

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20120403.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	21MAY2016 06:03:04
Data source version	ML2PP/7.03-W
Processing scope for products	03APR2012 00:00:00 to 04APR2012 00:00:00
Start time of first product within scope	02APR2012 22:28:19
Stop time of last product within scope	04APR2012 01:12:03
Total number of level 2 products	16
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.

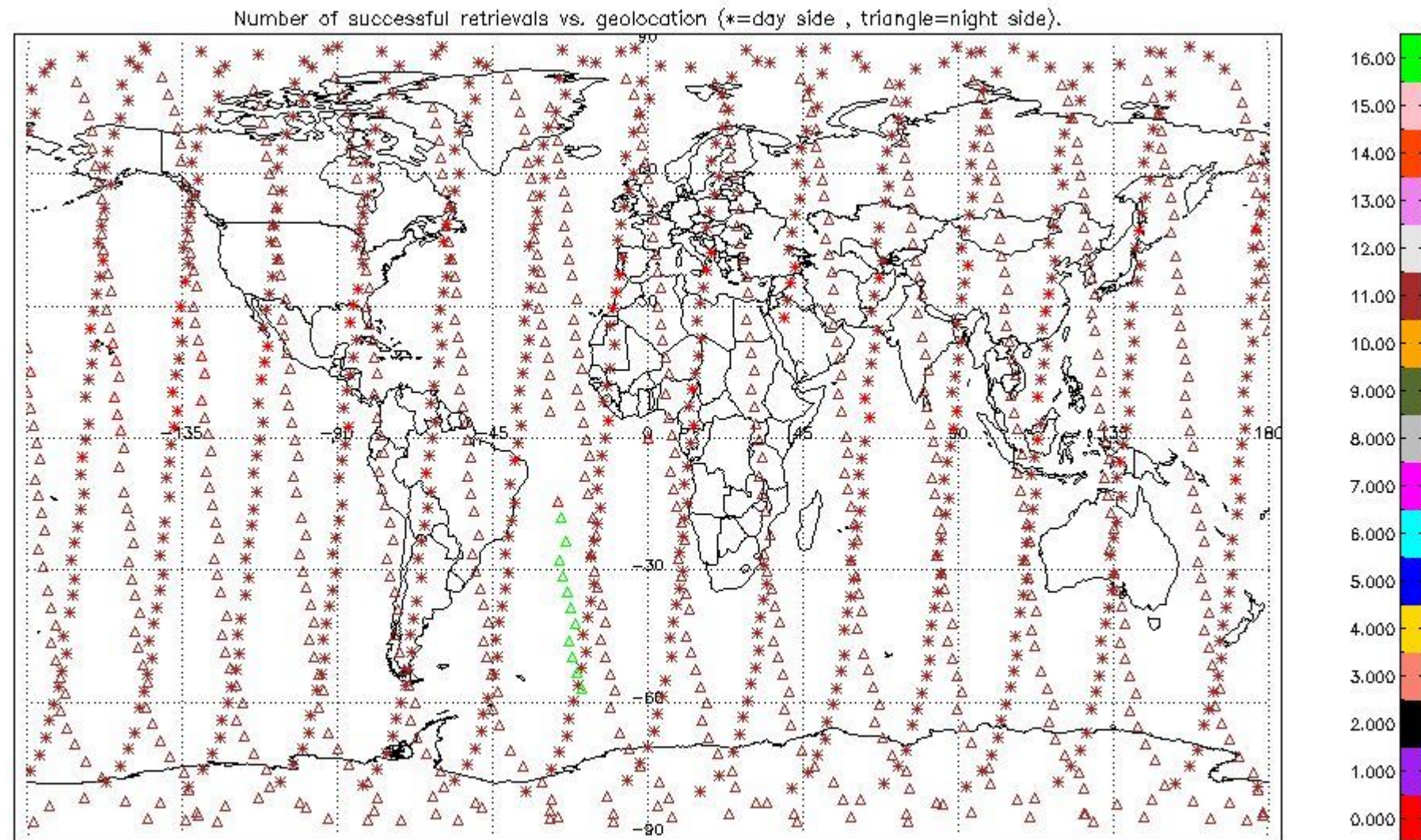
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20120402_222819_000060143113_00188_52788_1000.N1	02APR2012 22:28:19	03APR2012 00:08:33	0	96/96	VMR_TERM_MACRO_MICRO[HCN/micro:3]
1	MIP_NL__2PWDSI20120403_000840_000060233113_00189_52789_1000.N1	03APR2012 00:08:40	03APR2012 01:49:02	0	87/87	
2	MIP_NL__2PWDSI20120403_014909_000059913113_00190_52790_1000.N1	03APR2012 01:49:09	03APR2012 03:29:00	0	89/89	
3	MIP_NL__2PWDSI20120403_032906_000060273113_00191_52791_1000.N1	03APR2012 03:29:06	03APR2012 05:09:33	0	90/90	
4	MIP_NL__2PWDSI20120403_050939_000059913113_00192_52792_1000.N1	03APR2012 05:09:39	03APR2012 06:49:31	0	89/89	
5	MIP_NL__2PWDSI20120403_064937_000059933113_00193_52793_1000.N1	03APR2012 06:49:37	03APR2012 08:29:30	0	77/77	
6	MIP_NL__2PWDSI20120403_082936_000060563113_00194_52794_1000.N1	03APR2012 08:29:36	03APR2012 10:10:32	0	90/90	
7	MIP_NL__2PWDSI20120403_101038_000059623113_00195_52795_1000.N1	03APR2012 10:10:38	03APR2012 11:50:00	0	89/89	
8	MIP_NL__2PWDSI20120403_115007_000060563113_00196_52796_1000.N1	03APR2012 11:50:07	03APR2012 13:31:03	0	90/90	
9	MIP_NL__2PWDSI20120403_133109_000059623113_00197_52797_1000.N1	03APR2012 13:31:09	03APR2012 15:10:31	0	89/89	
10	MIP_NL__2PWDSI20120403_151037_000060273113_00198_52798_1000.N1	03APR2012 15:10:37	03APR2012 16:51:04	0	90/90	
11	MIP_NL__2PWDSI20120403_165140_000059623113_00199_52799_1000.N1	03APR2012 16:51:40	03APR2012 18:31:02	0	89/89	VMR_TERM_MACRO_MICRO[HNO3/micro:1]
12	MIP_NL__2PWDSI20120403_183108_000060273113_00200_52800_1000.N1	03APR2012 18:31:08	03APR2012 20:11:35	0	90/90	
13	MIP_NL__2PWDSI20120403_201141_000059913113_00201_52801_1000.N1	03APR2012 20:11:41	03APR2012 21:51:32	0	89/89	
14	MIP_NL__2PWDSI20120403_215139_000060273113_00202_52802_1000.N1	03APR2012 21:51:39	03APR2012 23:32:06	0	90/90	
15	MIP_NL__2PWDSI20120403_233212_000059913113_00203_52803_1000.N1	03APR2012 23:32:12	04APR2012 01:12:03	0	89/89	

2.2 Processing performance indicators

2.2.1 Successful retrievals

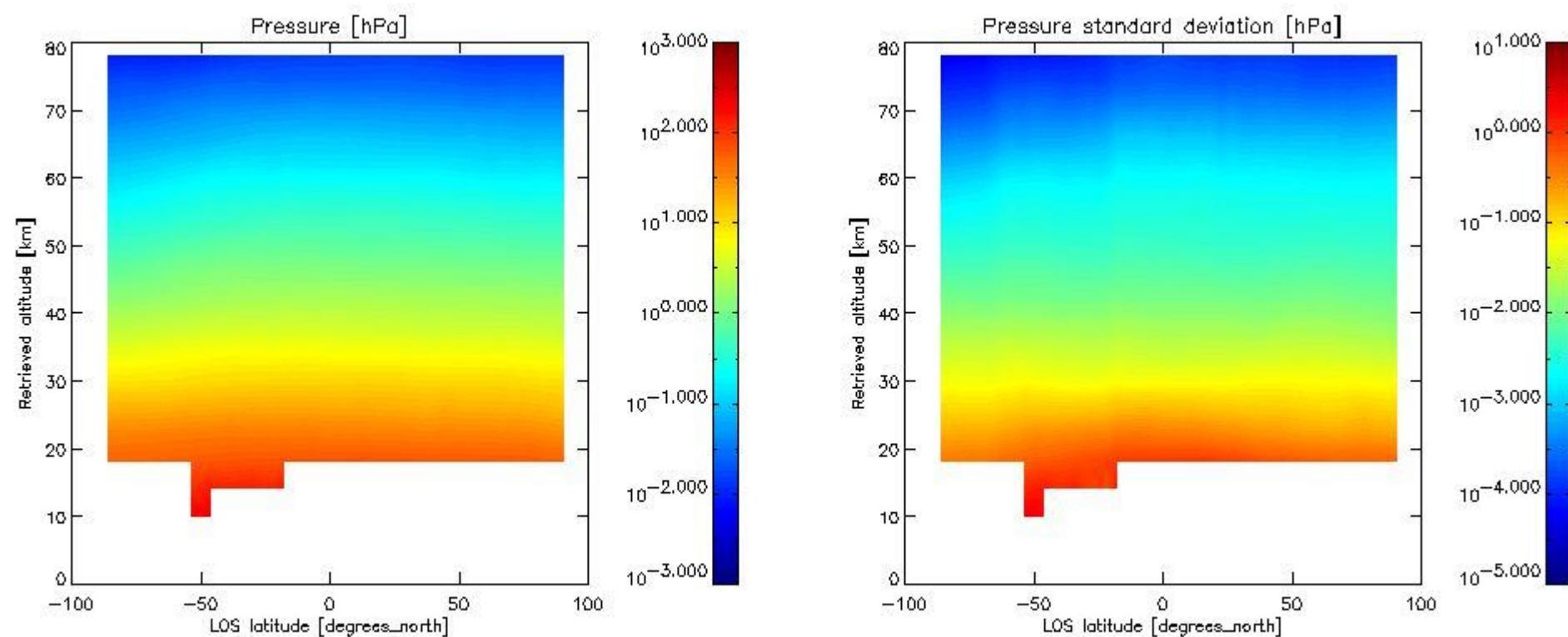
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1423	1215	85.383
H2O	1423	1215	85.383
O3	1423	1215	85.383
HNO3	1423	1215	85.383
CH4	1423	1215	85.383
N2O	1423	1215	85.383
NO2	1423	1215	85.383
F11	1423	1215	85.383
CLNO	1423	1215	85.383
N2O5	1423	1215	85.383
F12	1423	1215	85.383
COF2	1423	11	0.77301
CCL4	1423	11	0.77301
HCN	1423	11	0.77301
F14	1423	11	0.77301
F22	1423	11	0.77301



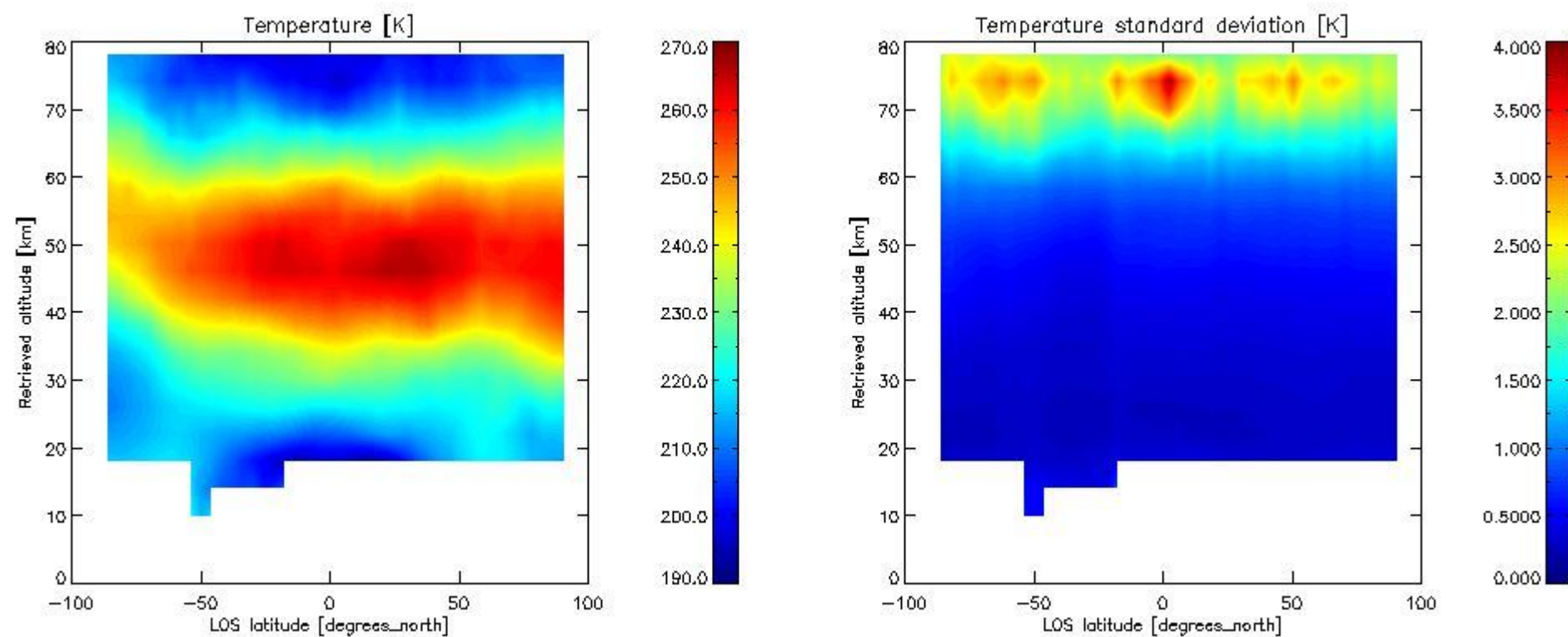
2.2.2 Pressure overview

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



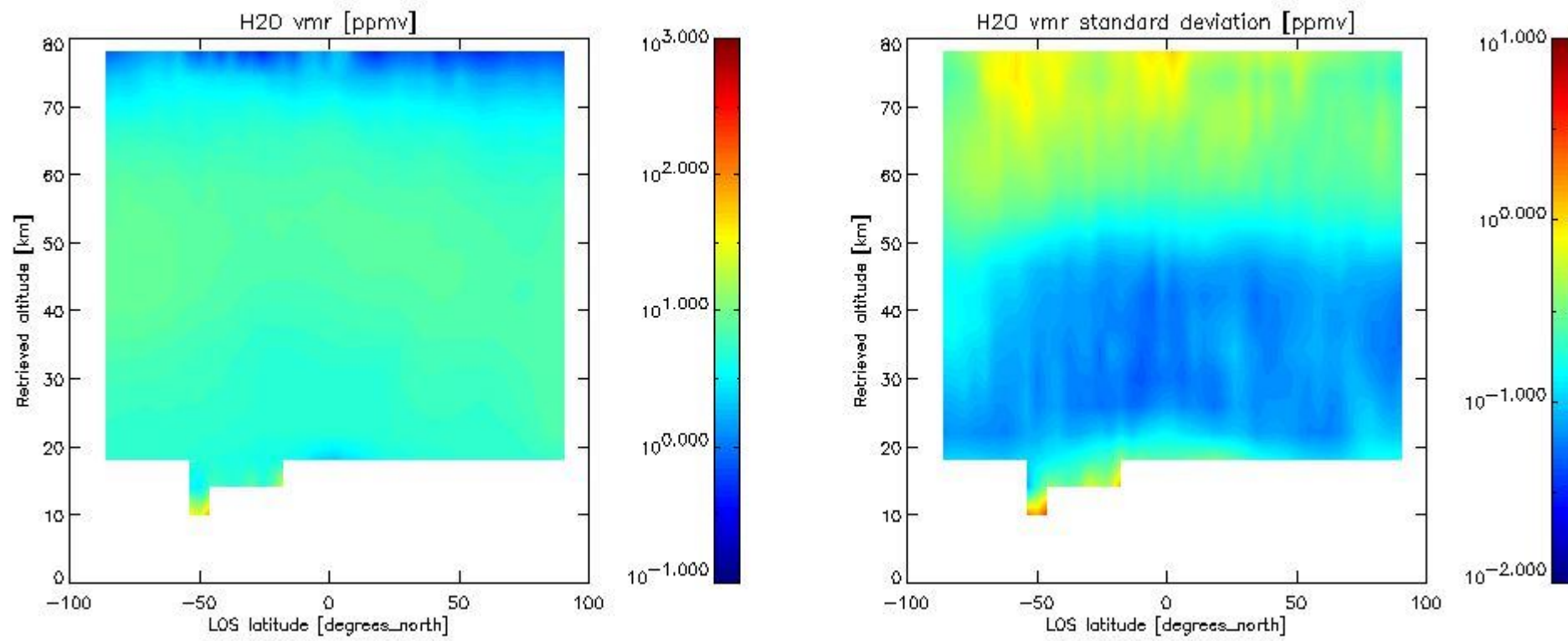
2.2.3 Temperature overview

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

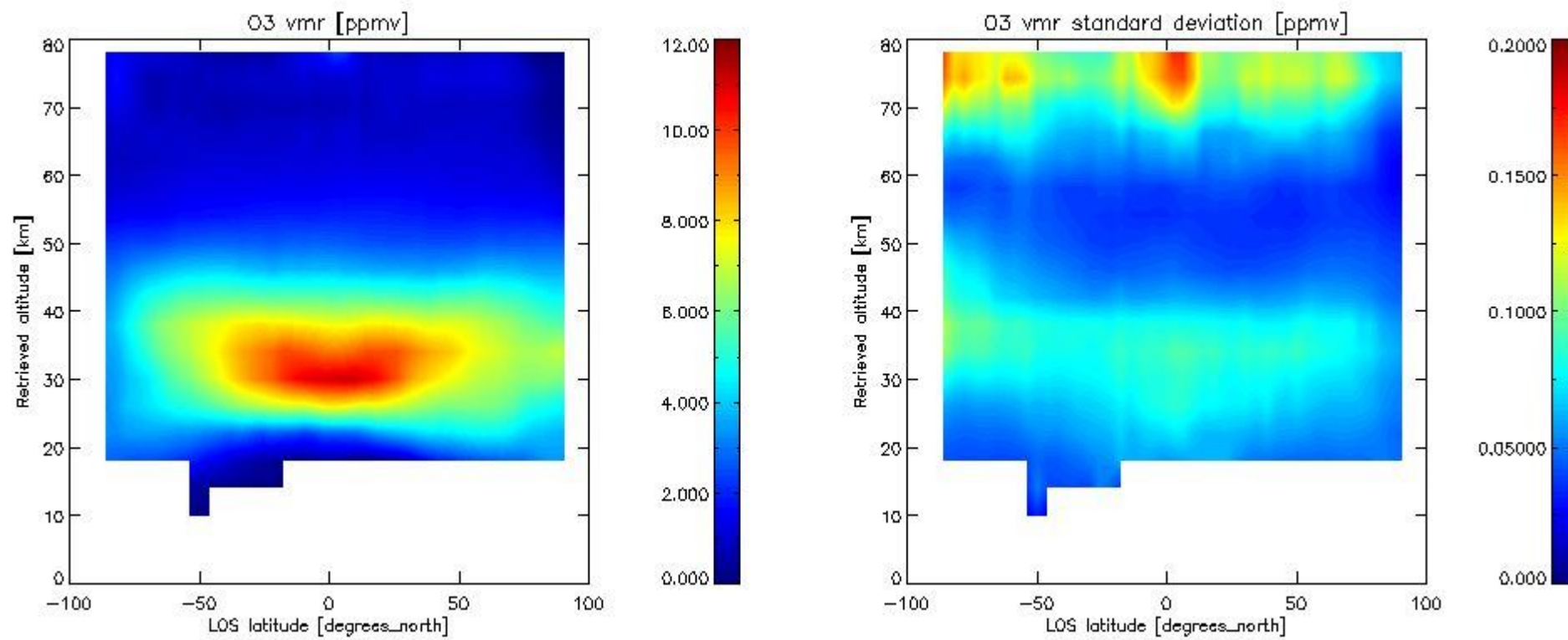


2.2.4 Species overview

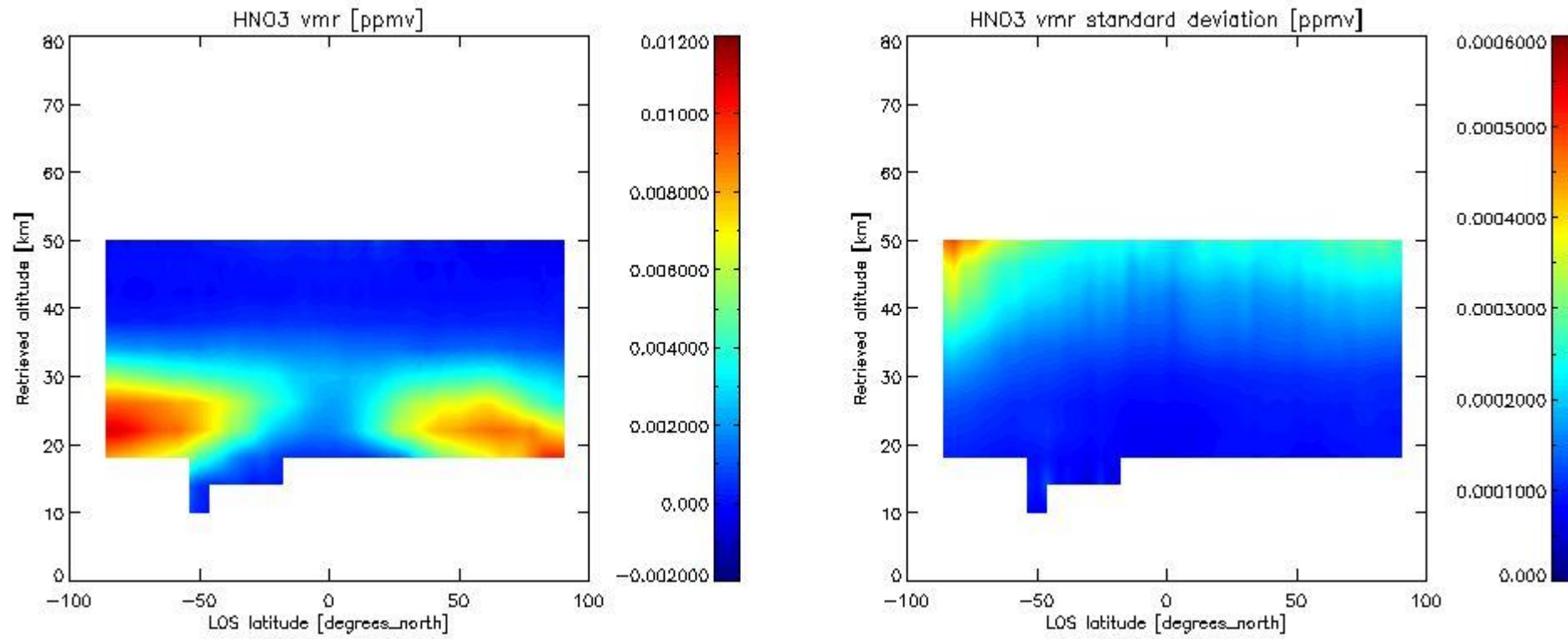
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



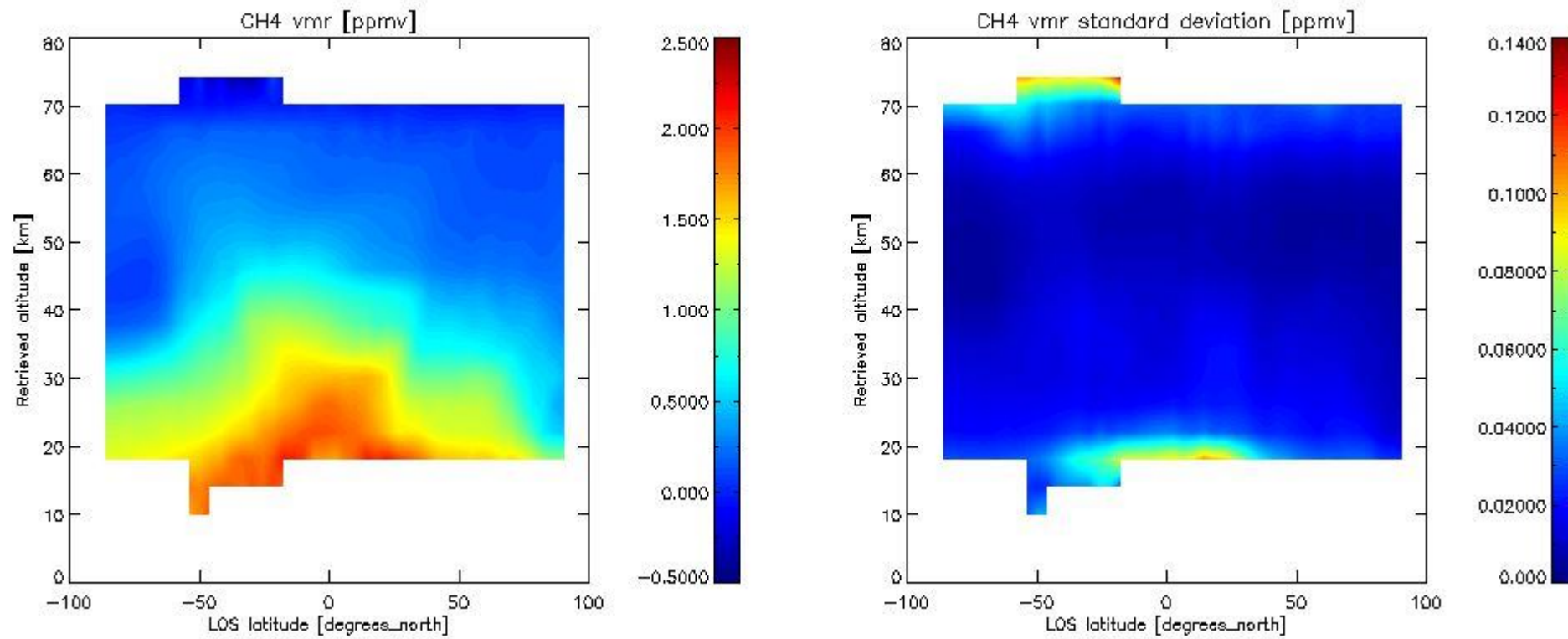
[2.2.4.2 O3 overview](#) This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



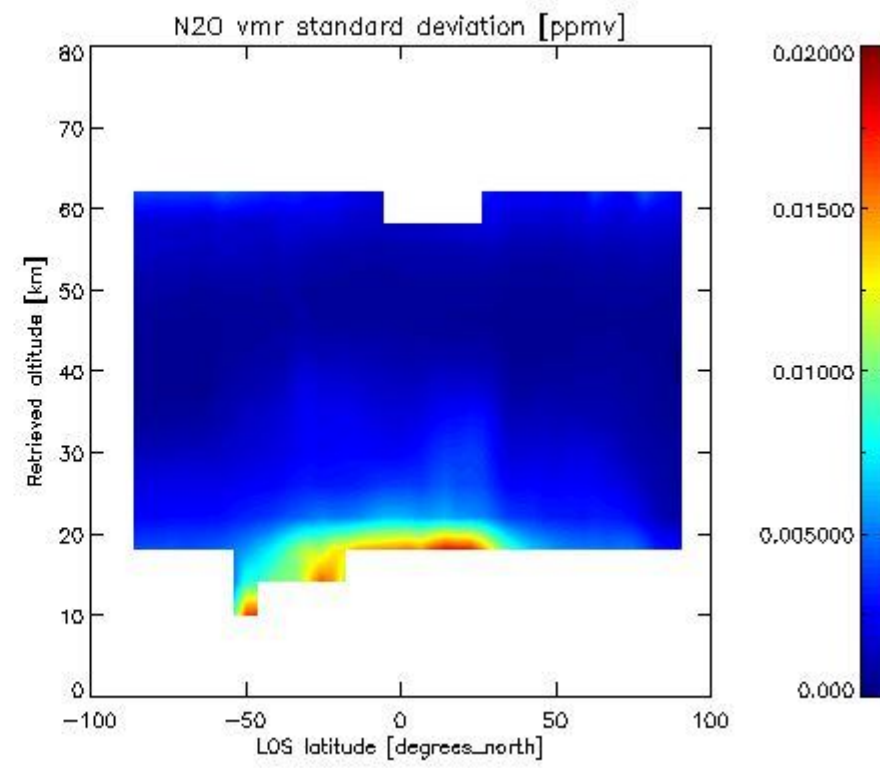
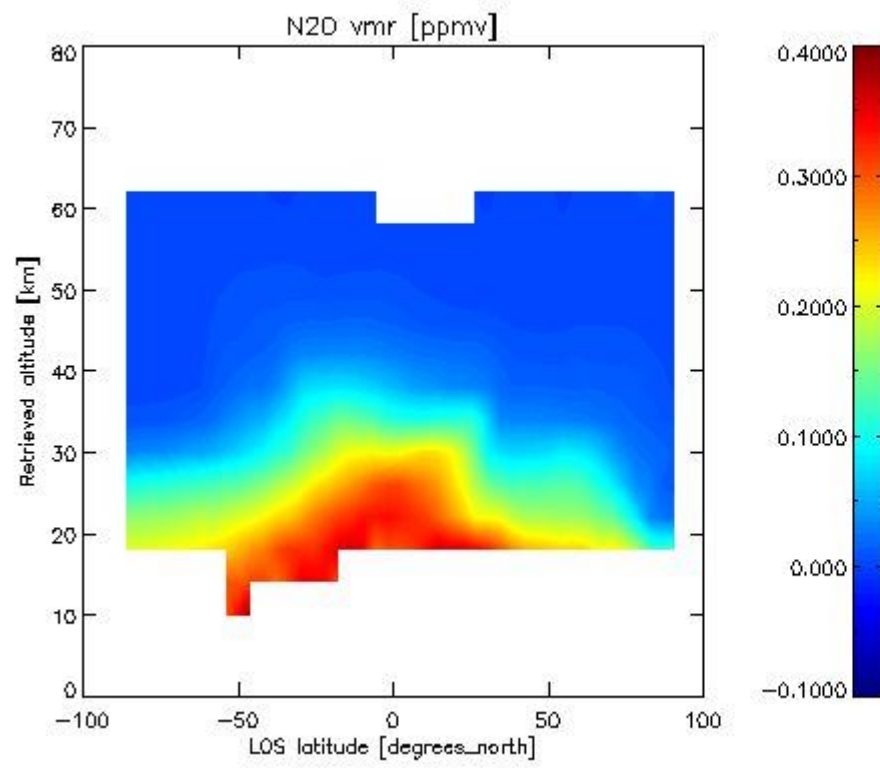
[2.2.4.3 HNO3 overview](#) This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



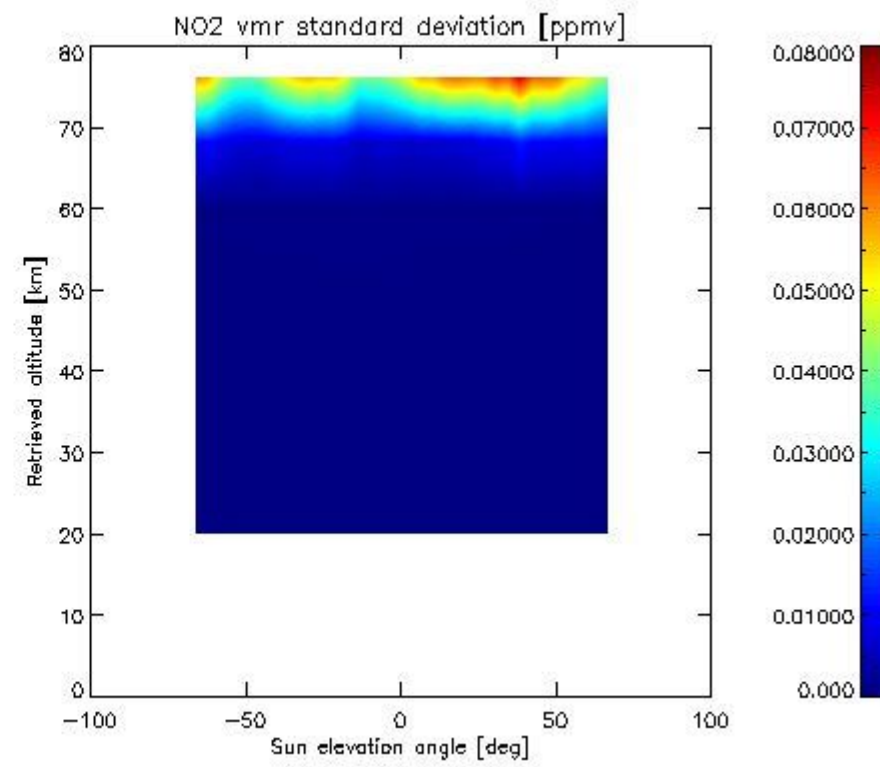
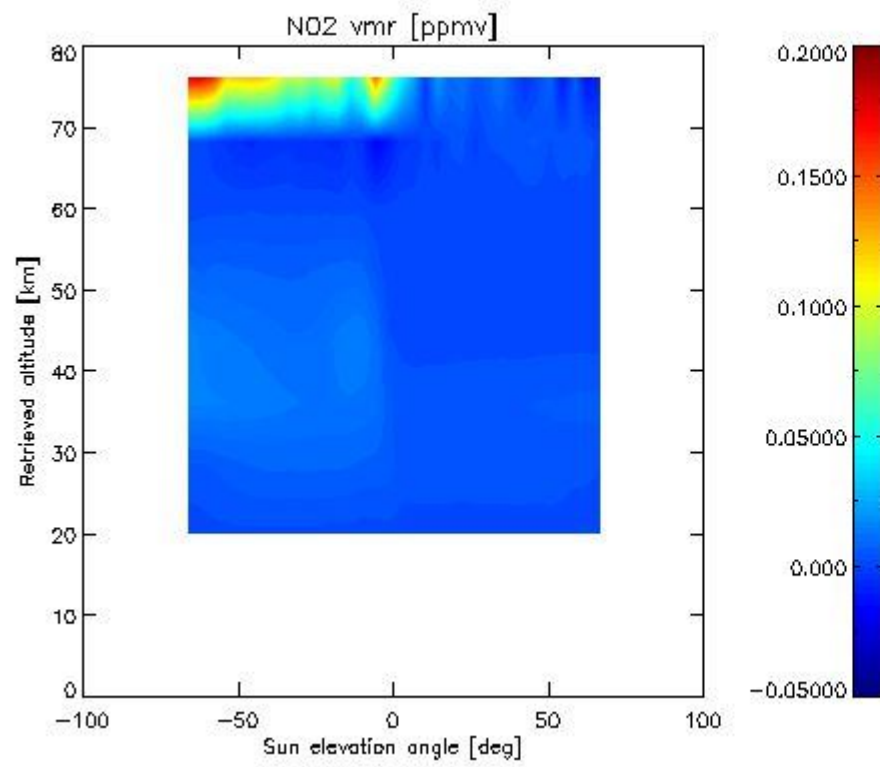
[2.2.4.4 CH4 overview](#) This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



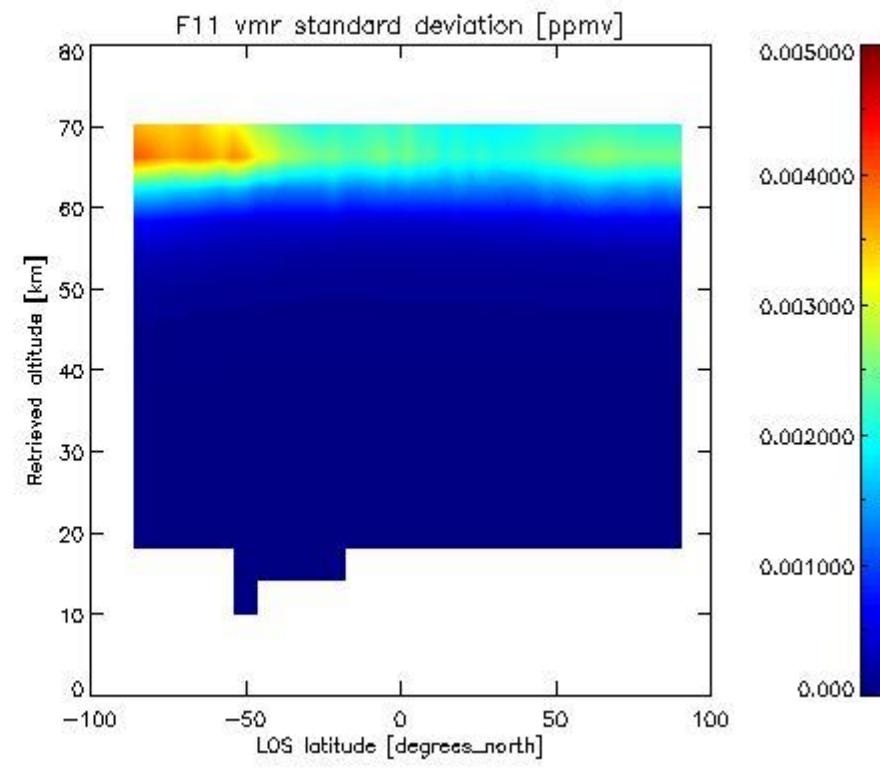
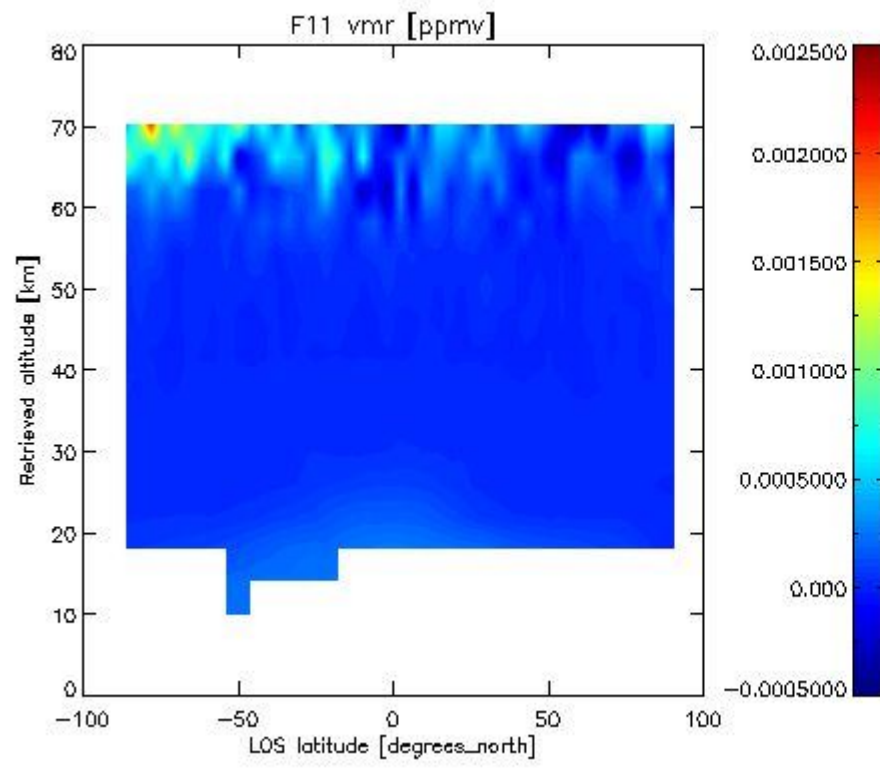
[2.2.4.5 N2O overview](#) This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



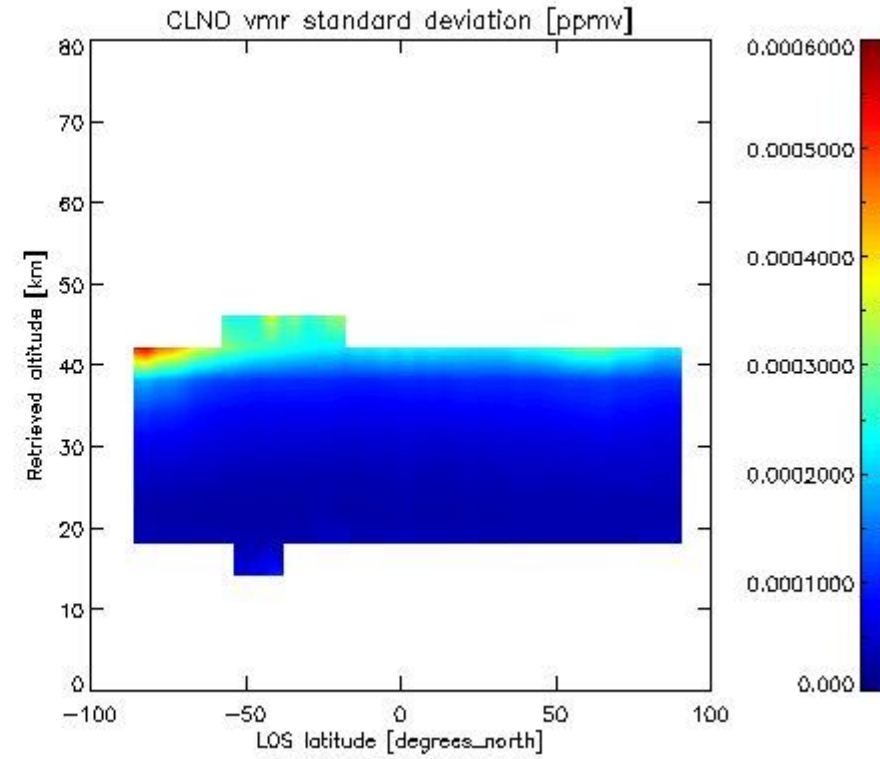
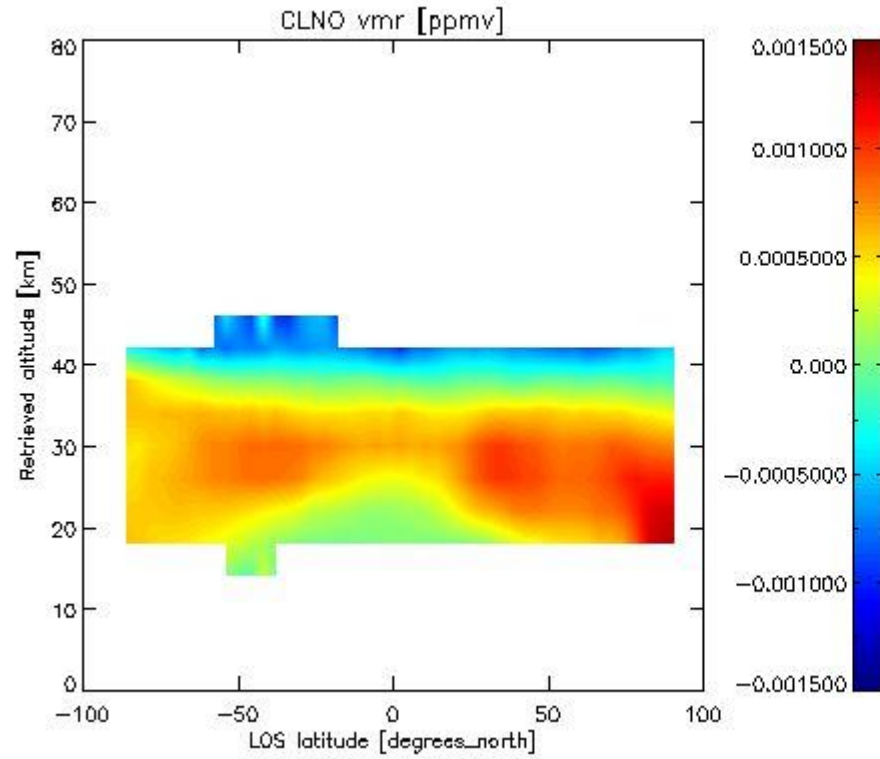
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 8 km.



