

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20090216.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	07MAY2016 00:38:24
Data source version	ML2PP/7.03-W
Processing scope for products	16FEB2009 00:00:00 to 17FEB2009 00:00:00
Start time of first product within scope	15FEB2009 23:11:56
Stop time of last product within scope	17FEB2009 00:20:16
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.

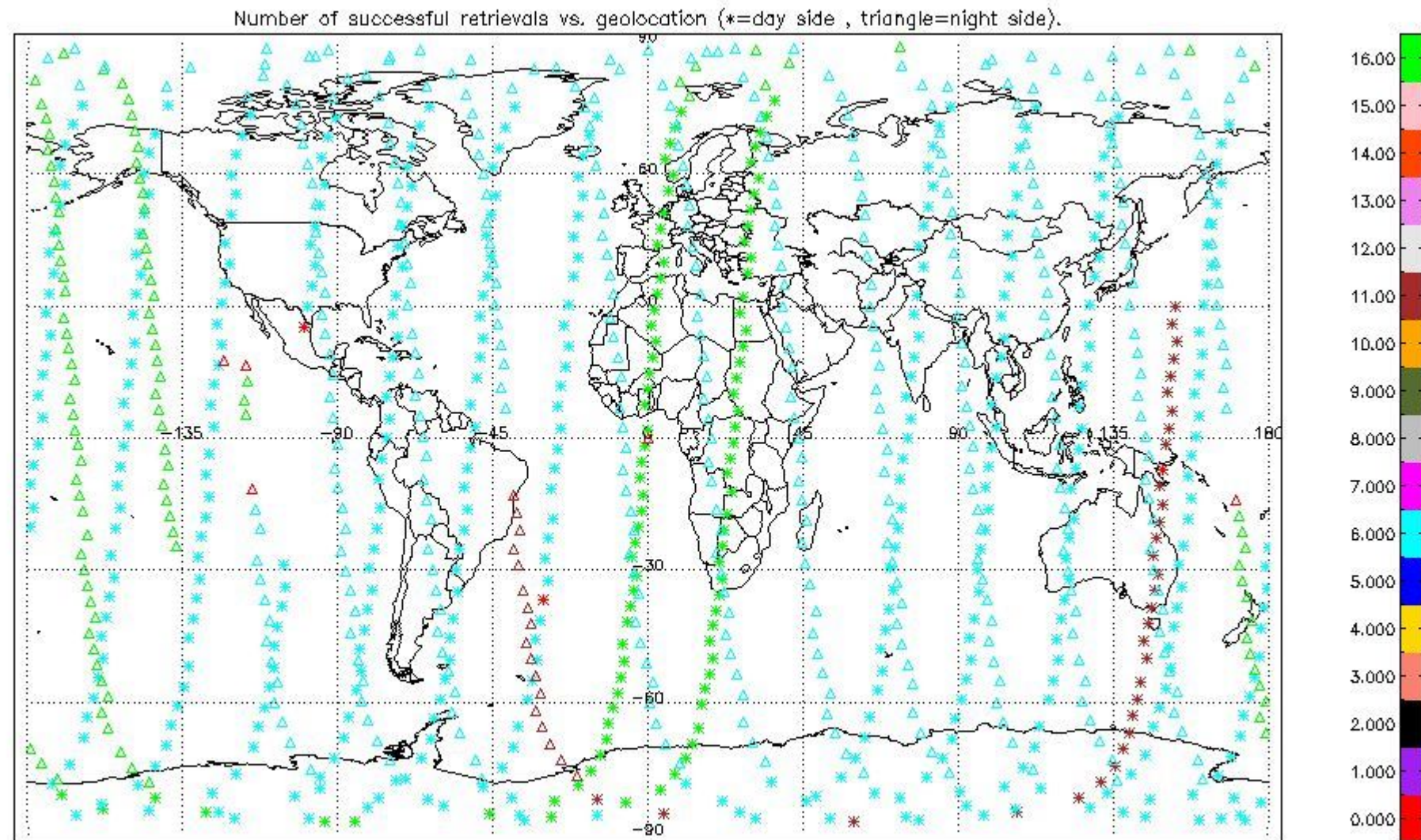
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20090215_231156_000060572076_00288_36414_1000.N1	15FEB2009 23:11:56	16FEB2009 00:52:53	0	90/90	
1	MIP_NL__2PWDSI20090216_005259_000060172076_00289_36415_1000.N1	16FEB2009 00:52:59	16FEB2009 02:33:16	0	74/74	
2	MIP_NL__2PWDSI20090216_023351_000059962076_00290_36416_1000.N1	16FEB2009 02:33:51	16FEB2009 04:13:48	0	75/75	
3	MIP_NL__2PWDSI20090216_041354_000059962076_00291_36417_1000.N1	16FEB2009 04:13:54	16FEB2009 05:53:50	0	75/75	
4	MIP_NL__2PWDSI20090216_055425_000060992076_00292_36418_1000.N1	16FEB2009 05:54:25	16FEB2009 06:06:04	0	9/8	
5	MIP_NL__2PWDSI20090216_073424_000060762076_00293_36419_1000.N1	16FEB2009 07:34:24	16FEB2009 09:15:40	0	97/97	
6	MIP_NL__2PWDSI20090216_091546_000059842076_00294_36420_1000.N1	16FEB2009 09:15:46	16FEB2009 10:55:30	0	95/95	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
7	MIP_NL__2PWDSI20090216_105536_000060762076_00295_36421_1000.N1	16FEB2009 10:55:36	16FEB2009 12:36:52	0	75/75	
8	MIP_NL__2PWDSI20090216_123727_000059962076_00296_36422_1000.N1	16FEB2009 12:37:27	16FEB2009 14:17:24	0	75/75	
9	MIP_NL__2PWDSI20090216_141730_000059962076_00297_36423_1000.N1	16FEB2009 14:17:30	16FEB2009 15:57:26	0	75/75	
10	MIP_NL__2PWDSI20090216_155801_000060662076_00298_36424_1000.N1	16FEB2009 15:58:01	16FEB2009 17:39:07	0	66/66	
11	MIP_NL__2PWDSI20090216_173914_000060252076_00299_36425_1000.N1	16FEB2009 17:39:14	16FEB2009 19:19:39	0	75/75	
12	MIP_NL__2PWDSI20090216_191945_000059962076_00300_36426_1000.N1	16FEB2009 19:19:45	16FEB2009 20:59:41	0	75/75	
13	MIP_NL__2PWDSI20090216_205948_000060252076_00301_36427_1000.N1	16FEB2009 20:59:48	16FEB2009 22:40:13	0	75/75	
14	MIP_NL__2PWDSI20090216_224019_000059962076_00302_36428_1000.N1	16FEB2009 22:40:19	17FEB2009 00:20:16	0	75/75	

2.2 Processing performance indicators

2.2.1 Successful retrievals

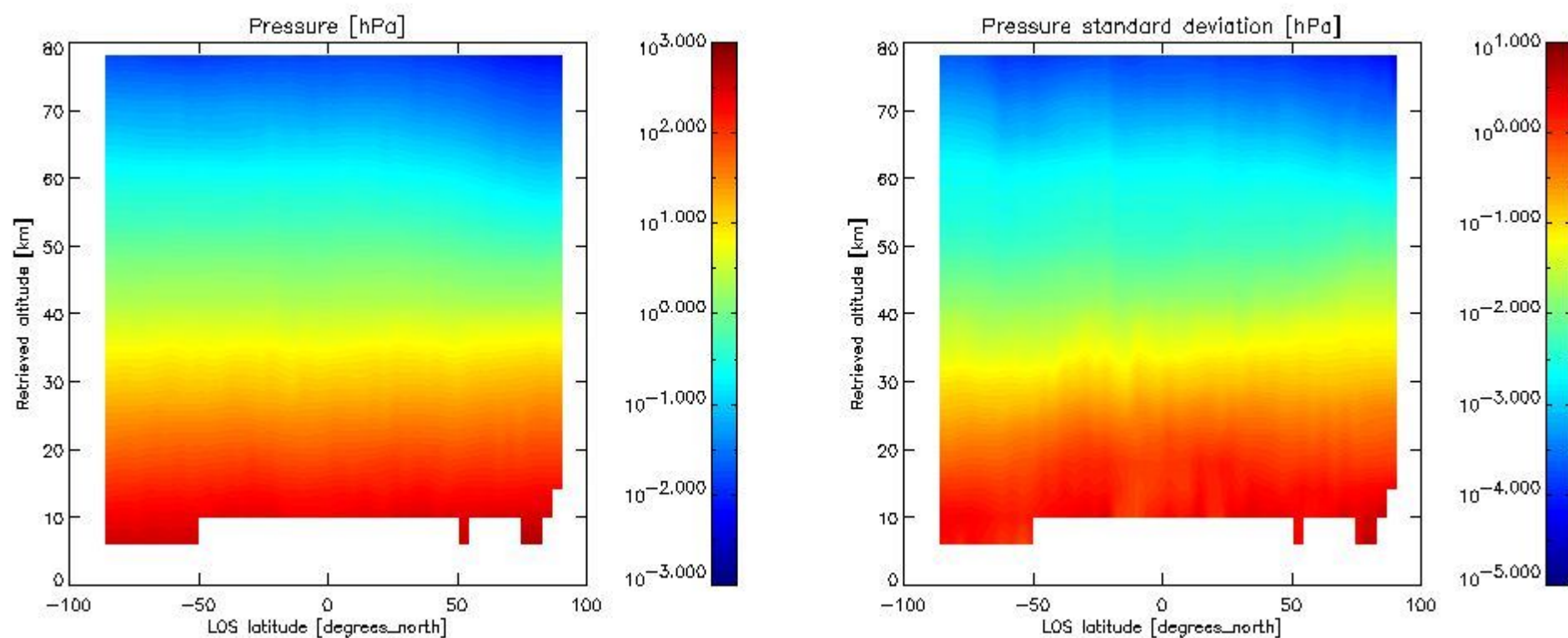
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1105	1037	93.846
H2O	1105	1037	93.846
O3	1105	1037	93.846
HNO3	1105	246	22.262
CH4	1105	1037	93.846
N2O	1105	1037	93.846
NO2	1105	1037	93.846
F11	1105	246	22.262
CLNO	1105	246	22.262
N2O5	1105	246	22.262
F12	1105	246	22.262
COF2	1105	198	17.919
CCL4	1105	198	17.919
HCN	1105	198	17.919
F14	1105	198	17.919
F22	1105	198	17.919



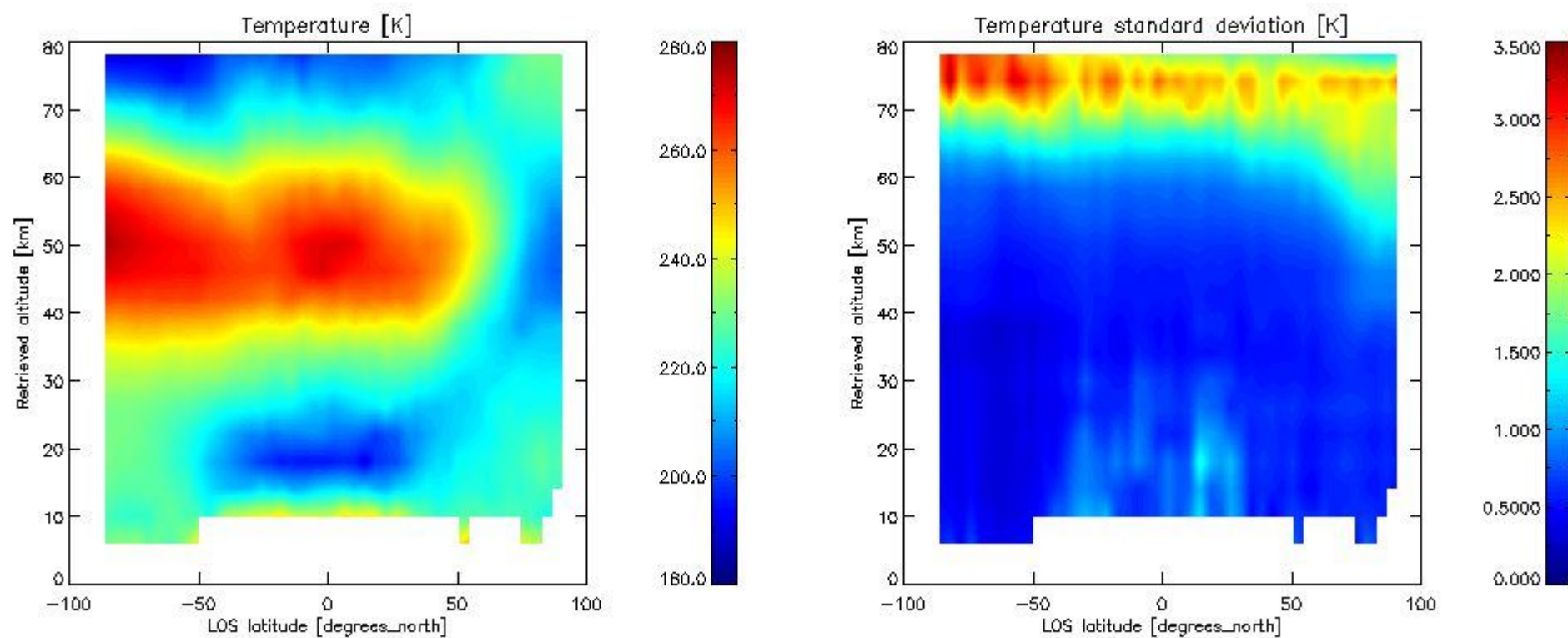
2.2.2 Pressure overview

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



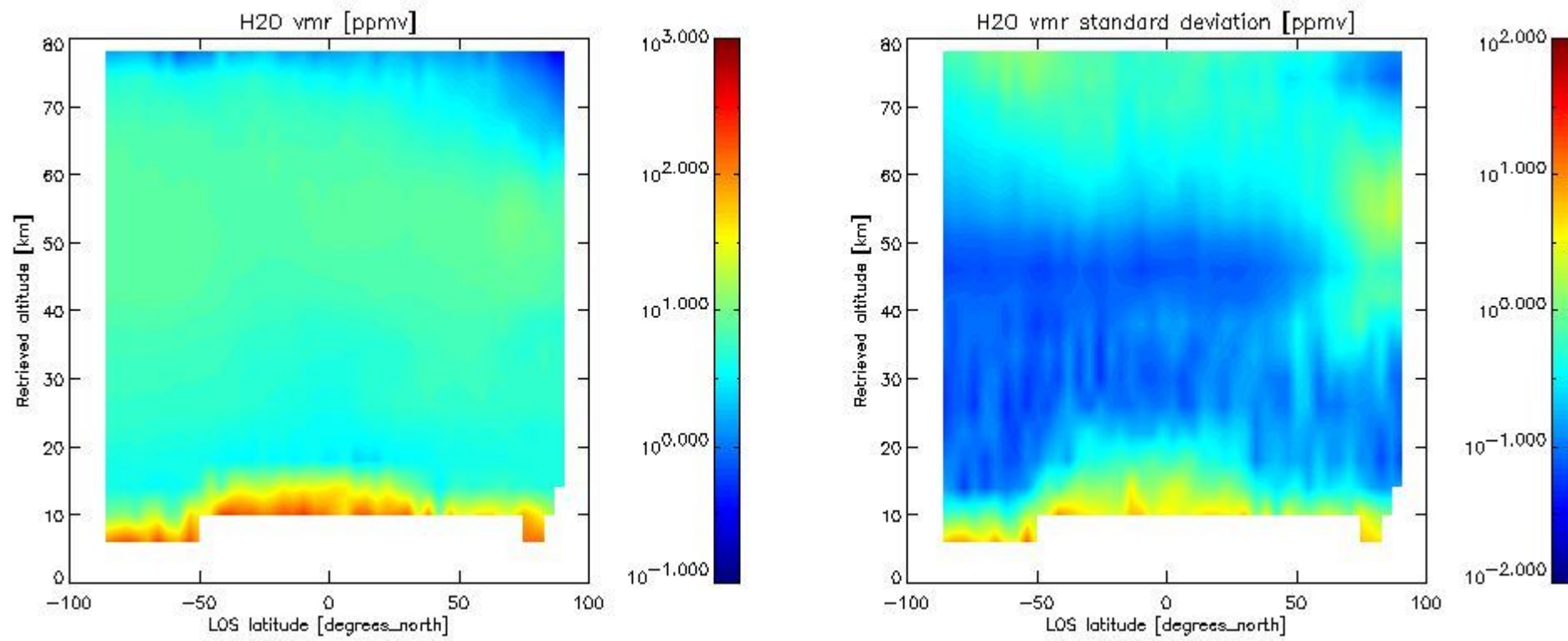
2.2.3 Temperature overview

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

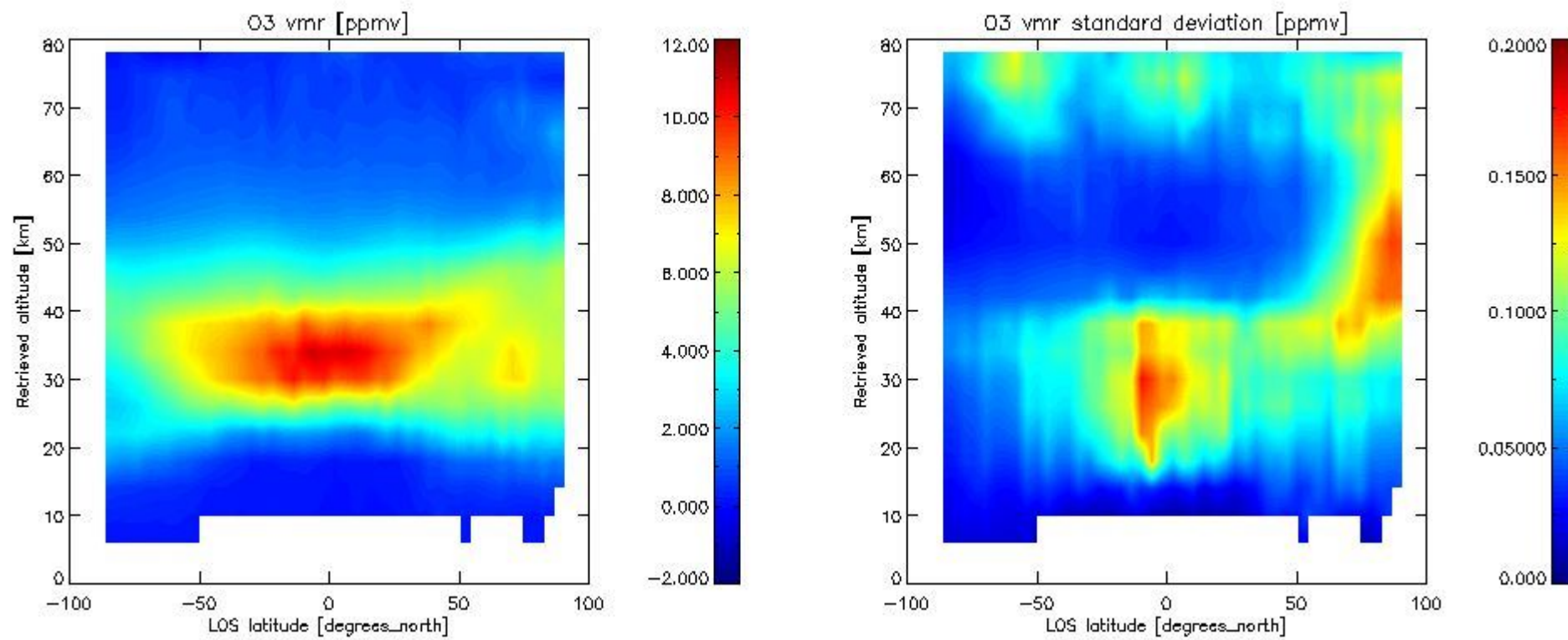


2.2.4 Species overview

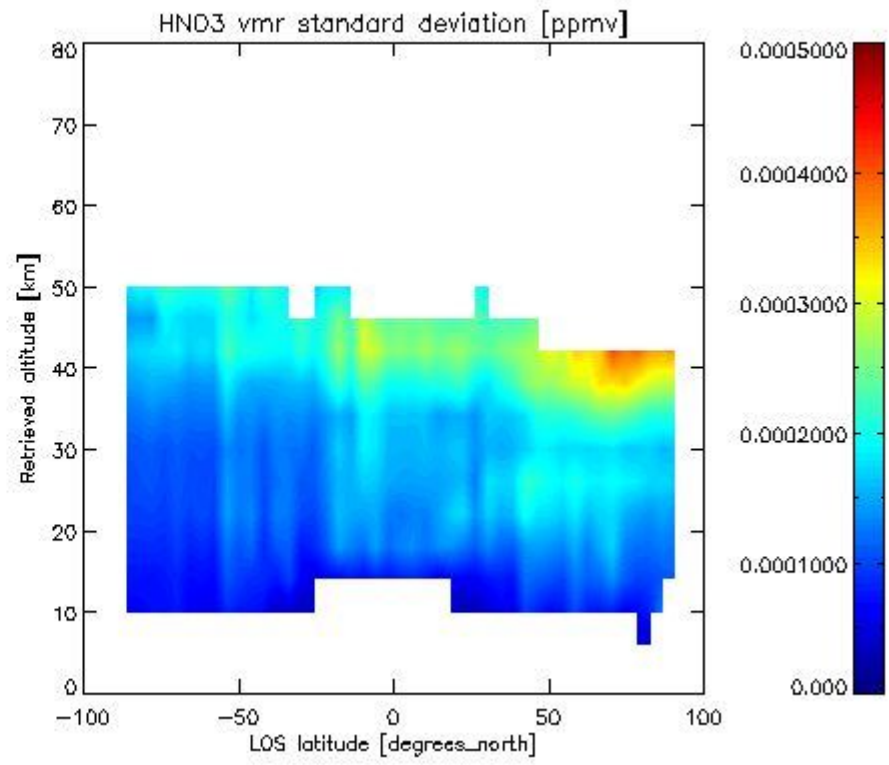
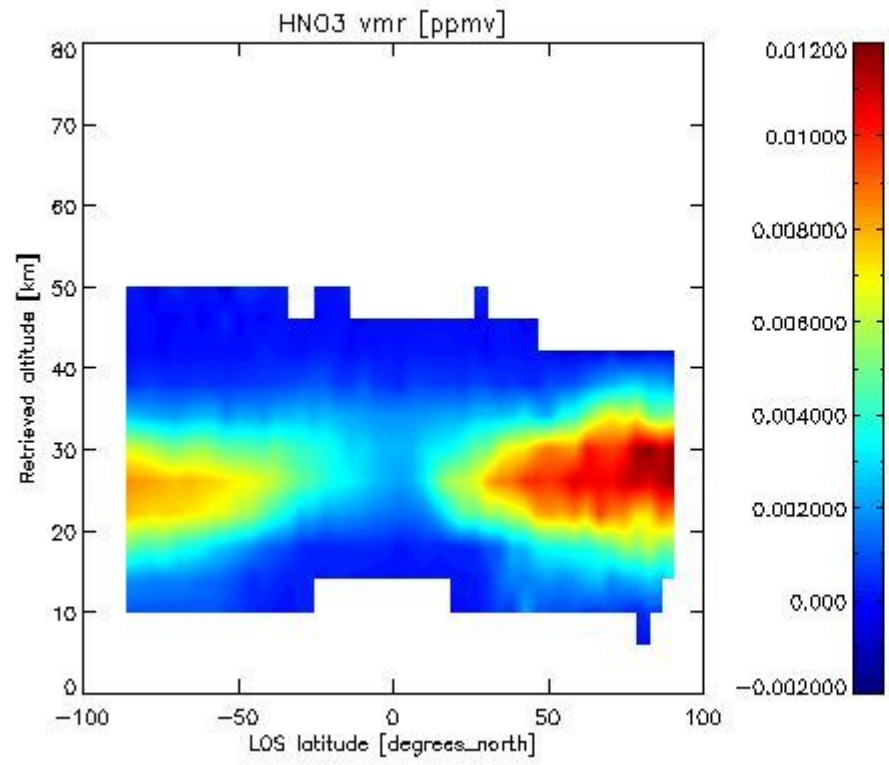
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



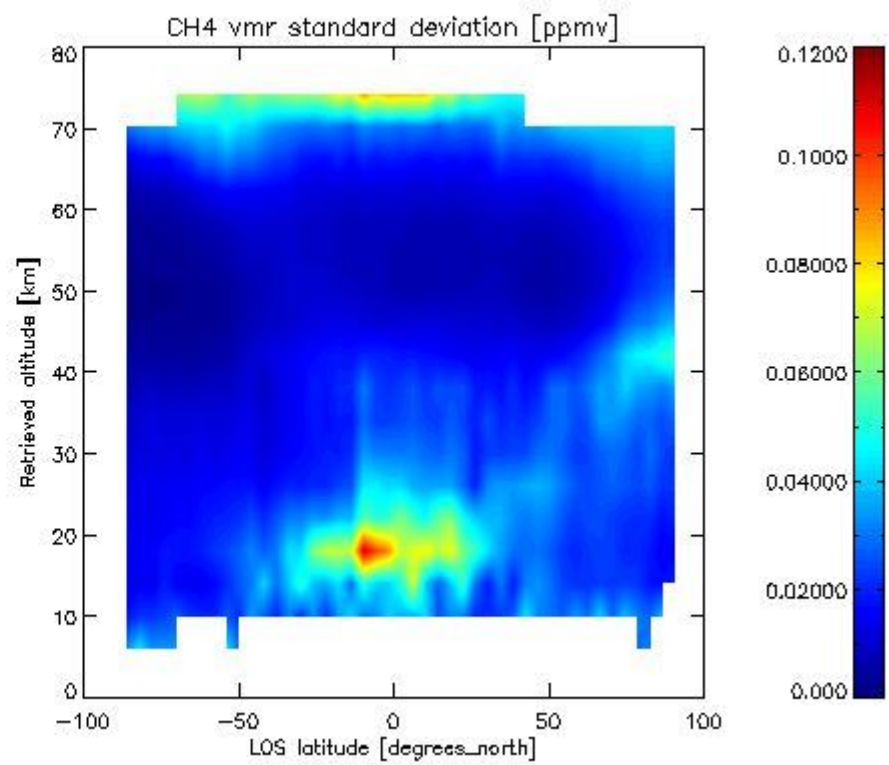
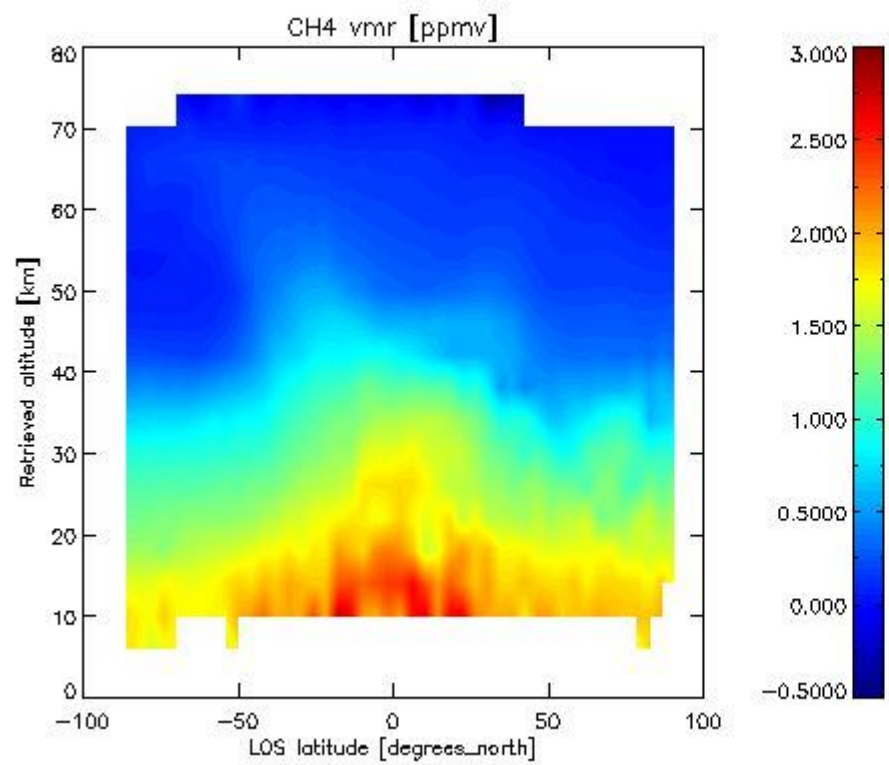
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



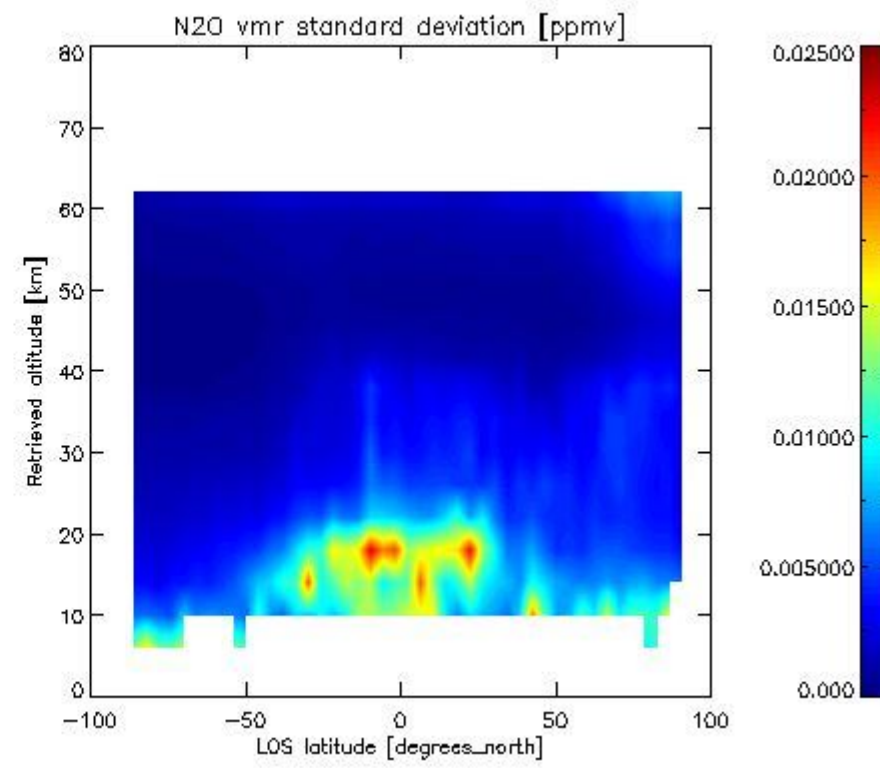
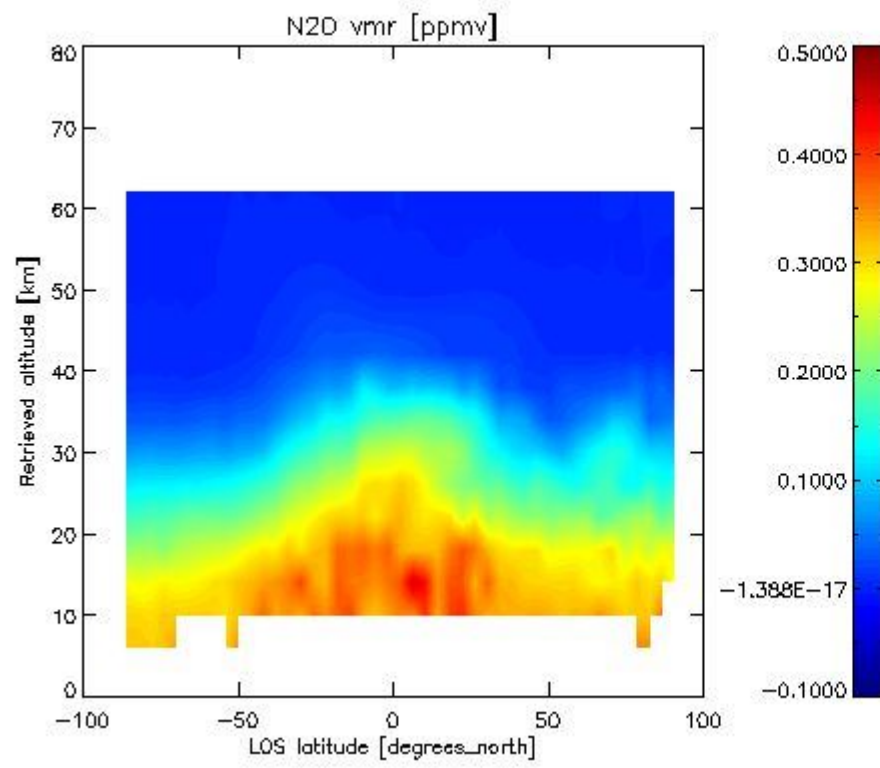
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



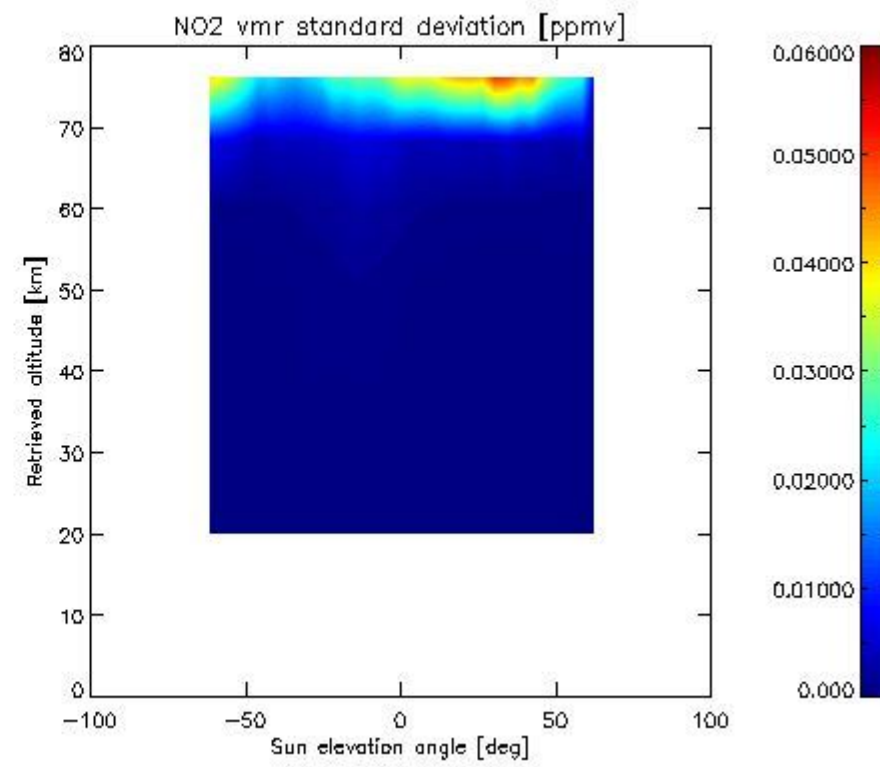
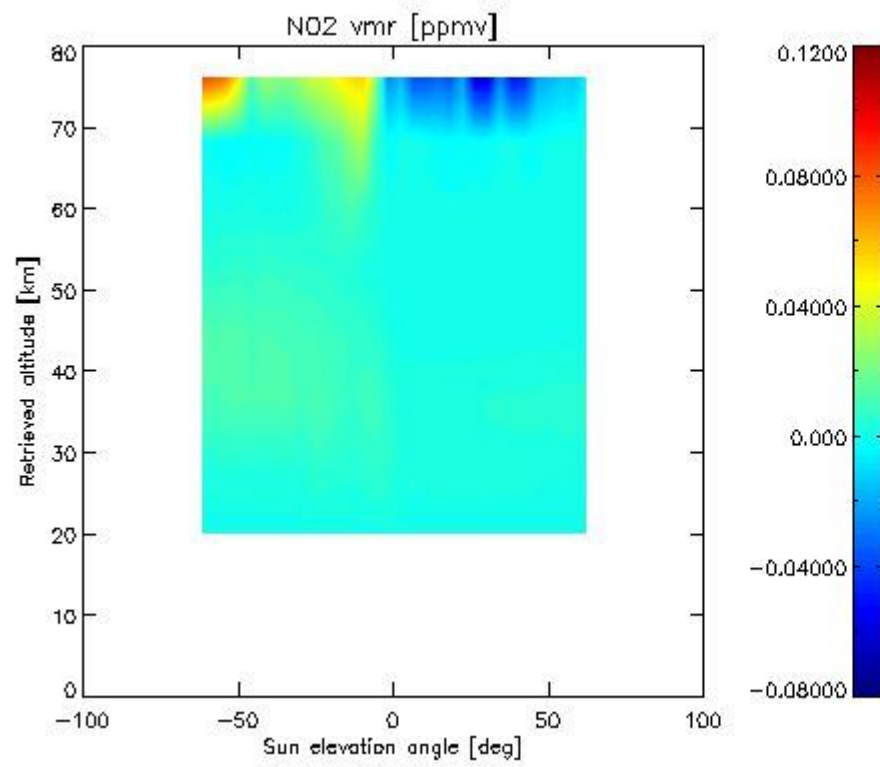
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



