

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20070118.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 09:58:04
Data source version	ML2PP/7.03-W
Processing scope for products	18JAN2007 00:00:00 to 19JAN2007 00:00:00
Start time of first product within scope	17JAN2007 22:57:10
Stop time of last product within scope	19JAN2007 00:05:33
Total number of level 2 products	13
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.

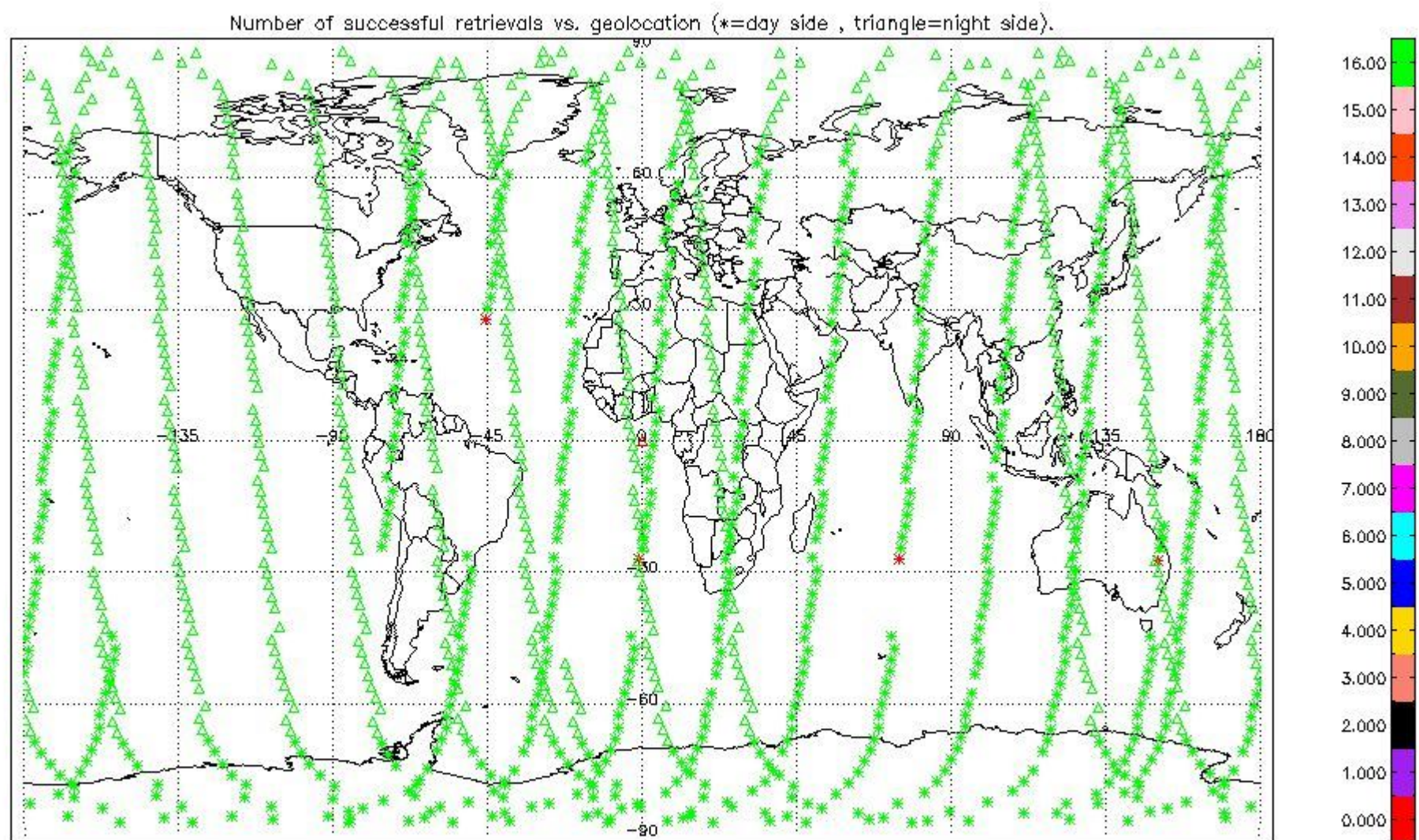
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20070117_225710_000060342054_00431_25535_1000.N1	17JAN2007 22:57:10	18JAN2007 00:37:44	0	129/129	VMR_TERM_MACRO_MICRO[HCN/micro:2]
1	MIP_NL__2PWDSI20070118_003750_000060342054_00432_25536_1000.N1	18JAN2007 00:37:50	18JAN2007 02:18:25	0	133/133	VMR_TERM_MACRO_MICRO[HCN/micro:3]
2	MIP_NL__2PWDSI20070118_021831_000059912054_00433_25537_1000.N1	18JAN2007 02:18:31	18JAN2007 03:58:22	0	132/132	VMR_TERM_MACRO_MICRO[O3/micro:1; HCN/micro:4]
3	MIP_NL__2PWDSI20070118_035857_000060352054_00434_25538_1000.N1	18JAN2007 03:58:57	18JAN2007 05:39:32	0	129/129	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:3]
4	MIP_NL__2PWDSI20070118_053938_000060352054_00435_25539_1000.N1	18JAN2007 05:39:38	18JAN2007 07:20:13	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:2; HCN/micro:1]
5	MIP_NL__2PWDSI20070118_072019_000059912054_00436_25540_1000.N1	18JAN2007 07:20:19	18JAN2007 09:00:10	0	132/132	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
6	MIP_NL__2PWDSI20070118_090045_000060342054_00437_25541_1000.N1	18JAN2007 09:00:45	18JAN2007 10:41:20	0	129/129	VMR_TERM_MACRO_MICRO[HCN/micro:1]
7	MIP_NL__2PWDSI20070118_104126_000060352054_00438_25542_1000.N1	18JAN2007 10:41:26	18JAN2007 12:22:00	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1]
8	MIP_NL__2PWDSI20070118_122207_000060262054_00439_25543_1000.N1	18JAN2007 12:22:07	18JAN2007 14:02:33	0	114/114	VMR_TERM_MACRO_MICRO[HCN/micro:1]
9	MIP_NL__2PWDSI20070118_140239_000038702054_00440_25544_1000.N1	18JAN2007 14:02:39	18JAN2007 15:07:09	0	85/85	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1; F14/micro:1]
10	MIP_NL__2PWDSI20070118_201404_000018072054_00443_25547_1000.N1	18JAN2007 20:14:04	18JAN2007 20:44:11	0	40/40	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:2]
11	MIP_NL__2PWDSI20070118_204501_000060352054_00444_25548_1000.N1	18JAN2007 20:45:01	18JAN2007 22:25:36	0	133/133	VMR_TERM_MACRO_MICRO[HCN/macro:1; CCL4/micro:1; HCN/micro:1]
12	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]

2.2 Processing performance indicators

2.2.1 Successful retrievals

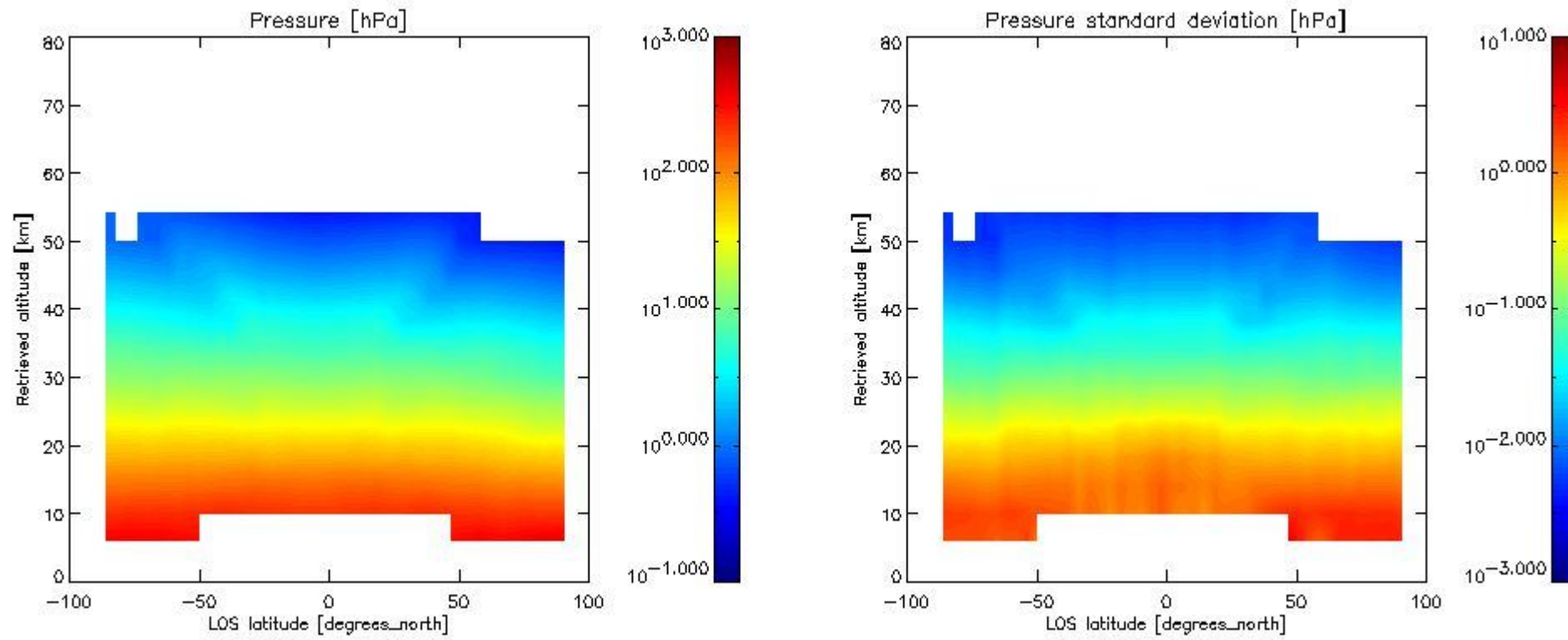
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1554	1456	93.694
H2O	1554	1456	93.694
O3	1554	1456	93.694
HNO3	1554	1456	93.694
CH4	1554	1456	93.694
N2O	1554	1456	93.694
NO2	1554	1456	93.694
F11	1554	1456	93.694
CLNO	1554	1456	93.694
N2O5	1554	1456	93.694
F12	1554	1456	93.694
COF2	1554	1456	93.694
CCL4	1554	1456	93.694
HCN	1554	1456	93.694
F14	1554	1456	93.694
F22	1554	1456	93.694



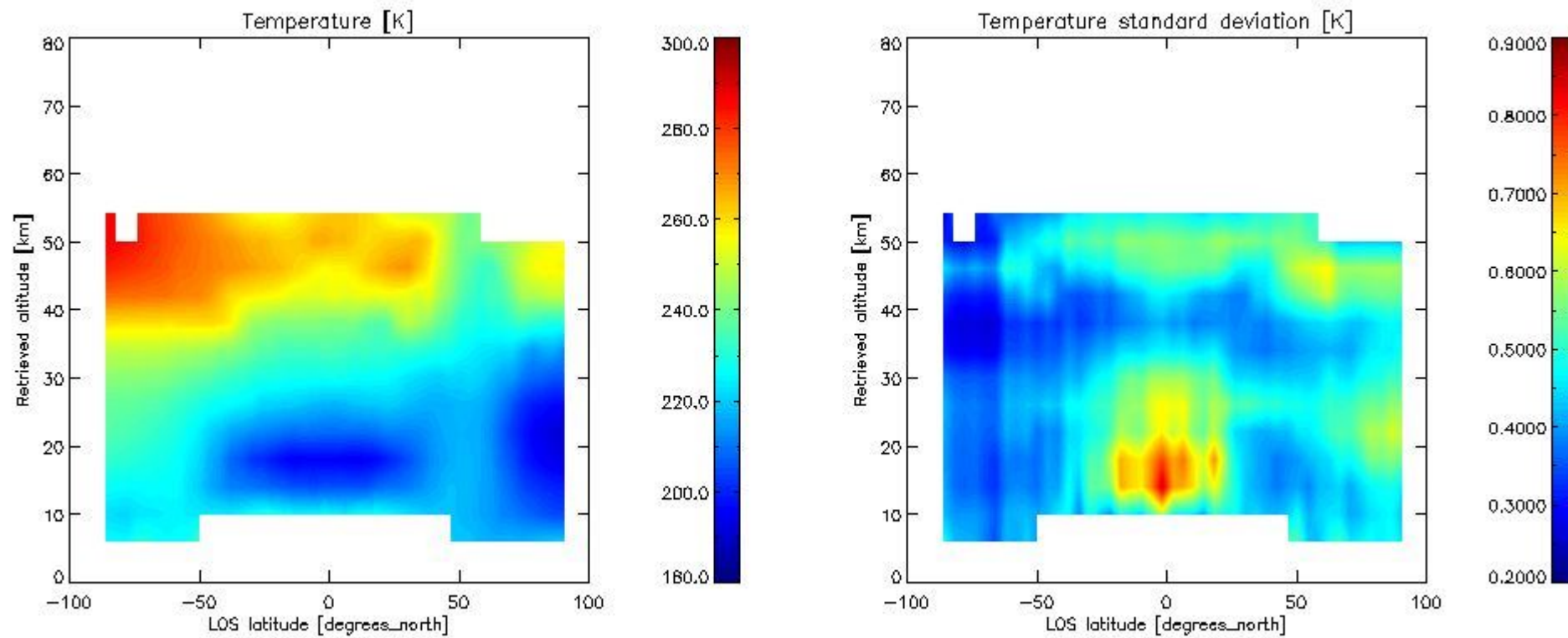
2.2.2 Pressure overview

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



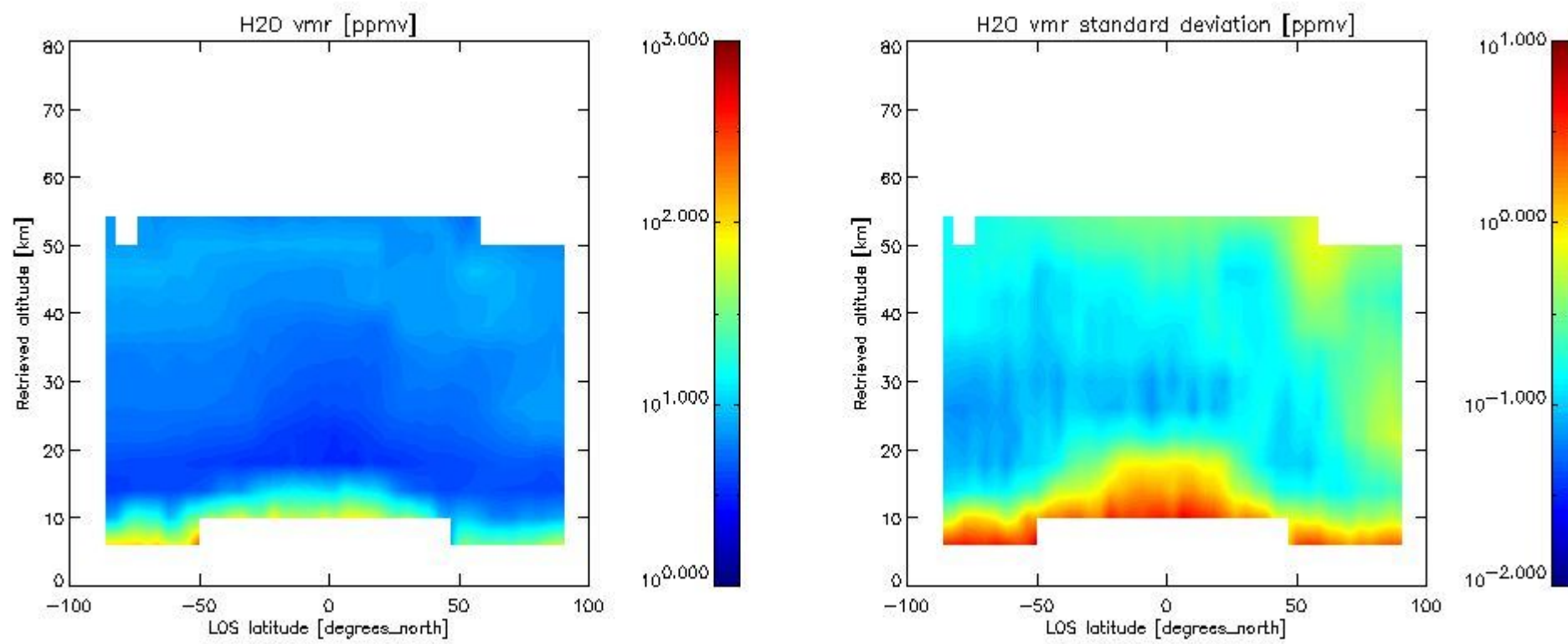
2.2.3 Temperature overview

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

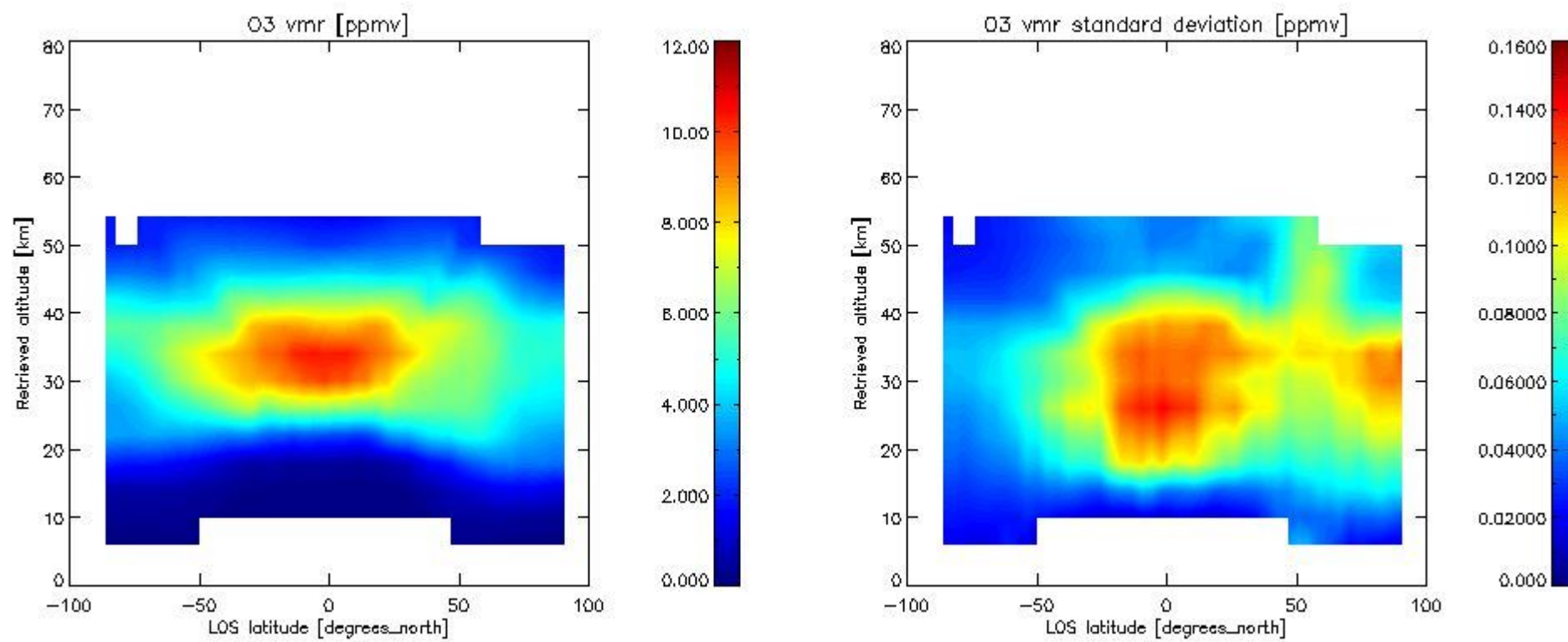


2.2.4 Species overview

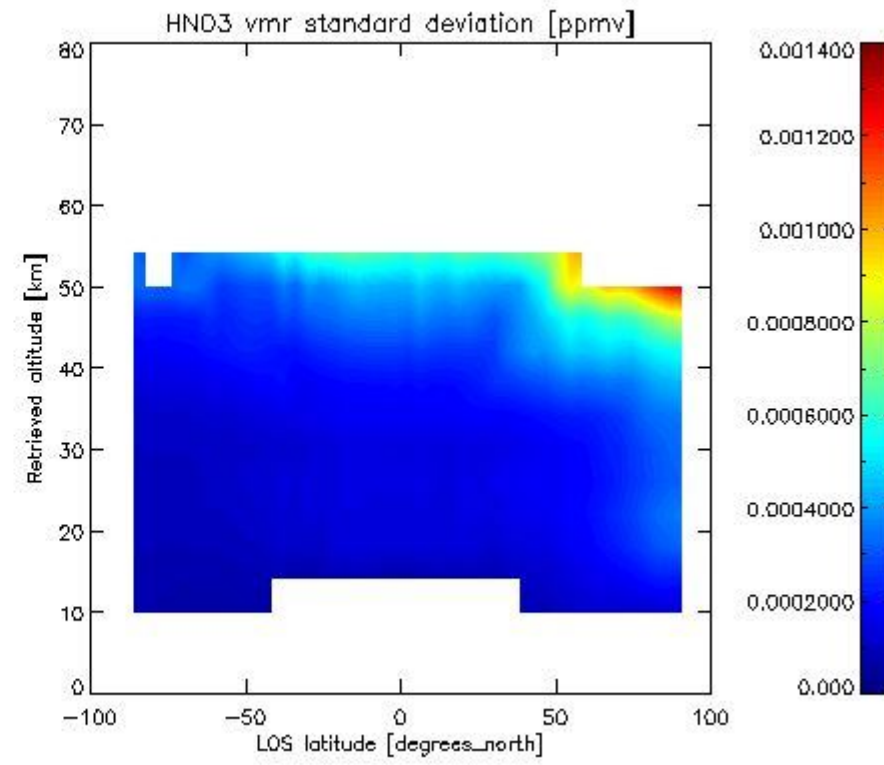
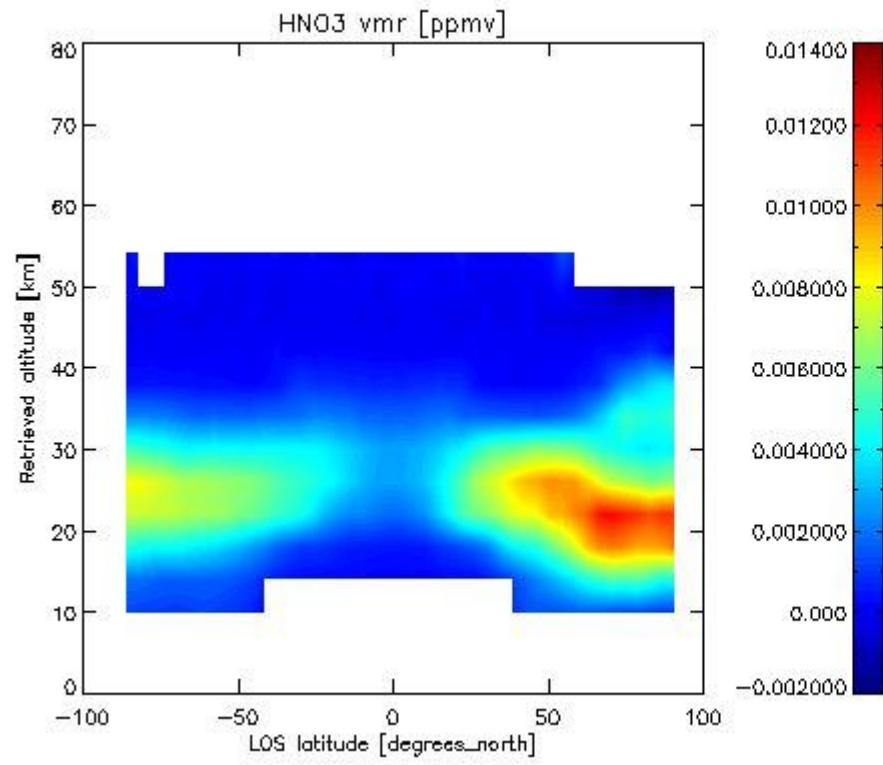
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



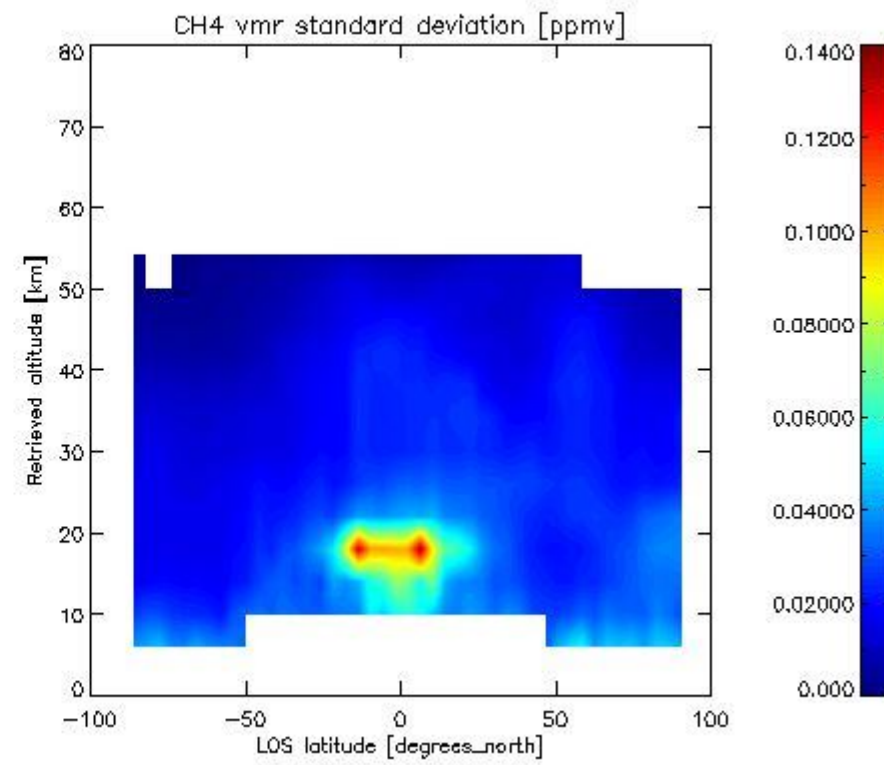
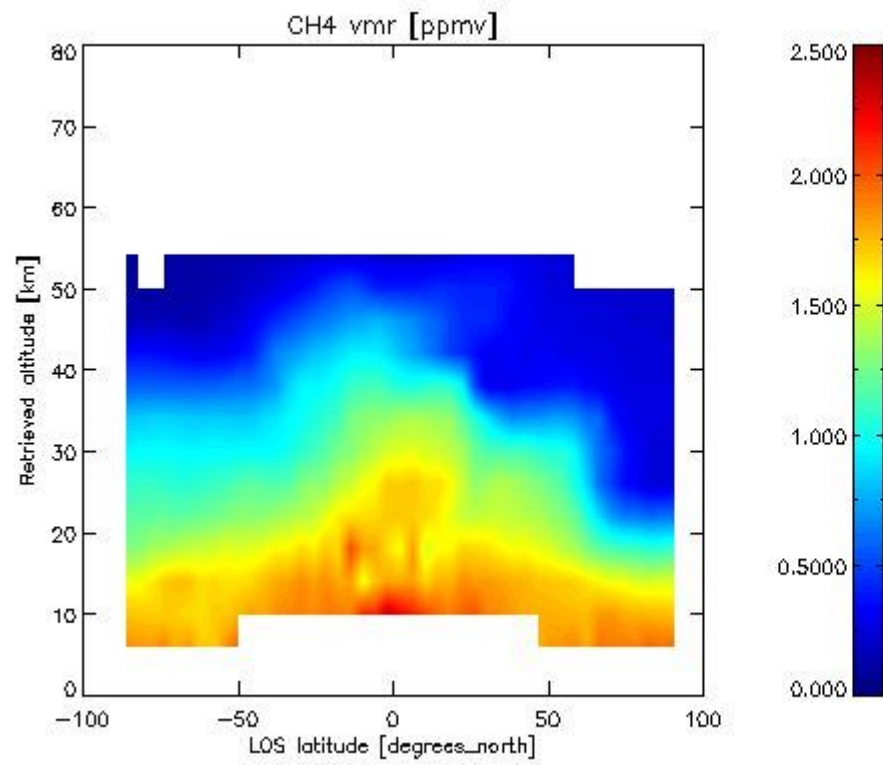
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



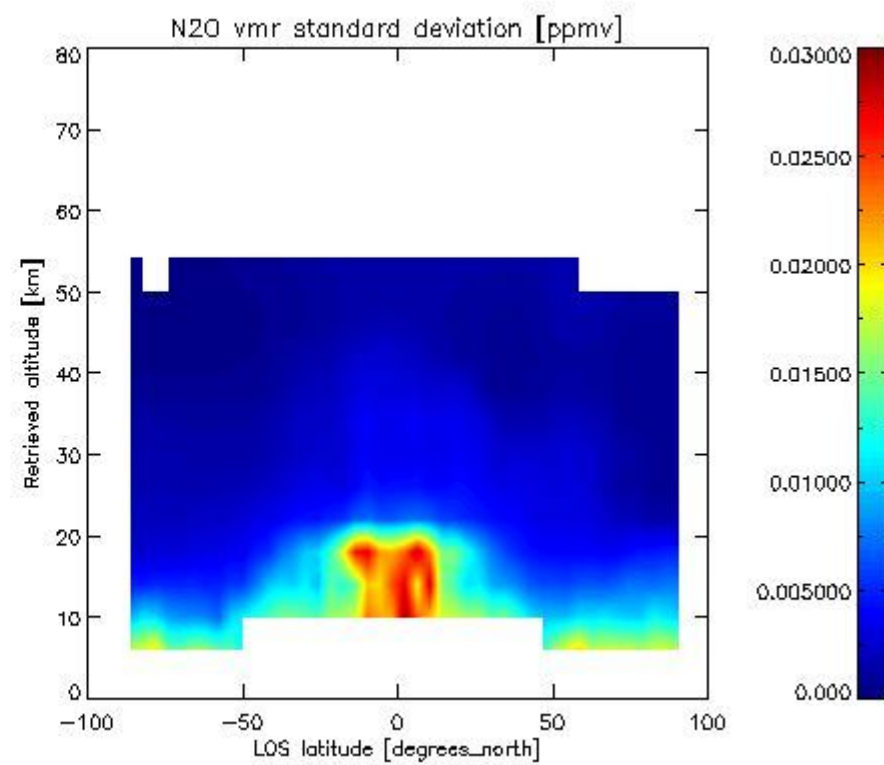
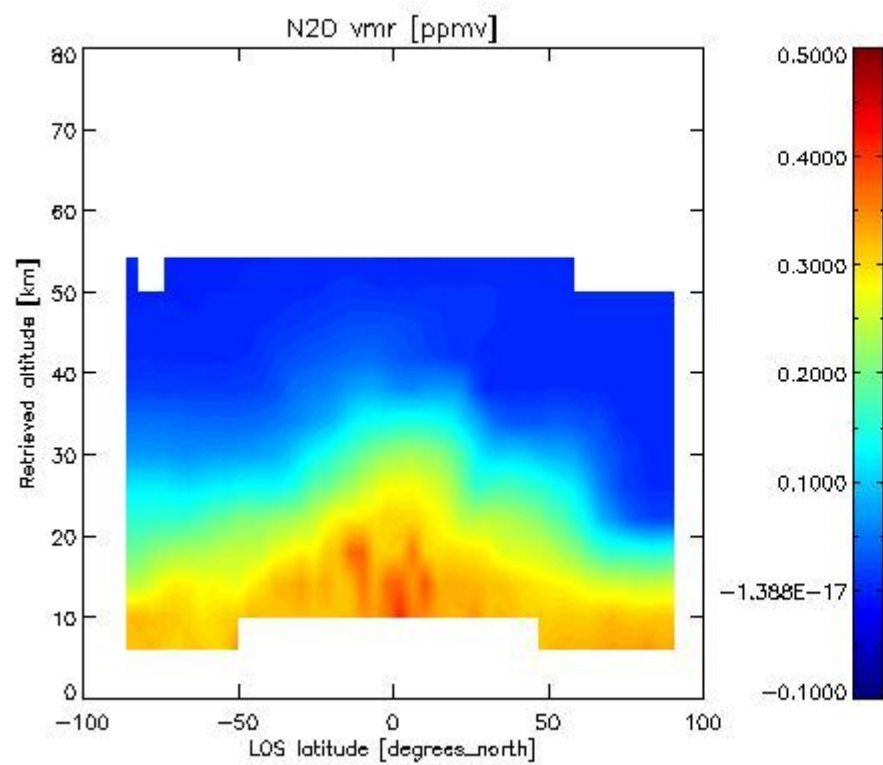
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