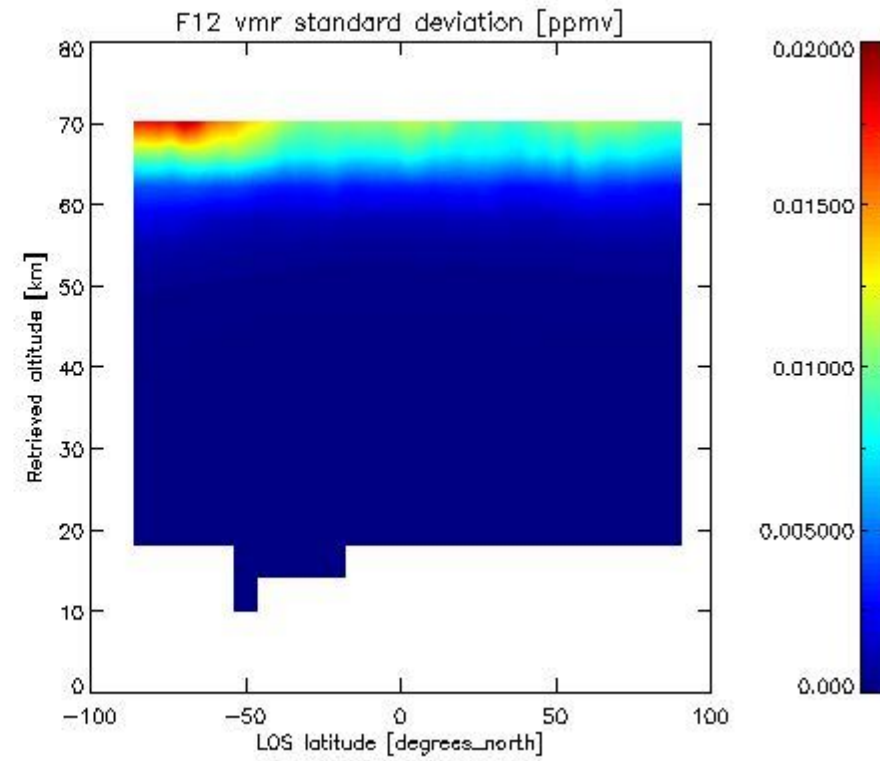
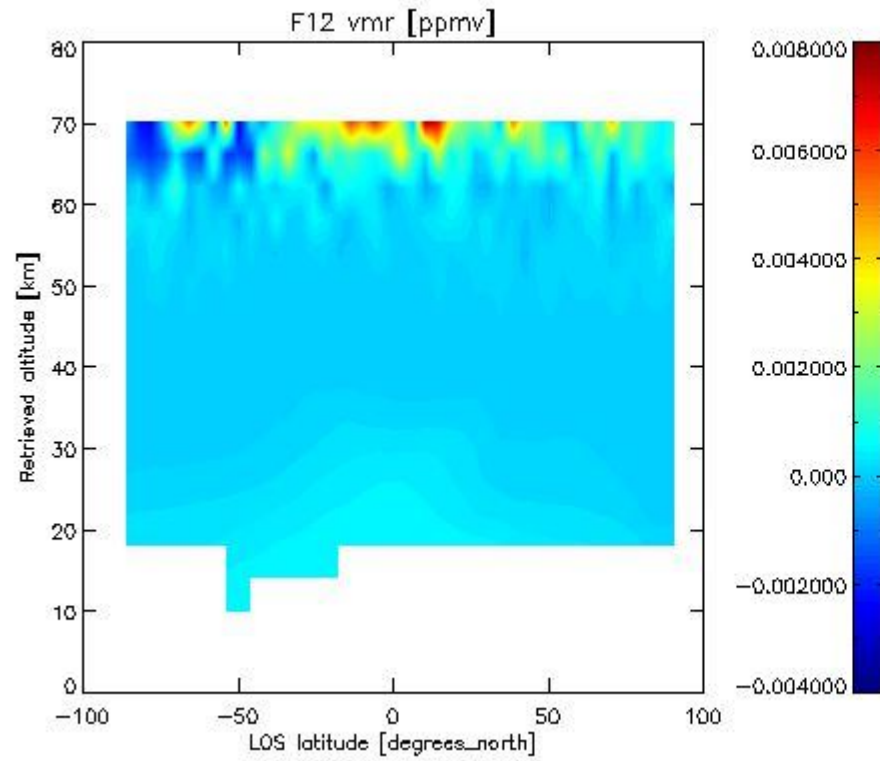
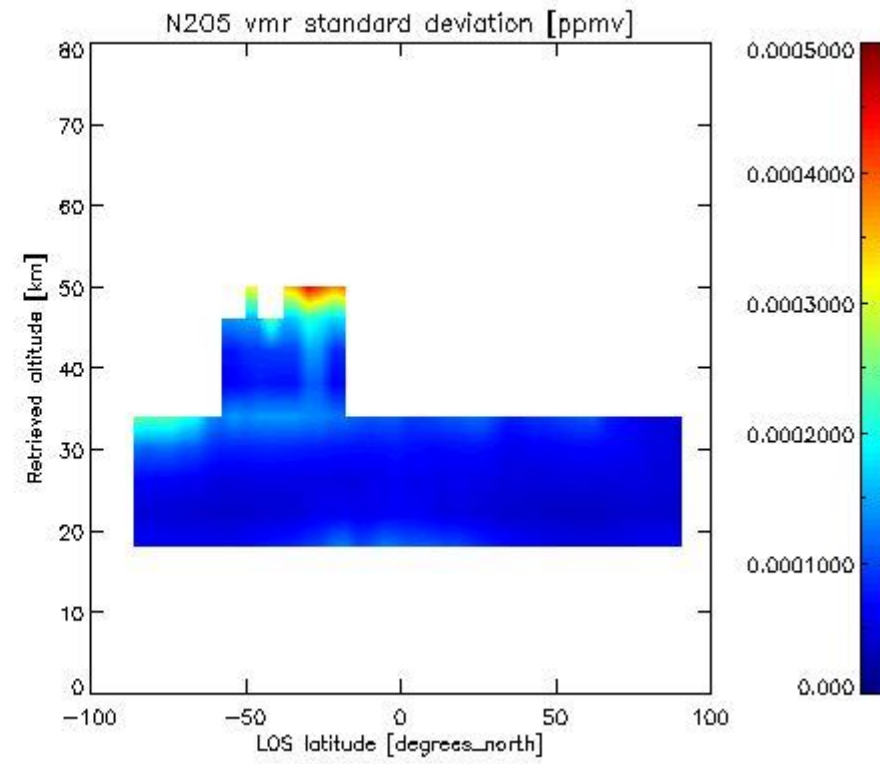
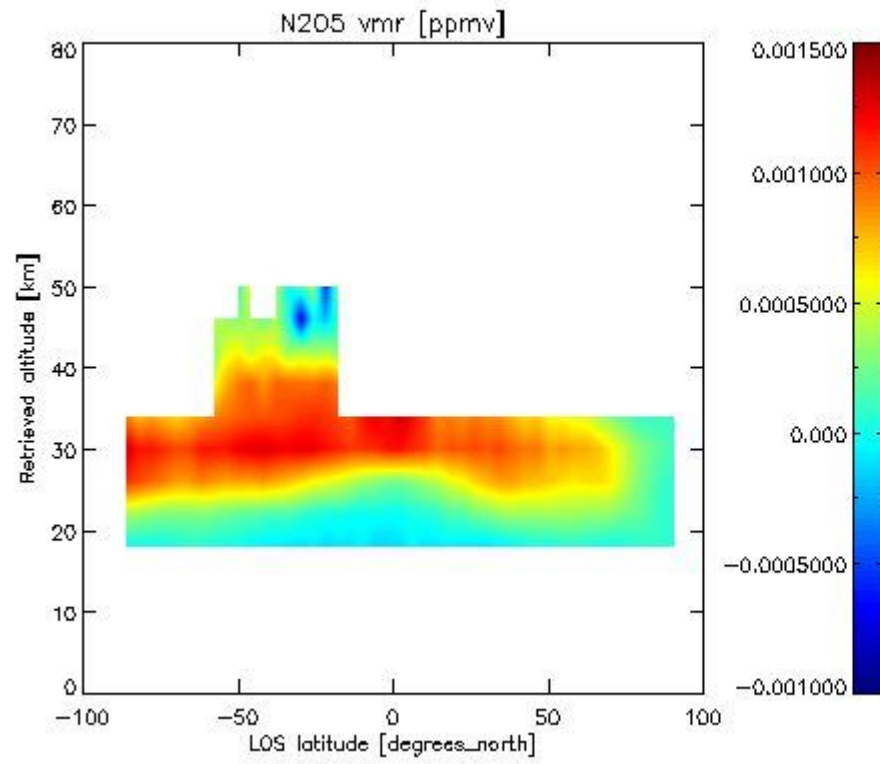
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

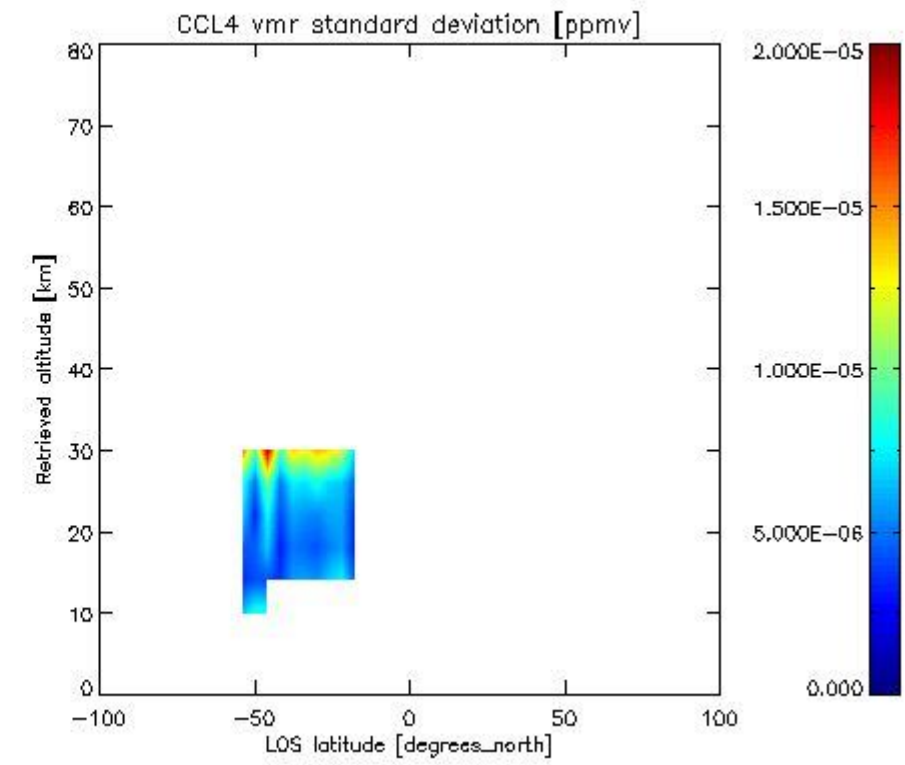
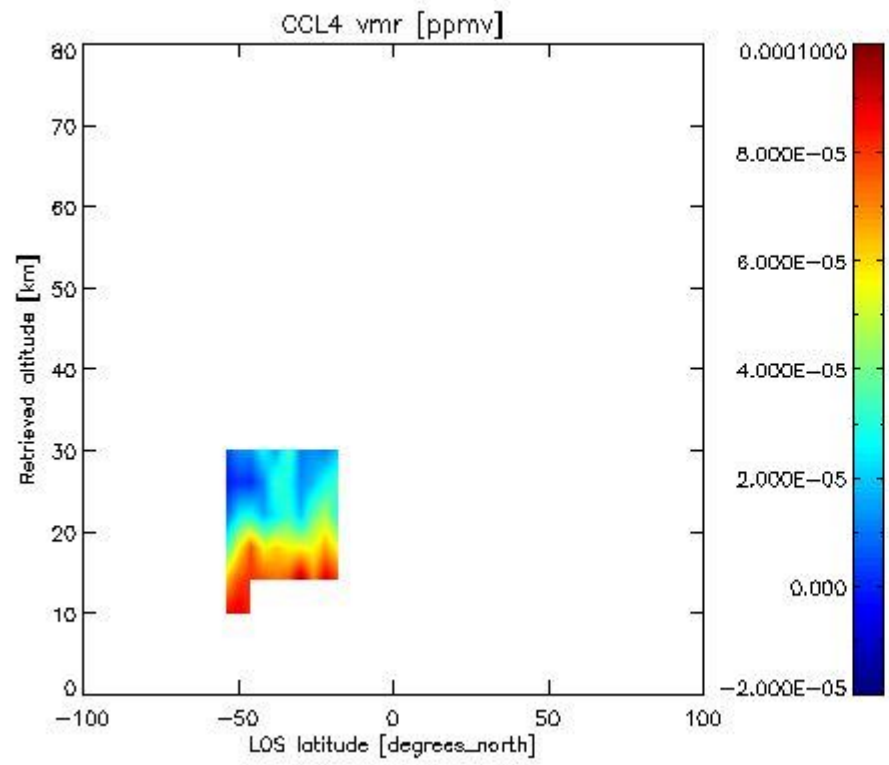
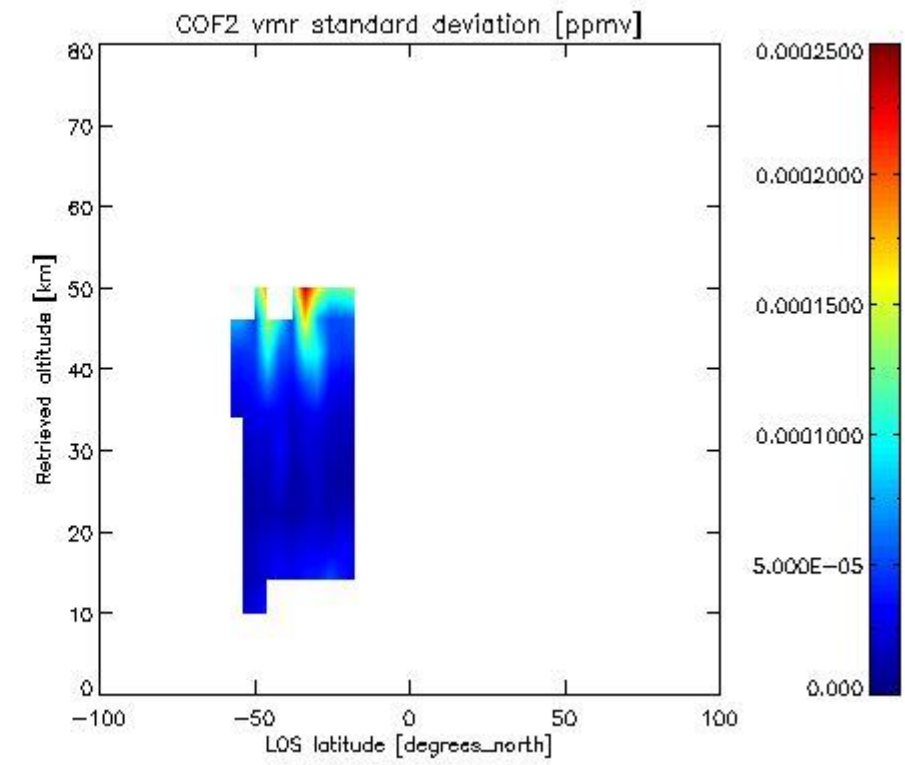
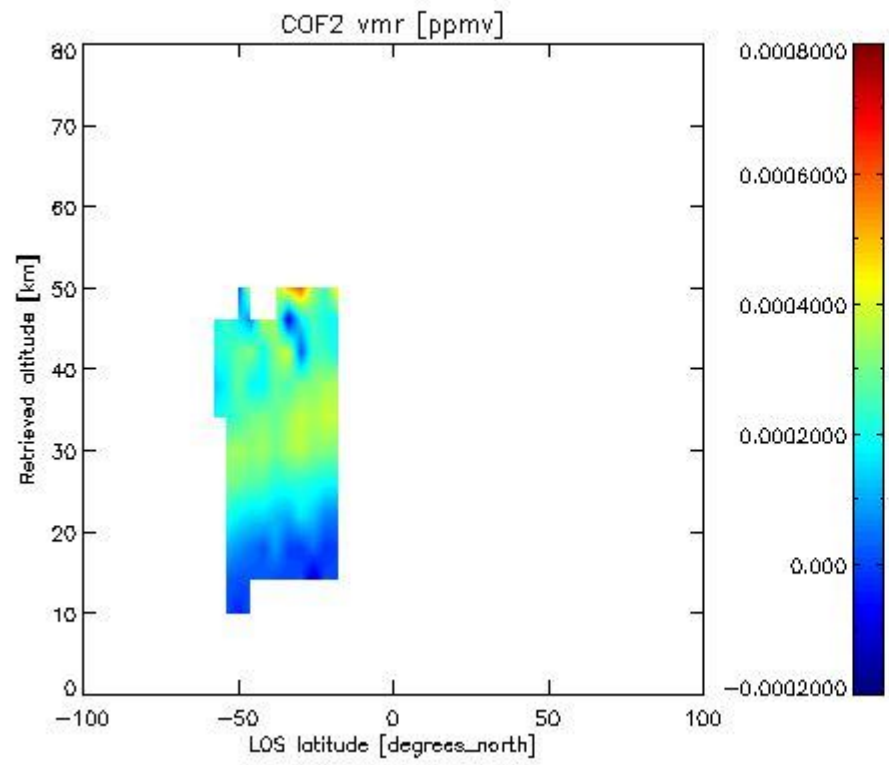


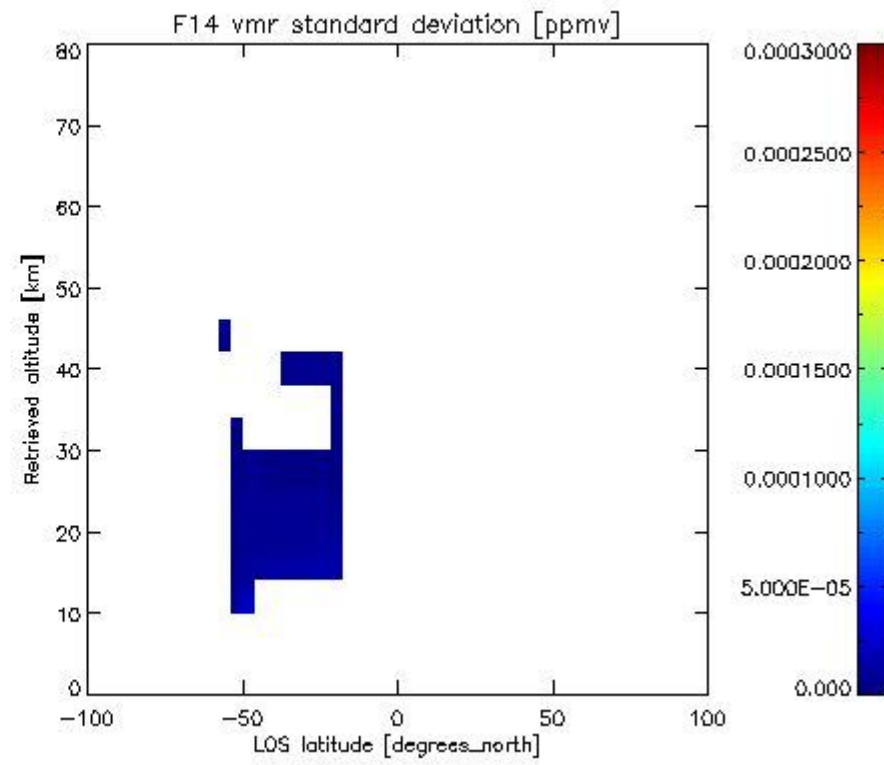
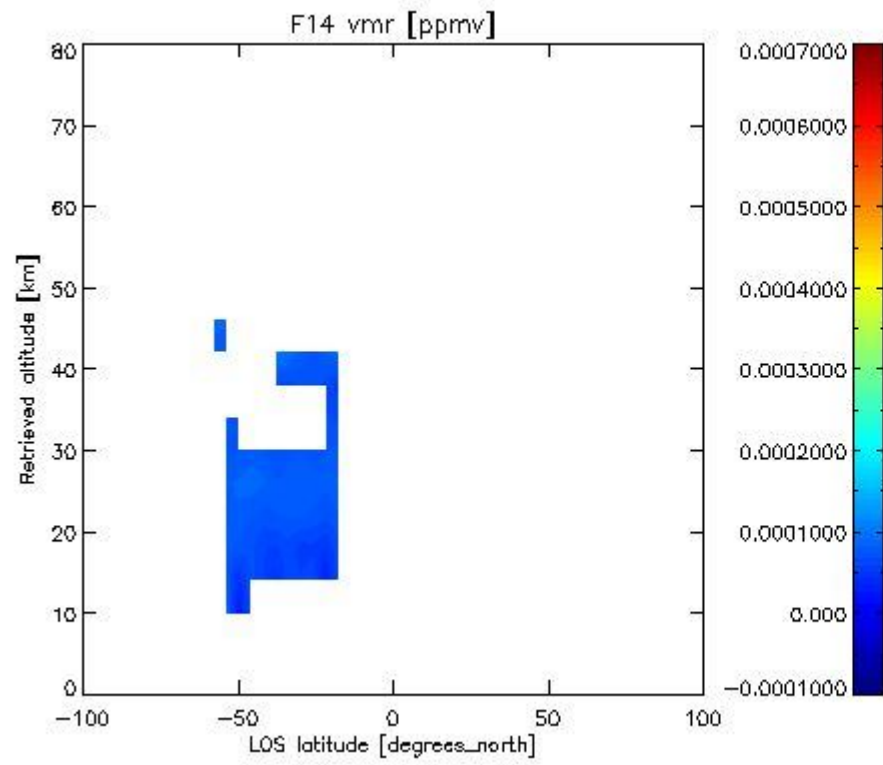
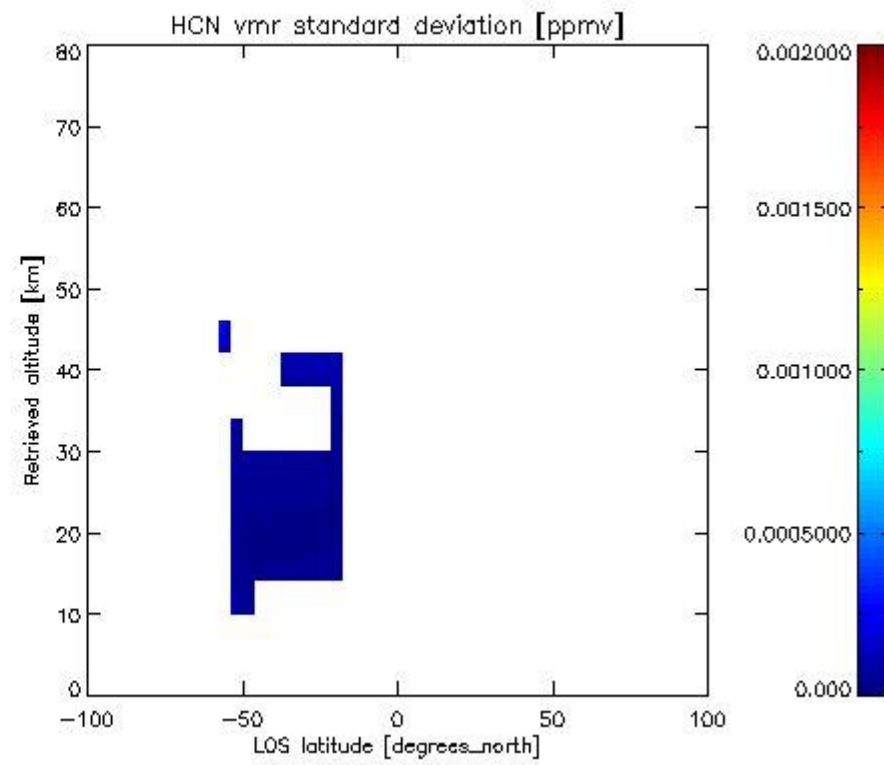
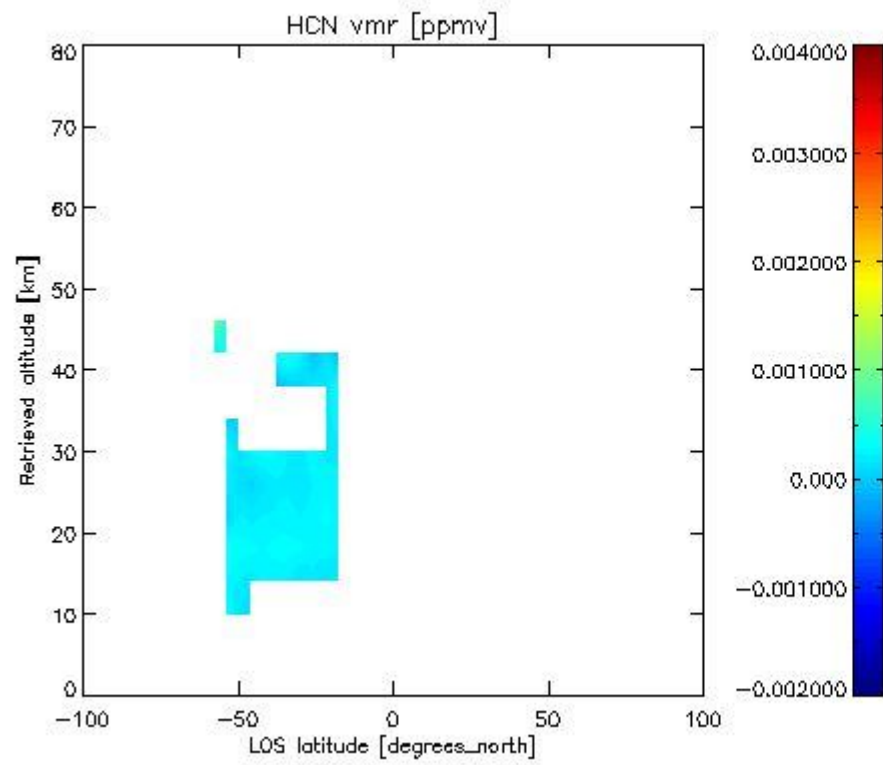
2.3.8 CLNO version This section shows values (left) and error (right) for CLNO after binning individual average values over retrieved altitude and target latitude.

