

## 2. MIPAS Daily Report for level 2 products summary report

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20070110.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 09:46:56
Data source version	ML2PP/7.03-W
Processing scope for products	10JAN2007 00:00:00 to 11JAN2007 00:00:00
Start time of first product within scope	09JAN2007 23:49:04
Stop time of last product within scope	11JAN2007 00:57:20
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.

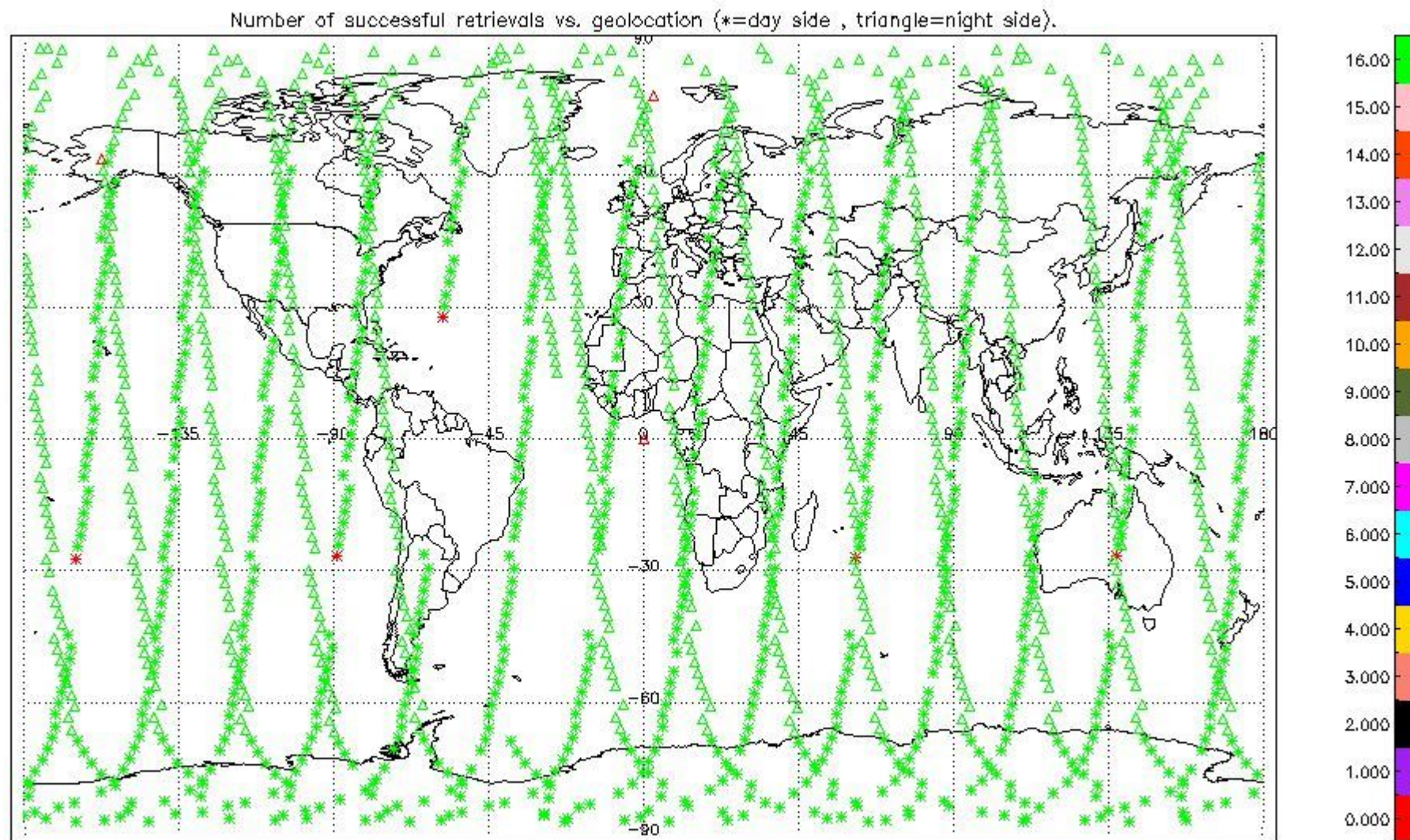
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20070109_234904_000053392054_00317_25421_1000.N1	09JAN2007 23:49:04	10JAN2007 01:18:03	0	113/113	<b>VMR_TERM_MACRO_MICRO[F14/macro:1]</b>
1	MIP_NL__2PWDSI20070110_022920_000024072054_00318_25422_1000.N1	10JAN2007 02:29:20	10JAN2007 03:09:27	0	53/53	
2	MIP_NL__2PWDSI20070110_031017_000059912054_00319_25423_1000.N1	10JAN2007 03:10:17	10JAN2007 04:50:08	0	132/132	<b>VMR_TERM_MACRO_MICRO[CCL4/micro:1; HCN/micro:2]</b>
3	MIP_NL__2PWDSI20070110_045043_000060352054_00320_25424_1000.N1	10JAN2007 04:50:43	10JAN2007 06:31:18	0	129/129	<b>VMR_TERM_MACRO_MICRO[F14/macro:1; CH4/micro:1; HCN/micro:2]</b>
4	MIP_NL__2PWDSI20070110_063124_000060352054_00321_25425_1000.N1	10JAN2007 06:31:24	10JAN2007 08:11:59	0	133/133	<b>VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:5]</b>
5	MIP_NL__2PWDSI20070110_081205_000060282054_00322_25426_1000.N1	10JAN2007 08:12:05	10JAN2007 09:52:33	0	118/118	<b>VMR_TERM_MACRO_MICRO[O3/micro:1; HCN/micro:1]</b>
6	MIP_NL__2PWDSI20070110_095239_000060262054_00323_25427_1000.N1	10JAN2007 09:52:39	10JAN2007 11:33:06	0	114/114	<b>VMR_TERM_MACRO_MICRO[HCN/macro:3; HCN/micro:1]</b>
7	MIP_NL__2PWDSI20070110_113312_000060352054_00324_25428_1000.N1	10JAN2007 11:33:12	10JAN2007 13:13:47	0	133/133	<b>VMR_TERM_MACRO_MICRO[F14/macro:1; CCL4/micro:1]</b>
8	MIP_NL__2PWDSI20070110_131353_000060262054_00325_25429_1000.N1	10JAN2007 13:13:53	10JAN2007 14:54:19	0	114/114	<b>VMR_TERM_MACRO_MICRO[F14/macro:2; O3/micro:1]</b>
9	MIP_NL__2PWDSI20070110_145425_000060282054_00326_25430_1000.N1	10JAN2007 14:54:25	10JAN2007 16:34:53	0	128/128	
10	MIP_NL__2PWDSI20070110_163500_000060352054_00327_25431_1000.N1	10JAN2007 16:35:00	10JAN2007 18:15:34	0	133/133	<b>VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:2]</b>
11	MIP_NL__2PWDSI20070110_181541_000059912054_00328_25432_1000.N1	10JAN2007 18:15:41	10JAN2007 19:55:32	0	132/132	<b>VMR_TERM_MACRO_MICRO[HCN/micro:1]</b>
12	MIP_NL__2PWDSI20070110_195607_000060342054_00329_25433_1000.N1	10JAN2007 19:56:07	10JAN2007 21:36:41	0	129/129	<b>VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:2; F14/micro:1]</b>
13	MIP_NL__2PWDSI20070110_213648_000060352054_00330_25434_1000.N1	10JAN2007 21:36:48	10JAN2007 23:17:22	0	133/133	
14	MIP_NL__2PWDSI20070110_231729_000059912054_00331_25435_1000.N1	10JAN2007 23:17:29	11JAN2007 00:57:20	0	132/132	<b>VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:2]</b>

## 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.

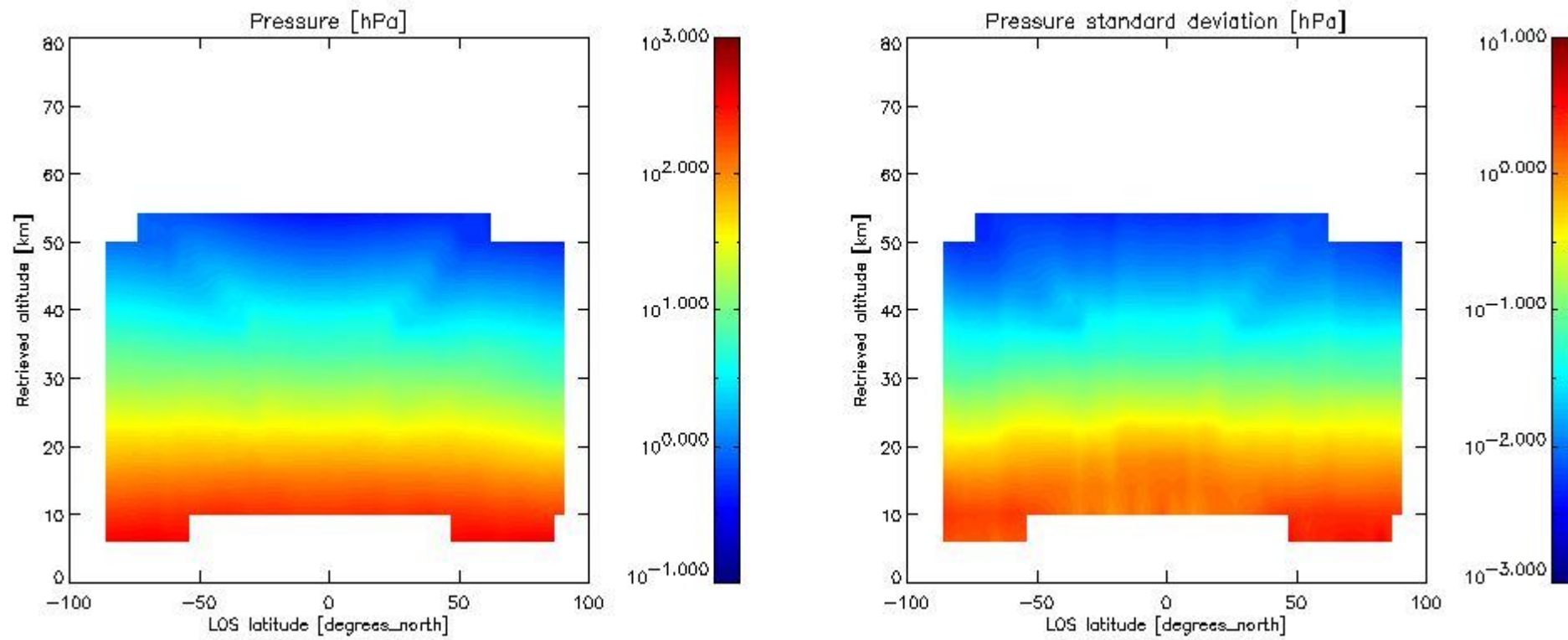
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1826	1724	94.414
H2O	1826	1724	94.414
O3	1826	1724	94.414
HNO3	1826	1724	94.414
CH4	1826	1724	94.414
N2O	1826	1724	94.414
NO2	1826	1724	94.414
F11	1826	1724	94.414
CLNO	1826	1724	94.414
N2O5	1826	1724	94.414
F12	1826	1724	94.414
COF2	1826	1724	94.414
CCL4	1826	1724	94.414
HCN	1826	1724	94.414
F14	1826	1724	94.414
F22	1826	1724	94.414



## 2.2.2 Pressure overview

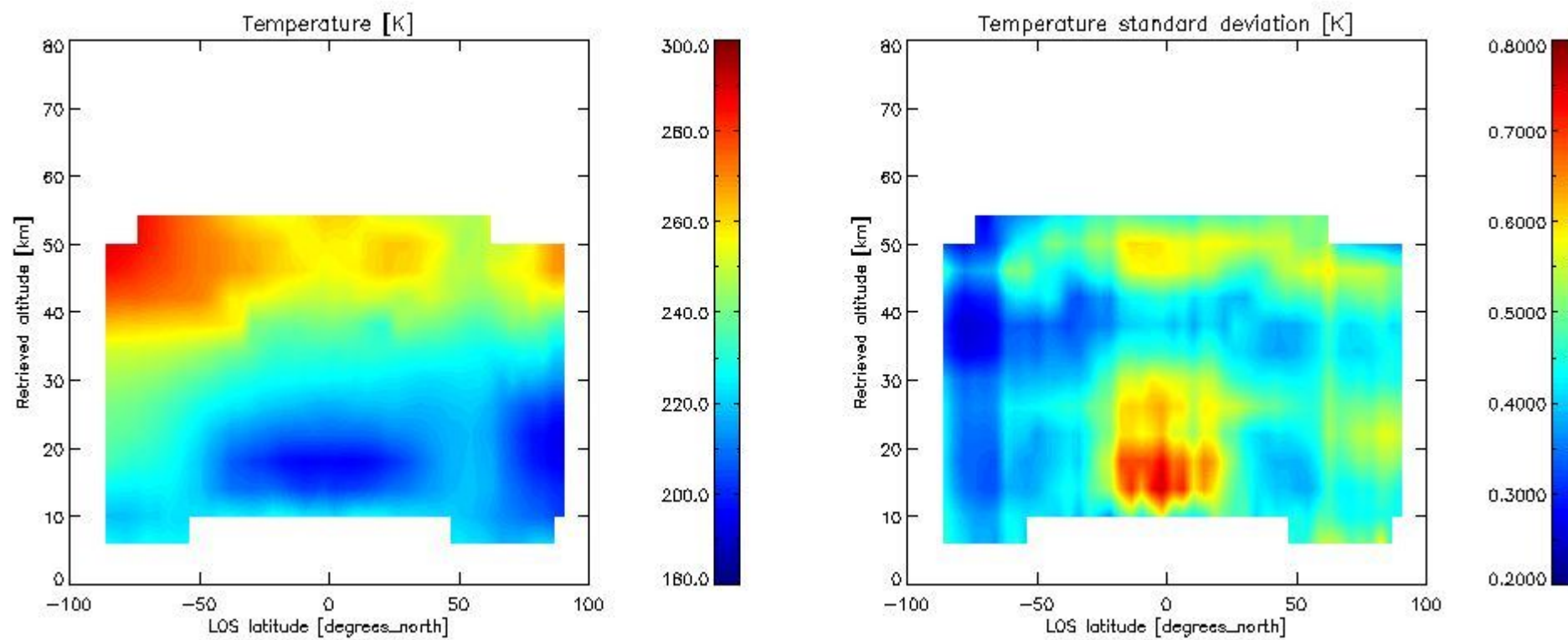


This section shows values (left) and error (right) for pressure after binning individual sweep values over retrieved altitude and tangent latitude.



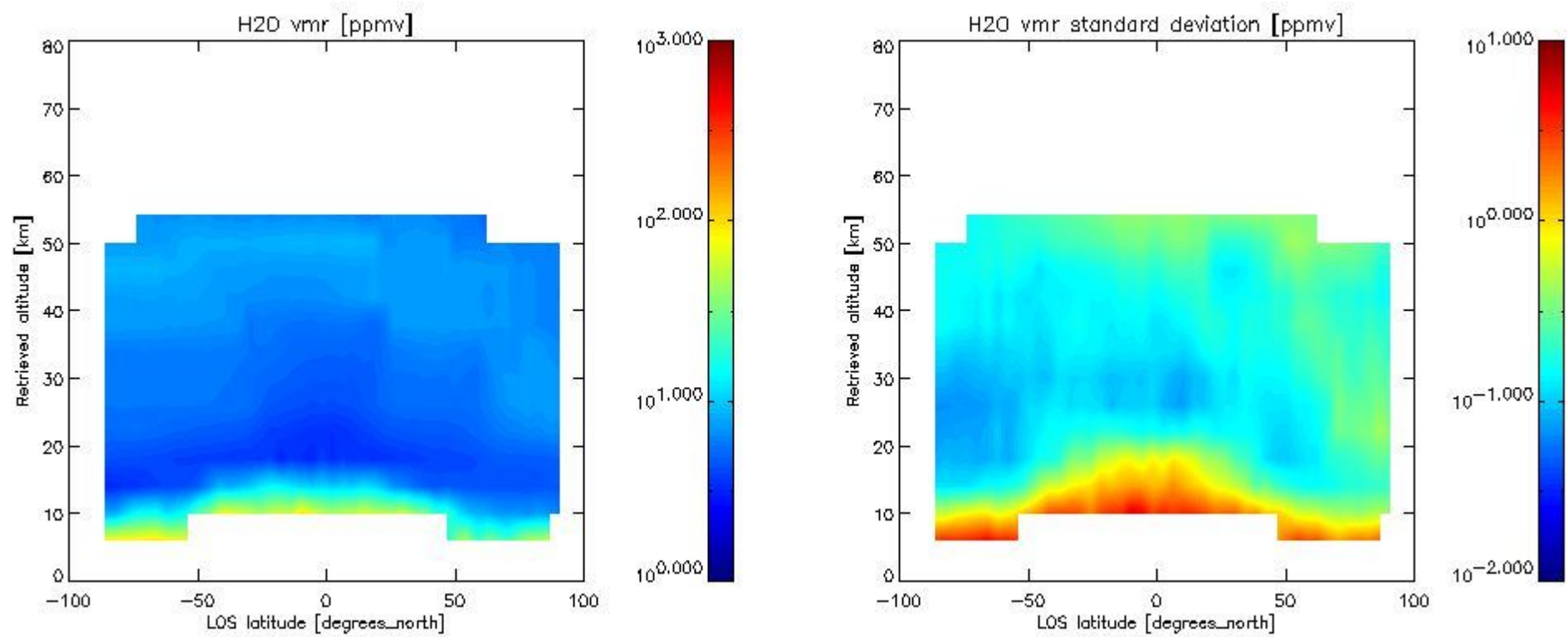
### 2.2.3 Temperature overview

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

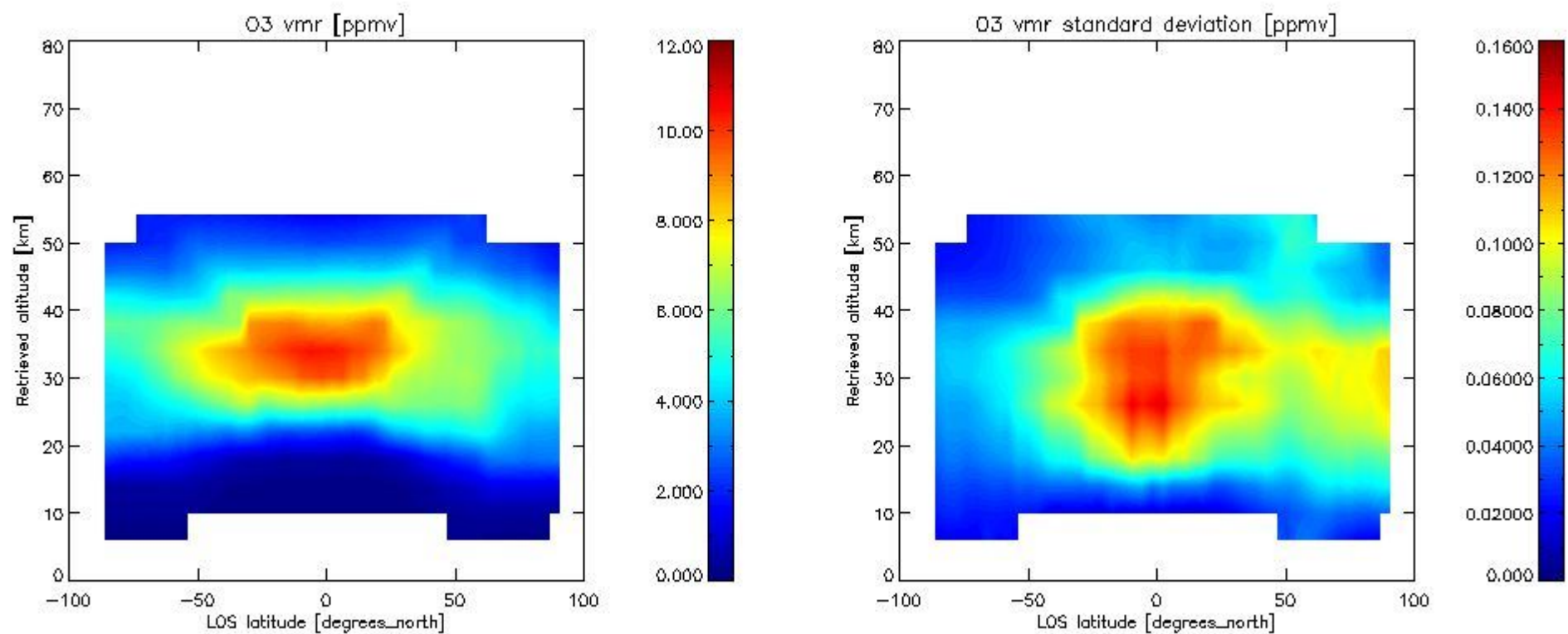


### 2.2.4 Species overview

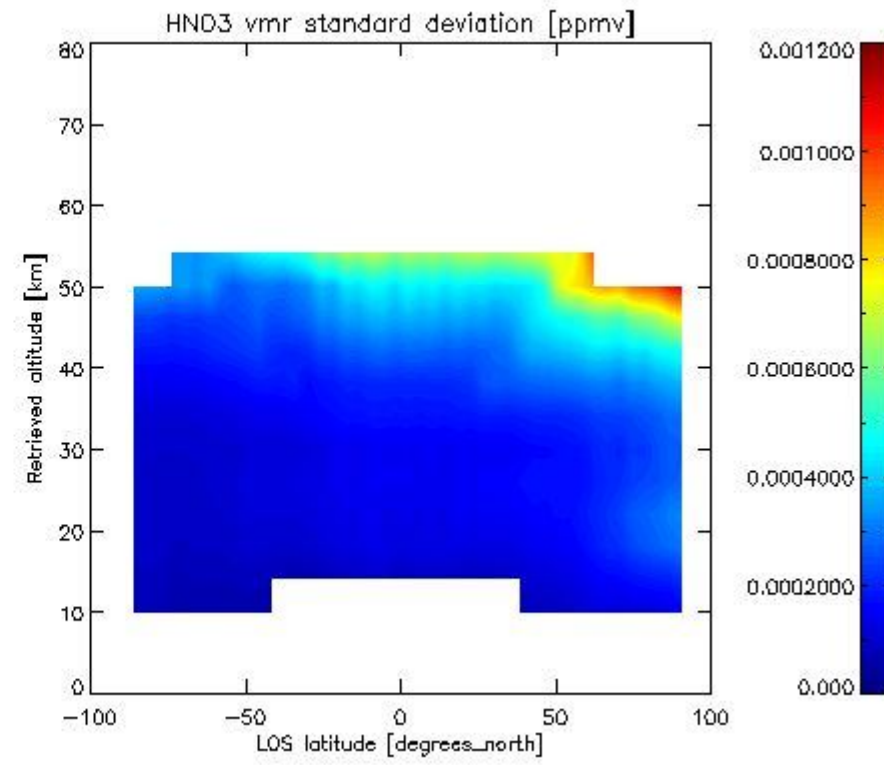
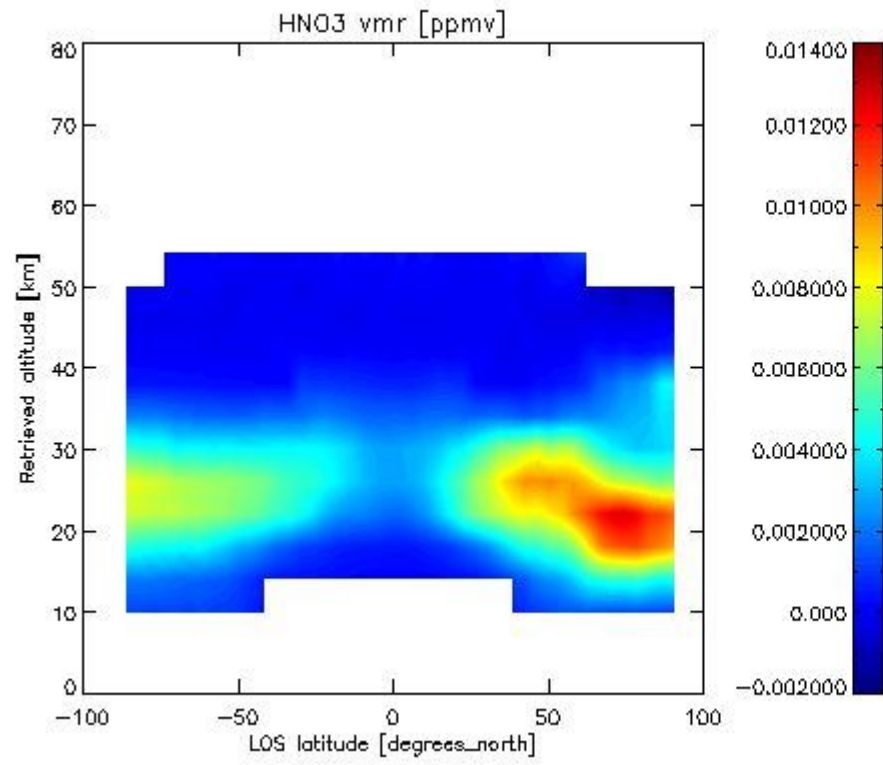
**2.2.4.1 H2O overview** This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



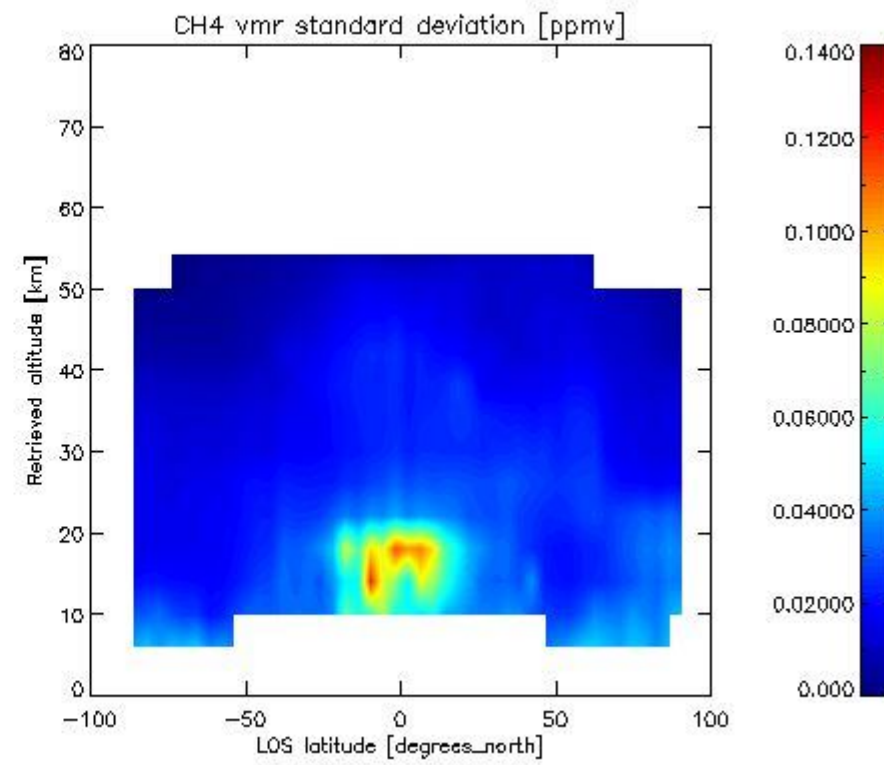
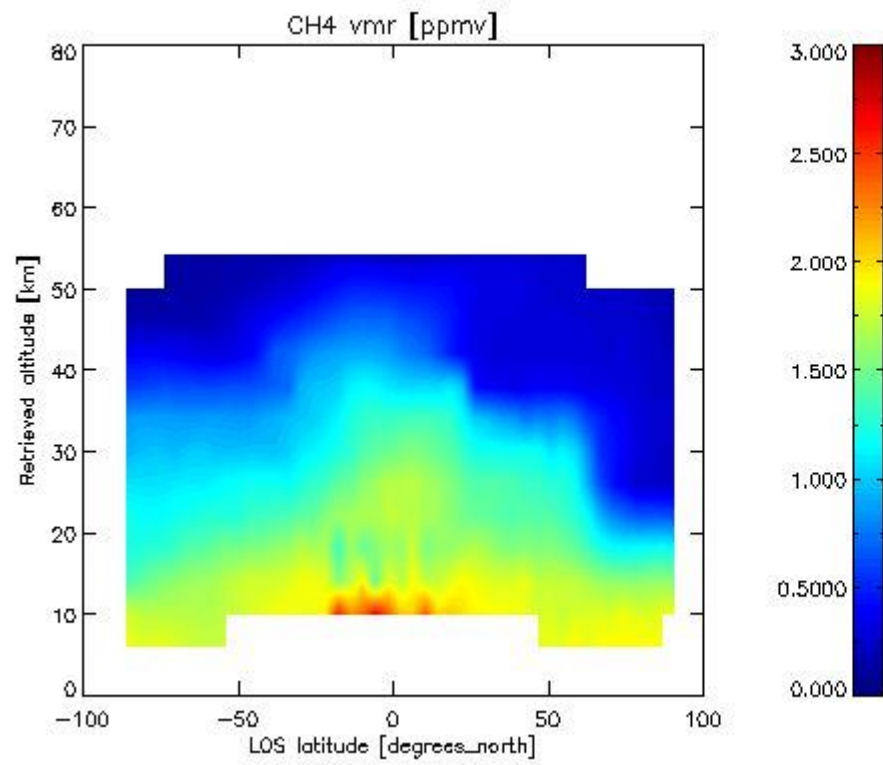
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



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.

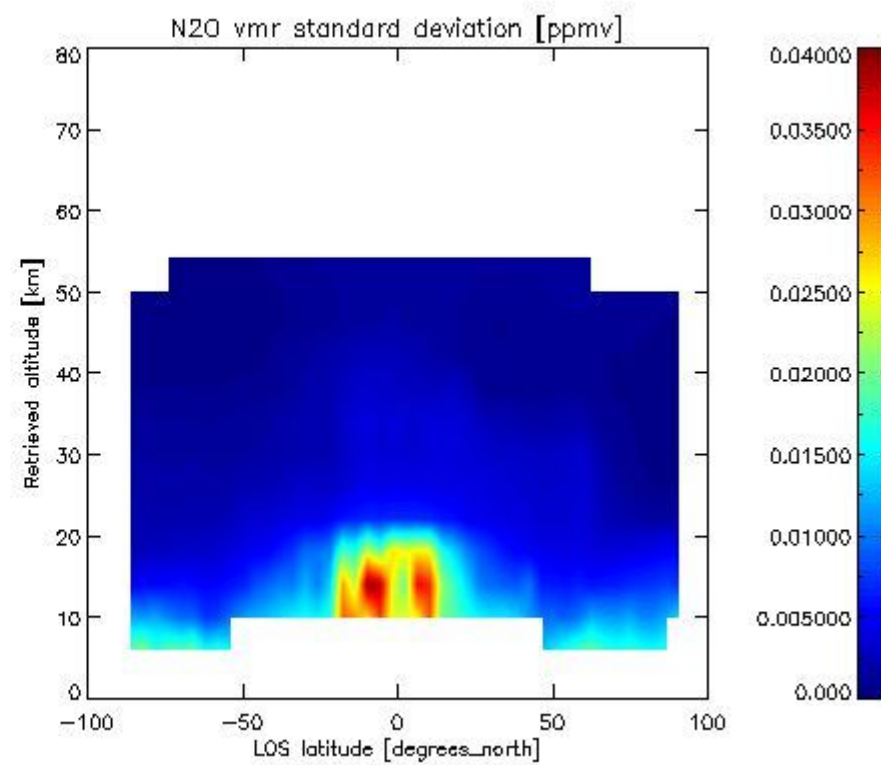
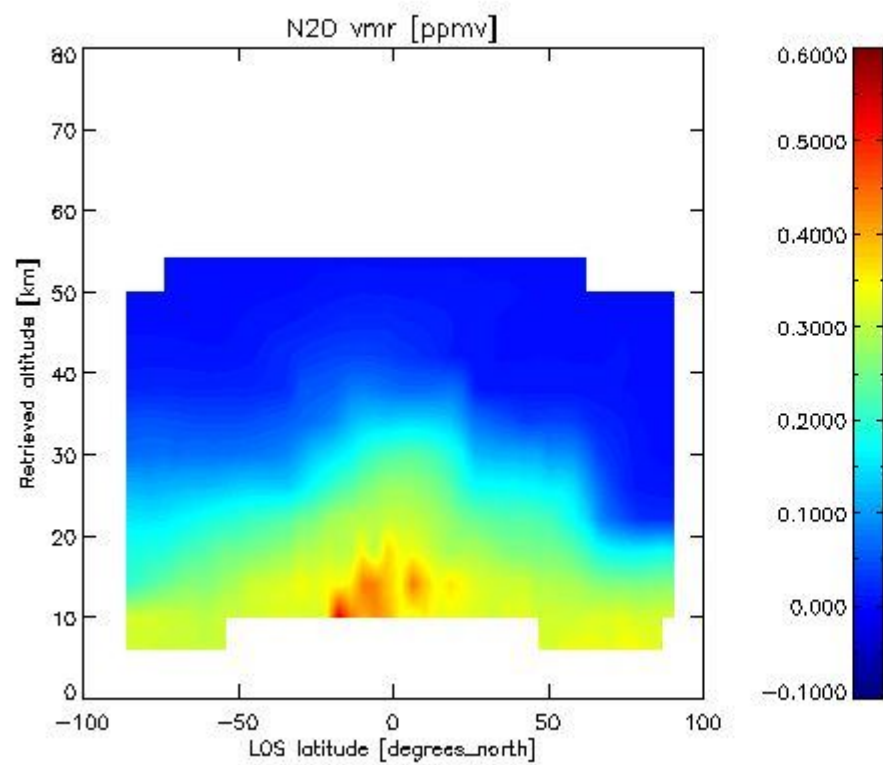


2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.

