

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20060202.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 12:03:01
Data source version	ML2PP/7.03-W
Processing scope for products	02FEB2006 00:00:00 to 03FEB2006 00:00:00
Start time of first product within scope	02FEB2006 02:22:22
Stop time of last product within scope	02FEB2006 15:52:27
Total number of level 2 products	6
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_2PWDSI20060202_022222_000057482044_00433_20527_1000.N1	02FEB2006 02:22:22	02FEB2006 03:58:10	0	103/103	<b>VMR_TERM_MACRO_MICRO[F14/macro:2; HCN/micro:3; F14/micro:1]</b>
1	MIP_NL_2PWDSI20060202_035900_000060352044_00434_20528_1000.N1	02FEB2006 03:59:00	02FEB2006 05:39:36	0	133/133	<b>VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:1; F14/micro:1]</b>
2	MIP_NL_2PWDSI20060202_053942_000005502044_00435_20529_1000.N1	02FEB2006 05:39:42	02FEB2006 05:48:51	0	12/12	
3	MIP_NL_2PWDSI20060202_122558_000057472044_00439_20533_1000.N1	02FEB2006 12:25:58	02FEB2006 14:01:46	0	122/122	<b>VMR_TERM_MACRO_MICRO[F14/macro:1; F14/micro:1]</b>
4	MIP_NL_2PWDSI20060202_140236_000060352044_00440_20534_1000.N1	02FEB2006 14:02:36	02FEB2006 15:43:11	0	133/133	<b>VMR_TERM_MACRO_MICRO[F14/macro:1; HCN/micro:2]</b>
5	MIP_NL_2PWDSI20060202_154318_000005502044_00441_20535_1000.N1	02FEB2006 15:43:18	02FEB2006 15:52:27	0	12/12	

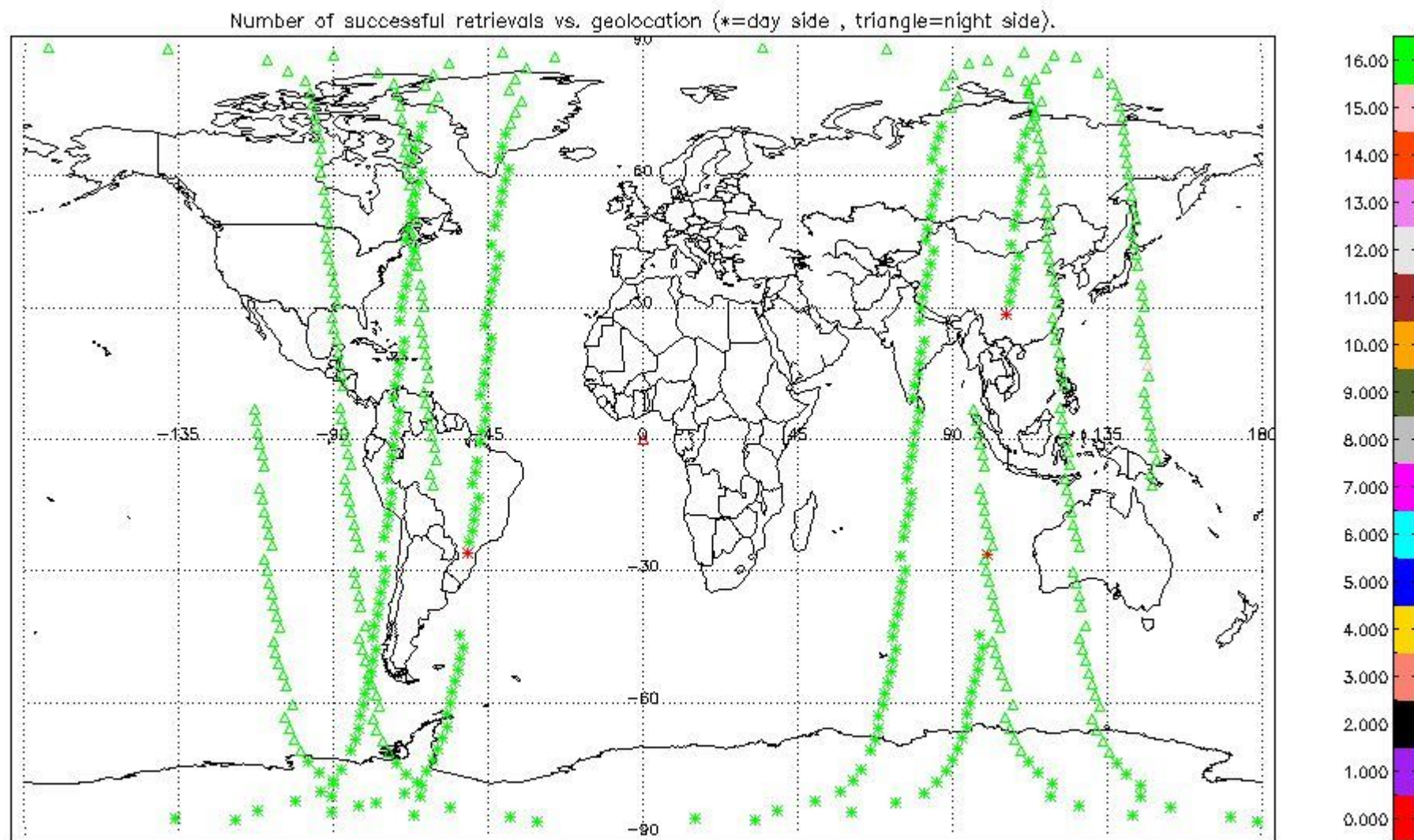
## 2.2 Processing performance indicators

### 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.

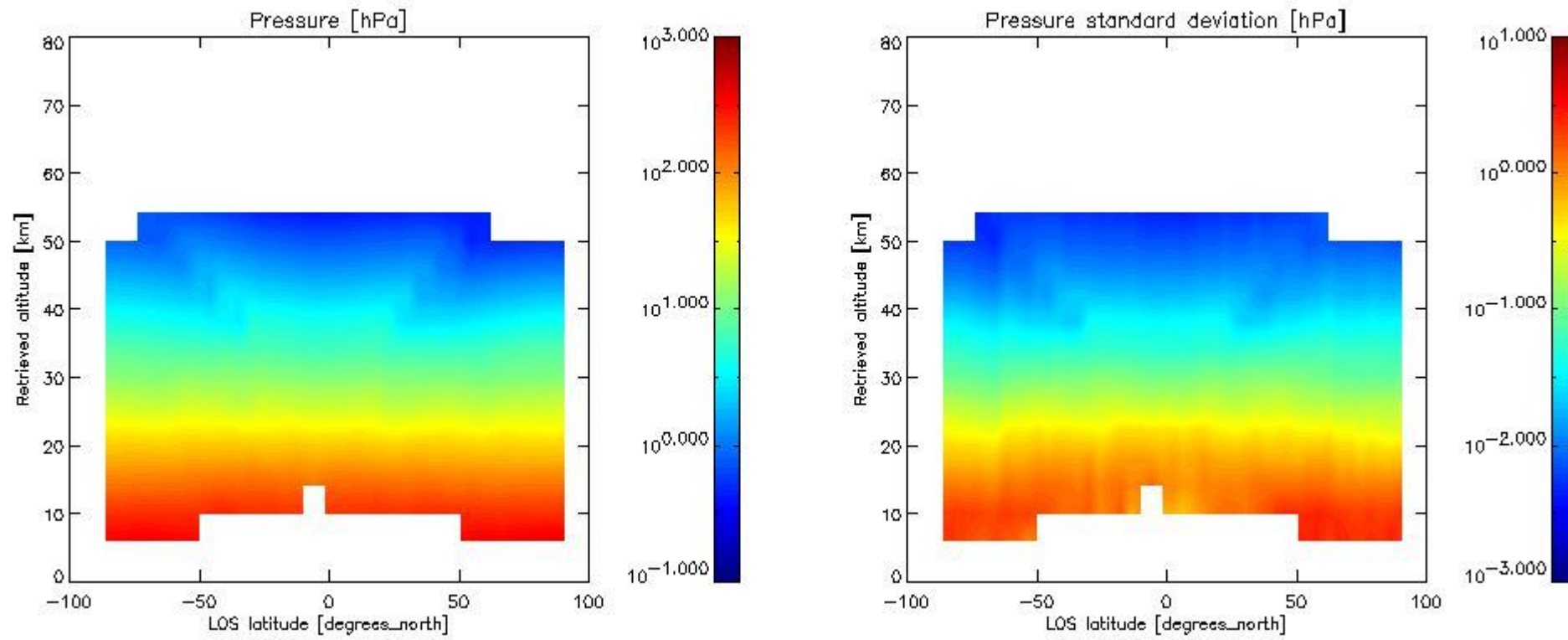
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	515	510	99.029
H2O	515	510	99.029
O3	515	510	99.029
HNO3	515	510	99.029

CH4	515	510	99.029
N2O	515	510	99.029
NO2	515	510	99.029
F11	515	510	99.029
CLNO	515	510	99.029
N2O5	515	510	99.029
F12	515	509	98.835
COF2	515	510	99.029
CCL4	515	510	99.029
HCN	515	510	99.029
F14	515	510	99.029
F22	515	510	99.029



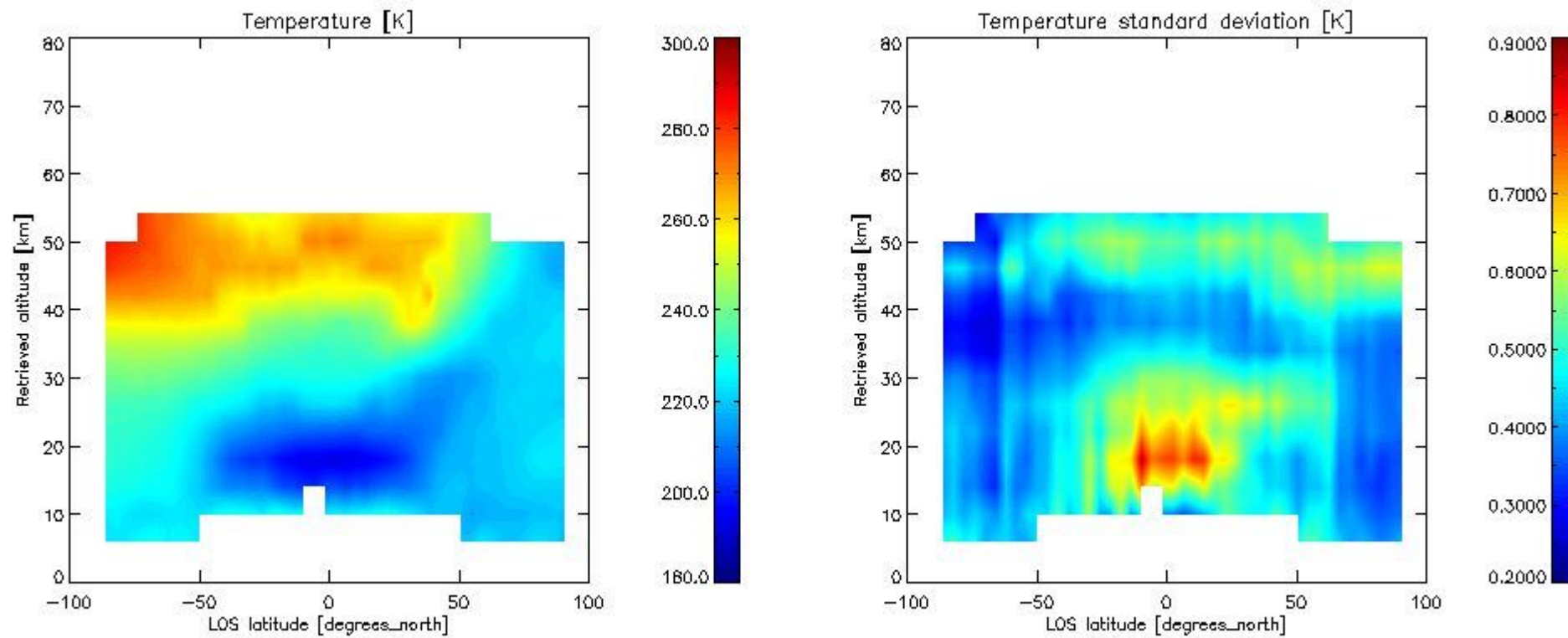
## 2.2.2 Pressure overview

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



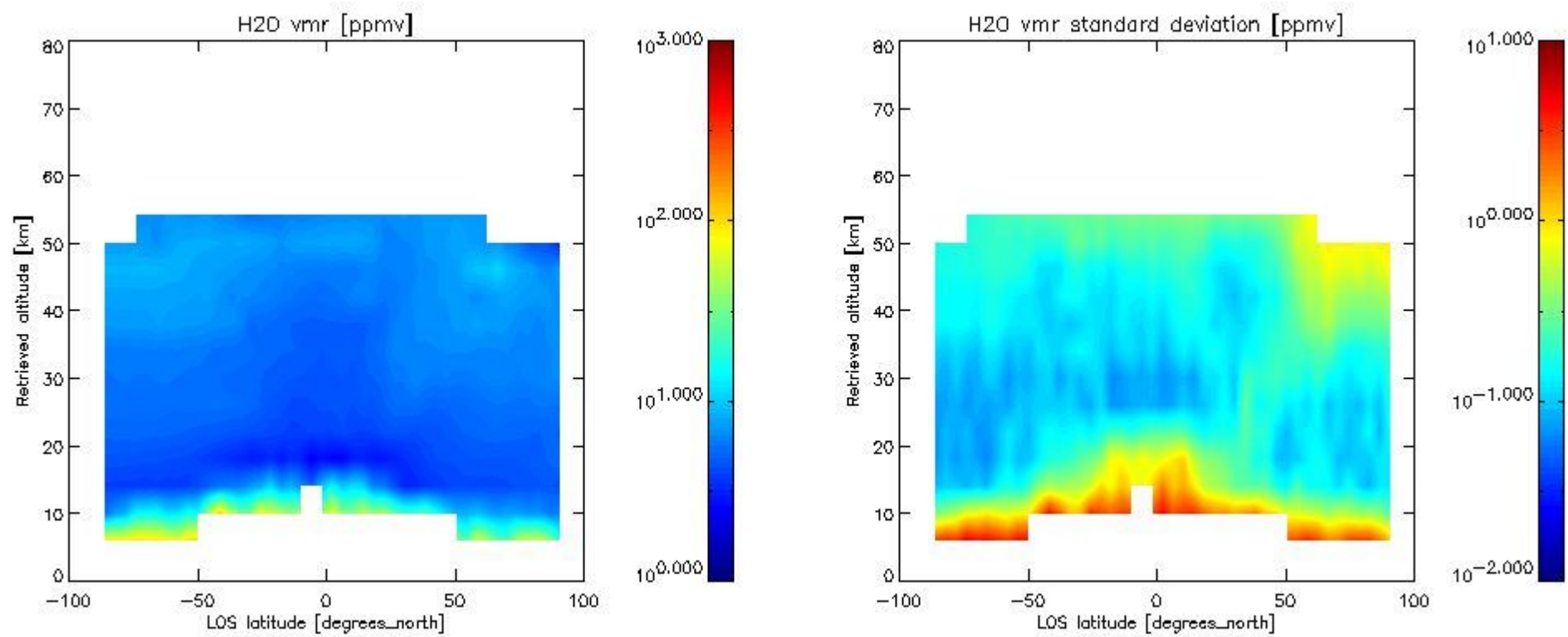
### 2.2.3 Temperature overview

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

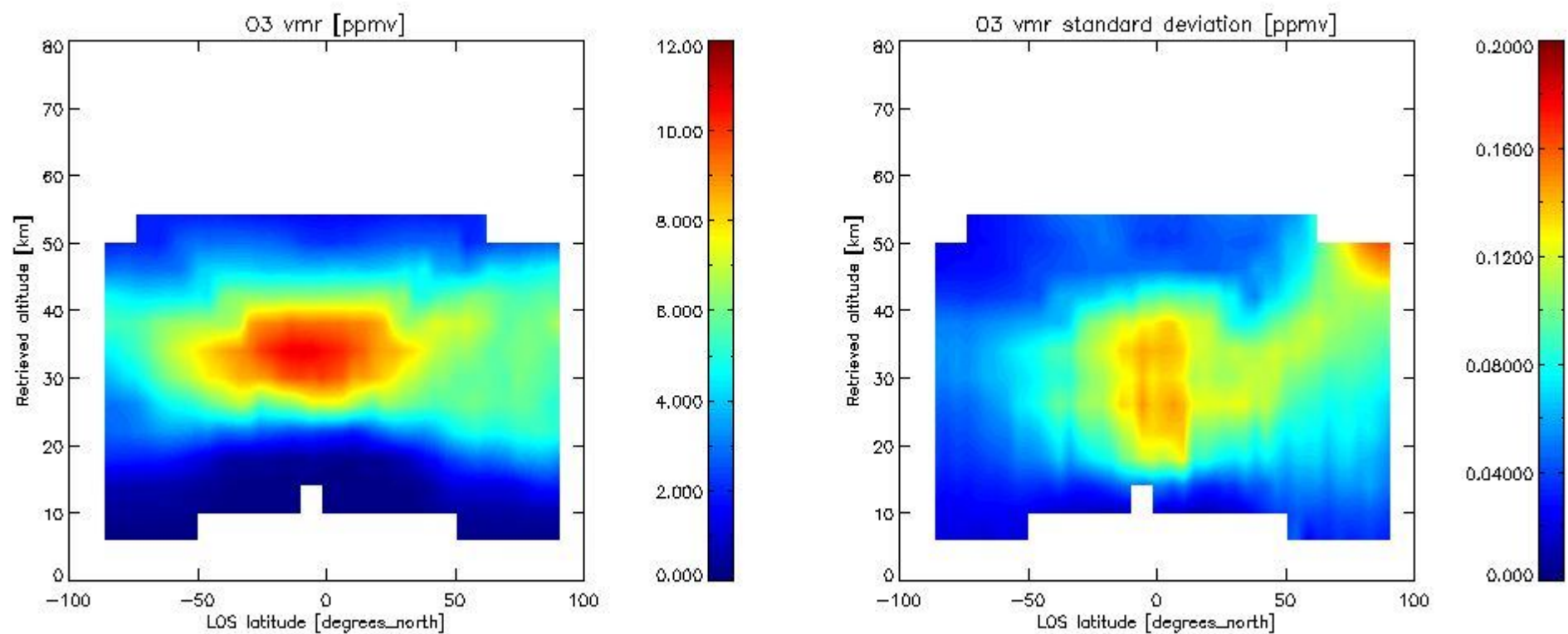


### 2.2.4 Species overview

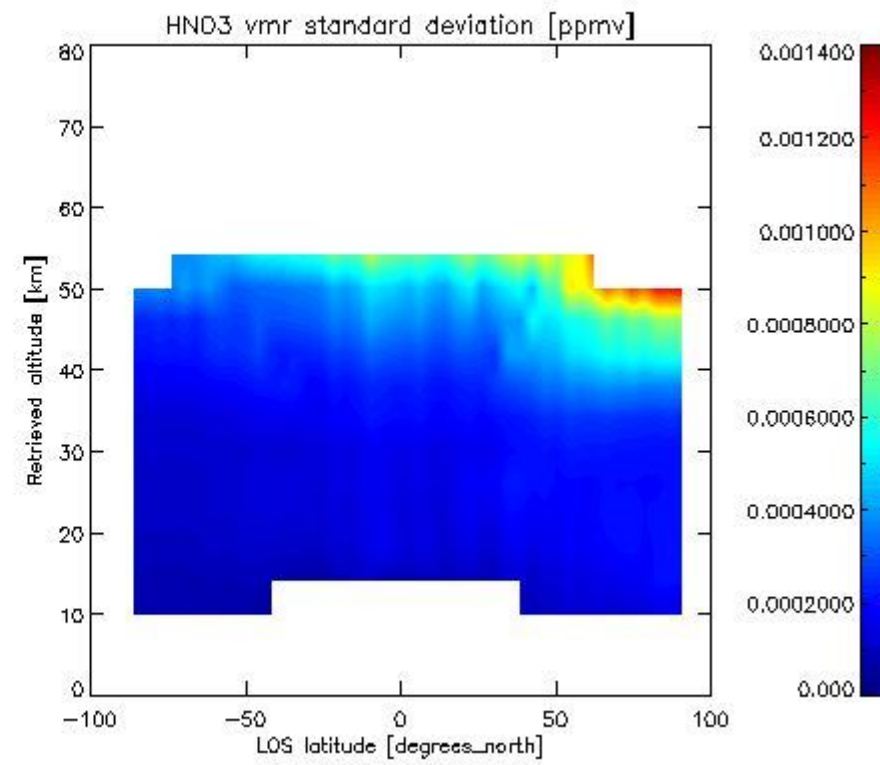
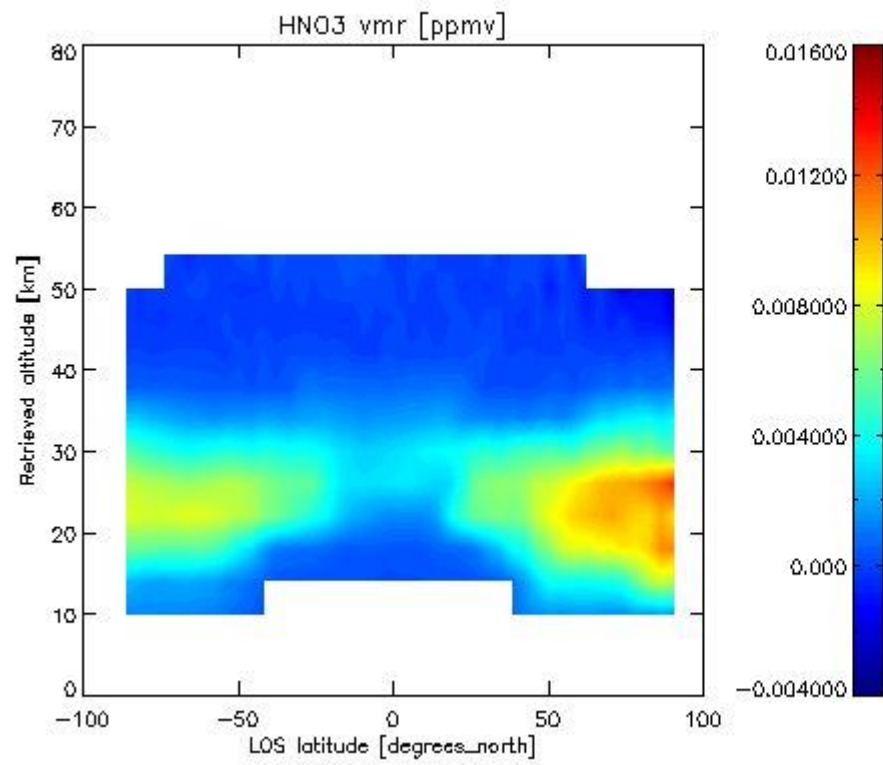
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



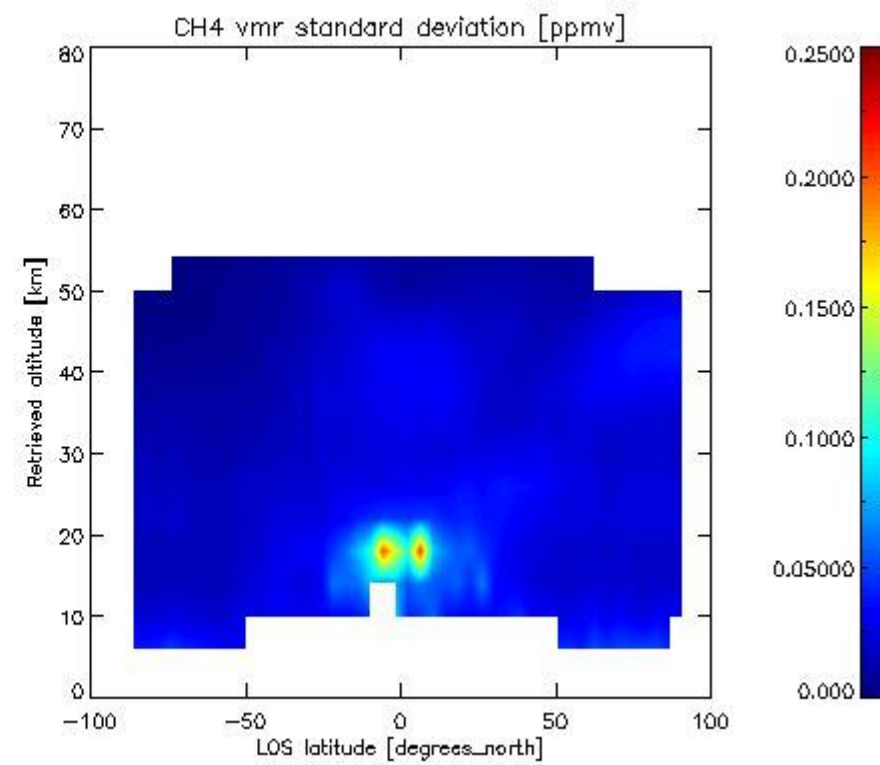
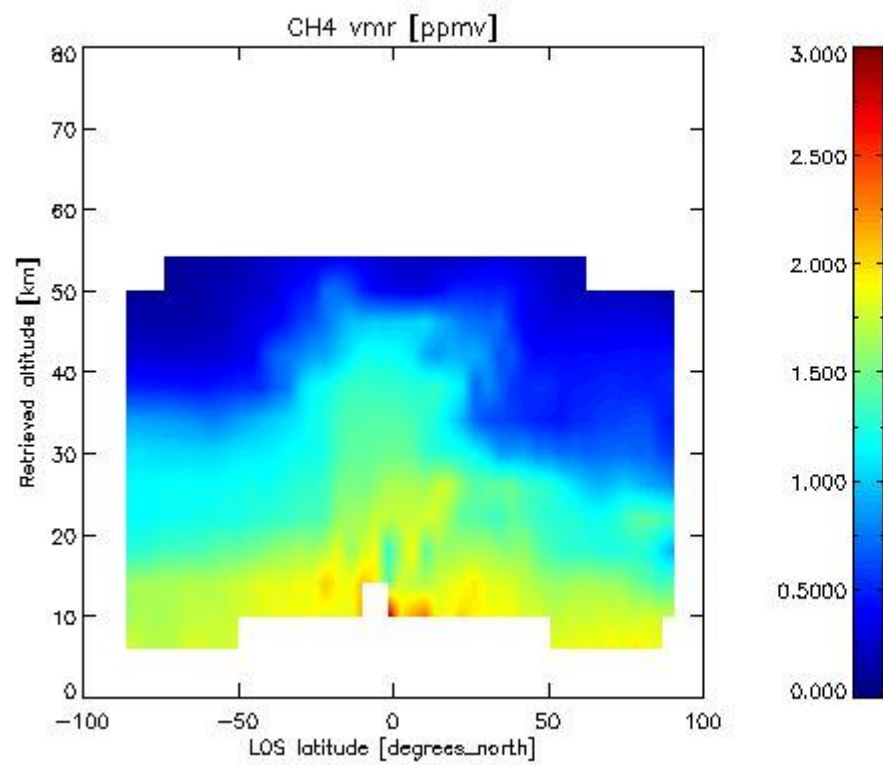
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



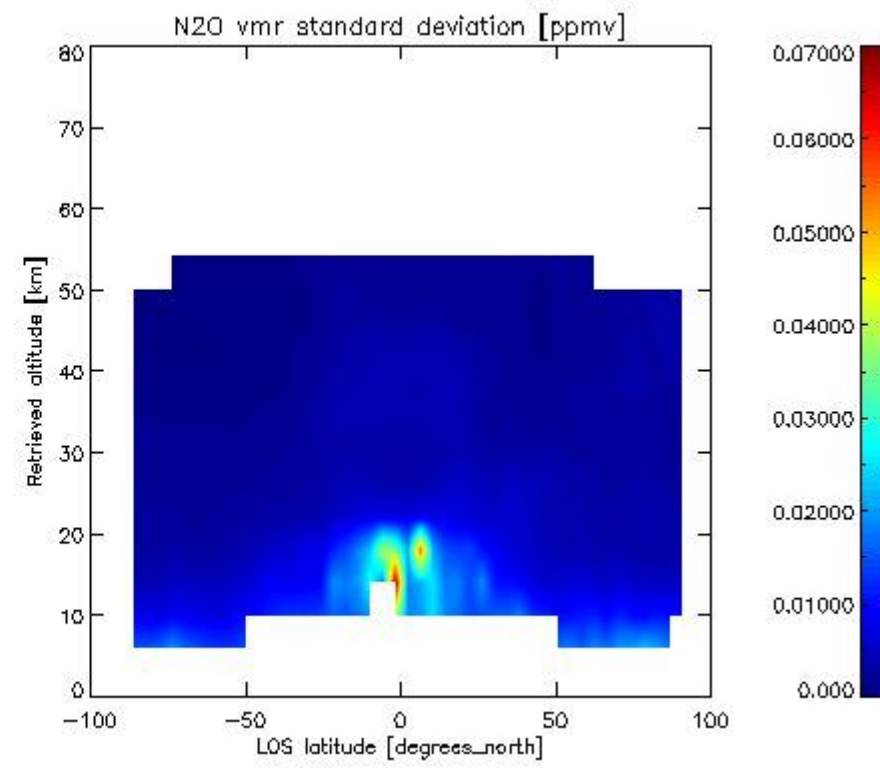
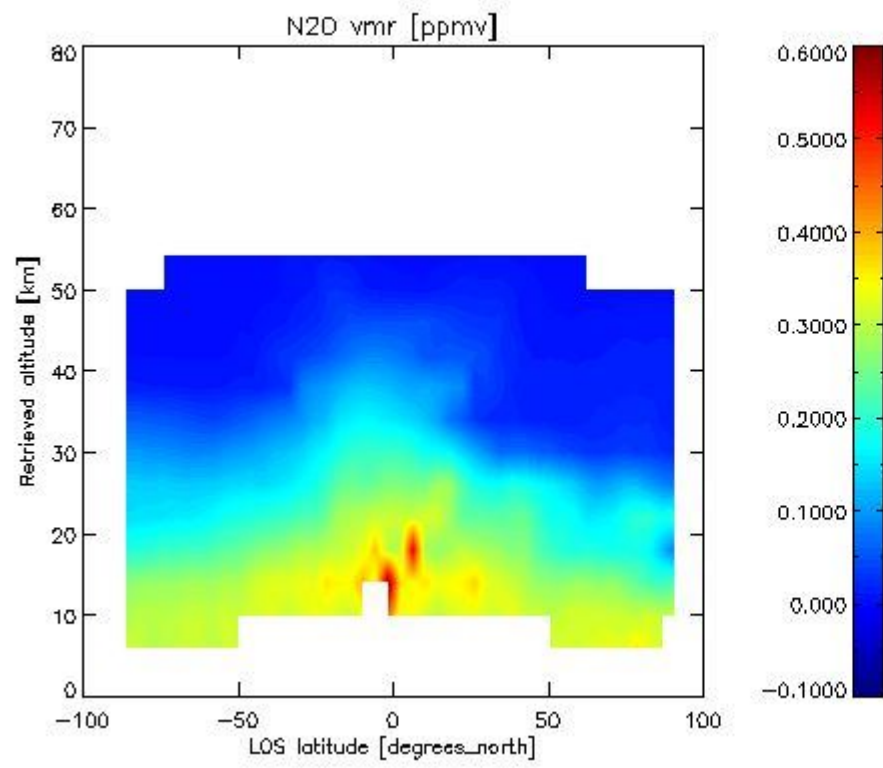
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



