

## 2. MIPAS Daily Report for level 2 products summary report

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20051015.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 15:44:15
Data source version	ML2PP/7.03-W
Processing scope for products	15OCT2005 00:00:00 to 16OCT2005 00:00:00
Start time of first product within scope	14OCT2005 23:55:12
Stop time of last product within scope	15OCT2005 22:29:41
Total number of level 2 products	8
Number of level 2 products with errors	1

### 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_2PWDSI20051014_235512_000060352041_00360_18951_1000.N1	14OCT2005 23:55:12	15OCT2005 01:35:47	0	133/133	VMR_TERM_MACRO_MICRO[F14/macro:1]
1	MIP_NL_2PWDSI20051015_013553_000005062041_00361_18952_1000.N1	15OCT2005 01:35:53	15OCT2005 01:44:19	0	11/11	
2	MIP_NL_2PWDSI20051015_063516_000000822041_00363_18954_1000.N1	15OCT2005 06:35:16	15OCT2005 06:36:37	0	2/2	
3	MIP_NL_2PWDSI20051015_063727_000000822041_00364_18955_1000.N1	15OCT2005 06:37:27	15OCT2005 06:38:49	0	2/2	
4	MIP_NL_2PWDSI20051015_095822_000000822041_00366_18957_1000.N1	15OCT2005 09:58:22	15OCT2005 09:58:31	1	1/1	
5	MIP_NL_2PWDSI20051015_182526_000057672041_00371_18962_1000.N1	15OCT2005 18:25:26	15OCT2005 20:01:33	0	103/103	VMR_TERM_MACRO_MICRO[HCN/micro:1]
6	MIP_NL_2PWDSI20051015_200223_000060302041_00372_18963_1000.N1	15OCT2005 20:02:23	15OCT2005 21:42:53	0	128/128	VMR_TERM_MACRO_MICRO[F14/macro:2]
7	MIP_NL_2PWDSI20051015_214259_000028022041_00373_18964_1000.N1	15OCT2005 21:42:59	15OCT2005 22:29:41	0	62/62	VMR_TERM_MACRO_MICRO[HCN/micro:1]

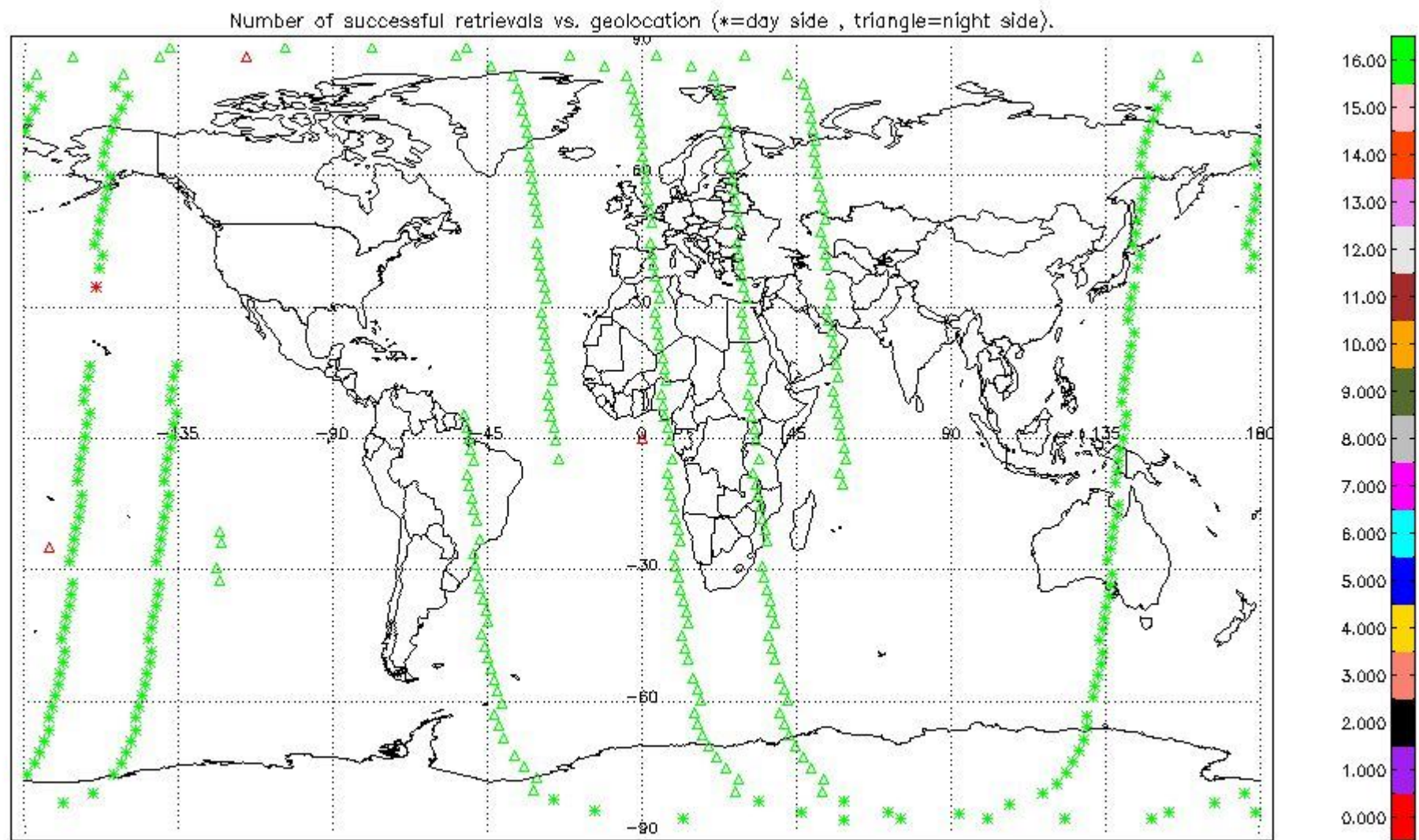
## 2.2 Processing performance indicators

### 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.

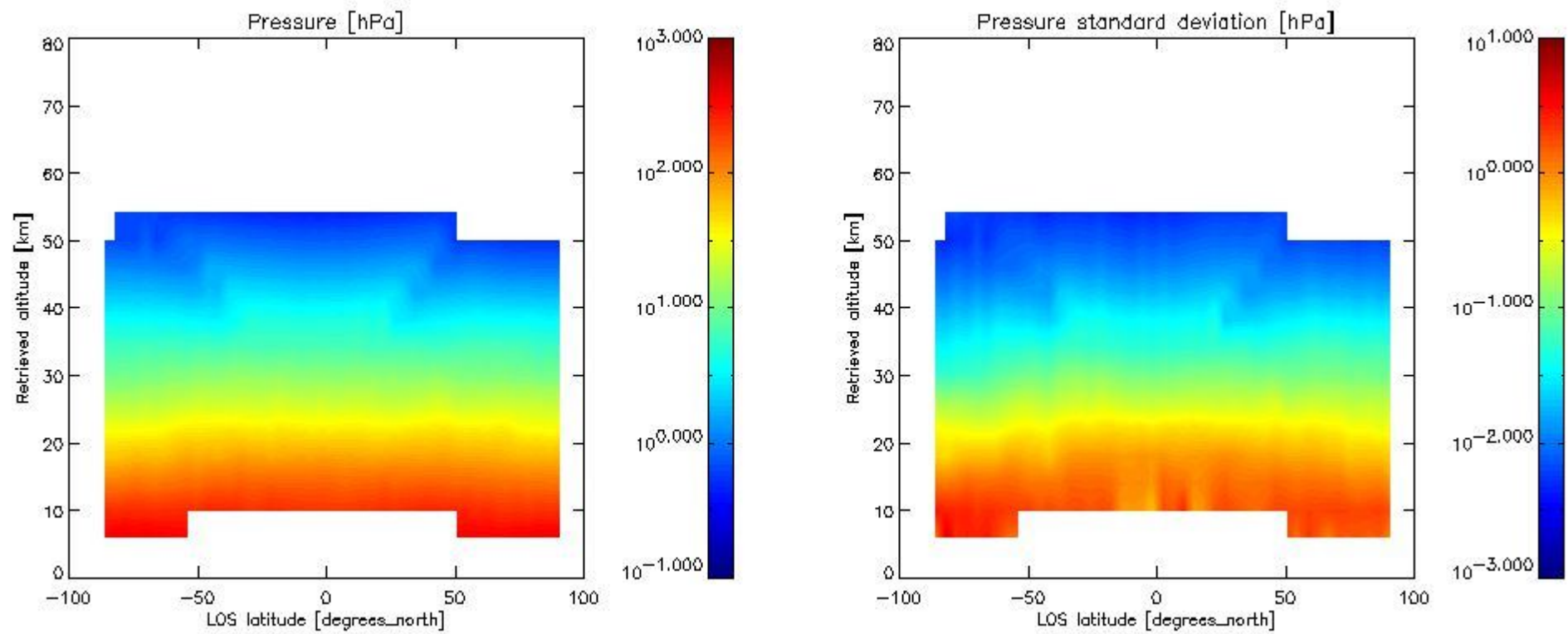
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	442	430	97.285
H2O	442	430	97.285

O3	442	430	97.285
HNO3	442	430	97.285
CH4	442	430	97.285
N2O	442	430	97.285
NO2	442	430	97.285
F11	442	430	97.285
CLNO	442	430	97.285
N2O5	442	430	97.285
F12	442	430	97.285
COF2	442	430	97.285
CCL4	442	430	97.285
HCN	442	430	97.285
F14	442	430	97.285
F22	442	430	97.285



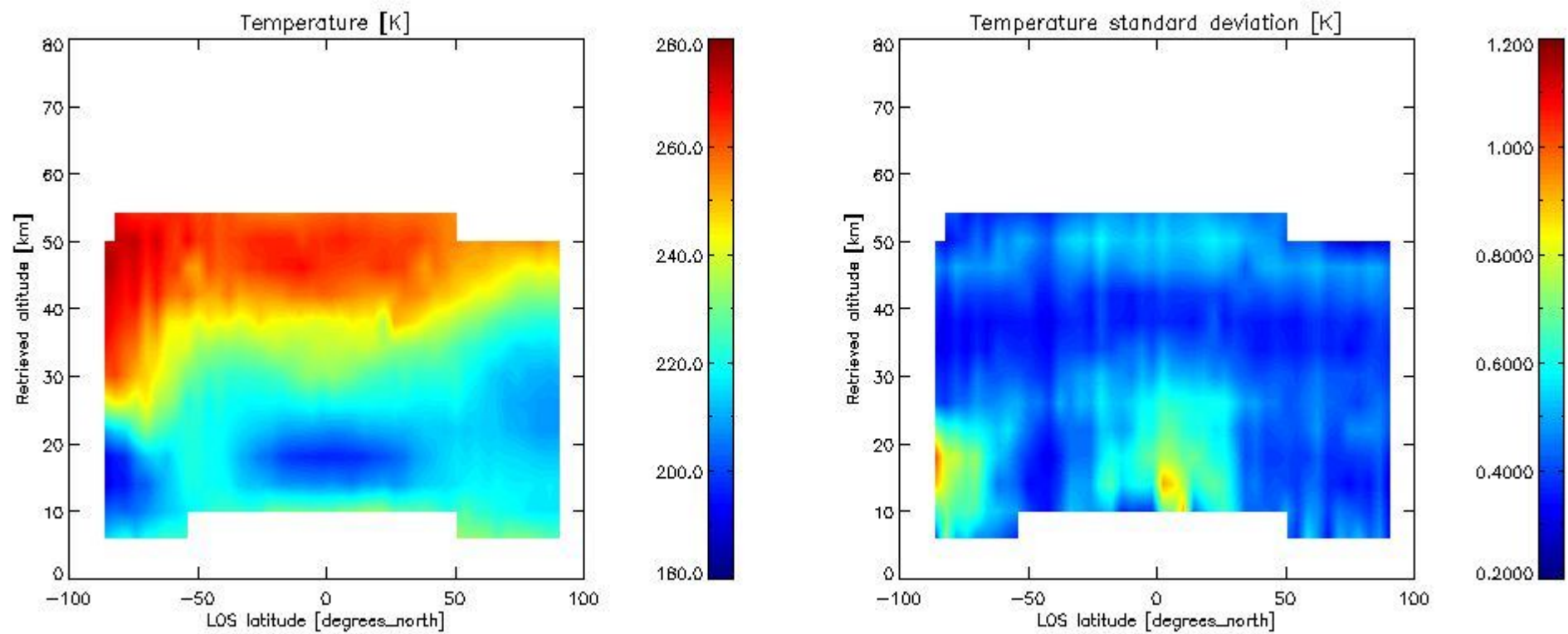
## 2.2.2 Pressure overview

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



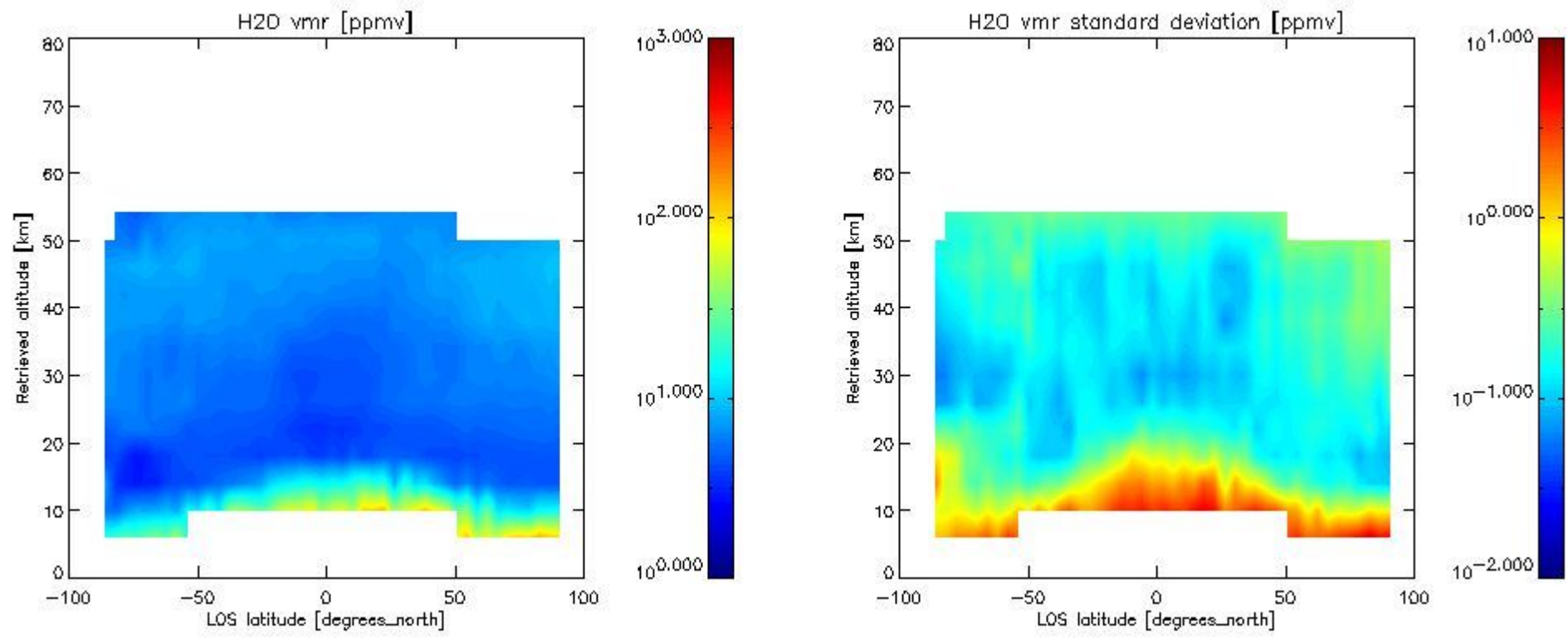
### 2.2.3 Temperature overview

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

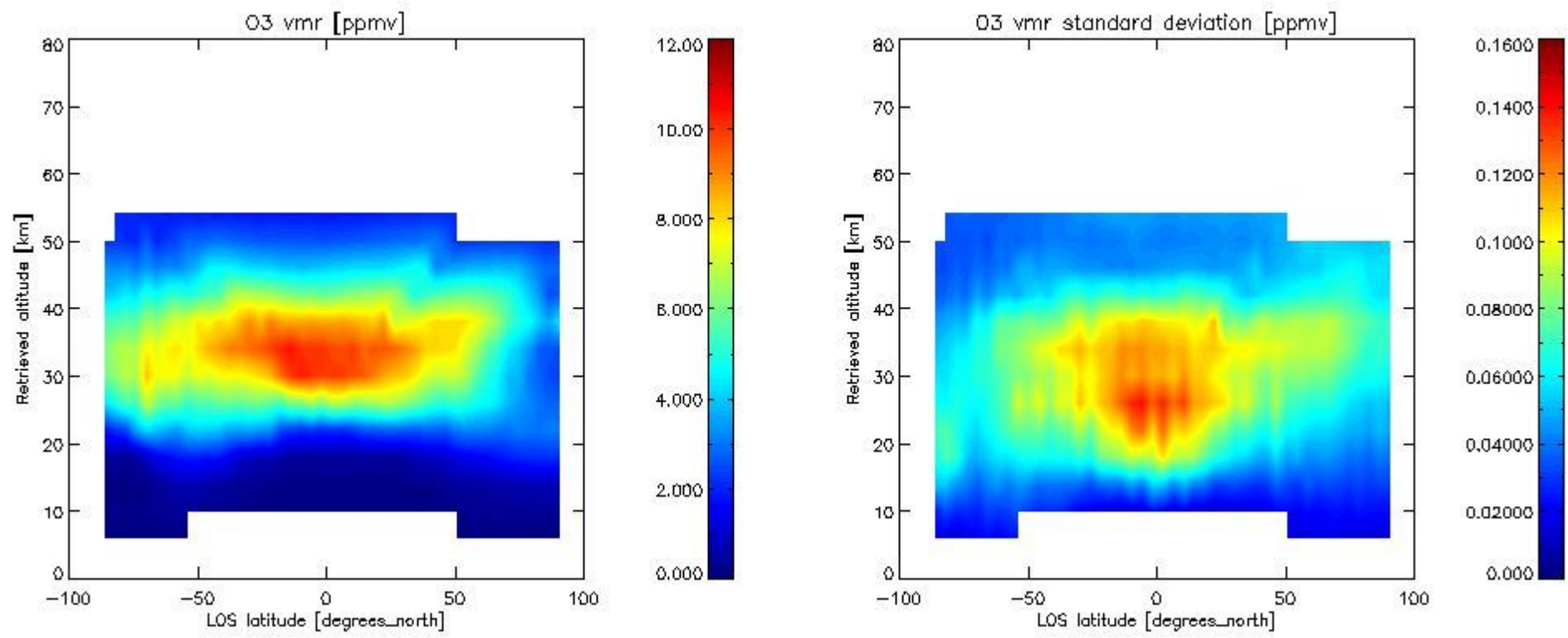


### 2.2.4 Species overview

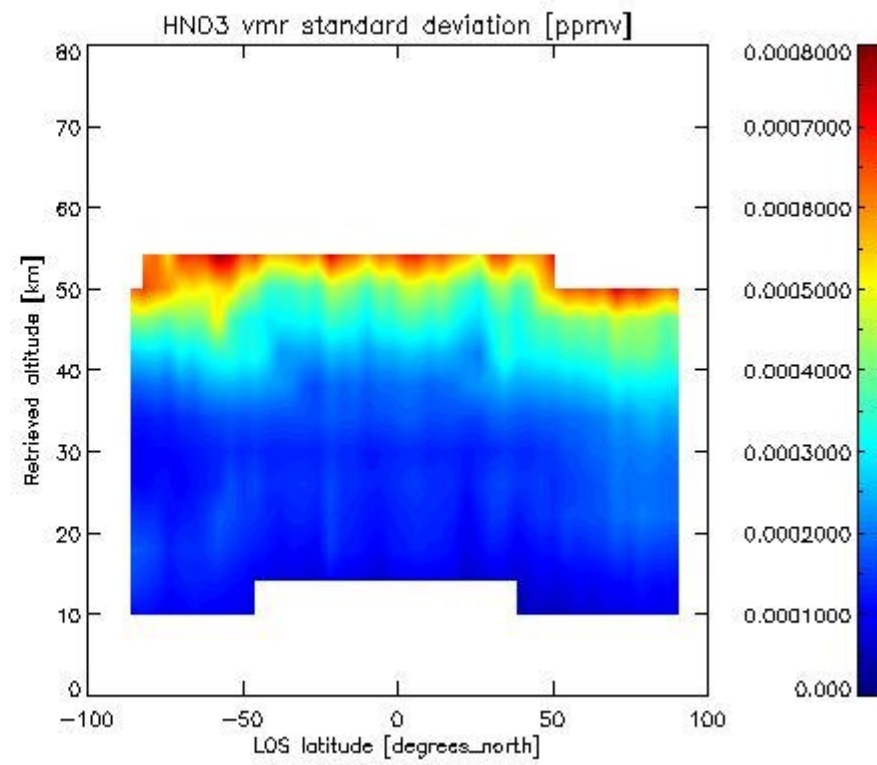
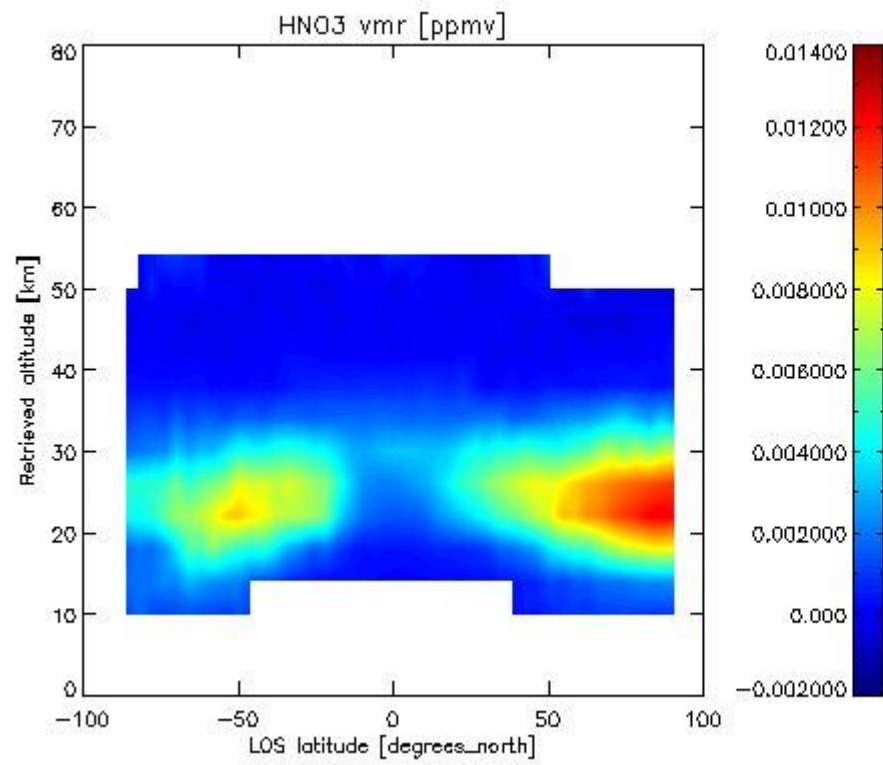
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



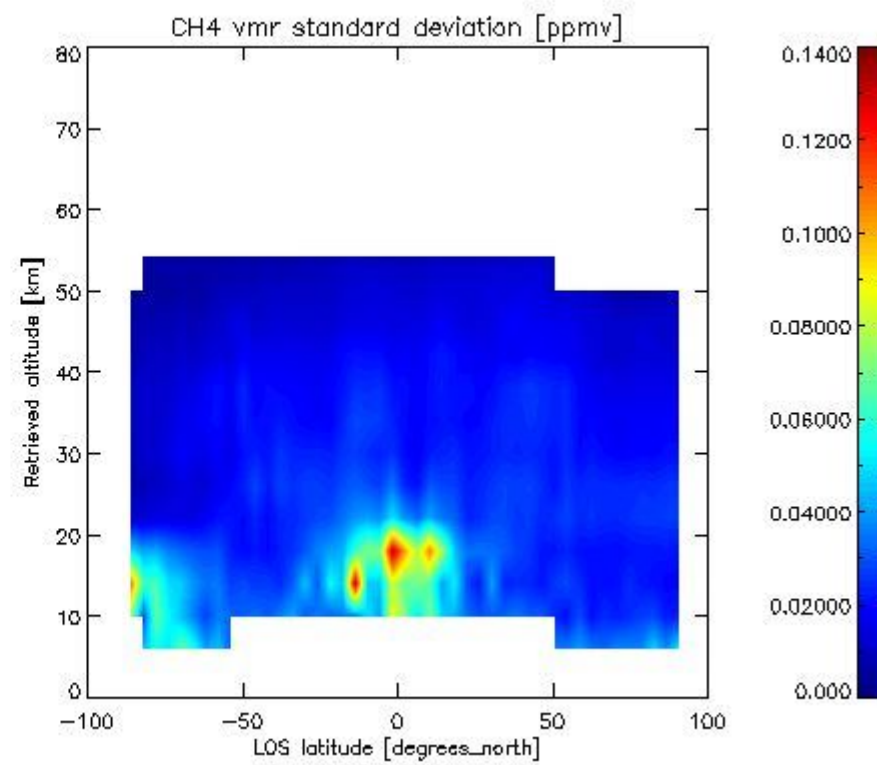
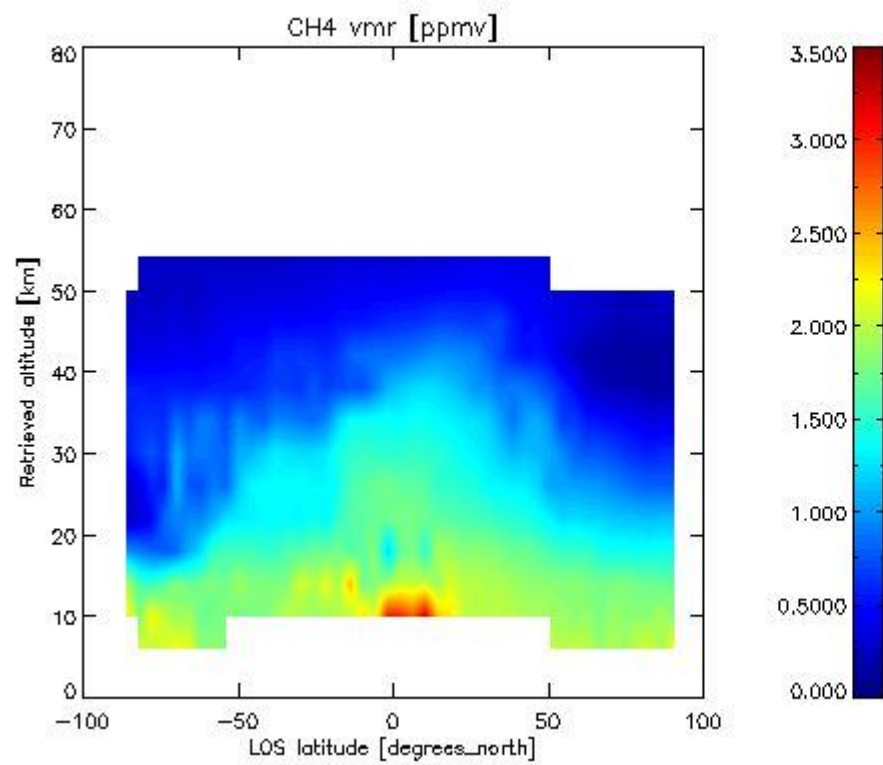
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



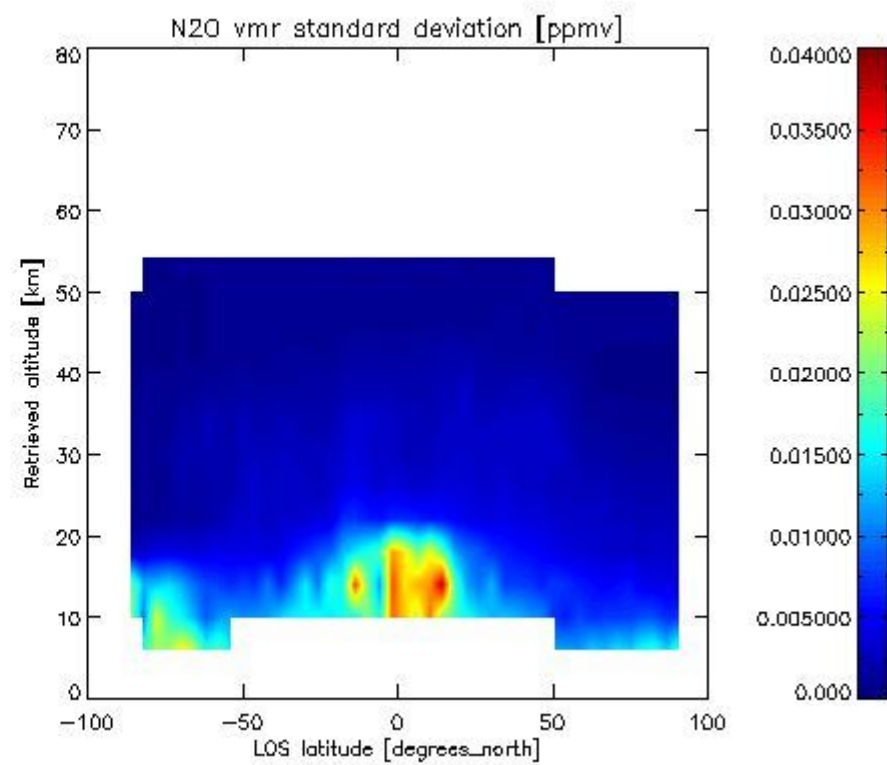
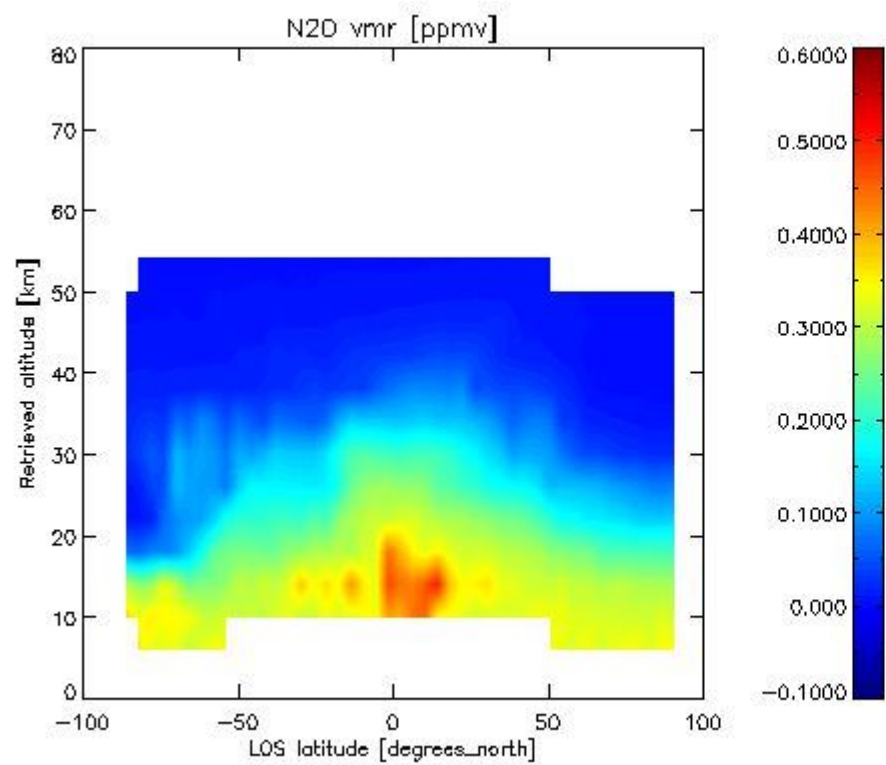
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