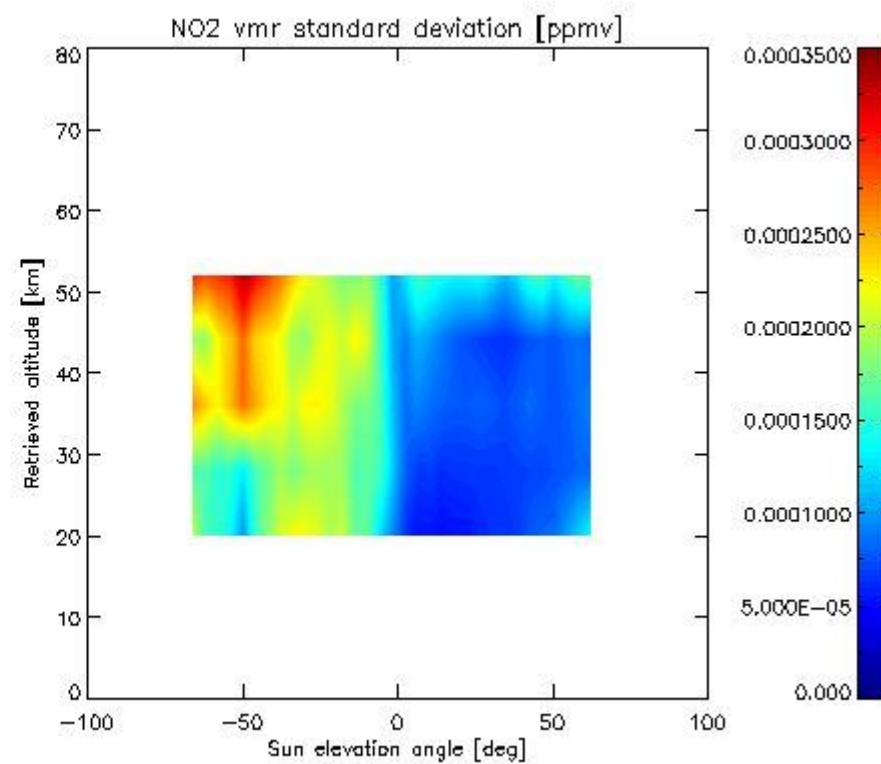
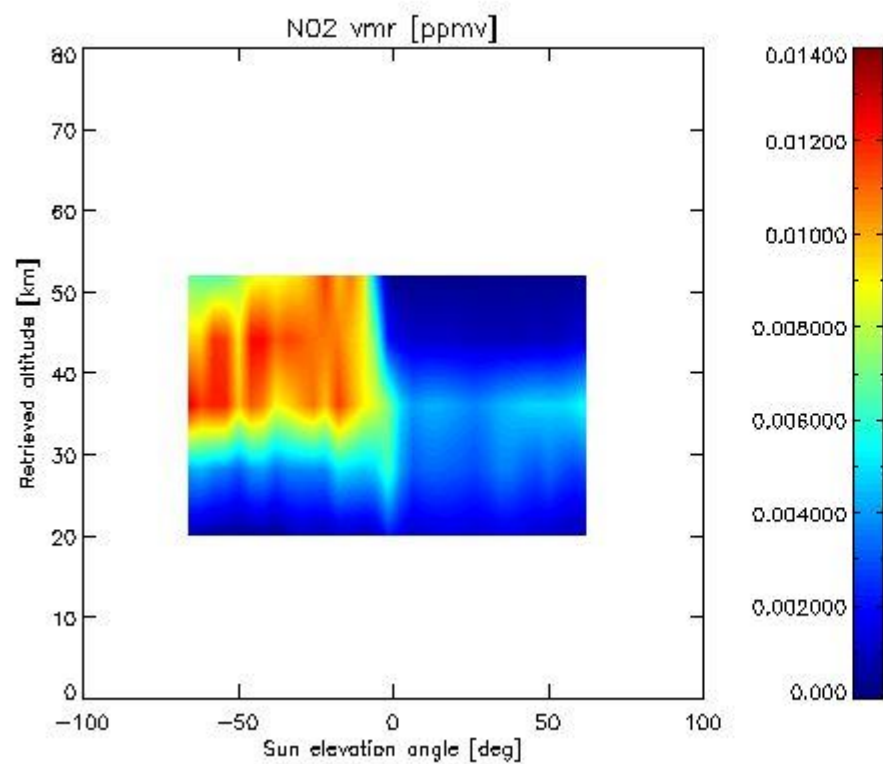


2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.

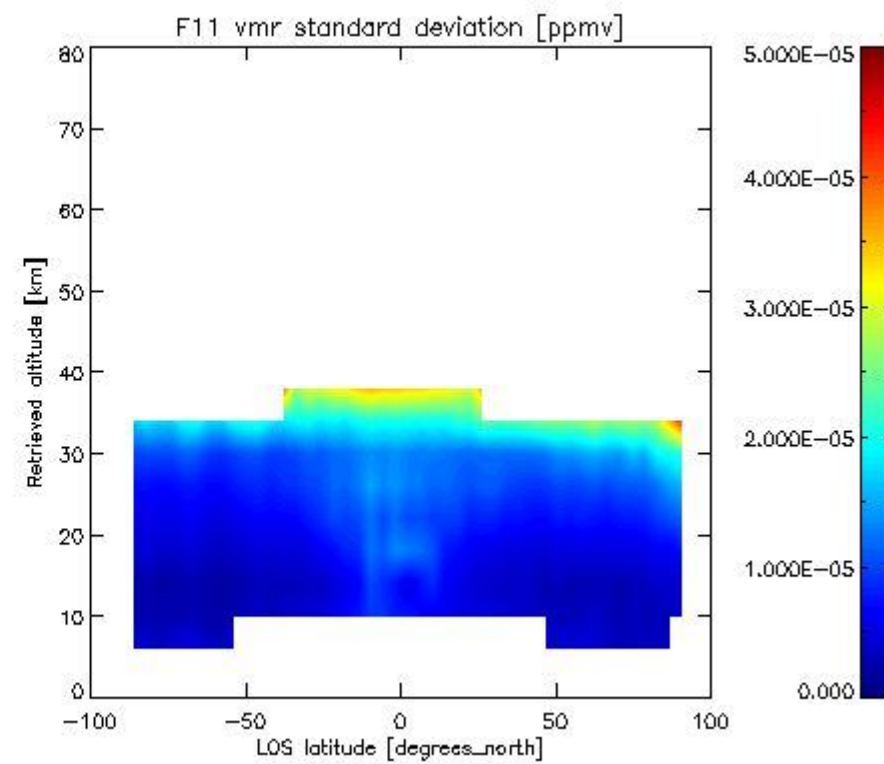
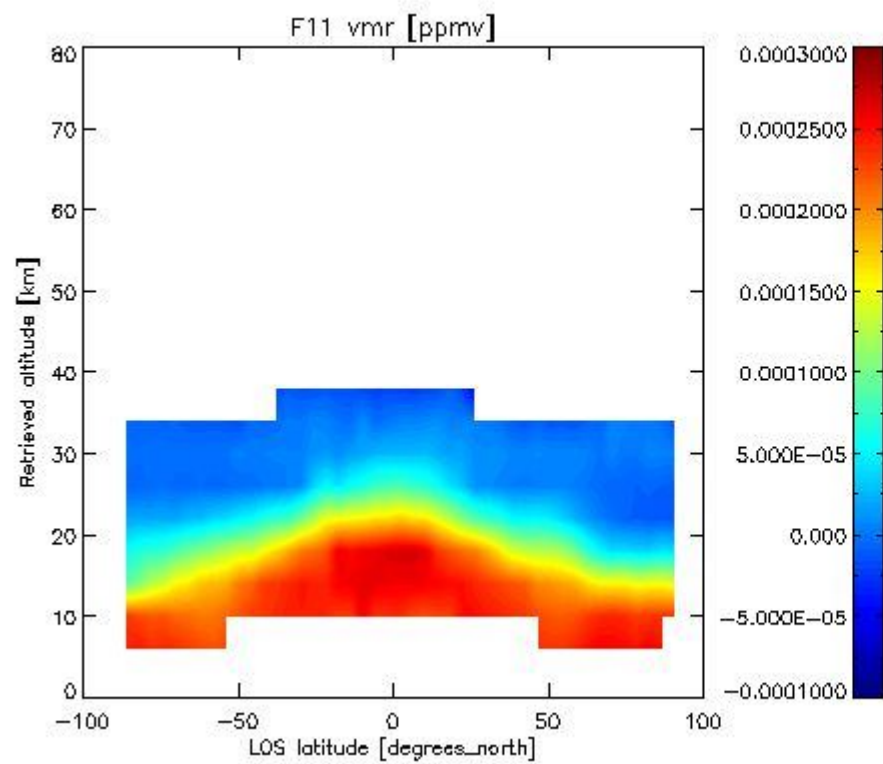




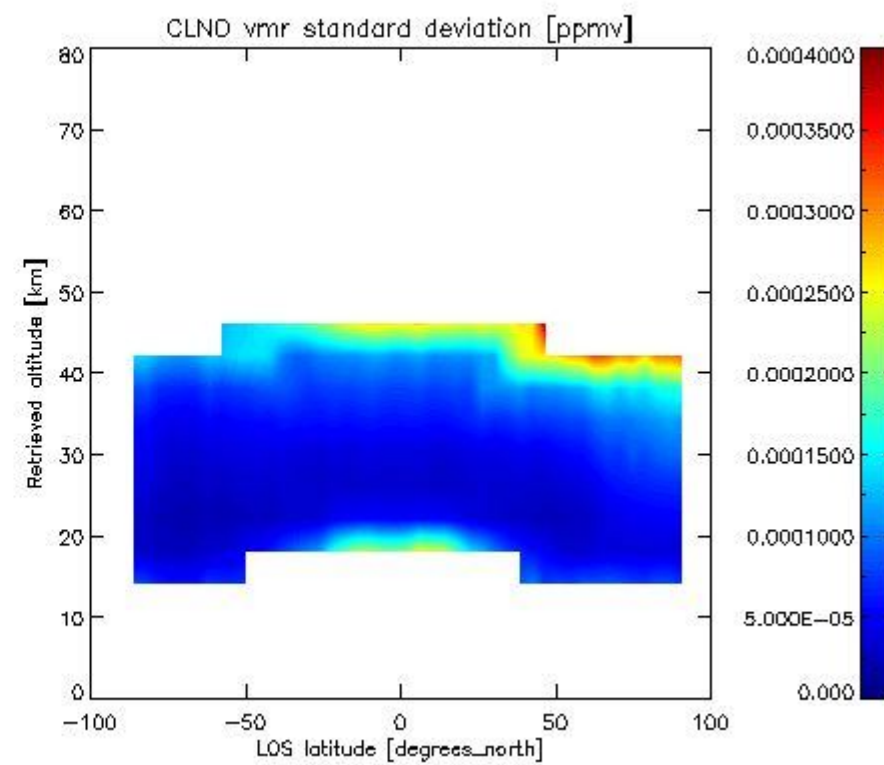
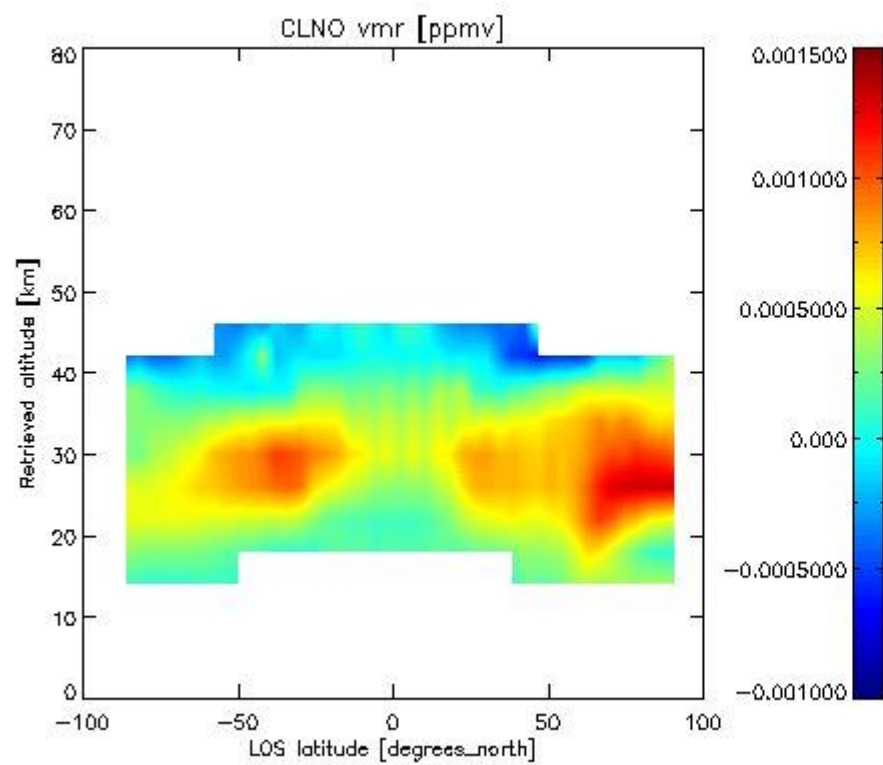
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.



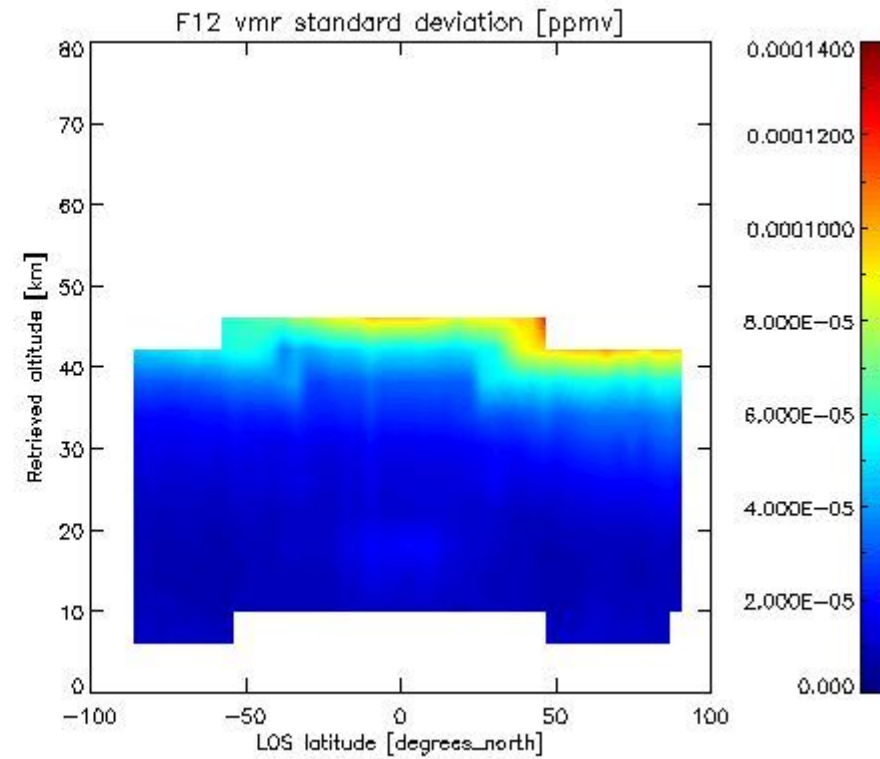
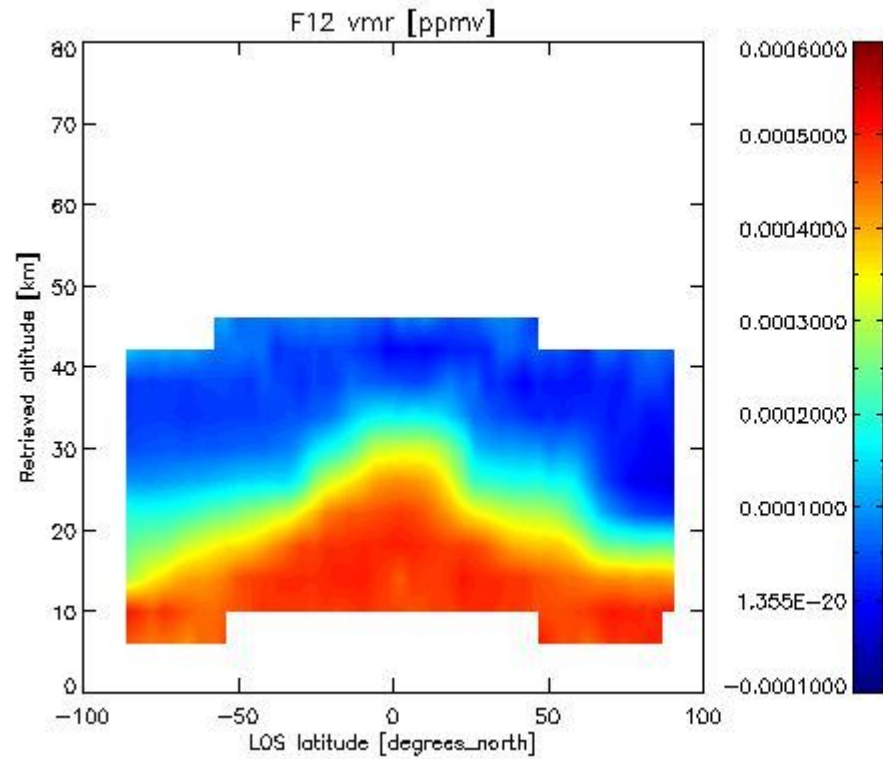
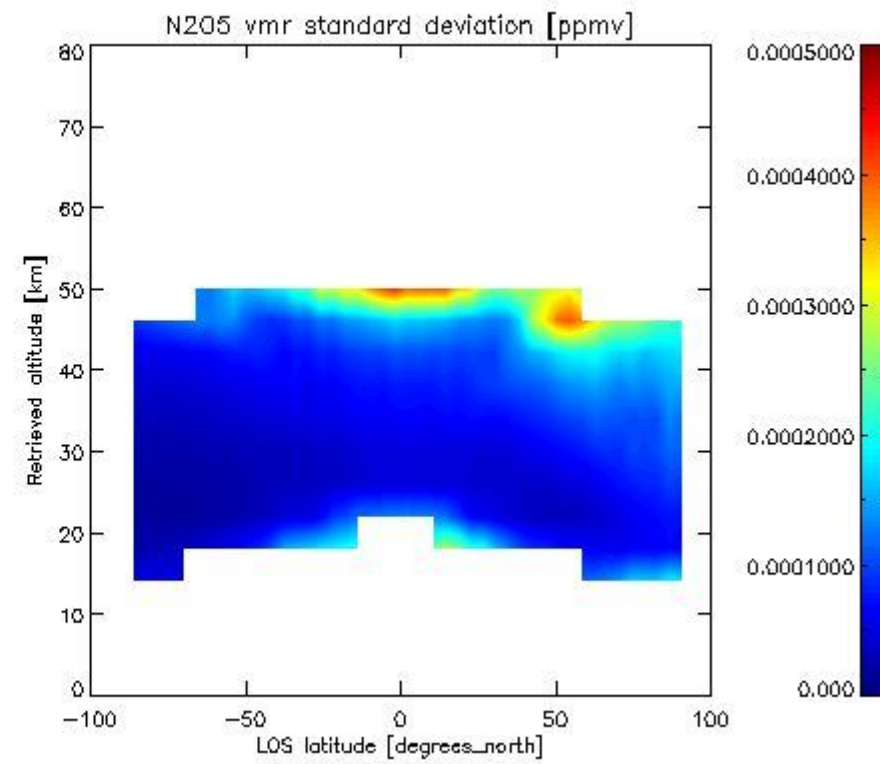
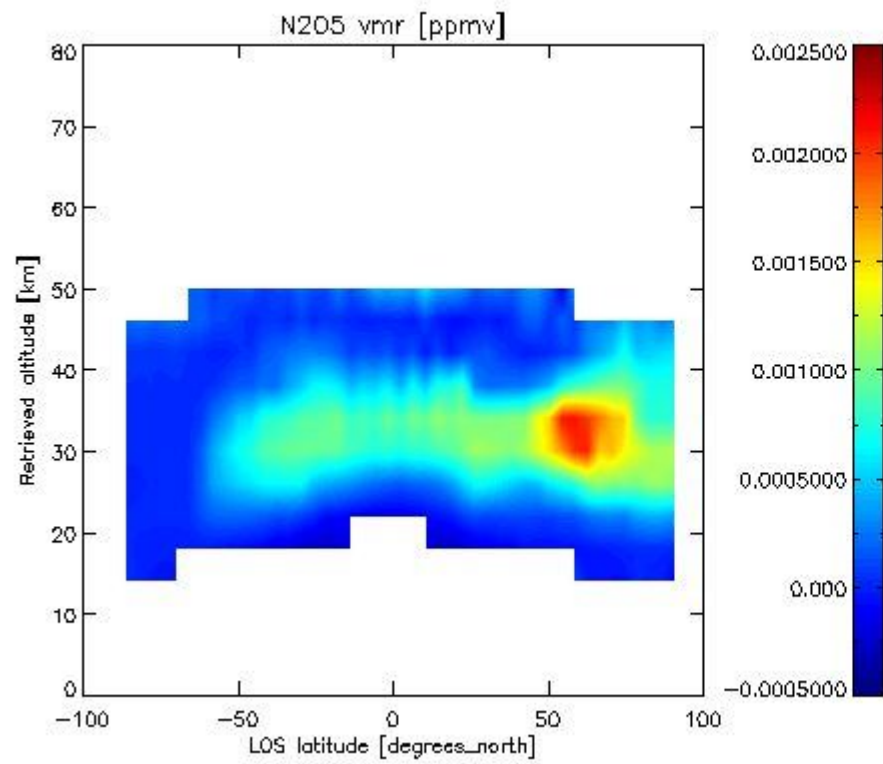
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



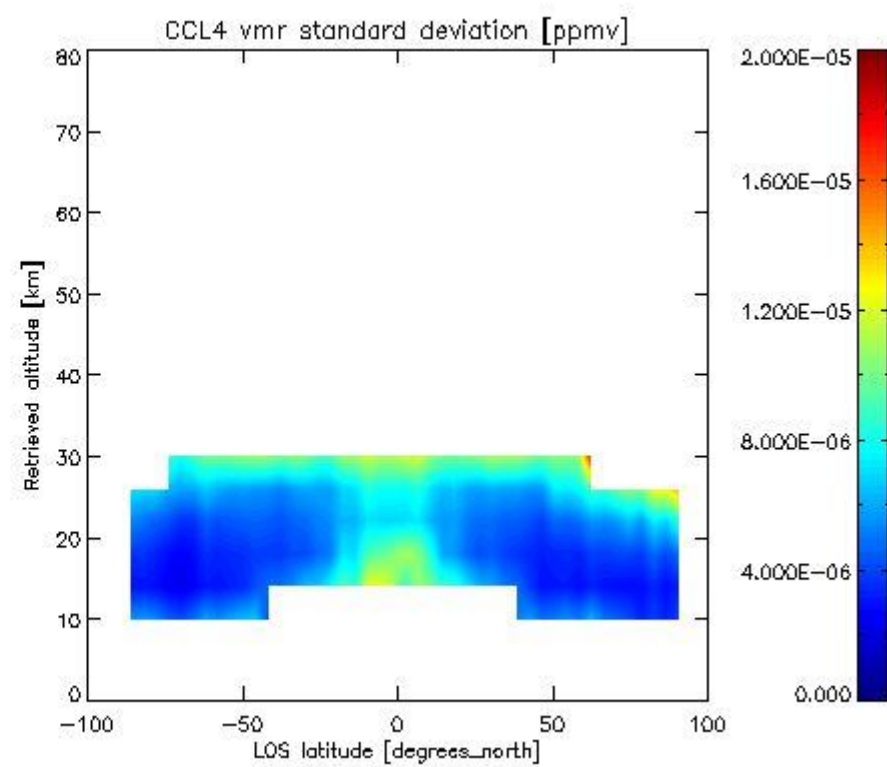
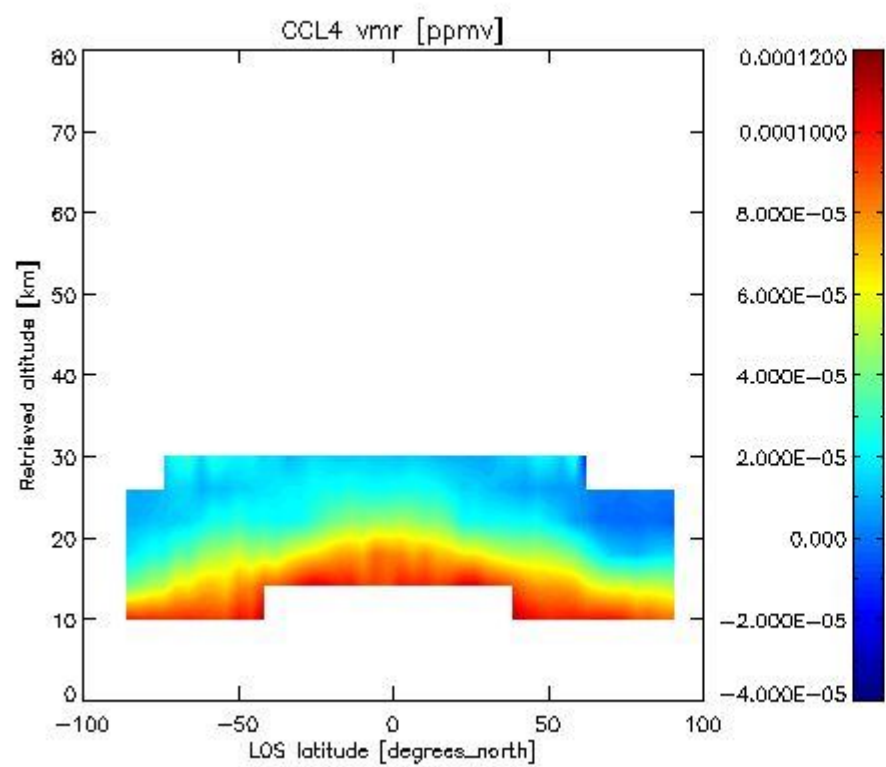
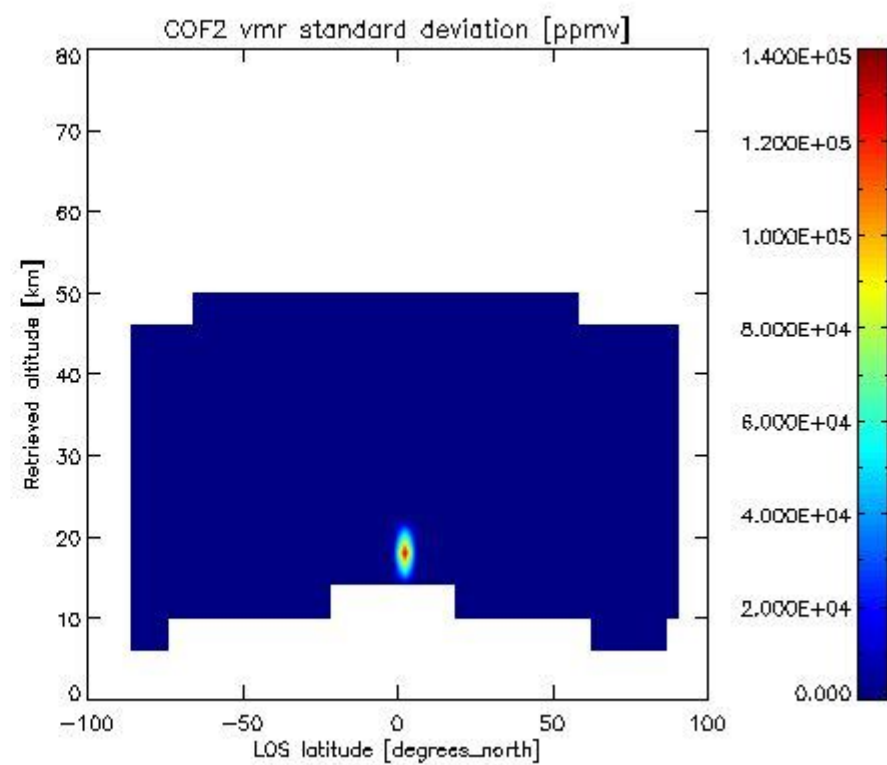
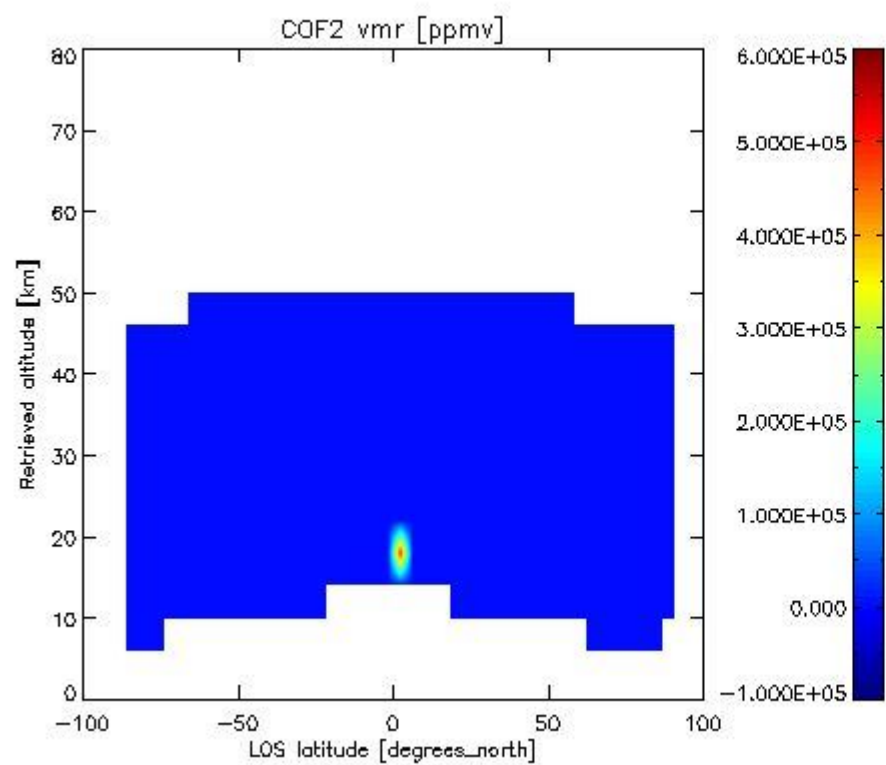
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