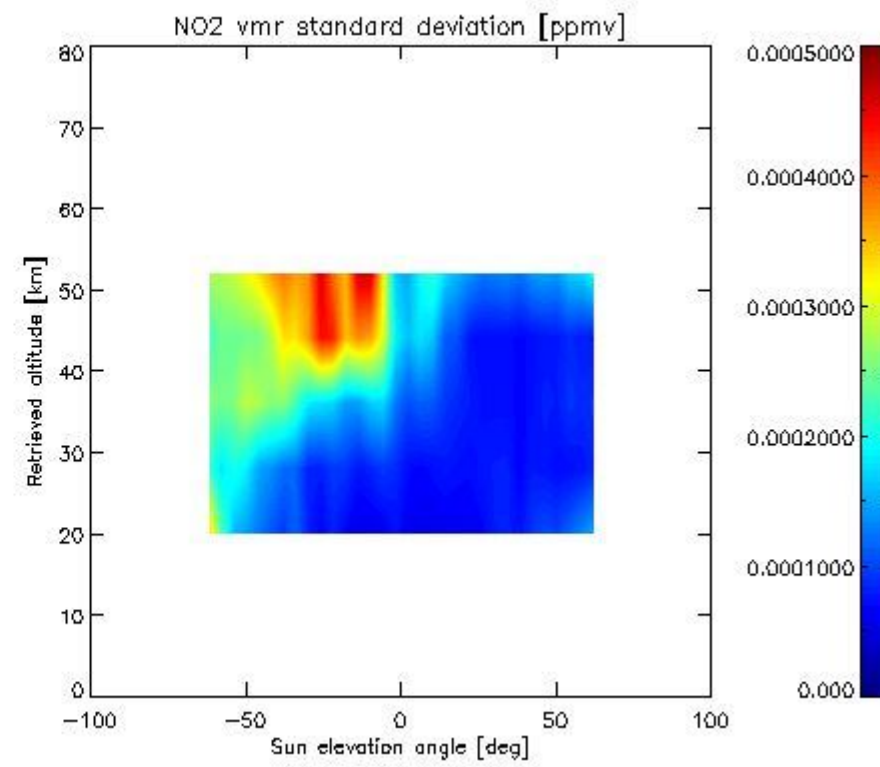
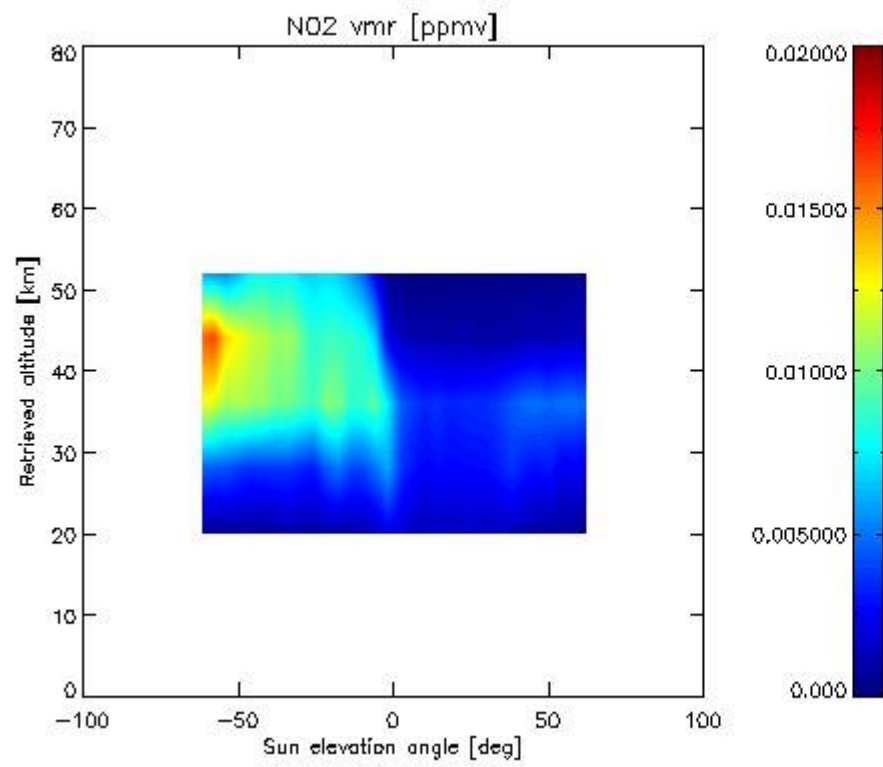
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



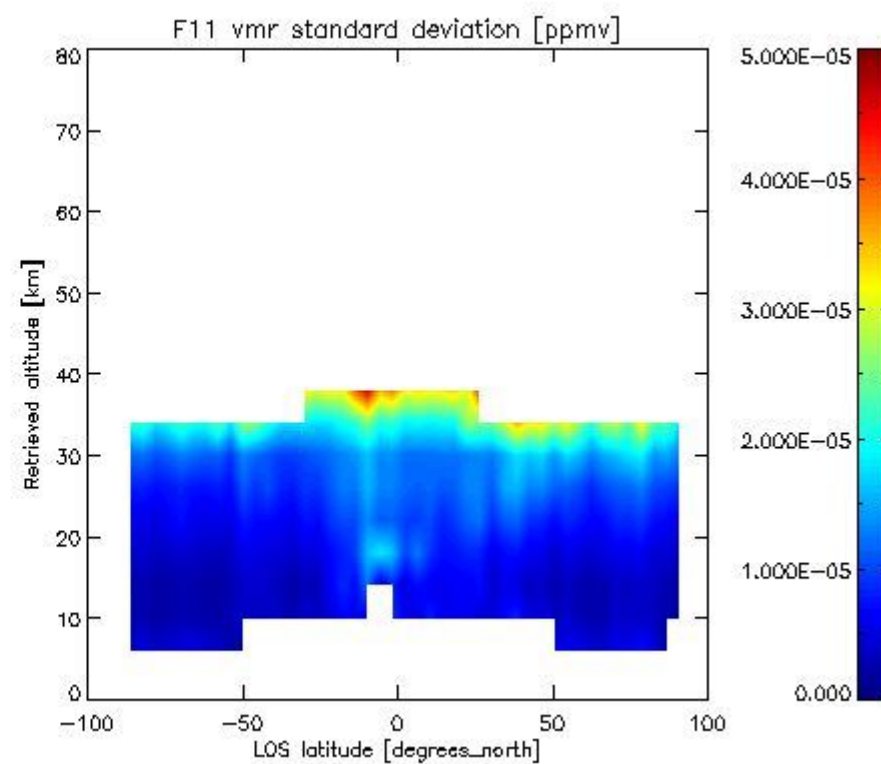
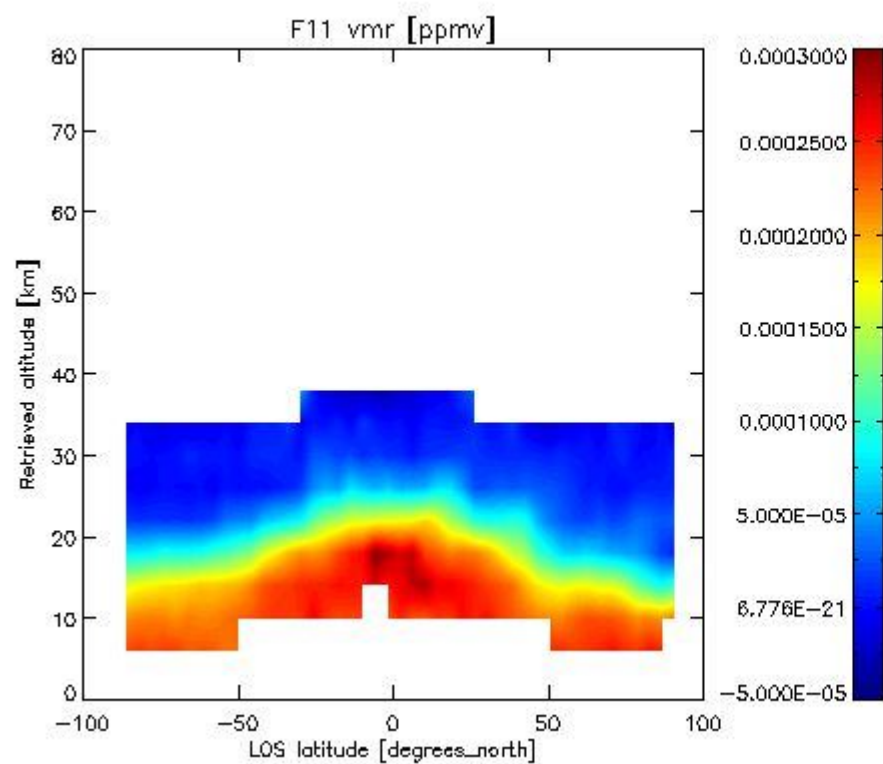
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



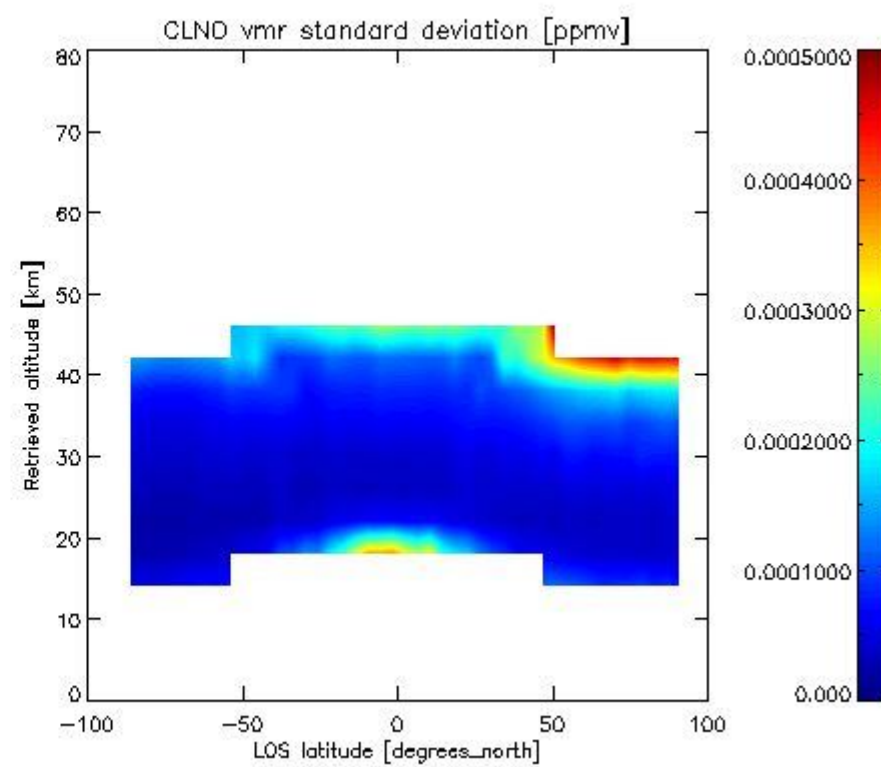
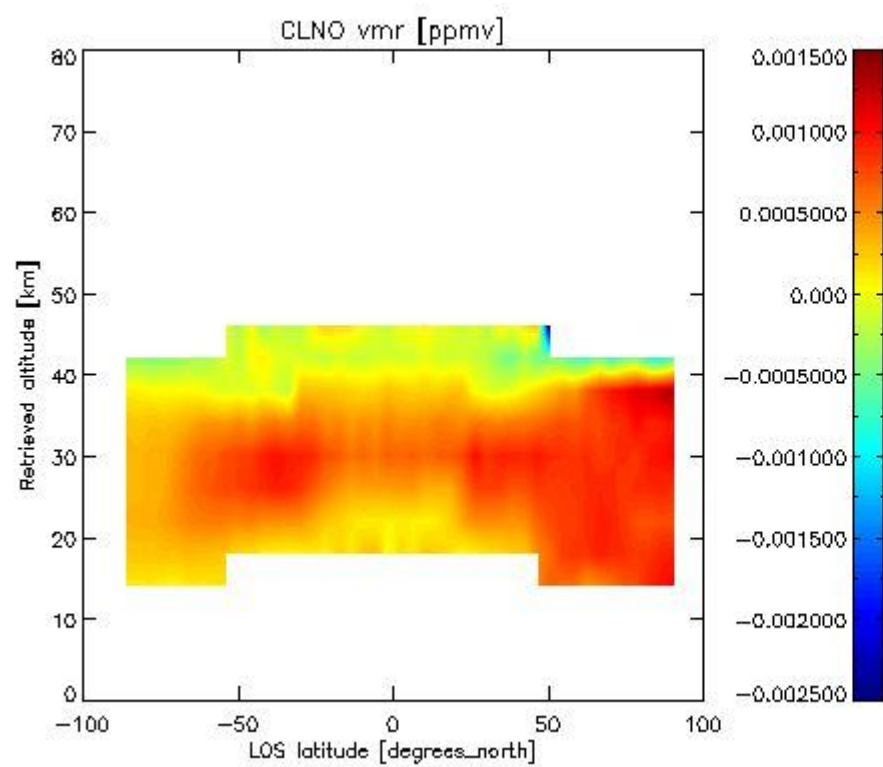
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.



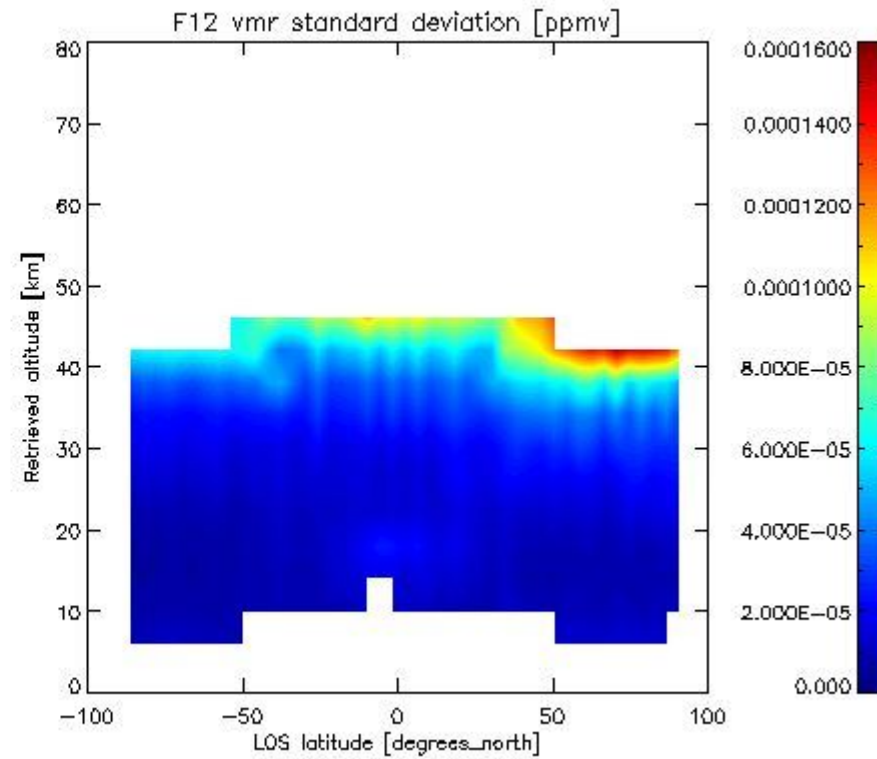
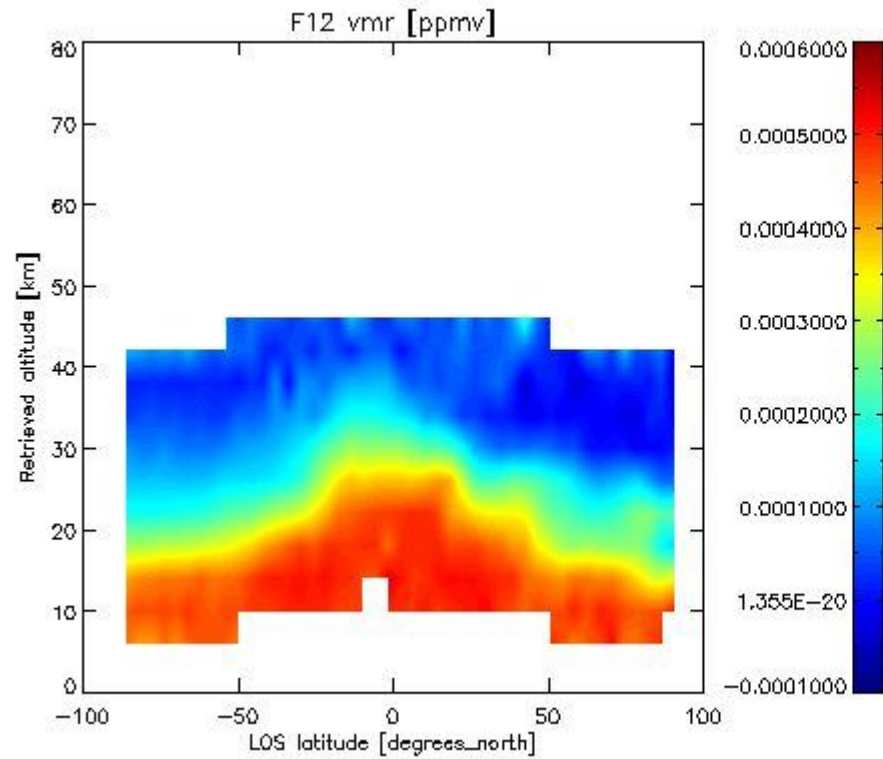
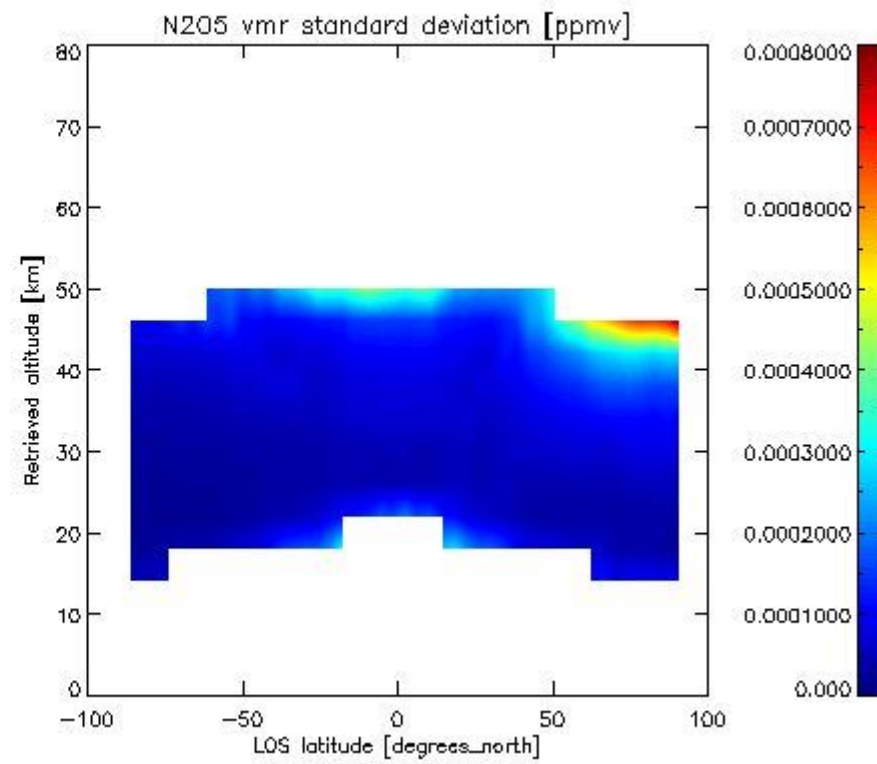
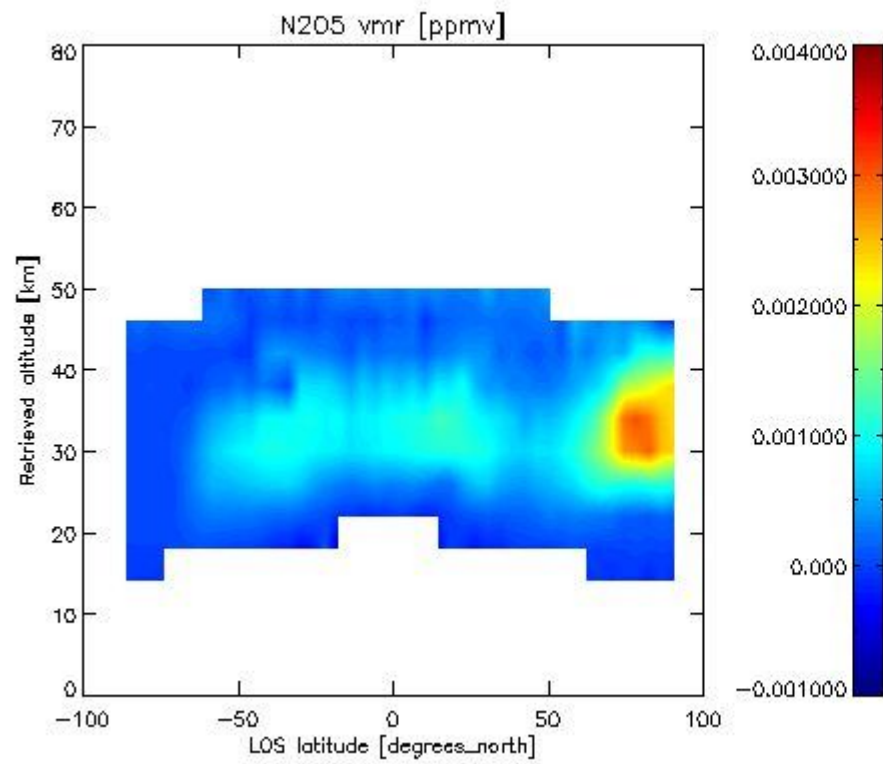
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



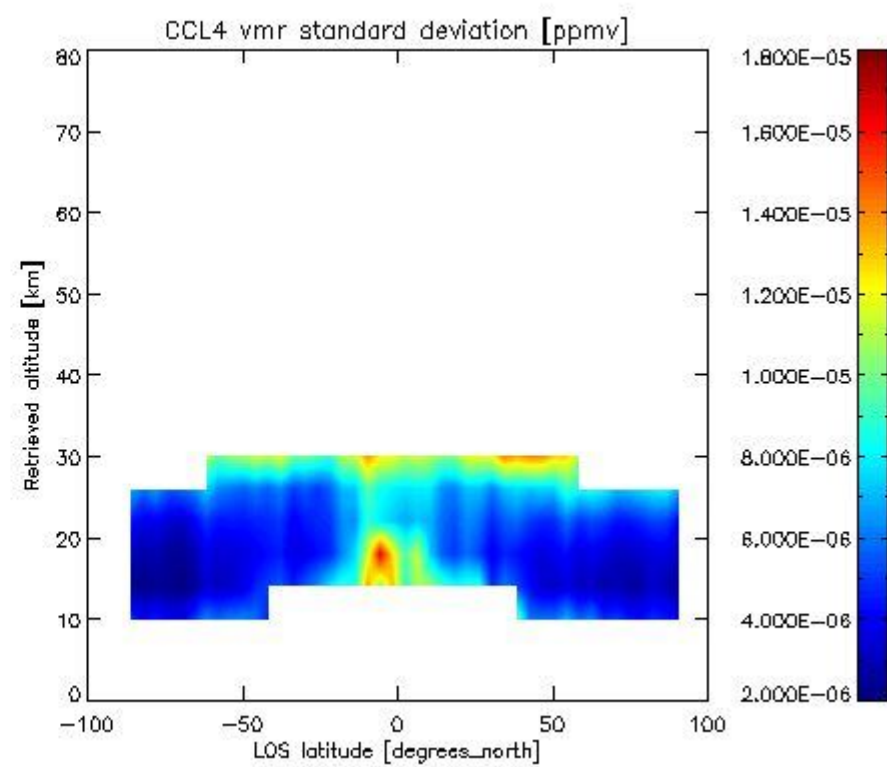
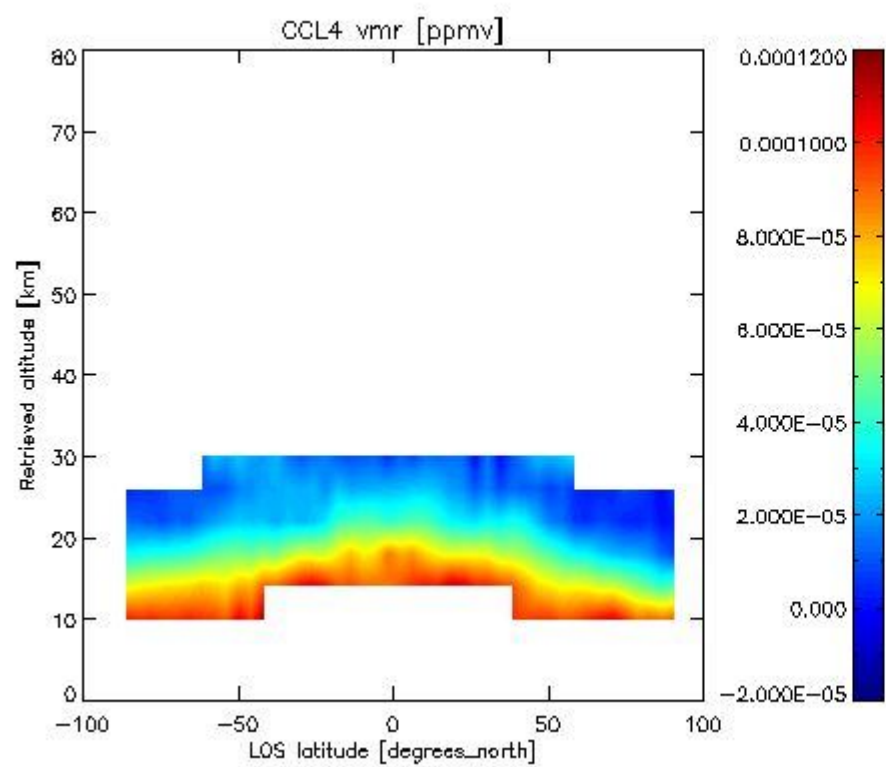
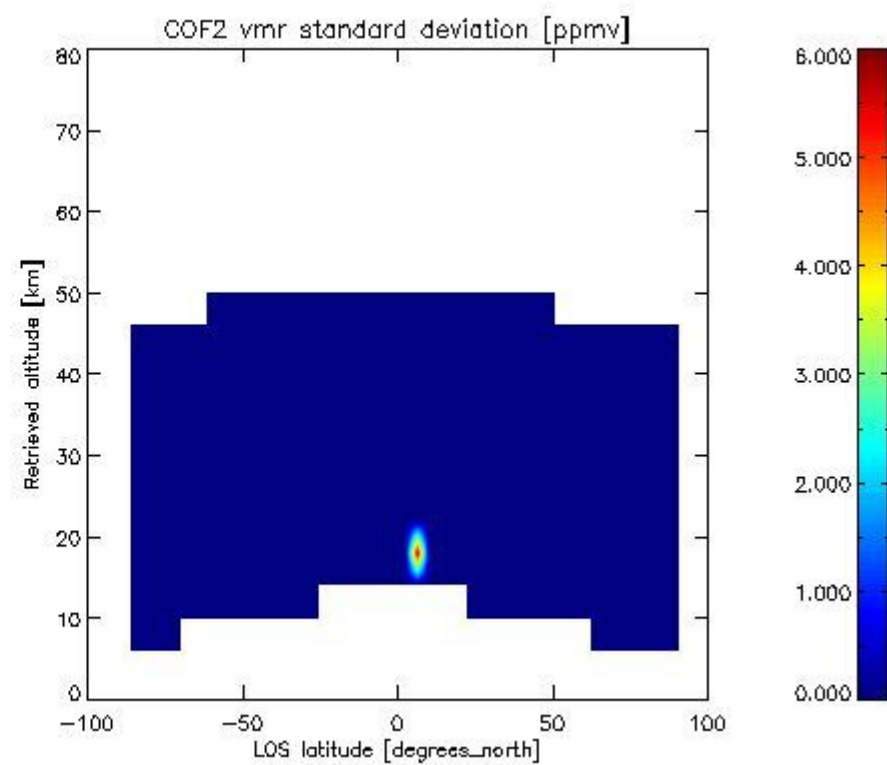
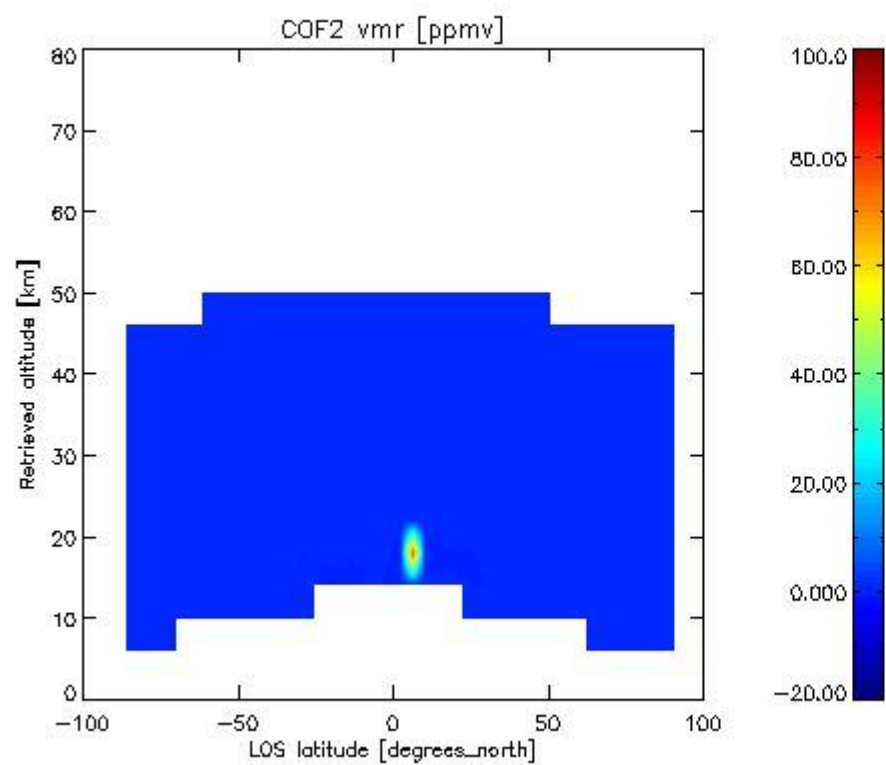
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