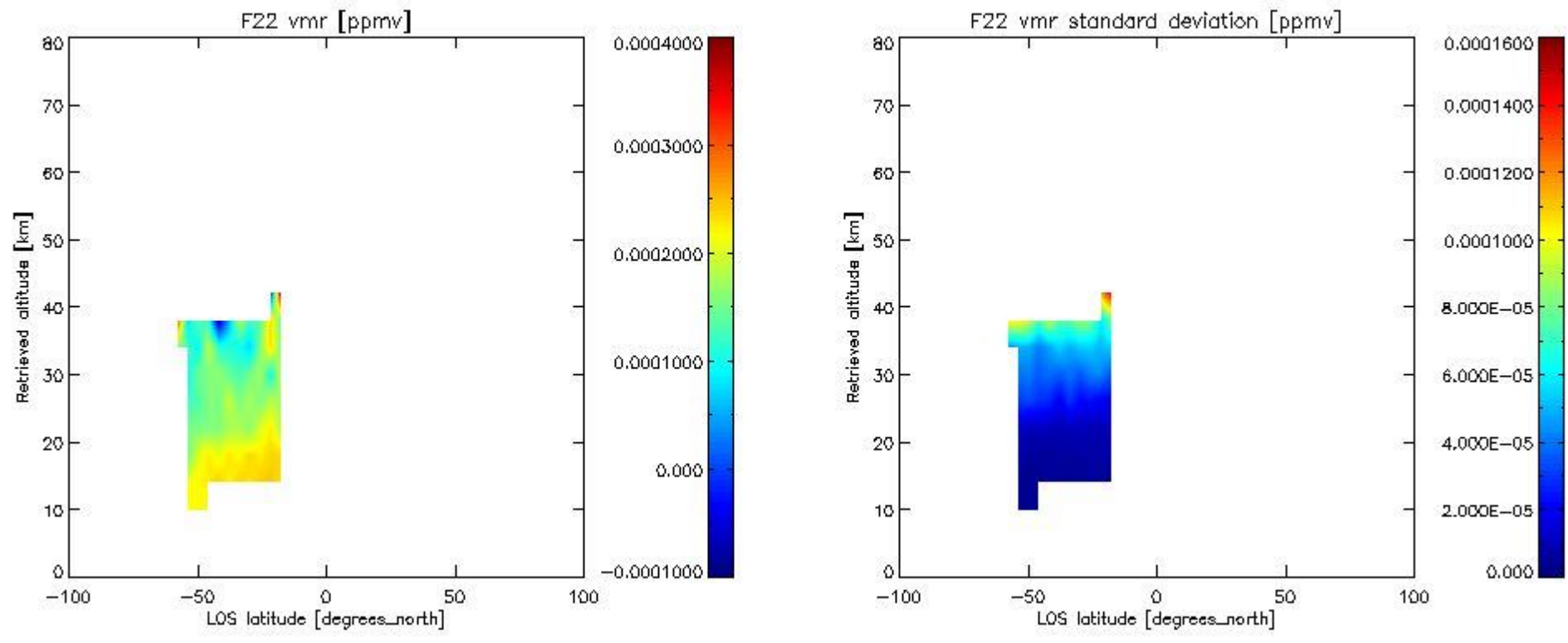


CLNO version 2.3.8

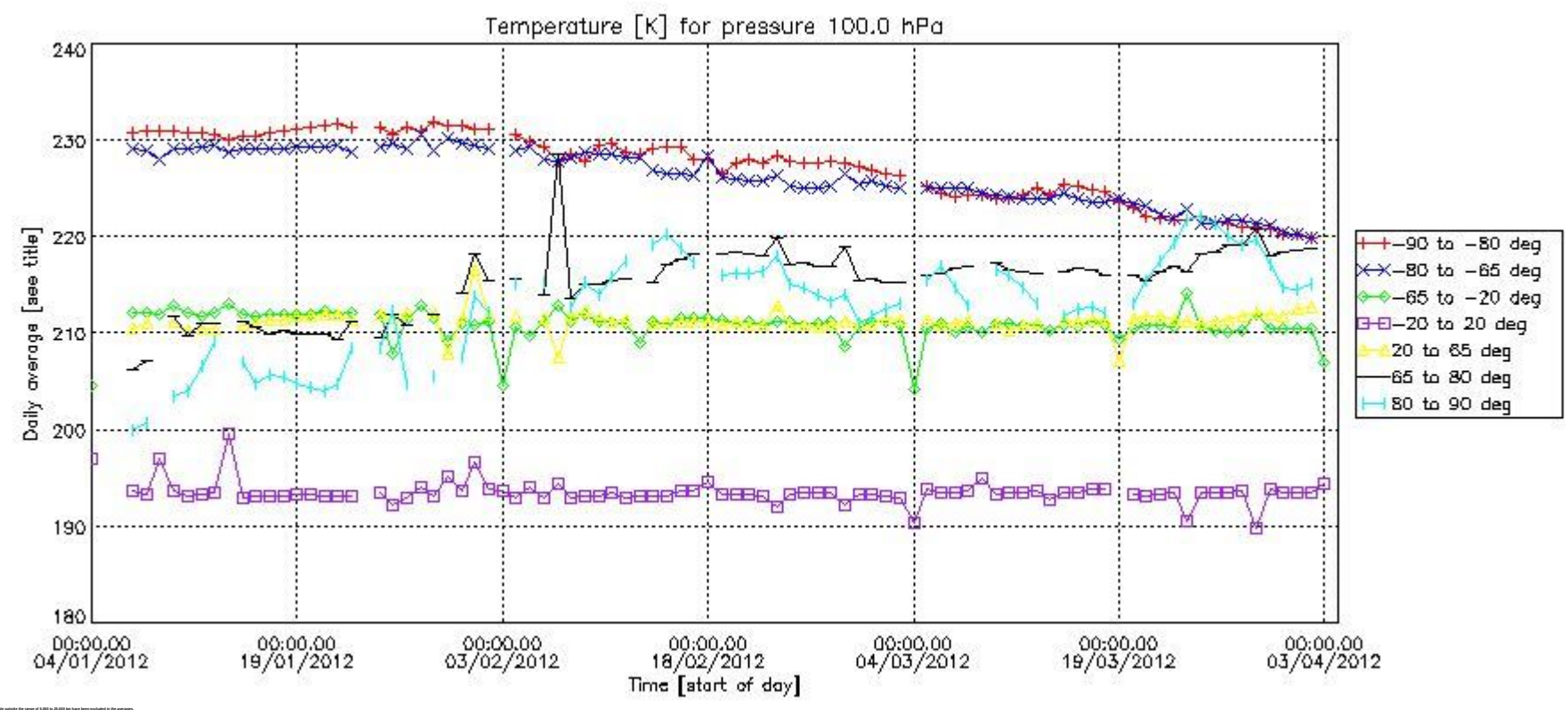




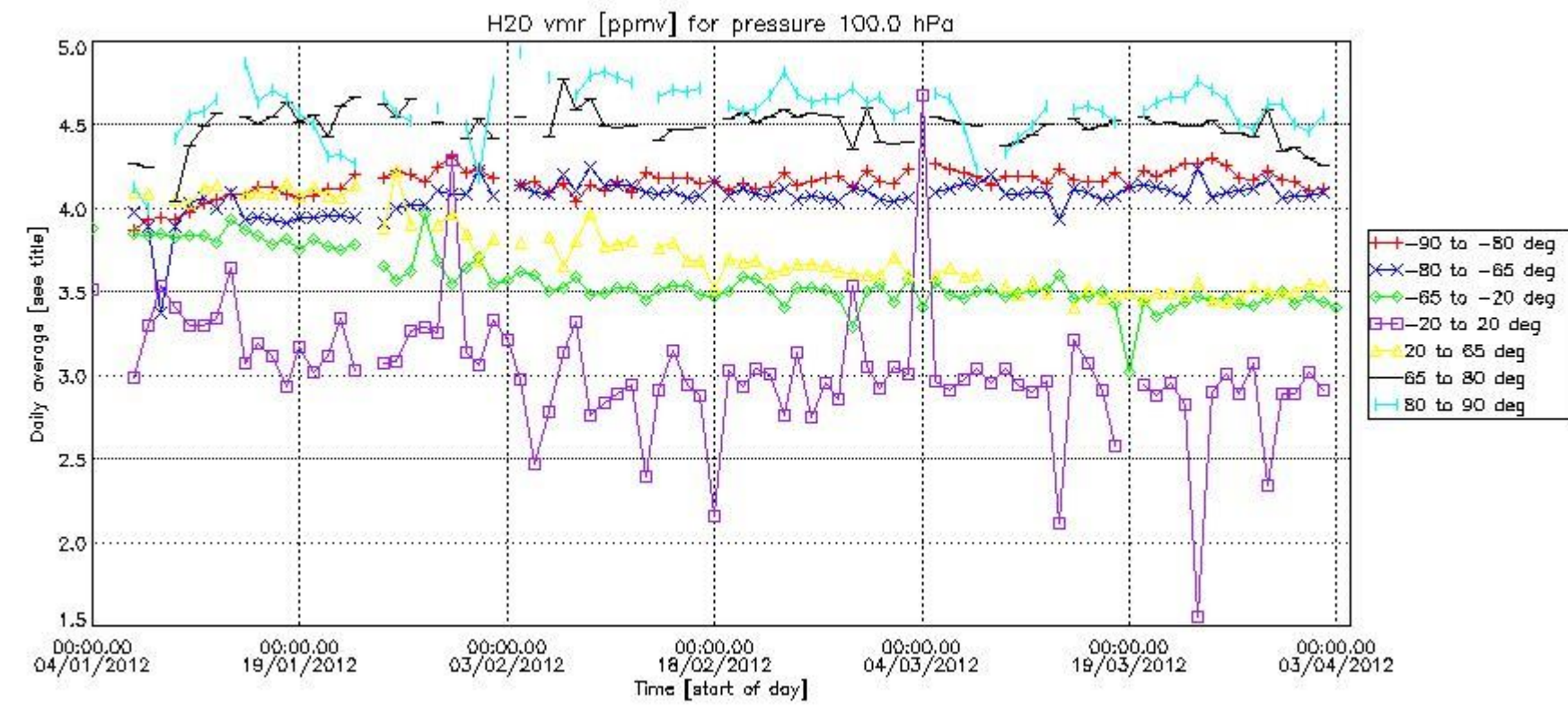
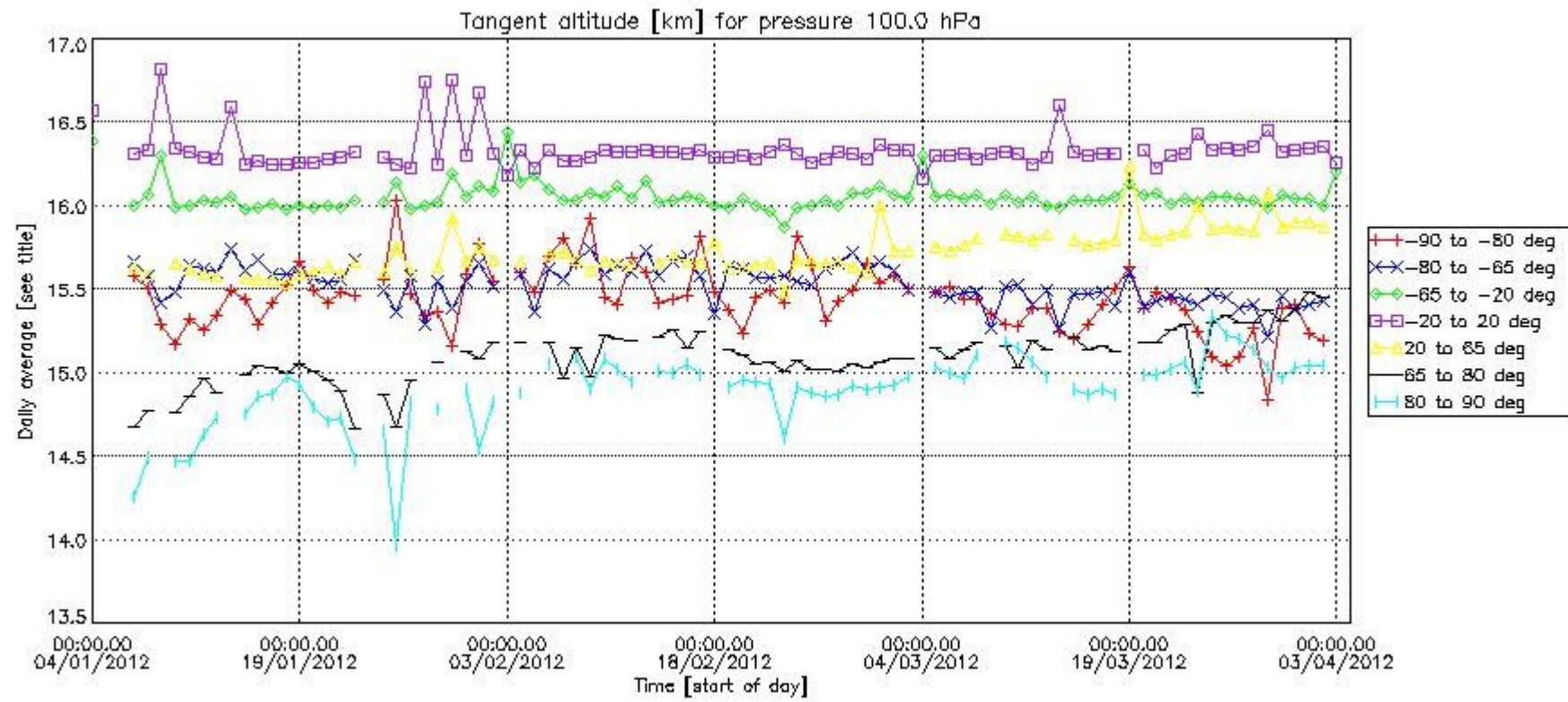


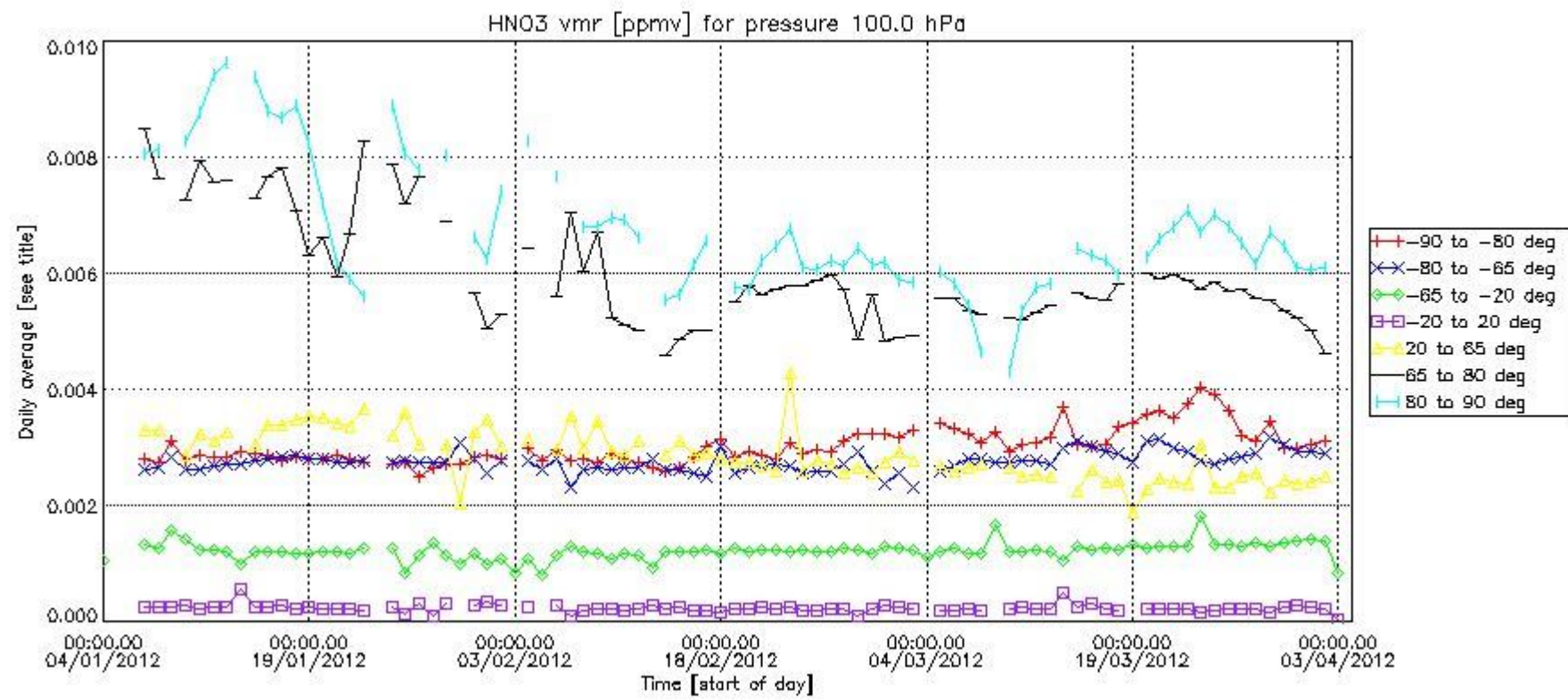
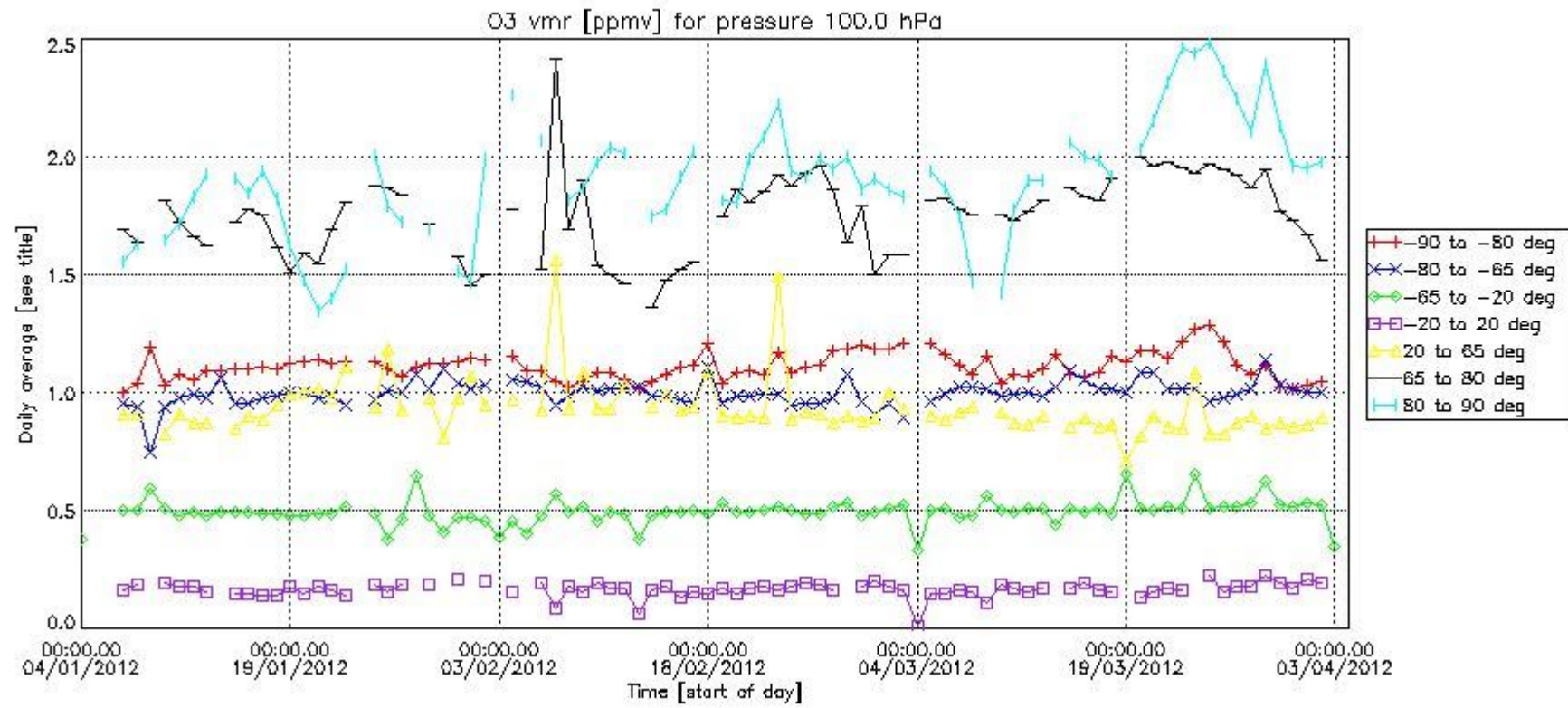


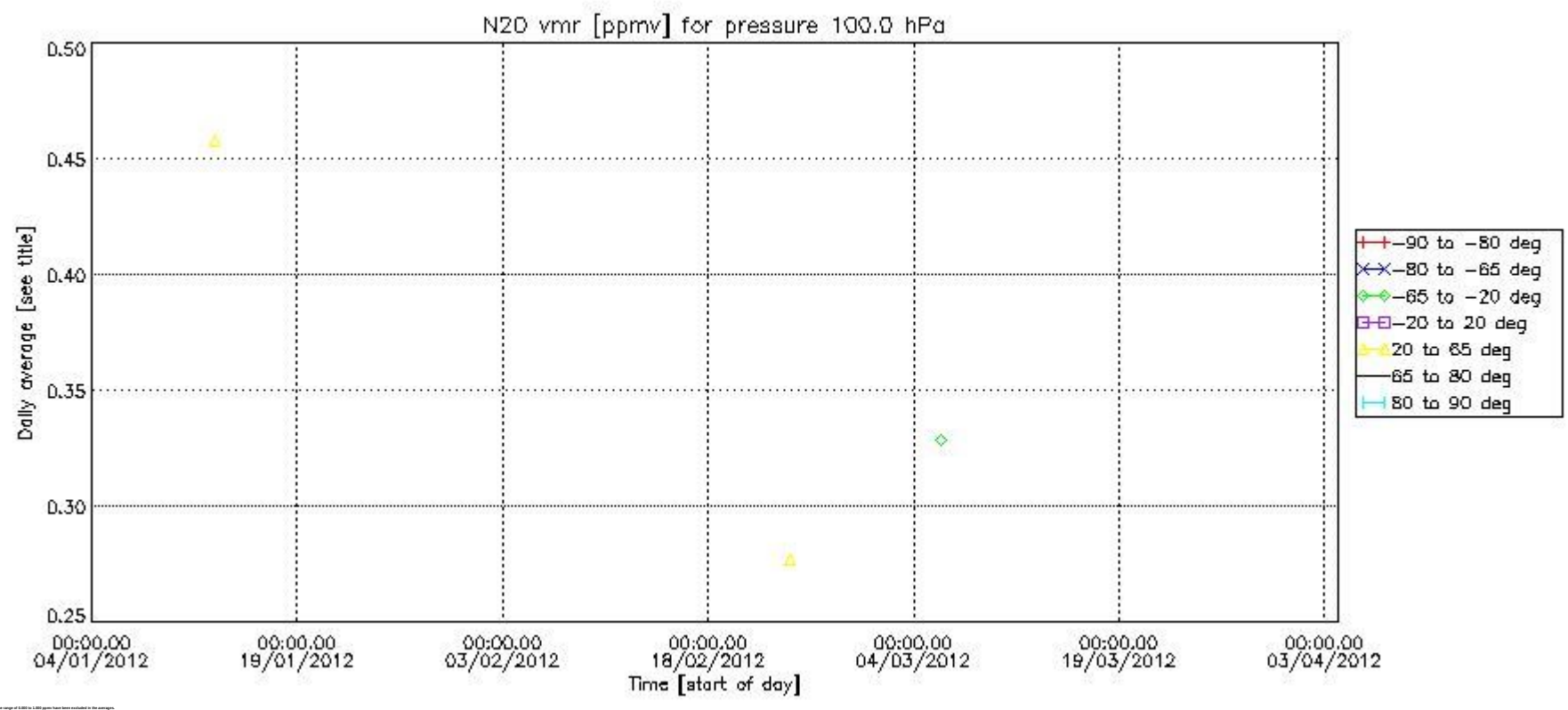
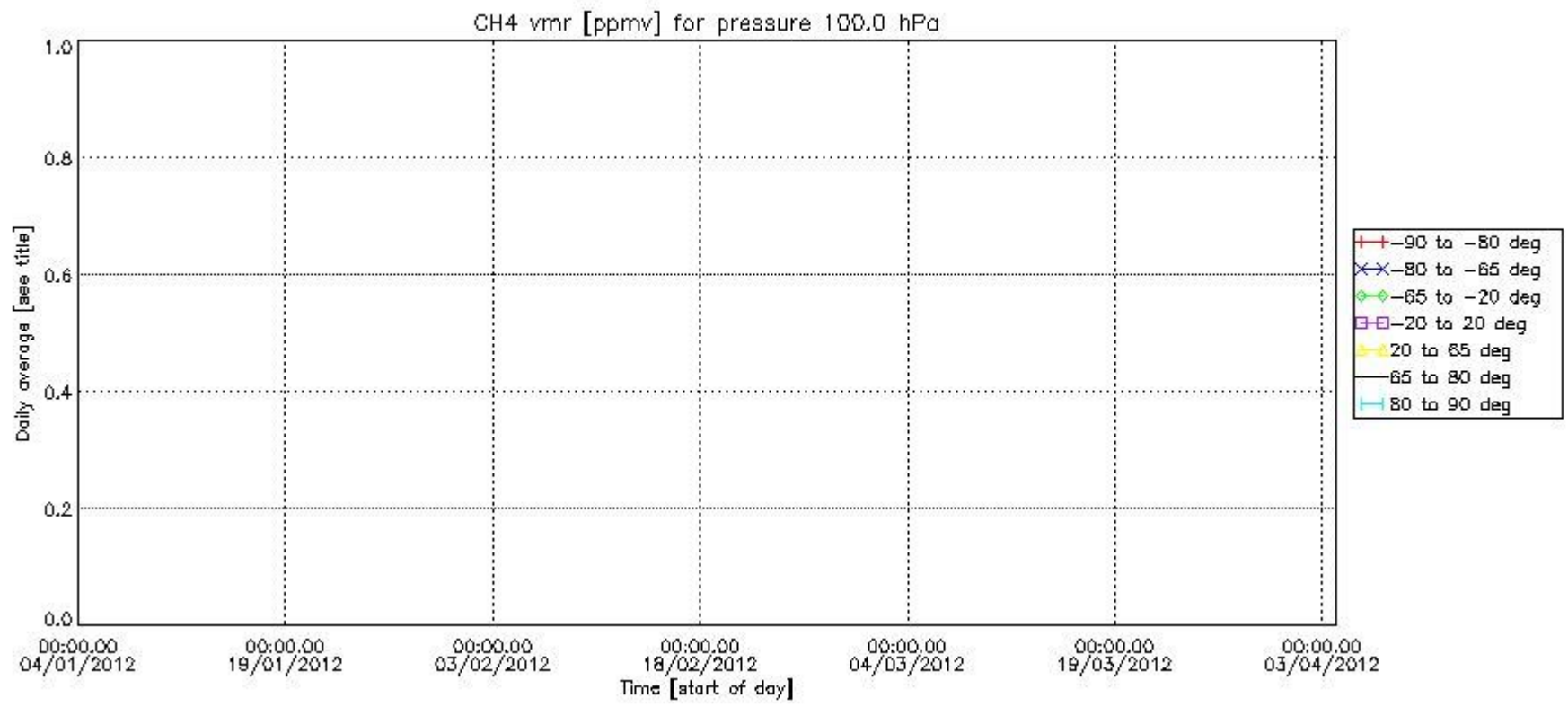
[Download plot](#)
[Download data](#)
[Download metadata](#)

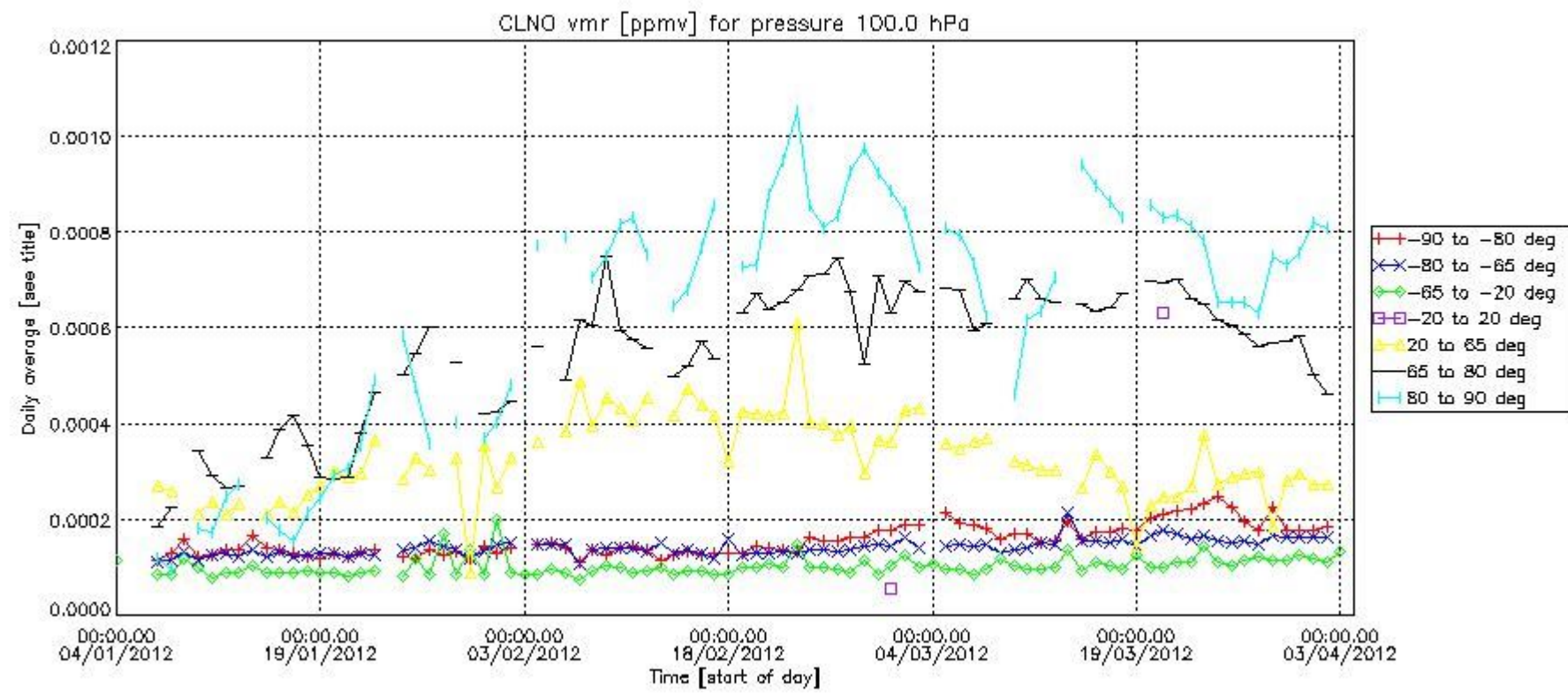
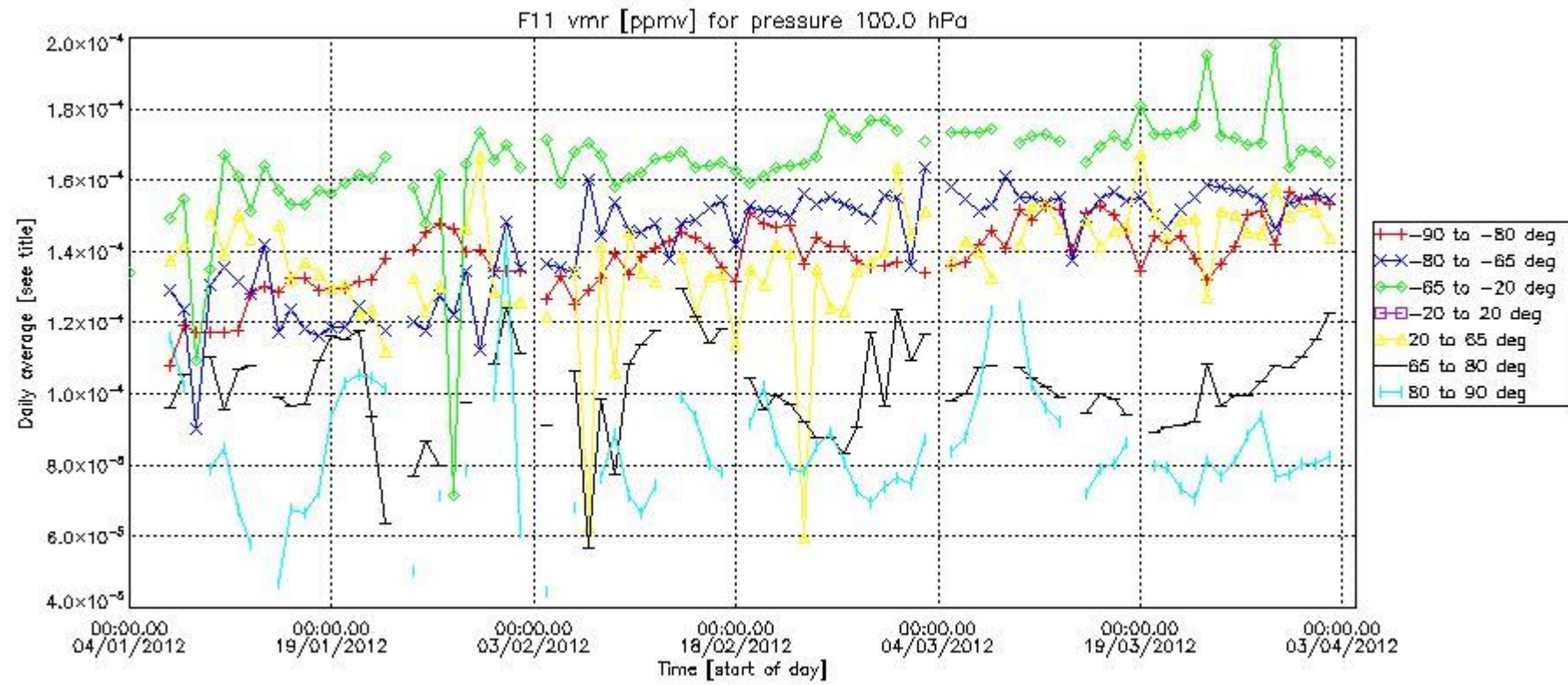


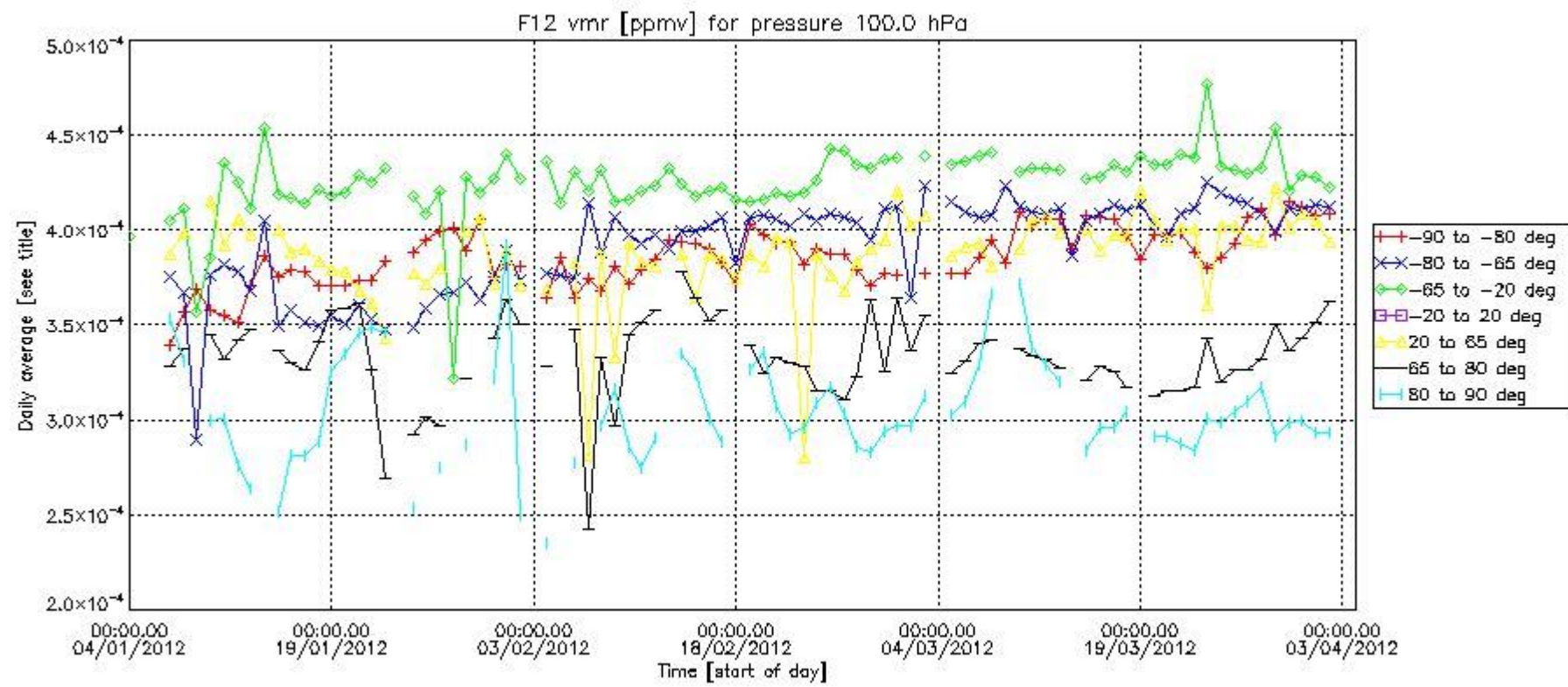
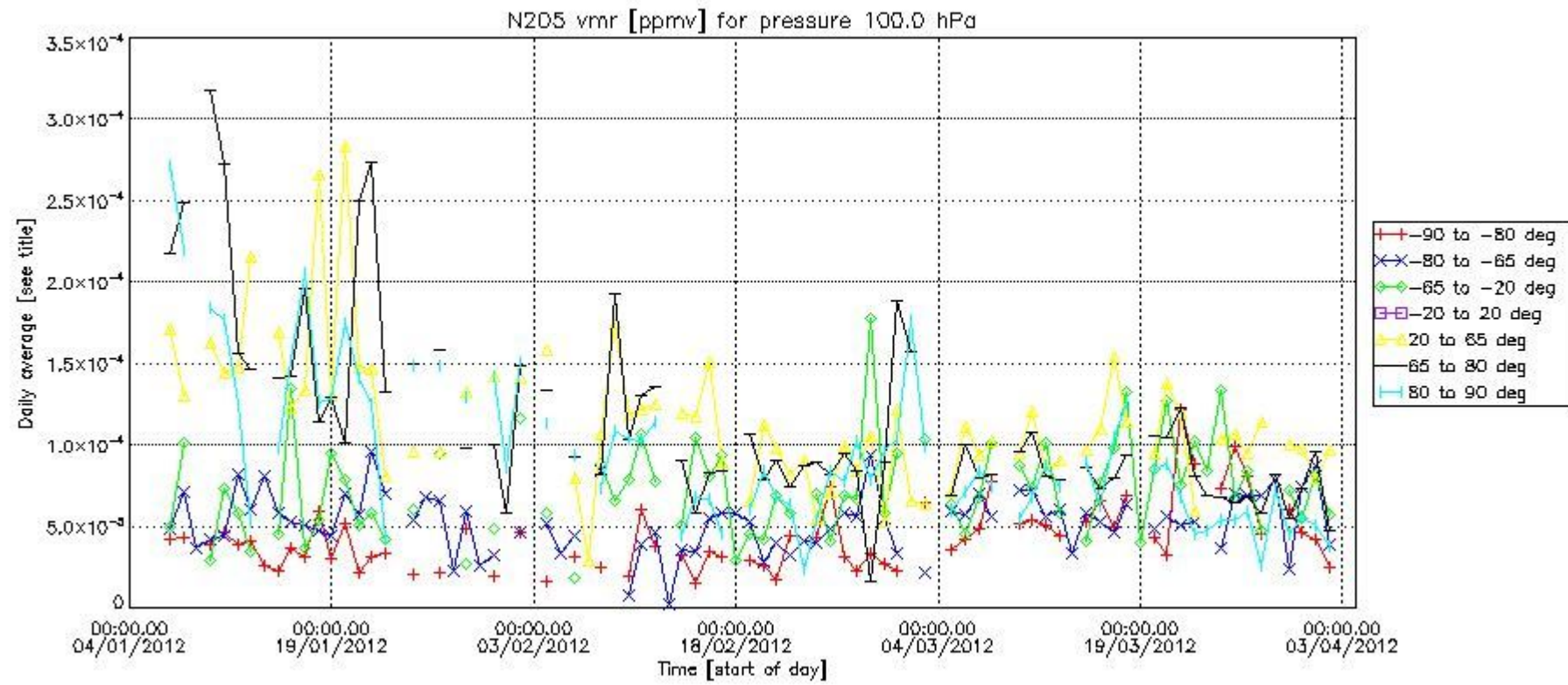
[Download plot](#)

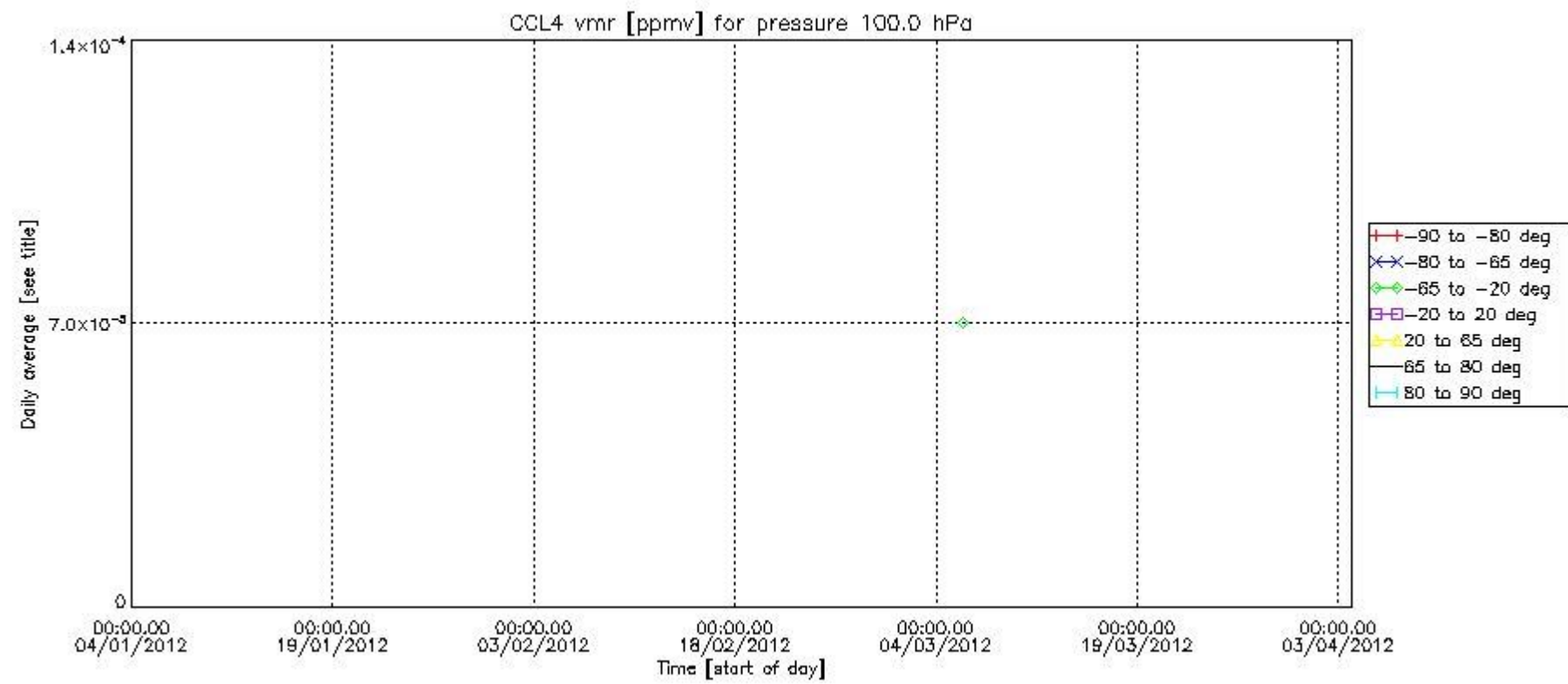
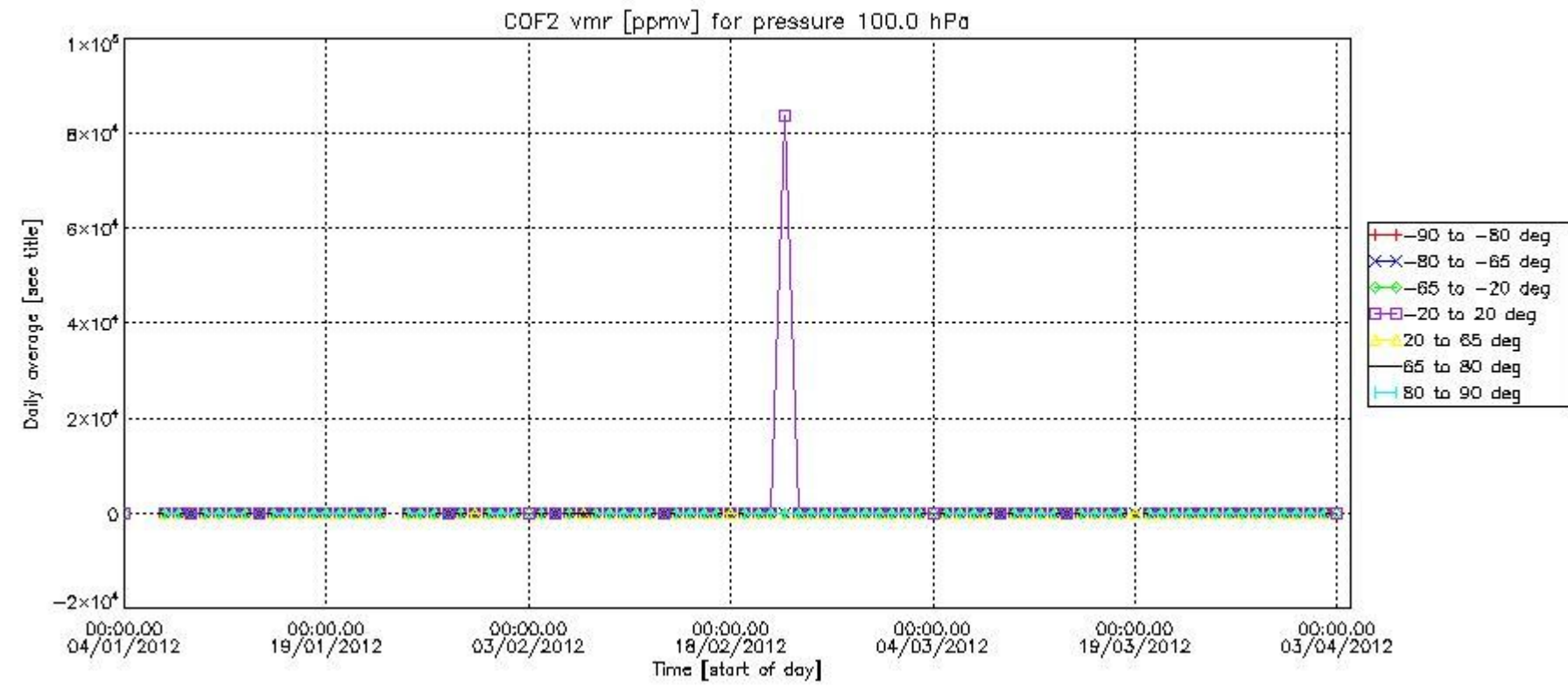


