

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20050111.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 08:19:40
Data source version	ML2PP/7.03-W
Processing scope for products	11JAN2005 00:00:00 to 12JAN2005 00:00:00
Start time of first product within scope	10JAN2005 22:19:47
Stop time of last product within scope	11JAN2005 23:16:19
Total number of level 2 products	15
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.

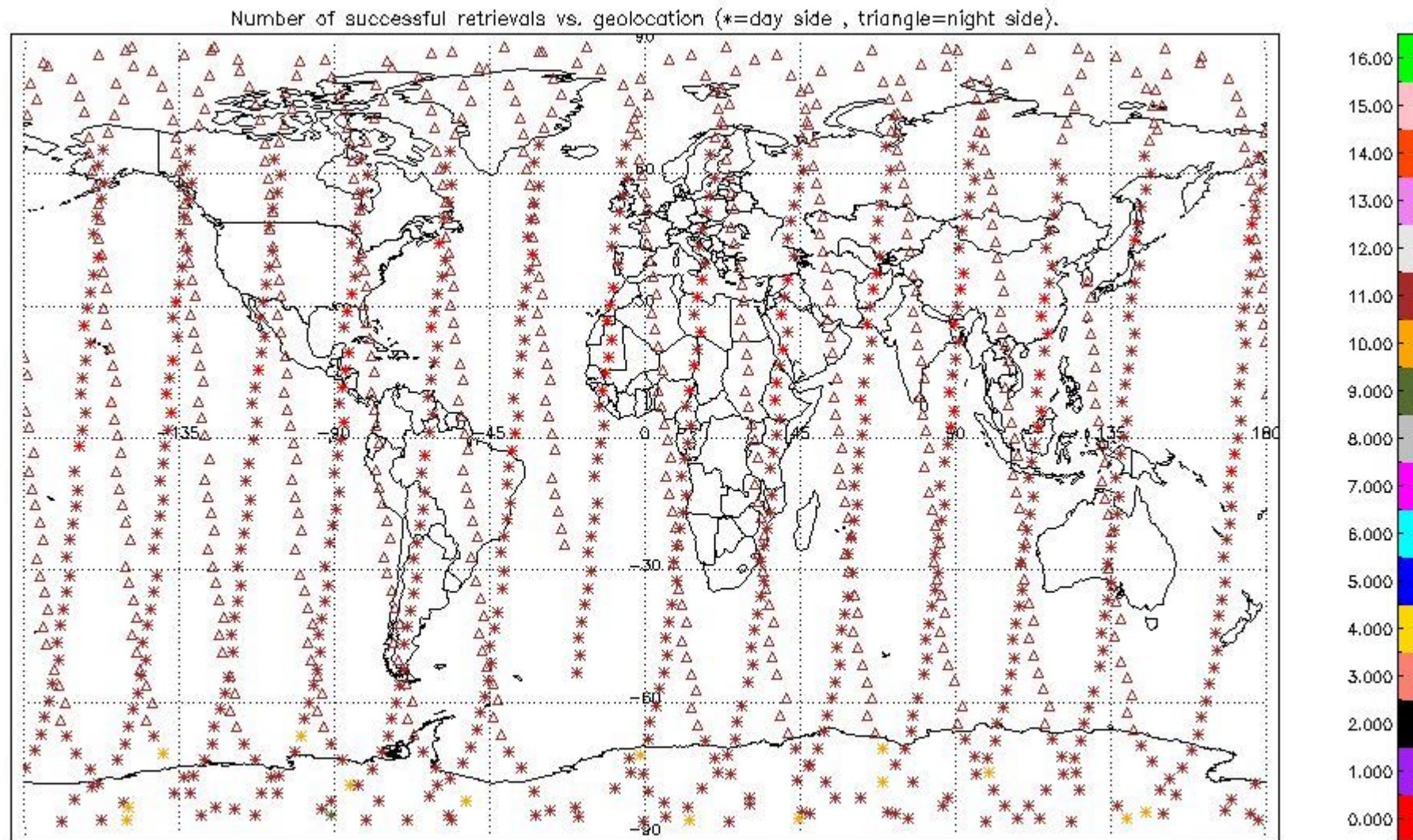
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20050110_221947_000060292033_00402_14985_1000.N1	10JAN2005 22:19:47	11JAN2005 00:00:17	0	90/90	
1	MIP_NL__2PWDSI20050111_000023_000060592033_00403_14986_1000.N1	11JAN2005 00:00:23	11JAN2005 01:41:21	0	90/90	
2	MIP_NL__2PWDSI20050111_014128_000060292033_00404_14987_1000.N1	11JAN2005 01:41:28	11JAN2005 03:21:57	0	90/90	
3	MIP_NL__2PWDSI20050111_032203_000060592033_00405_14988_1000.N1	11JAN2005 03:22:03	11JAN2005 05:03:02	0	90/90	
4	MIP_NL__2PWDSI20050111_050308_000060292033_00406_14989_1000.N1	11JAN2005 05:03:08	11JAN2005 06:43:38	0	90/90	
5	MIP_NL__2PWDSI20050111_064344_000059652033_00407_14990_1000.N1	11JAN2005 06:43:44	11JAN2005 08:23:09	0	89/89	
6	MIP_NL__2PWDSI20050111_082344_000060302033_00408_14991_1000.N1	11JAN2005 08:23:44	11JAN2005 10:04:14	0	90/90	
7	MIP_NL__2PWDSI20050111_100420_000043512033_00409_14992_1000.N1	11JAN2005 10:04:20	11JAN2005 11:16:51	0	65/65	
8	MIP_NL__2PWDSI20050111_121044_000044452033_00410_14993_1000.N1	11JAN2005 12:10:44	11JAN2005 13:24:50	0	66/66	
9	MIP_NL__2PWDSI20050111_132601_000059882033_00411_14994_1000.N1	11JAN2005 13:26:01	11JAN2005 15:05:49	0	77/77	
10	MIP_NL__2PWDSI20050111_150555_000060292033_00412_14995_1000.N1	11JAN2005 15:05:55	11JAN2005 16:46:25	0	90/90	
11	MIP_NL__2PWDSI20050111_164631_000060592033_00413_14996_1000.N1	11JAN2005 16:46:31	11JAN2005 18:27:30	0	90/90	
12	MIP_NL__2PWDSI20050111_182736_000060292033_00414_14997_1000.N1	11JAN2005 18:27:36	11JAN2005 20:08:05	0	90/90	
13	MIP_NL__2PWDSI20050111_200812_000059942033_00415_14998_1000.N1	11JAN2005 20:08:12	11JAN2005 21:48:05	0	89/89	
14	MIP_NL__2PWDSI20050111_214812_000052882033_00416_14999_1000.N1	11JAN2005 21:48:12	11JAN2005 23:16:19	0	79/79	<b>VMR_TERM_MACRO_MICRO[N2O5/micro:1]</b>

## 2.2 Processing performance indicators

## 2.2.1 Successful retrievals

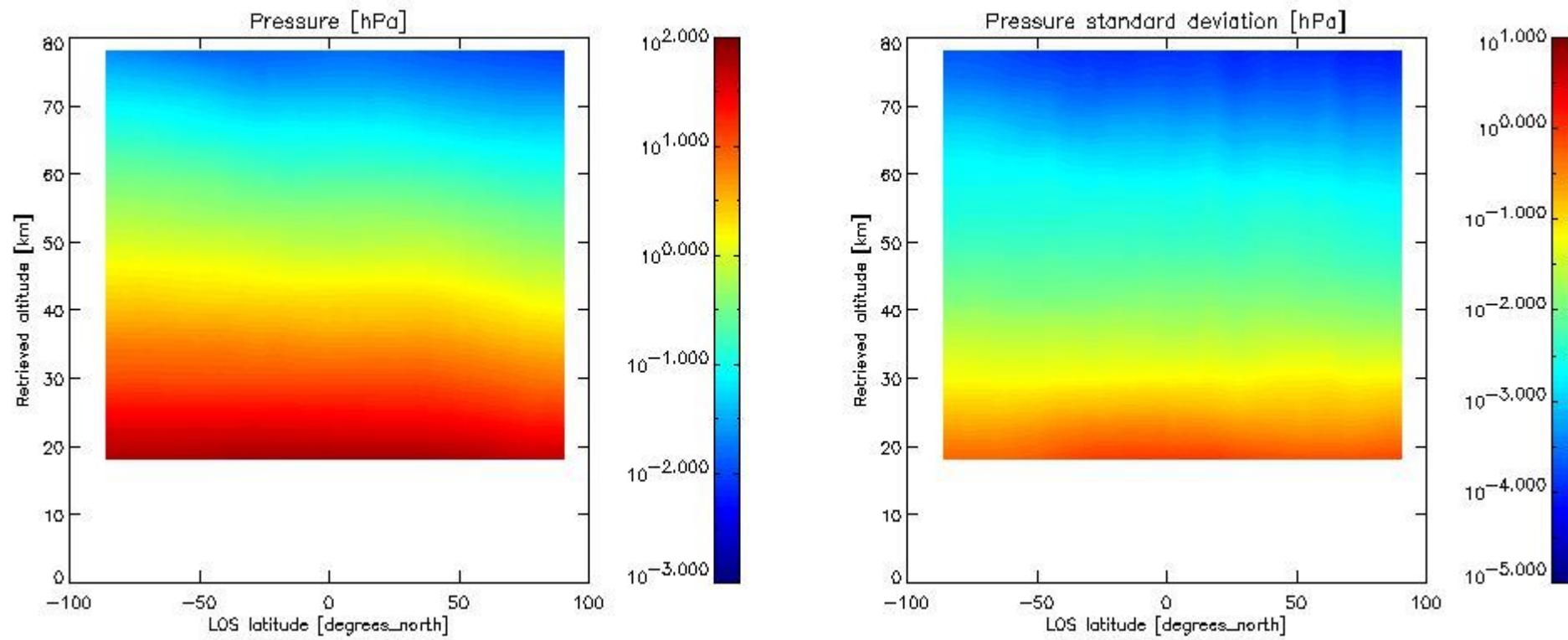
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1275	1125	88.235
H2O	1275	1122	88.000
O3	1275	1125	88.235
HNO3	1275	1125	88.235
CH4	1275	1113	87.294
N2O	1275	1124	88.157
NO2	1275	1125	88.235
F11	1275	1125	88.235
CLNO	1275	1125	88.235
N2O5	1275	1125	88.235
F12	1275	1125	88.235
COF2	1275	0	0.0000
CCL4	1275	0	0.0000
HCN	1275	0	0.0000
F14	1275	0	0.0000
F22	1275	0	0.0000



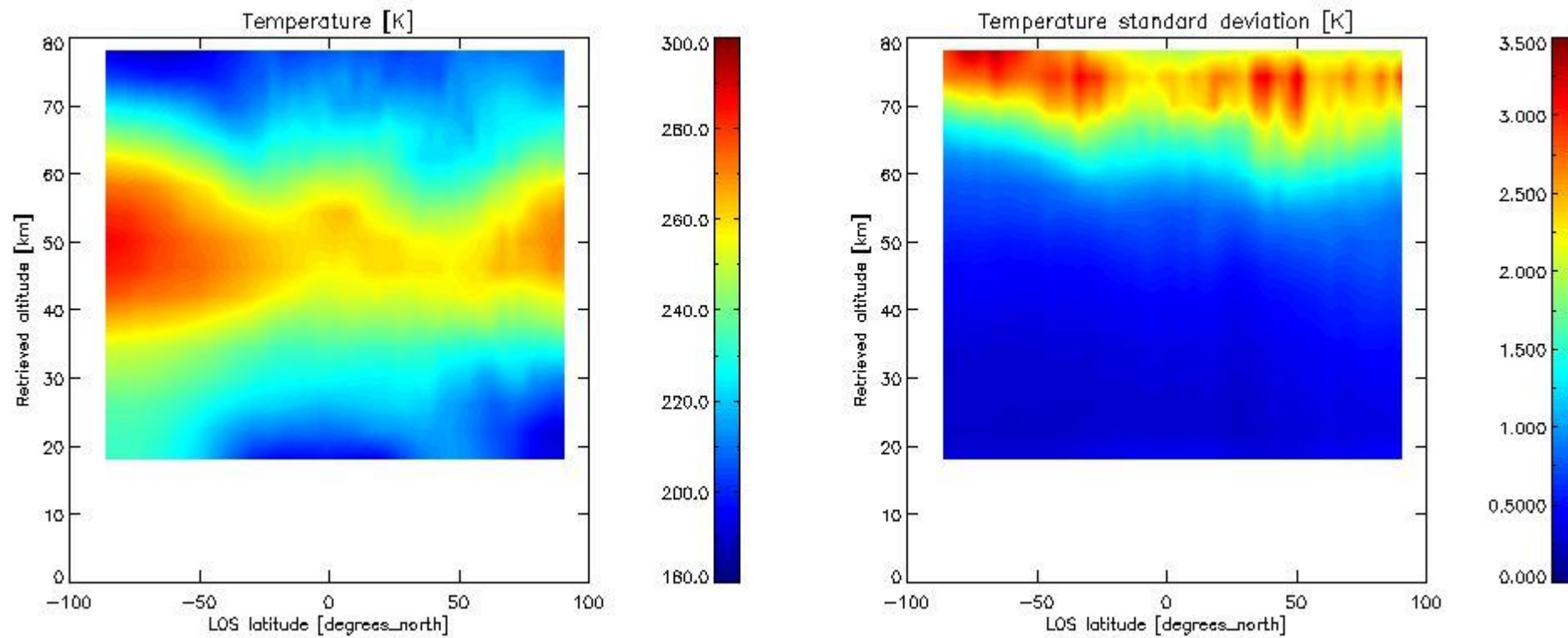
## 2.2.2 Pressure overview

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



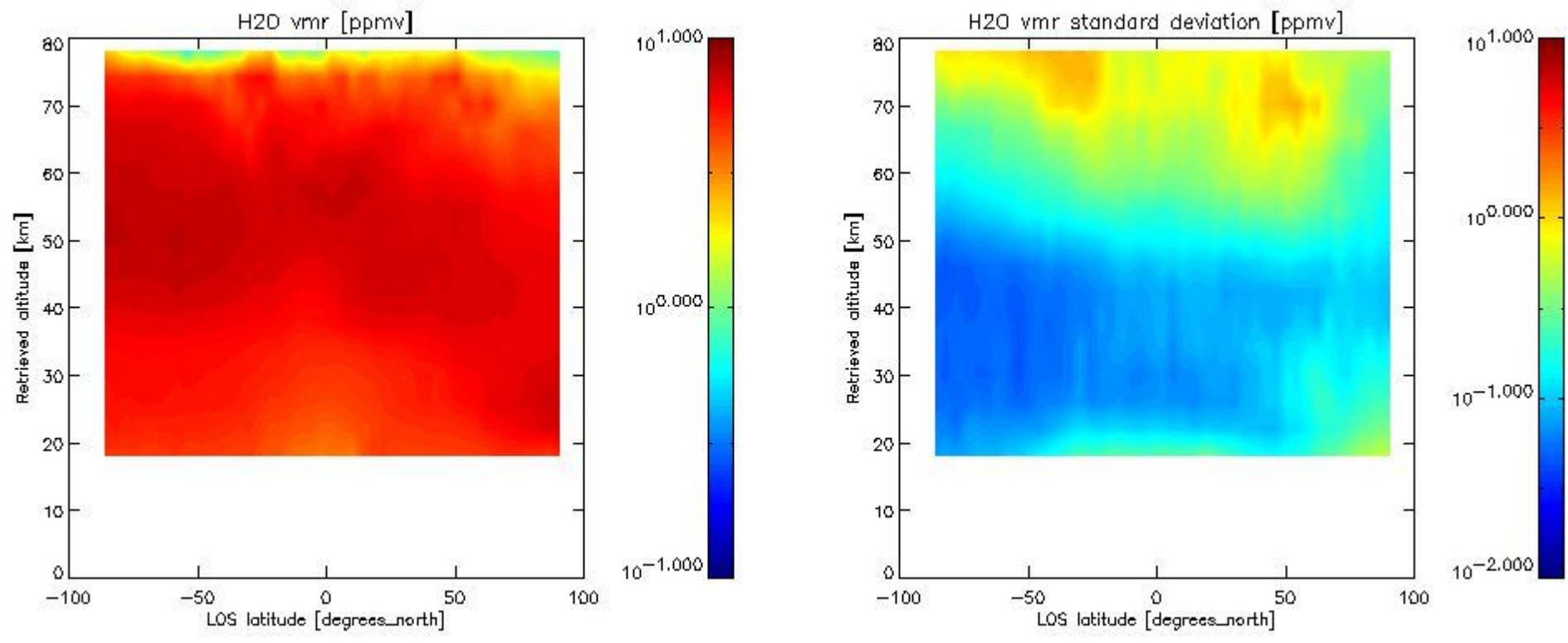
### 2.2.3 Temperature overview

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

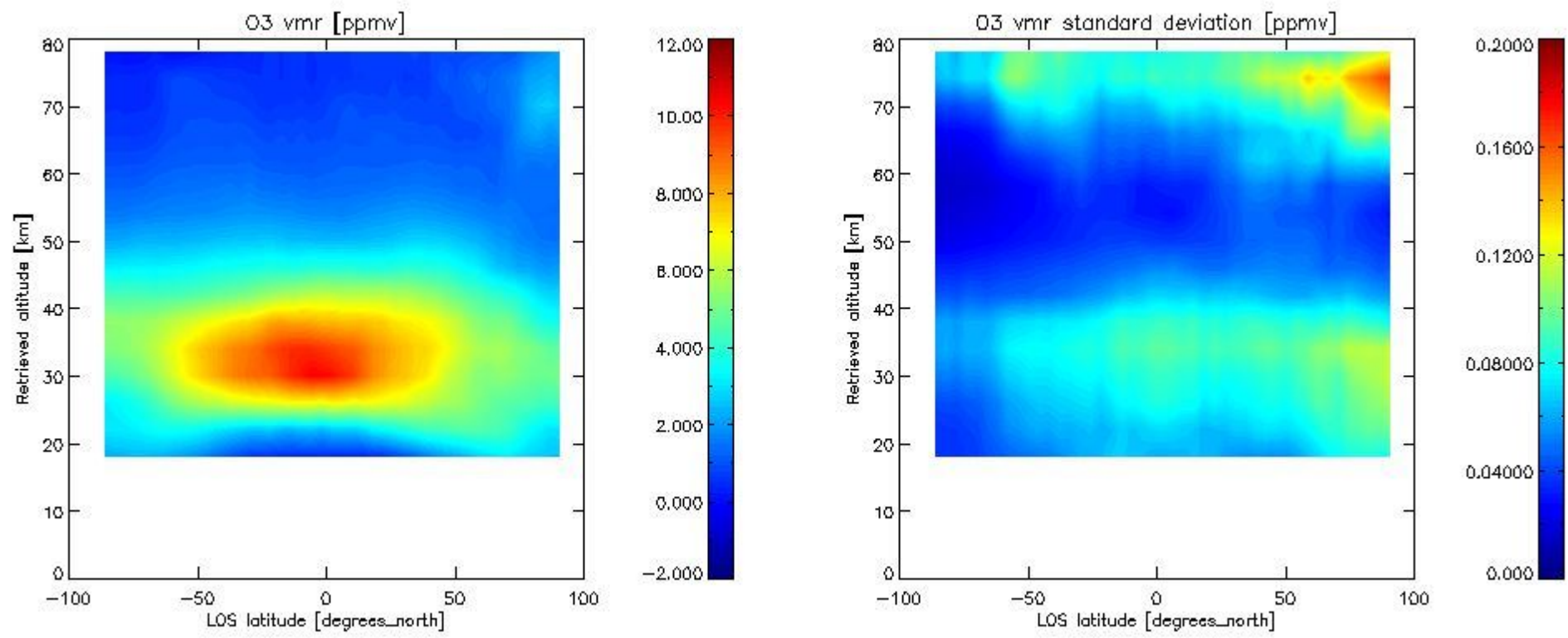


### 2.2.4 Species overview

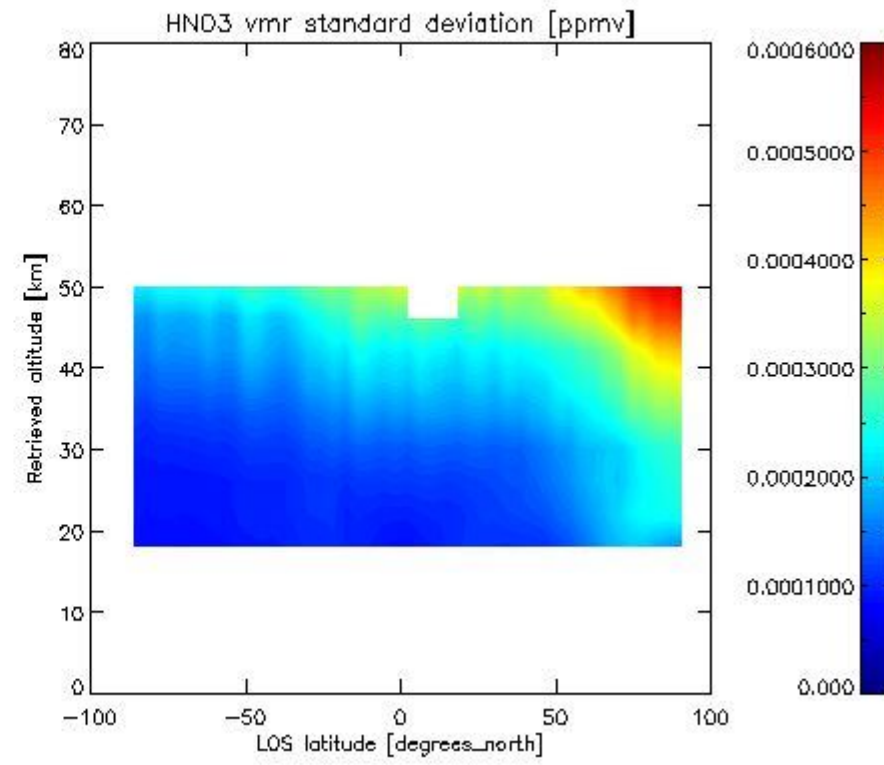
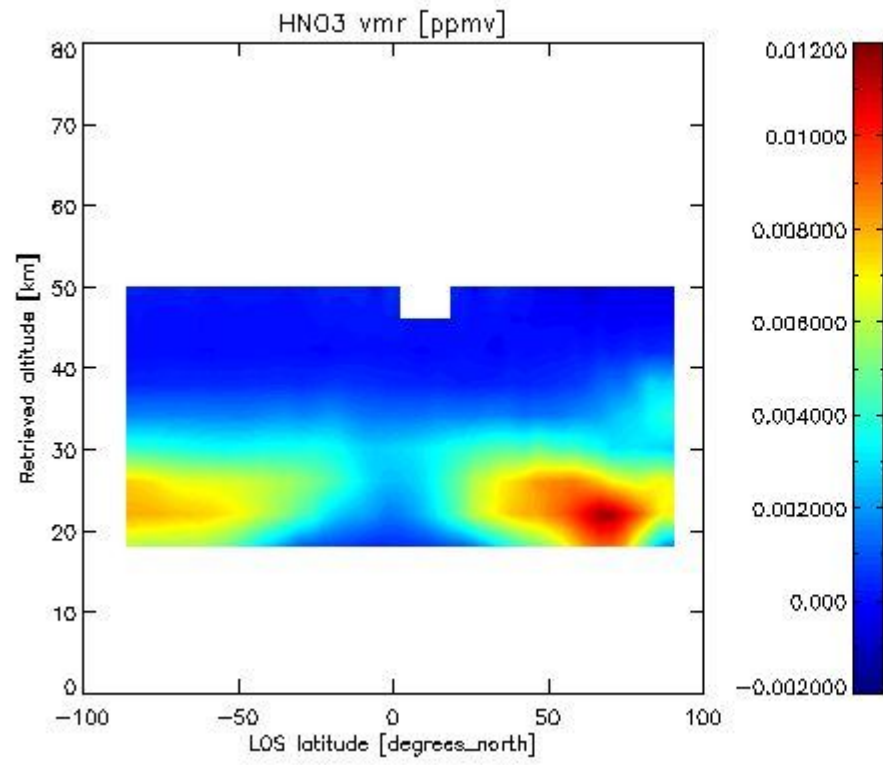
**2.2.4.1 H2O overview** This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



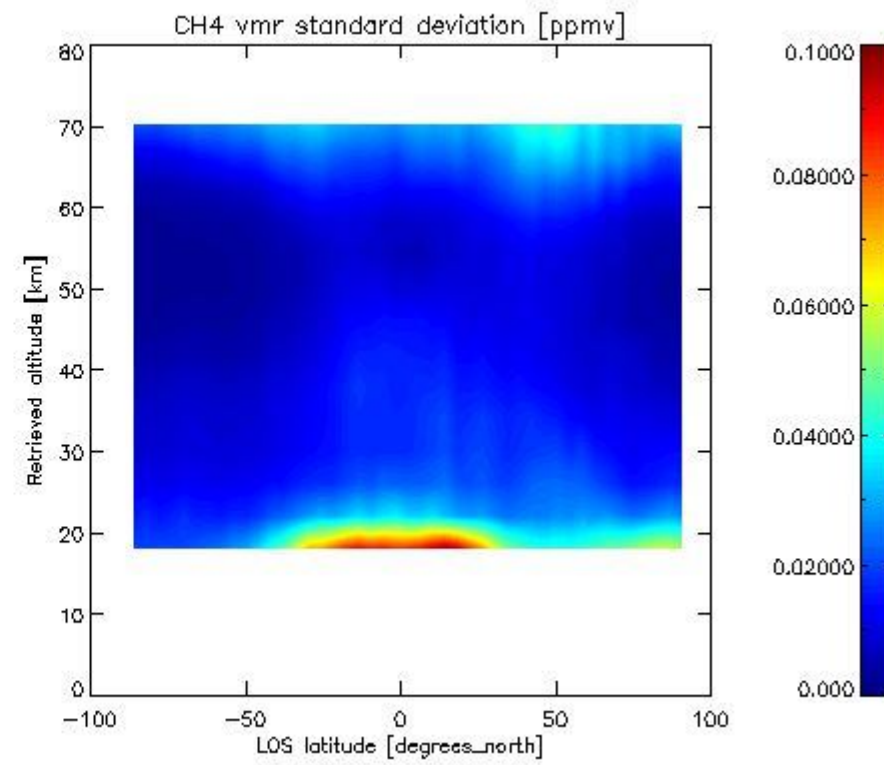
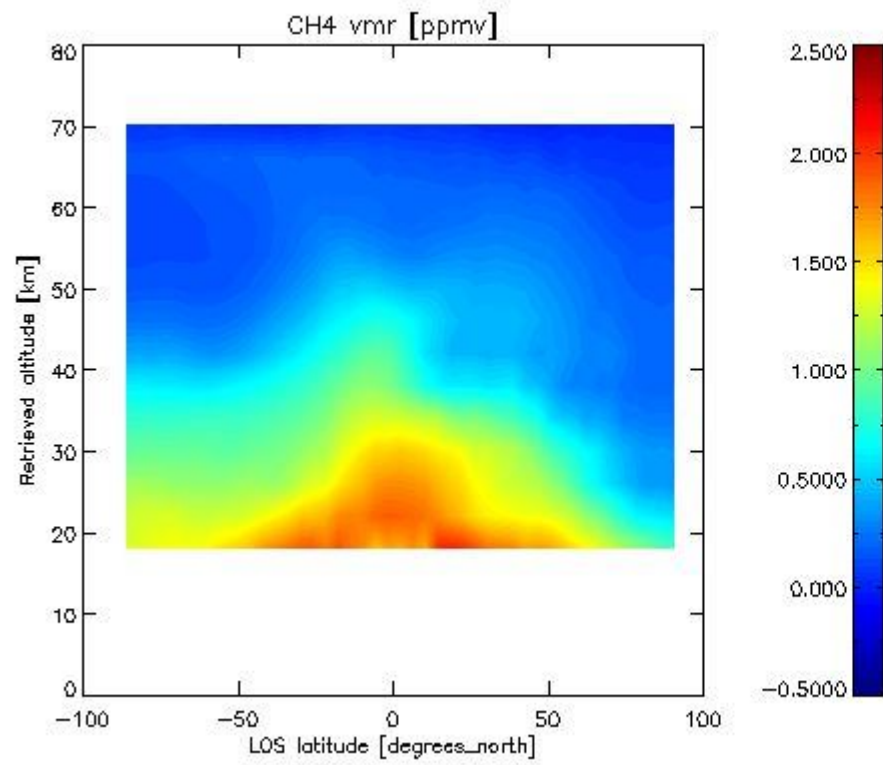
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



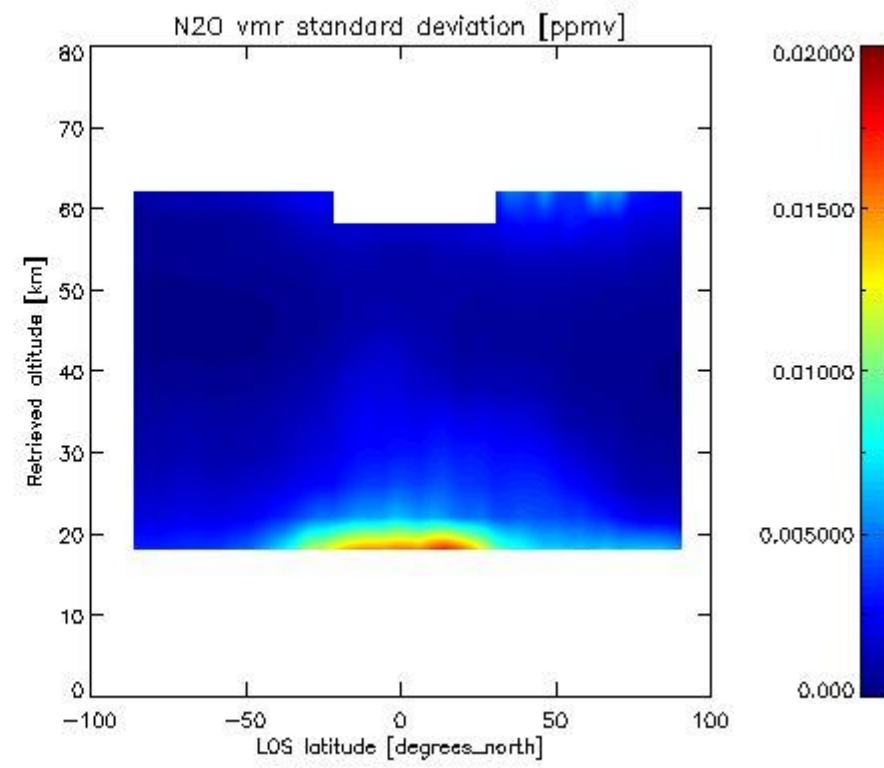
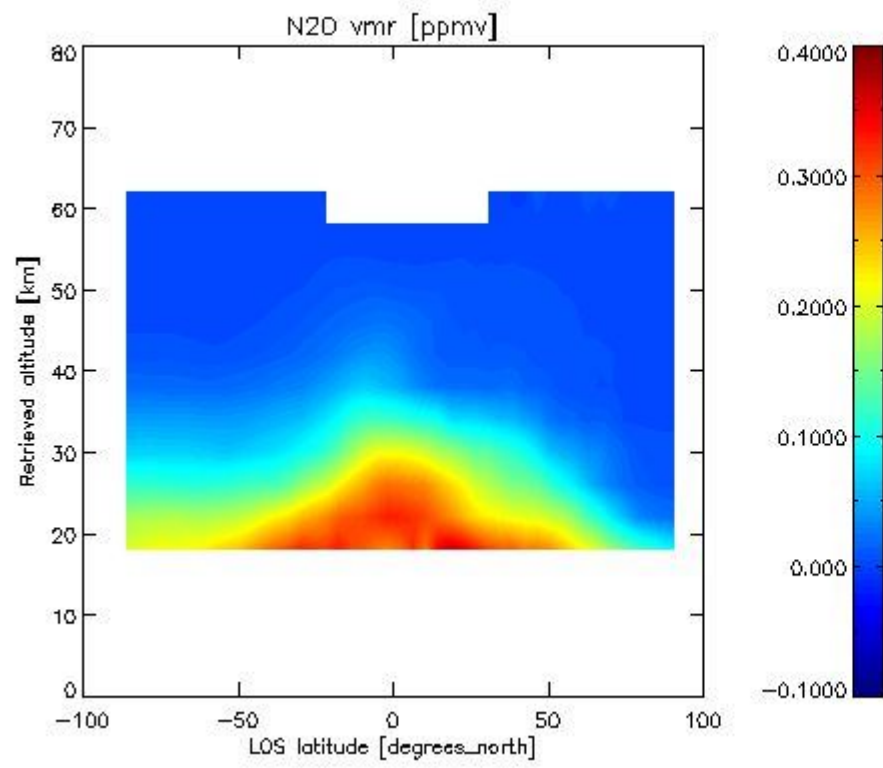
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



