

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20051011.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 15:34:47
Data source version	ML2PP/7.03-W
Processing scope for products	11OCT2005 00:00:00 to 12OCT2005 00:00:00
Start time of first product within scope	10OCT2005 22:41:11
Stop time of last product within scope	12OCT2005 01:30:02
Total number of level 2 products	10
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_2PWDSI20051010_224111_000059482041_00302_18893_1000.N1	10OCT2005 22:41:11	11OCT2005 00:20:19	0	131/131	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:2]
1	MIP_NL_2PWDSI20051011_002109_000005062041_00303_18894_1000.N1	11OCT2005 00:21:09	11OCT2005 00:29:35	0	11/11	VMR_TERM_MACRO_MICRO[HCN/micro:1]
2	MIP_NL_2PWDSI20051011_070706_000057672041_00307_18898_1000.N1	11OCT2005 07:07:06	11OCT2005 08:43:13	0	103/103	VMR_TERM_MACRO_MICRO[HCN/macro:1; HCN/micro:1]
3	MIP_NL_2PWDSI20051011_084403_000060302041_00308_18899_1000.N1	11OCT2005 08:44:03	11OCT2005 10:24:33	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:1]
4	MIP_NL_2PWDSI20051011_102439_000060362041_00309_18900_1000.N1	11OCT2005 10:24:39	11OCT2005 12:05:15	0	133/133	VMR_TERM_MACRO_MICRO[HCN/micro:3]
5	MIP_NL_2PWDSI20051011_120521_000005062041_00310_18901_1000.N1	11OCT2005 12:05:21	11OCT2005 12:13:47	0	11/11	
6	MIP_NL_2PWDSI20051011_185118_000057662041_00314_18905_1000.N1	11OCT2005 18:51:18	11OCT2005 20:27:25	0	103/103	VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1]
7	MIP_NL_2PWDSI20051011_202815_000060302041_00315_18906_1000.N1	11OCT2005 20:28:15	11OCT2005 22:08:44	0	128/128	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1]
8	MIP_NL_2PWDSI20051011_220851_000060302041_00316_18907_1000.N1	11OCT2005 22:08:51	11OCT2005 23:49:20	0	96/96	VMR_TERM_MACRO_MICRO[HCN/micro:1]
9	MIP_NL_2PWDSI20051011_234926_000060352041_00317_18908_1000.N1	11OCT2005 23:49:26	12OCT2005 01:30:02	0	133/133	

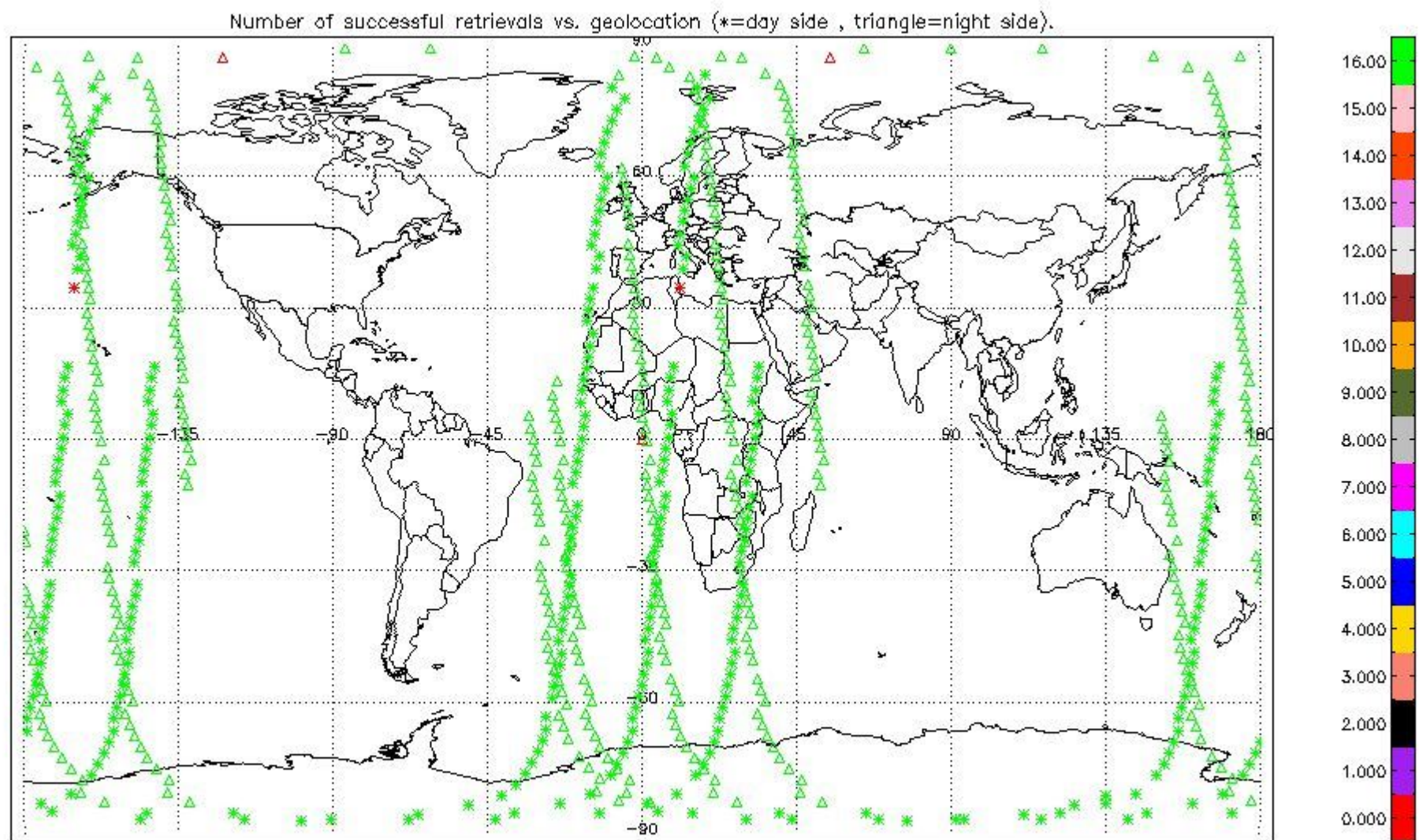
2.2 Processing performance indicators

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.

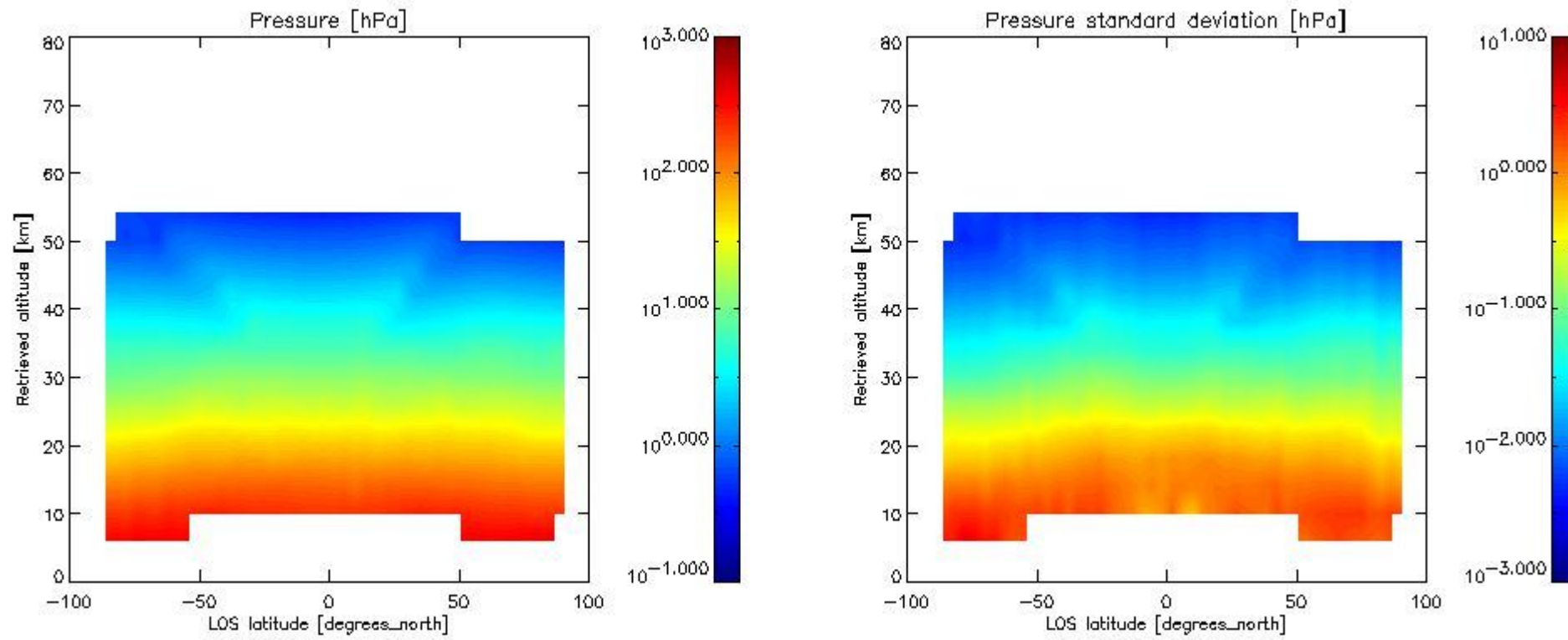
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
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PT	977	746	76.356
H2O	977	746	76.356
O3	977	746	76.356
HNO3	977	746	76.356
CH4	977	746	76.356
N2O	977	746	76.356
NO2	977	746	76.356
F11	977	746	76.356
CLNO	977	746	76.356
N2O5	977	746	76.356
F12	977	746	76.356
COF2	977	746	76.356
CCL4	977	746	76.356
HCN	977	746	76.356
F14	977	746	76.356
F22	977	746	76.356



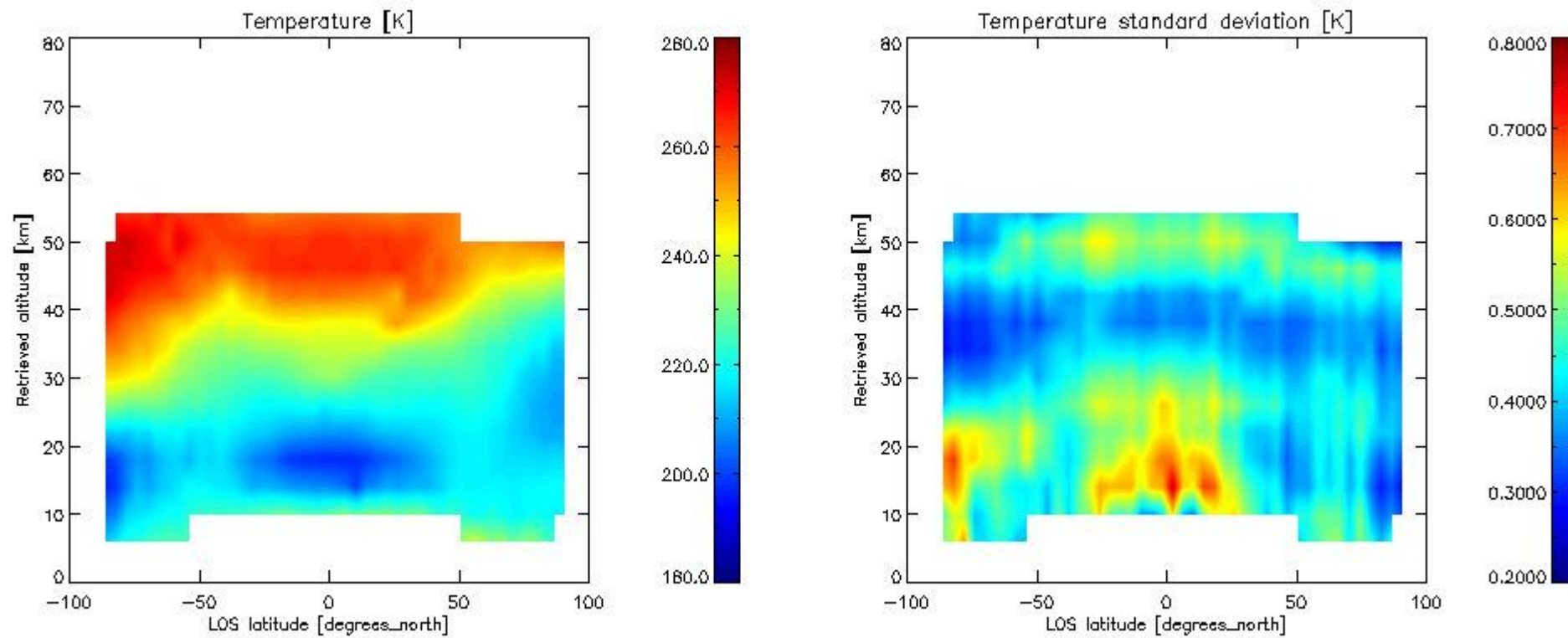
2.2.2 Pressure overview

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



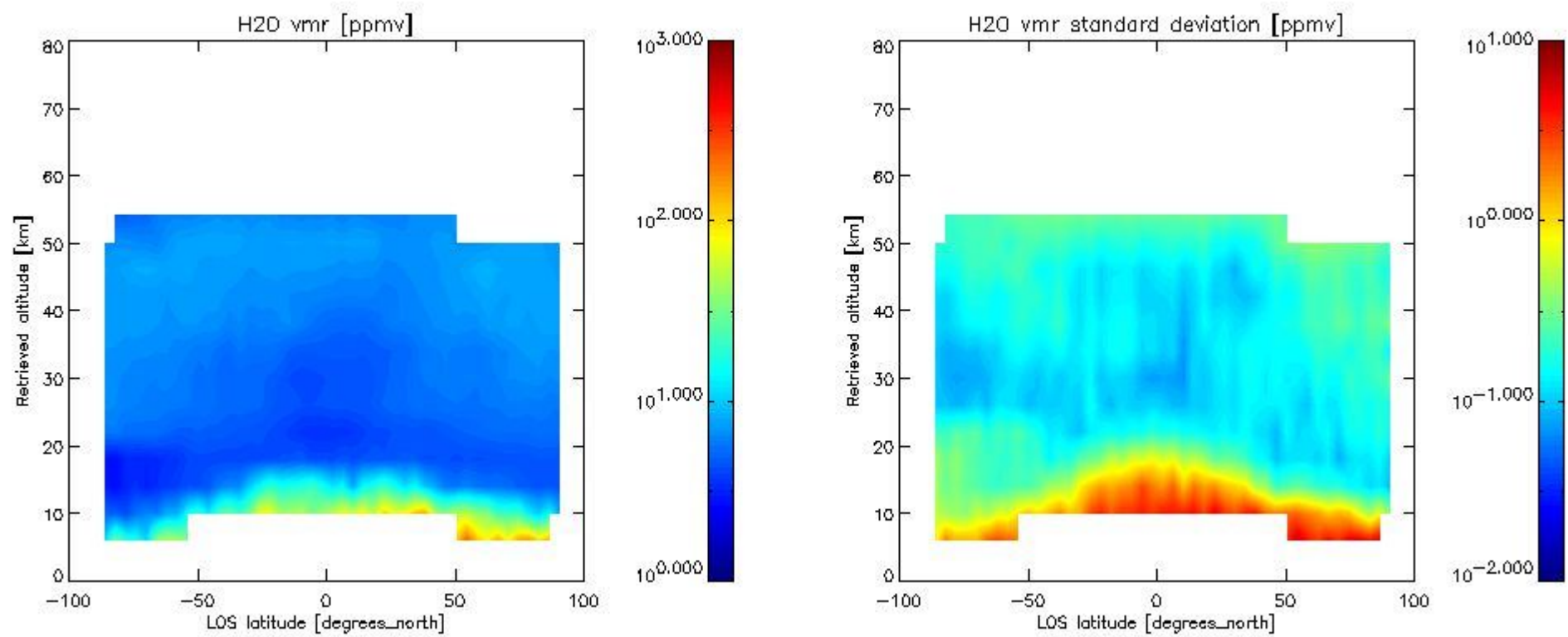
2.2.3 Temperature overview

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

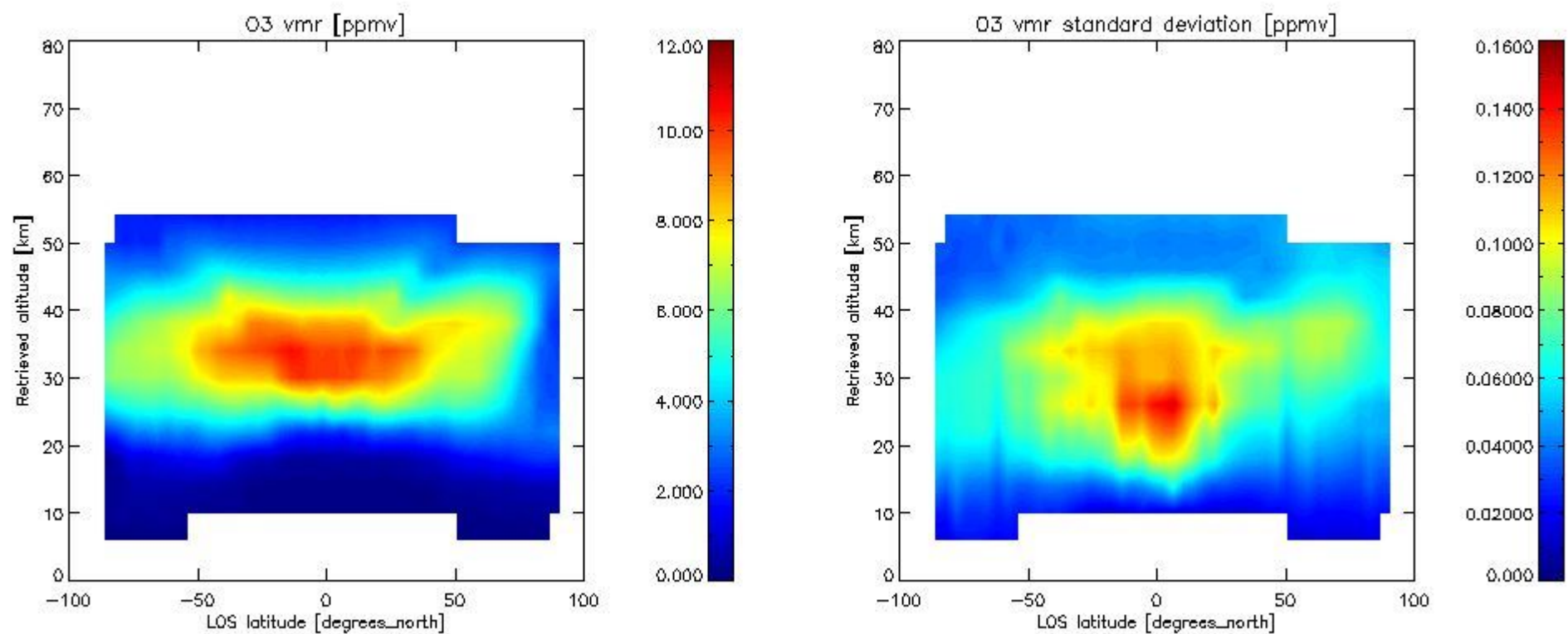


2.2.4 Species overview

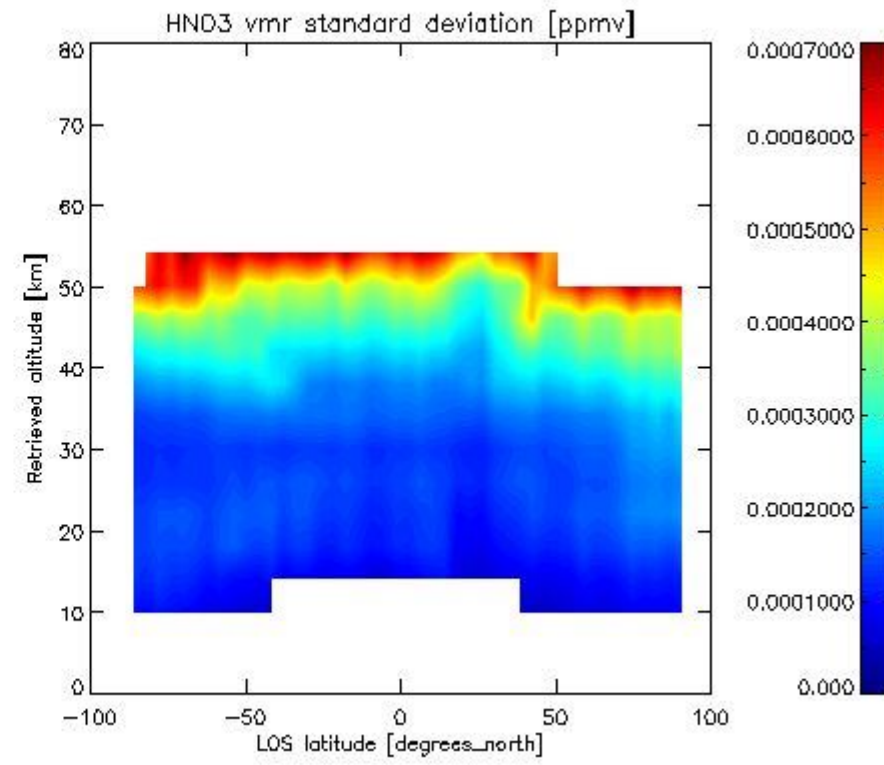
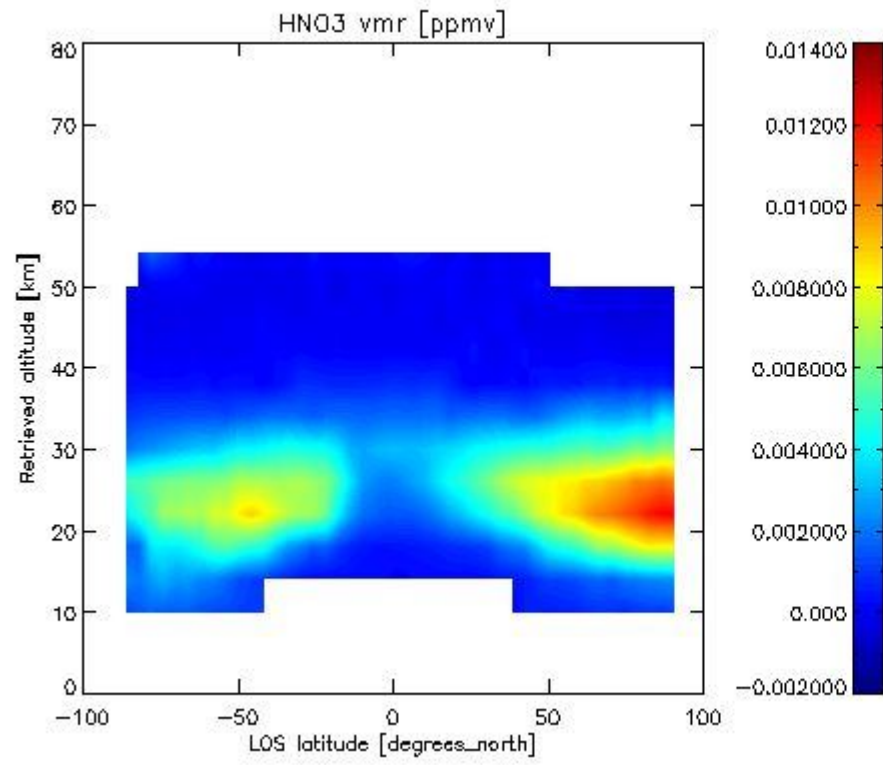
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



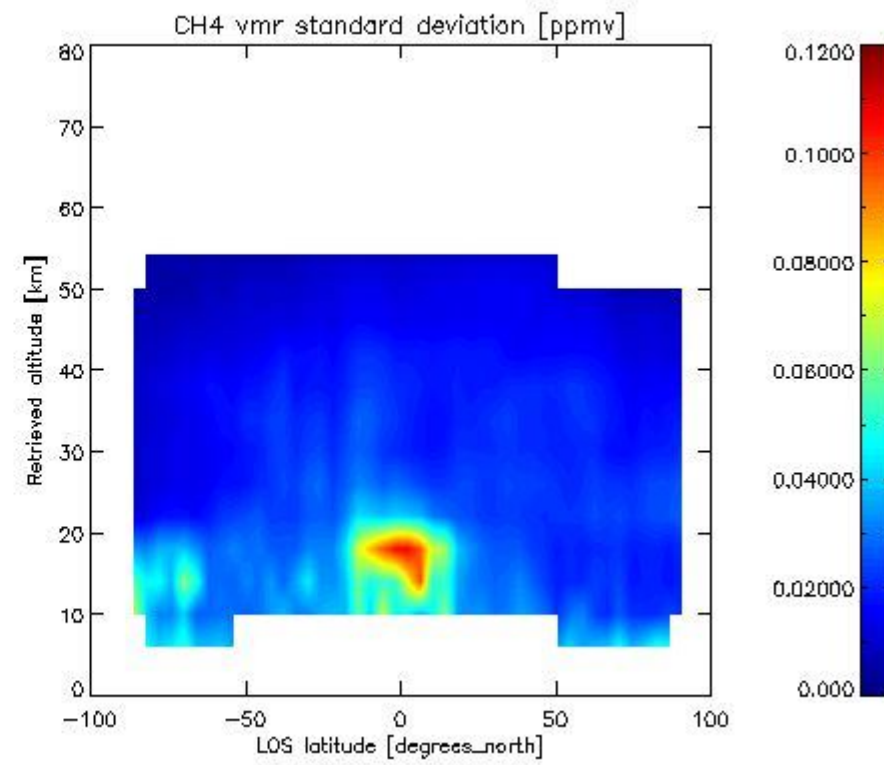
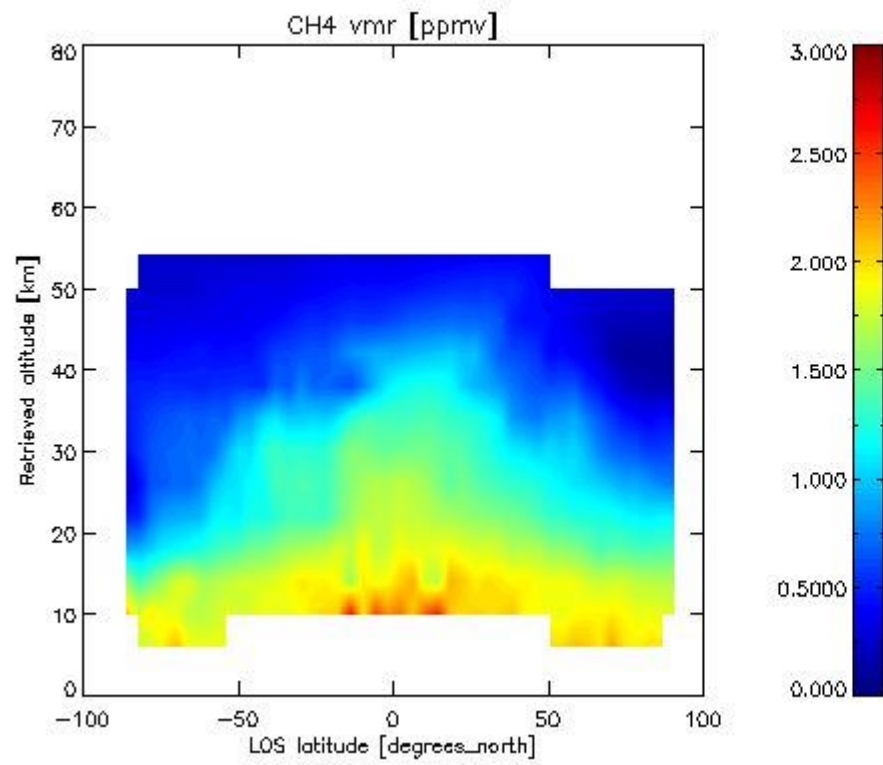
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



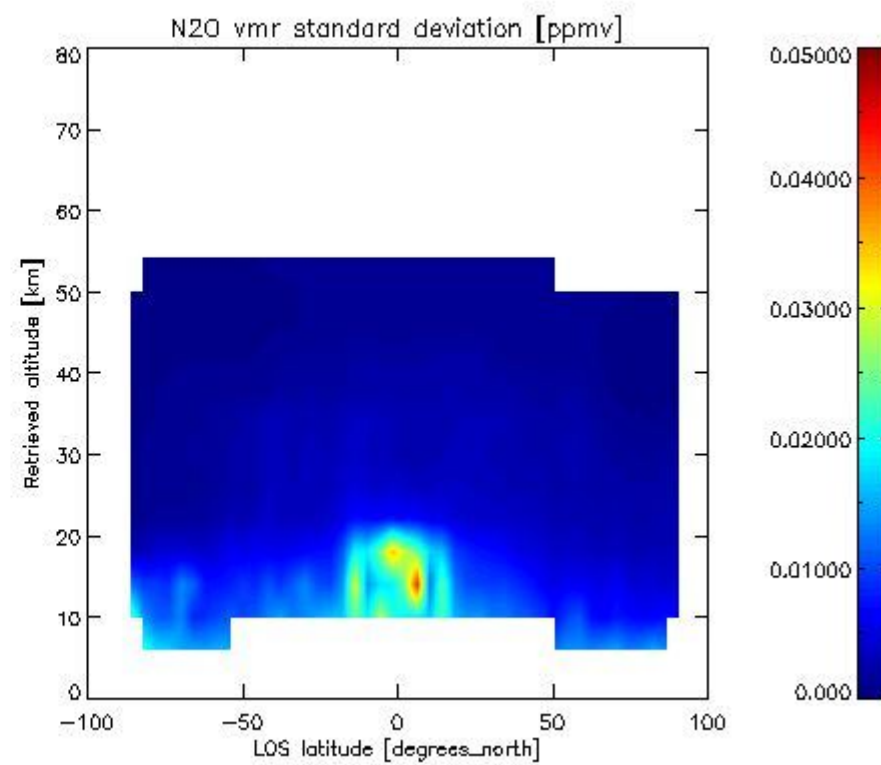
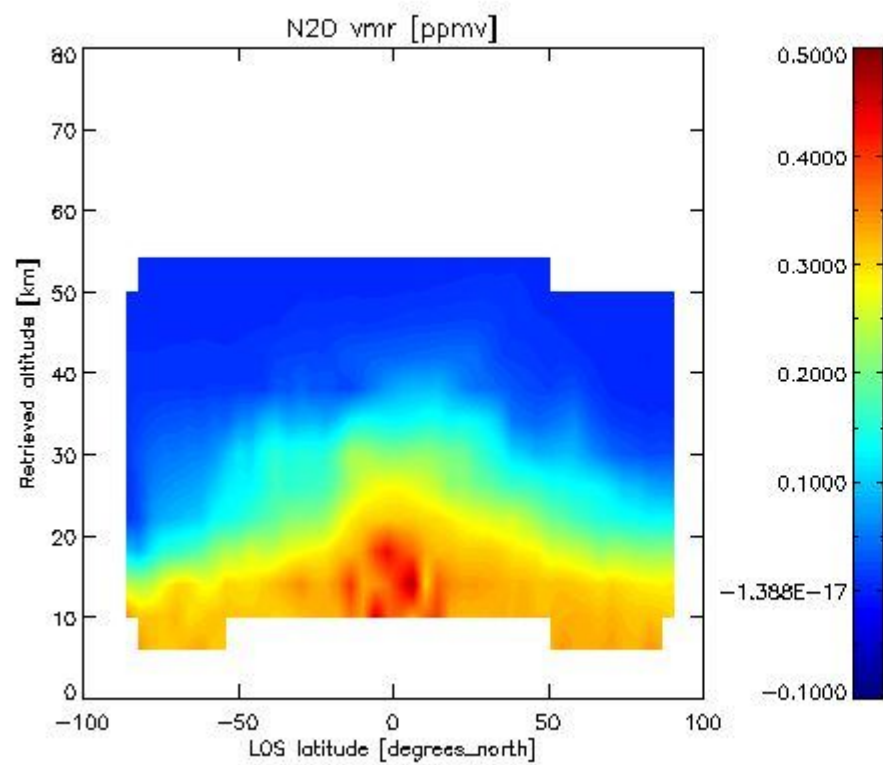
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



