

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20120404.html](#) for a detailed report).

2.1. General Info

- [2.1.1 Report summary](#)
- [2.1.2 Summary per product](#)

2.2 Processing performance indicators

- [2.2.1 Successful retrievals](#)
- [2.2.2 Pressure overview](#)
- [2.2.3 Temperature overview](#)
- [2.2.4 Species overview](#)
- [2.2.5 History of daily averages](#)

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 06:17:31
Data source version	ML2PP/7.03-W
Processing scope for products	04APR2012 00:00:00 to 05APR2012 00:00:00
Start time of first product within scope	03APR2012 23:32:12
Stop time of last product within scope	05APR2012 00:35:17
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.

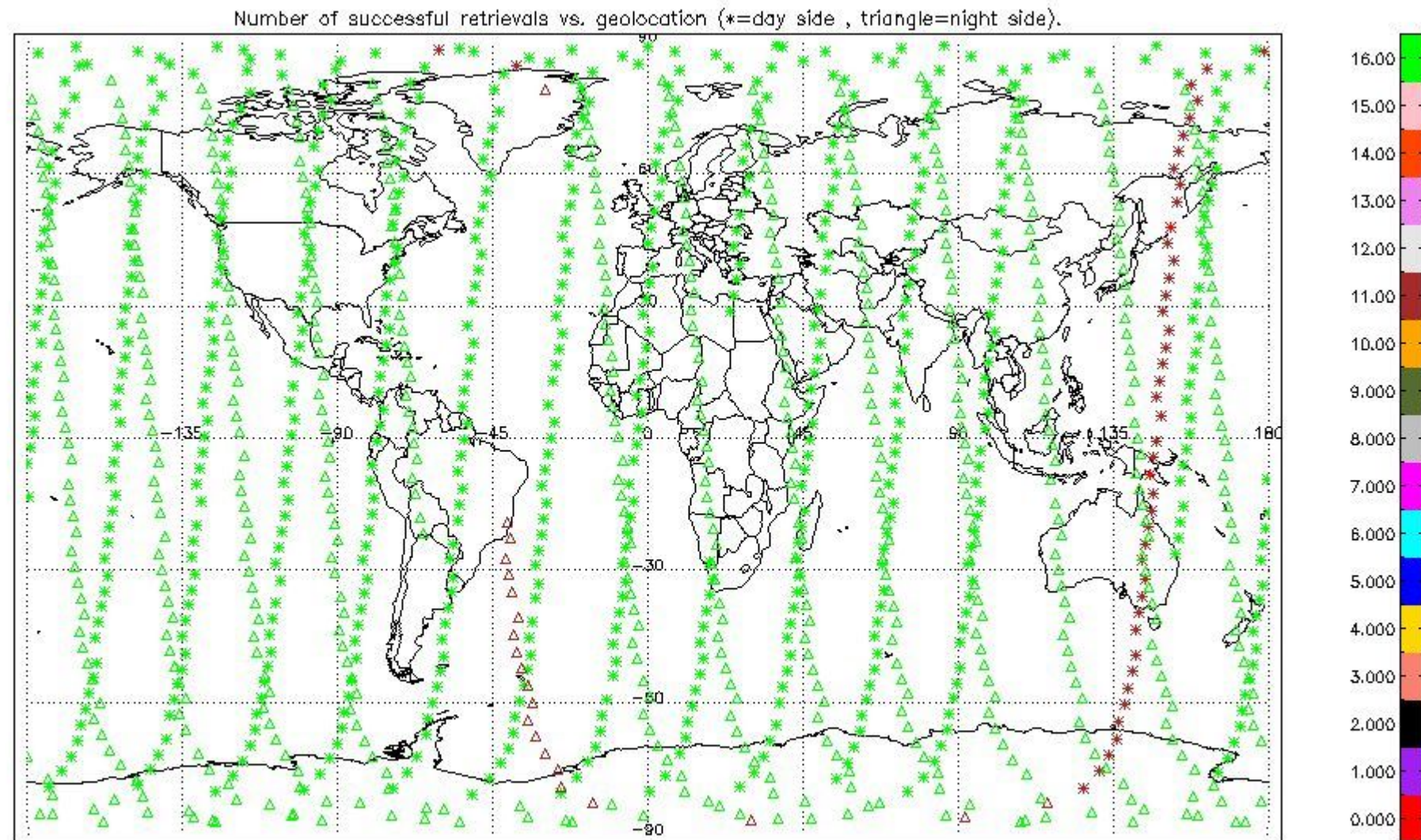
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20120403_233212_000059913113_00203_52803_1000.N1	03APR2012 23:32:12	04APR2012 01:12:03	0	89/89	
1	MIP_NL__2PWDSI20120404_011209_000001233113_00204_52804_1000.N1	04APR2012 01:12:09	04APR2012 01:14:13	0	2/2	
2	MIP_NL__2PWDSI20120404_025254_000059833113_00205_52805_1000.N1	04APR2012 02:52:54	04APR2012 04:32:37	0	95/95	VMR_TERM_MACRO_MICRO[F14/macro:3; HCN/micro:1]
3	MIP_NL__2PWDSI20120404_043244_000060143113_00206_52806_1000.N1	04APR2012 04:32:44	04APR2012 06:12:58	0	96/96	VMR_TERM_MACRO_MICRO[HCN/micro:1]
4	MIP_NL__2PWDSI20120404_061304_000060143113_00207_52807_1000.N1	04APR2012 06:13:04	04APR2012 07:53:19	0	96/96	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:1; F14/micro:1]
5	MIP_NL__2PWDSI20120404_075325_000060223113_00208_52808_1000.N1	04APR2012 07:53:25	04APR2012 09:33:46	0	82/82	VMR_TERM_MACRO_MICRO[N2O/macro:1; F14/macro:1]
6	MIP_NL__2PWDSI20120404_093353_000059543113_00209_52809_1000.N1	04APR2012 09:33:53	04APR2012 11:13:06	0	95/95	VMR_TERM_MACRO_MICRO[F14/macro:2; O3/micro:1; COF2/micro:1]
7	MIP_NL__2PWDSI20120404_111342_000060143113_00210_52810_1000.N1	04APR2012 11:13:42	04APR2012 12:53:56	0	96/96	VMR_TERM_MACRO_MICRO[HCN/micro:1]
8	MIP_NL__2PWDSI20120404_125403_000060143113_00211_52811_1000.N1	04APR2012 12:54:03	04APR2012 14:34:17	0	96/96	VMR_TERM_MACRO_MICRO[HCN/micro:1]
9	MIP_NL__2PWDSI20120404_143423_000059833113_00212_52812_1000.N1	04APR2012 14:34:23	04APR2012 16:14:06	0	95/95	VMR_TERM_MACRO_MICRO[F14/macro:1]
10	MIP_NL__2PWDSI20120404_161412_000060143113_00213_52813_1000.N1	04APR2012 16:14:12	04APR2012 17:54:27	0	96/96	VMR_TERM_MACRO_MICRO[HCN/micro:1]
11	MIP_NL__2PWDSI20120404_175433_000060143113_00214_52814_1000.N1	04APR2012 17:54:33	04APR2012 19:34:47	0	96/96	VMR_TERM_MACRO_MICRO[F14/macro:3; HCN/micro:2]
12	MIP_NL__2PWDSI20120404_193453_000059833113_00215_52815_1000.N1	04APR2012 19:34:53	04APR2012 21:14:36	0	95/95	VMR_TERM_MACRO_MICRO[F14/macro:3; HCN/micro:1]
13	MIP_NL__2PWDSI20120404_211443_000060143113_00216_52816_1000.N1	04APR2012 21:14:43	04APR2012 22:54:57	0	96/96	VMR_TERM_MACRO_MICRO[HCN/micro:1]
14	MIP_NL__2PWDSI20120404_225503_000060143113_00217_52817_1000.N1	04APR2012 22:55:03	05APR2012 00:35:17	0	96/96	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]

2.2 Processing performance indicators

2.2.1 Successful retrievals

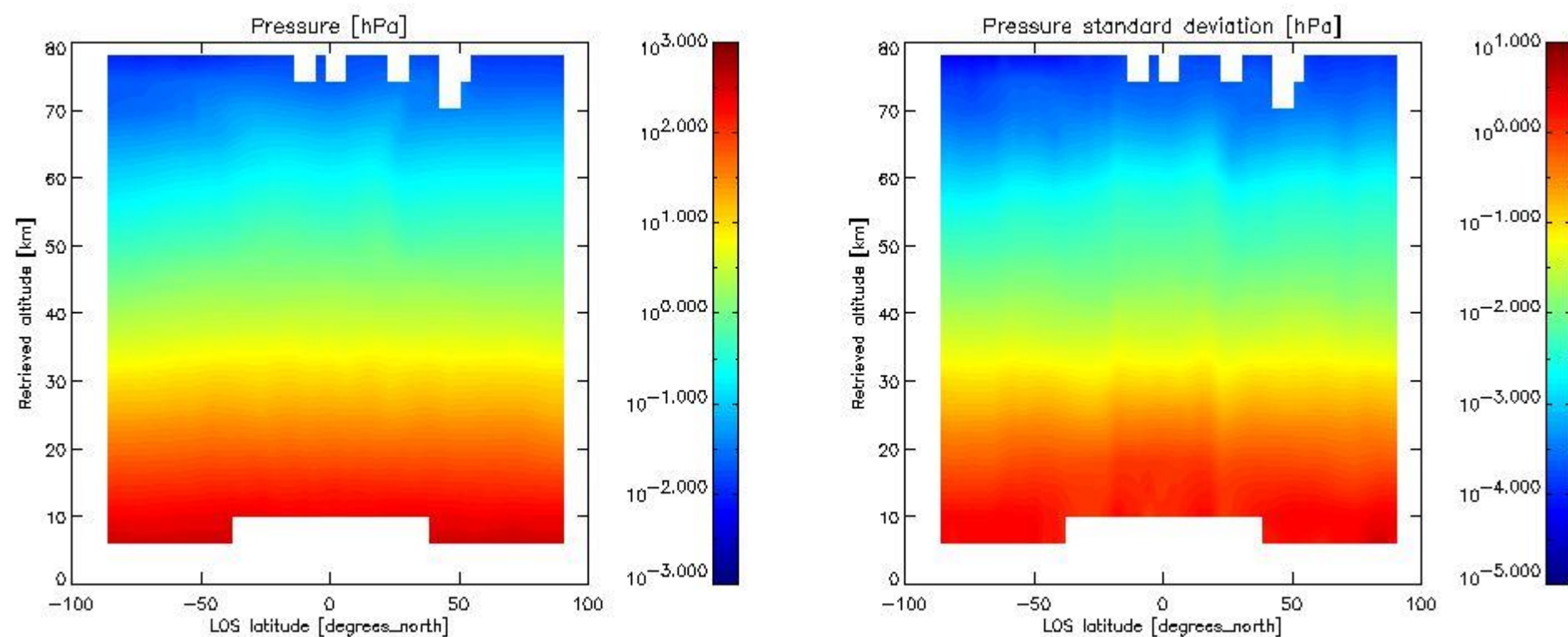
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1321	1260	95.382
H2O	1321	1260	95.382
O3	1321	1260	95.382
HNO3	1321	1260	95.382
CH4	1321	1260	95.382
N2O	1321	1260	95.382
NO2	1321	1260	95.382
F11	1321	1260	95.382
CLNO	1321	1260	95.382
N2O5	1321	1260	95.382
F12	1321	1260	95.382
COF2	1321	1196	90.537
CCL4	1321	1196	90.537
HCN	1321	1196	90.537
F14	1321	1196	90.537
F22	1321	1196	90.537



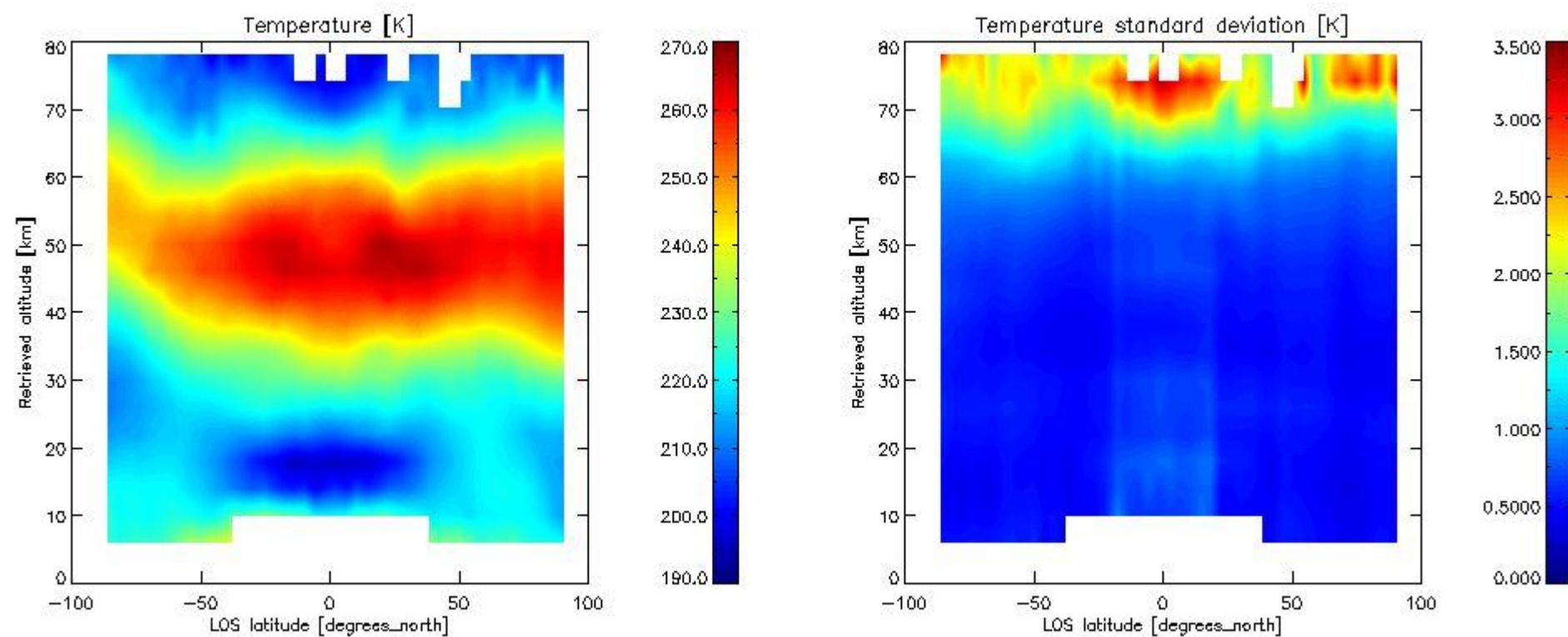
2.2.2 Pressure overview

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



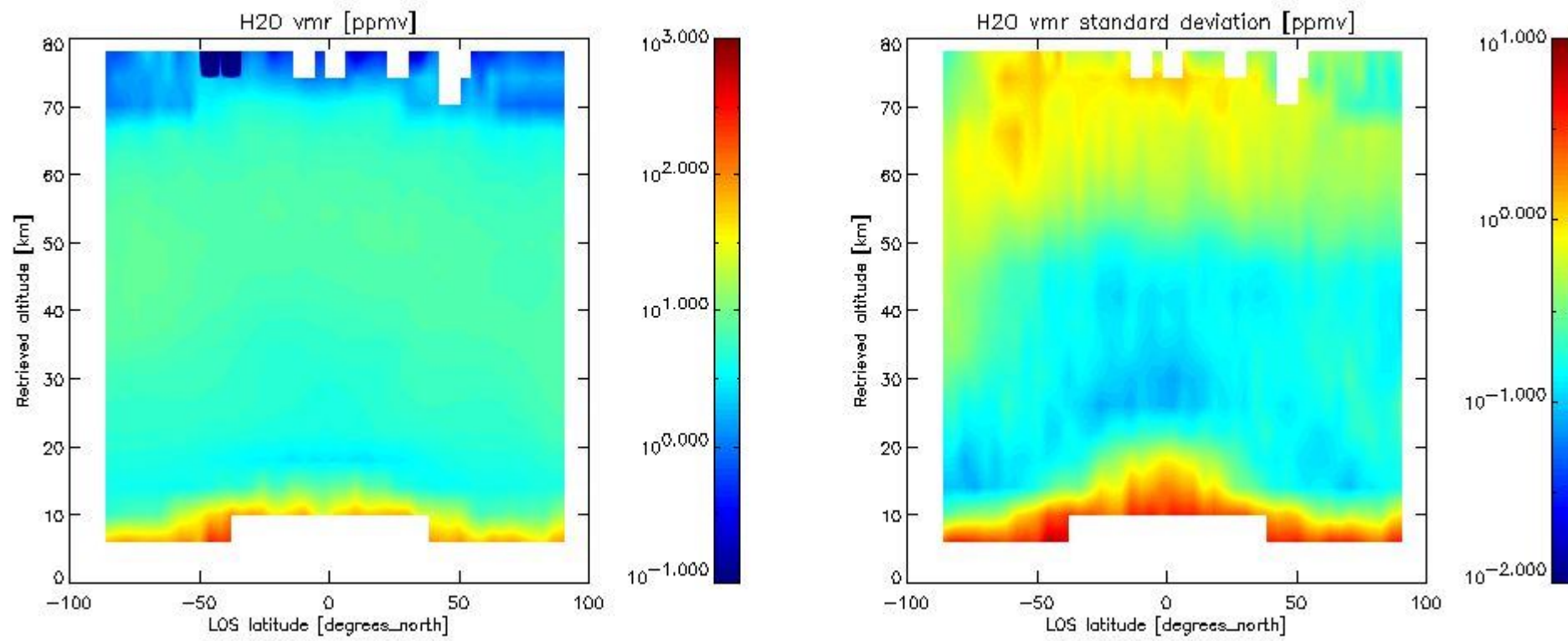
2.2.3 Temperature overview

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

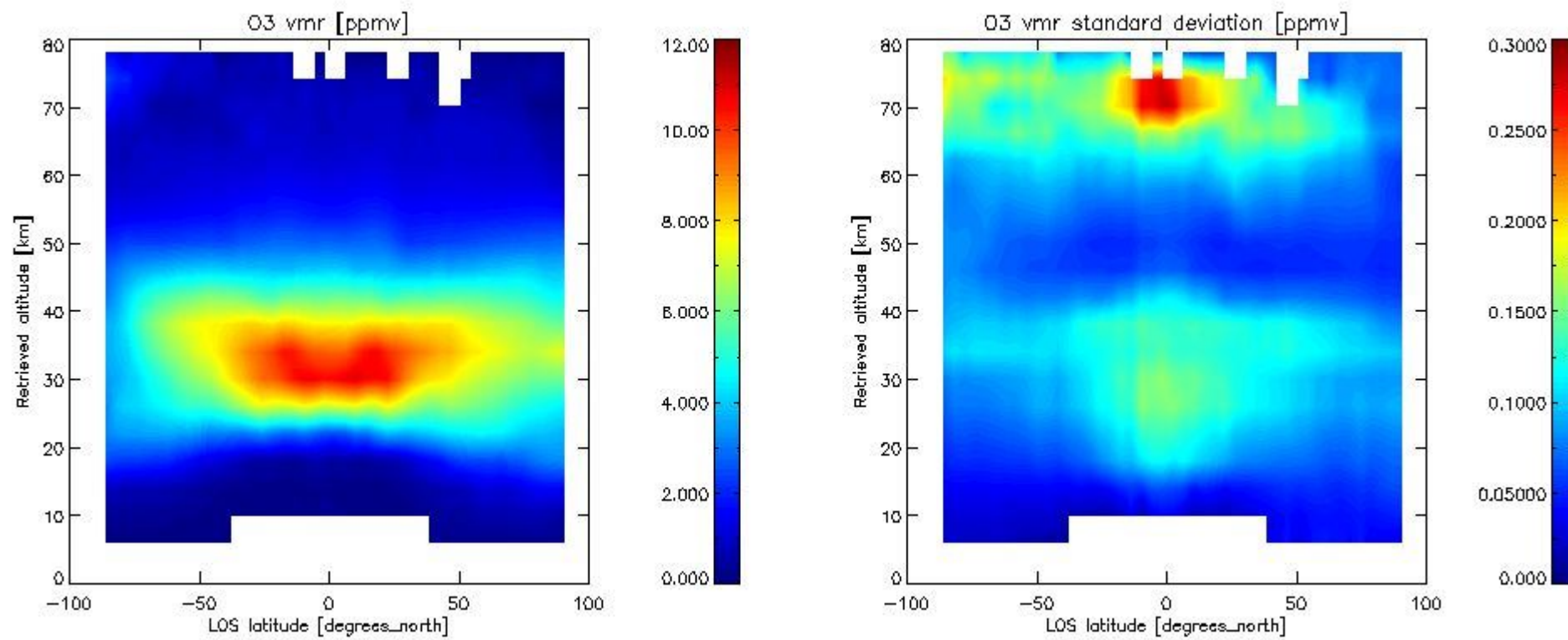


2.2.4 Species overview

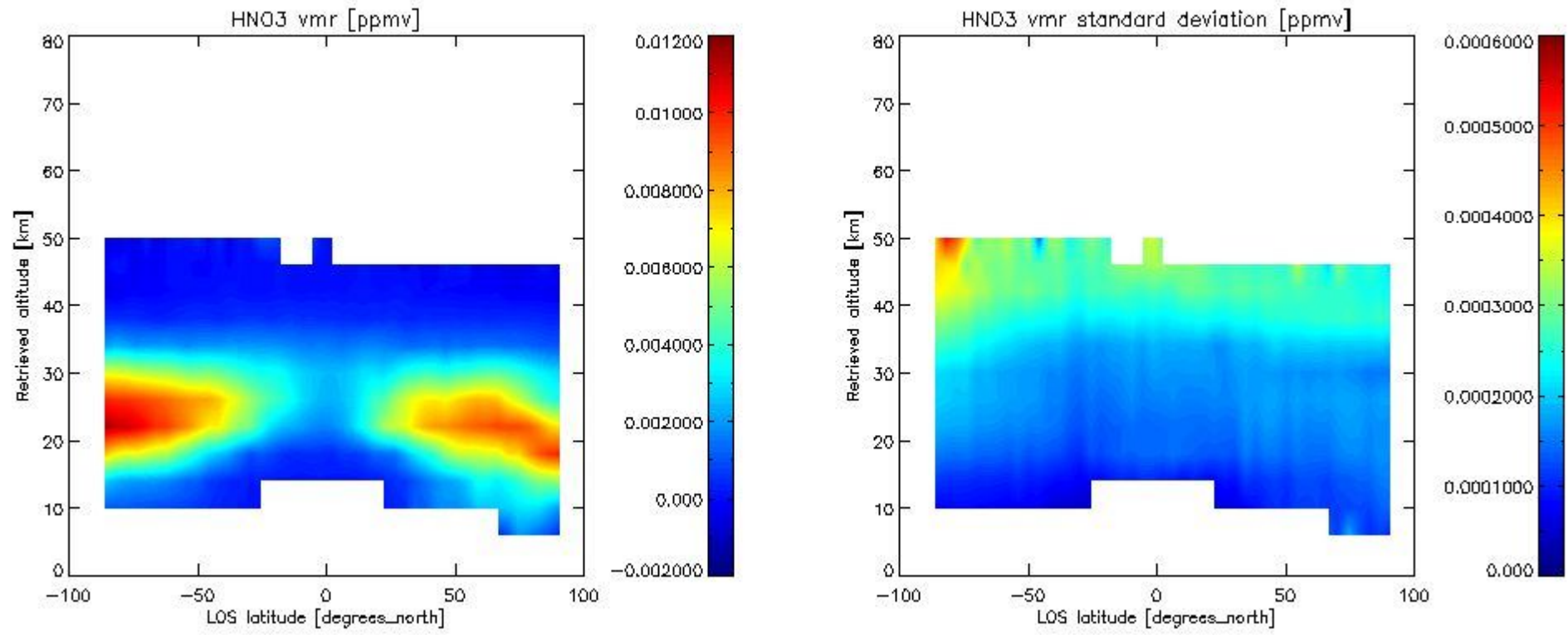
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



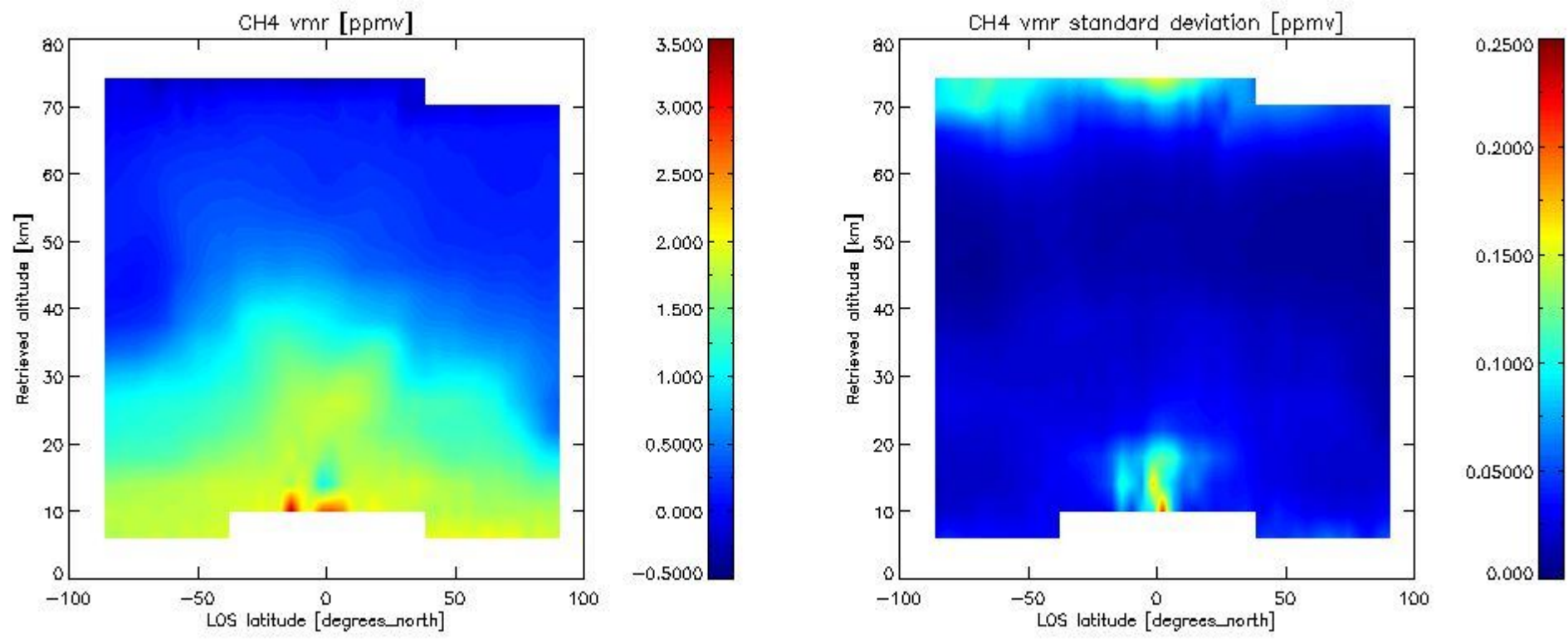
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



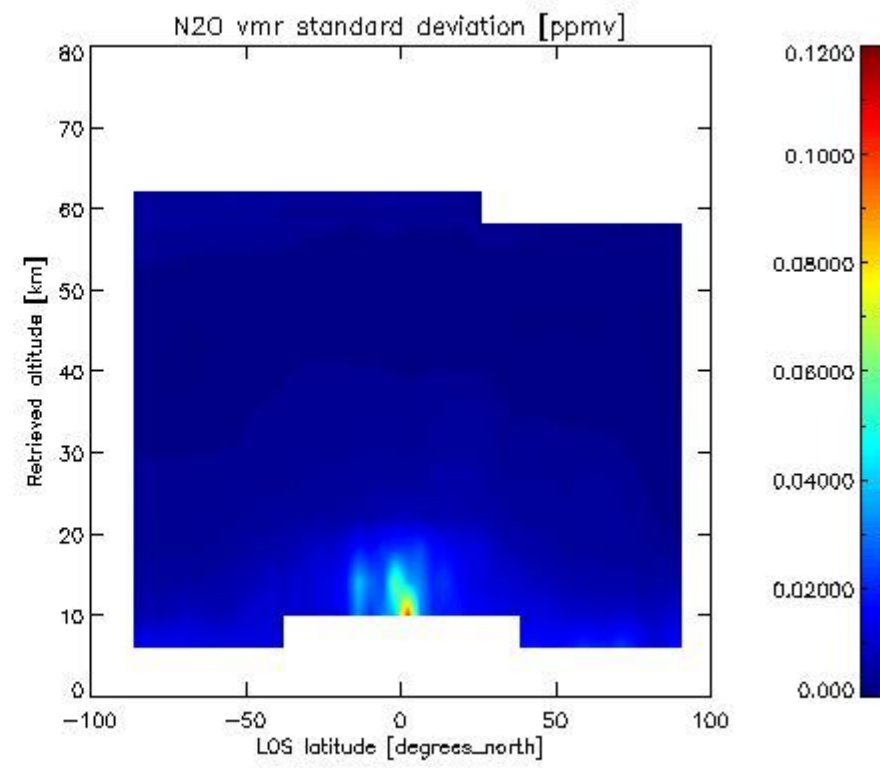
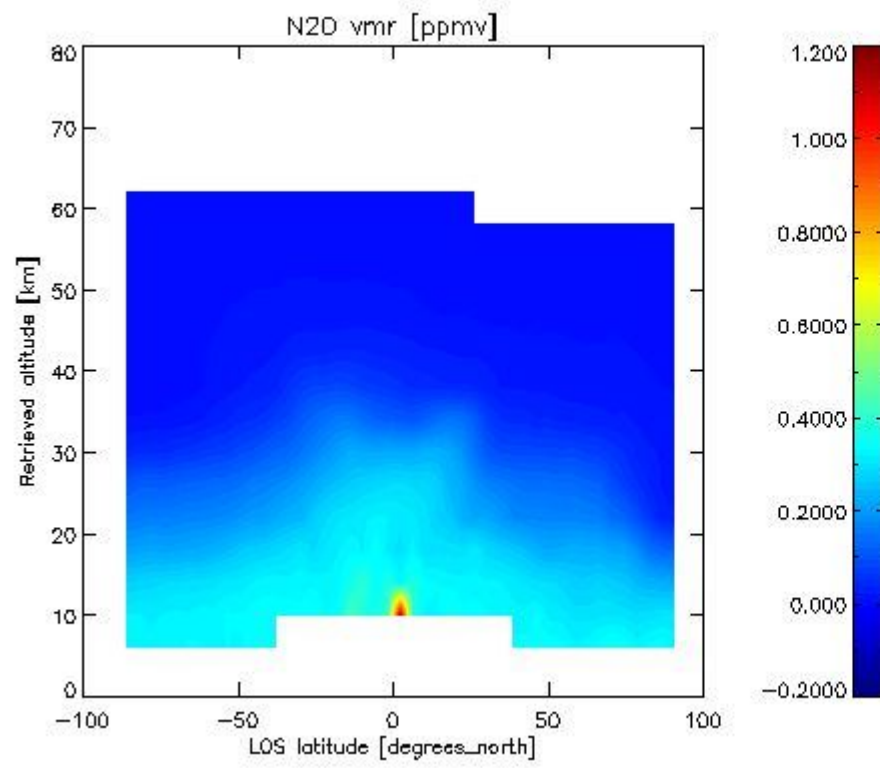
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



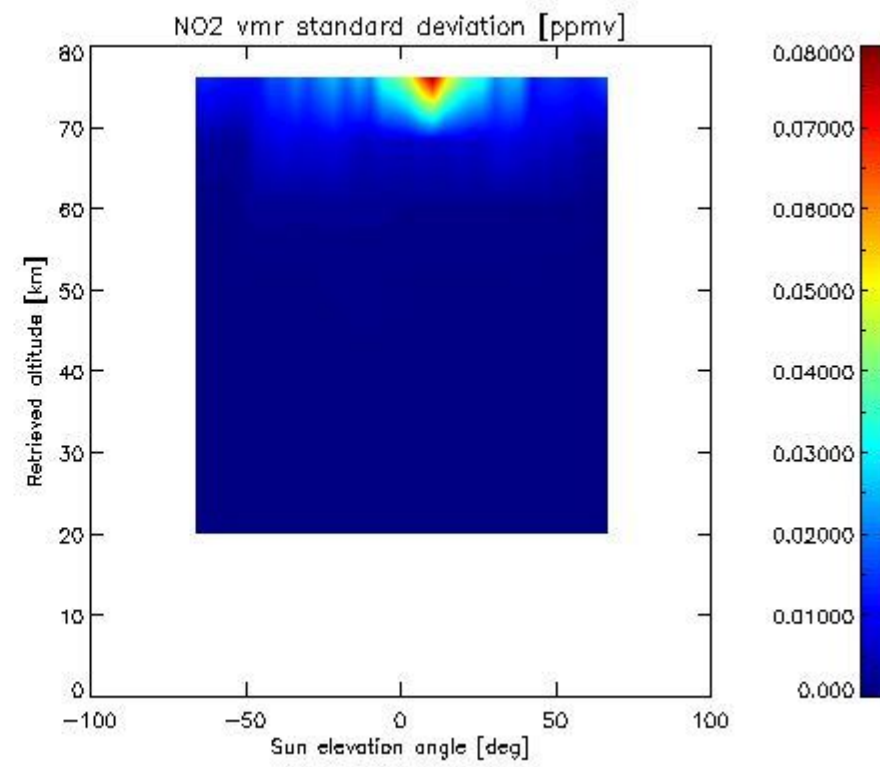
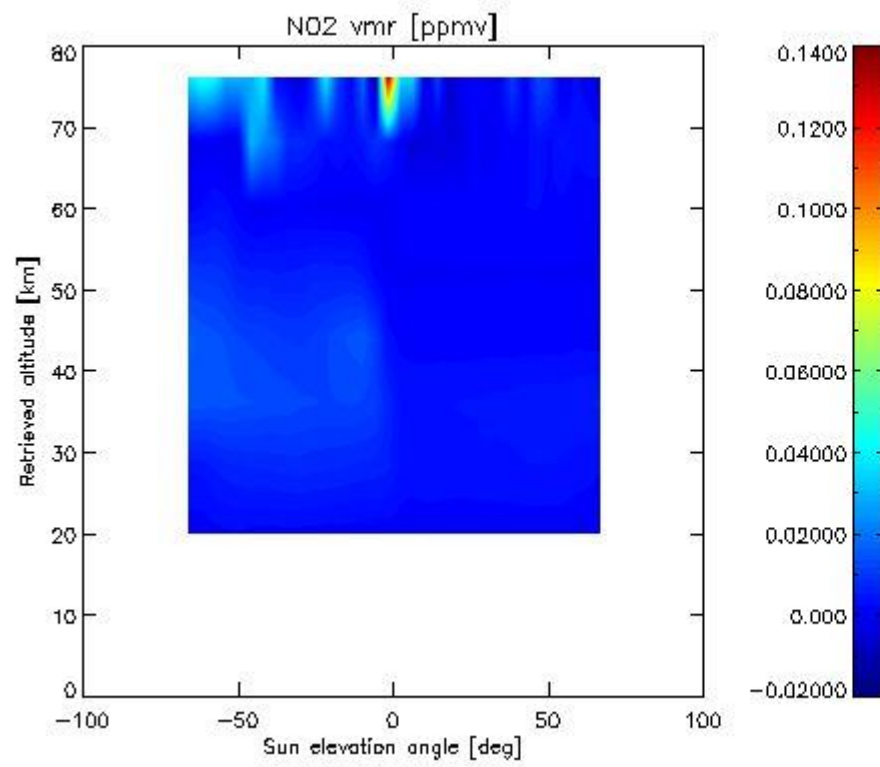
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



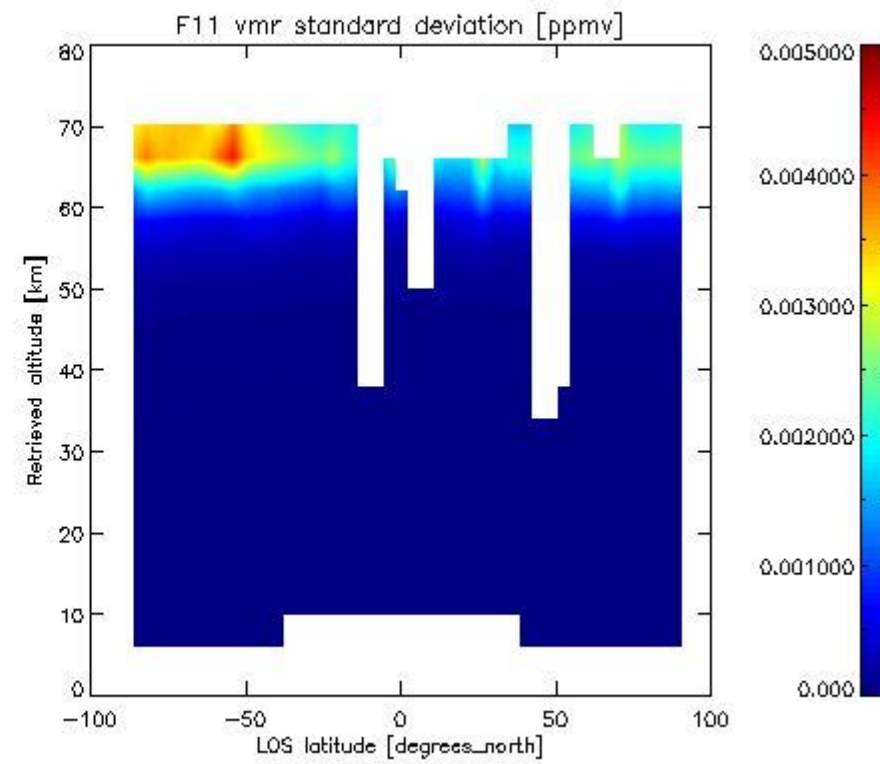
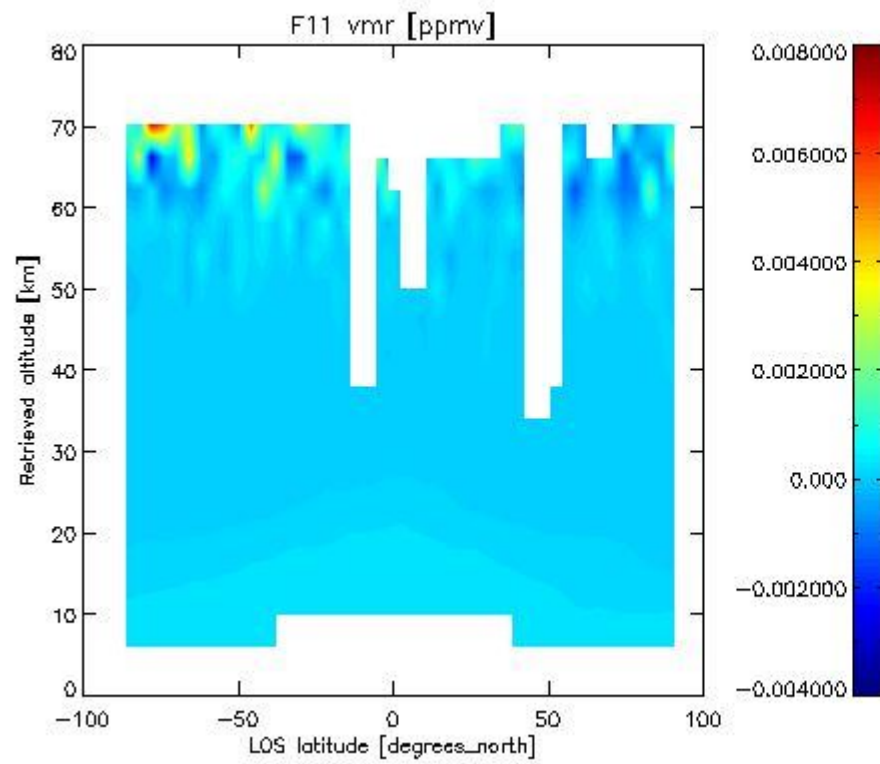
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



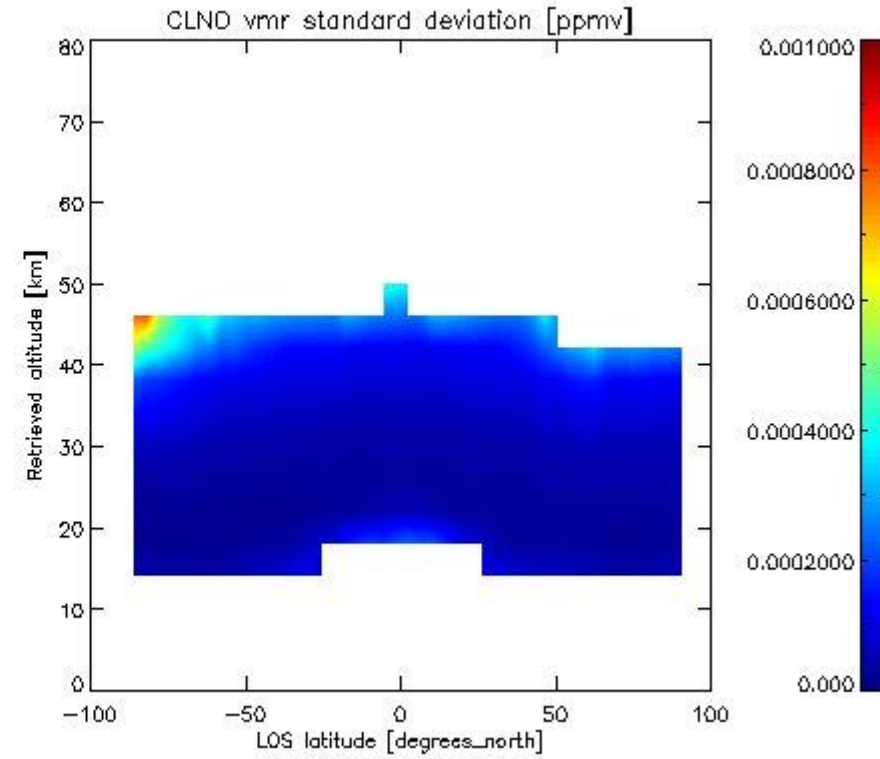
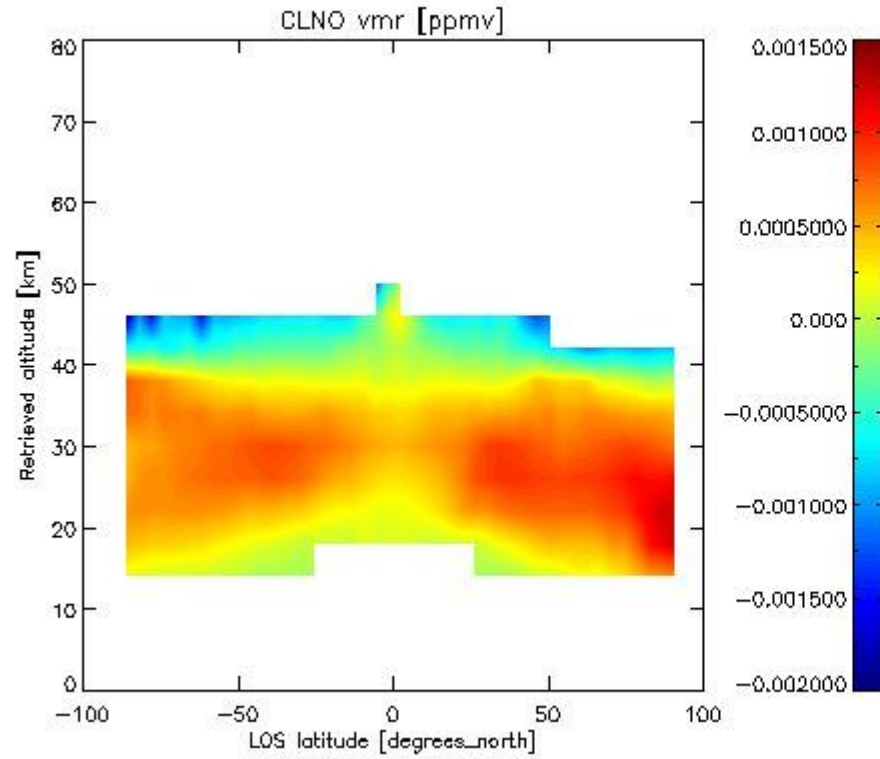
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 8 km.



