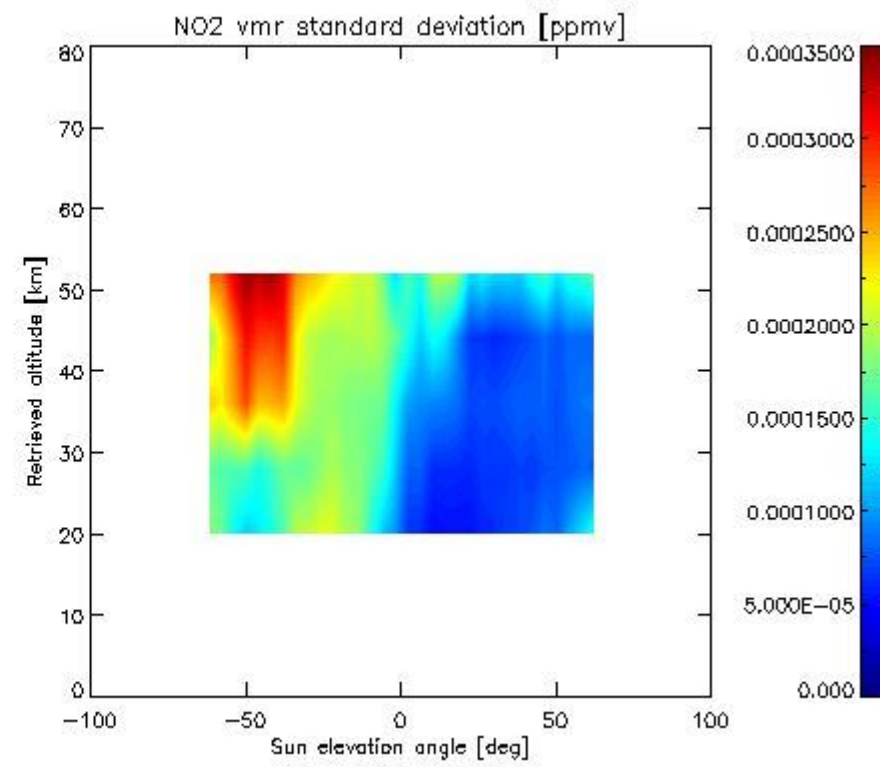
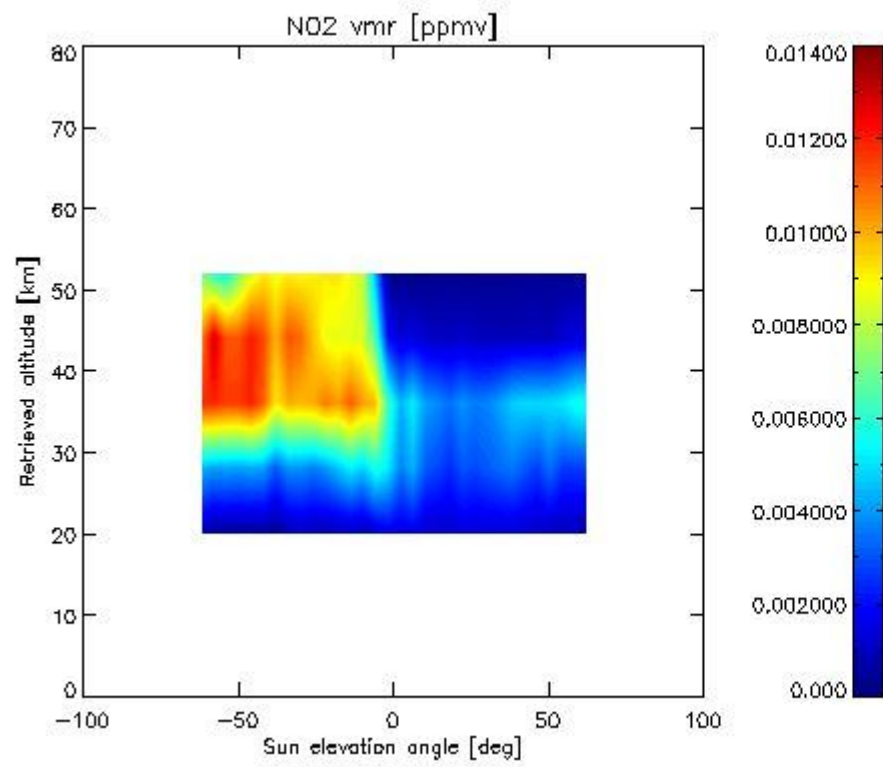
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



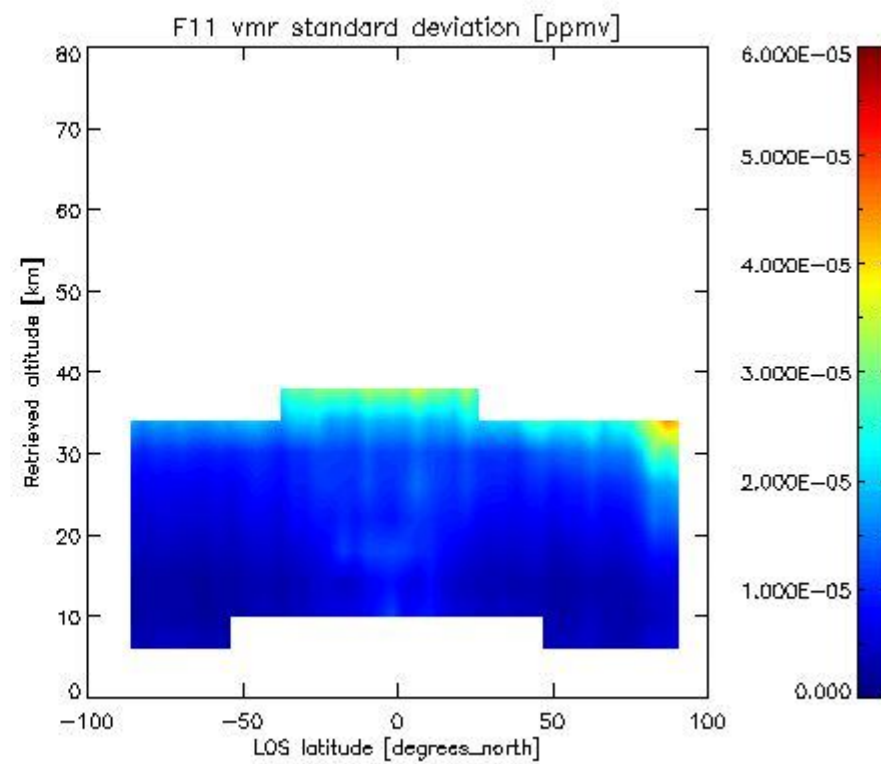
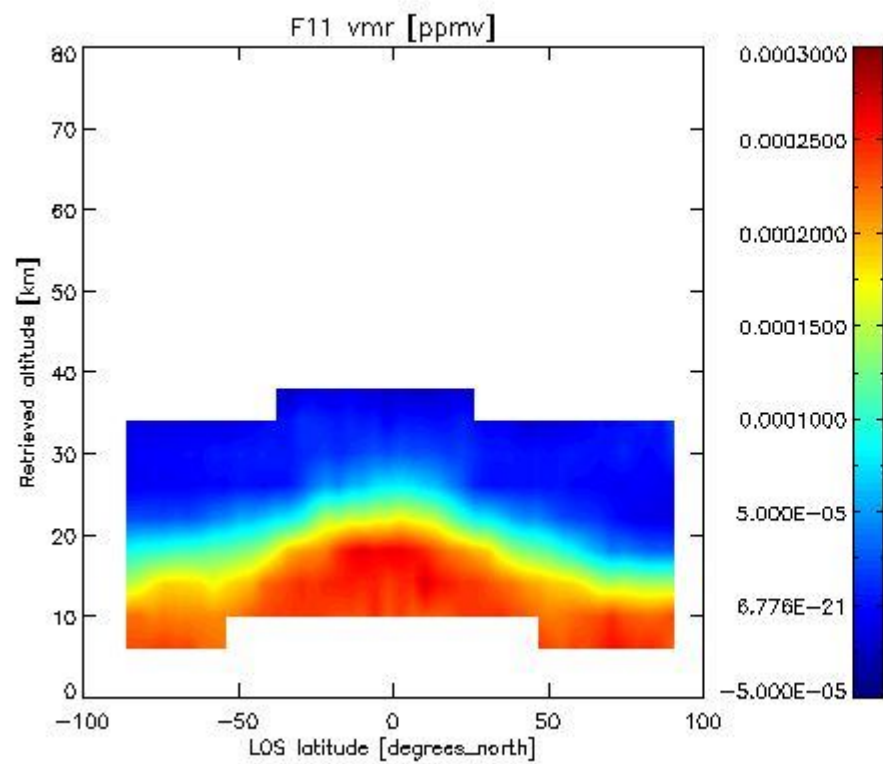
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



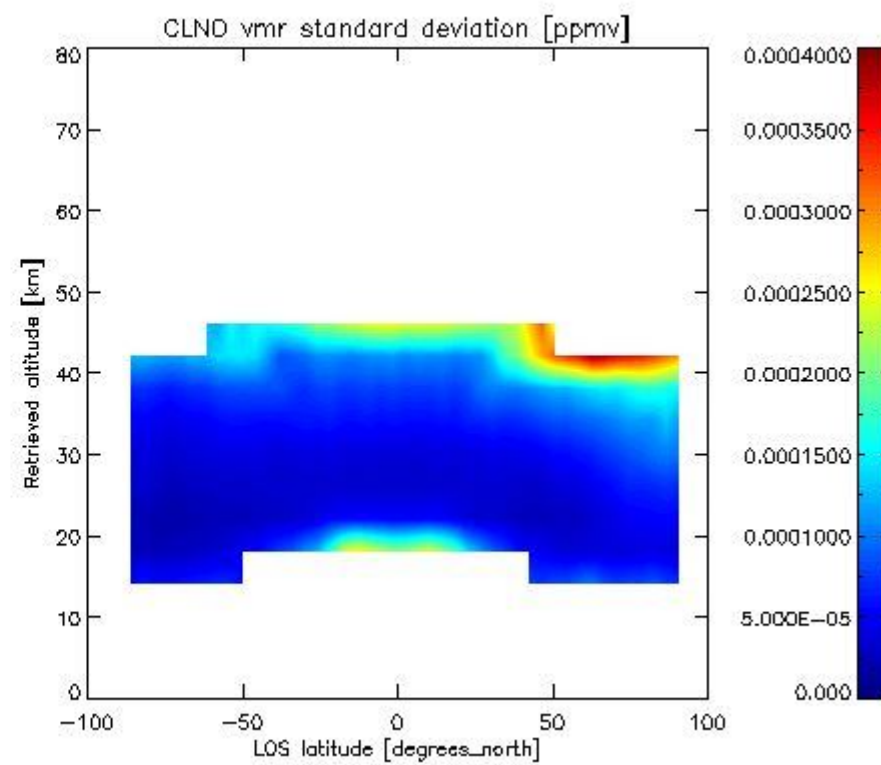
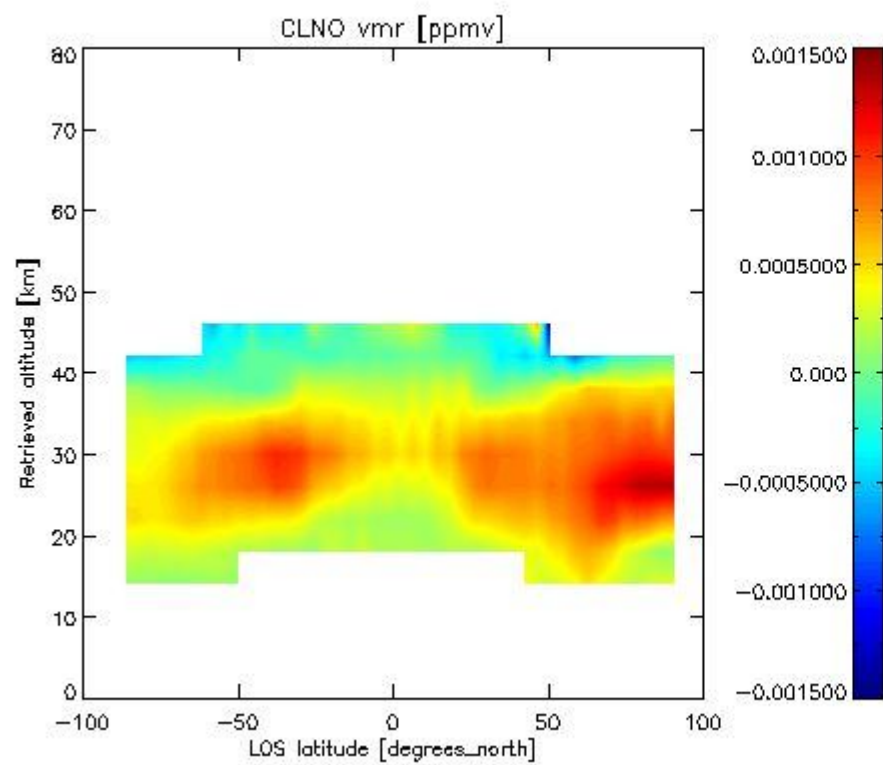
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

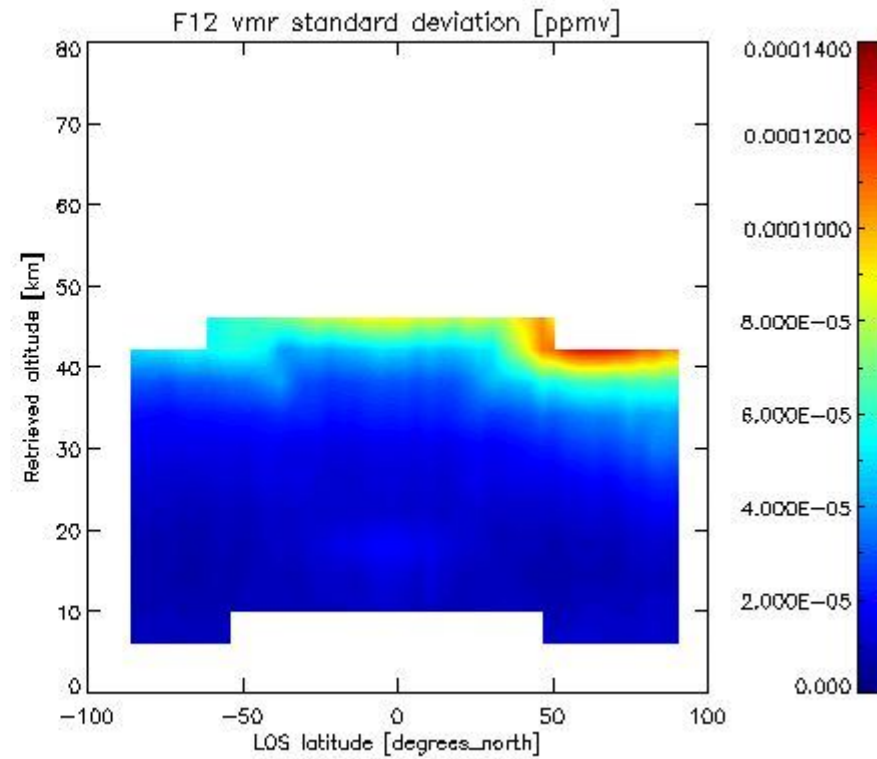
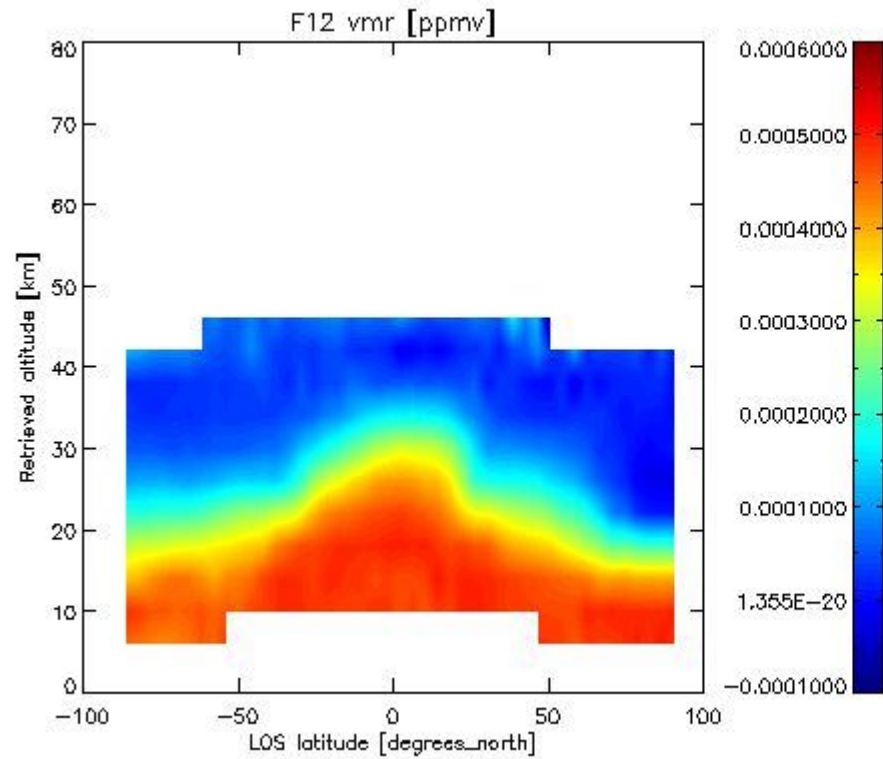
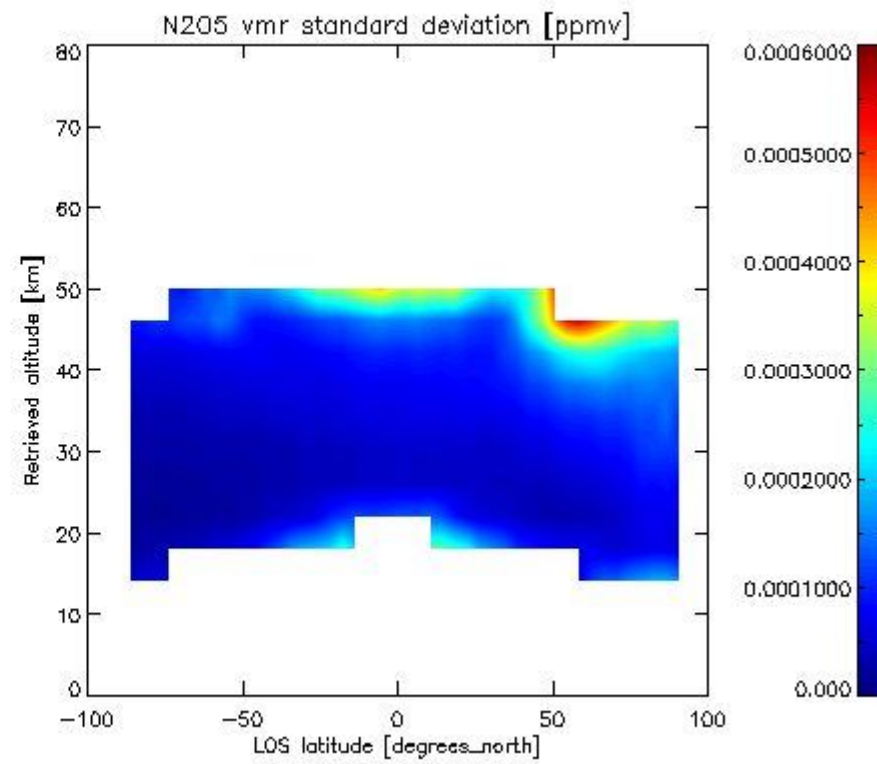
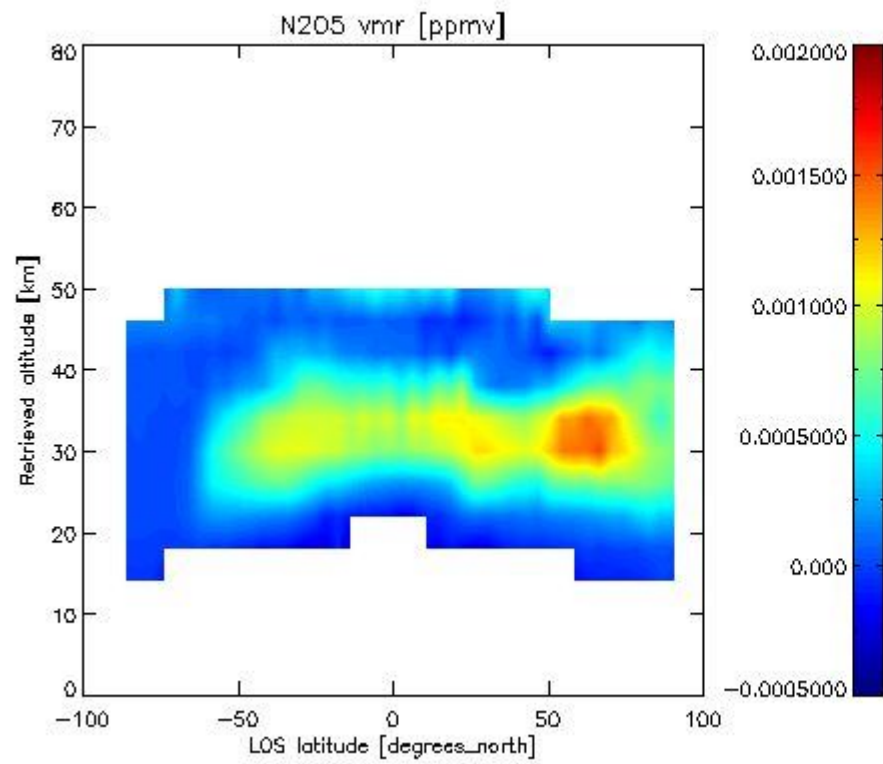


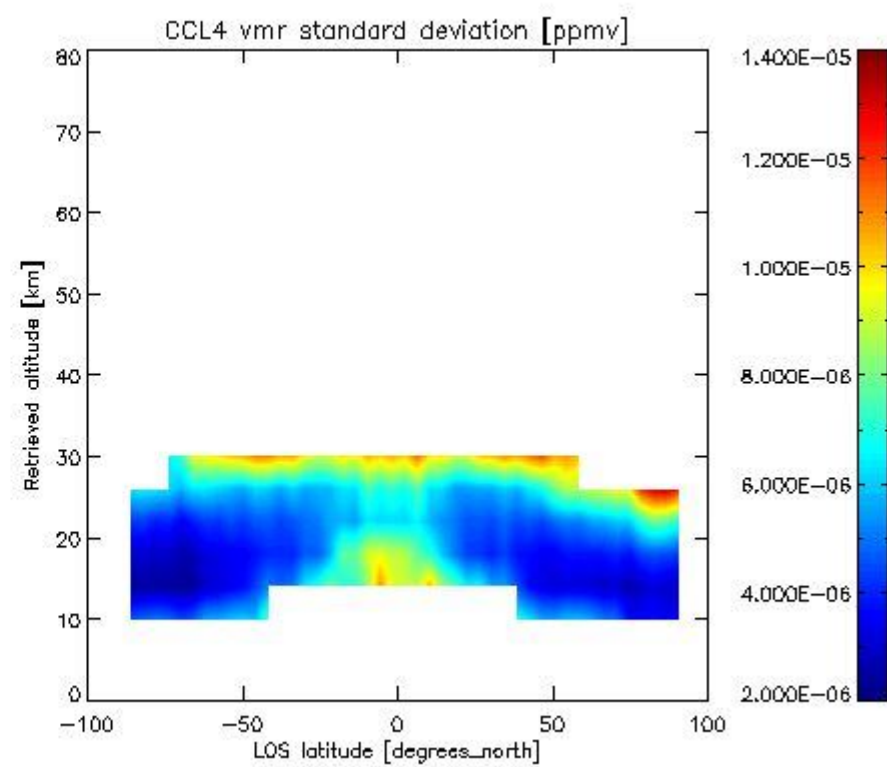
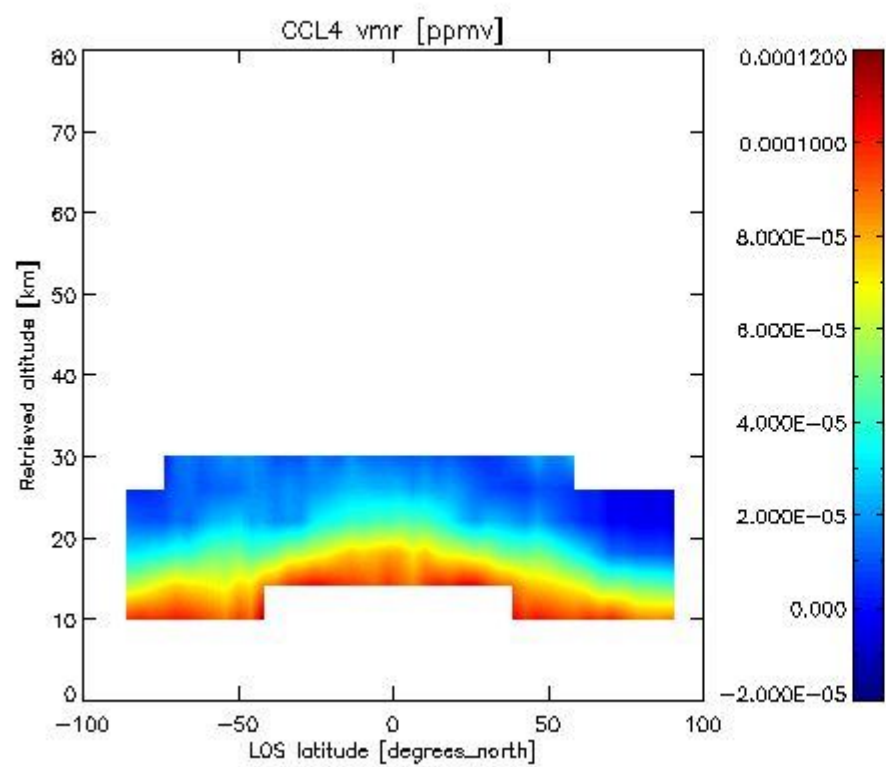
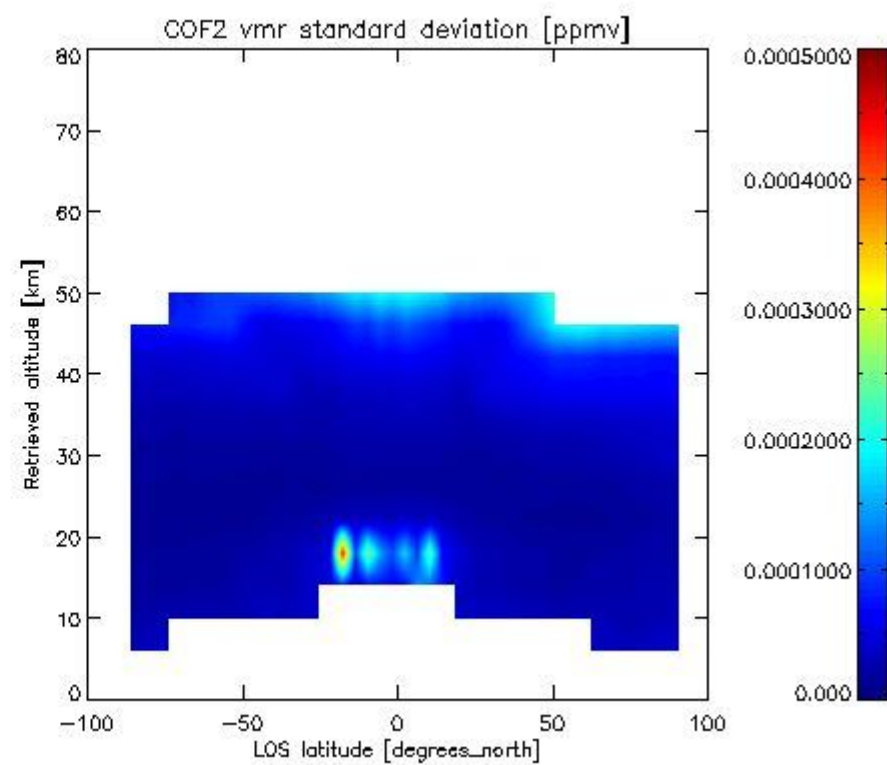
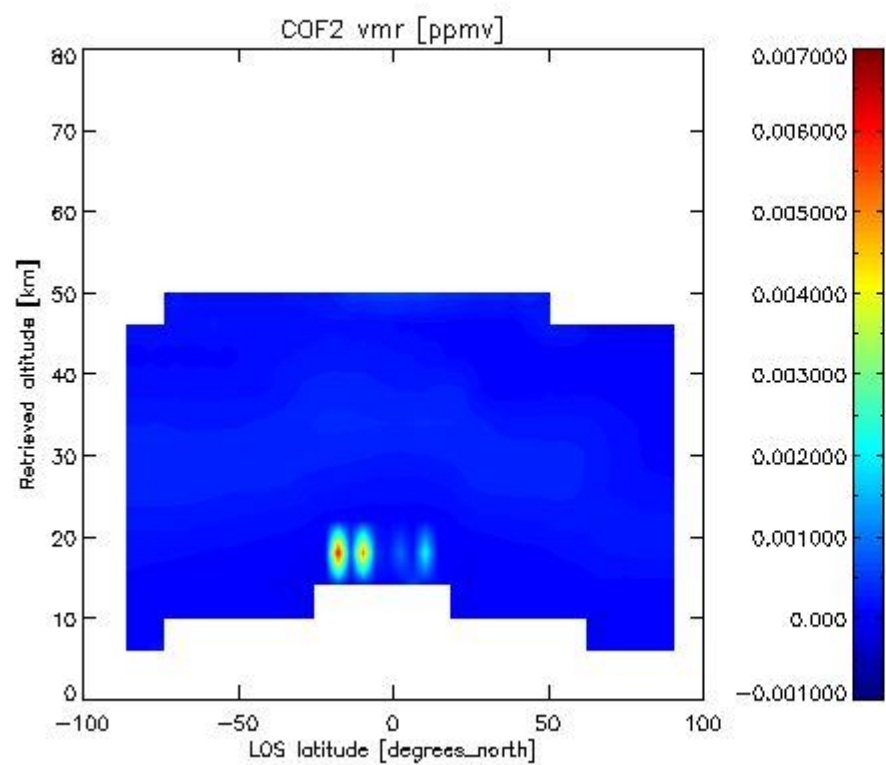
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