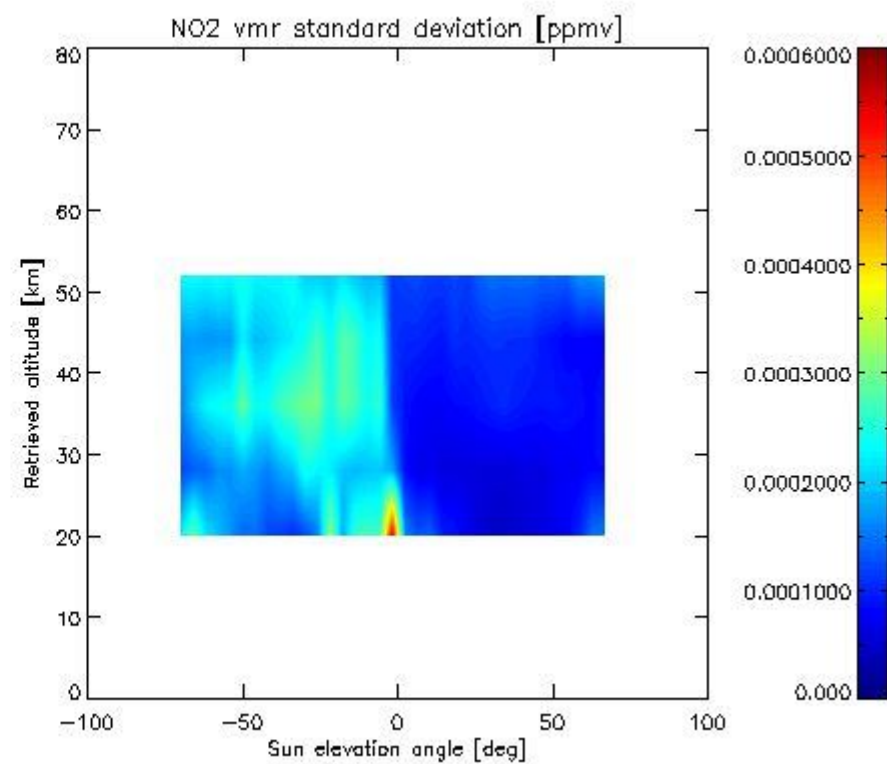
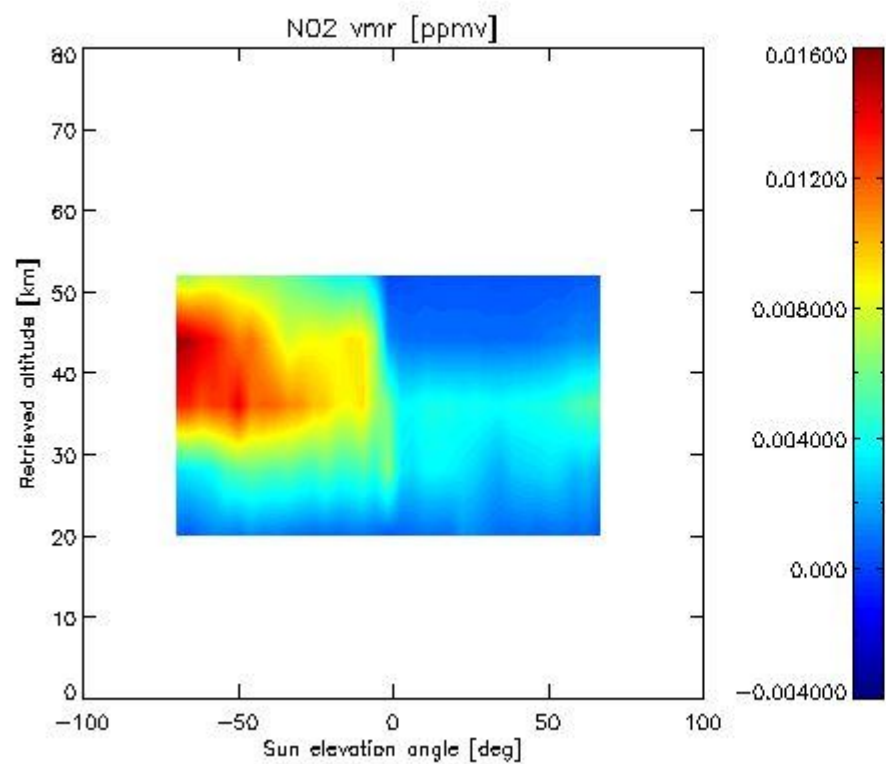
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



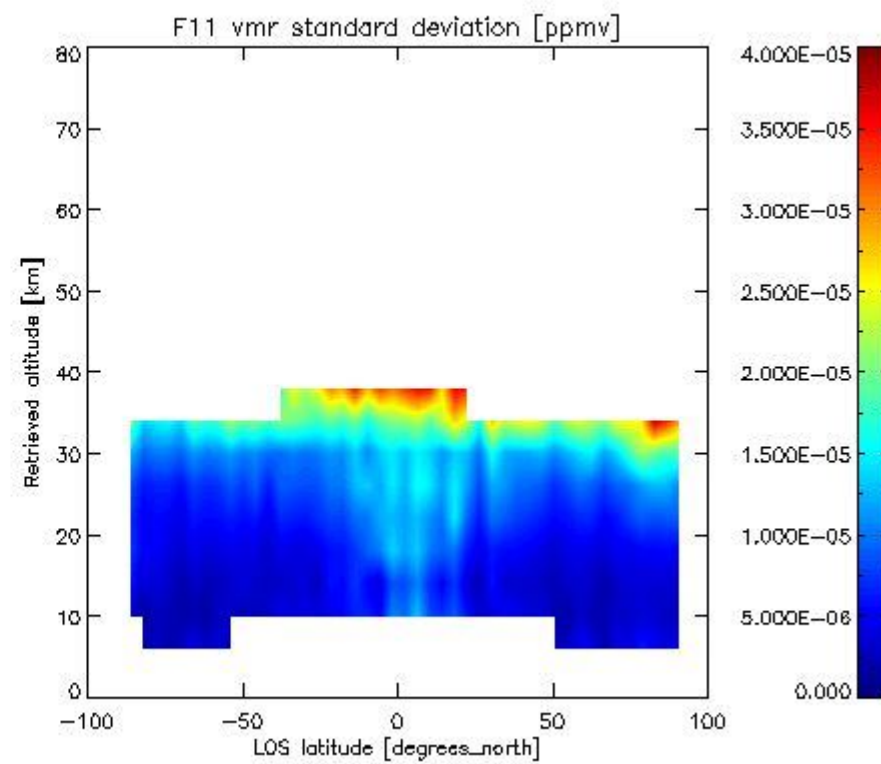
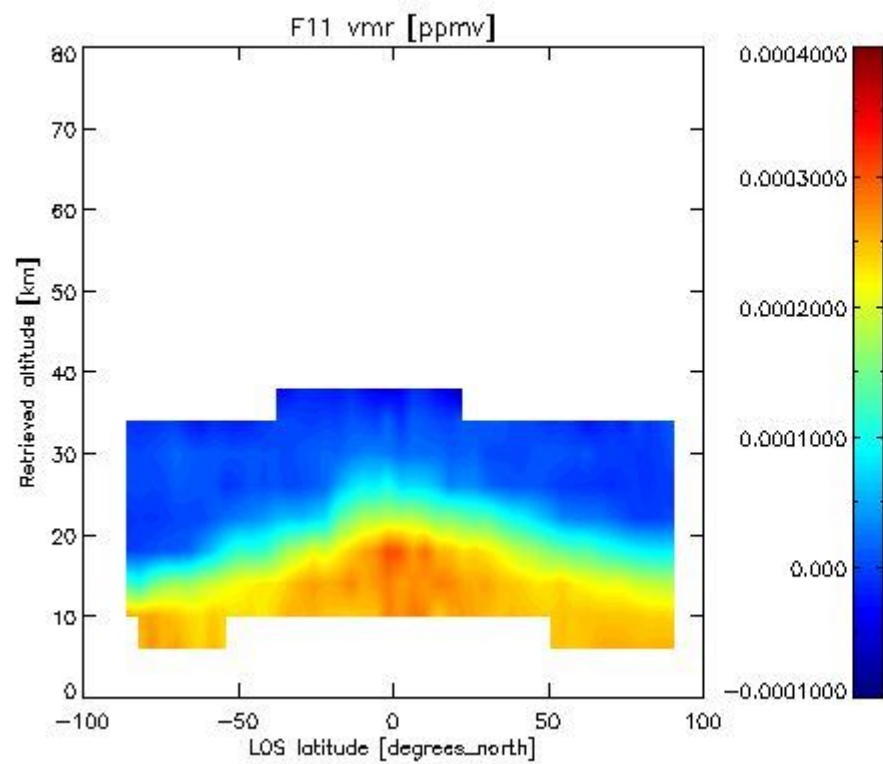
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



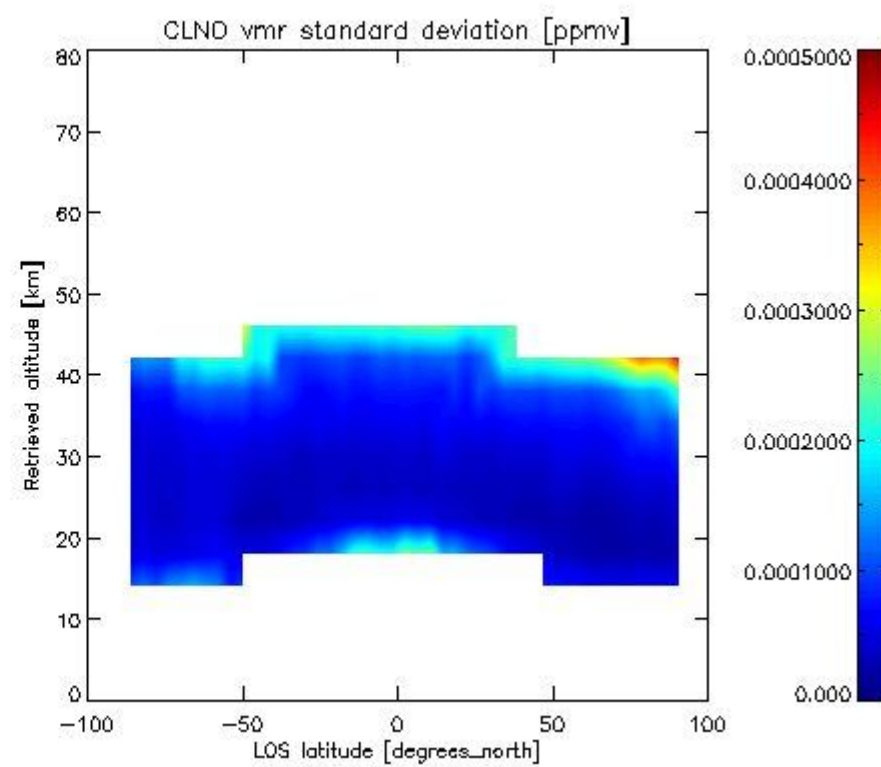
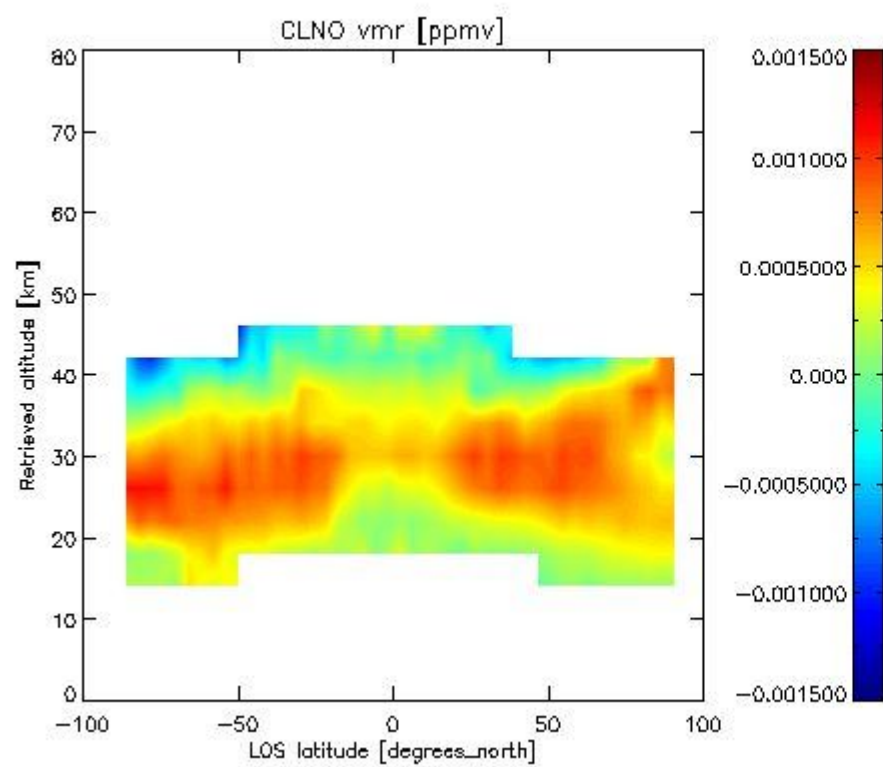
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 8 km.

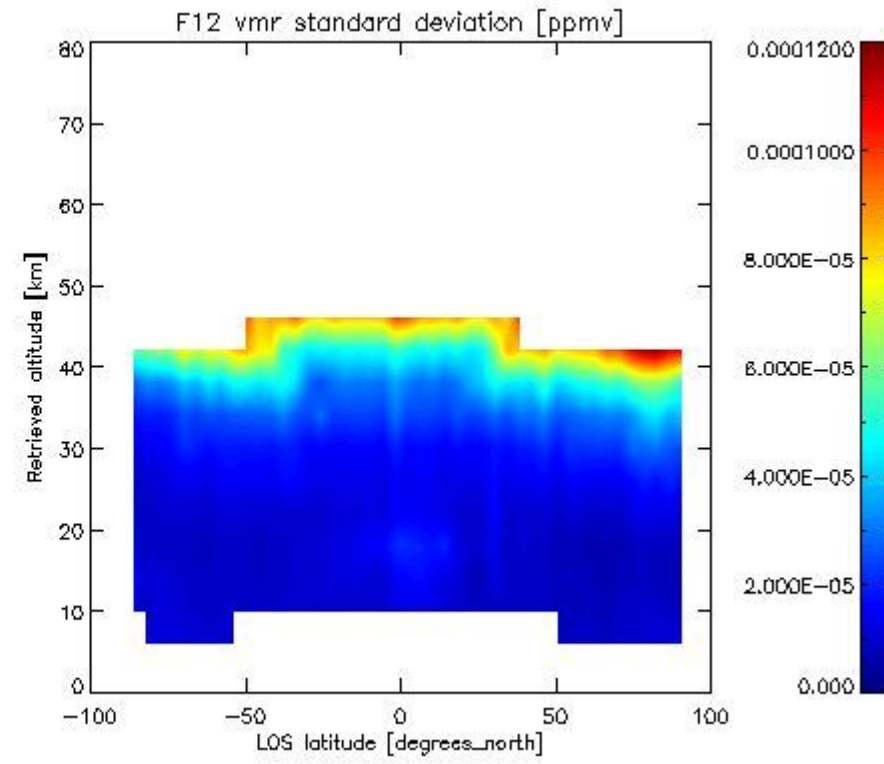
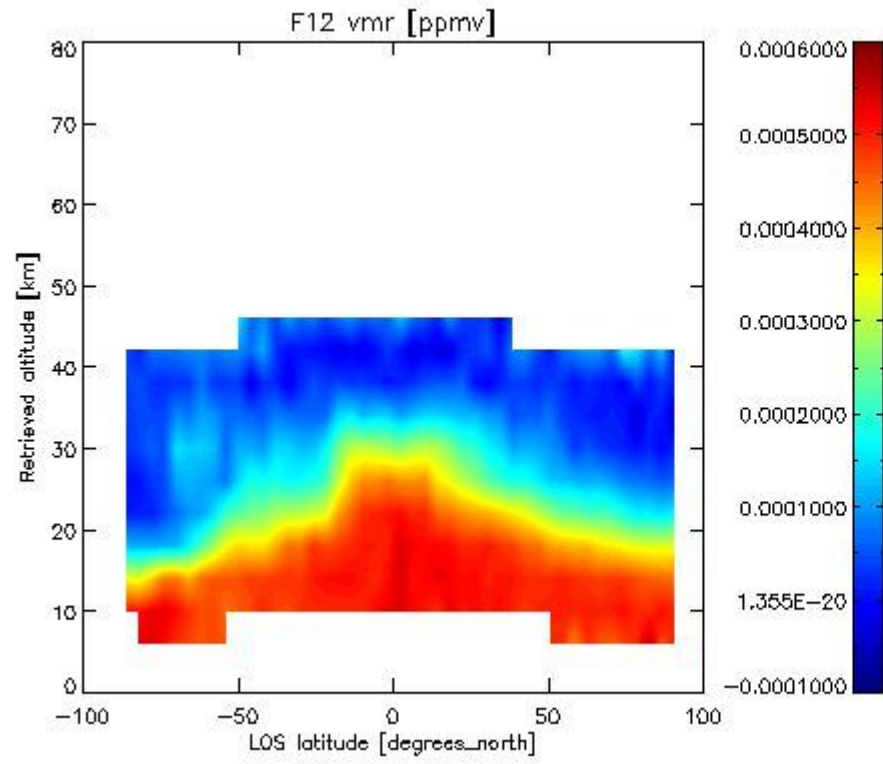
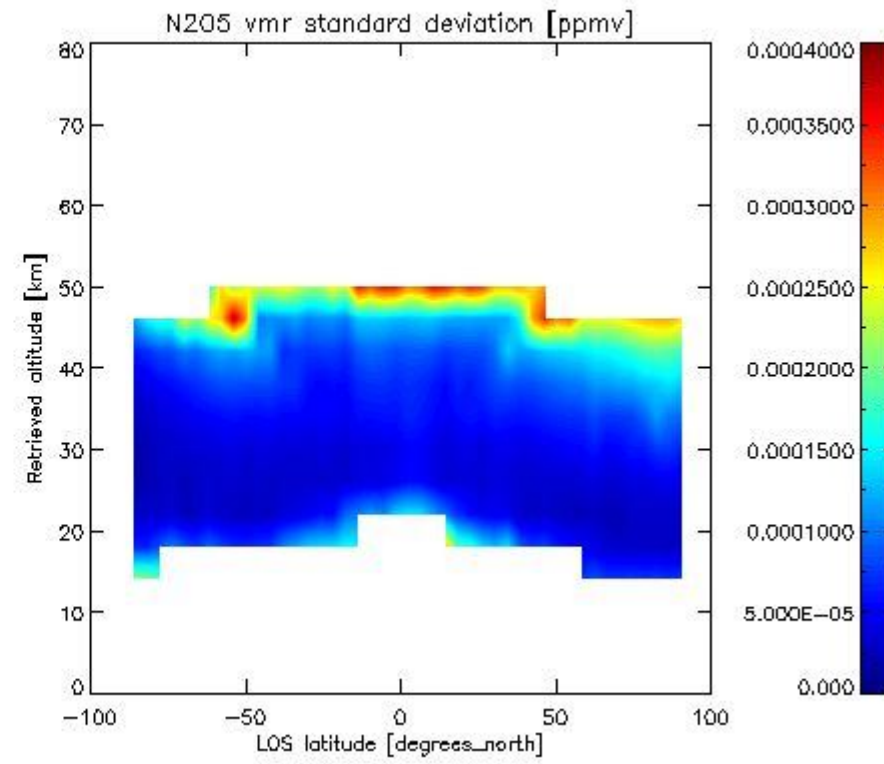
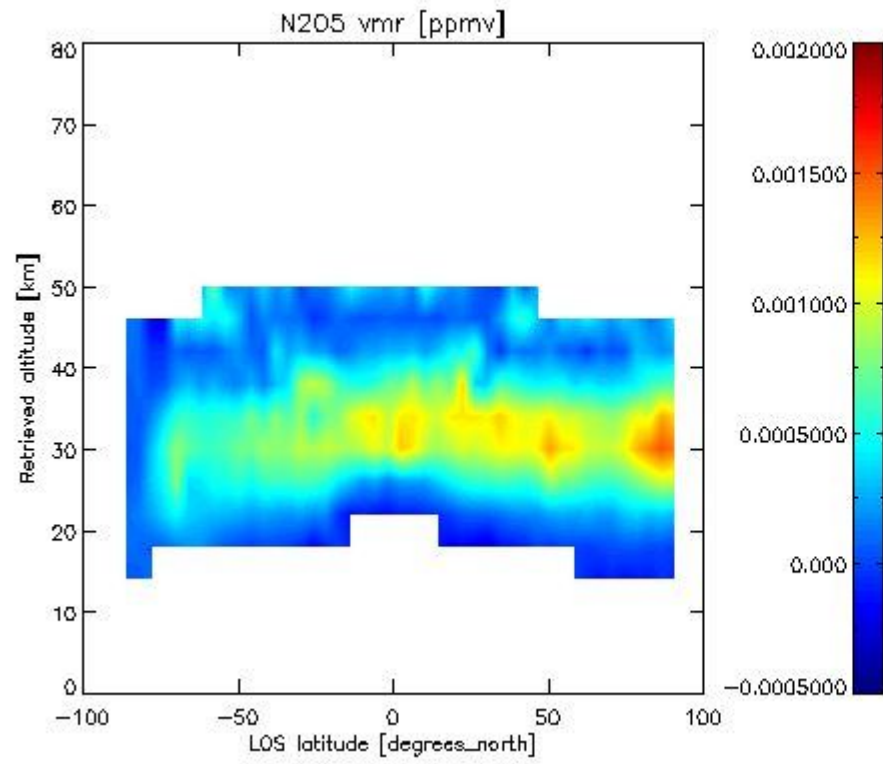


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

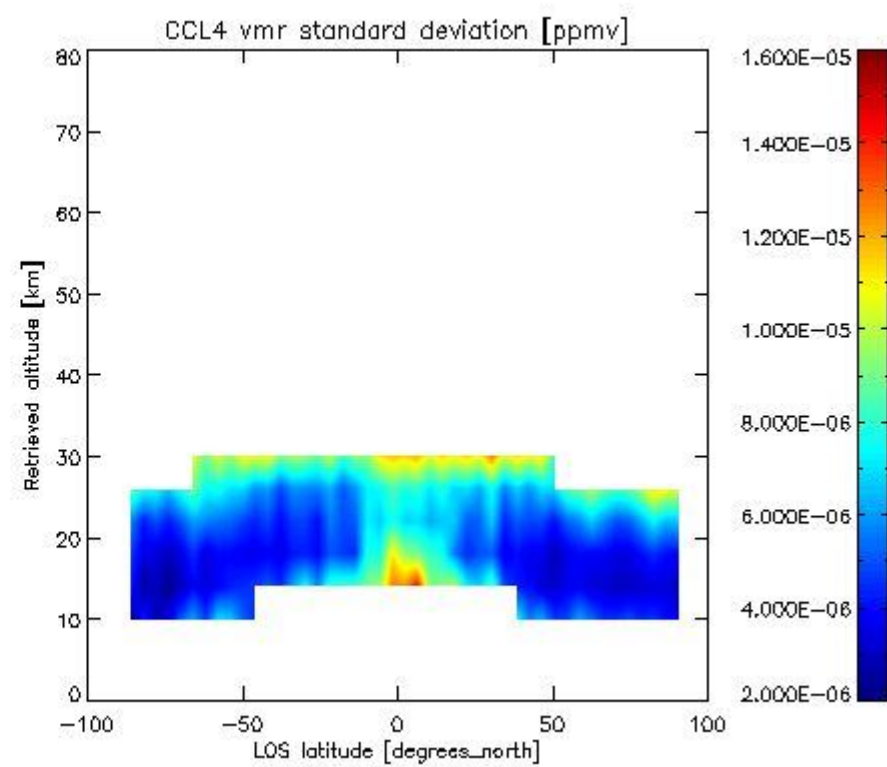
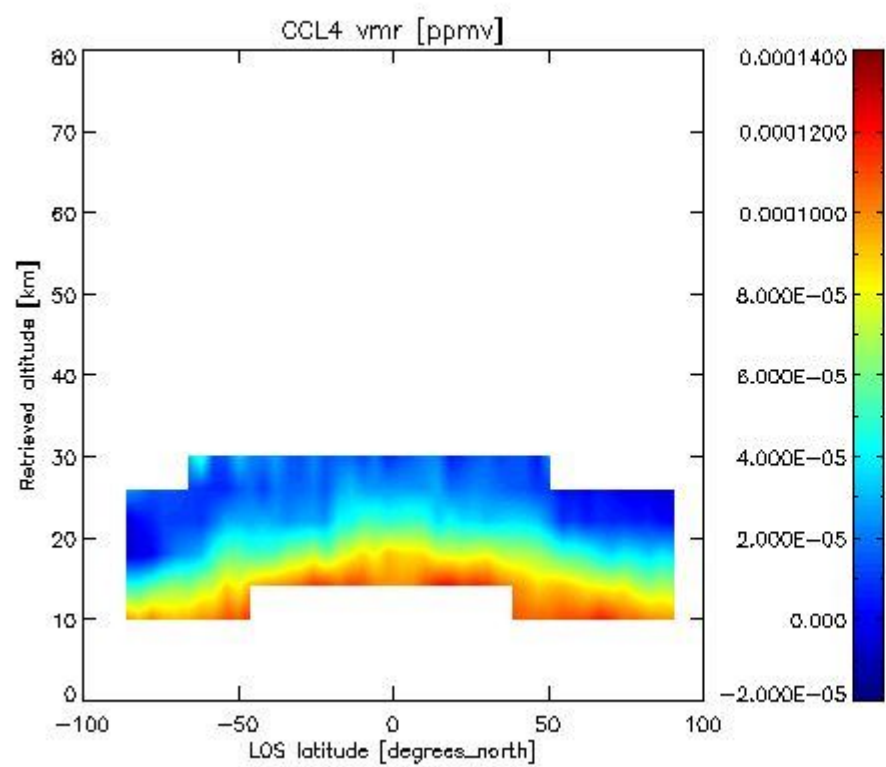
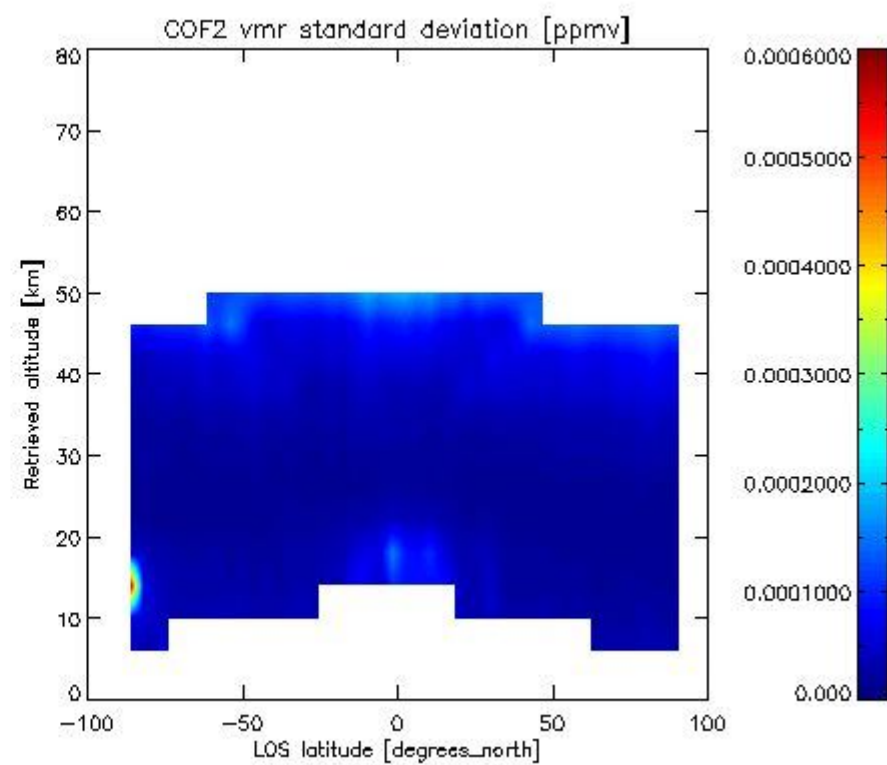
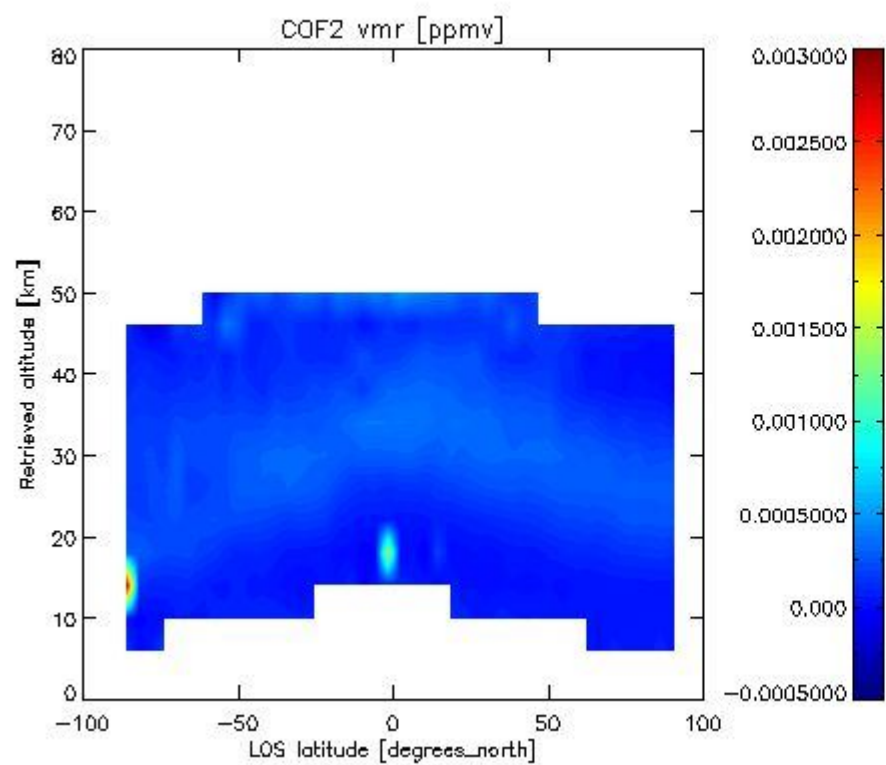