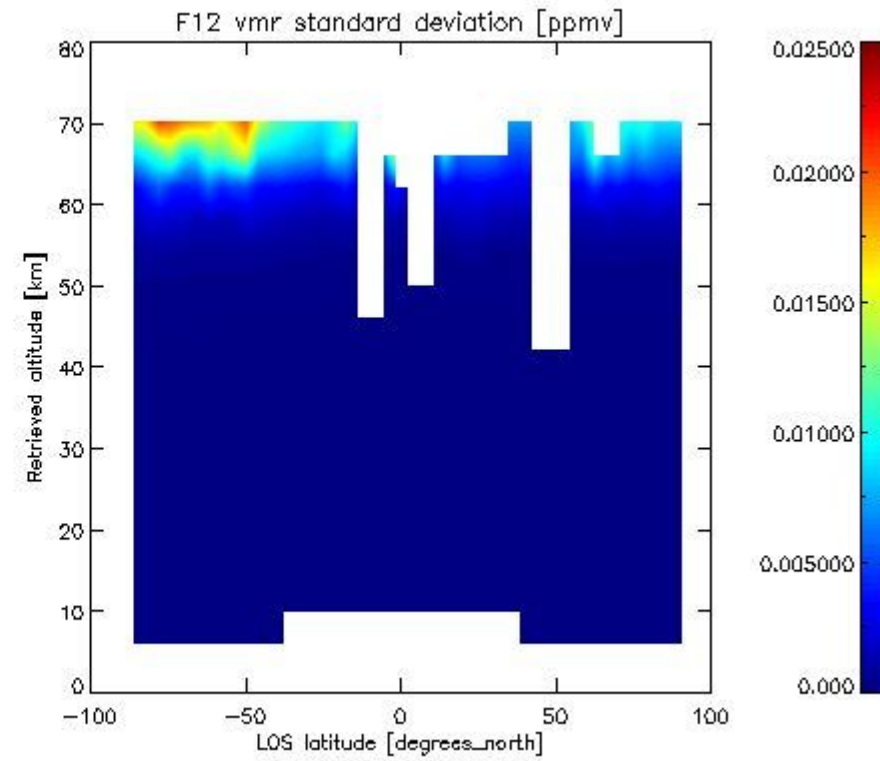
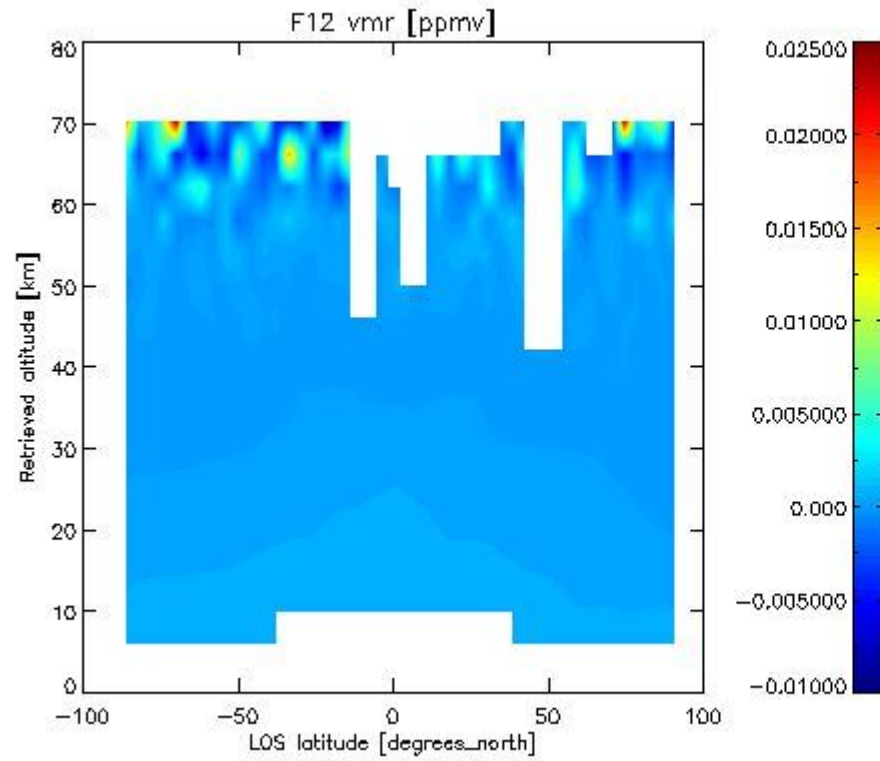
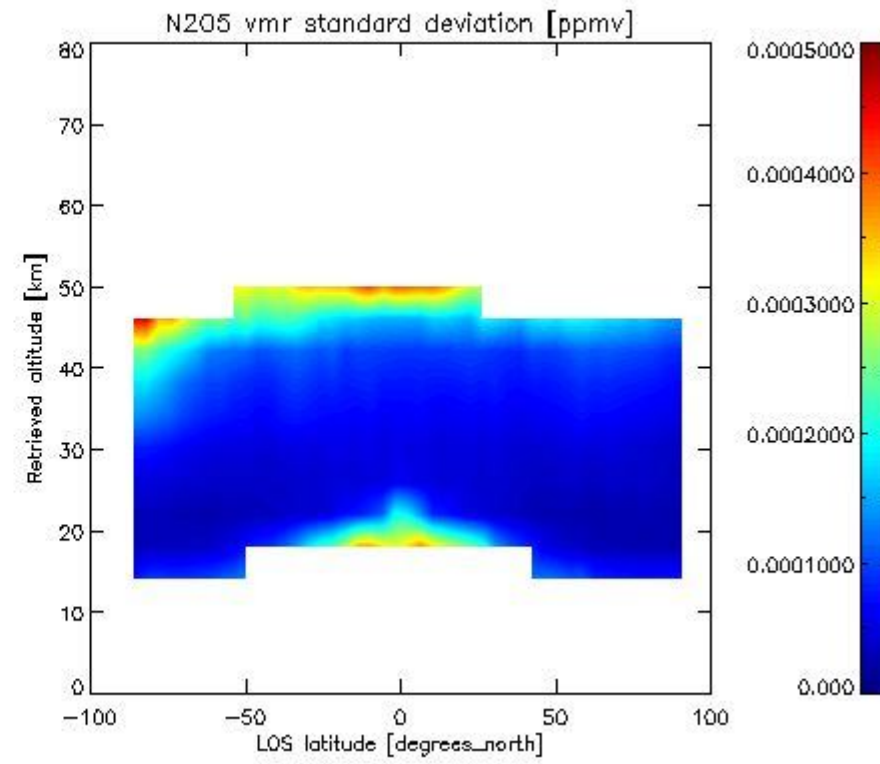
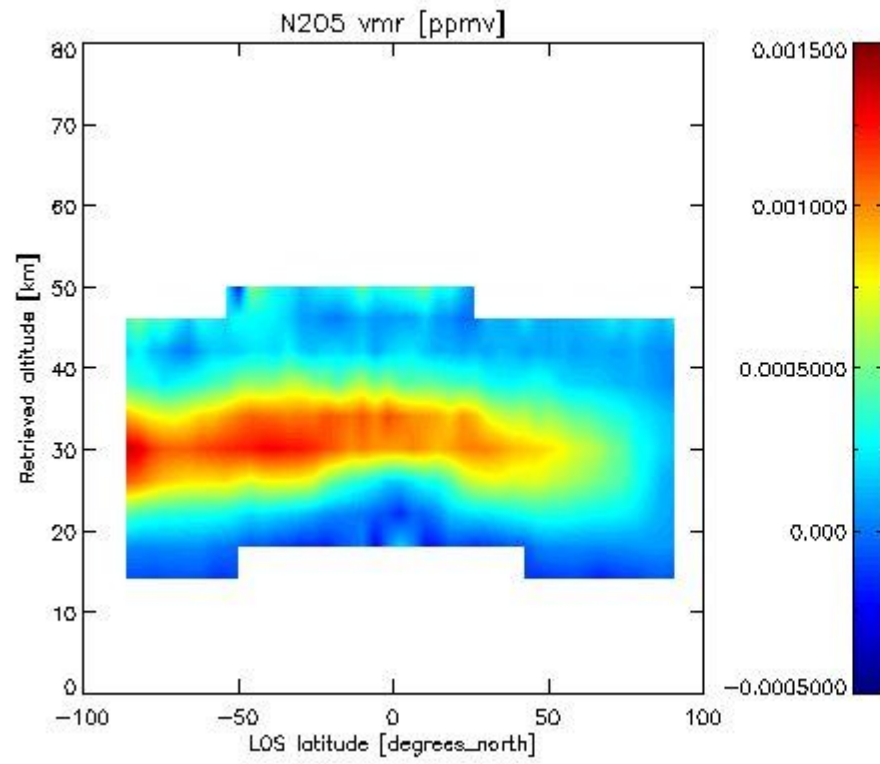
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

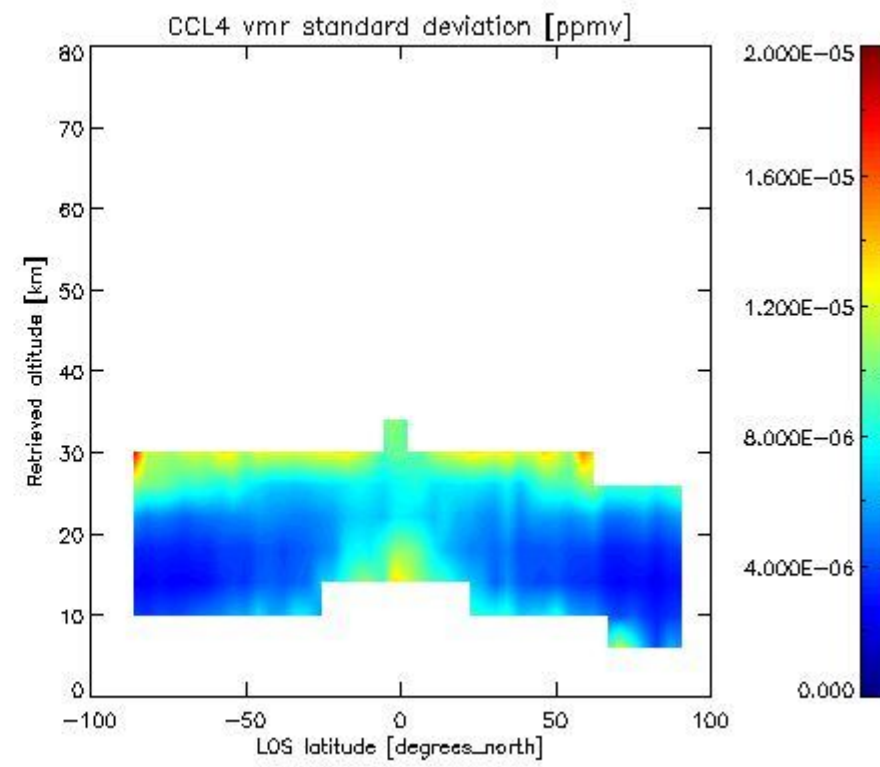
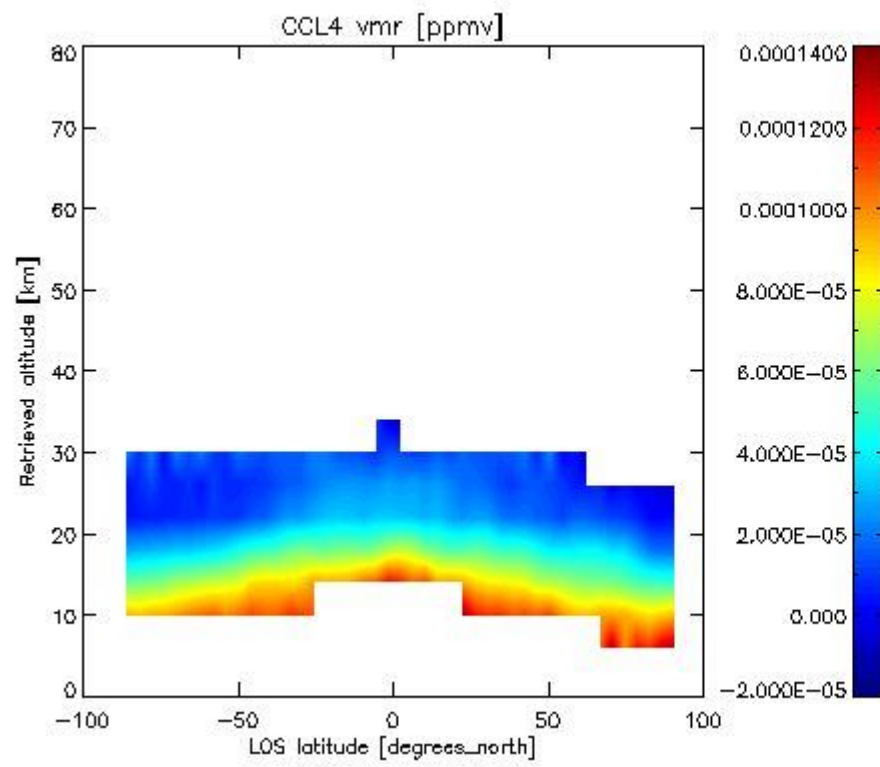
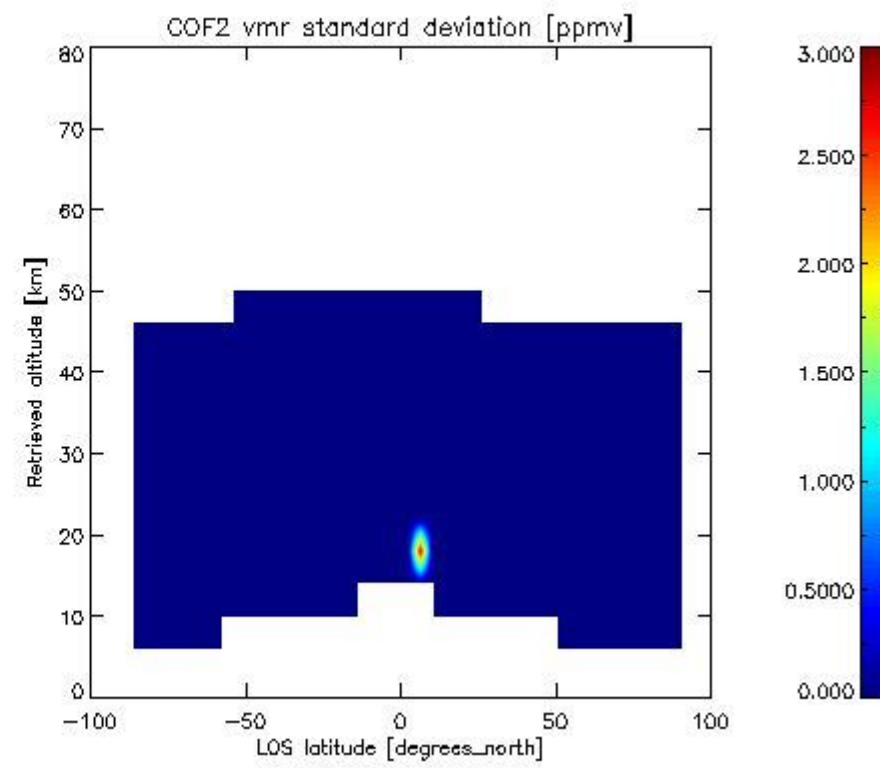
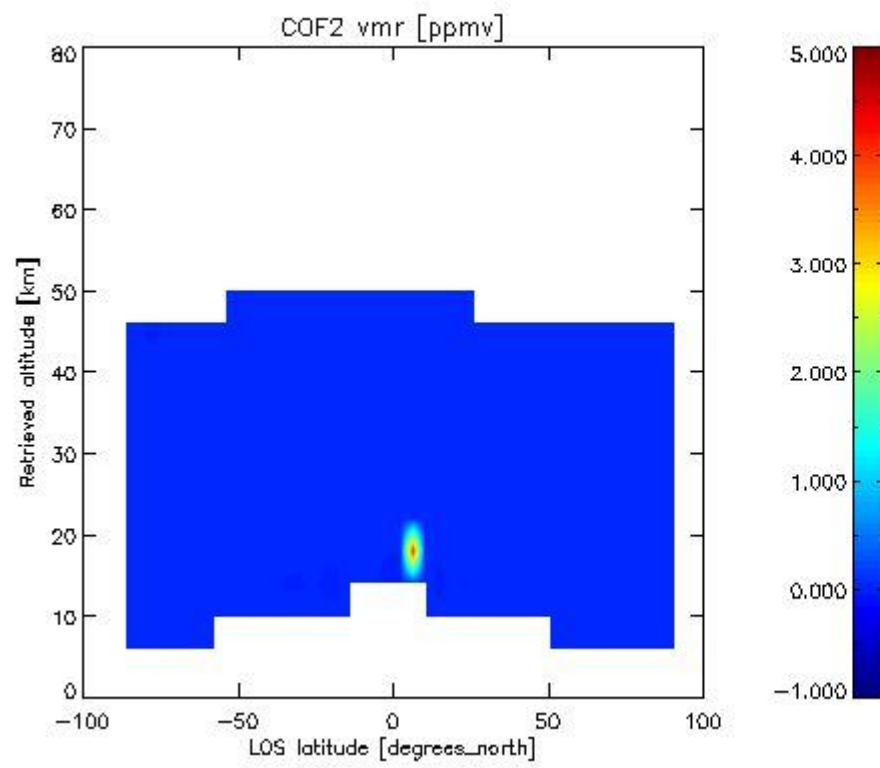


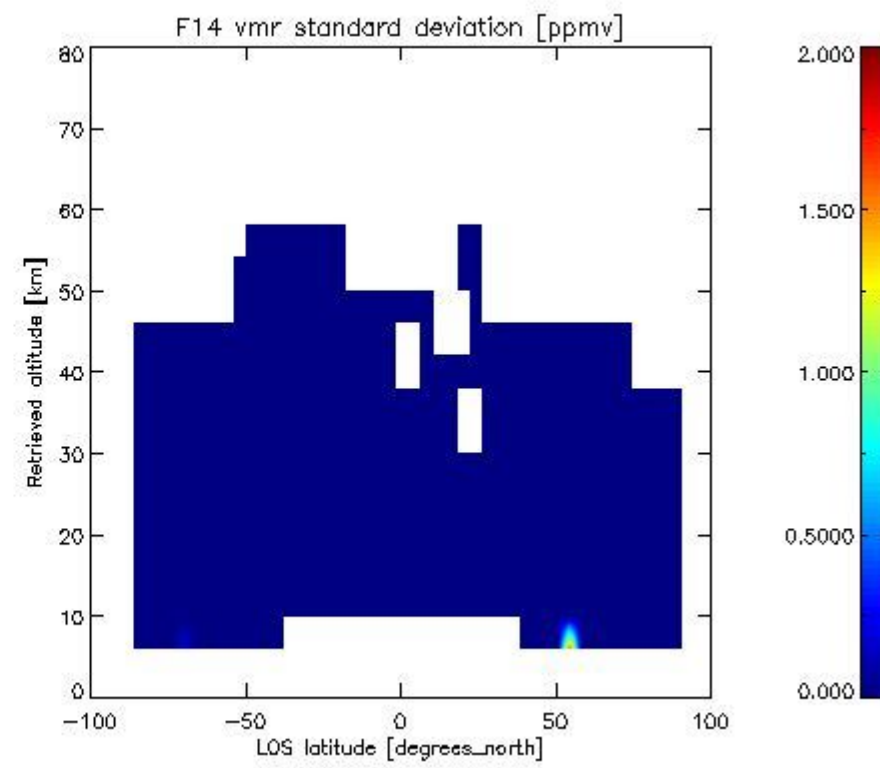
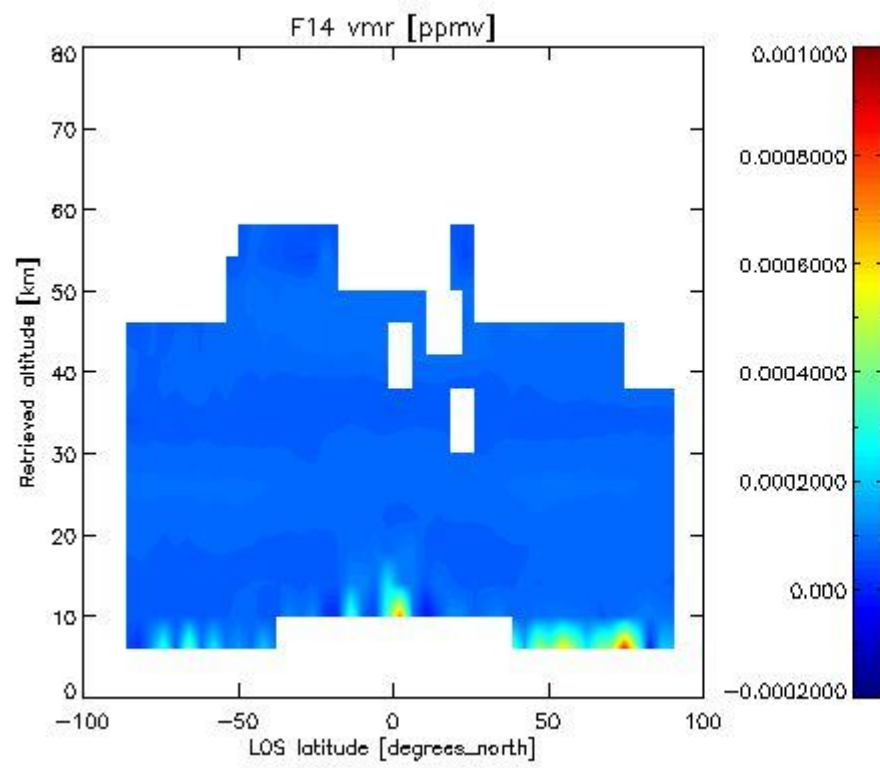
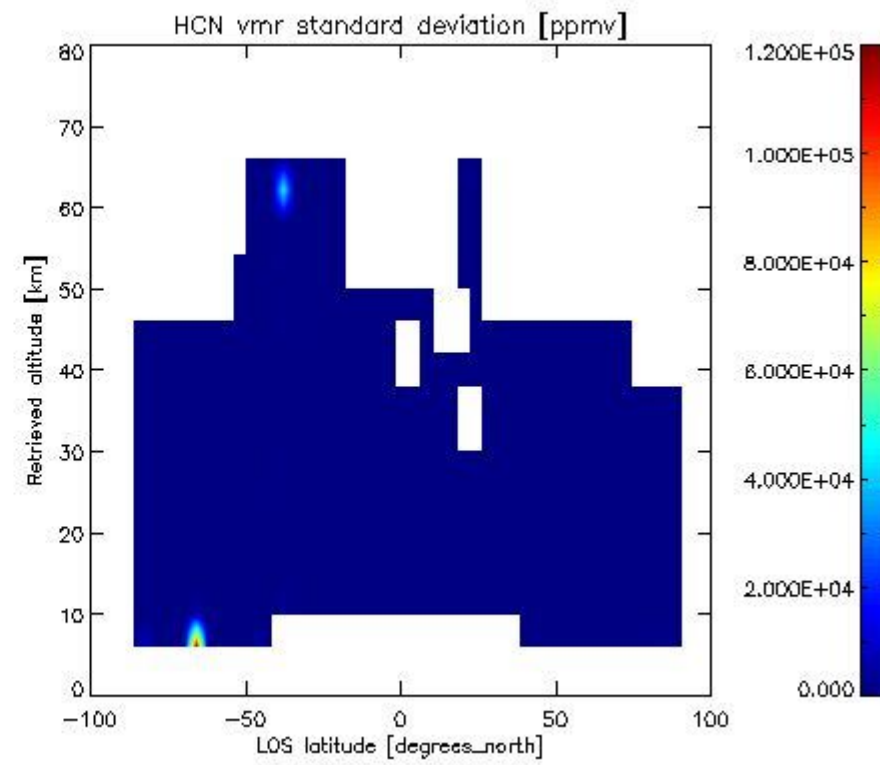
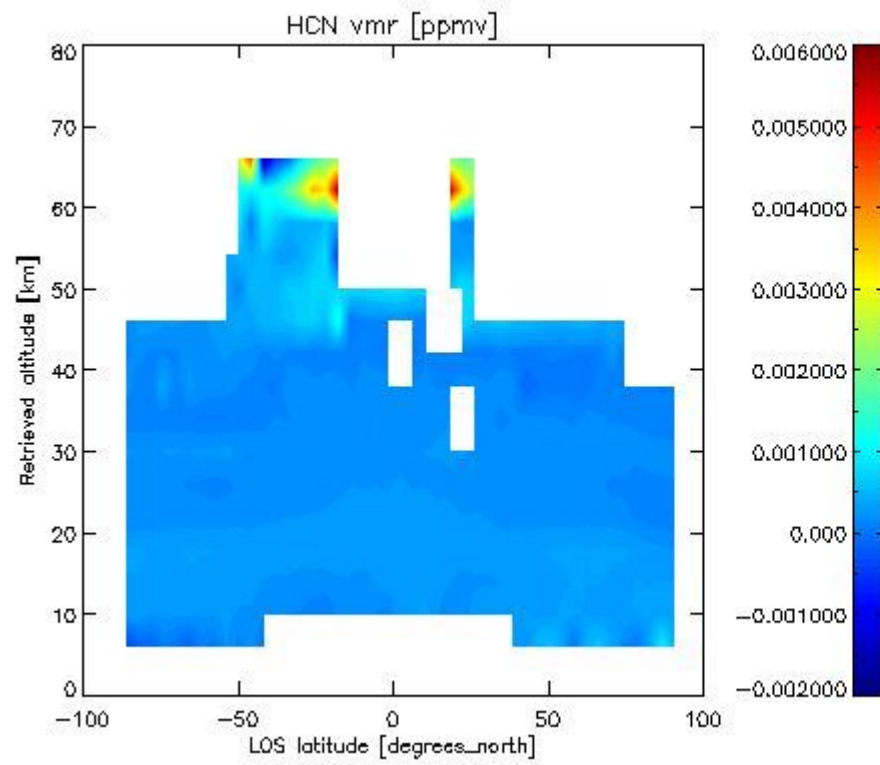
2.3.8 CLNO version This section shows values (left) and error (right) for CLNO after binning individual average values over retrieved altitude and target latitude.

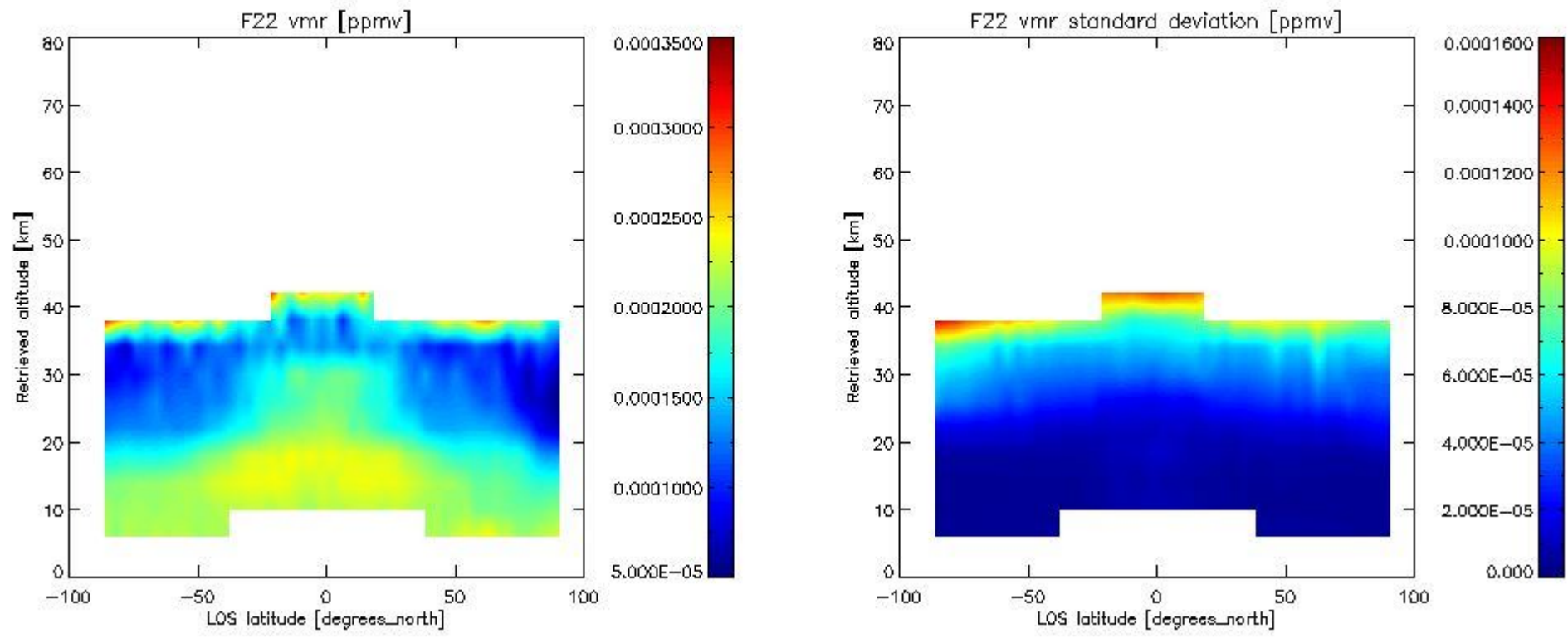


CLNO version This section shows values (left) and error (right) for CLNO after binning individual average values over retrieved altitude and target latitude.