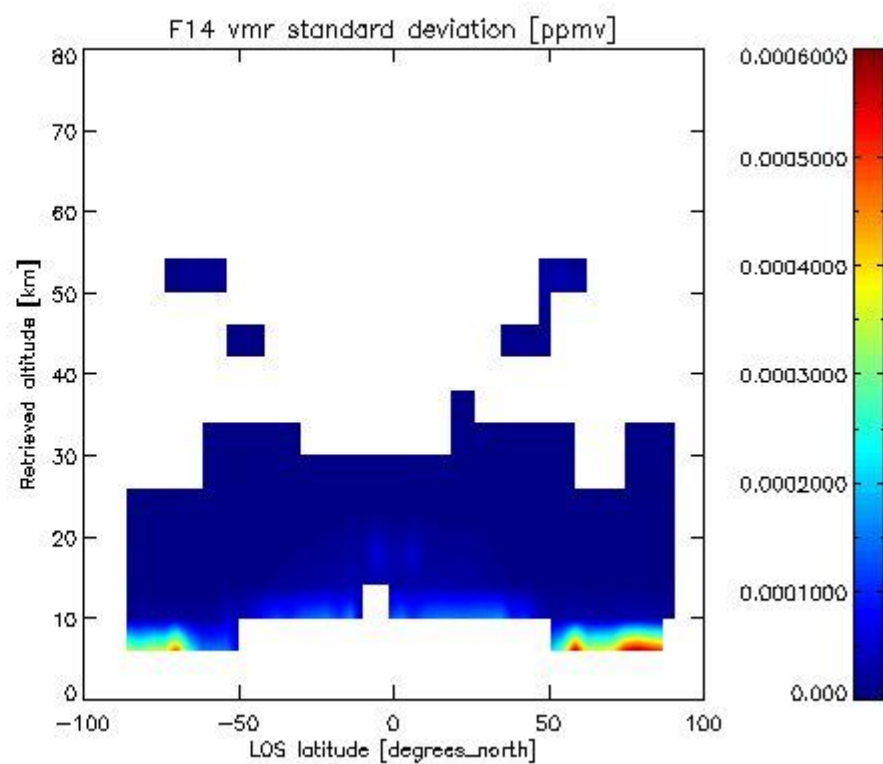
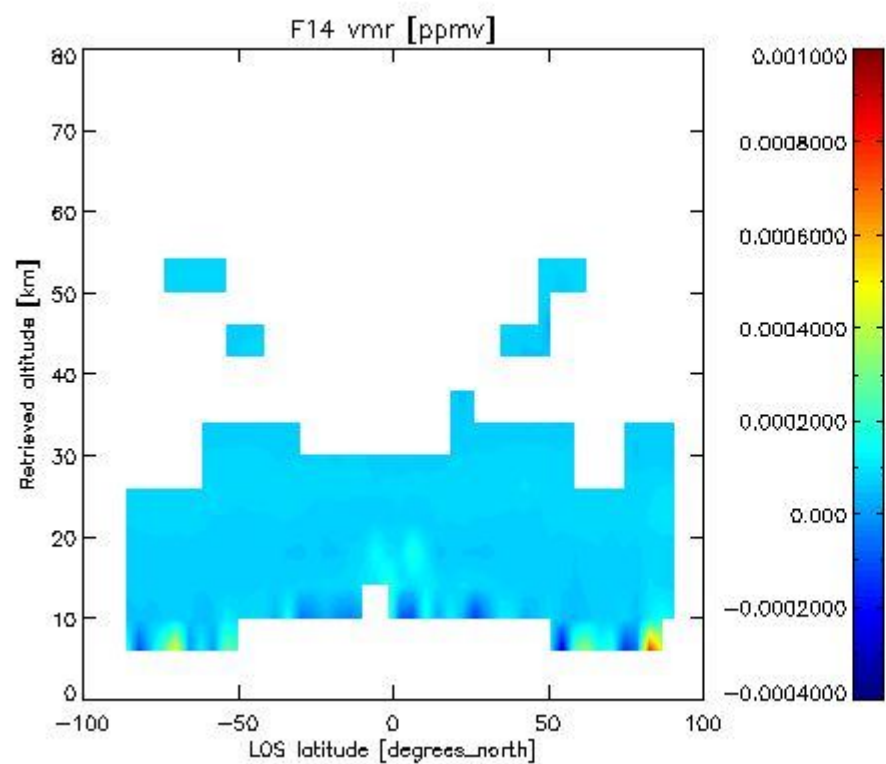
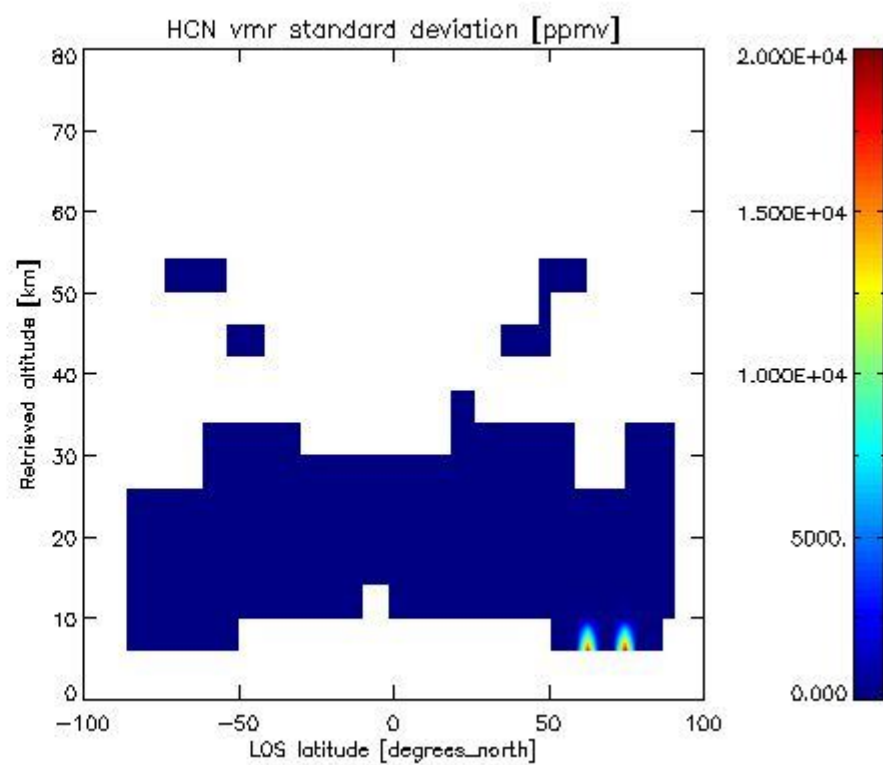
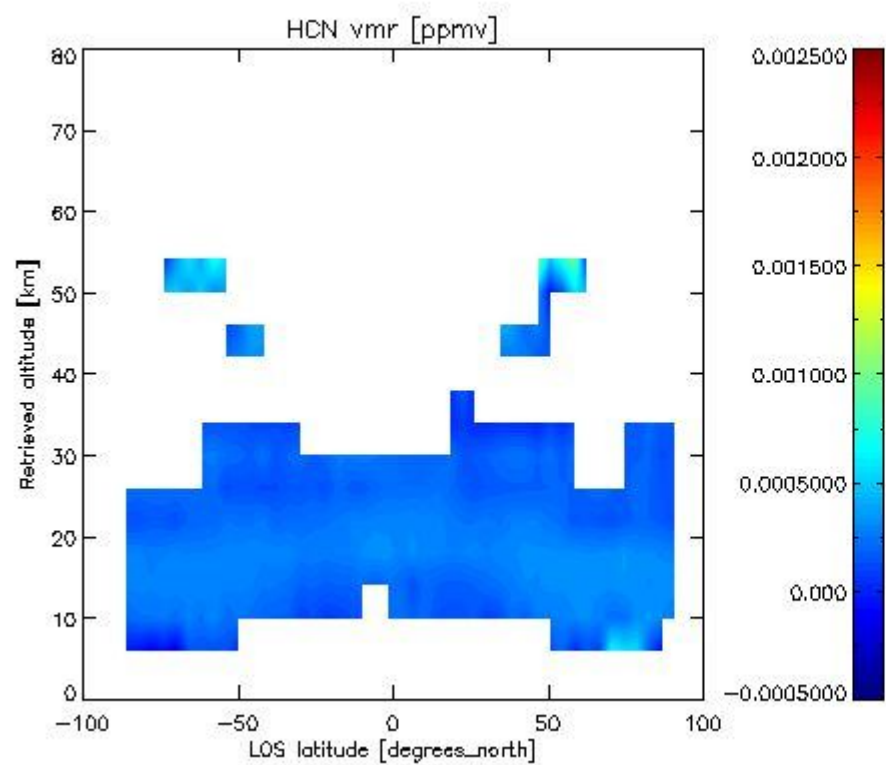


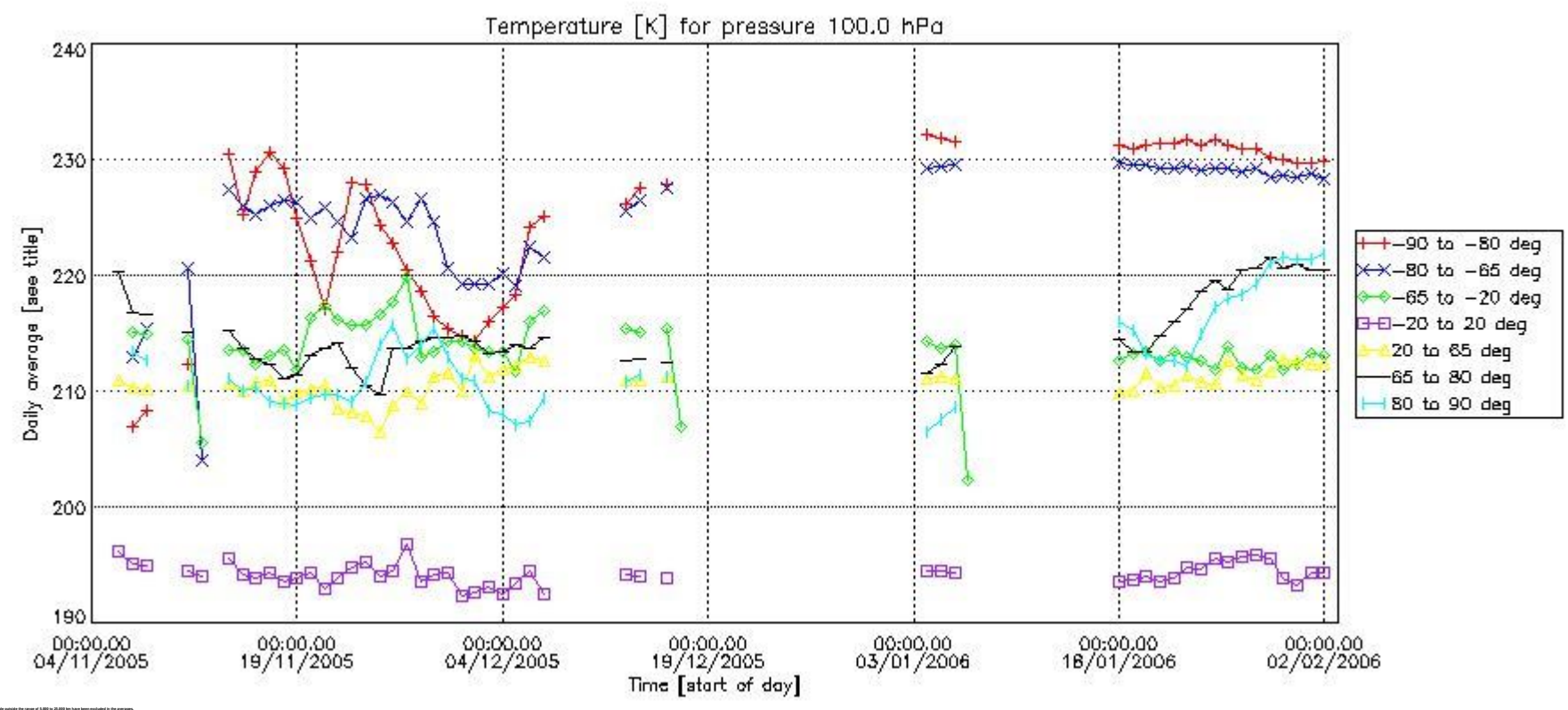
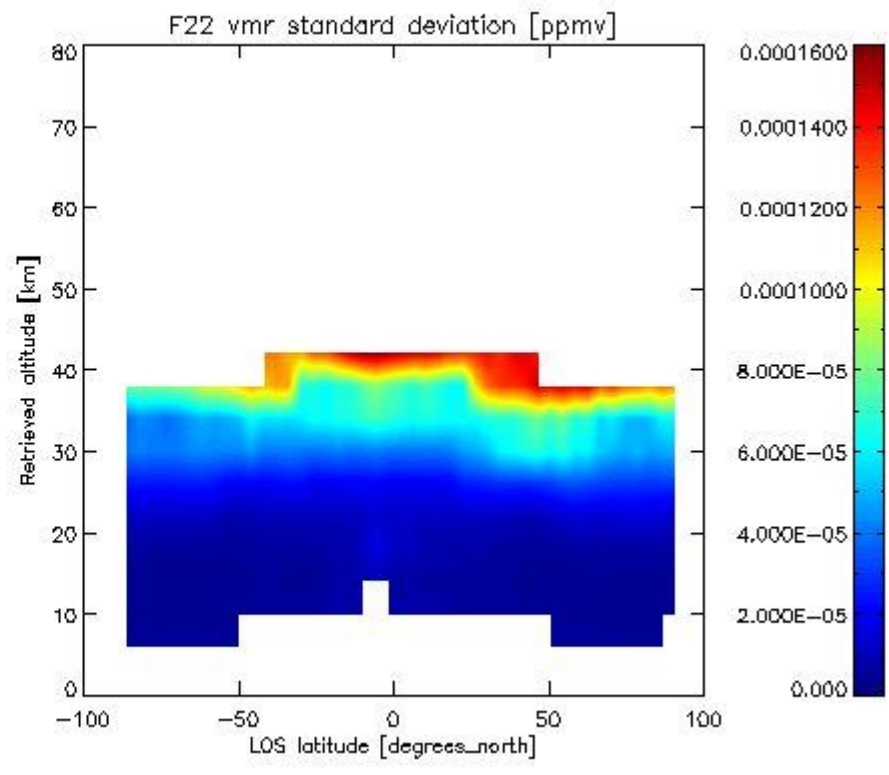
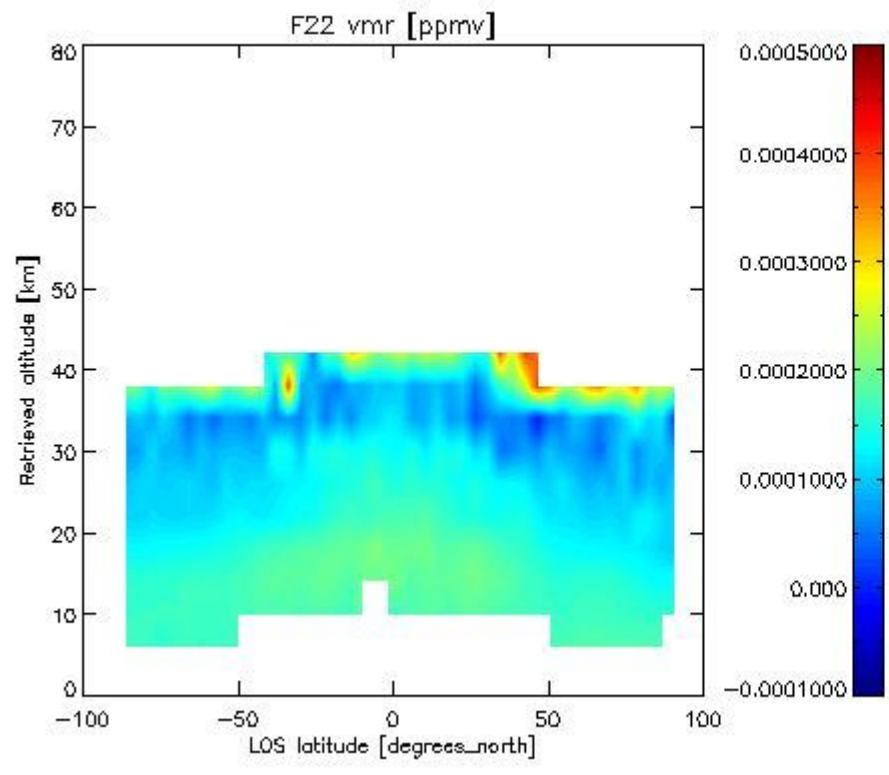
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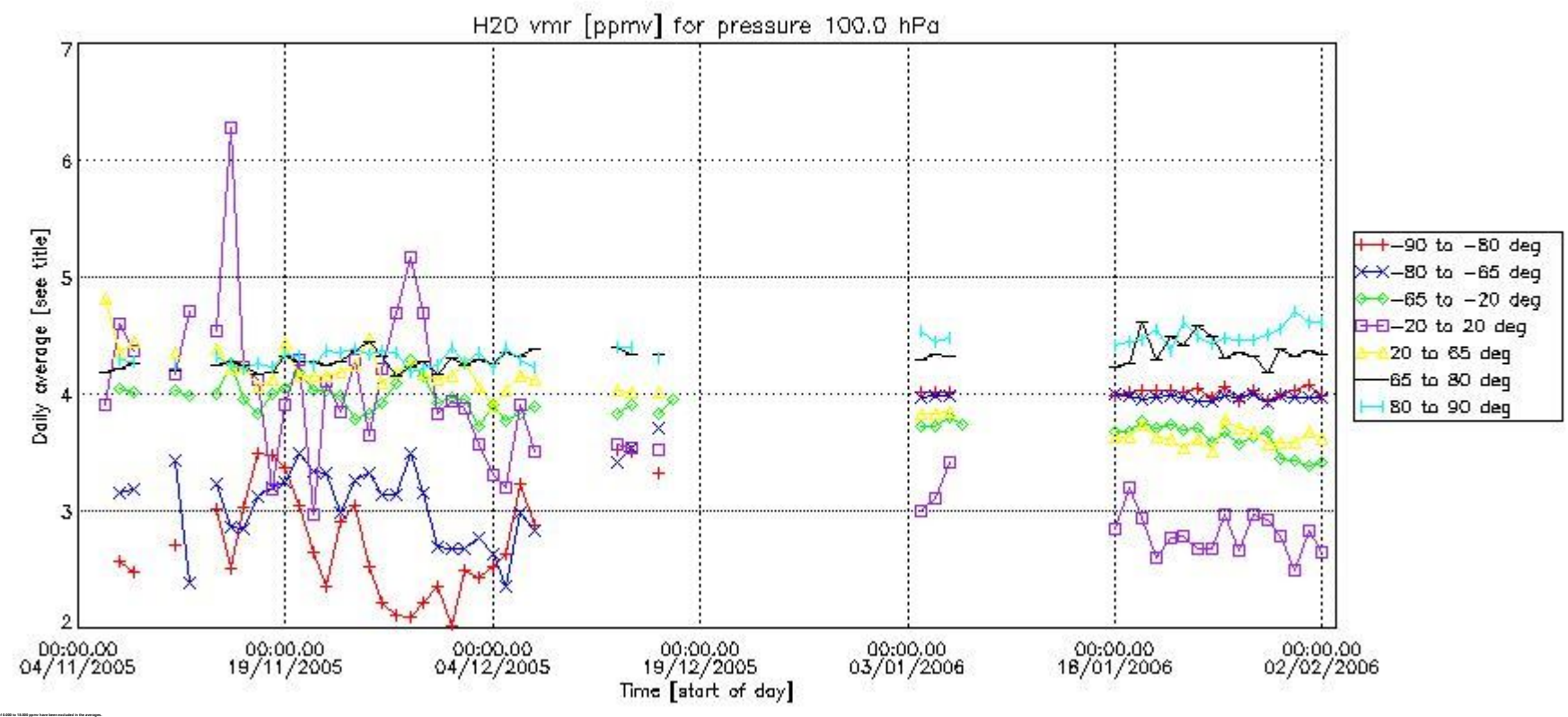
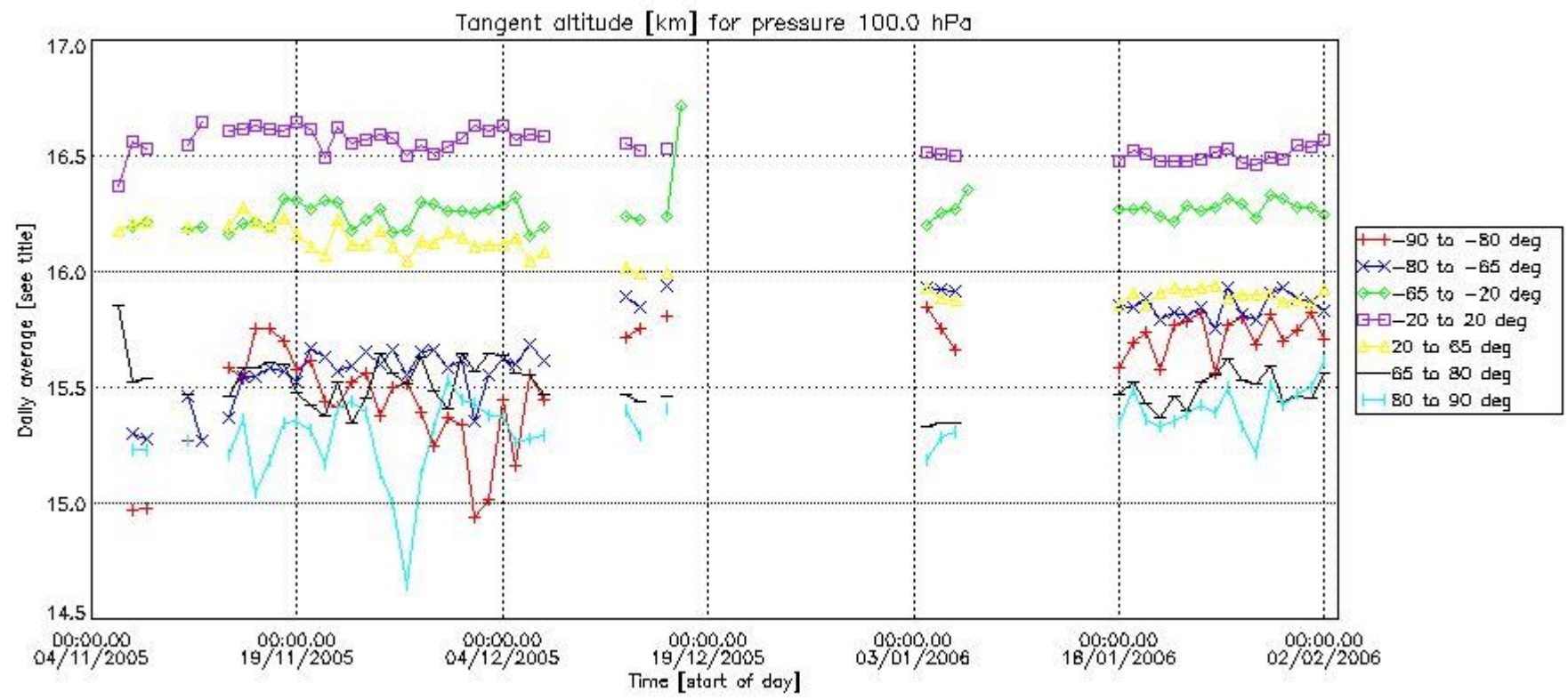


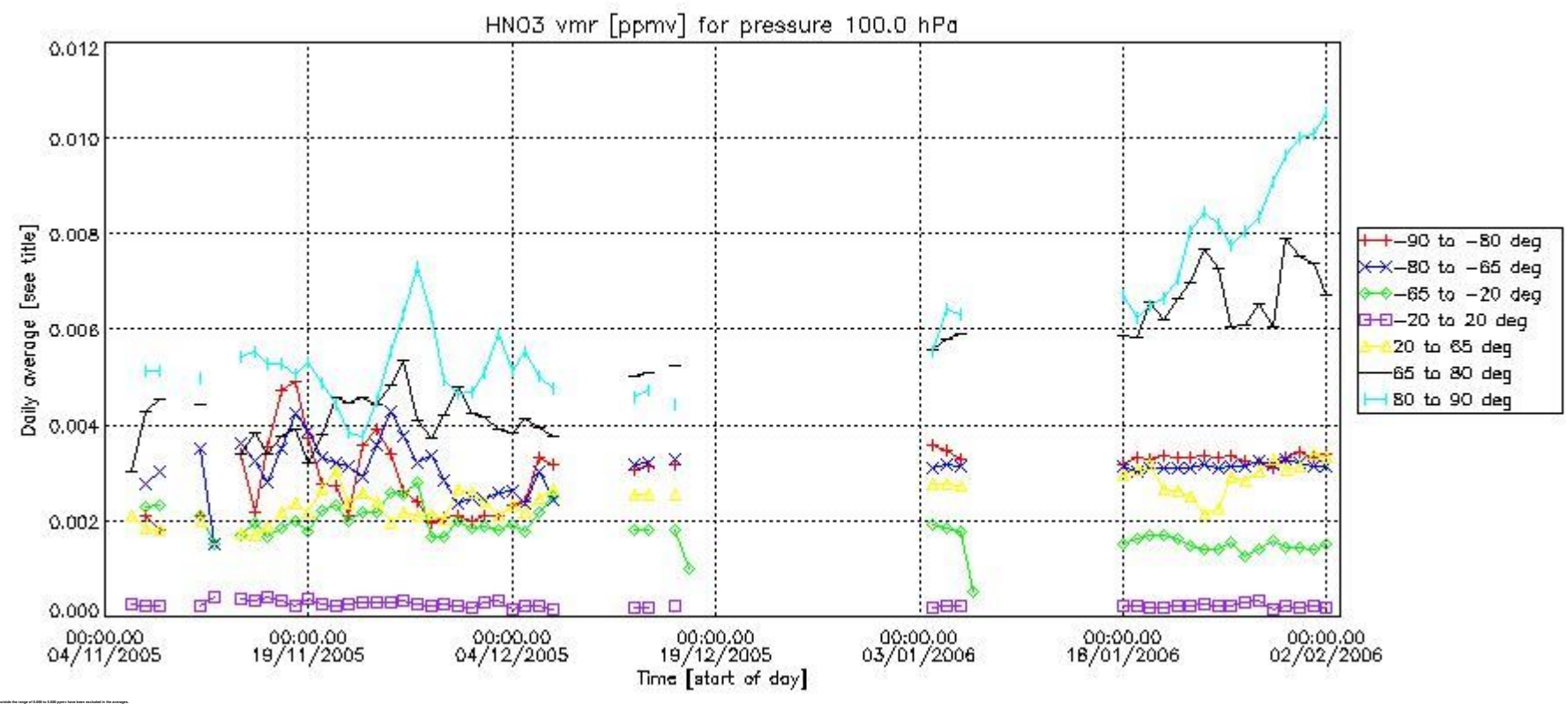
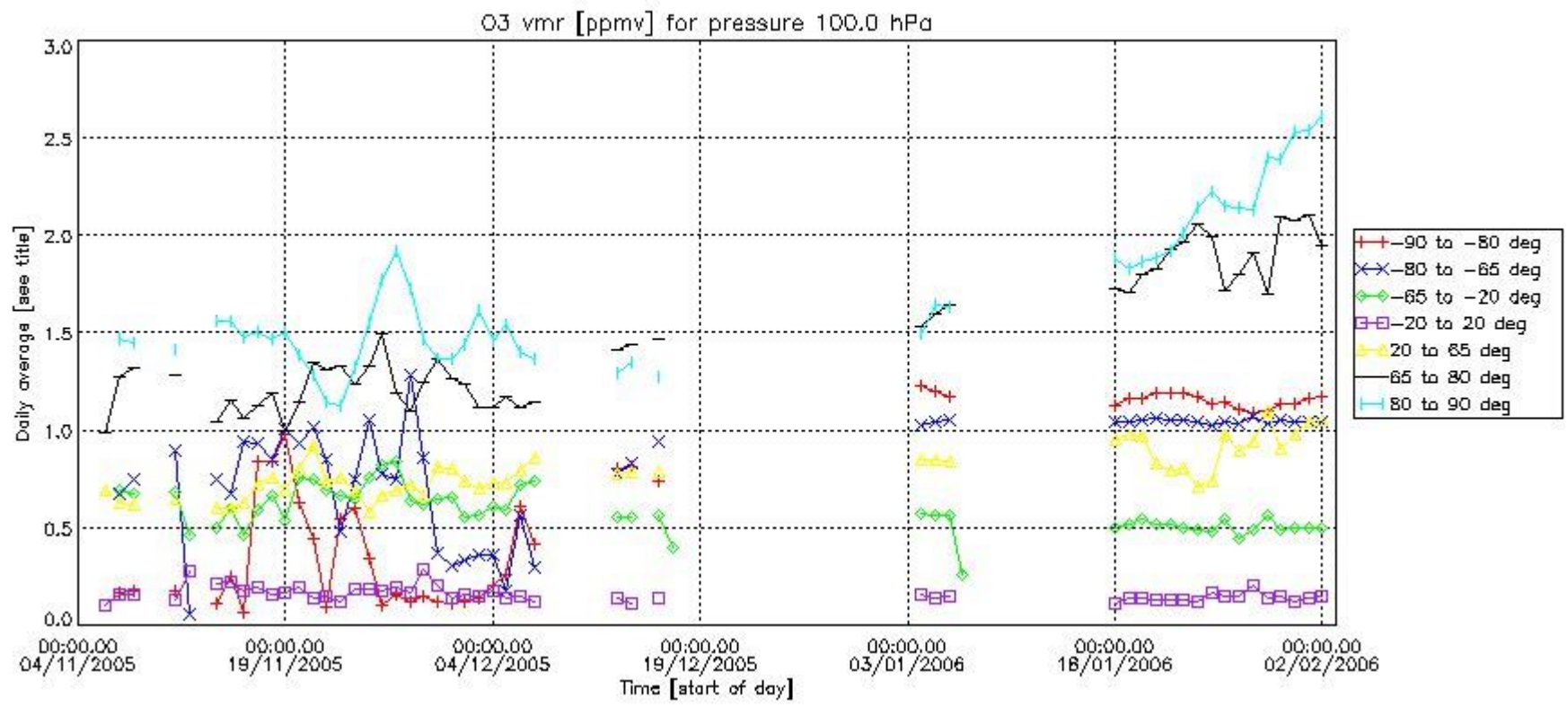