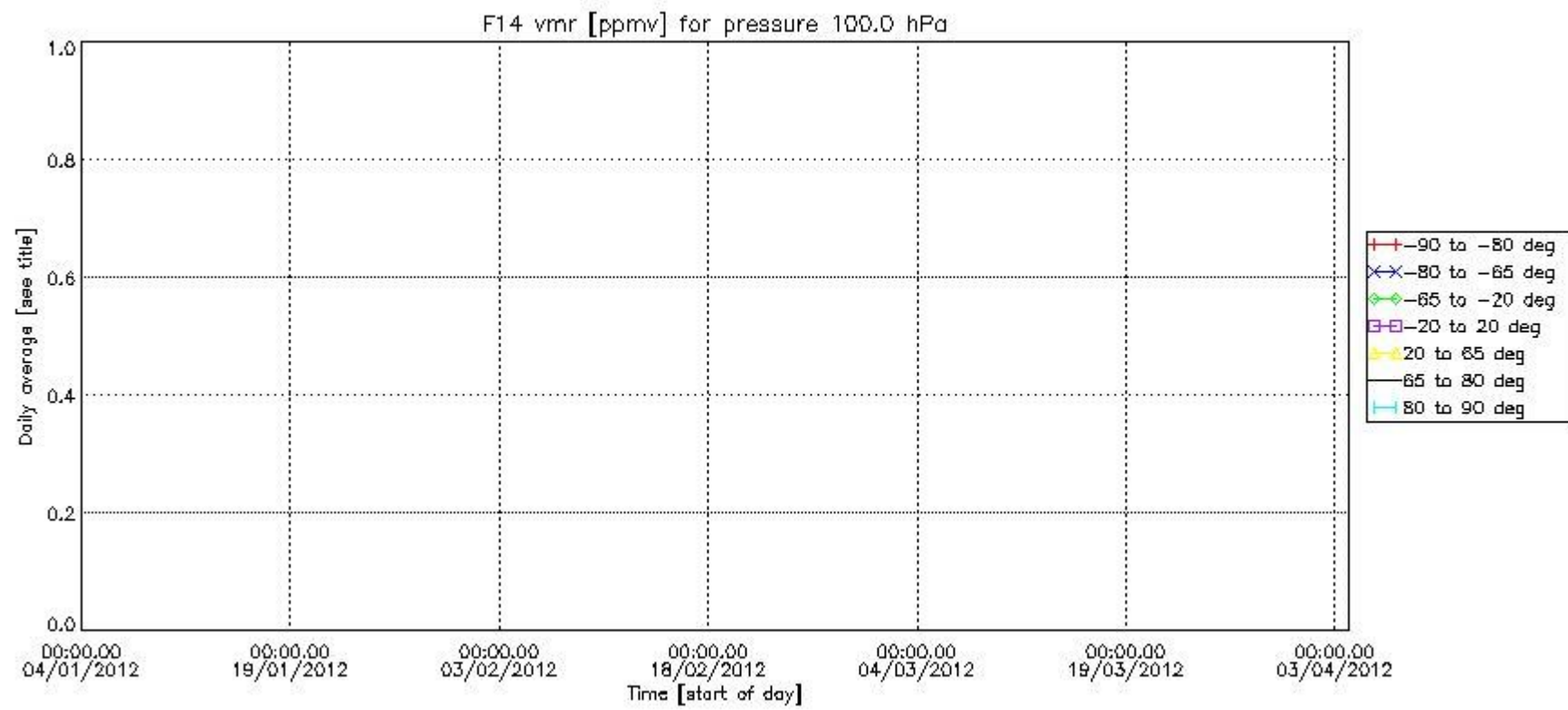
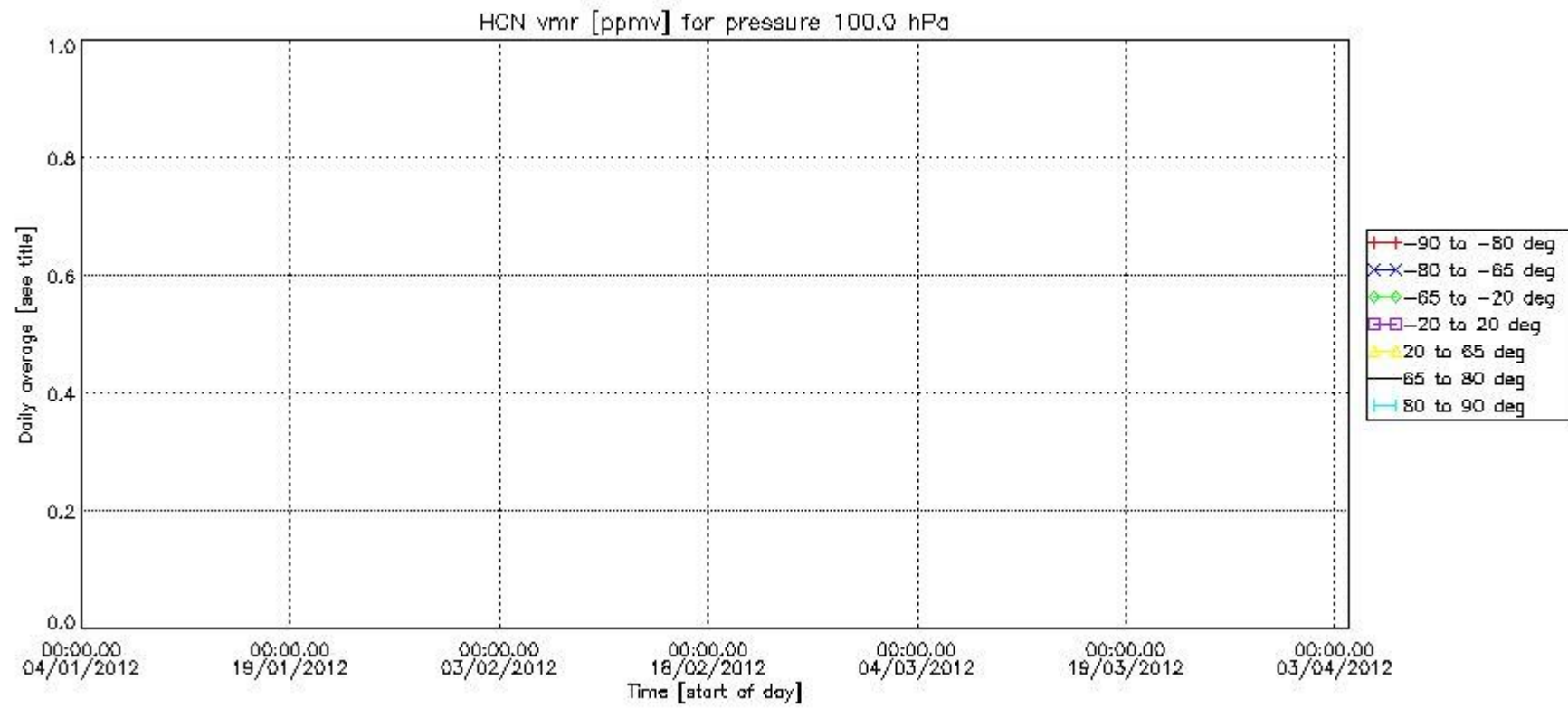


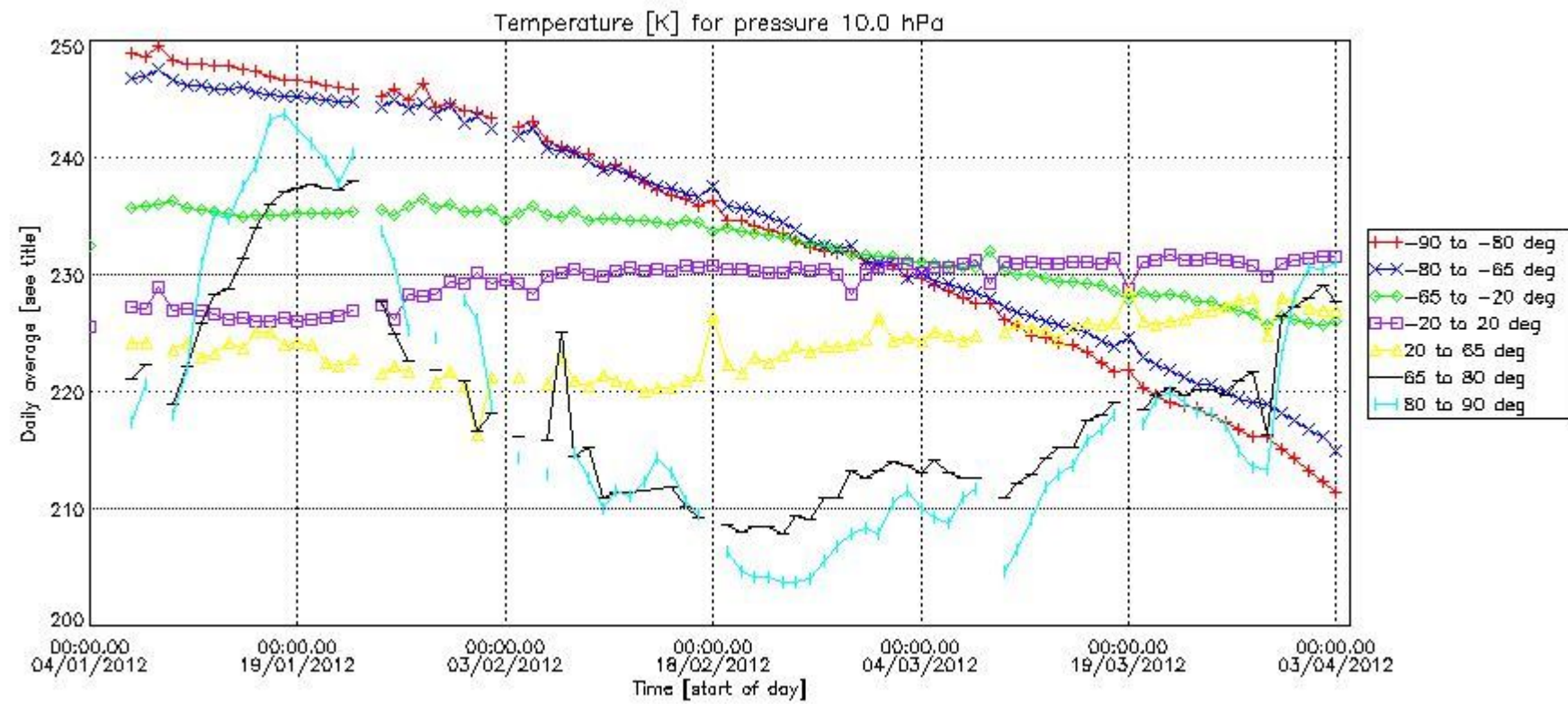
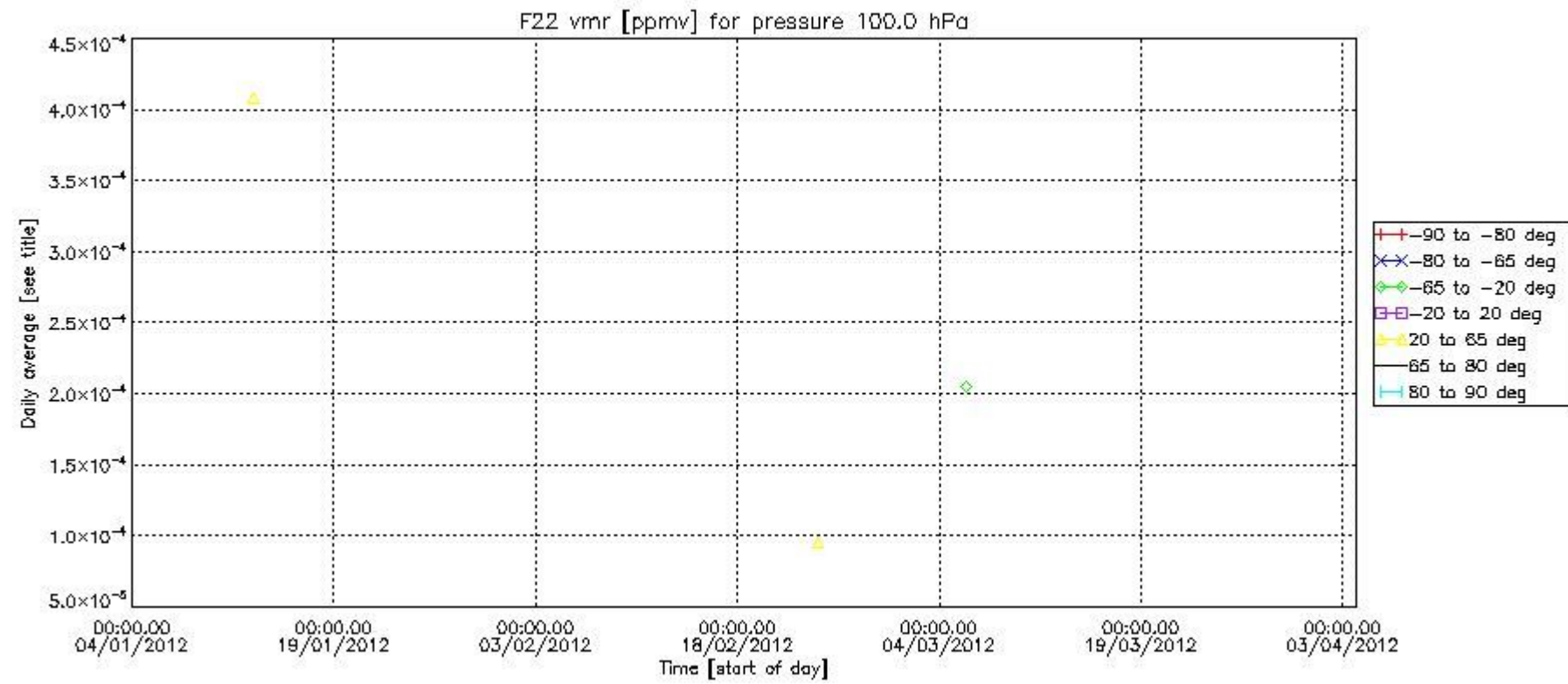


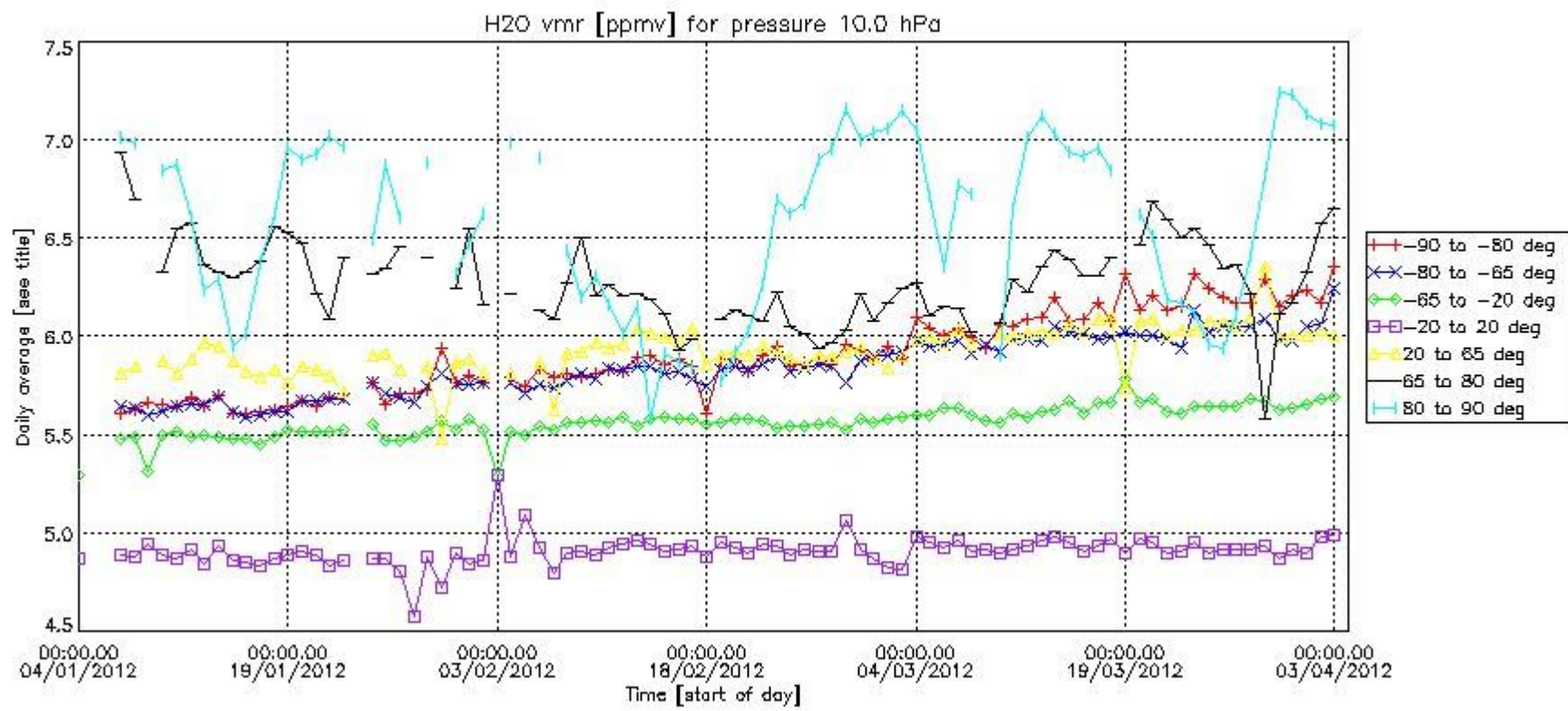
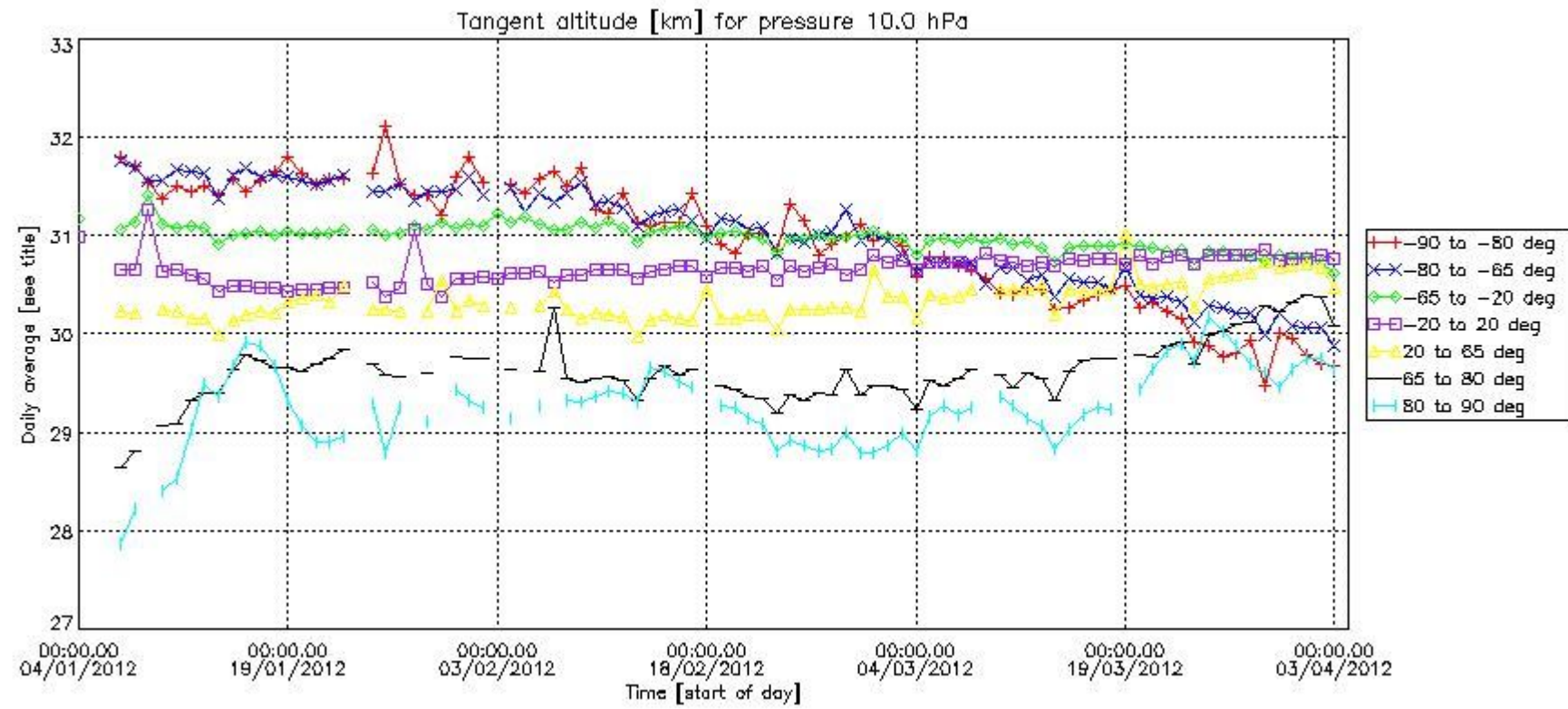


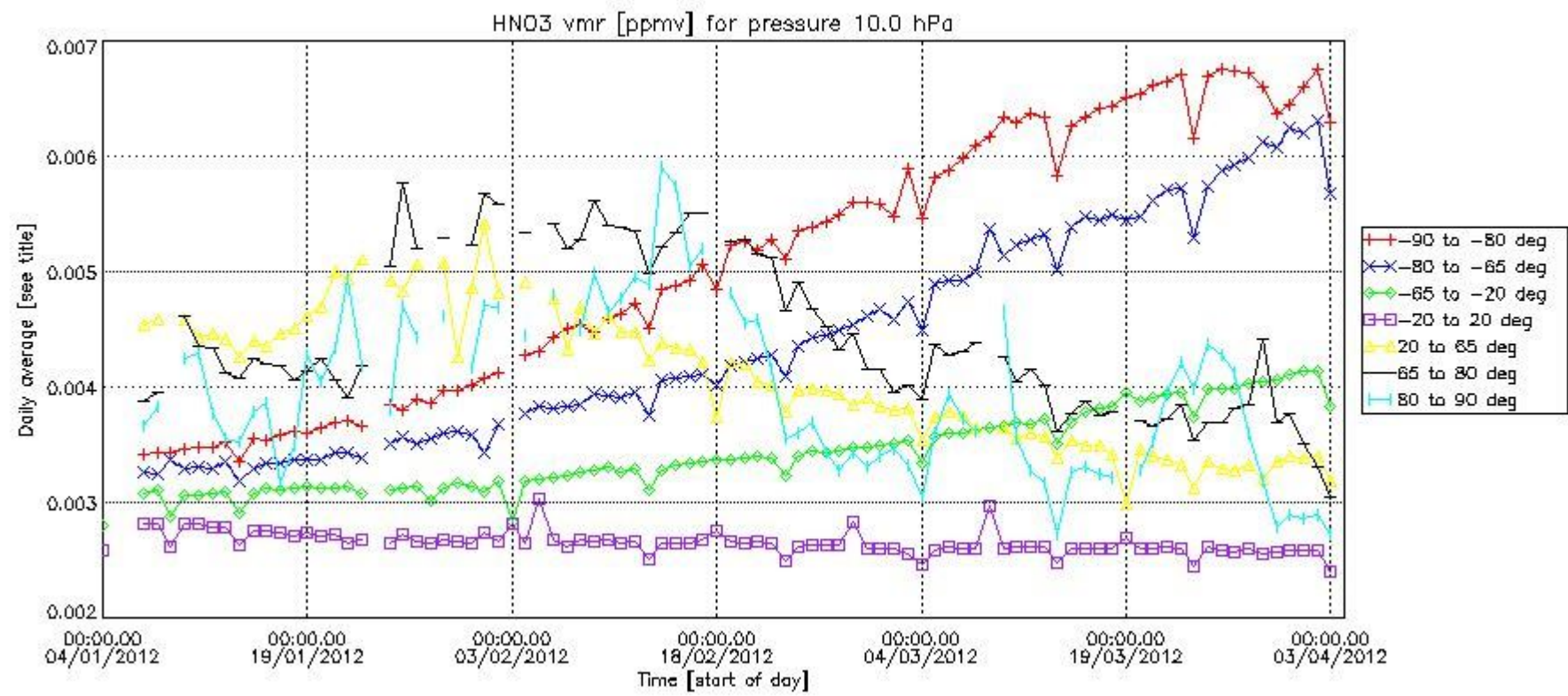
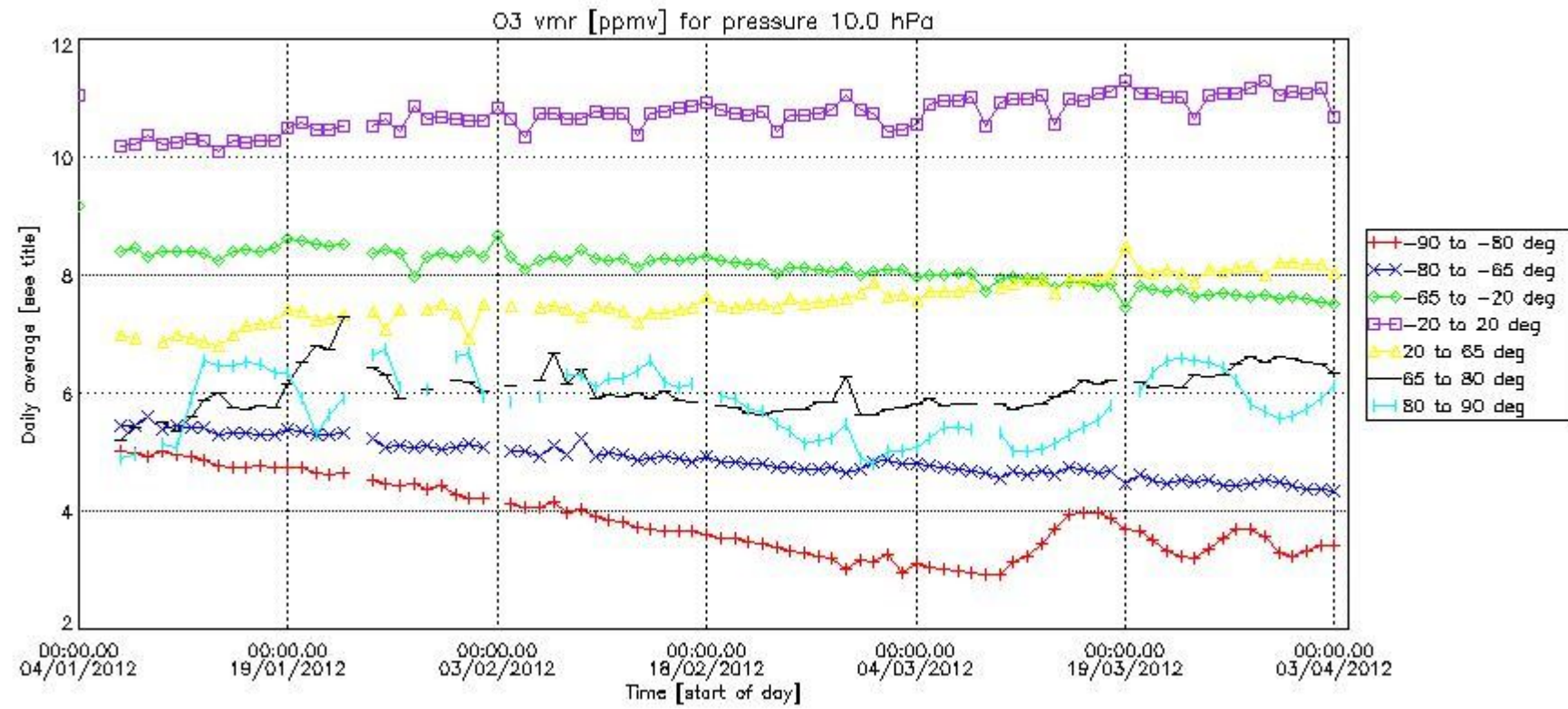


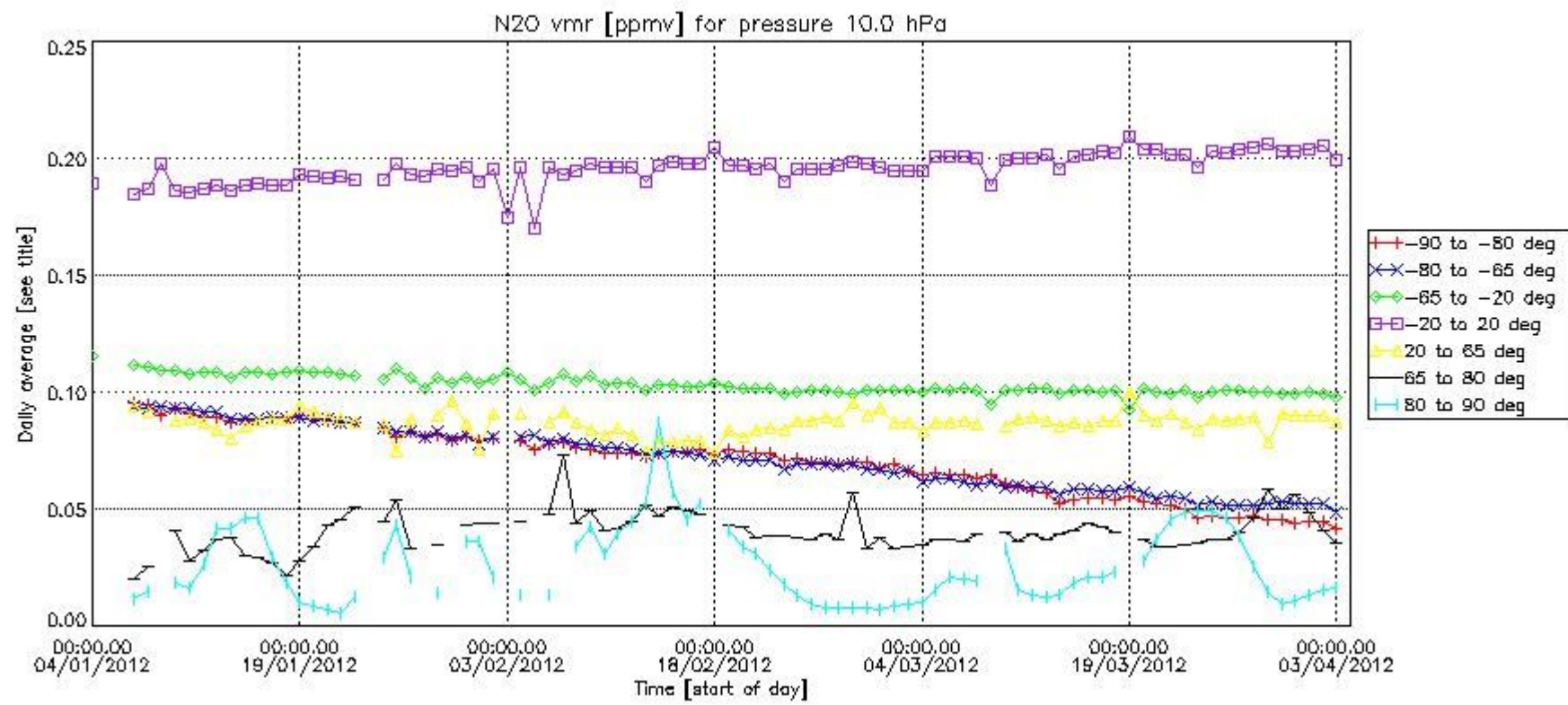
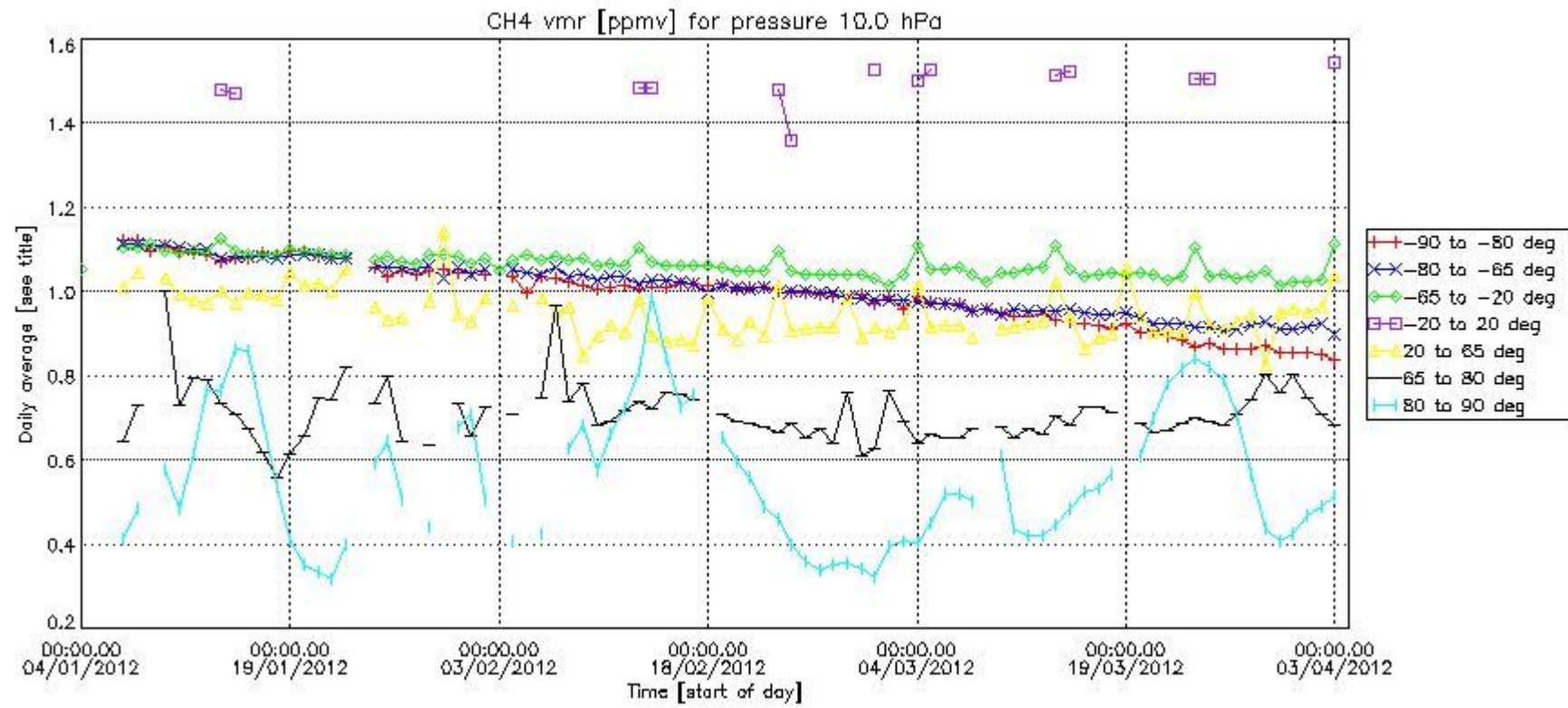