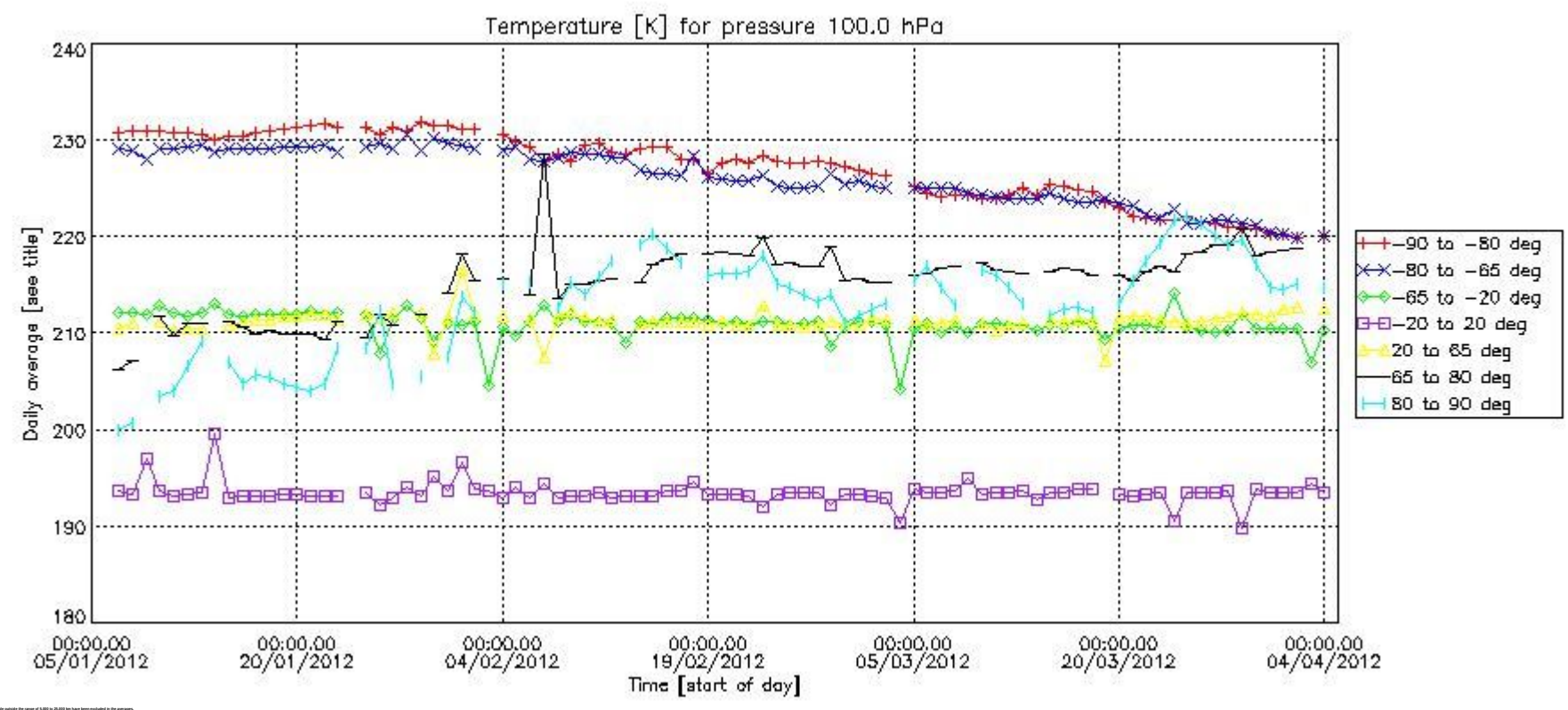




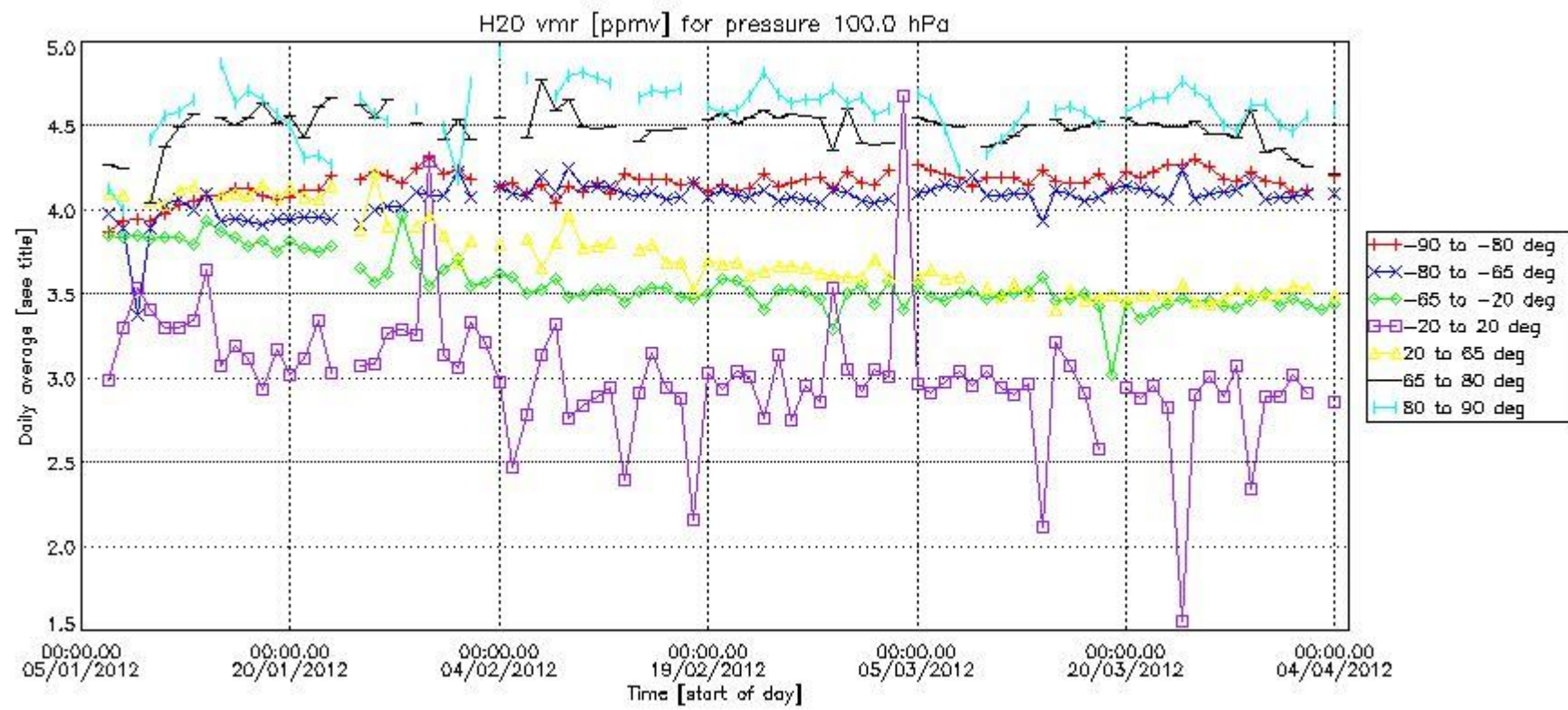
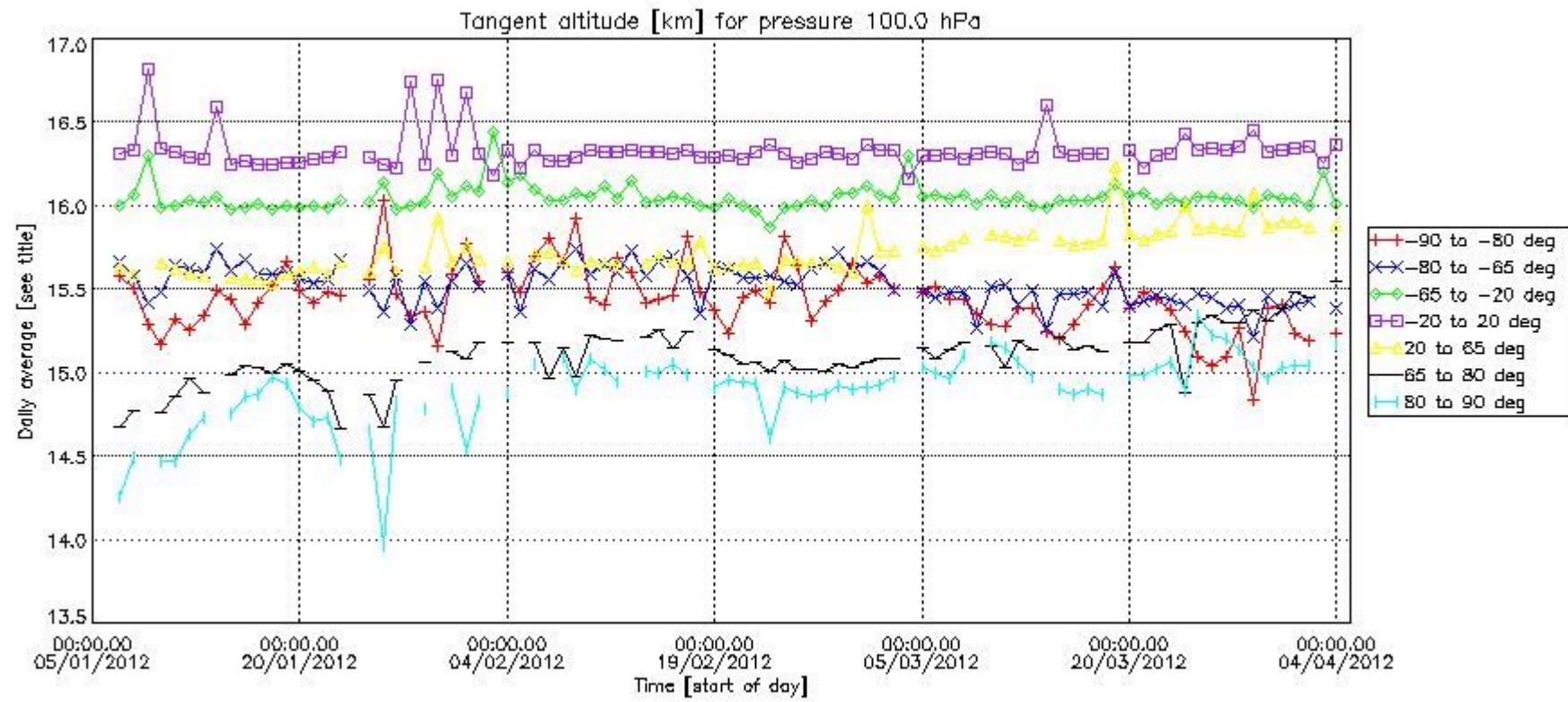


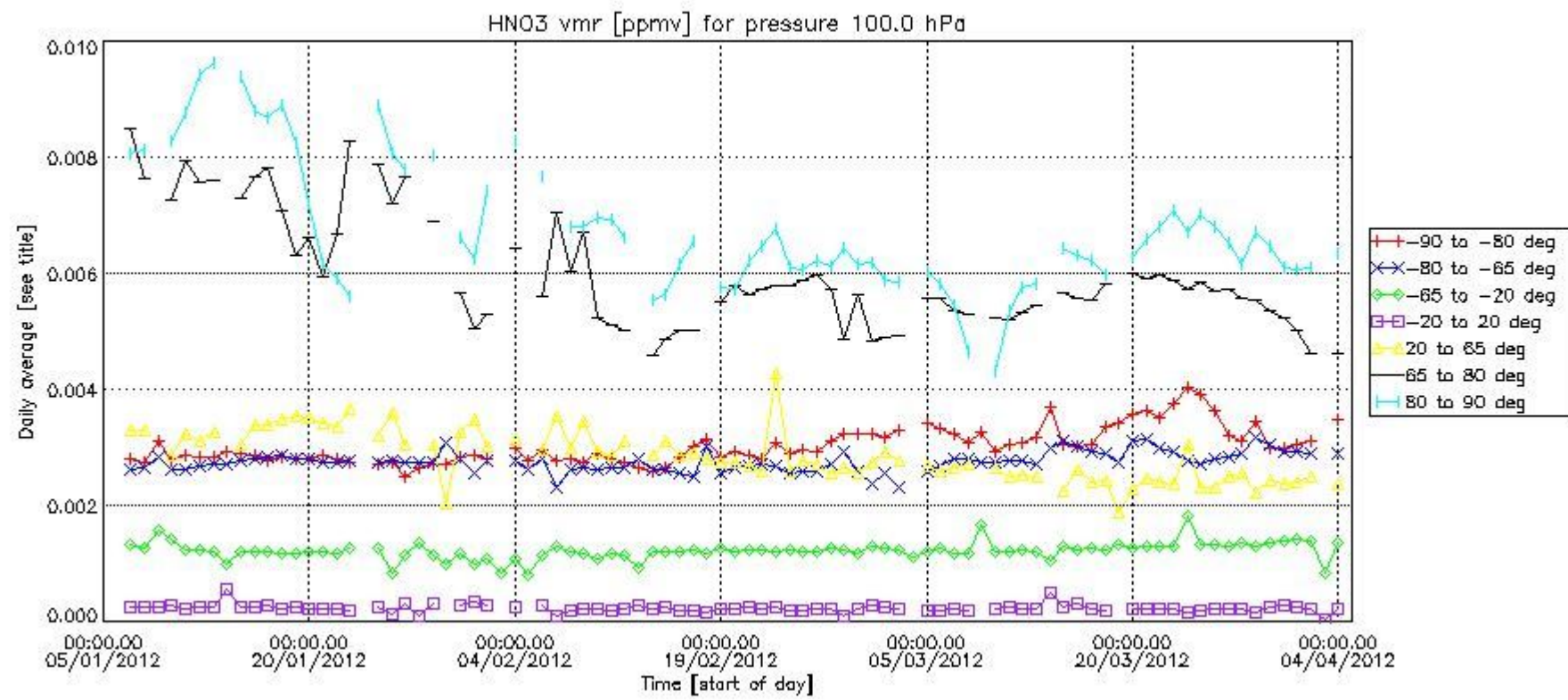
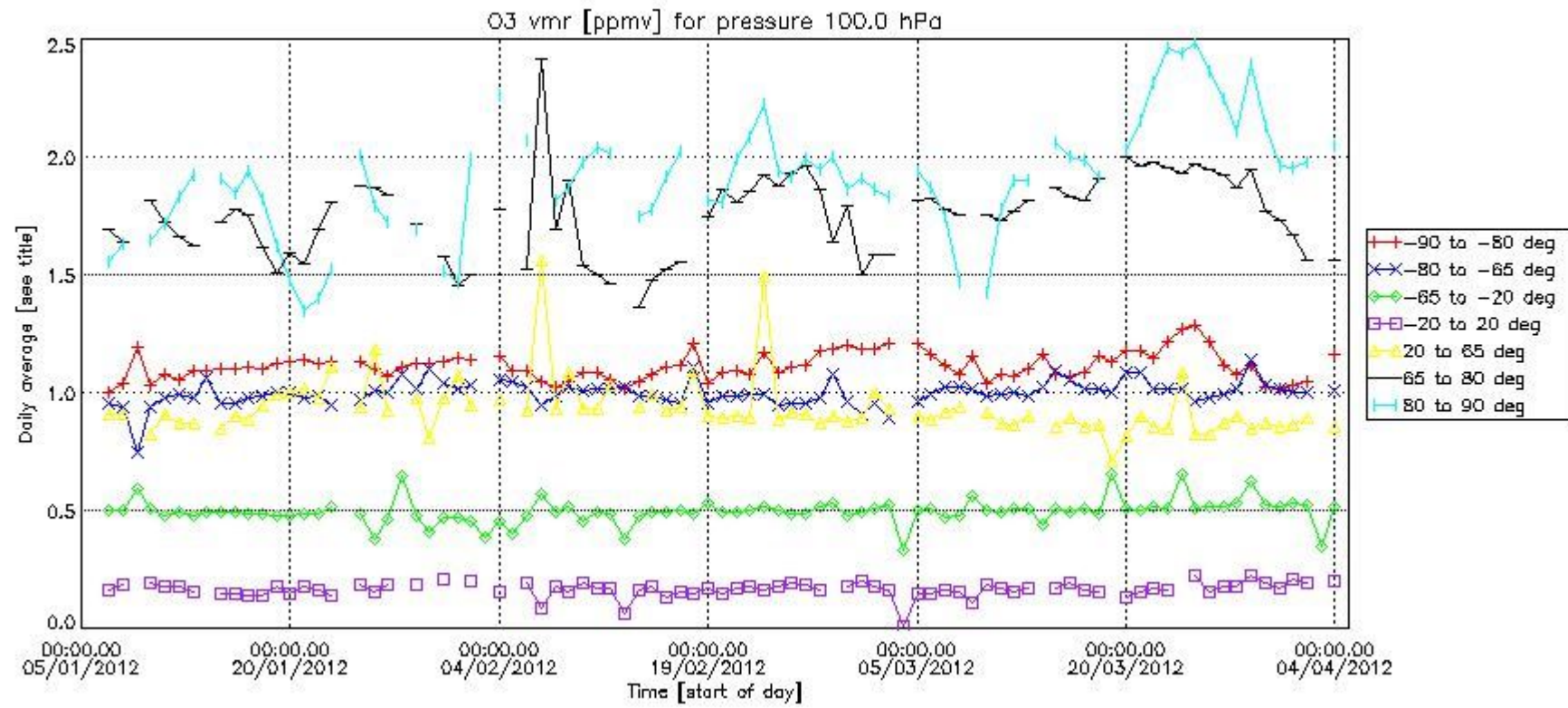


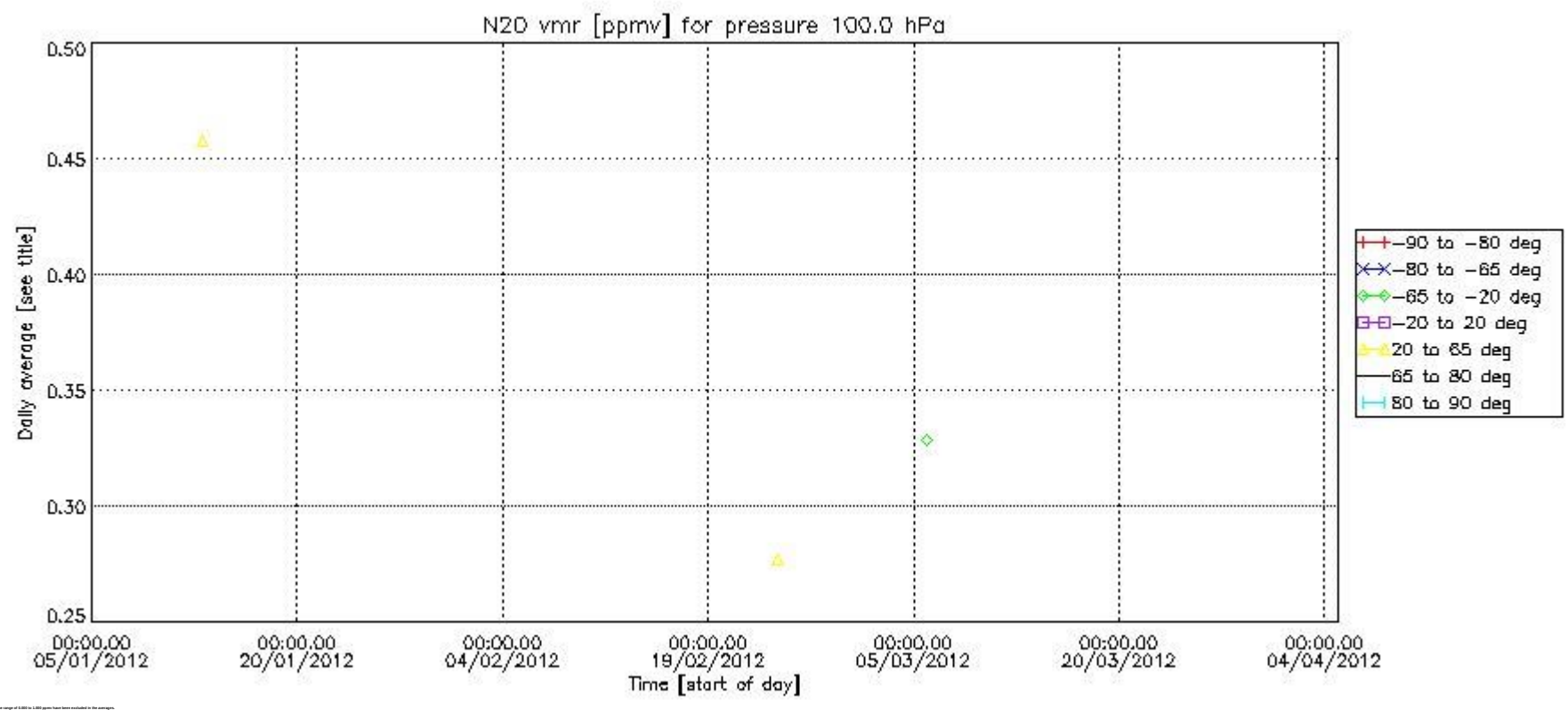
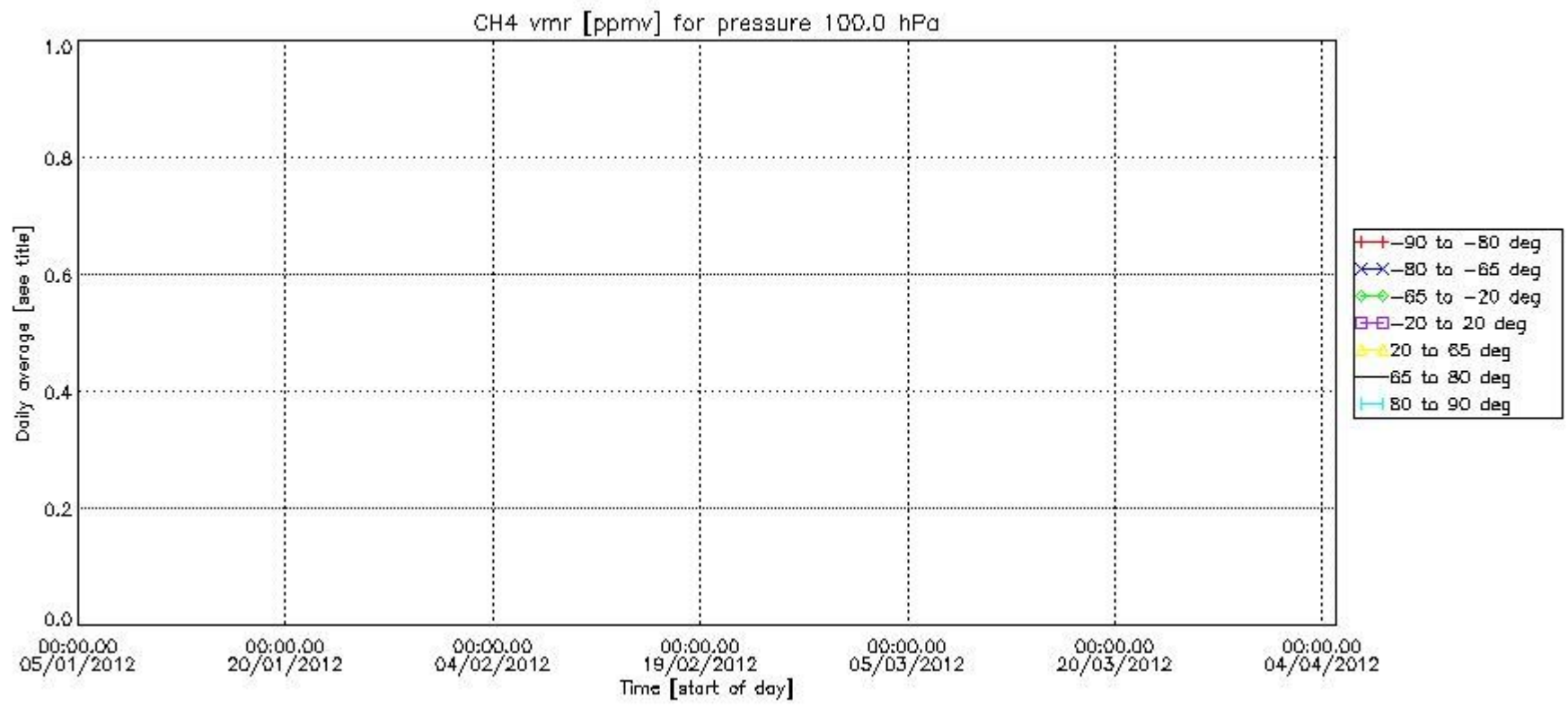
[Download plot](#)
[Download plot](#)
[Download plot](#)

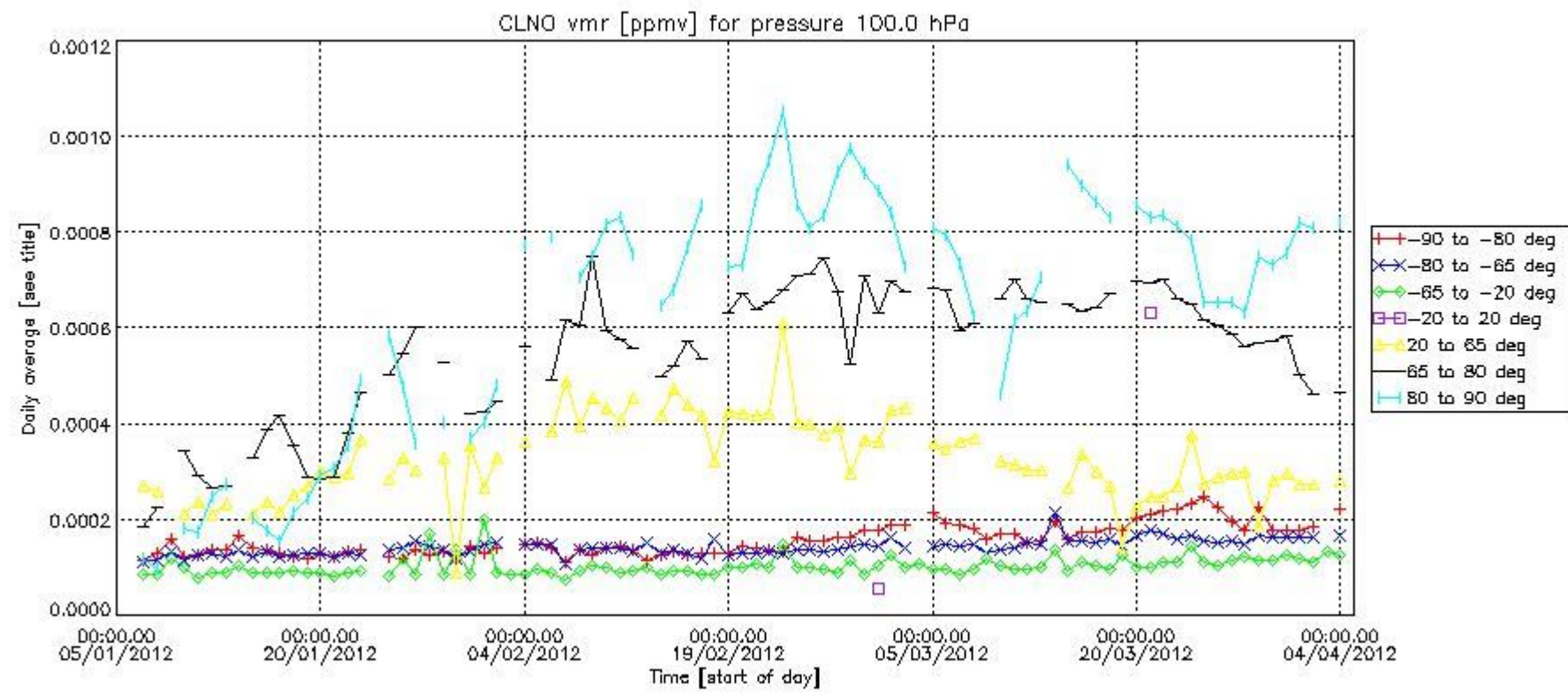
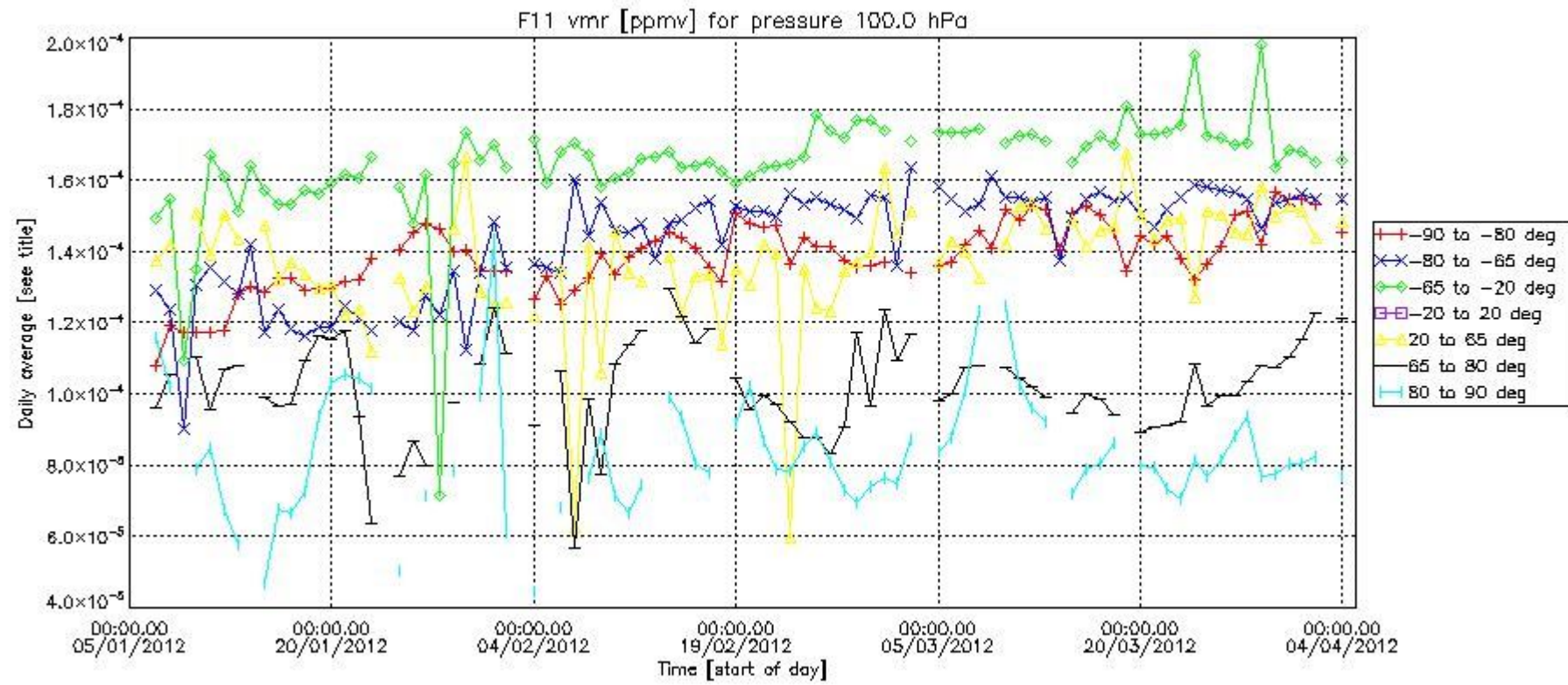


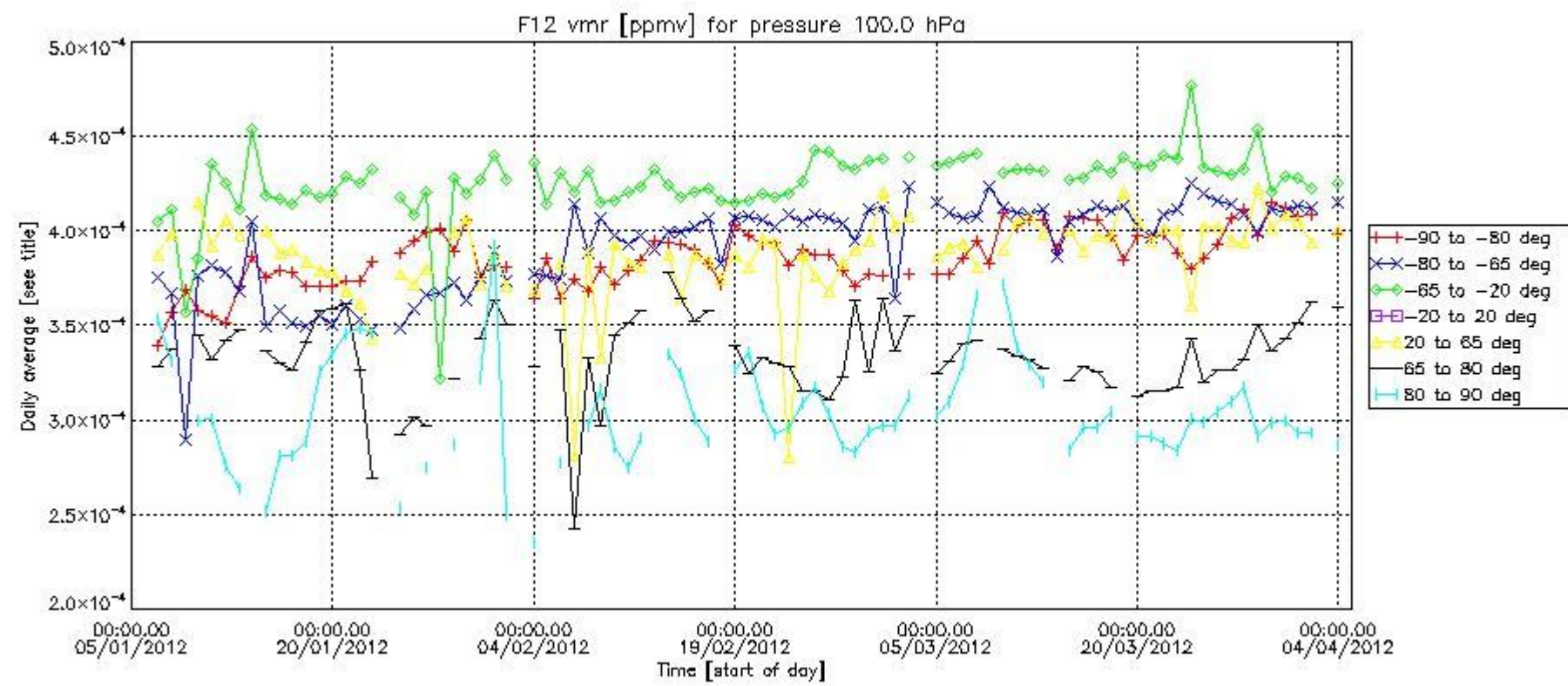
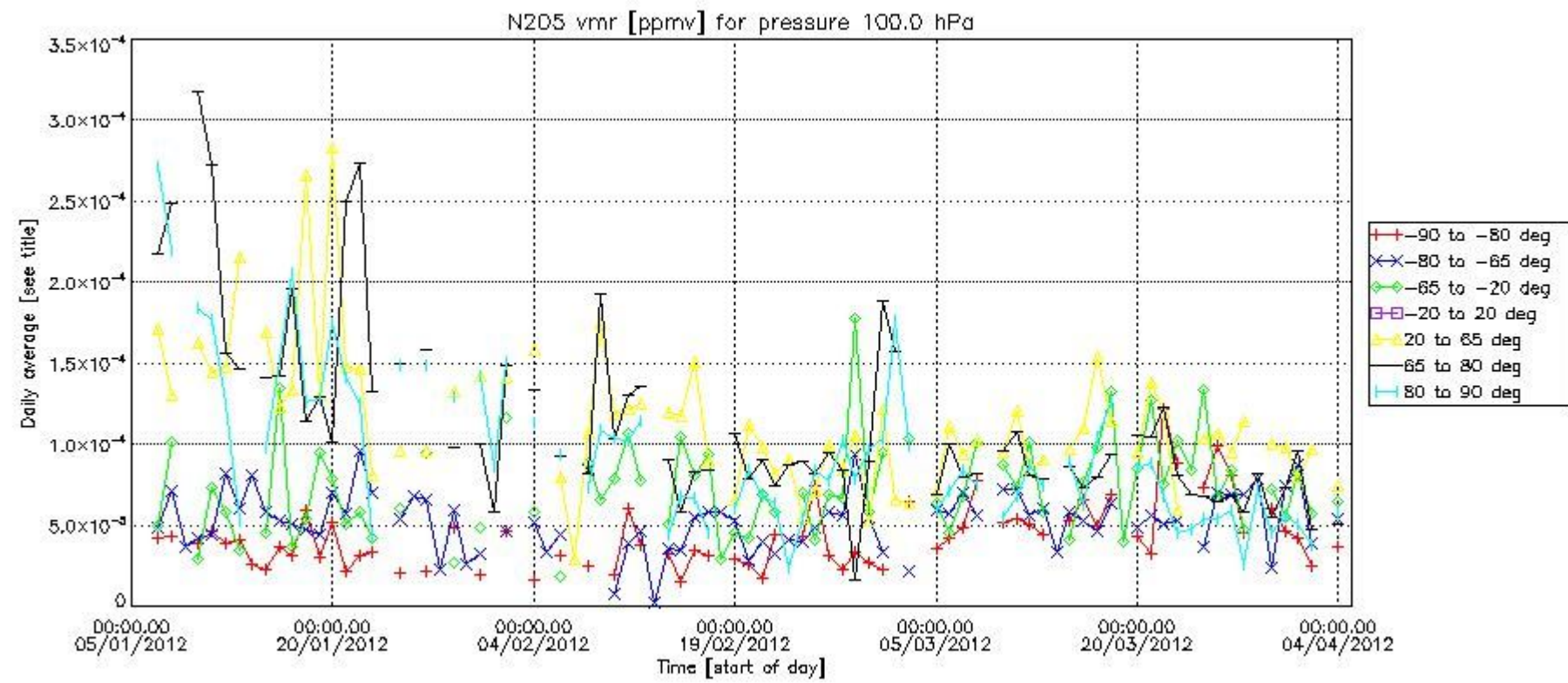
[Download plot](#)

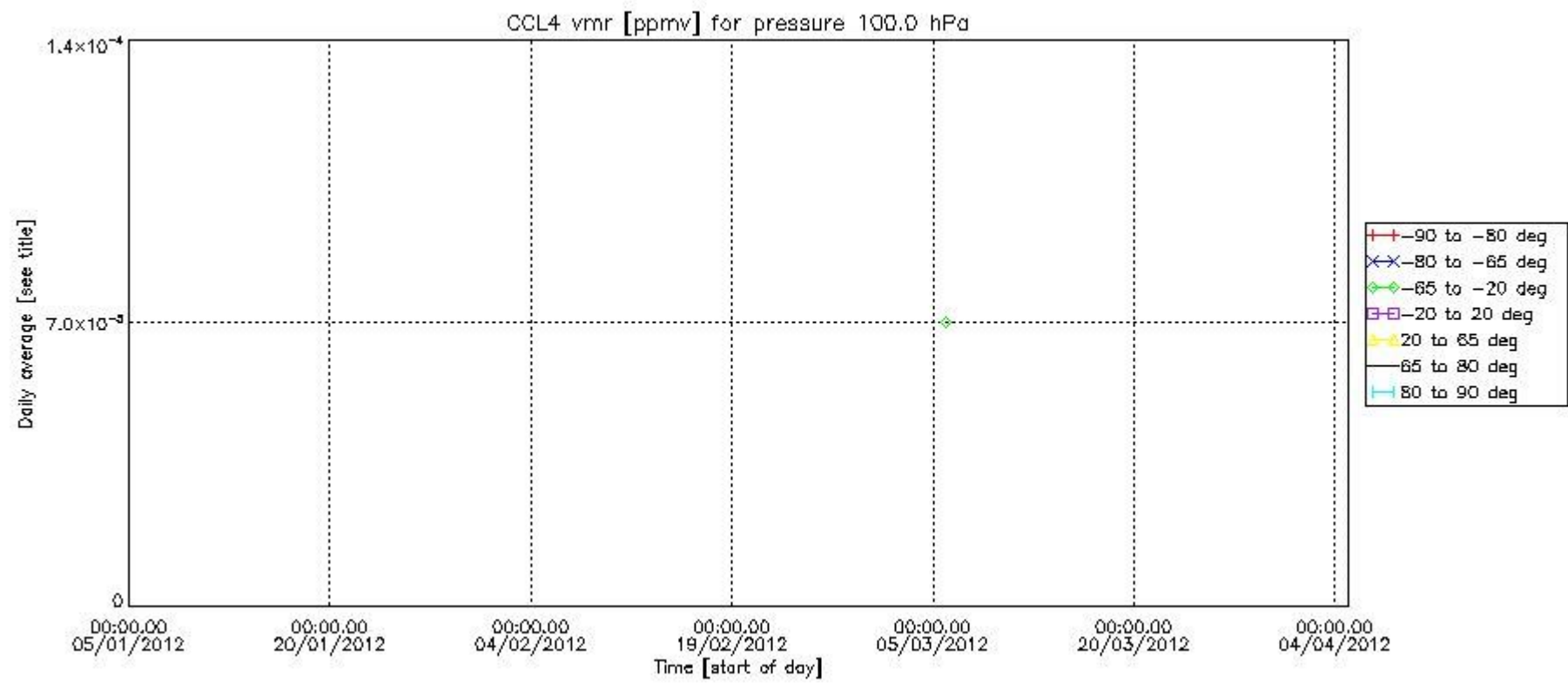
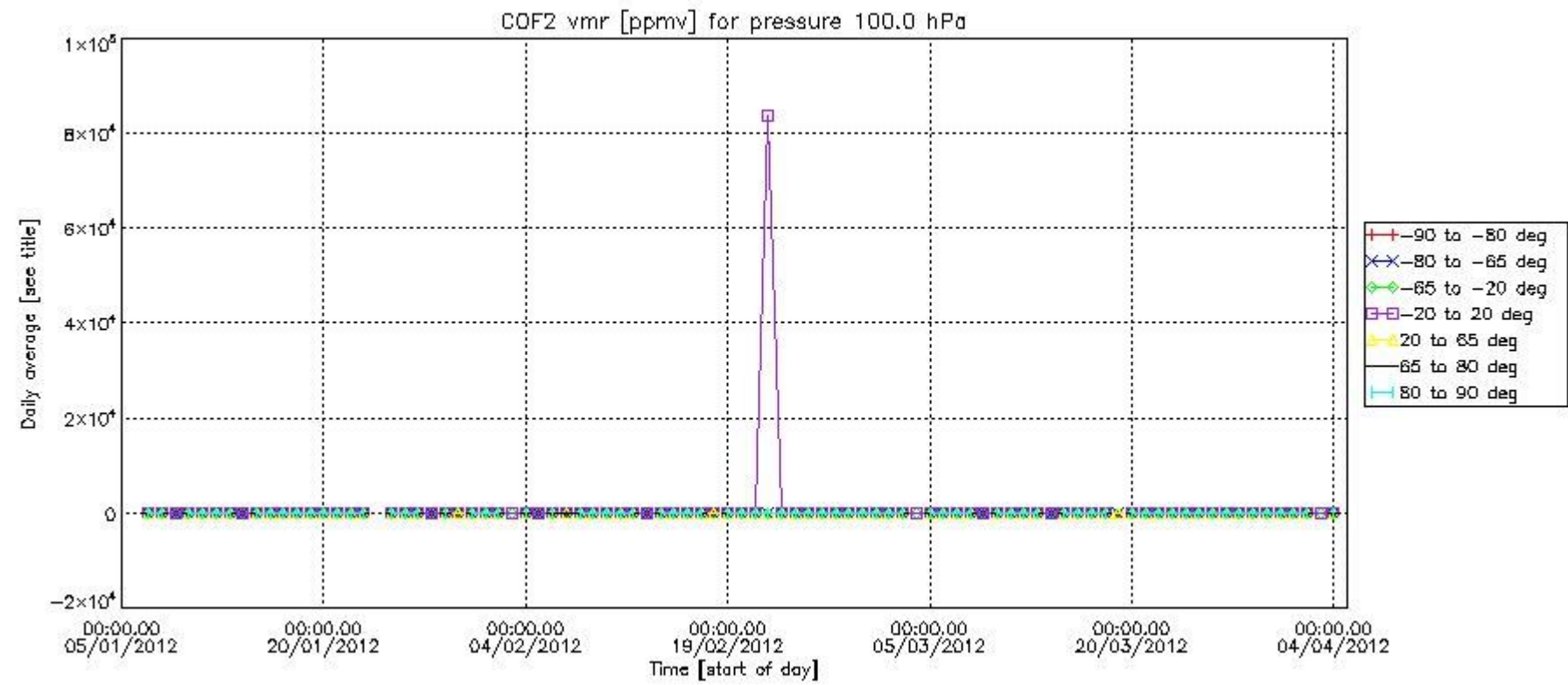