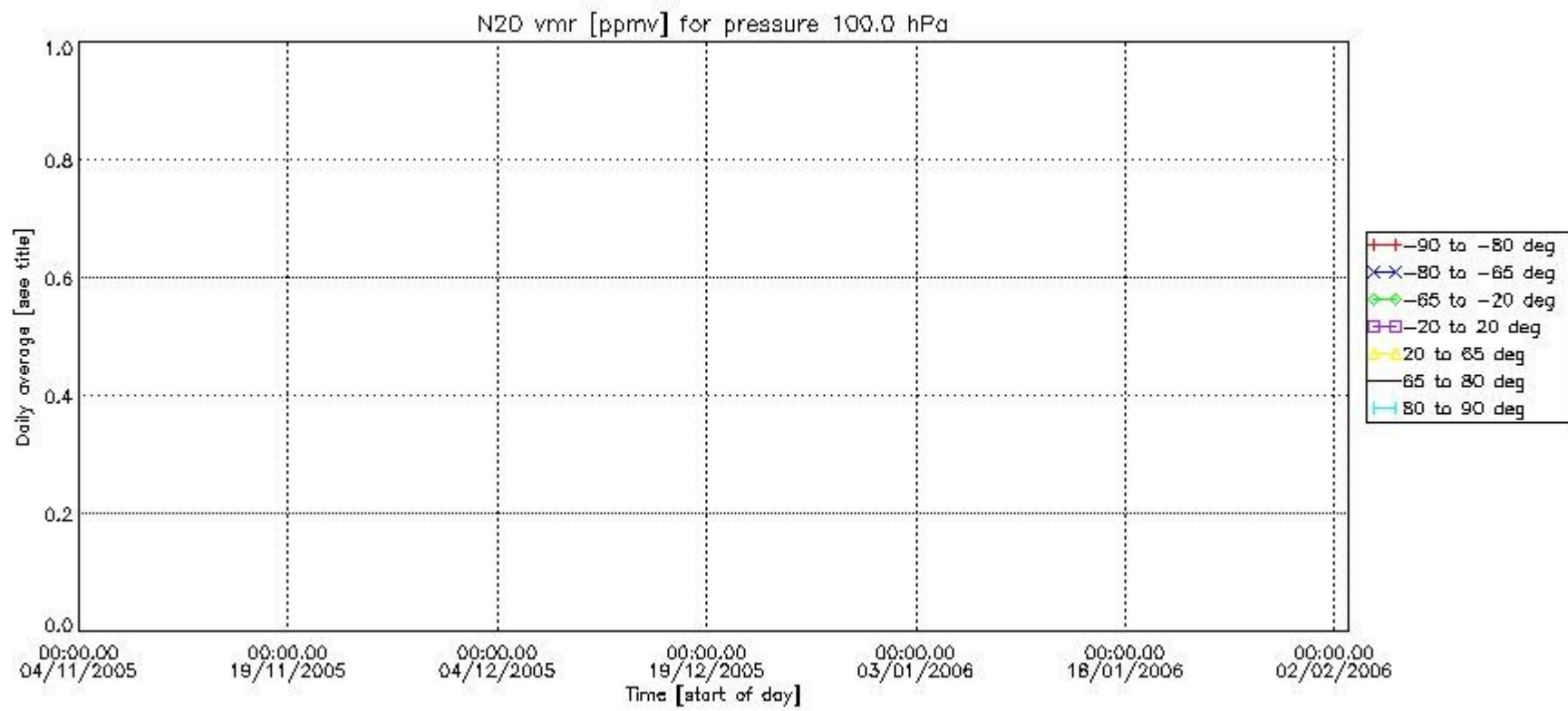
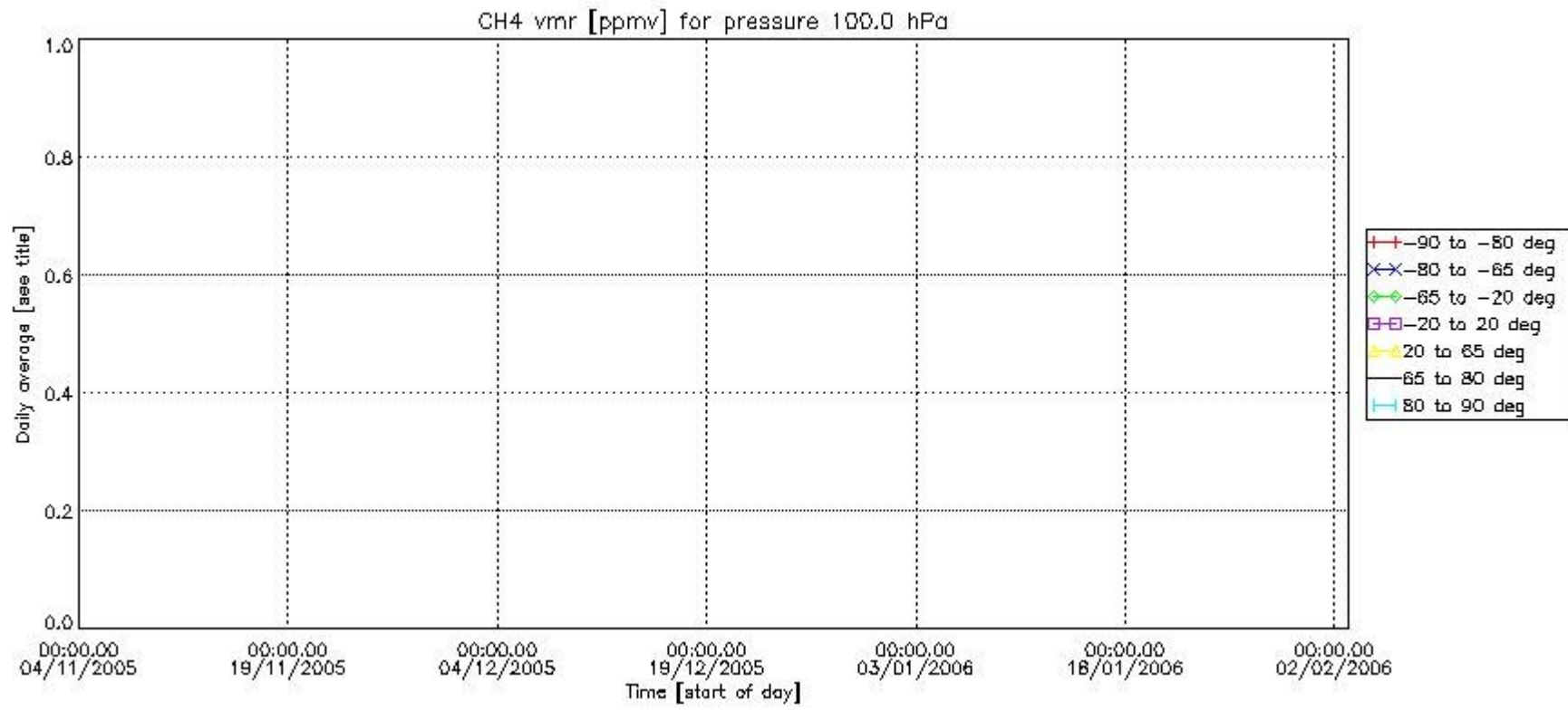


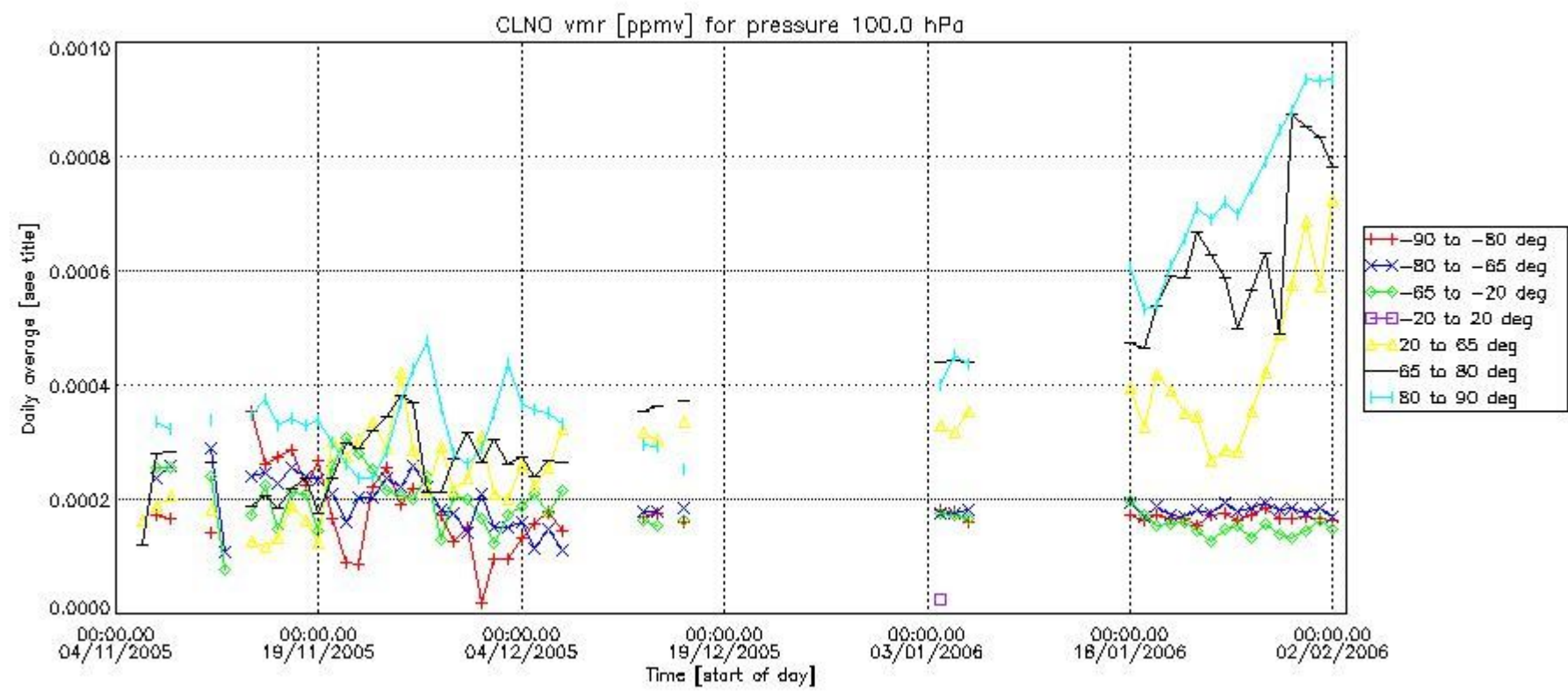
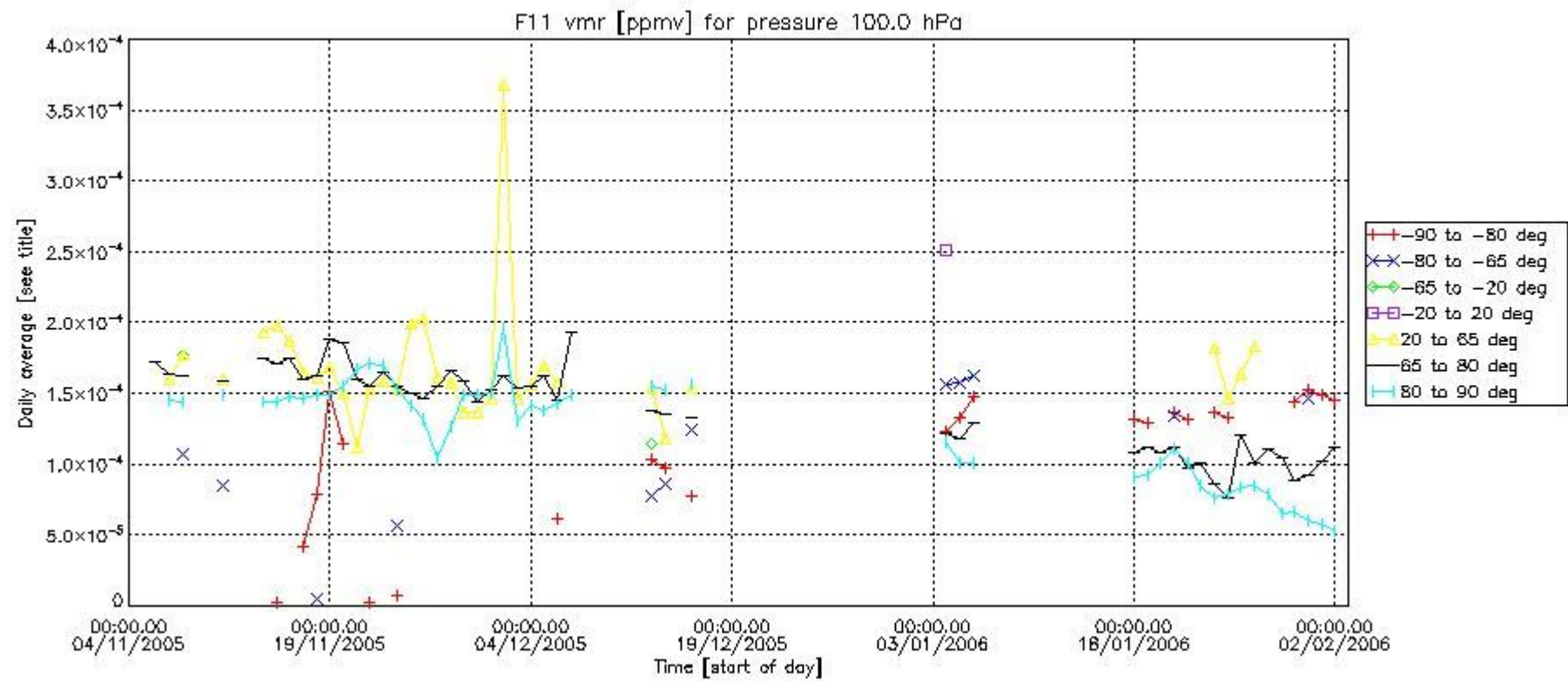


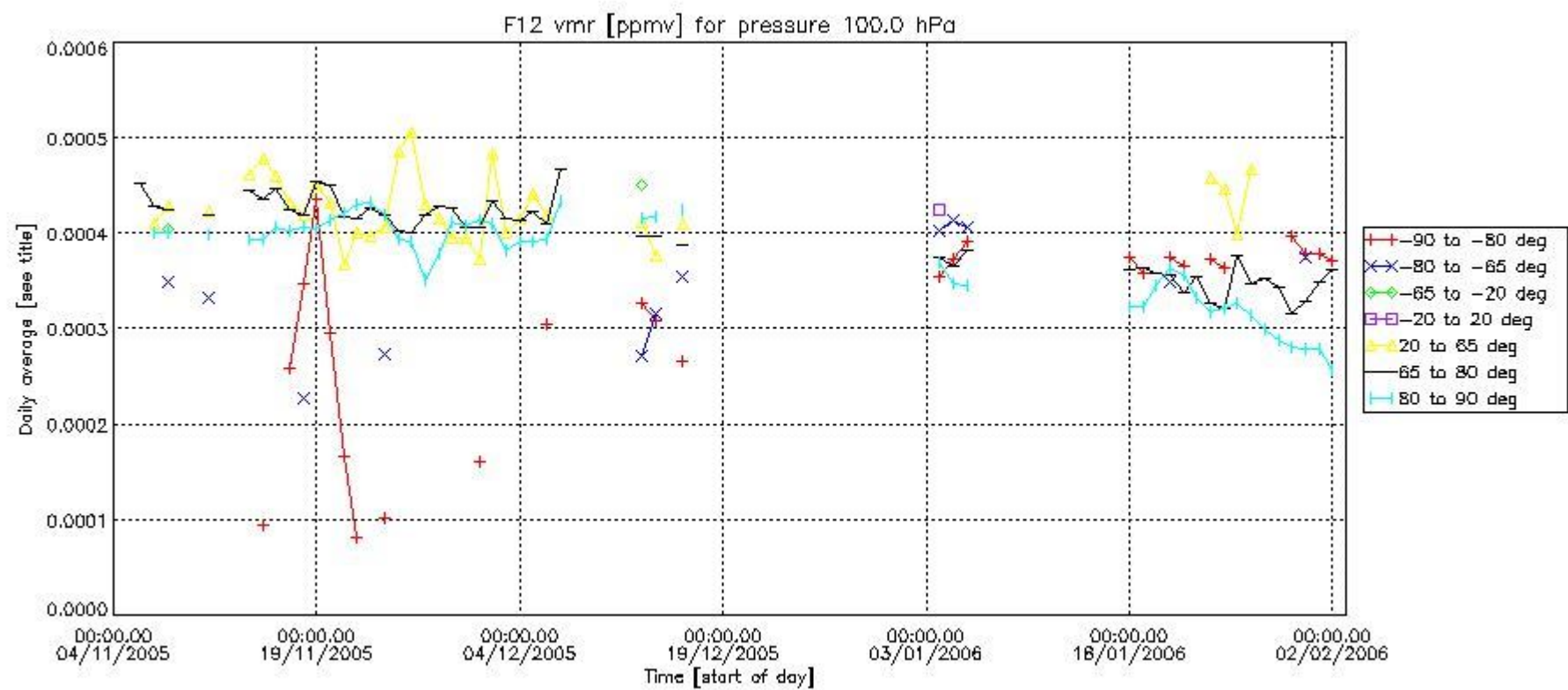
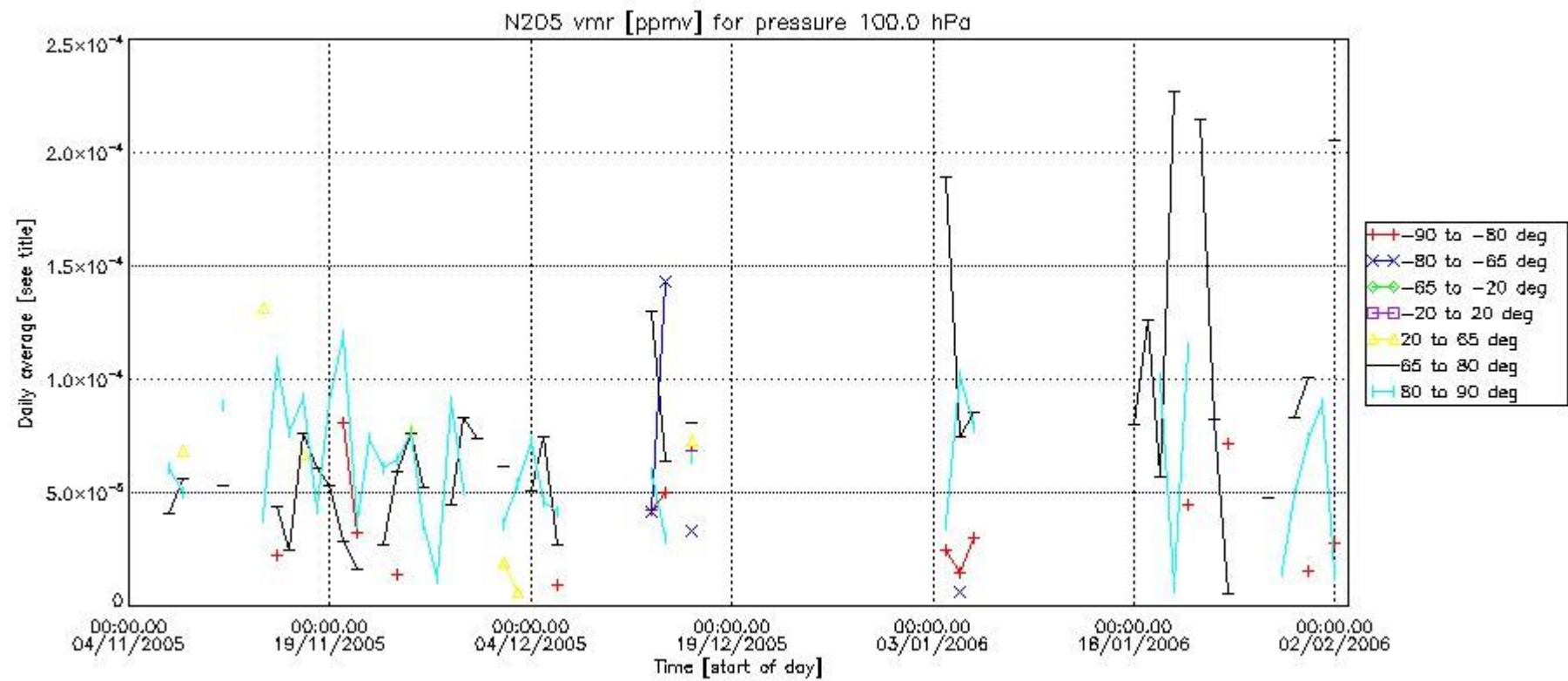




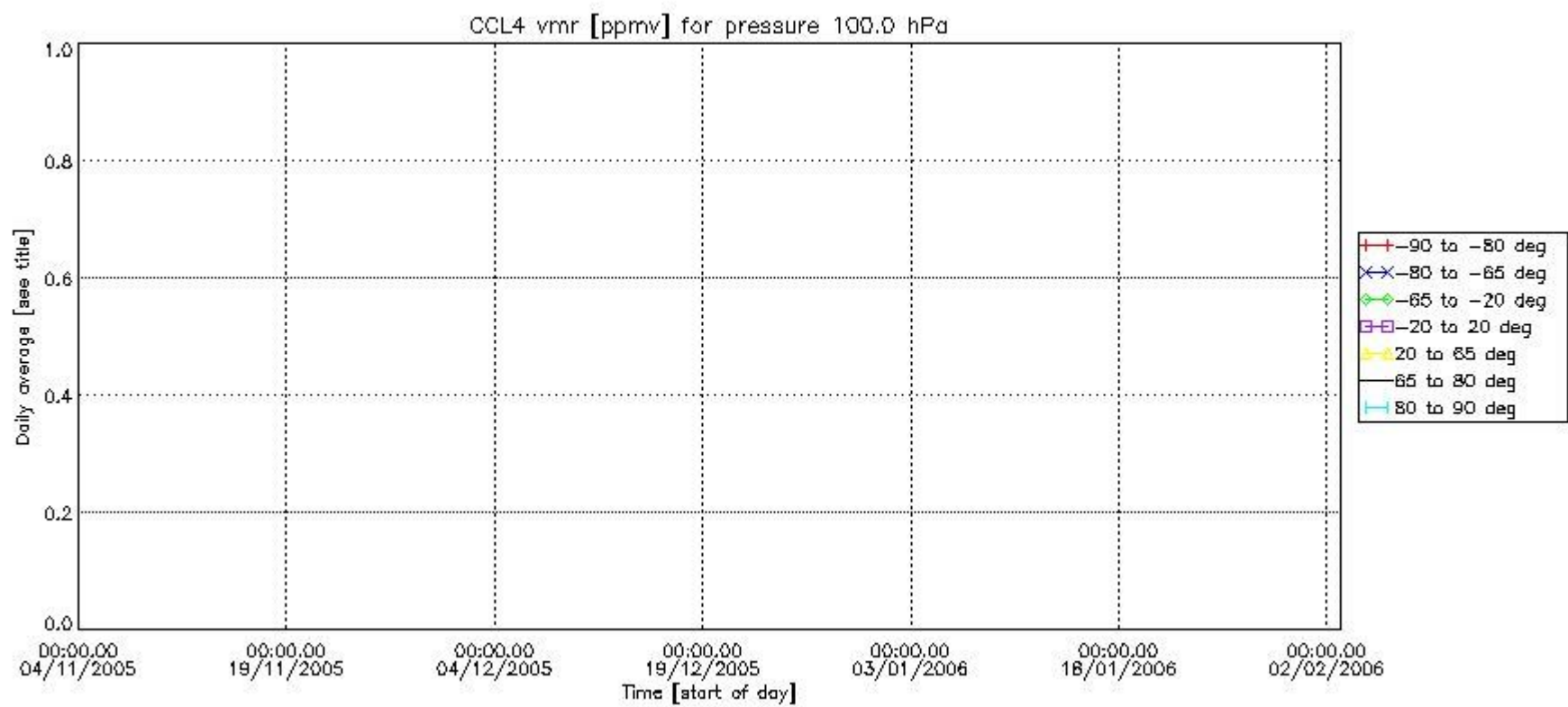
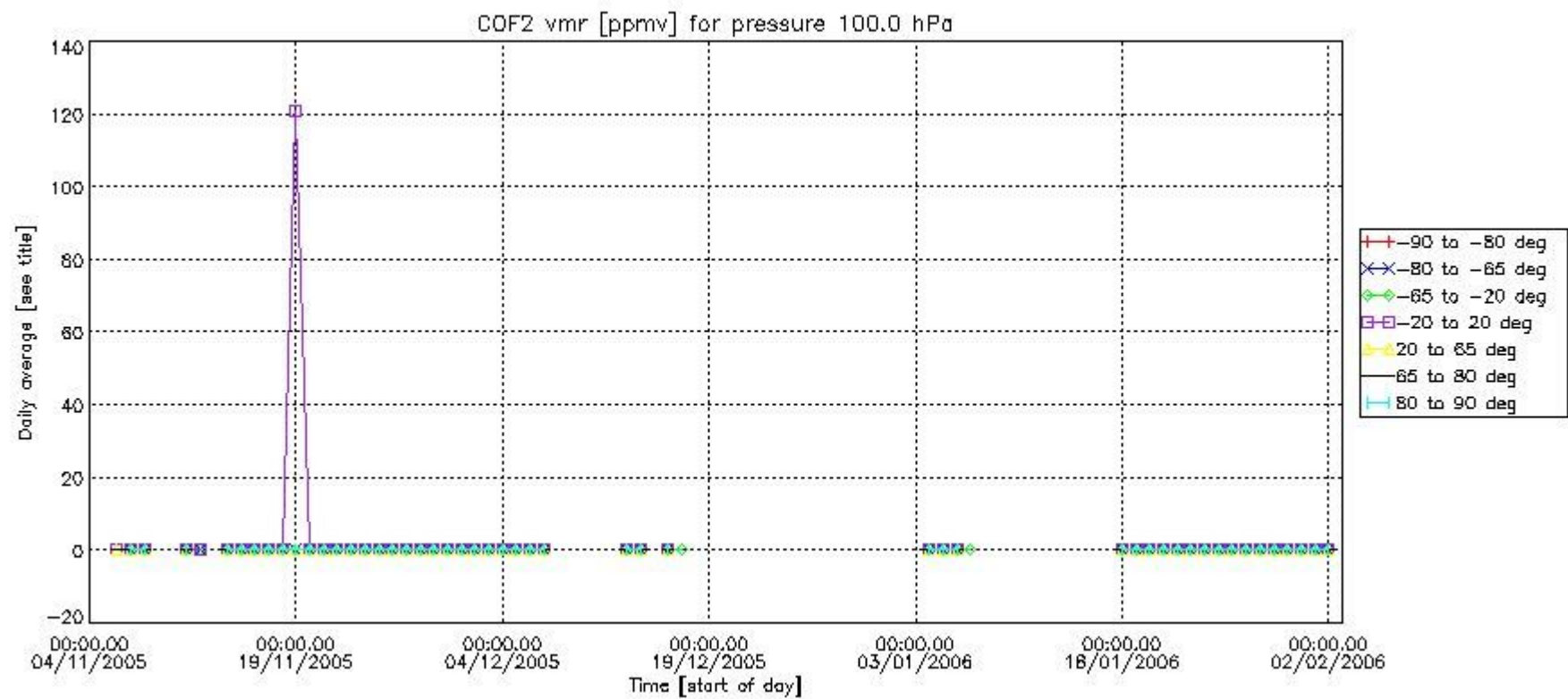


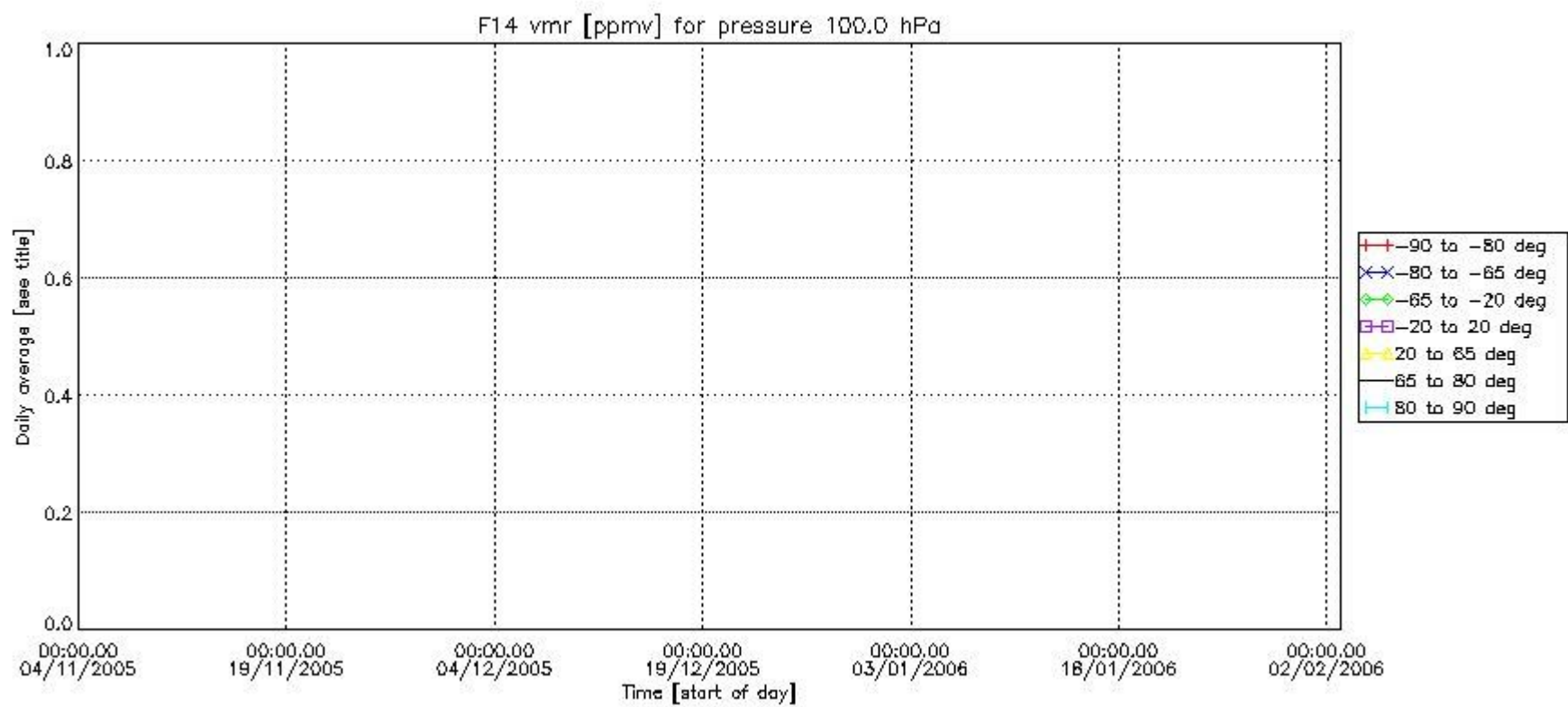
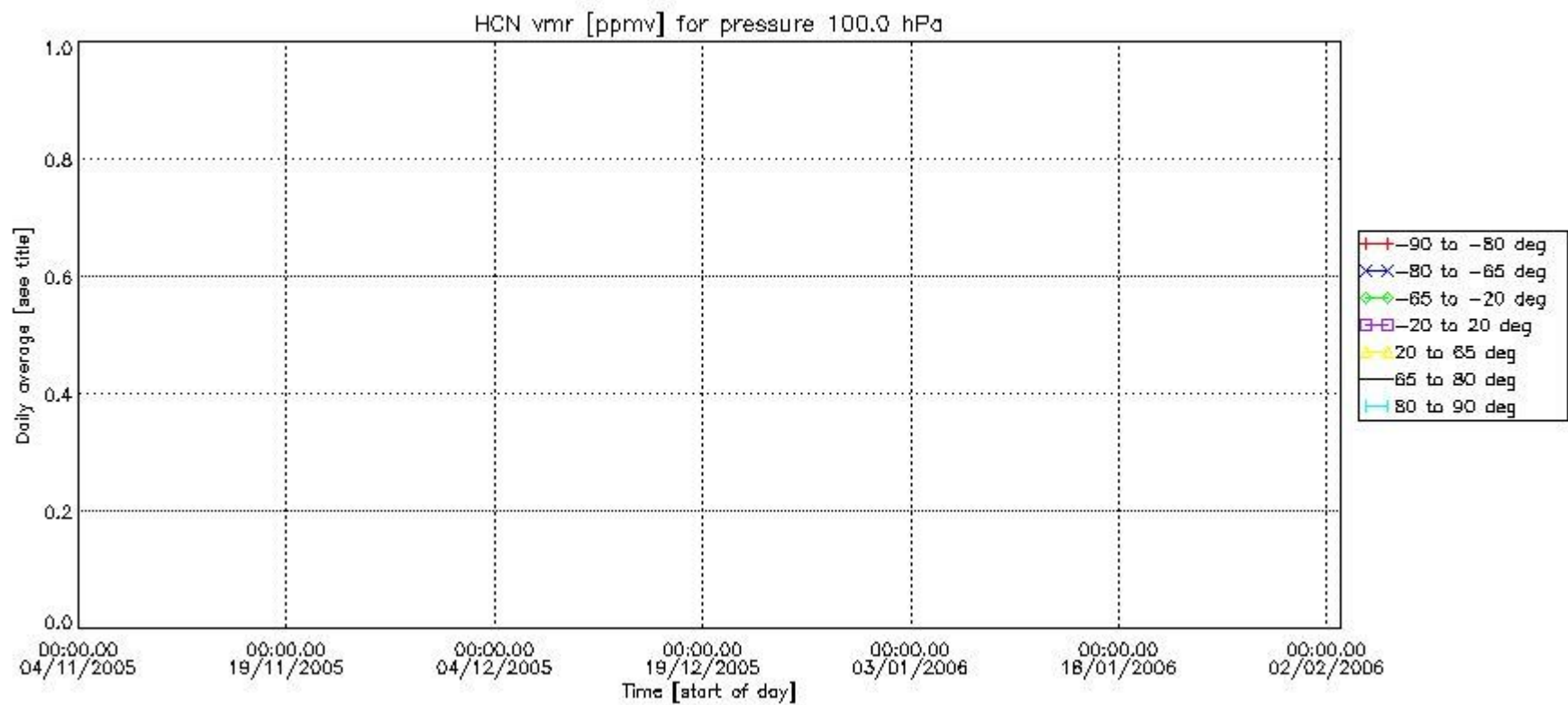