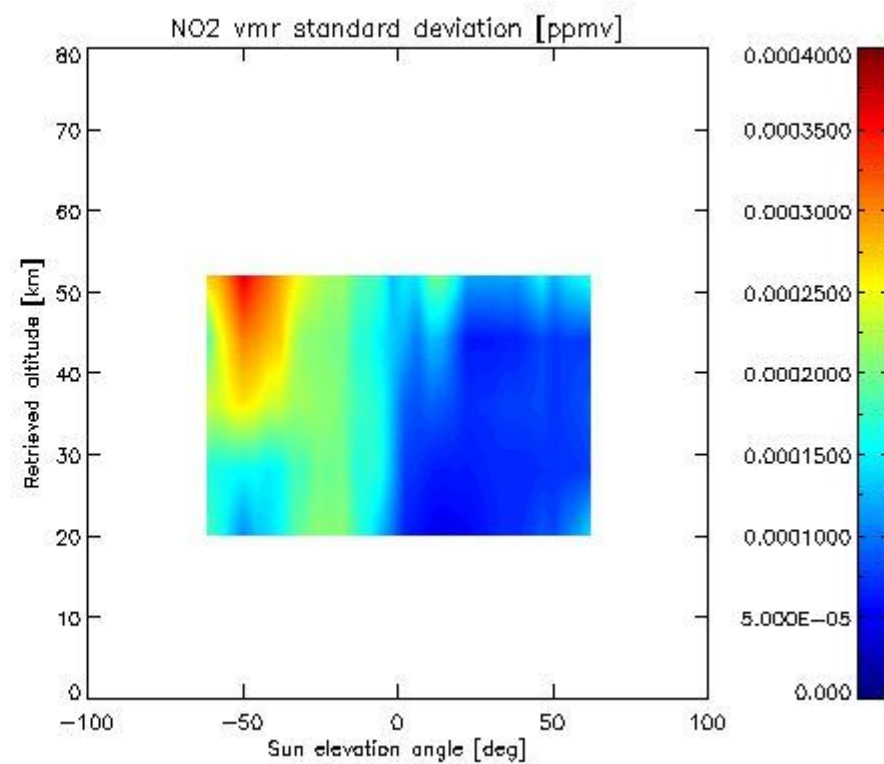
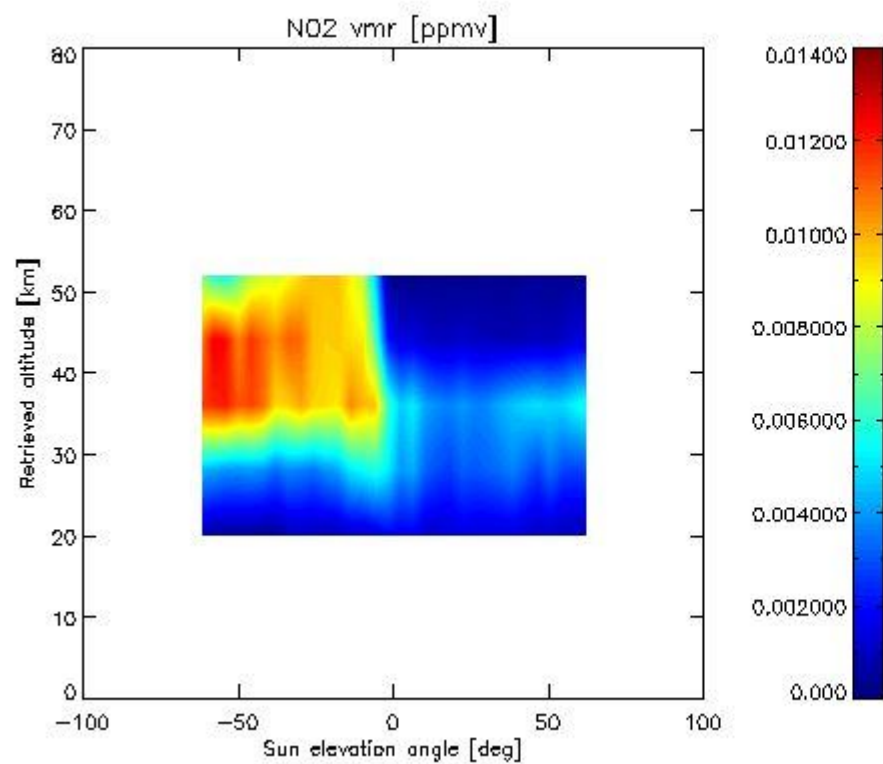
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



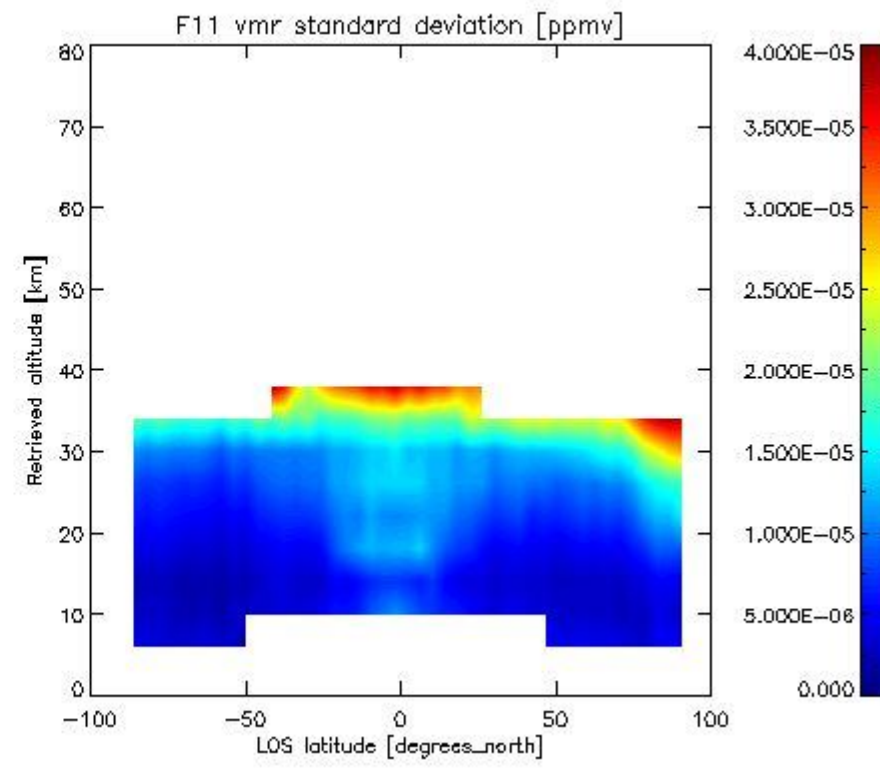
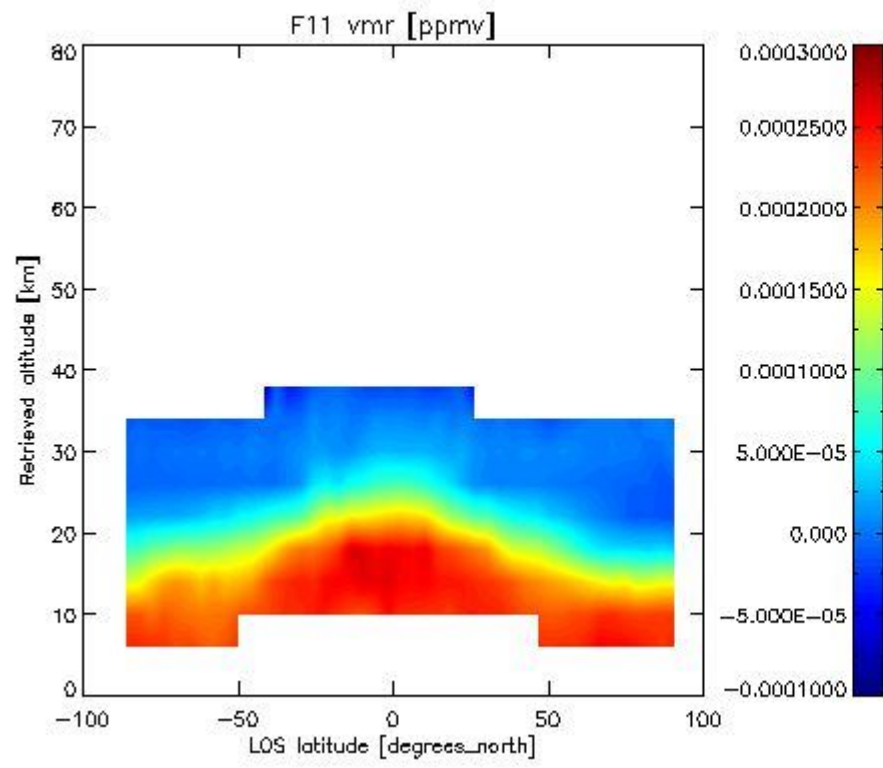
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



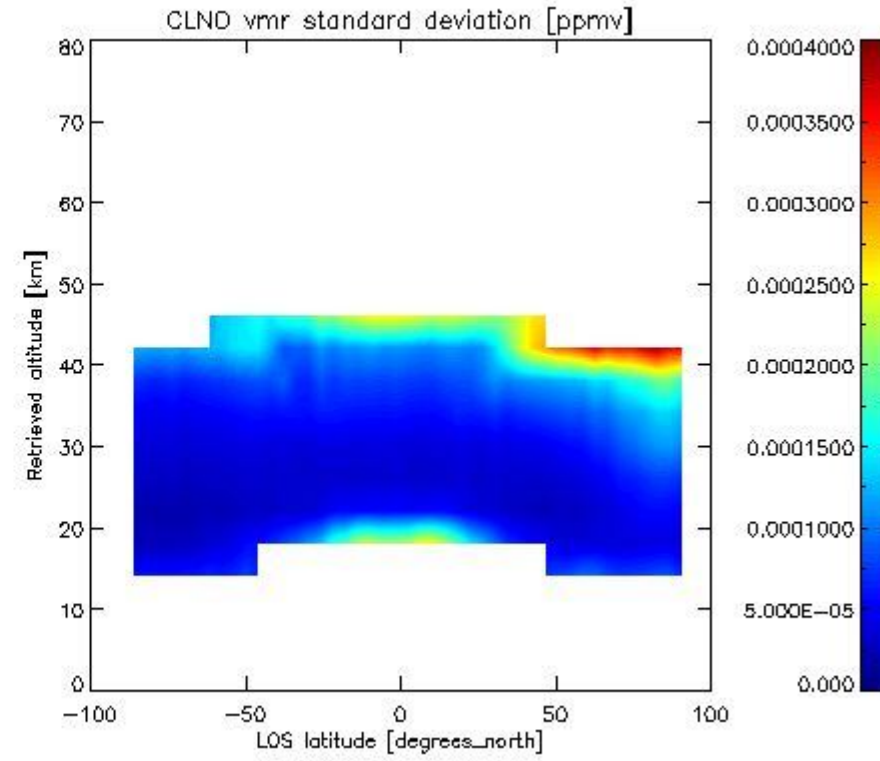
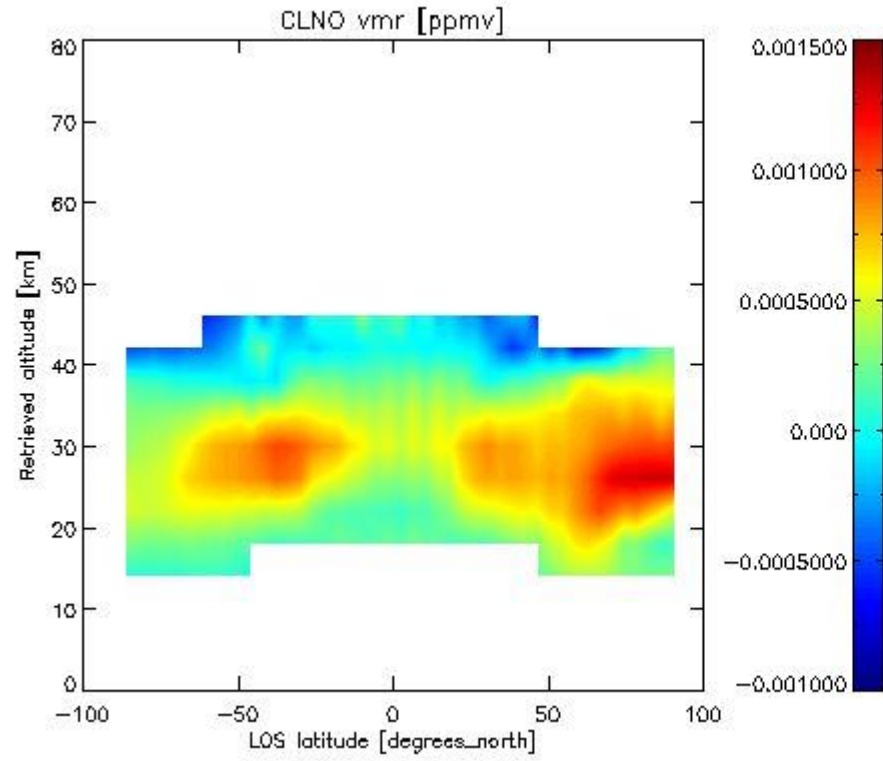
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 8 km.

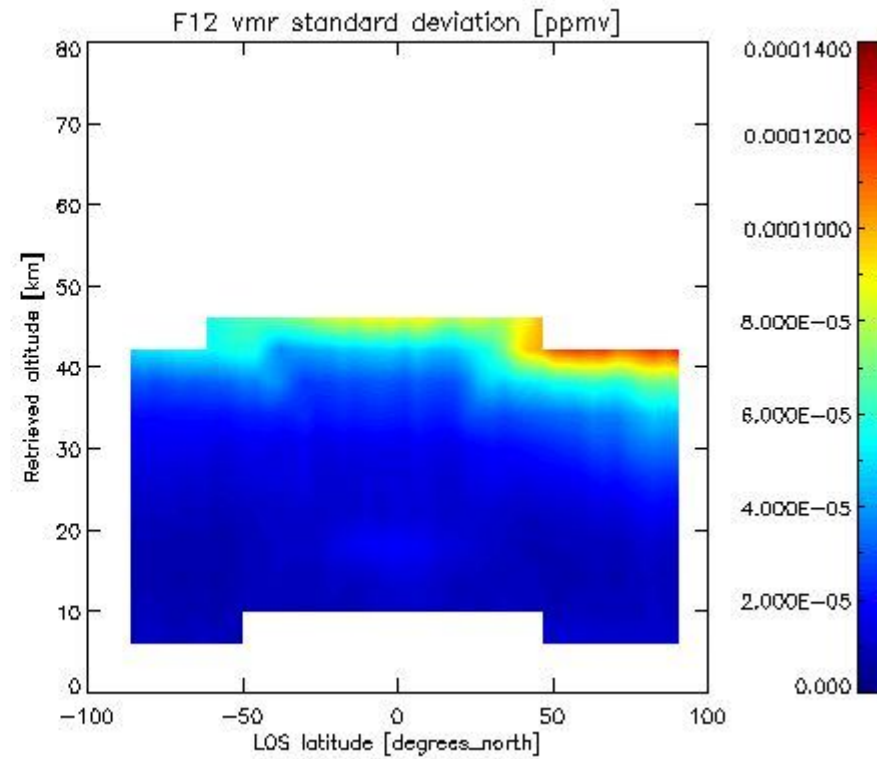
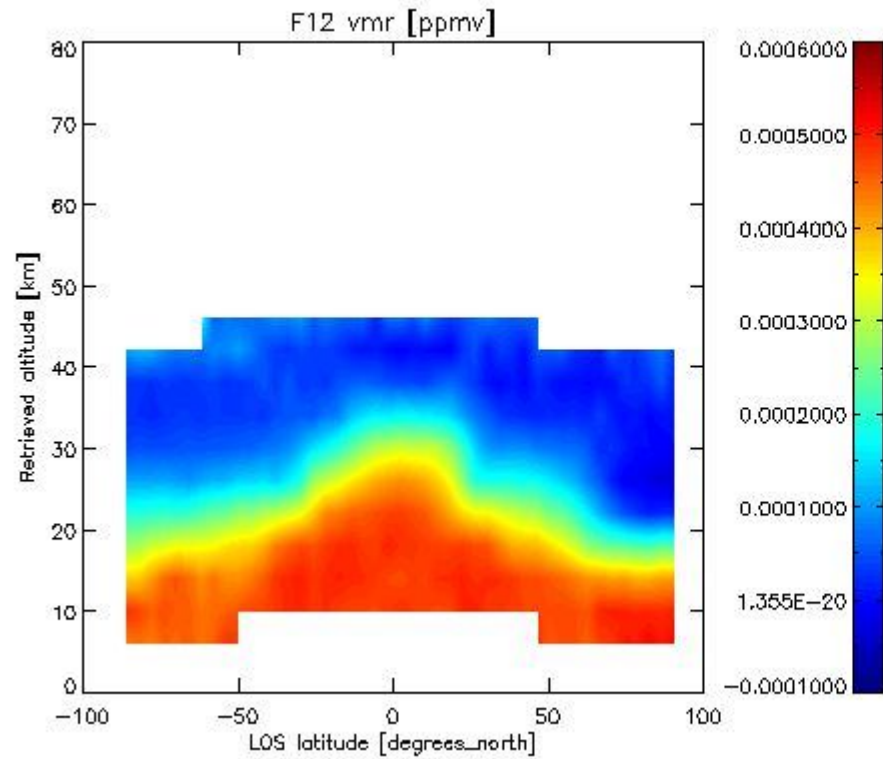
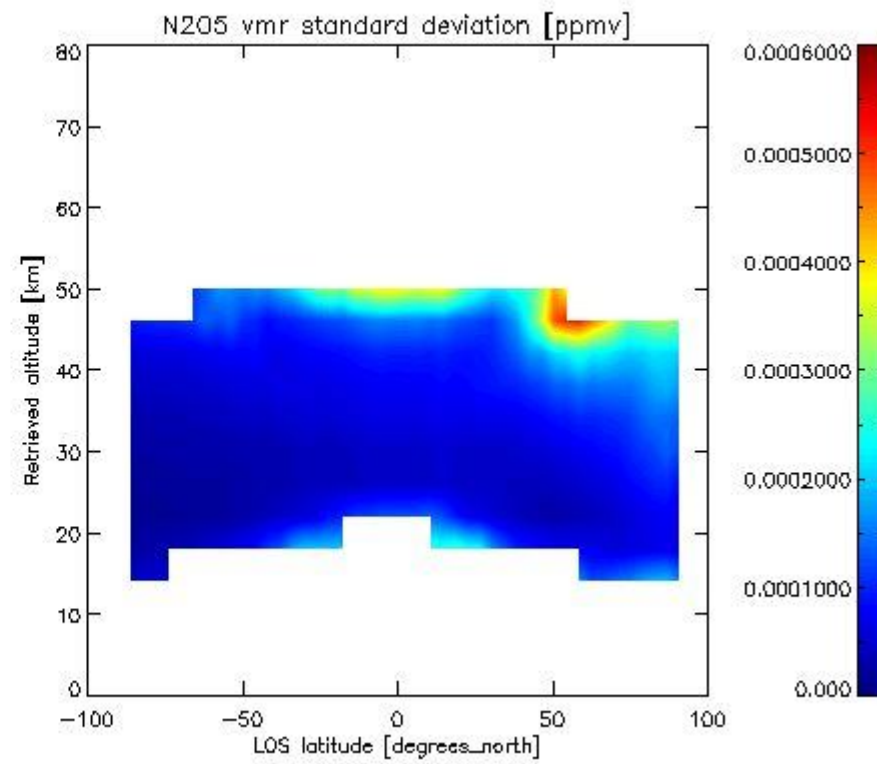
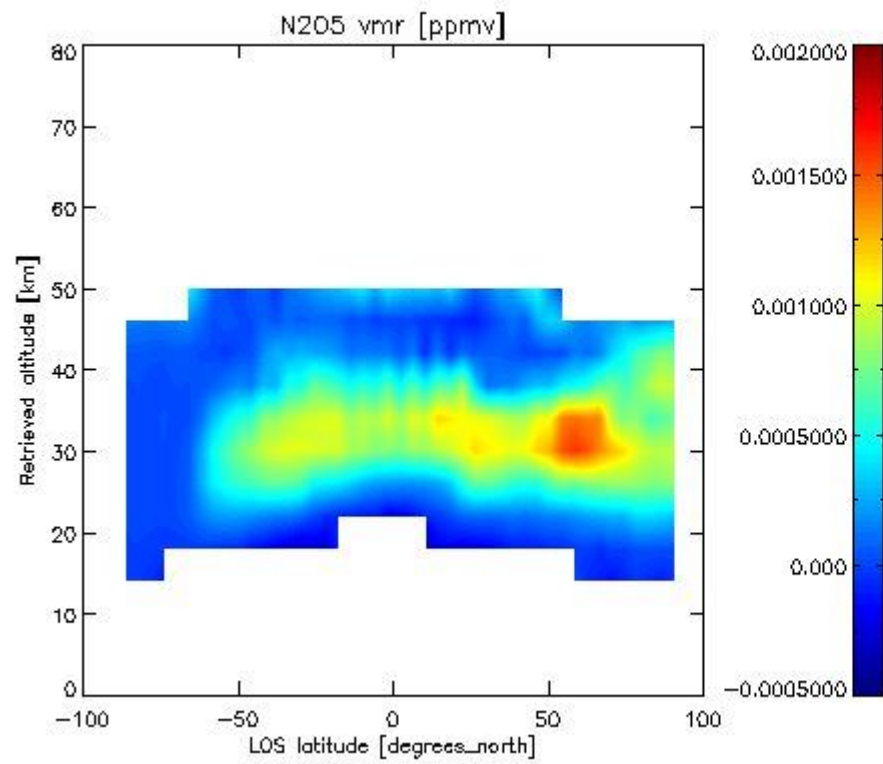


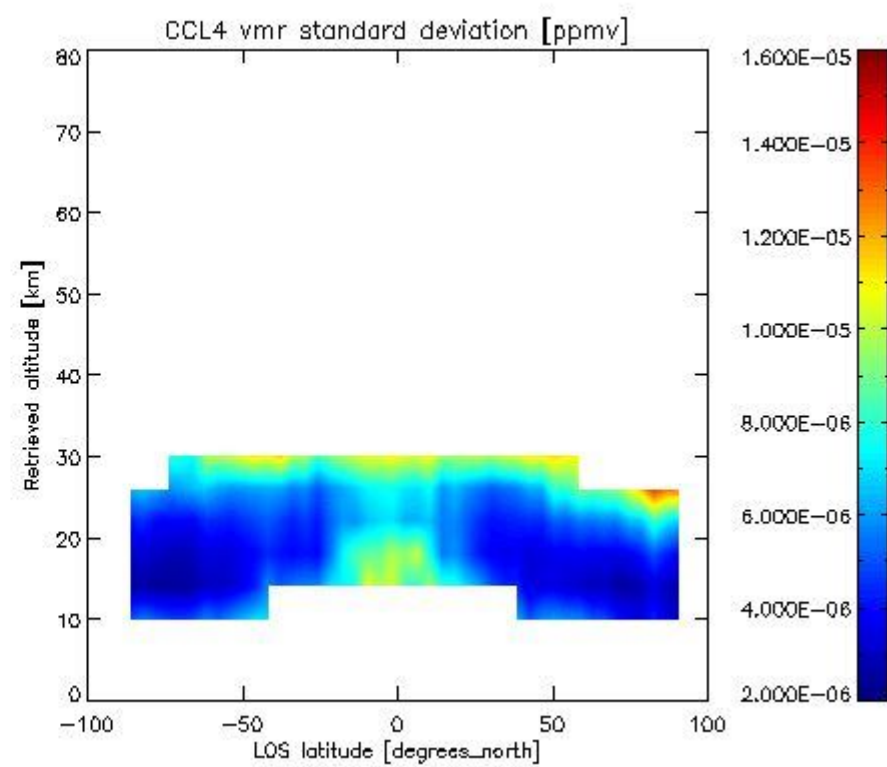
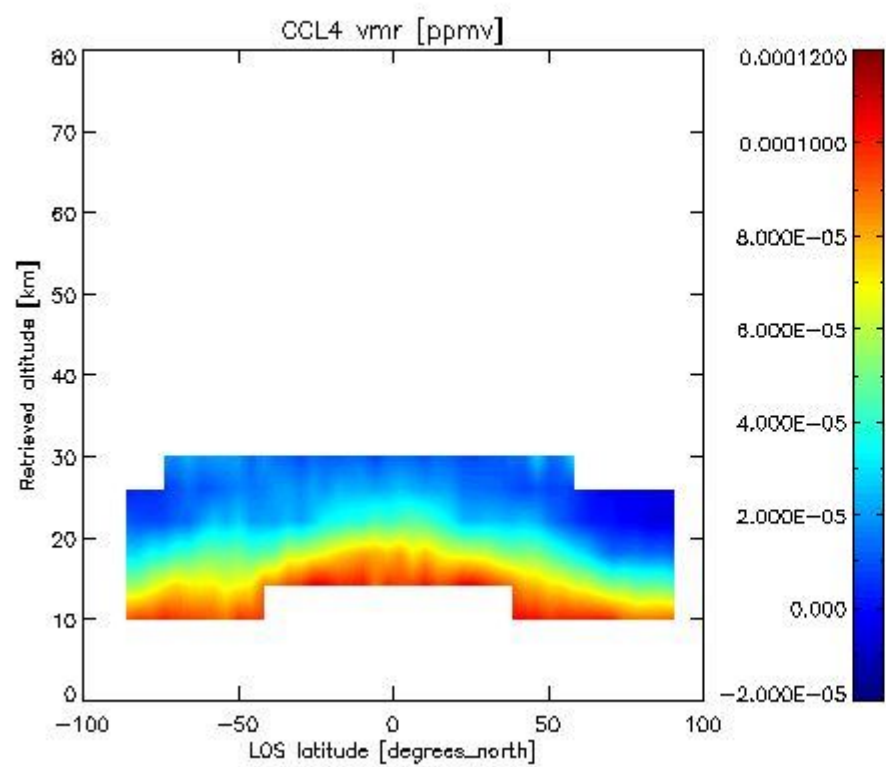
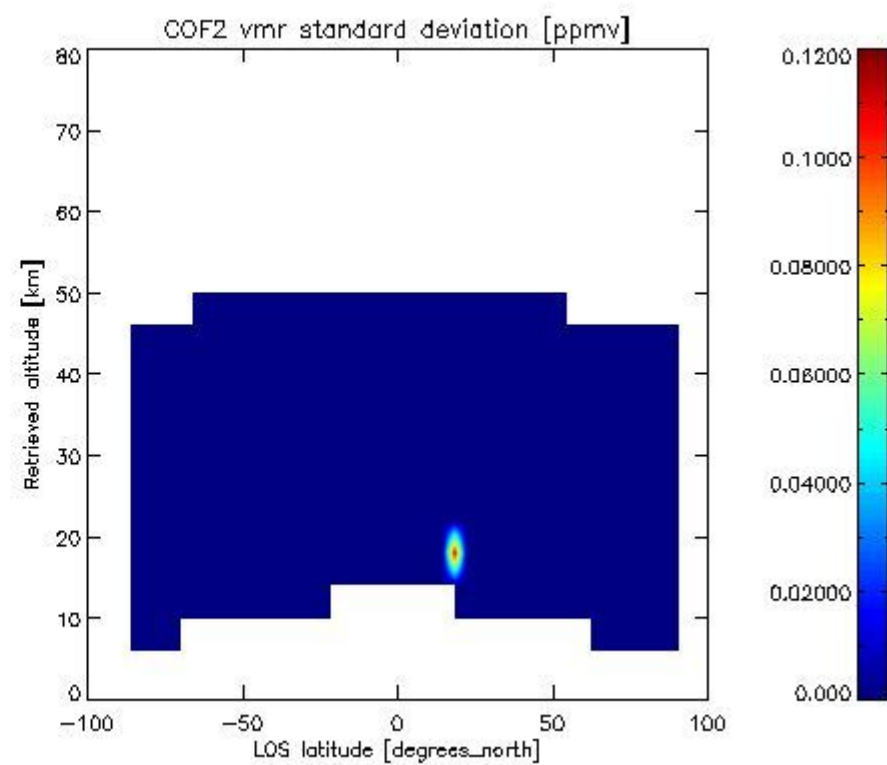
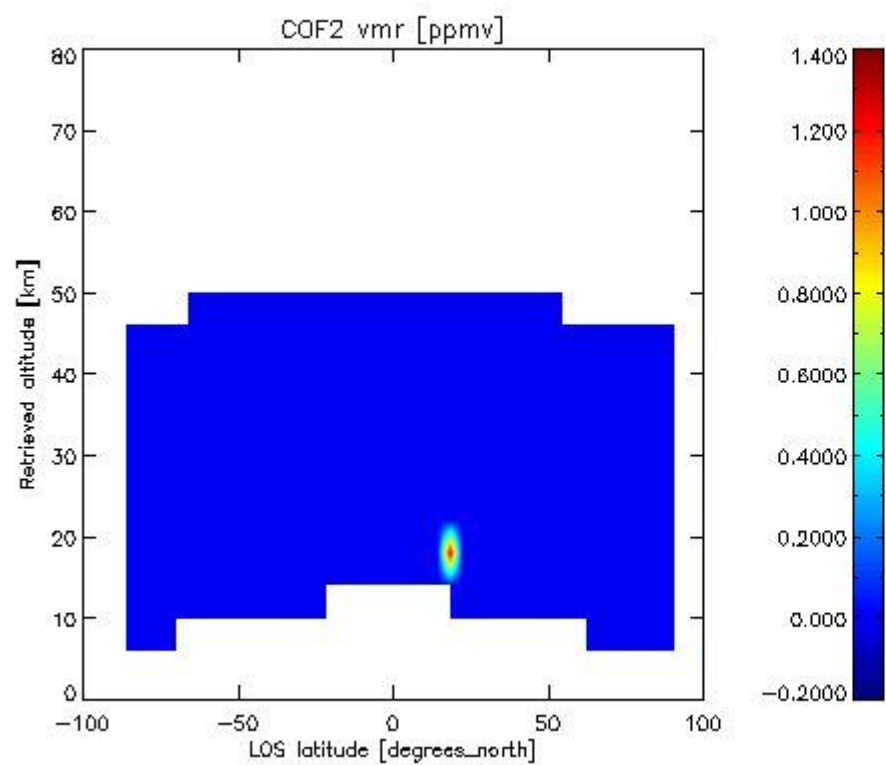
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