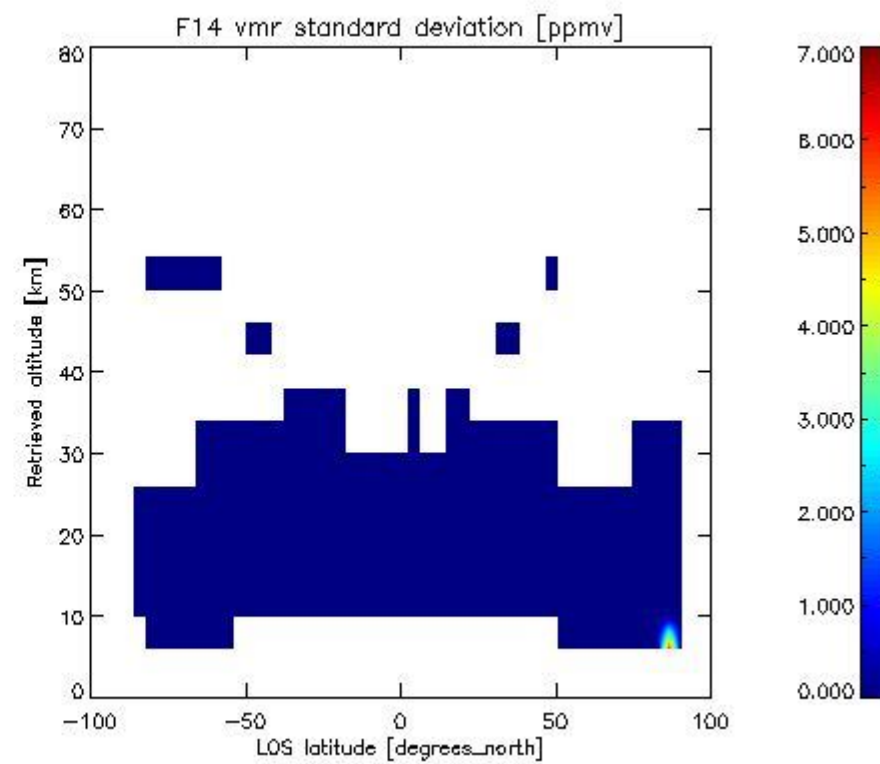
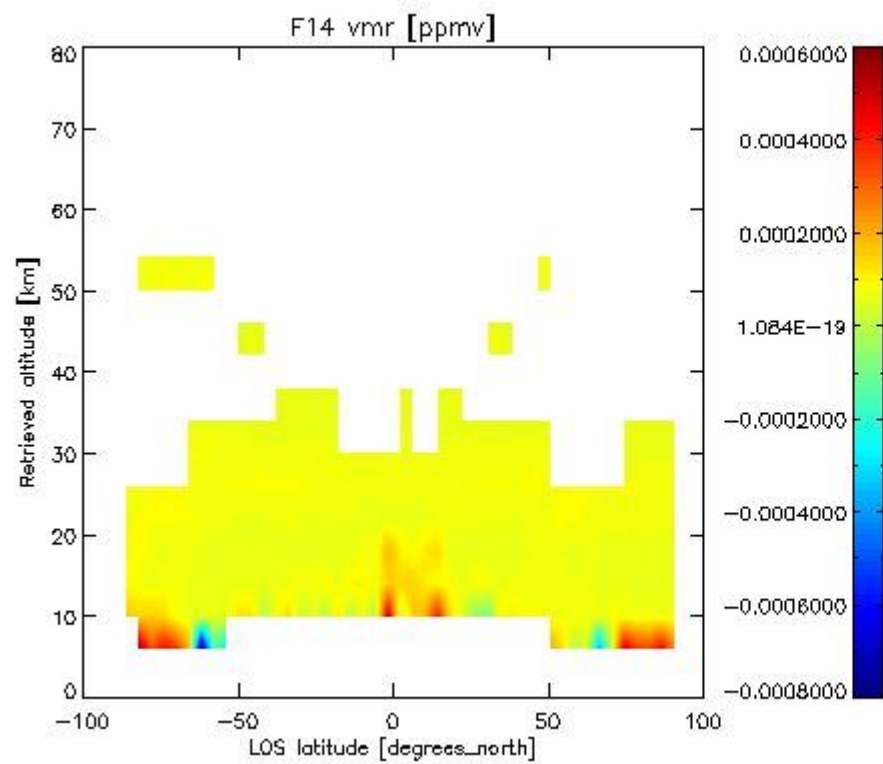
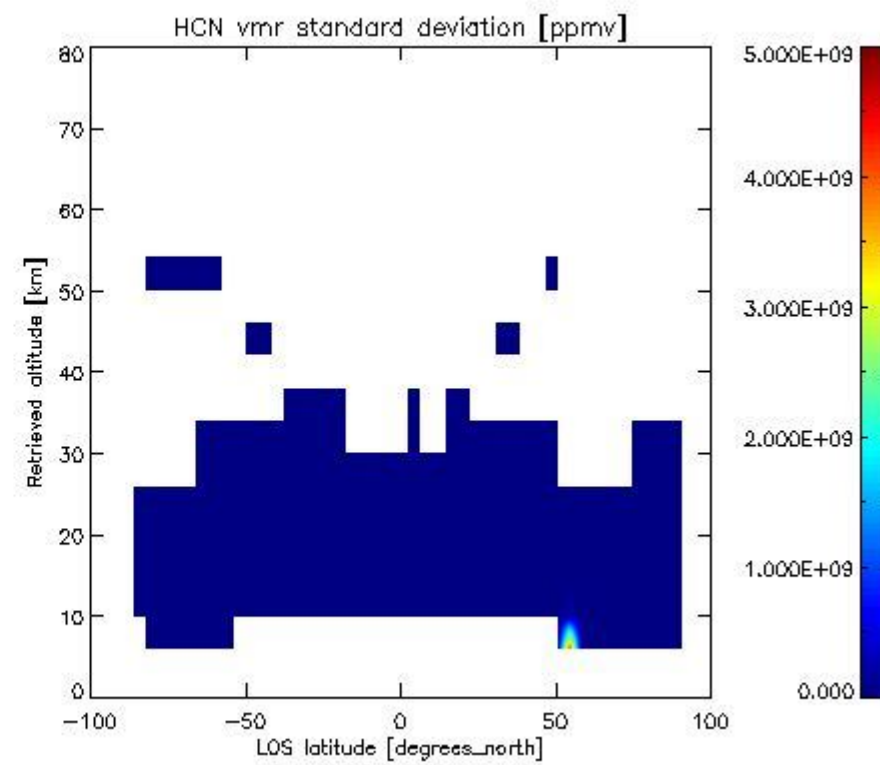
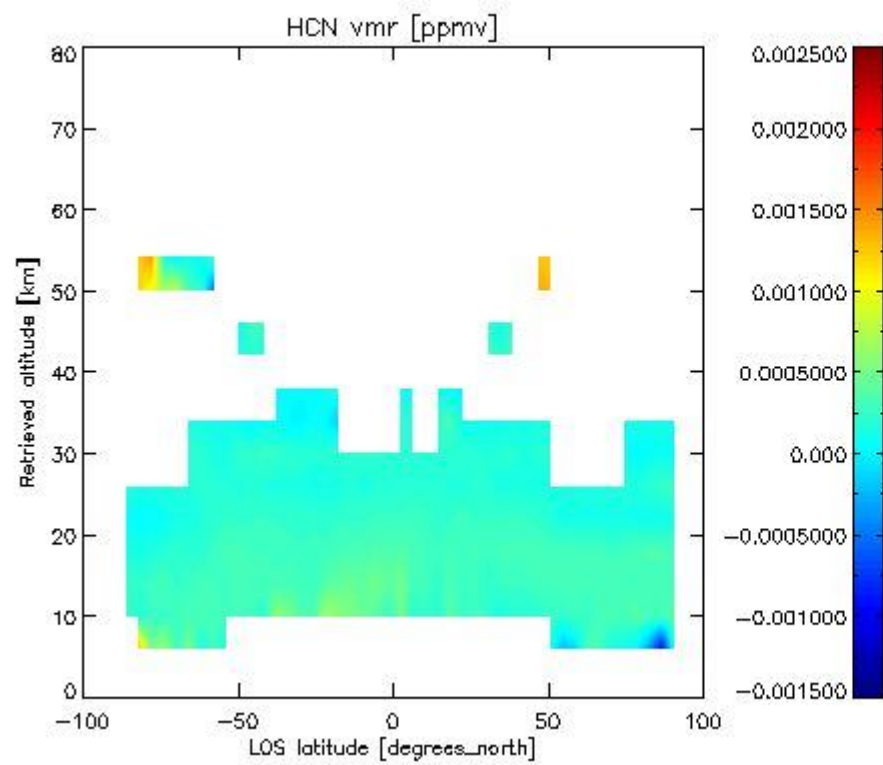
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

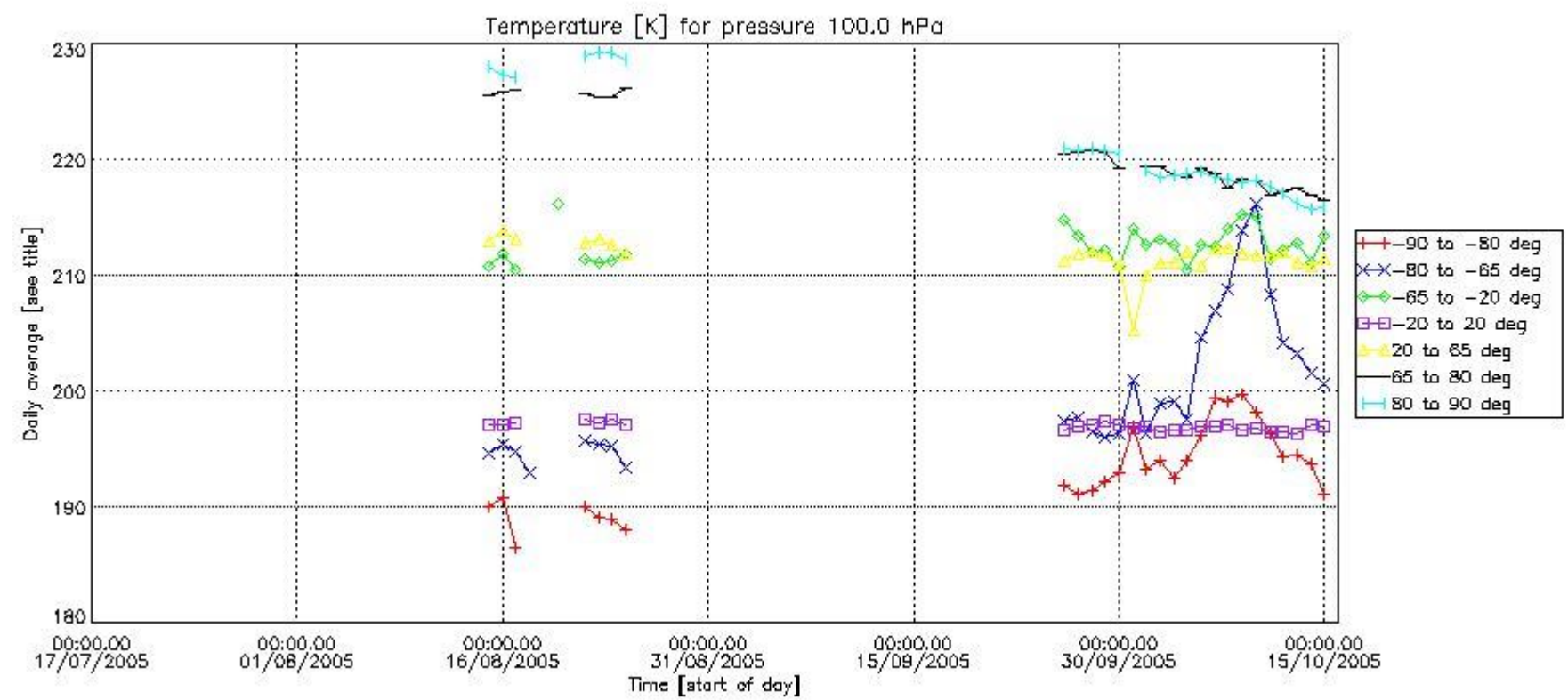
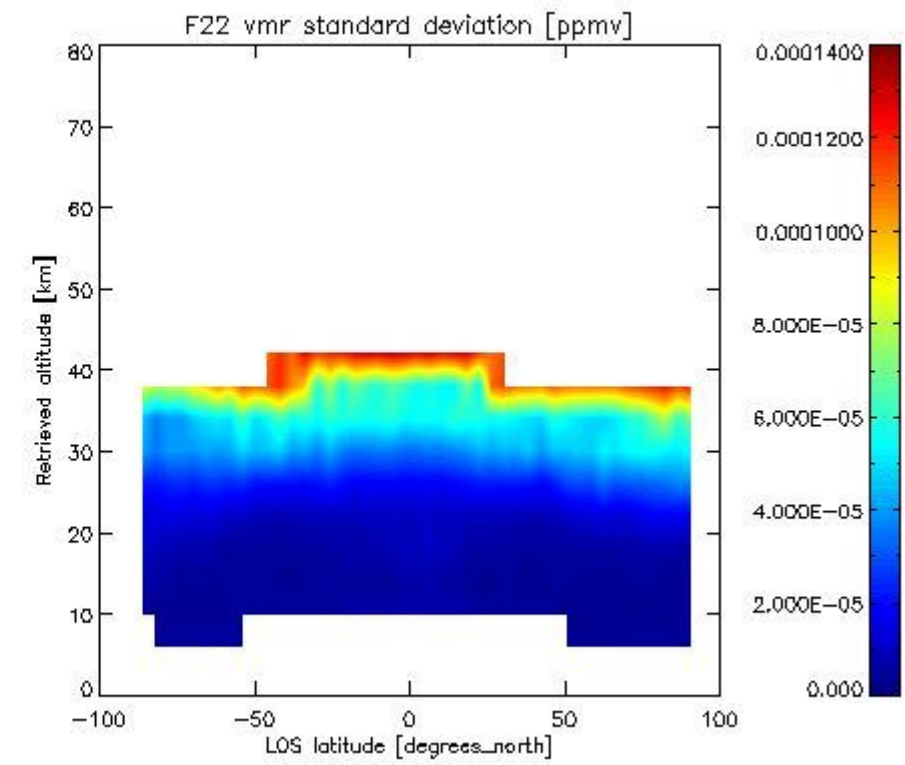
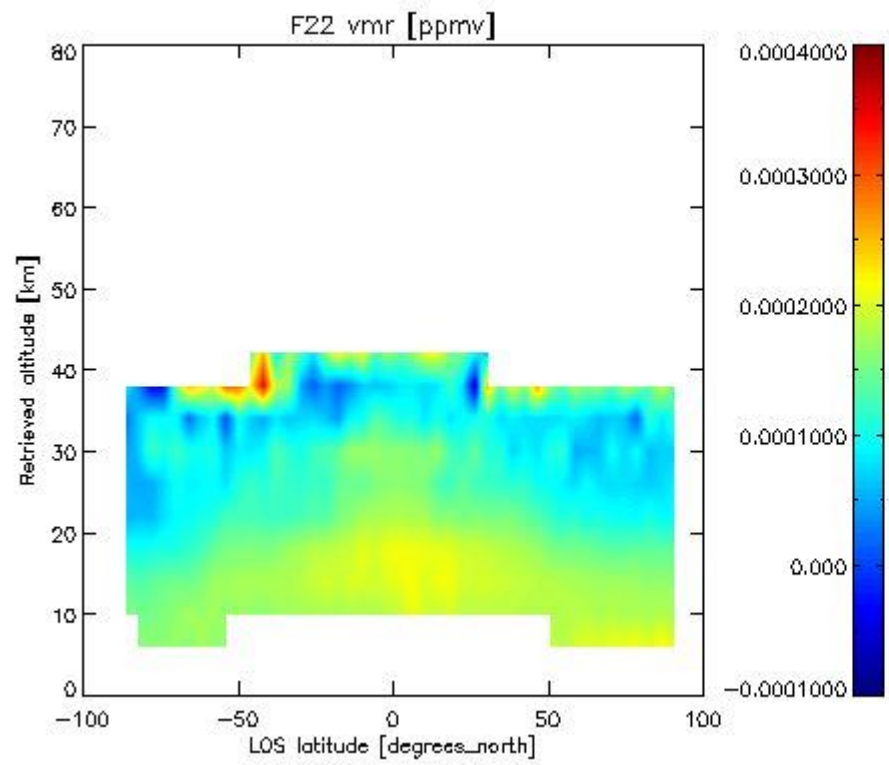


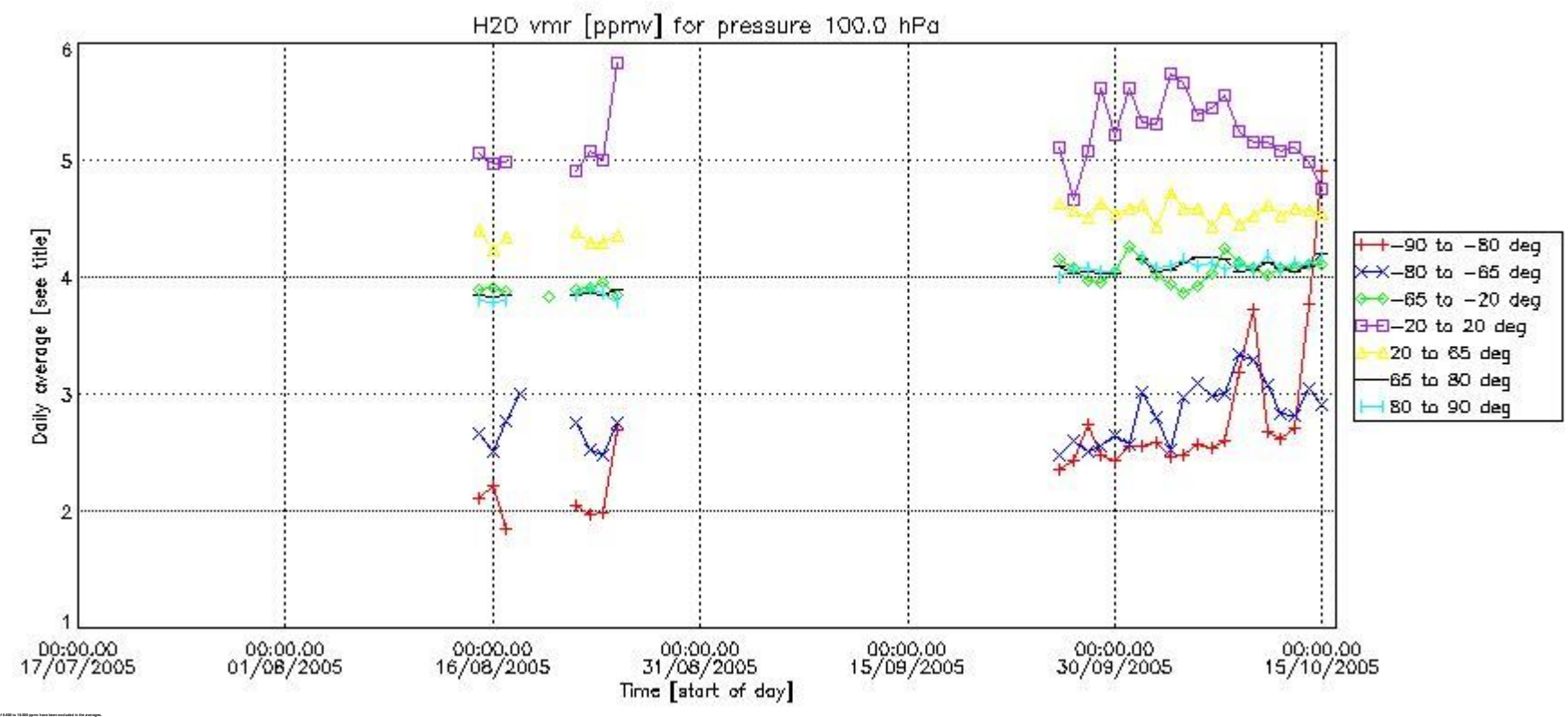
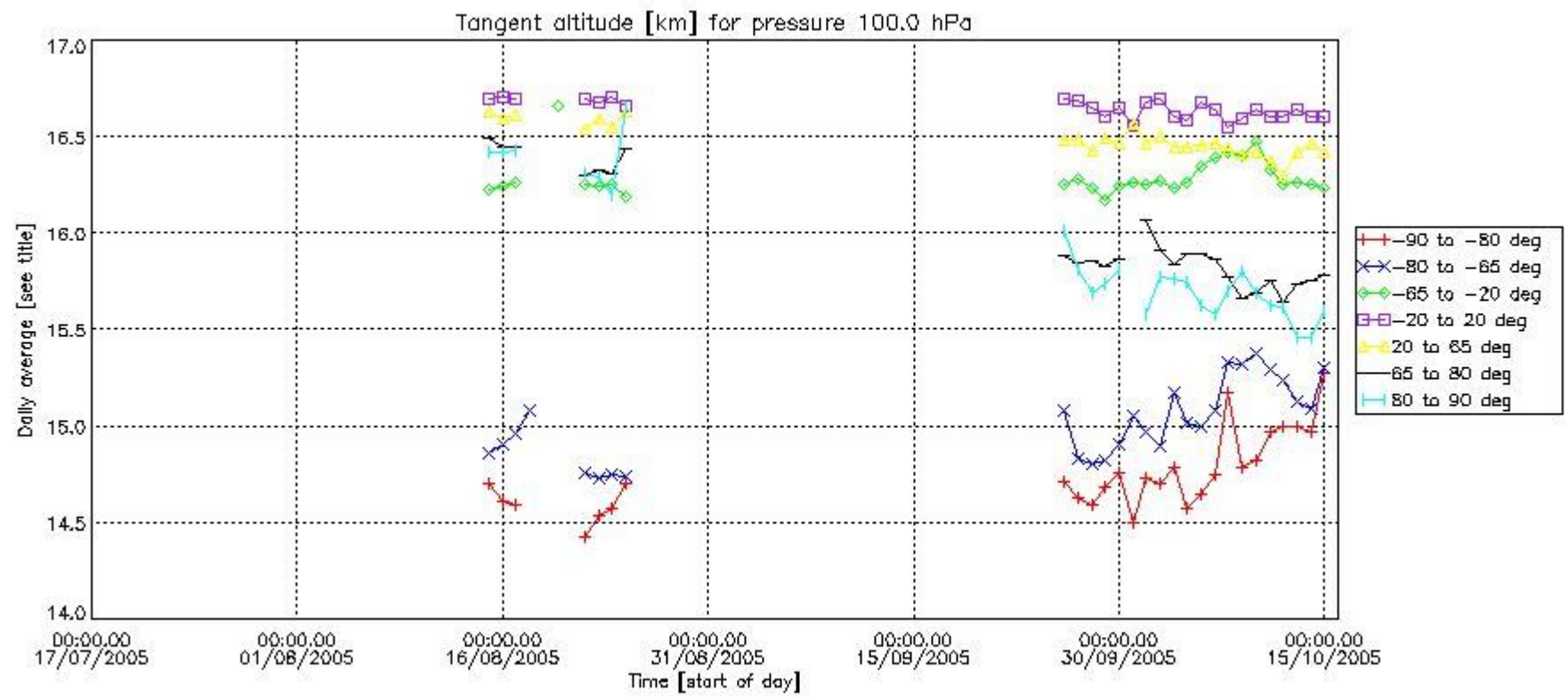


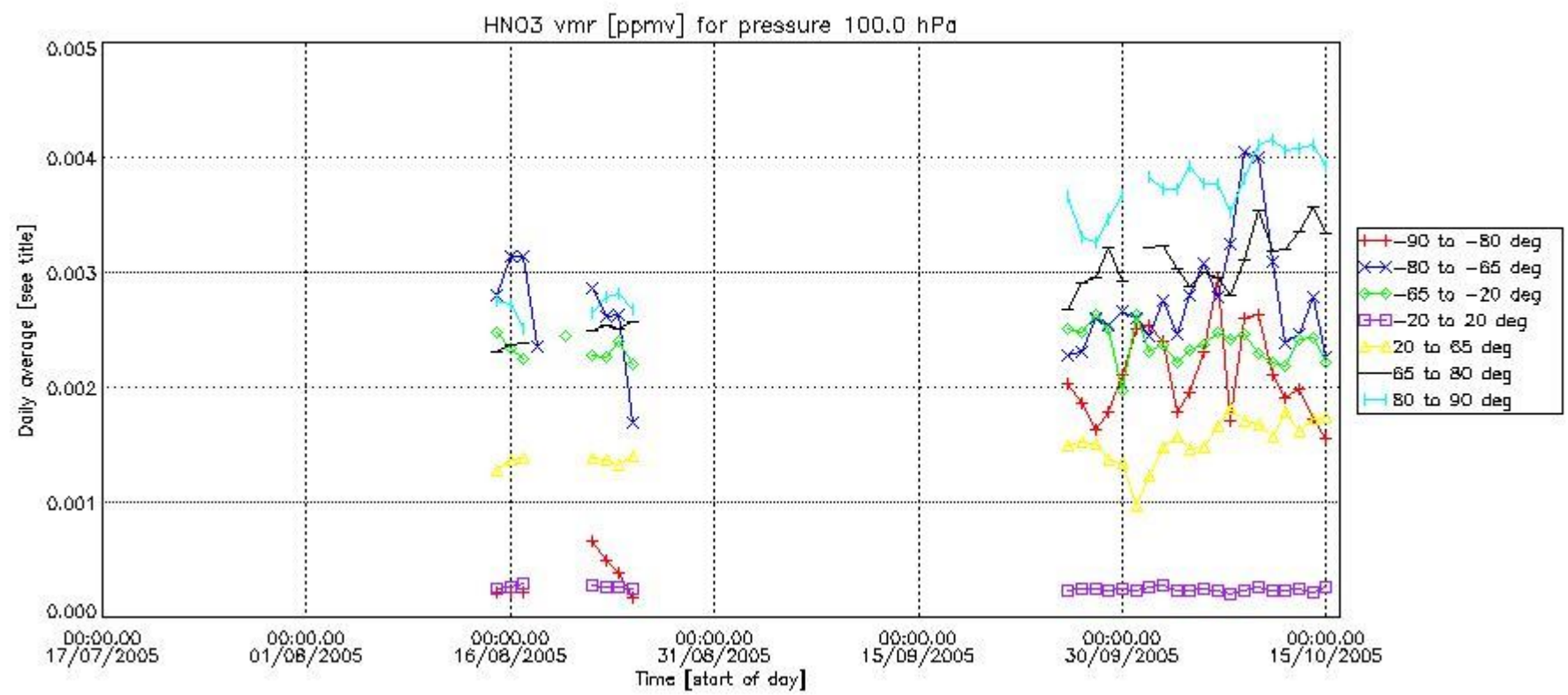
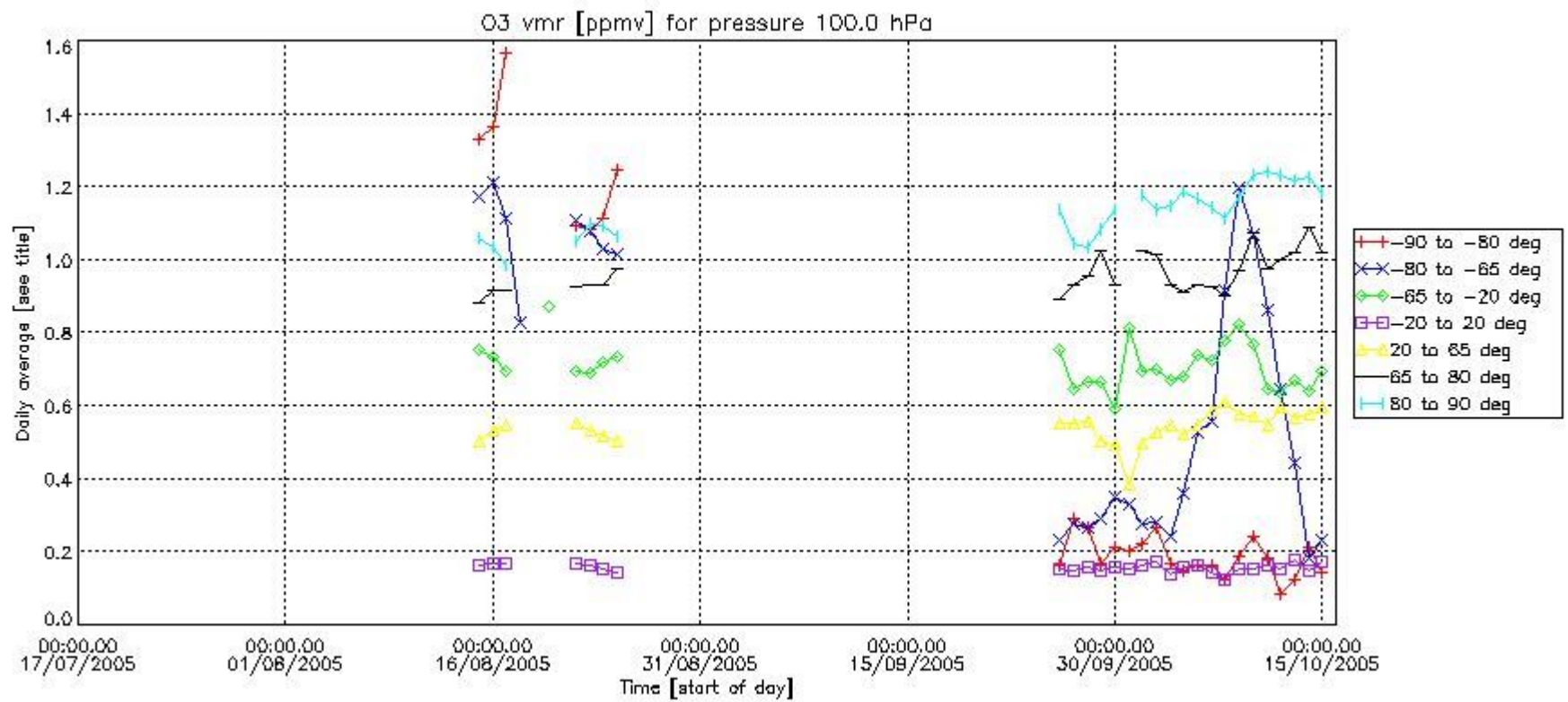