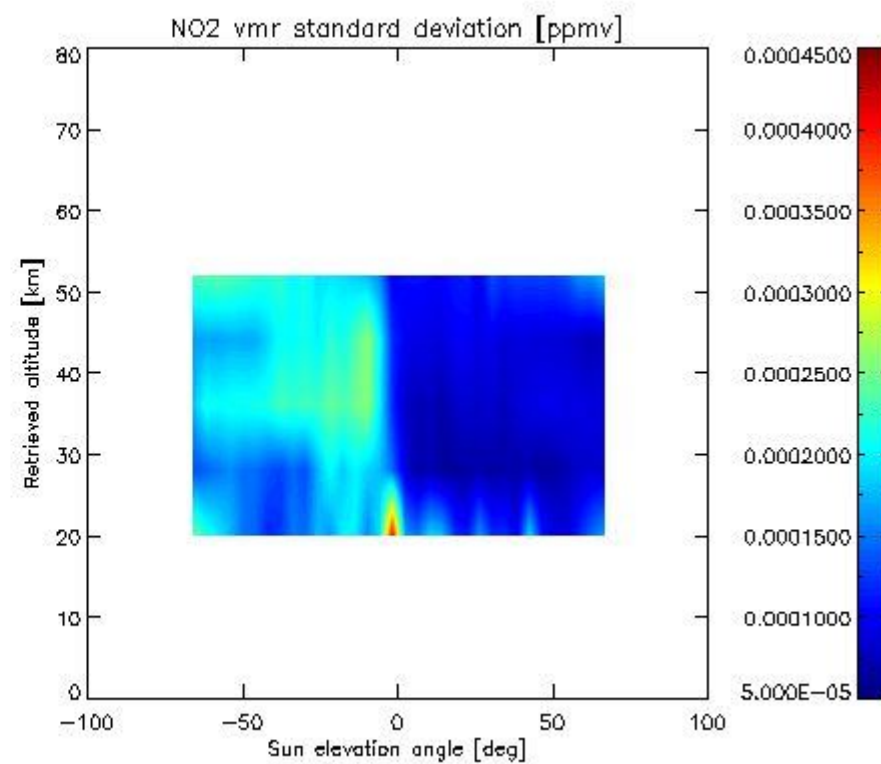
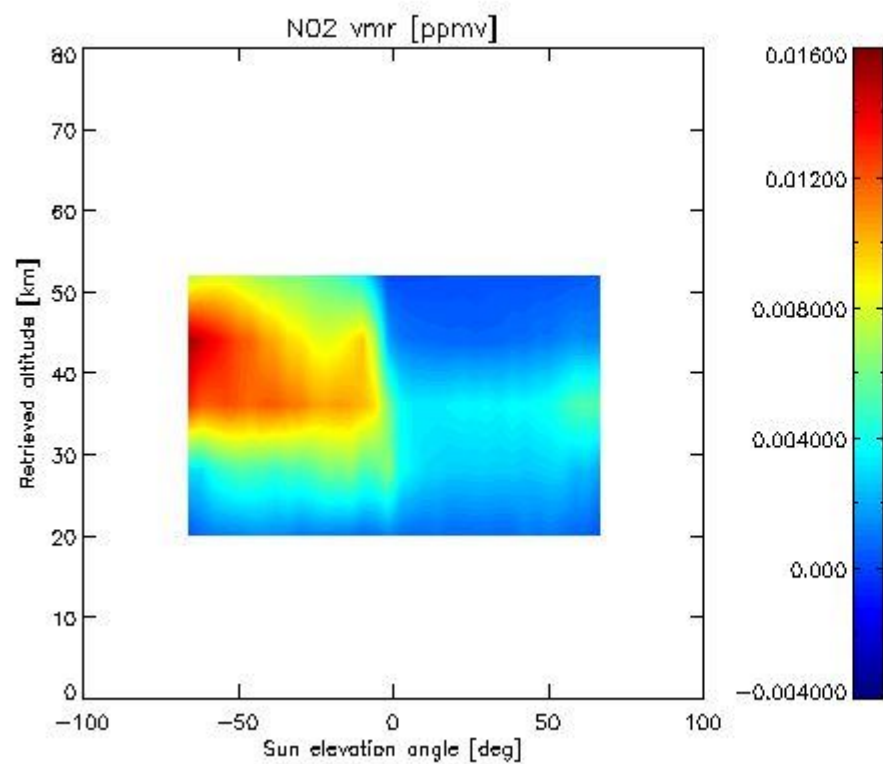
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



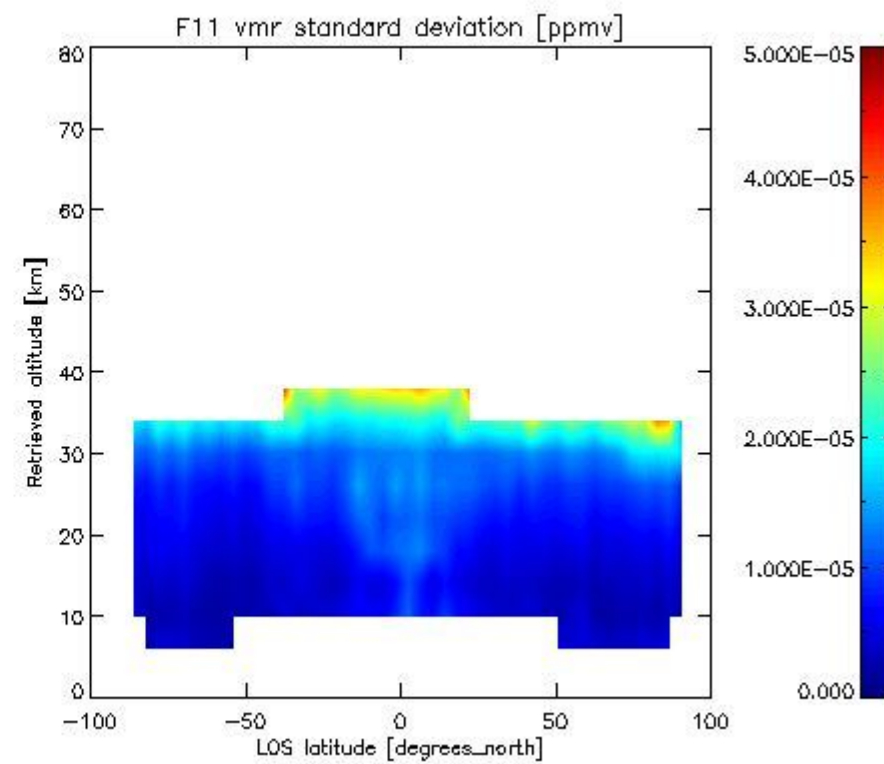
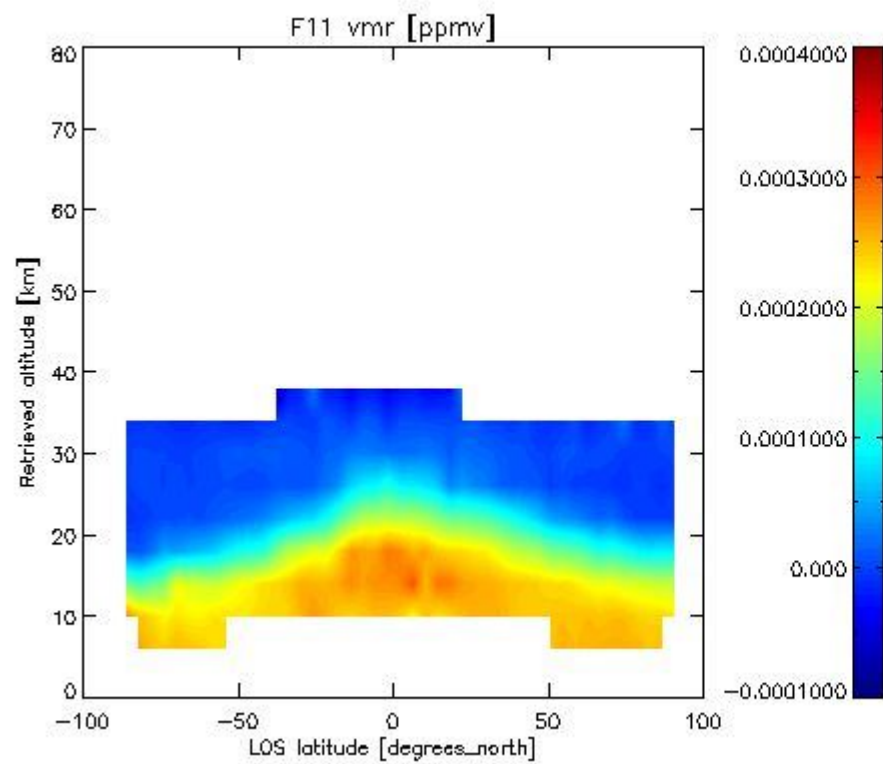
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



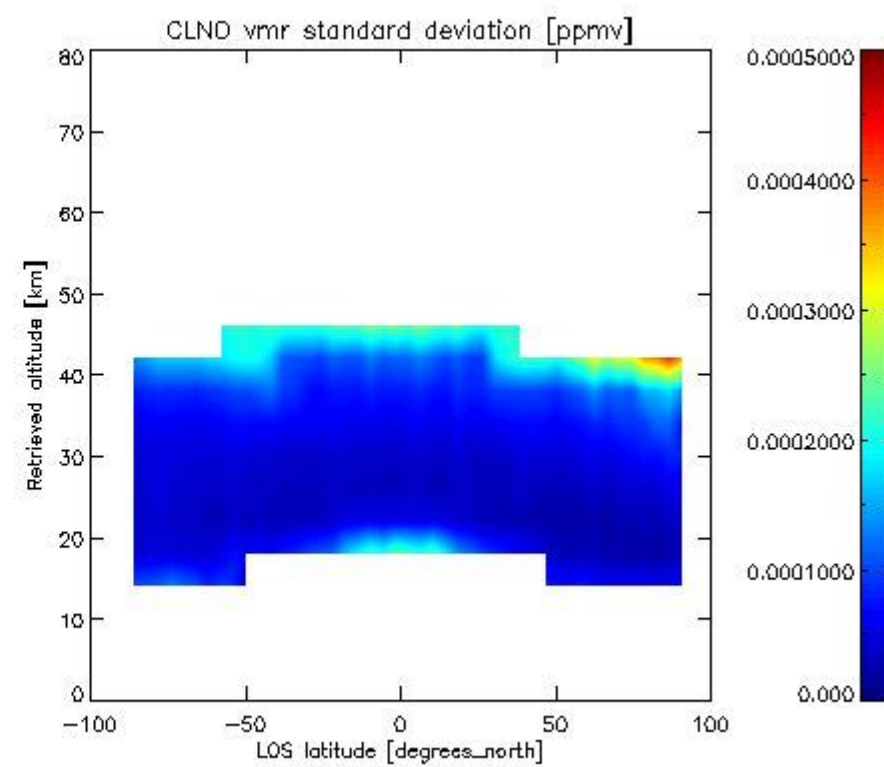
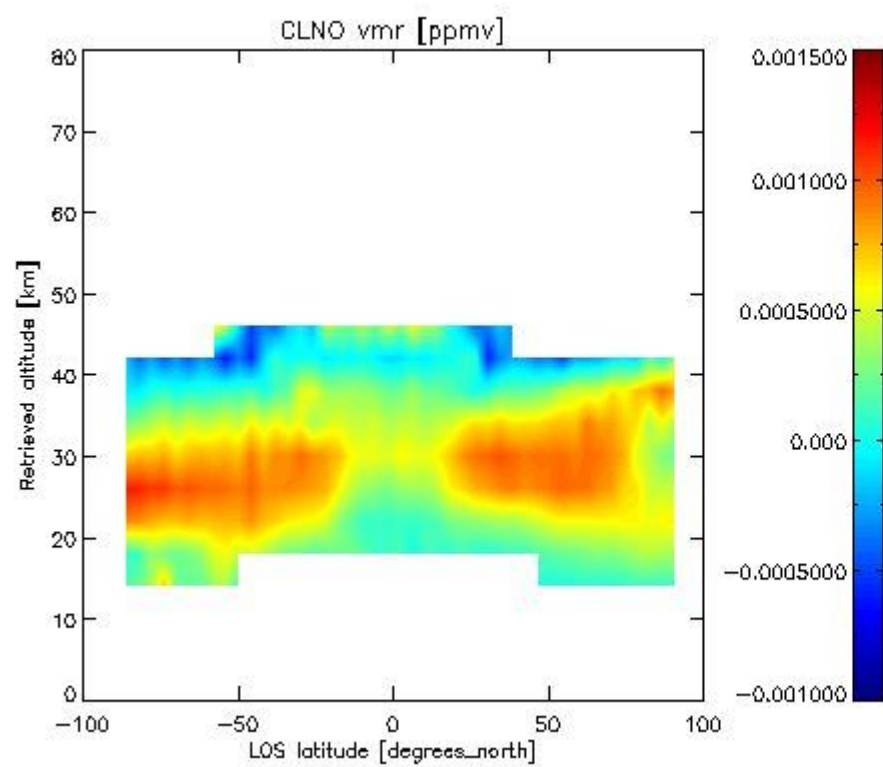
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

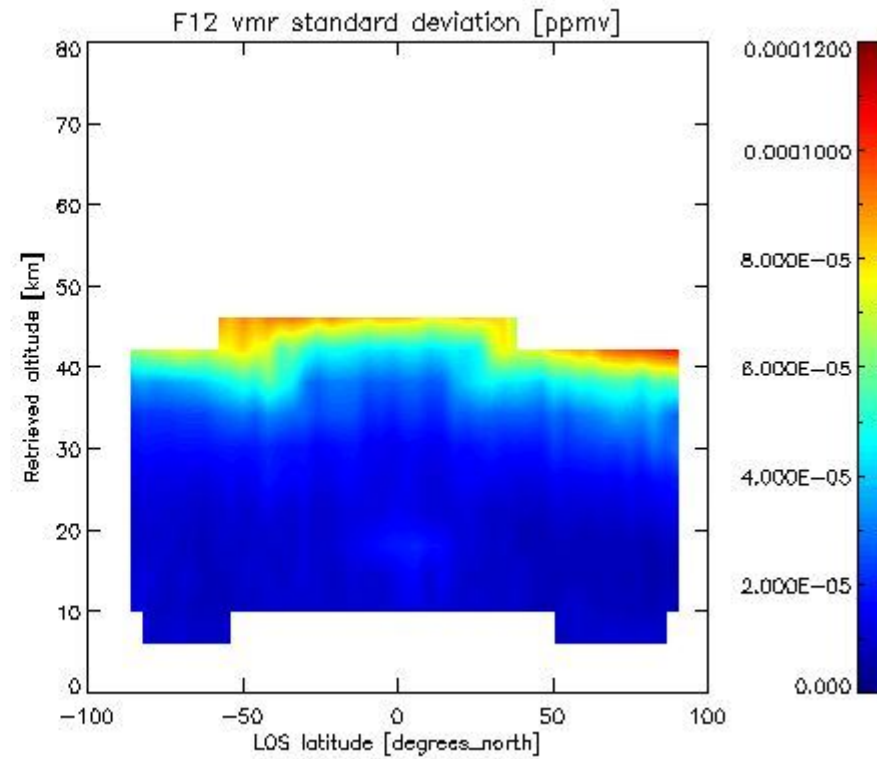
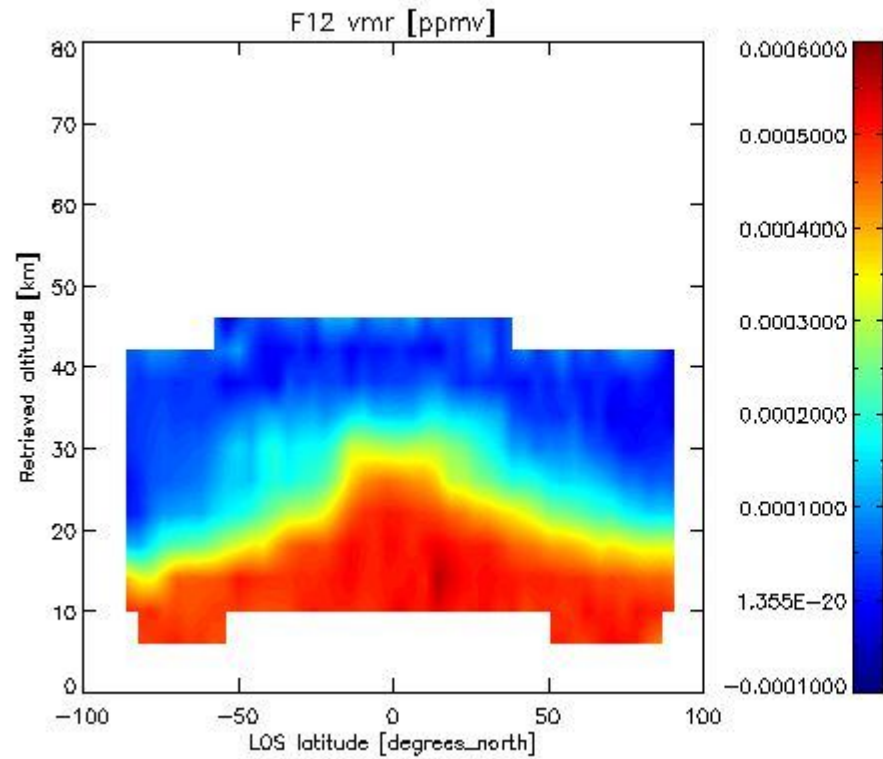
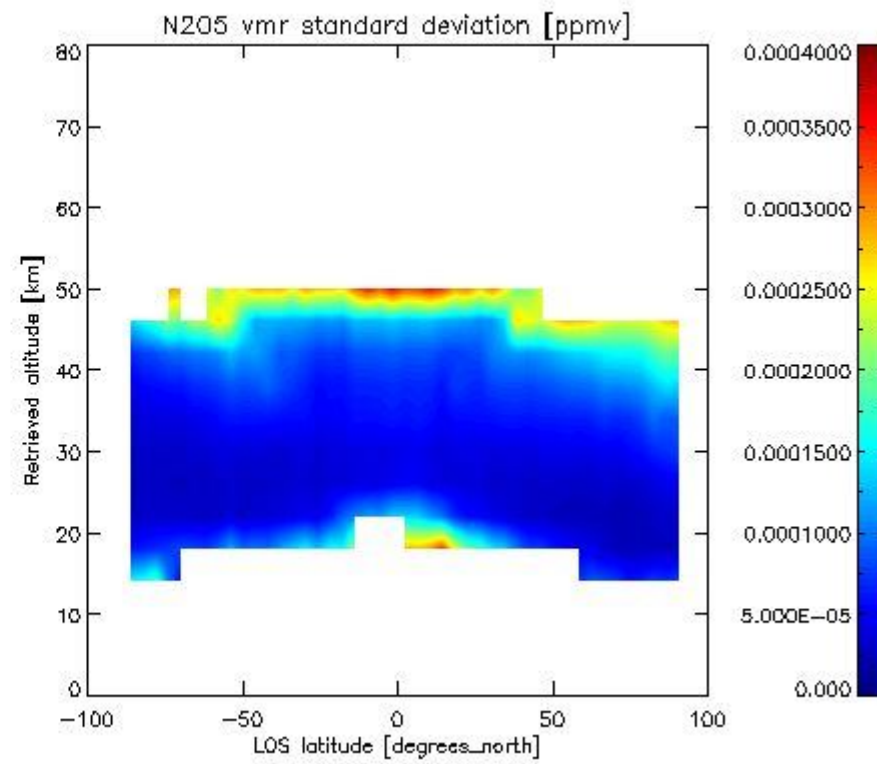
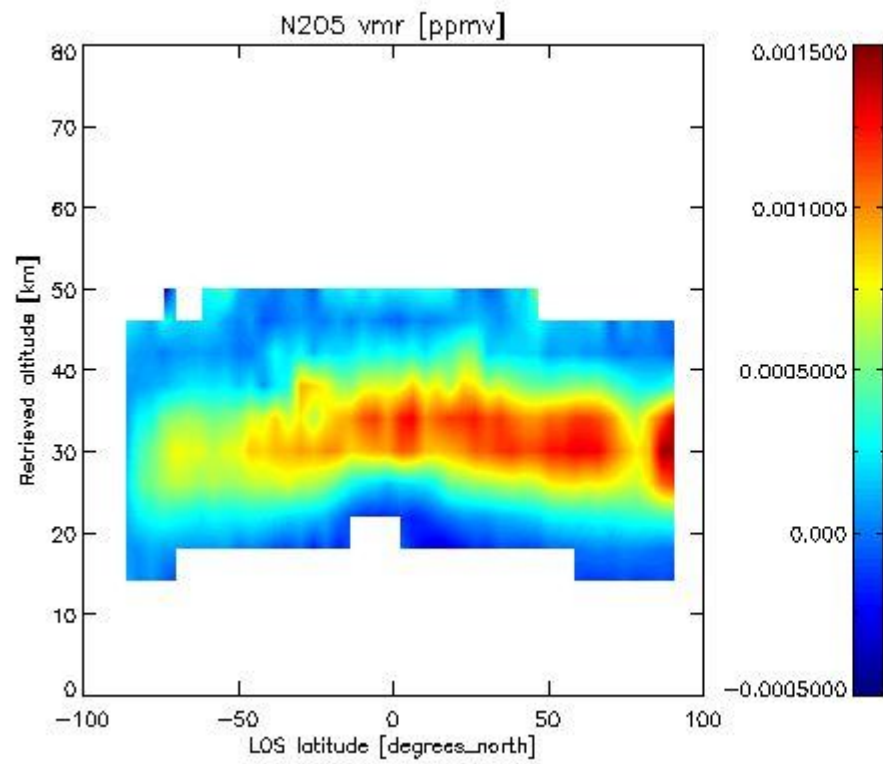


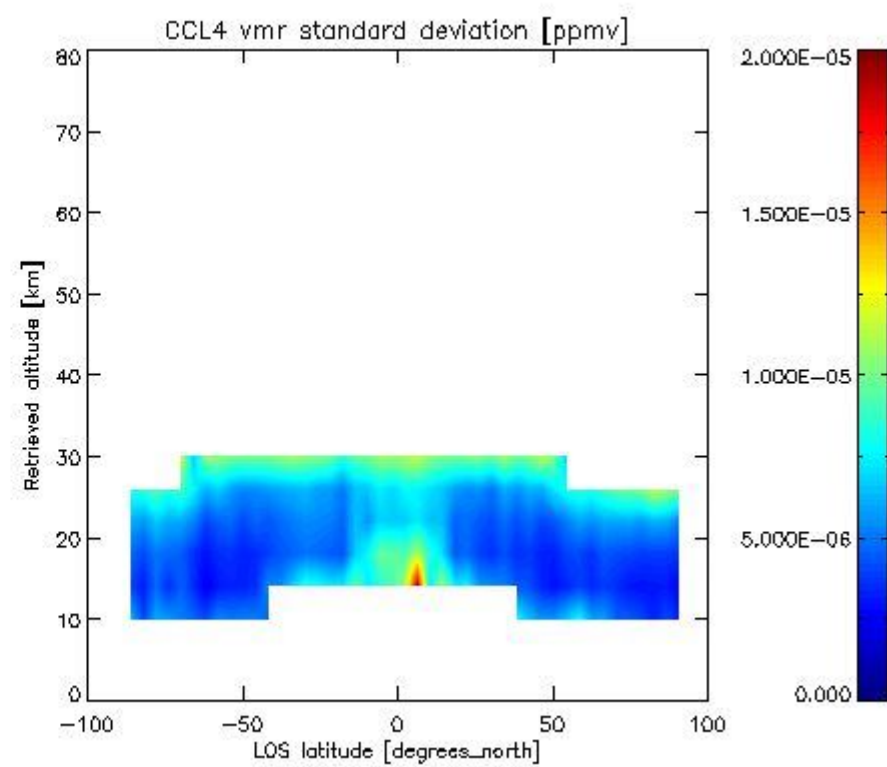
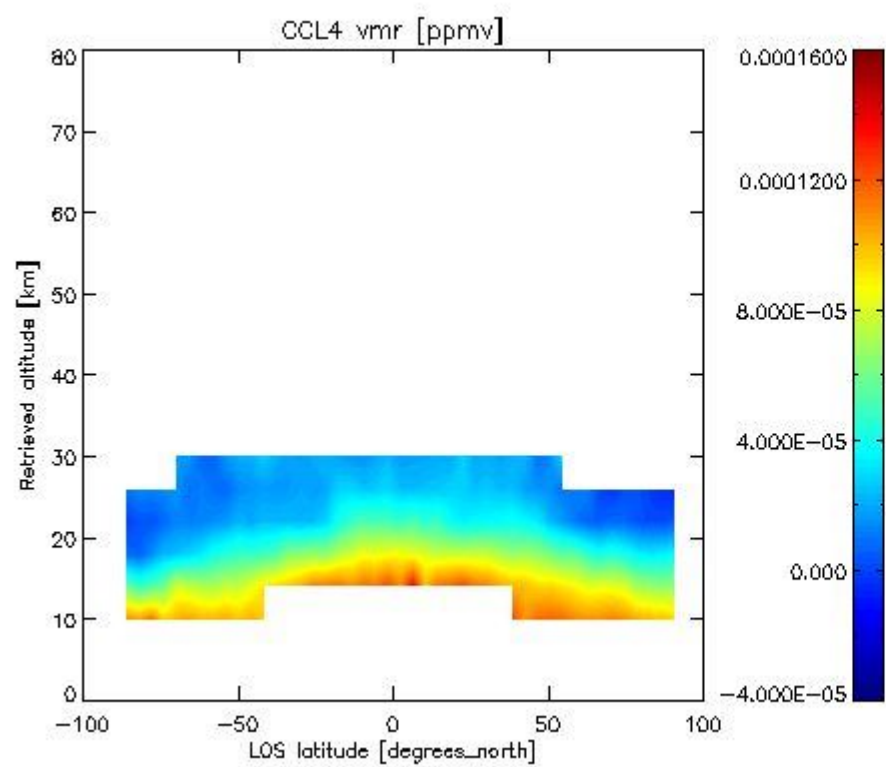
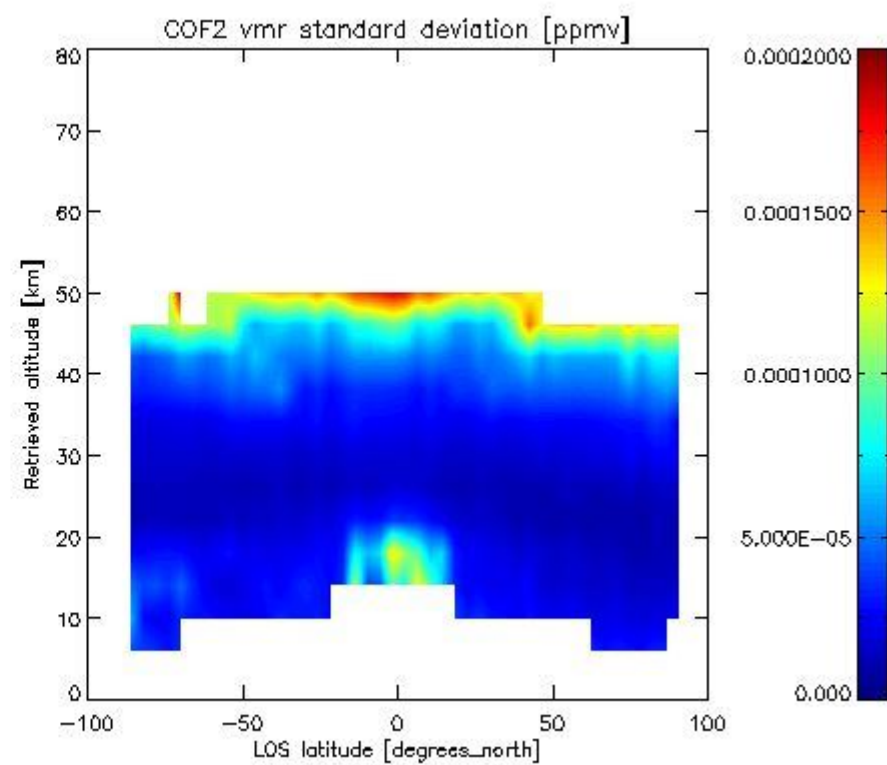
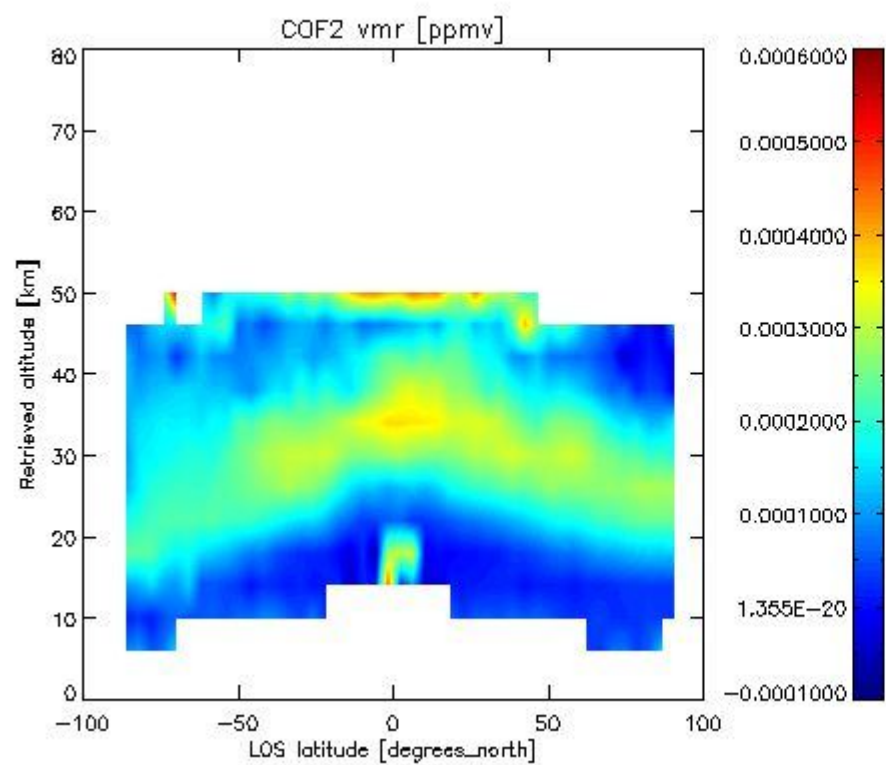
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