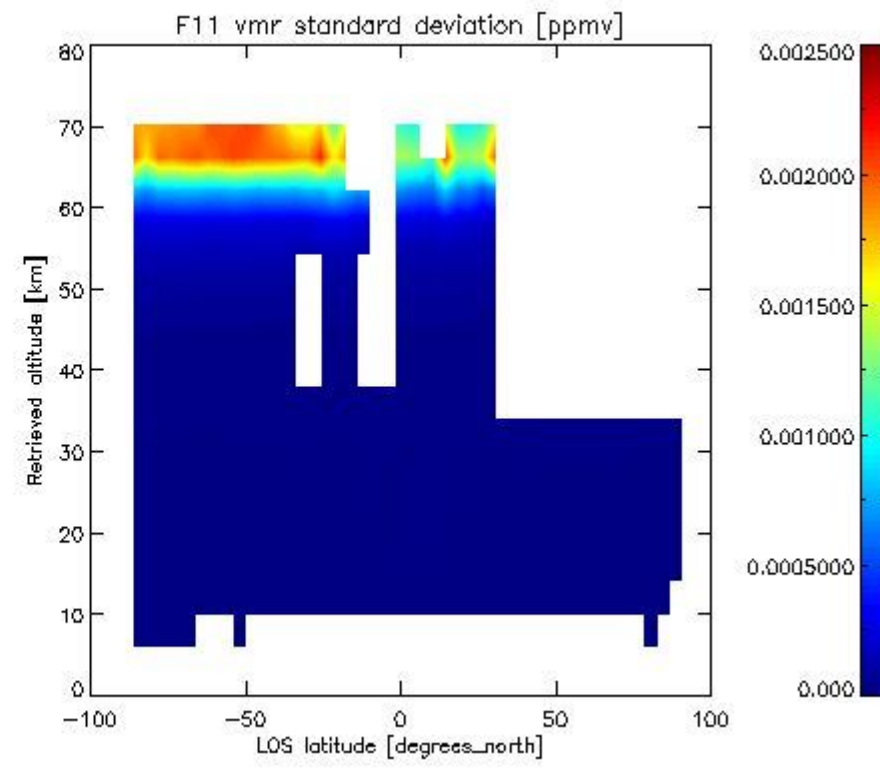
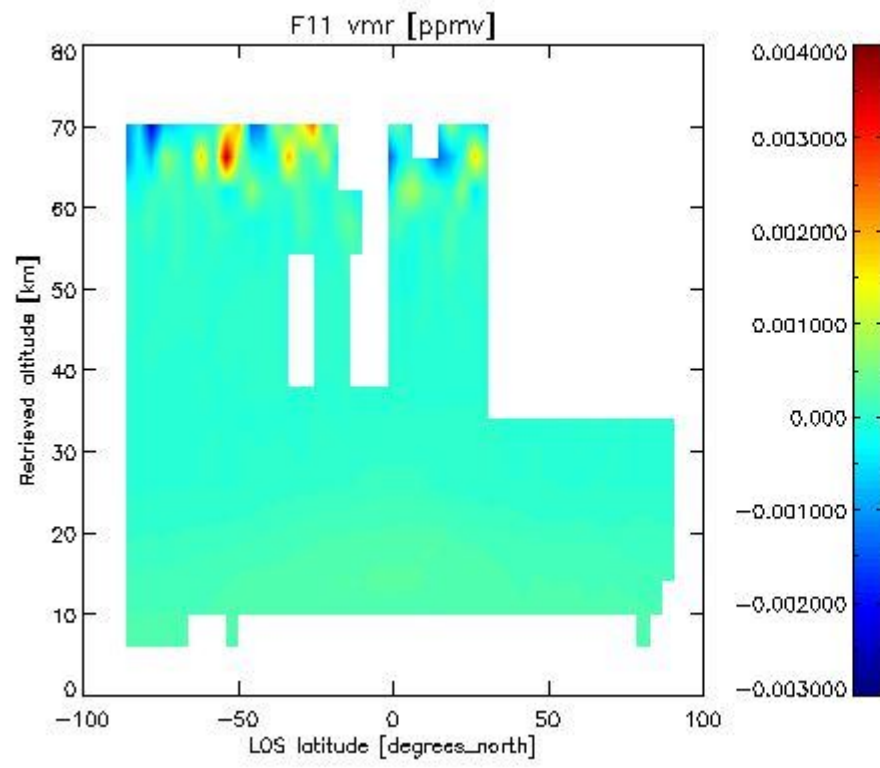
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



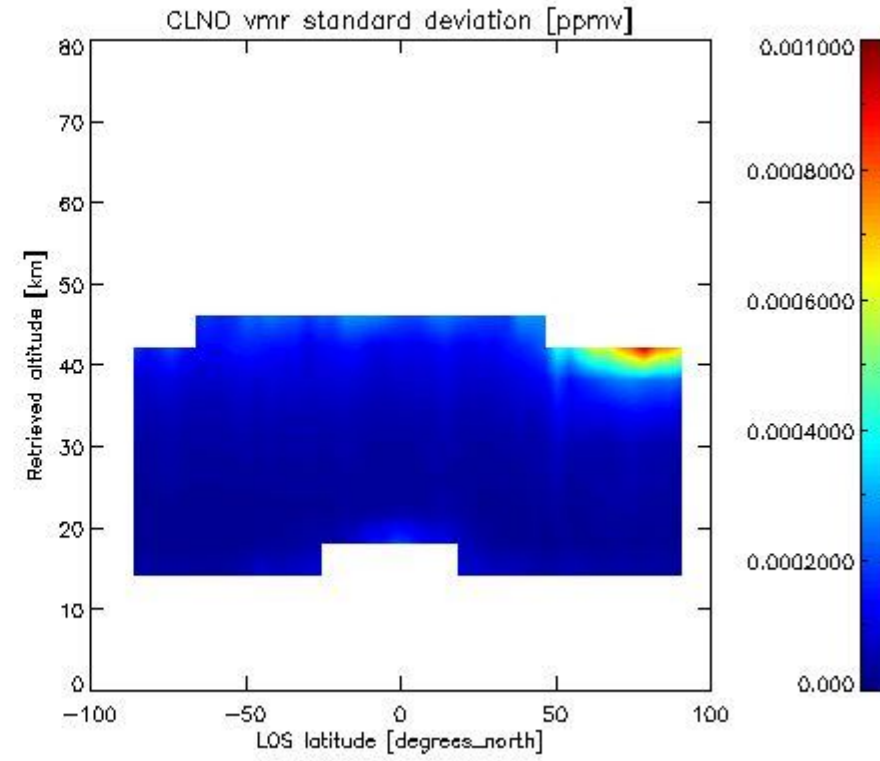
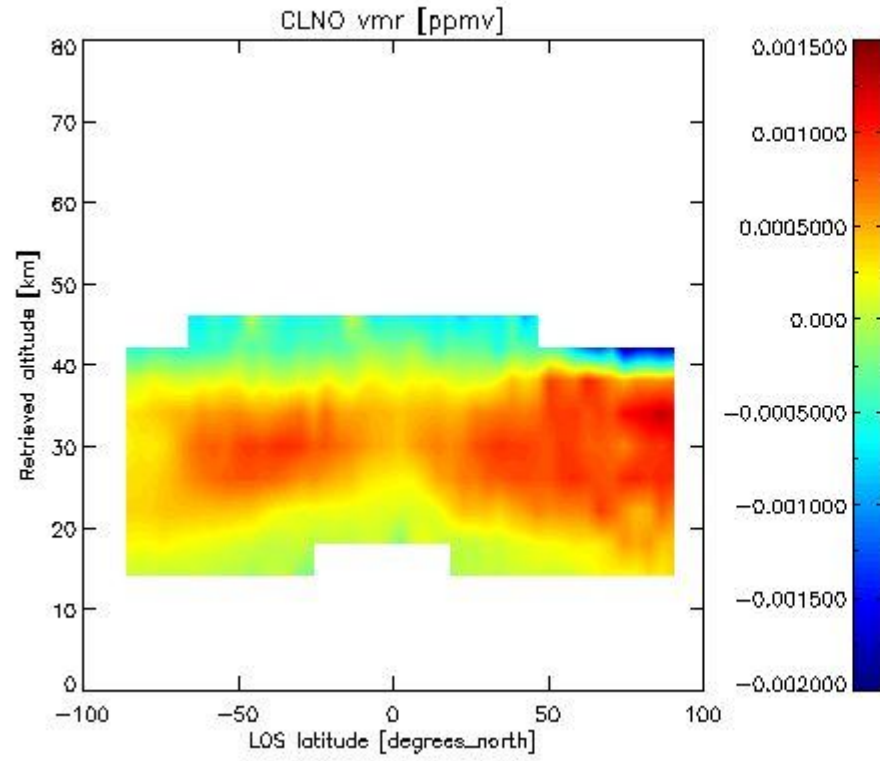
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 8 km.



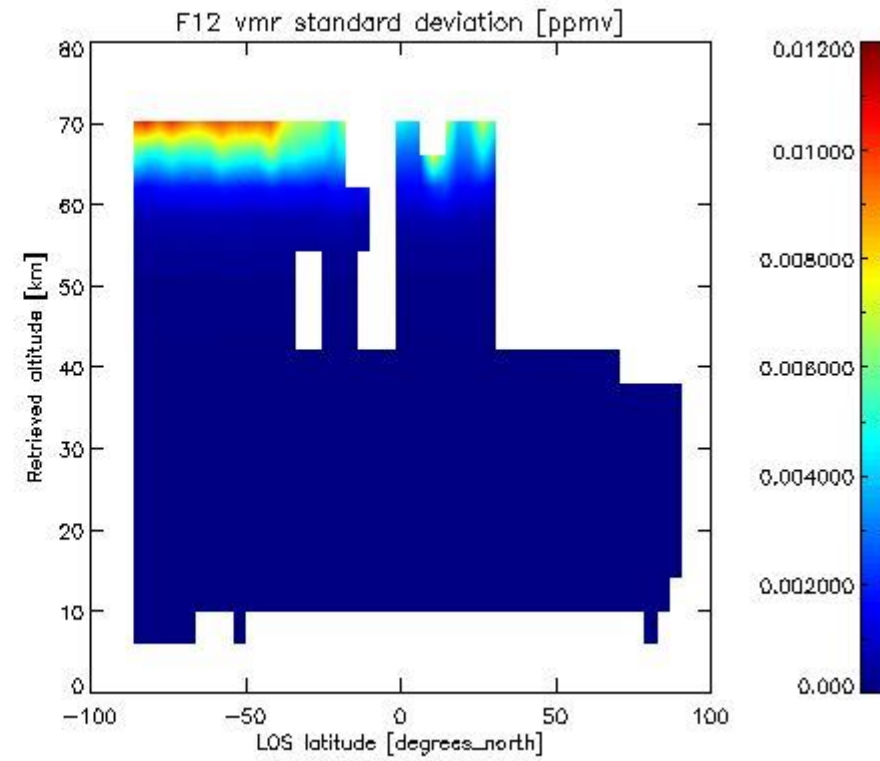
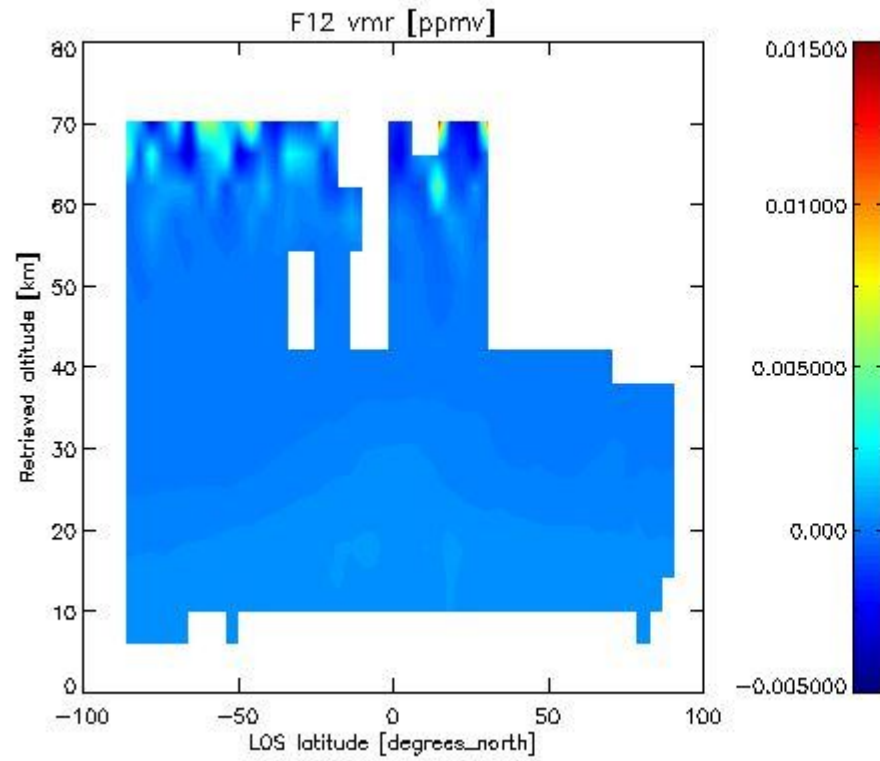
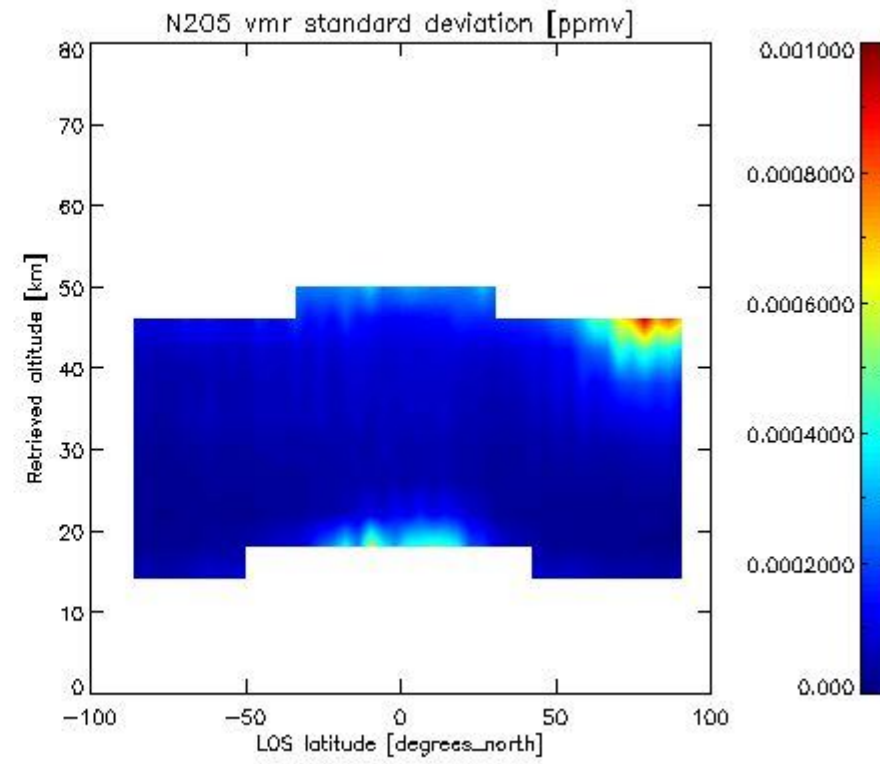
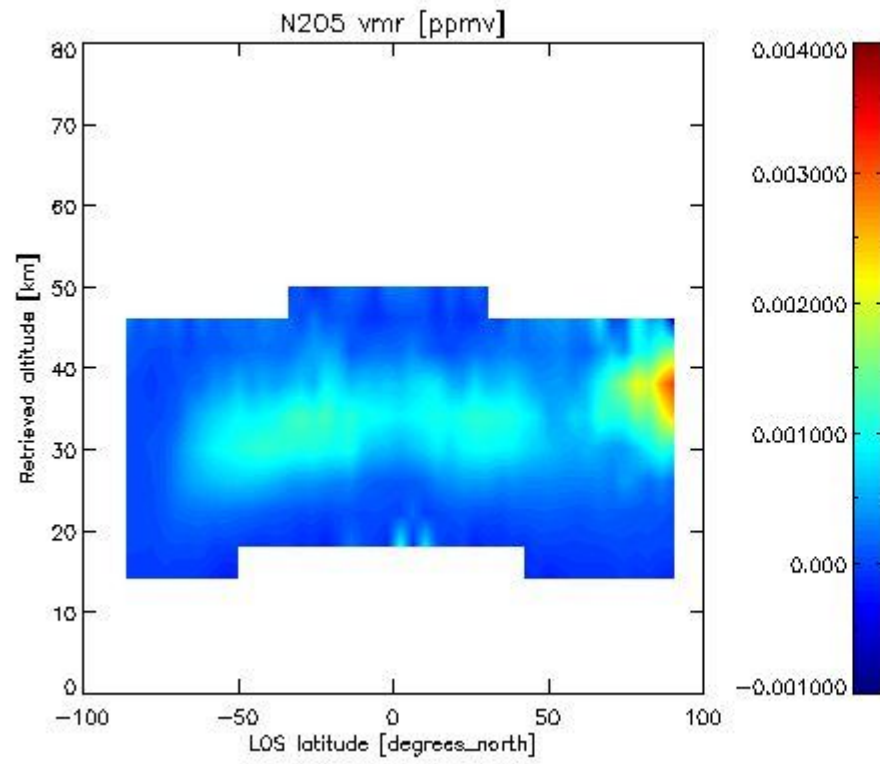
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

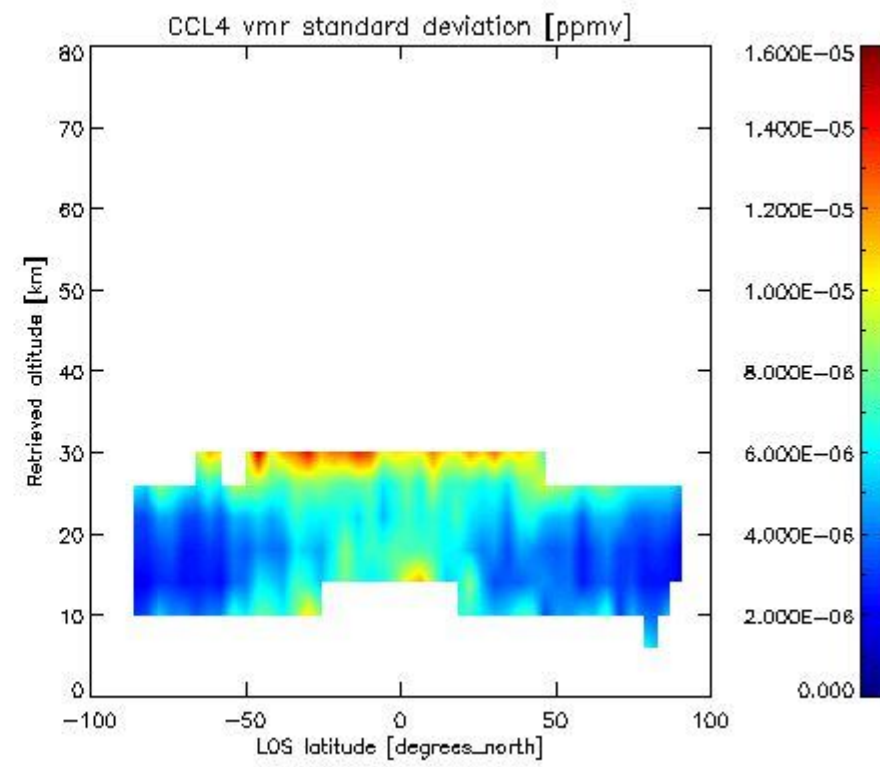
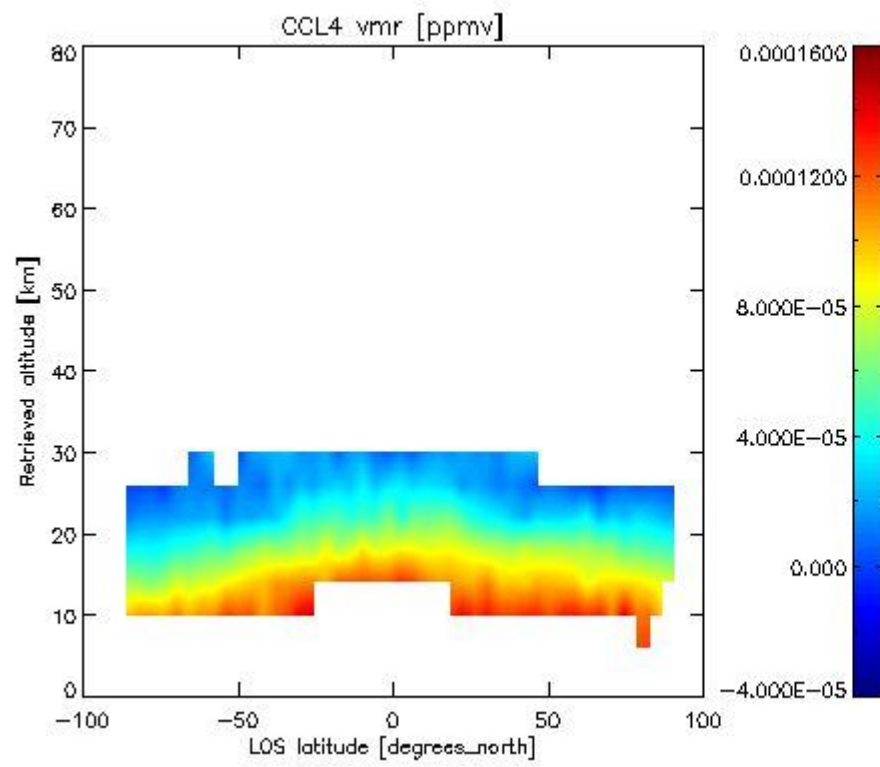
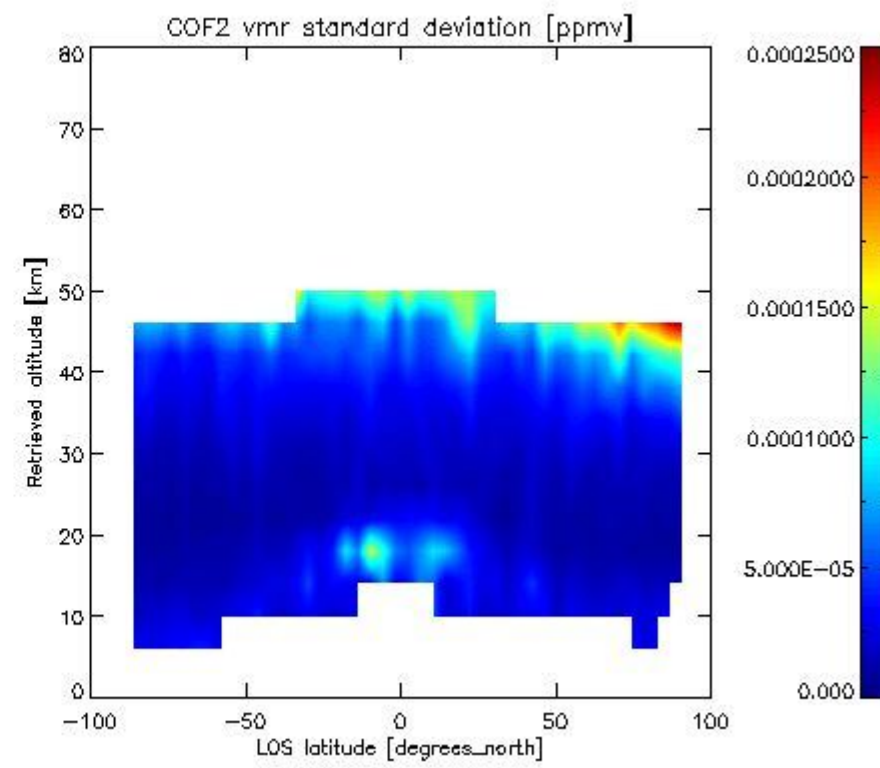
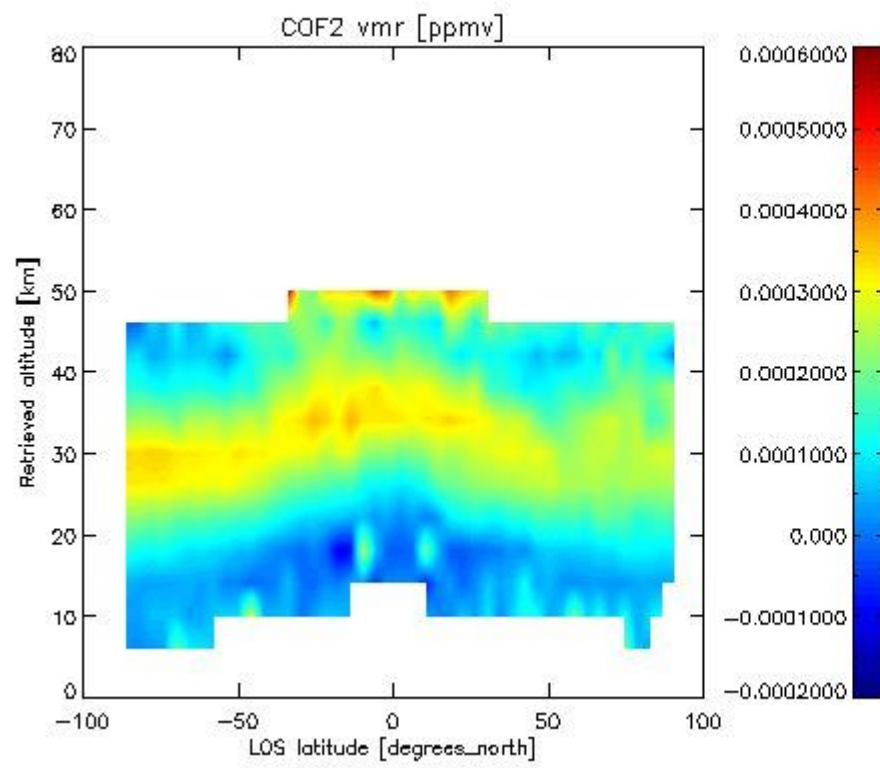


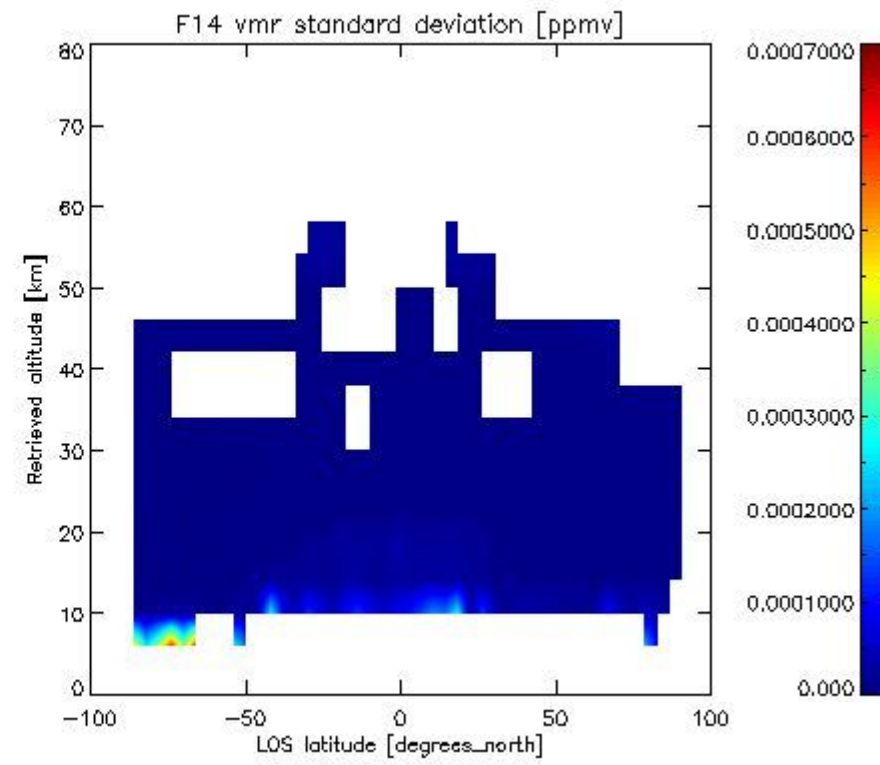
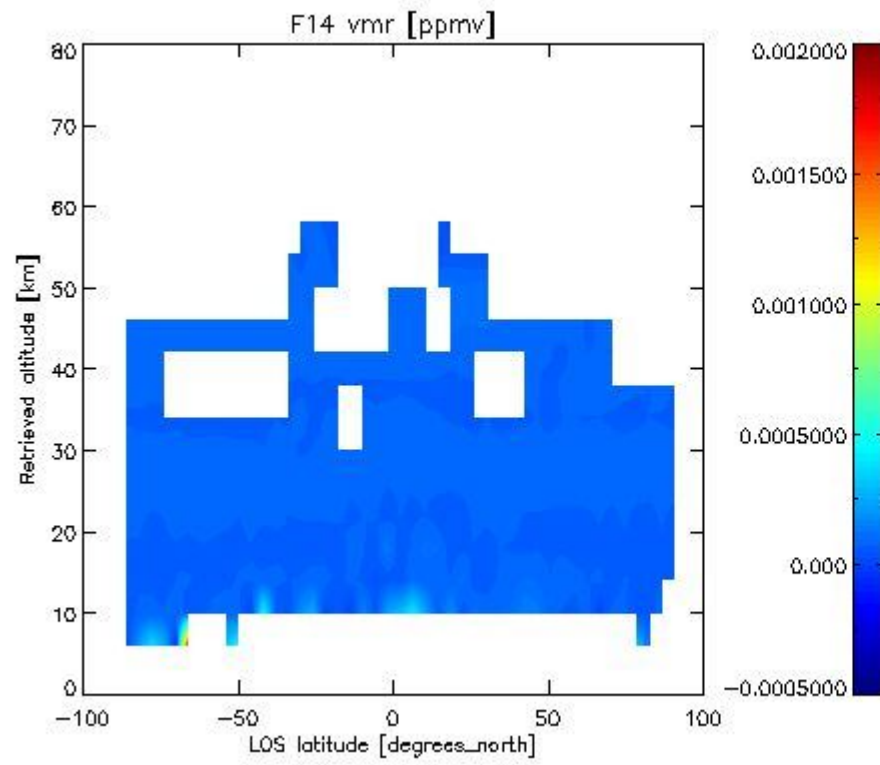
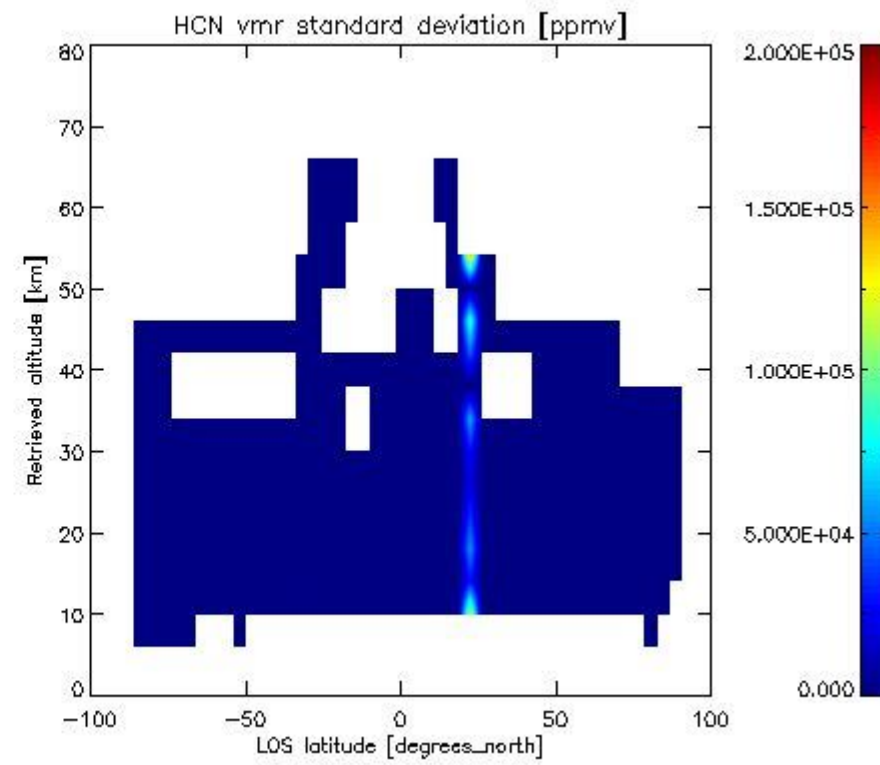
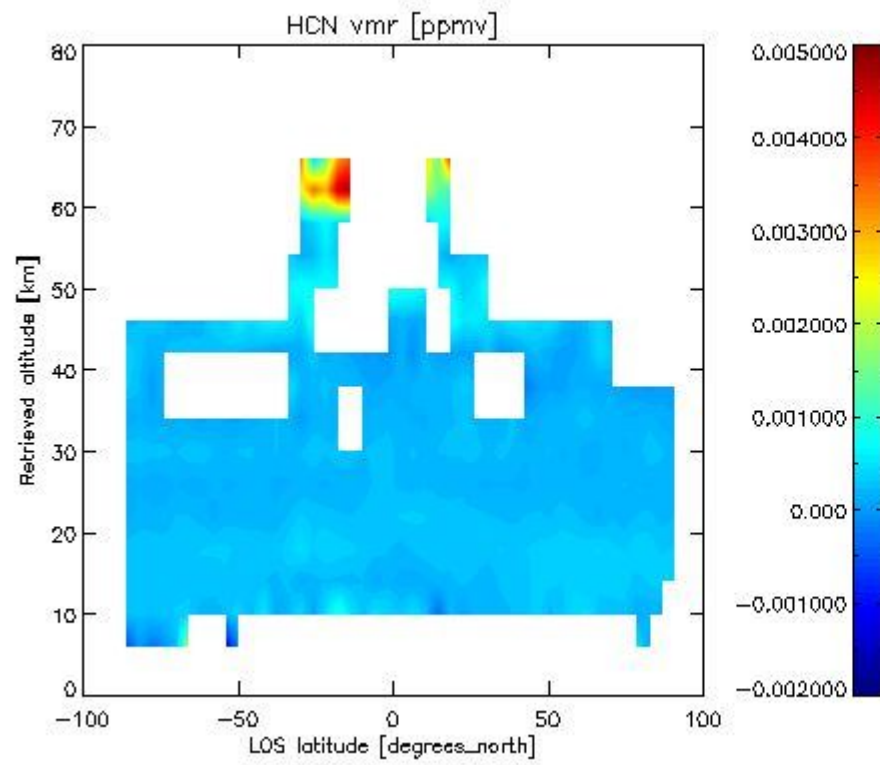
2.3.8 CLNO version This section shows values (left) and error (right) for CLNO after binning individual average values over retrieved altitude and target latitude.

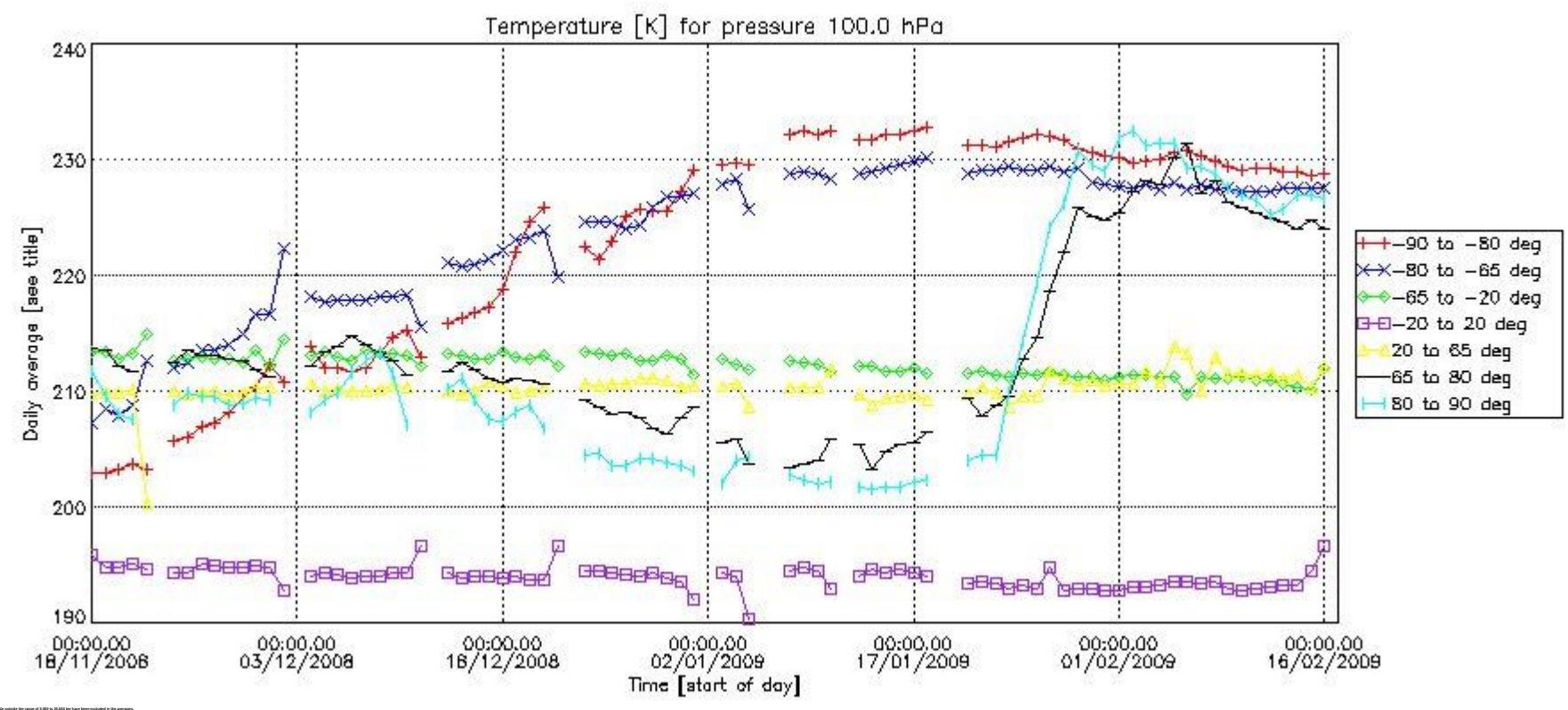
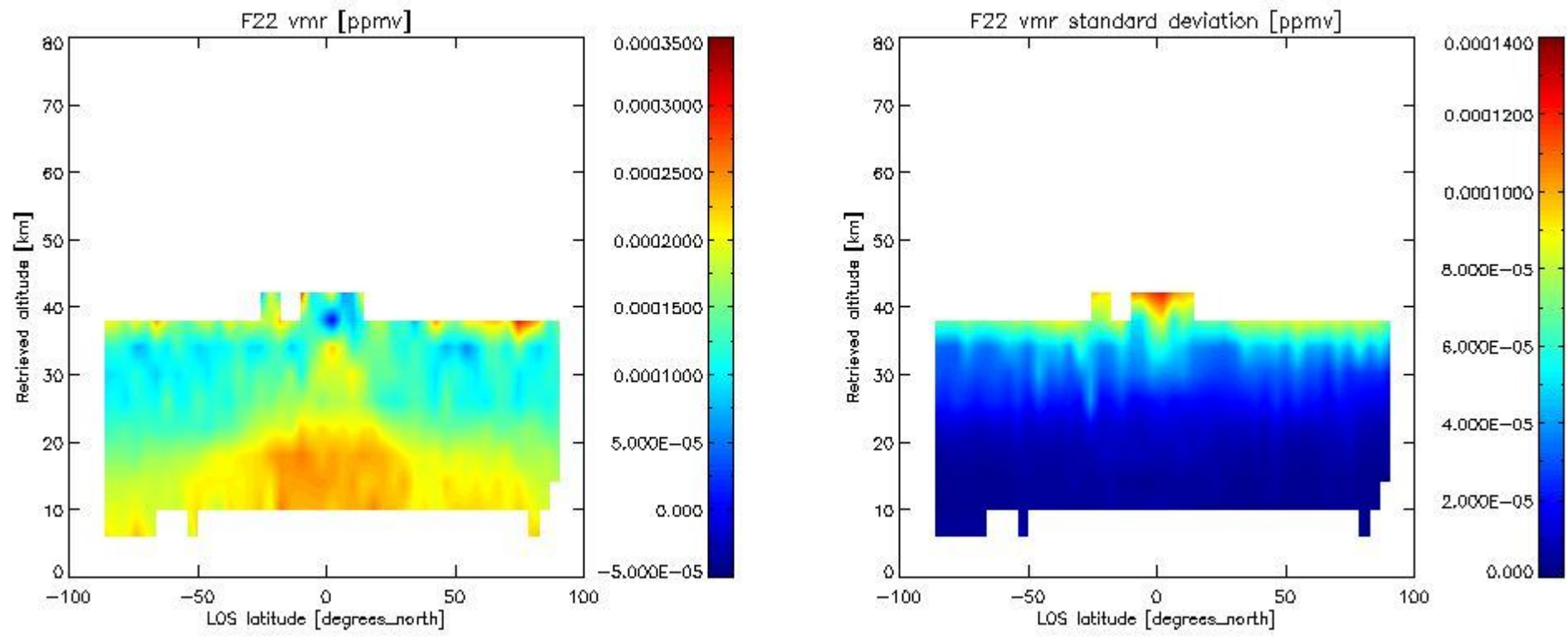