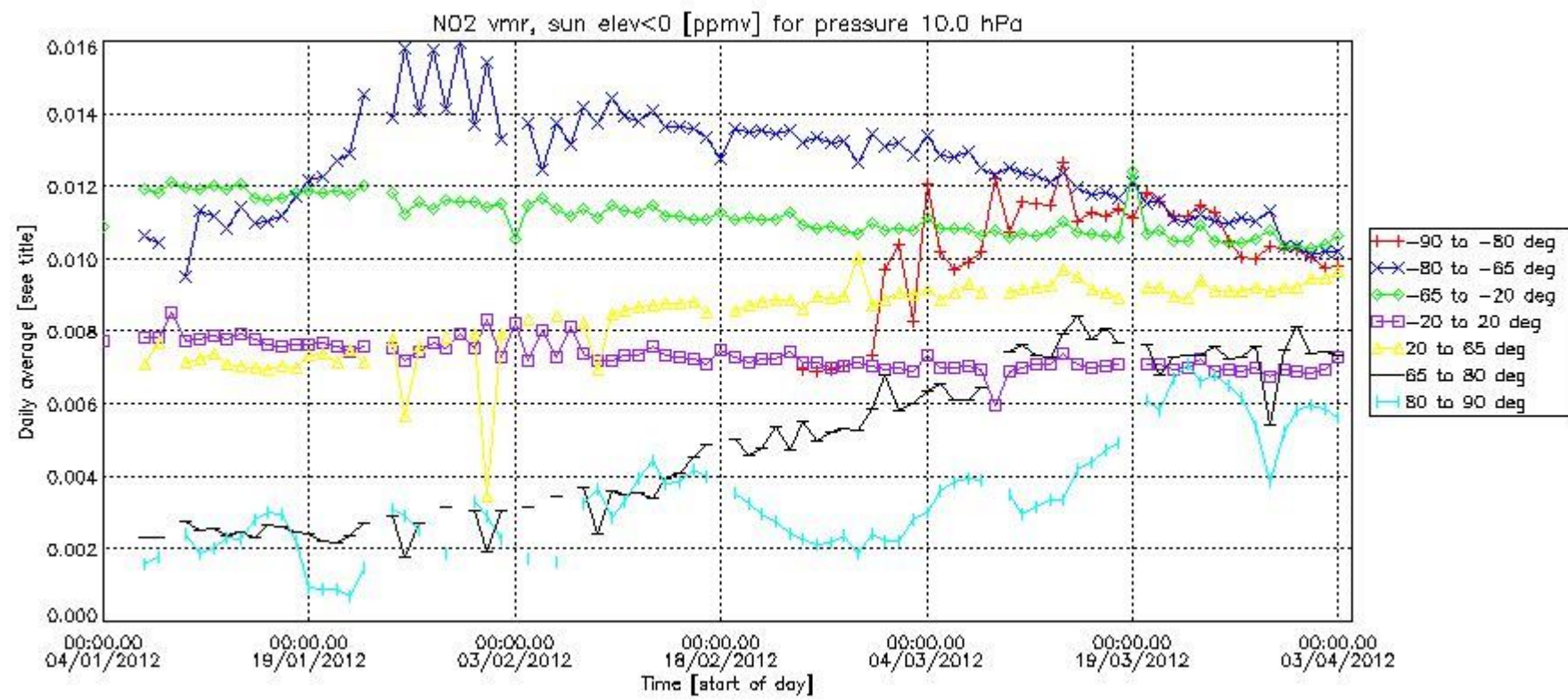
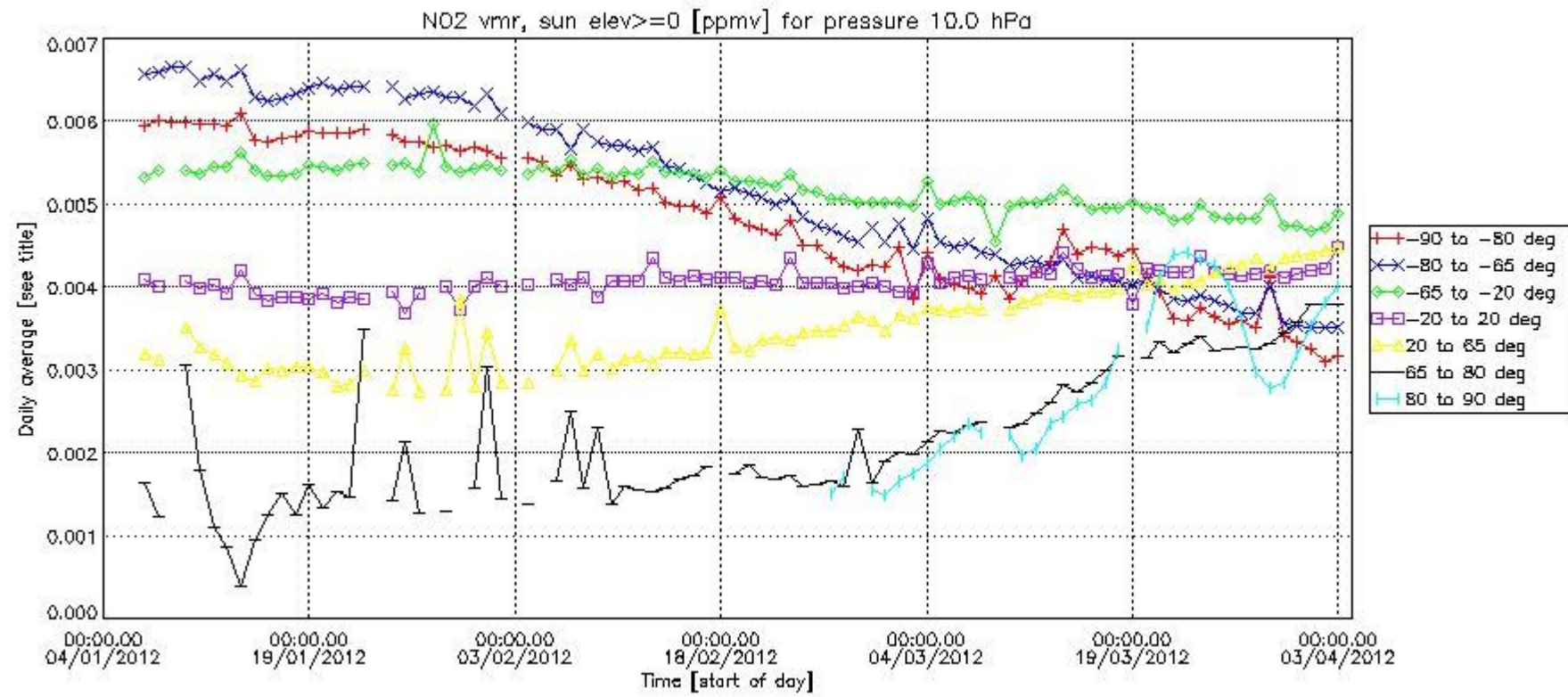


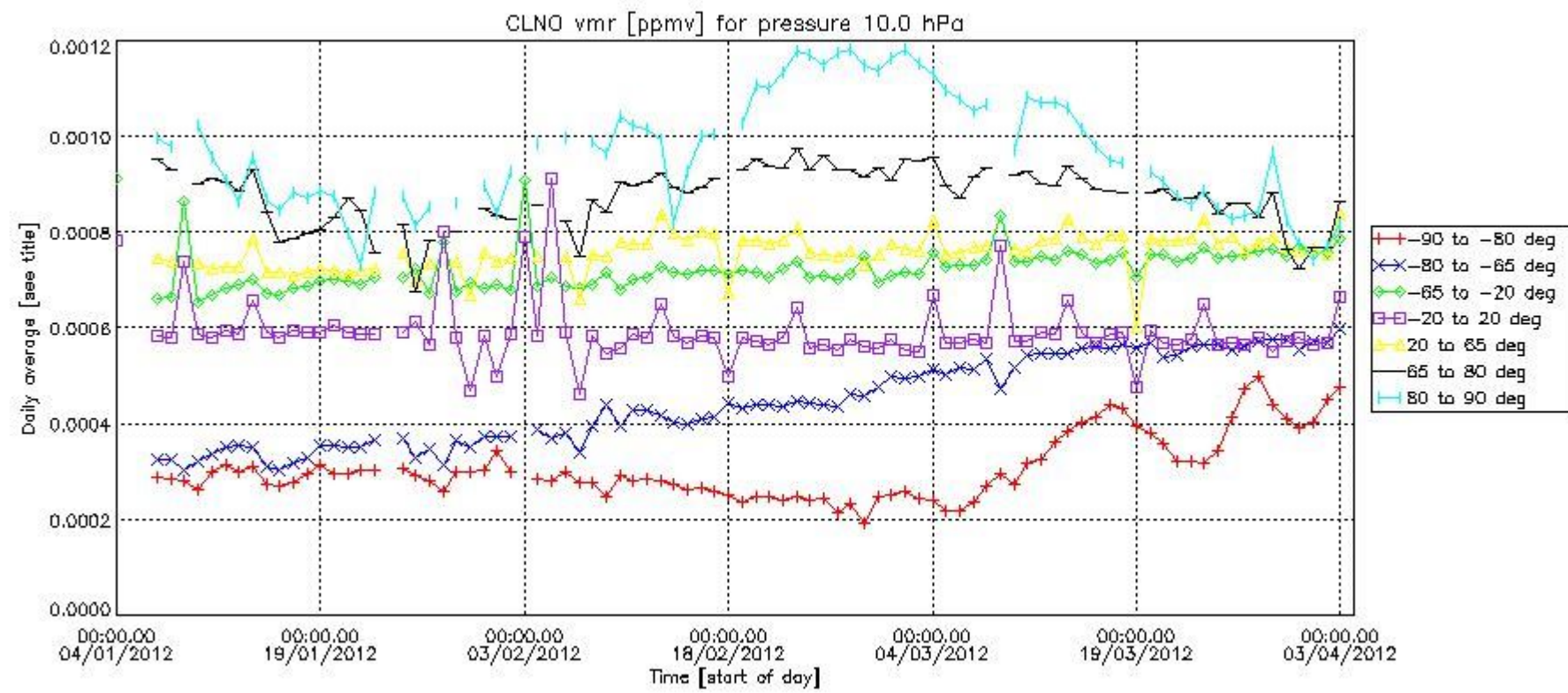
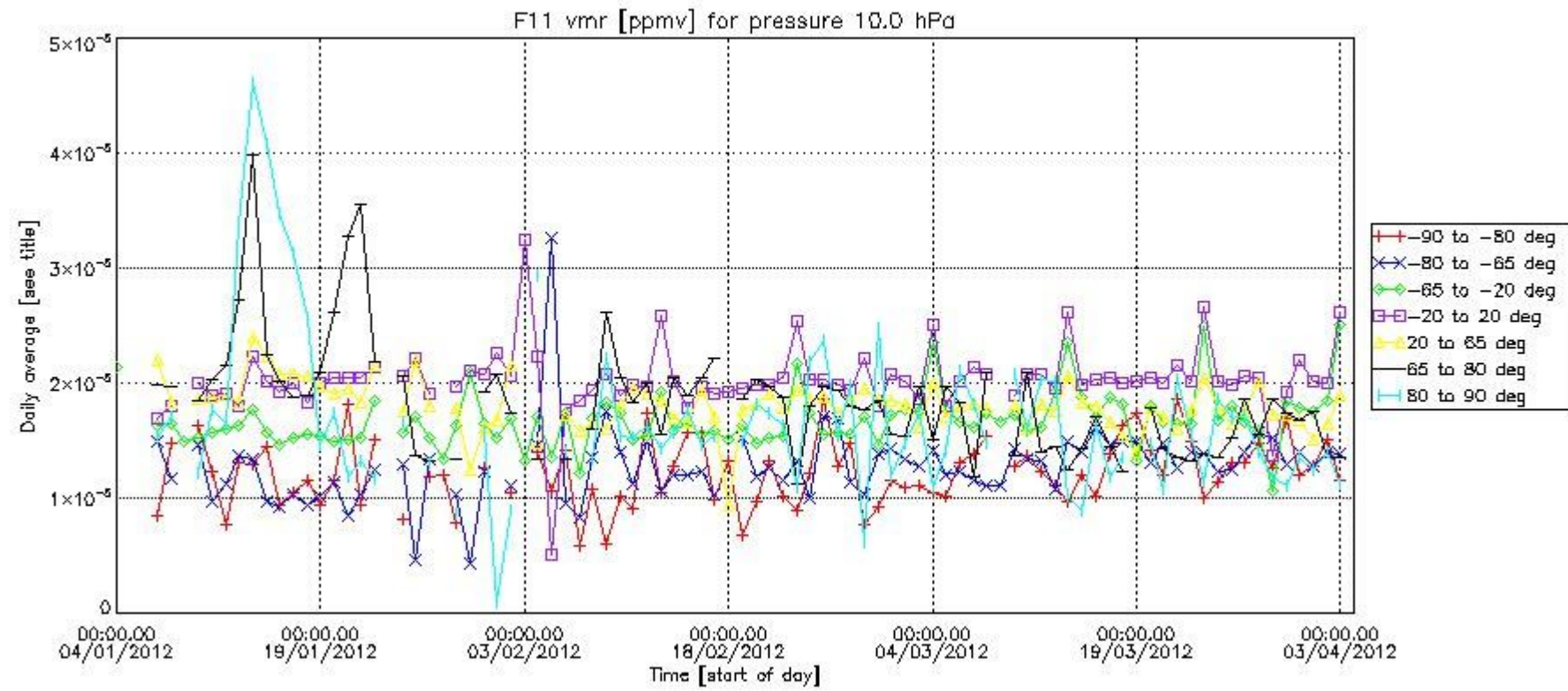


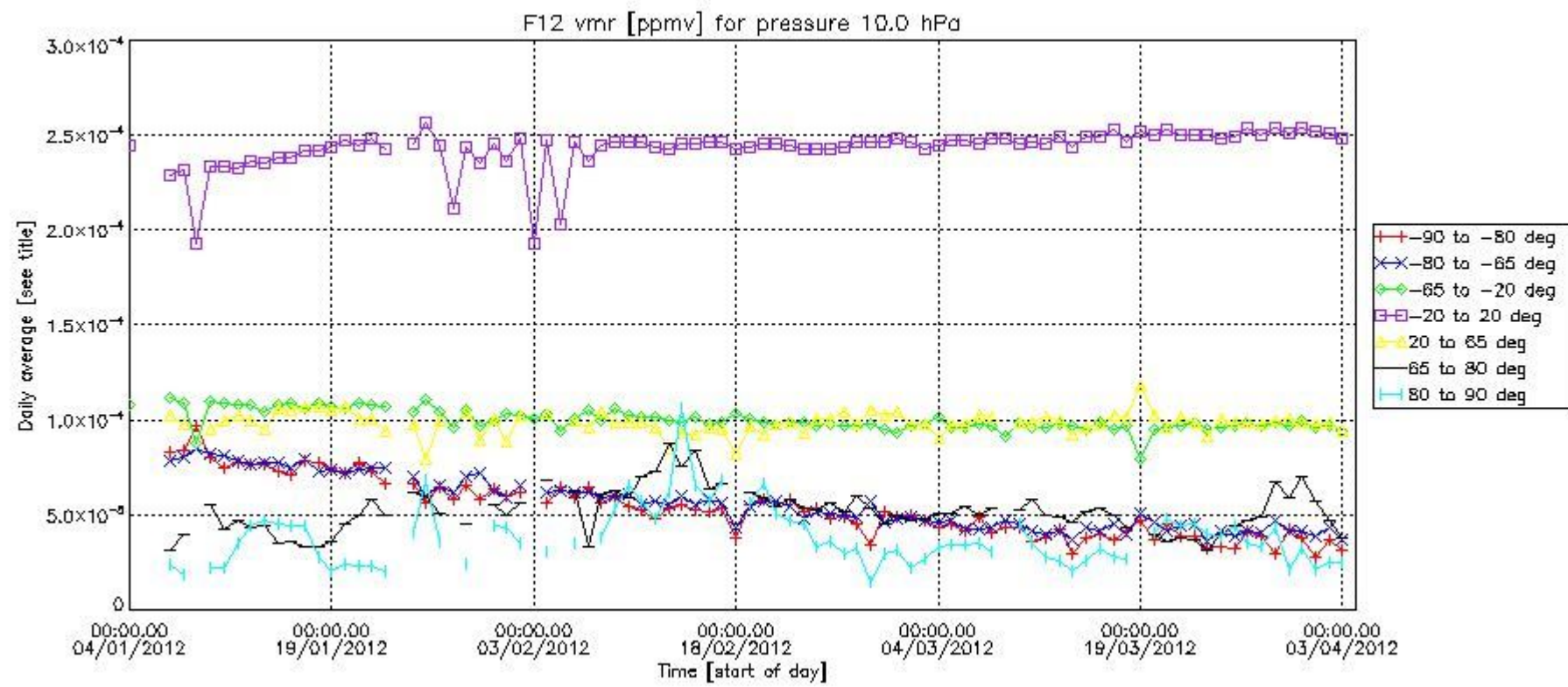
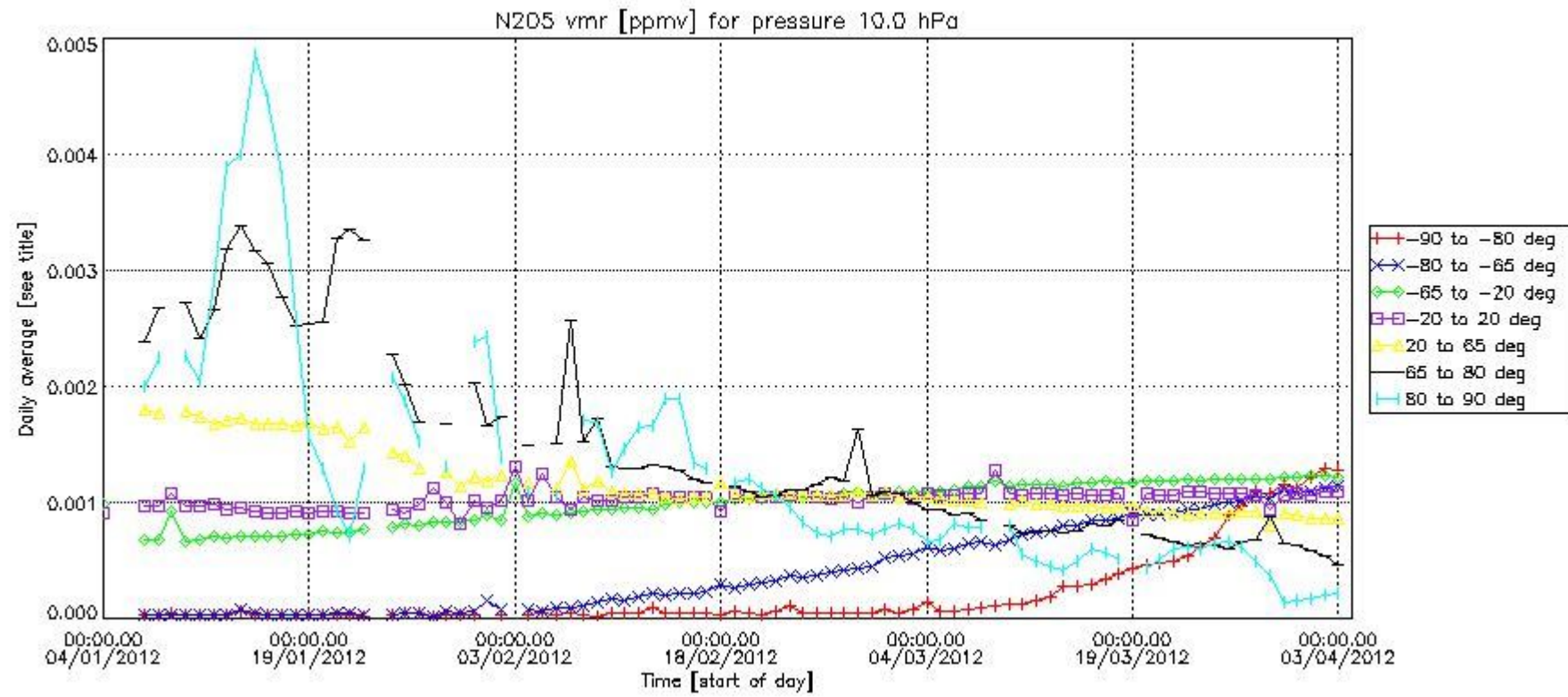


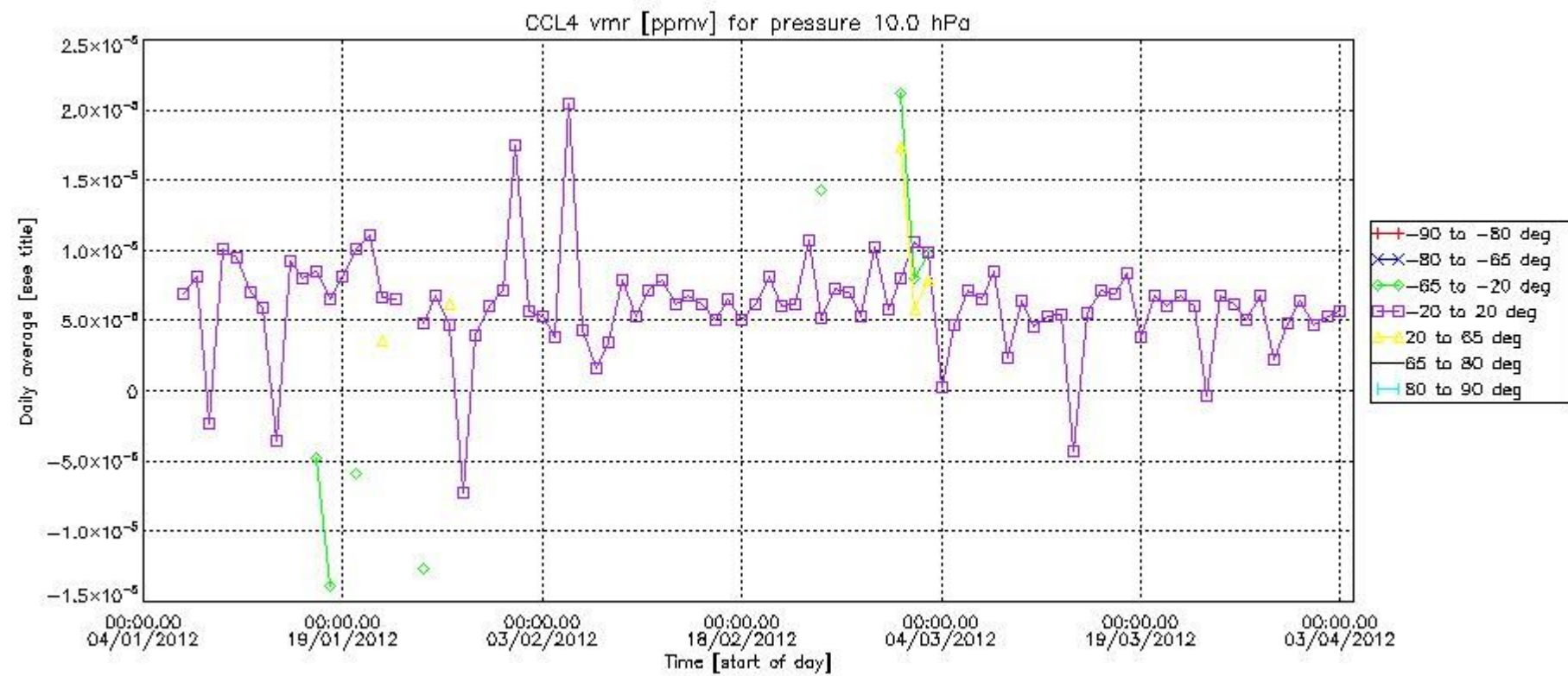
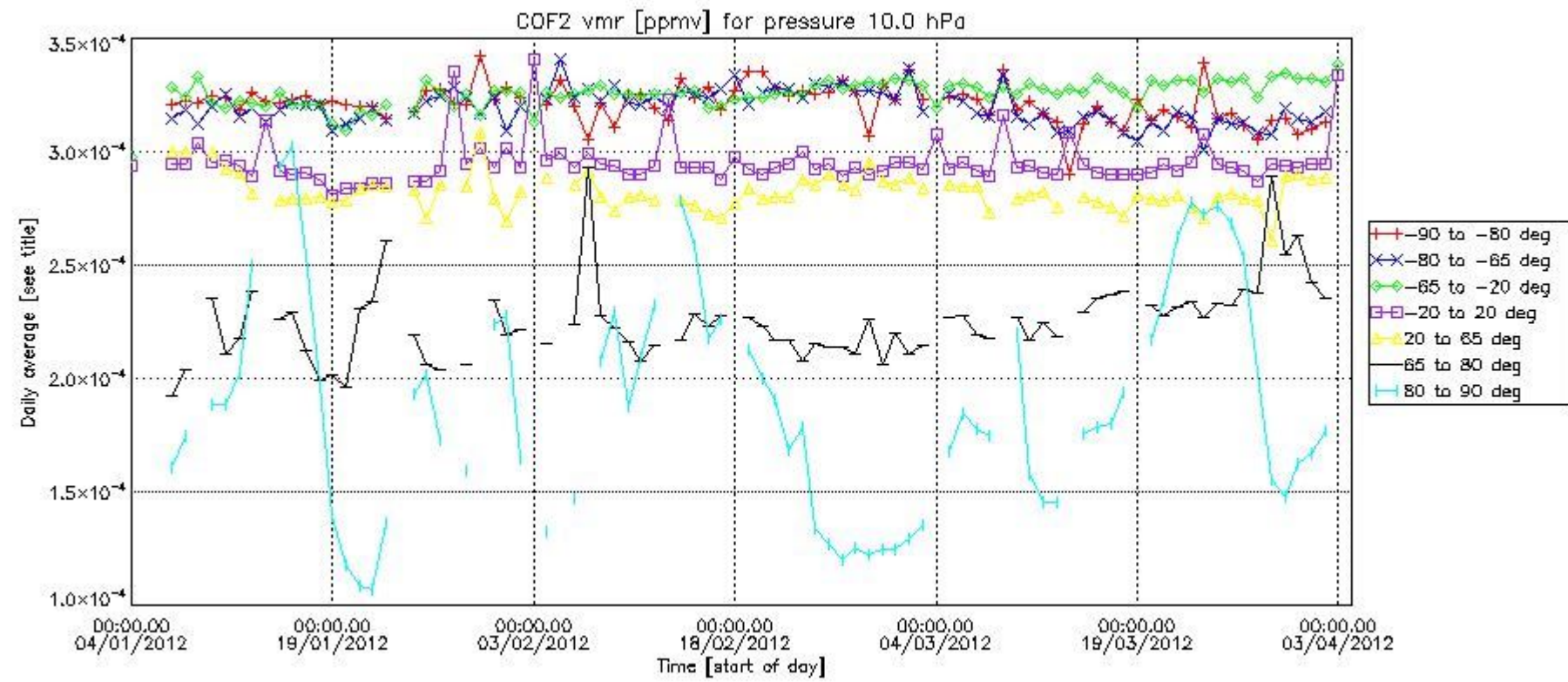


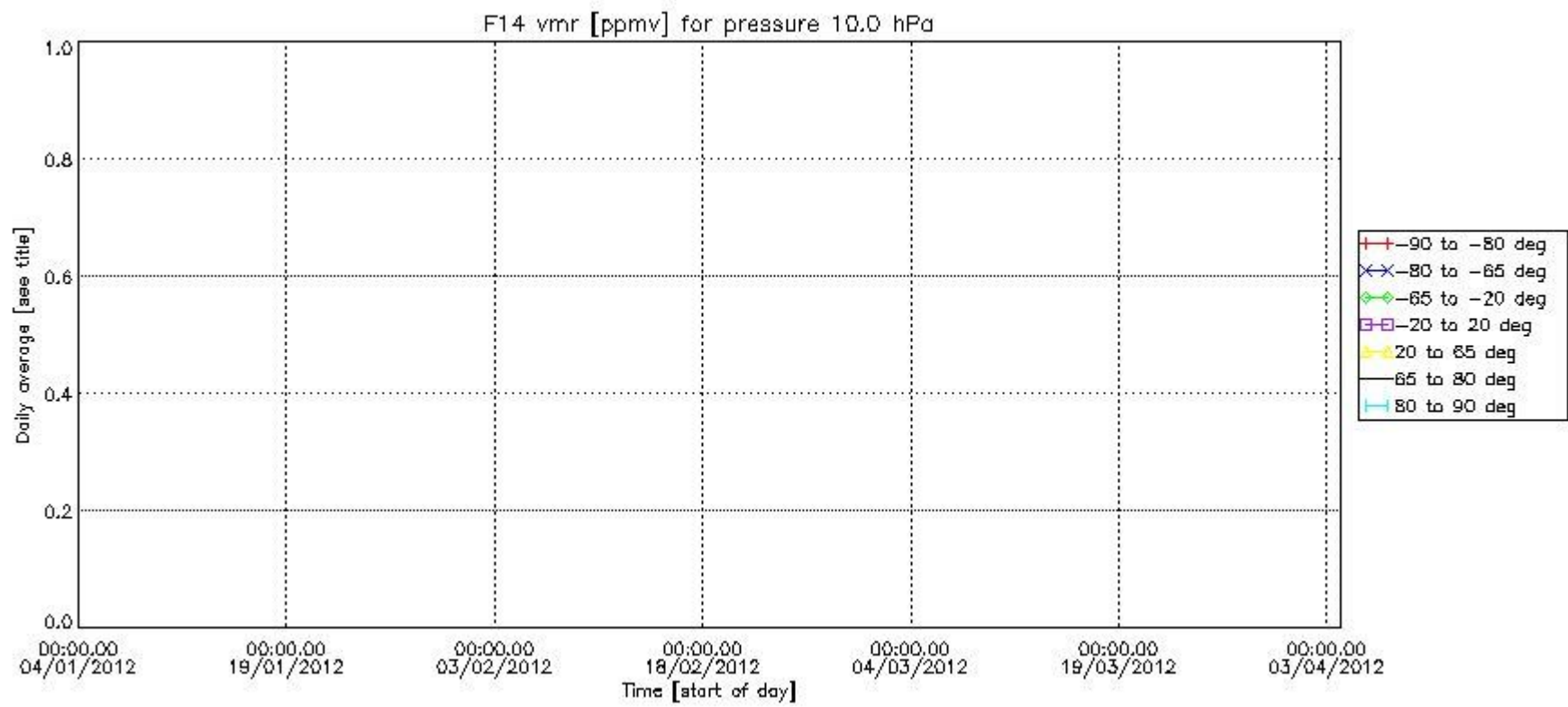
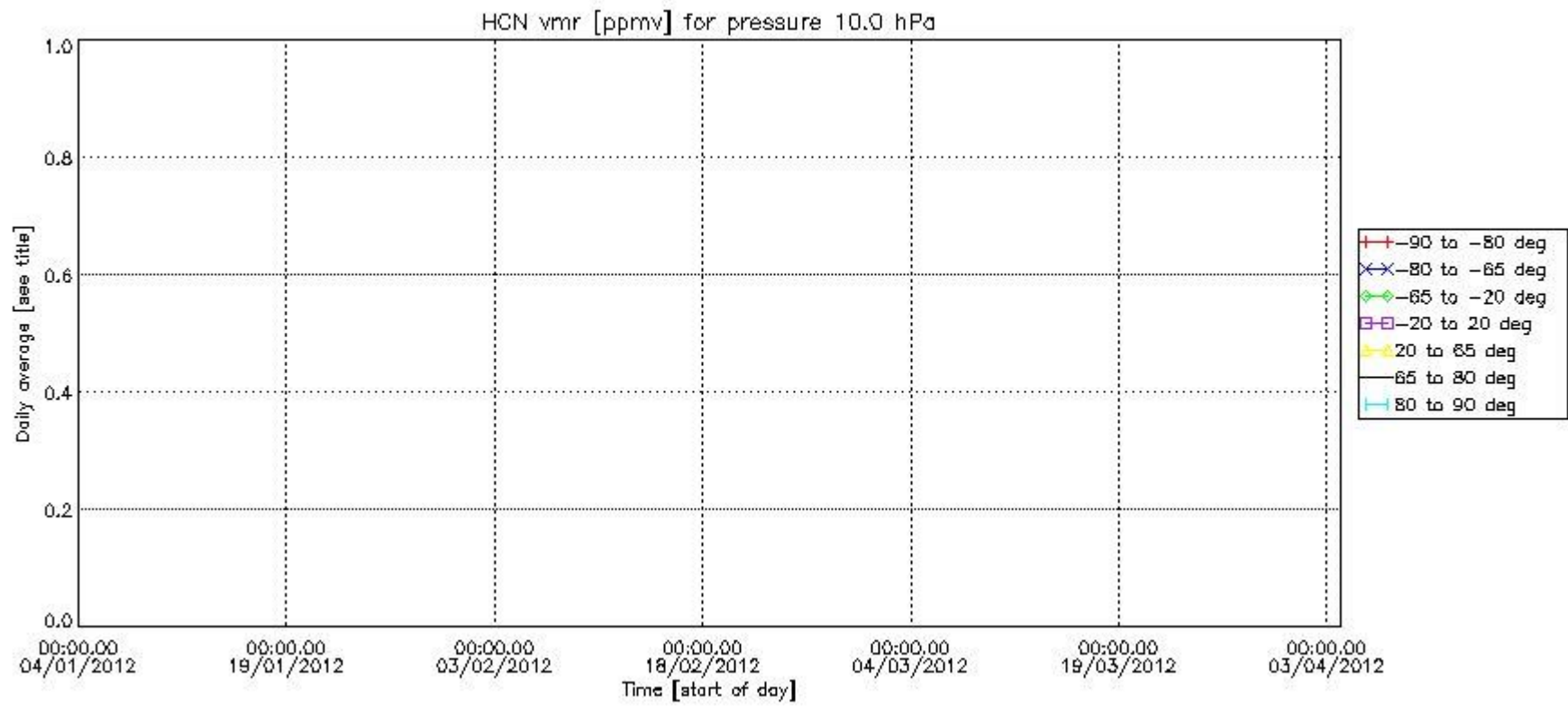


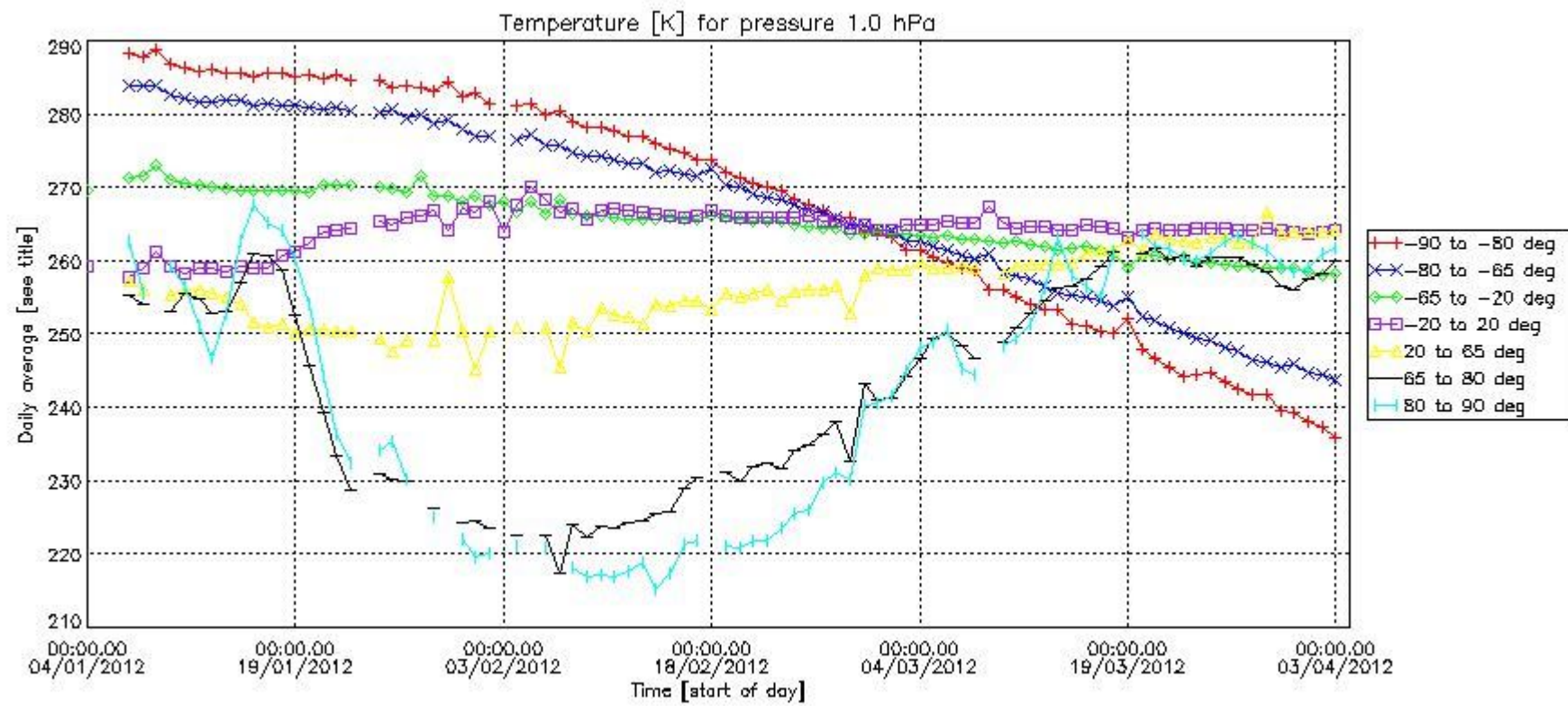
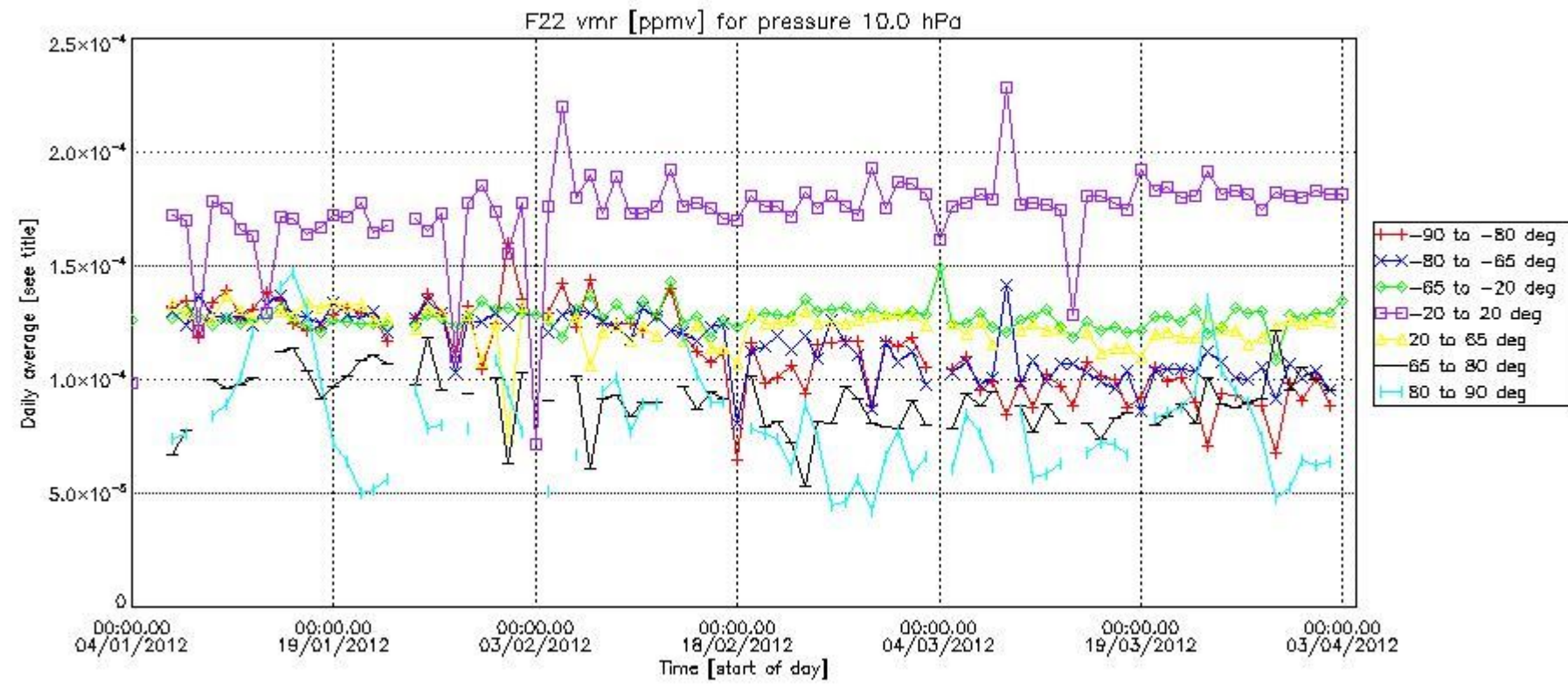


