

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060121.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	26APR2016 11:25:55
Data source version	ML2PP/7.03-W
Processing scope for products	21JAN2006 00:00:00 to 22JAN2006 00:00:00
Start time of first product within scope	21JAN2006 03:31:41
Stop time of last product within scope	21JAN2006 22:11:49
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__2PWDSI20060121_033141_000002132044_00261_20355_1000.N1	21JAN2006 03:31:41	21JAN2006 03:35:14	0	5/5	
1	MIP_NL__2PWDSI20060121_065715_000000082044_00264_20358_1000.N1	21JAN2006 06:57:15	21JAN2006 06:57:24	1	1/1	
2	MIP_NL__2PWDSI20060121_084145_000057482044_00265_20359_1000.N1	21JAN2006 08:41:45	21JAN2006 10:17:33	0	103/103	
3	MIP_NL__2PWDSI20060121_101823_000060352044_00266_20360_1000.N1	21JAN2006 10:18:23	21JAN2006 11:58:58	0	133/133	P_T_TERM_MACRO_MICRO[micro:1], VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1]
4	MIP_NL__2PWDSI20060121_115904_000005502044_00267_20361_1000.N1	21JAN2006 11:59:04	21JAN2006 12:08:14	0	12/12	
5	MIP_NL__2PWDSI20060121_184521_000057472044_00271_20365_1000.N1	21JAN2006 18:45:21	21JAN2006 20:21:08	0	122/122	VMR_TERM_MACRO_MICRO[HCN/macro:1; F14/macro:1; HCN/micro:1]
6	MIP_NL__2PWDSI20060121_202159_000060352044_00272_20366_1000.N1	21JAN2006 20:21:59	21JAN2006 22:02:34	0	133/133	VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:1]
7	MIP_NL__2PWDSI20060121_220240_000005502044_00273_20367_1000.N1	21JAN2006 22:02:40	21JAN2006 22:11:49	0	12/12	

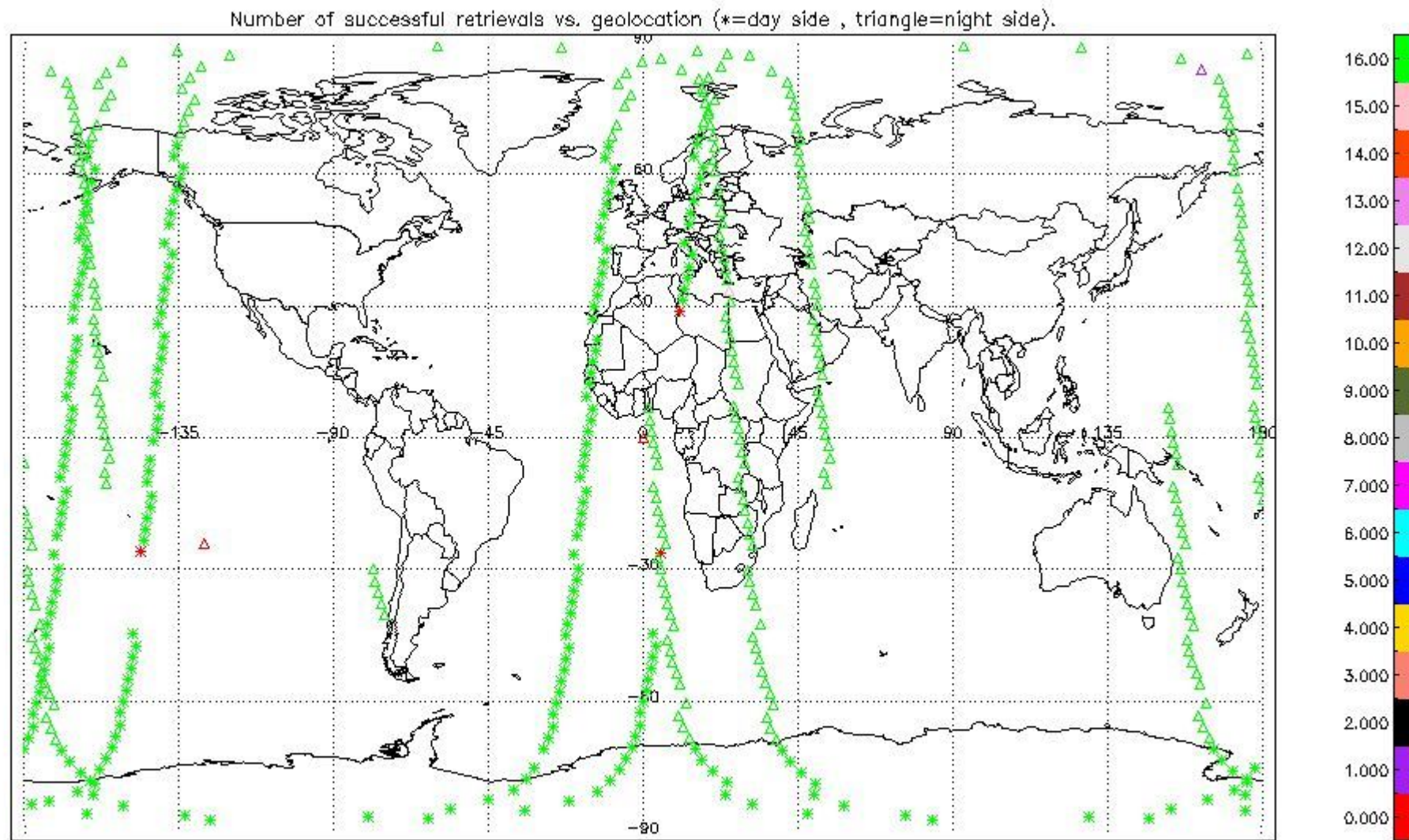
## 2.2 Processing performance indicators

### 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.

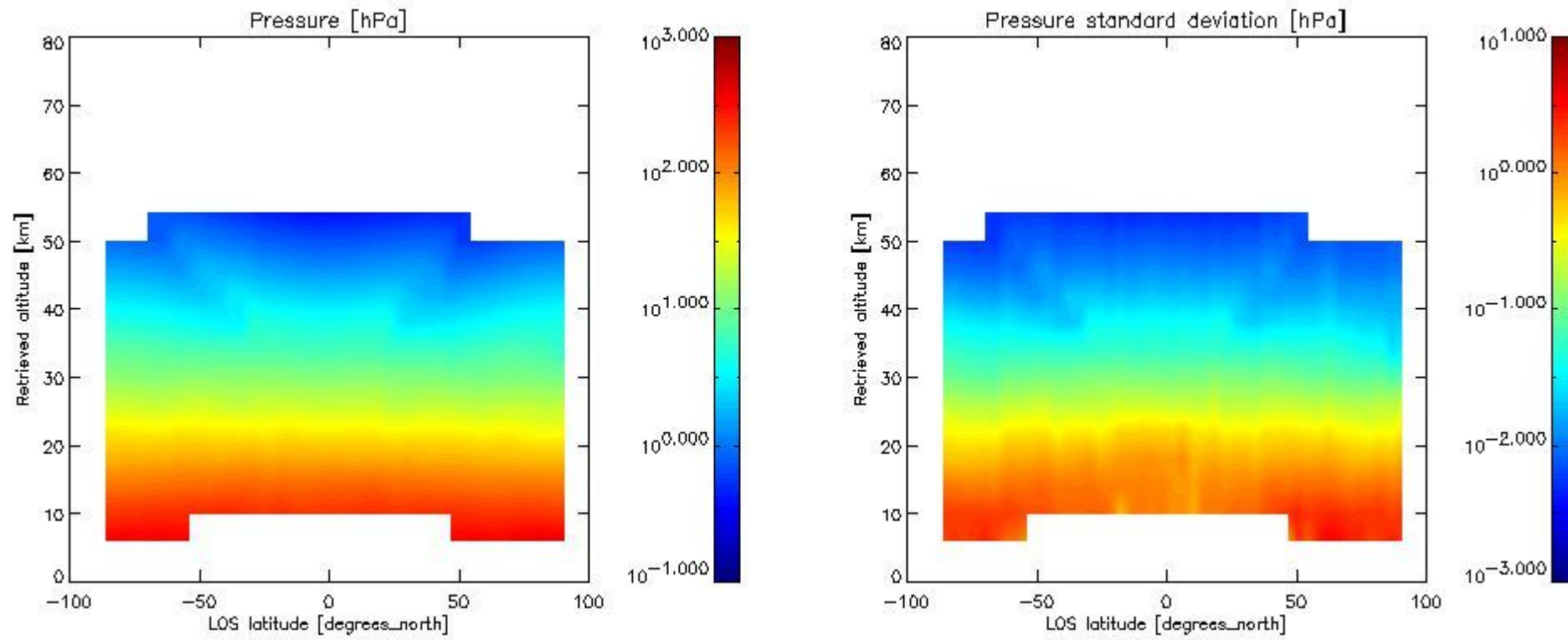
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	521	515	98.848
H2O	521	514	98.656

O3	521	514	98.656
HNO3	521	514	98.656
CH4	521	514	98.656
N2O	521	514	98.656
NO2	521	514	98.656
F11	521	514	98.656
CLNO	521	514	98.656
N2O5	521	514	98.656
F12	521	513	98.464
COF2	521	514	98.656
CCL4	521	514	98.656
HCN	521	514	98.656
F14	521	514	98.656
F22	521	514	98.656



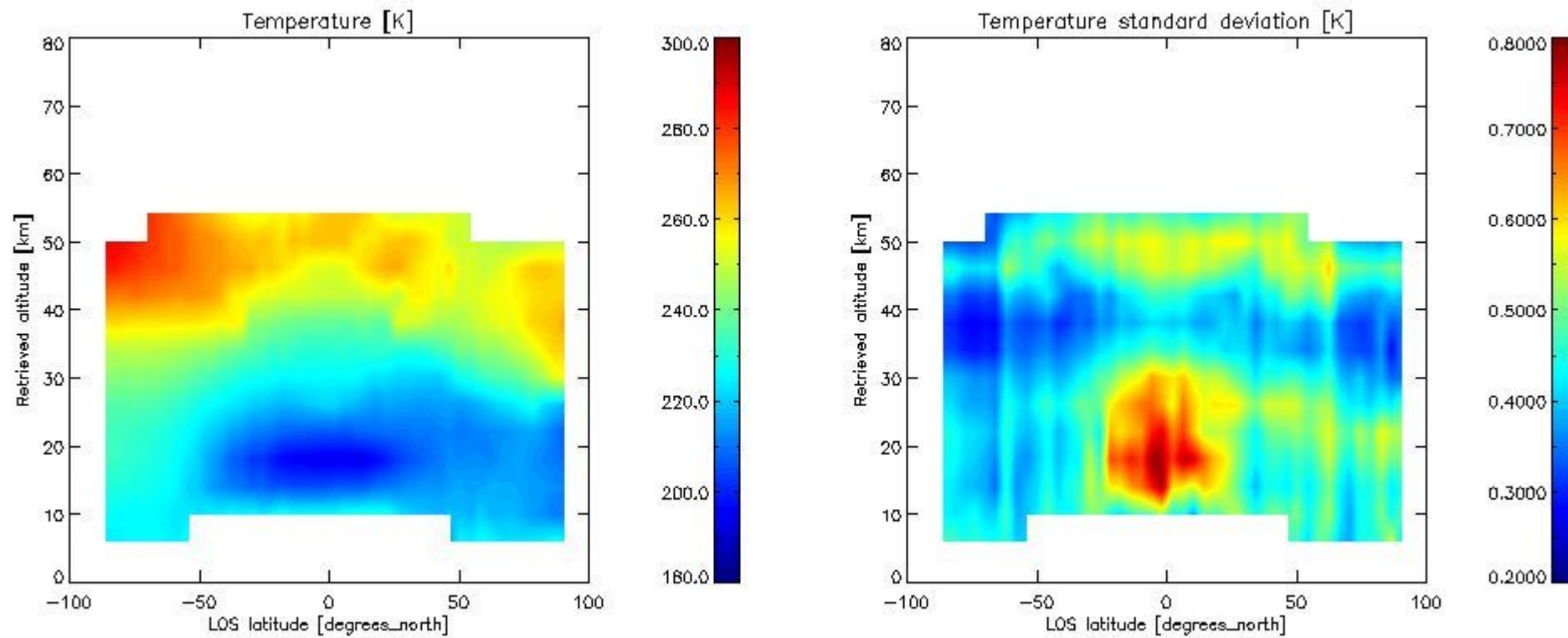
## 2.2.2 Pressure overview

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



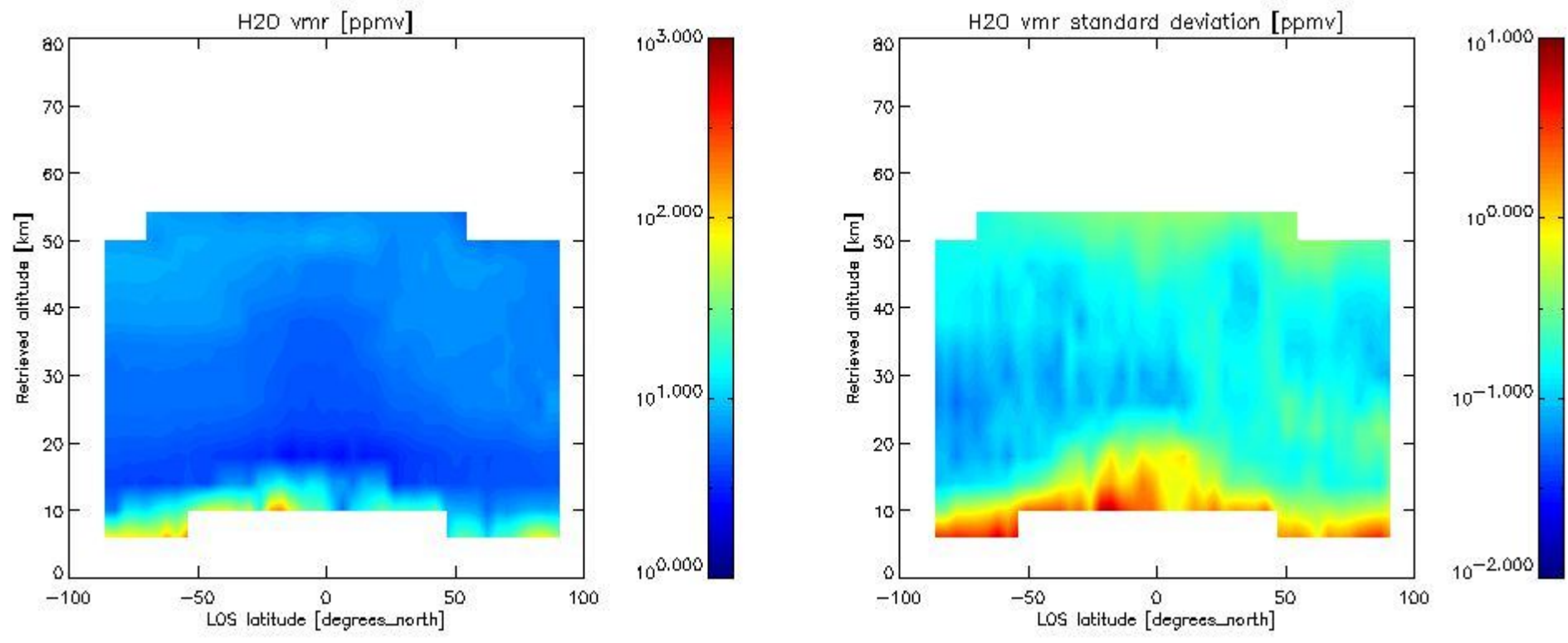
### 2.2.3 Temperature overview

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

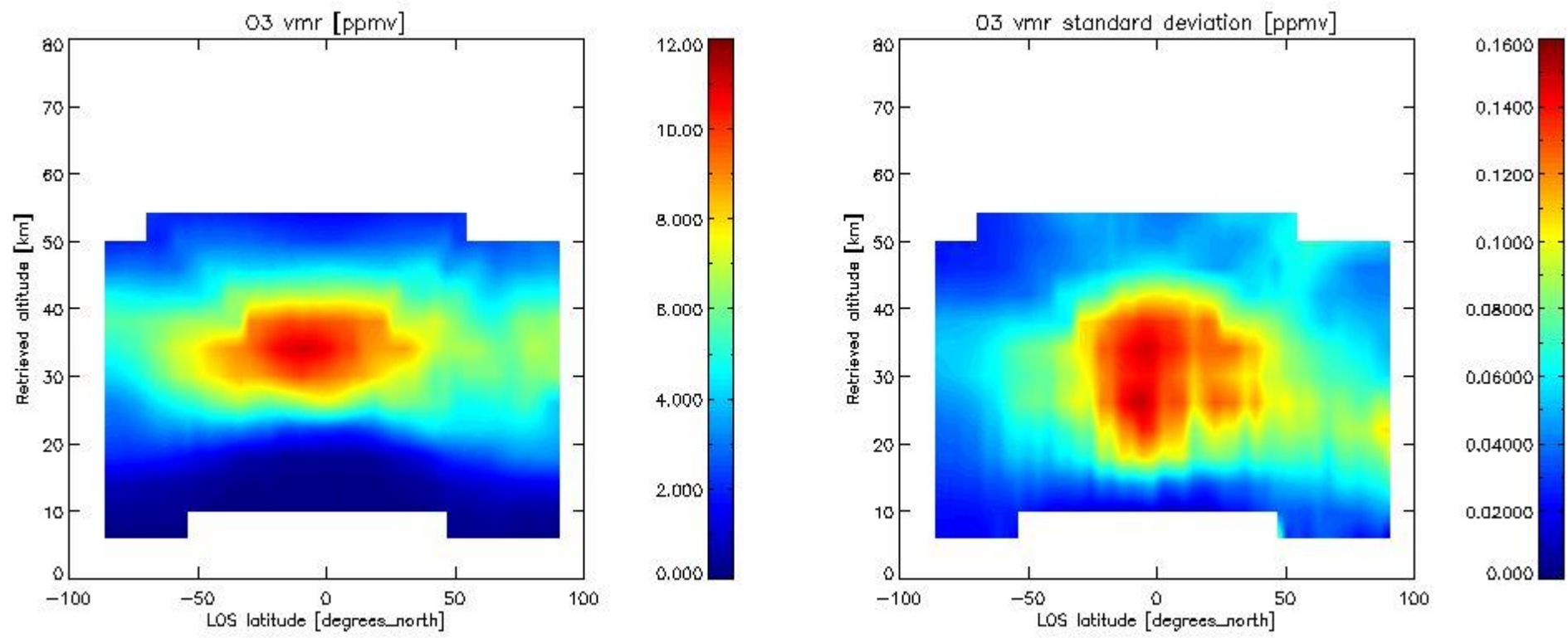


### 2.2.4 Species overview

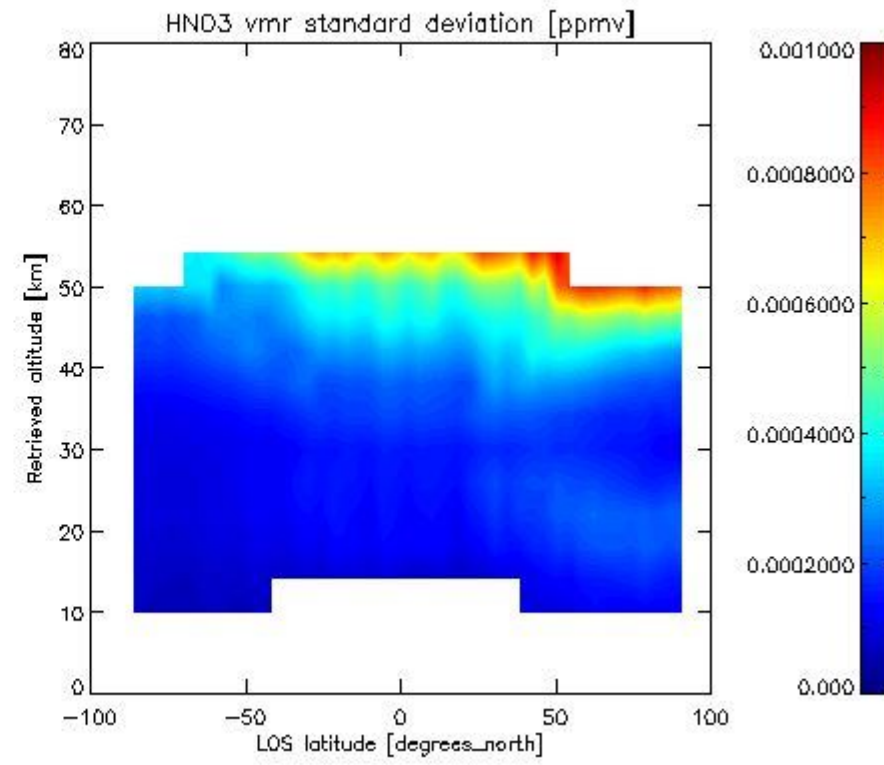
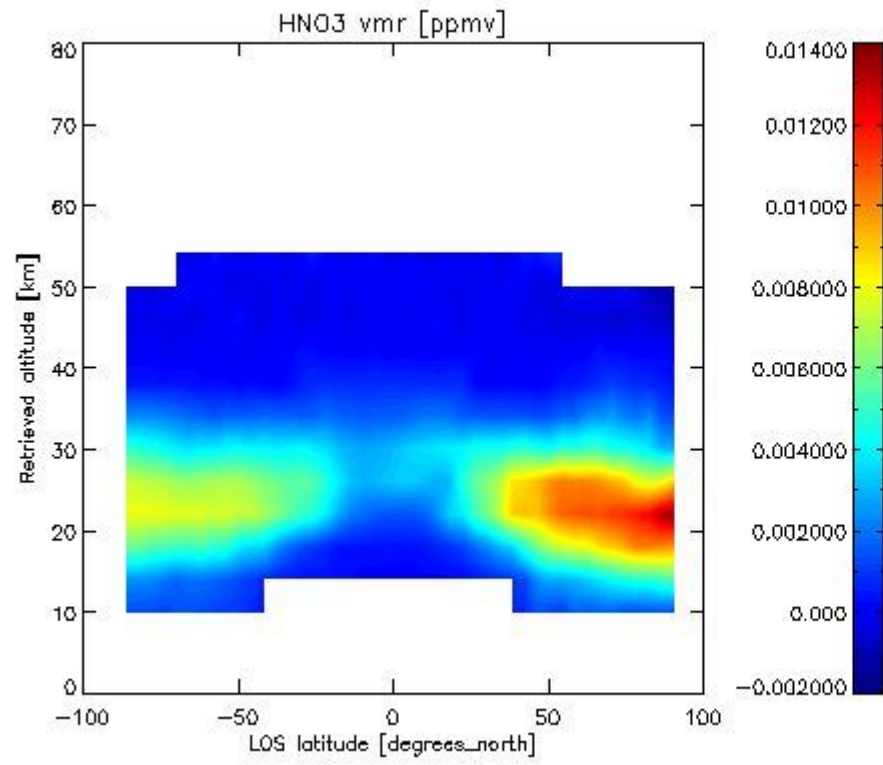
**2.2.4.1 H2O overview** This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



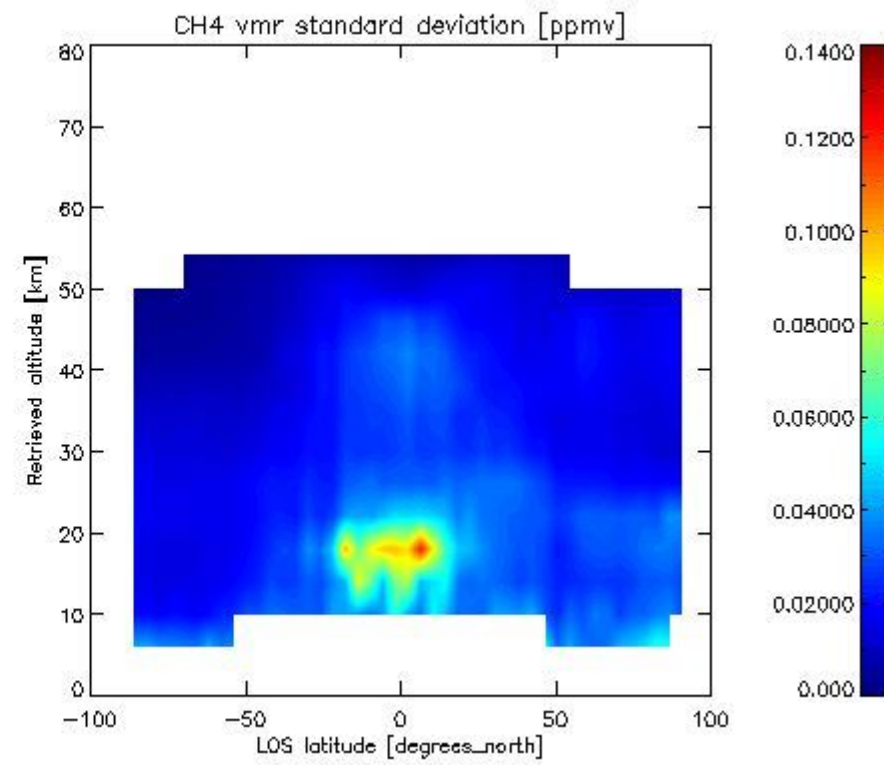
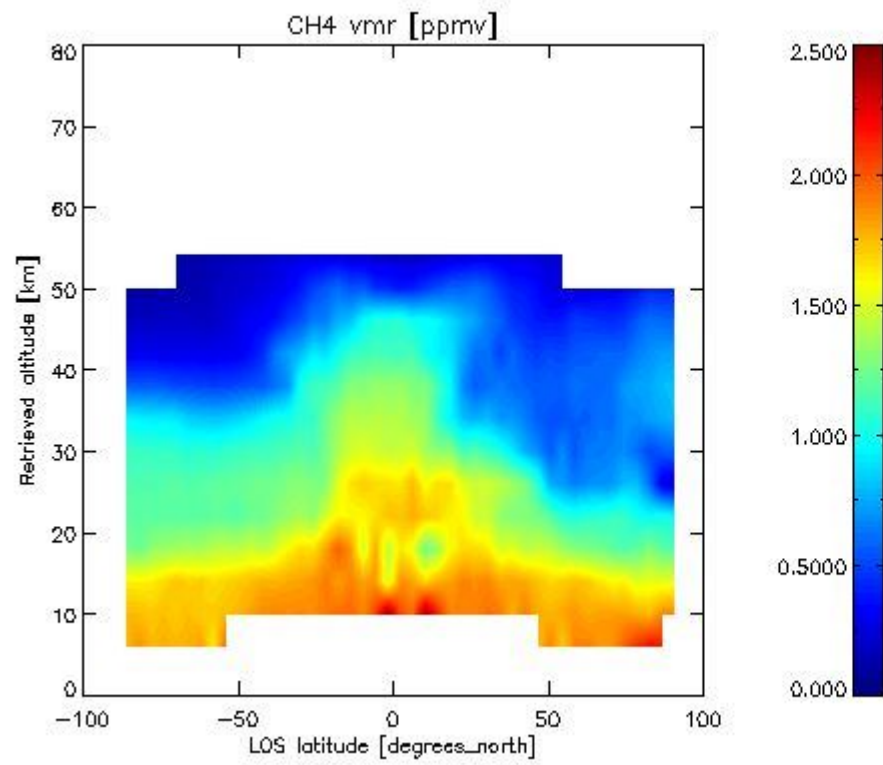
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



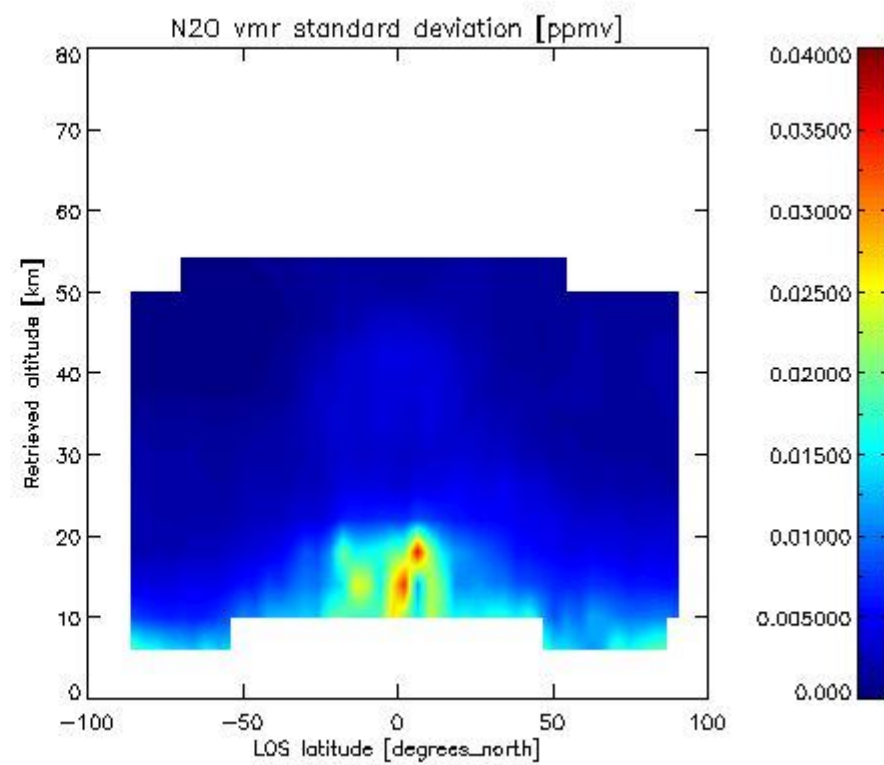
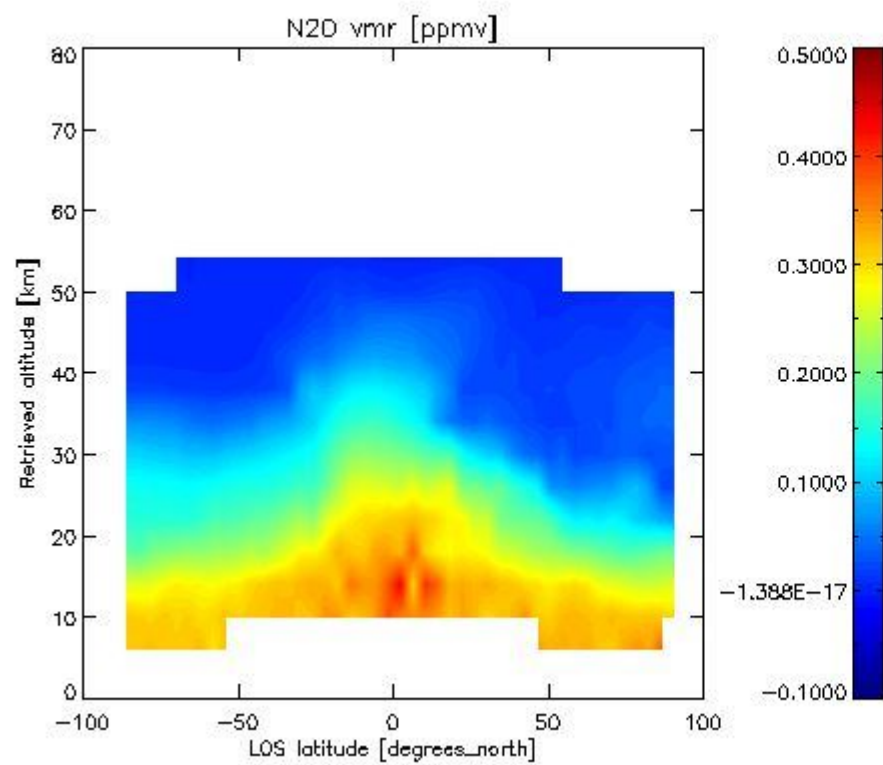
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