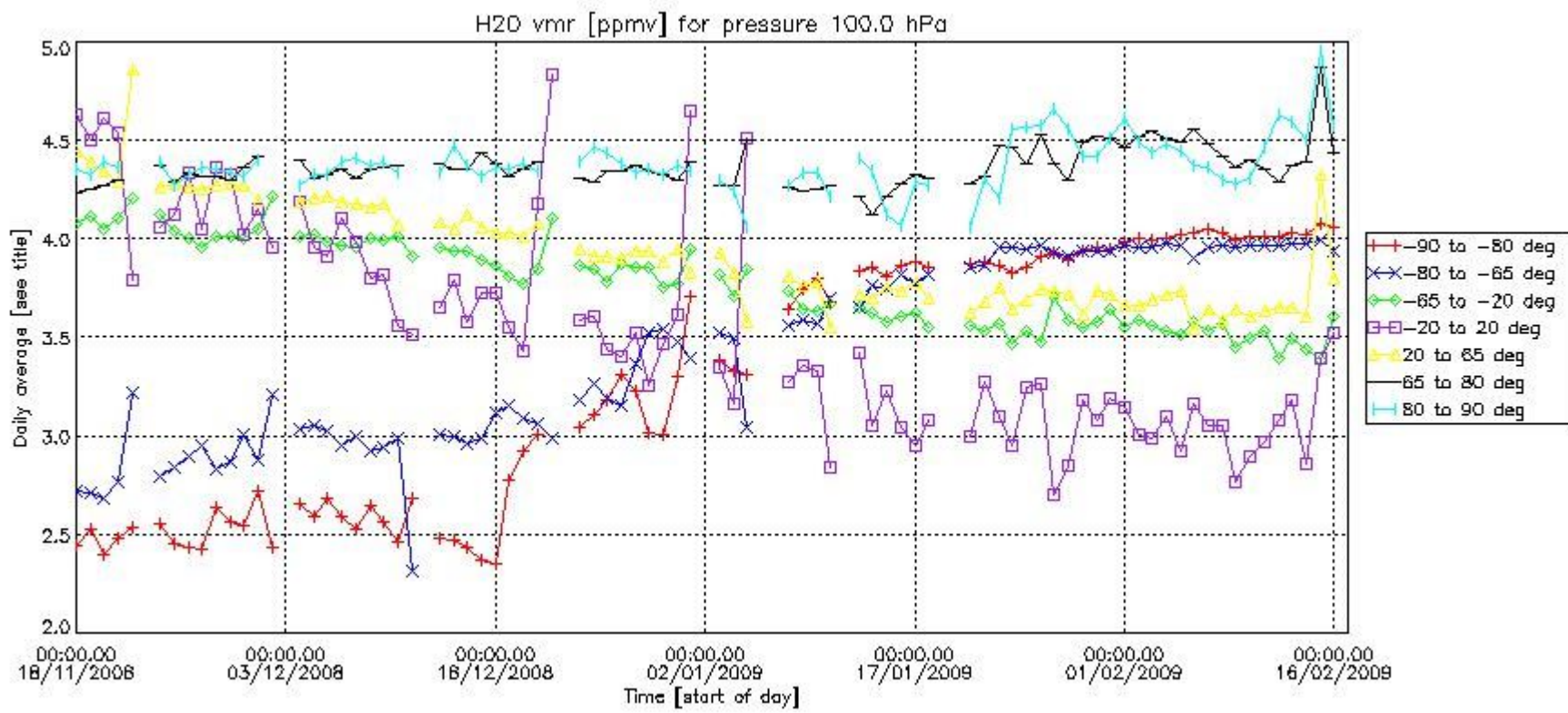
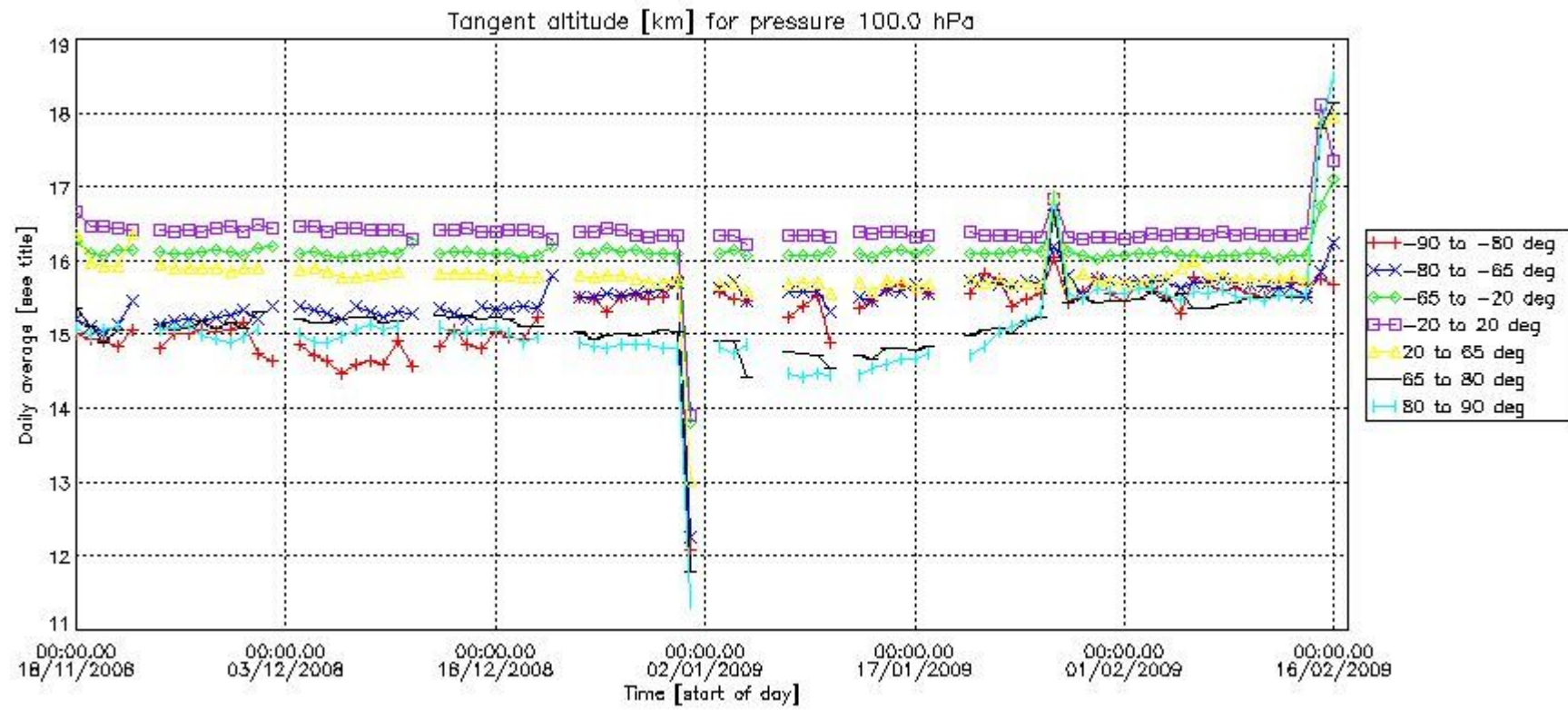
CLNO version 2.3.8

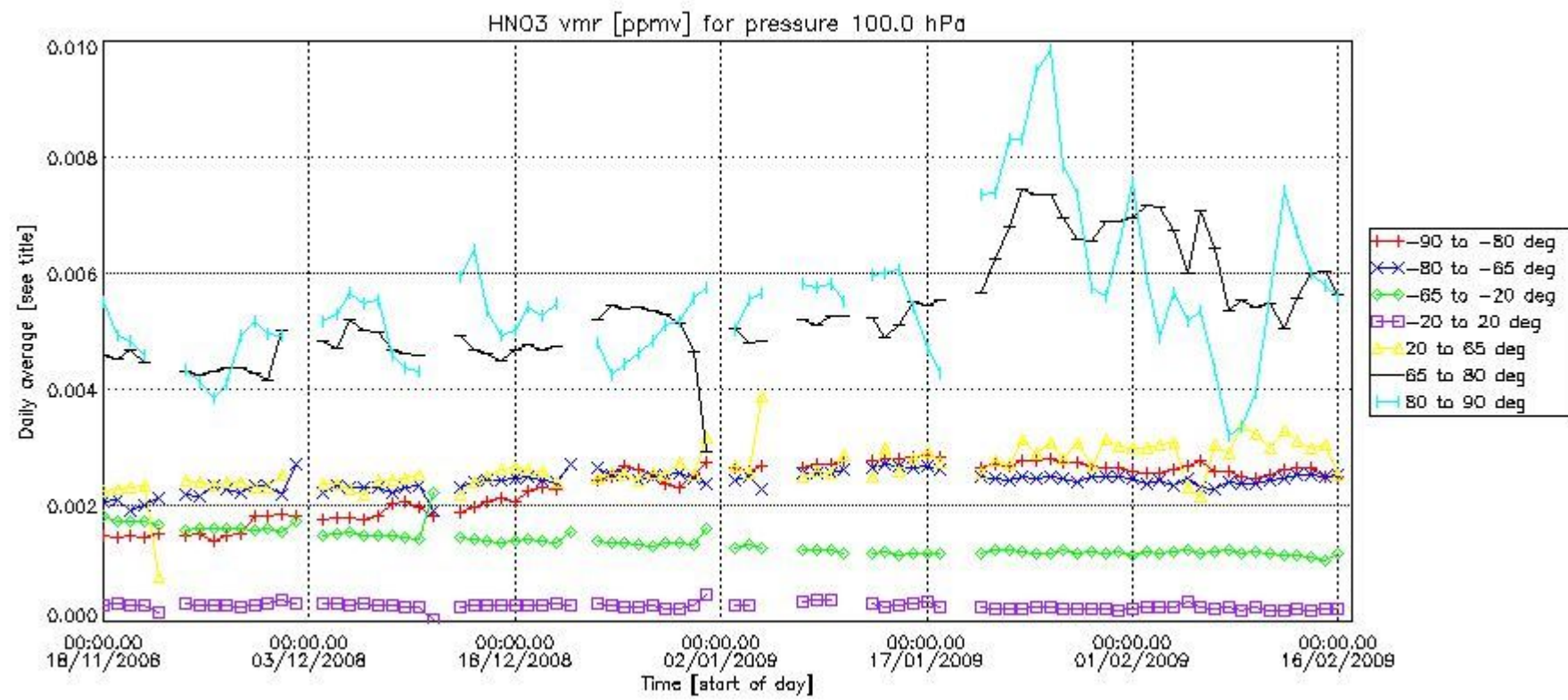
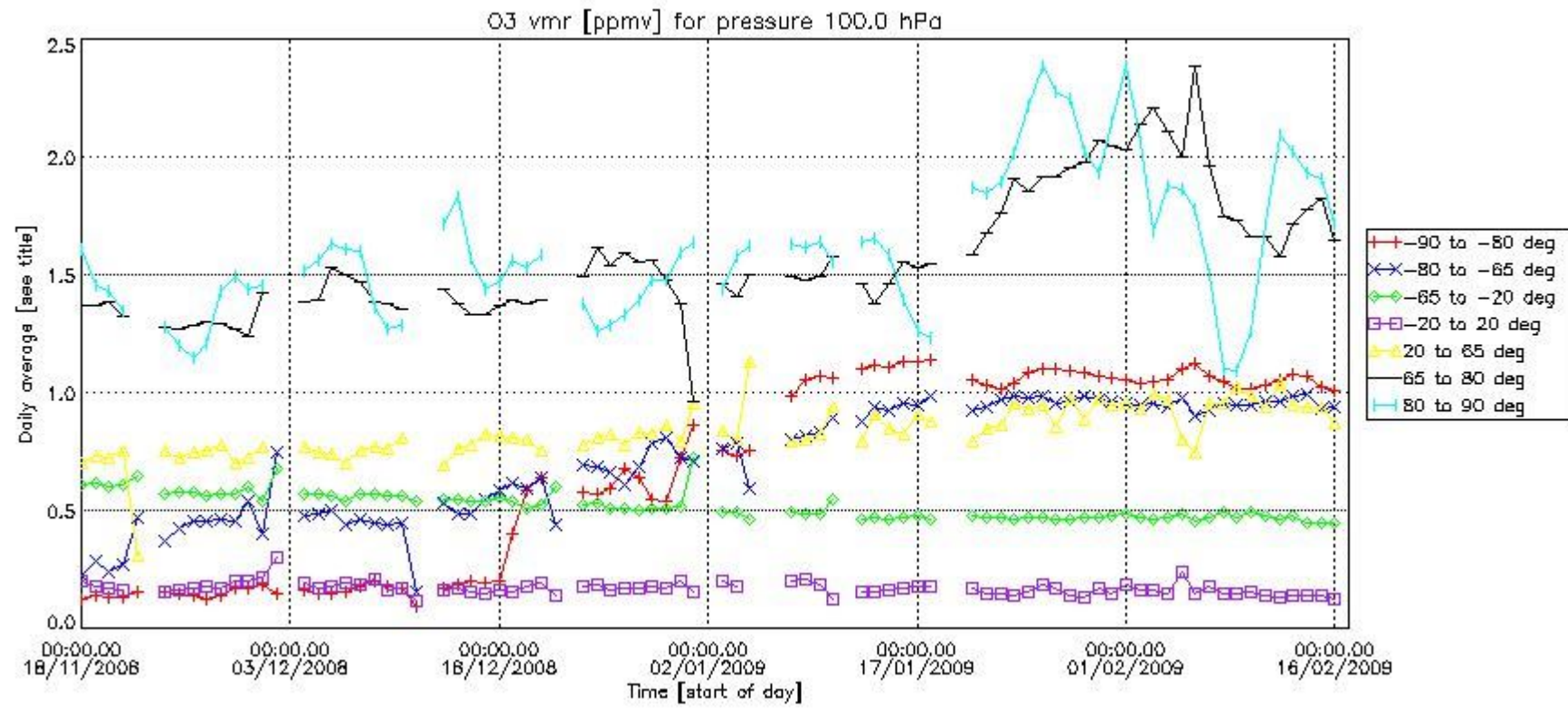


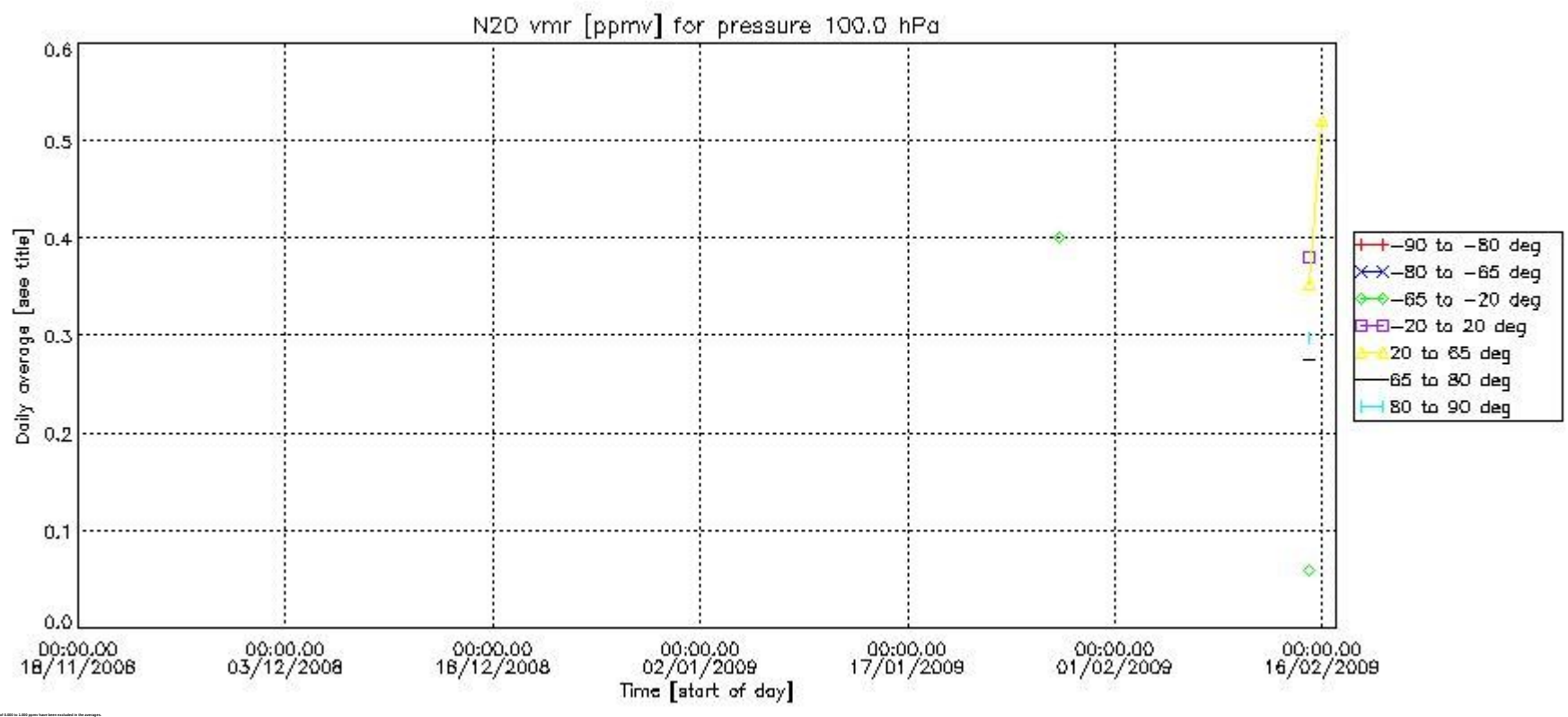
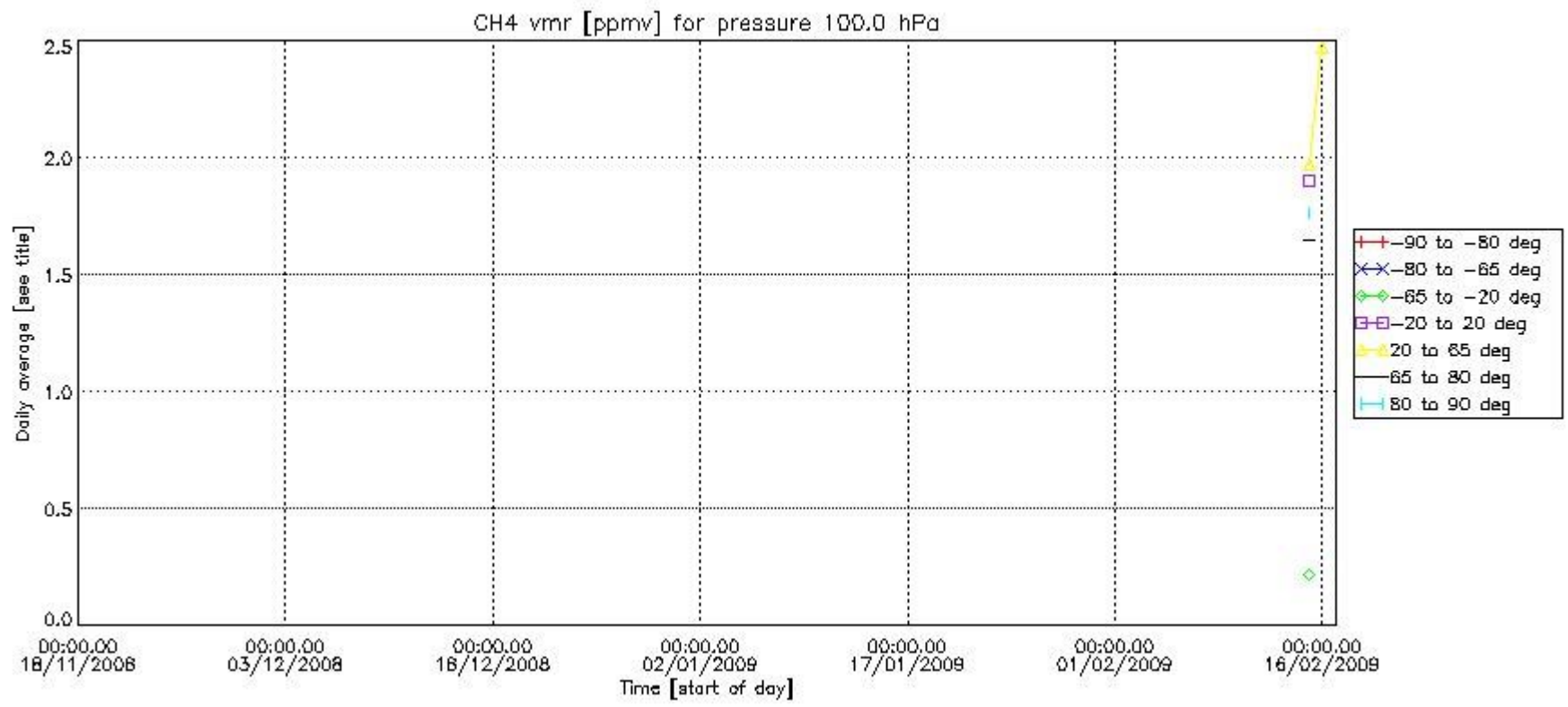


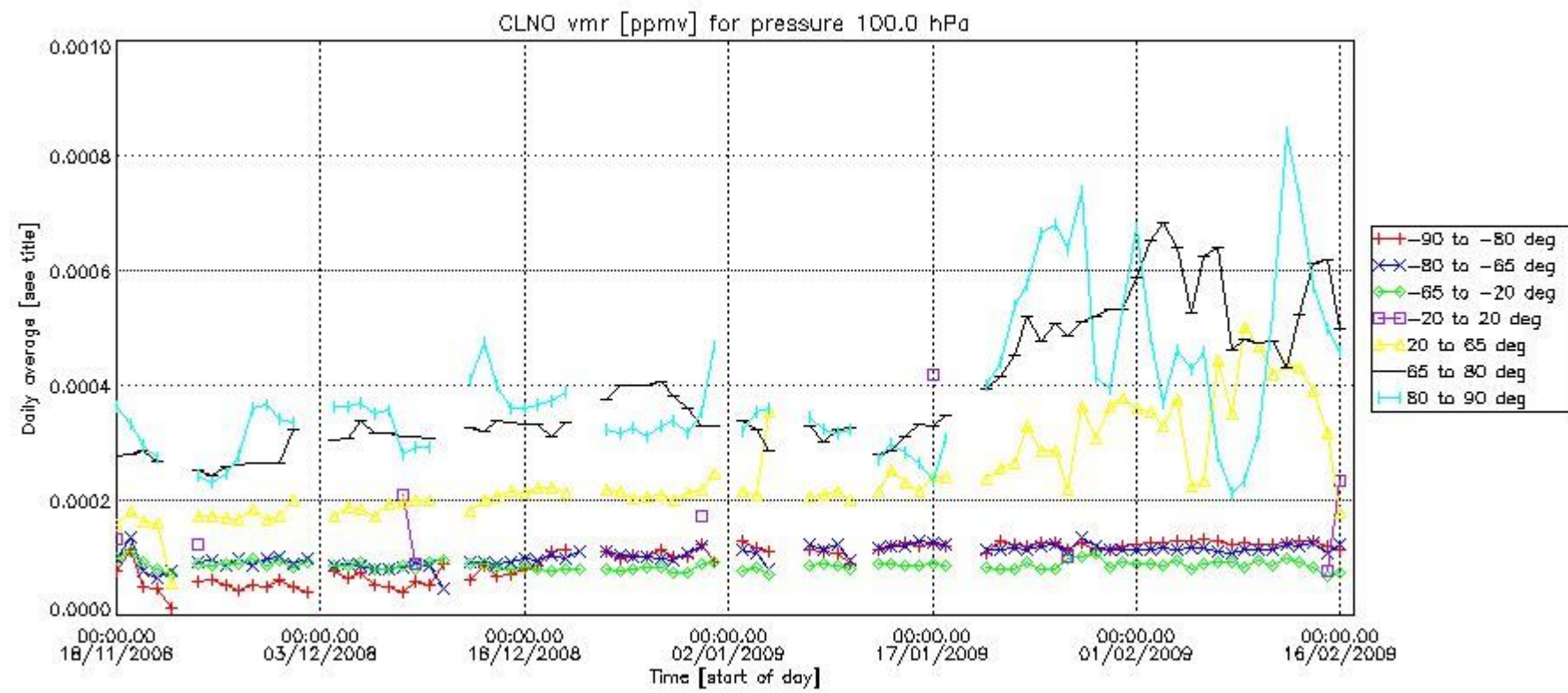
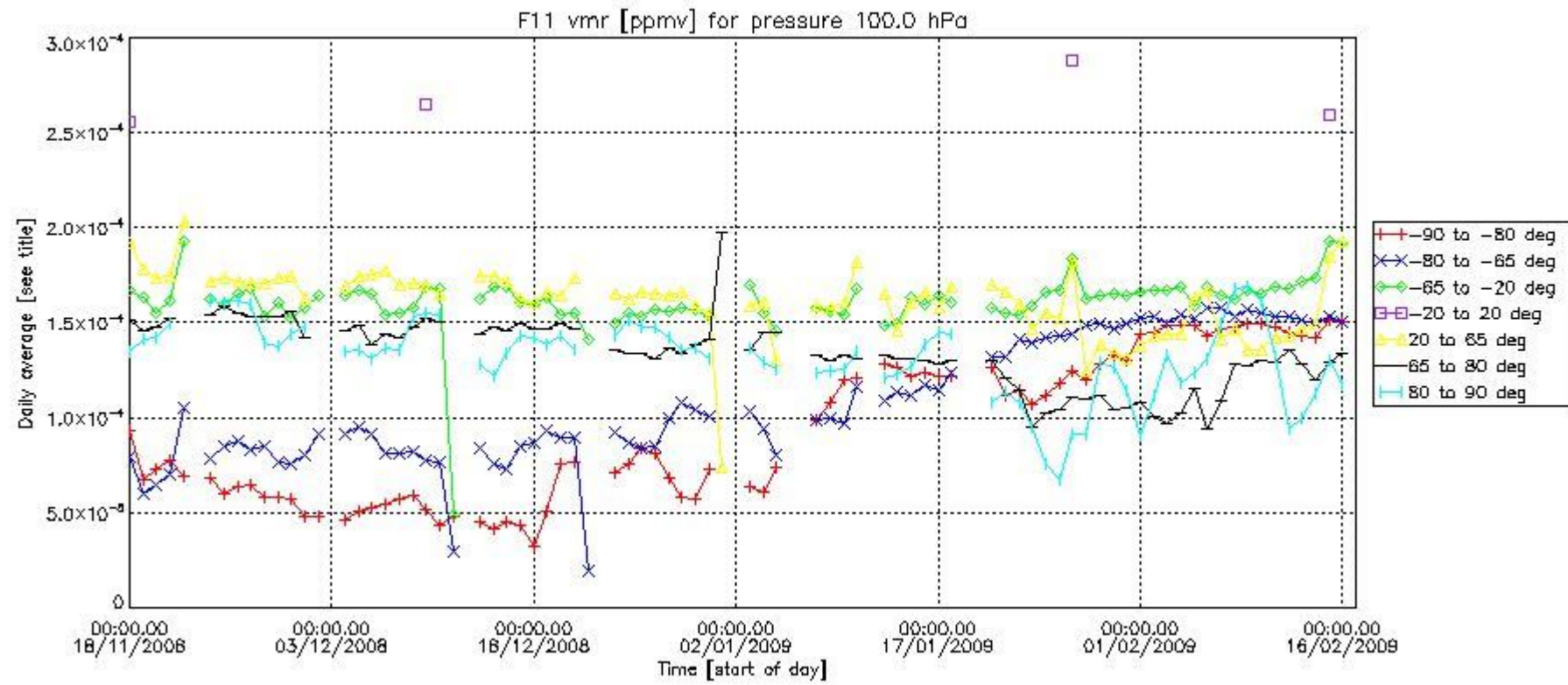


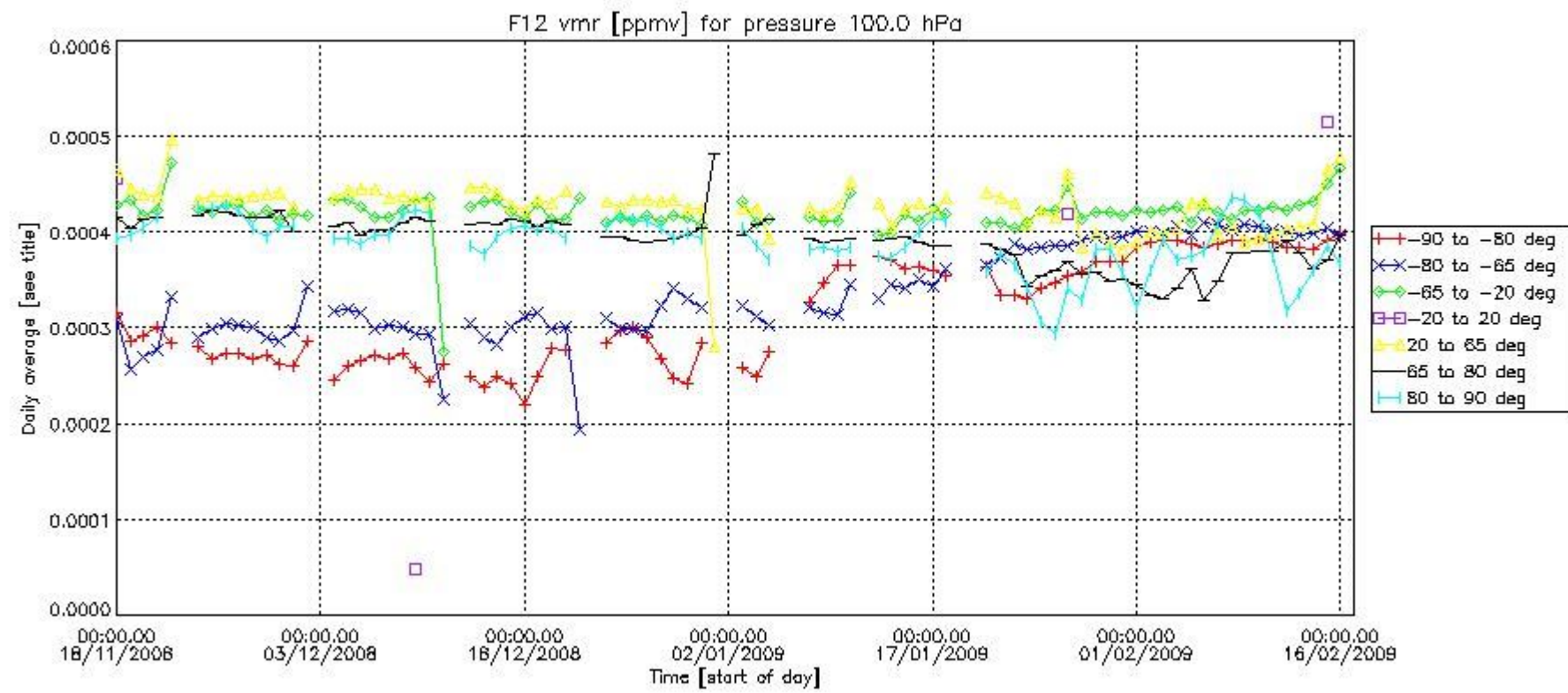
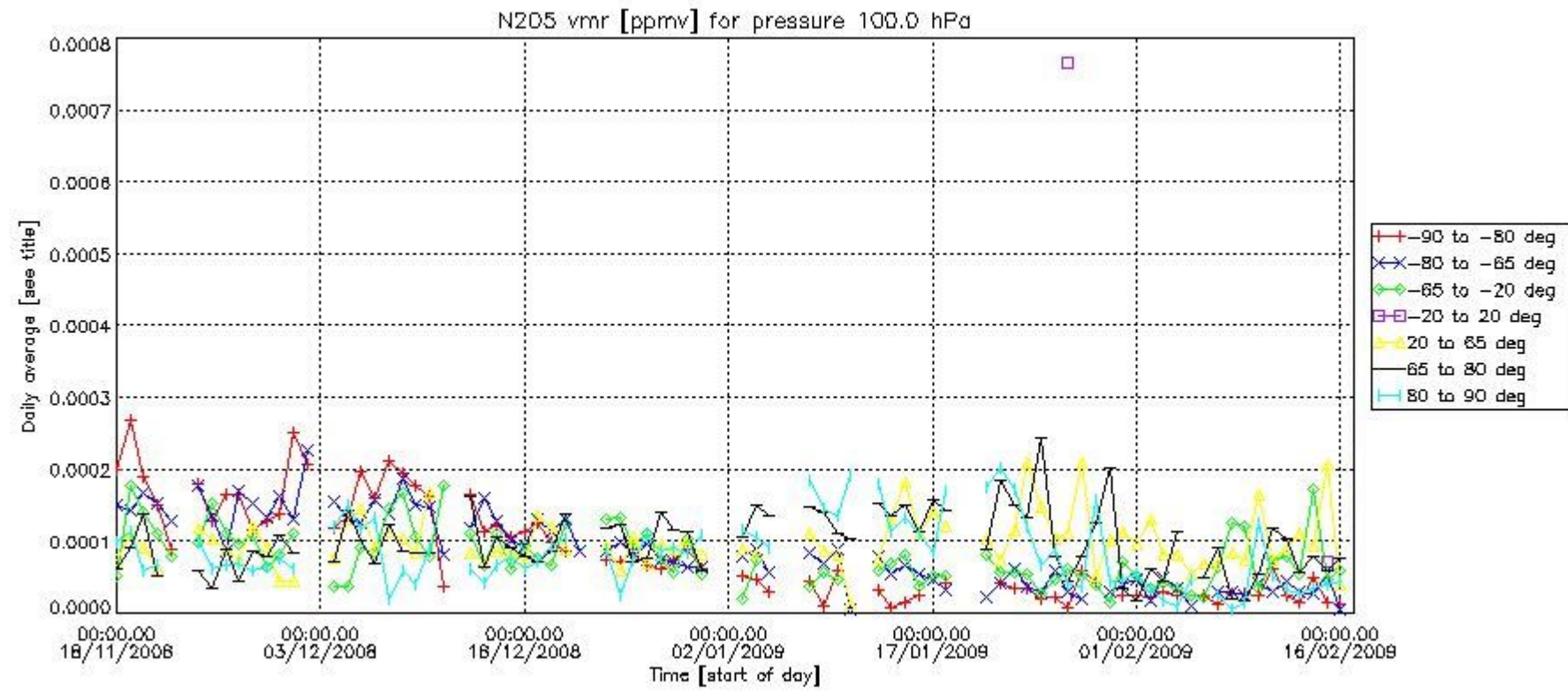


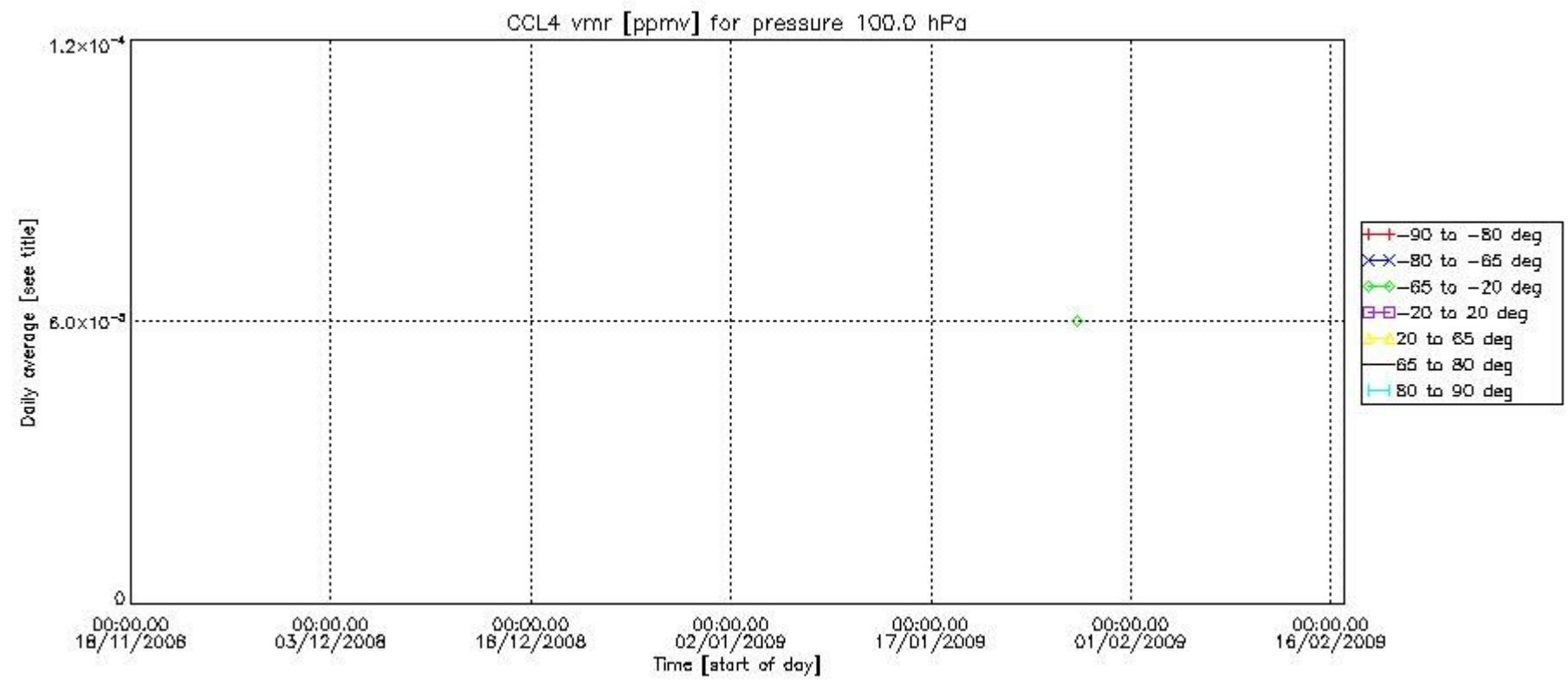
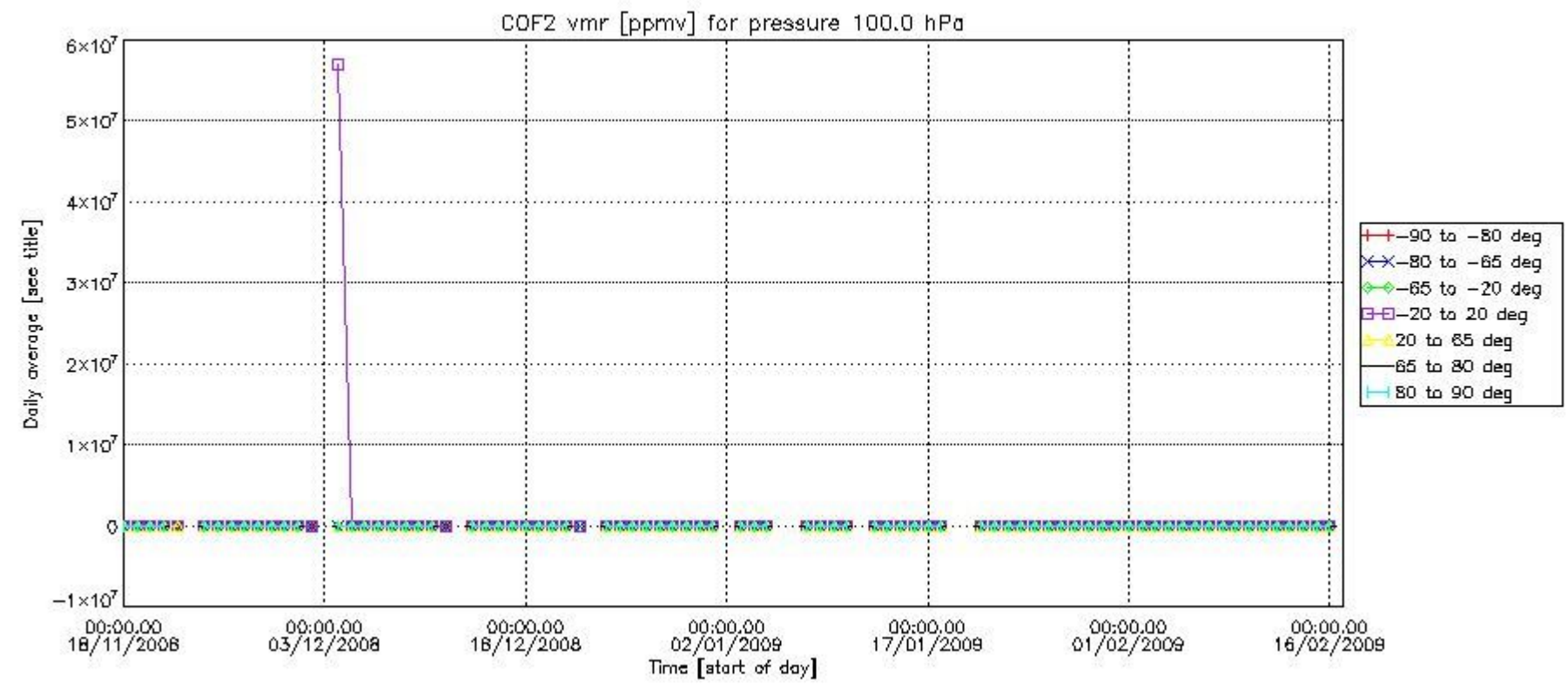