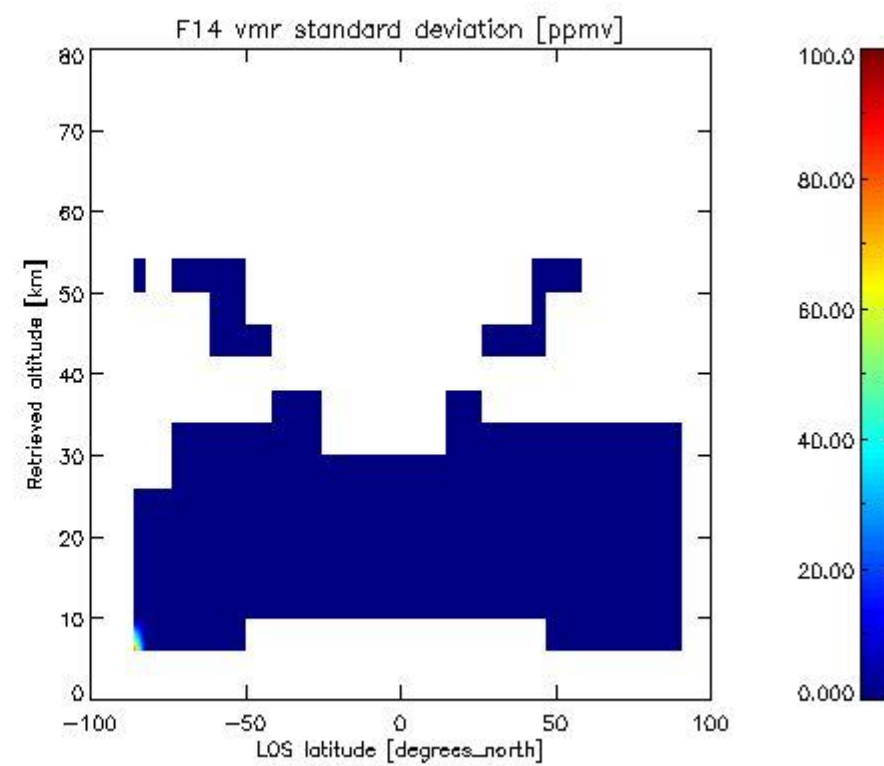
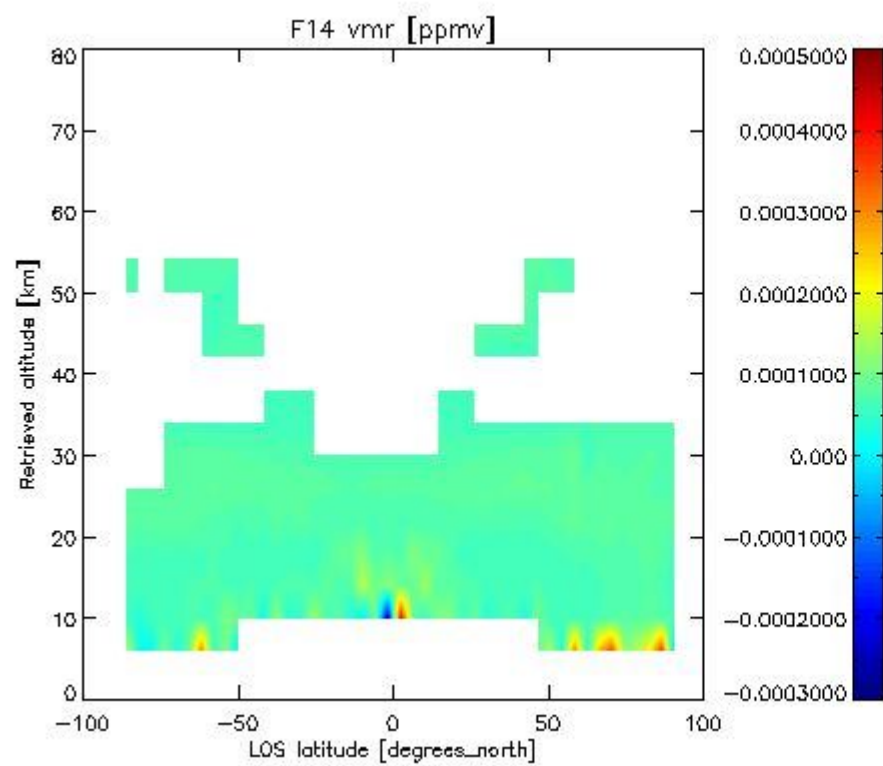
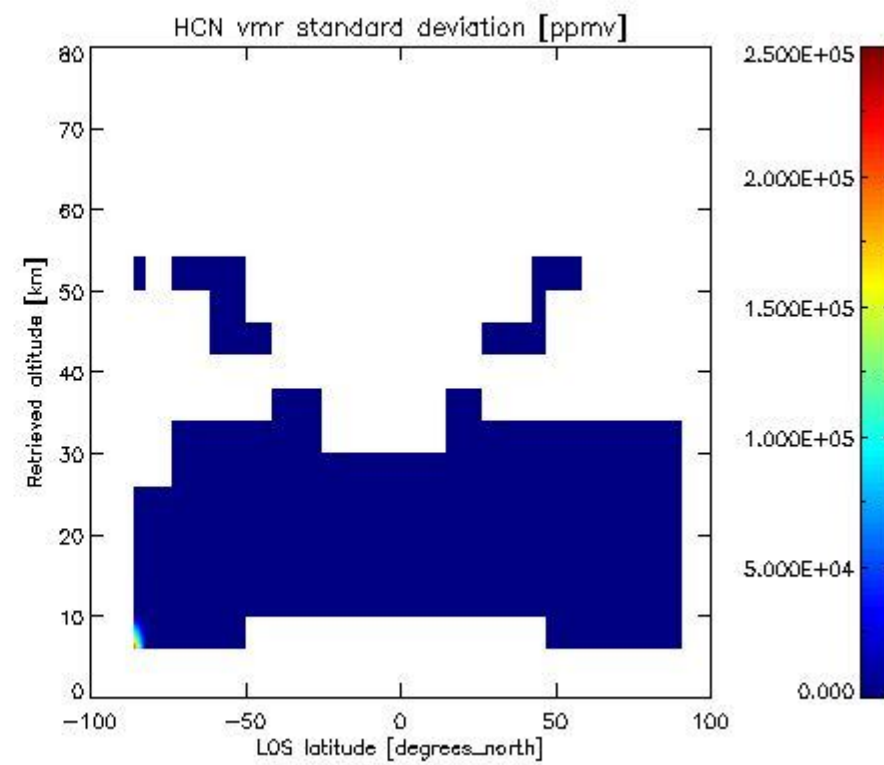
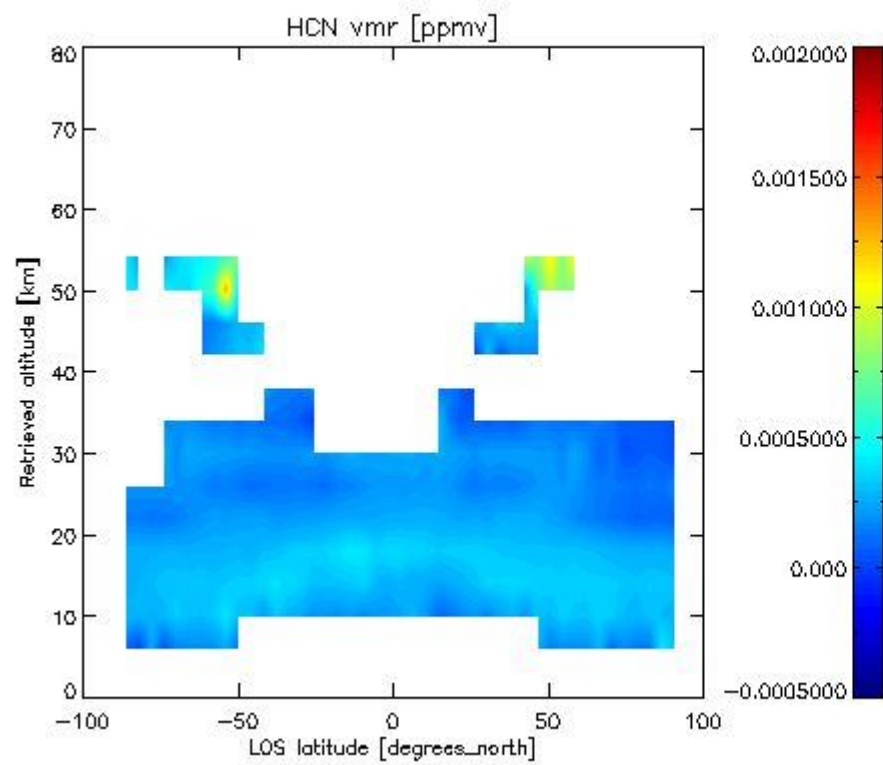


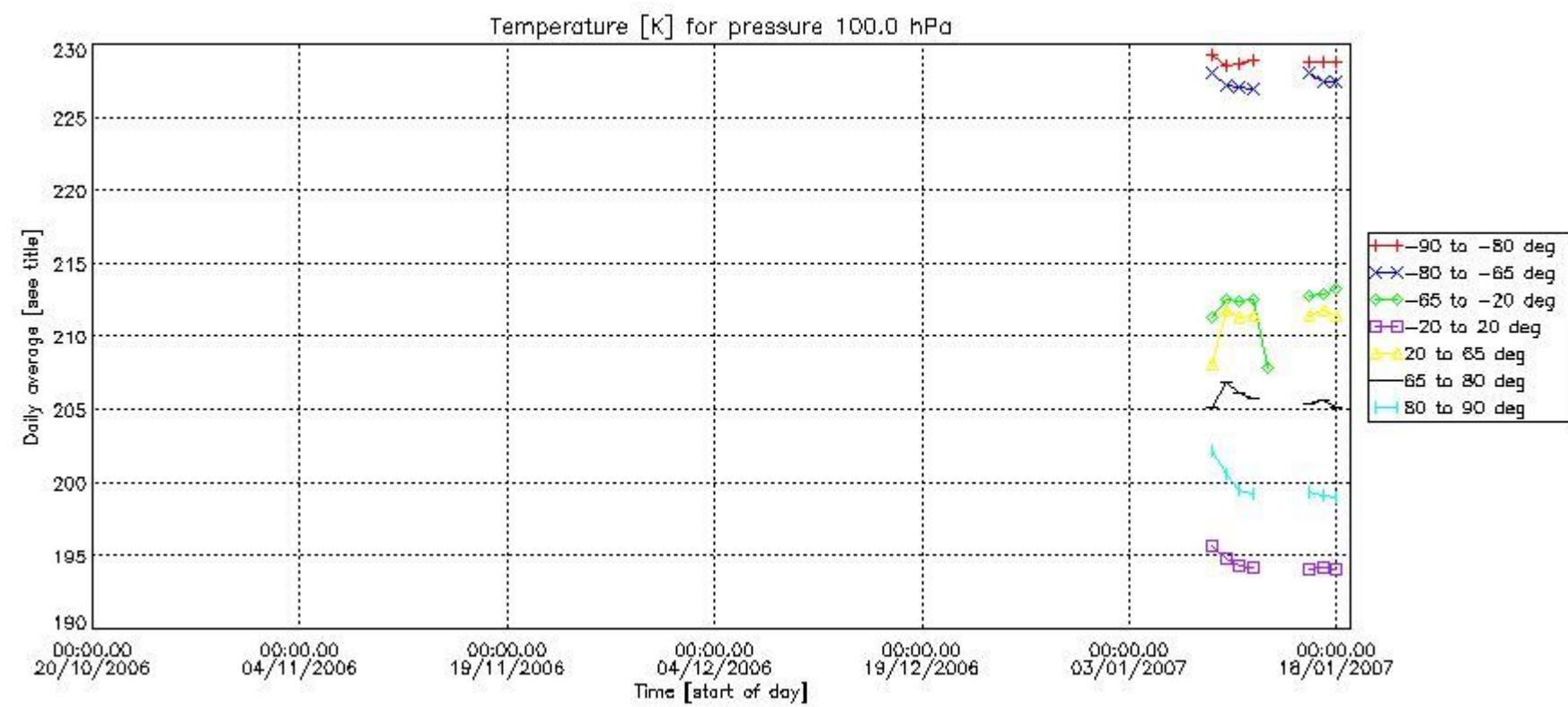
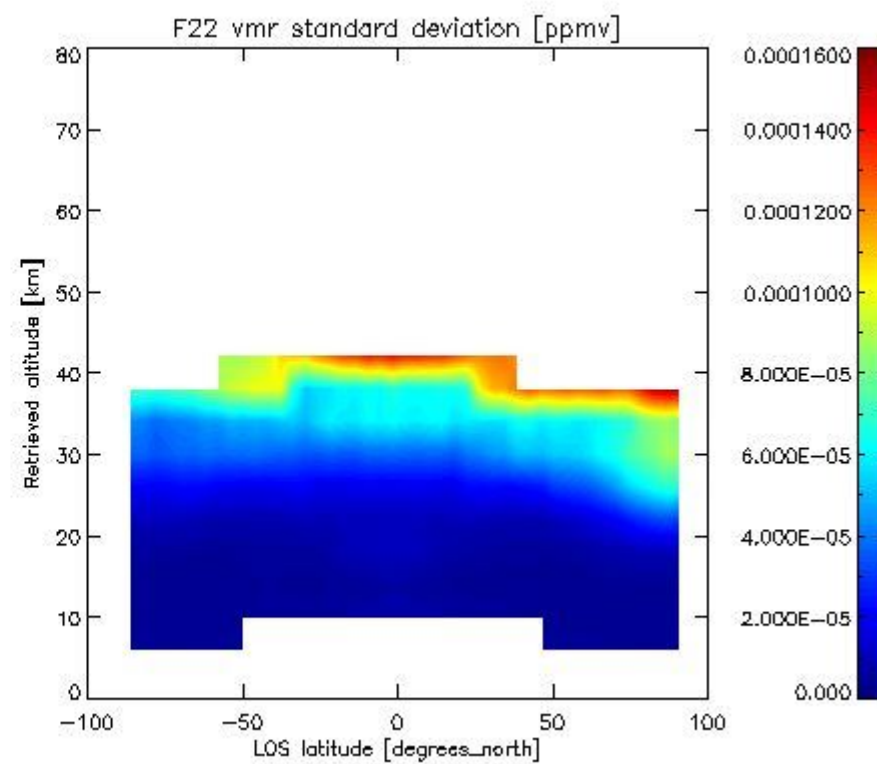
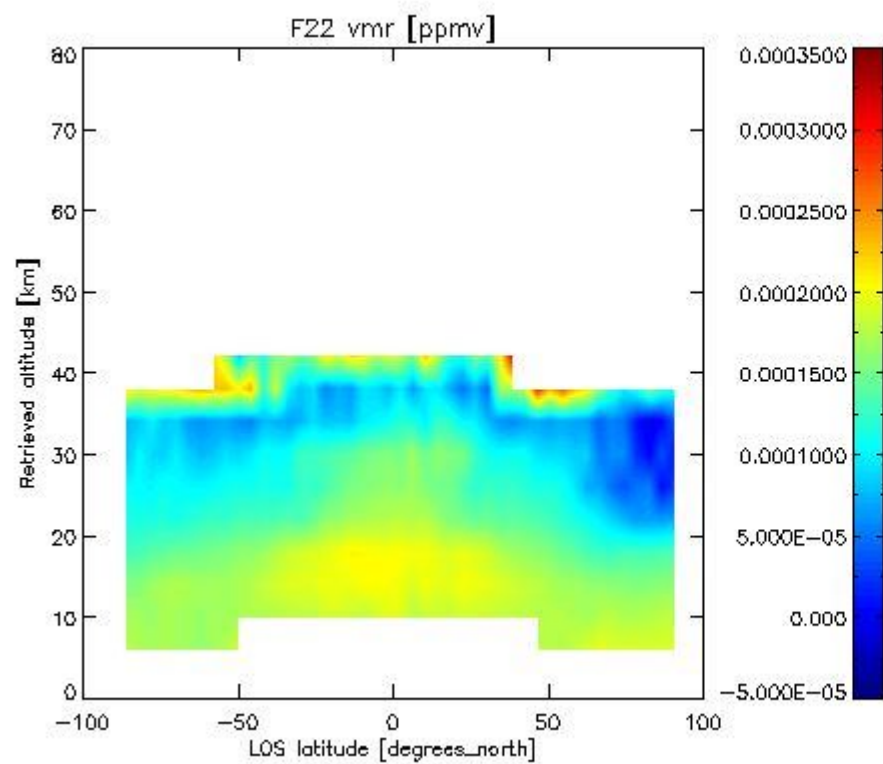
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

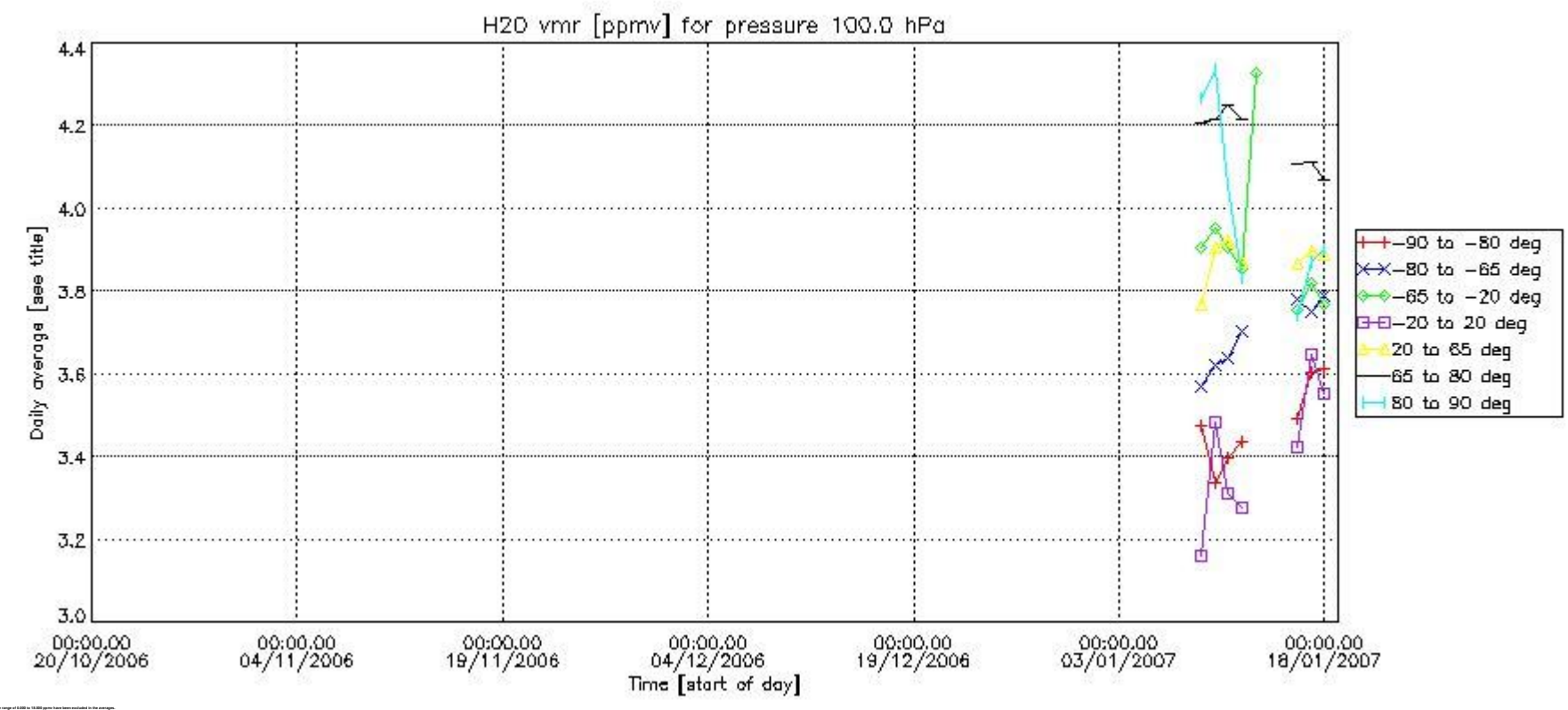
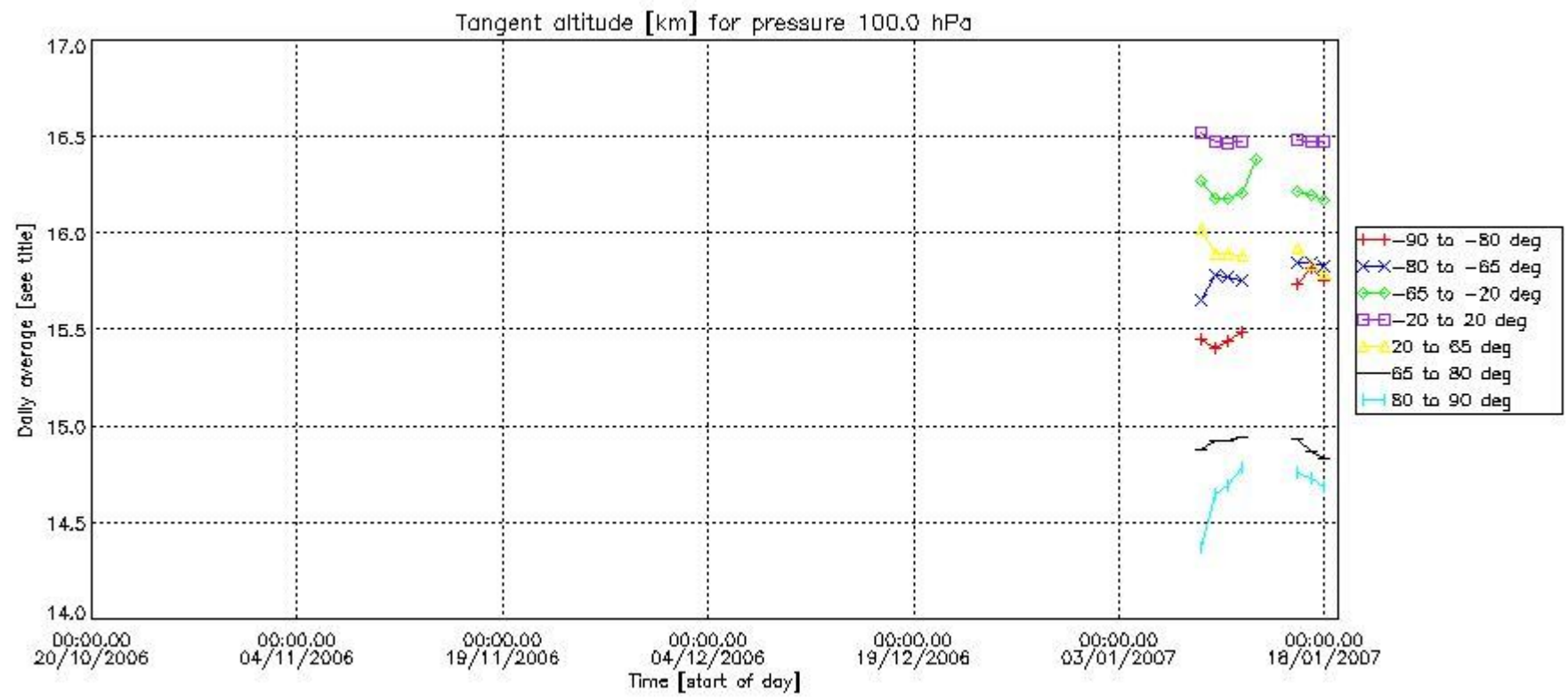


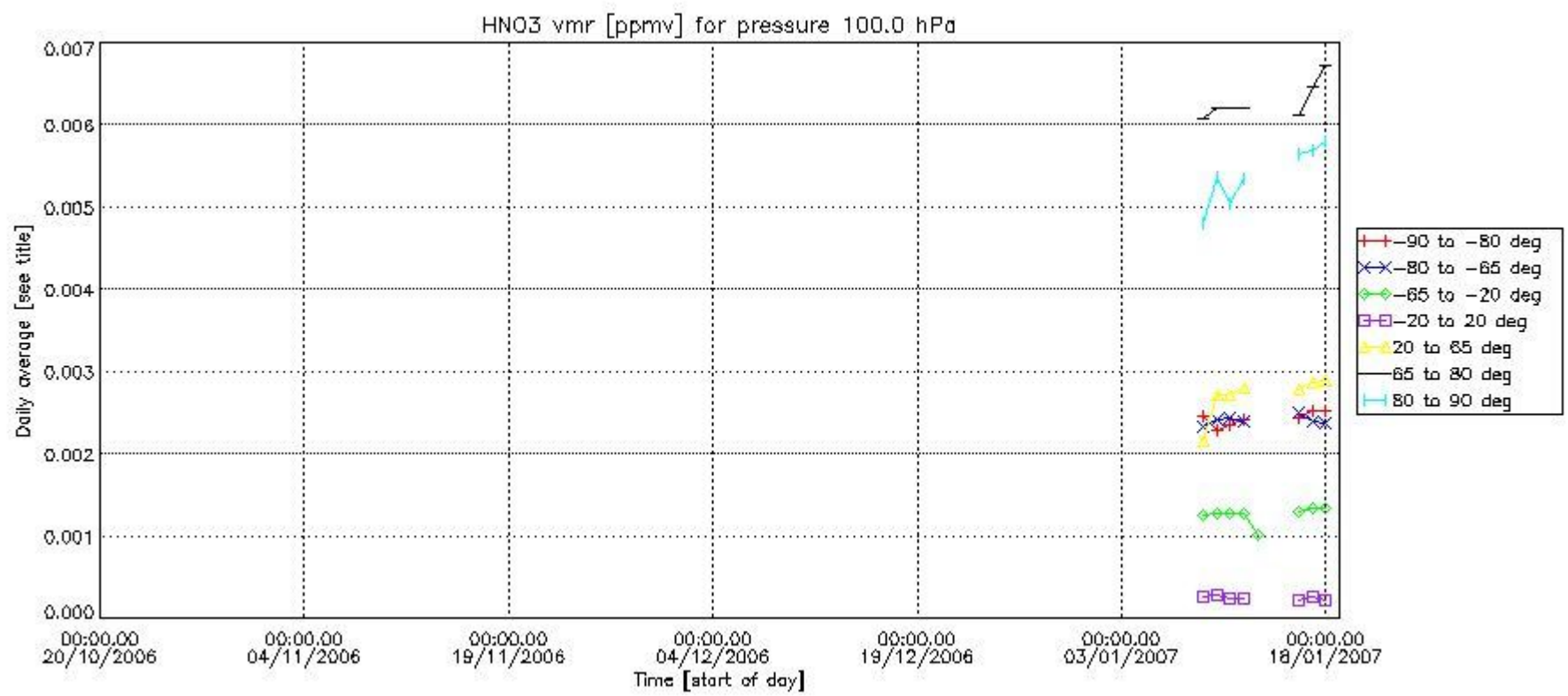
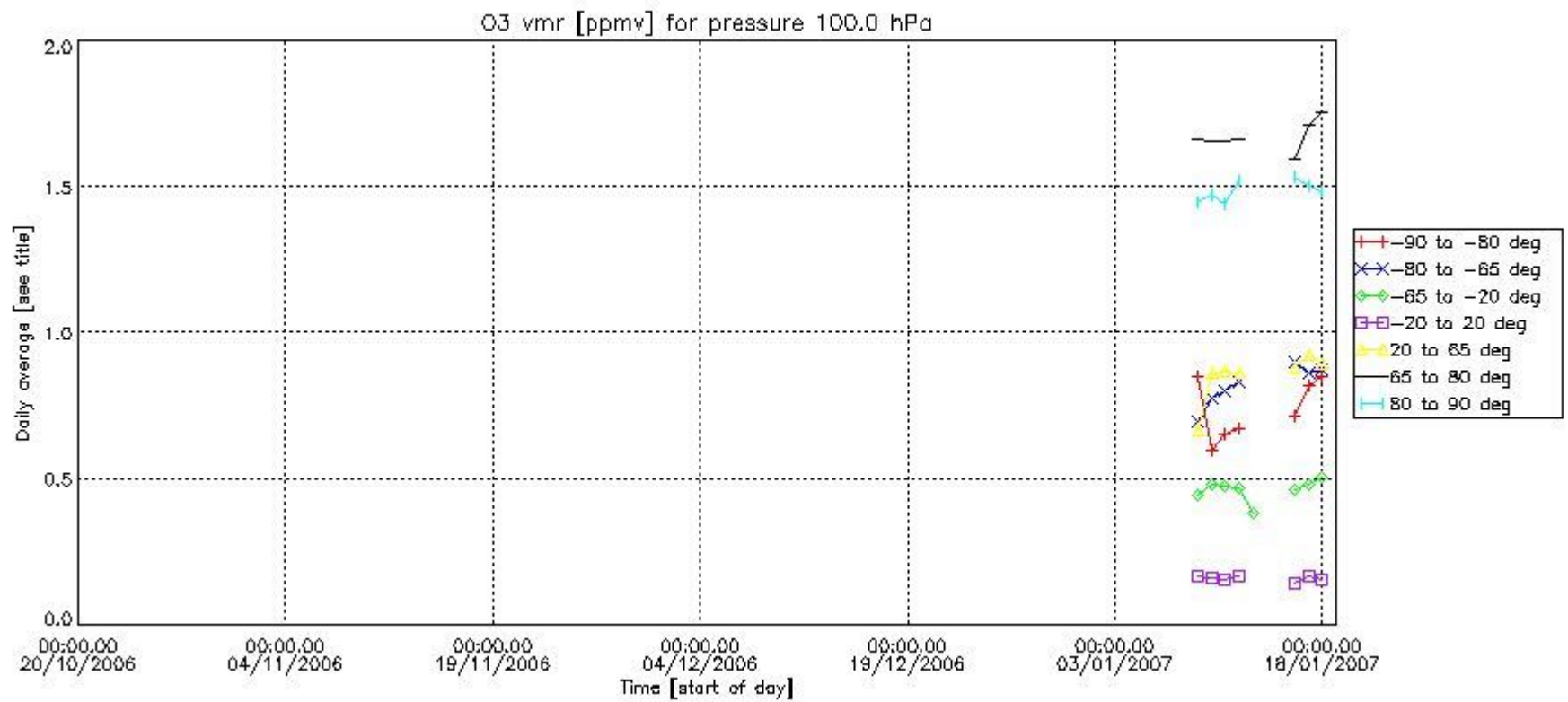


