

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20020709.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	14APR2016 08:38:15
Data source version	ML2PP/7.03-W
Processing scope for products	09JUL2002 00:00:00 to 10JUL2002 00:00:00
Start time of first product within scope	08JUL2002 22:40:40
Stop time of last product within scope	10JUL2002 01:29:54
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.

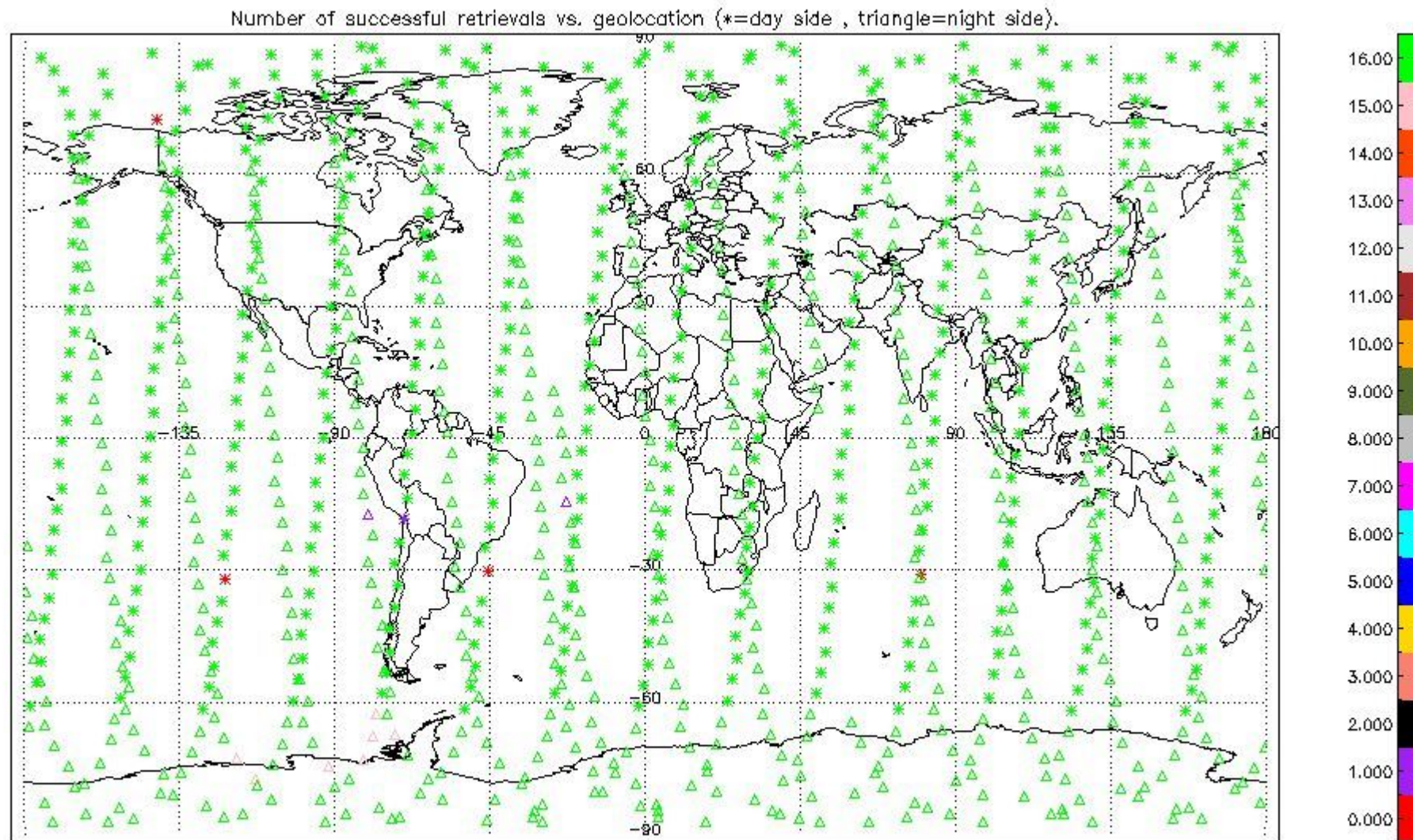
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20020708_224040_000060462007_00302_01859_1000.N1	08JUL2002 22:40:40	09JUL2002 00:21:26	0	73/73	
1	MIP_NL__2PWDSI20020709_002146_000059652007_00303_01860_1000.N1	09JUL2002 00:21:46	09JUL2002 02:01:11	0	72/72	VMR_TERM_MACRO_MICRO[COF2/micro:1]
2	MIP_NL__2PWDSI20020709_020121_000060462007_00304_01861_1000.N1	09JUL2002 02:01:21	09JUL2002 03:42:07	0	73/73	
3	MIP_NL__2PWDSI20020709_034227_000059822007_00305_01862_1000.N1	09JUL2002 03:42:27	09JUL2002 05:22:10	0	73/72	
4	MIP_NL__2PWDSI20020709_052219_000060562007_00306_01863_1000.N1	09JUL2002 05:22:19	09JUL2002 07:03:16	0	73/73	
5	MIP_NL__2PWDSI20020709_070325_000060462007_00307_01864_1000.N1	09JUL2002 07:03:25	09JUL2002 08:44:11	0	67/67	
6	MIP_NL__2PWDSI20020709_084432_000059652007_00308_01865_1000.N1	09JUL2002 08:44:32	09JUL2002 10:23:57	0	72/72	
7	MIP_NL__2PWDSI20020709_102406_000060462007_00309_01866_1000.N1	09JUL2002 10:24:06	09JUL2002 12:04:52	0	73/73	
8	MIP_NL__2PWDSI20020709_120513_000059972007_00310_01867_1000.N1	09JUL2002 12:05:13	09JUL2002 13:45:09	0	73/72	
9	MIP_NL__2PWDSI20020709_134519_000060562007_00311_01868_1000.N1	09JUL2002 13:45:19	09JUL2002 15:26:15	0	73/73	P_T_TERM_MACRO_MICRO[macro:1], VMR_TERM_MACRO_MICRO[NO2/micro:1]
10	MIP_NL__2PWDSI20020709_152625_000060462007_00312_01869_1000.N1	09JUL2002 15:26:25	09JUL2002 17:07:11	0	73/73	VMR_TERM_MACRO_MICRO[COF2/micro:1; CCL4/micro:1]
11	MIP_NL__2PWDSI20020709_170731_000053892007_00313_01870_1000.N1	09JUL2002 17:07:31	09JUL2002 18:37:20	0	66/65	
12	MIP_NL__2PWDSI20020709_185548_000055502007_00314_01871_1000.N1	09JUL2002 18:55:48	09JUL2002 20:28:17	0	67/67	VMR_TERM_MACRO_MICRO[CCL4/micro:1]
13	MIP_NL__2PWDSI20020709_202827_000060462007_00315_01872_1000.N1	09JUL2002 20:28:27	09JUL2002 22:09:13	0	73/73	
14	MIP_NL__2PWDSI20020709_220933_000059652007_00316_01873_1000.N1	09JUL2002 22:09:33	09JUL2002 23:48:58	0	72/72	
15	MIP_NL__2PWDSI20020709_234908_000060462007_00317_01874_1000.N1	09JUL2002 23:49:08	10JUL2002 01:29:54	0	73/73	VMR_TERM_MACRO_MICRO[CH4/micro:1; CCL4/micro:1]

2.2 Processing performance indicators

2.2.1 Successful retrievals

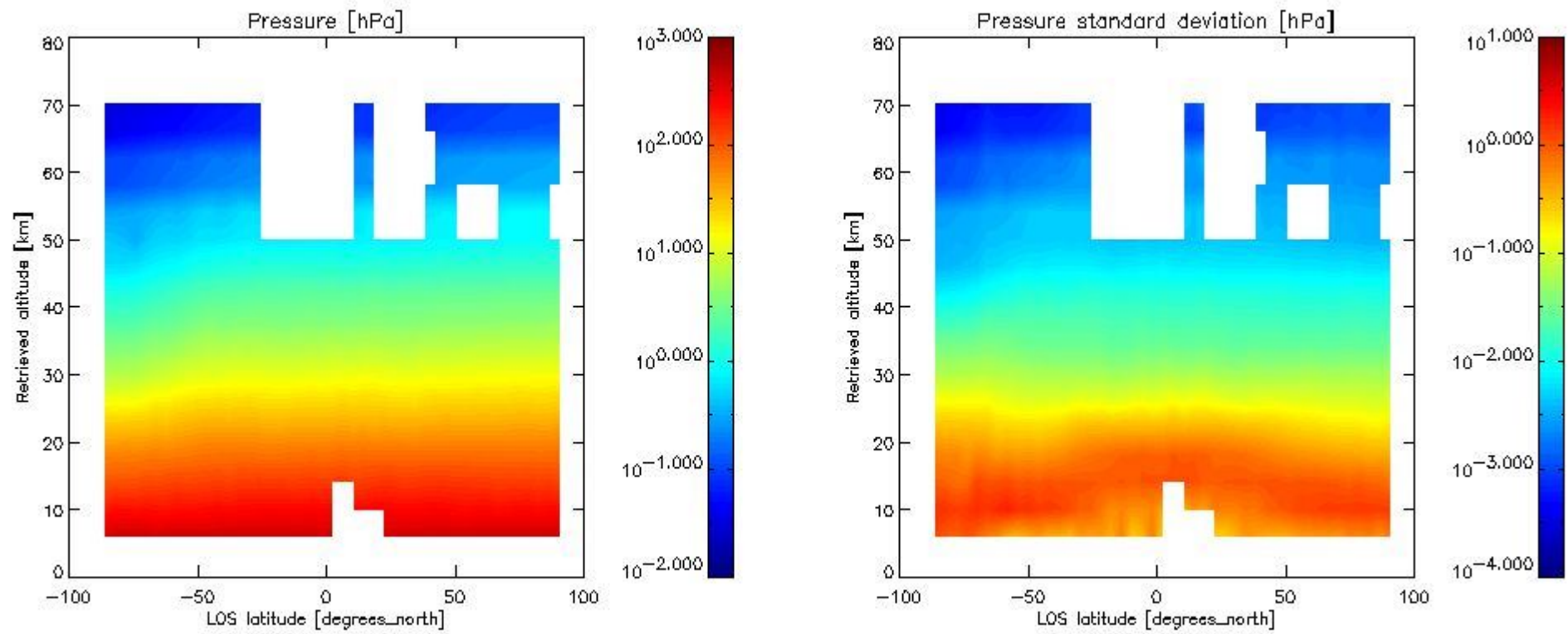
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1143	1017	88.976
H2O	1143	1014	88.714
O3	1143	1014	88.714
HNO3	1143	1014	88.714
CH4	1143	1014	88.714
N2O	1143	1014	88.714
NO2	1143	1014	88.714
F11	1143	1014	88.714
CLNO	1143	1014	88.714
N2O5	1143	1014	88.714
F12	1143	1014	88.714
COF2	1143	1014	88.714
CCL4	1143	1007	88.101
HCN	1143	1014	88.714
F14	1143	1014	88.714
F22	1143	1014	88.714



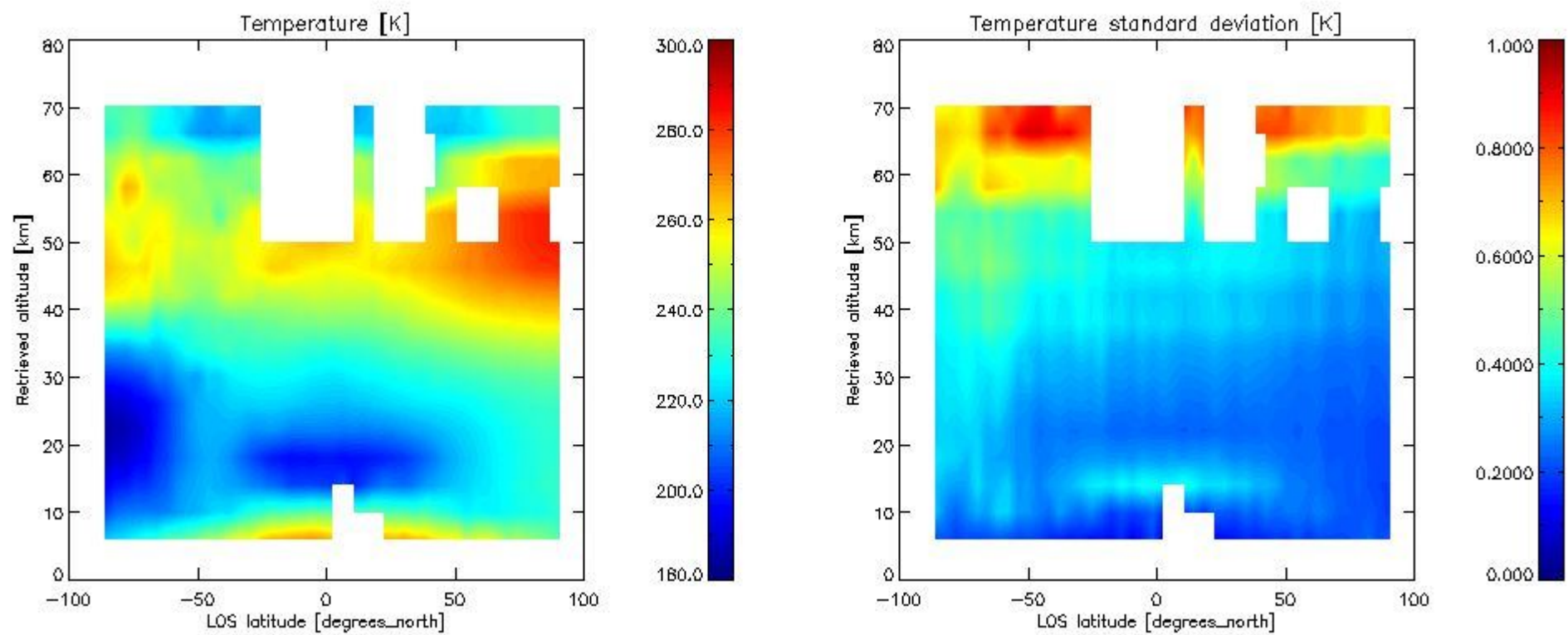
2.2.2 Pressure overview

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



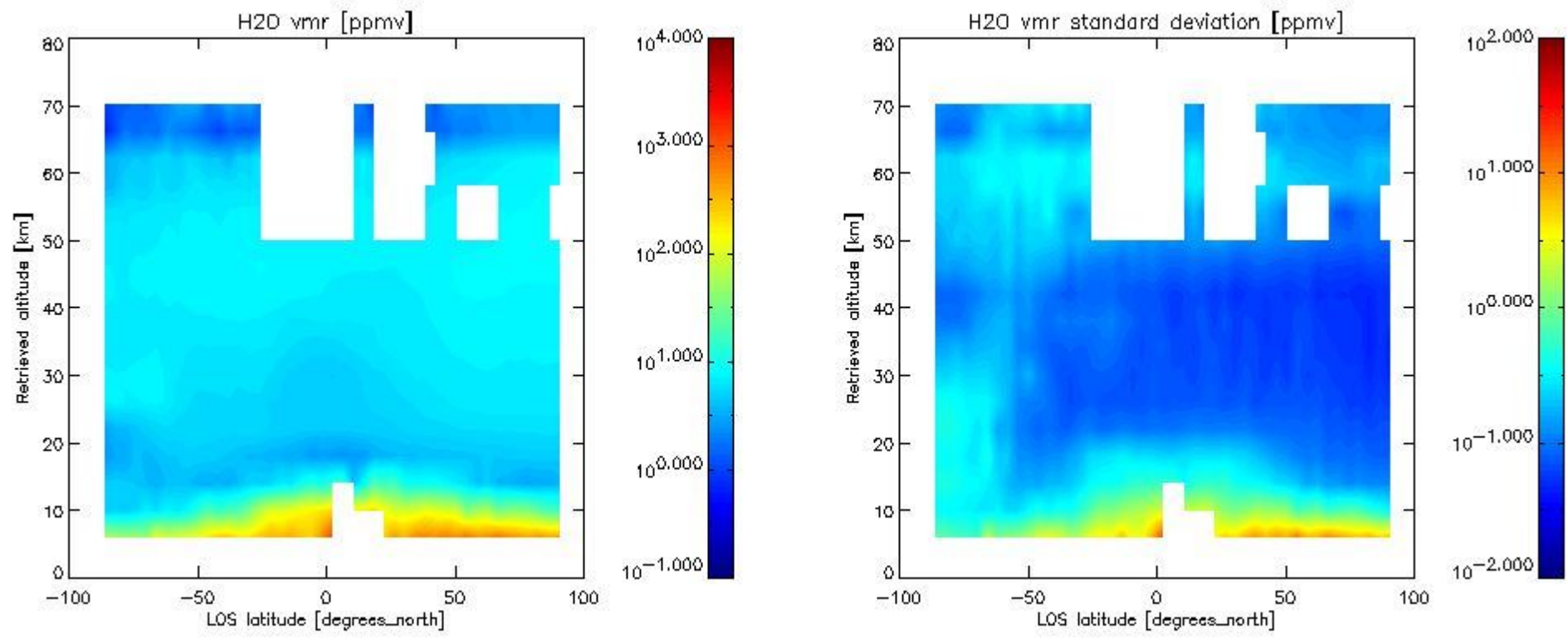
2.2.3 Temperature overview

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

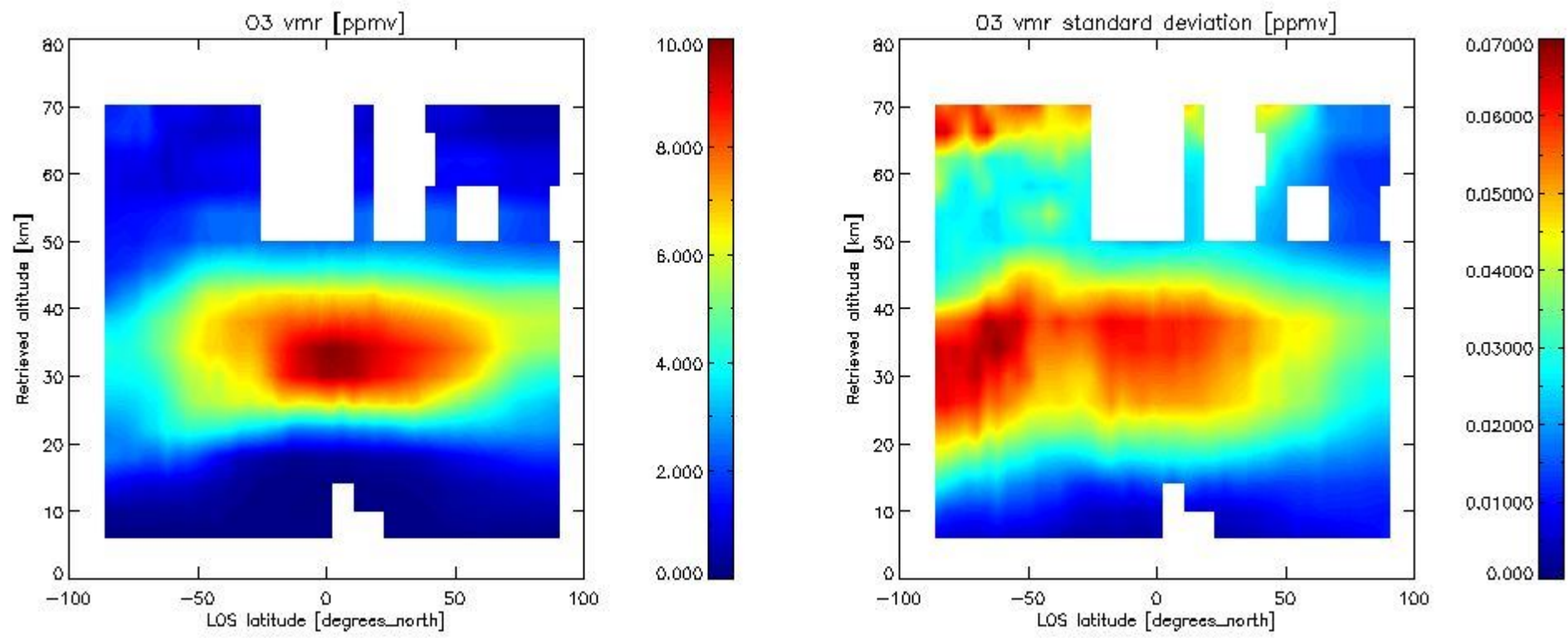


2.2.4 Species overview

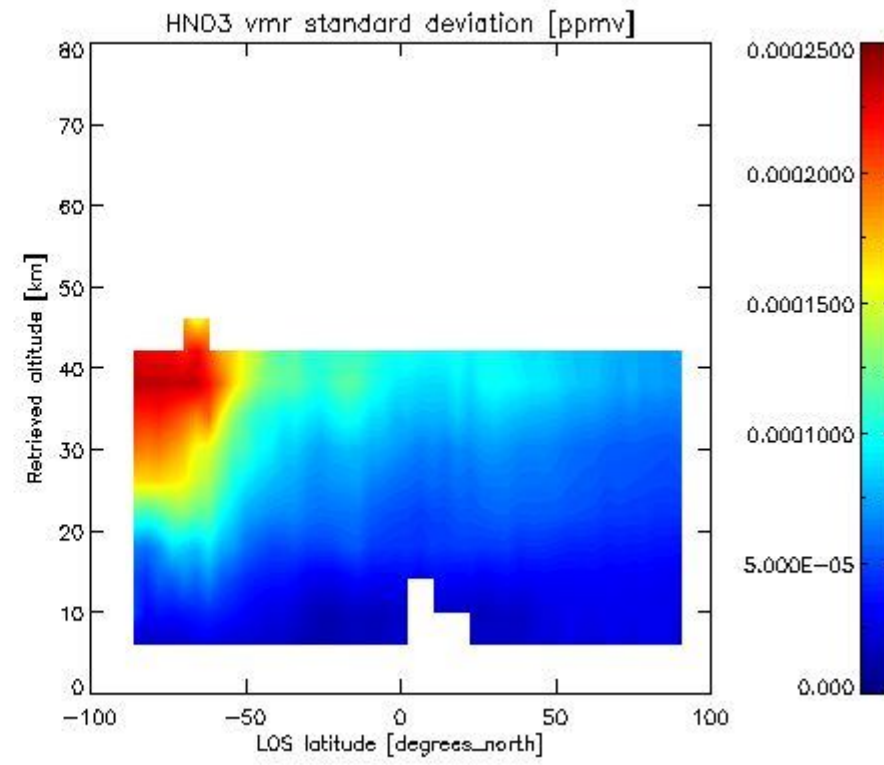
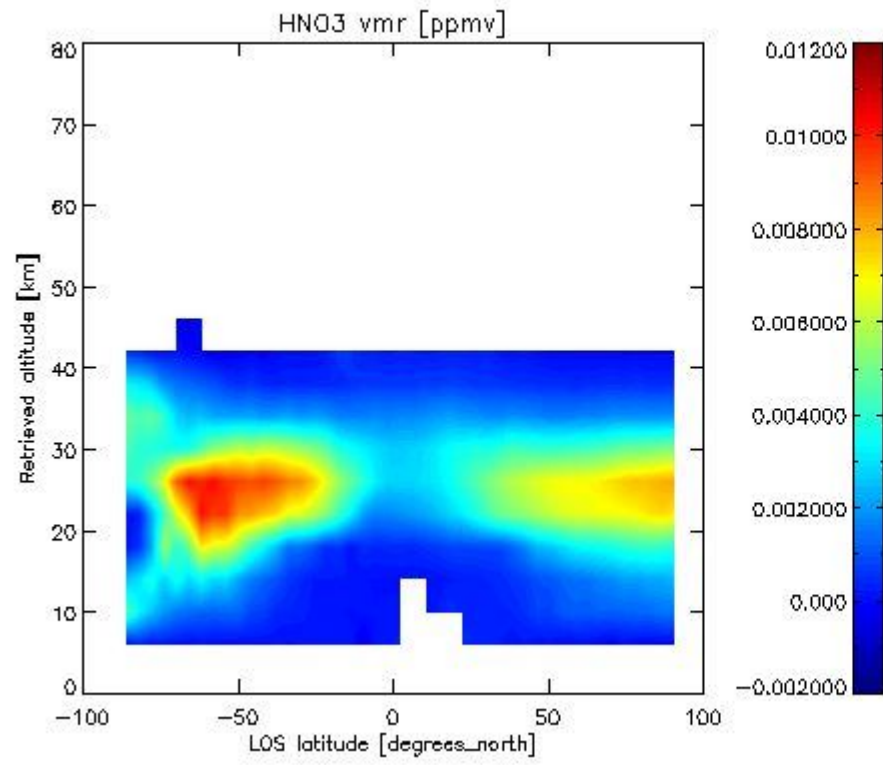
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



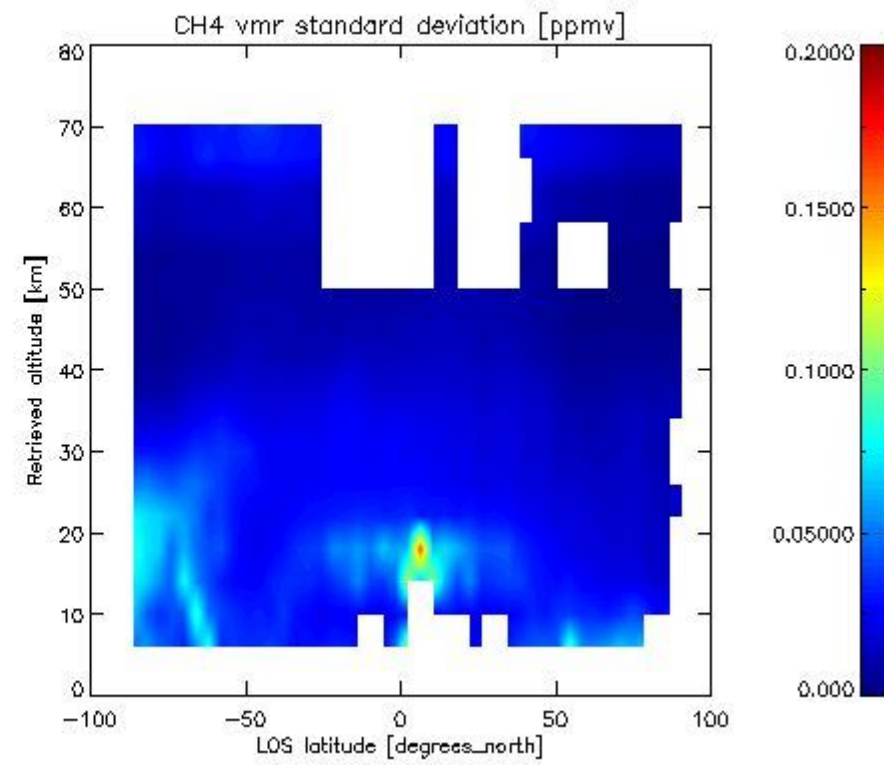
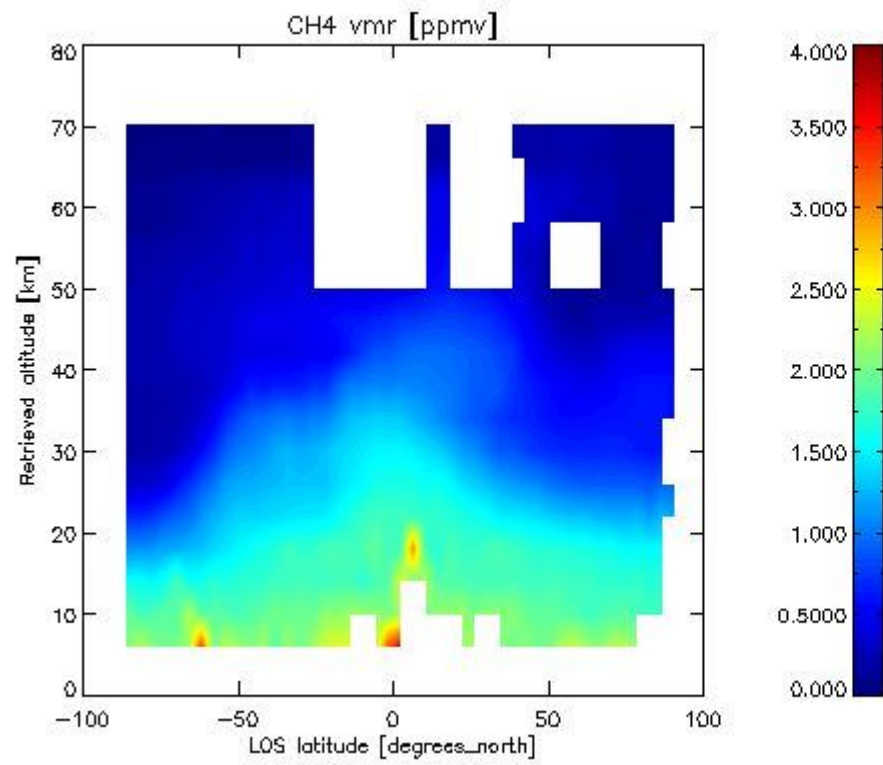
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



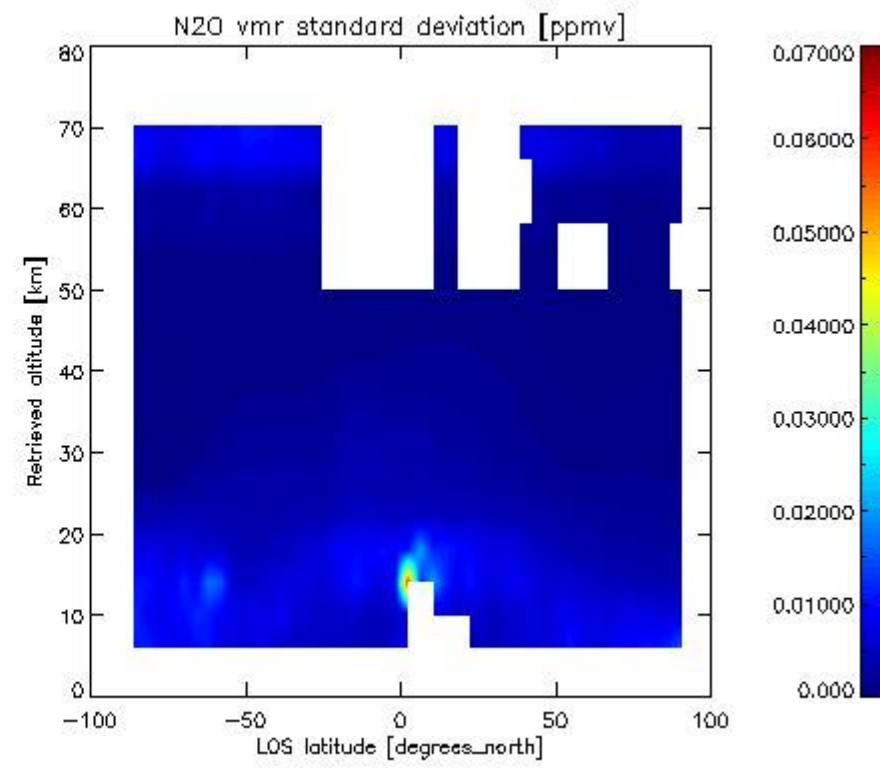
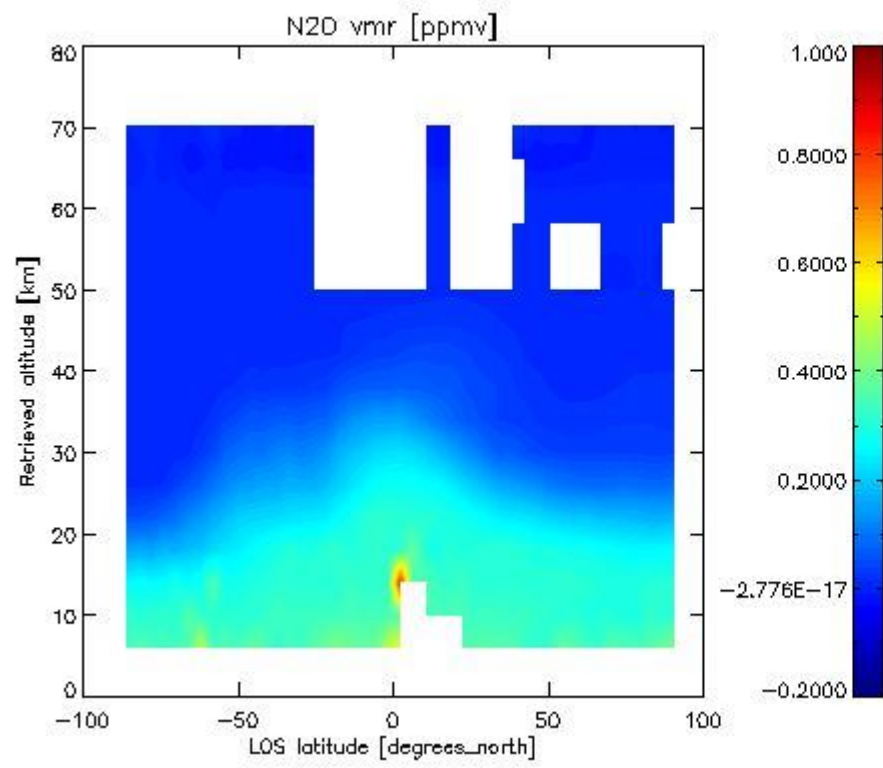
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



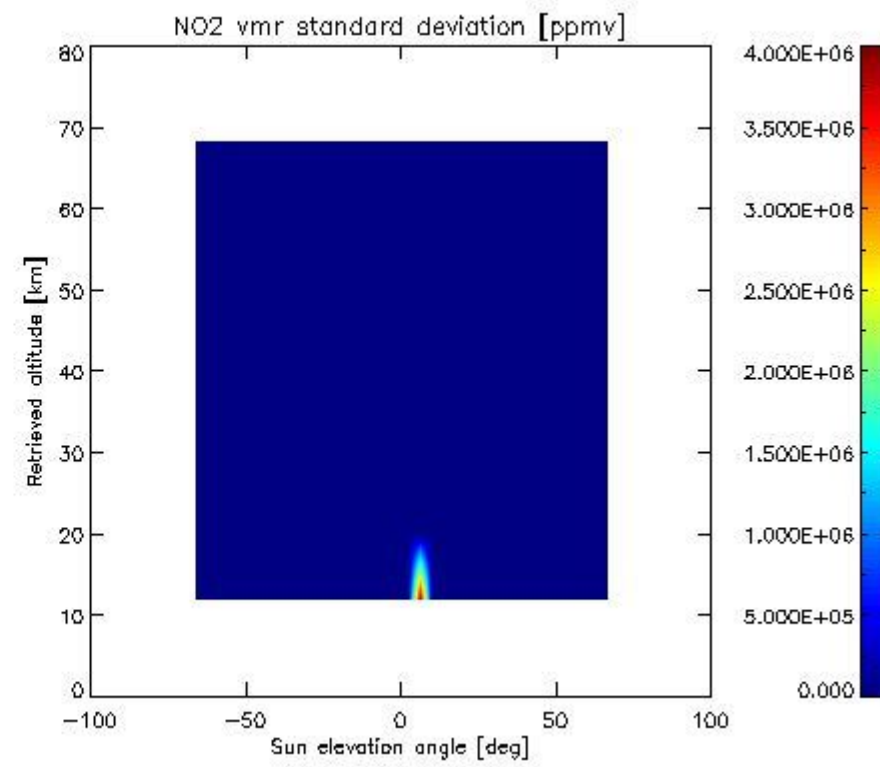
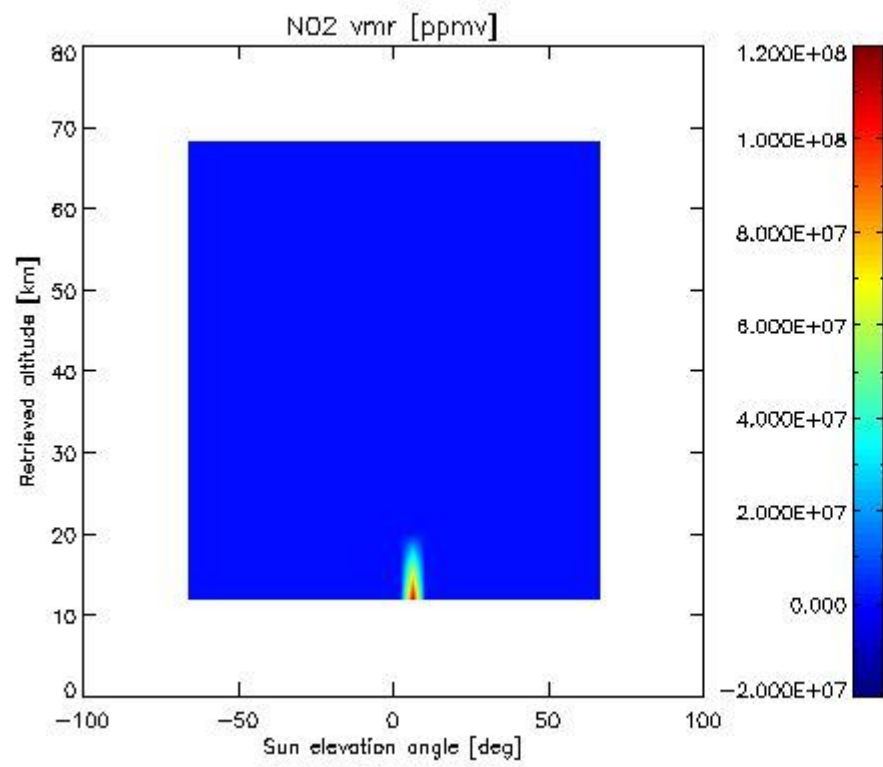
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



