

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050221.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	20APR2016 08:46:26
Data source version	ML2PP/7.03-W
Processing scope for products	21FEB2005 00:00:00 to 22FEB2005 00:00:00
Start time of first product within scope	20FEB2005 22:31:39
Stop time of last product within scope	22FEB2005 01:21:08
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.

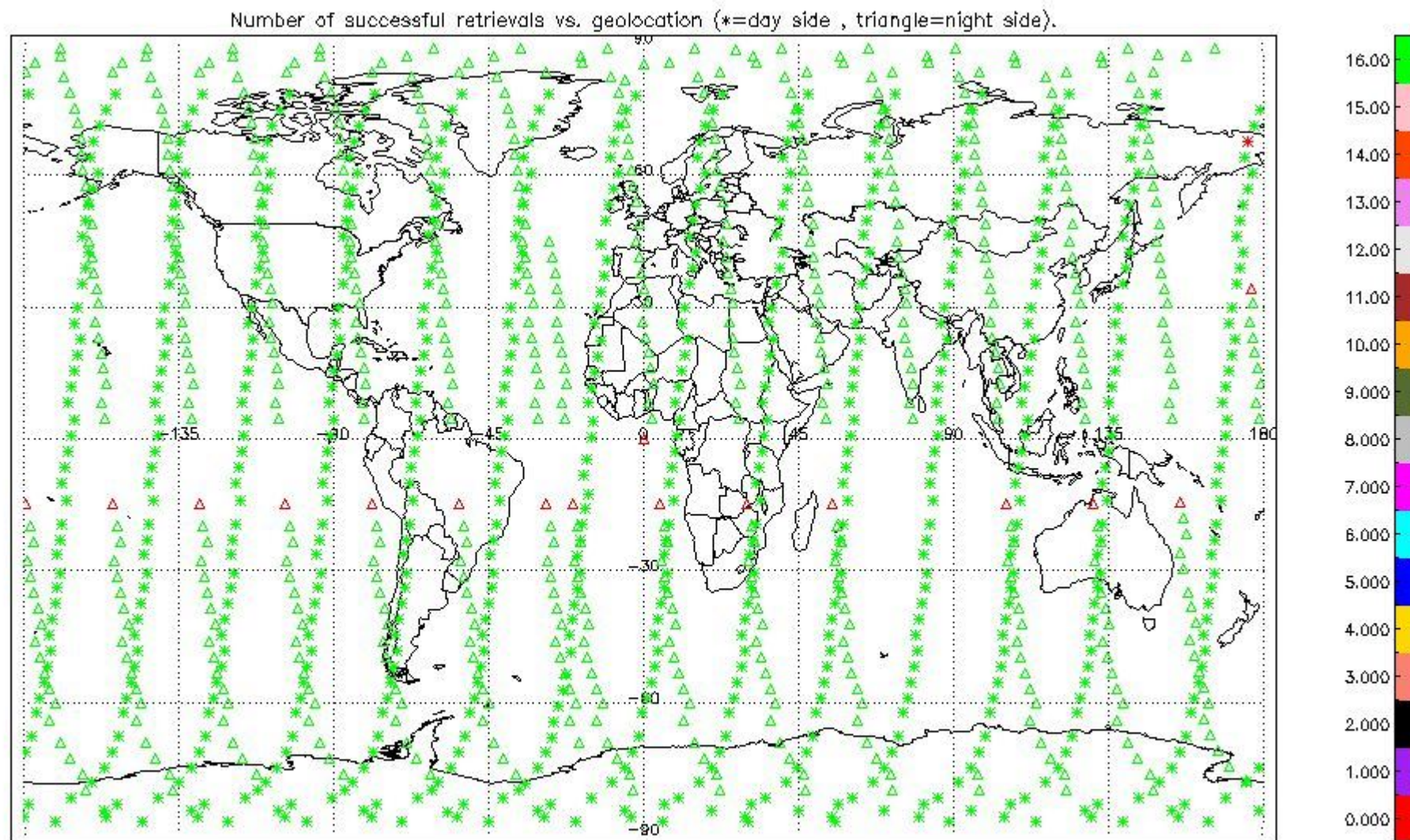
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20050220_223139_000060302034_00488_15572_1000.N1	20FEB2005 22:31:39	21FEB2005 00:12:09	0	93/93	VMR_TERM_MACRO_MICRO[HCN/macro:1]
1	MIP_NL__2PWDSI20050221_001215_000060302034_00489_15573_1000.N1	21FEB2005 00:12:15	21FEB2005 01:52:45	0	93/93	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:1]
2	MIP_NL__2PWDSI20050221_015251_000060302034_00490_15574_1000.N1	21FEB2005 01:52:51	21FEB2005 03:33:21	0	93/93	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:3]
3	MIP_NL__2PWDSI20050221_033327_000060302034_00491_15575_1000.N1	21FEB2005 03:33:27	21FEB2005 05:13:57	0	93/93	VMR_TERM_MACRO_MICRO[HCN/micro:1]
4	MIP_NL__2PWDSI20050221_051403_000060302034_00492_15576_1000.N1	21FEB2005 05:14:03	21FEB2005 06:54:33	0	93/93	VMR_TERM_MACRO_MICRO[F14/macro:2; CCL4/micro:1; F14/micro:1]
5	MIP_NL__2PWDSI20050221_065439_000060302034_00493_15577_1000.N1	21FEB2005 06:54:39	21FEB2005 08:35:09	0	93/93	VMR_TERM_MACRO_MICRO[F14/macro:1]
6	MIP_NL__2PWDSI20050221_083515_000060302034_00494_15578_1000.N1	21FEB2005 08:35:15	21FEB2005 10:15:45	0	93/93	VMR_TERM_MACRO_MICRO[HCN/micro:1]
7	MIP_NL__2PWDSI20050221_101551_000060612034_00495_15579_1000.N1	21FEB2005 10:15:51	21FEB2005 11:56:52	0	80/80	VMR_TERM_MACRO_MICRO[HCN/micro:2]
8	MIP_NL__2PWDSI20050221_115658_000059982034_00496_15580_1000.N1	21FEB2005 11:56:58	21FEB2005 13:36:56	0	93/93	VMR_TERM_MACRO_MICRO[HCN/macro:1]
9	MIP_NL__2PWDSI20050221_133703_000060302034_00497_15581_1000.N1	21FEB2005 13:37:03	21FEB2005 15:17:32	0	93/93	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:3]
10	MIP_NL__2PWDSI20050221_151738_000052132034_00498_15582_1000.N1	21FEB2005 15:17:38	21FEB2005 16:44:31	0	80/80	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1]
11	MIP_NL__2PWDSI20050221_170601_000055632034_00499_15583_1000.N1	21FEB2005 17:06:01	21FEB2005 18:38:44	0	89/89	VMR_TERM_MACRO_MICRO[F14/macro:2]
12	MIP_NL__2PWDSI20050221_183851_000060302034_00500_15584_1000.N1	21FEB2005 18:38:51	21FEB2005 20:19:20	0	93/93	VMR_TERM_MACRO_MICRO[CH4/micro:1; HCN/micro:1]
13	MIP_NL__2PWDSI20050221_201927_000060302034_00501_15585_1000.N1	21FEB2005 20:19:27	21FEB2005 21:59:56	0	93/93	VMR_TERM_MACRO_MICRO[F14/macro:3]
14	MIP_NL__2PWDSI20050221_220002_000060302035_00001_15586_1000.N1	21FEB2005 22:00:02	21FEB2005 23:40:32	0	93/93	VMR_TERM_MACRO_MICRO[F14/macro:1]
15	MIP_NL__2PWDSI20050221_234038_000060292035_00002_15587_1000.N1	21FEB2005 23:40:38	22FEB2005 01:21:08	0	93/93	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:2]

2.2 Processing performance indicators

2.2.1 Successful retrievals

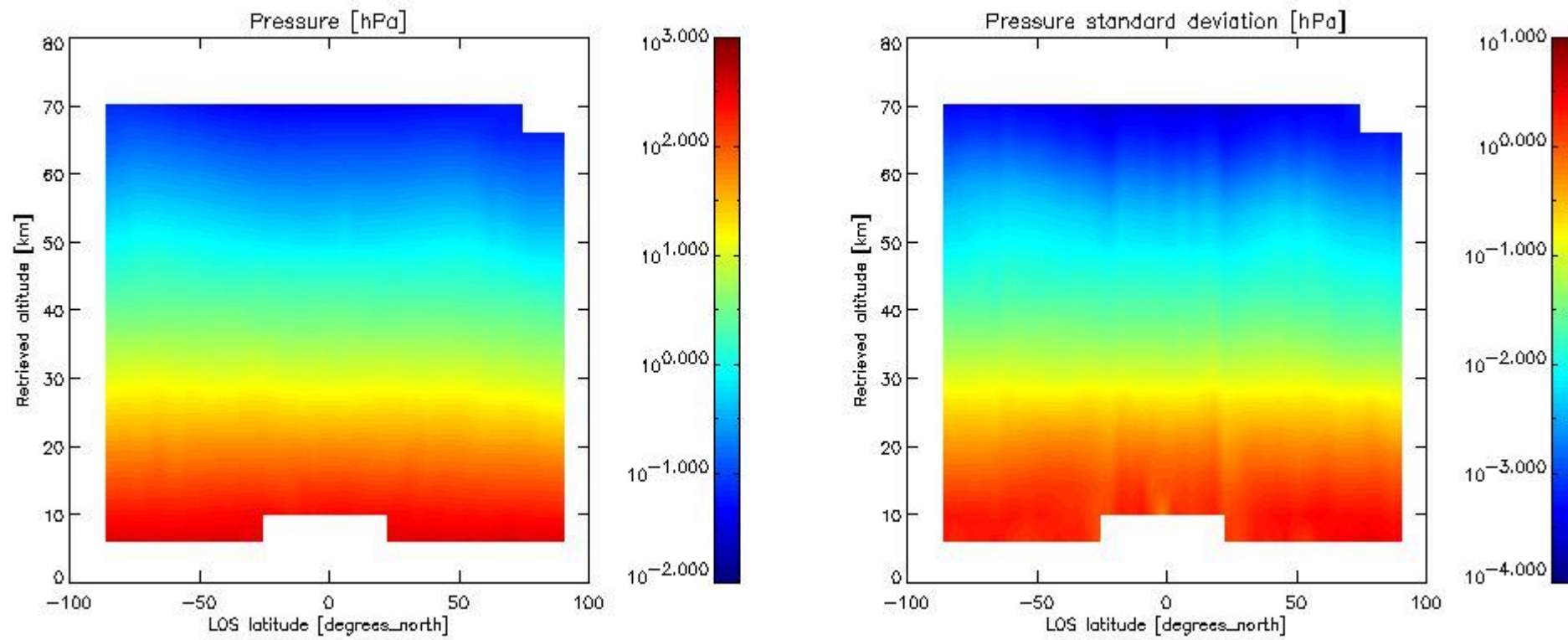
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1458	1270	87.106
H2O	1458	1270	87.106
O3	1458	1270	87.106
HNO3	1458	1270	87.106
CH4	1458	1270	87.106
N2O	1458	1270	87.106
NO2	1458	1270	87.106
F11	1458	1270	87.106
CLNO	1458	1270	87.106
N2O5	1458	1270	87.106
F12	1458	1270	87.106
COF2	1458	1270	87.106
CCL4	1458	1270	87.106
HCN	1458	1270	87.106
F14	1458	1270	87.106
F22	1458	1270	87.106



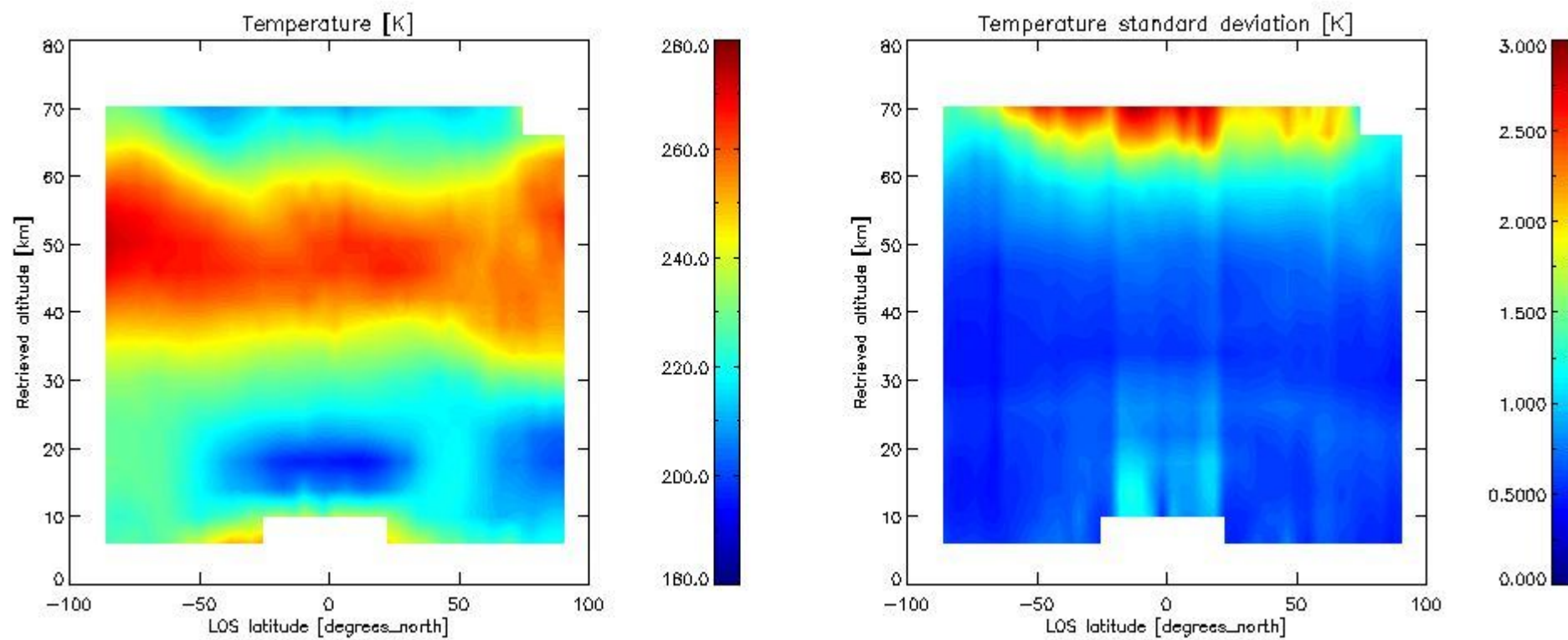
2.2.2 Pressure overview

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



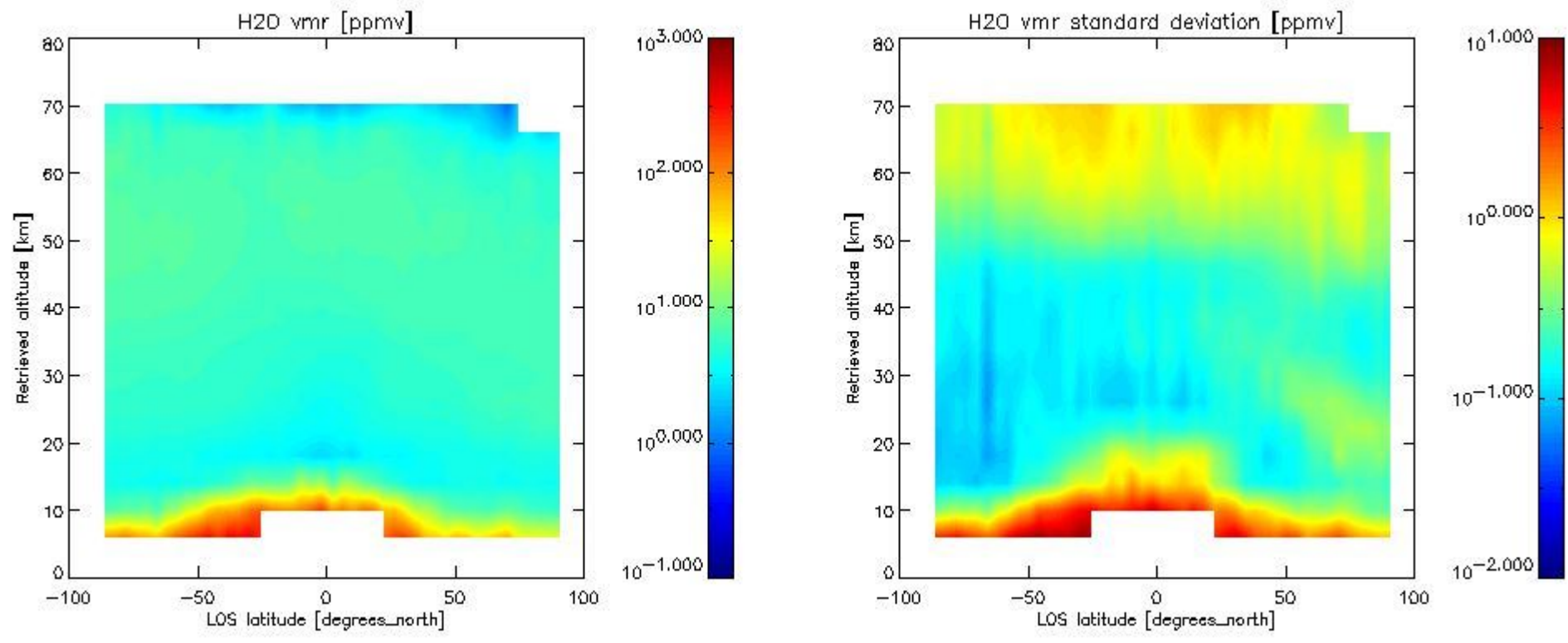
2.2.3 Temperature overview

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

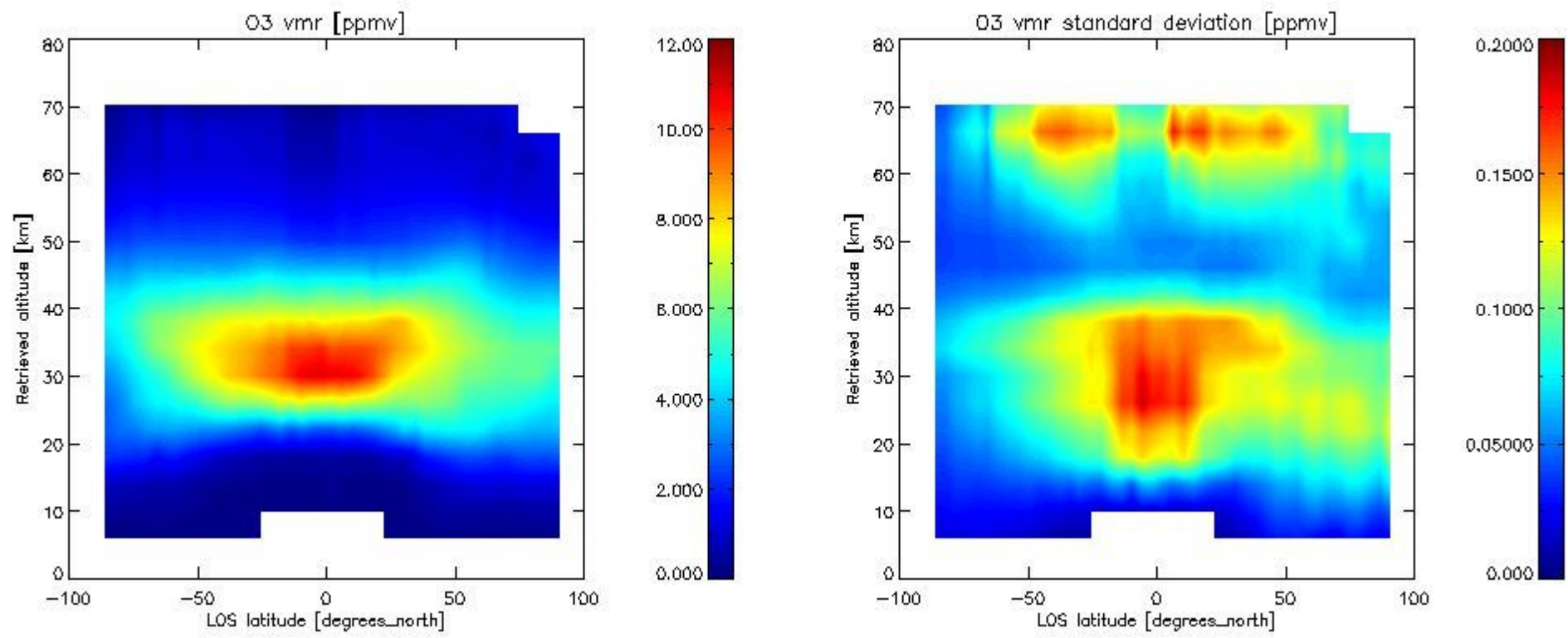


2.2.4 Species overview

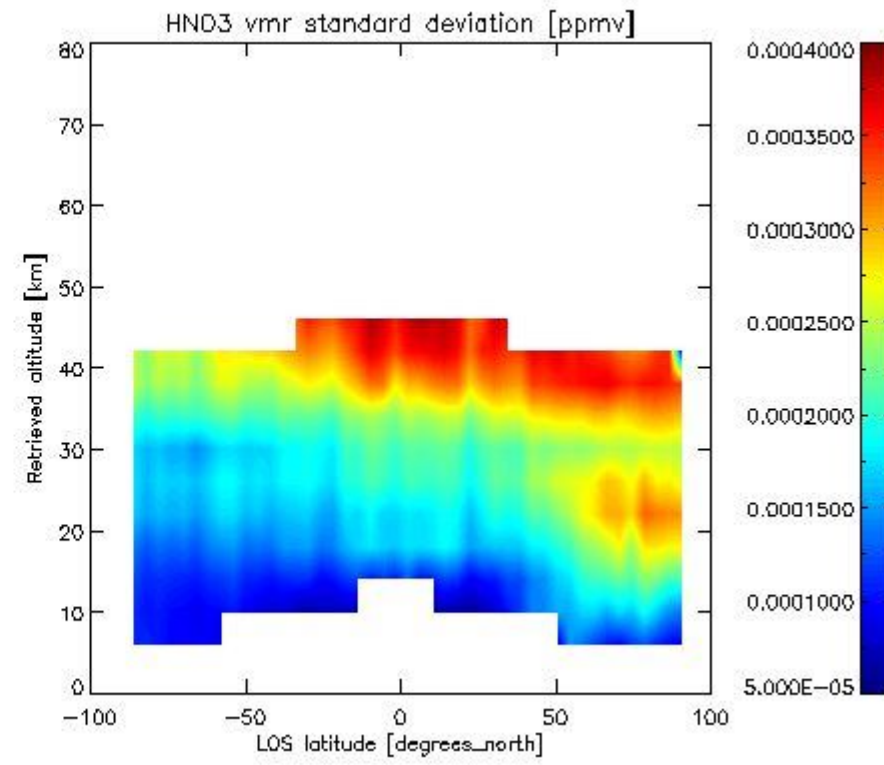
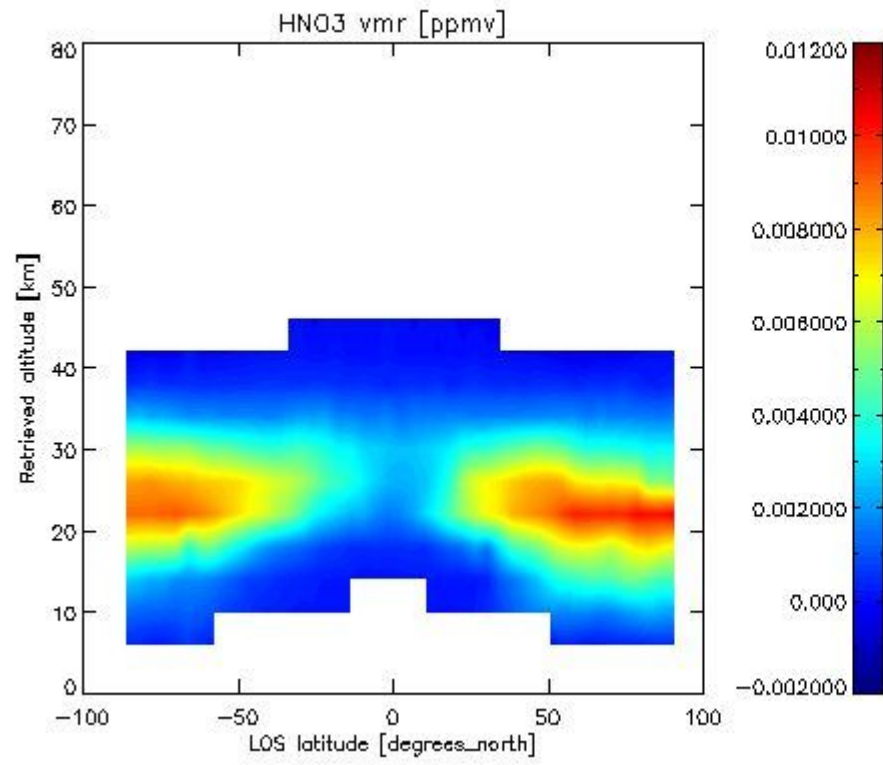
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



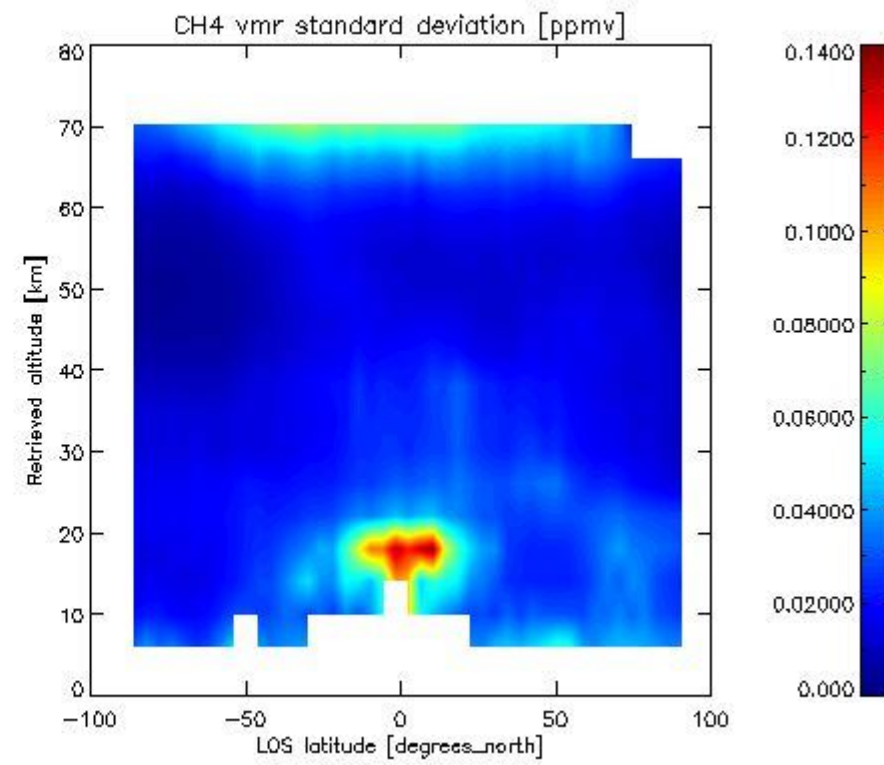
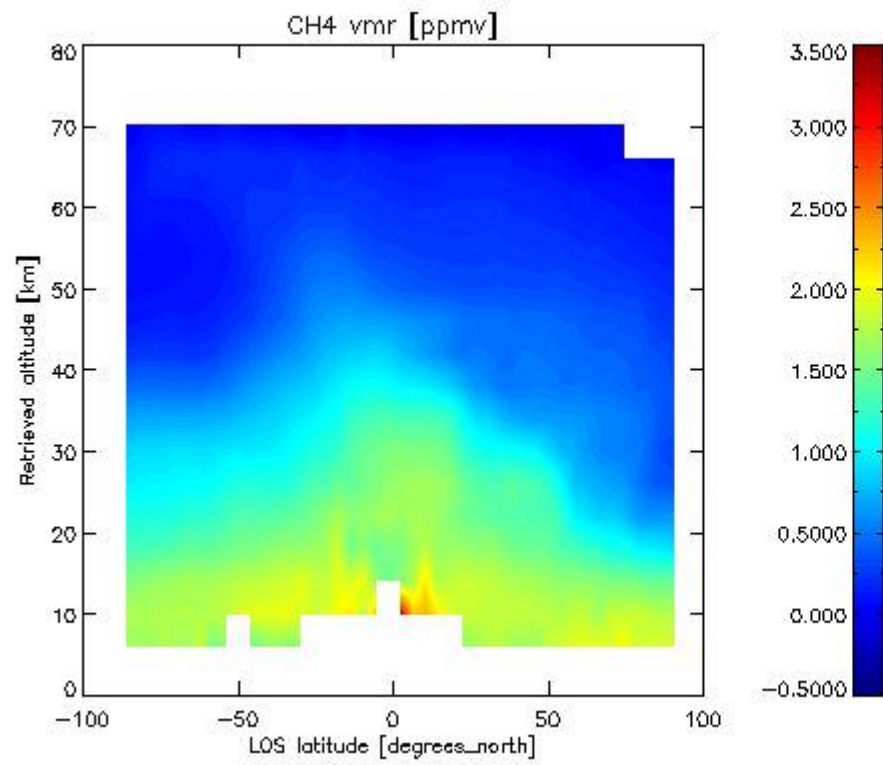
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



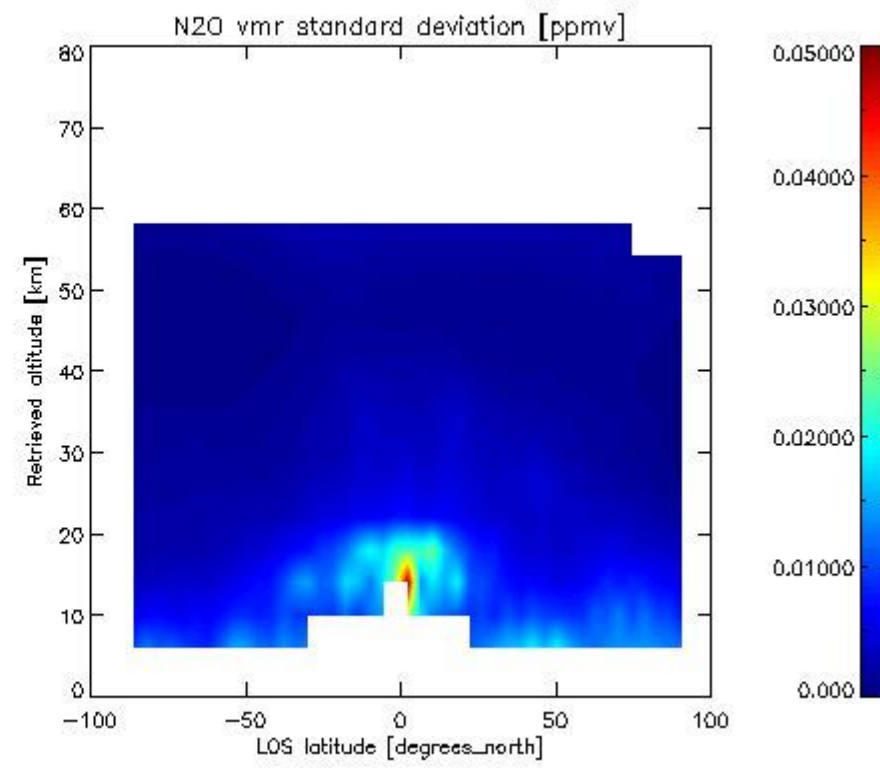
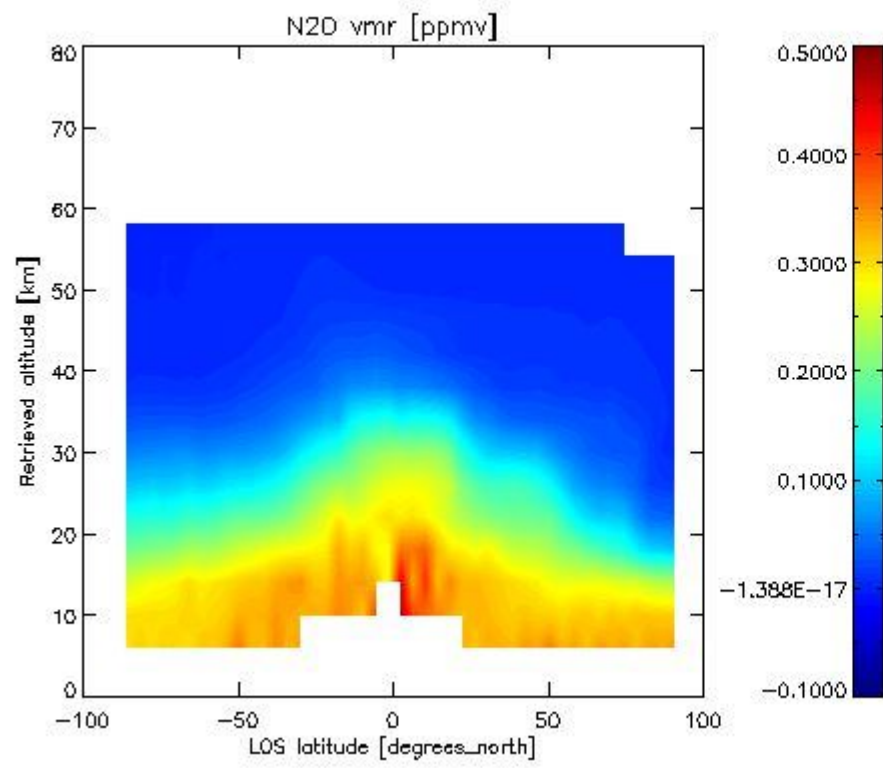
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



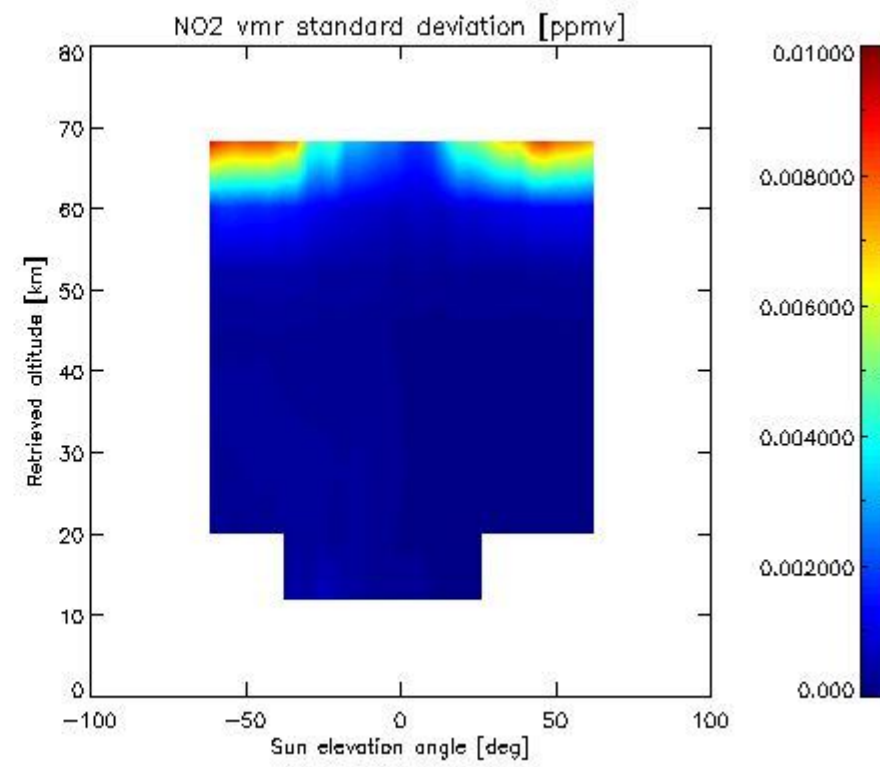
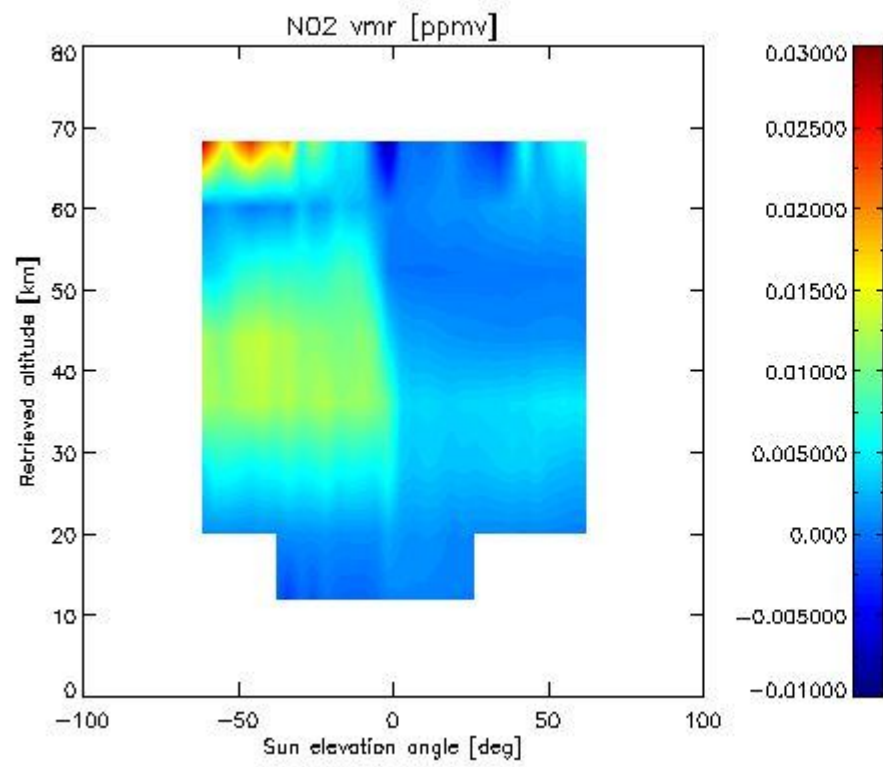
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