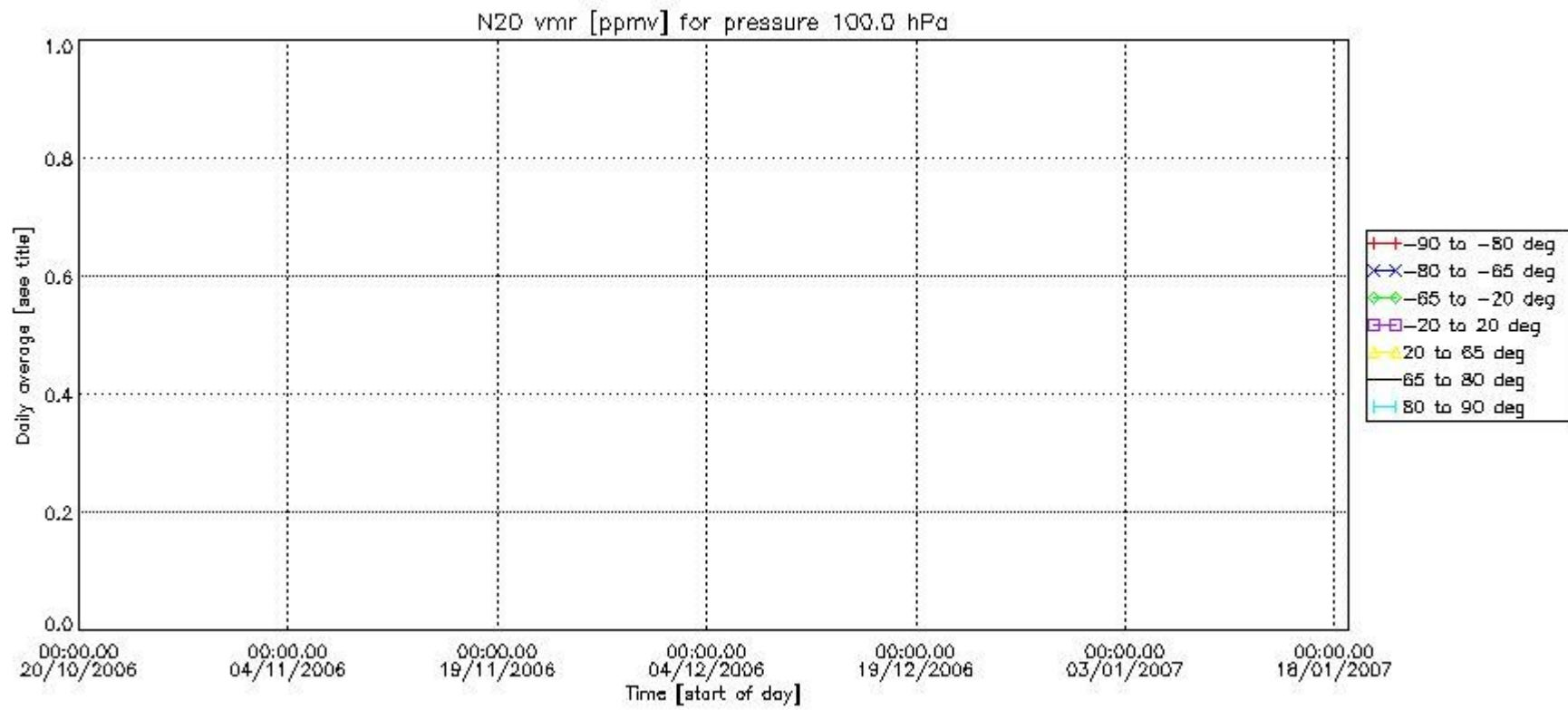
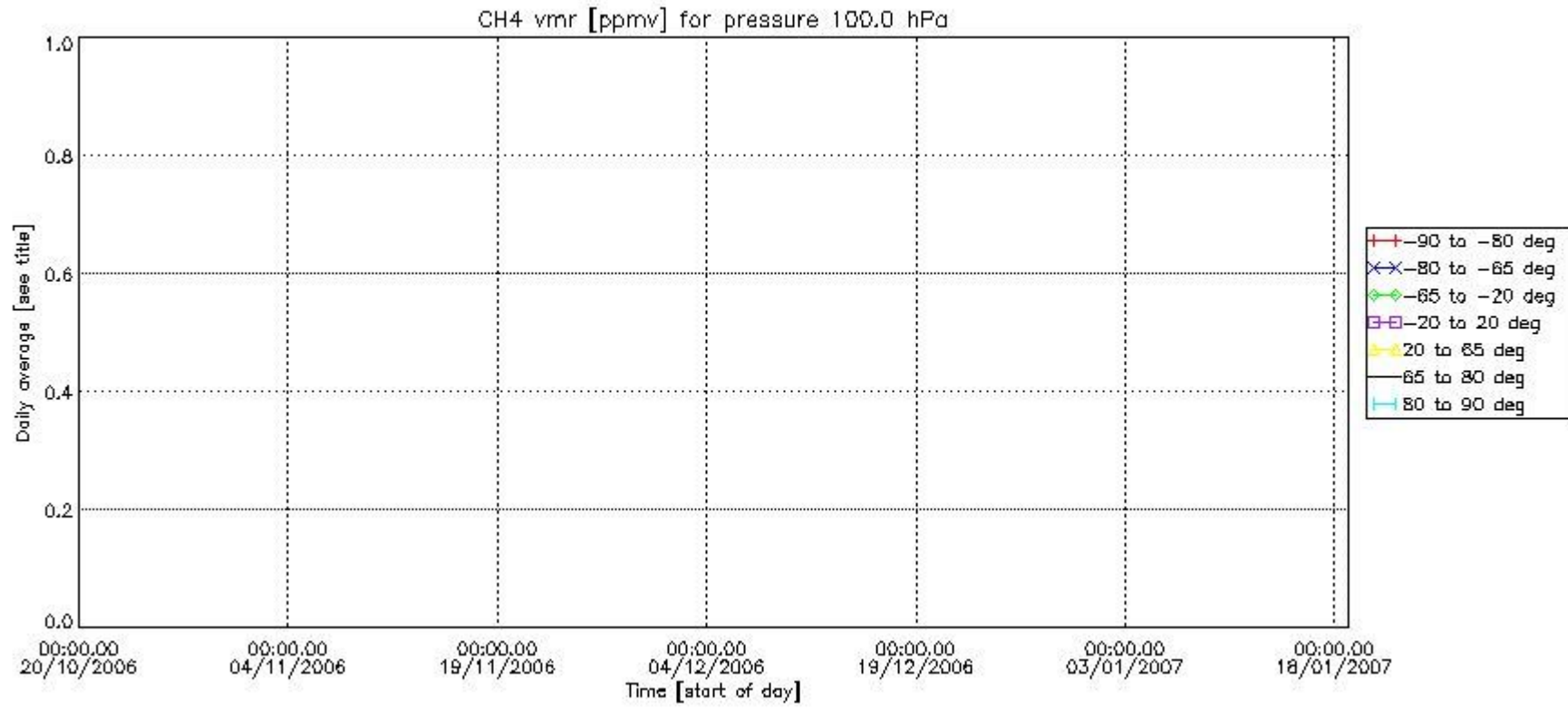


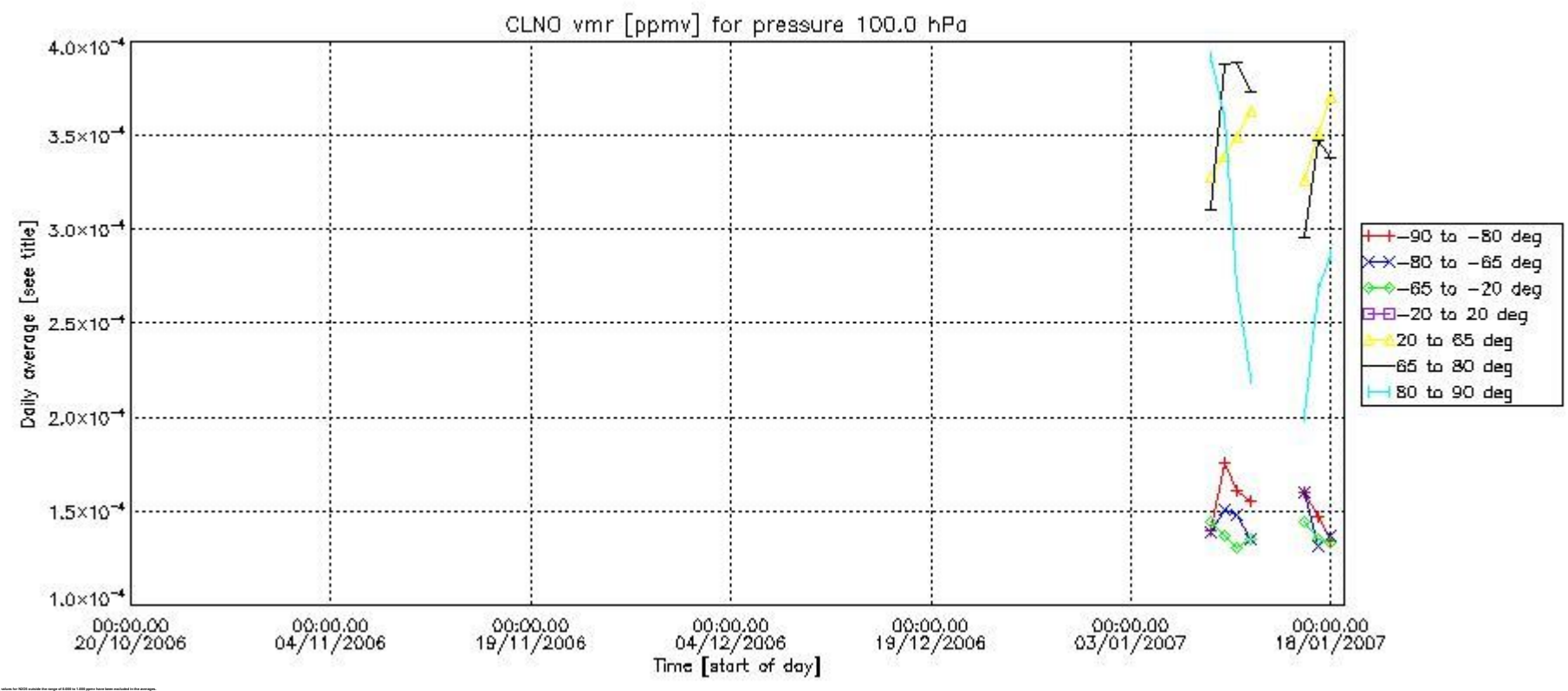
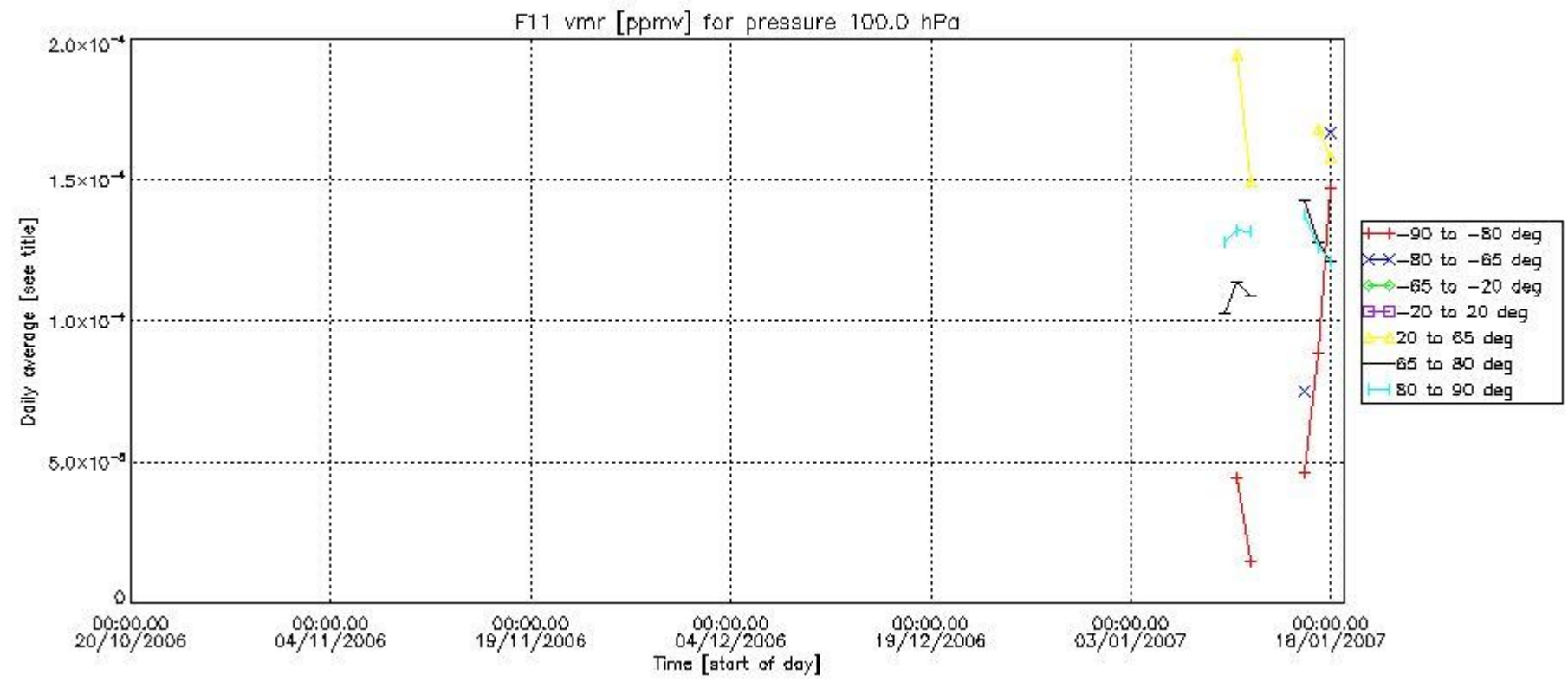


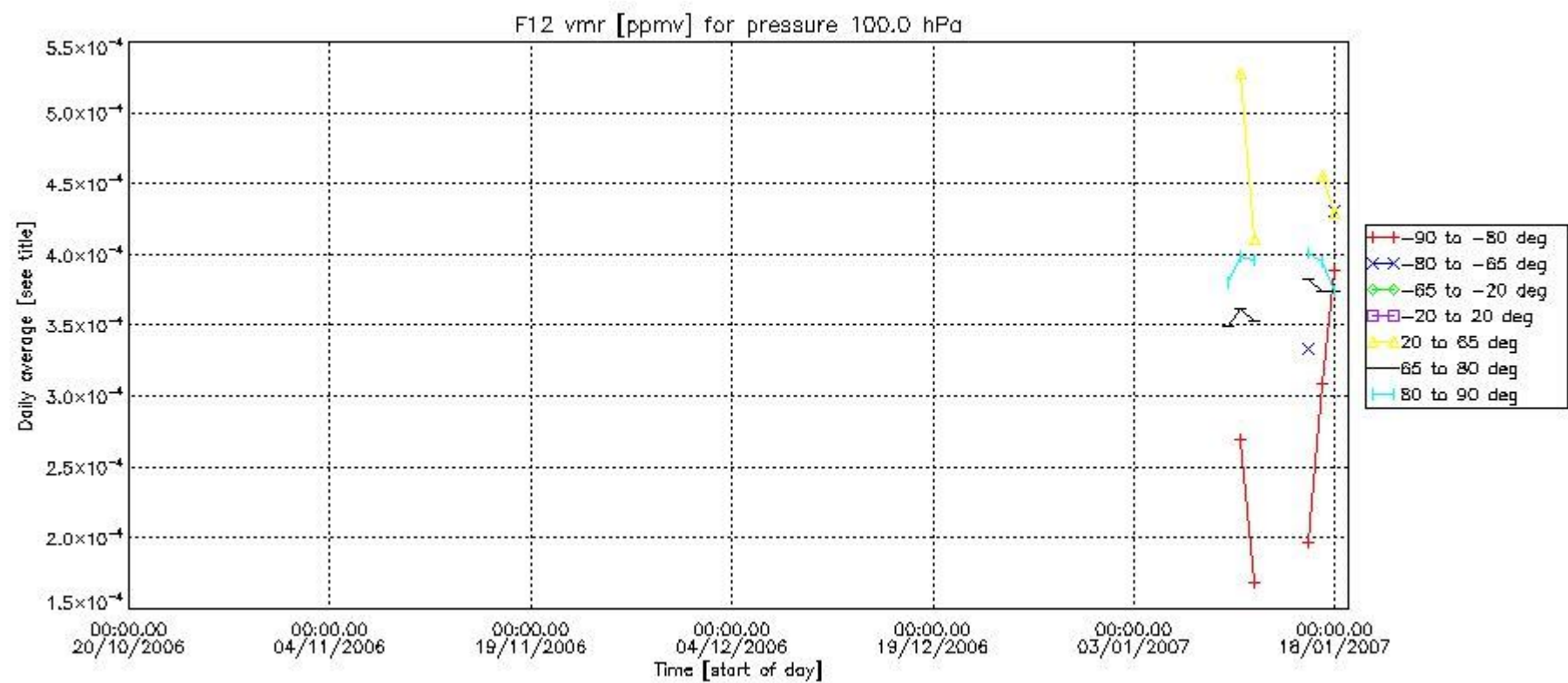
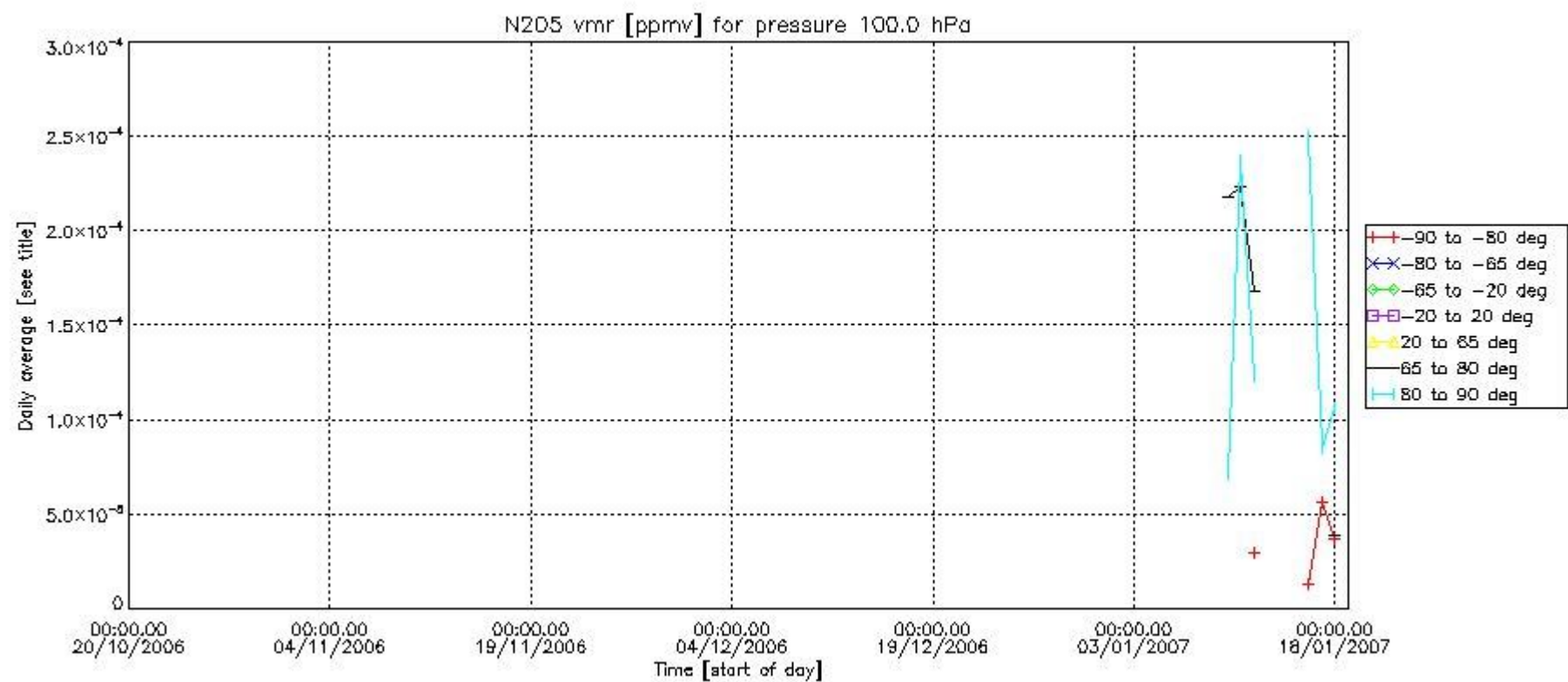


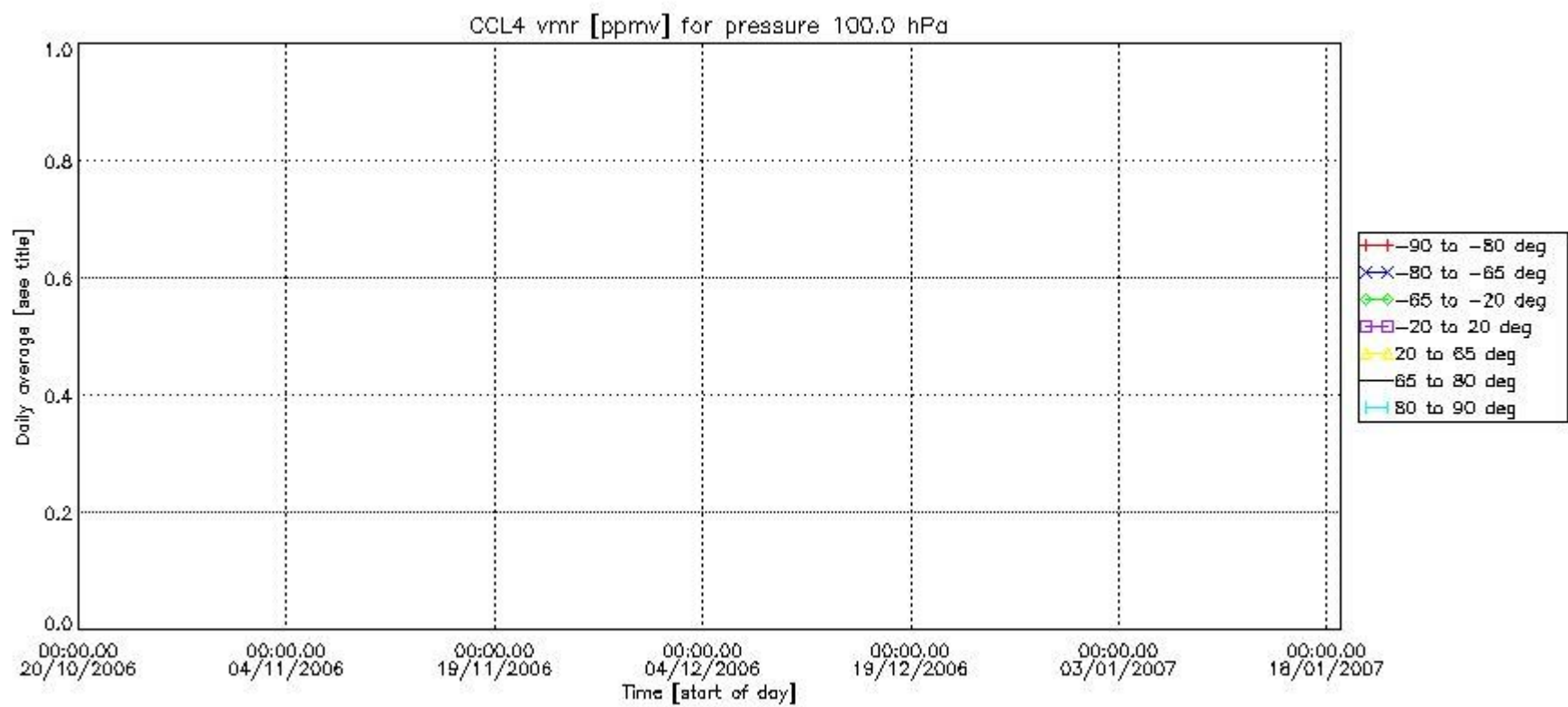
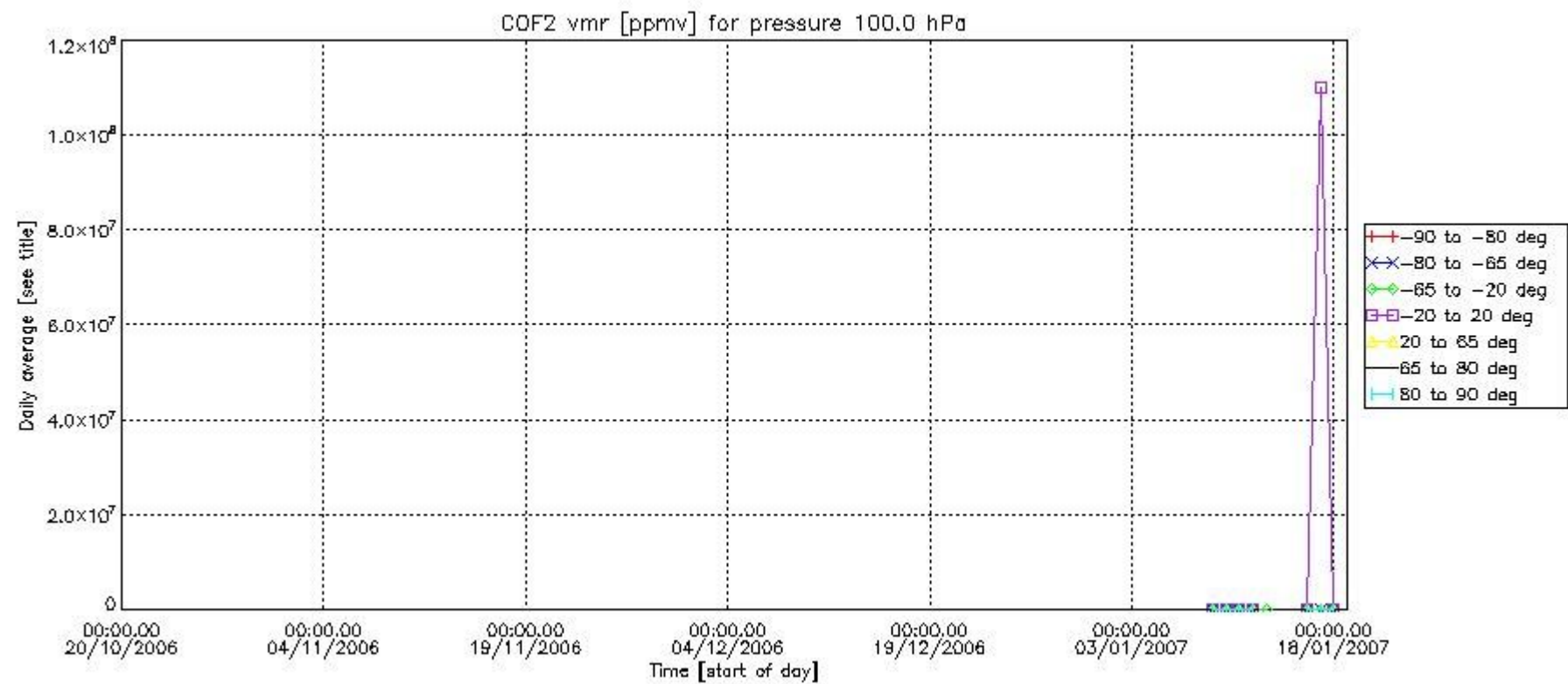


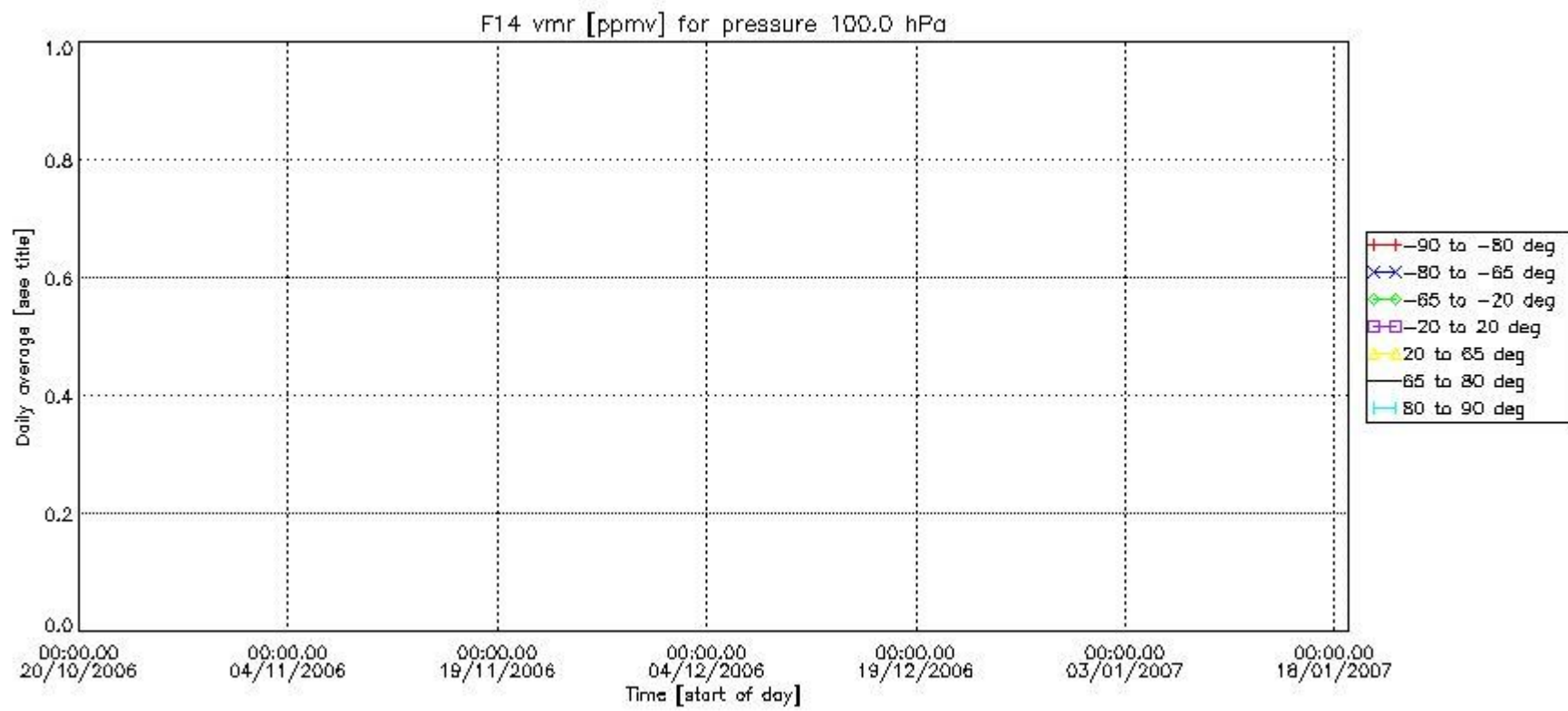
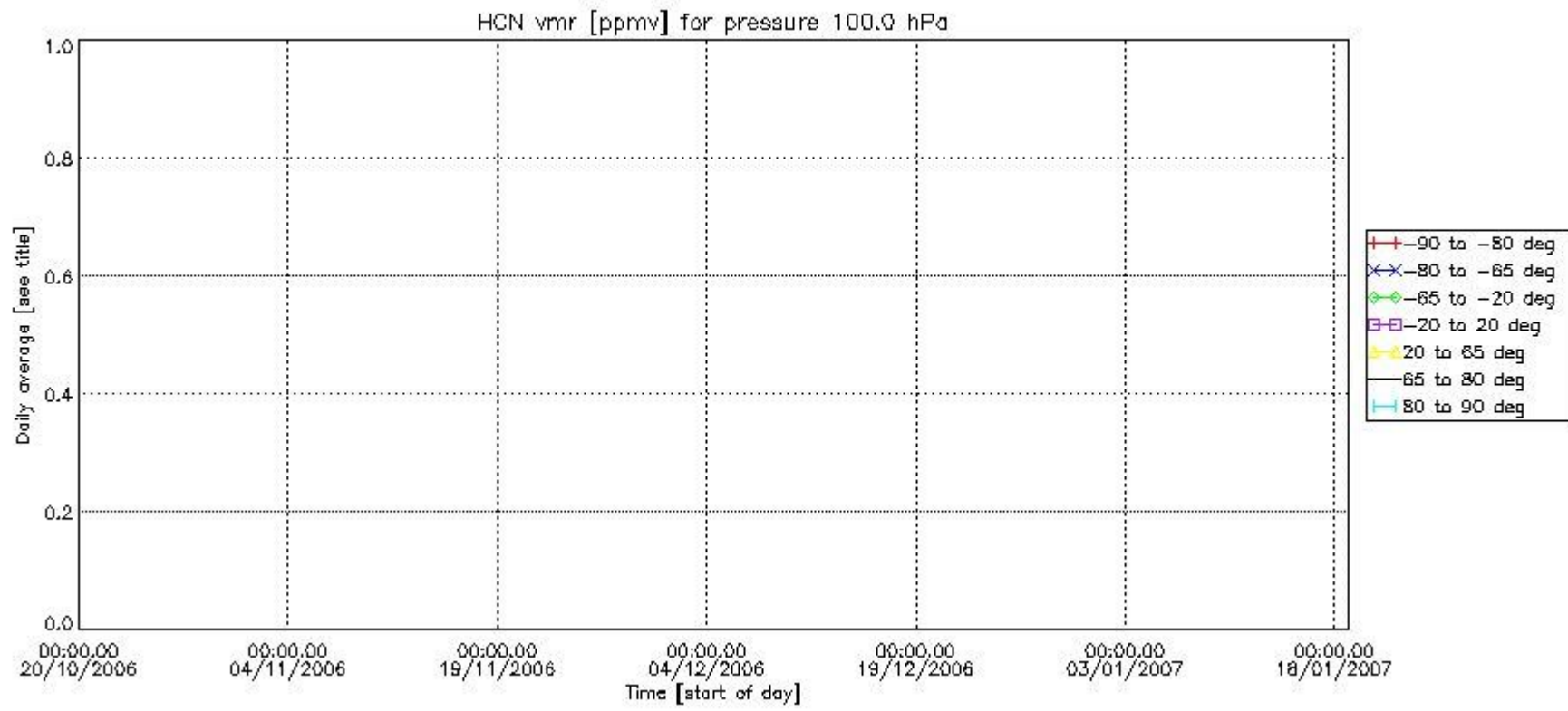