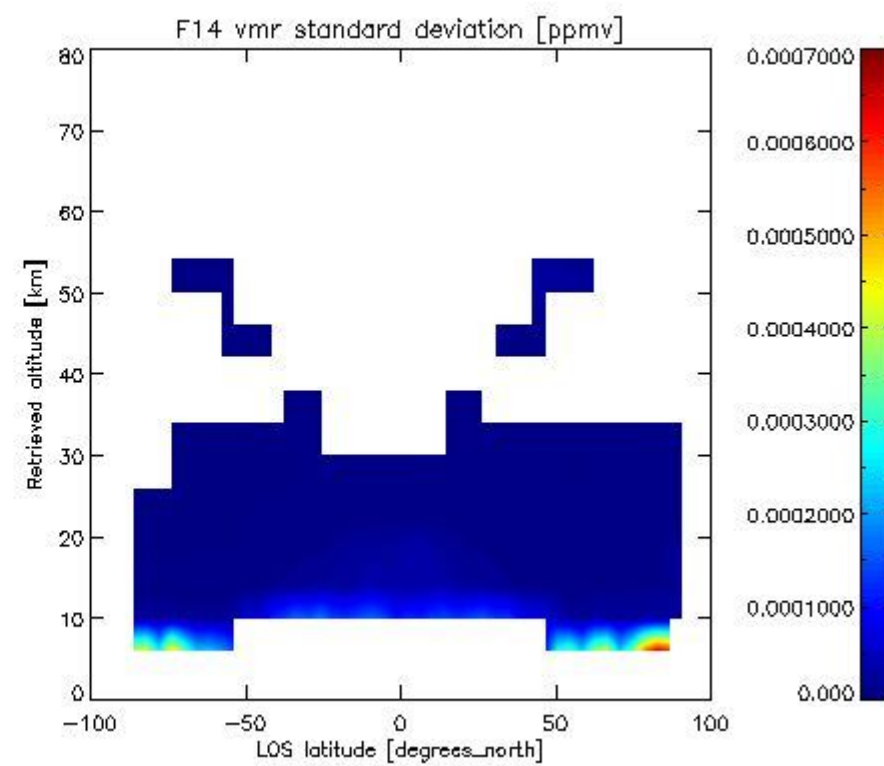
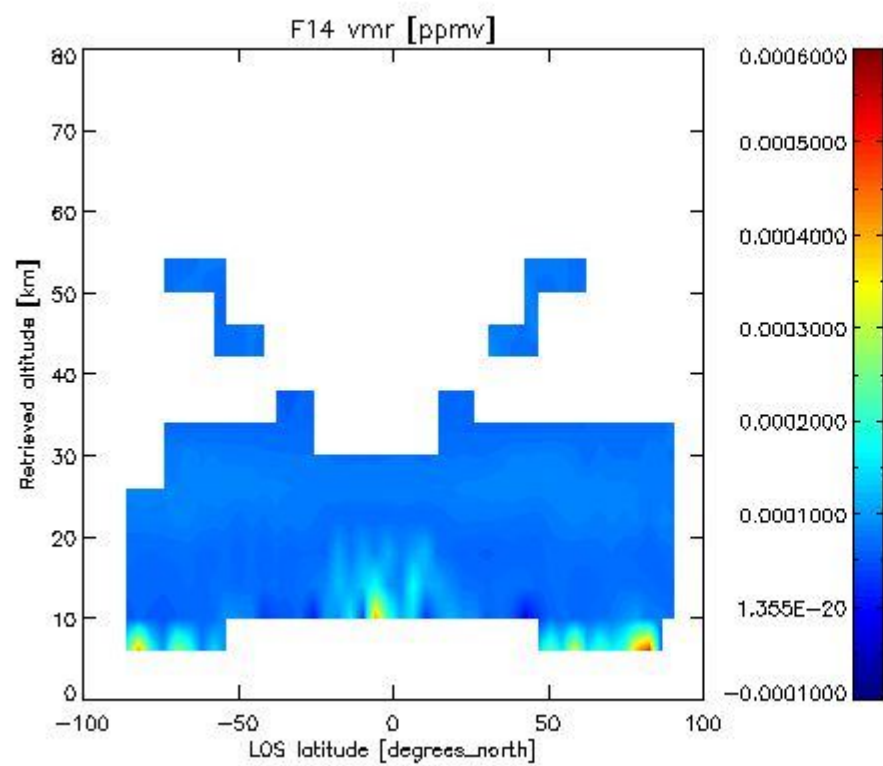
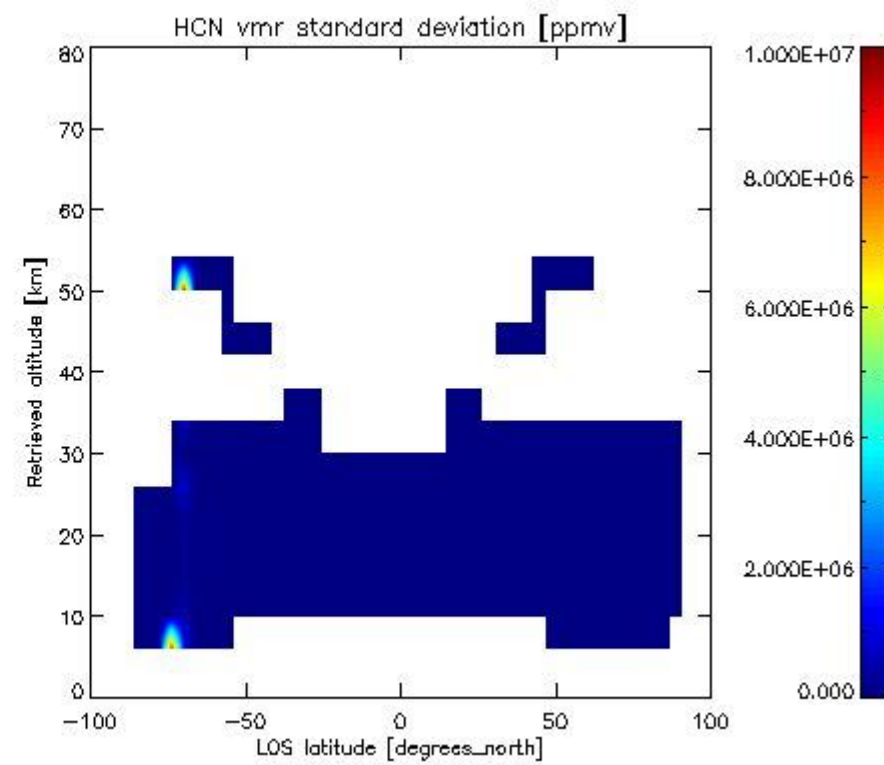
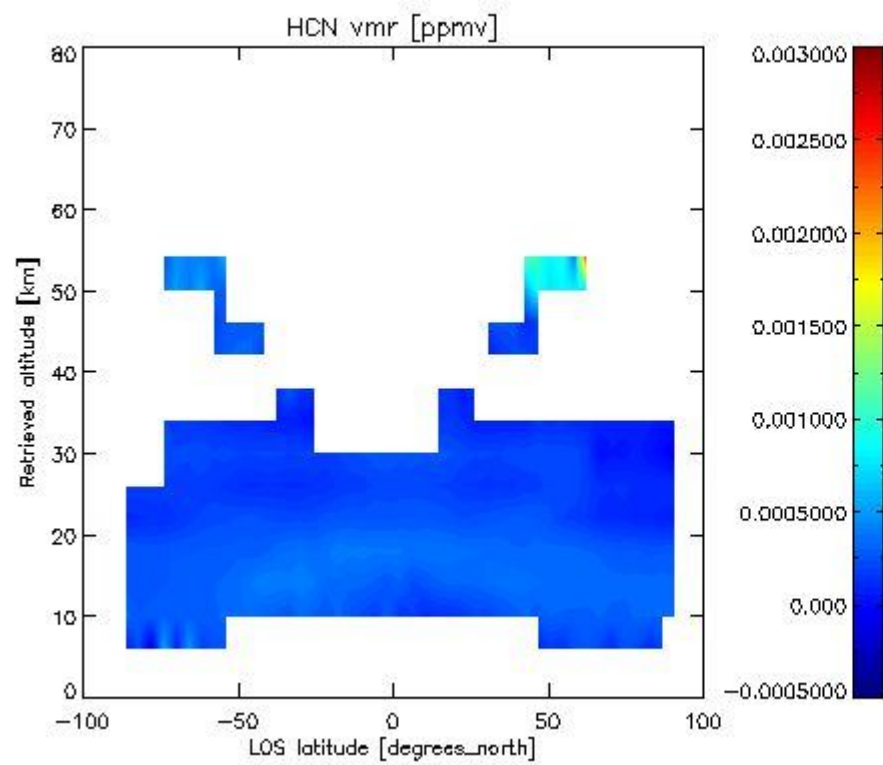


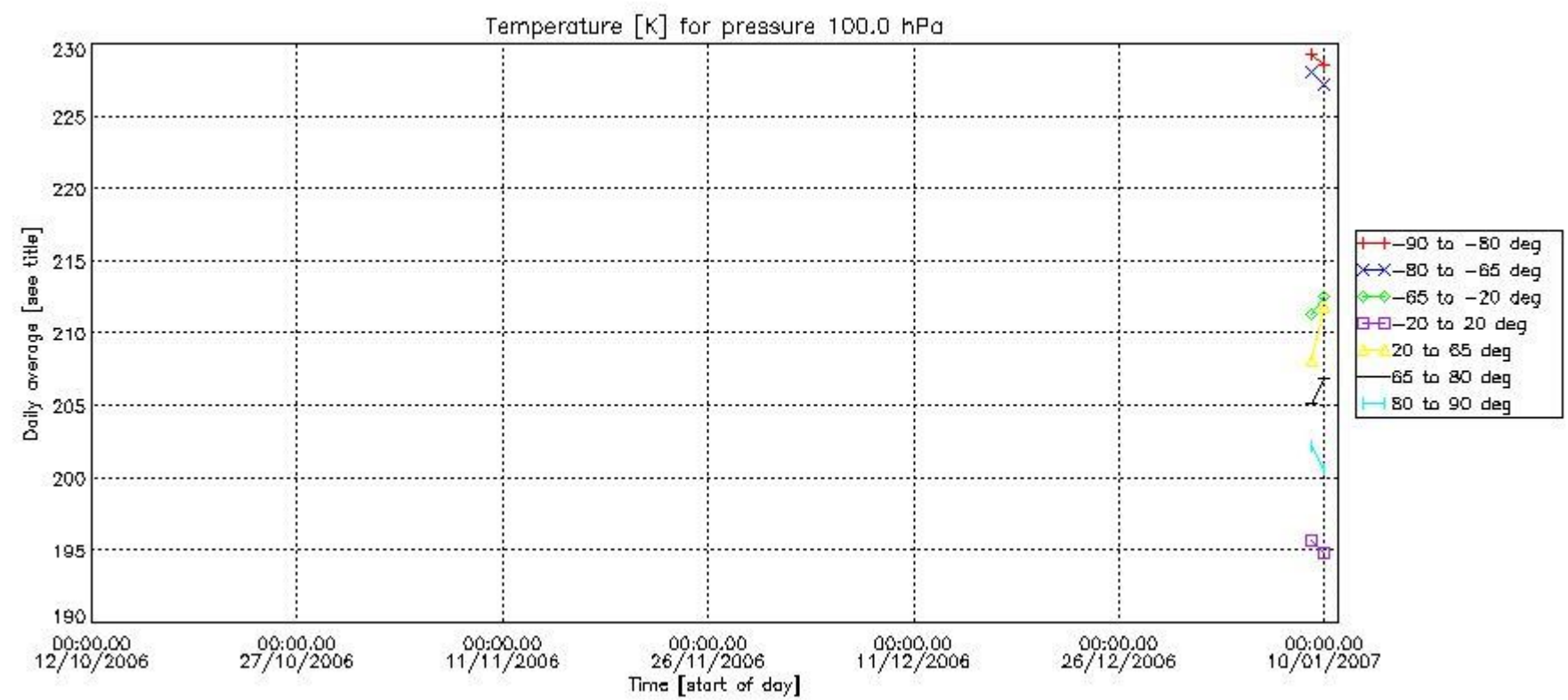
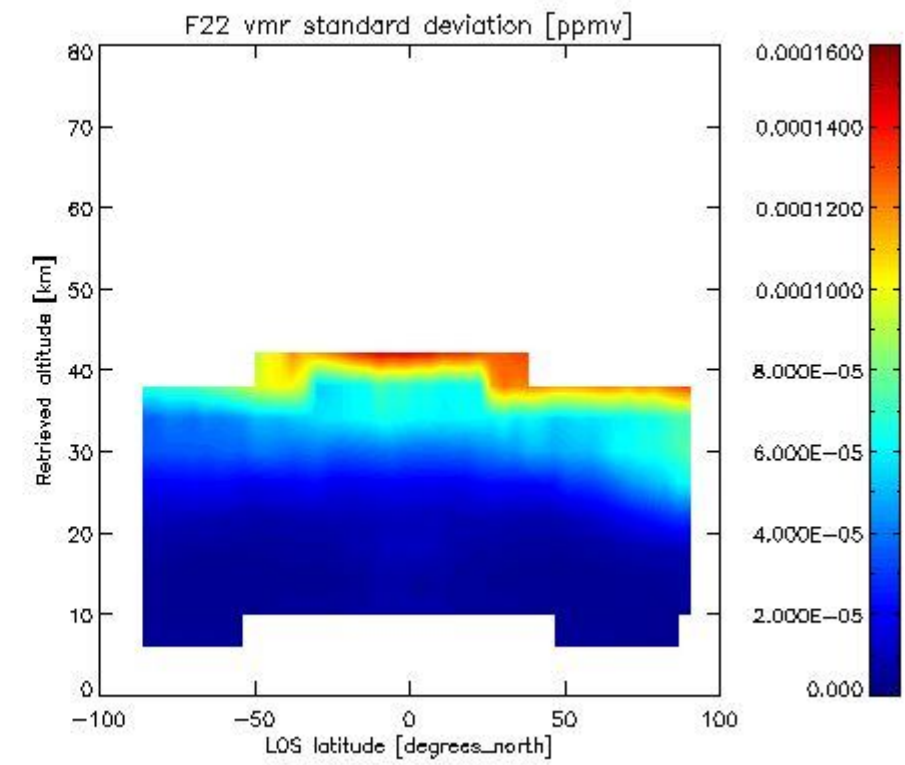
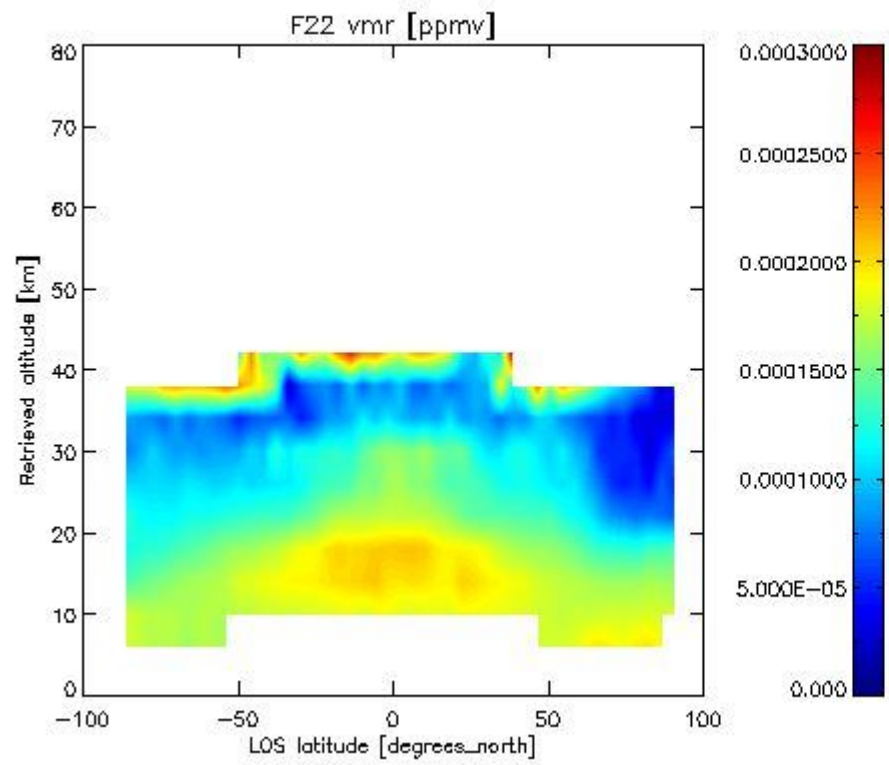
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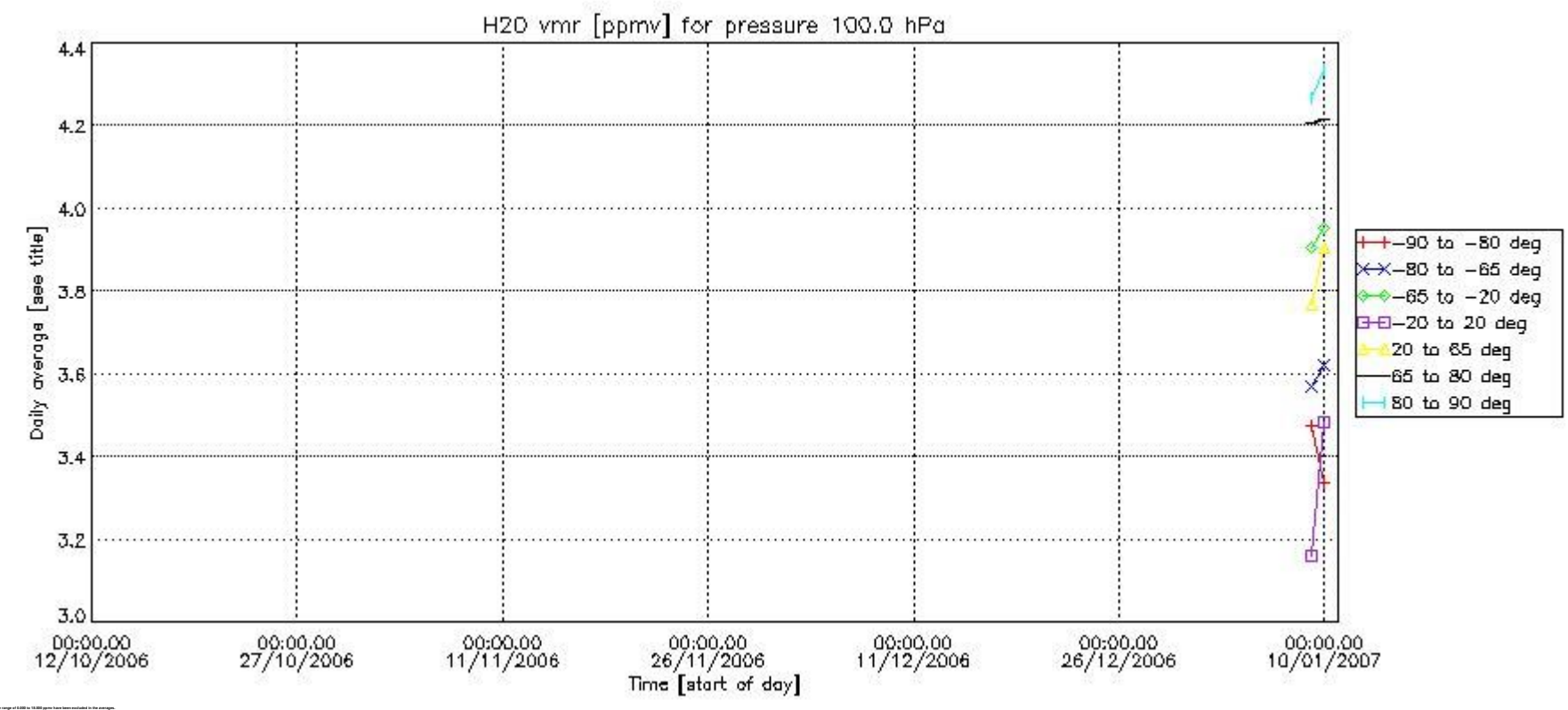
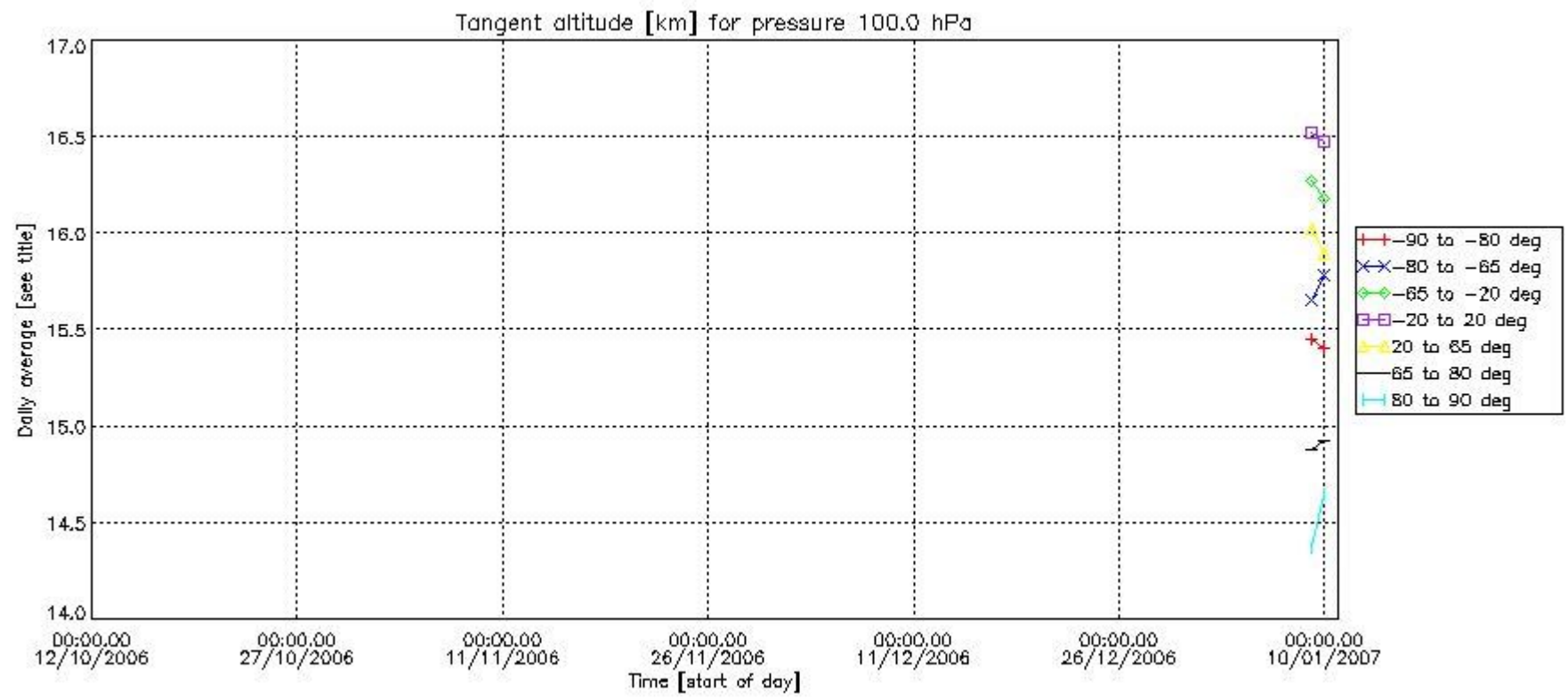


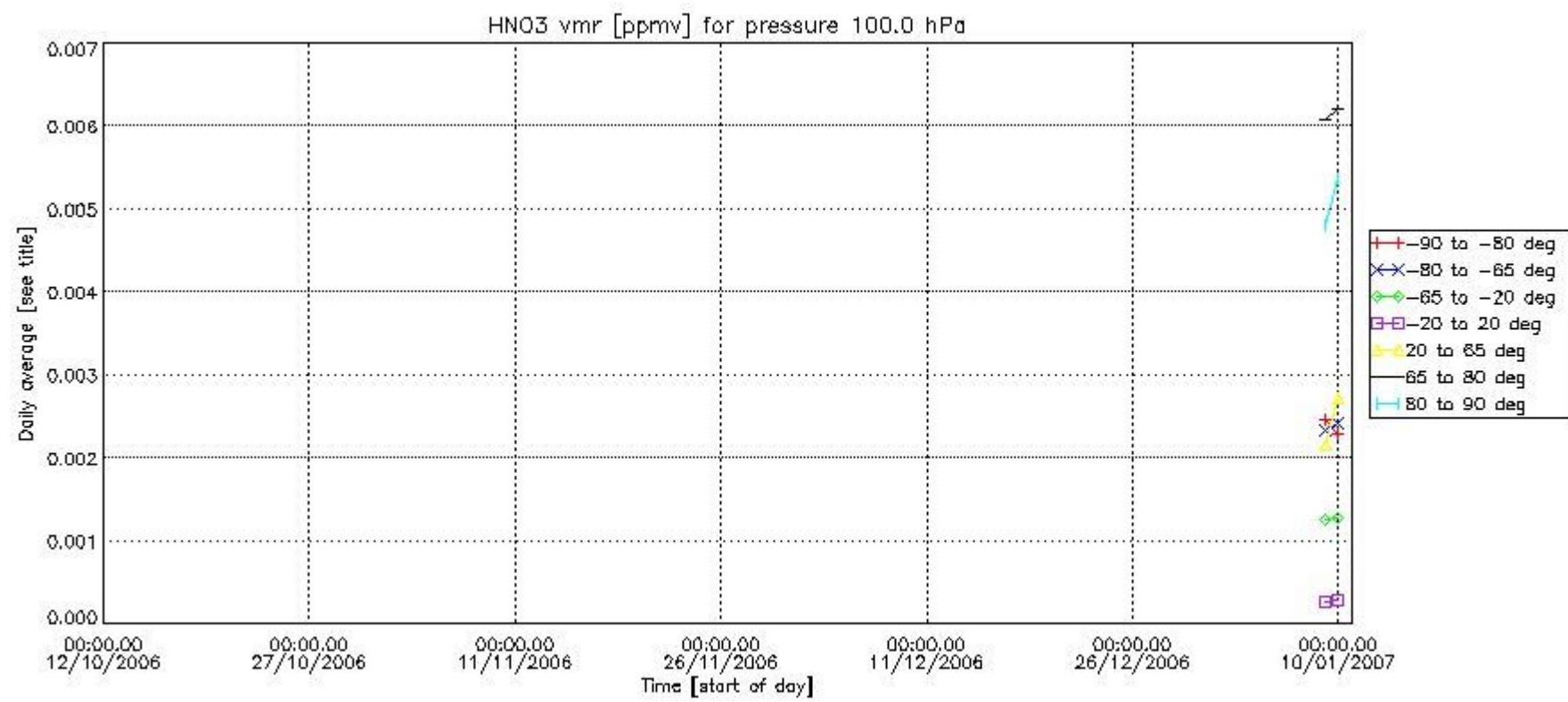
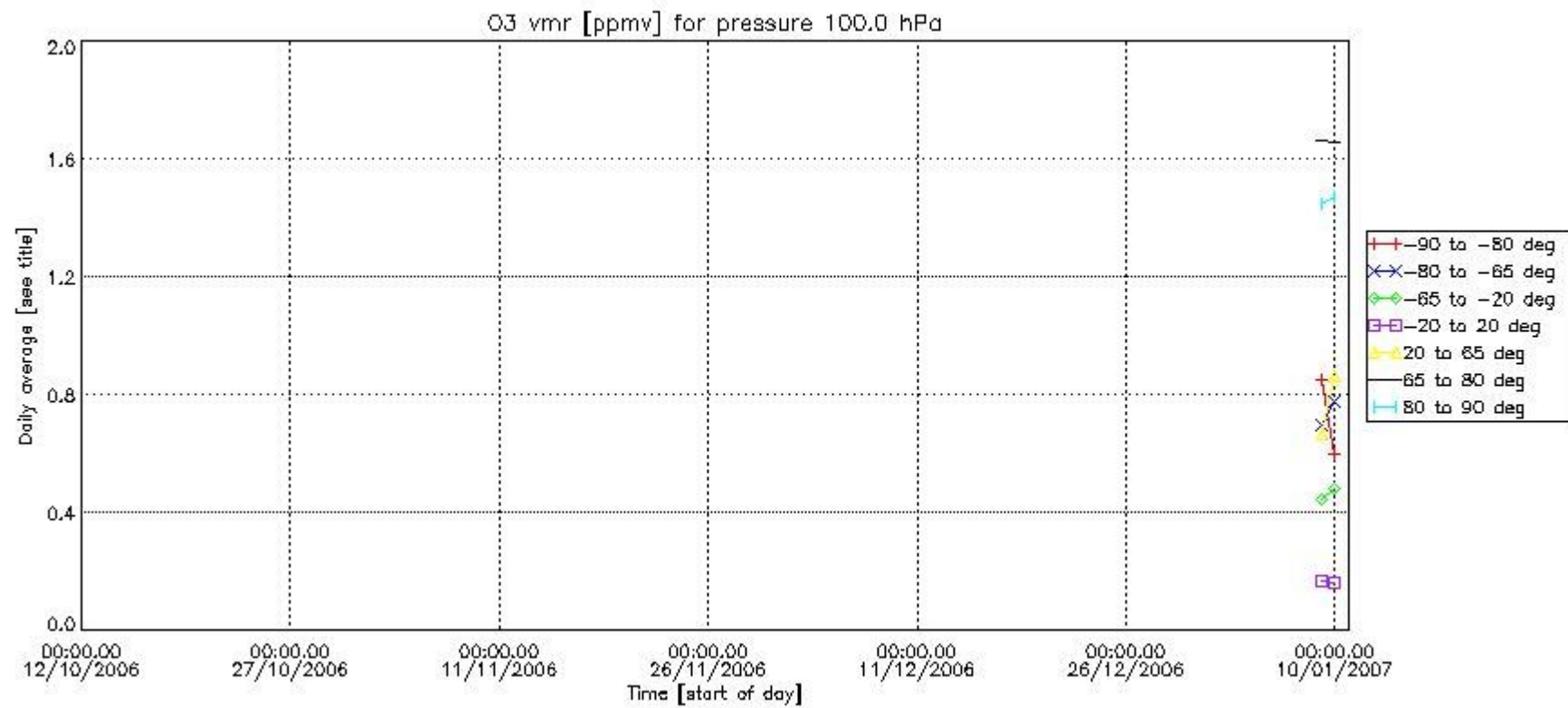