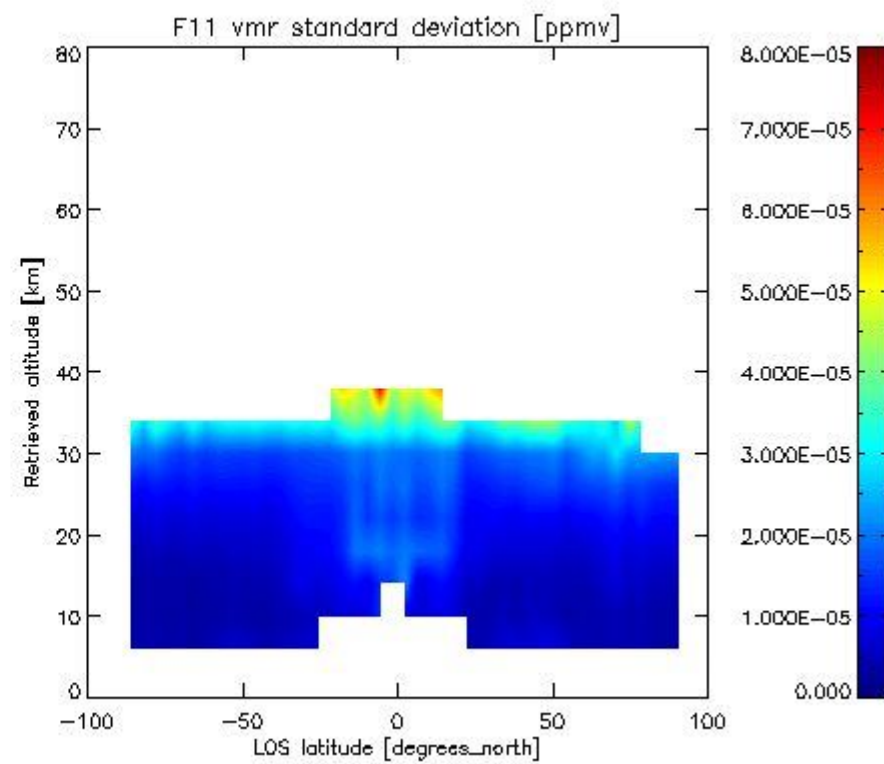
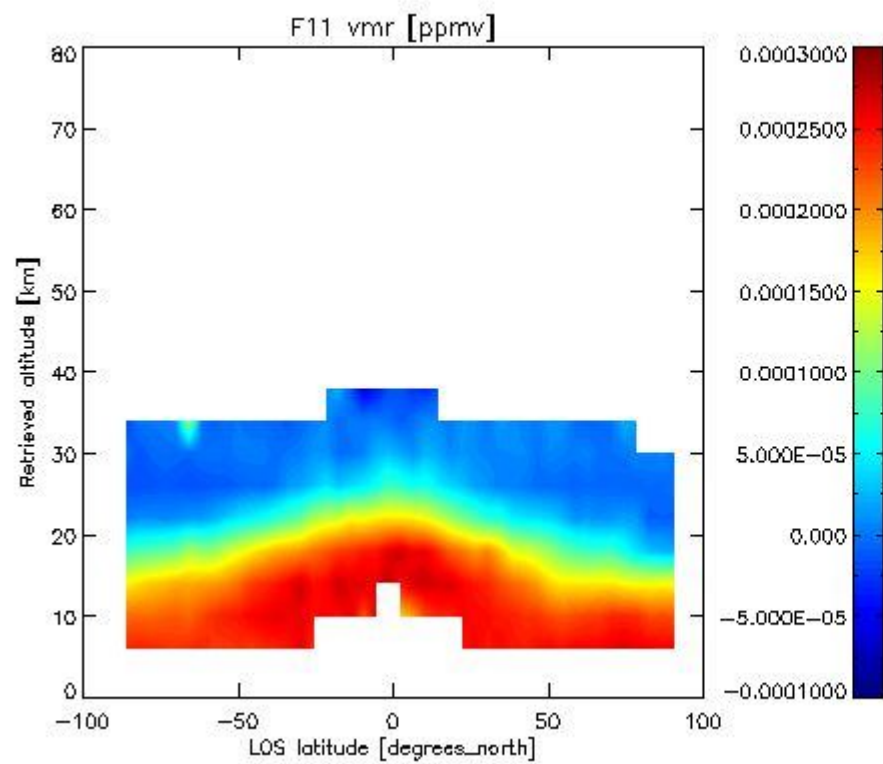
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



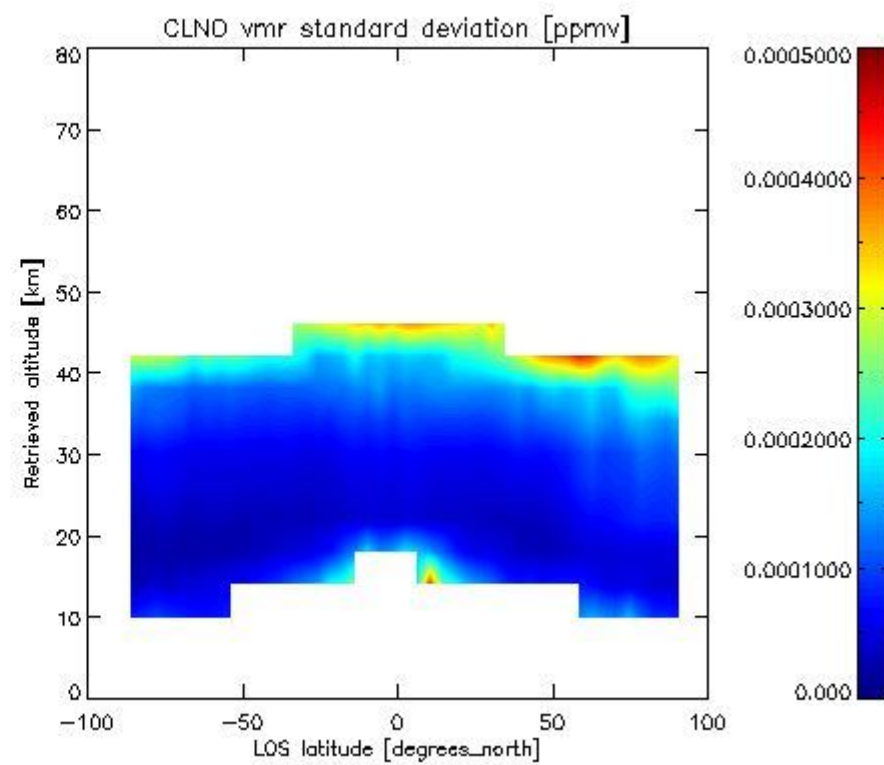
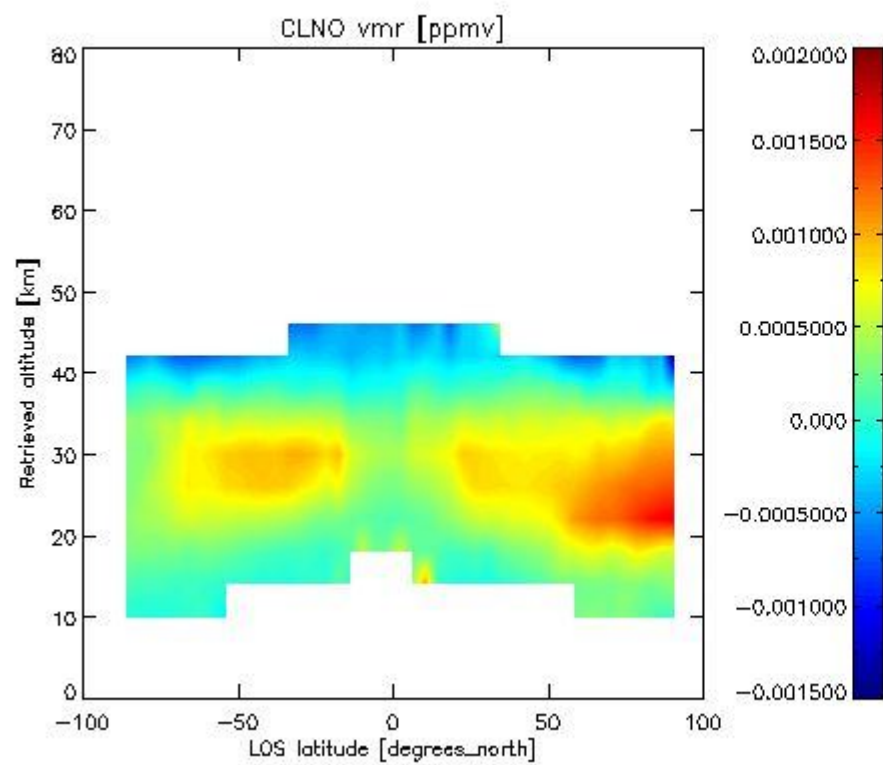
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

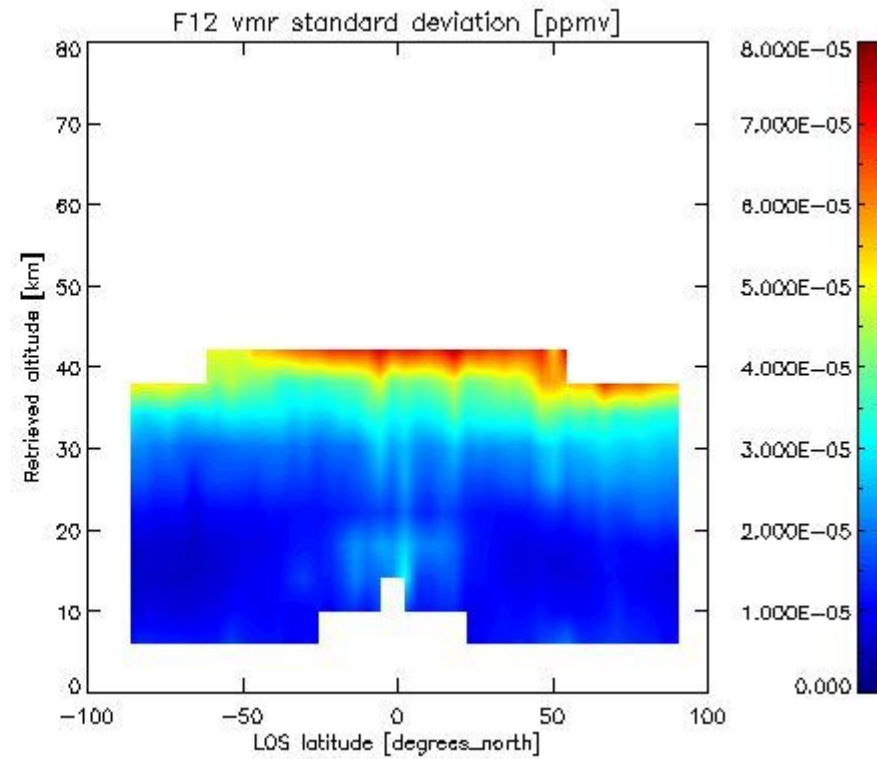
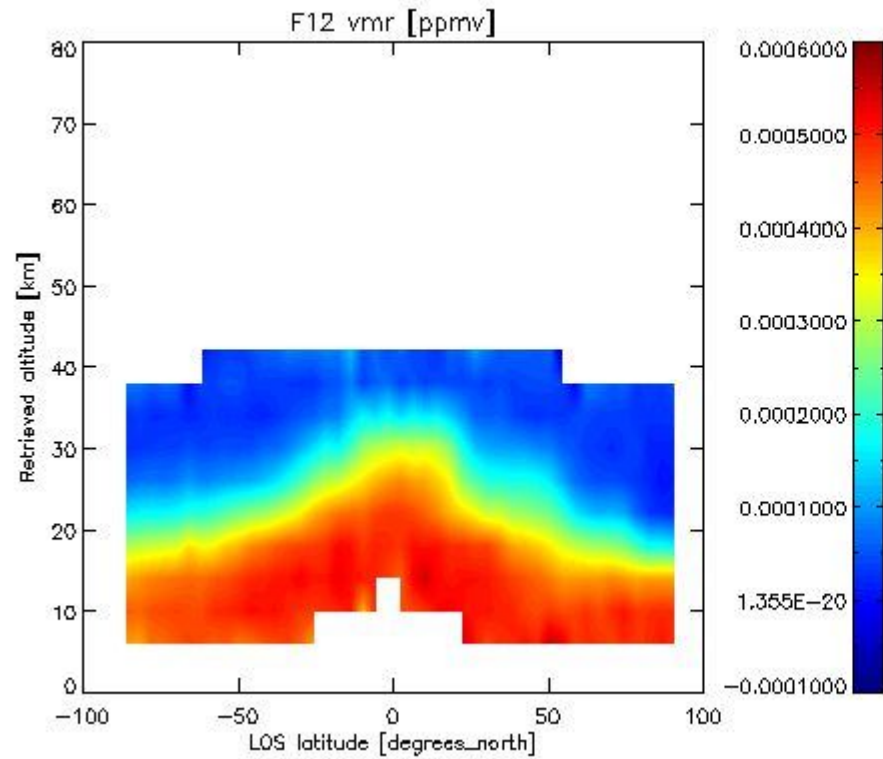
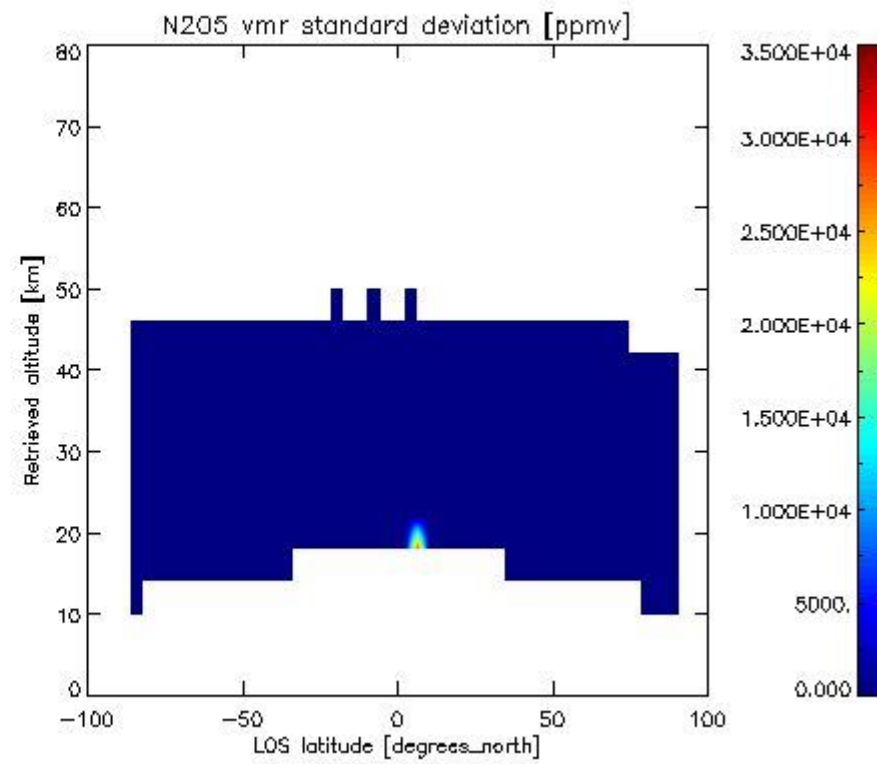
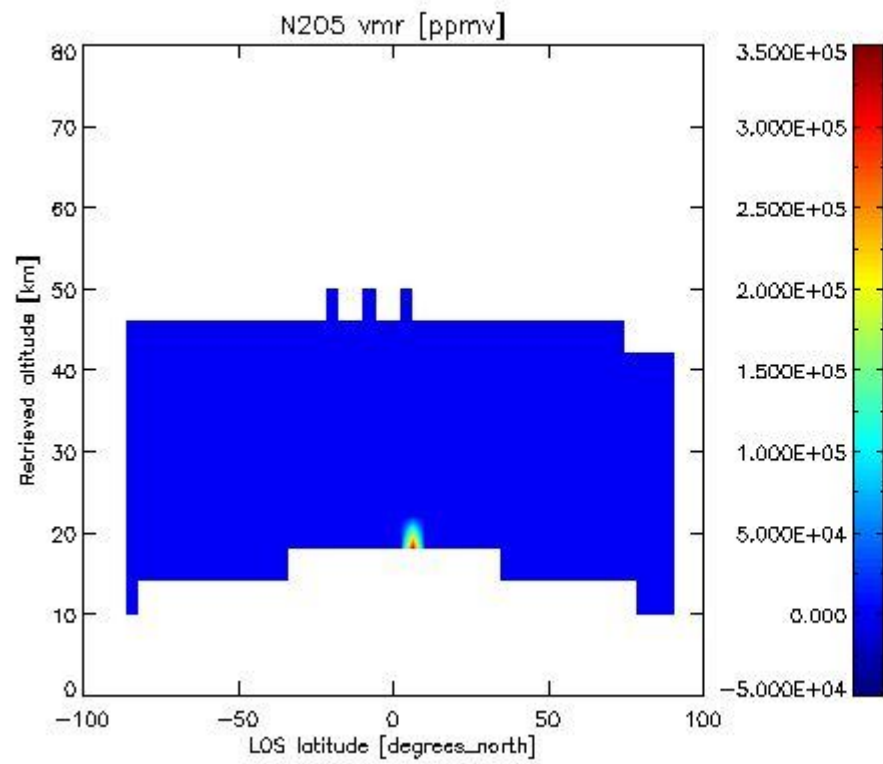


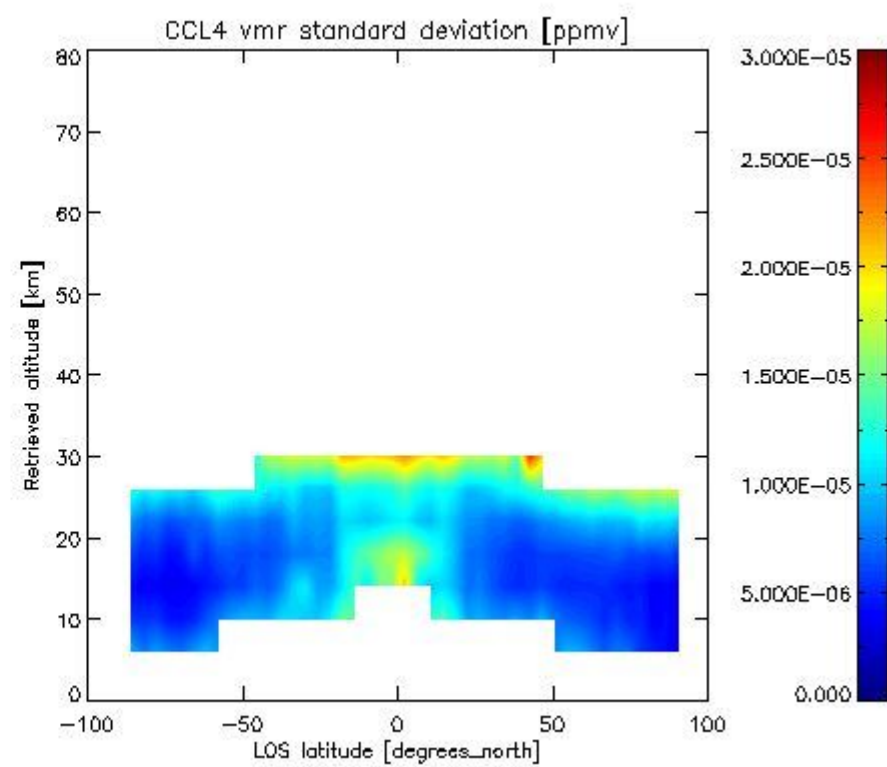
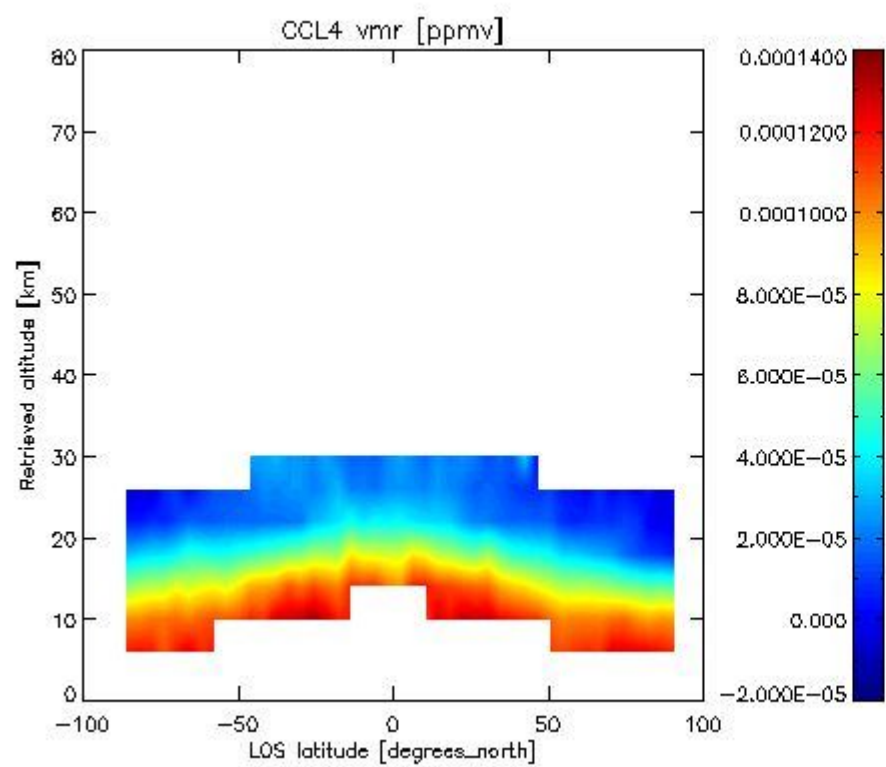
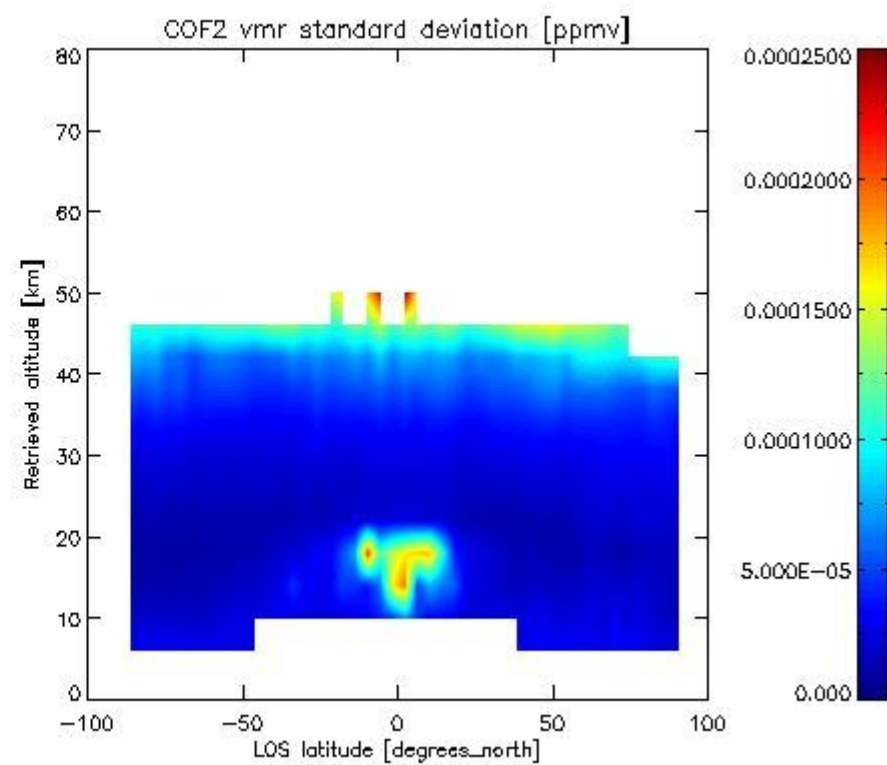
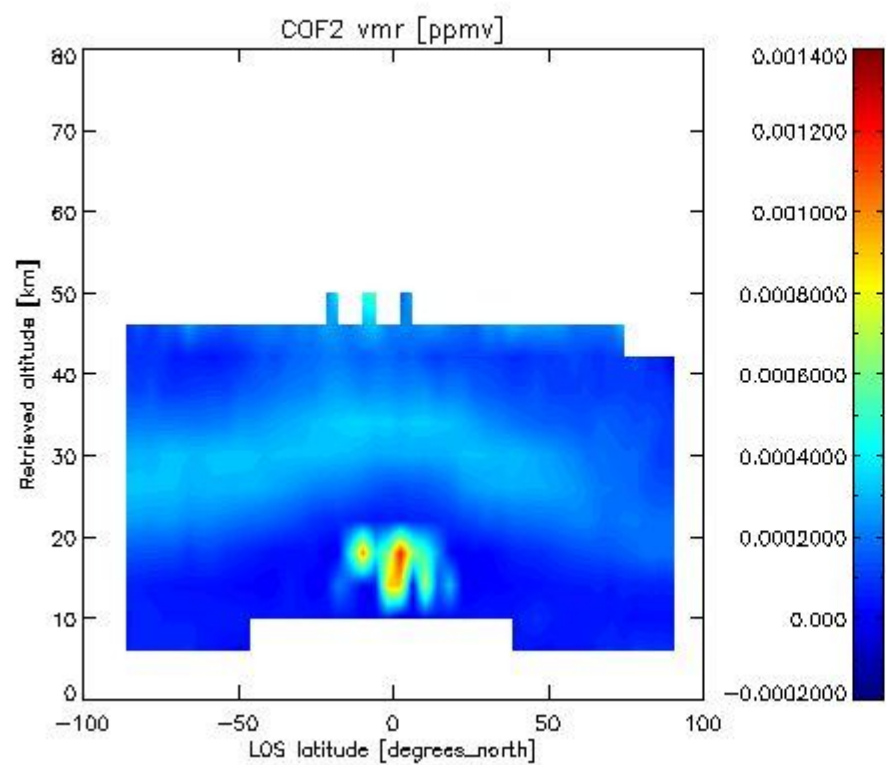
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

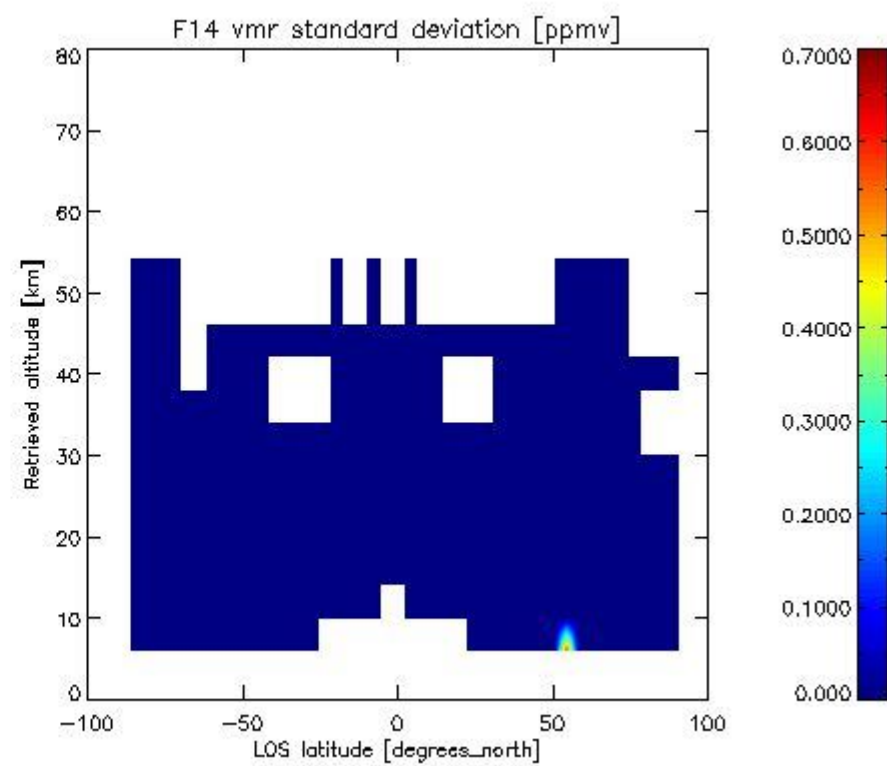
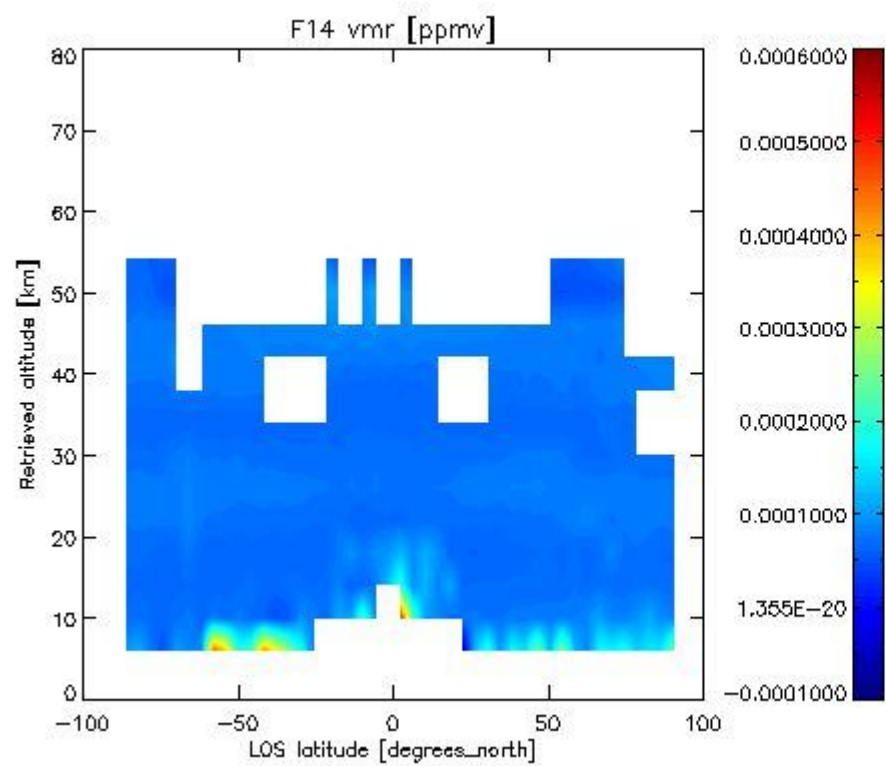
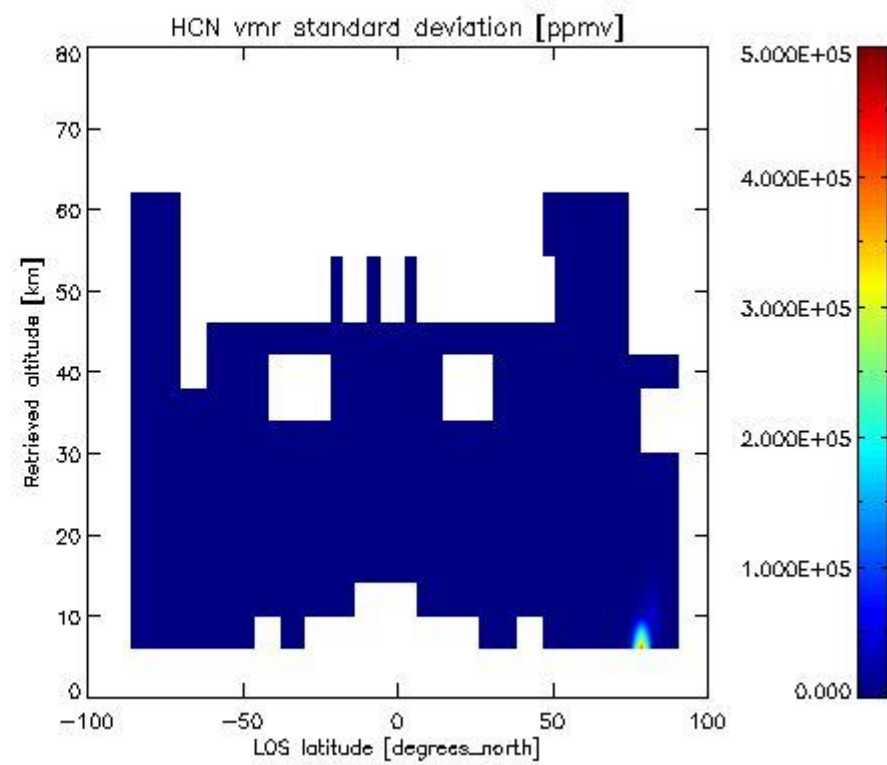
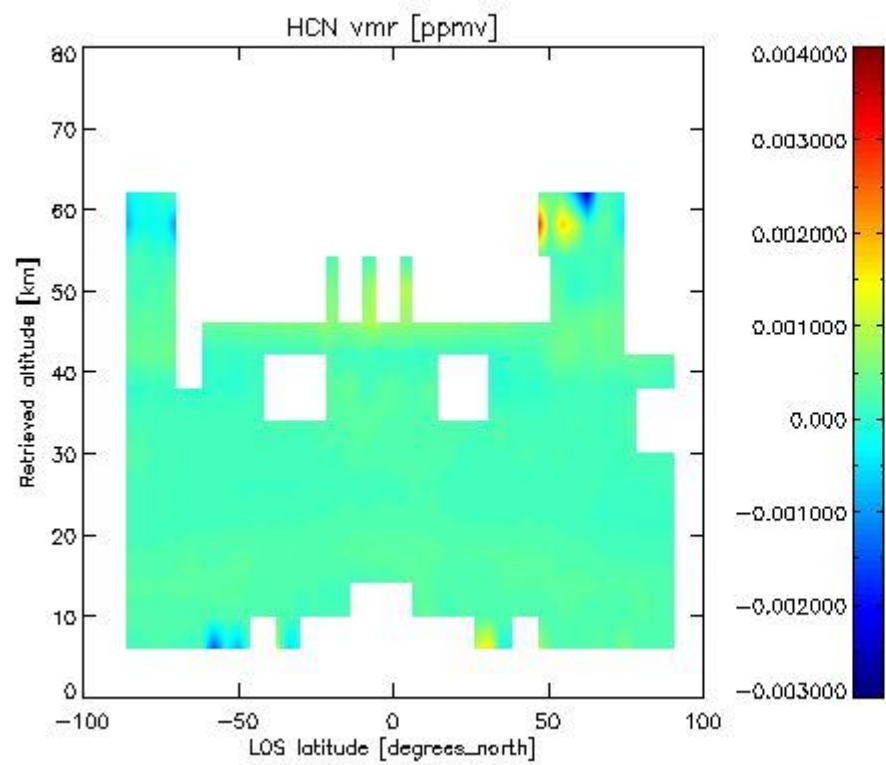