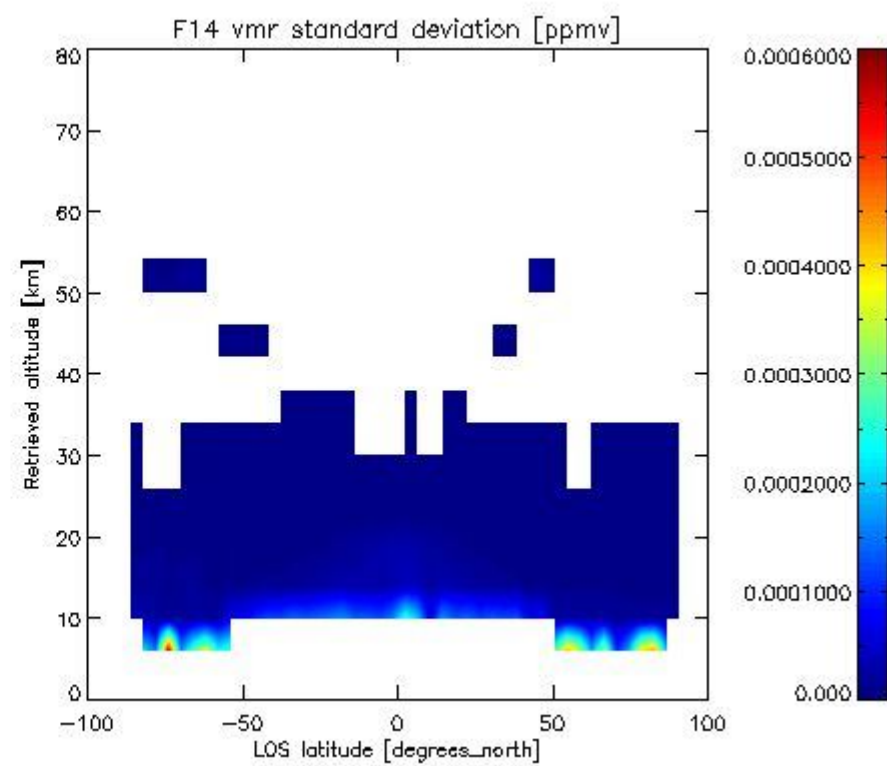
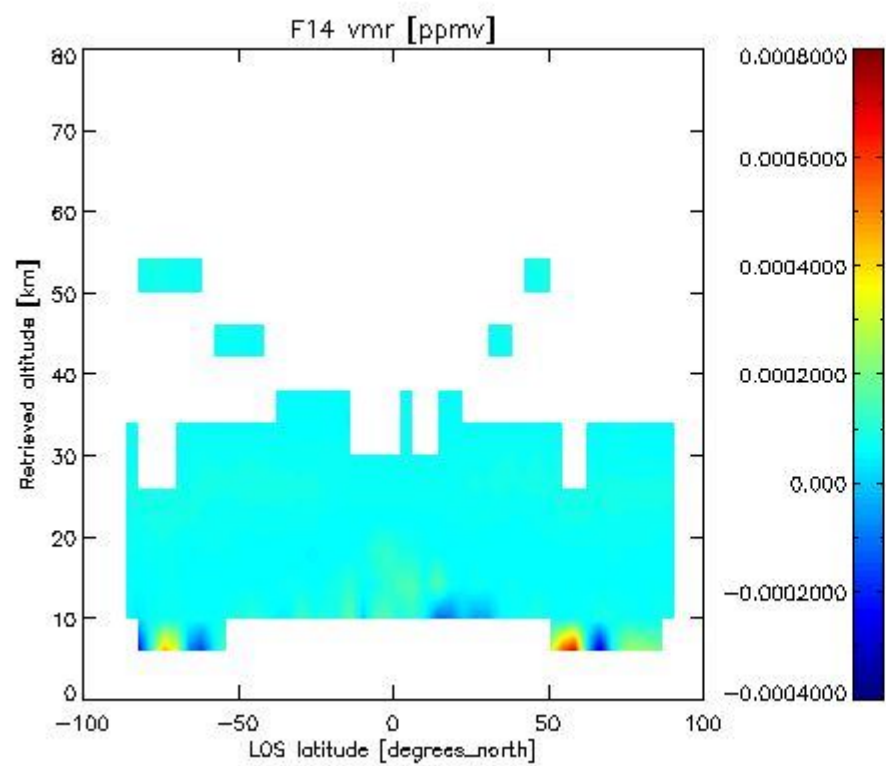
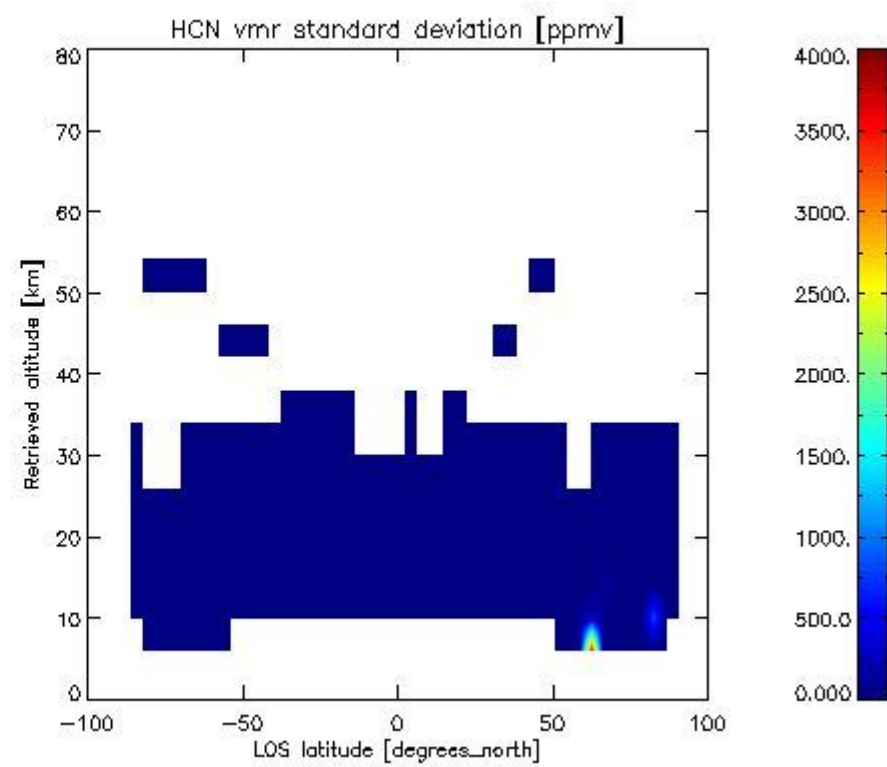
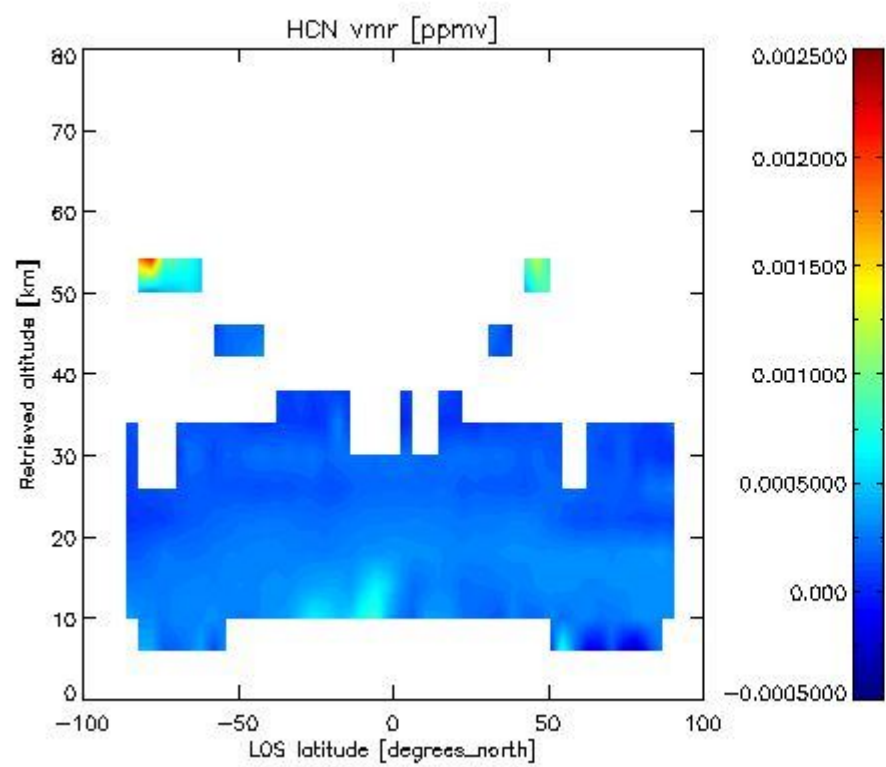


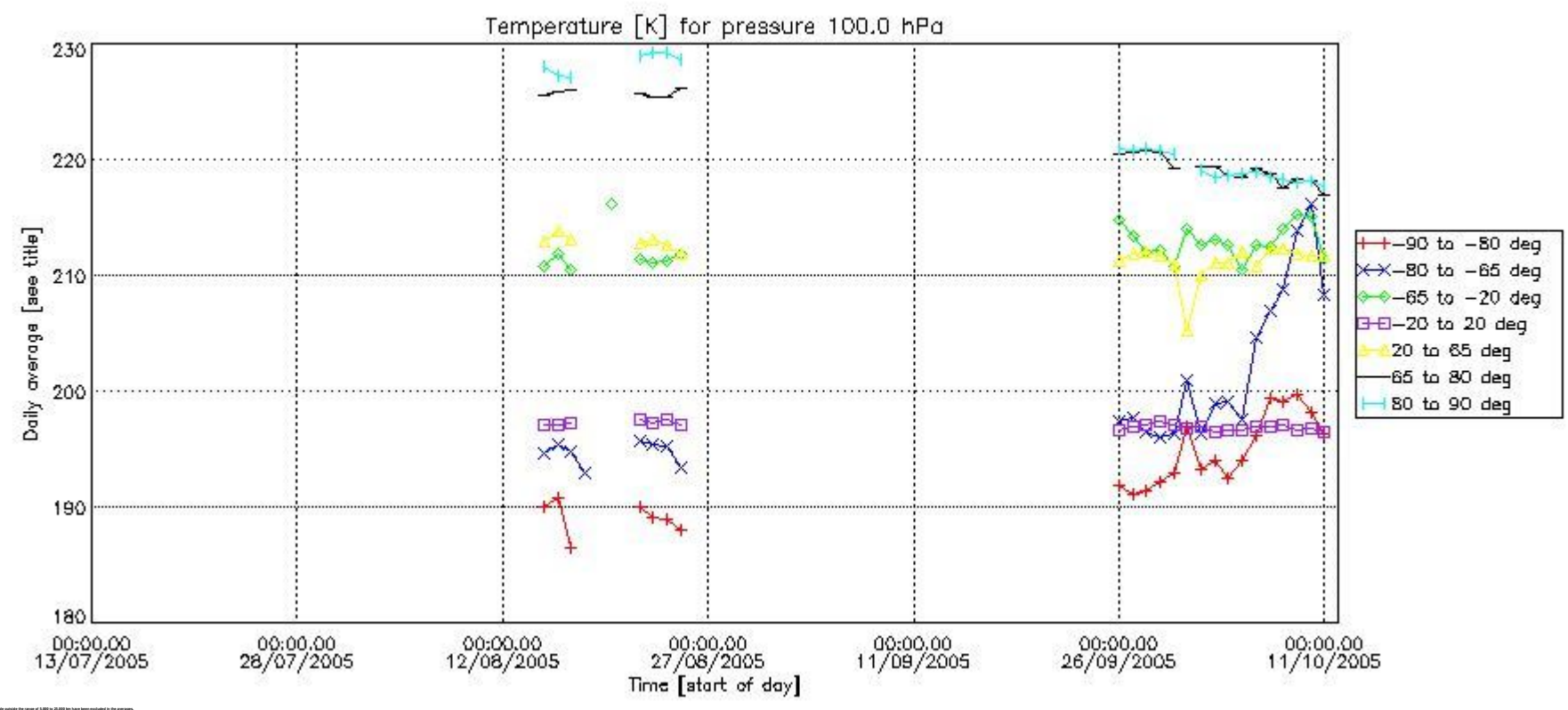
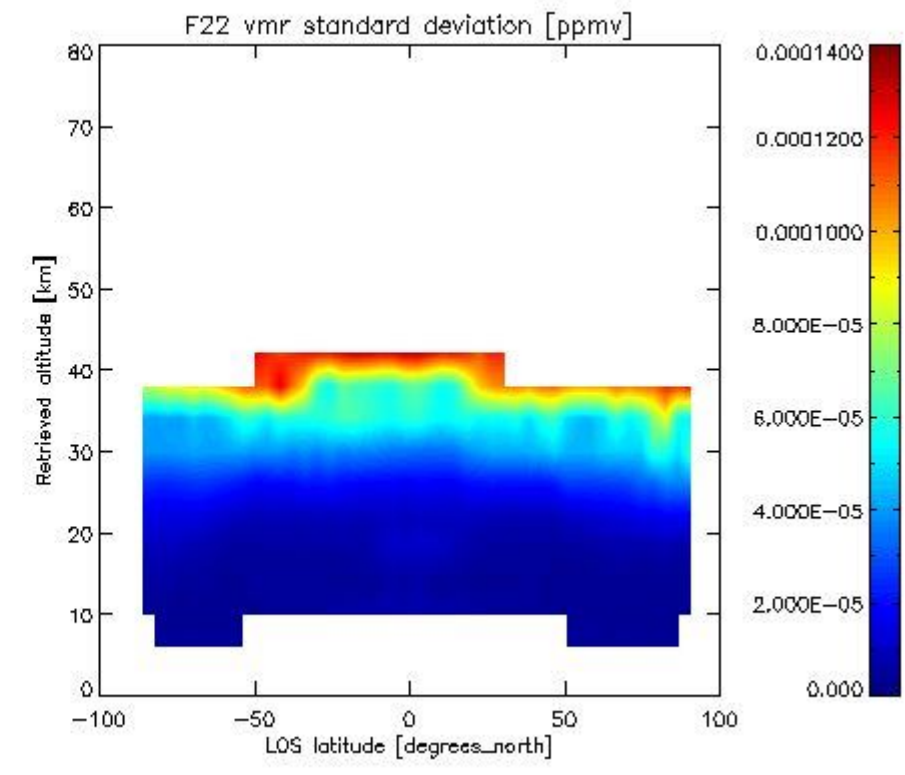
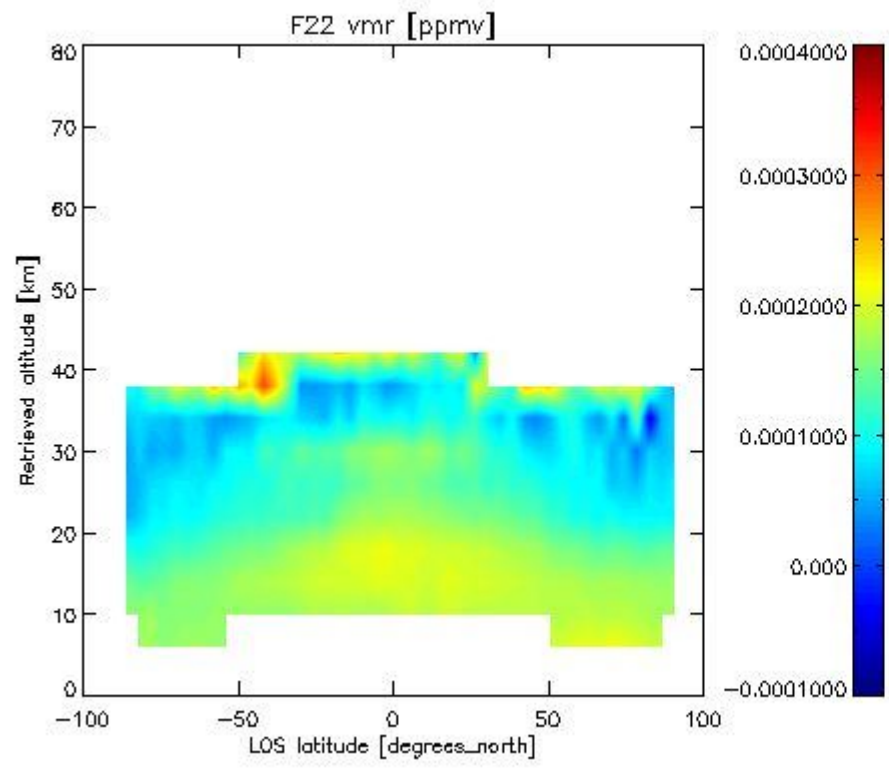
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

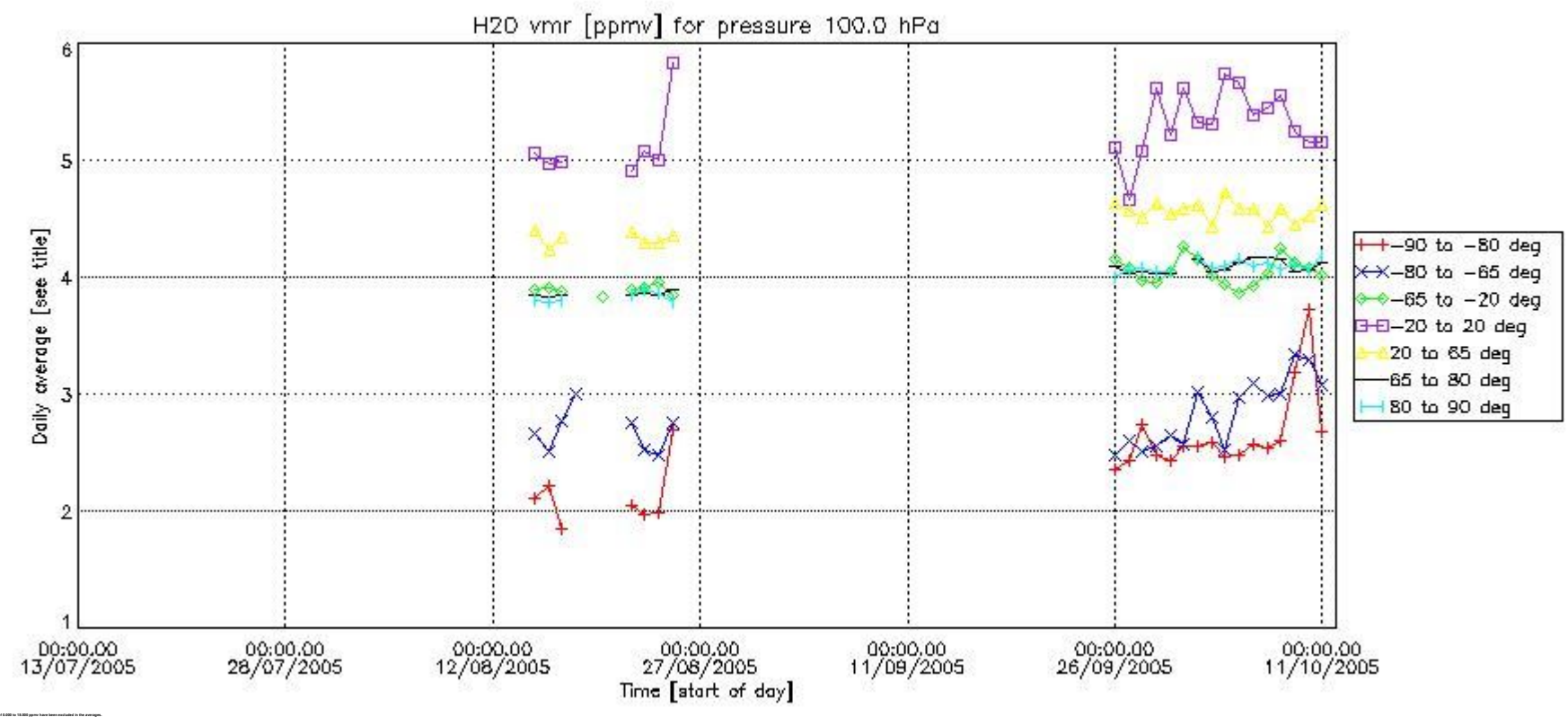
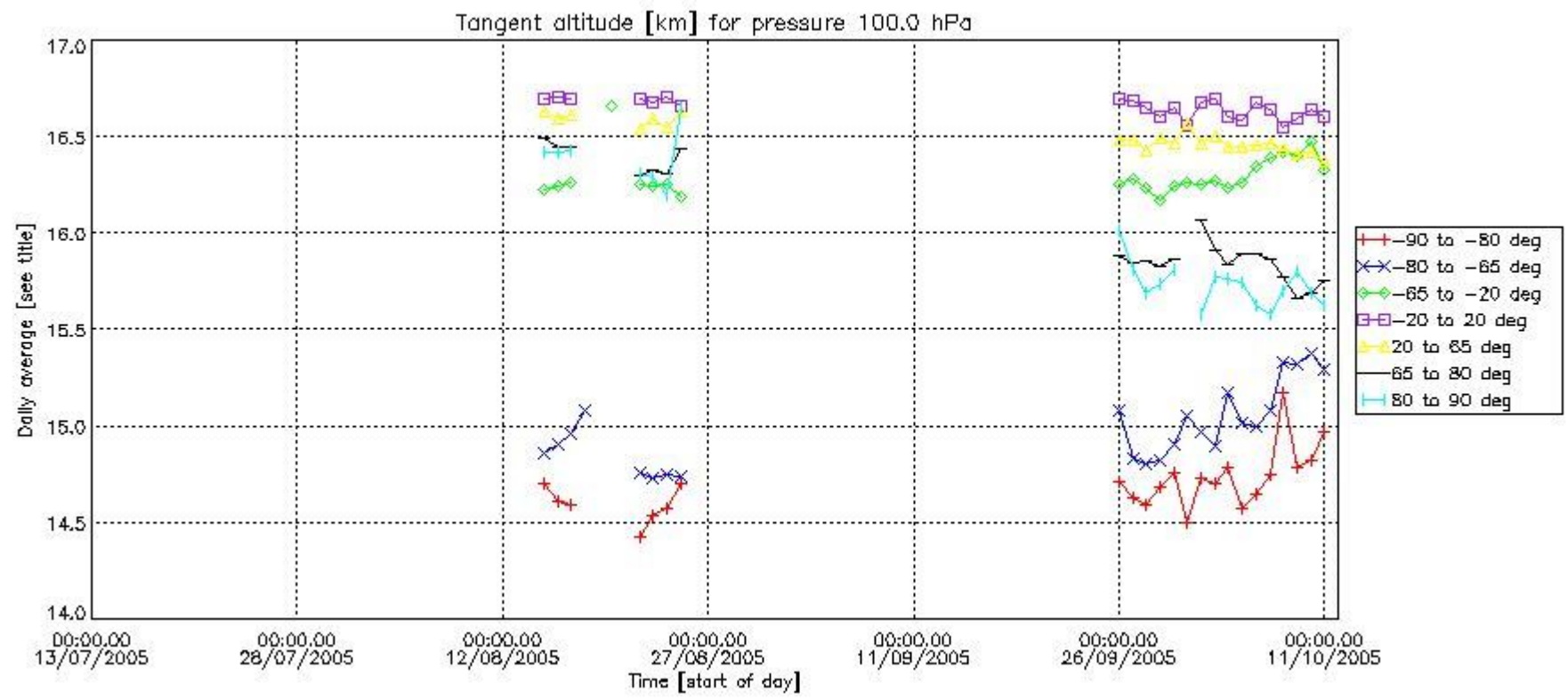


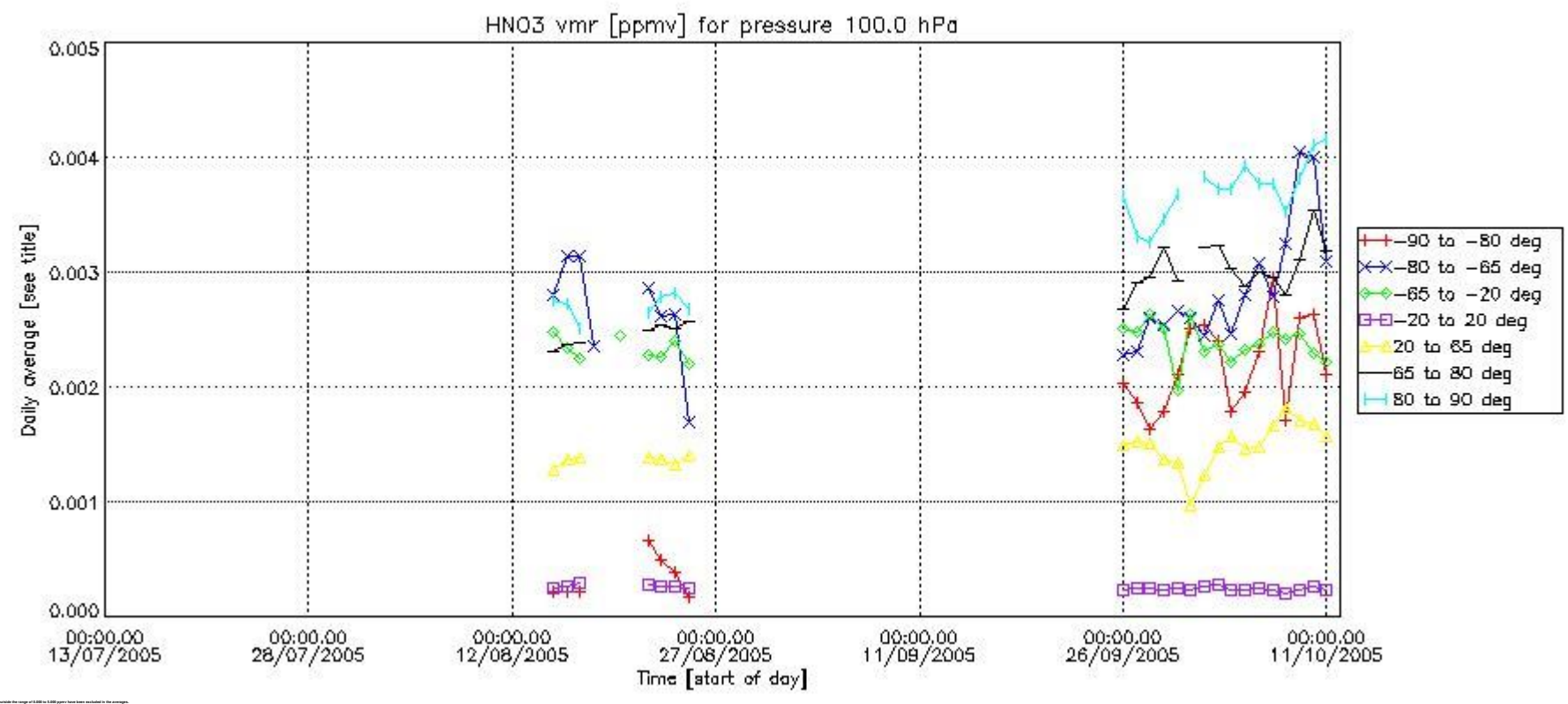
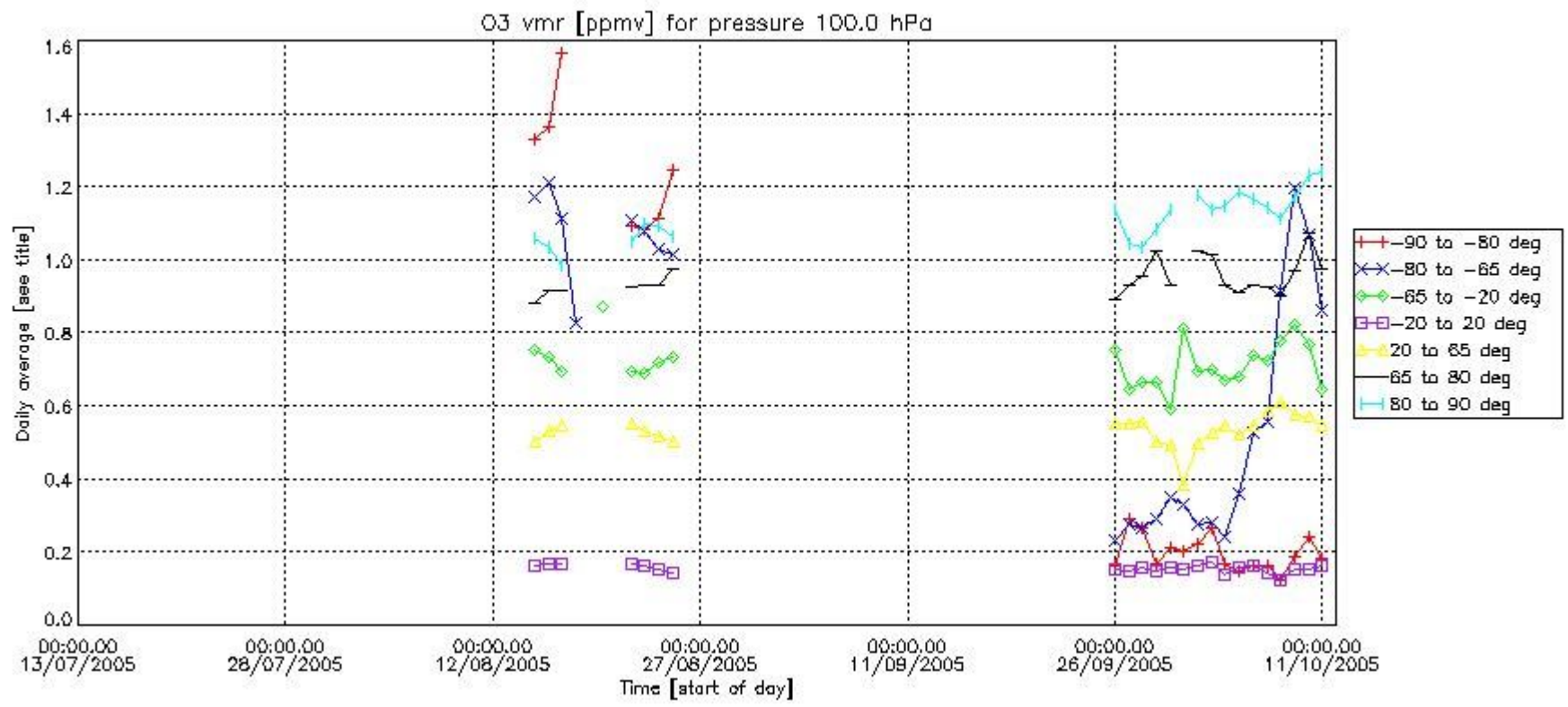