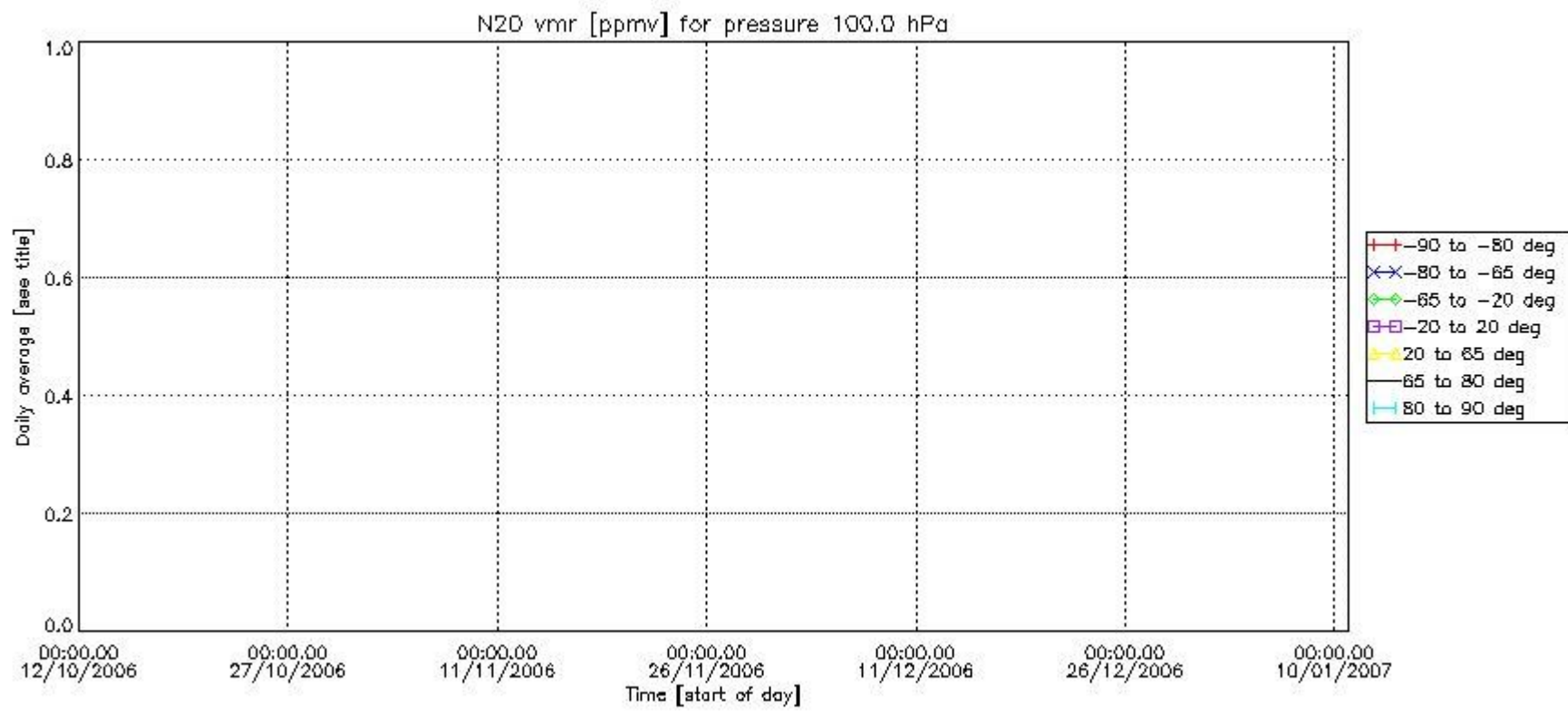
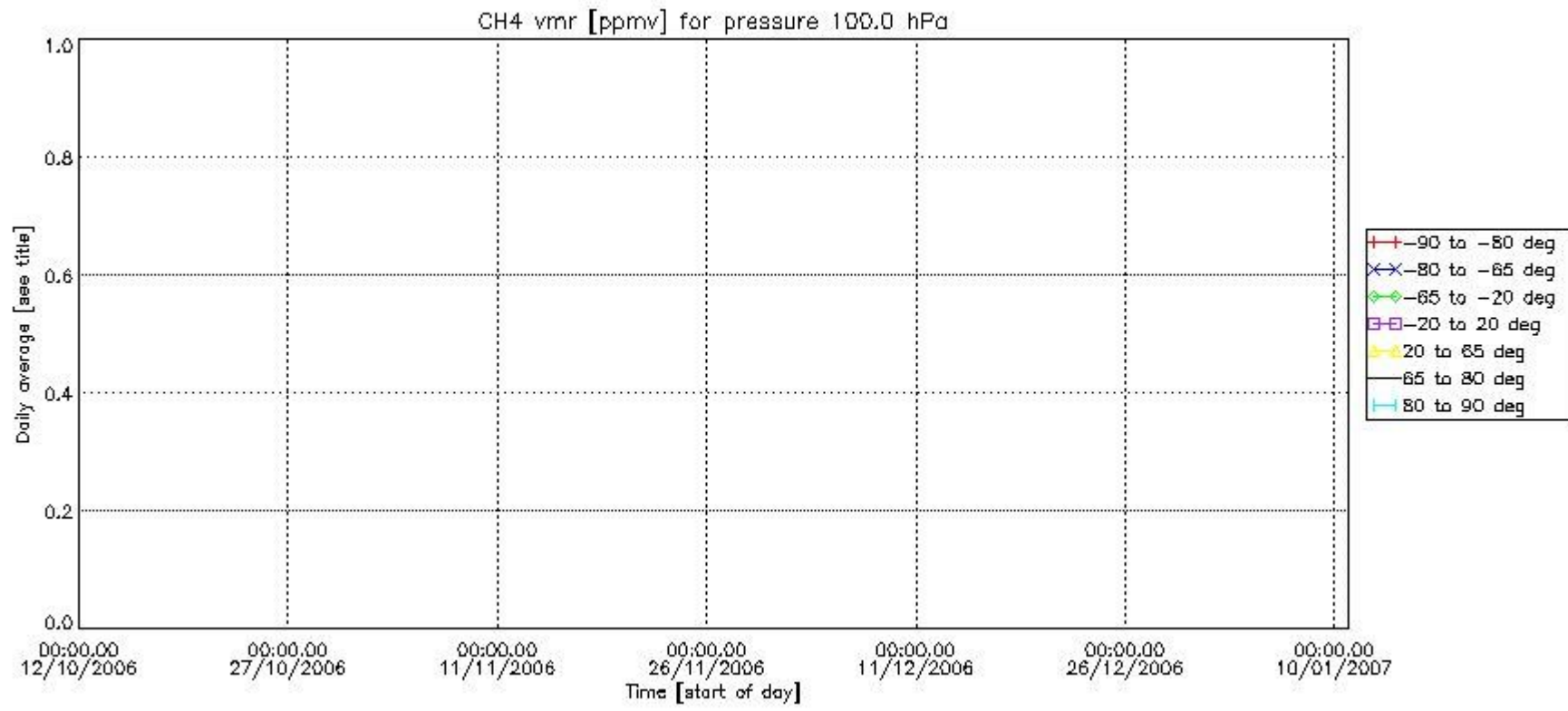




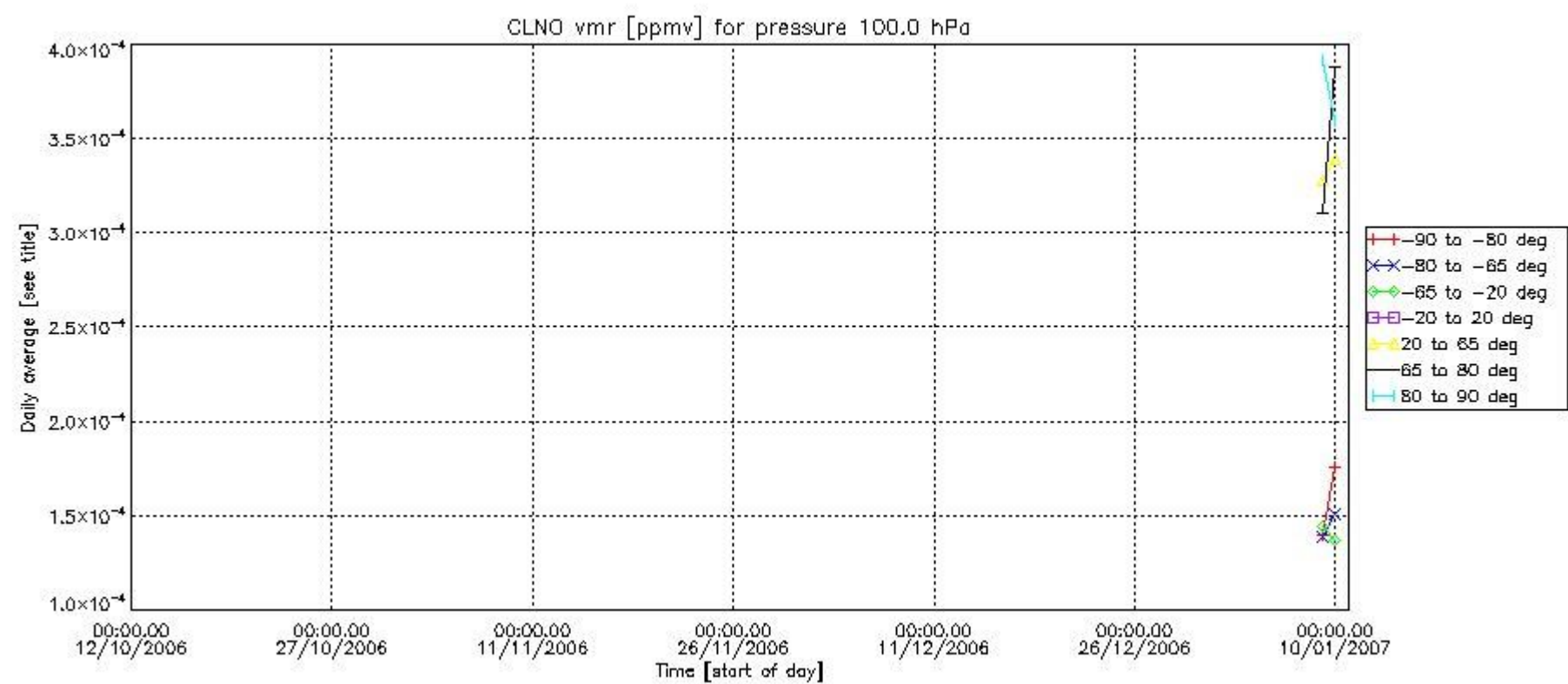
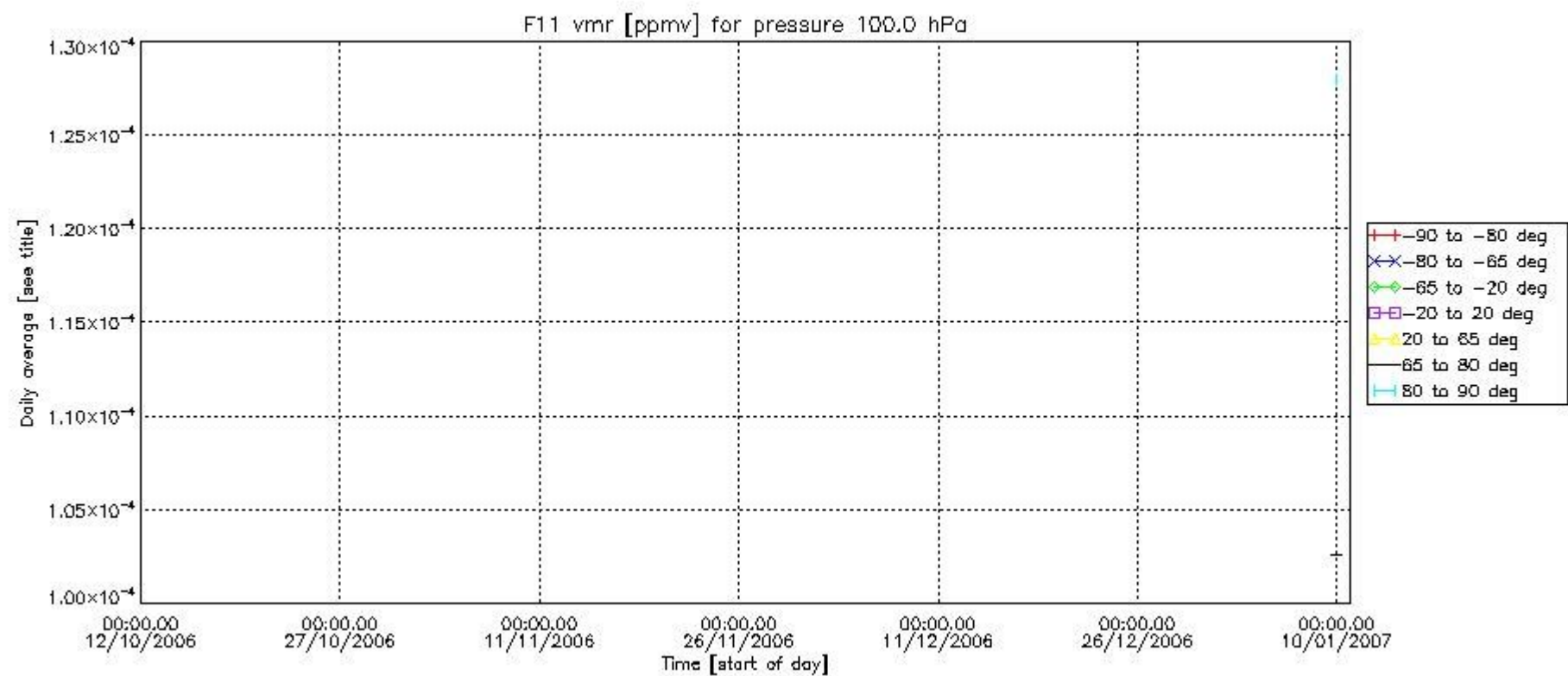


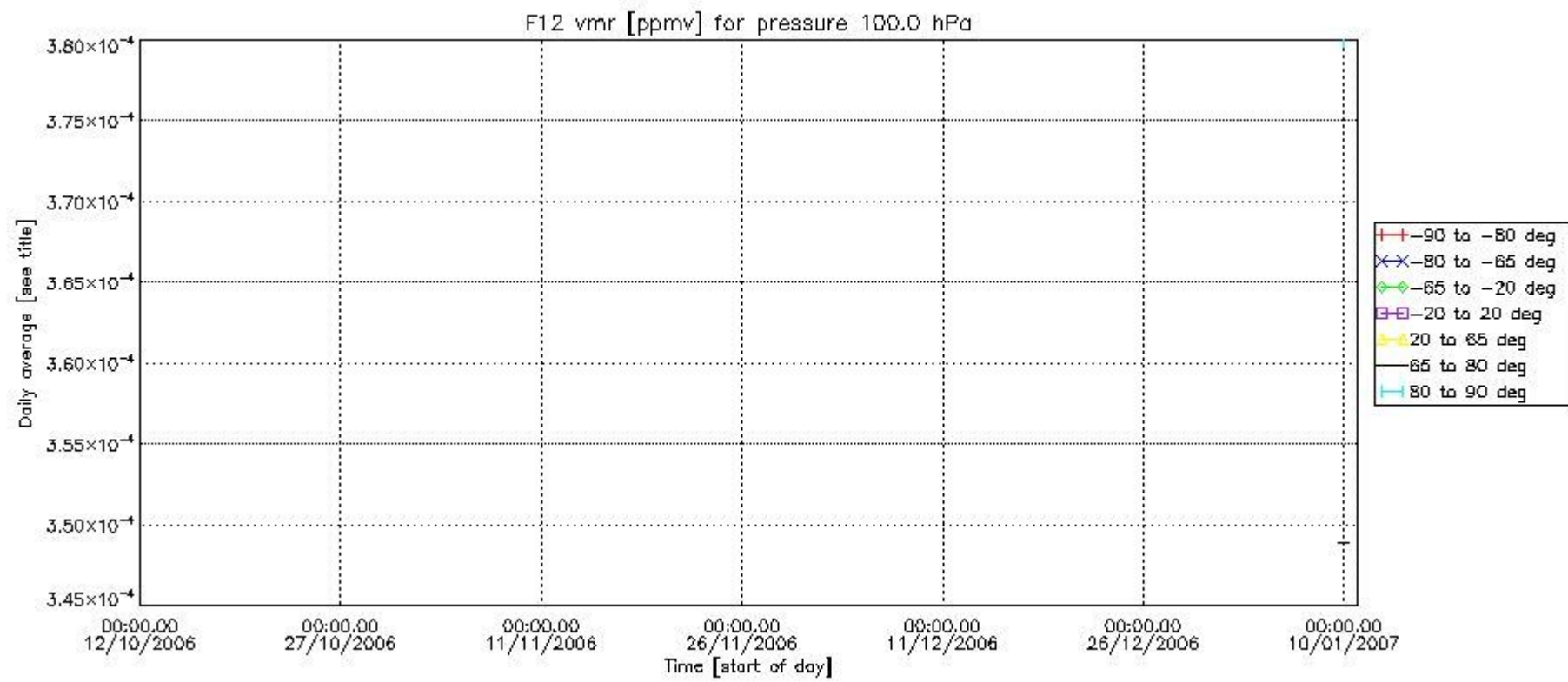
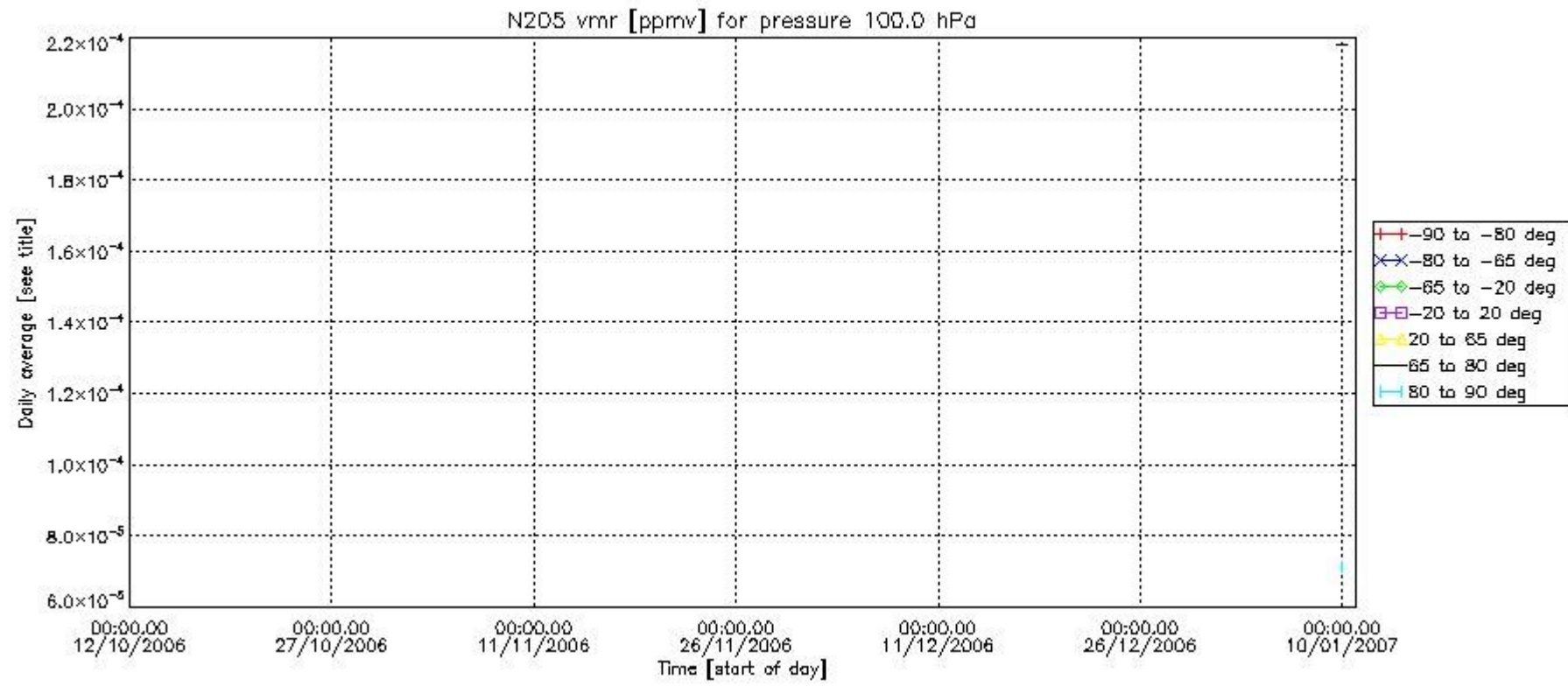


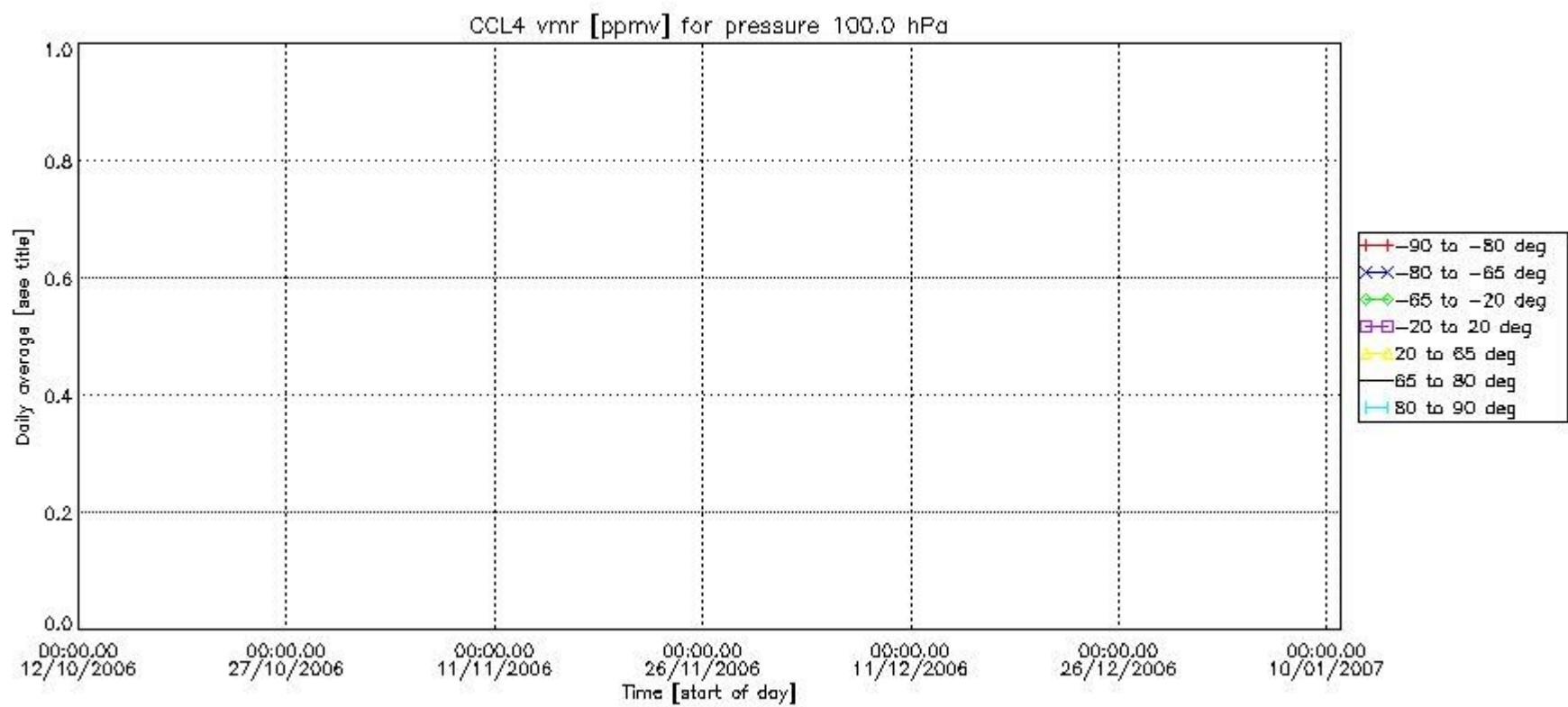
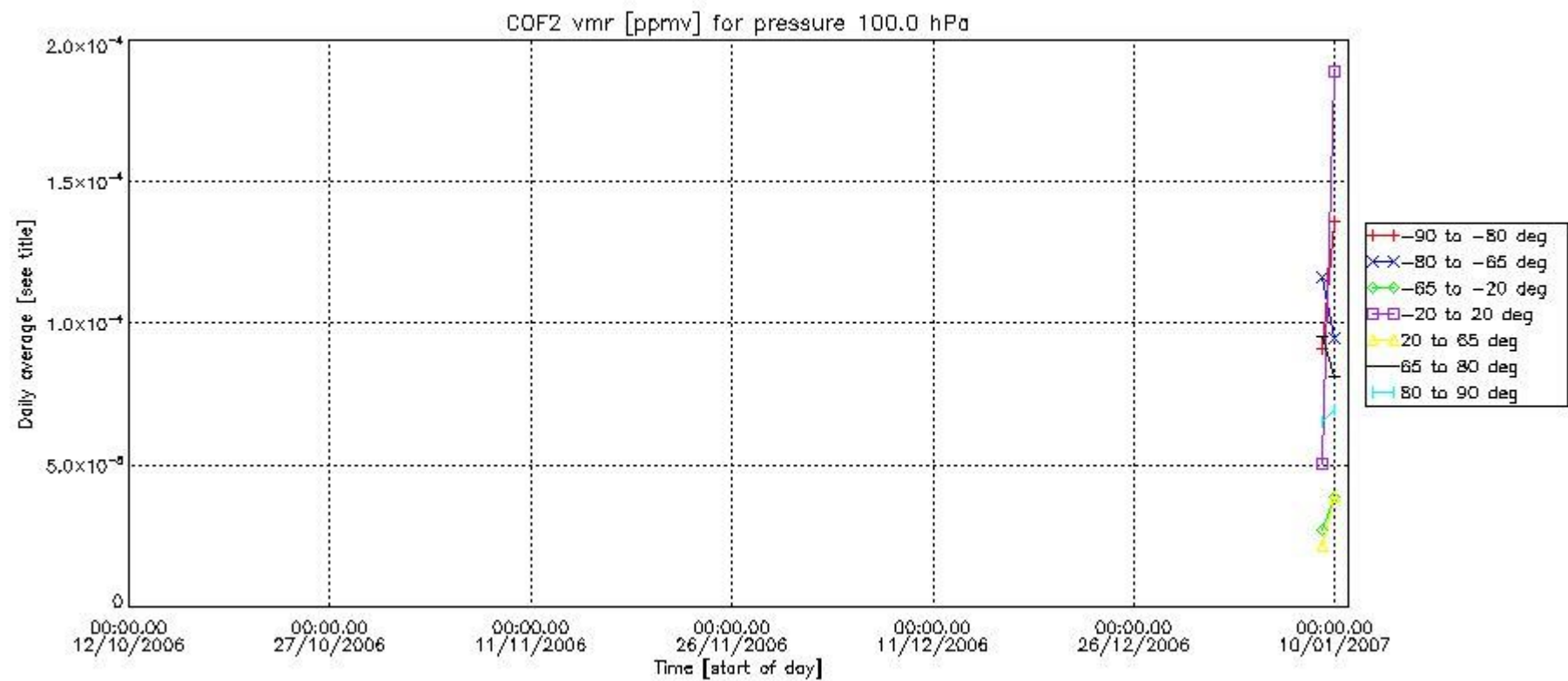




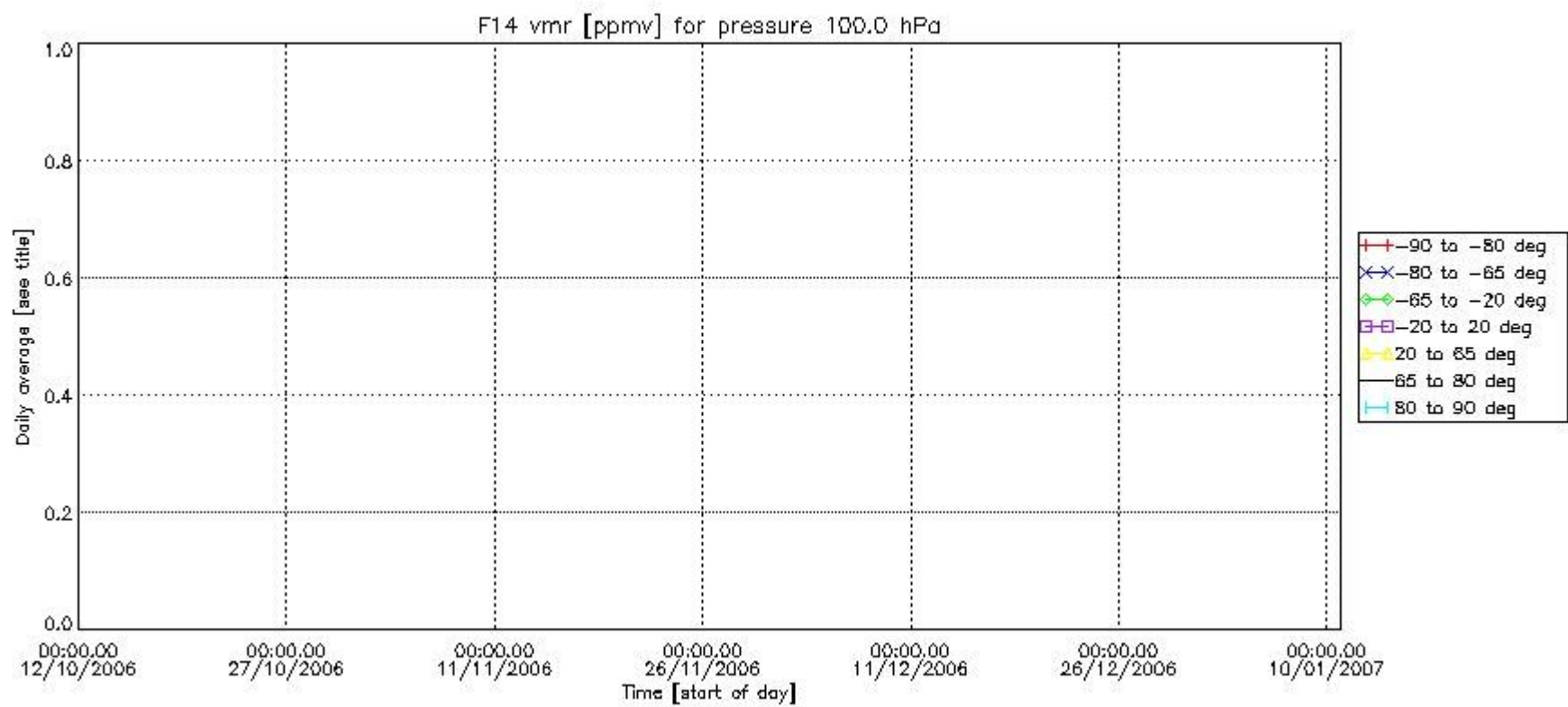
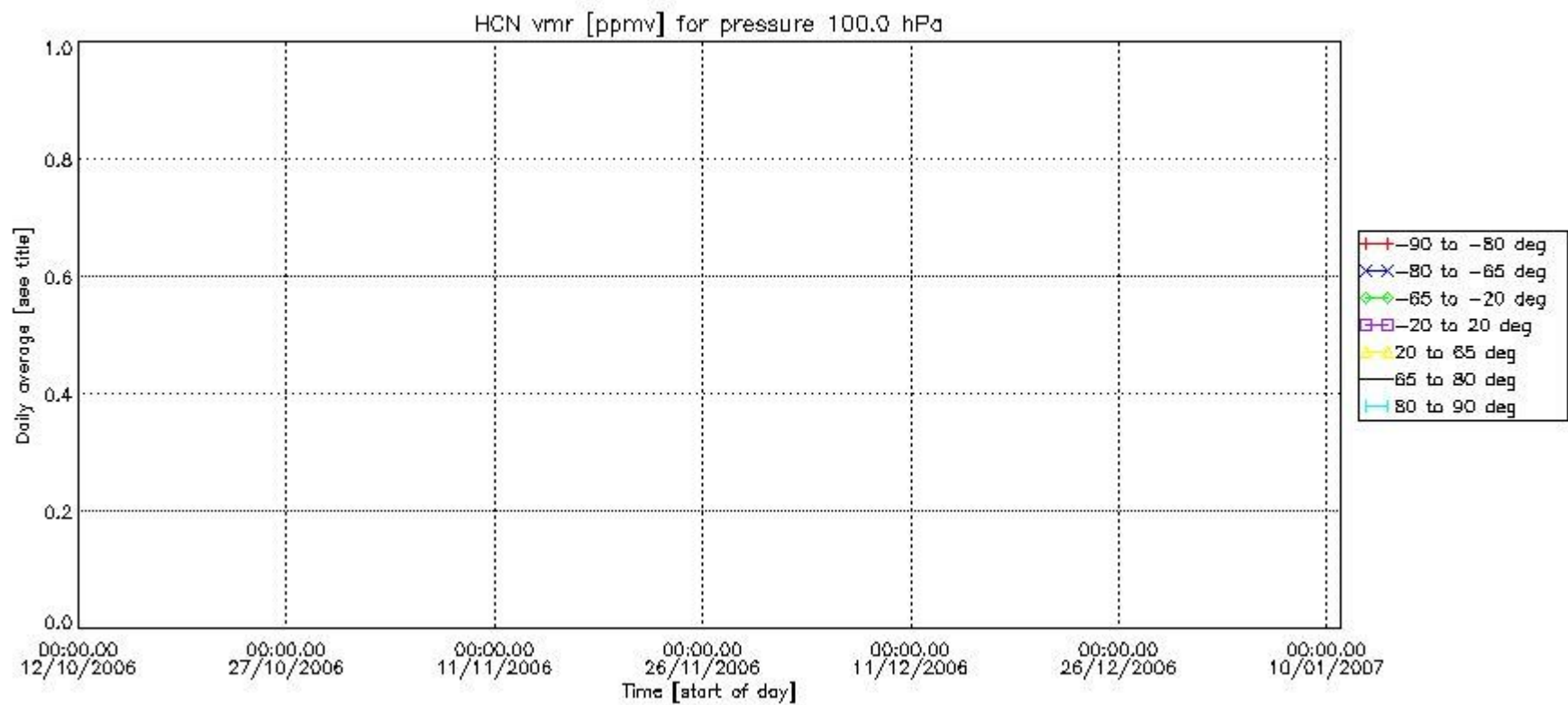