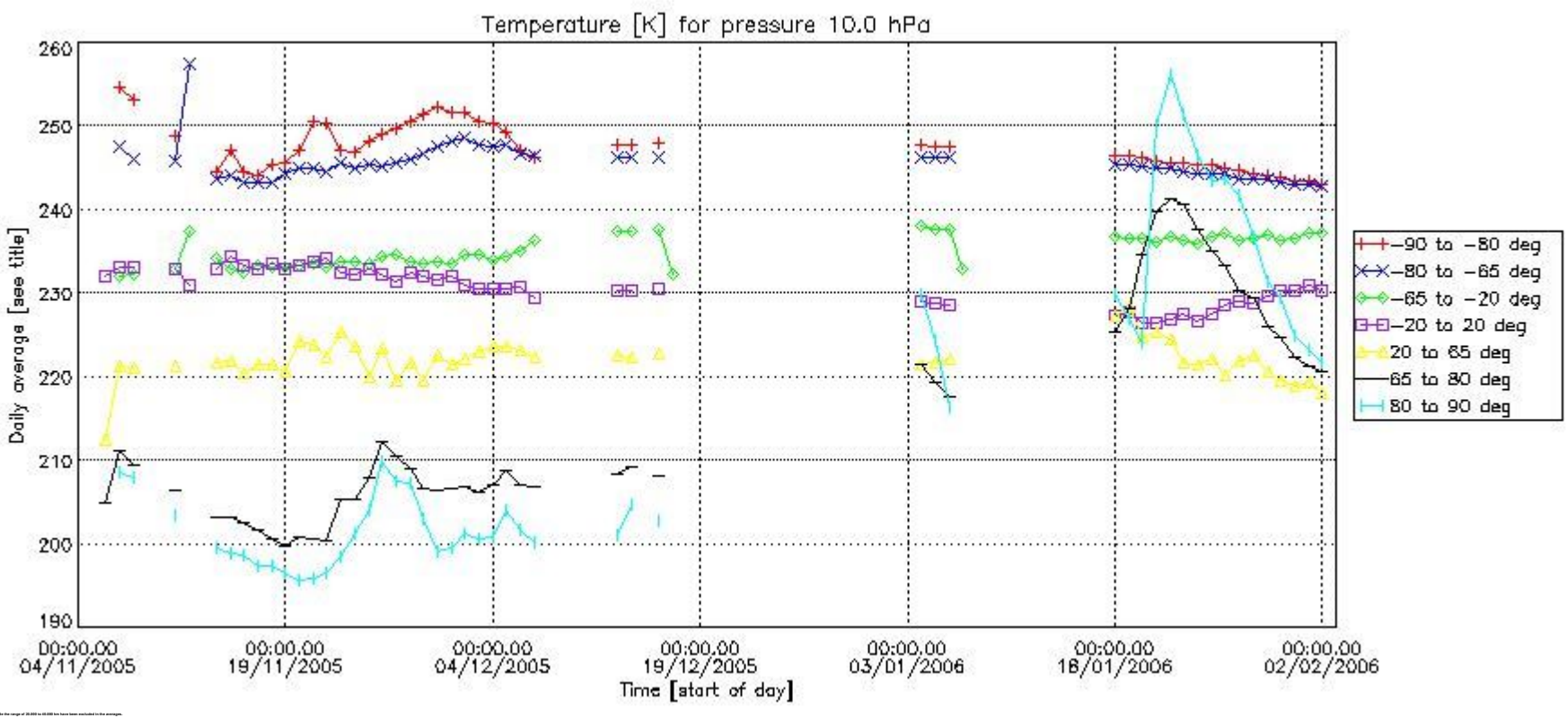
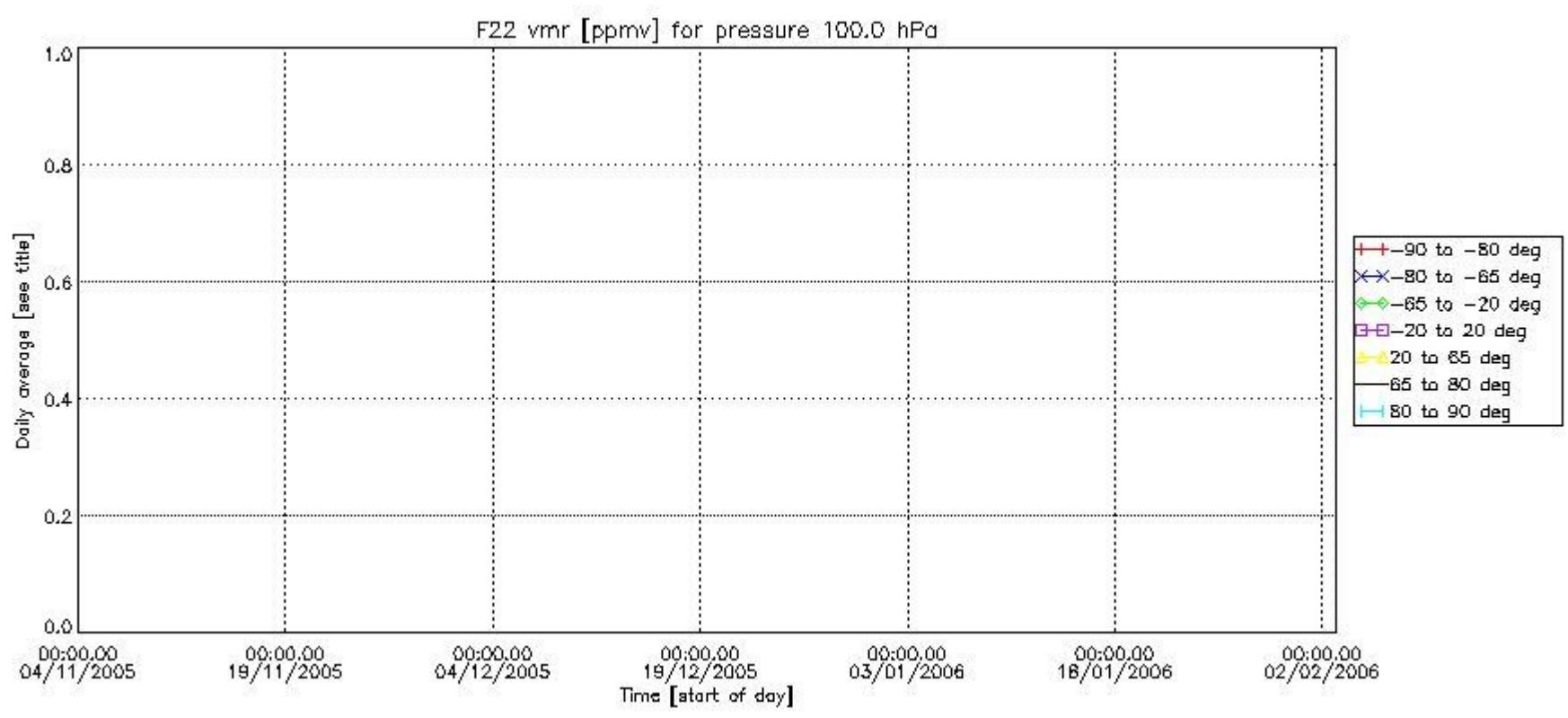


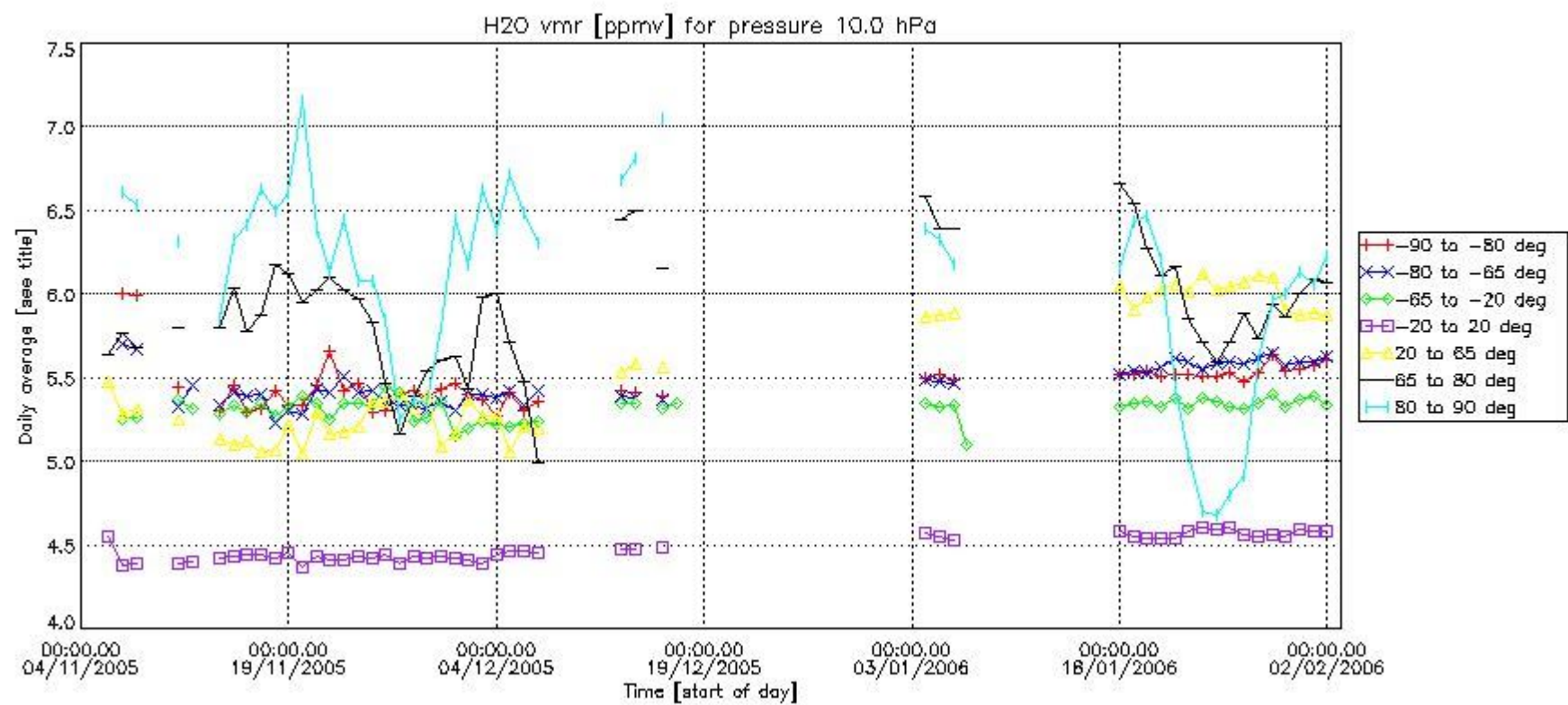
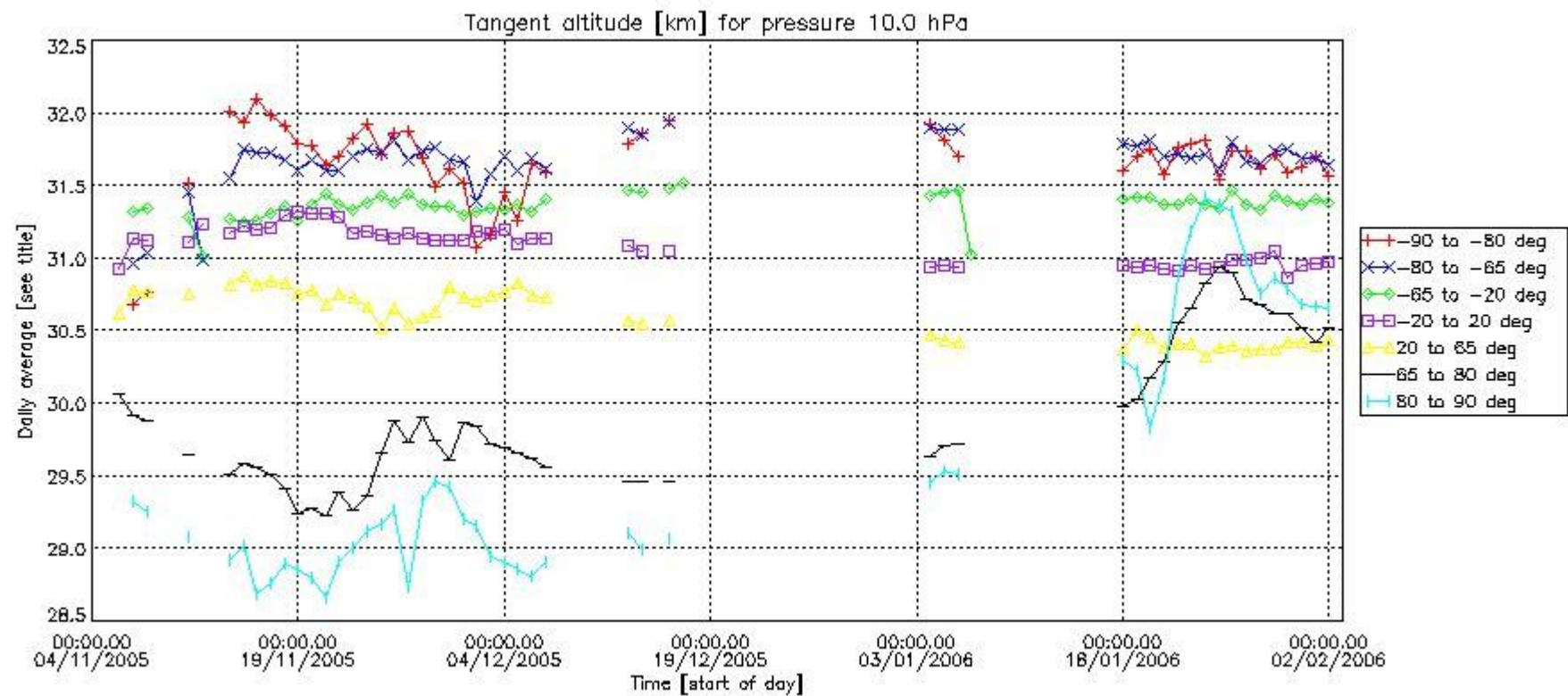


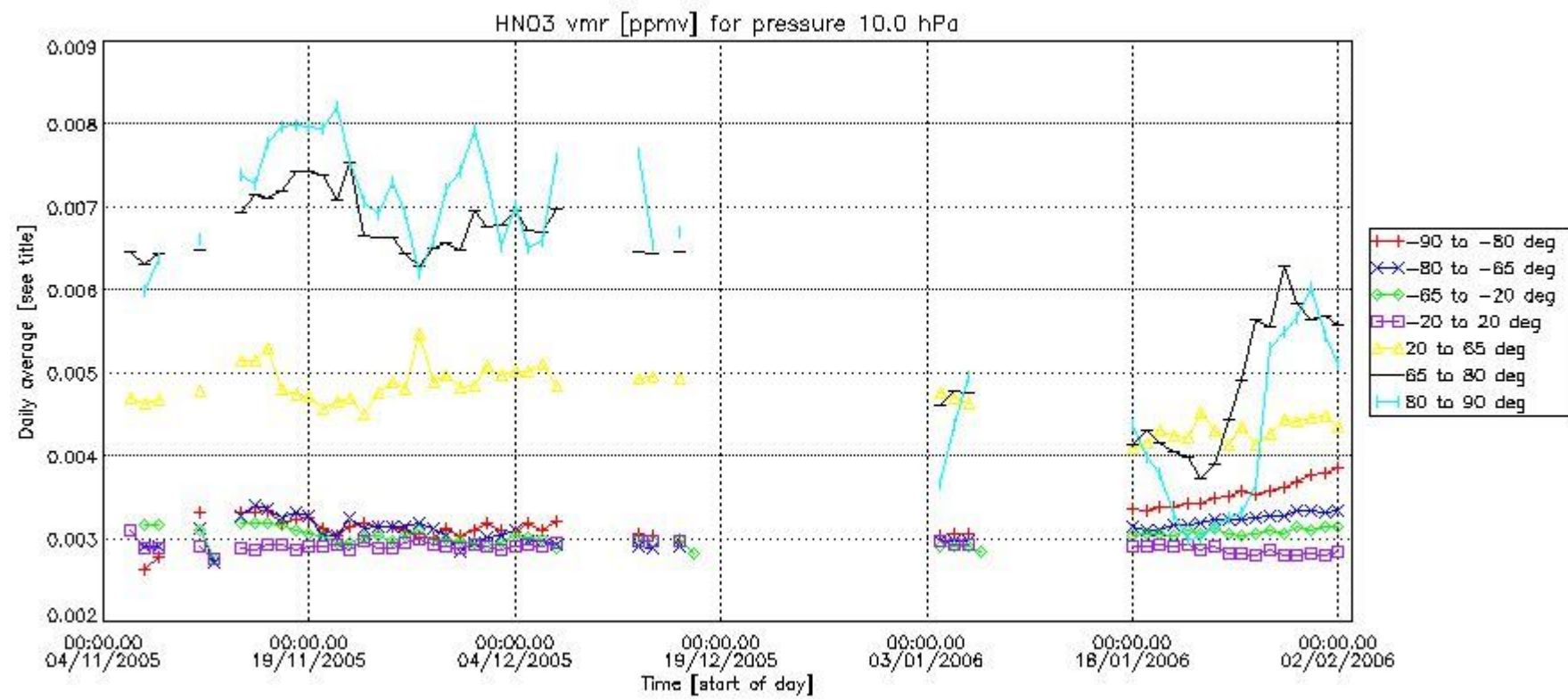
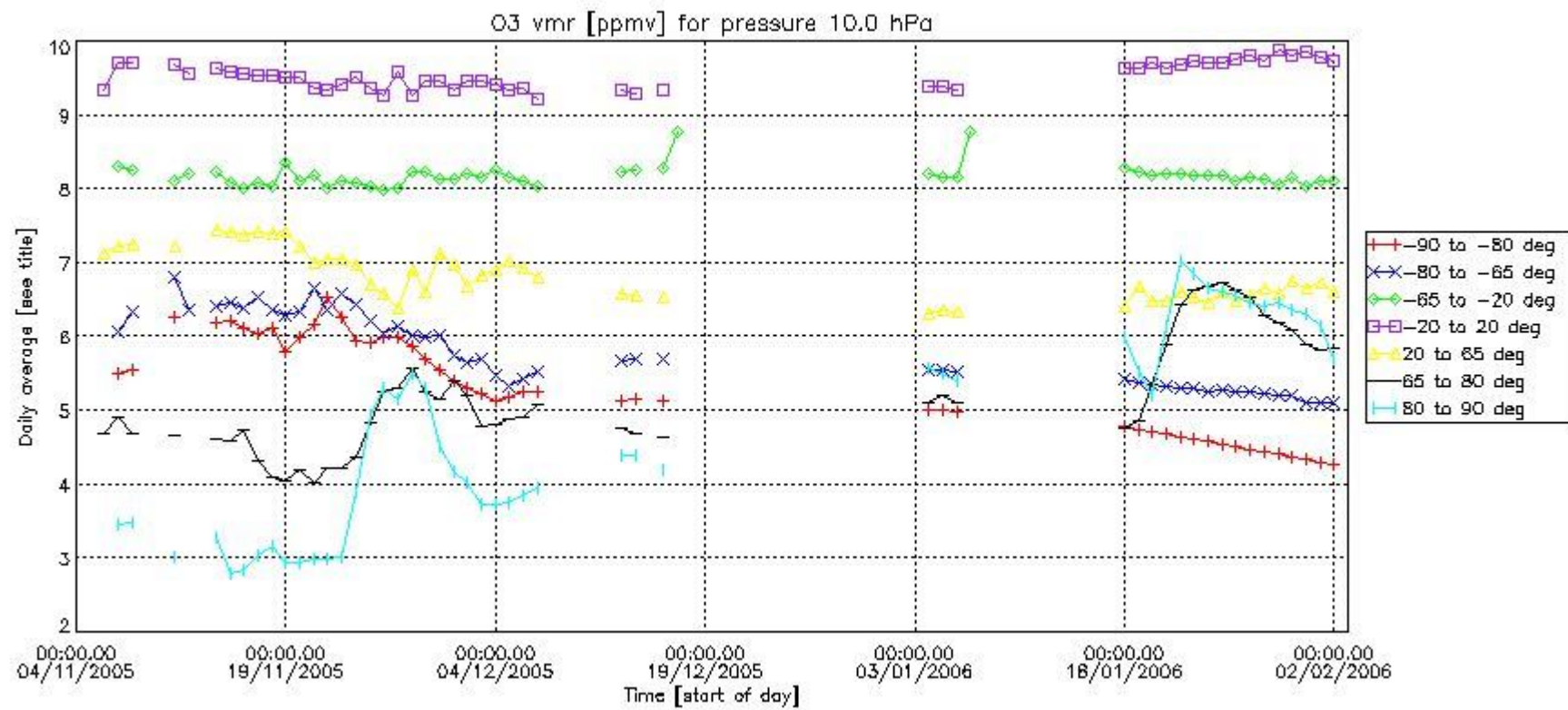


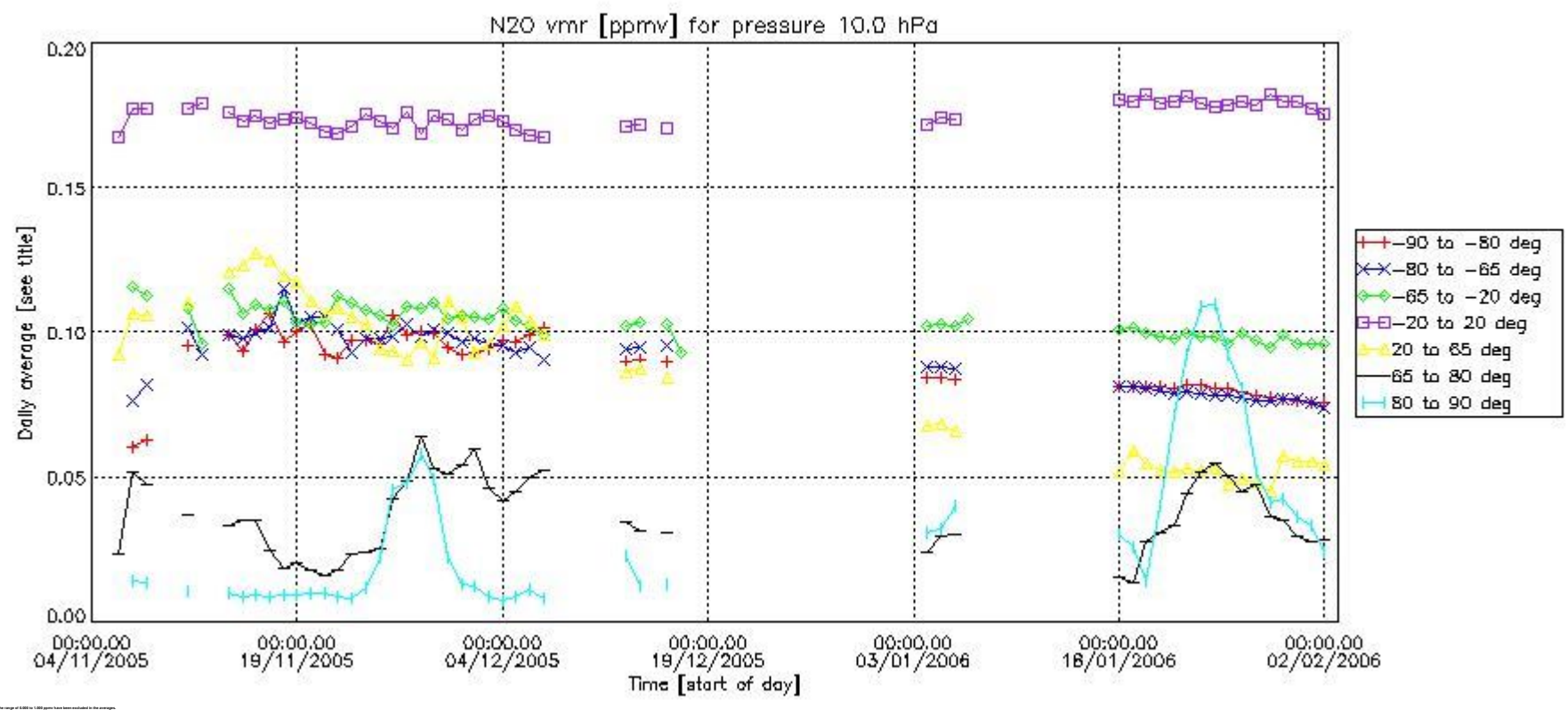
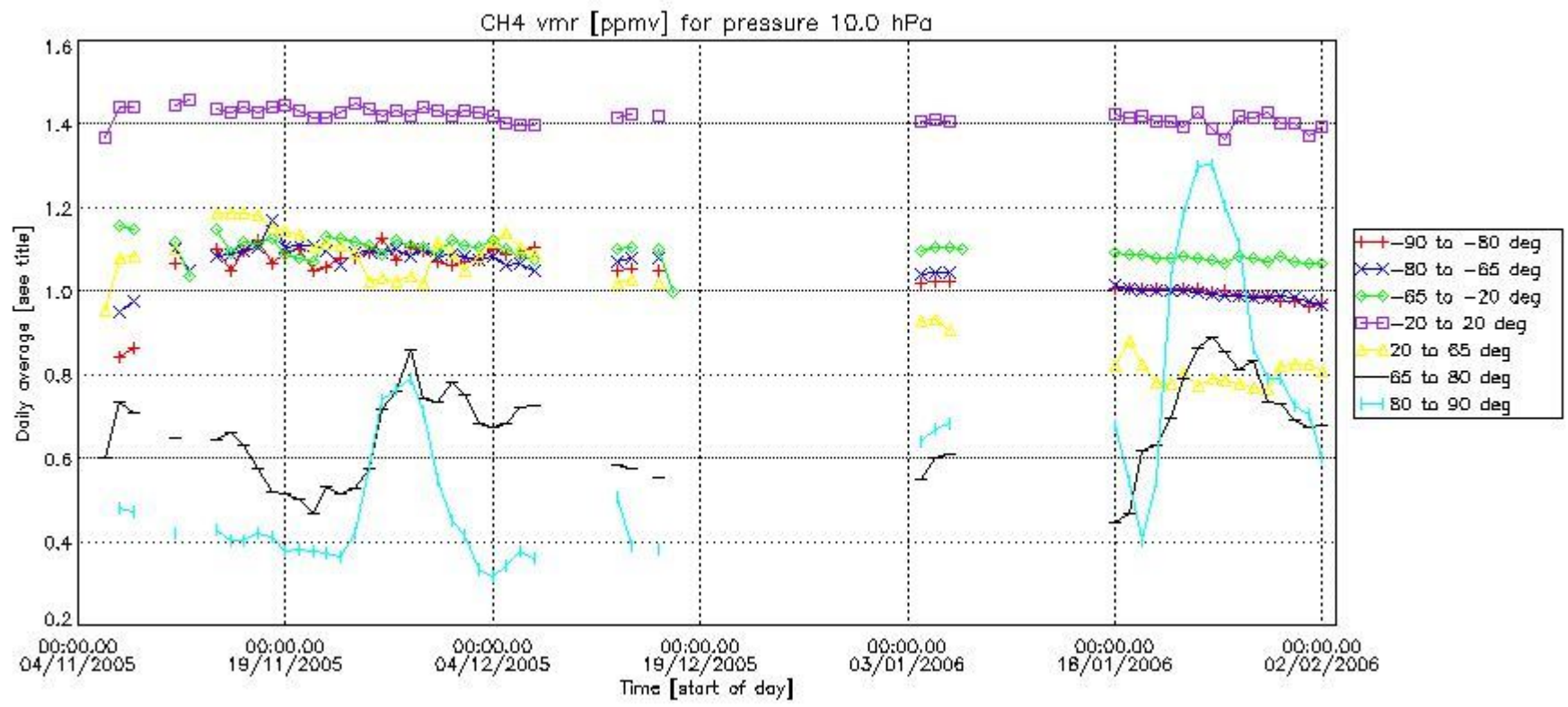


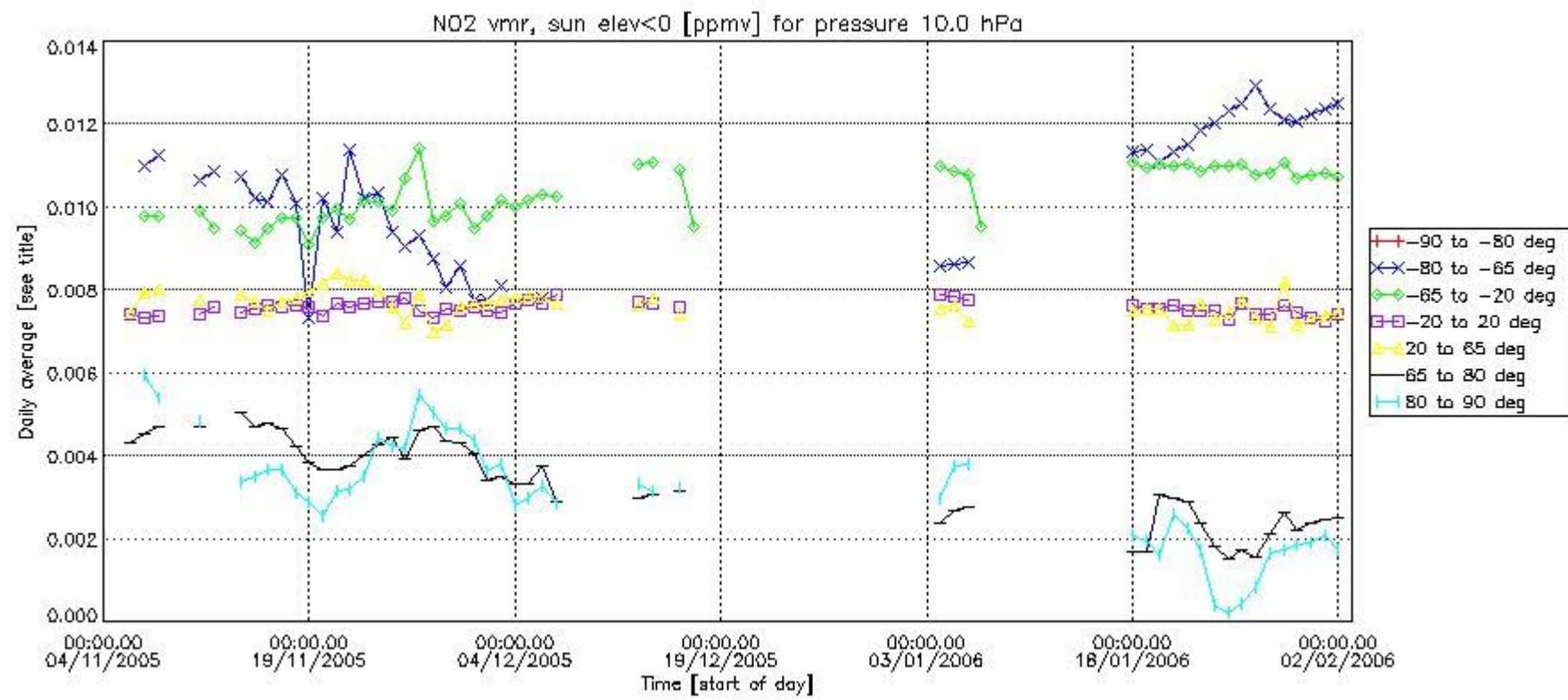
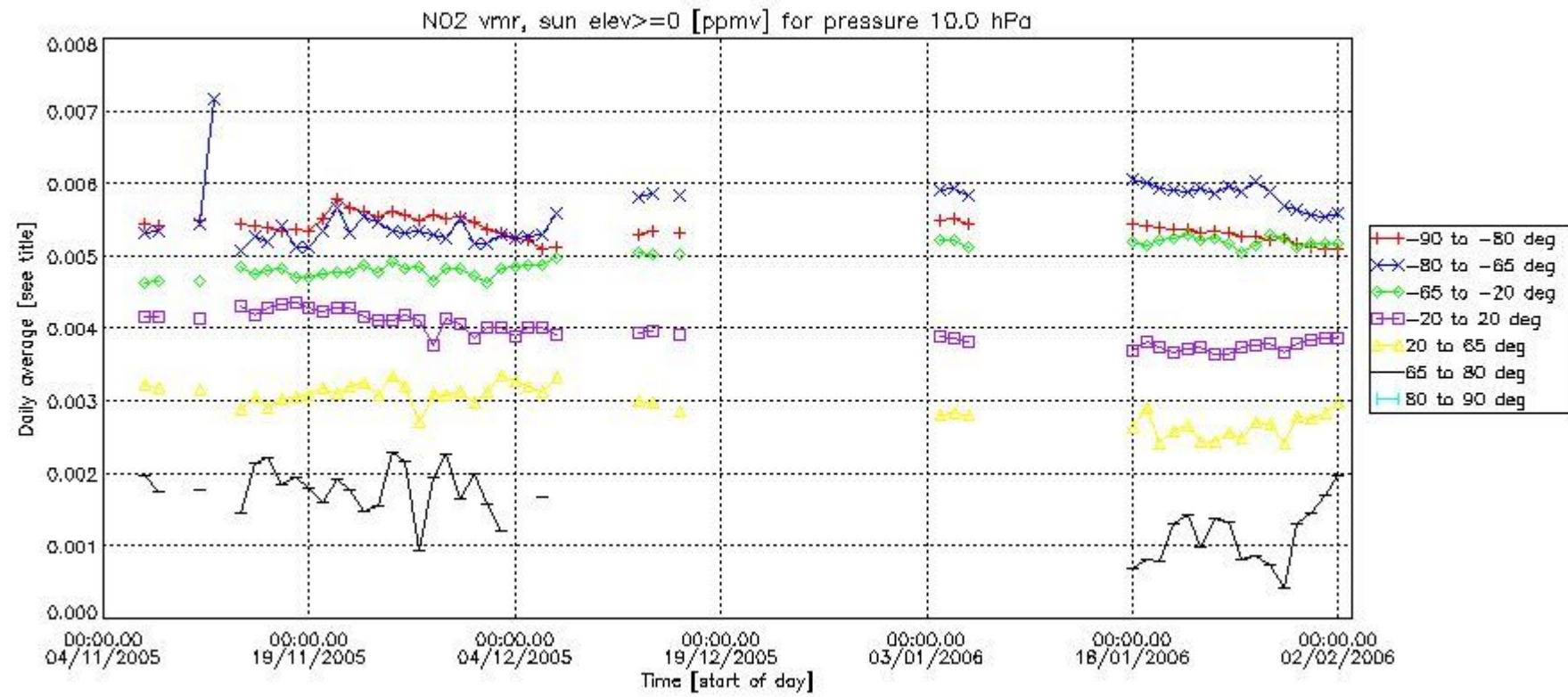