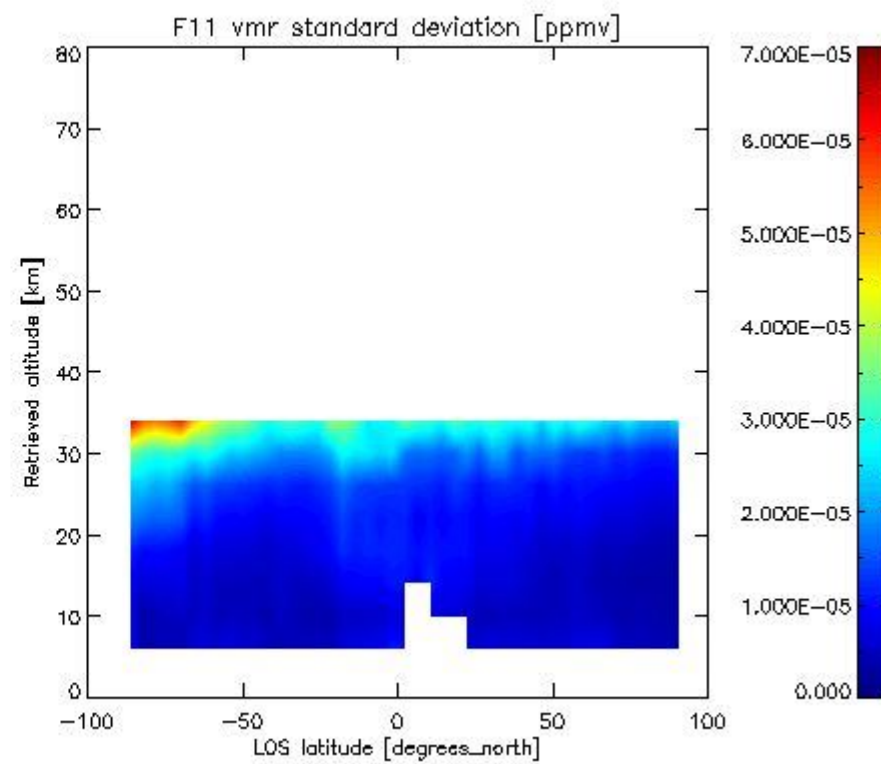
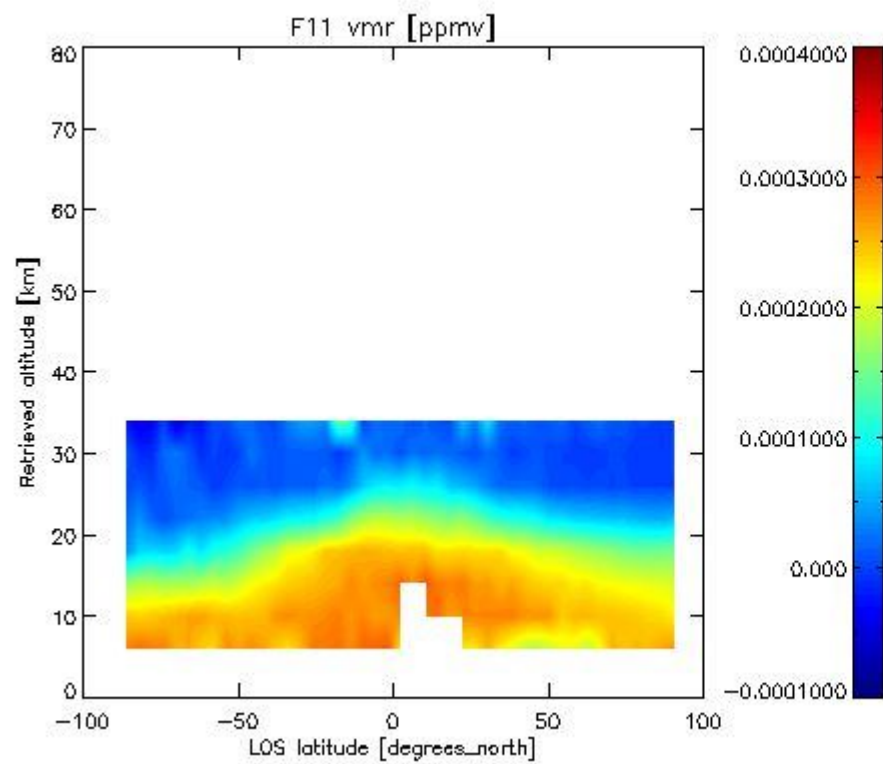
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



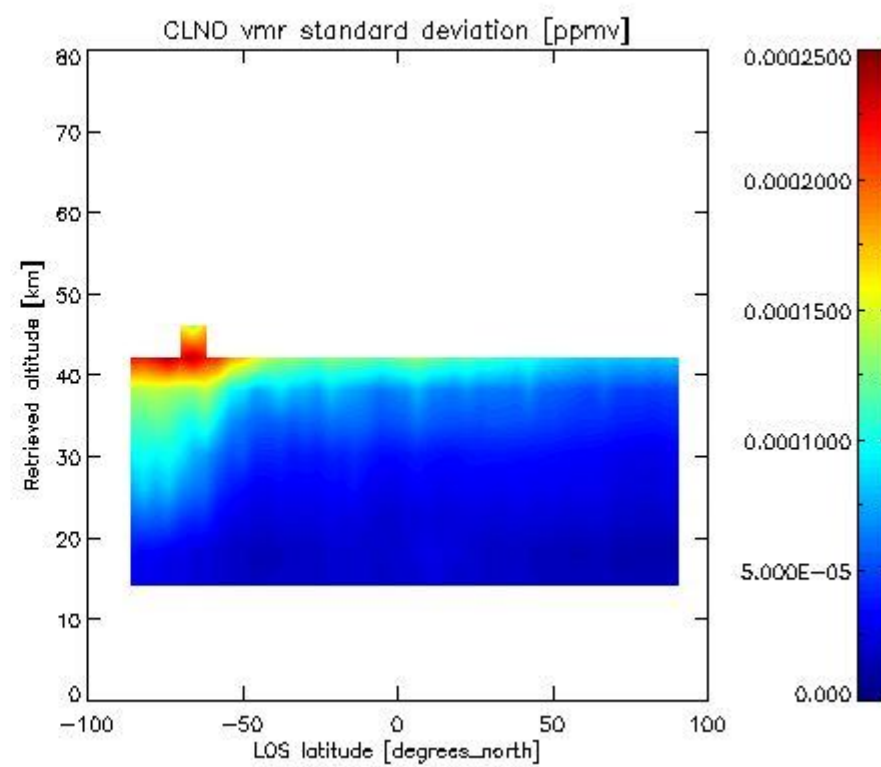
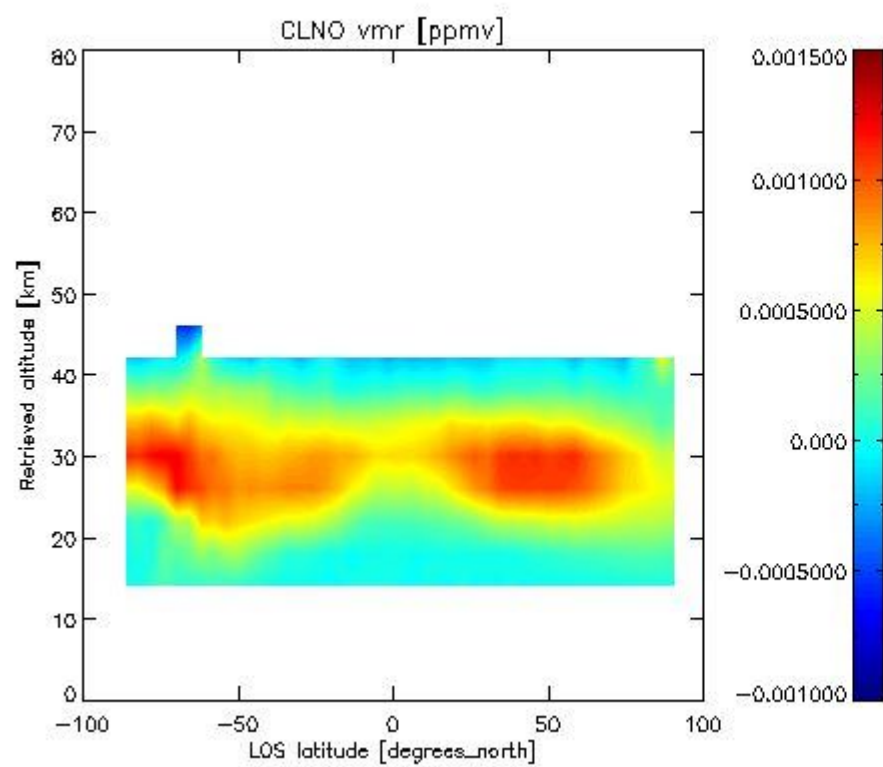
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

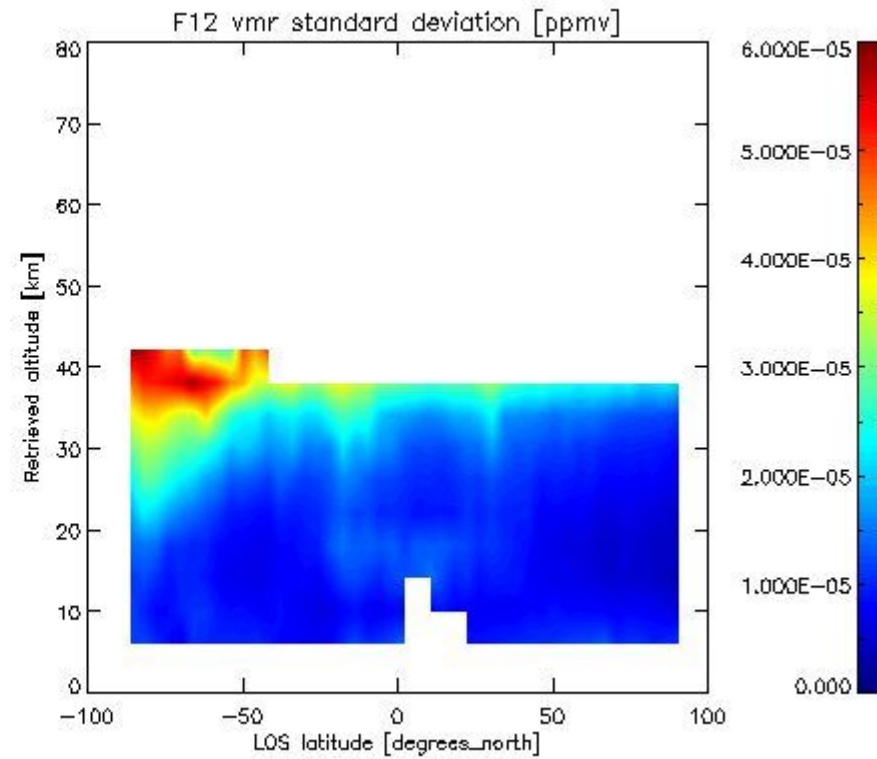
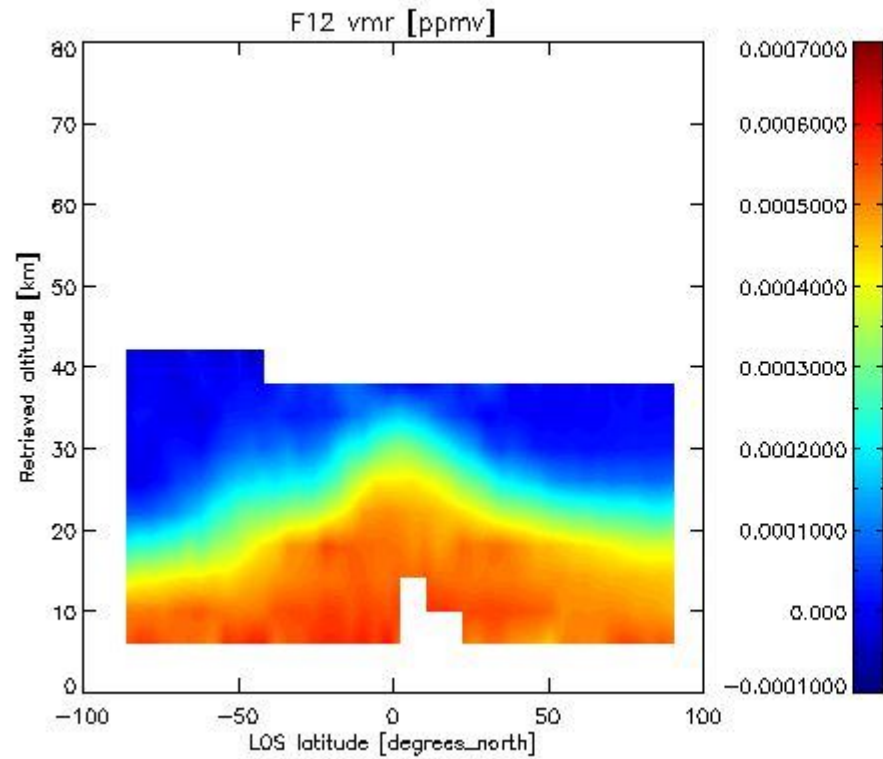
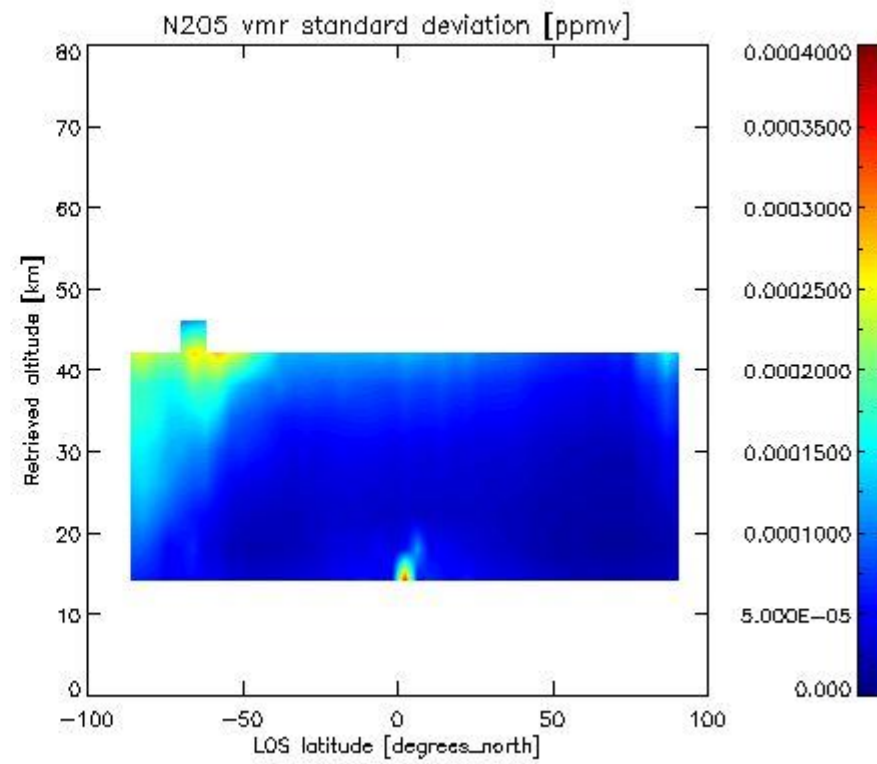
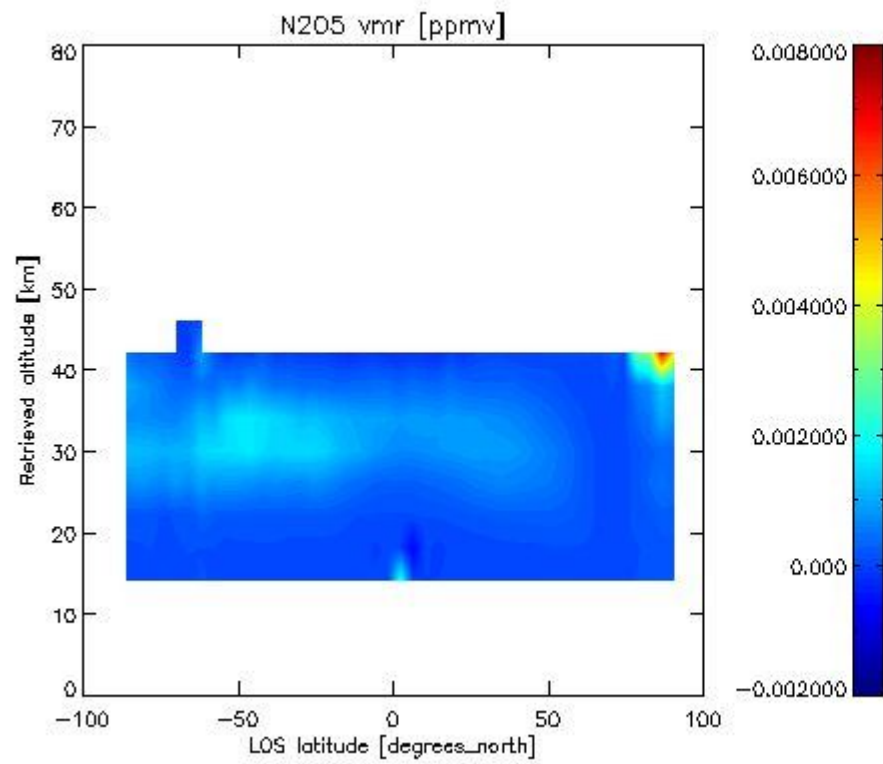


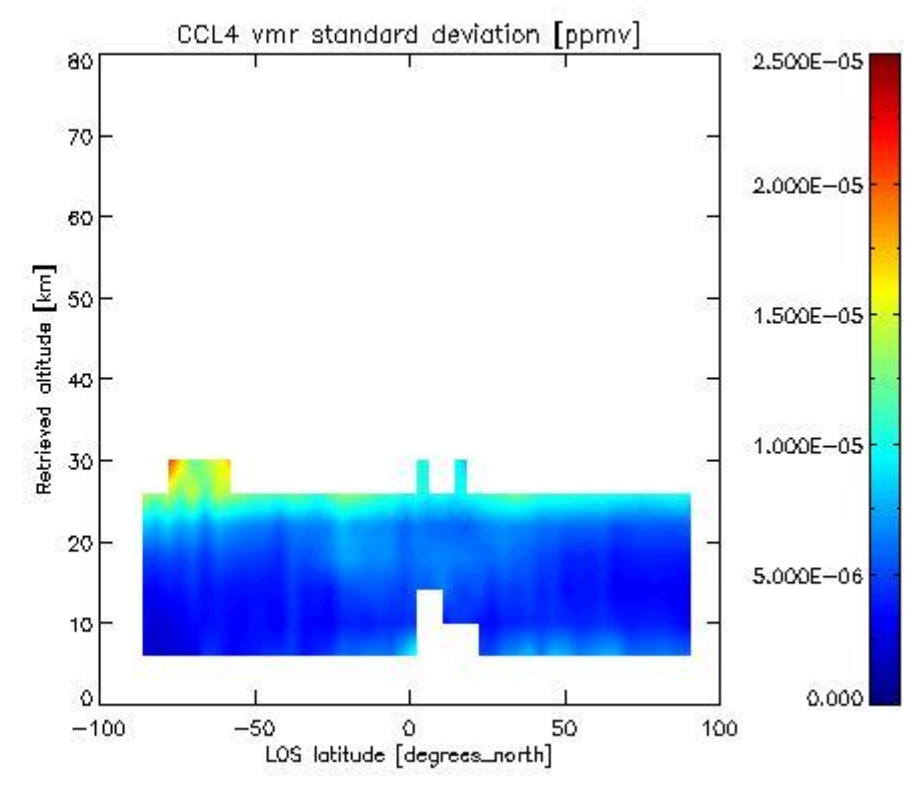
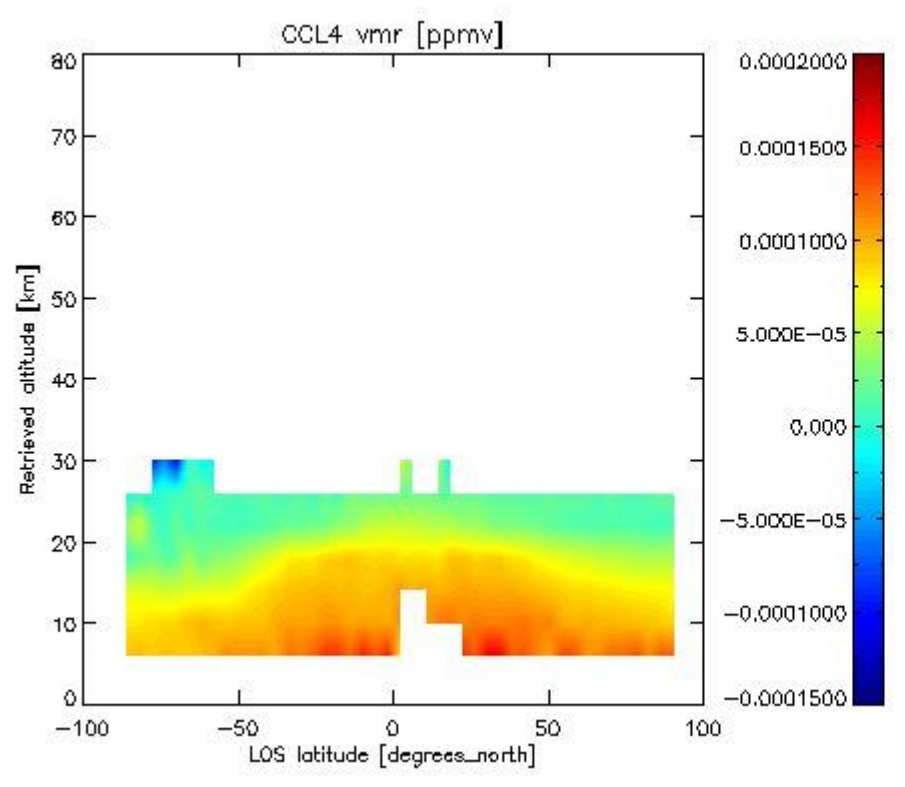
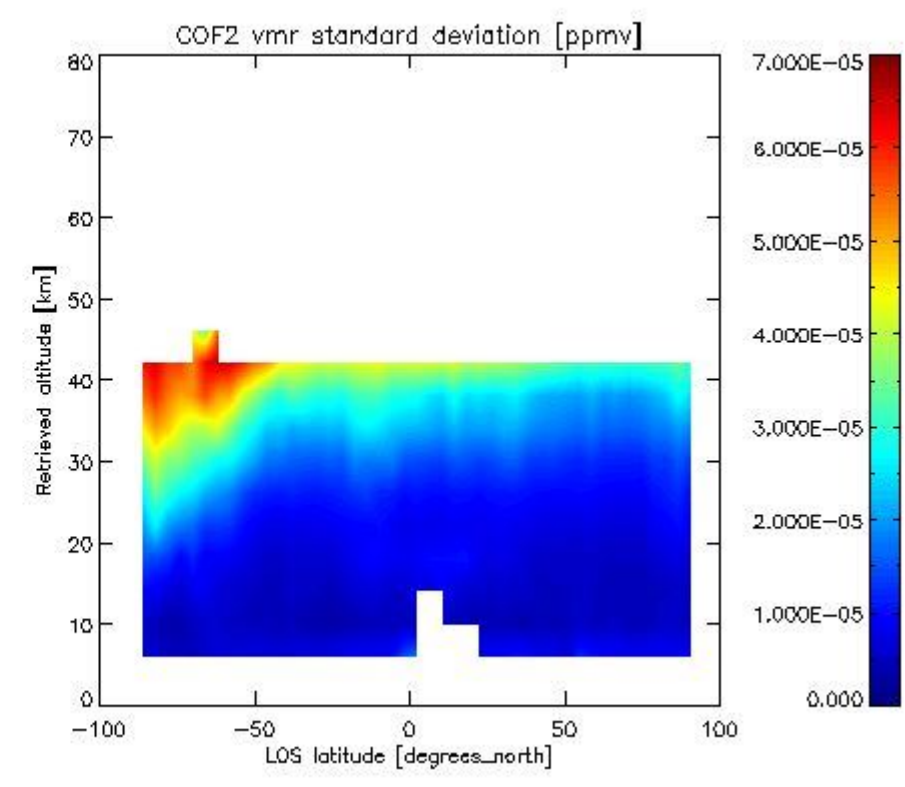
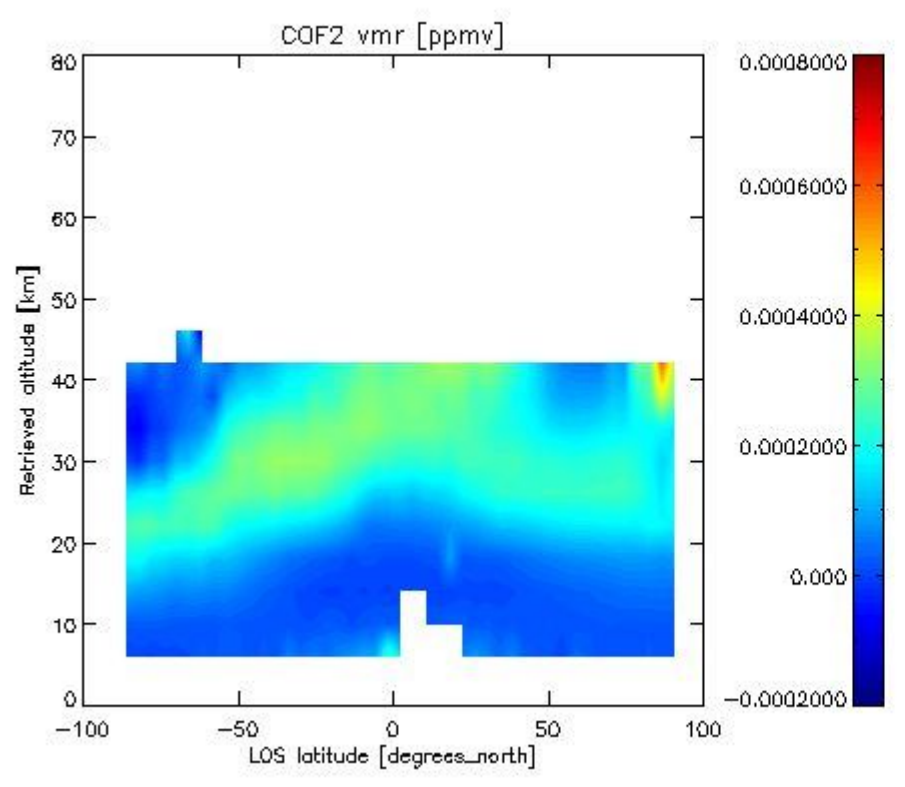
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

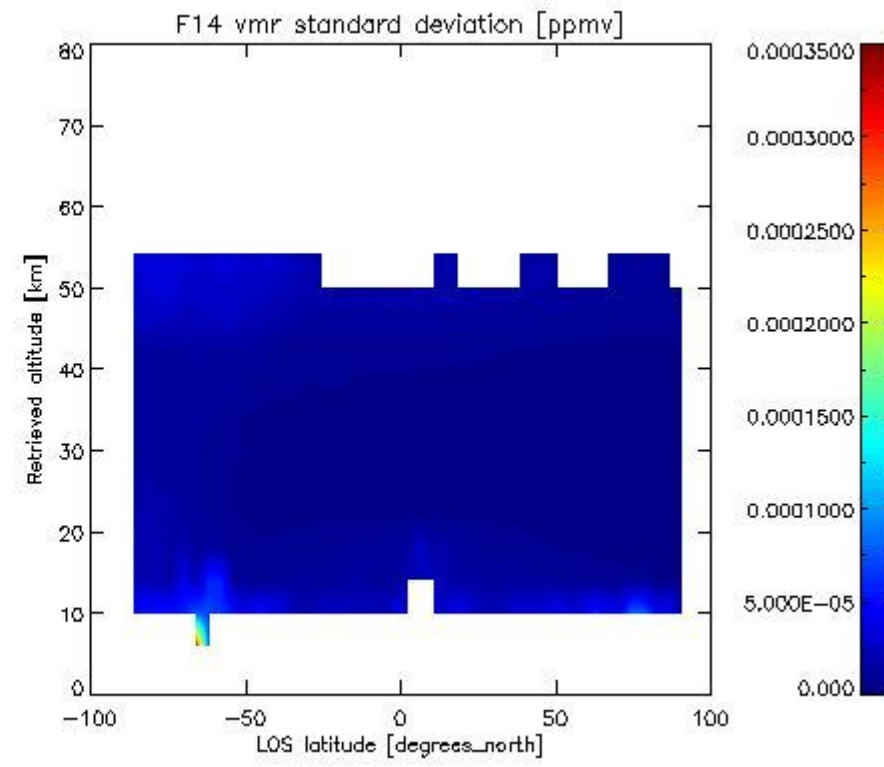
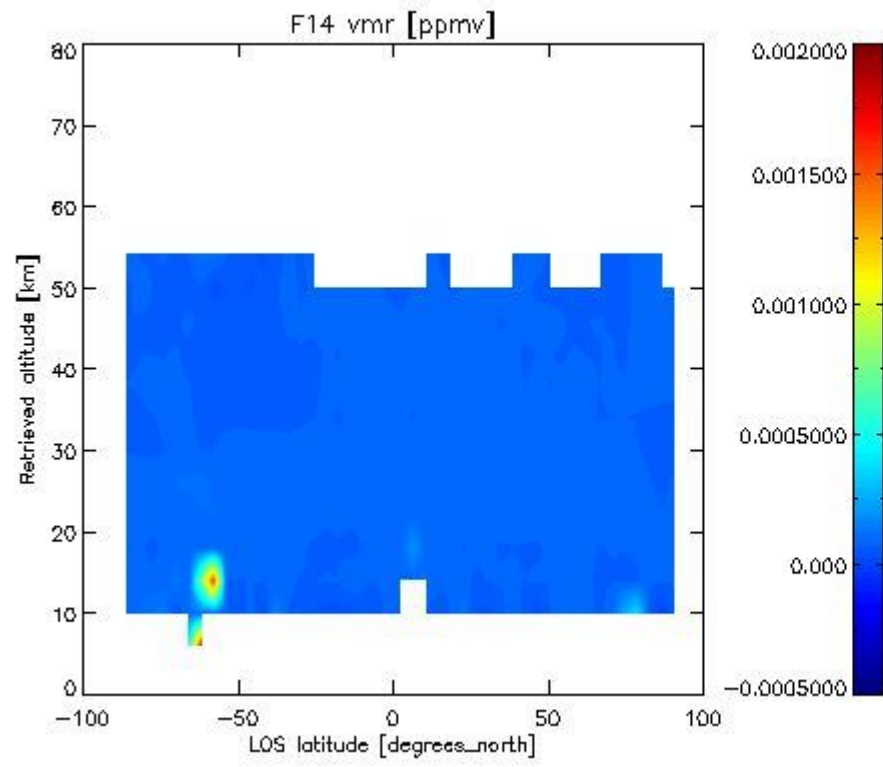
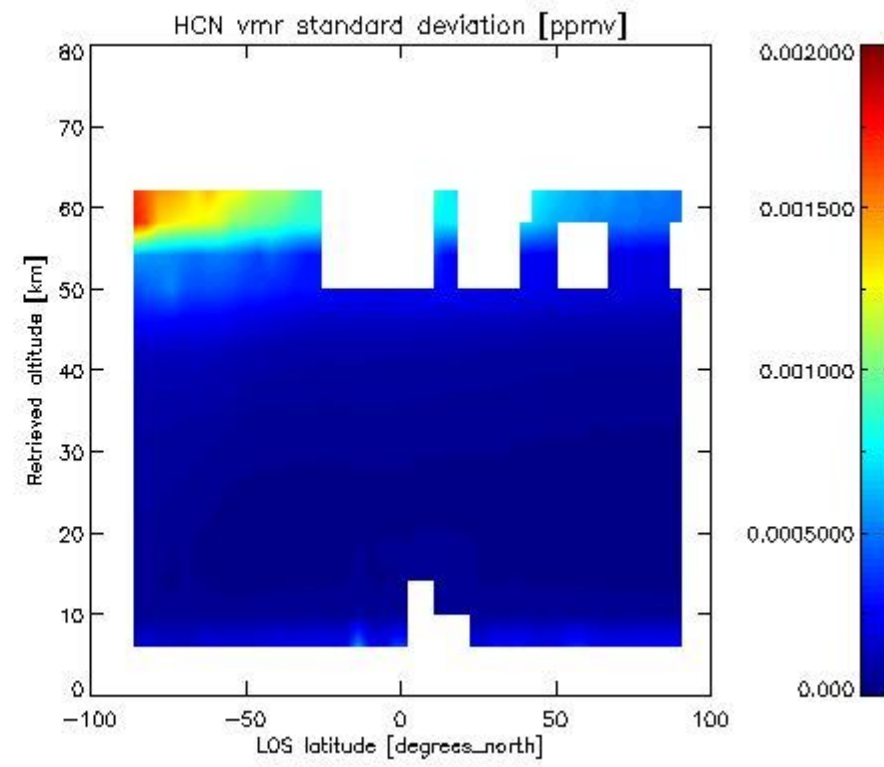
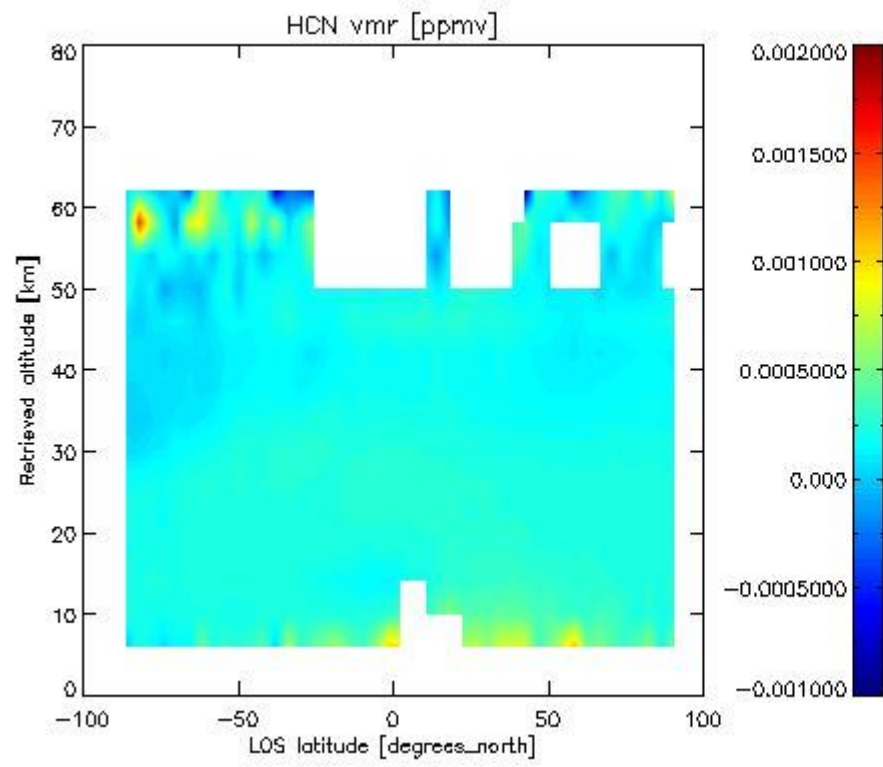