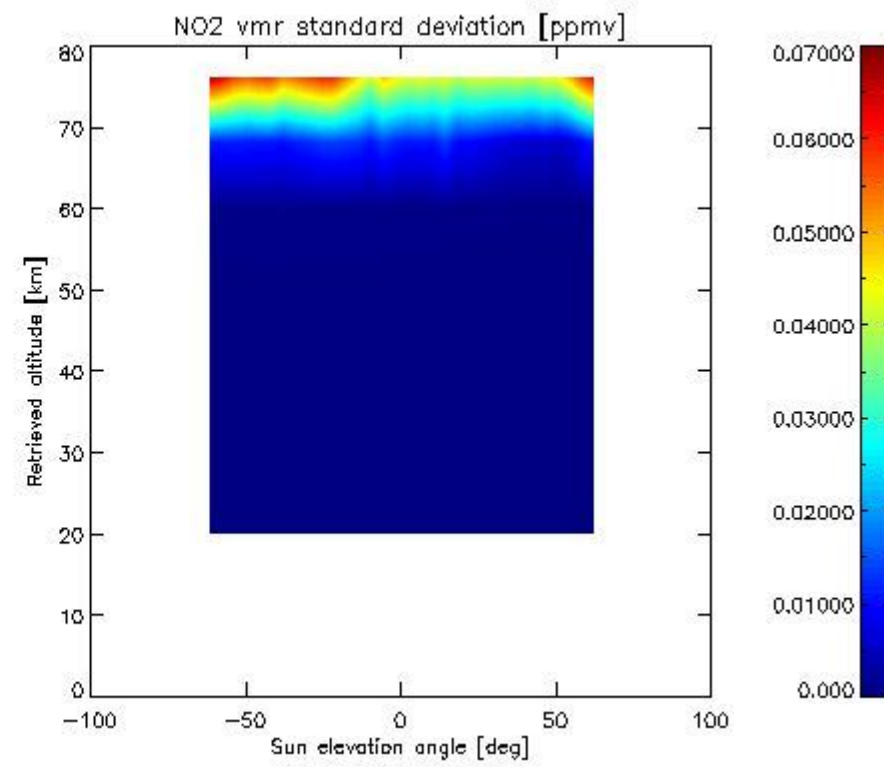
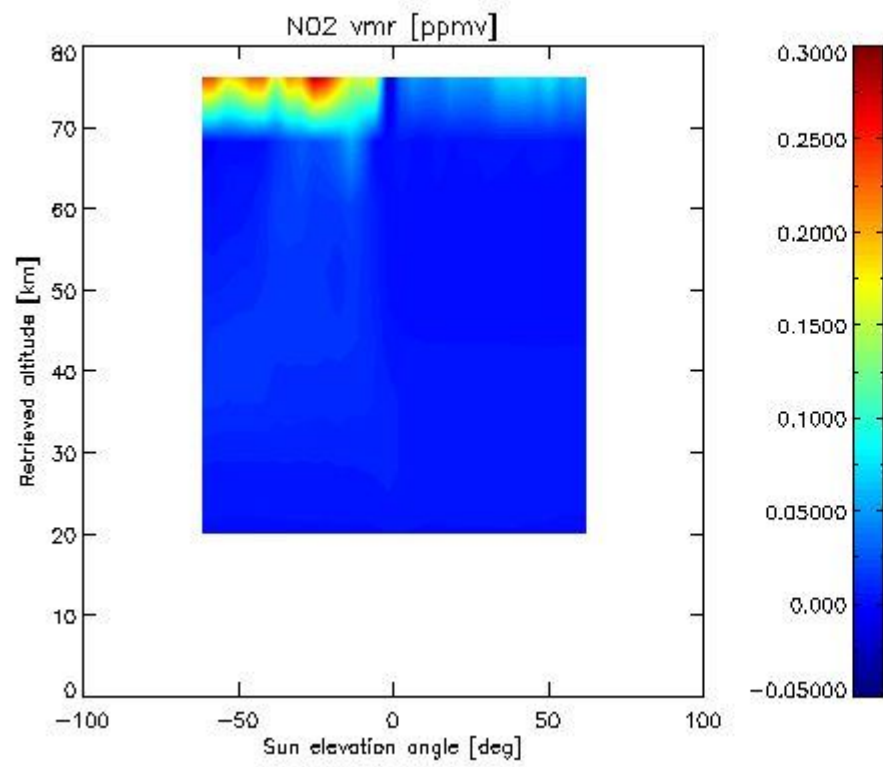
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



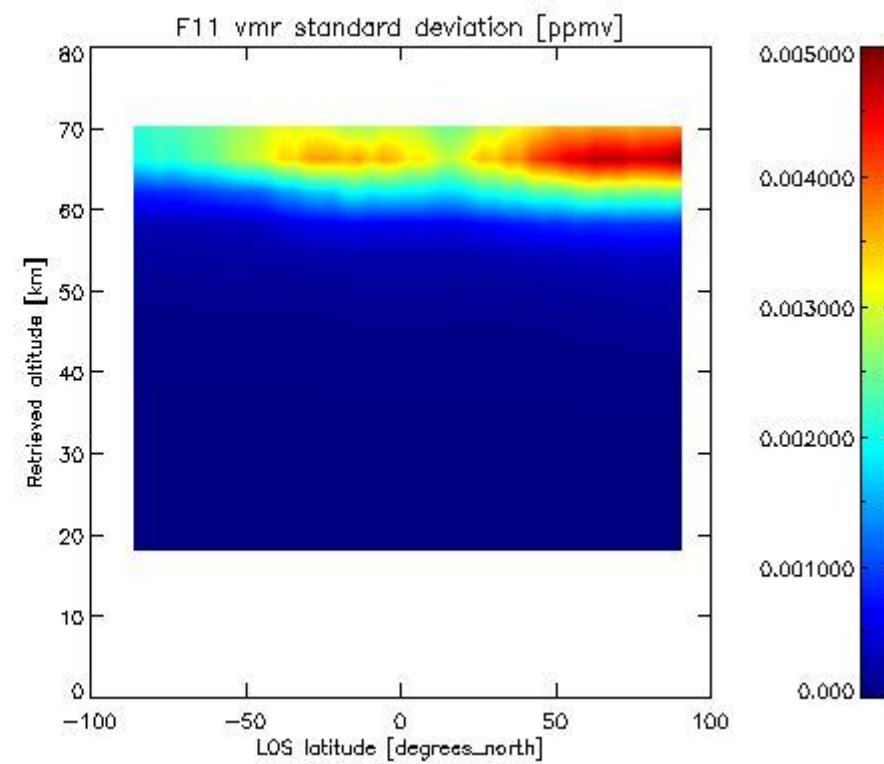
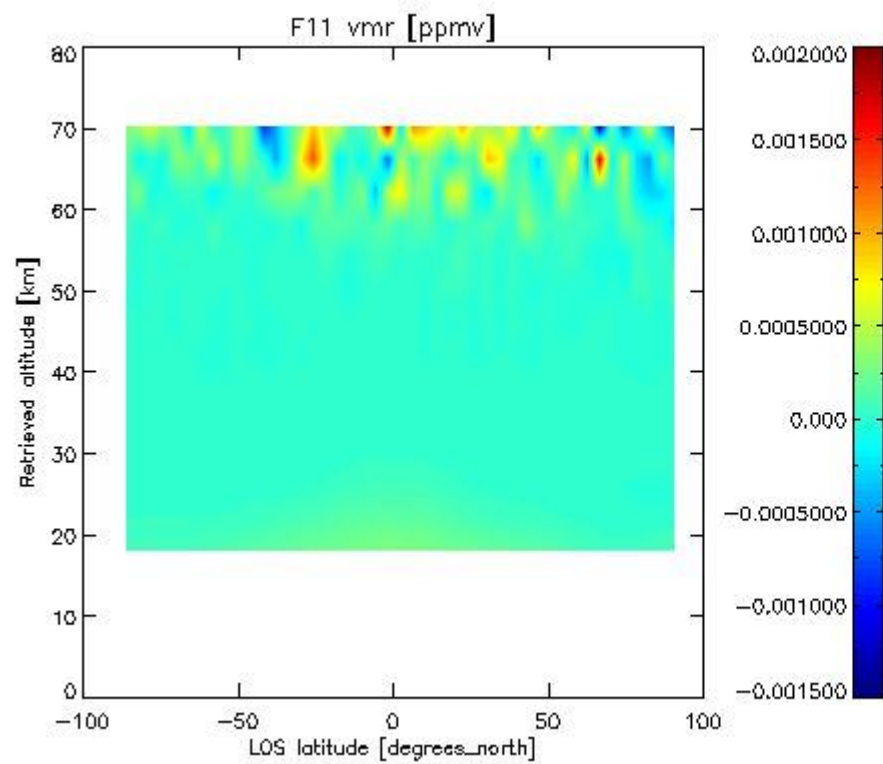
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



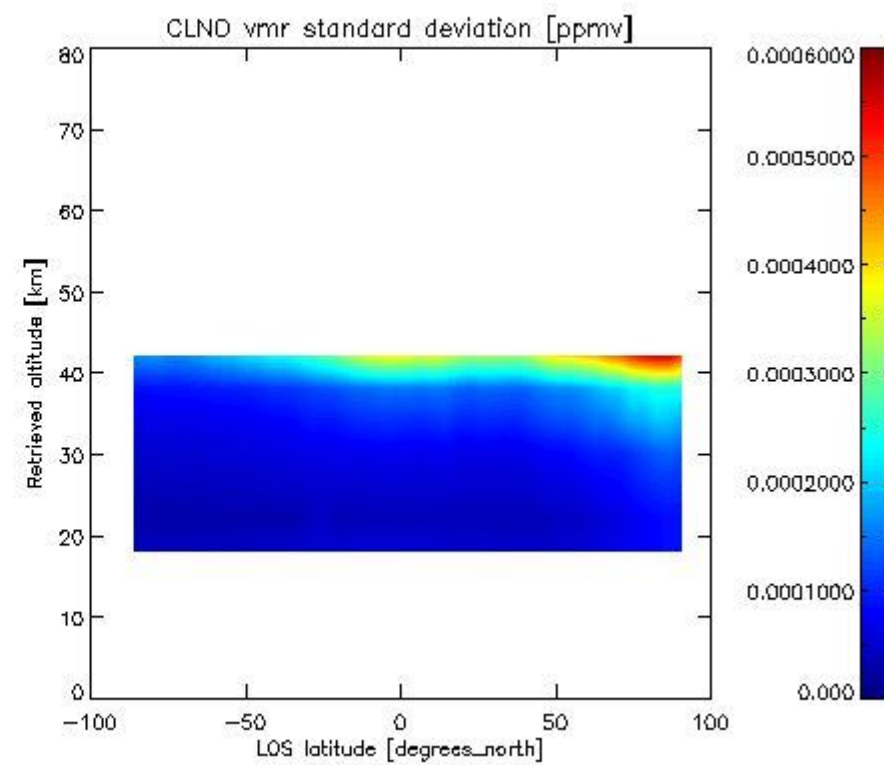
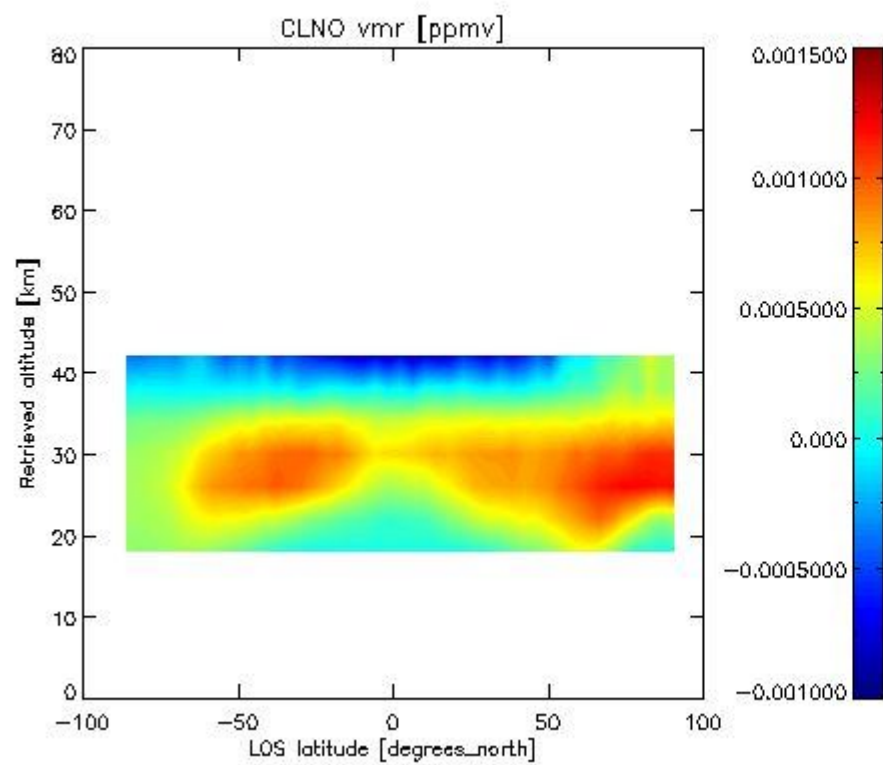
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 8 km.



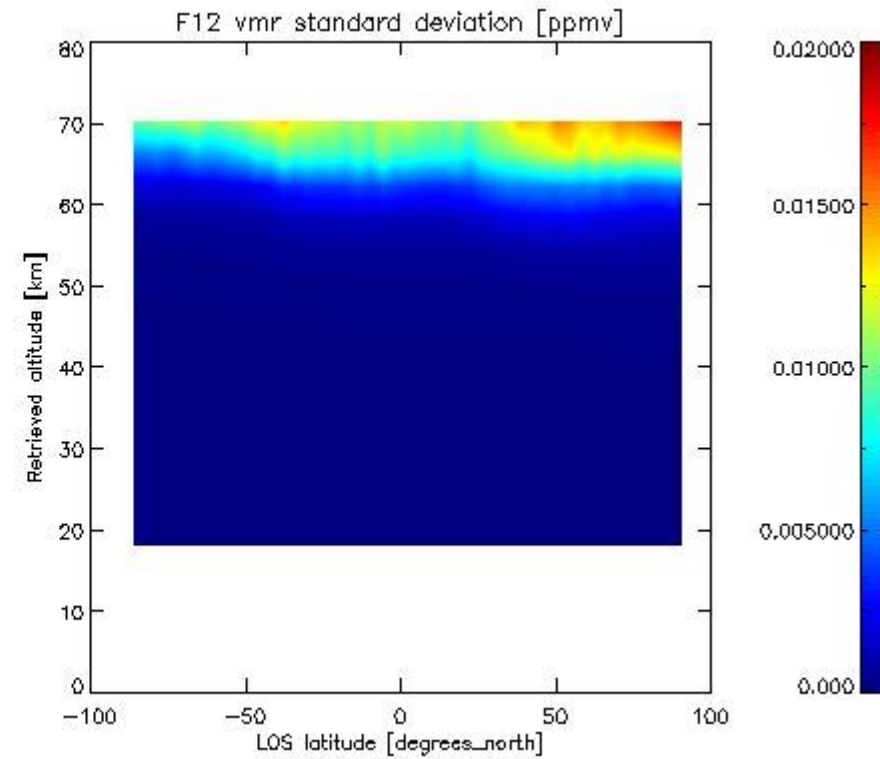
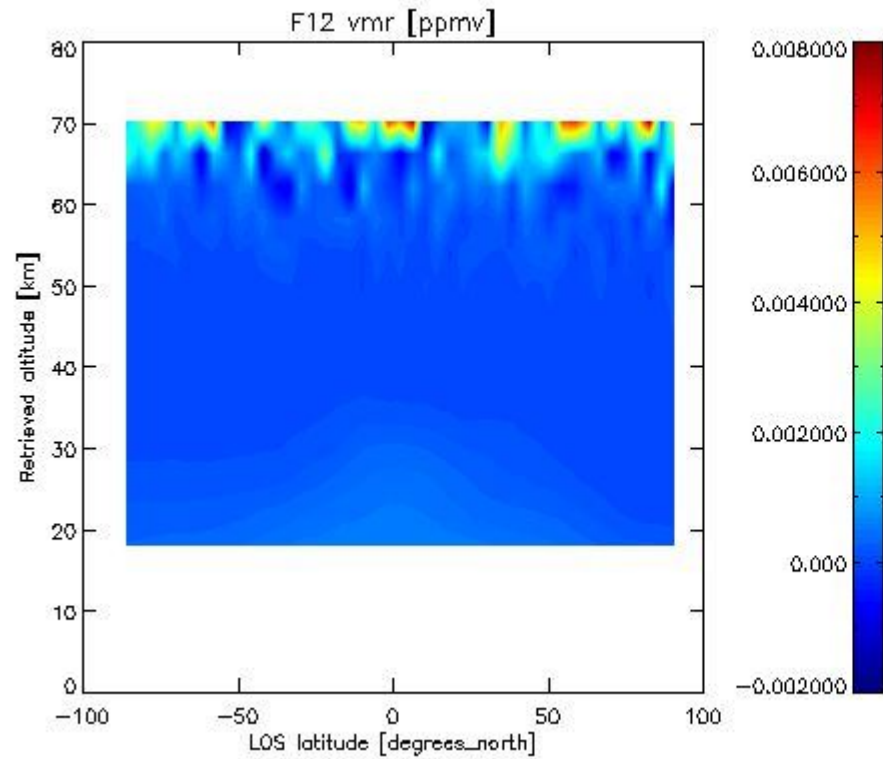
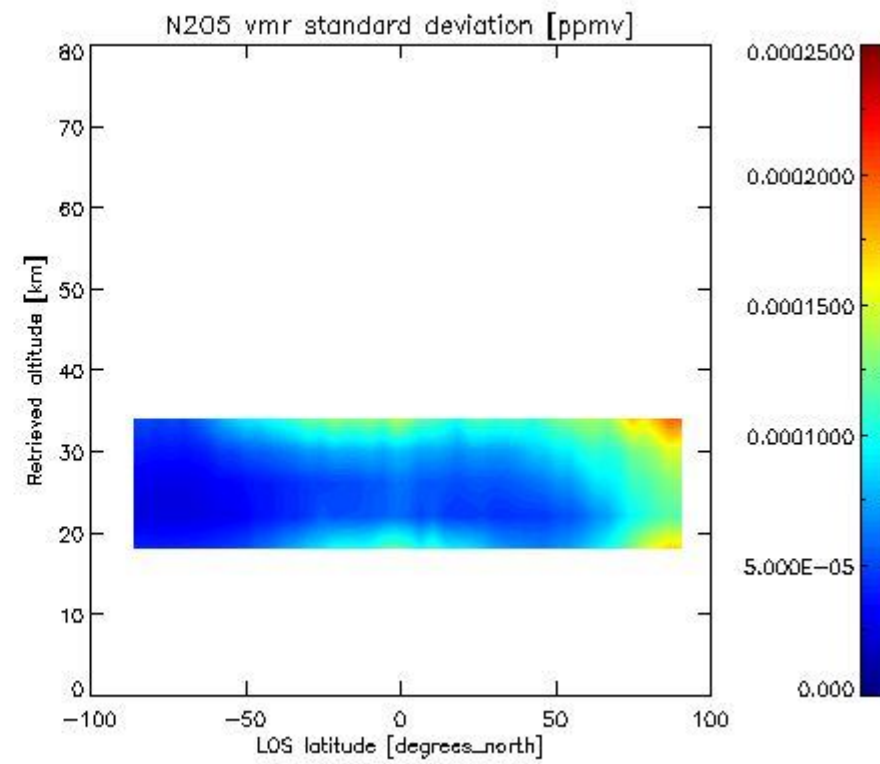
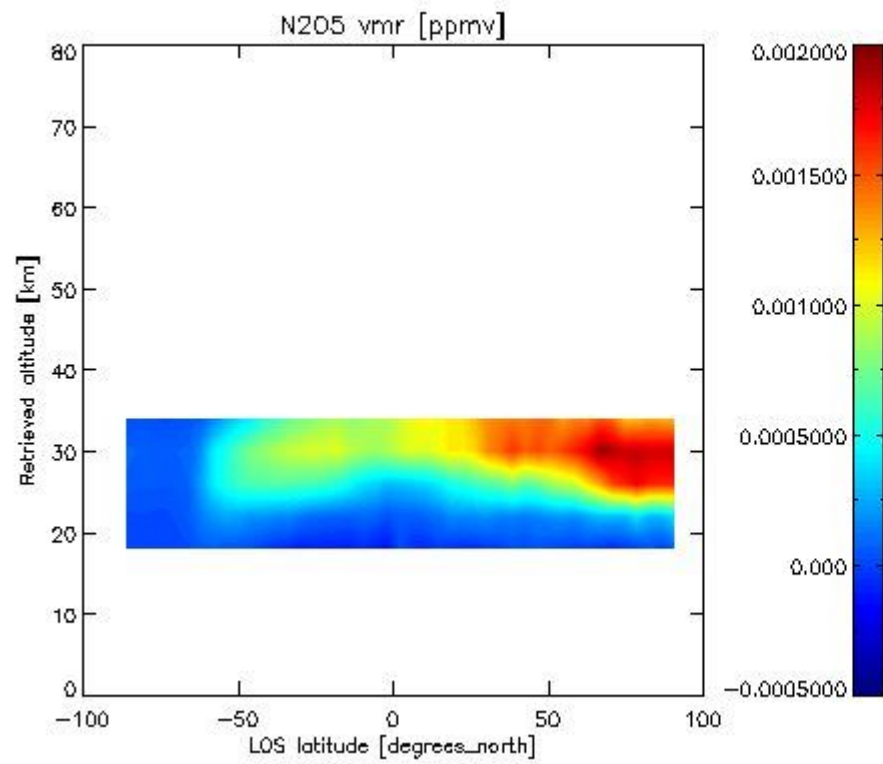
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



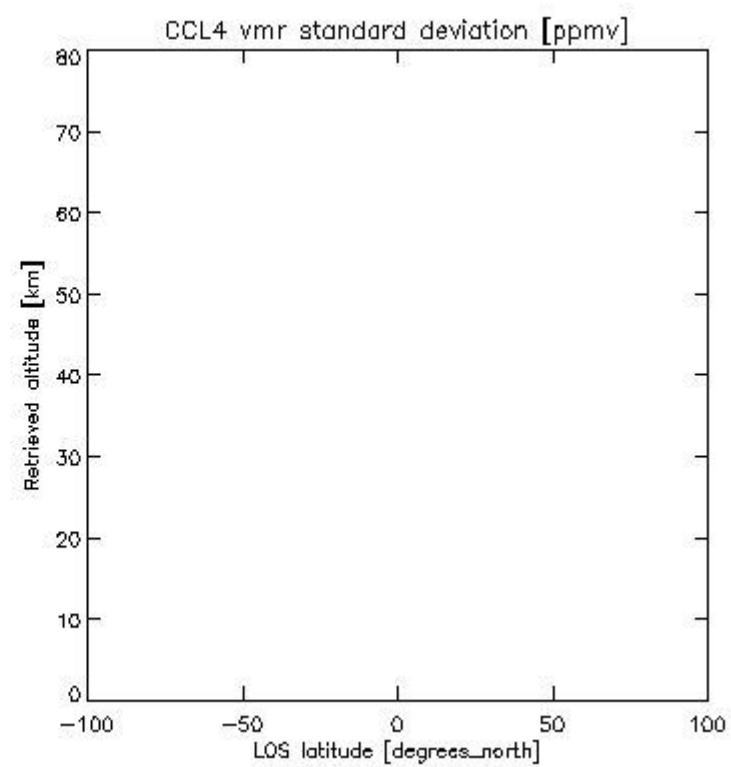
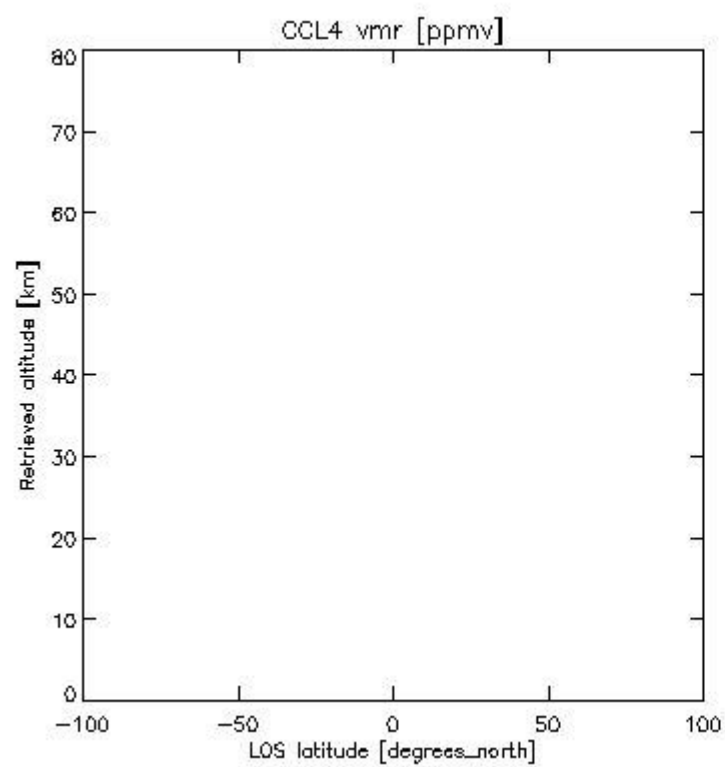
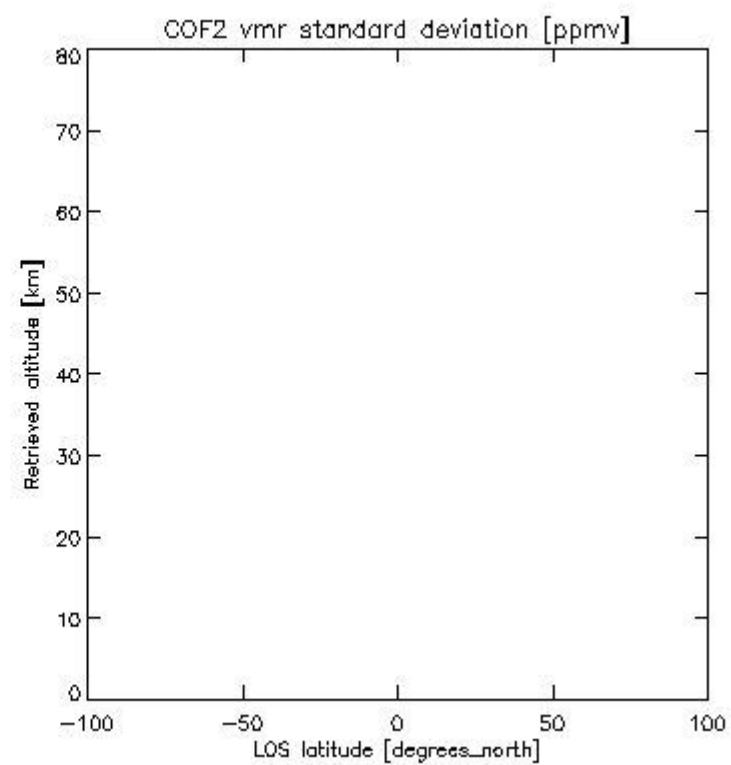
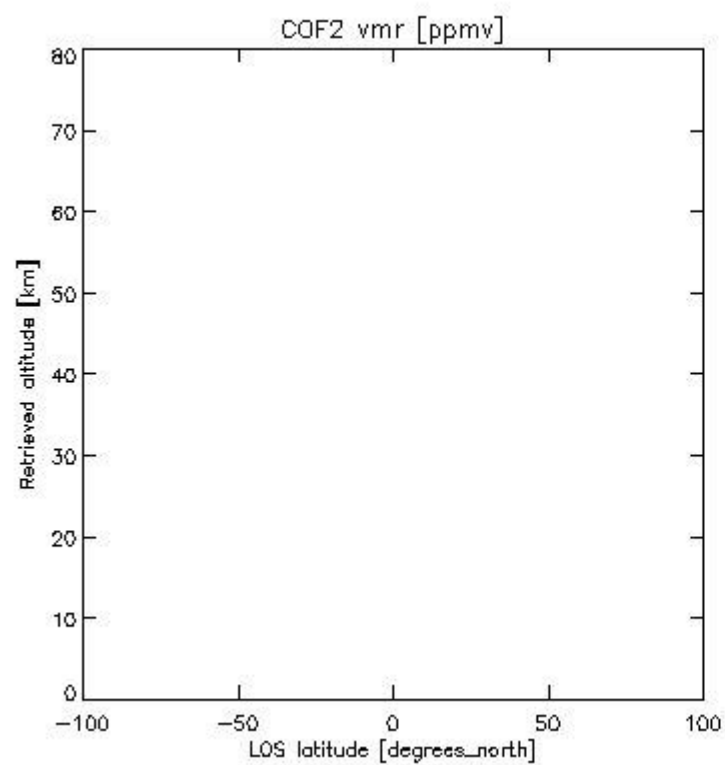
2.3.4 CLNO vmr: This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

