

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20050110.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 08:18:49
Data source version	ML2PP/7.03-W
Processing scope for products	10JAN2005 00:00:00 to 11JAN2005 00:00:00
Start time of first product within scope	10JAN2005 10:55:17
Stop time of last product within scope	11JAN2005 00:00:17
Total number of level 2 products	8
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_105517_000047952033_00395_14978_1000.N1	10JAN2005 10:55:17	10JAN2005 12:15:12	0	75/75	
1	MIP_NL_2PWDSI20050110_121623_000016072033_00396_14979_1000.N1	10JAN2005 12:16:23	10JAN2005 12:43:10	0	24/24	
2	MIP_NL_2PWDSI20050110_142809_000040922033_00397_14980_1000.N1	10JAN2005 14:28:09	10JAN2005 15:36:20	0	61/61	
3	MIP_NL_2PWDSI20050110_153731_000060292033_00398_14981_1000.N1	10JAN2005 15:37:31	10JAN2005 17:18:01	0	90/90	
4	MIP_NL_2PWDSI20050110_171807_000060582033_00399_14982_1000.N1	10JAN2005 17:18:07	10JAN2005 18:59:06	0	90/90	
5	MIP_NL_2PWDSI20050110_185912_000060292033_00400_14983_1000.N1	10JAN2005 18:59:12	10JAN2005 20:39:41	0	90/90	
6	MIP_NL_2PWDSI20050110_203947_000059942033_00401_14984_1000.N1	10JAN2005 20:39:47	10JAN2005 22:19:41	0	89/89	
7	MIP_NL_2PWDSI20050110_221947_000060292033_00402_14985_1000.N1	10JAN2005 22:19:47	11JAN2005 00:00:17	0	90/90	

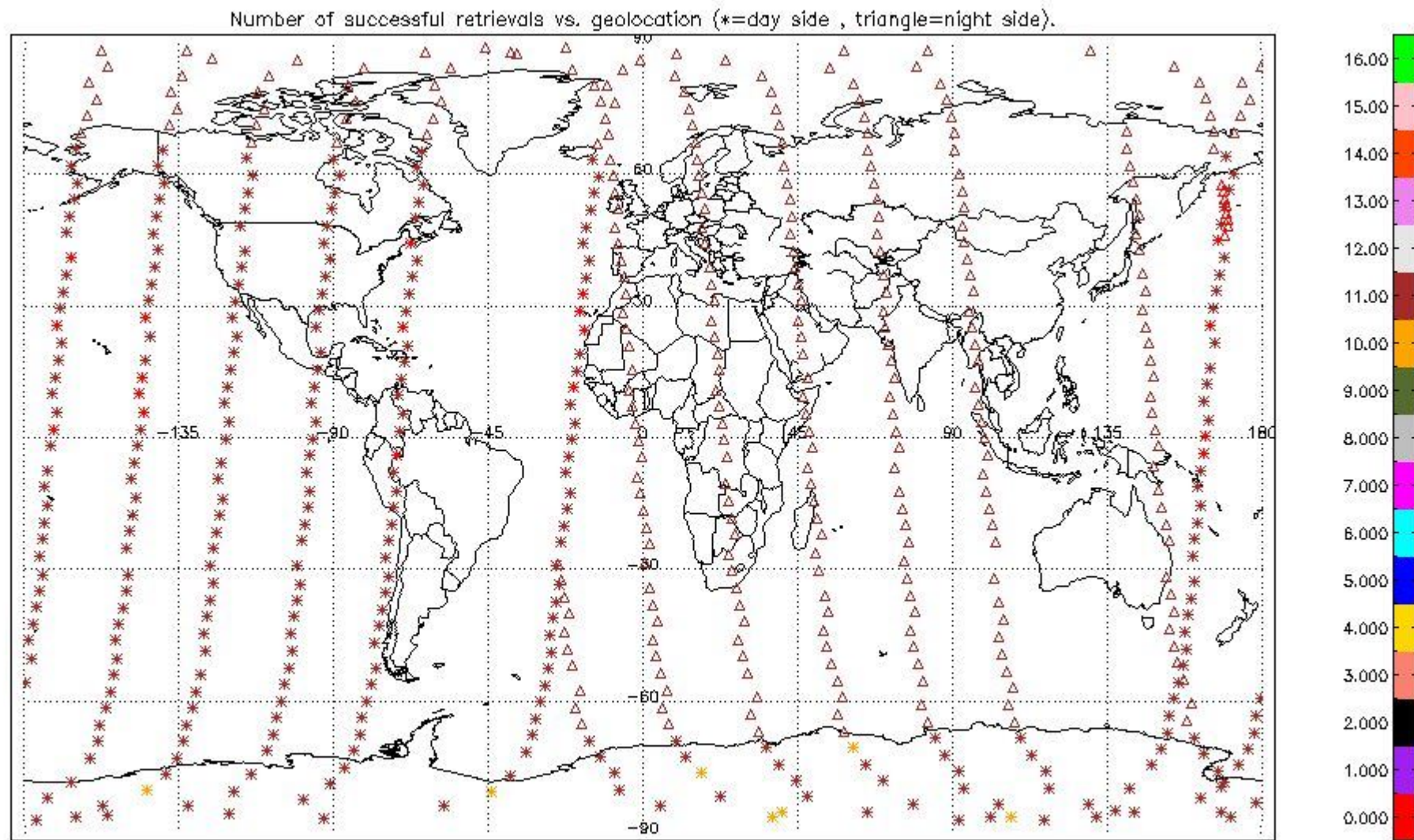
## 2.2 Processing performance indicators

### 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.

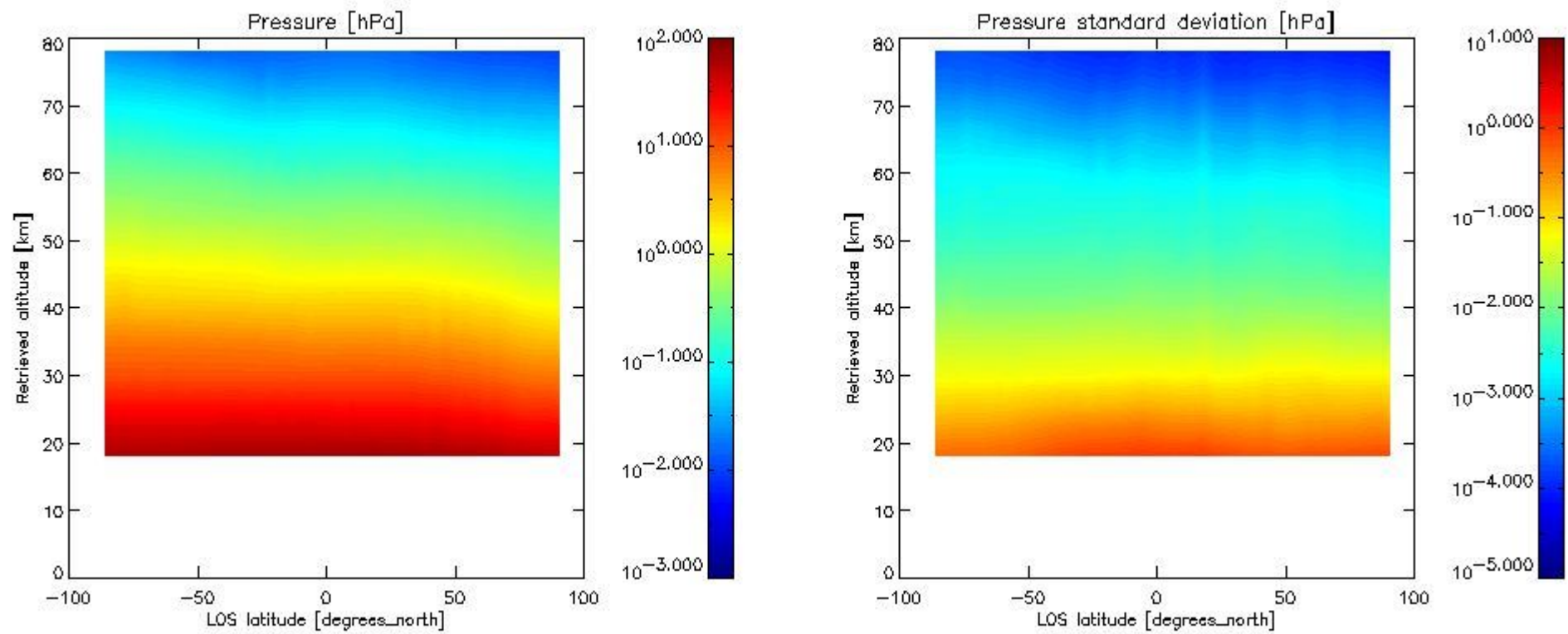
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	609	583	95.731
H2O	609	579	95.074

O3	609	583	95.731
HNO3	609	583	95.731
CH4	609	580	95.238
N2O	609	583	95.731
NO2	609	583	95.731
F11	609	583	95.731
CLNO	609	583	95.731
N2O5	609	583	95.731
F12	609	583	95.731
COF2	609	0	0.0000
CCL4	609	0	0.0000
HCN	609	0	0.0000
F14	609	0	0.0000
F22	609	0	0.0000