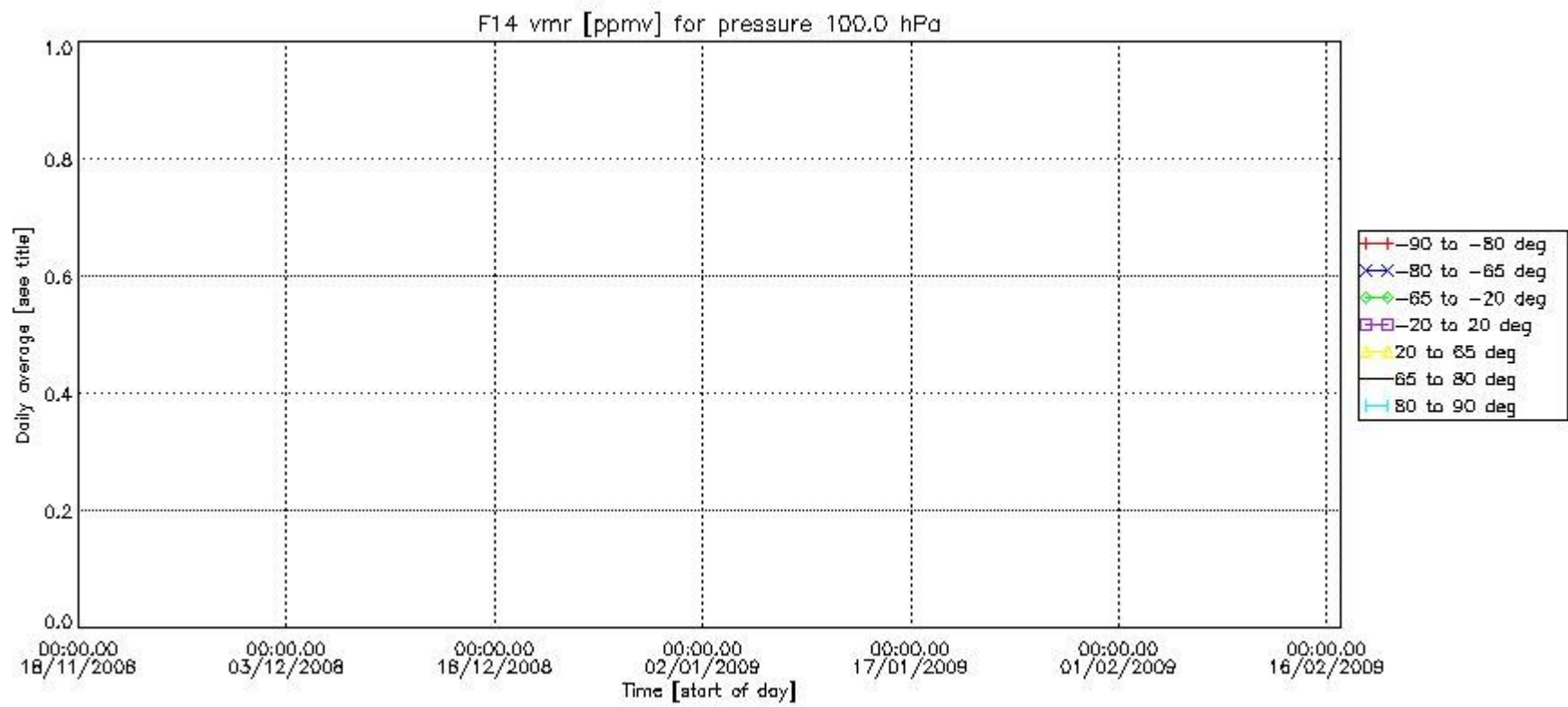
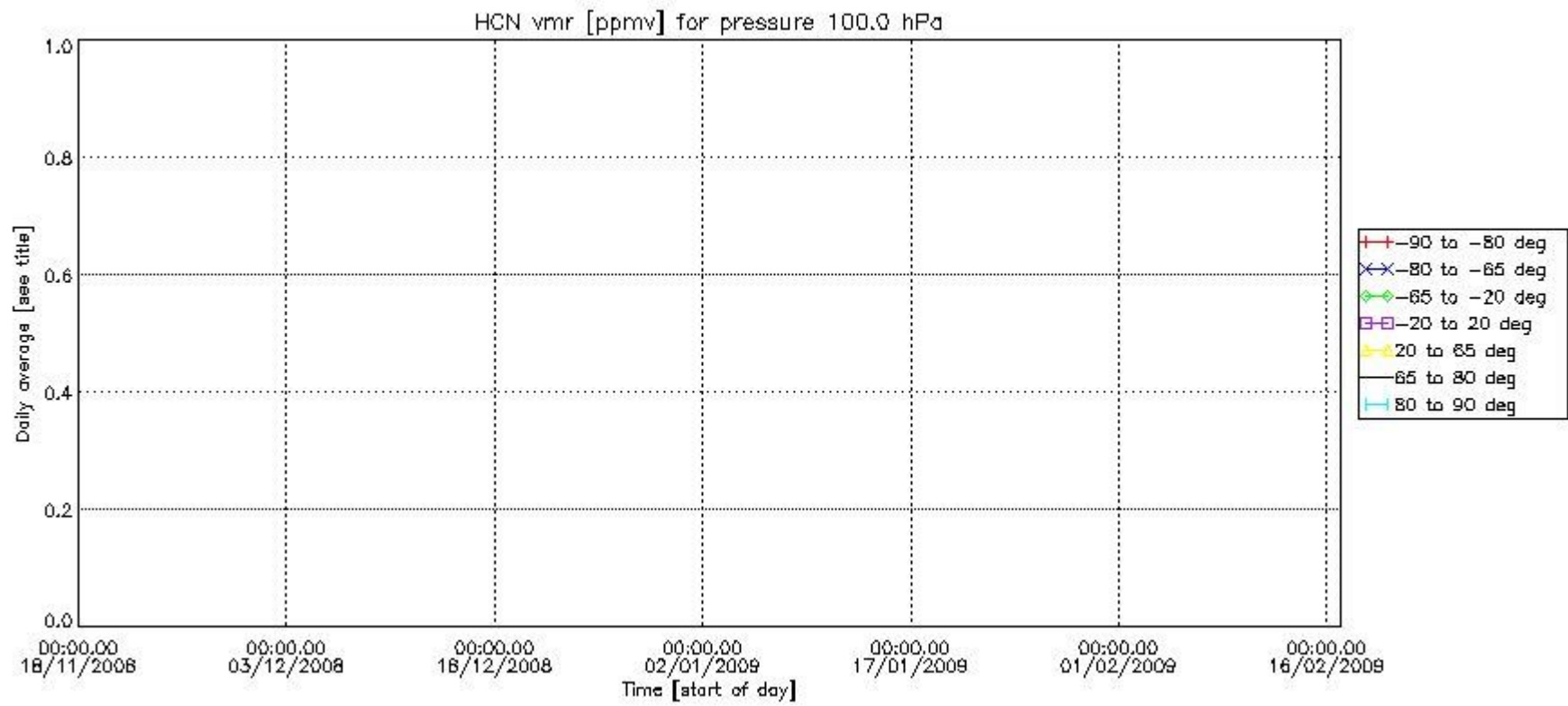


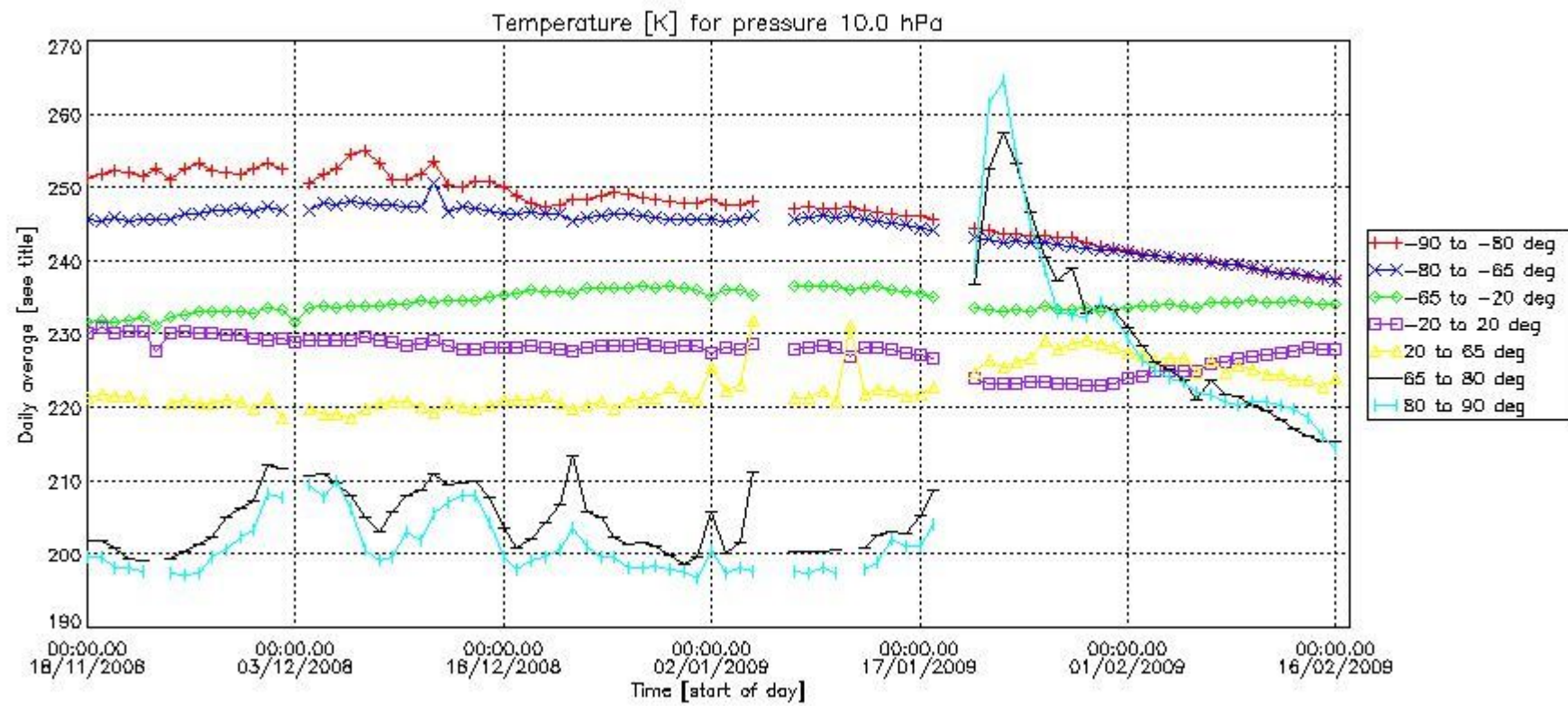
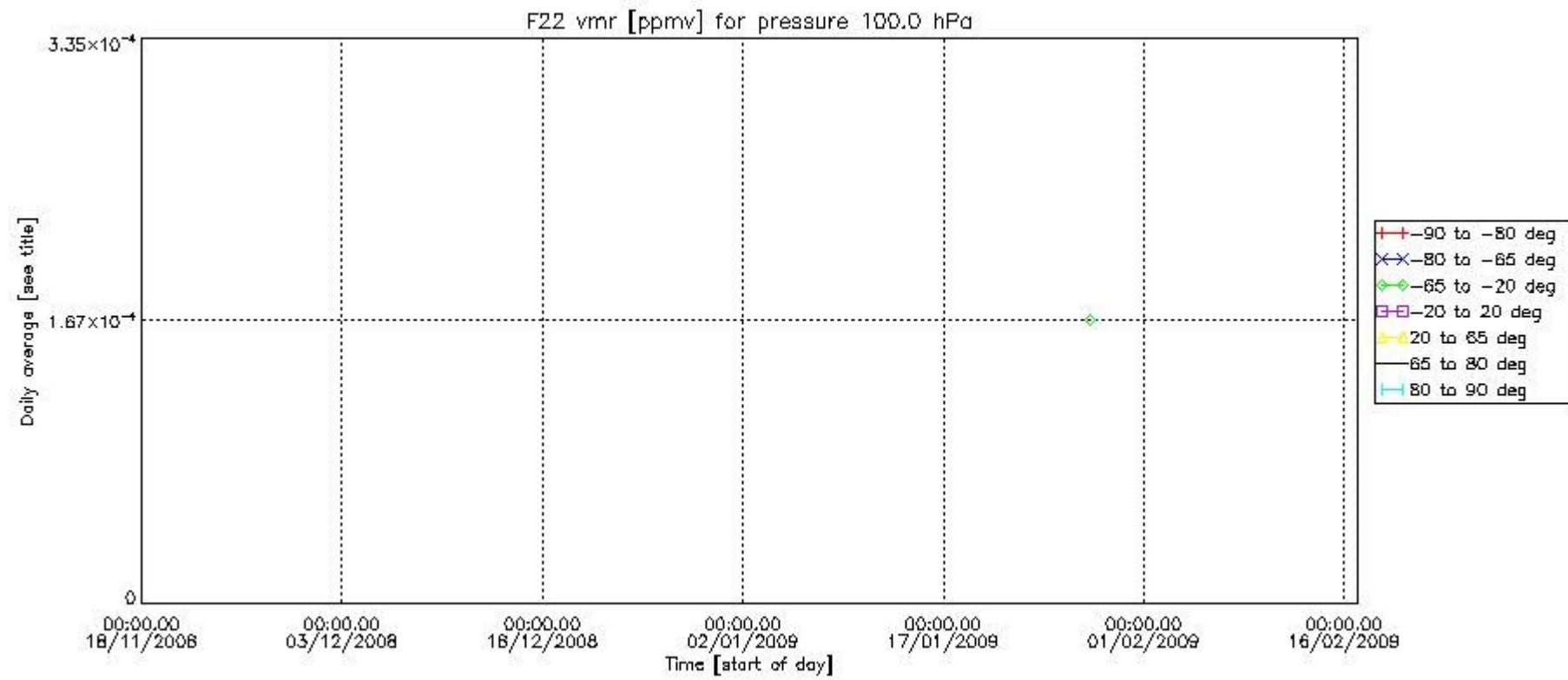


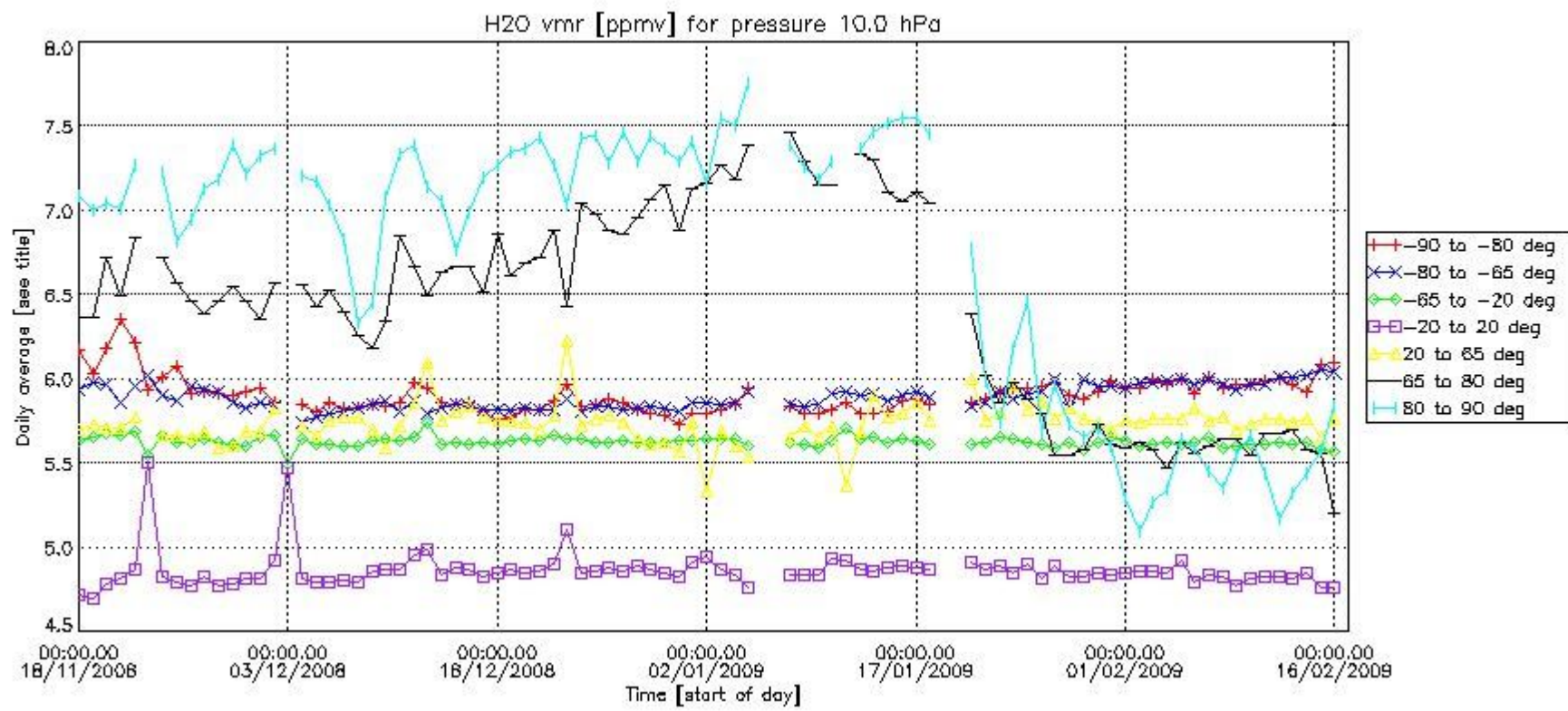
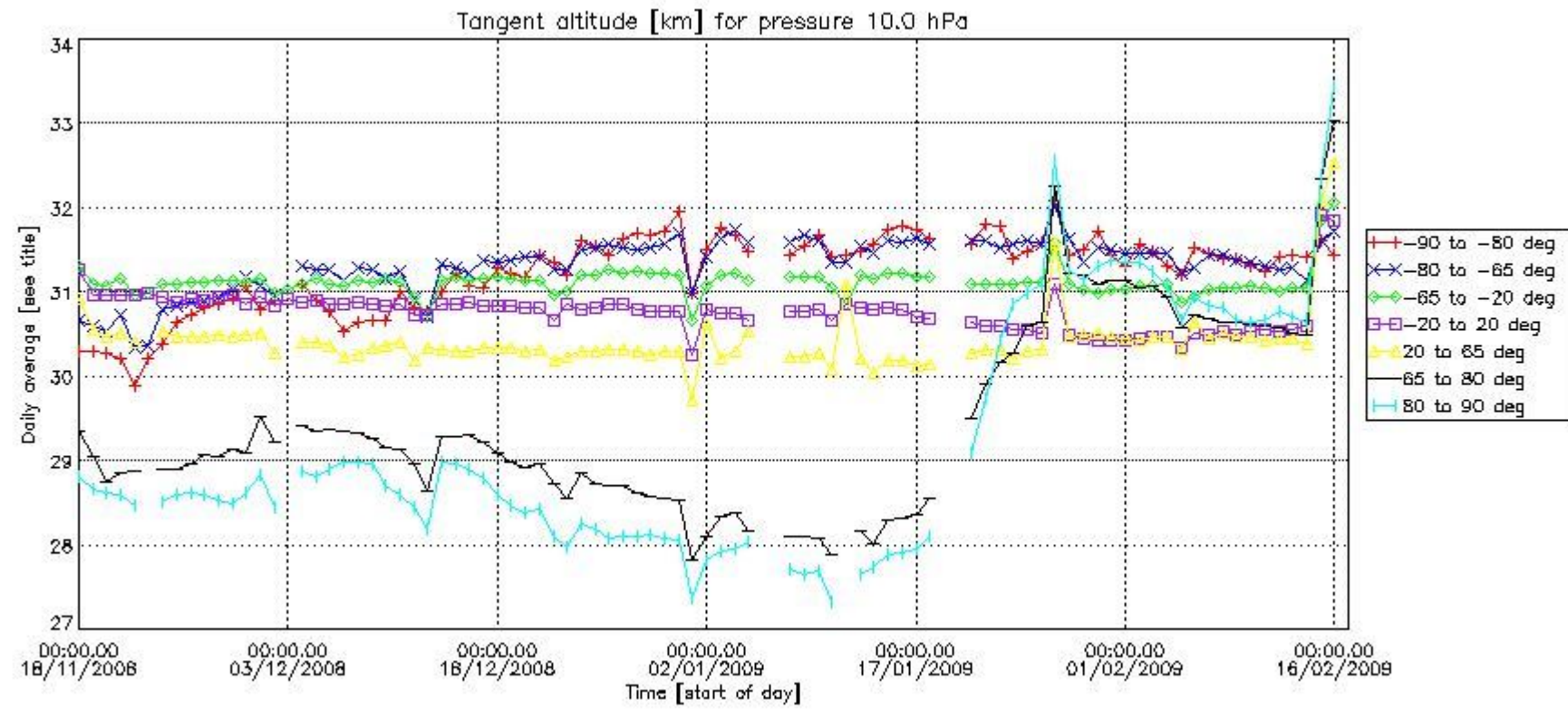


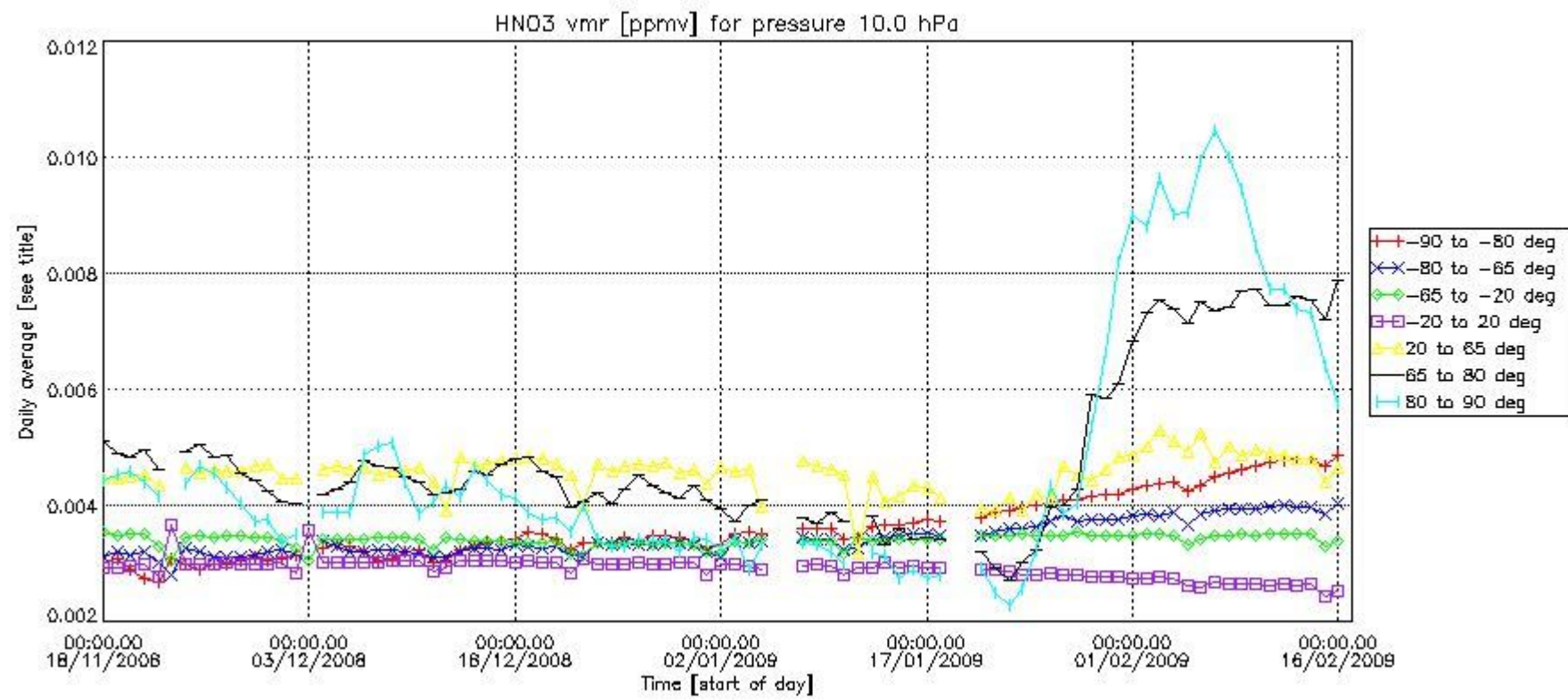
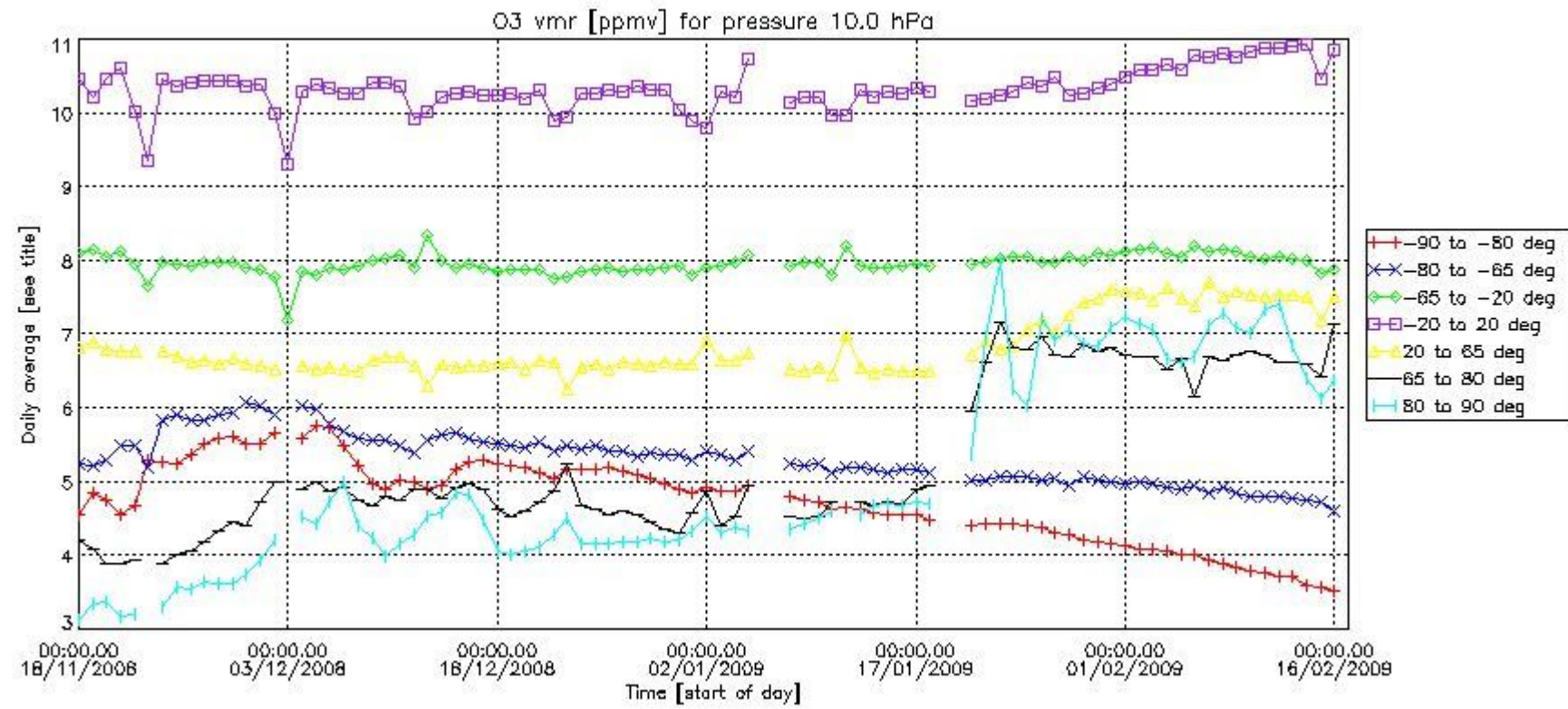


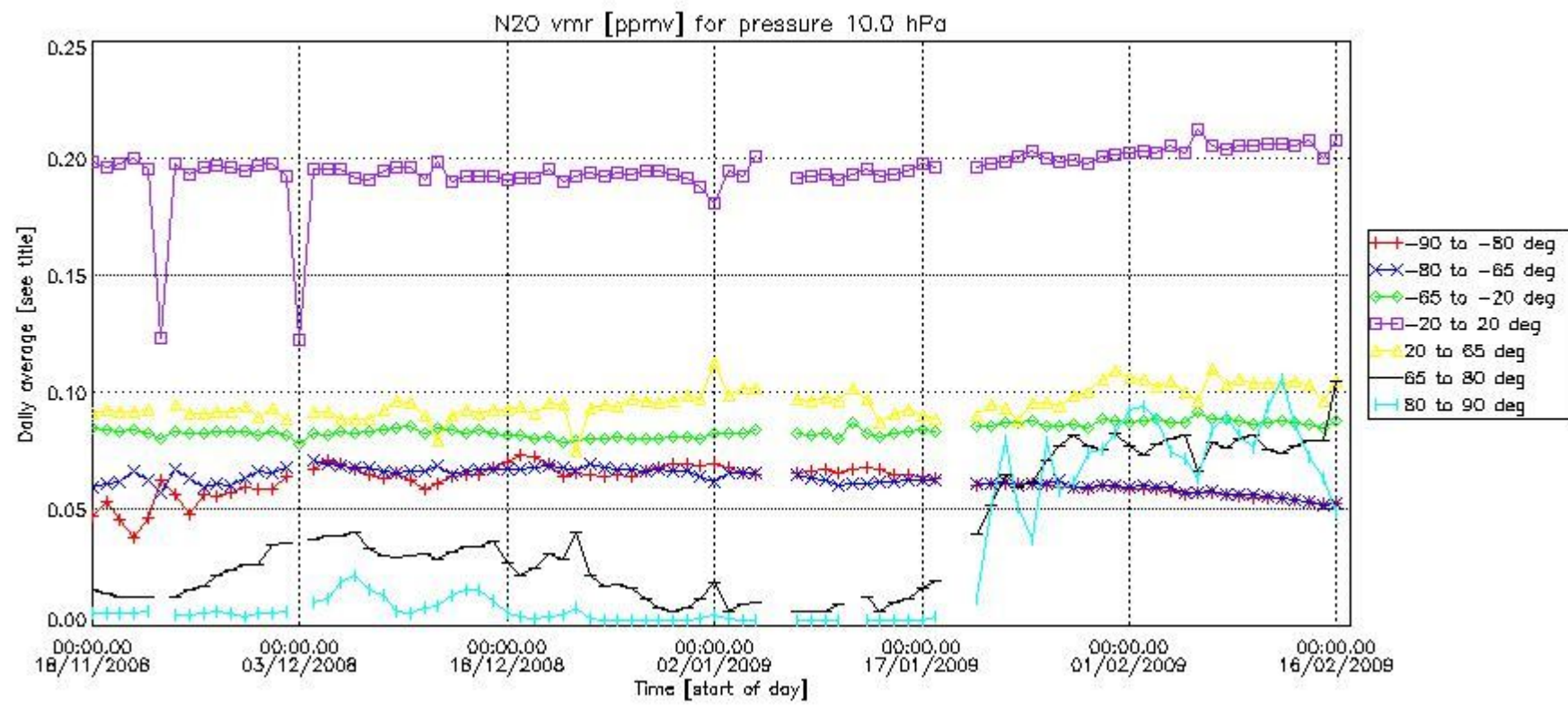
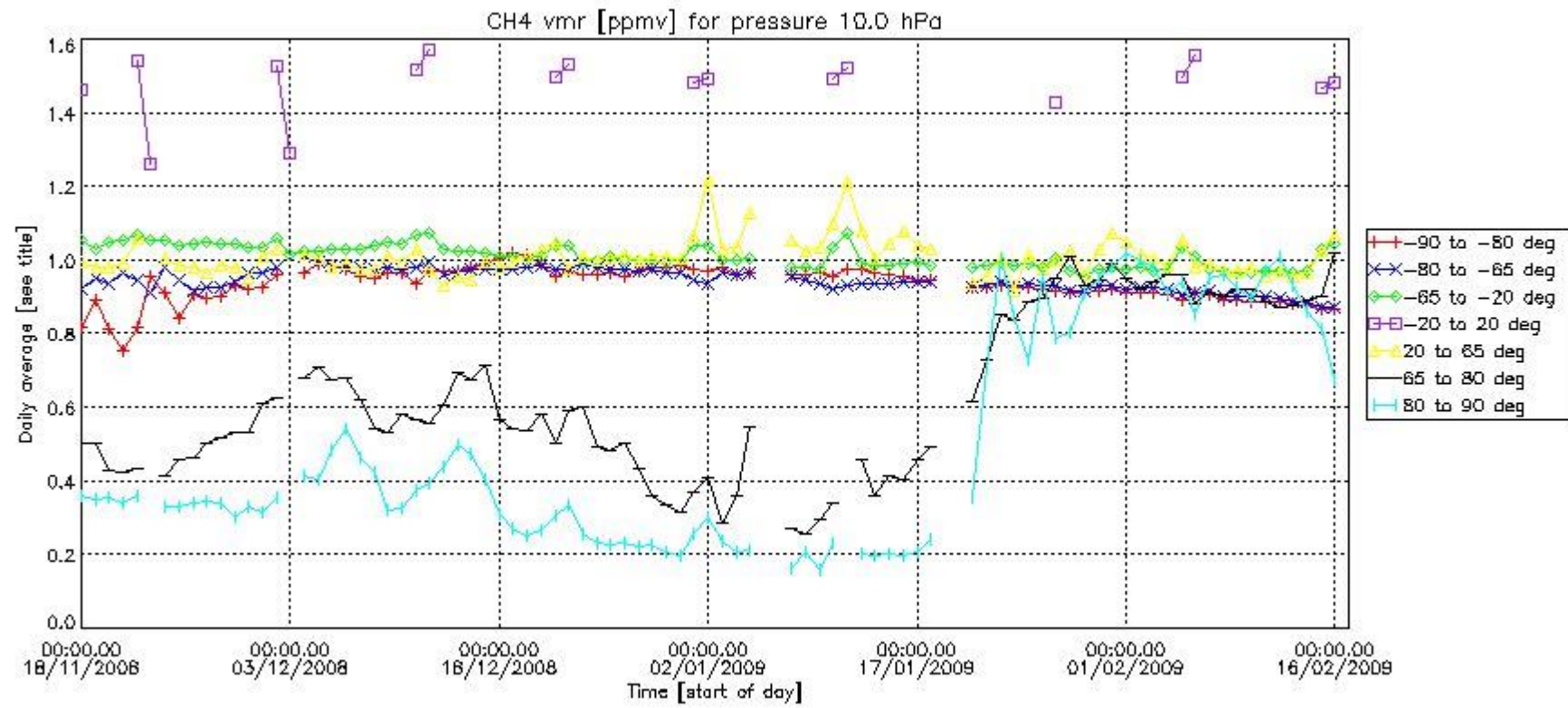