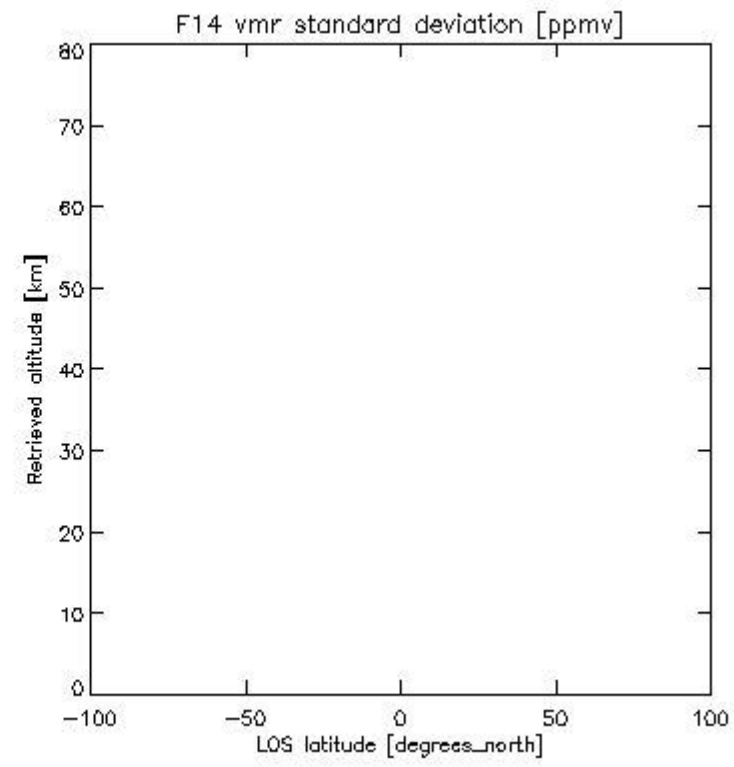
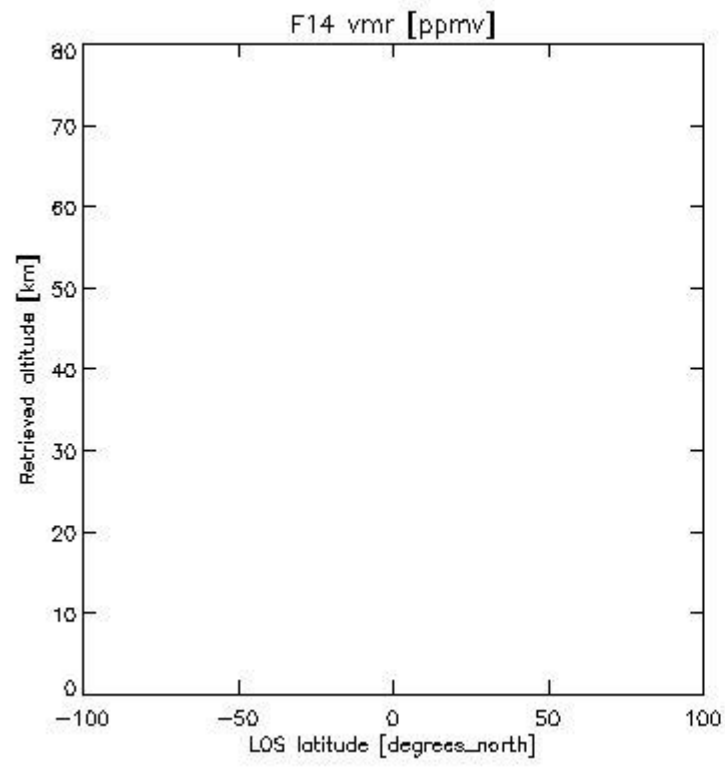
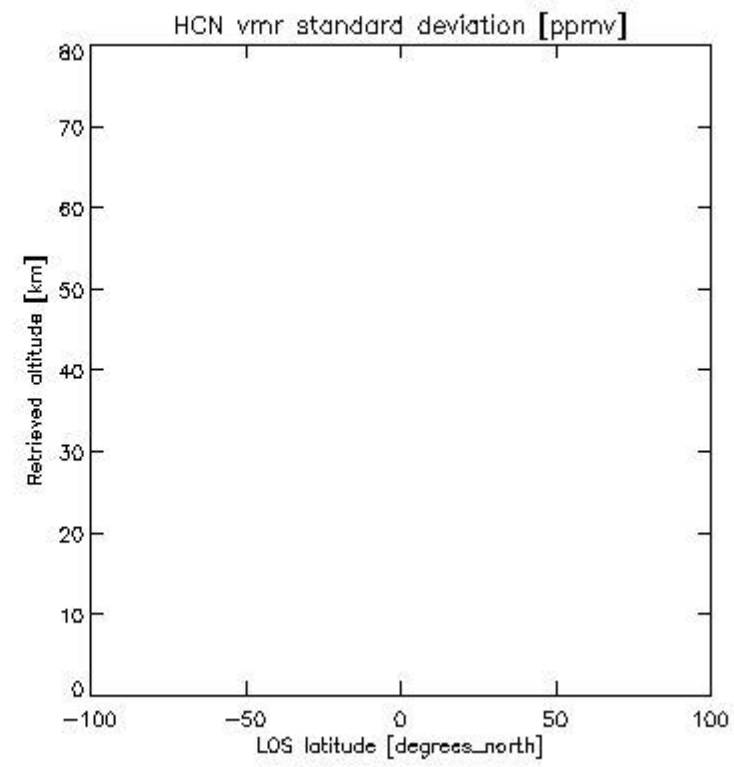
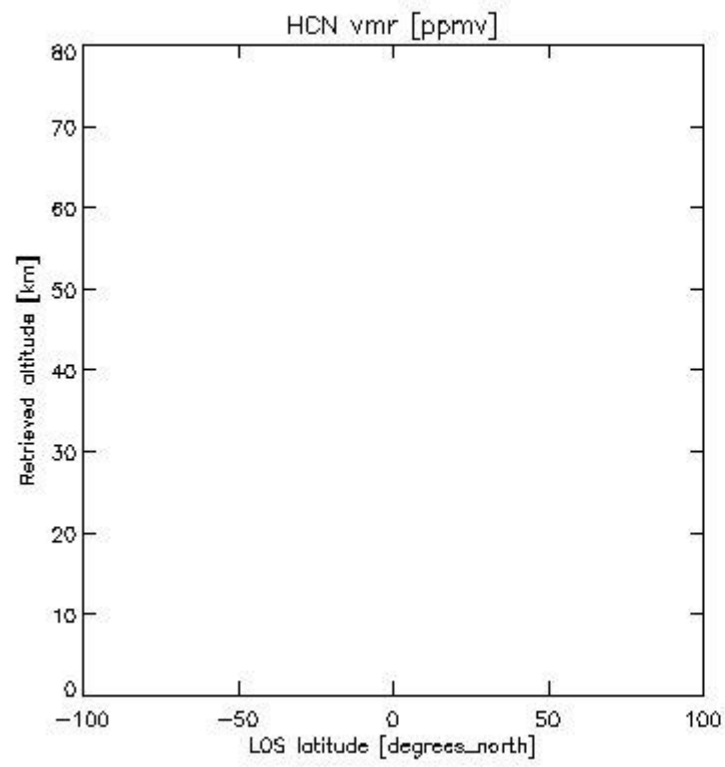


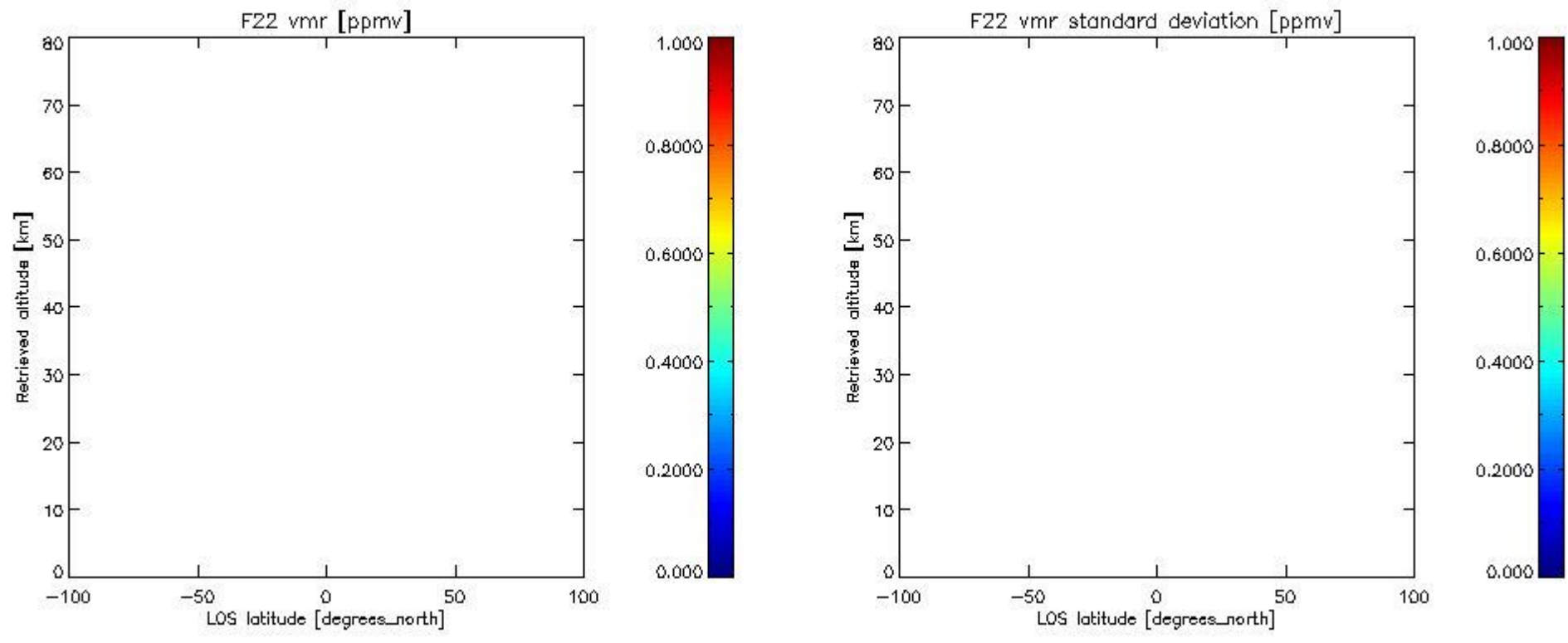
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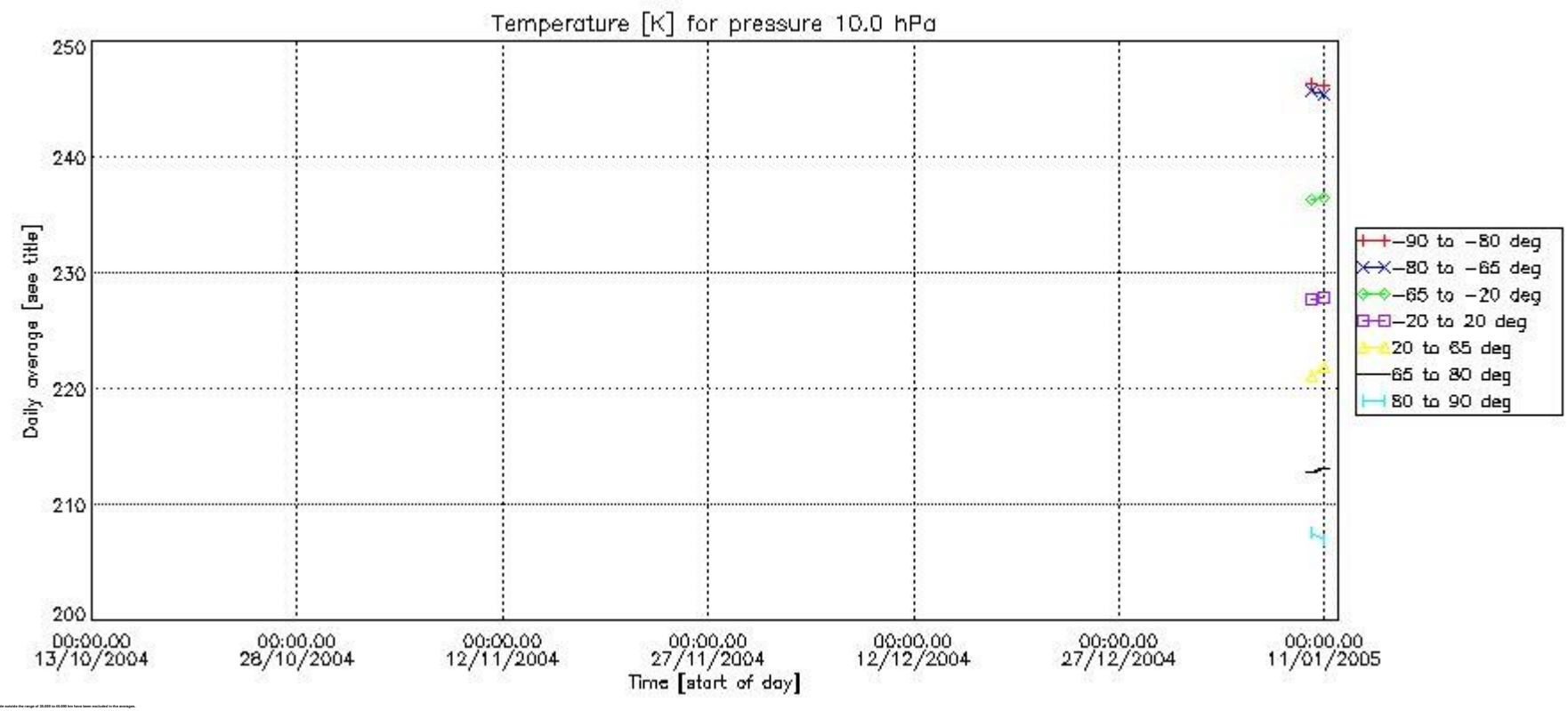




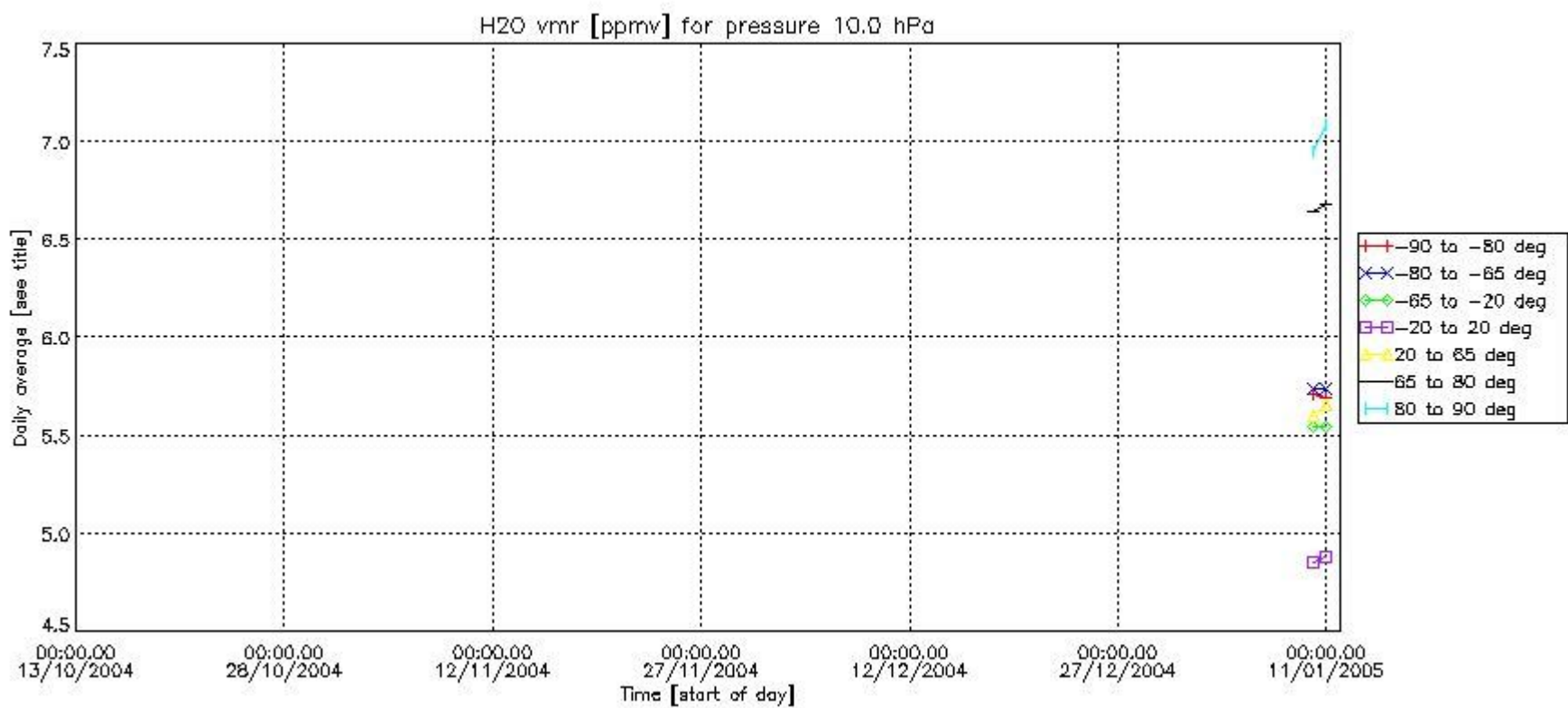
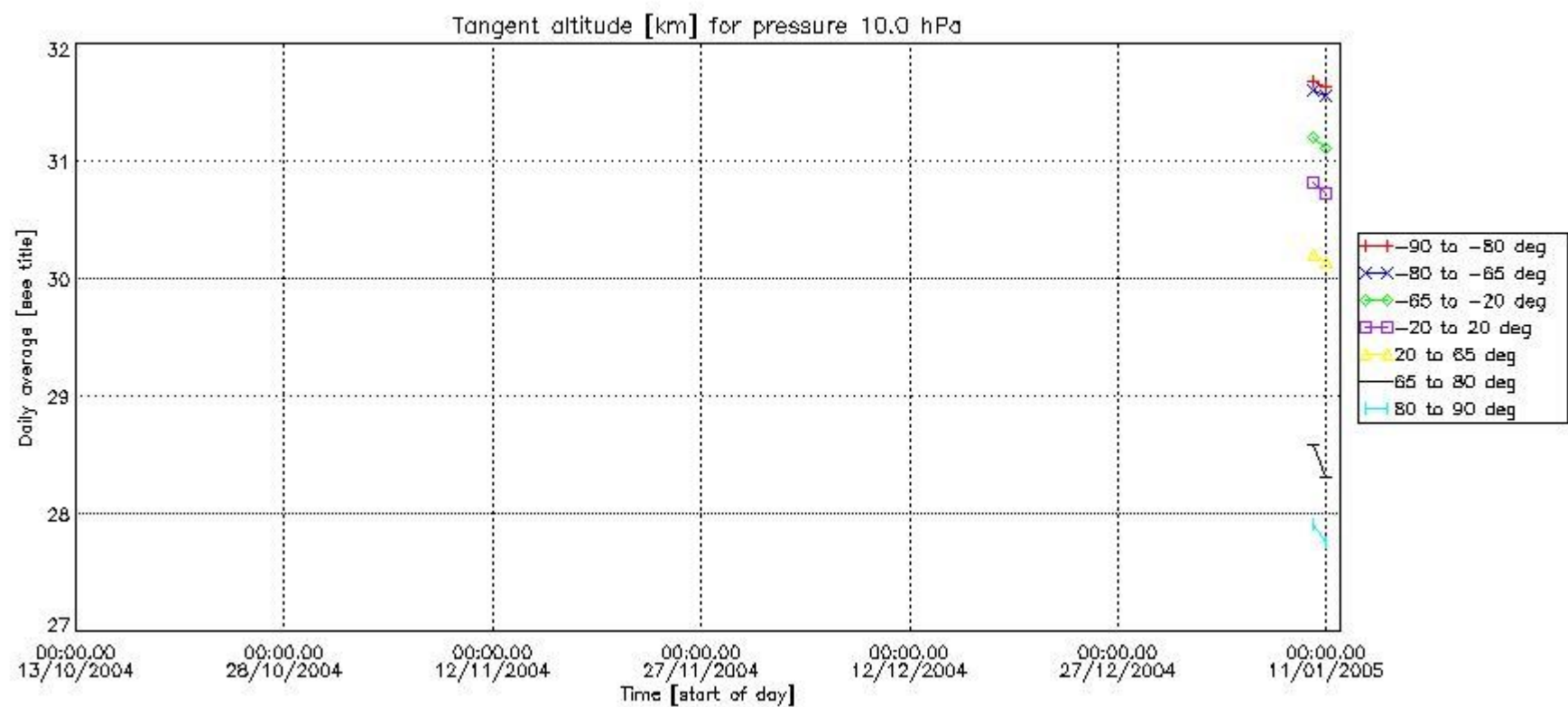


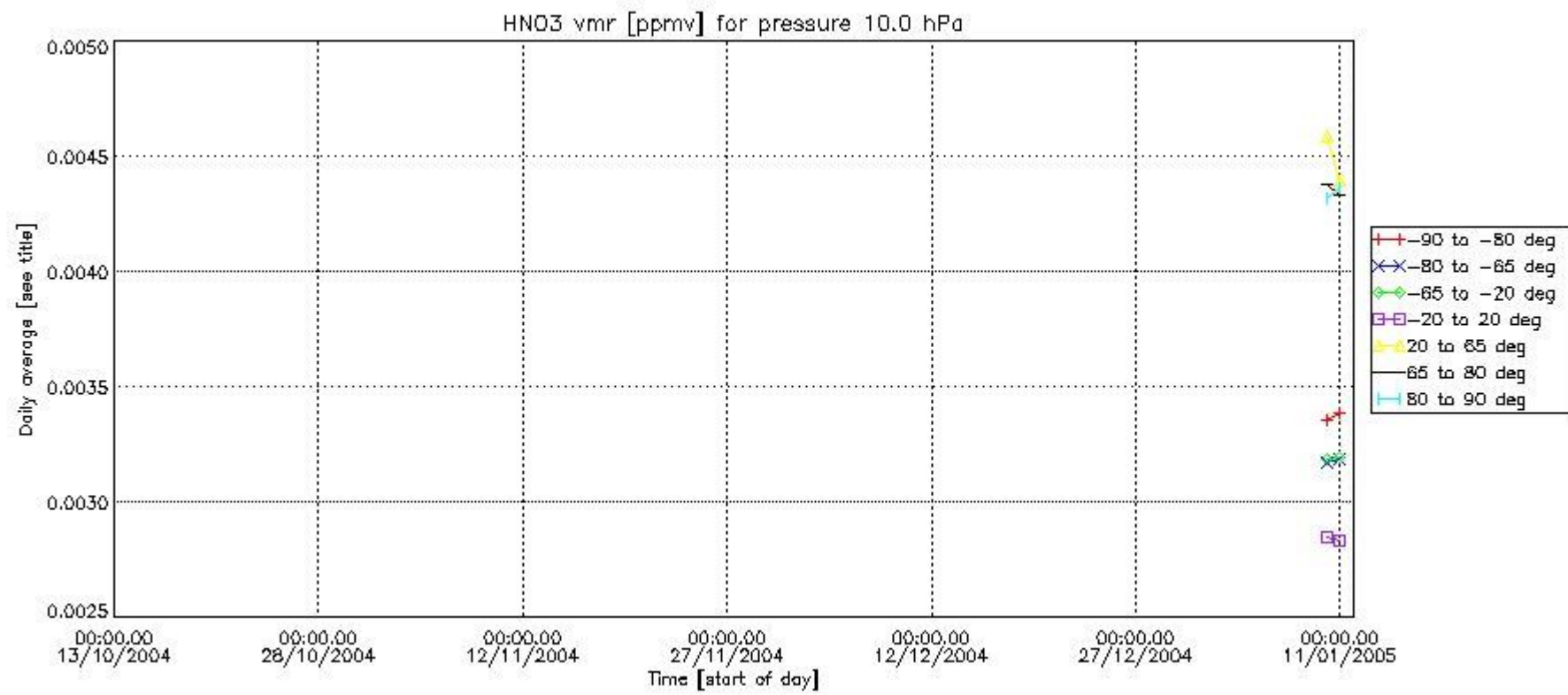
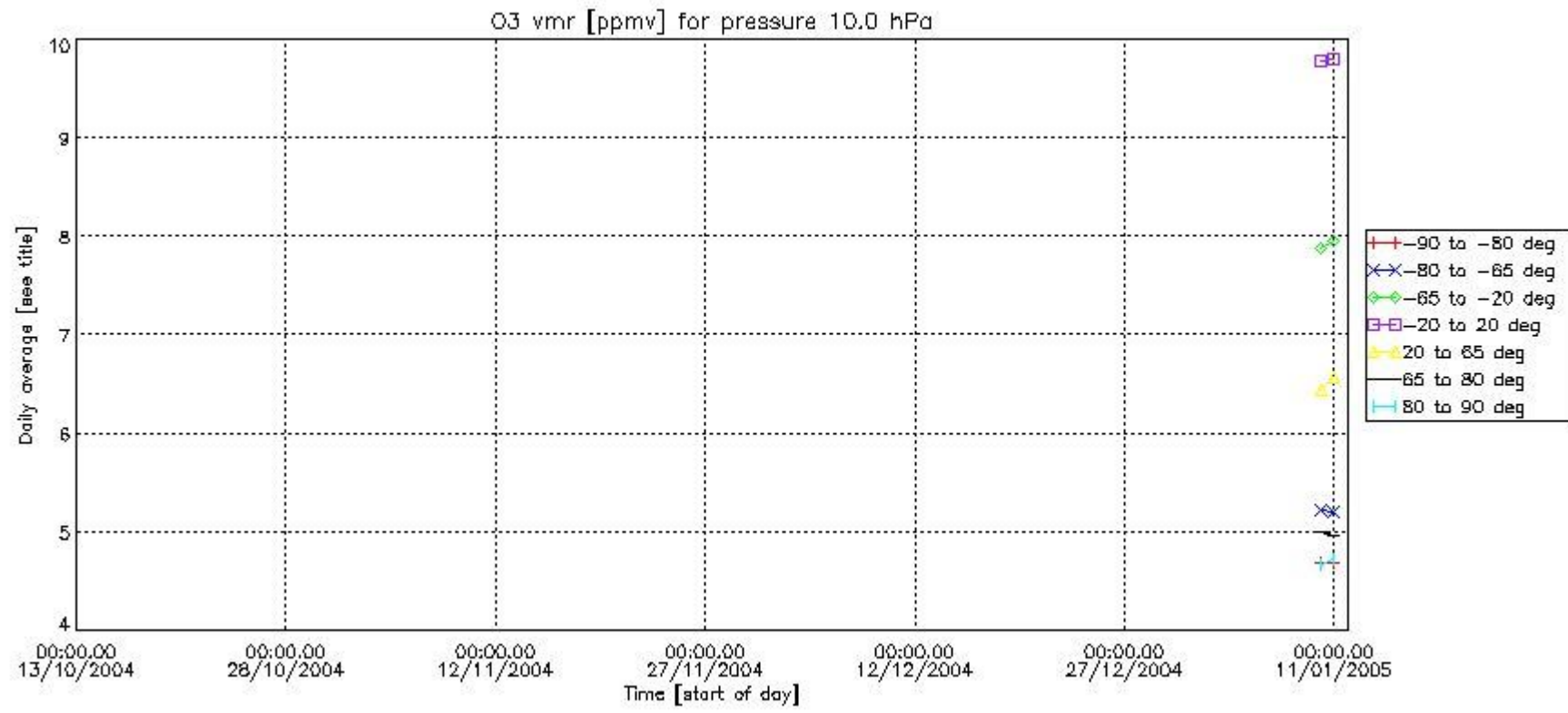