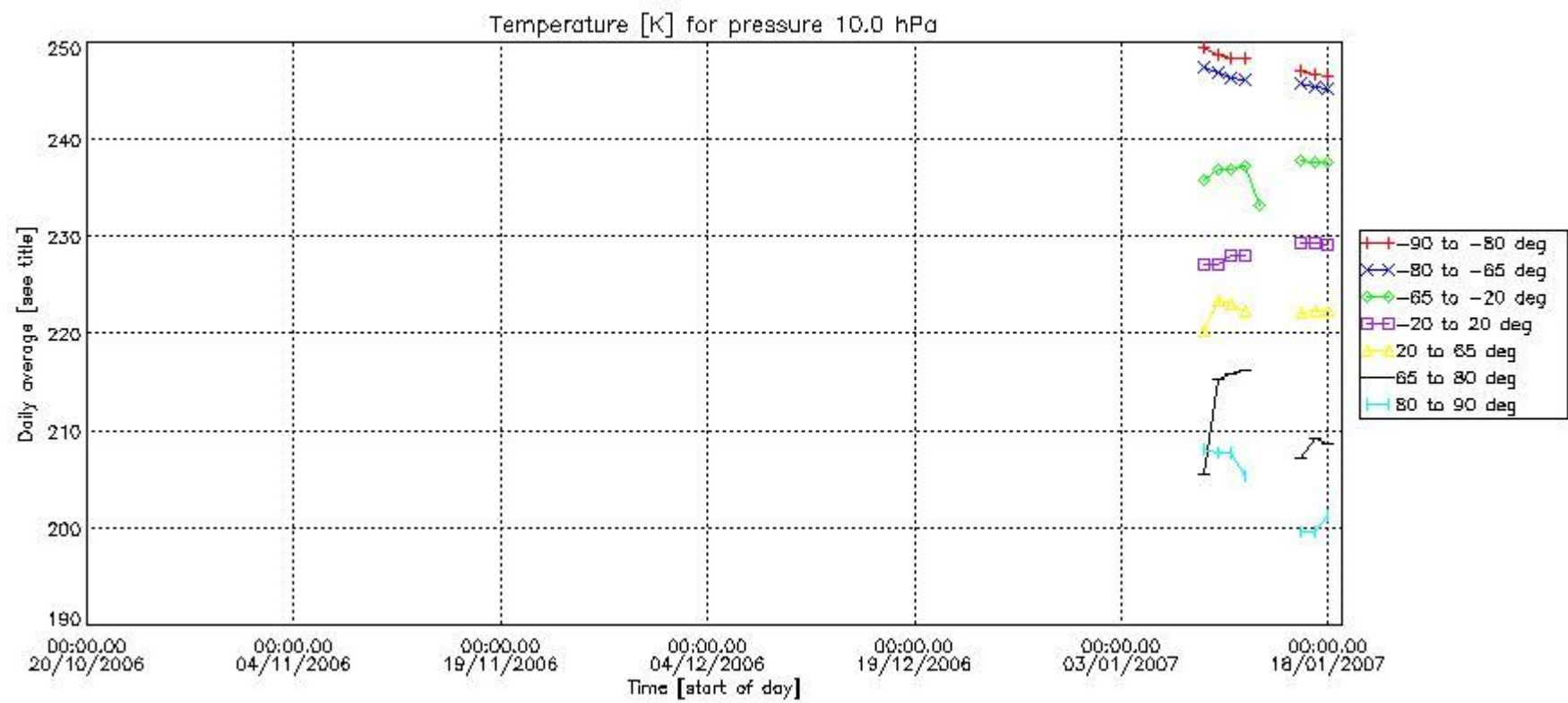
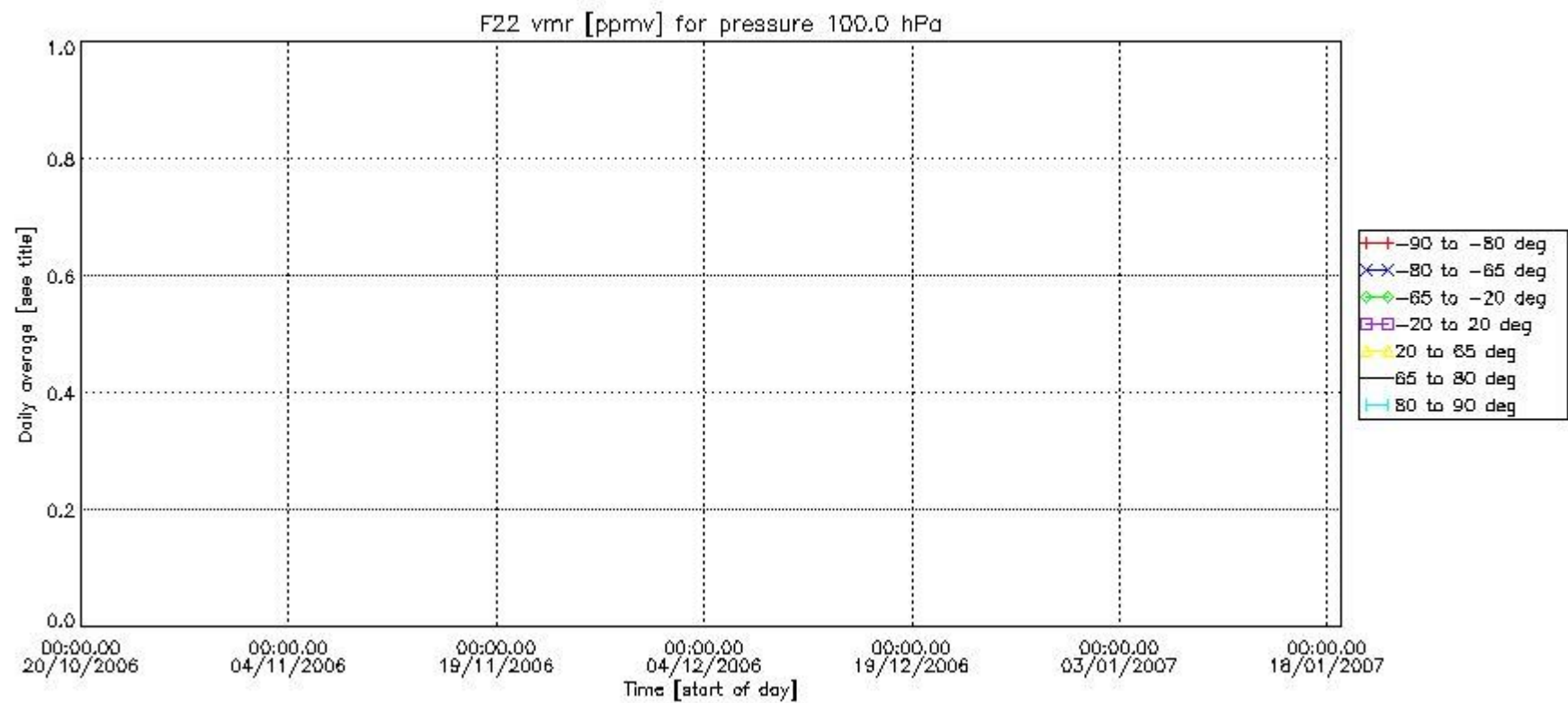


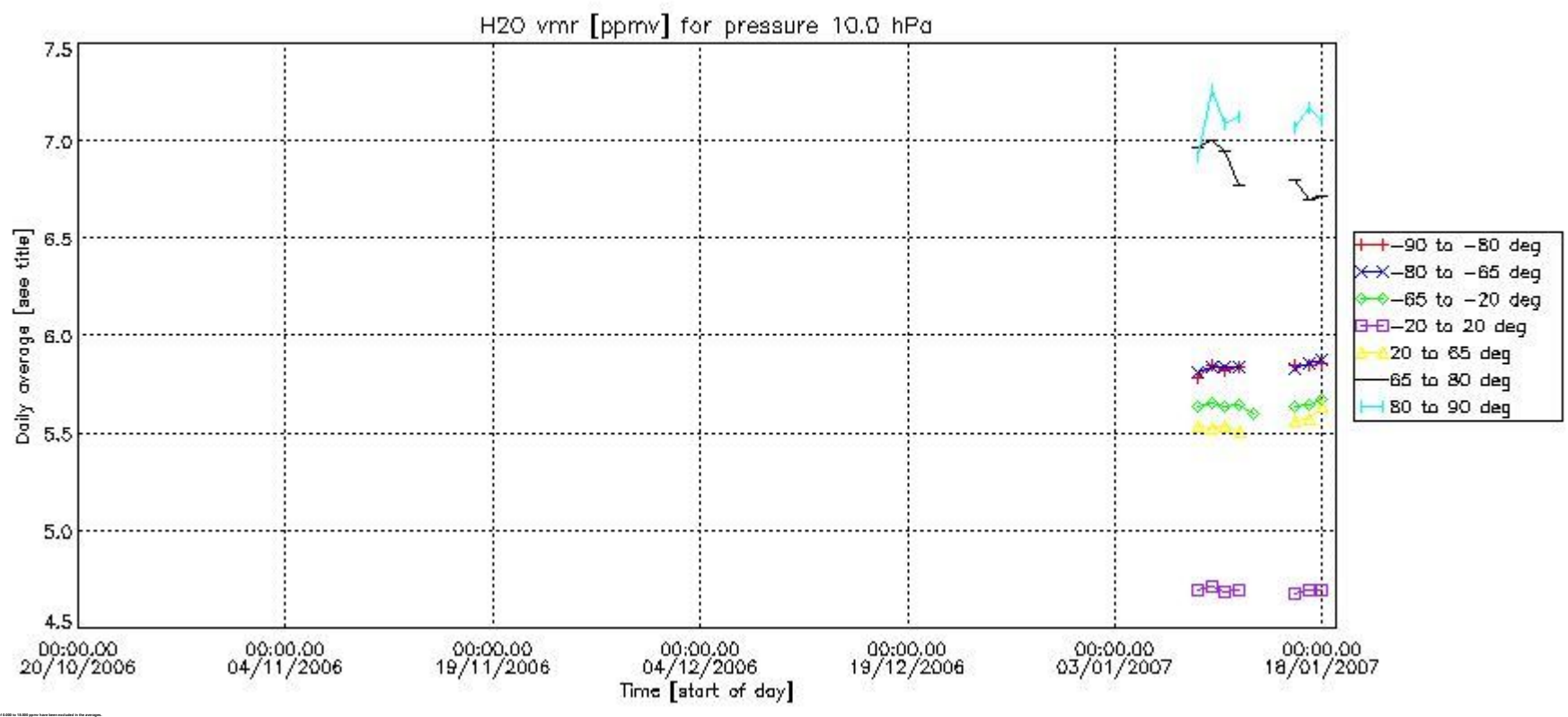
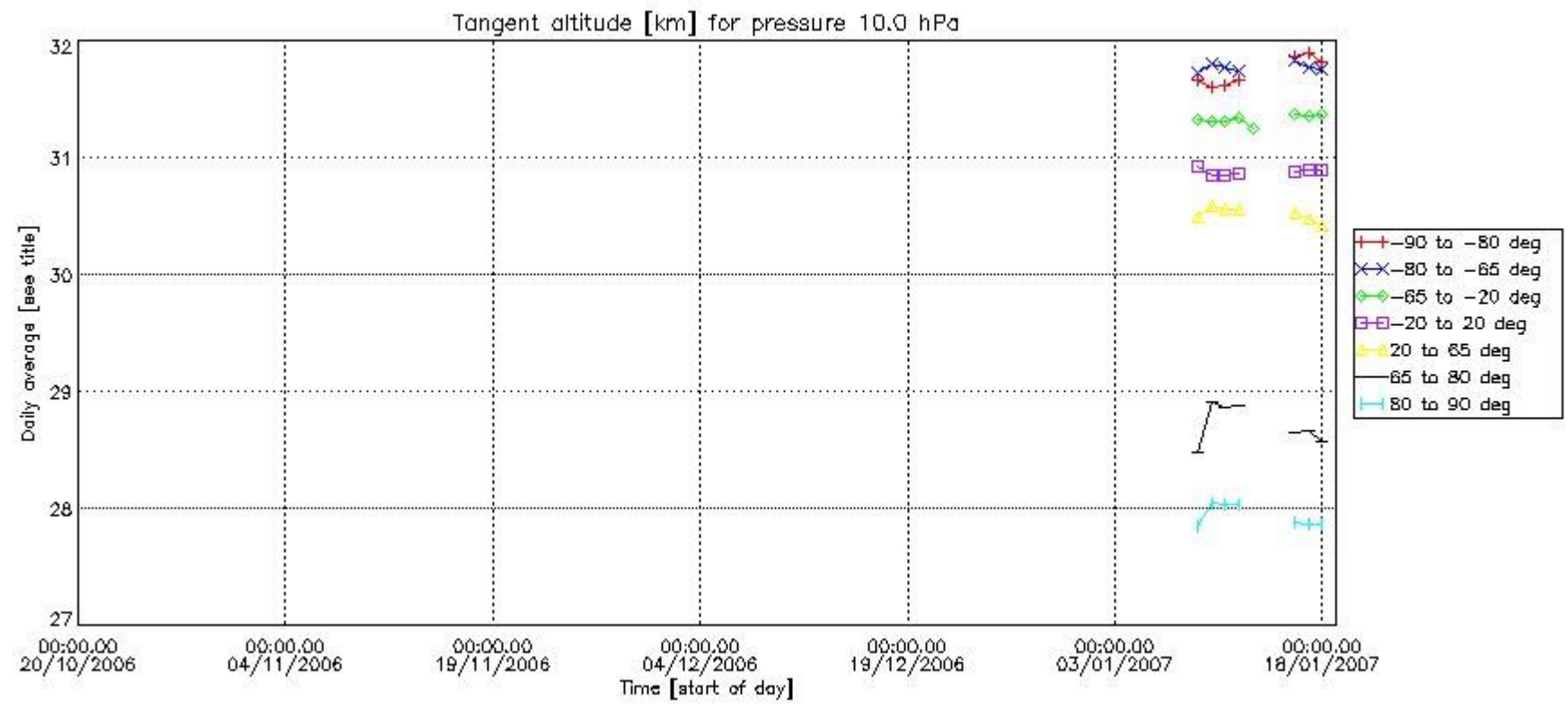


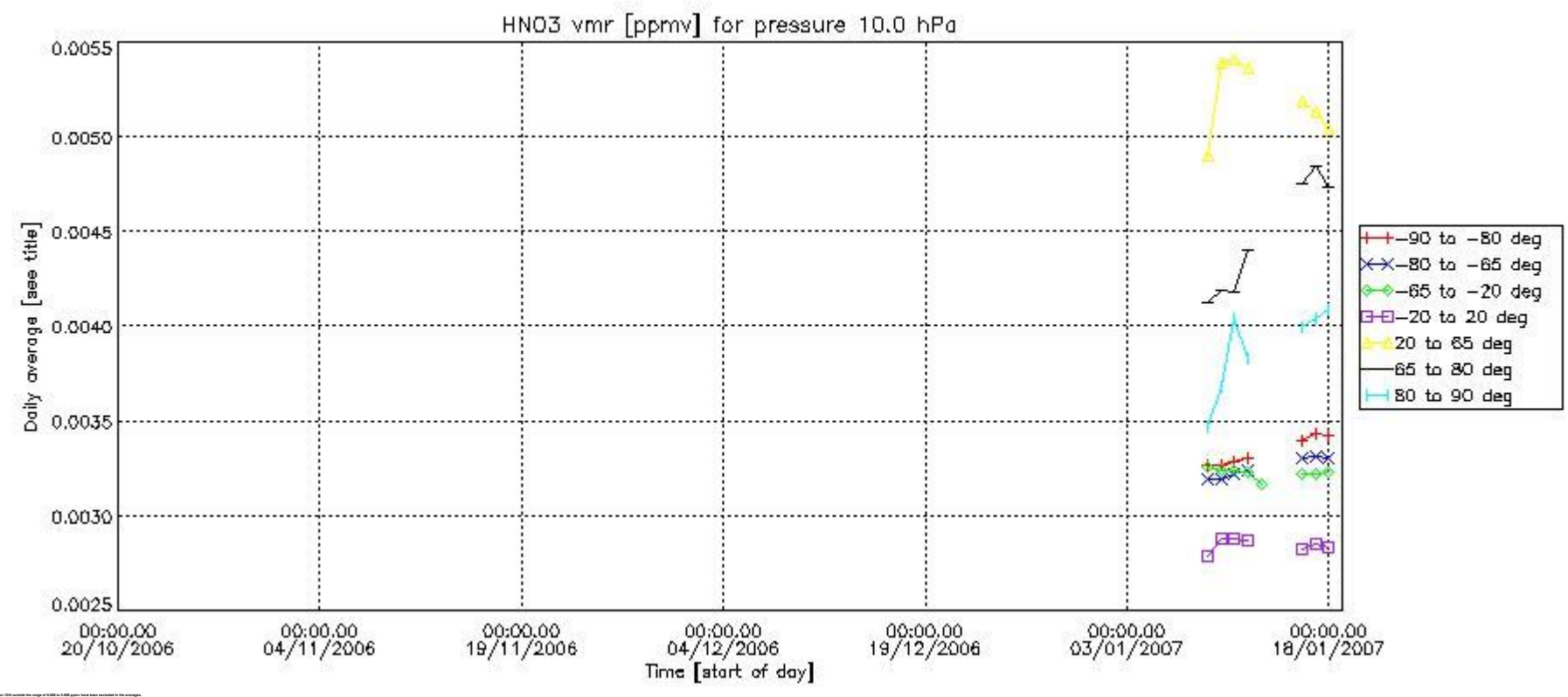
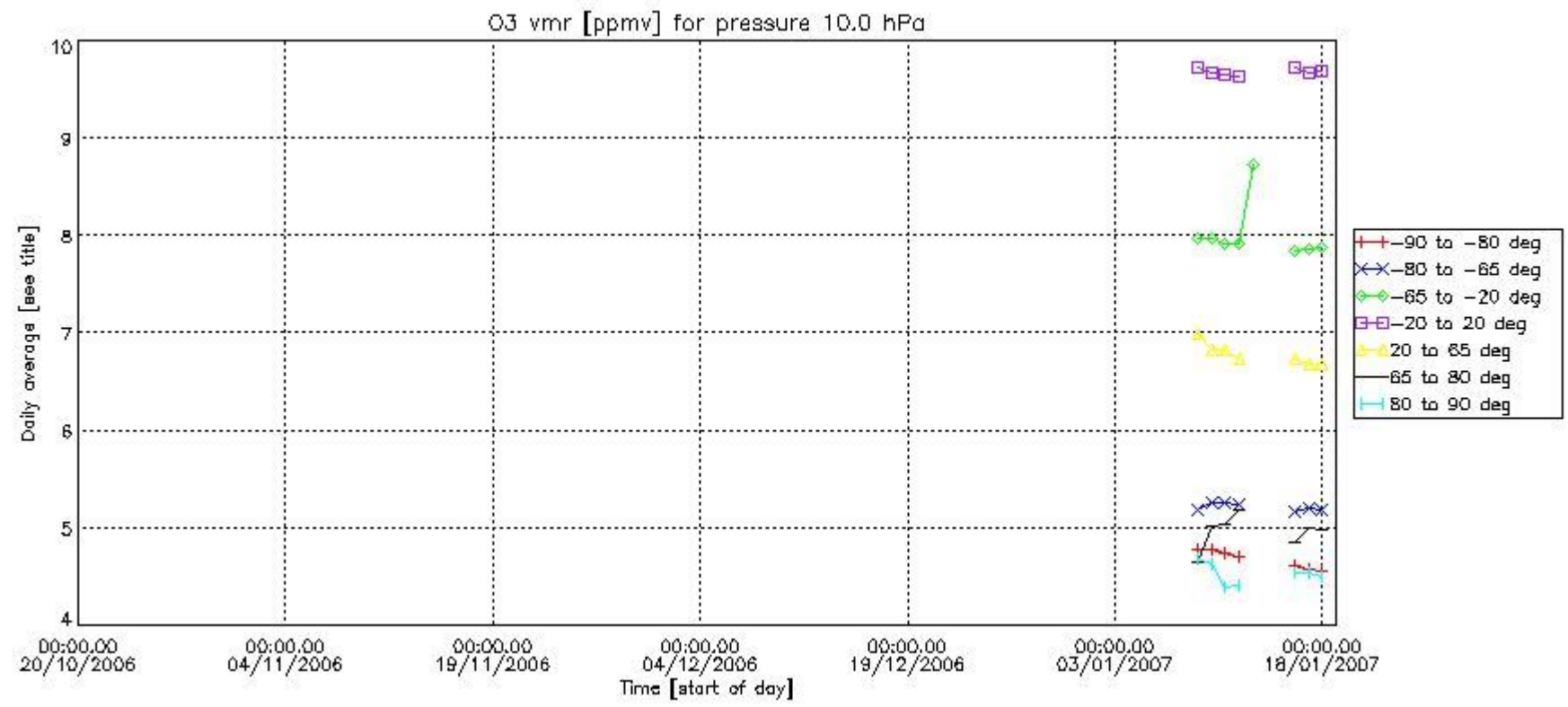


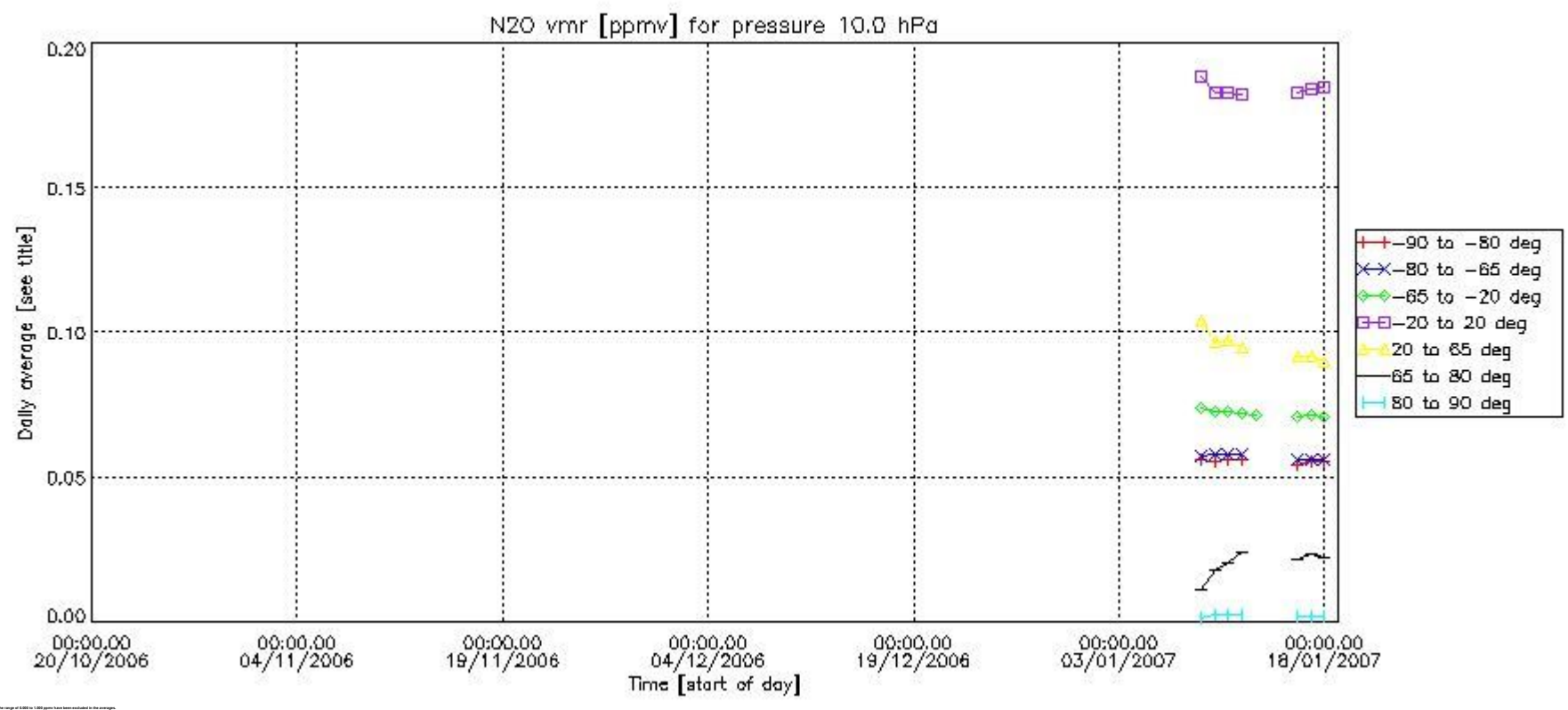
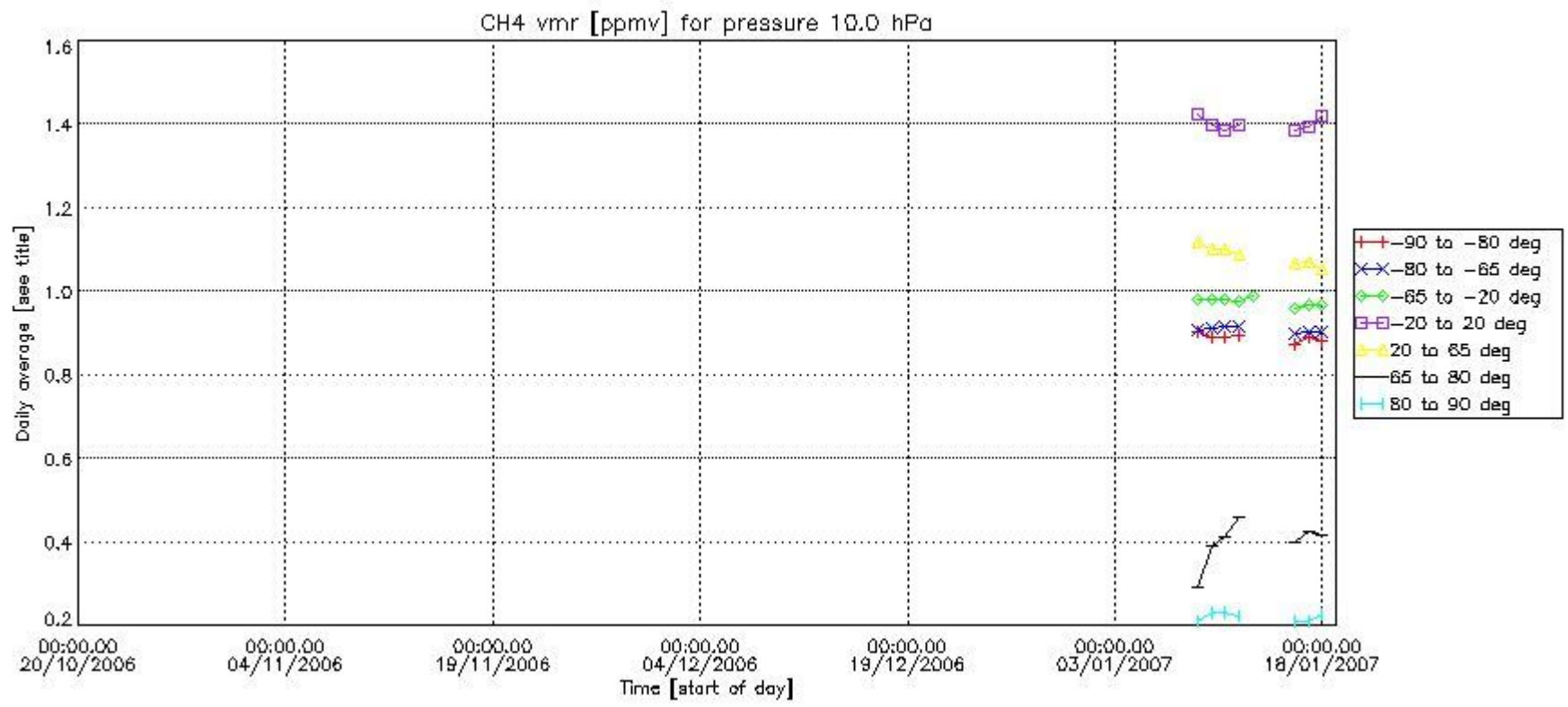


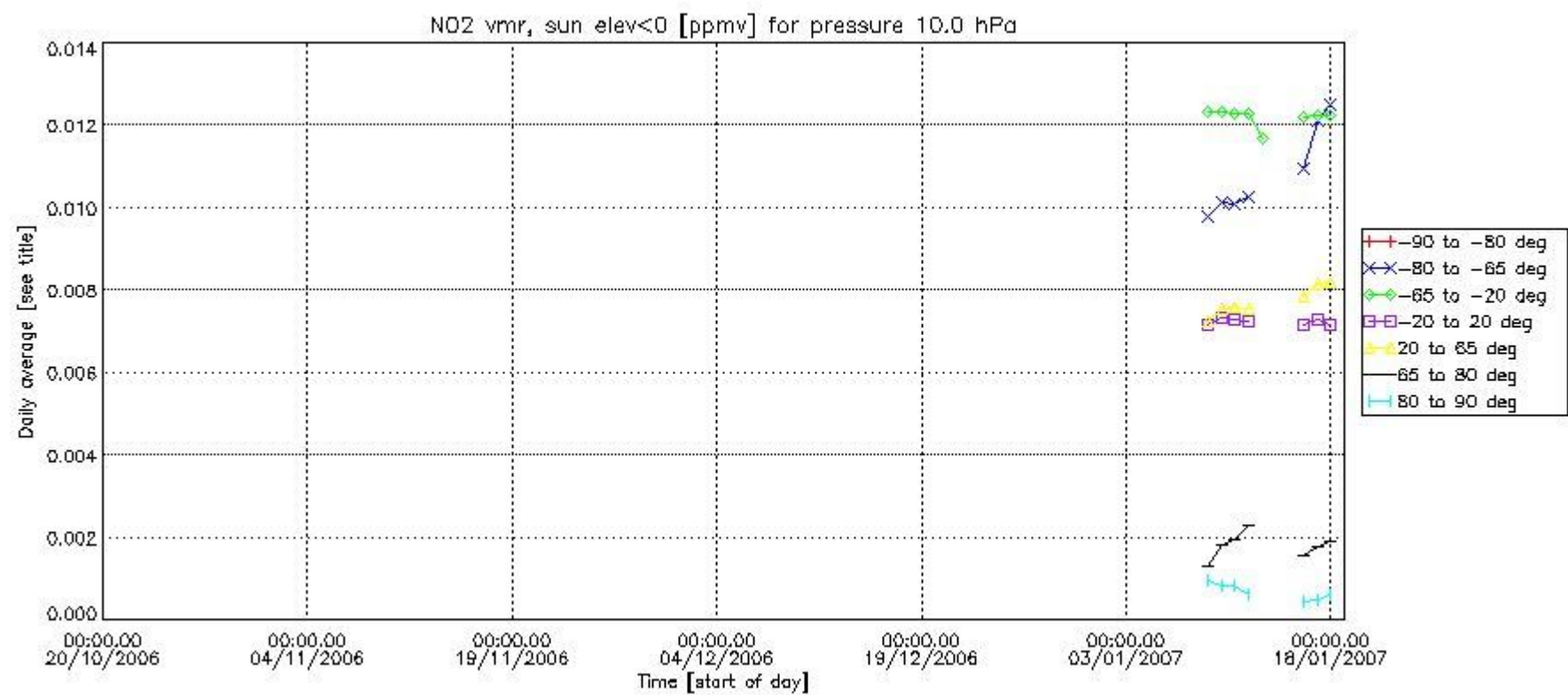
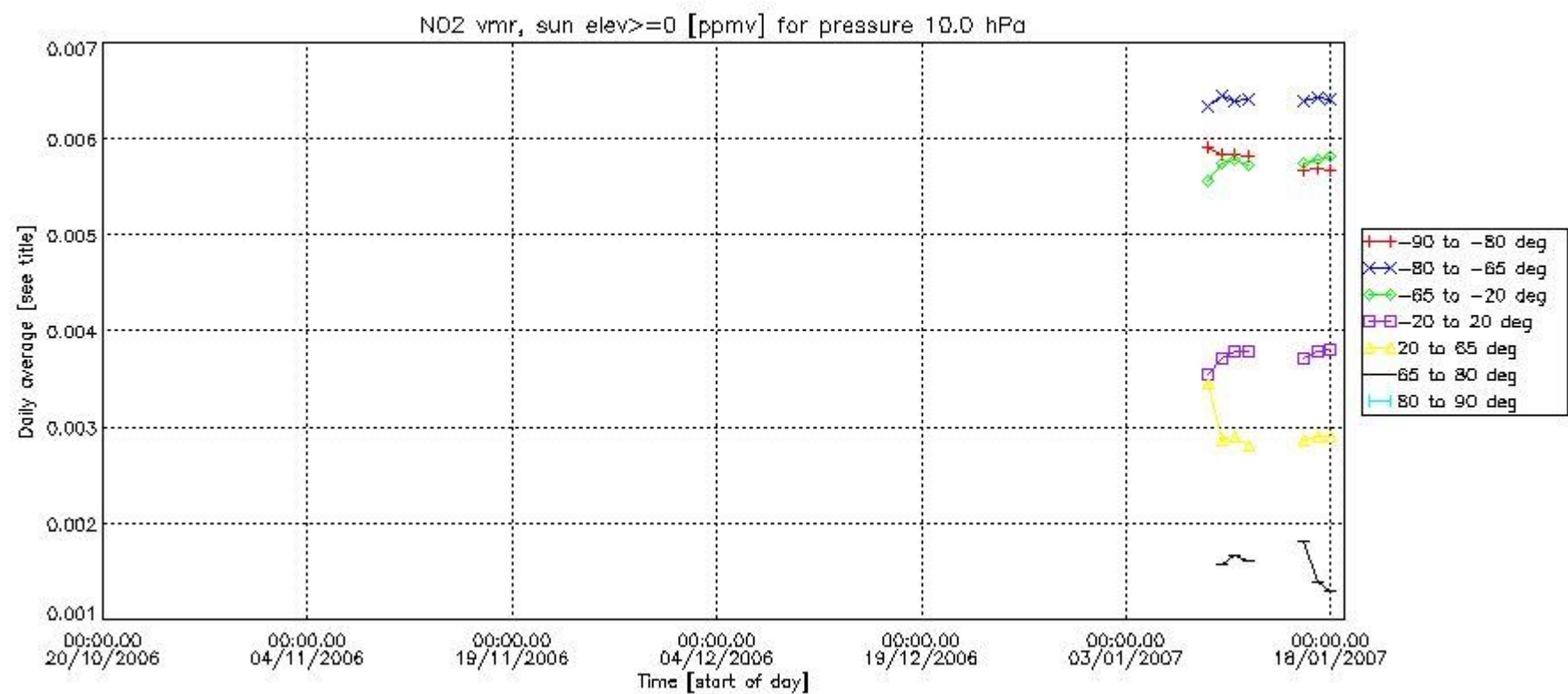