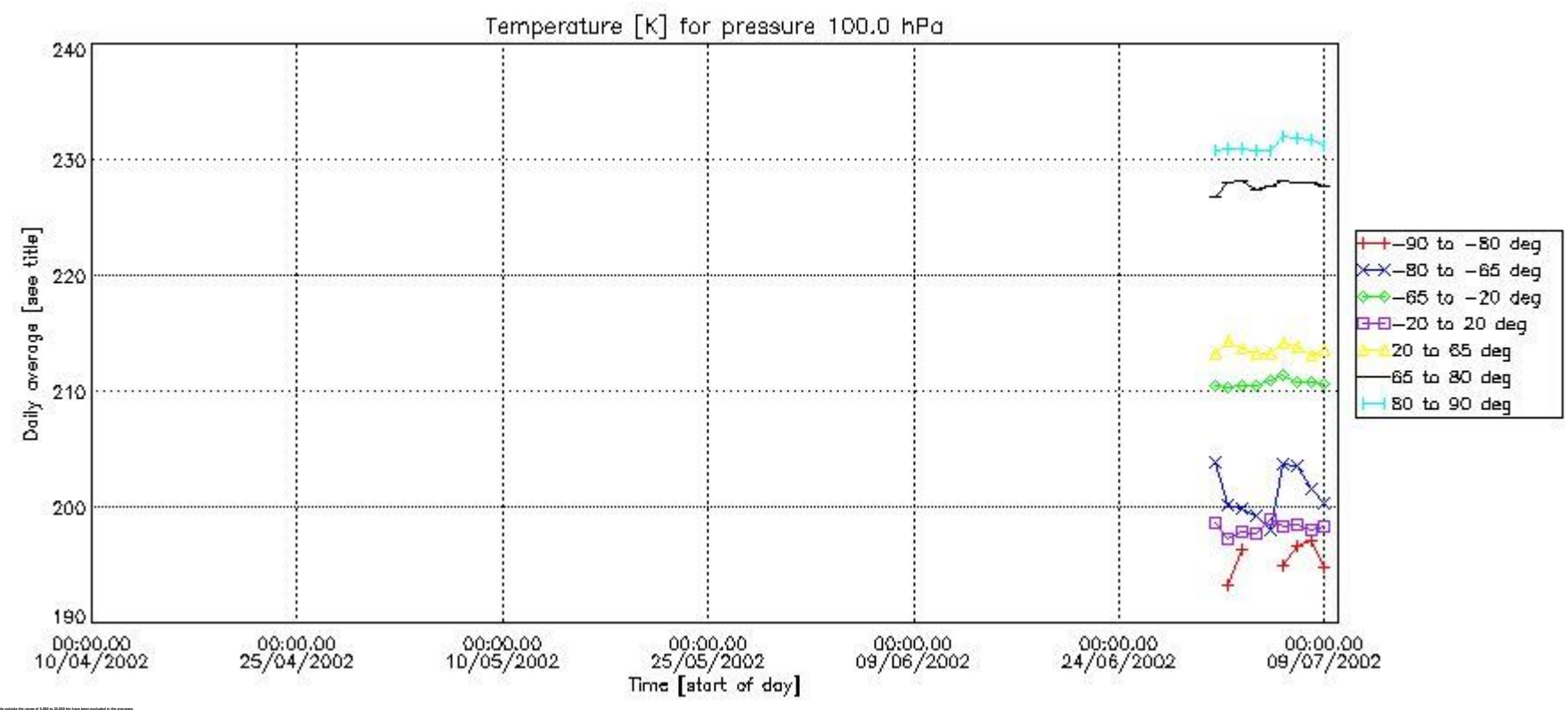
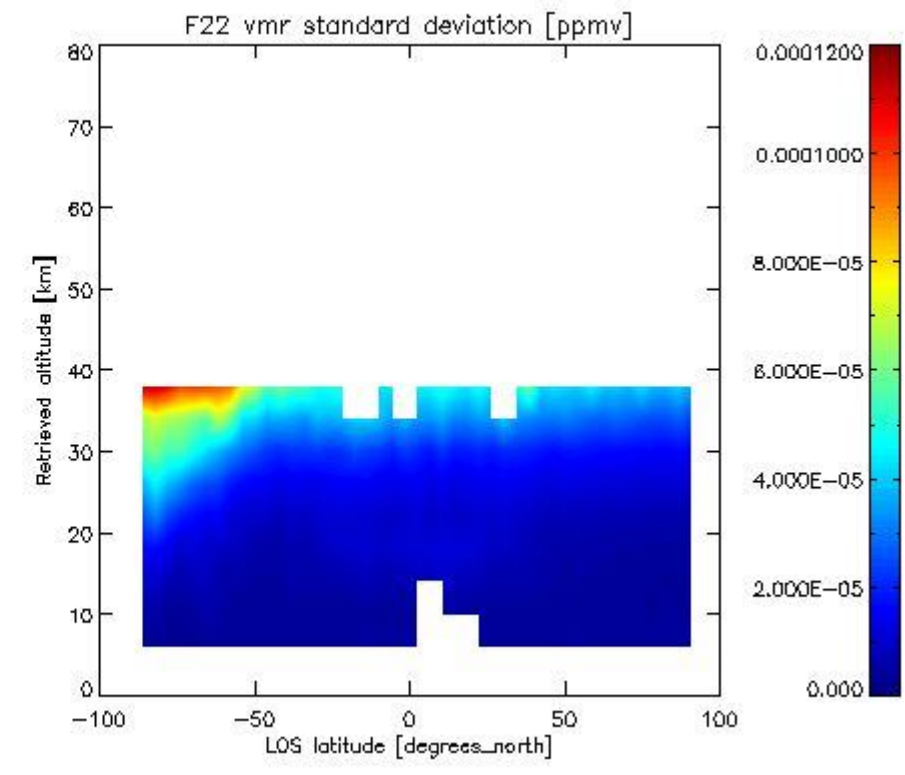
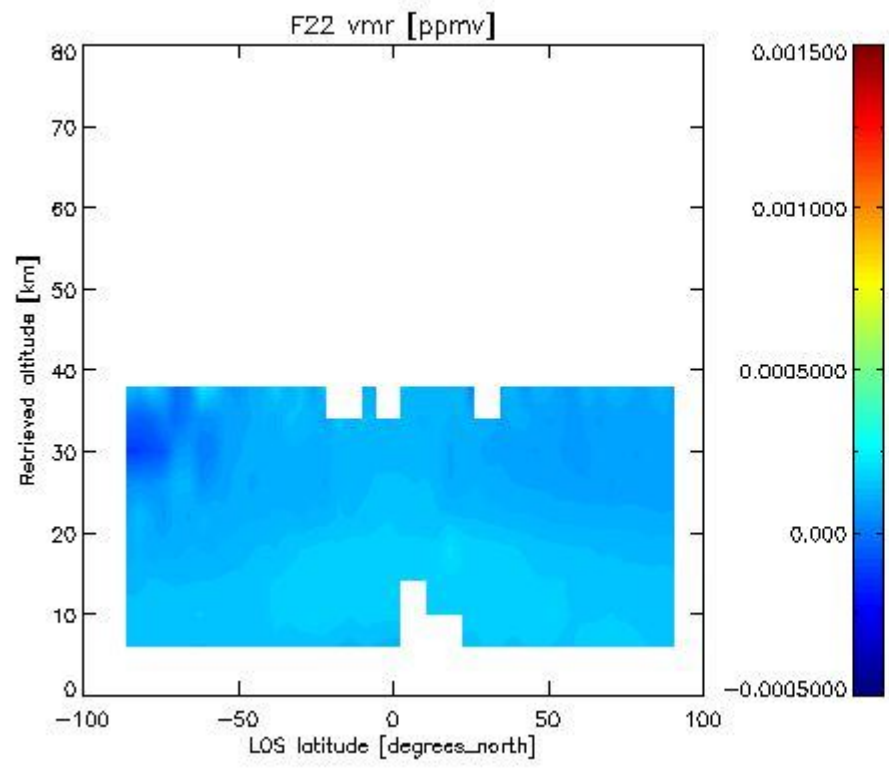
2.3.4.4 CLNO overview: This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

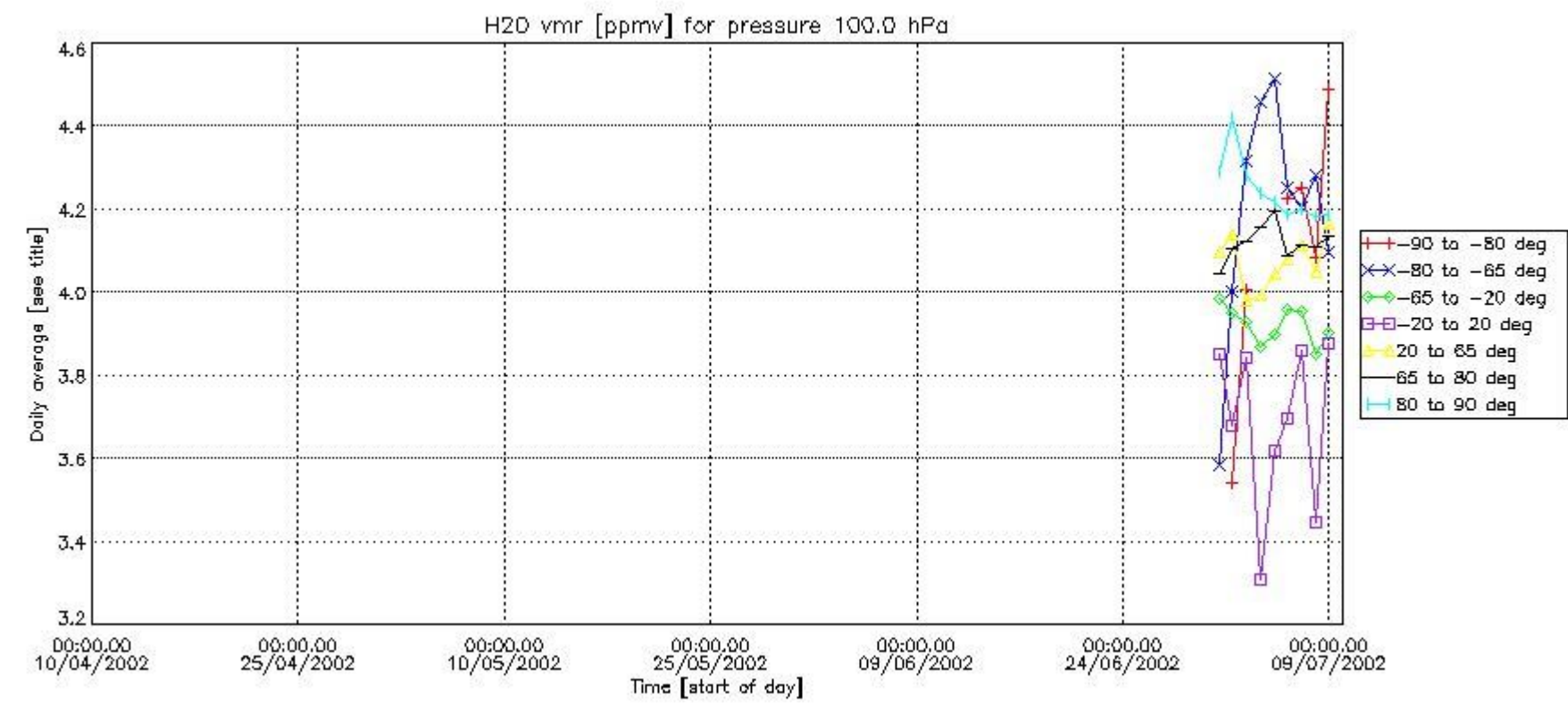
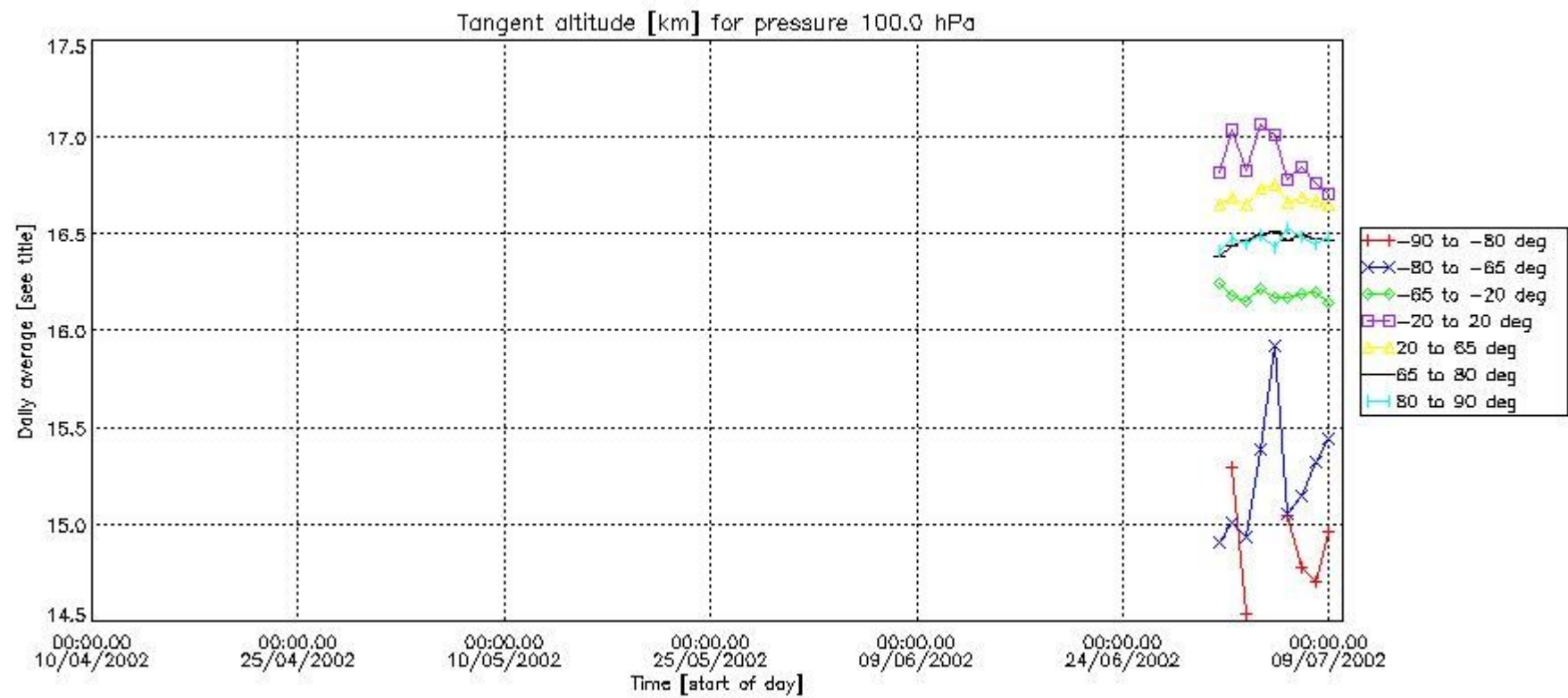


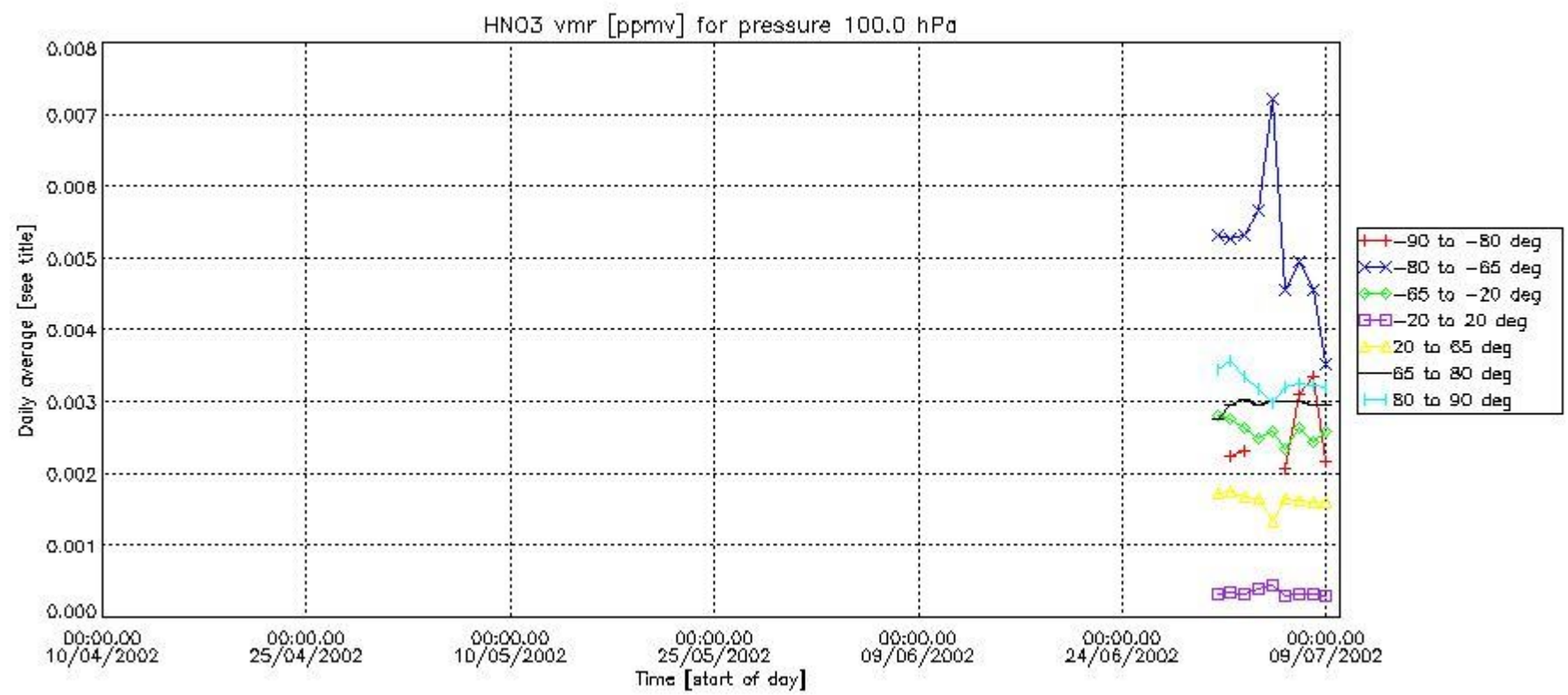
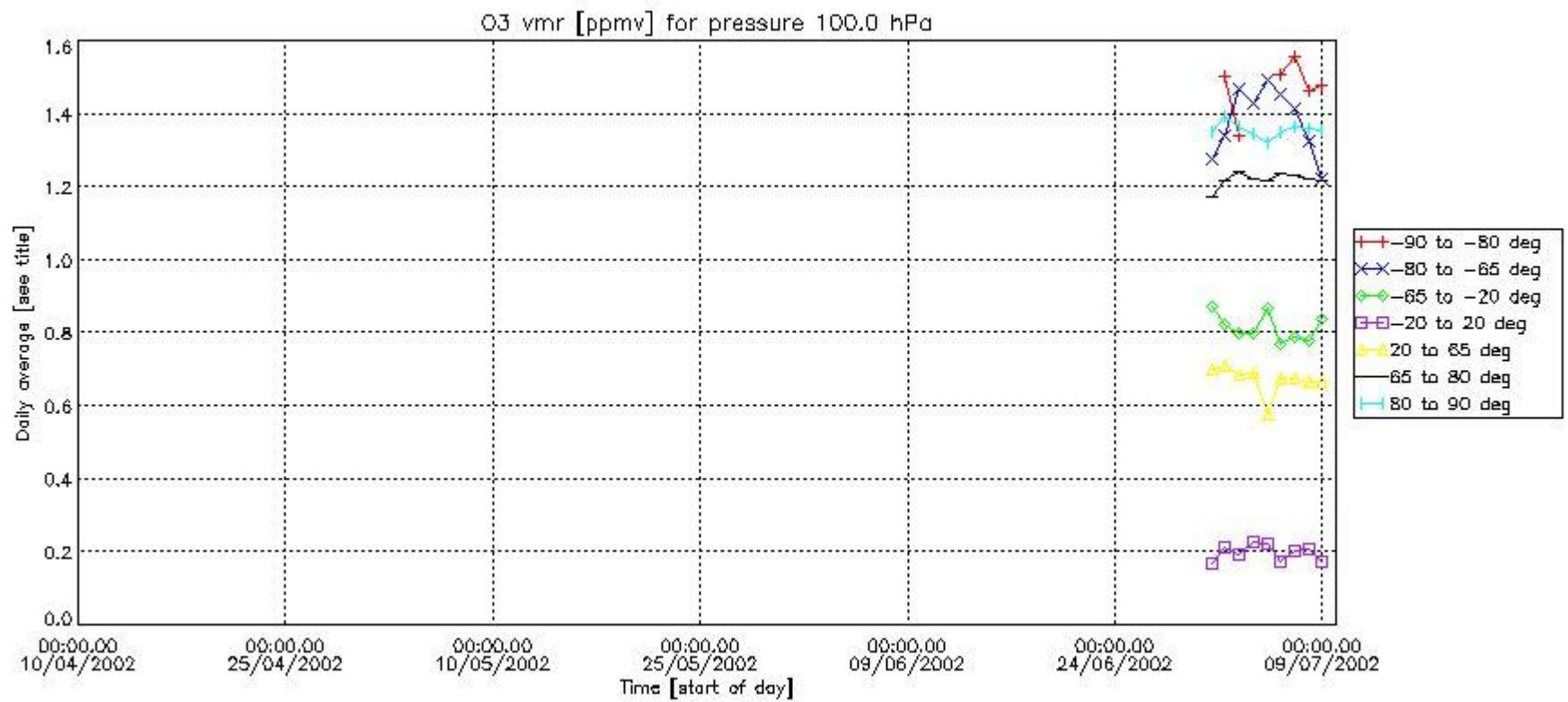


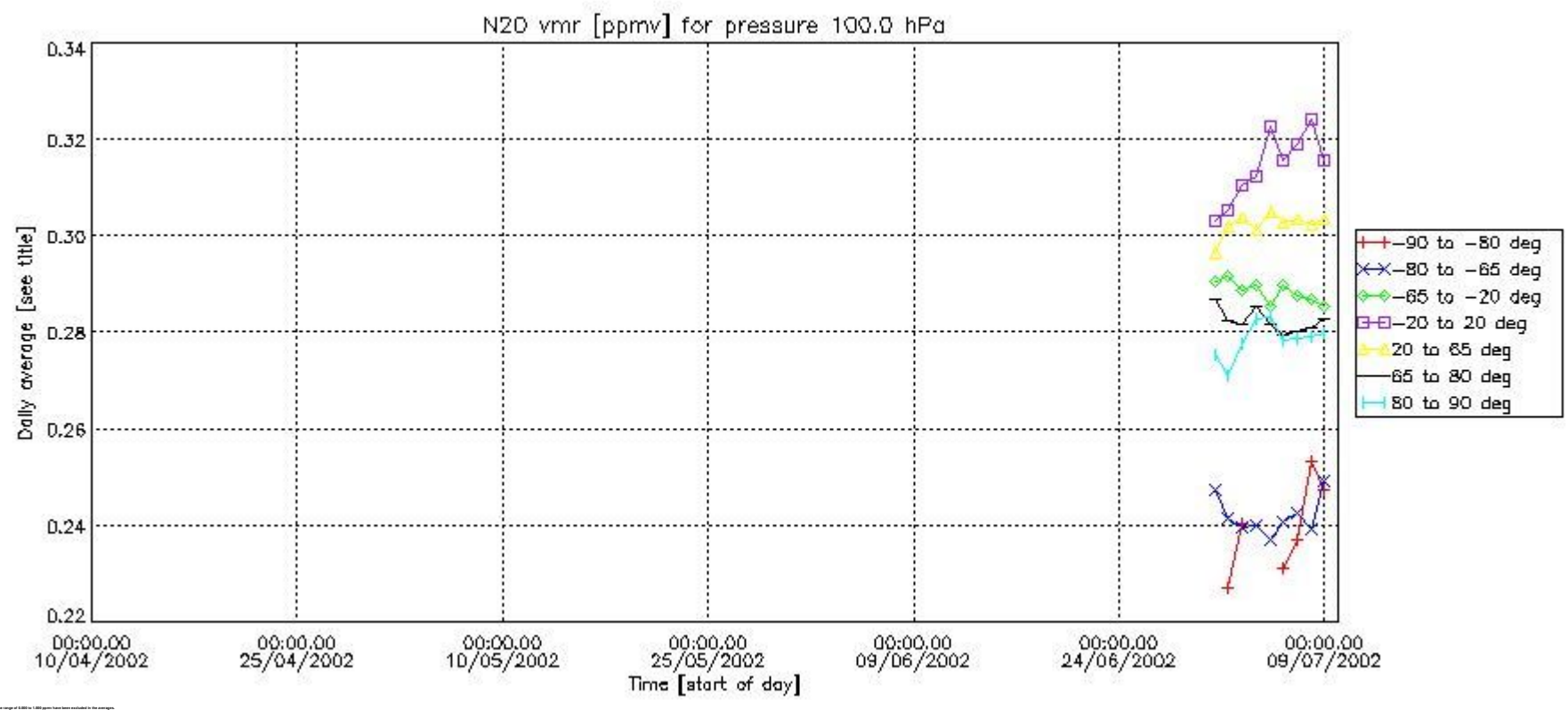
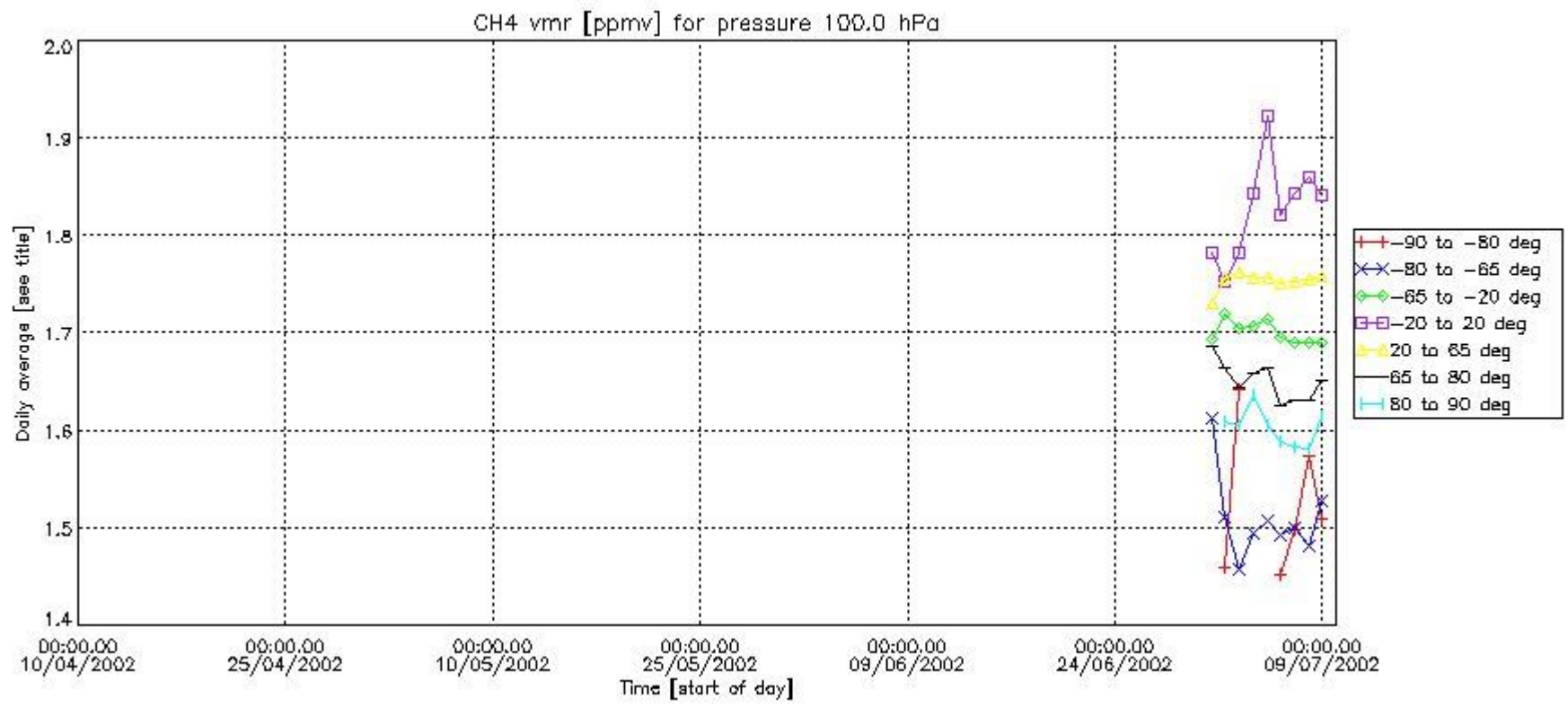


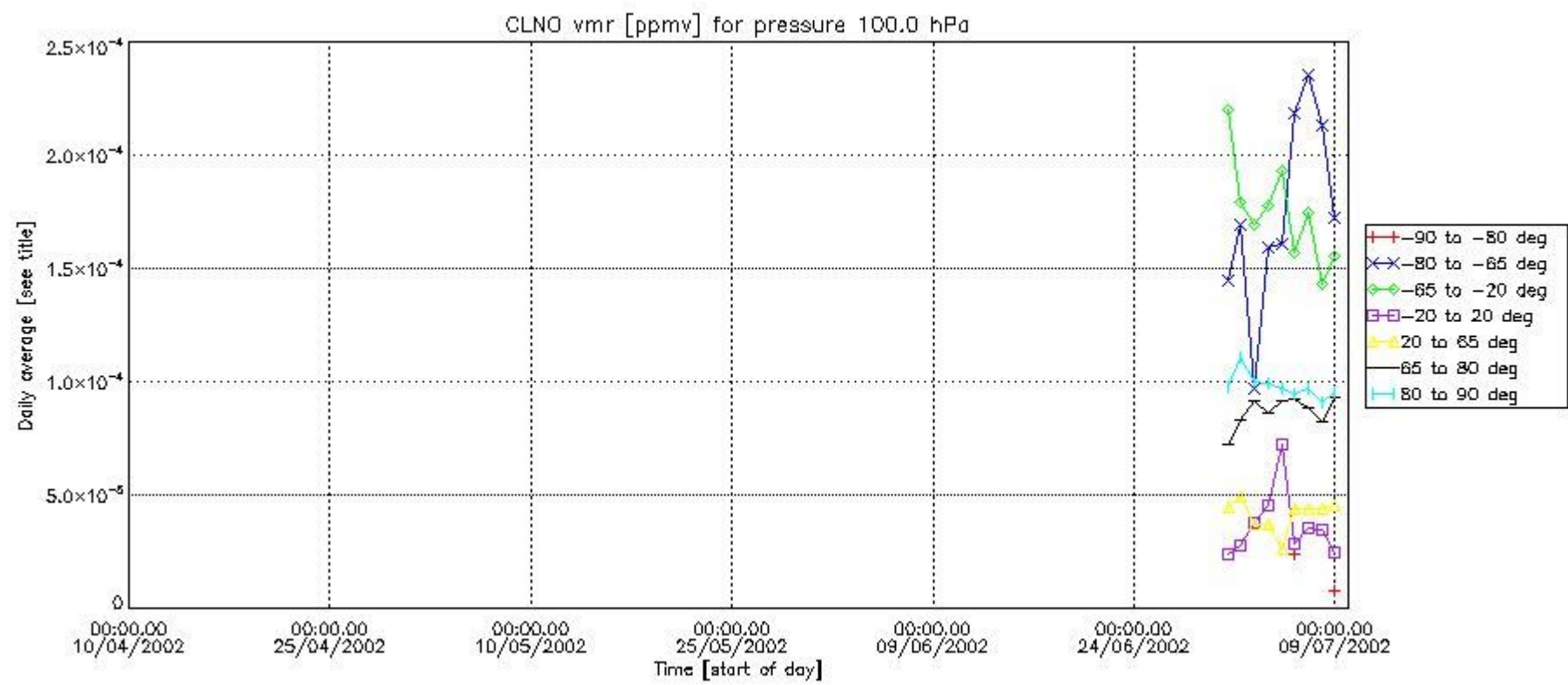
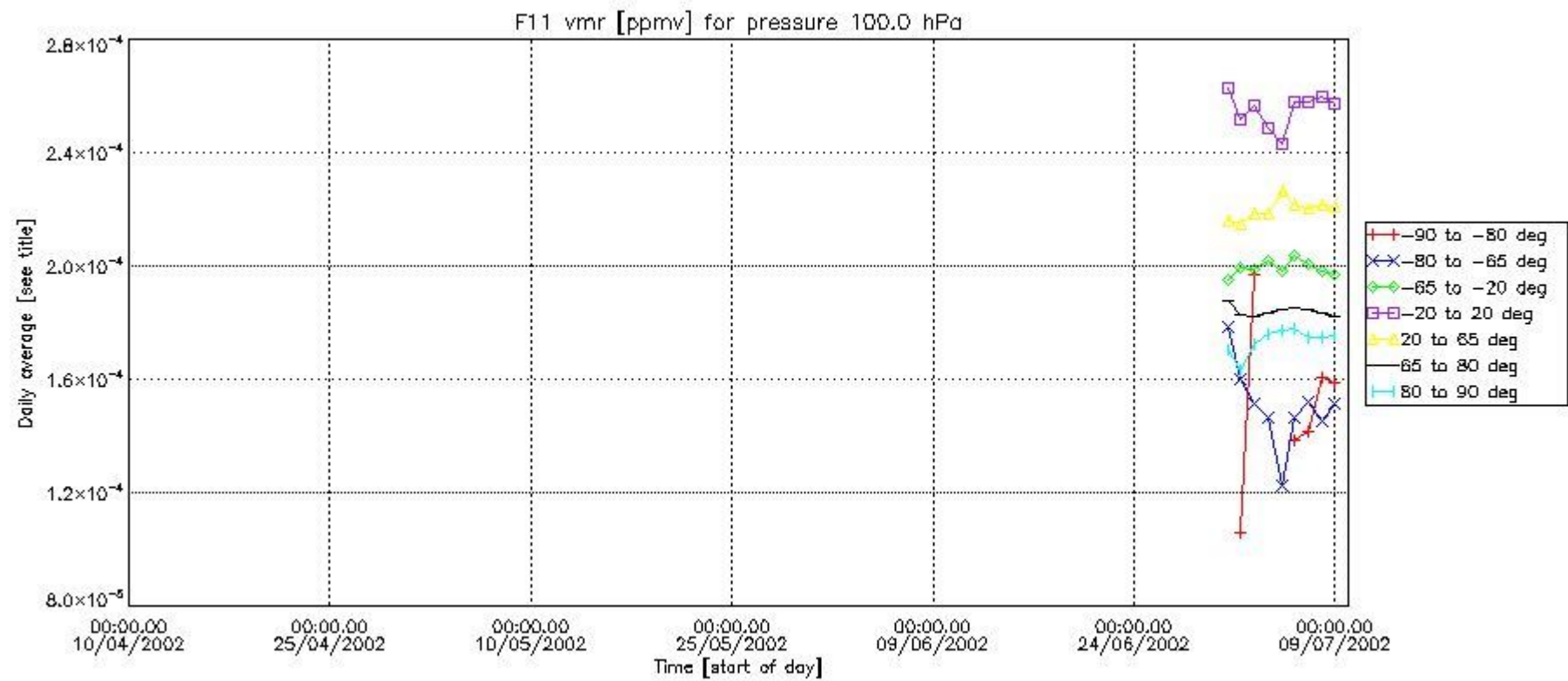


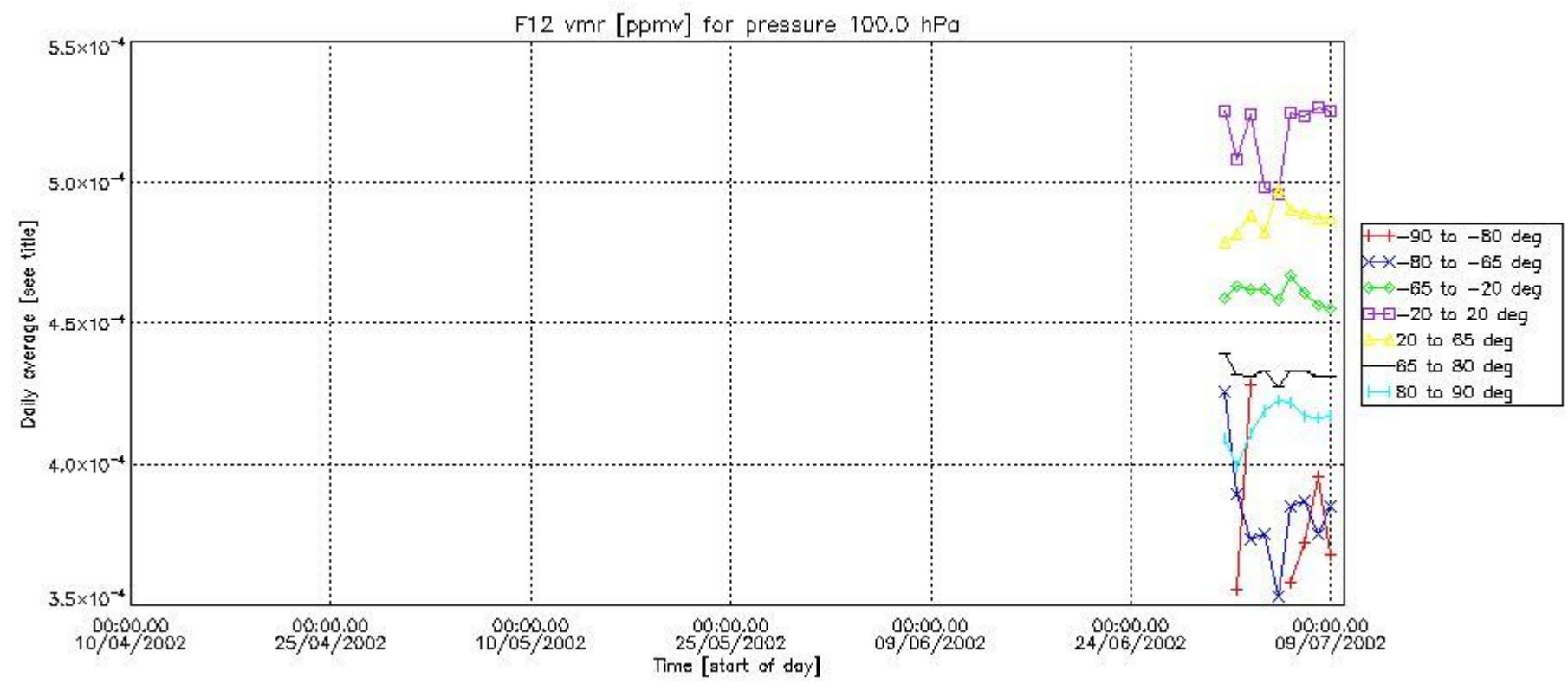
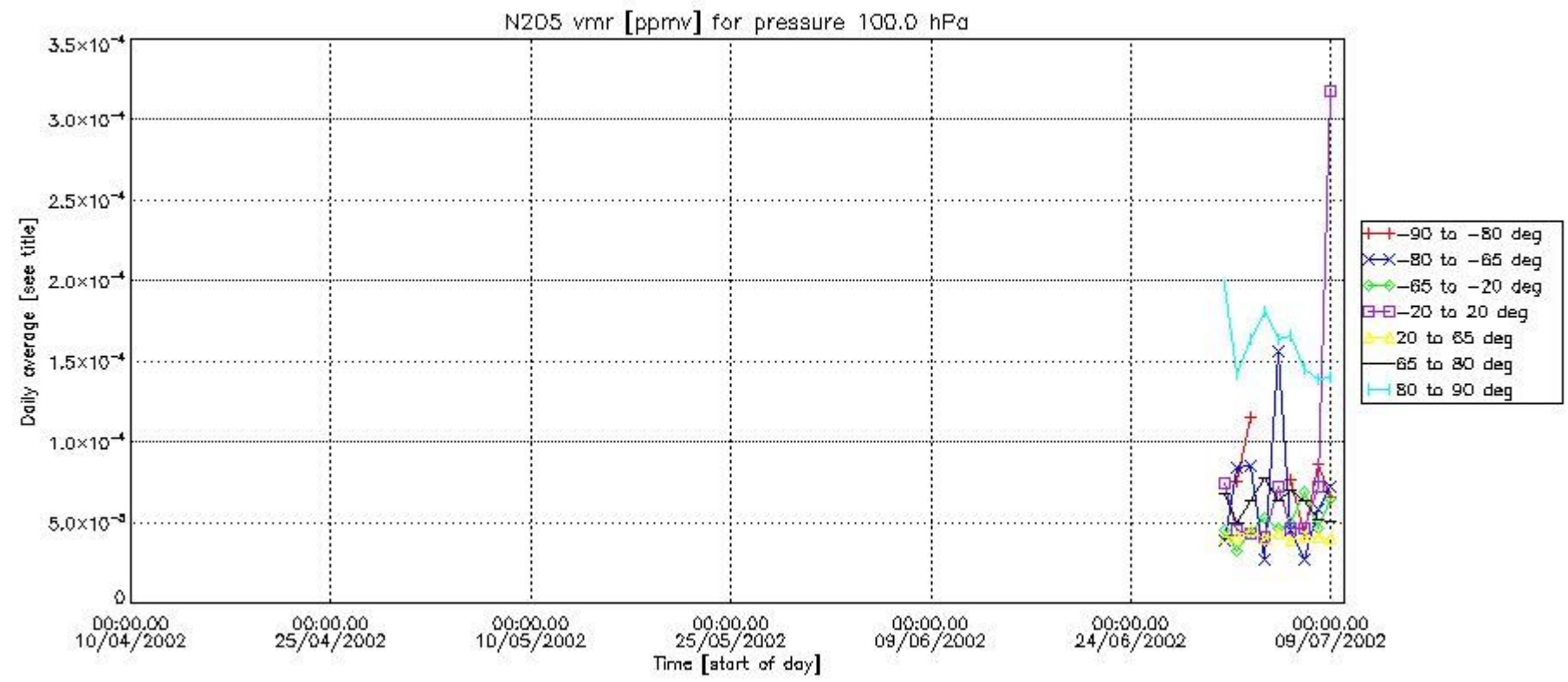