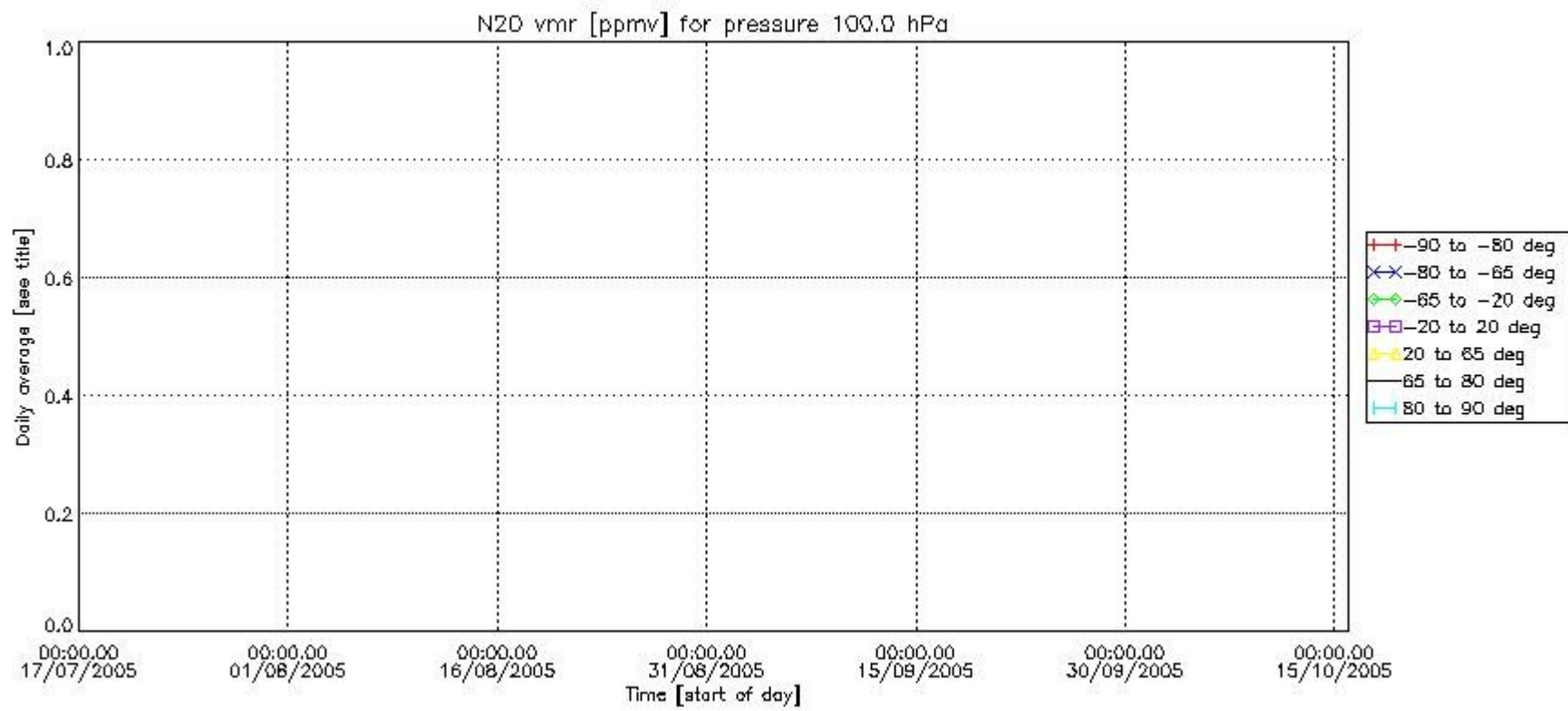
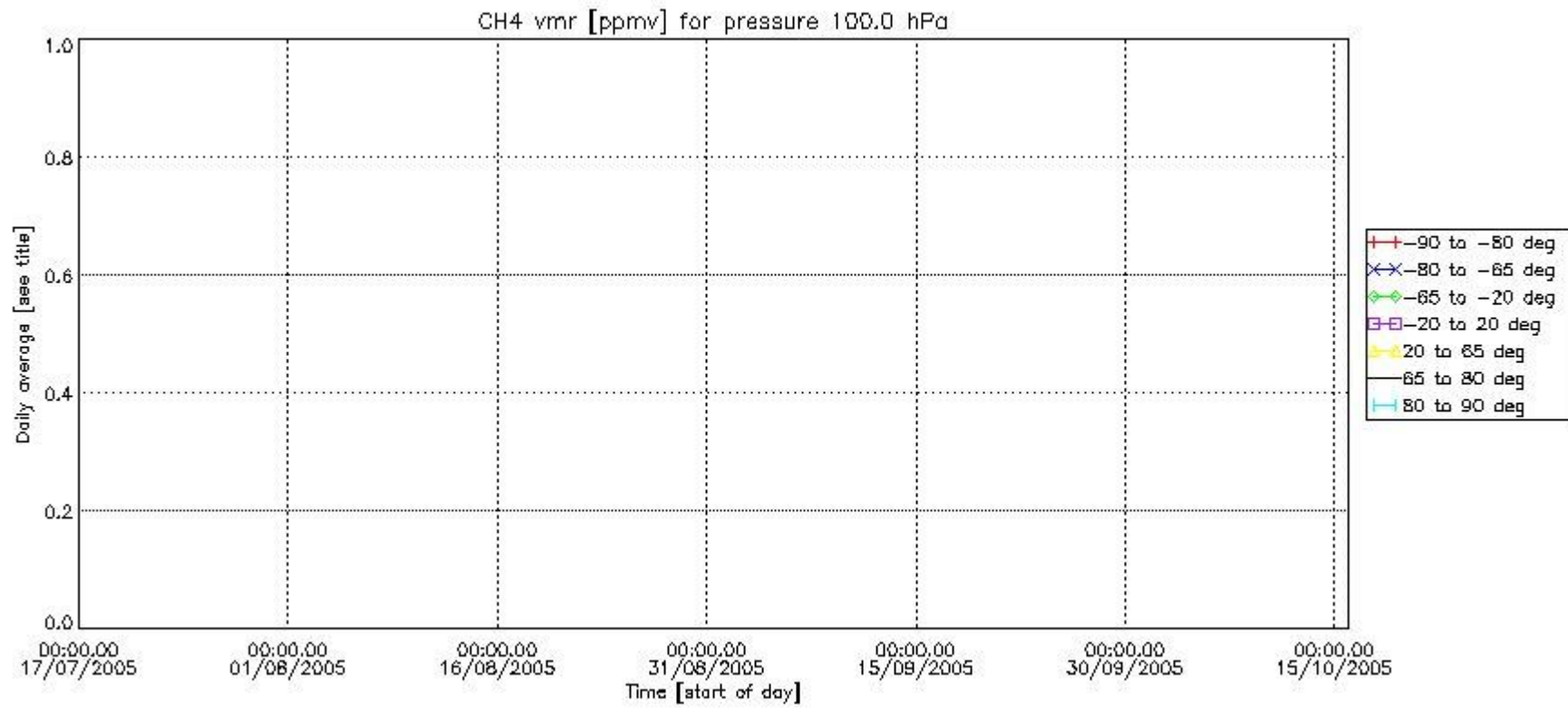


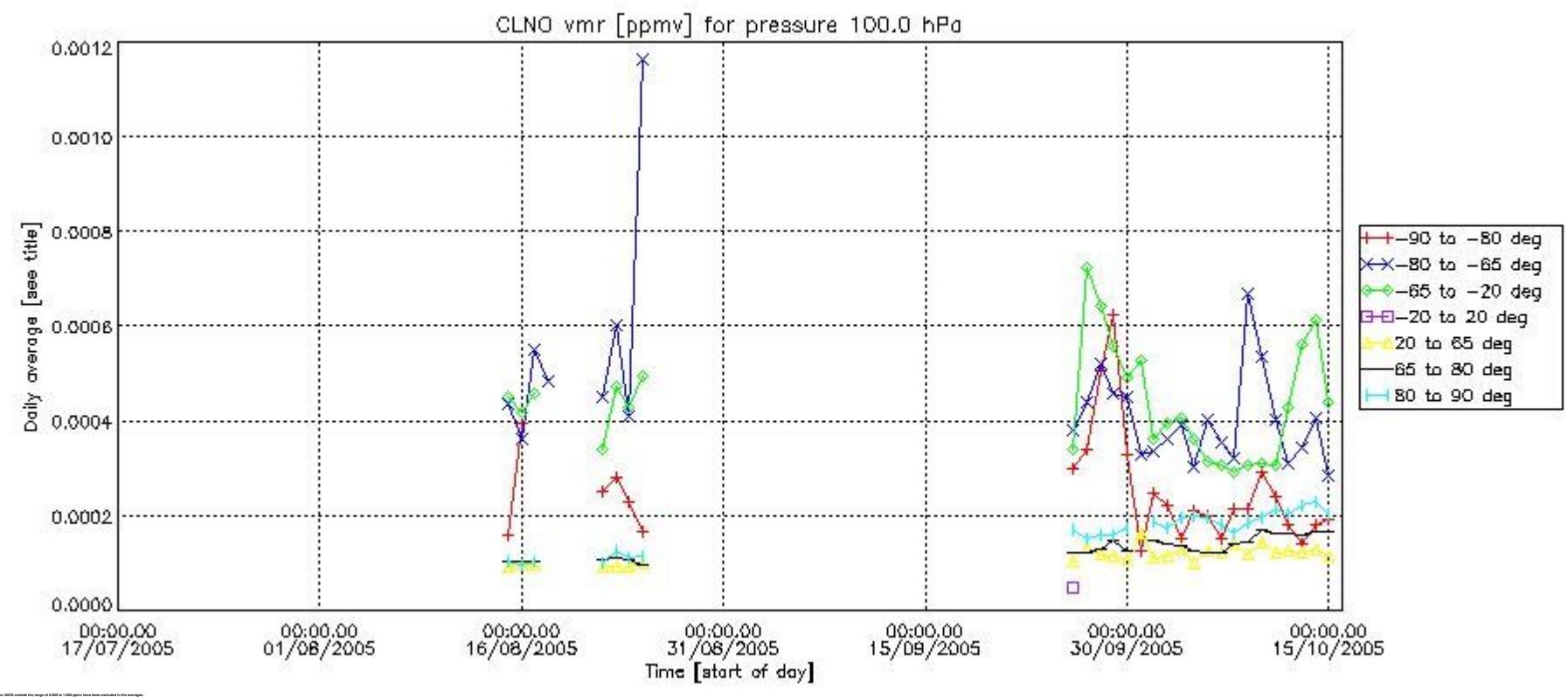
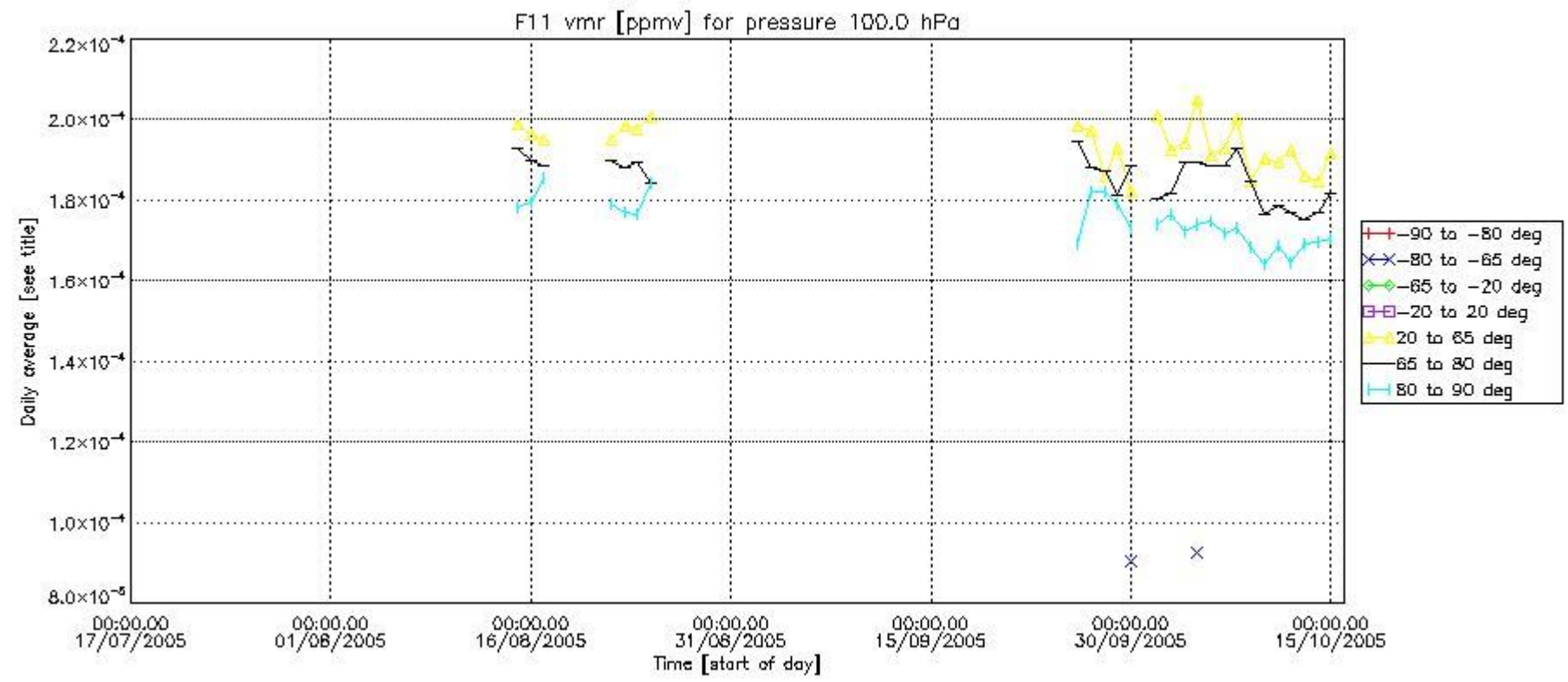


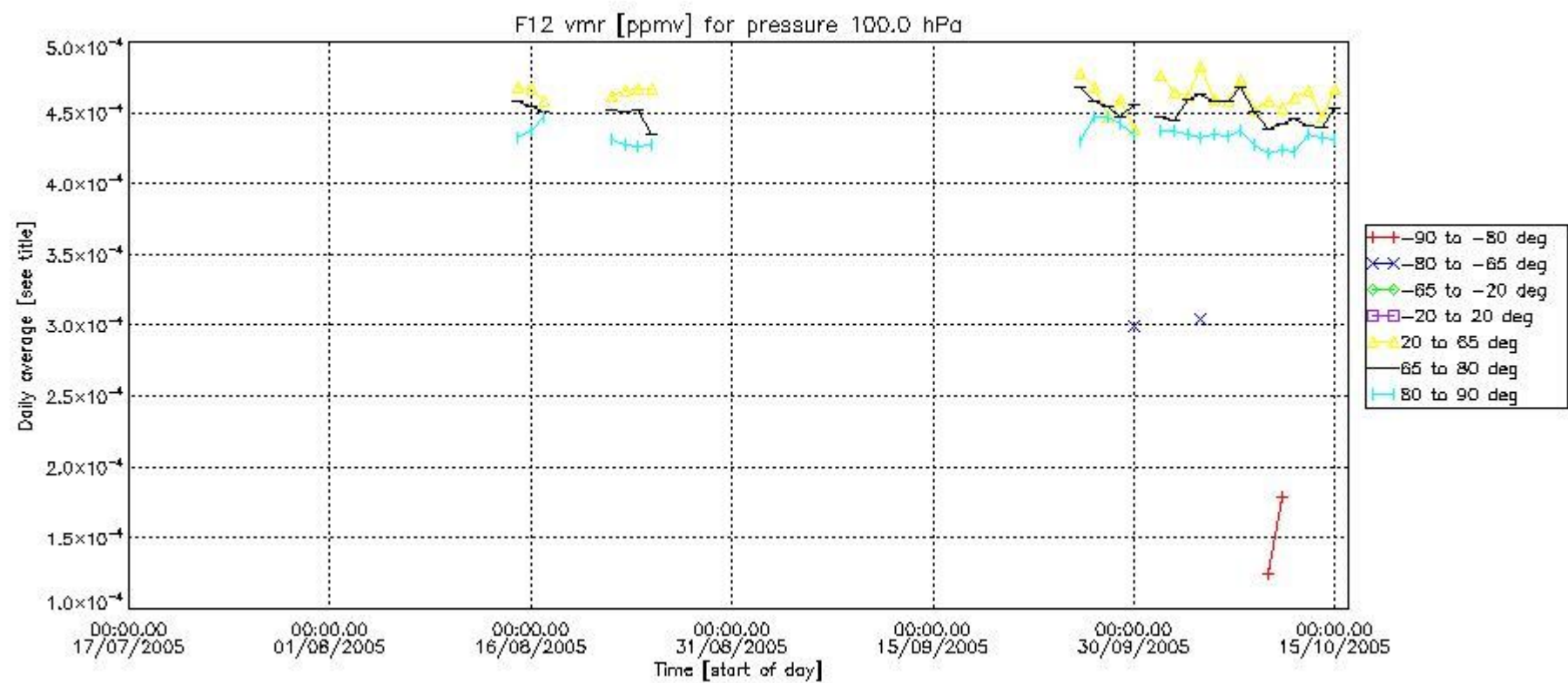
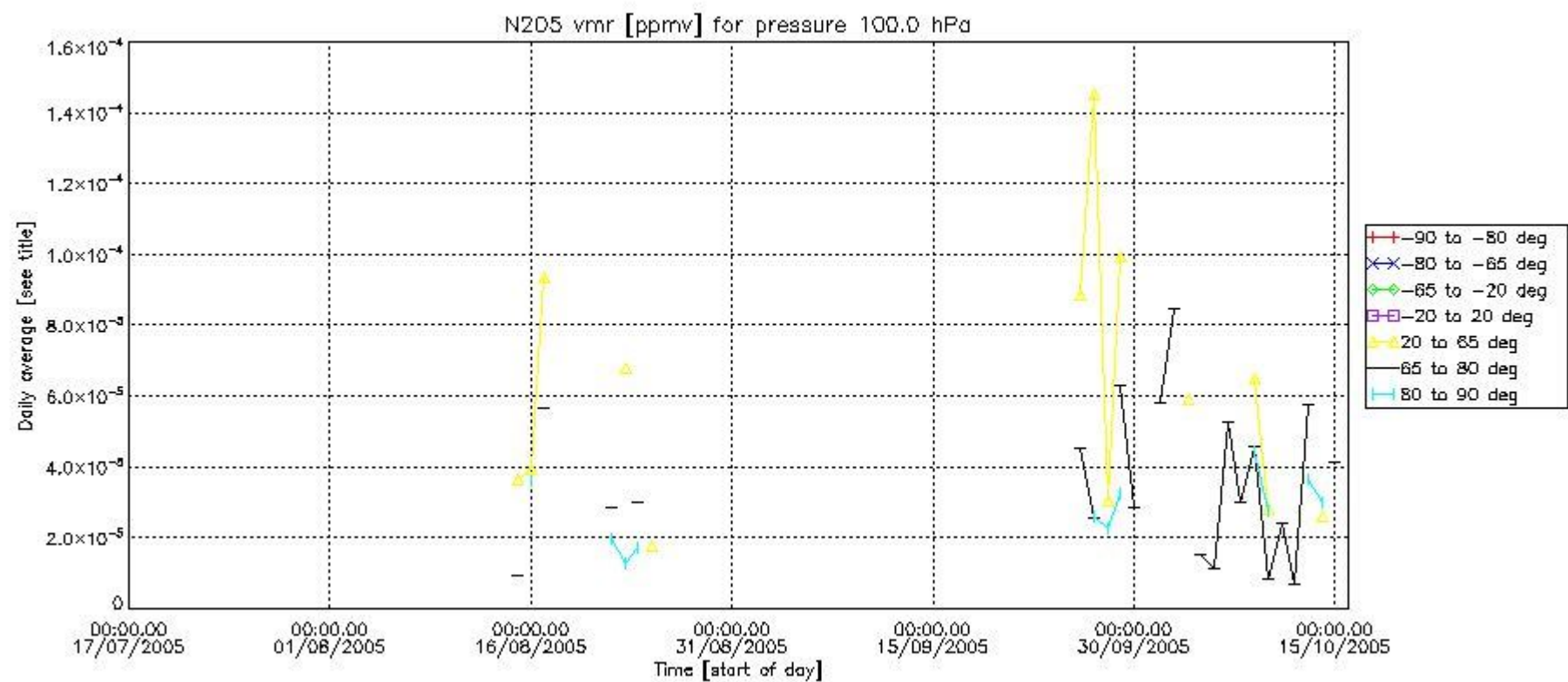




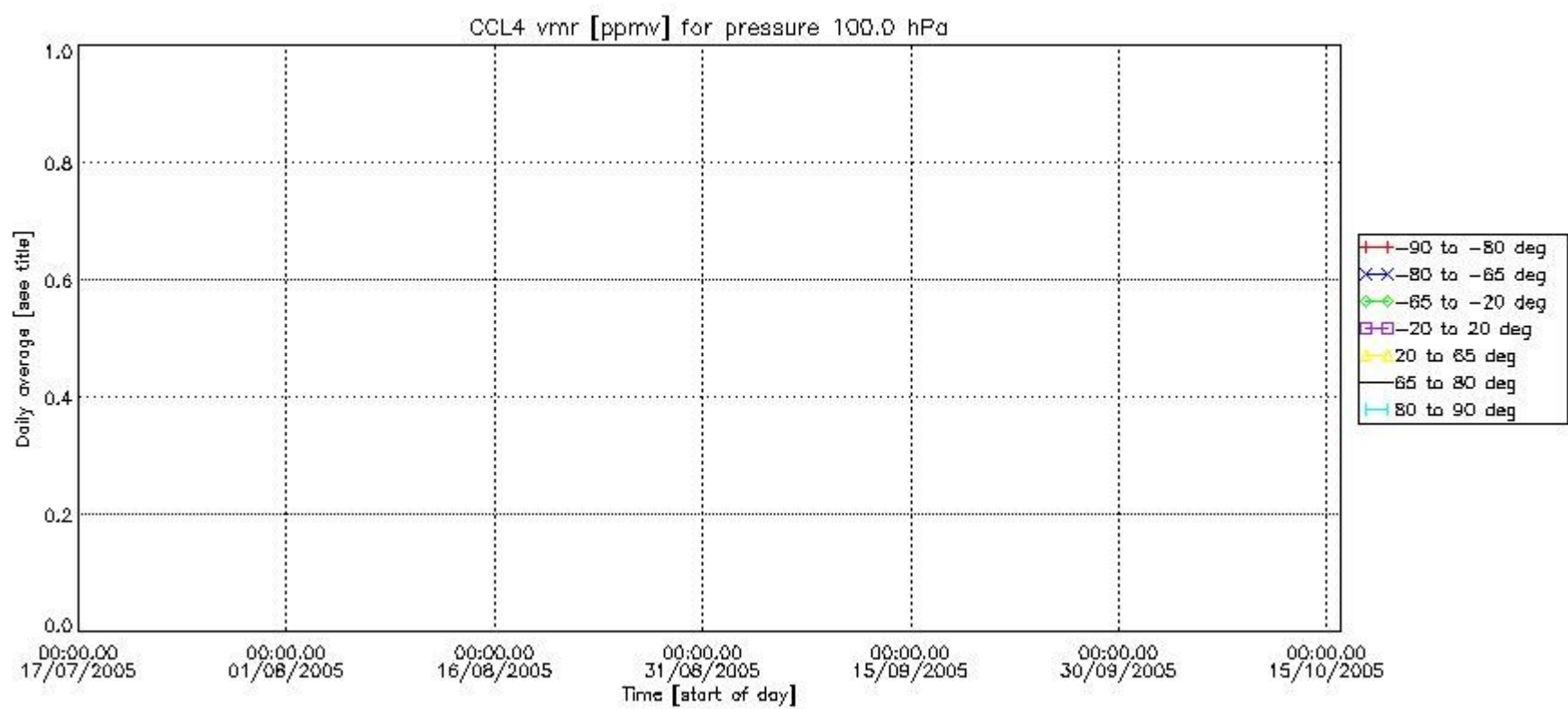
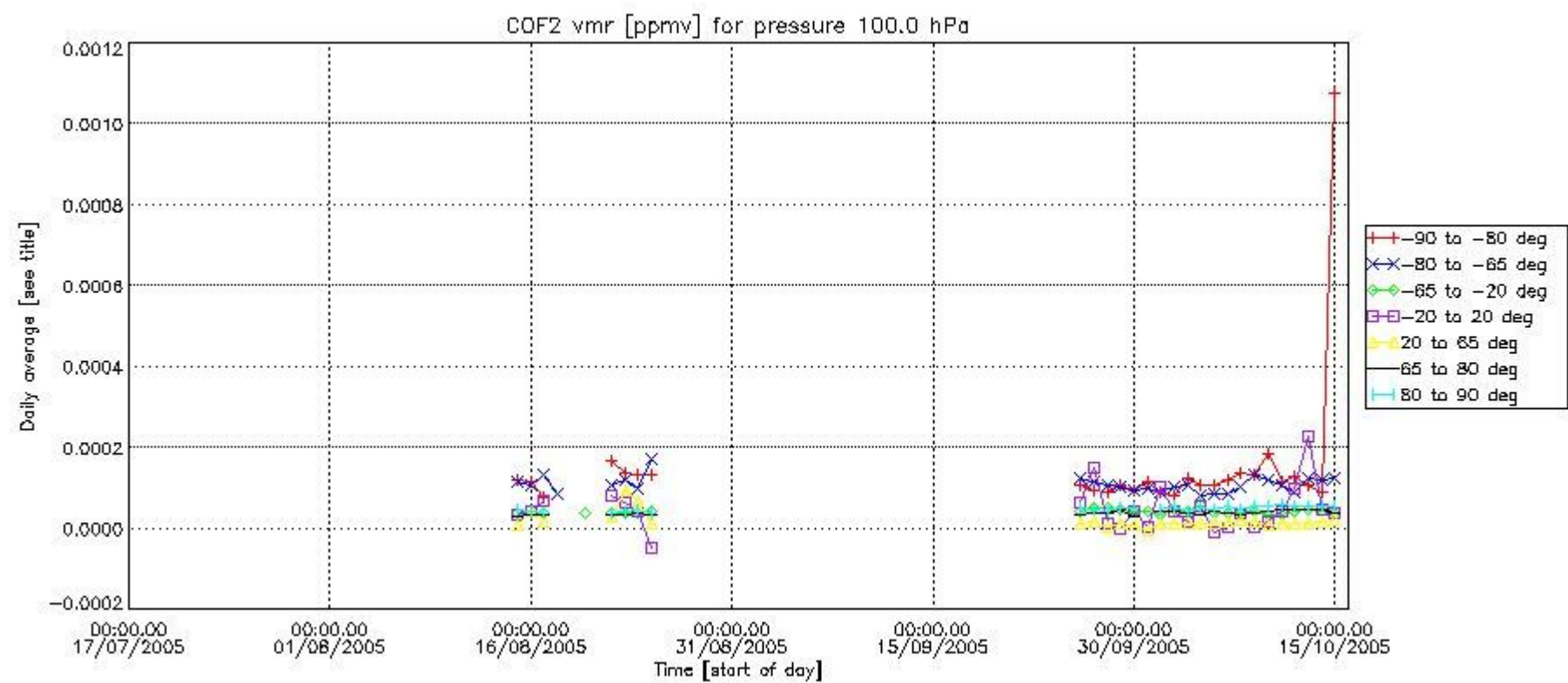


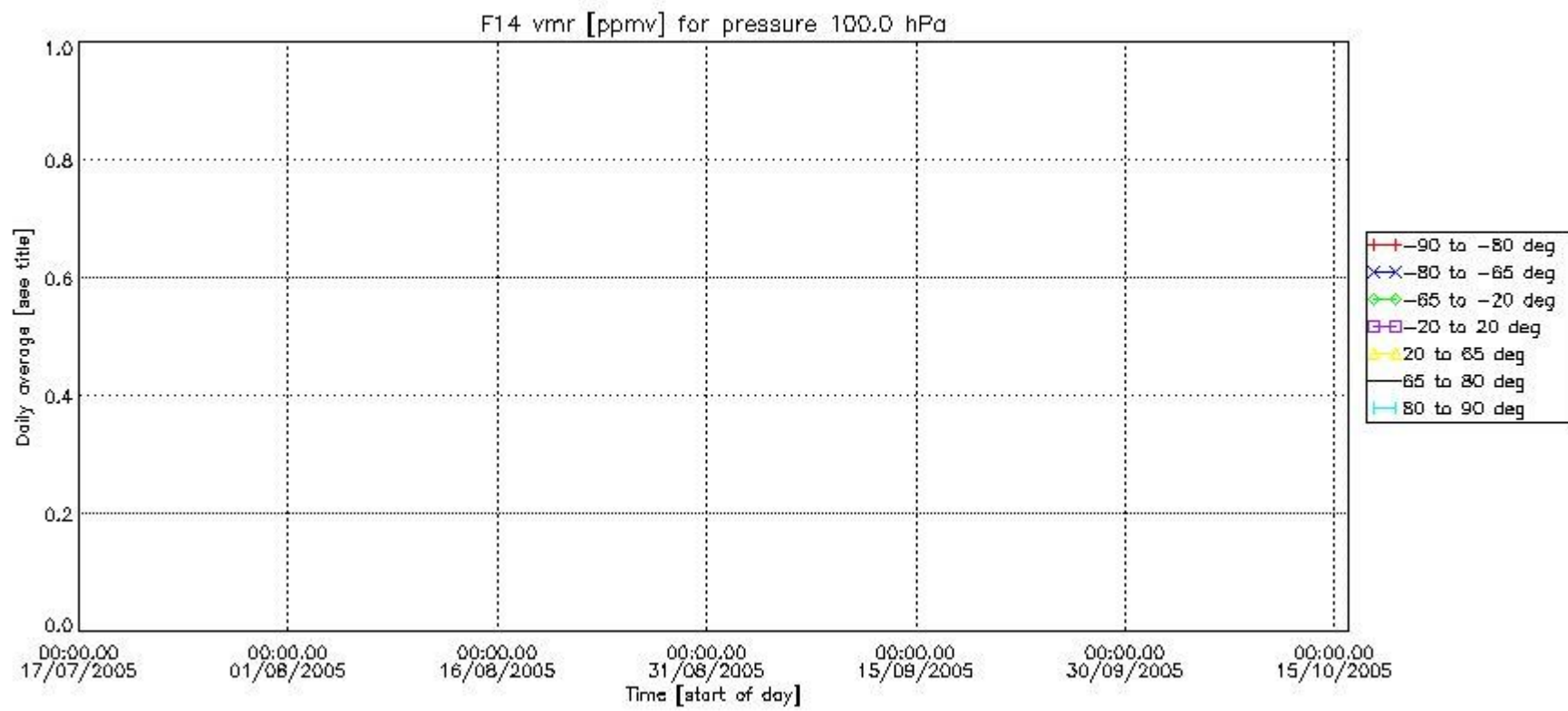
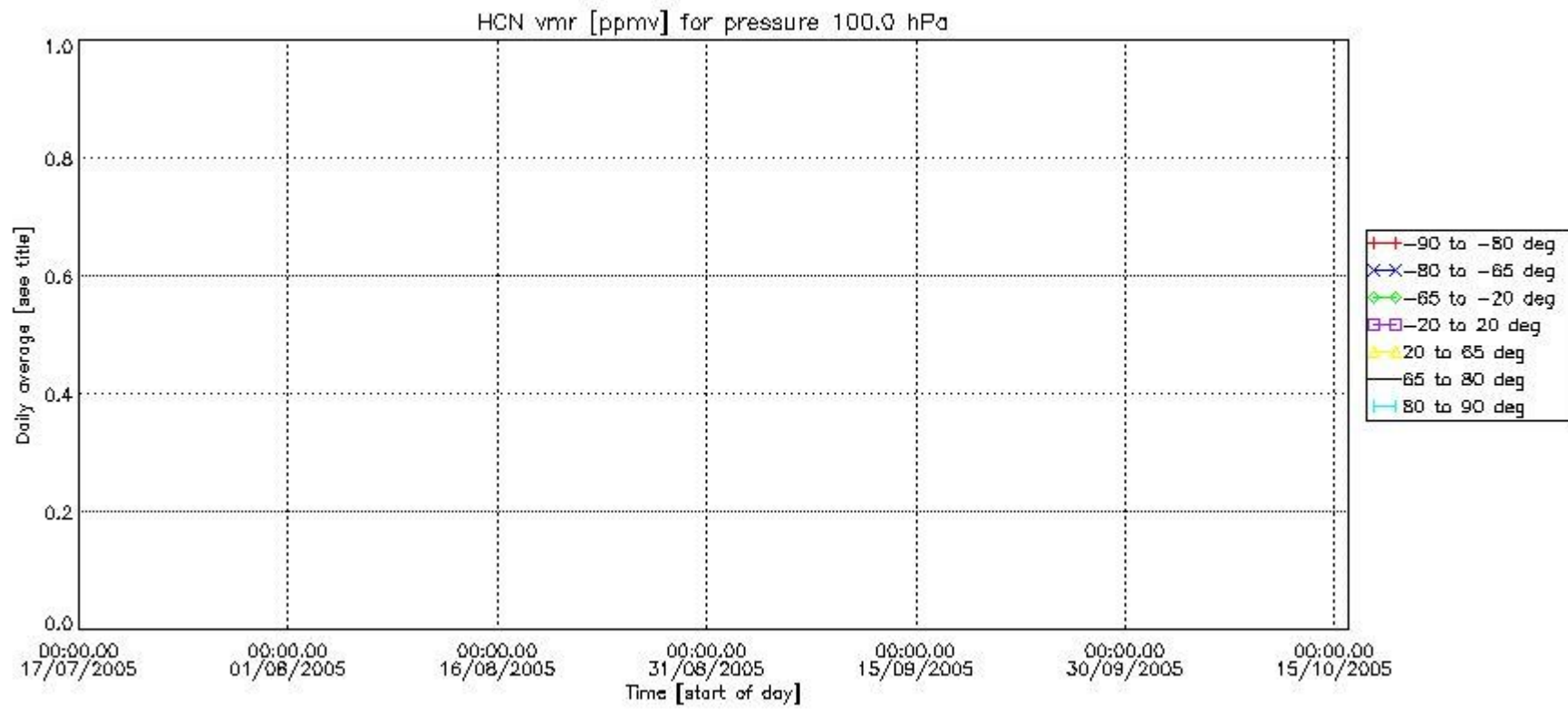