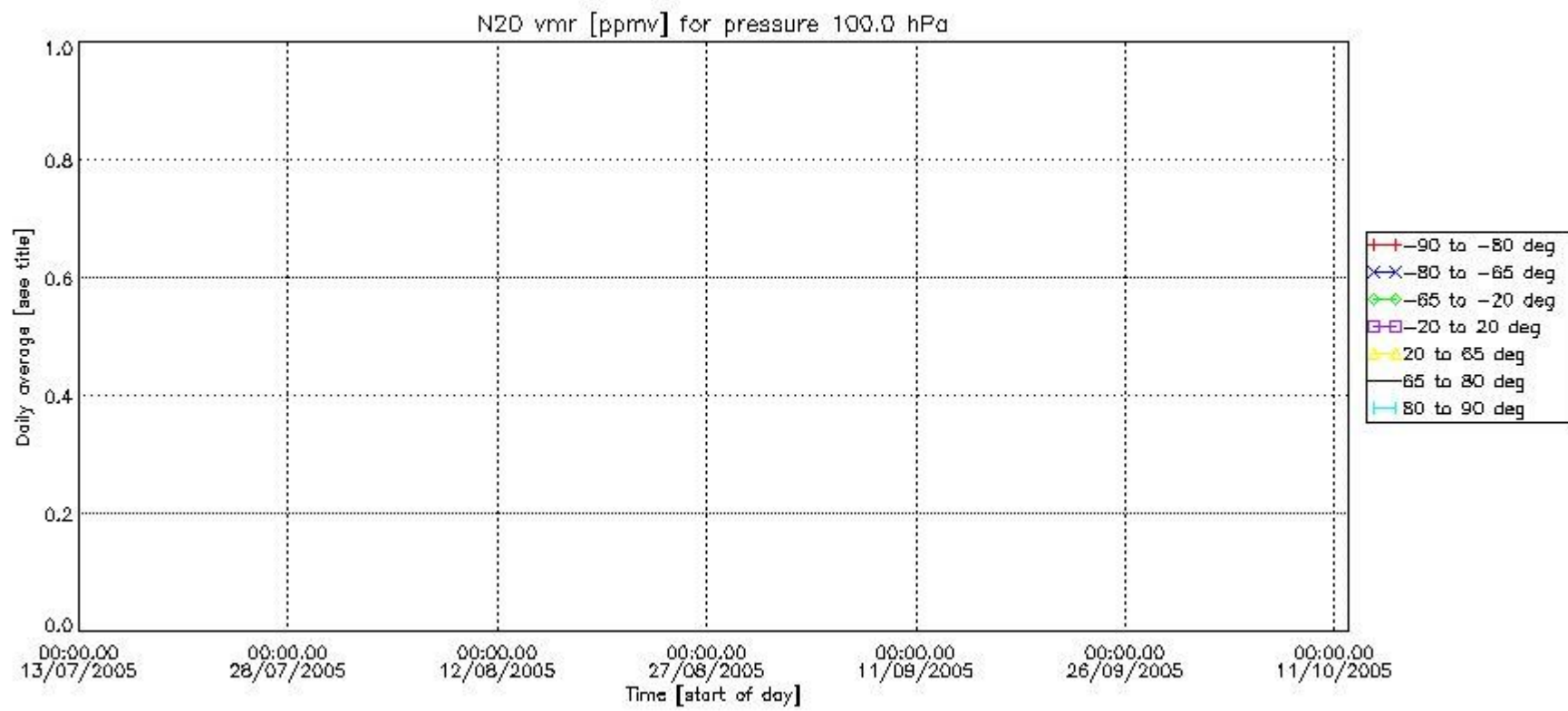
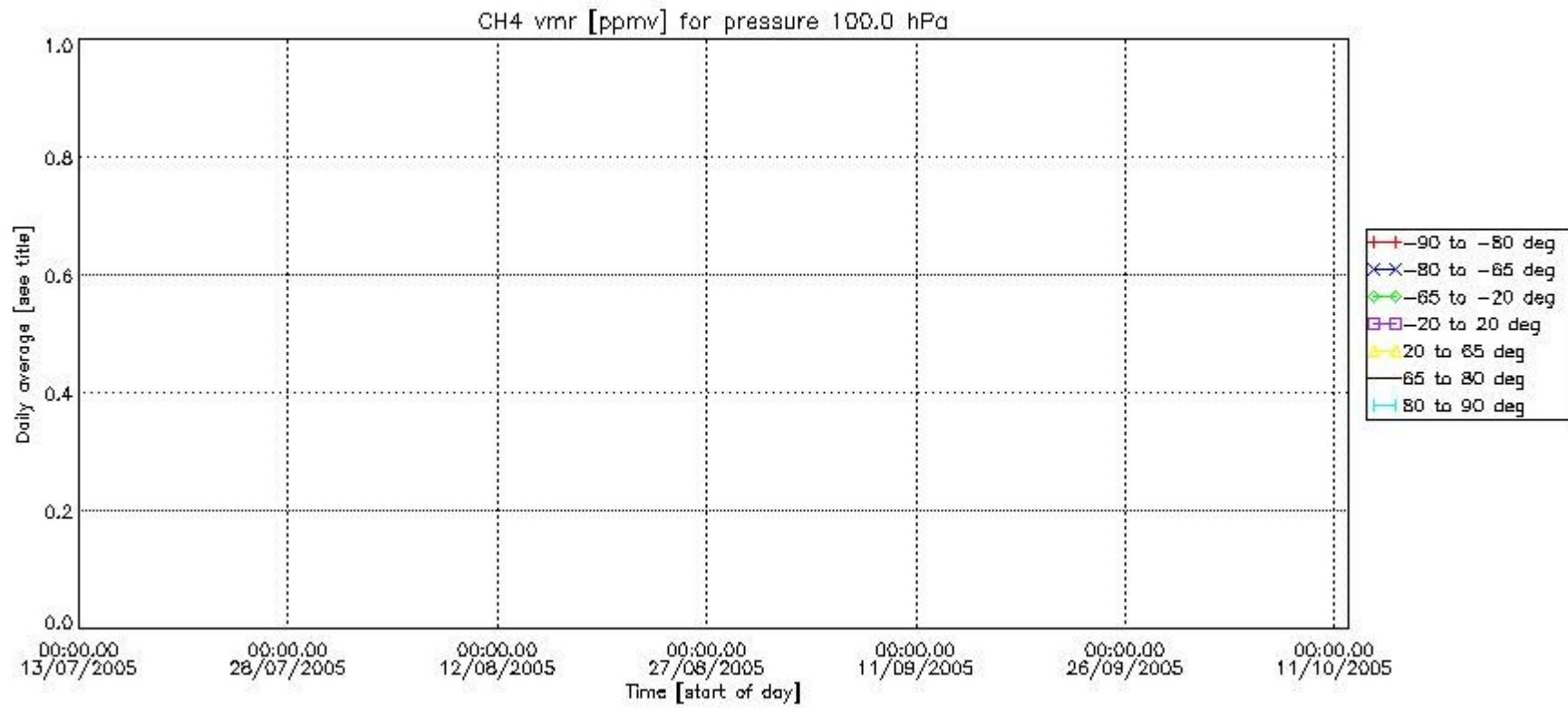


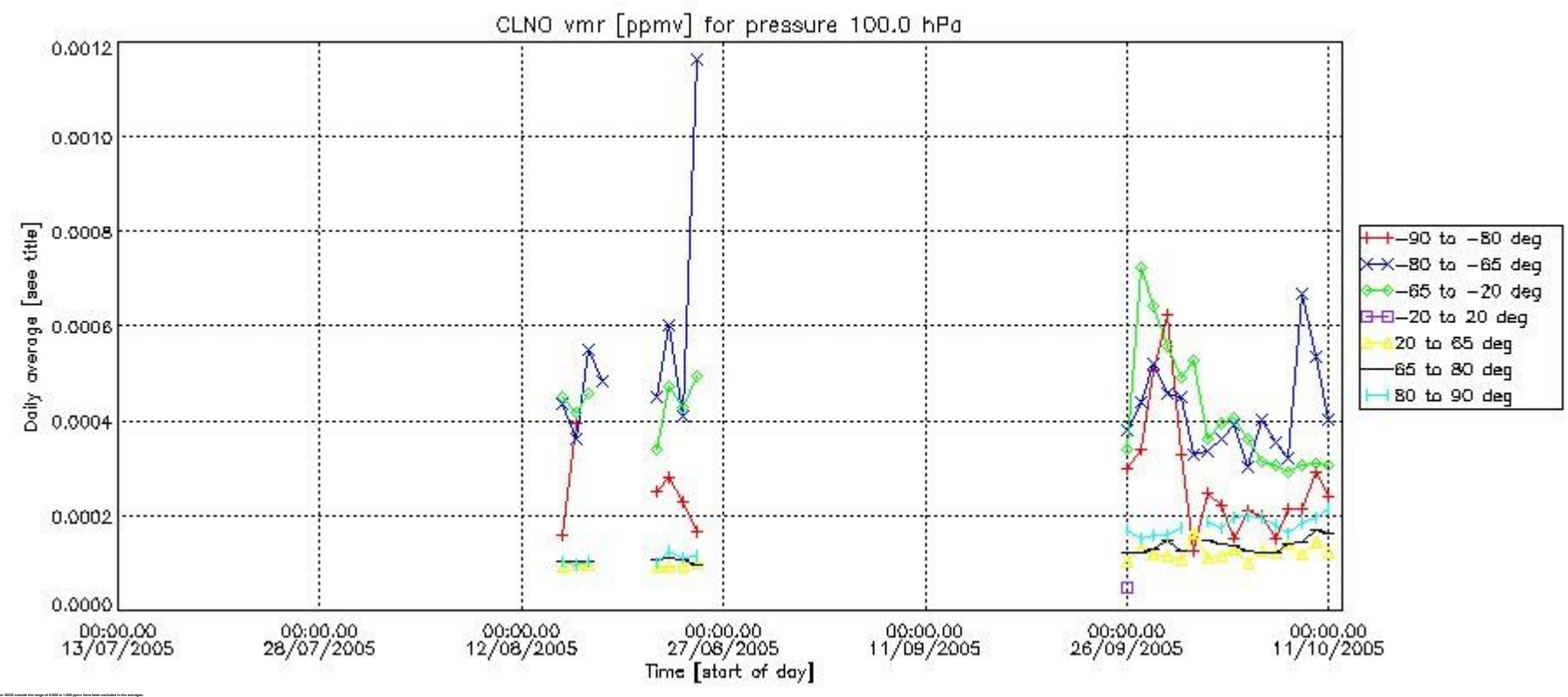
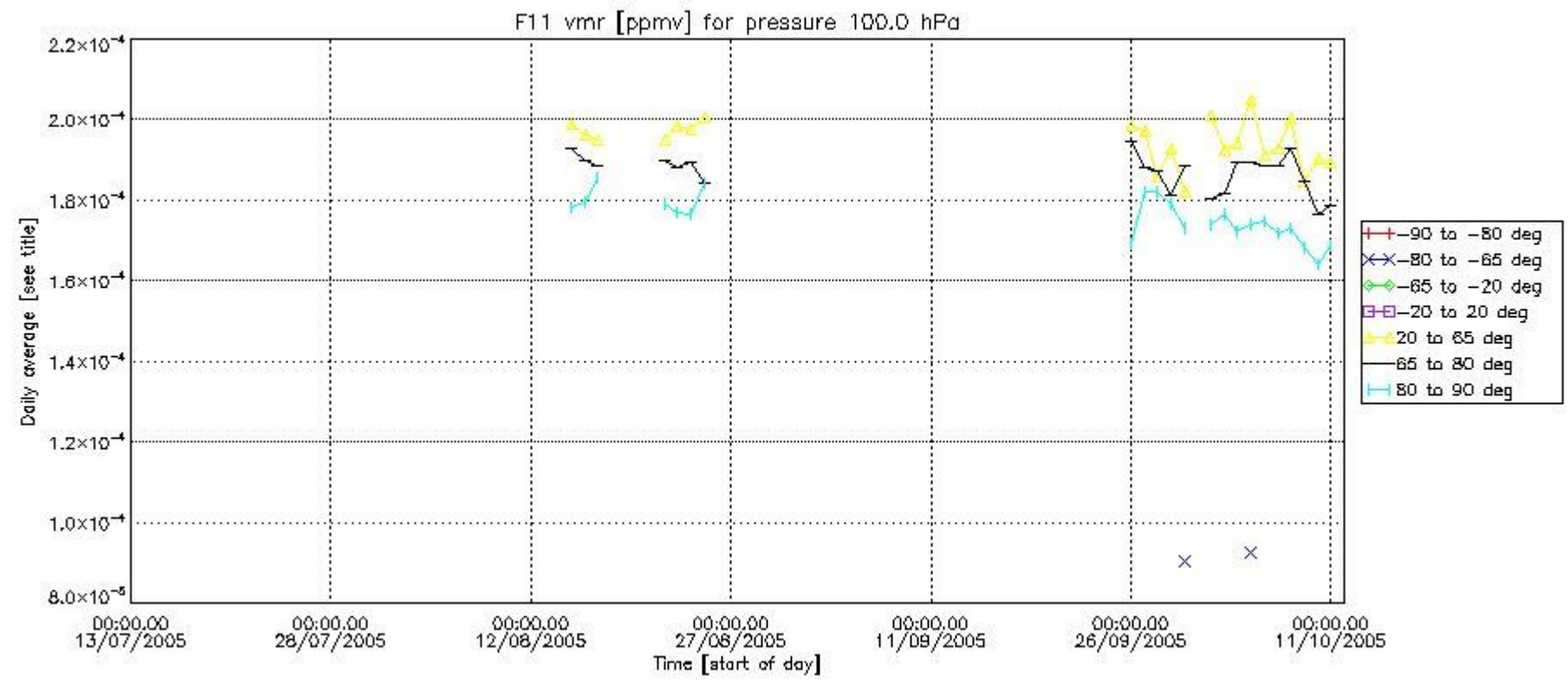


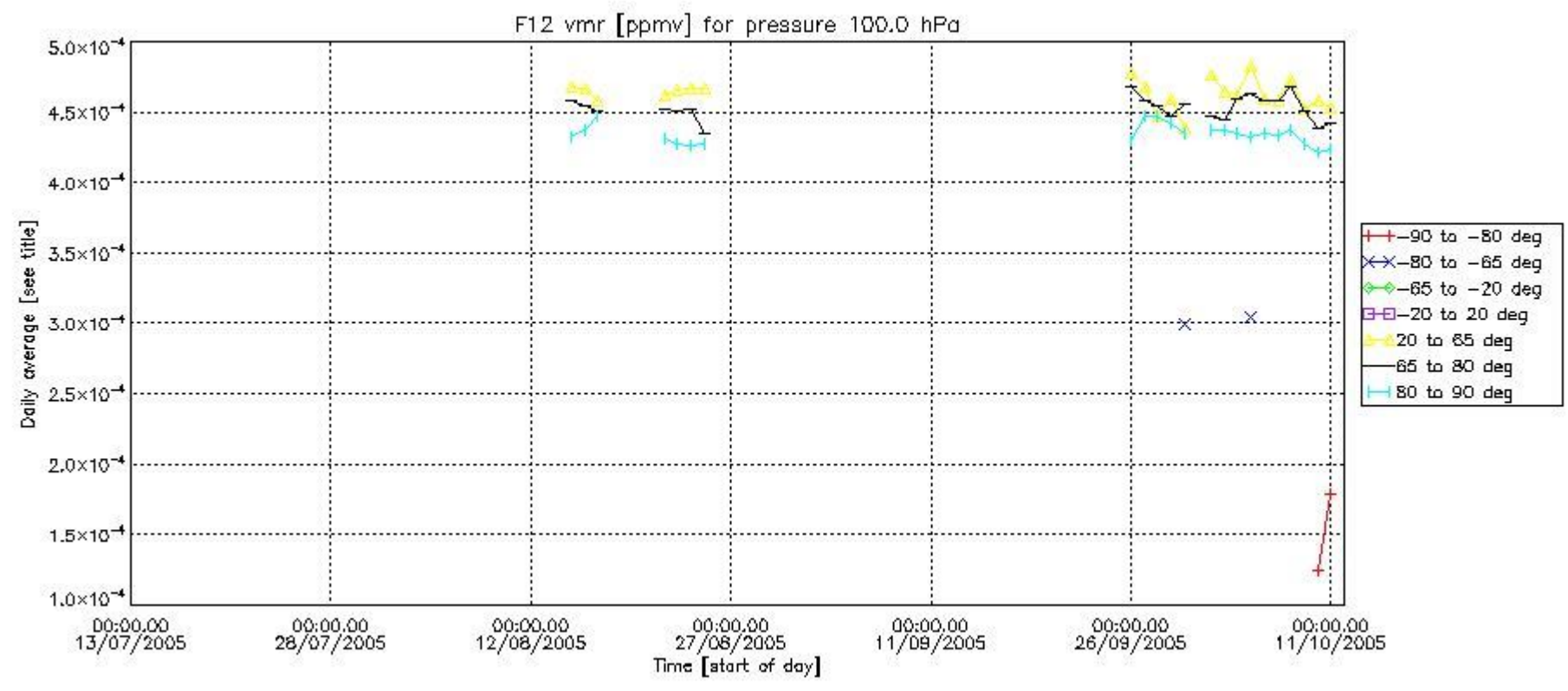
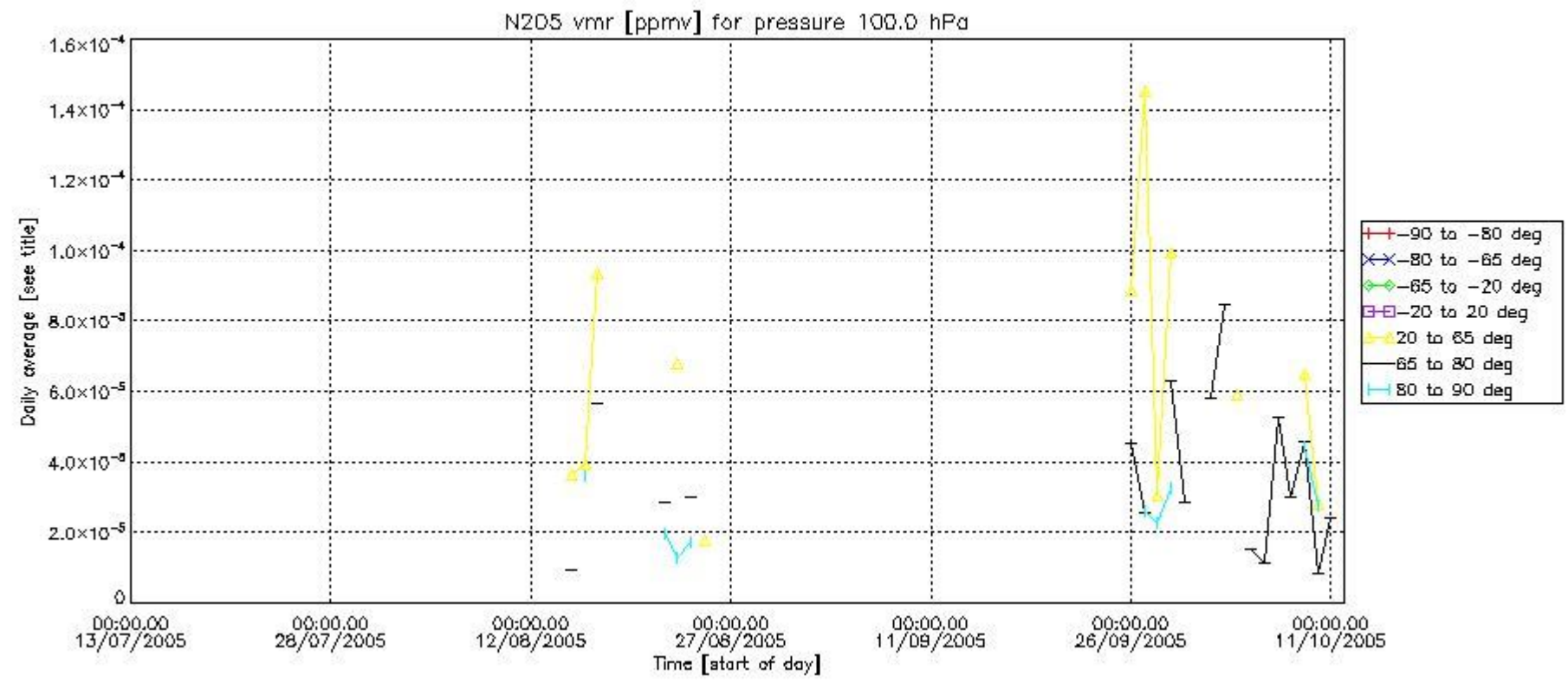


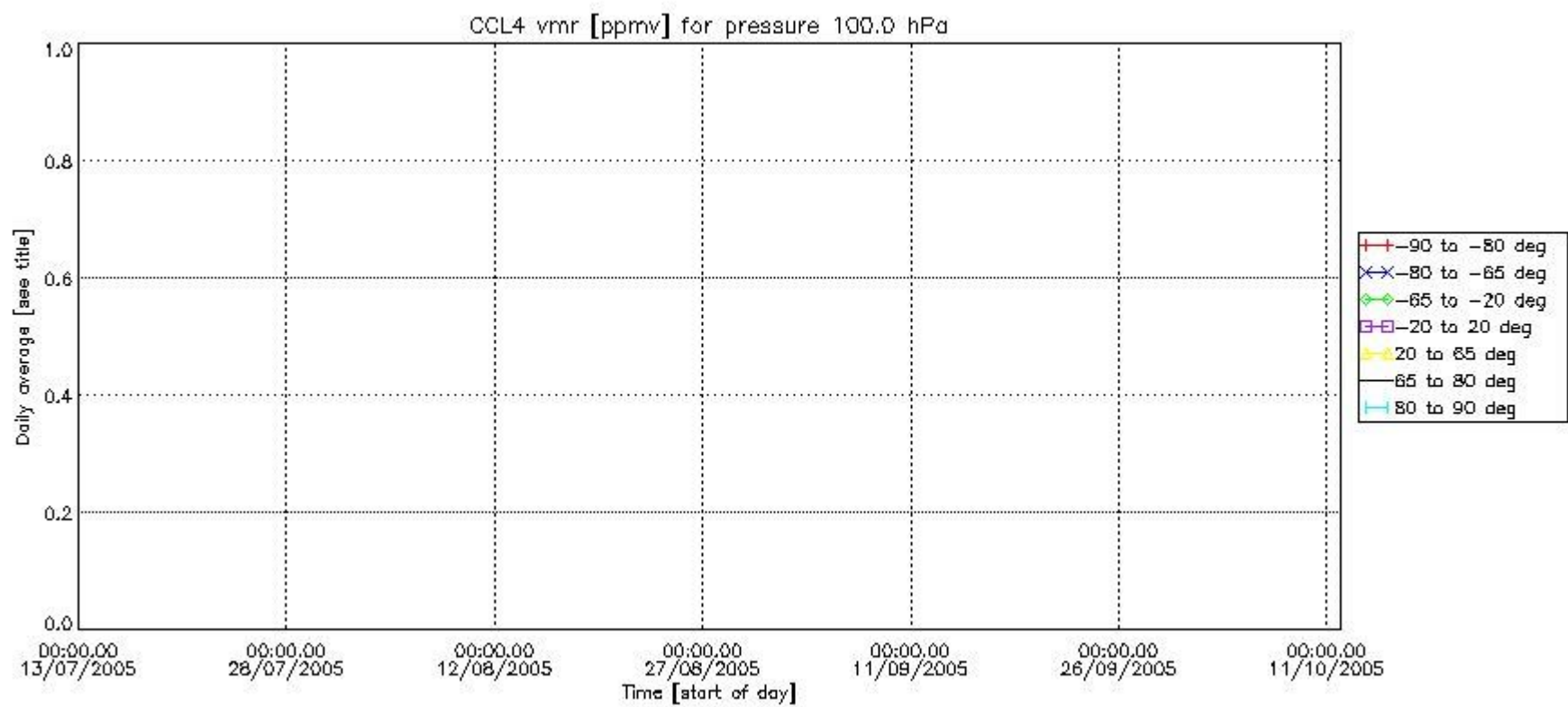
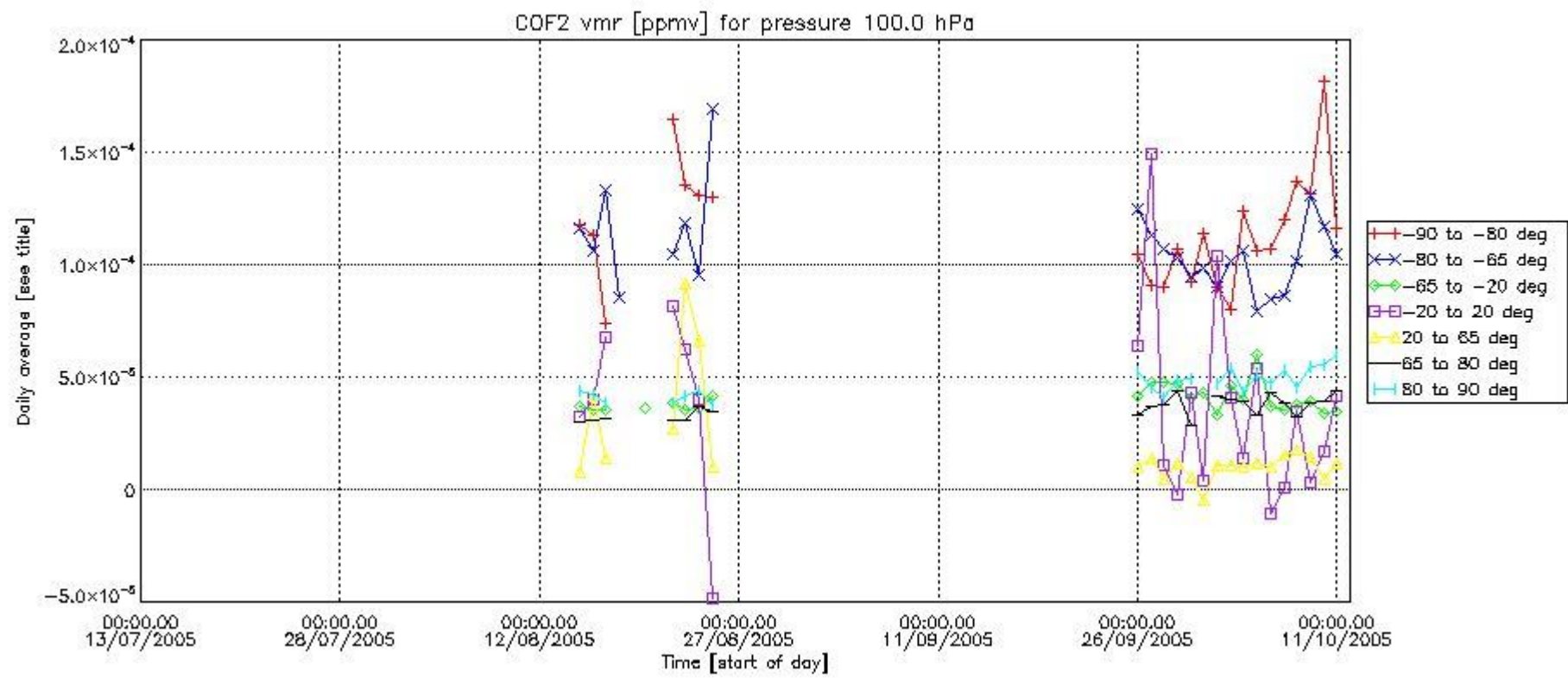


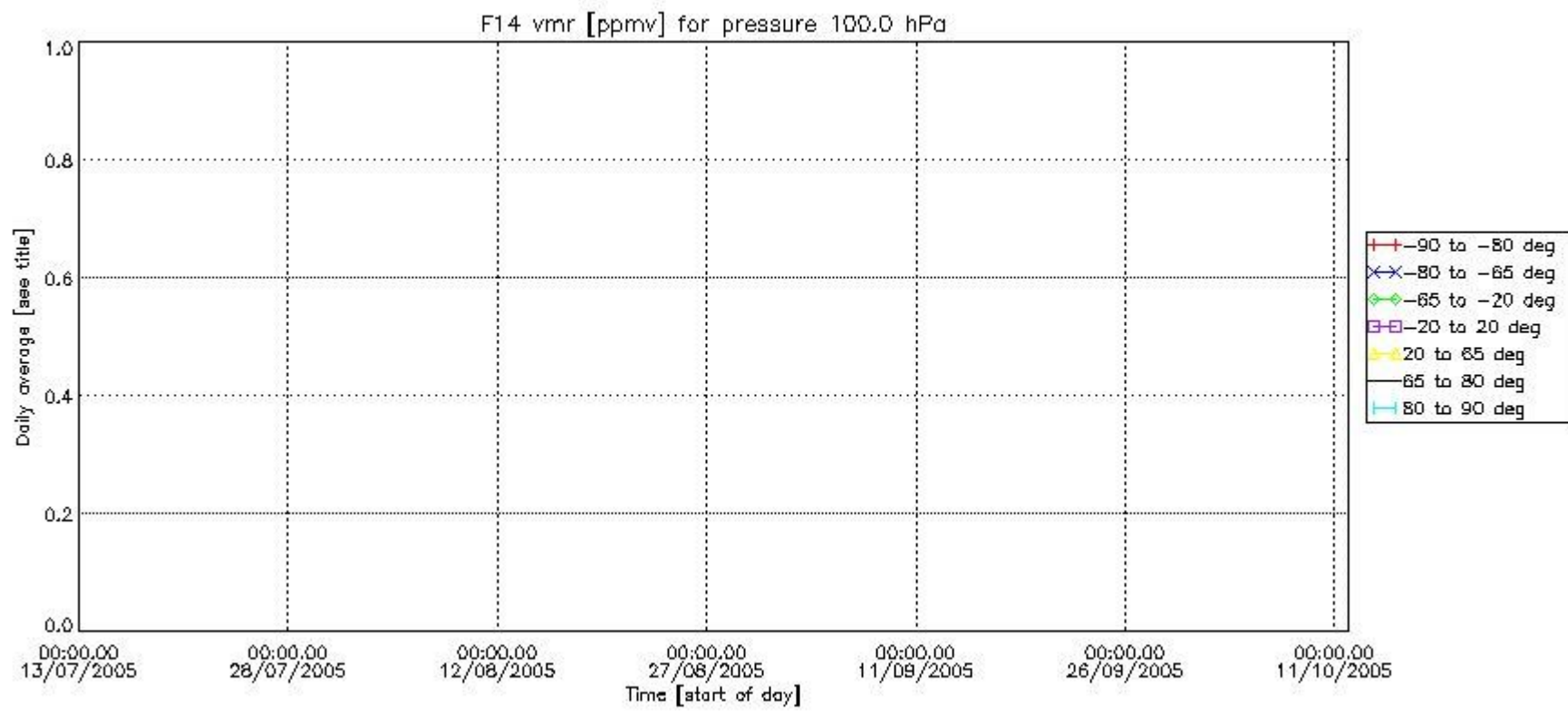
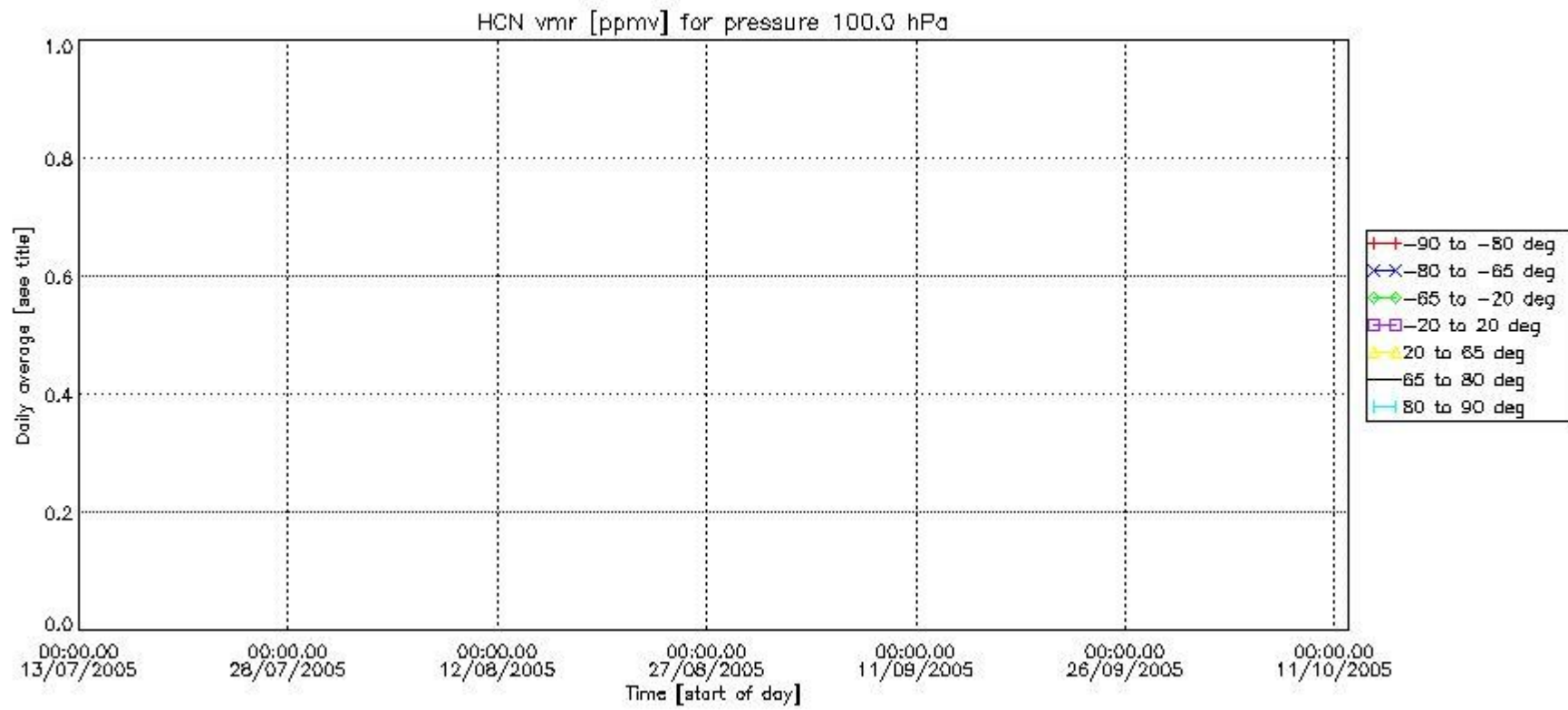