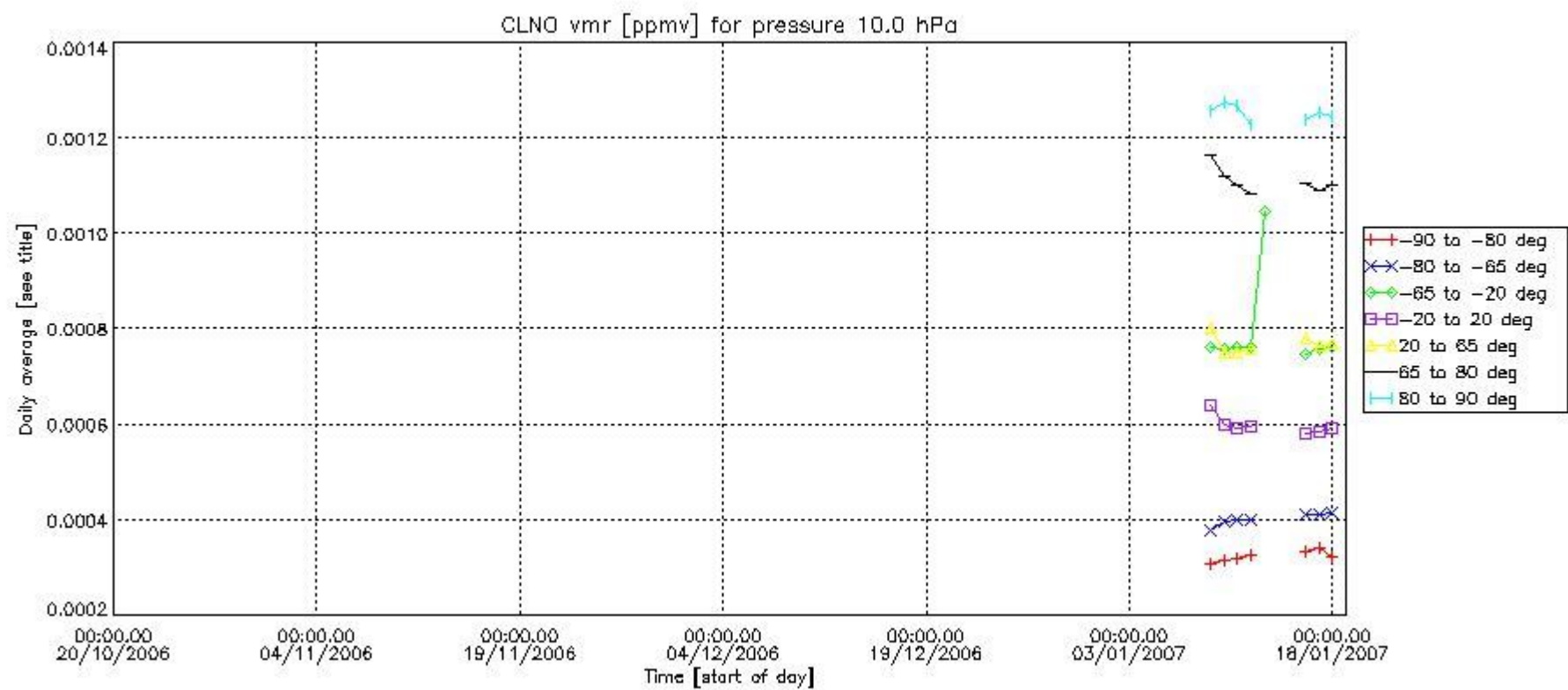
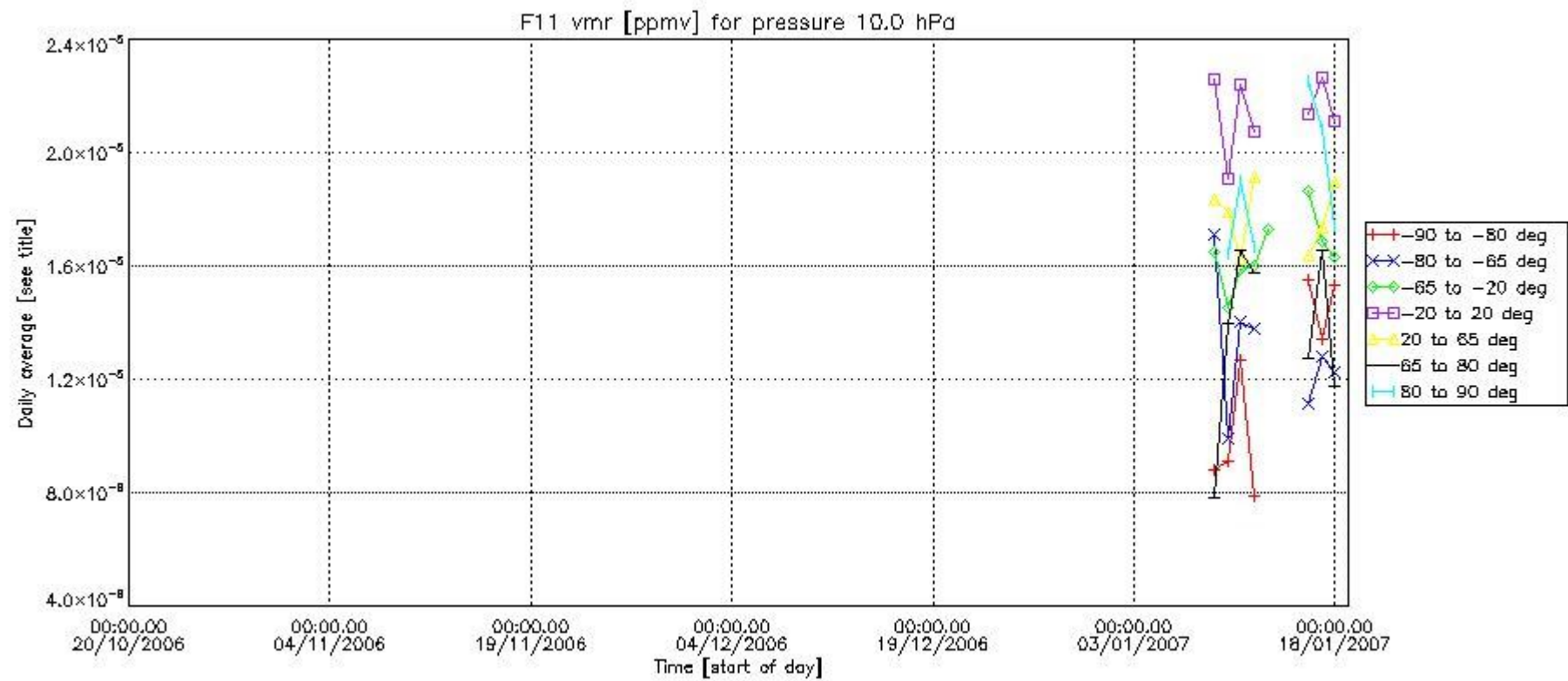


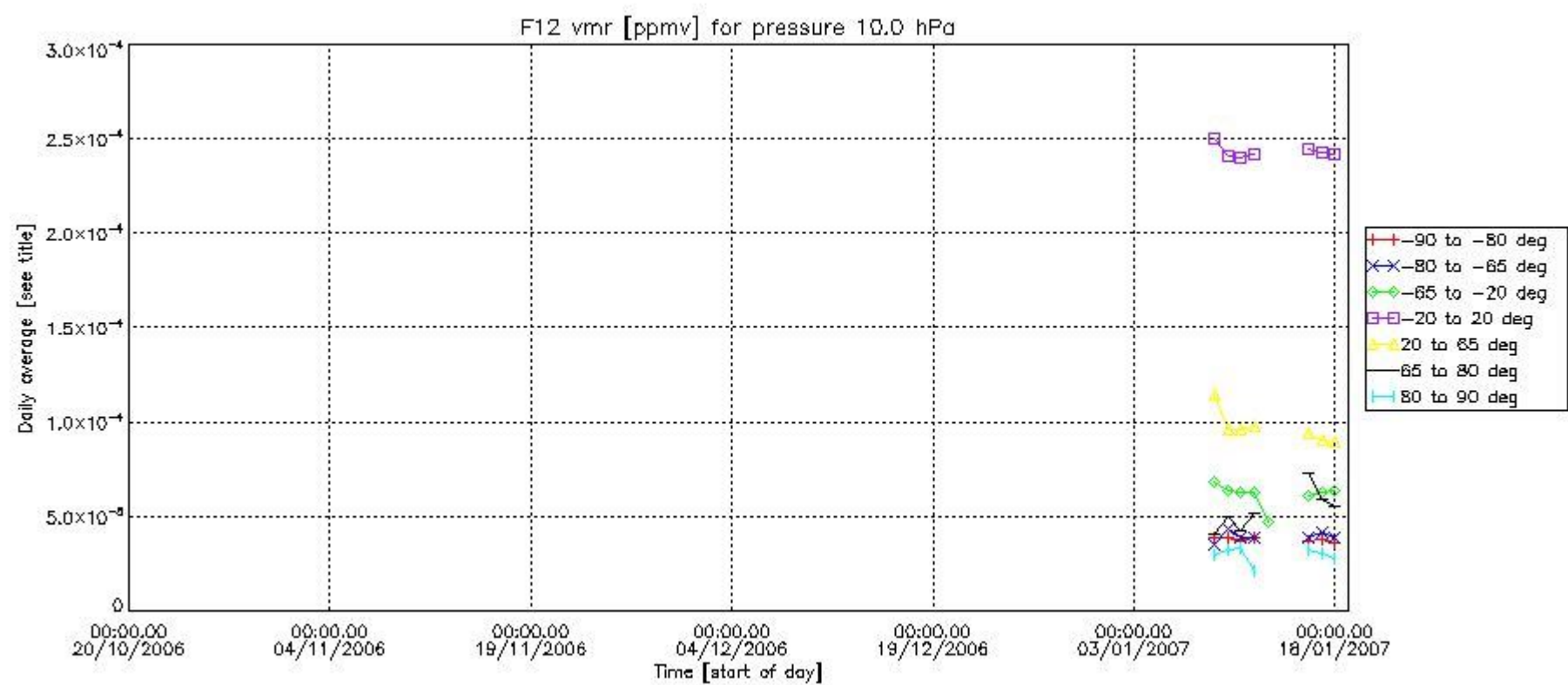
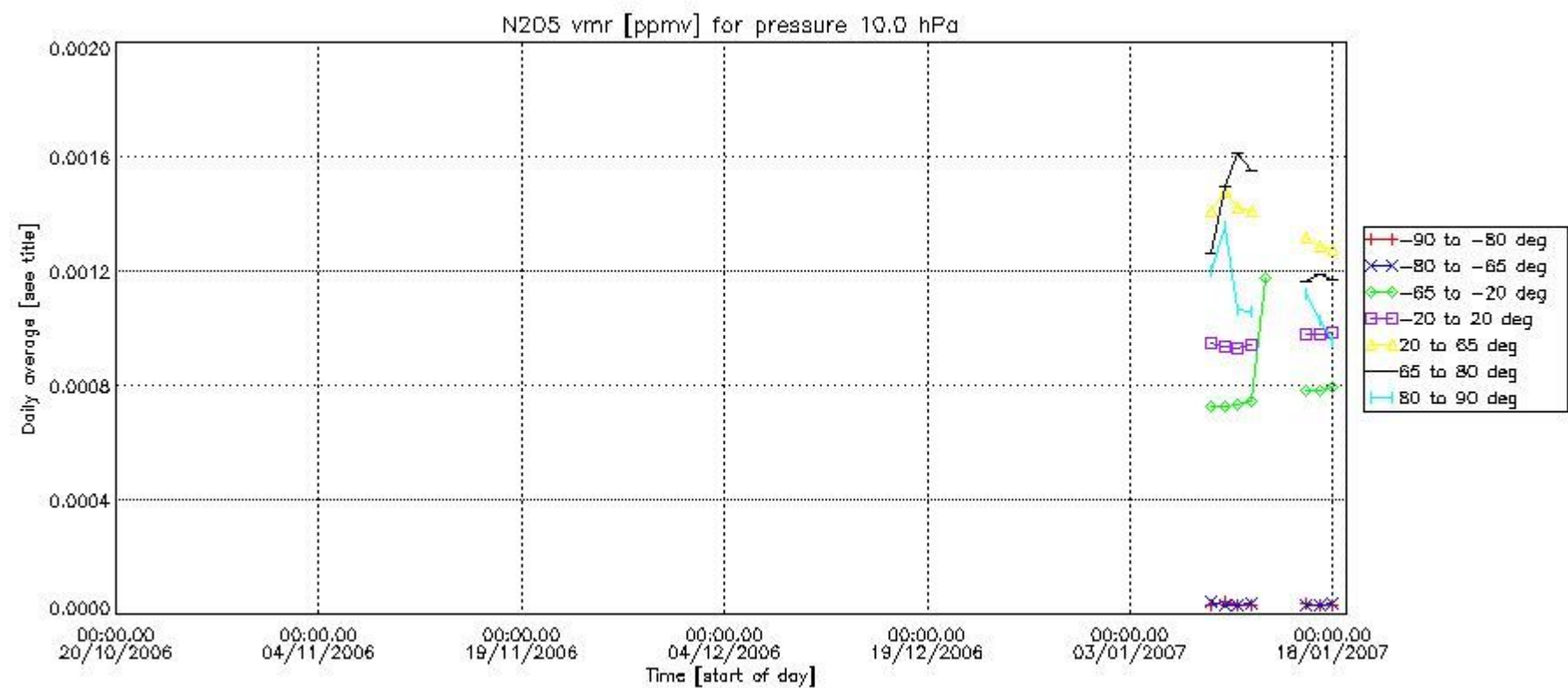


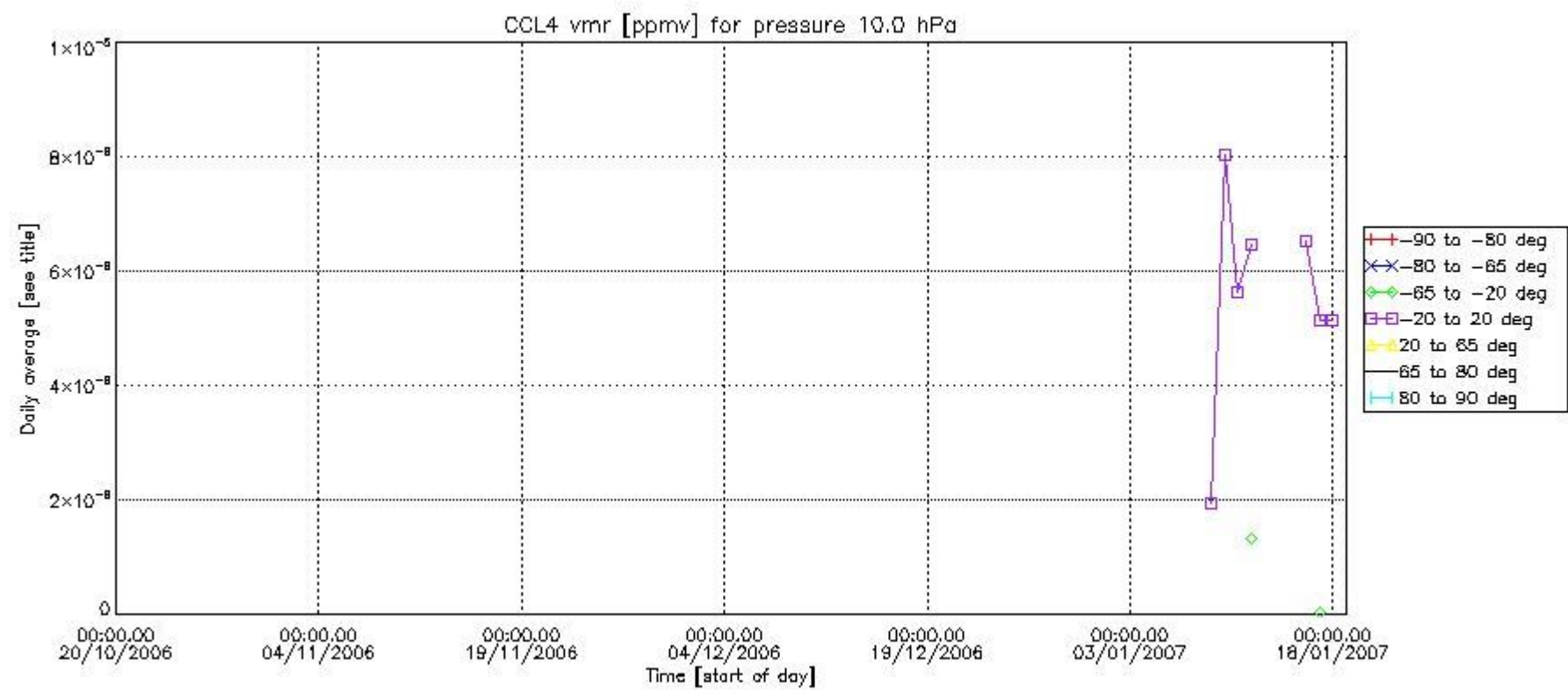
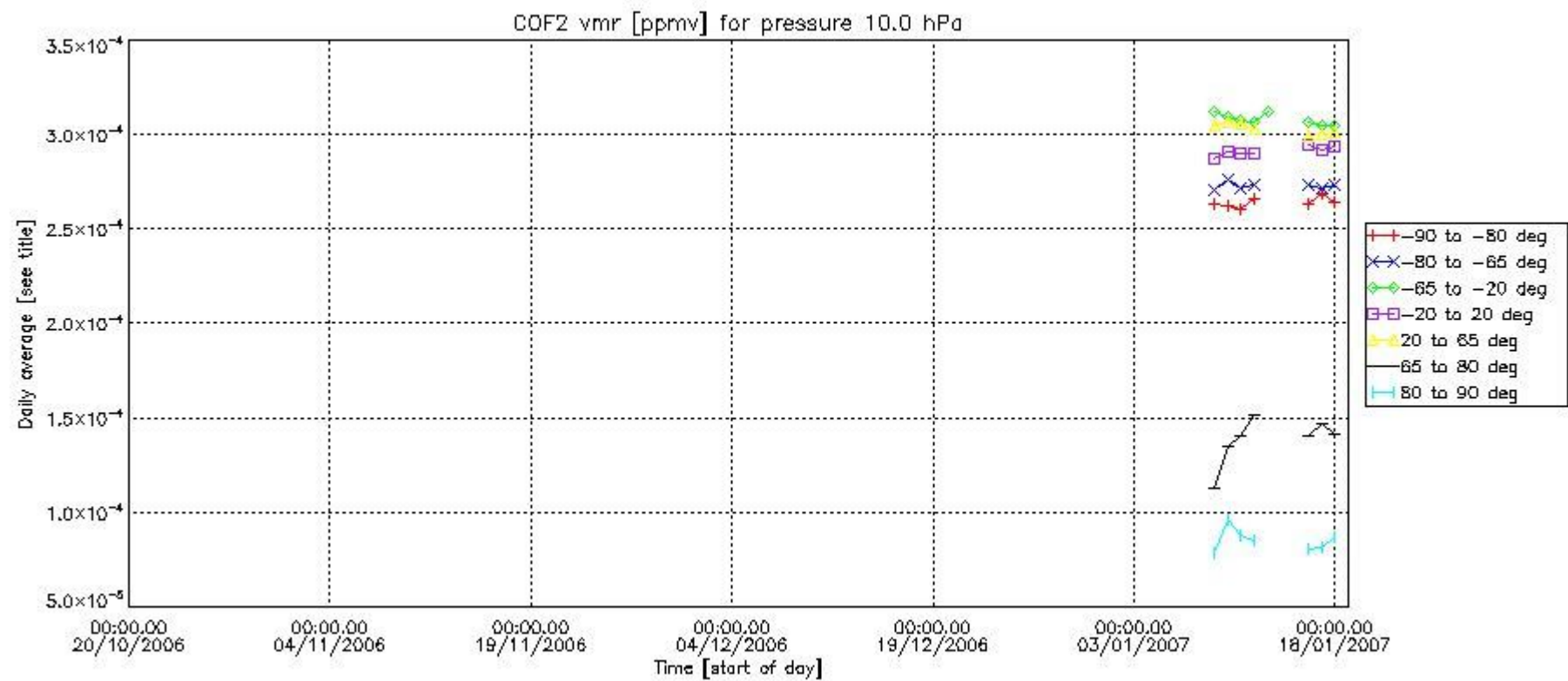


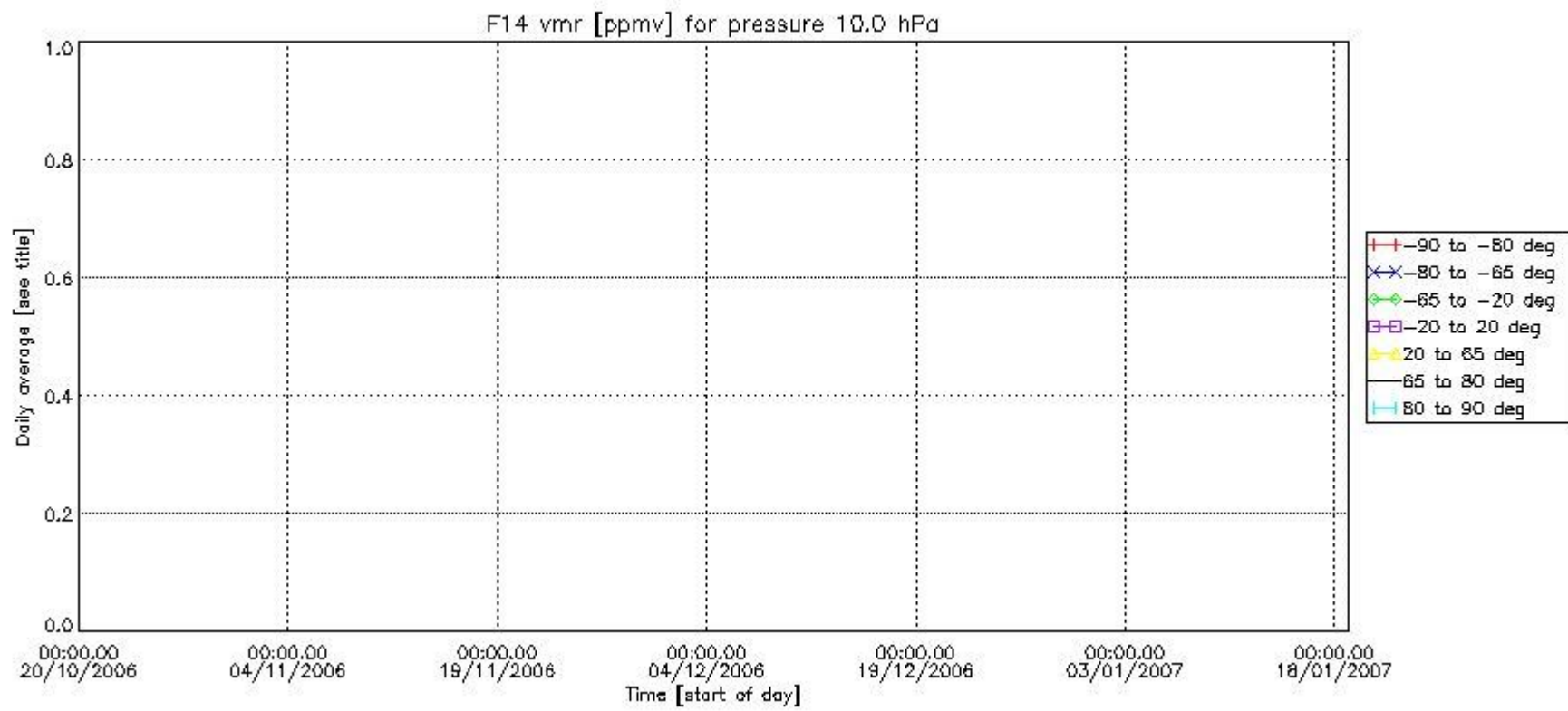
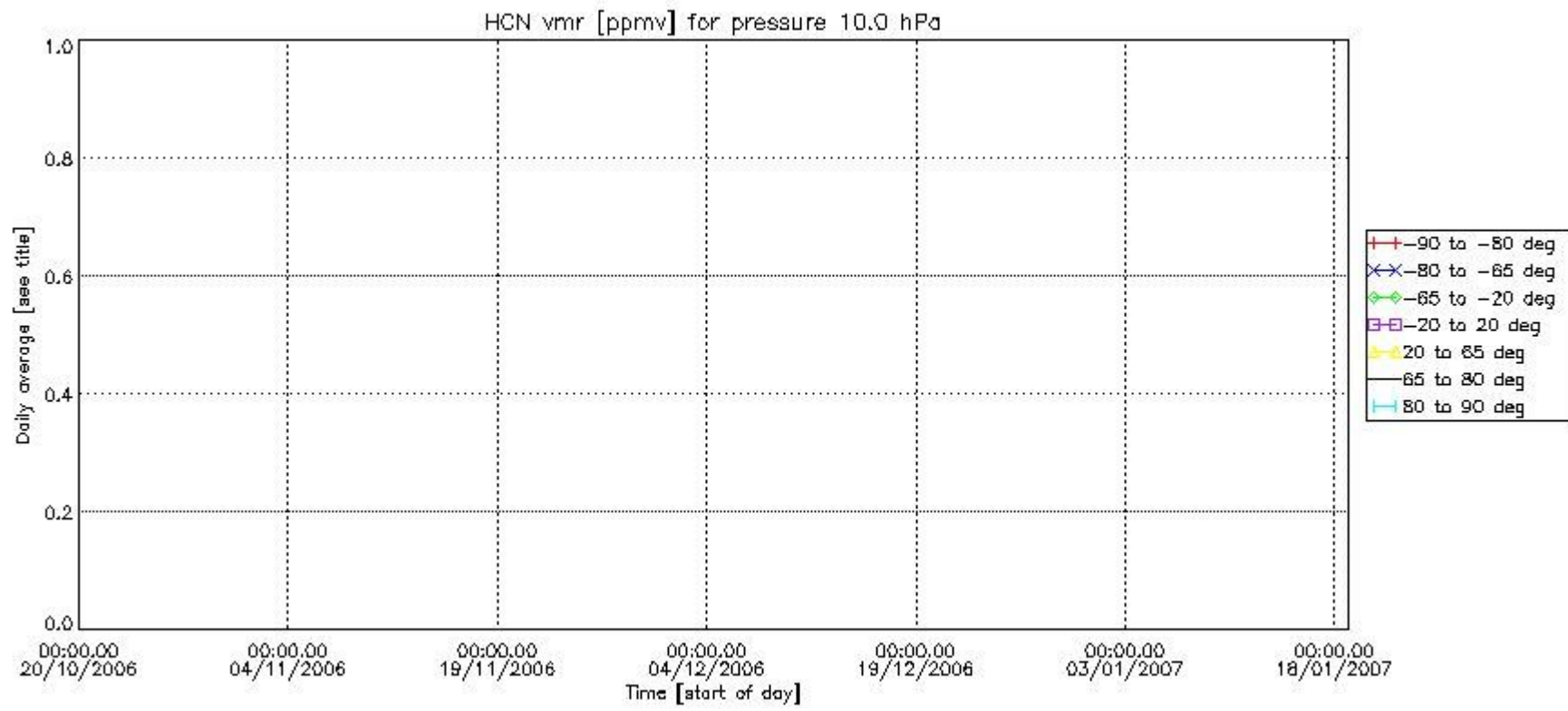