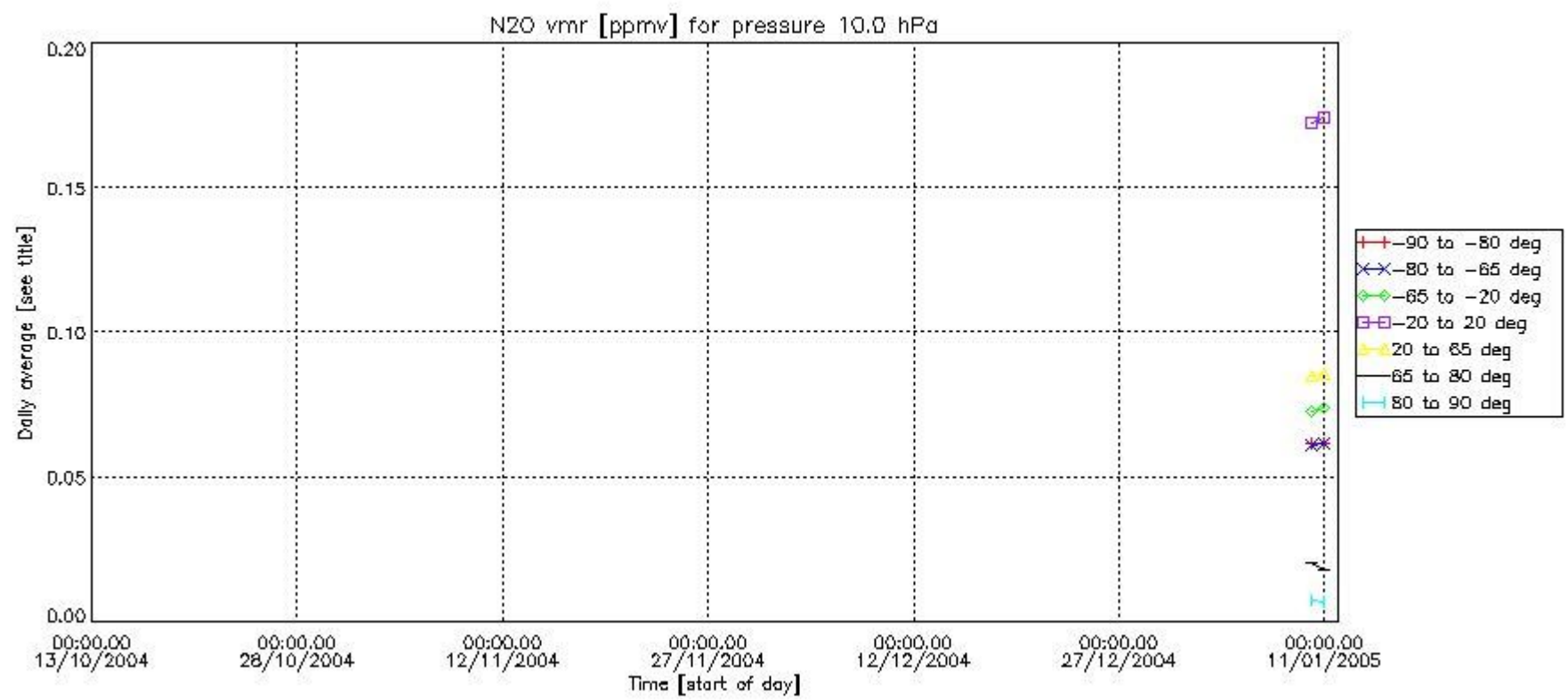
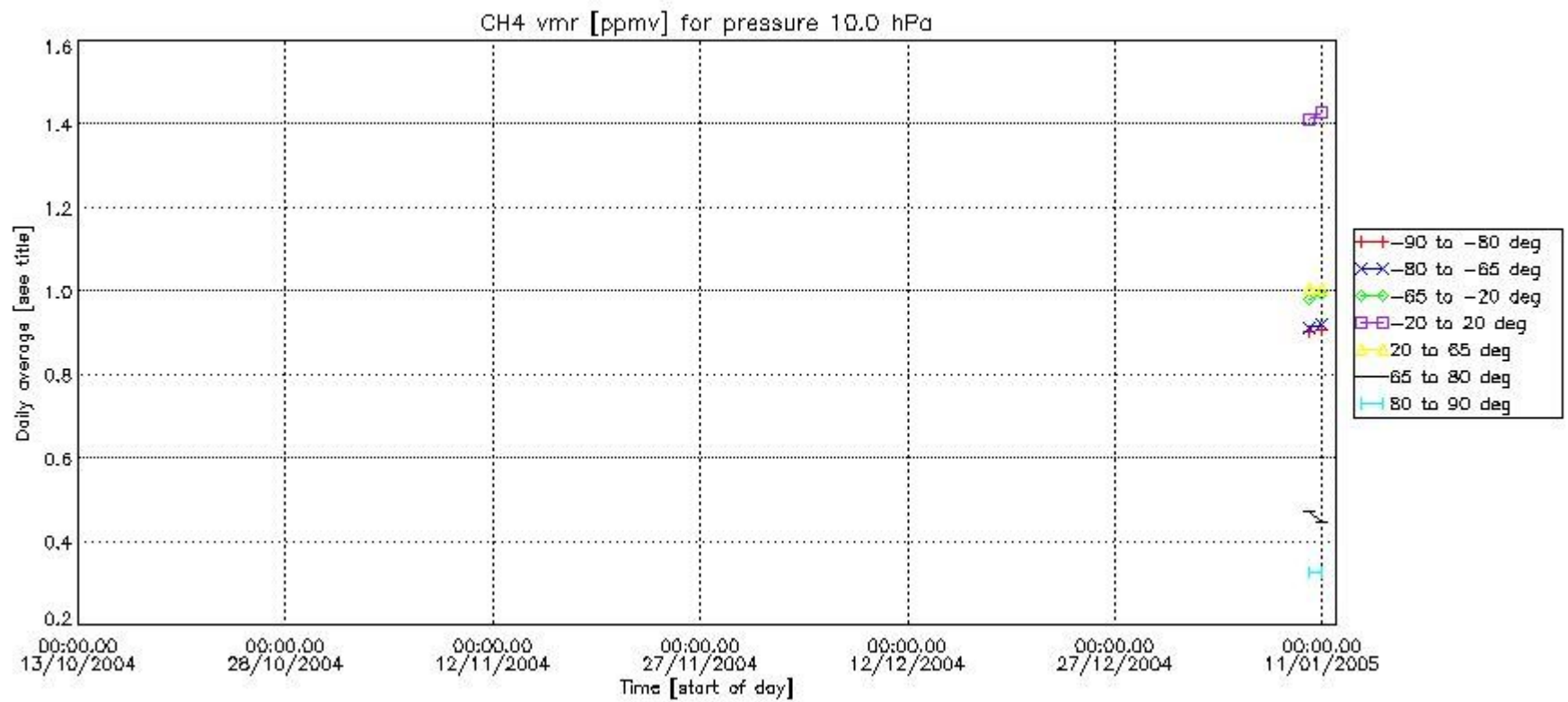
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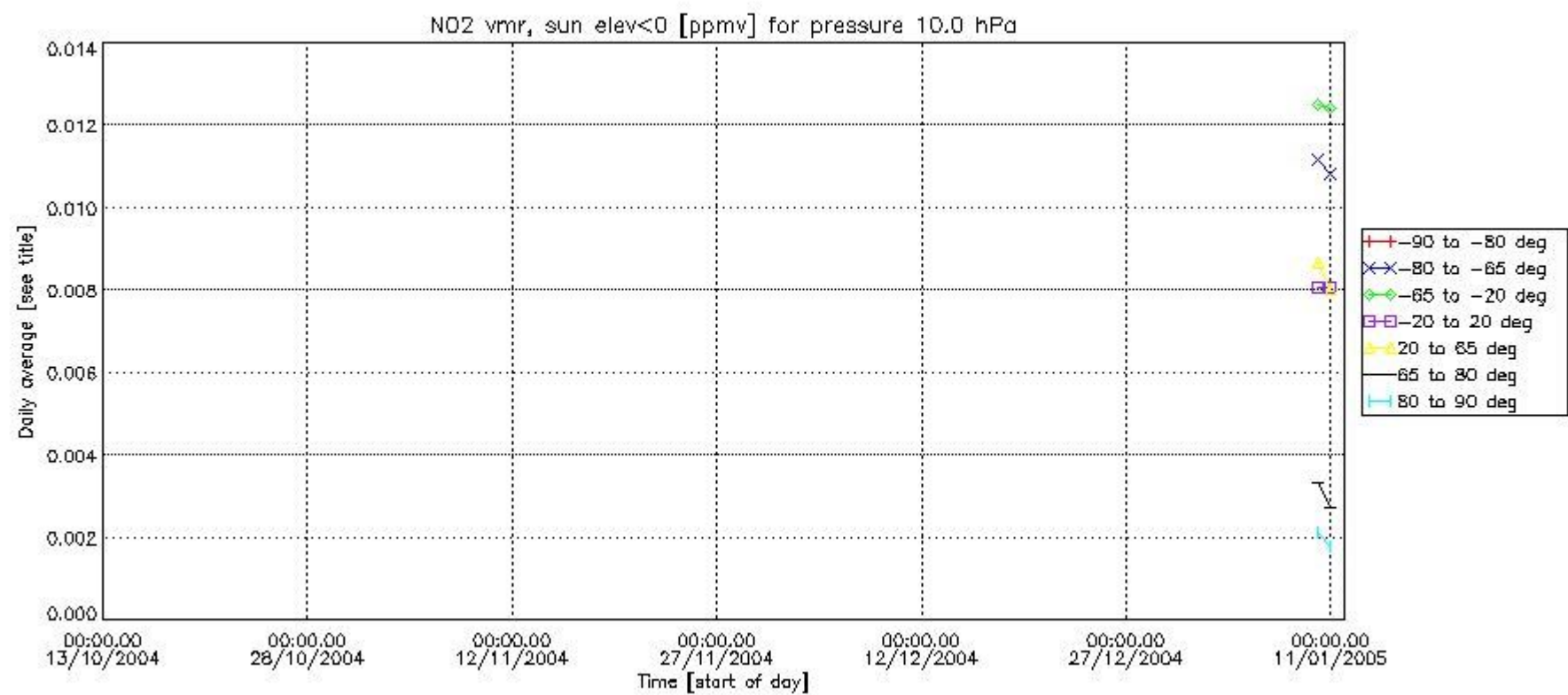
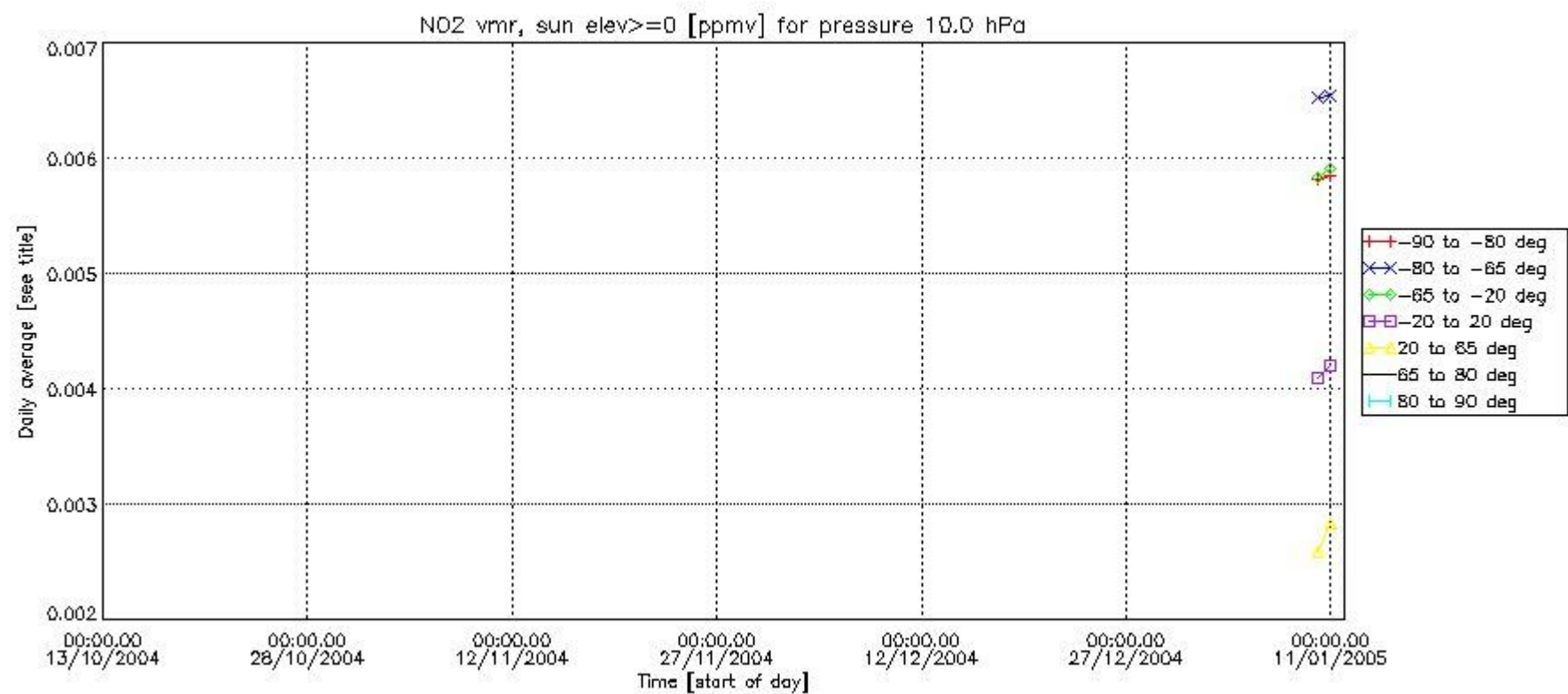


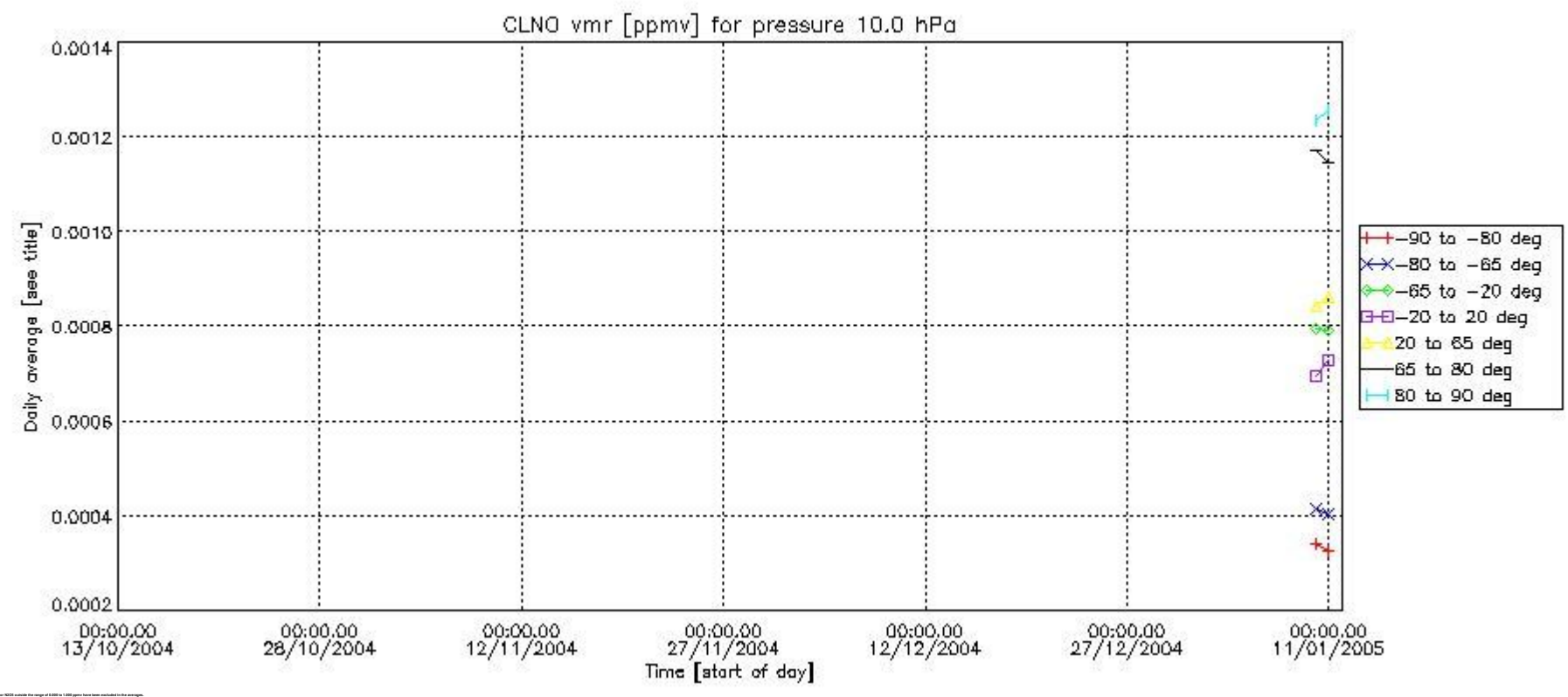
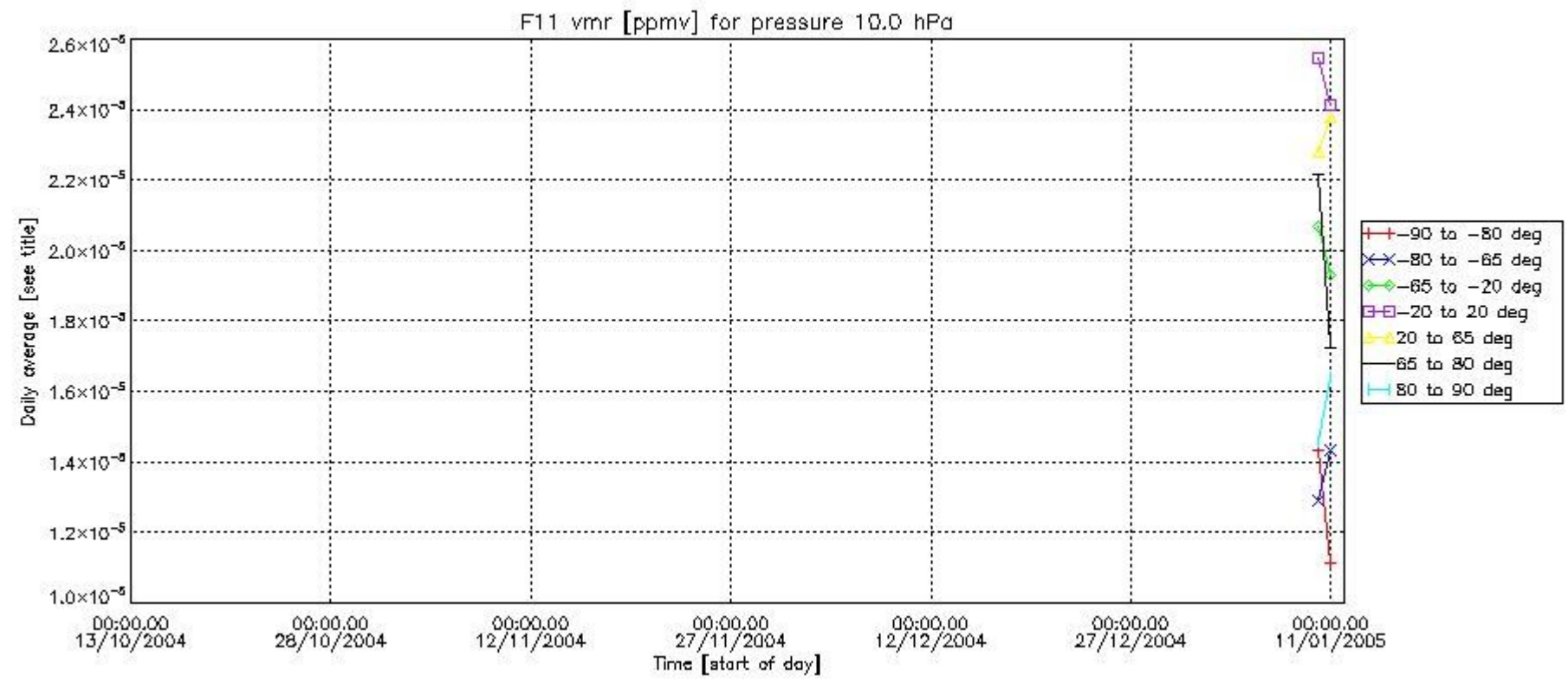
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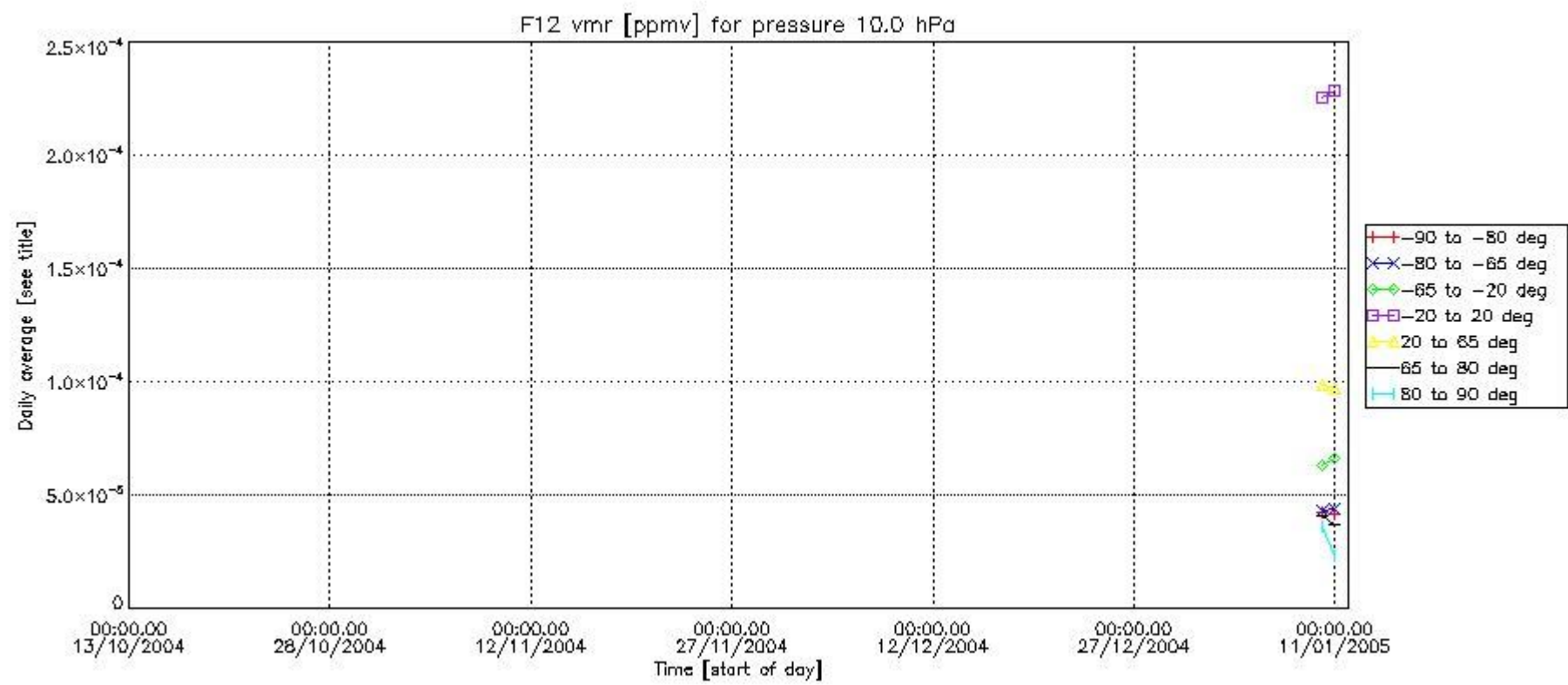
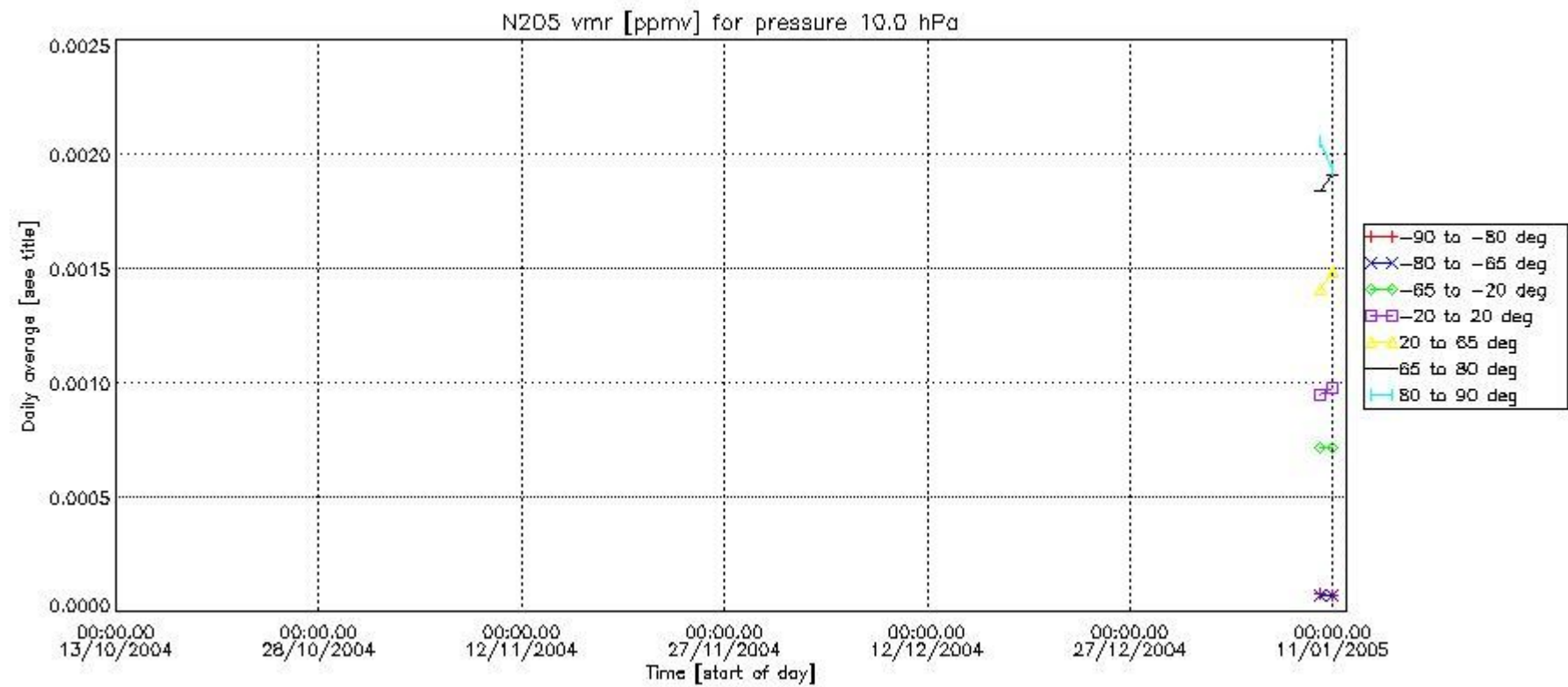


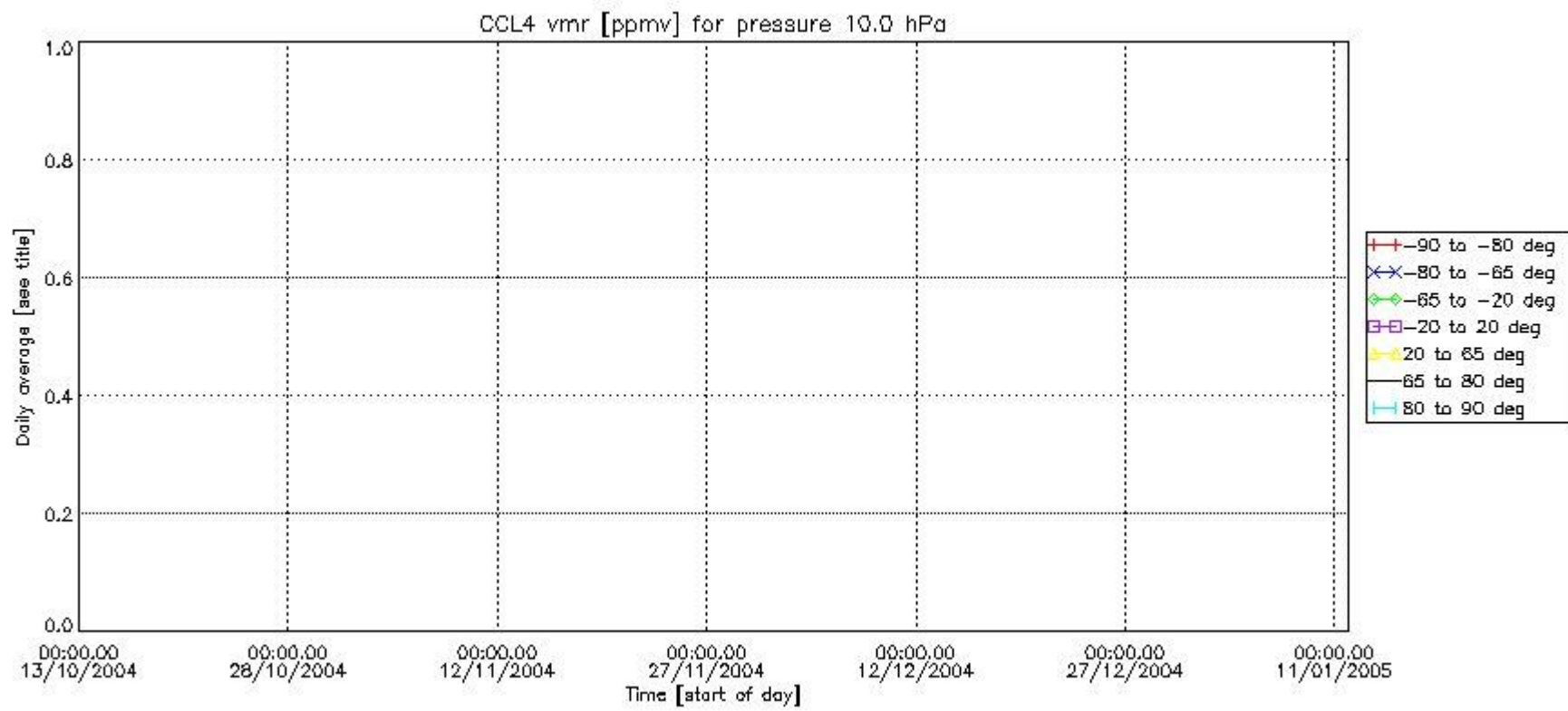
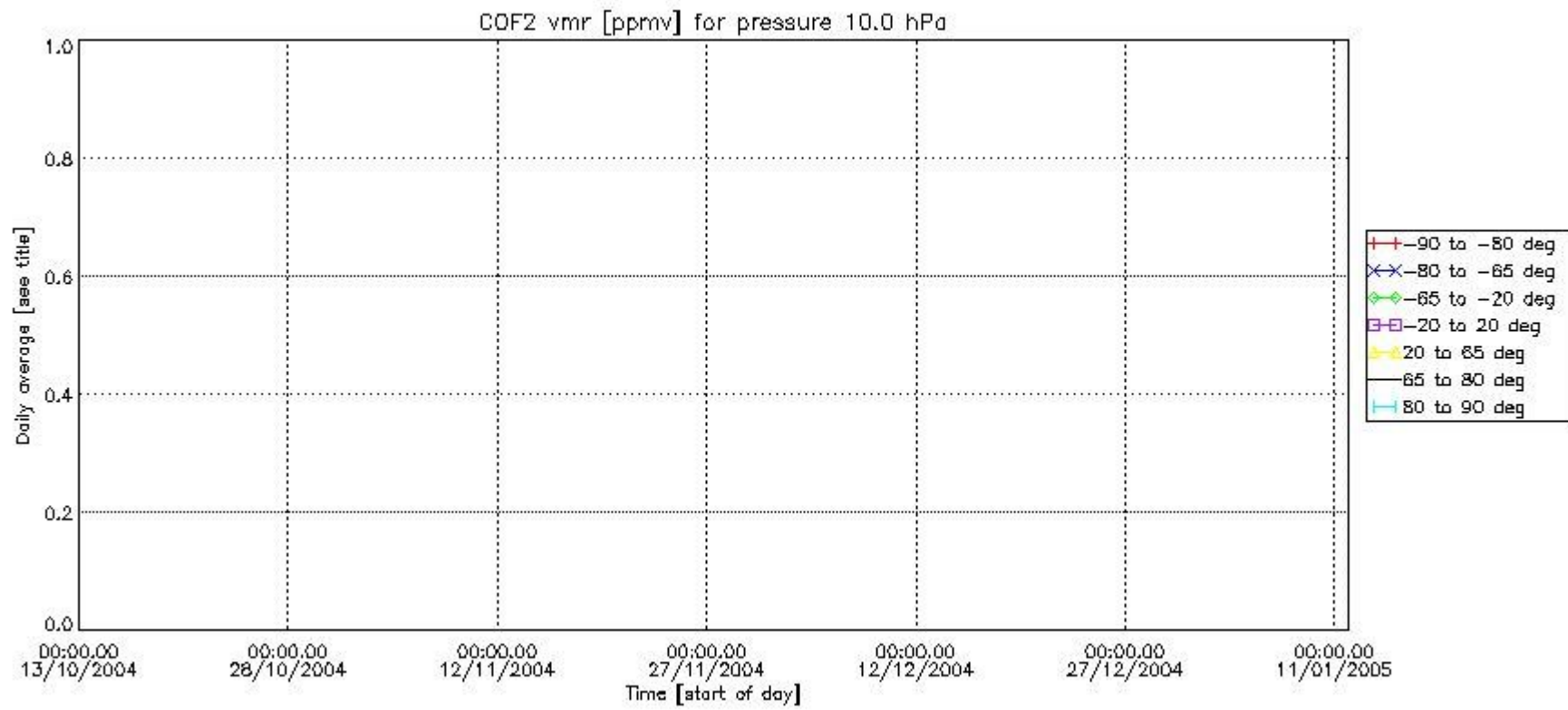