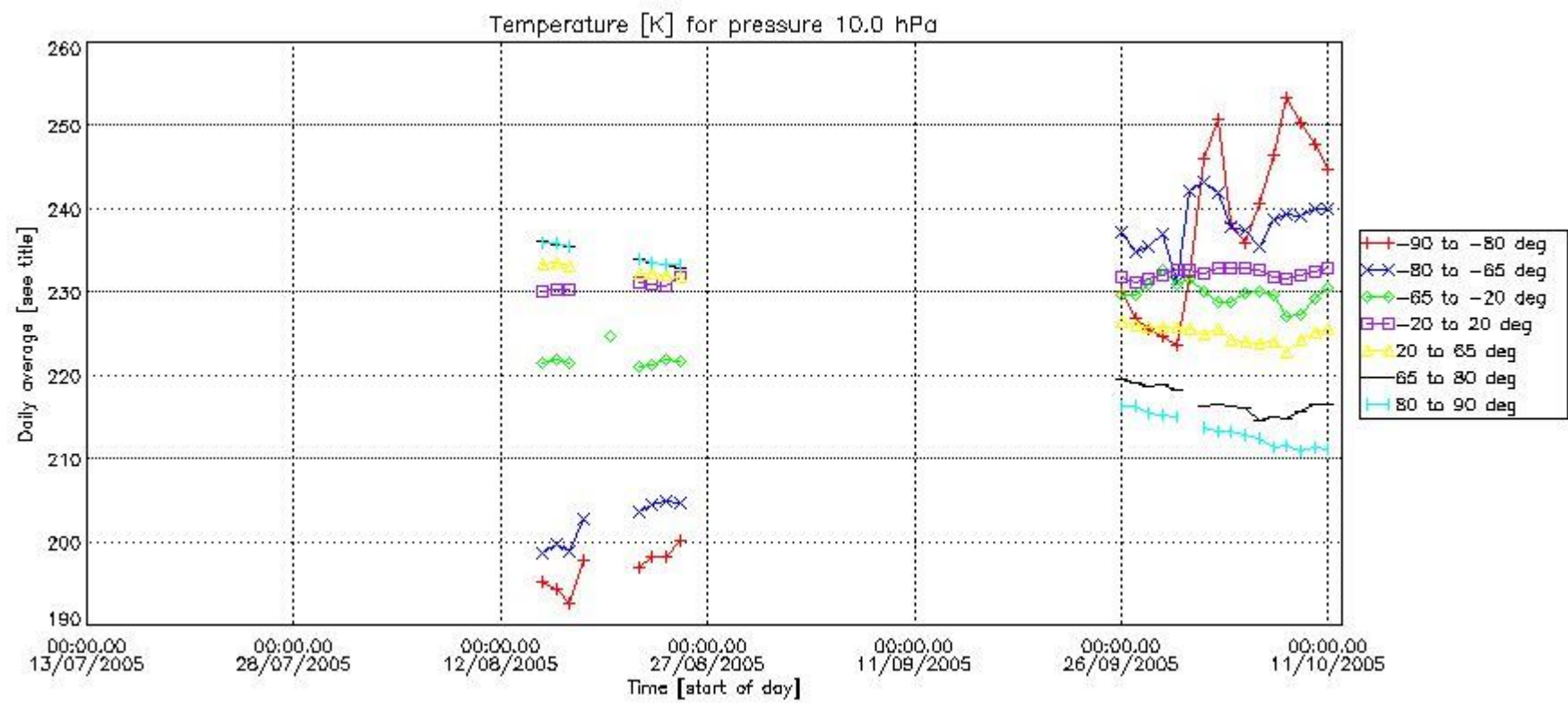
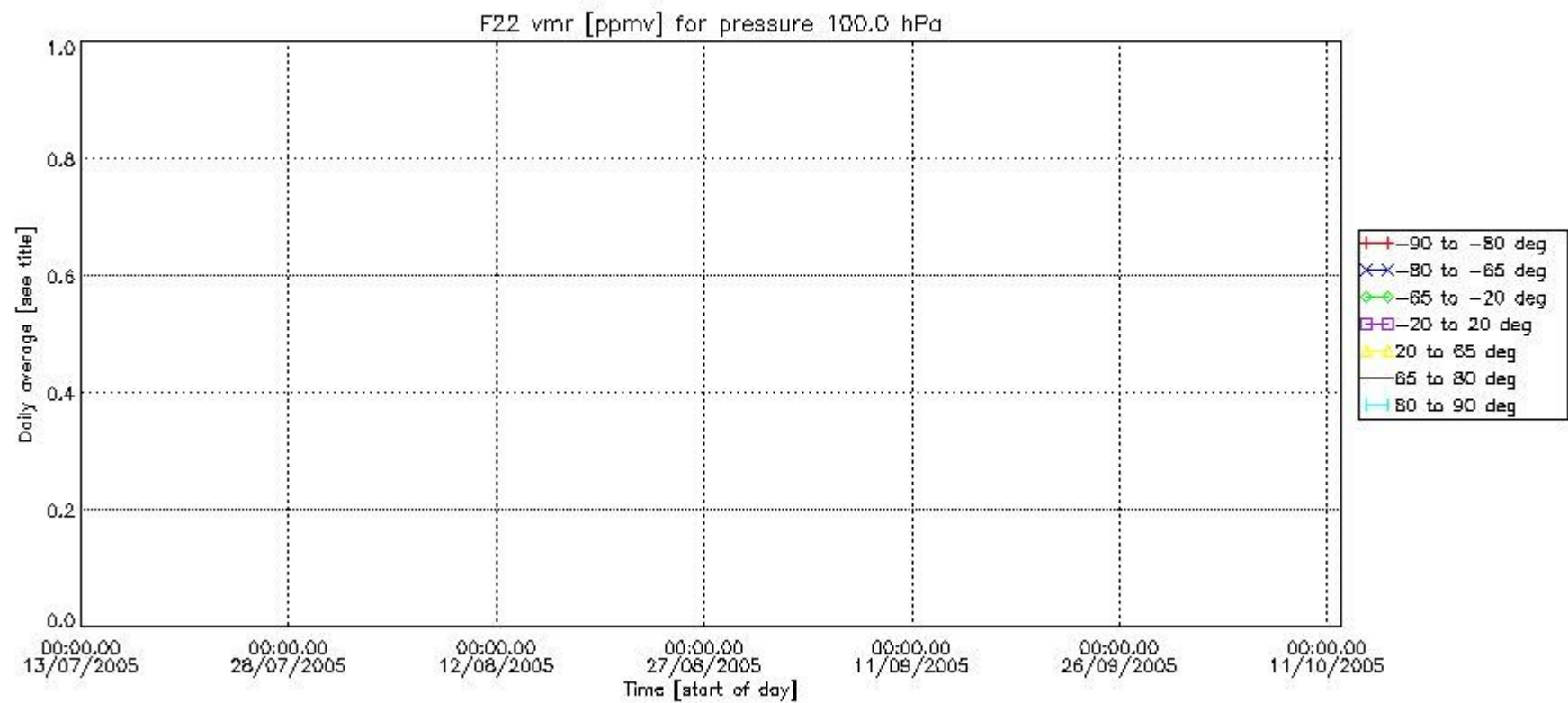


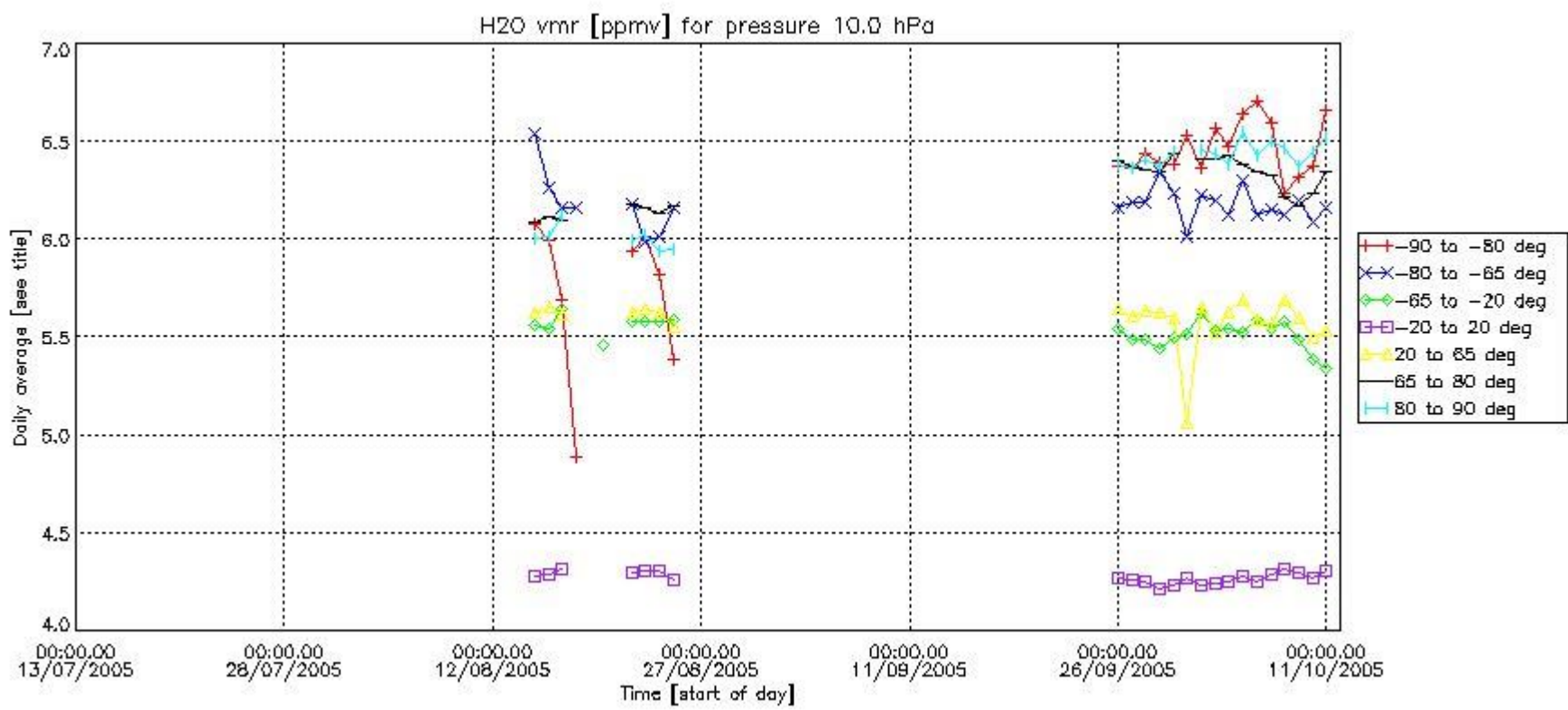
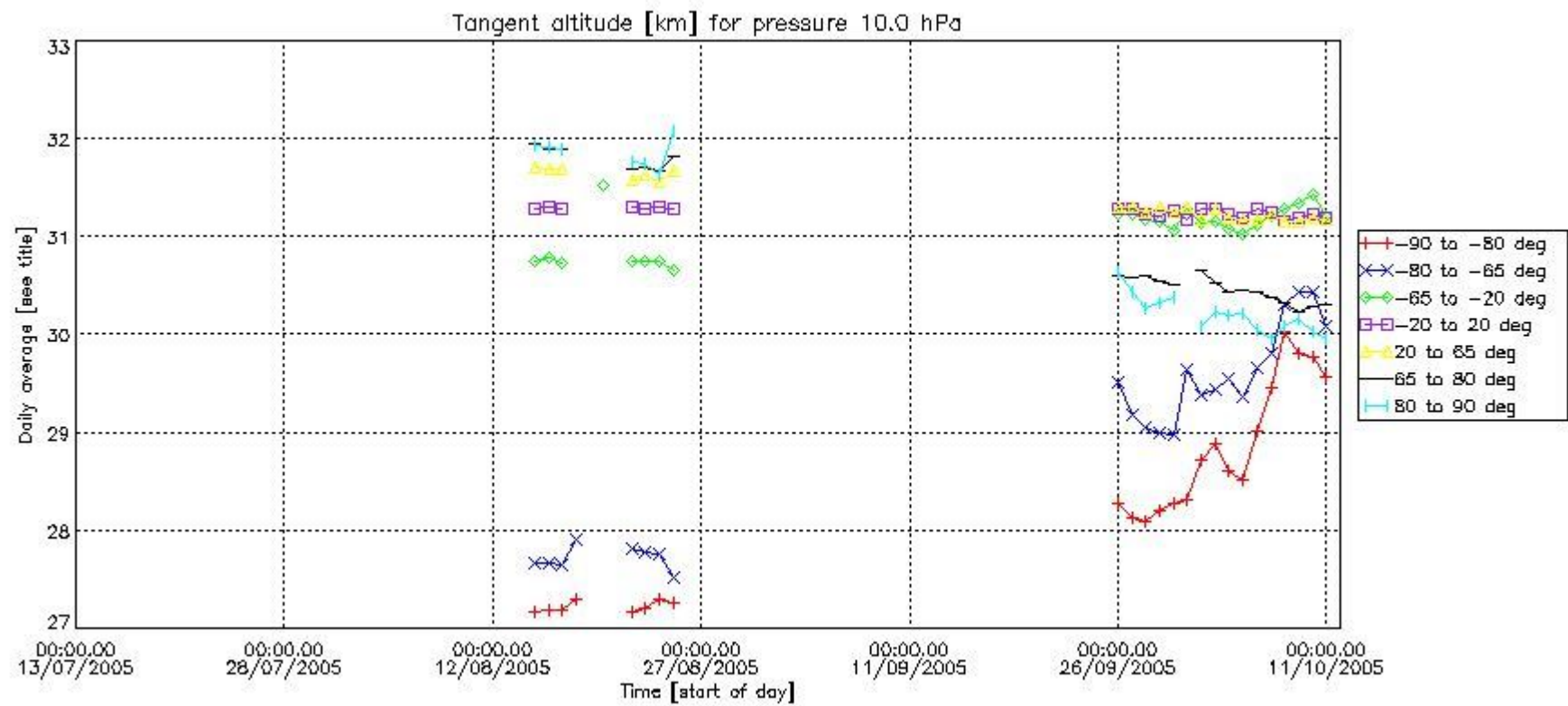


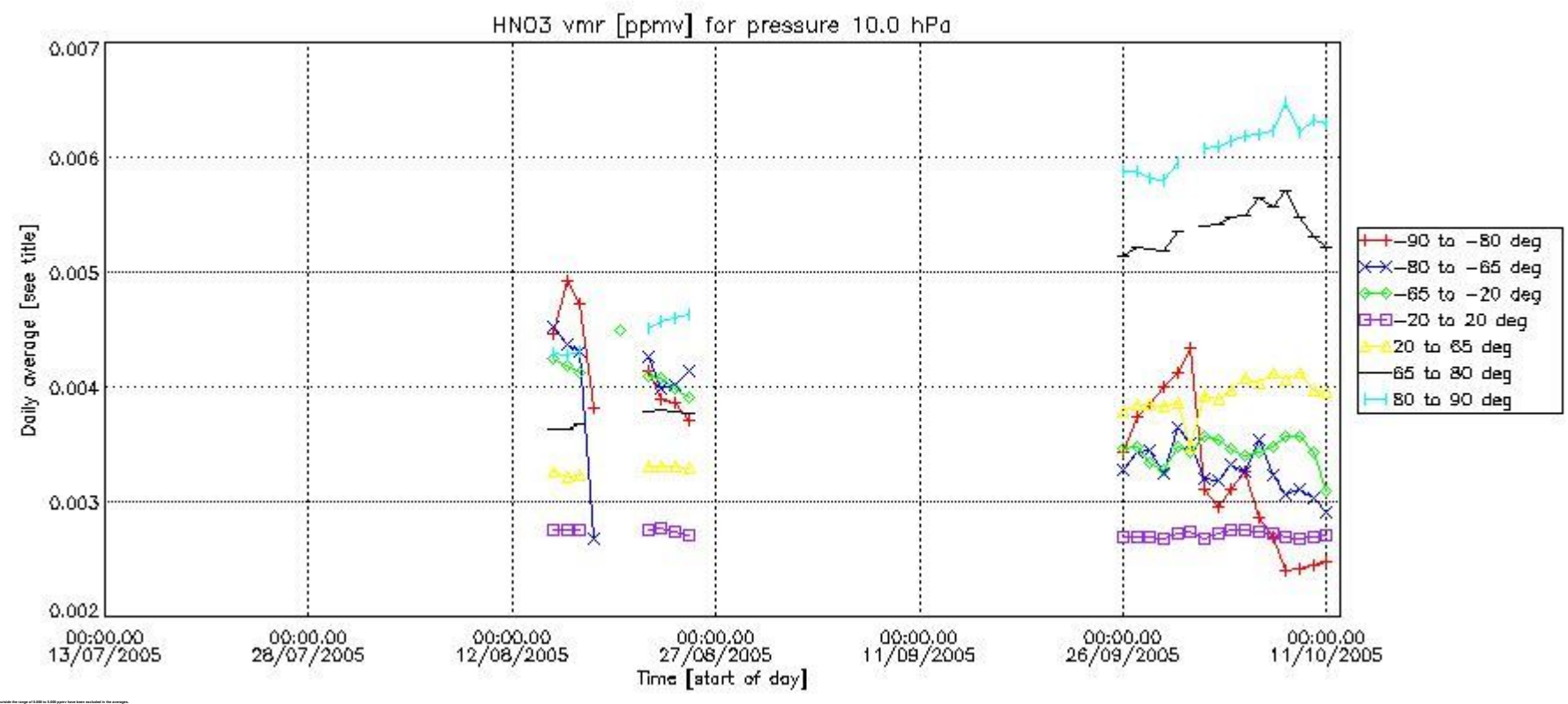
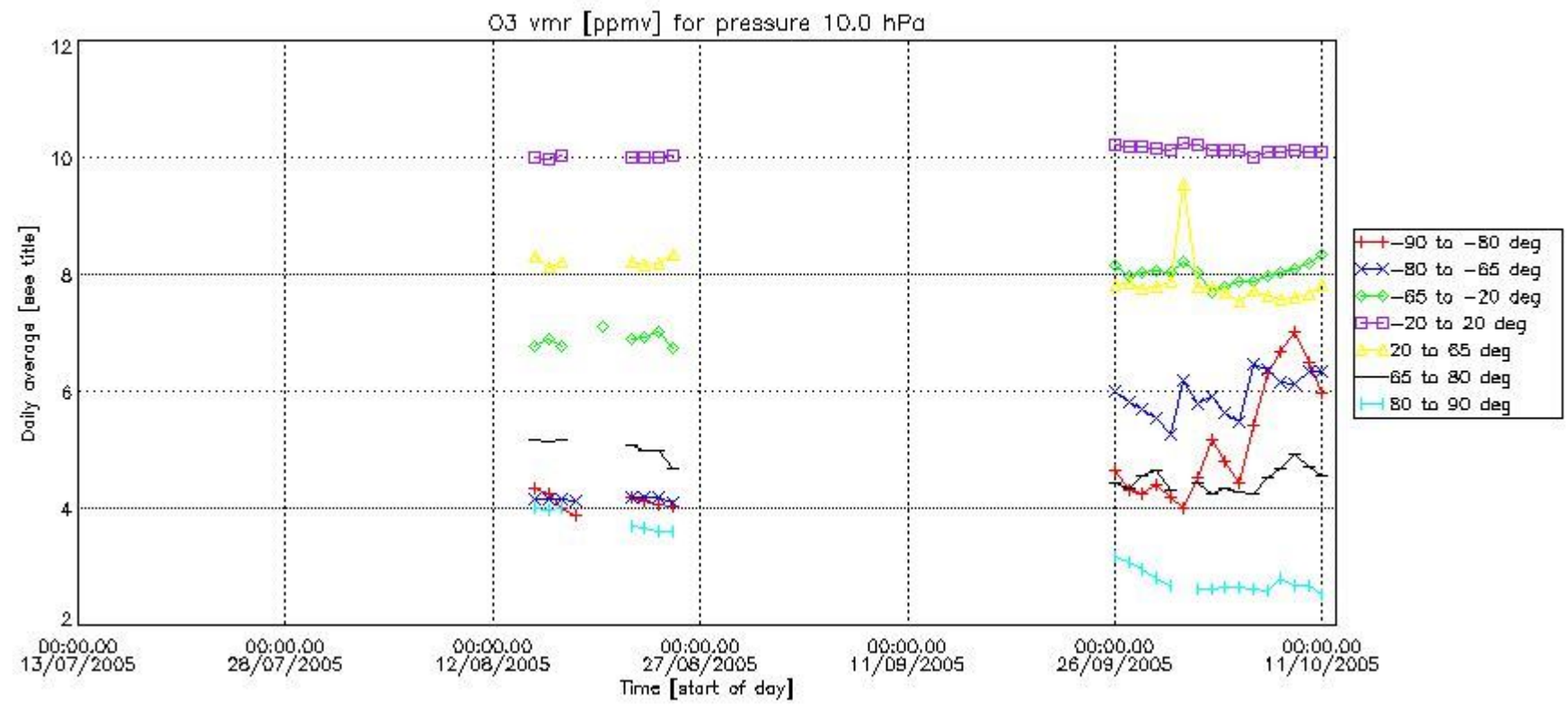


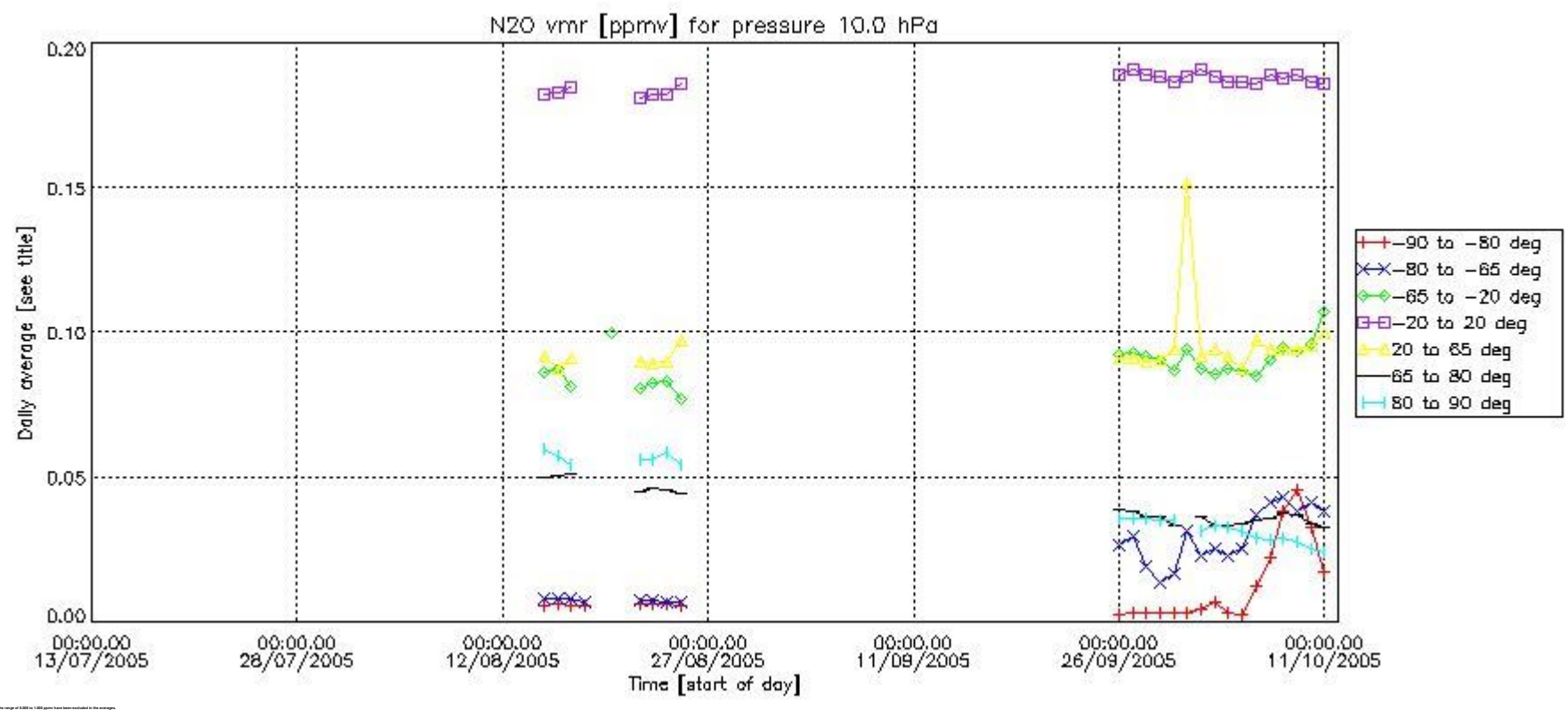
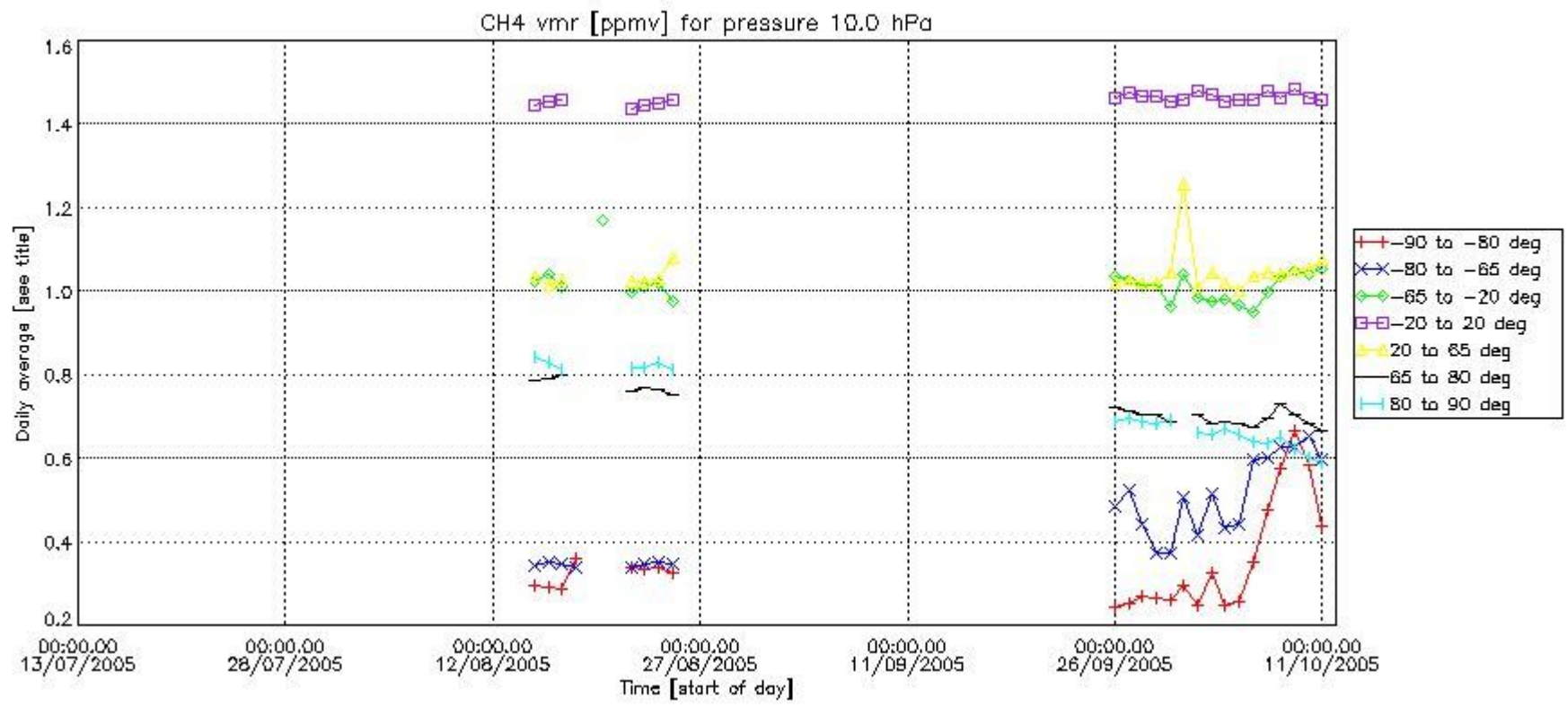