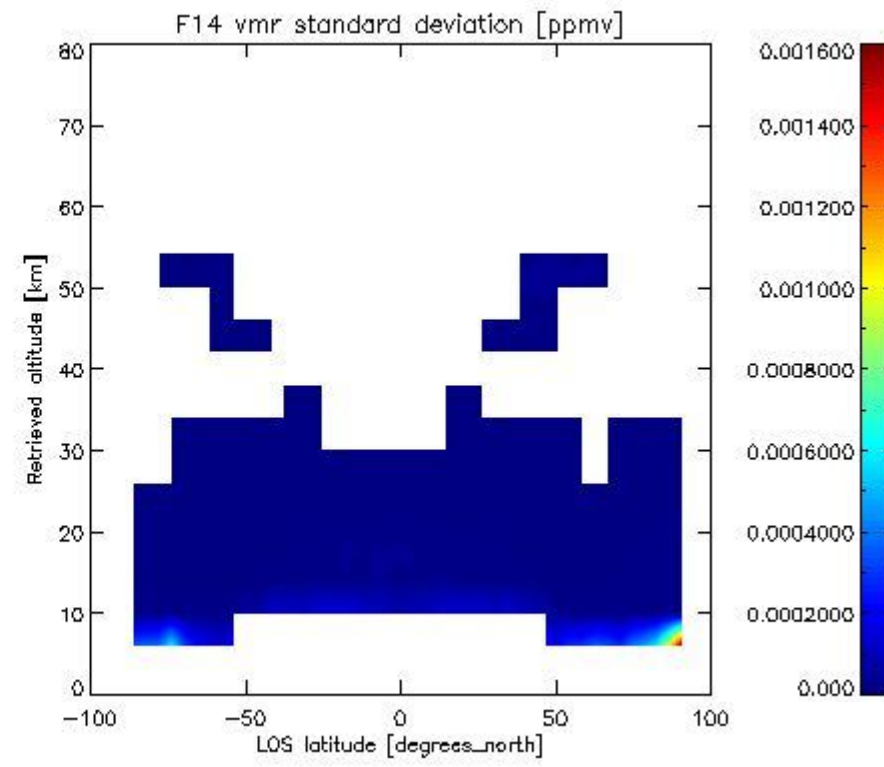
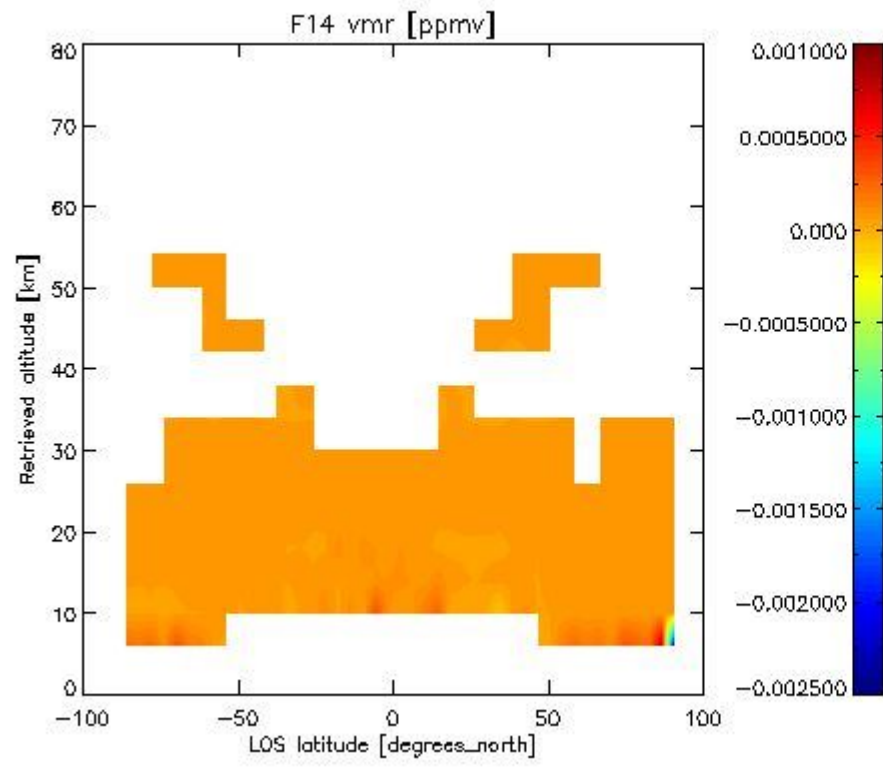
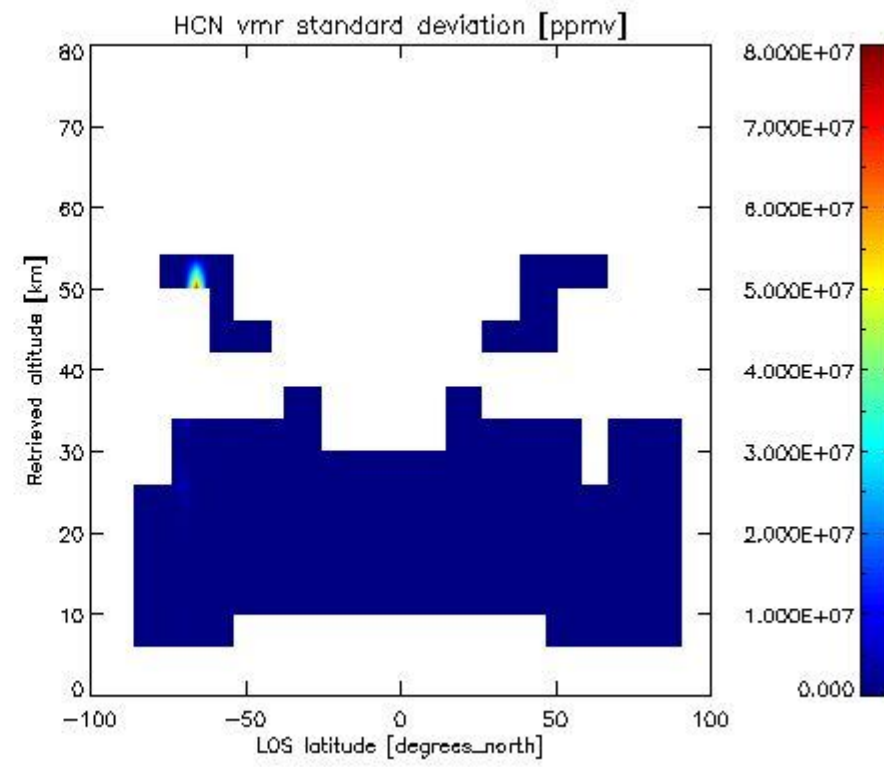
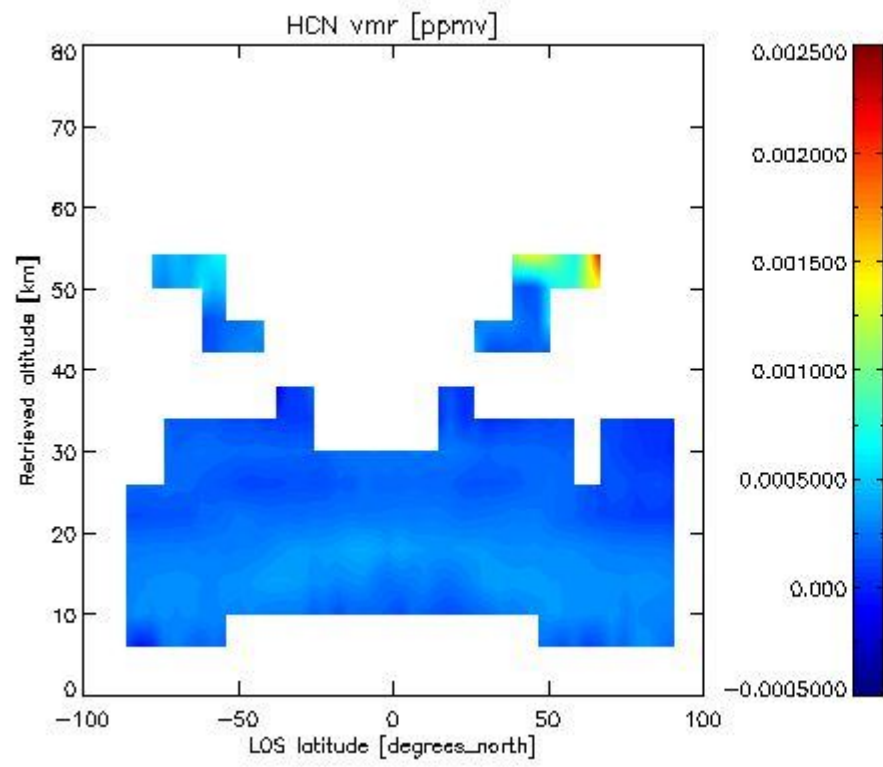


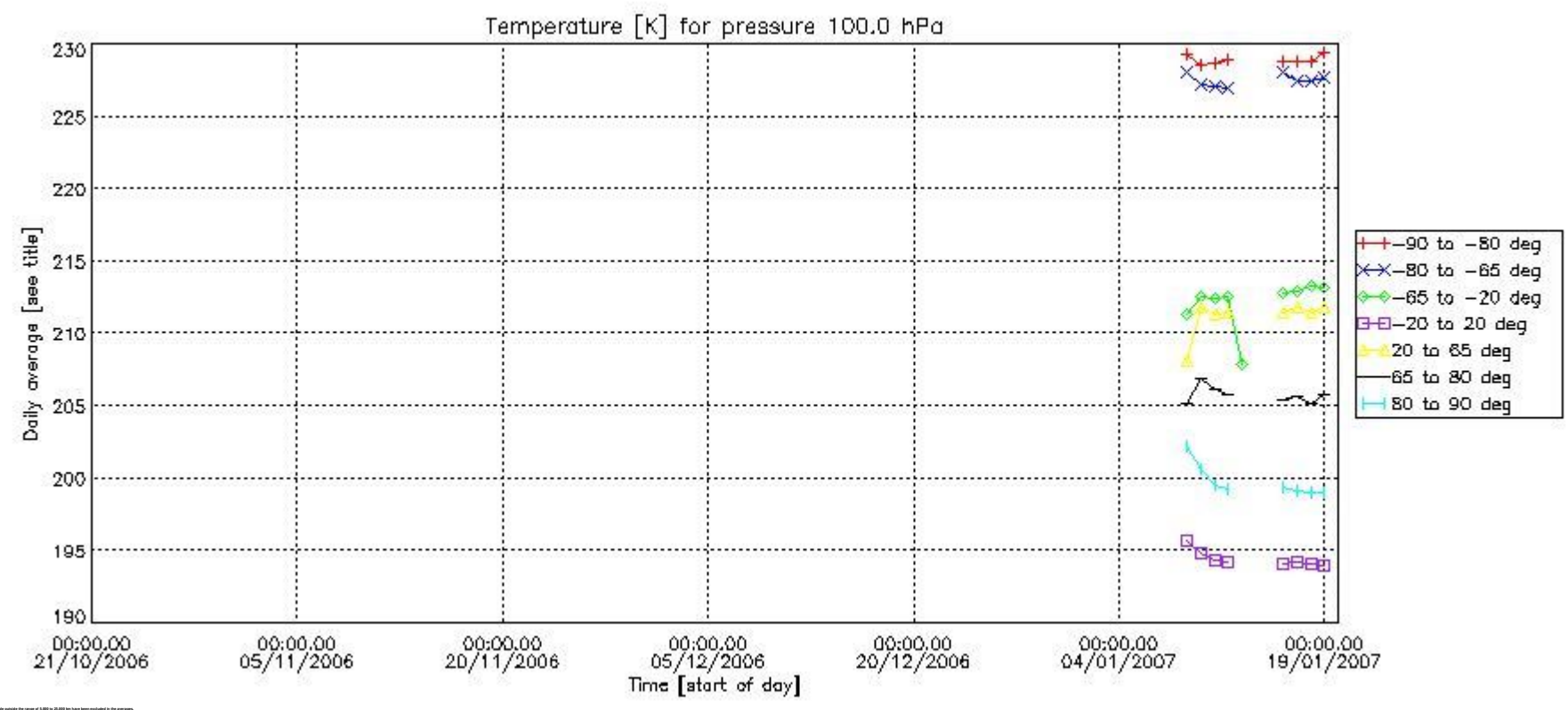
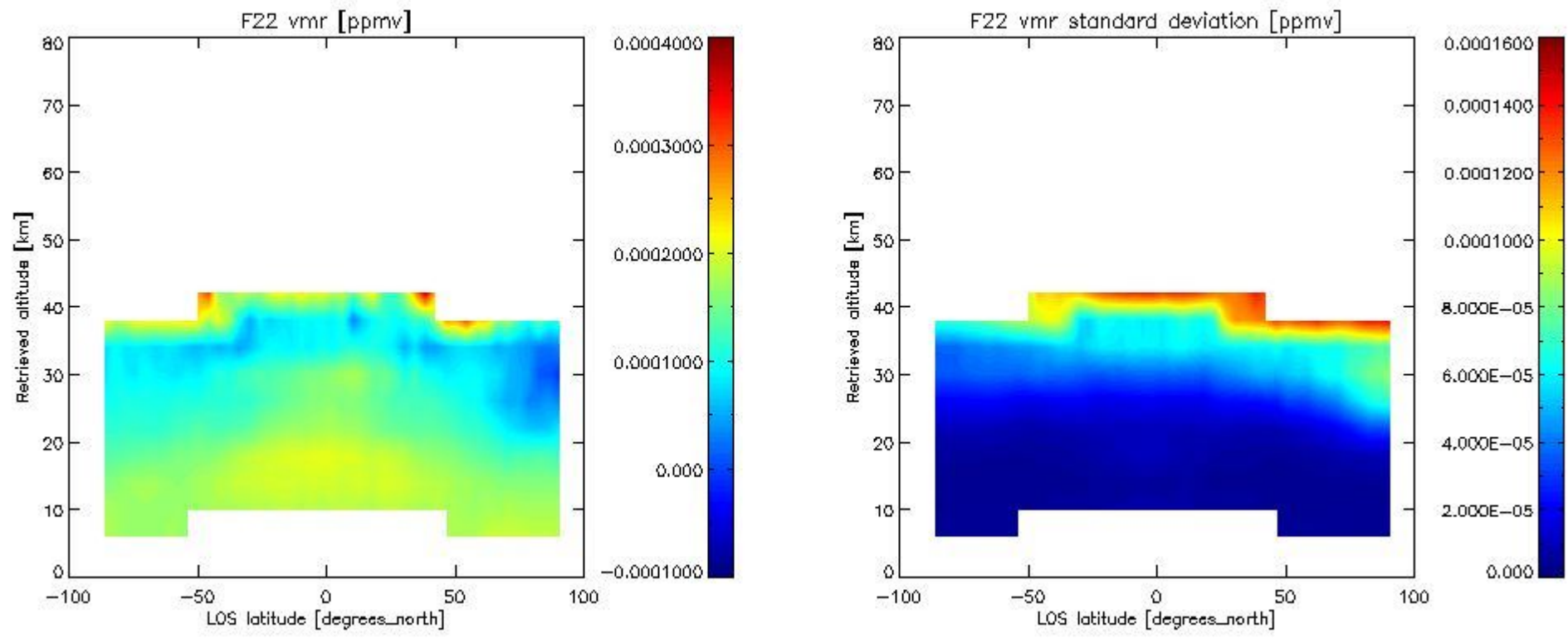
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

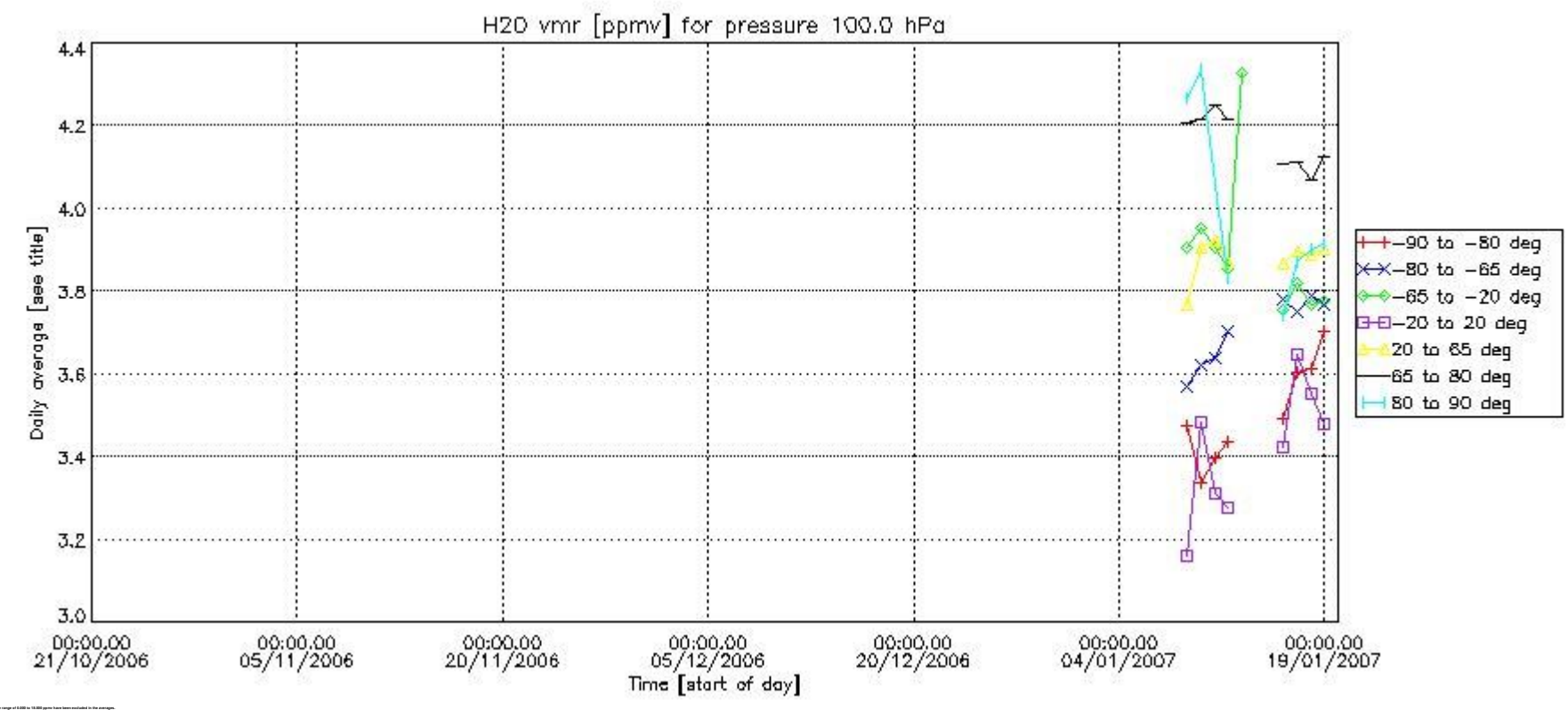
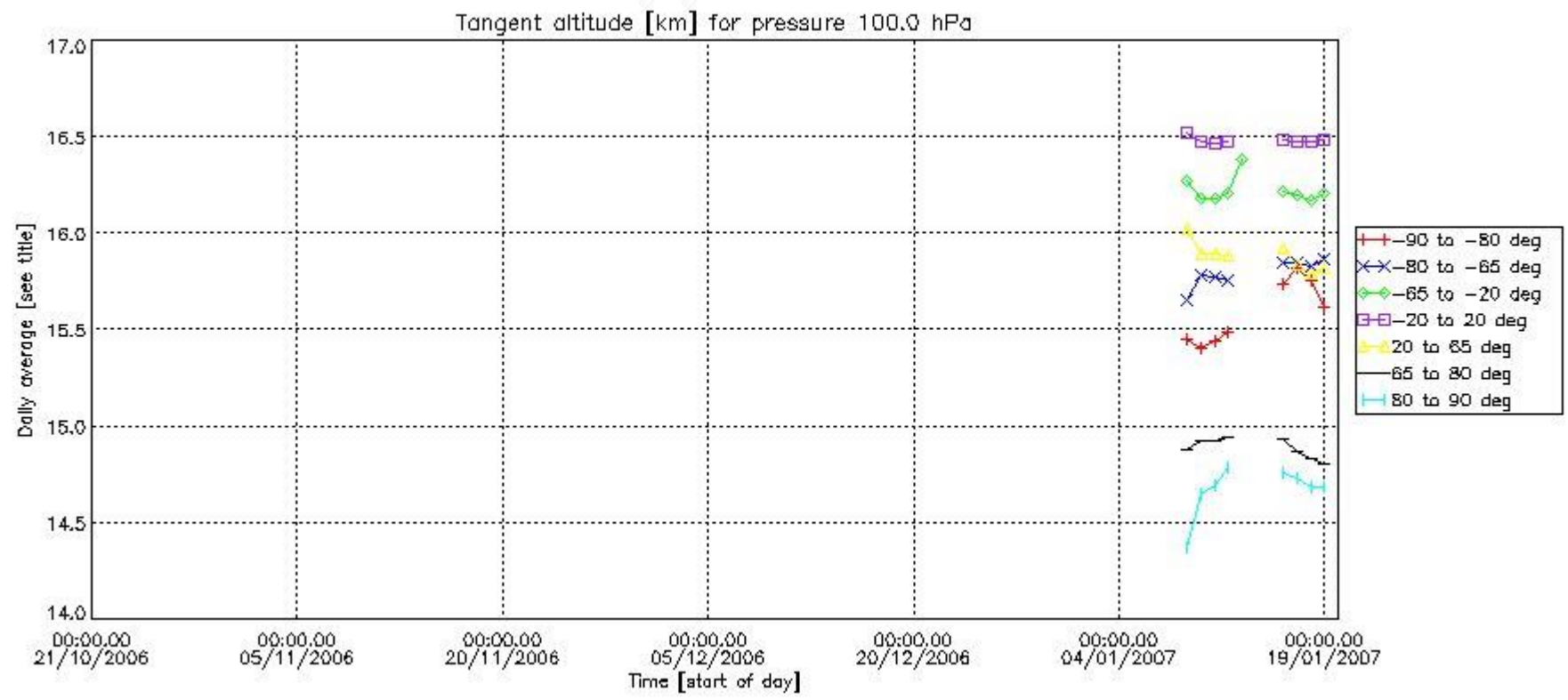