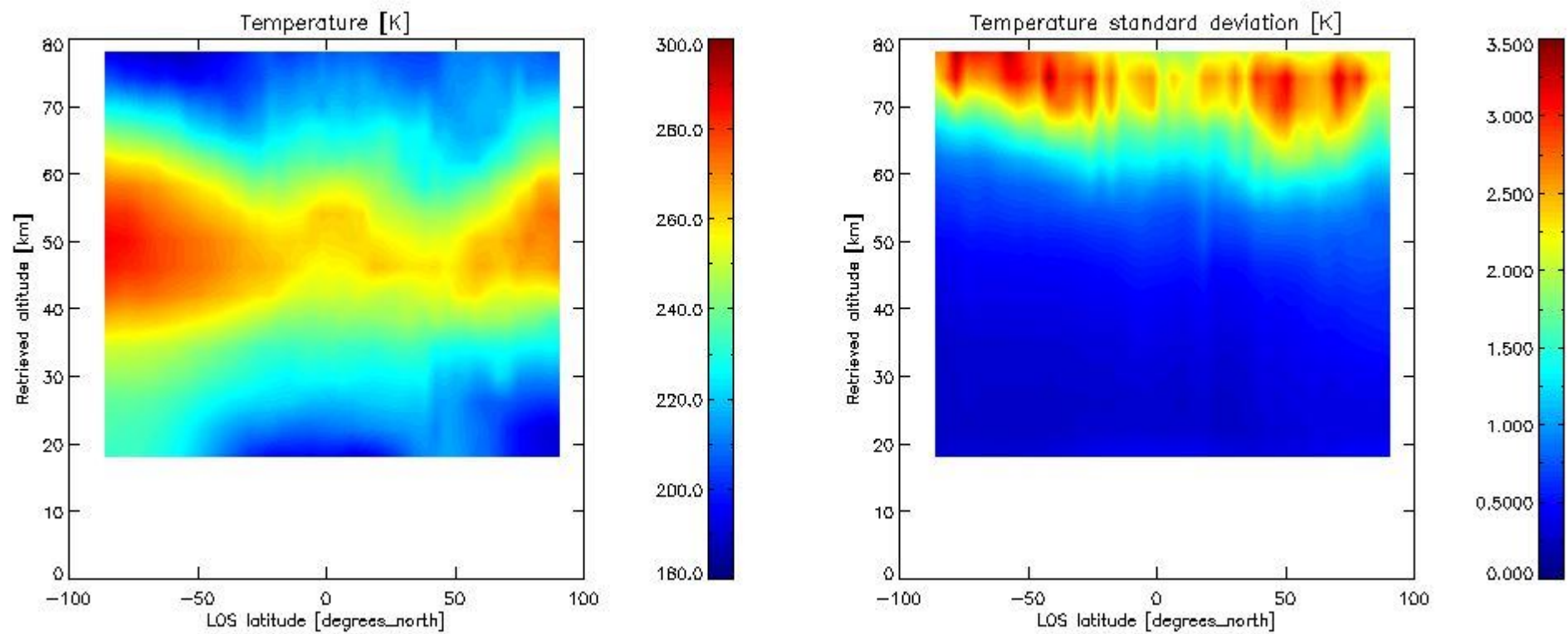
## 2.2.2 Pressure overview

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



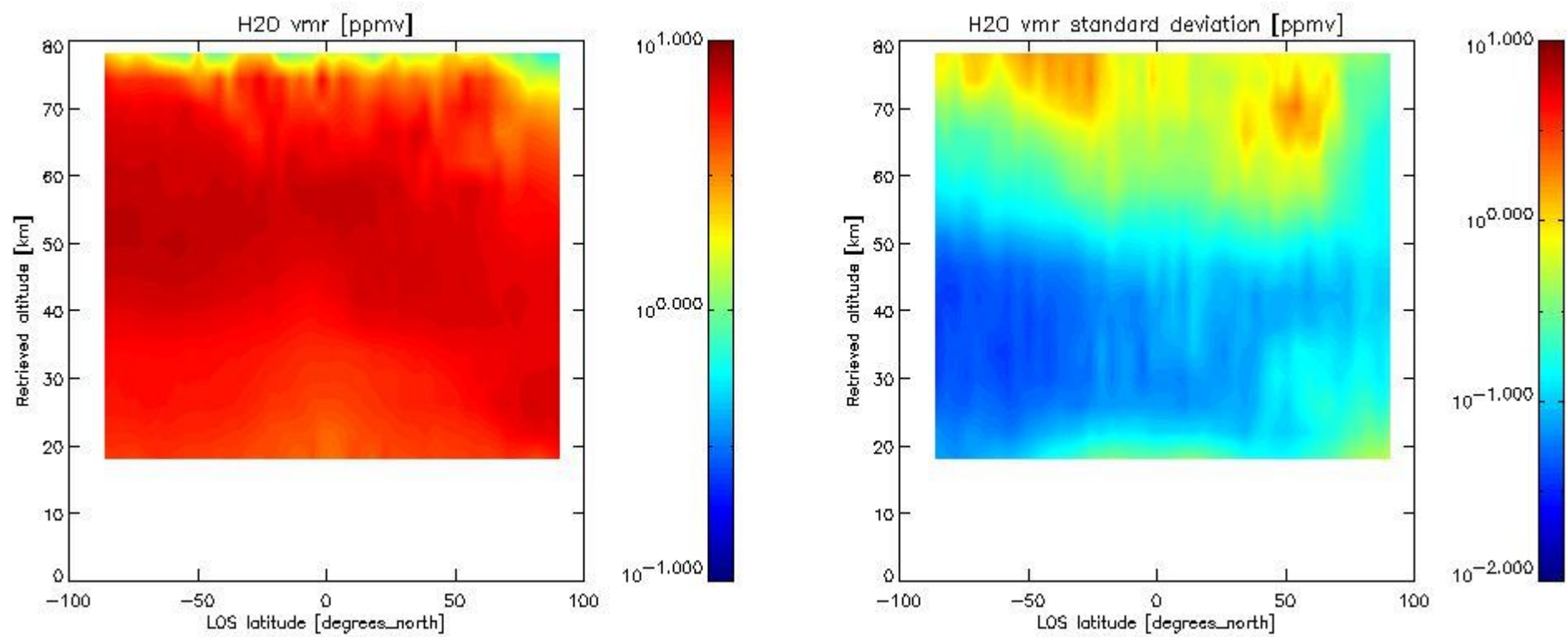
### 2.2.3 Temperature overview

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

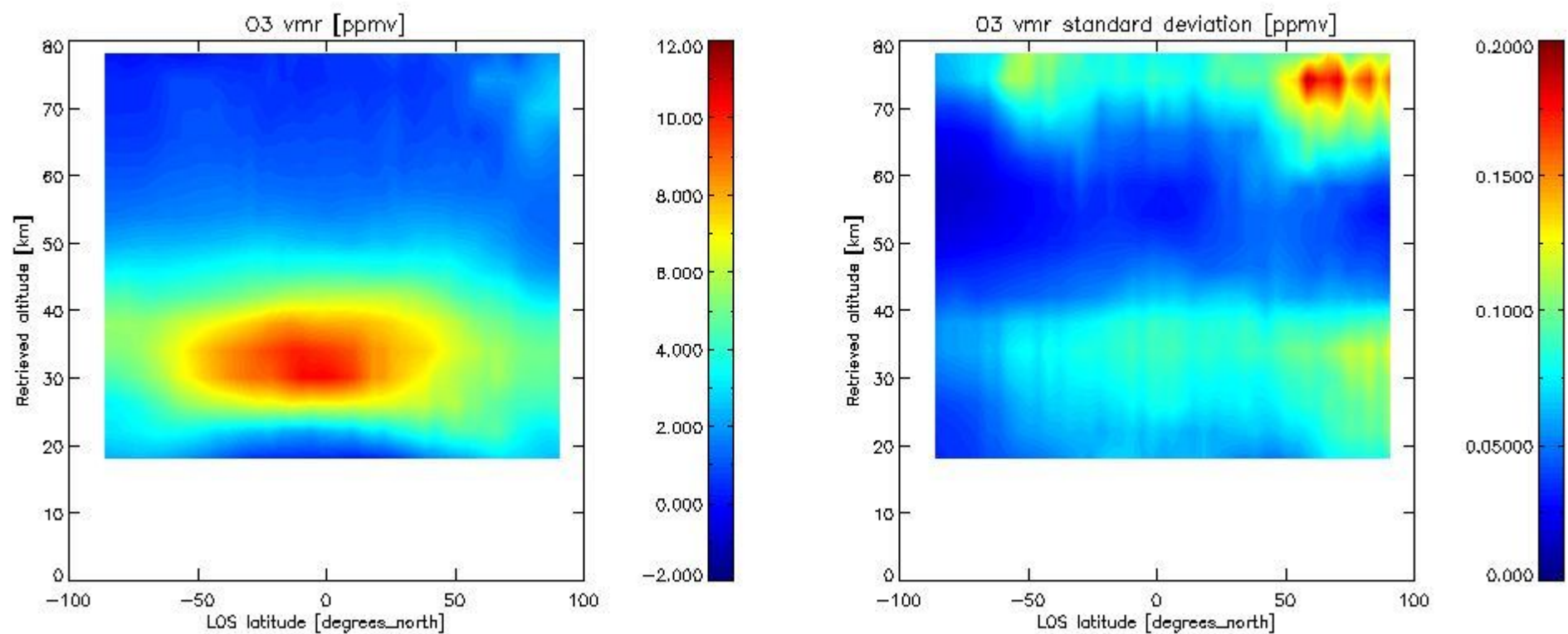


### 2.2.4 Species overview

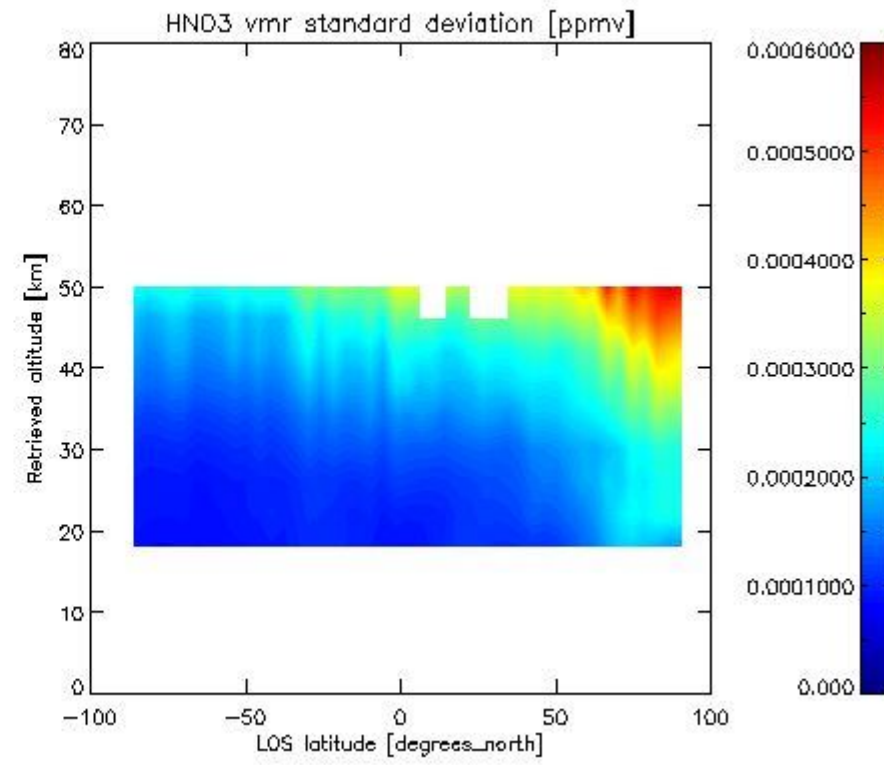
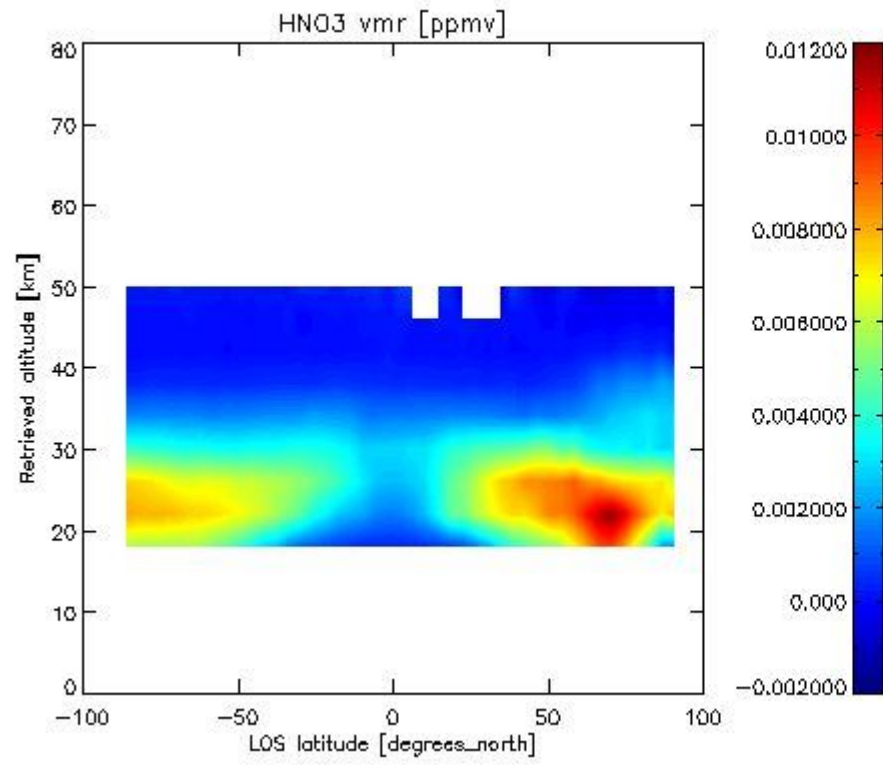
**2.2.4.1 H<sub>2</sub>O overview** This section shows values (left) and error (right) for H<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



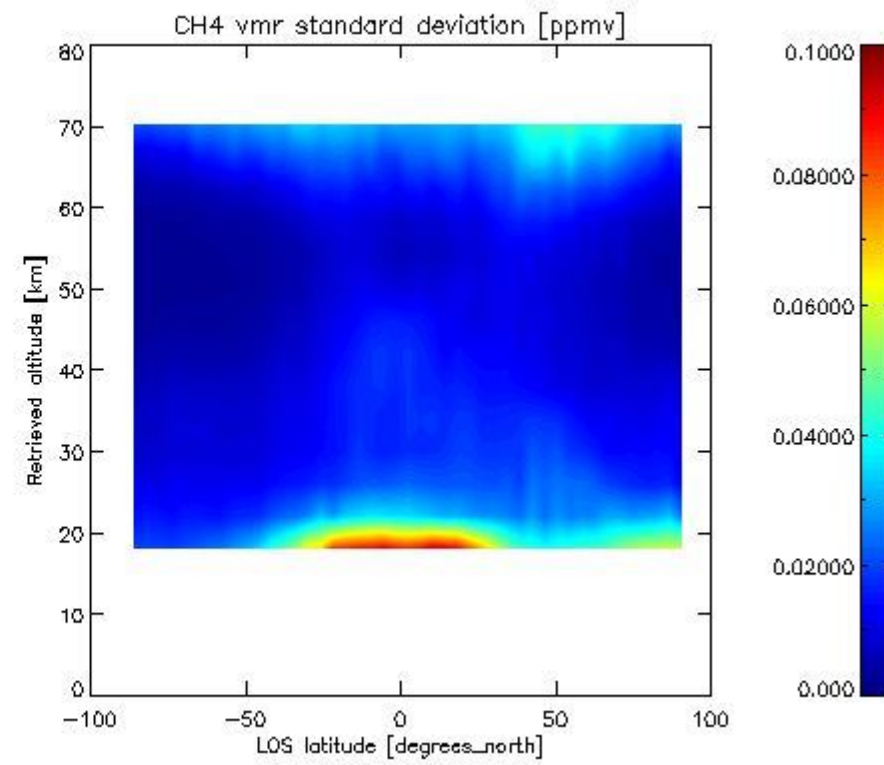
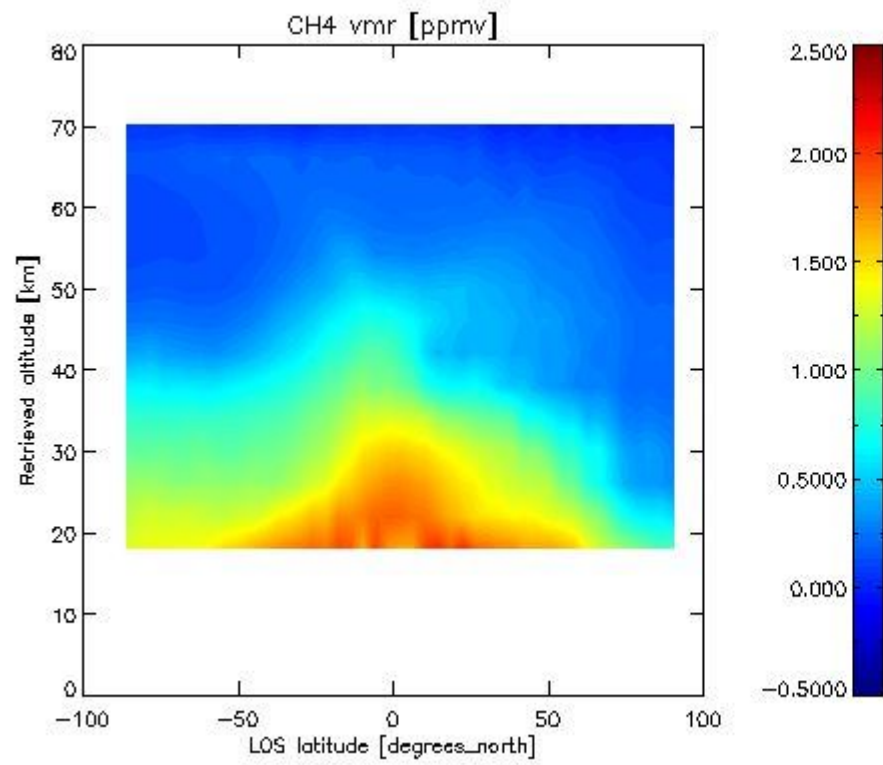
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



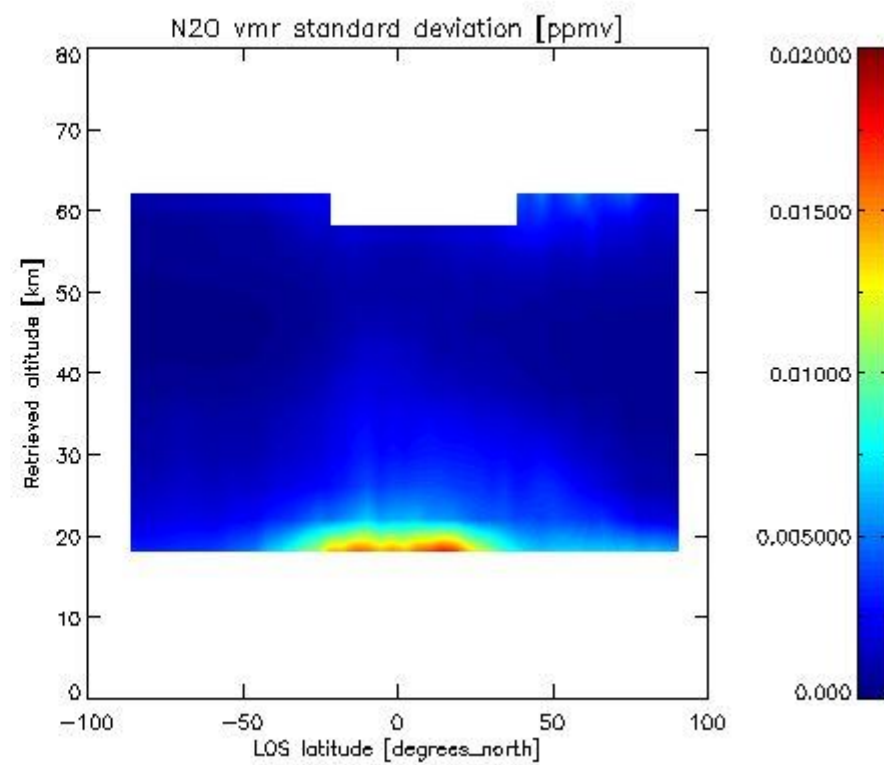
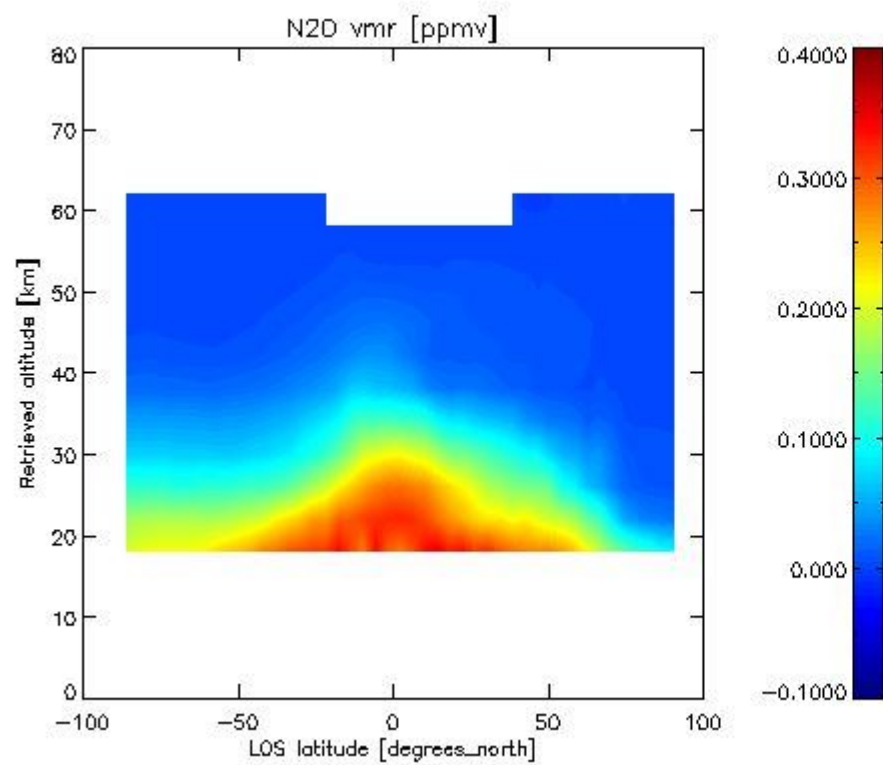
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



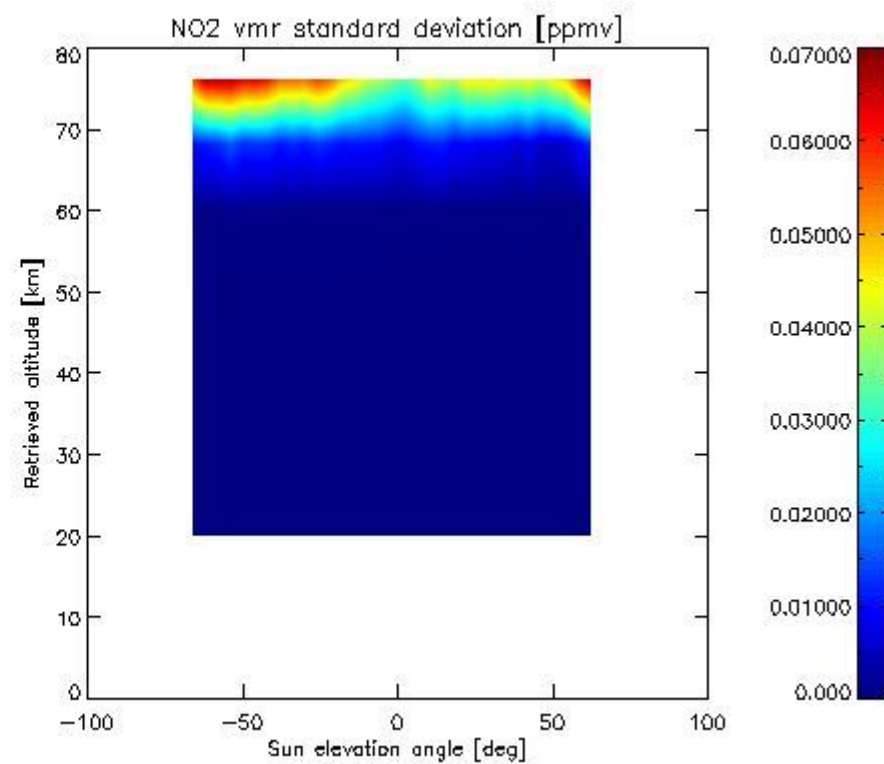
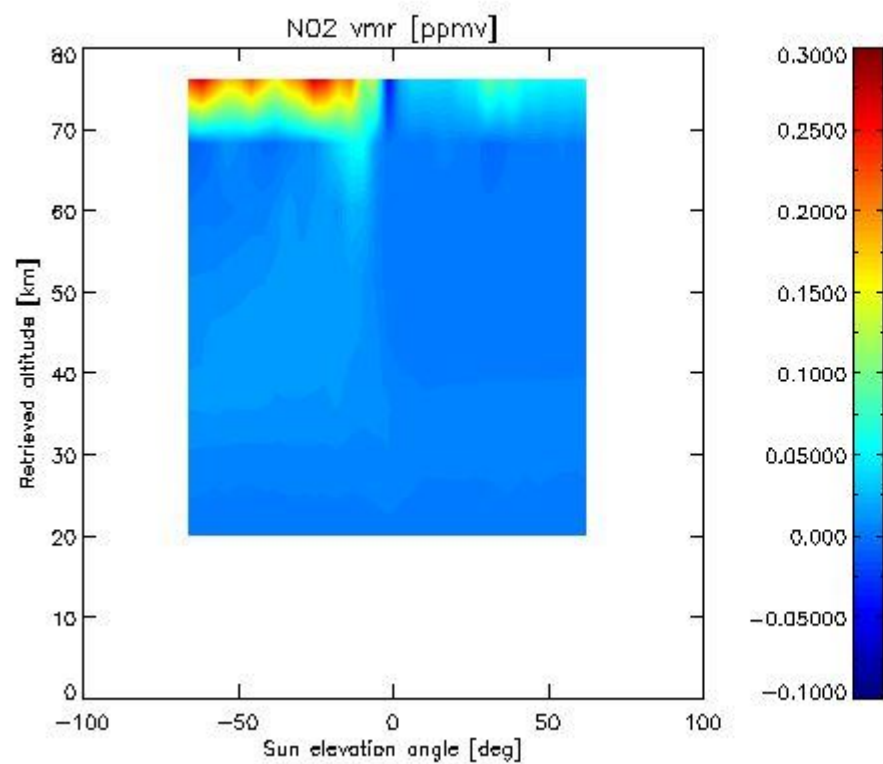
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