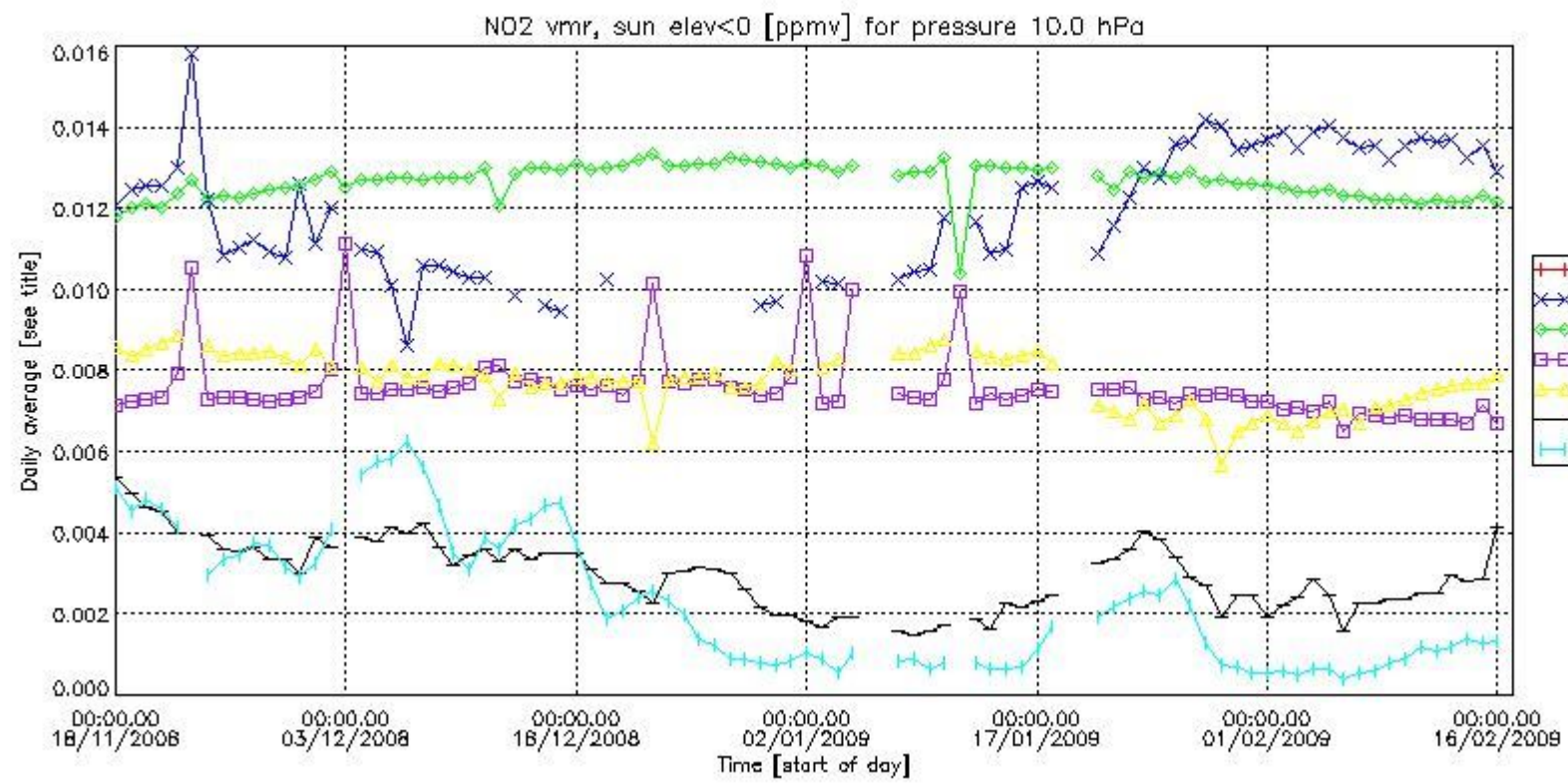
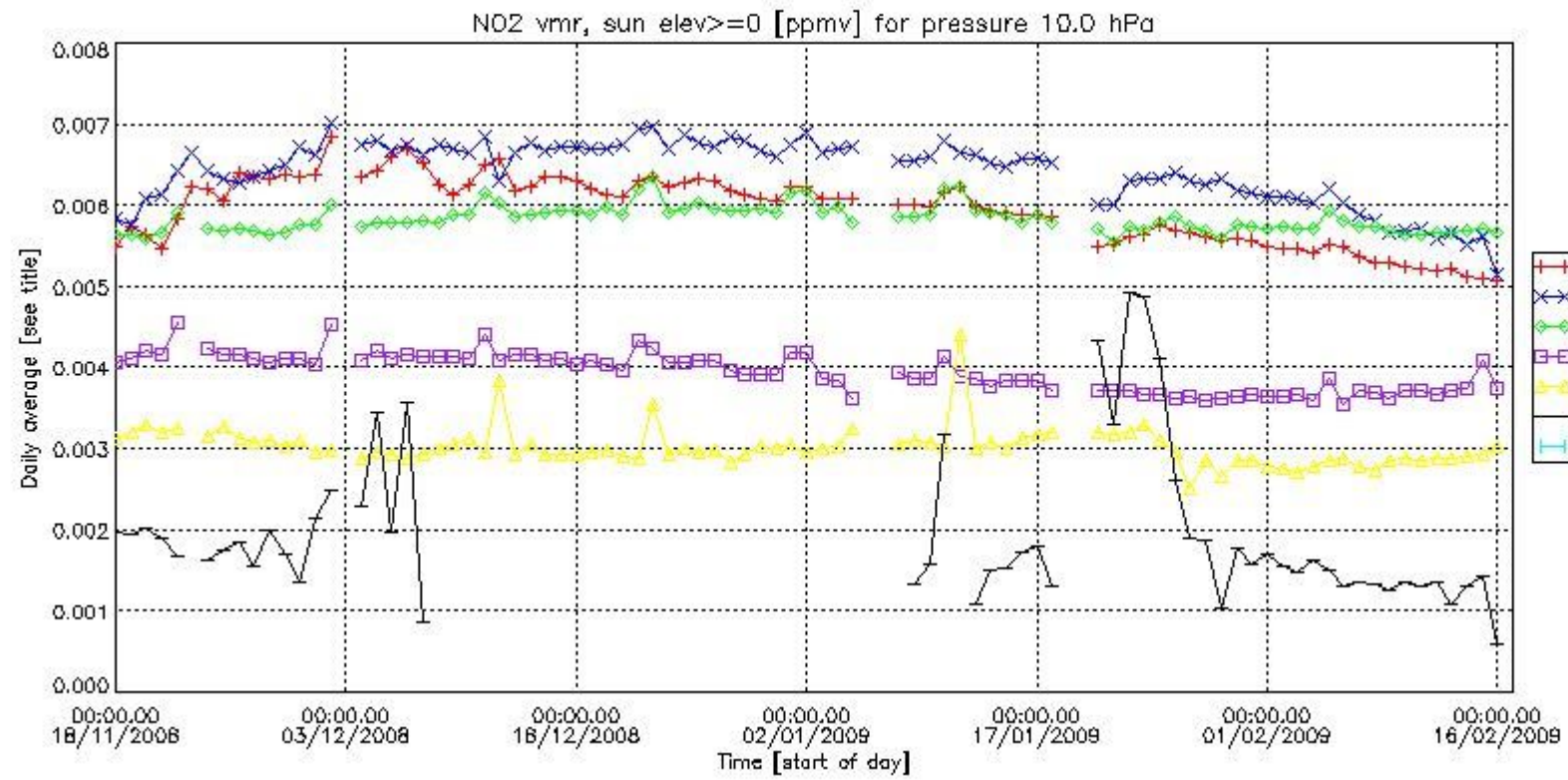


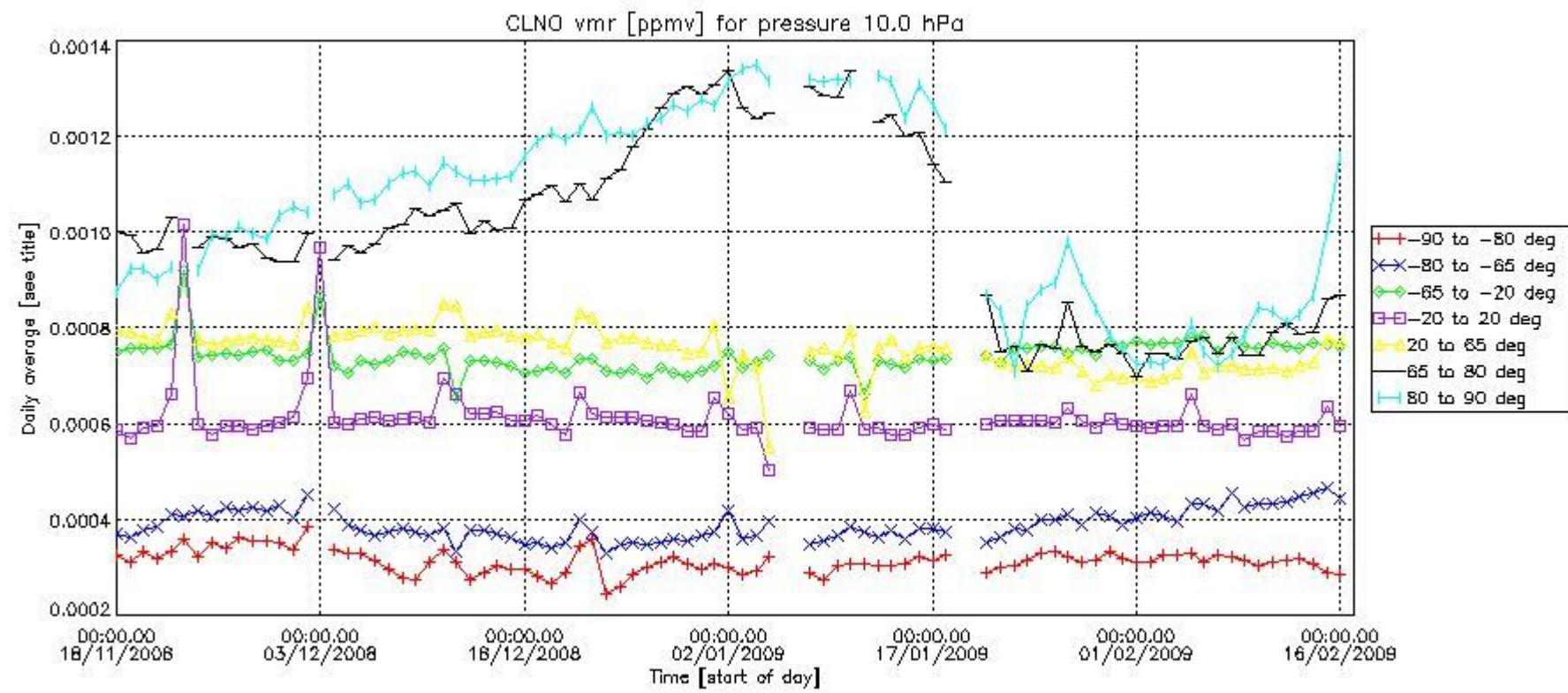
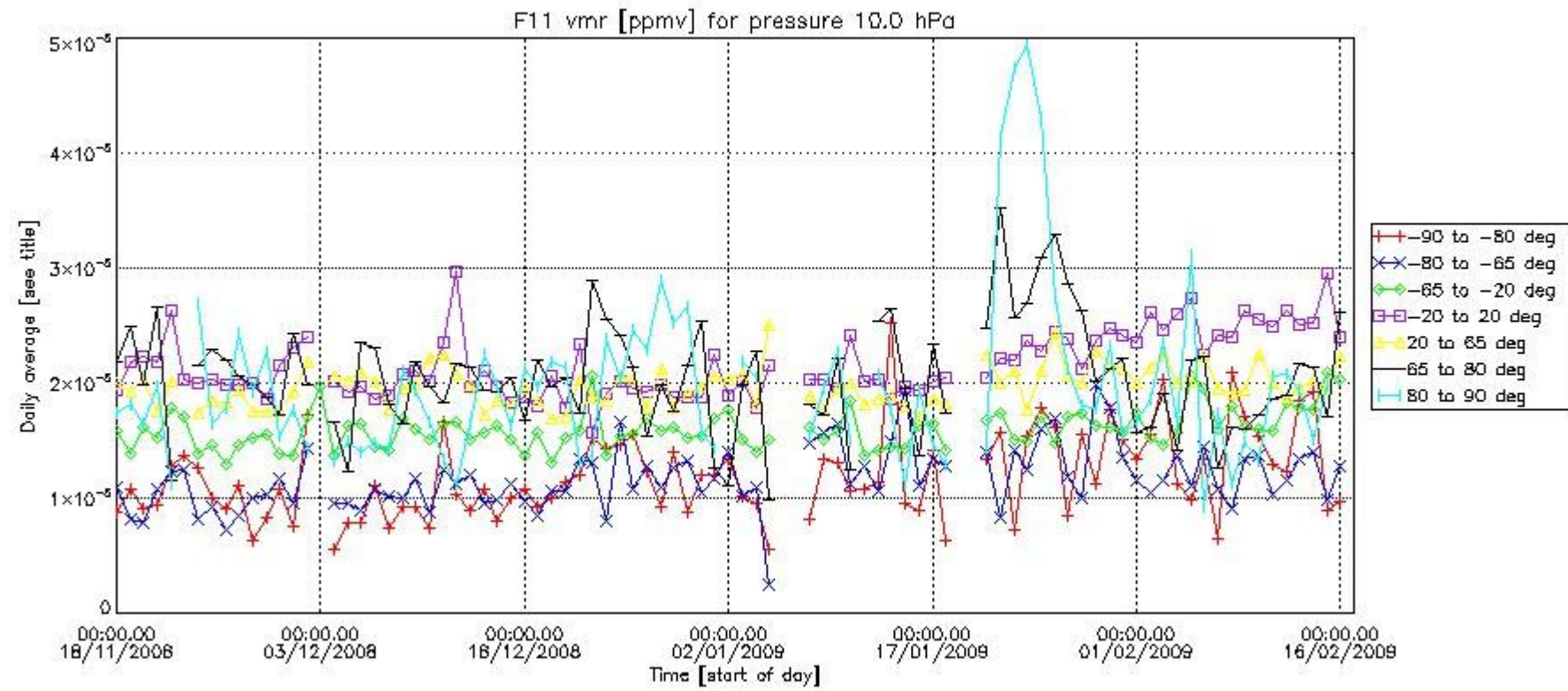


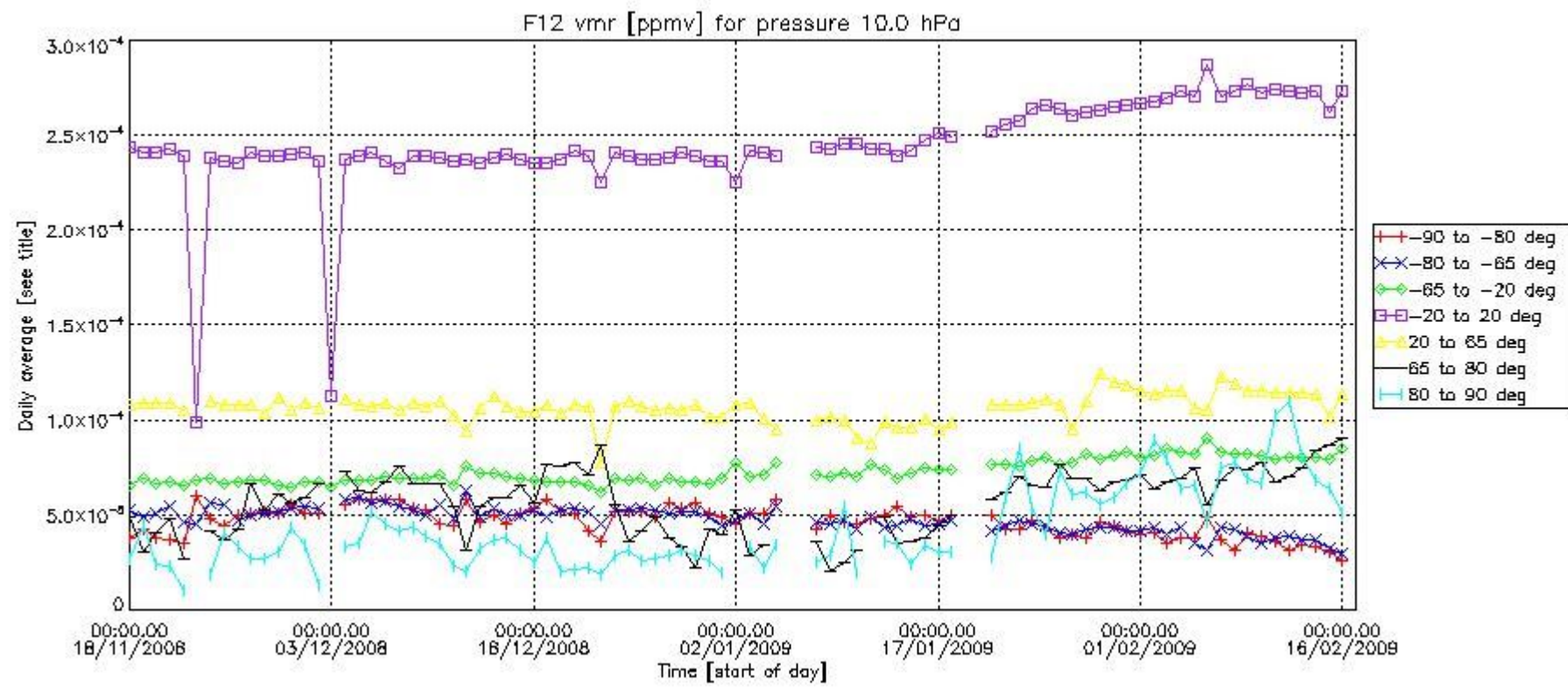
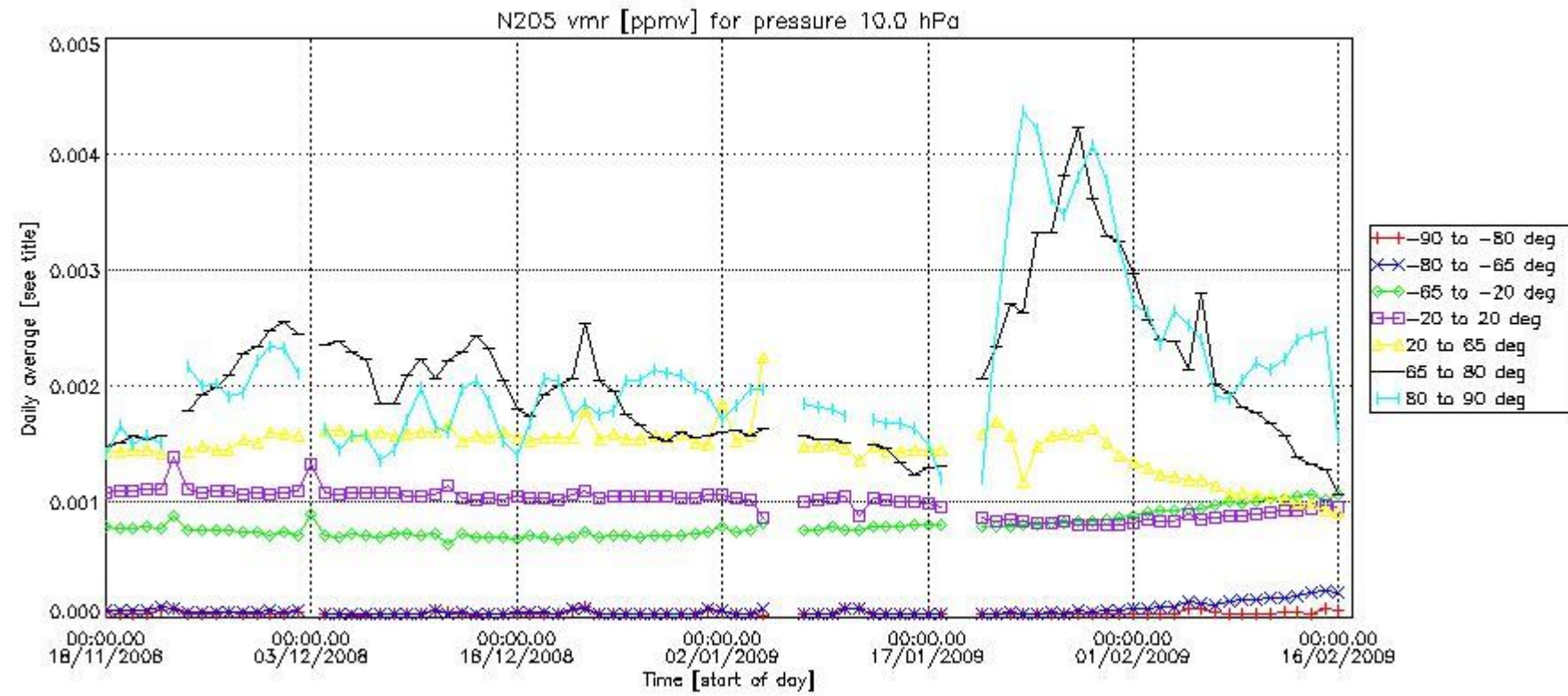


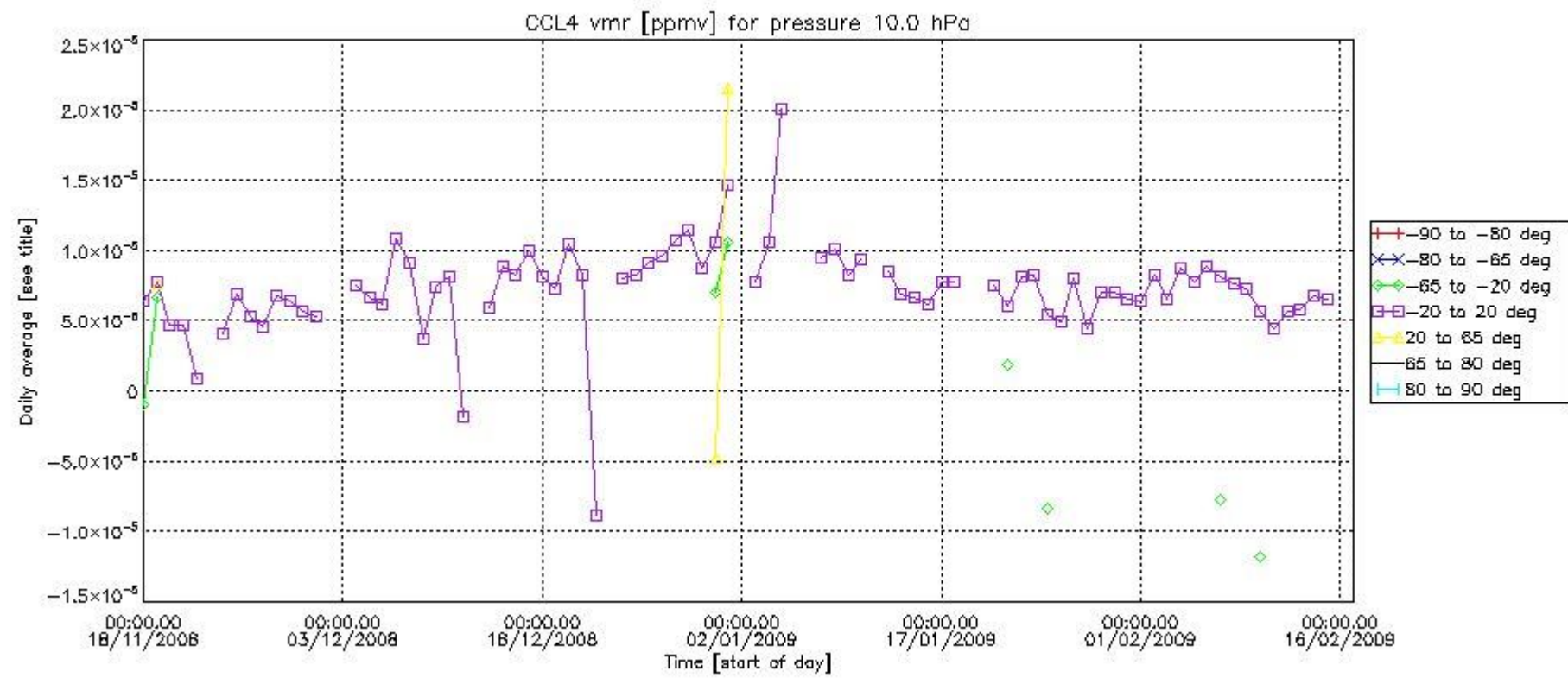
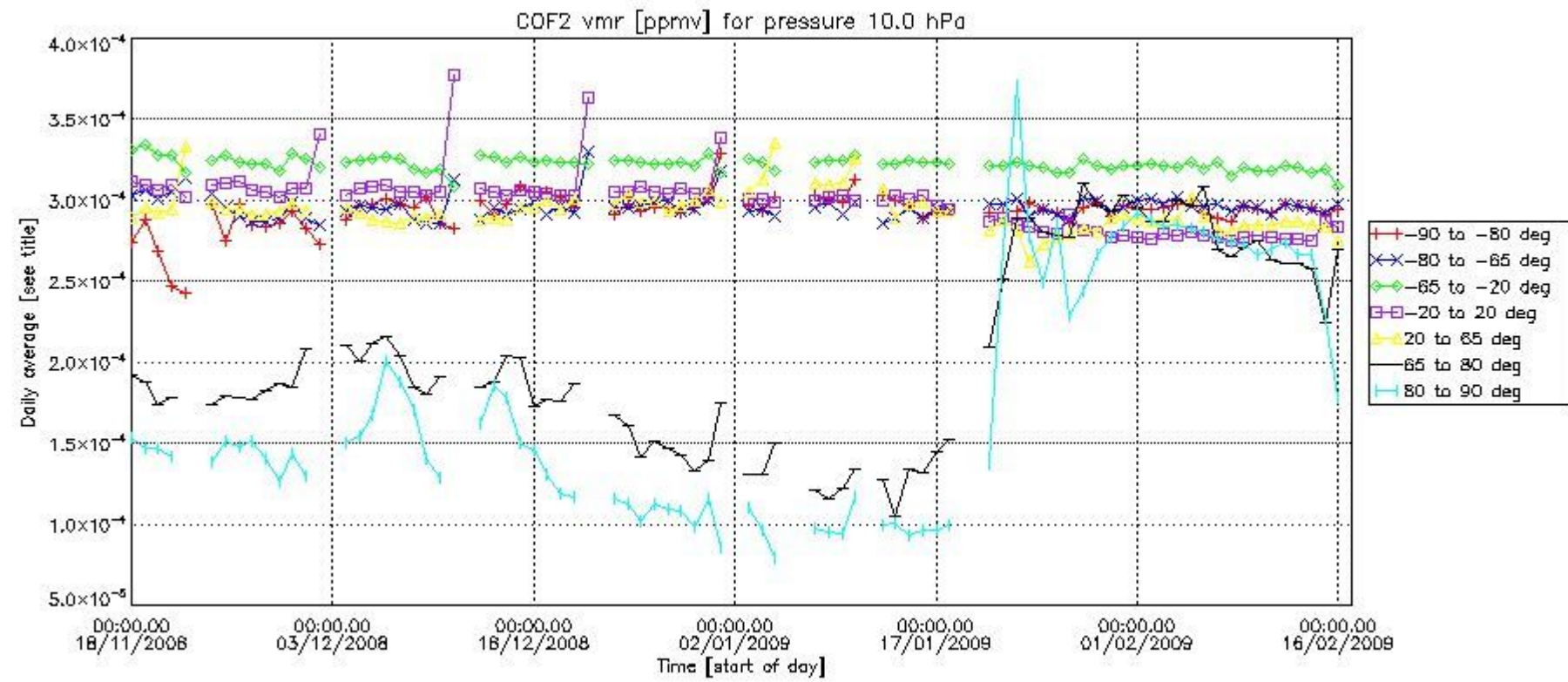


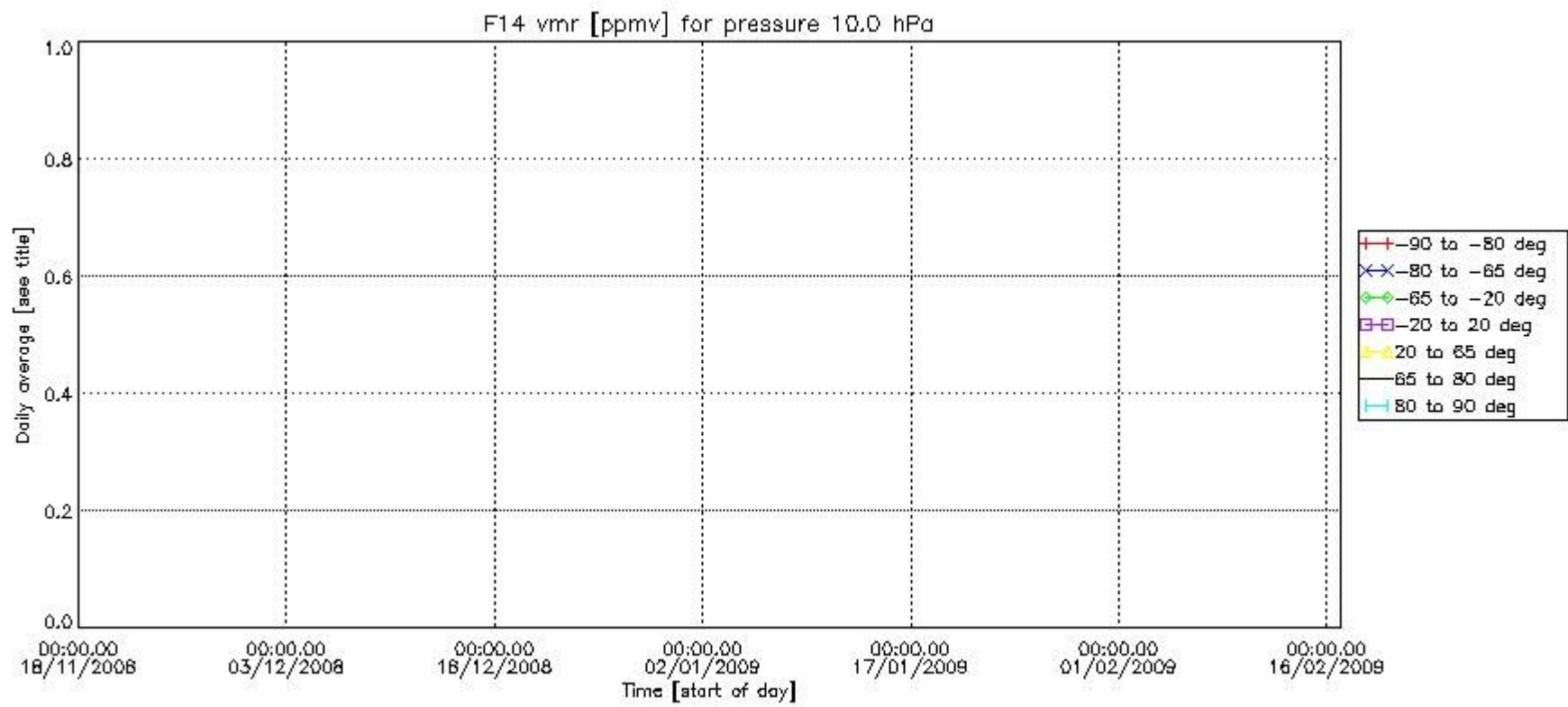
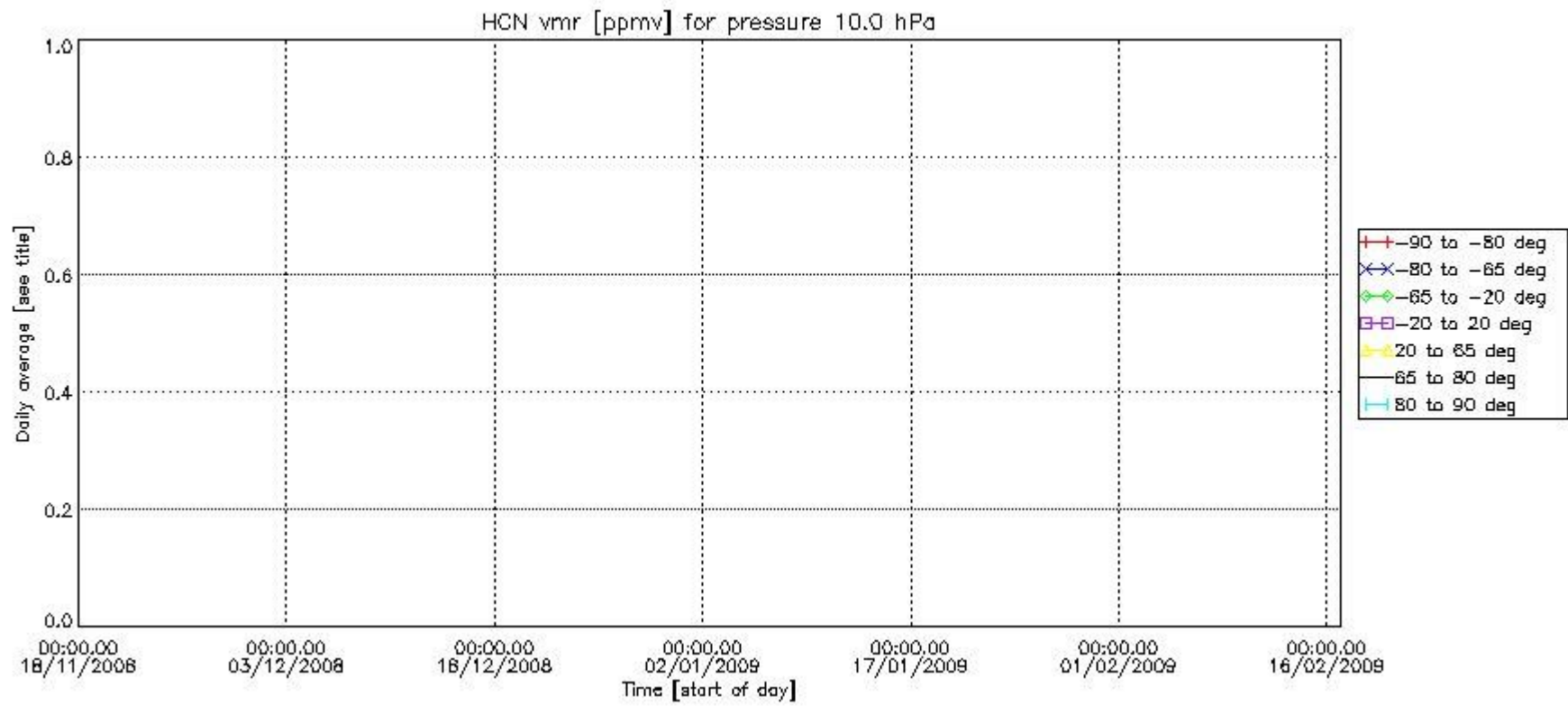


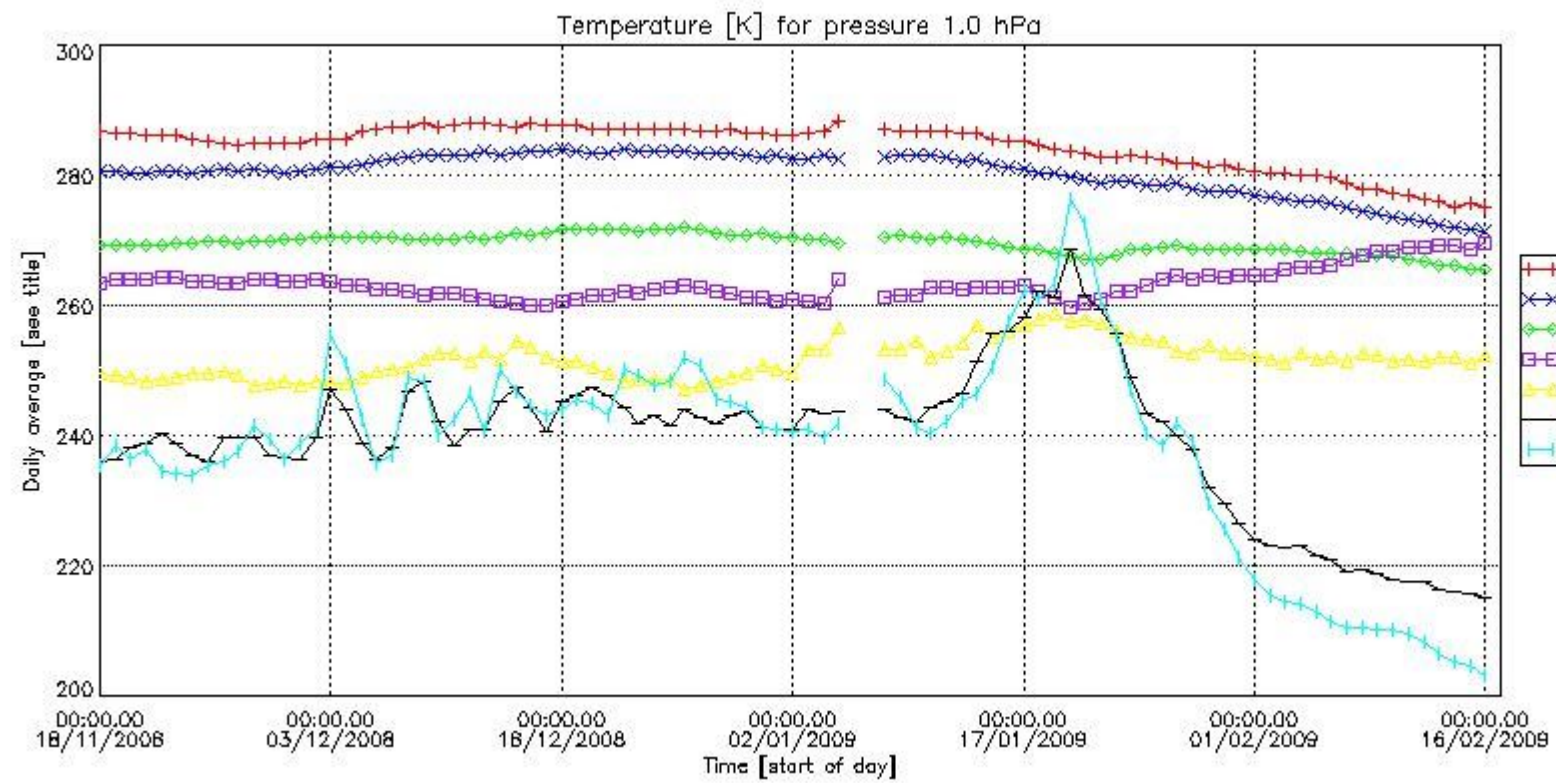
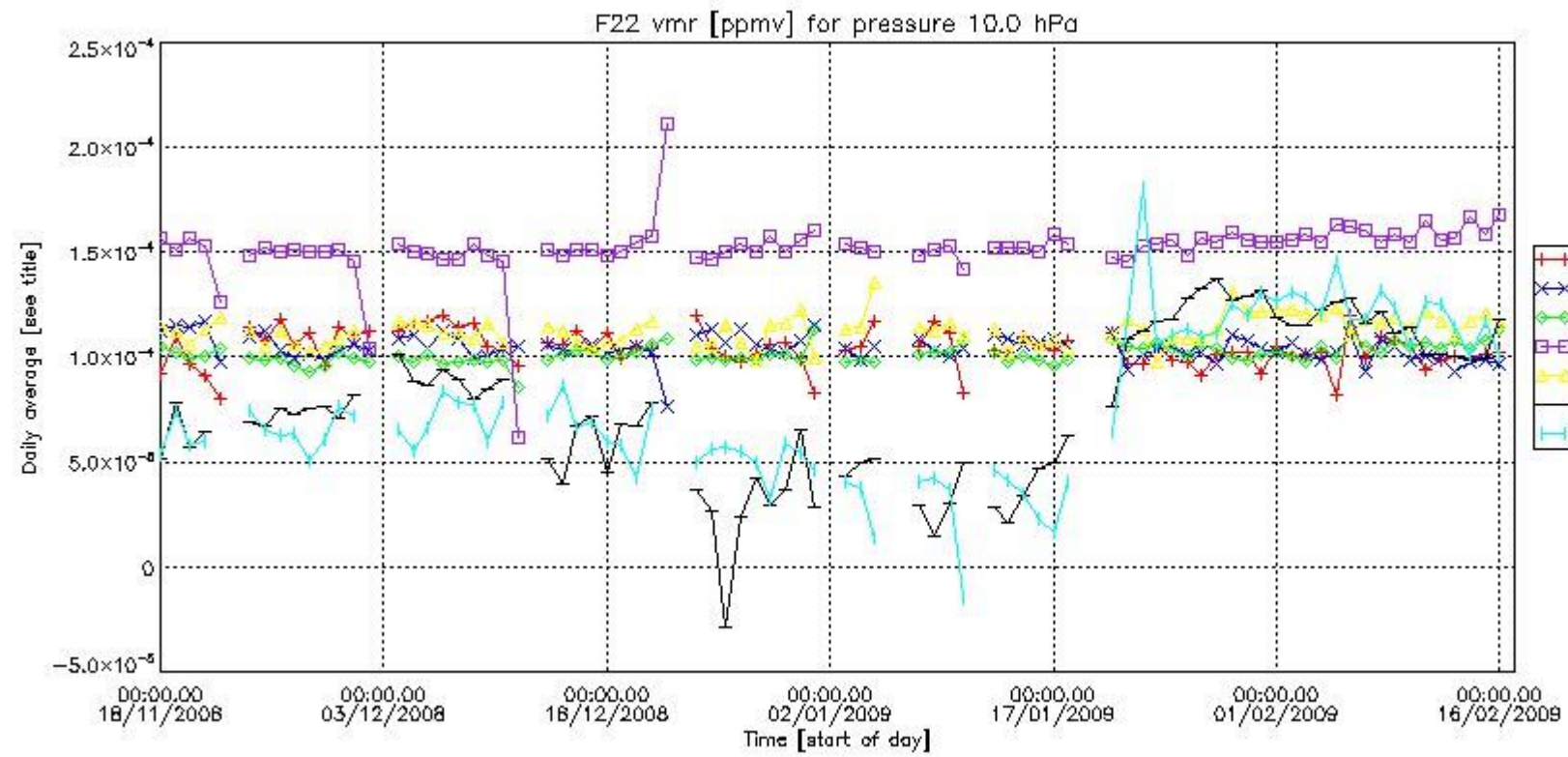