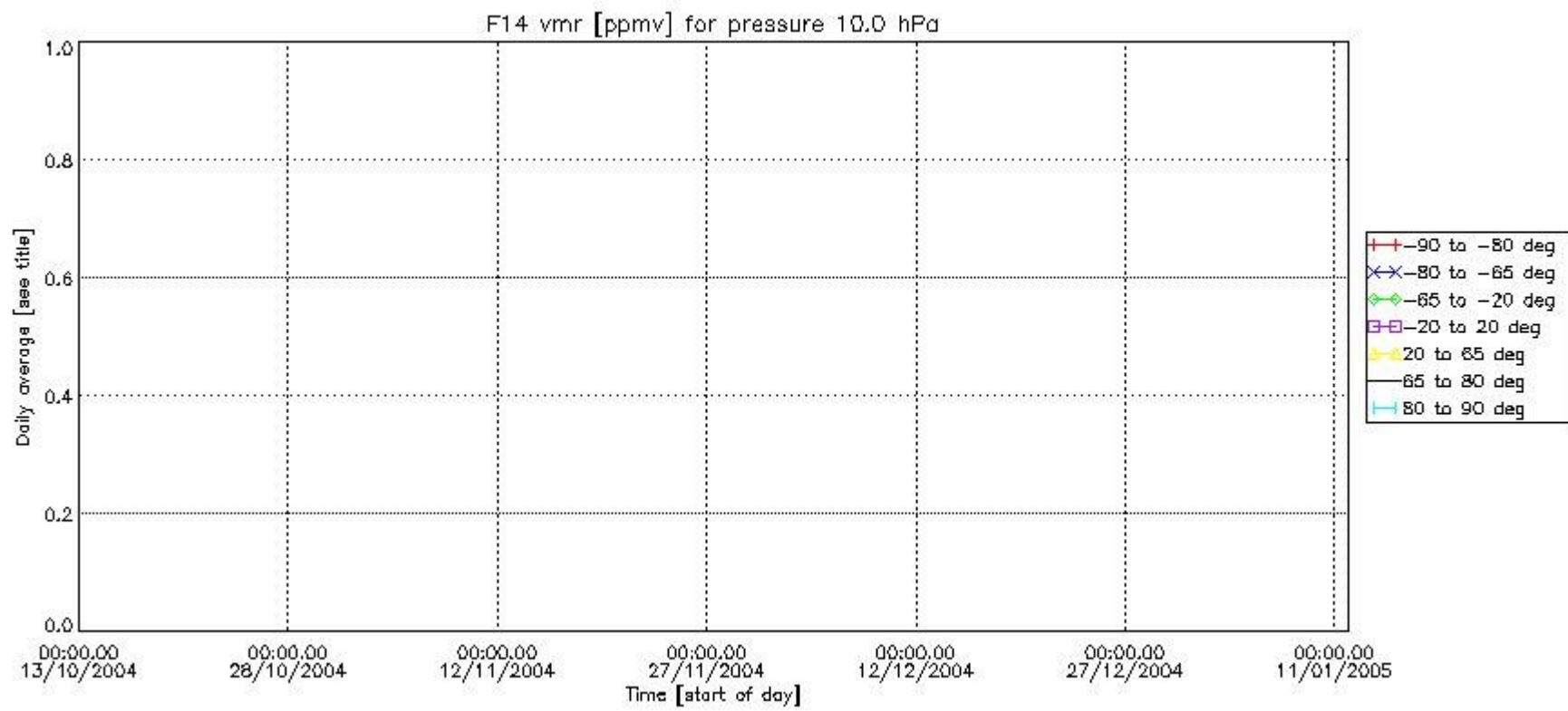
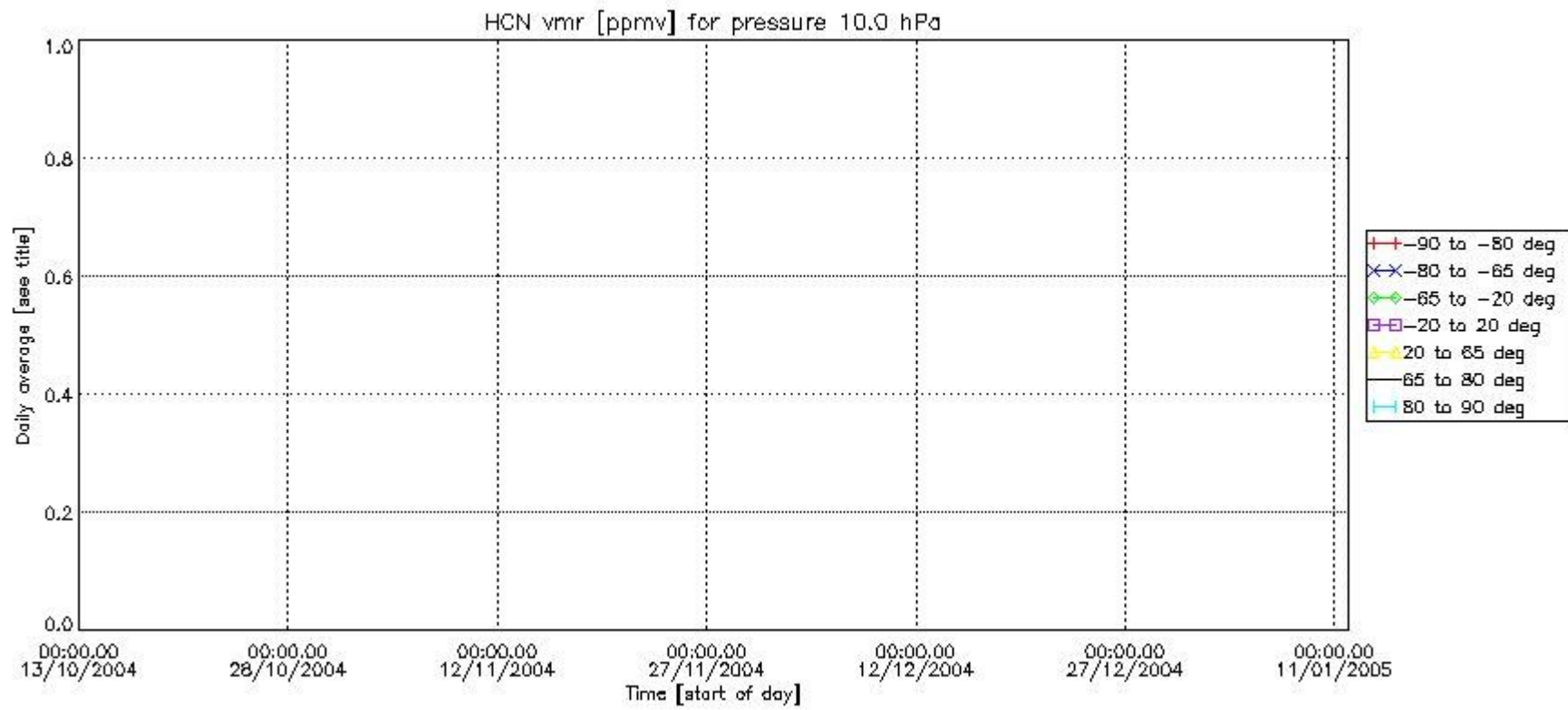


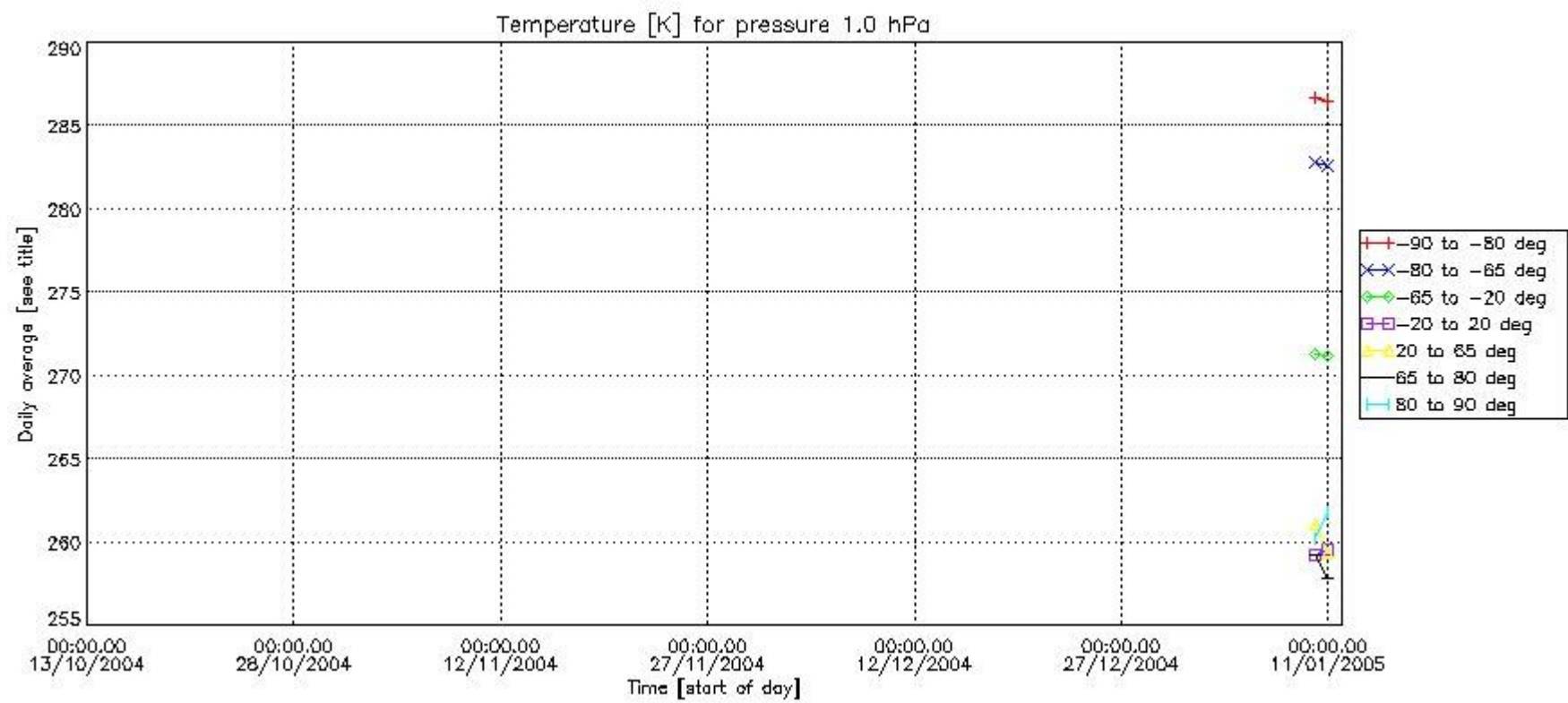
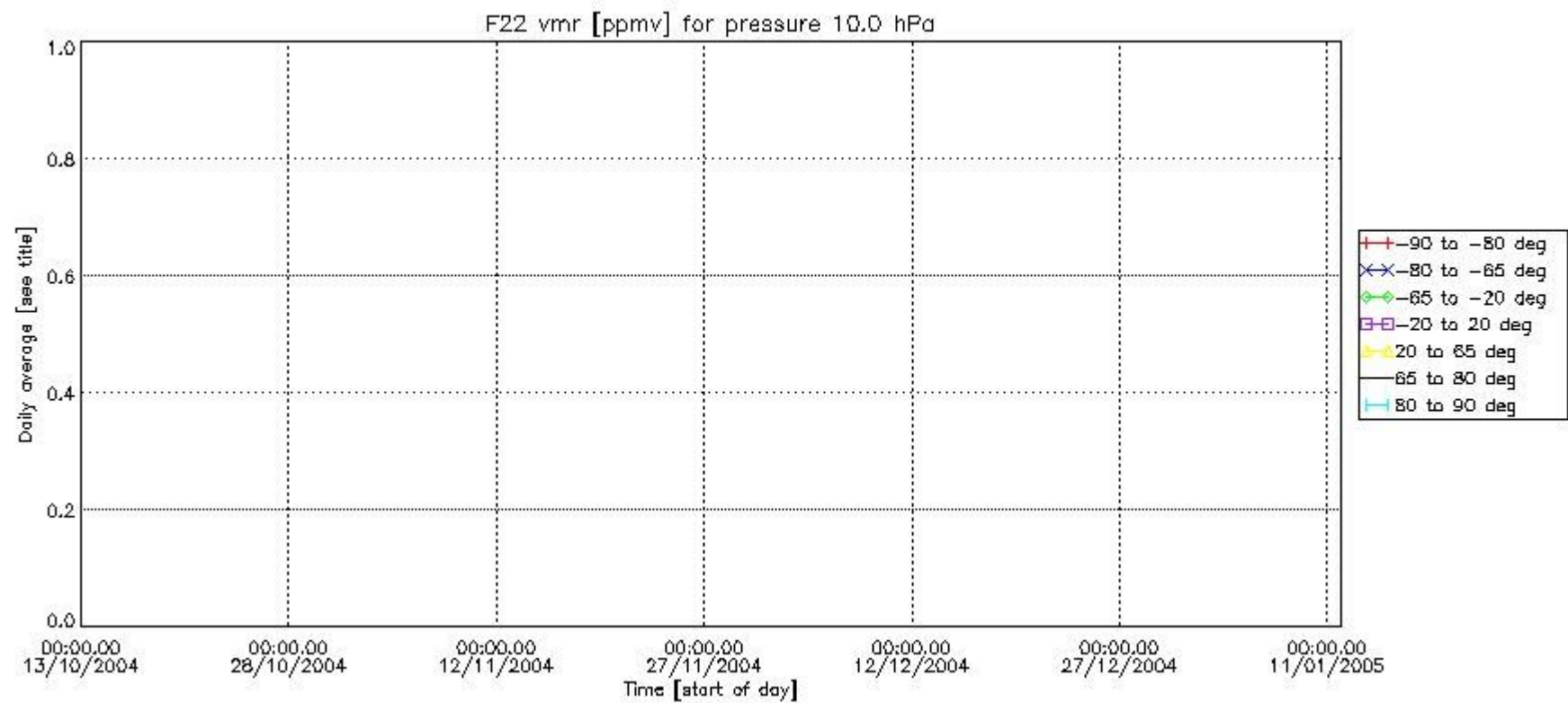


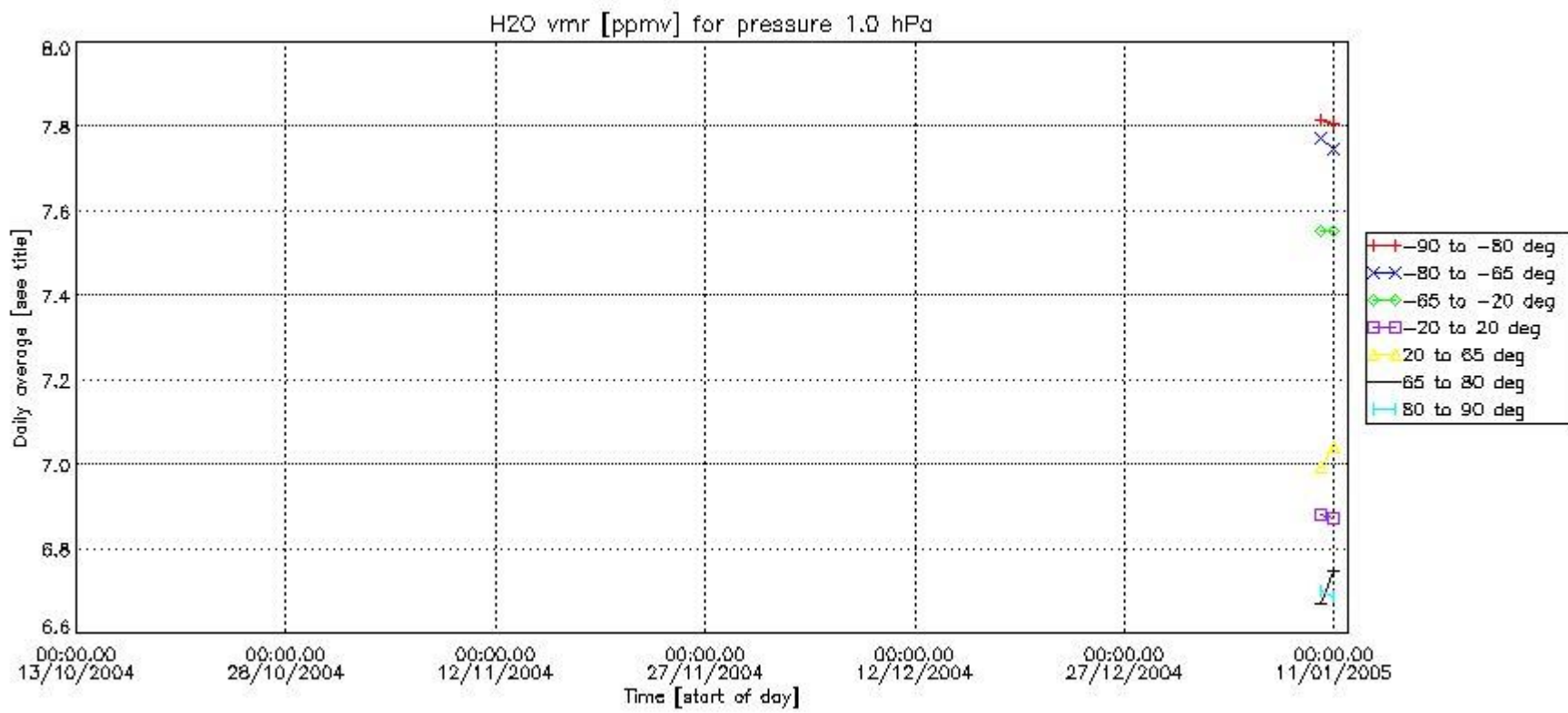
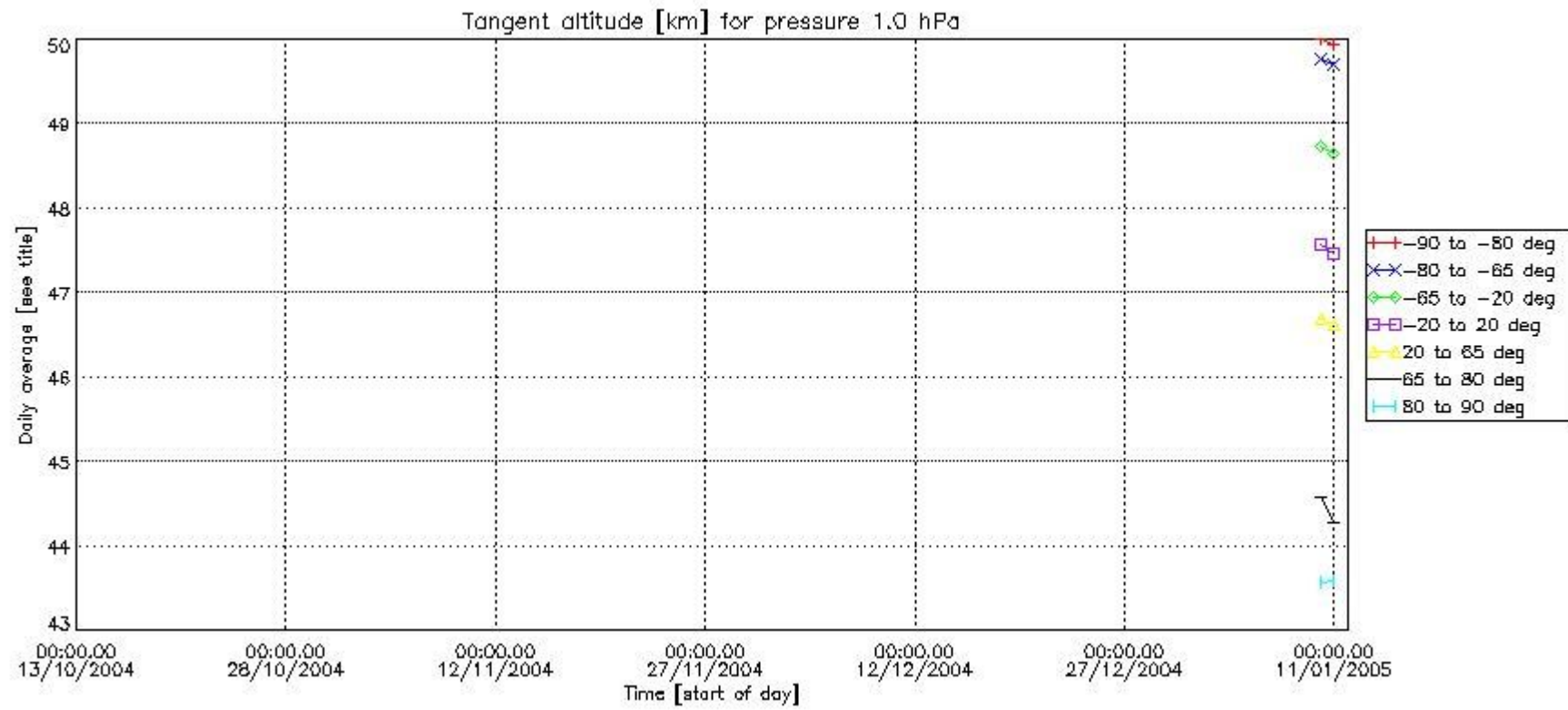


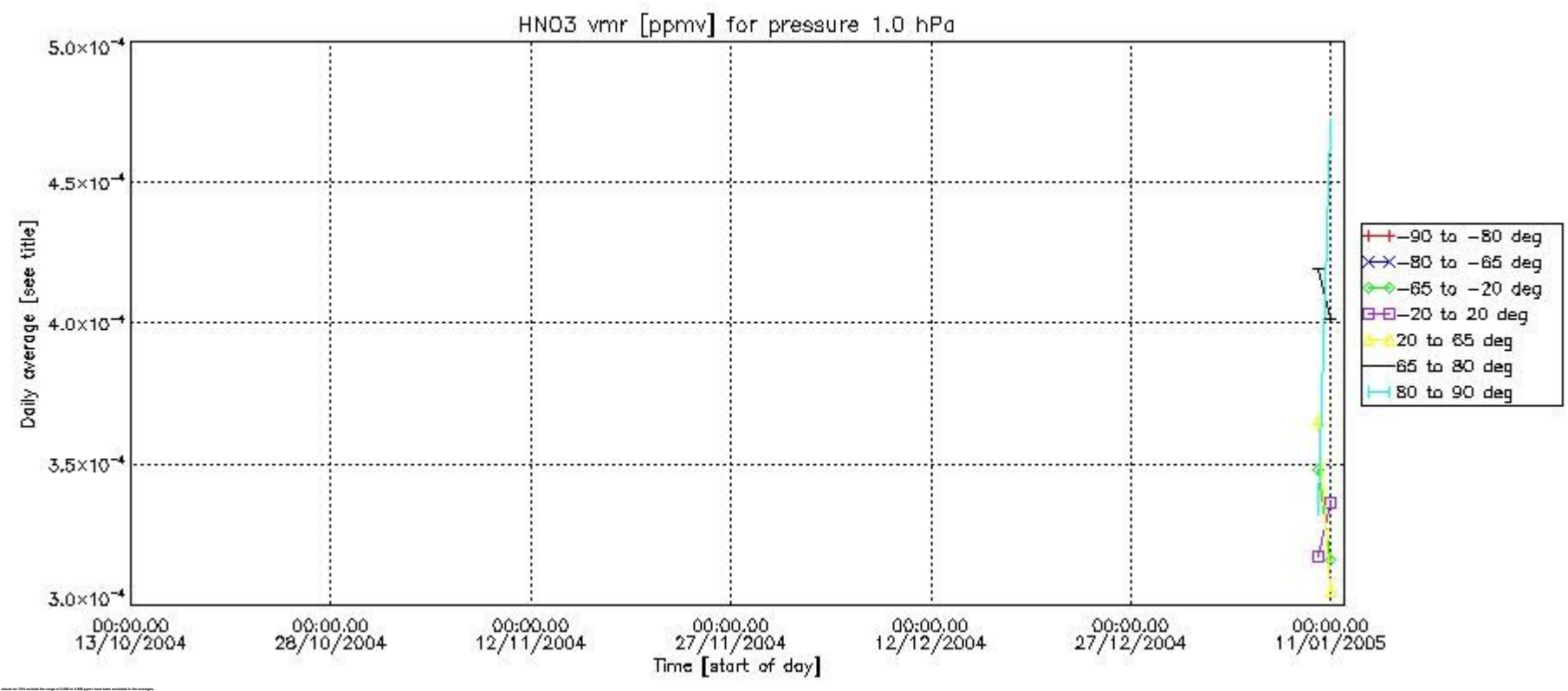
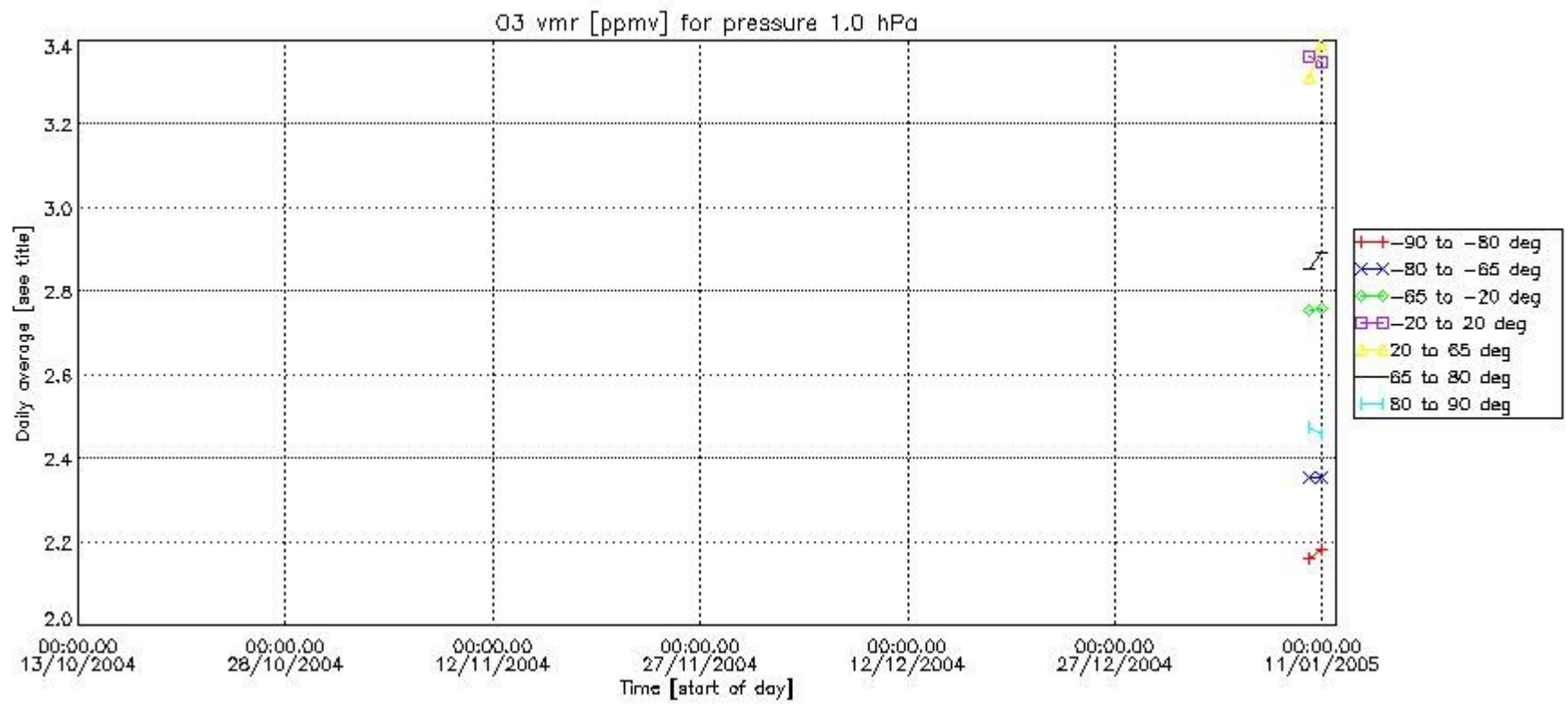


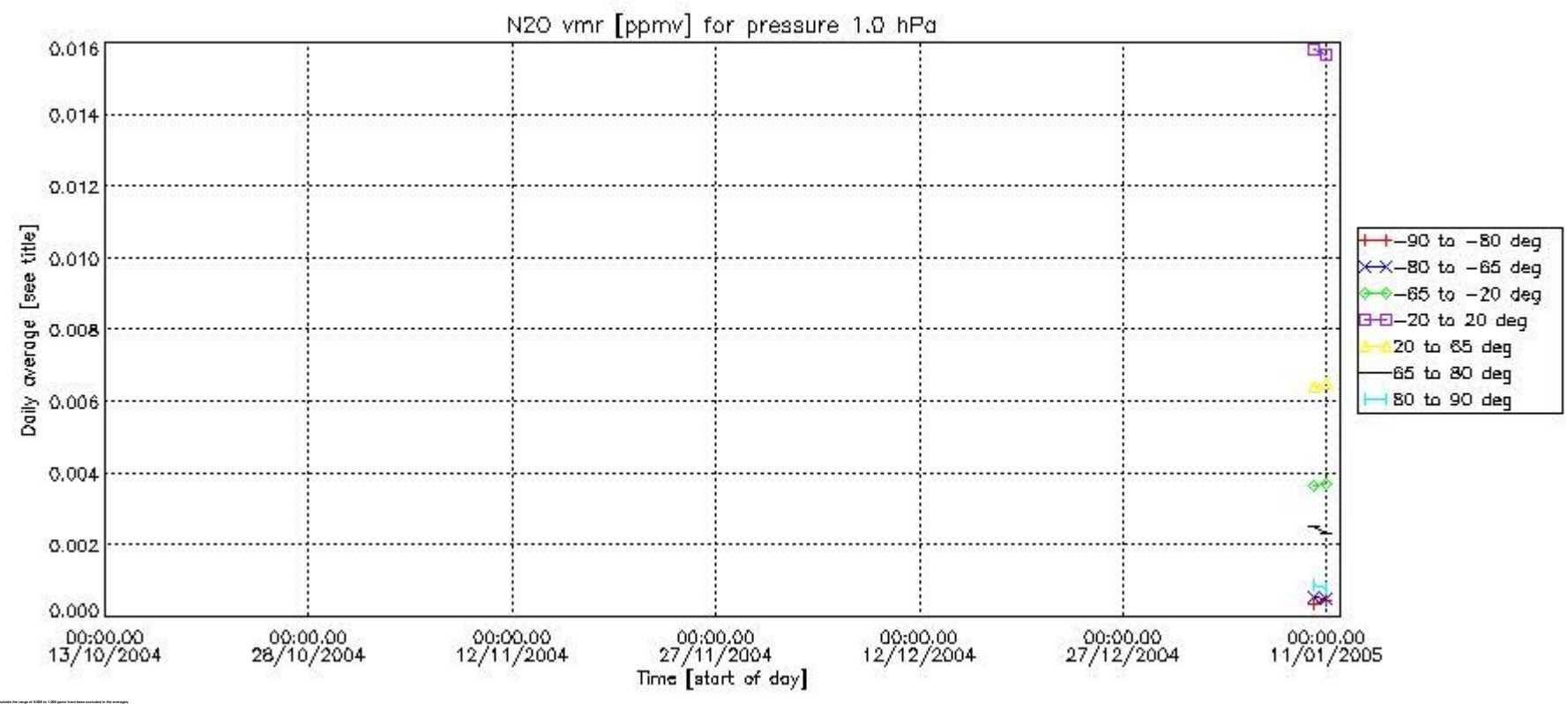
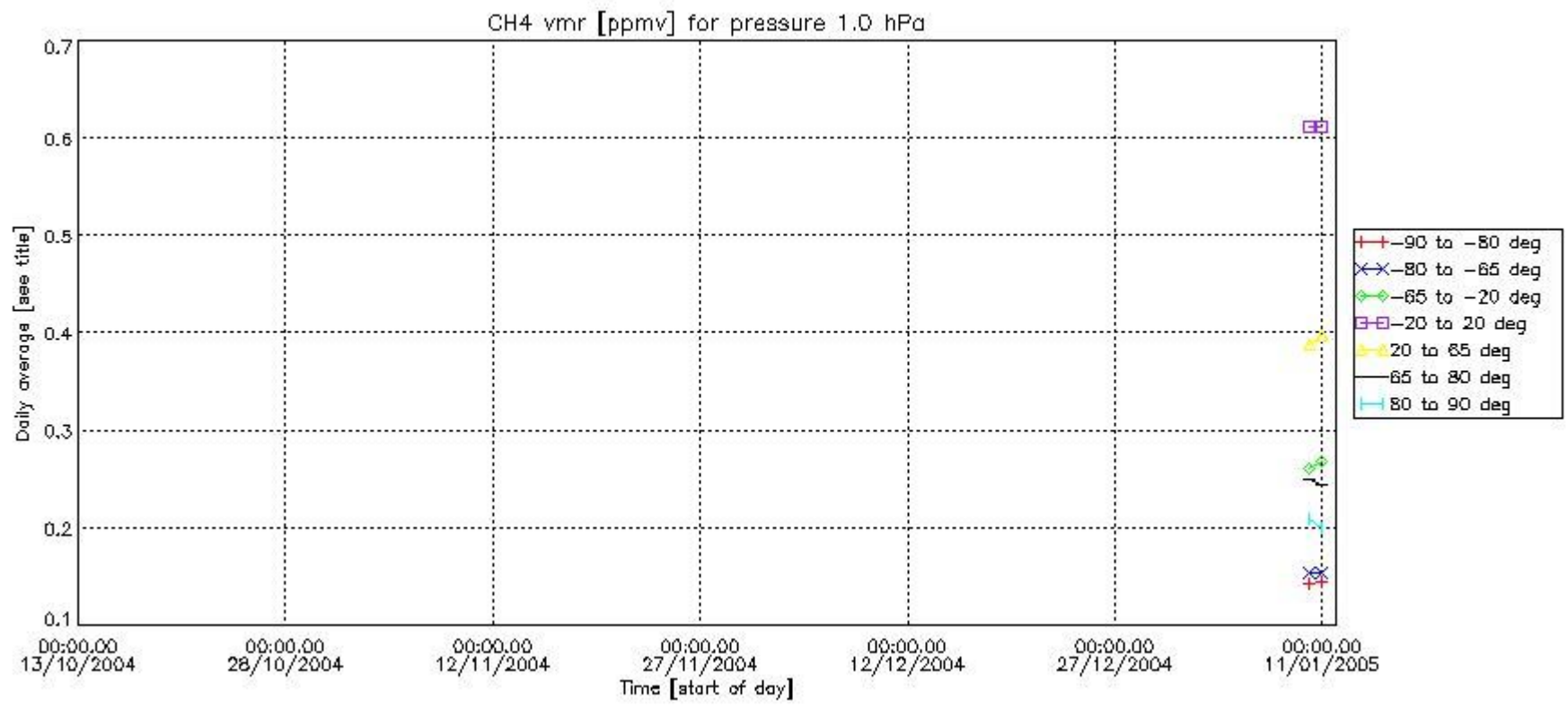