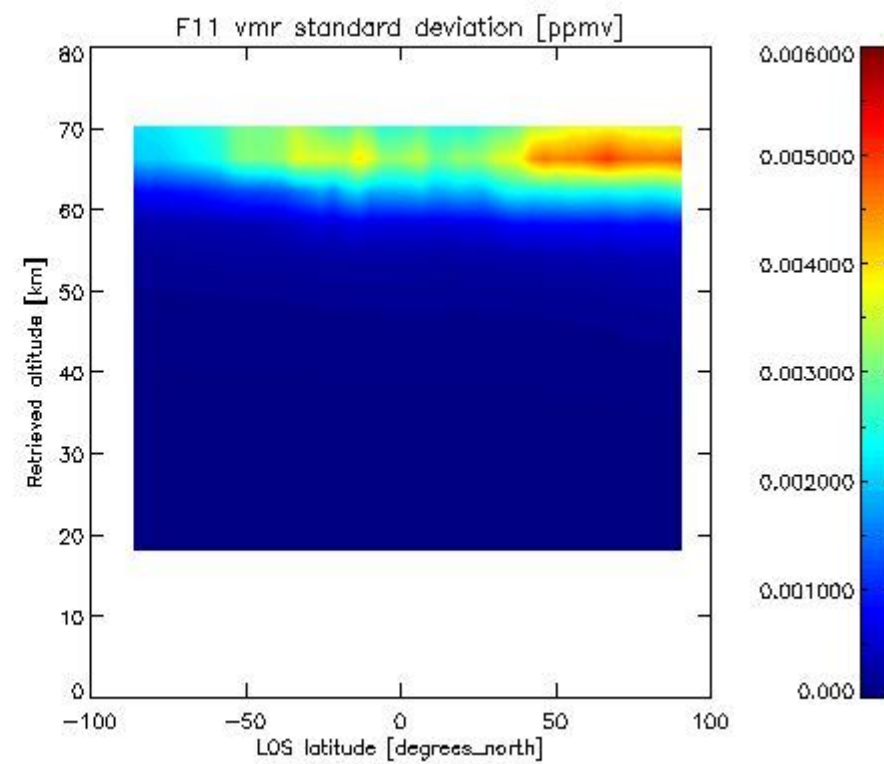
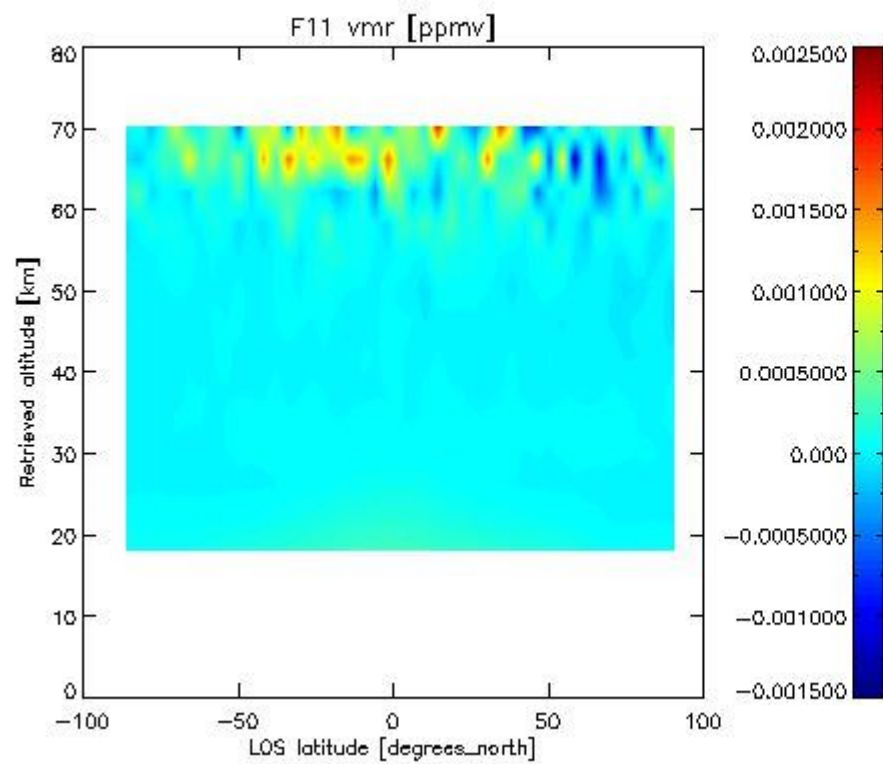
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



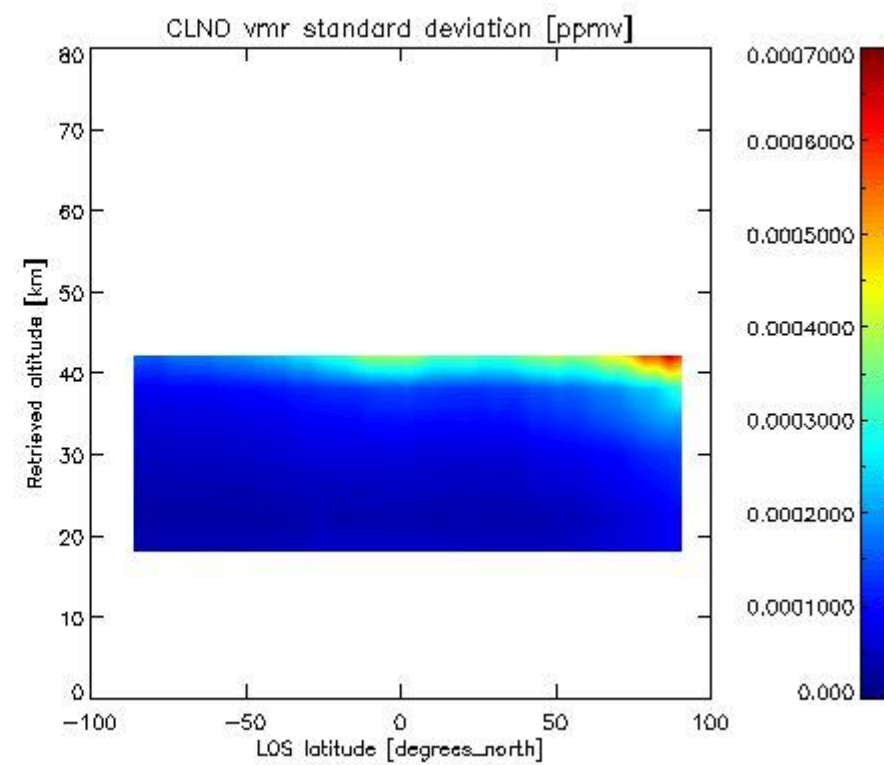
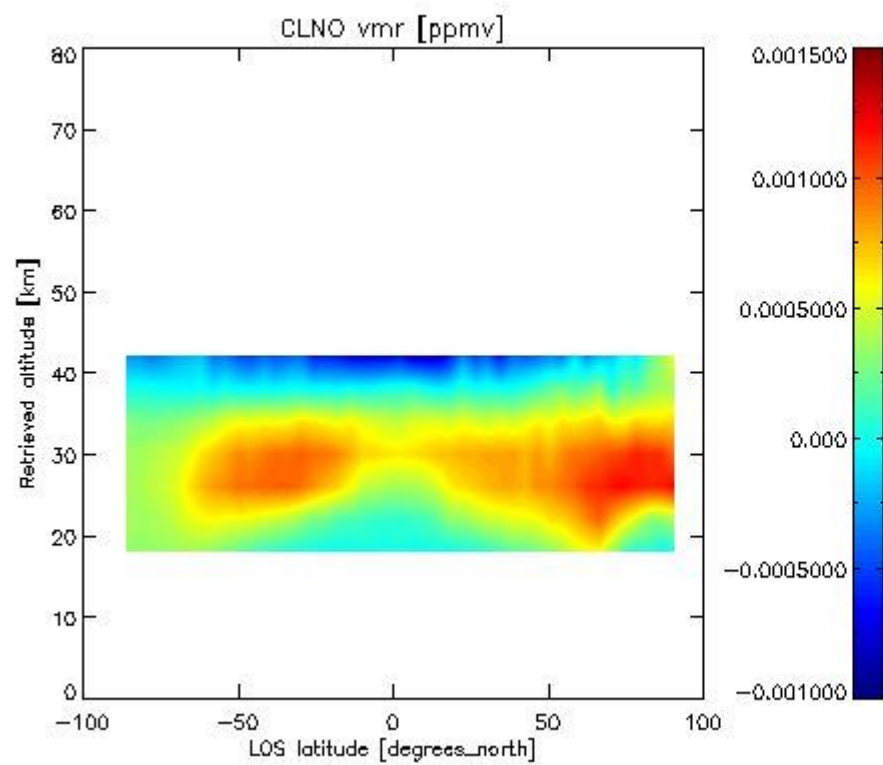
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.



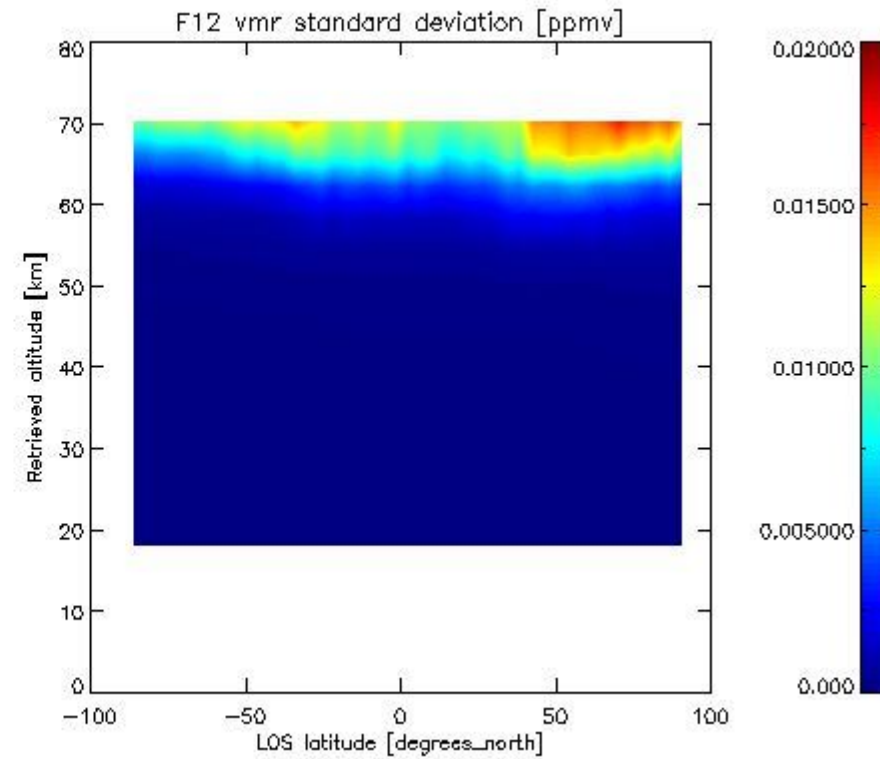
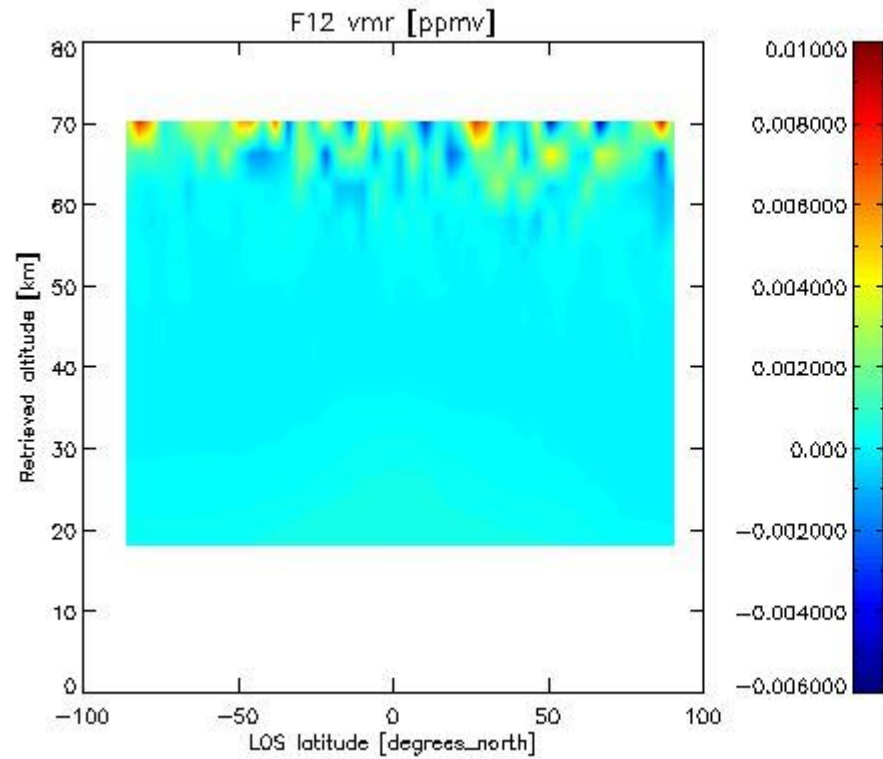
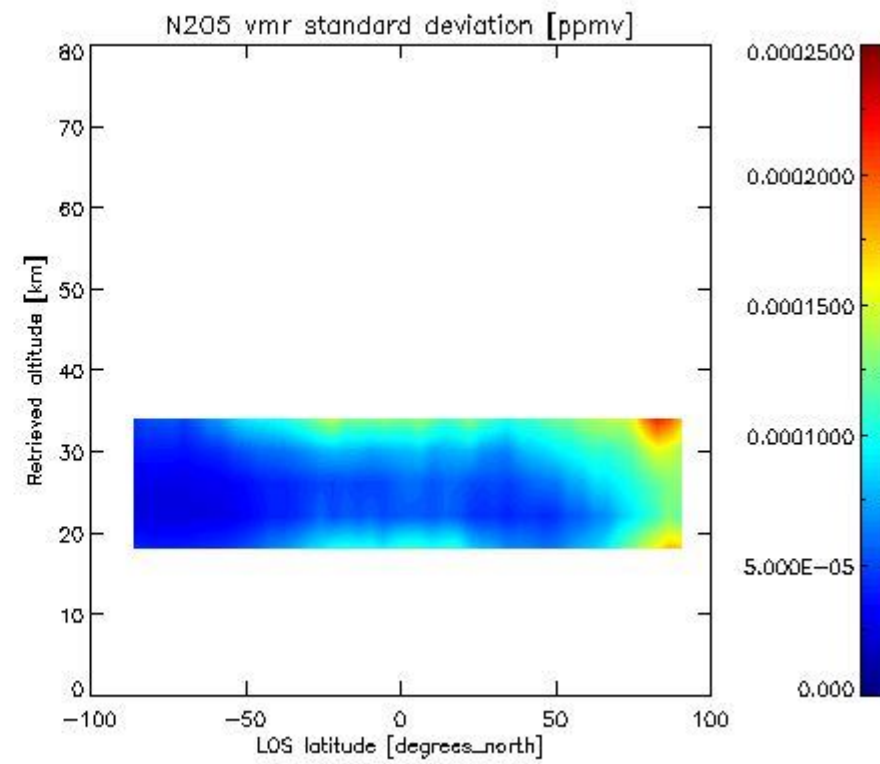
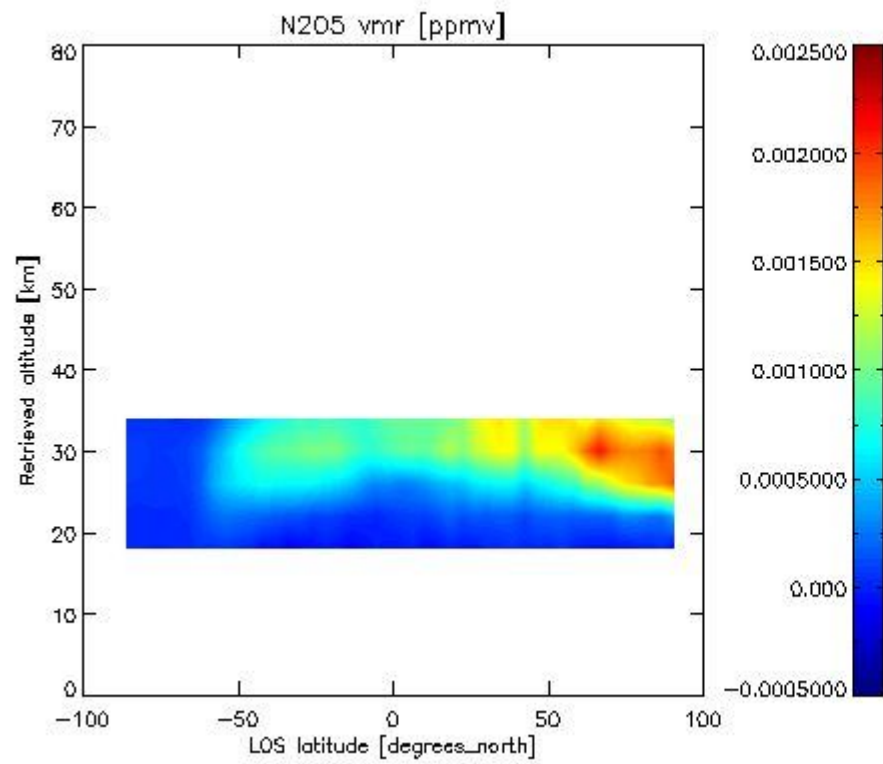
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