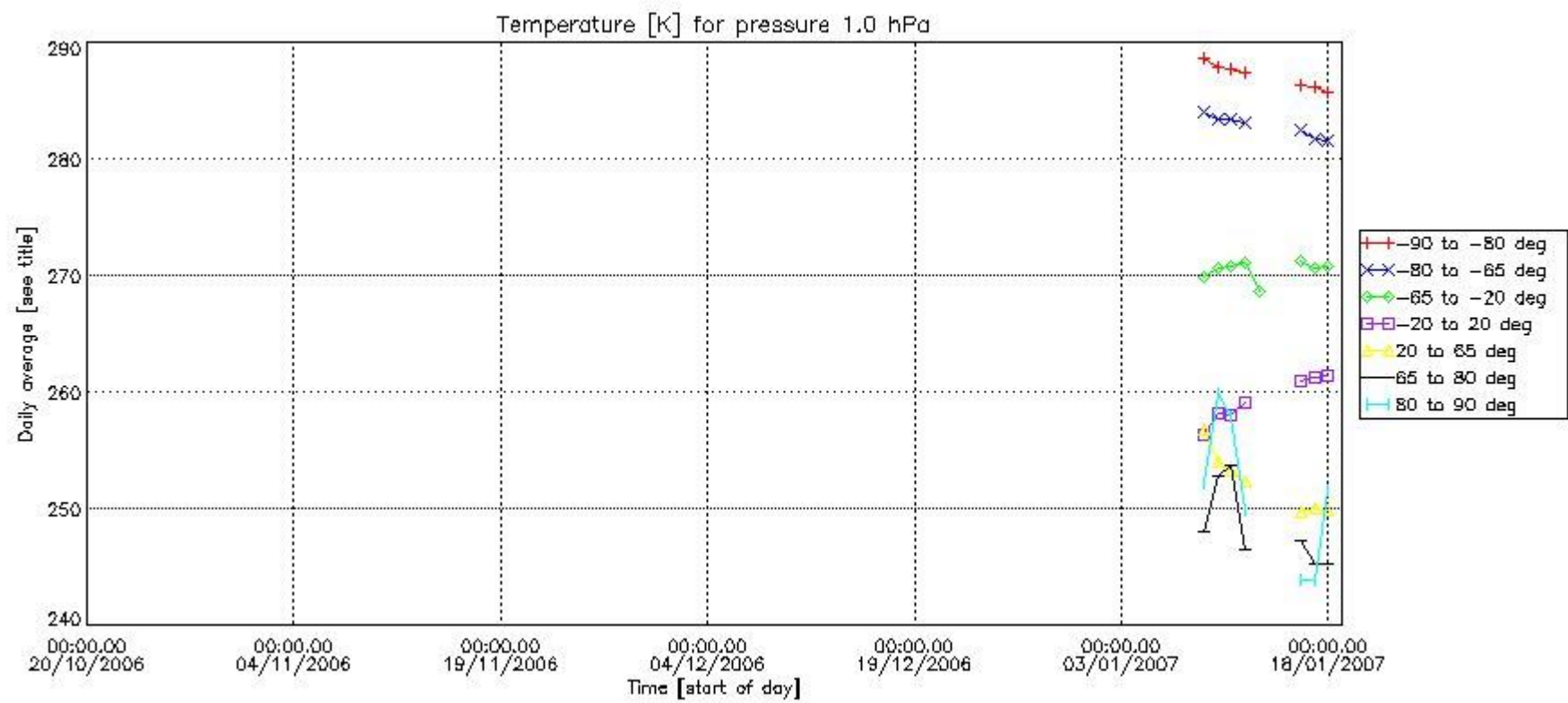
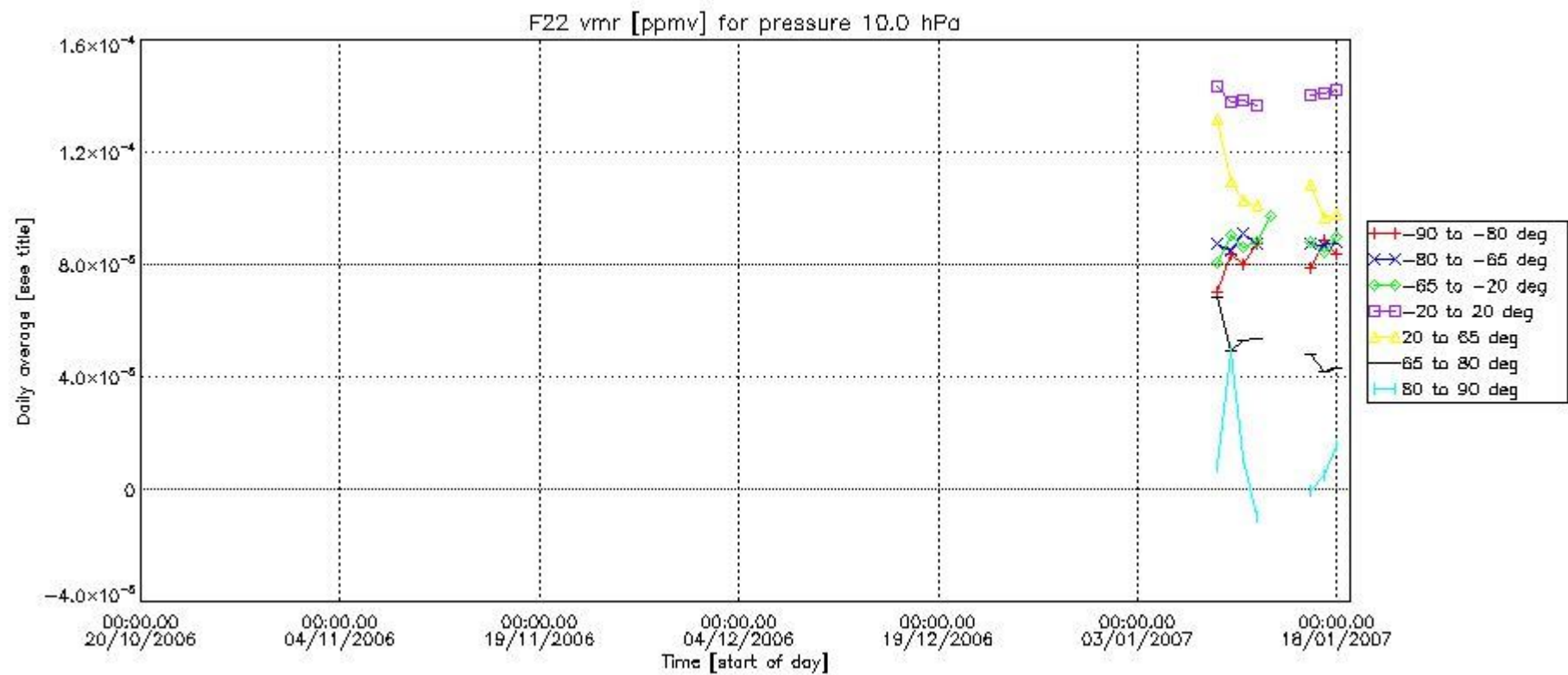


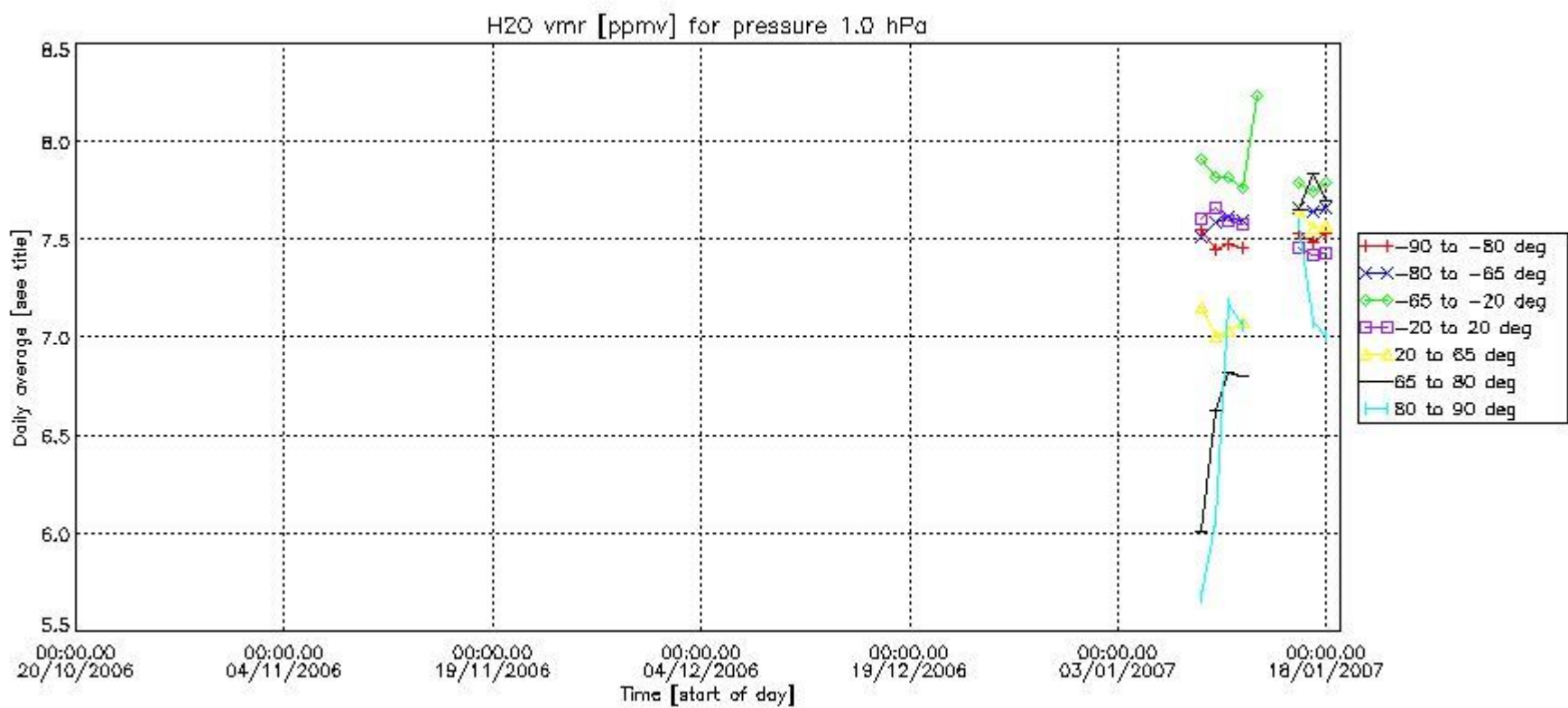
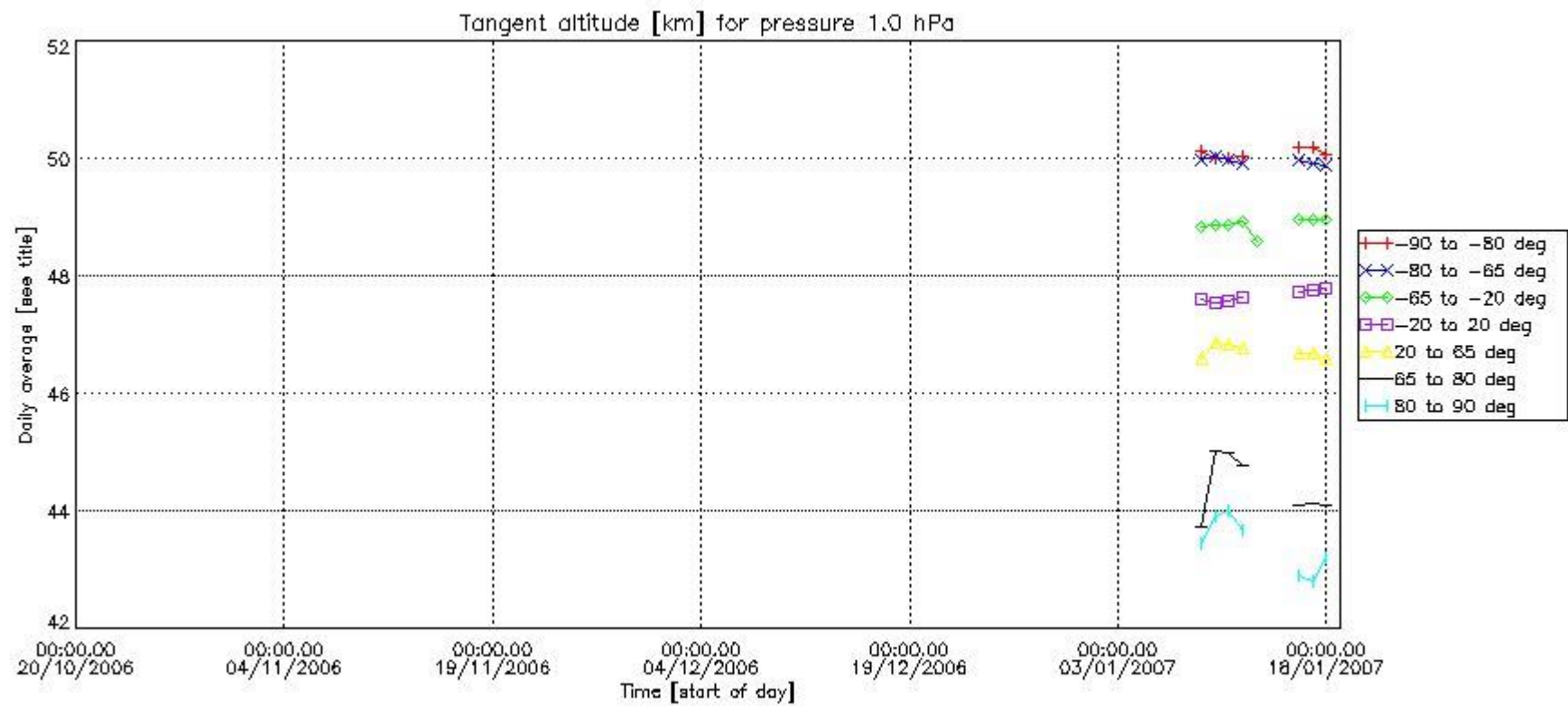


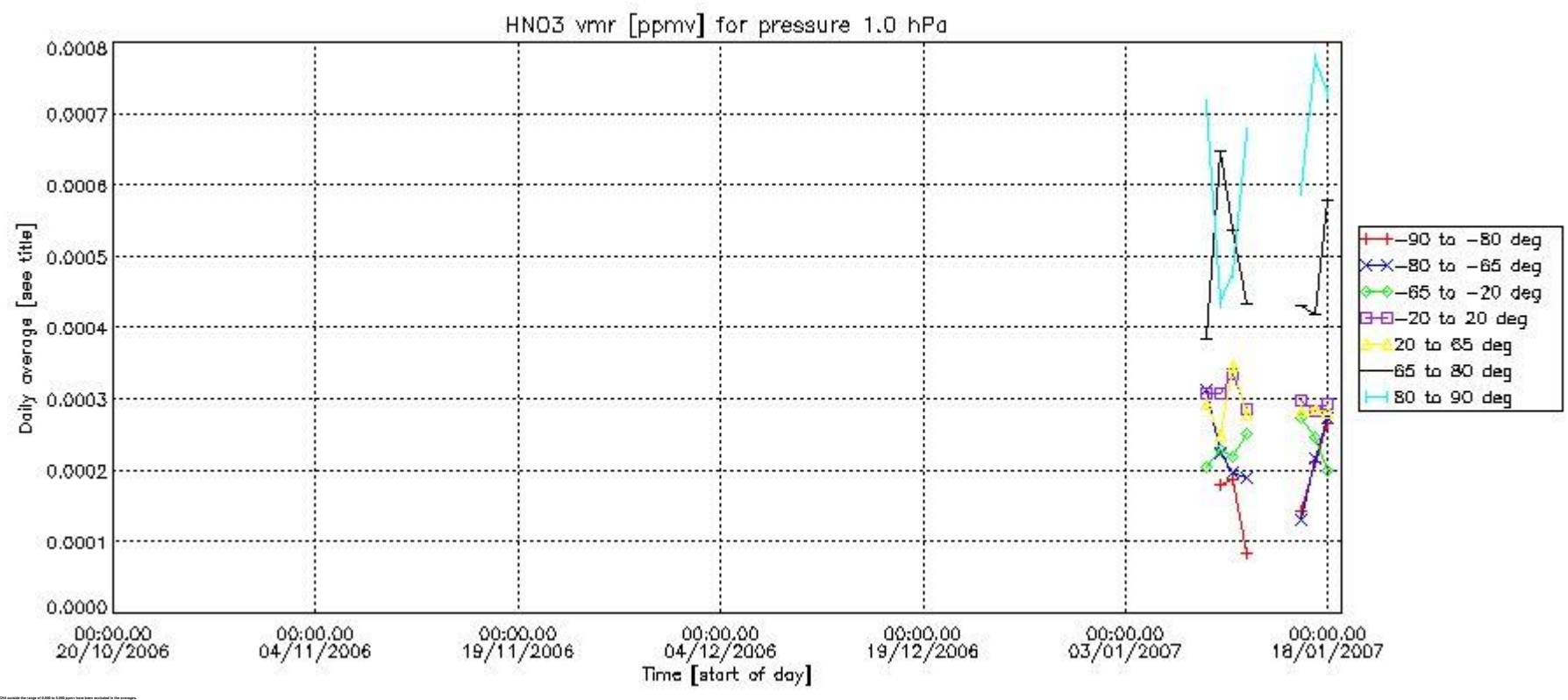
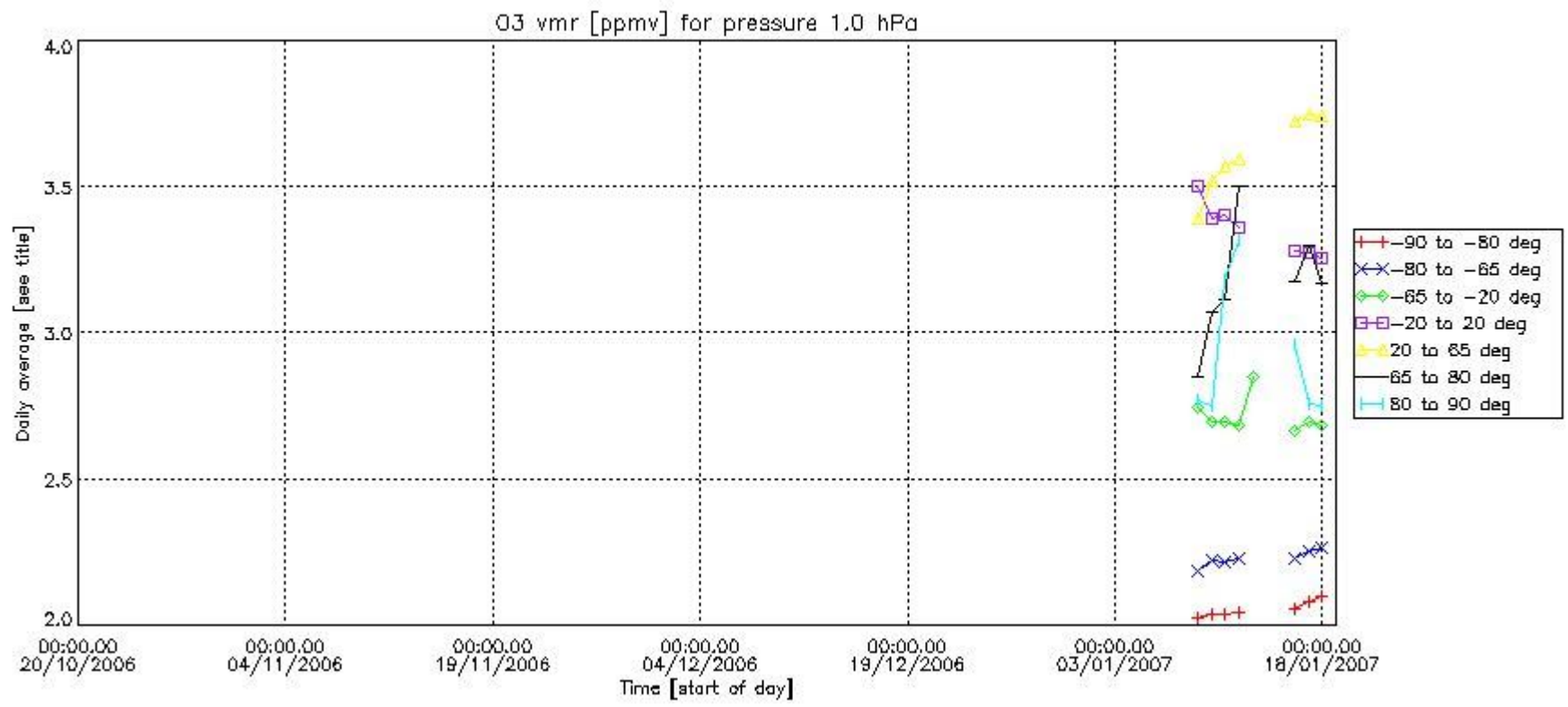


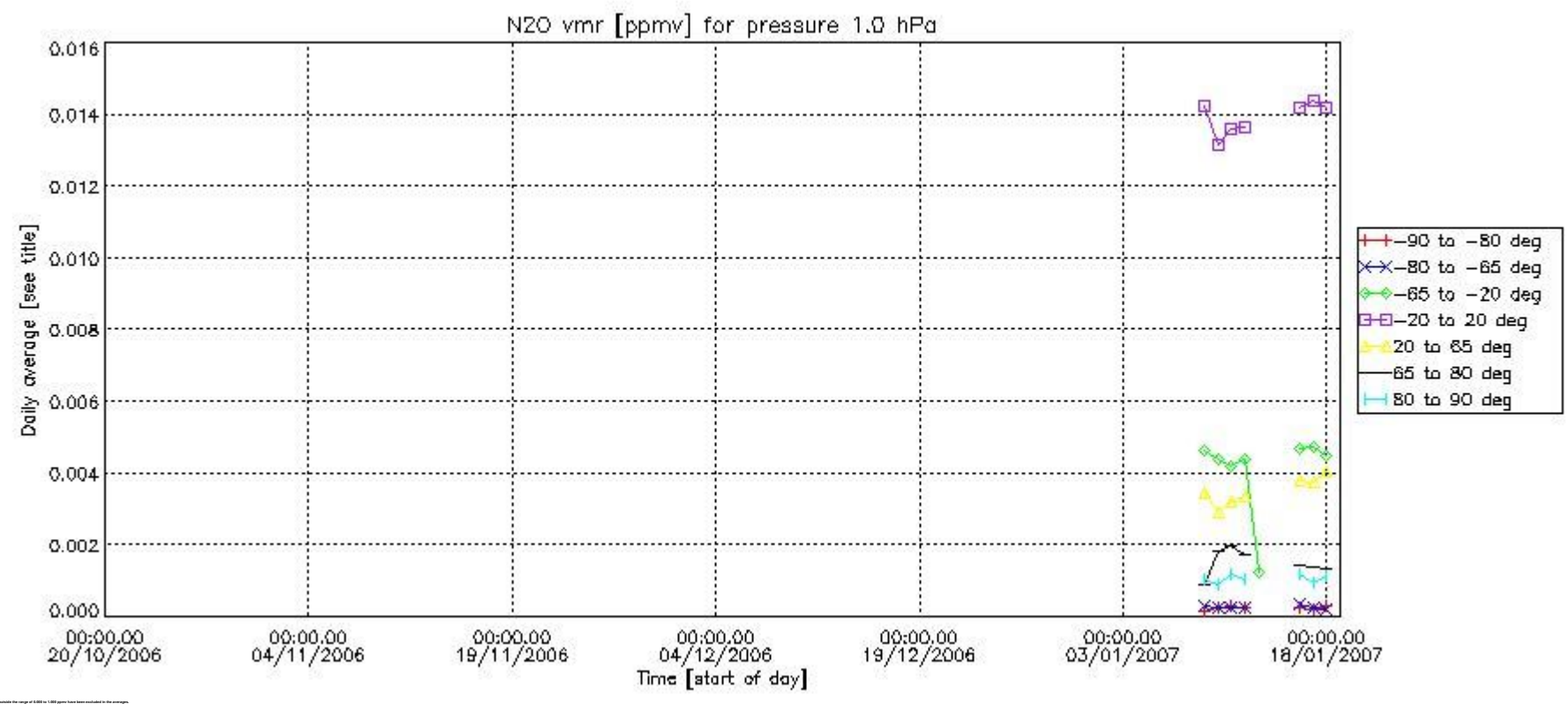
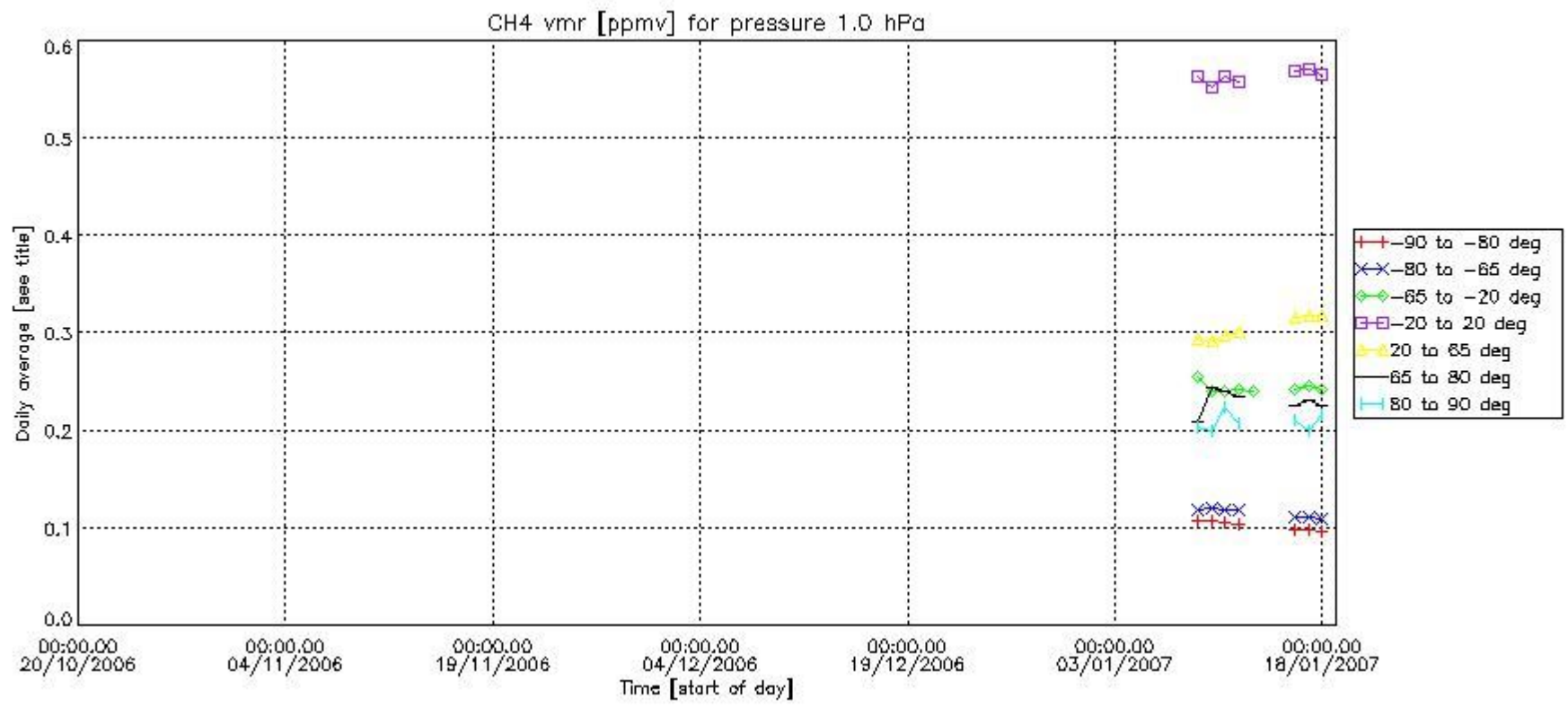


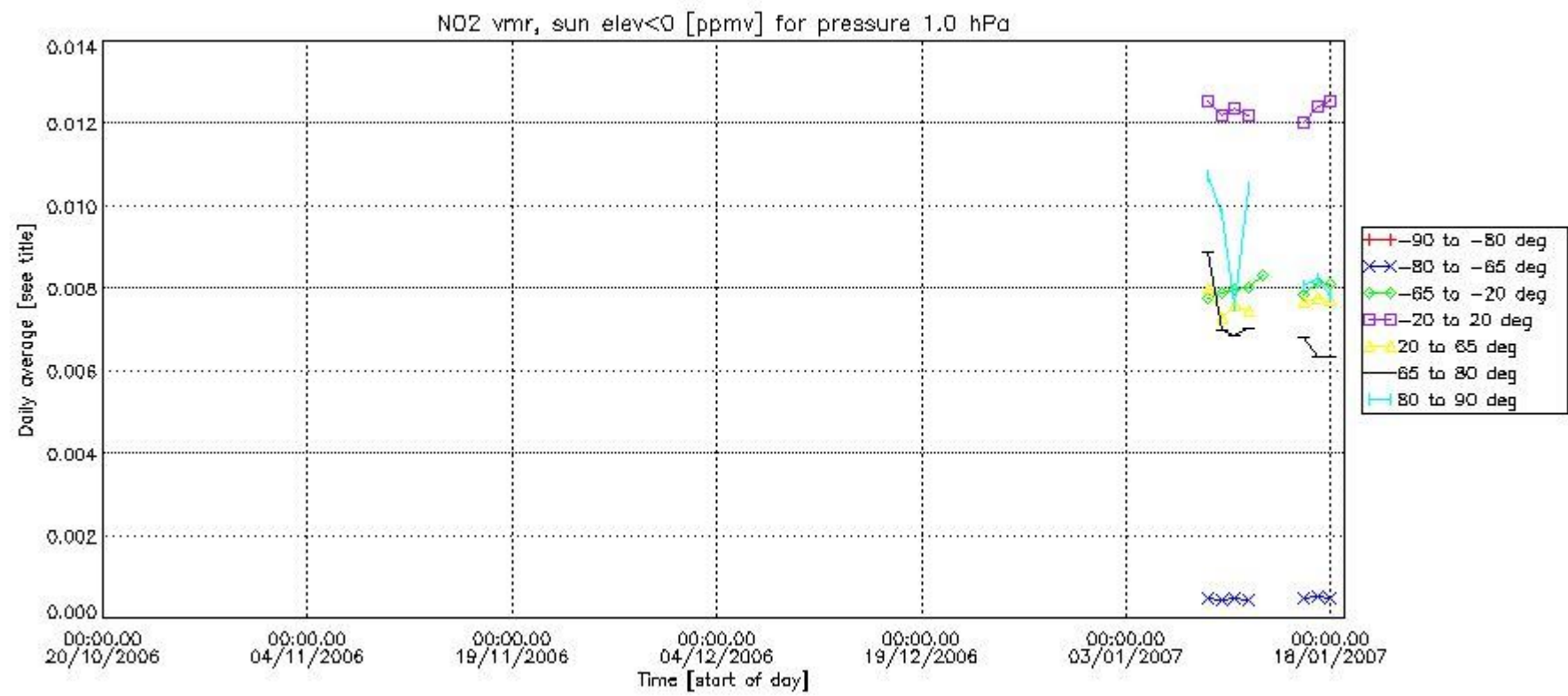
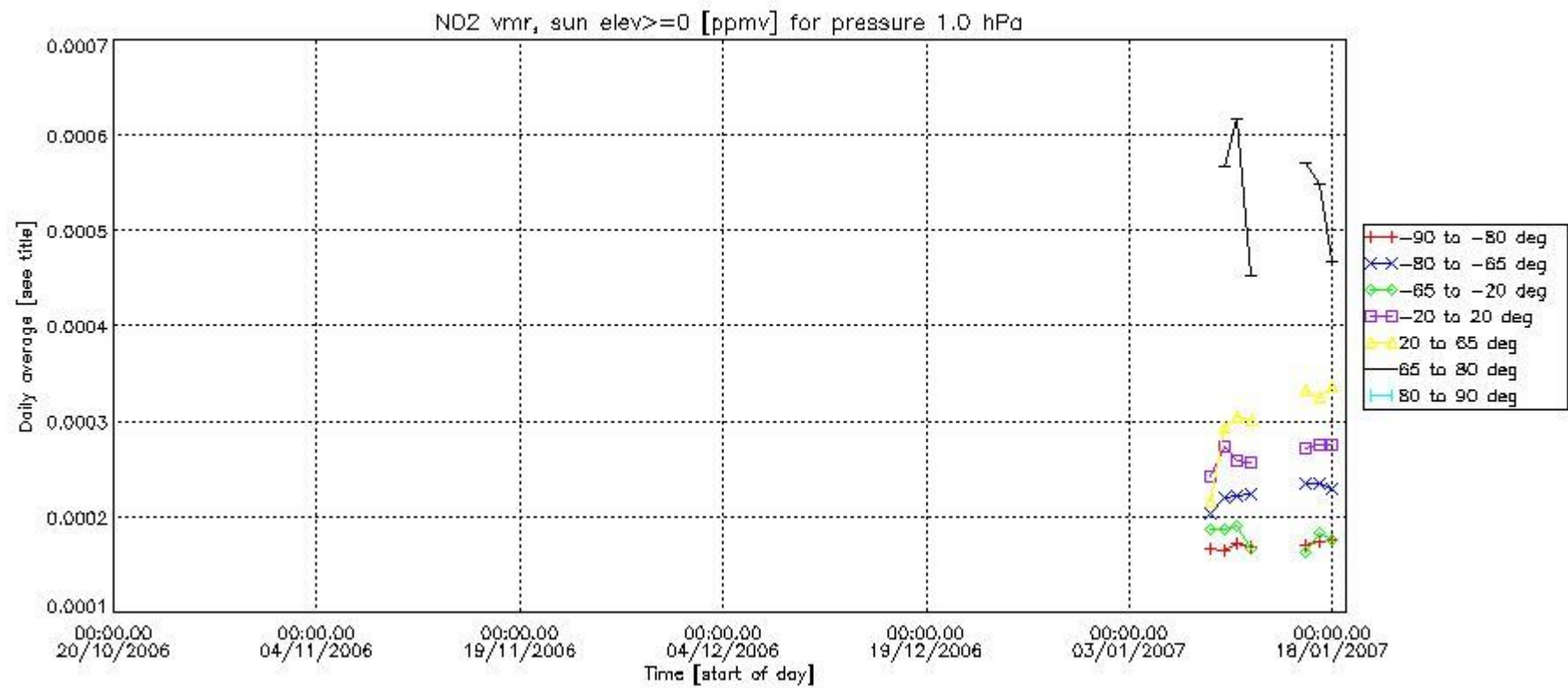