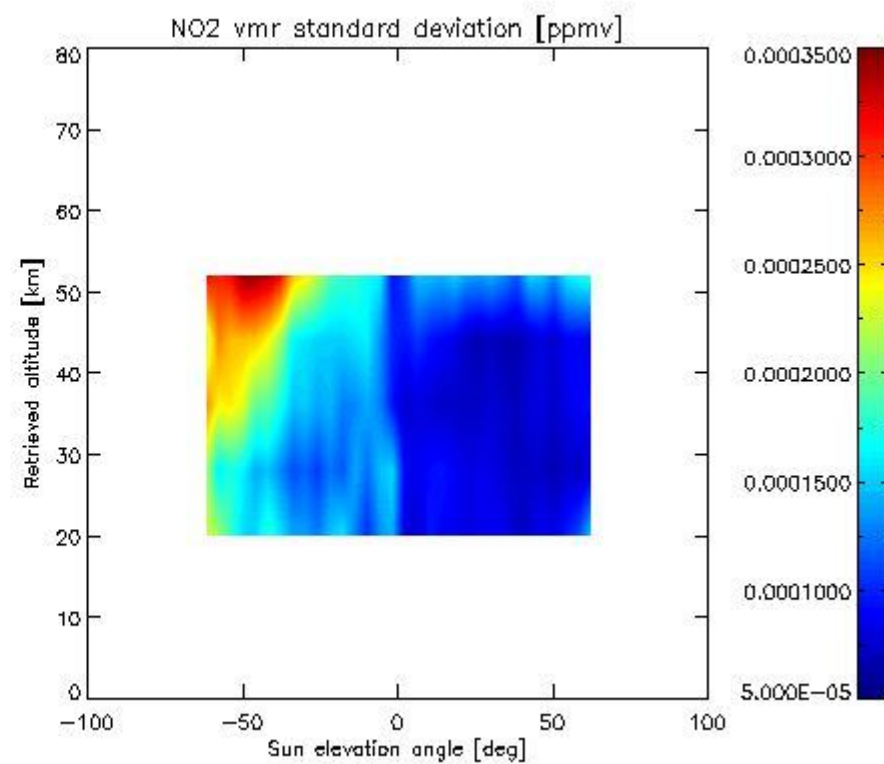
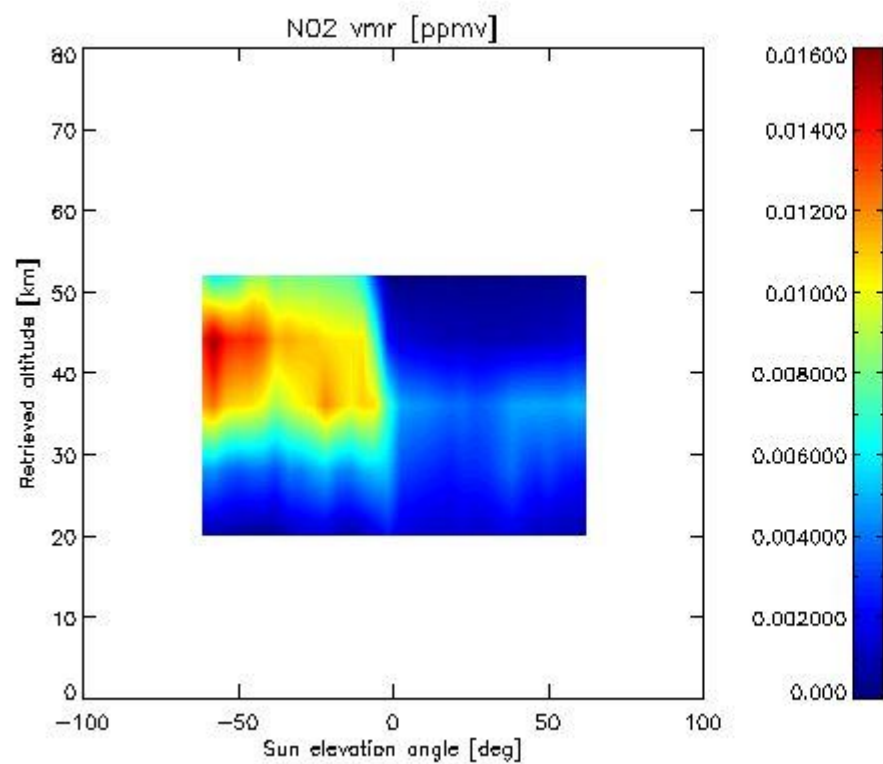
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



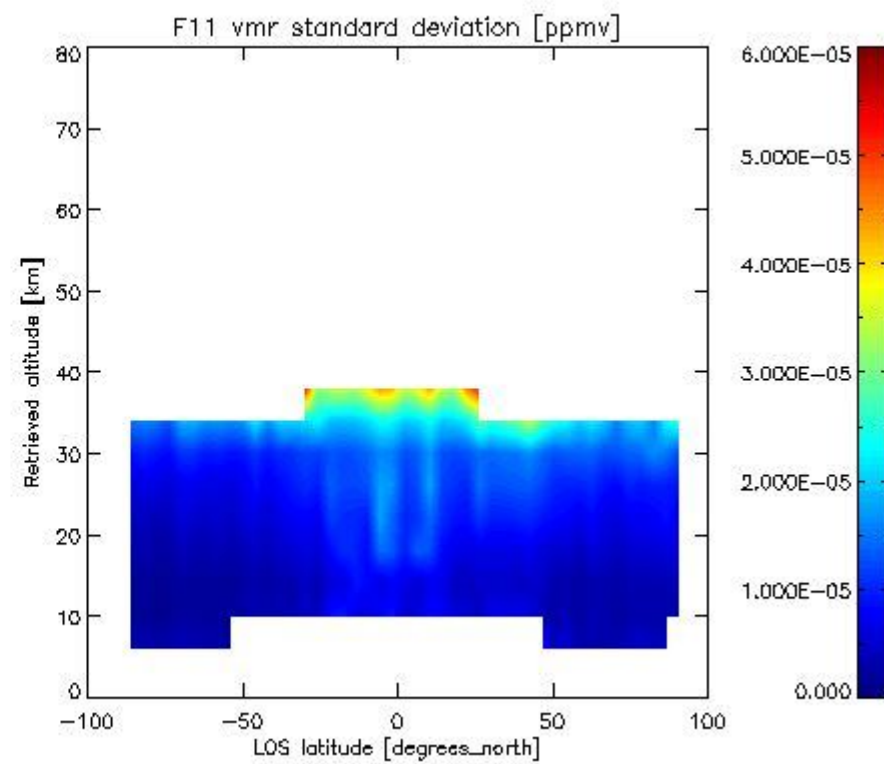
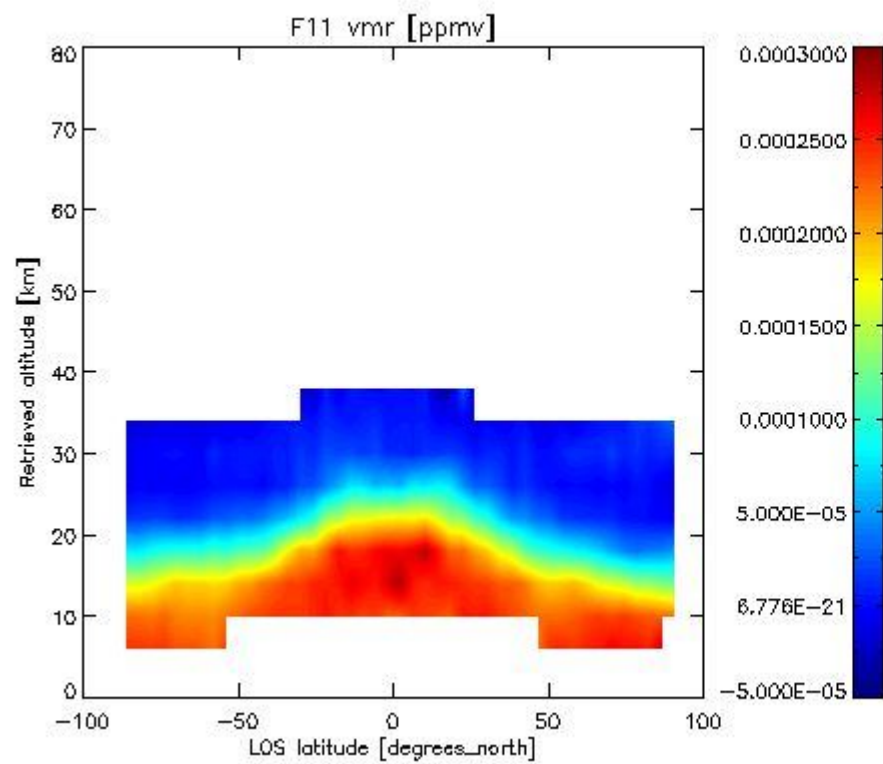
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



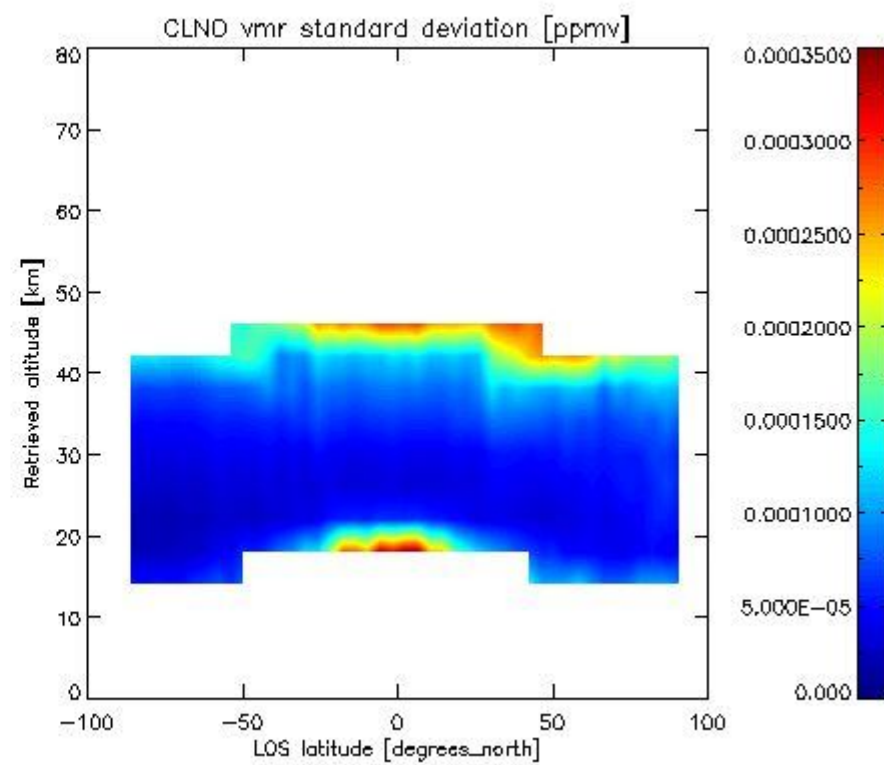
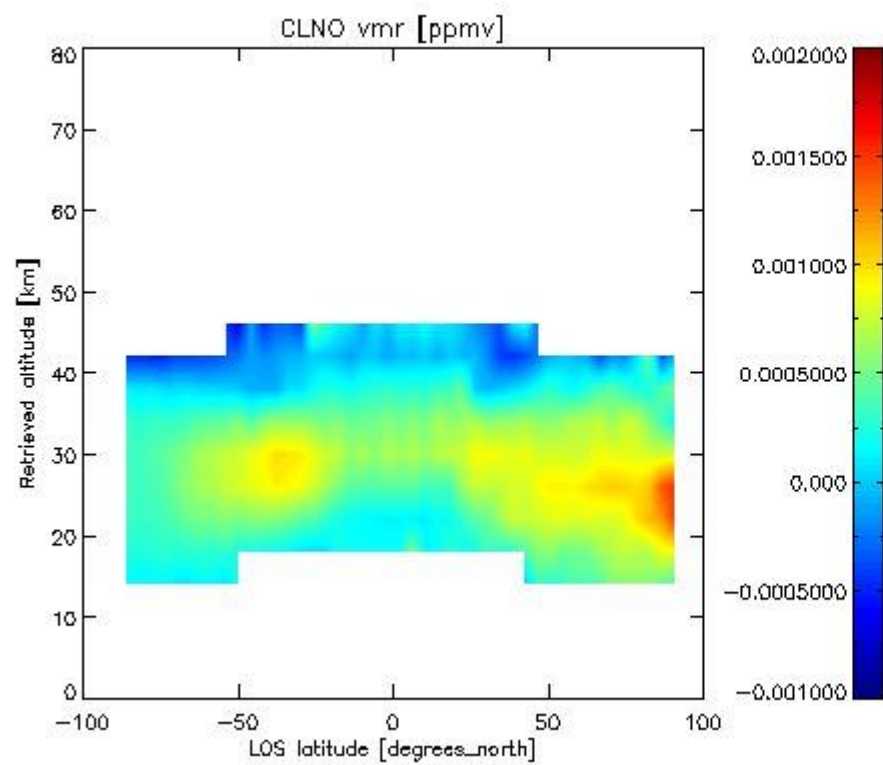
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 6 km.



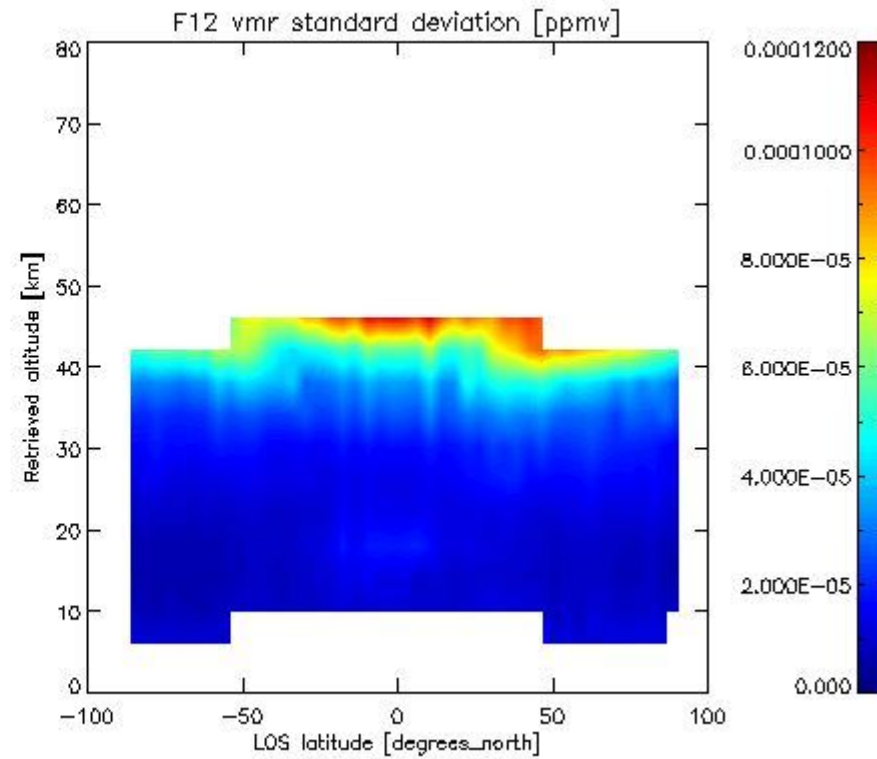
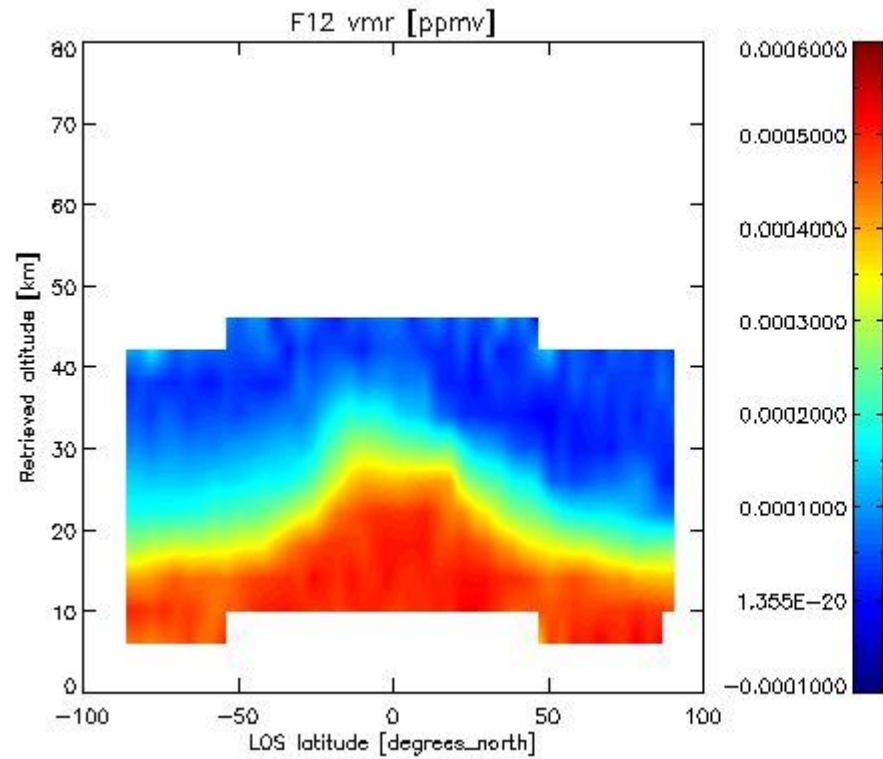
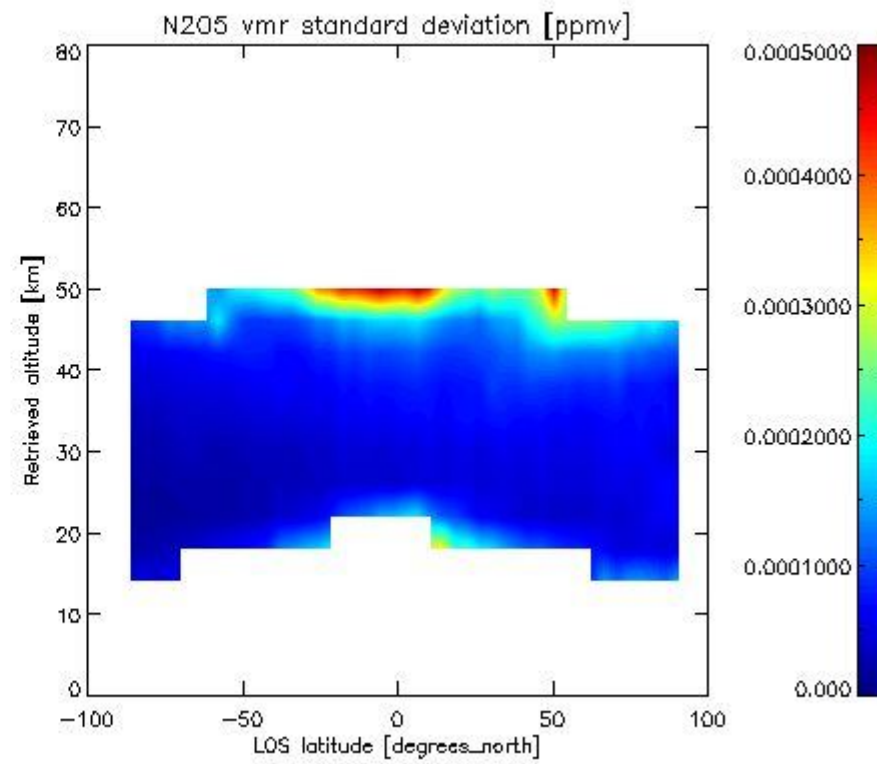
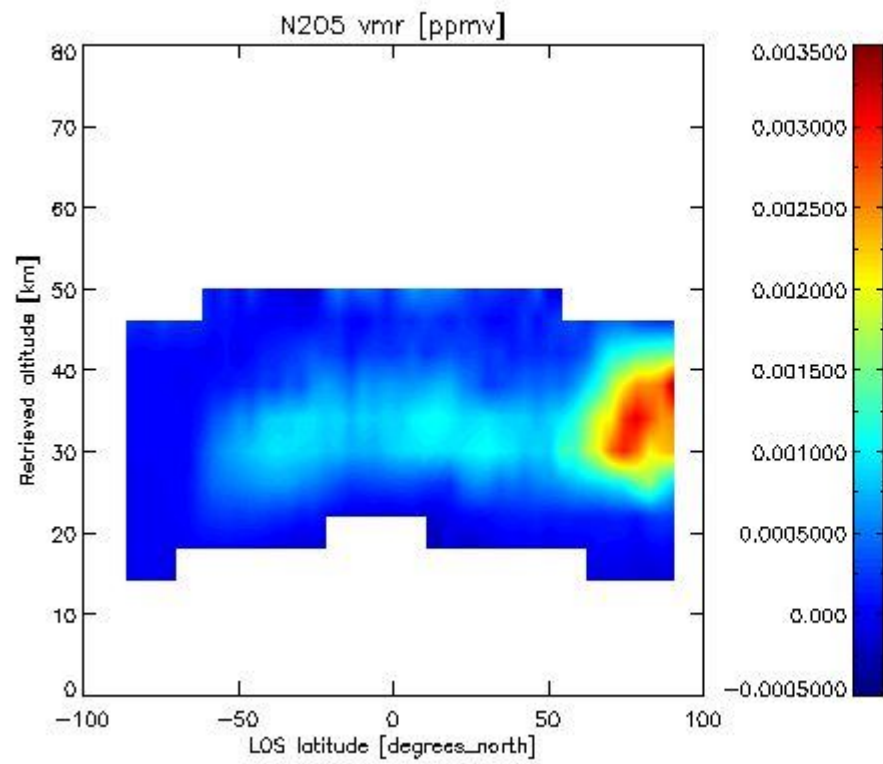
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



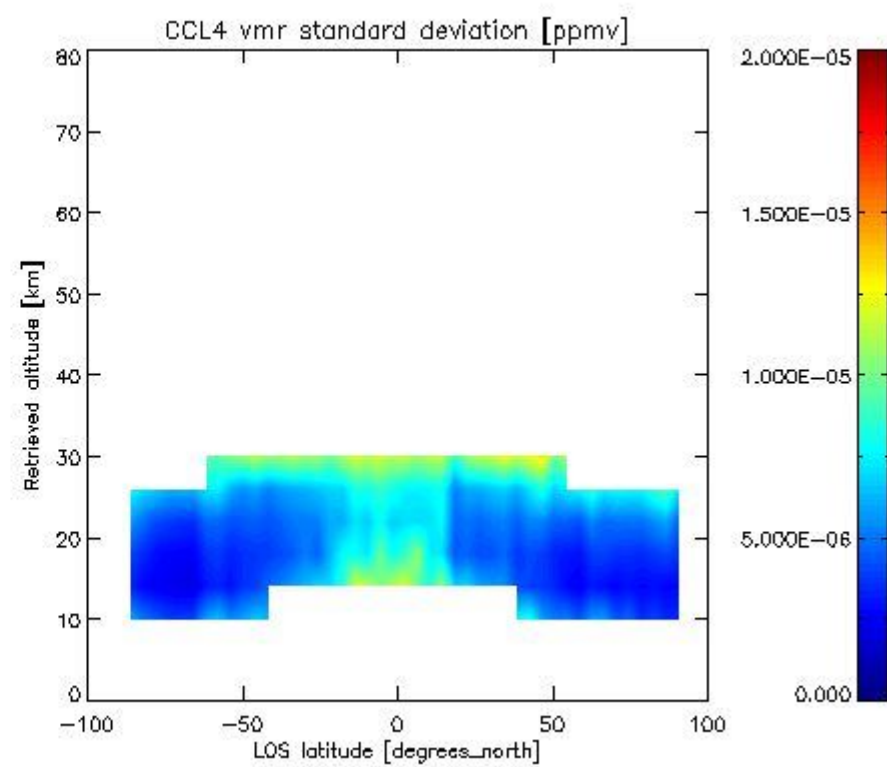
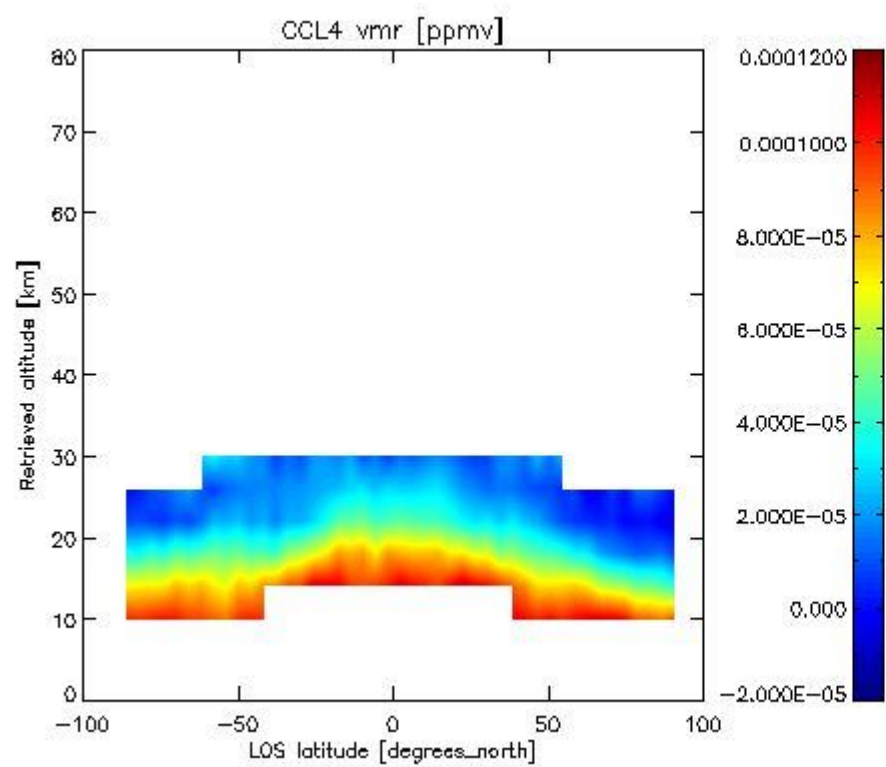
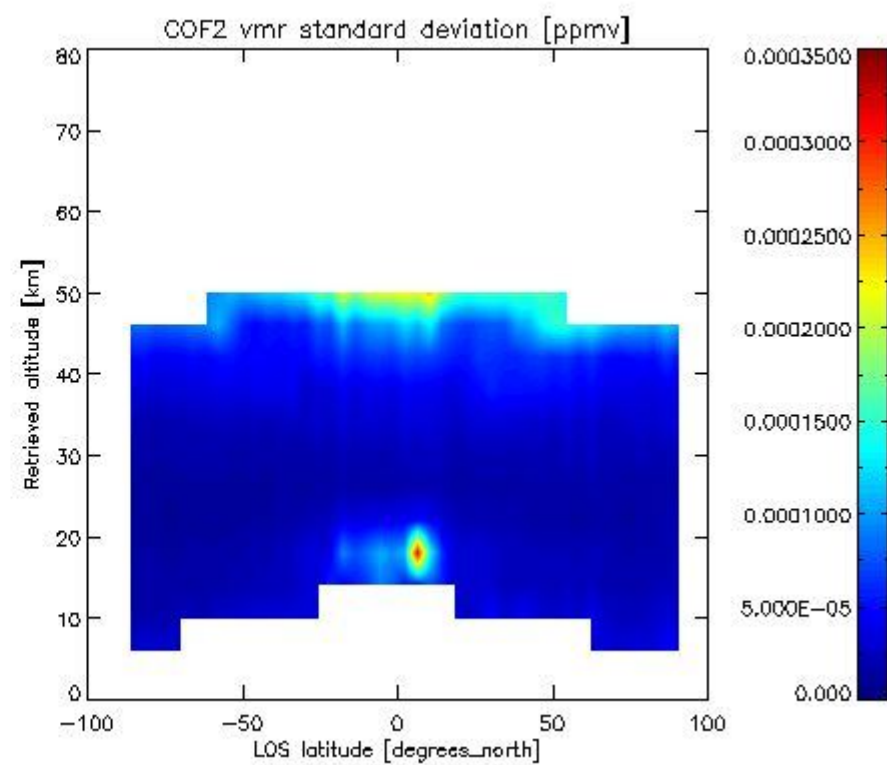
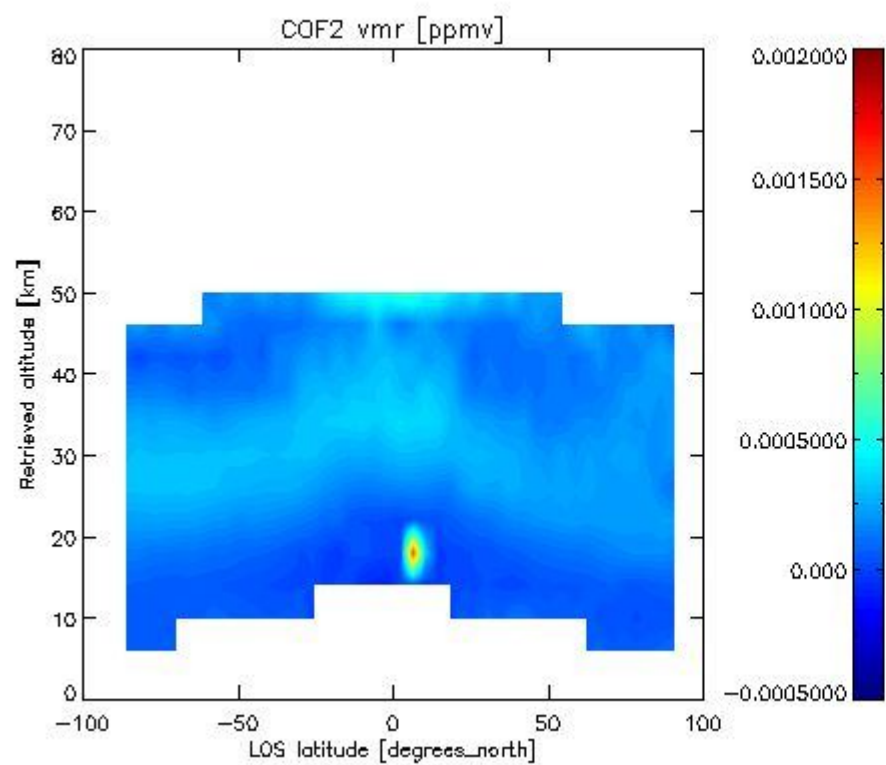
2.3.4.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