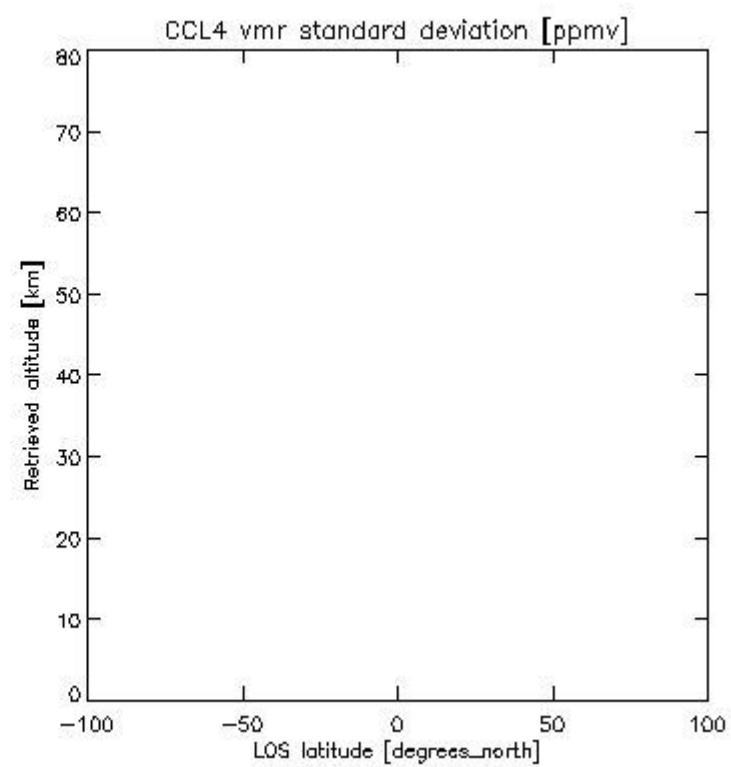
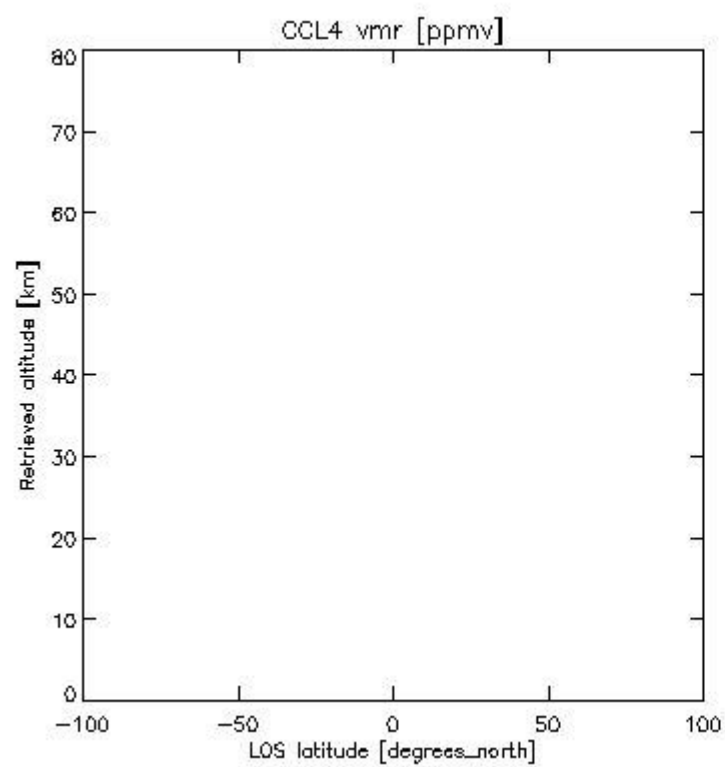
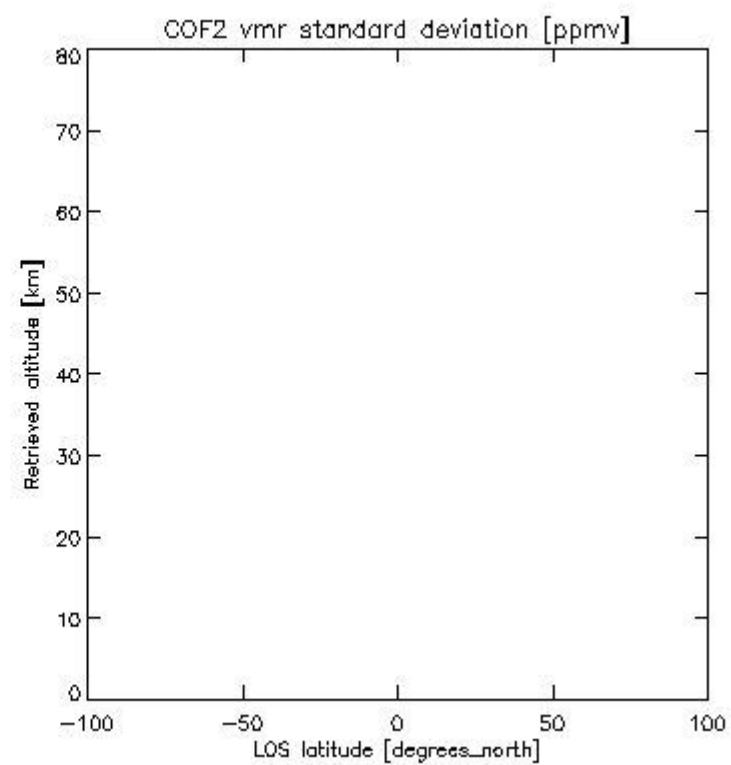
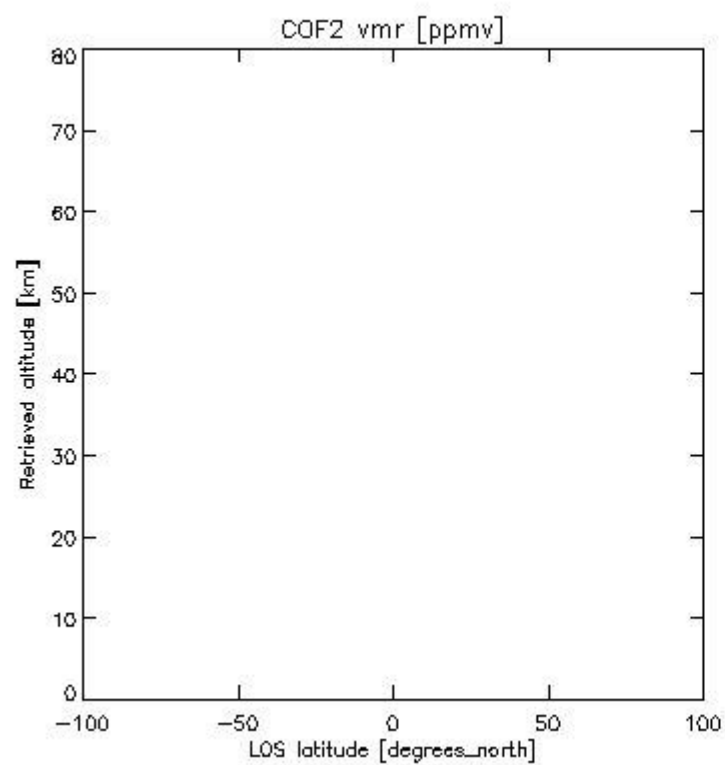
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

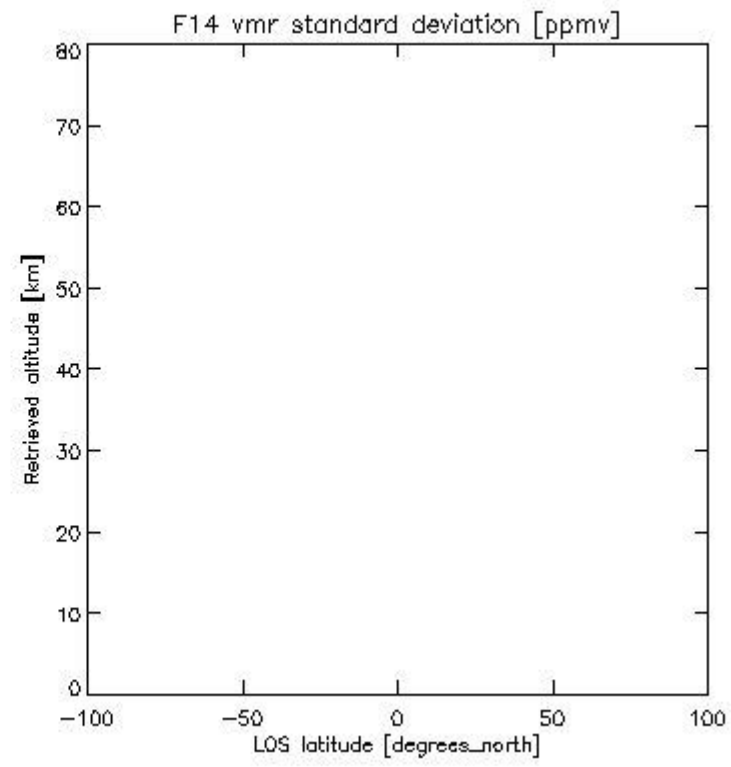
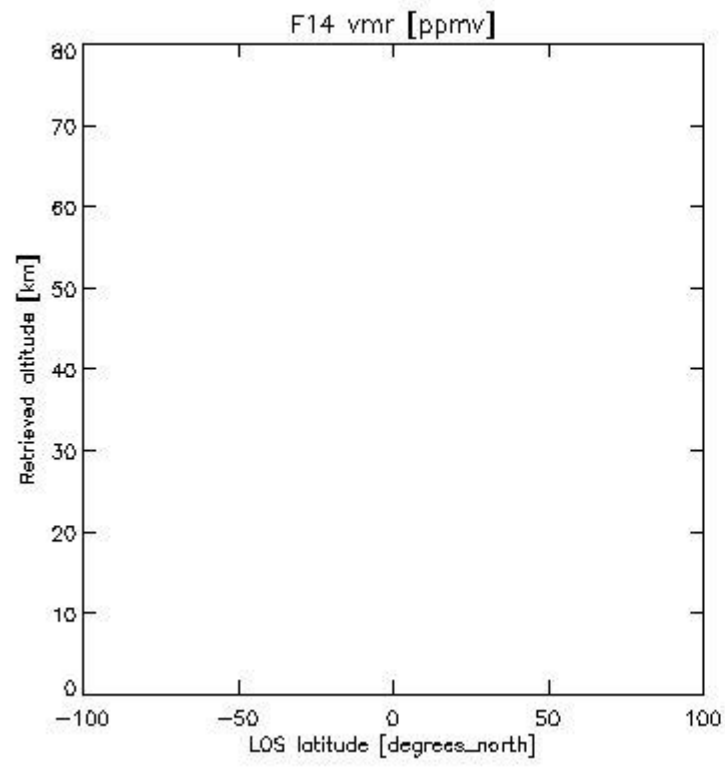
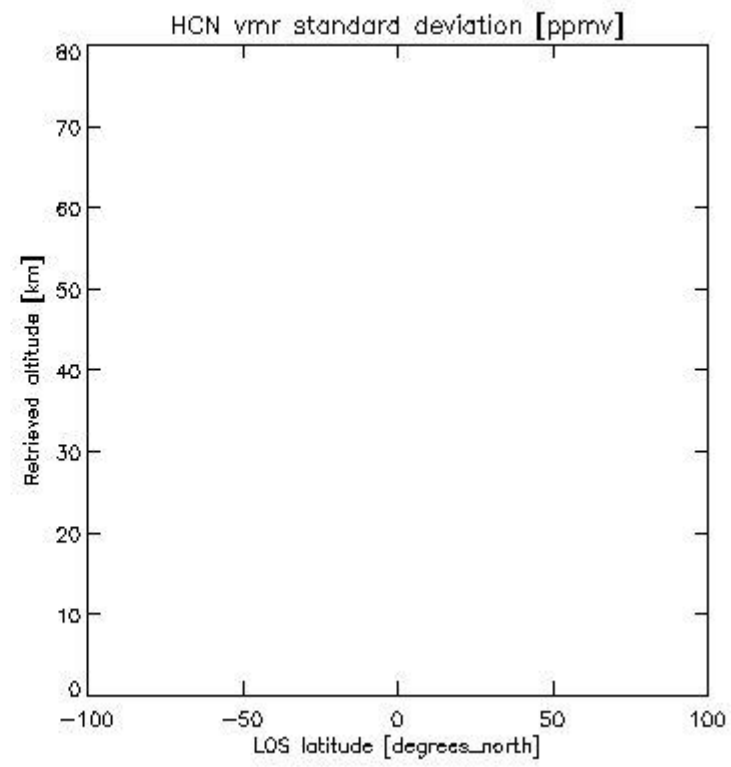
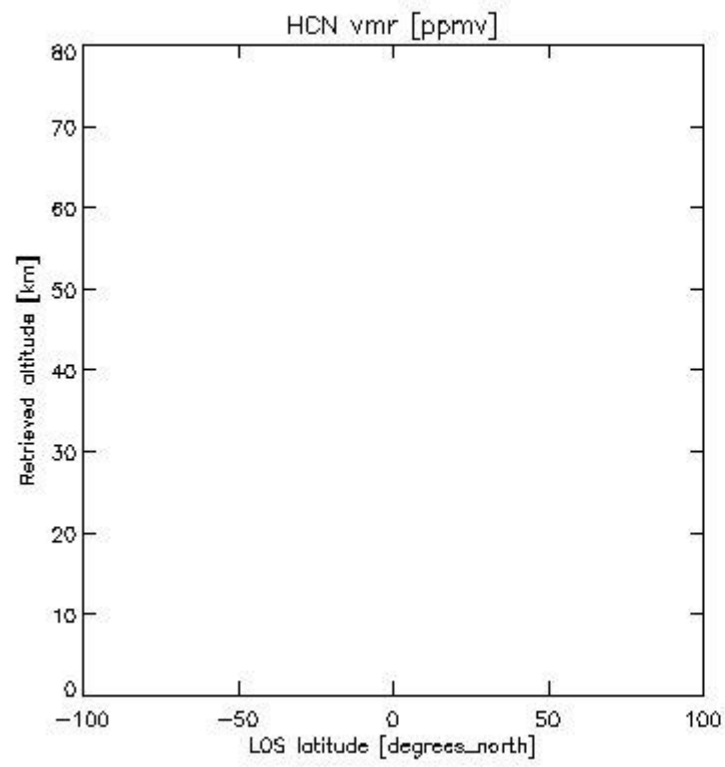