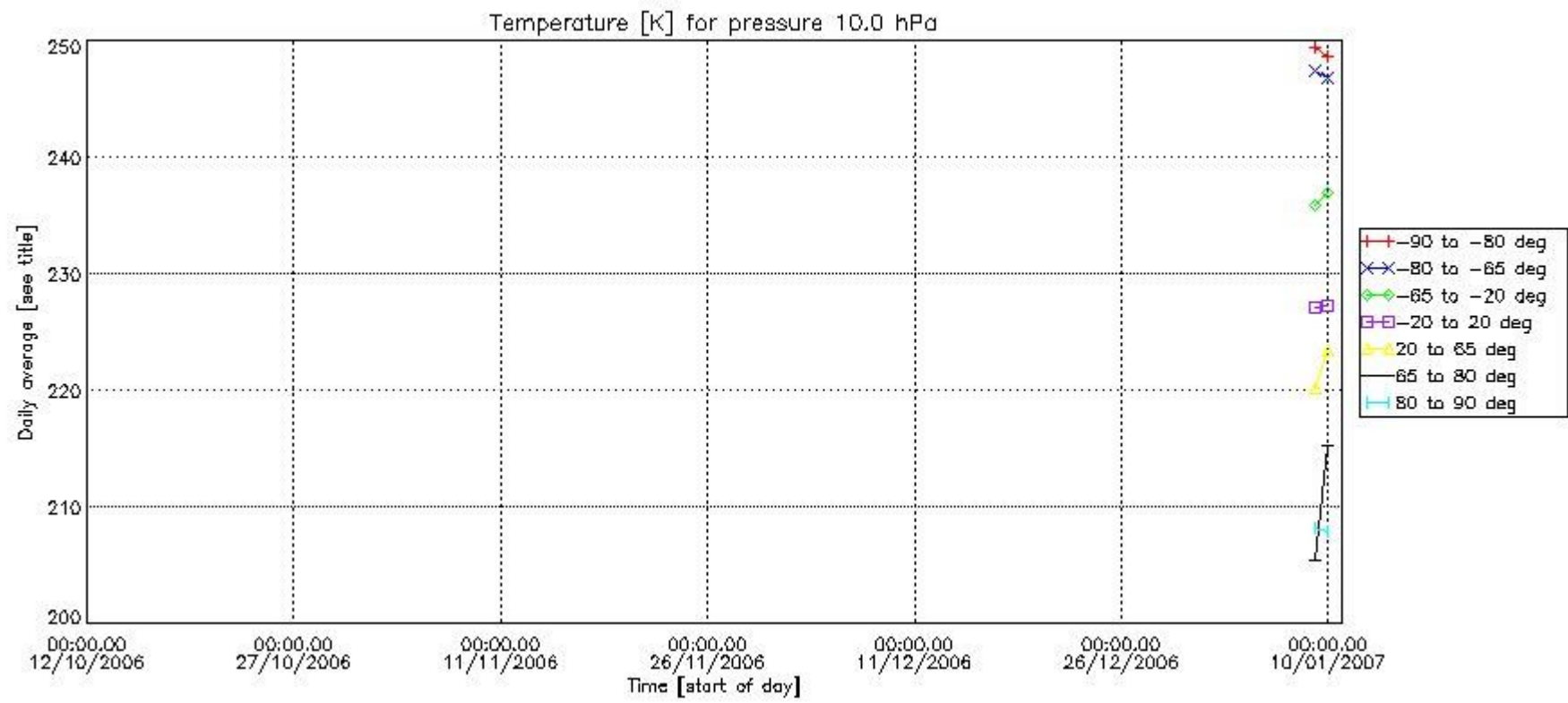
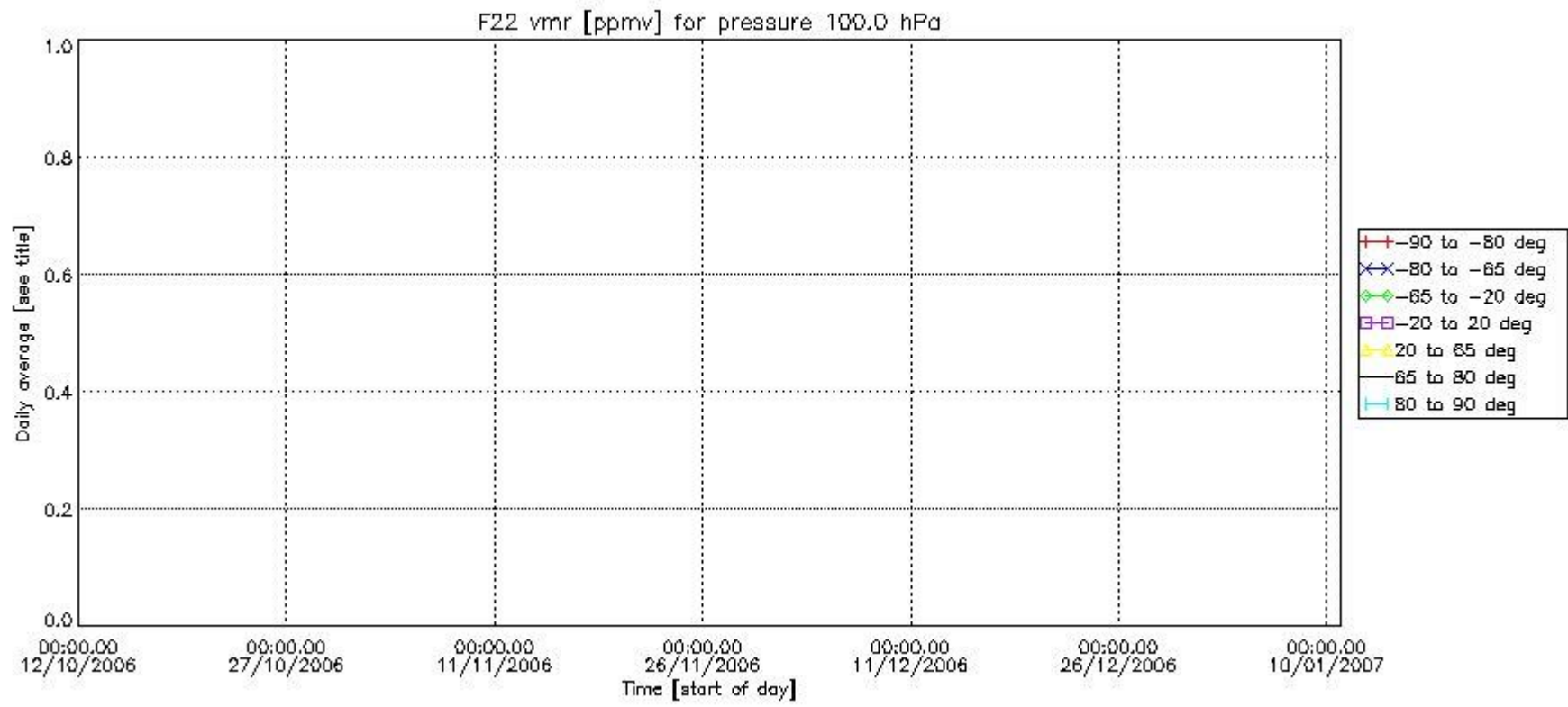


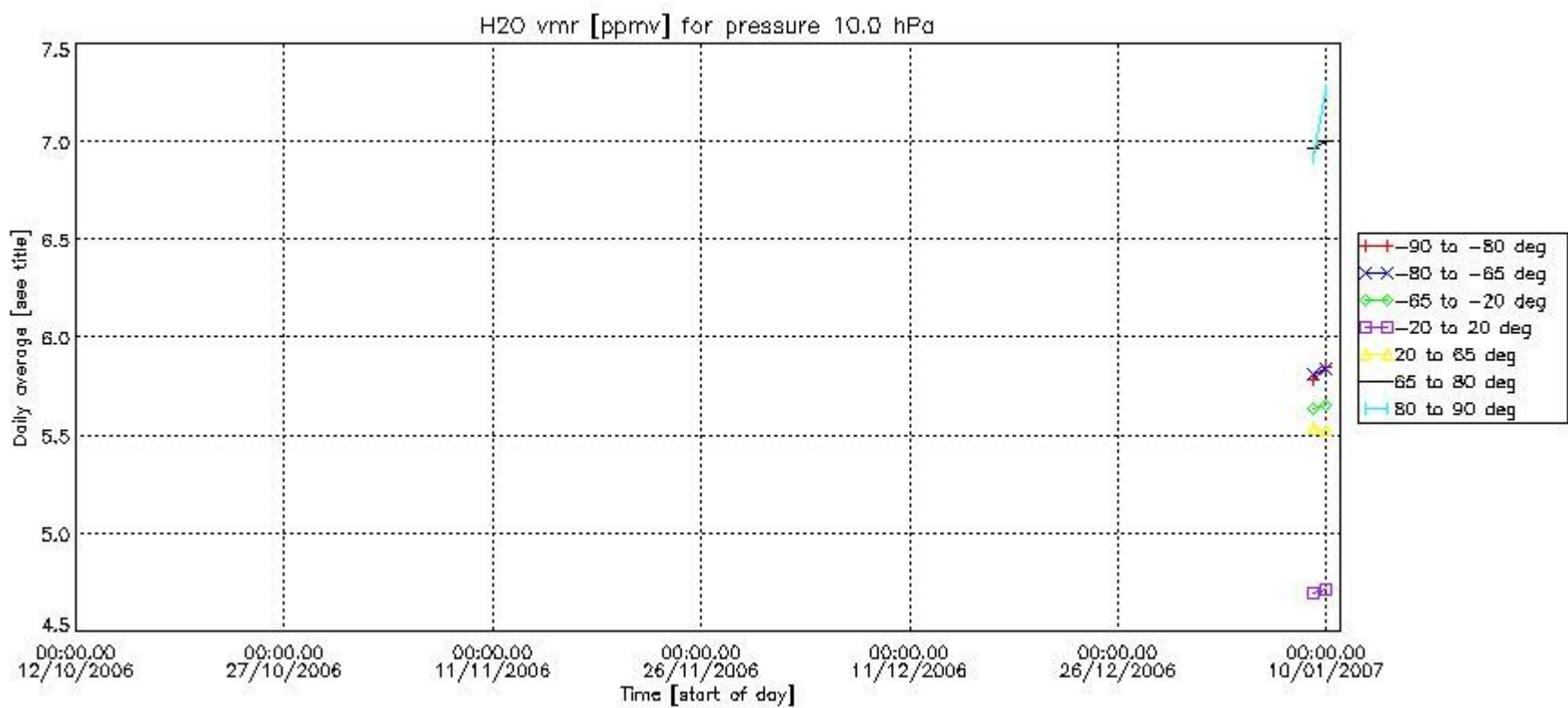
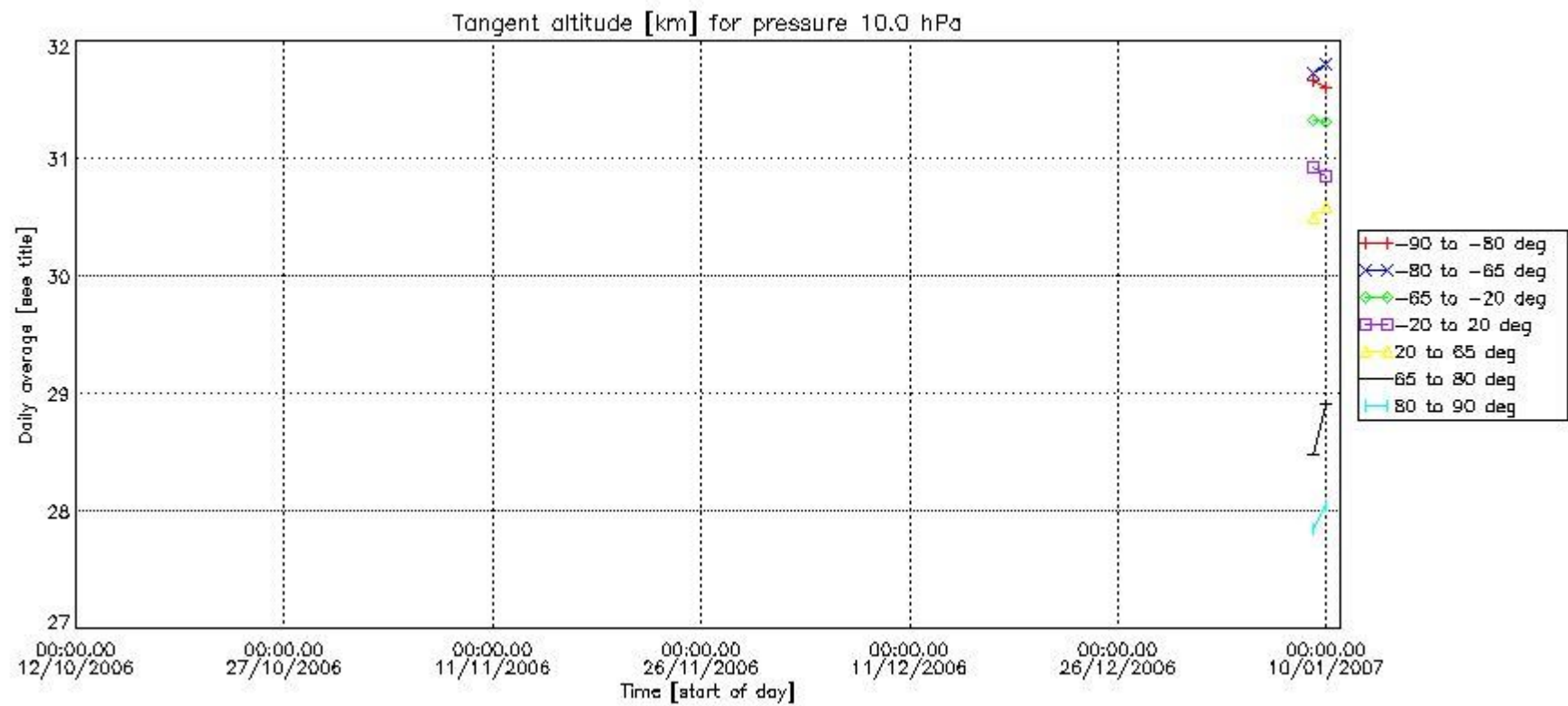




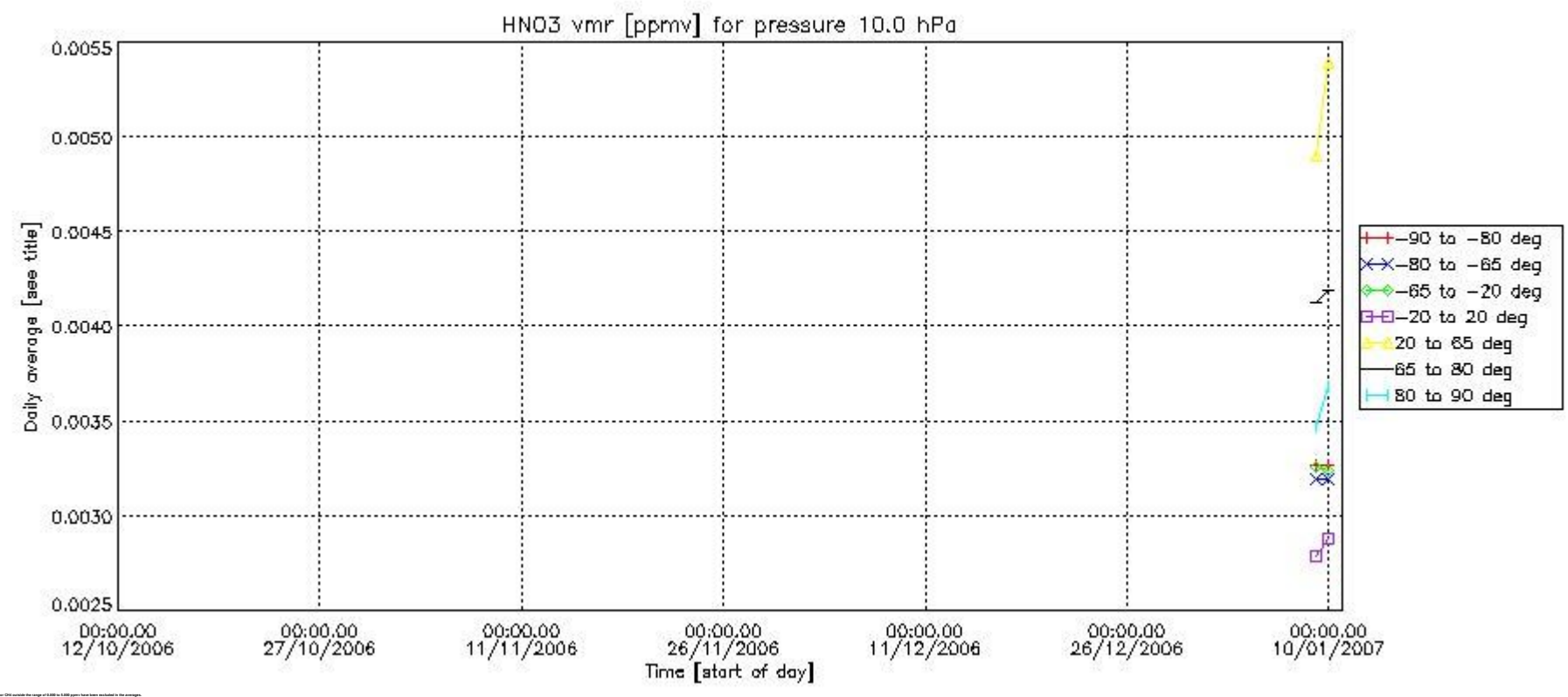
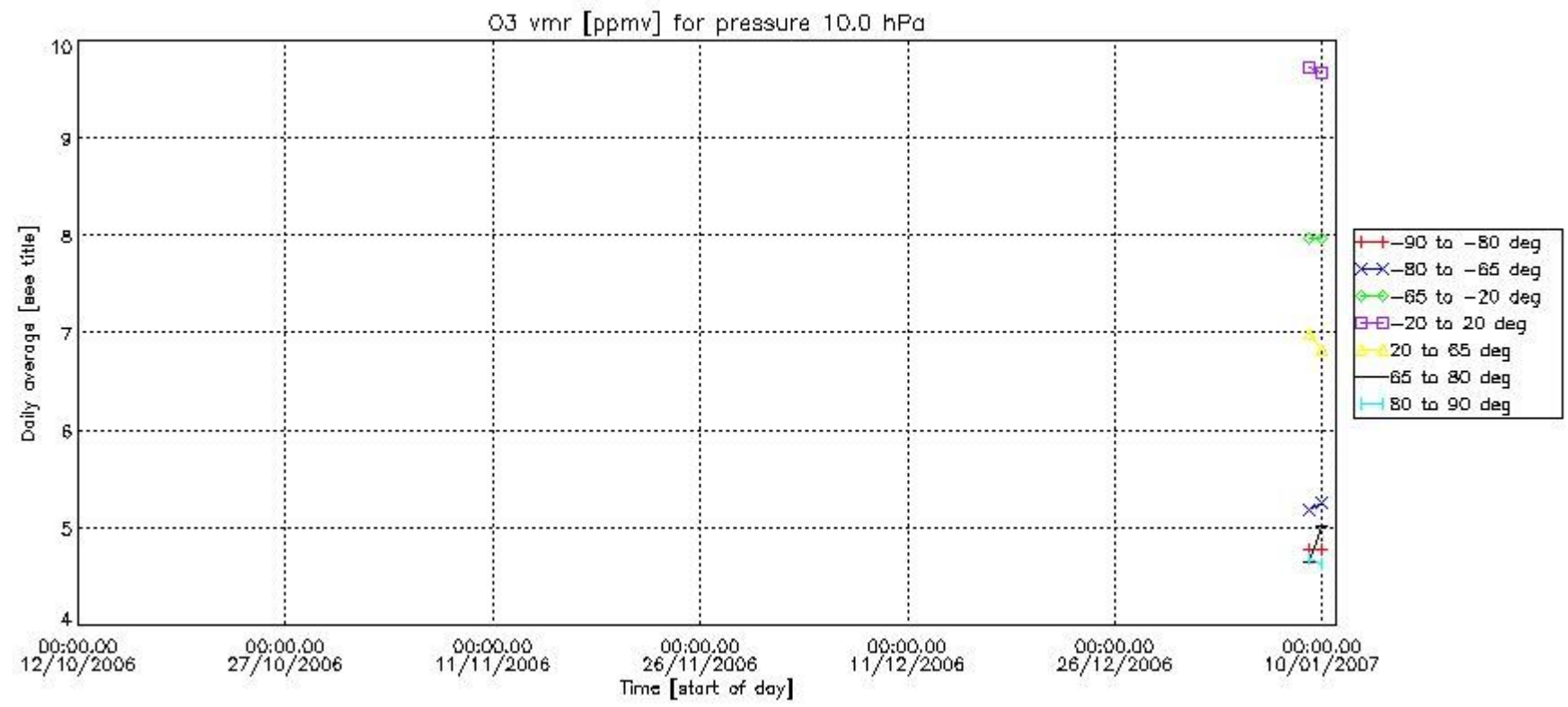


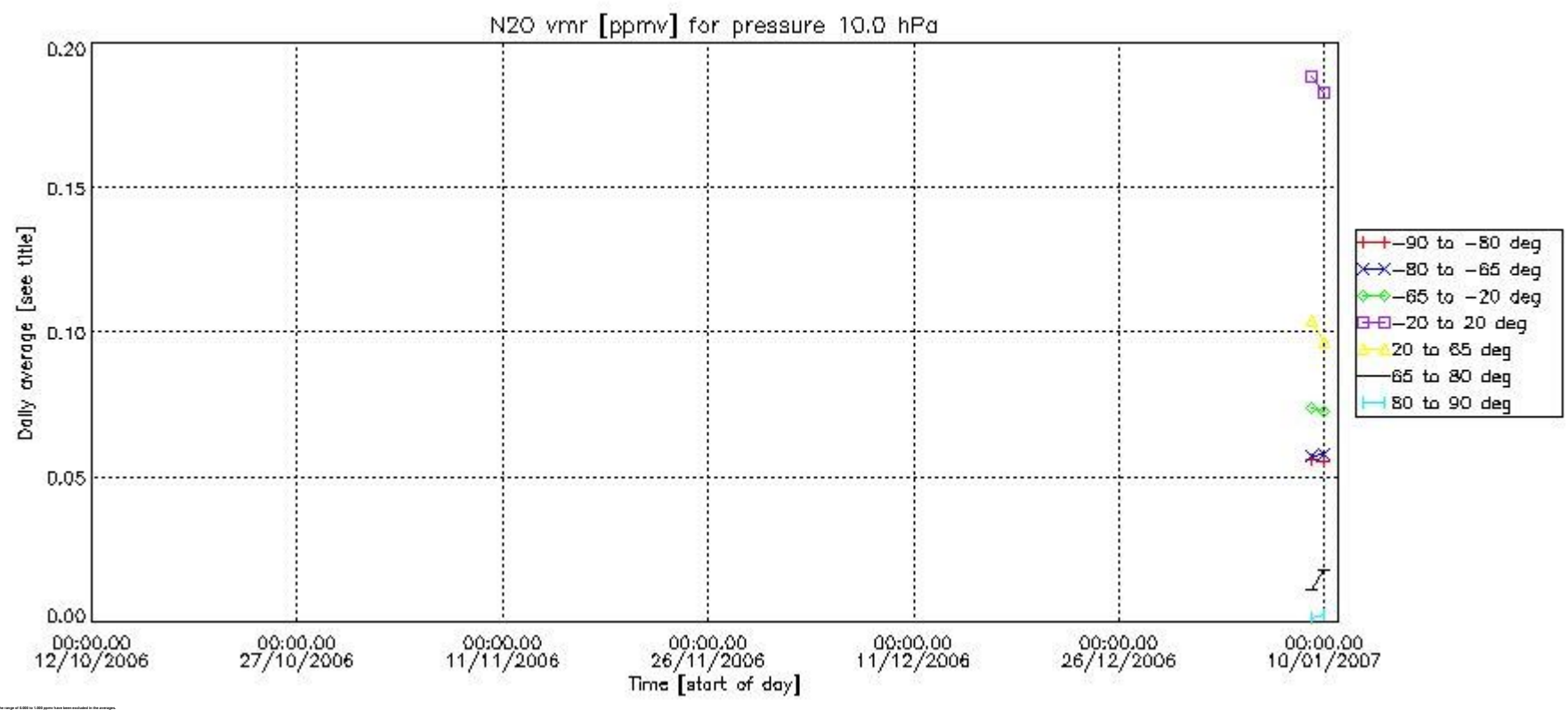
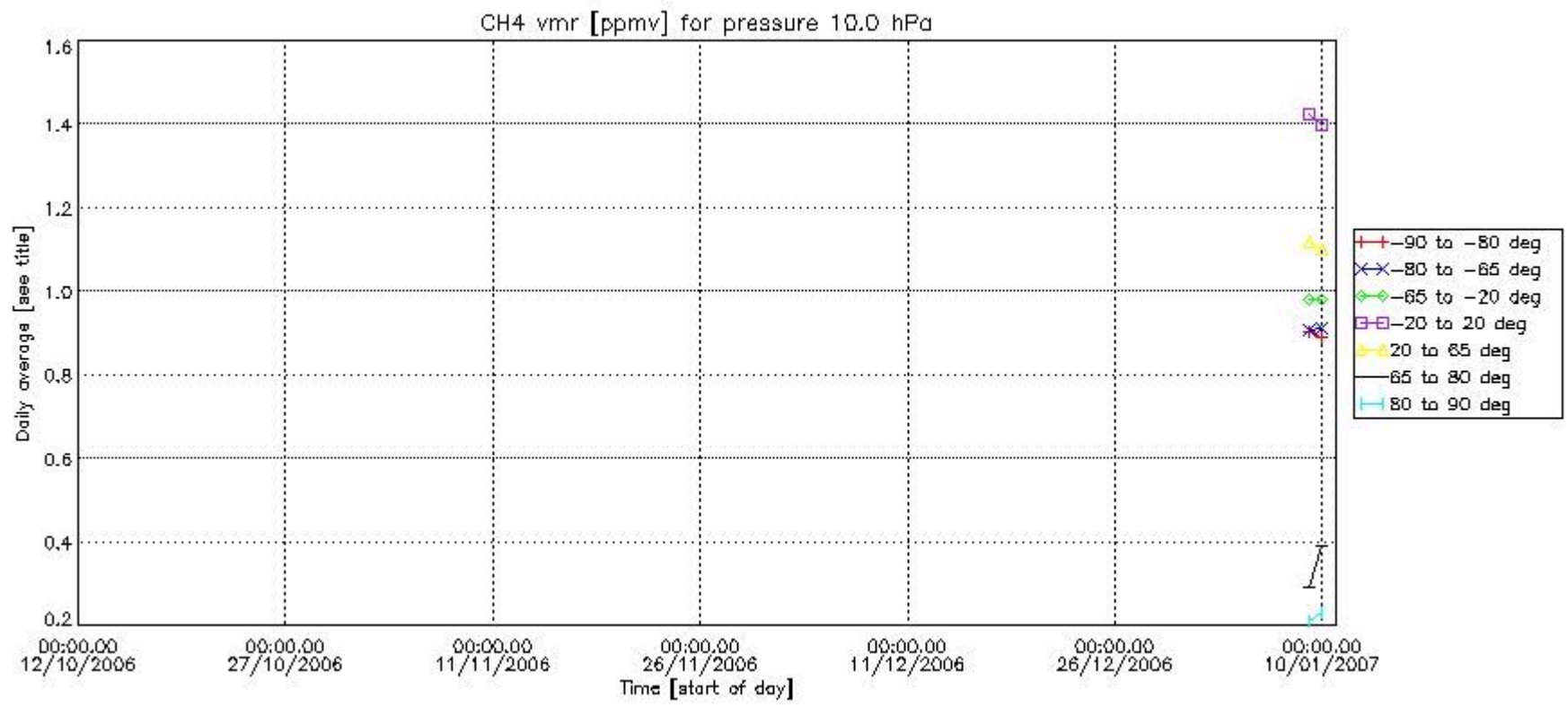


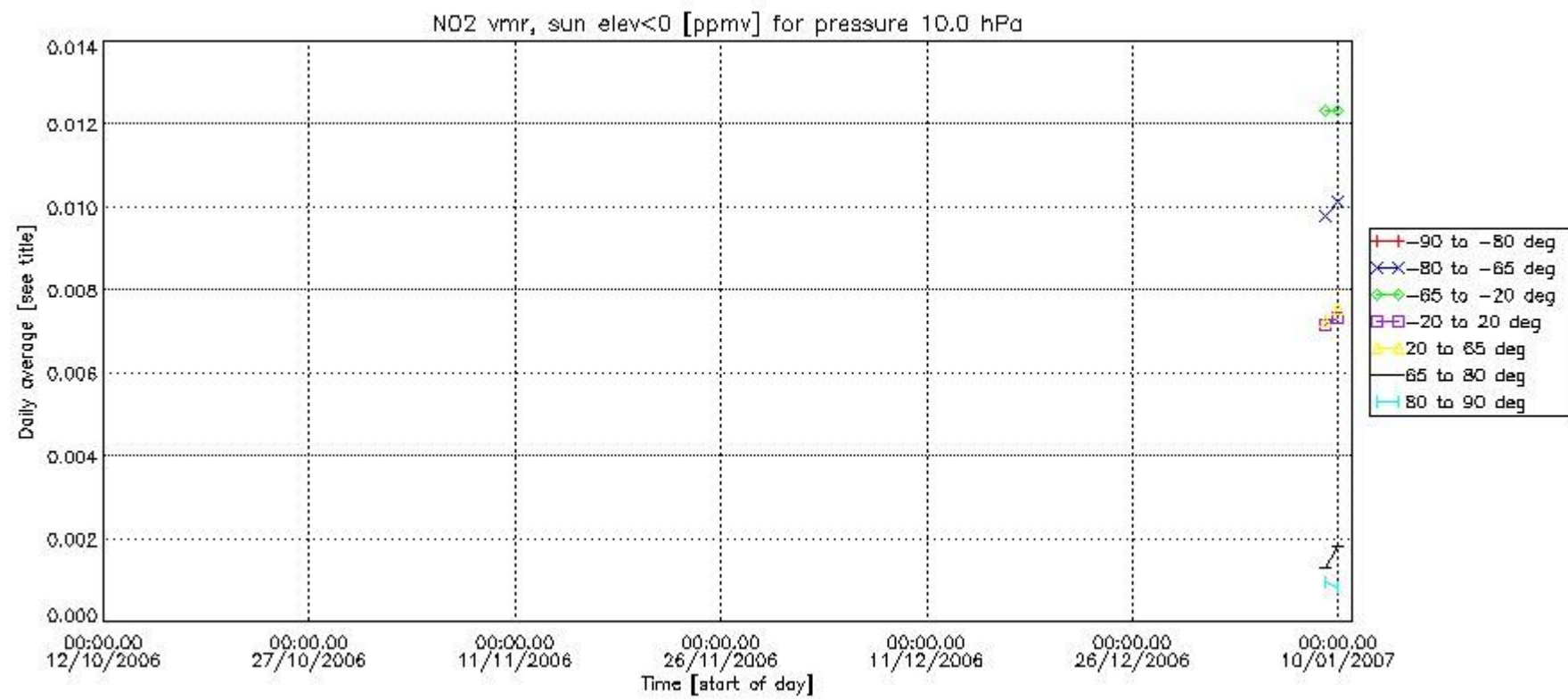
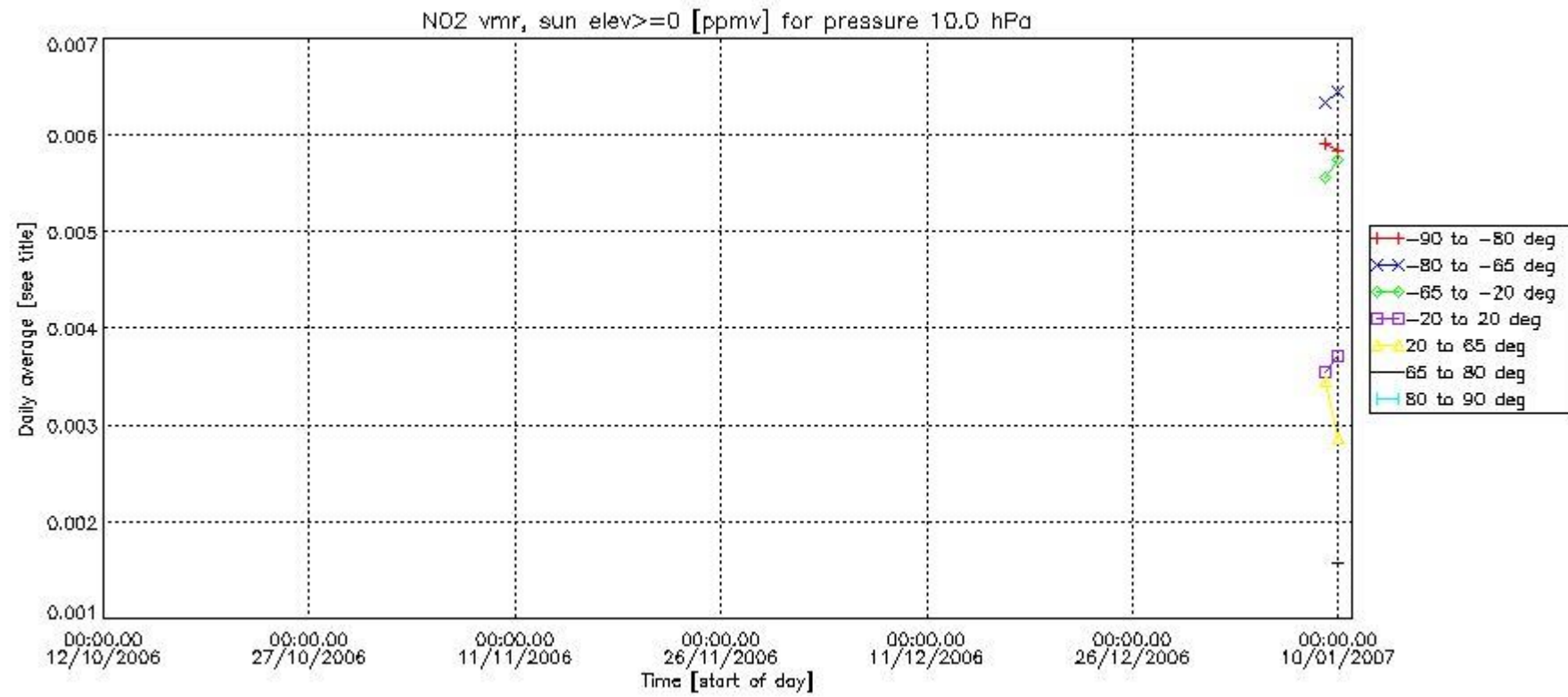