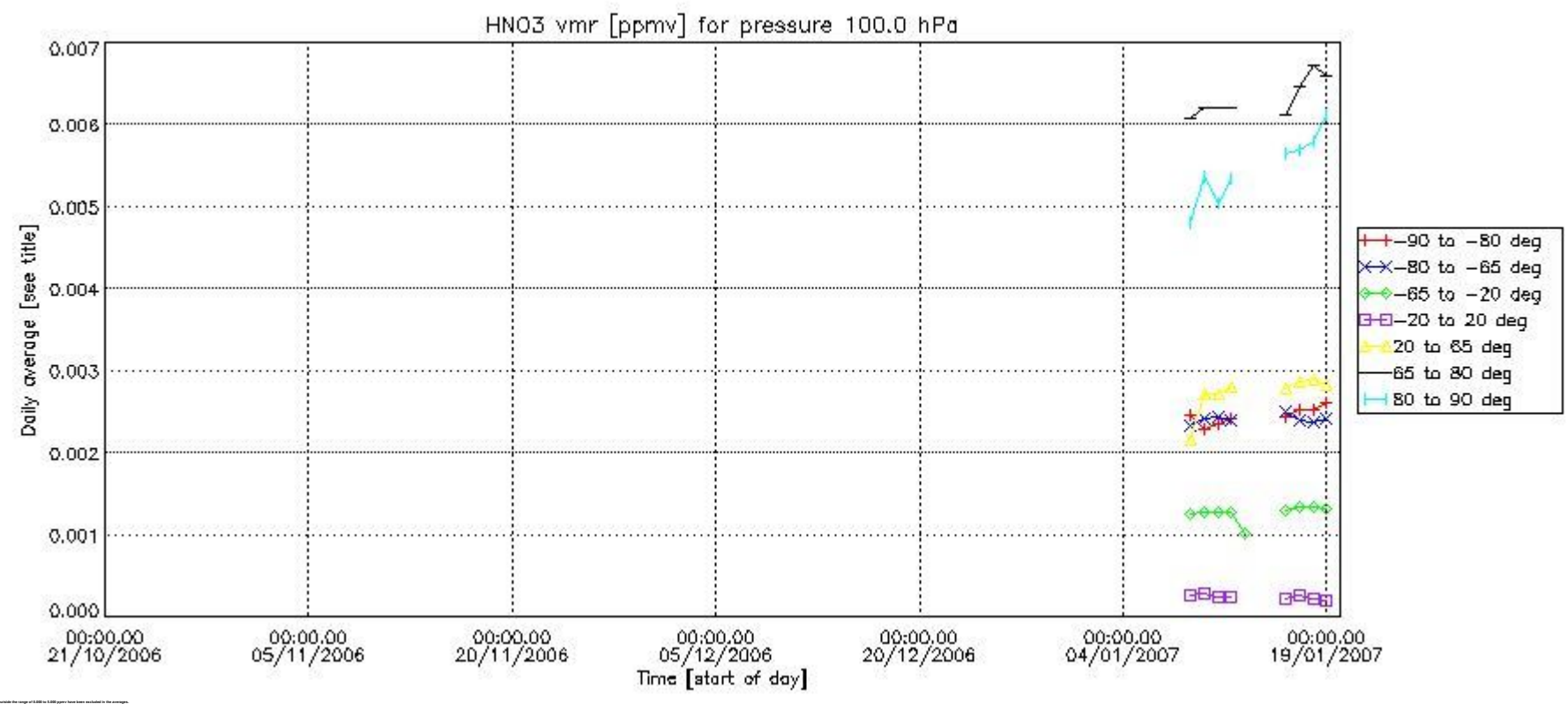
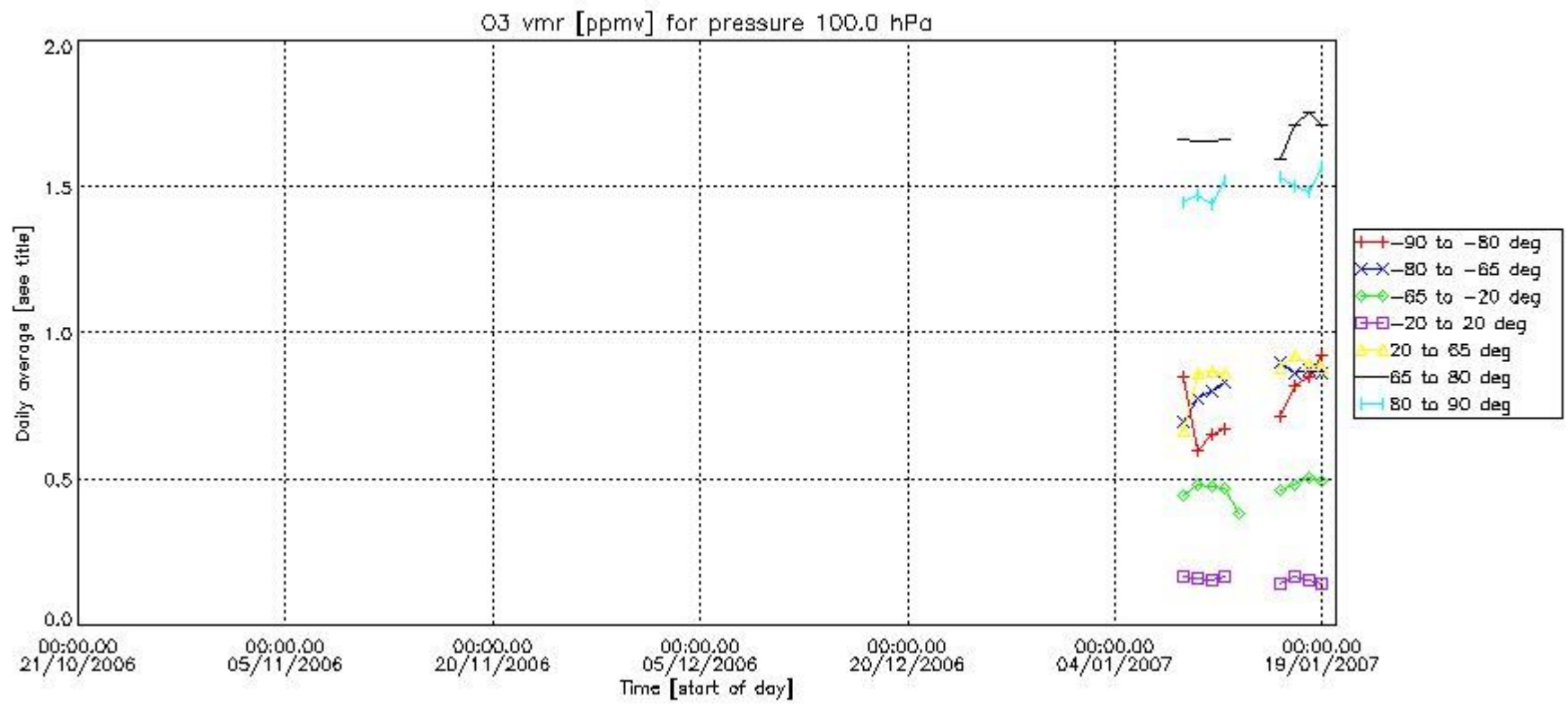


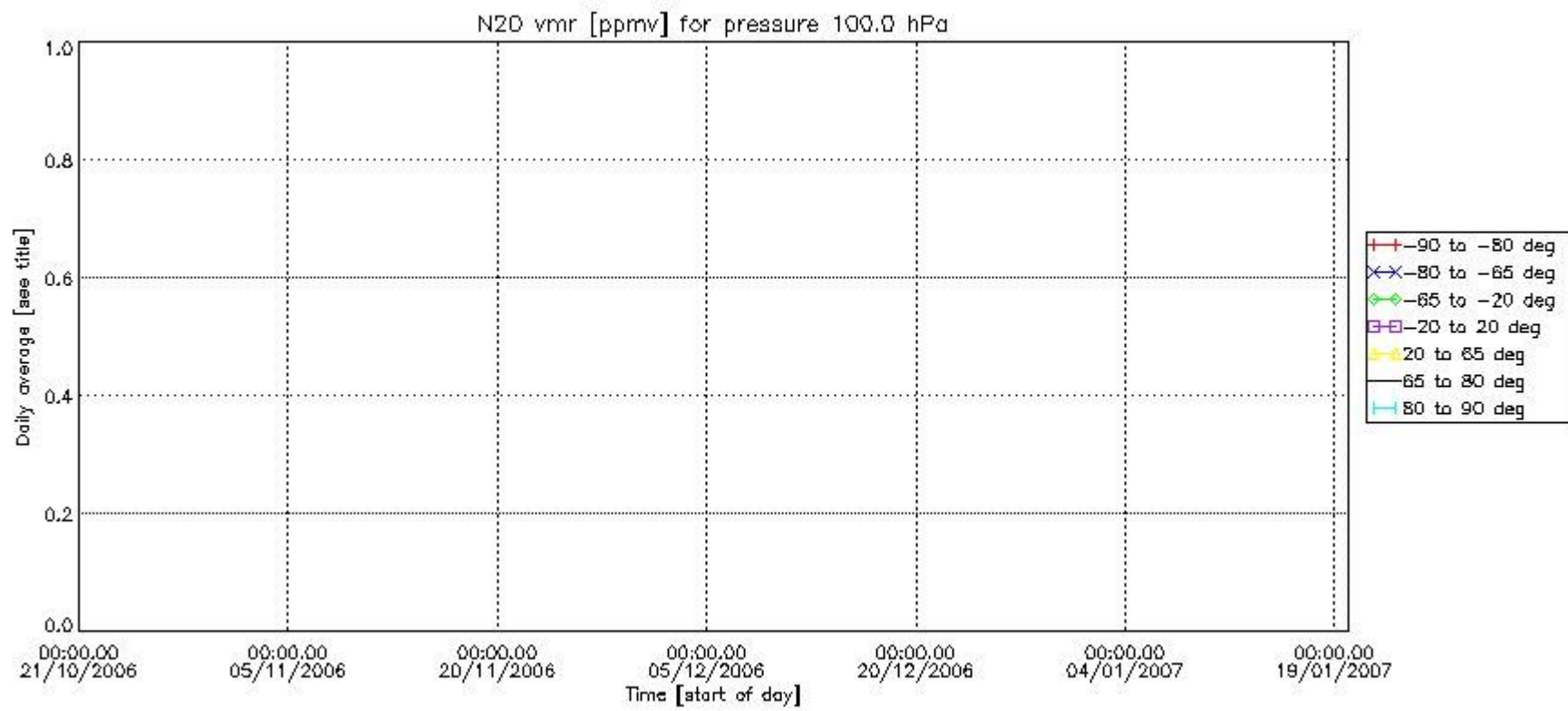
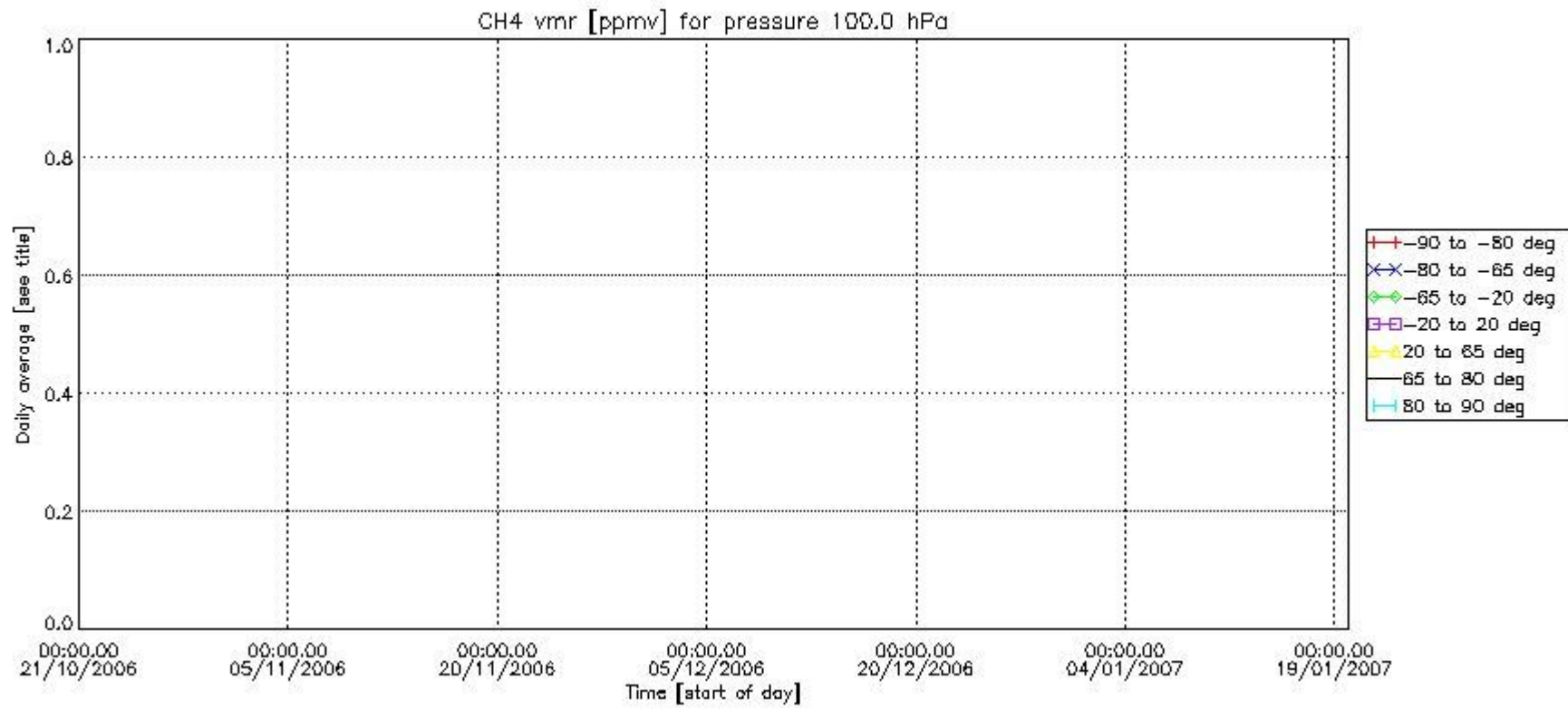


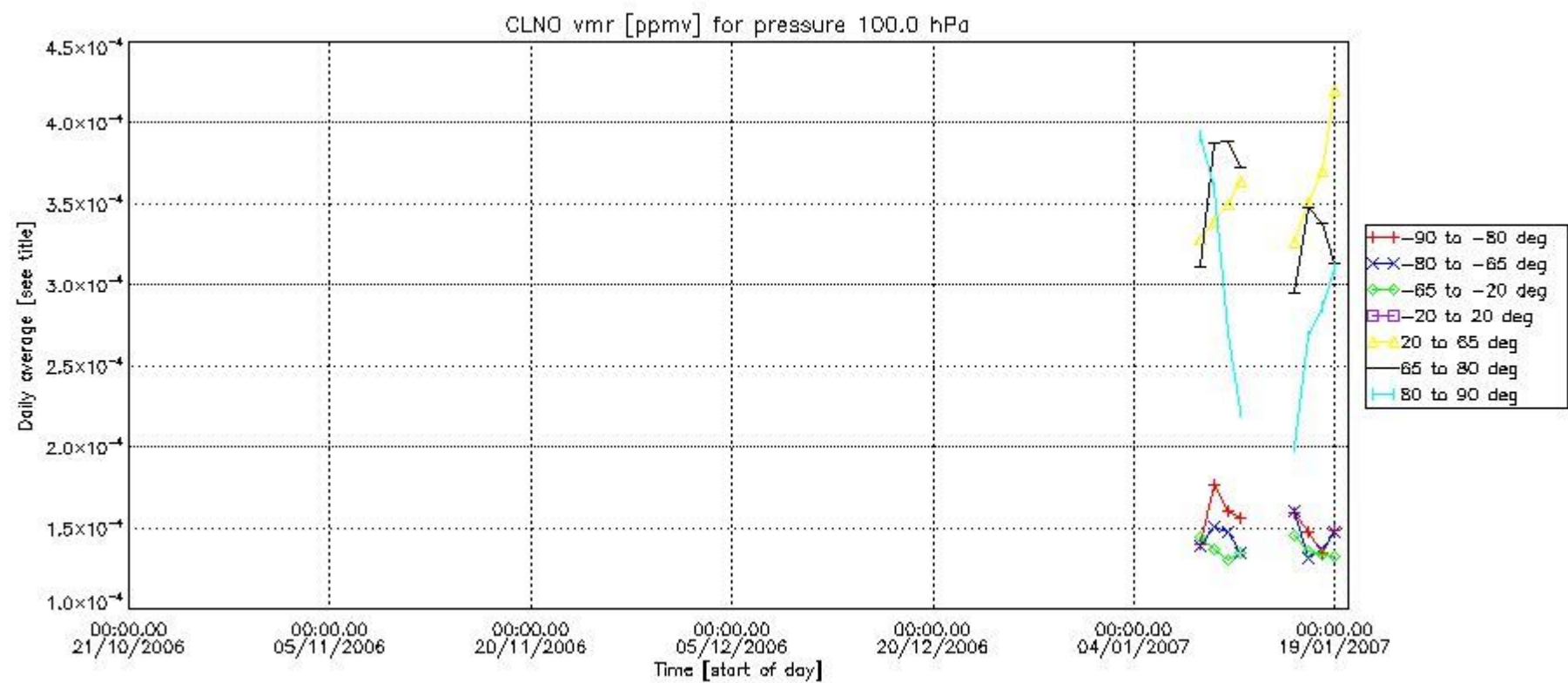
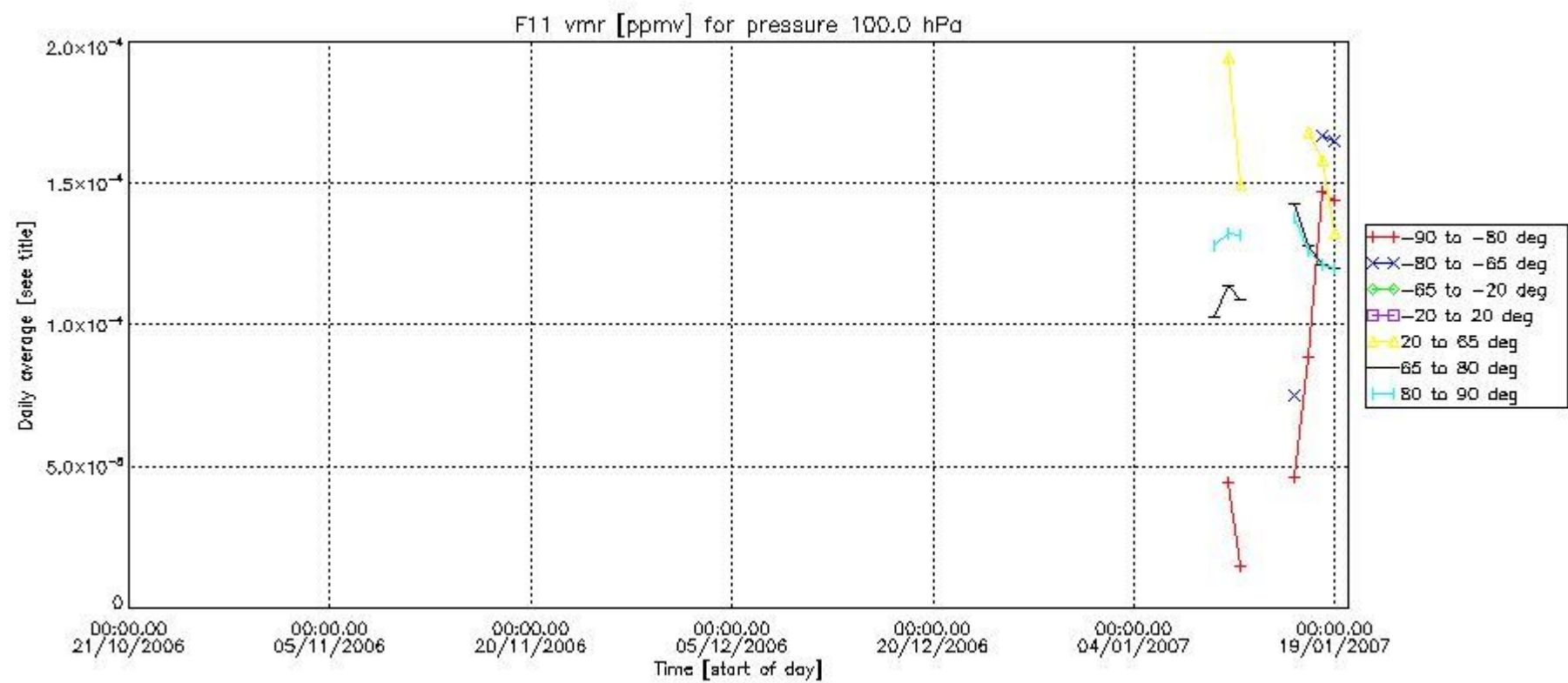


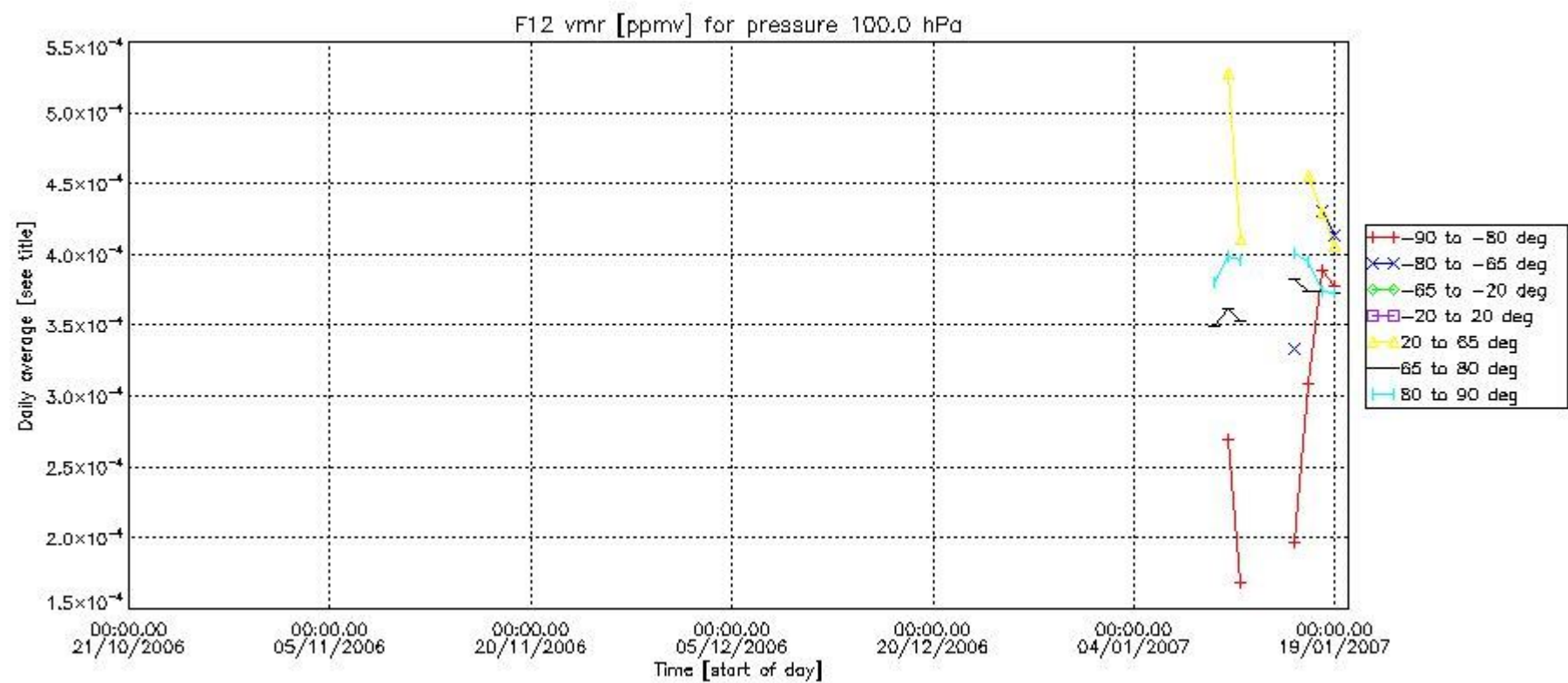
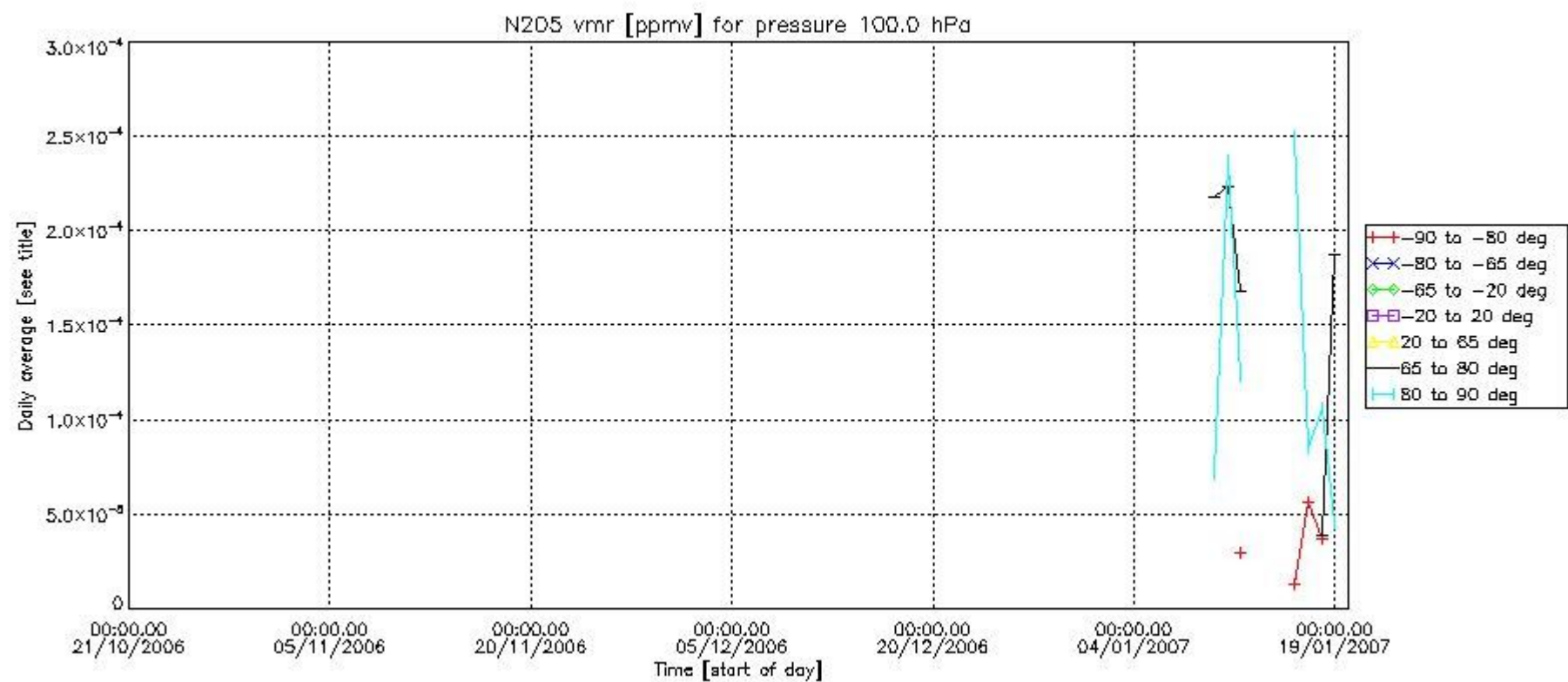