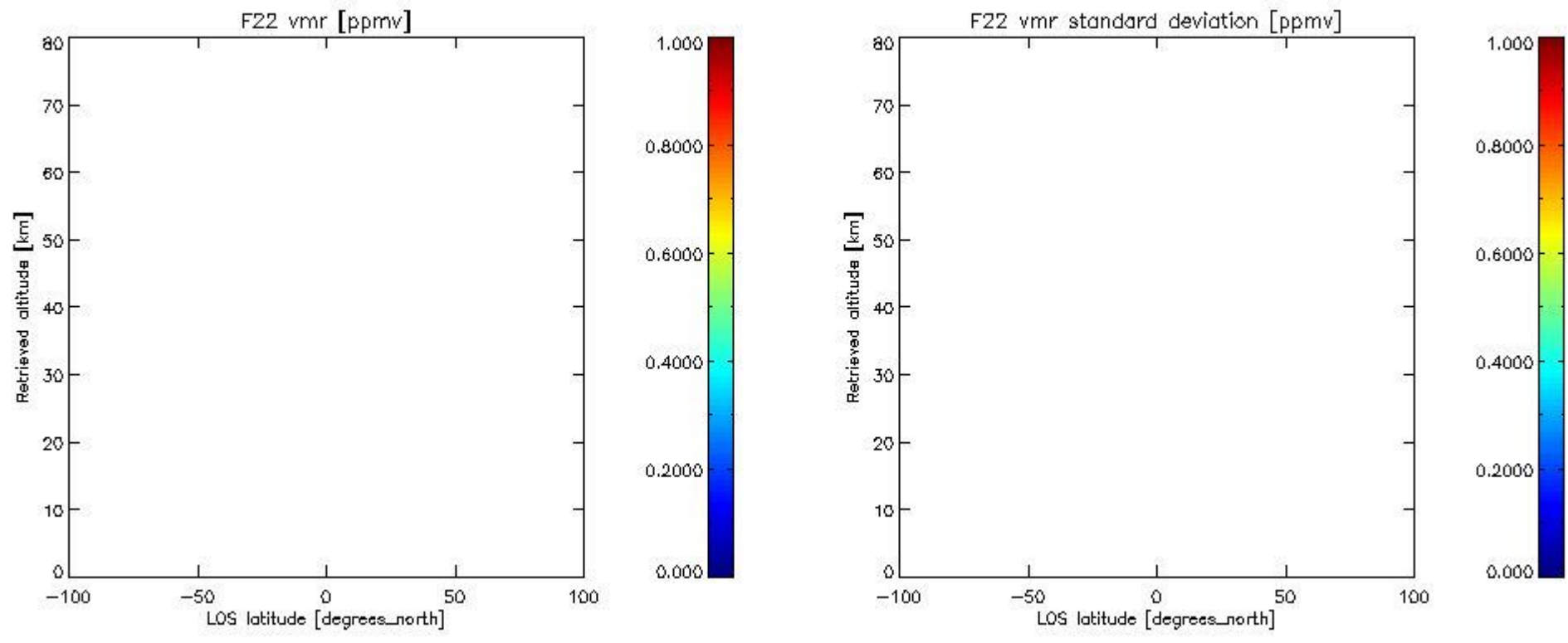
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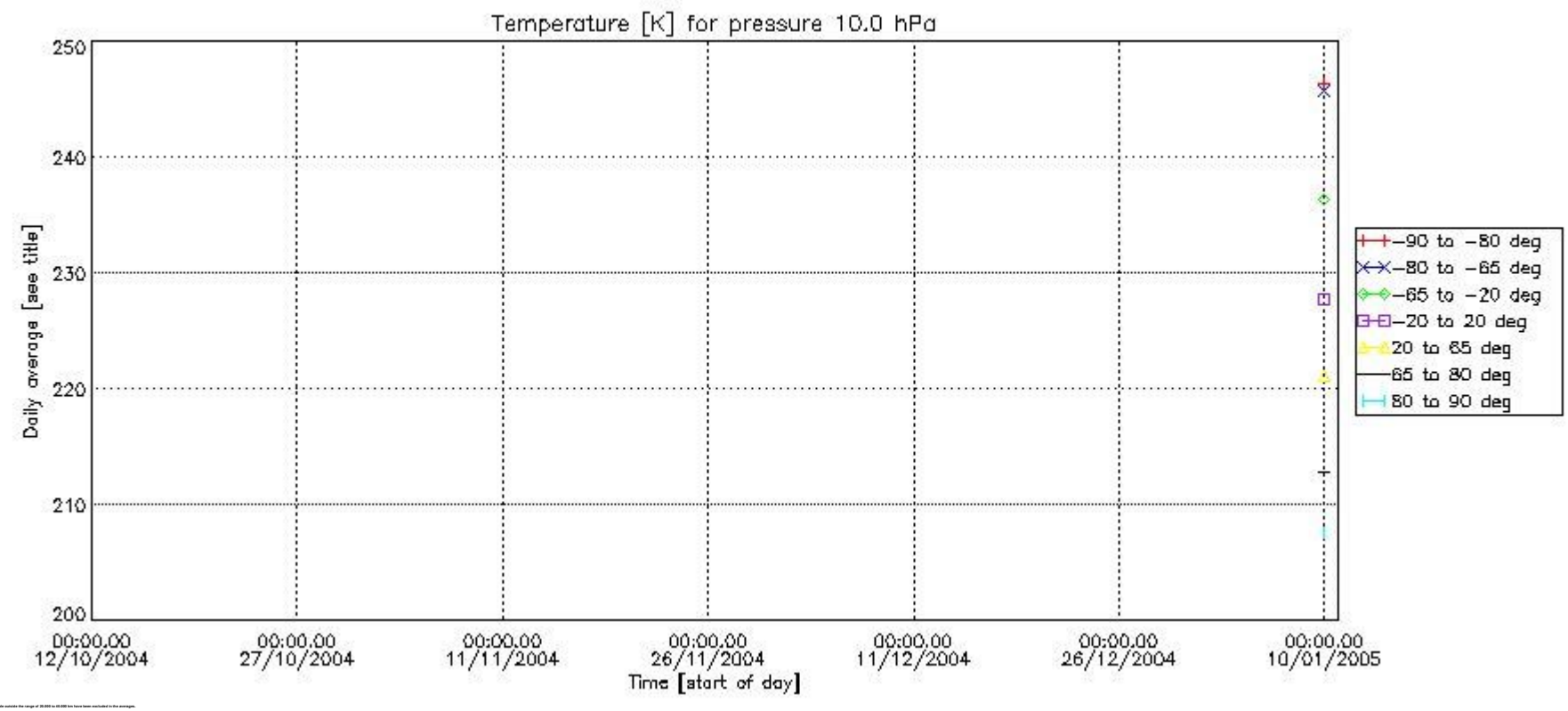




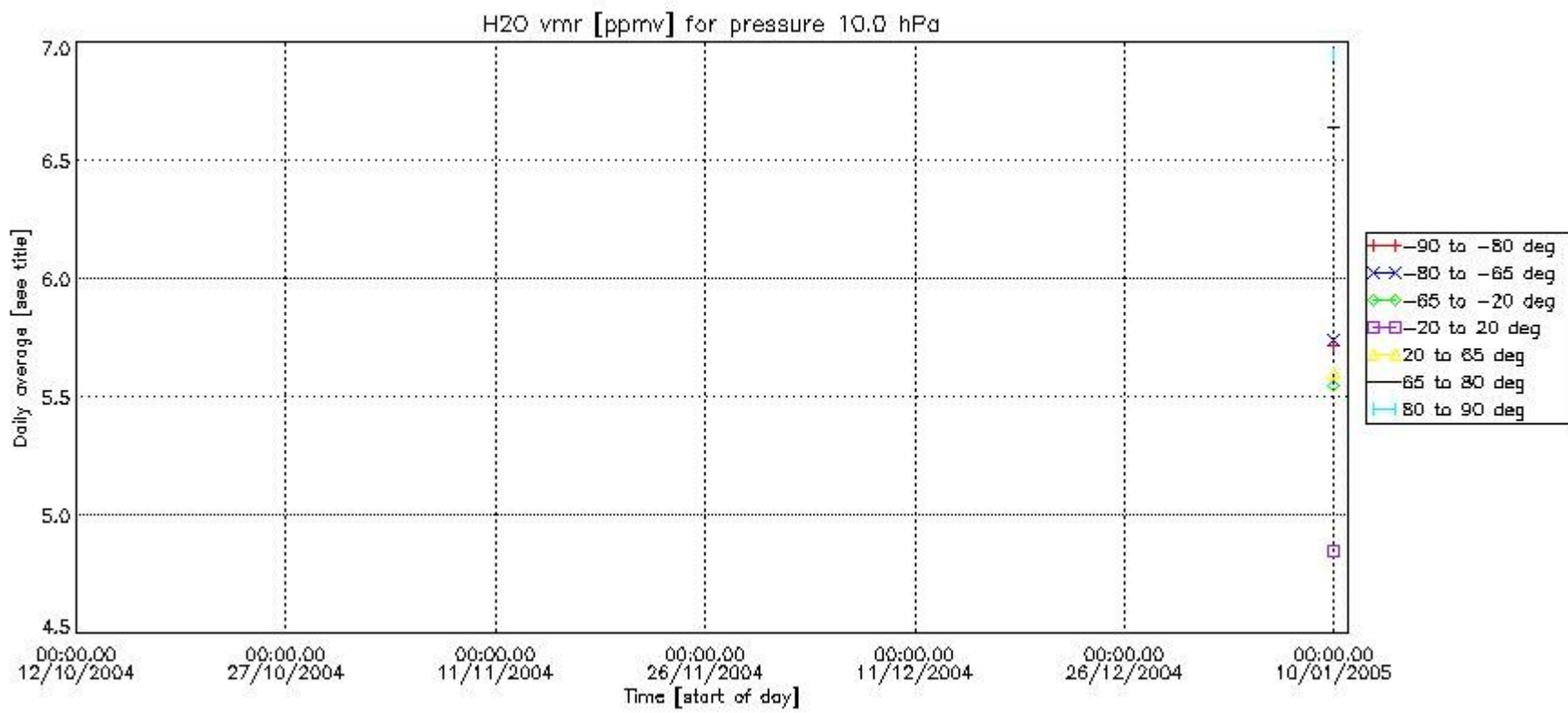
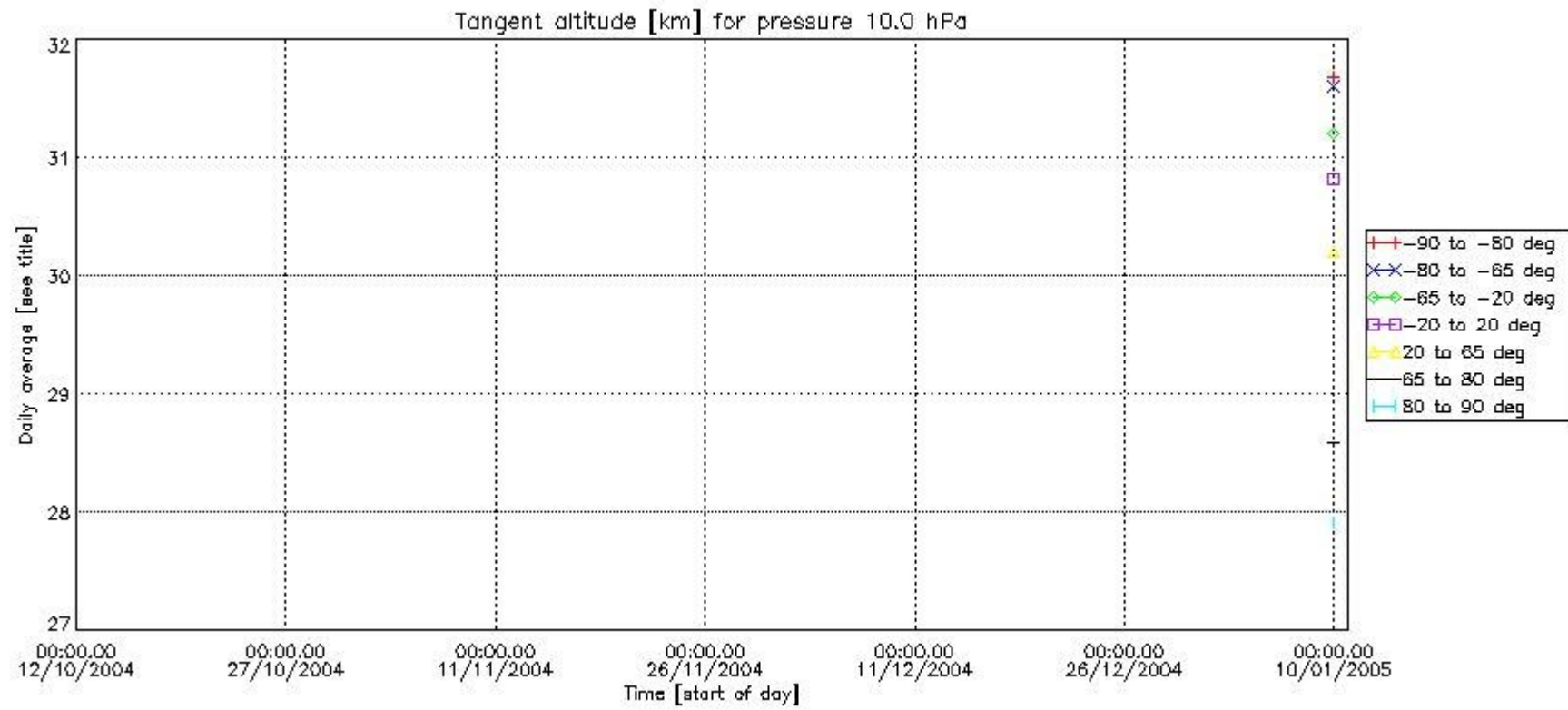


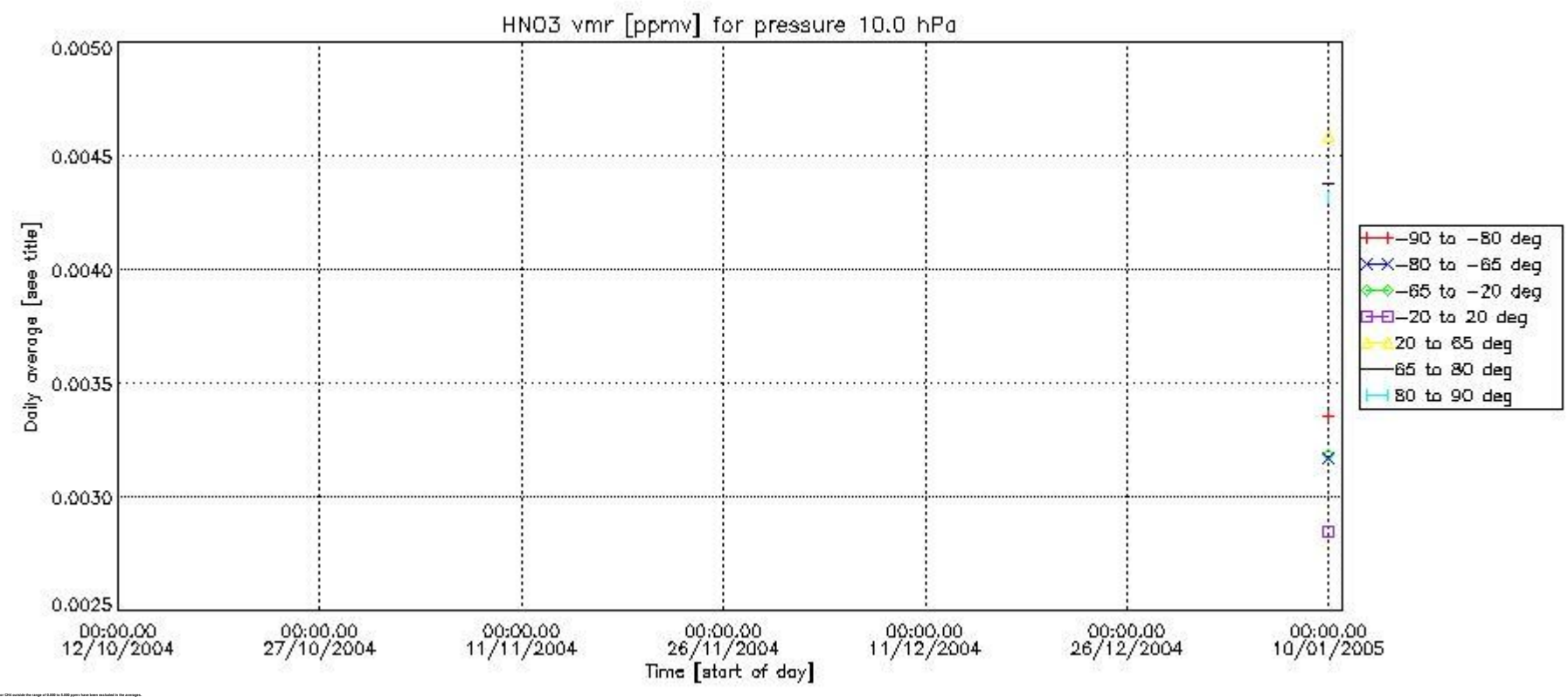
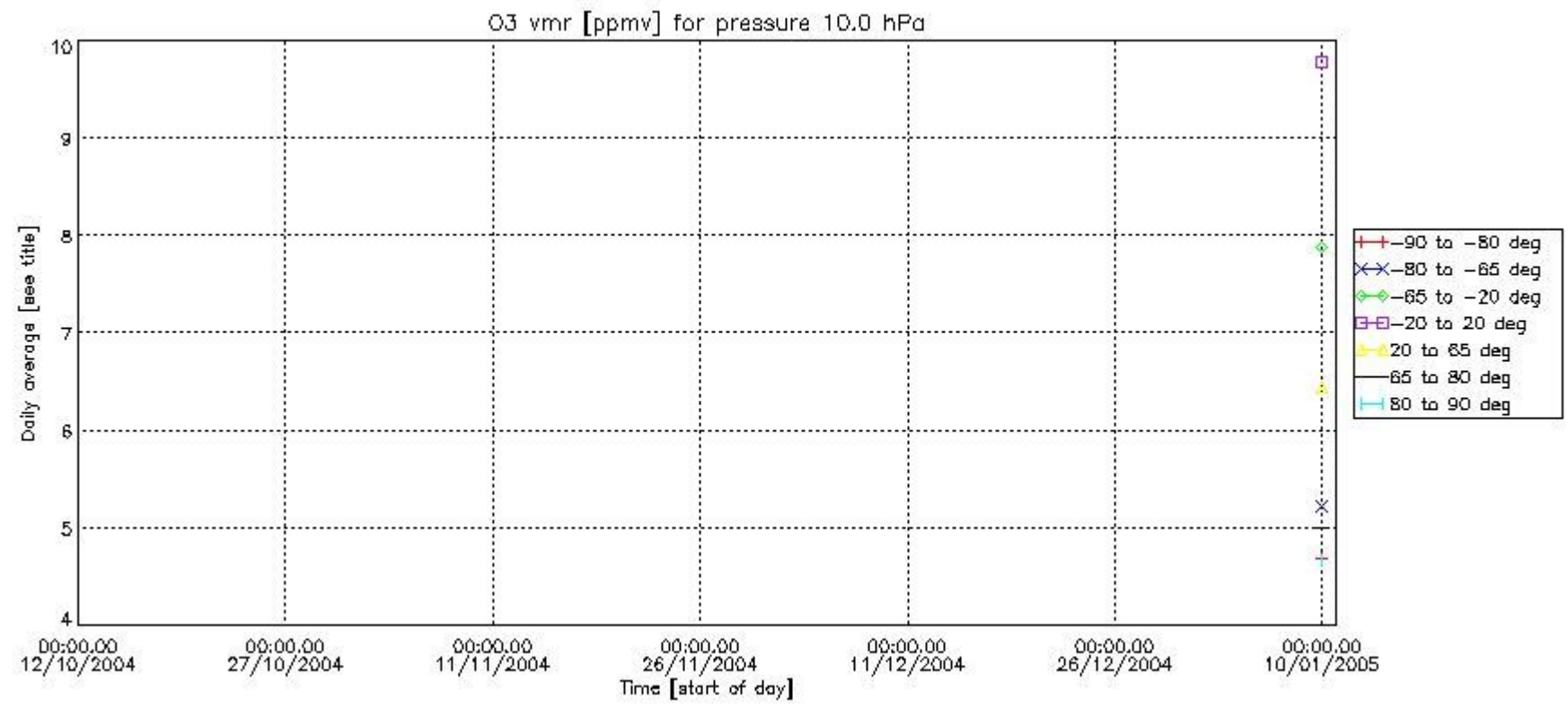