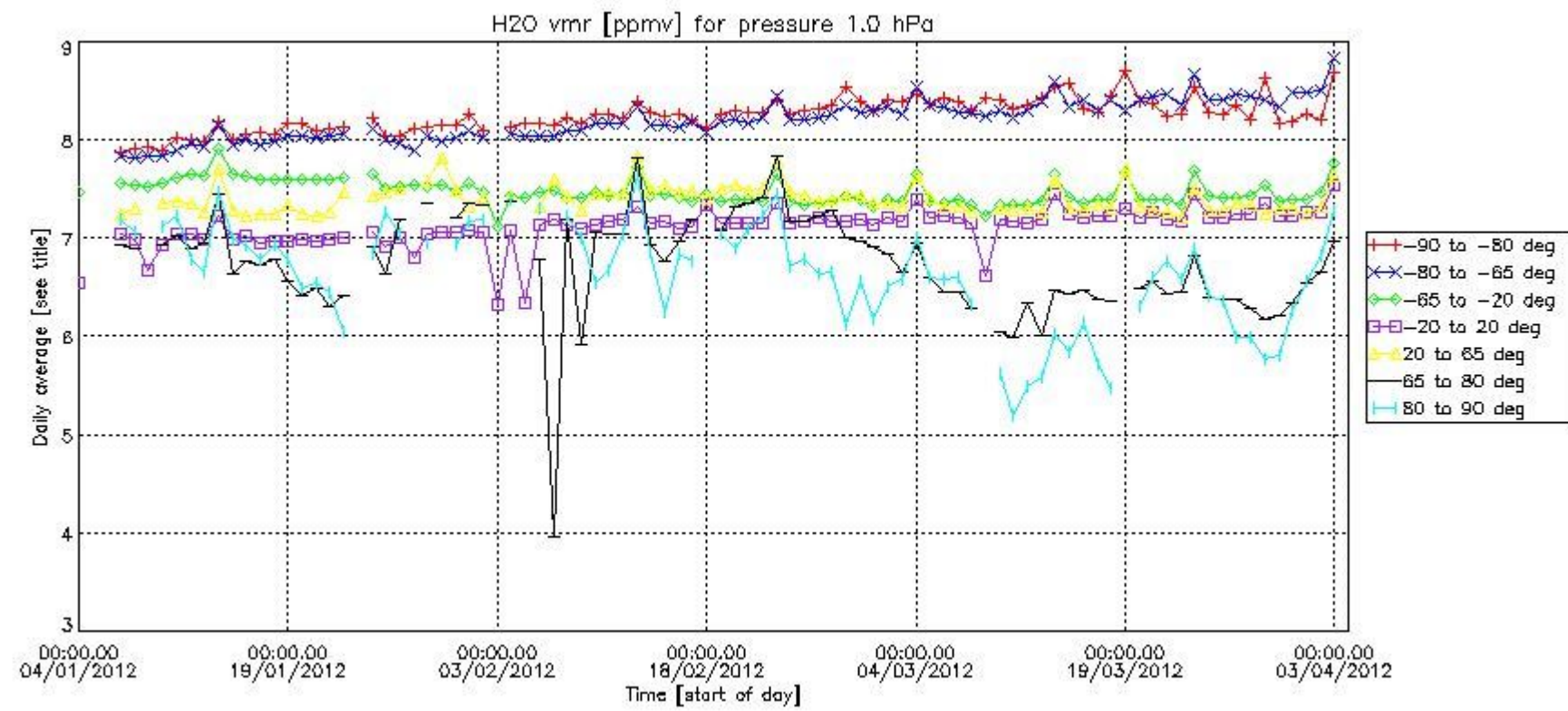
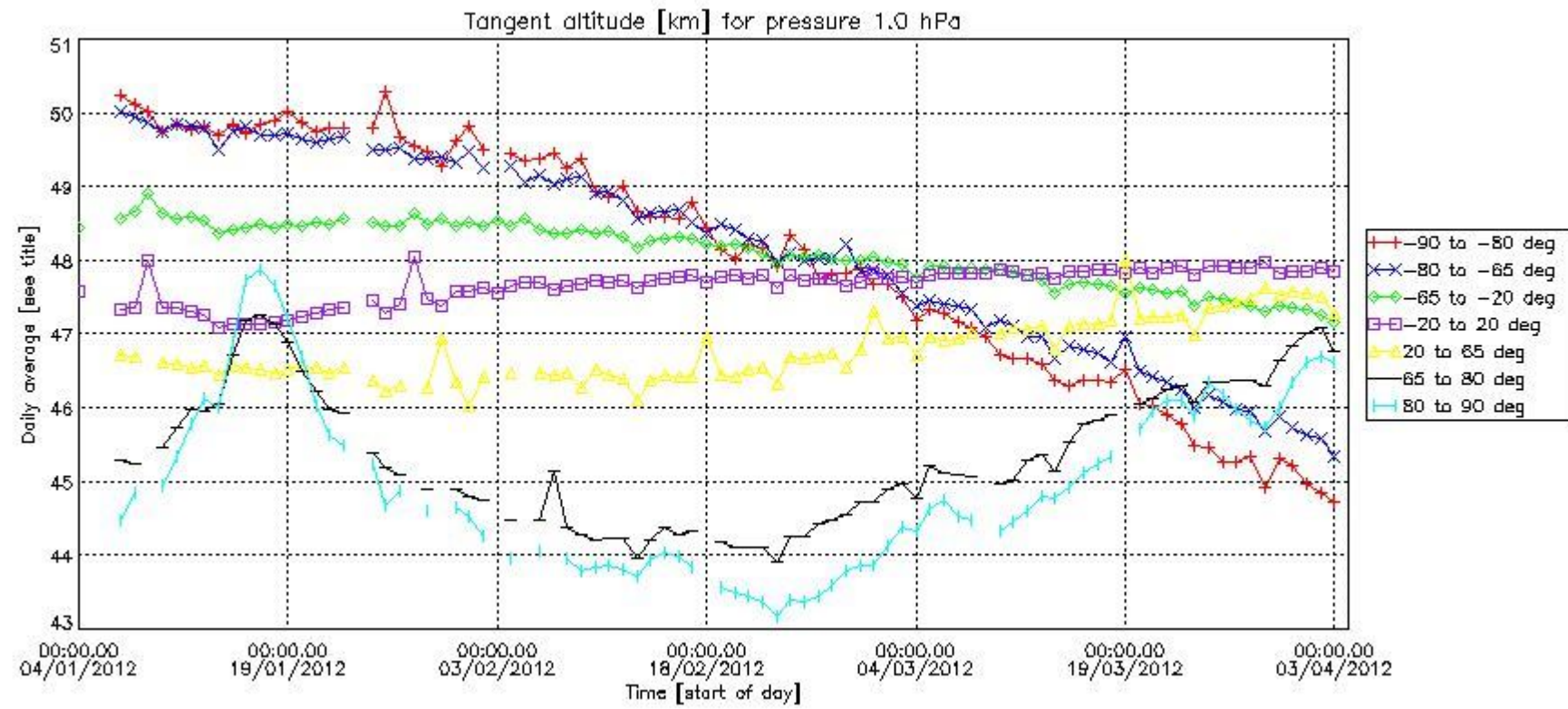


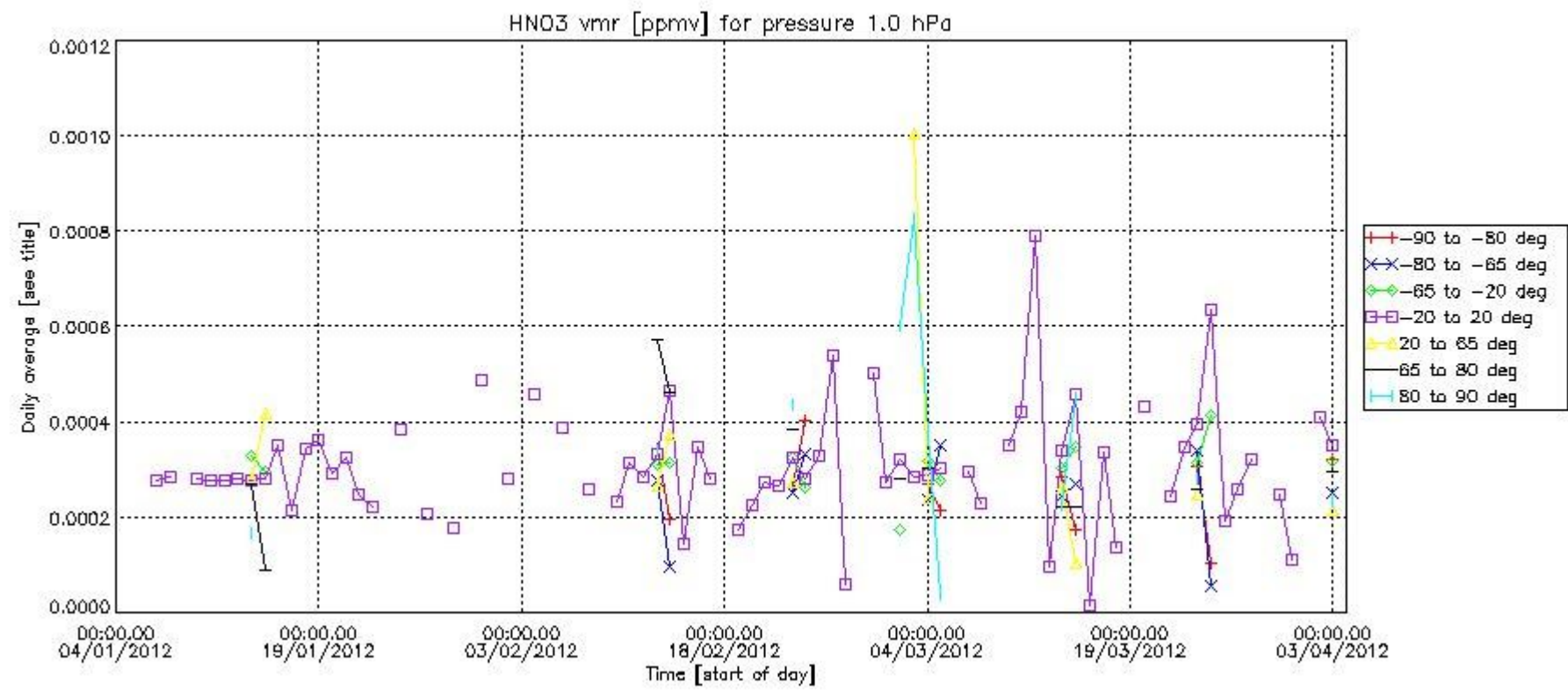
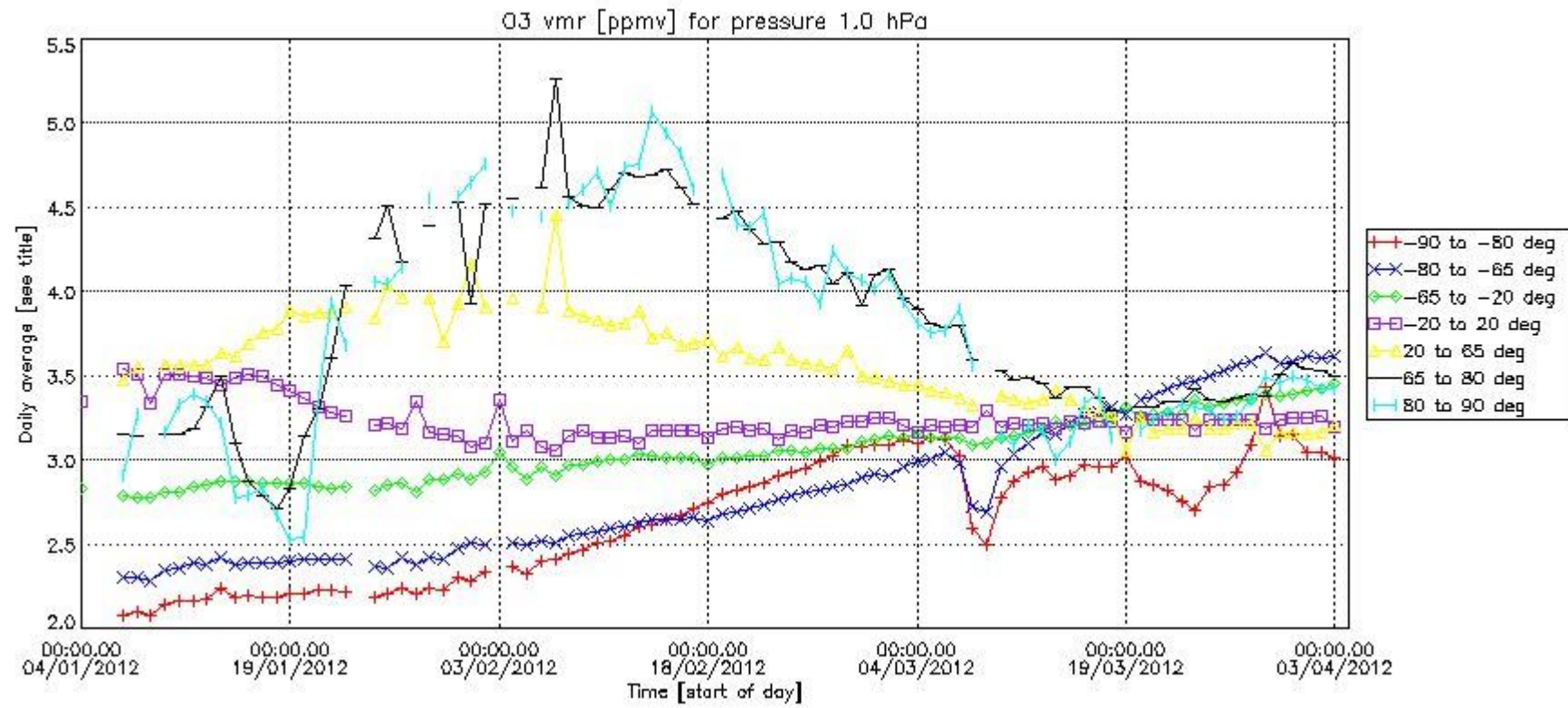


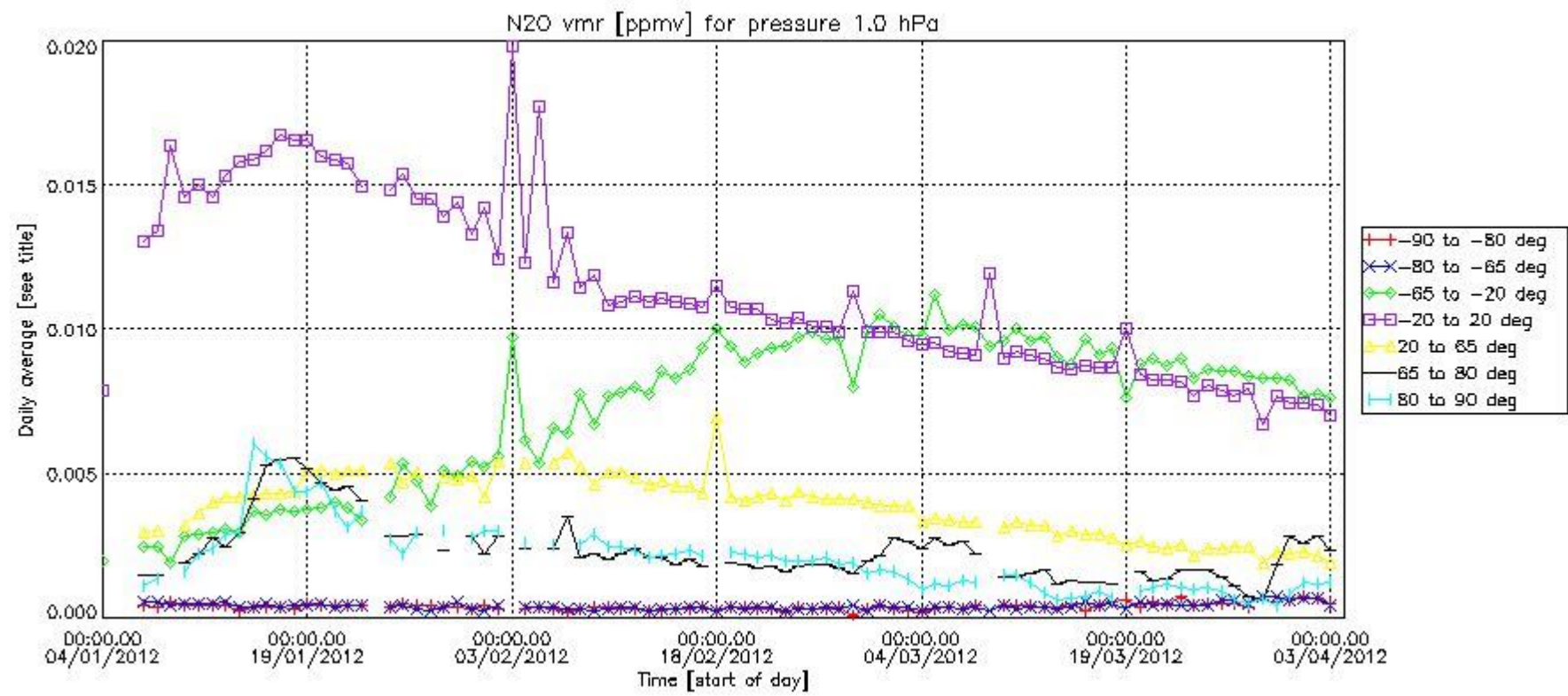
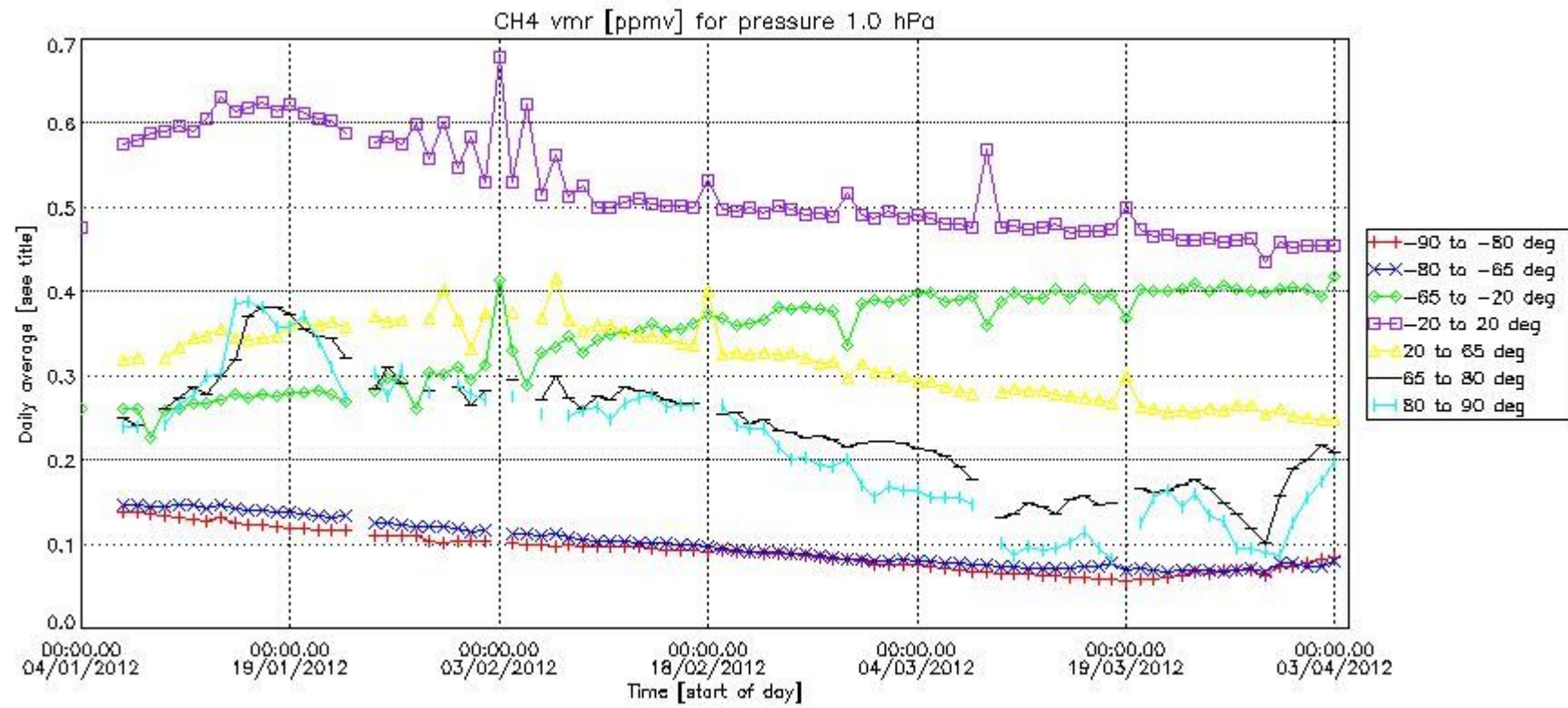


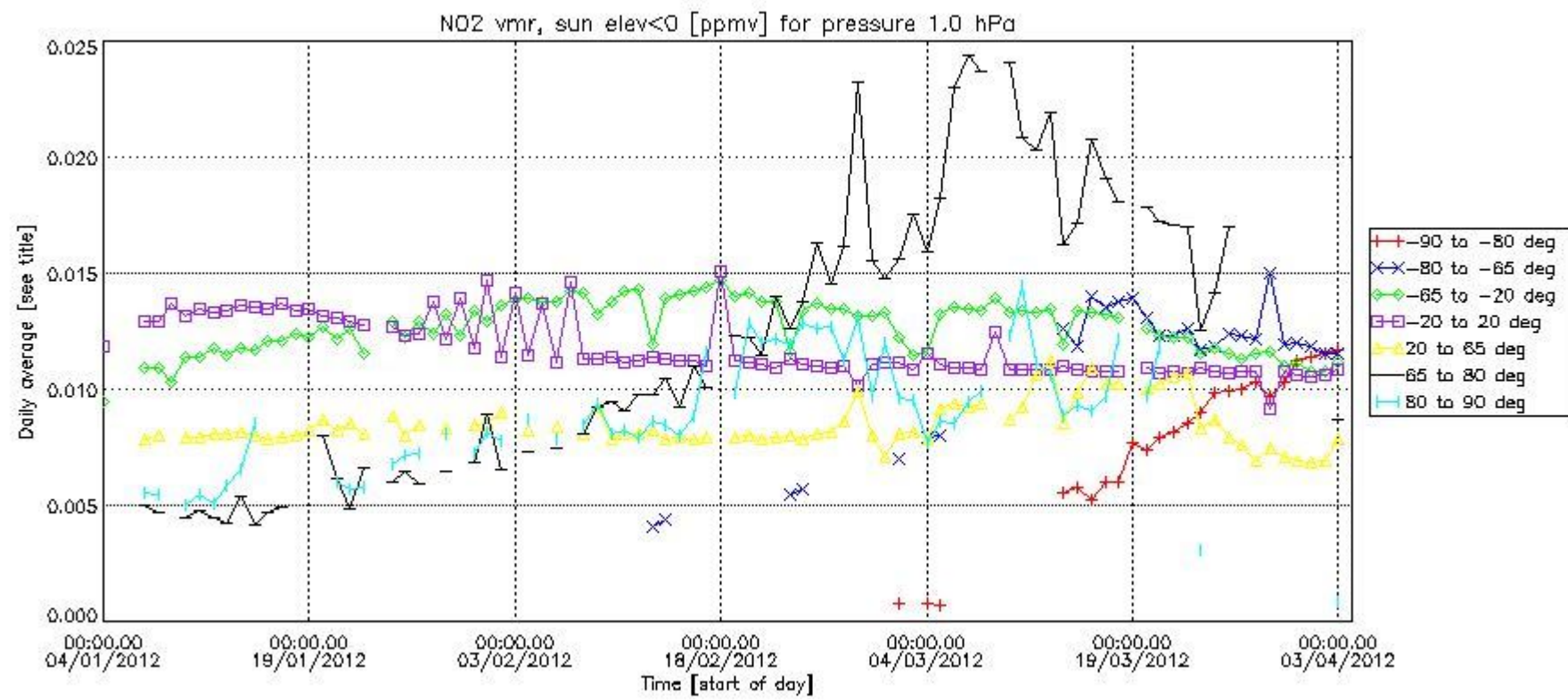
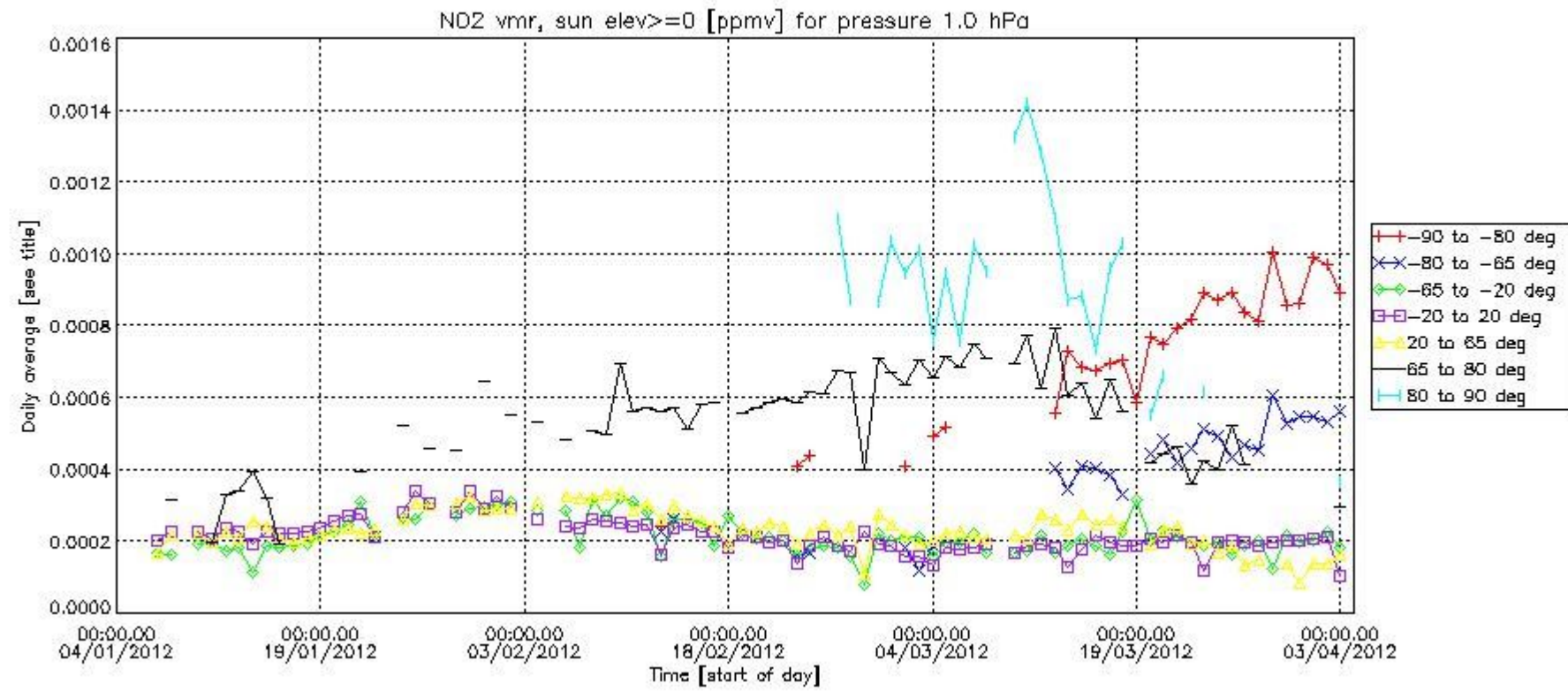


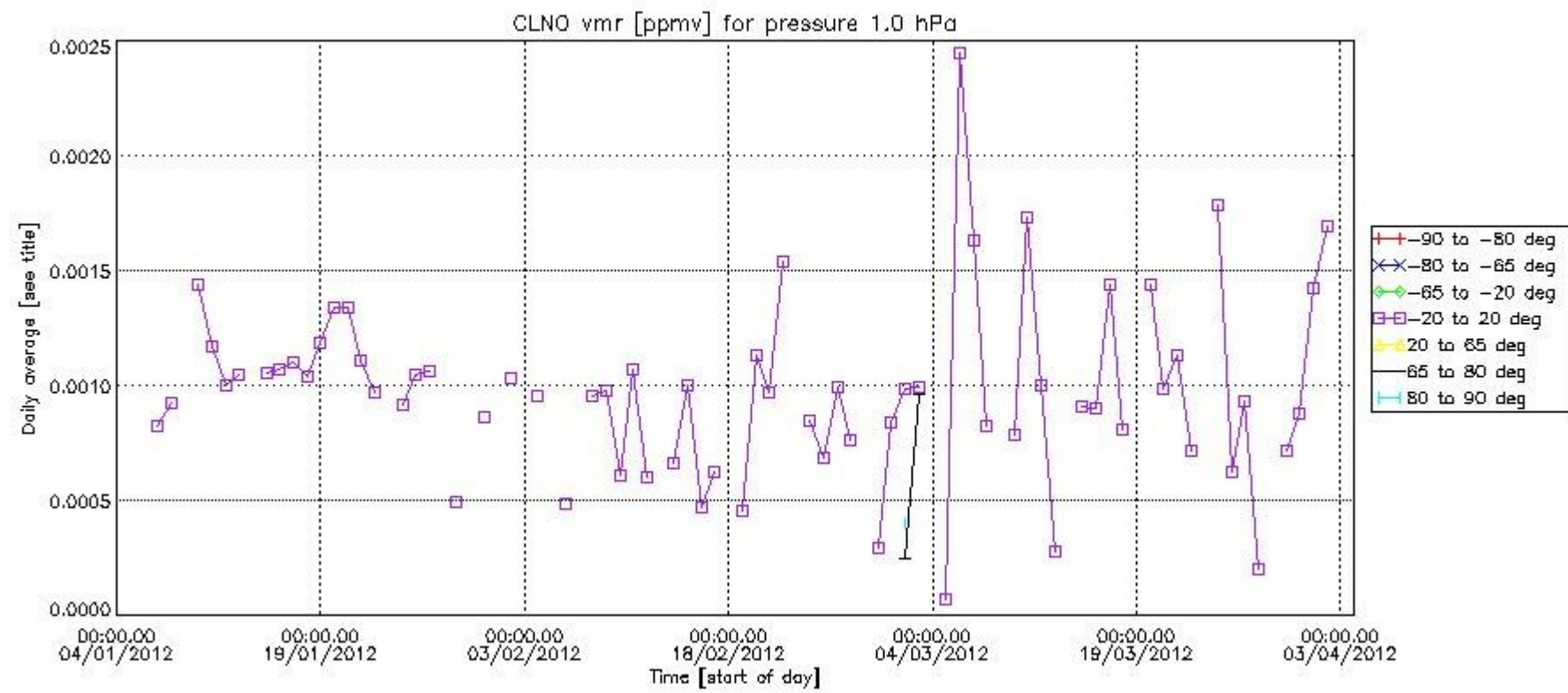
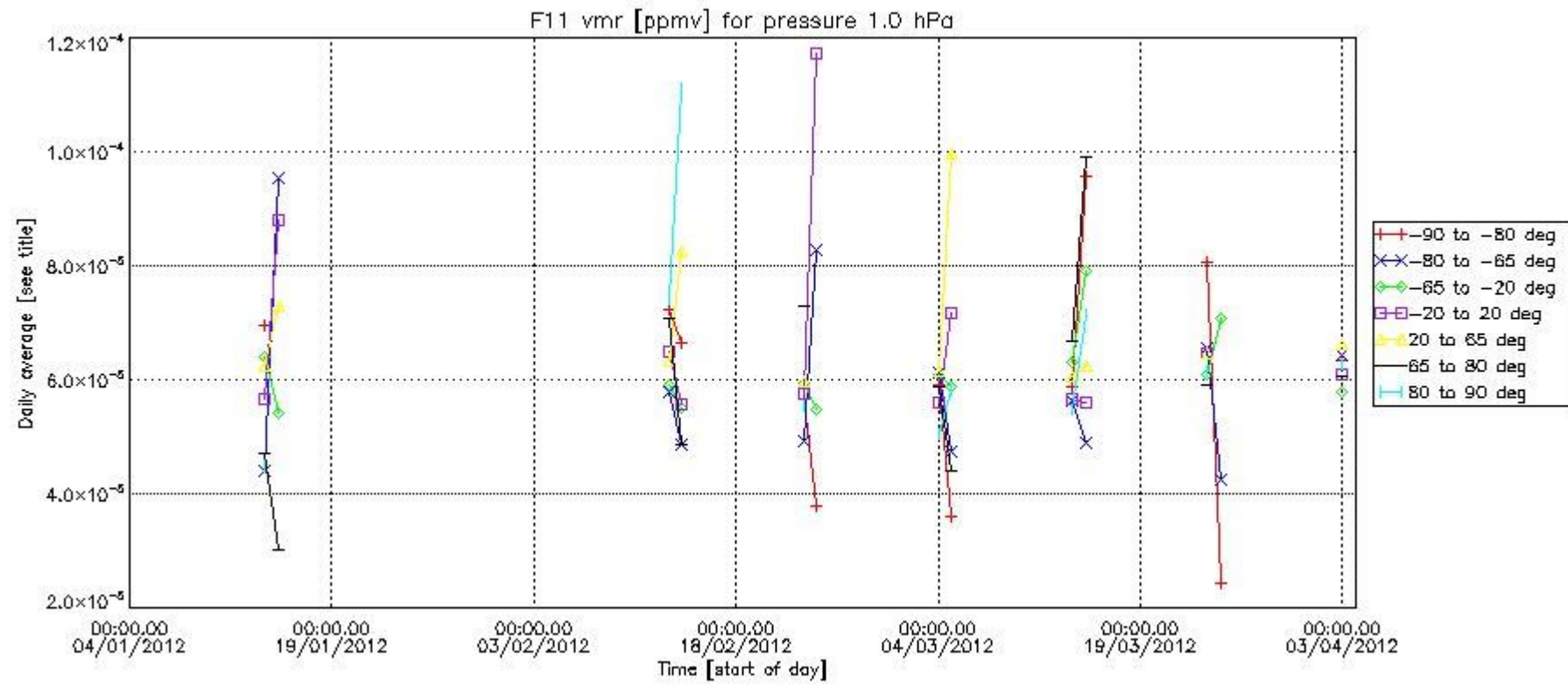