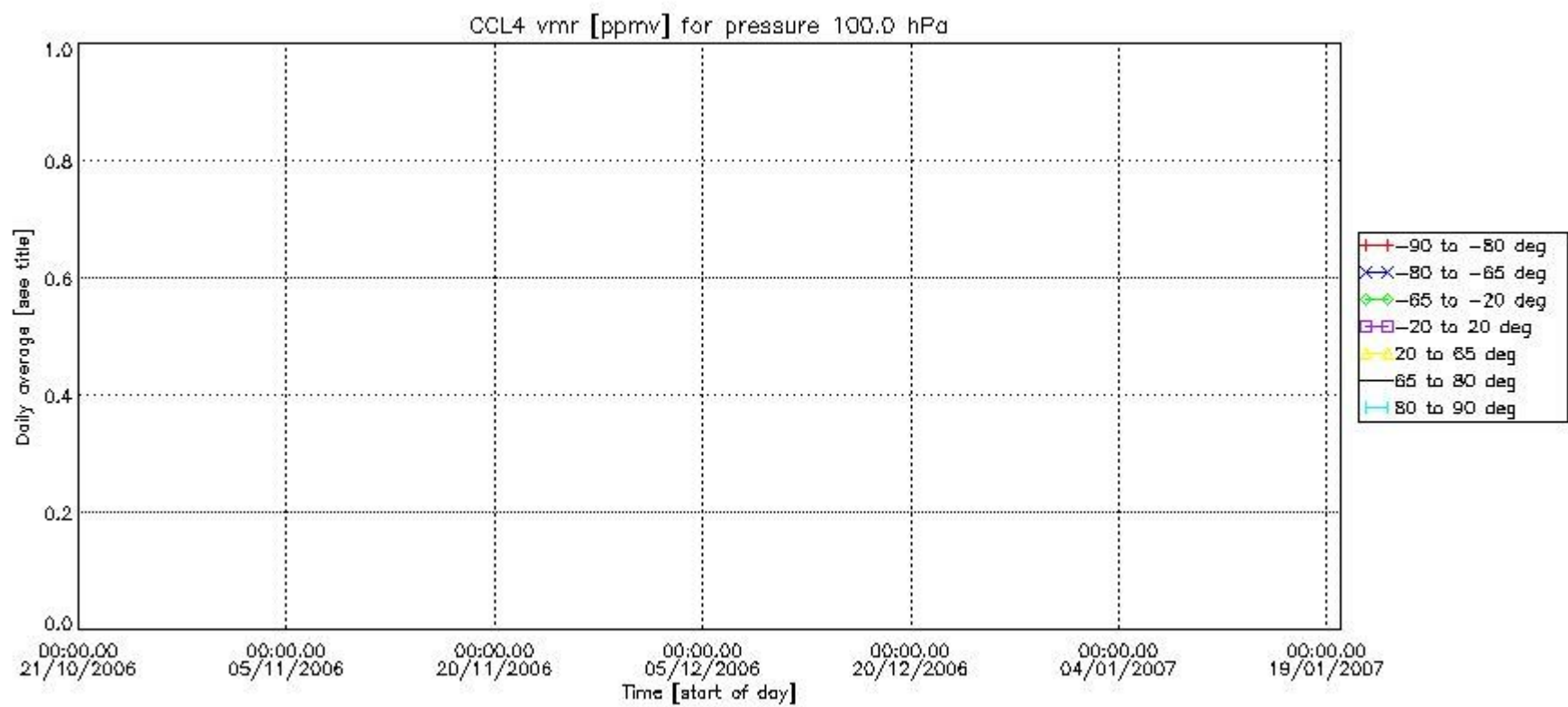
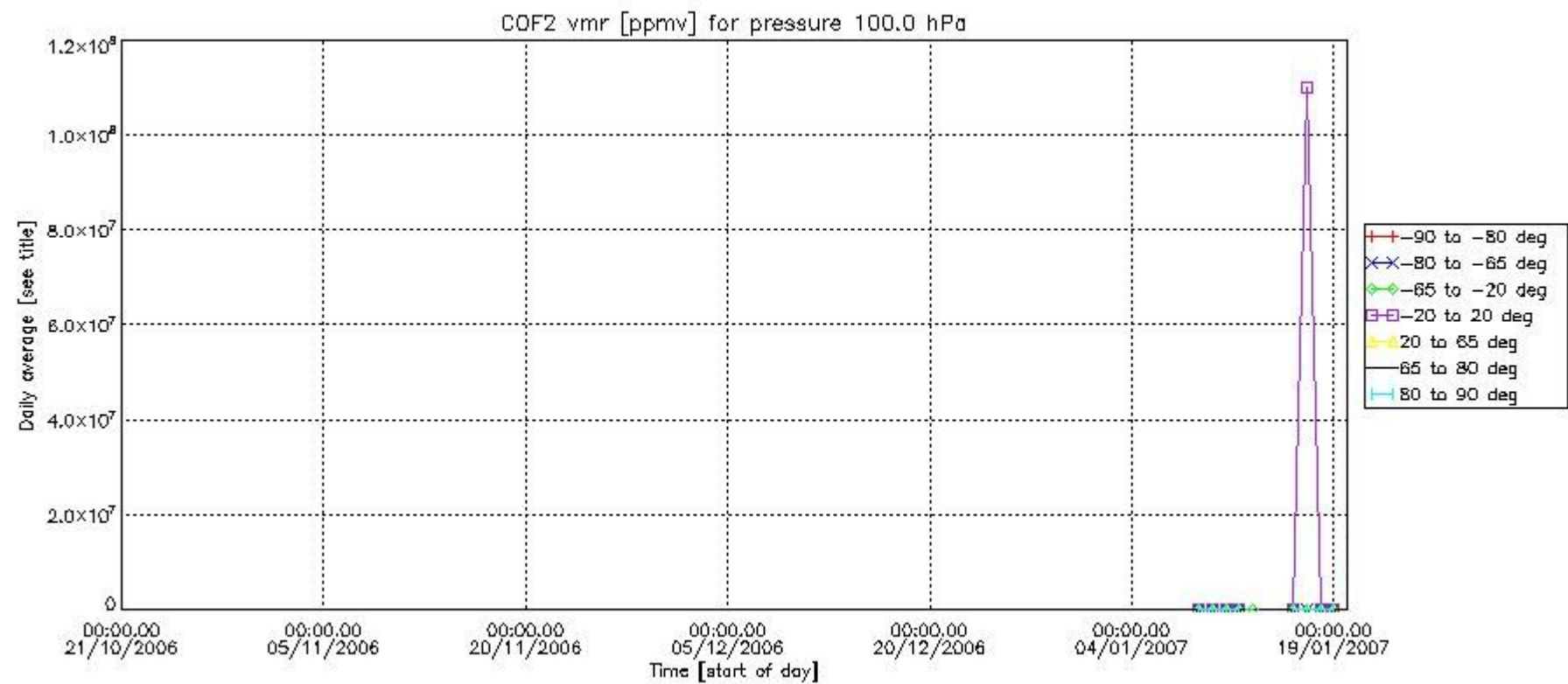


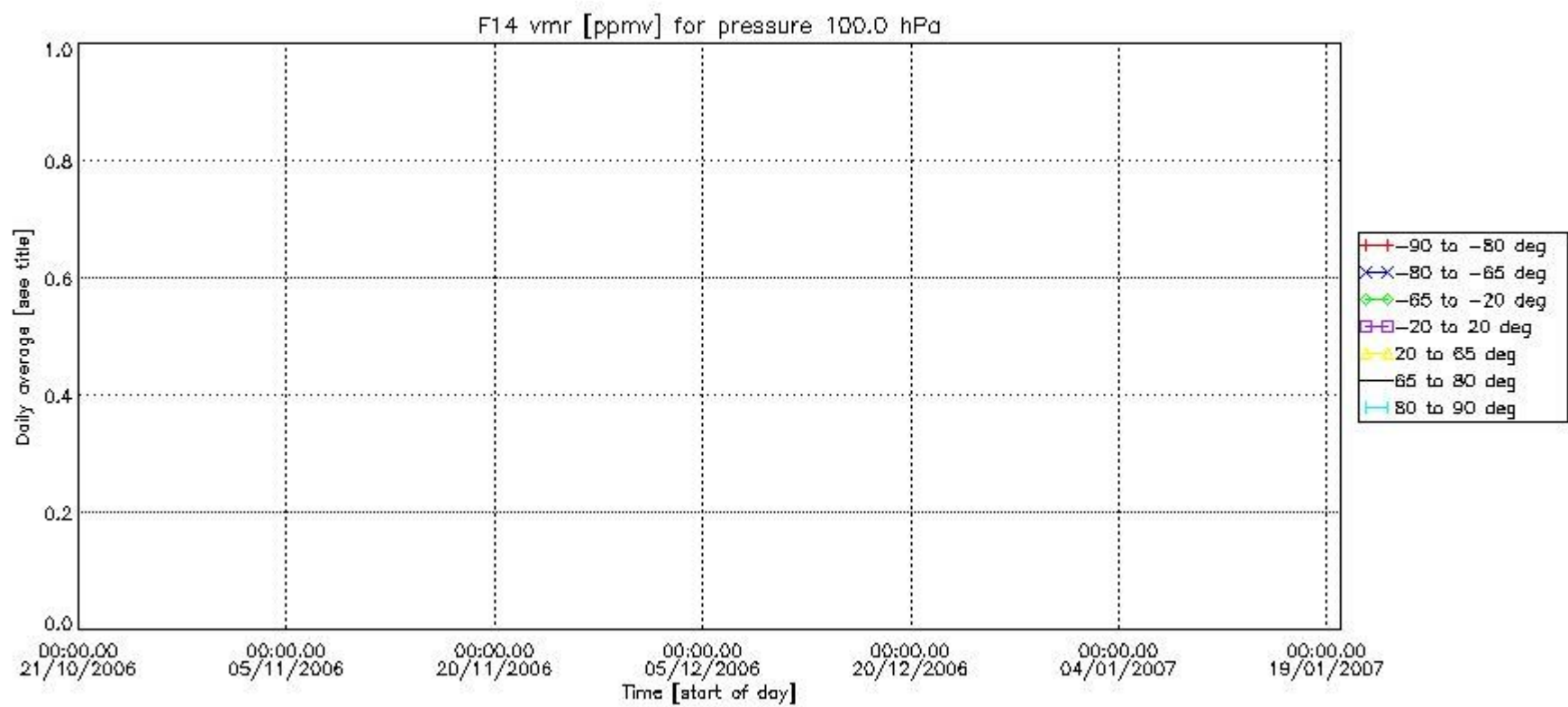
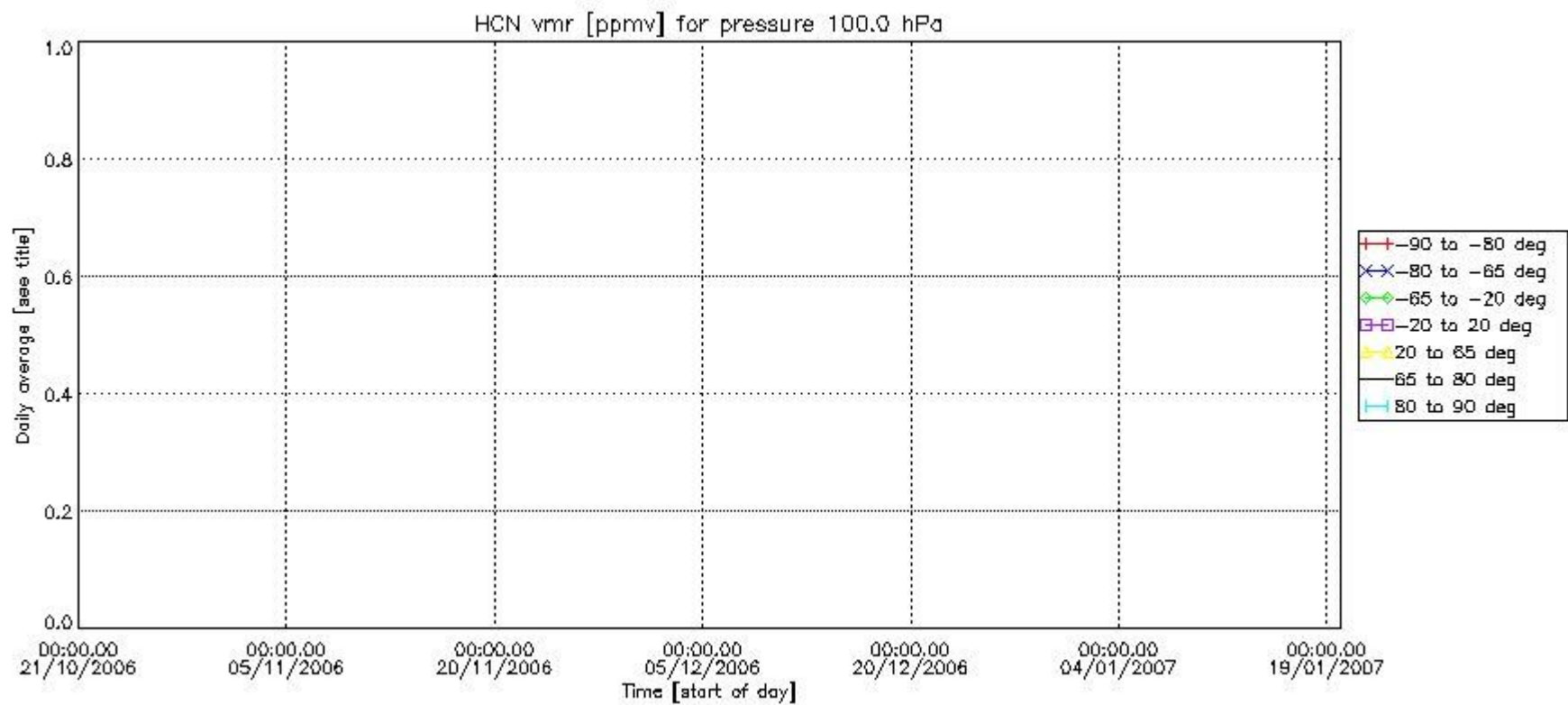


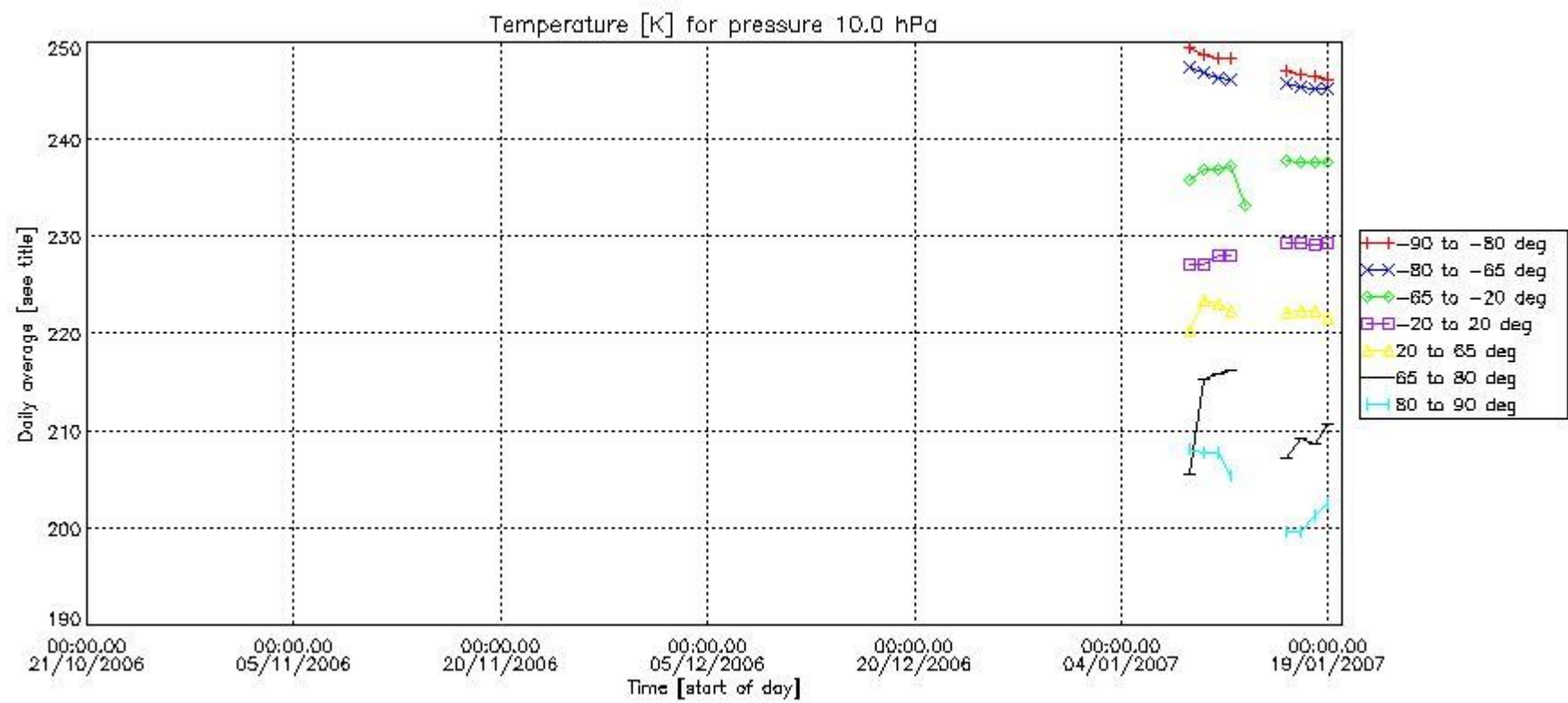
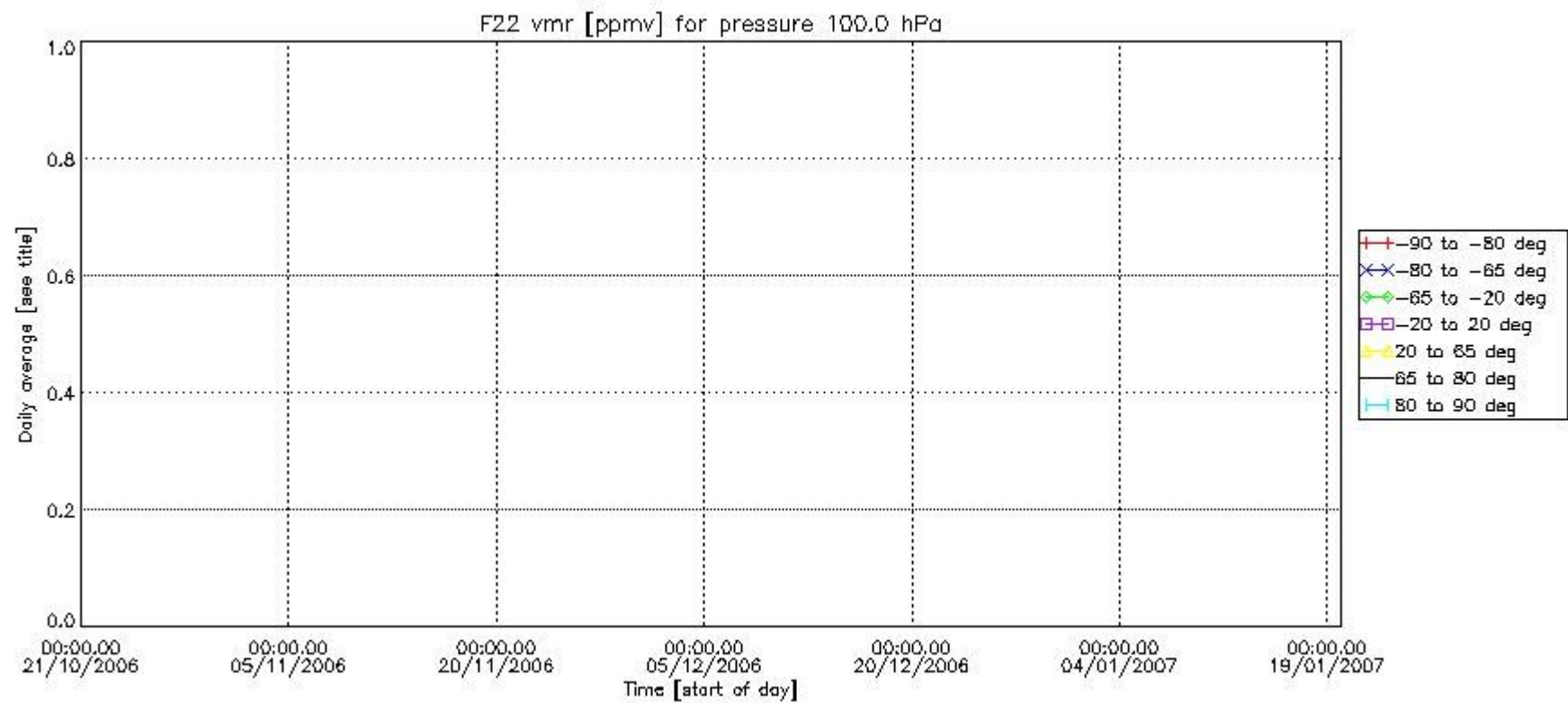


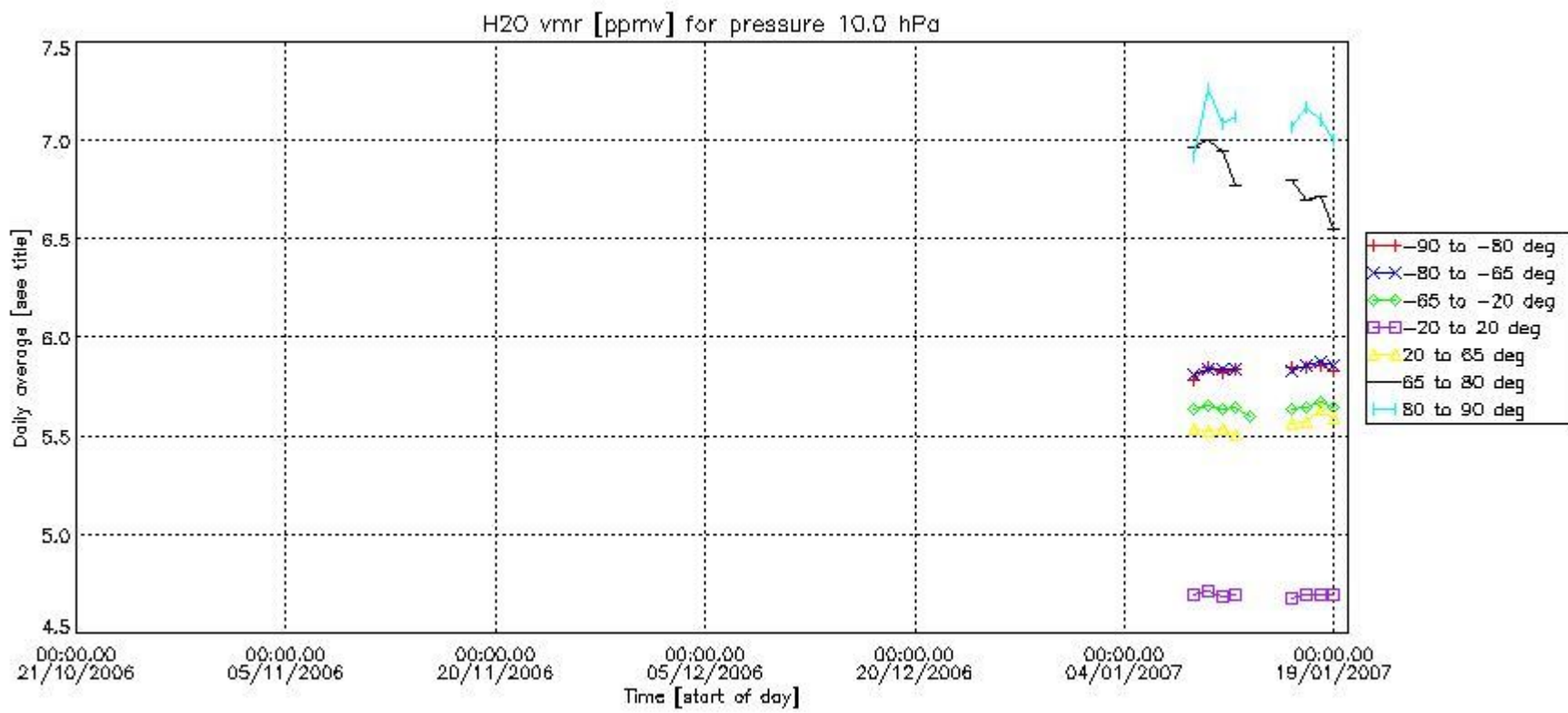
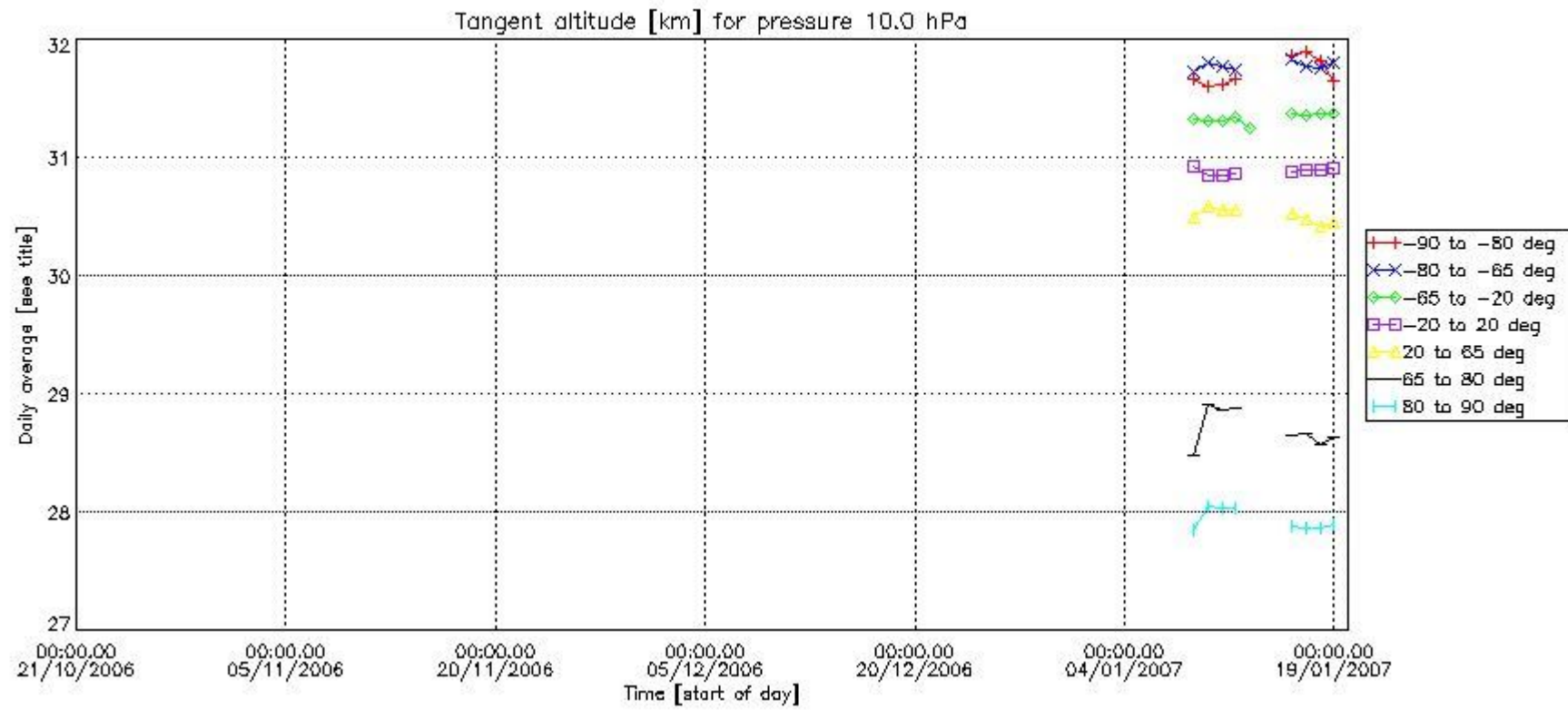