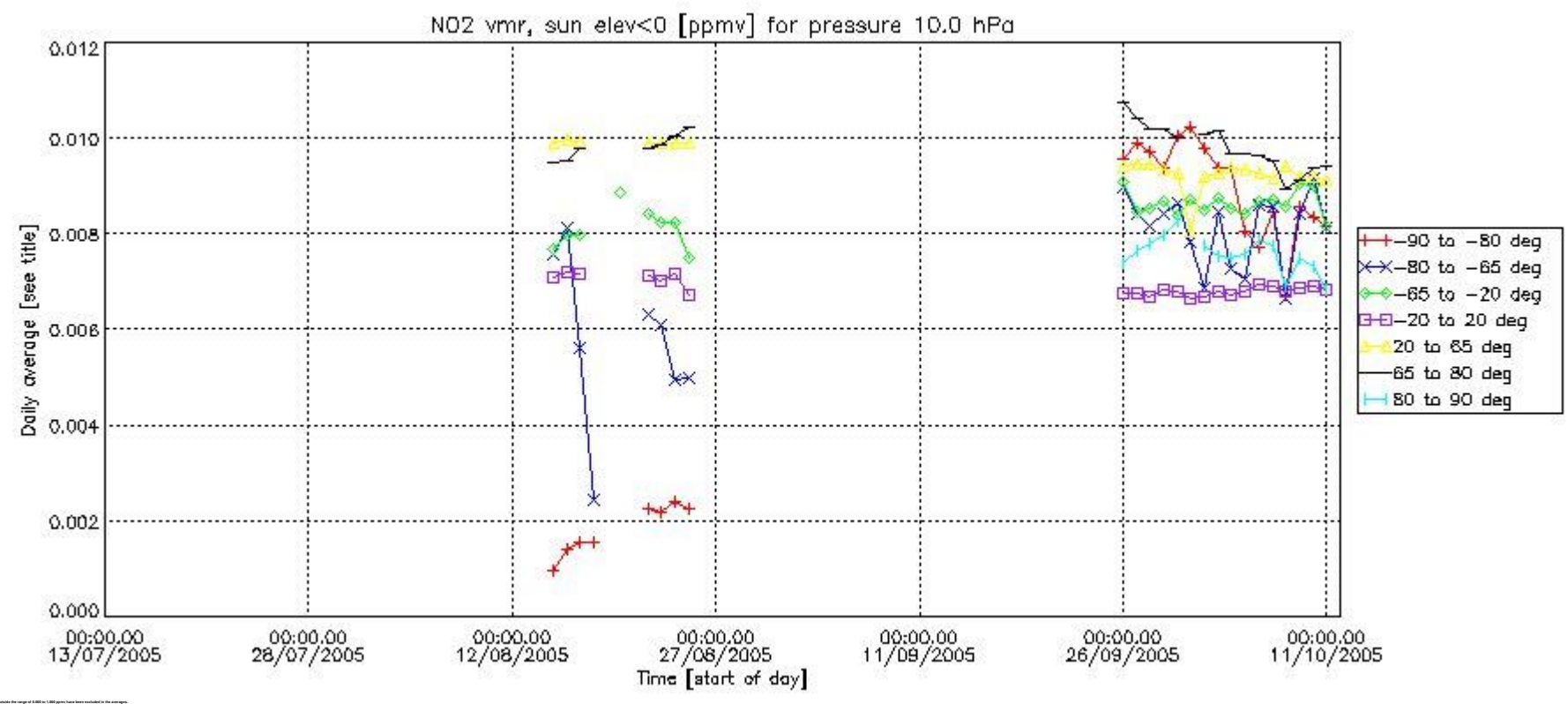
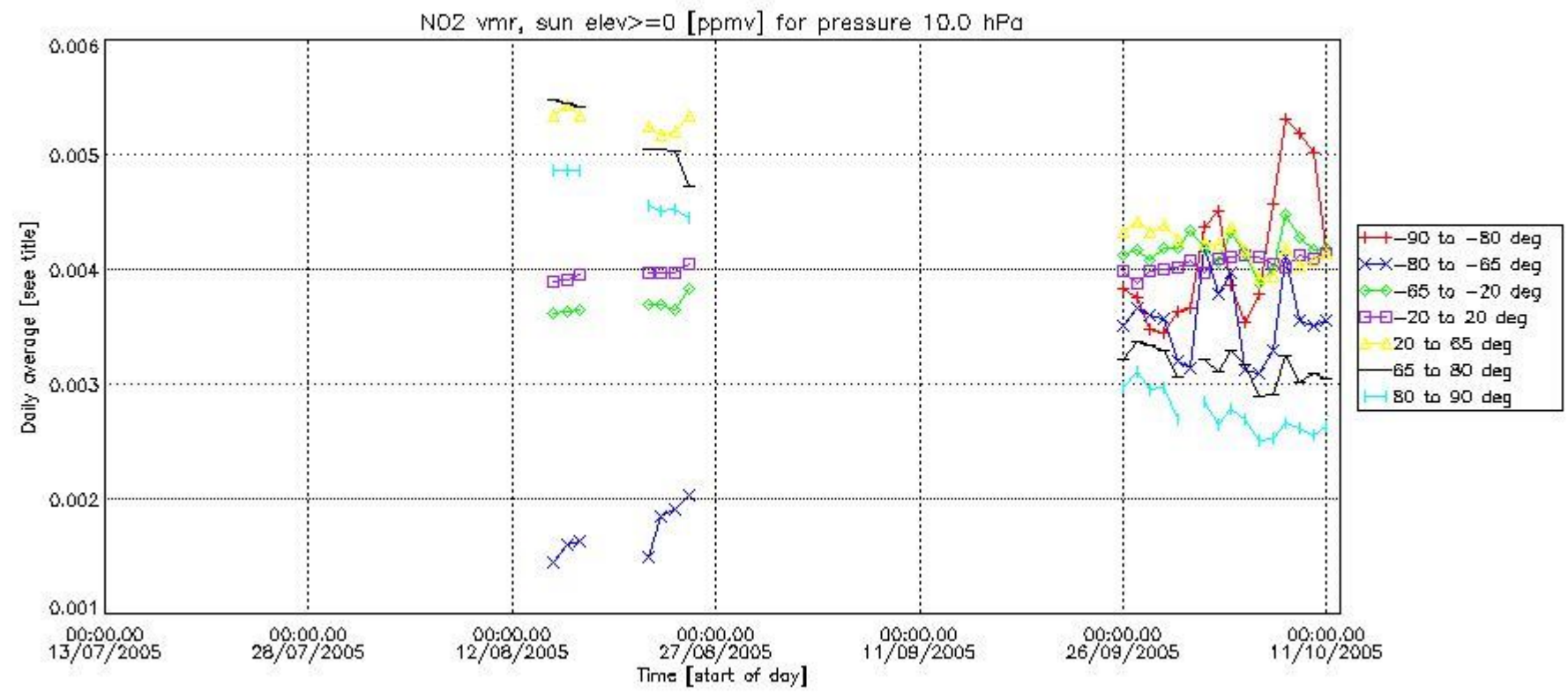


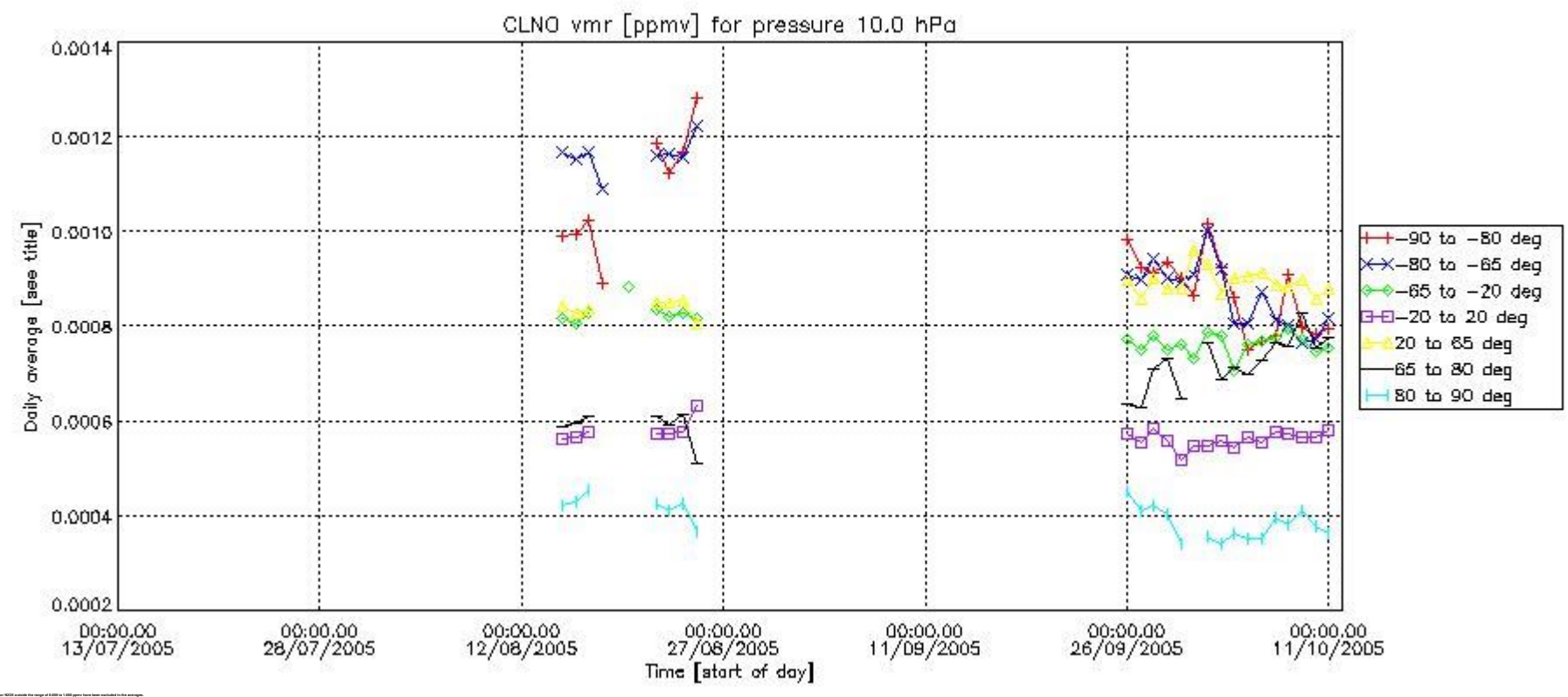
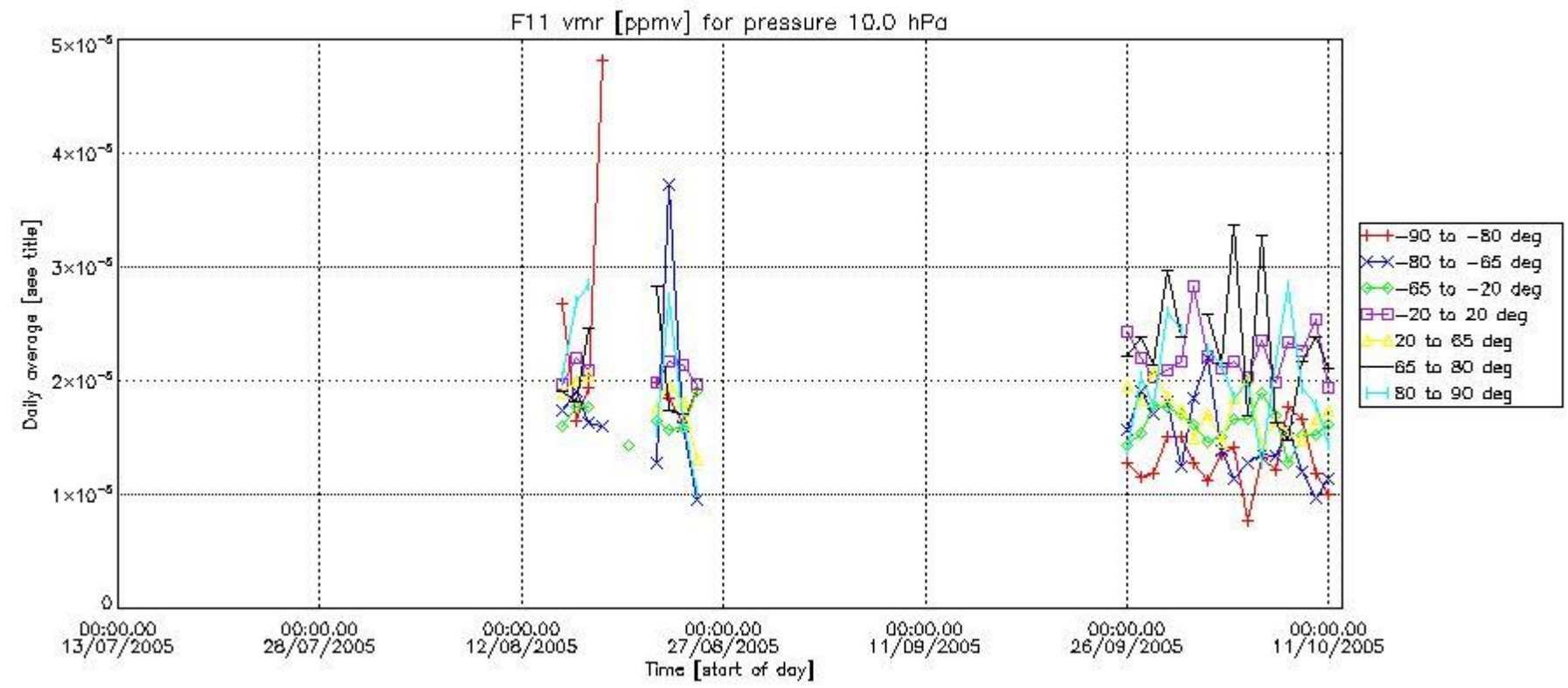


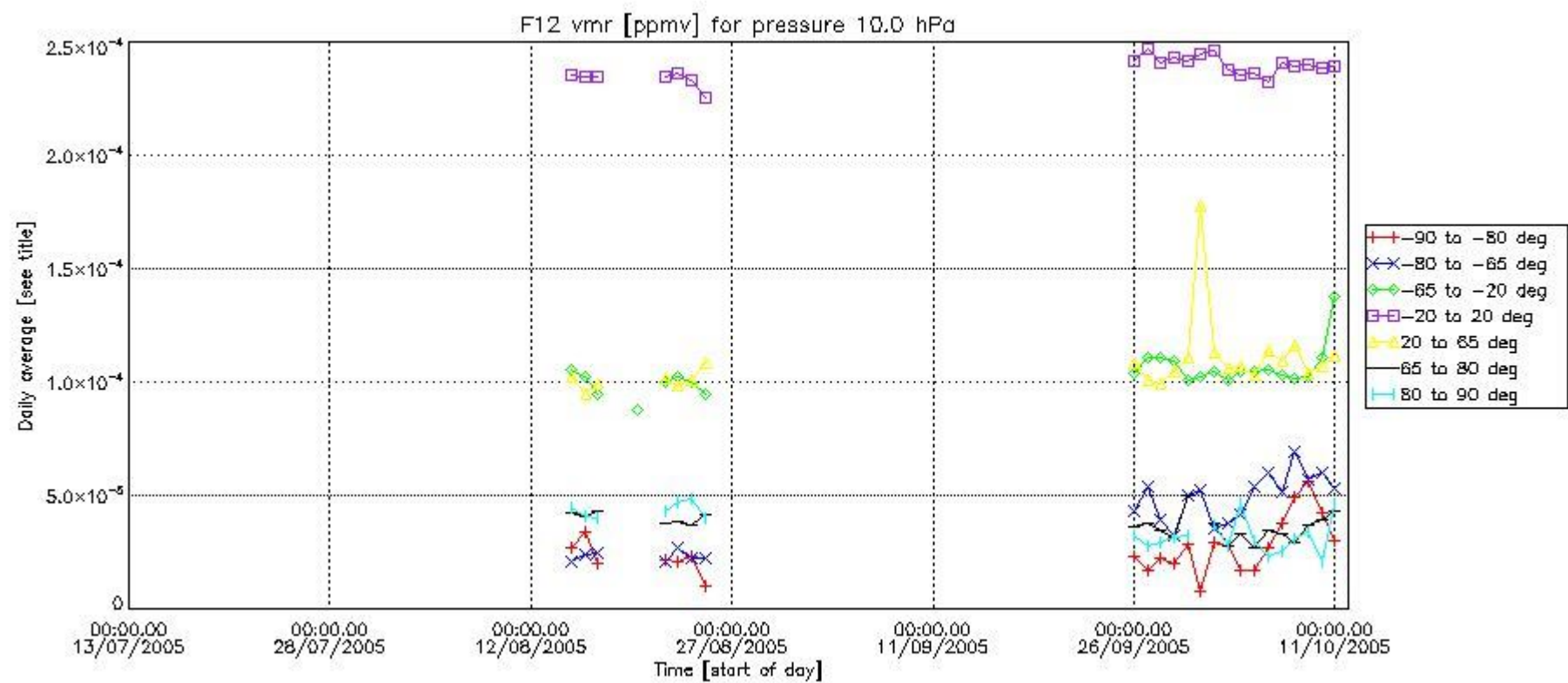
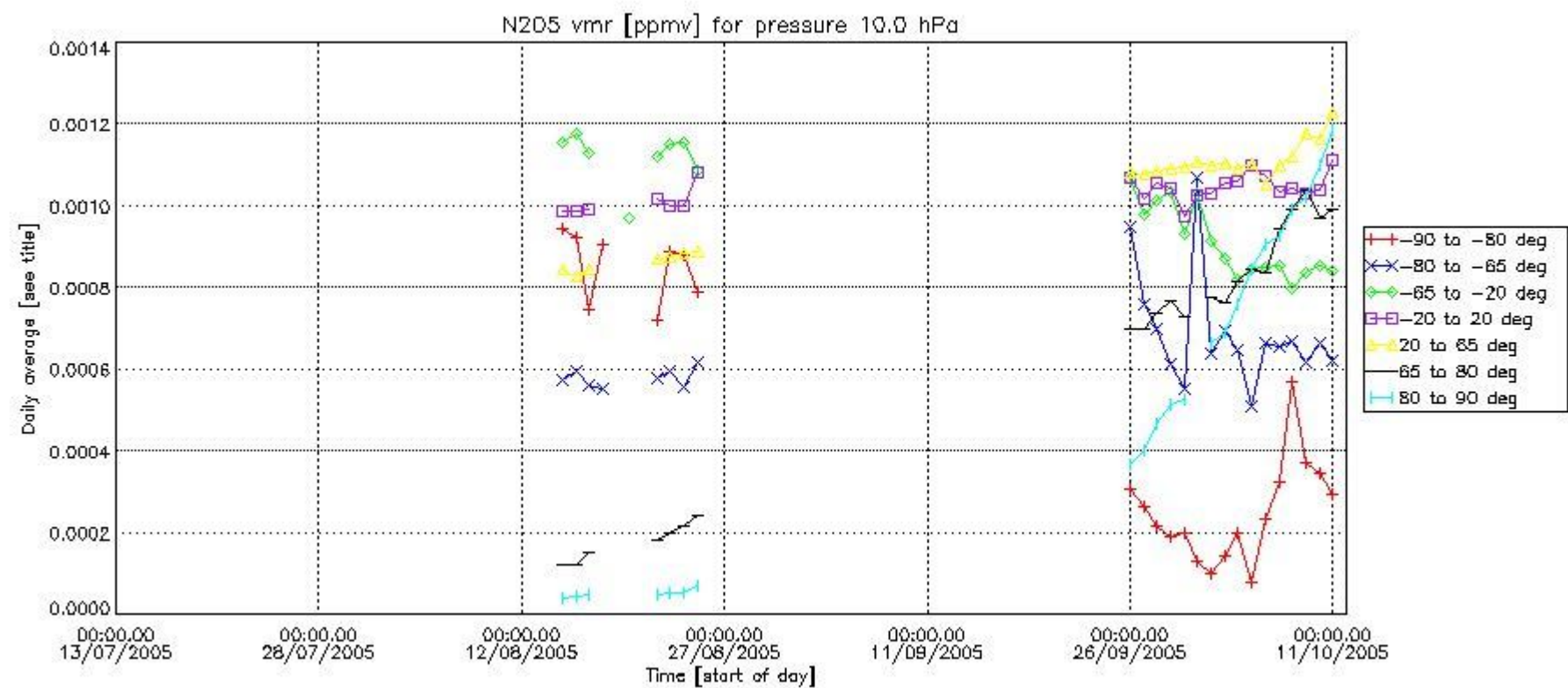


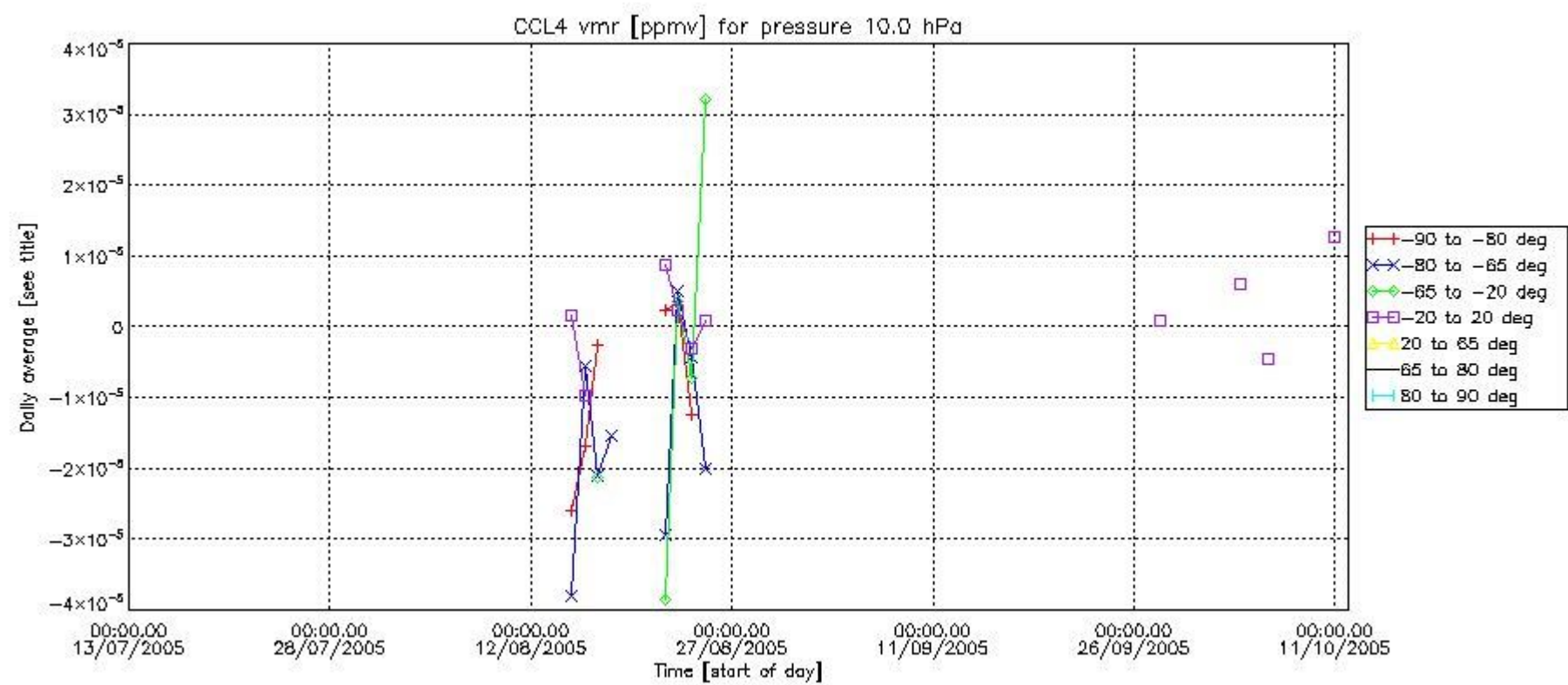
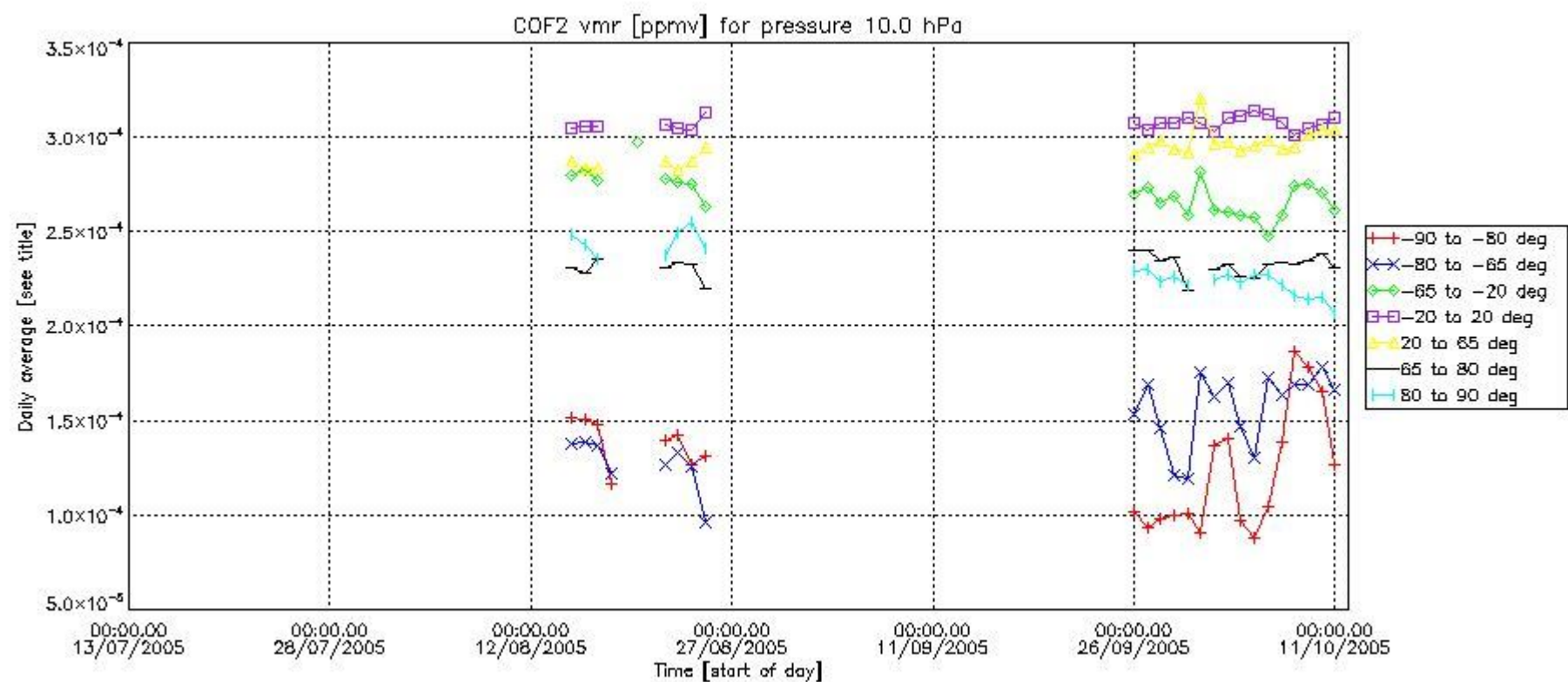


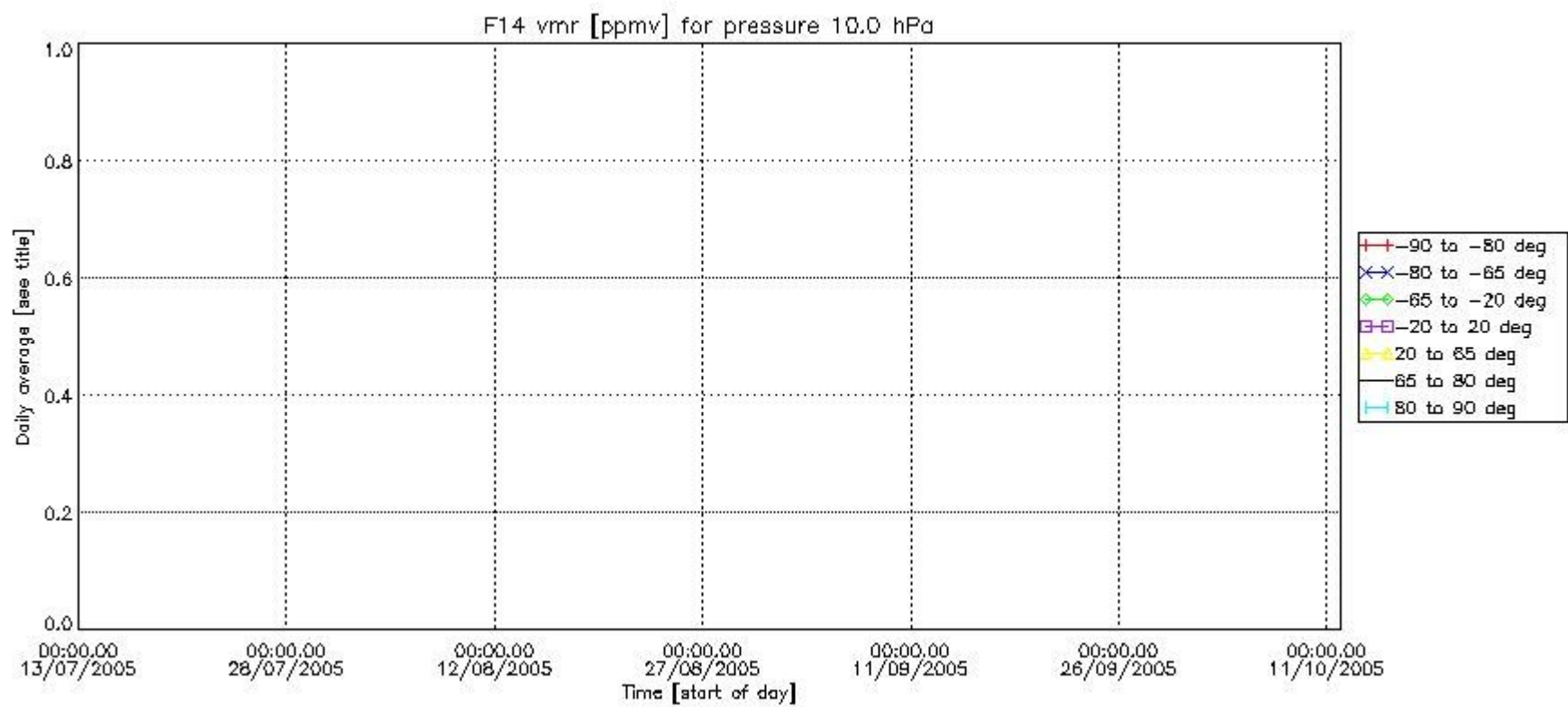
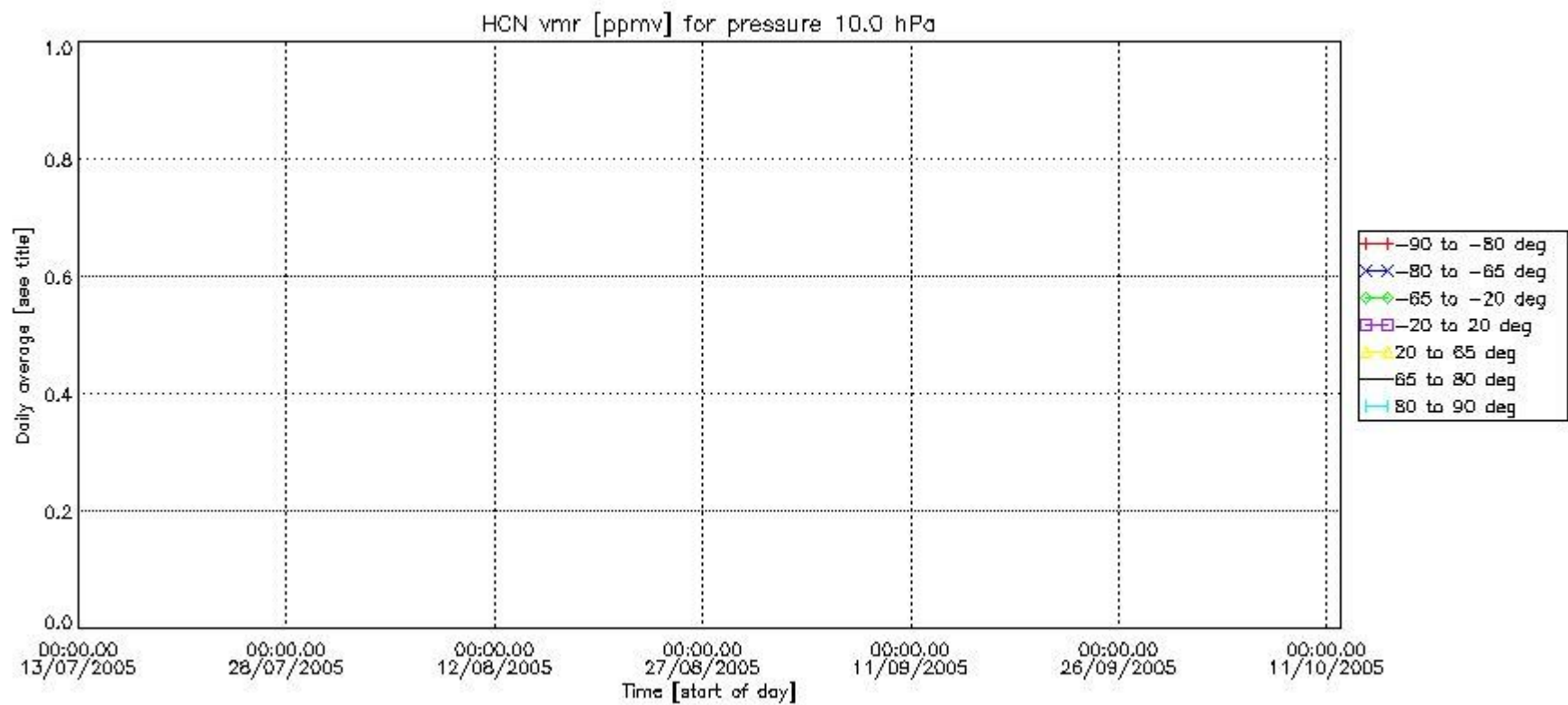