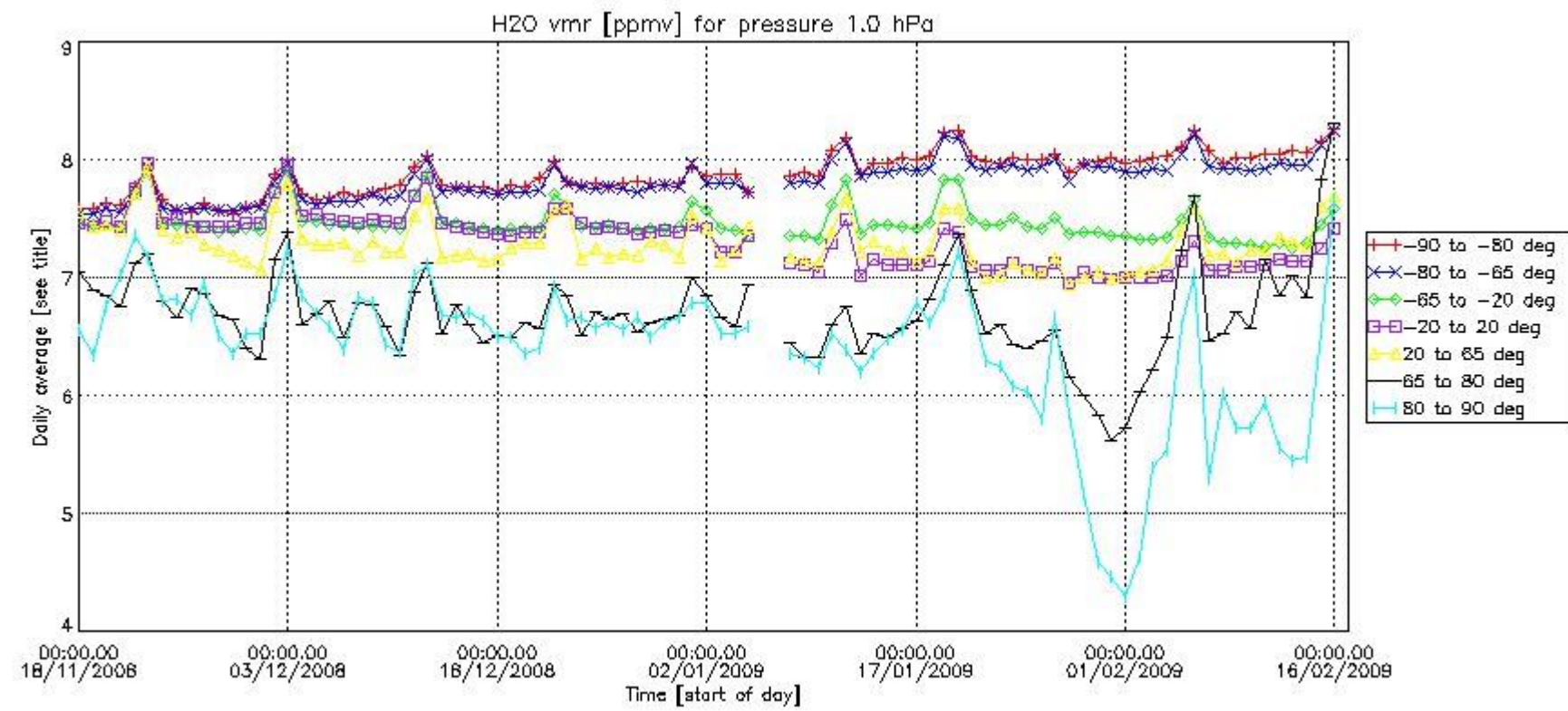
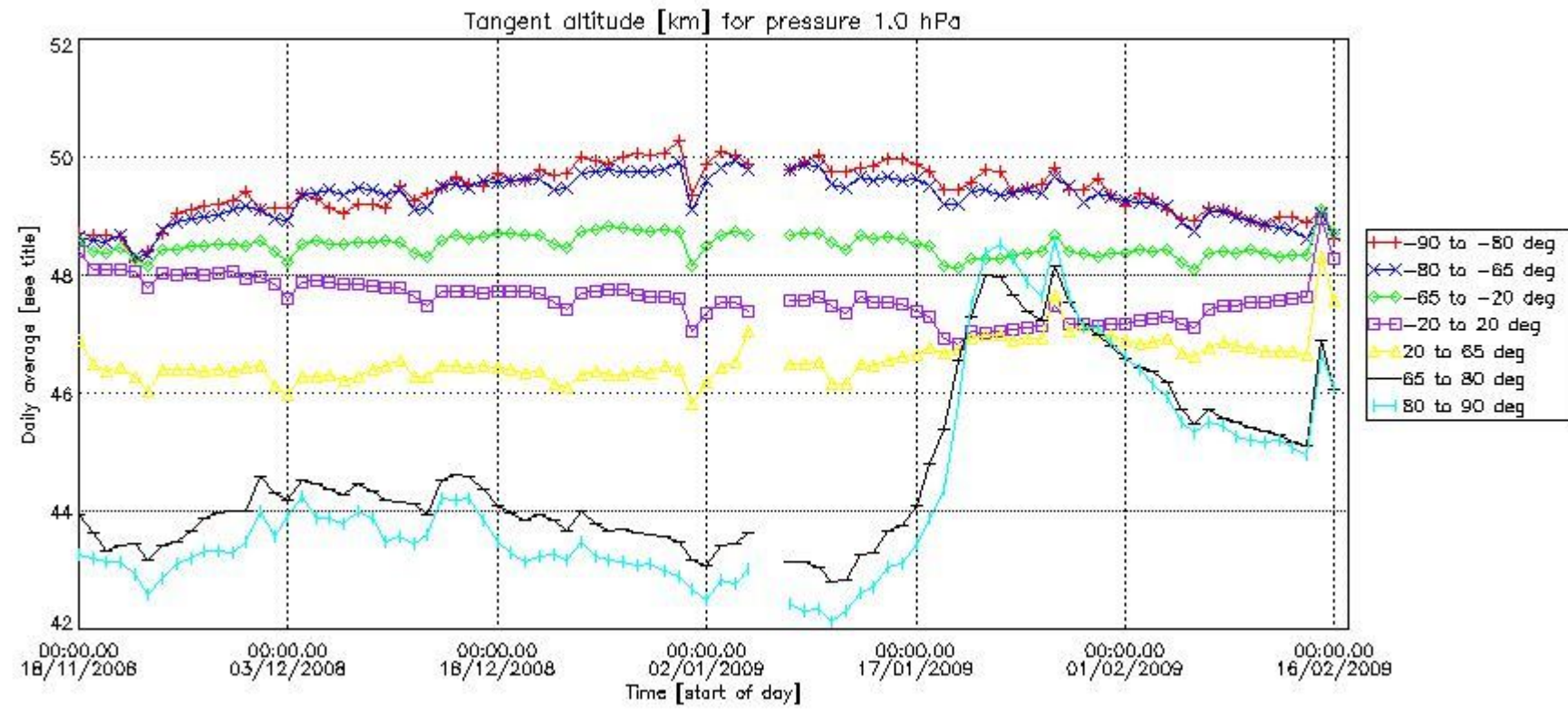


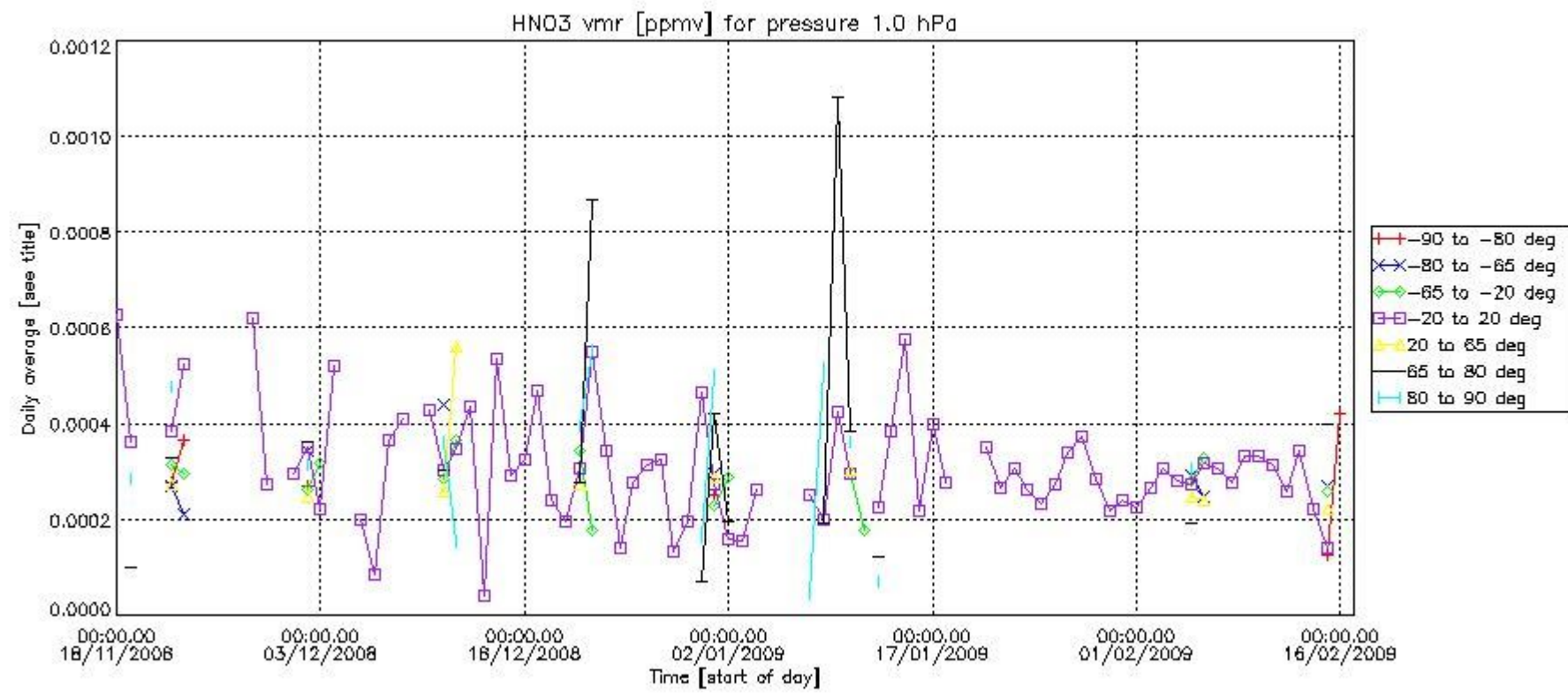
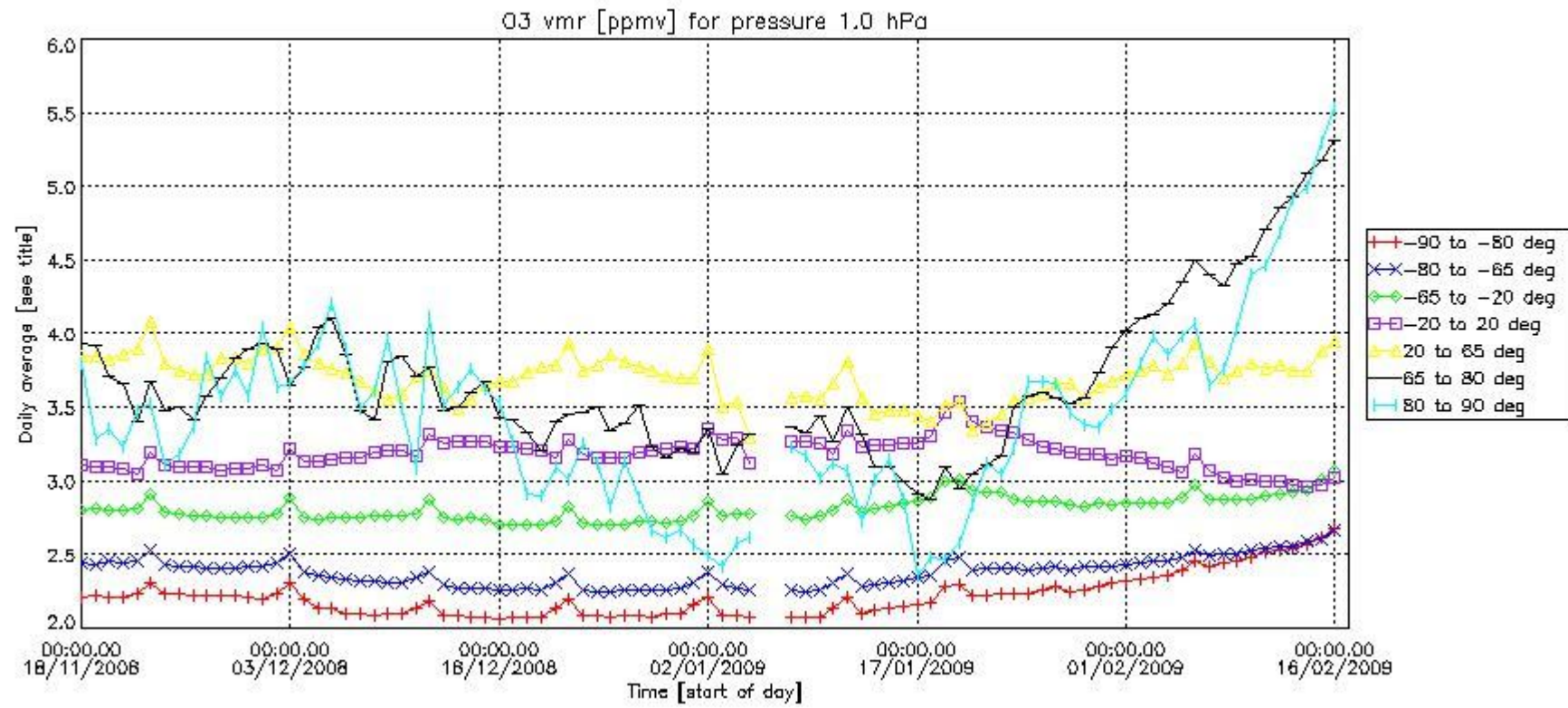


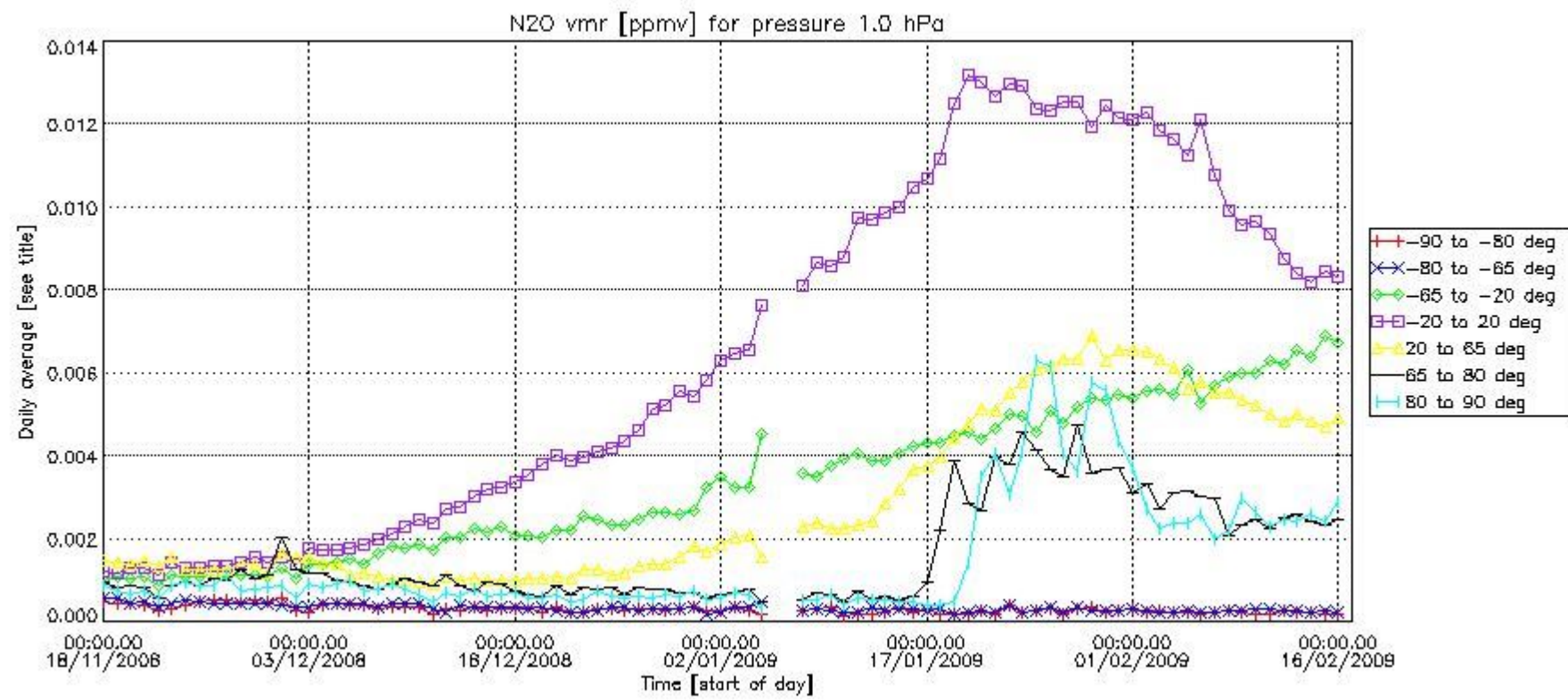
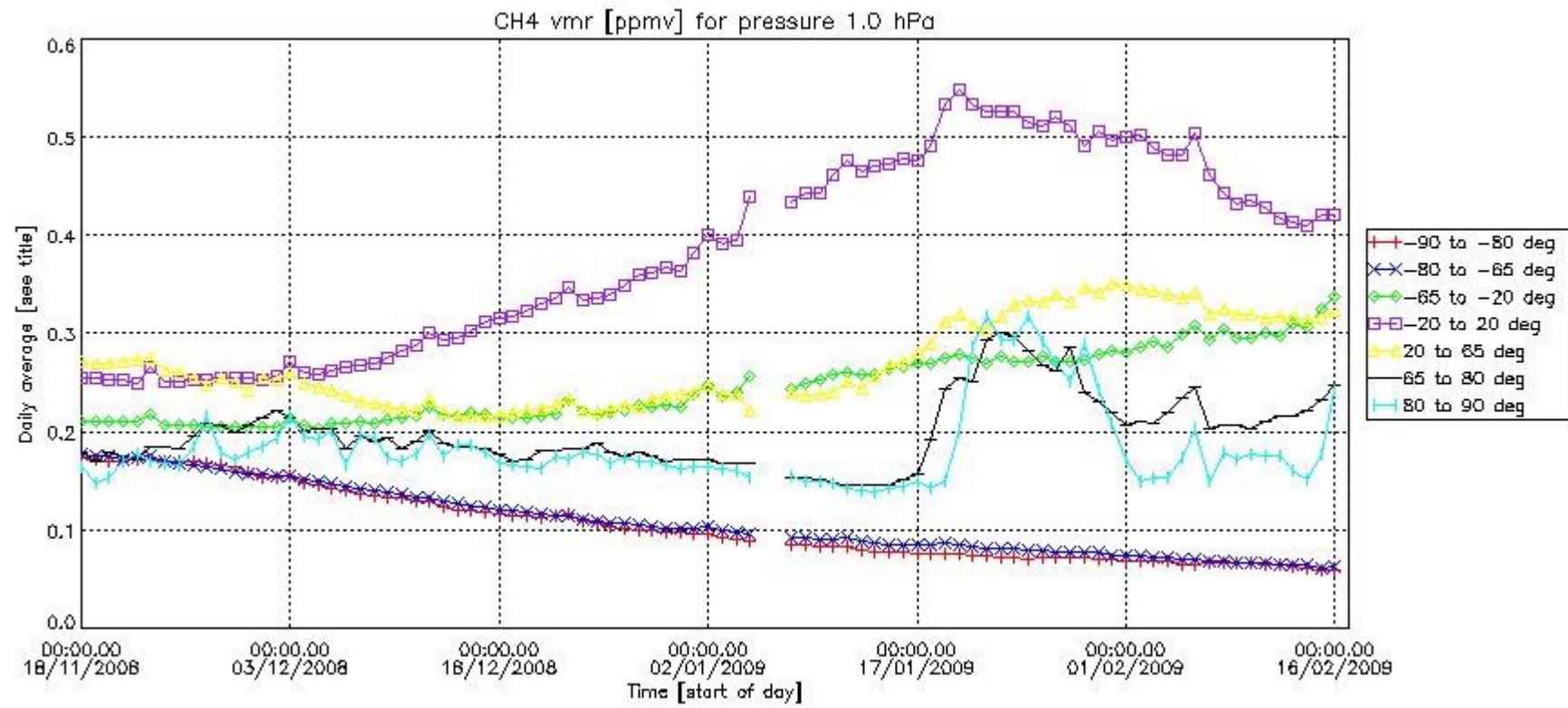


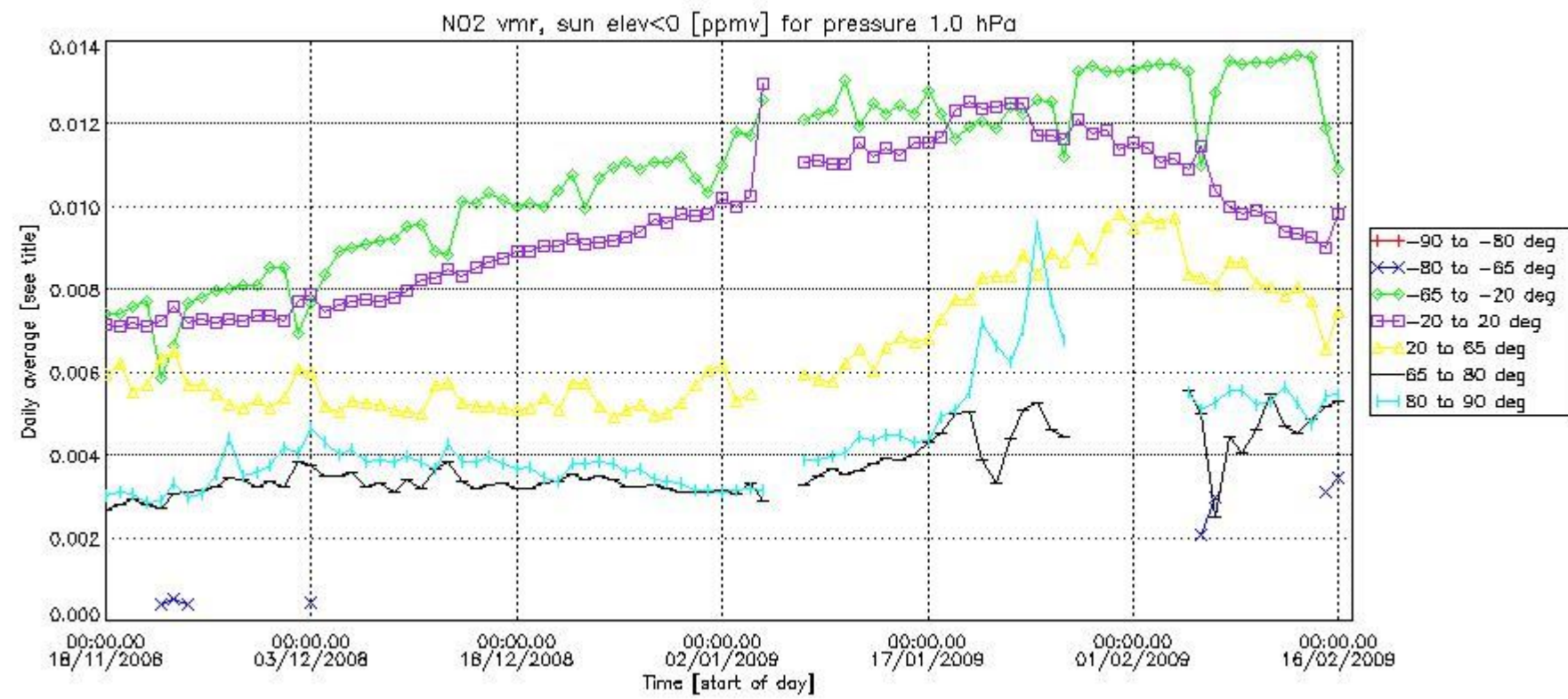
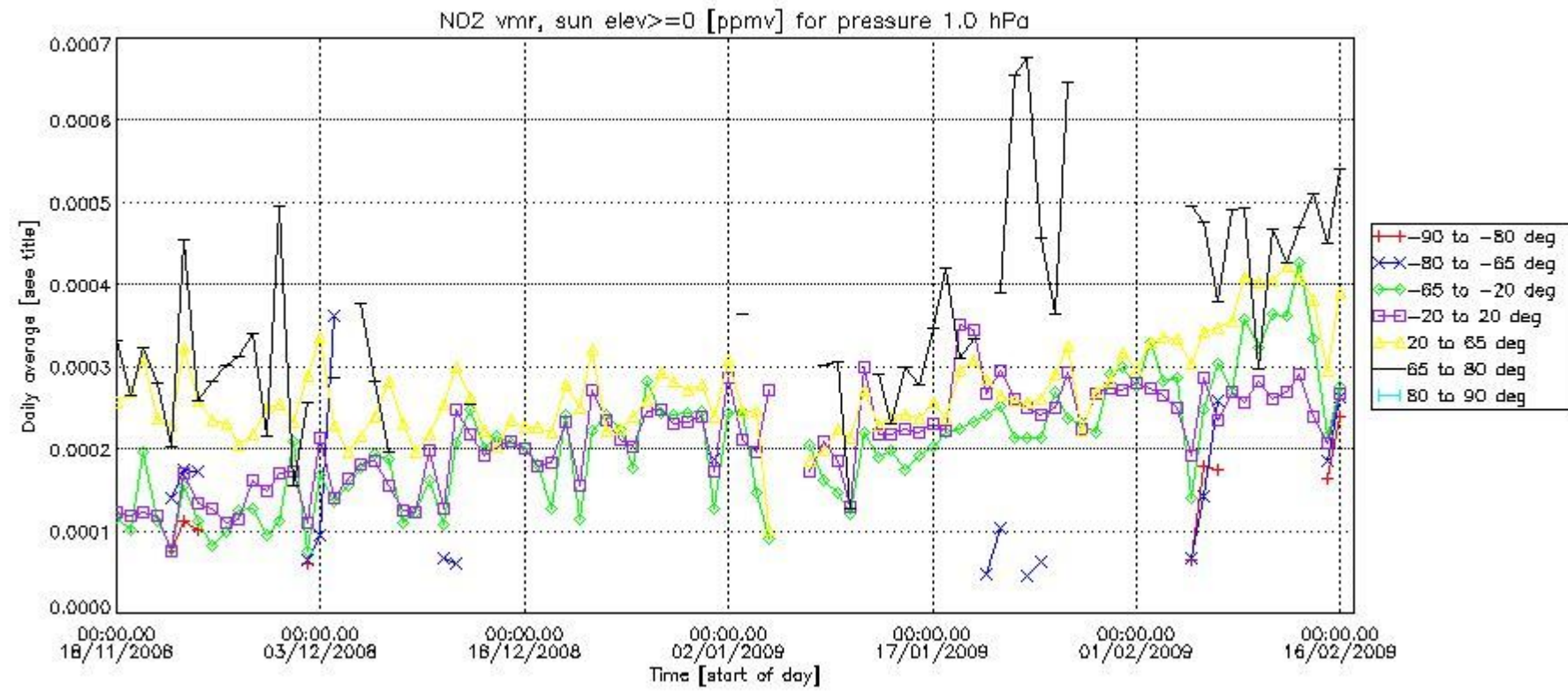


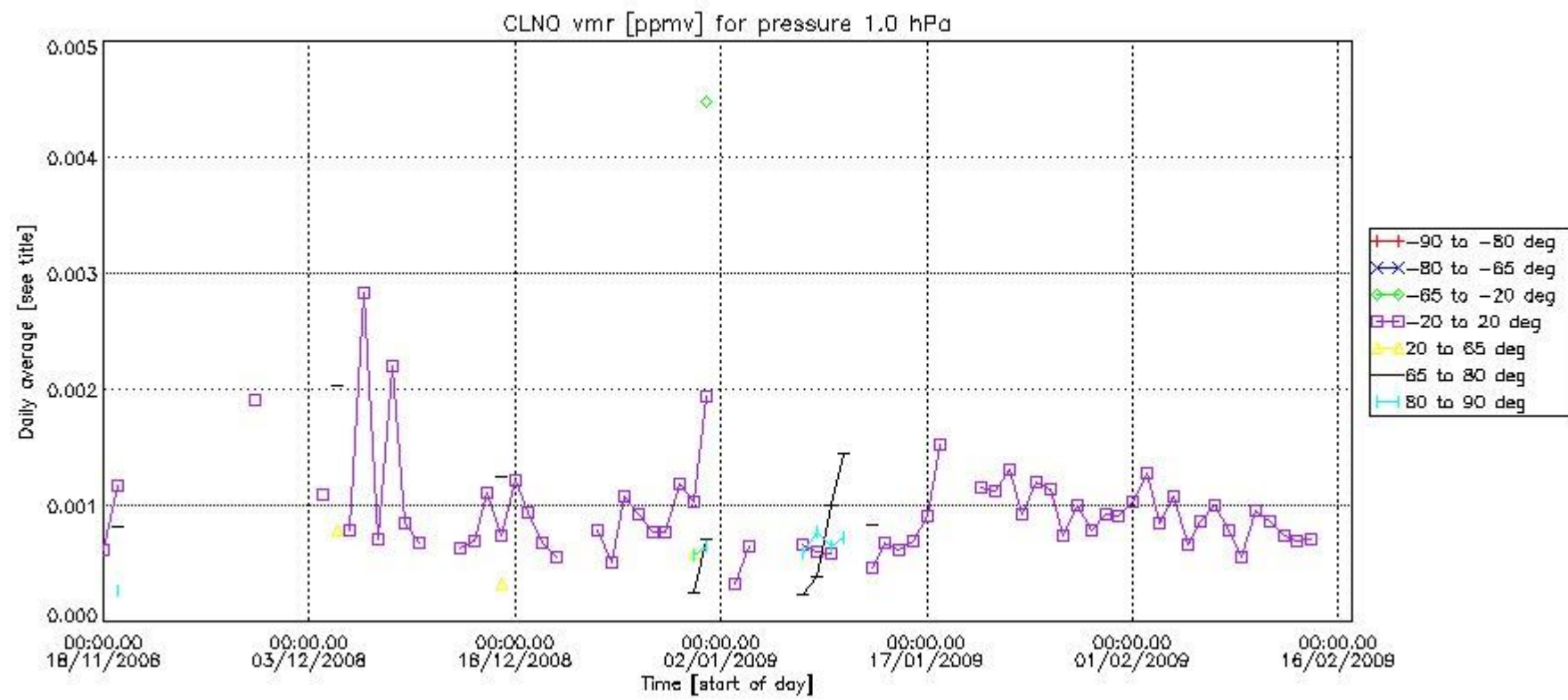
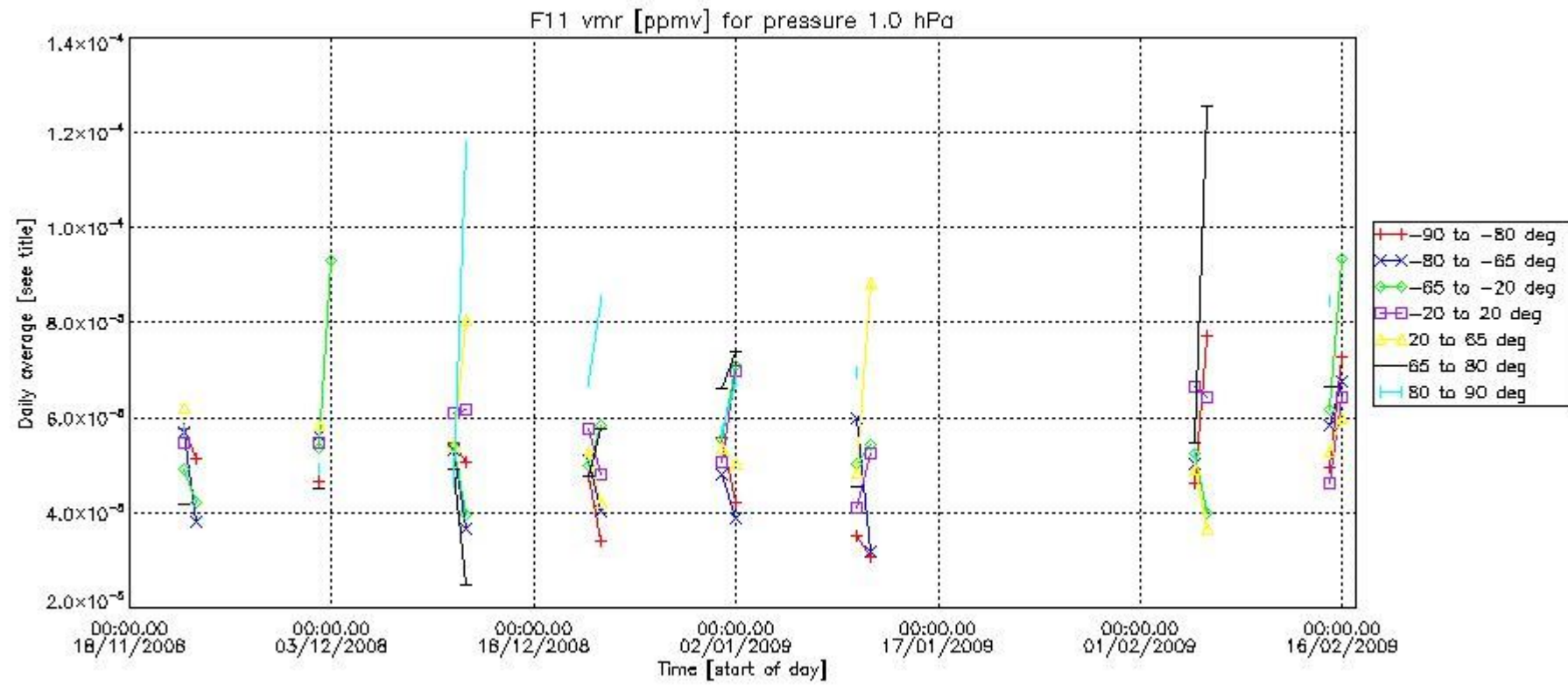