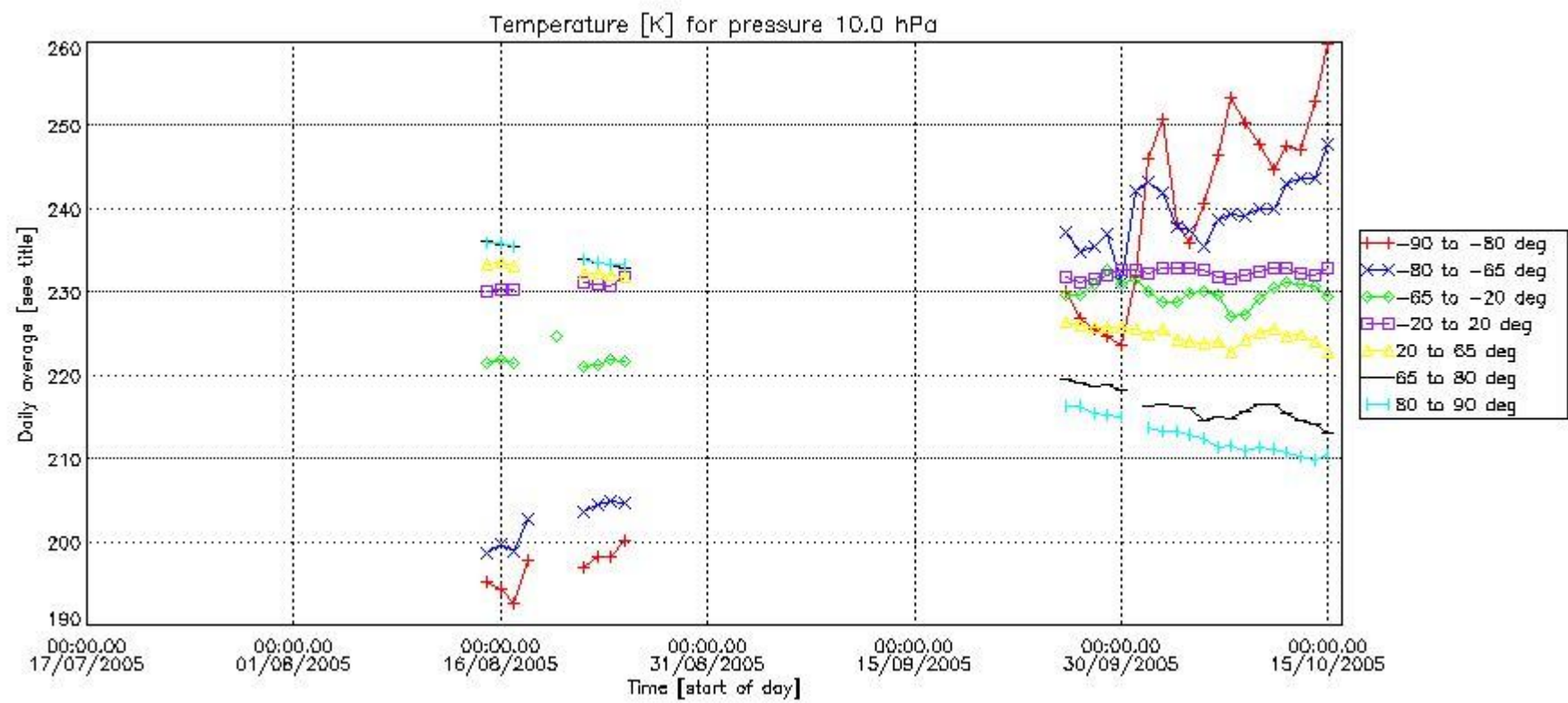
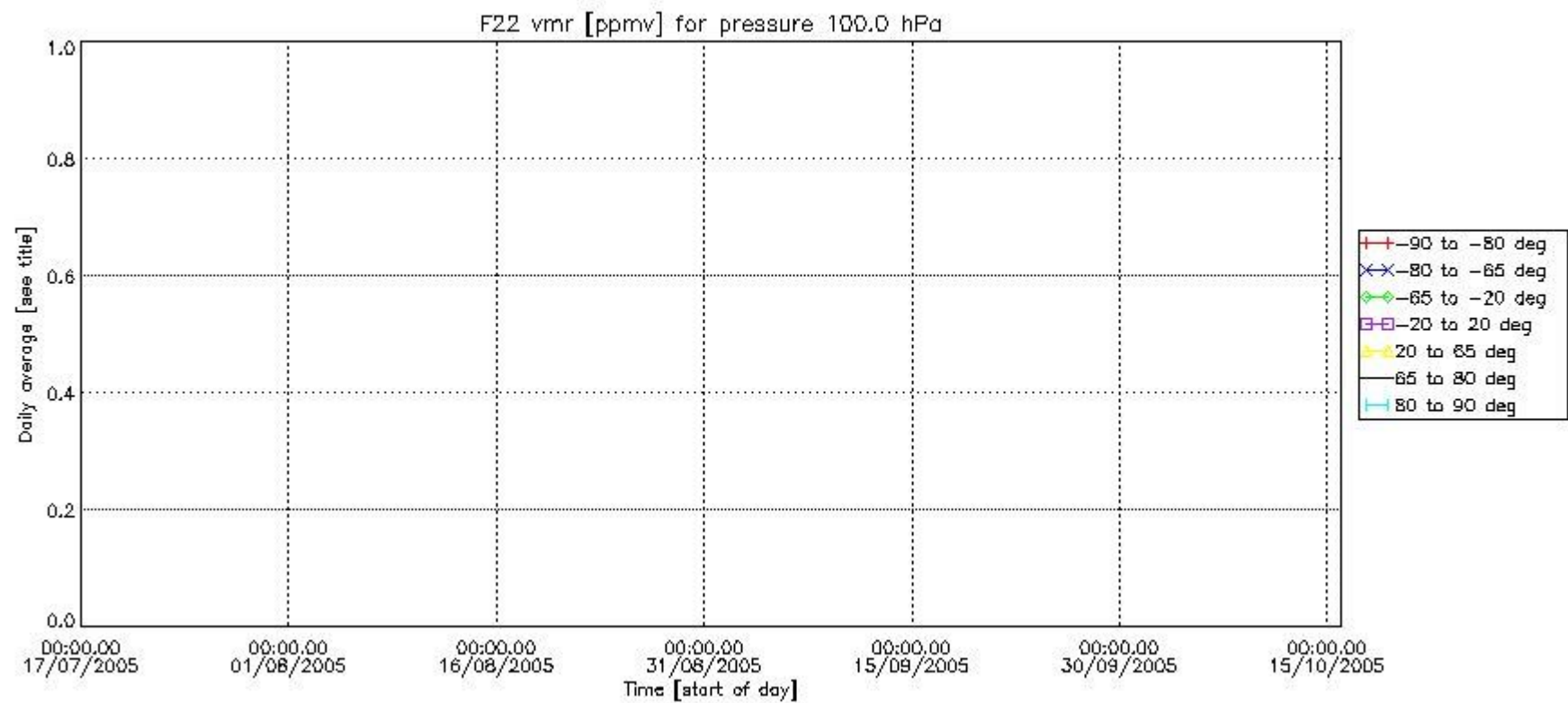


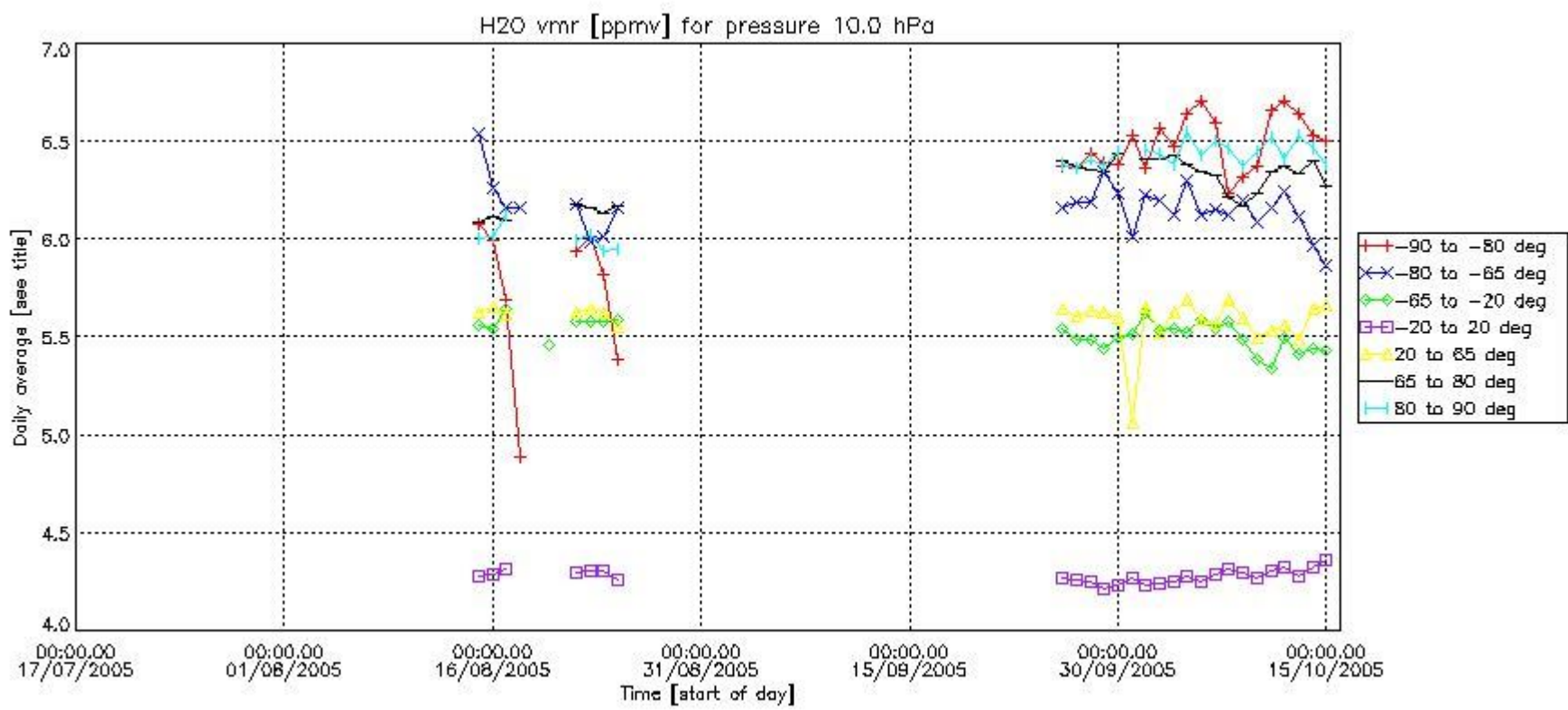
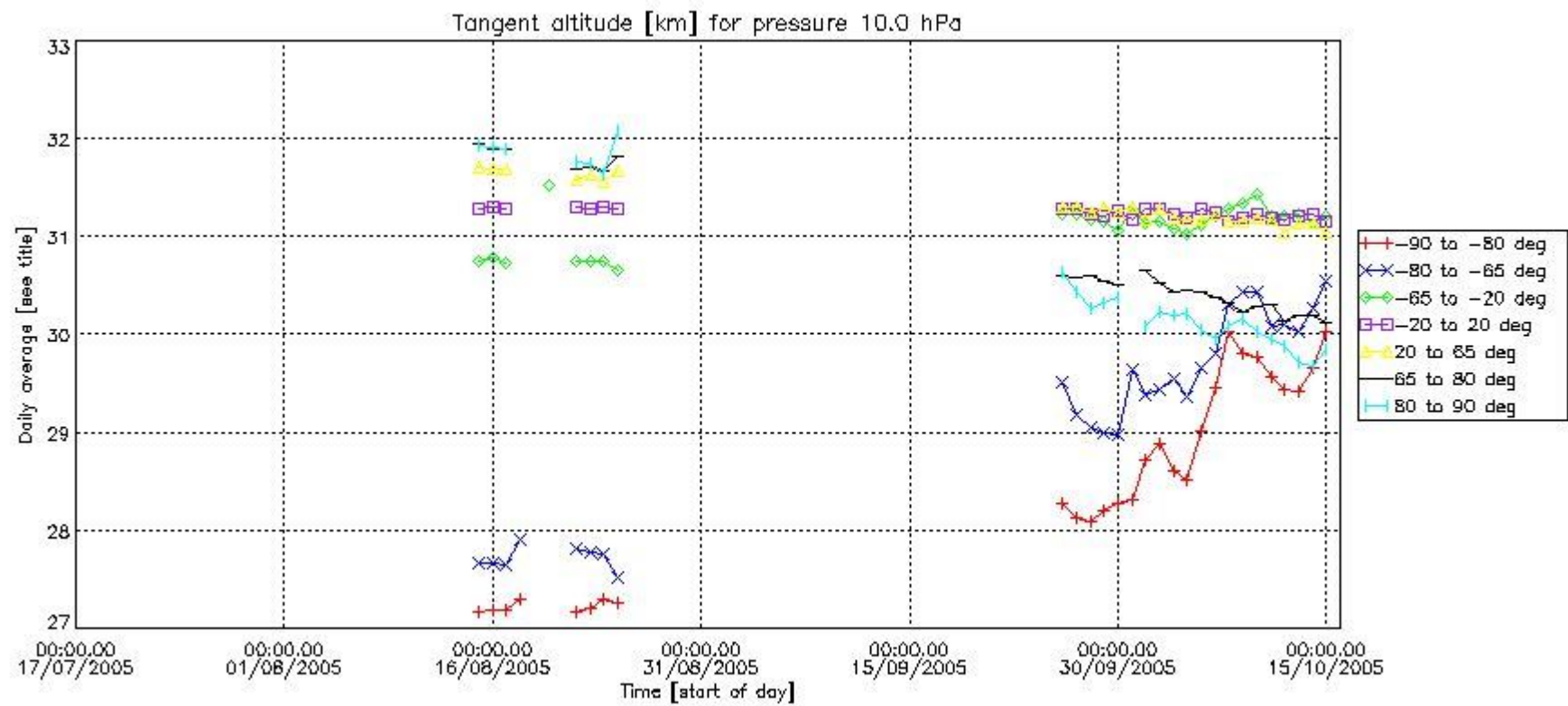


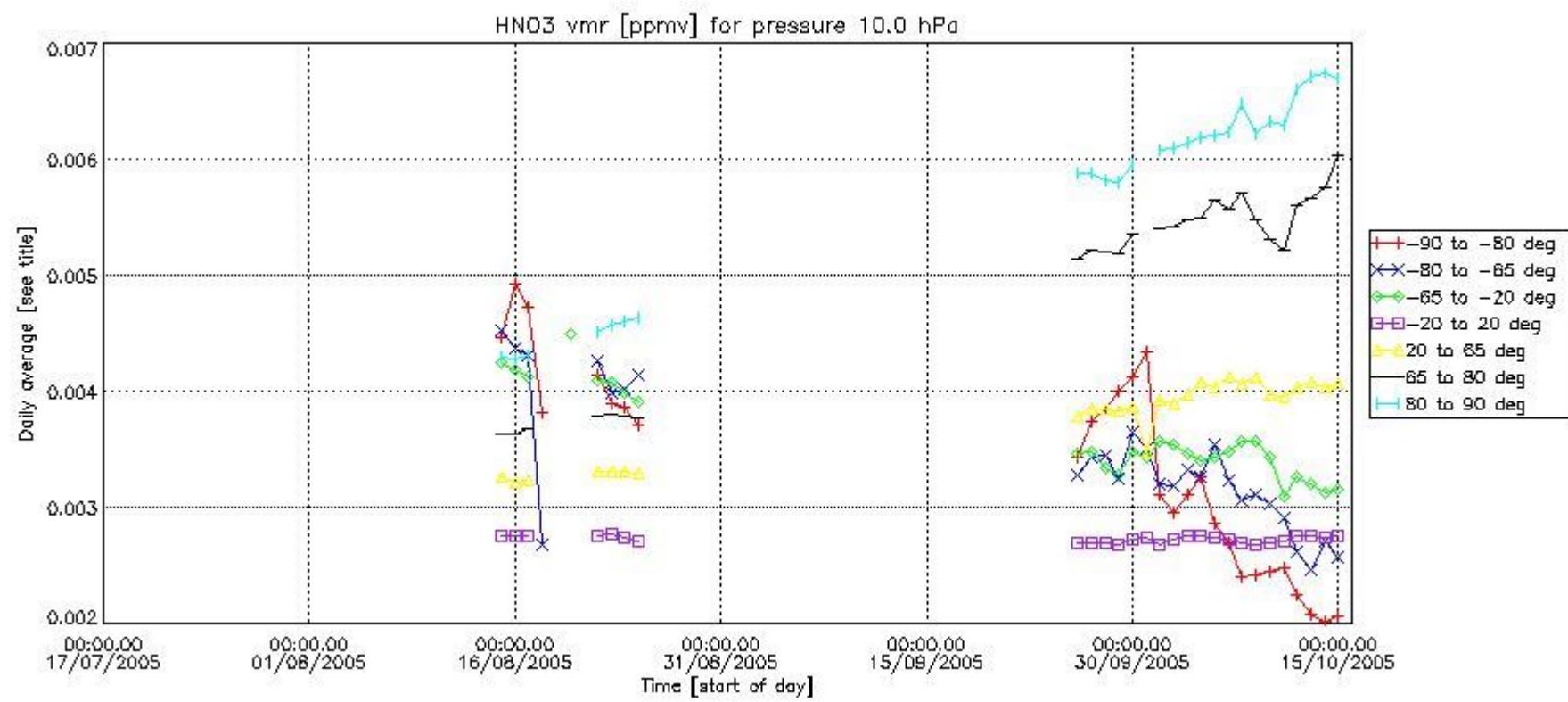
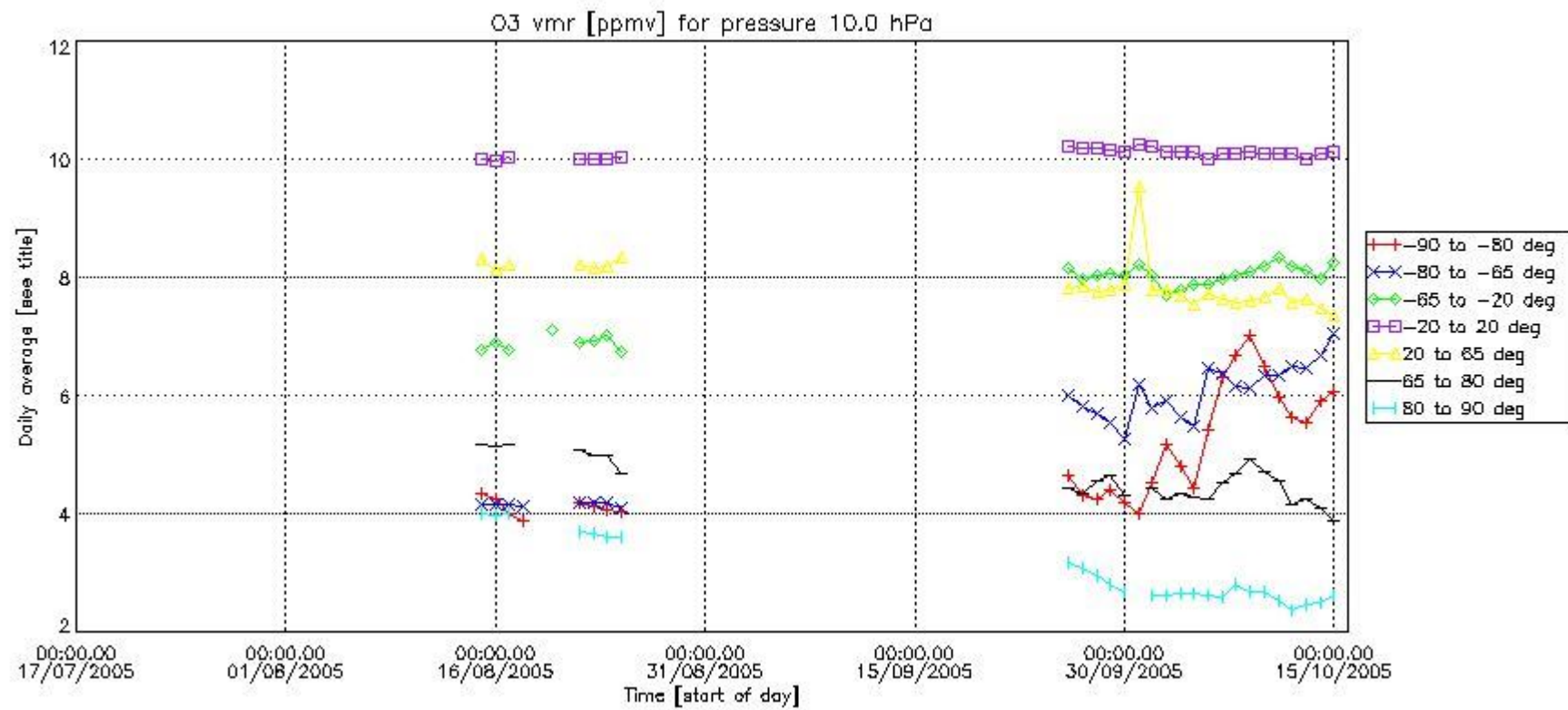


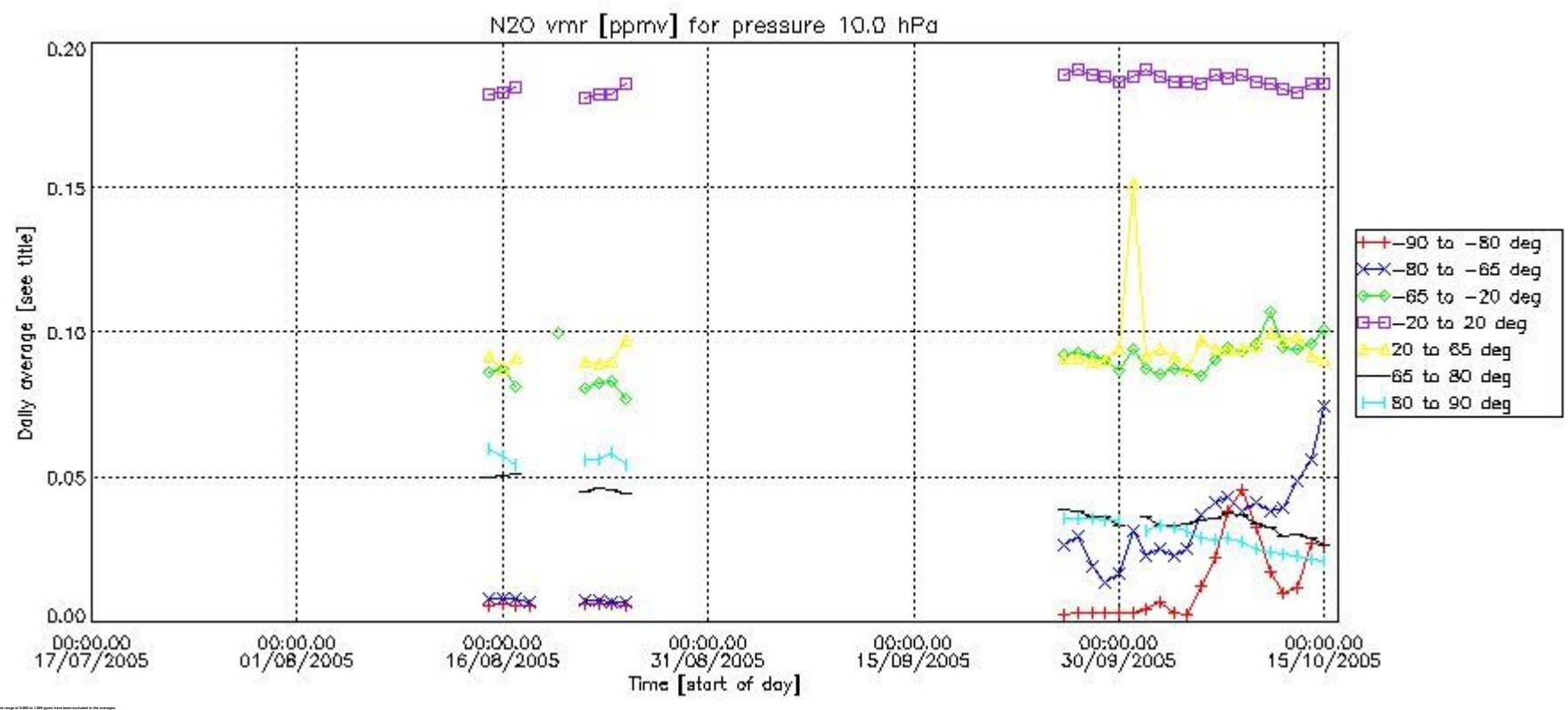
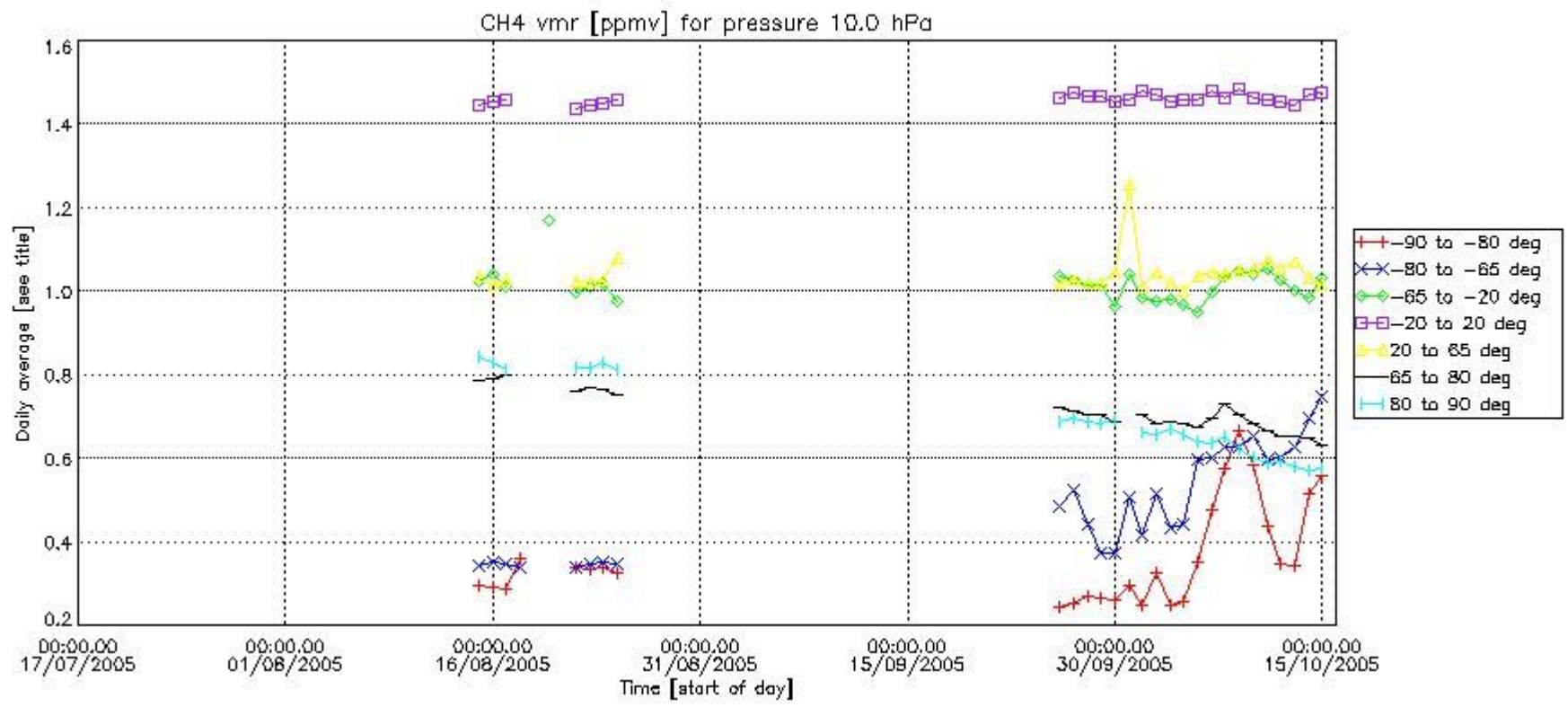


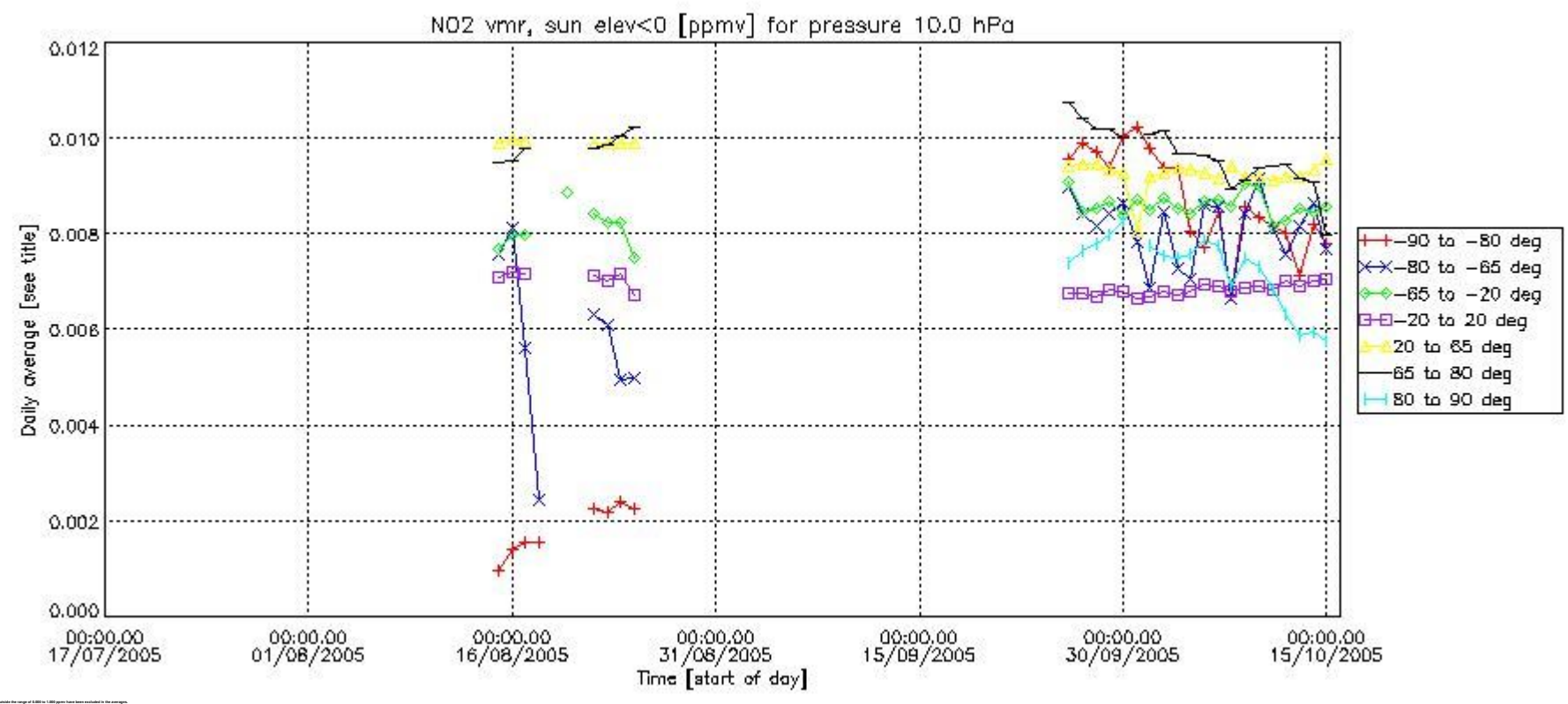
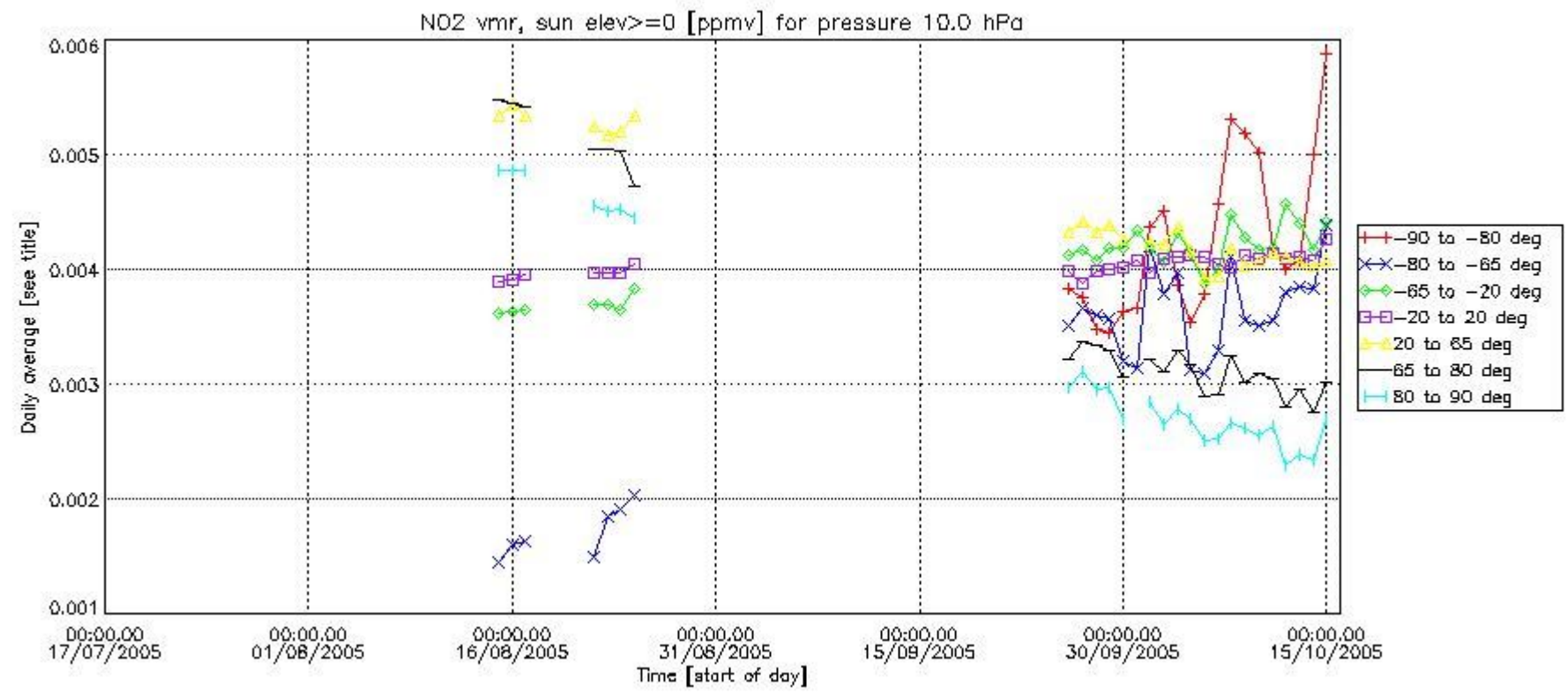