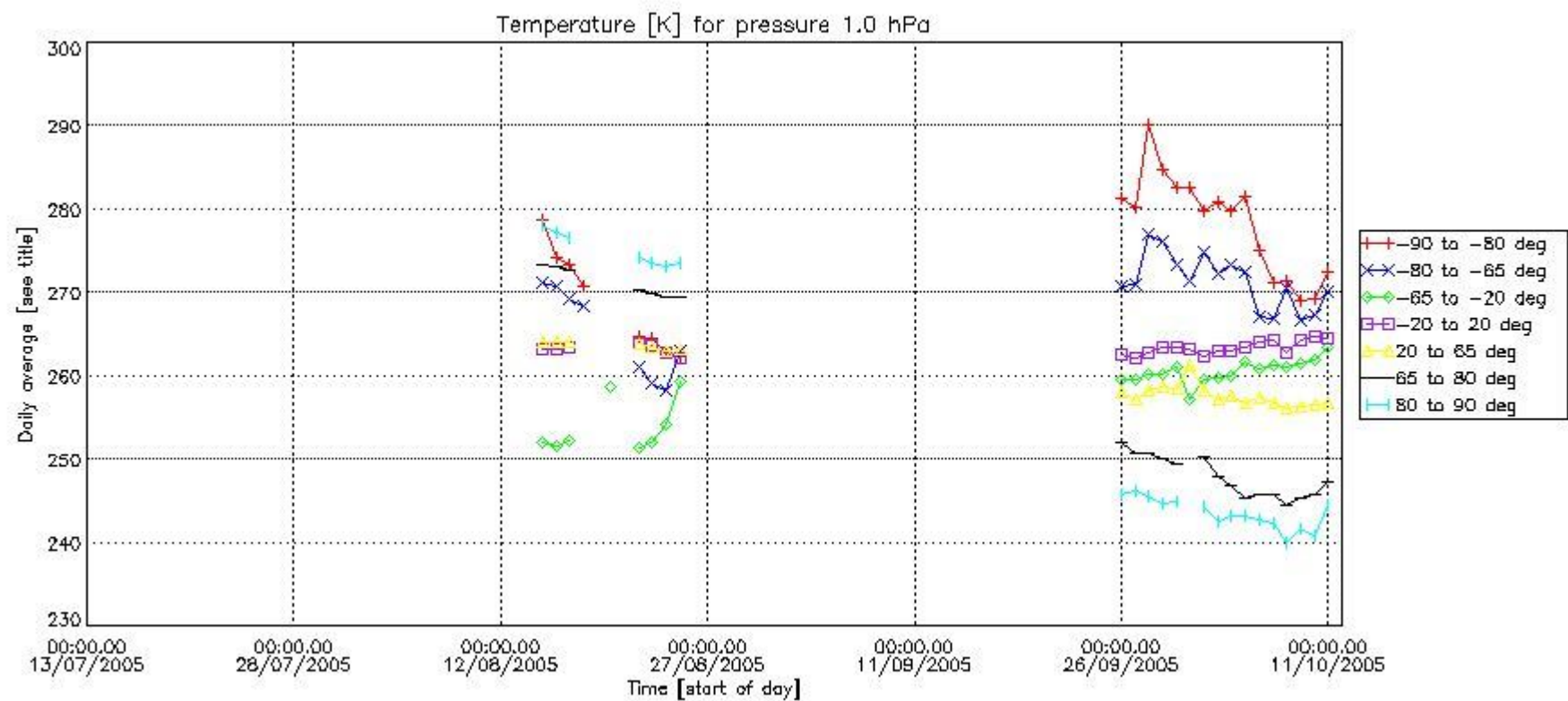
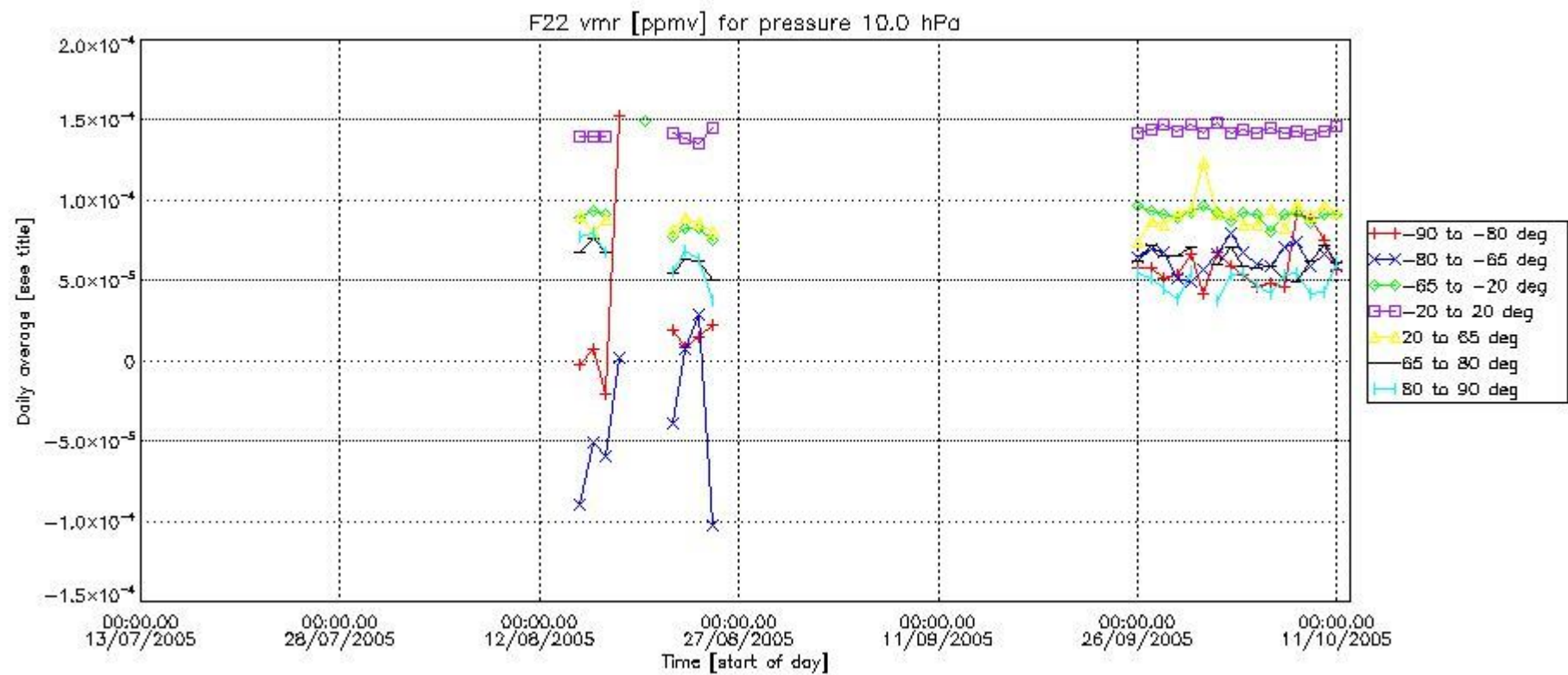


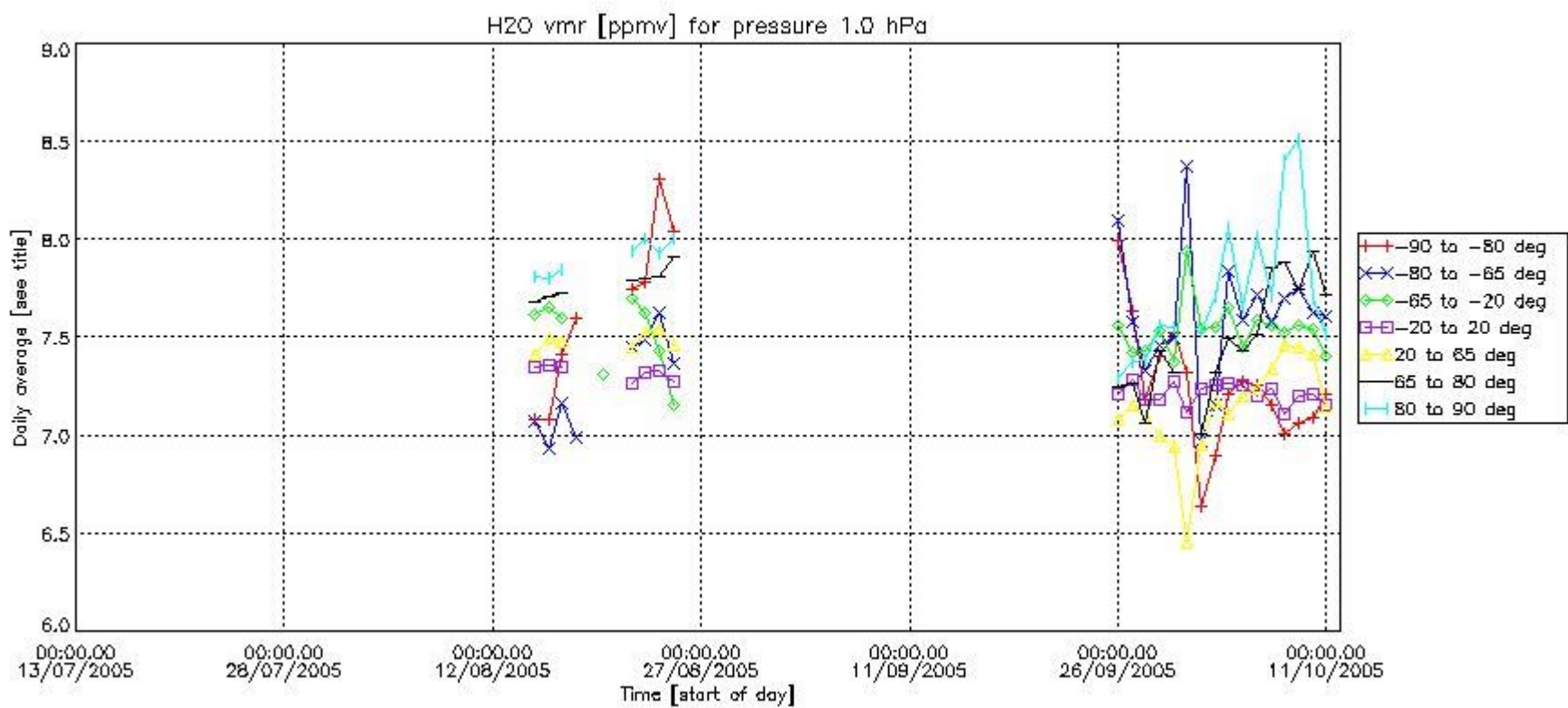
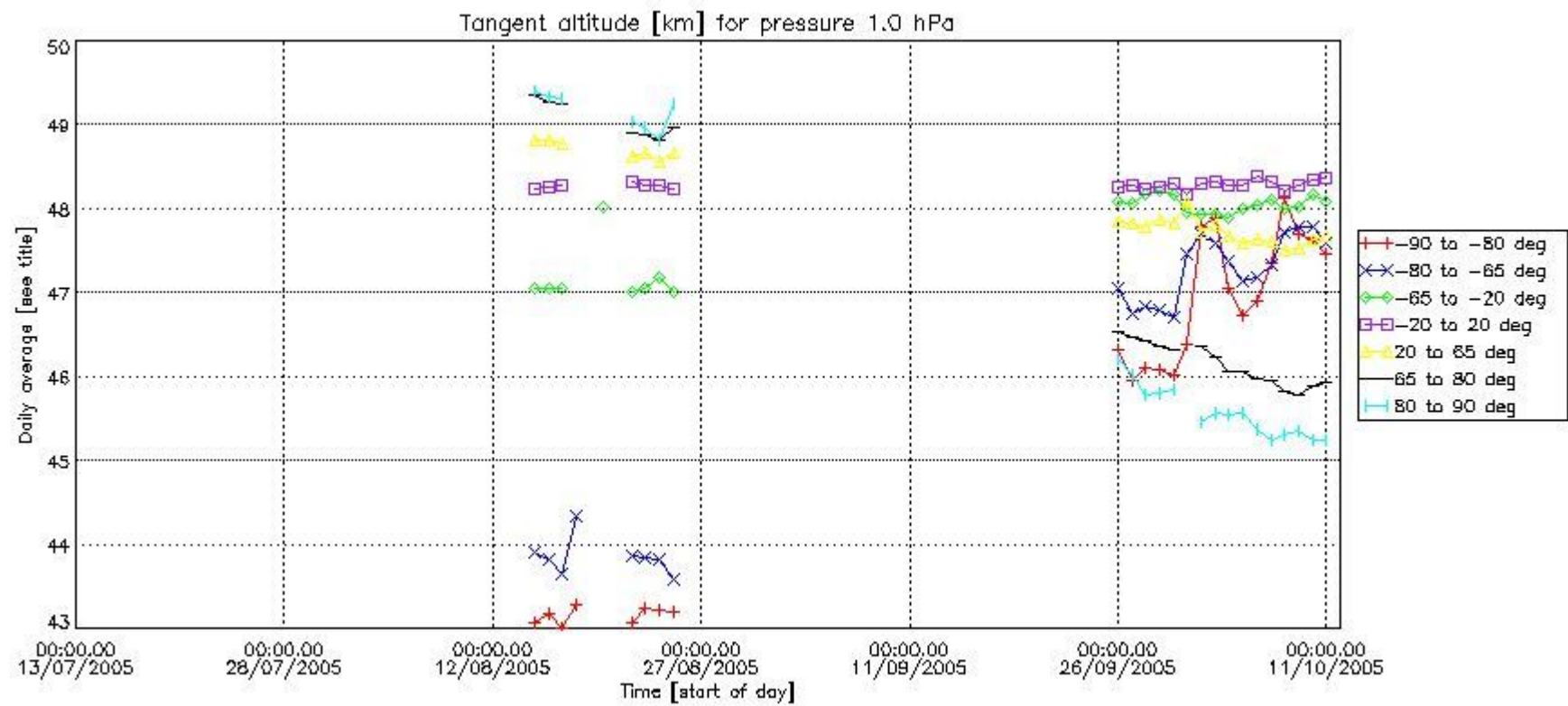


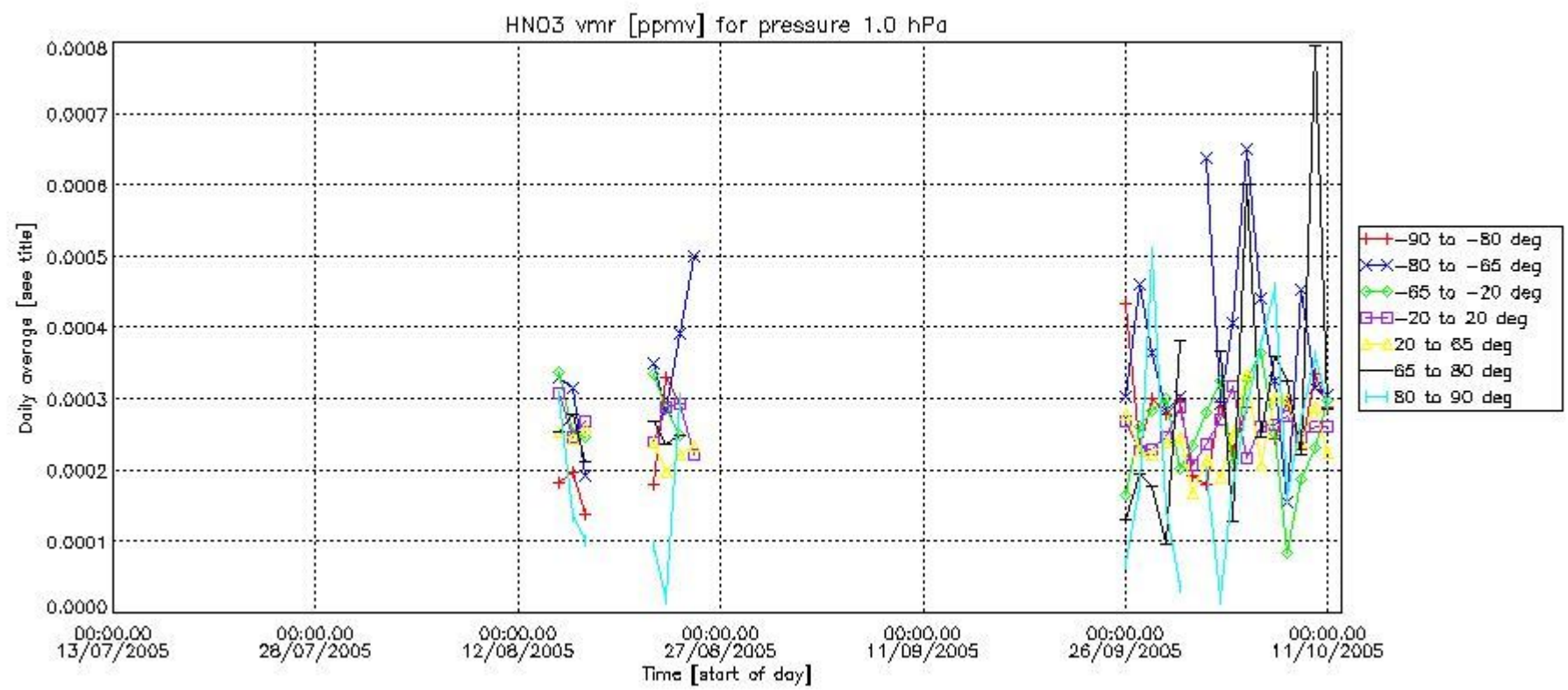
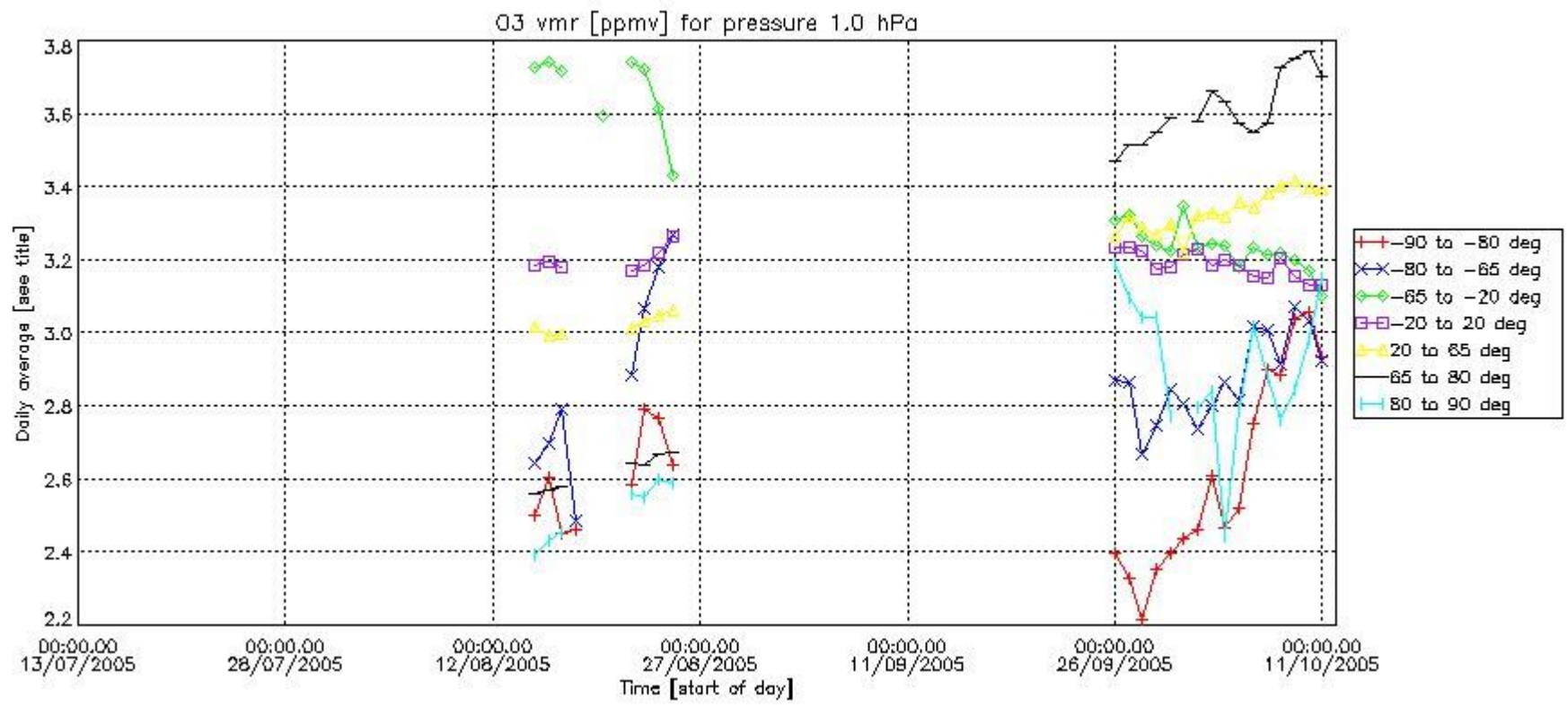


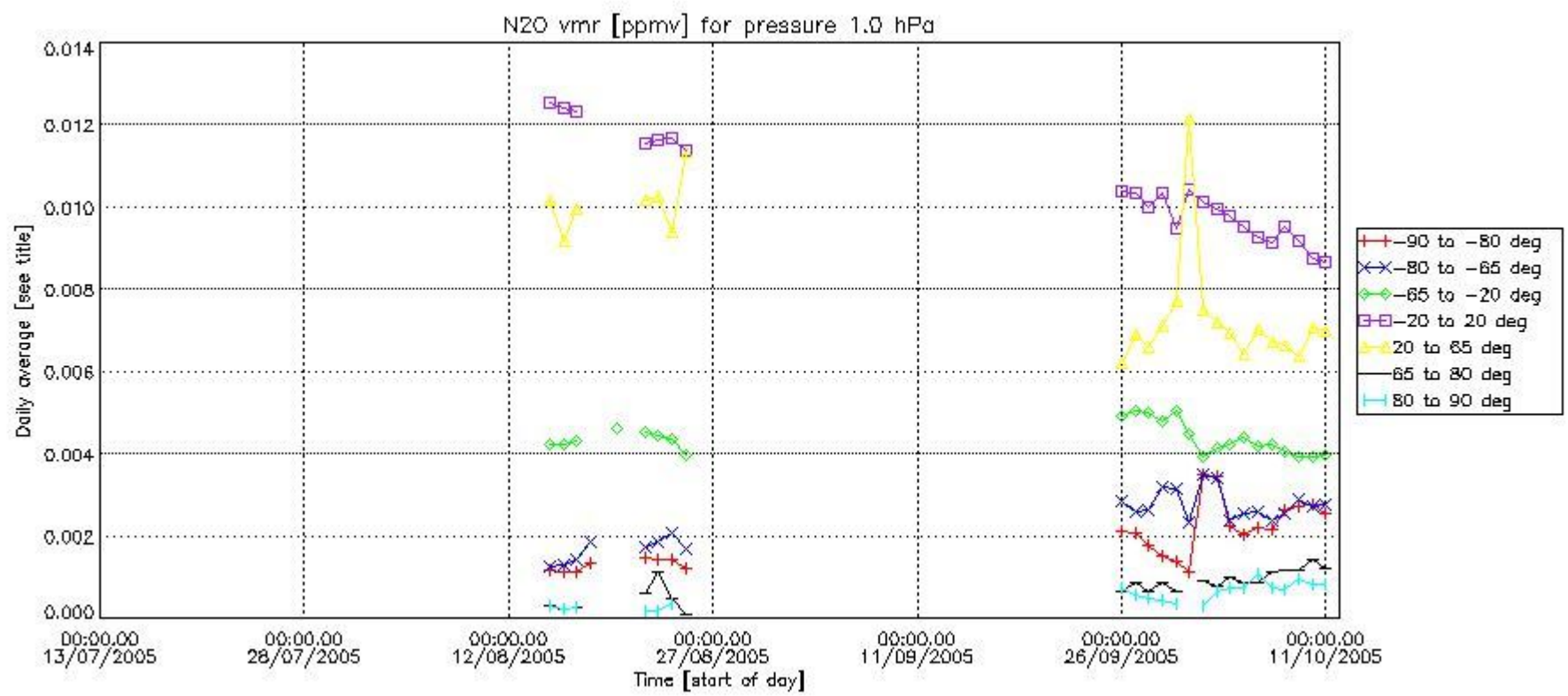
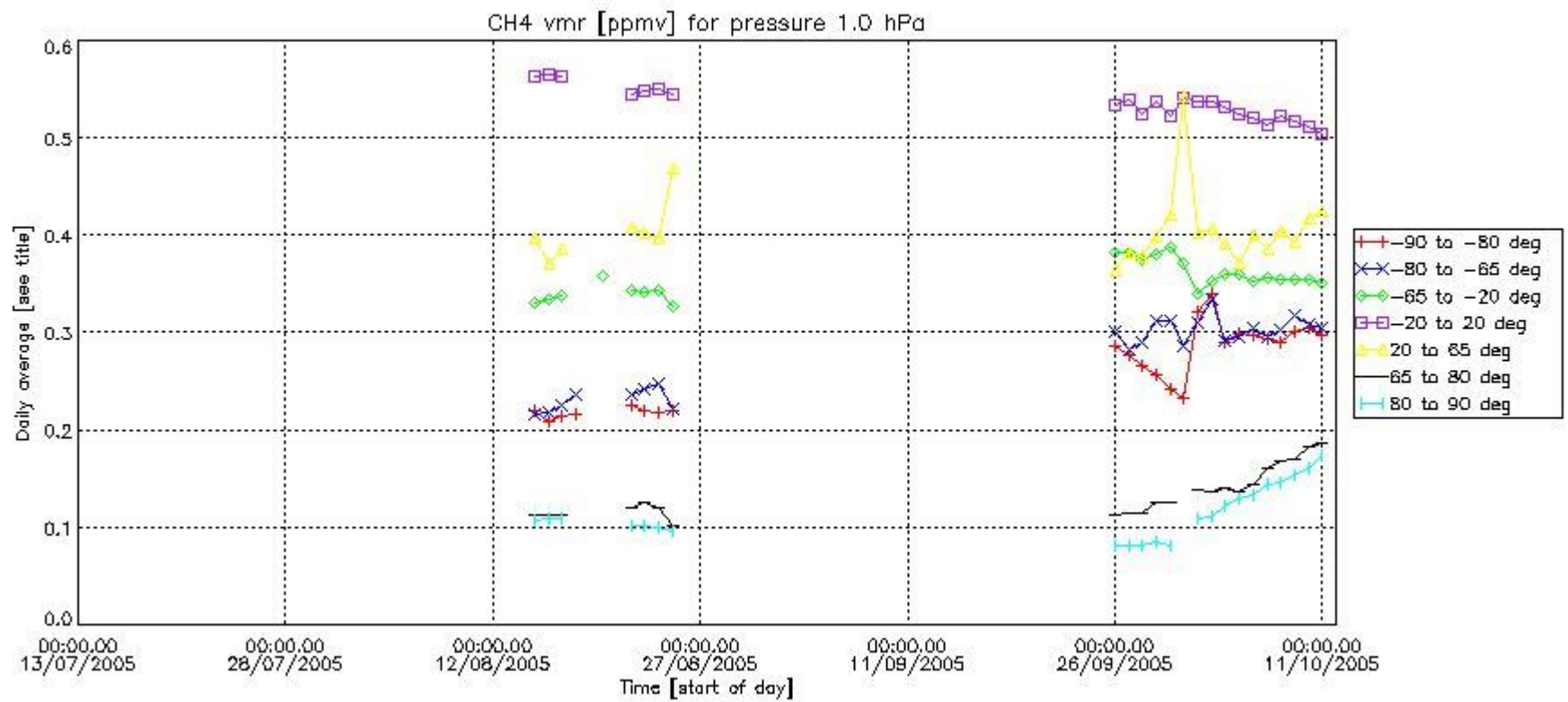