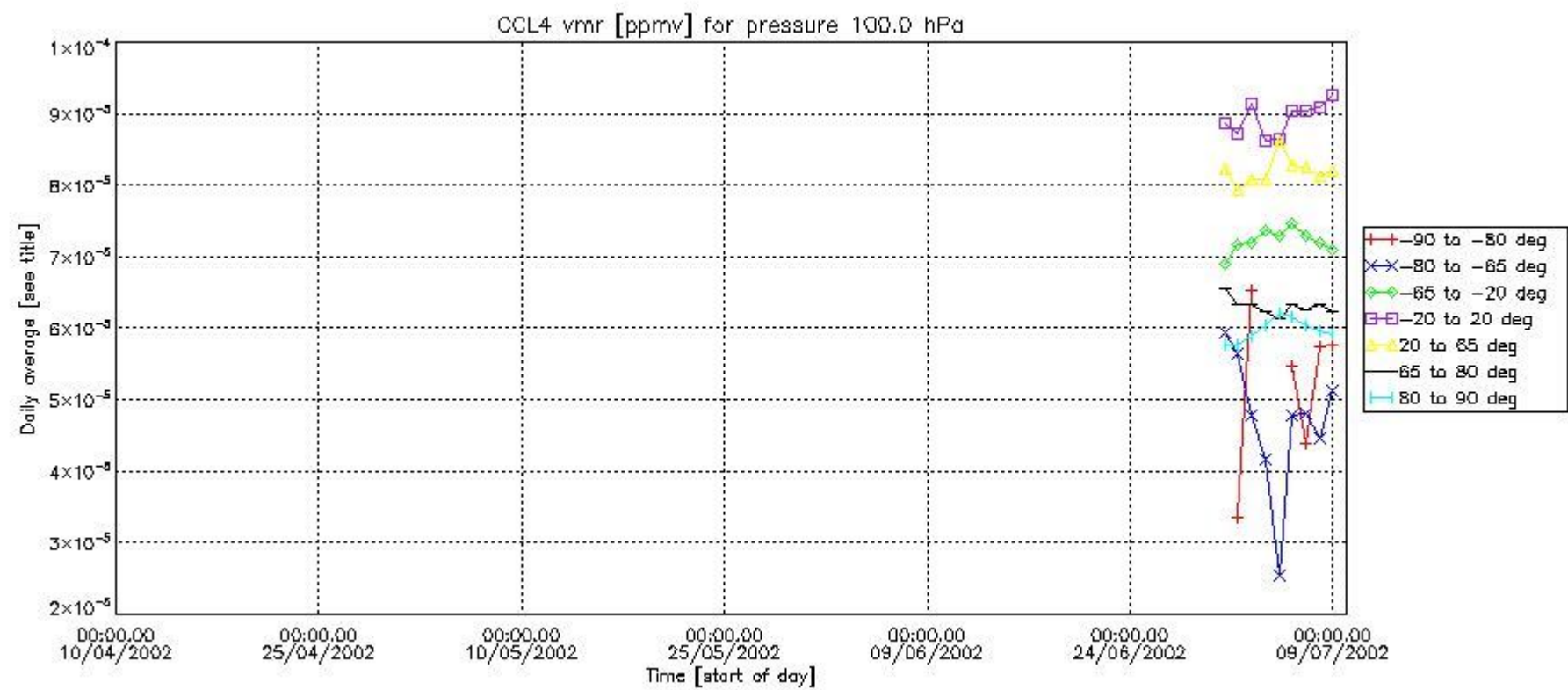
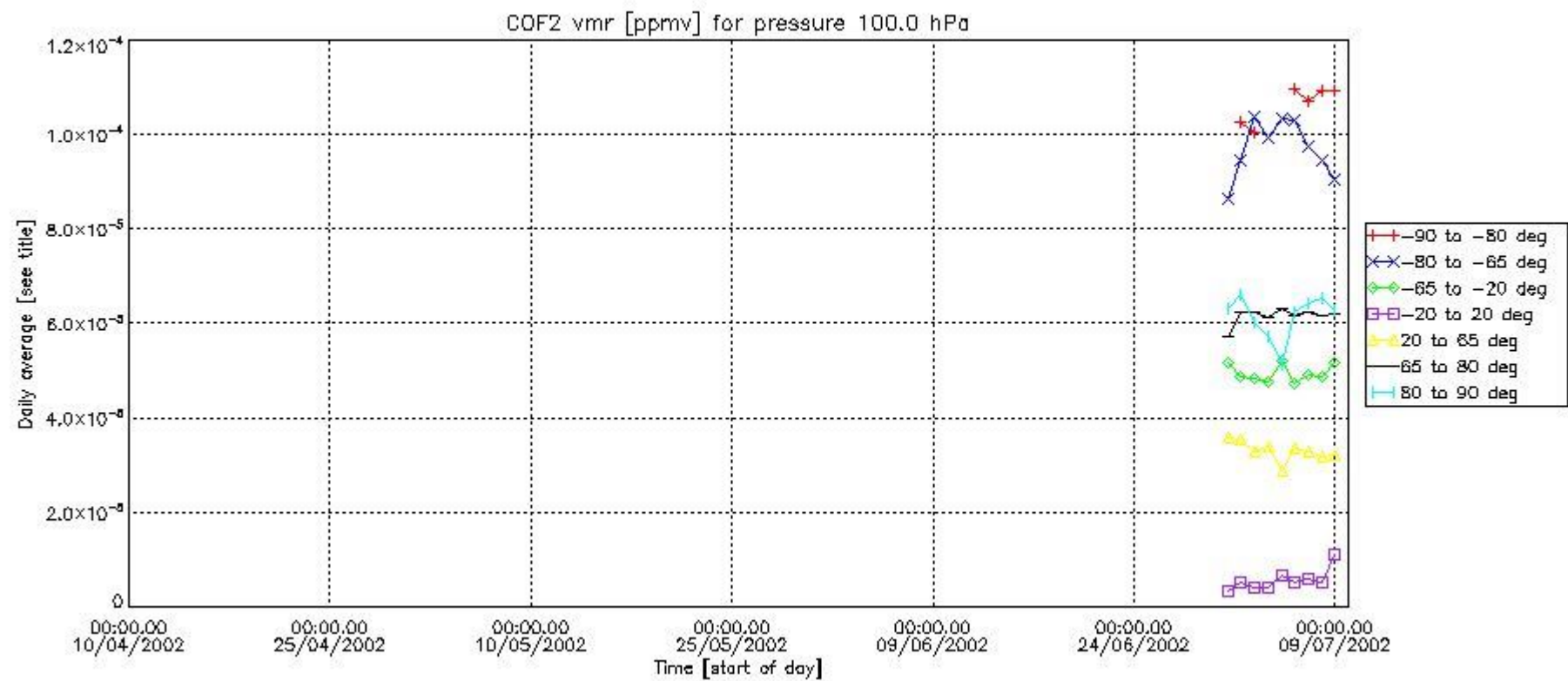


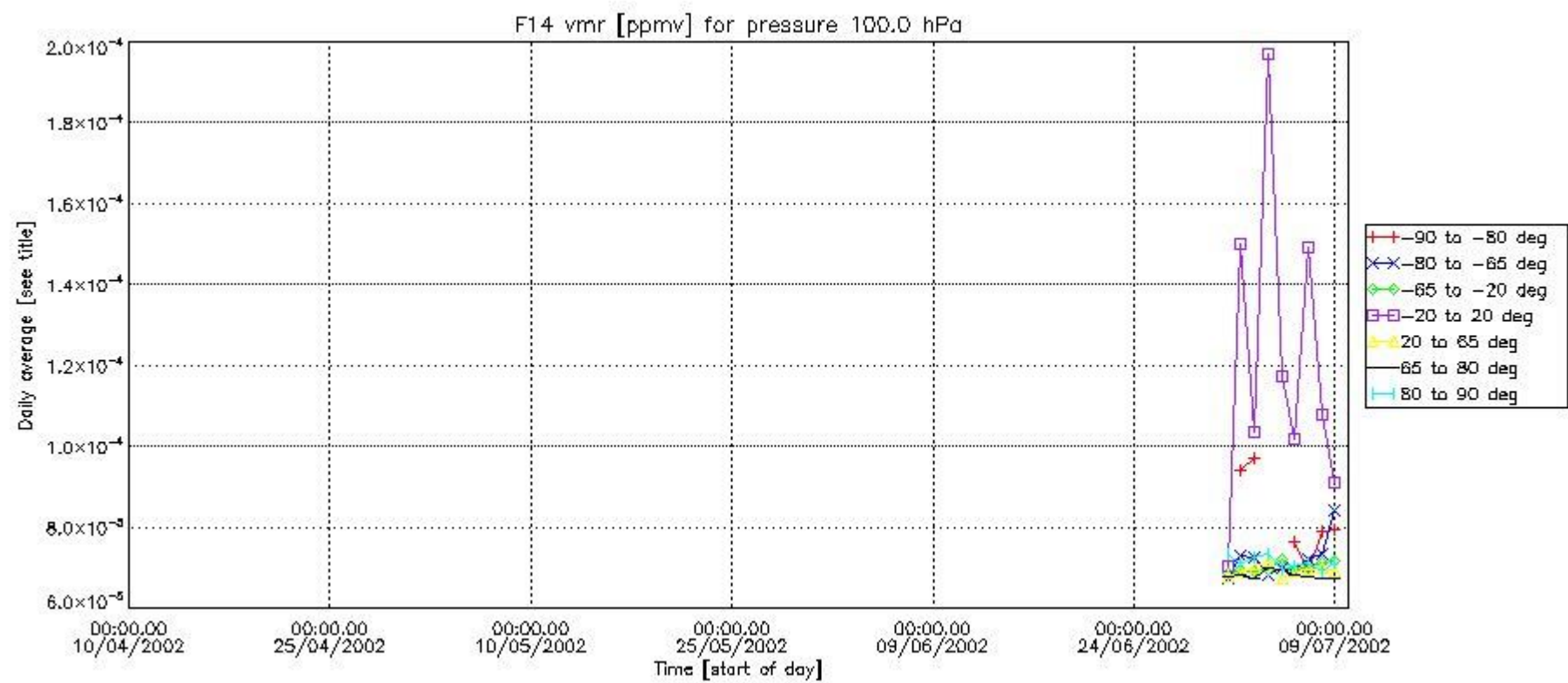
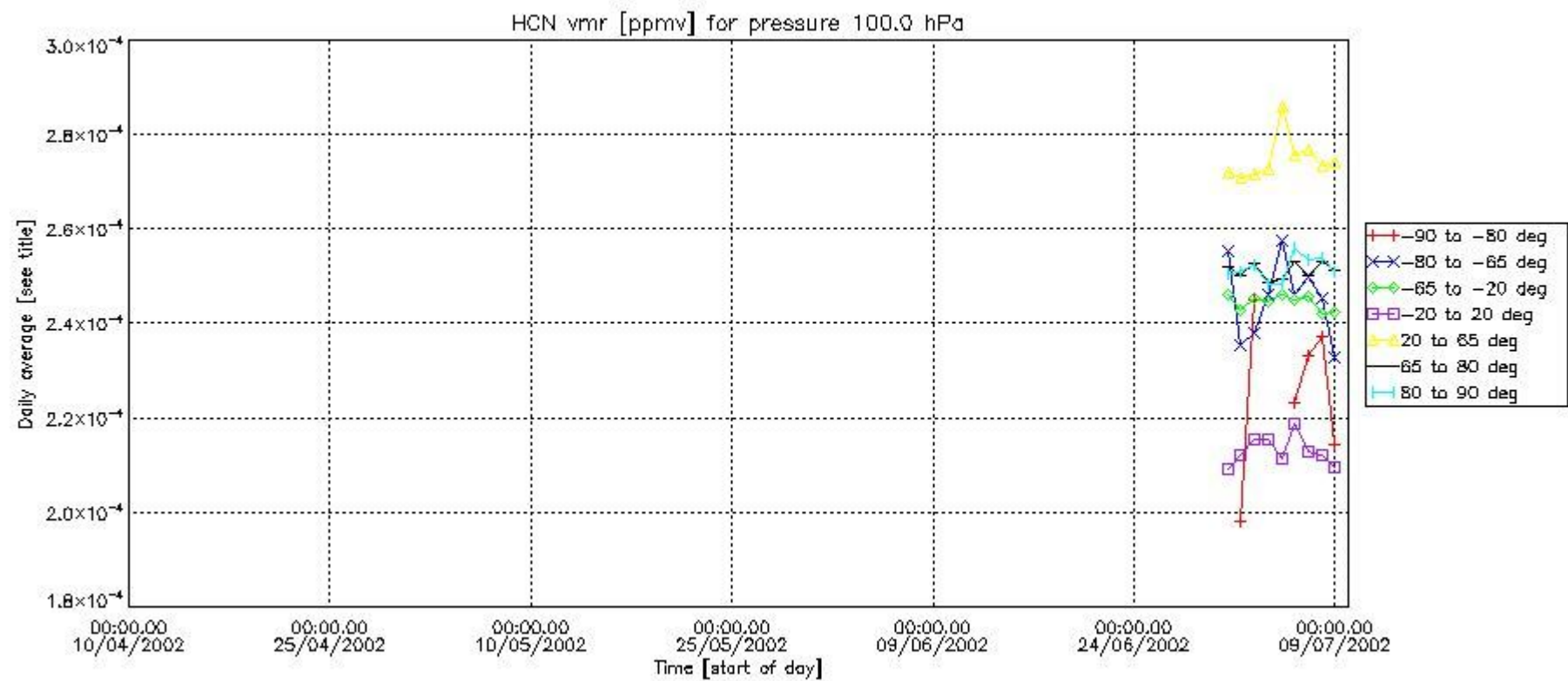


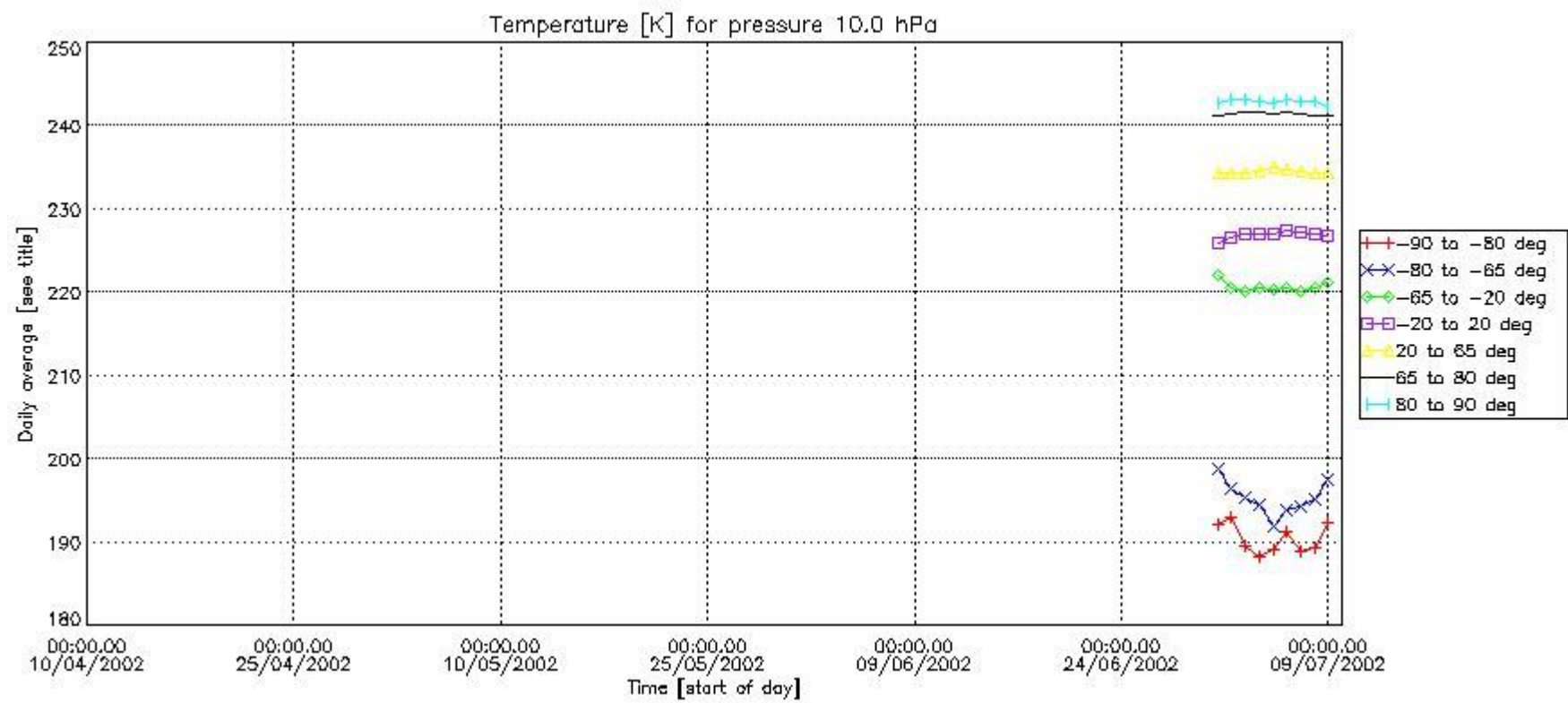
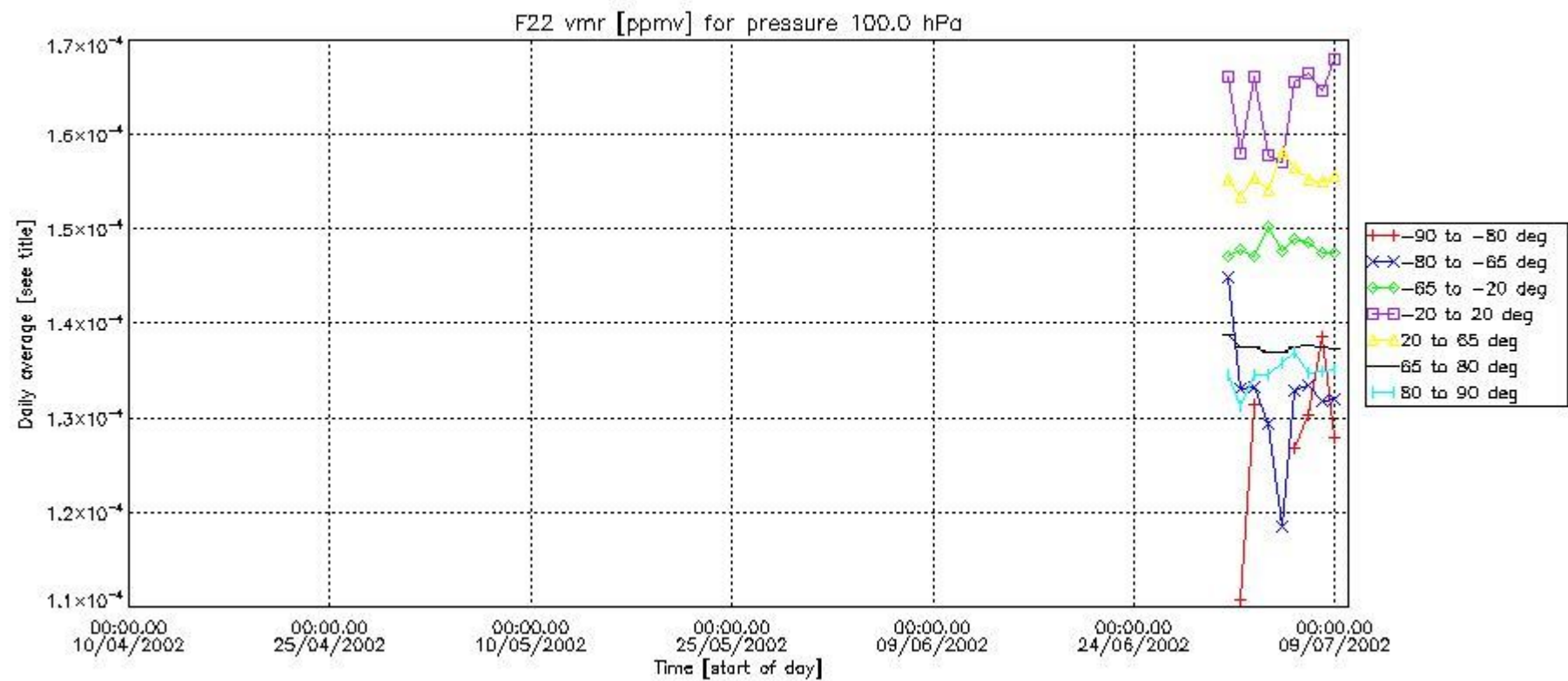


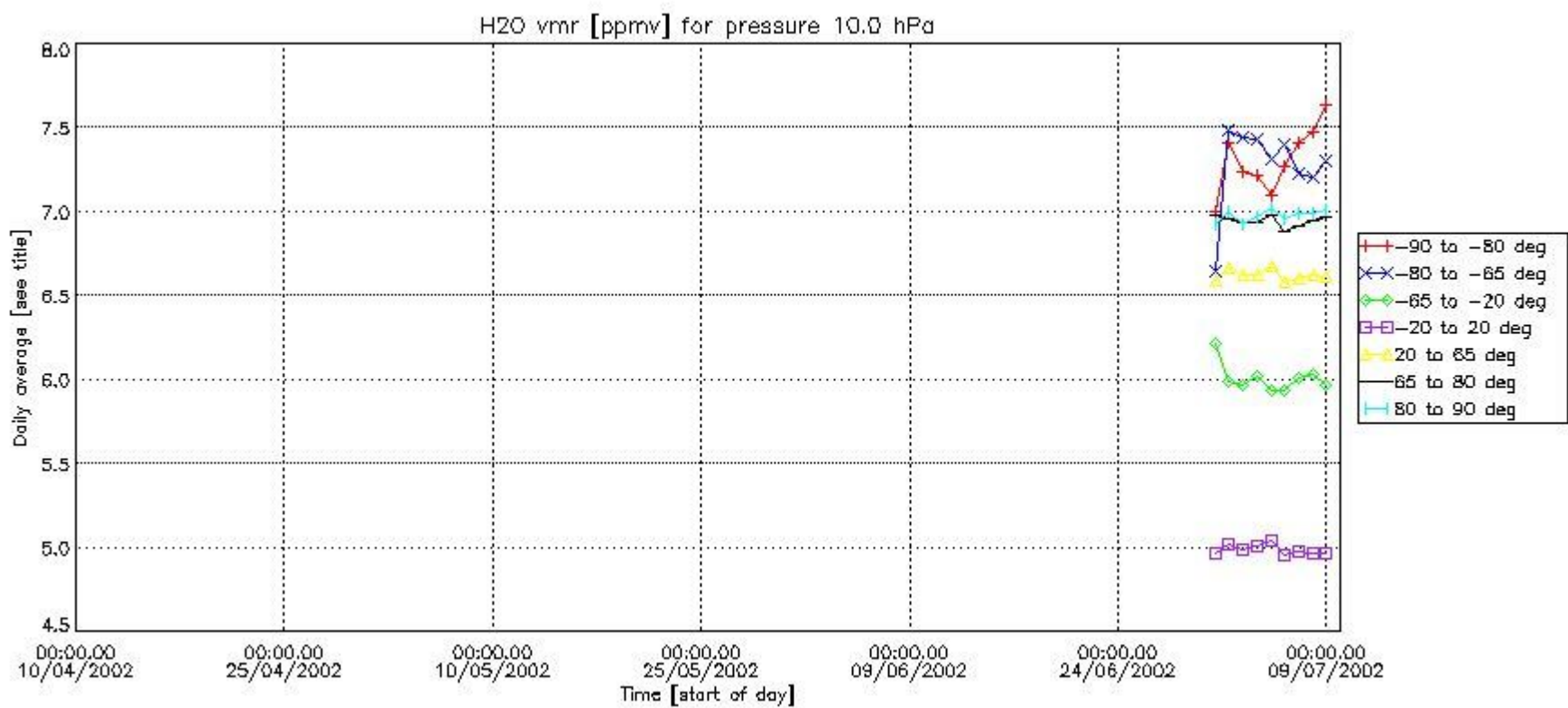
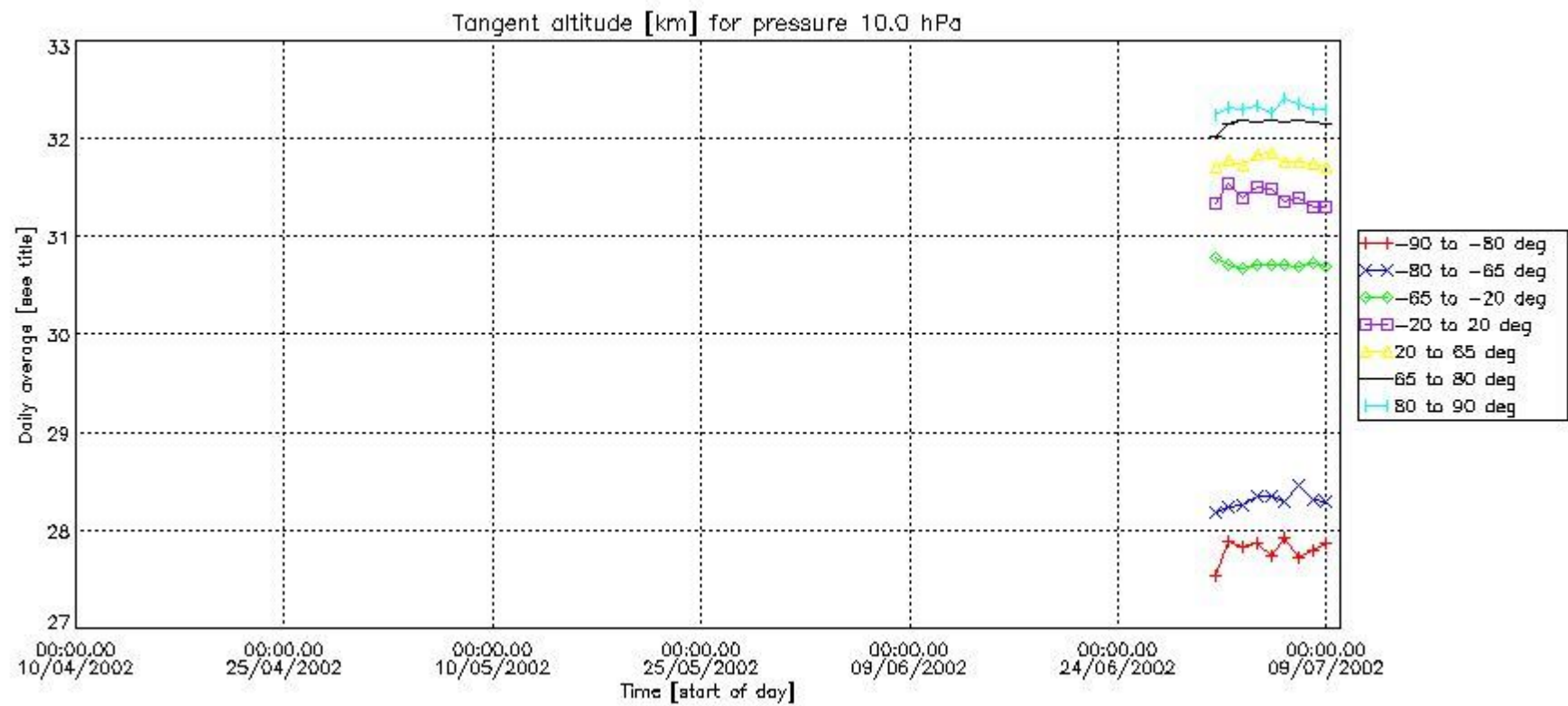


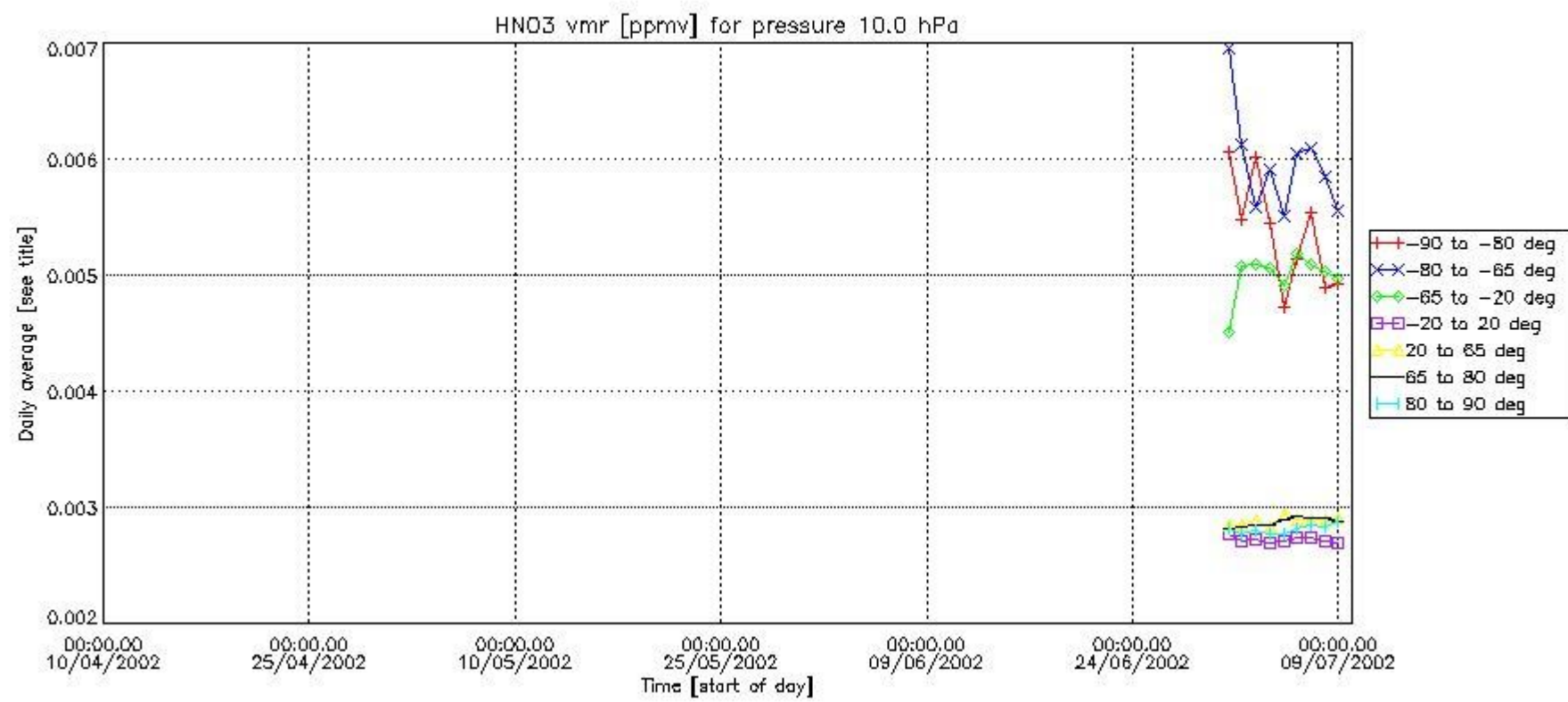
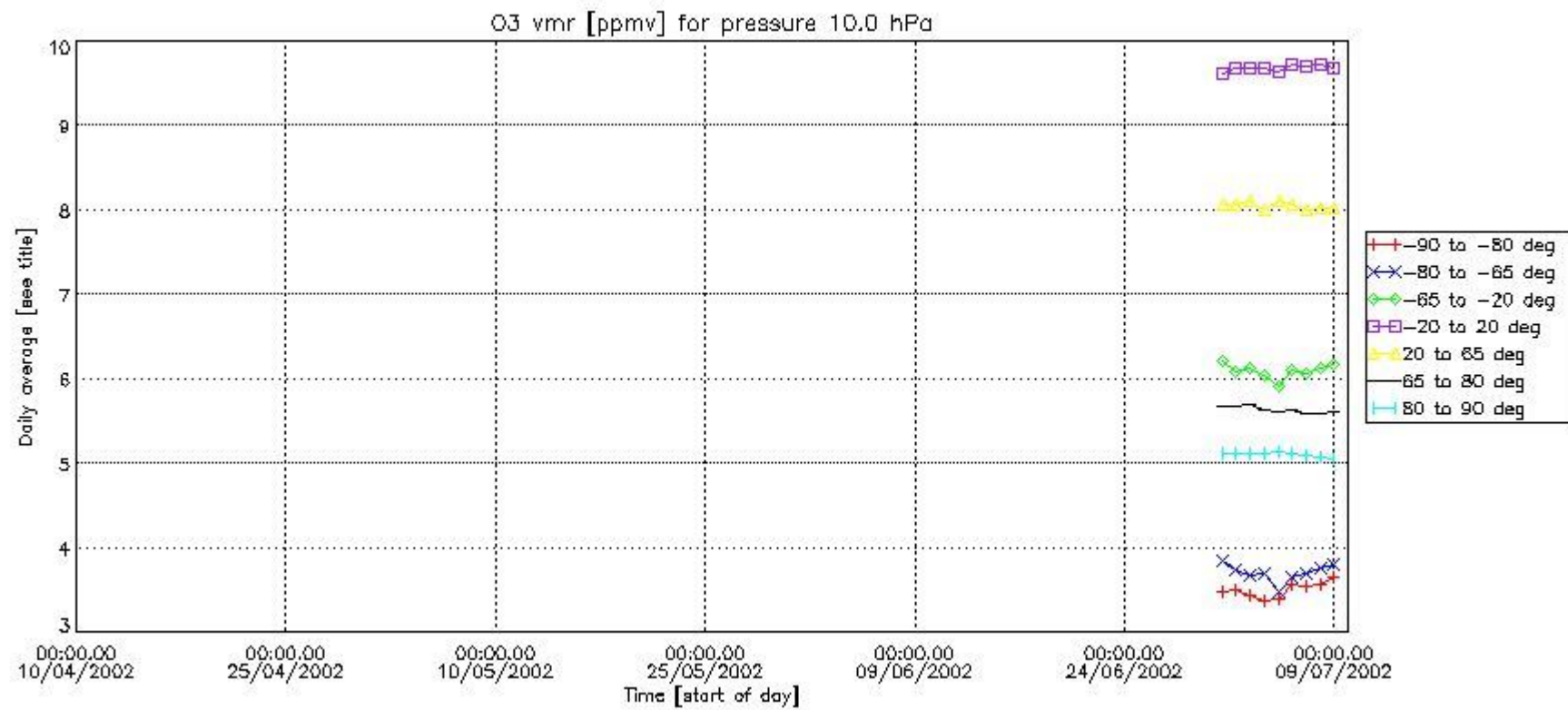