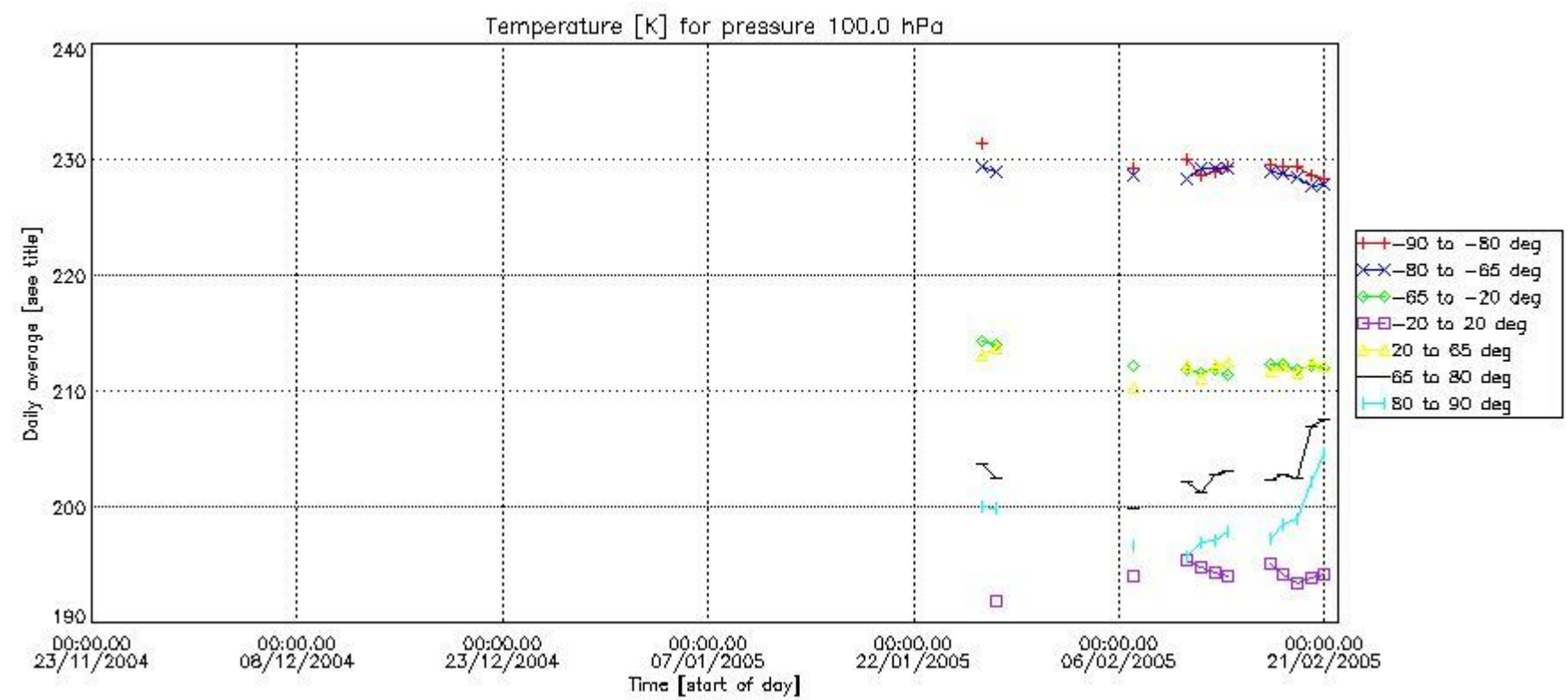
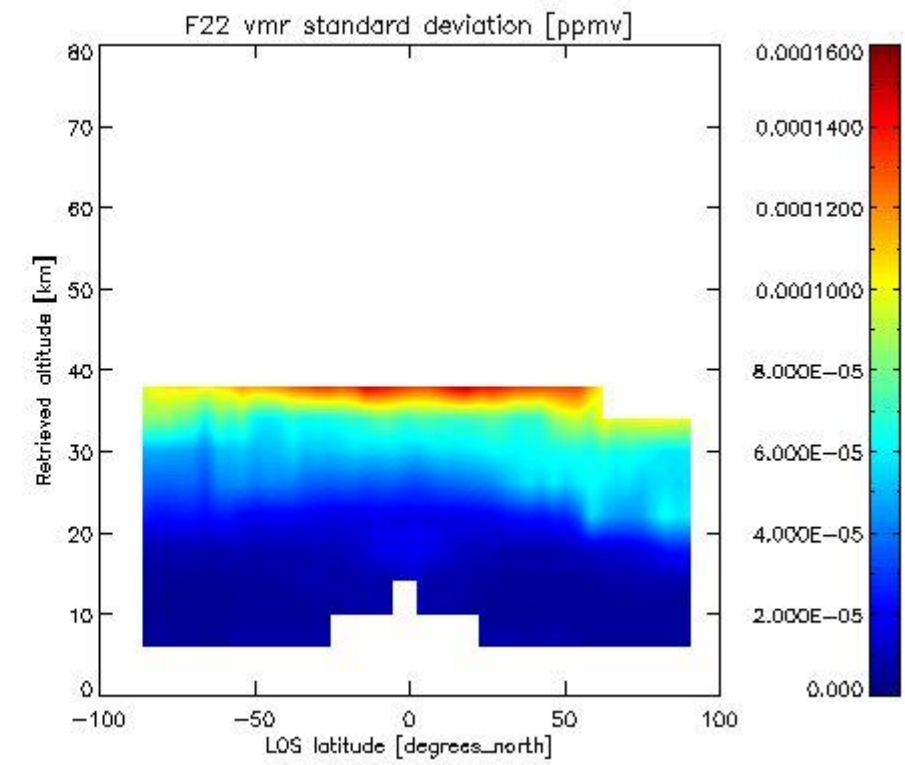
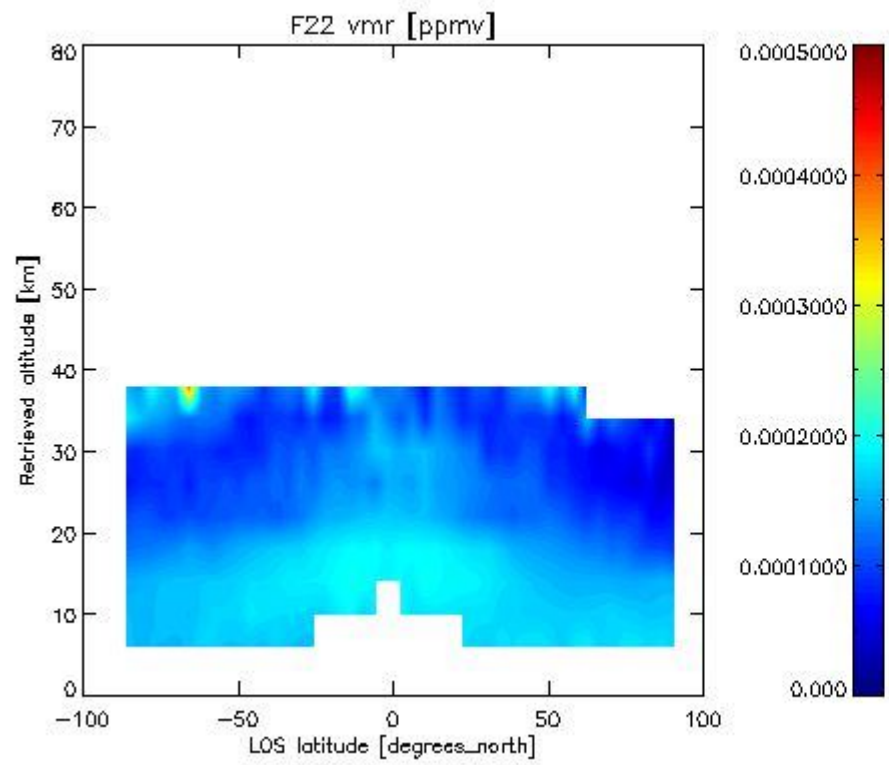
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

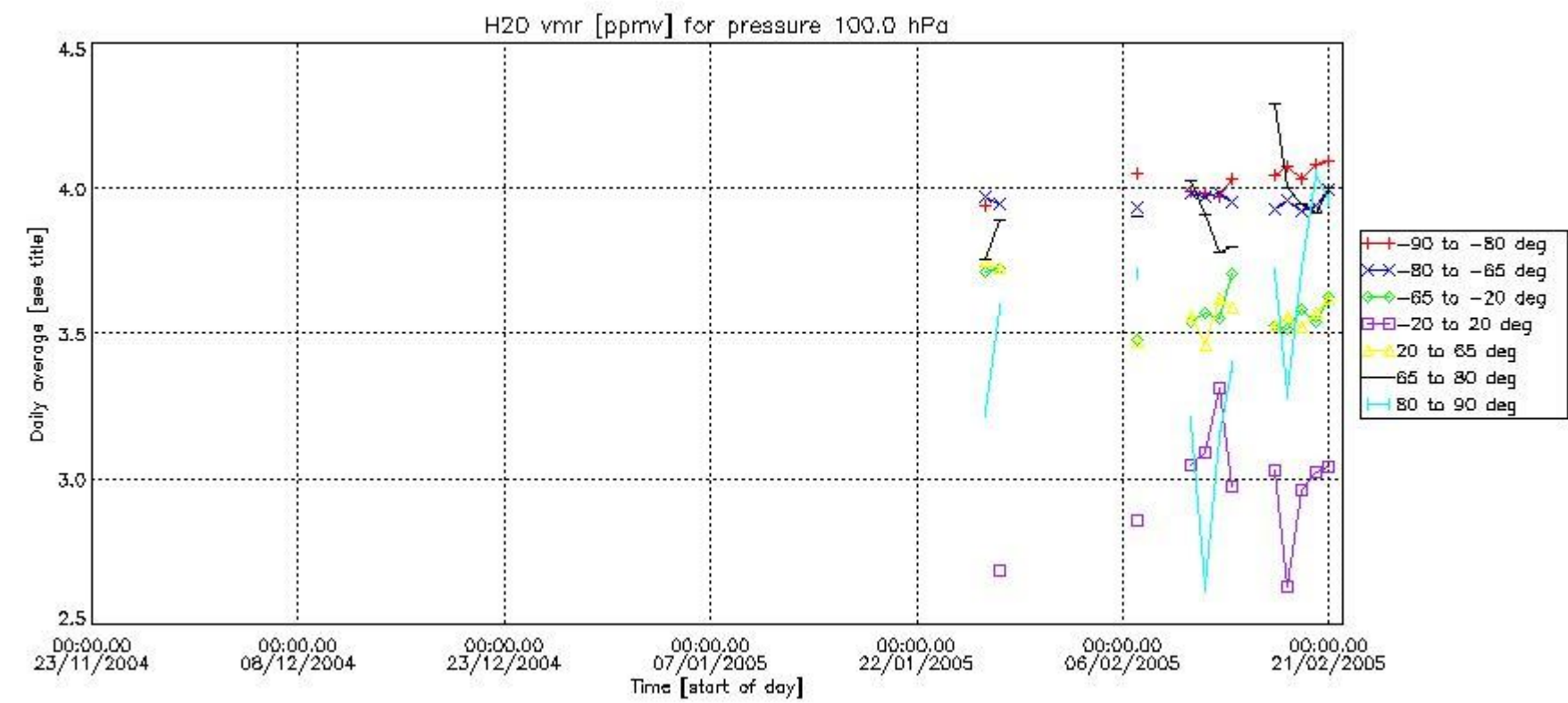
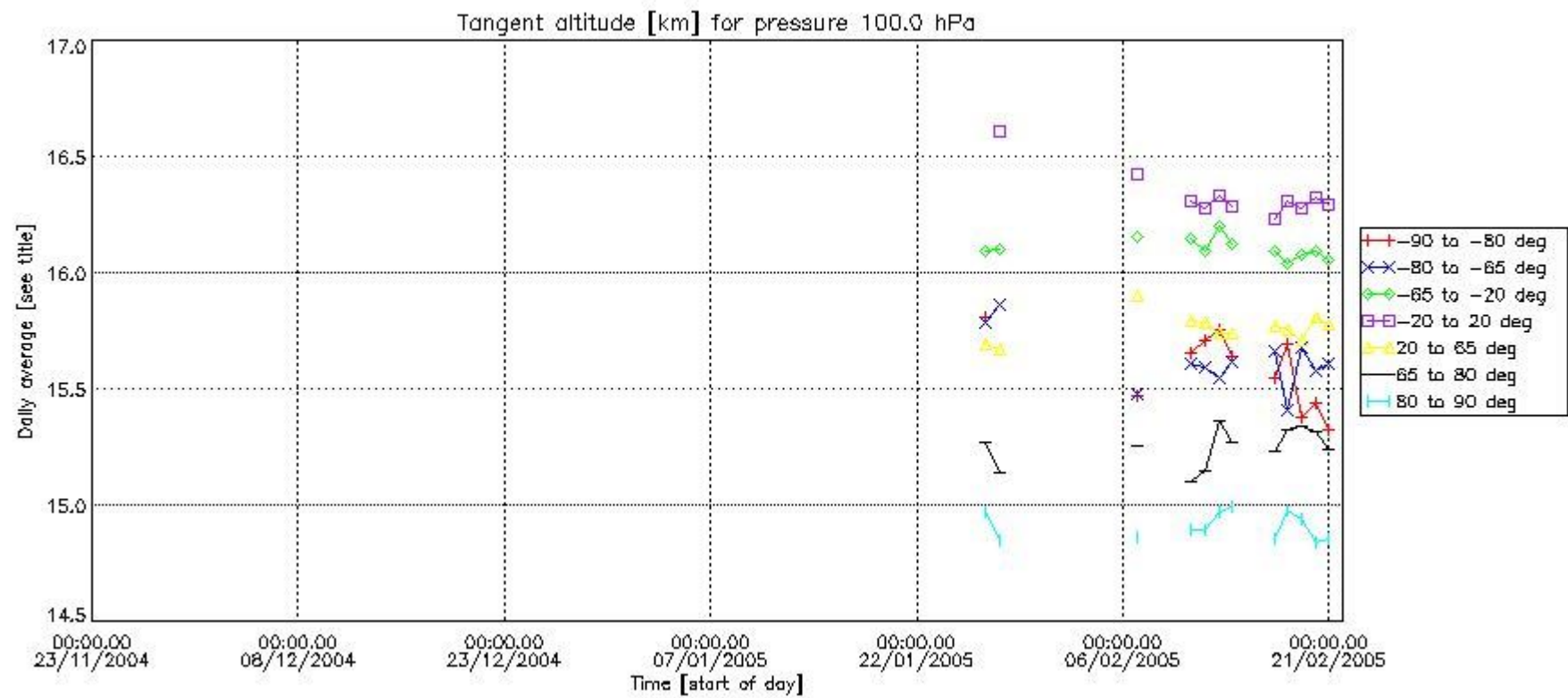


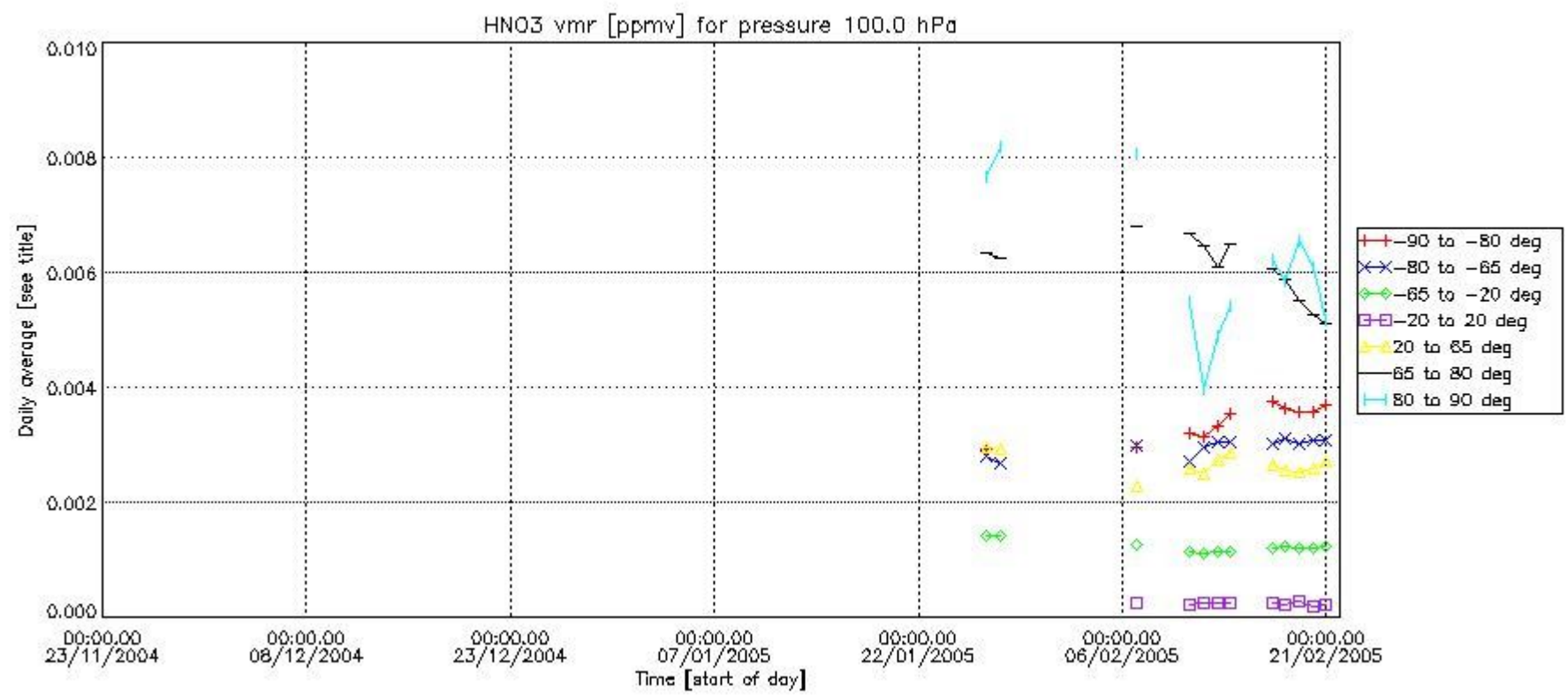
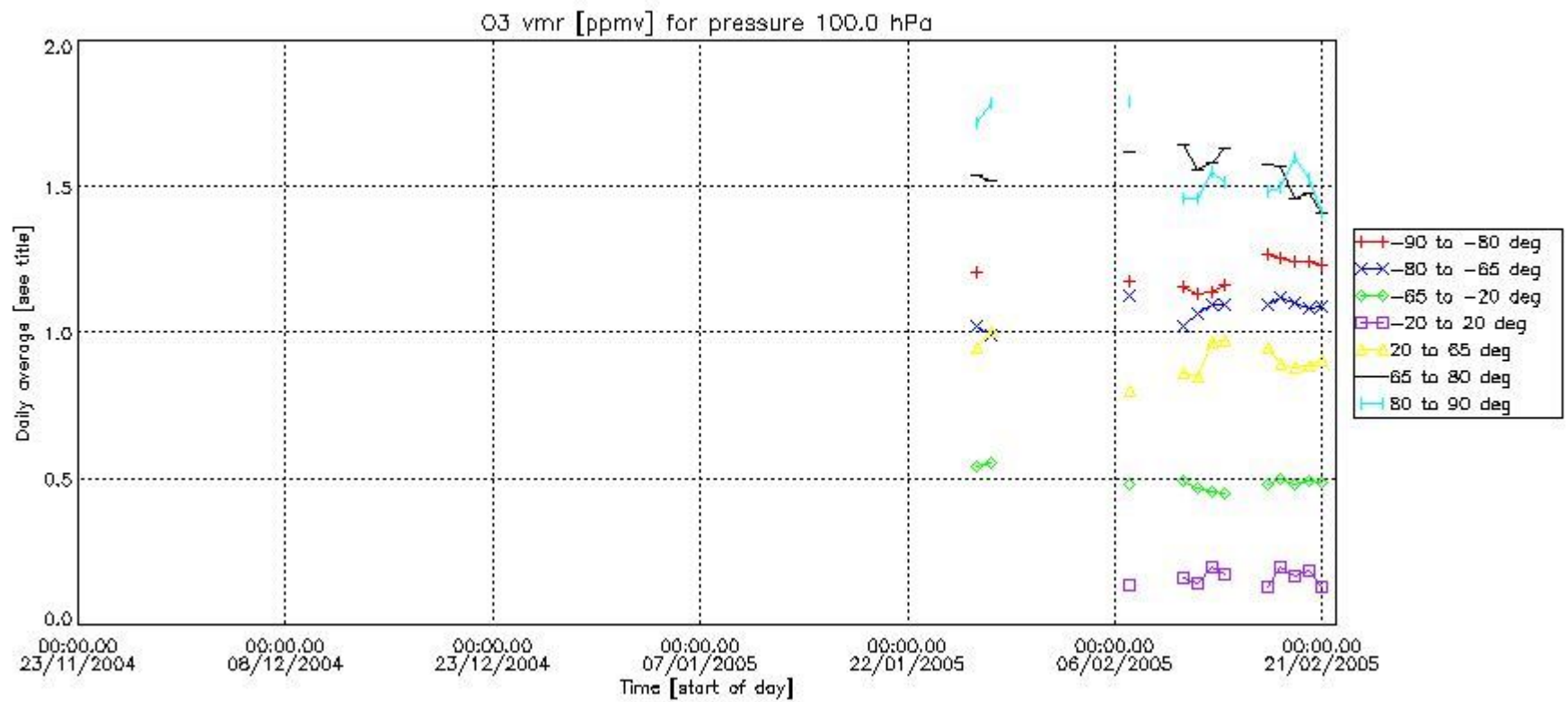


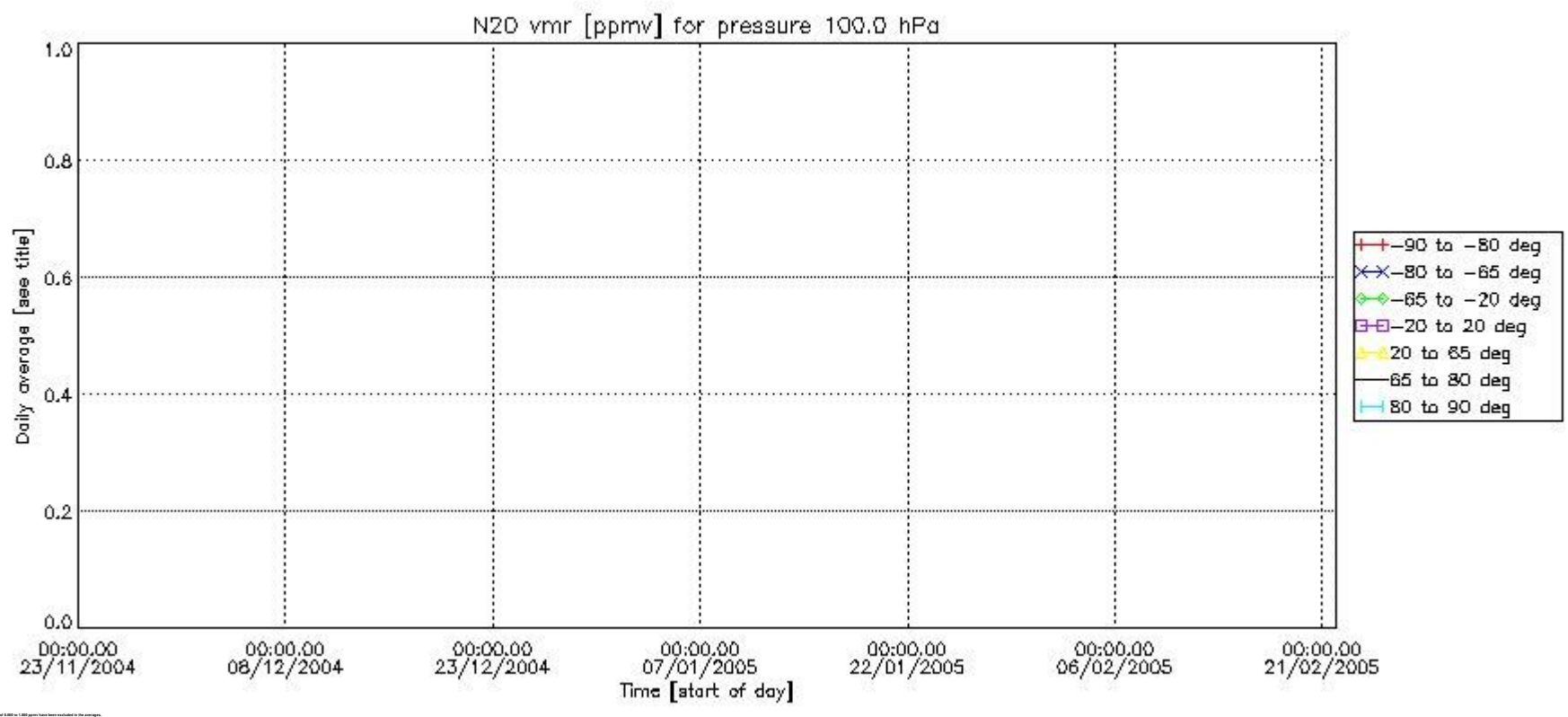
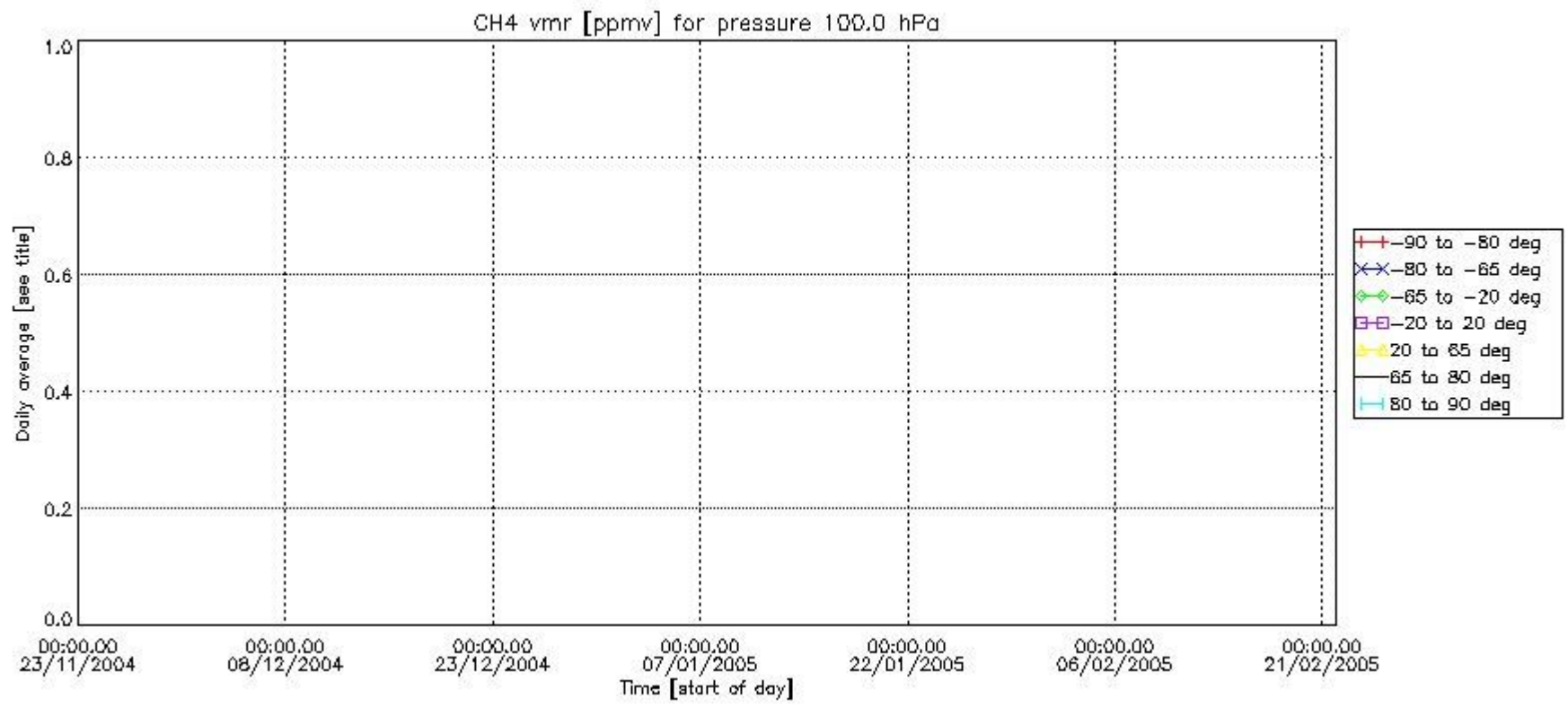


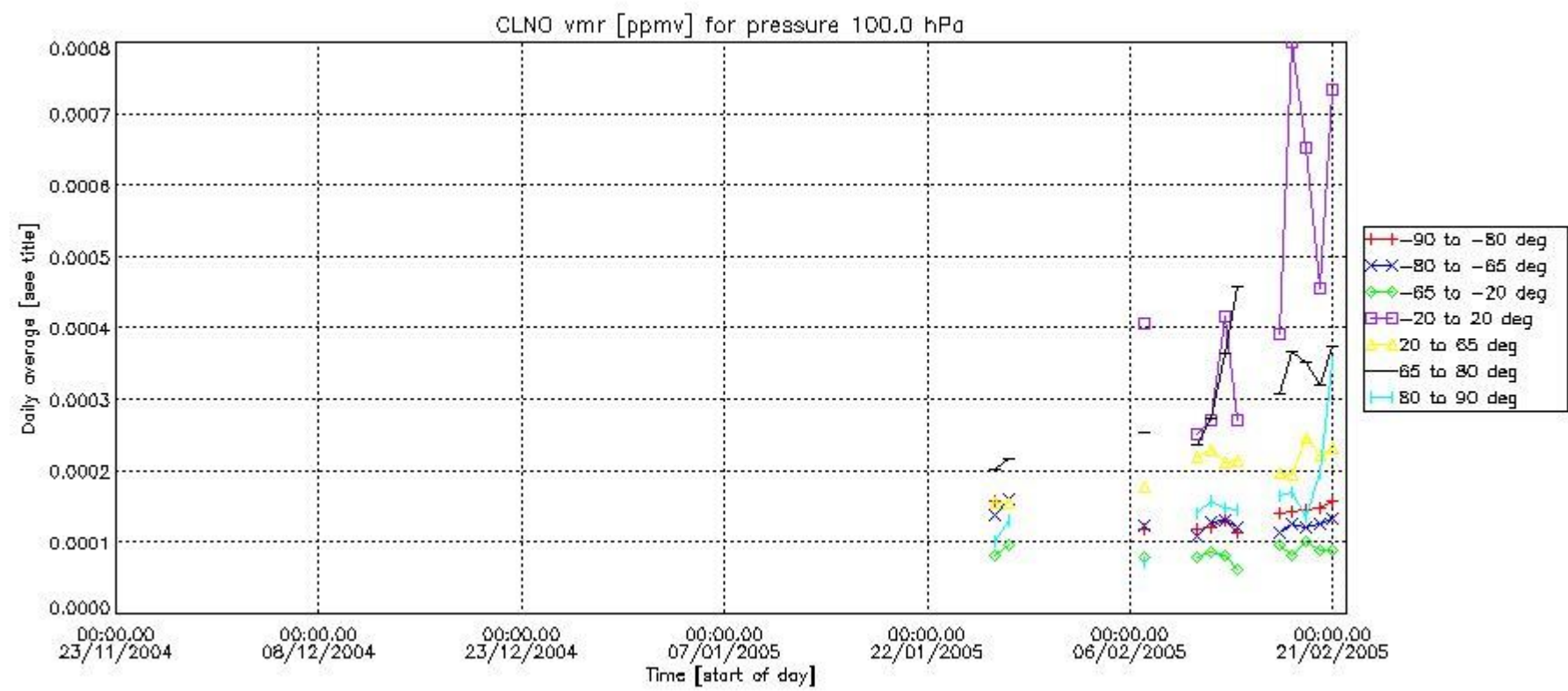
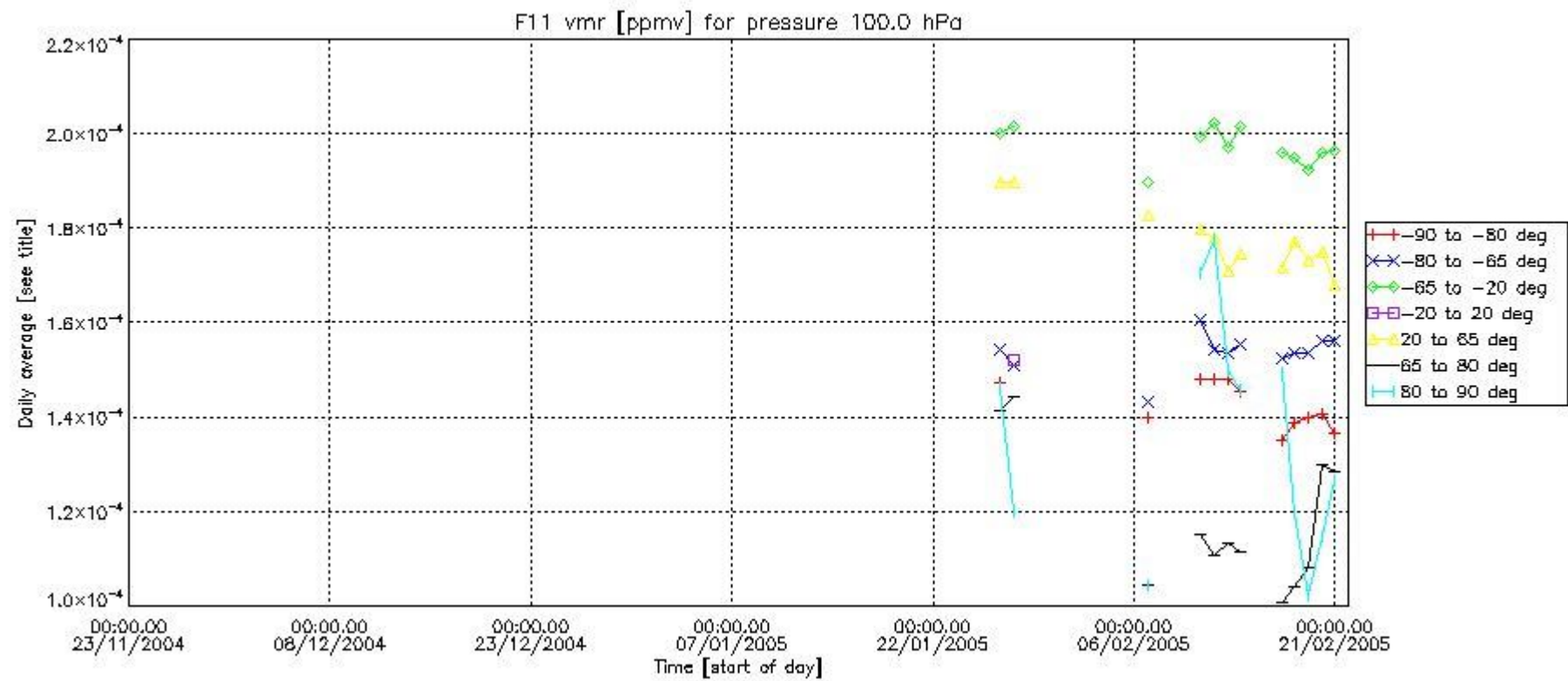


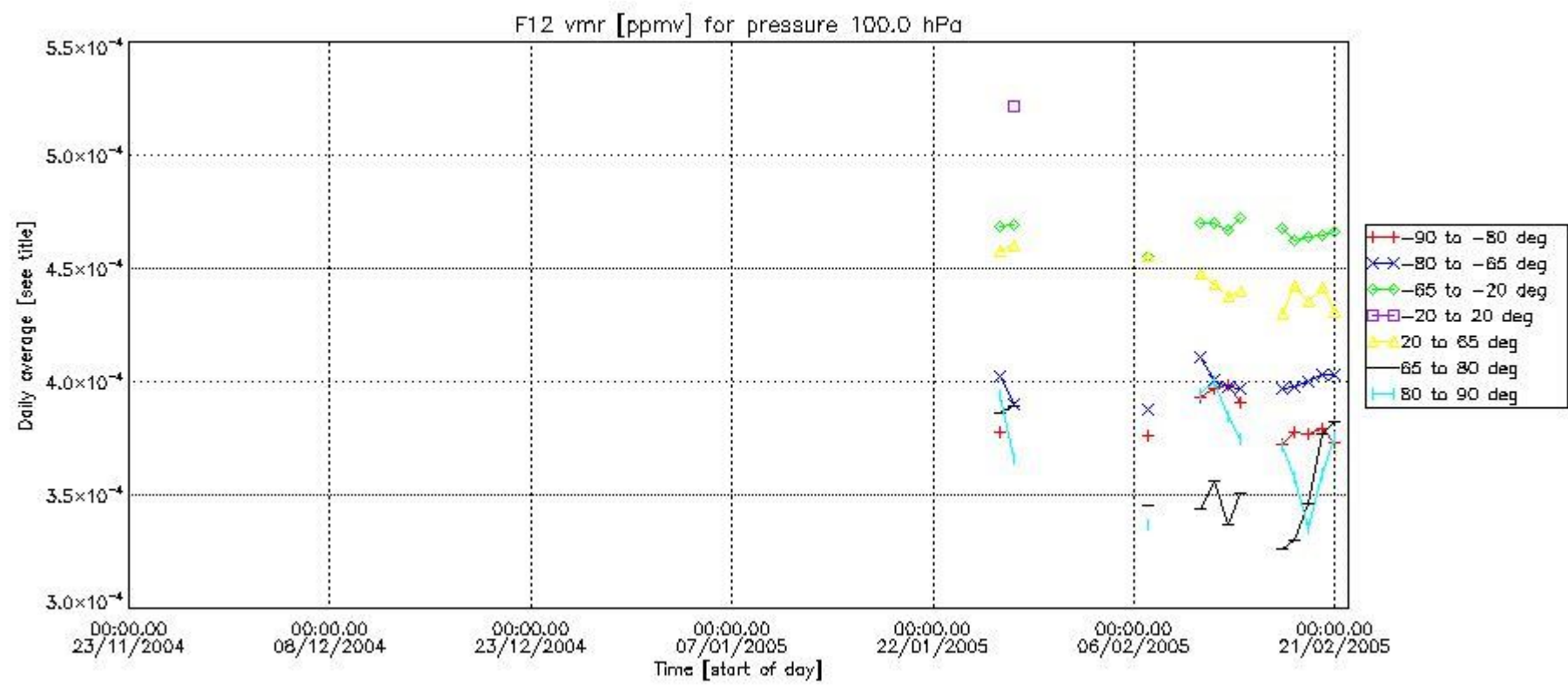
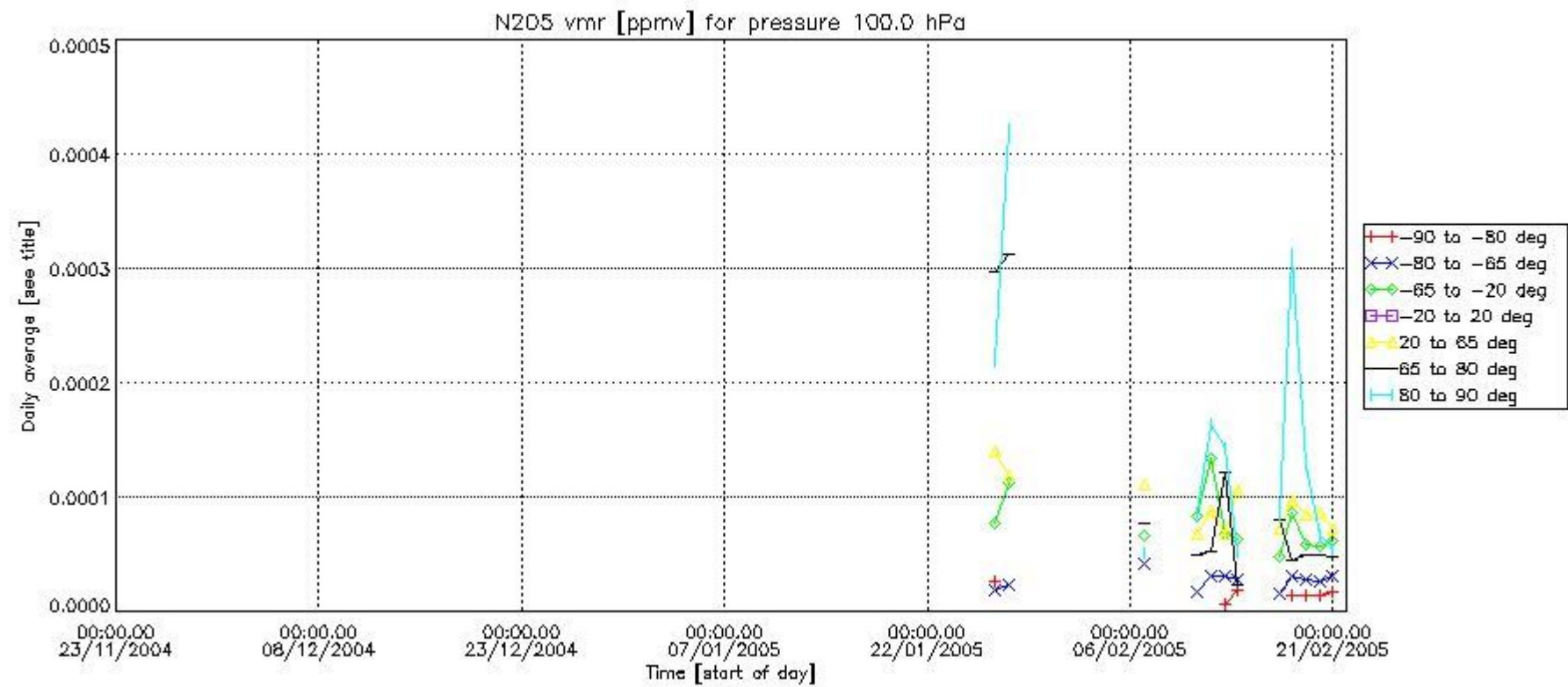