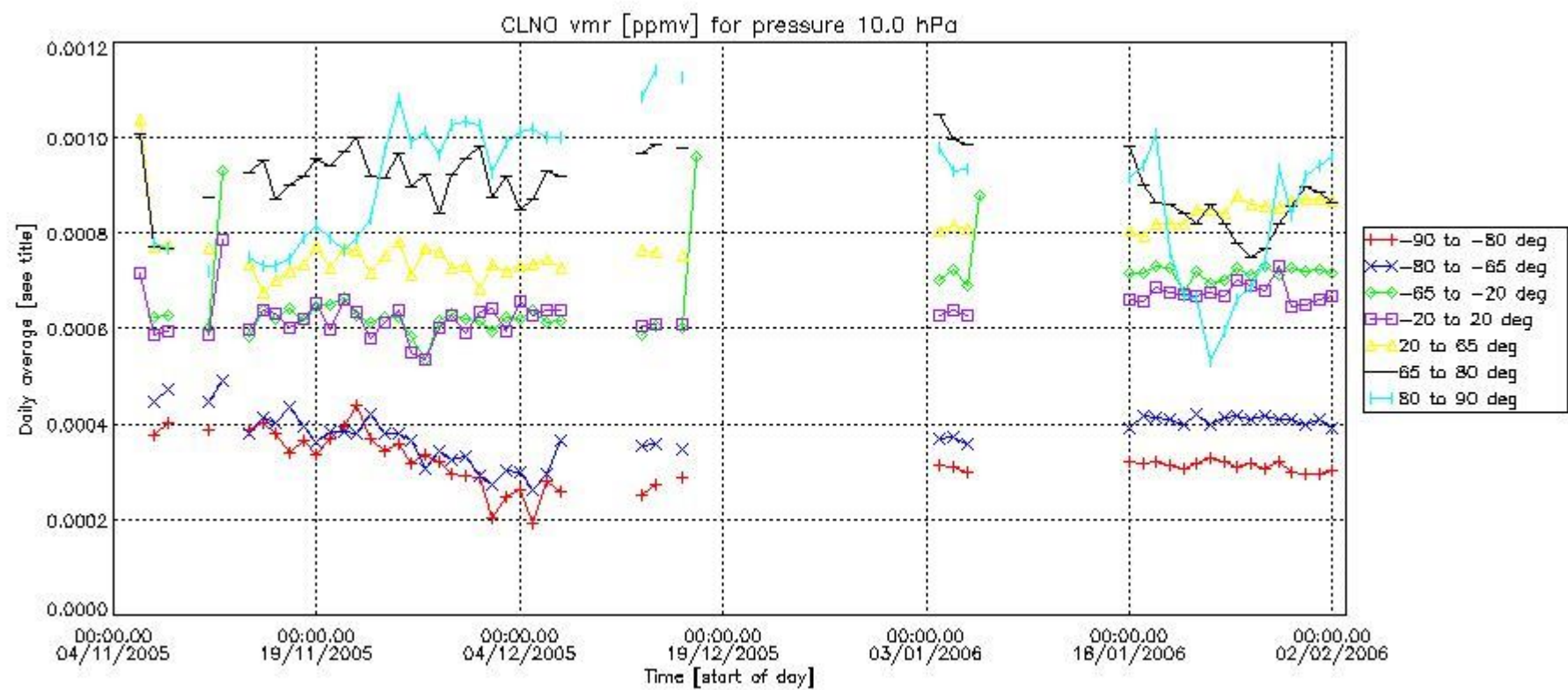
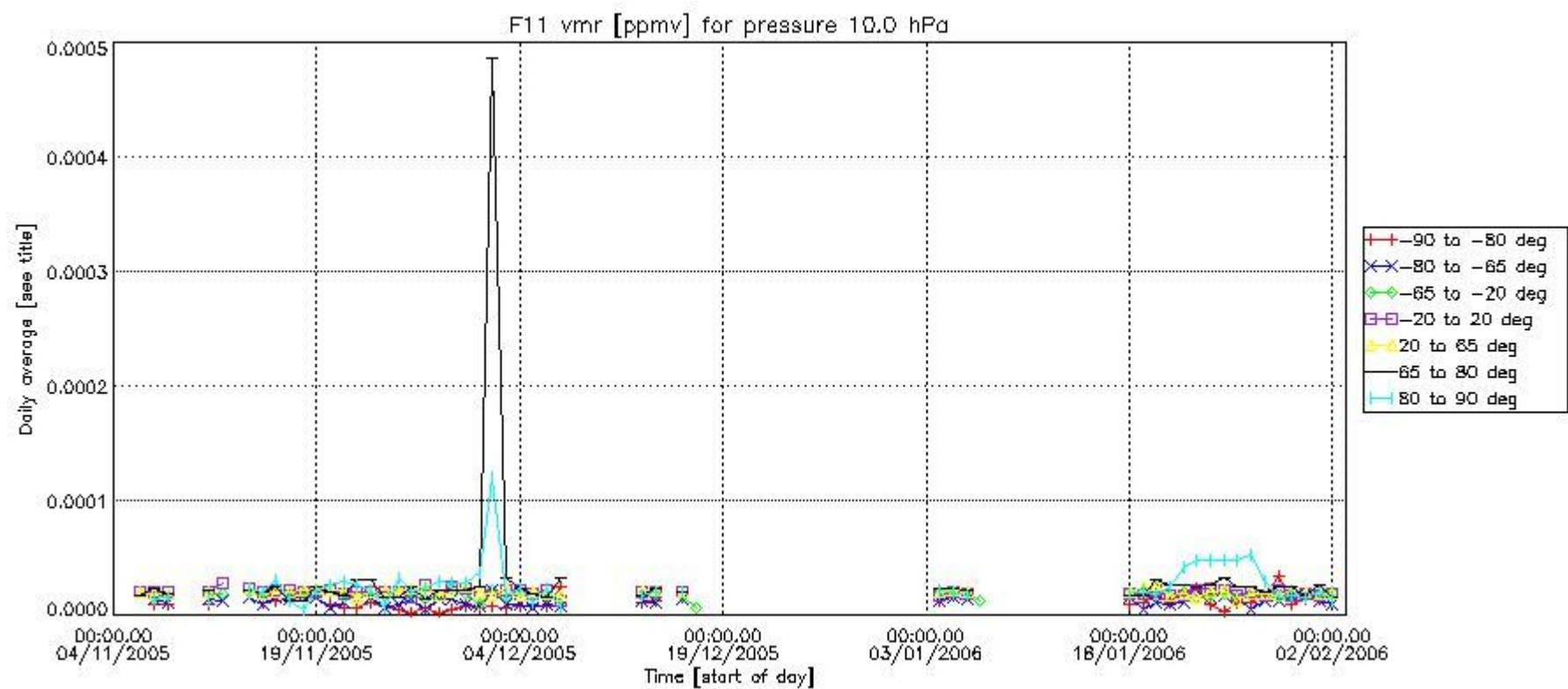




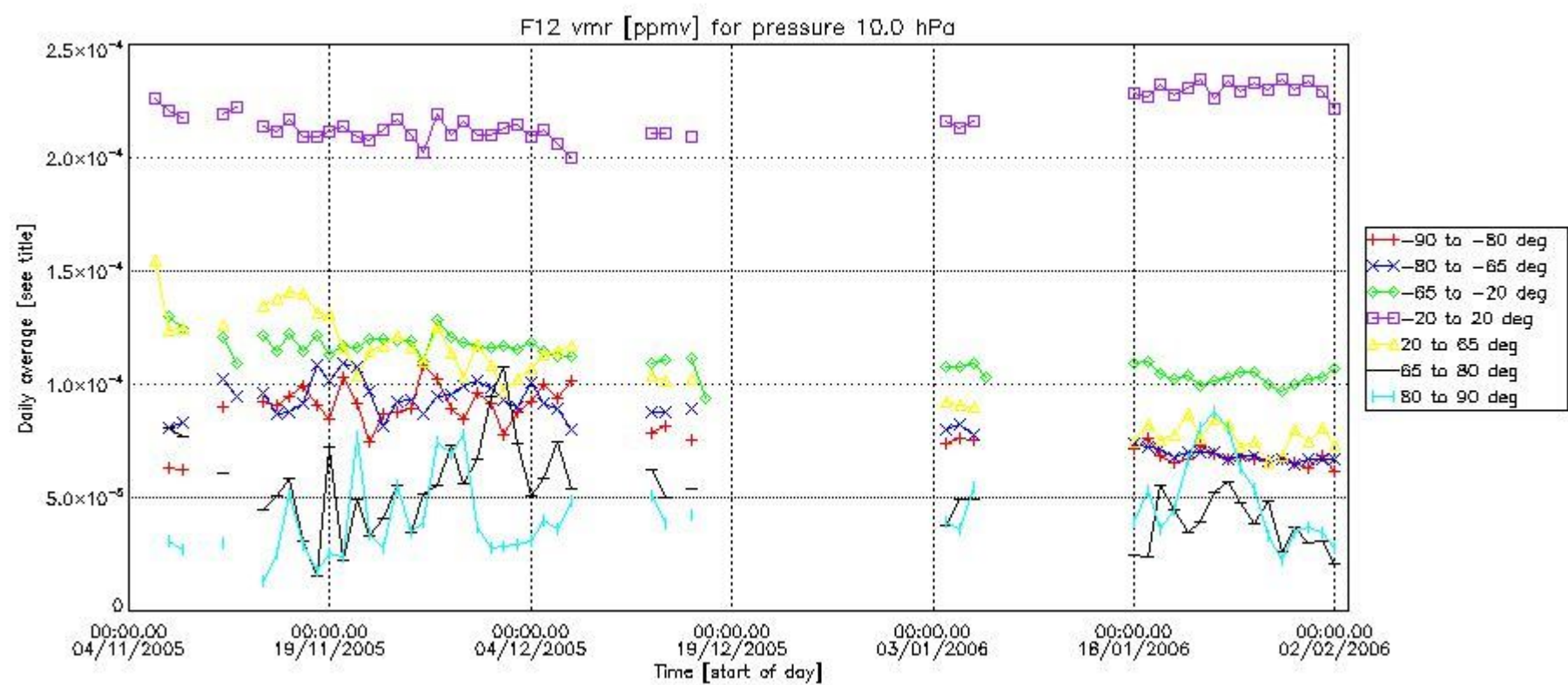
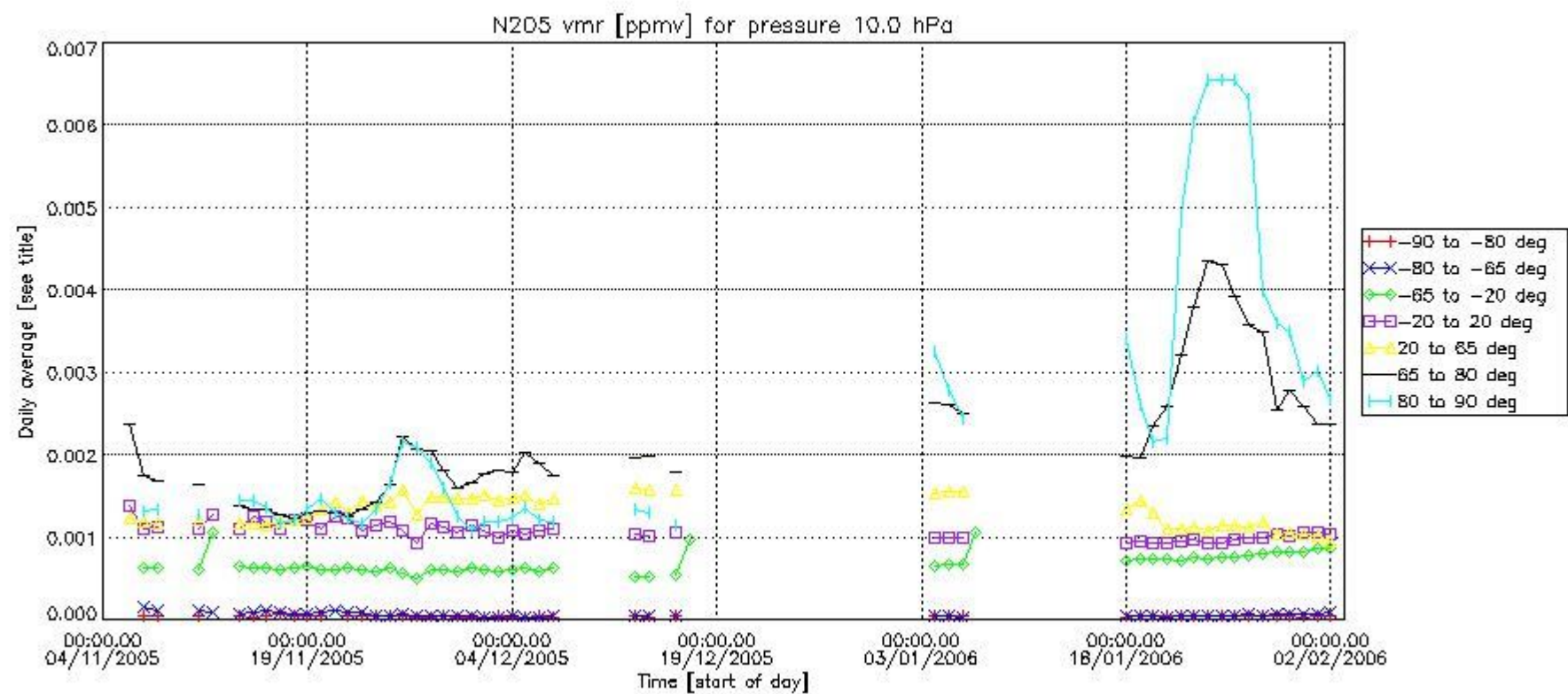


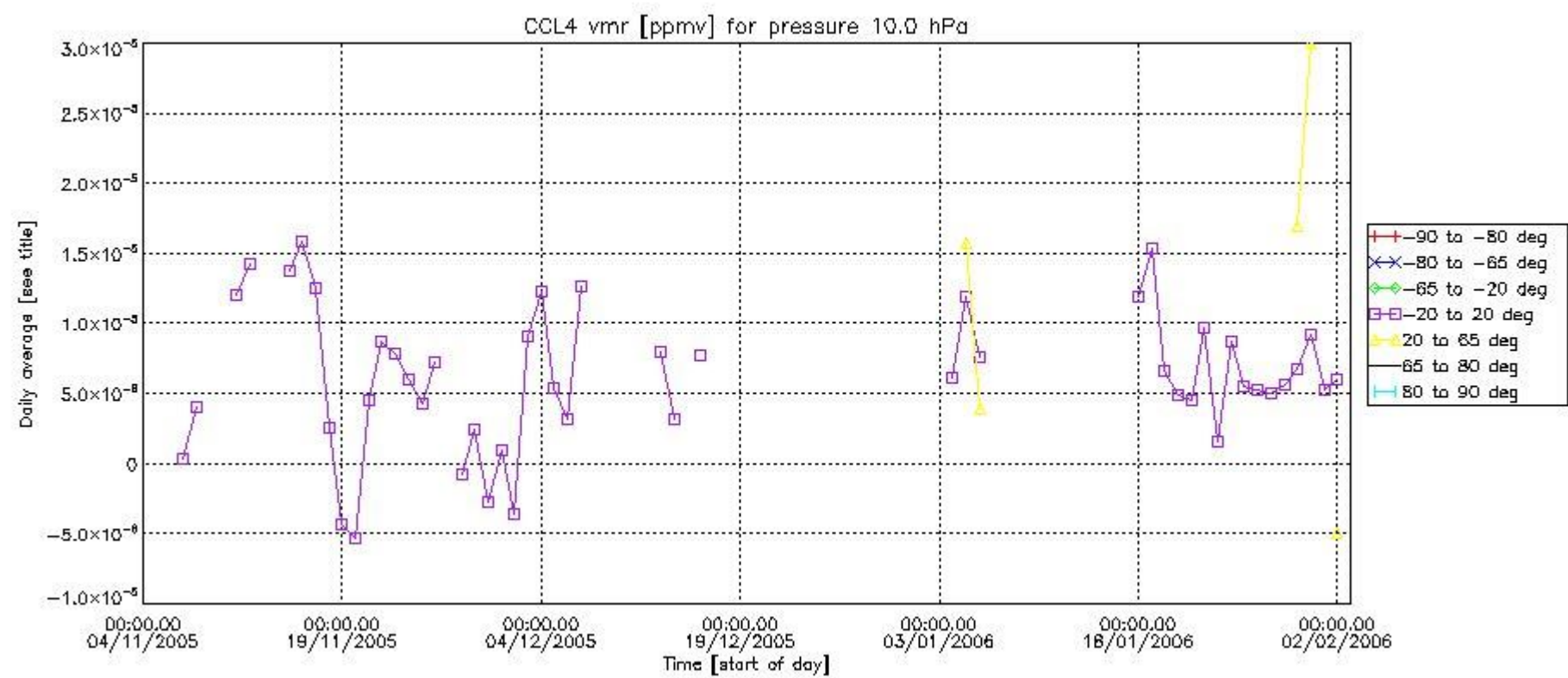
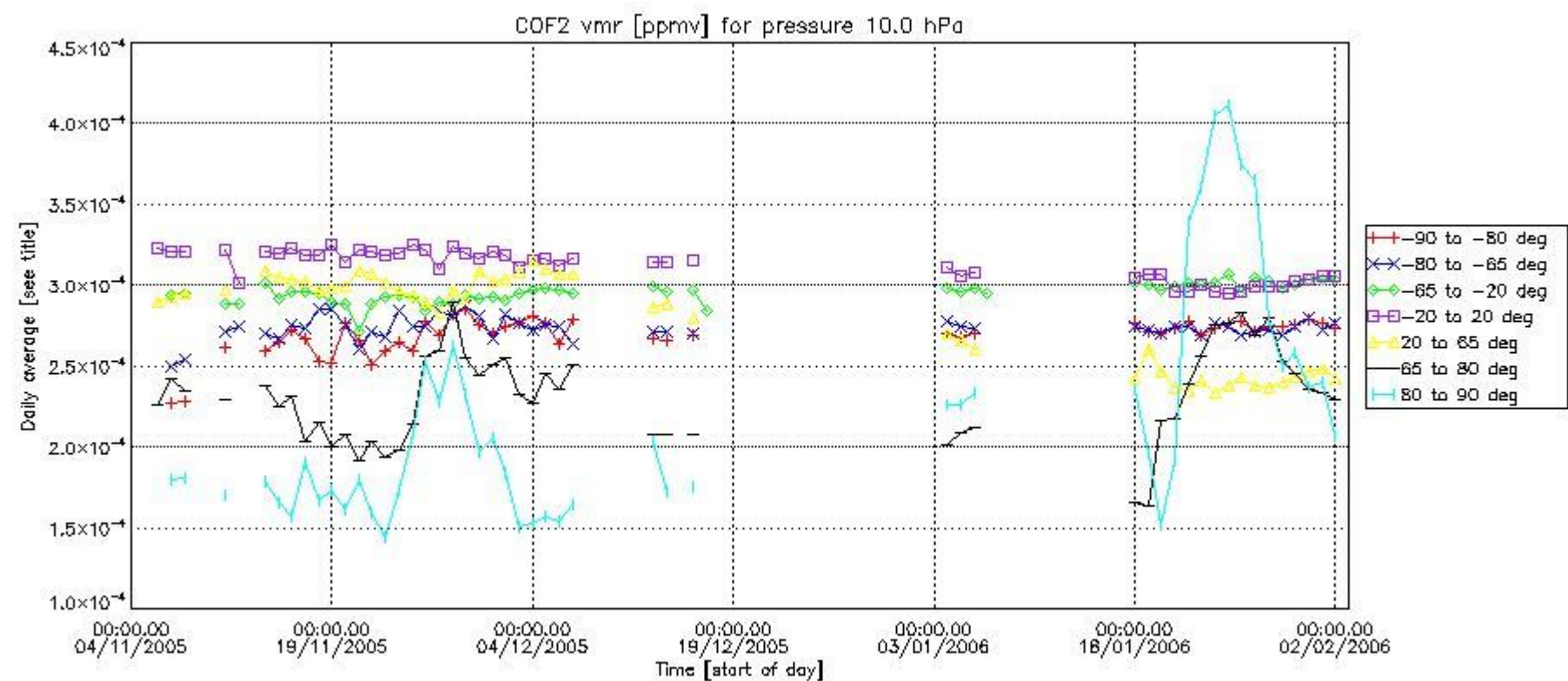


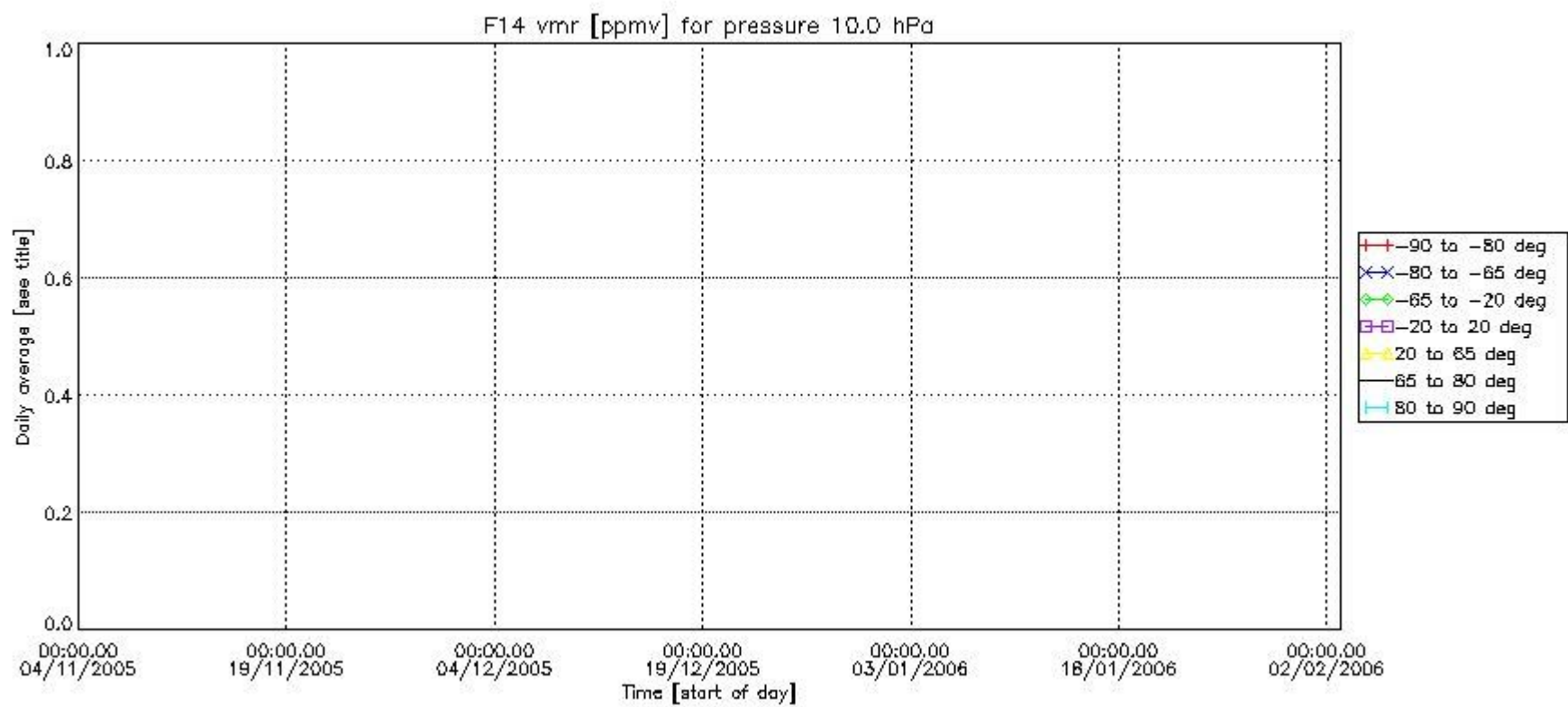
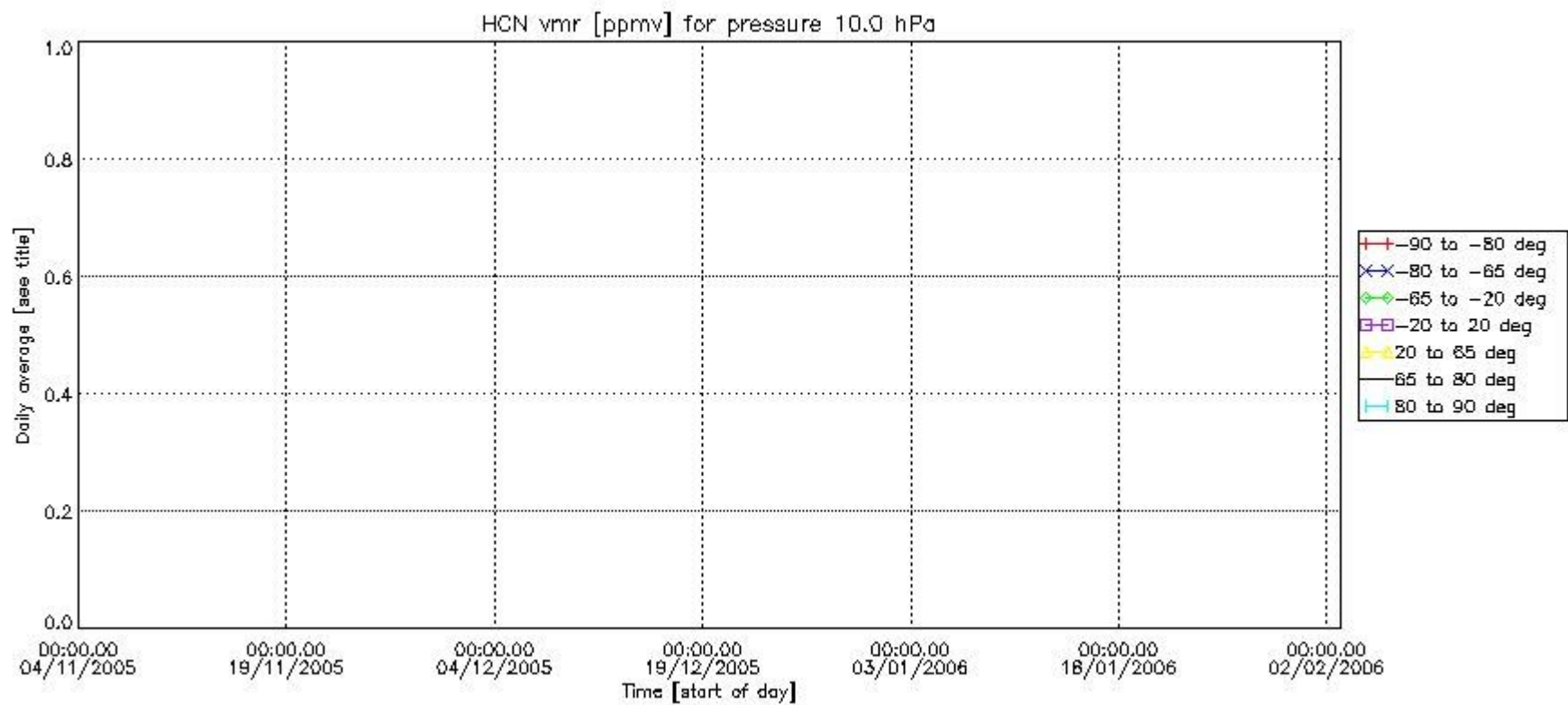