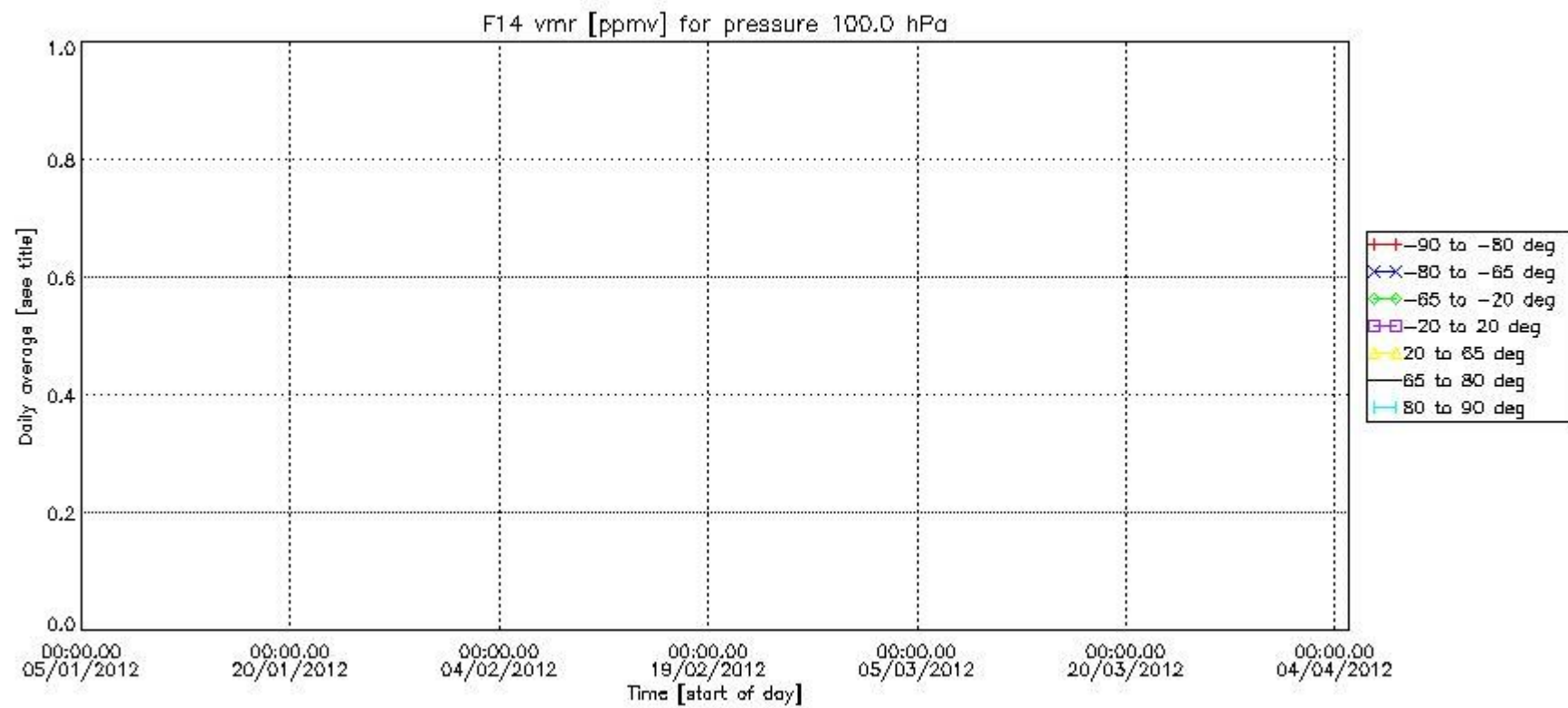
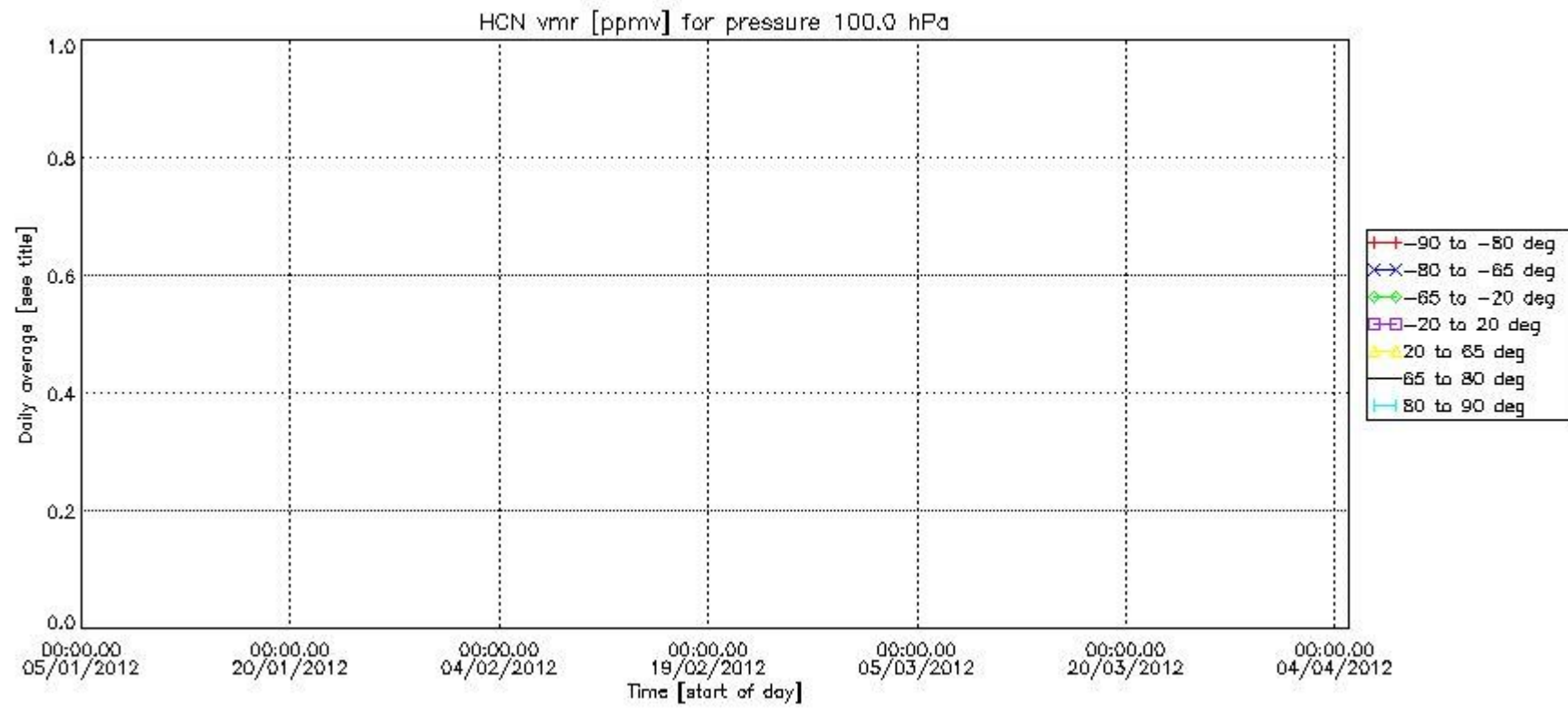


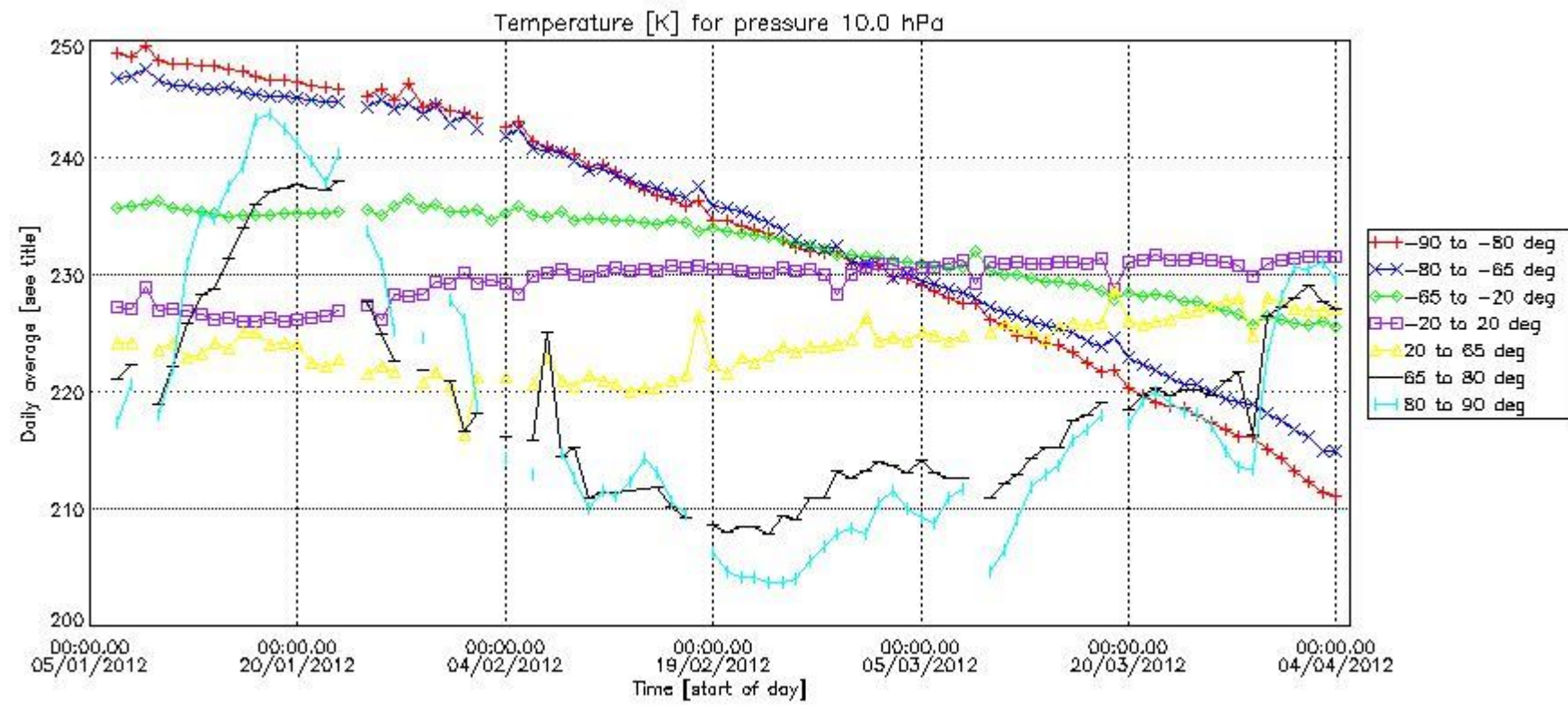
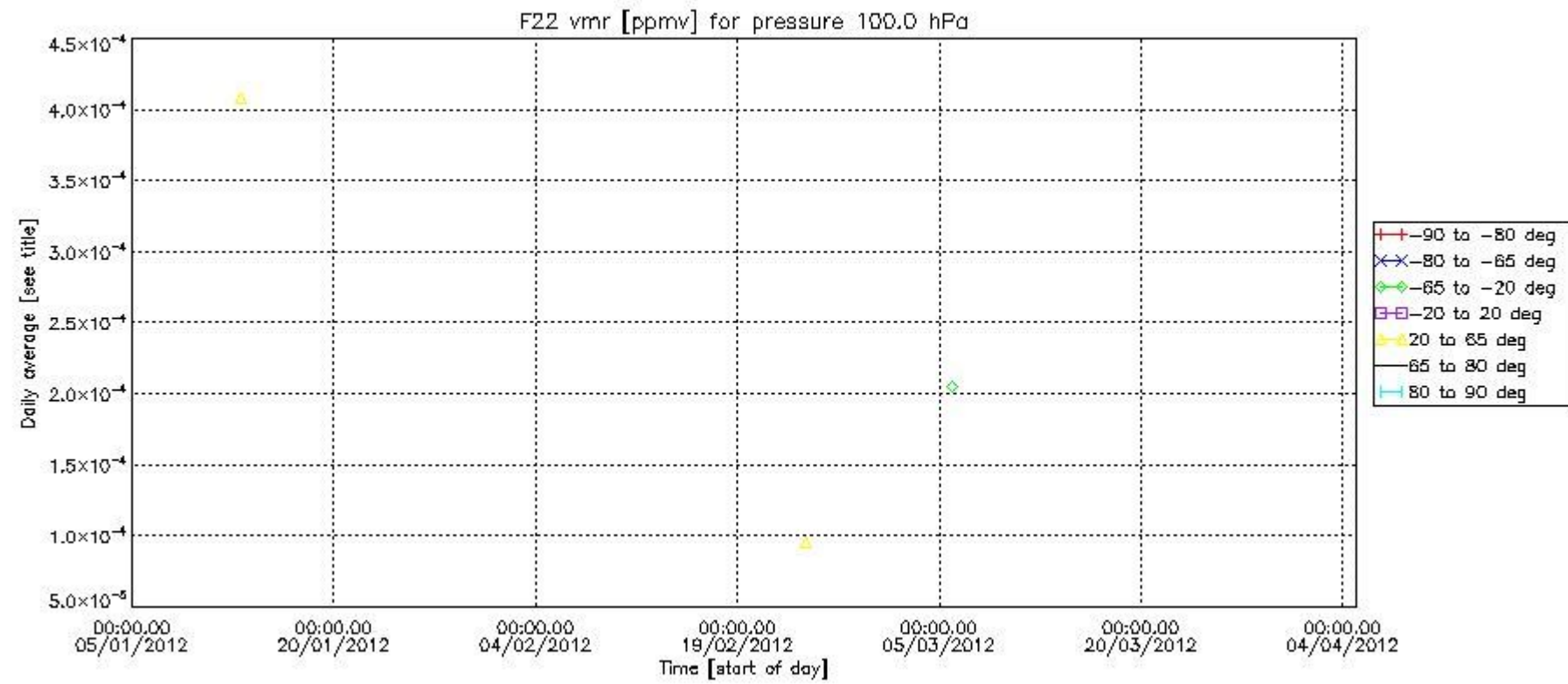


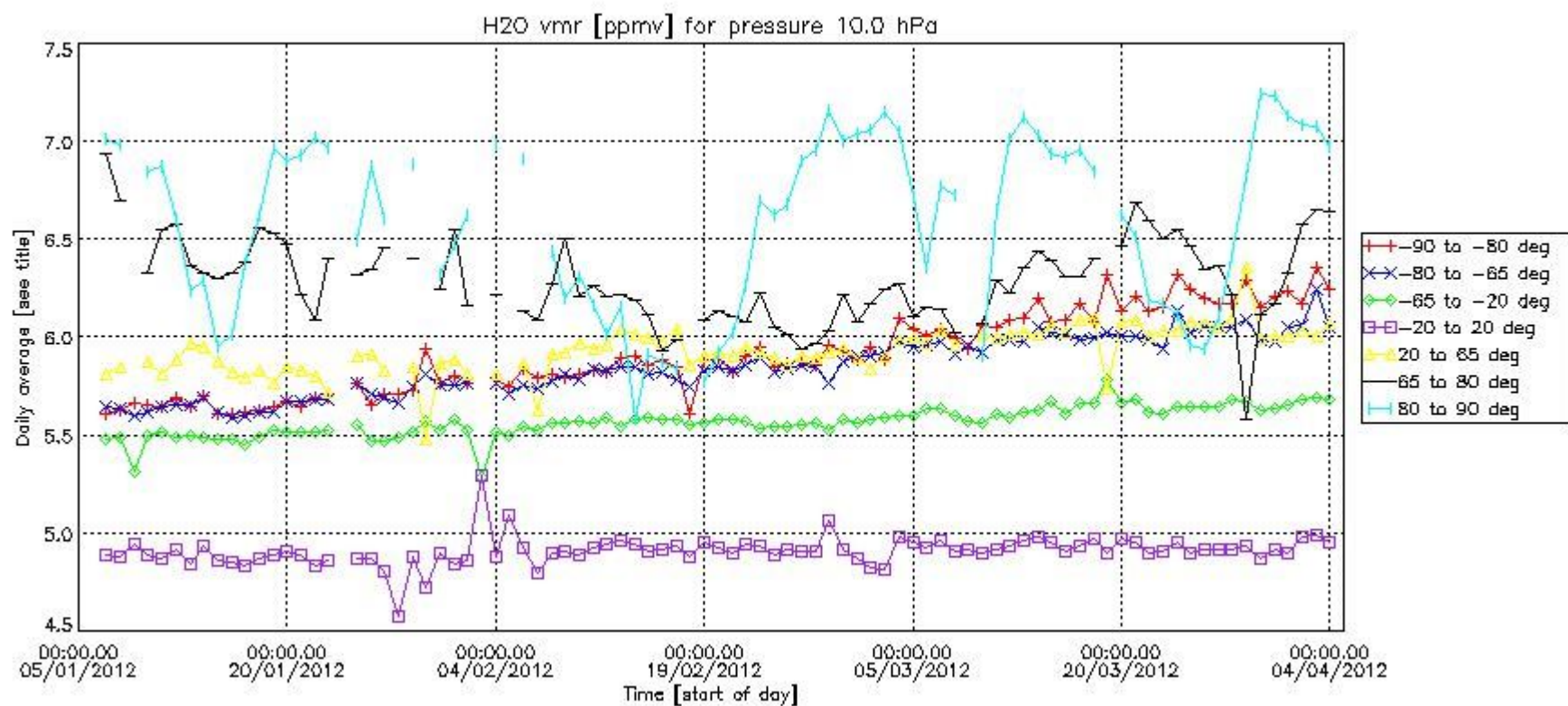
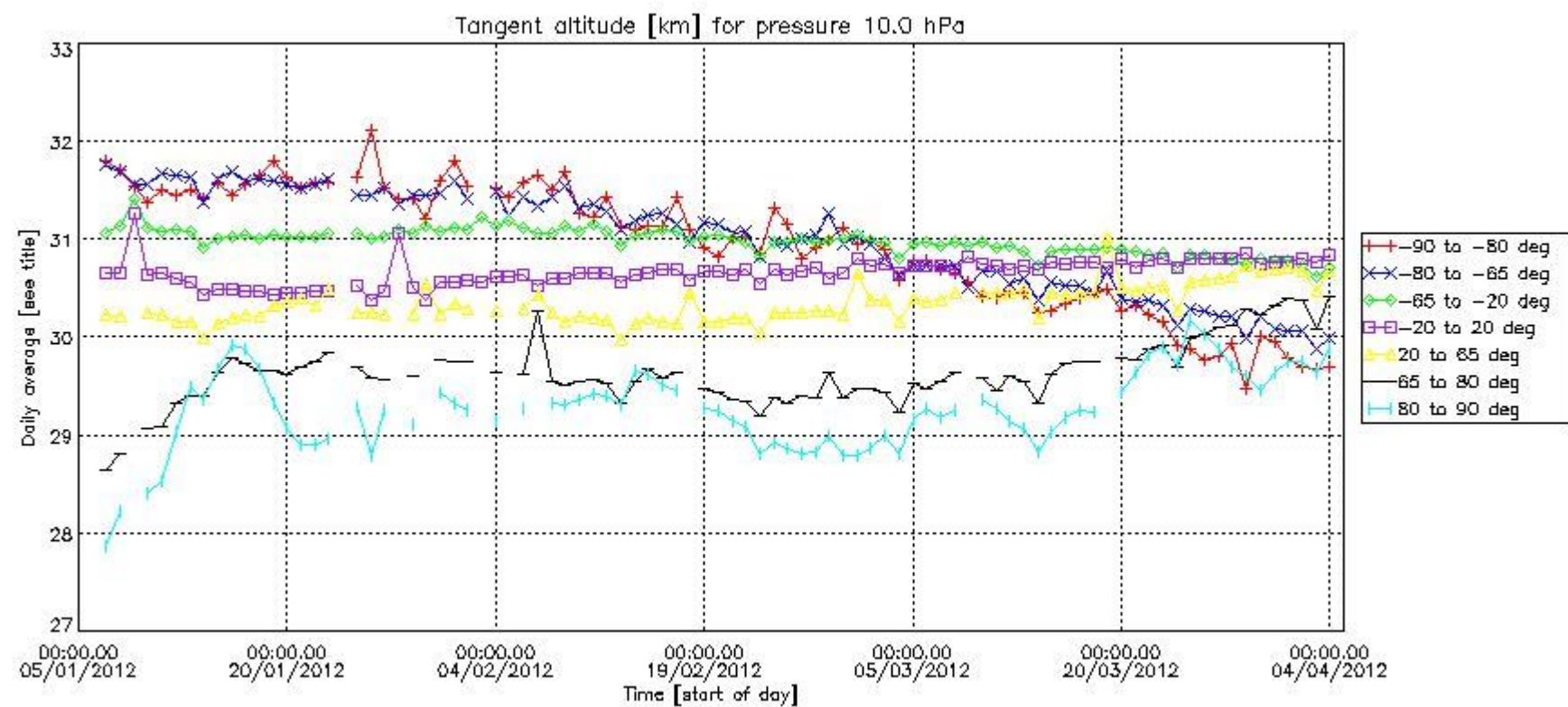


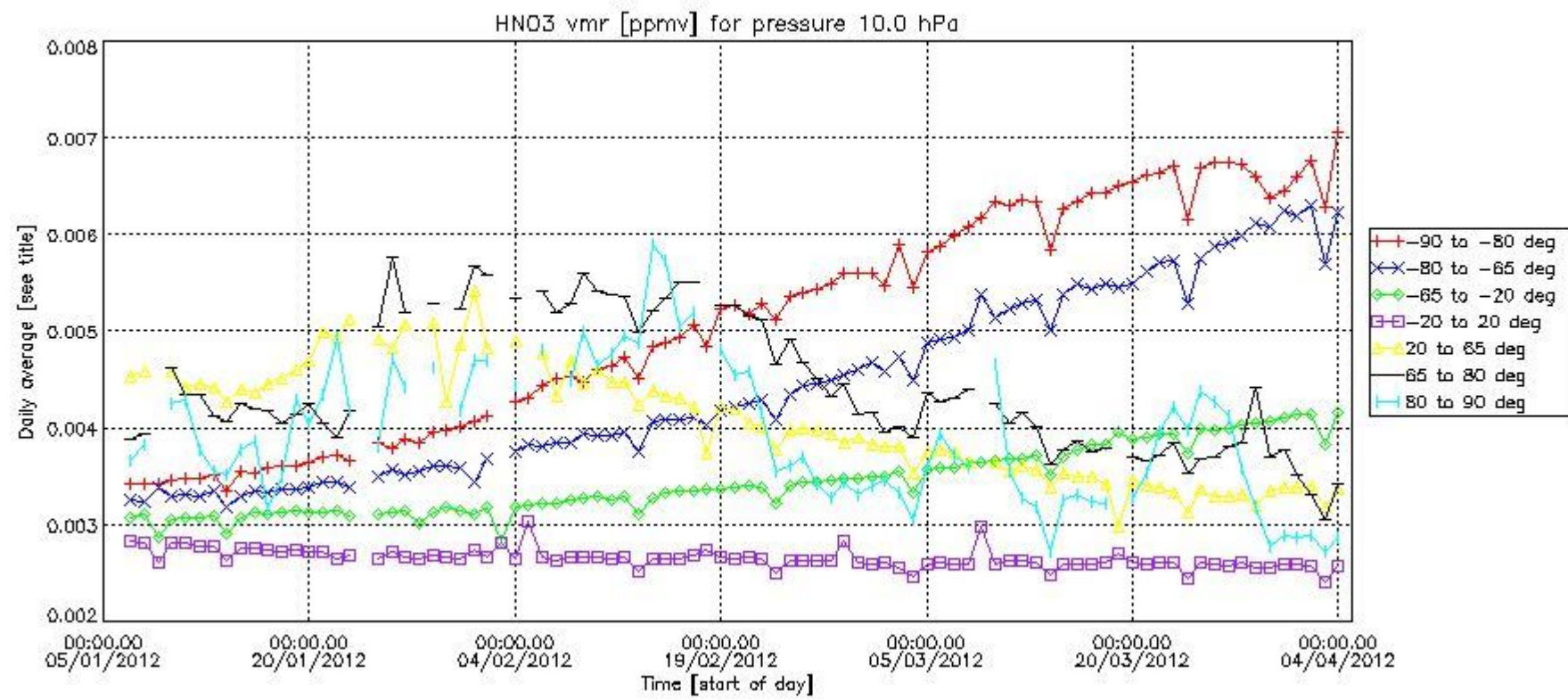
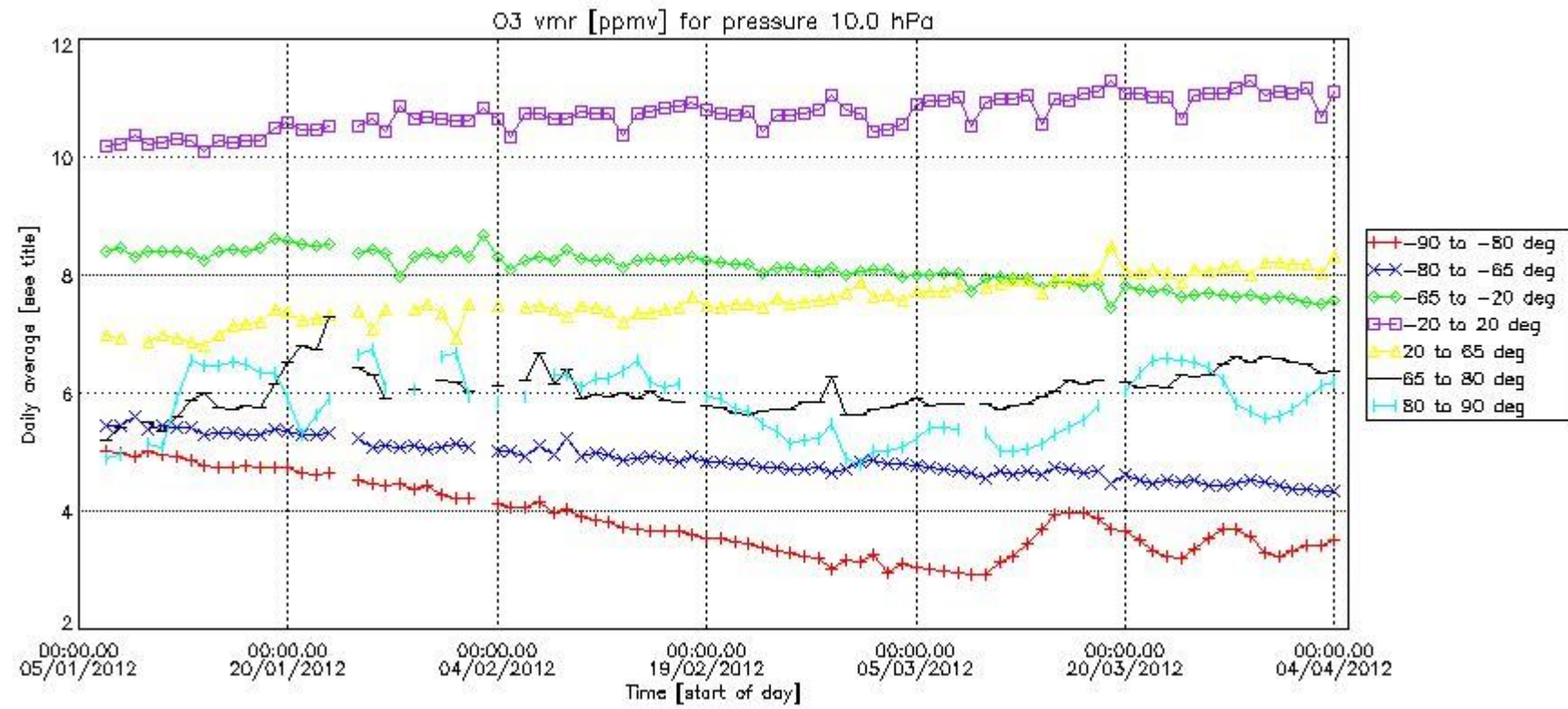


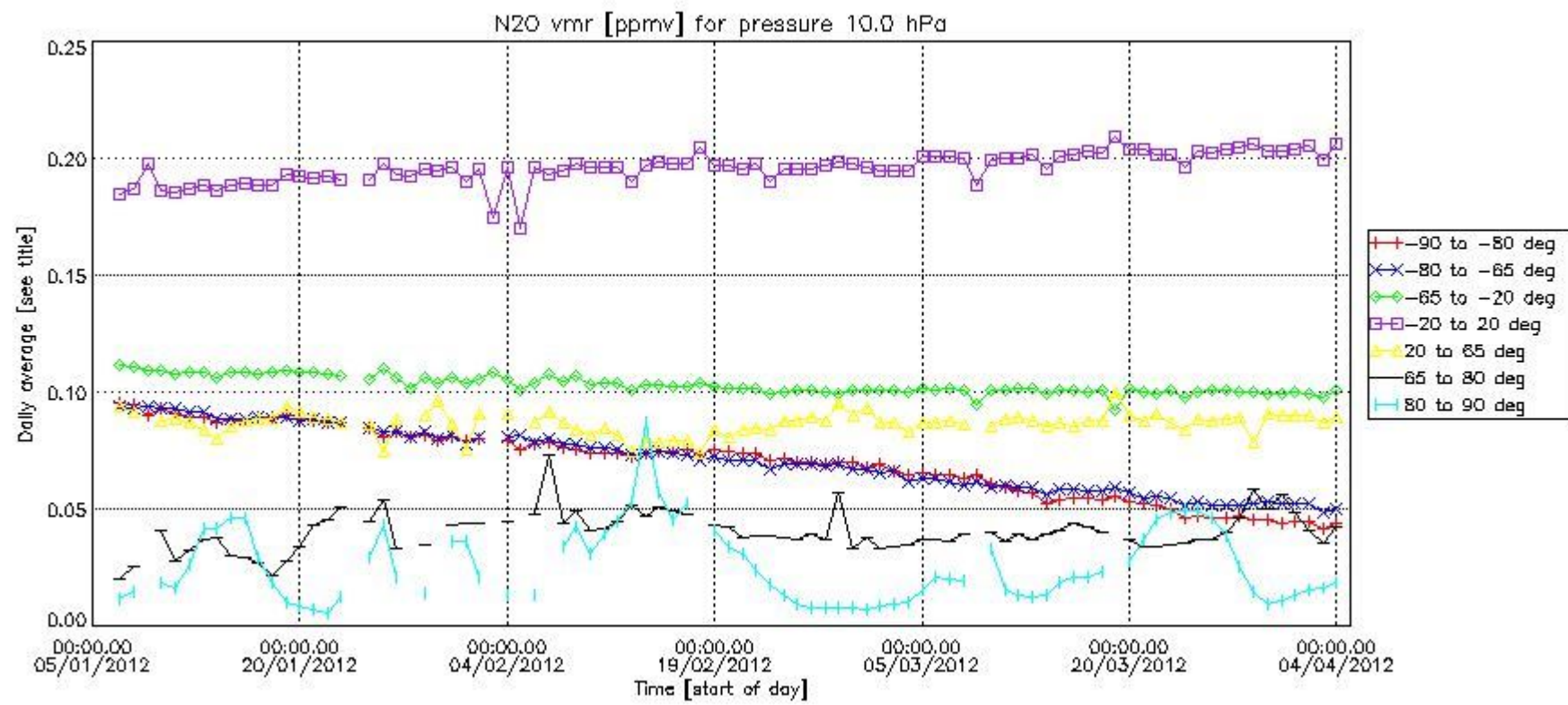
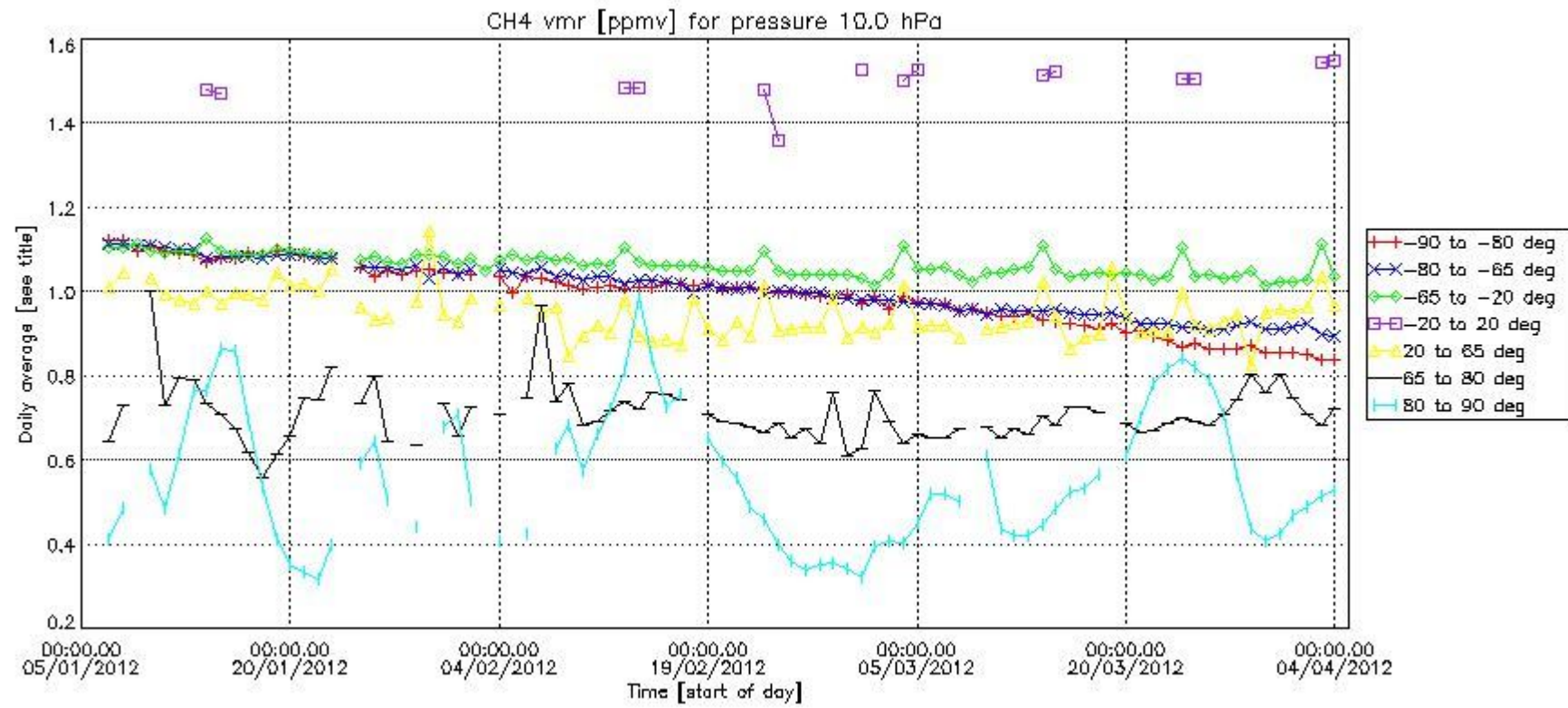