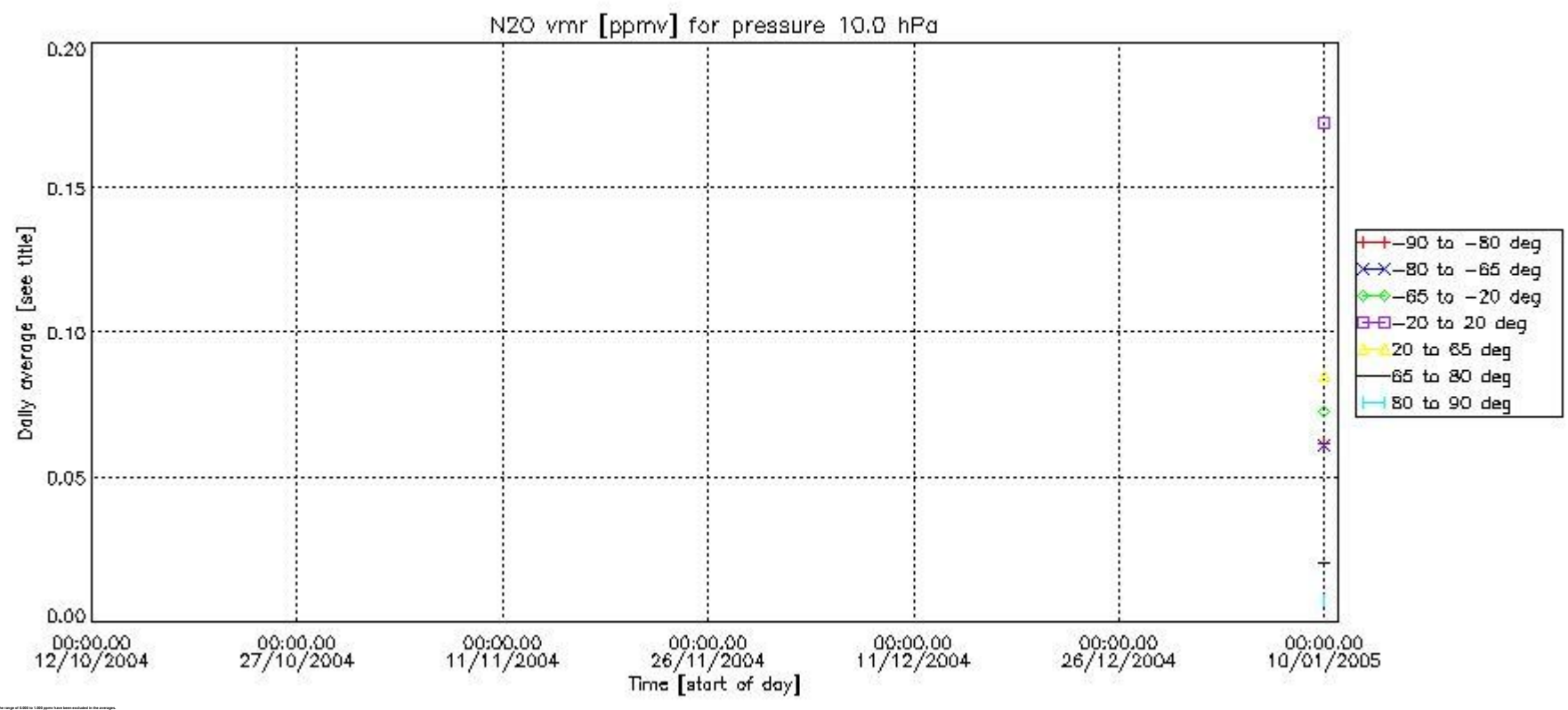
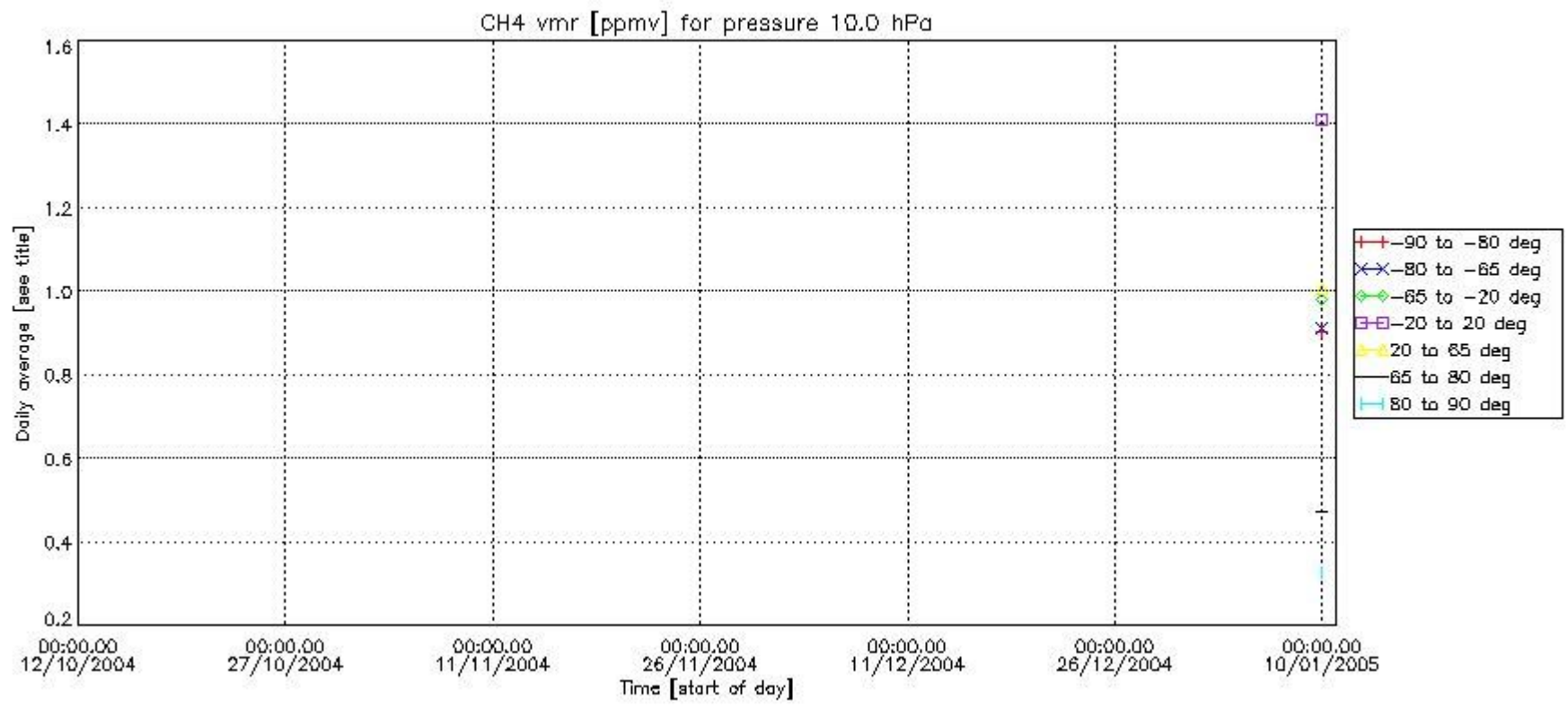
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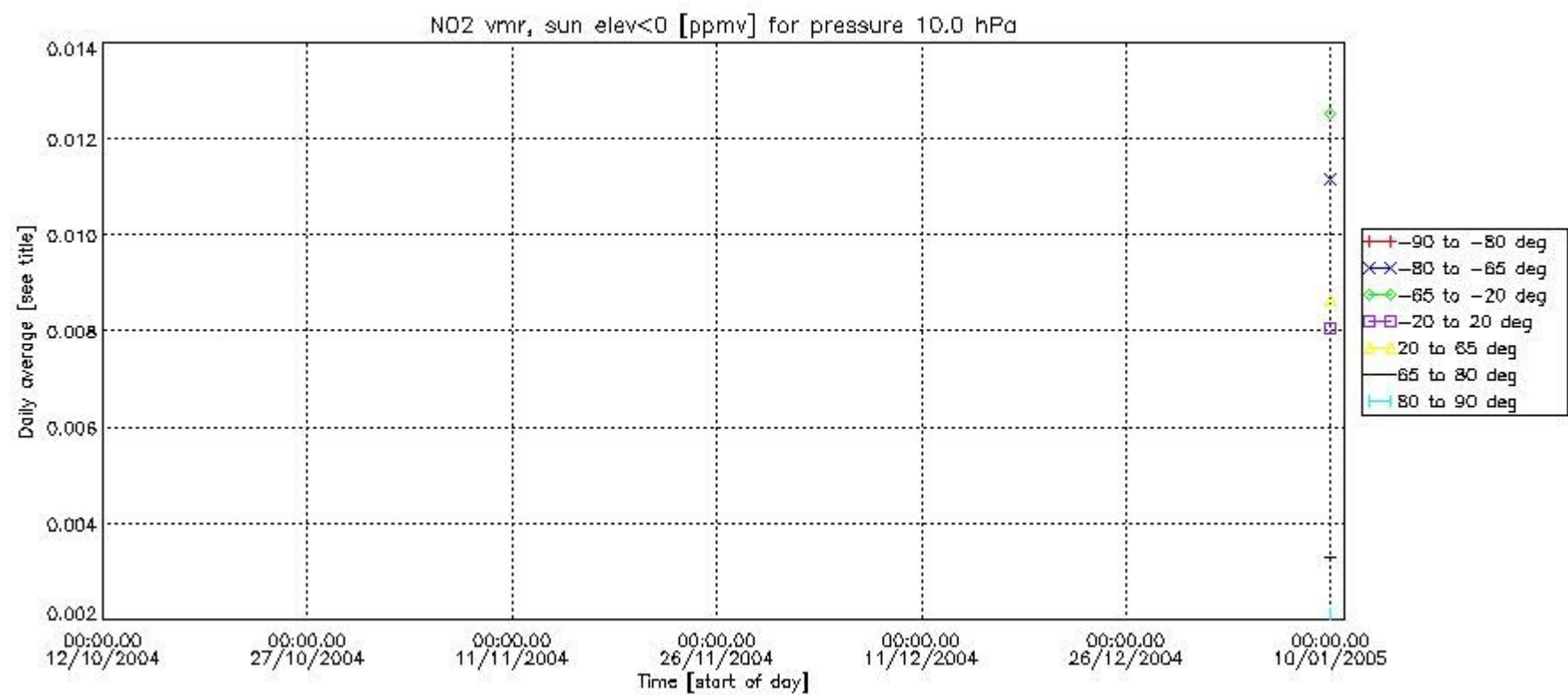
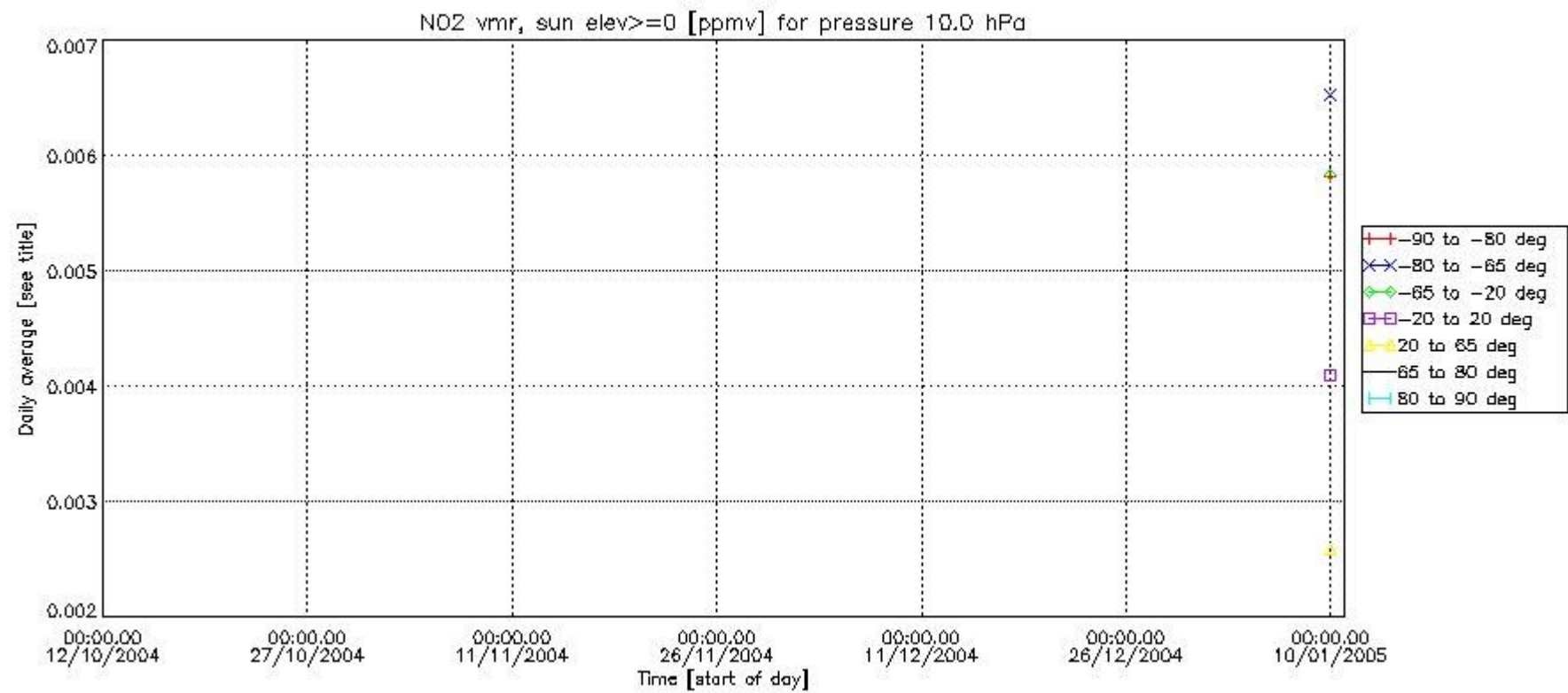