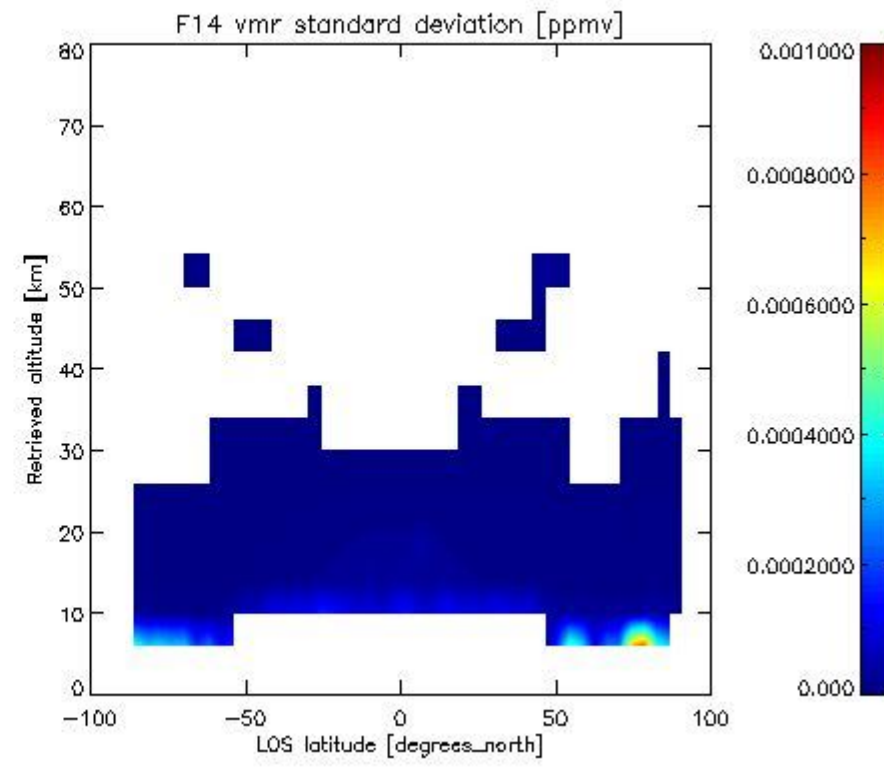
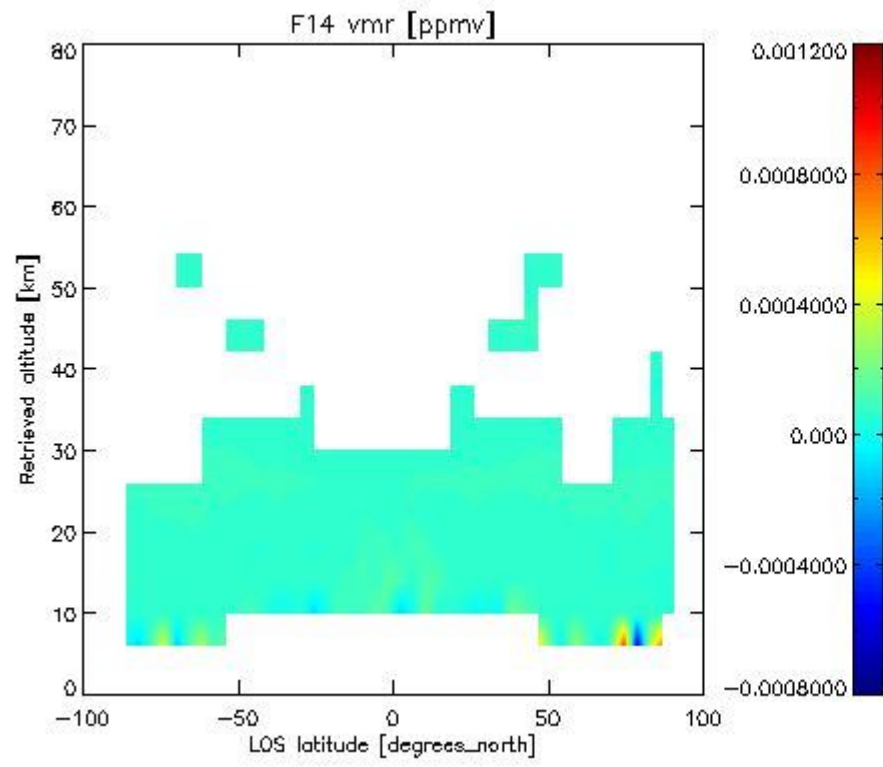
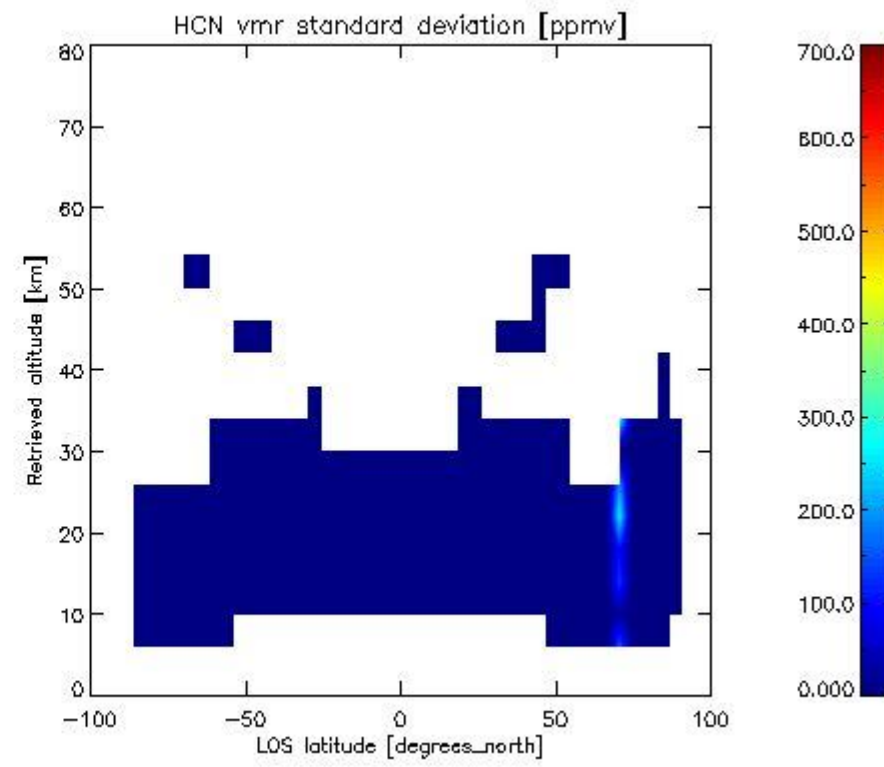
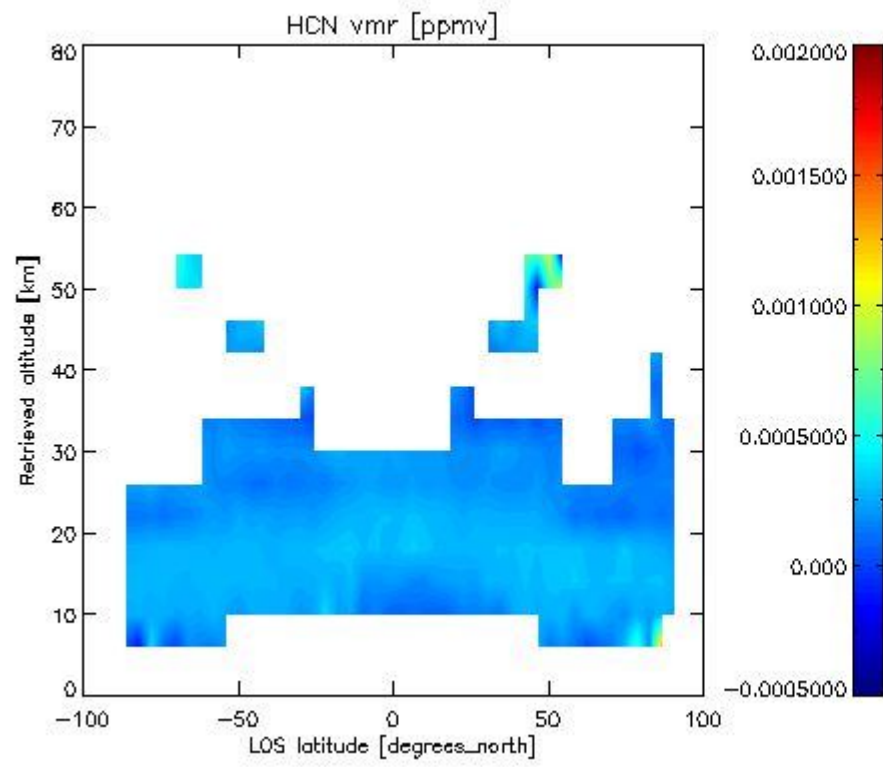


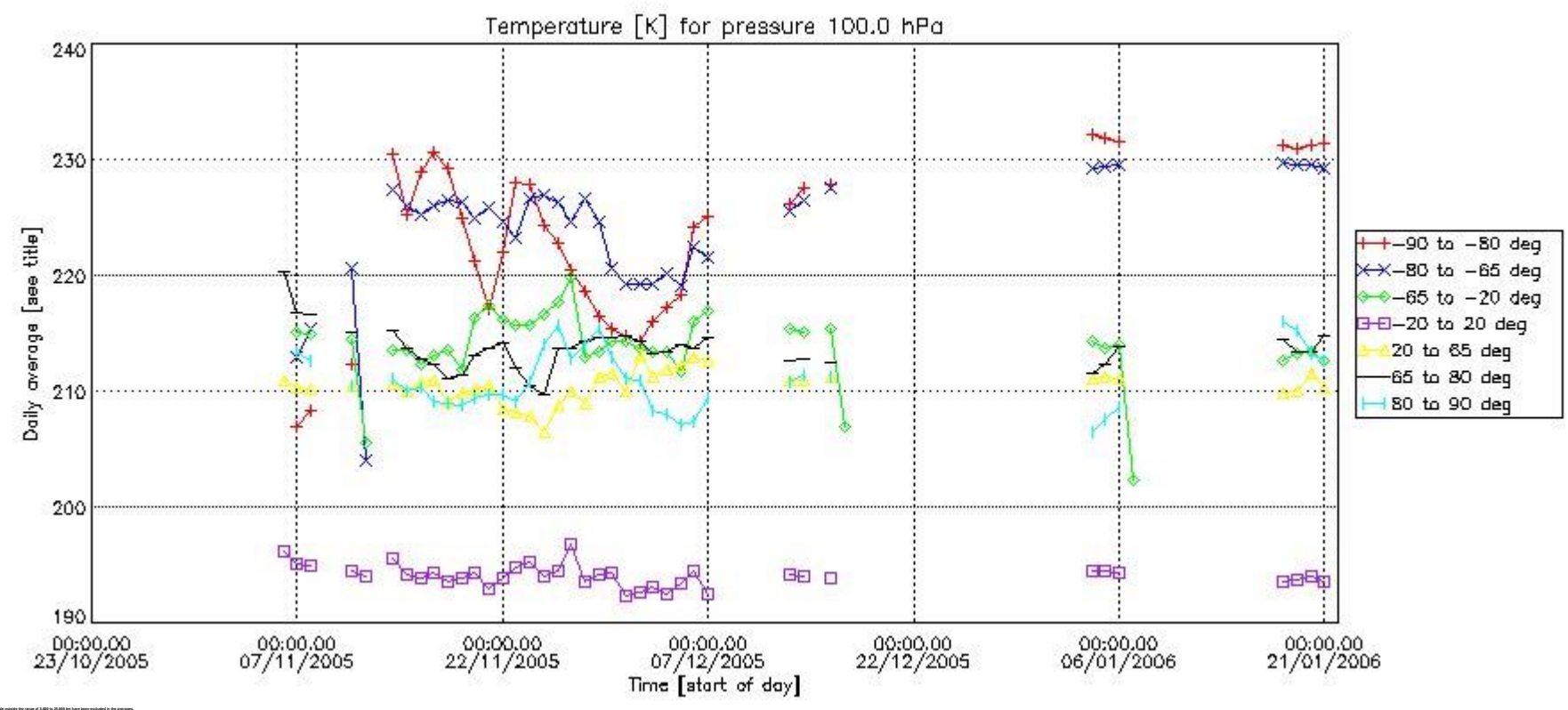
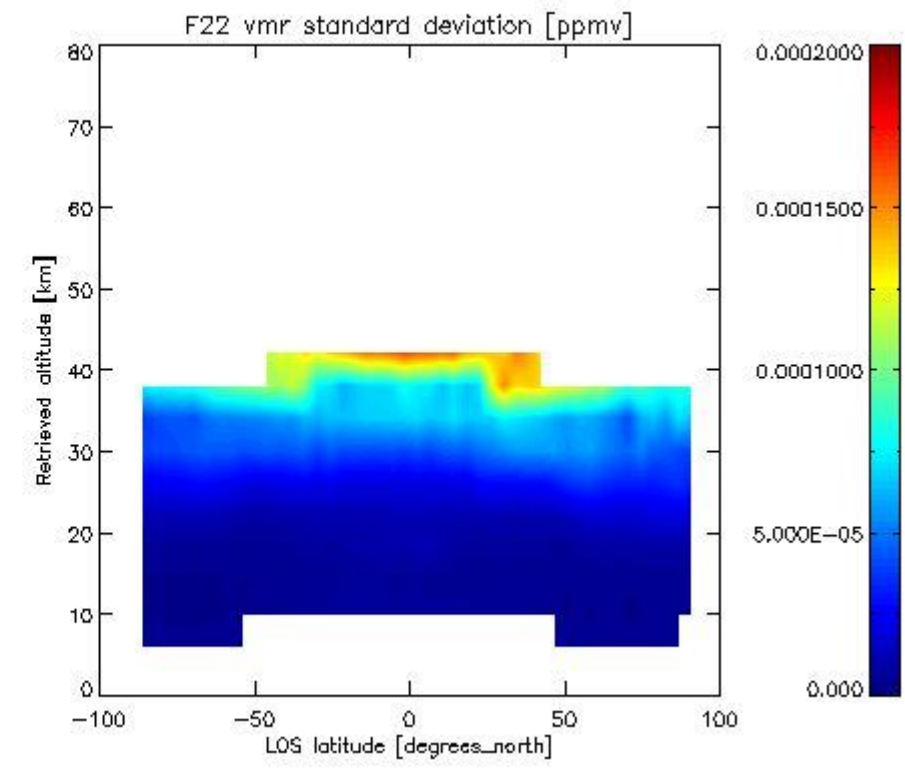
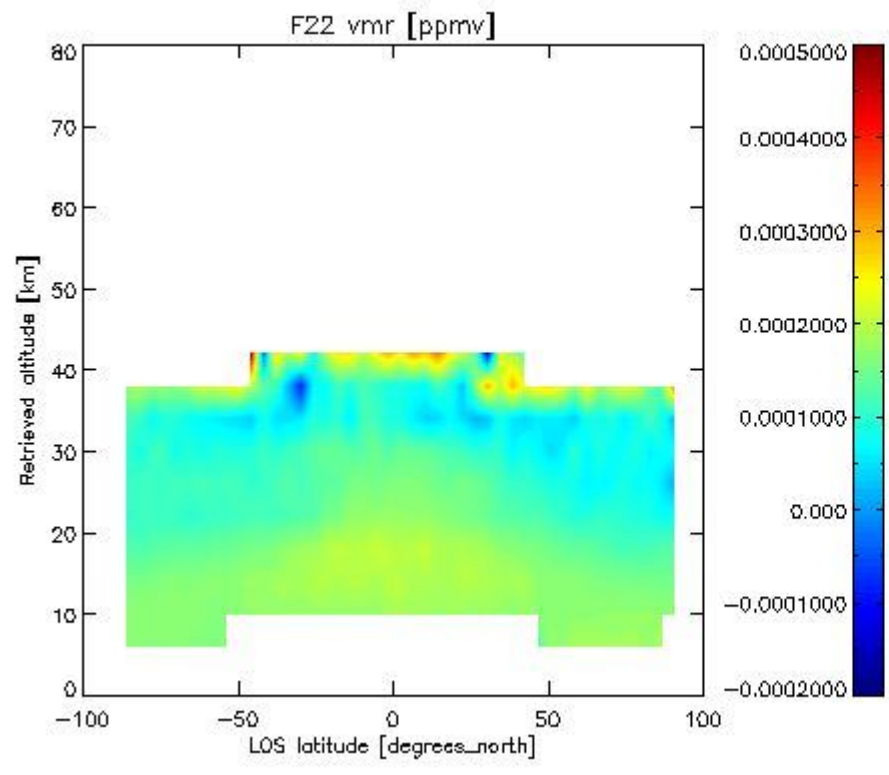
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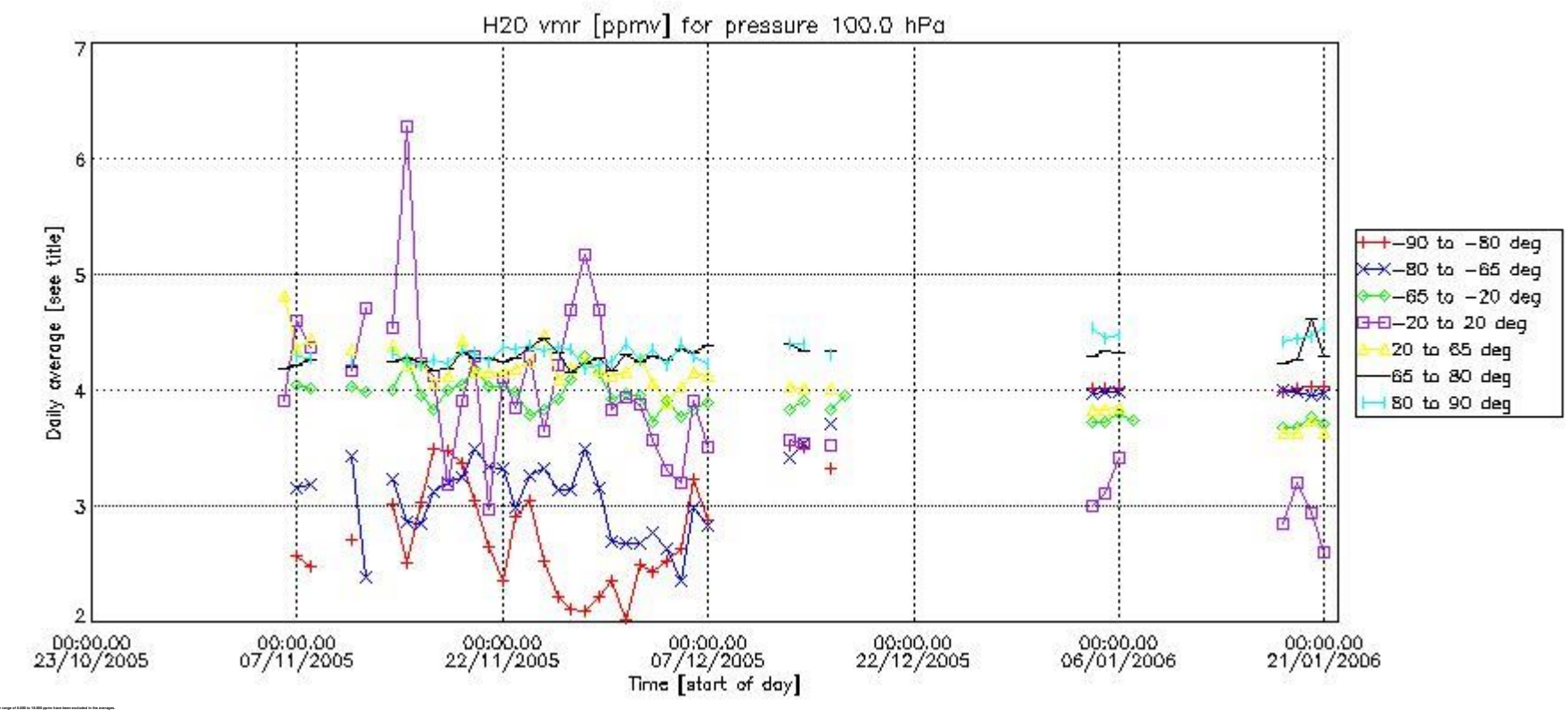
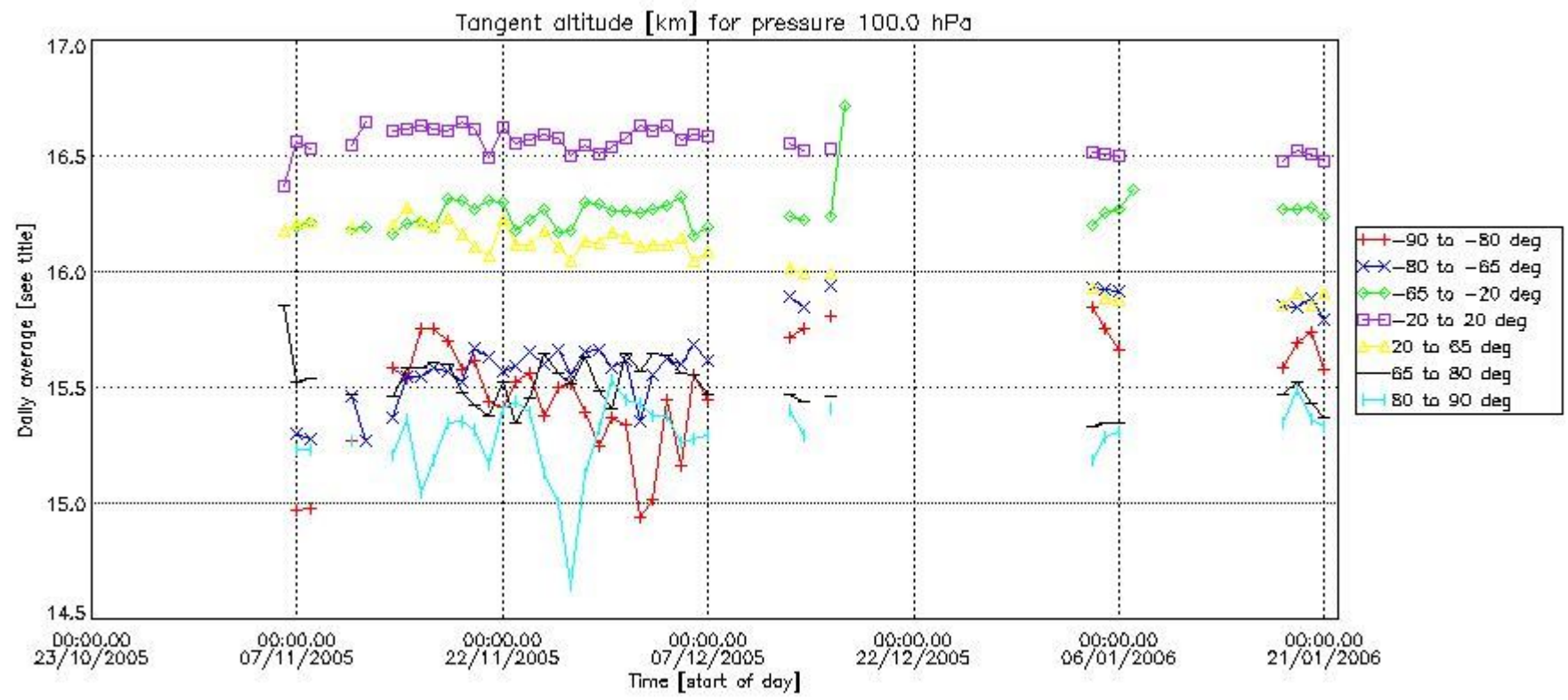


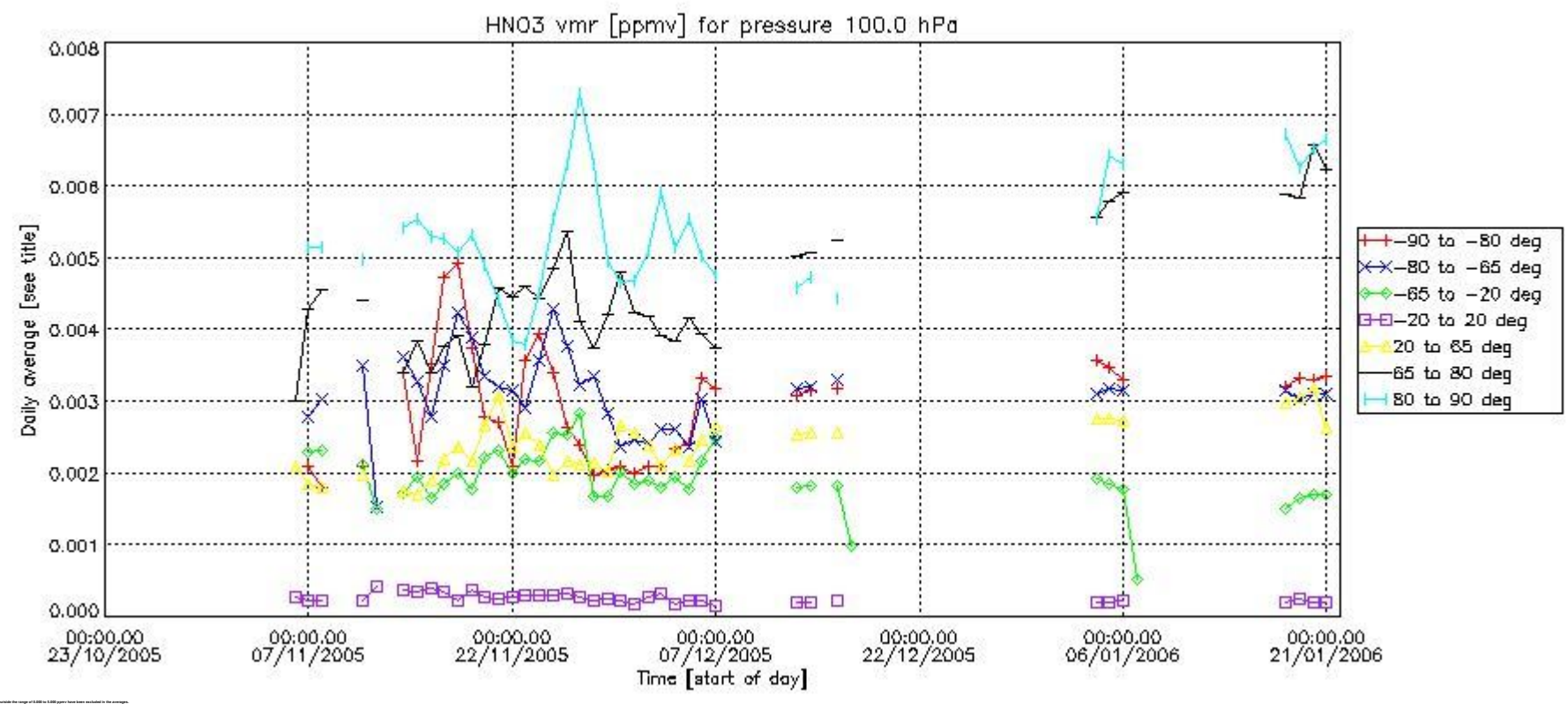
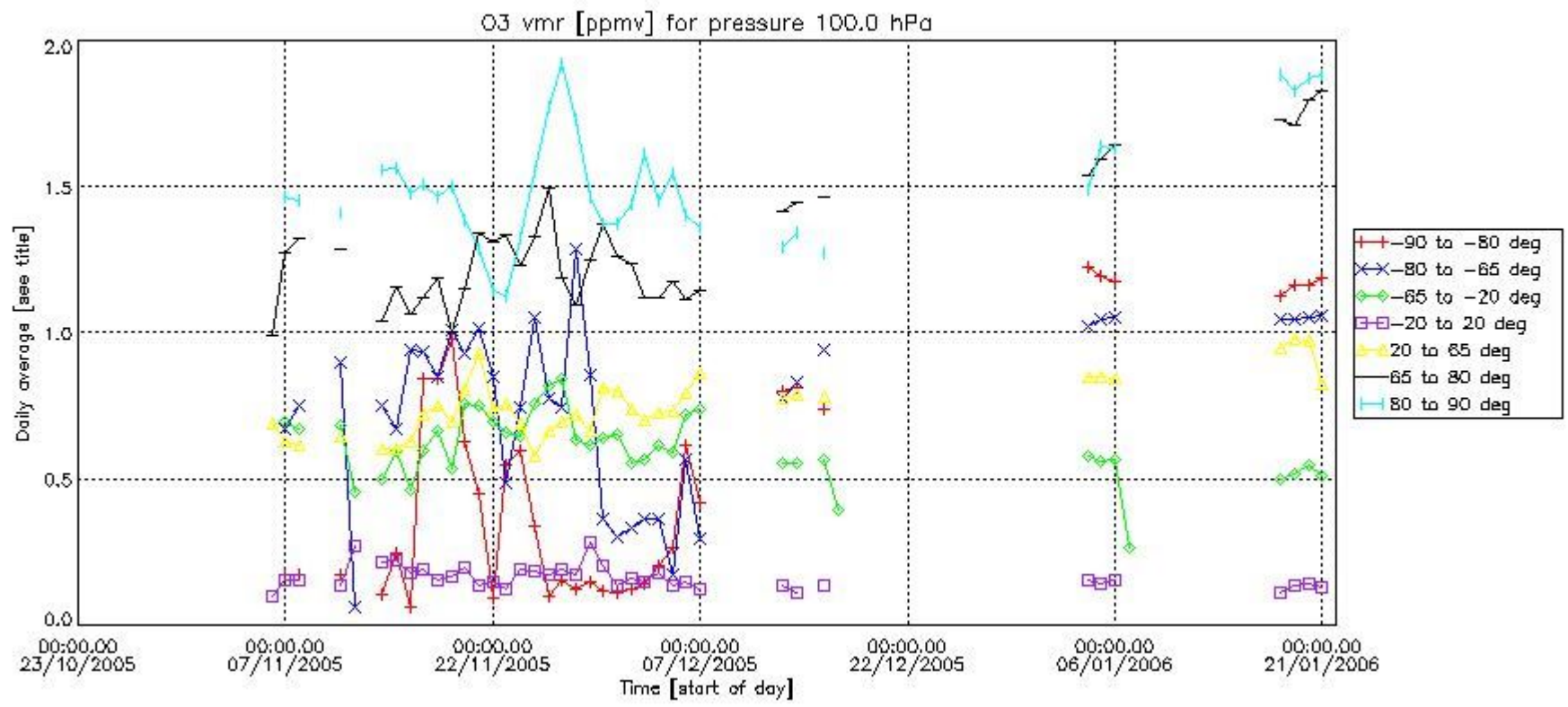