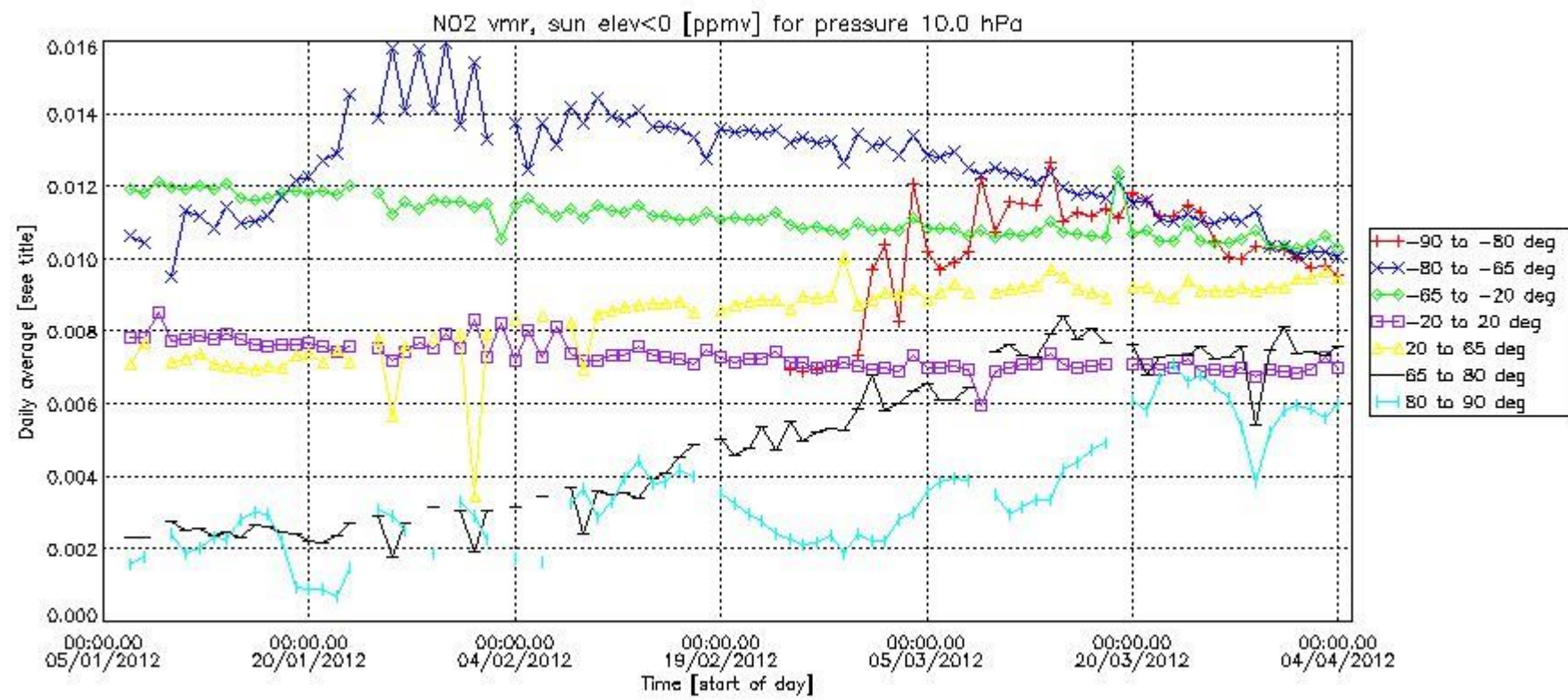
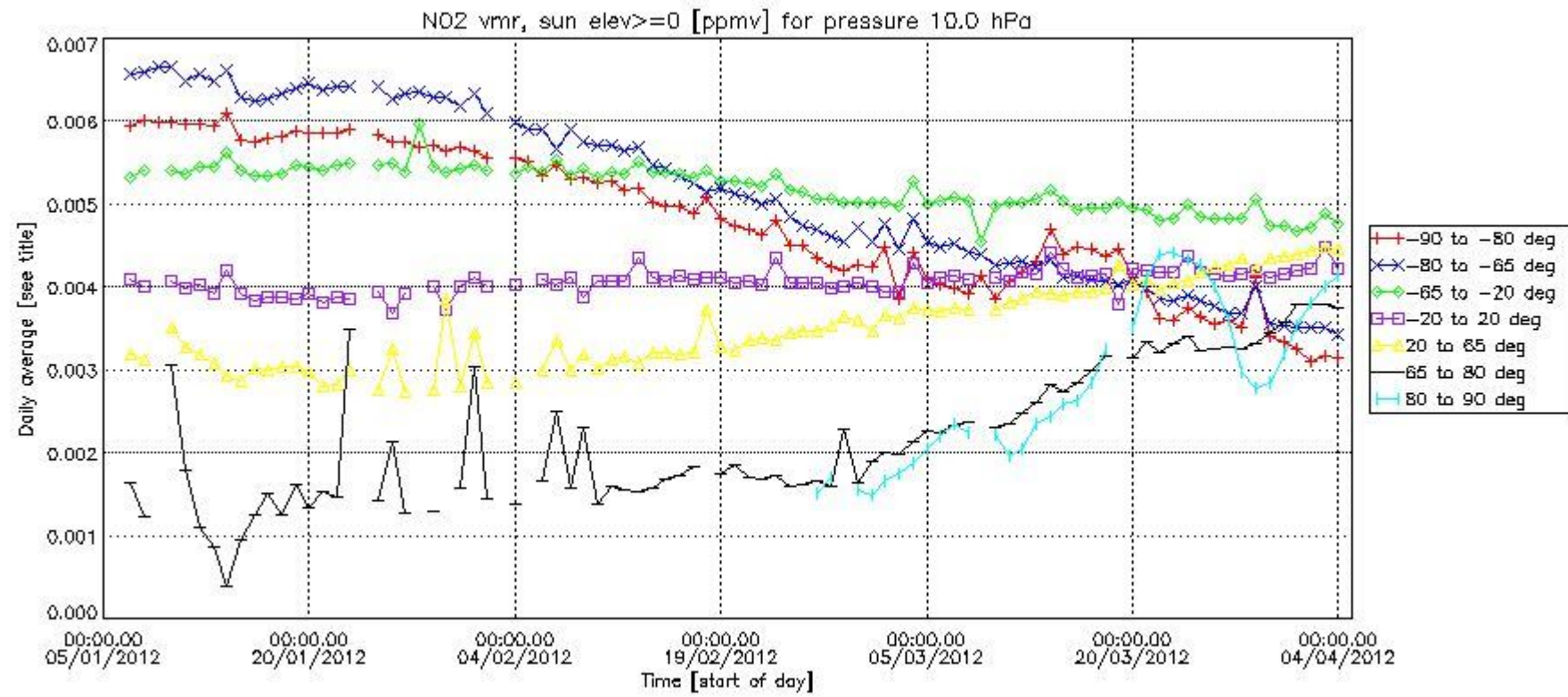


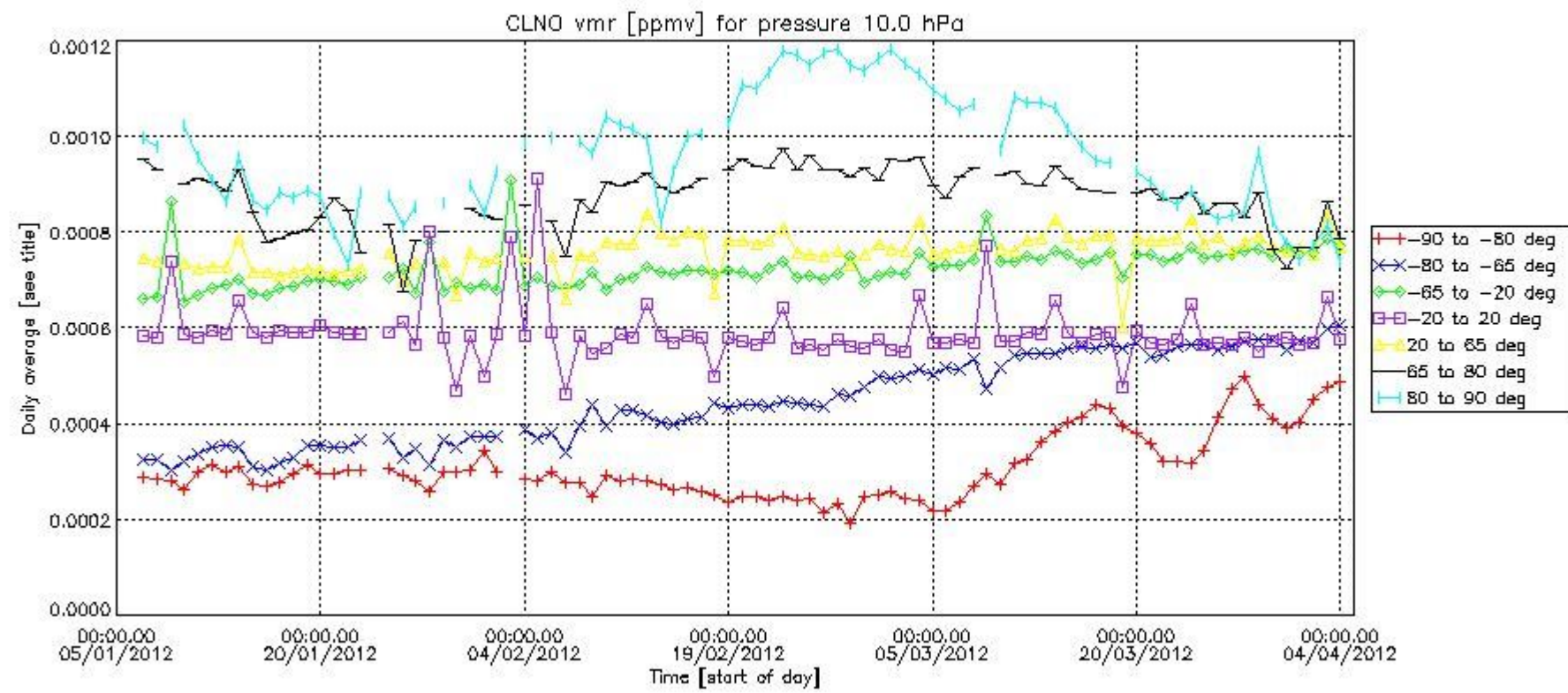
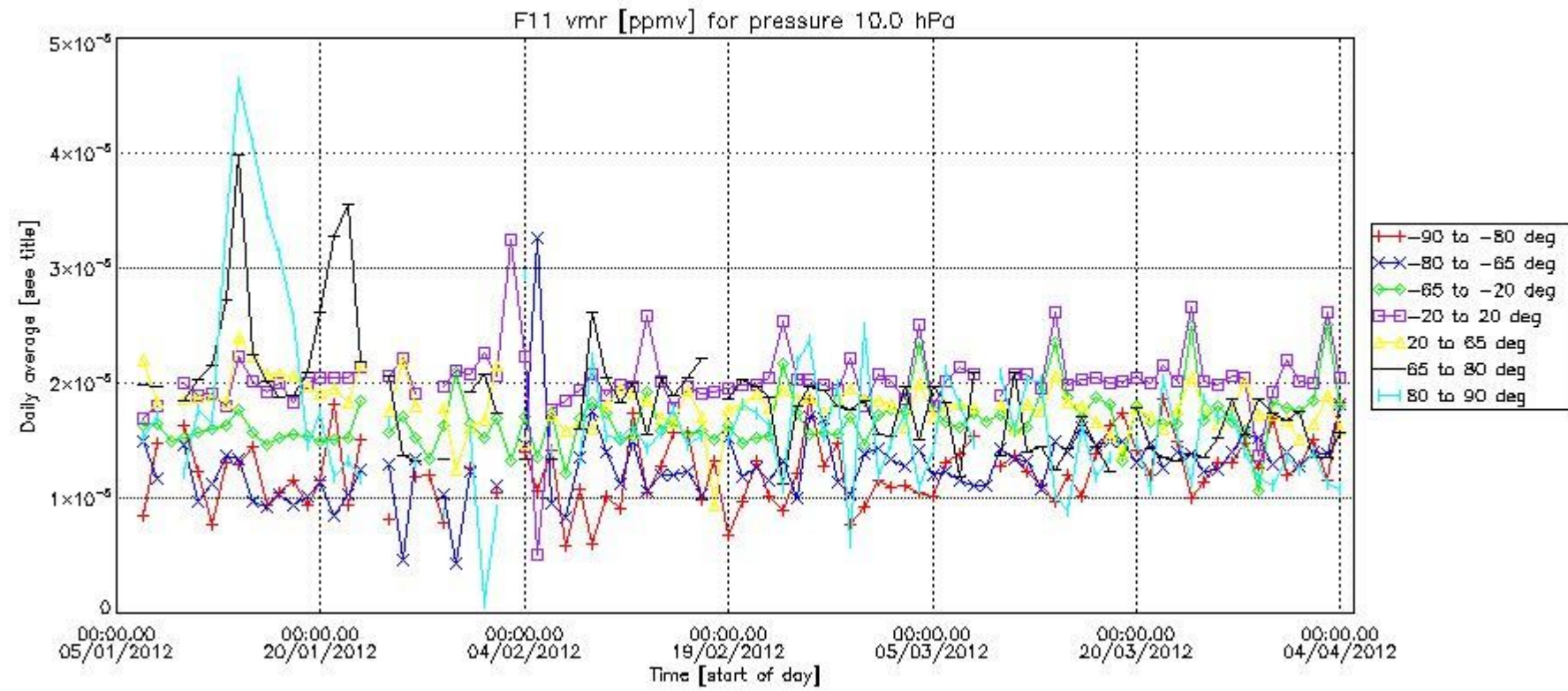


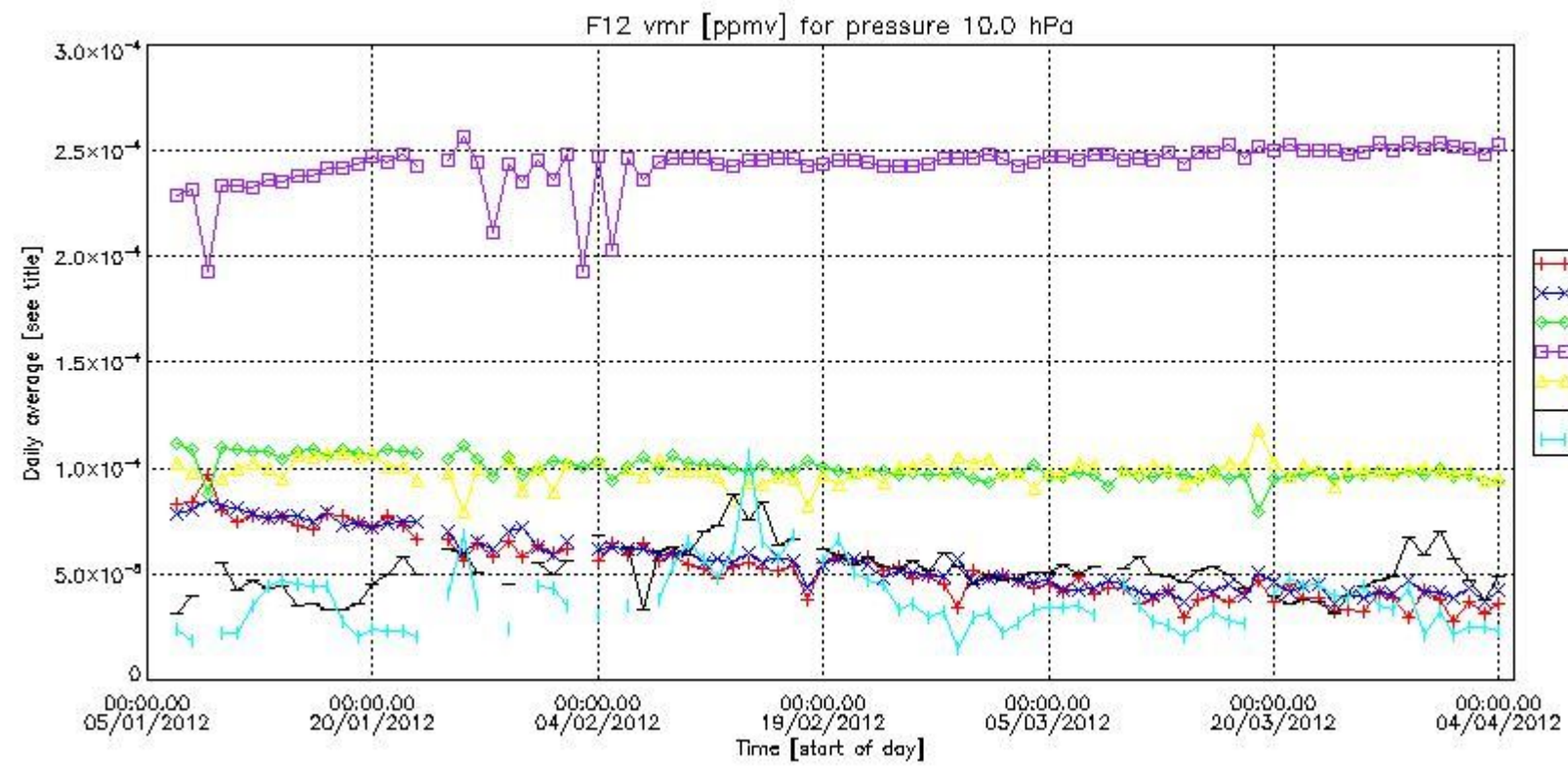
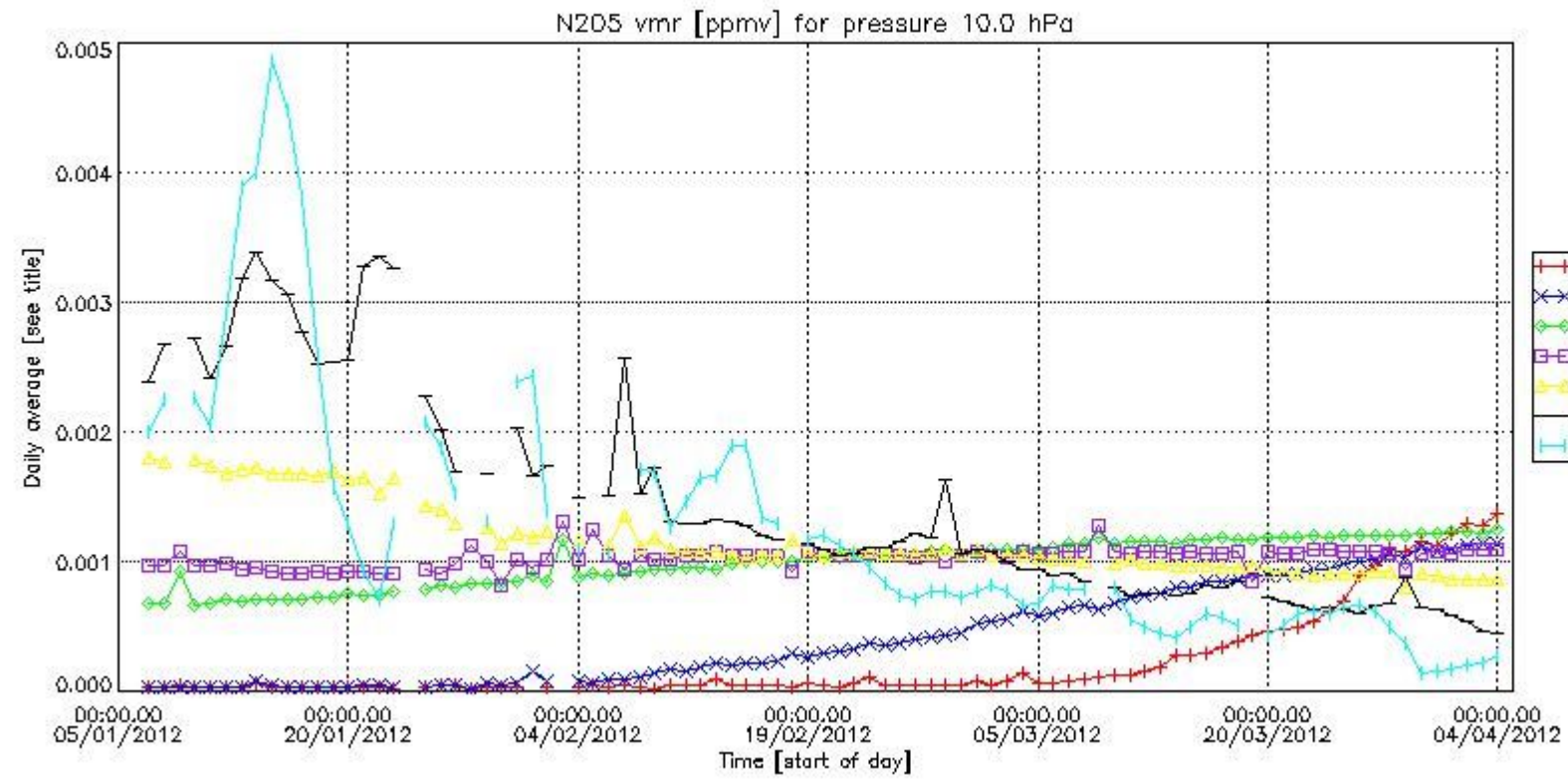


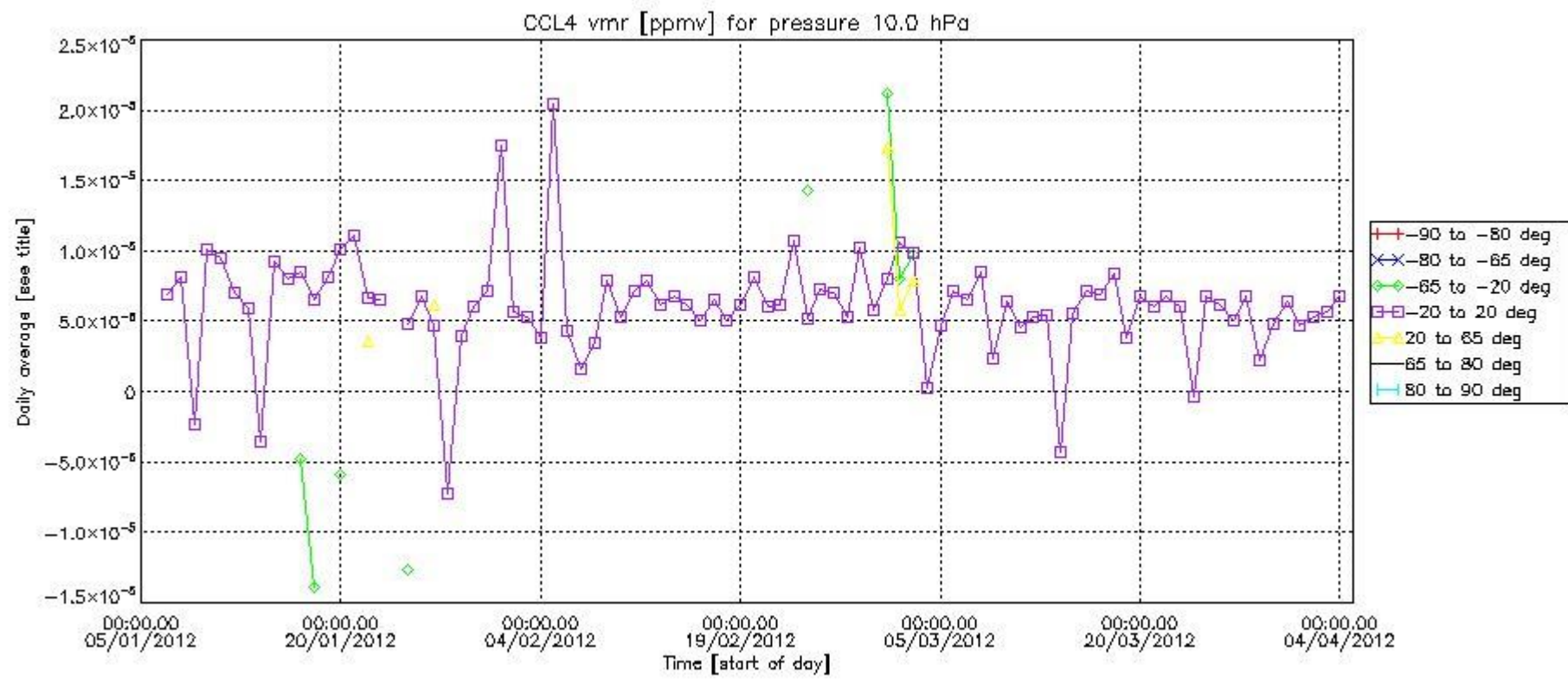
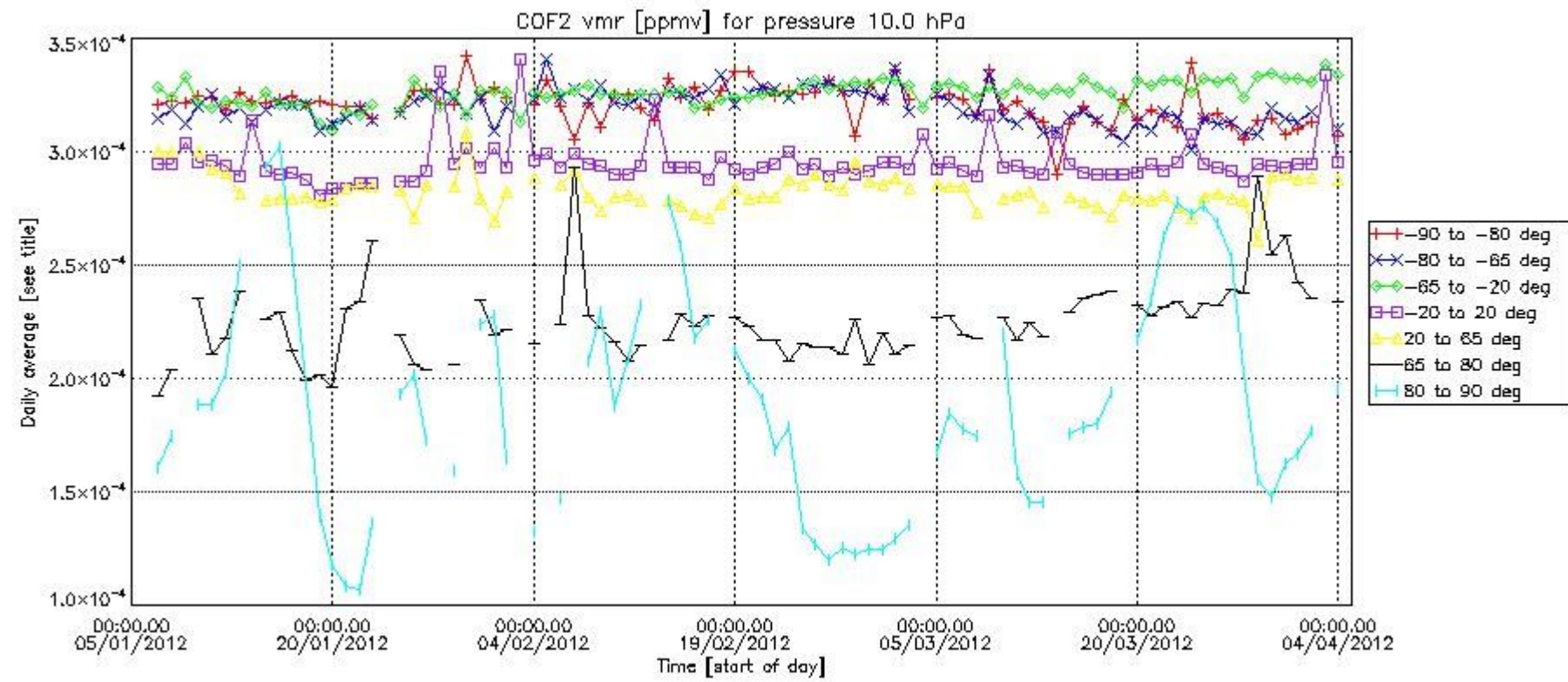


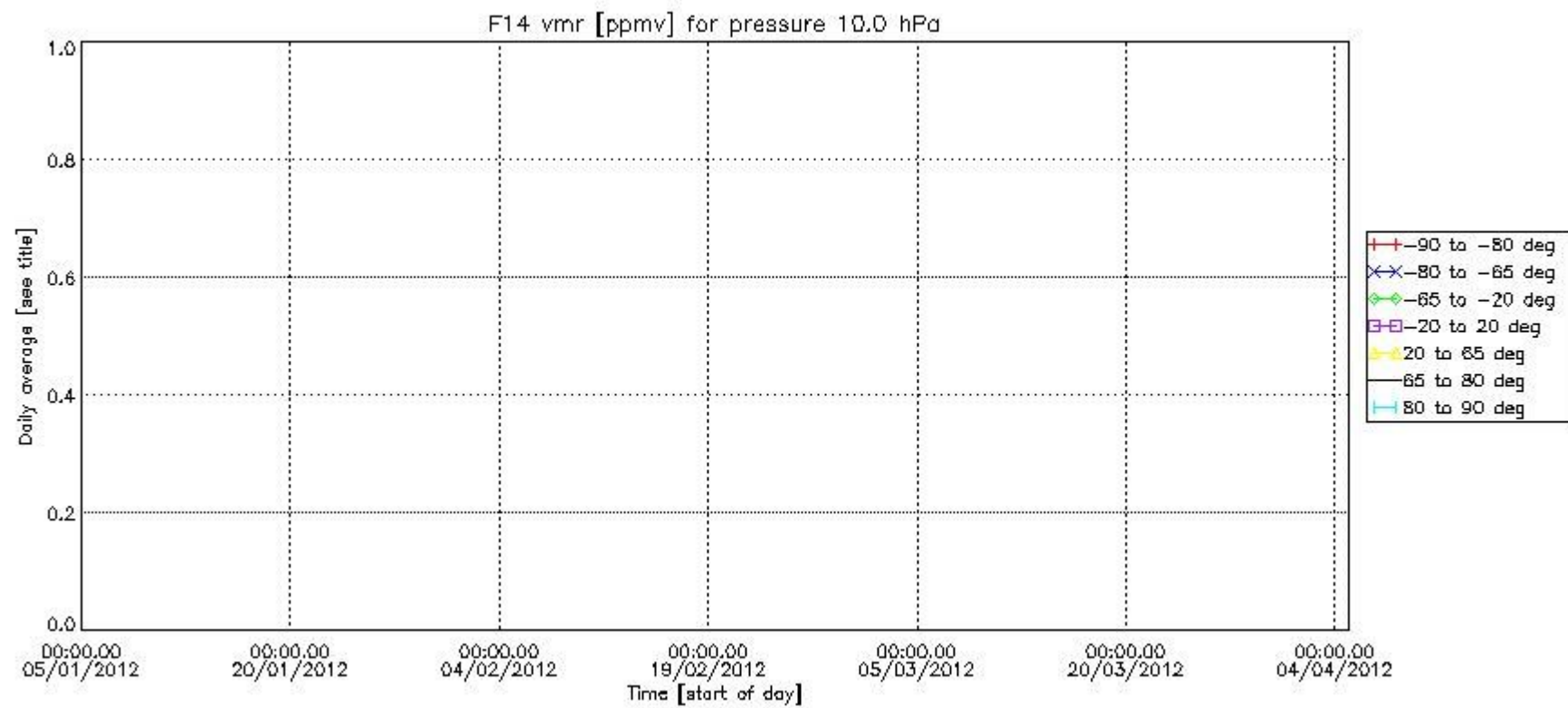
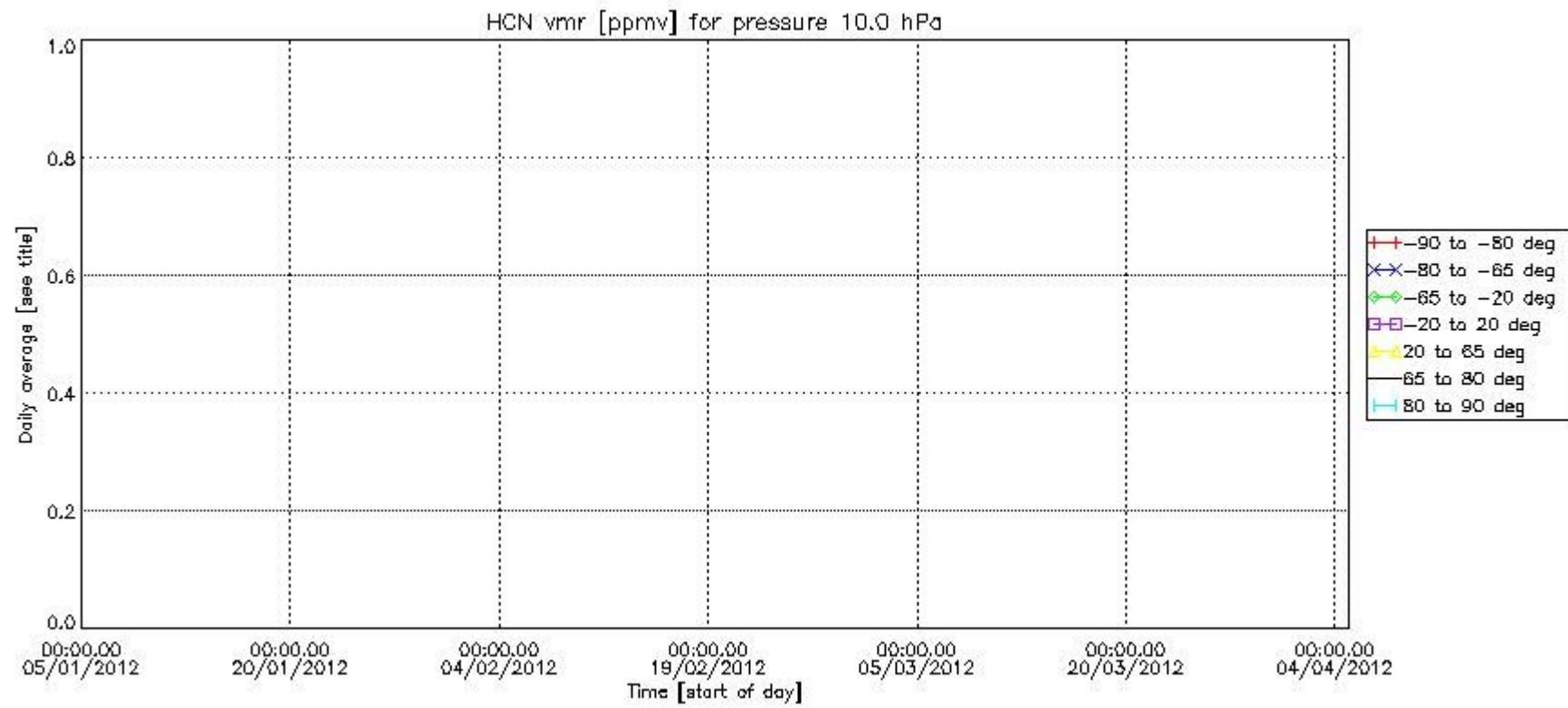


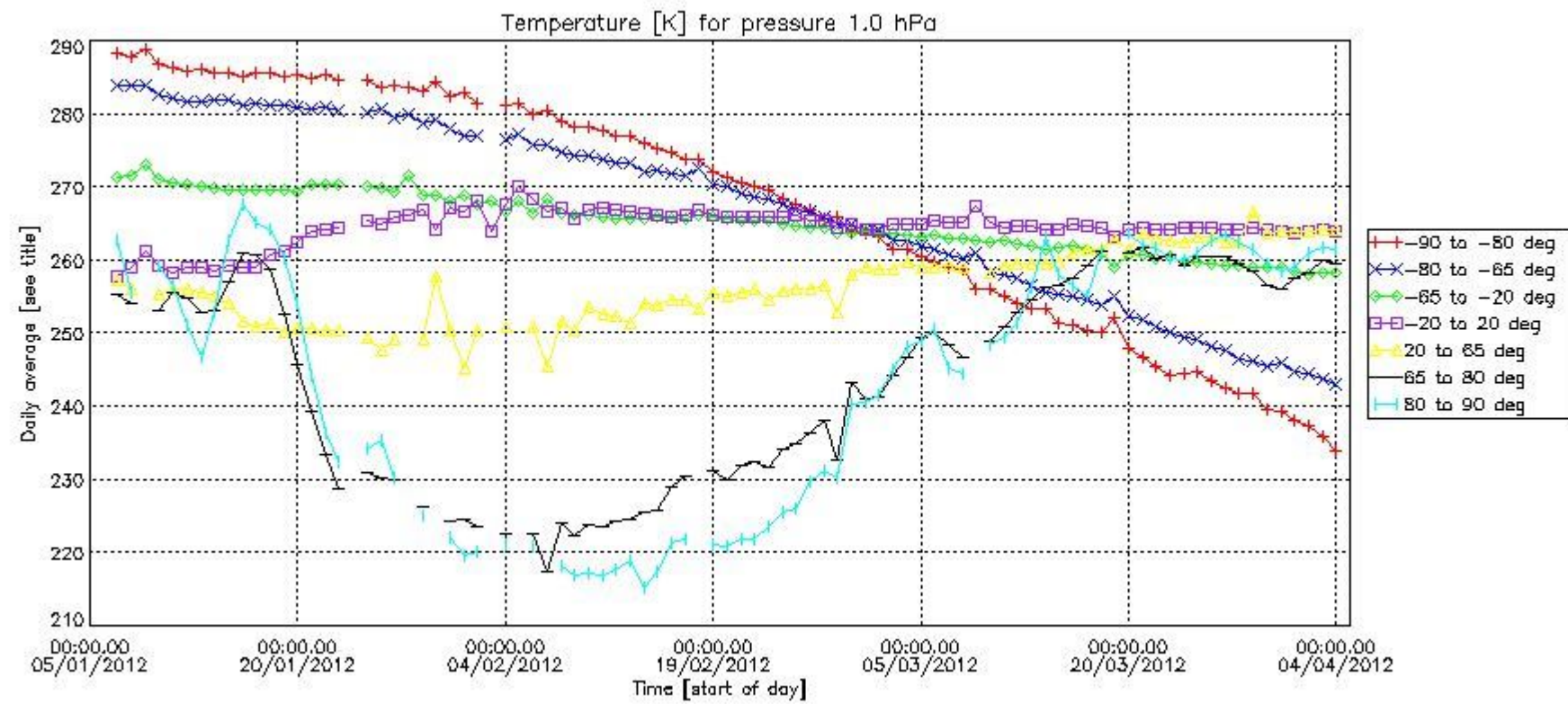
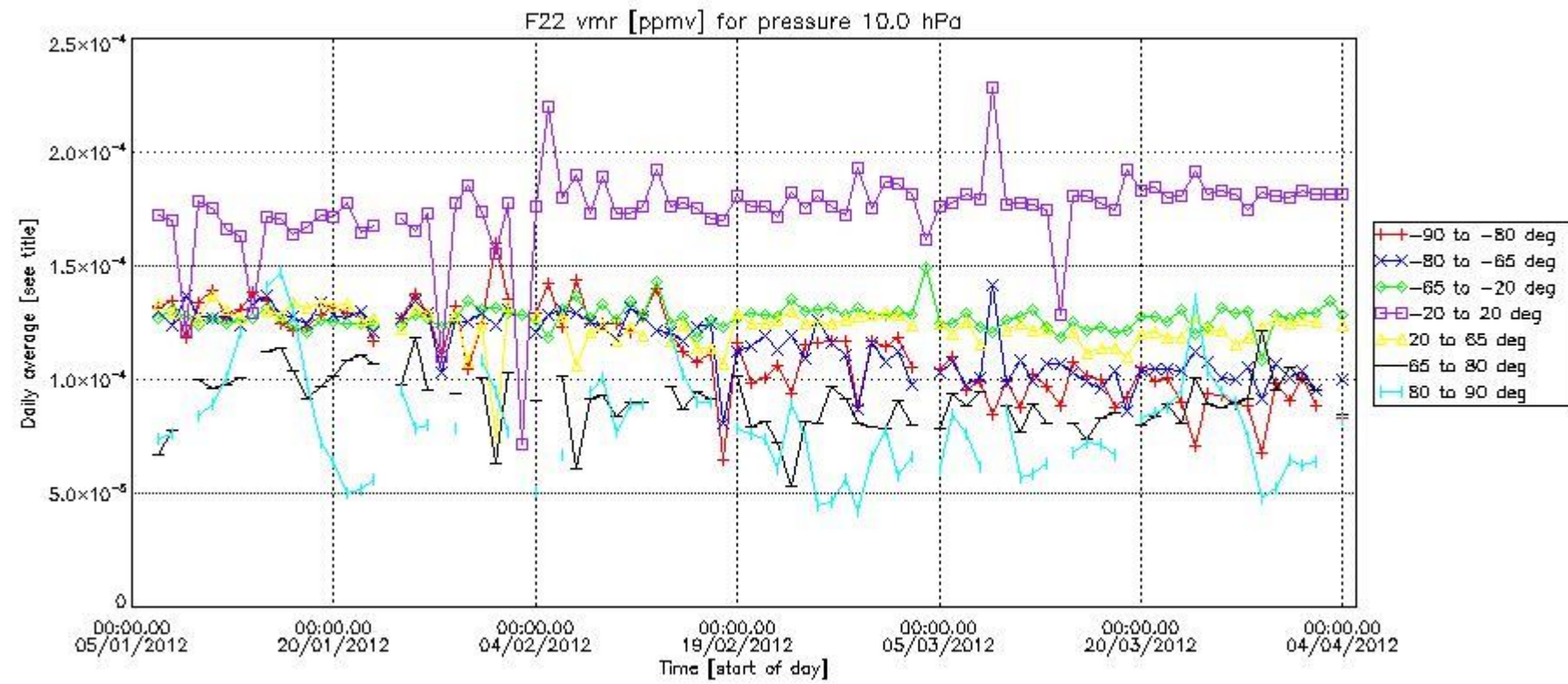