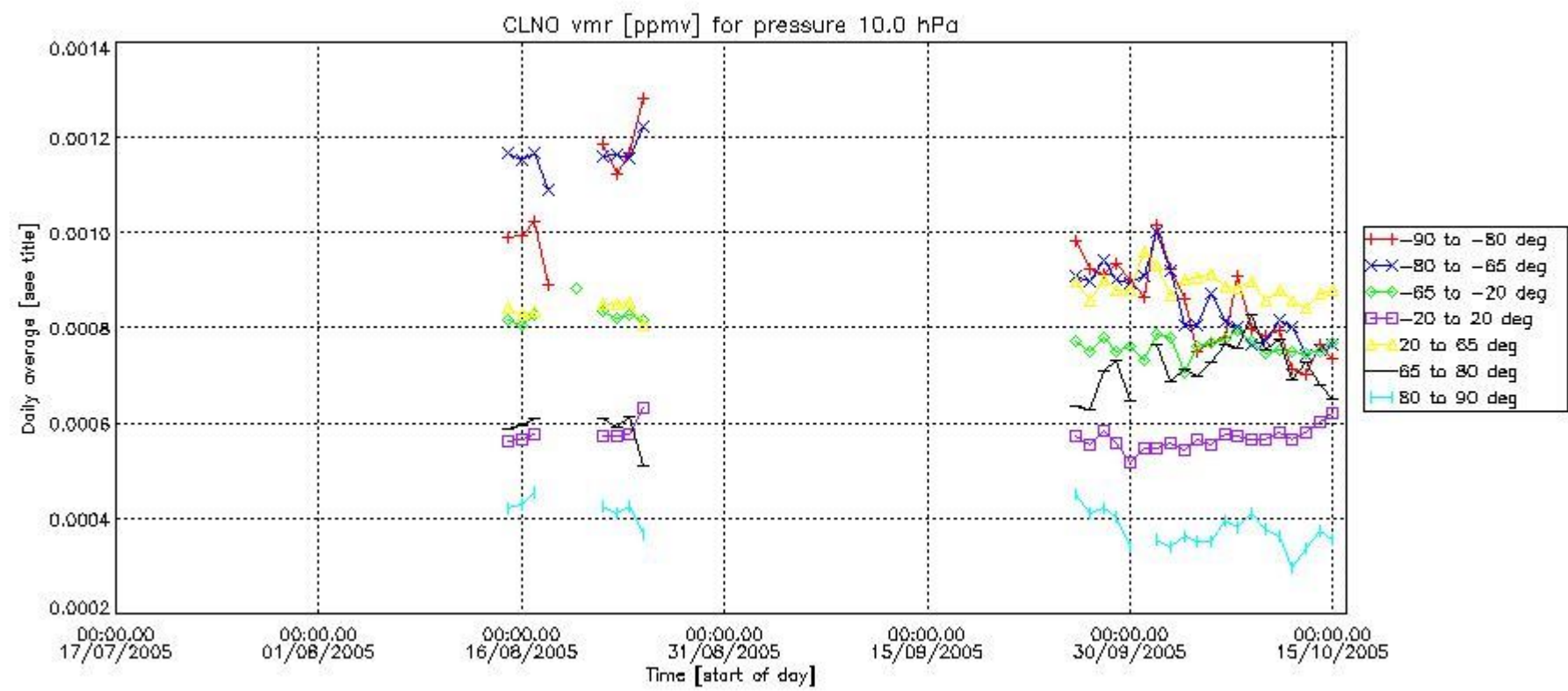
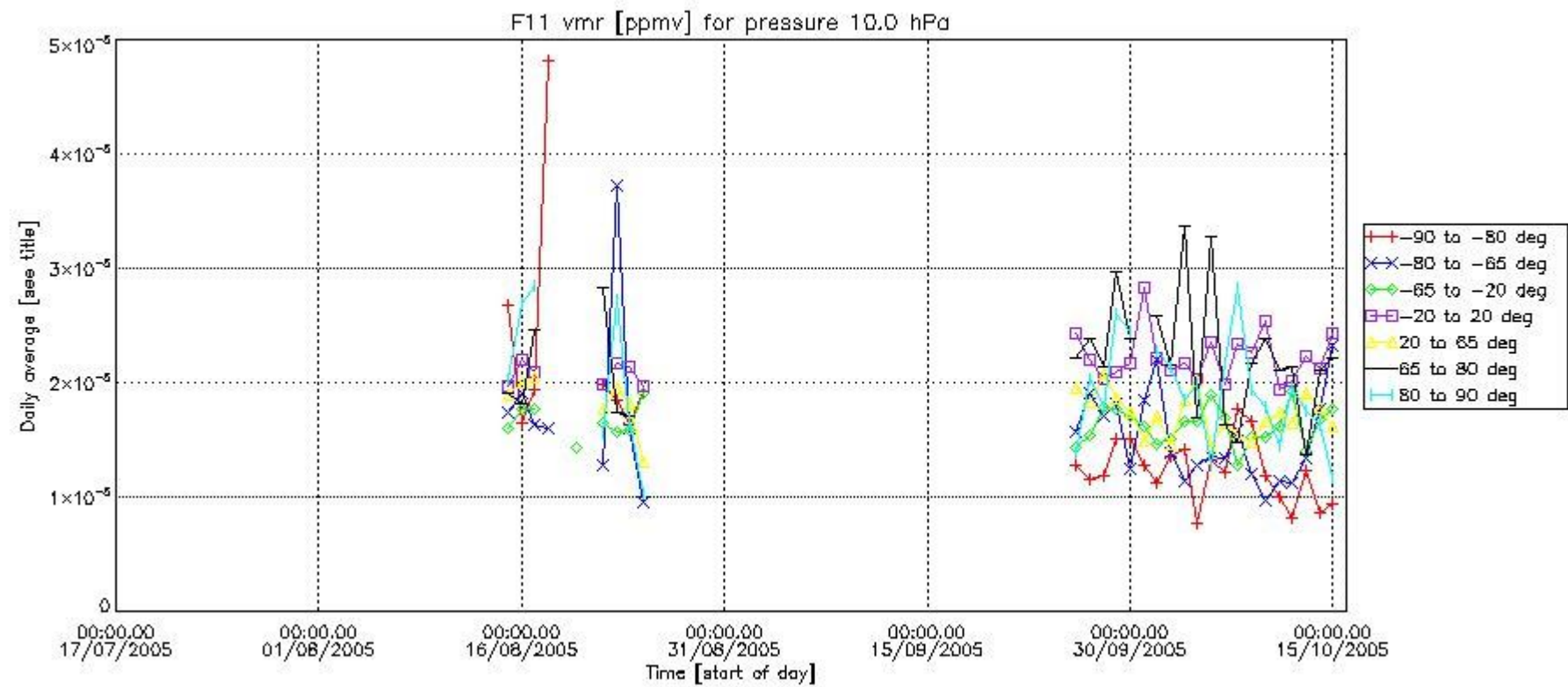




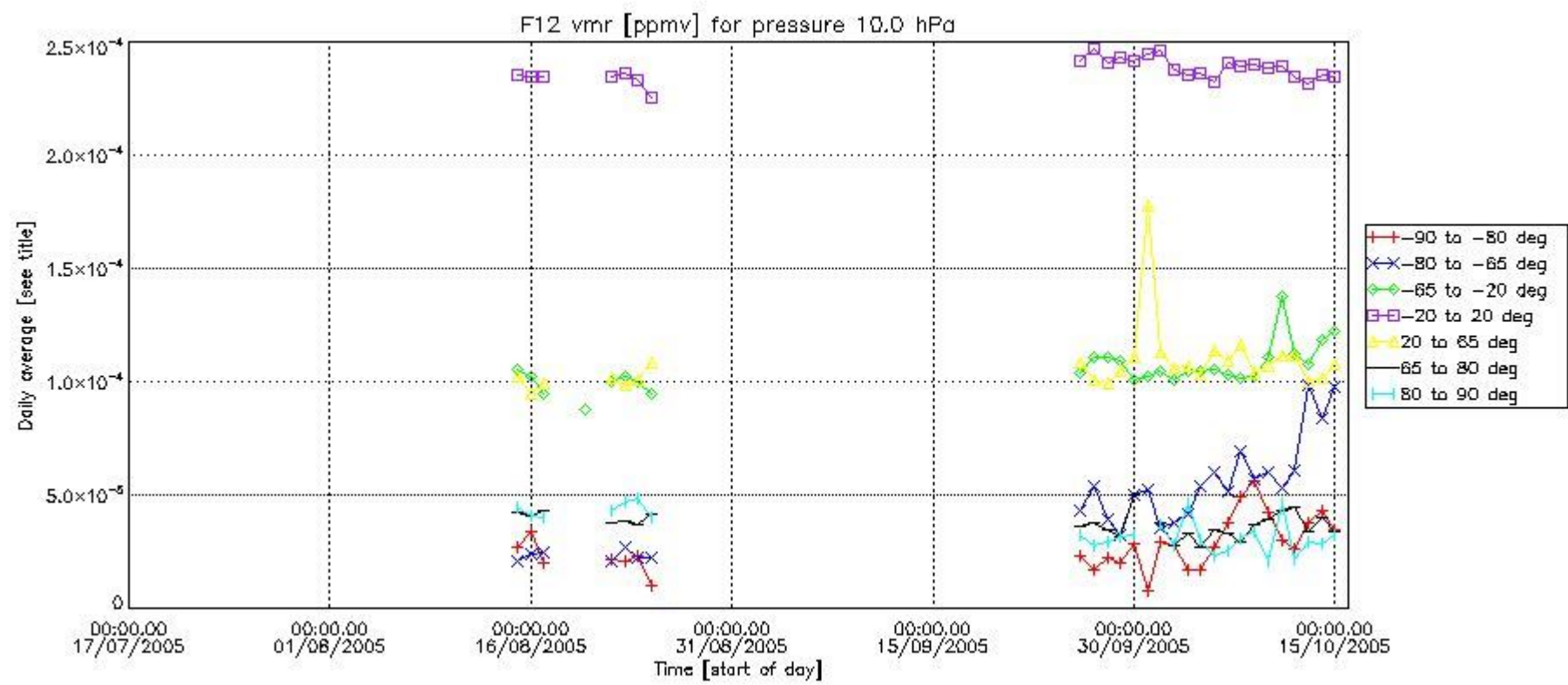
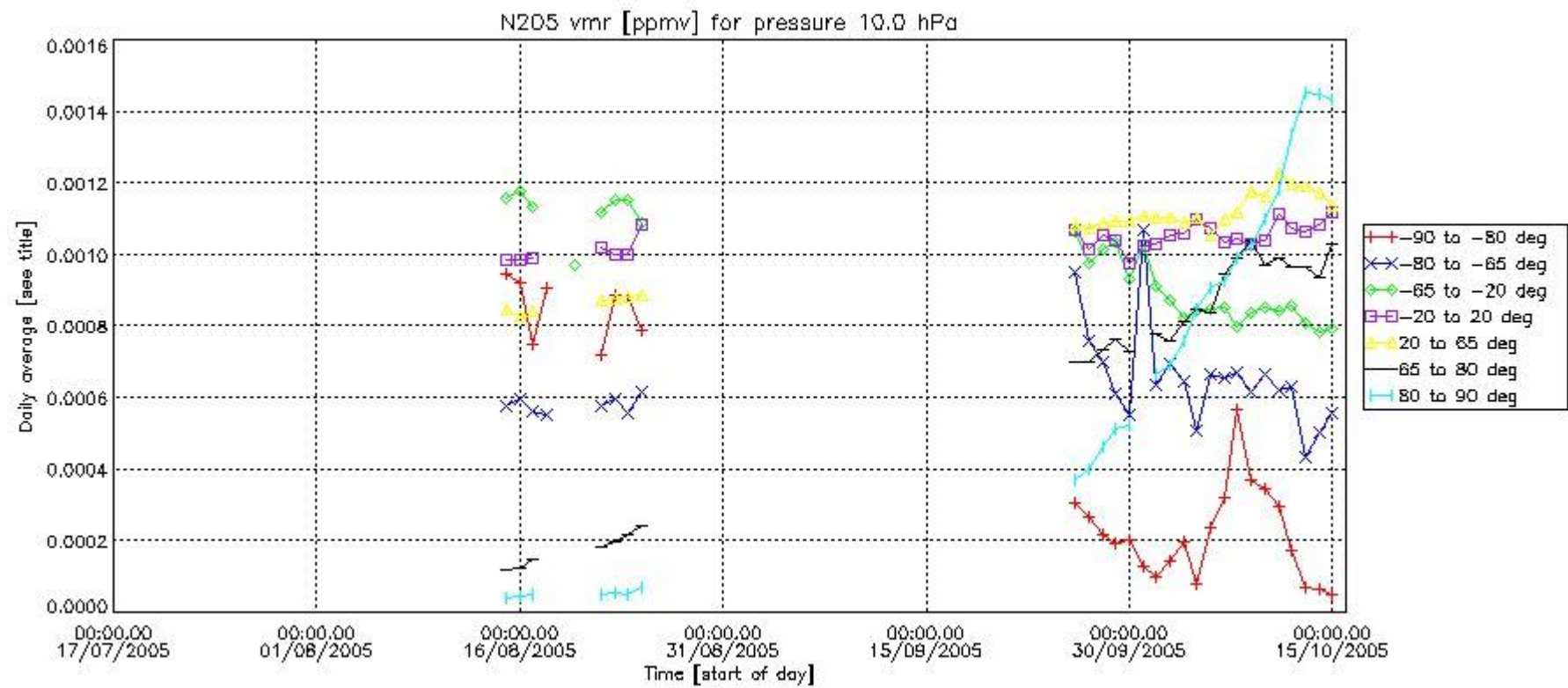


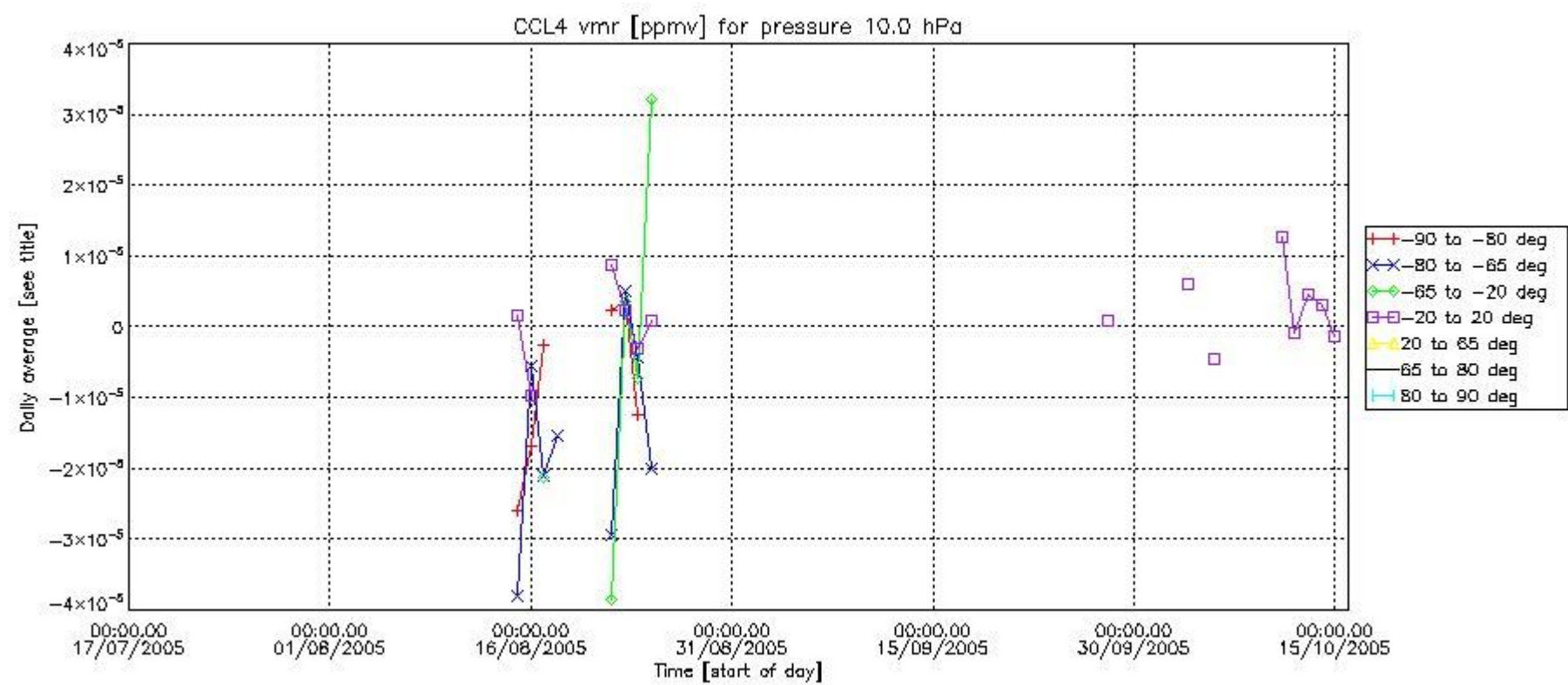
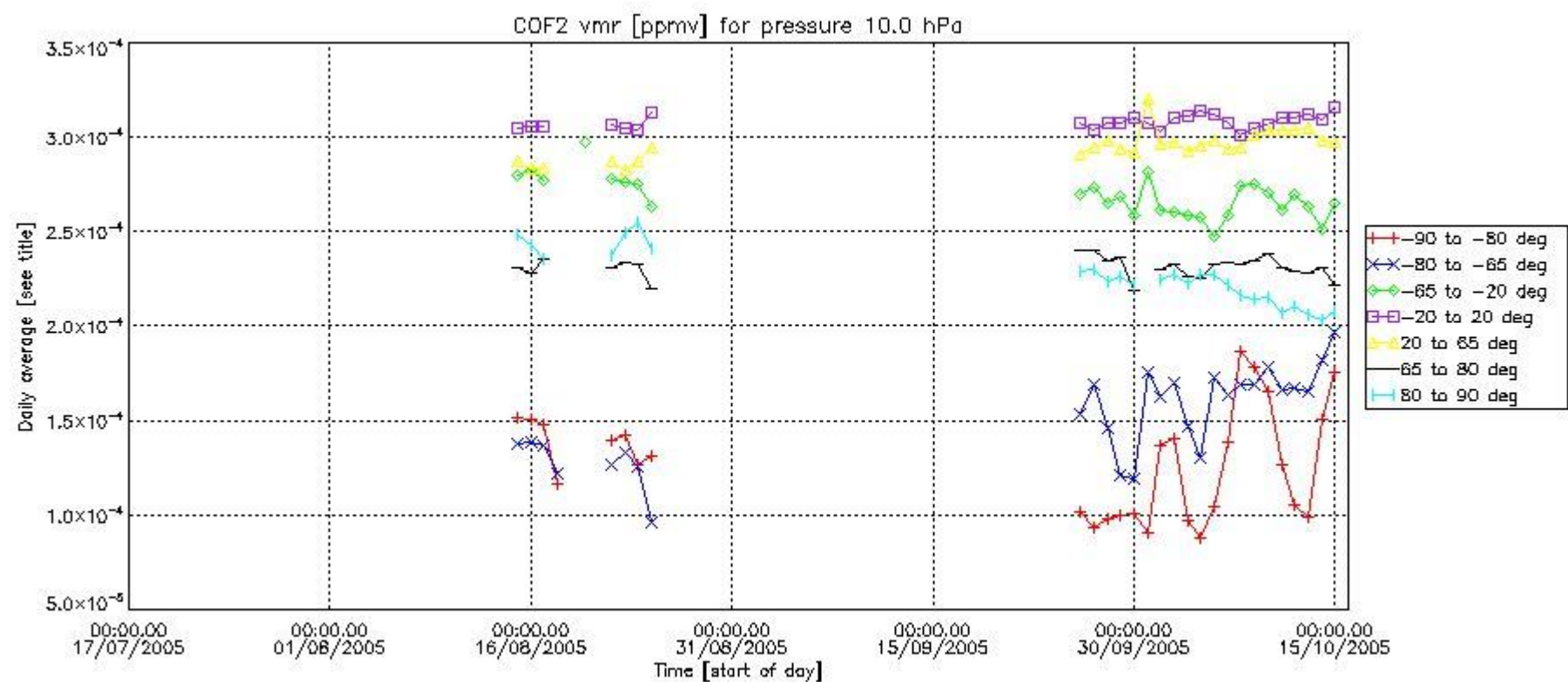


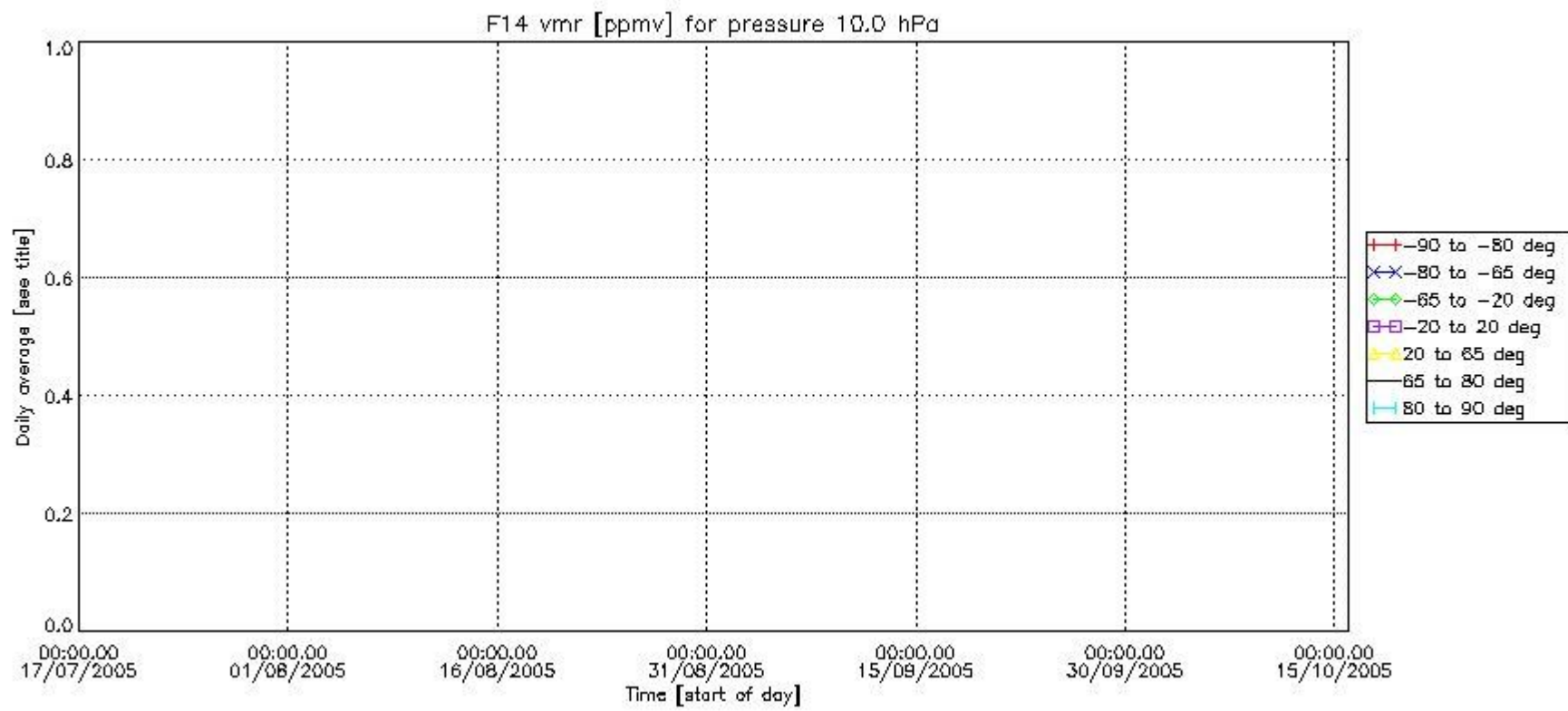
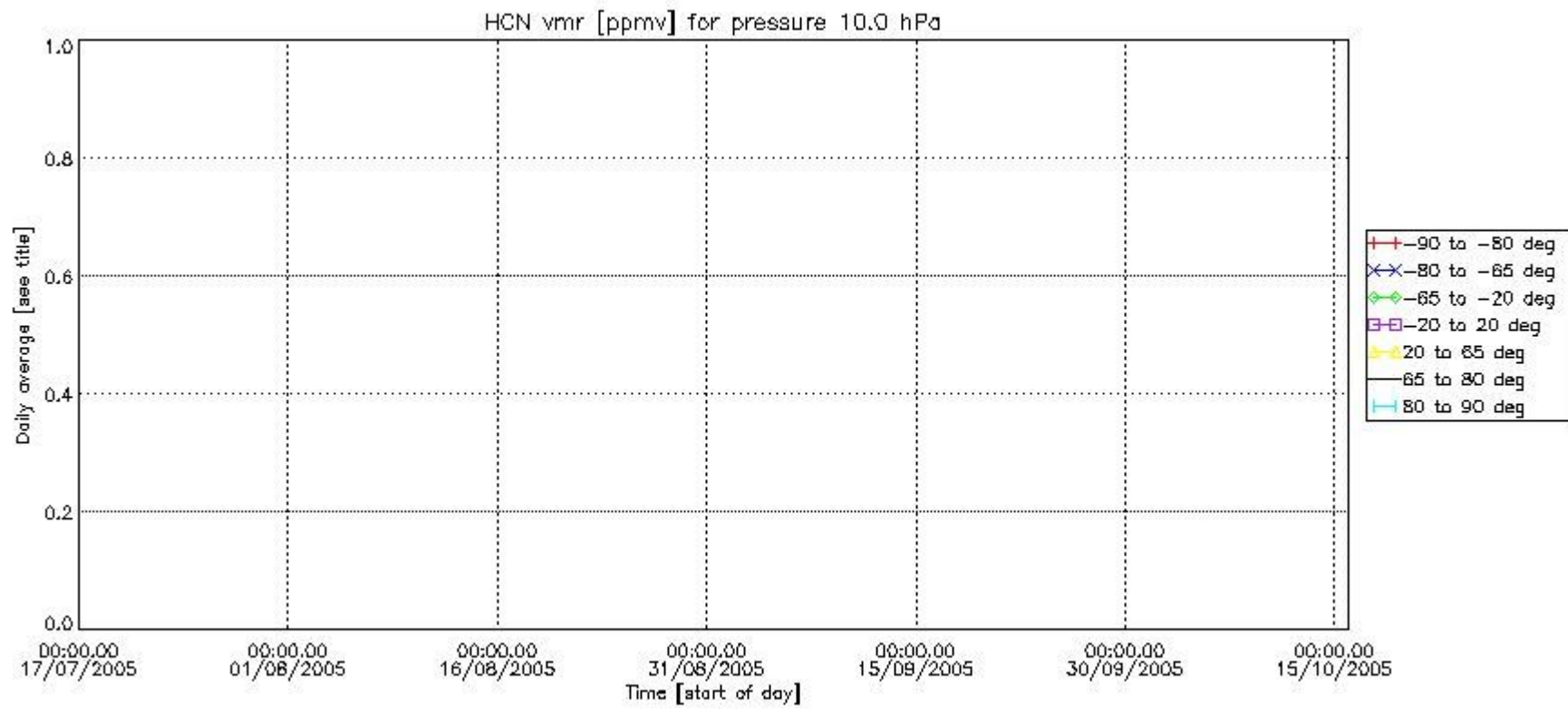