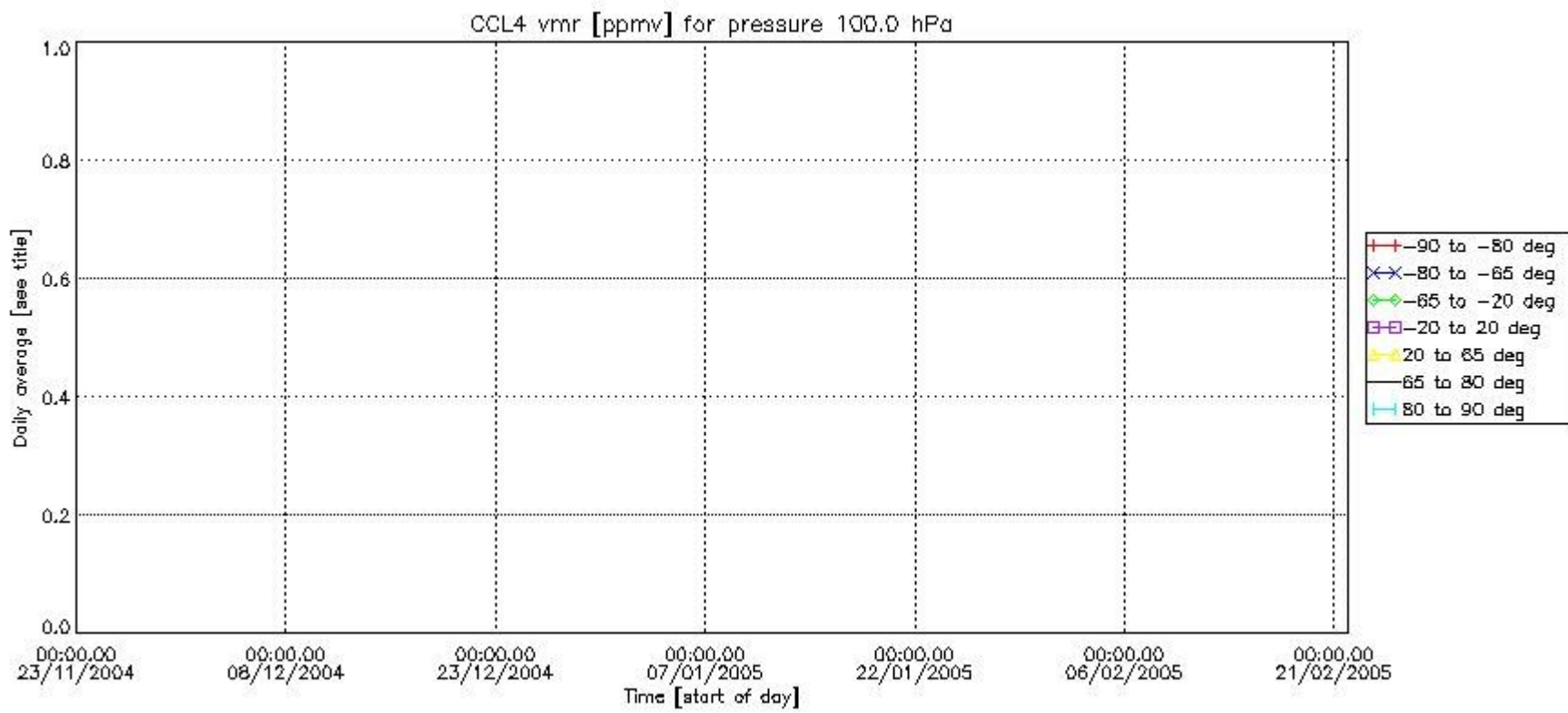
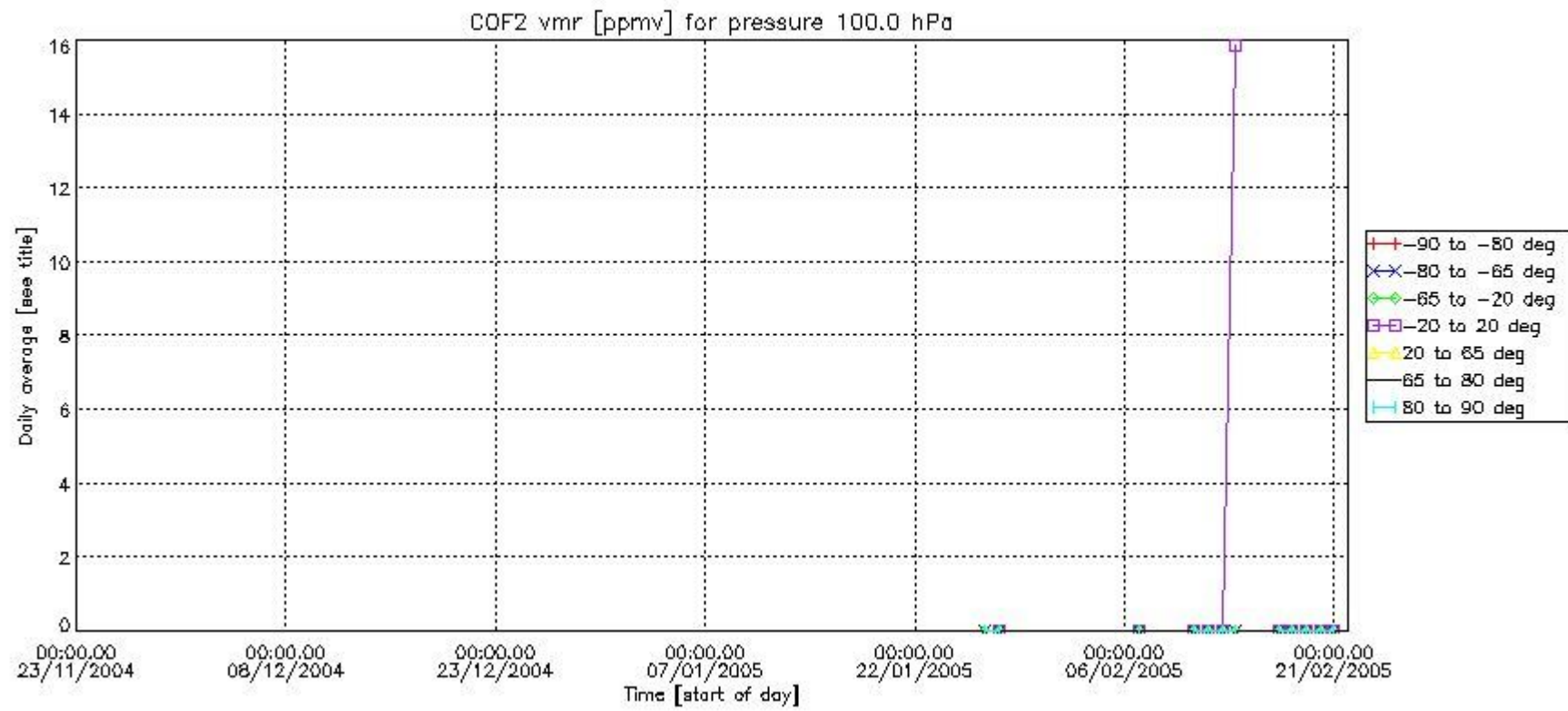


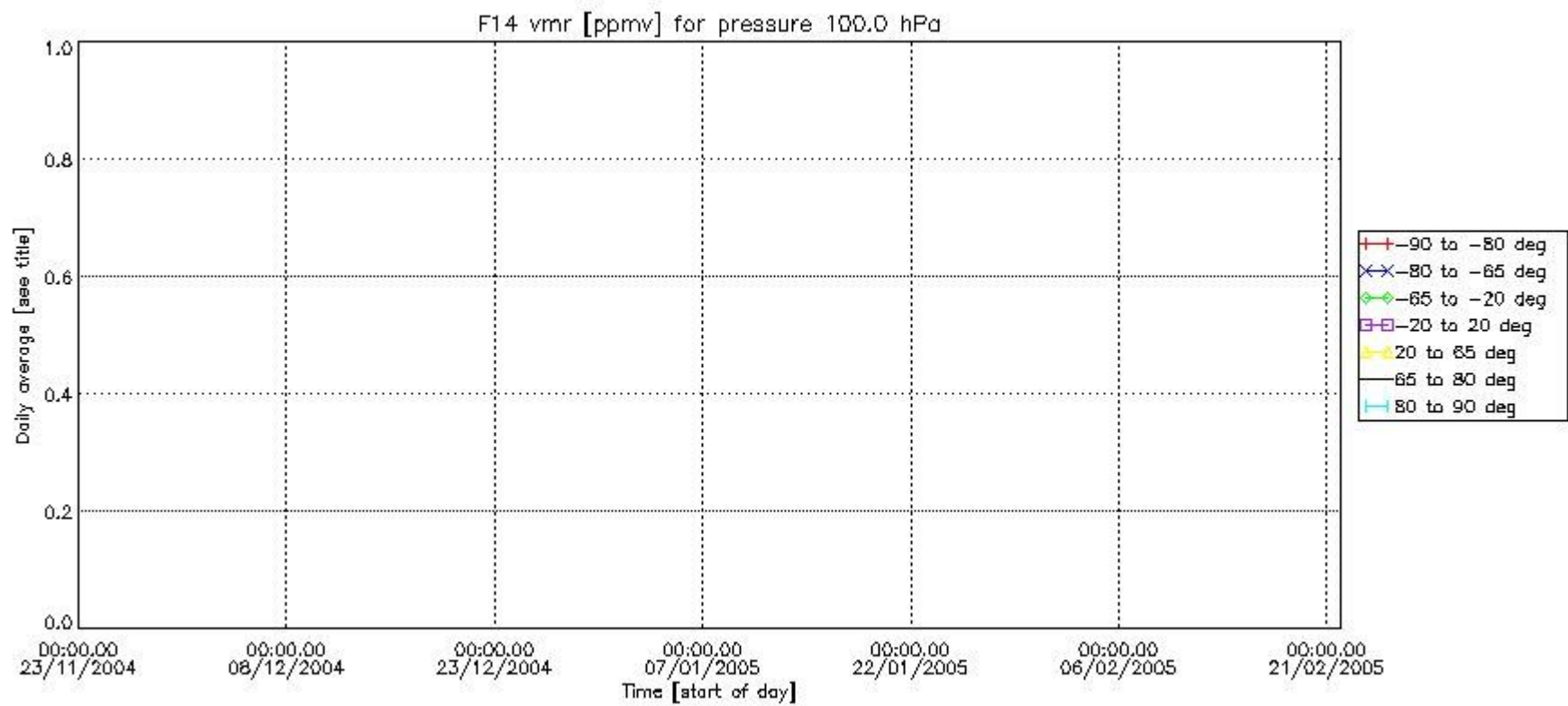
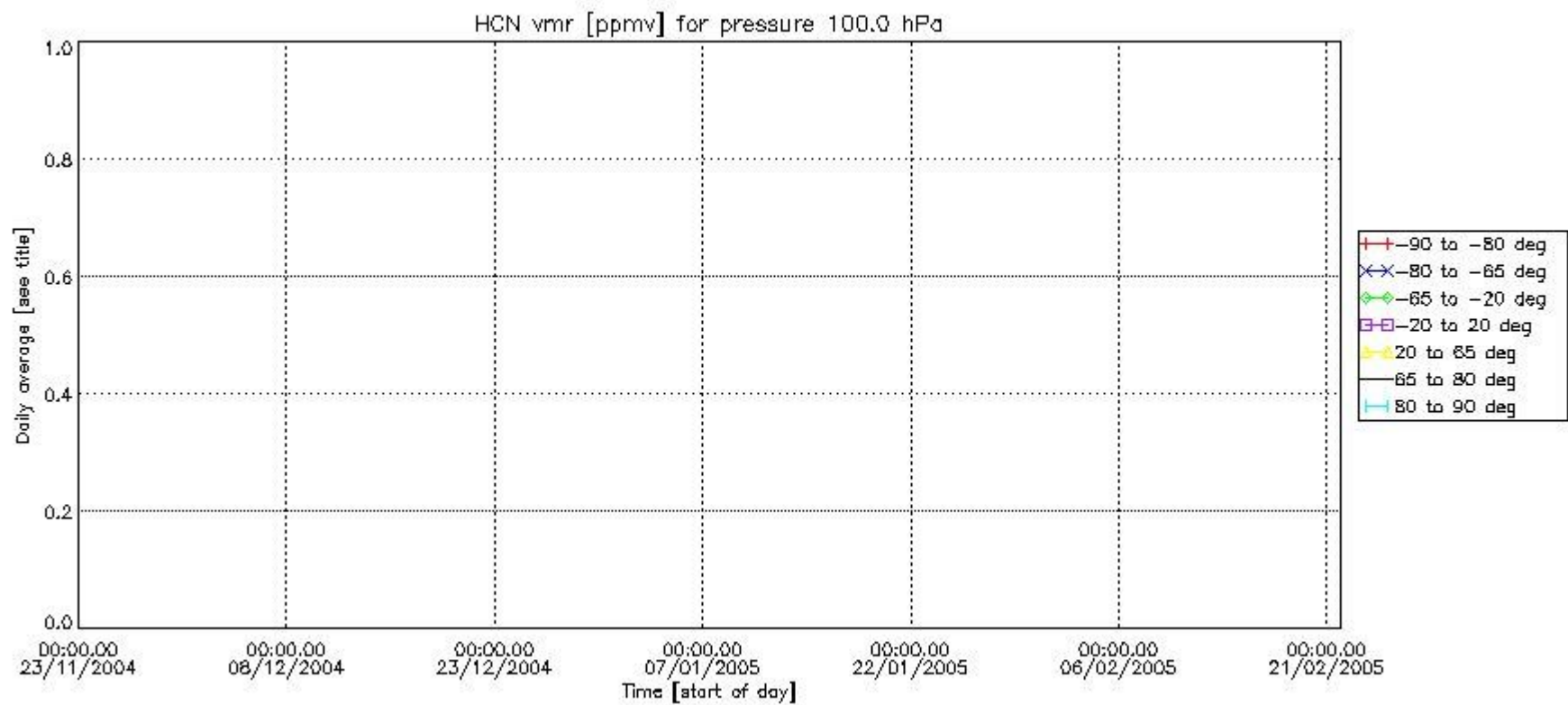


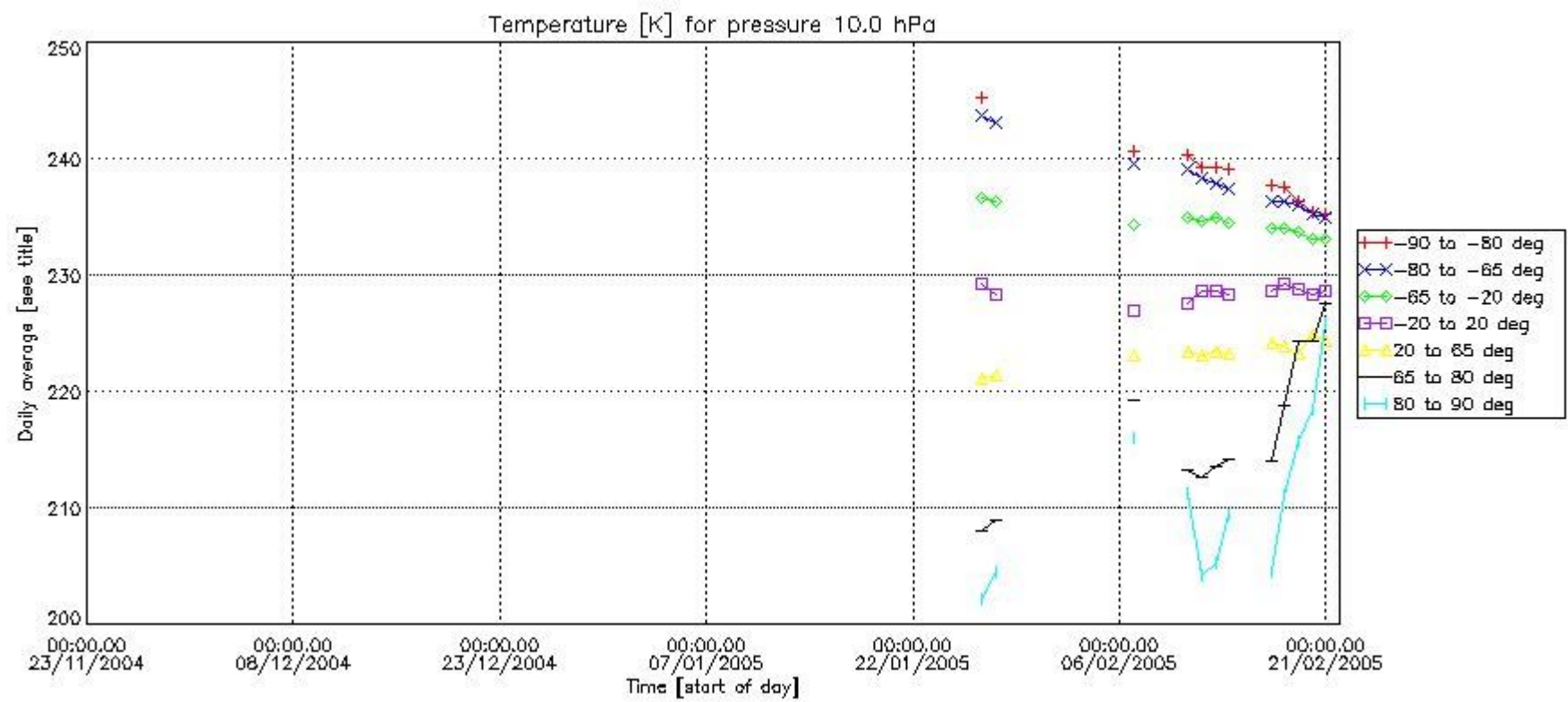
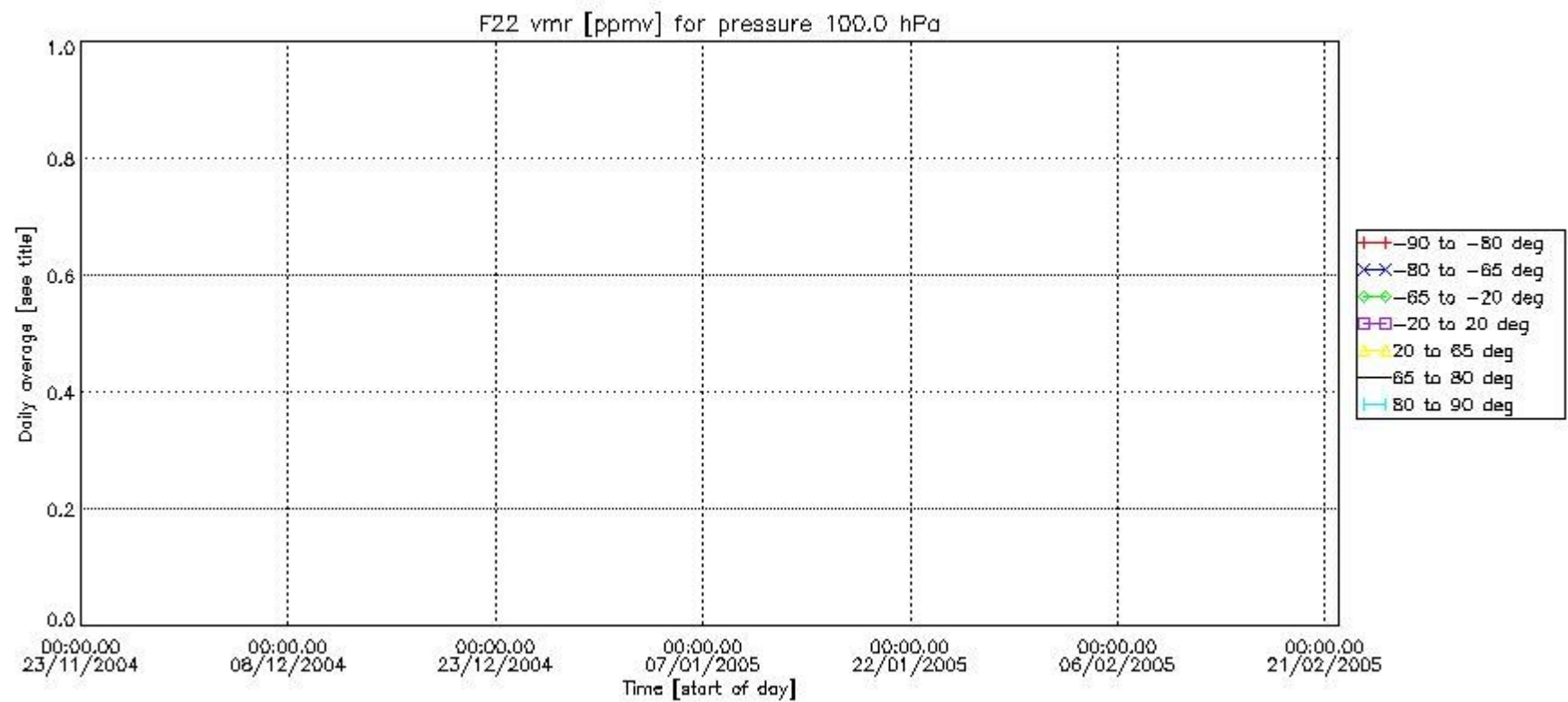


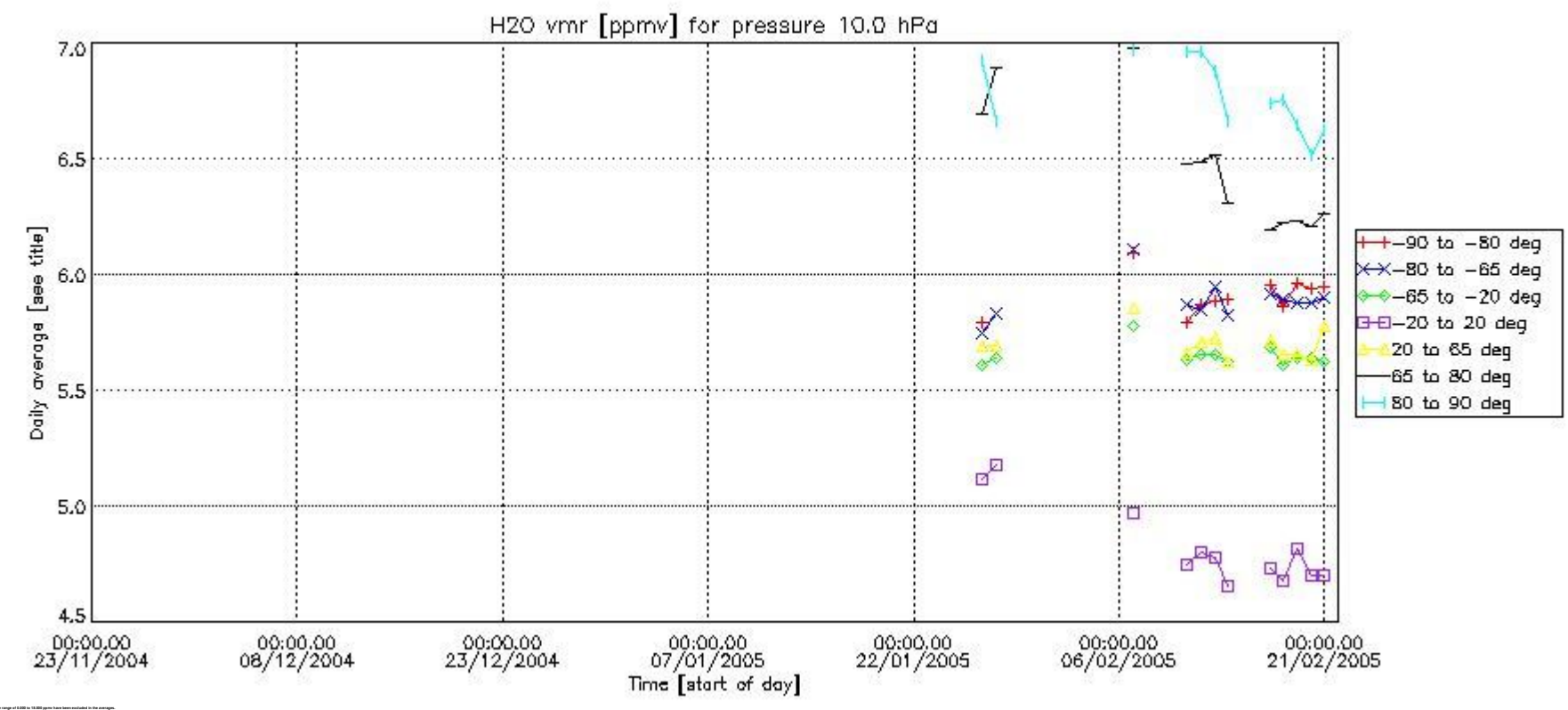
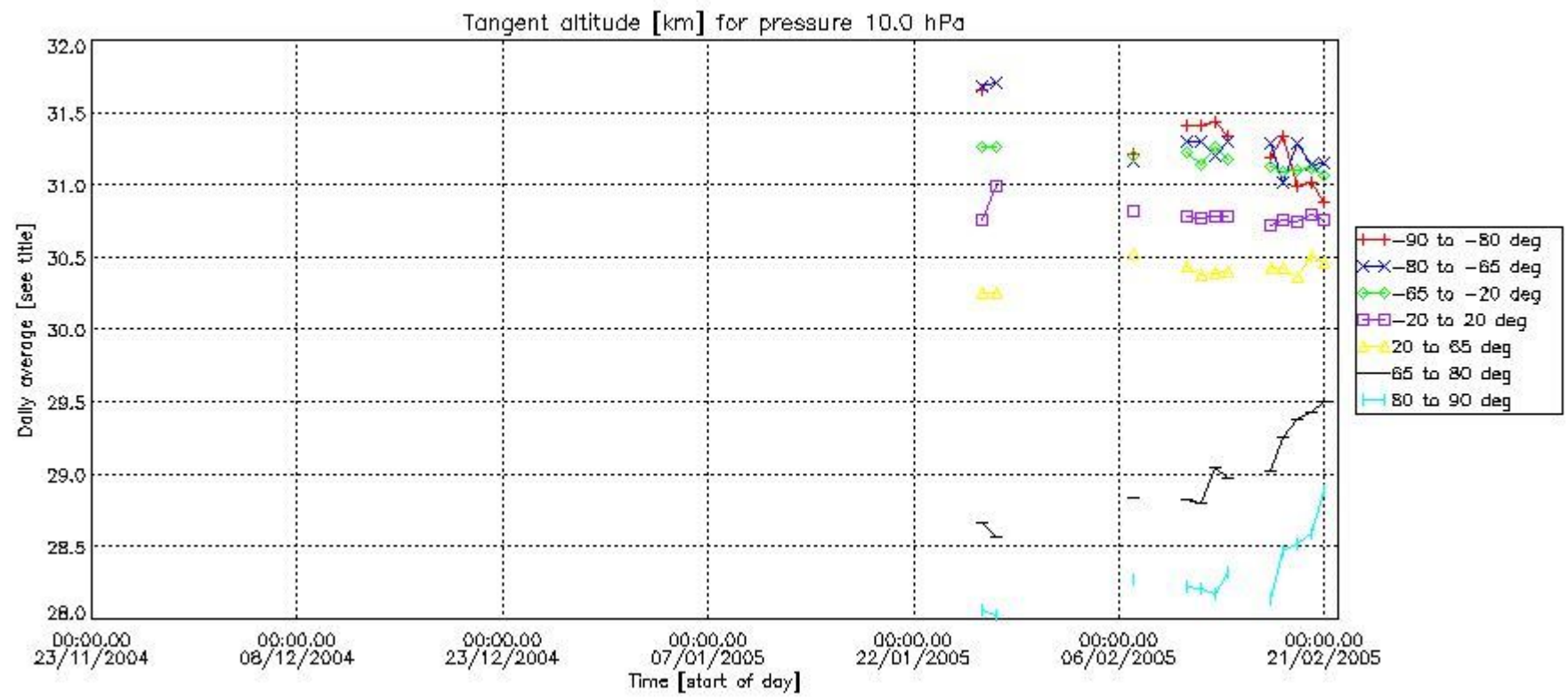


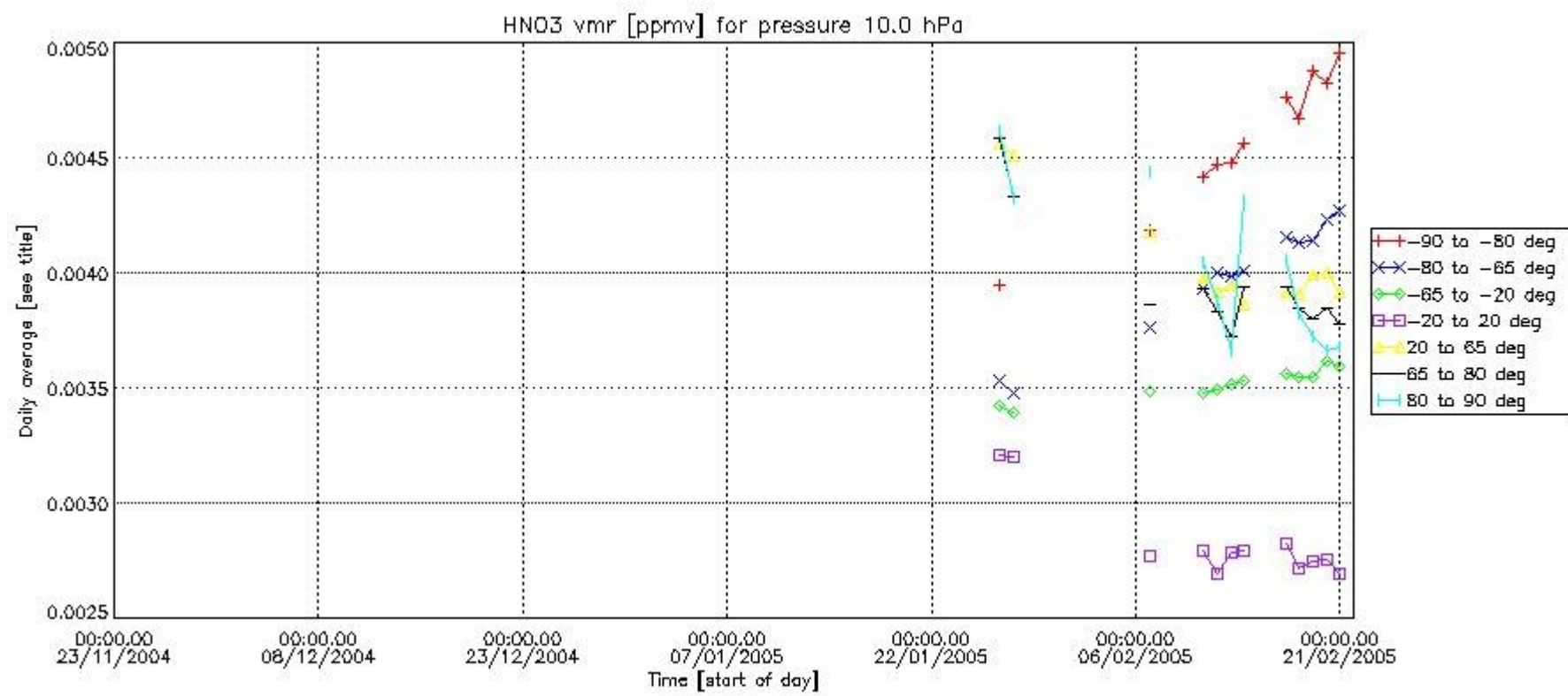
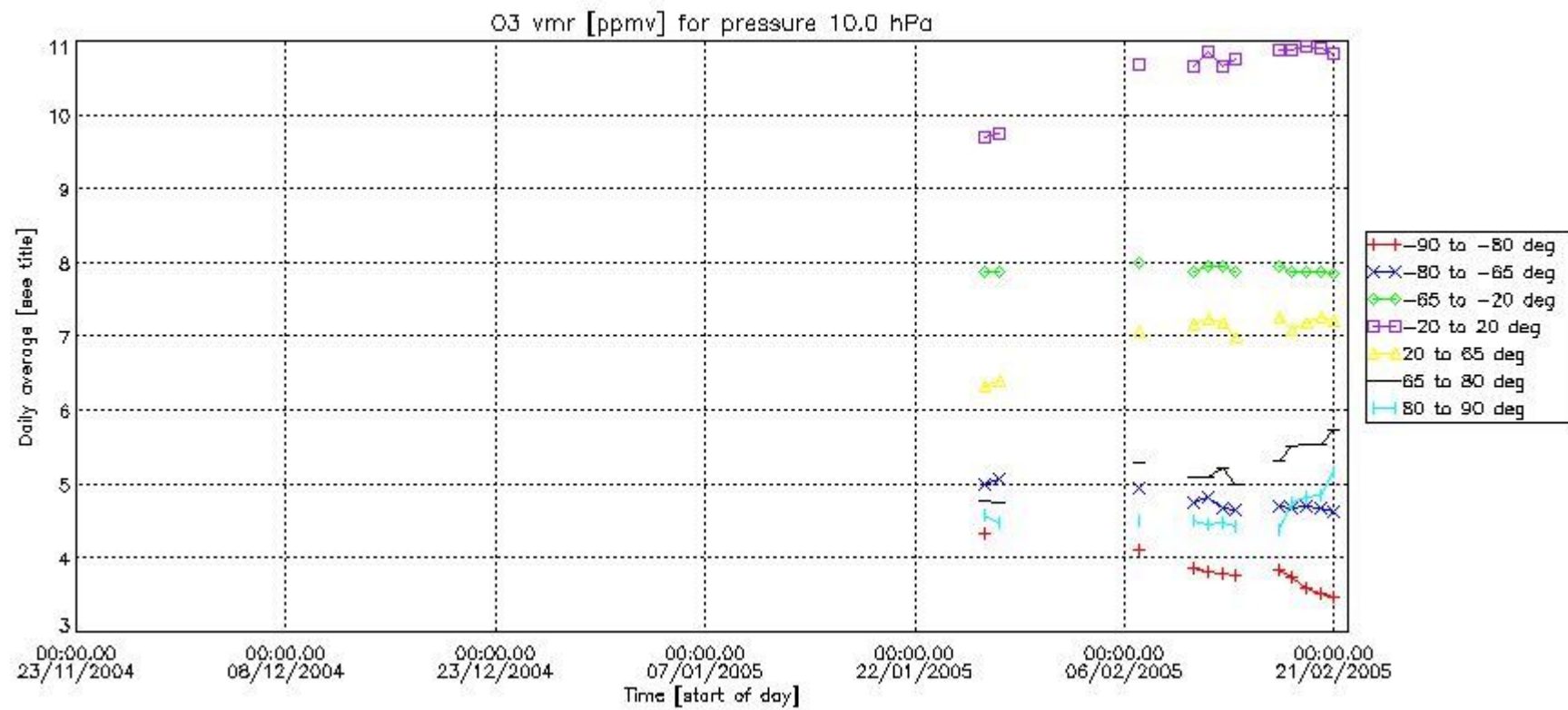