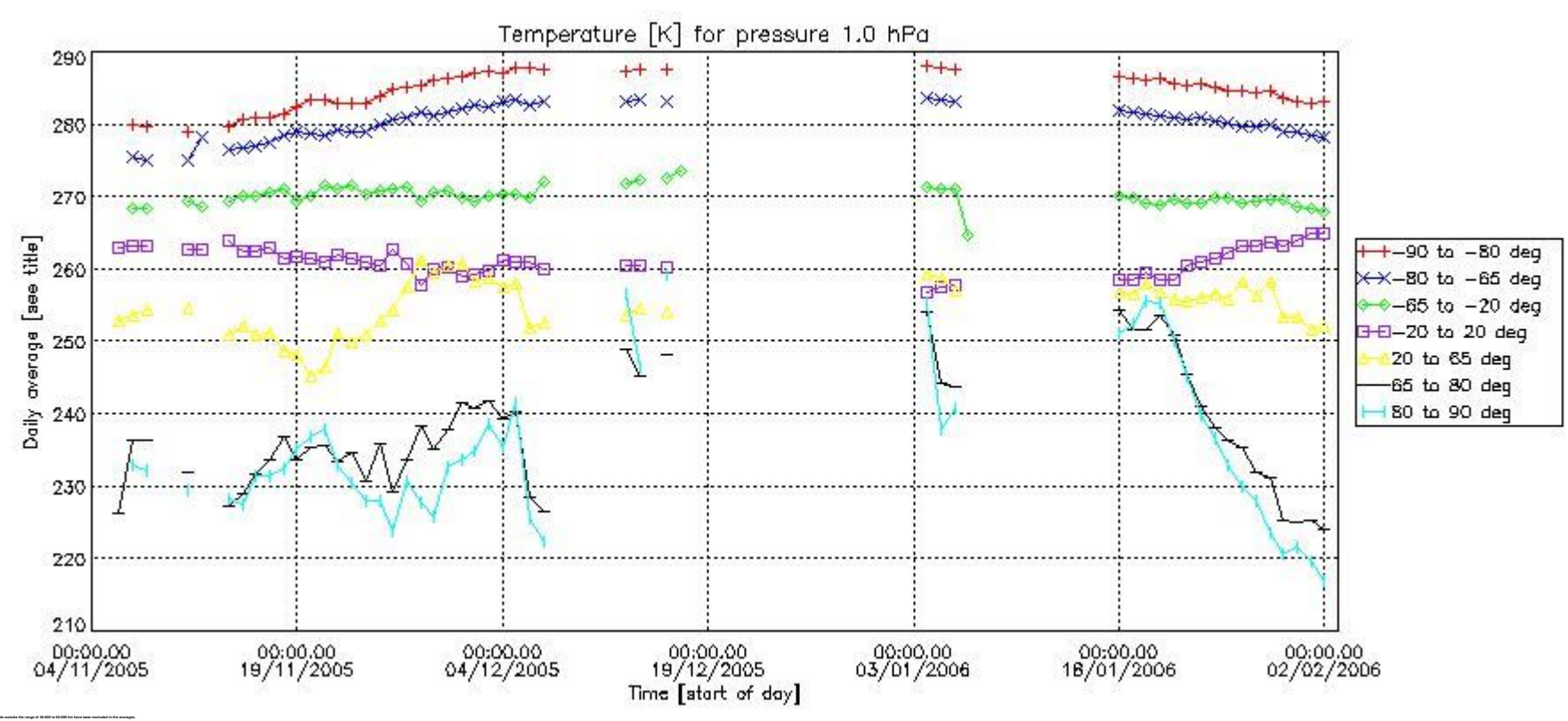
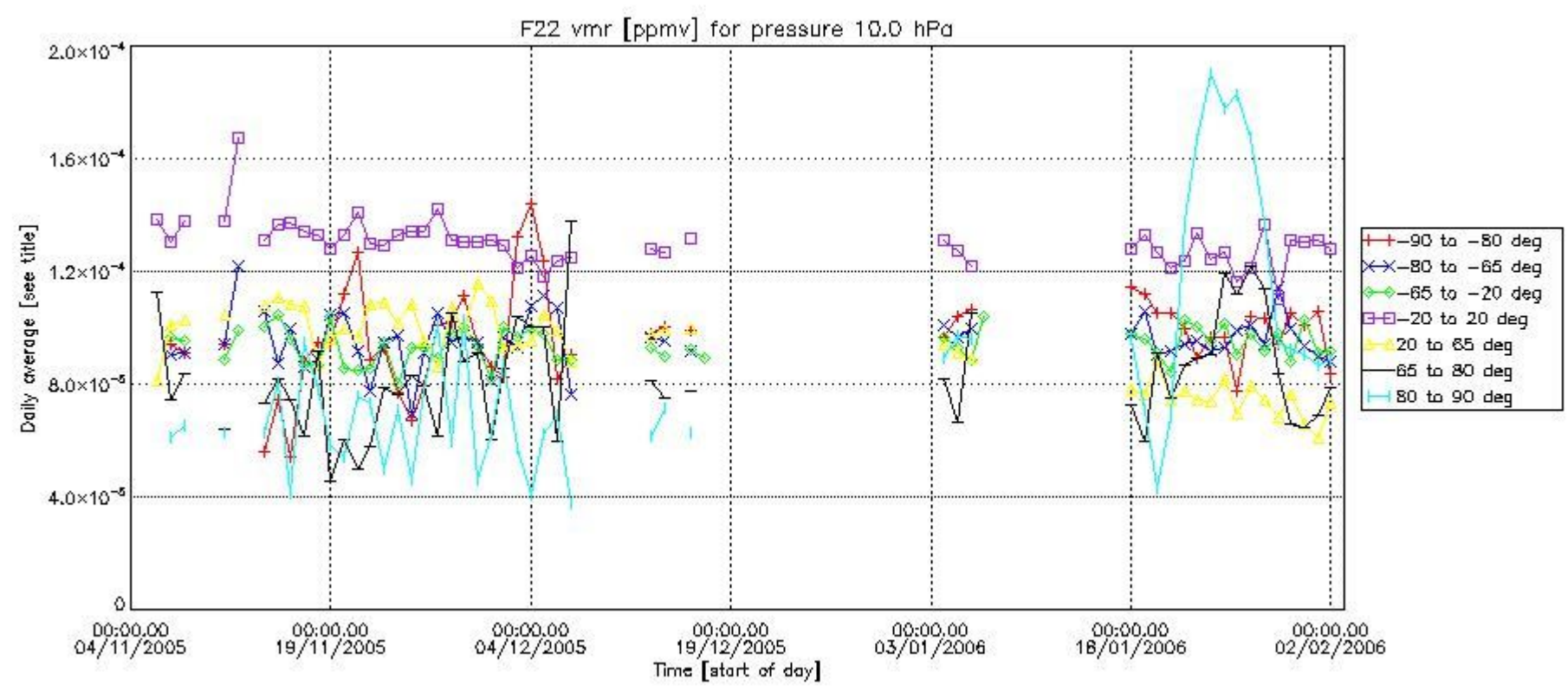


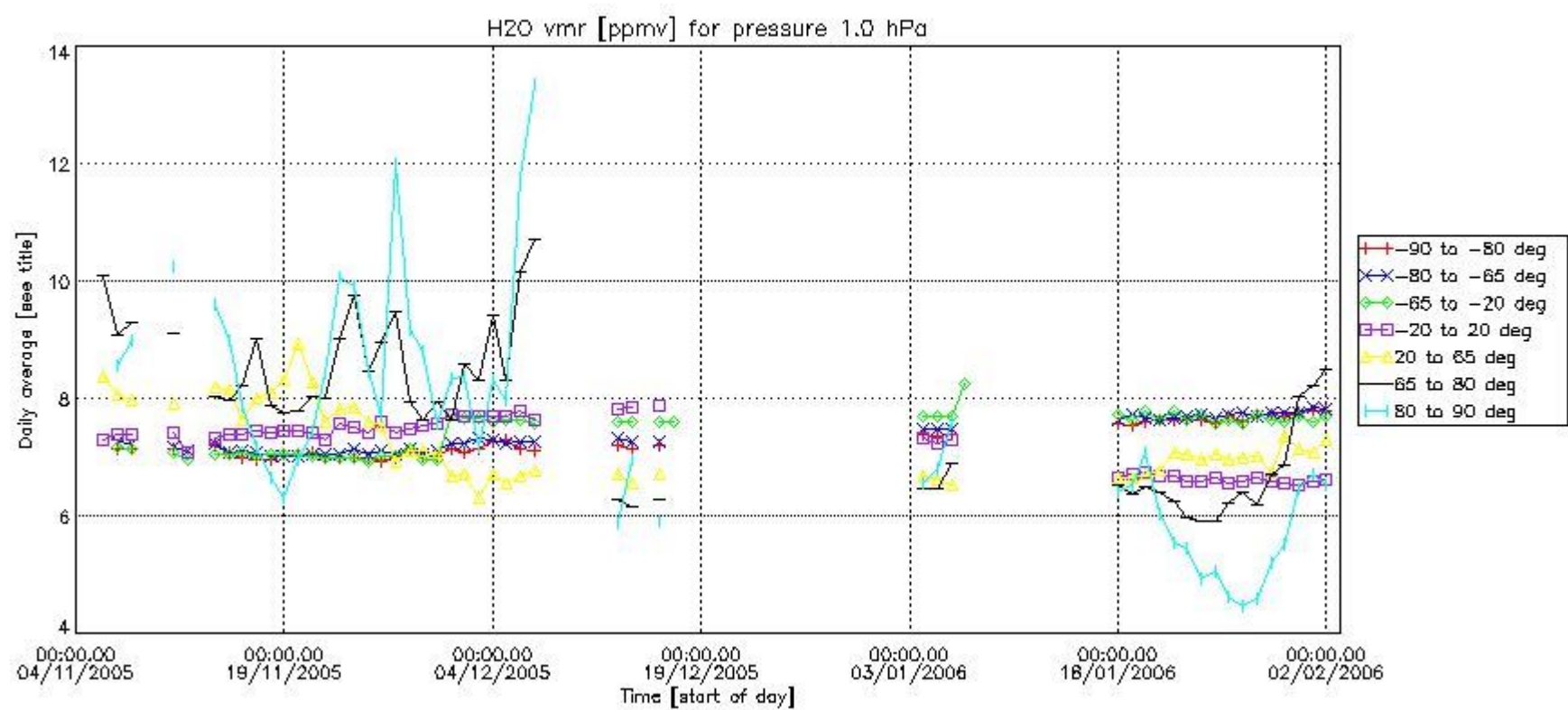
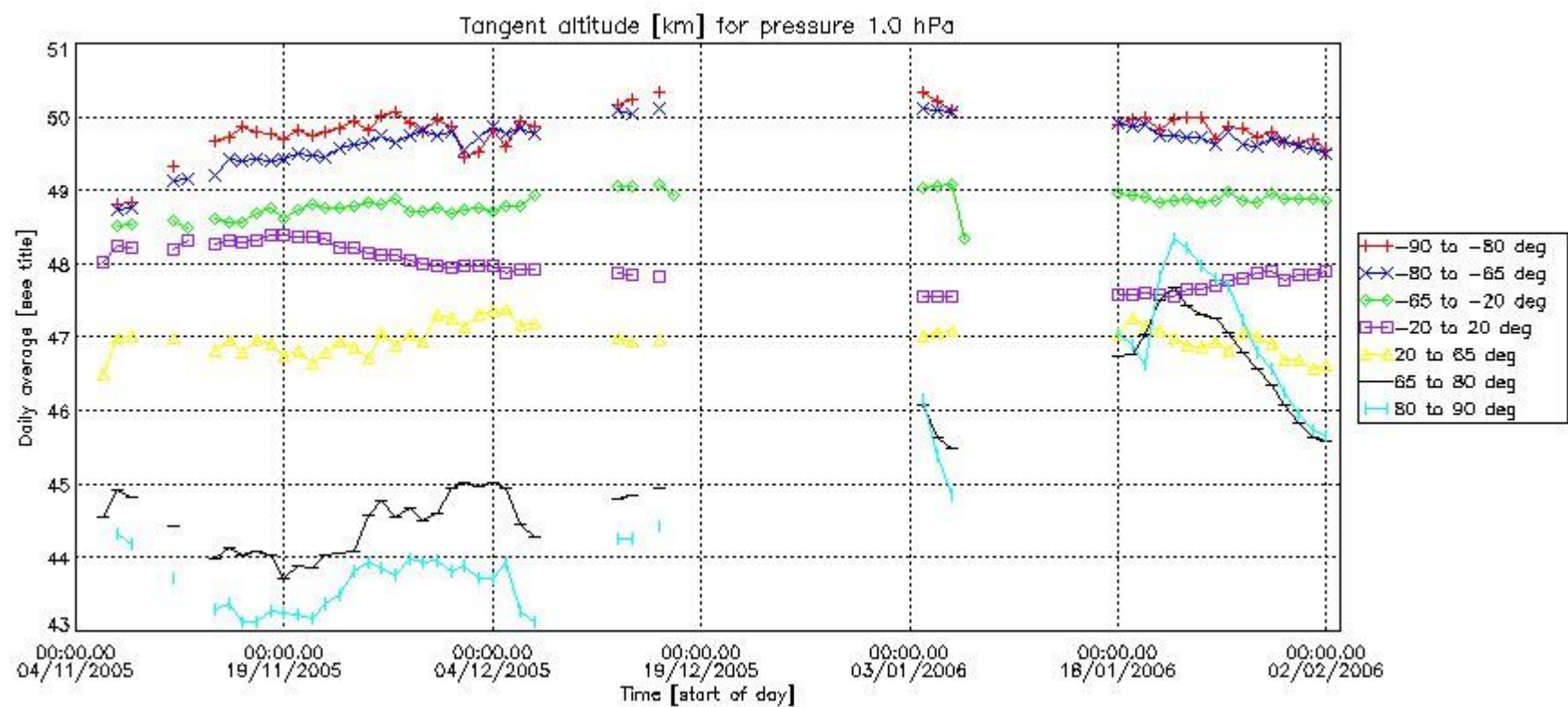


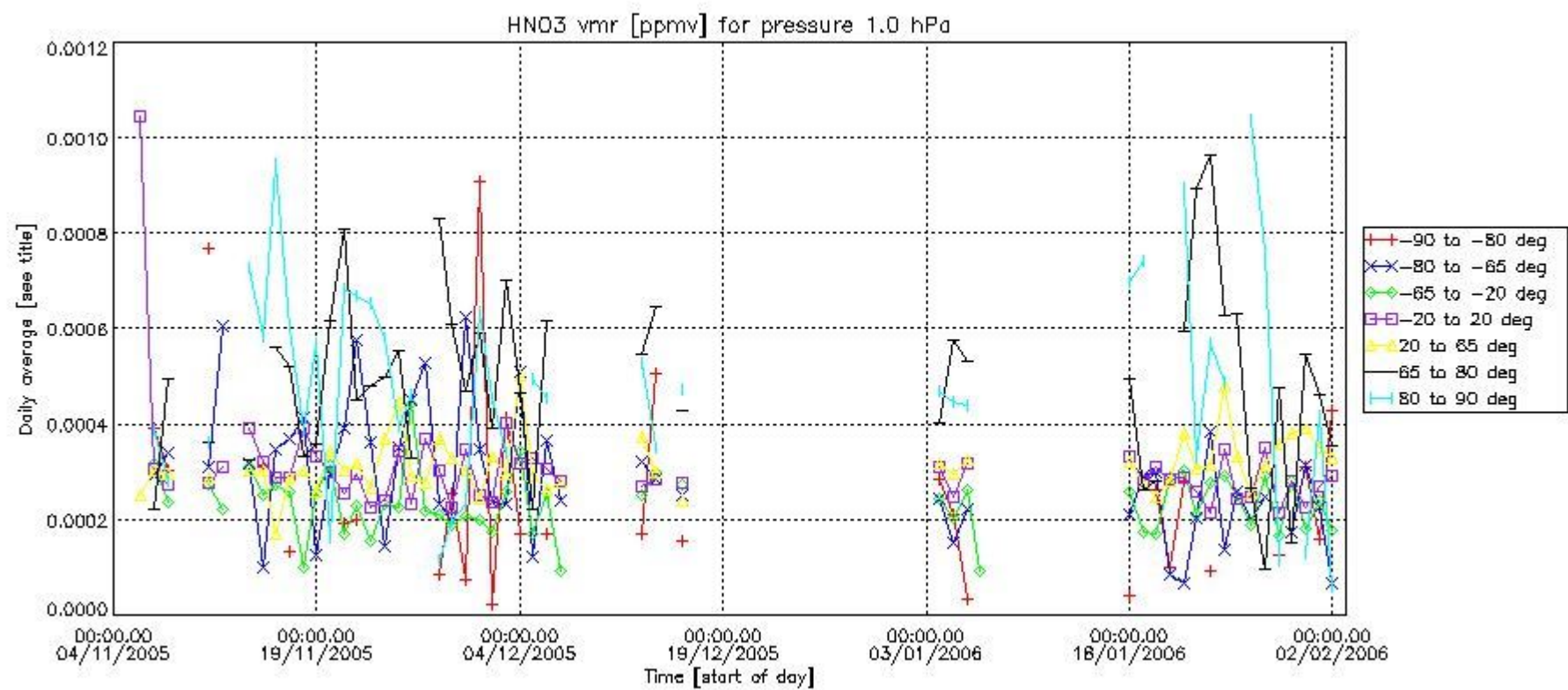
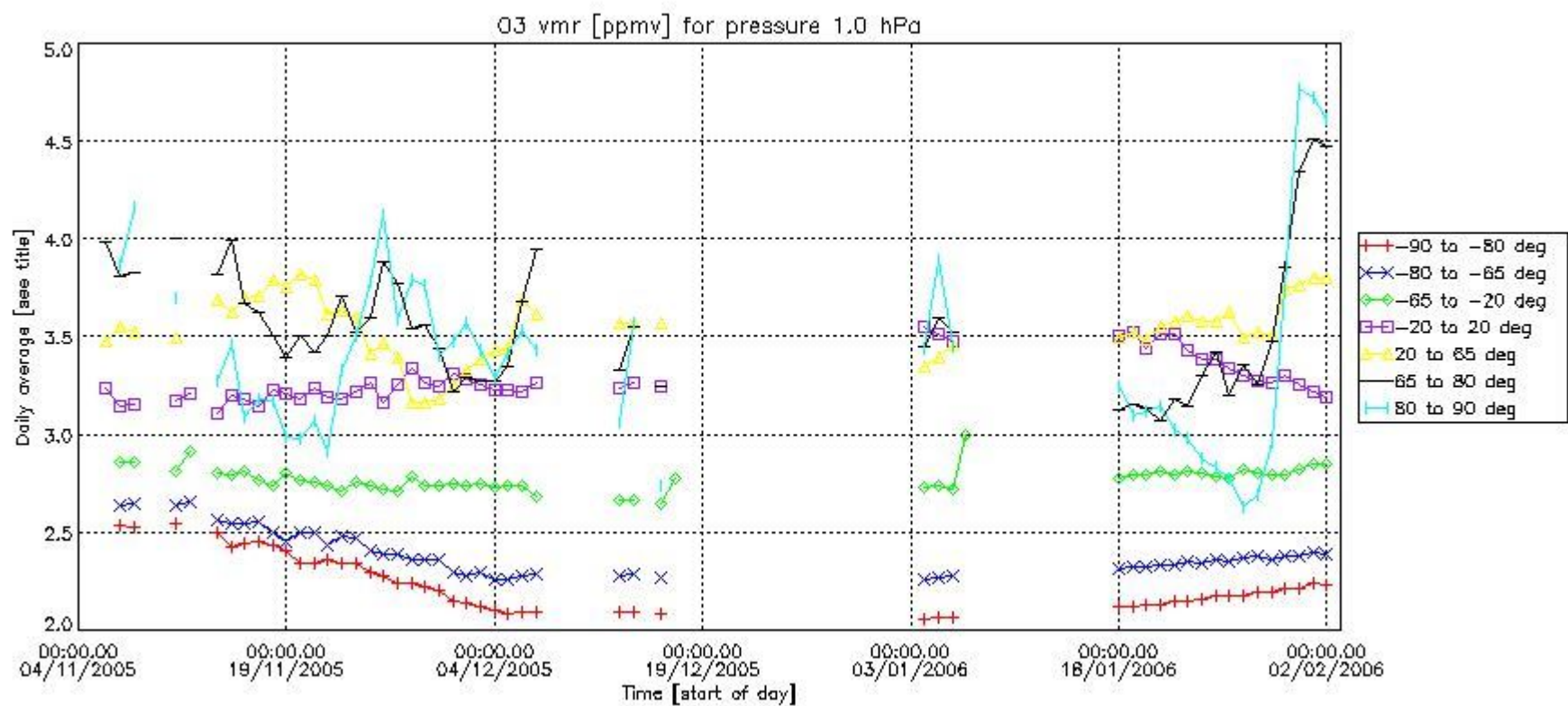


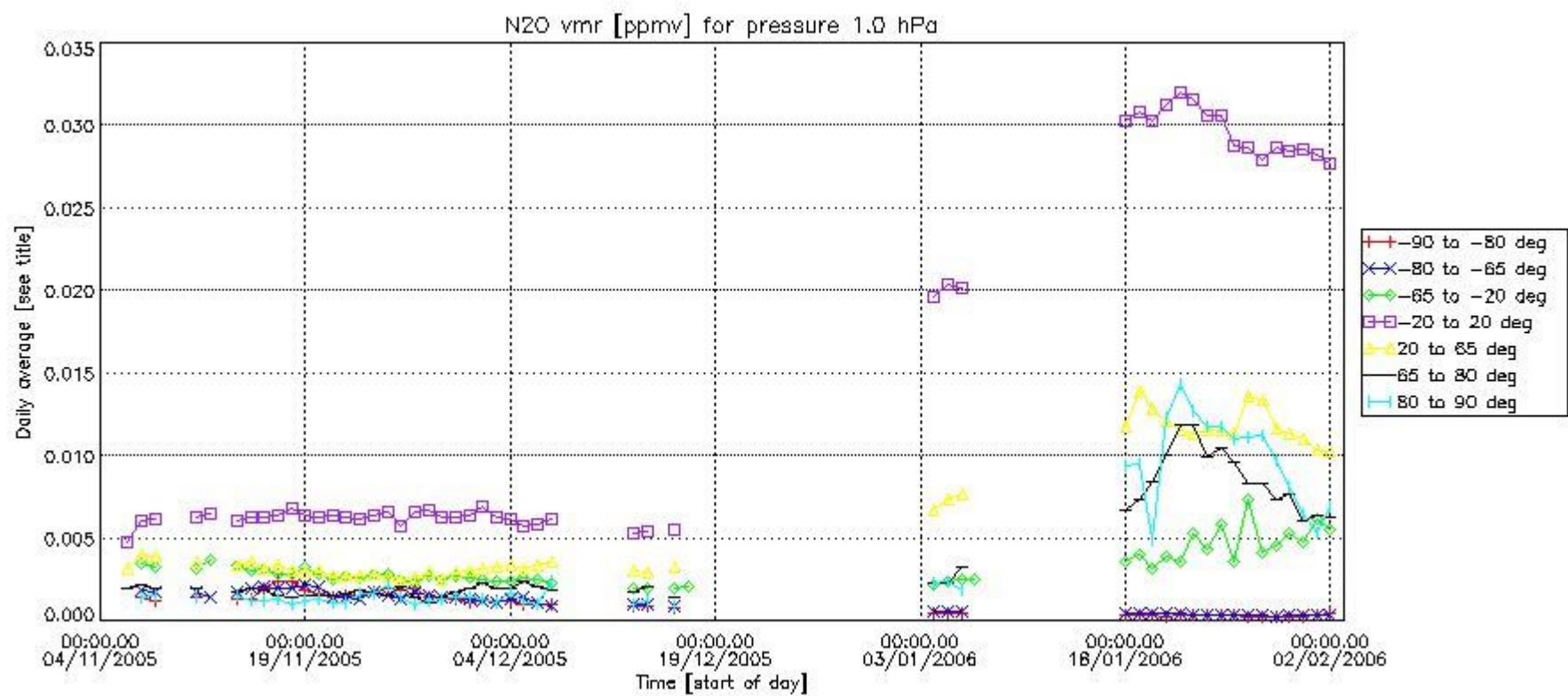
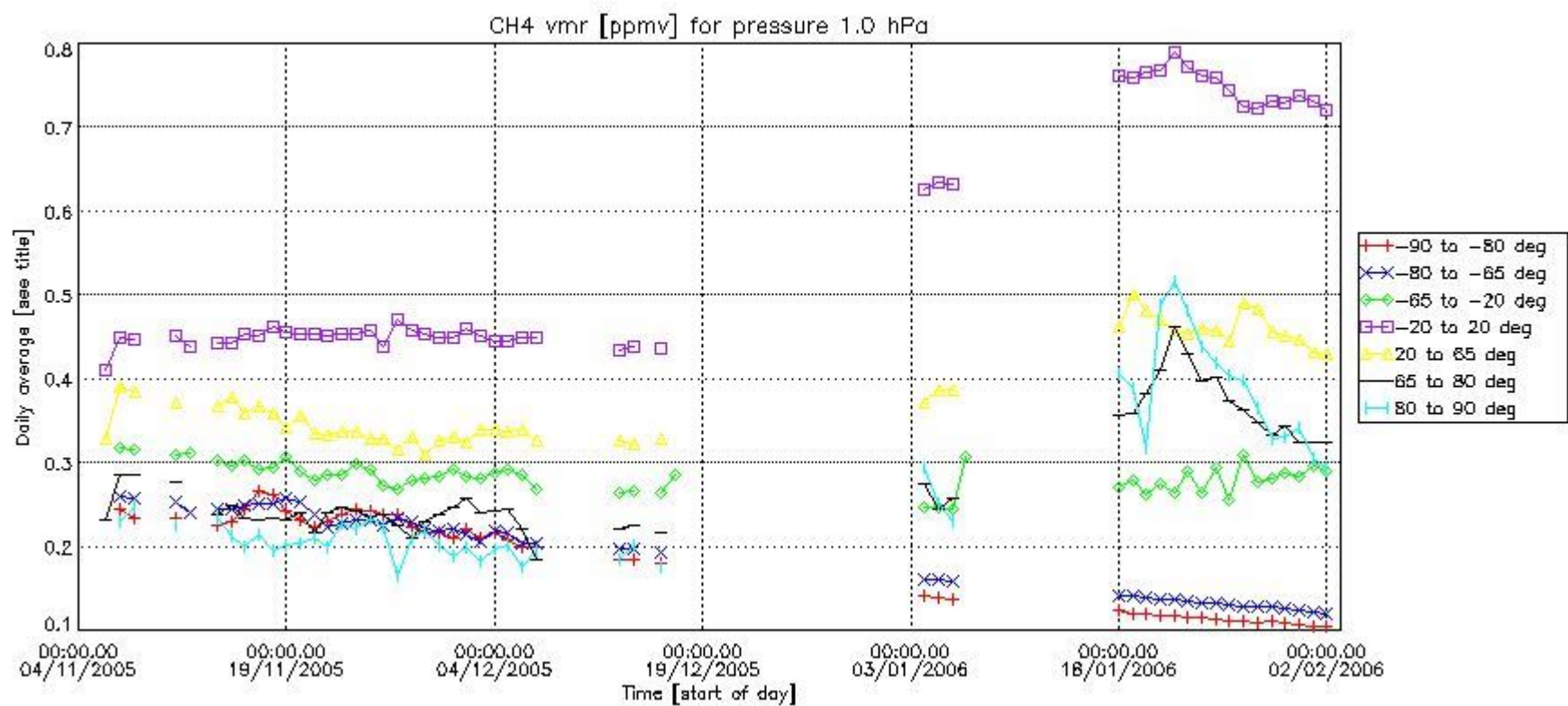


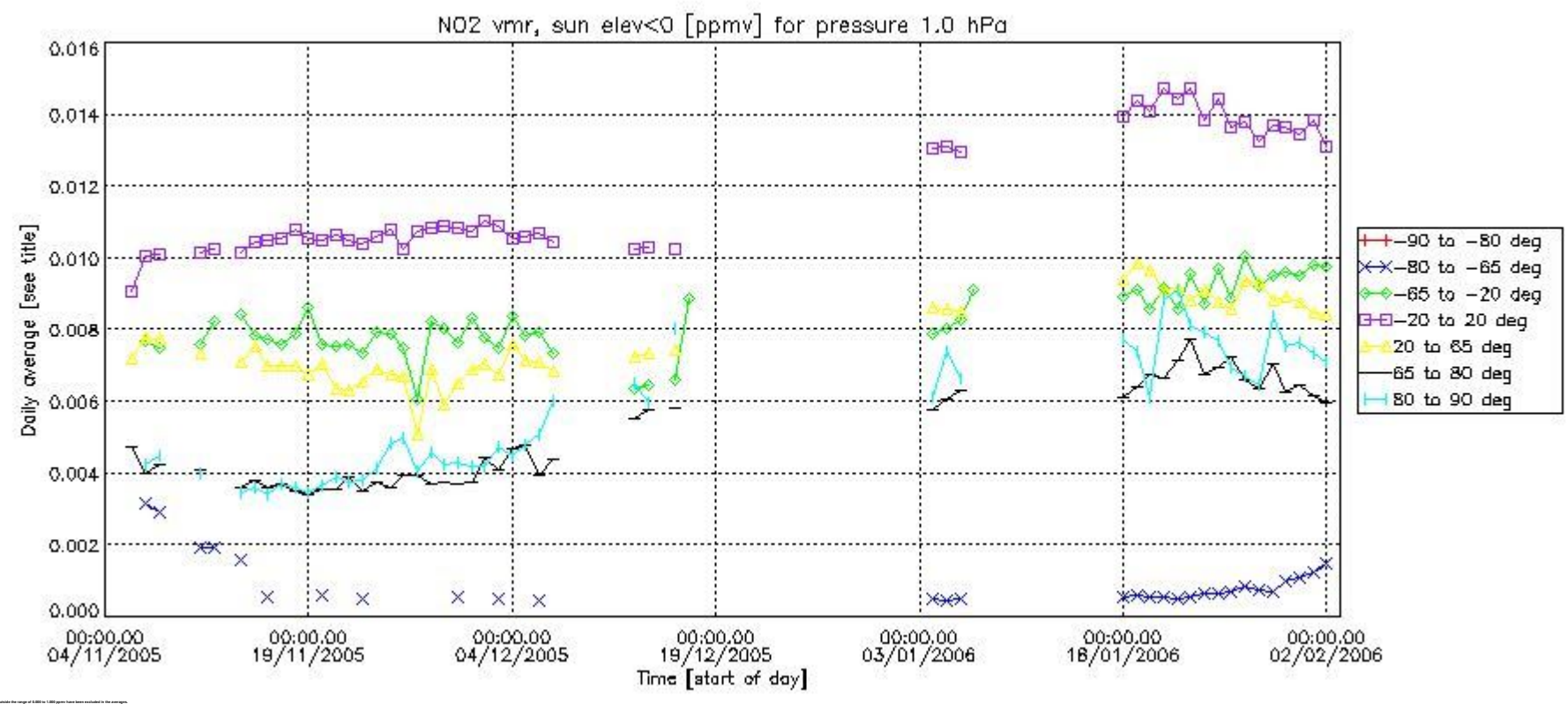
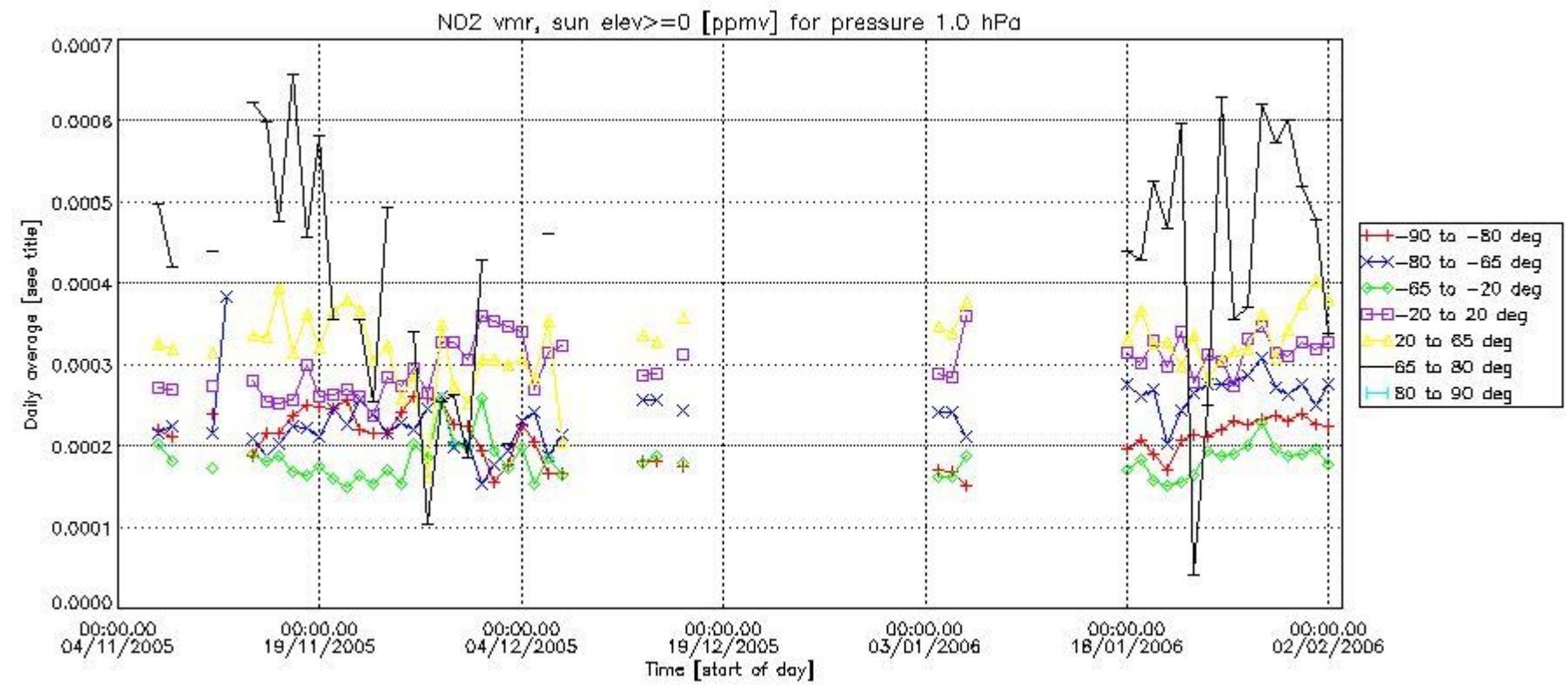