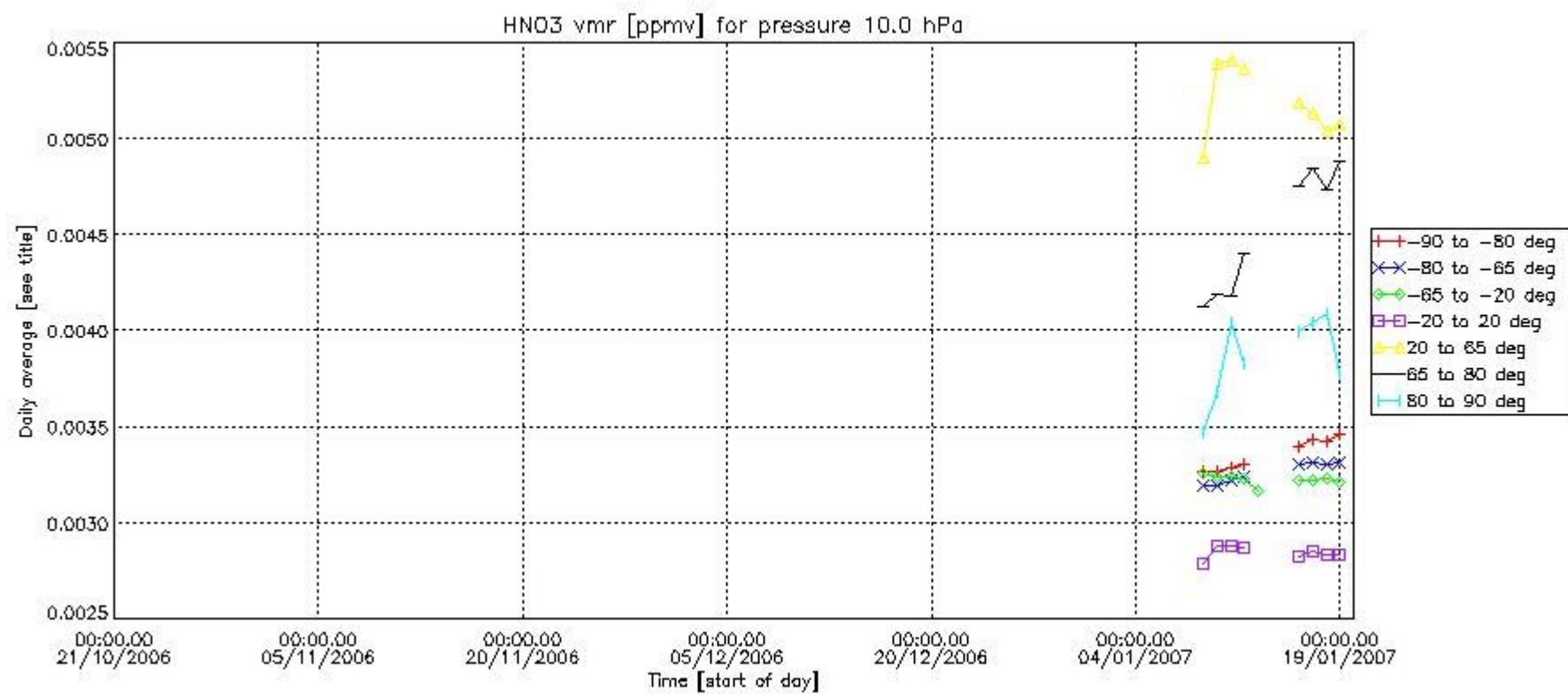
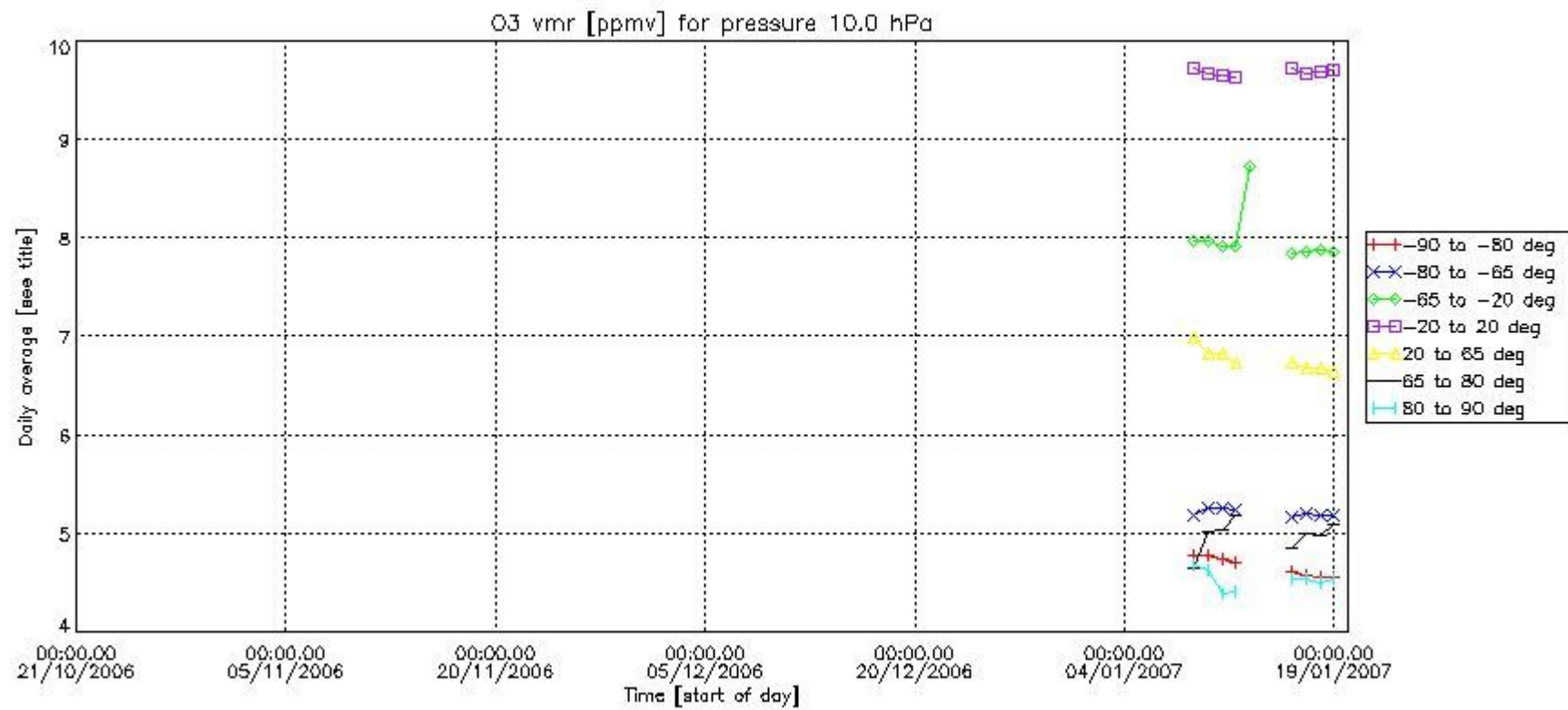


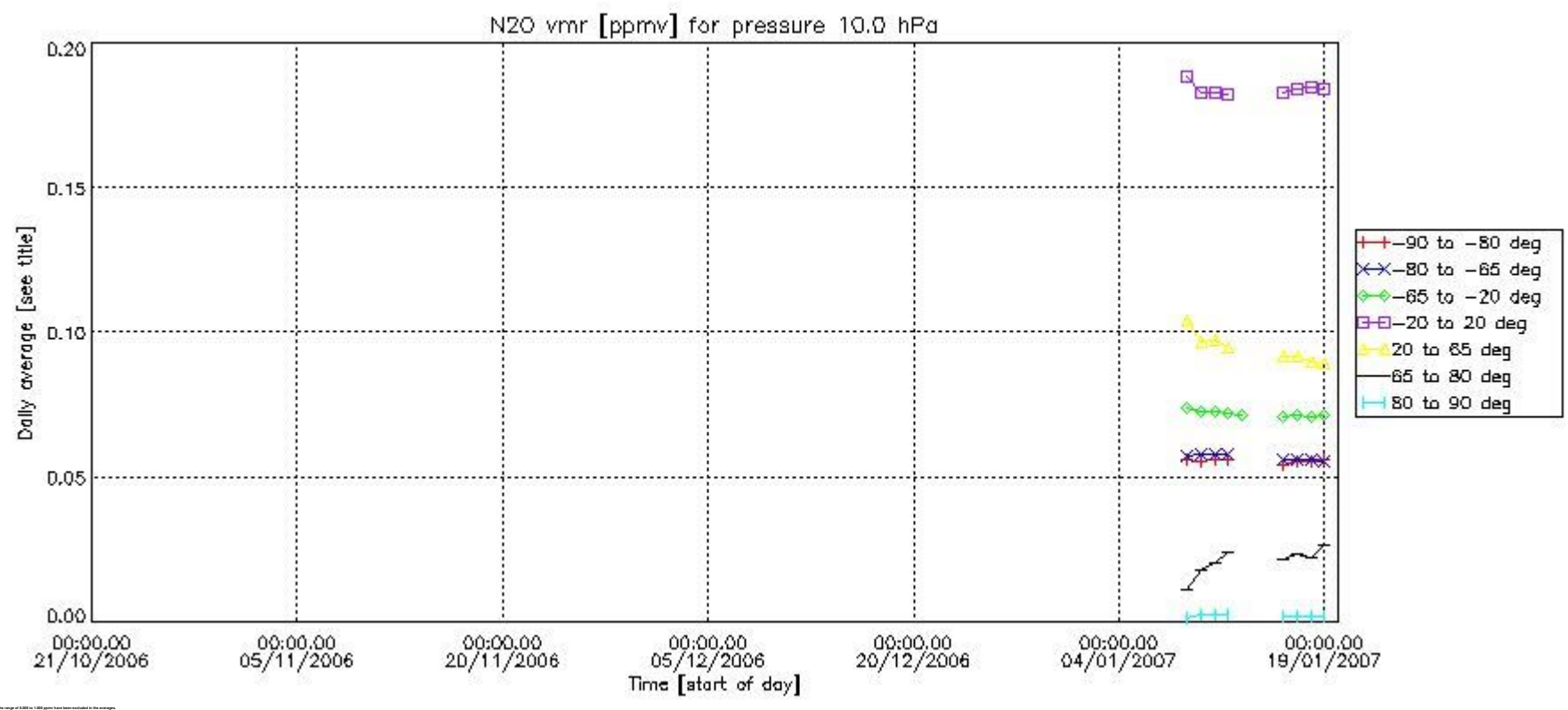
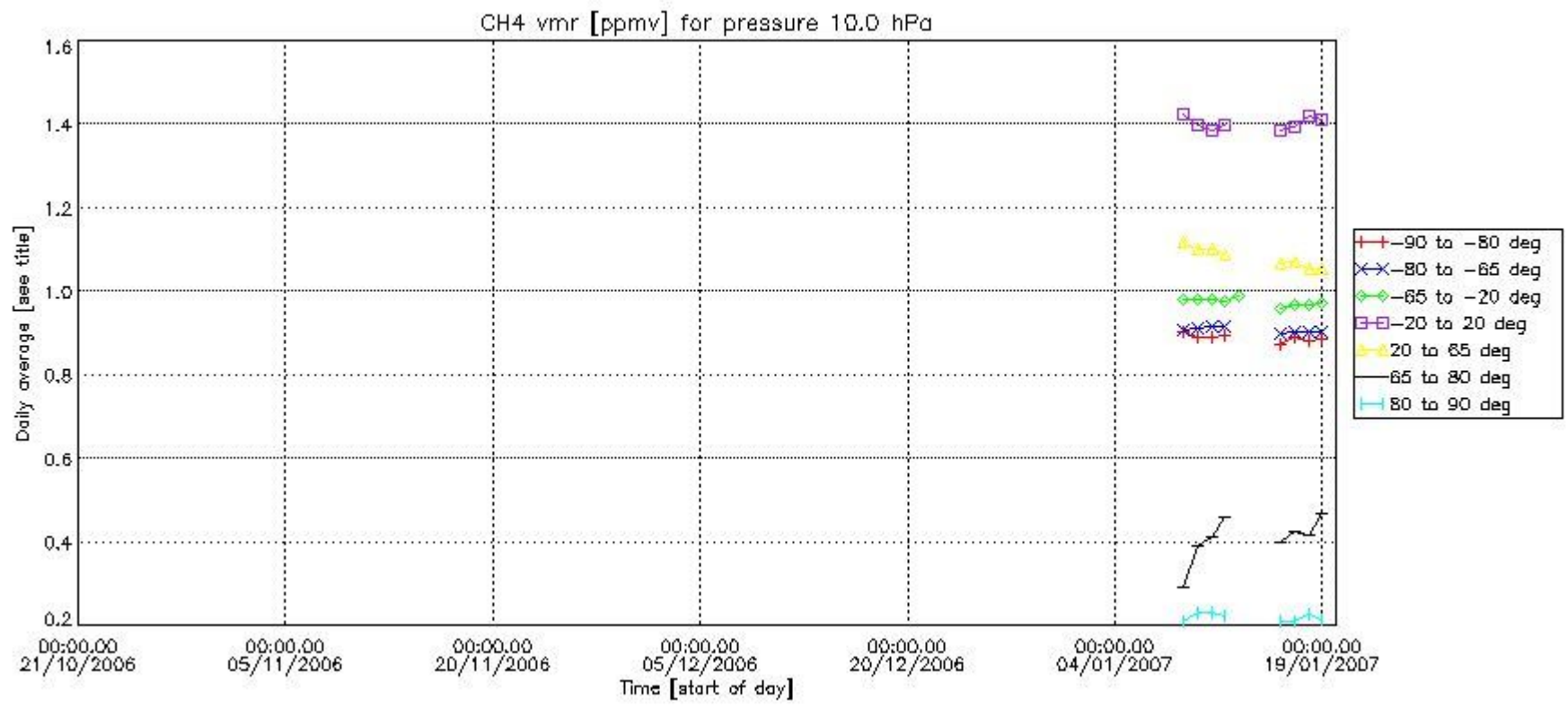


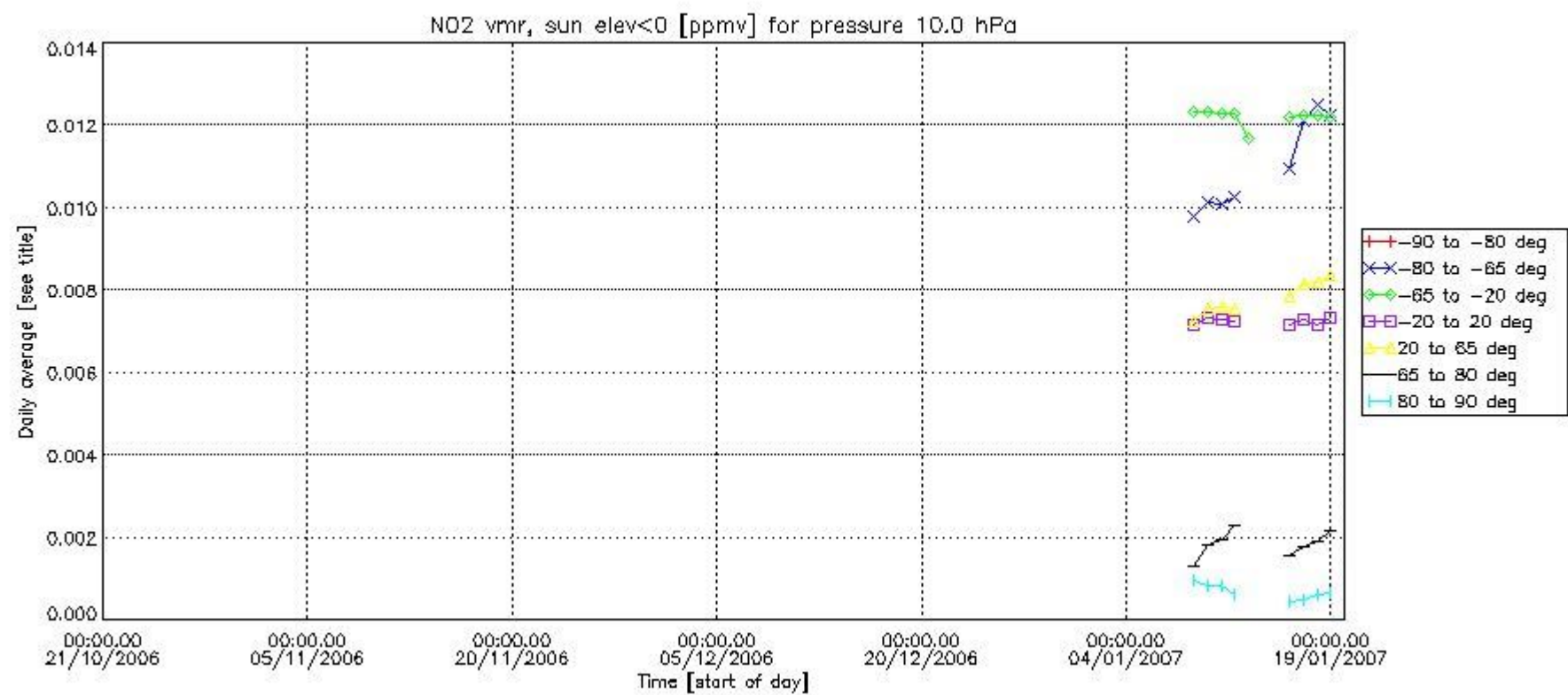
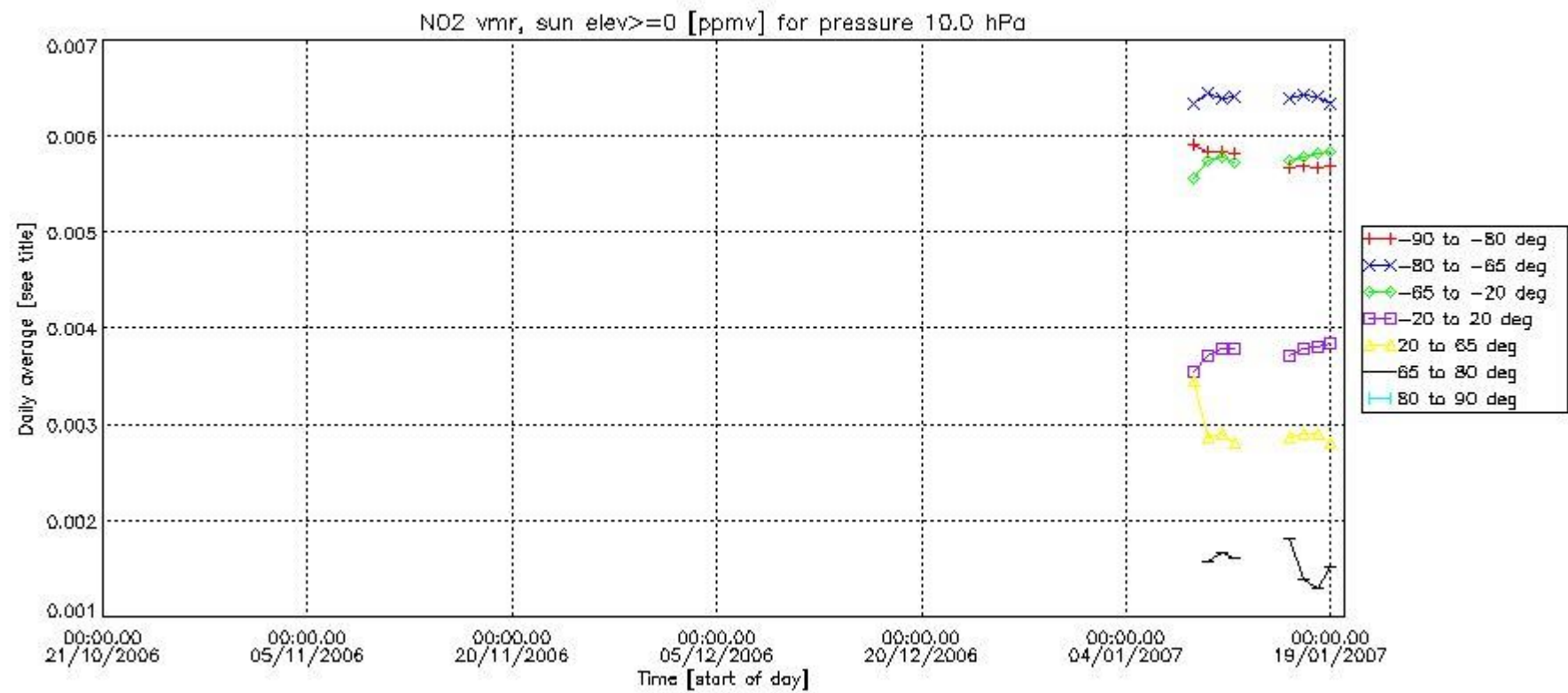


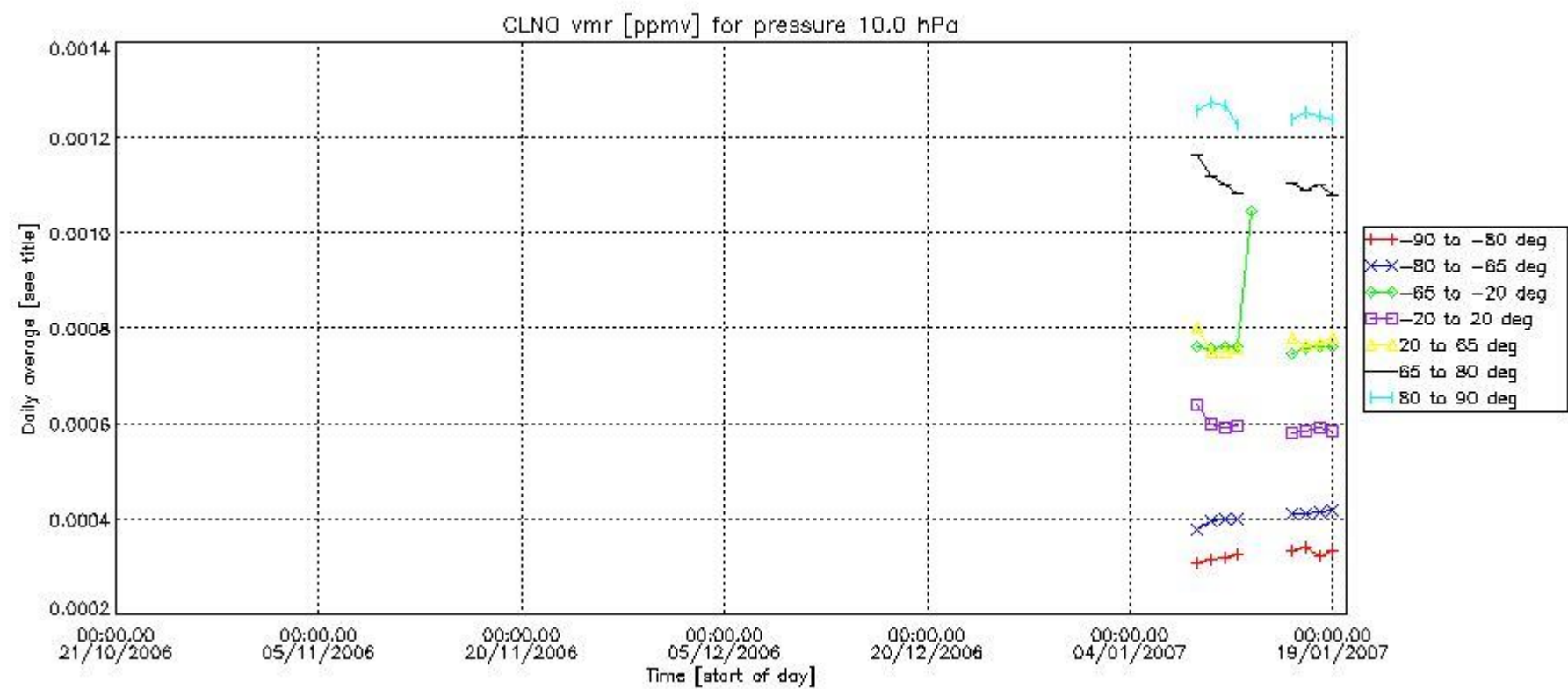
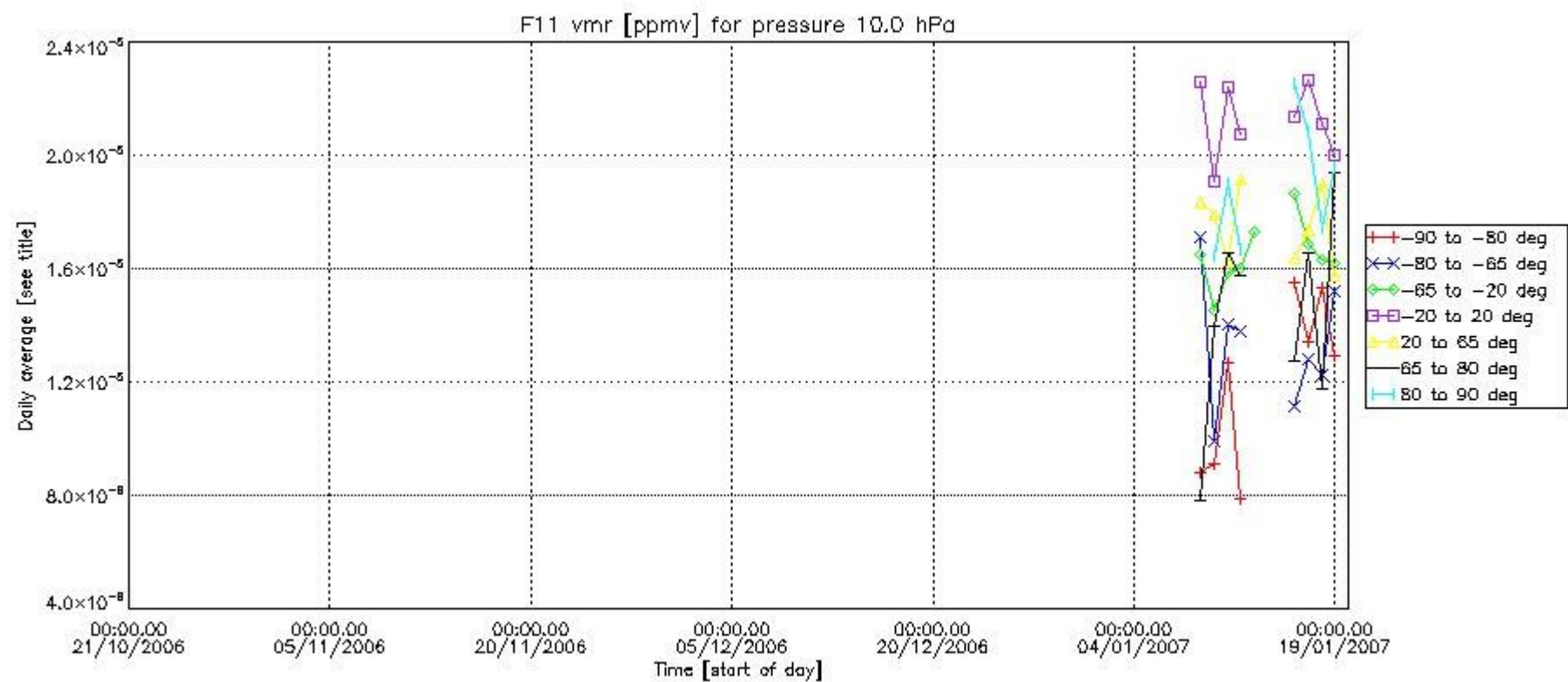