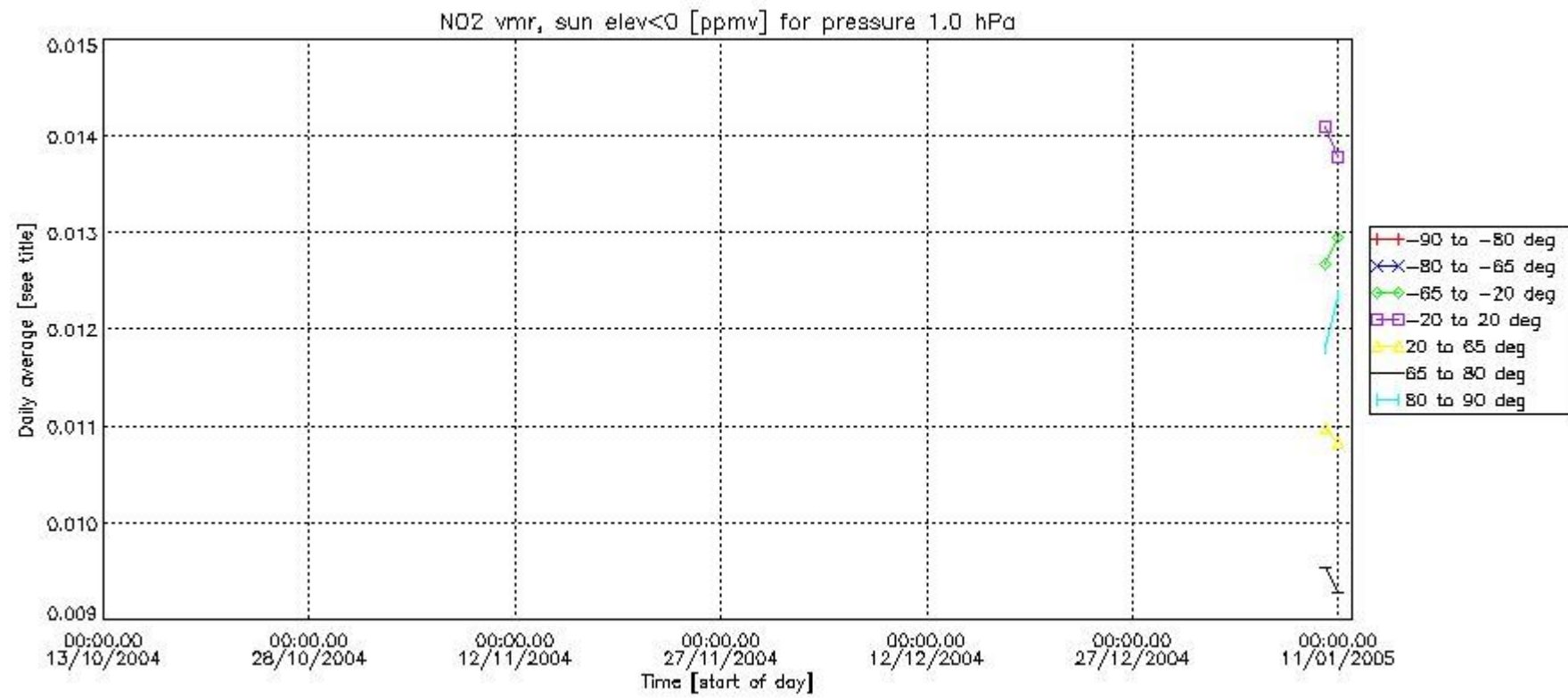
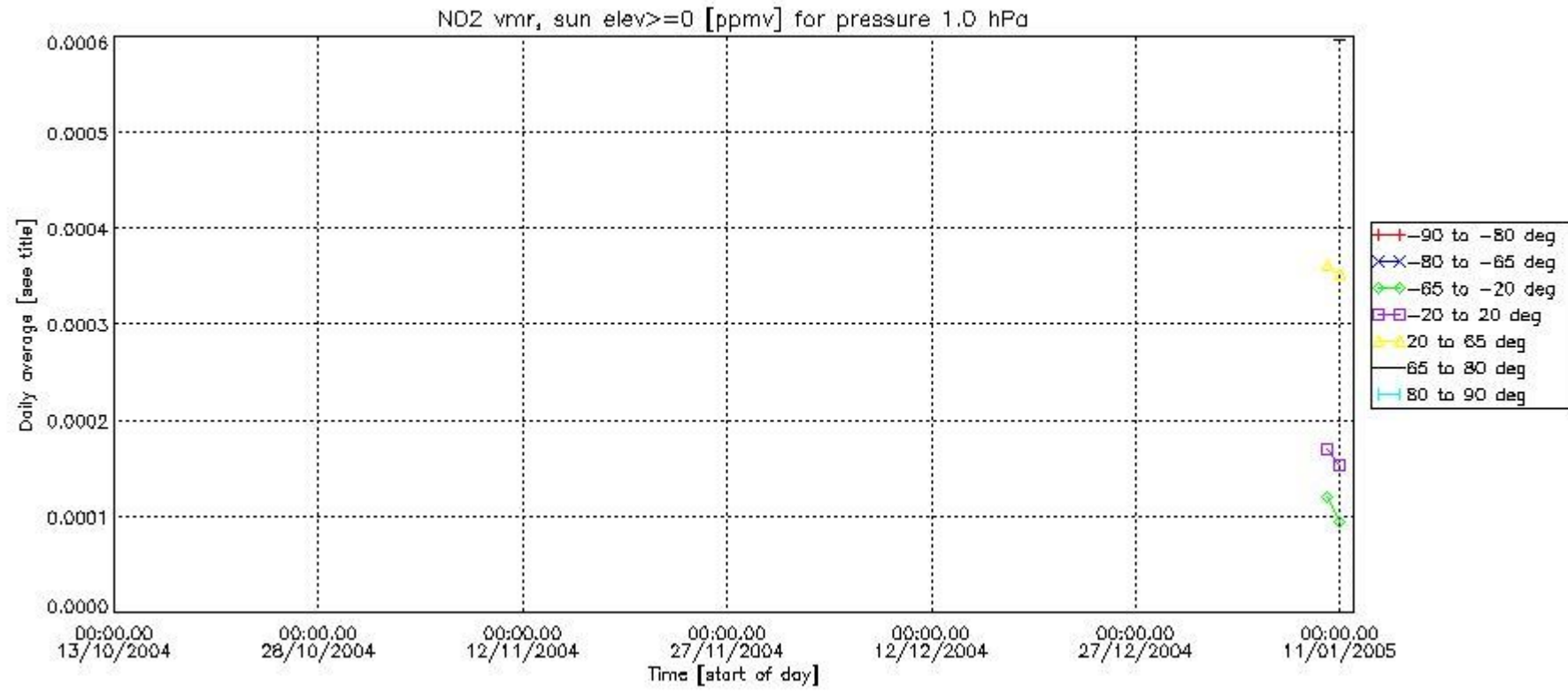




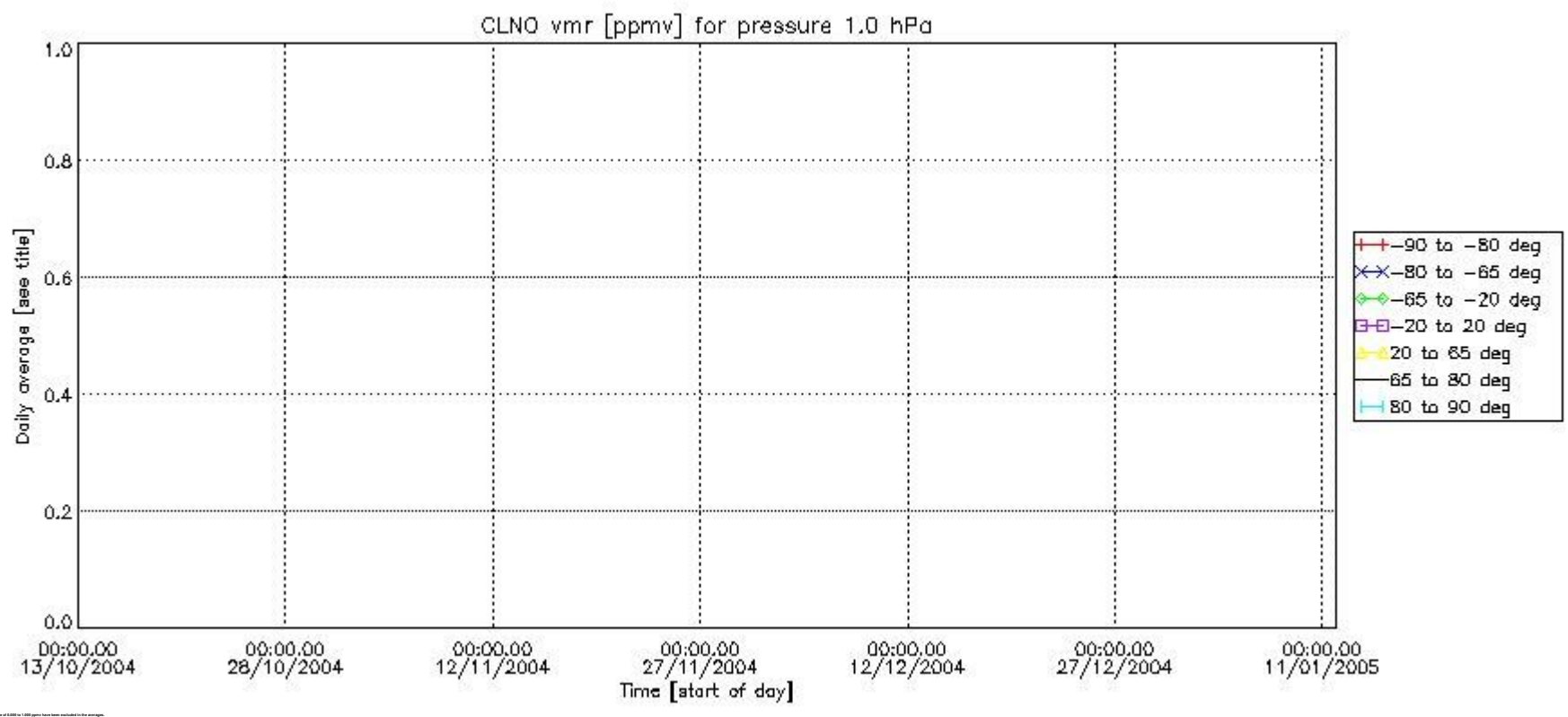
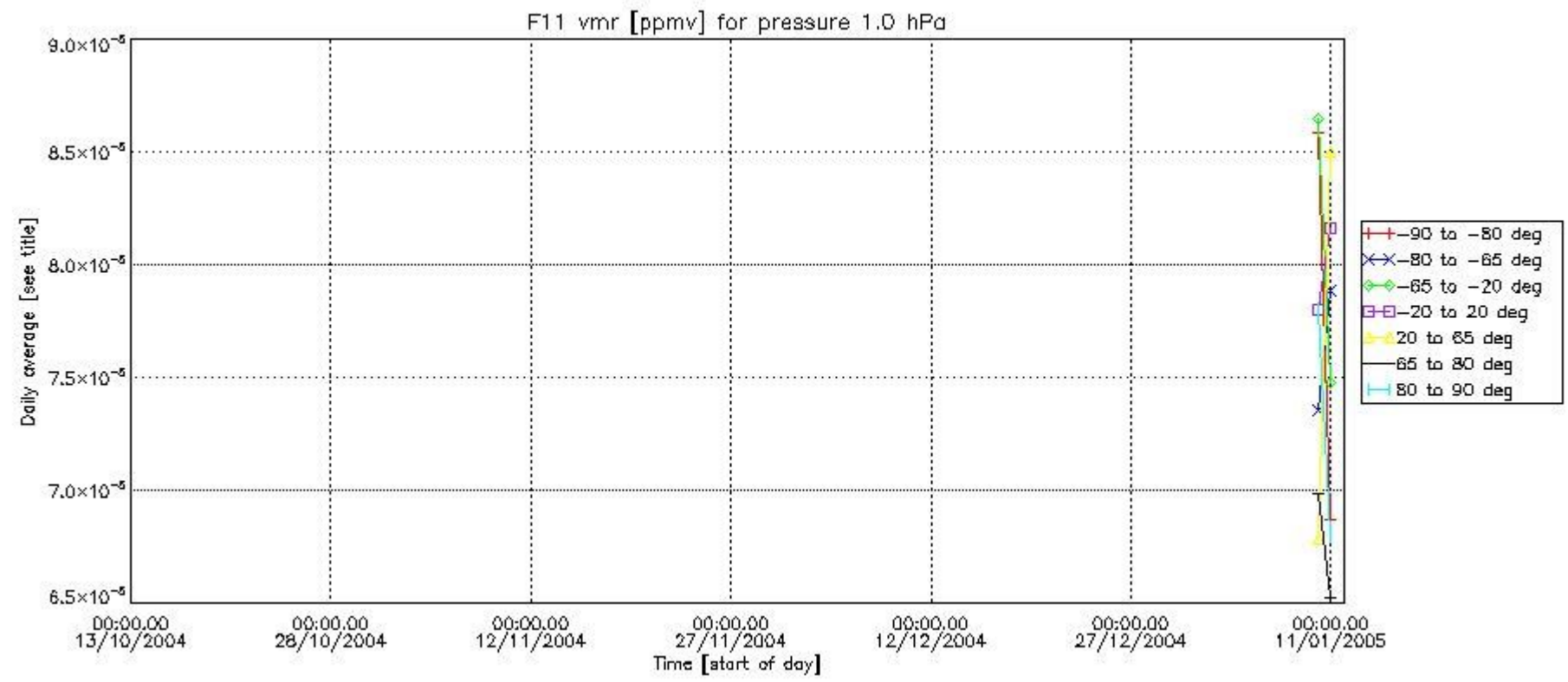


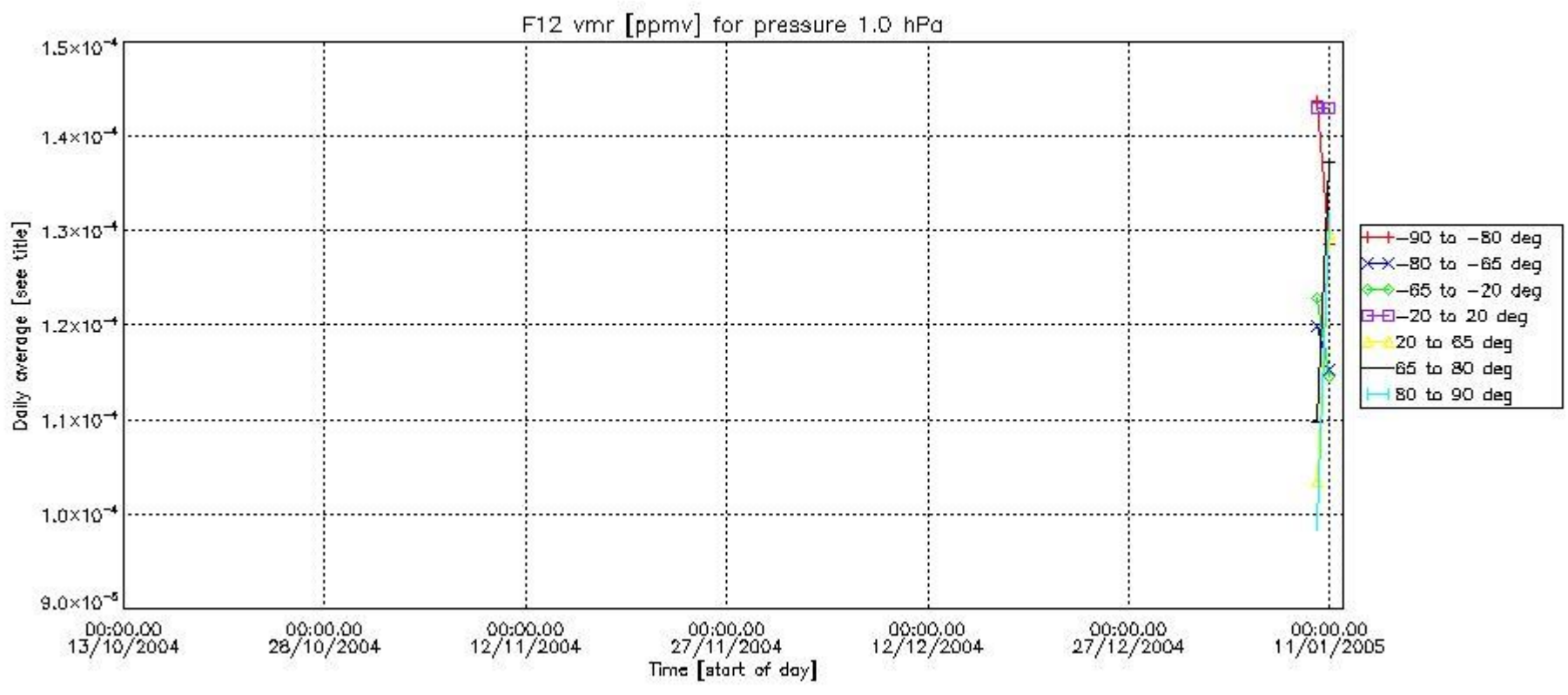
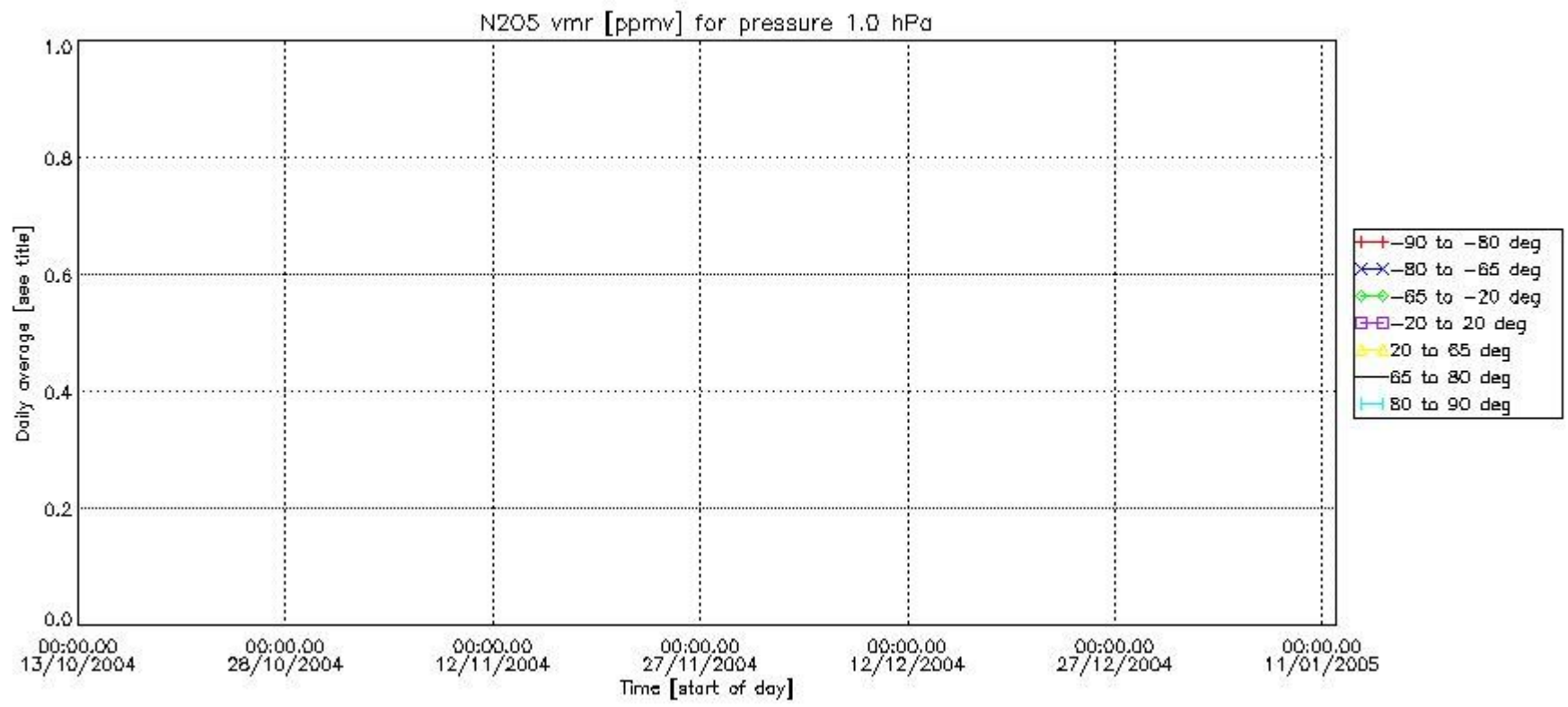


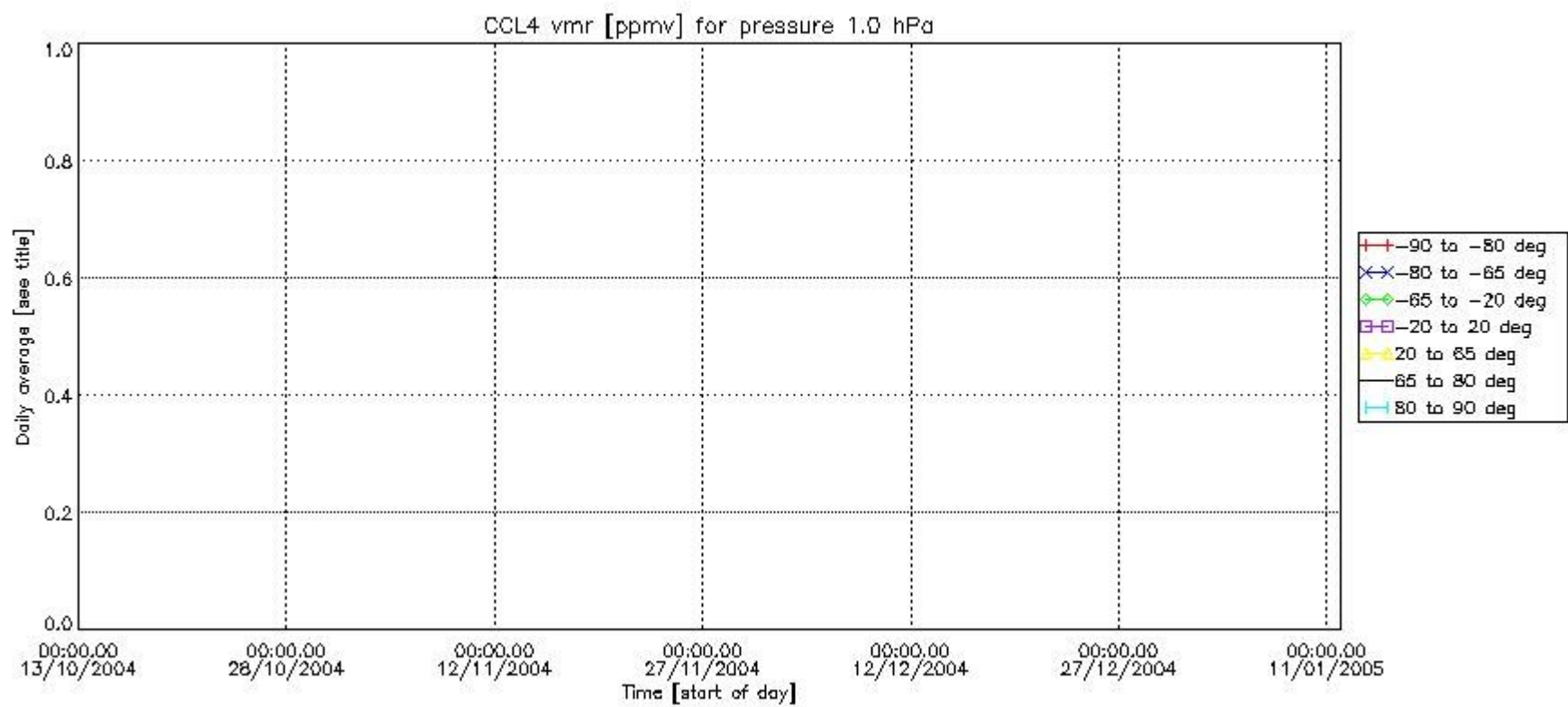
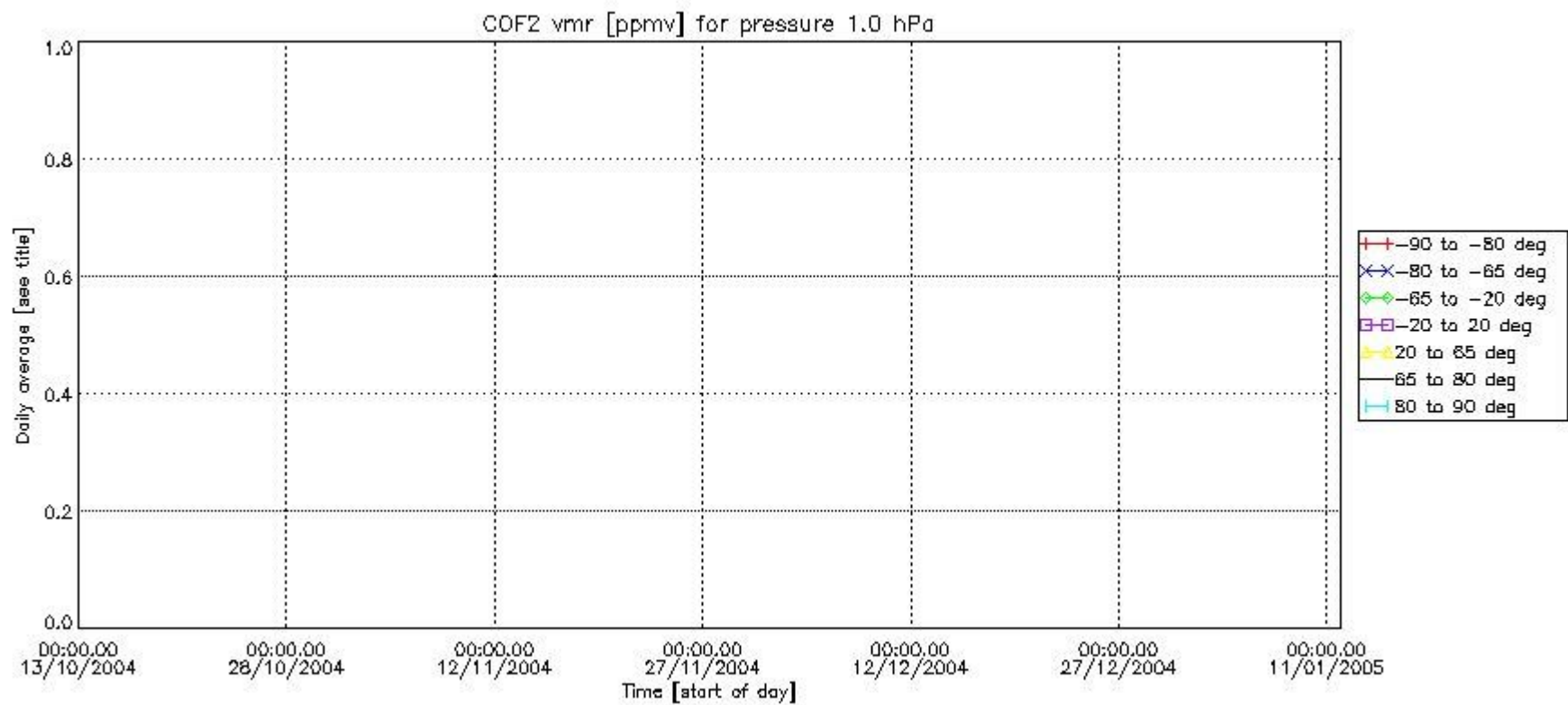