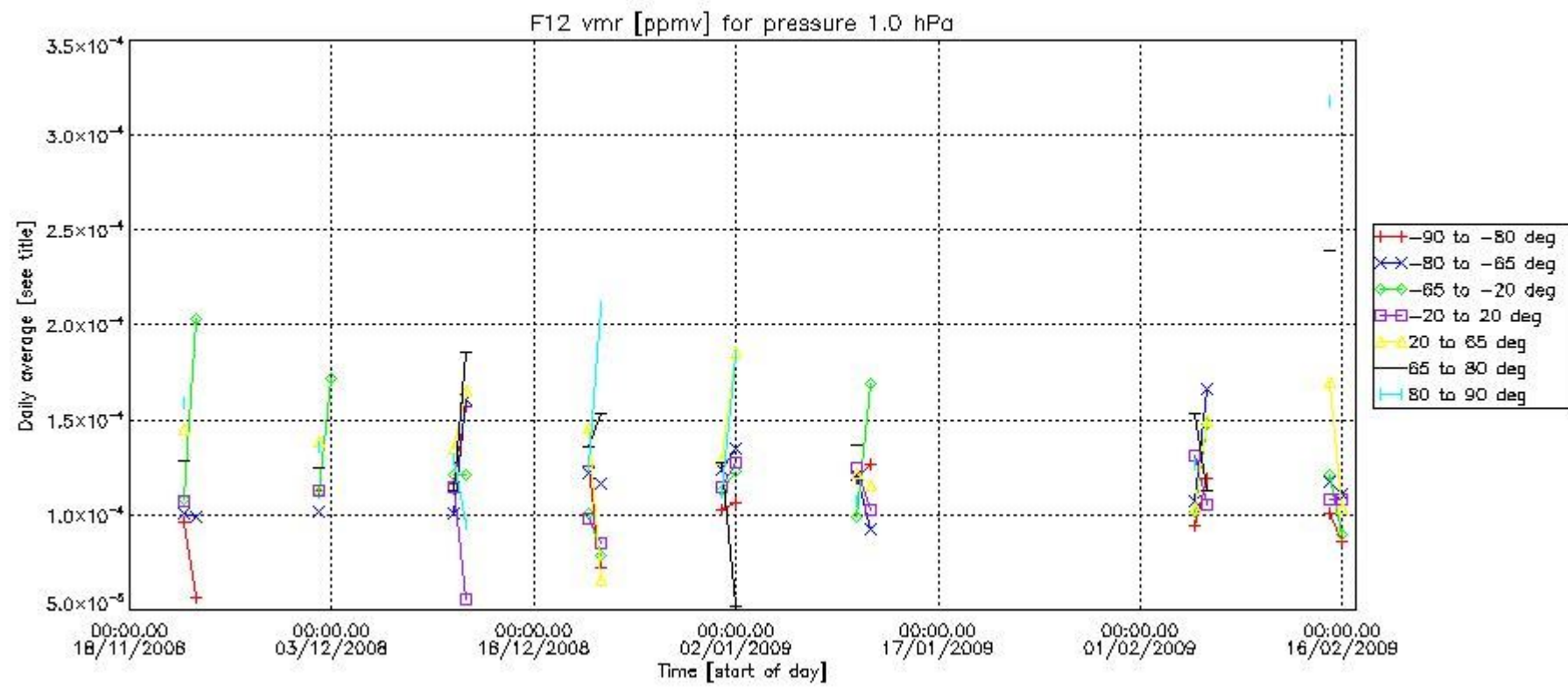
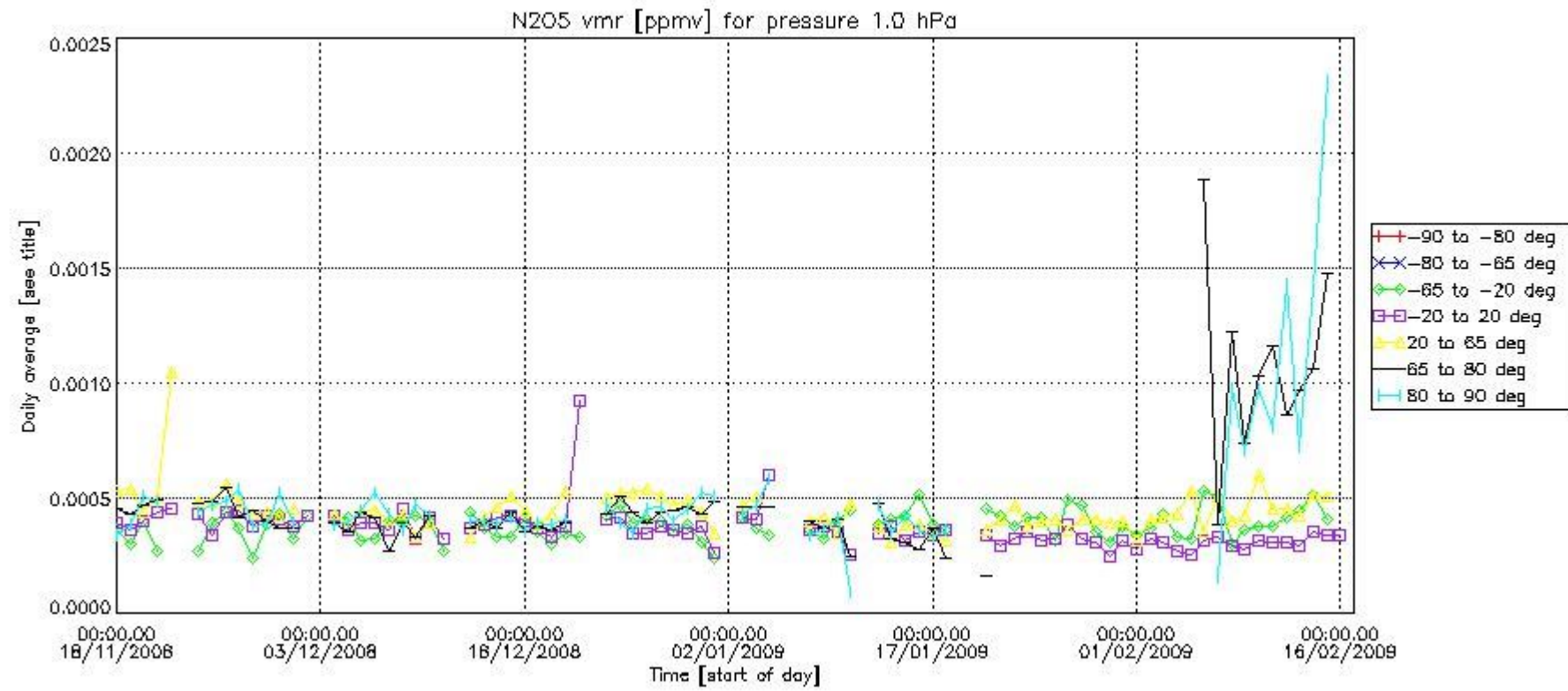


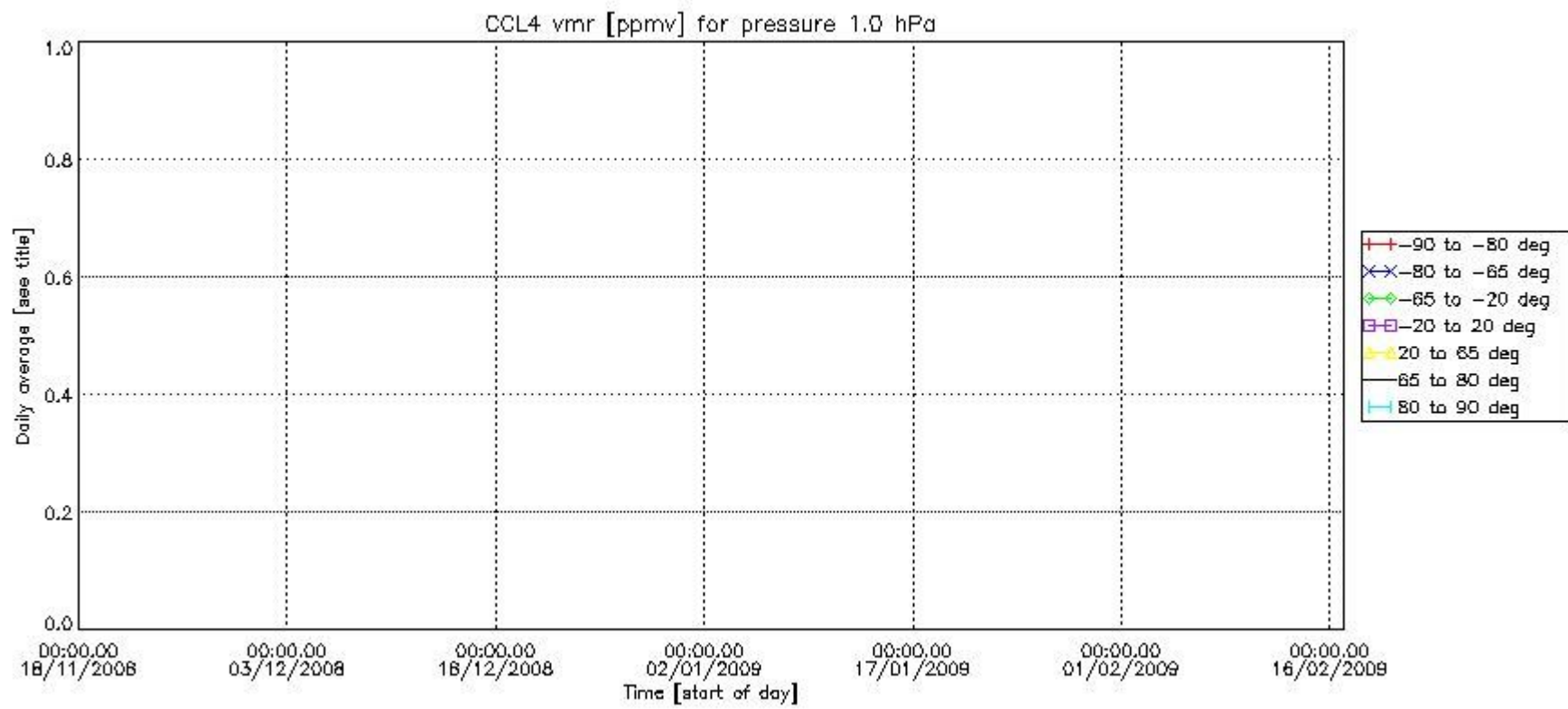
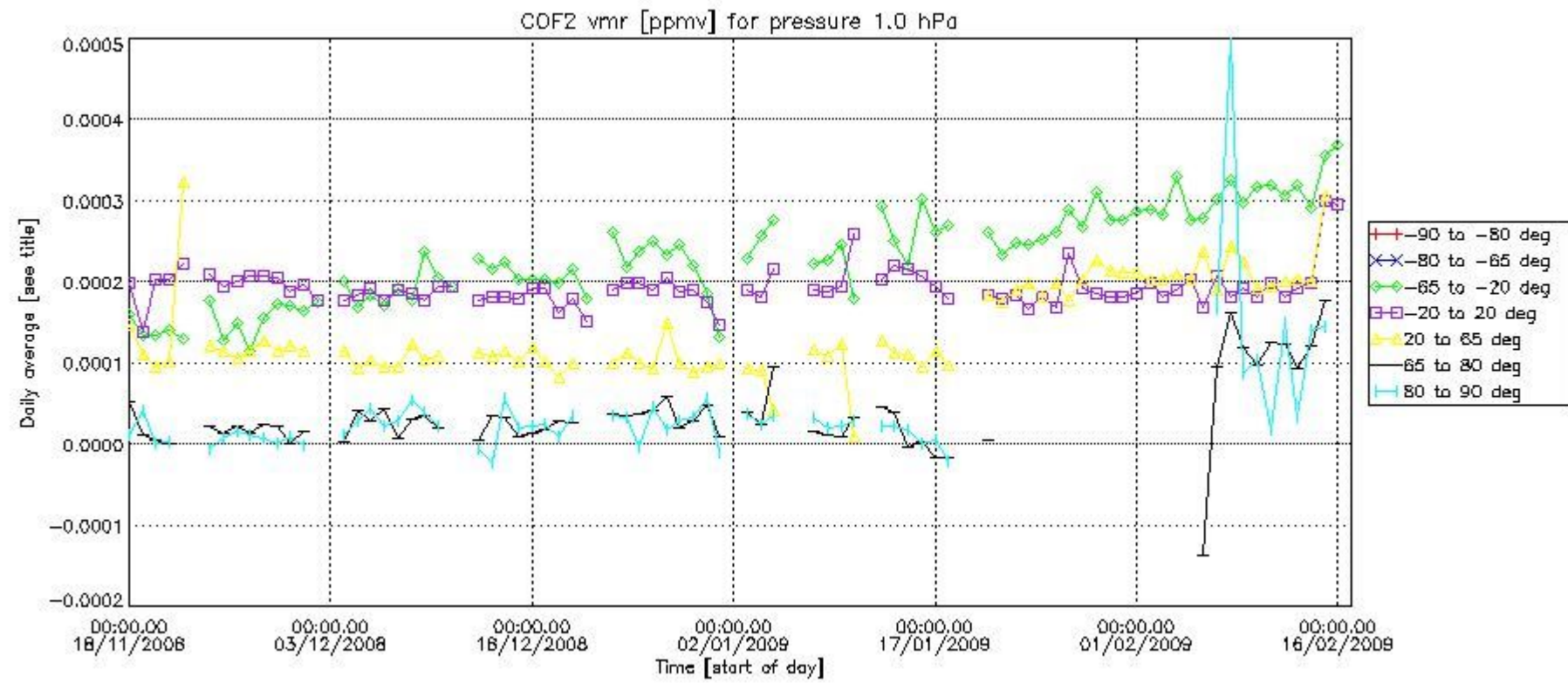


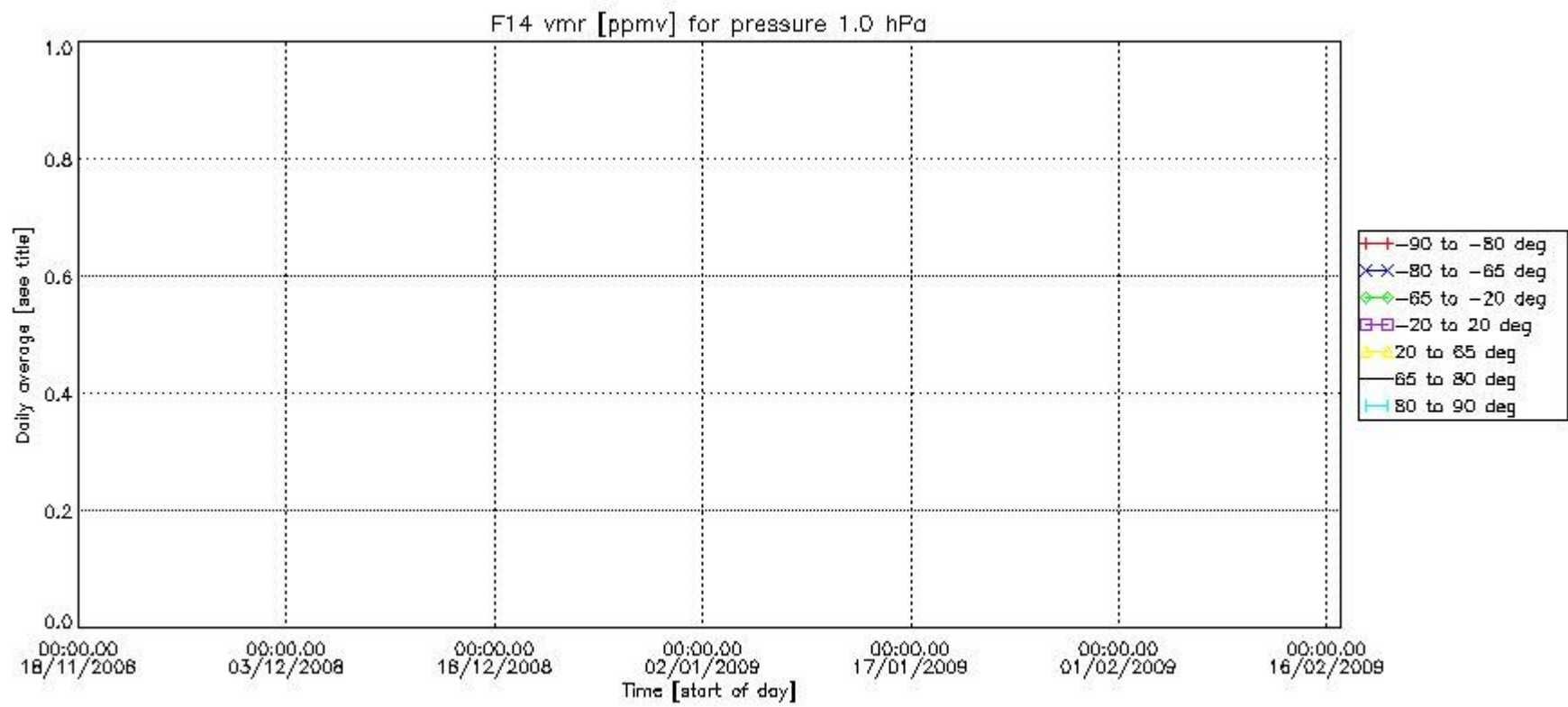
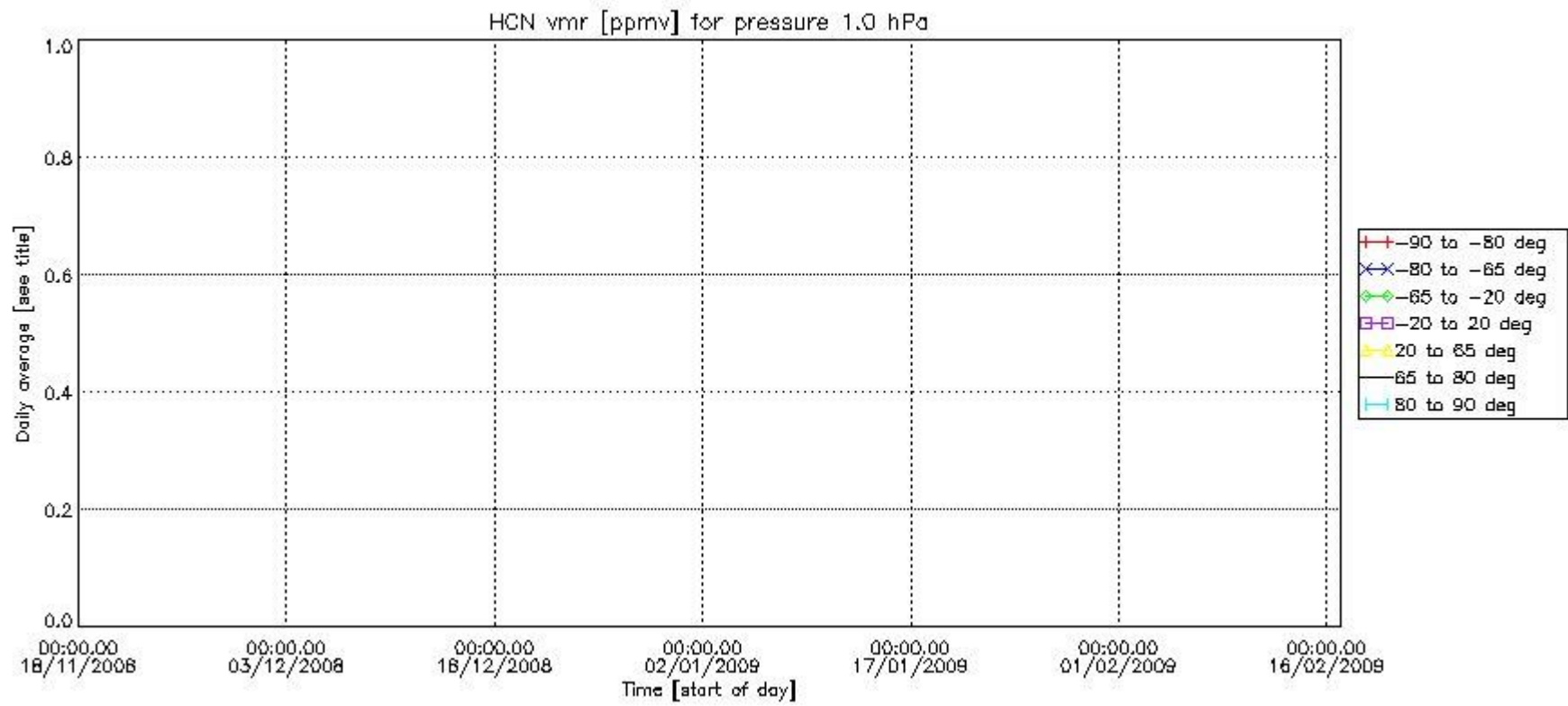


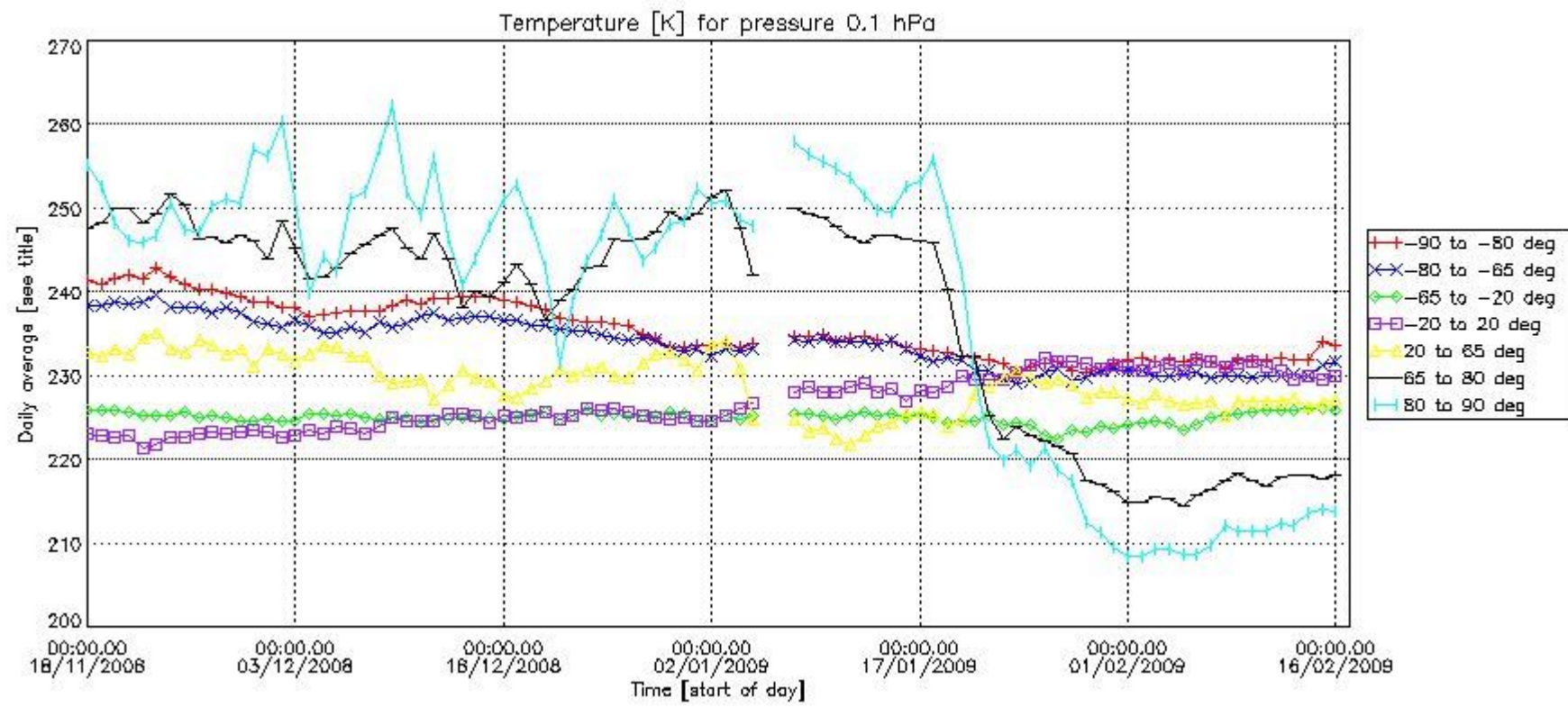
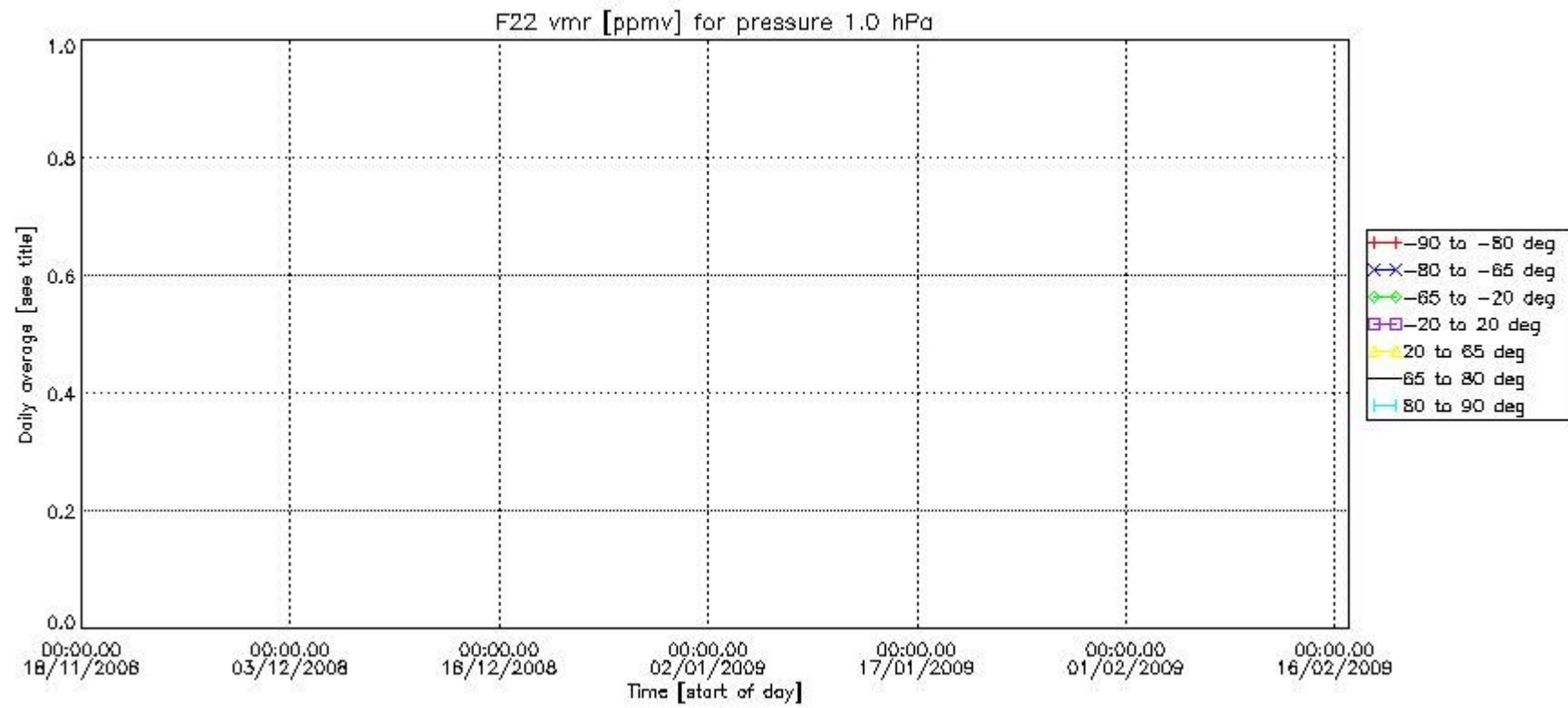


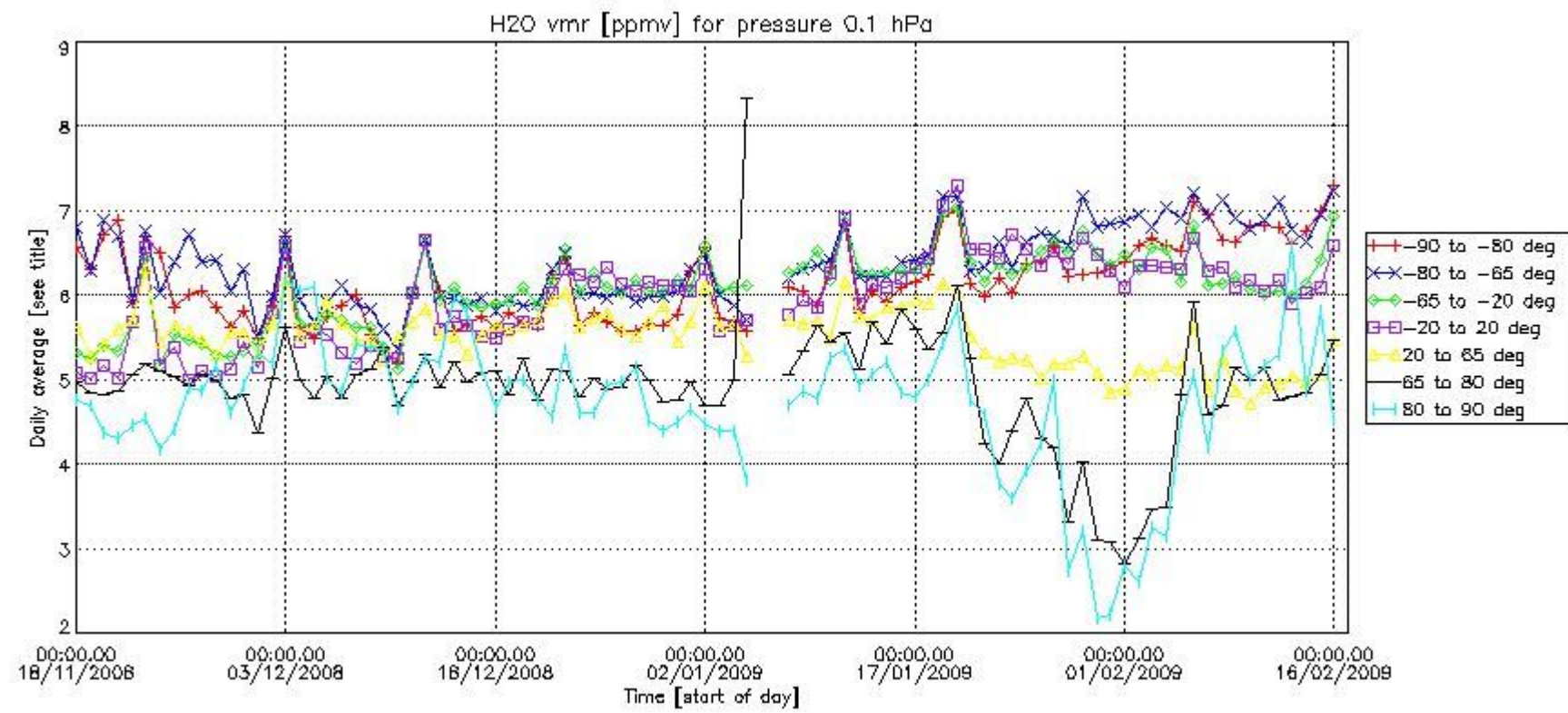
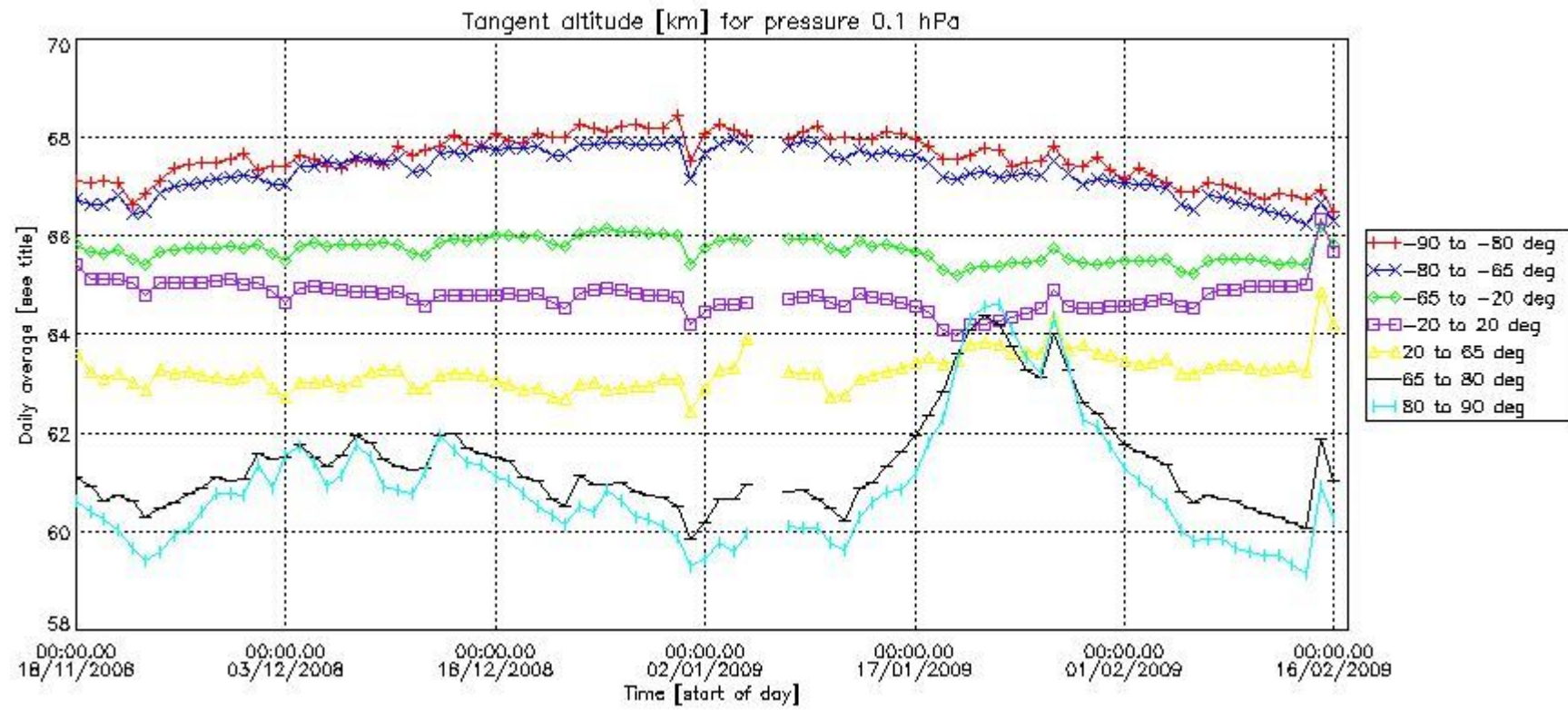


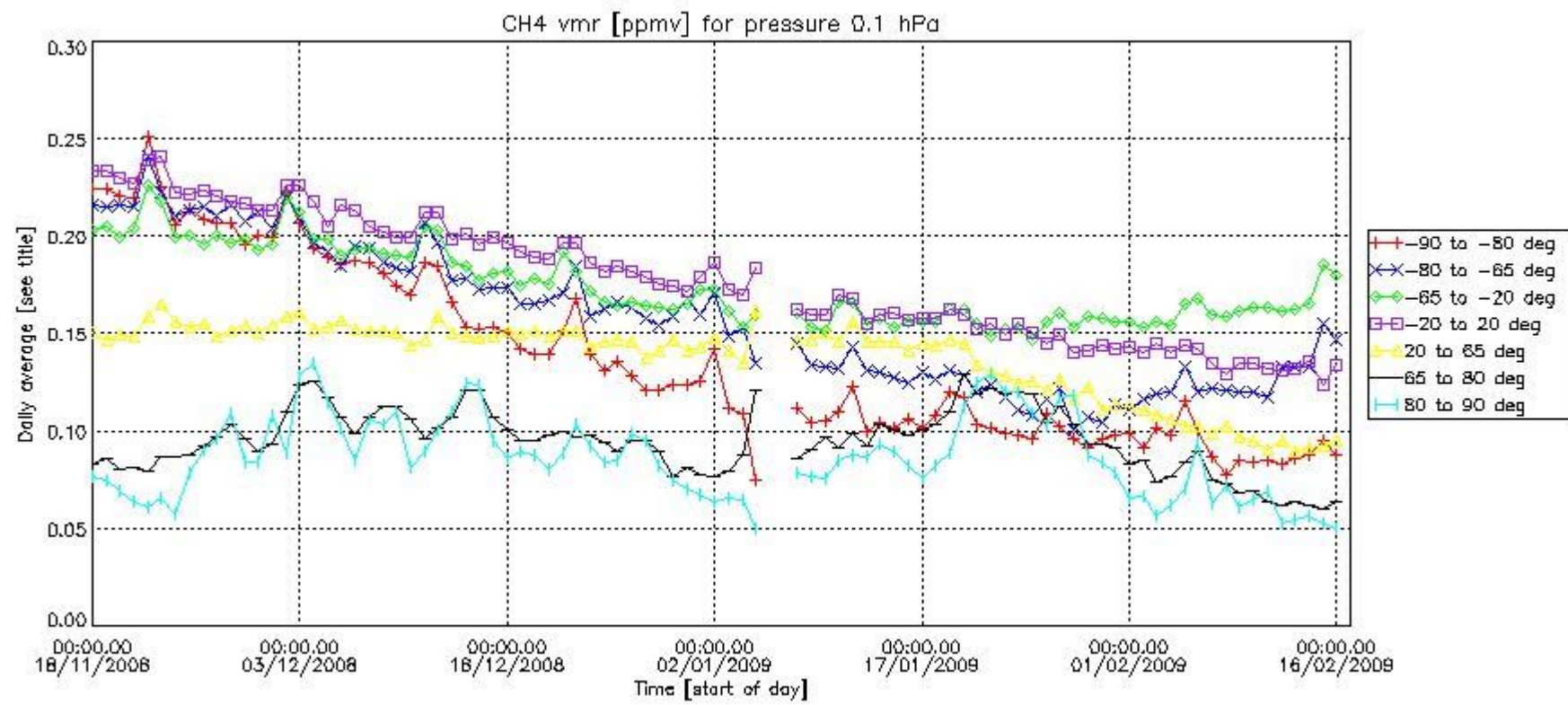
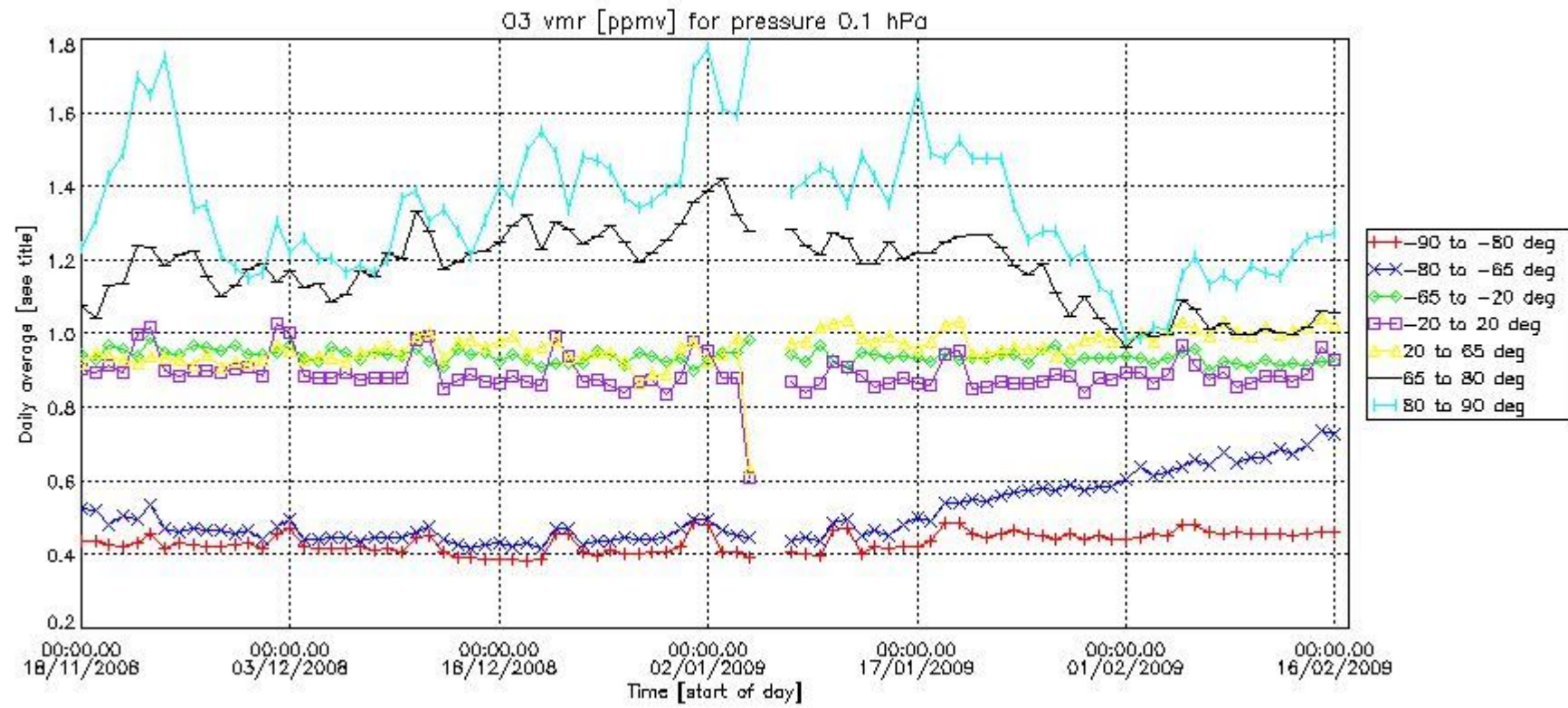