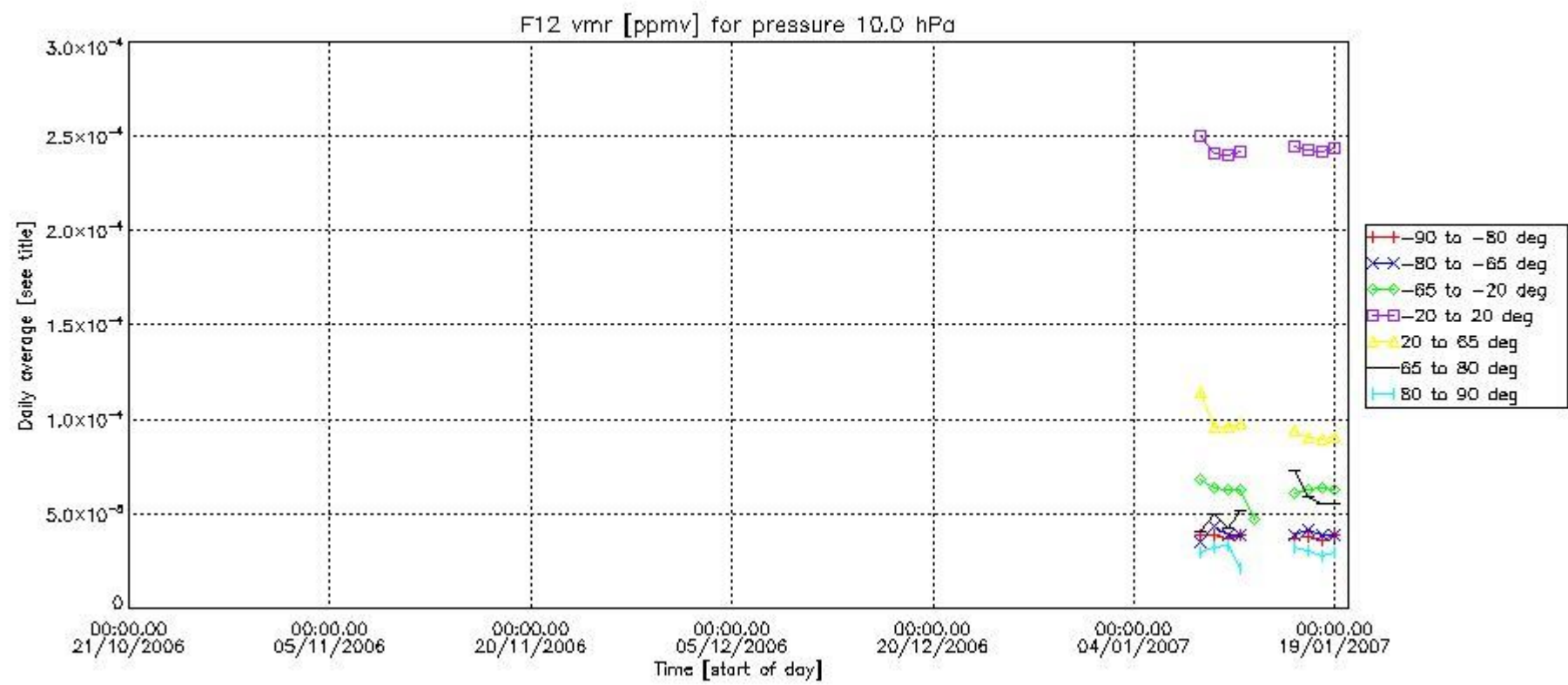
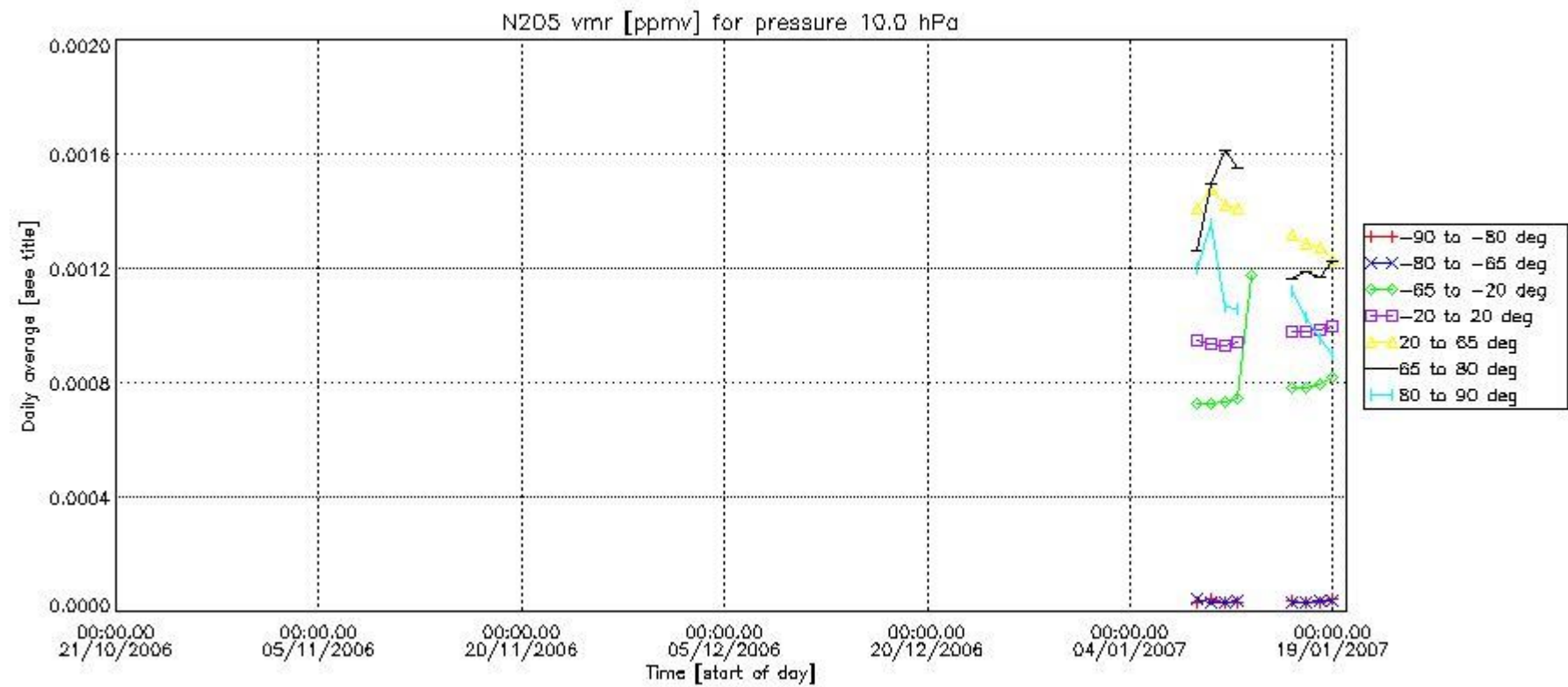


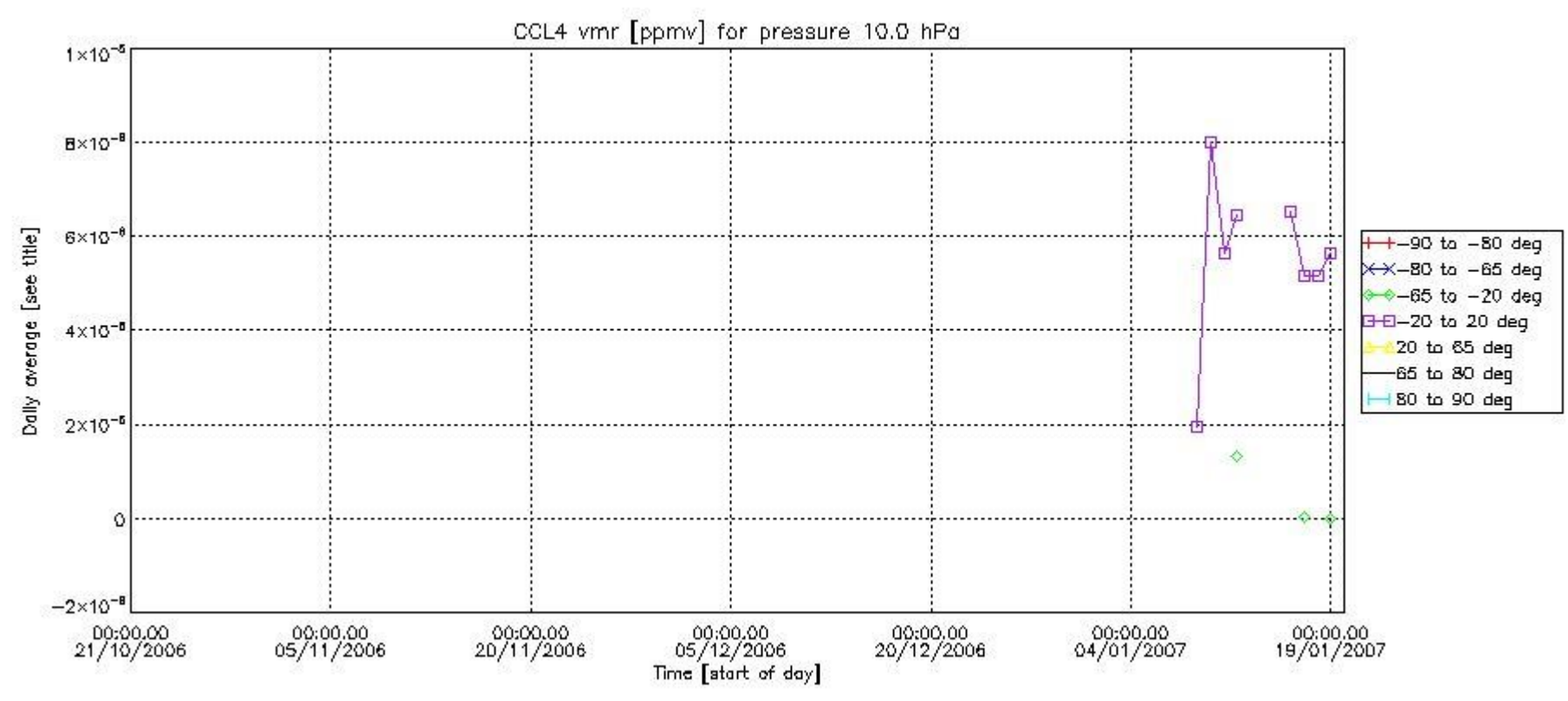
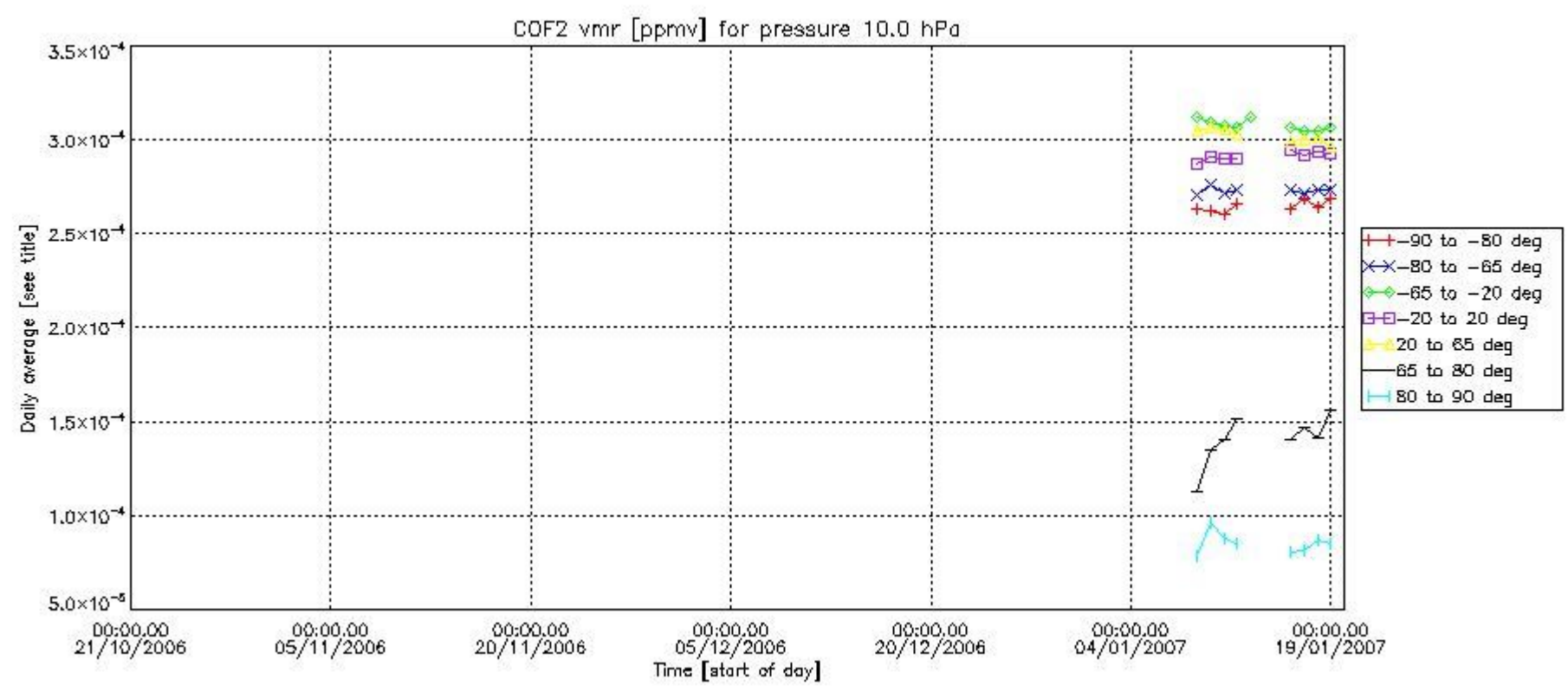


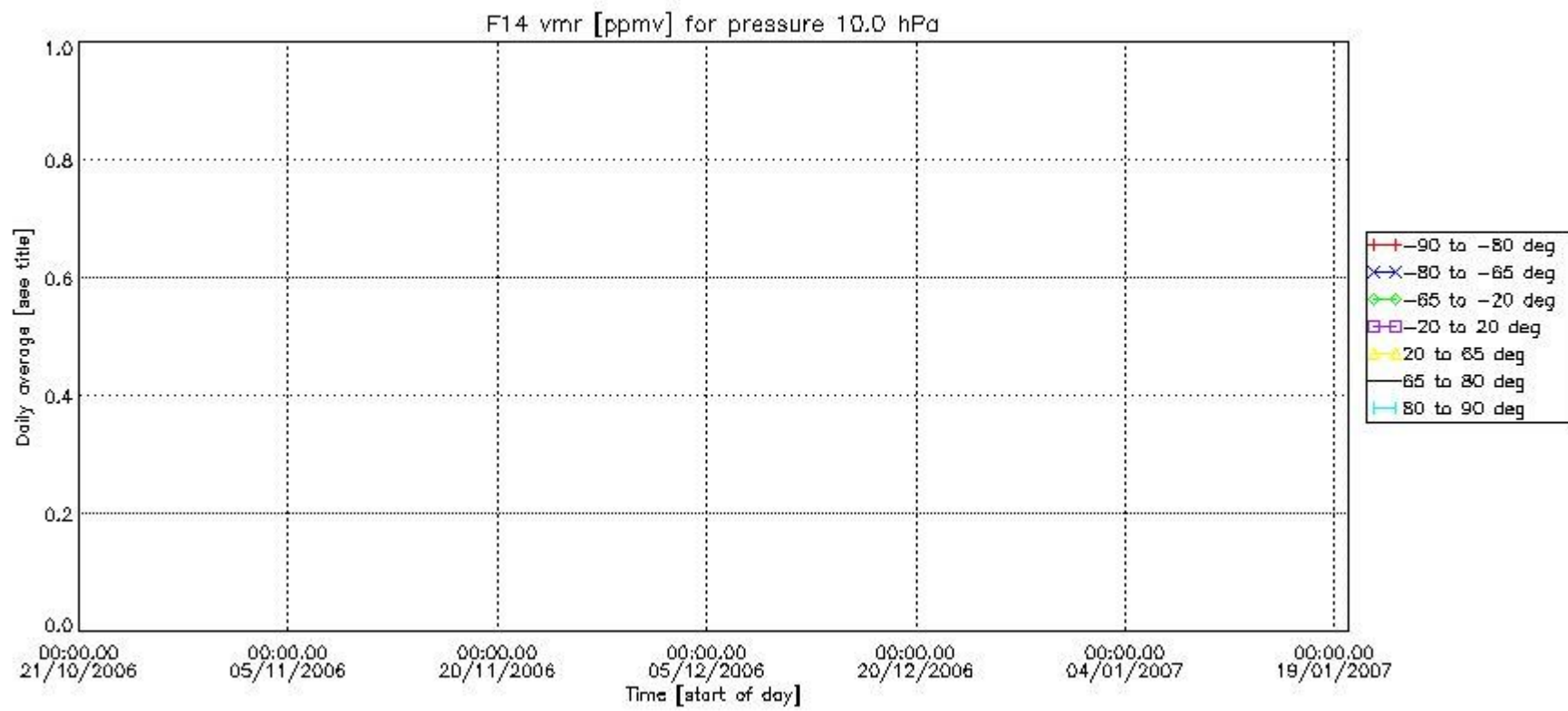
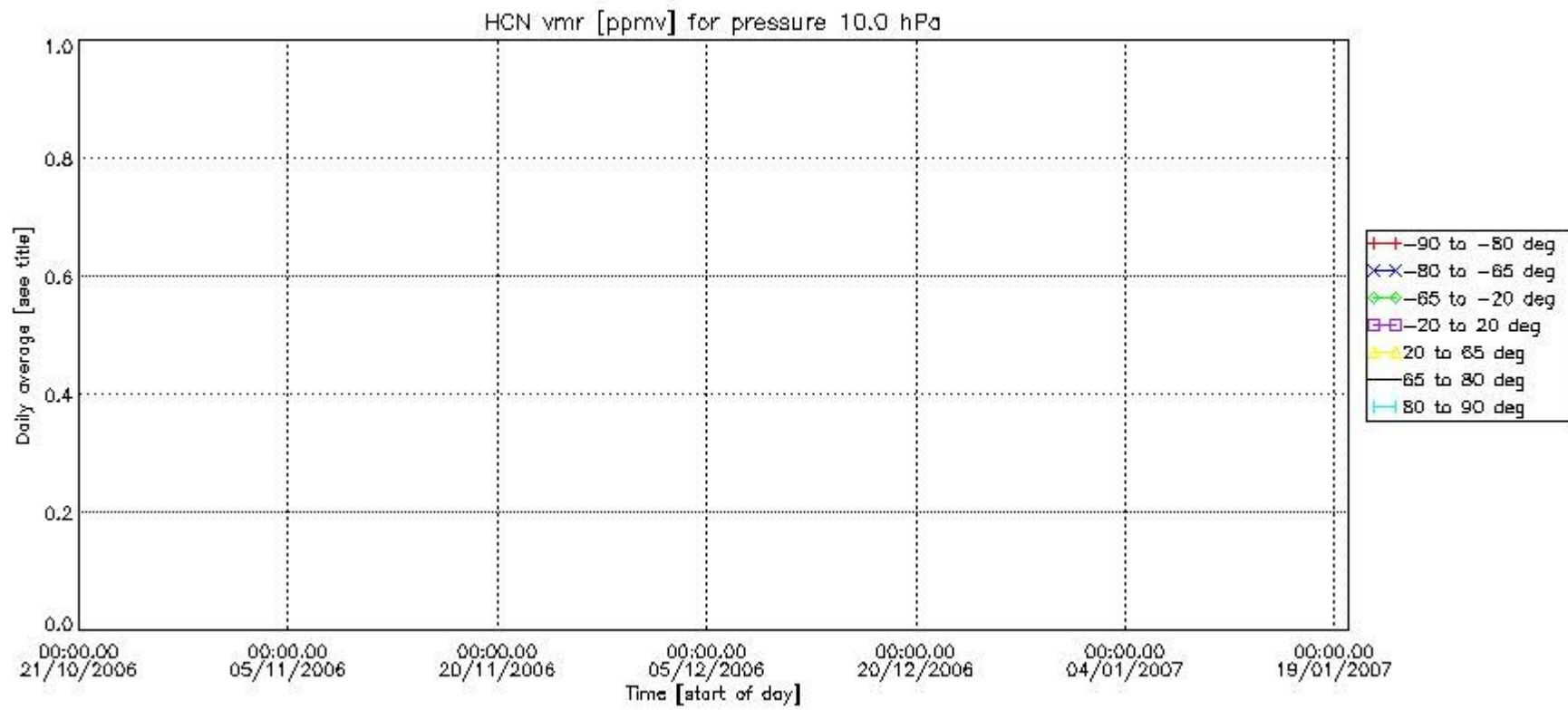


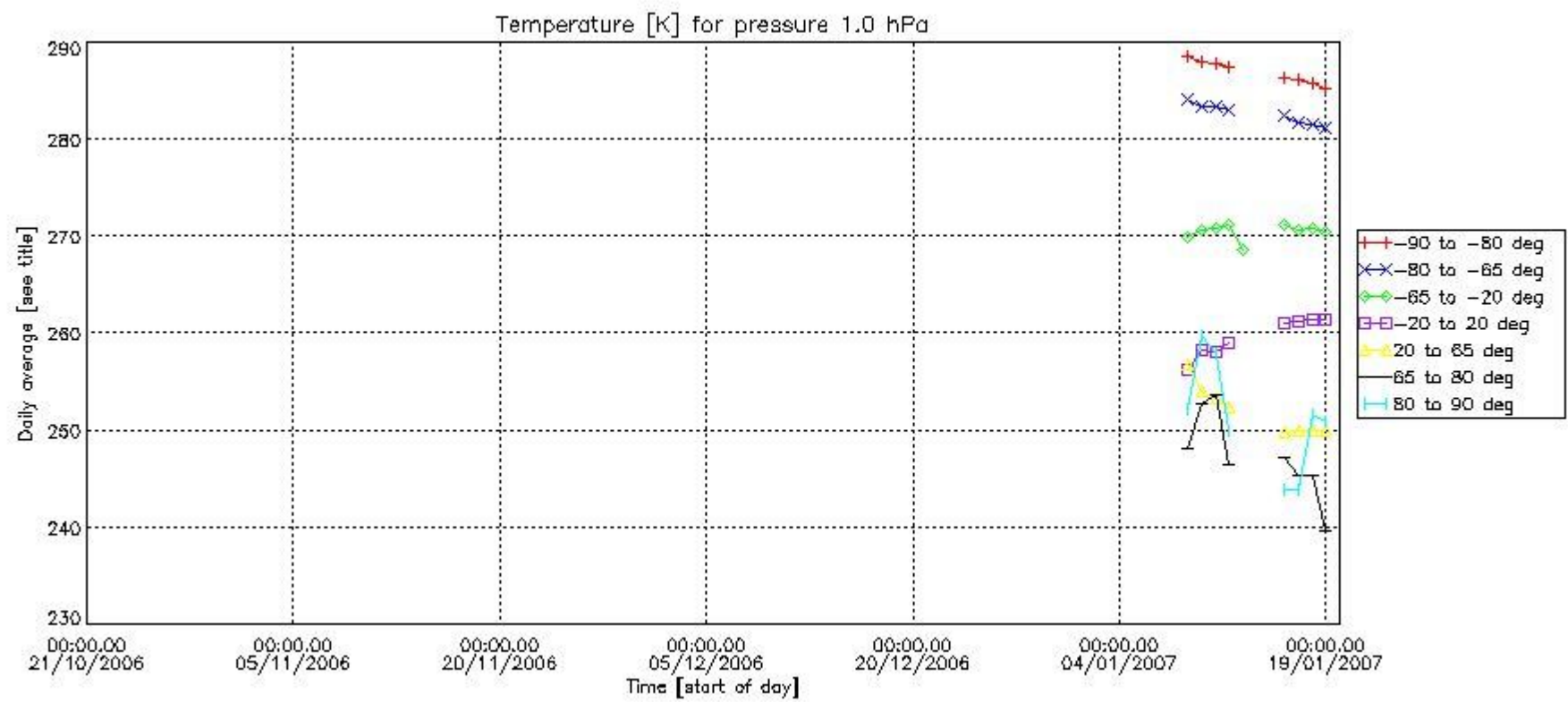
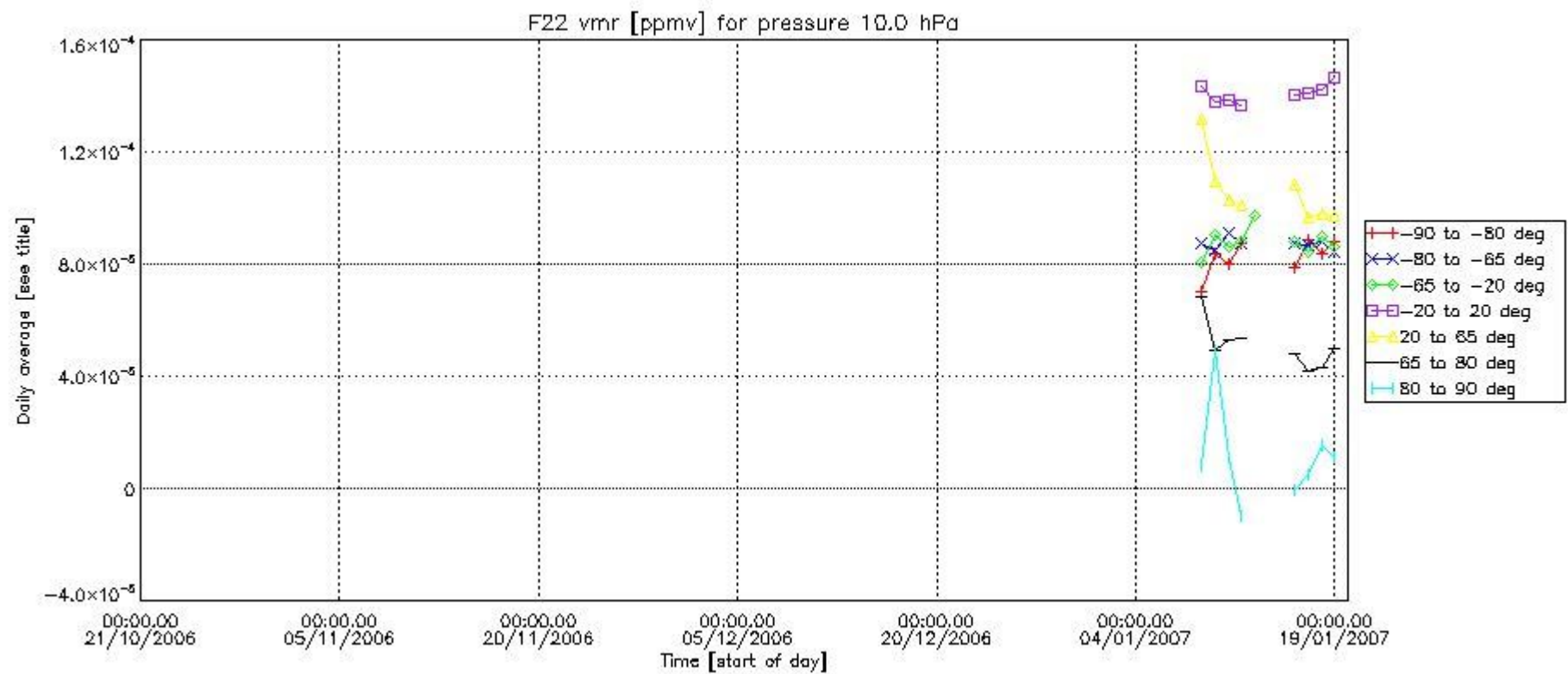