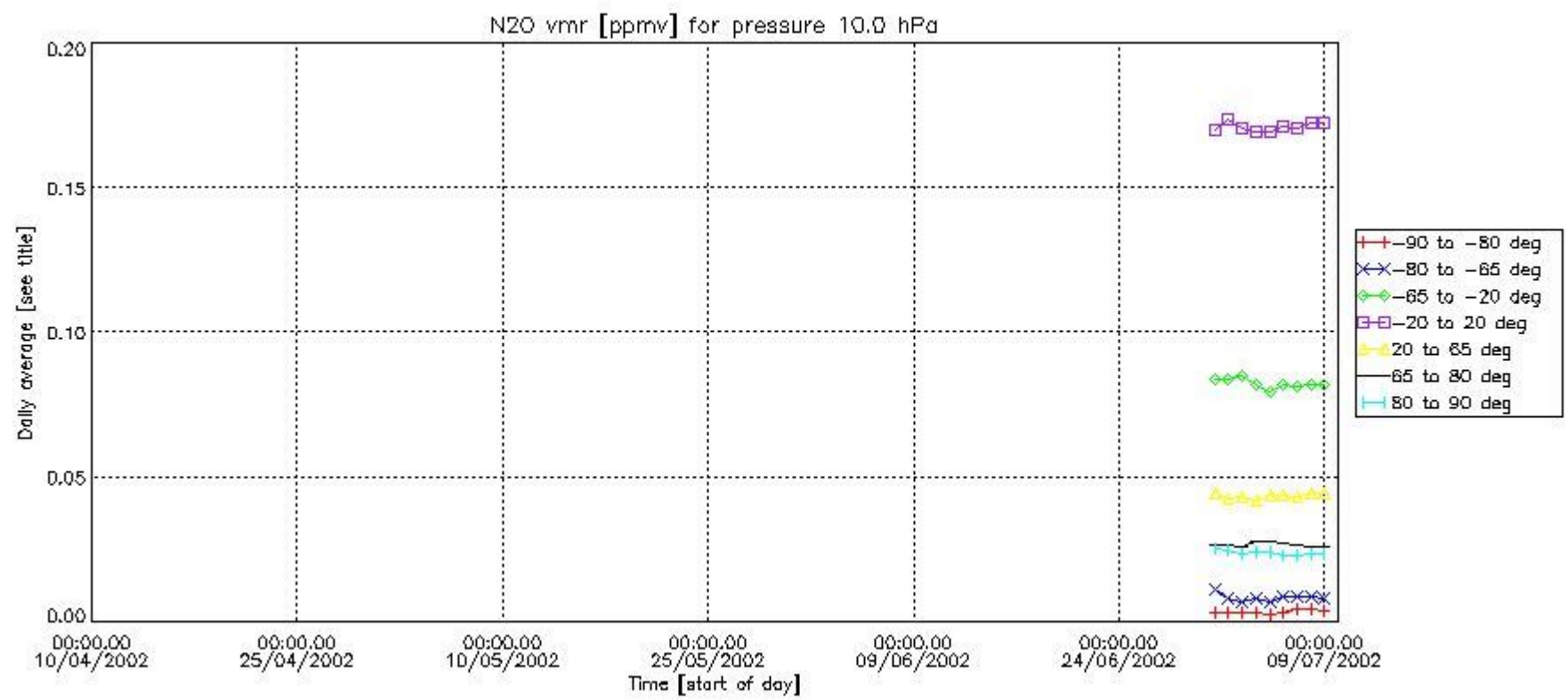
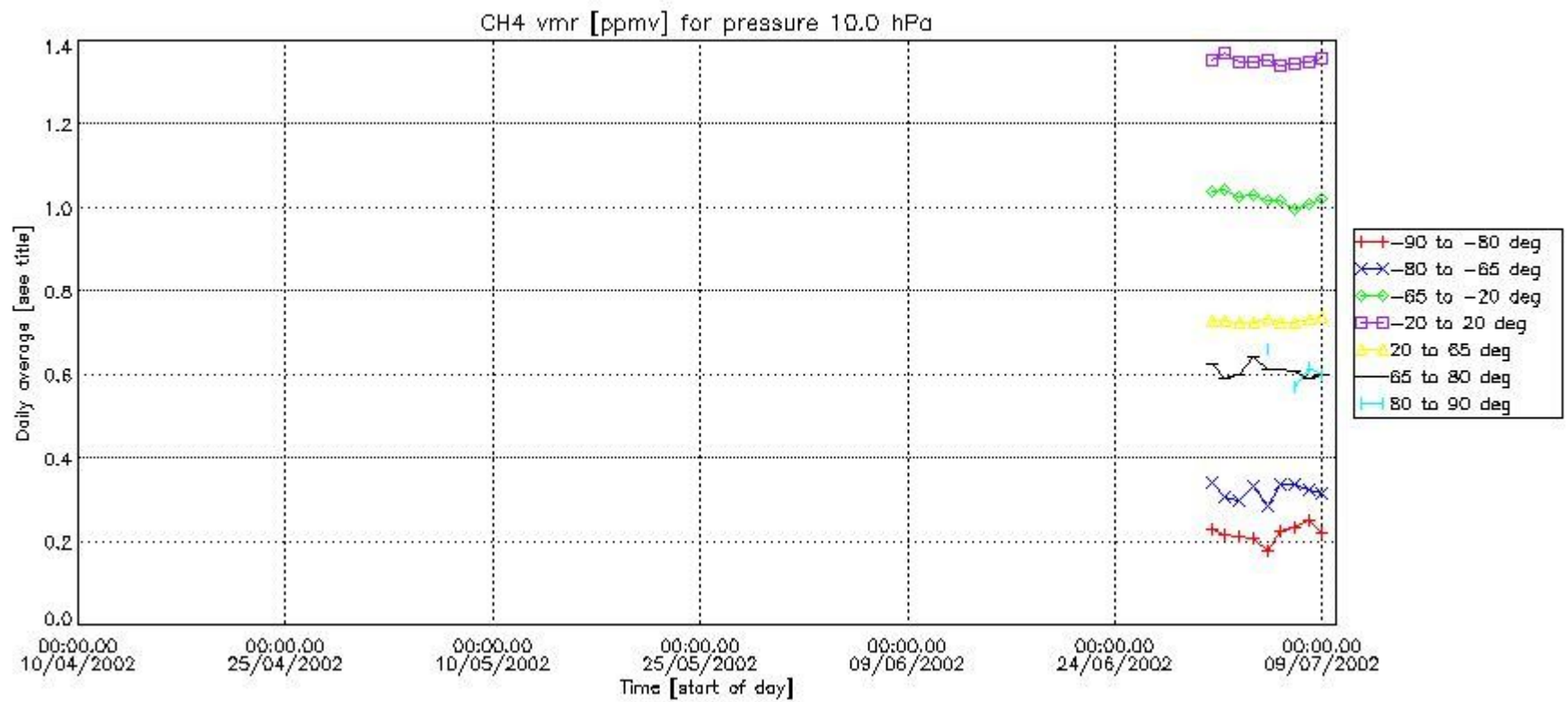


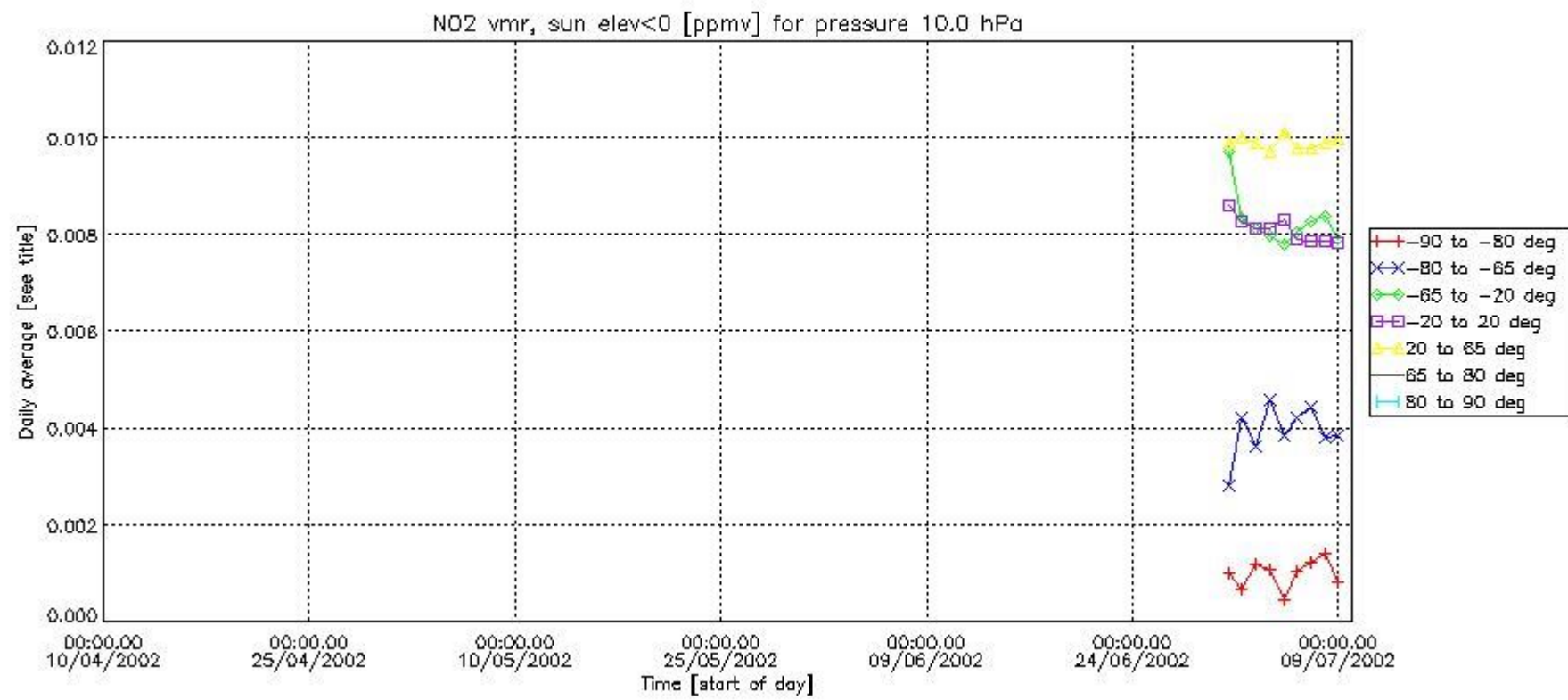
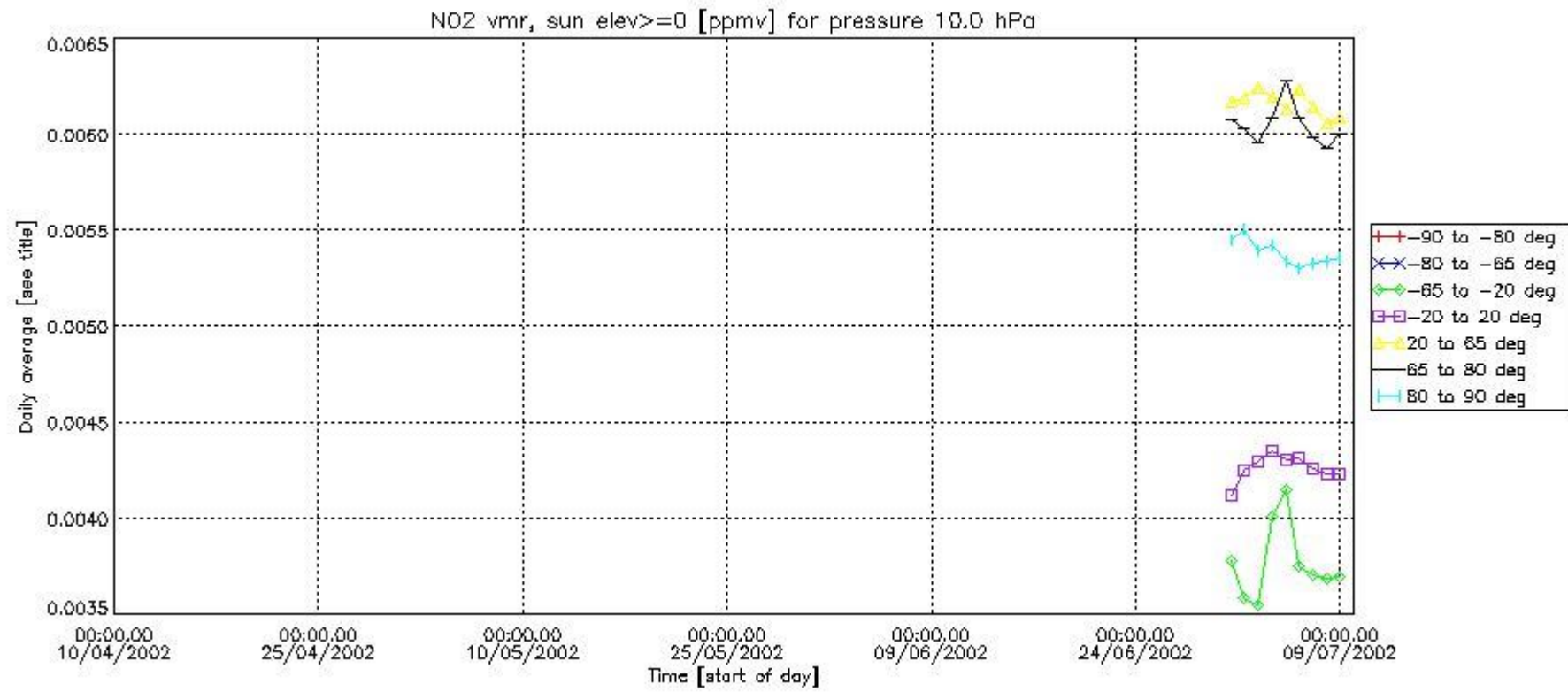


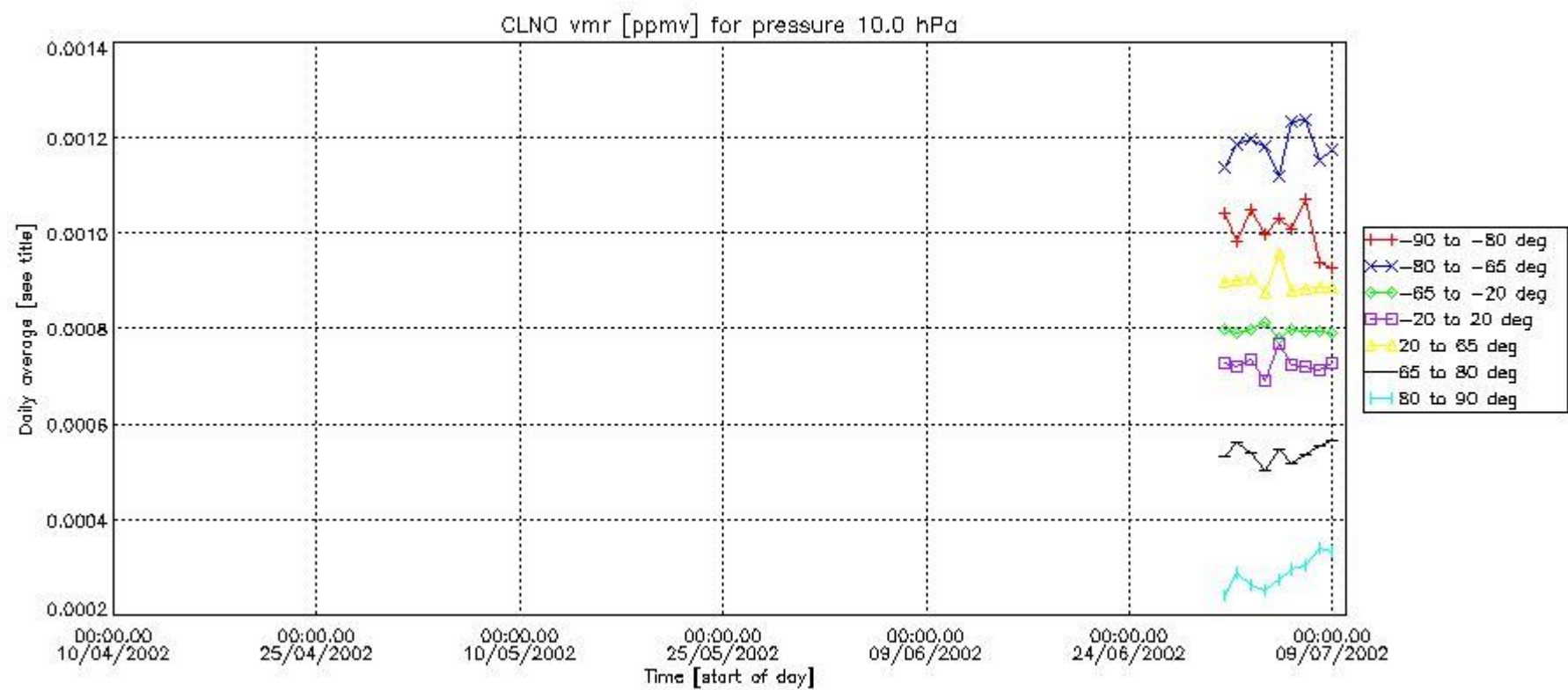
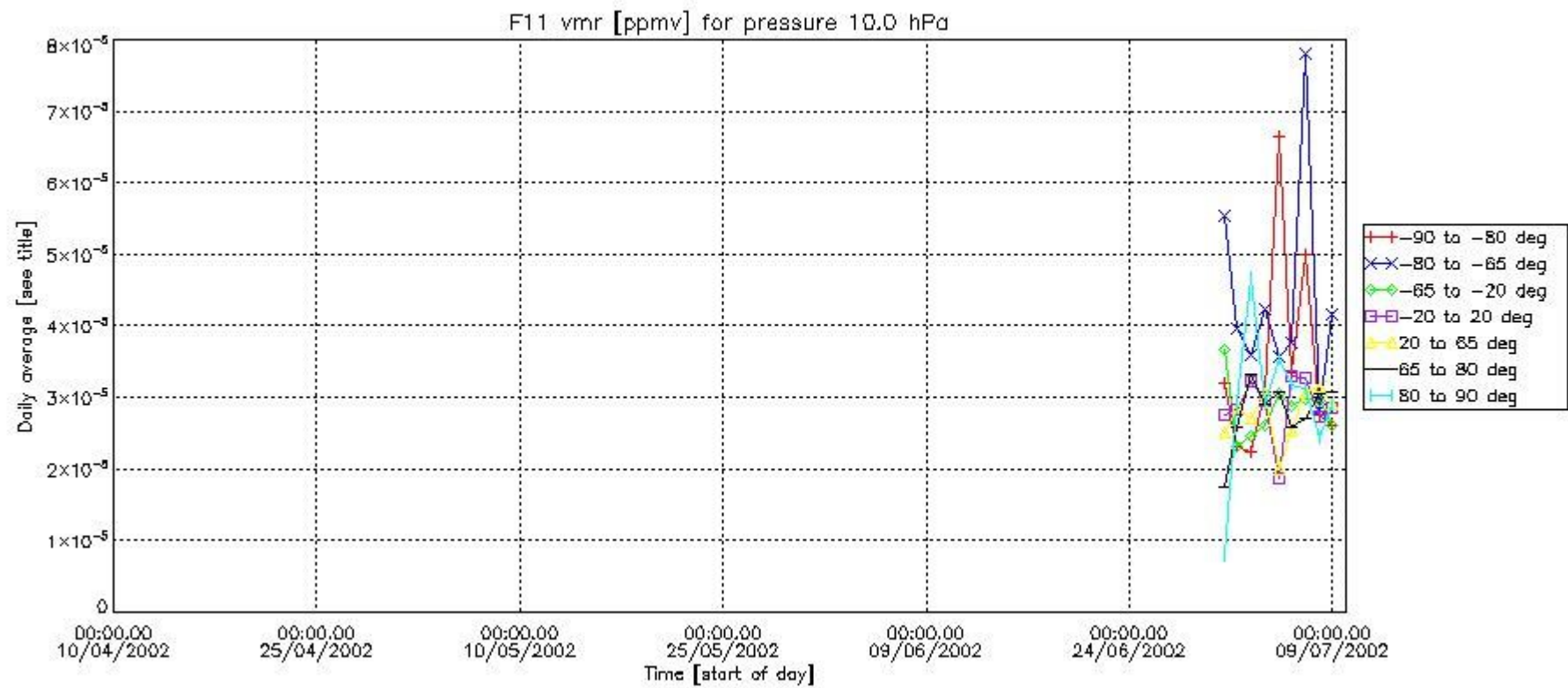


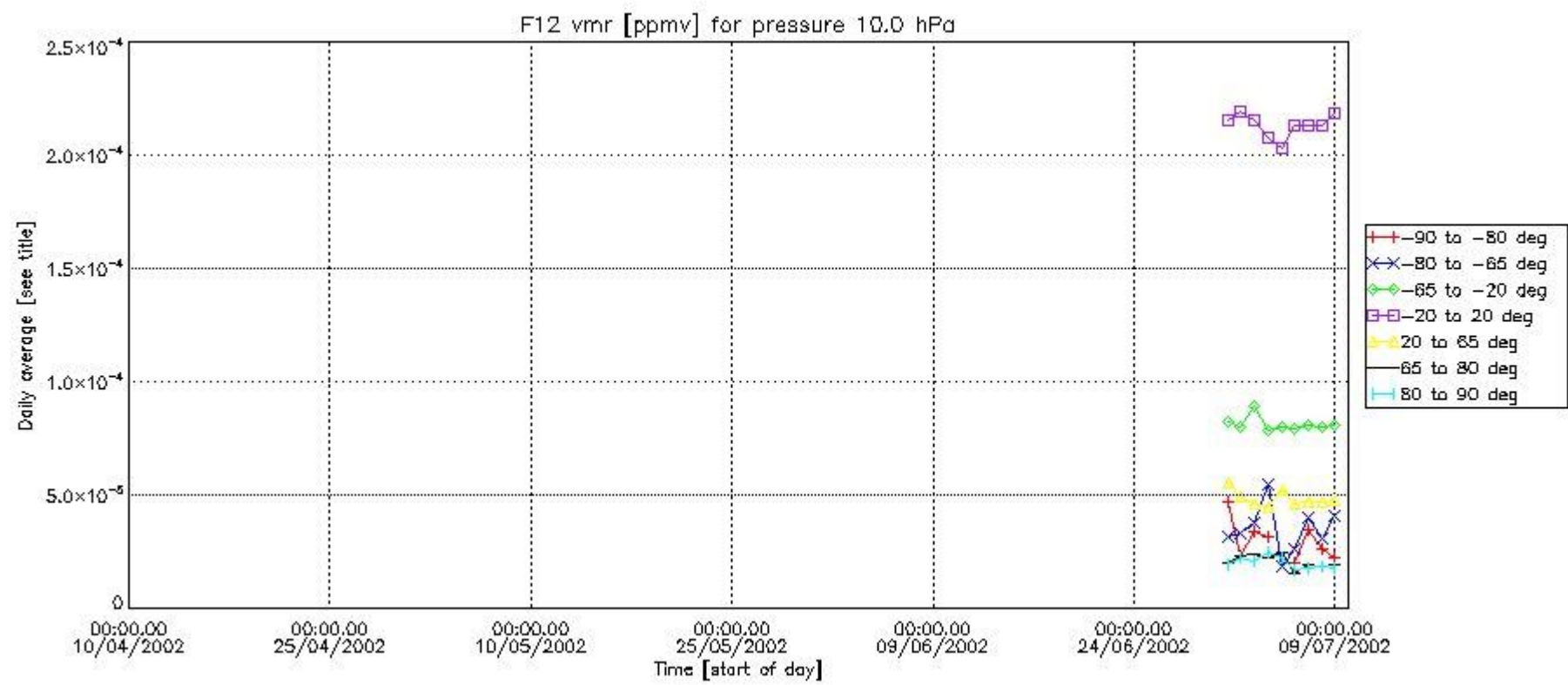
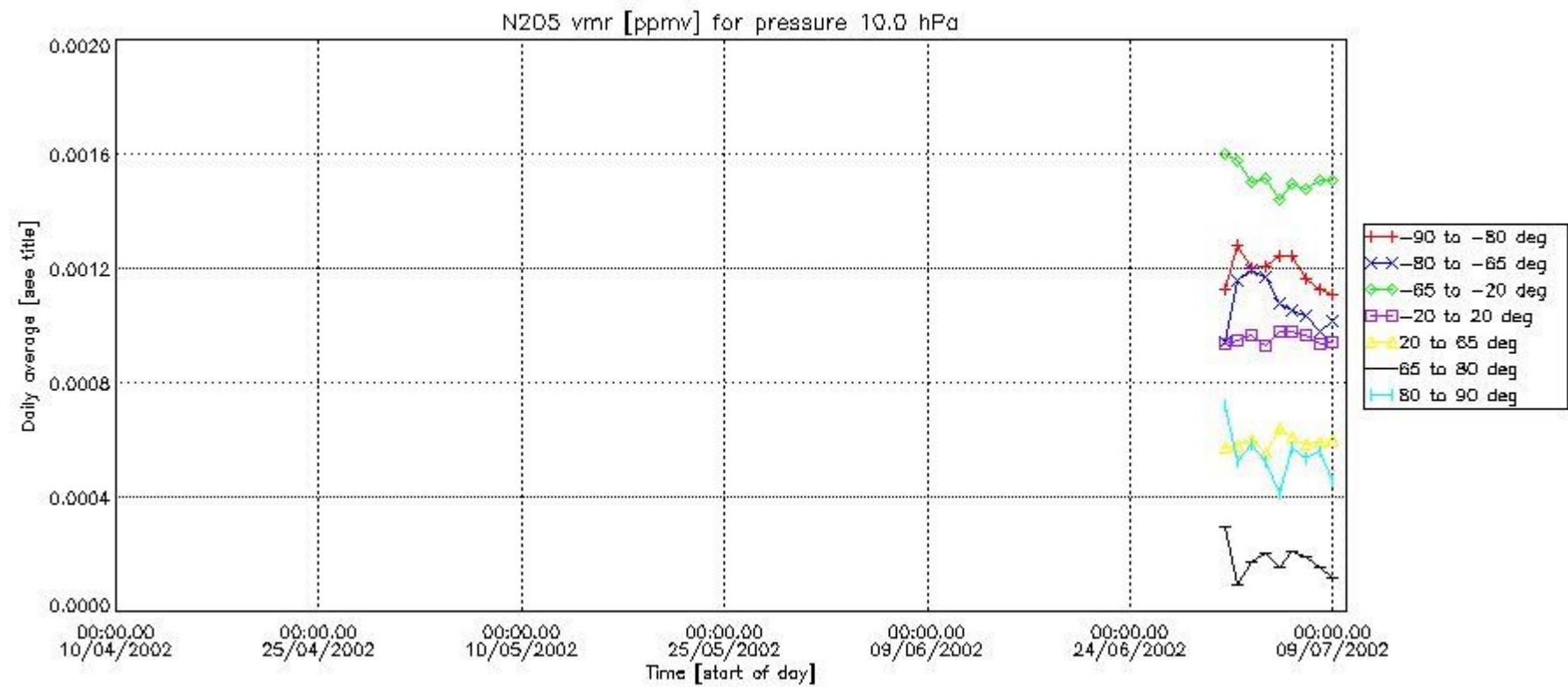


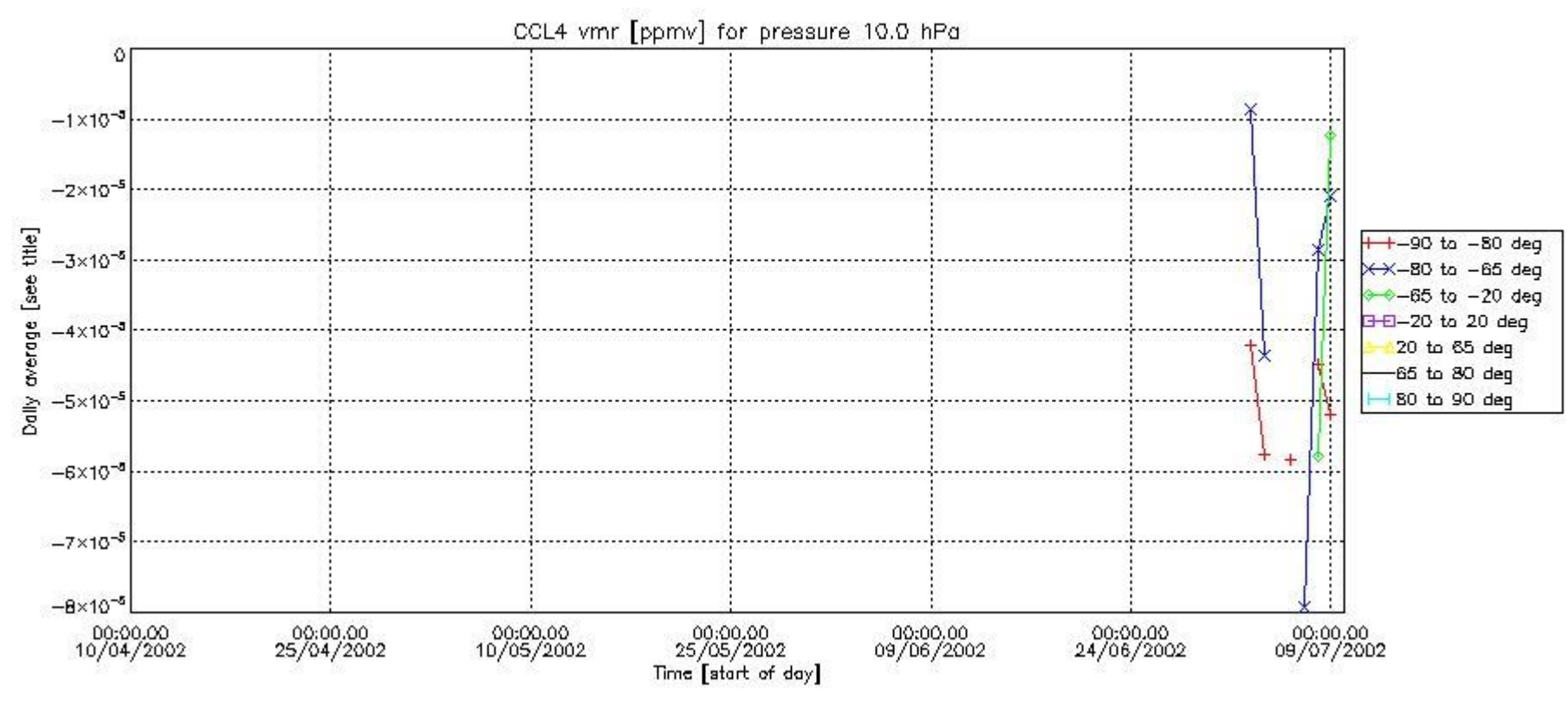
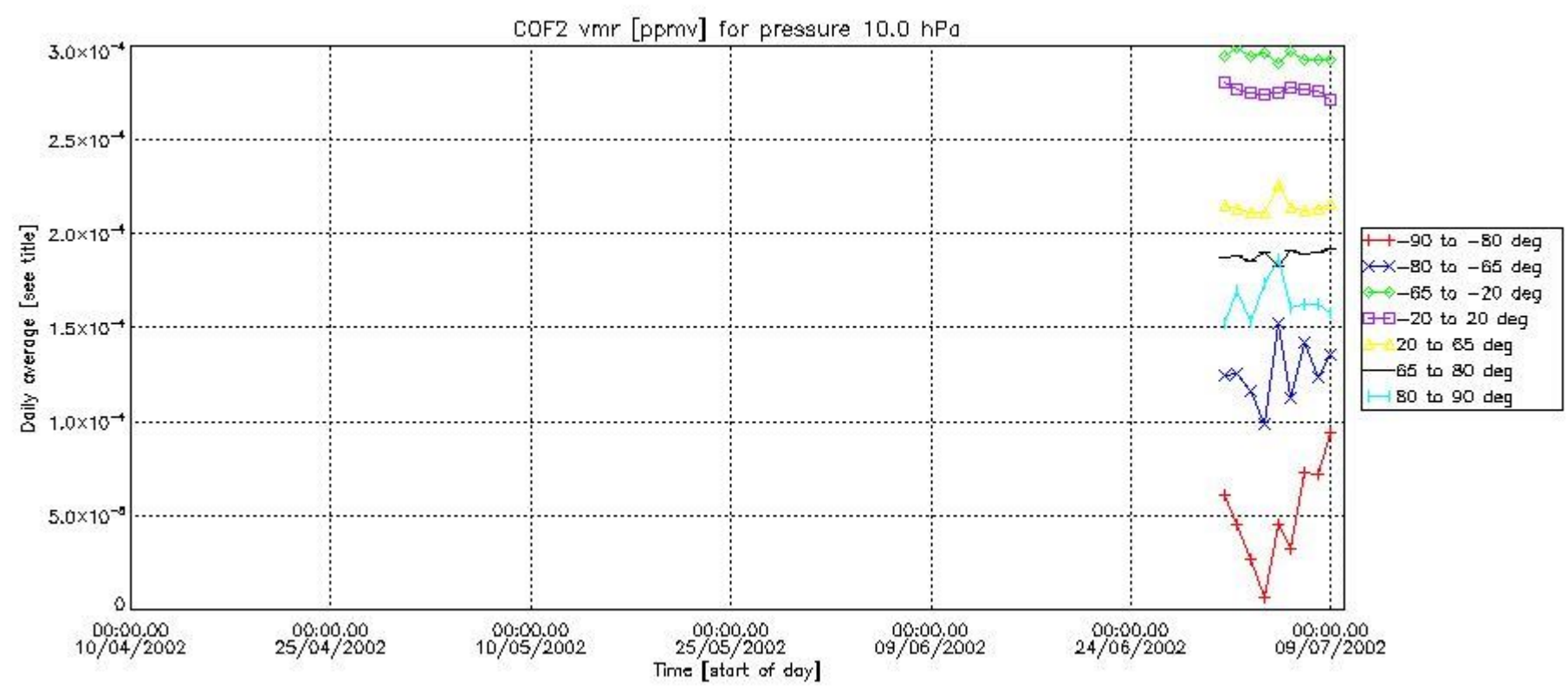


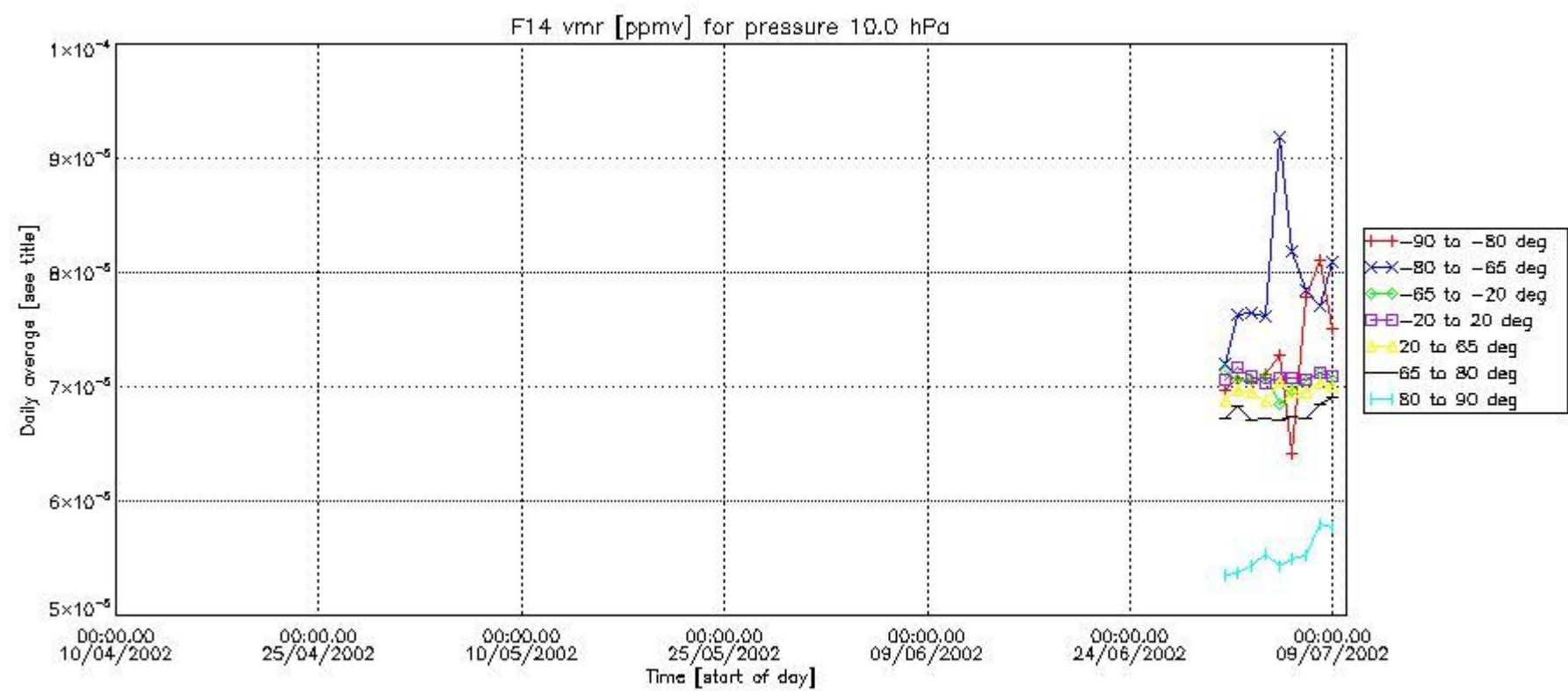
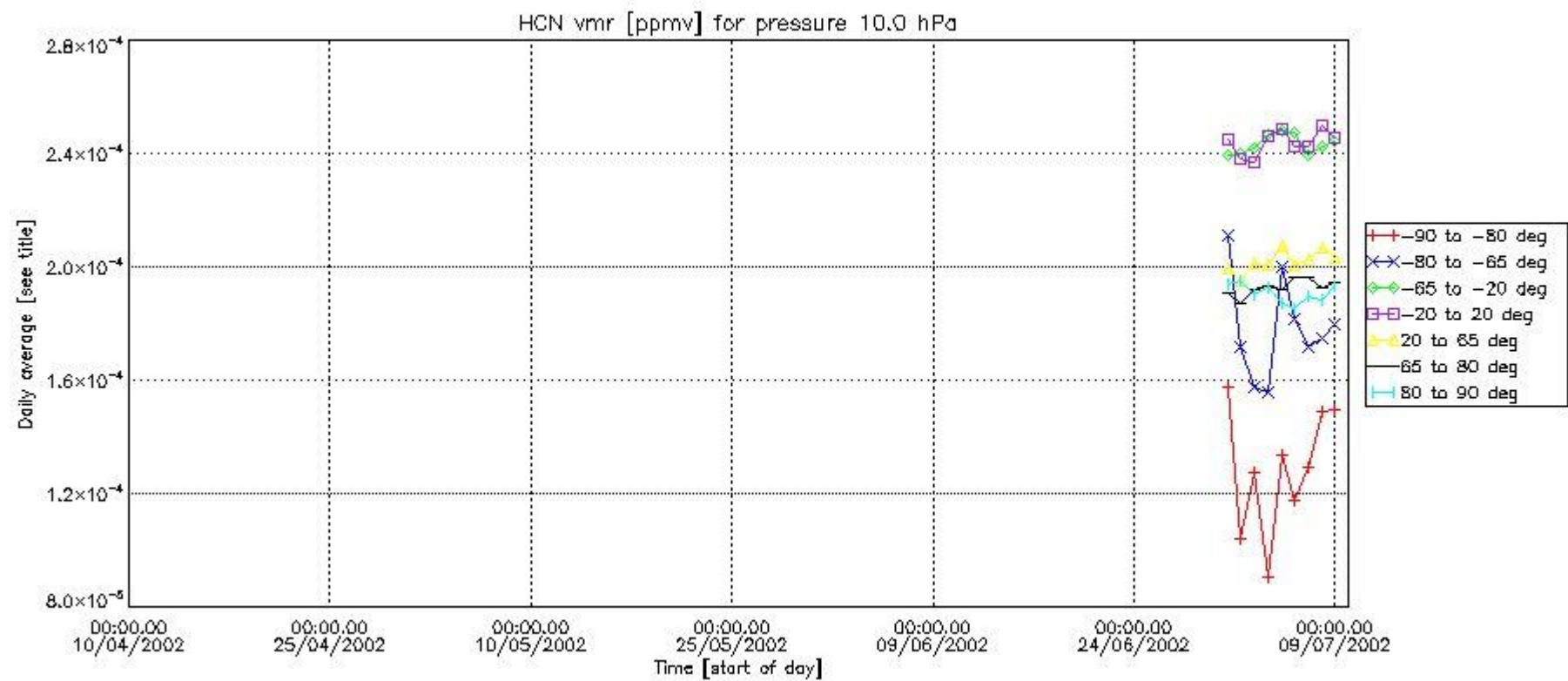