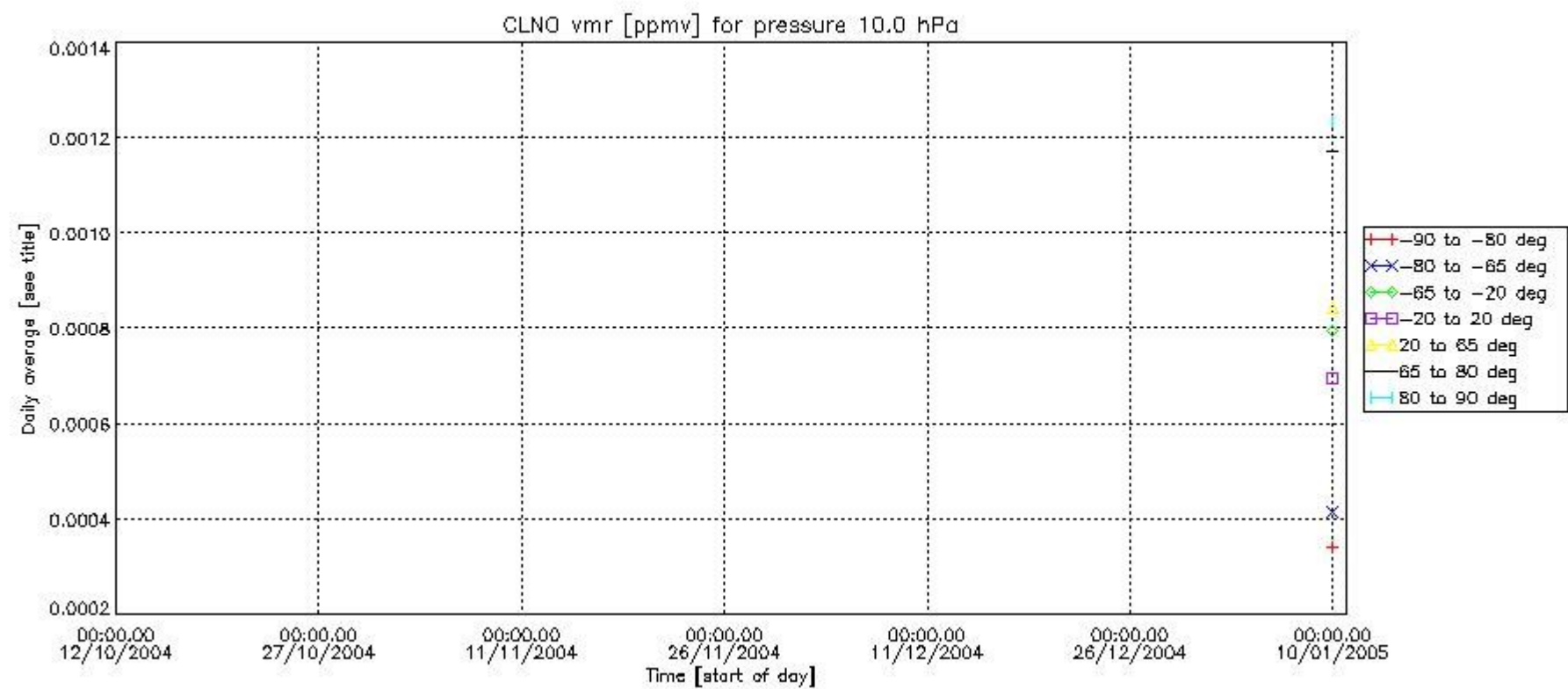
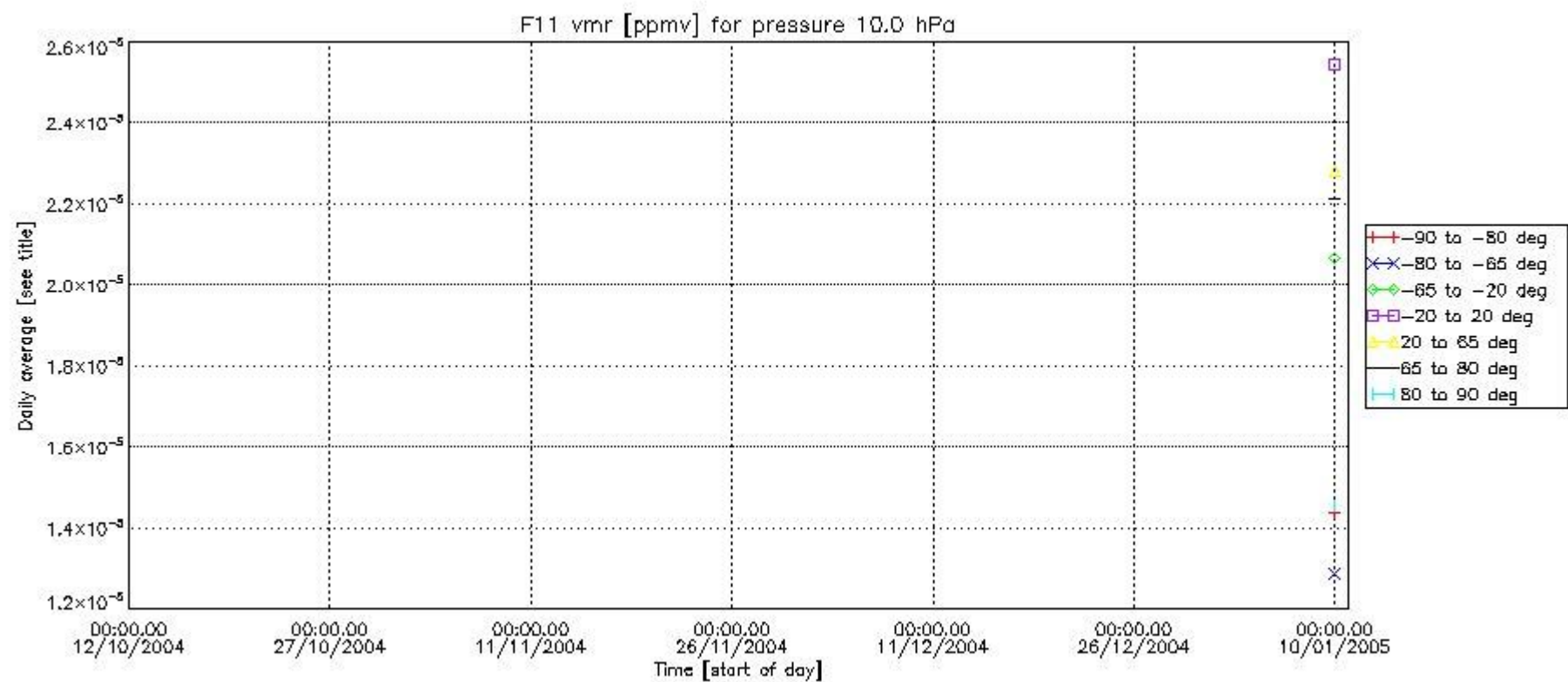
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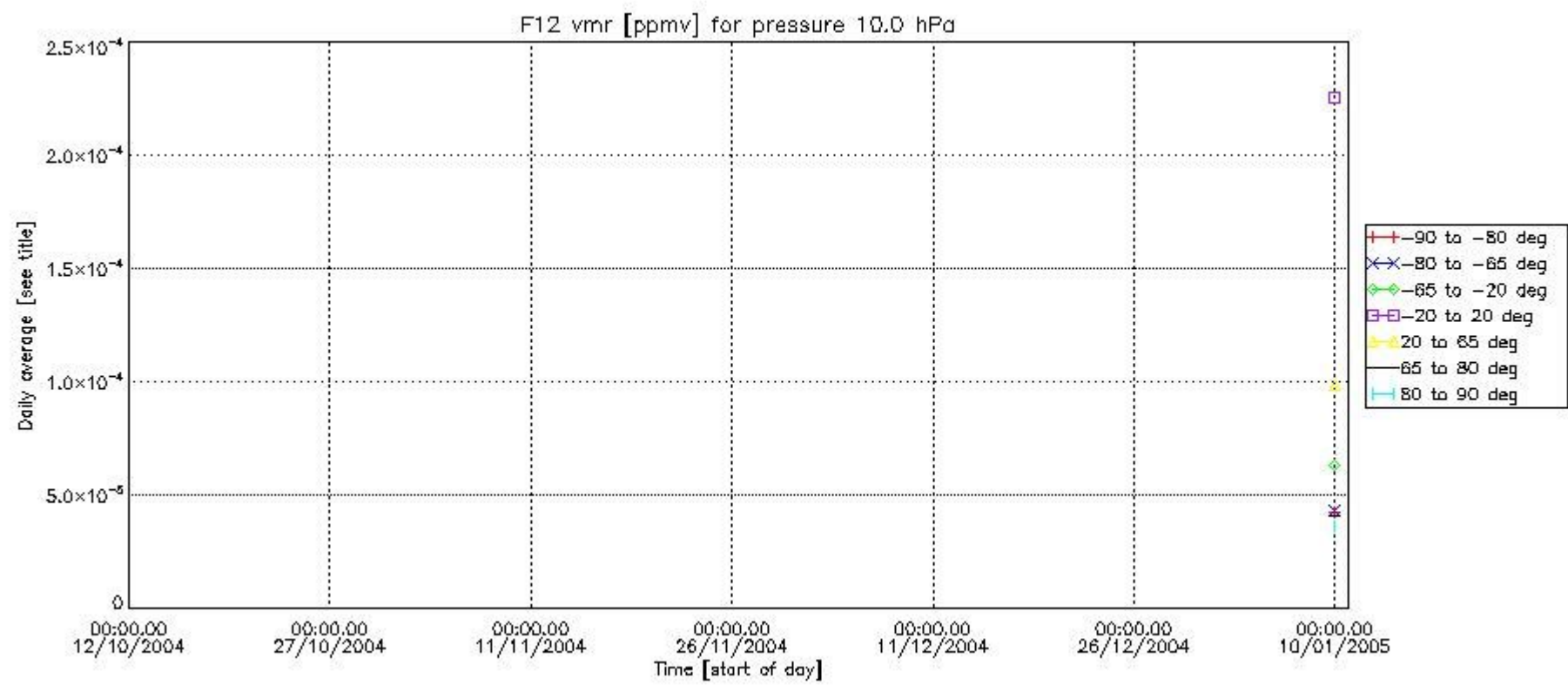
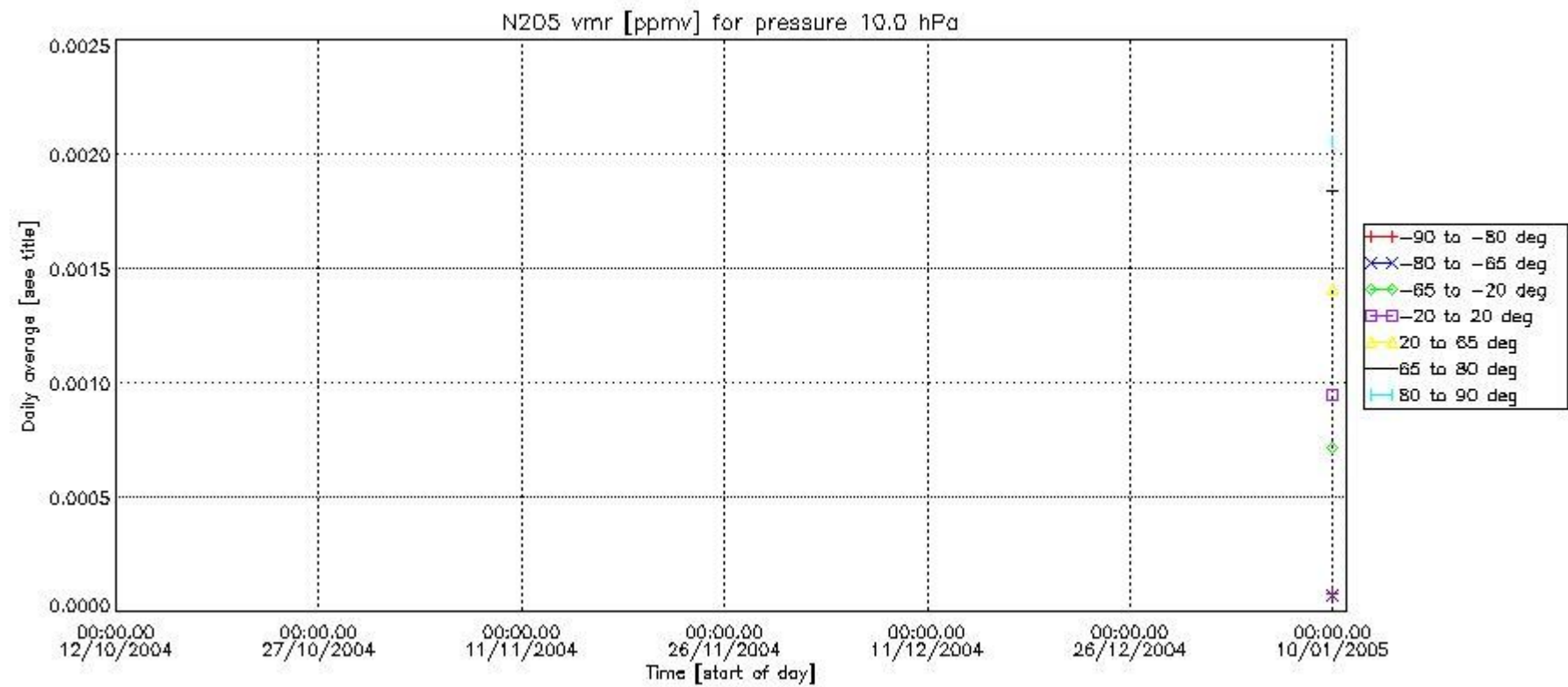


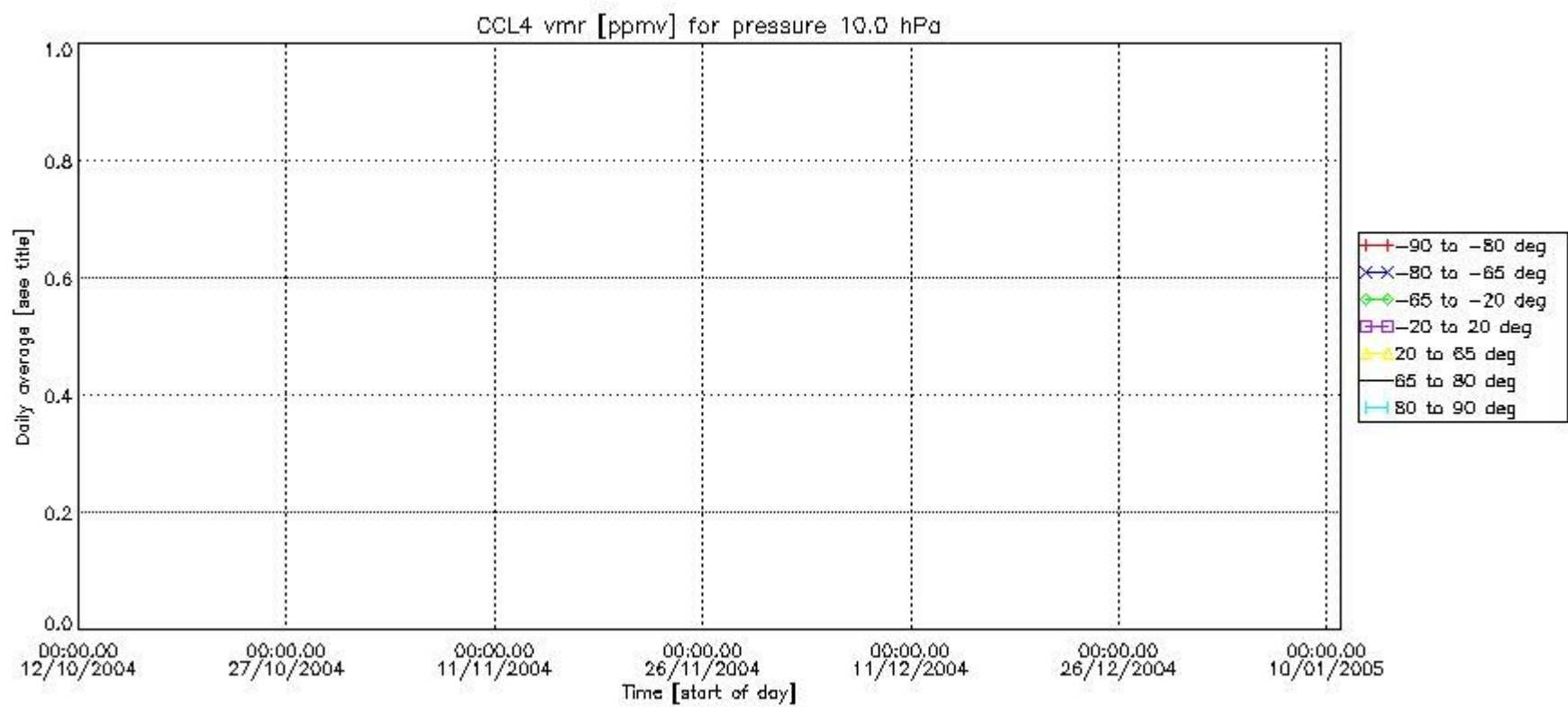
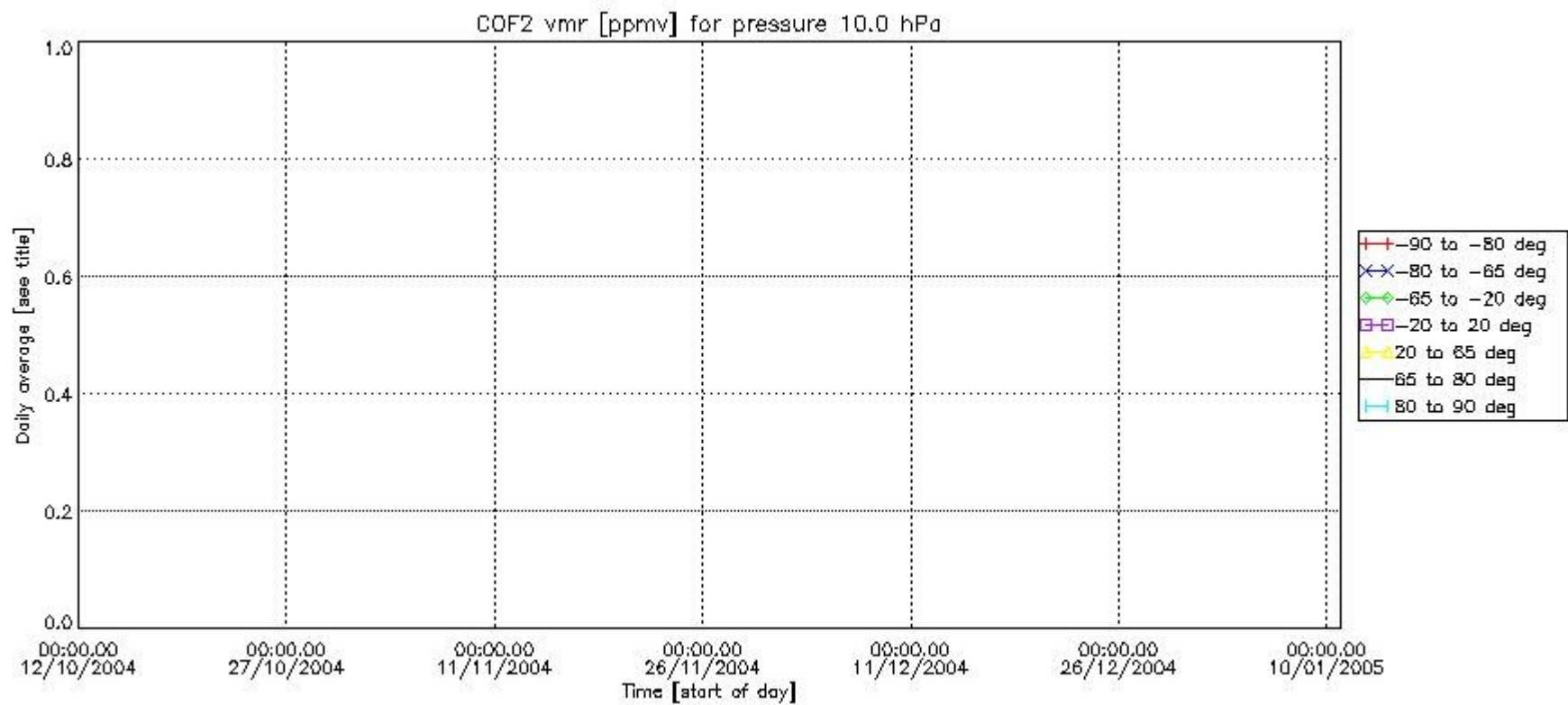