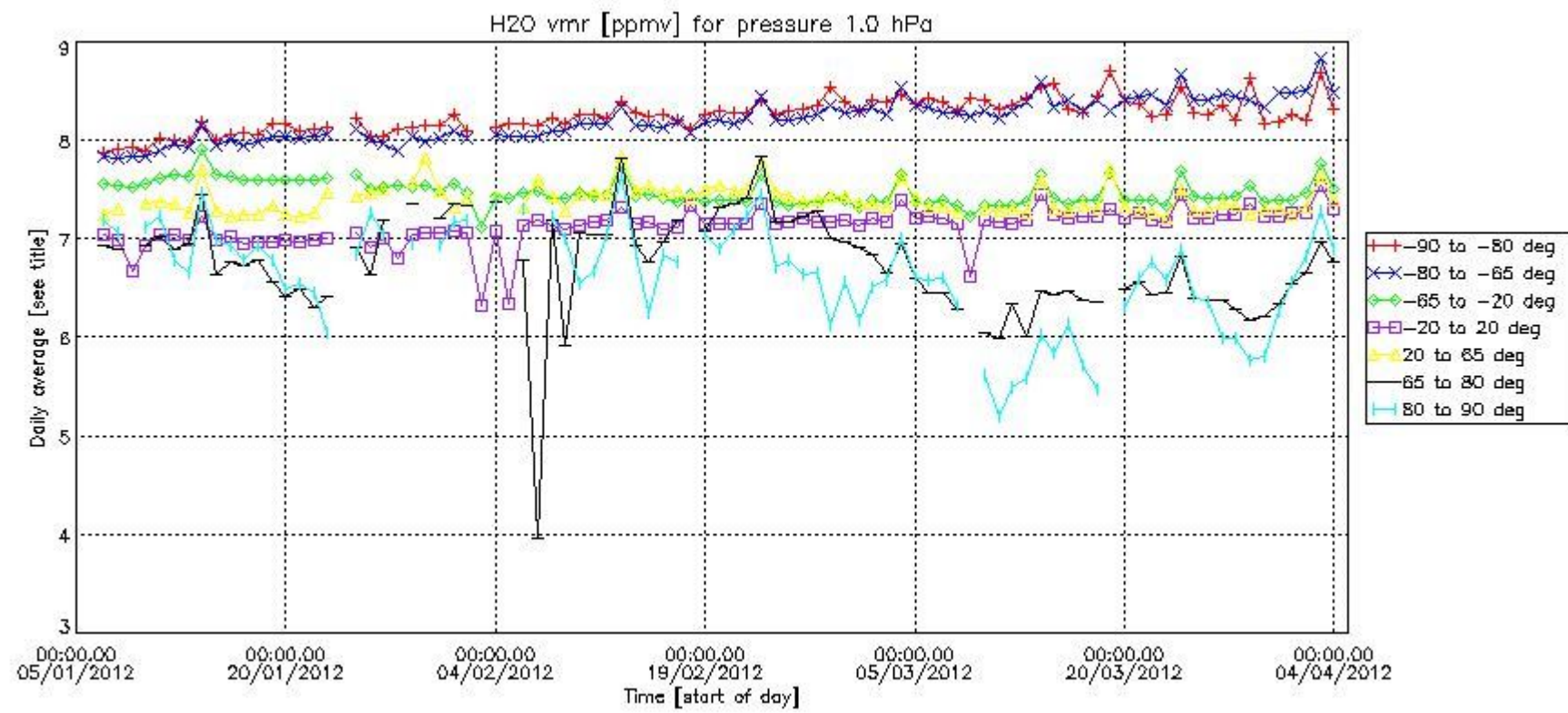
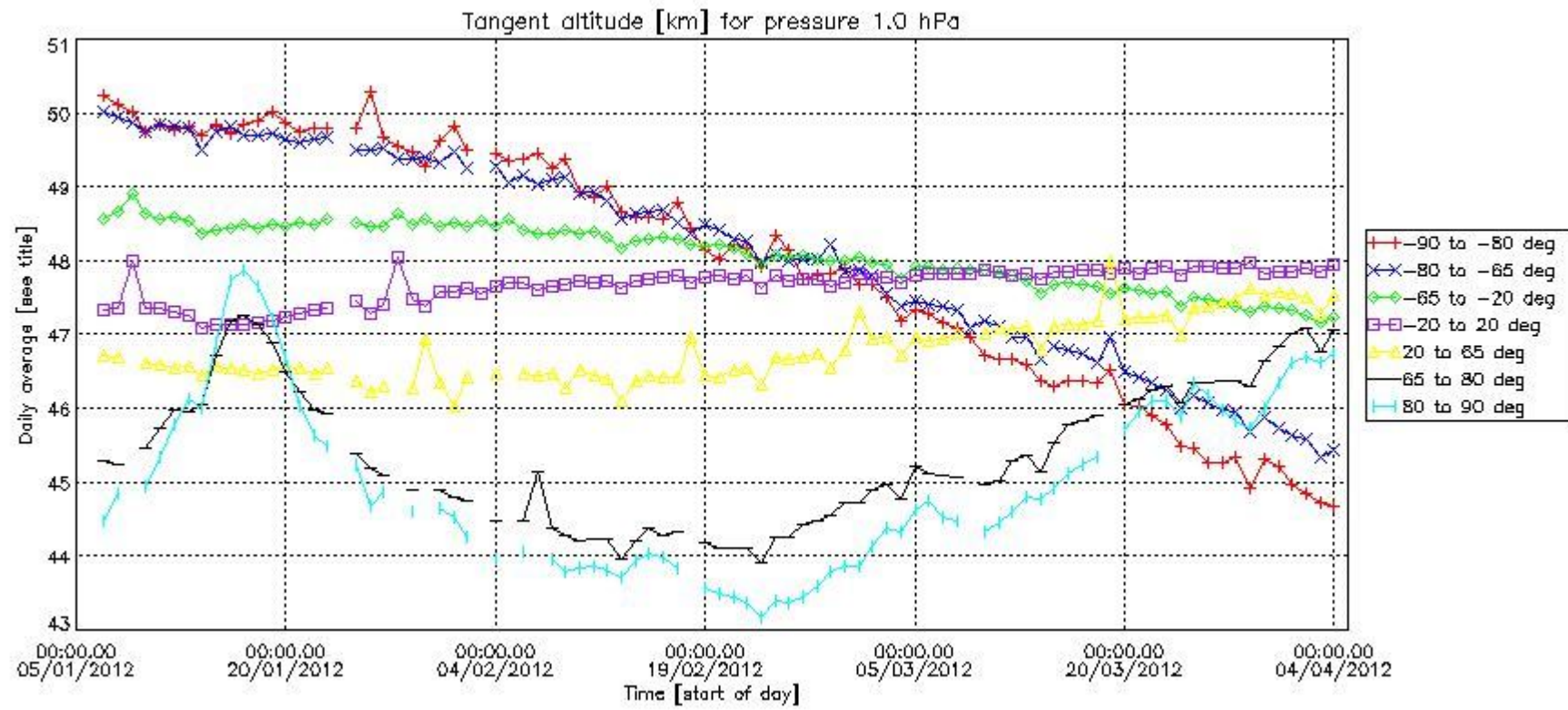


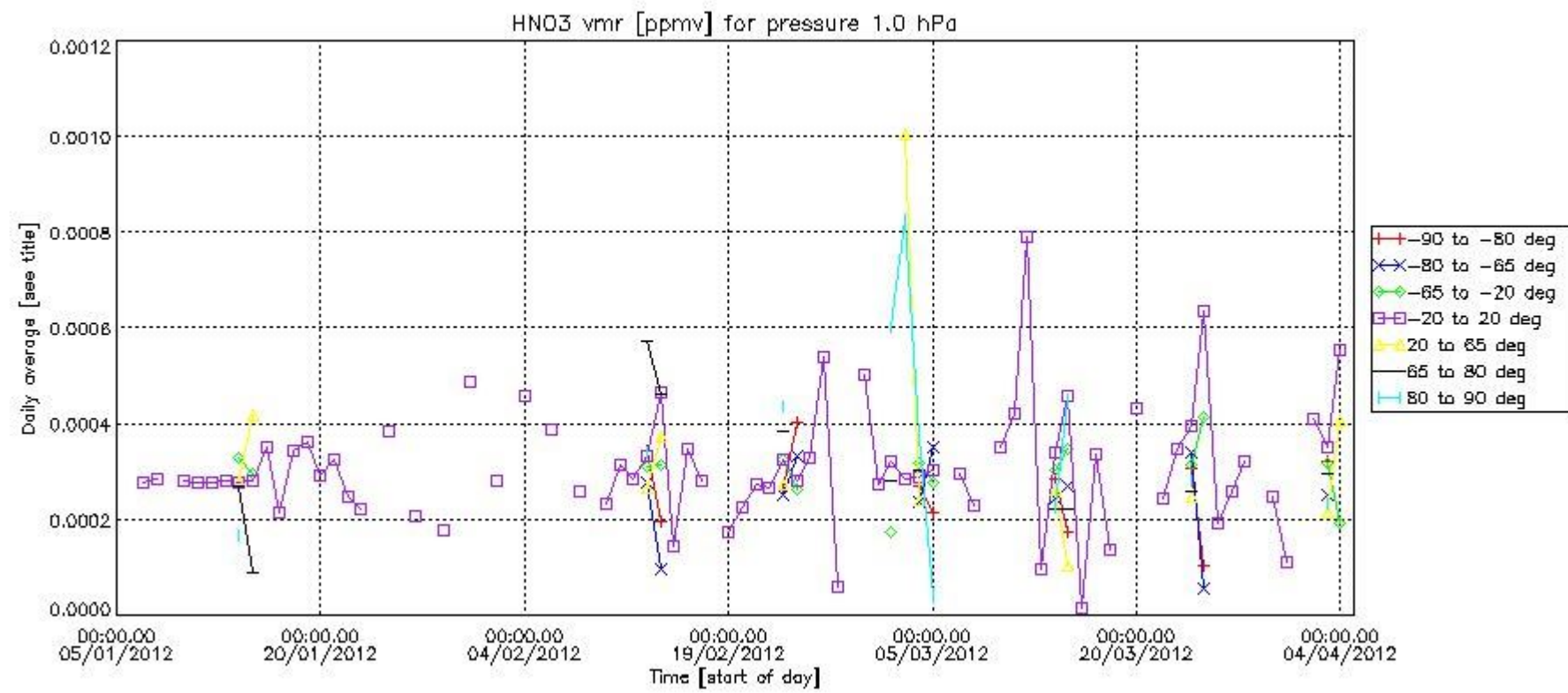
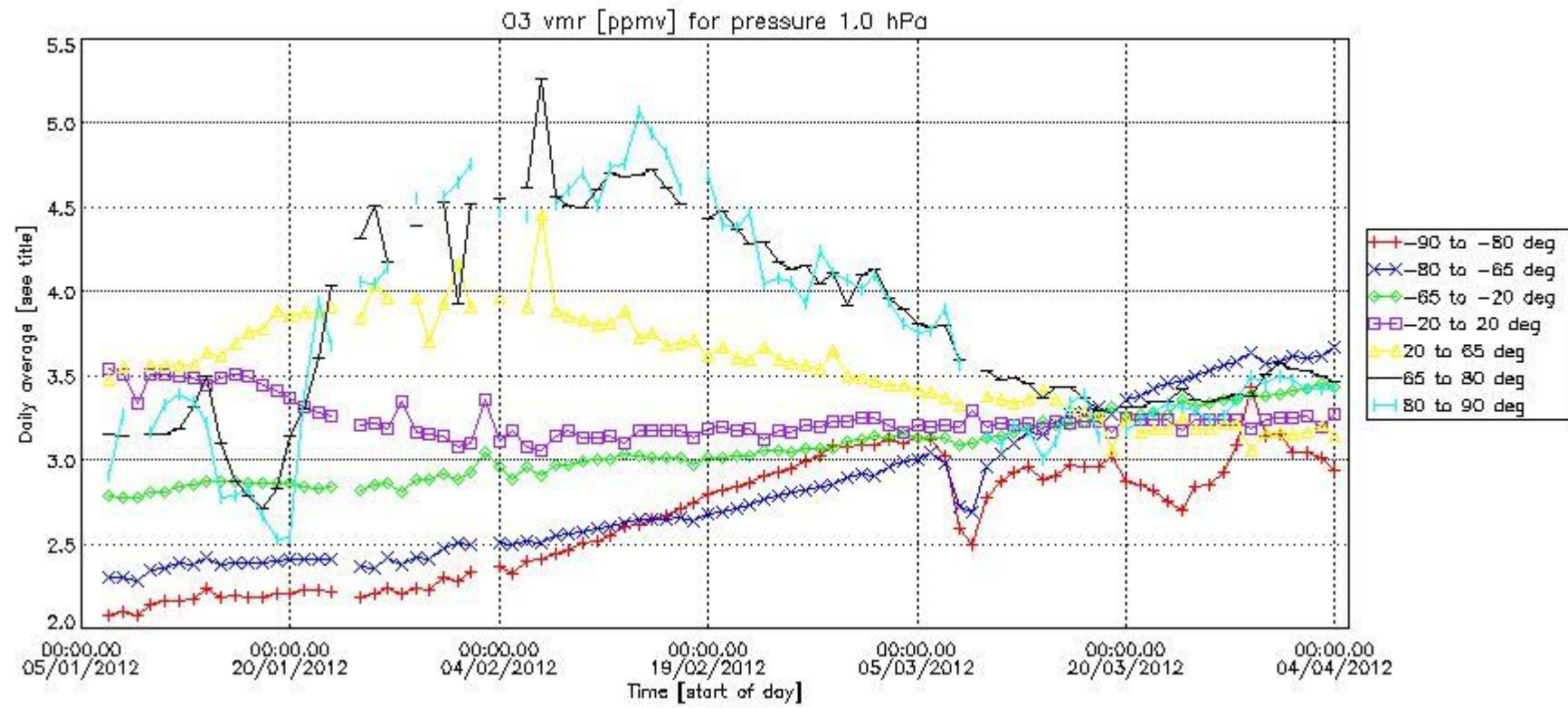


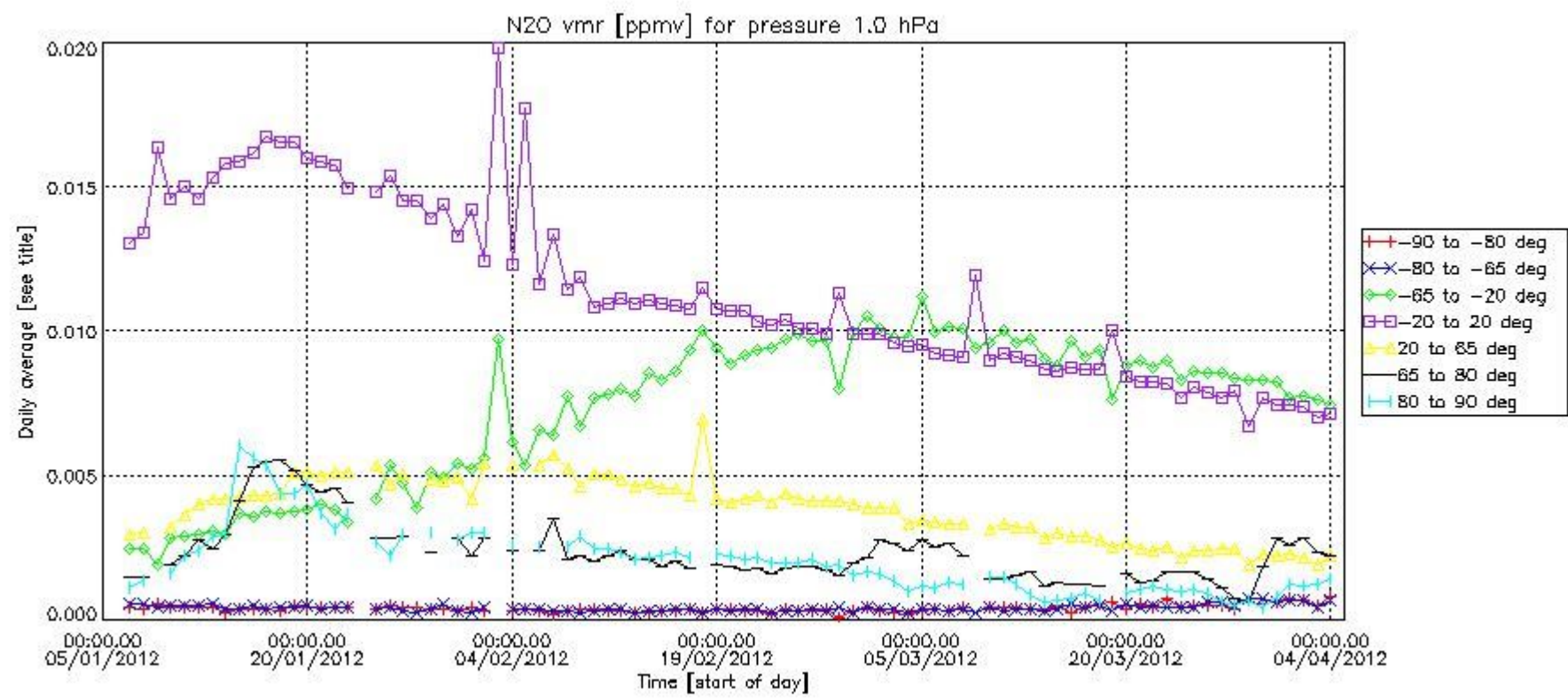
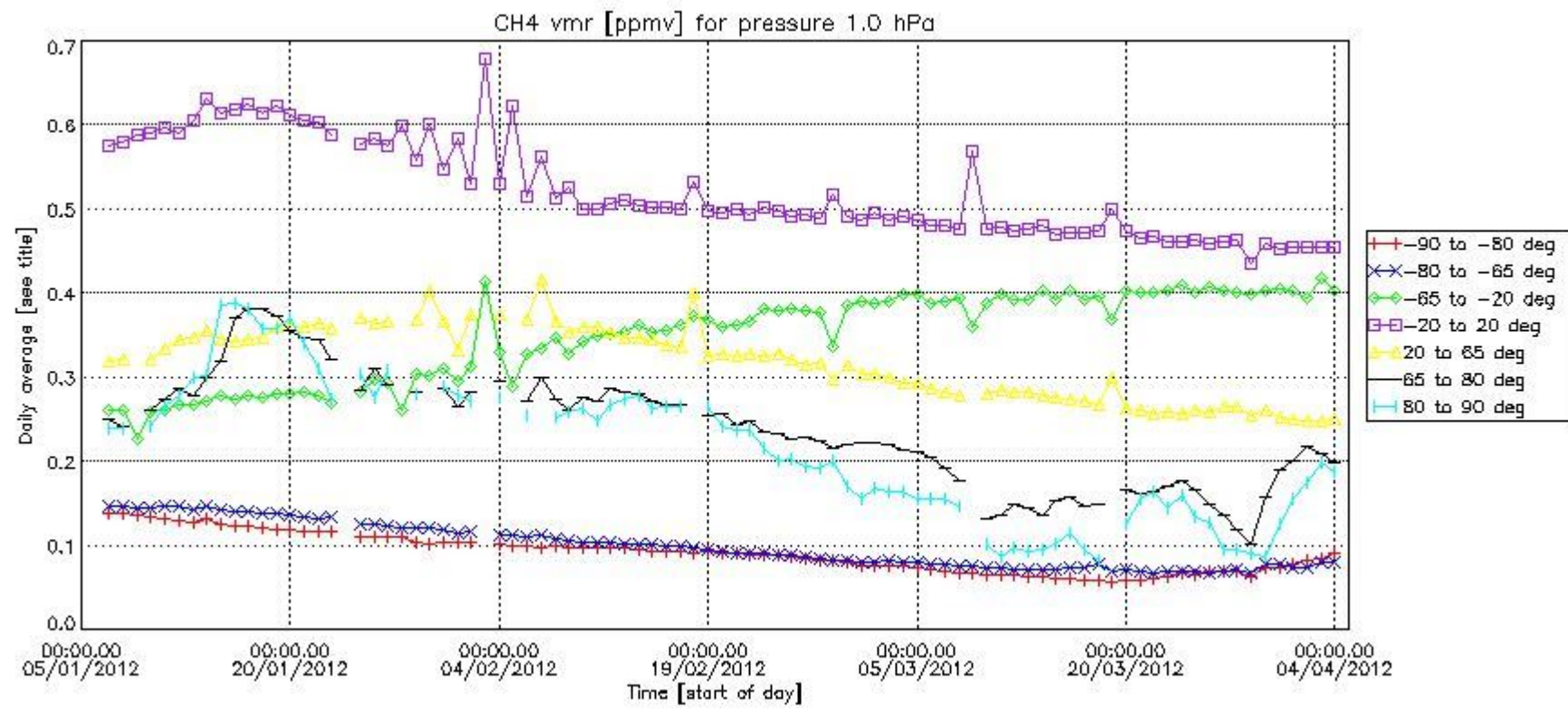


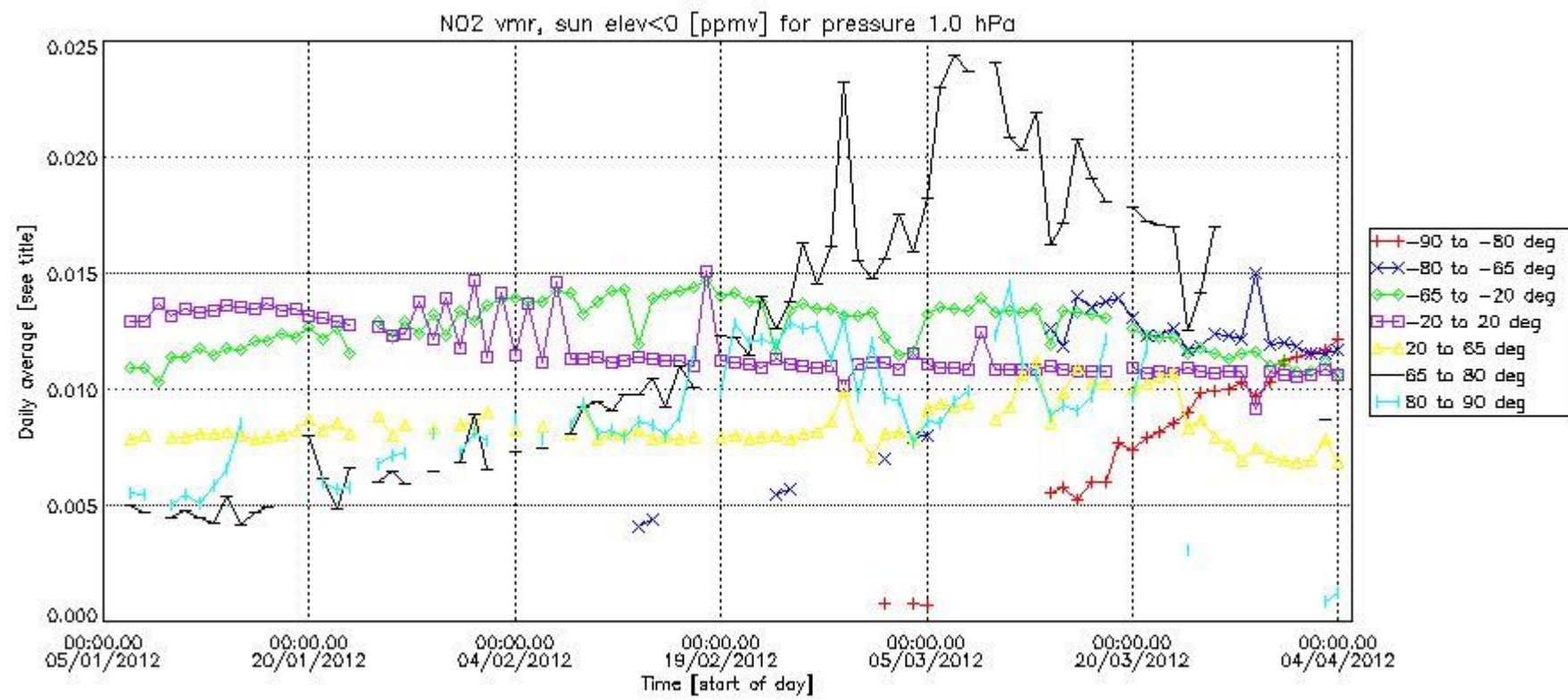
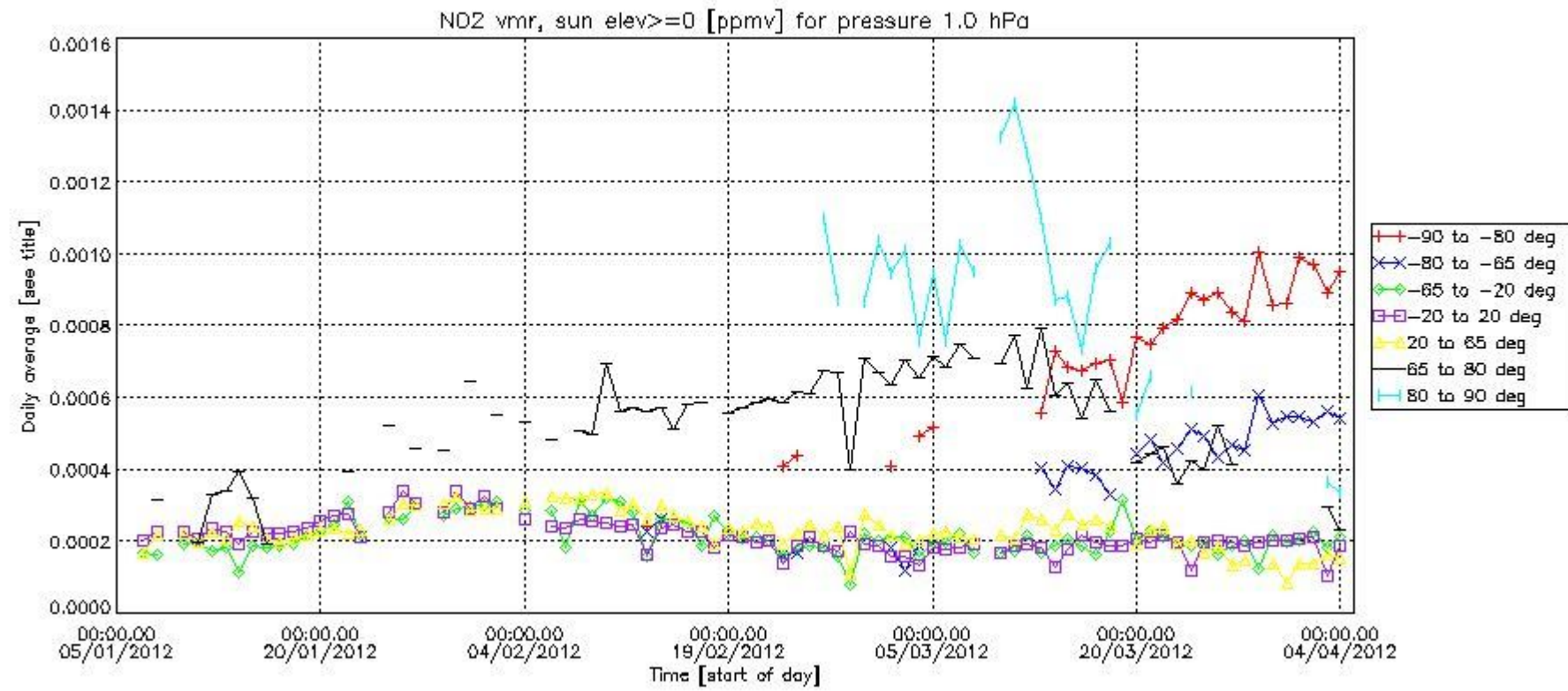


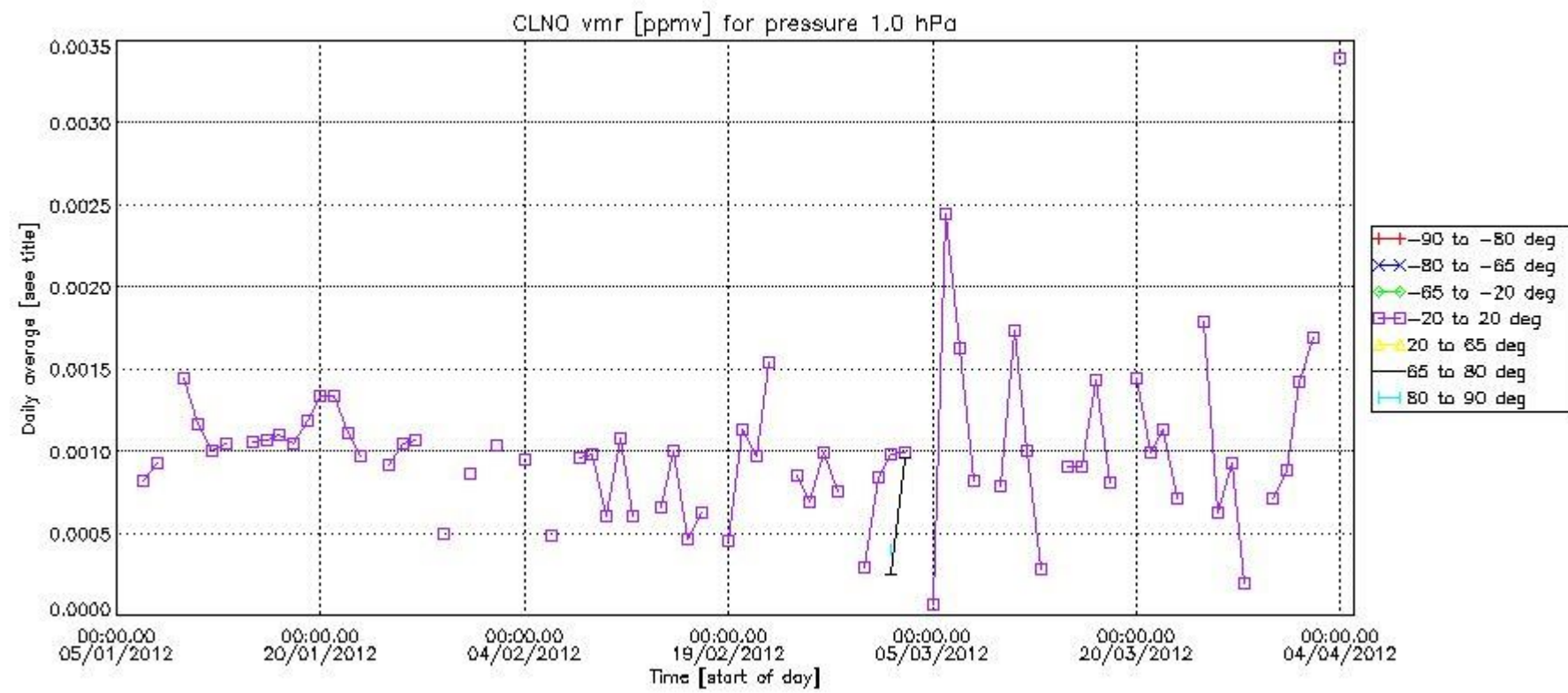
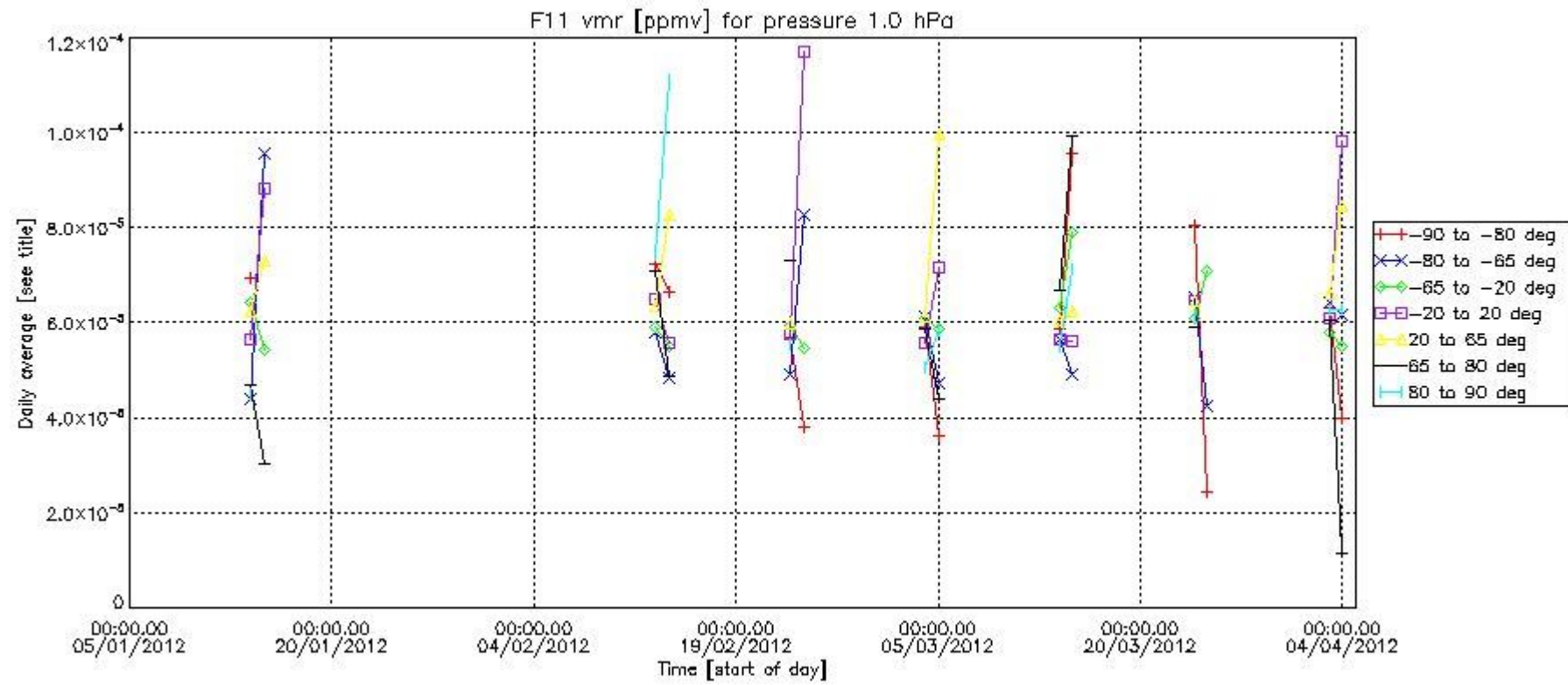