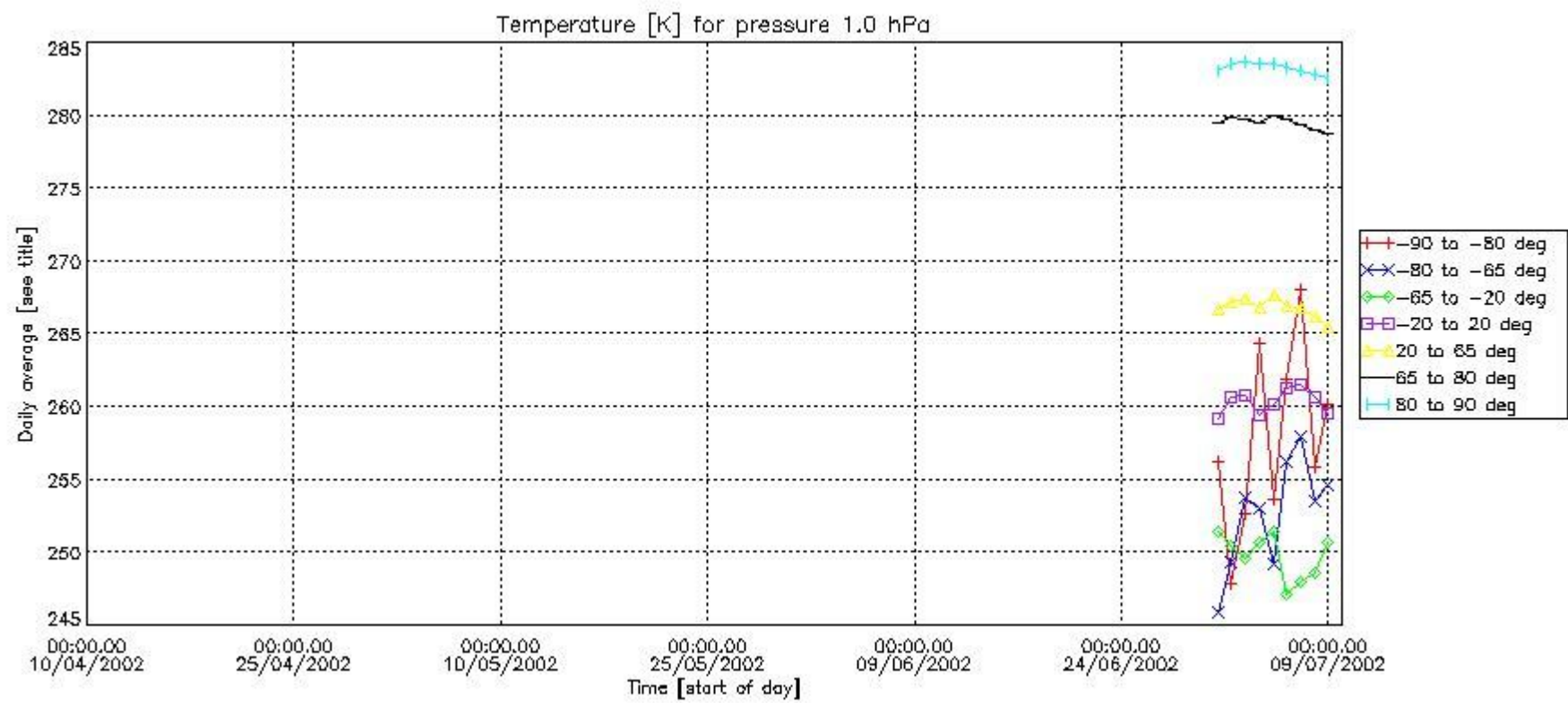
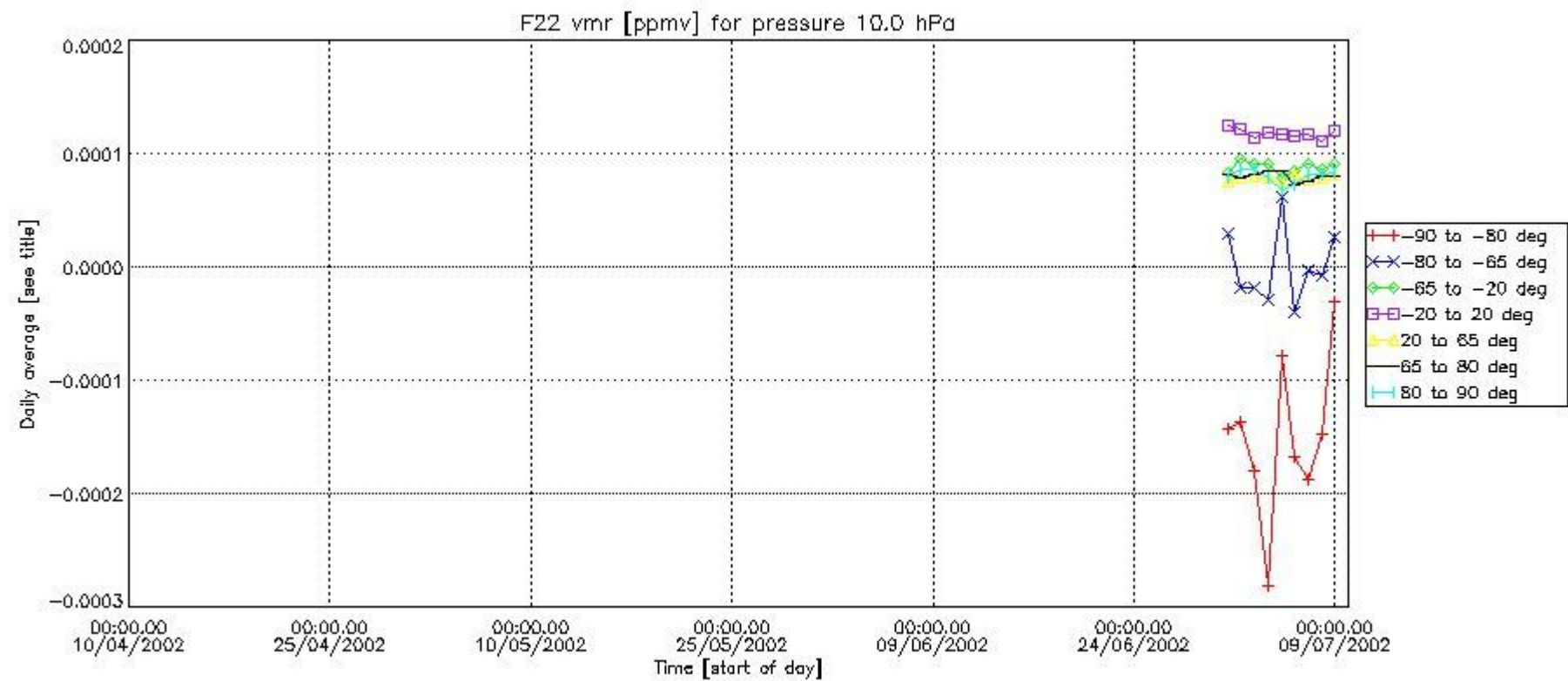


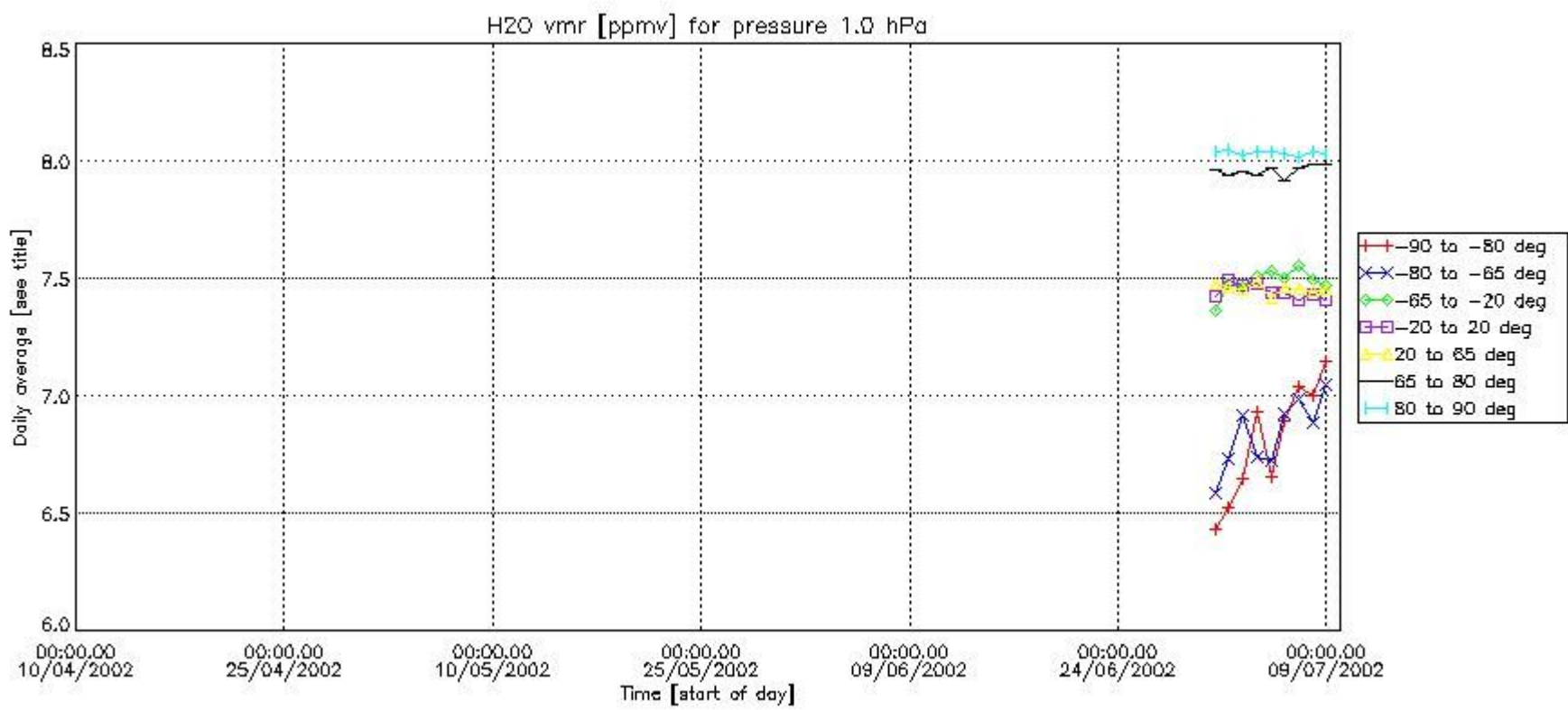
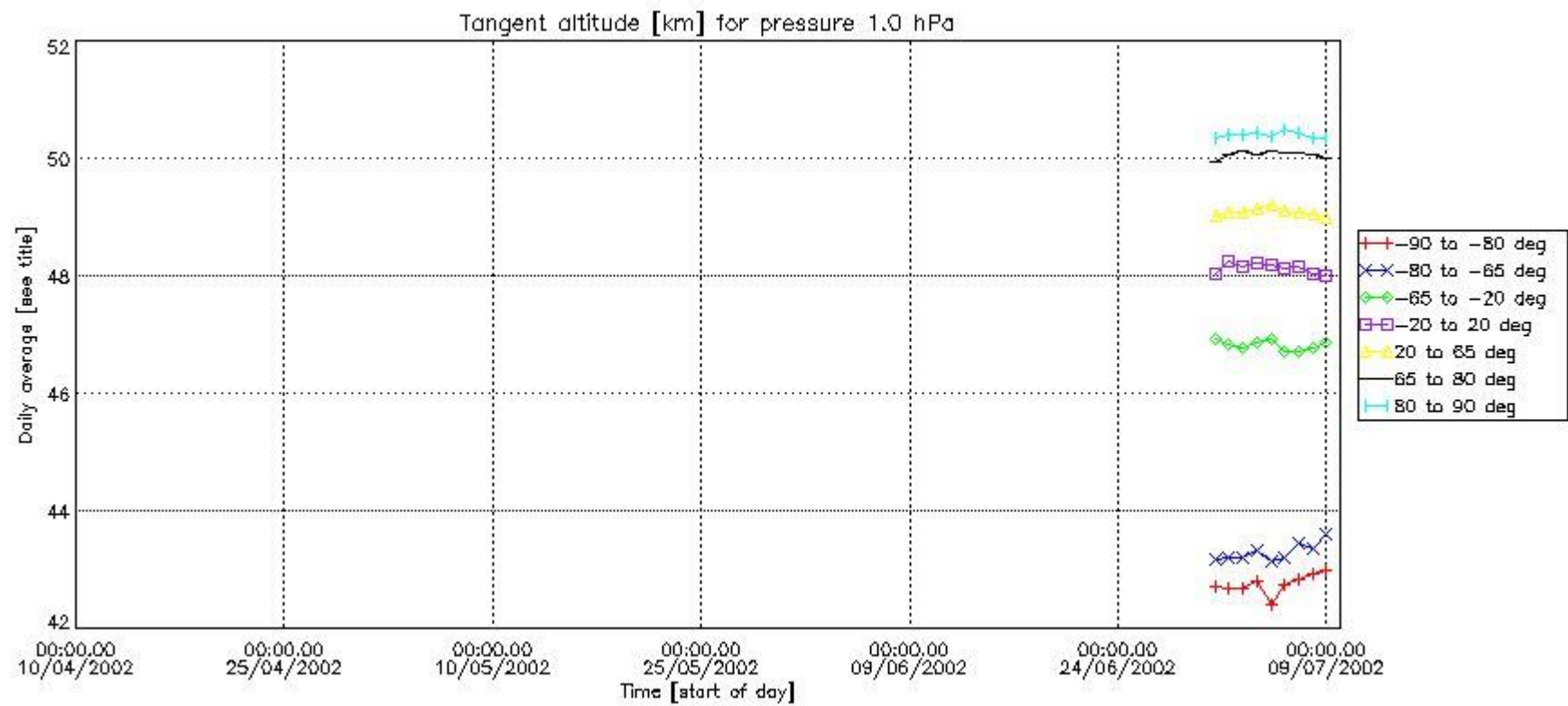


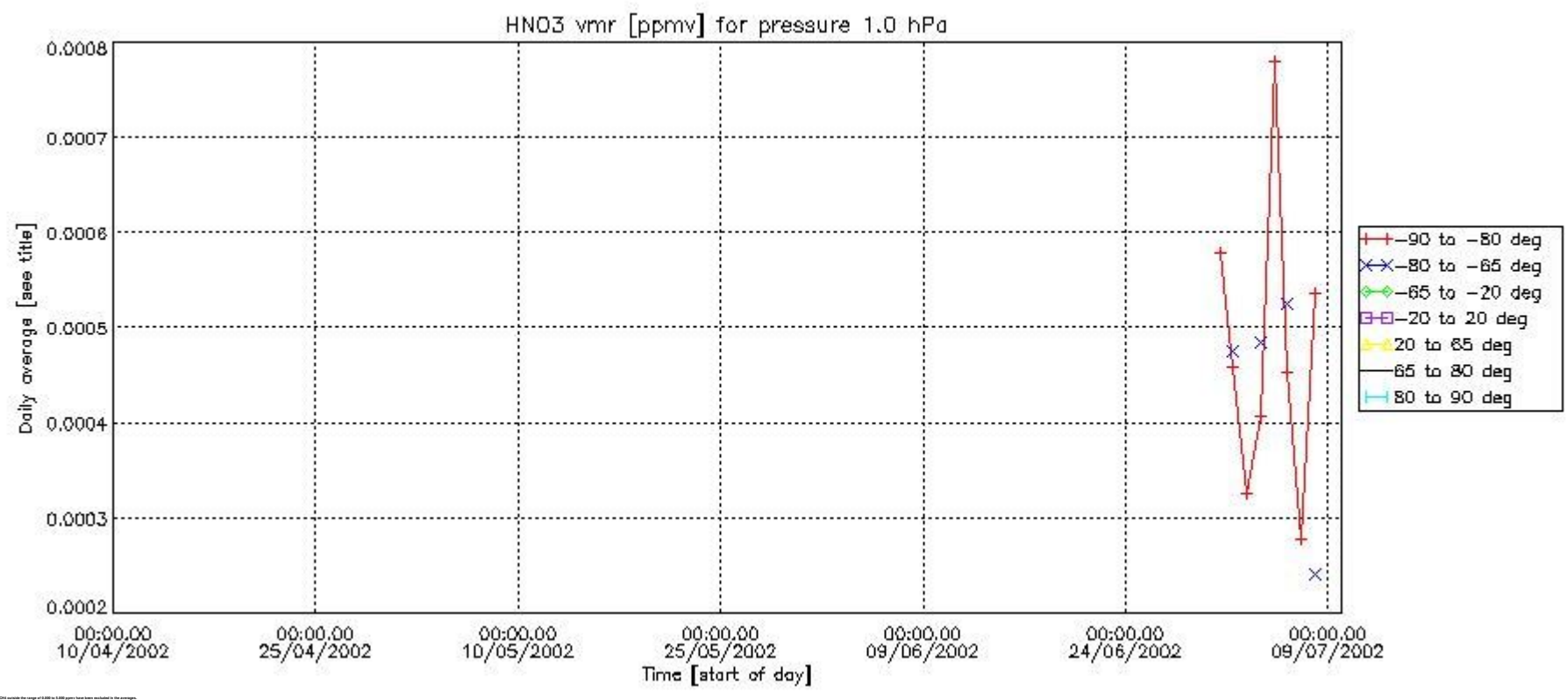
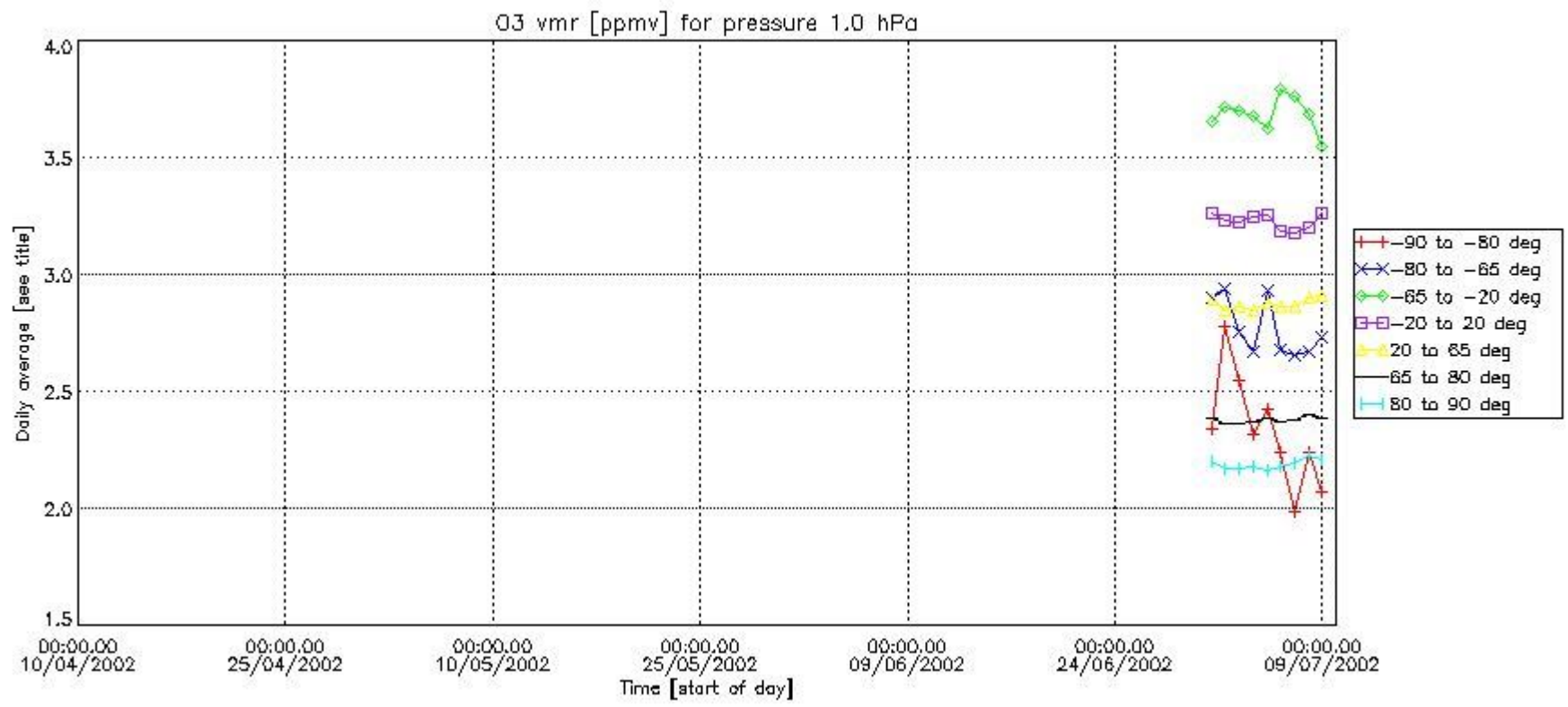


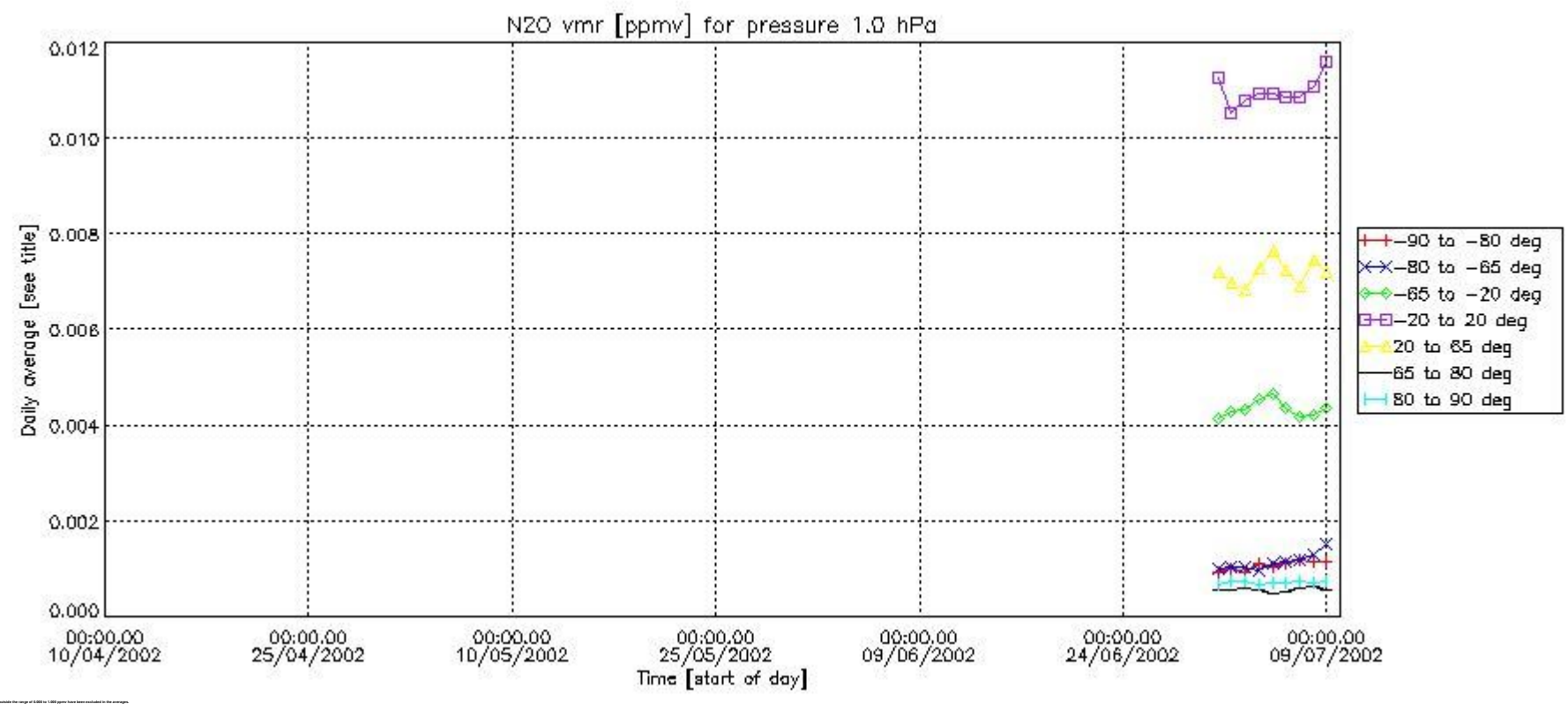
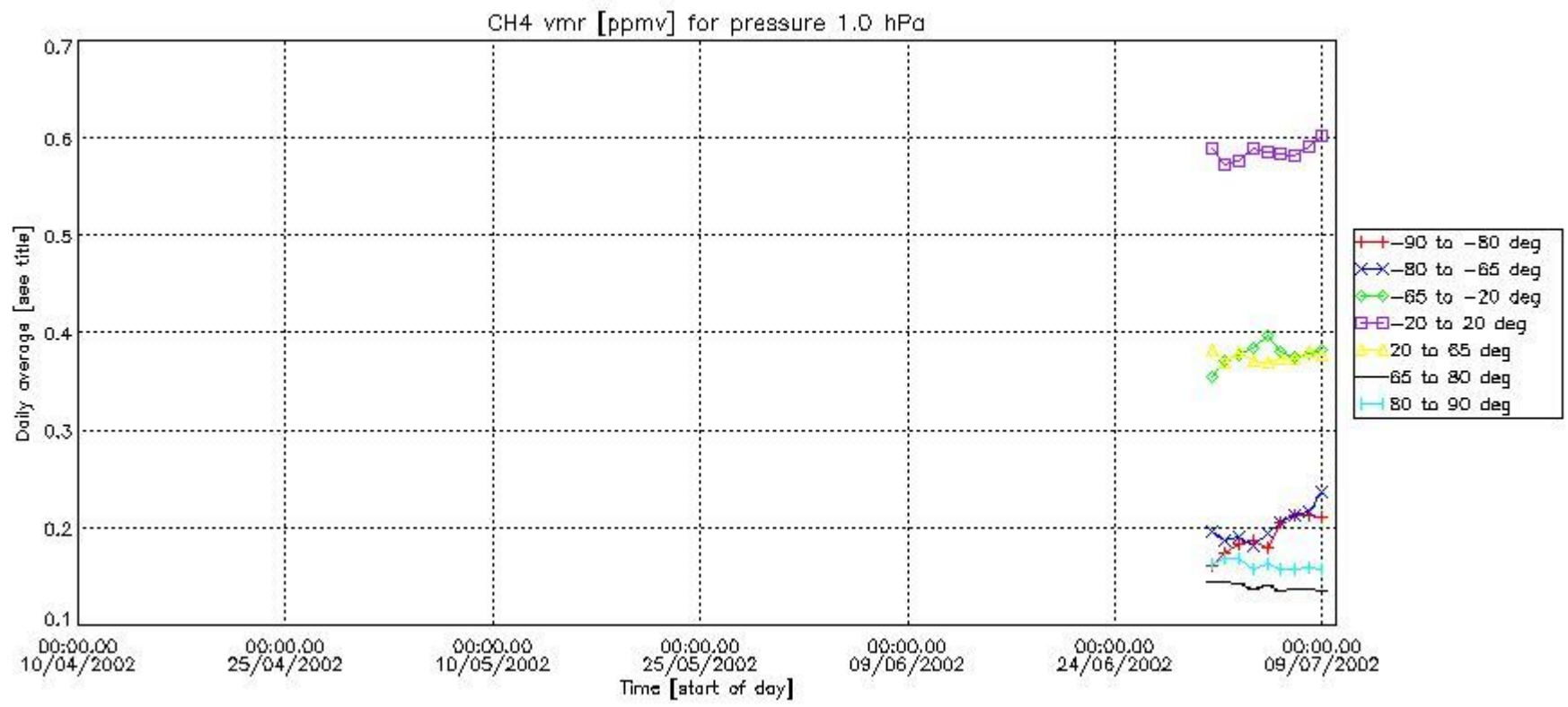


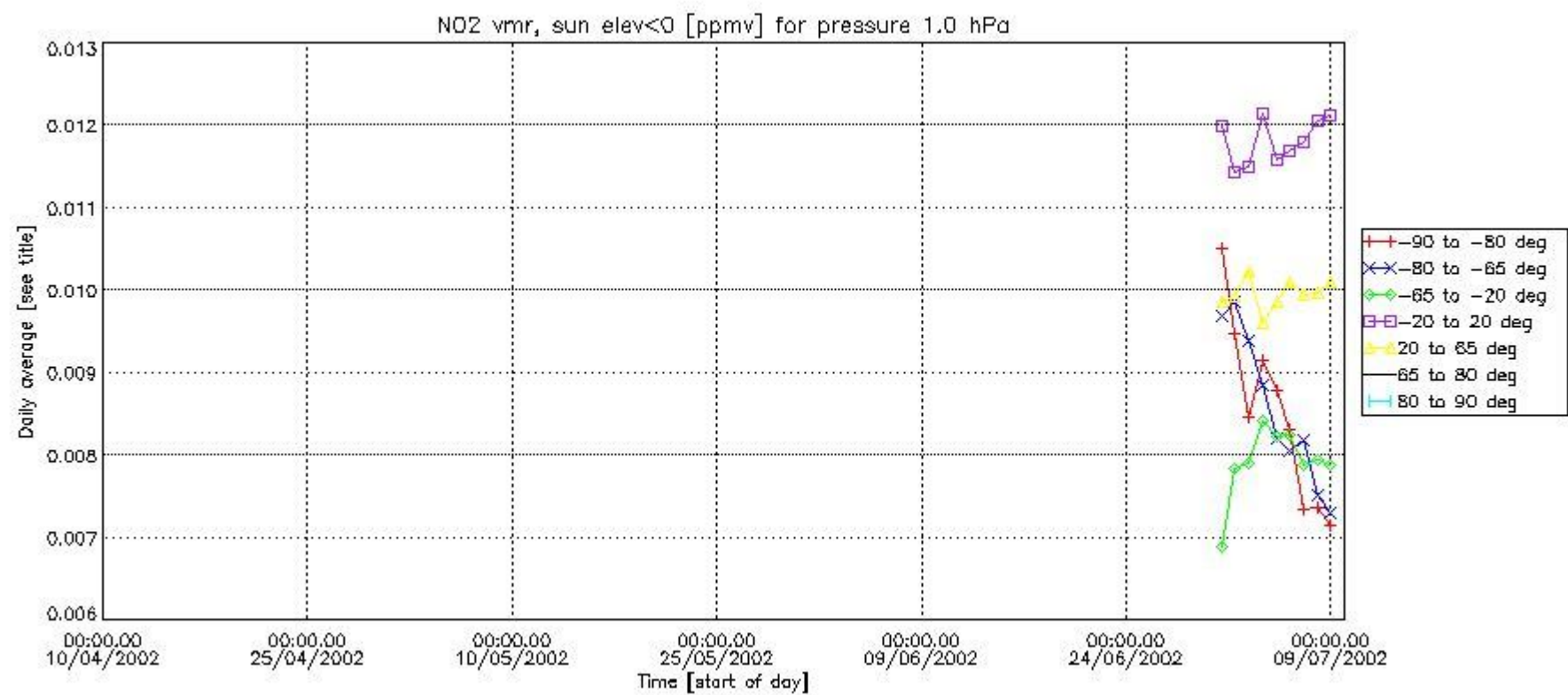
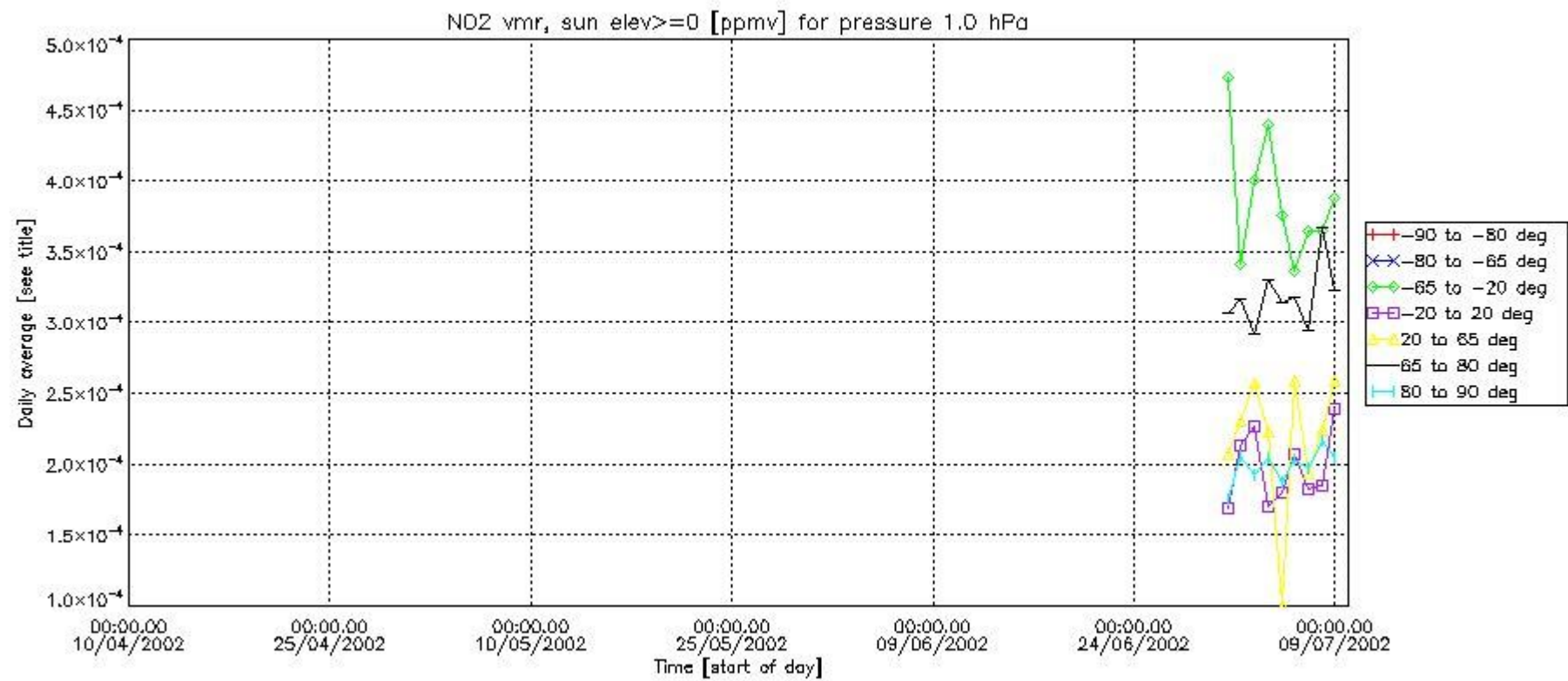


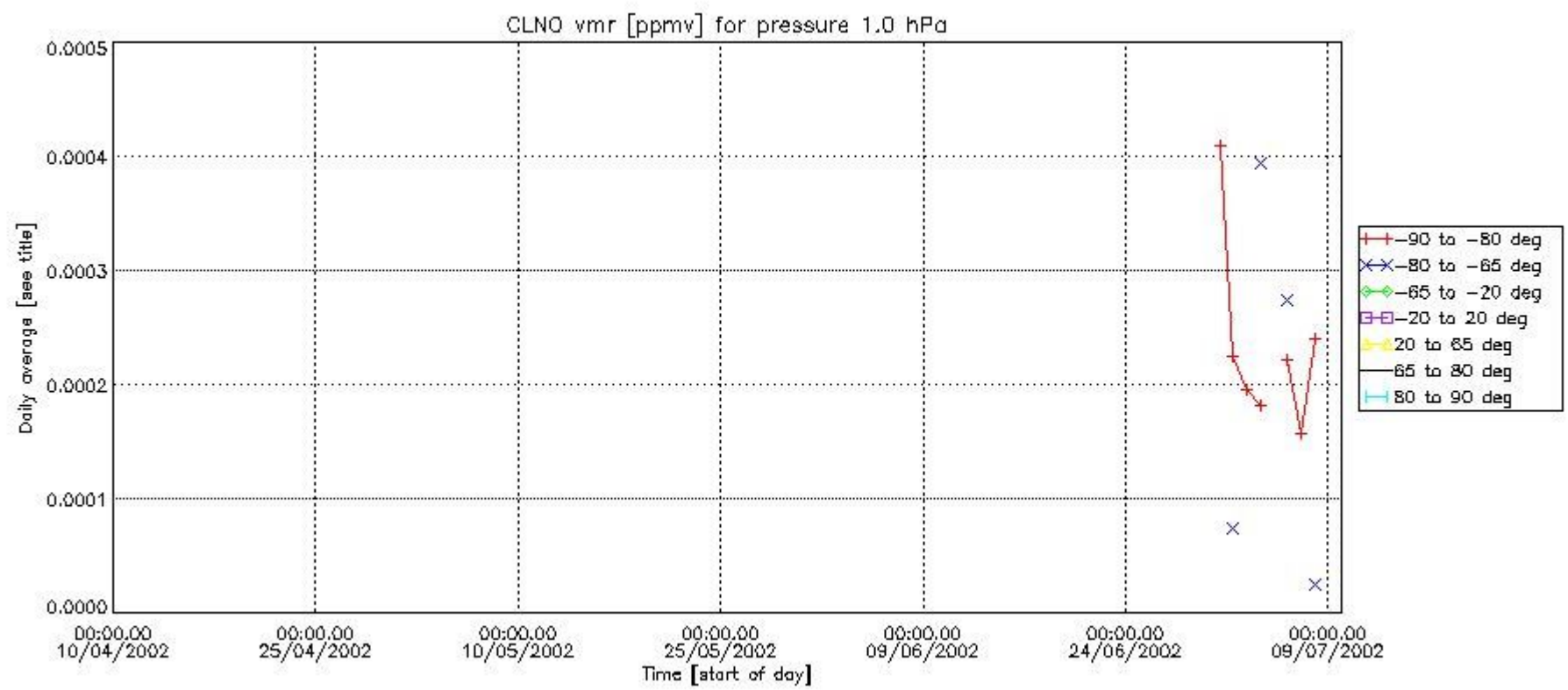
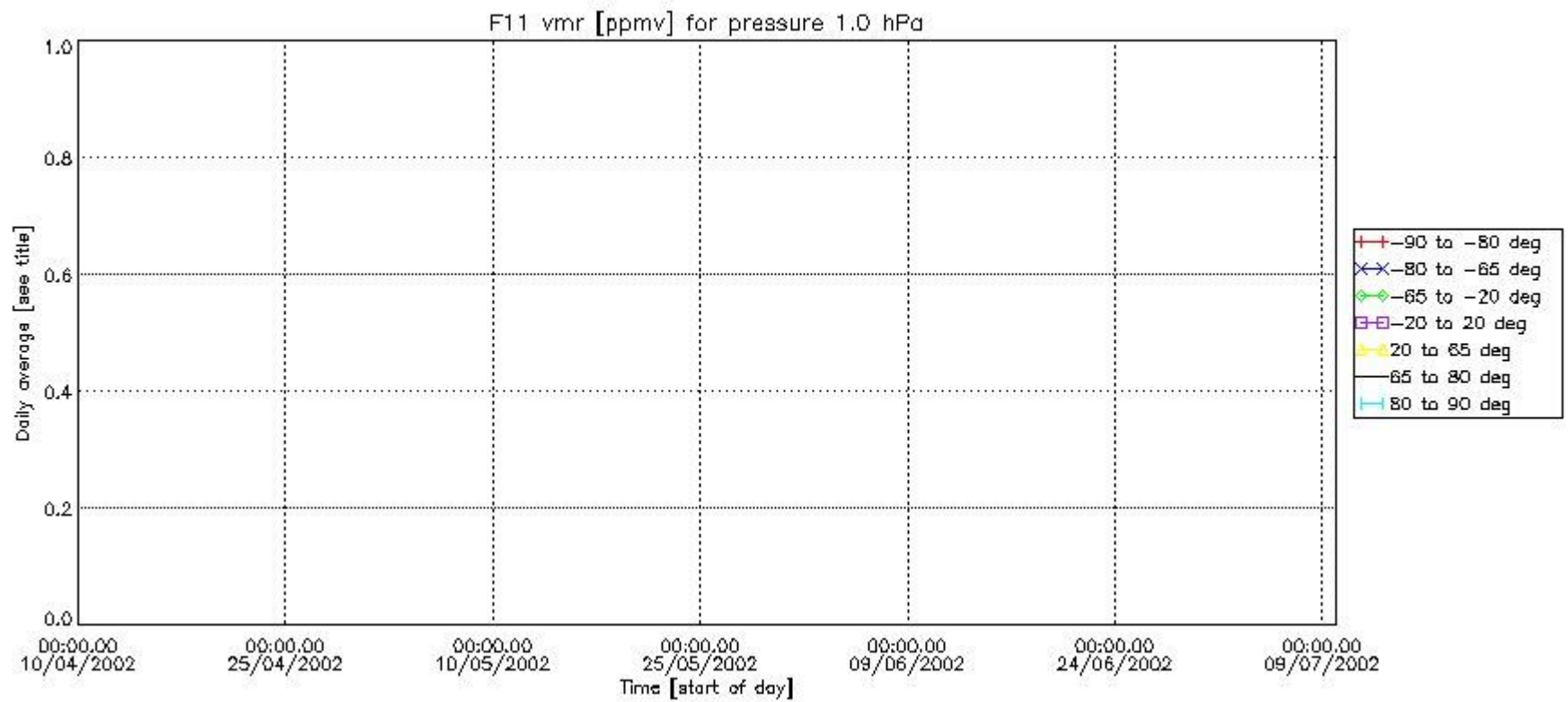