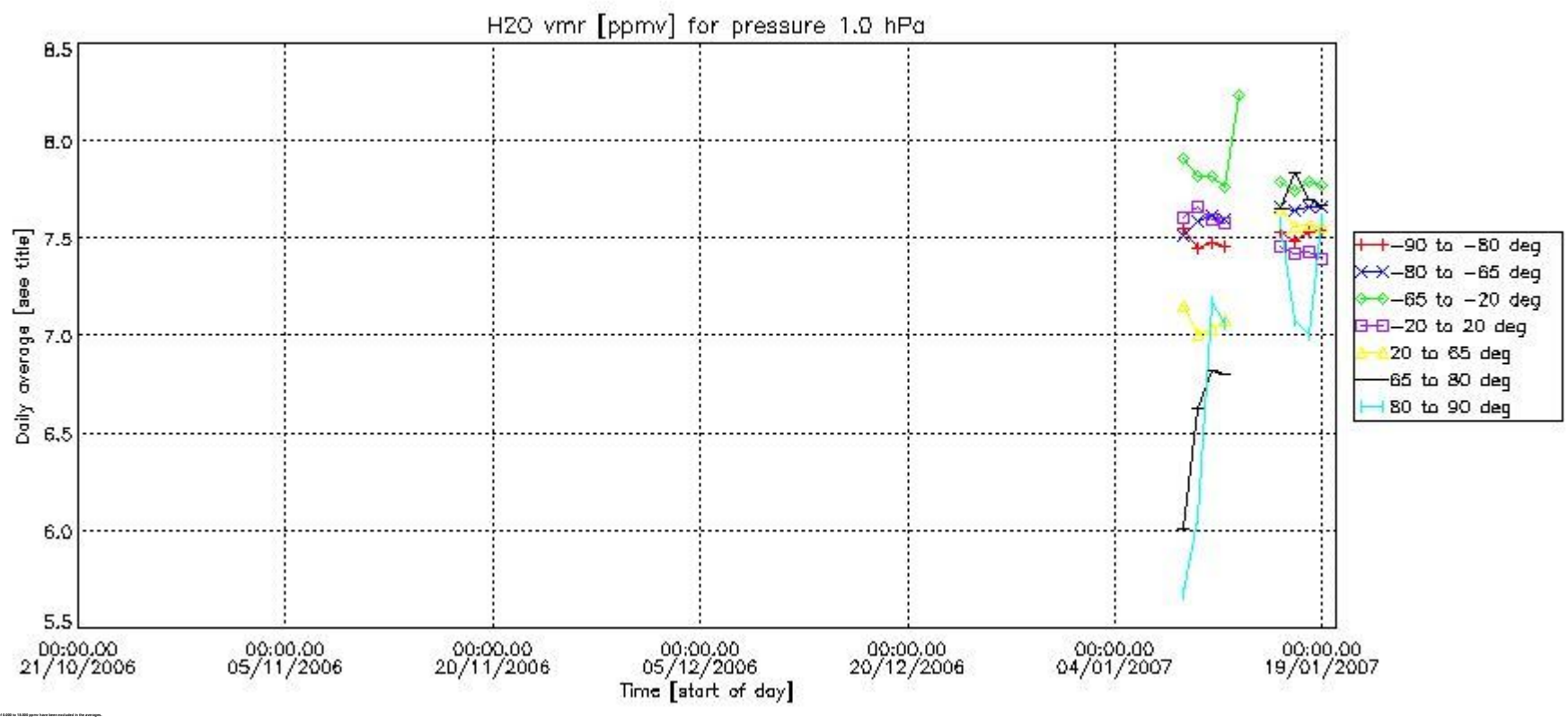
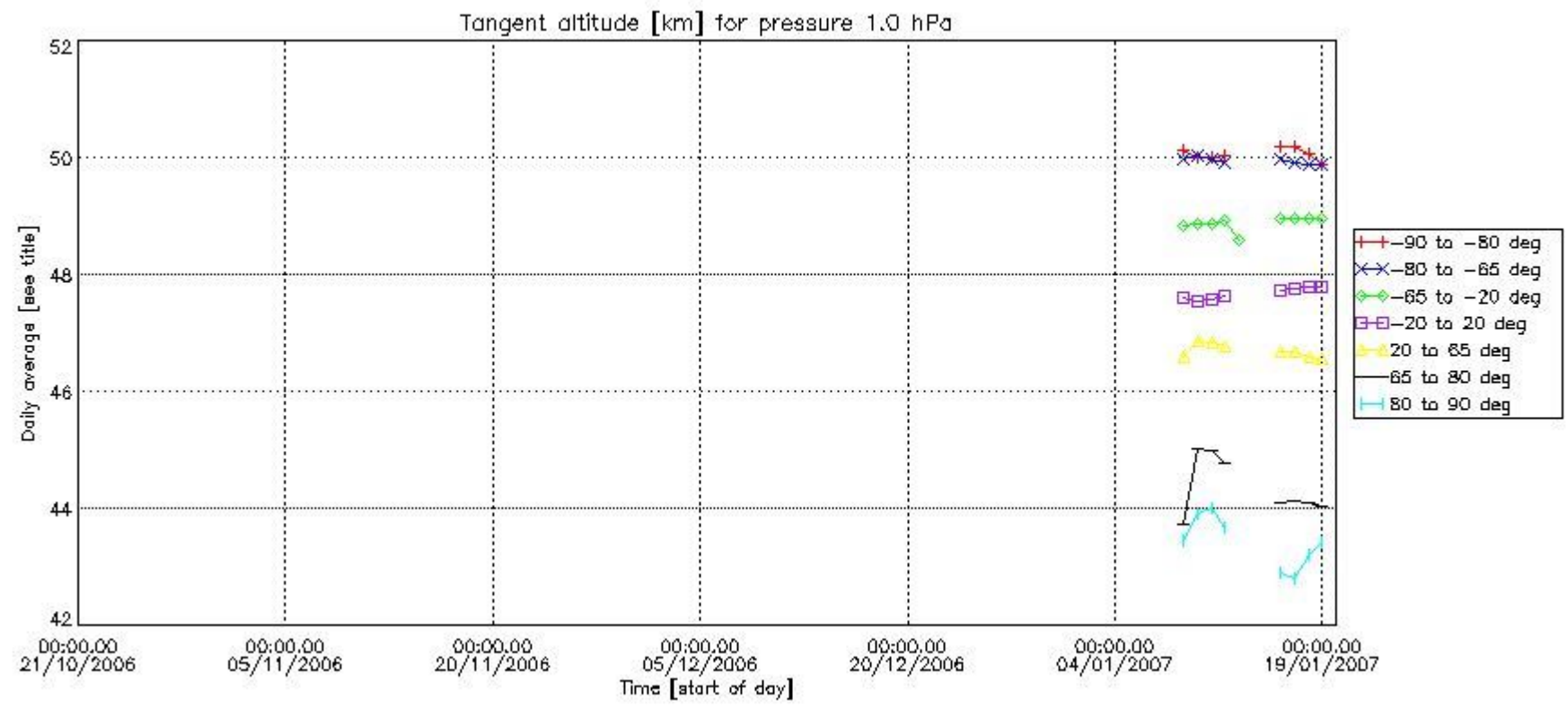


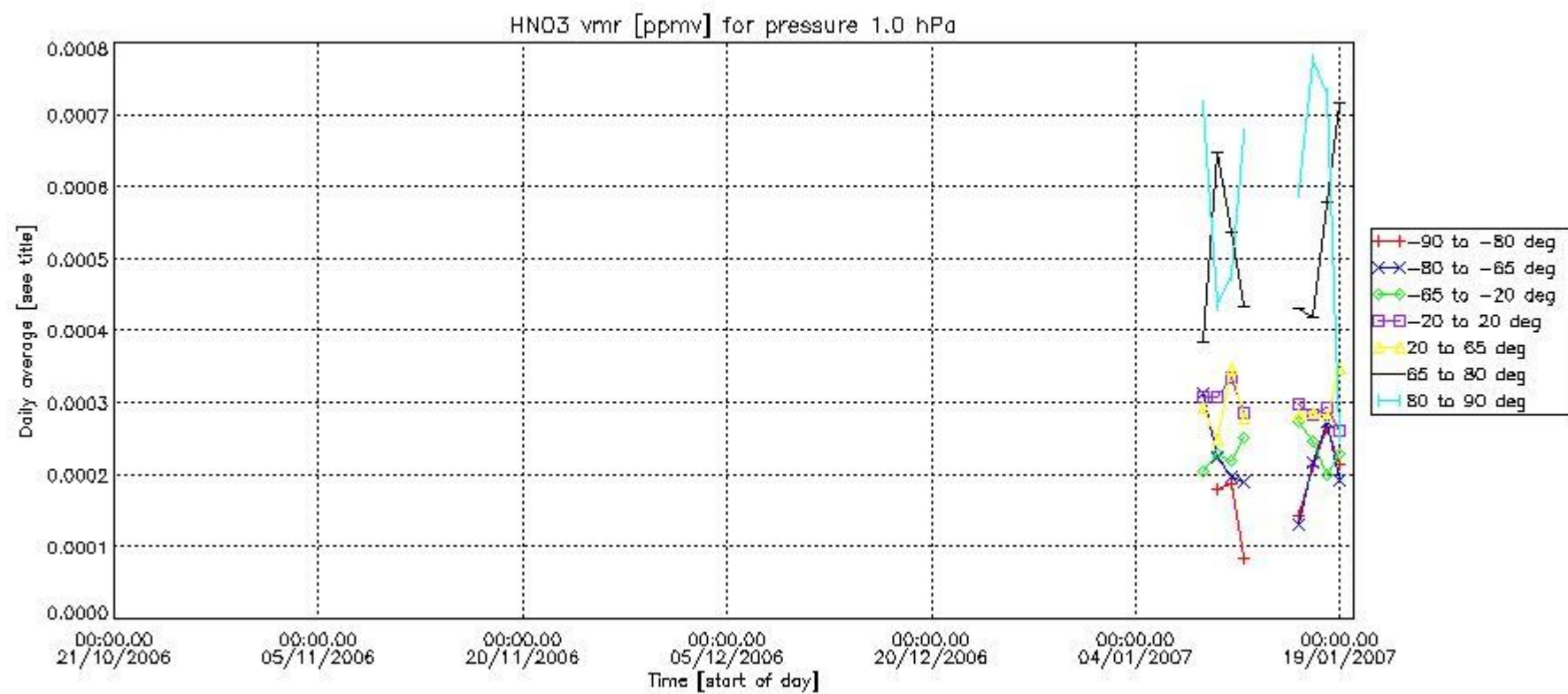
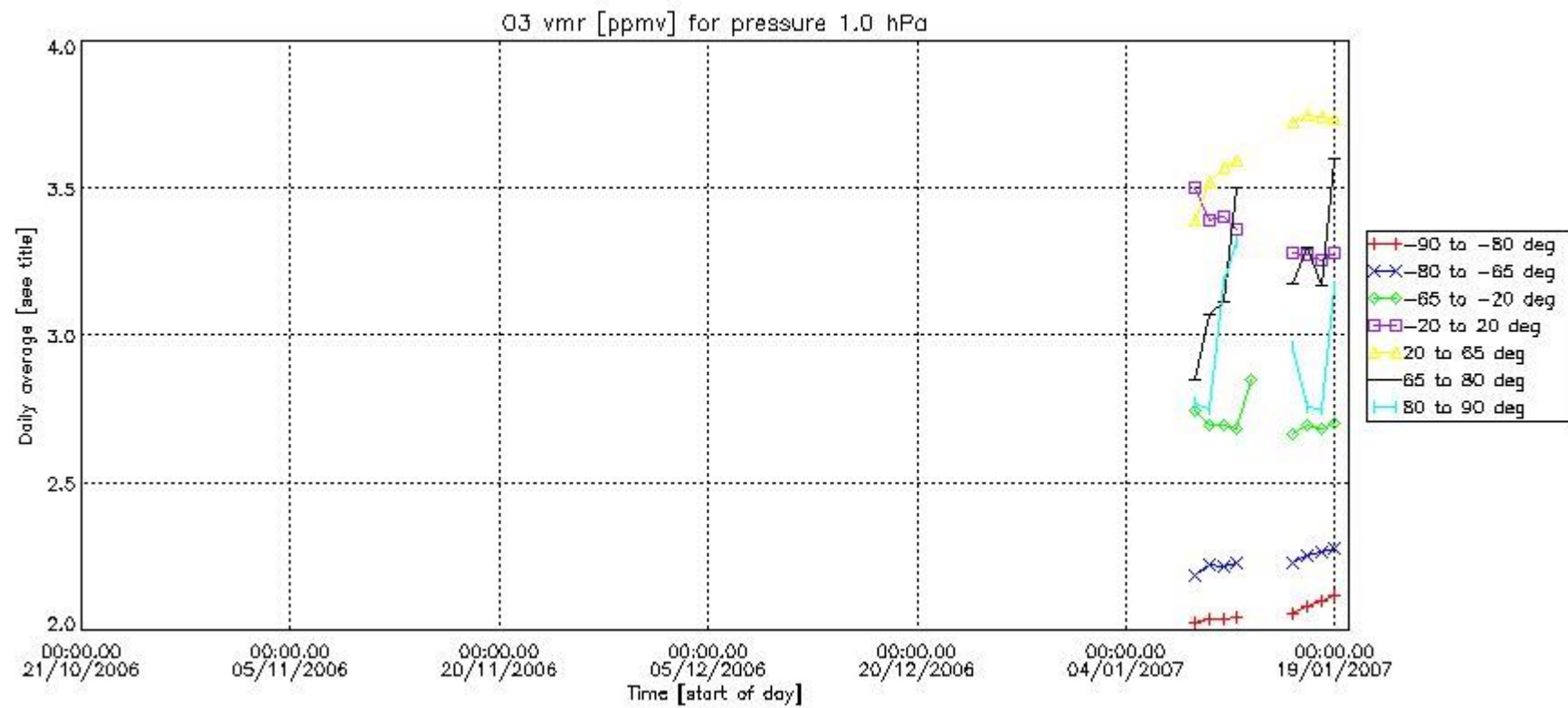


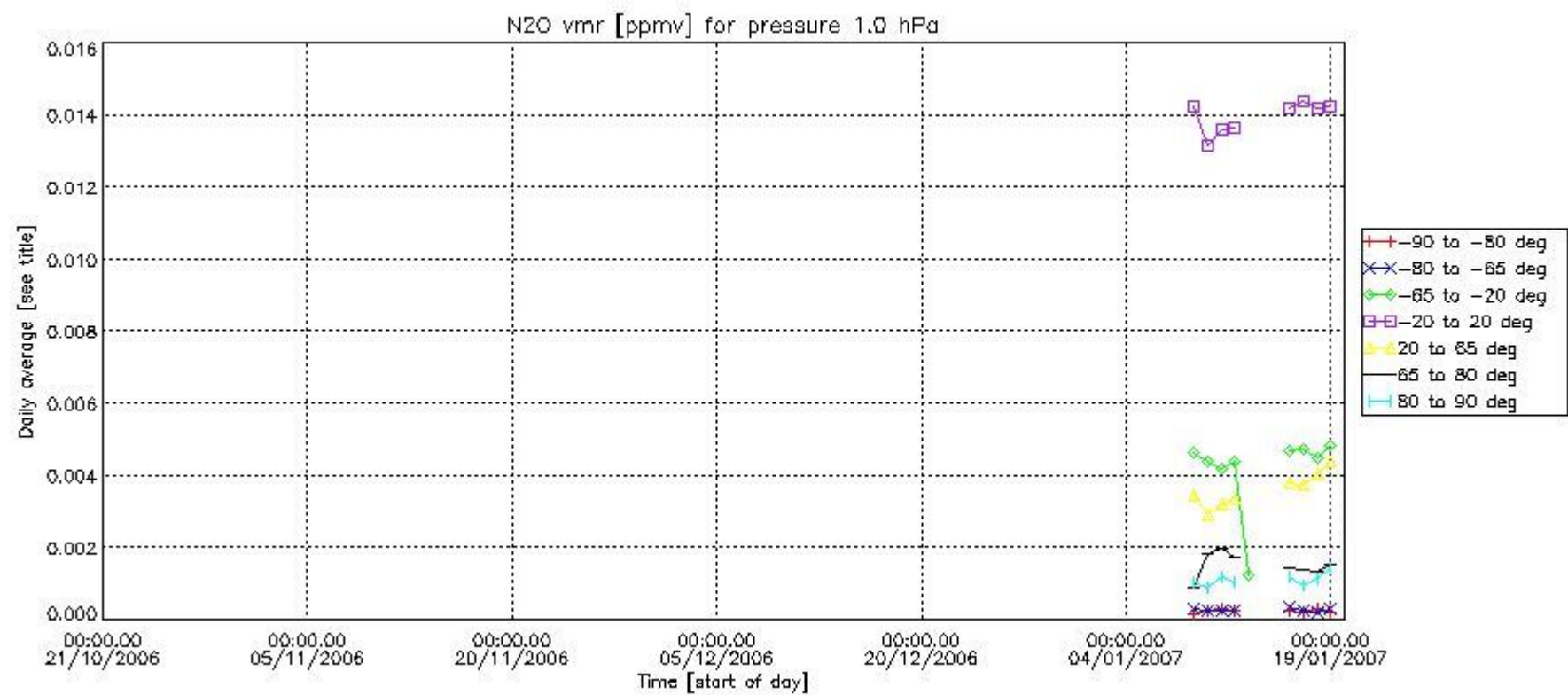
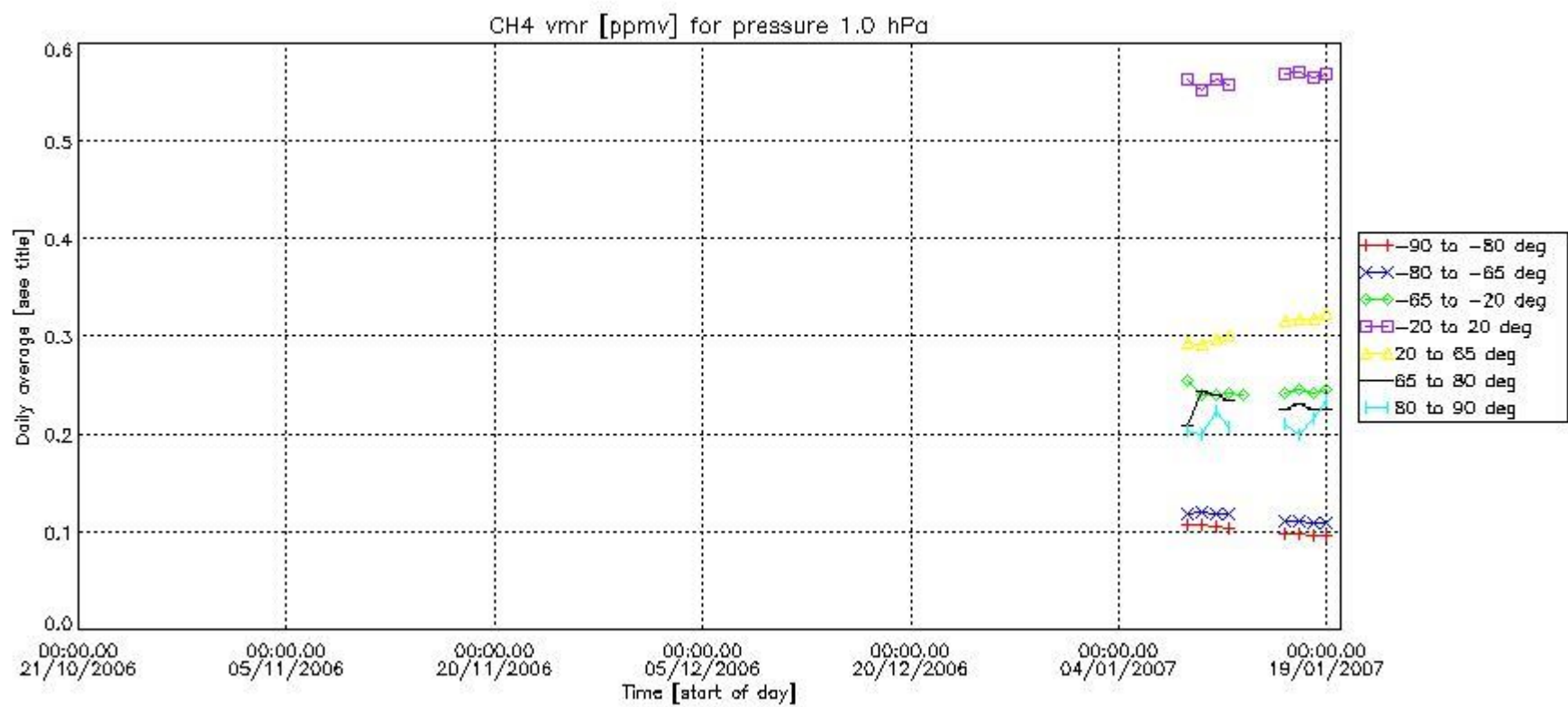


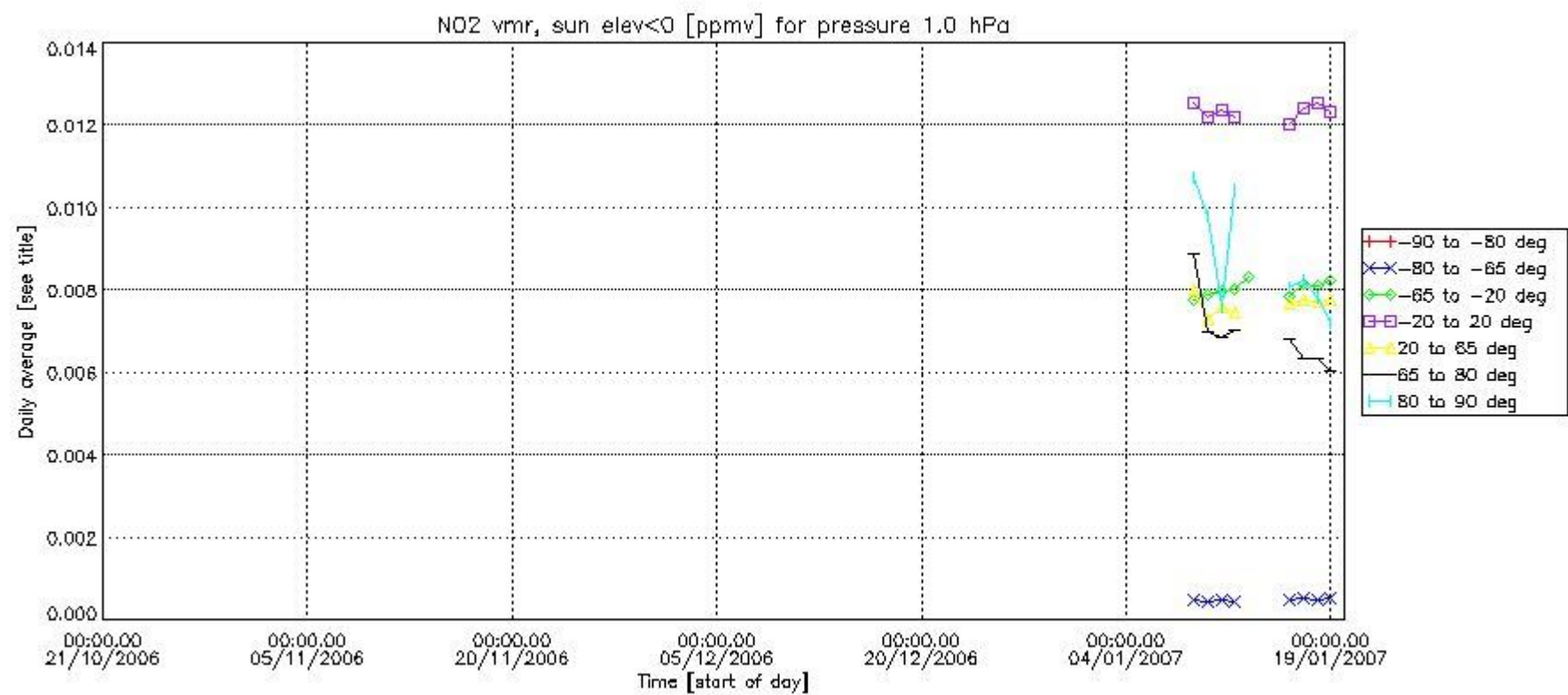
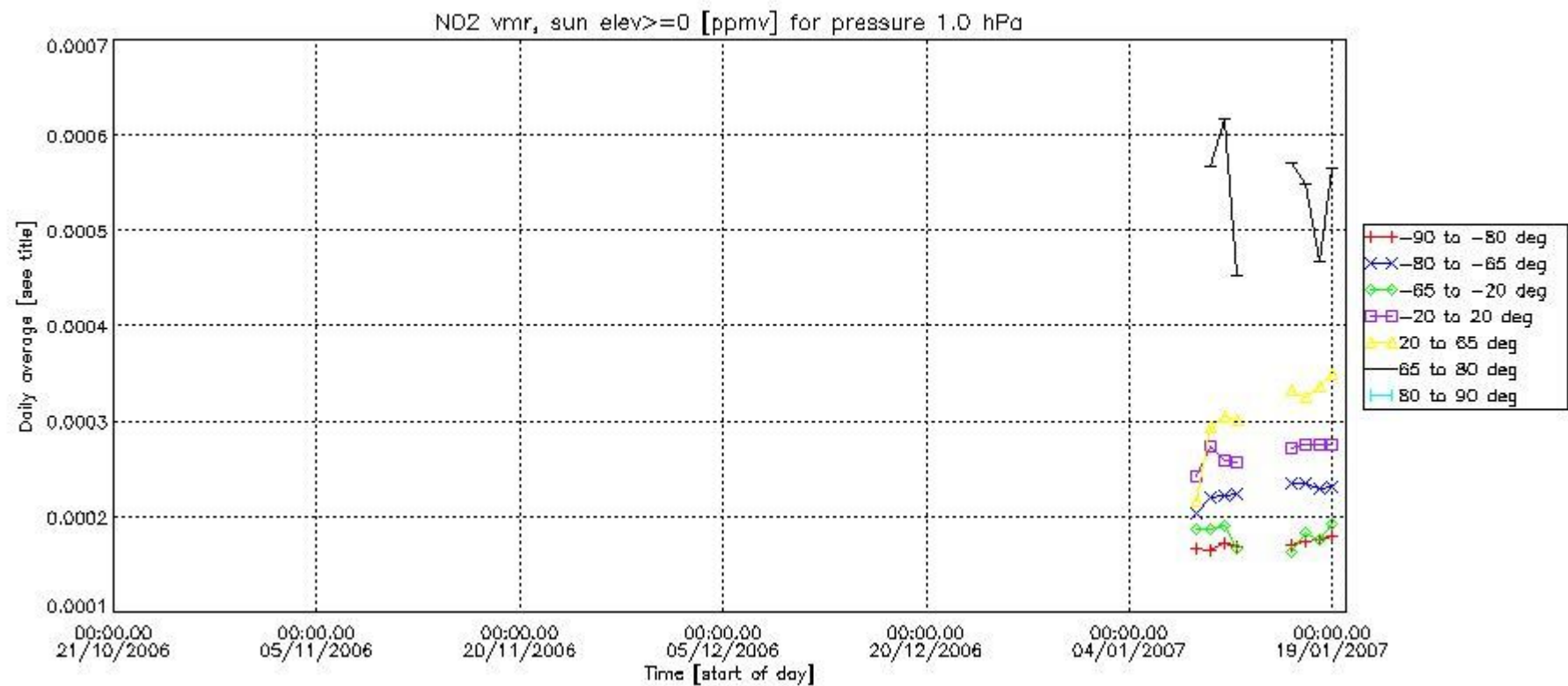


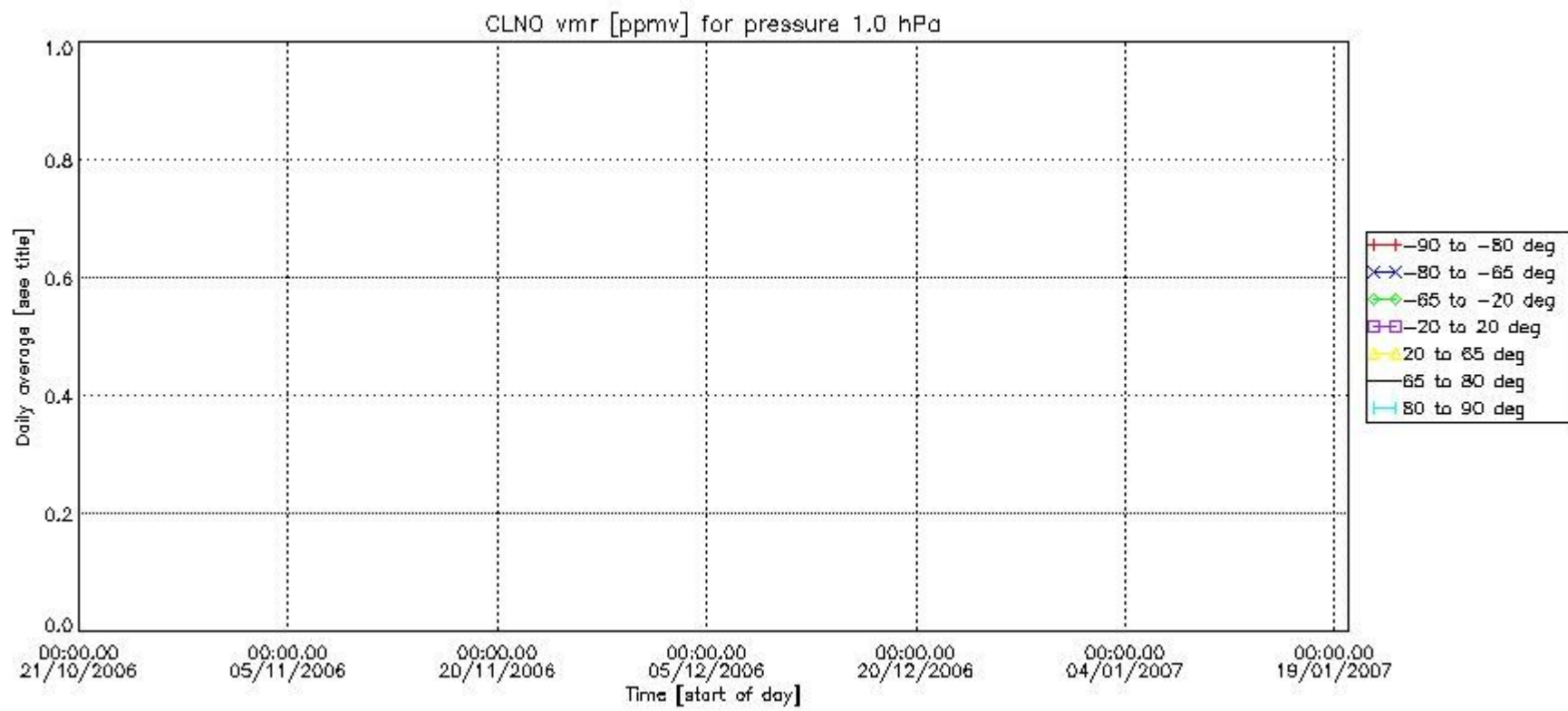
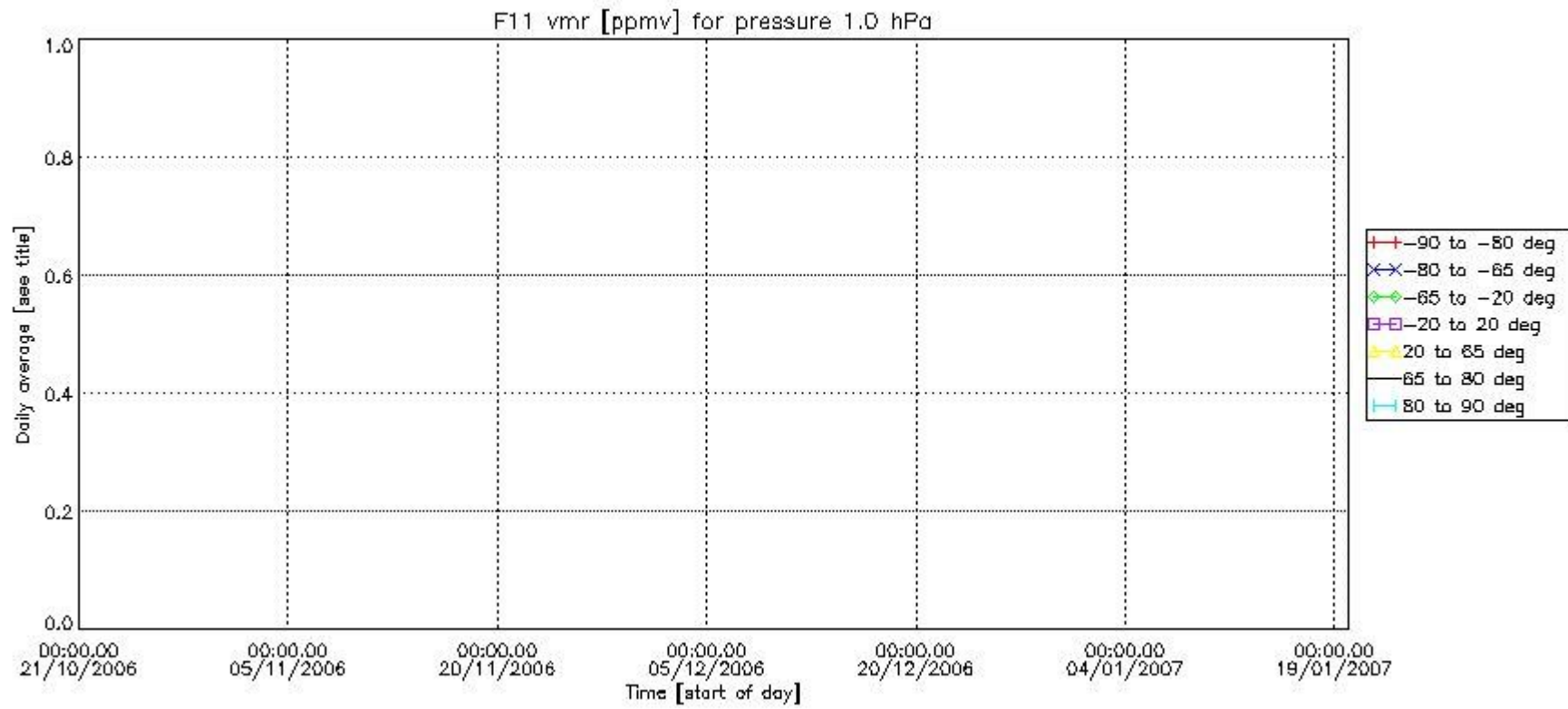