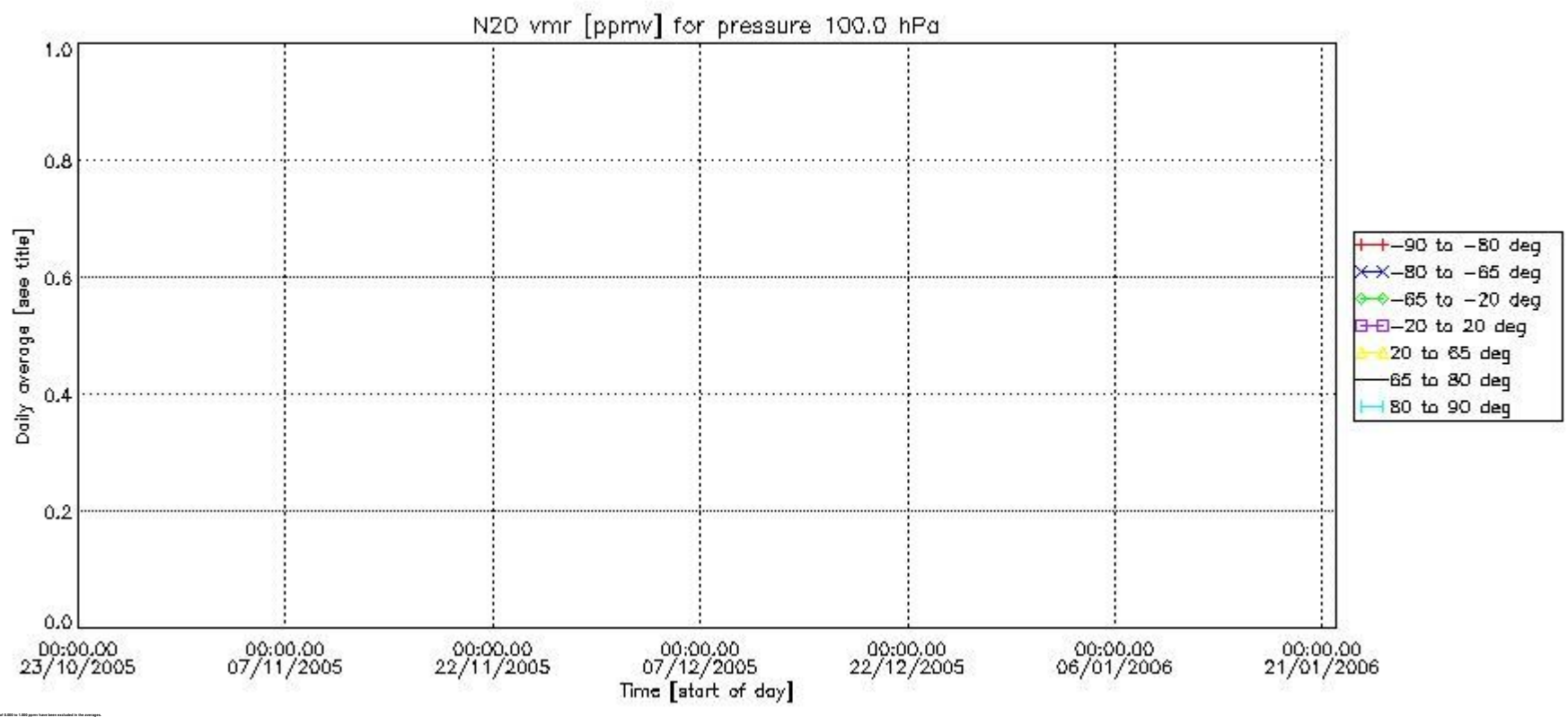
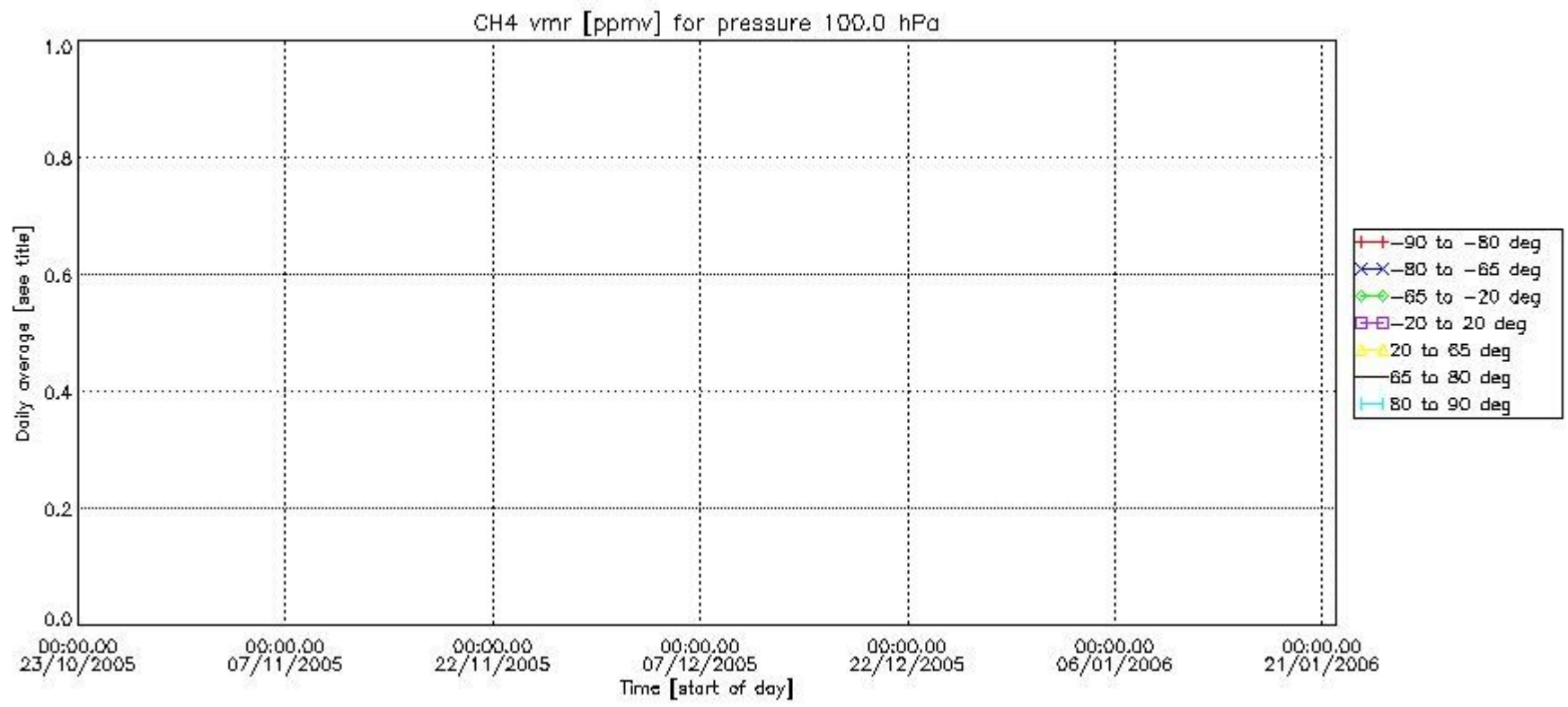


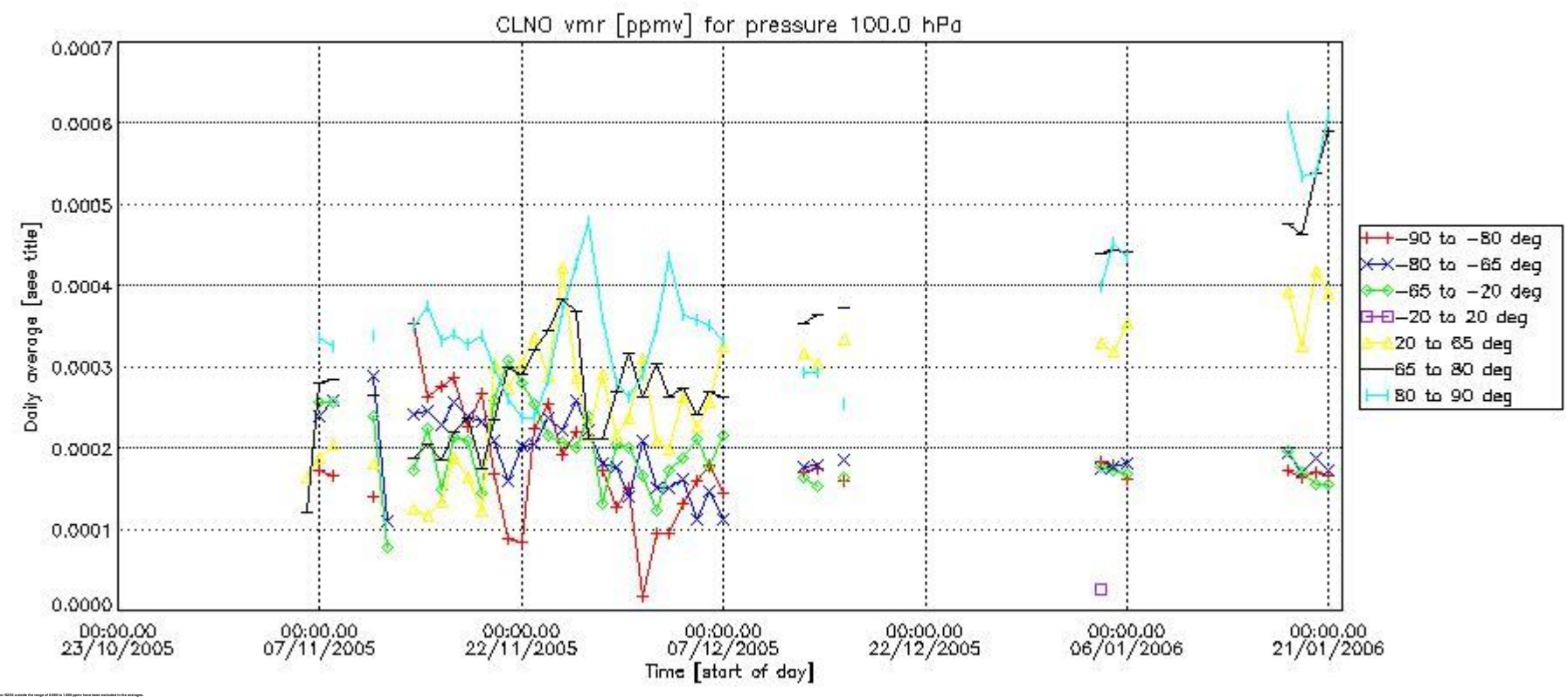
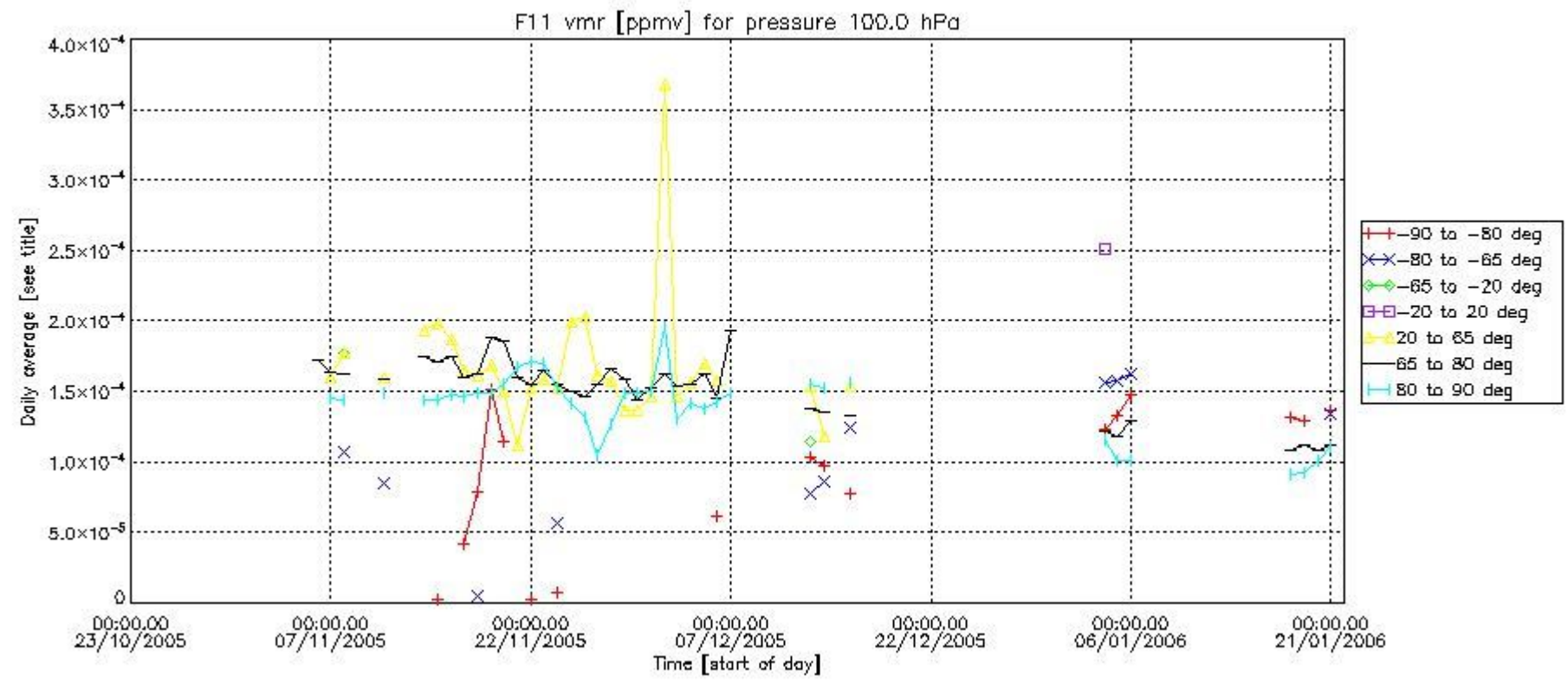


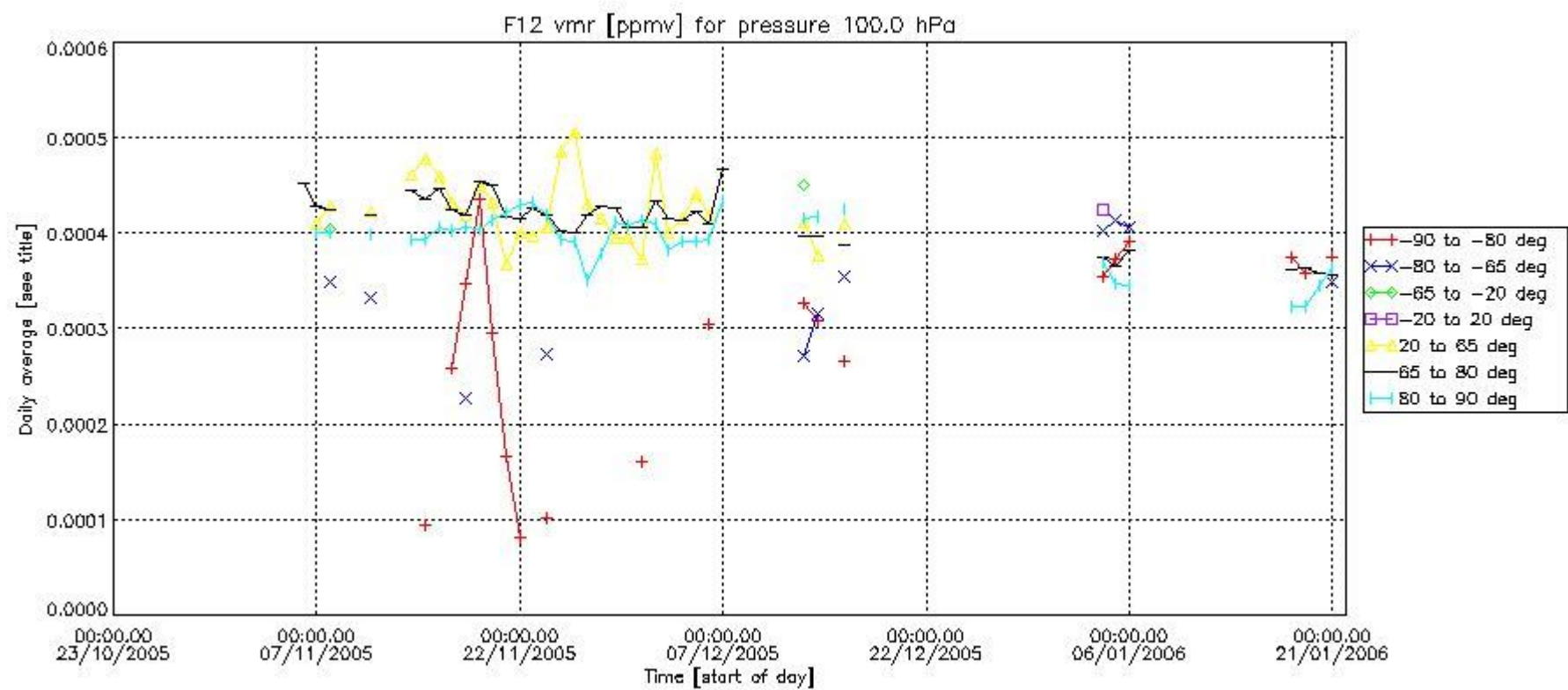
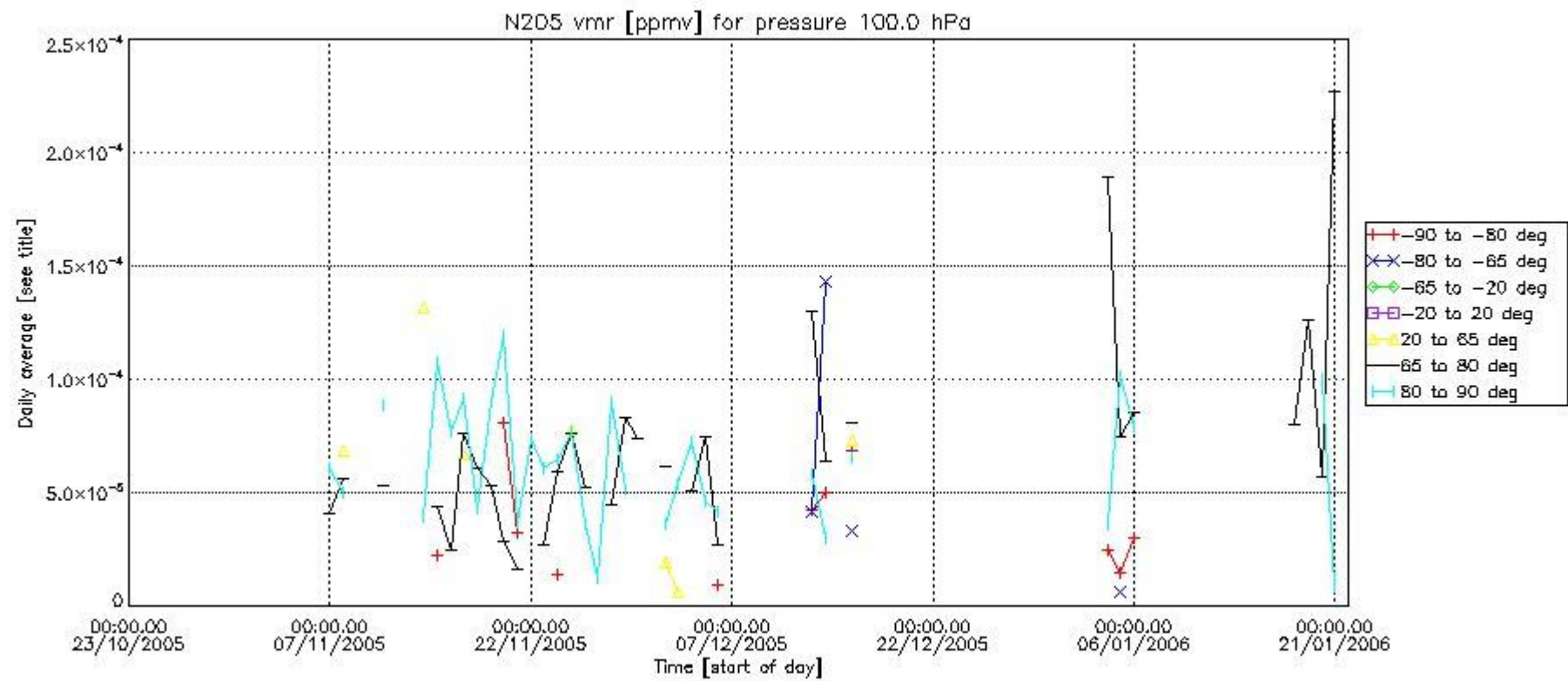




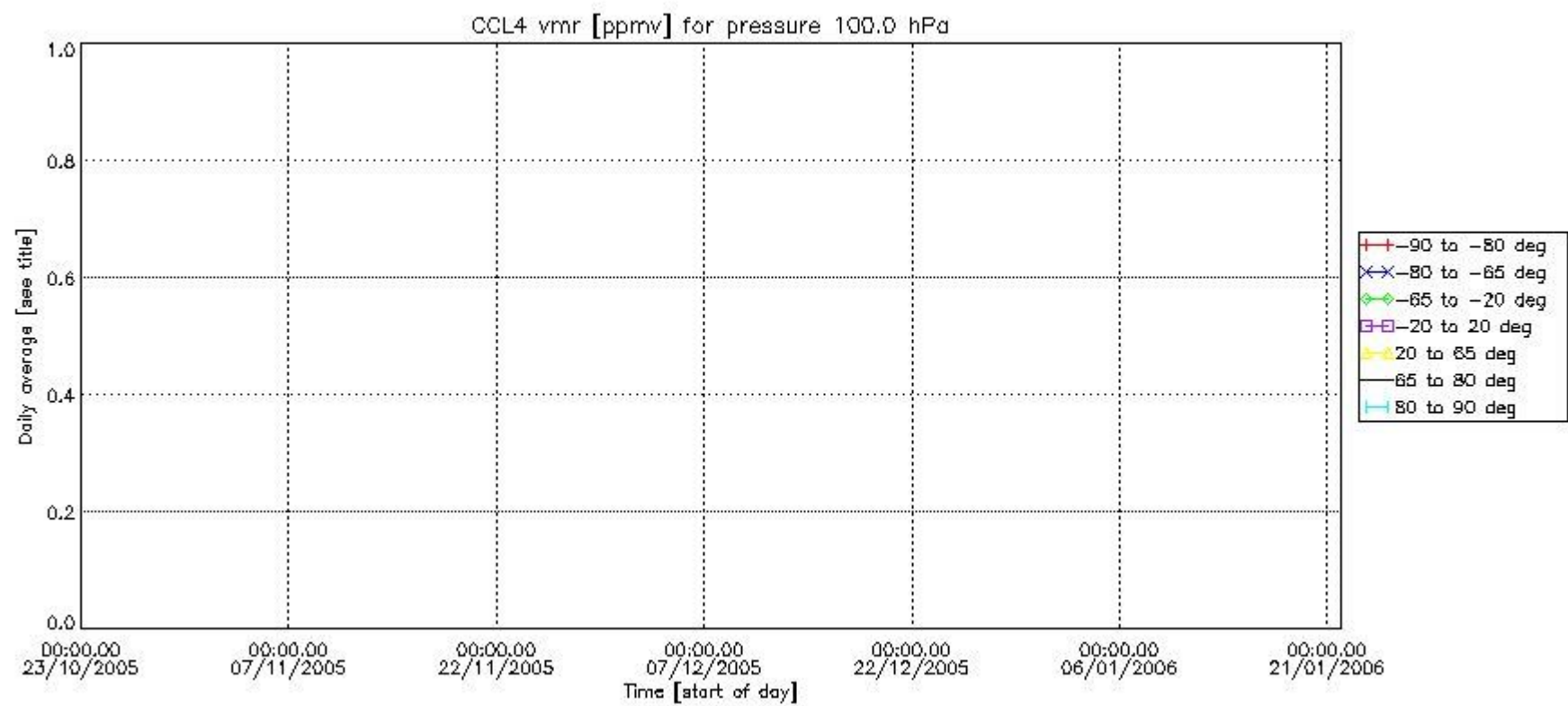
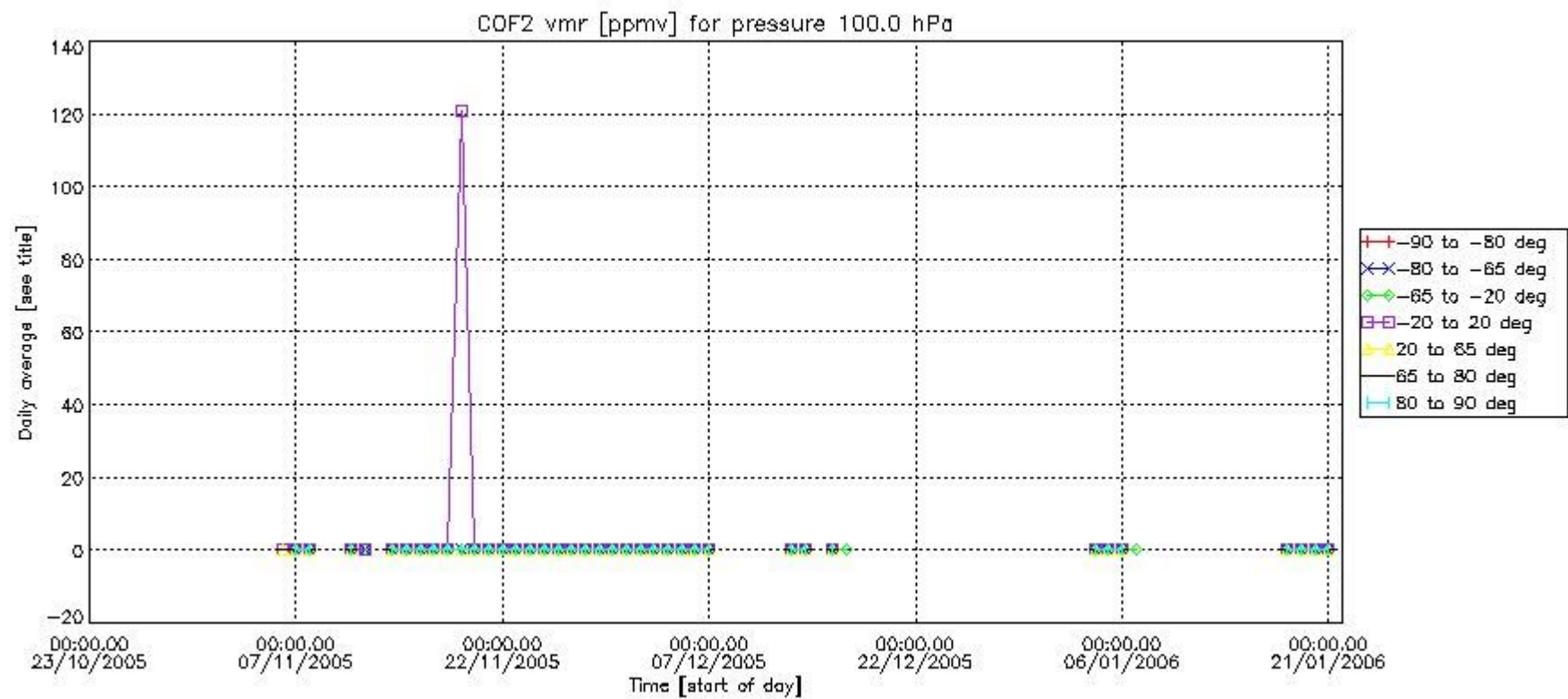


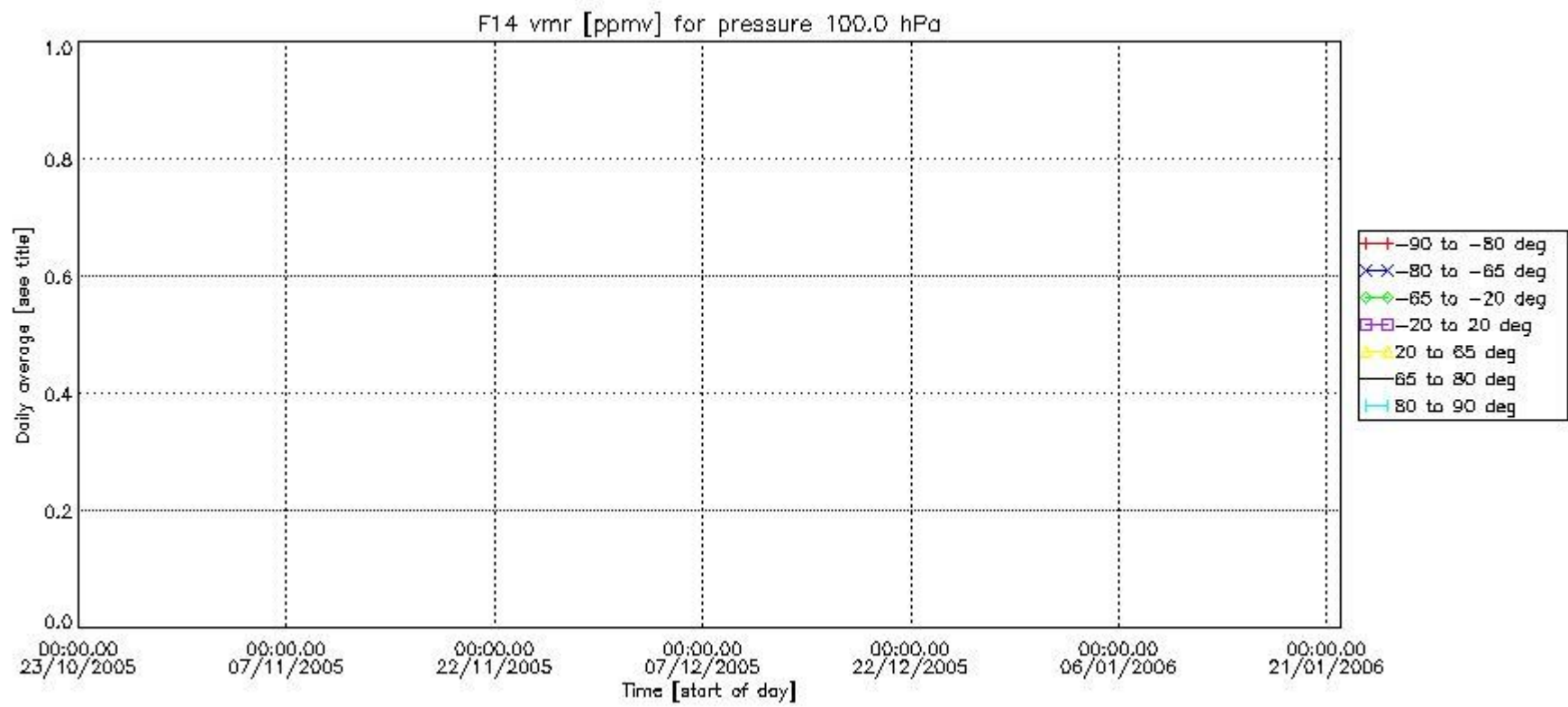
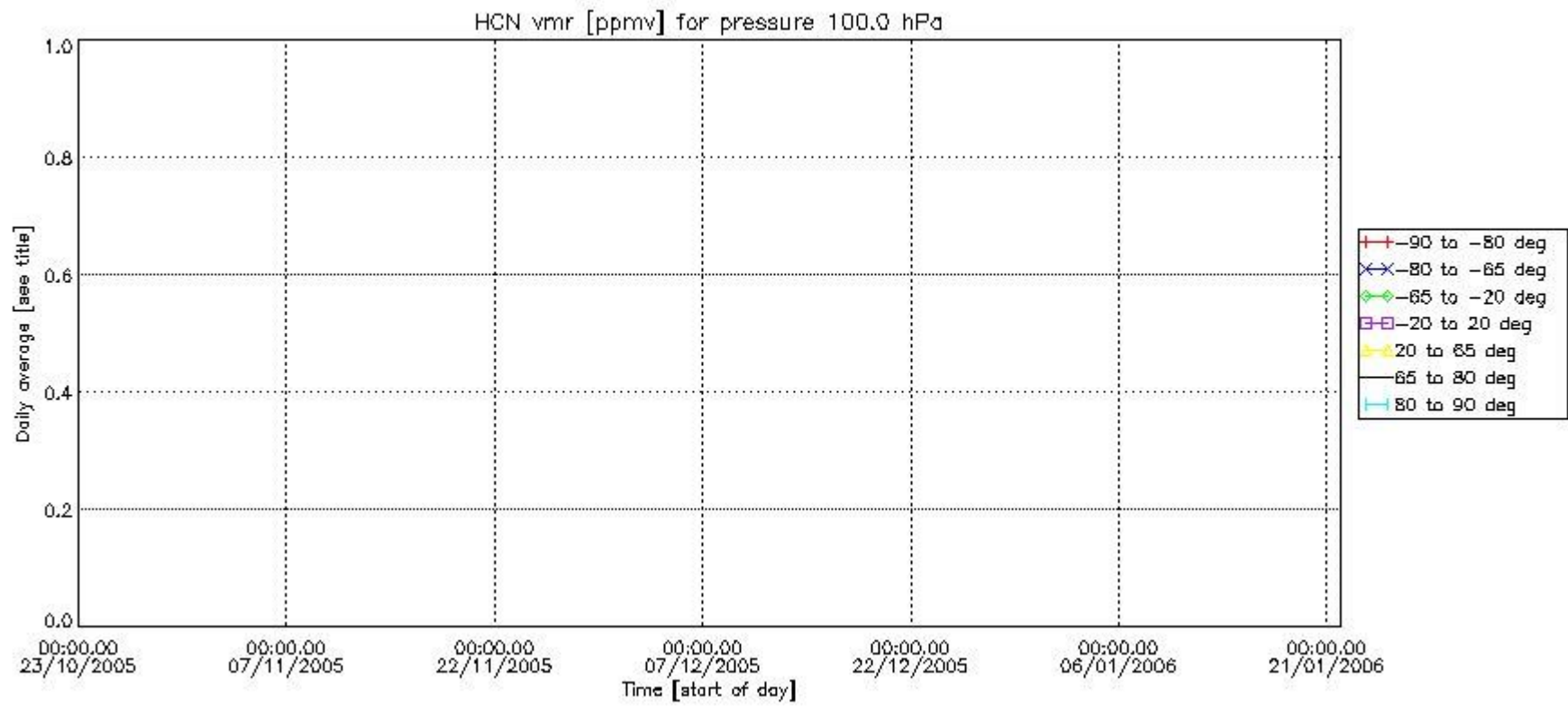