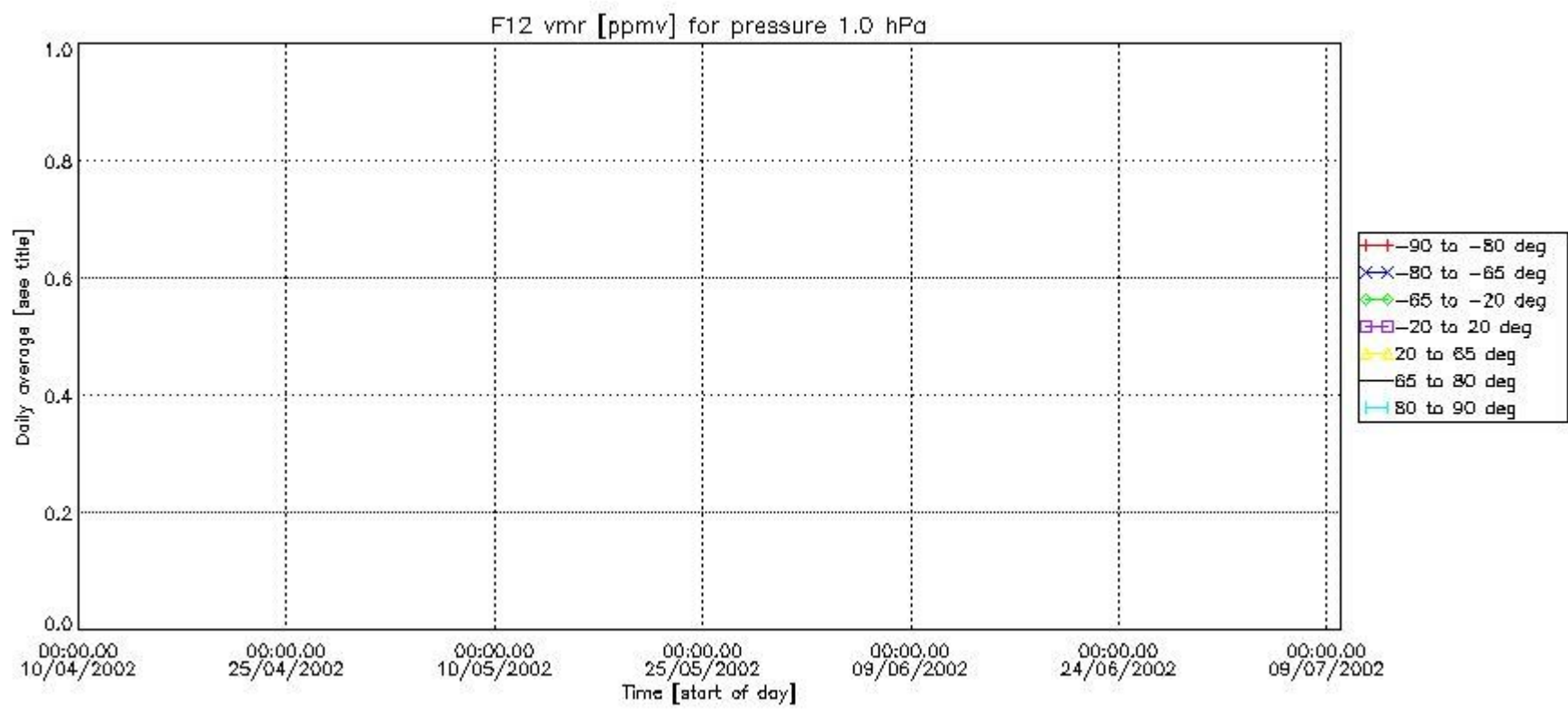
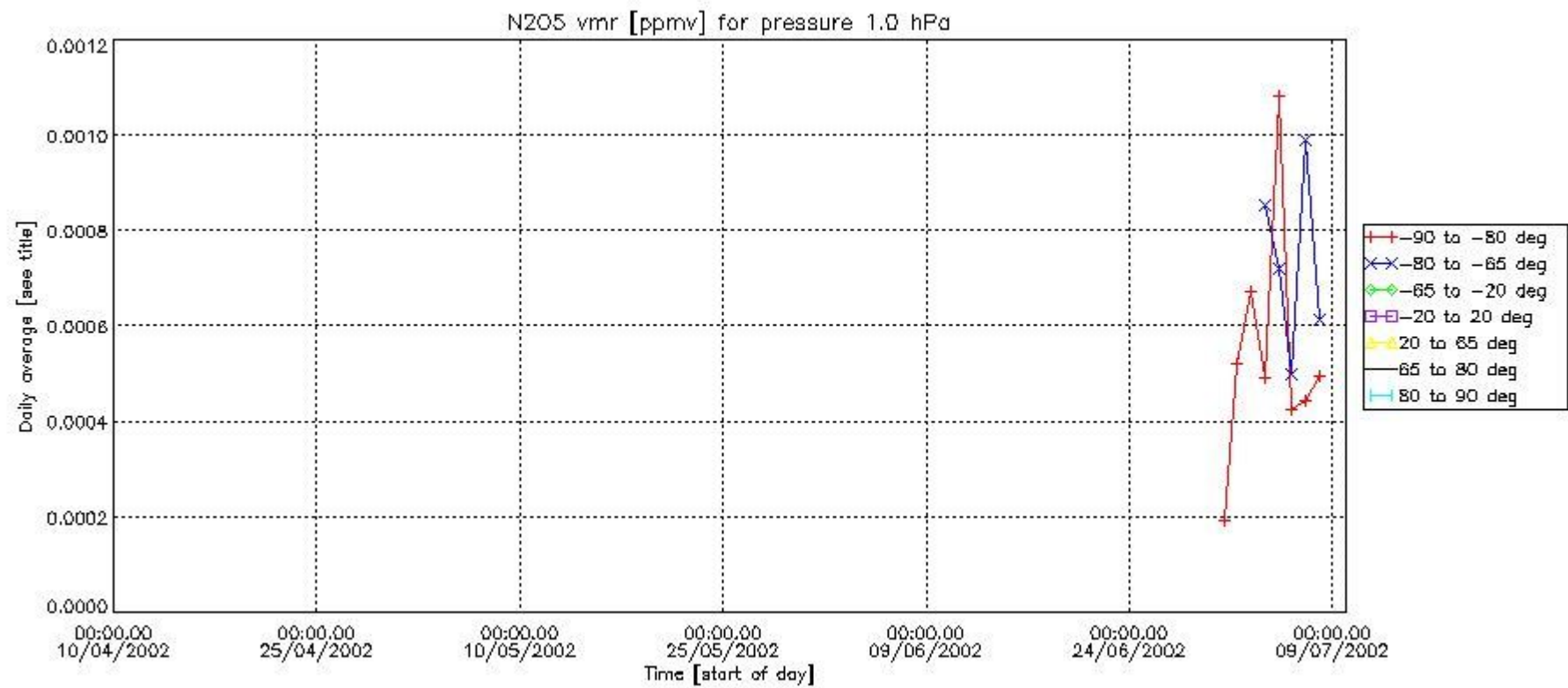


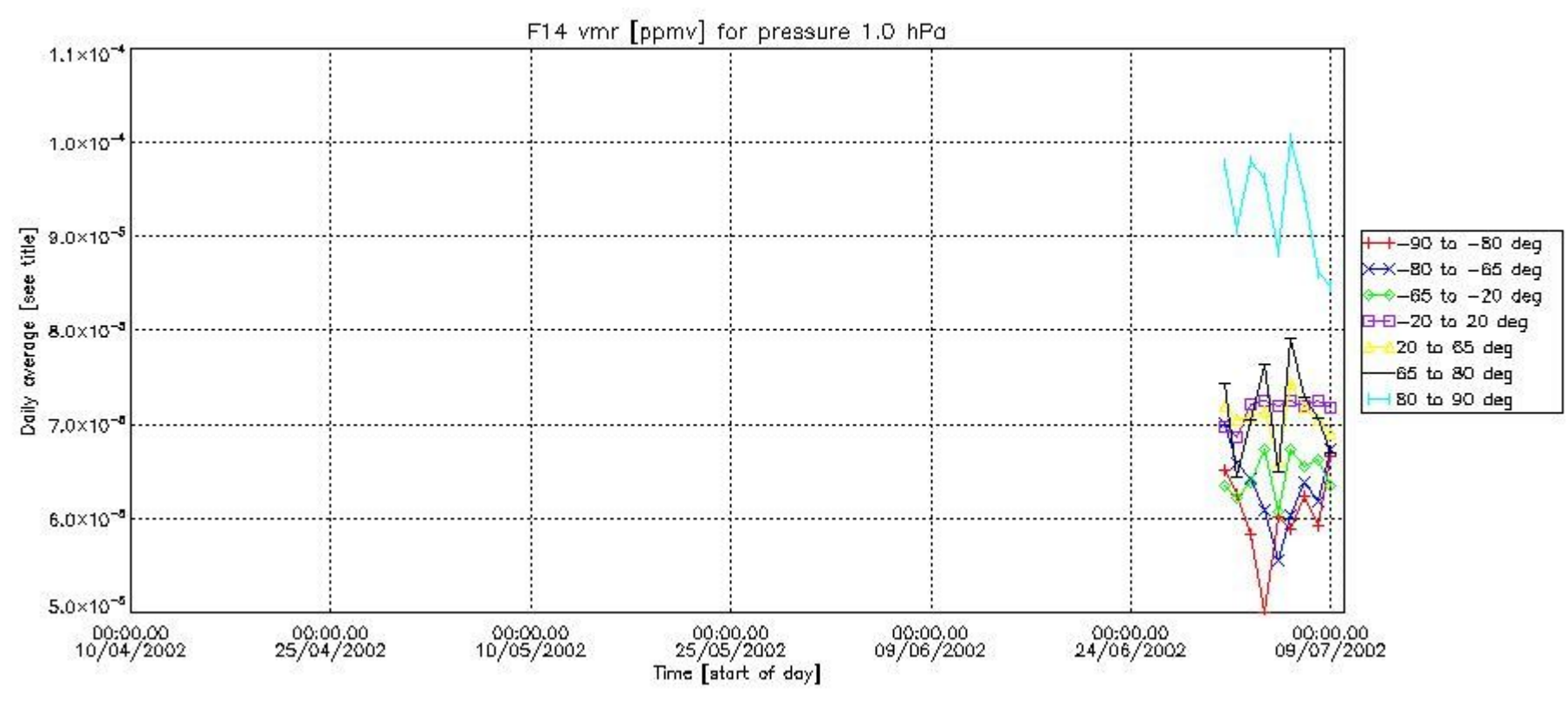
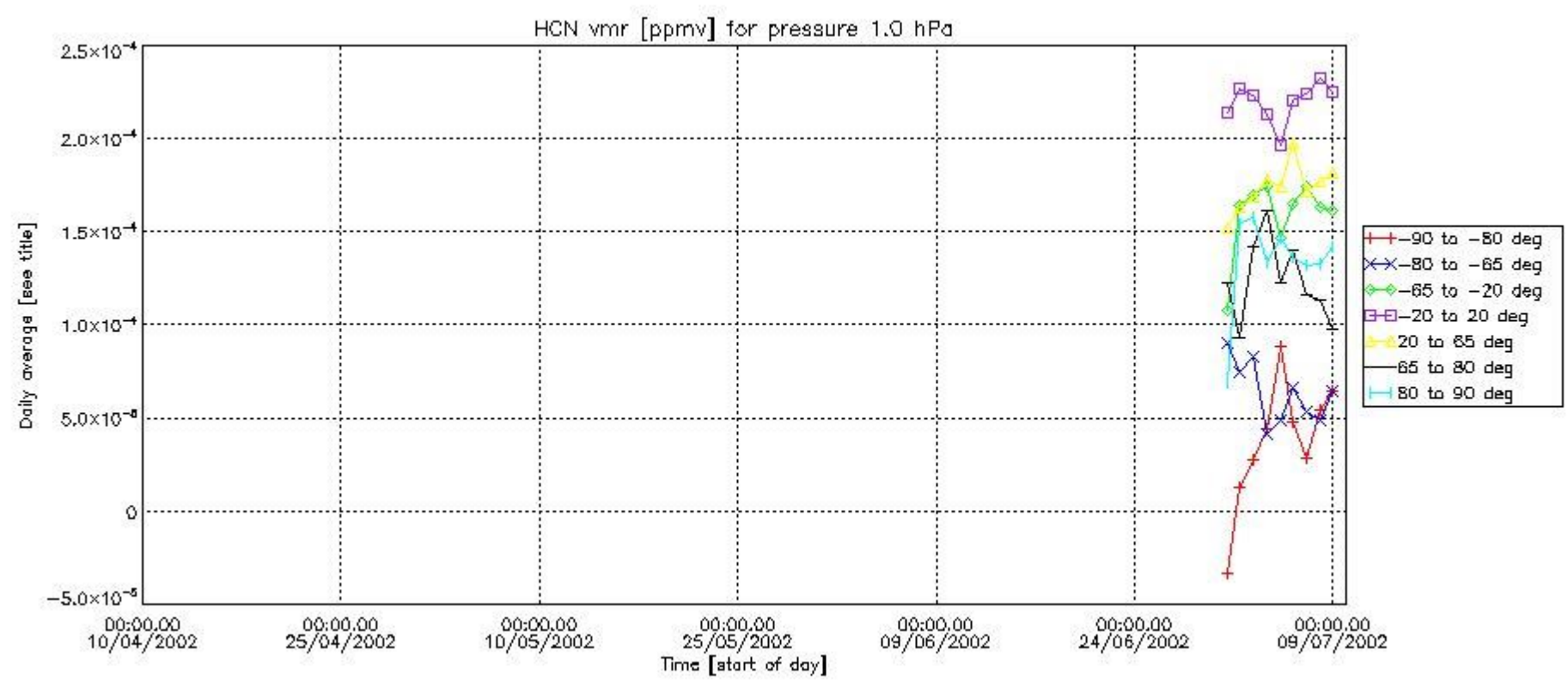


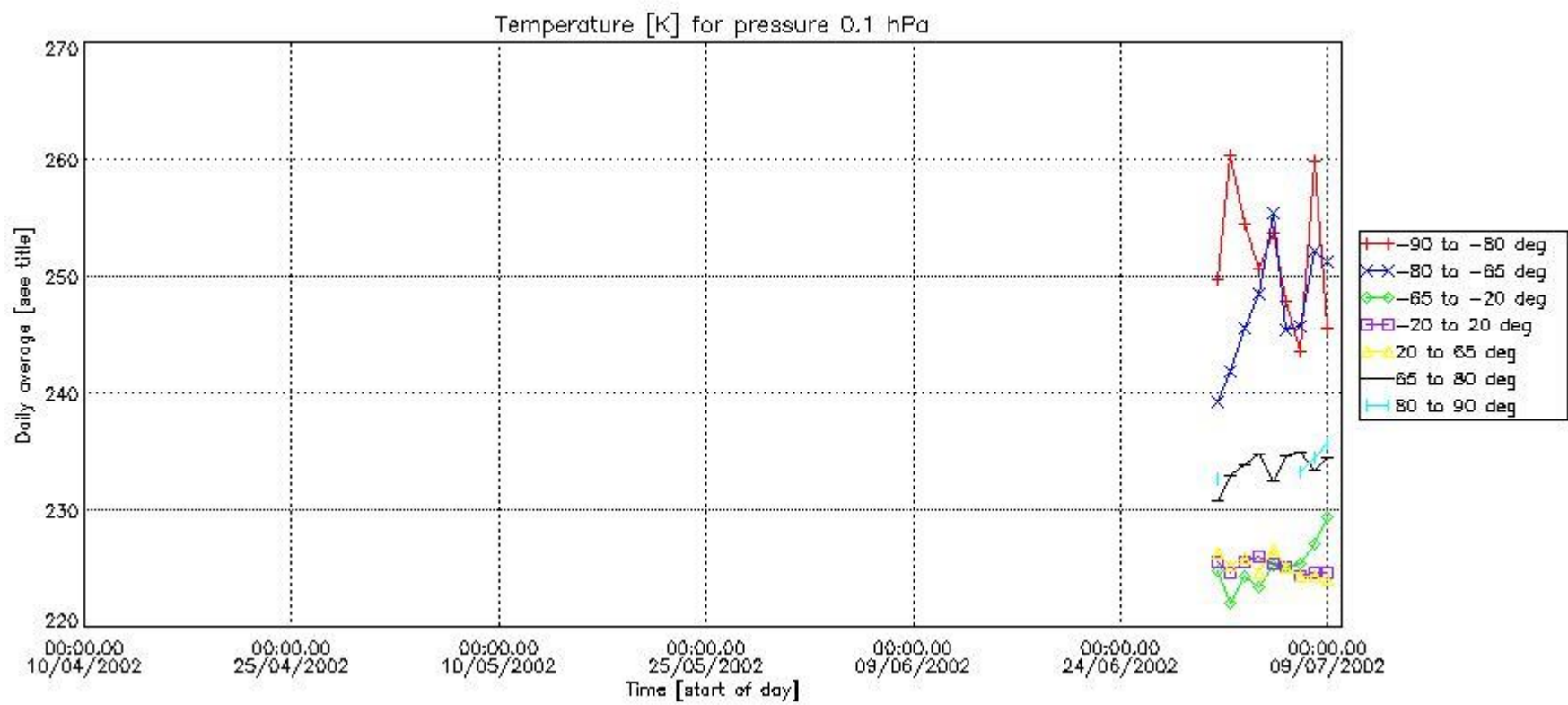
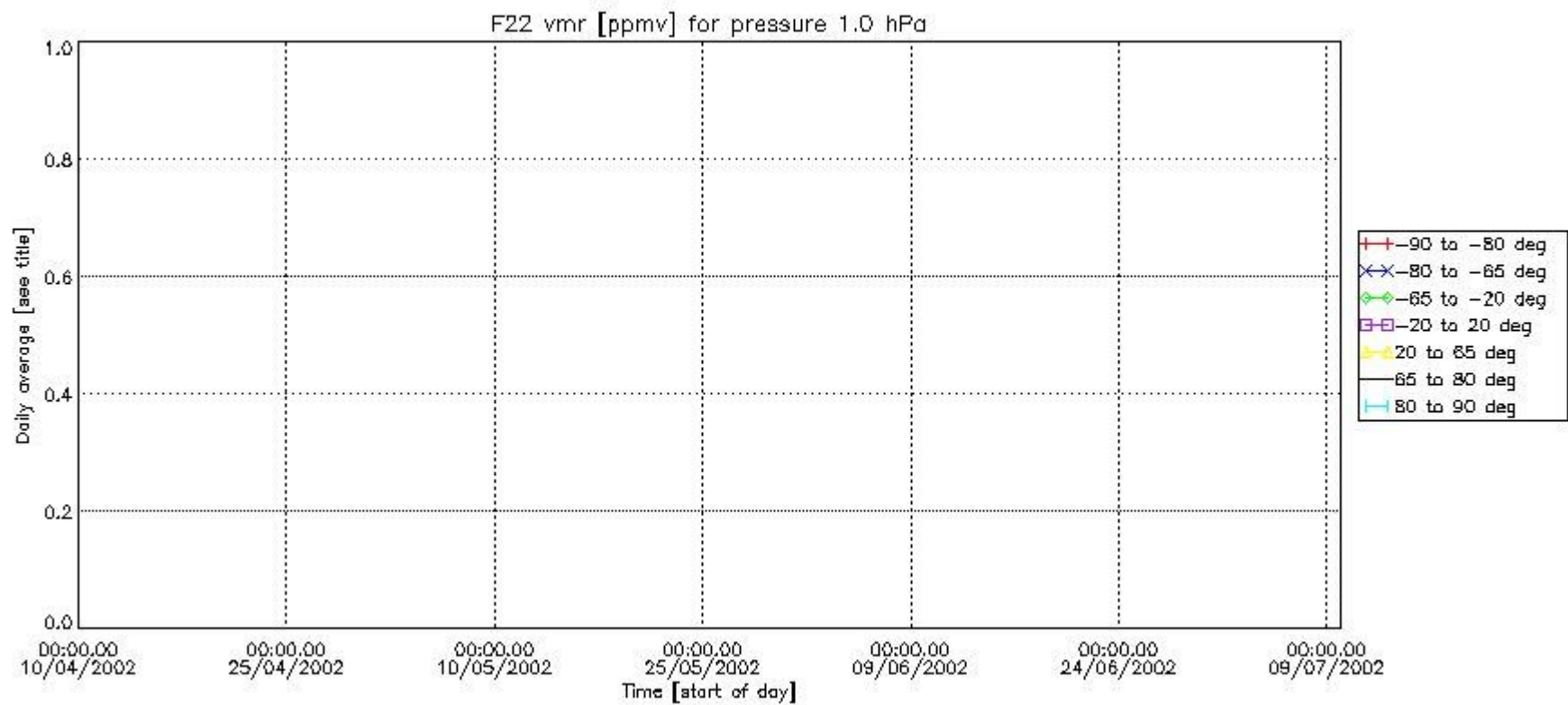


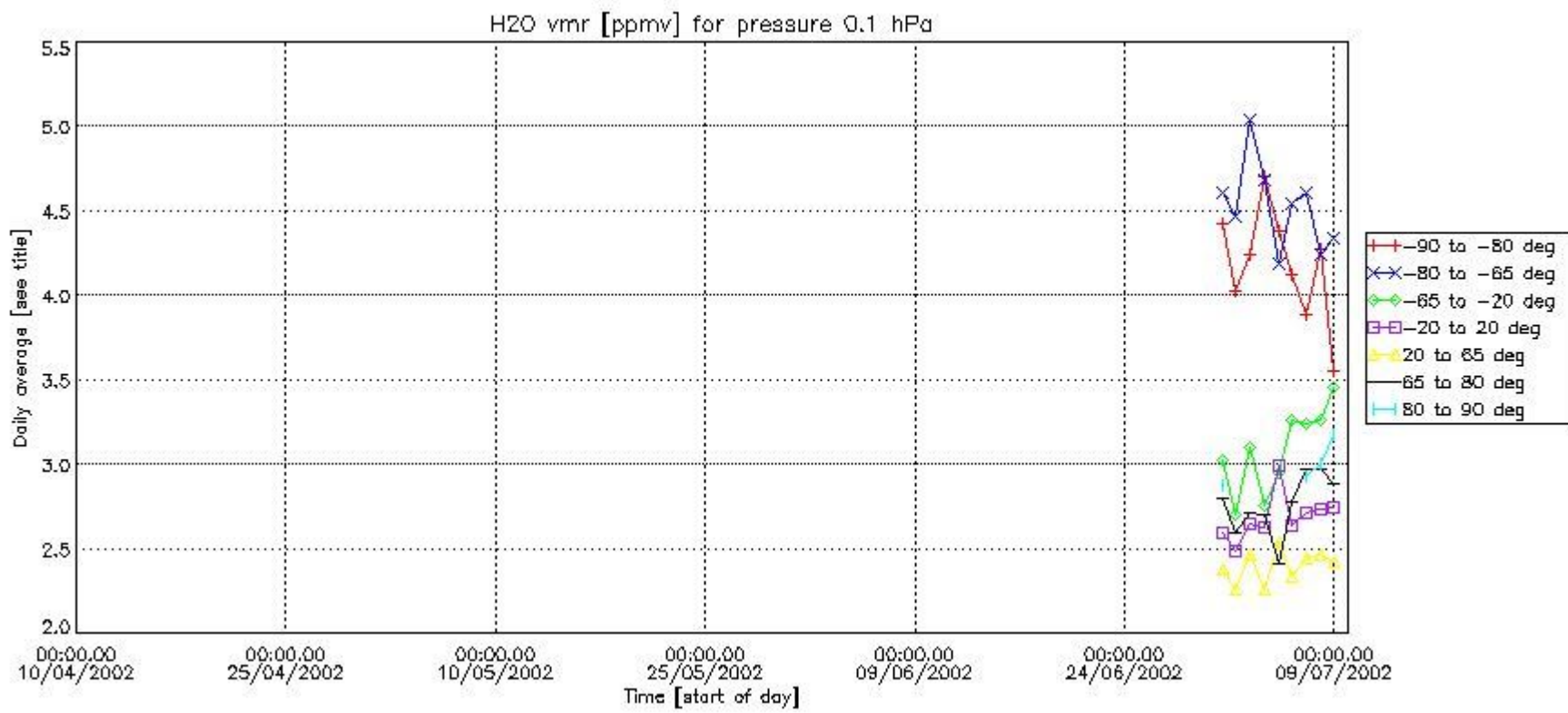
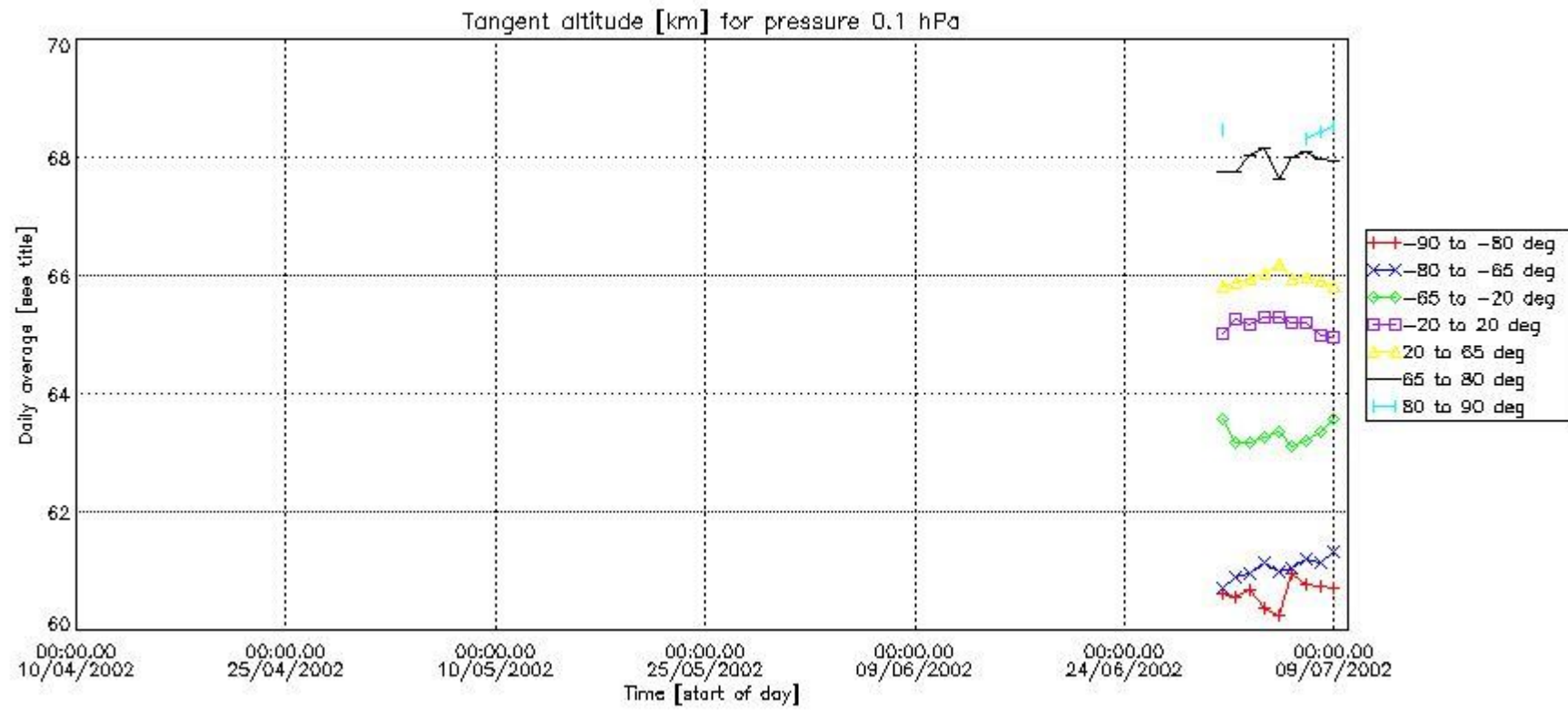


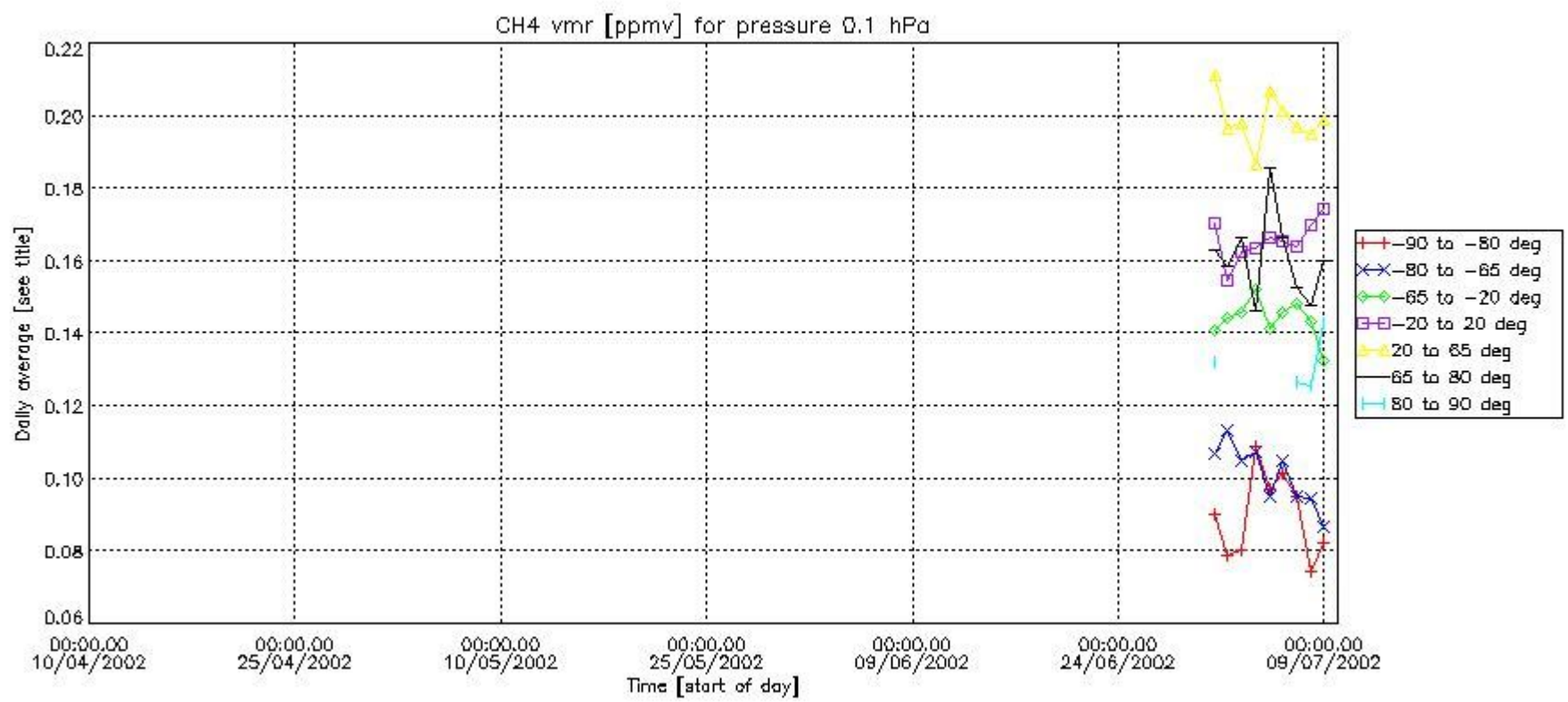
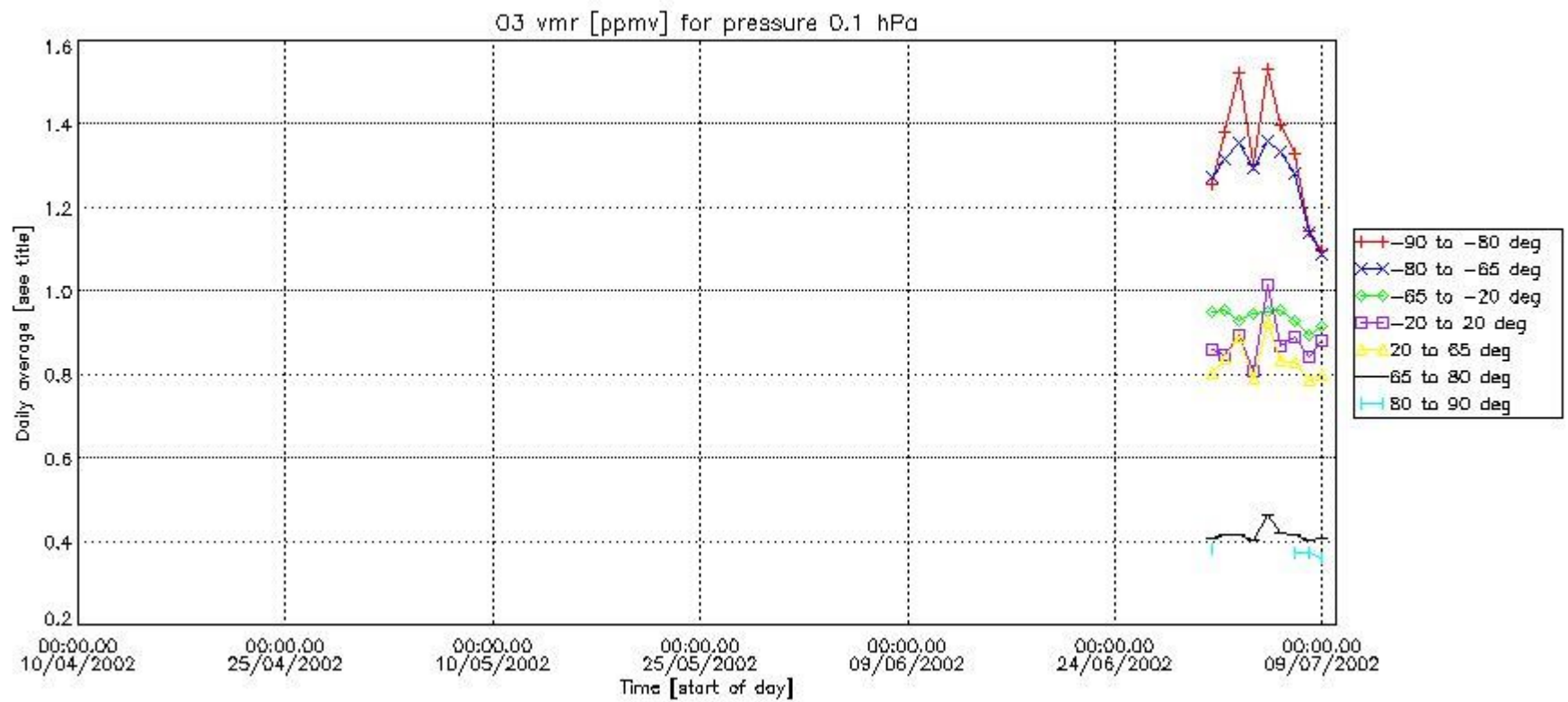