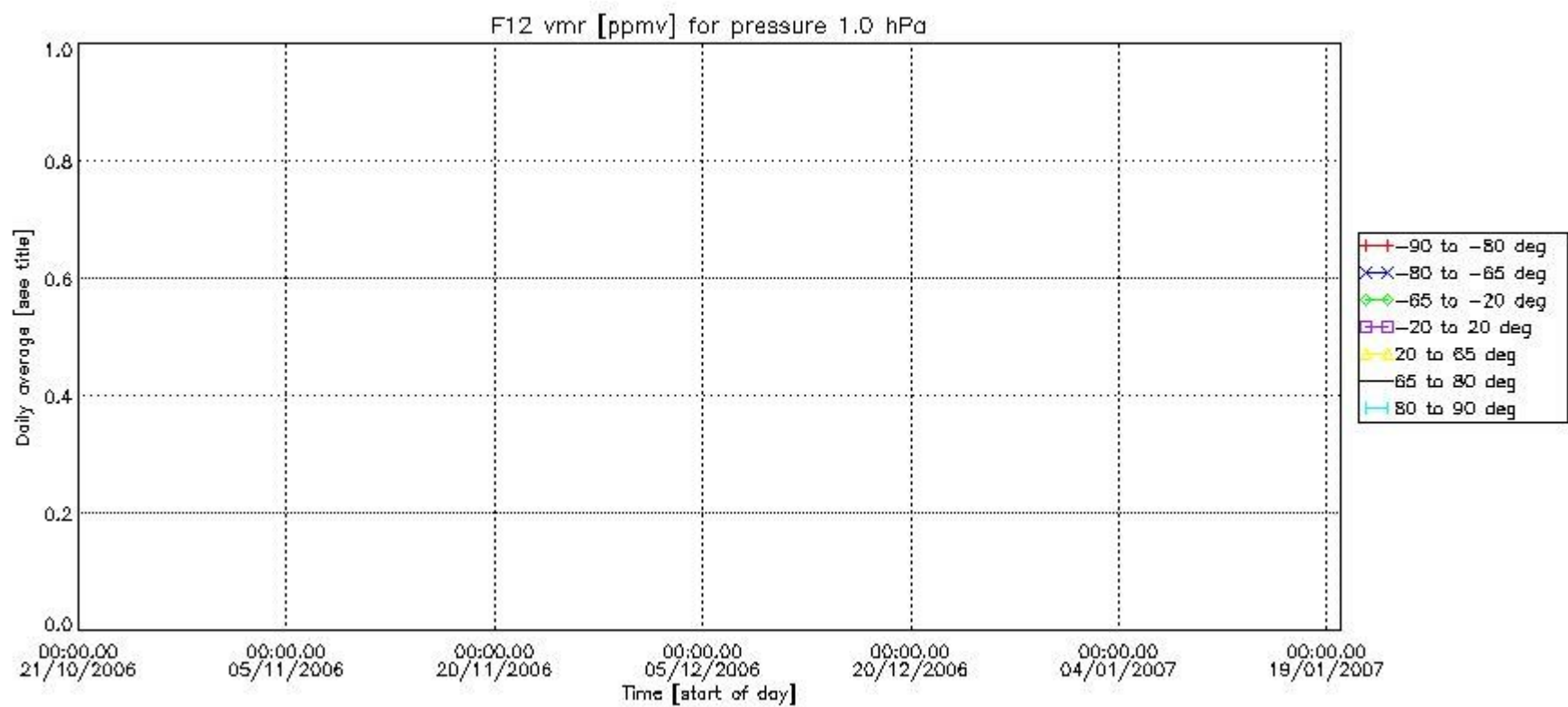
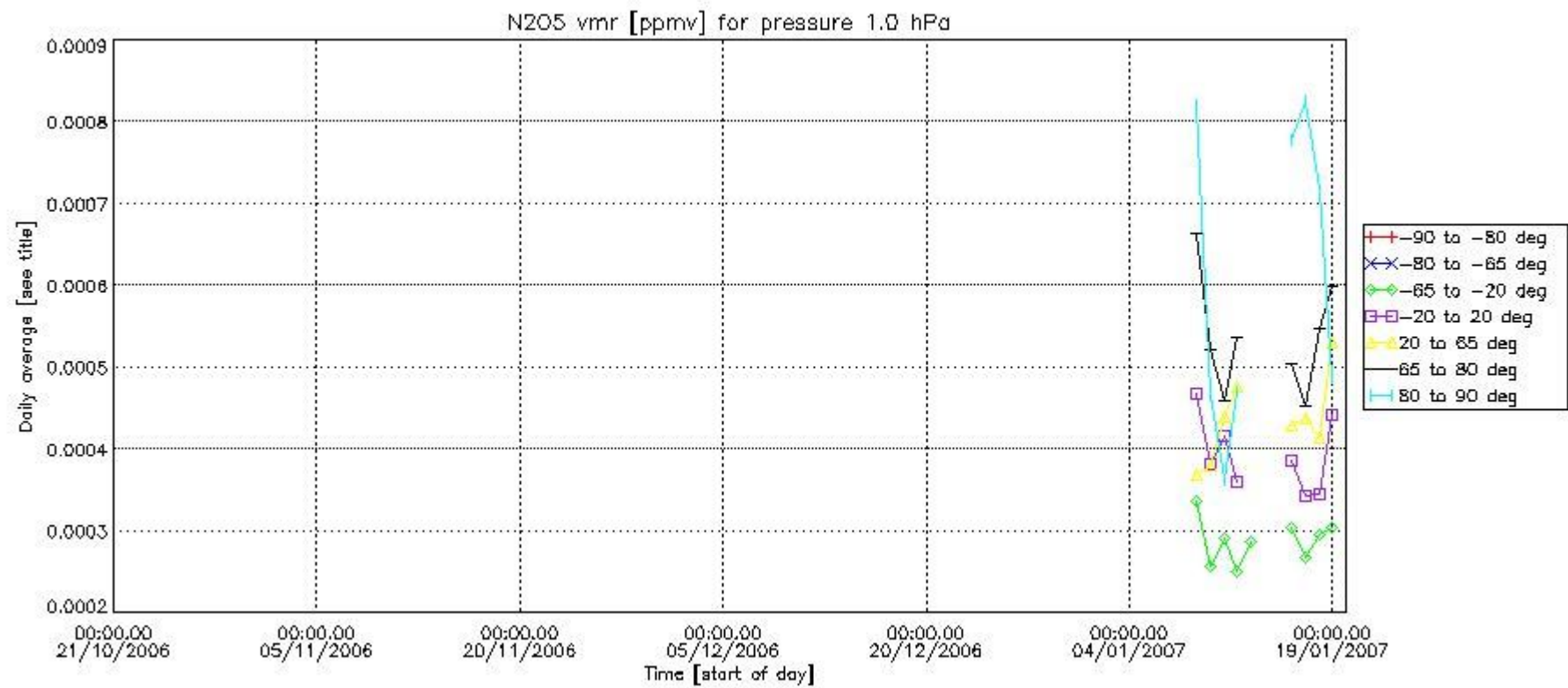


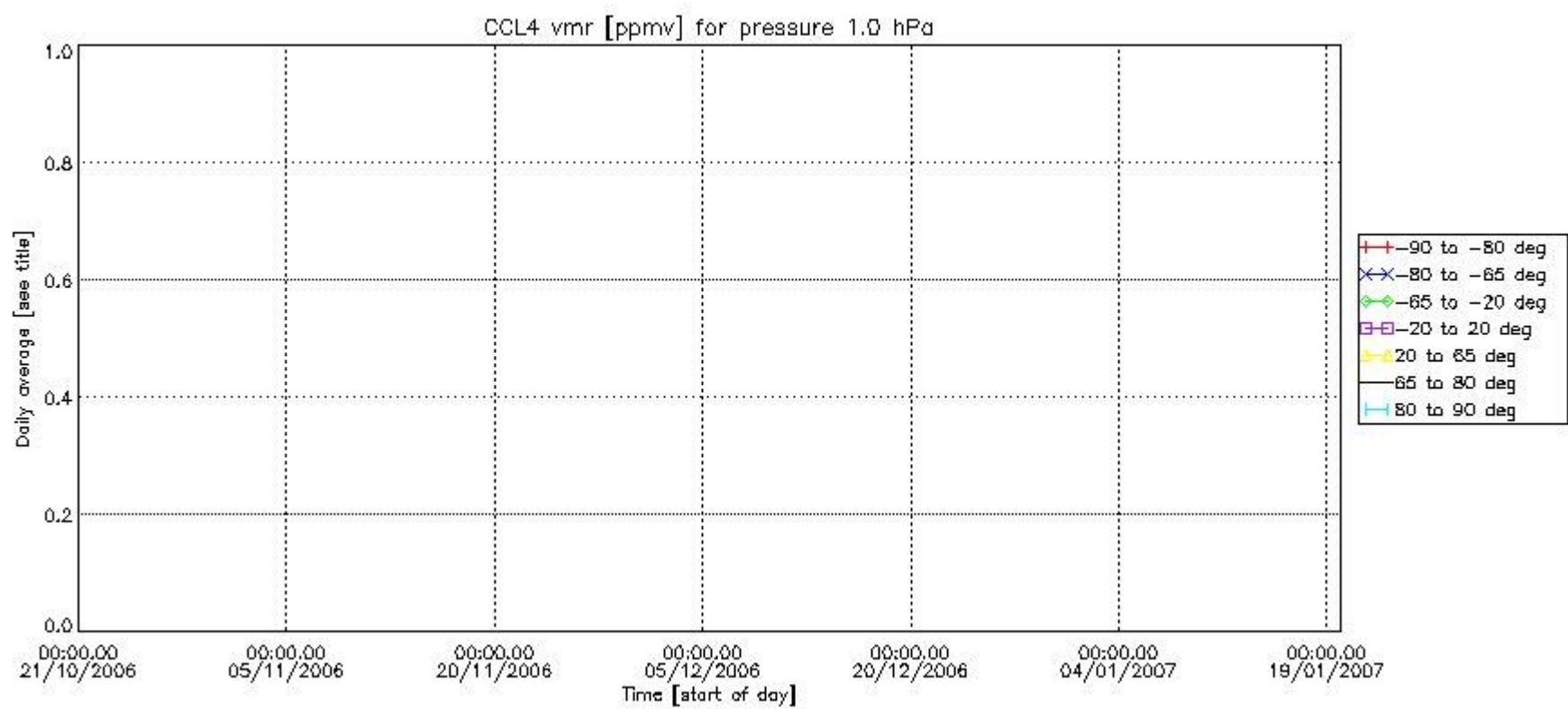
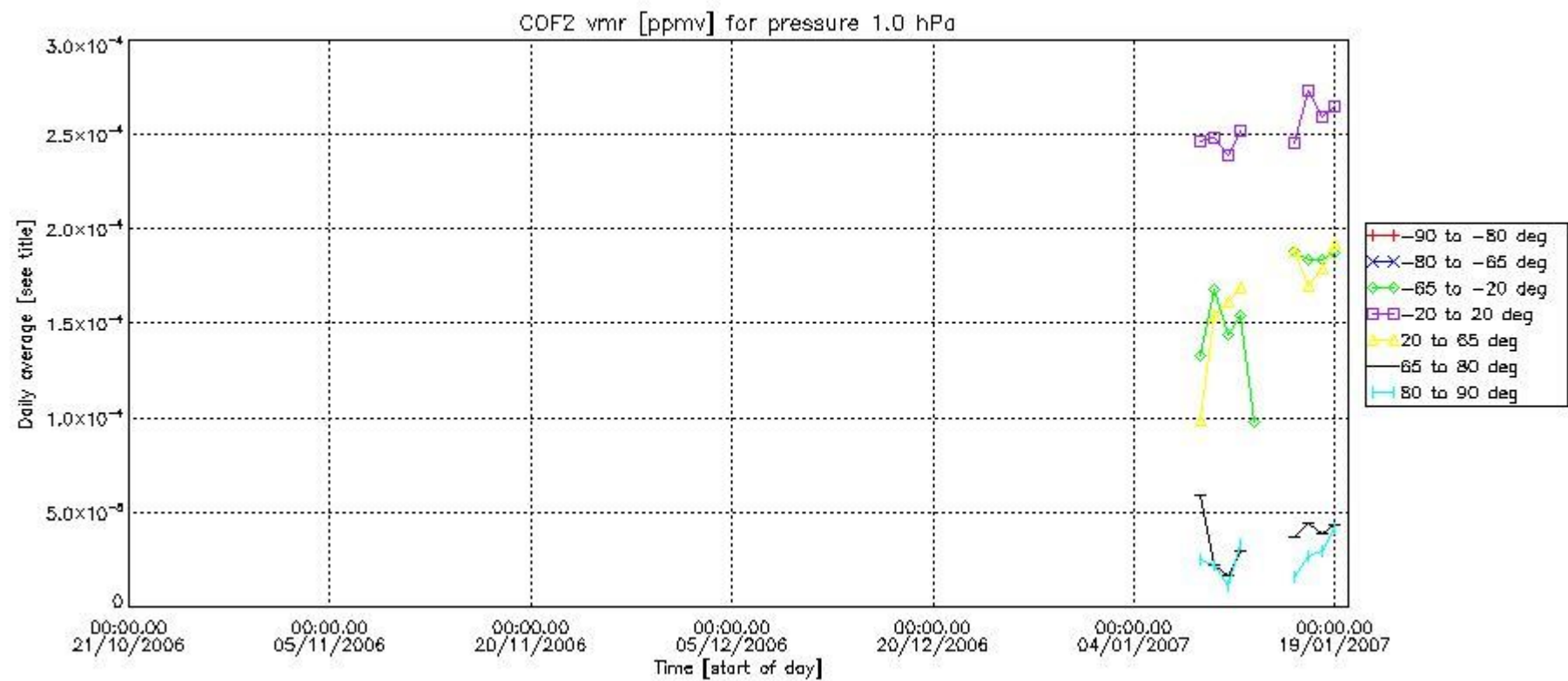


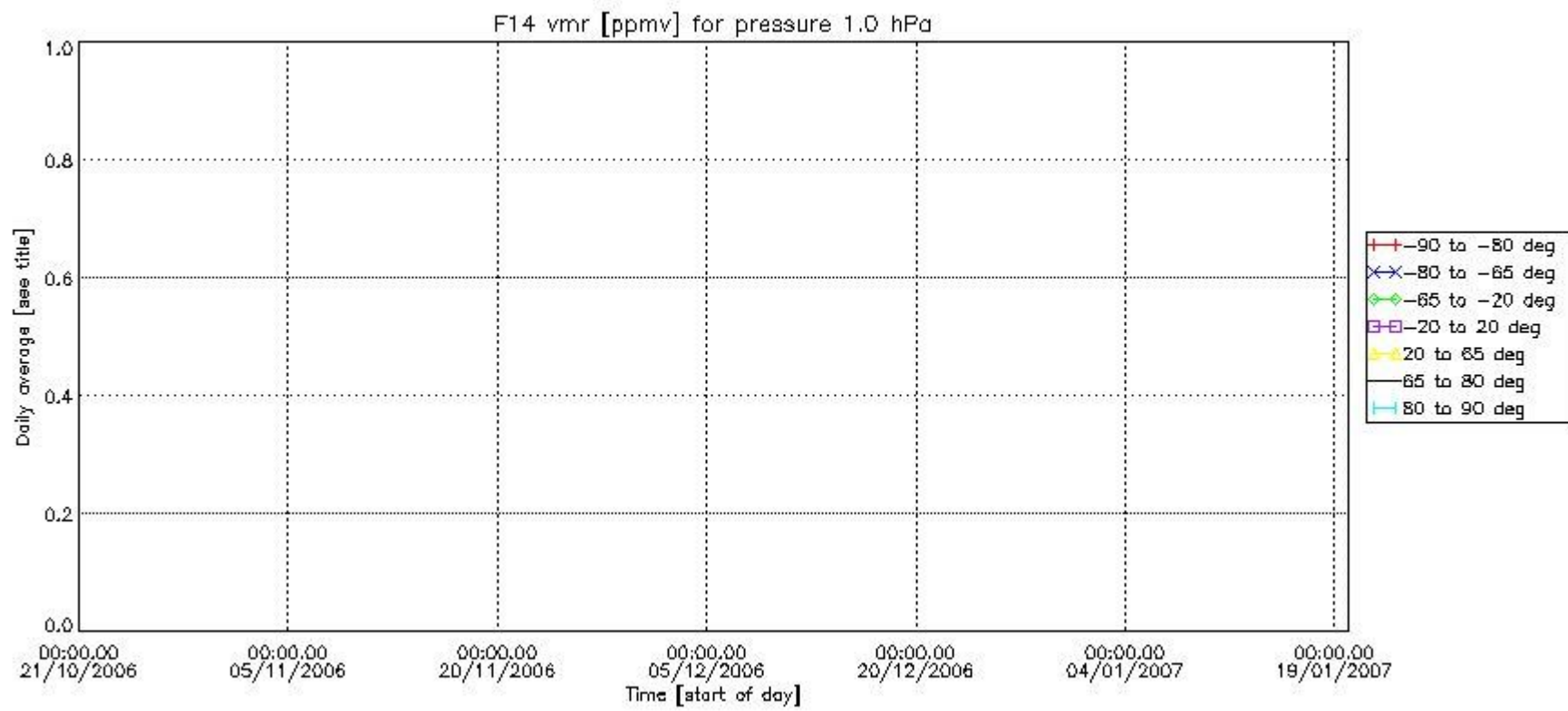
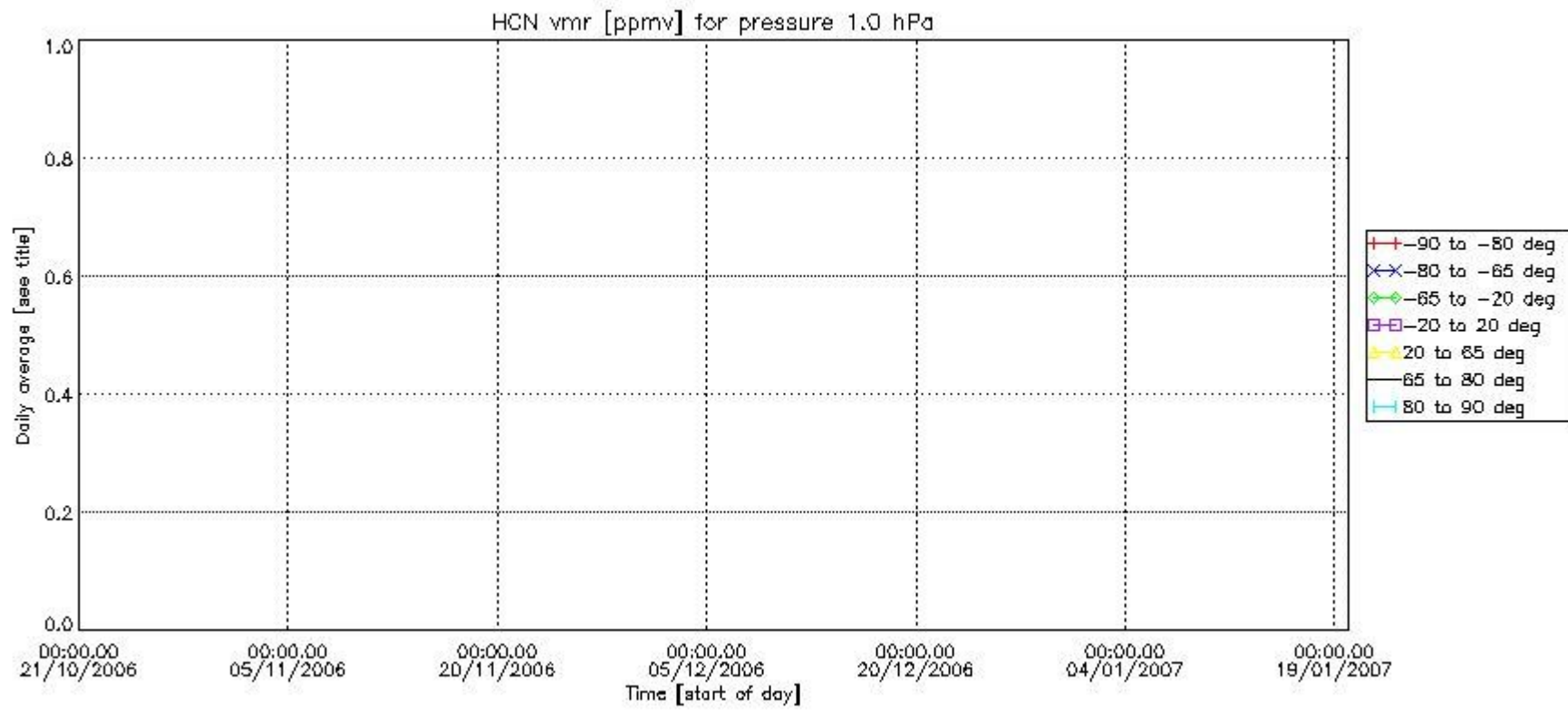


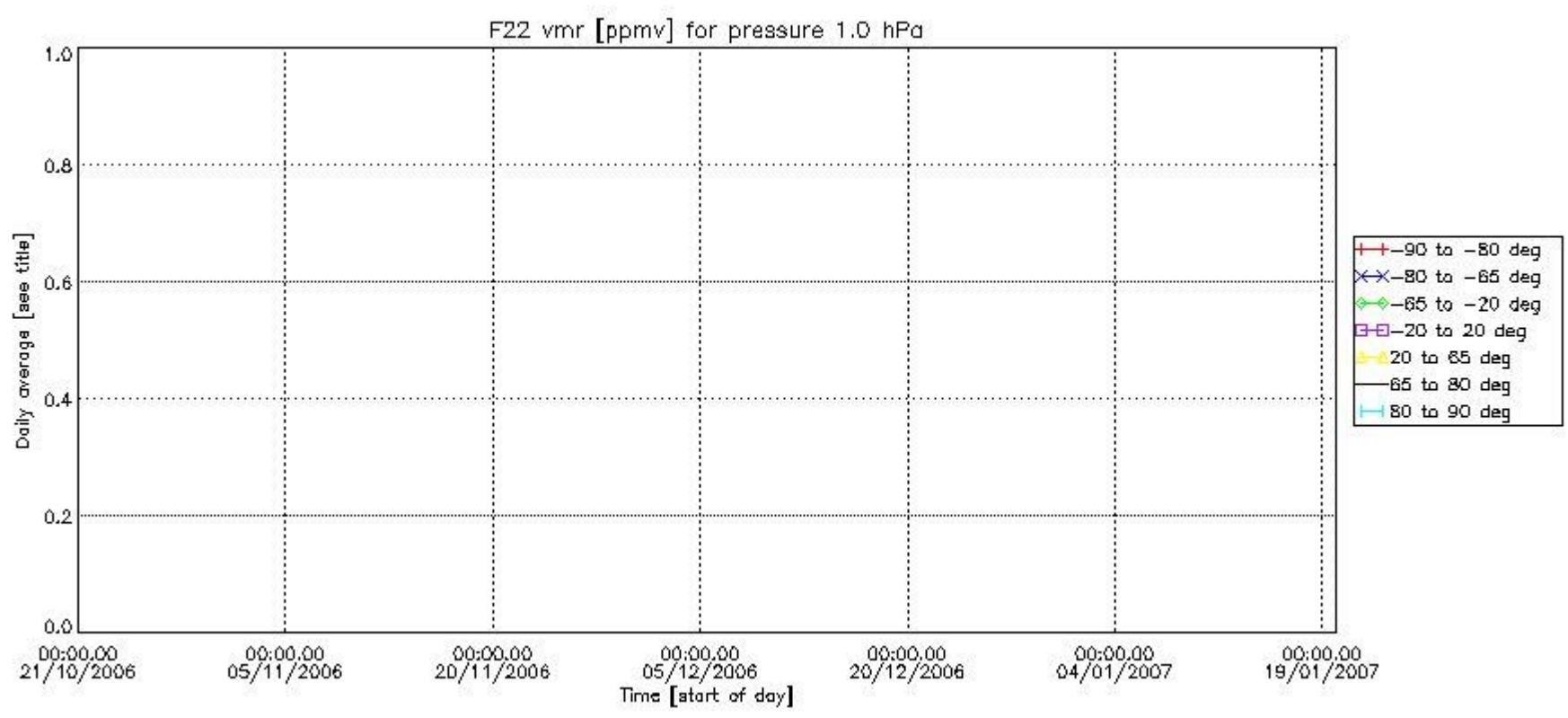












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