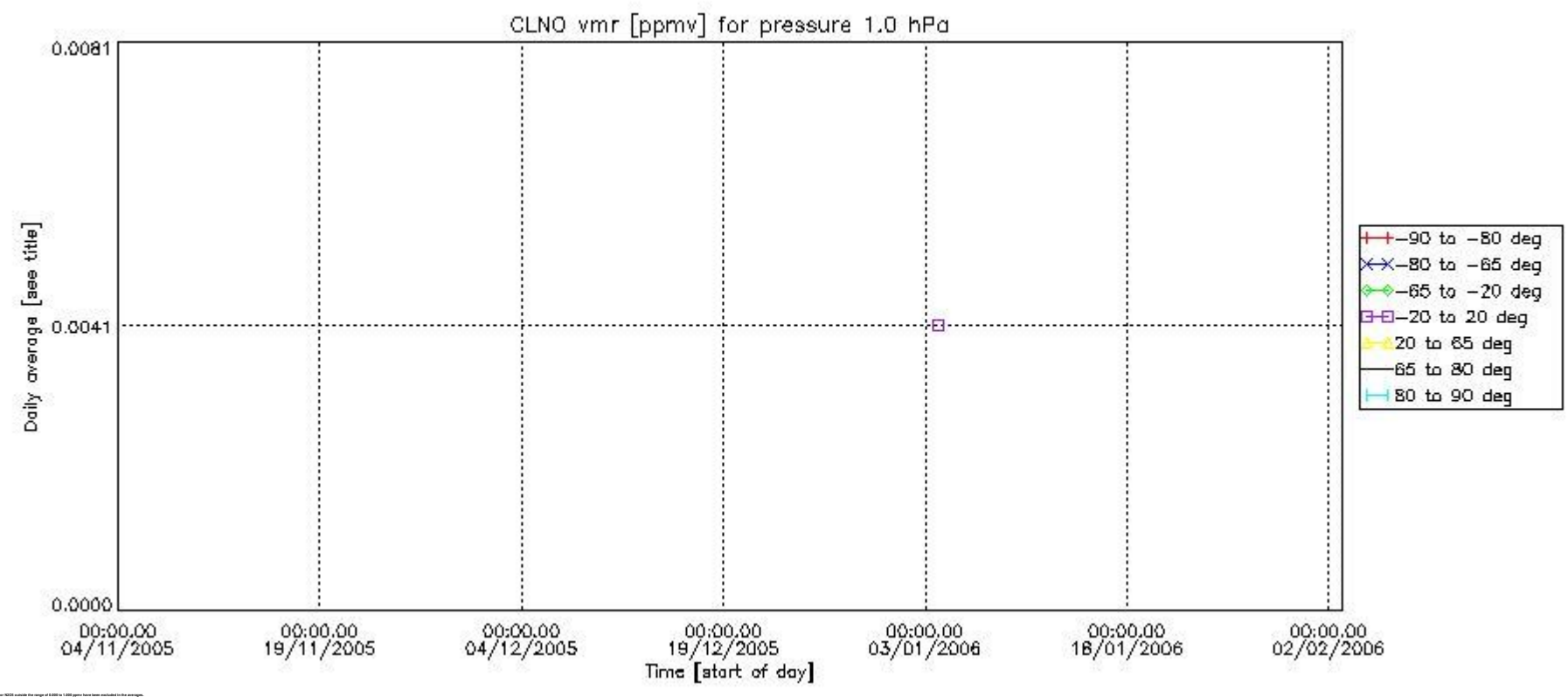
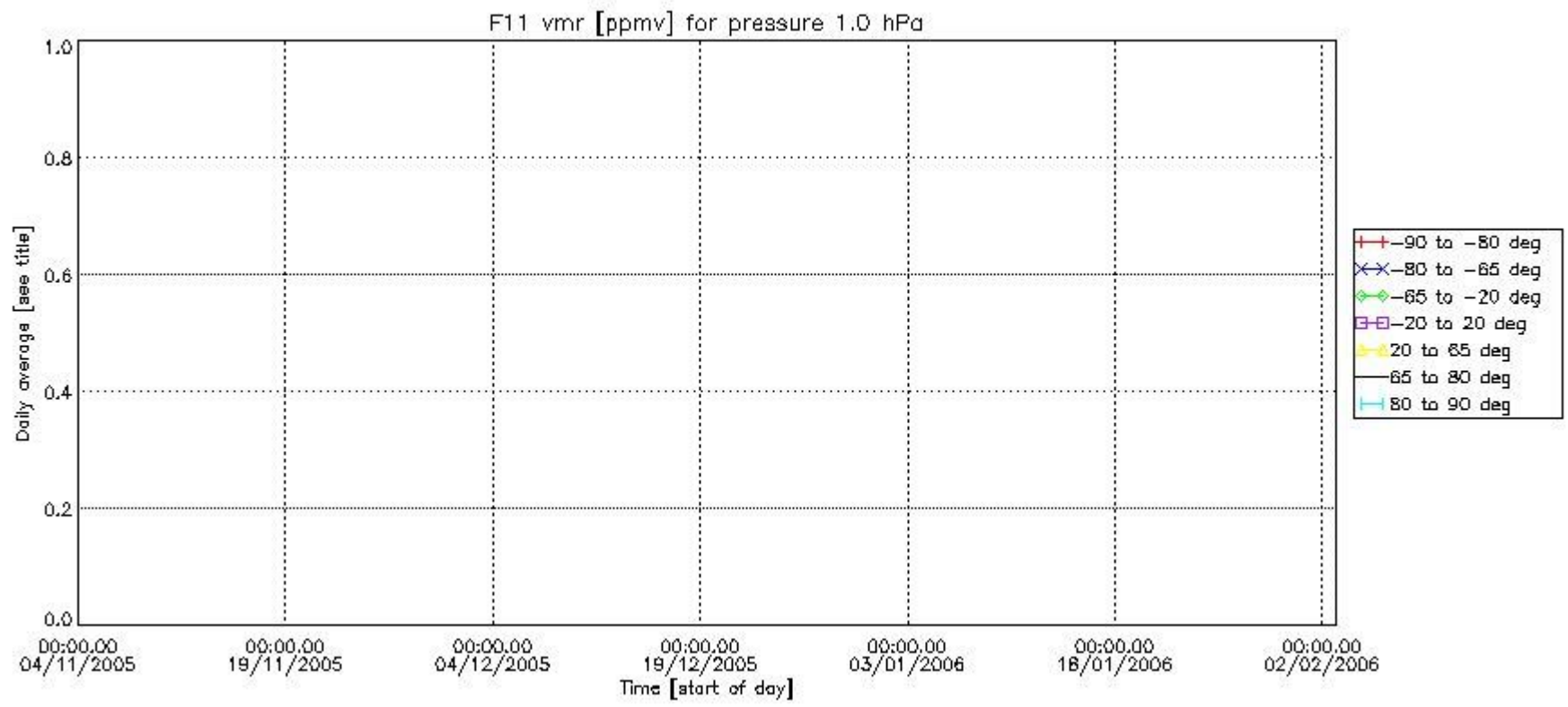


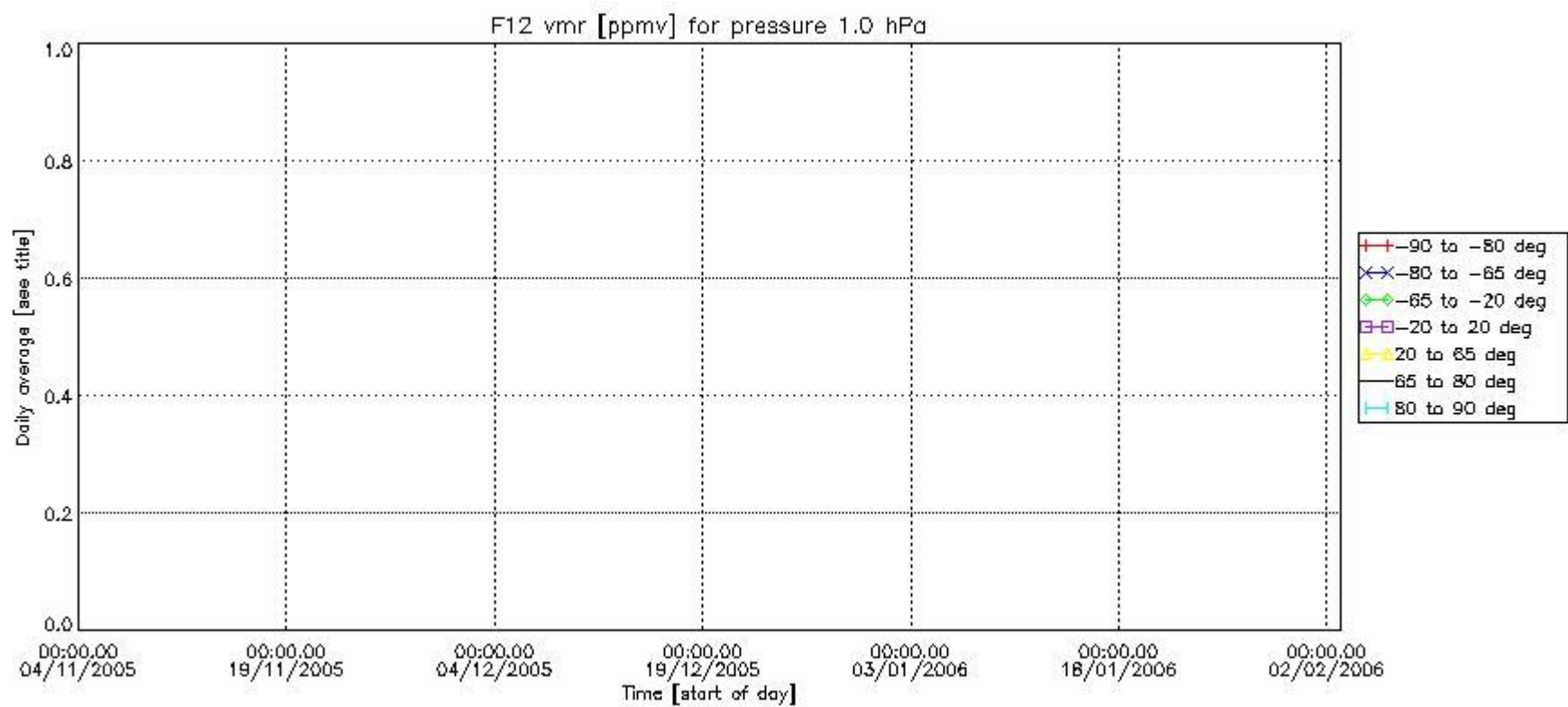
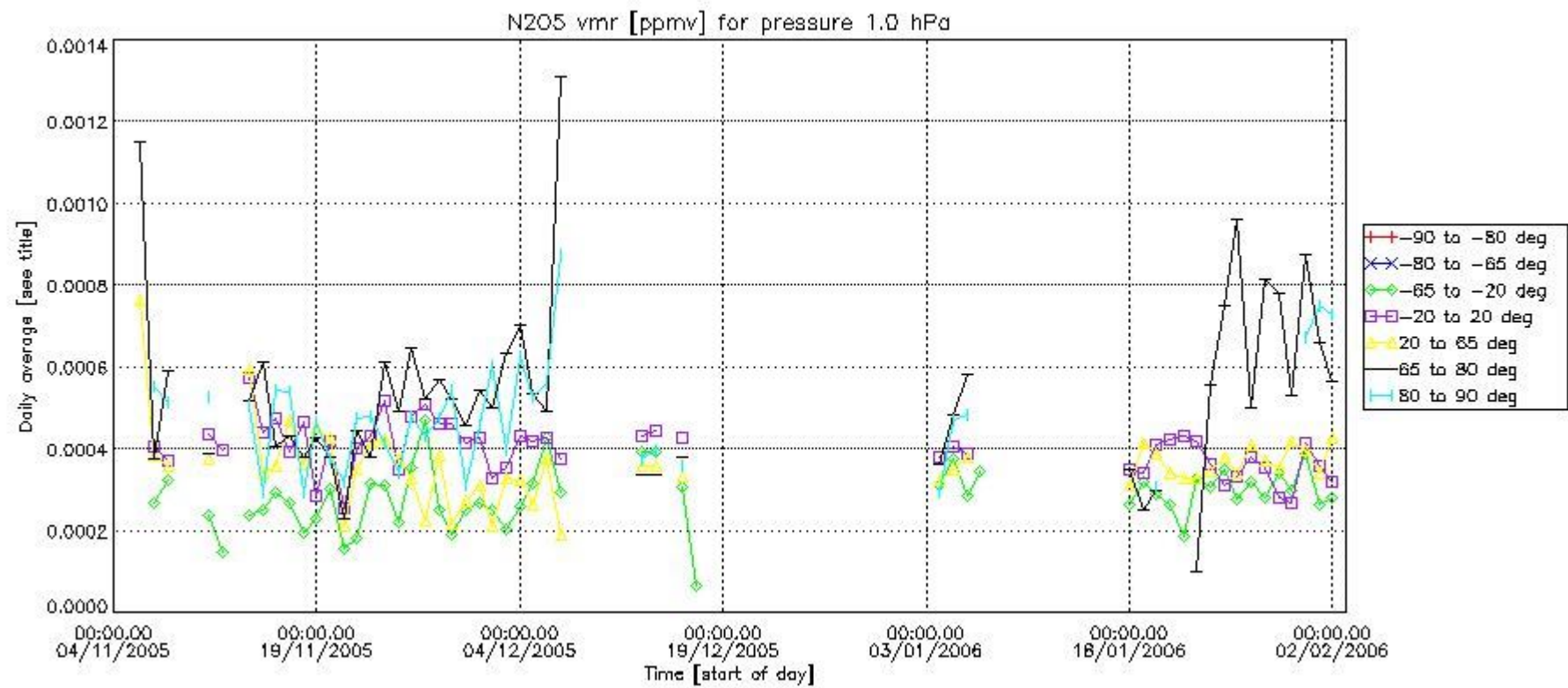


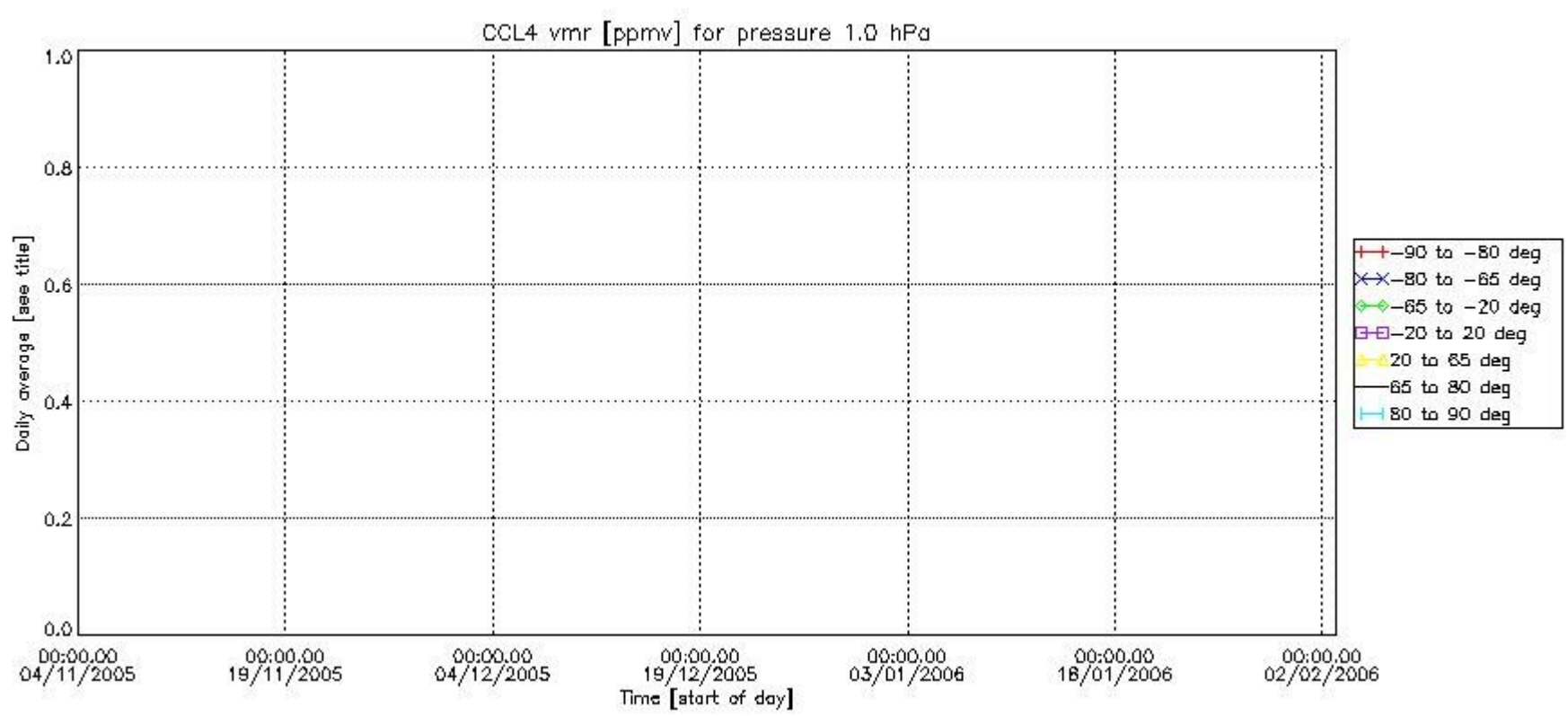
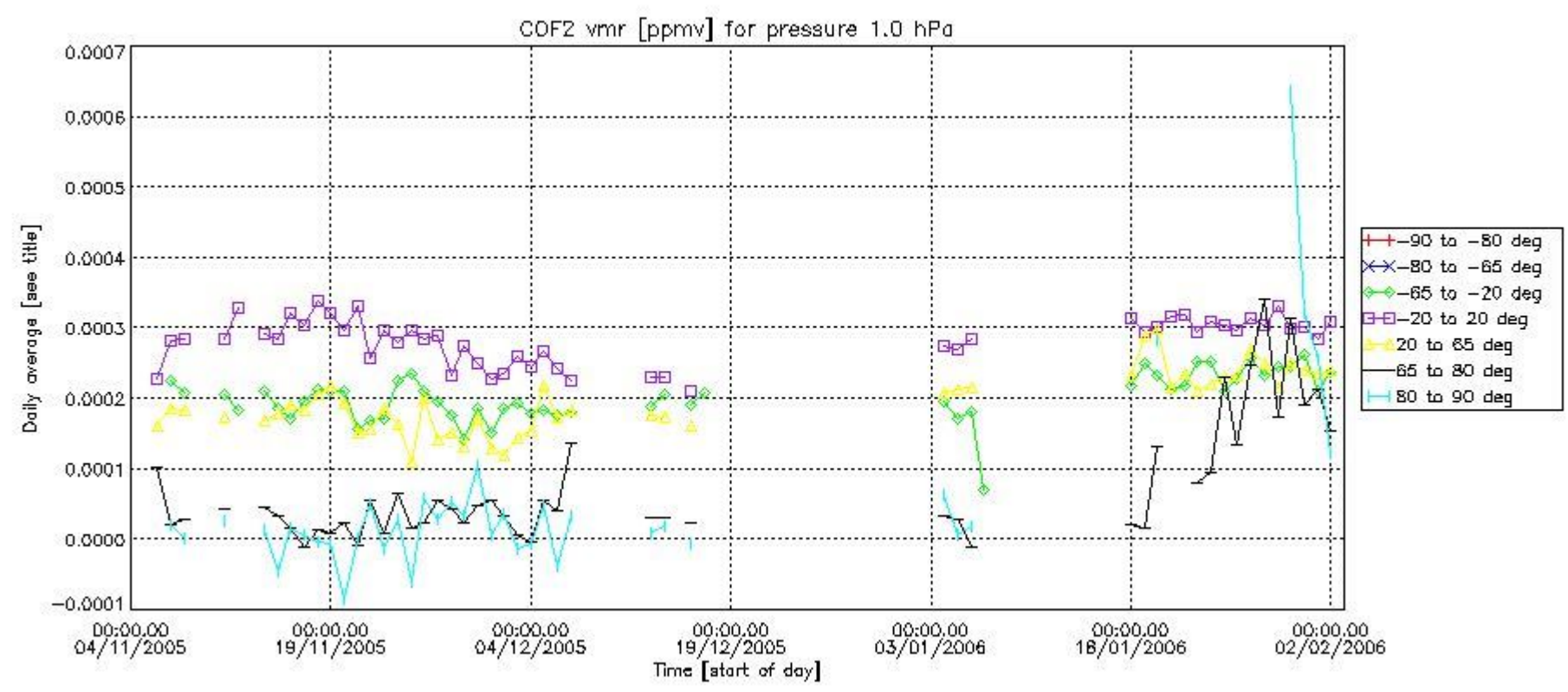


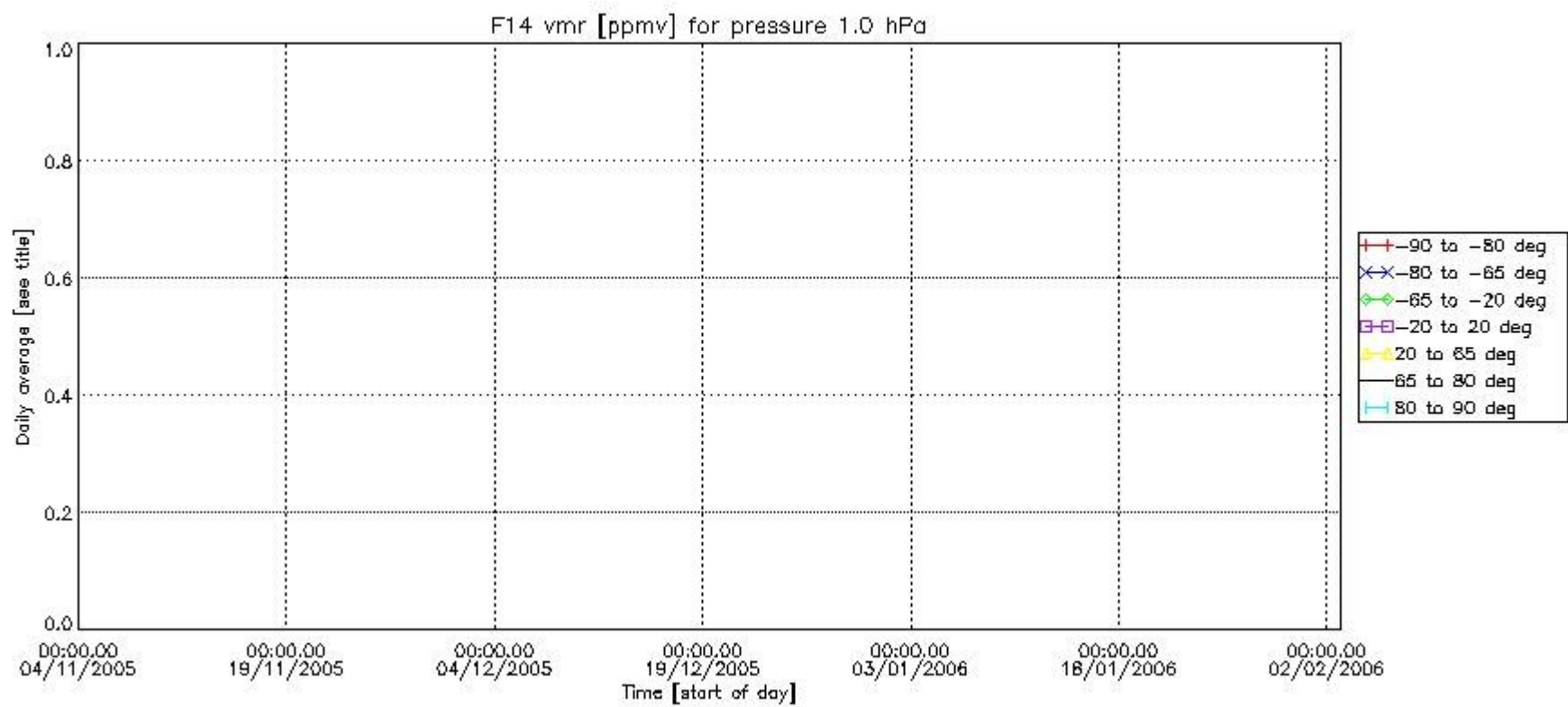
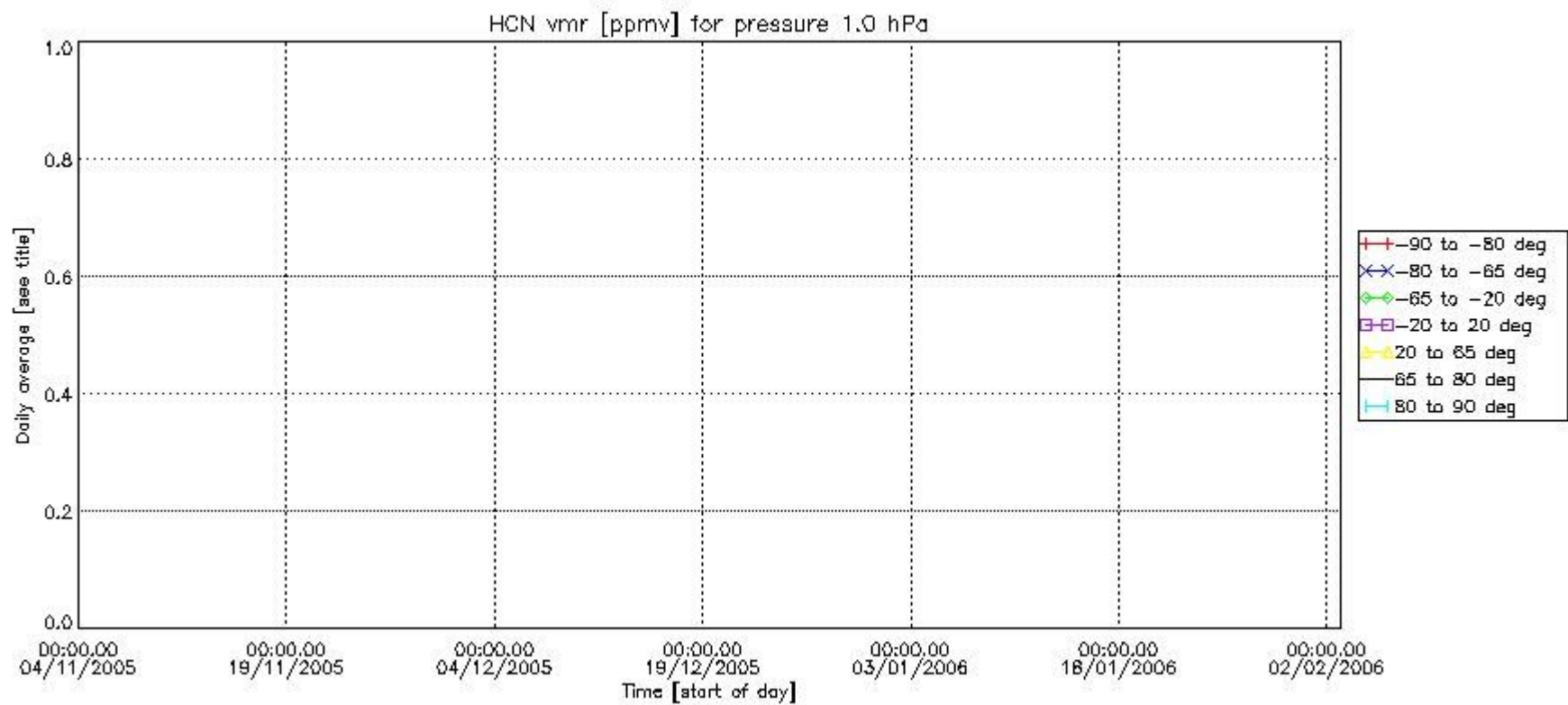


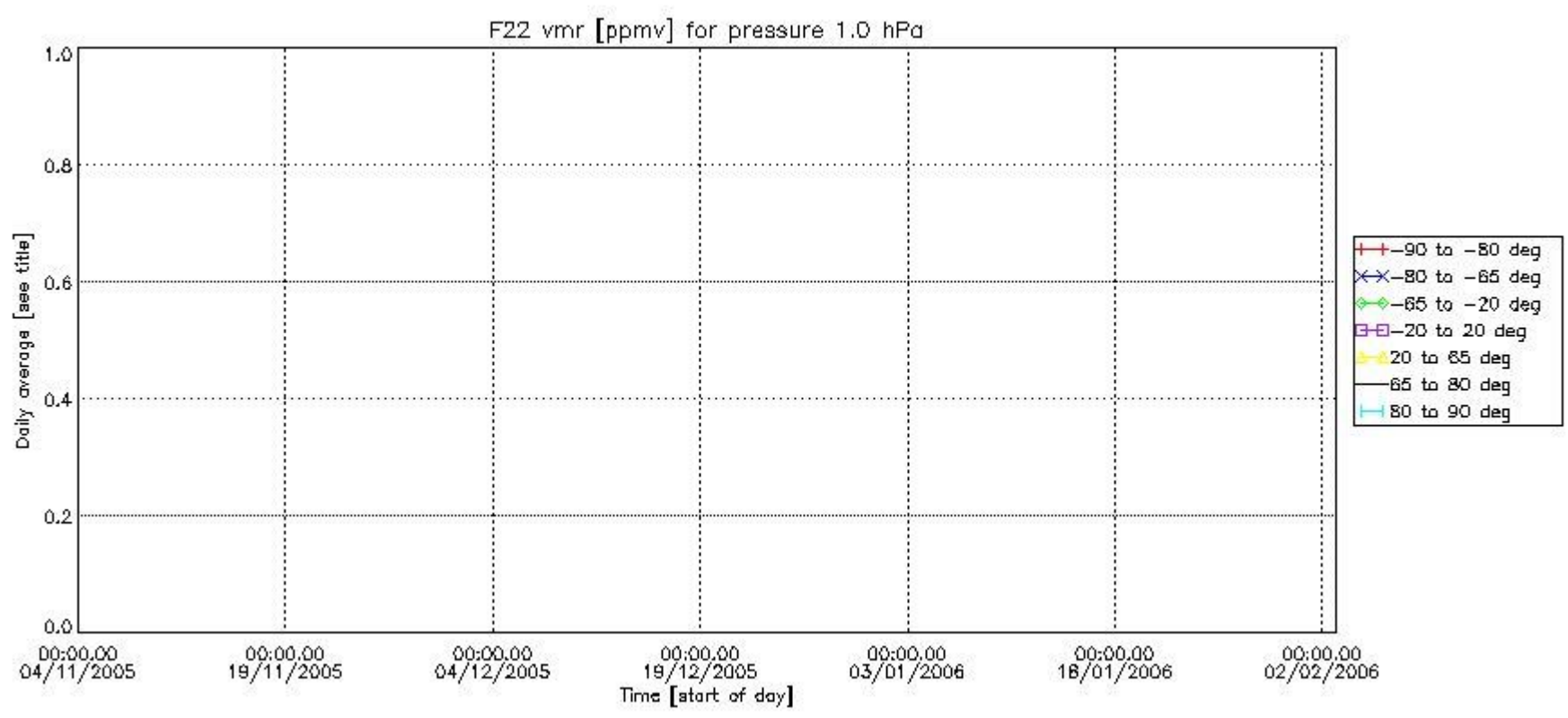












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