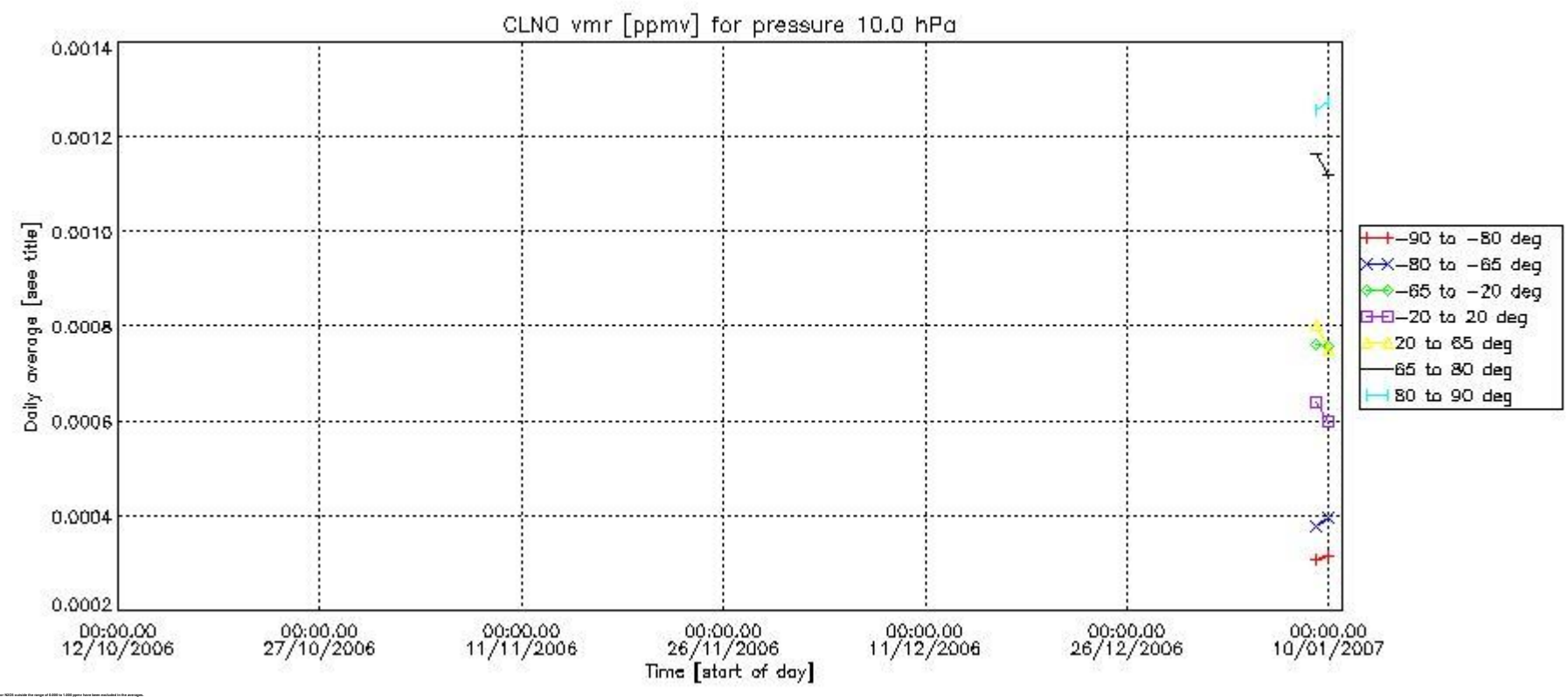
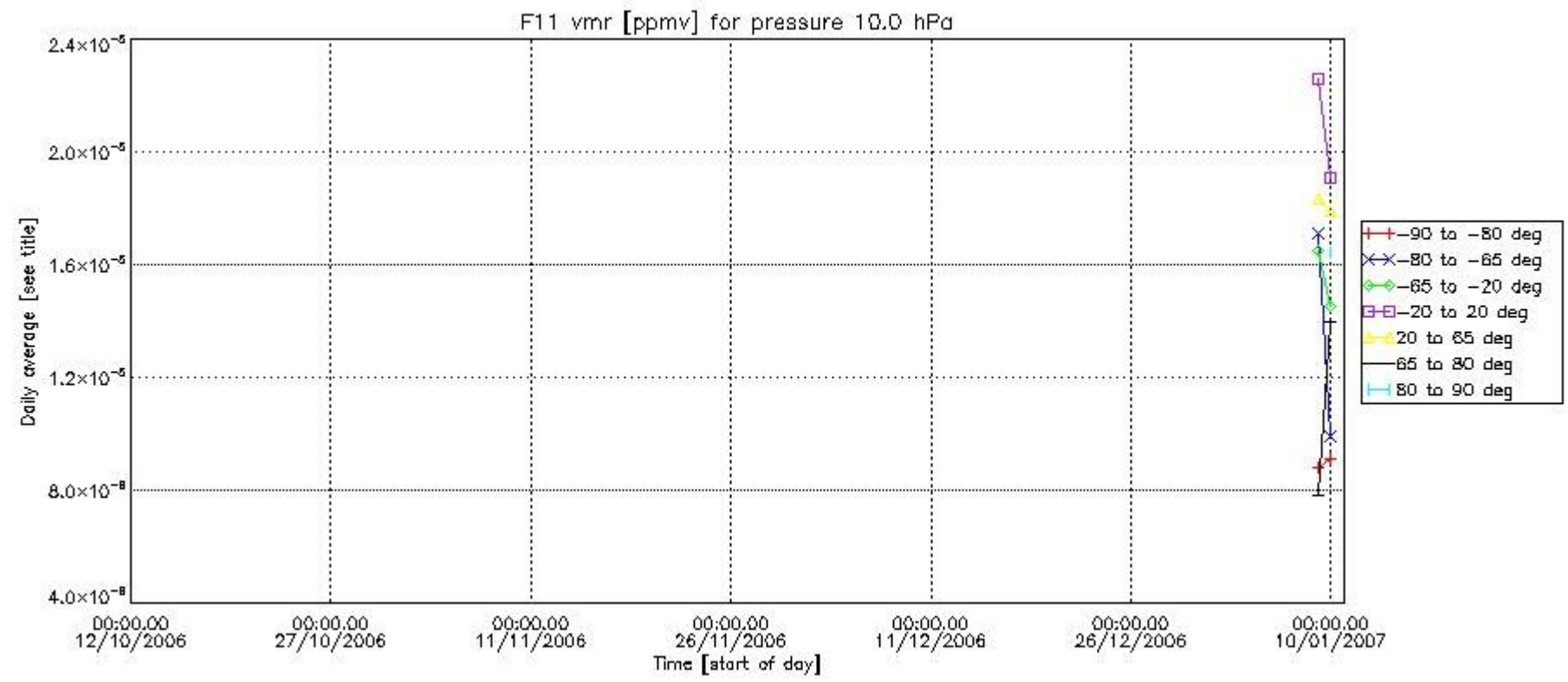


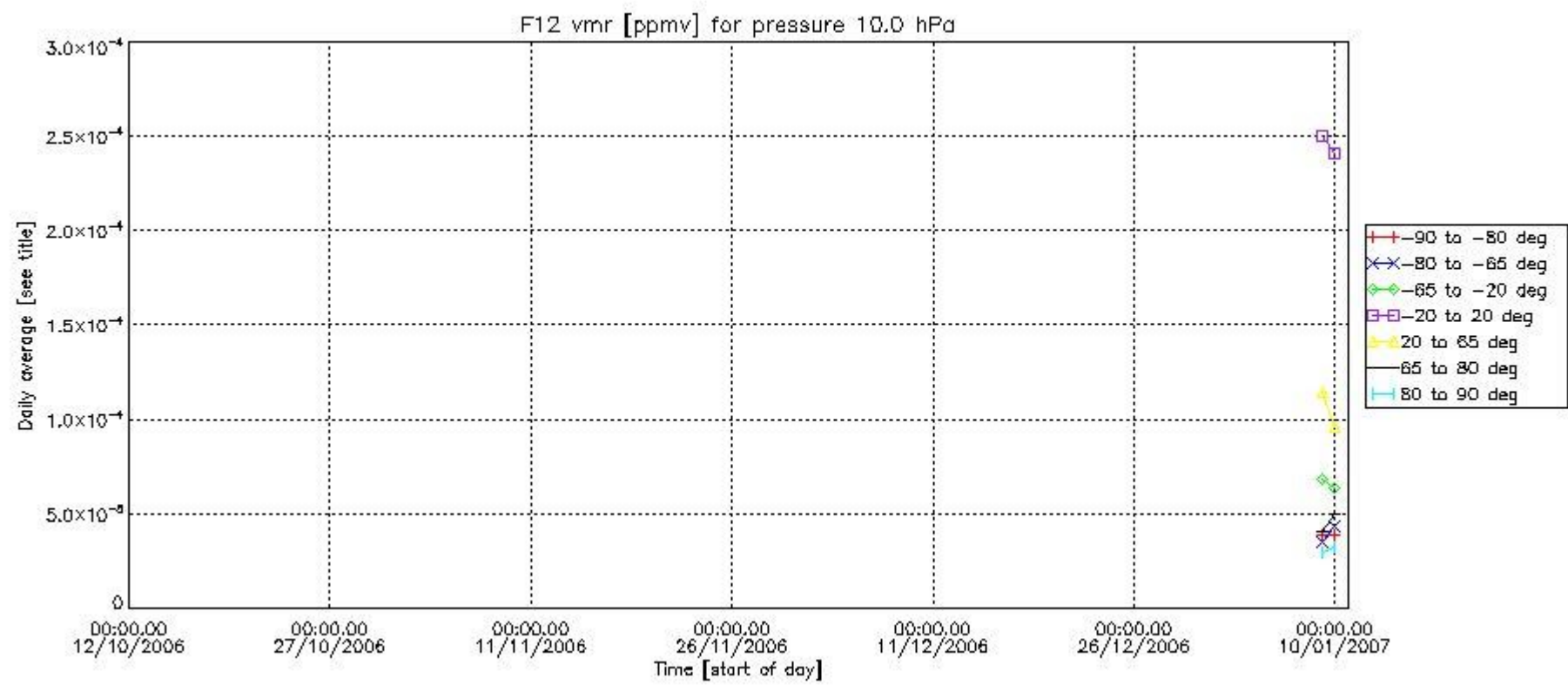
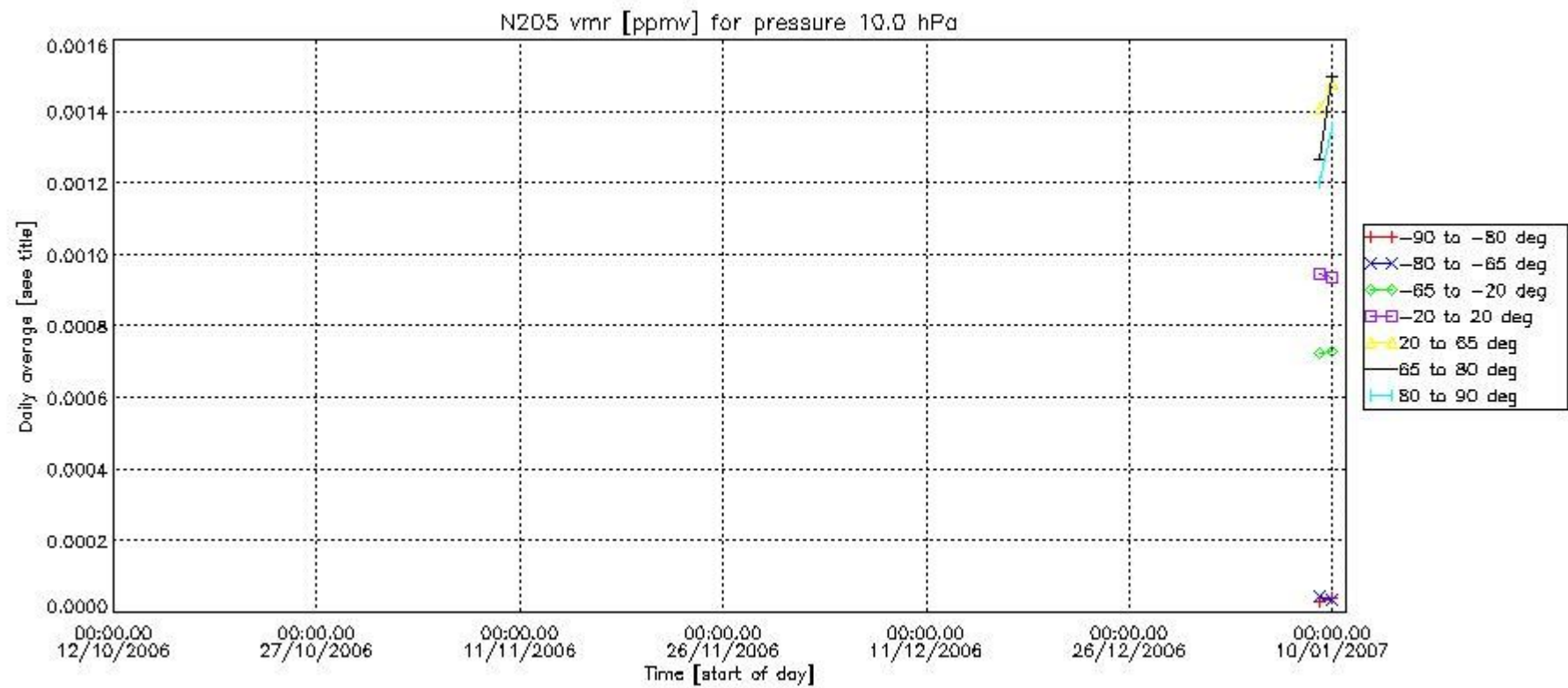


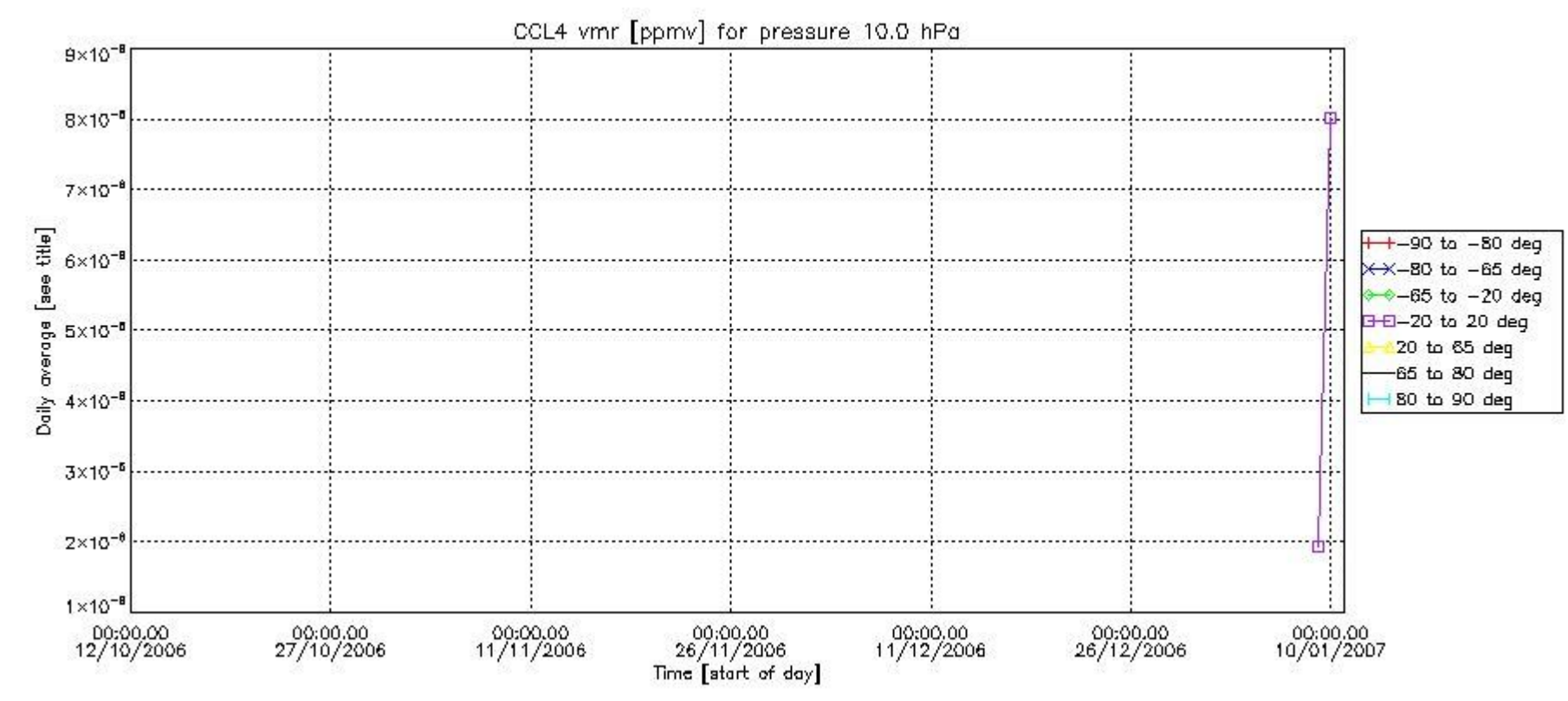
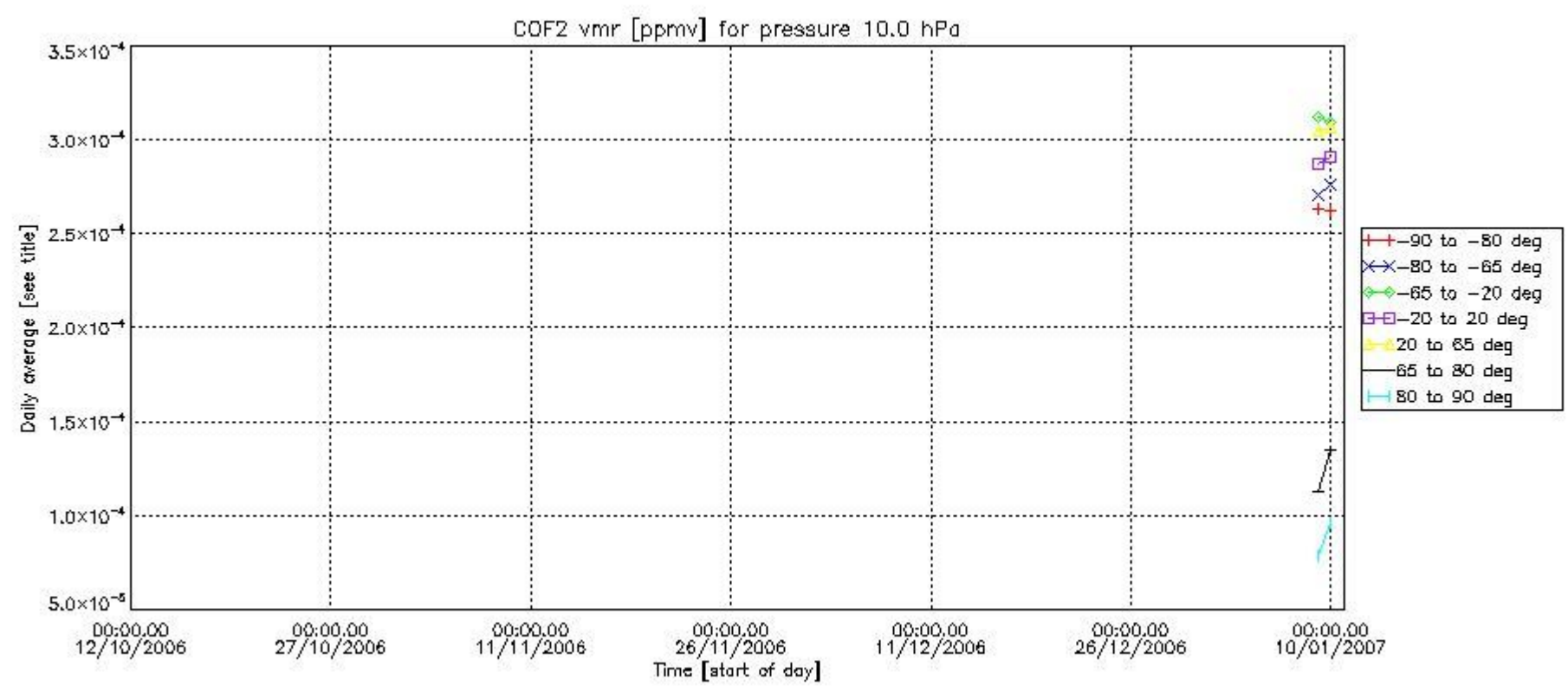




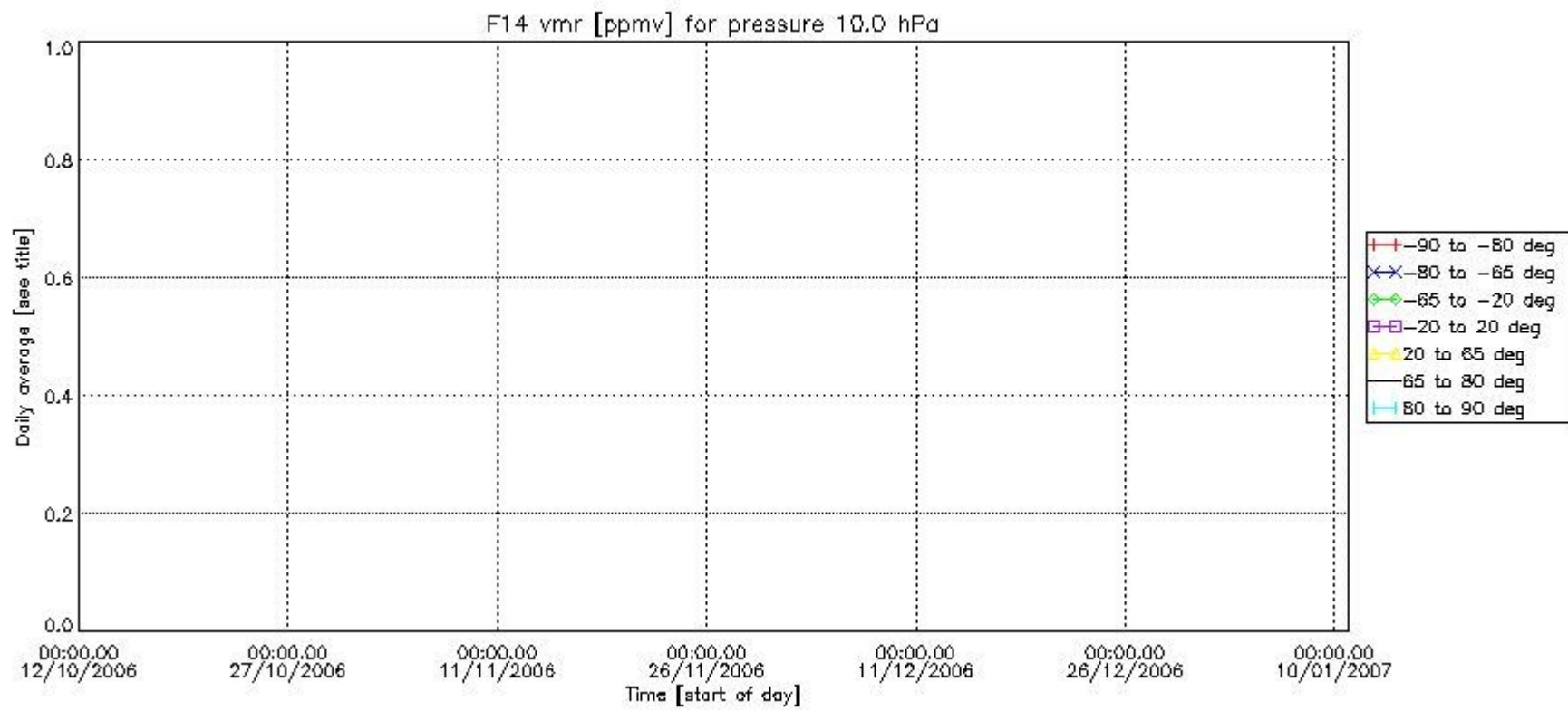
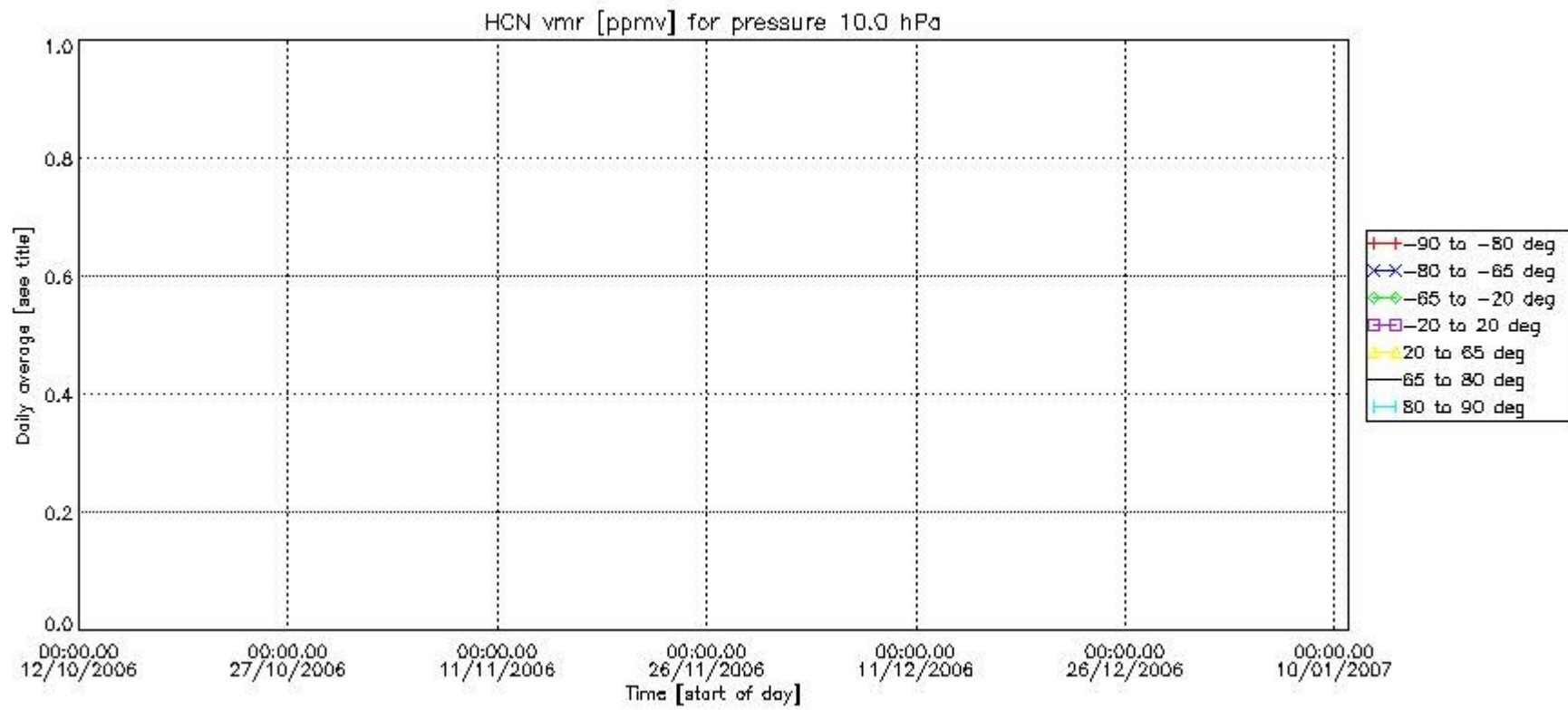