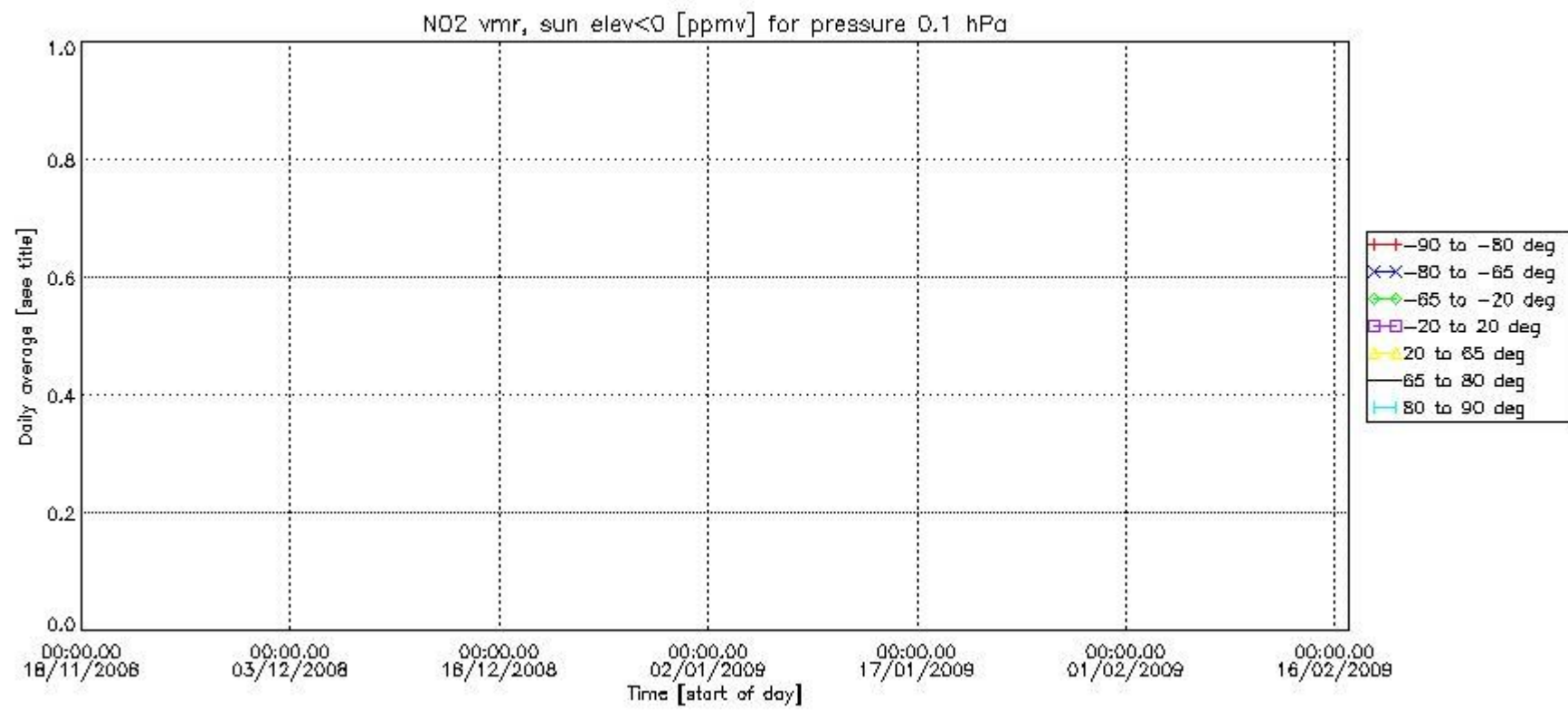
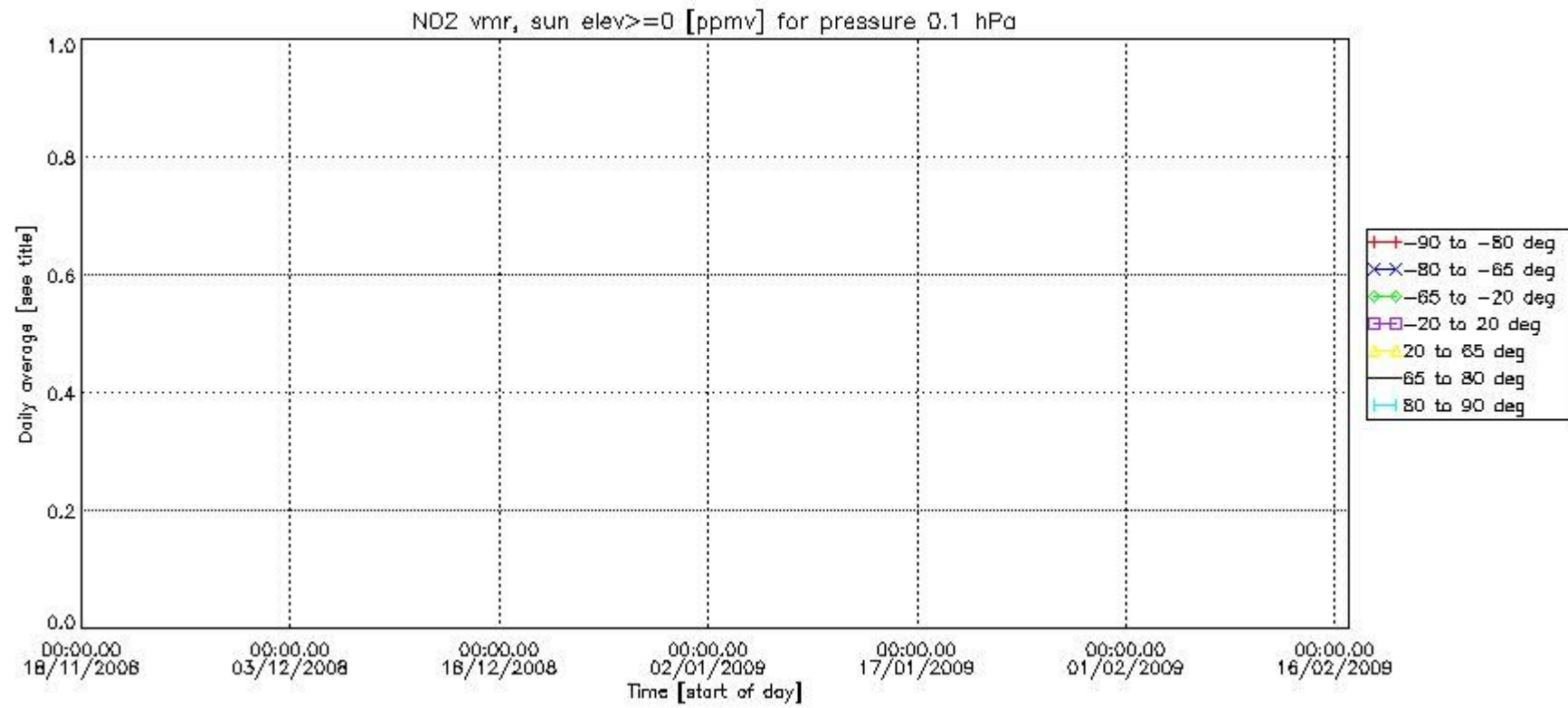


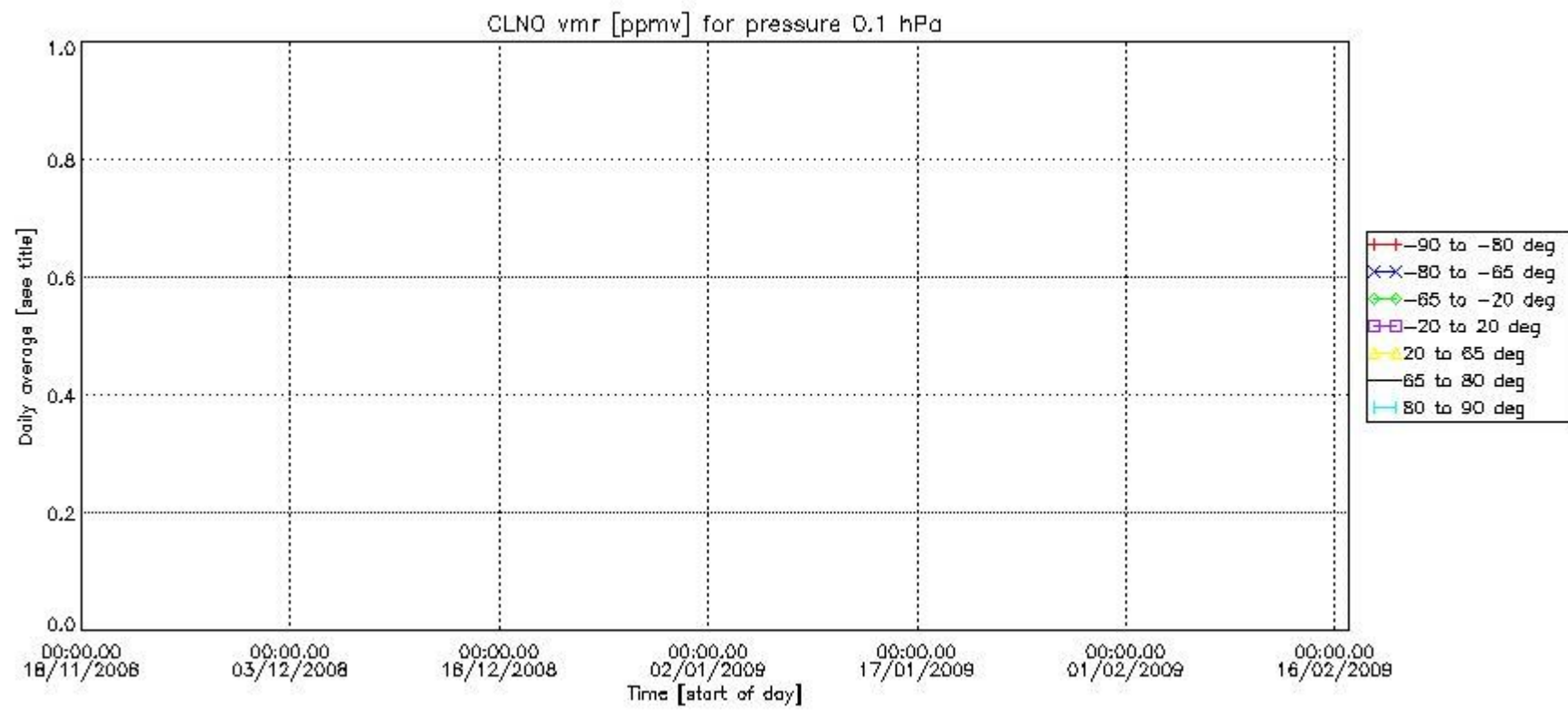
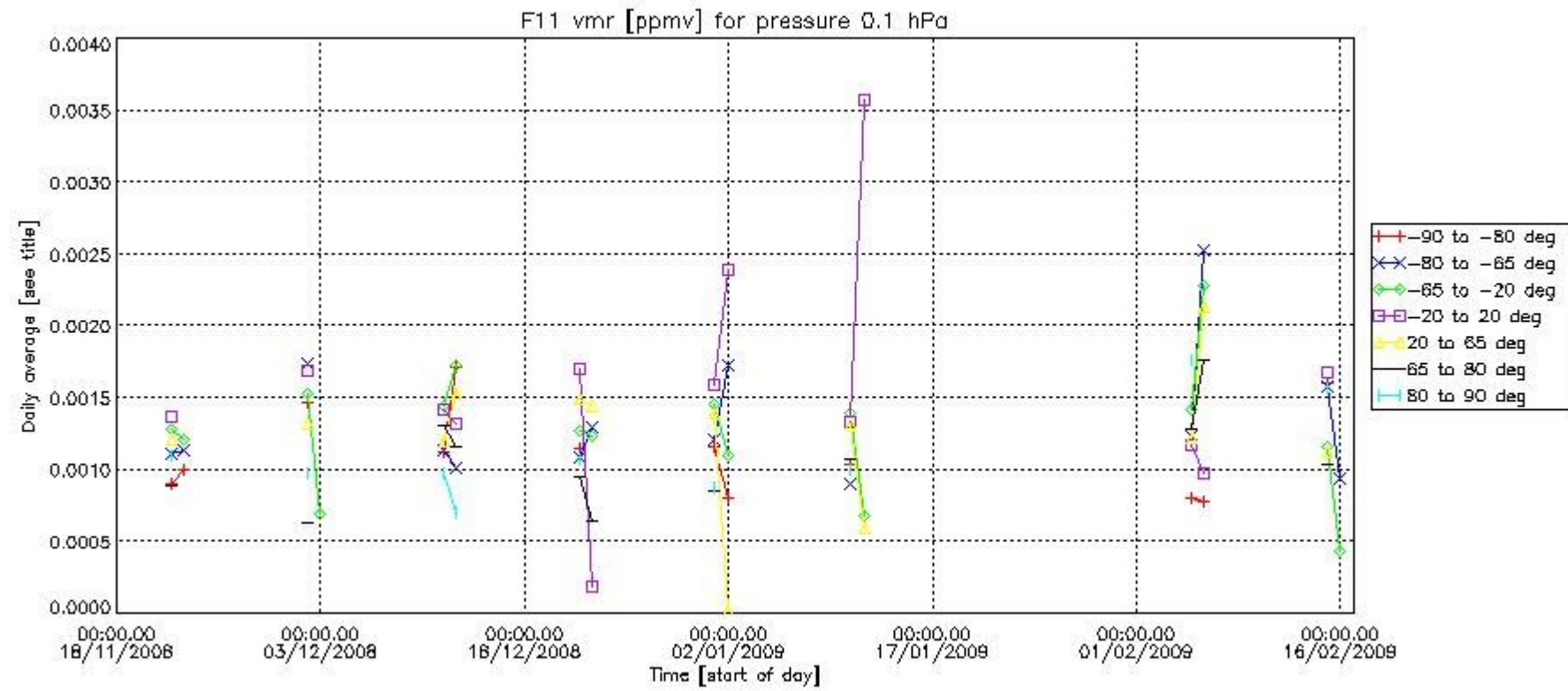


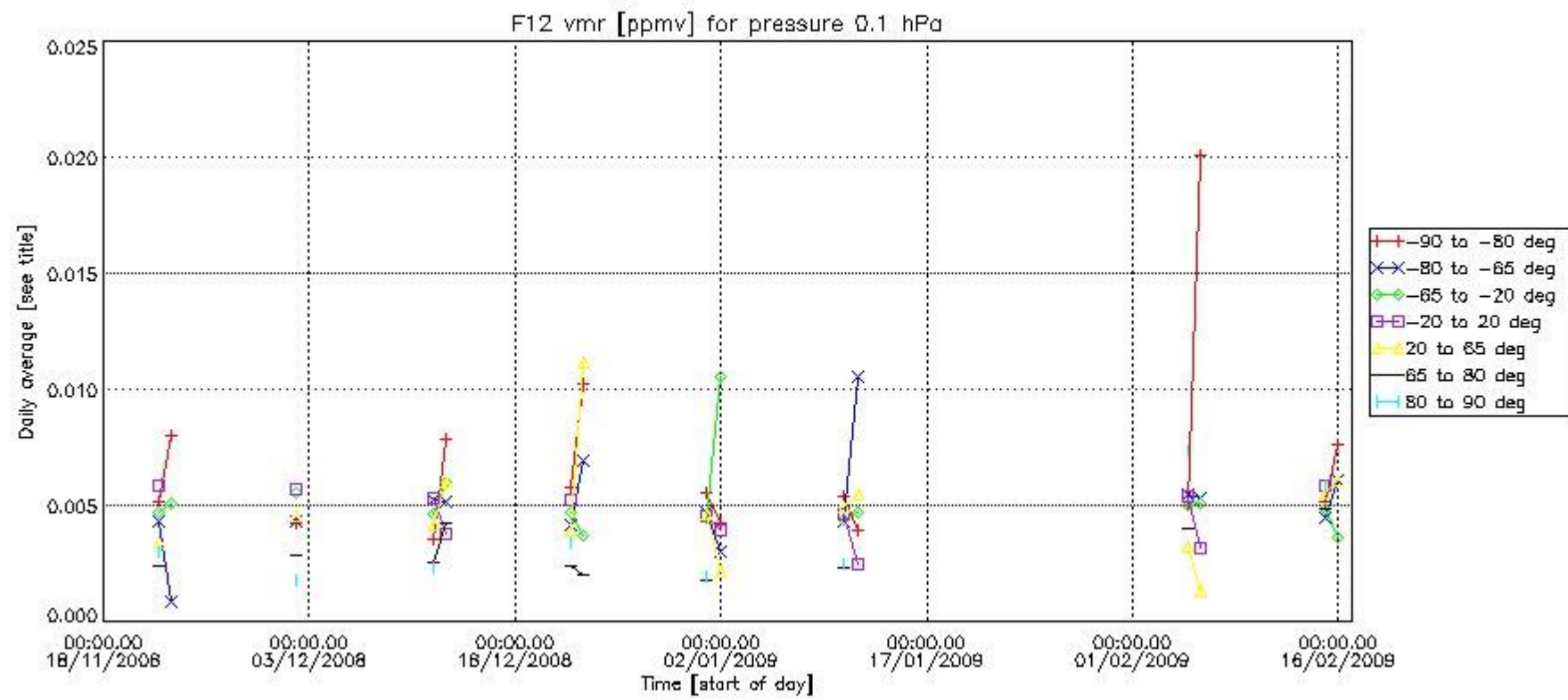
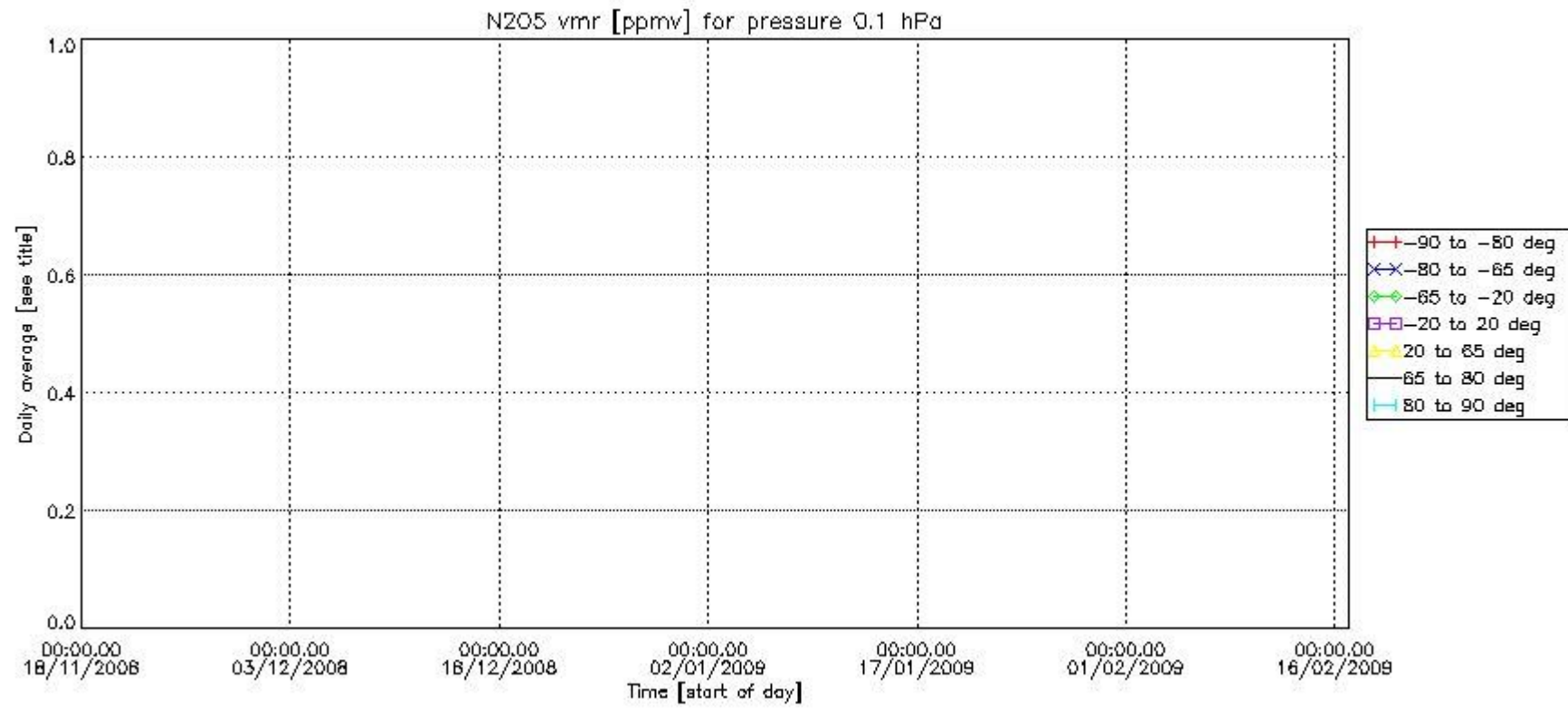


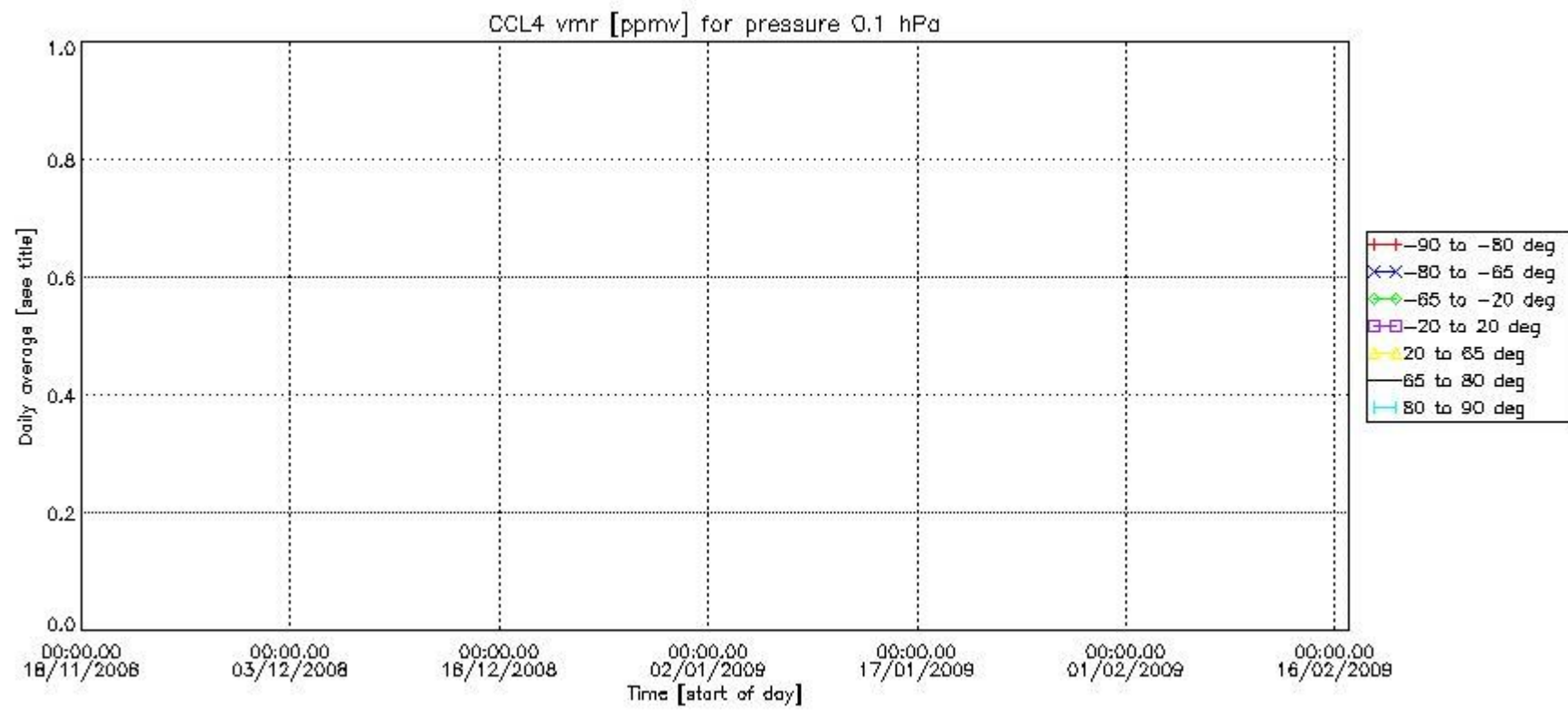
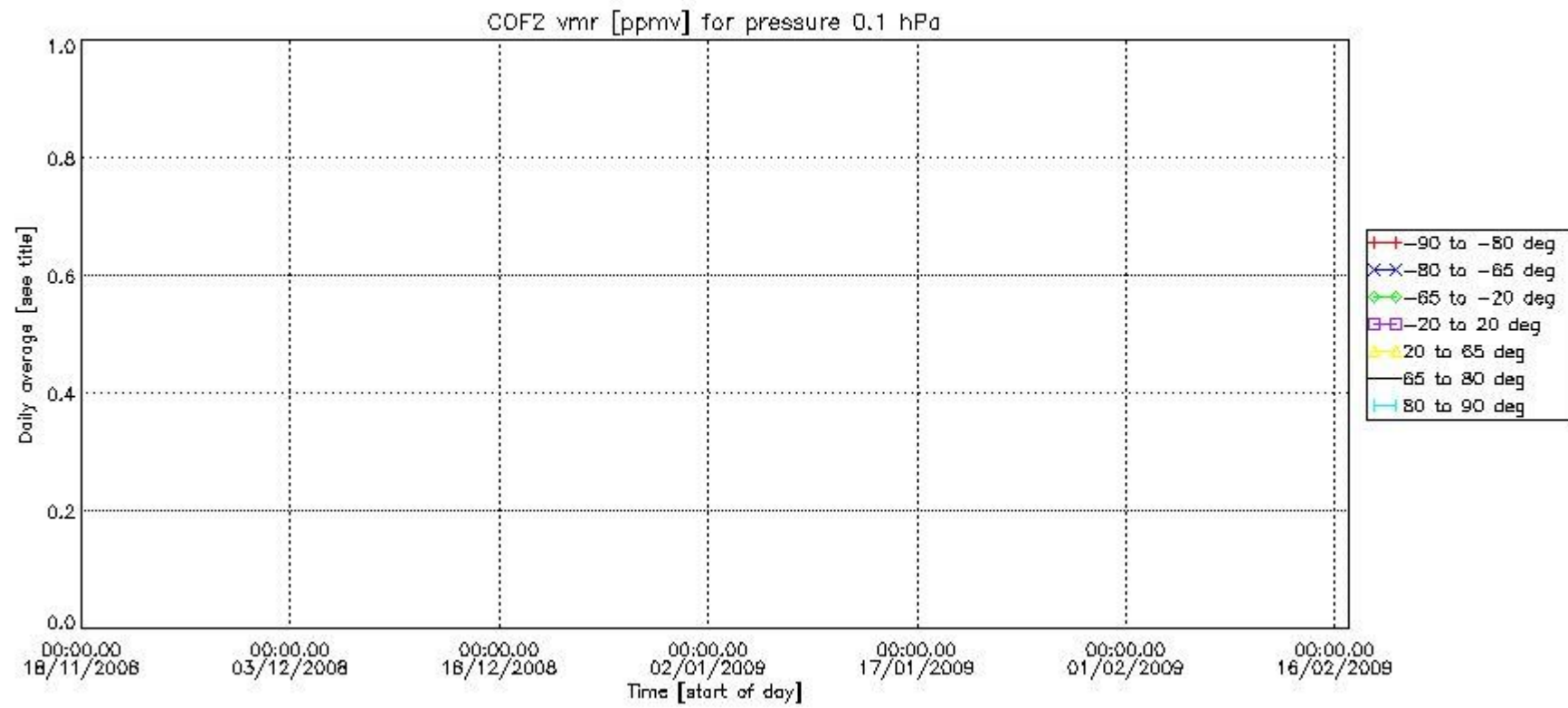


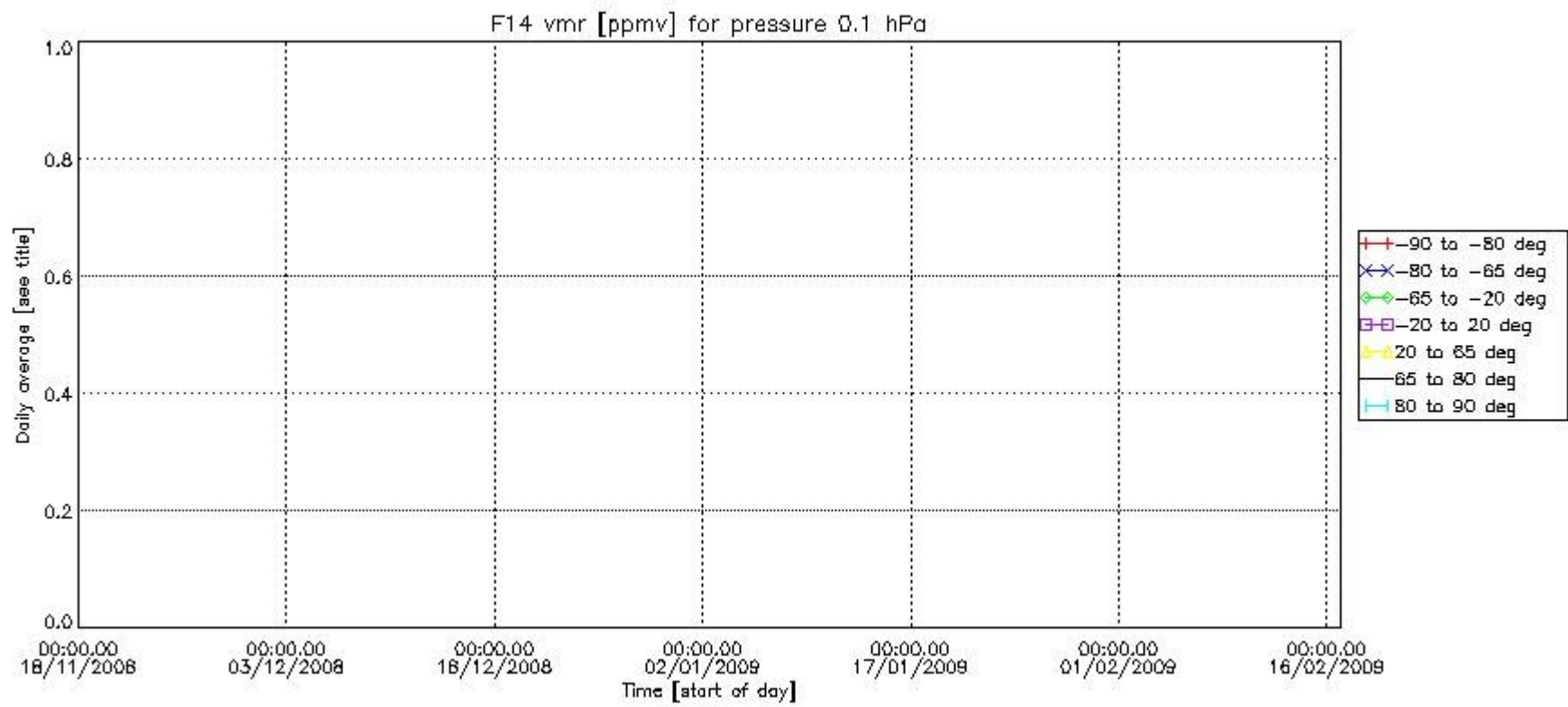
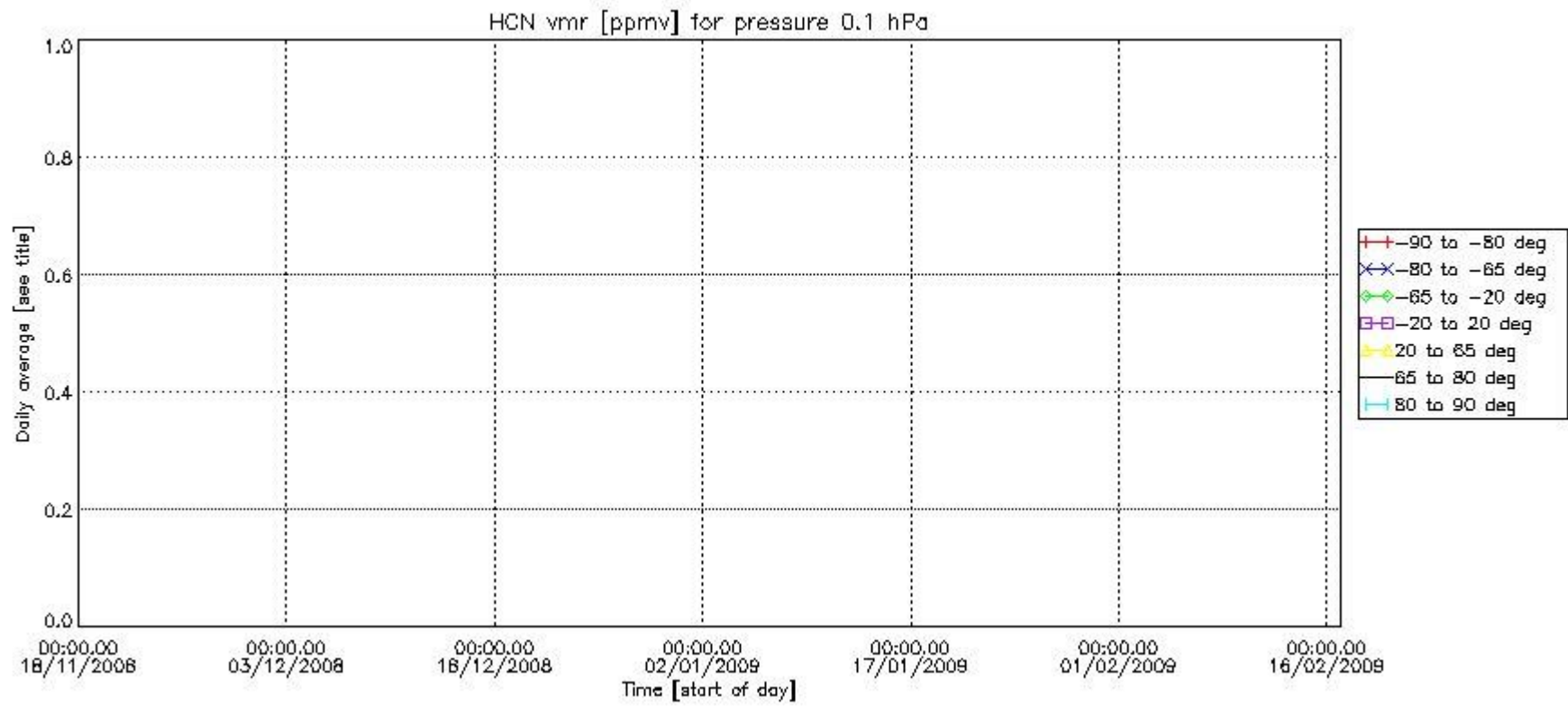


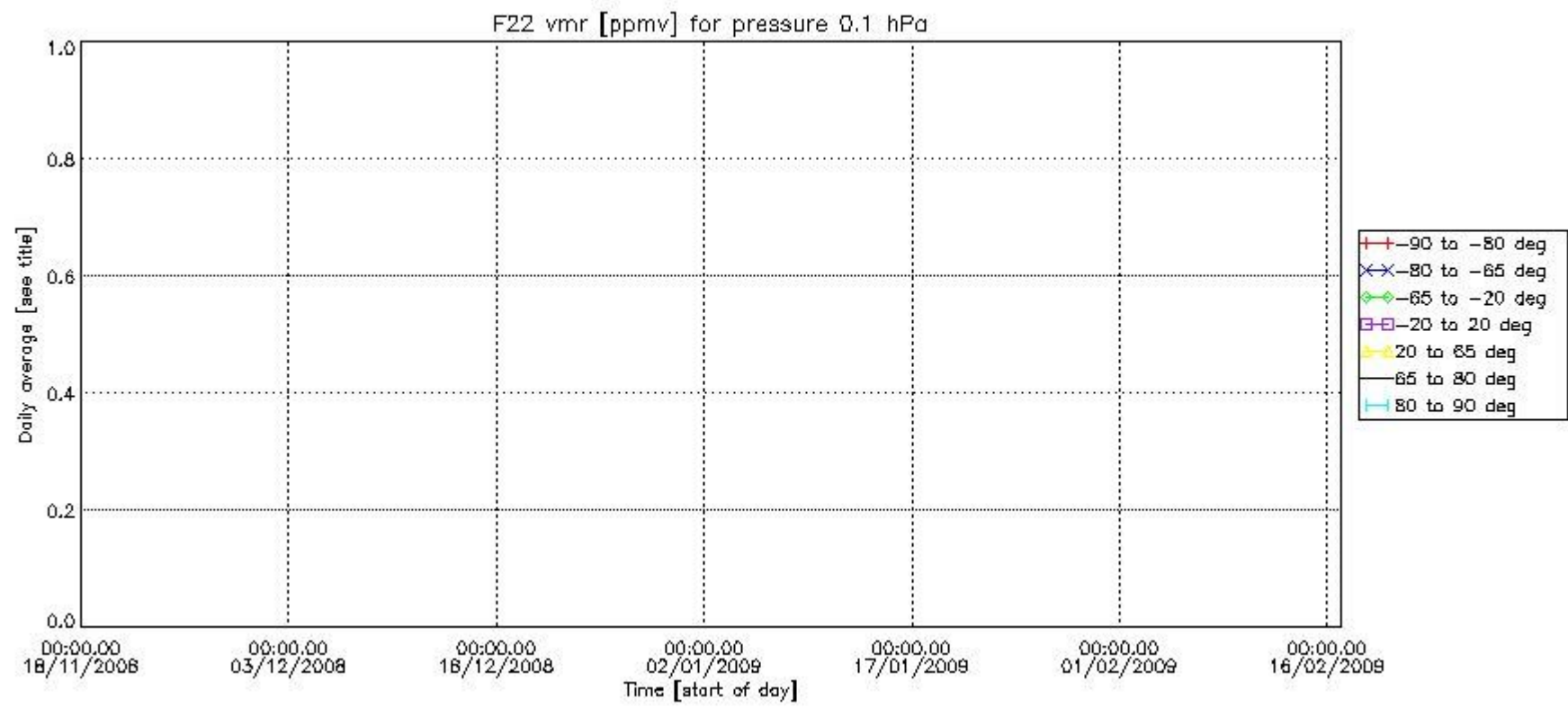












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