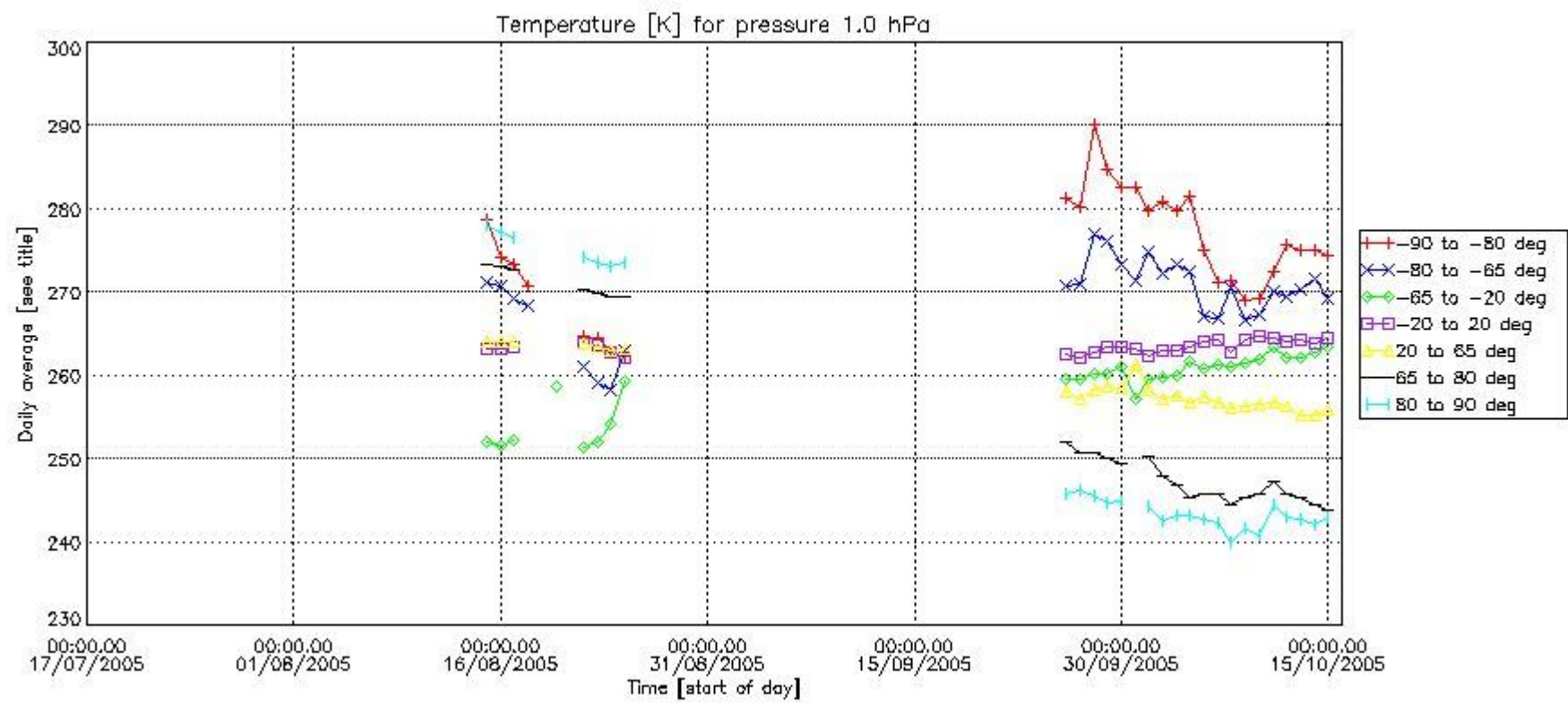
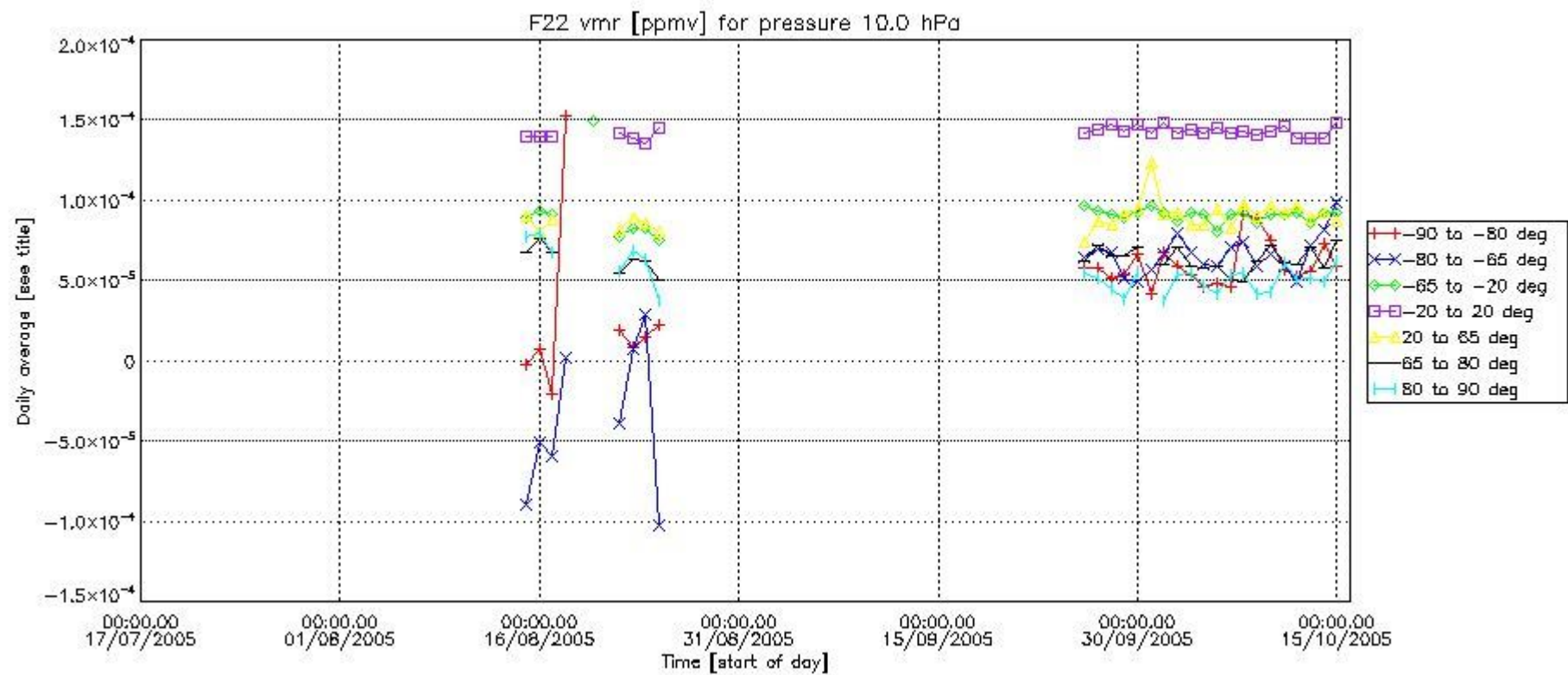


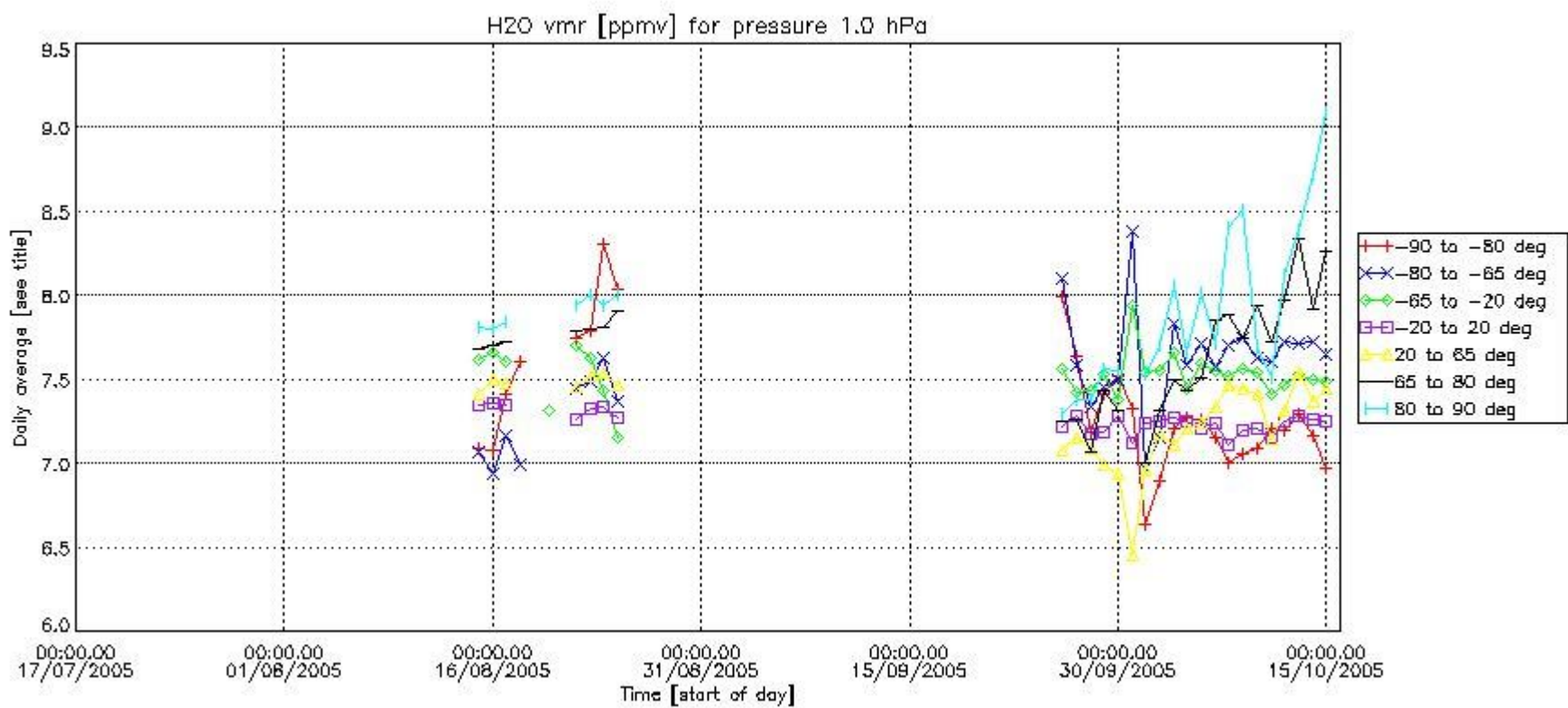
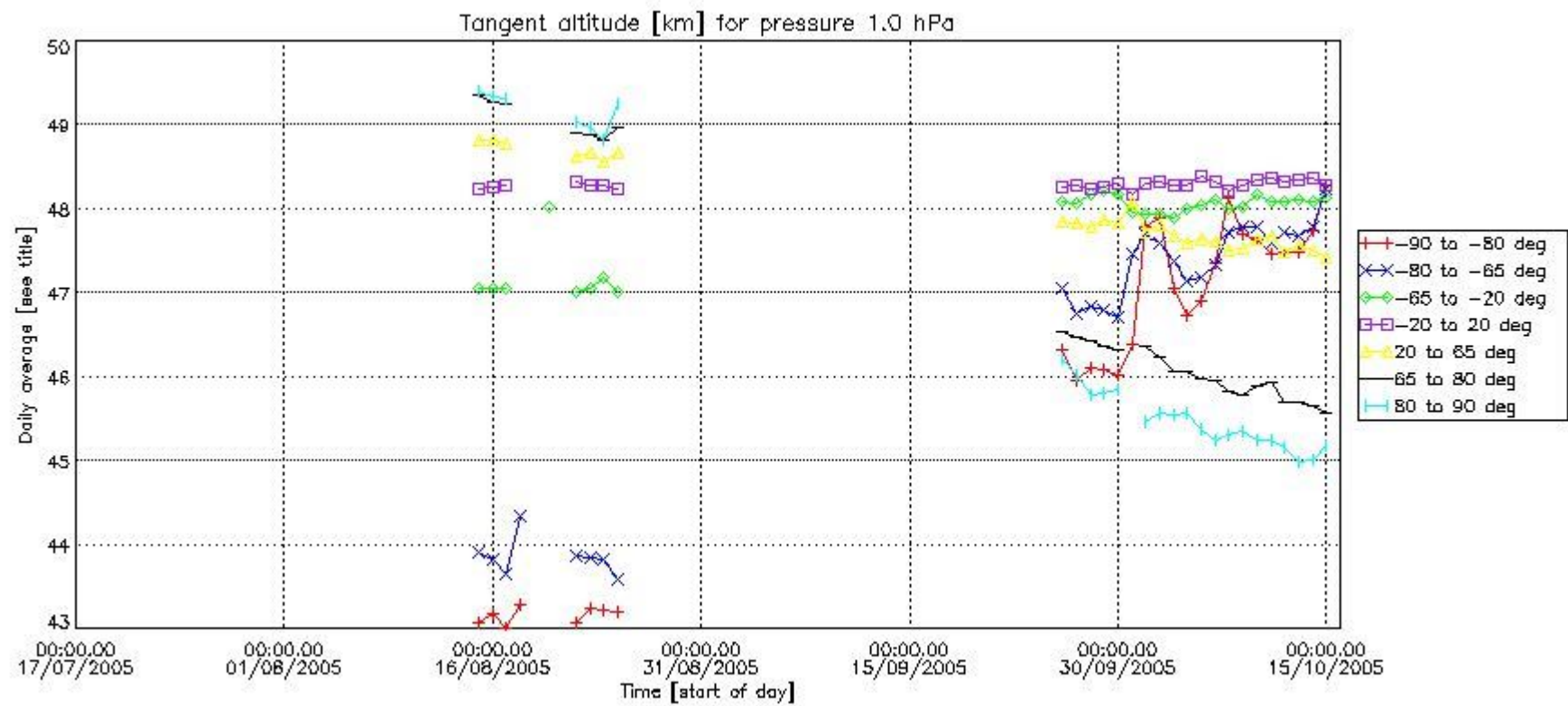


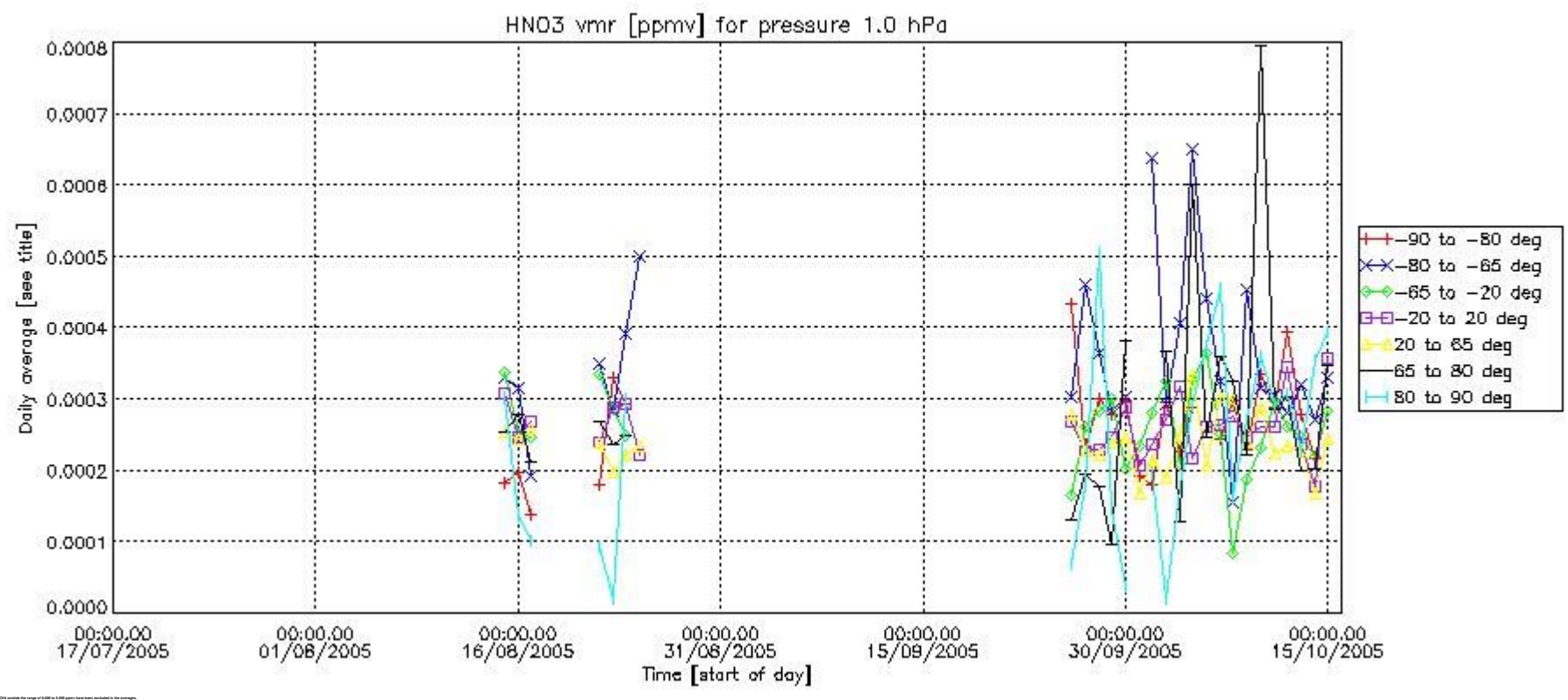
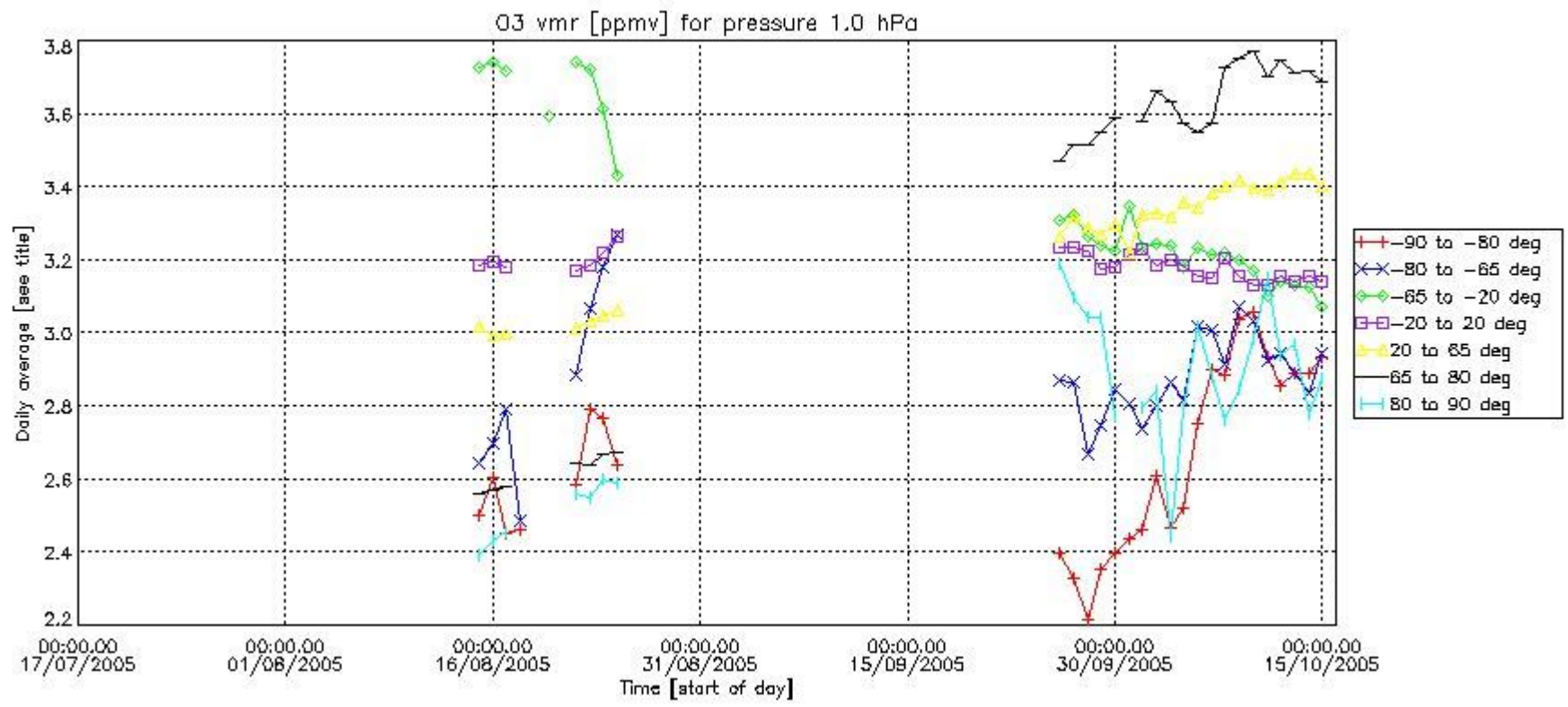


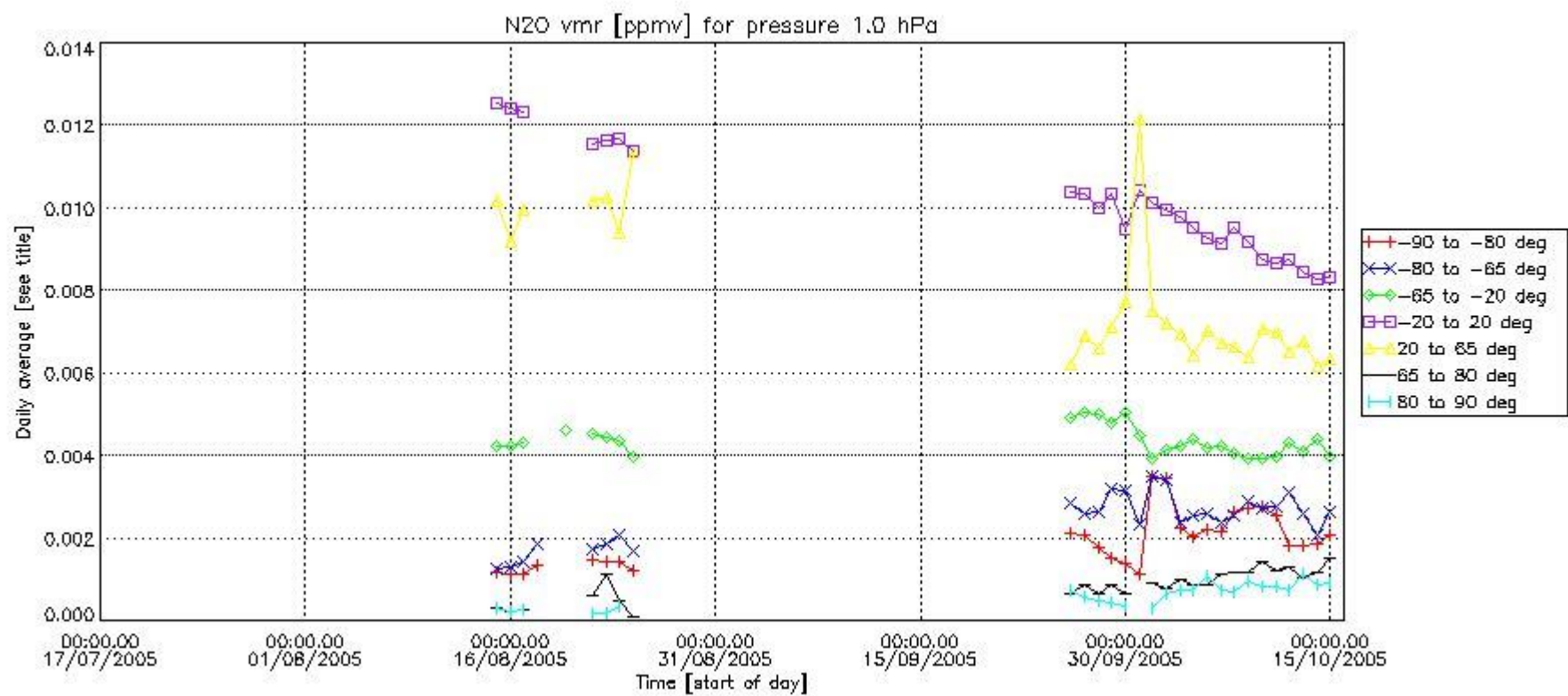
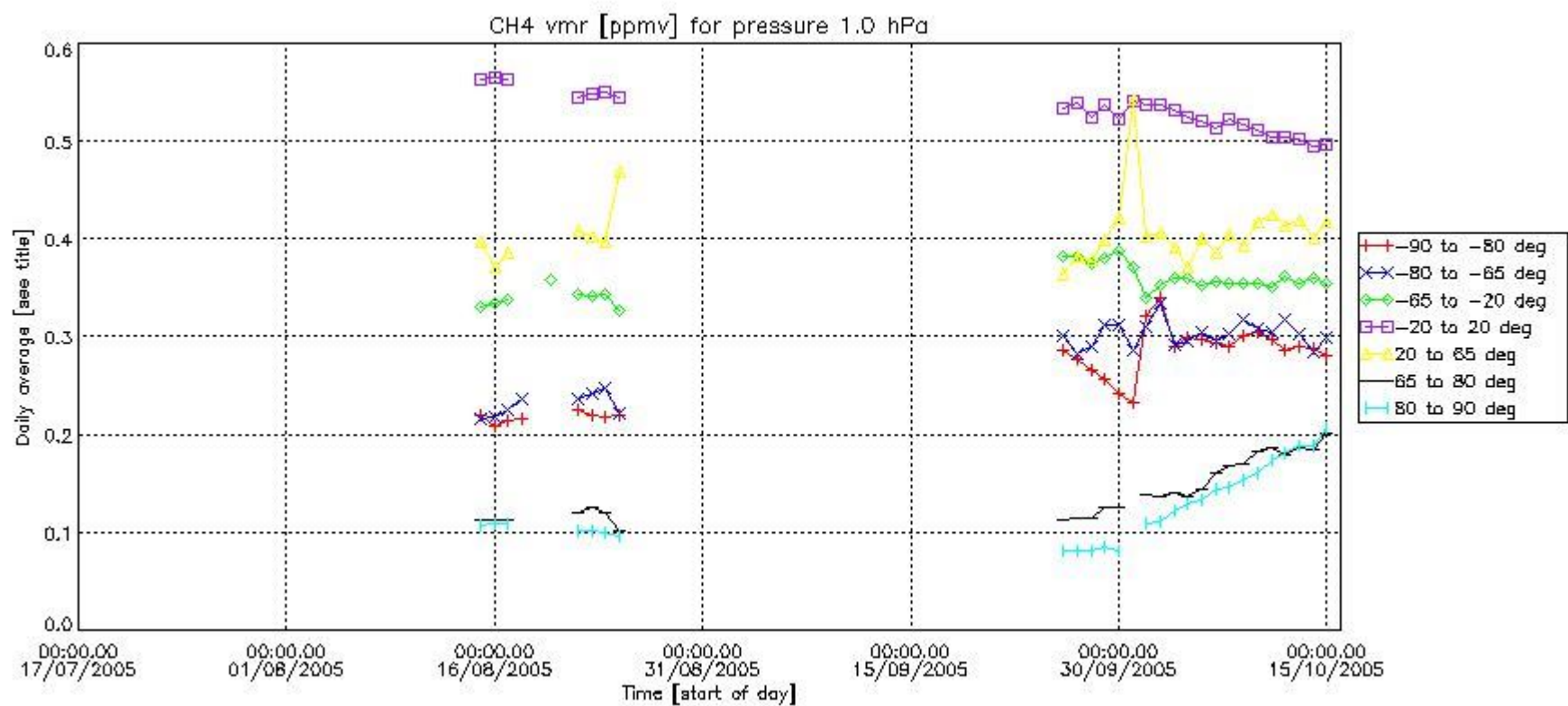


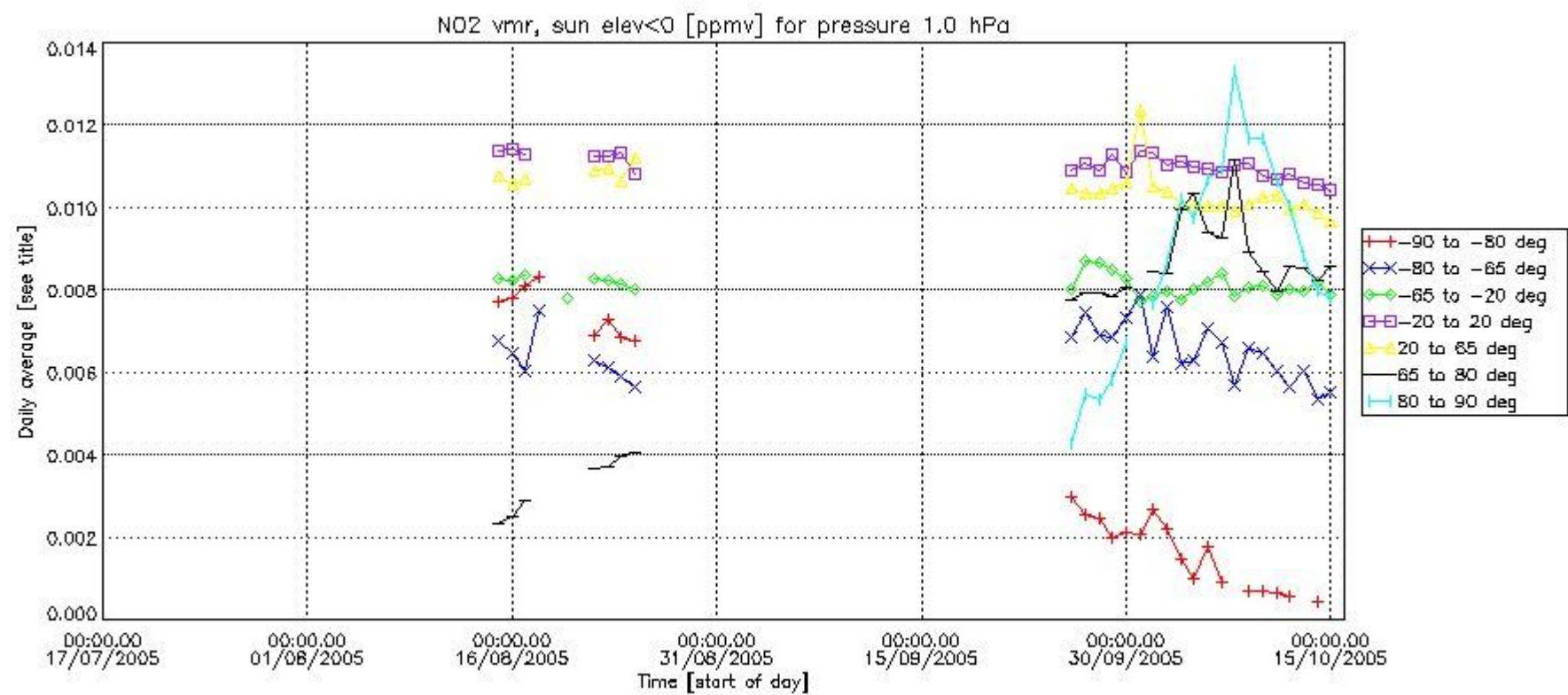
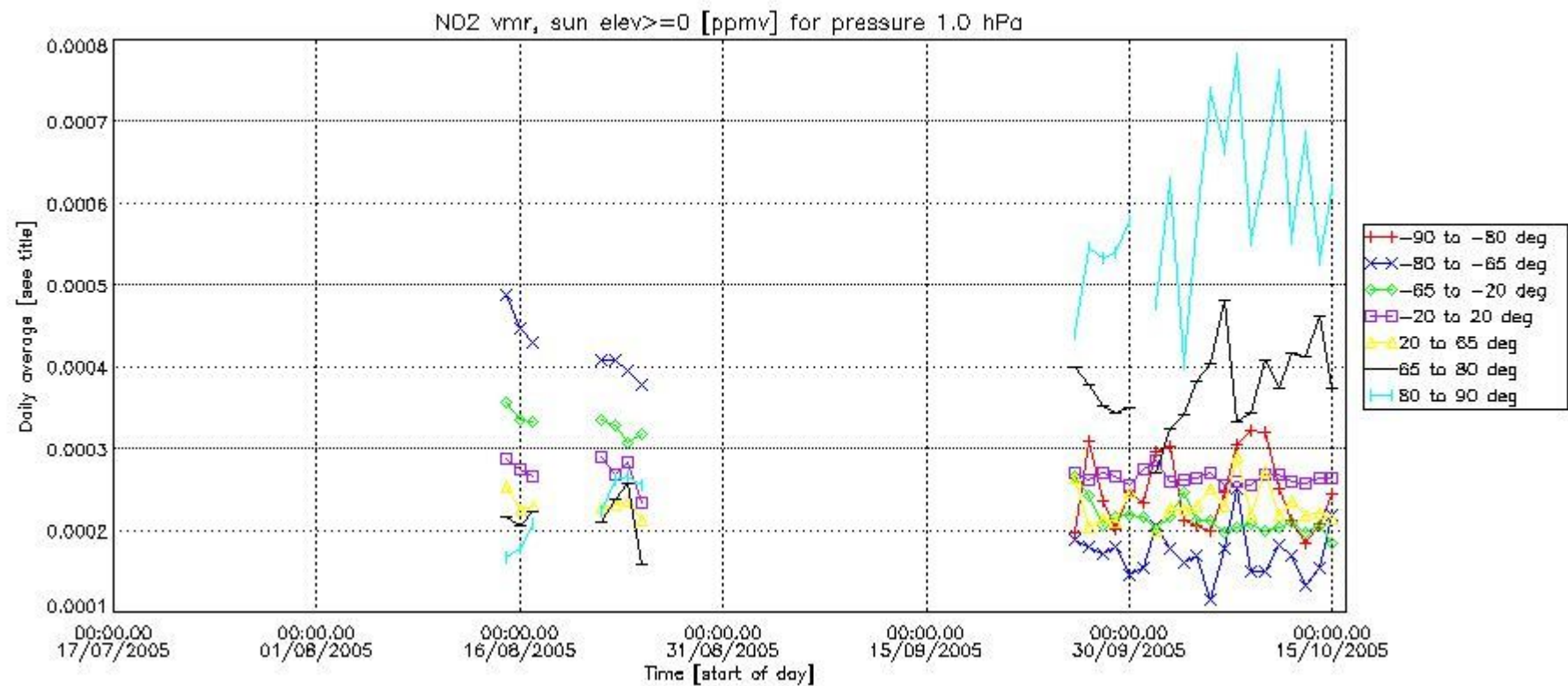