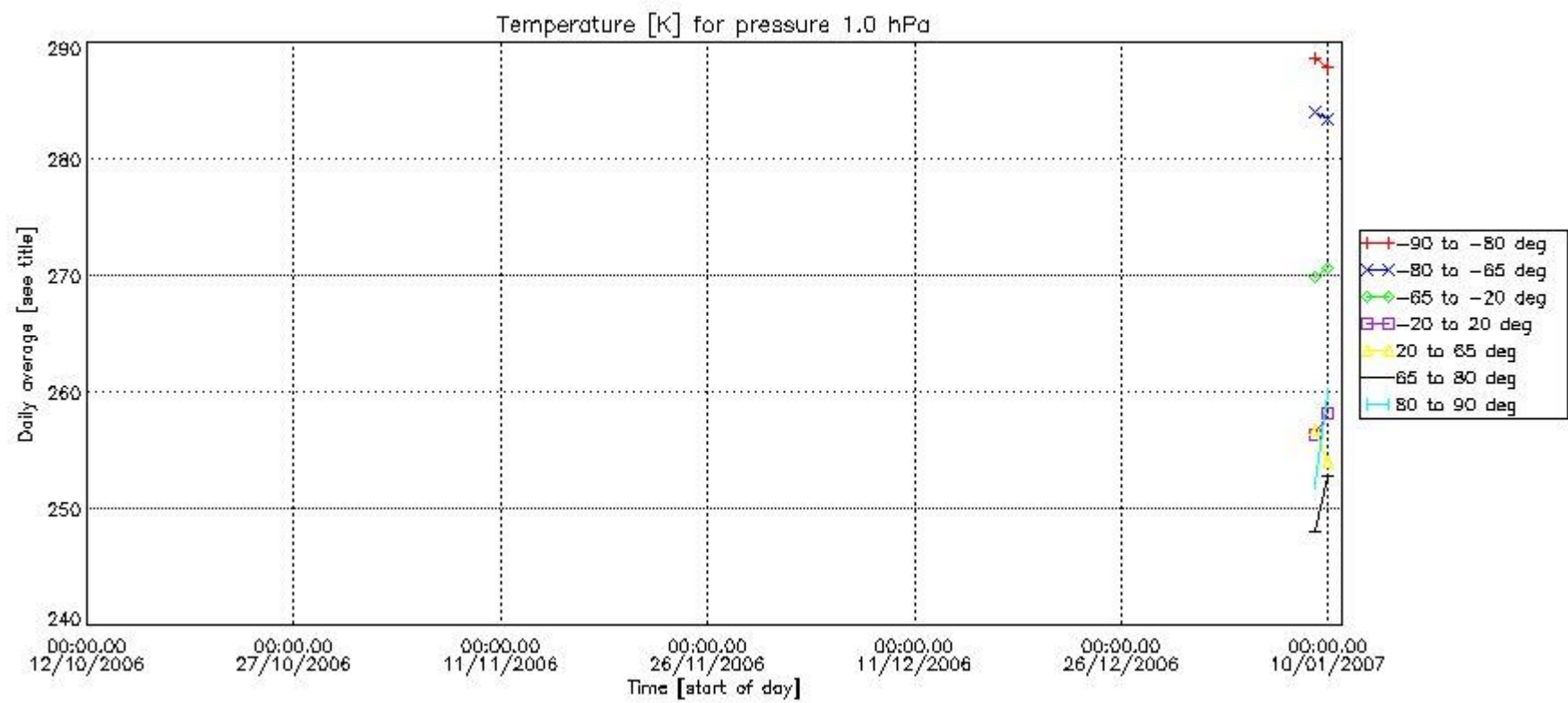
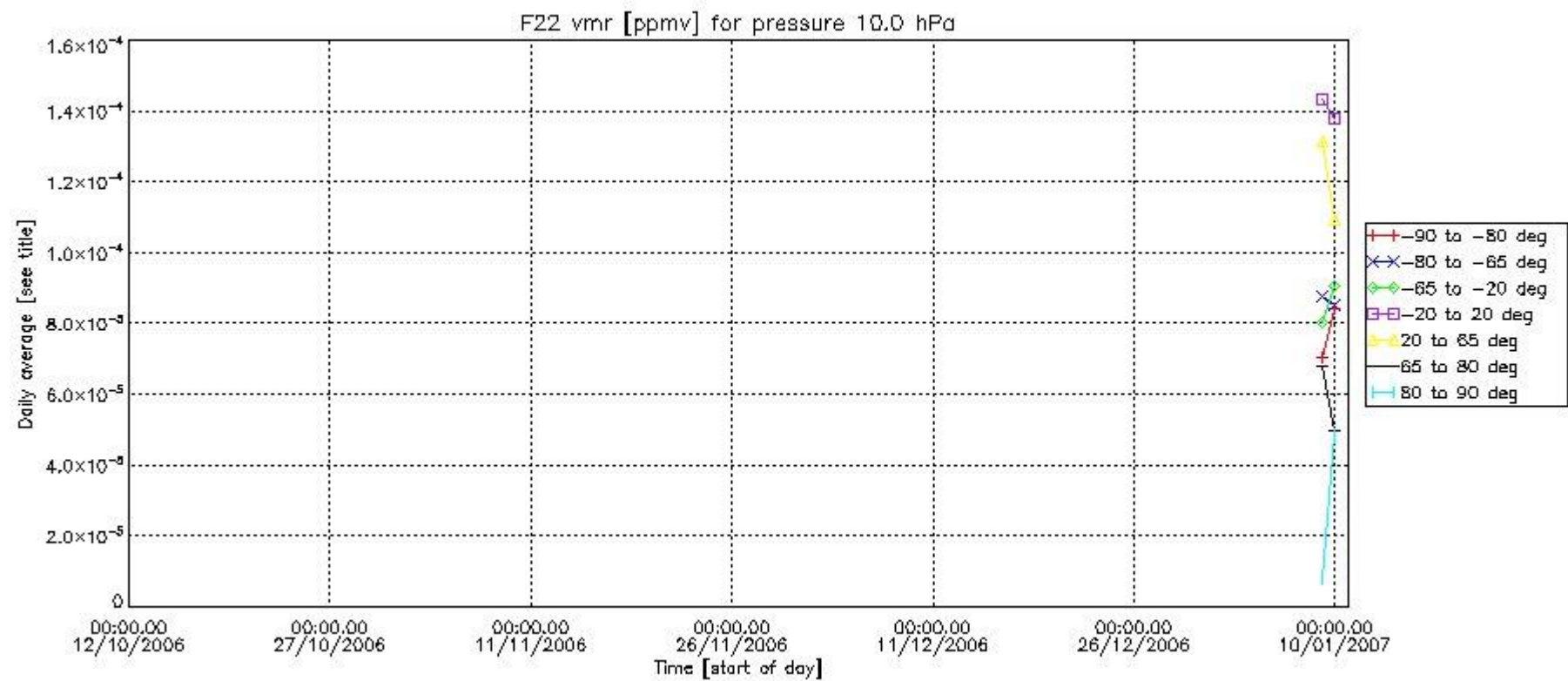


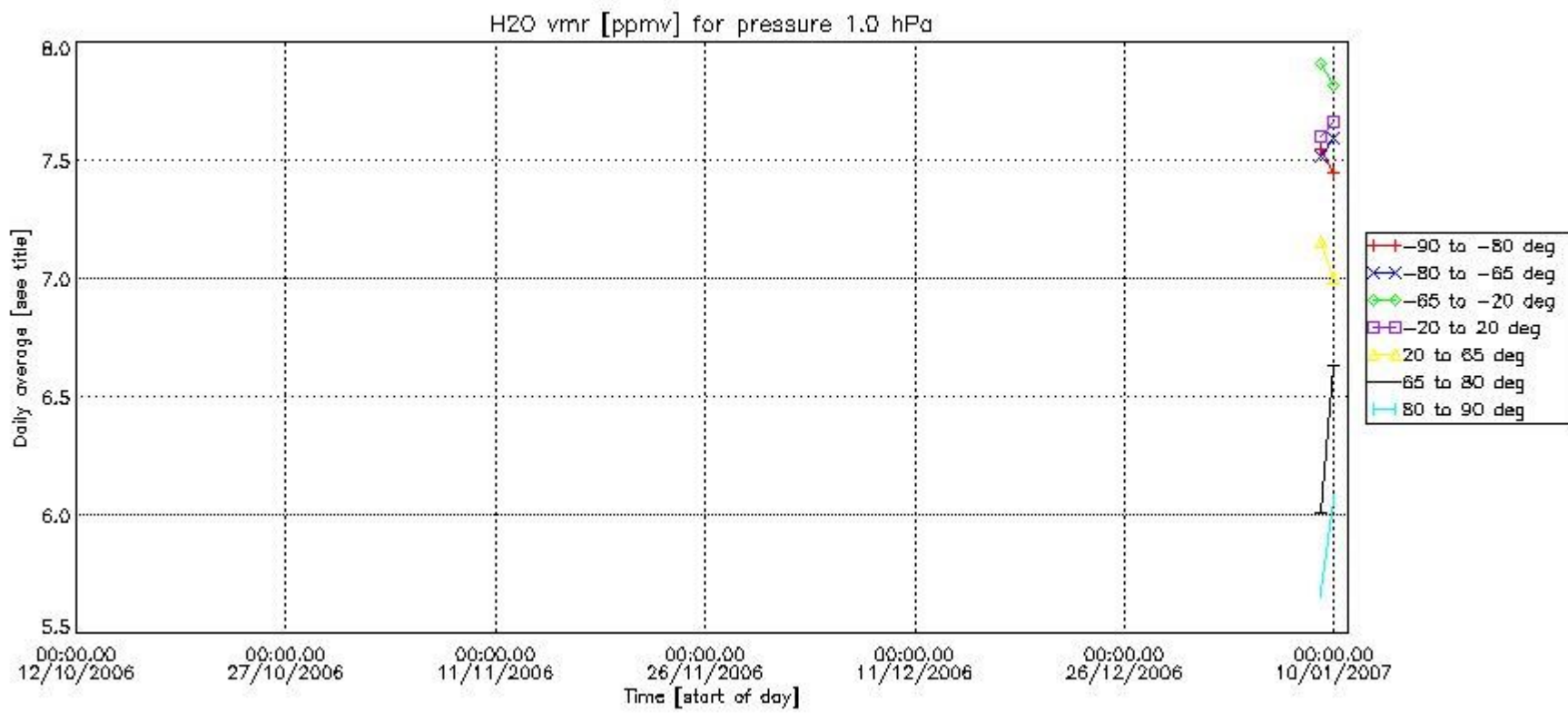
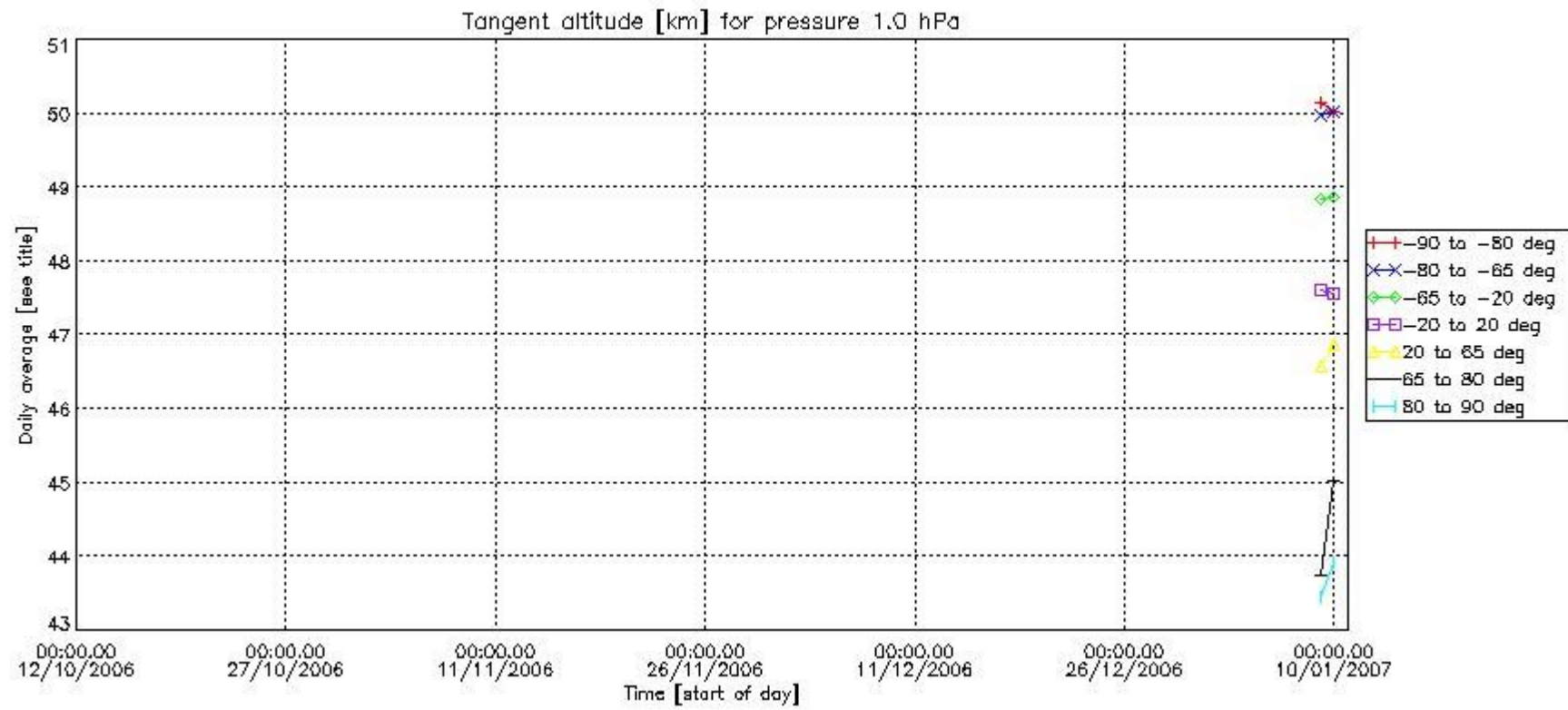




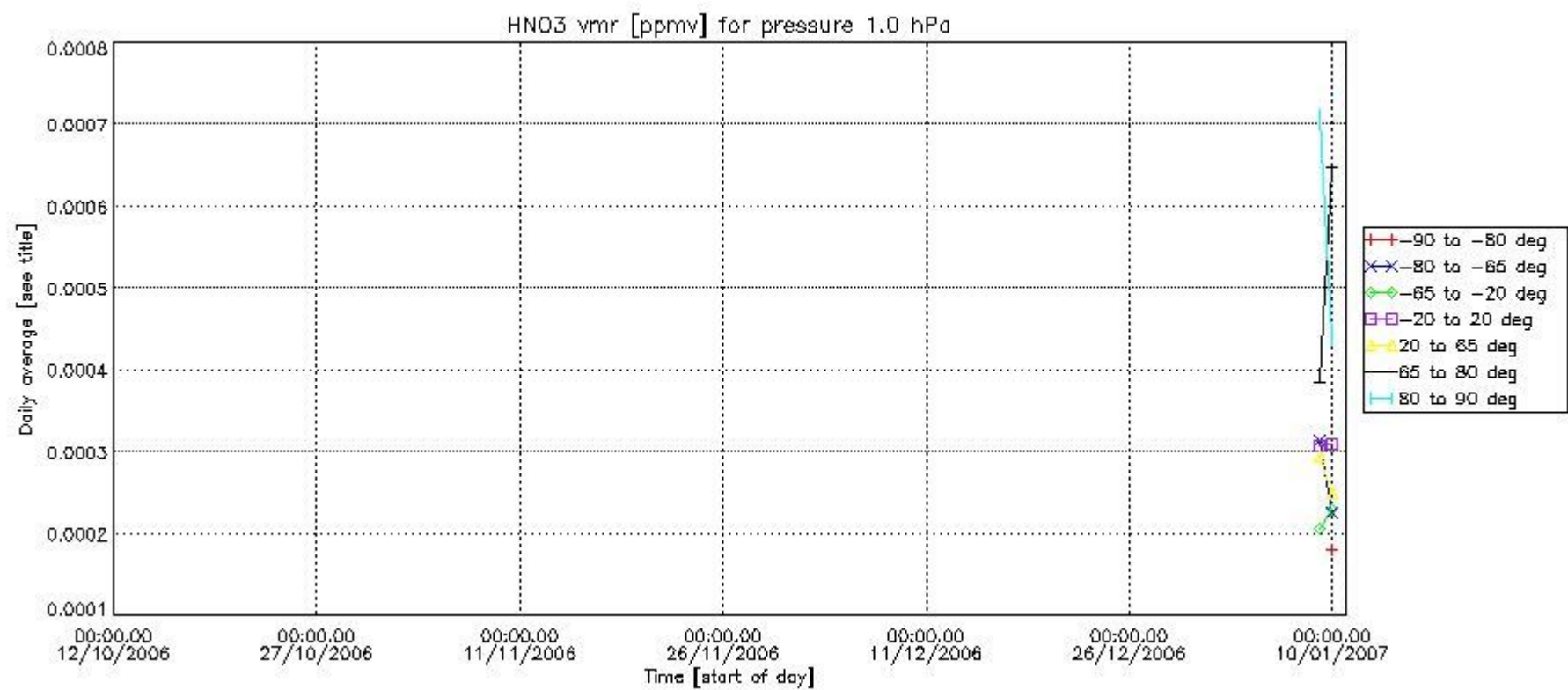
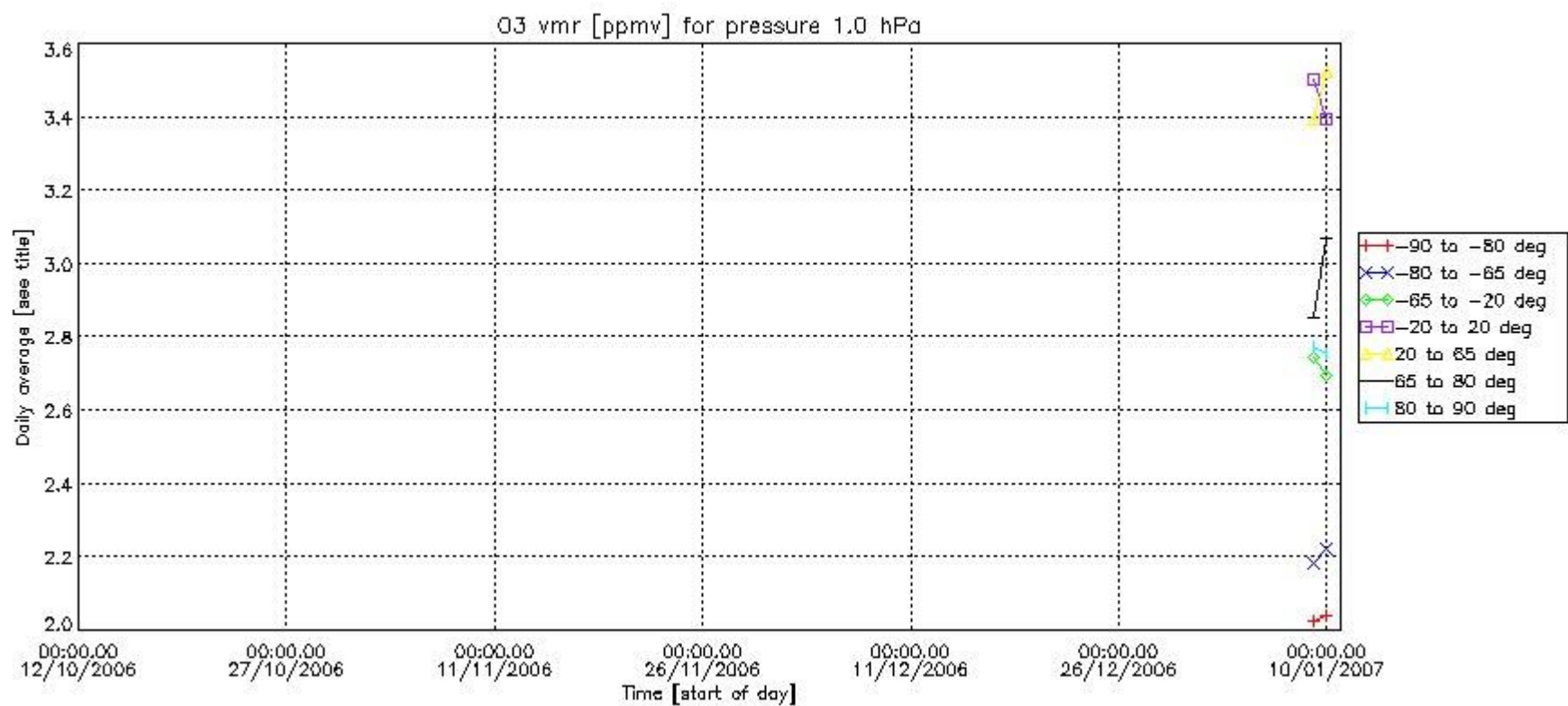


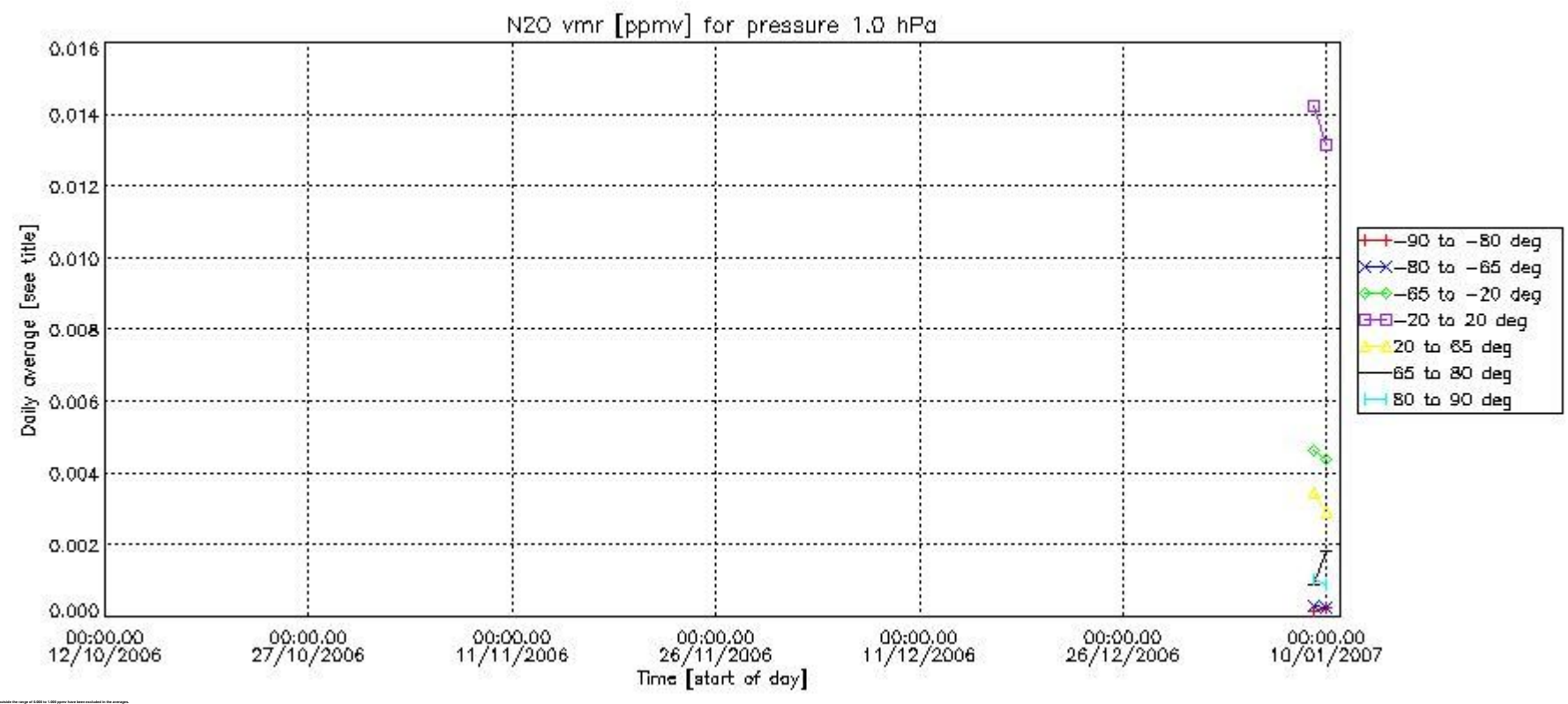
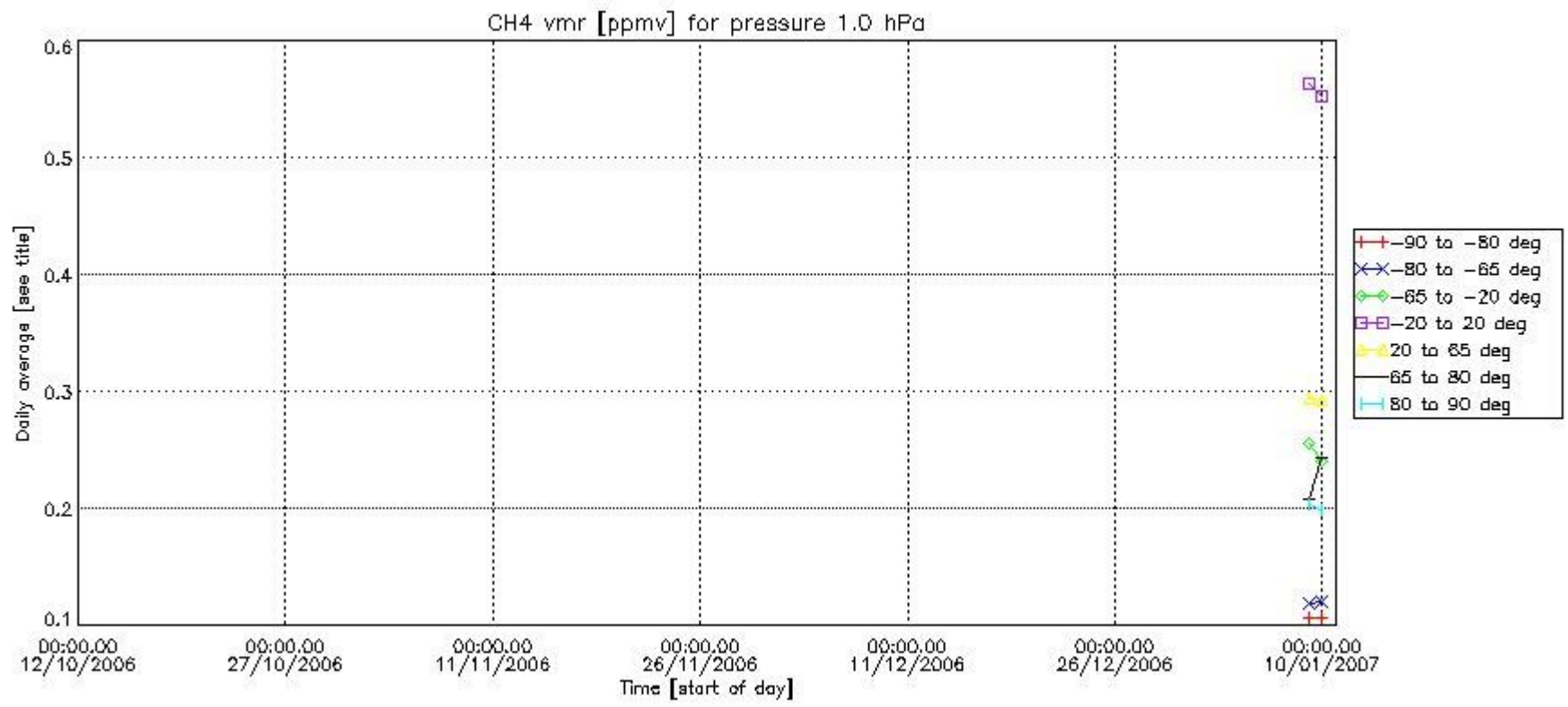


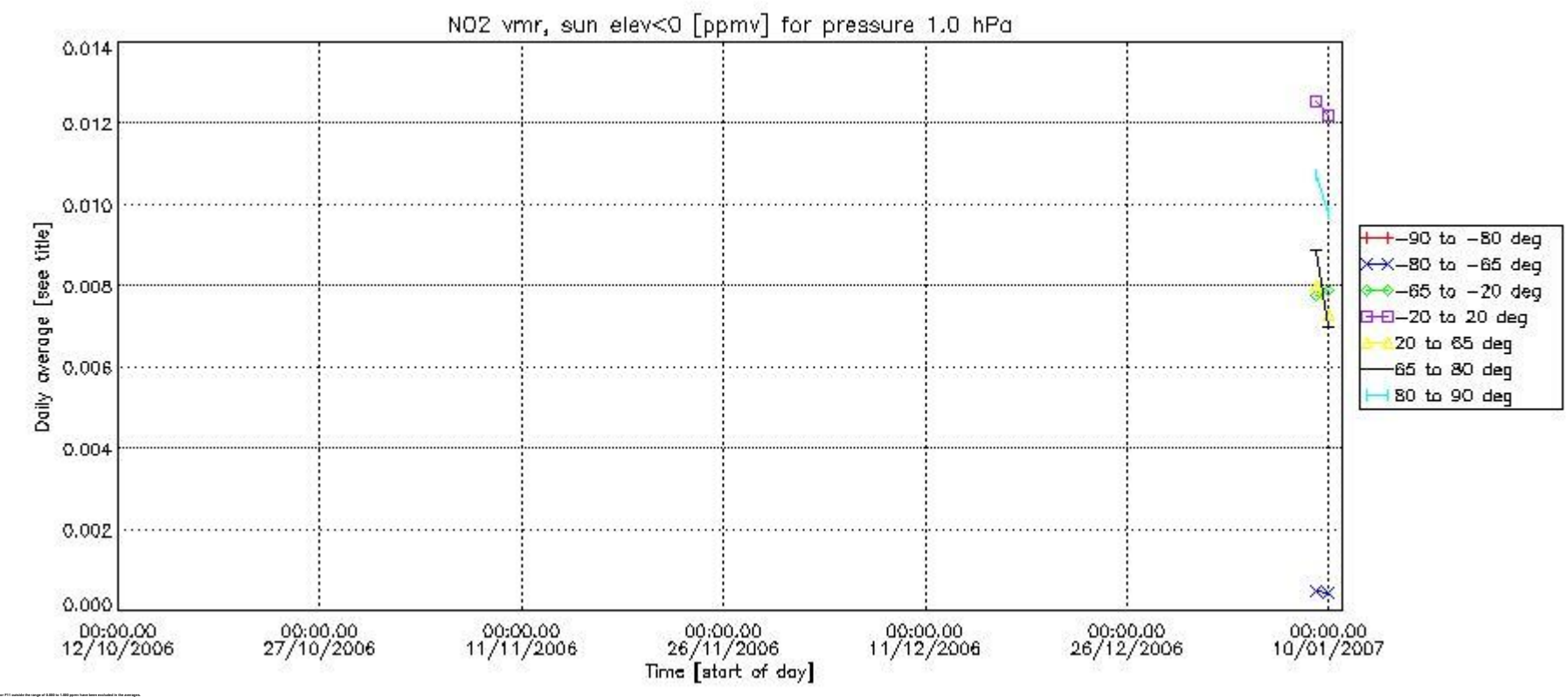
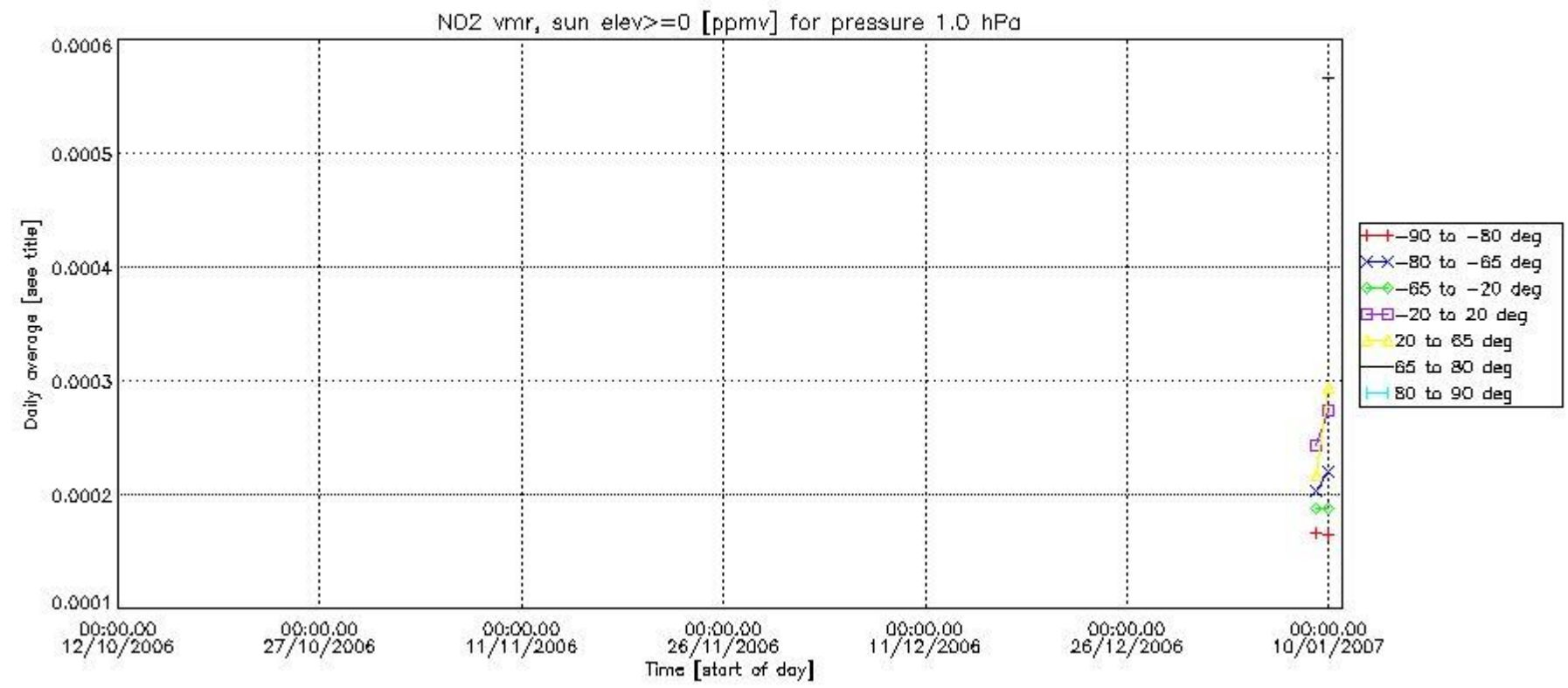