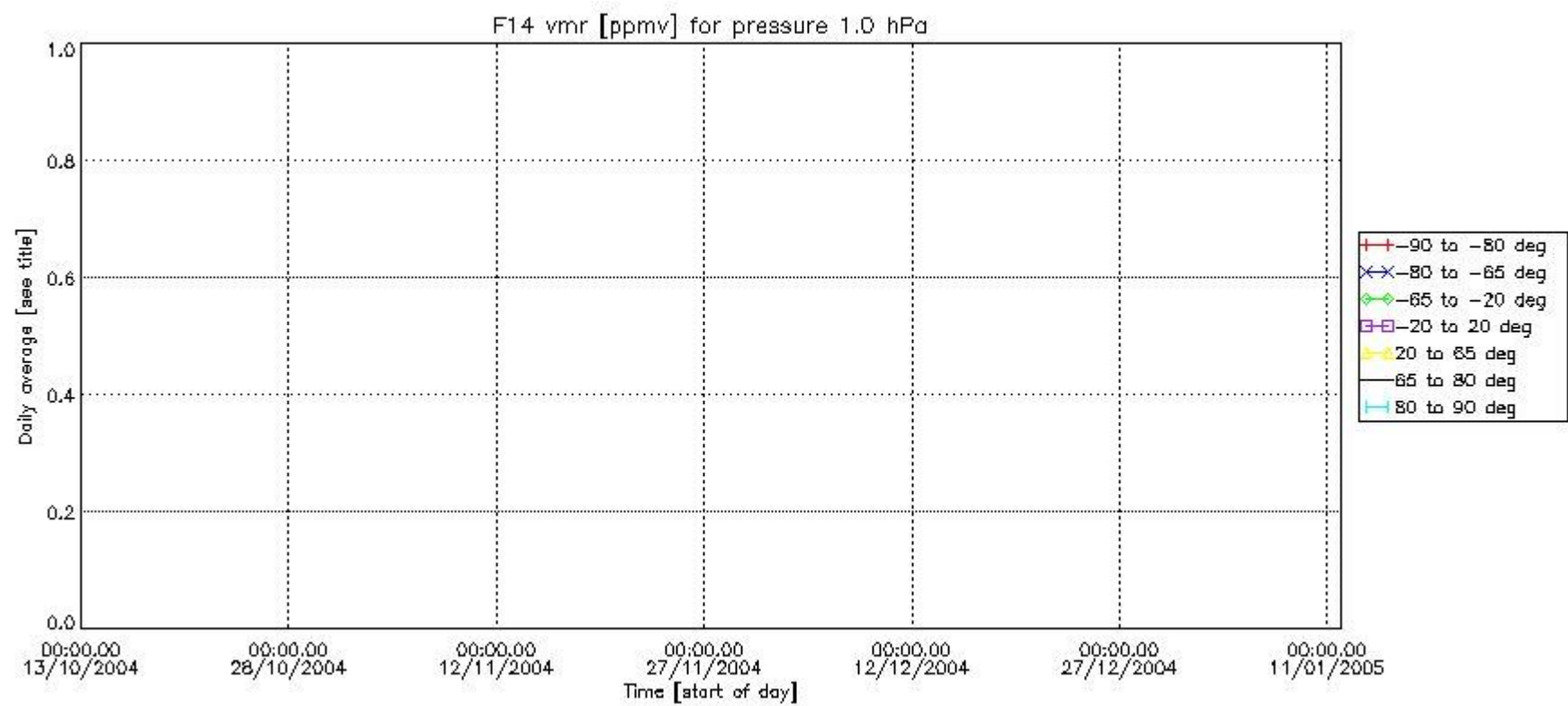
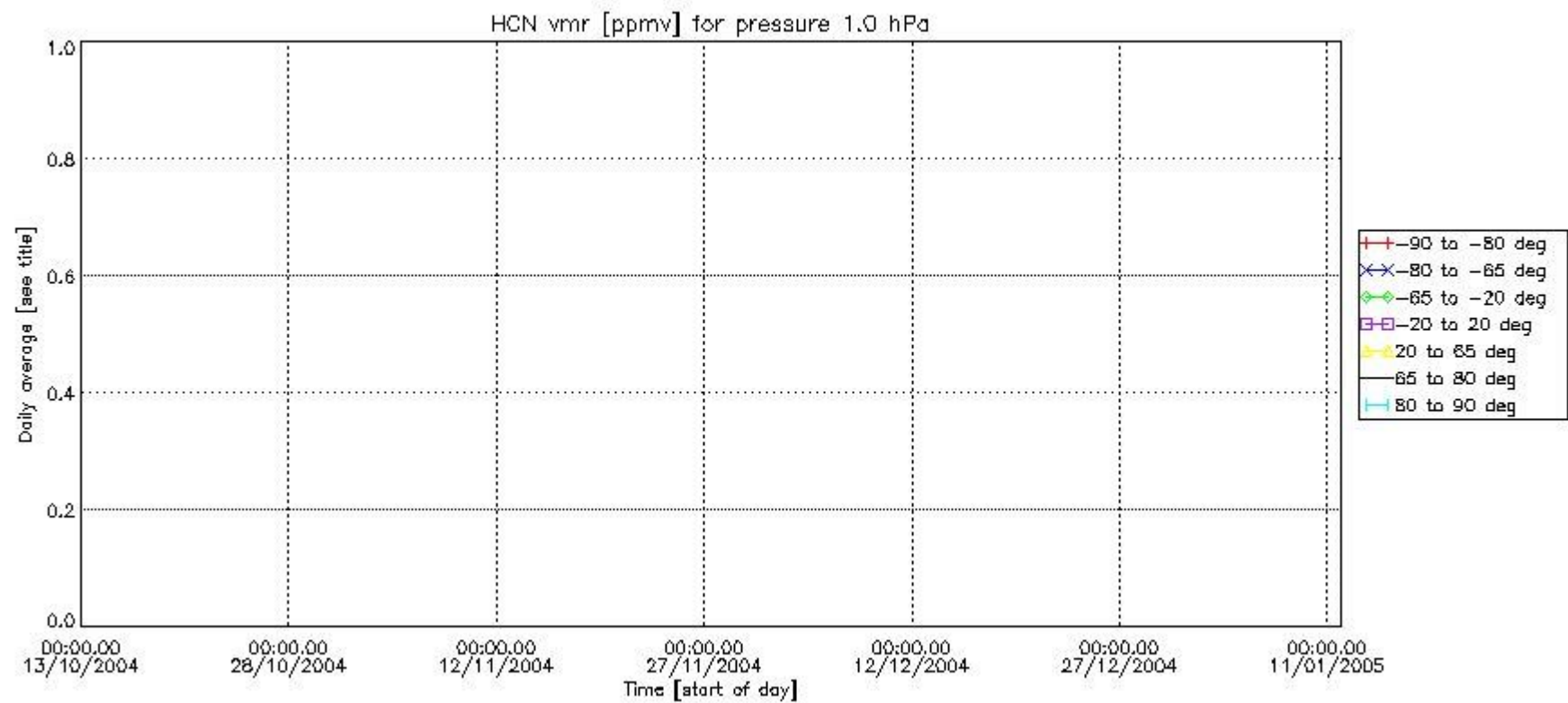


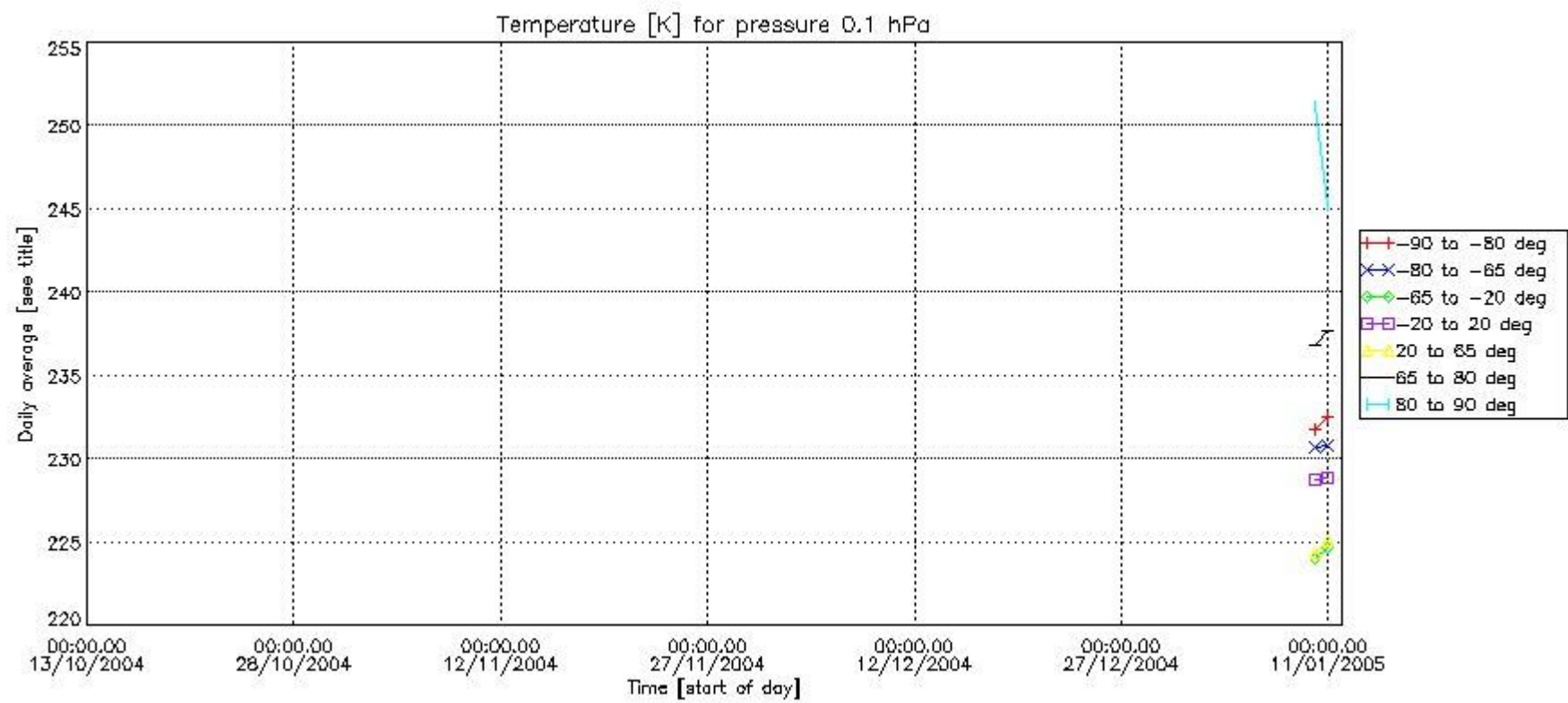
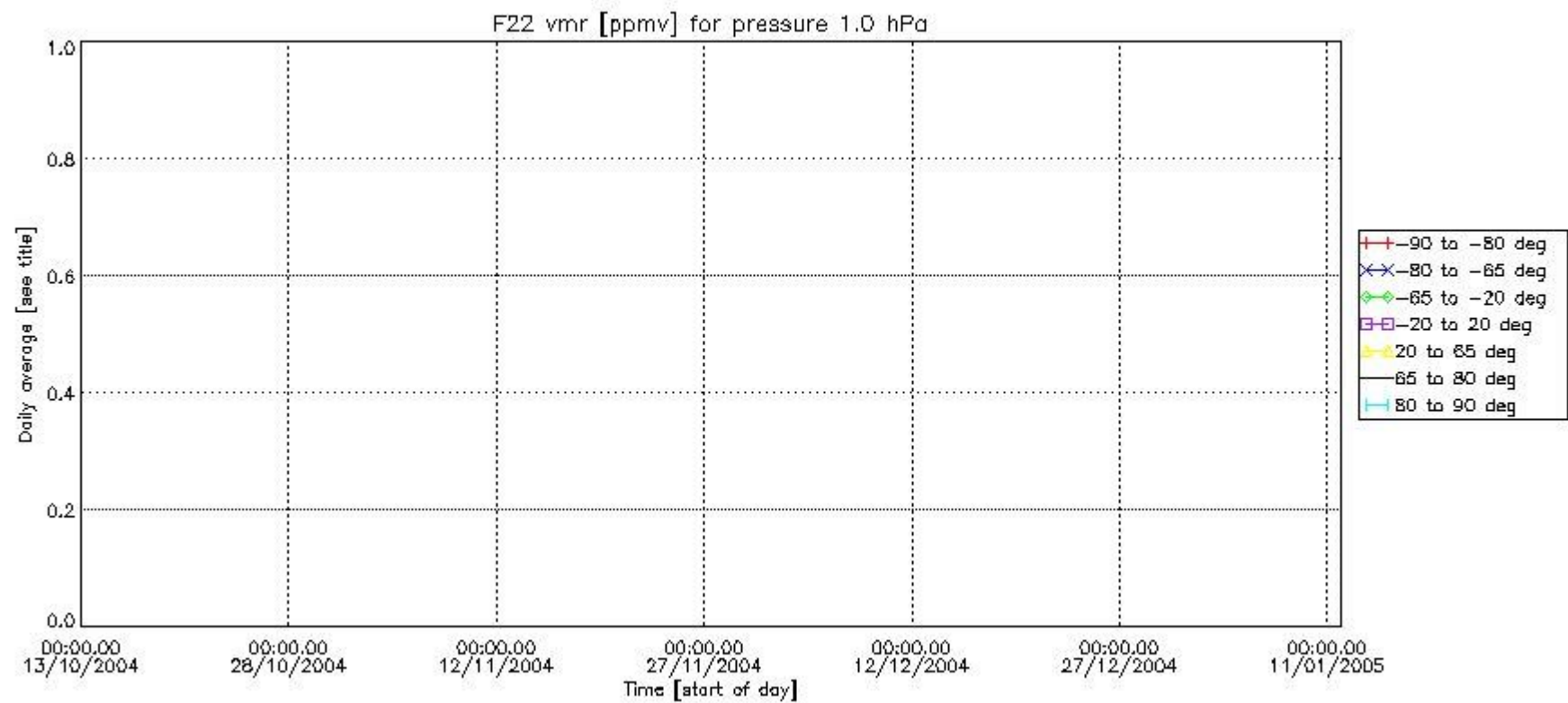


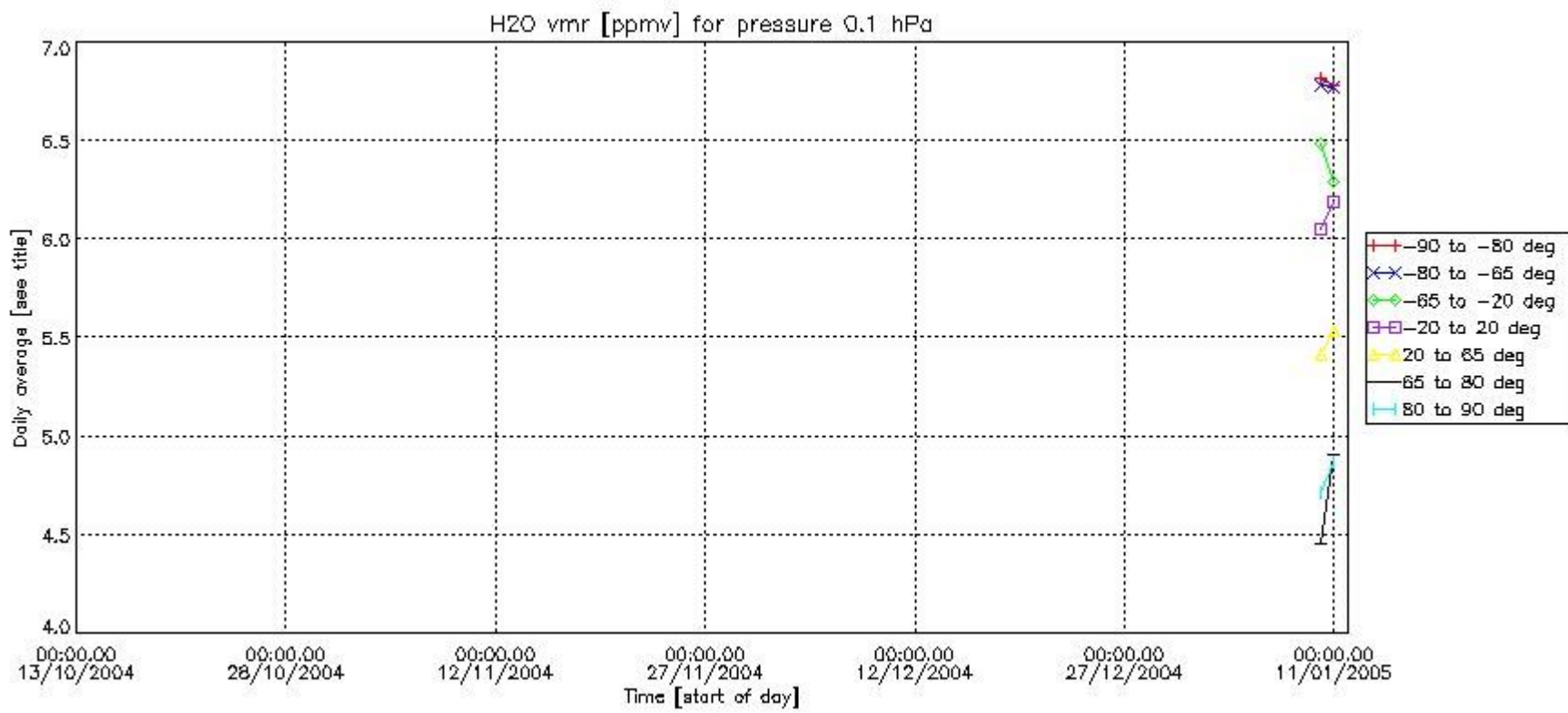
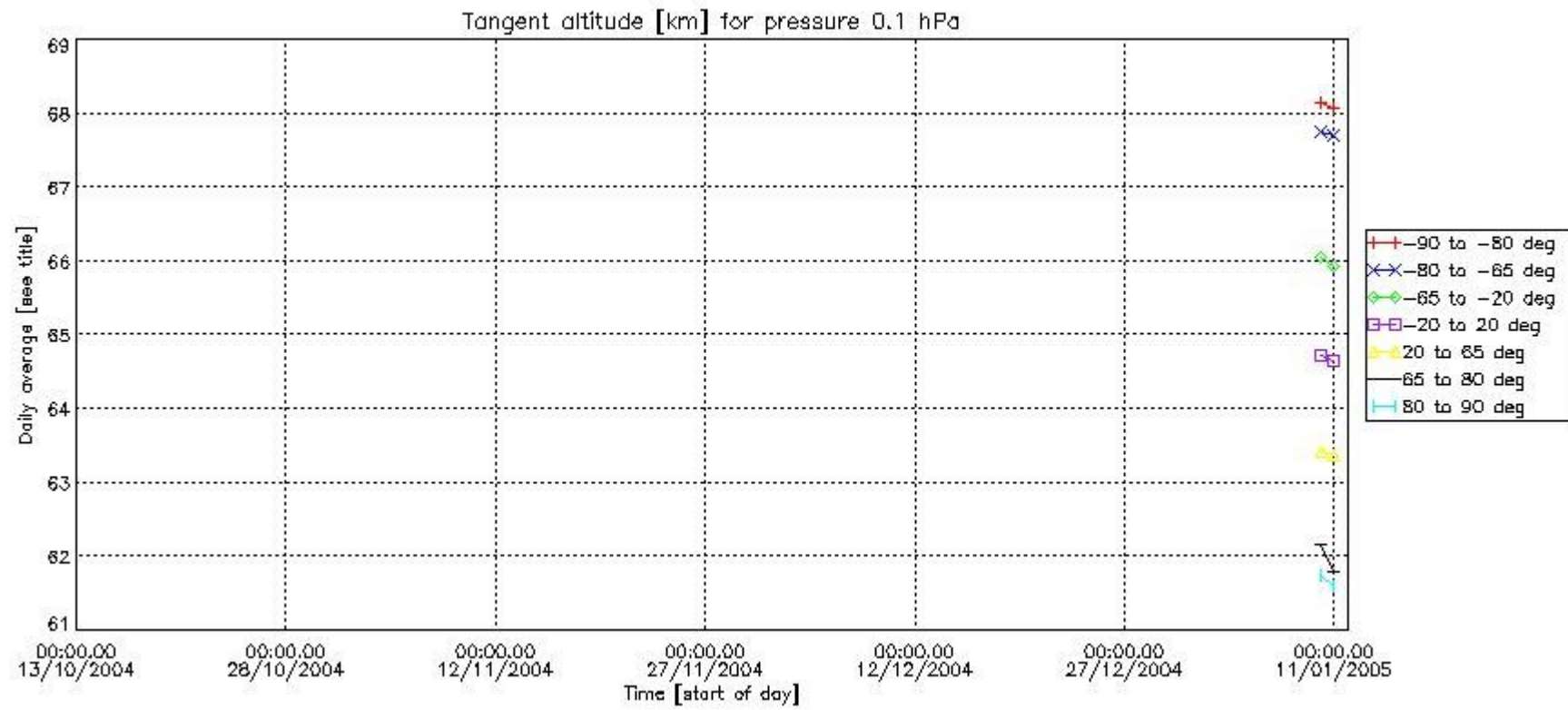


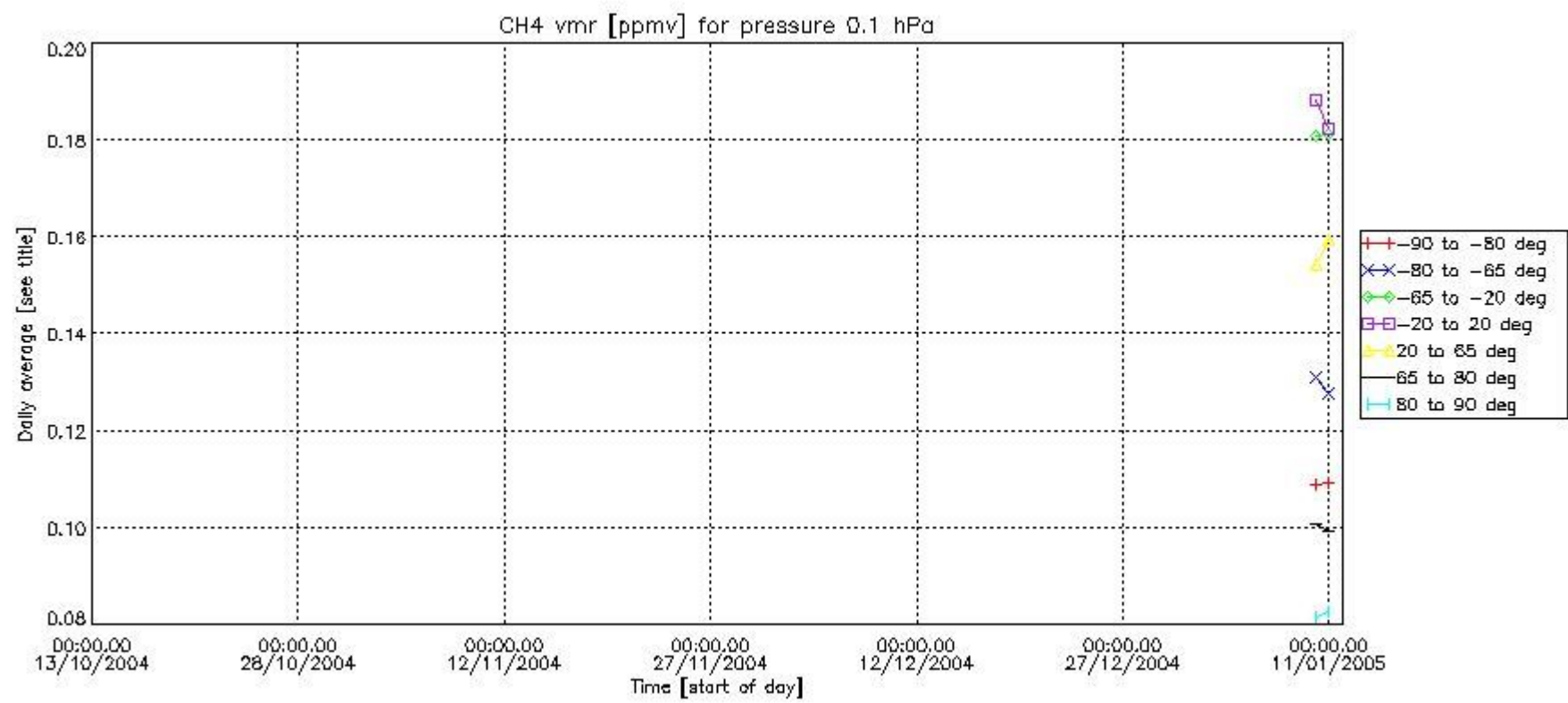
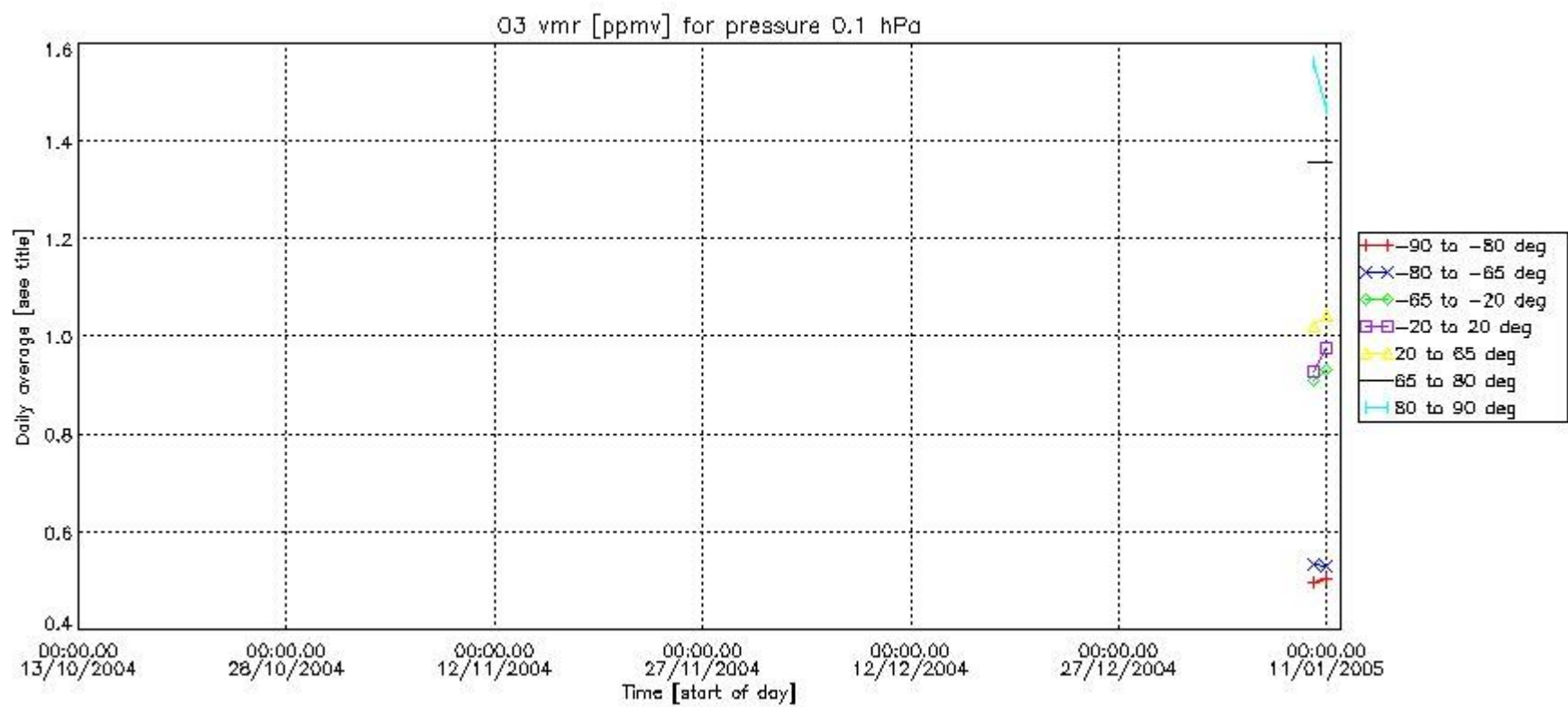


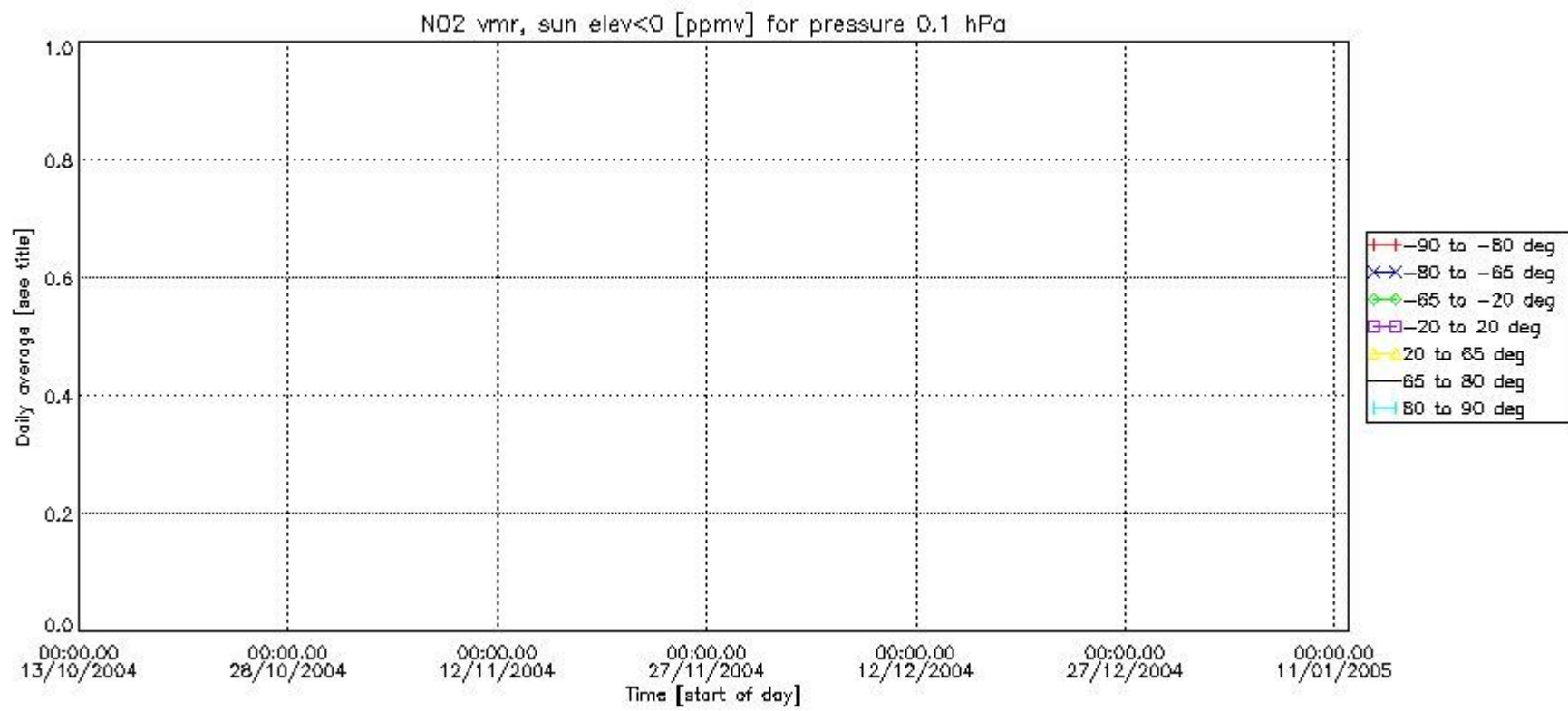
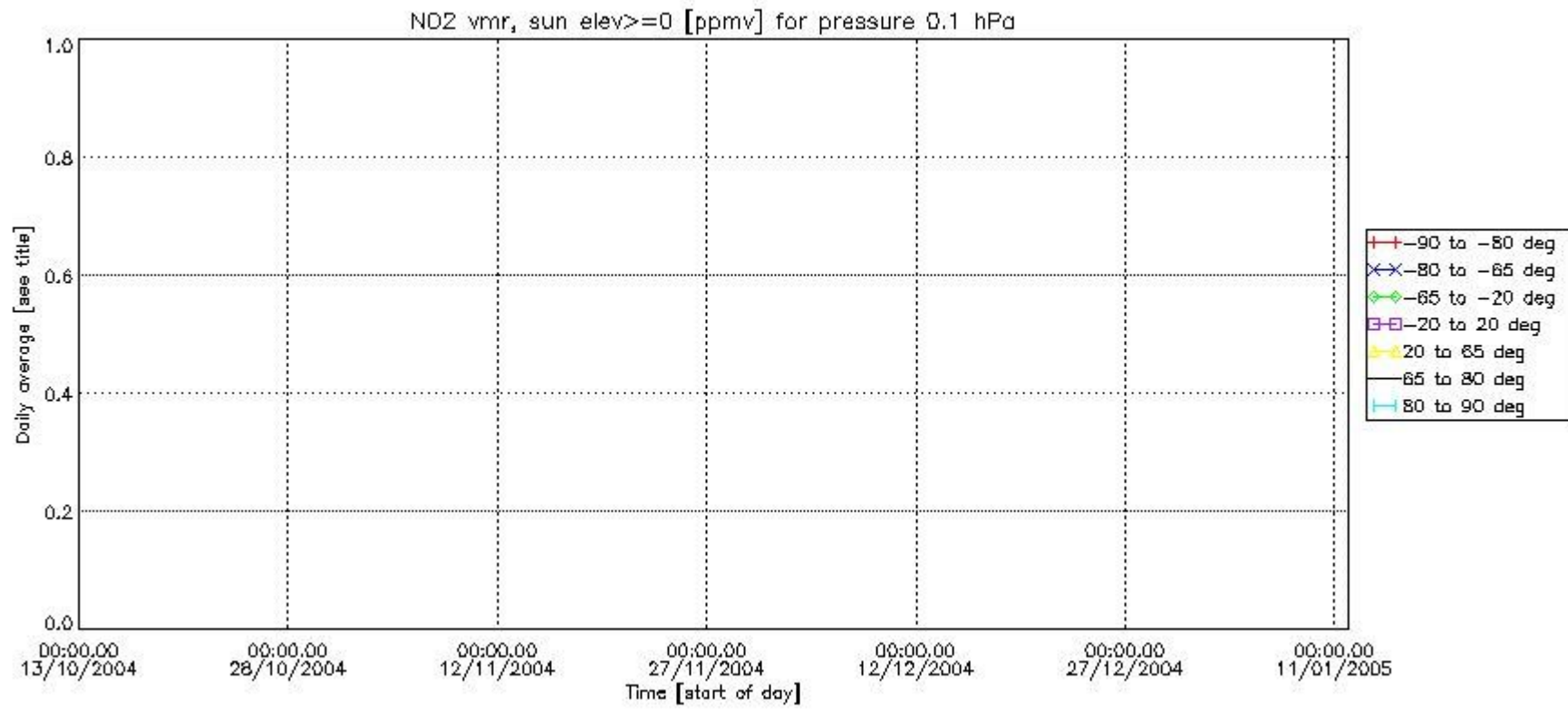