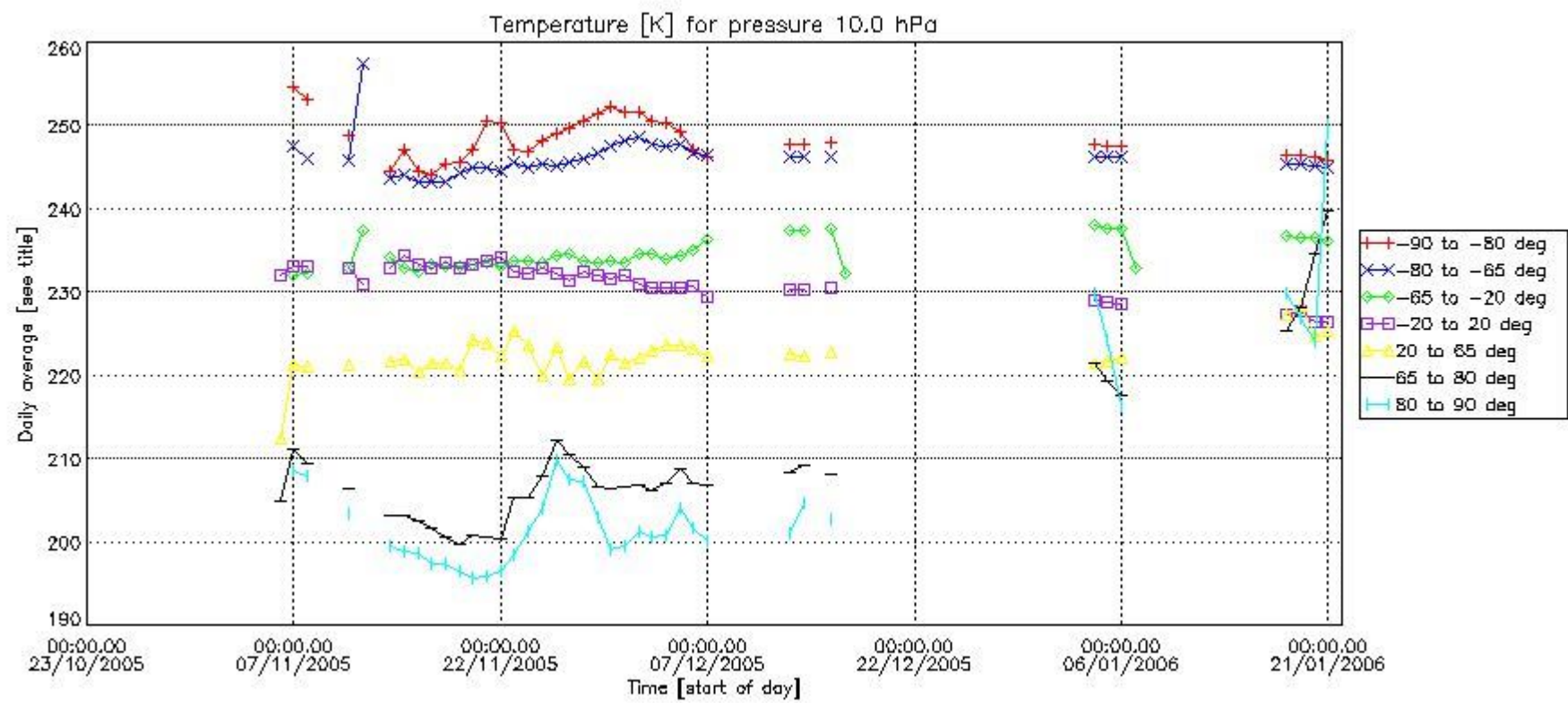
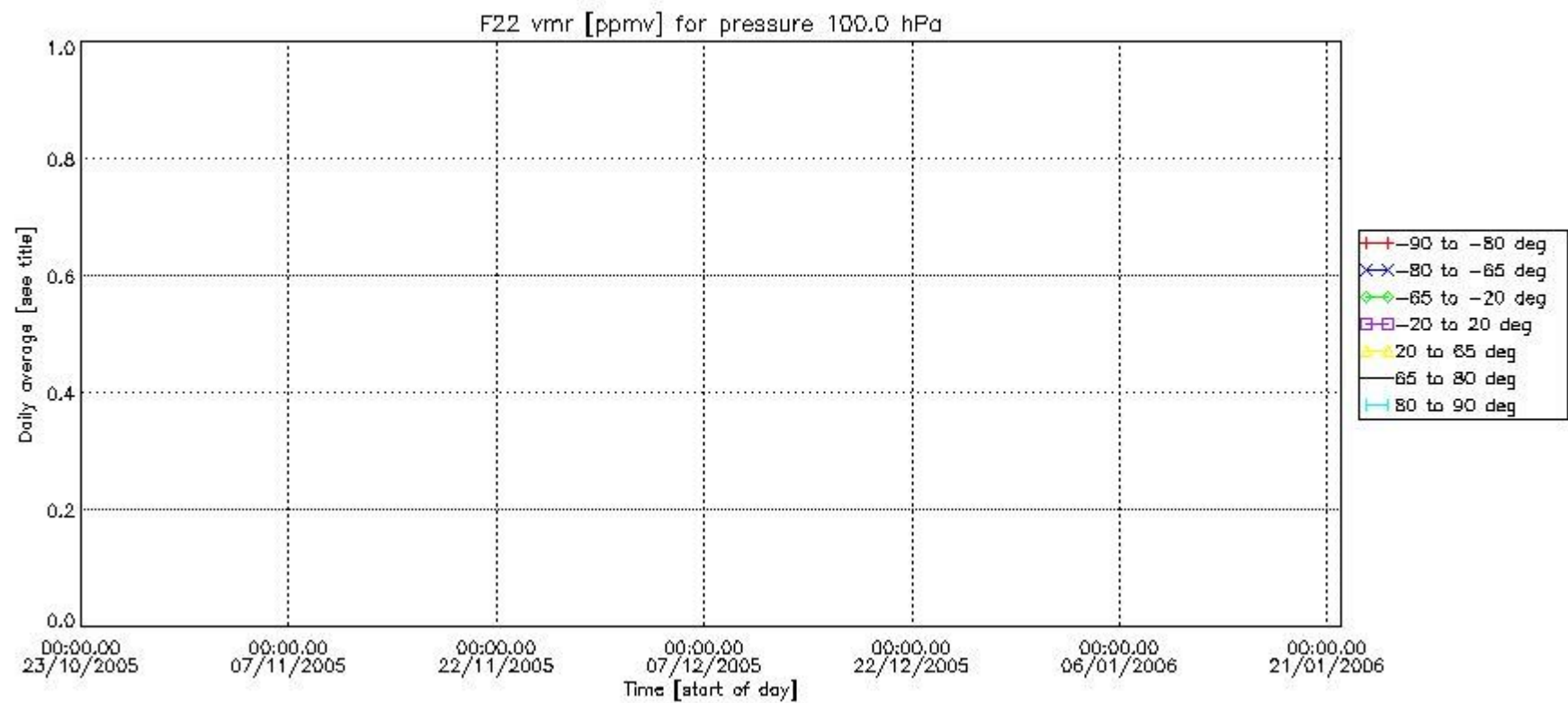


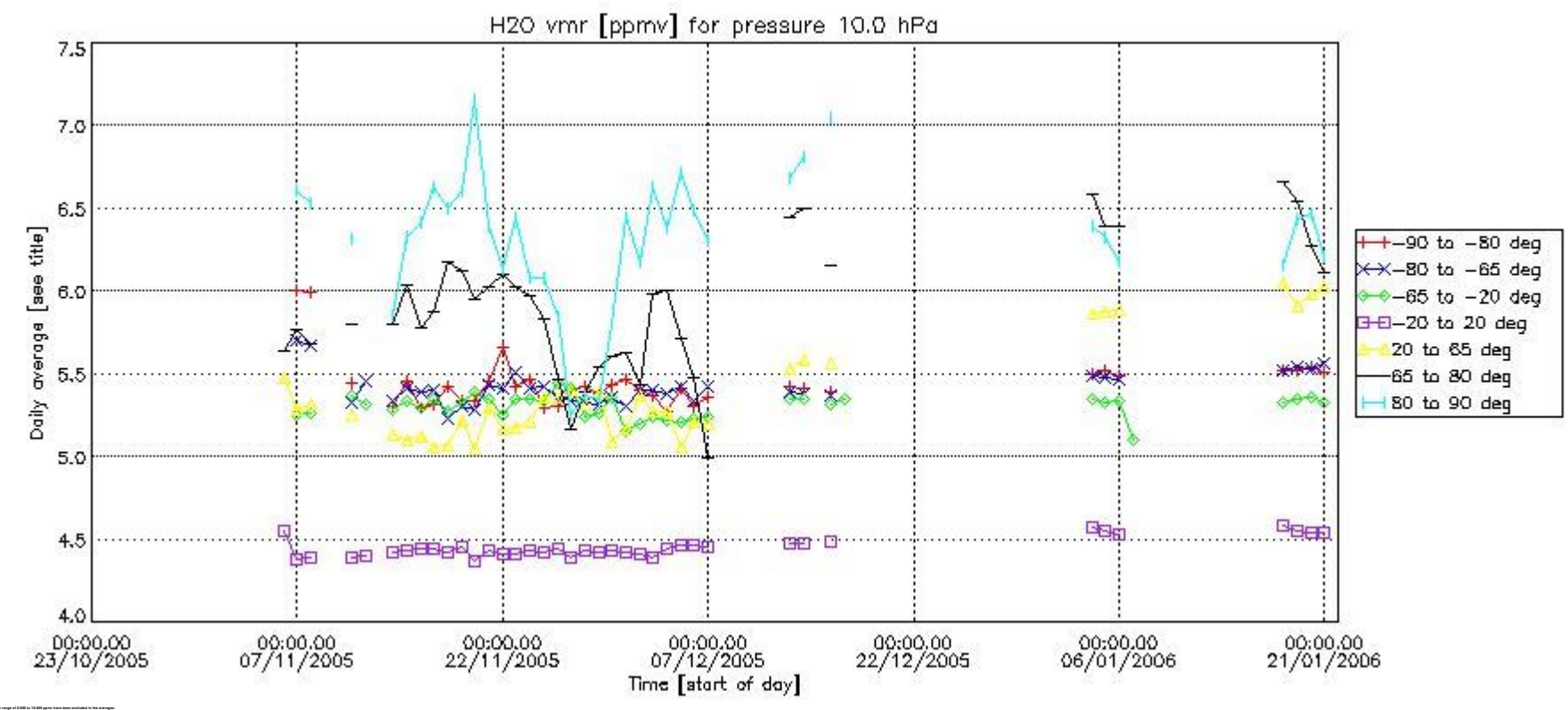
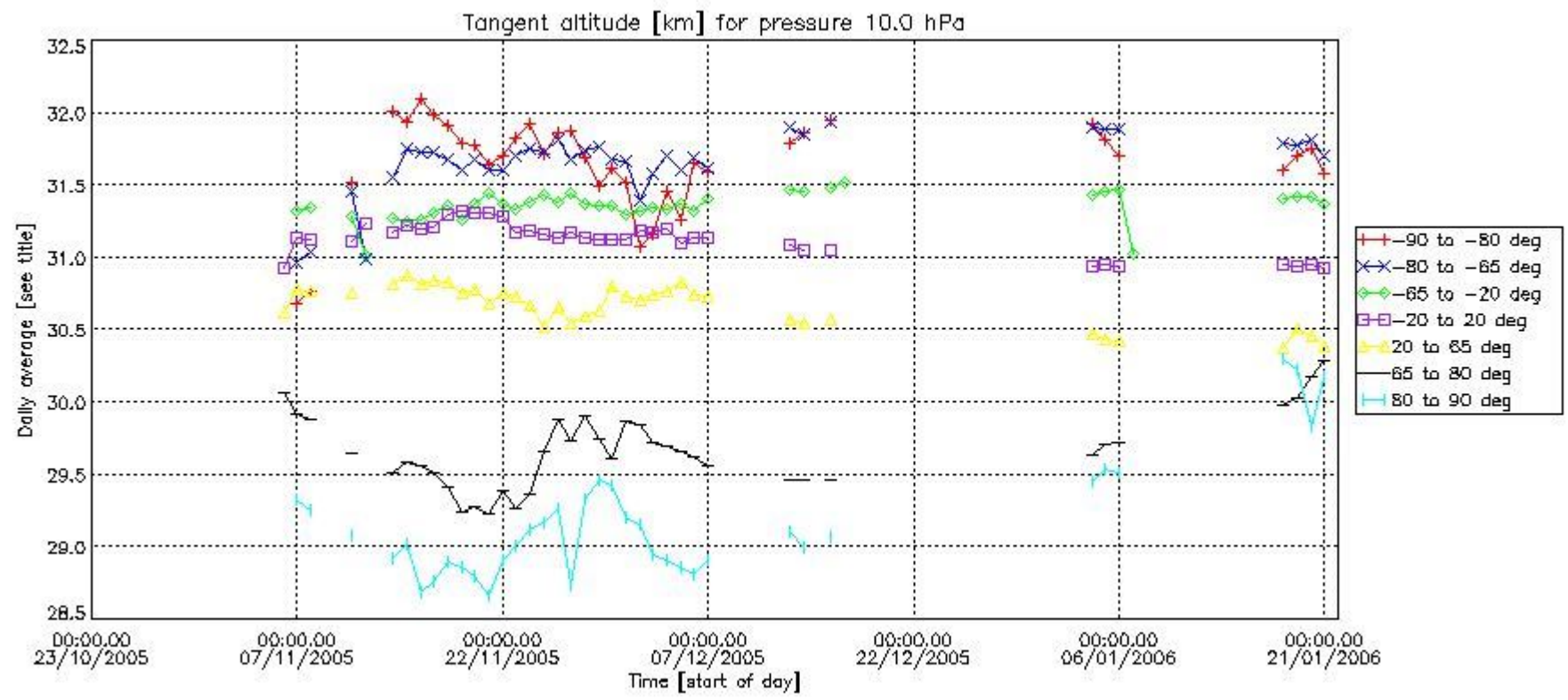


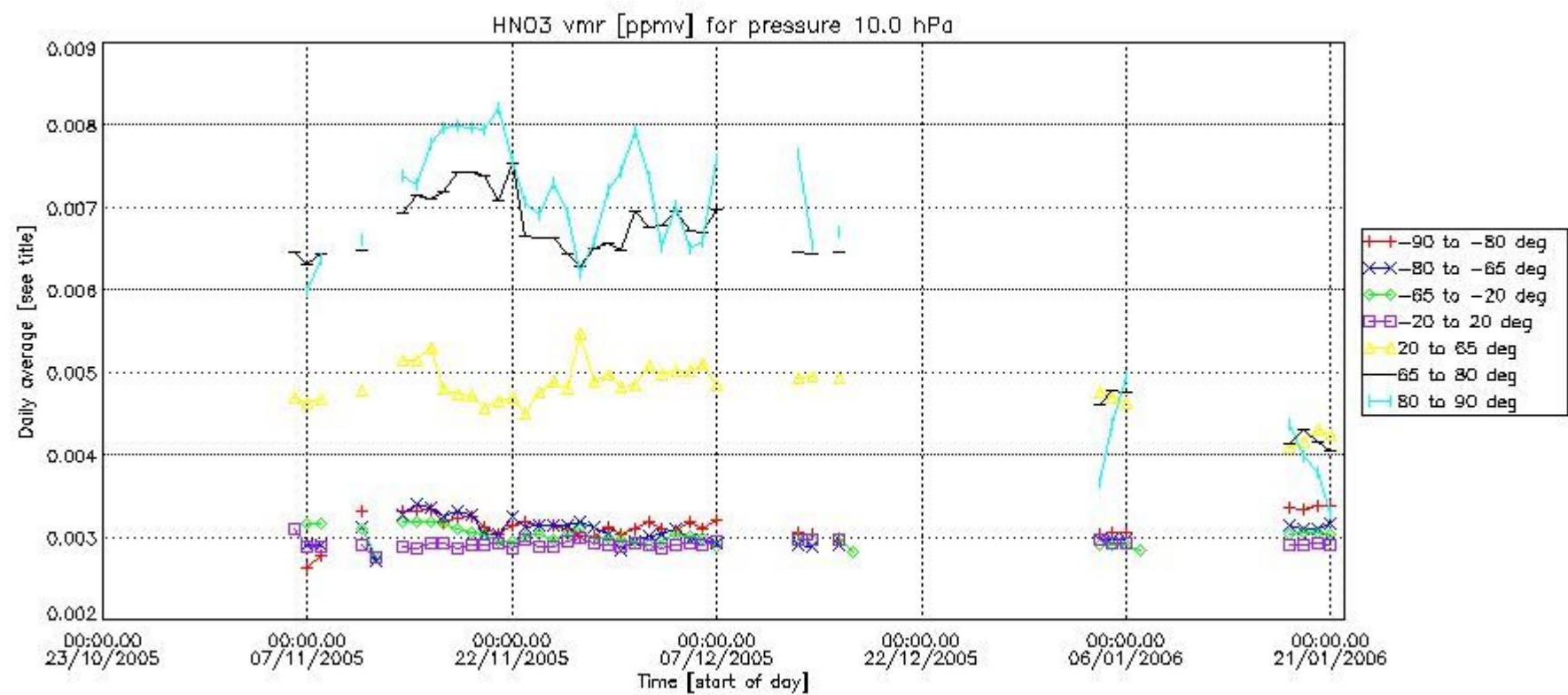
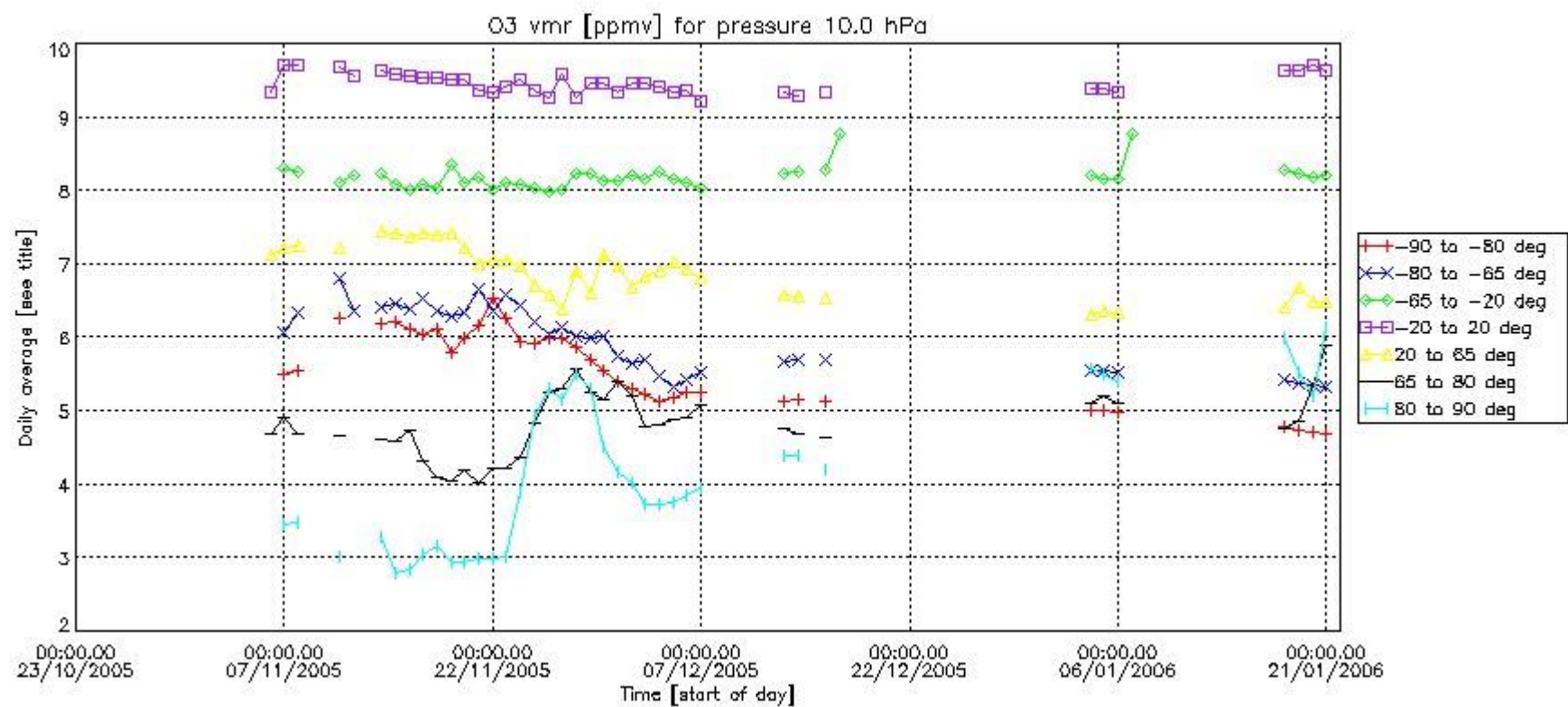


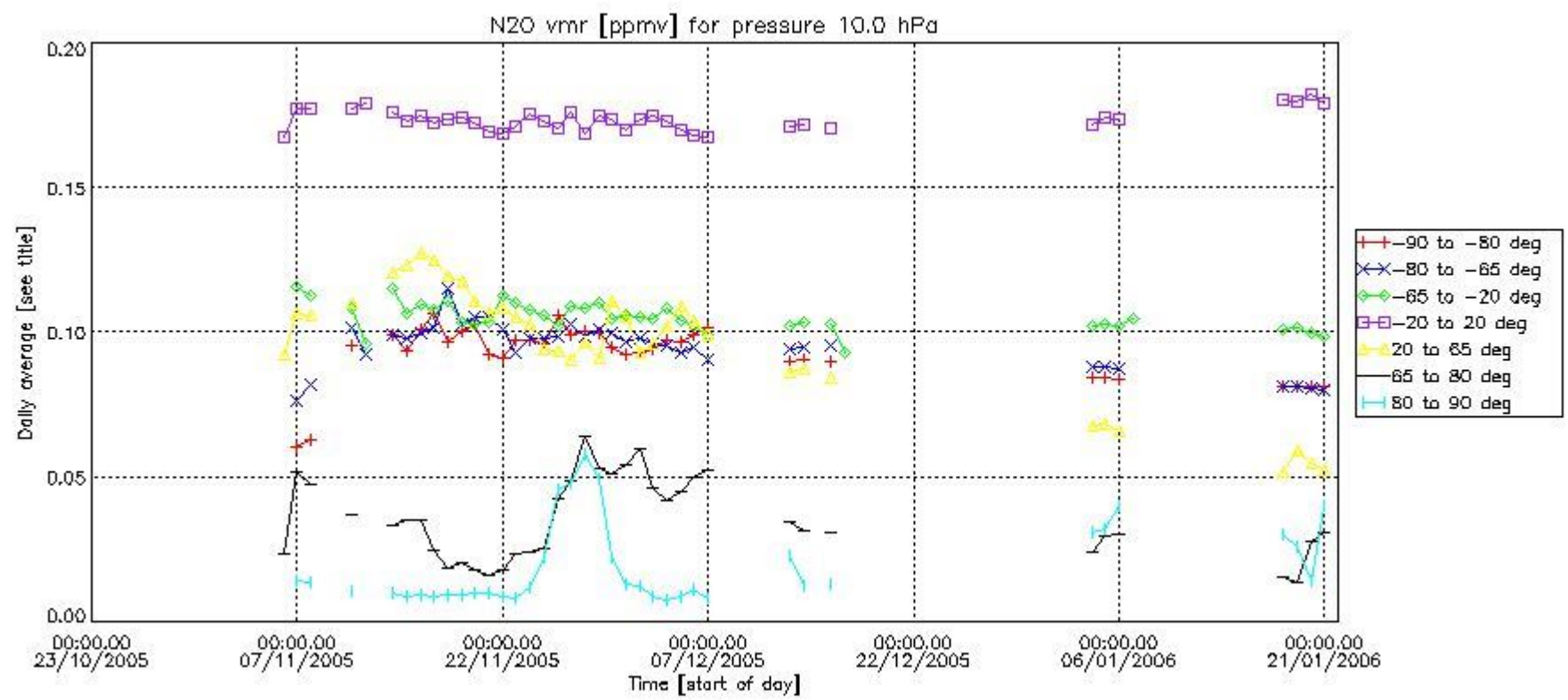
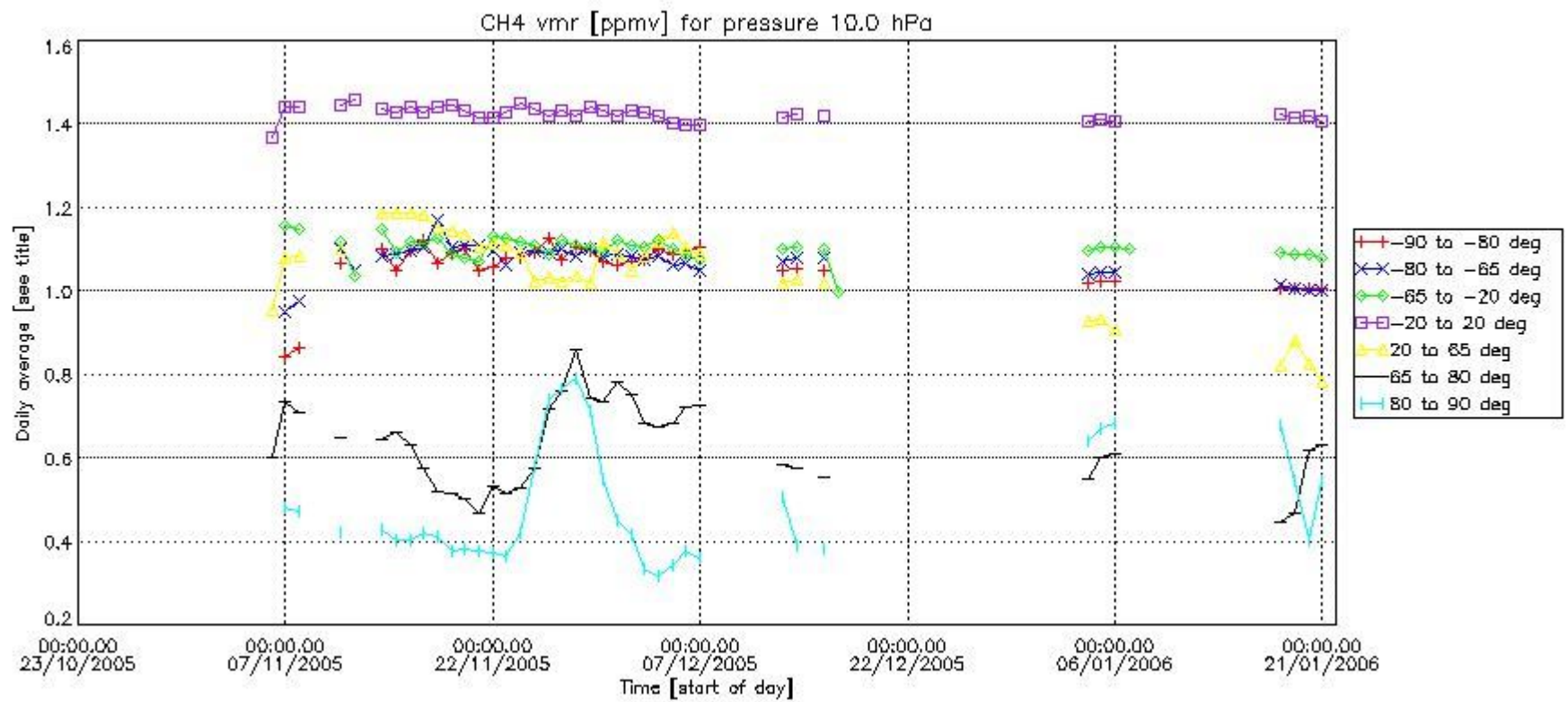


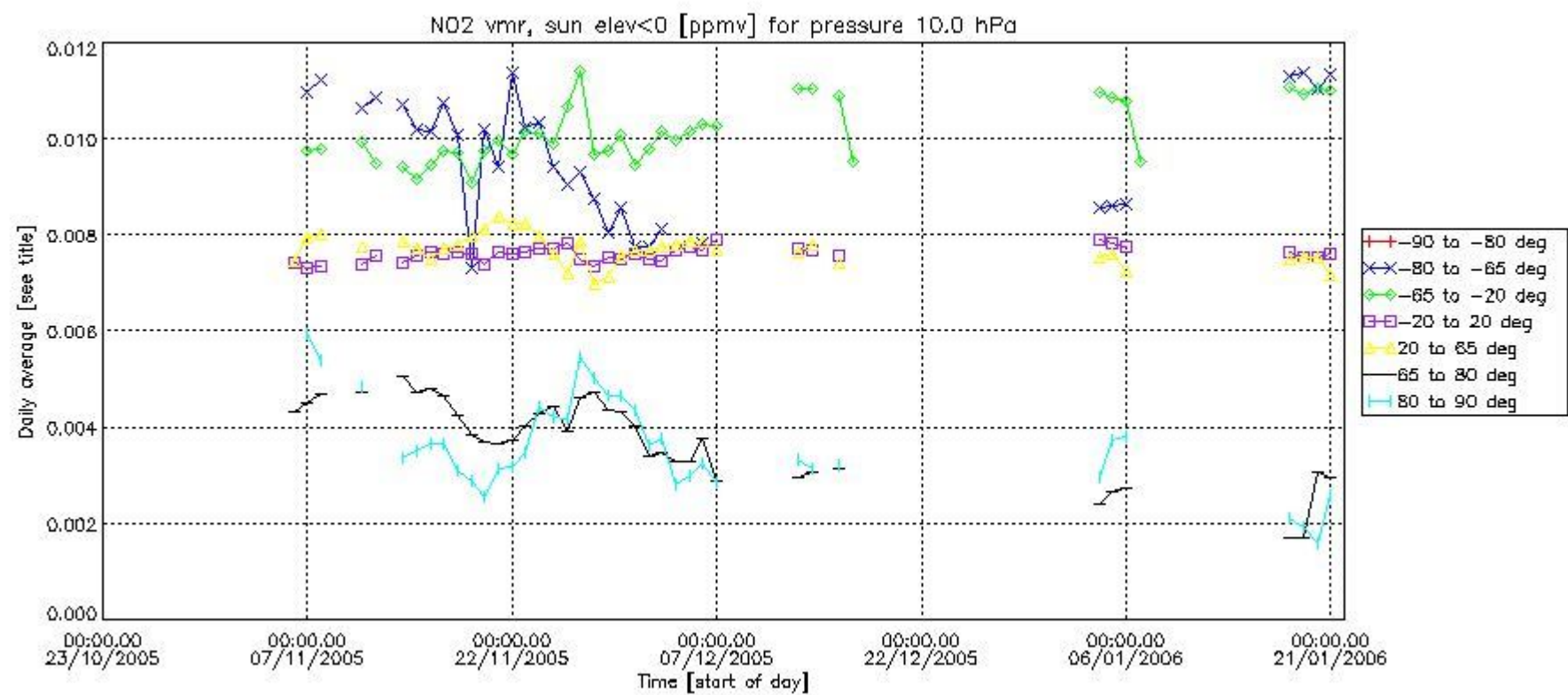
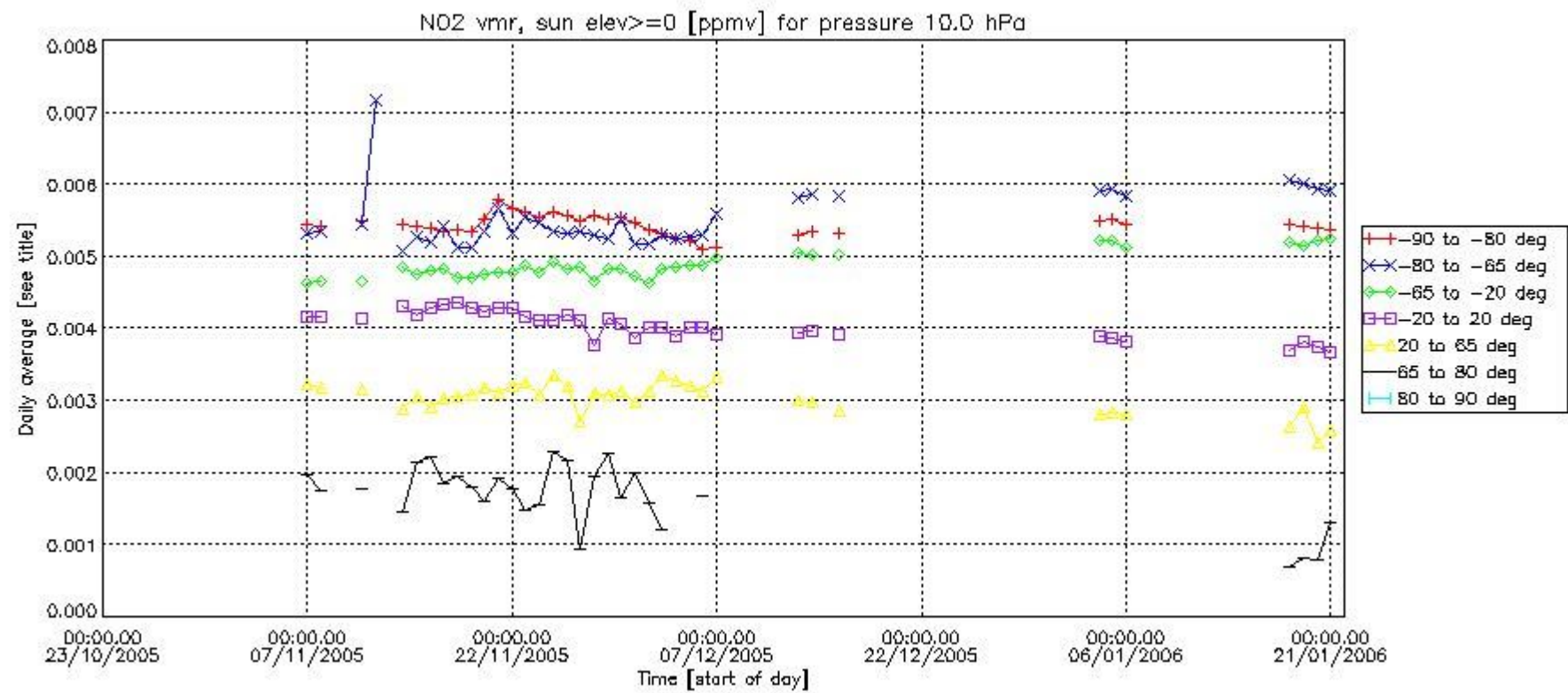