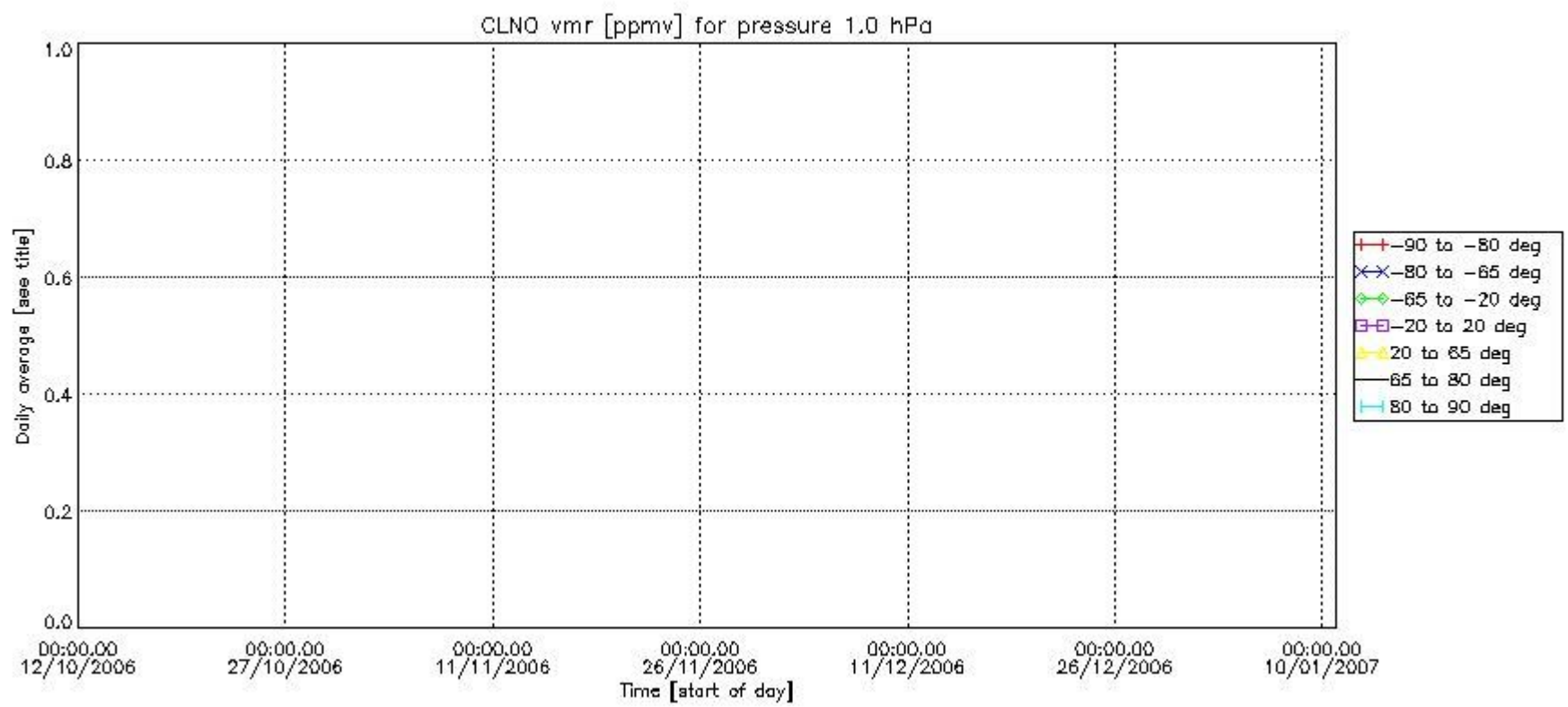
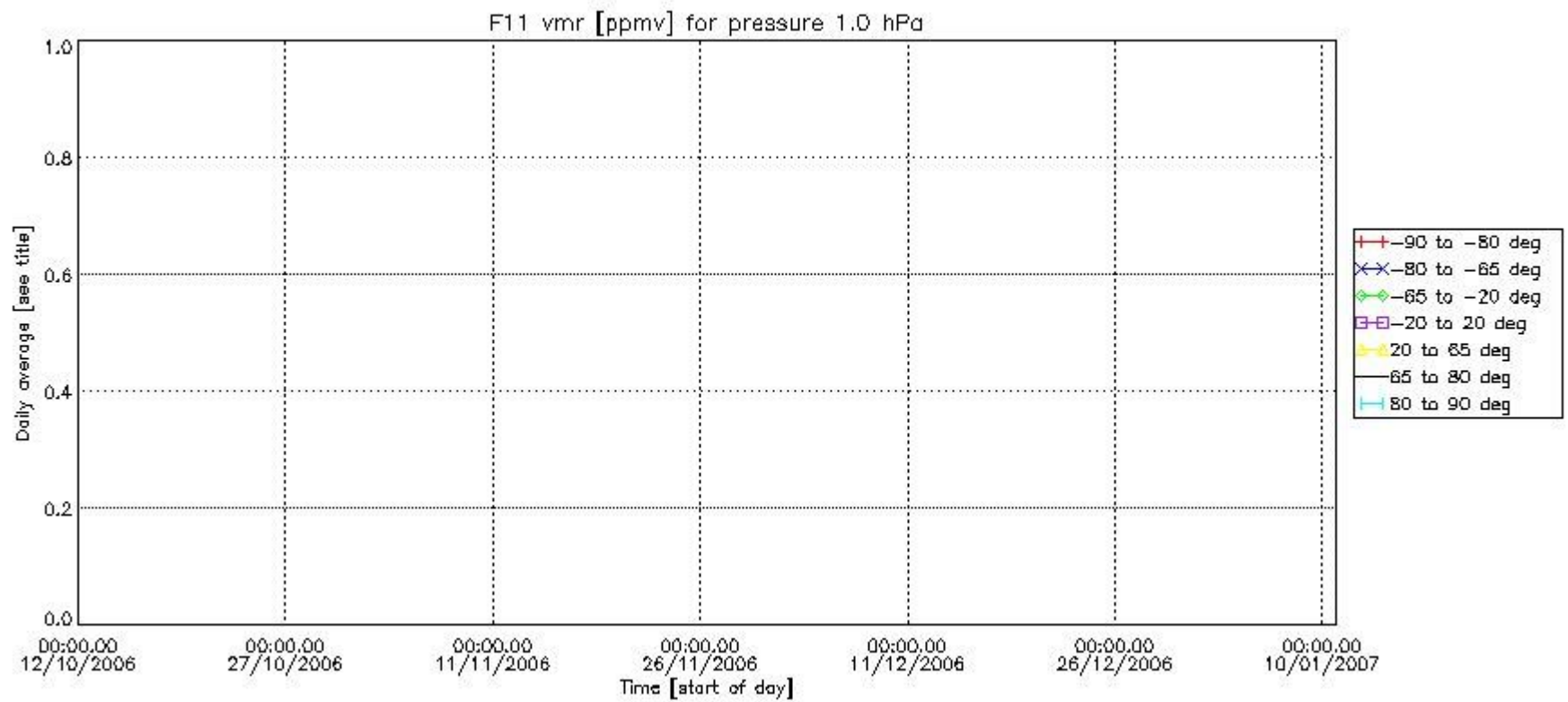




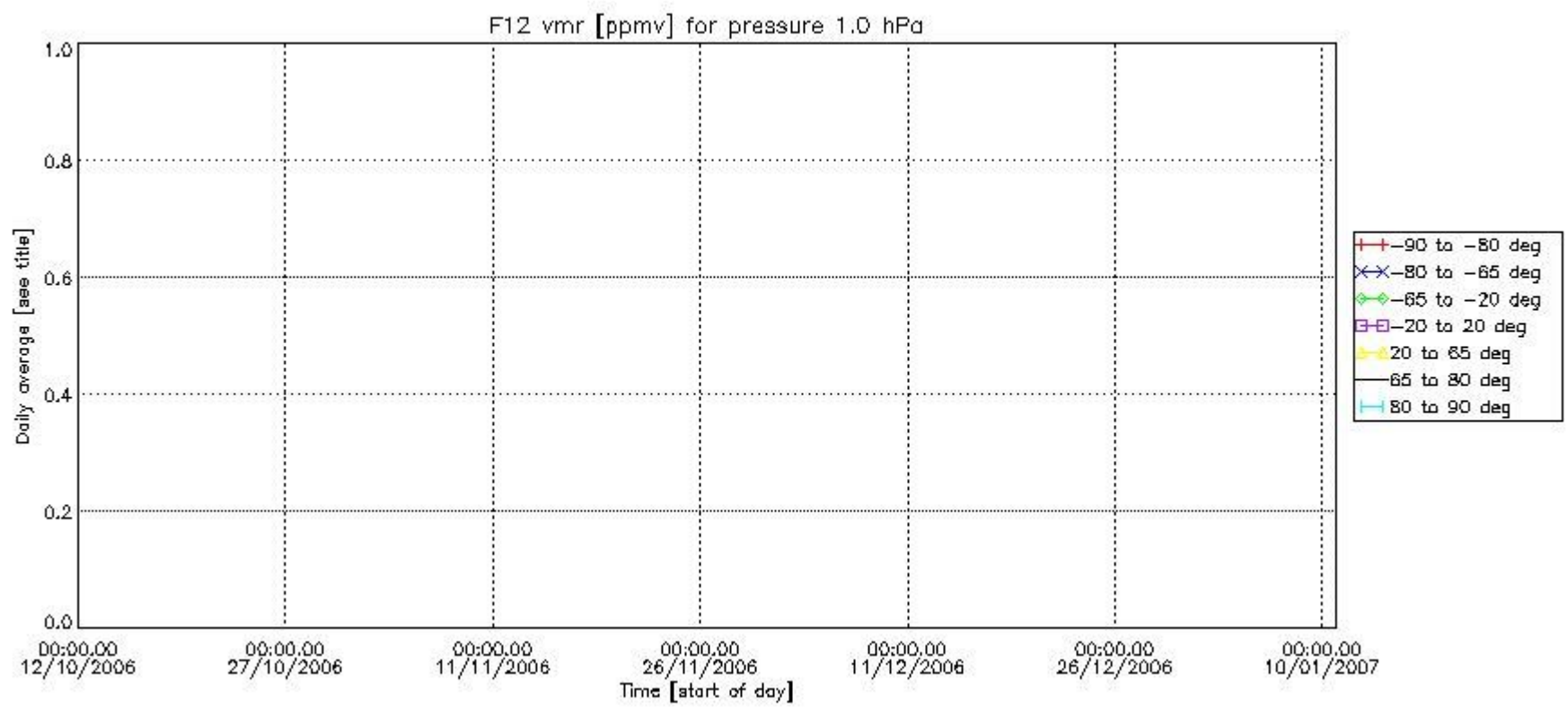
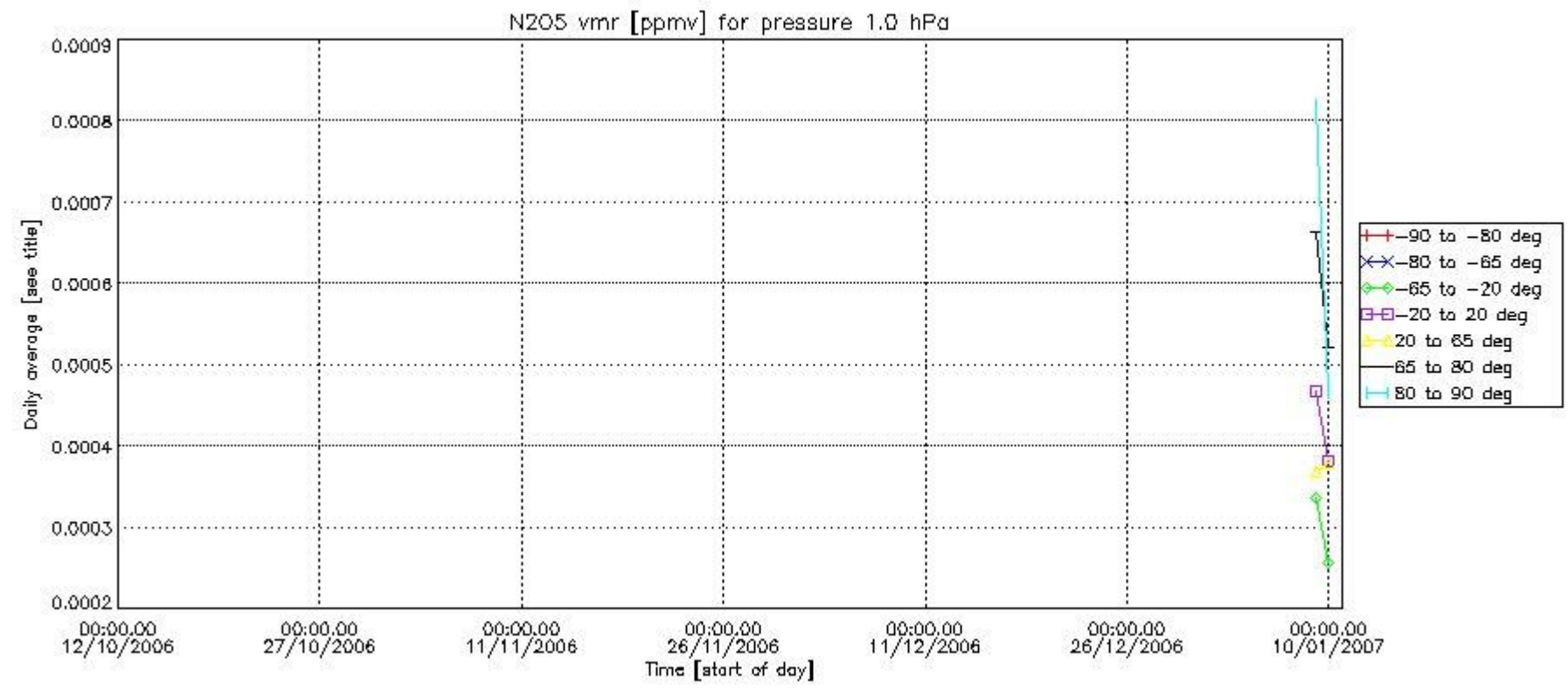


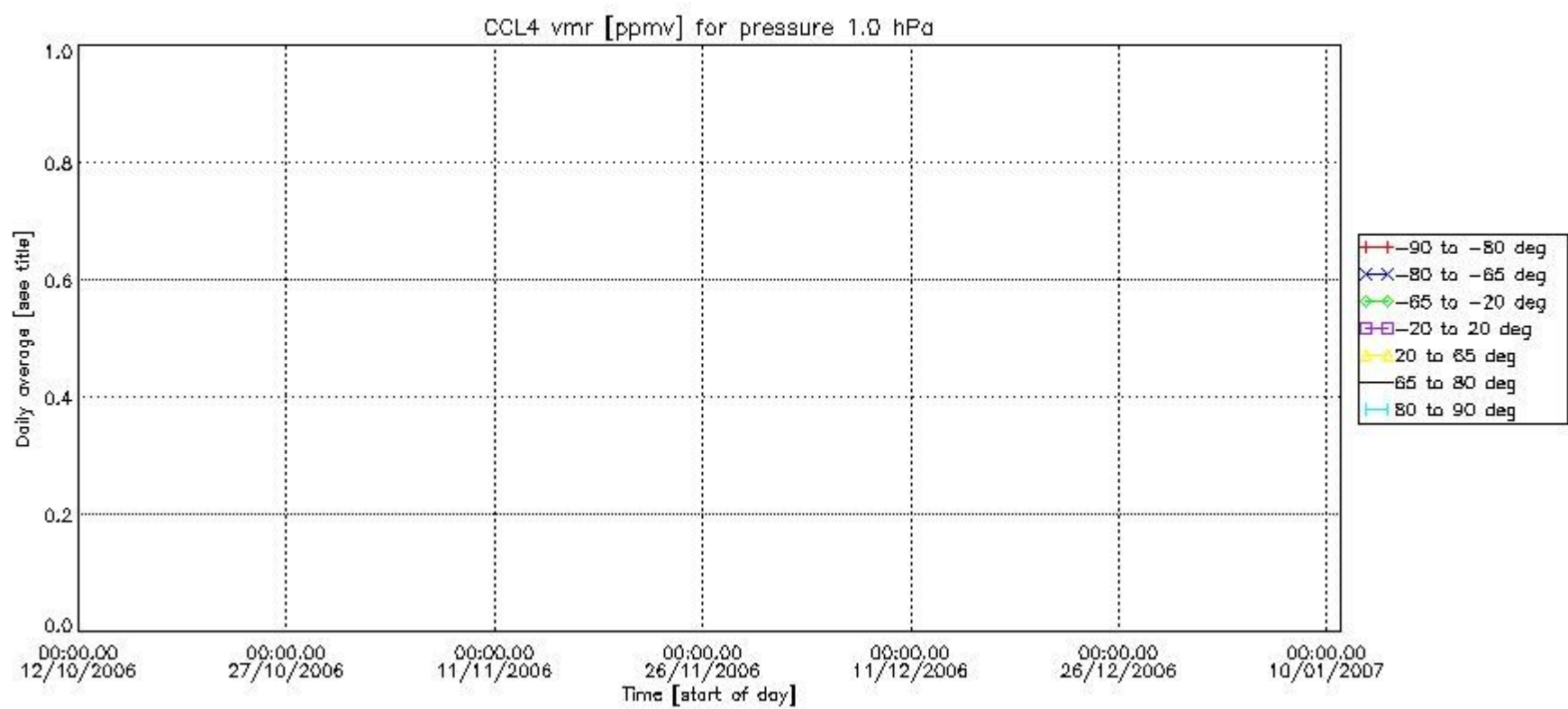
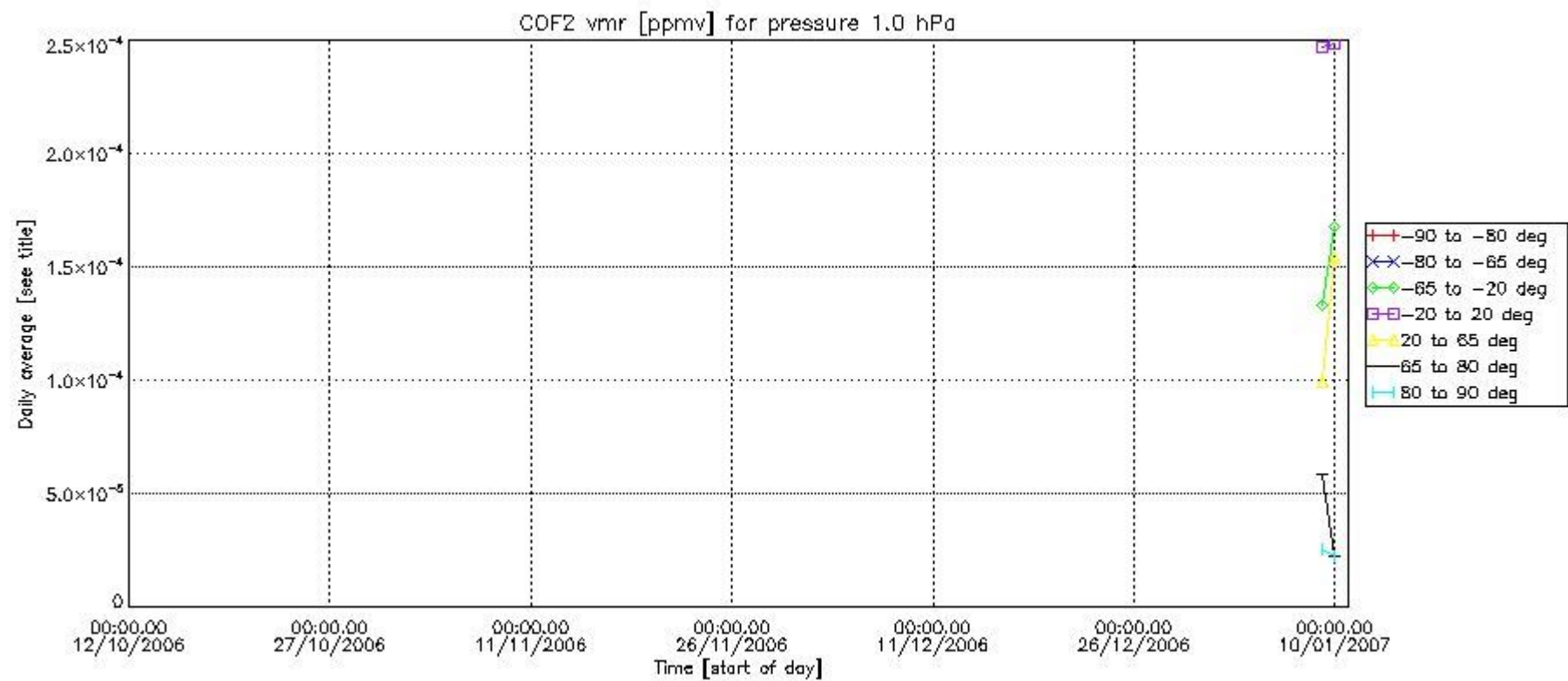


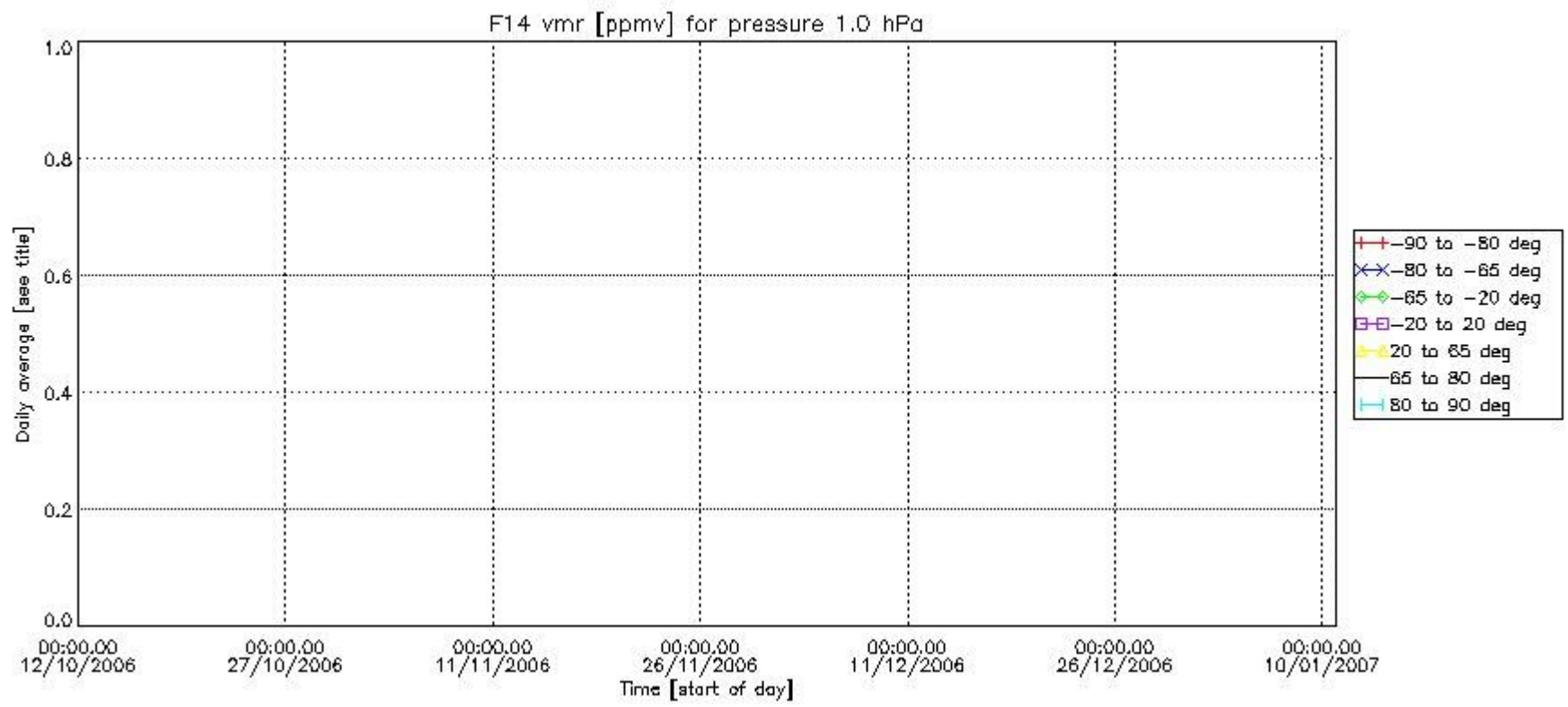
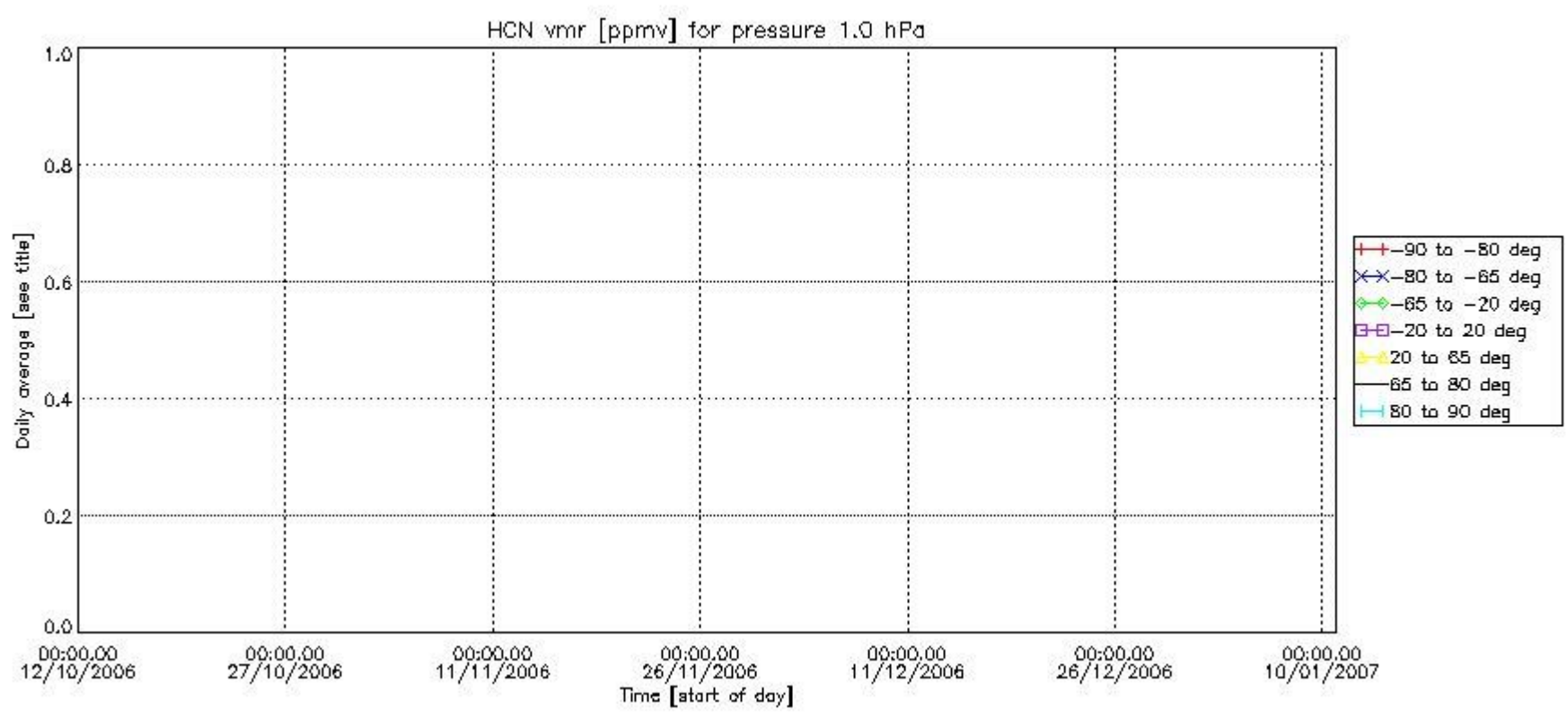


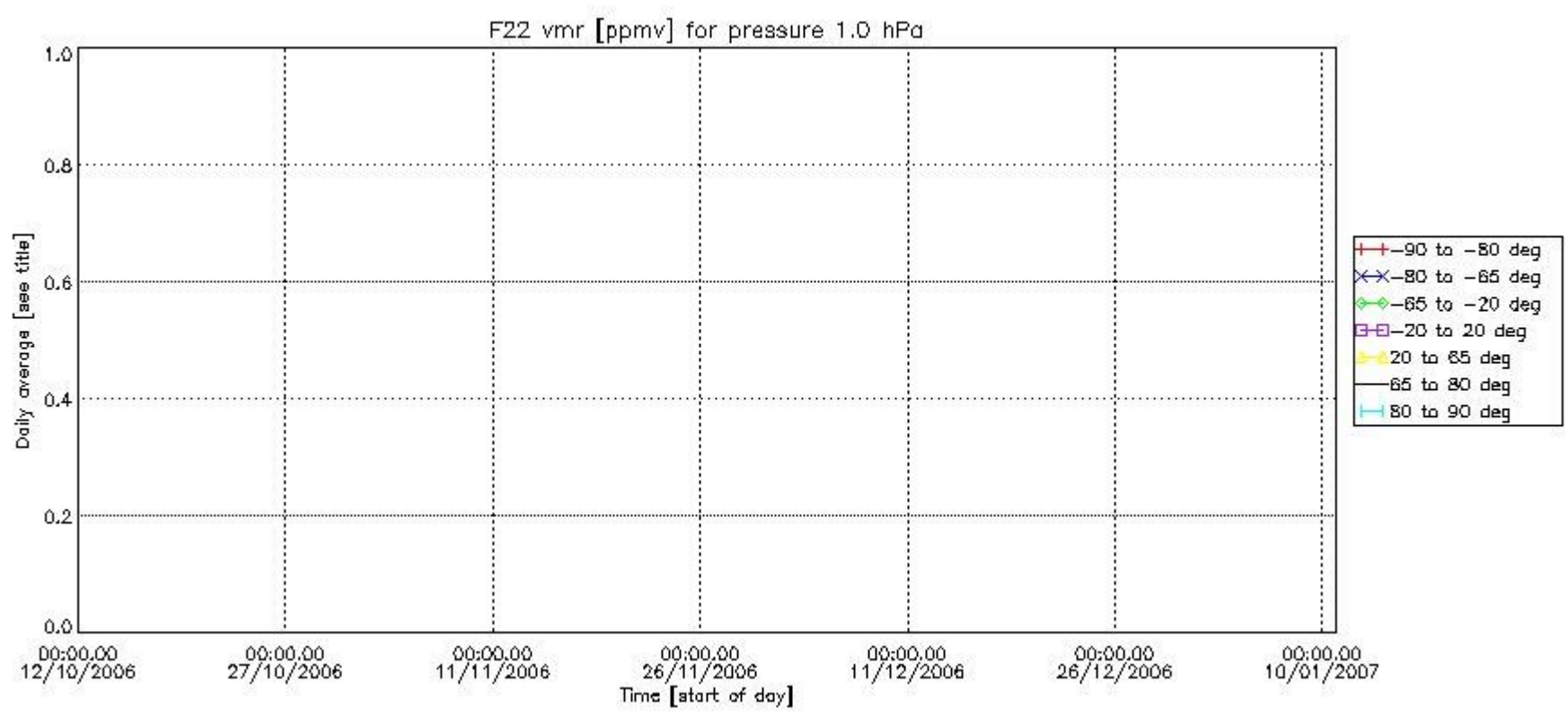














Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