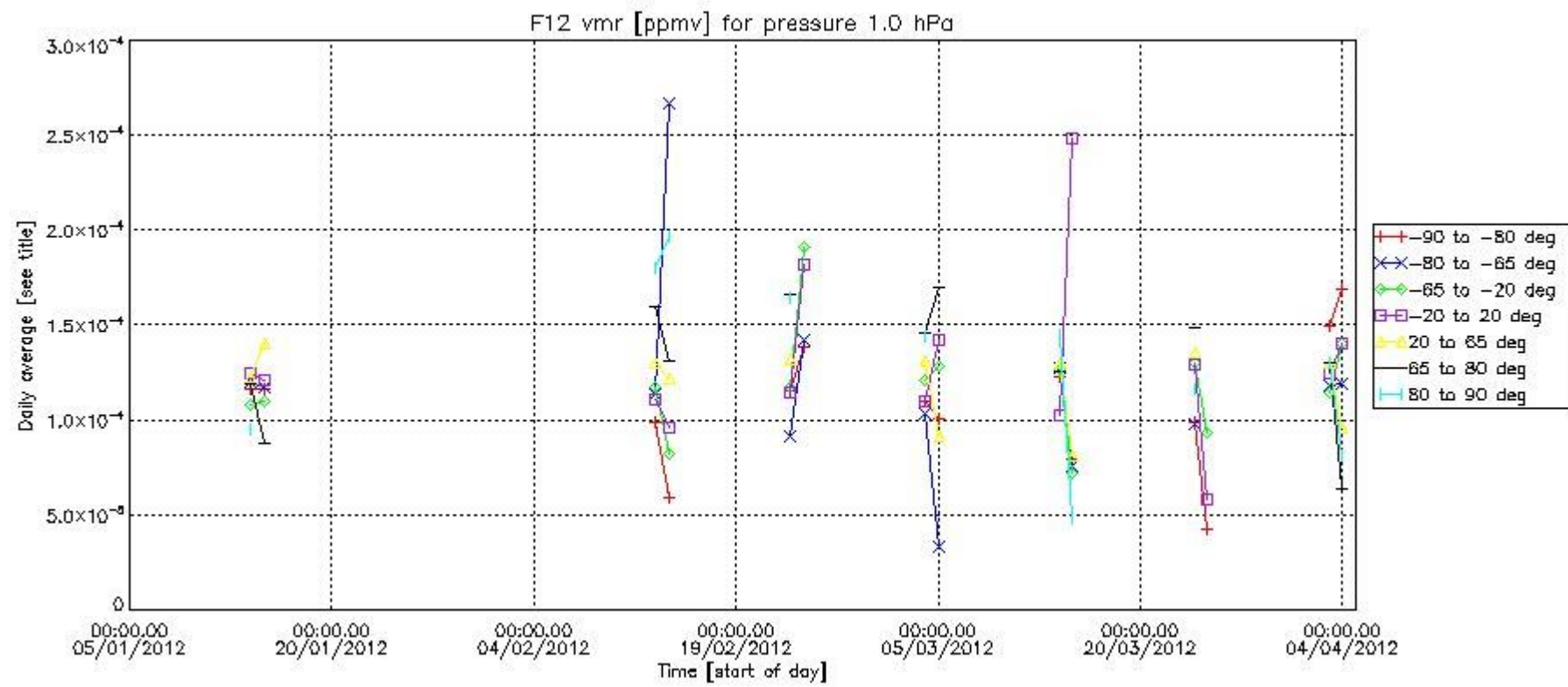
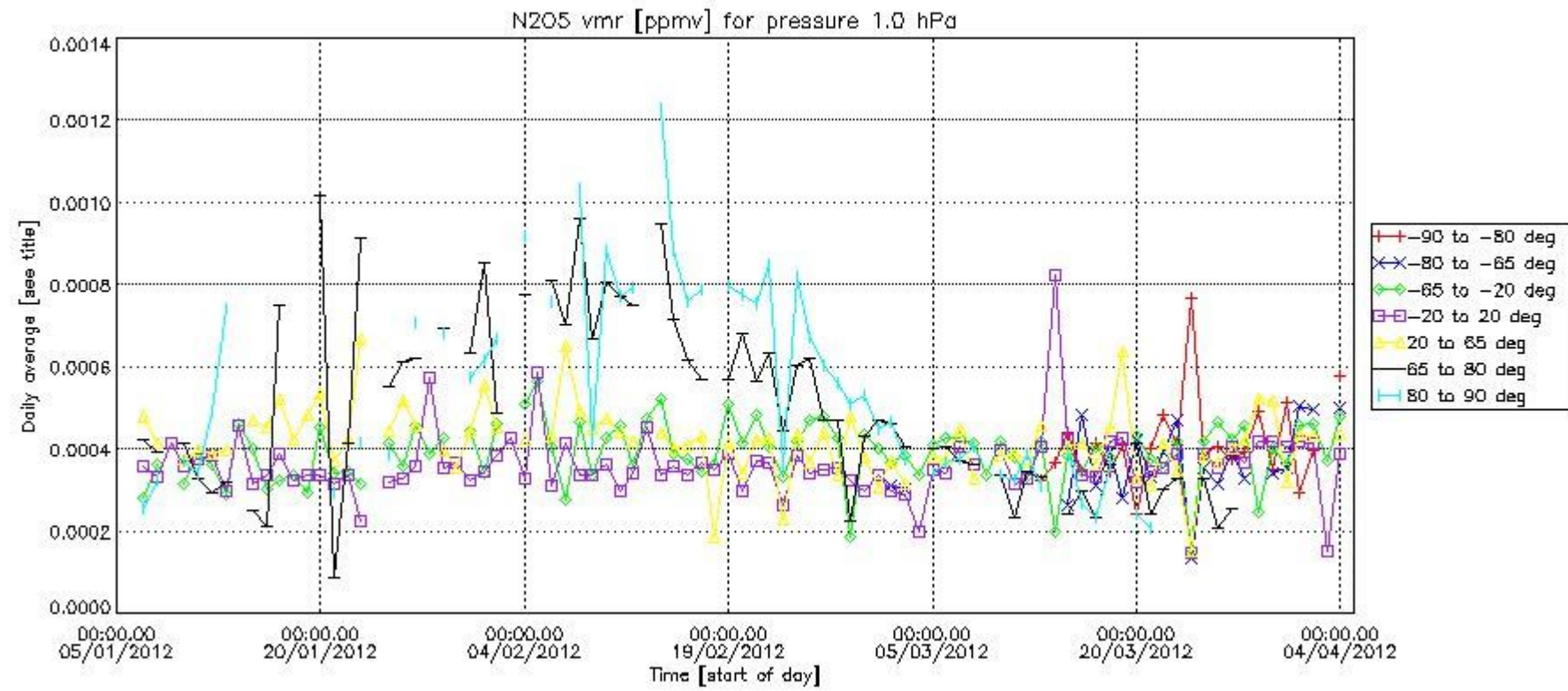


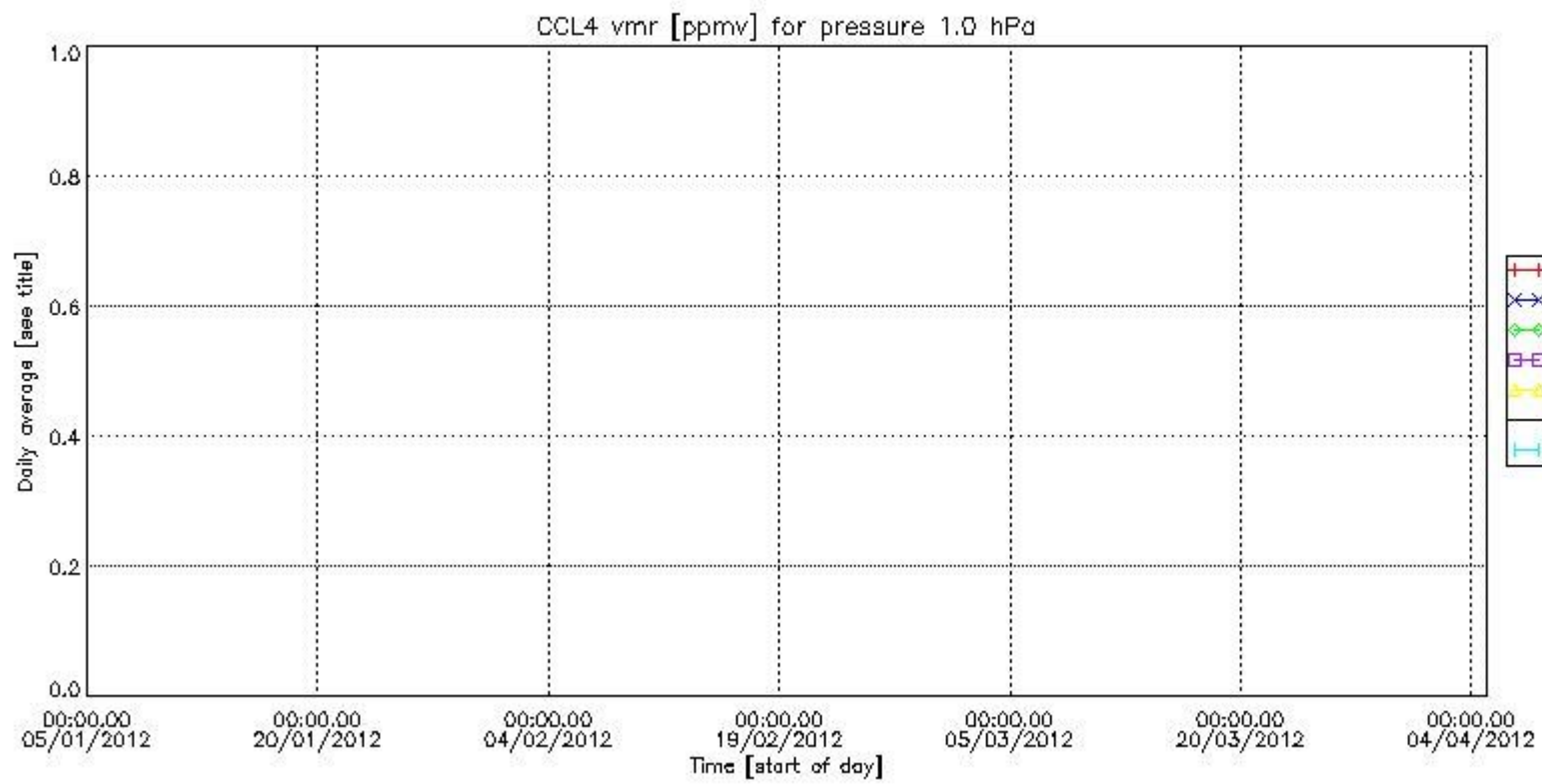
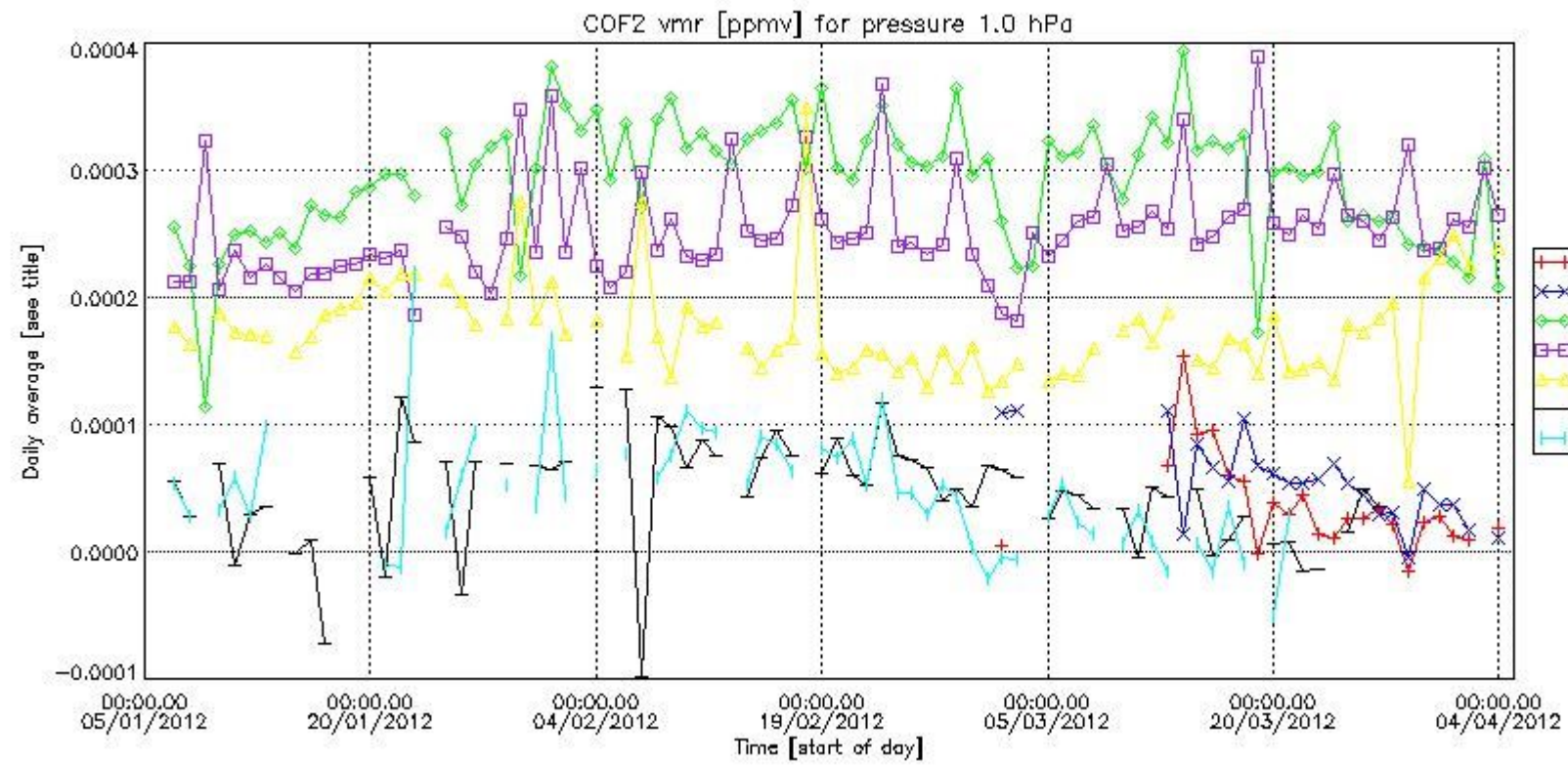


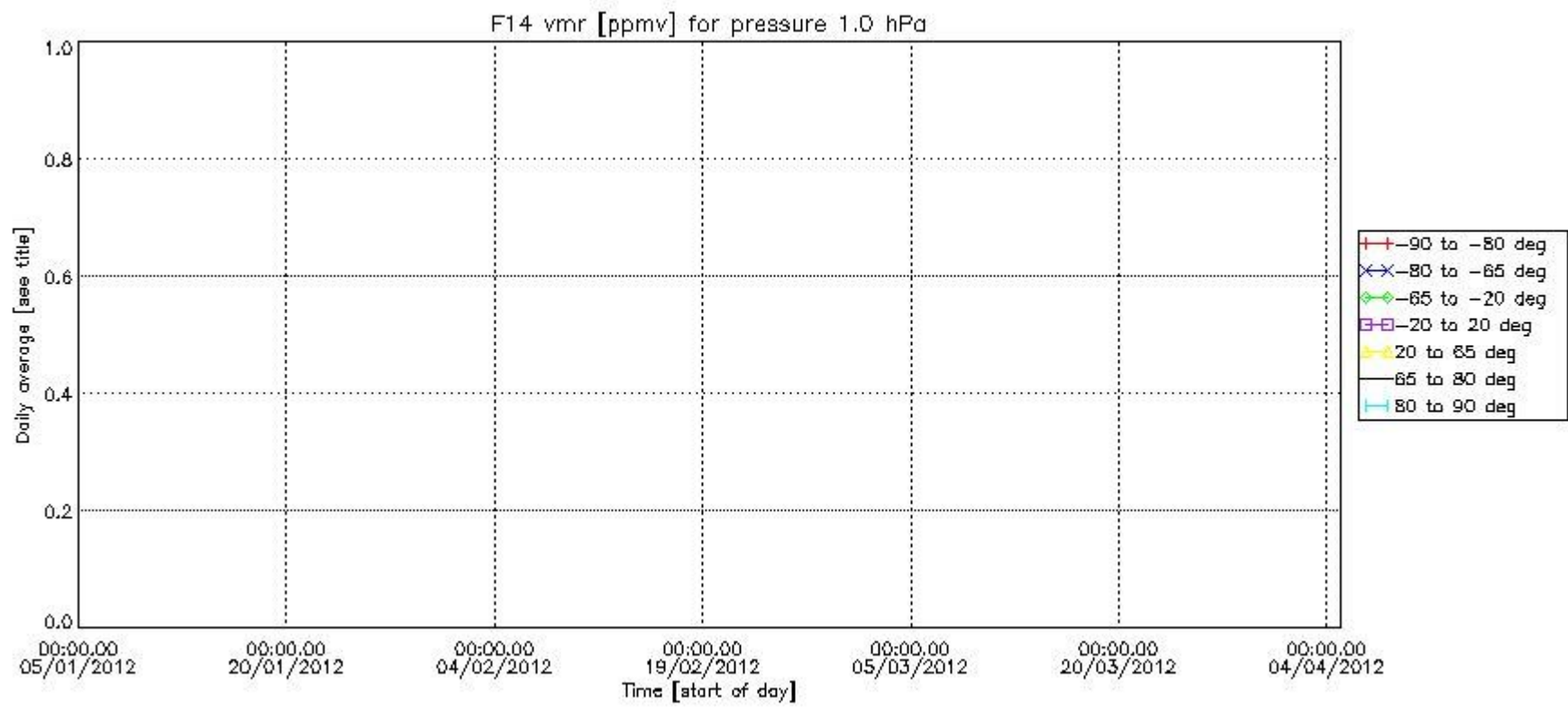
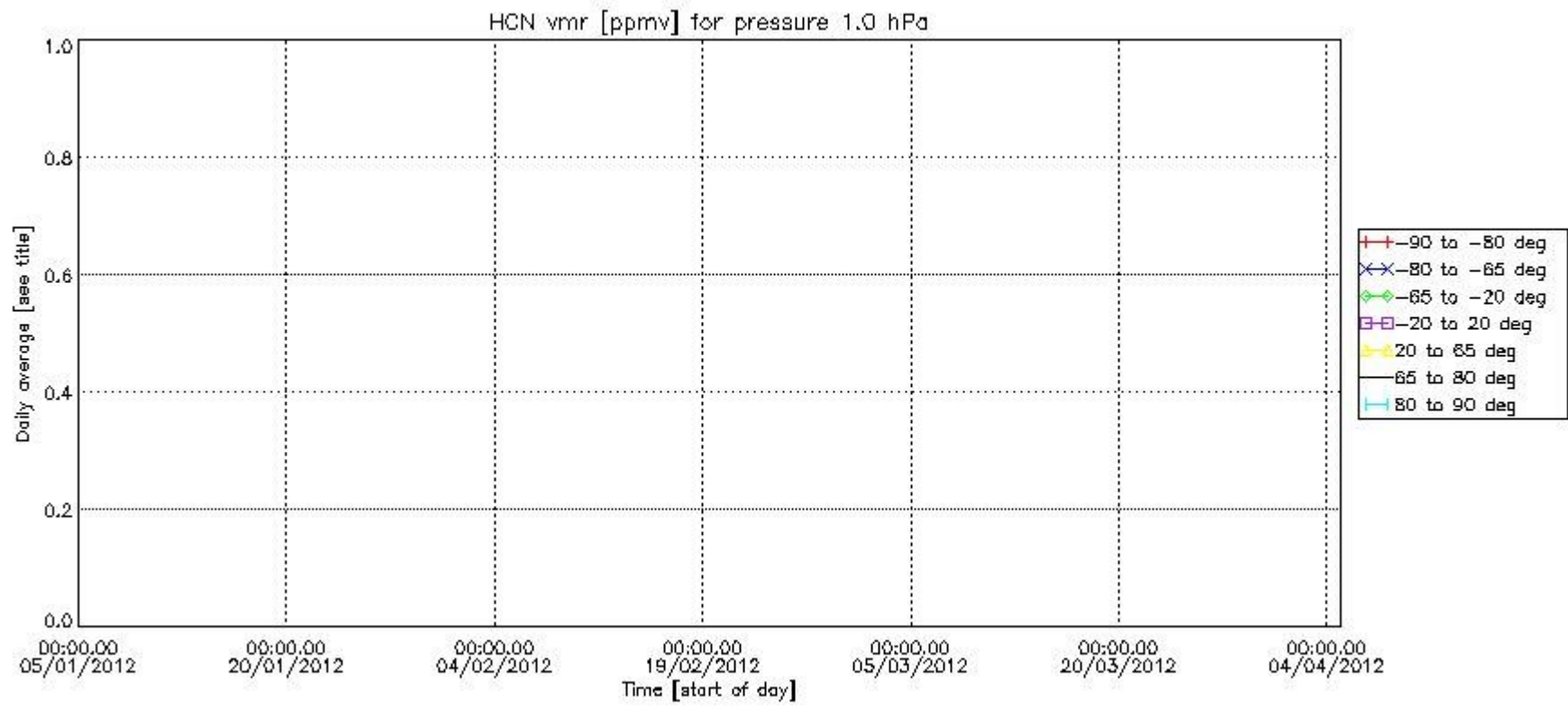


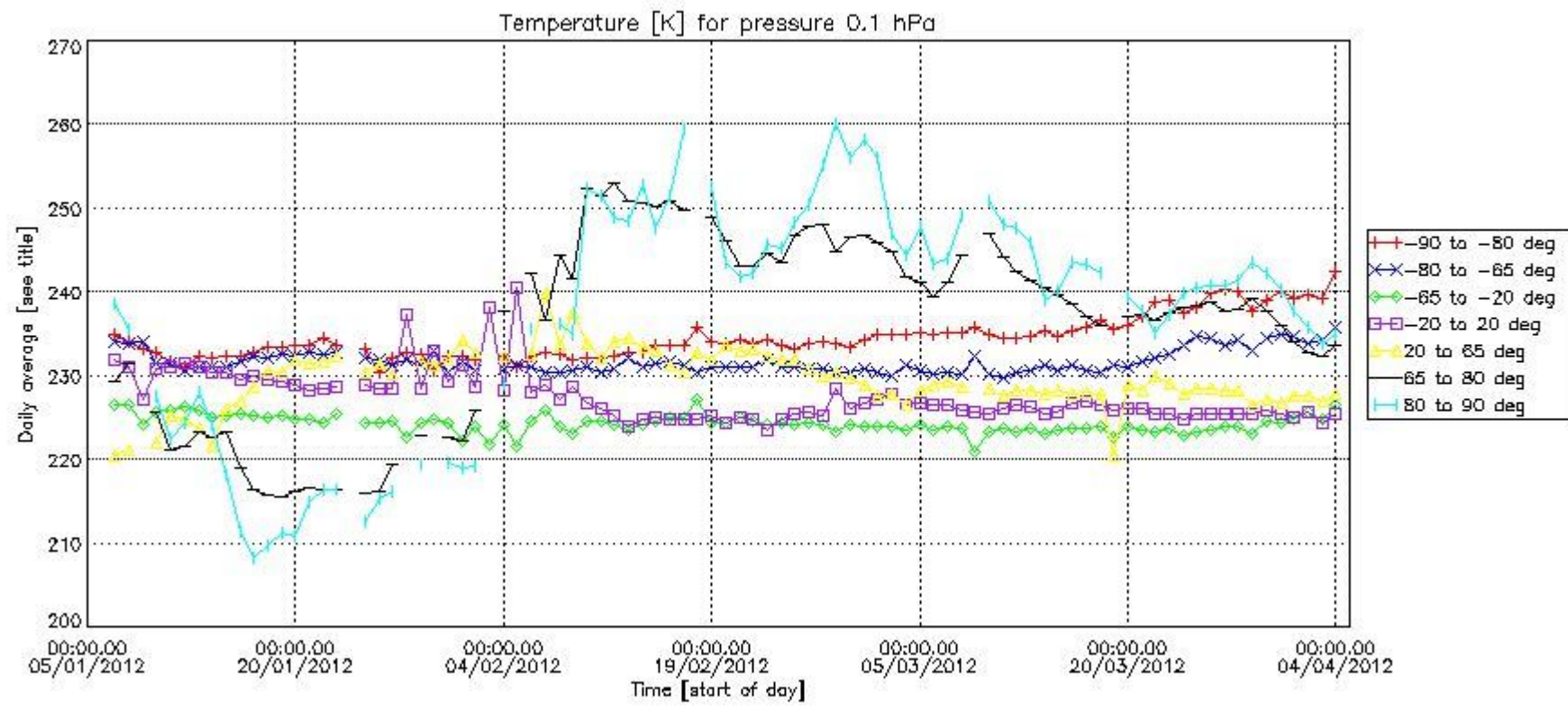
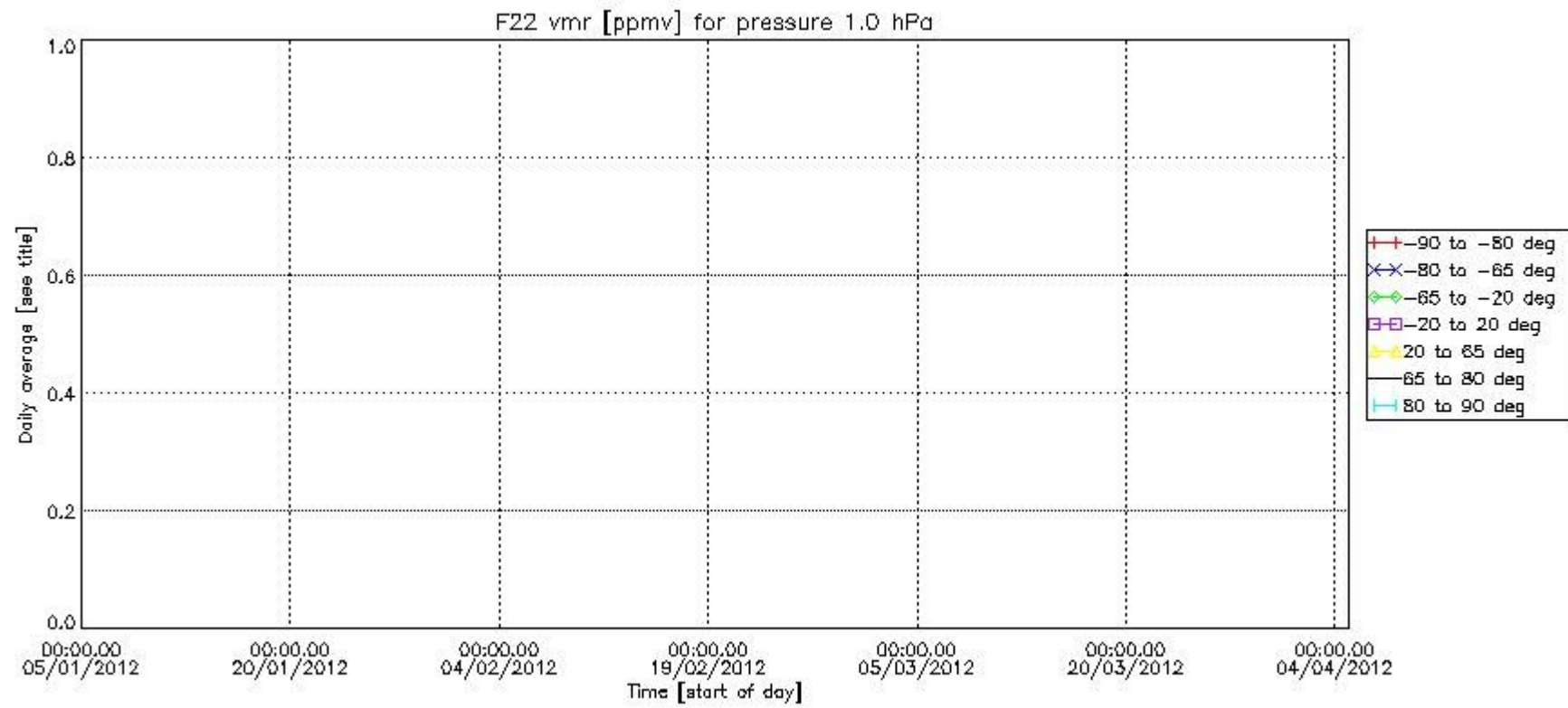


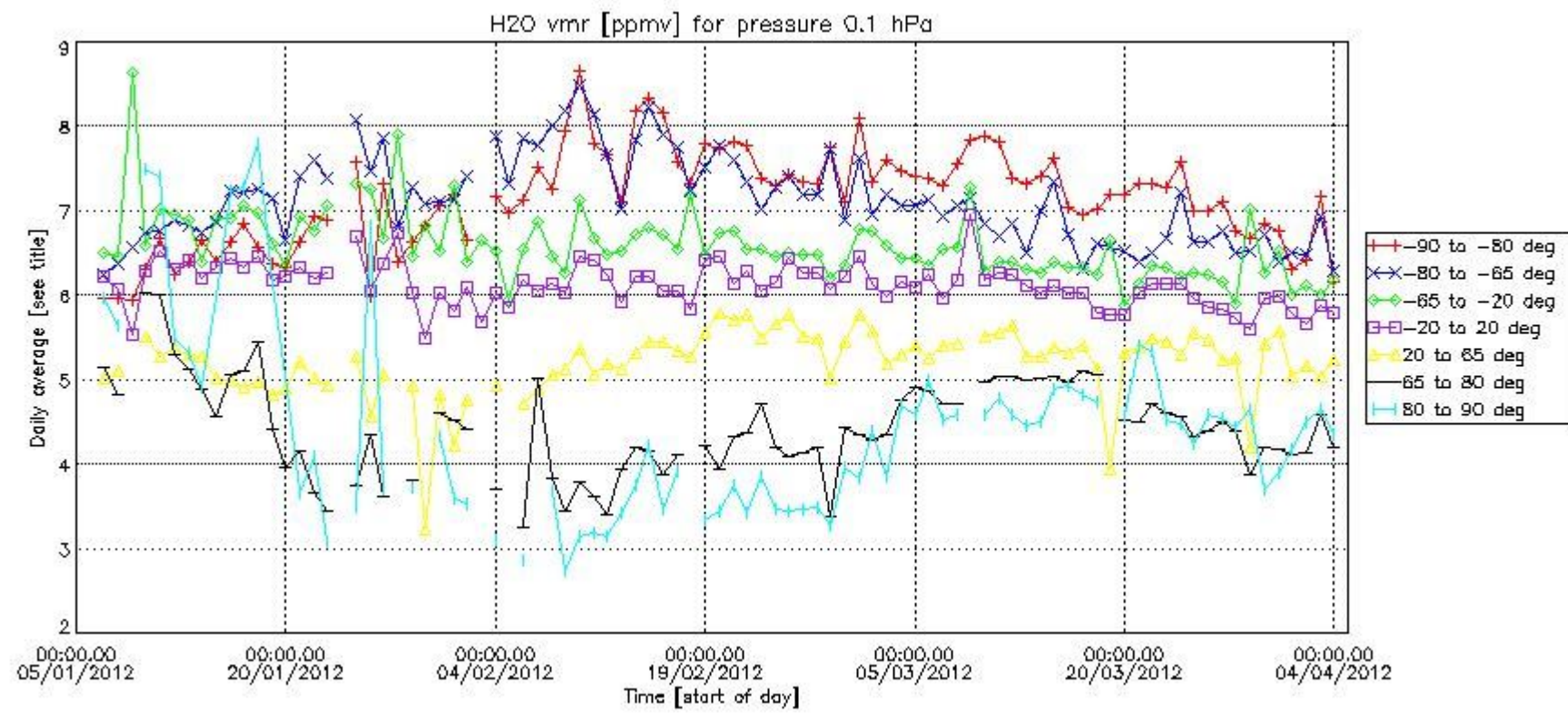
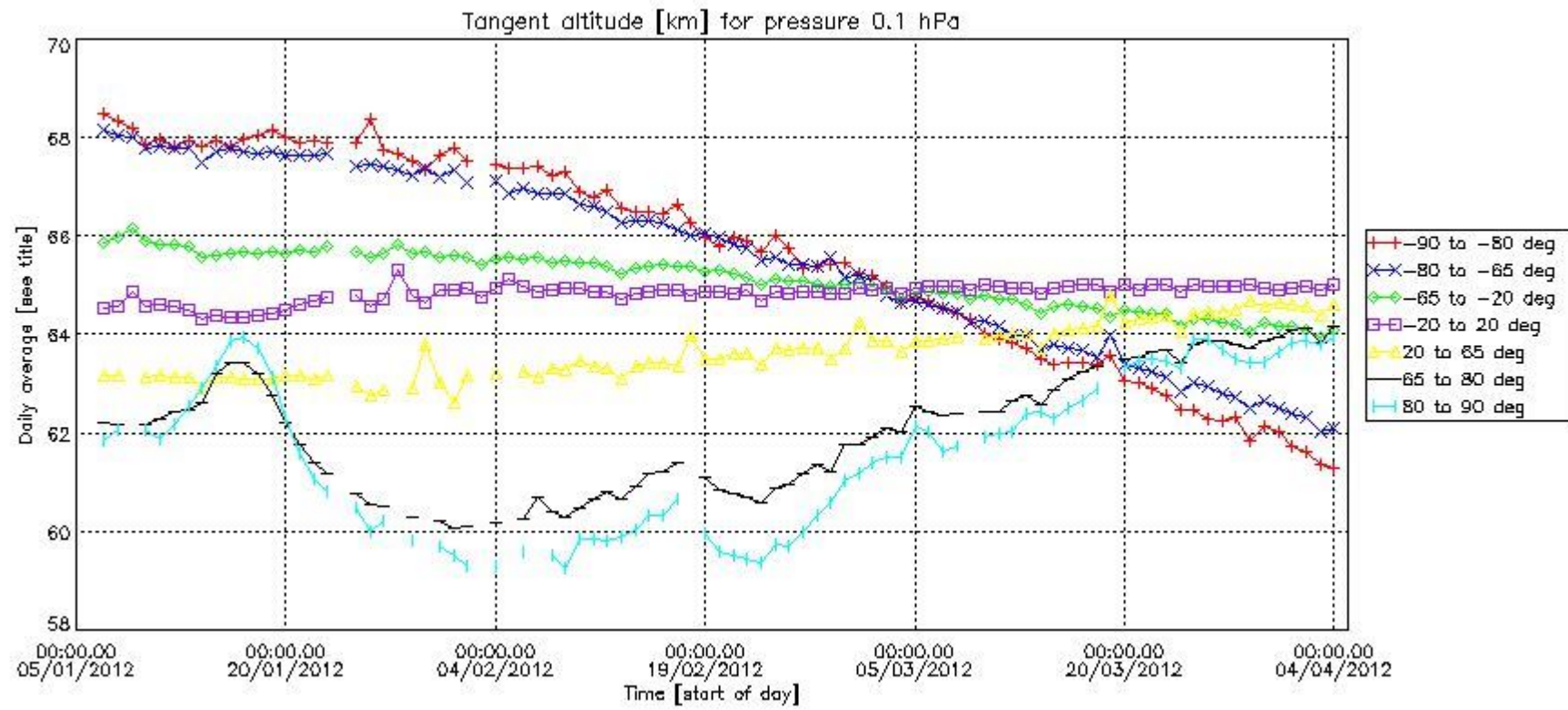


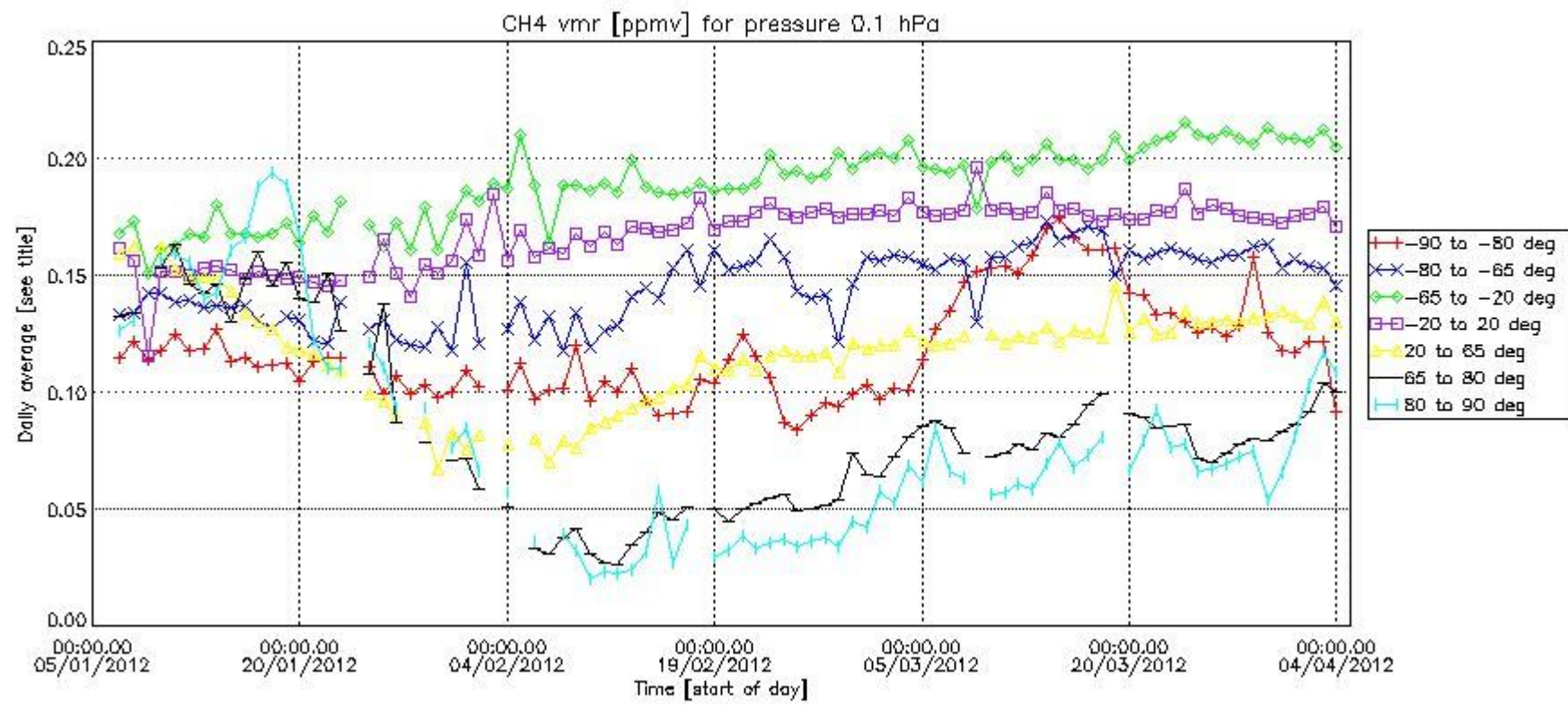
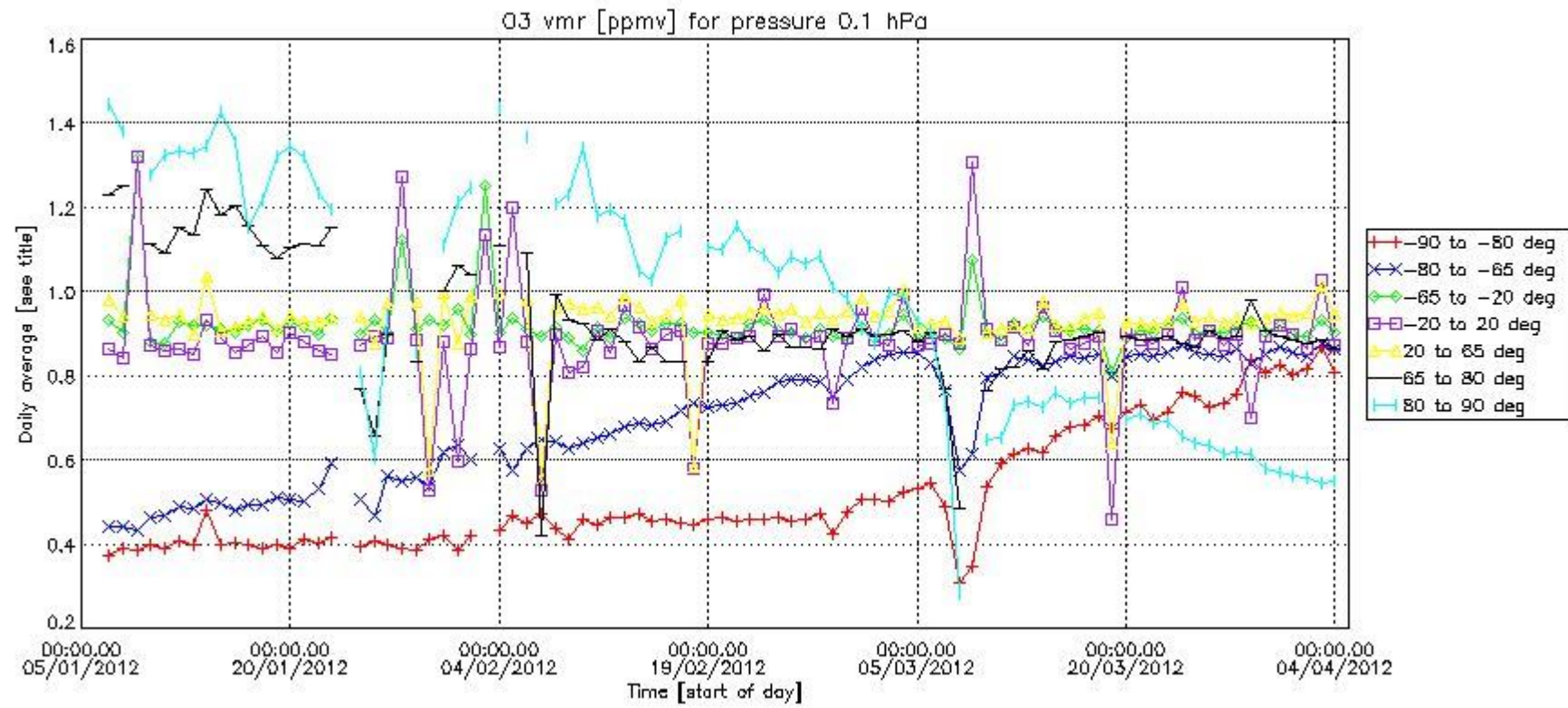