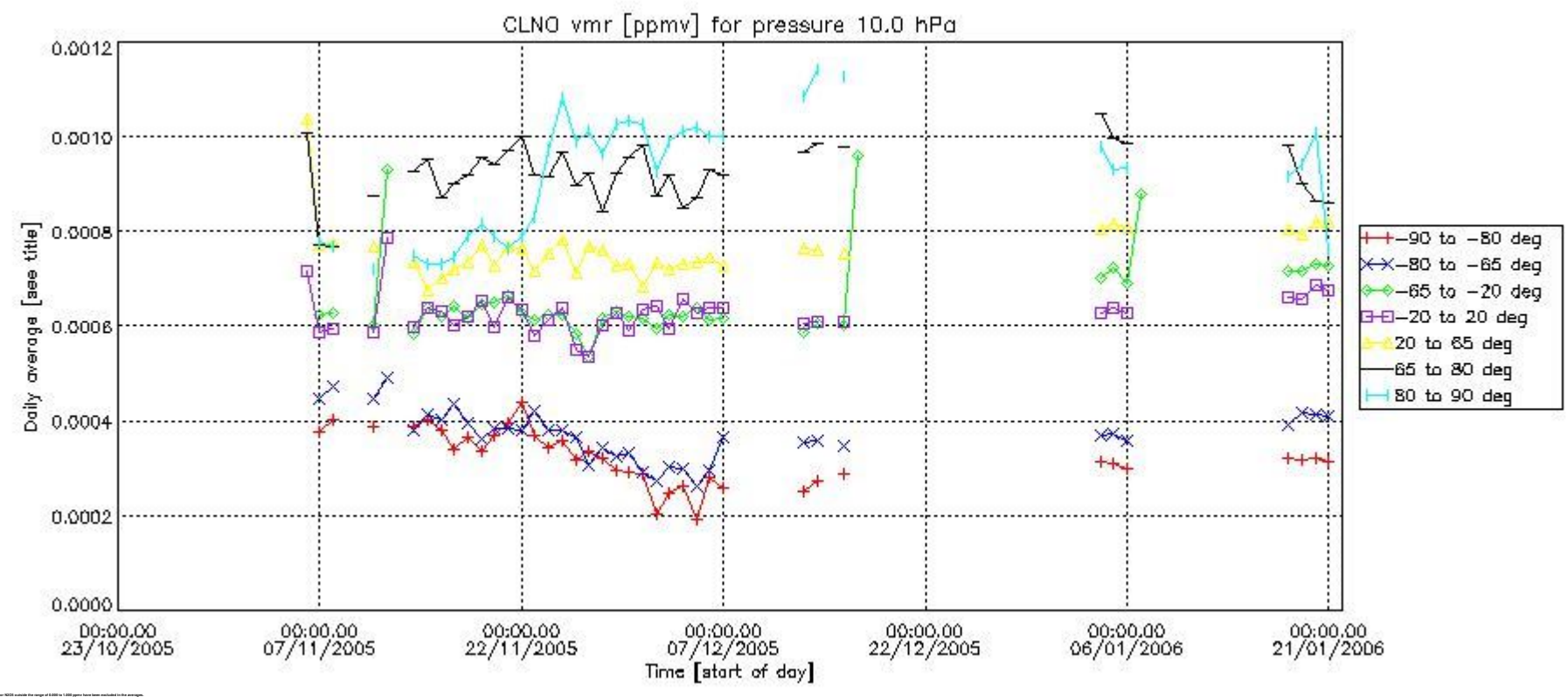
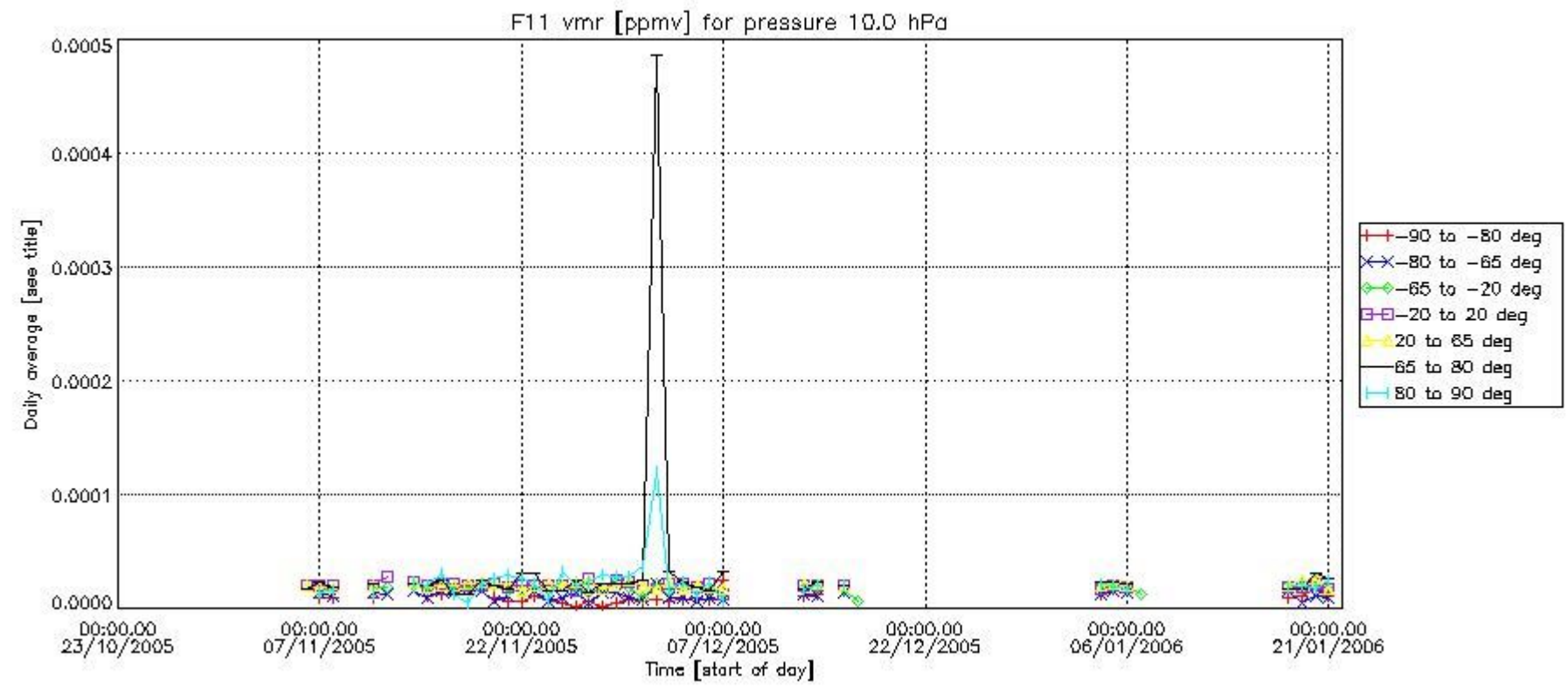




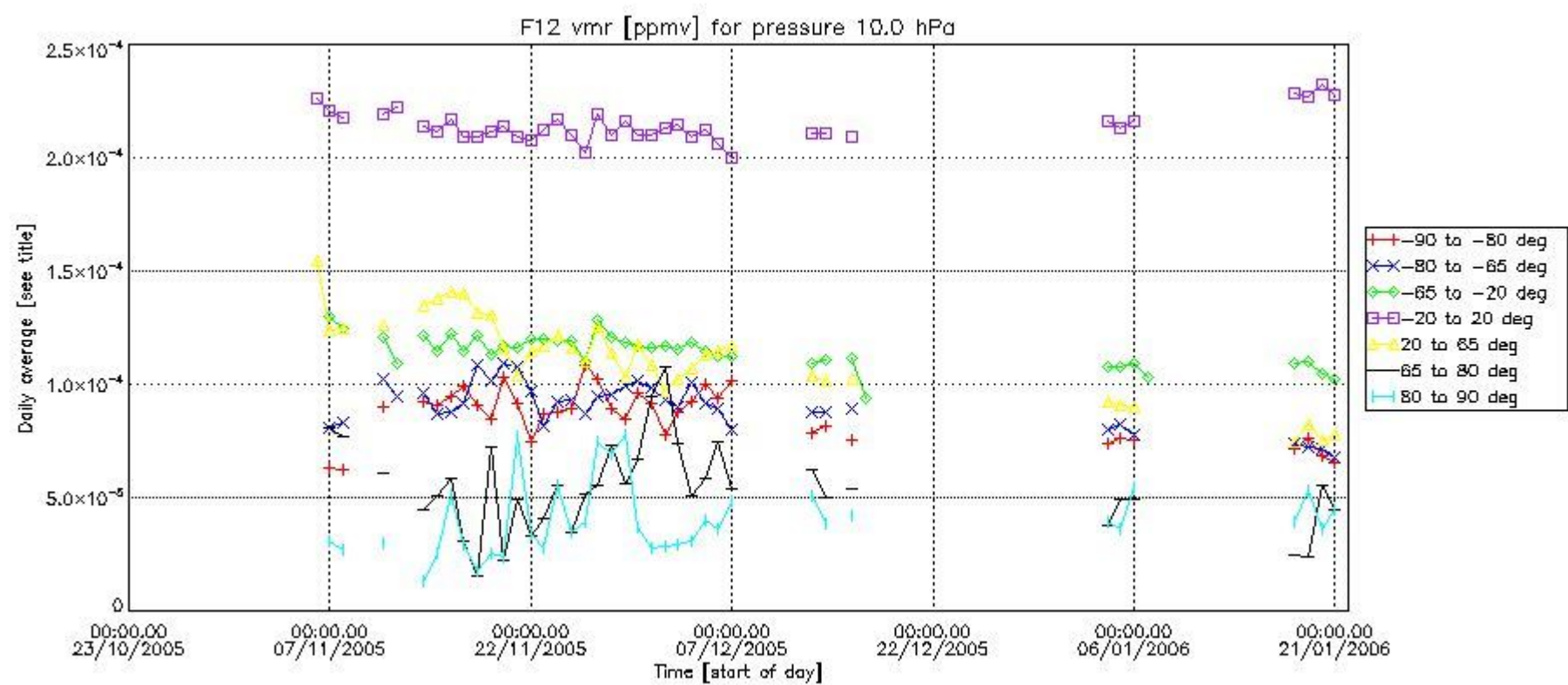
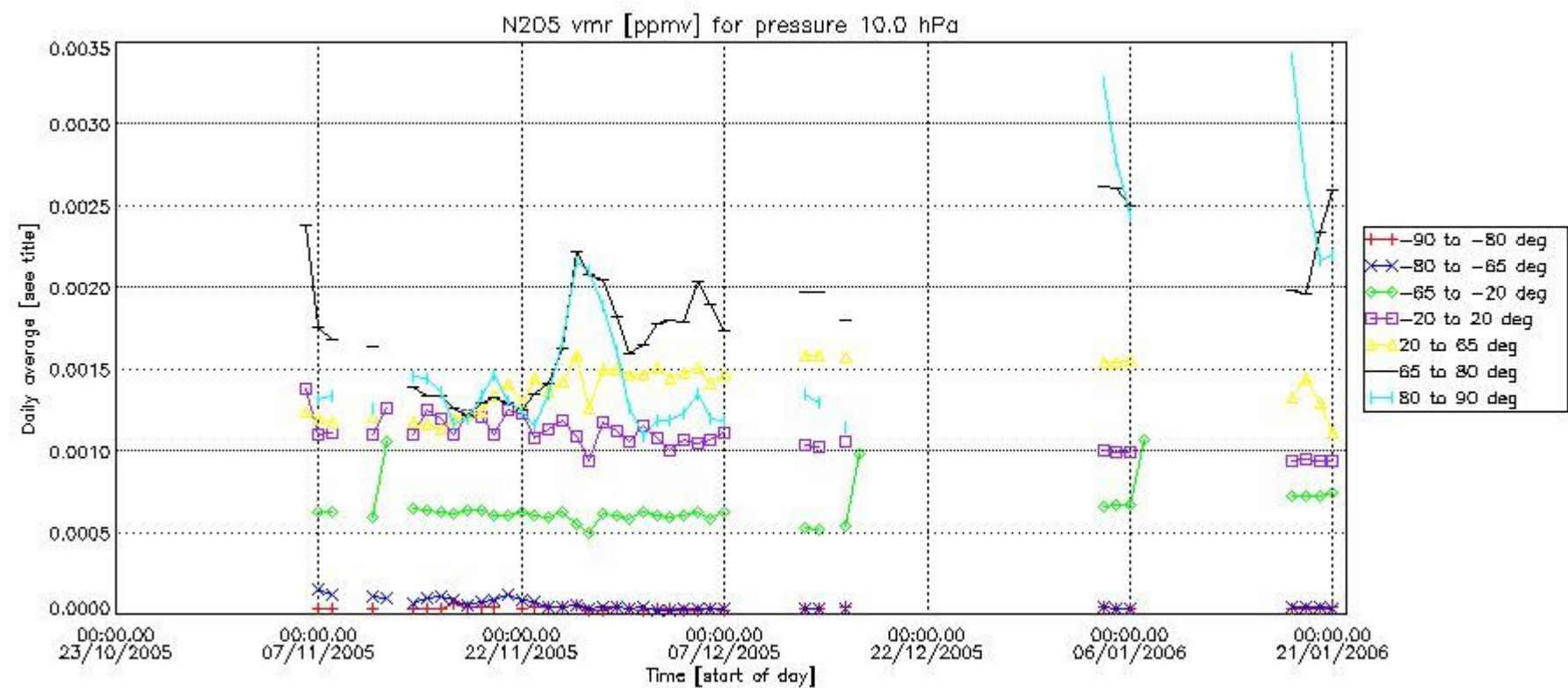


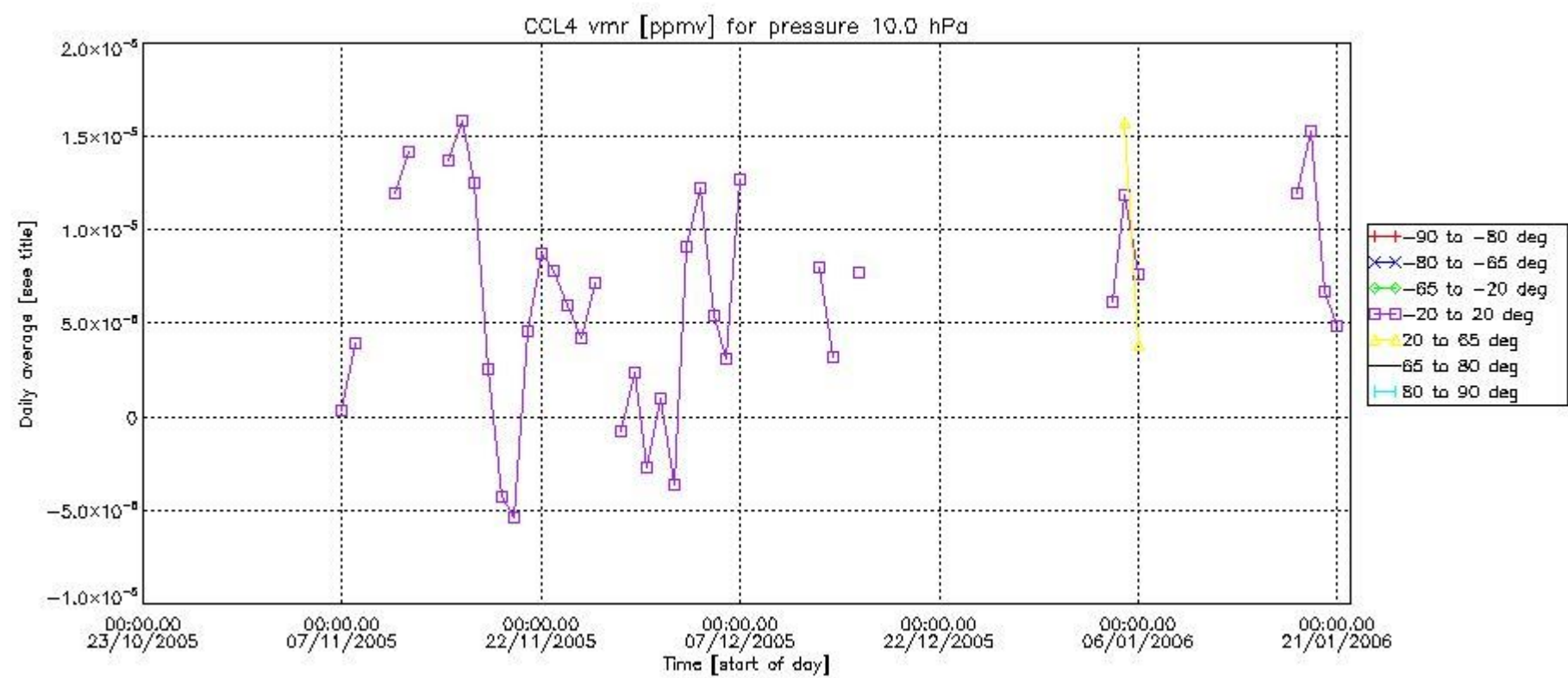
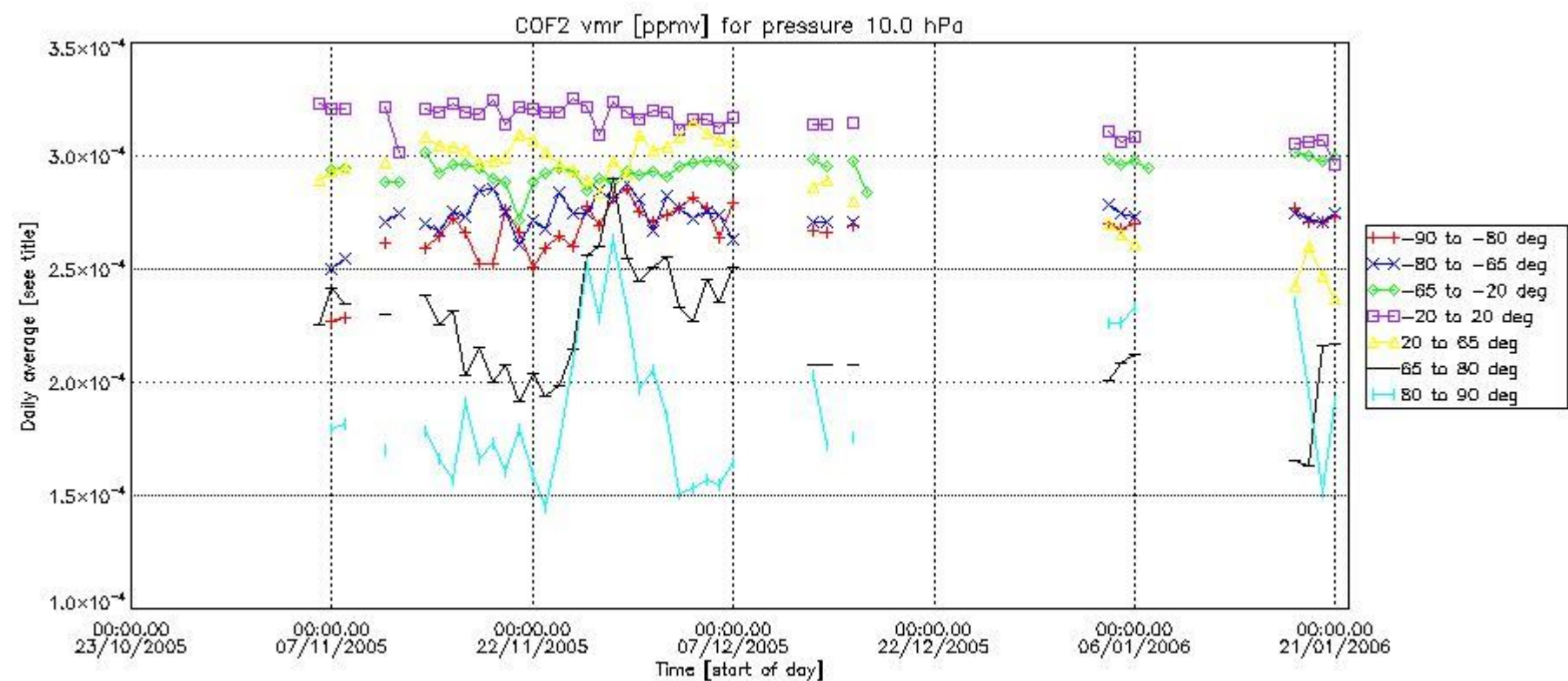


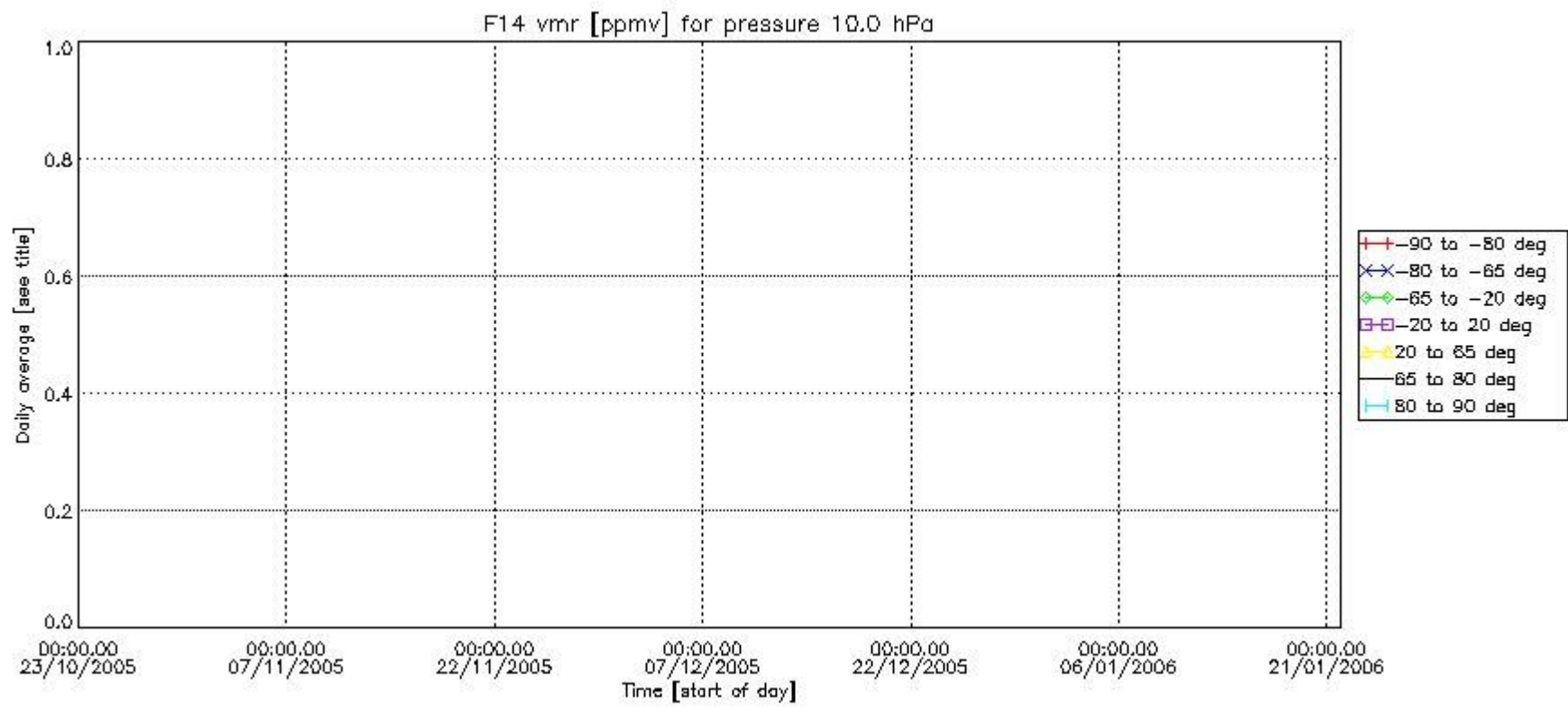
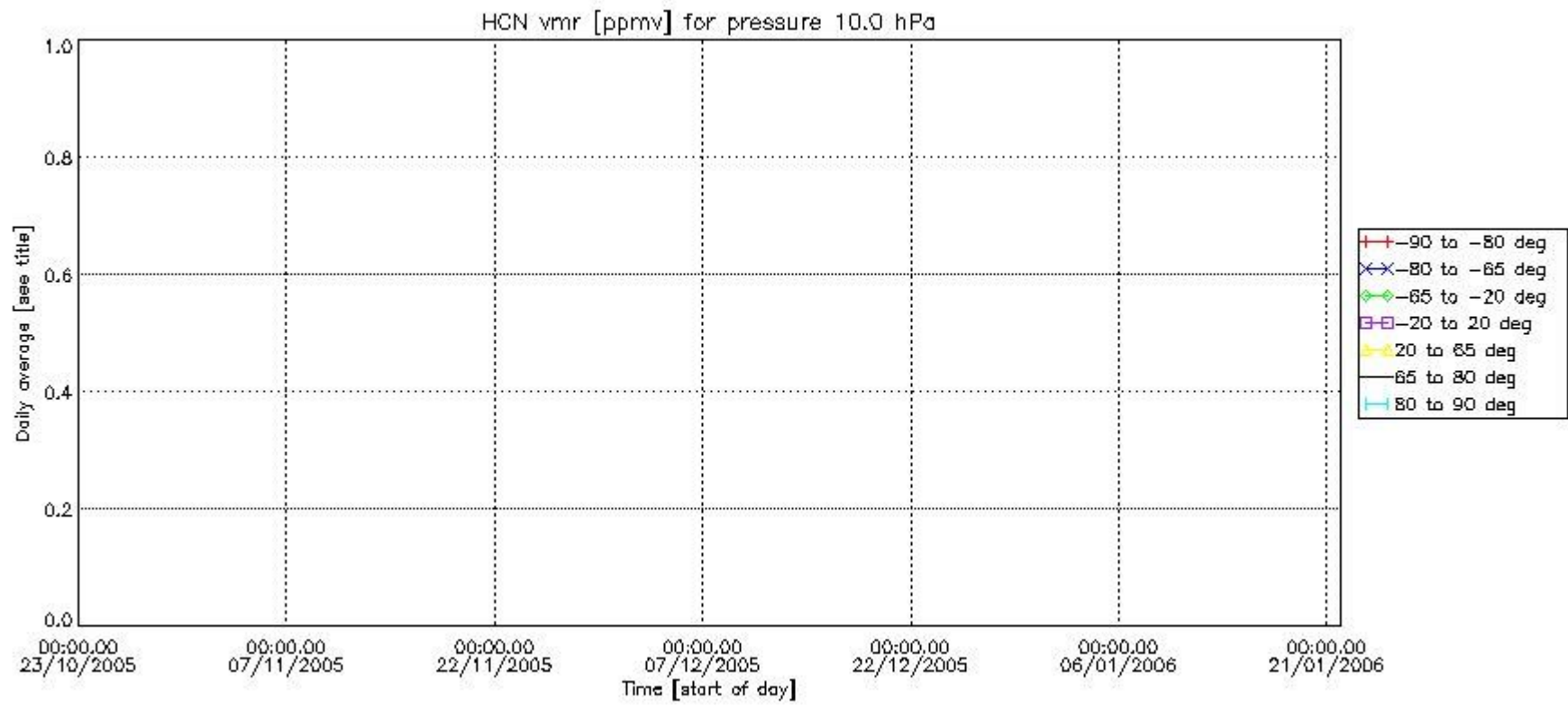