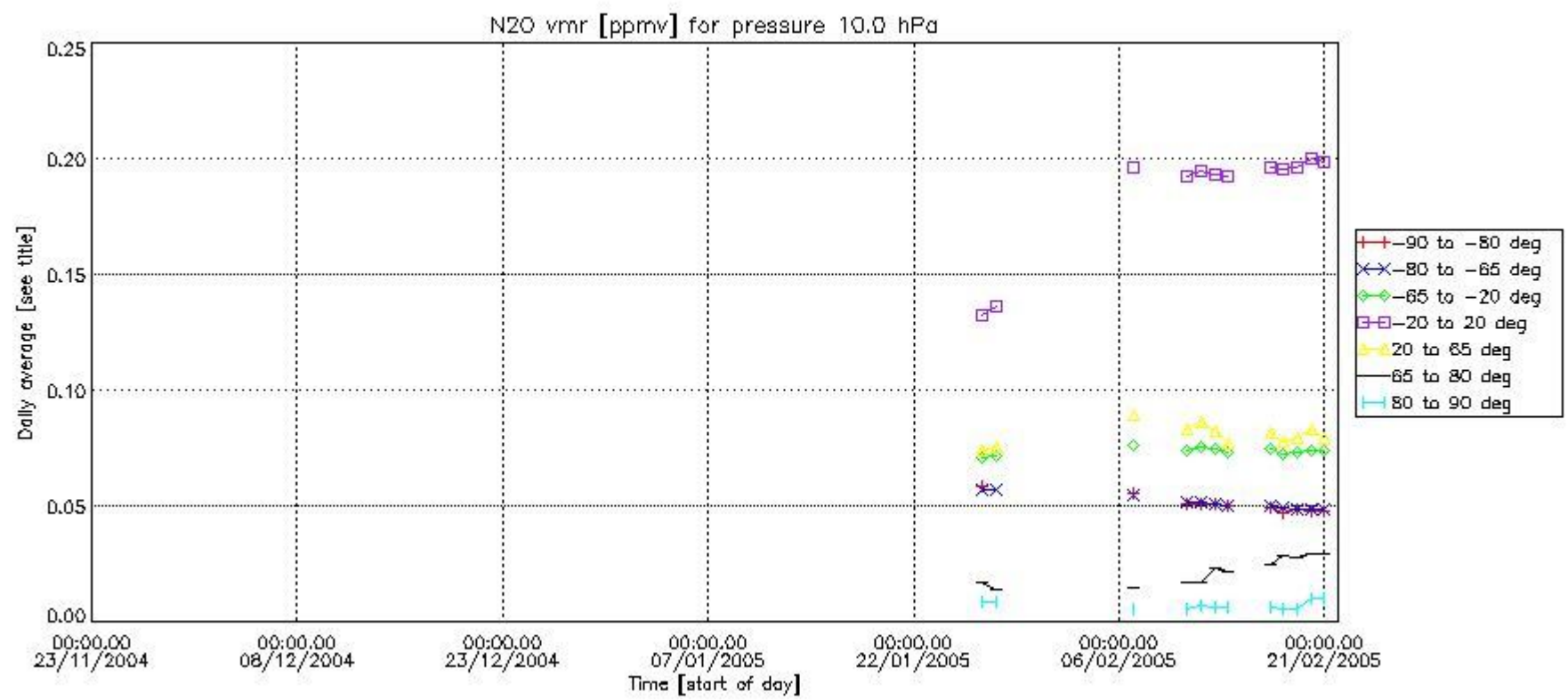
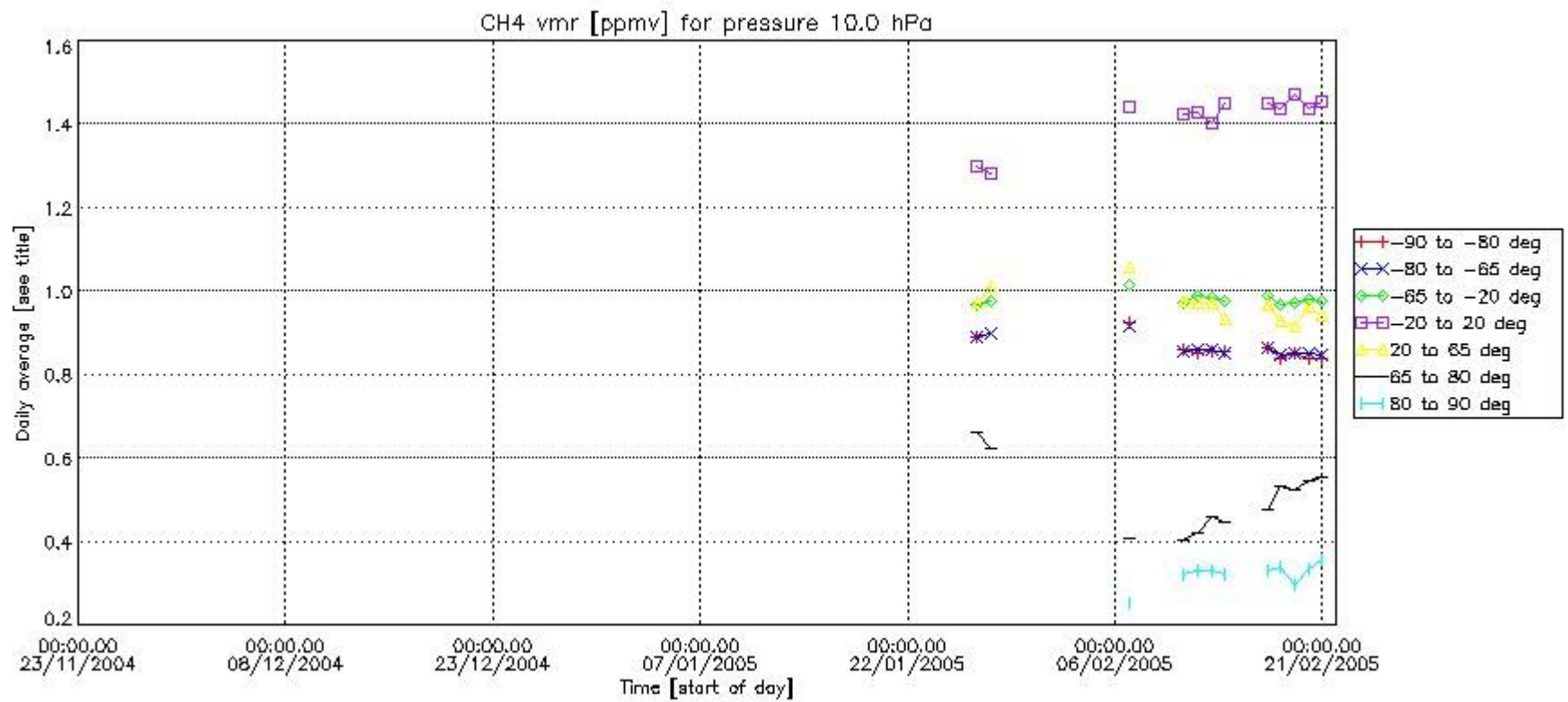


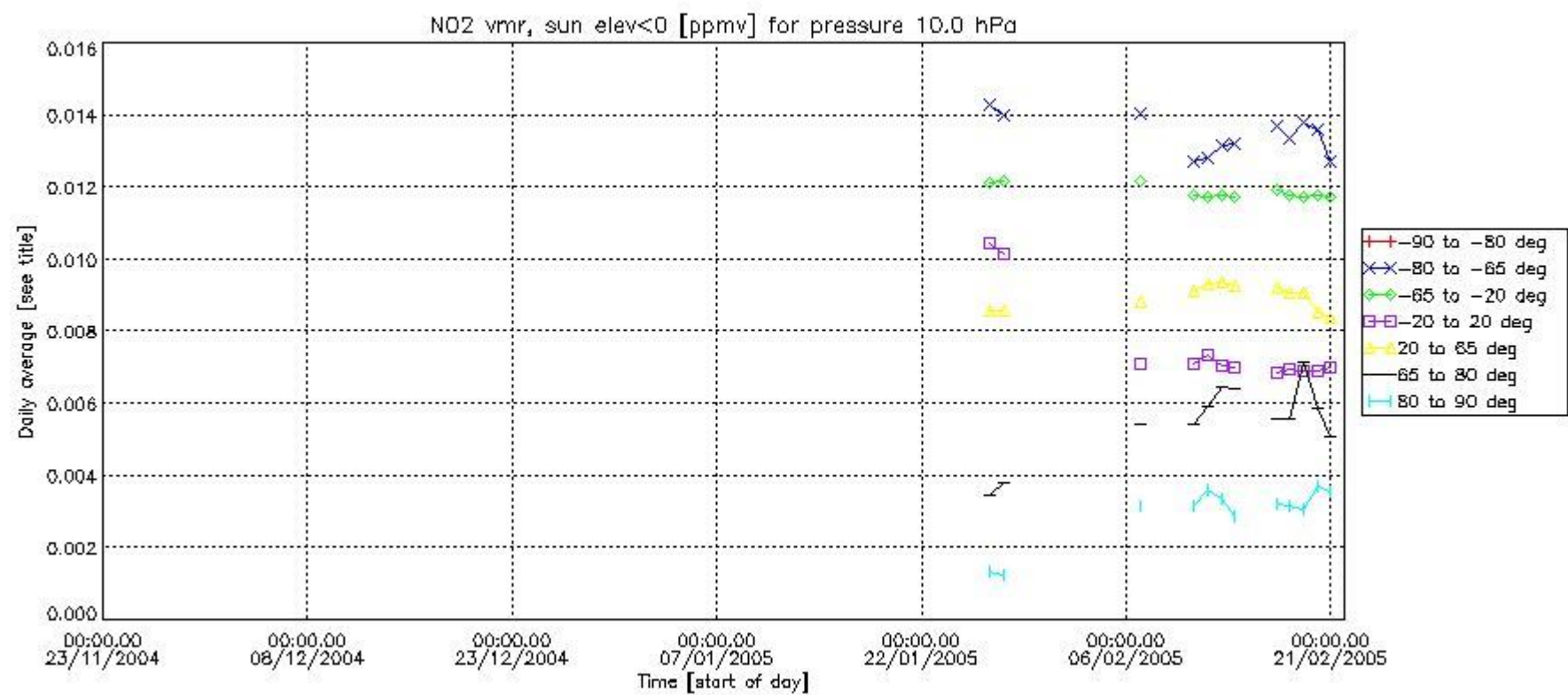
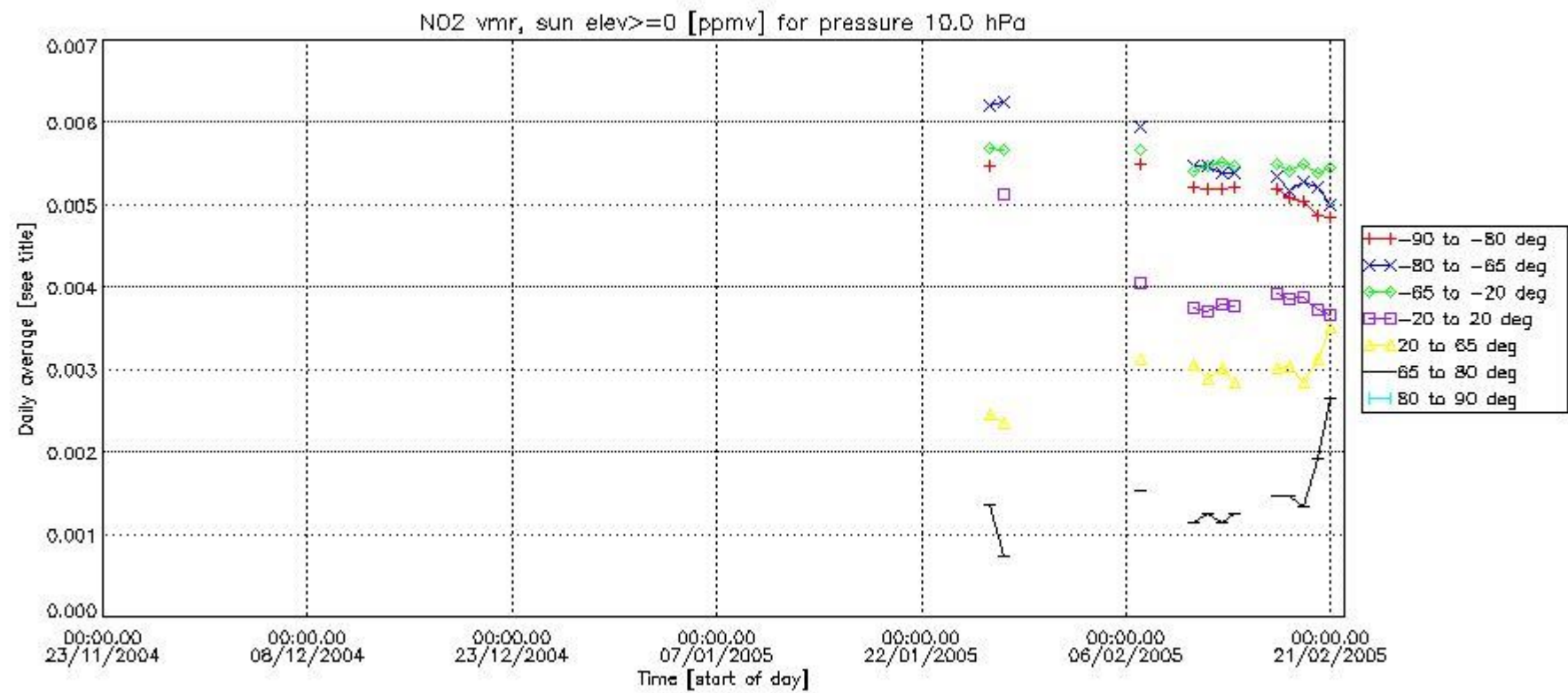


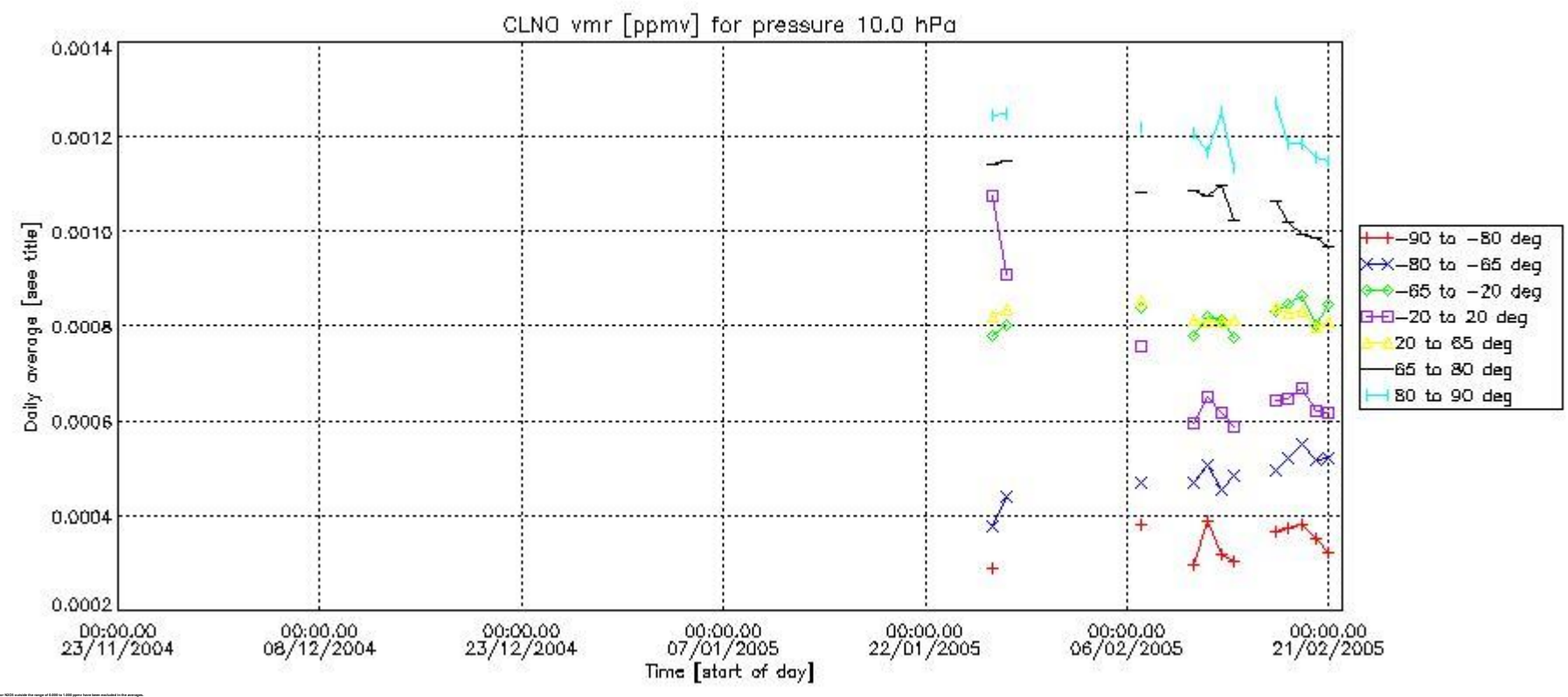
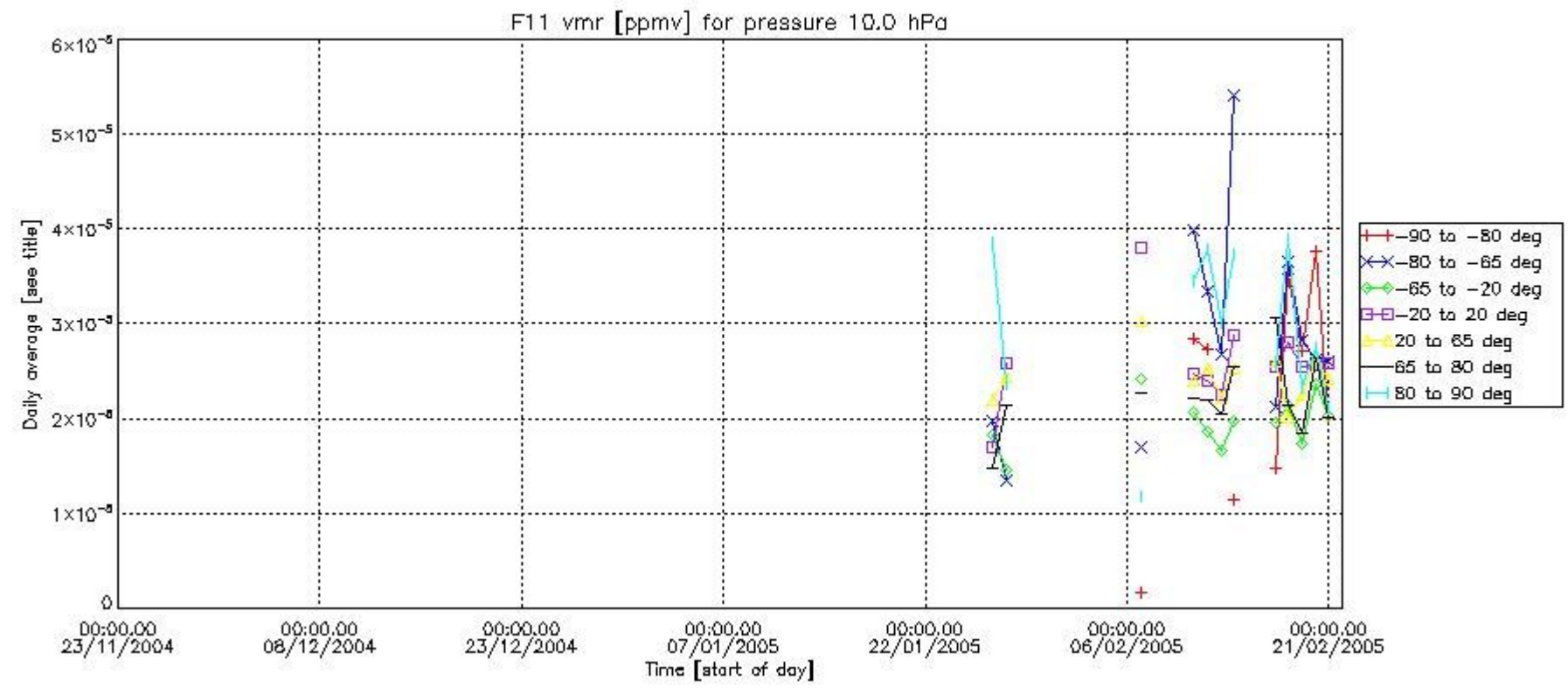


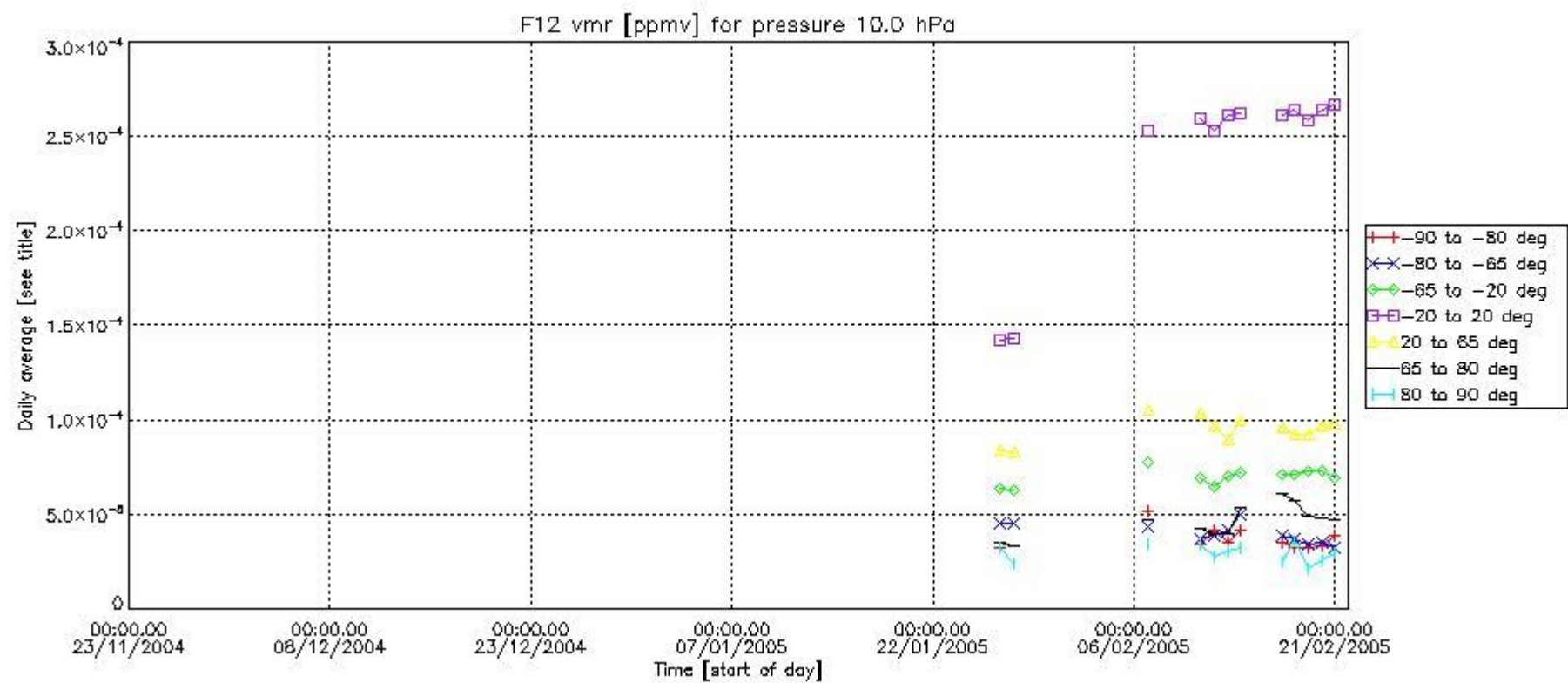
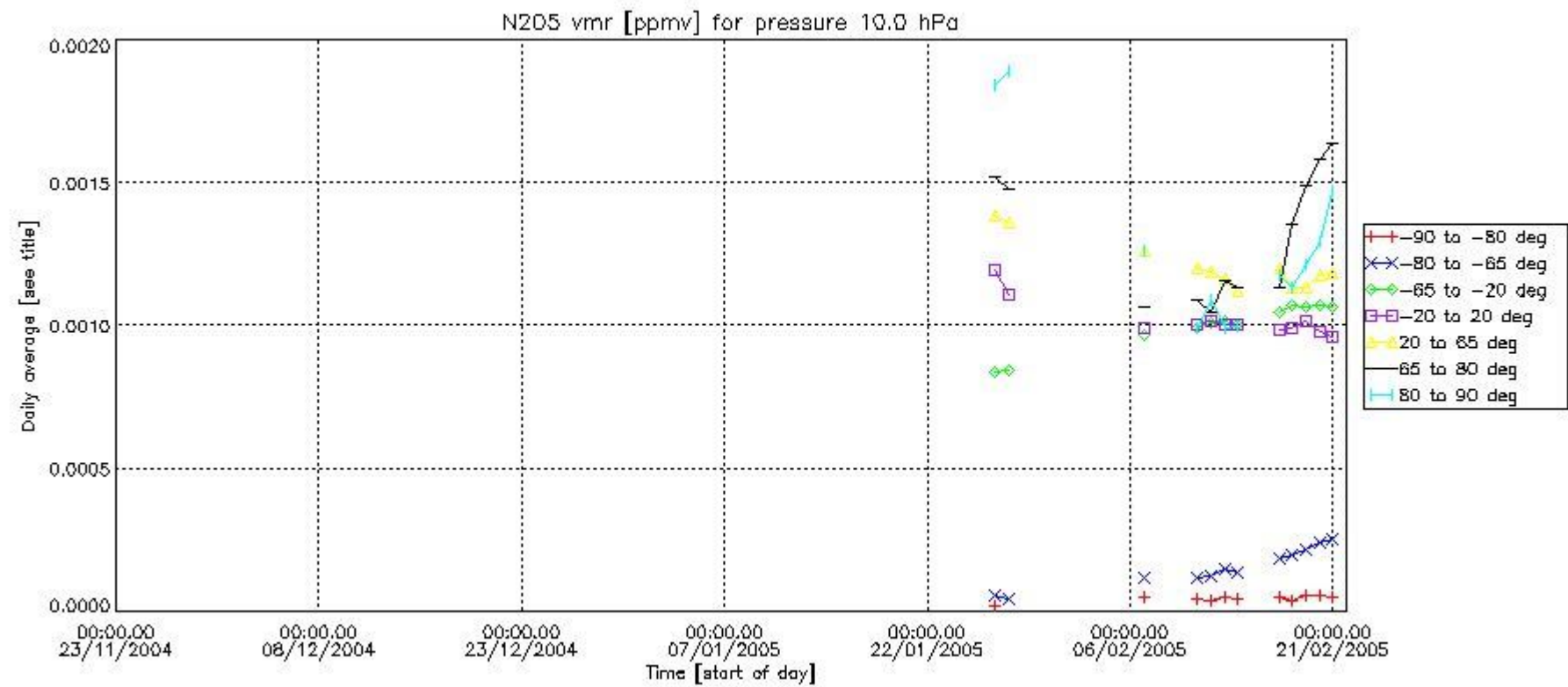


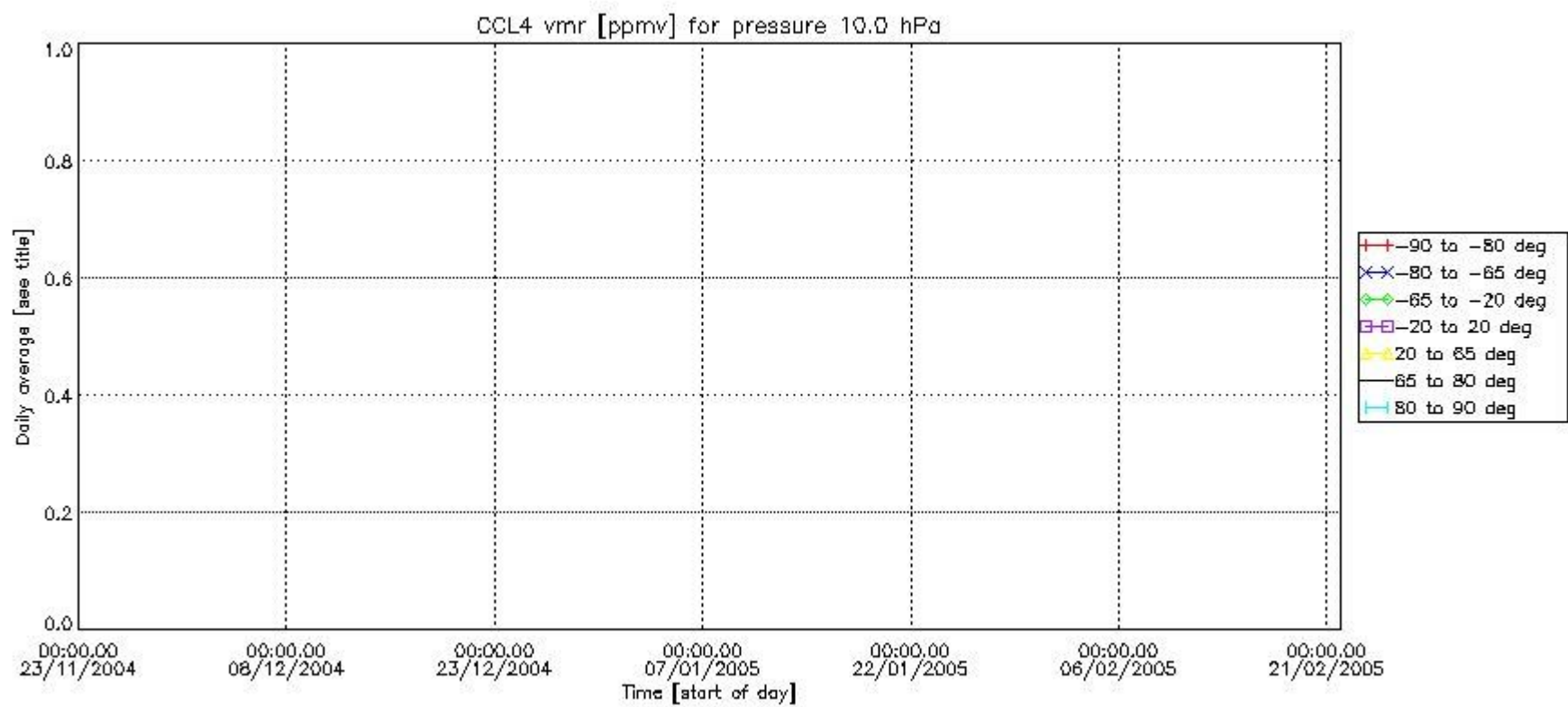
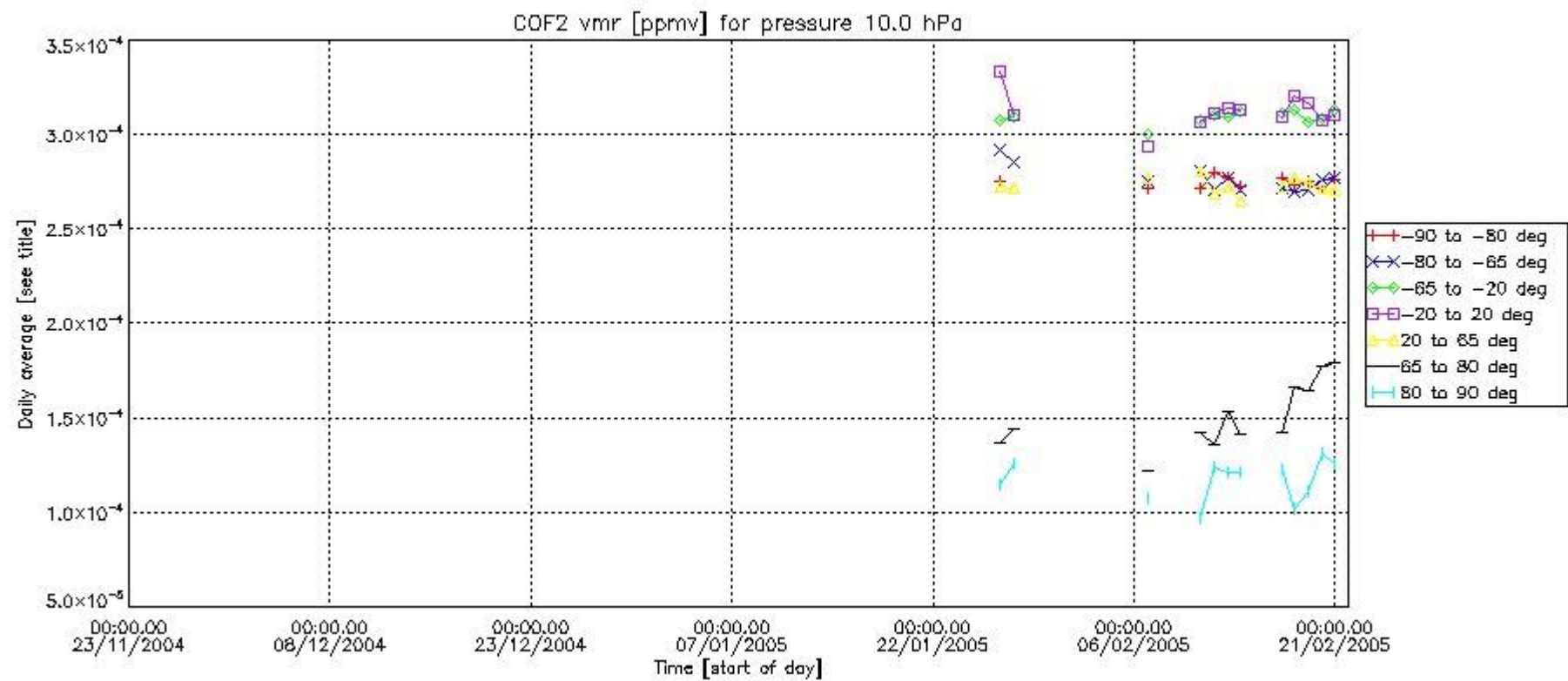


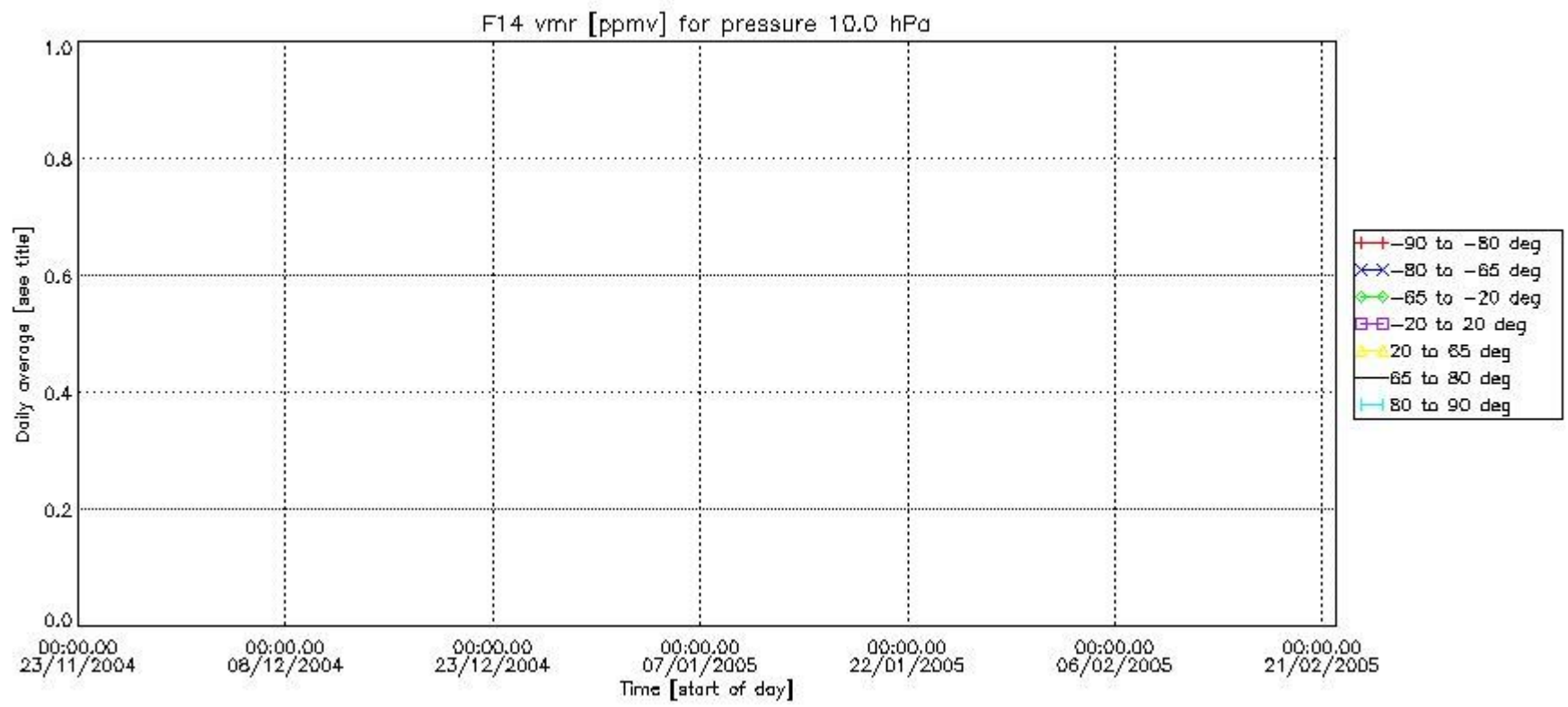
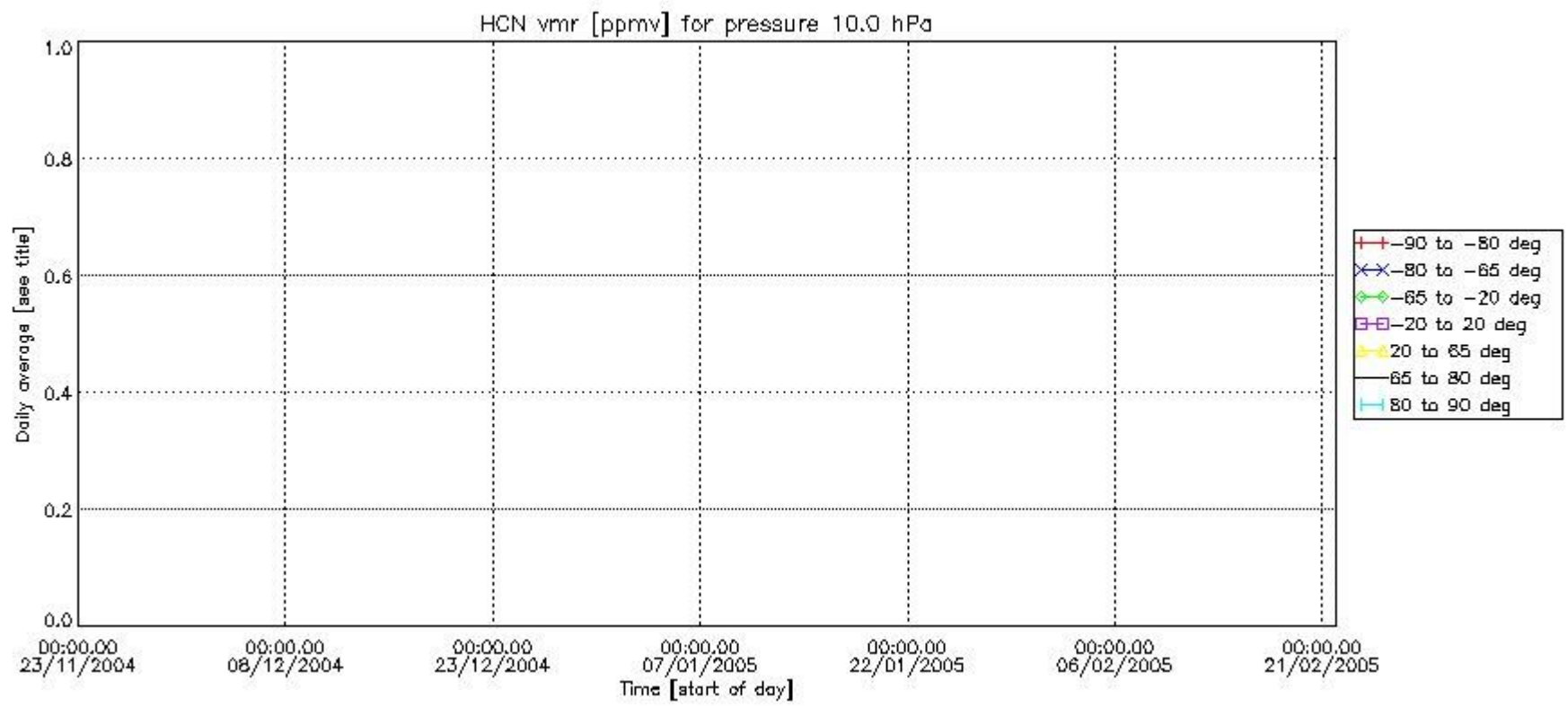