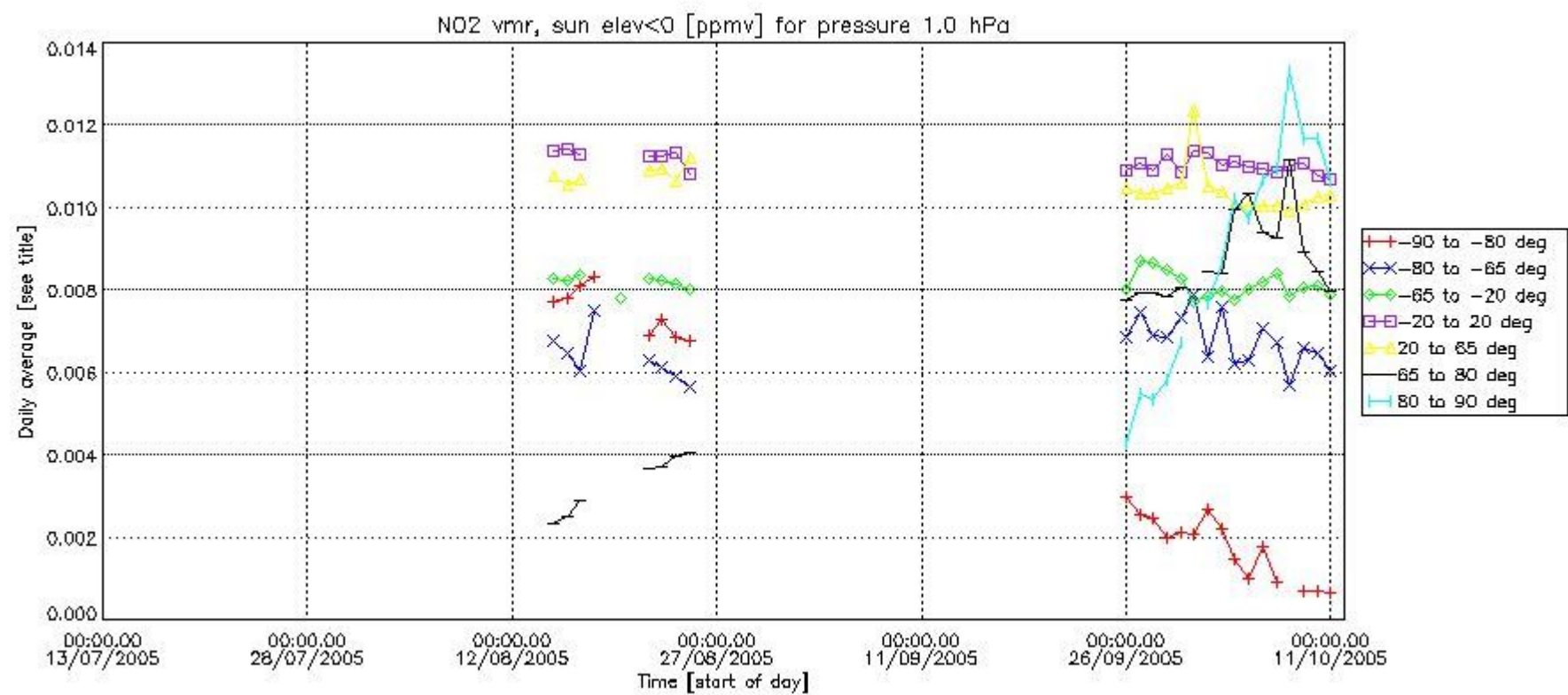
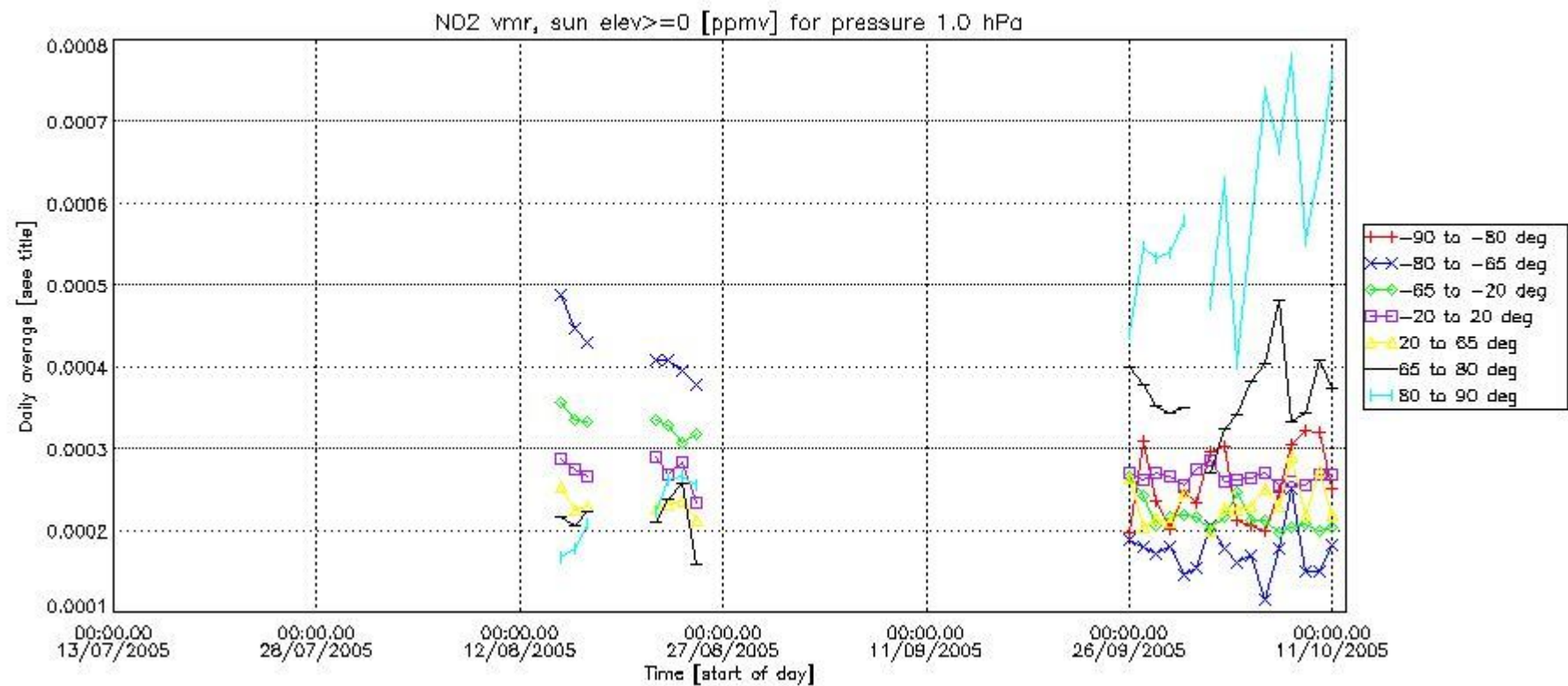


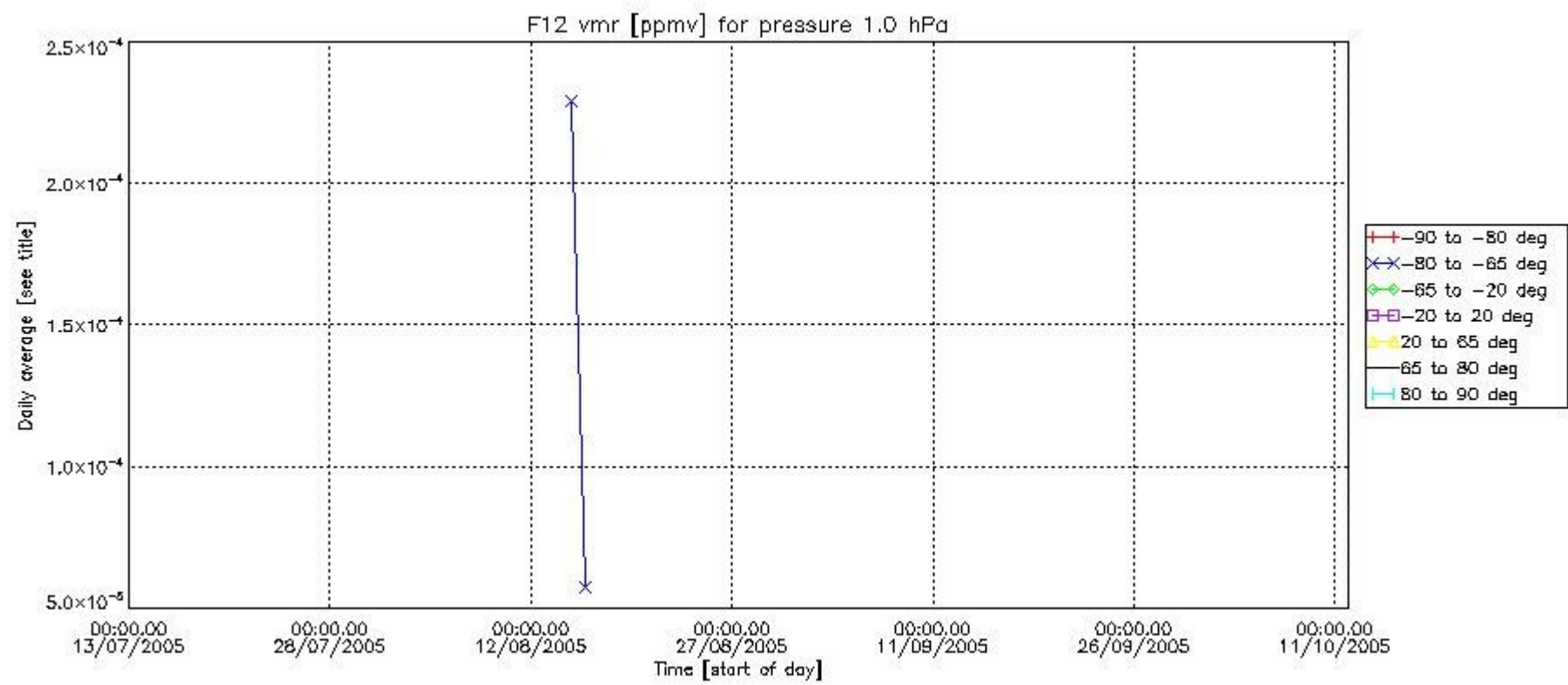
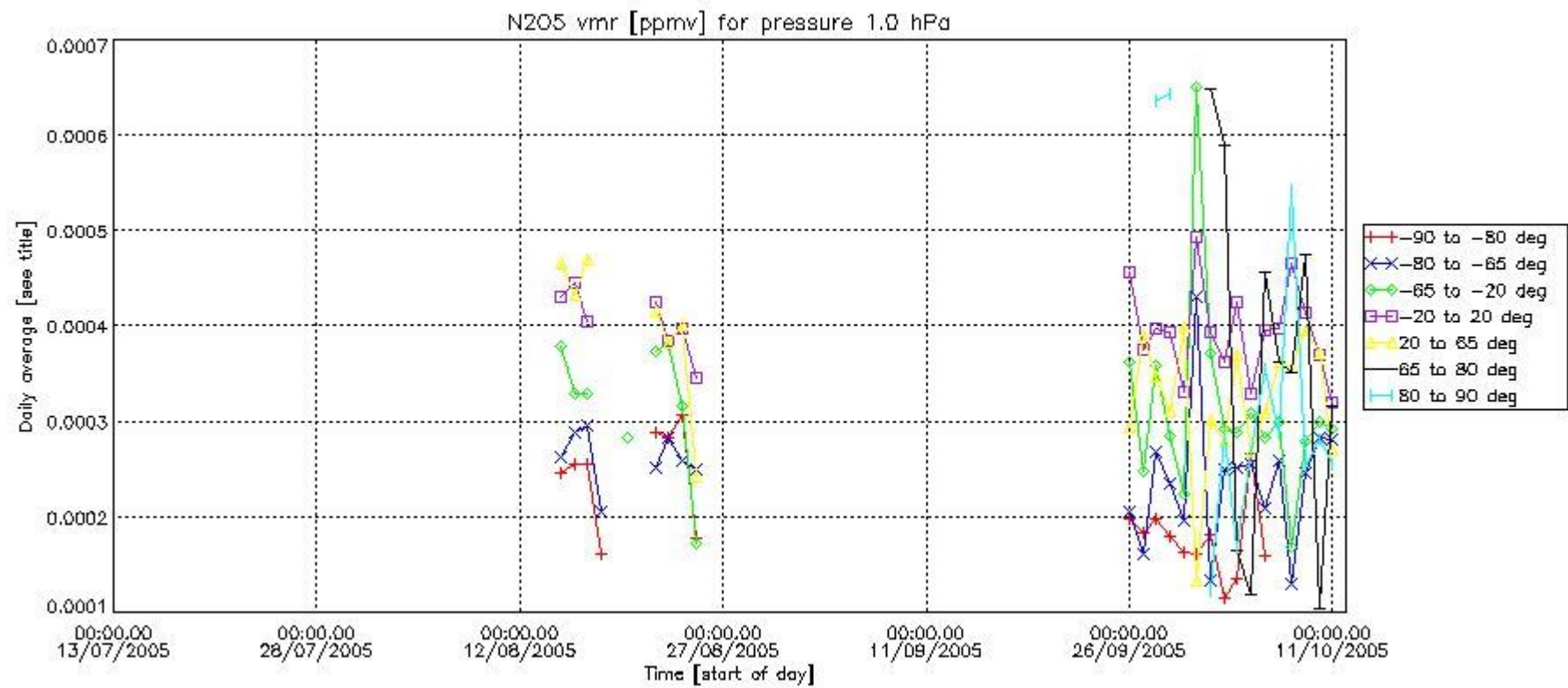


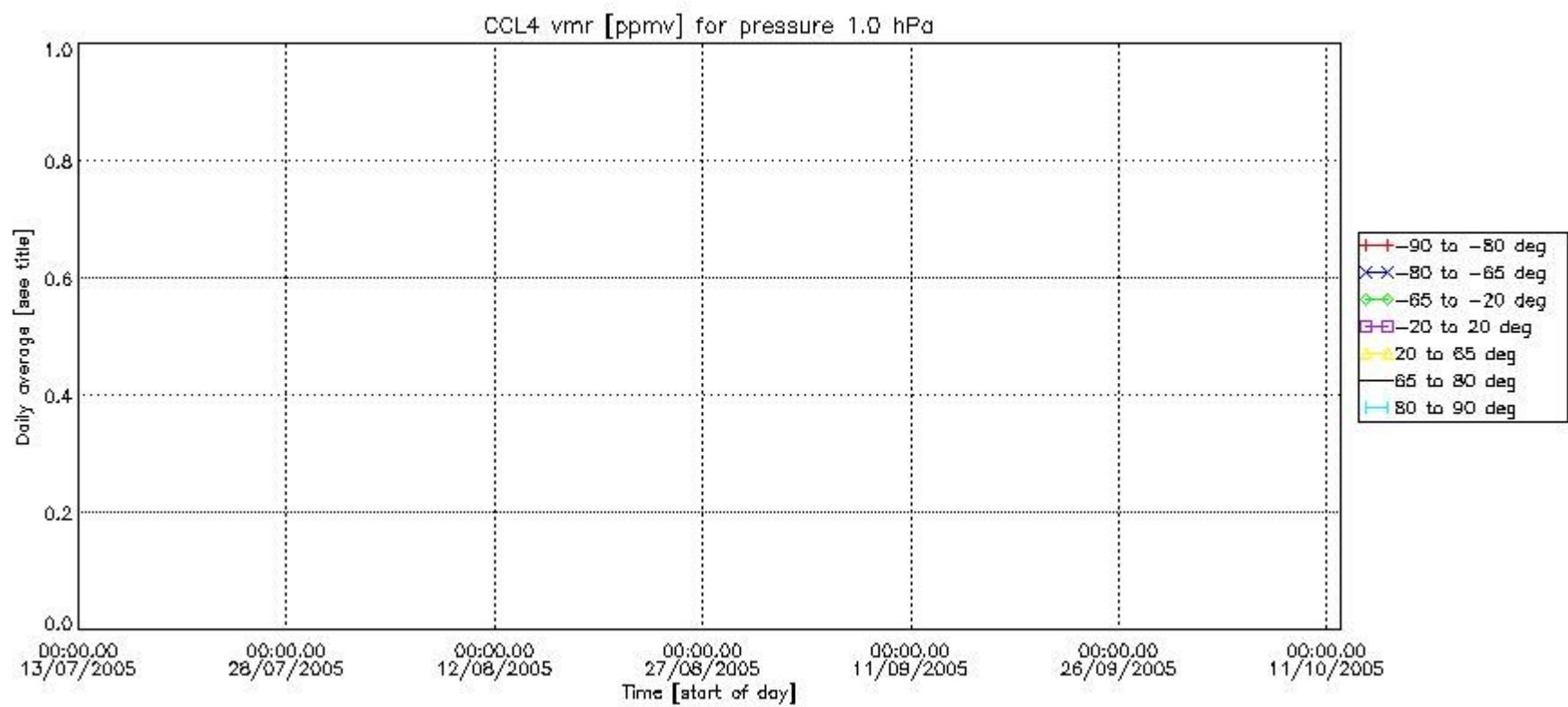
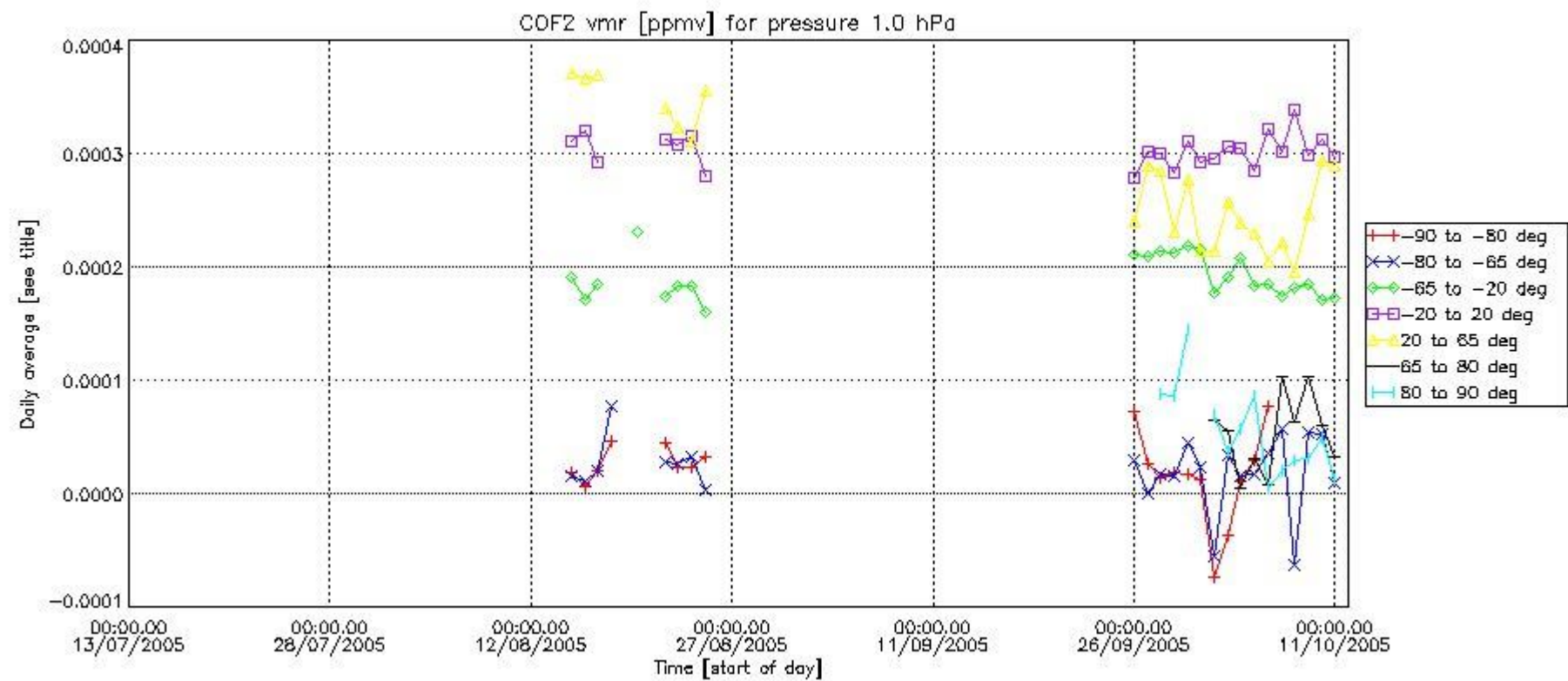


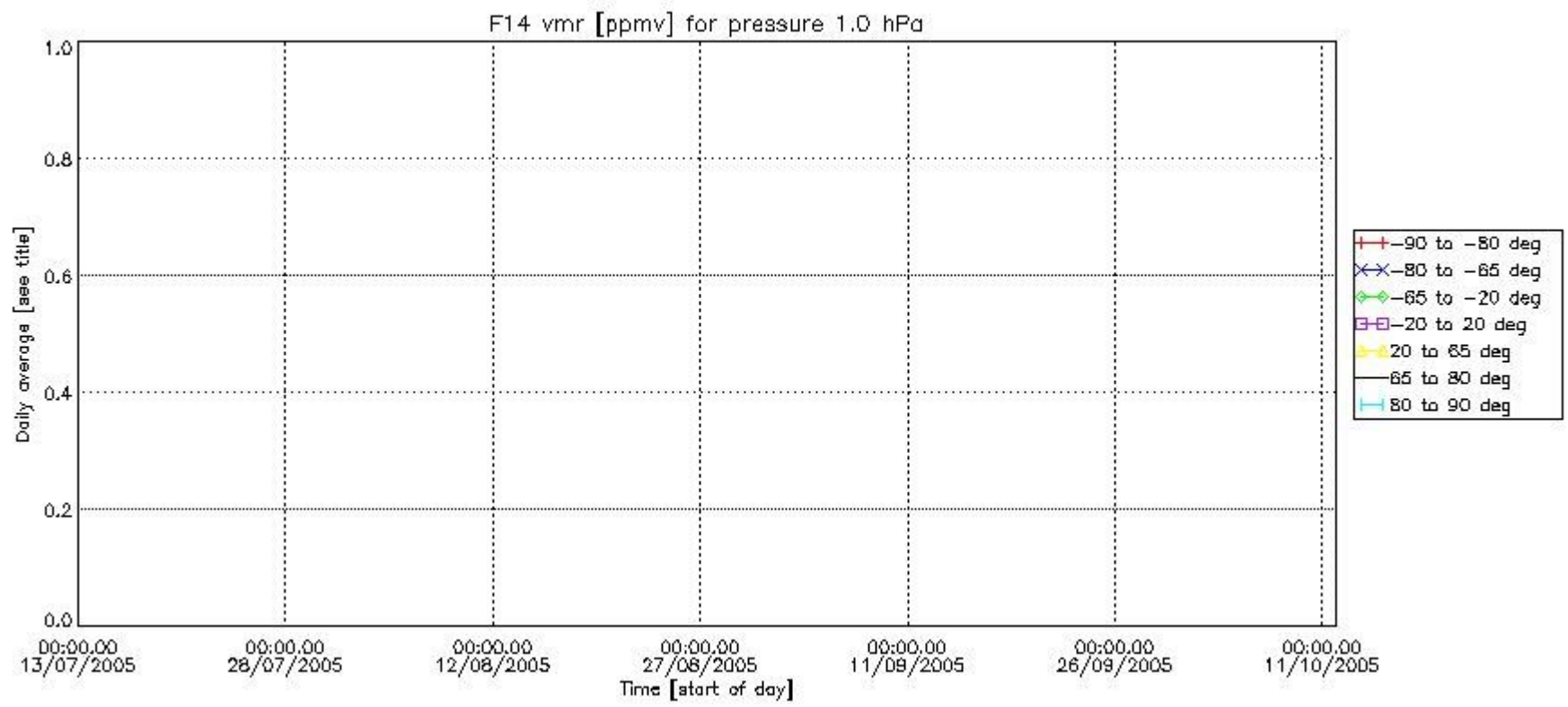
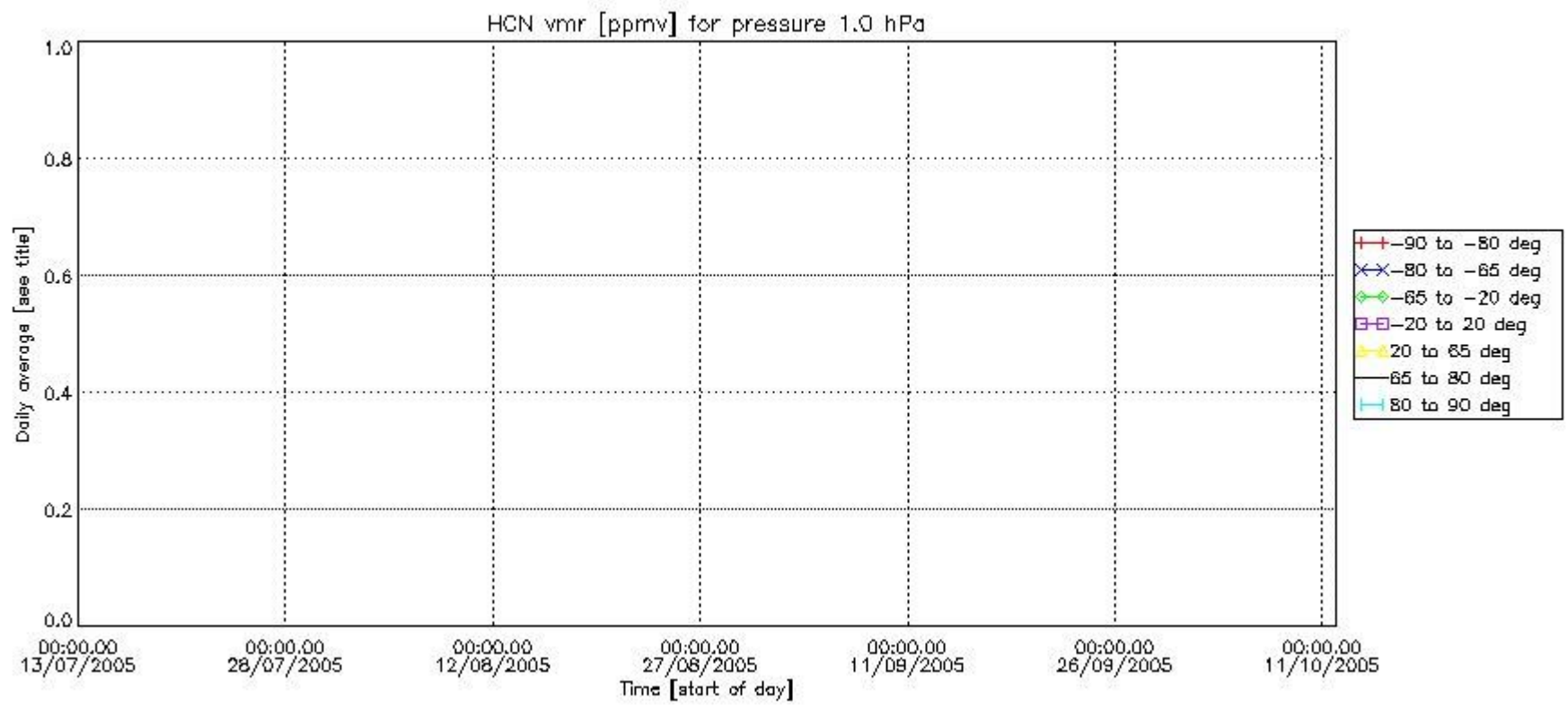


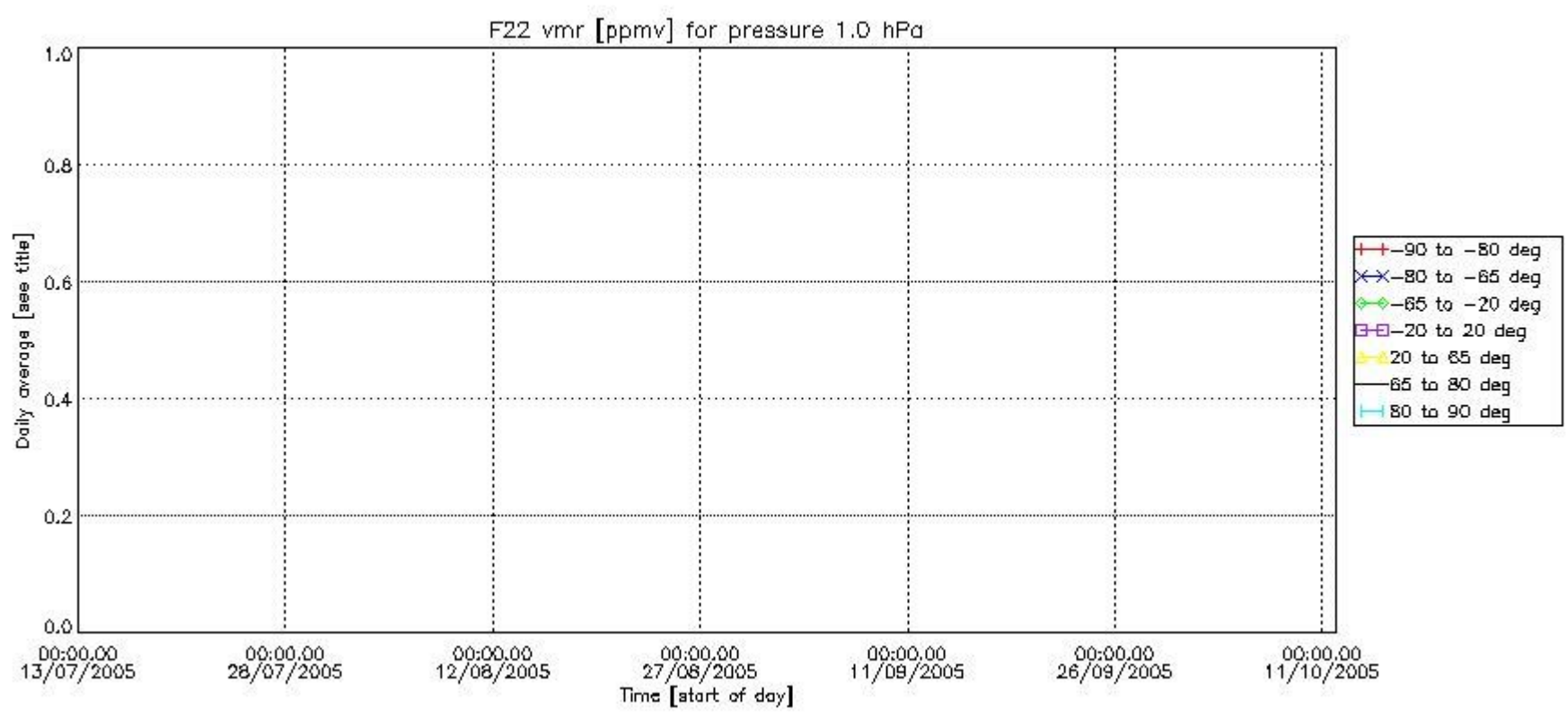












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