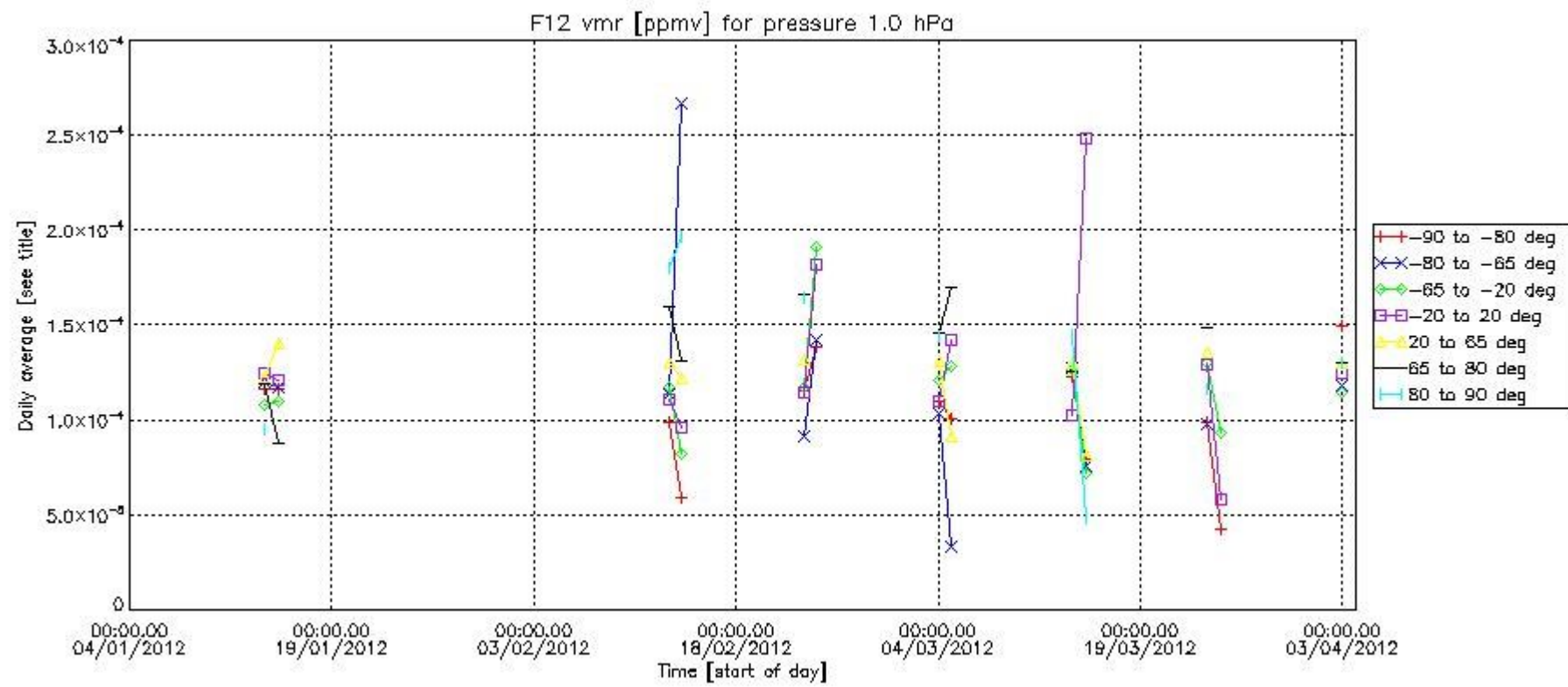
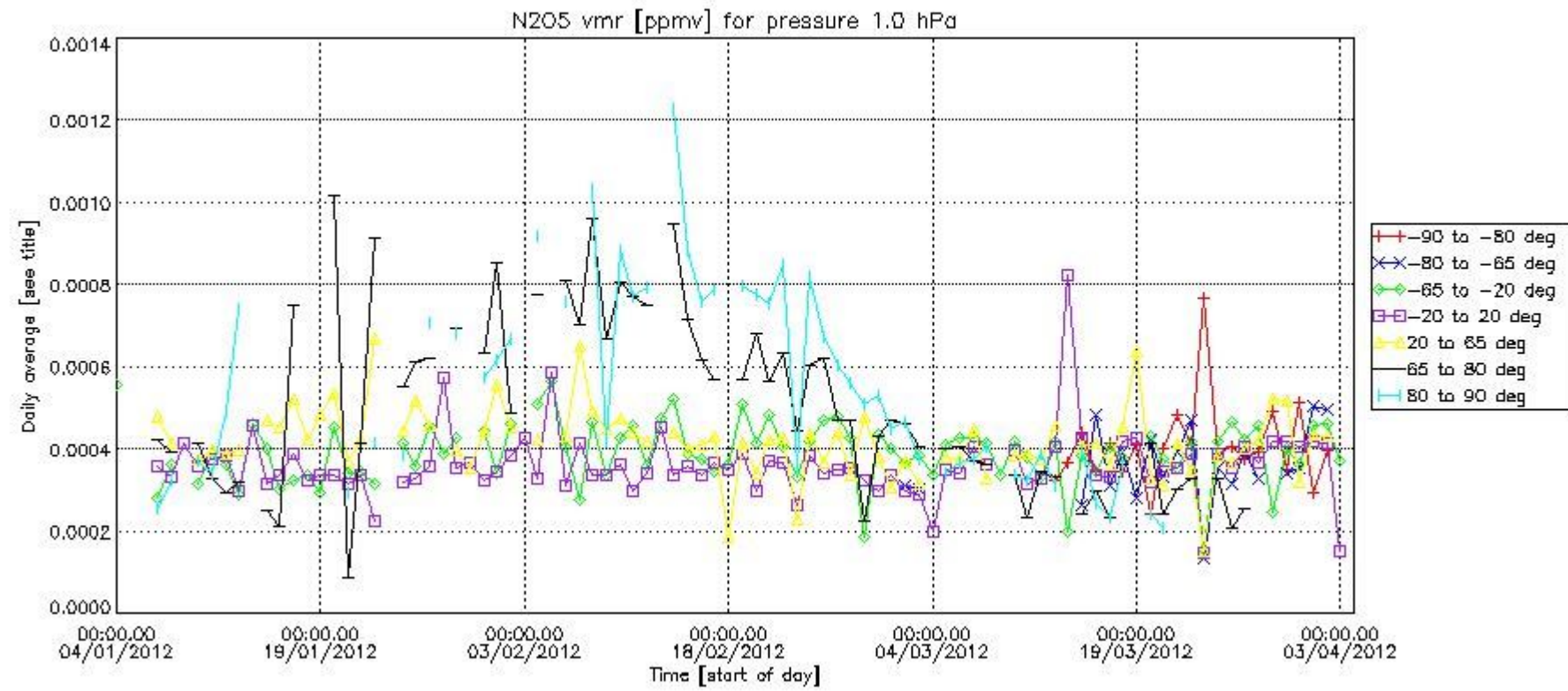


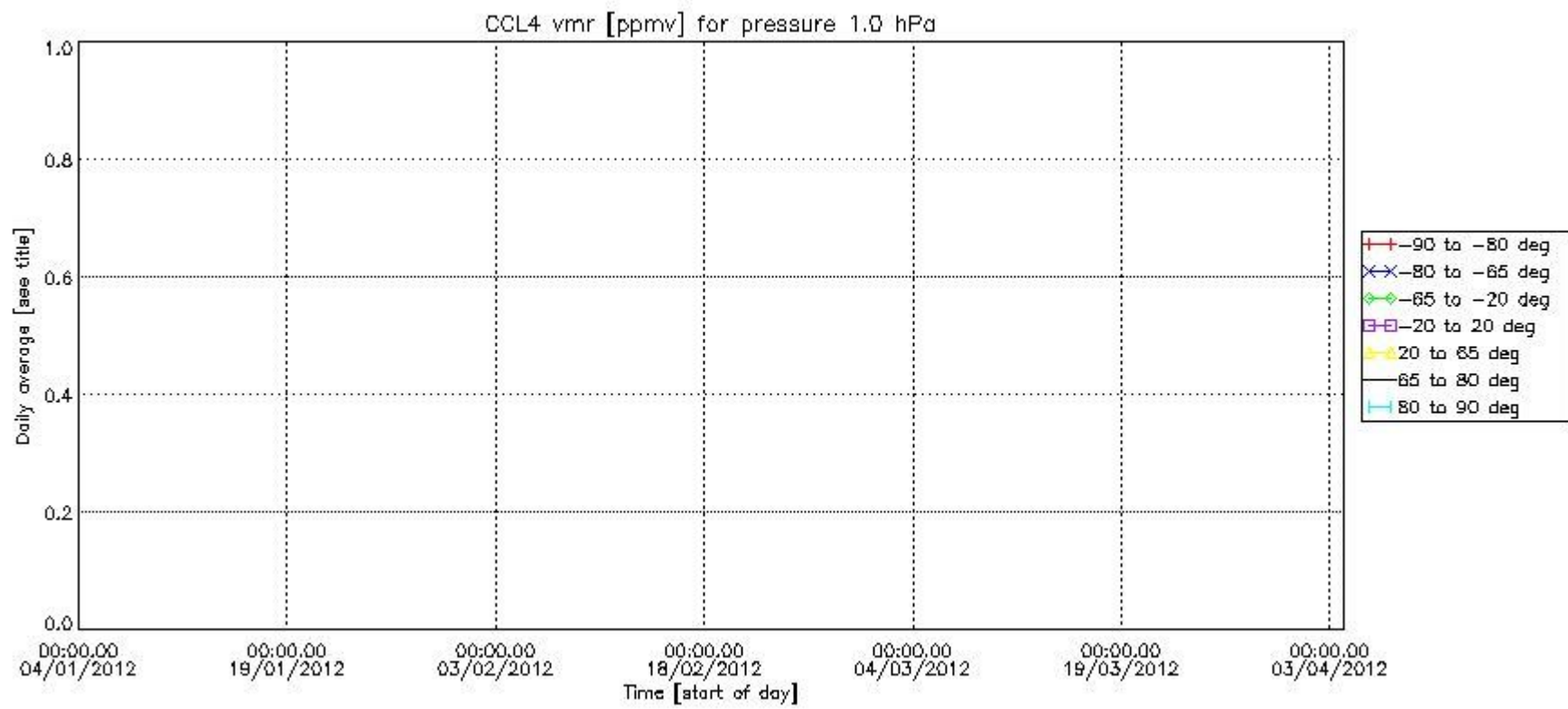
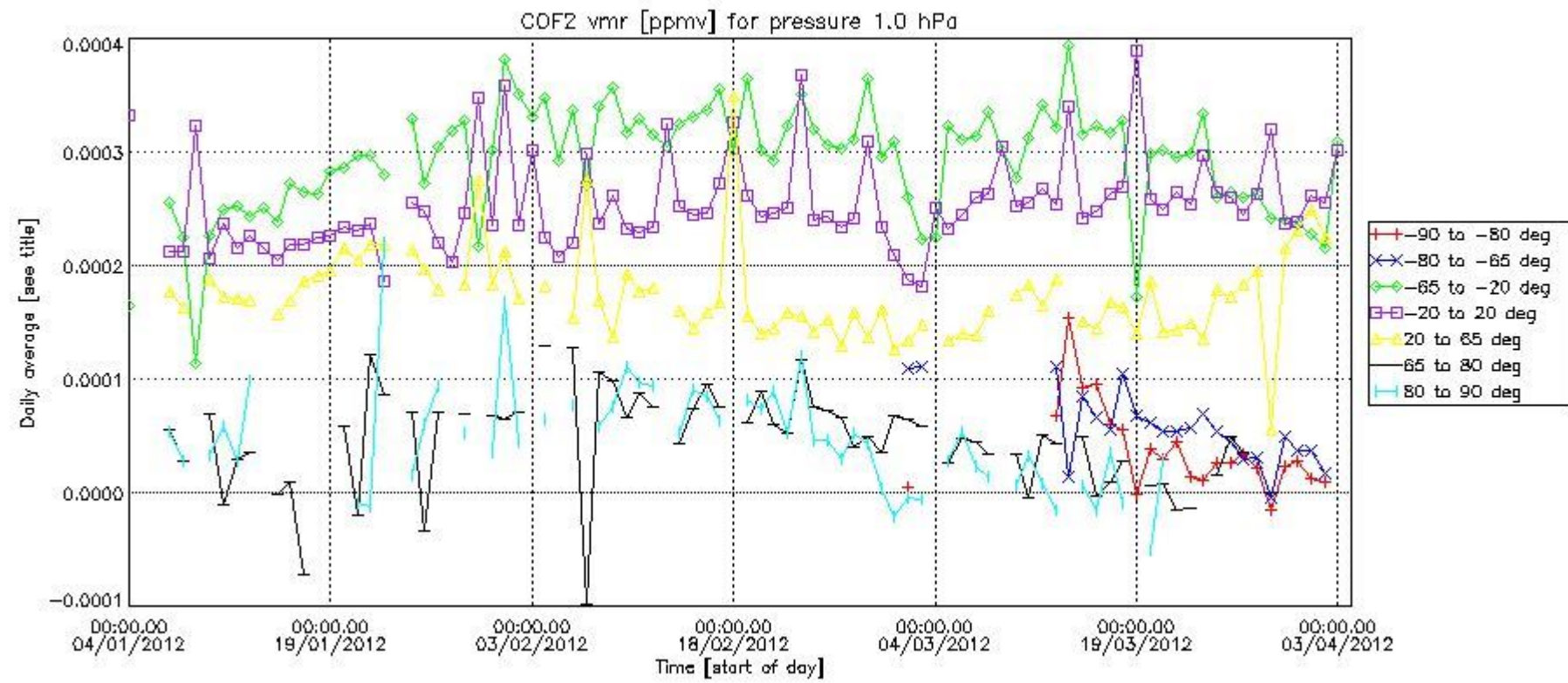


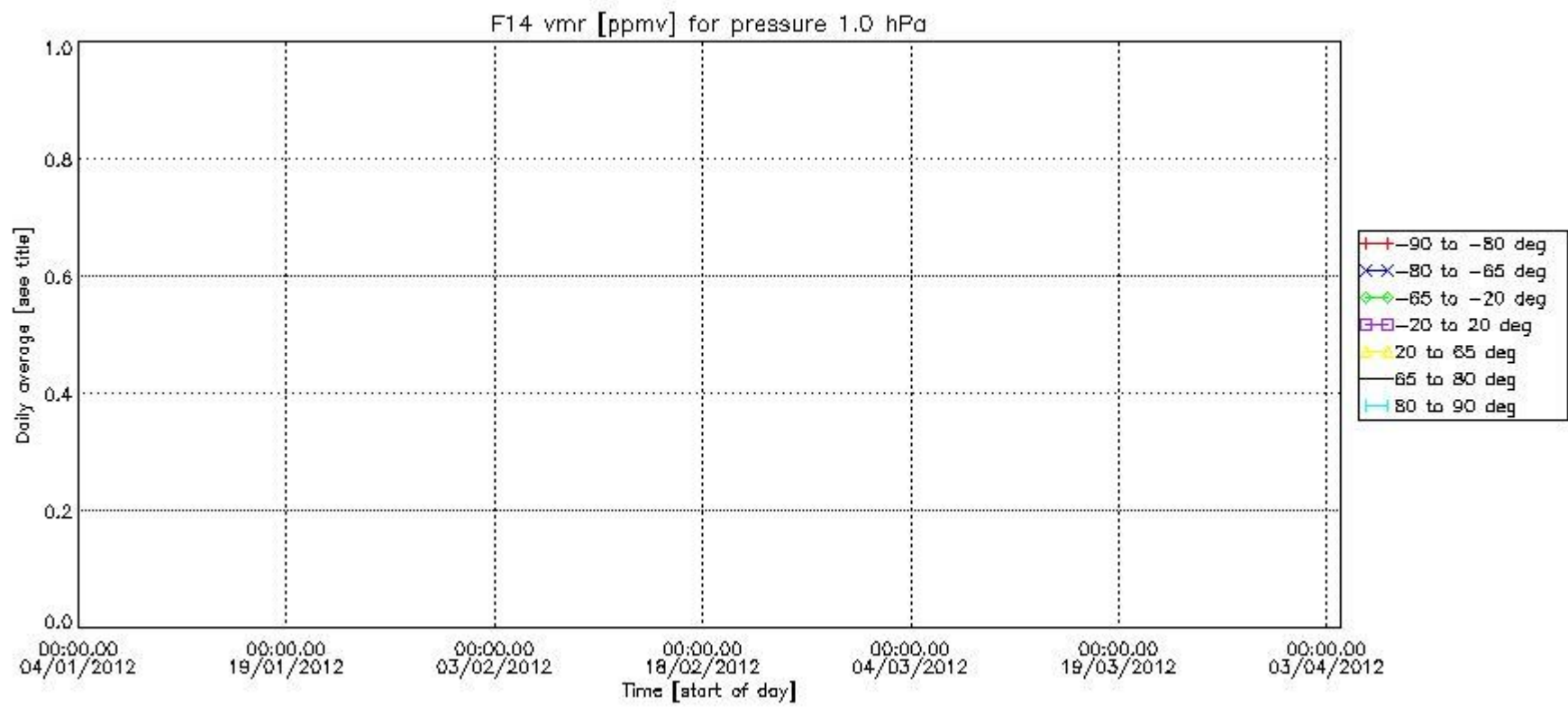
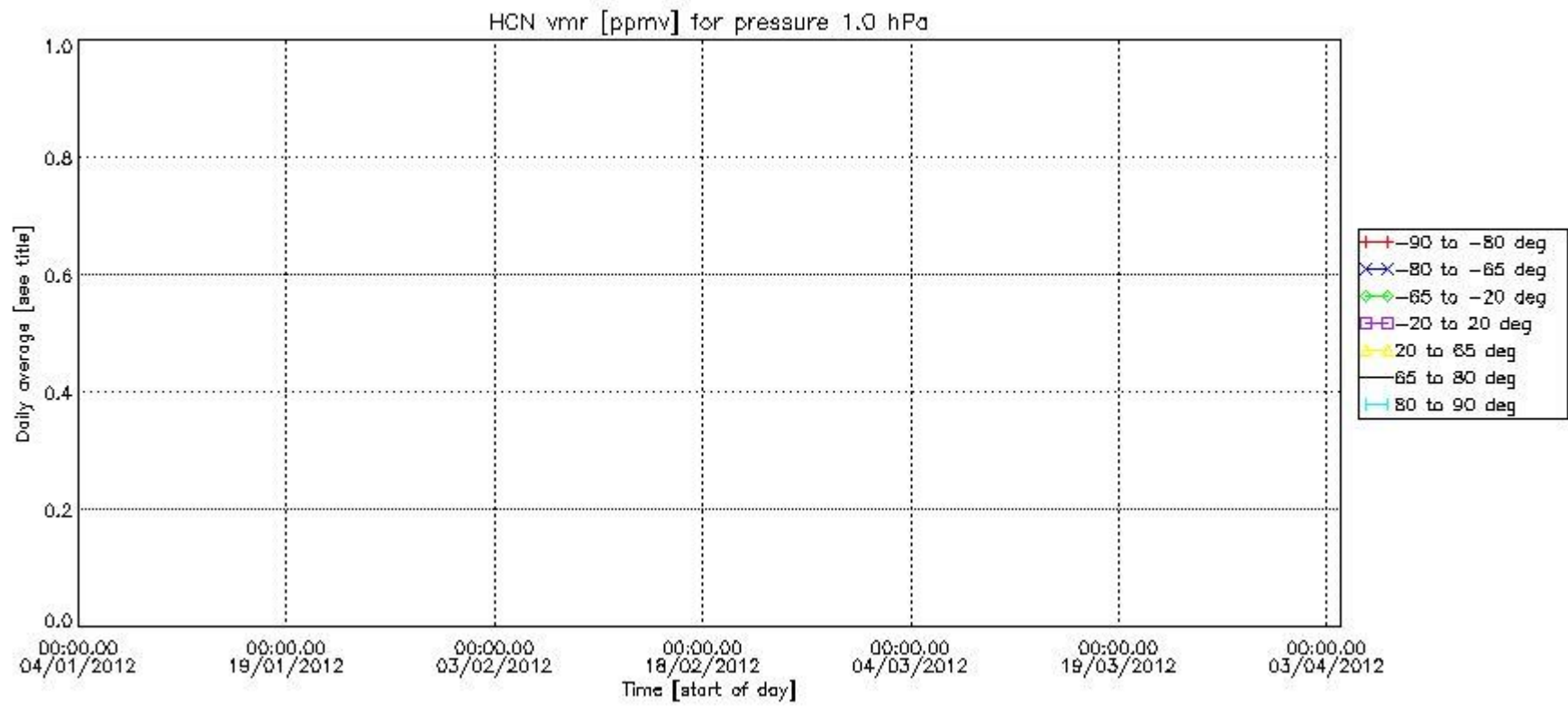


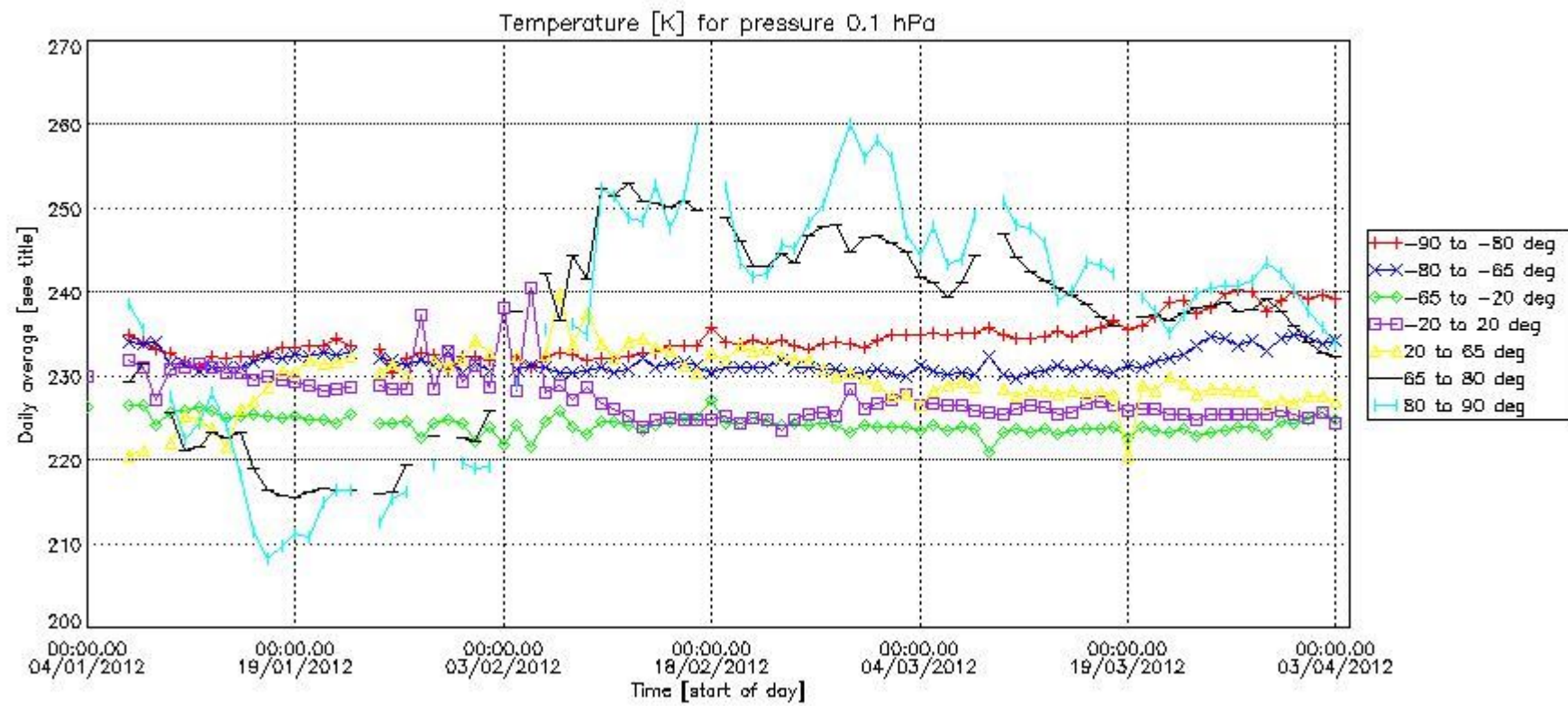
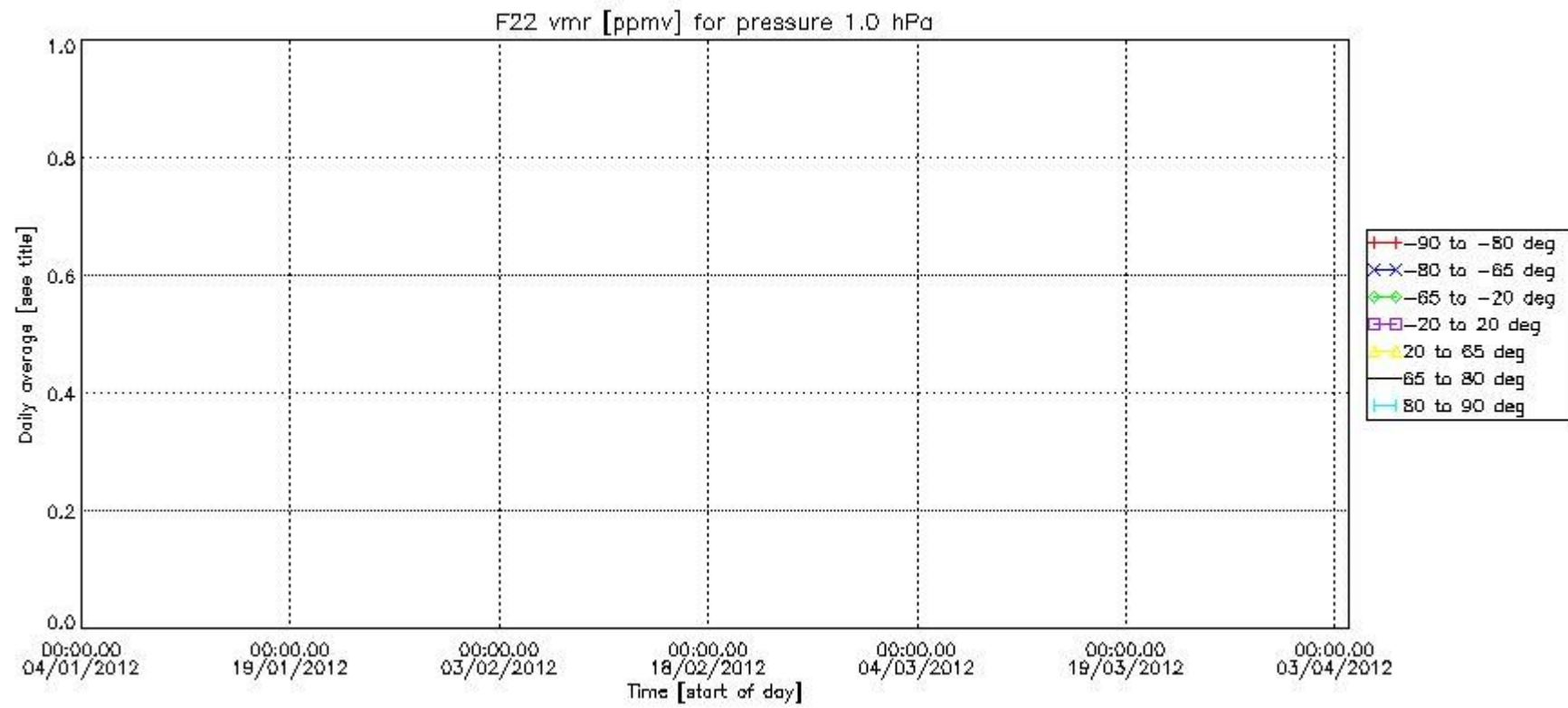


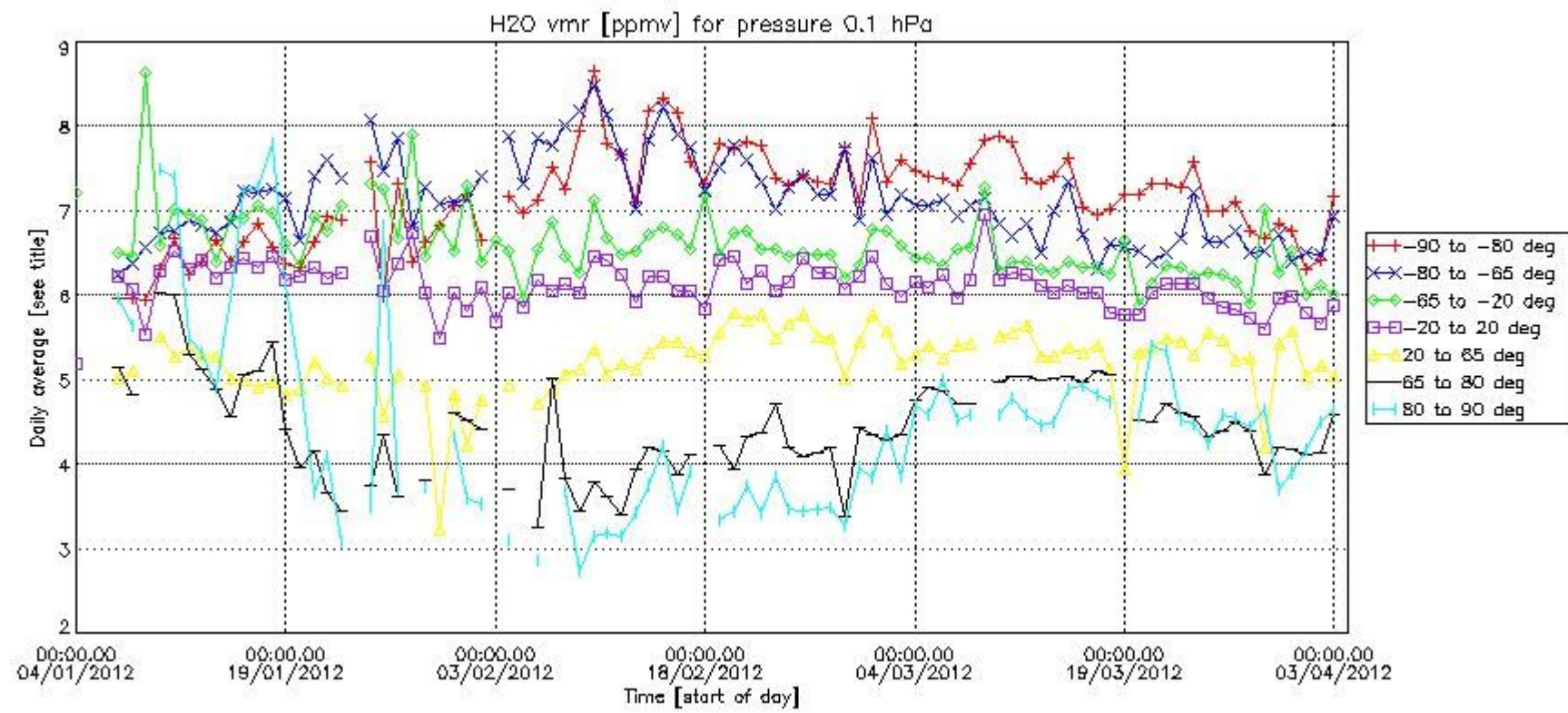
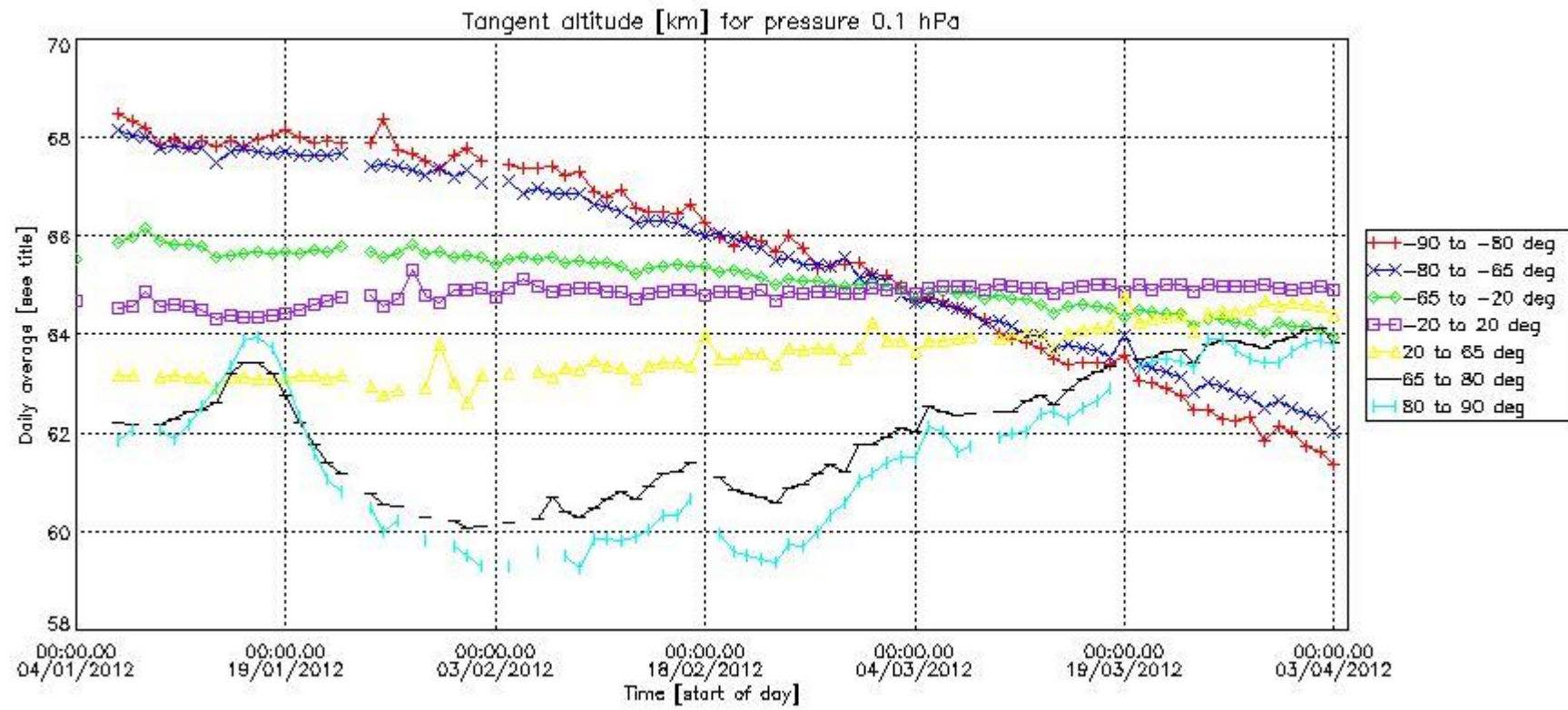


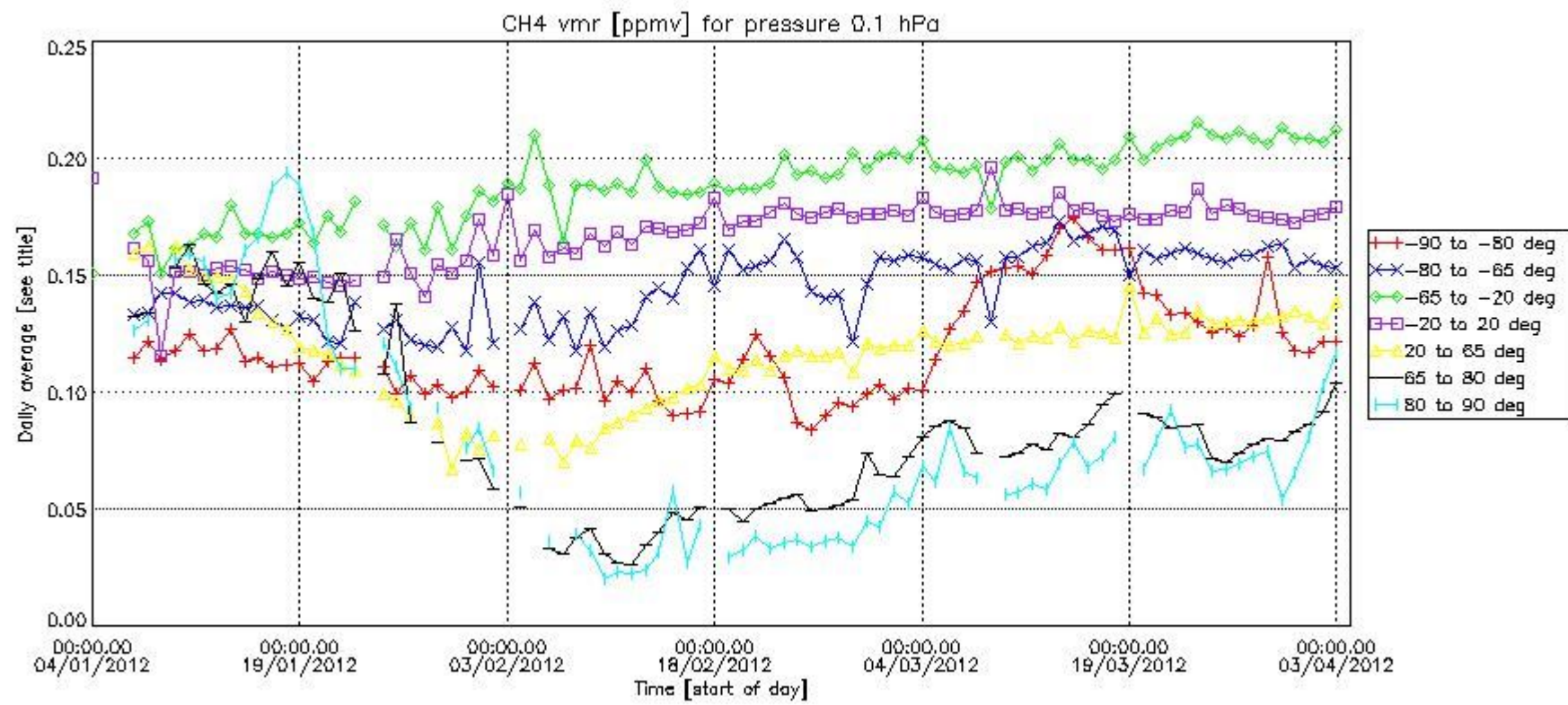
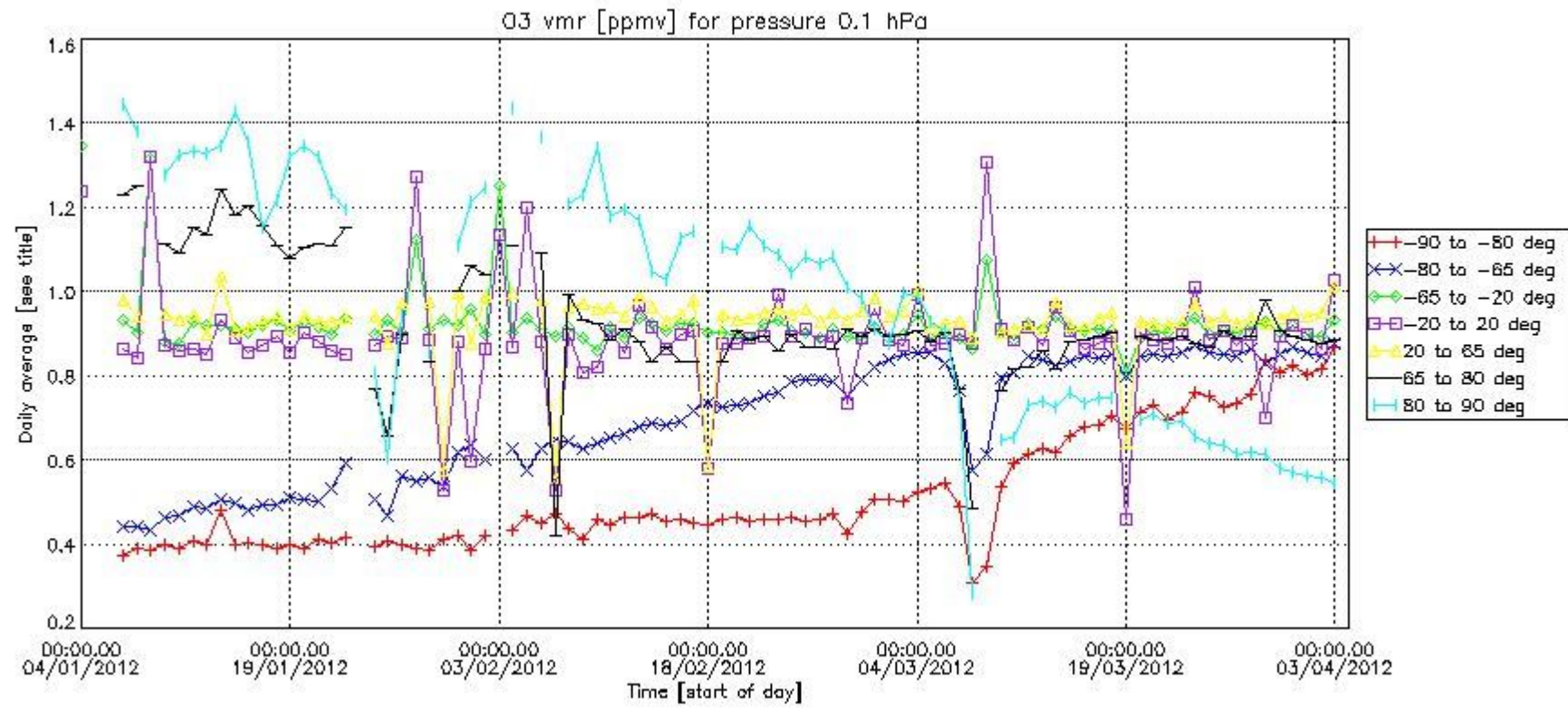