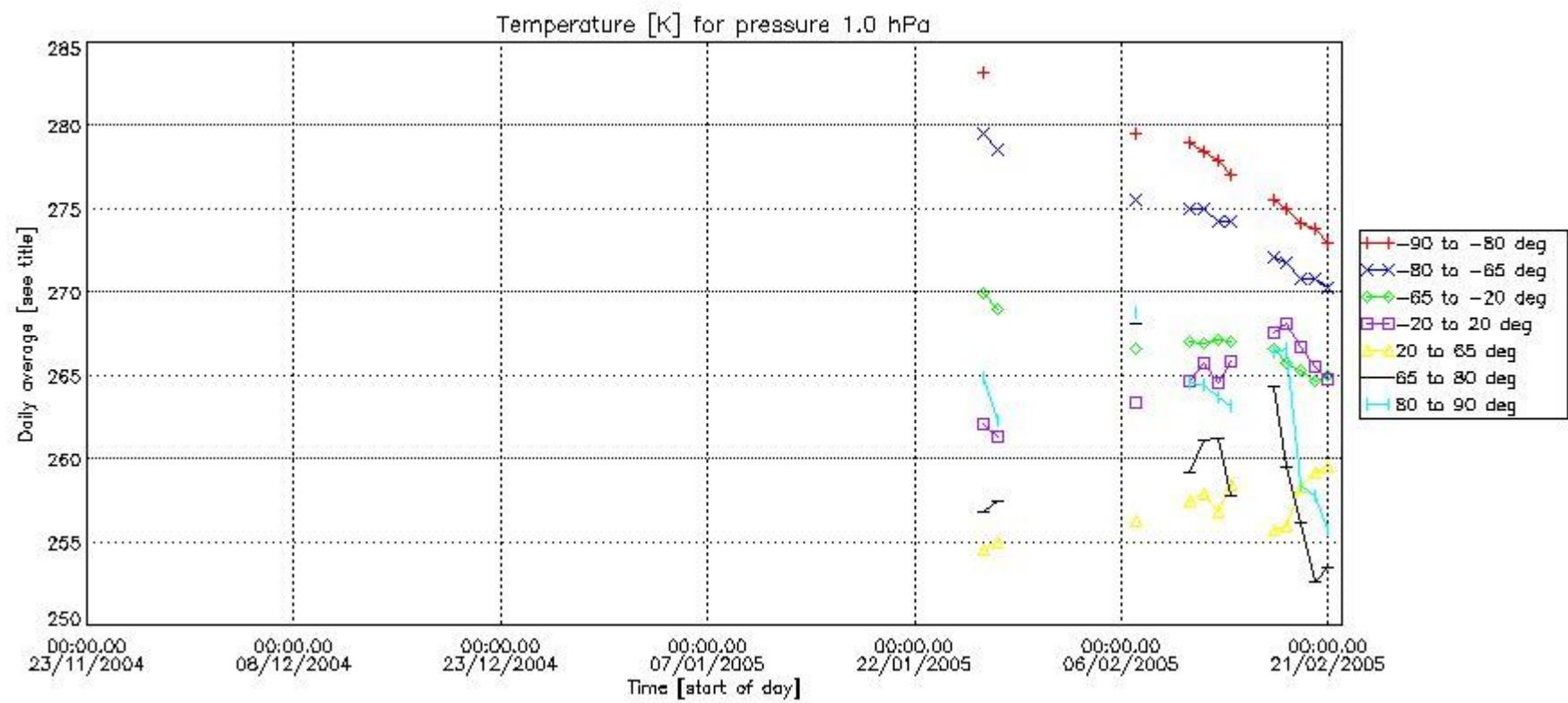
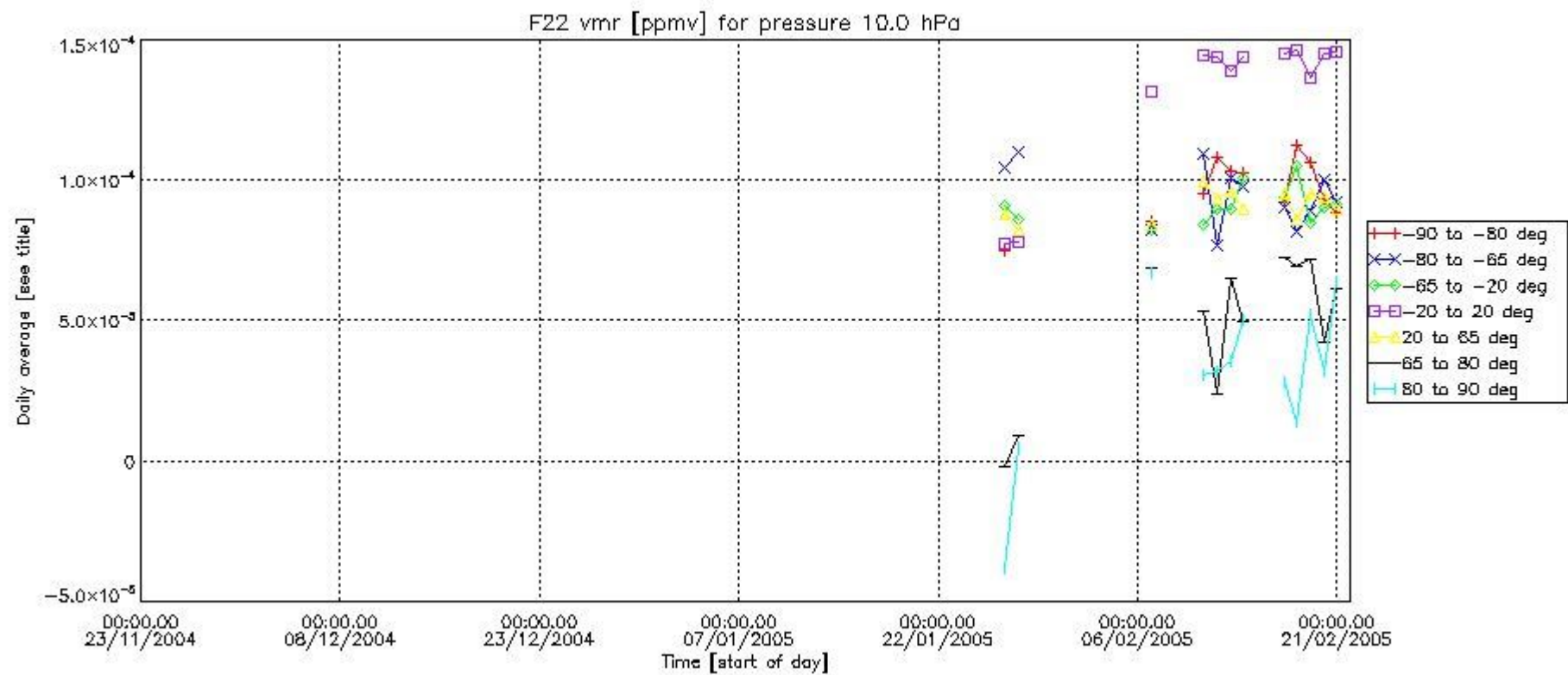


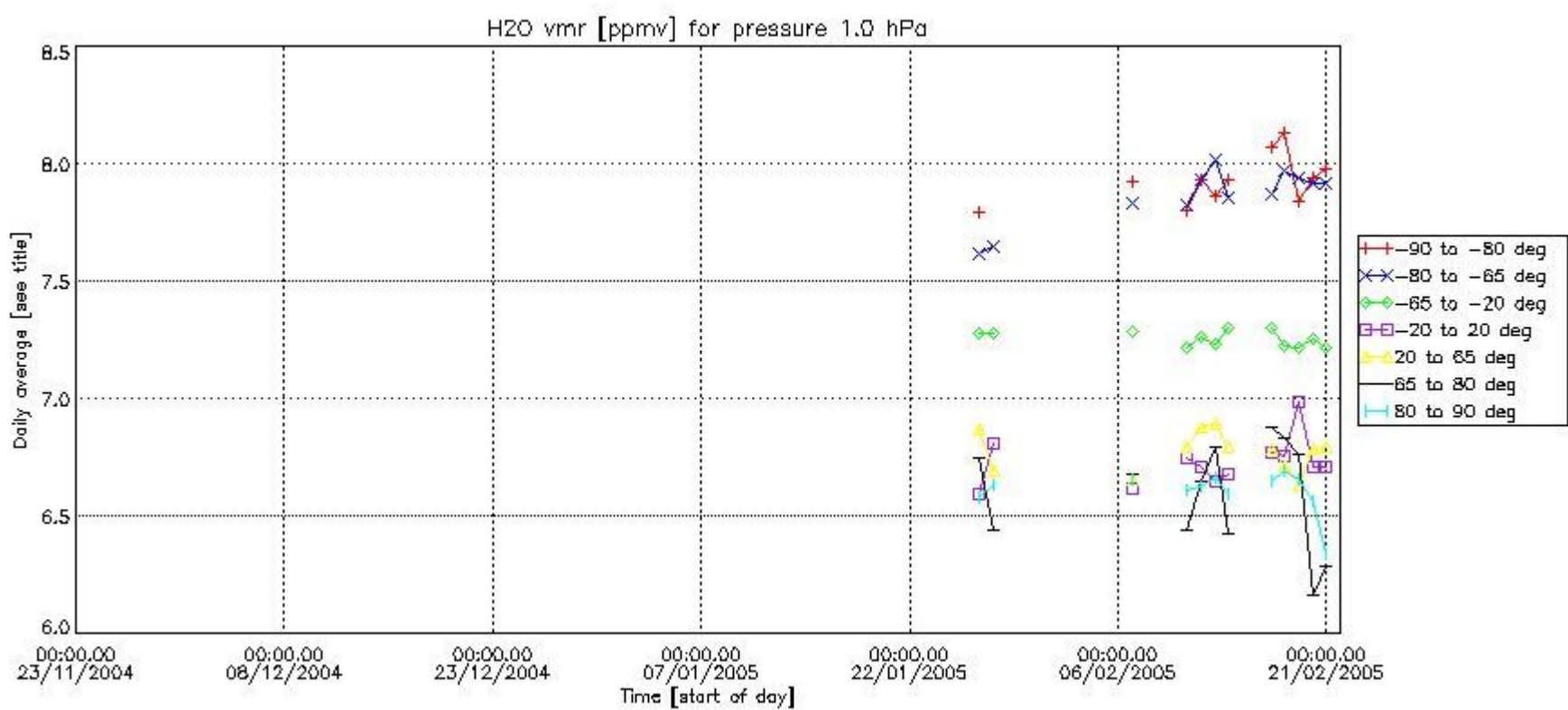
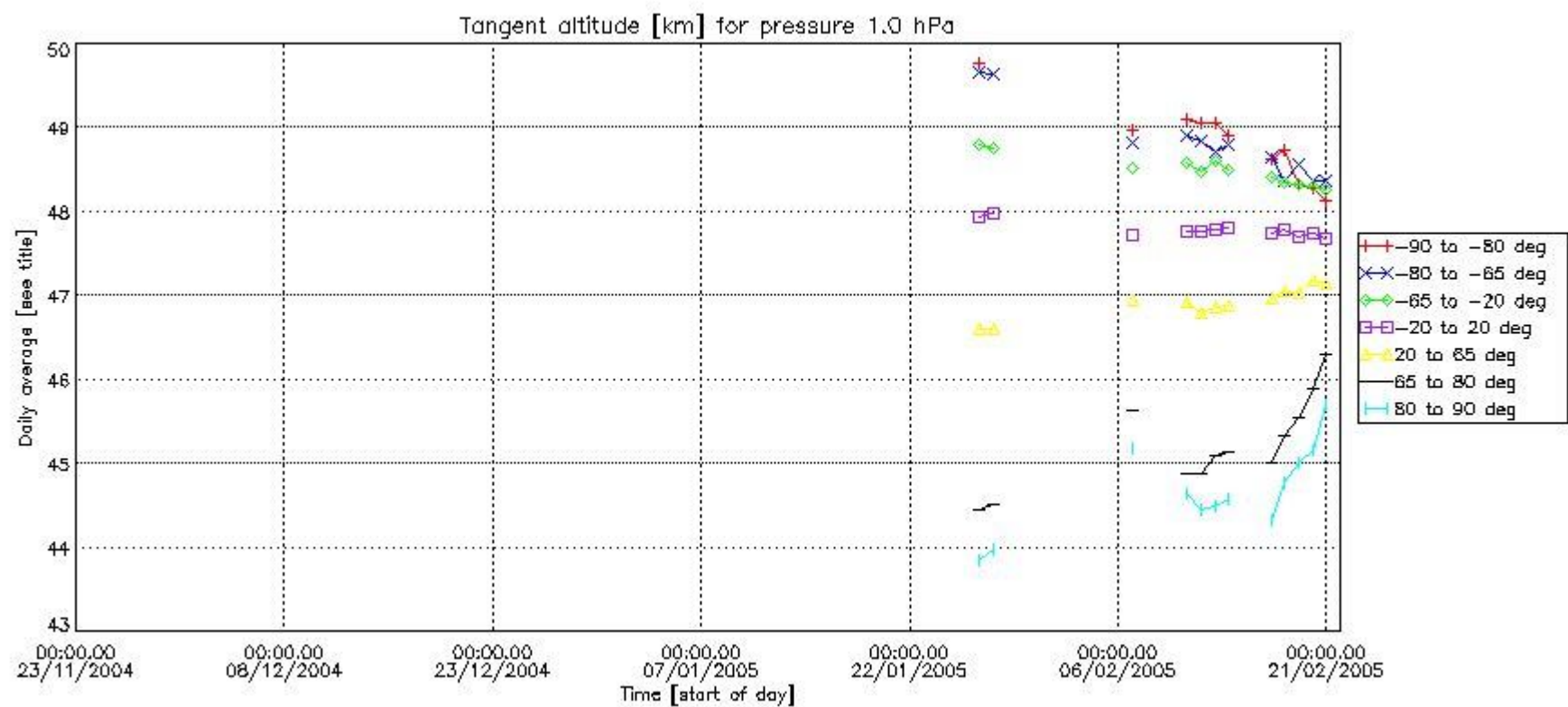


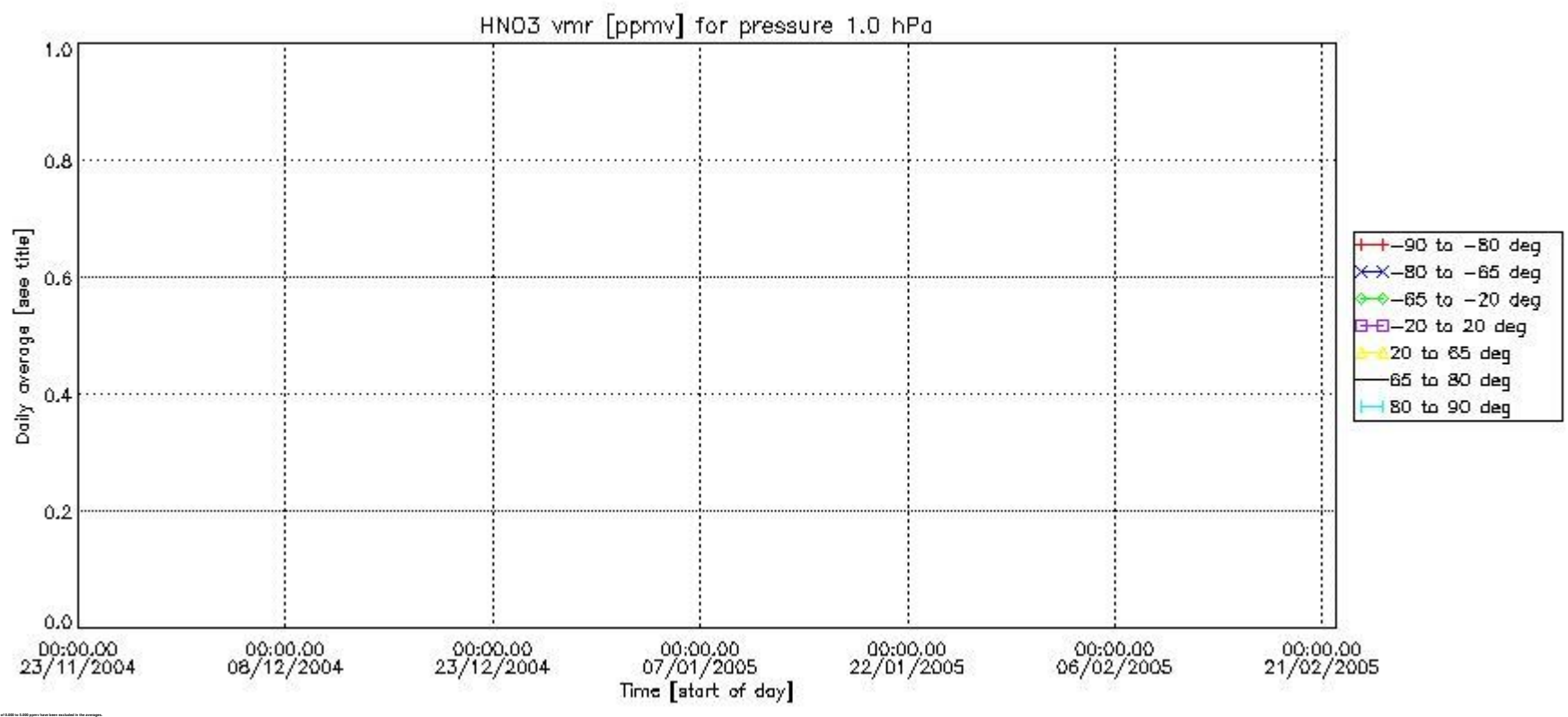
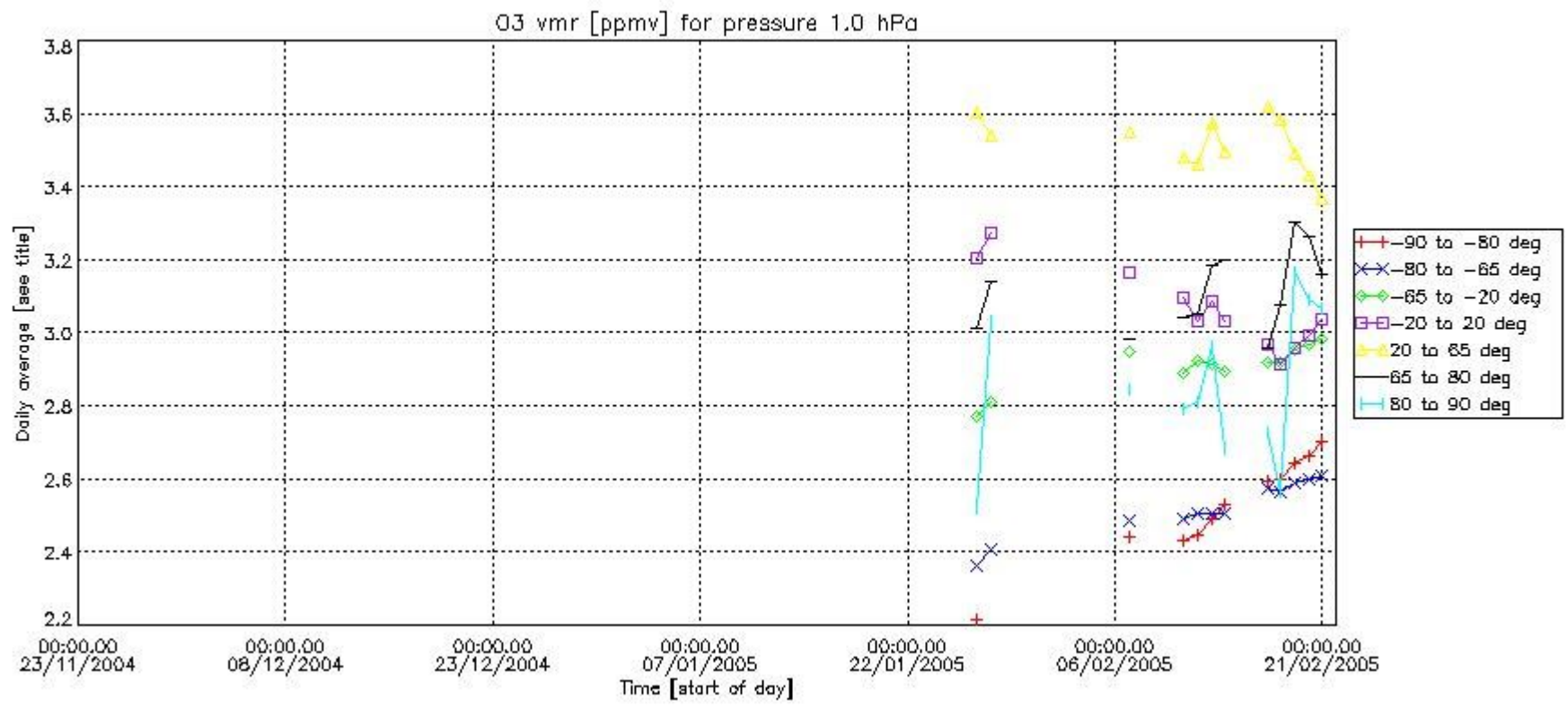


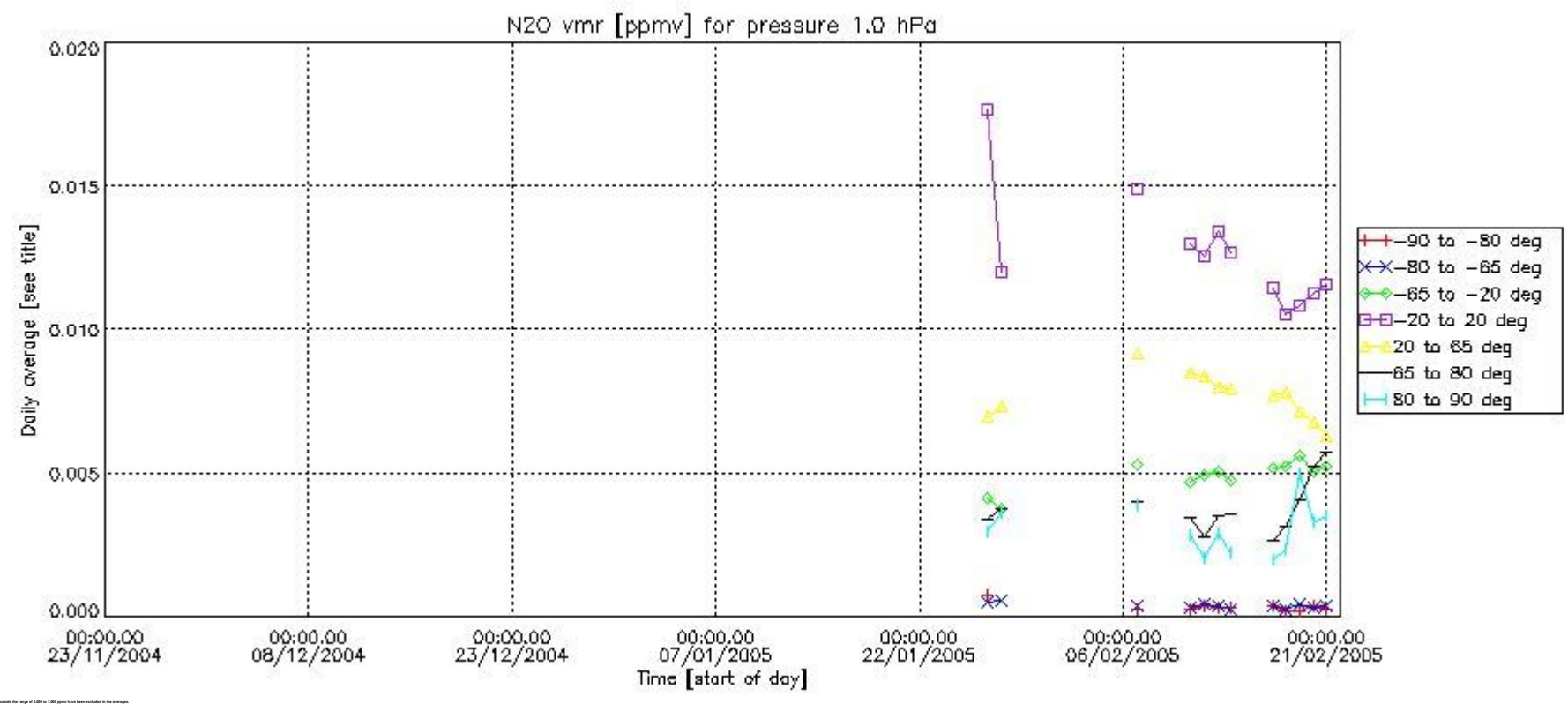
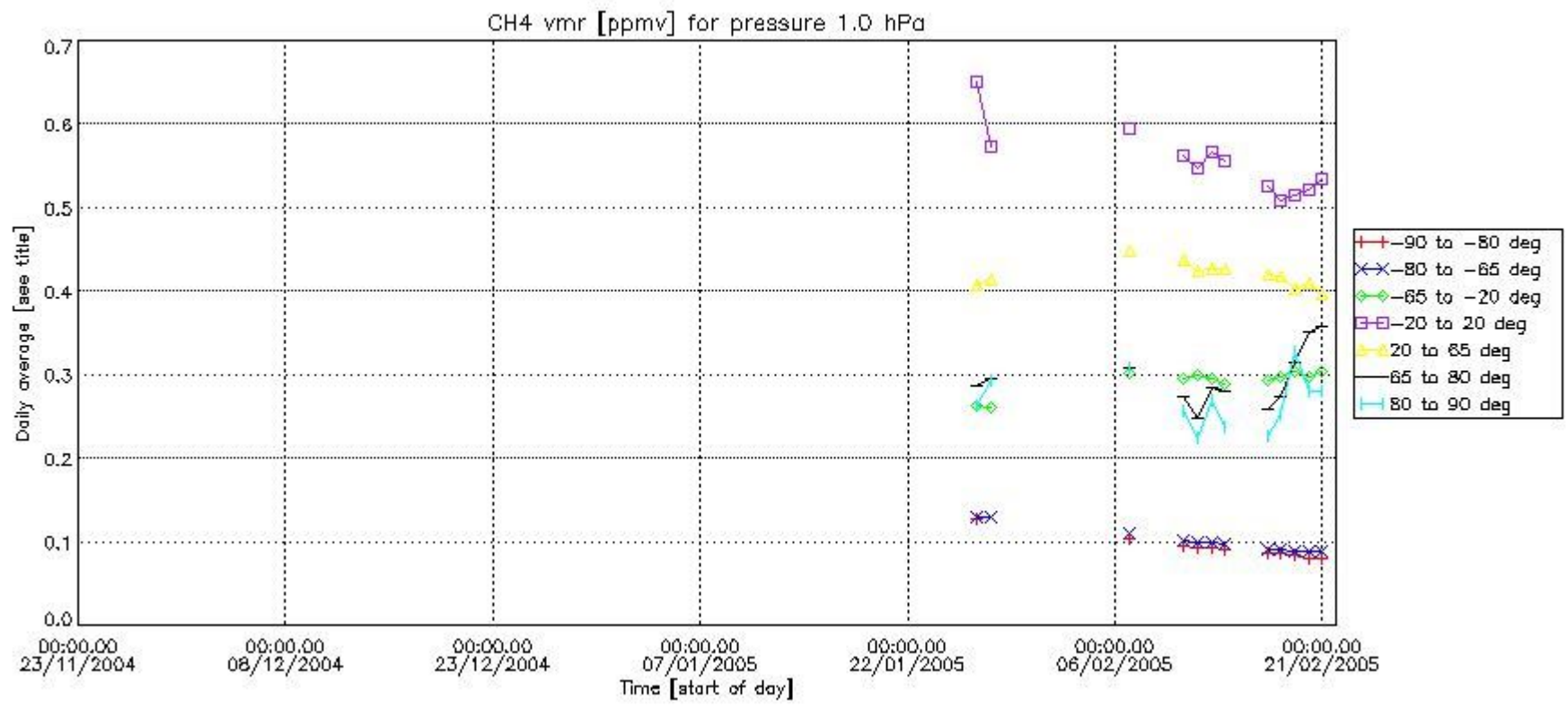


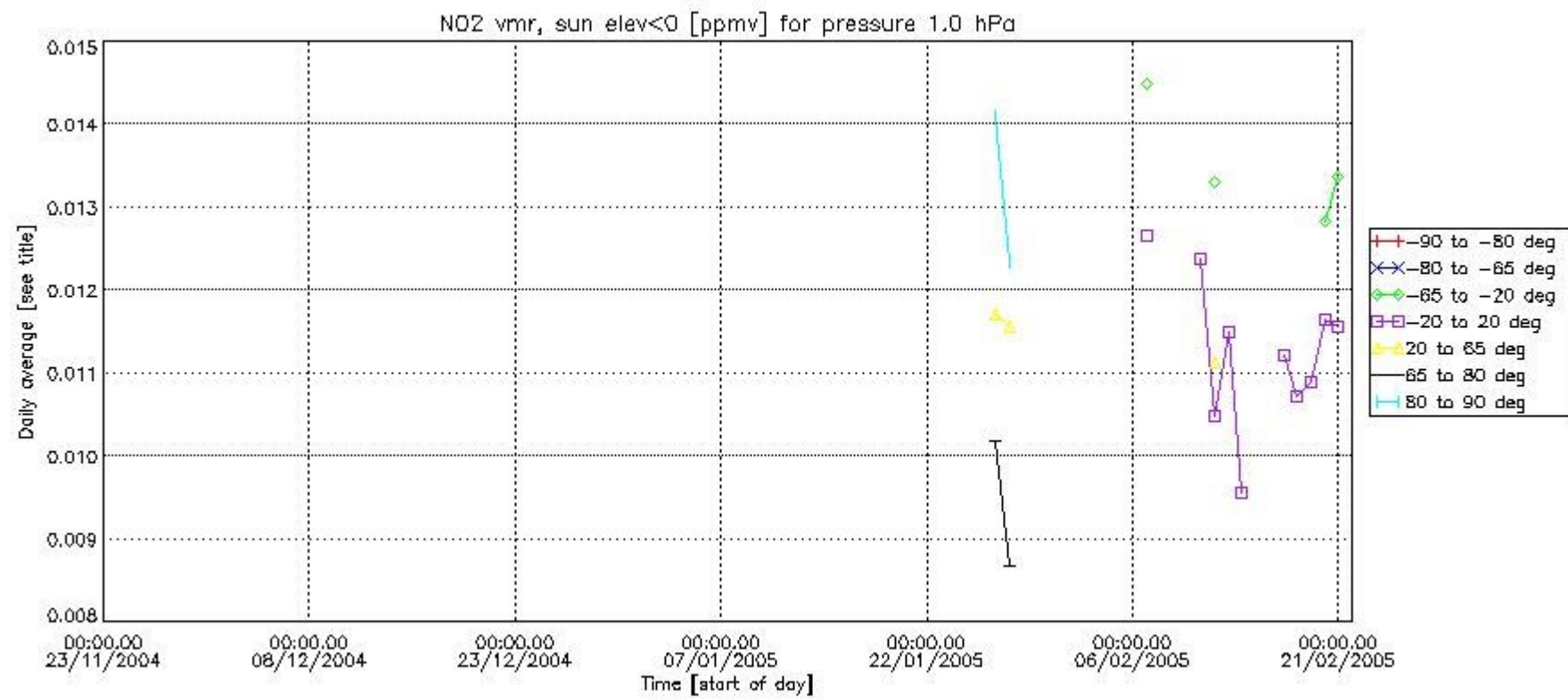
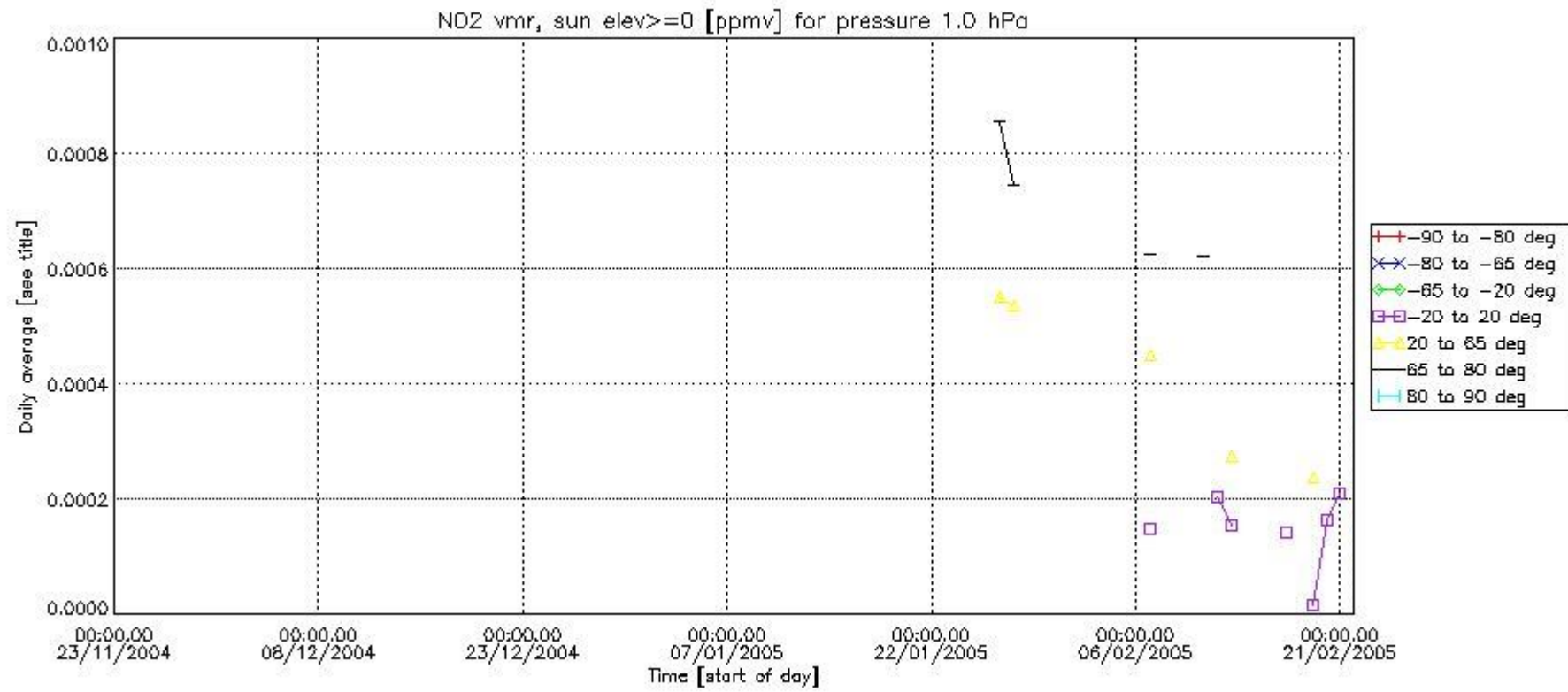


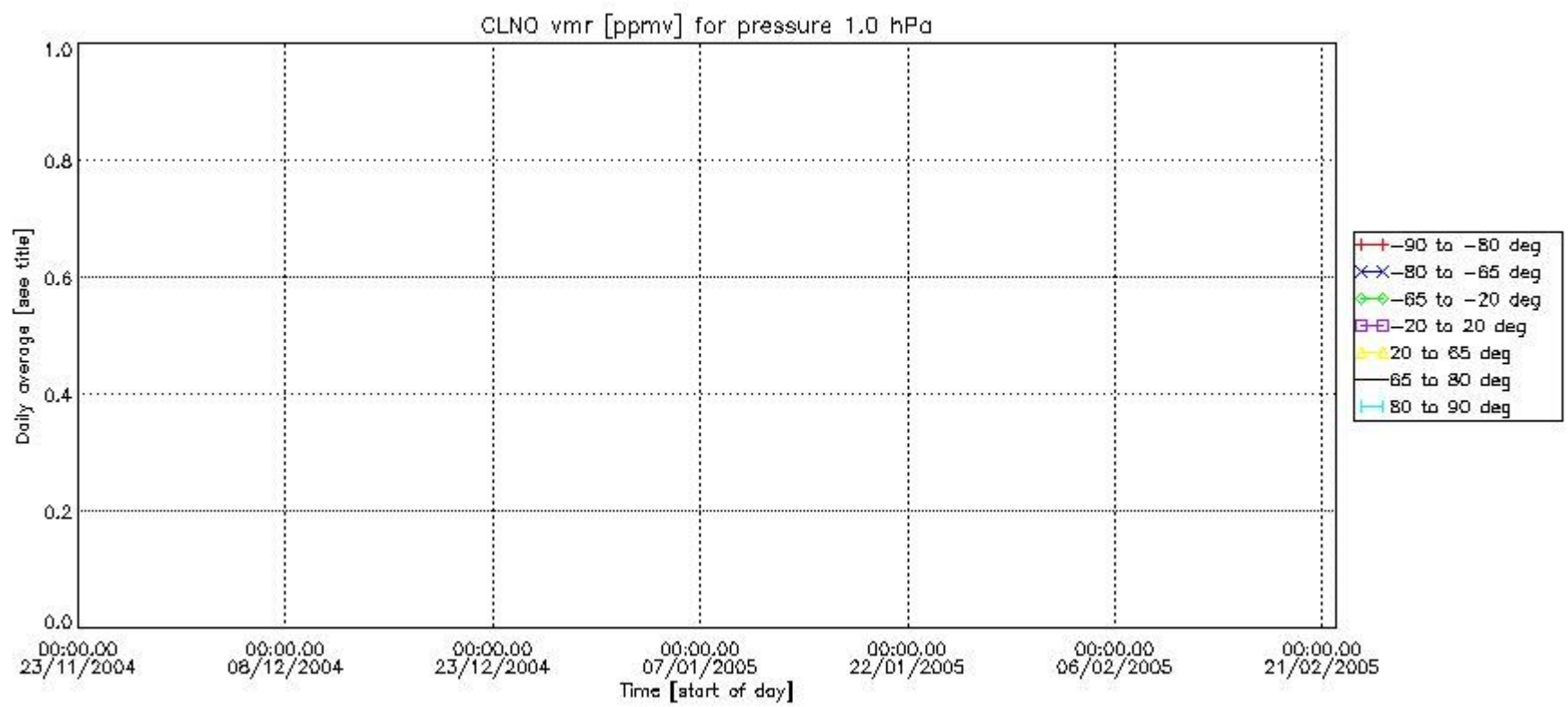
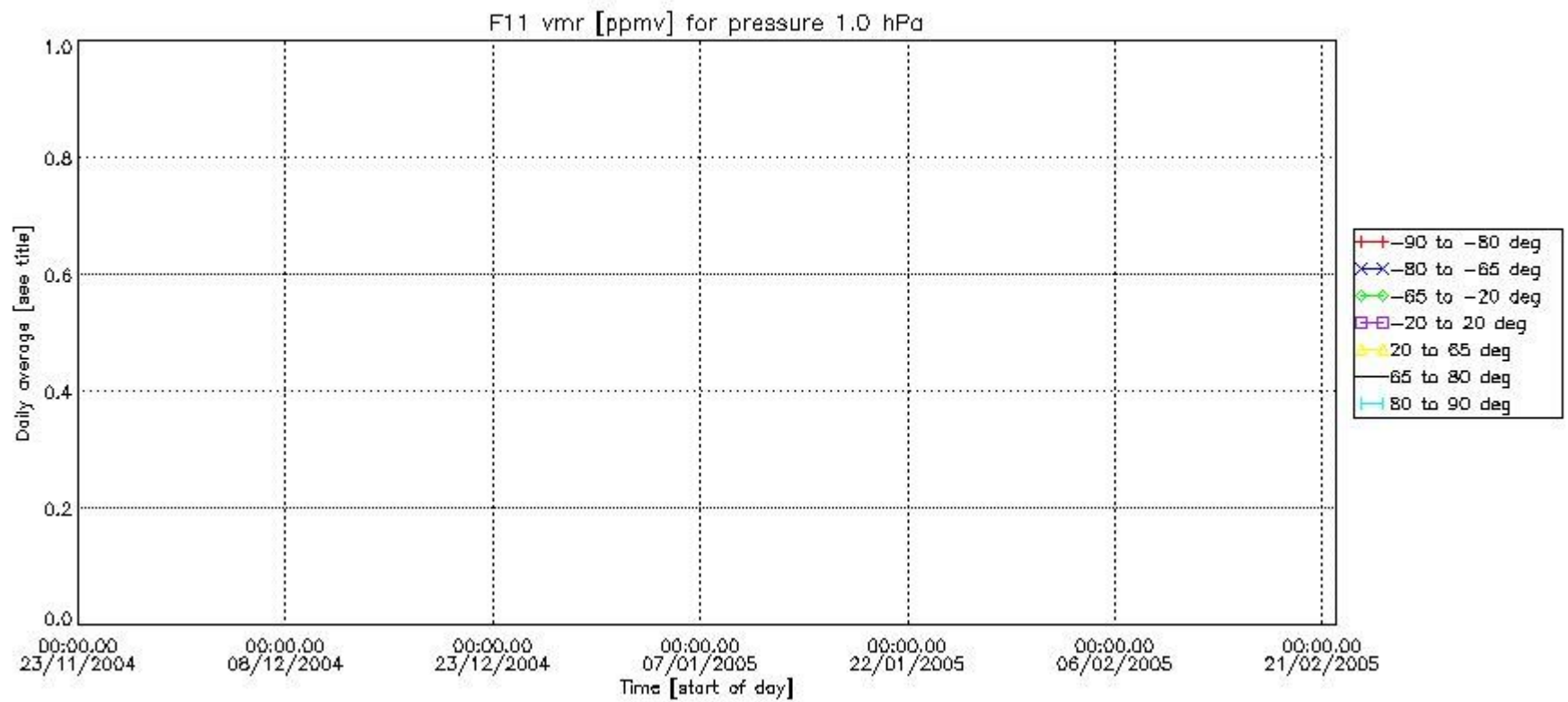