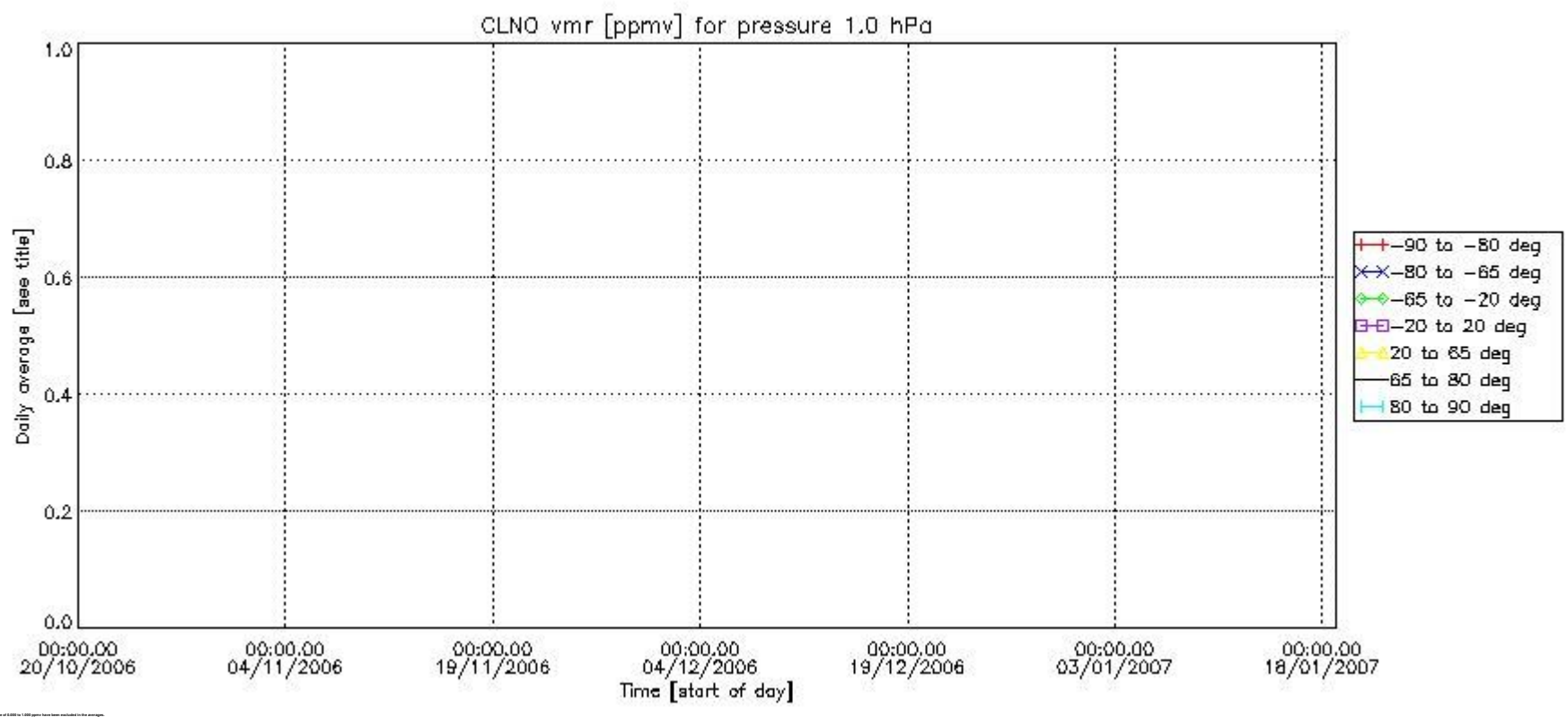
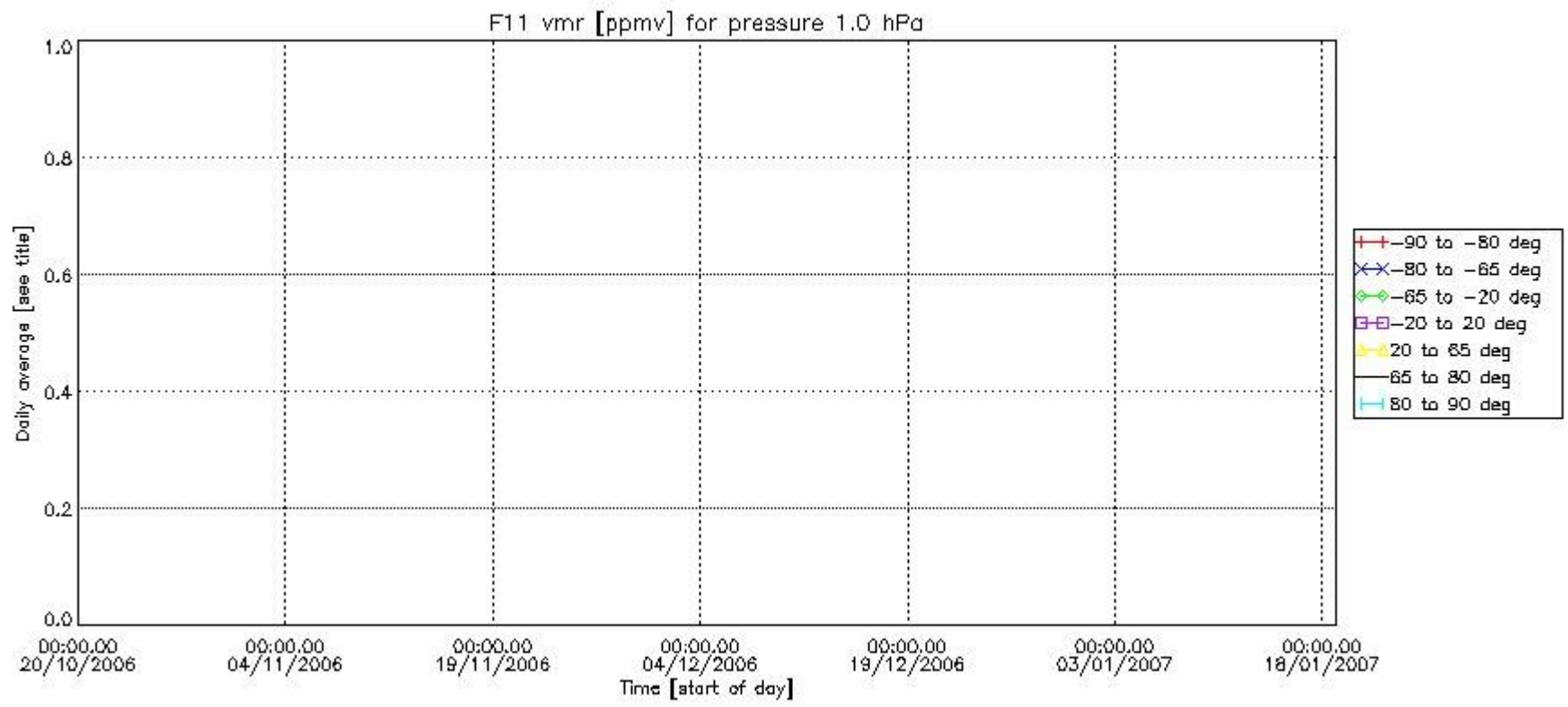


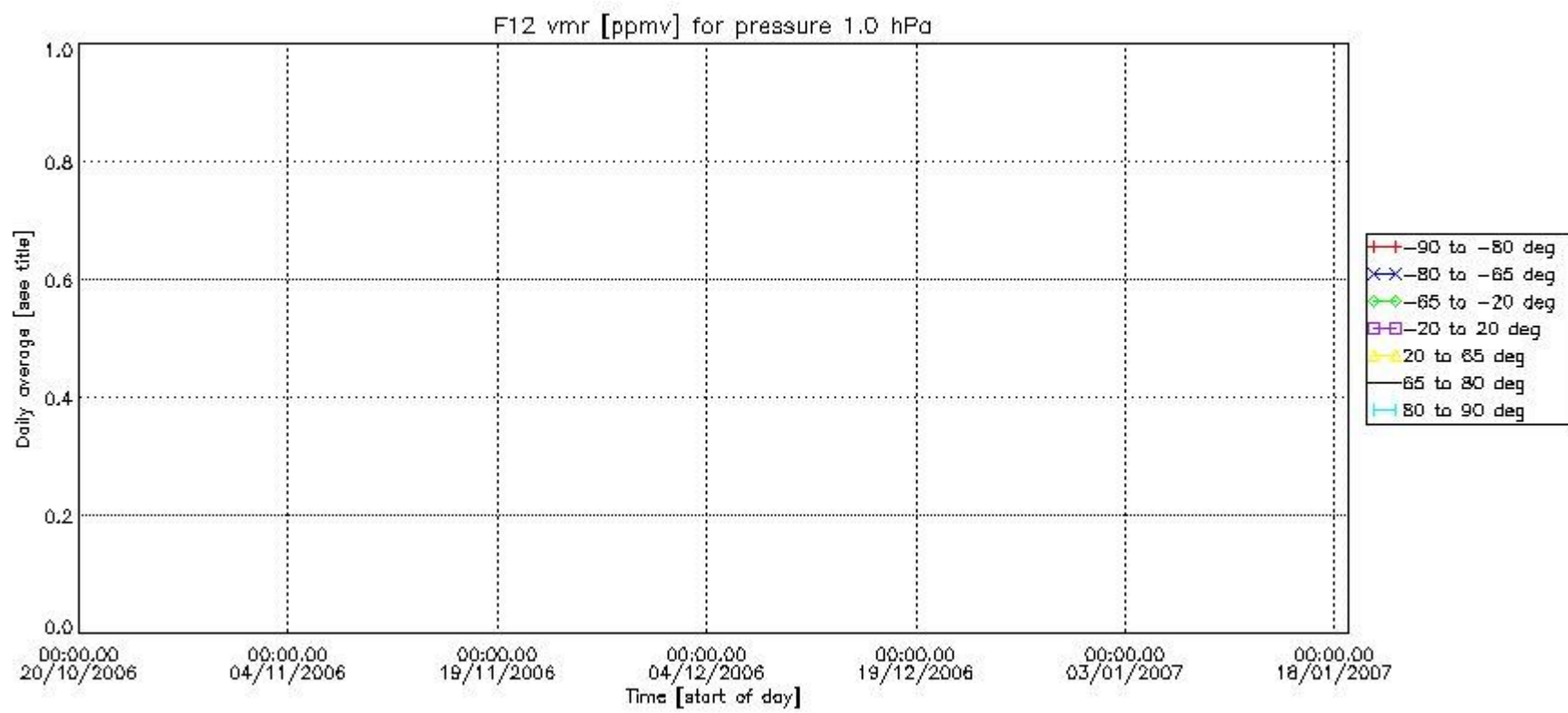
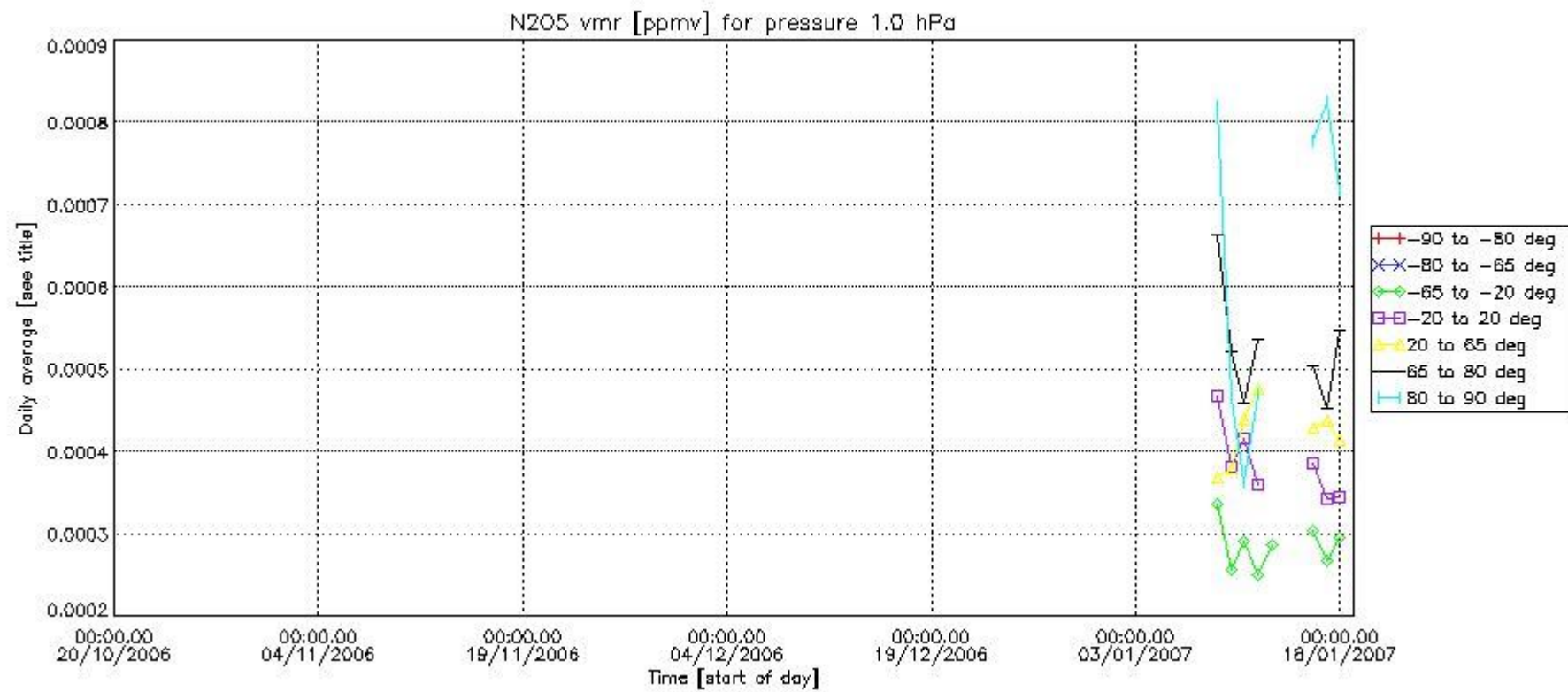


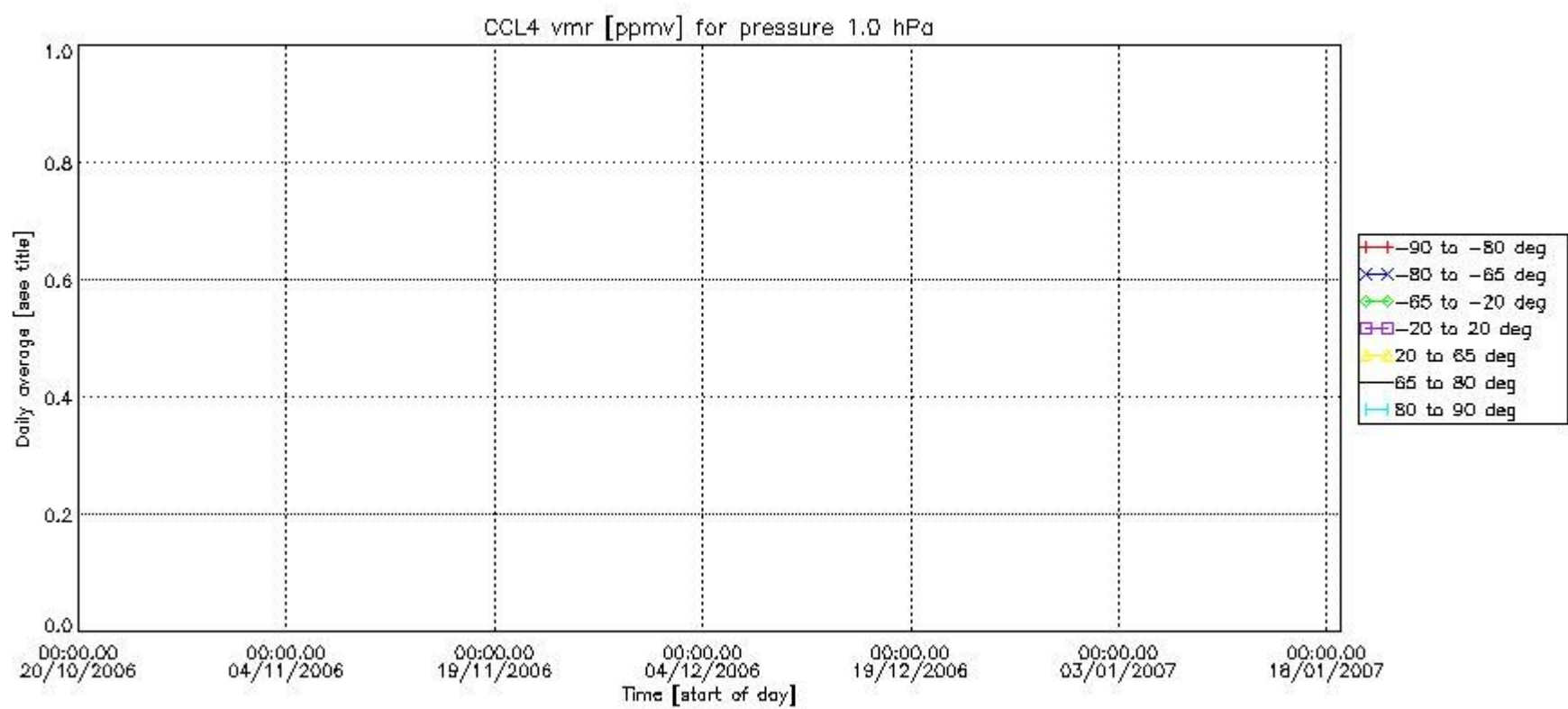
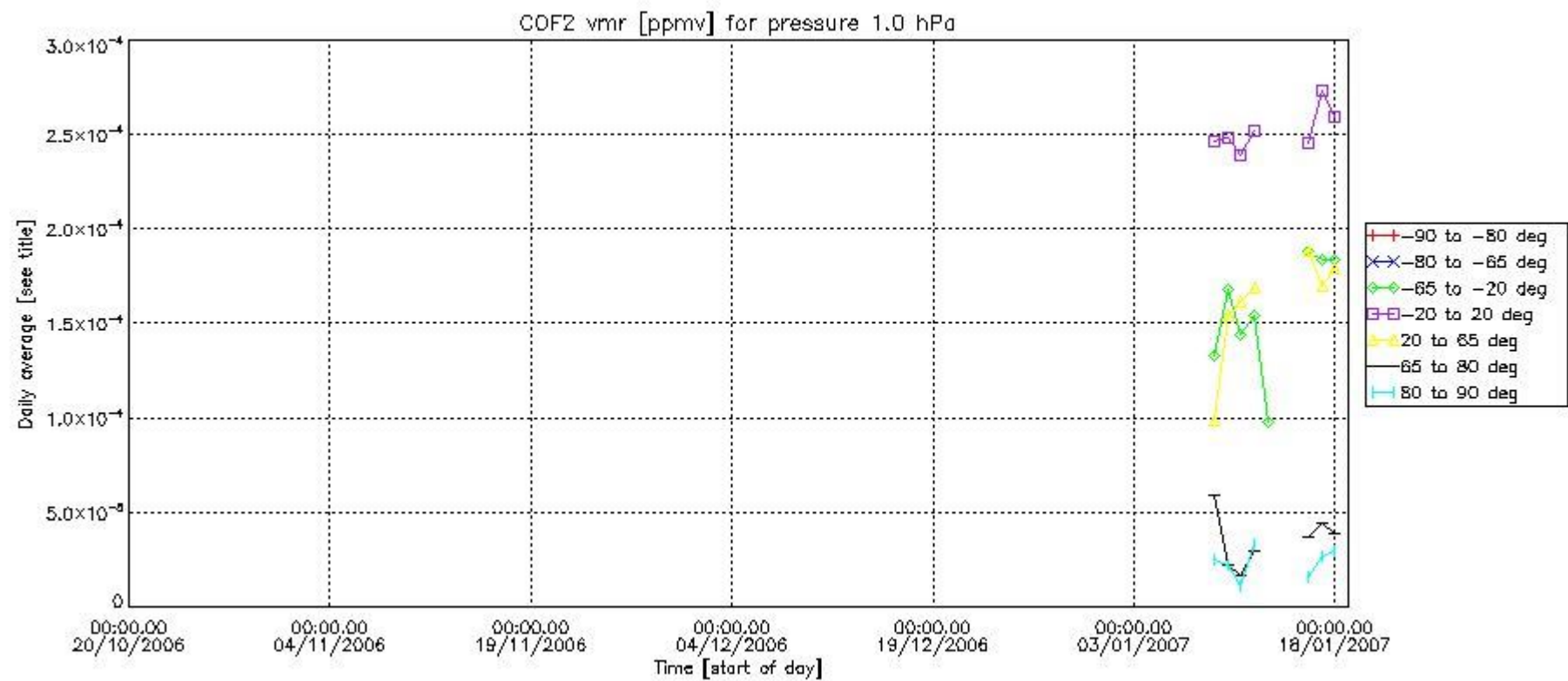


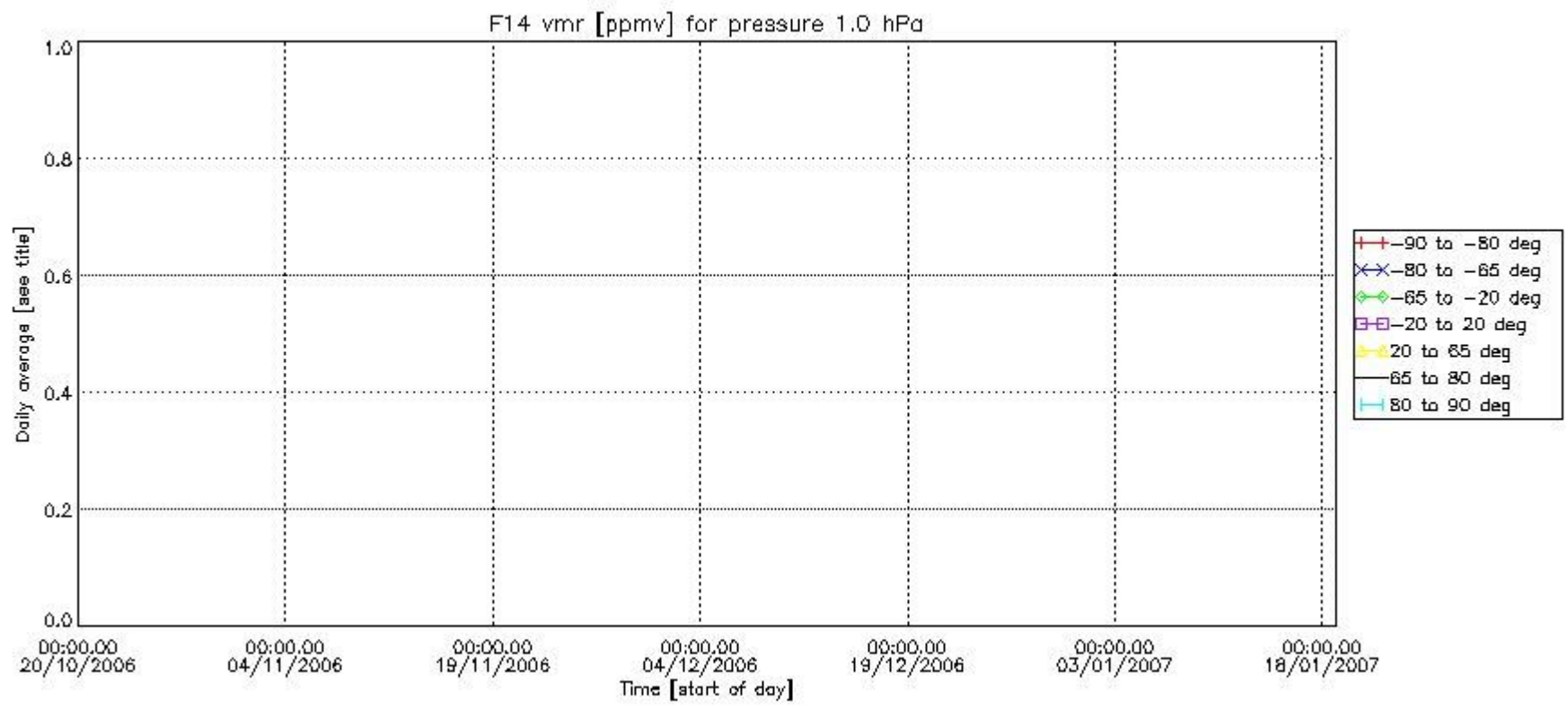
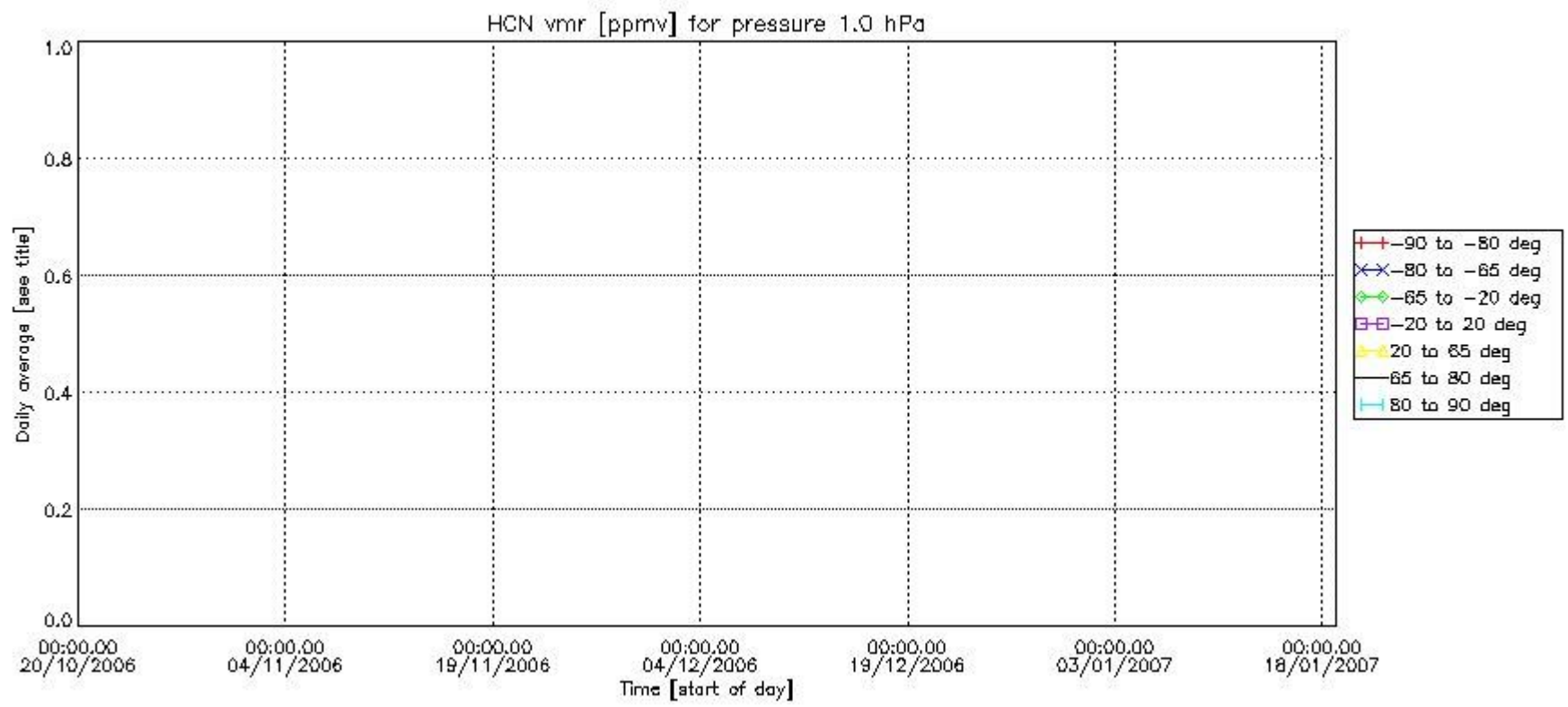


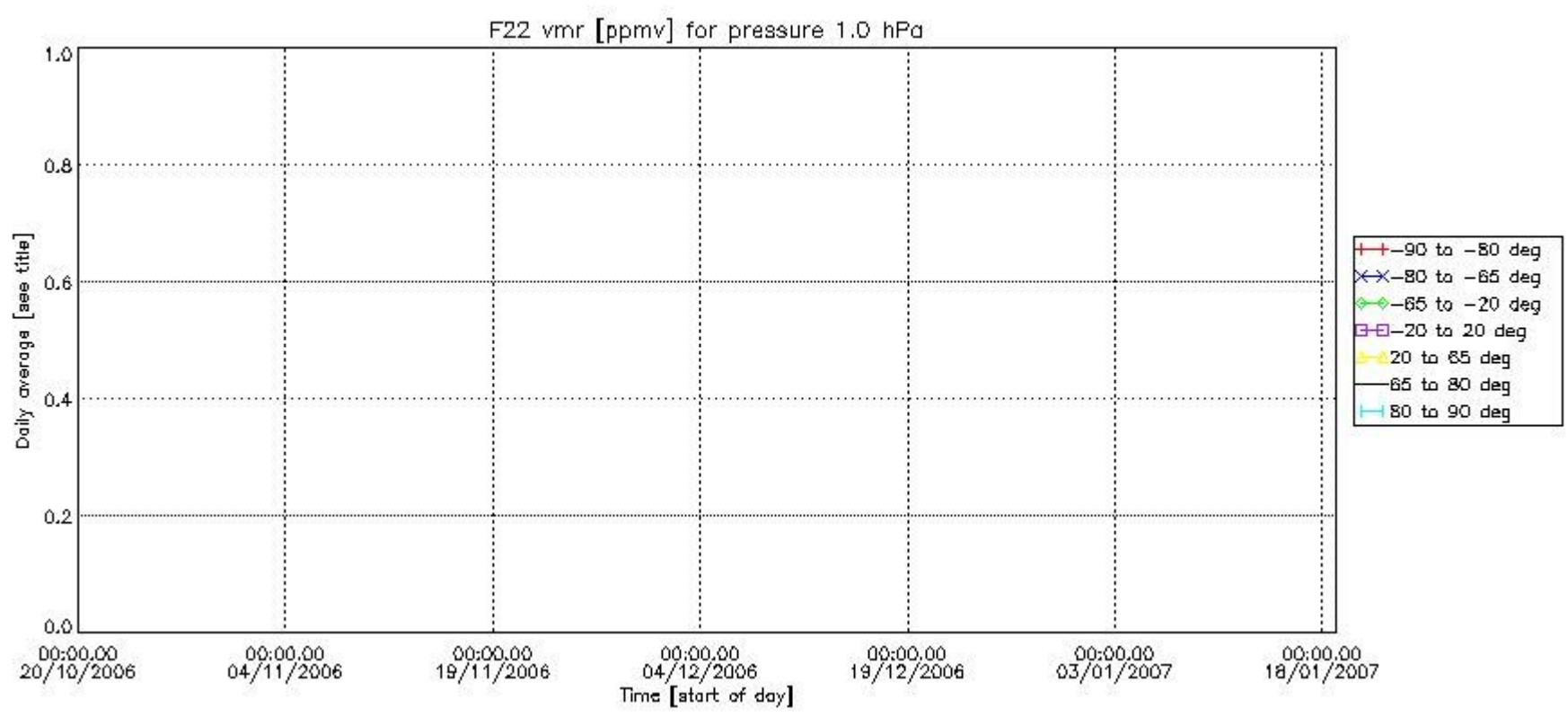












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