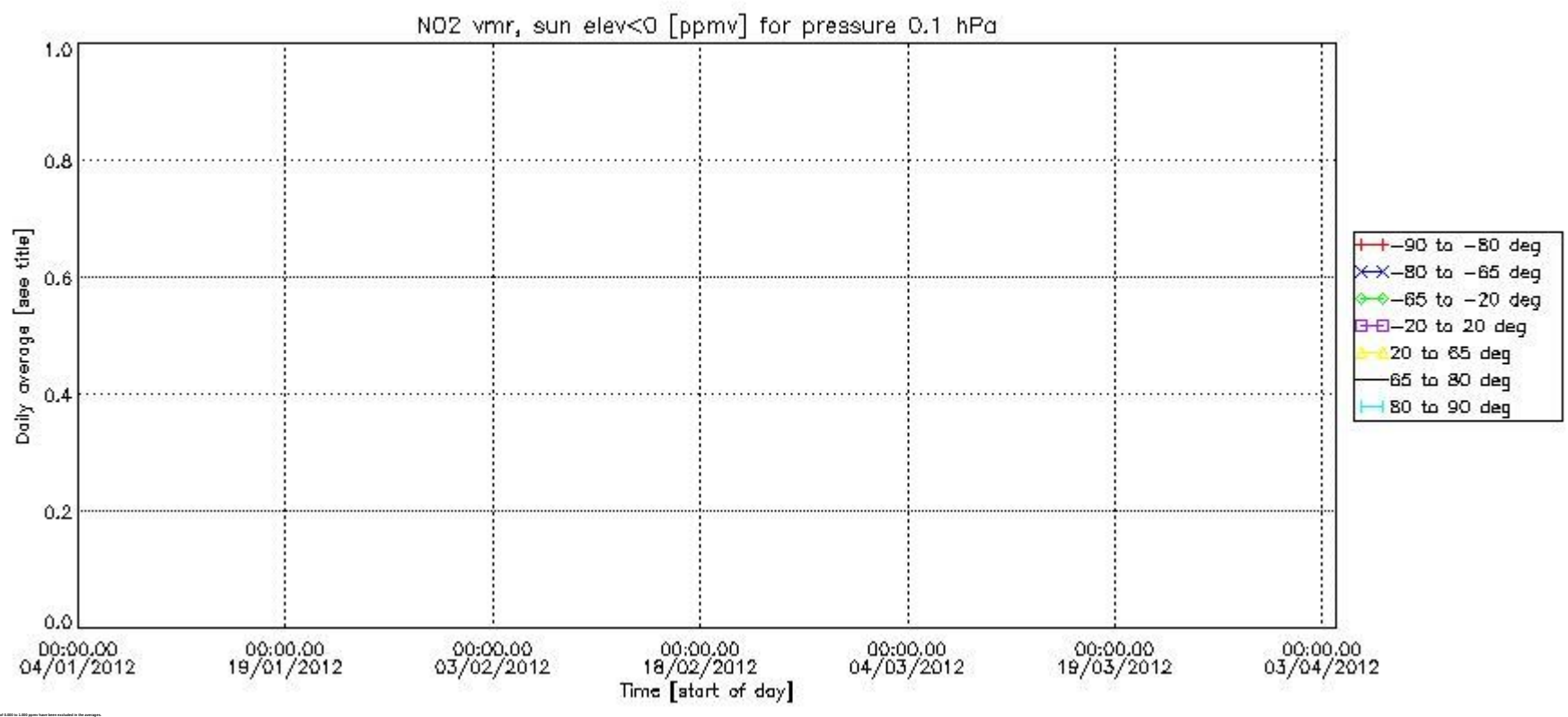
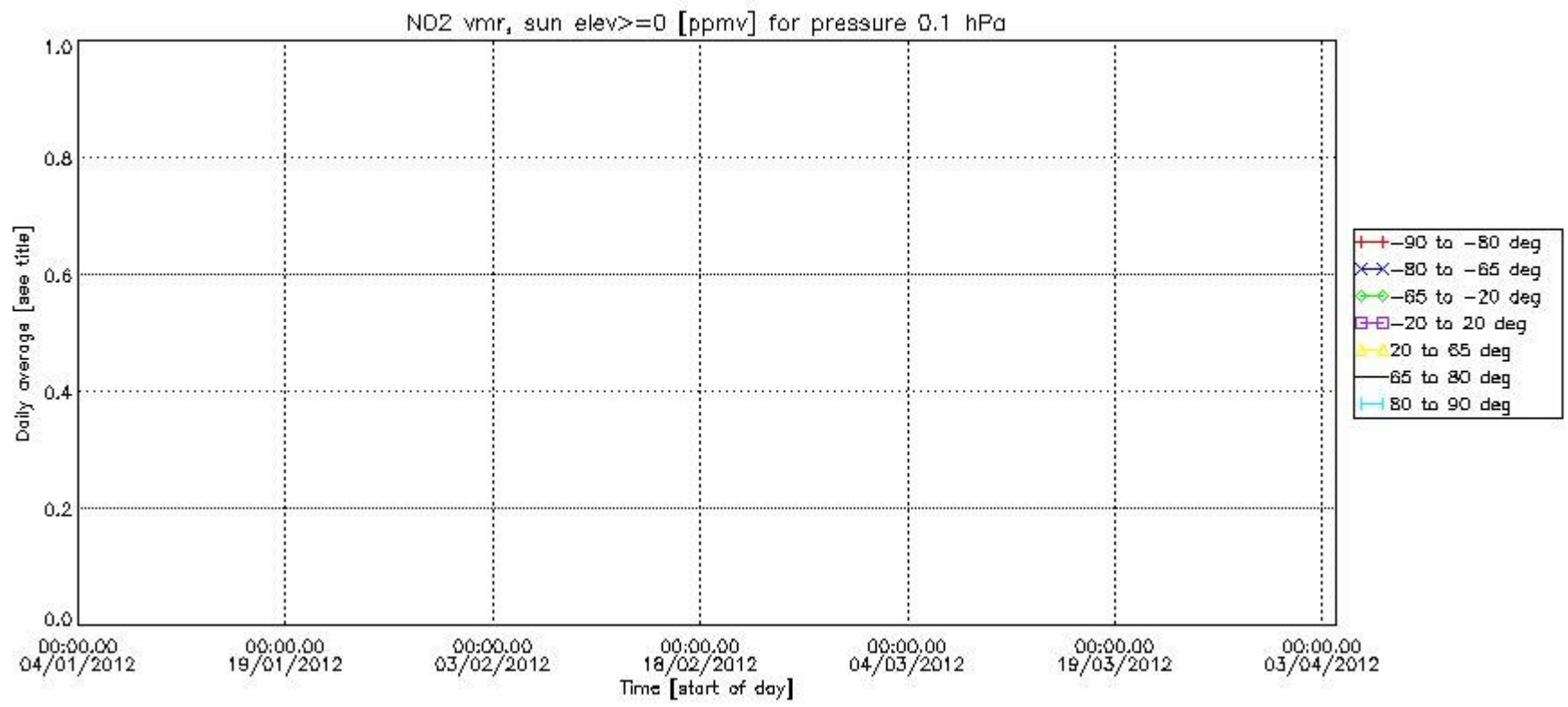


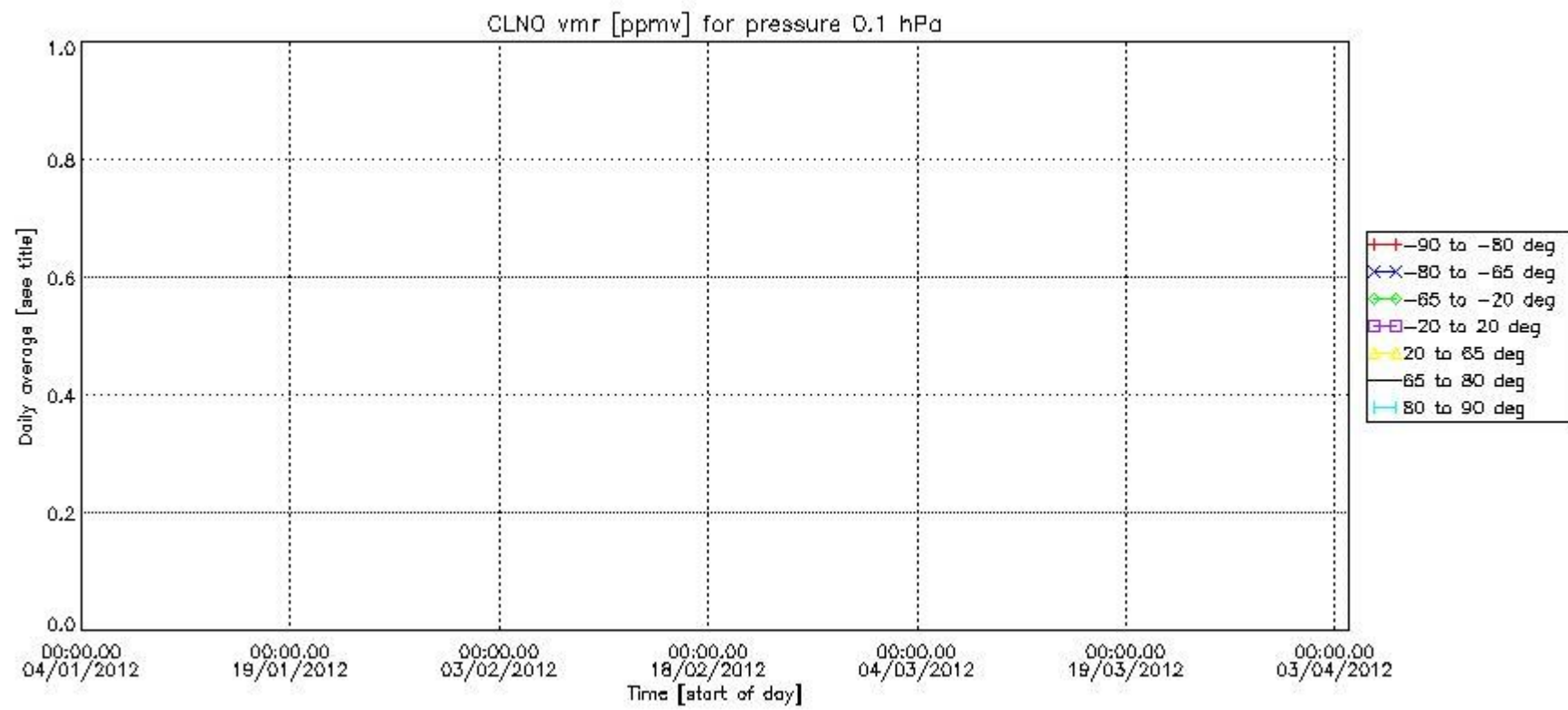
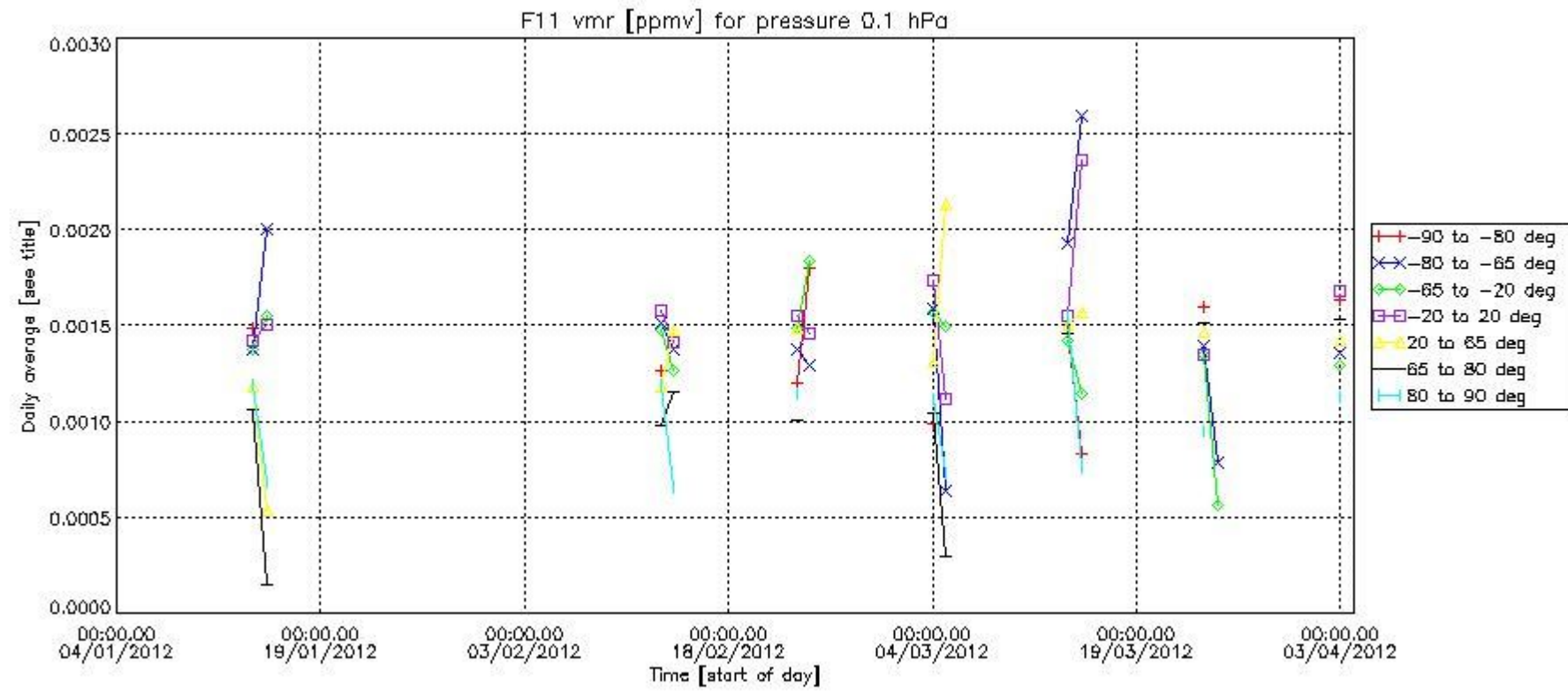


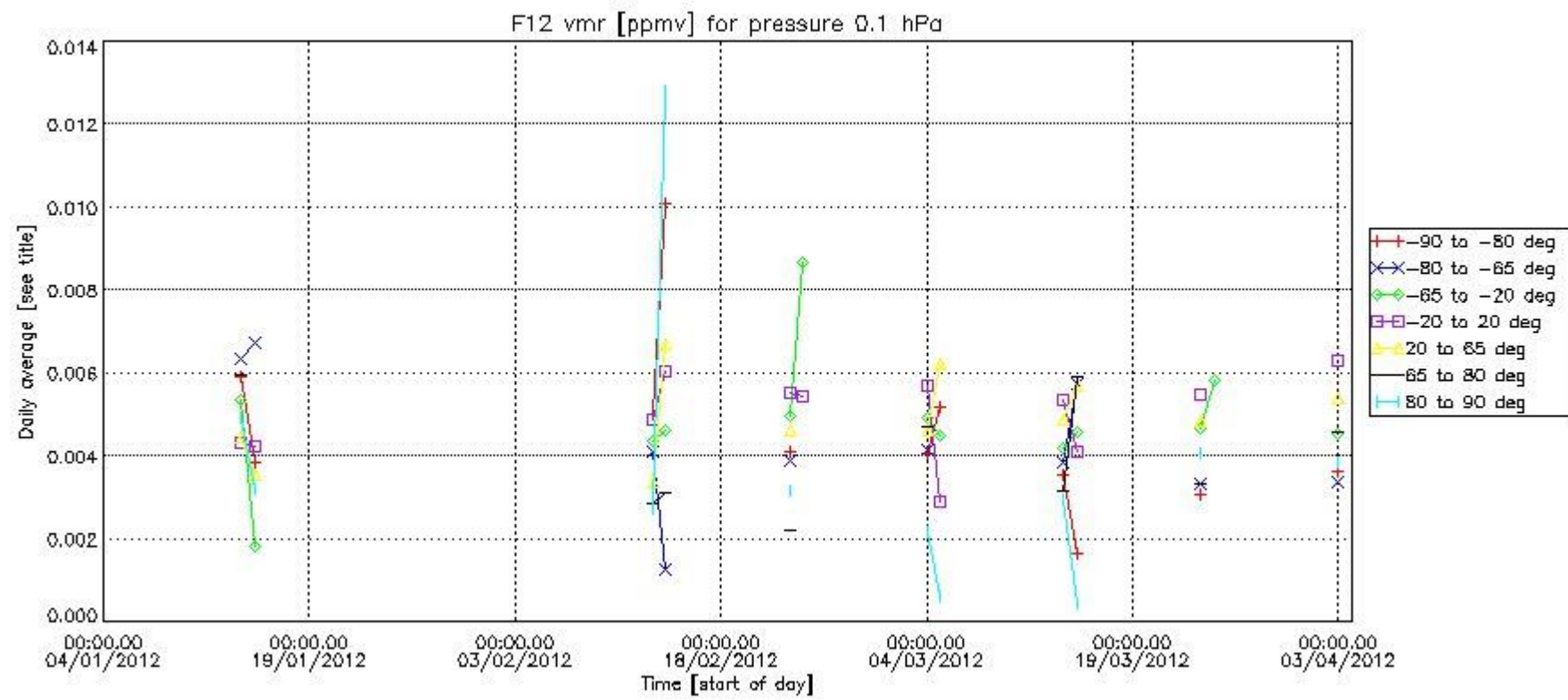
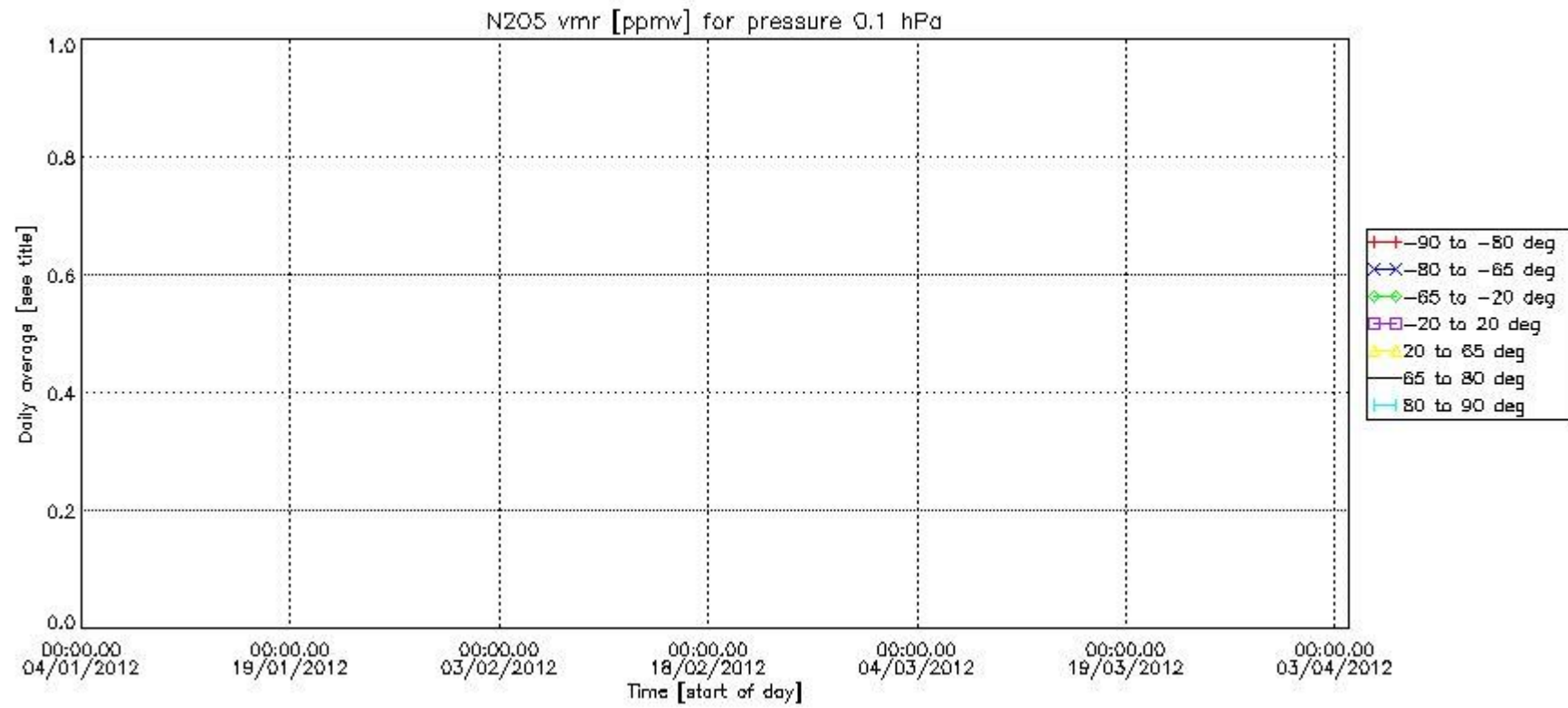


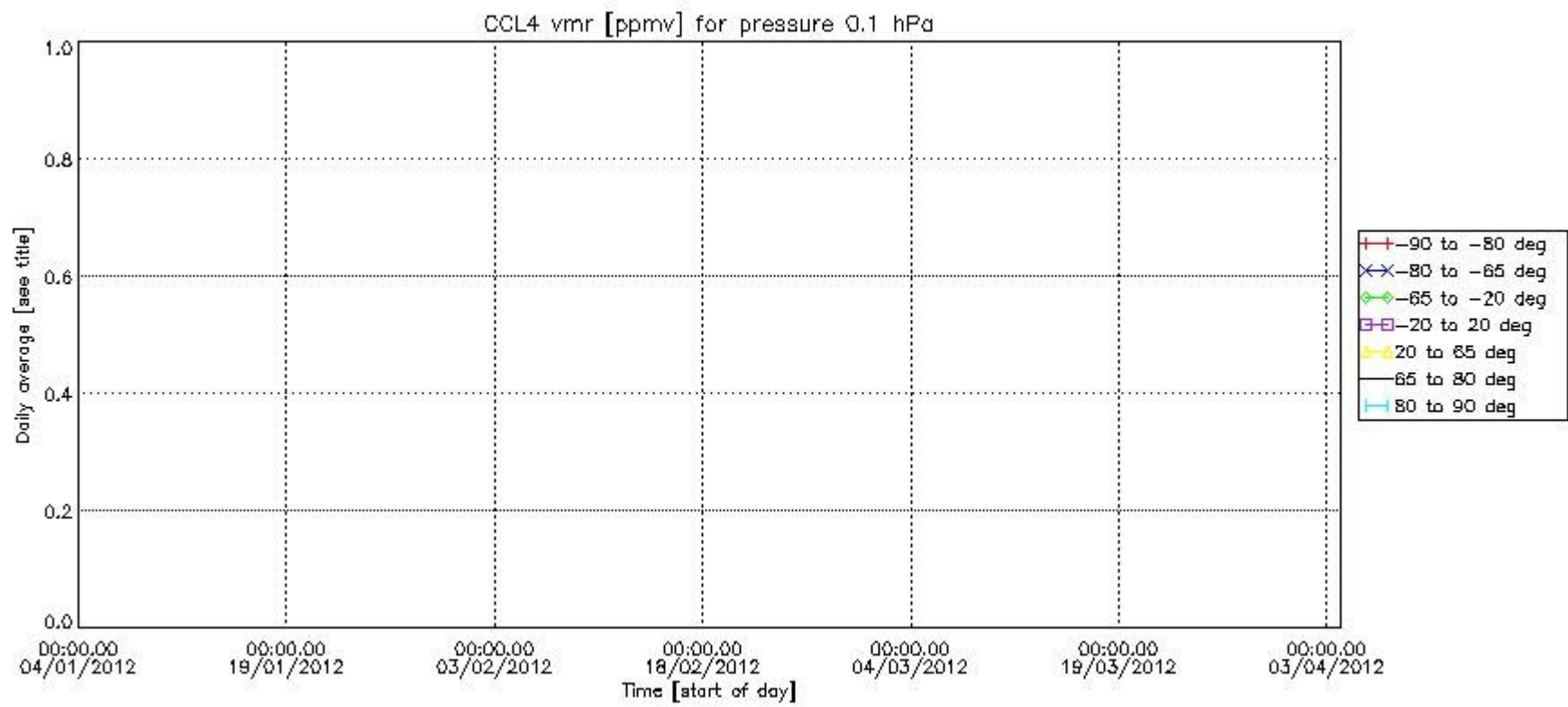
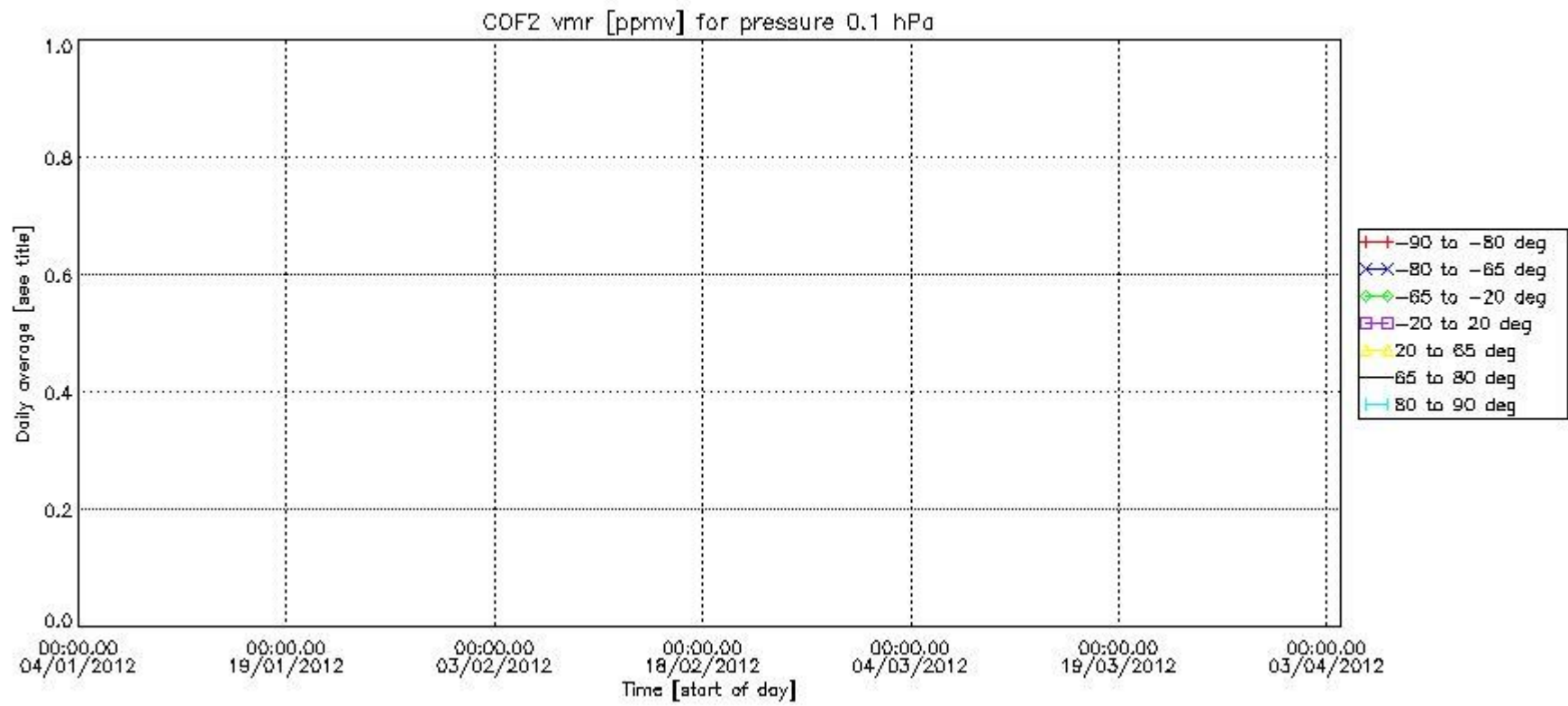


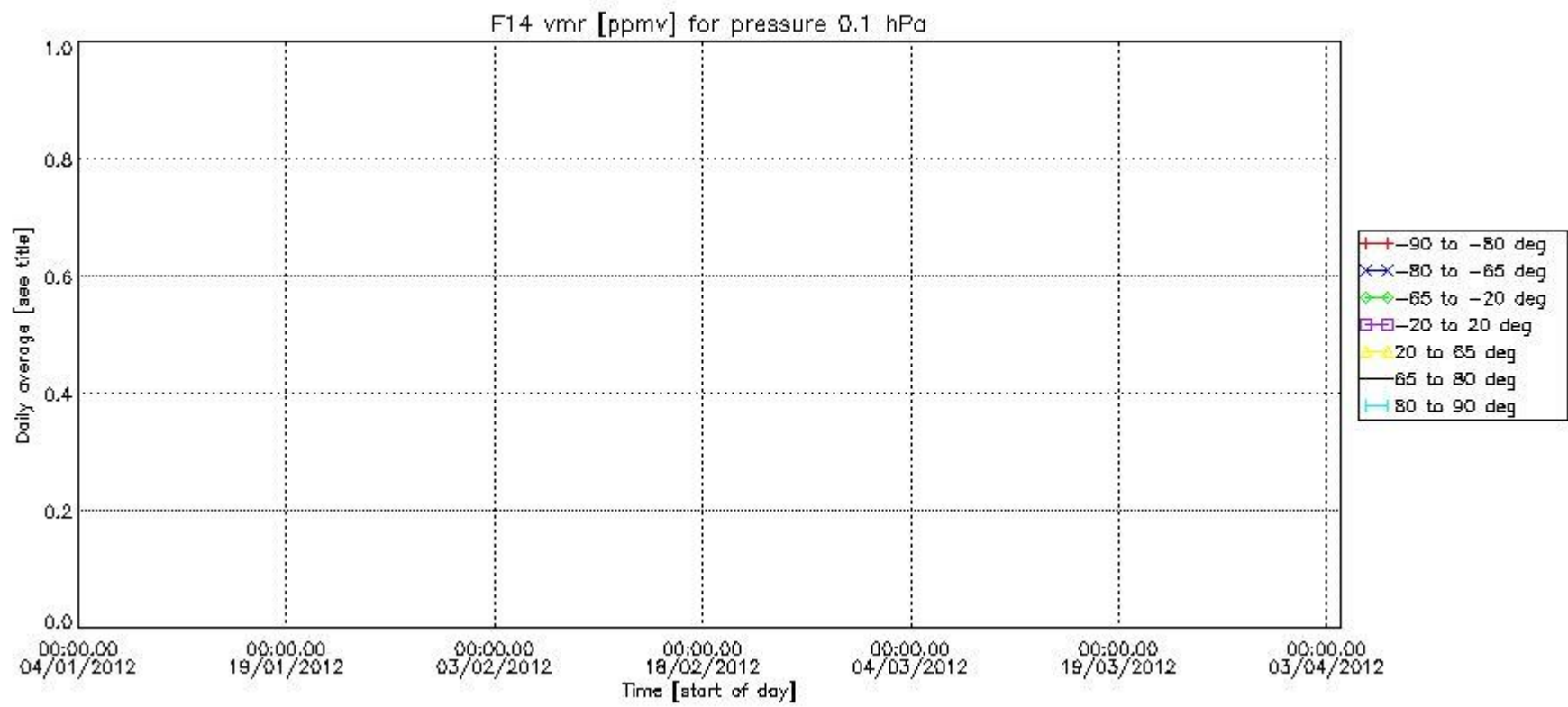
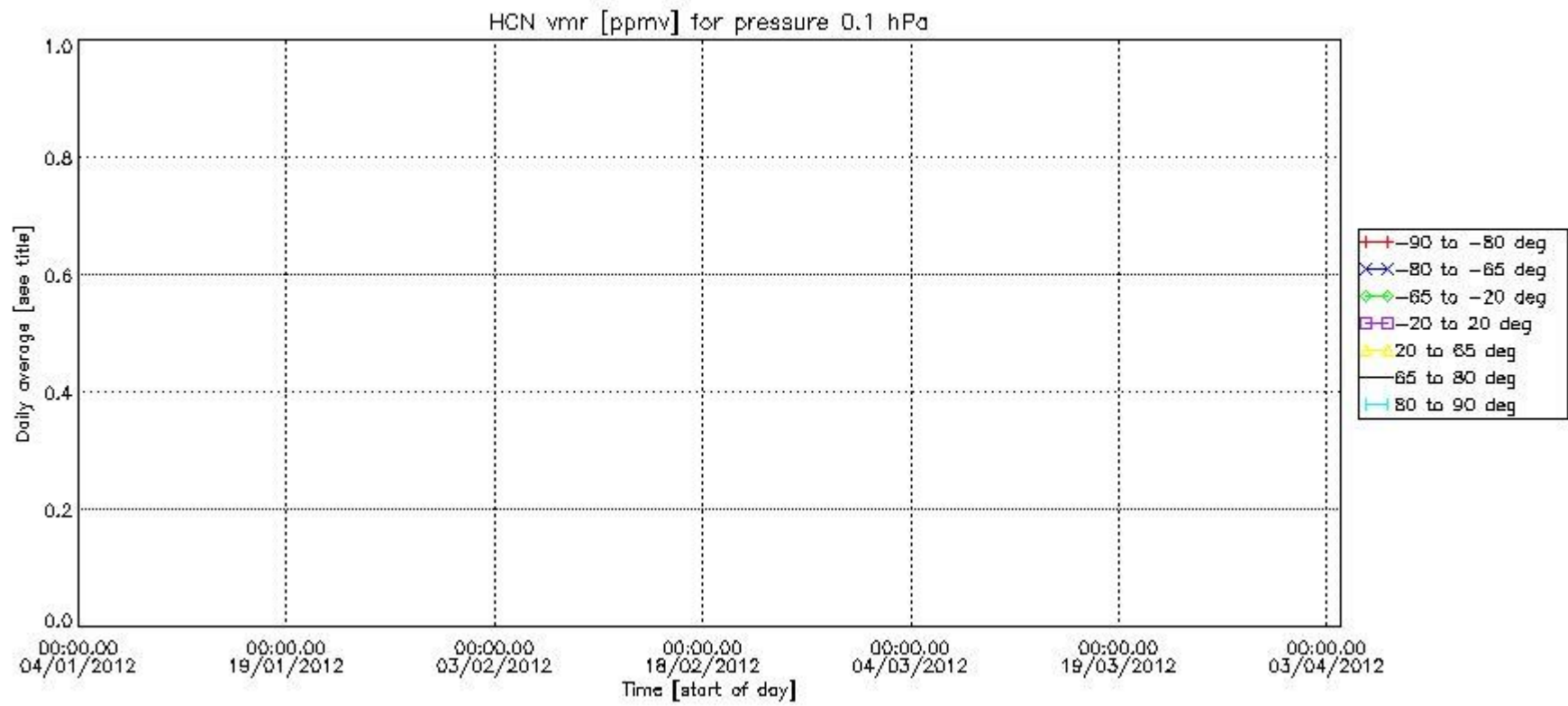


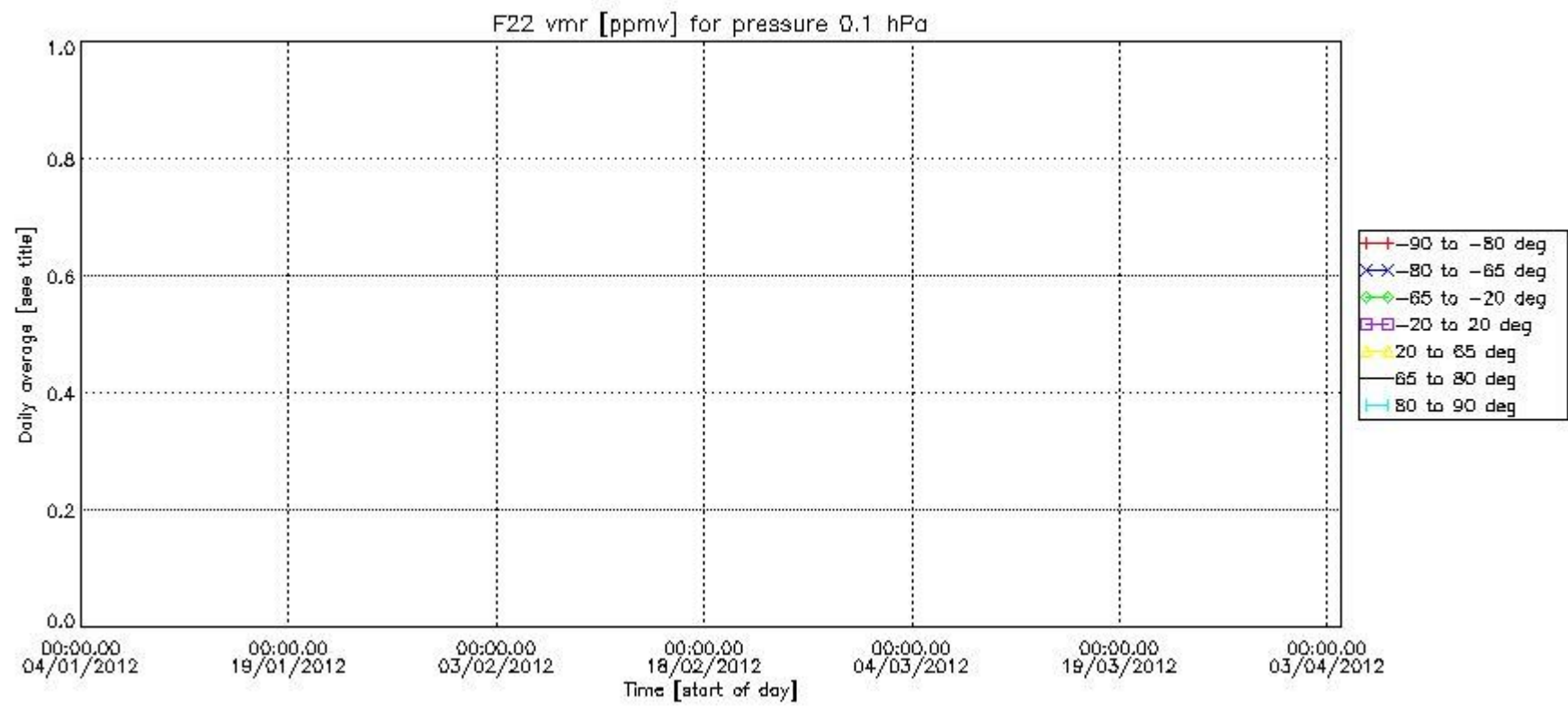












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