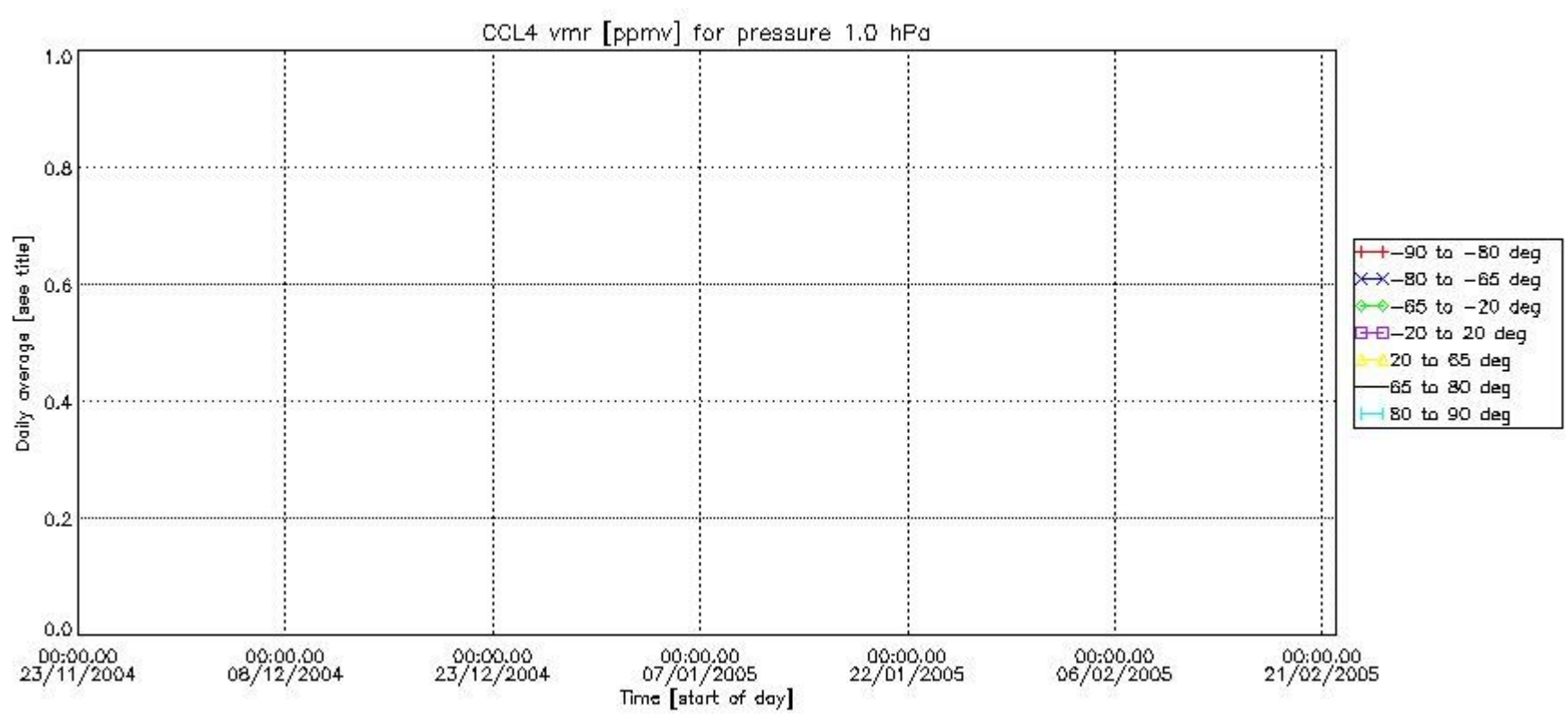
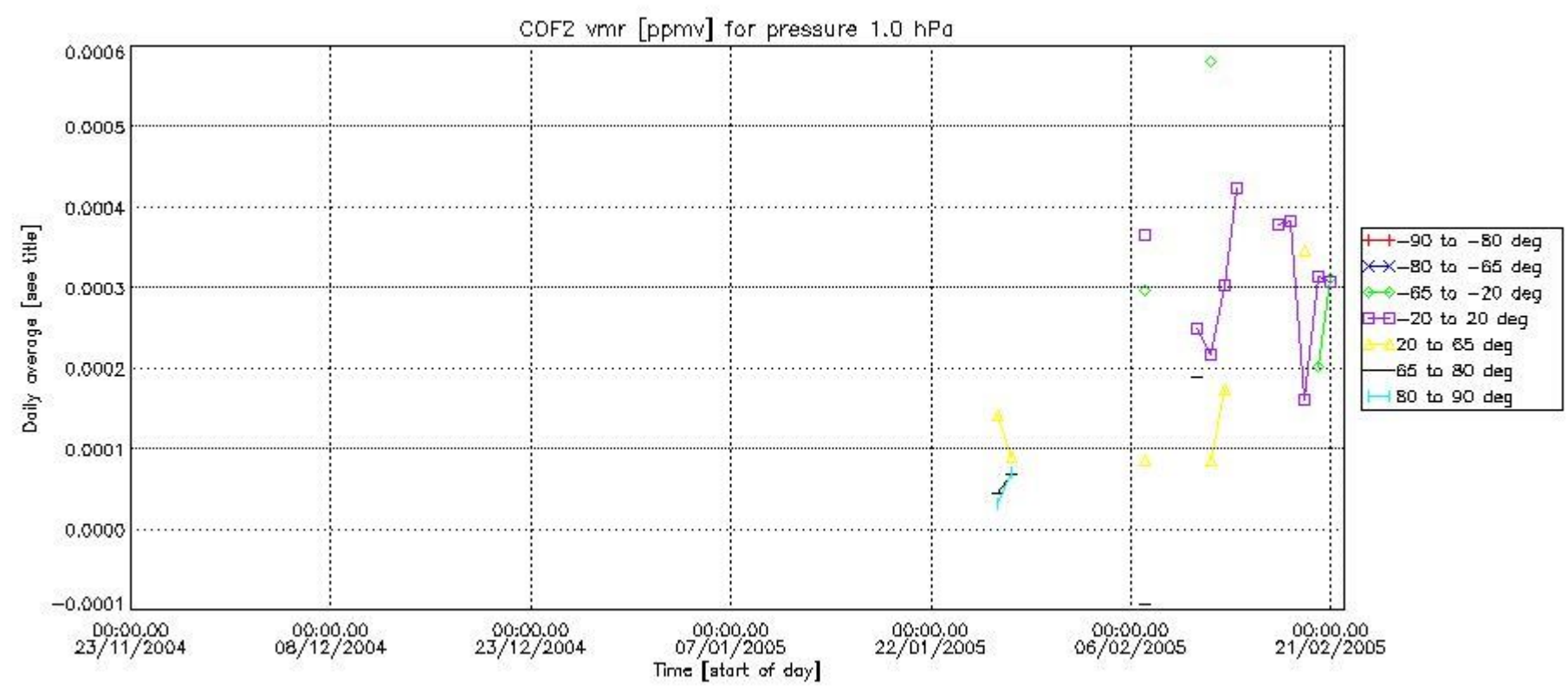


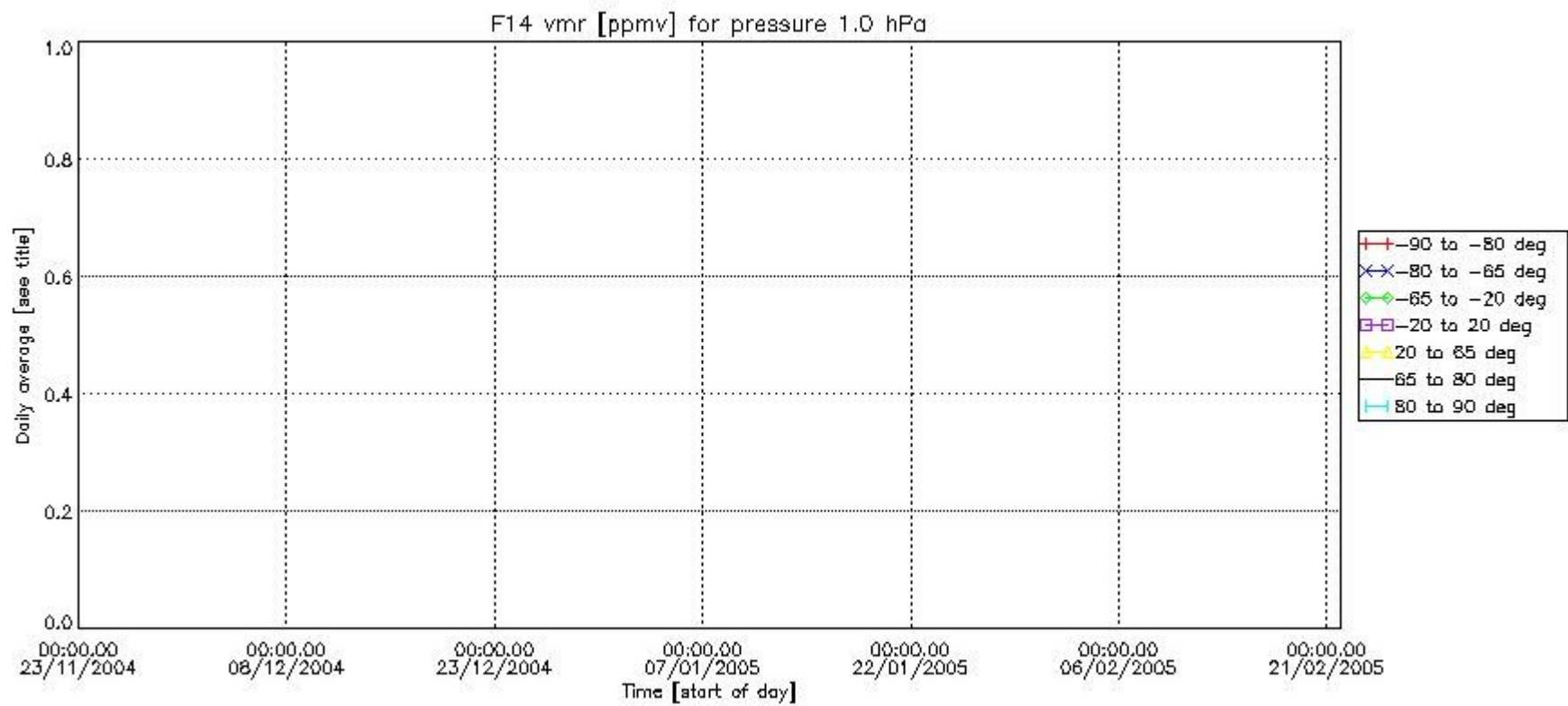
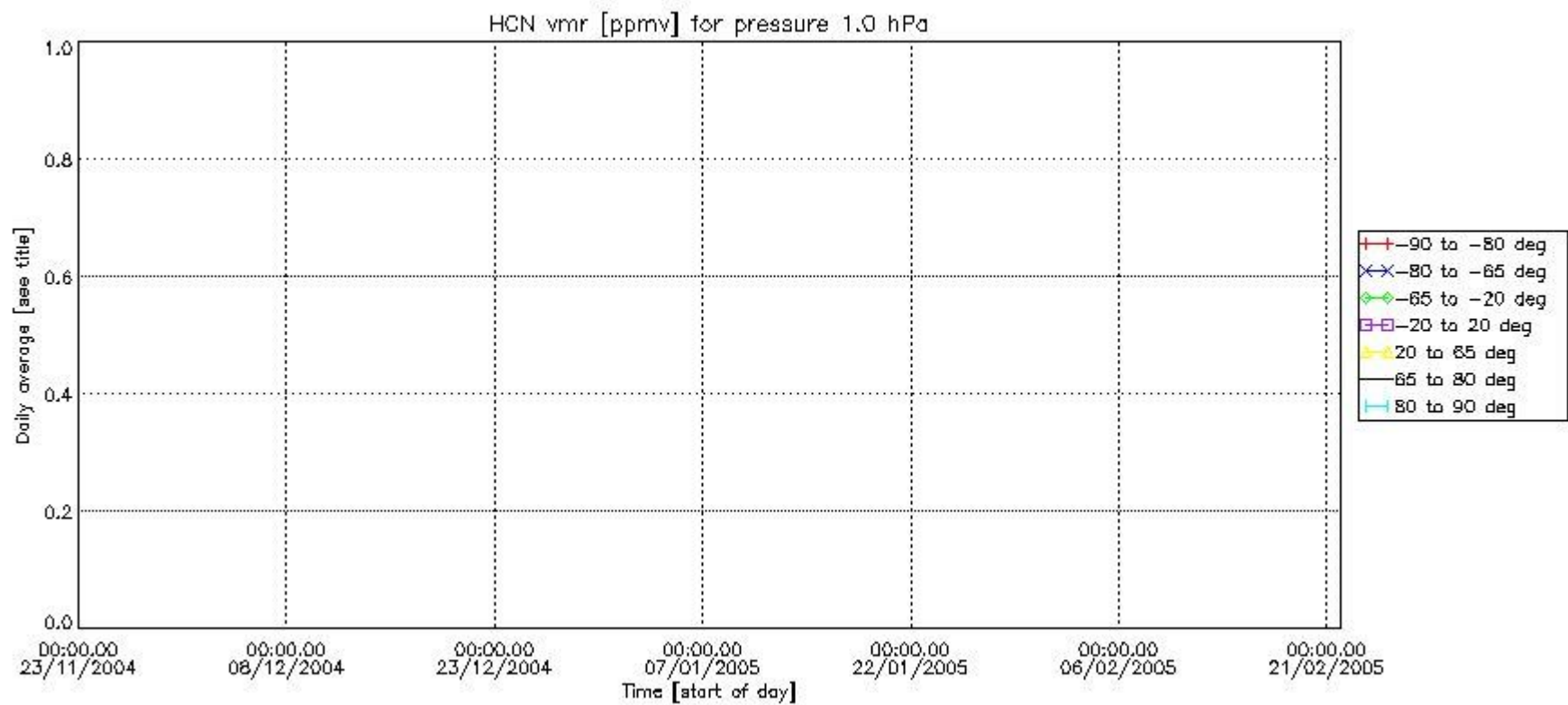


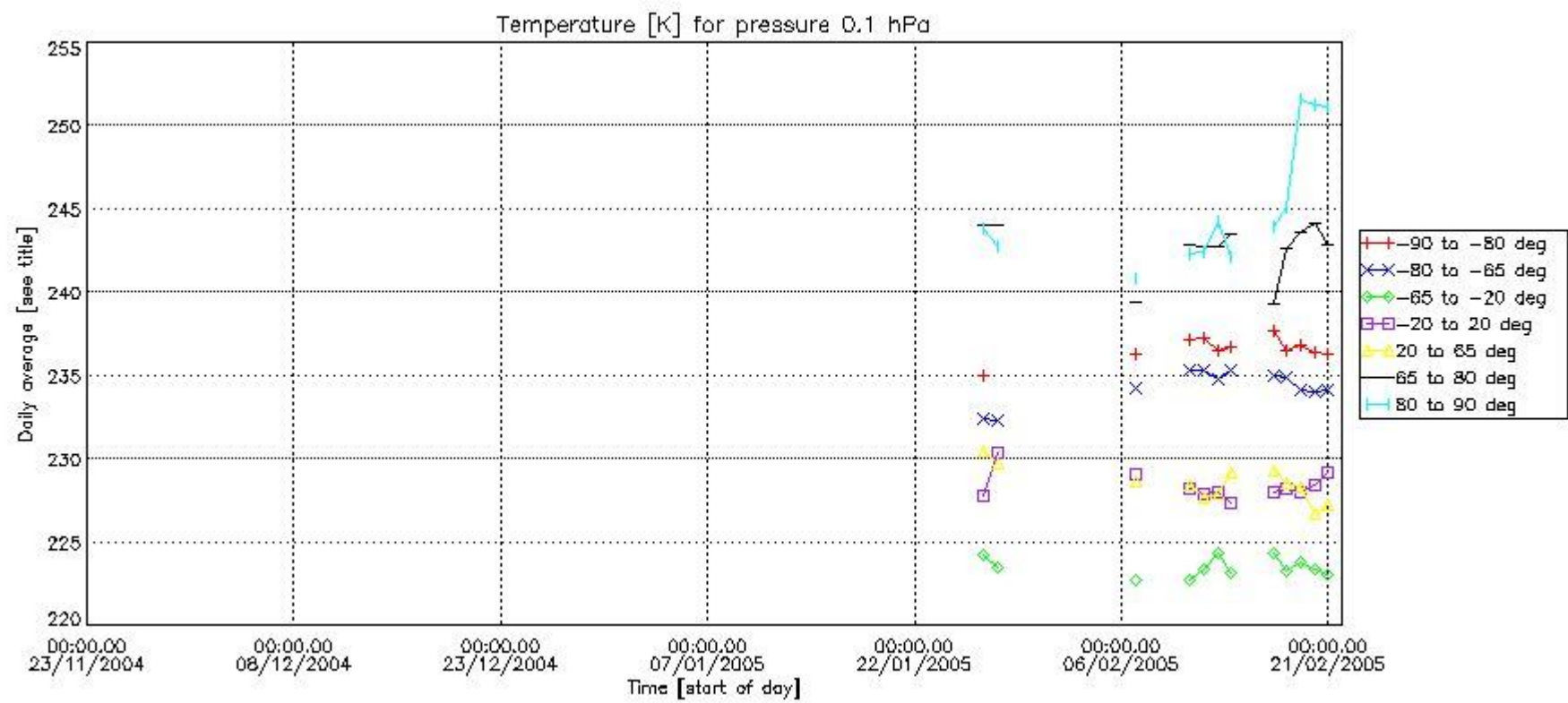
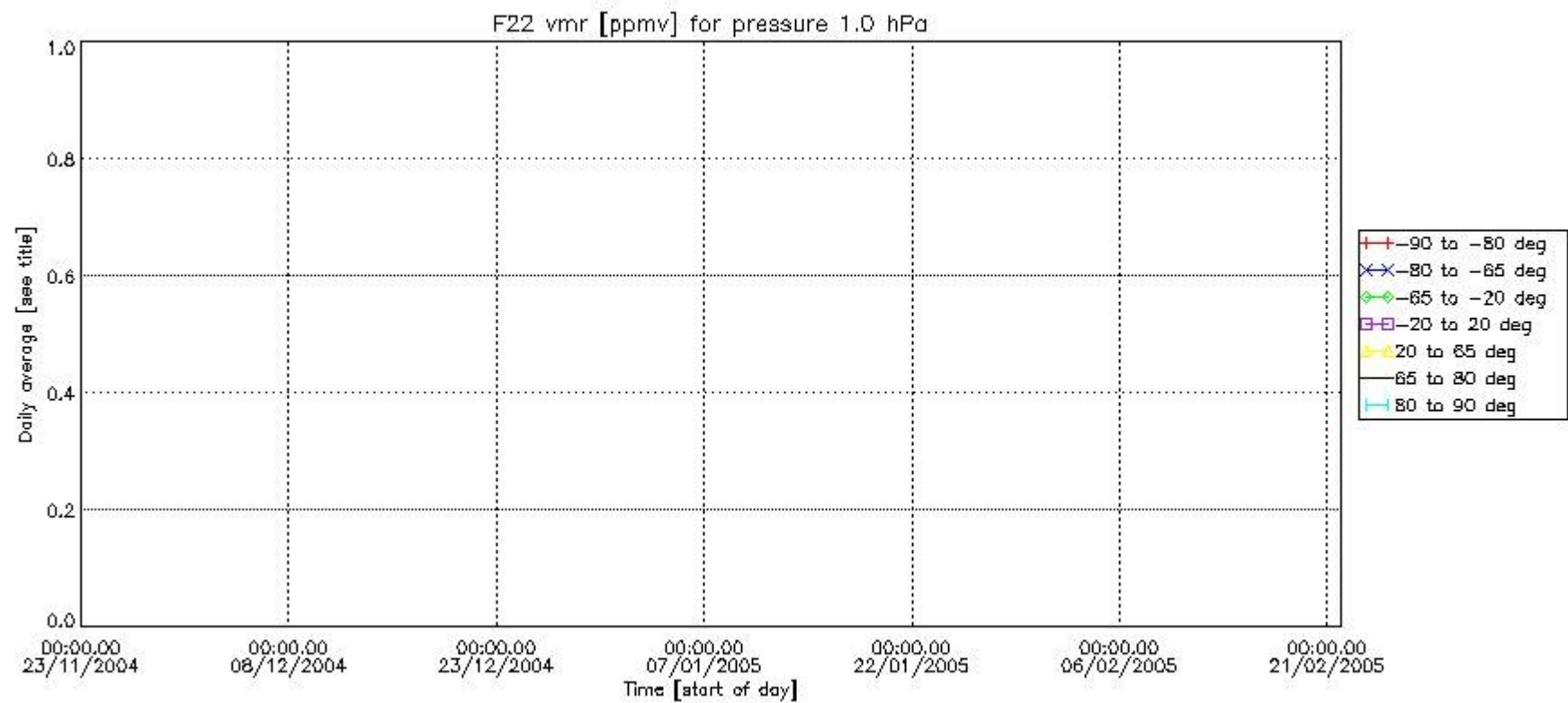


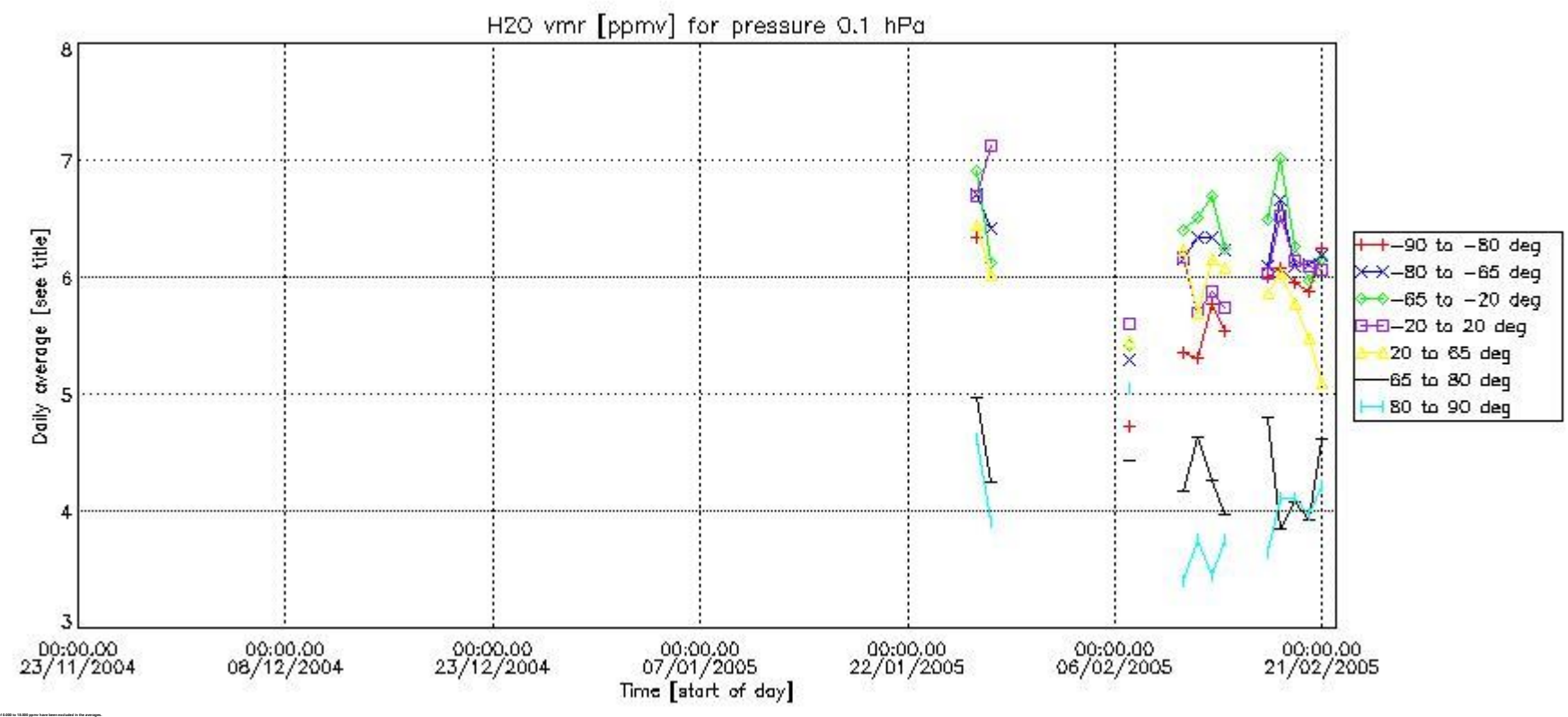
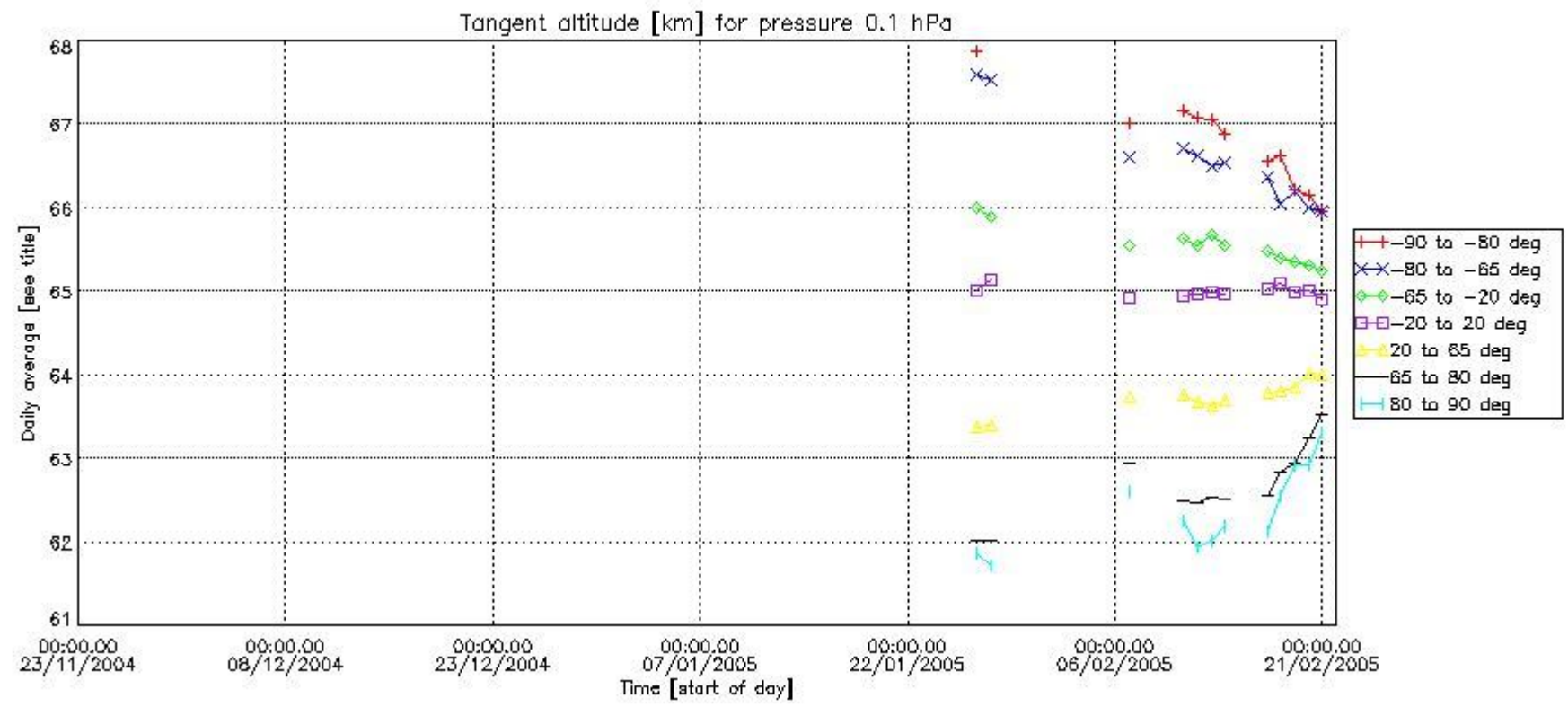


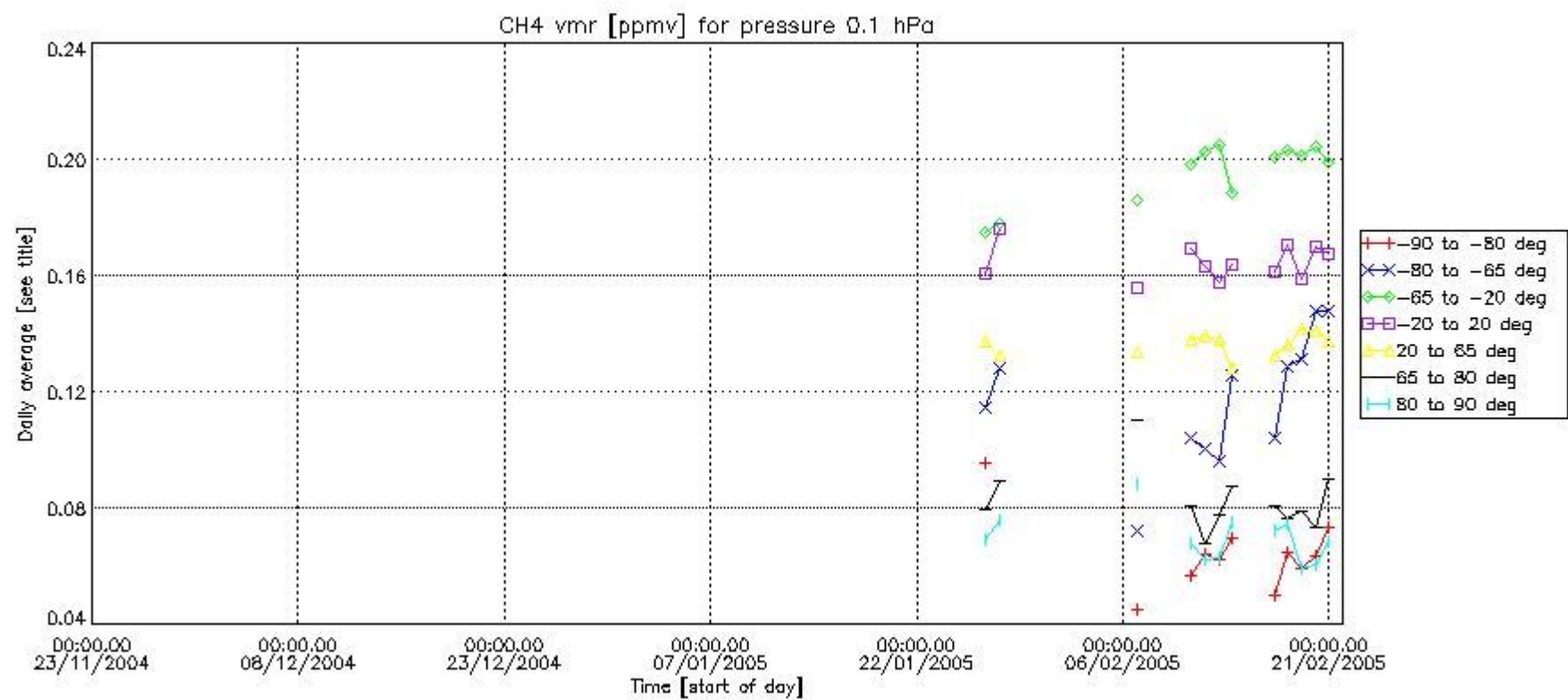
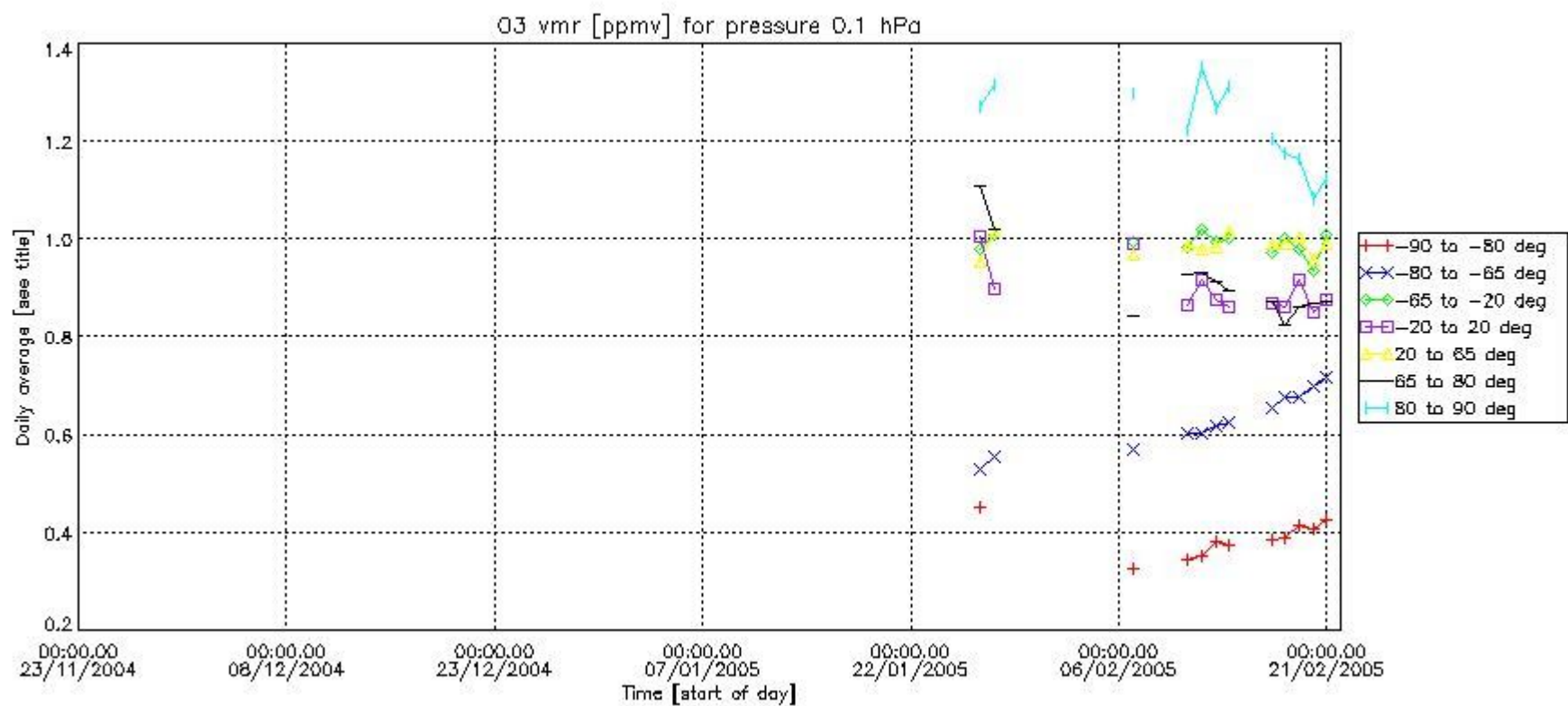