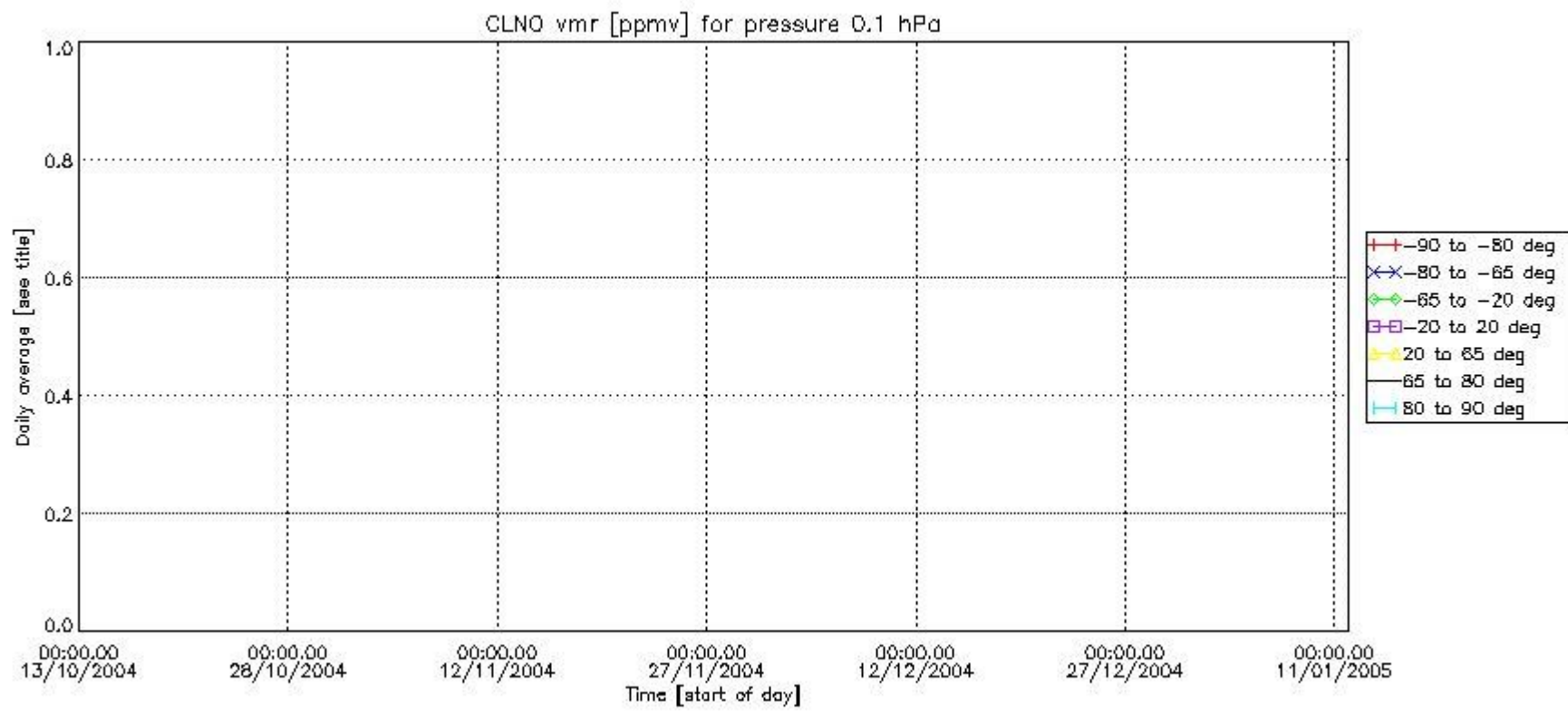
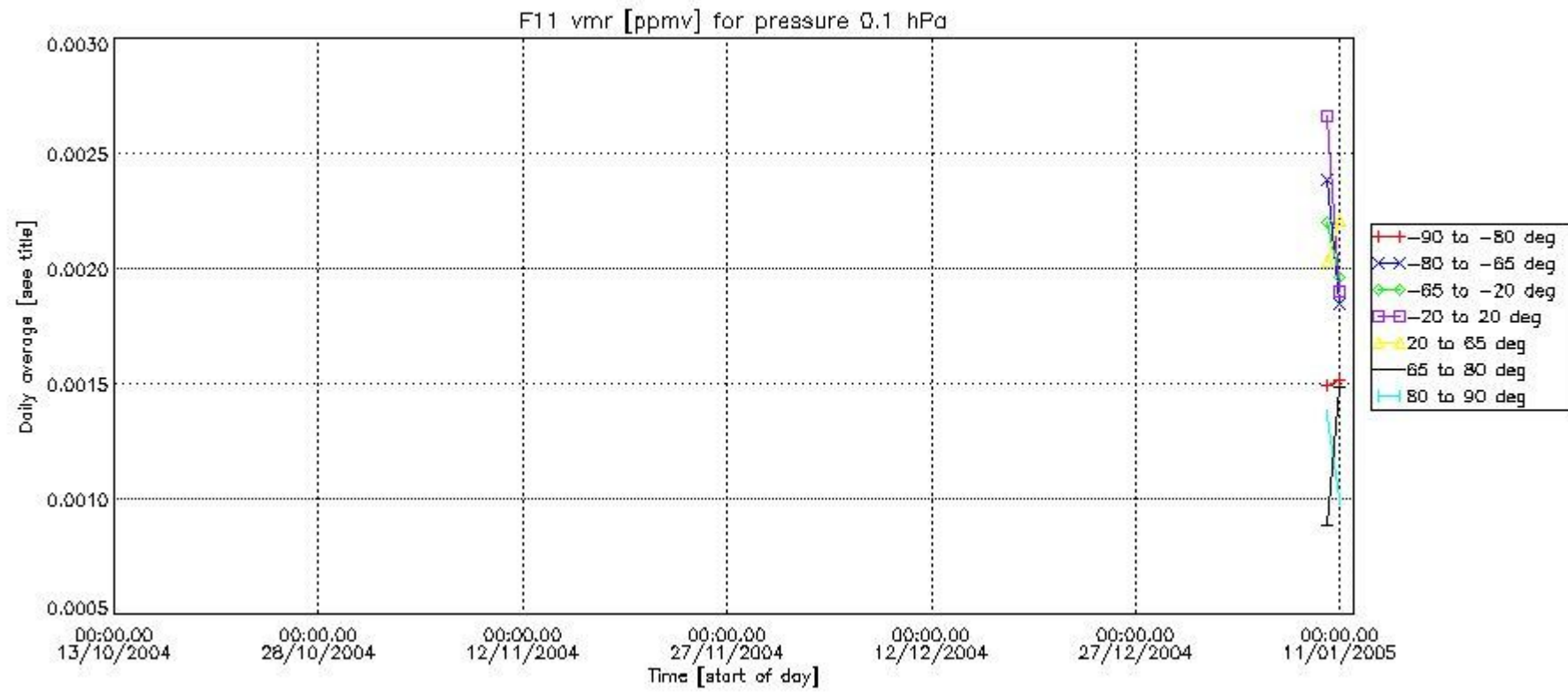


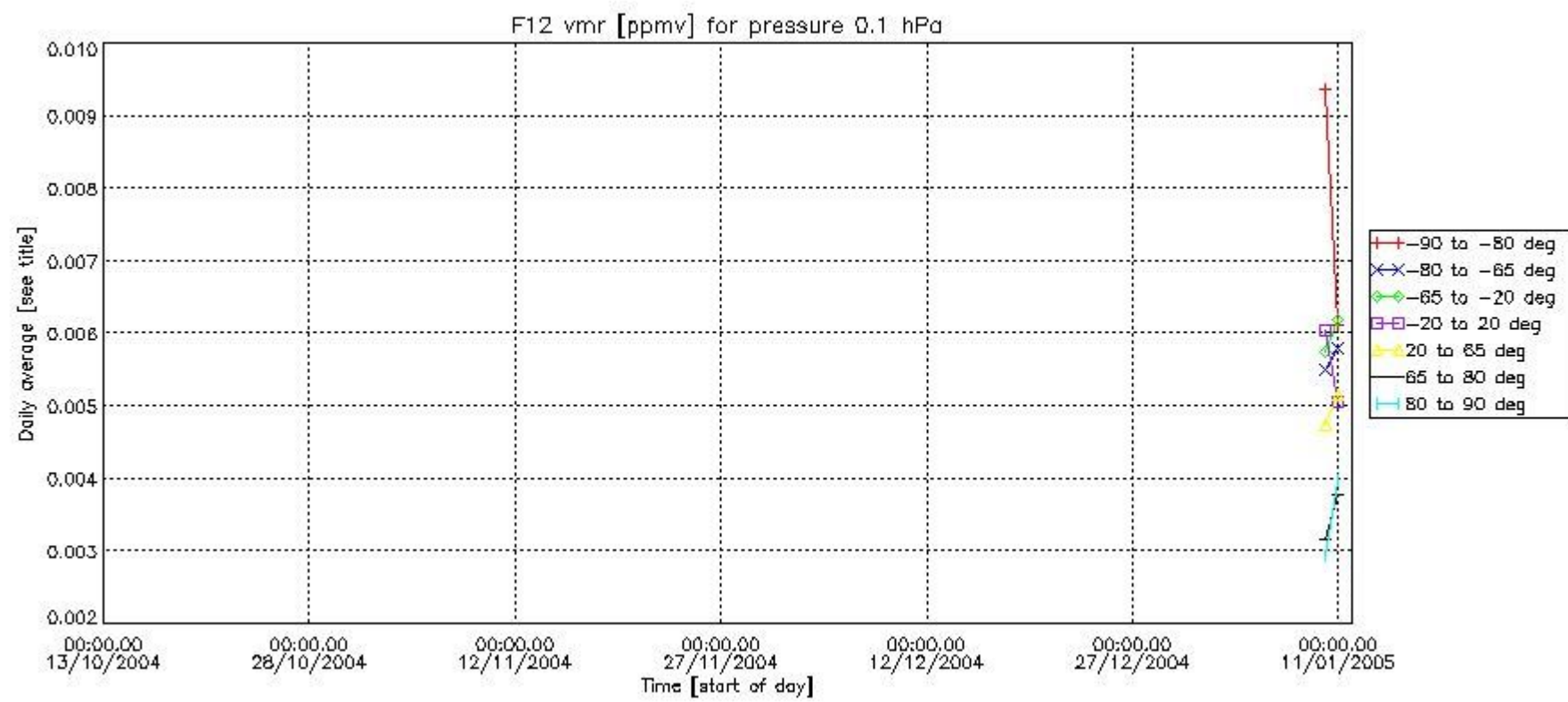
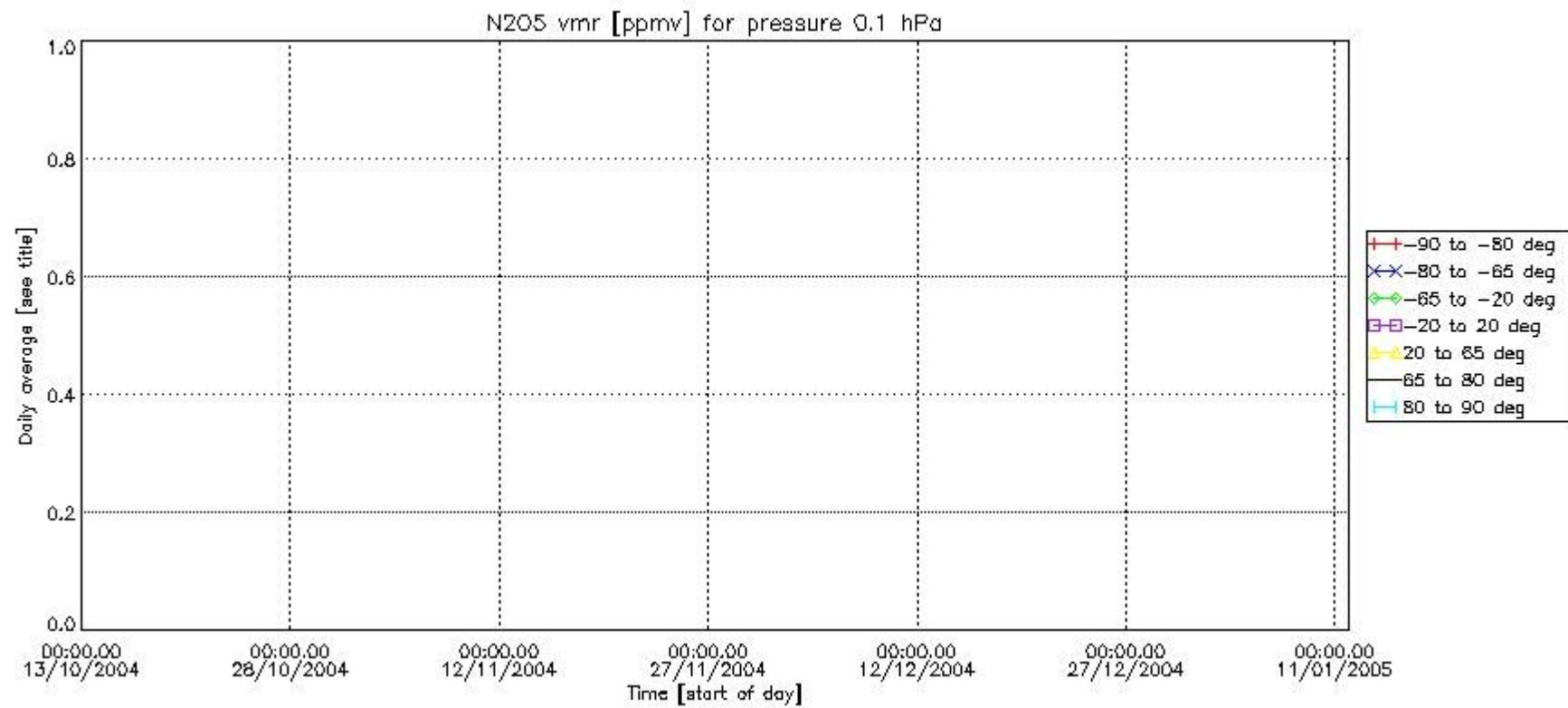


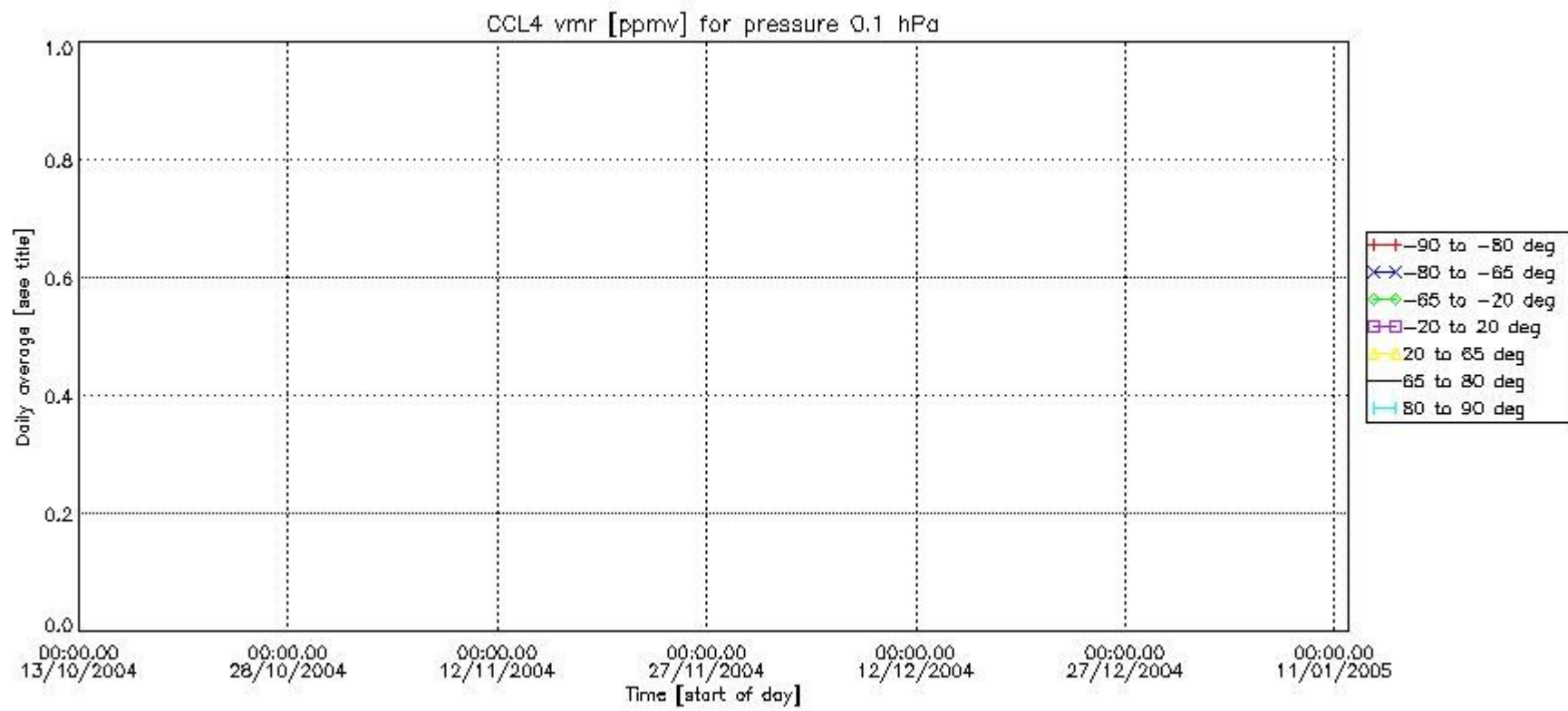
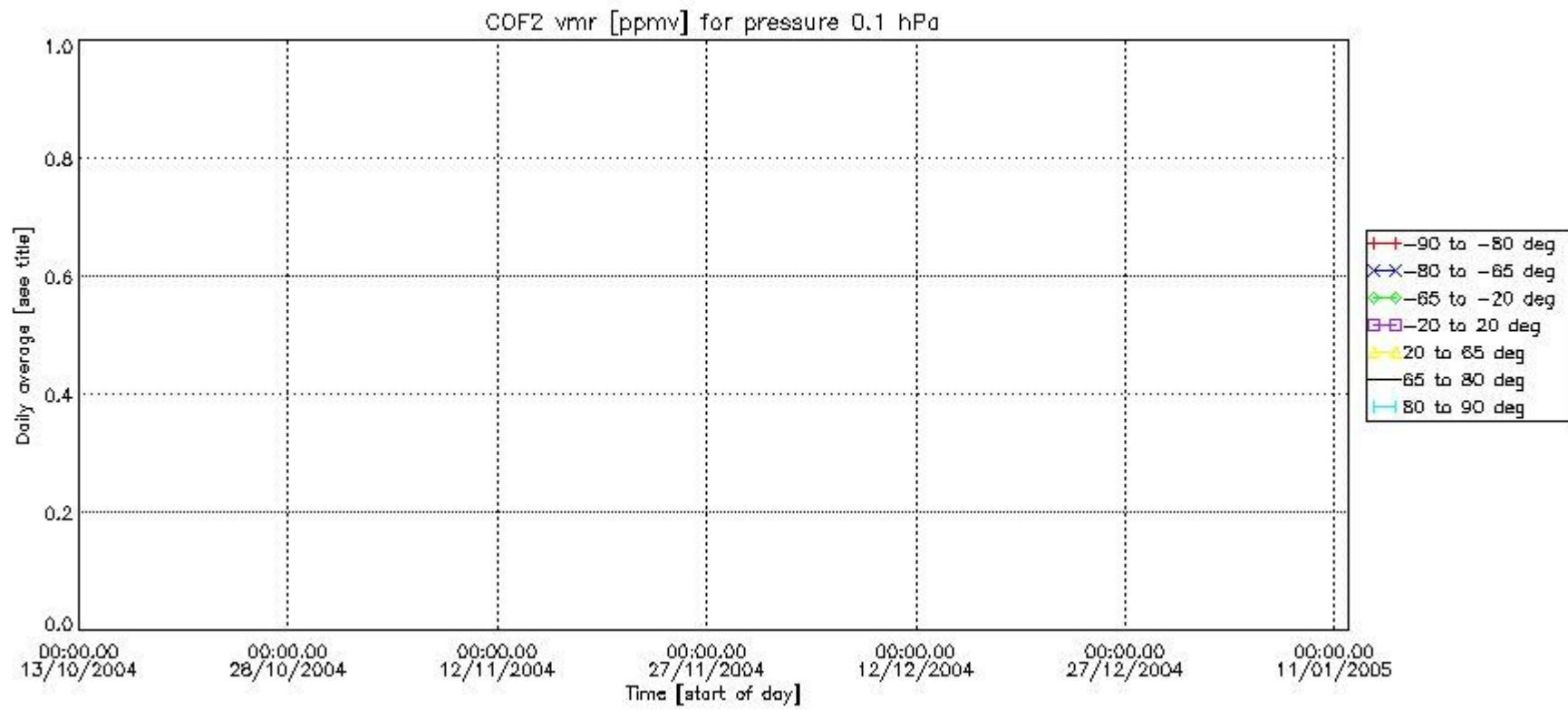


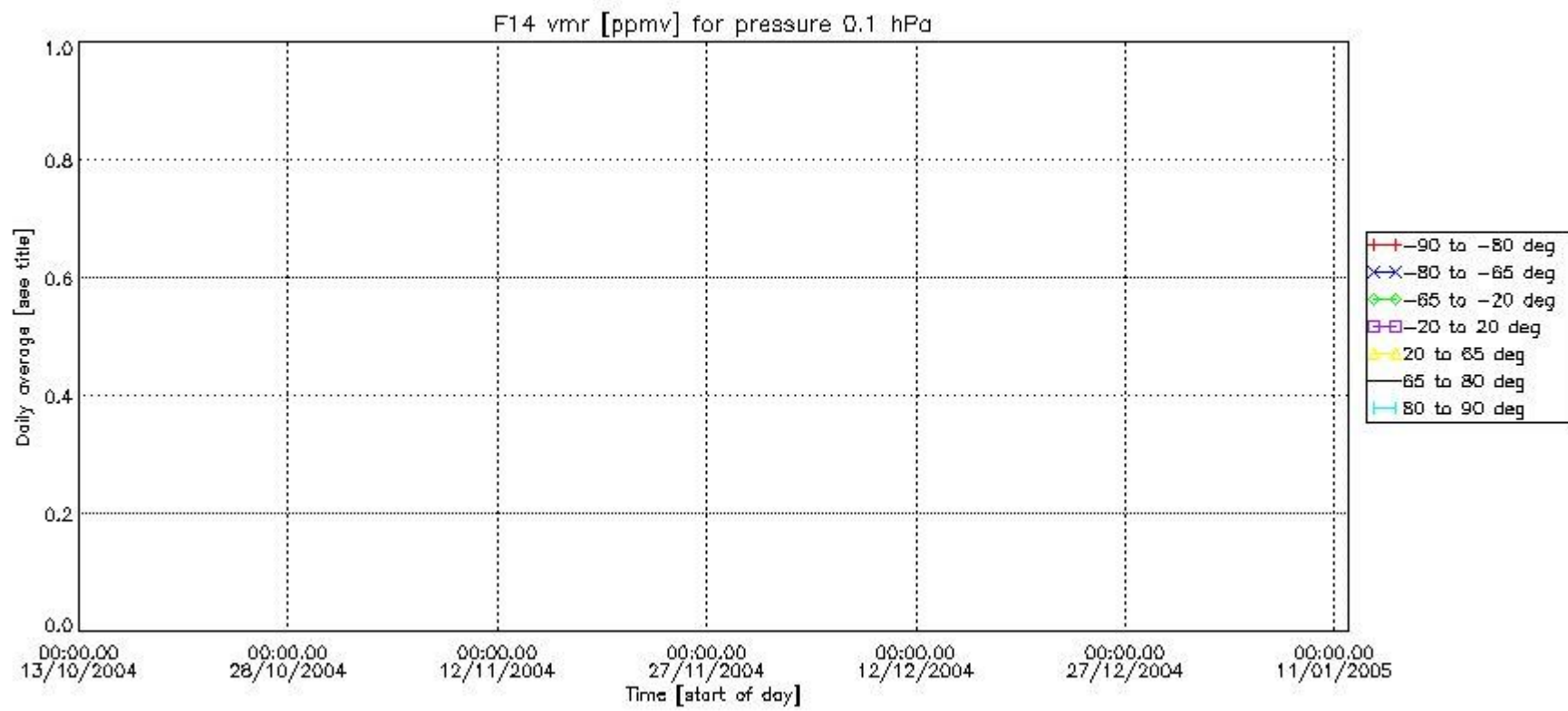
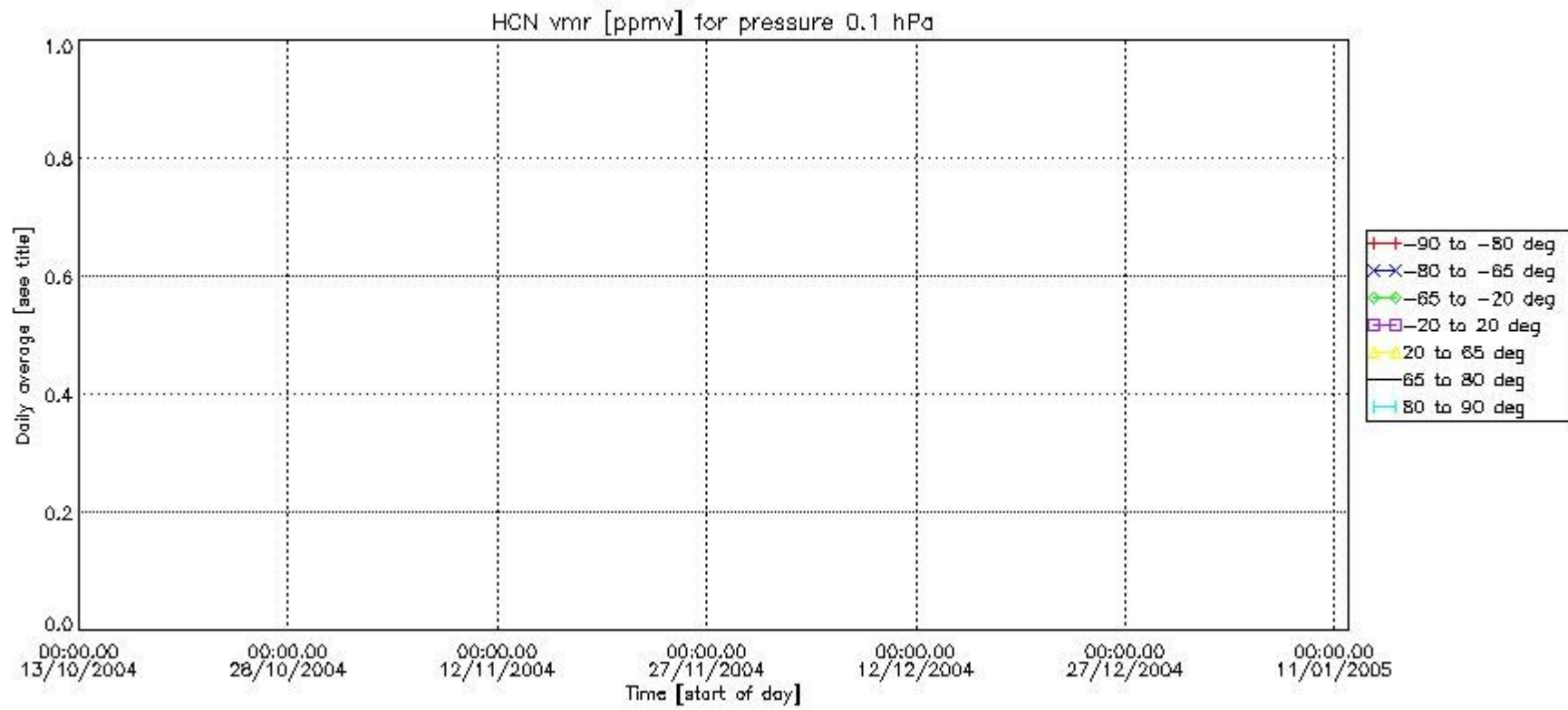


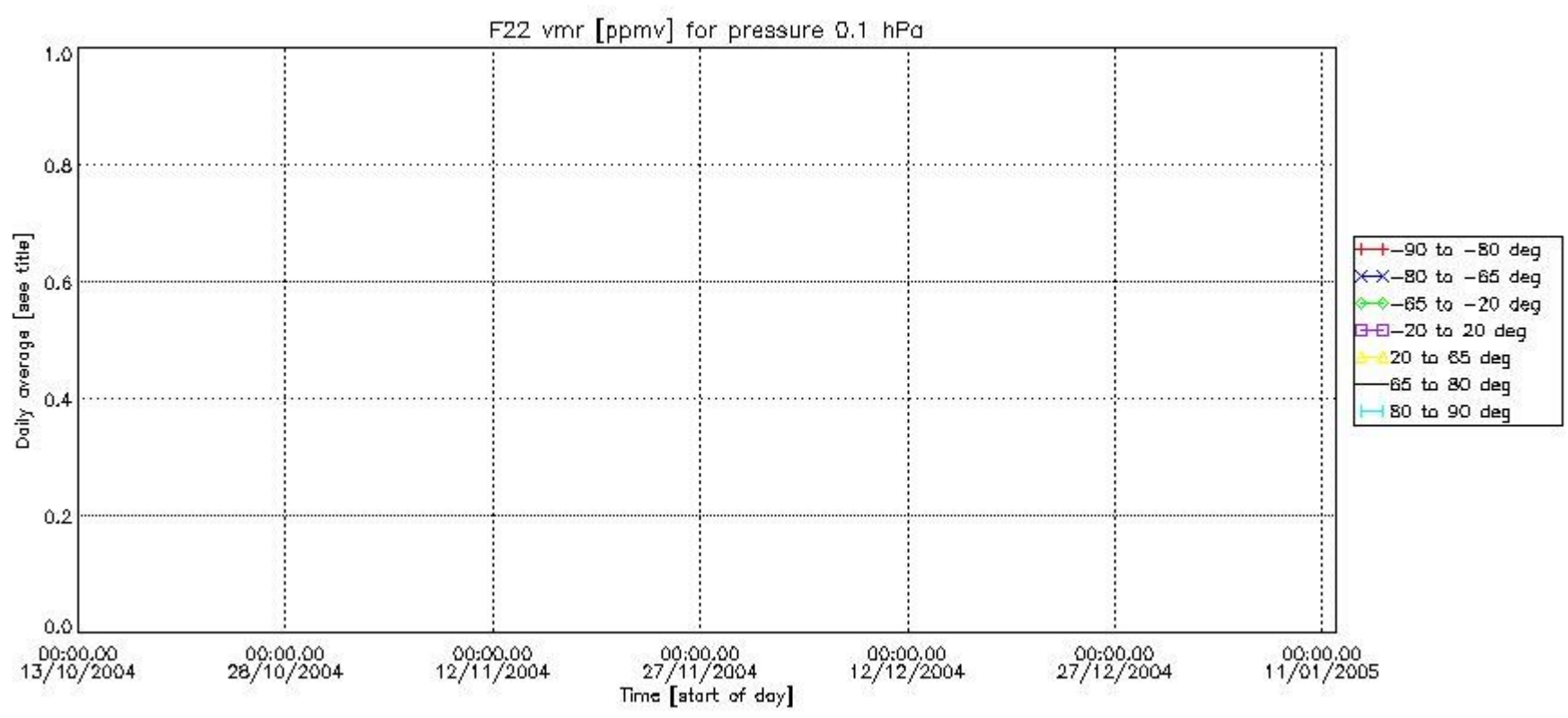












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