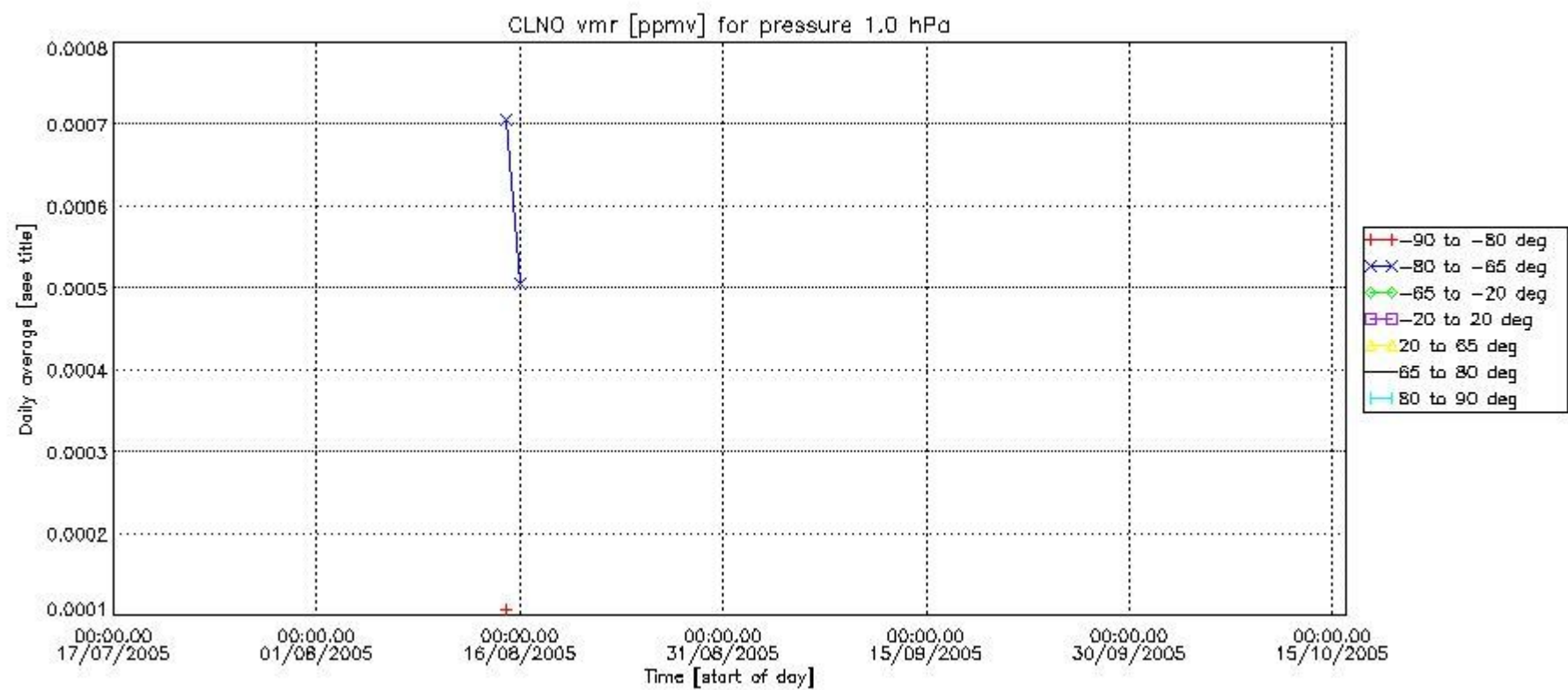
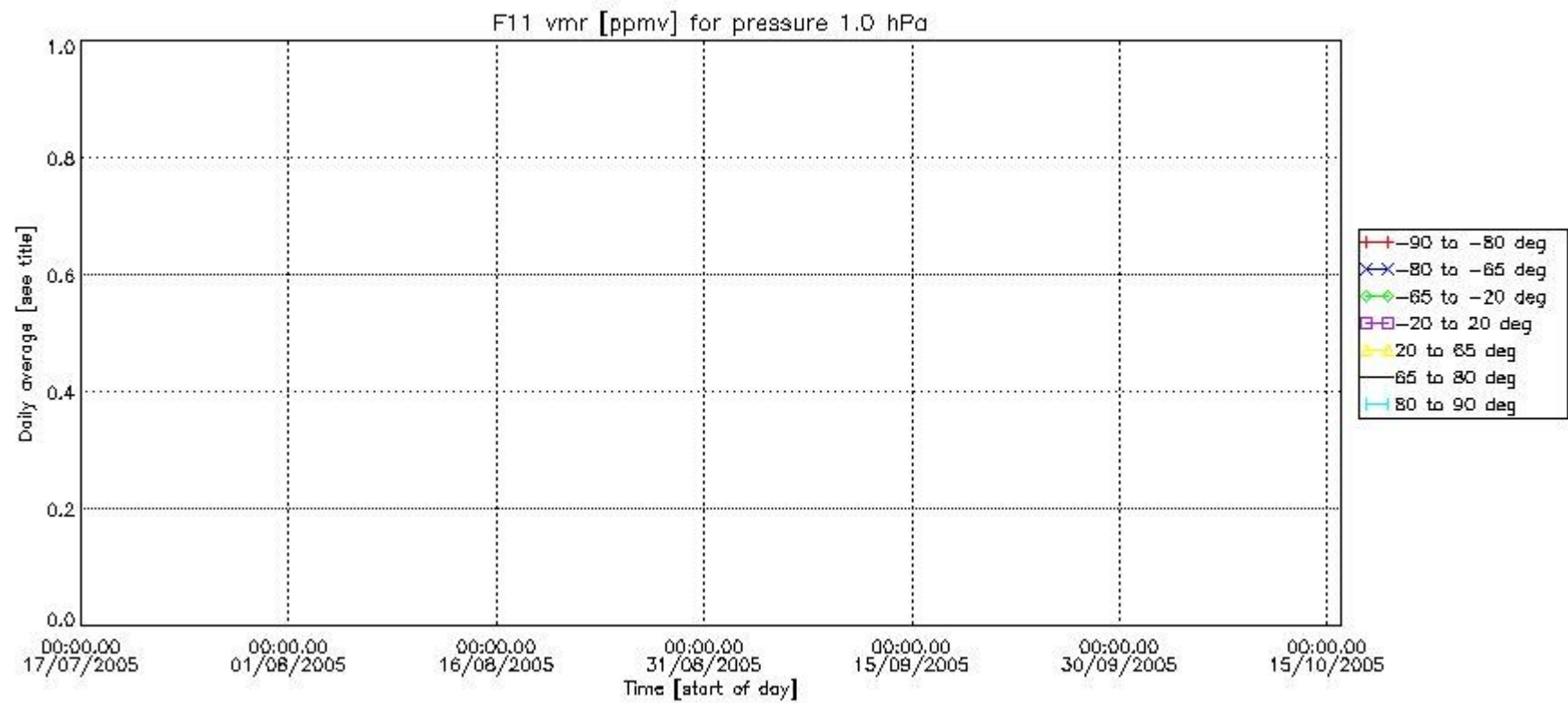


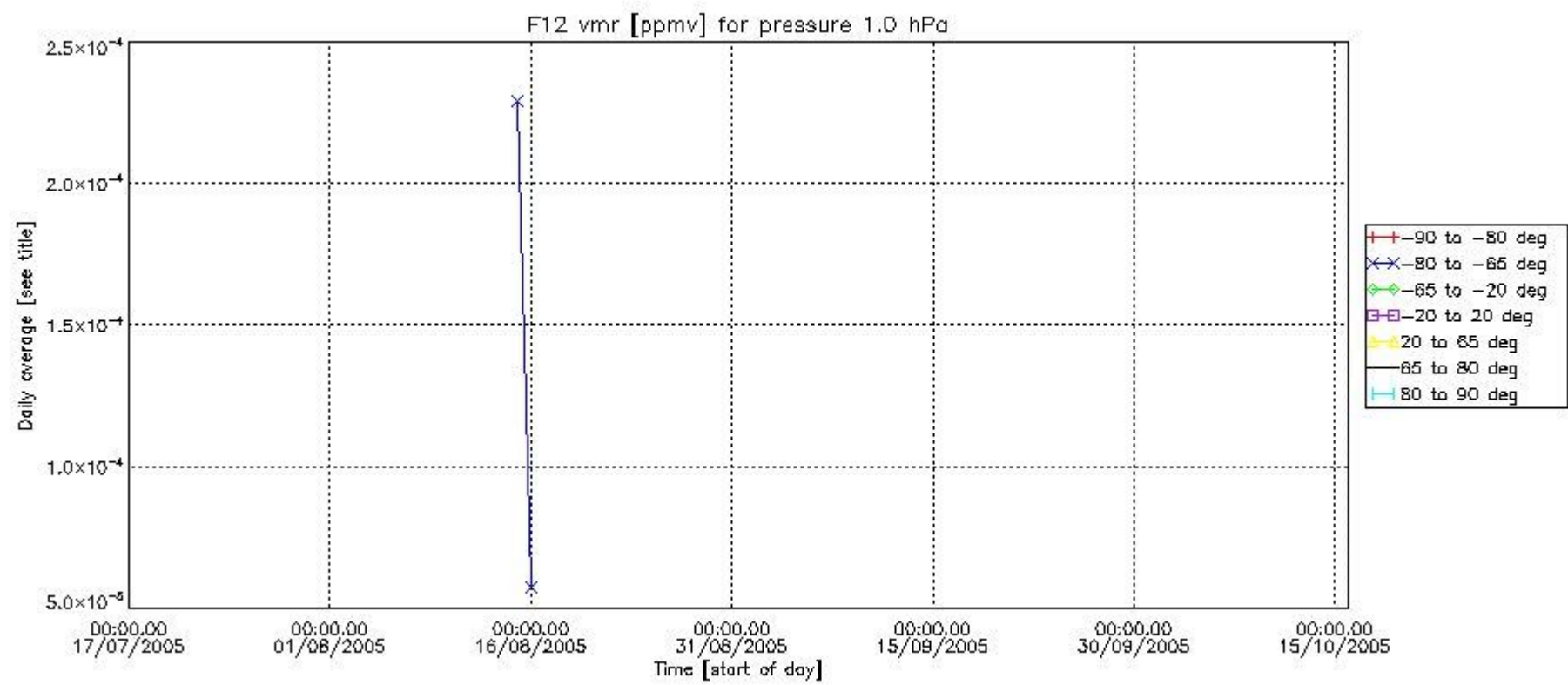
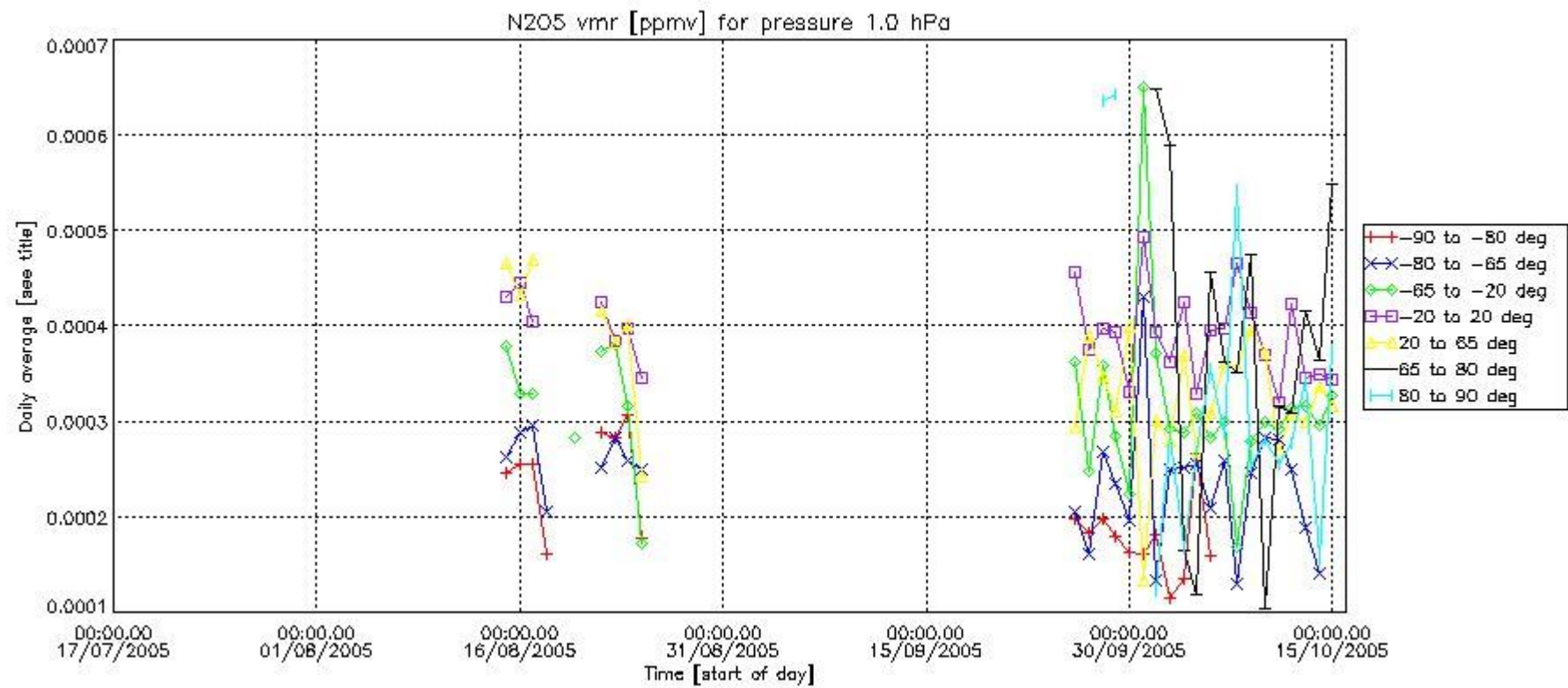


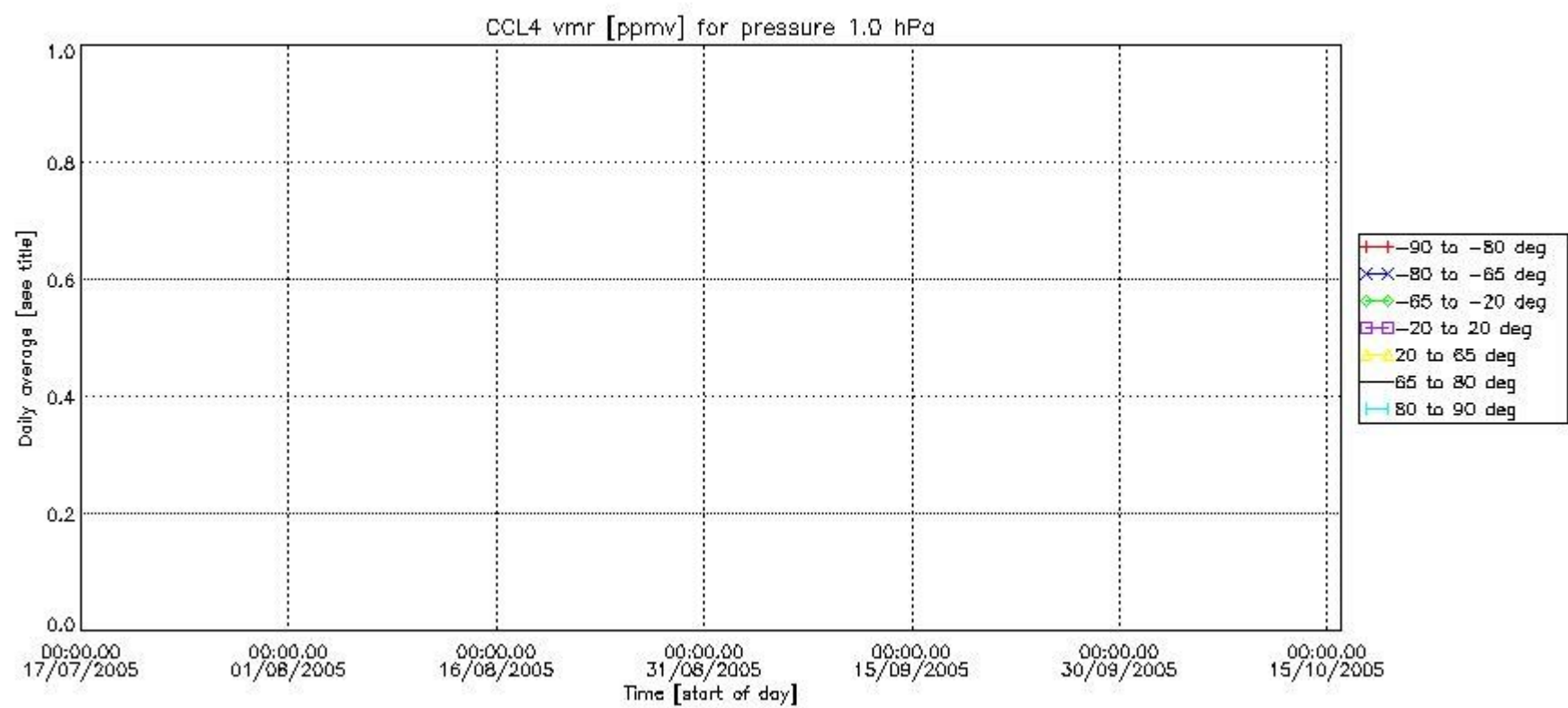
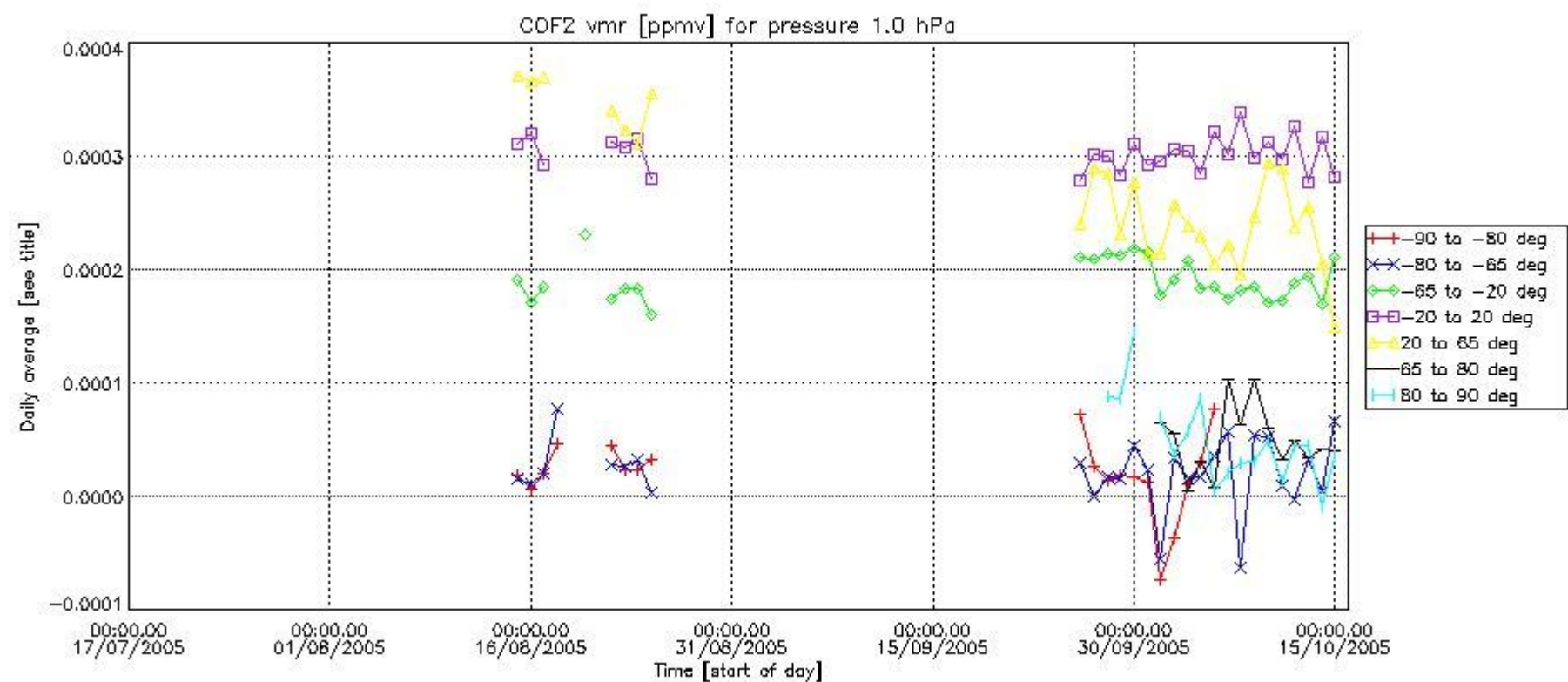


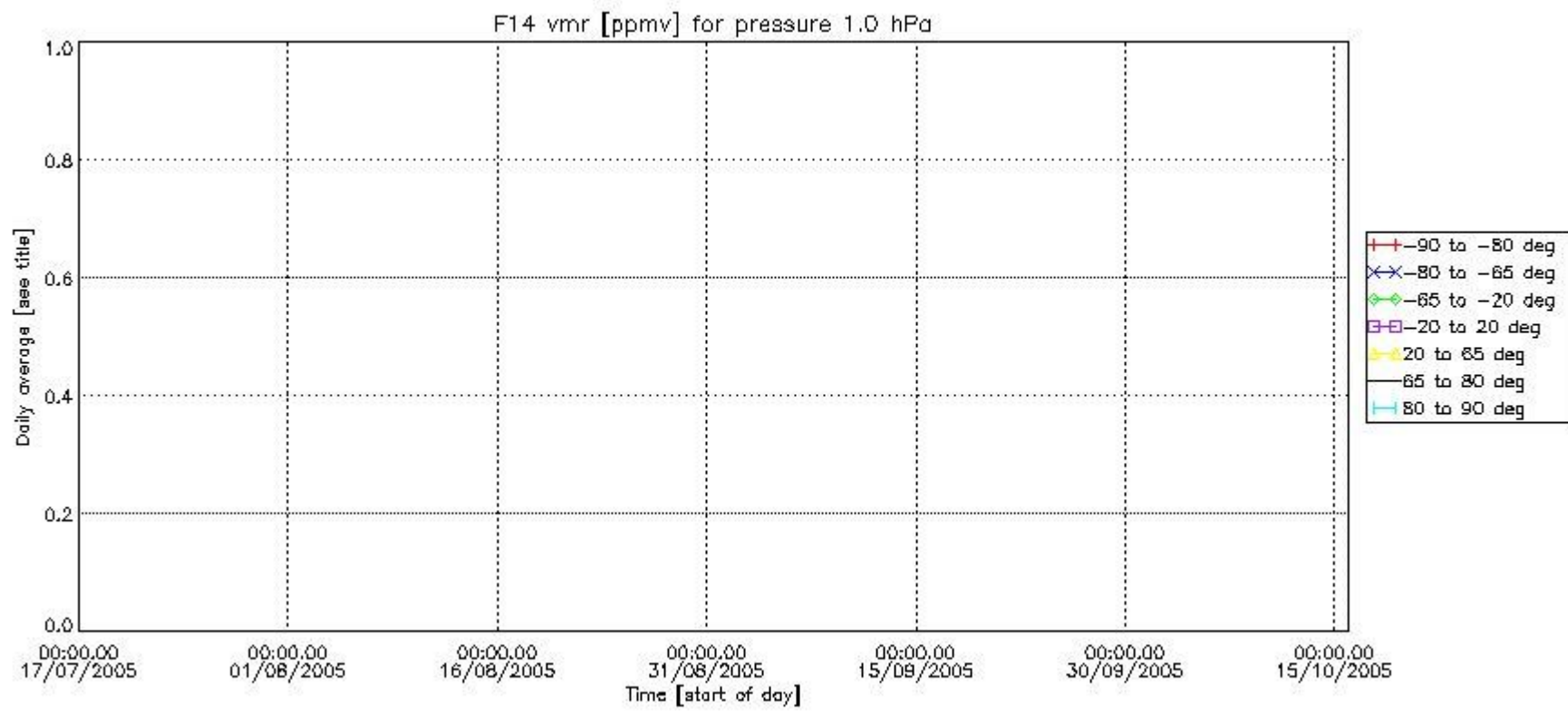
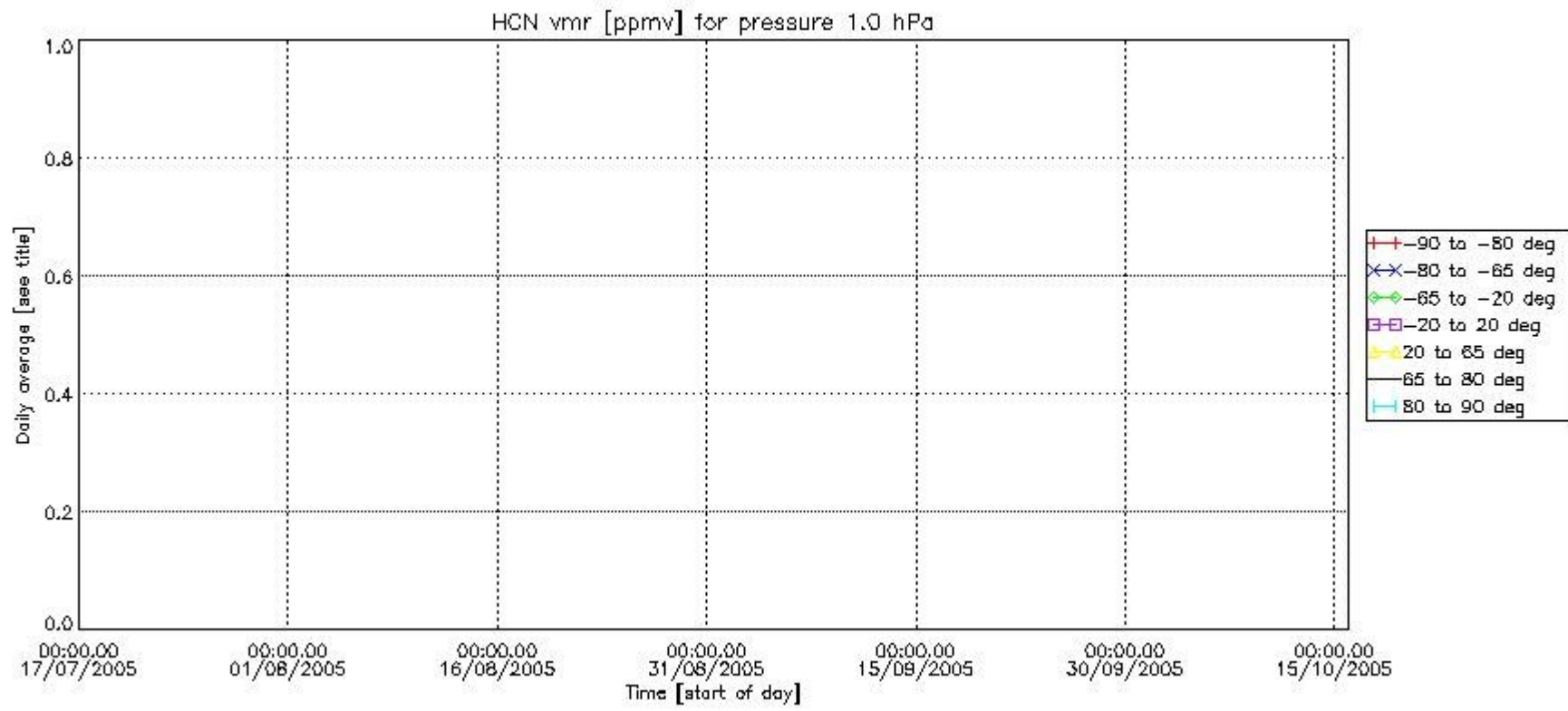


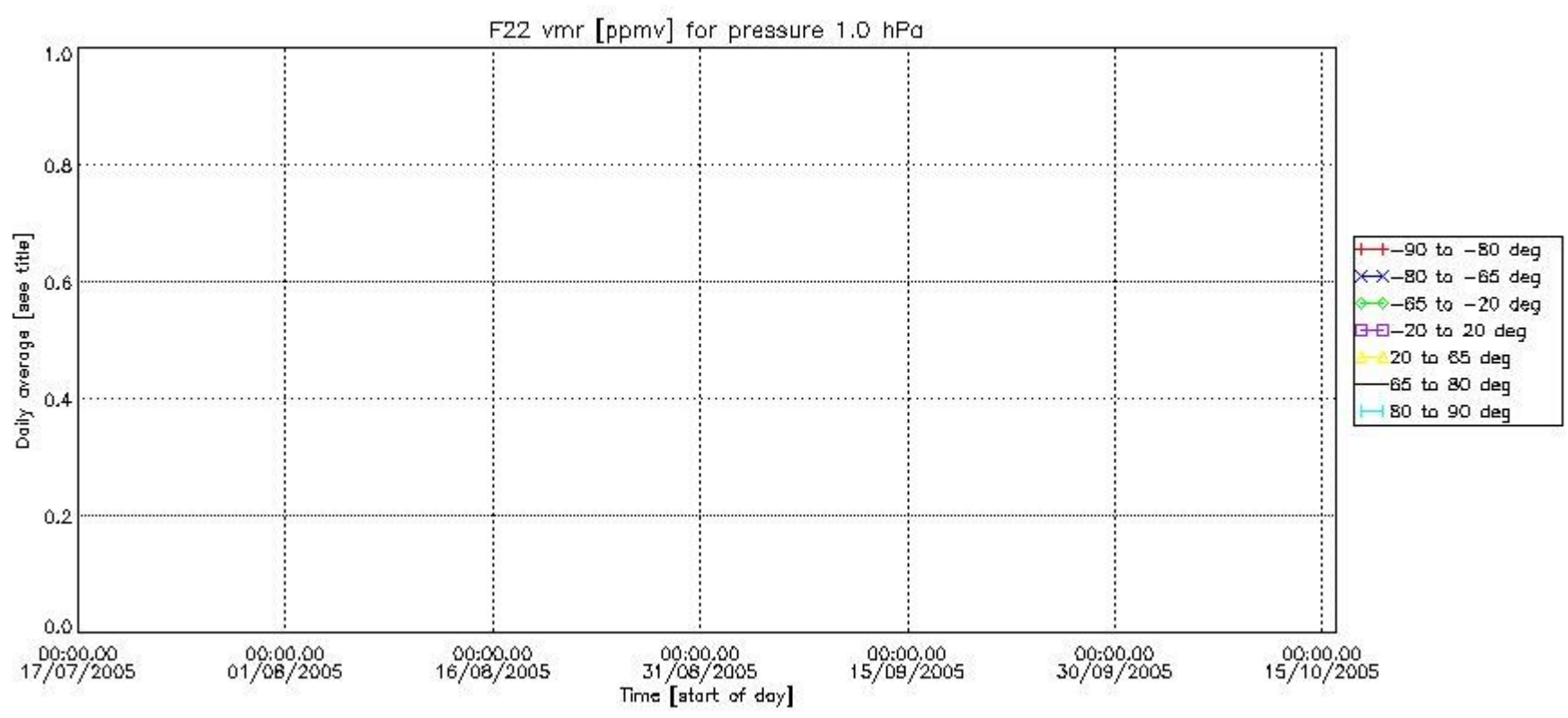












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