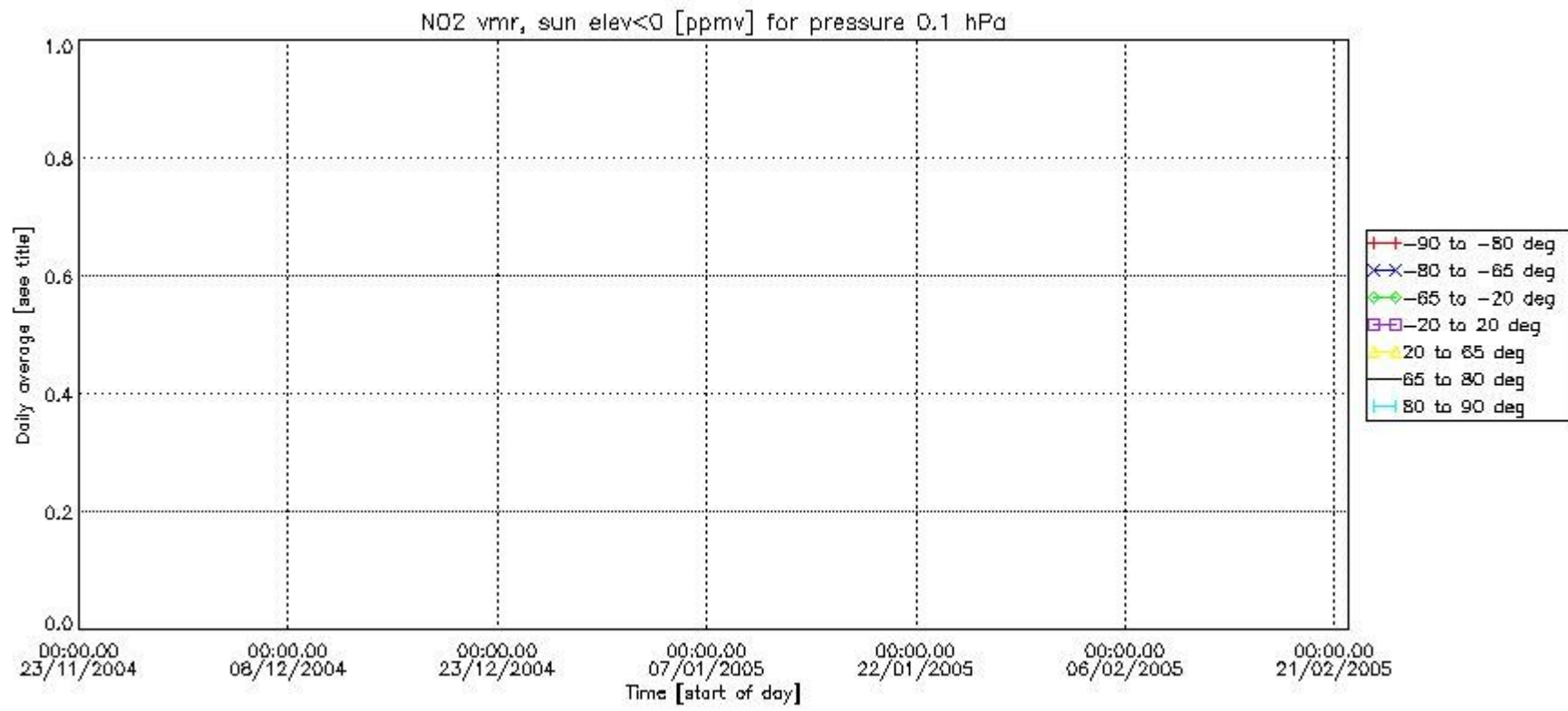
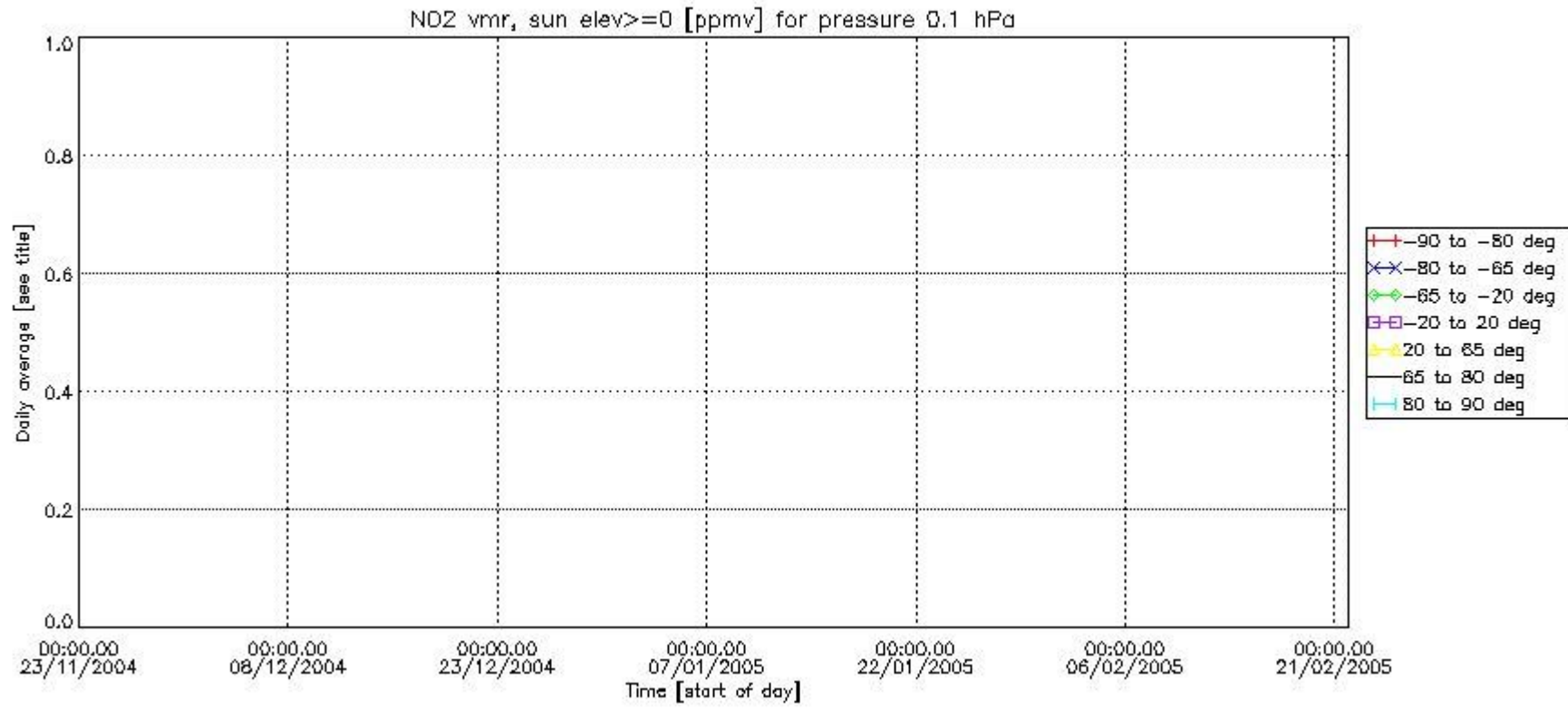


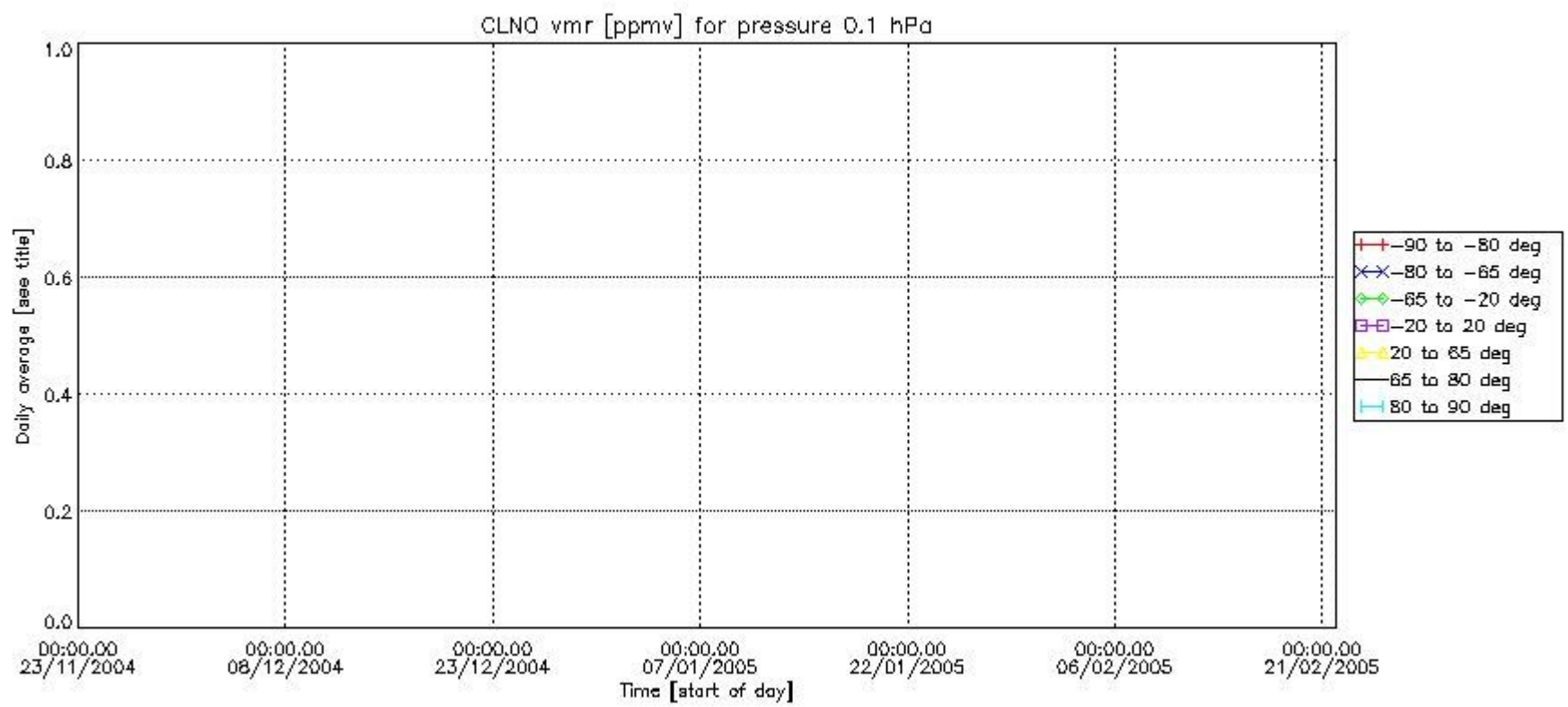
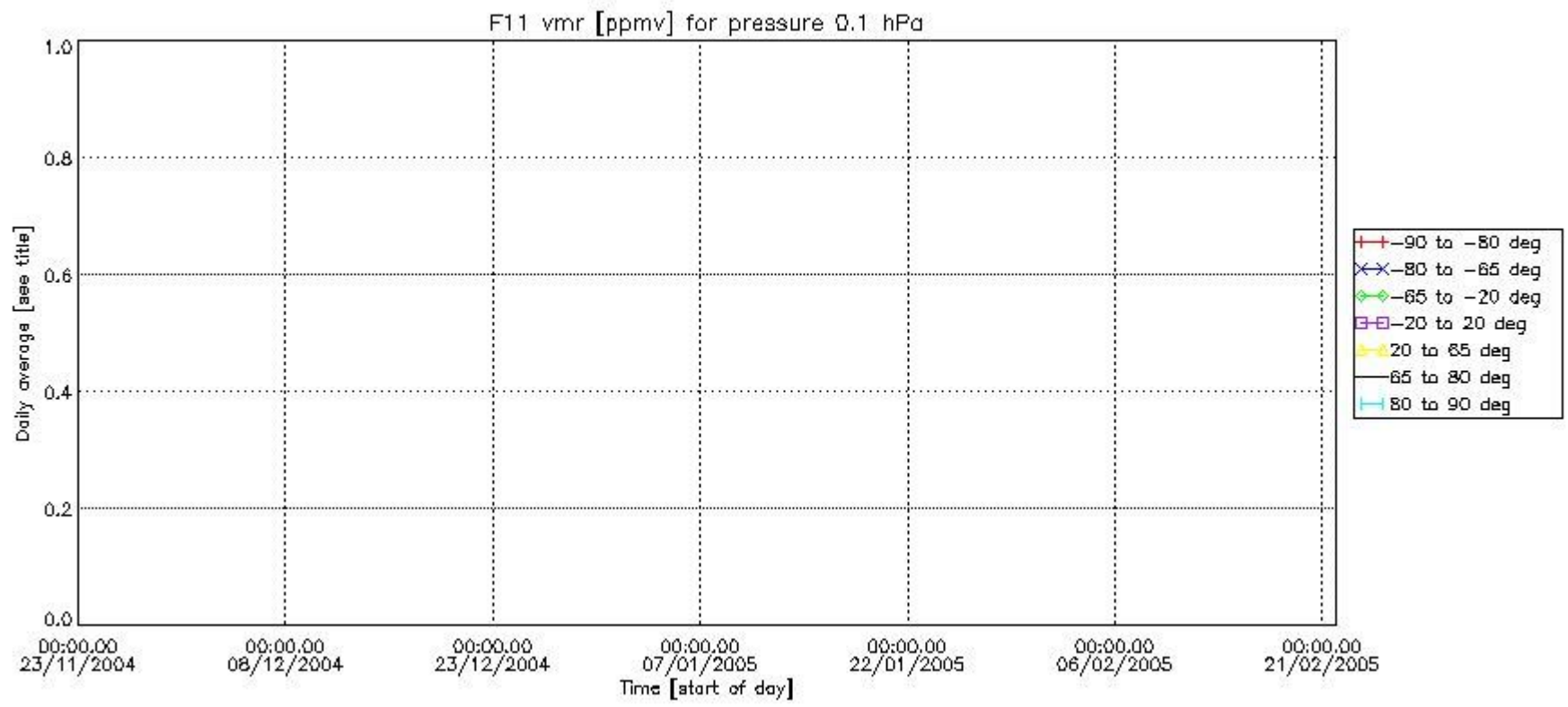


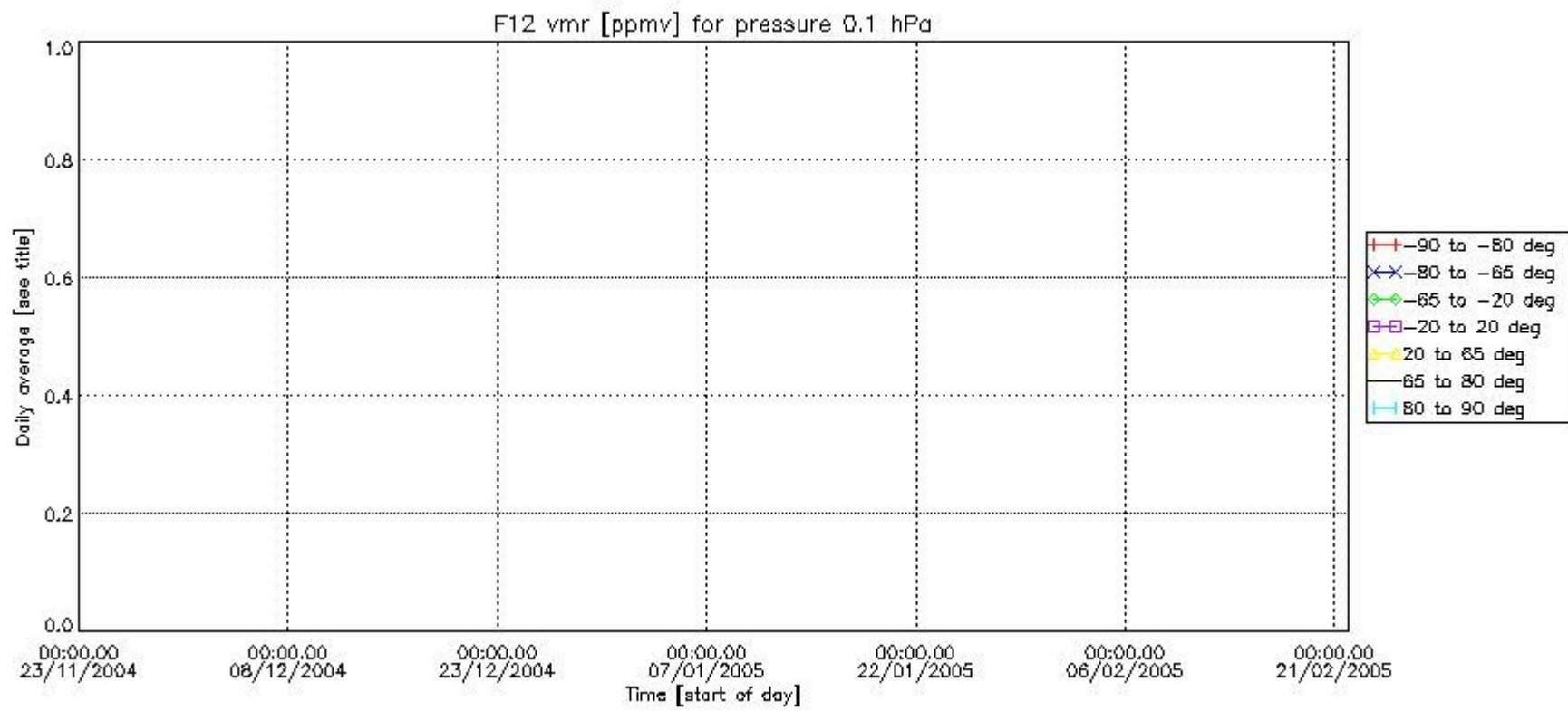
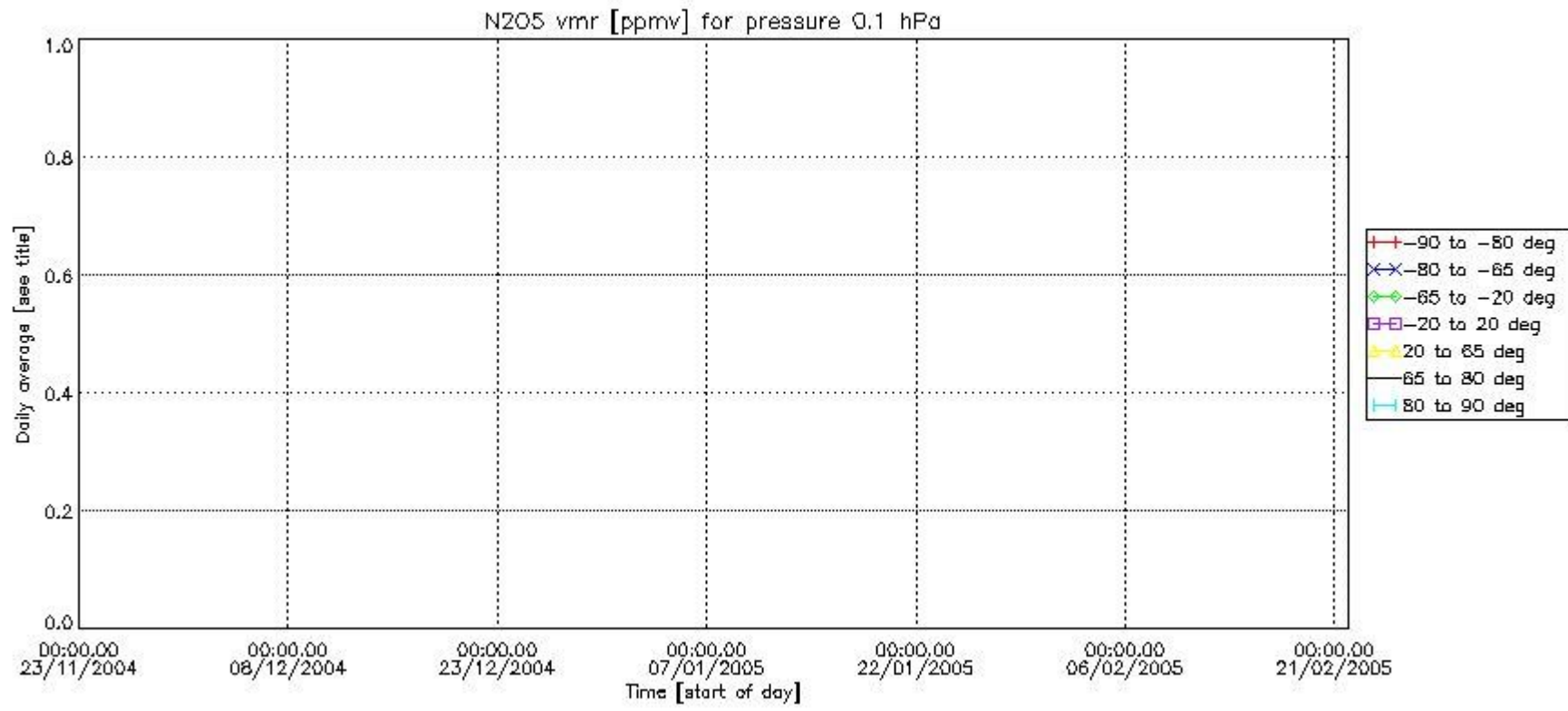


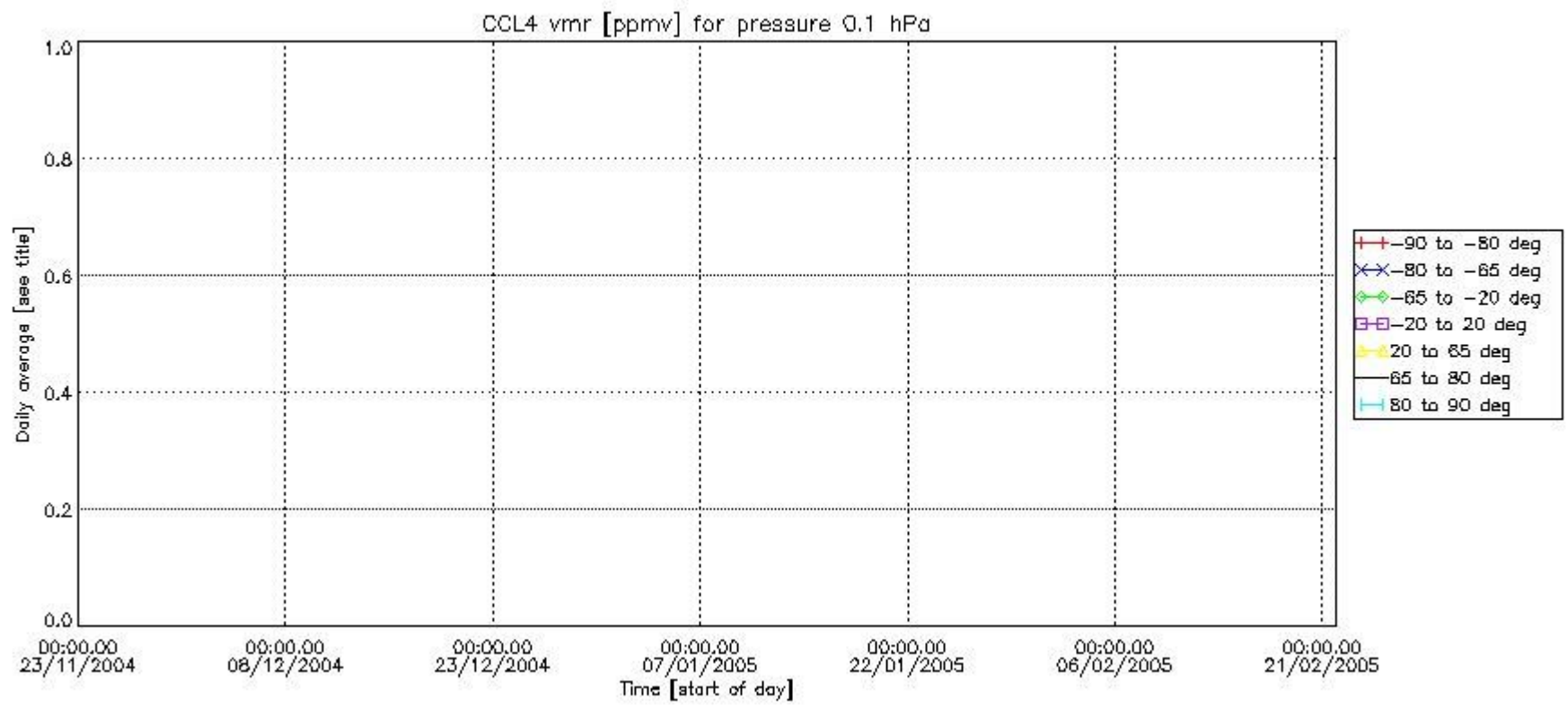
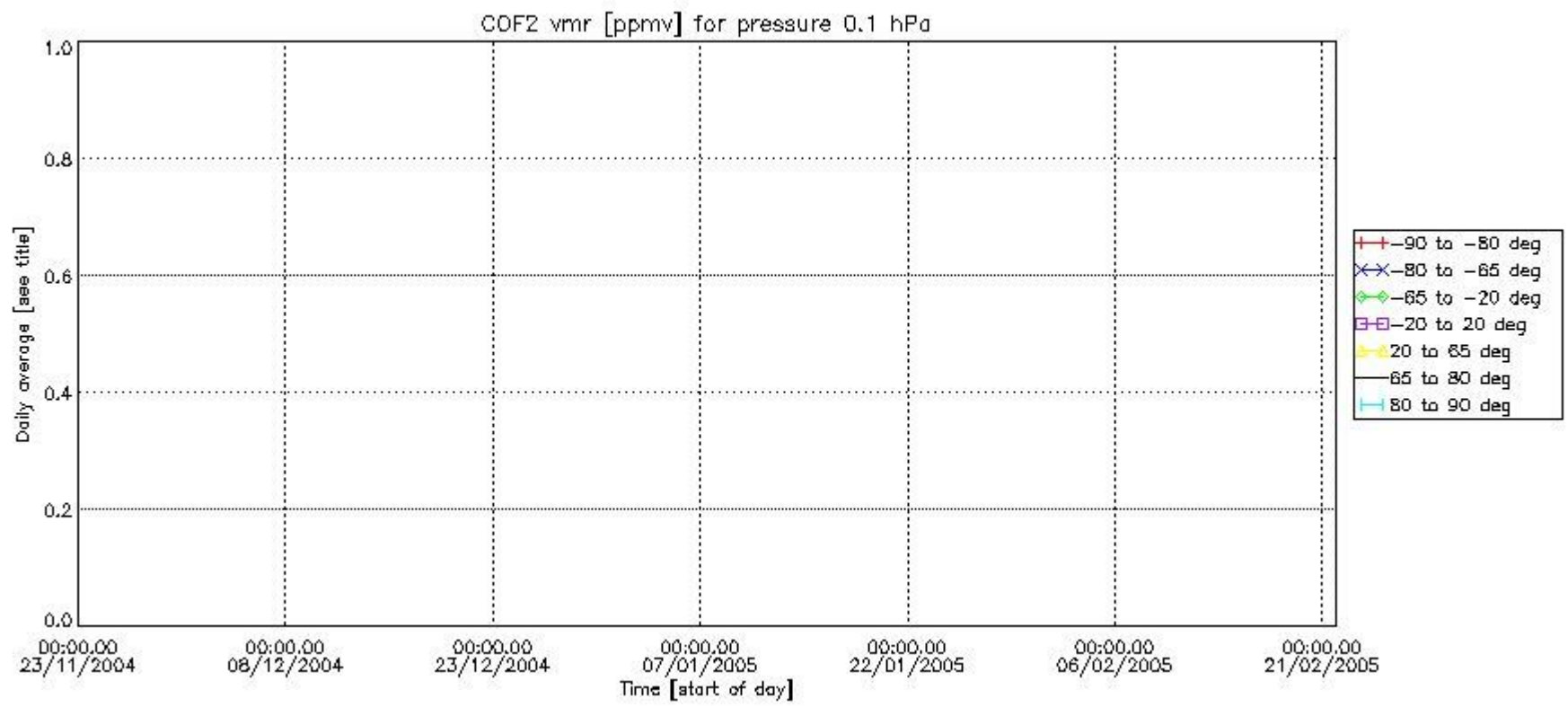


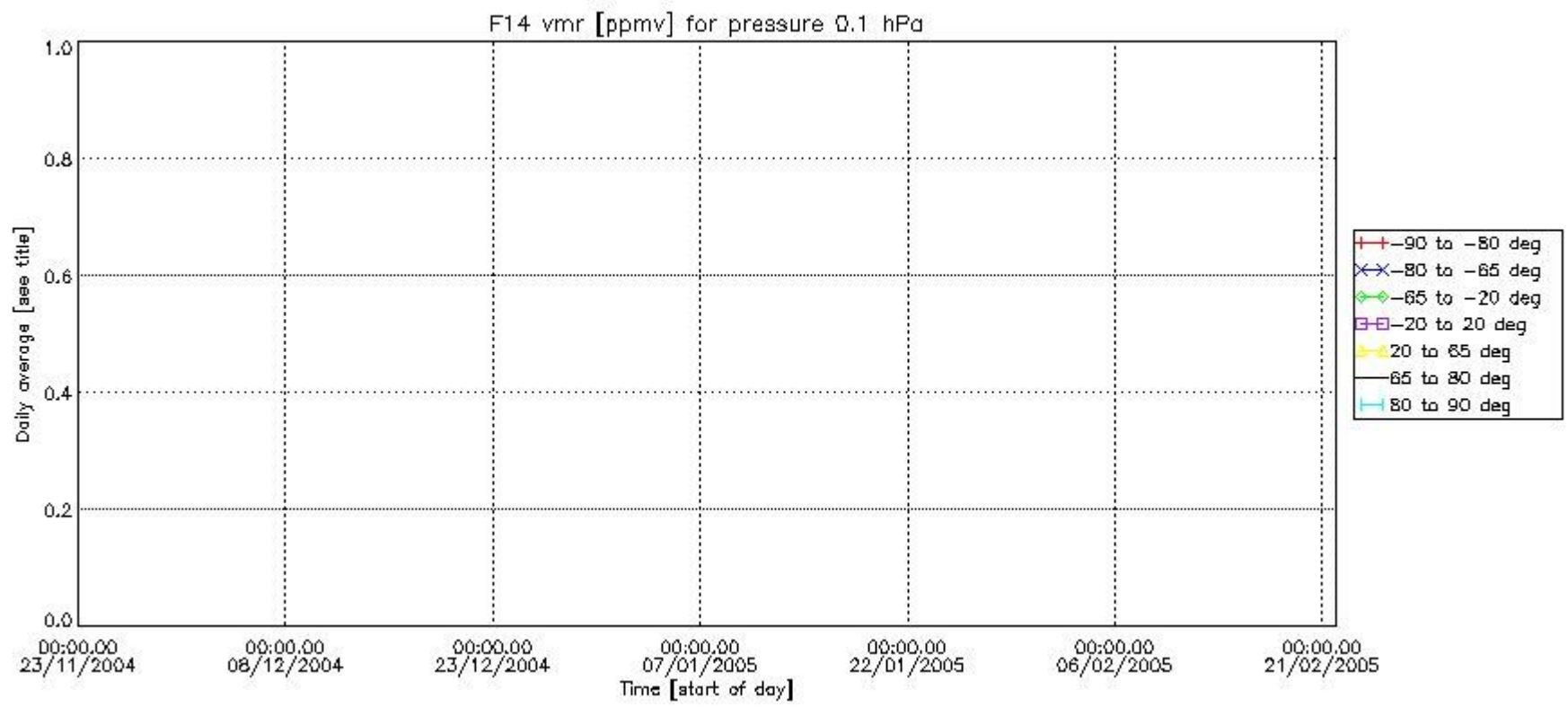
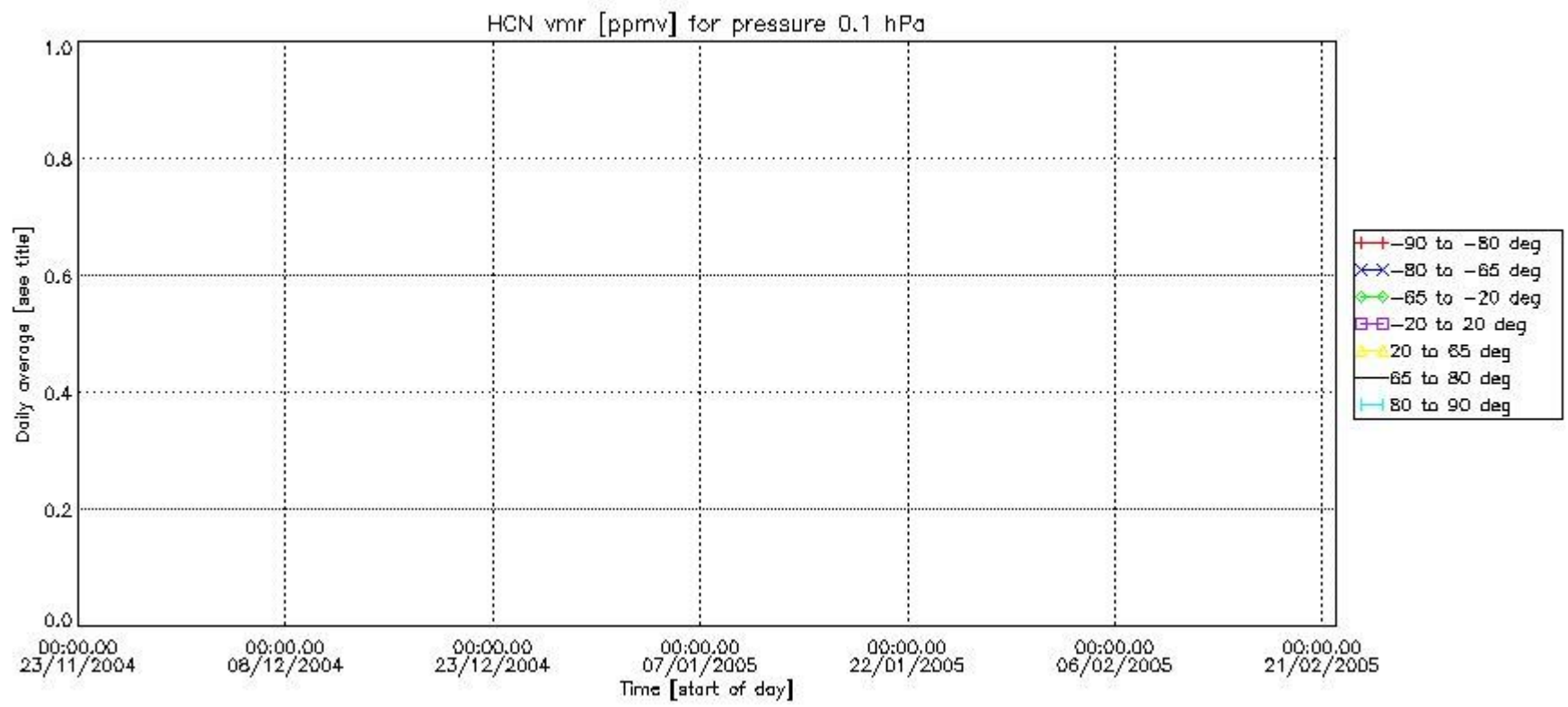


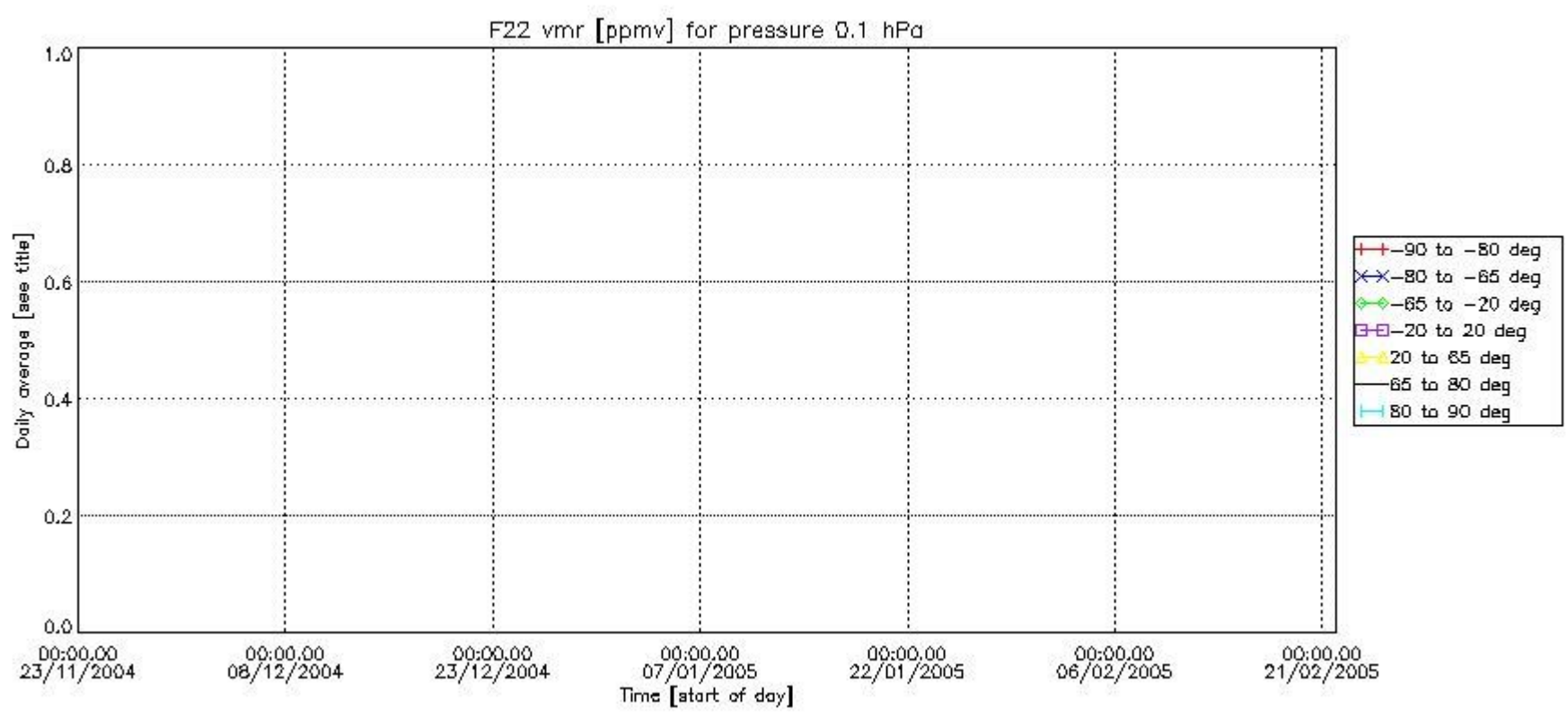












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