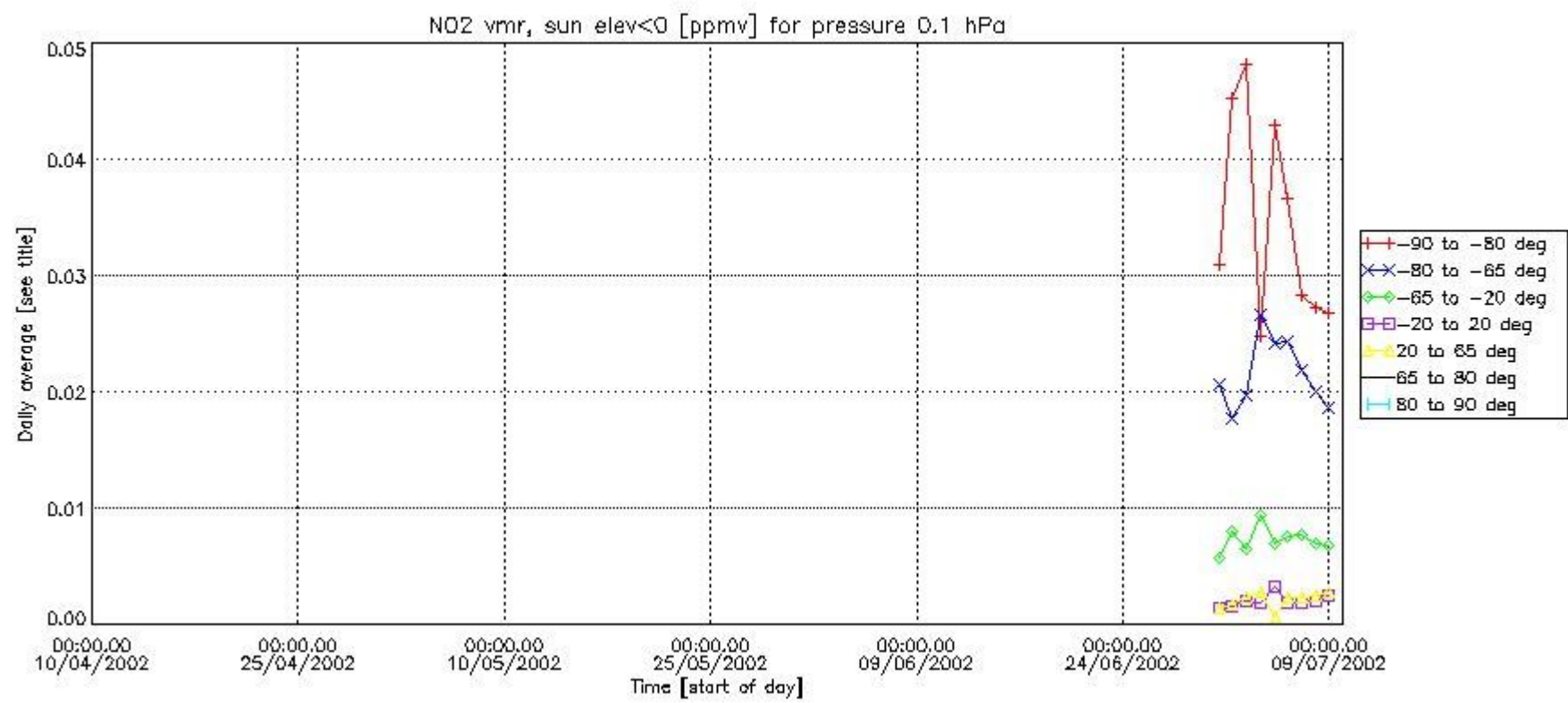
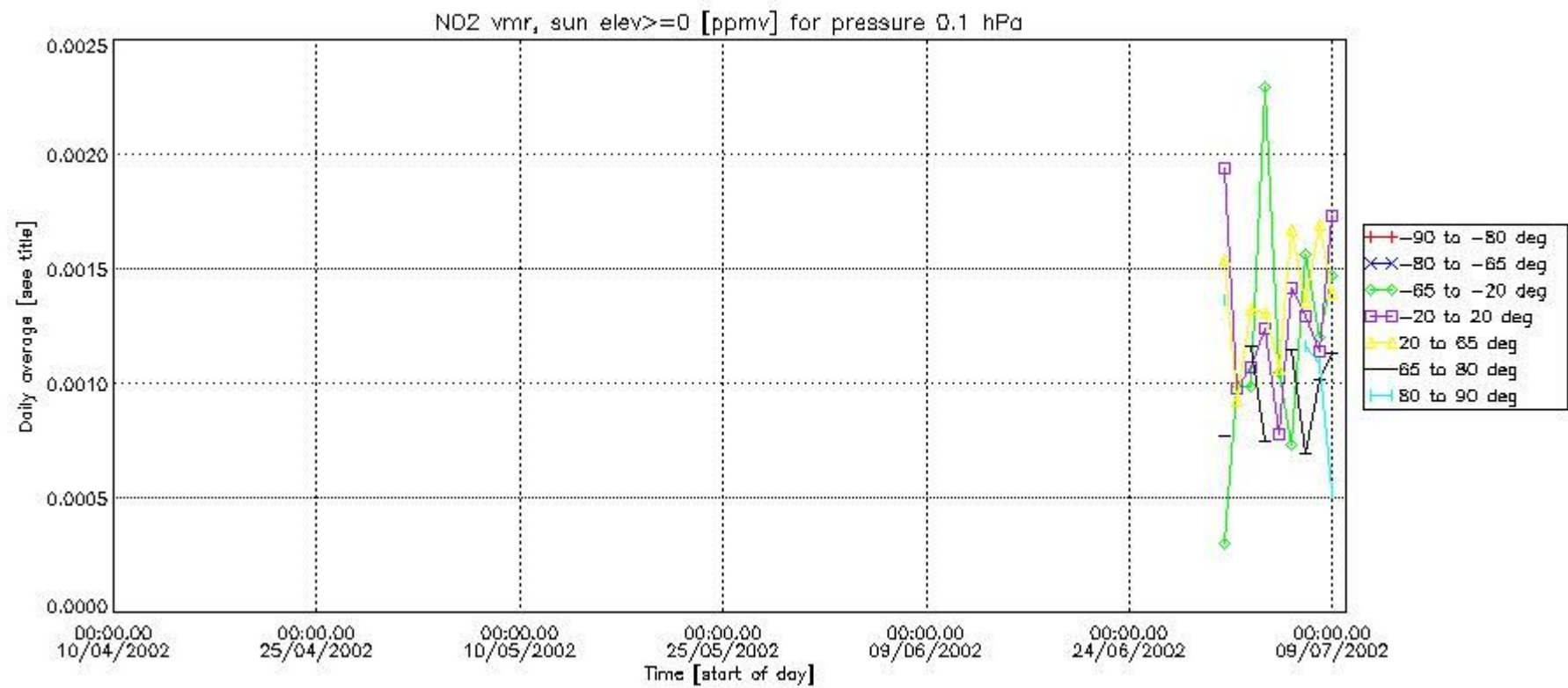


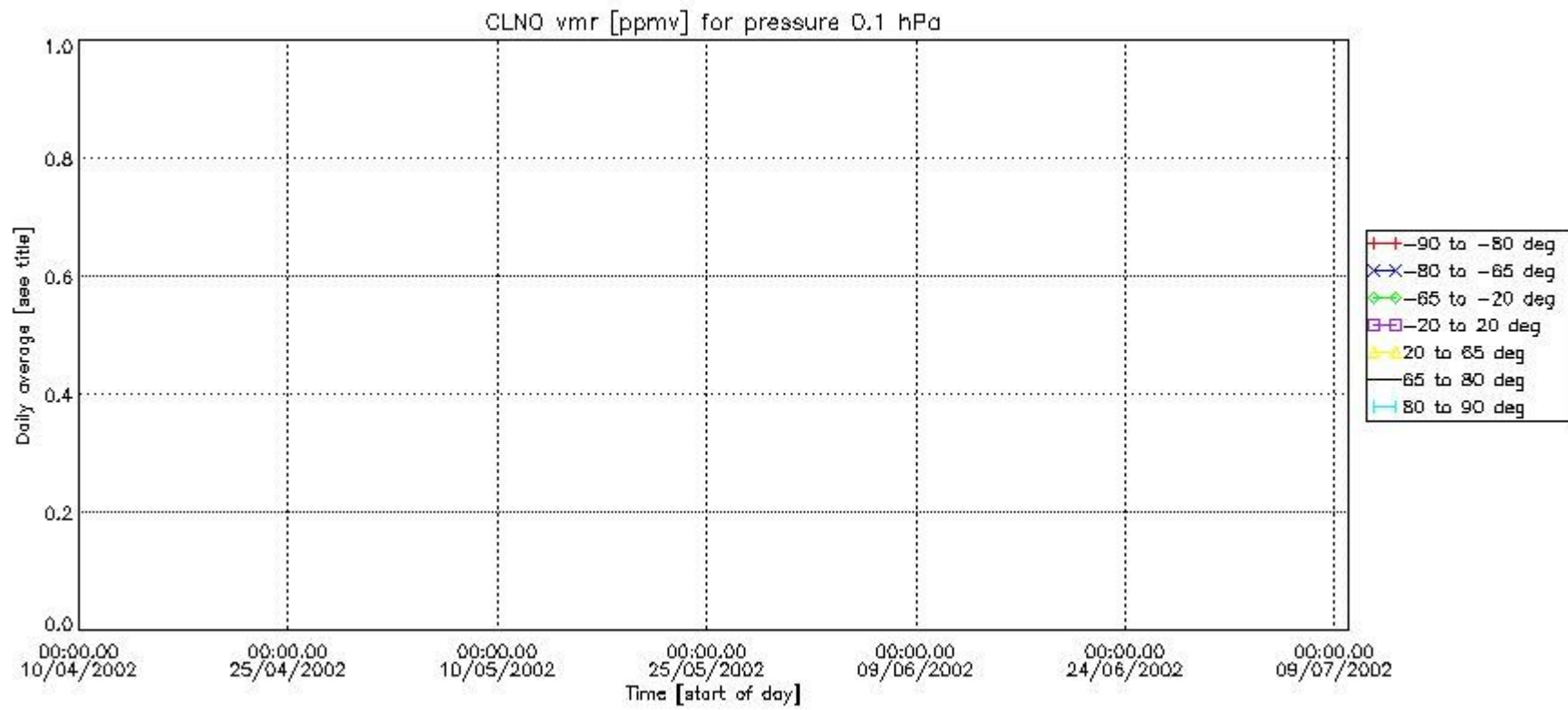
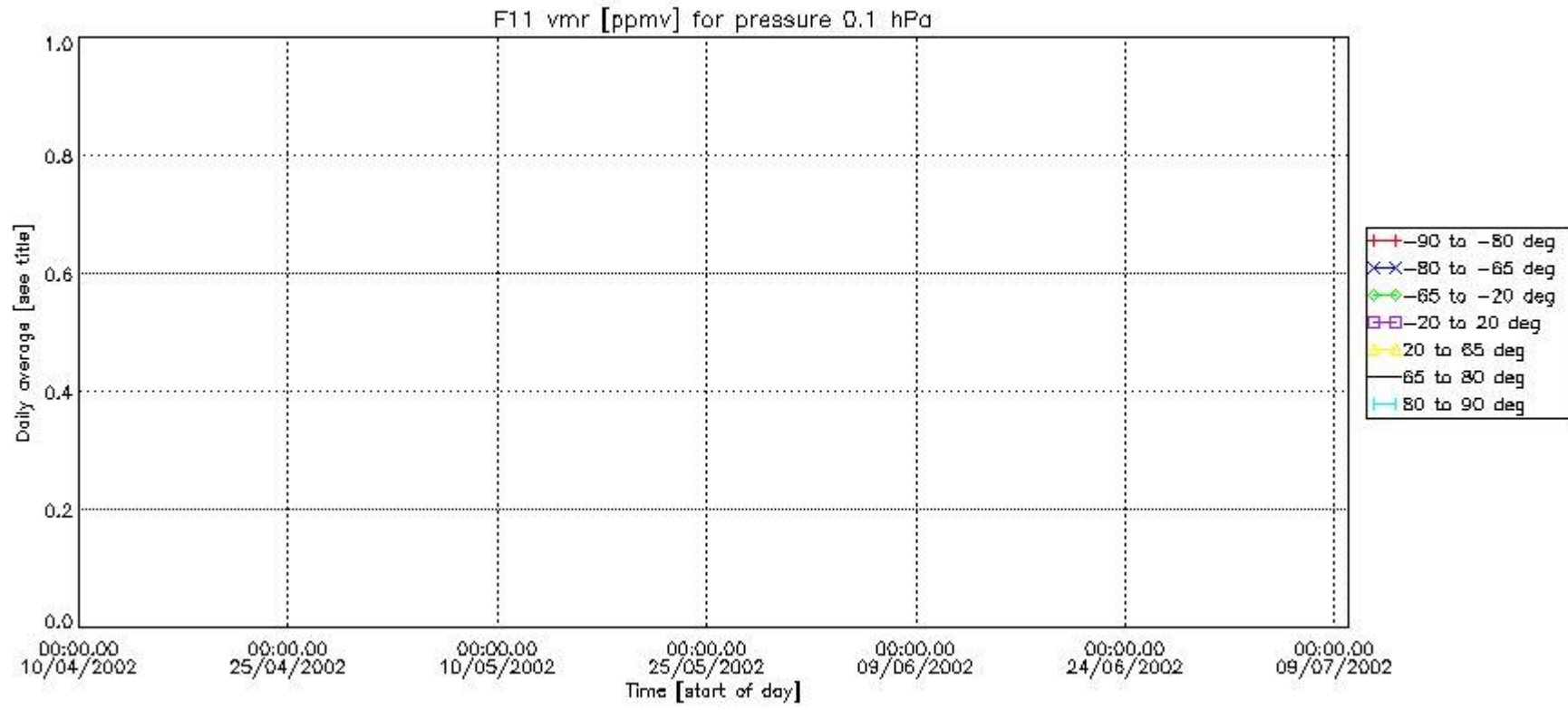


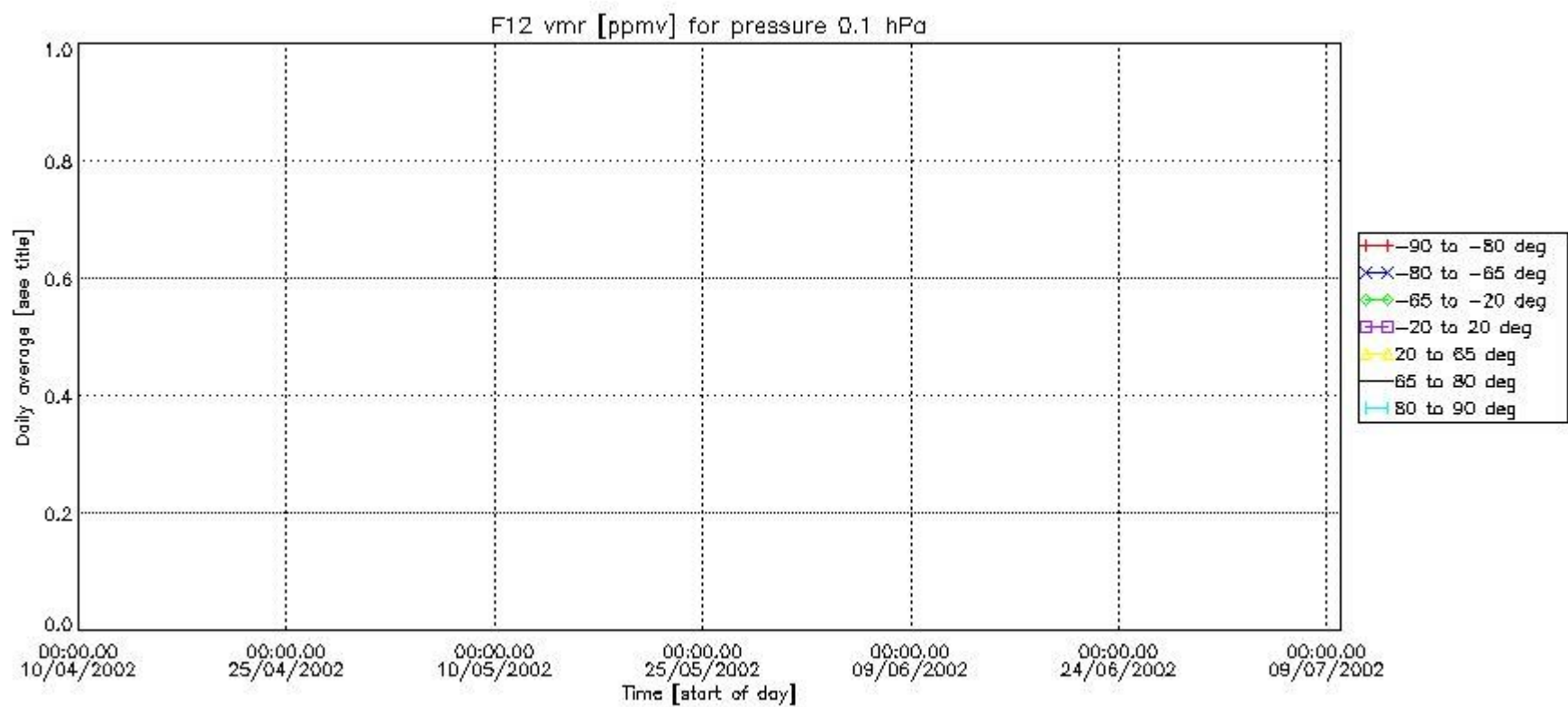
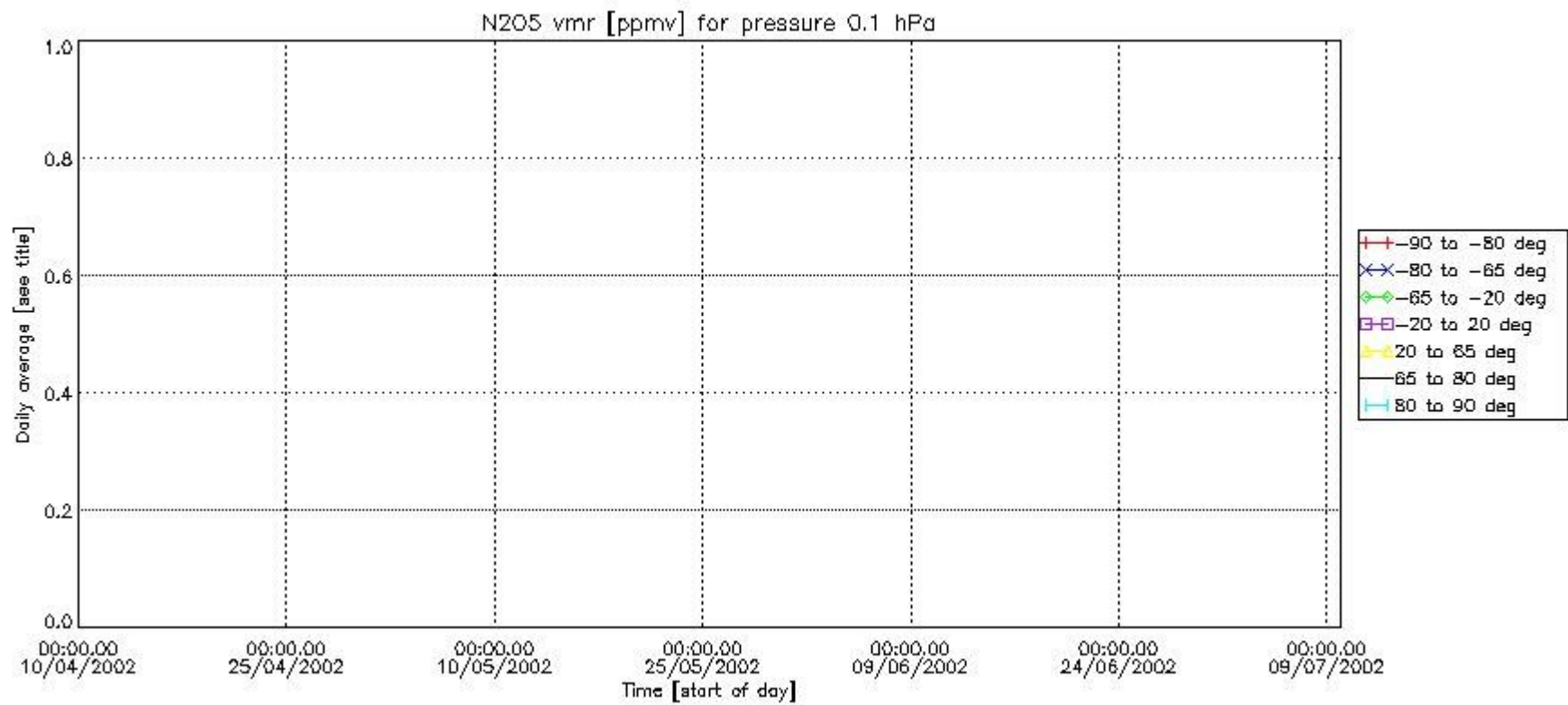


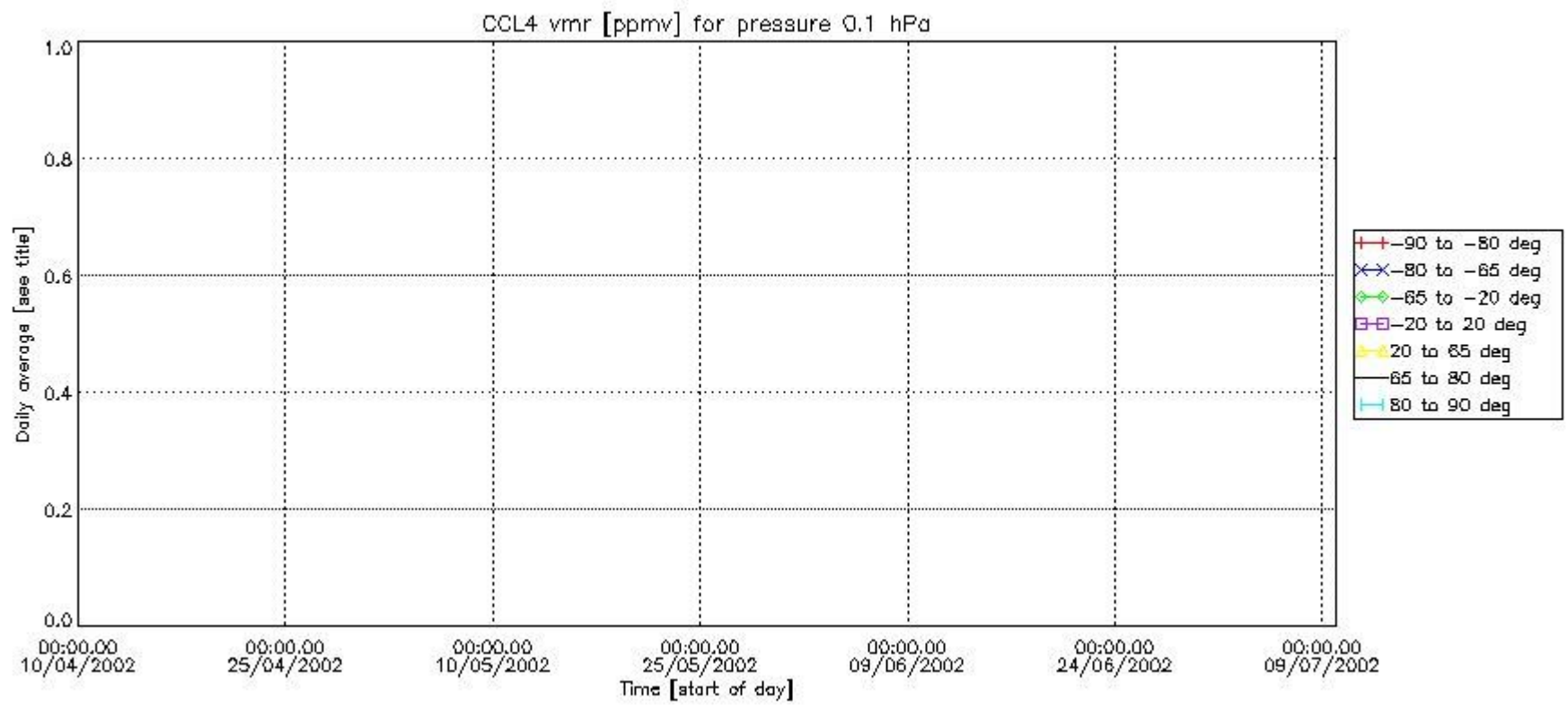
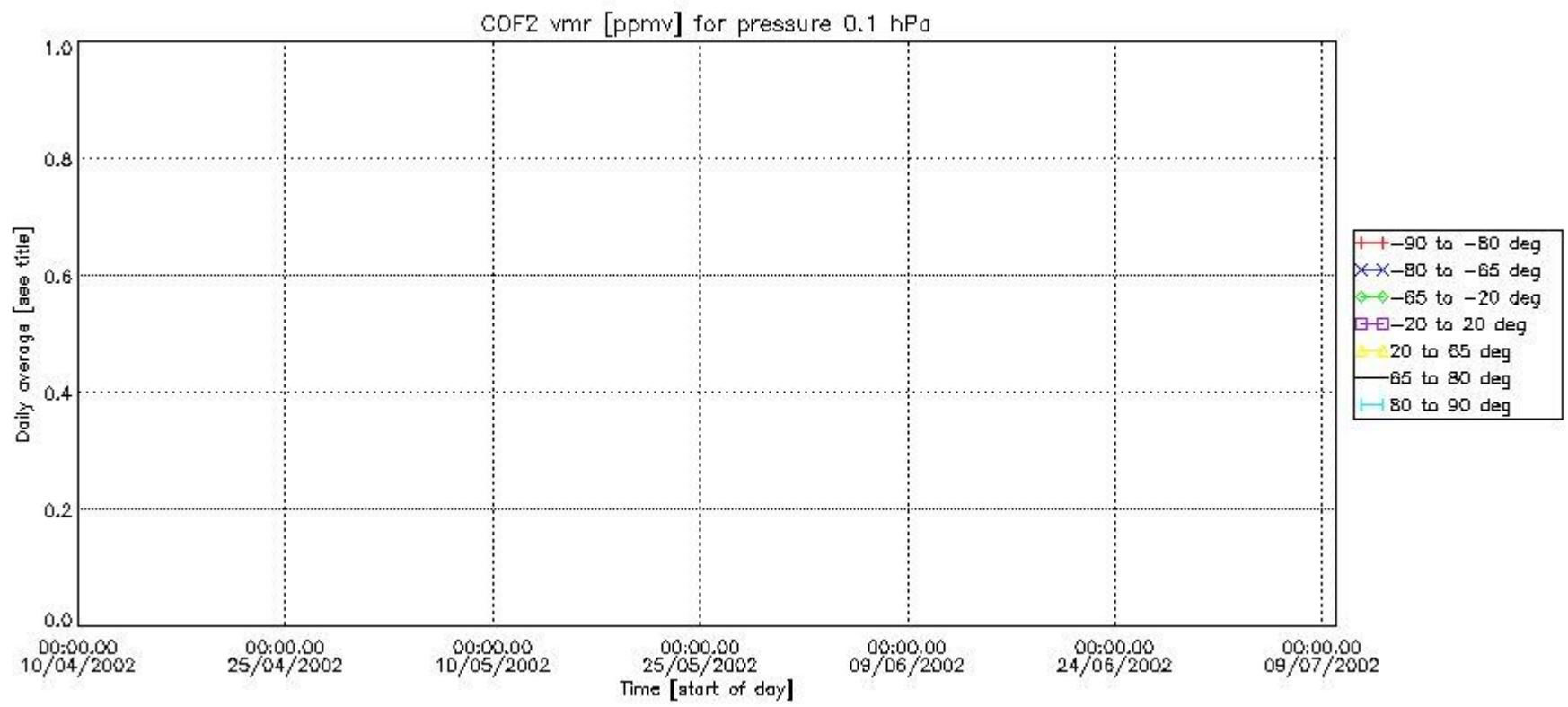


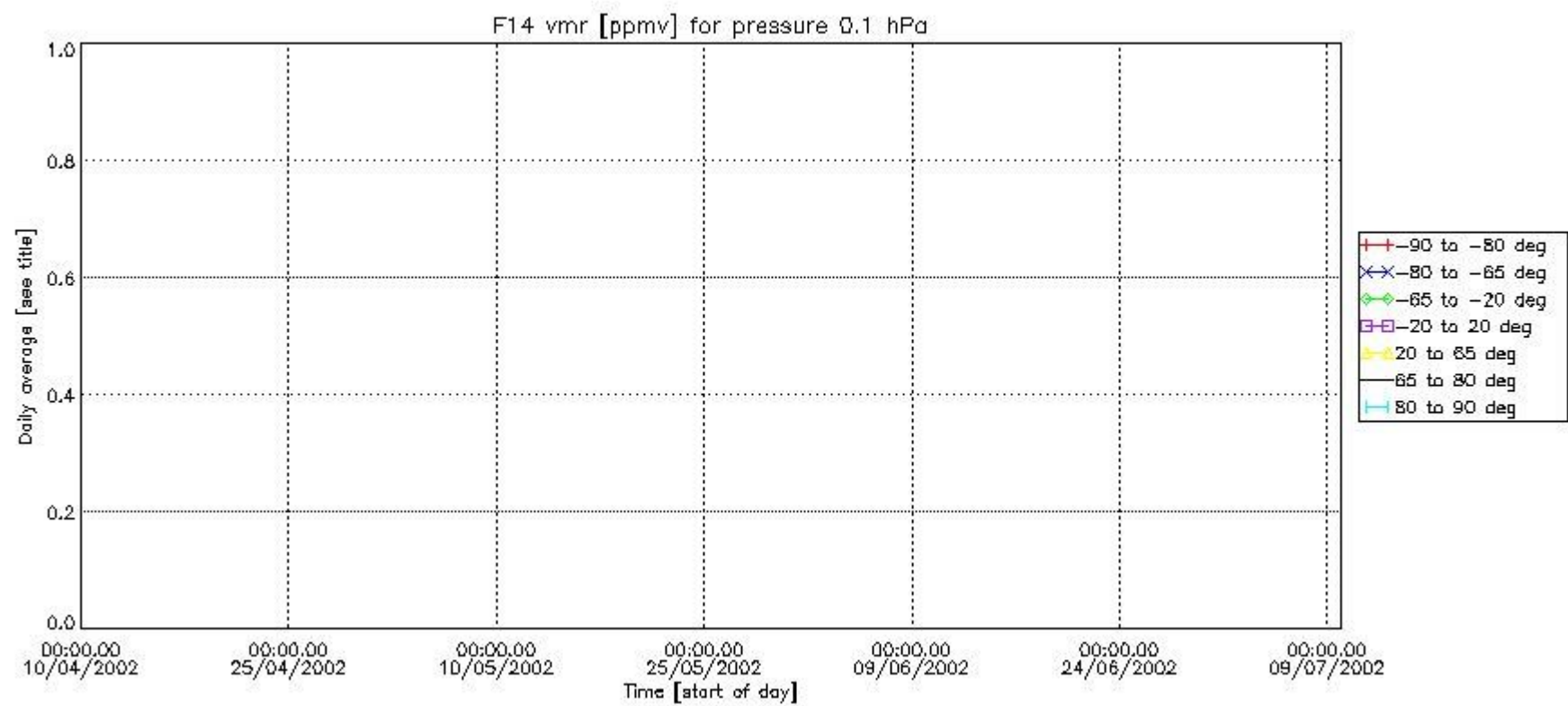
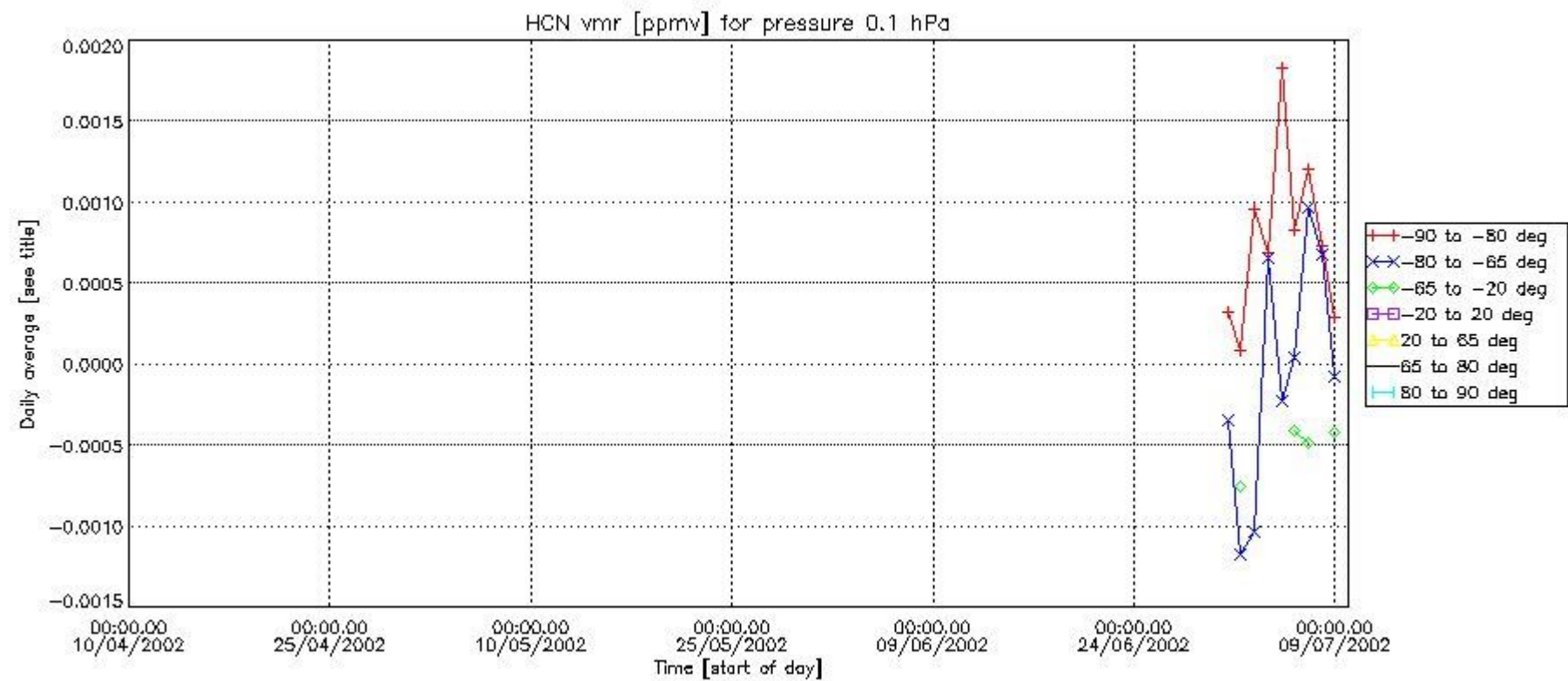


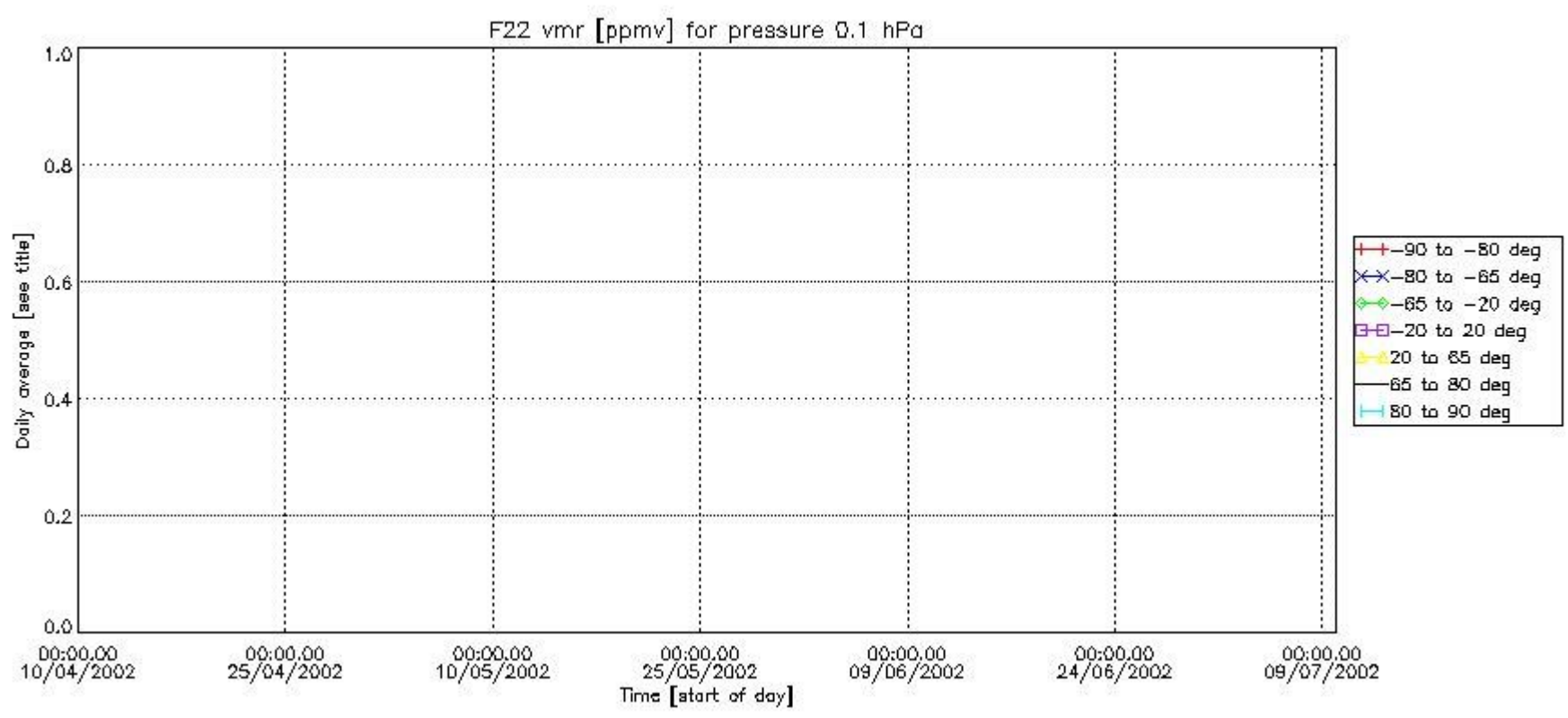












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