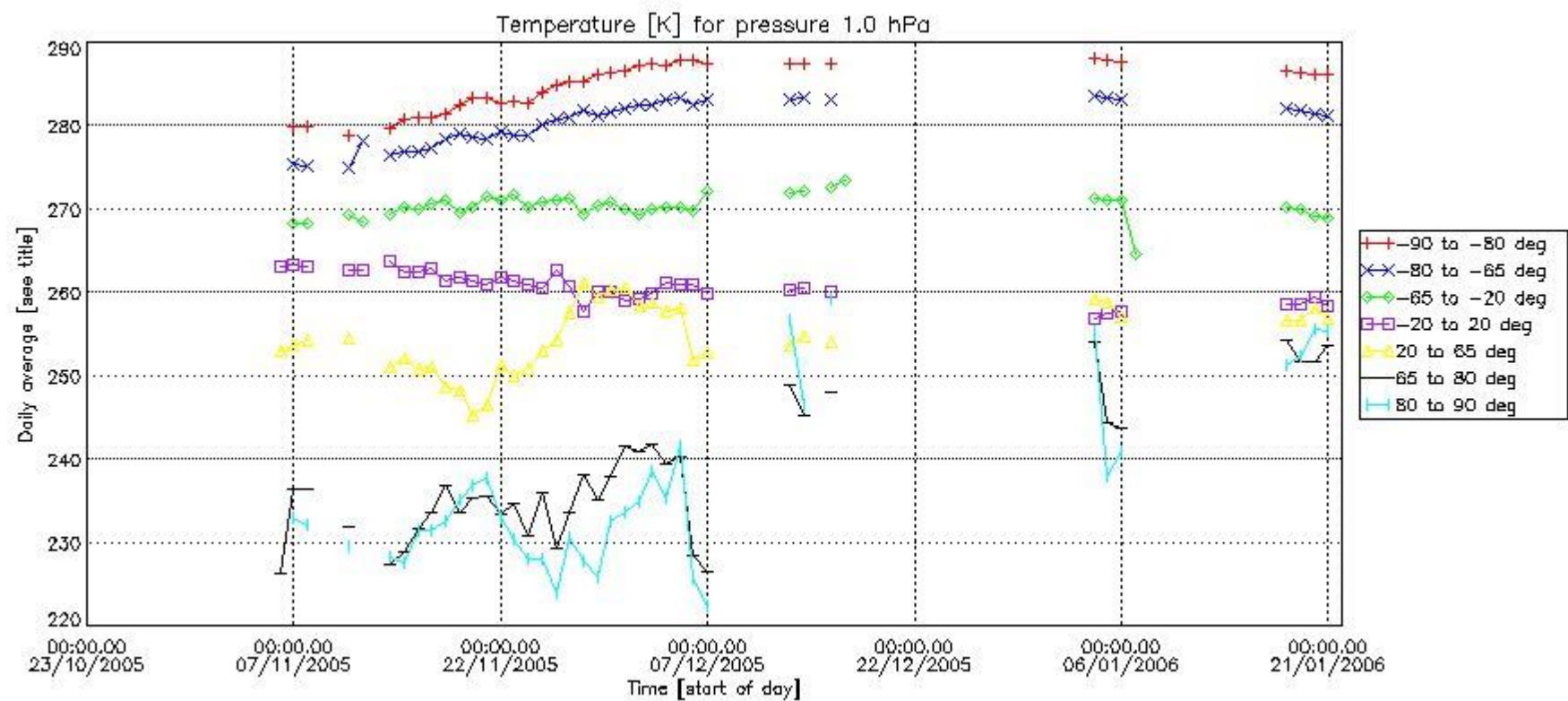
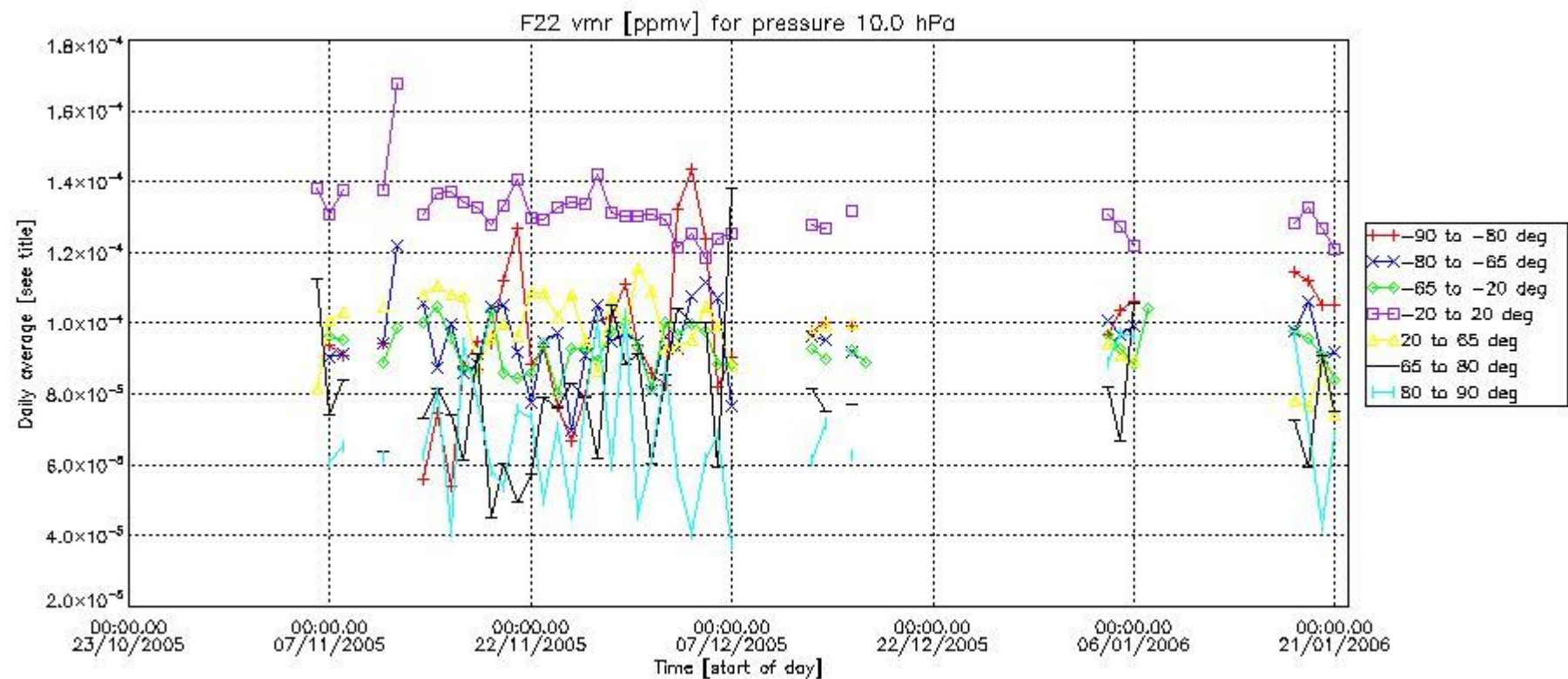


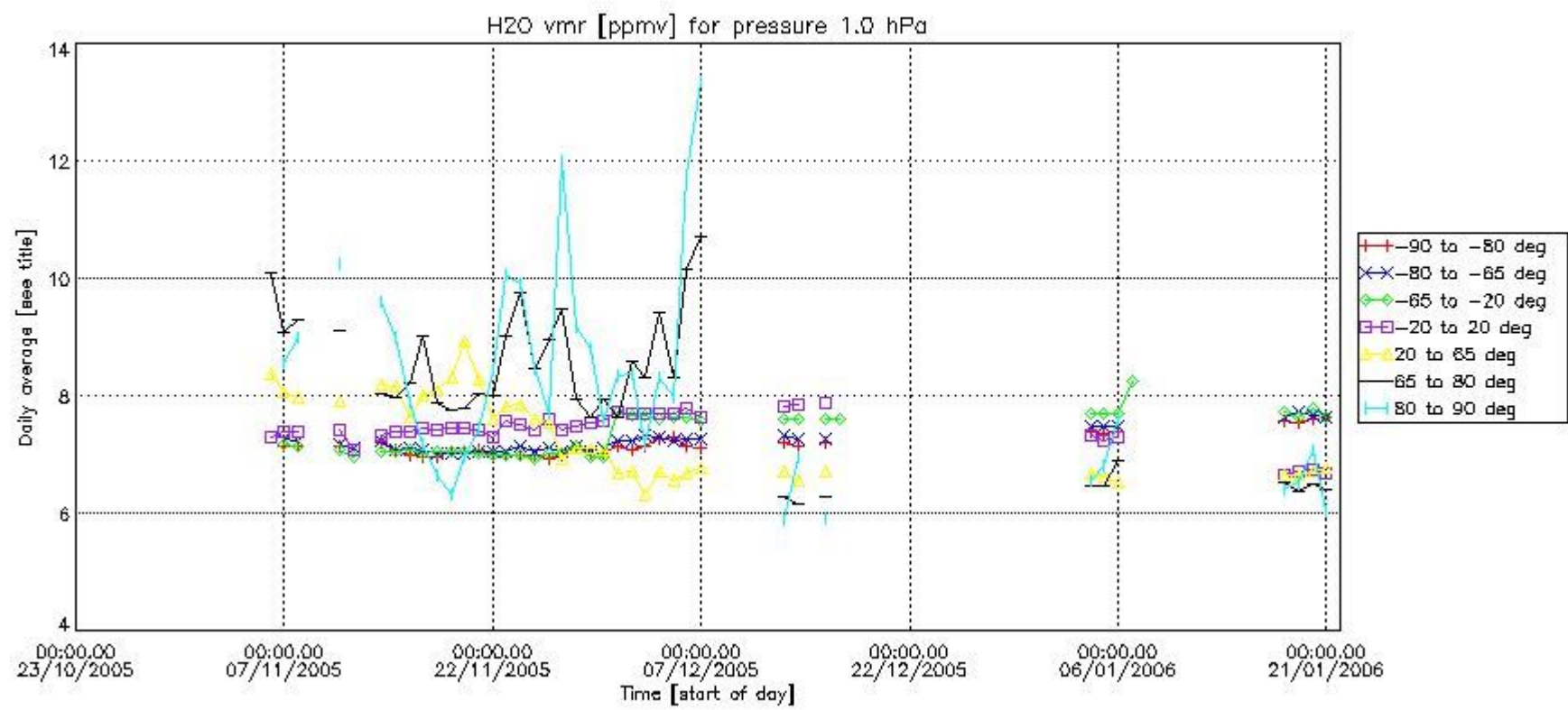
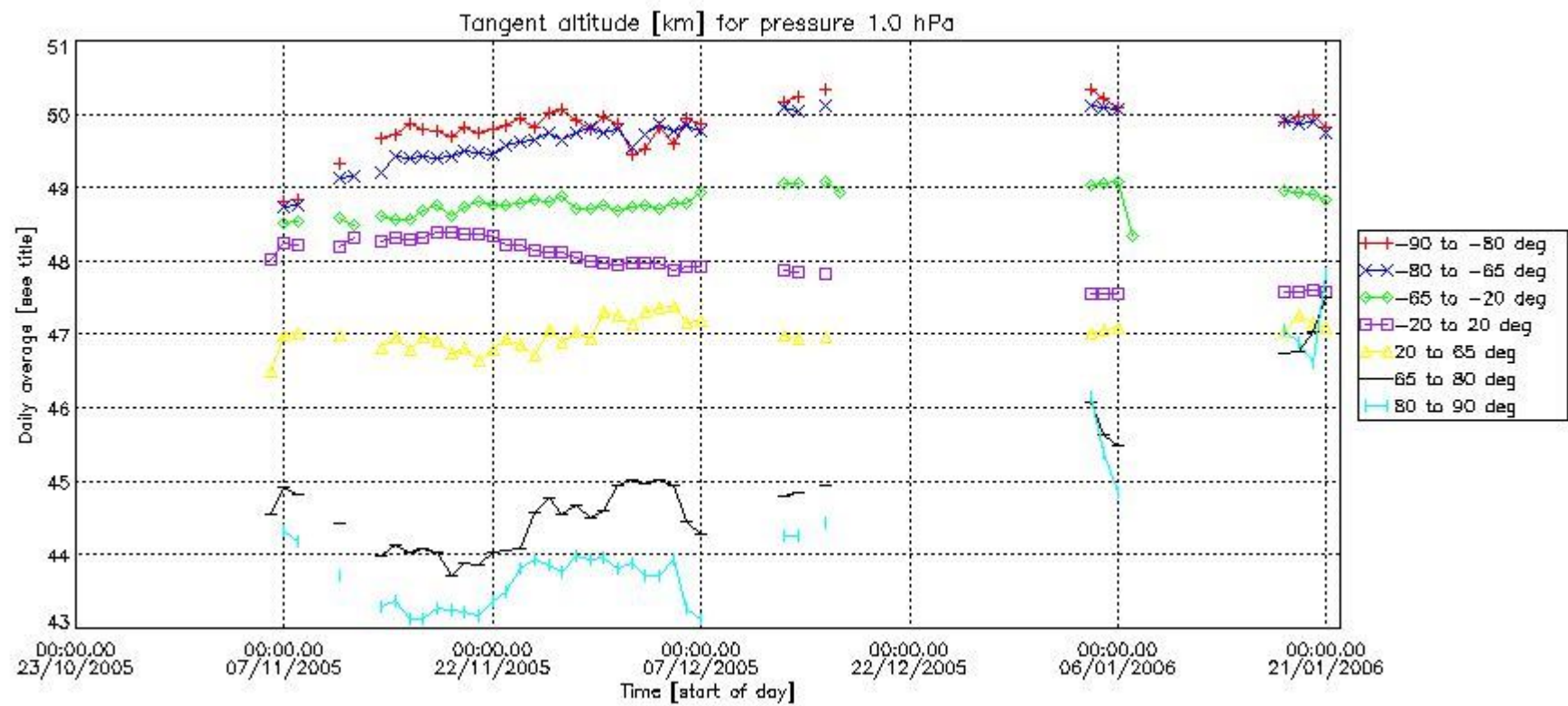


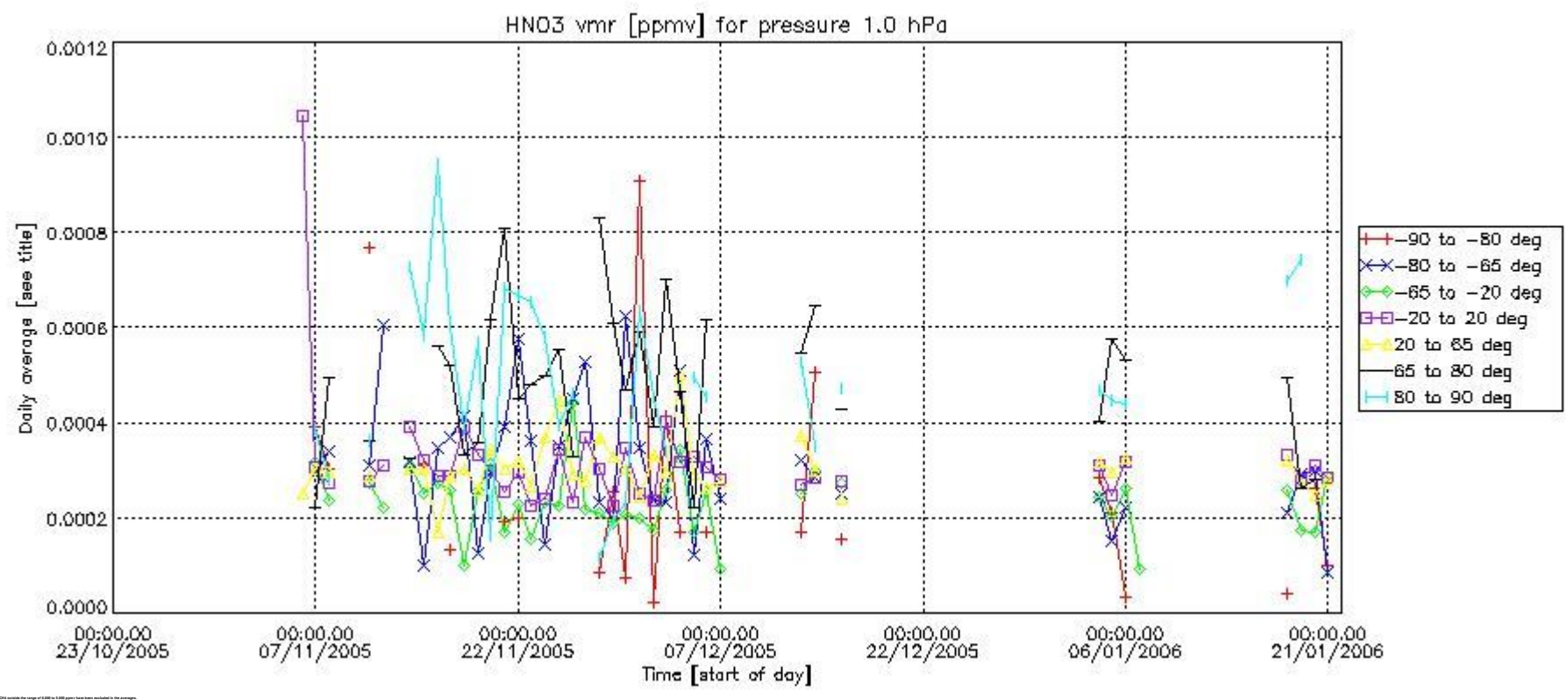
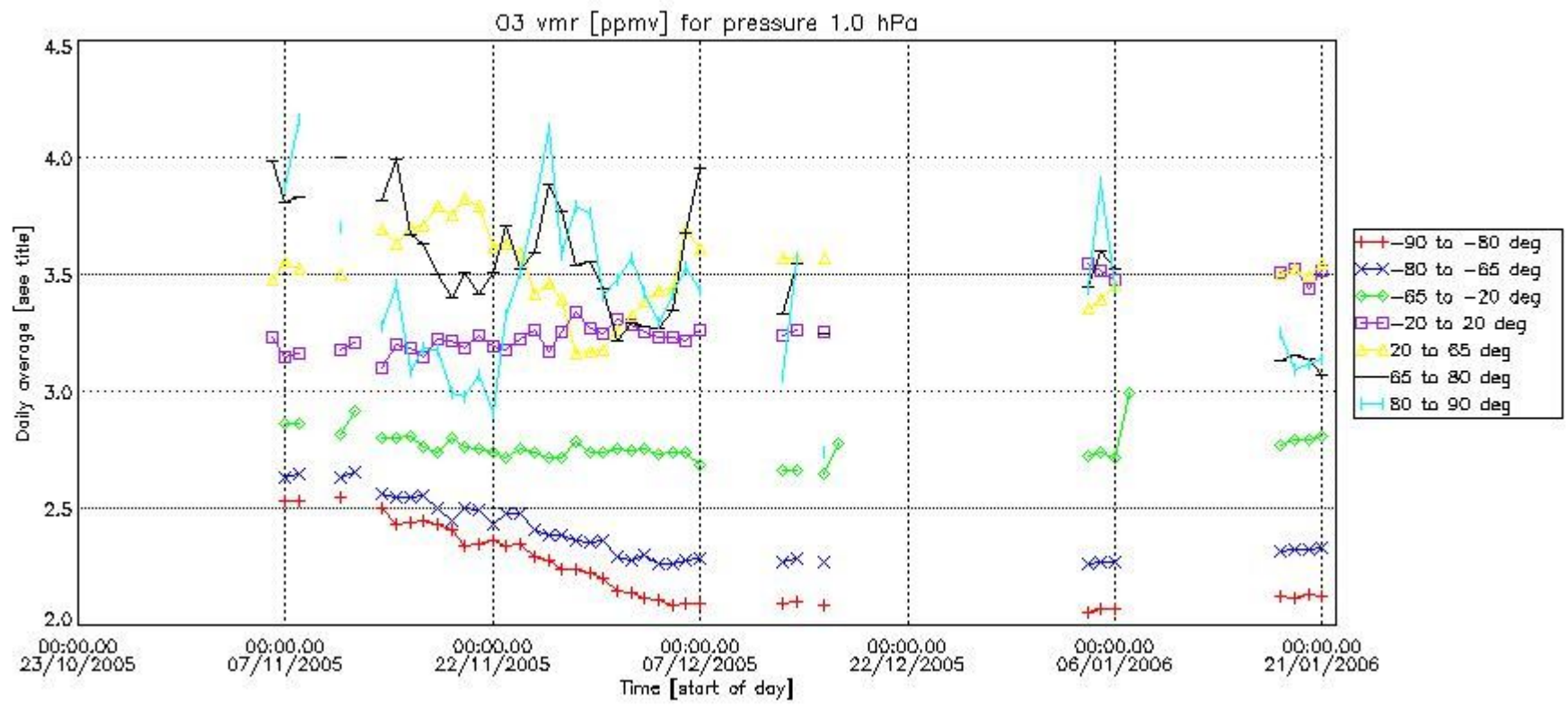


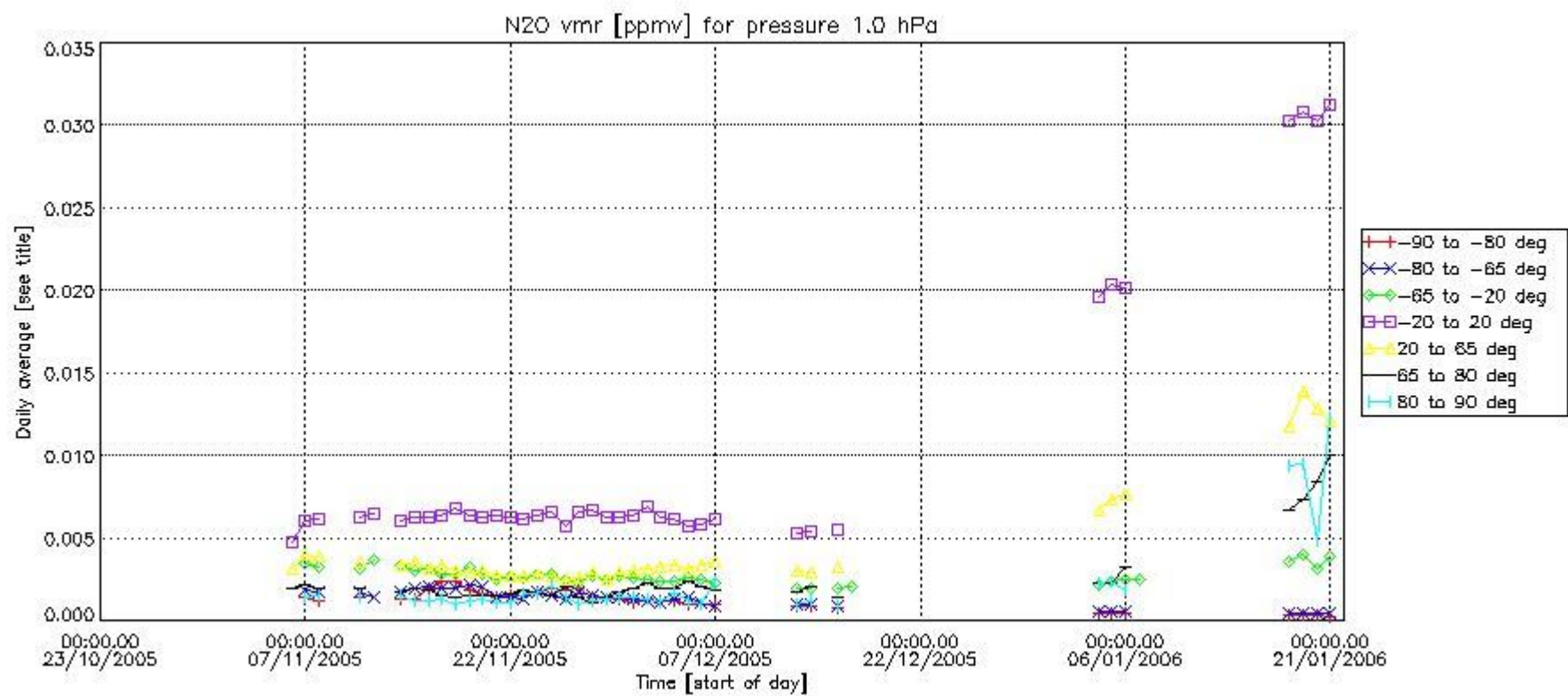
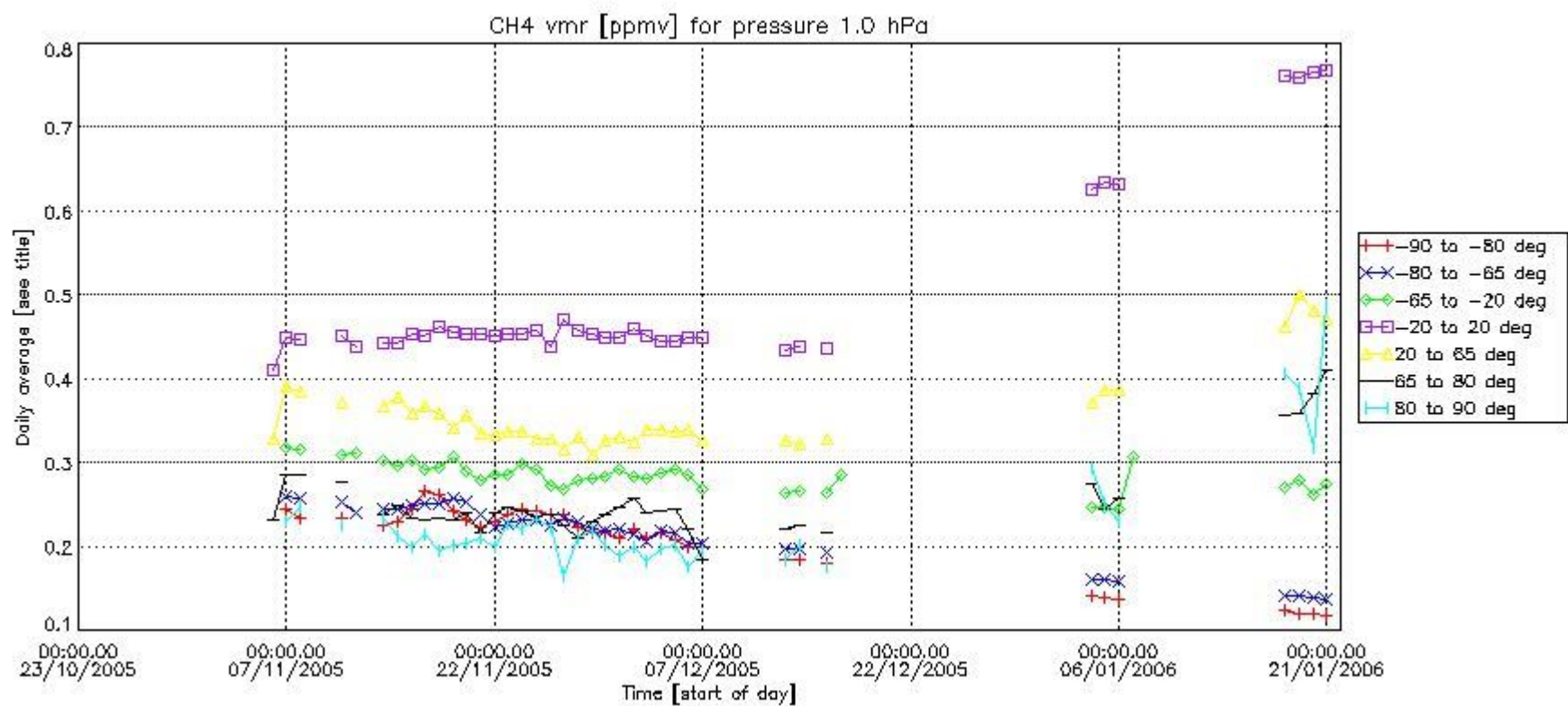


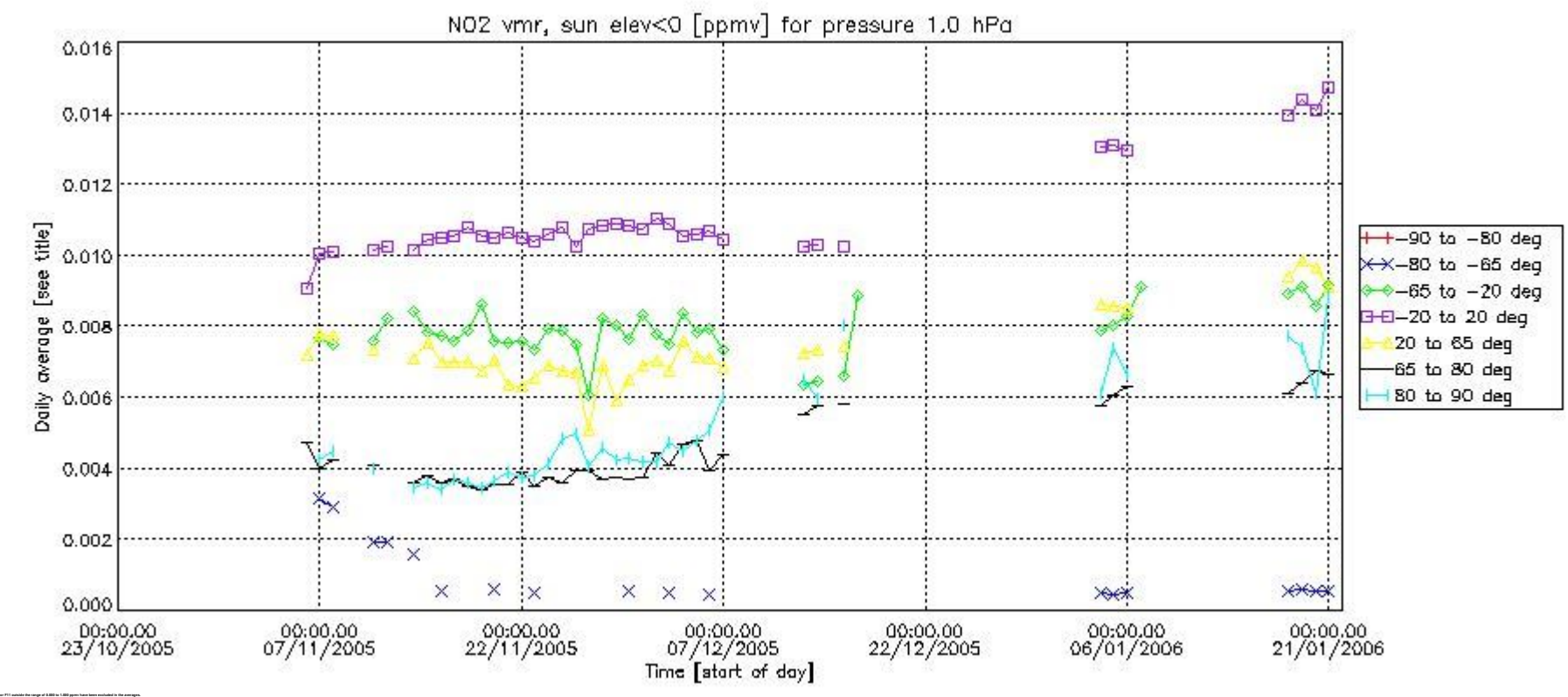
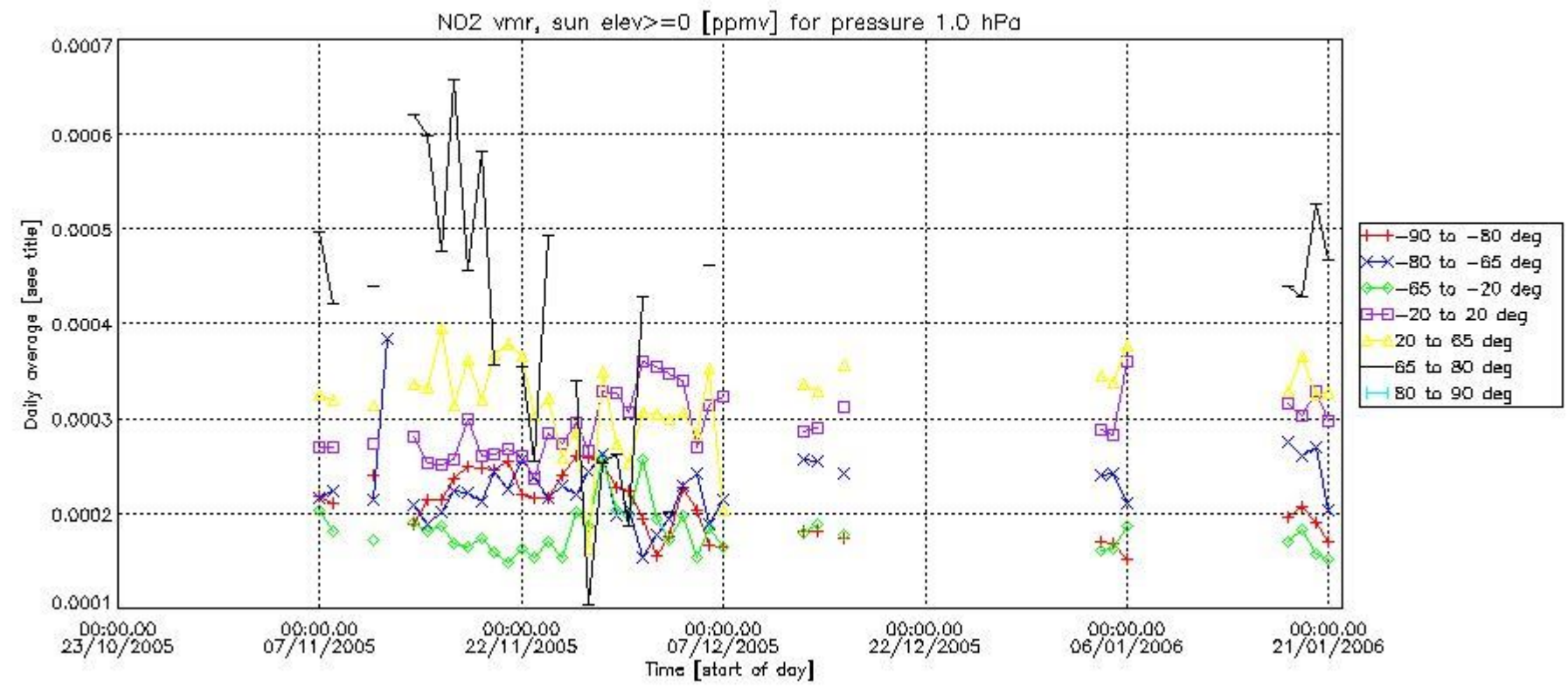