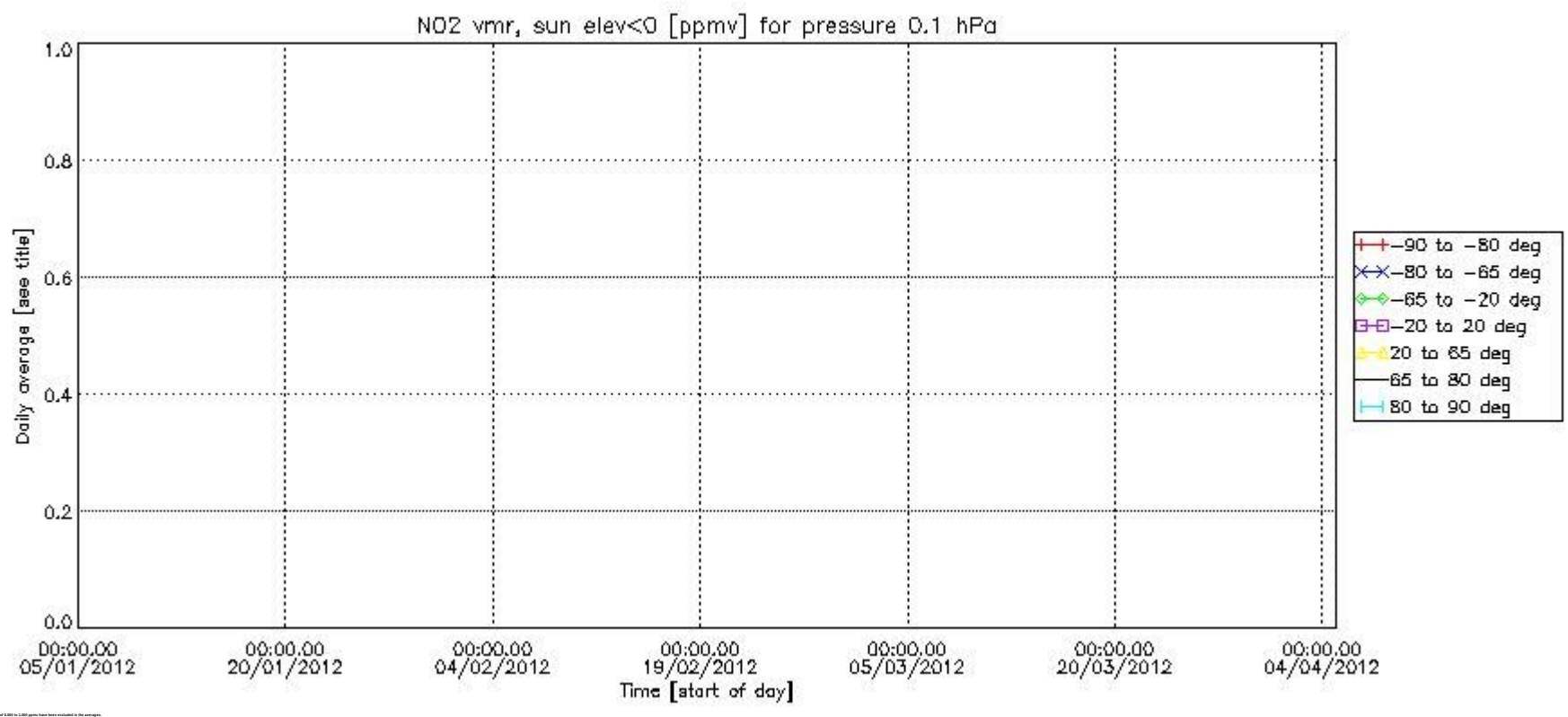
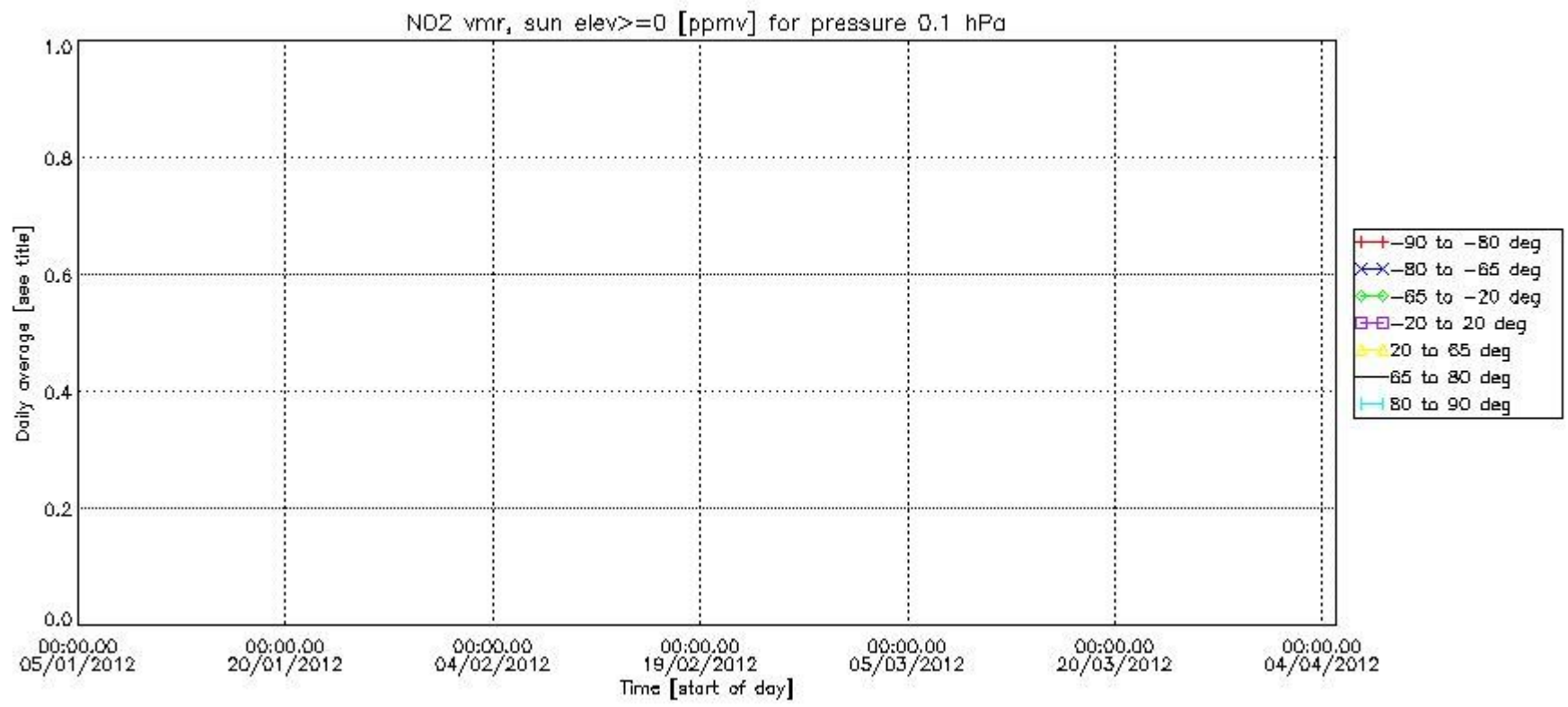


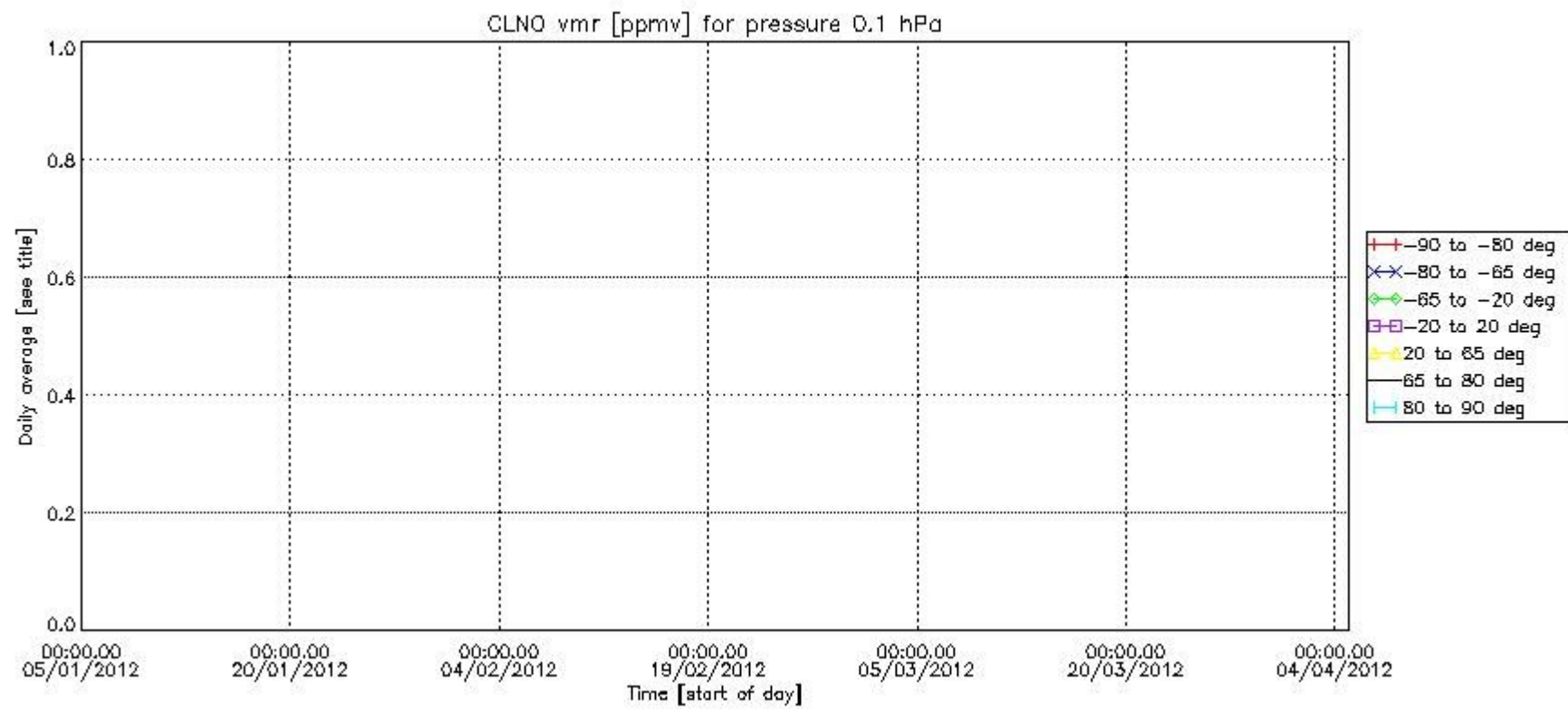
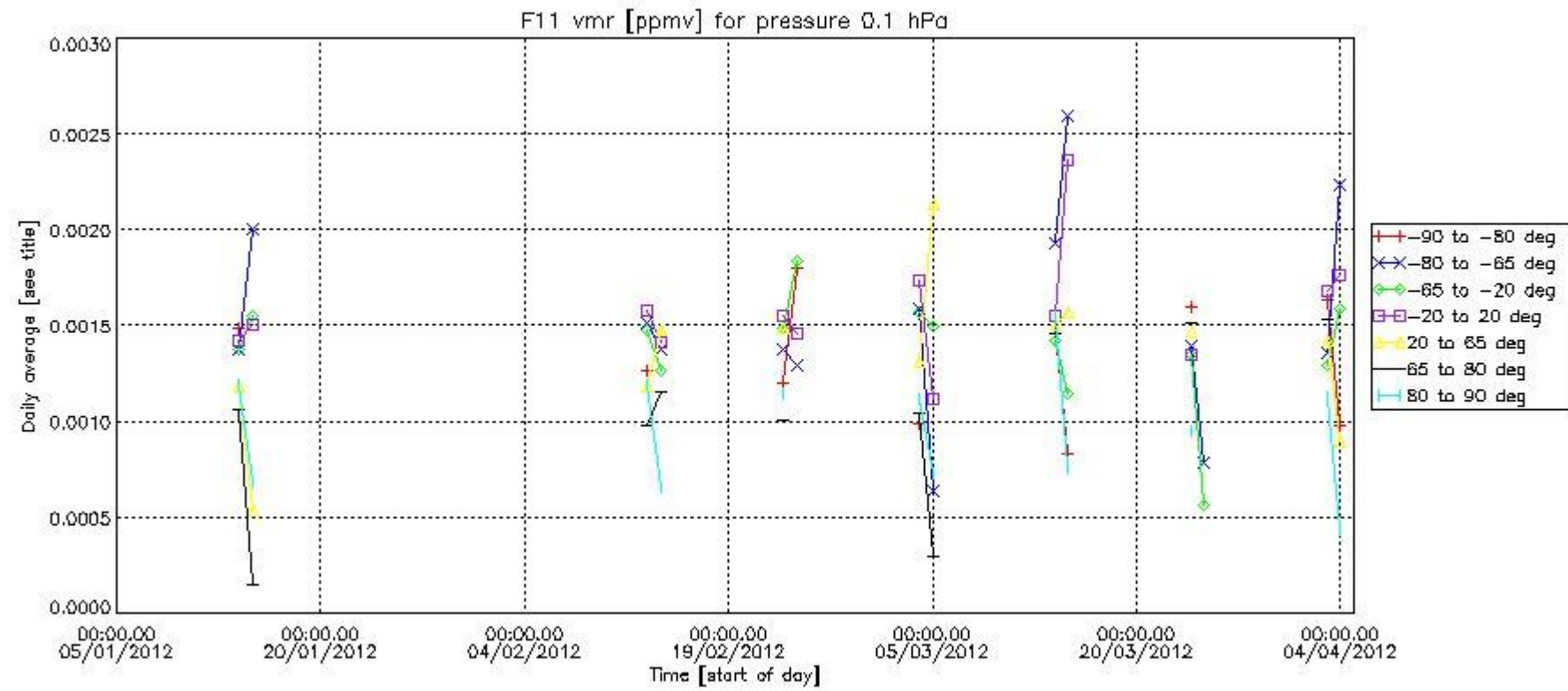


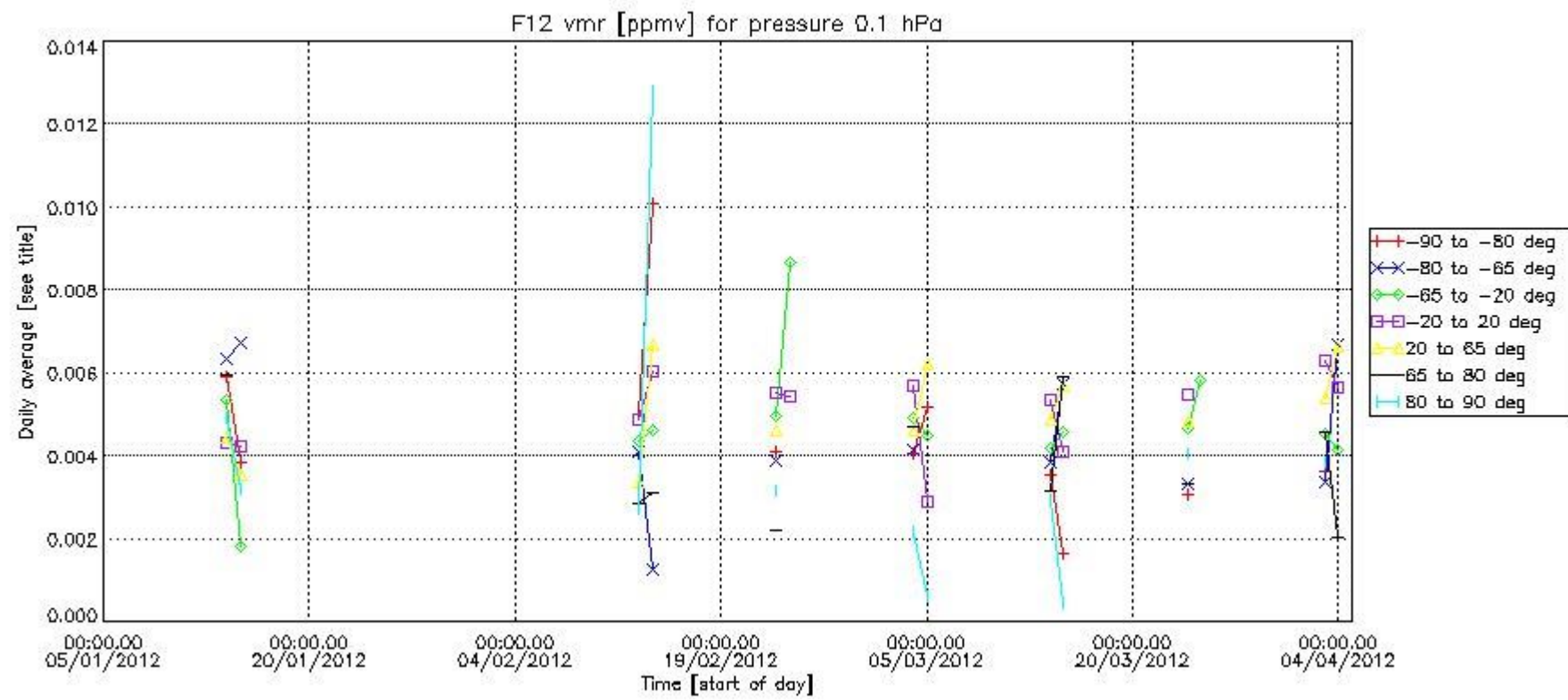
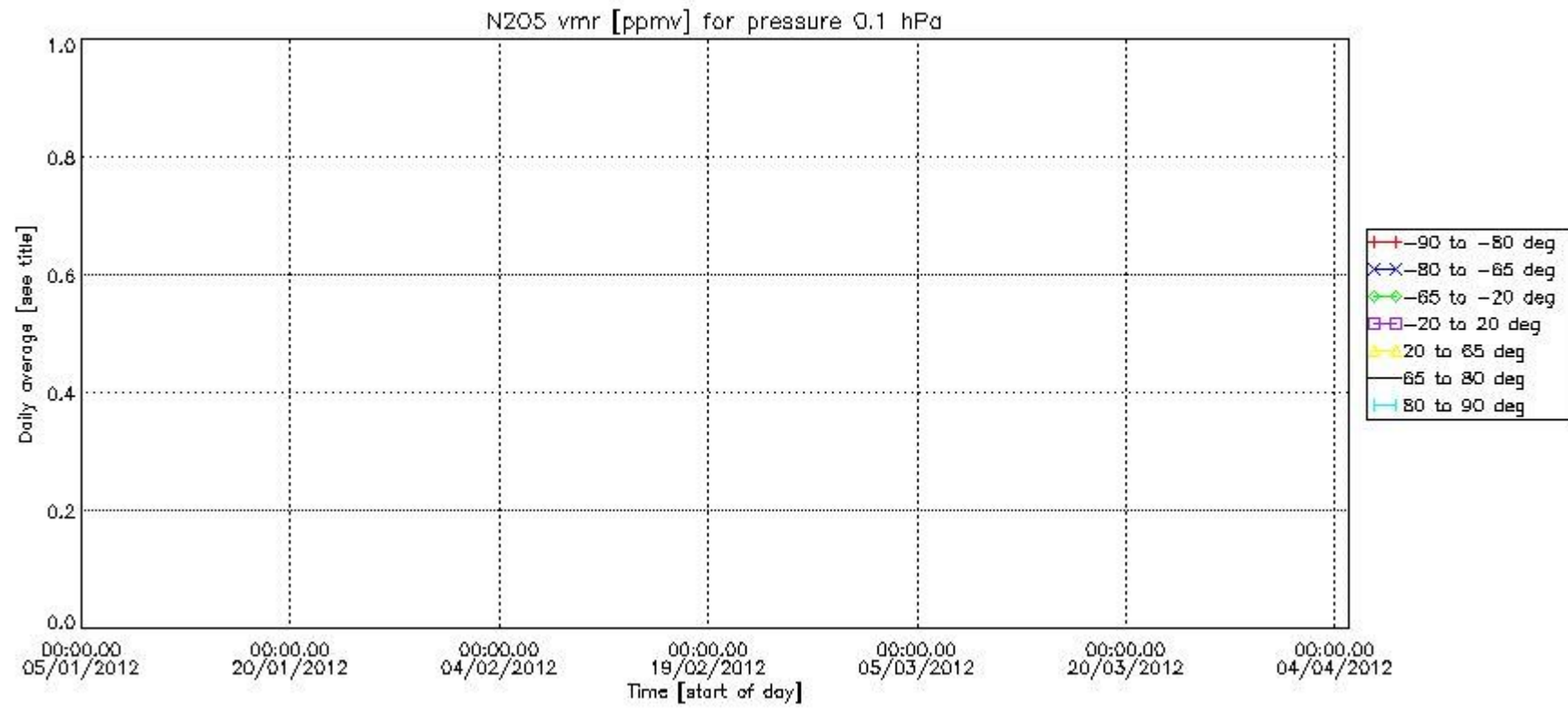


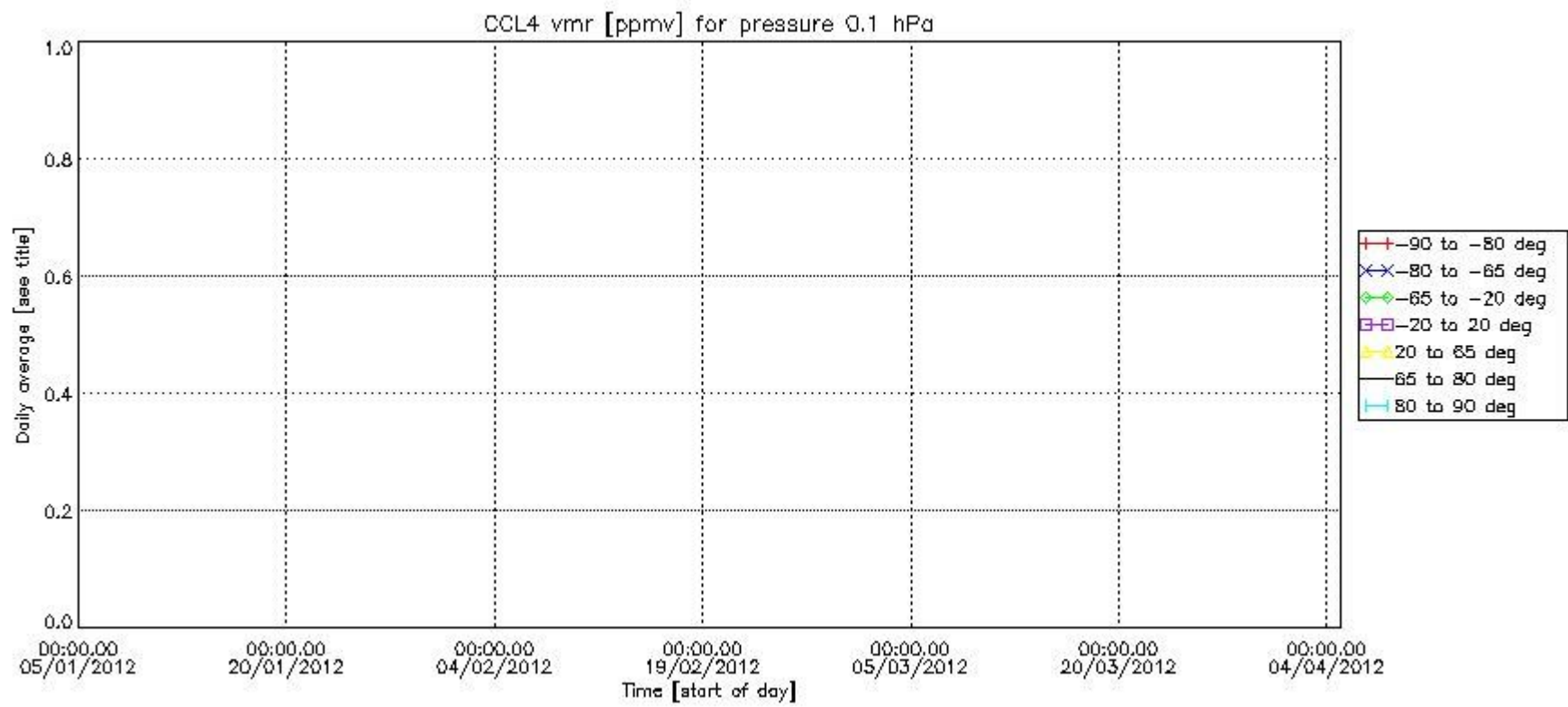
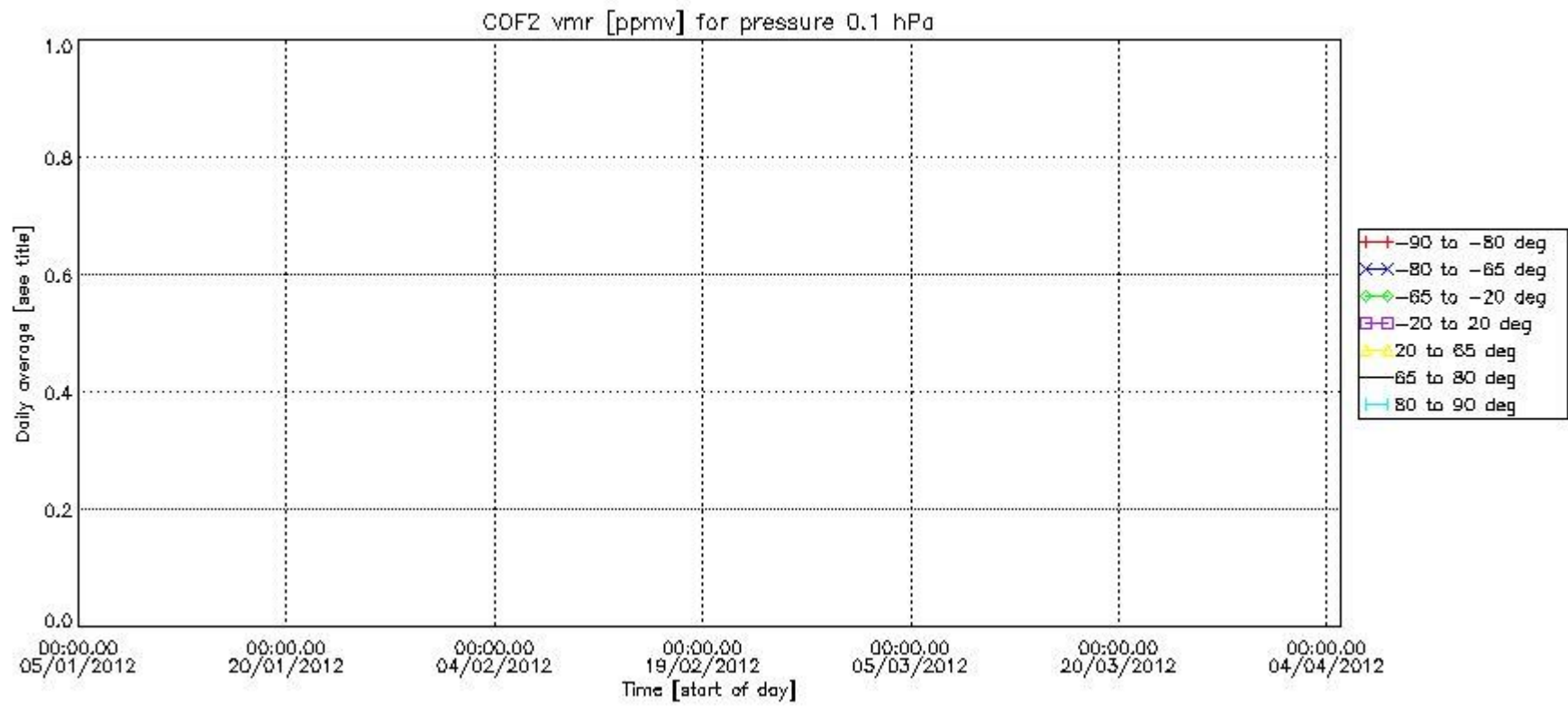


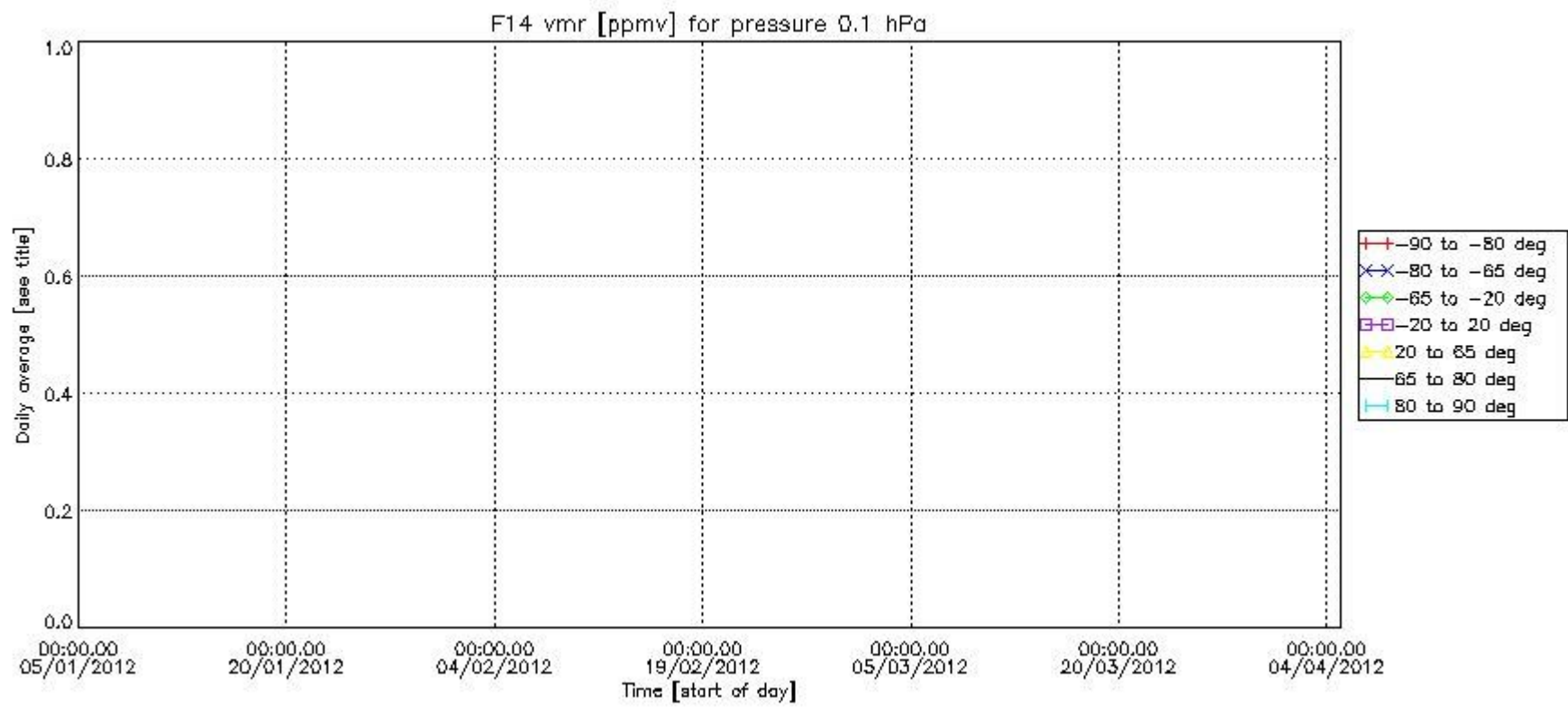
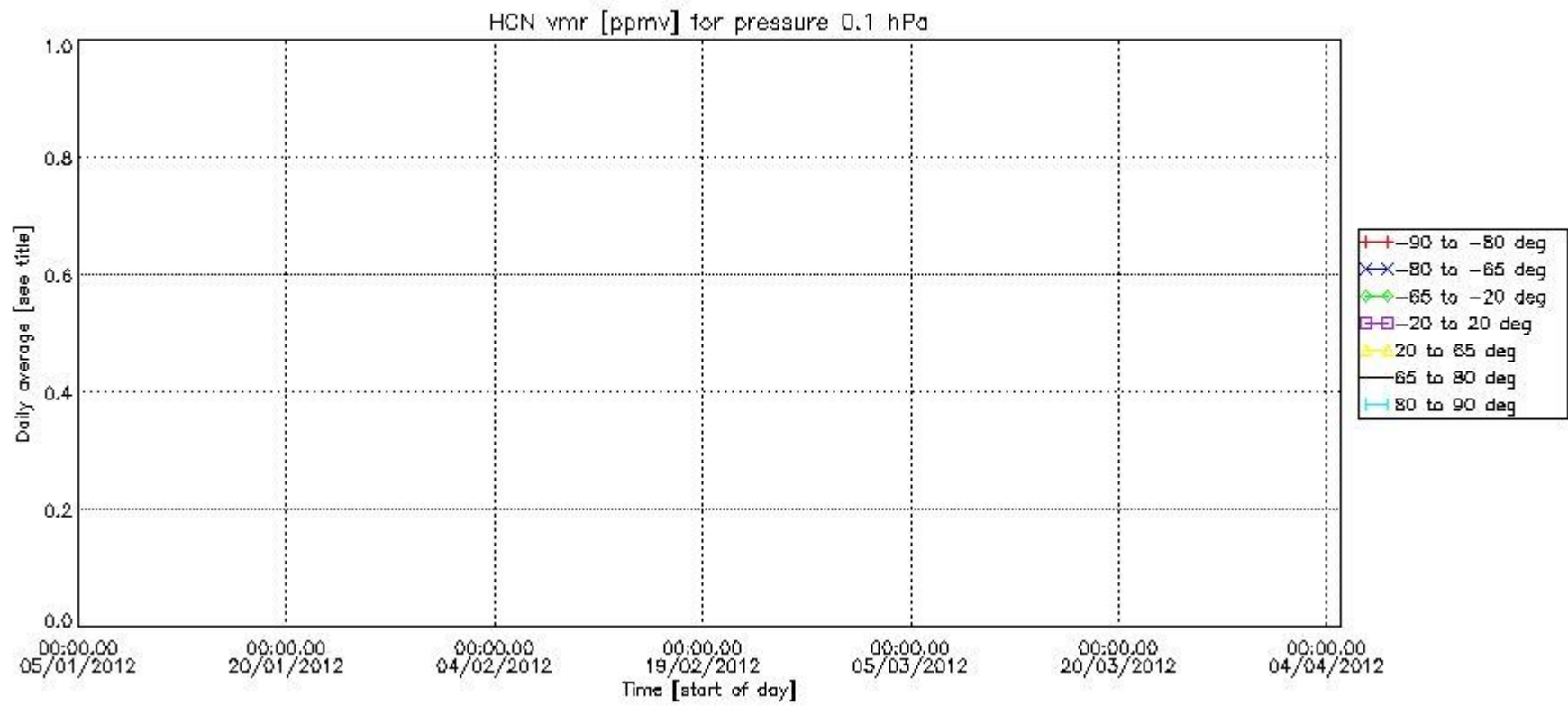


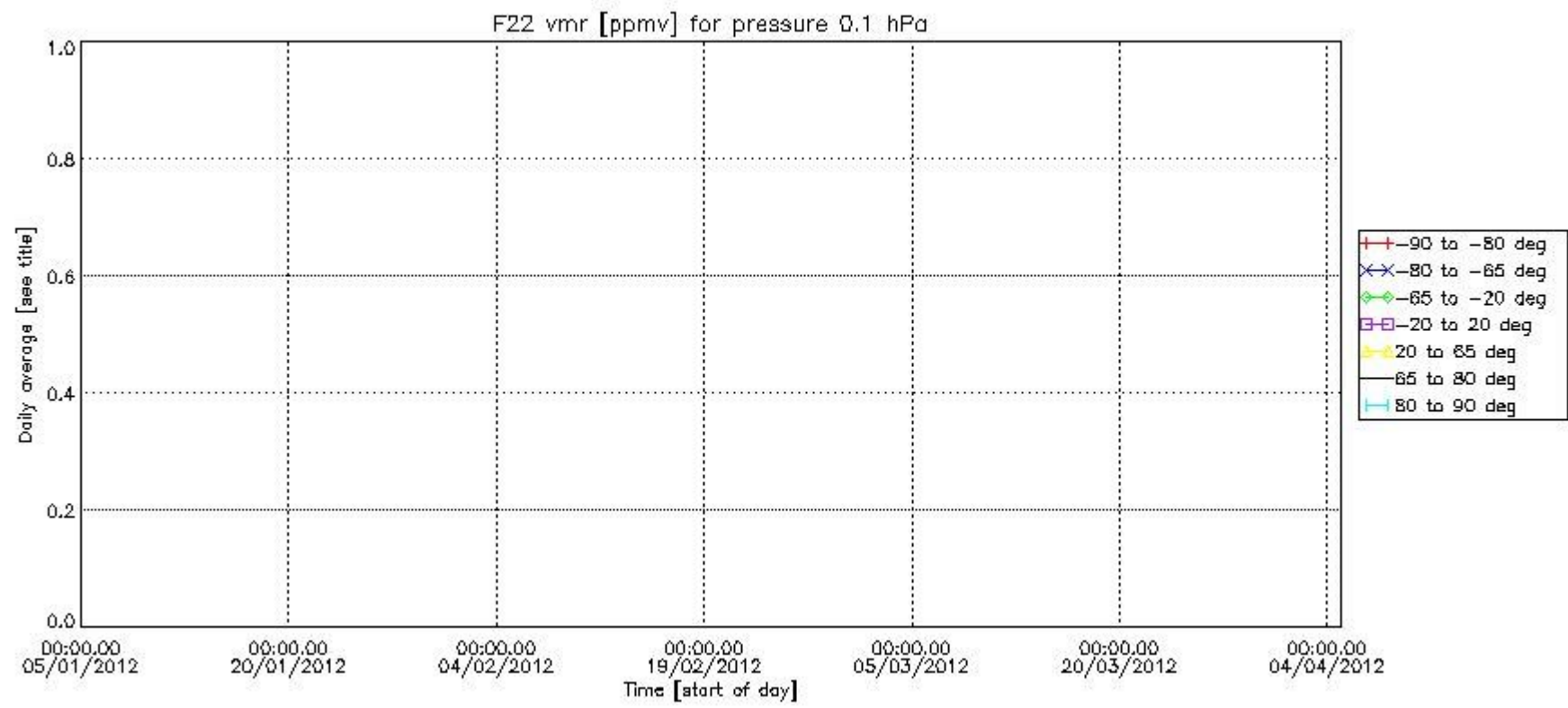












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