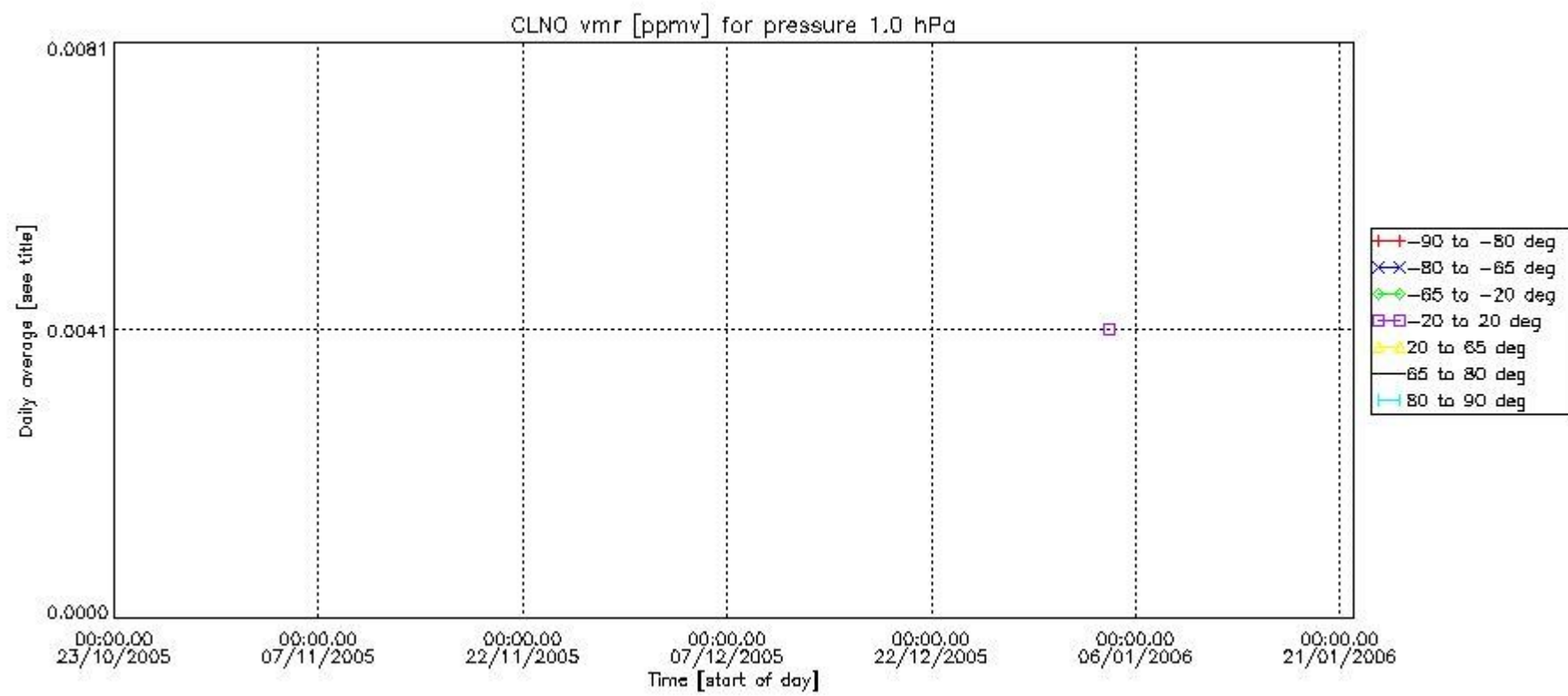
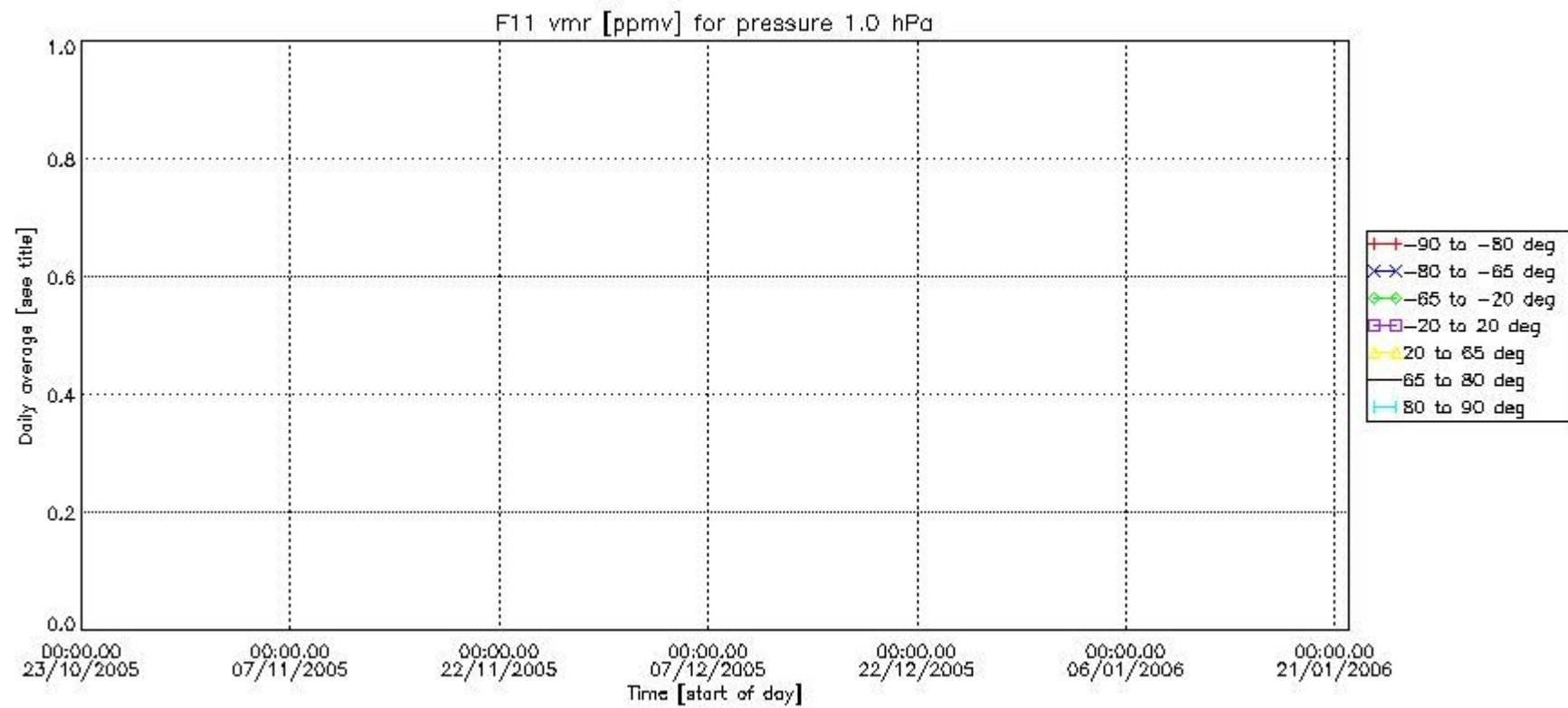


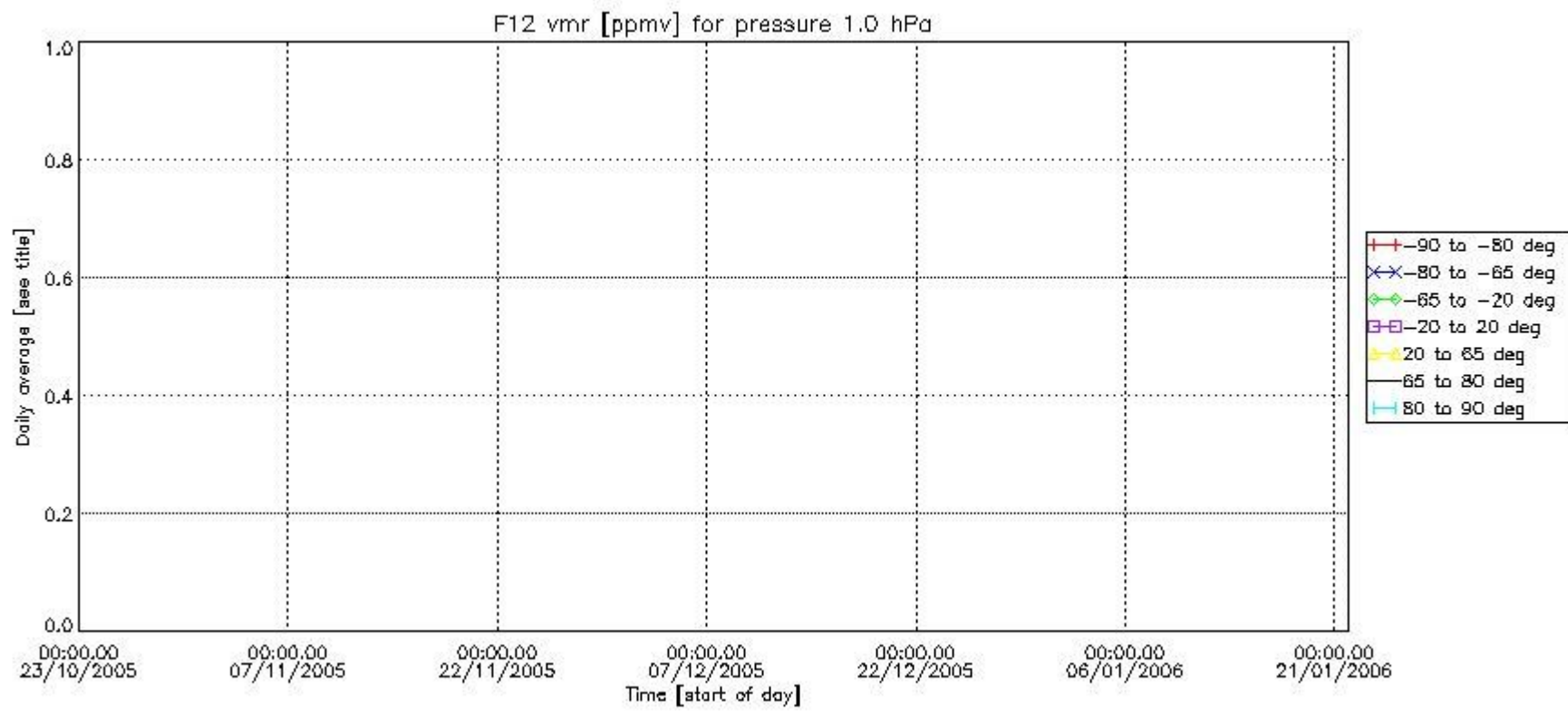
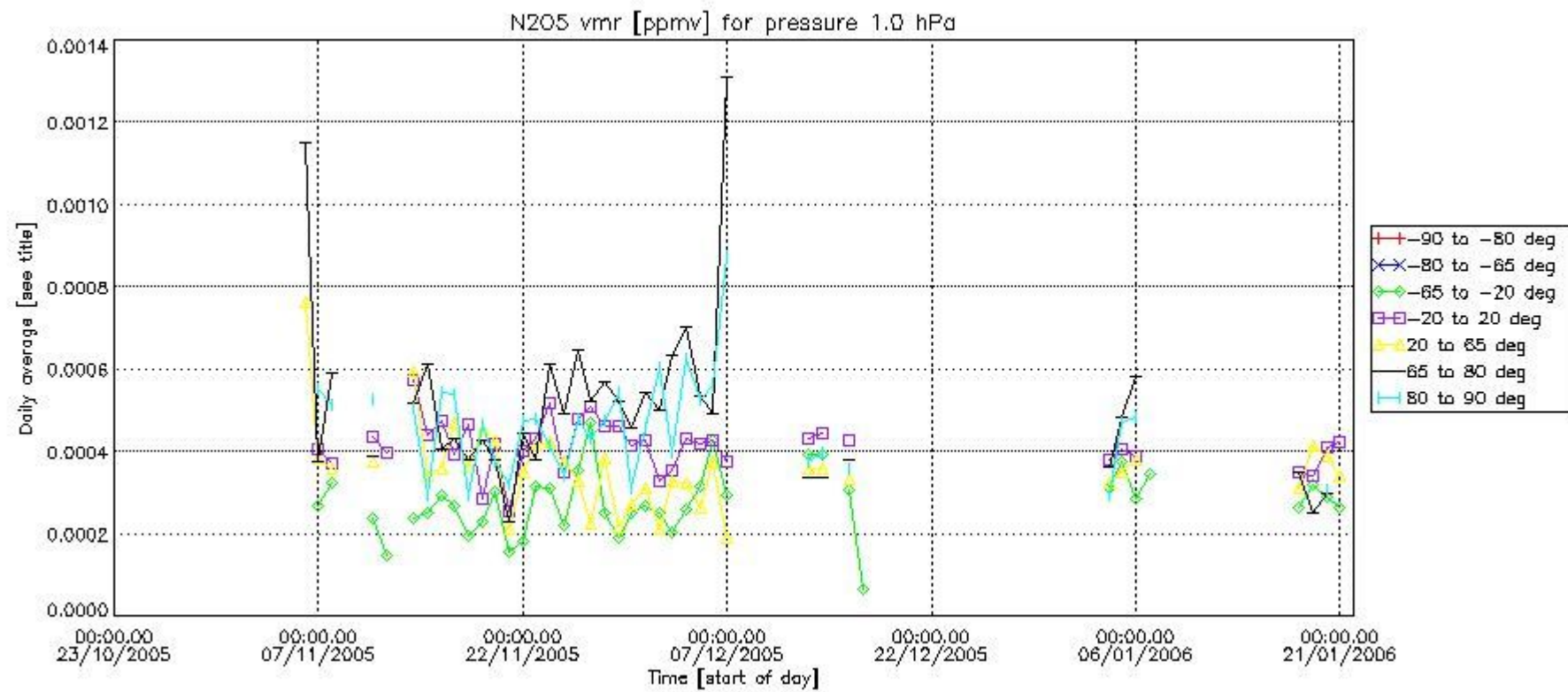


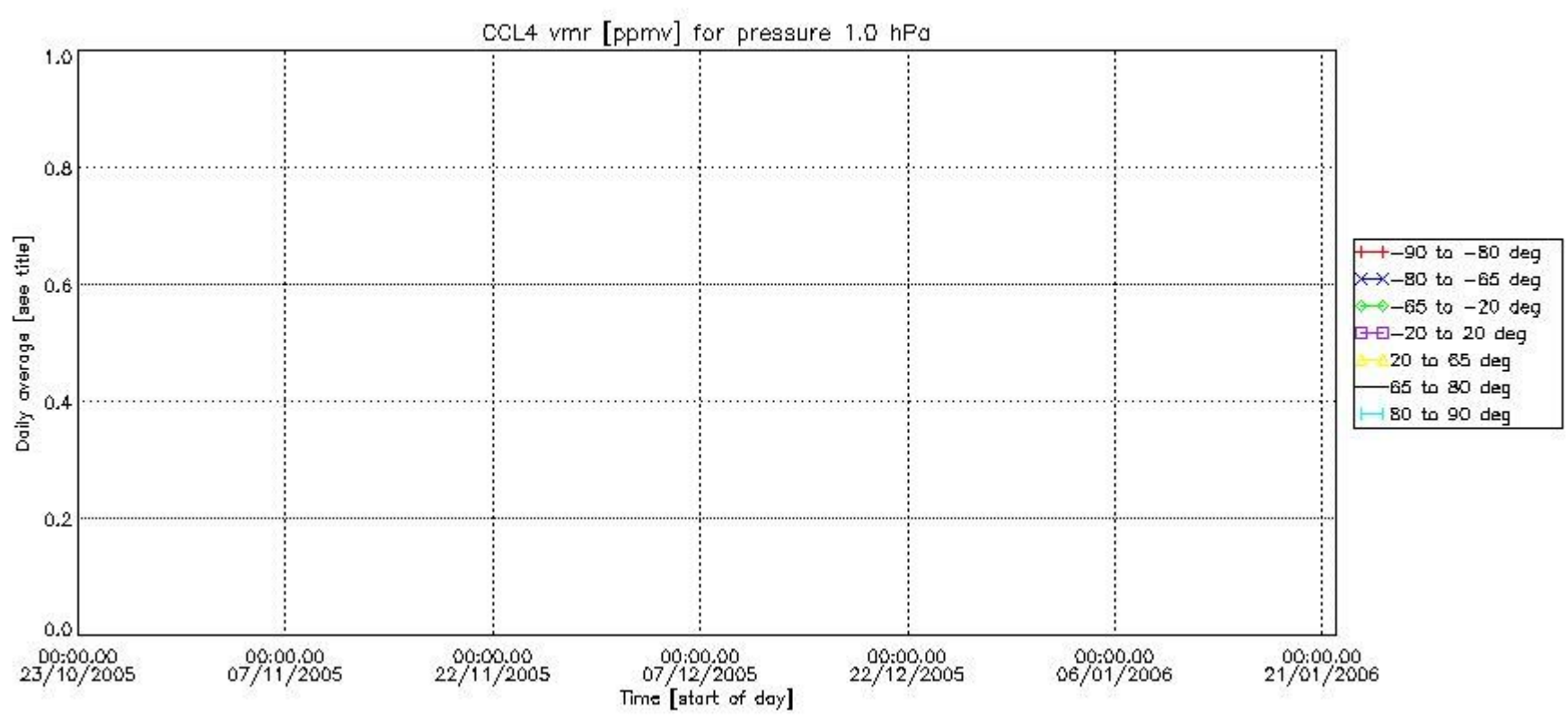
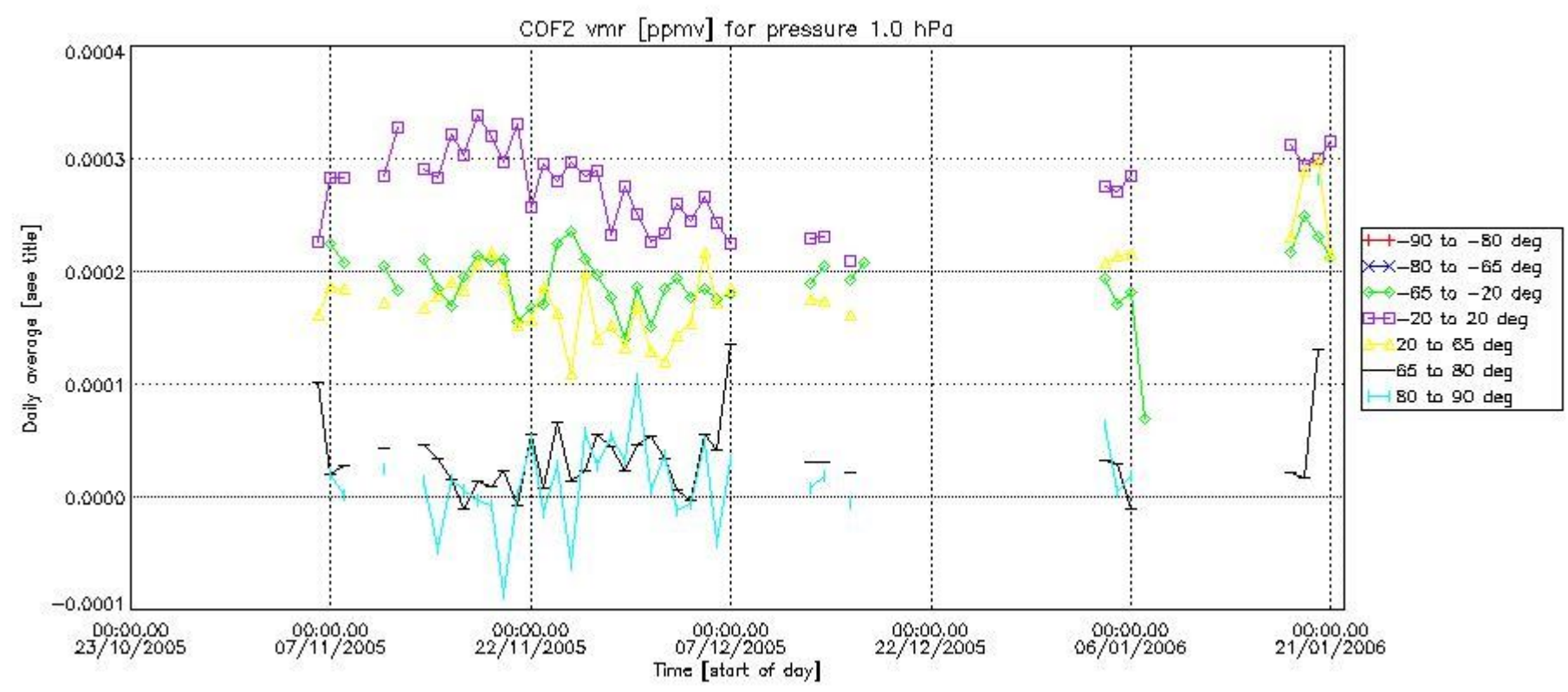


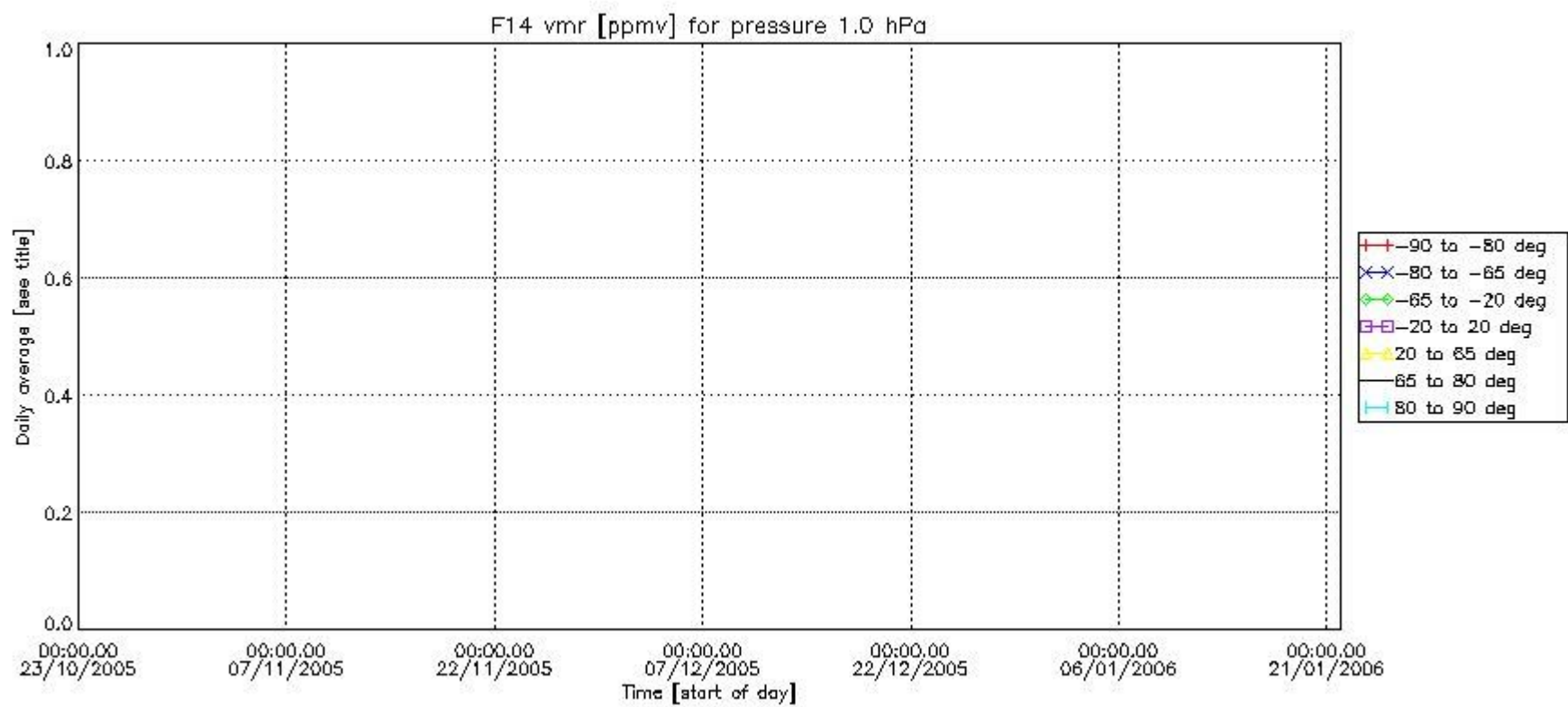
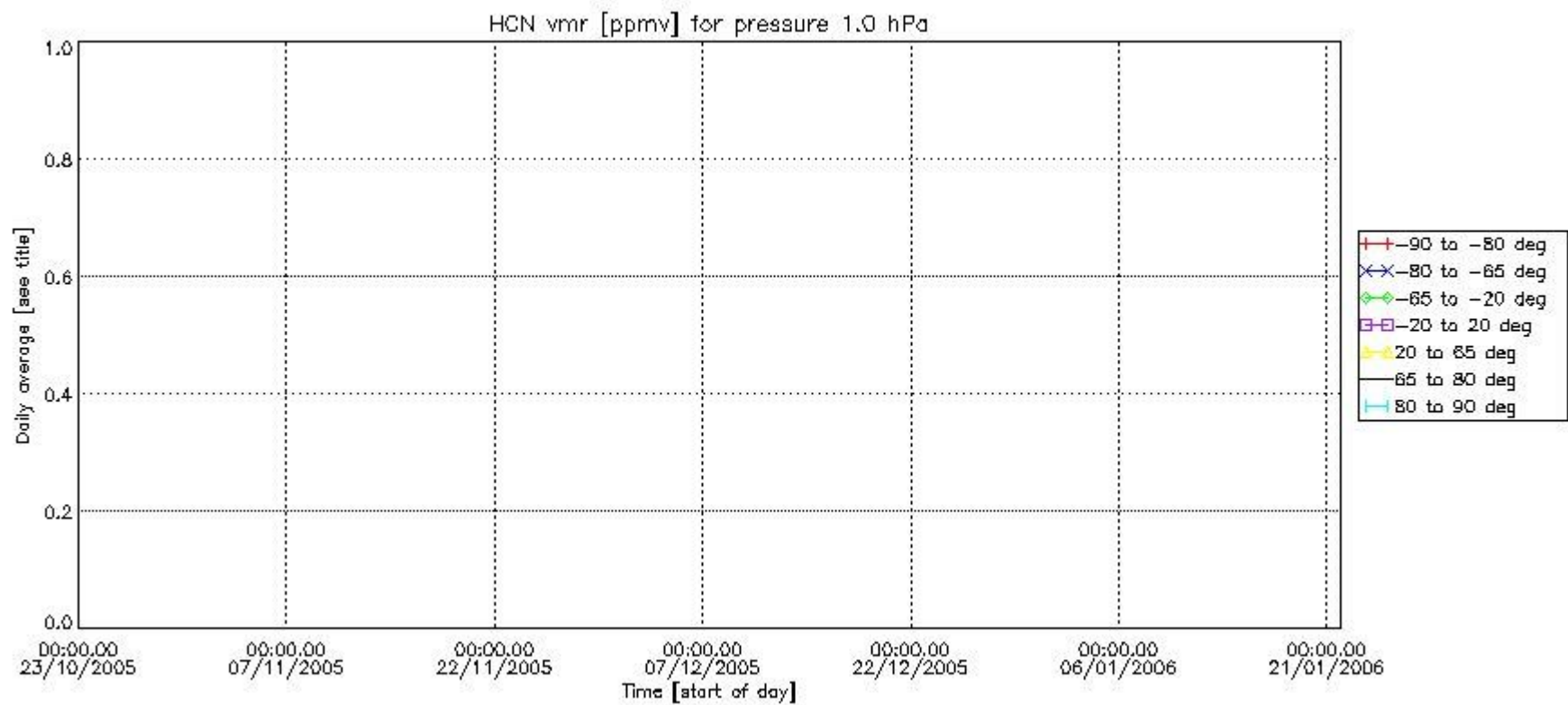


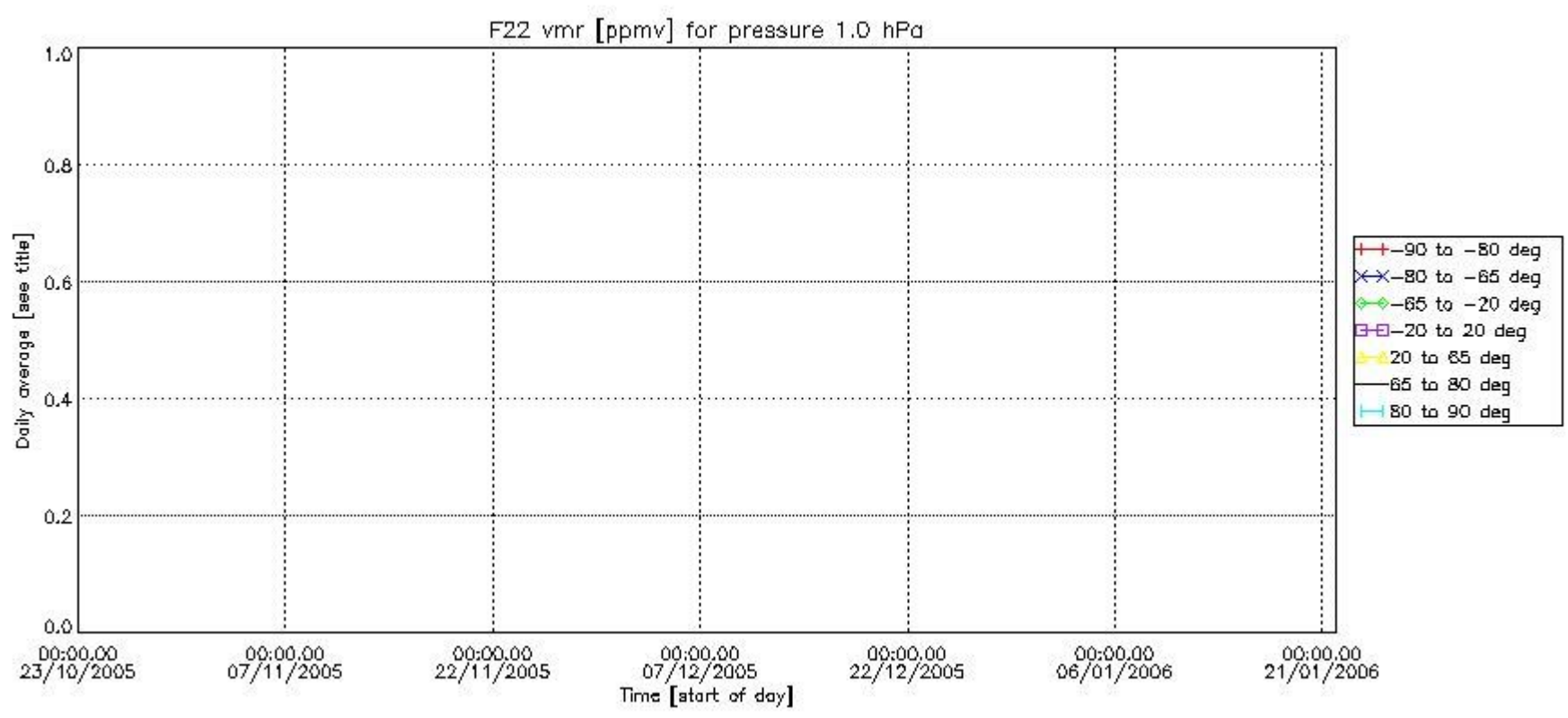












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