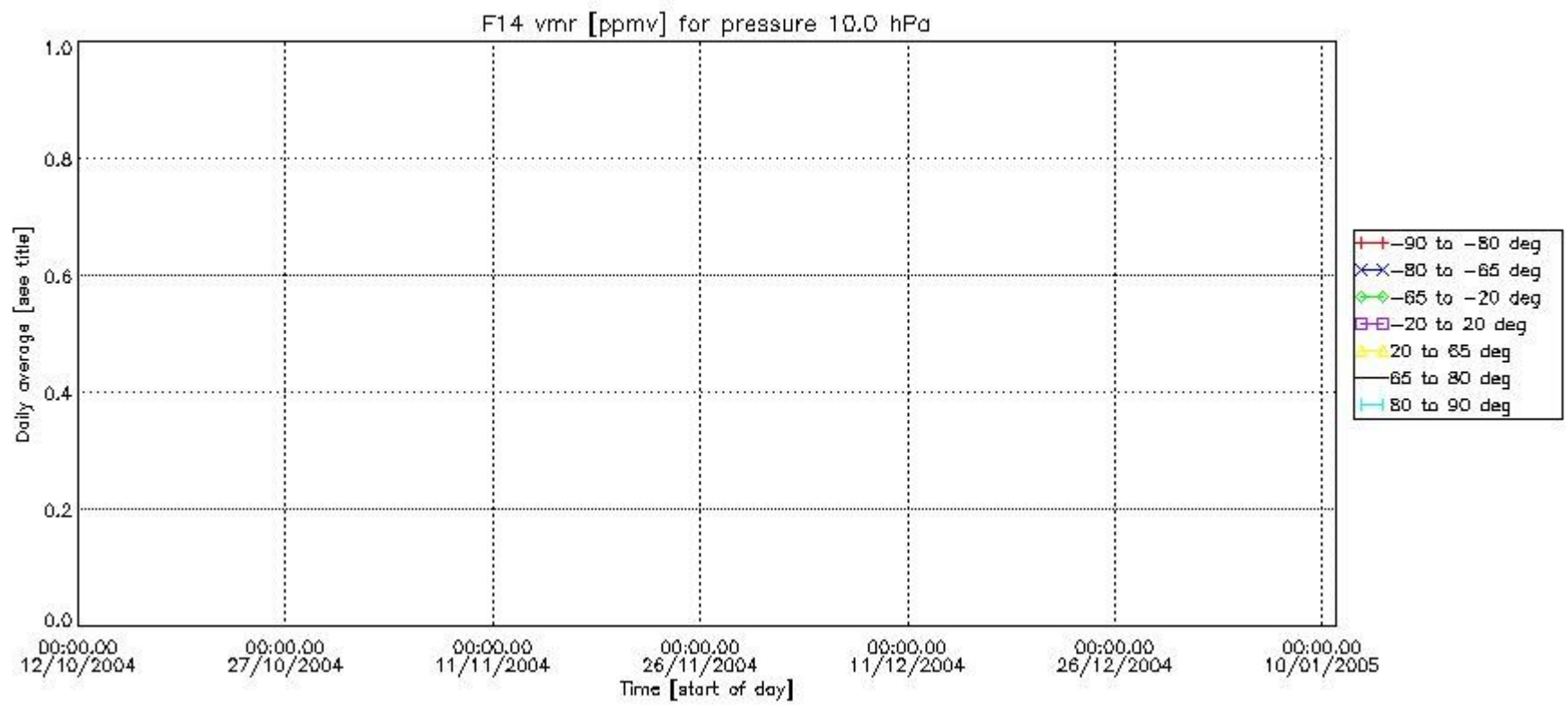
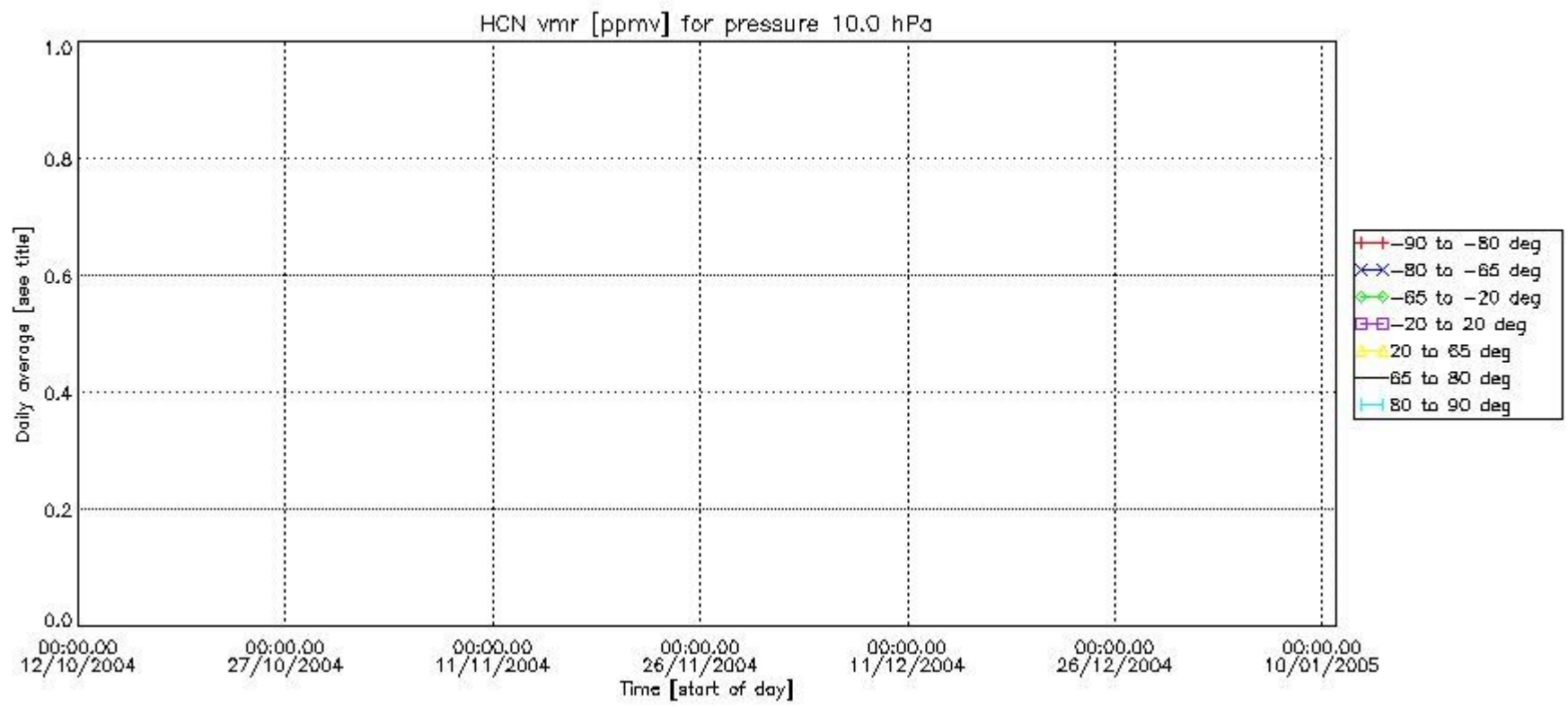


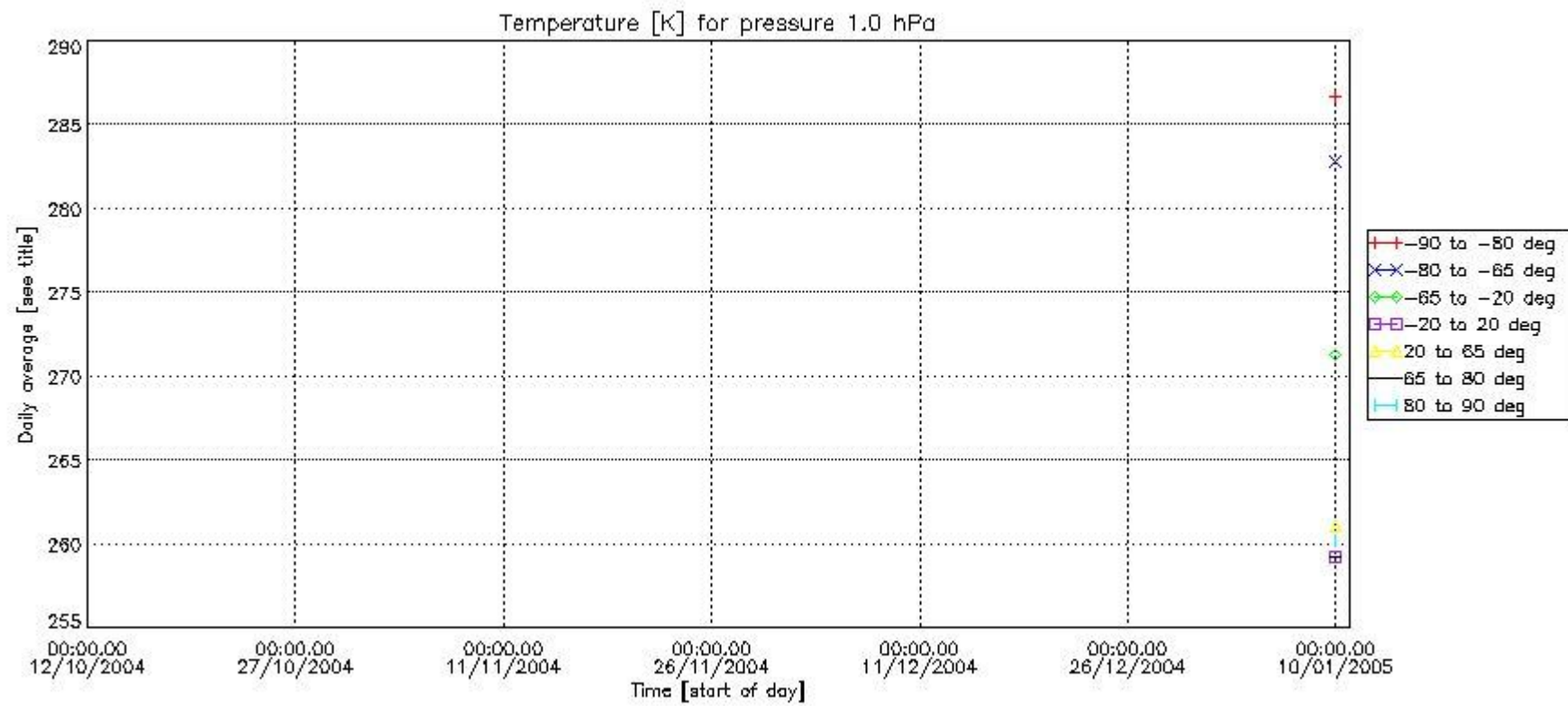
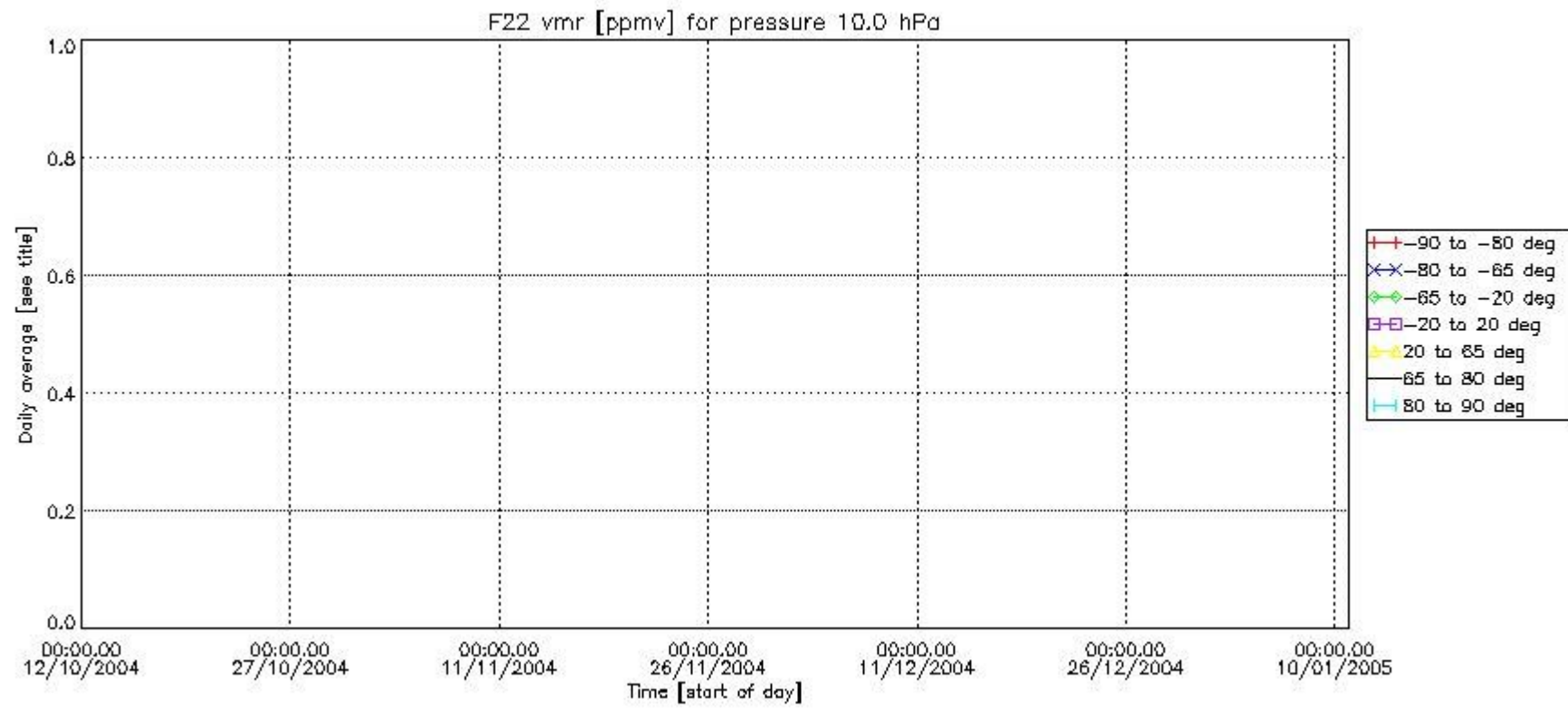




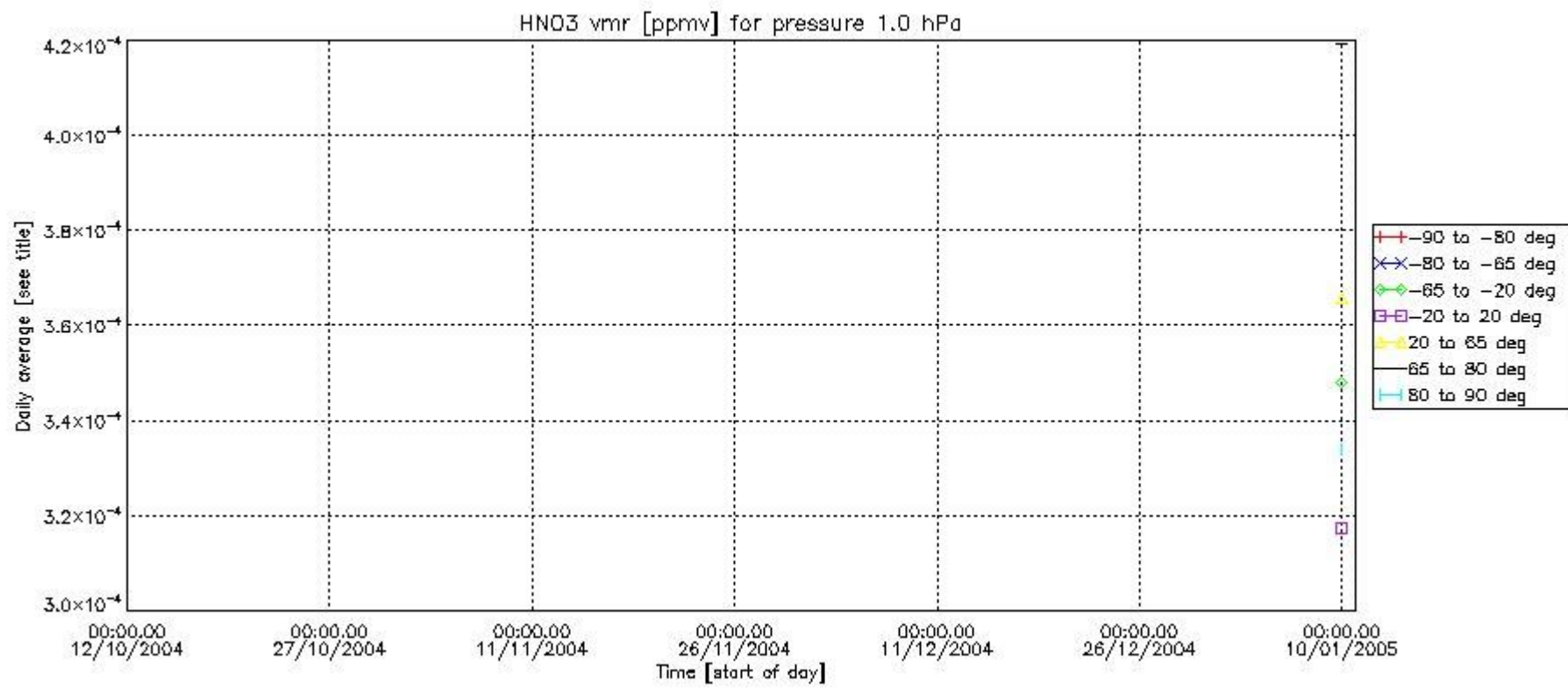
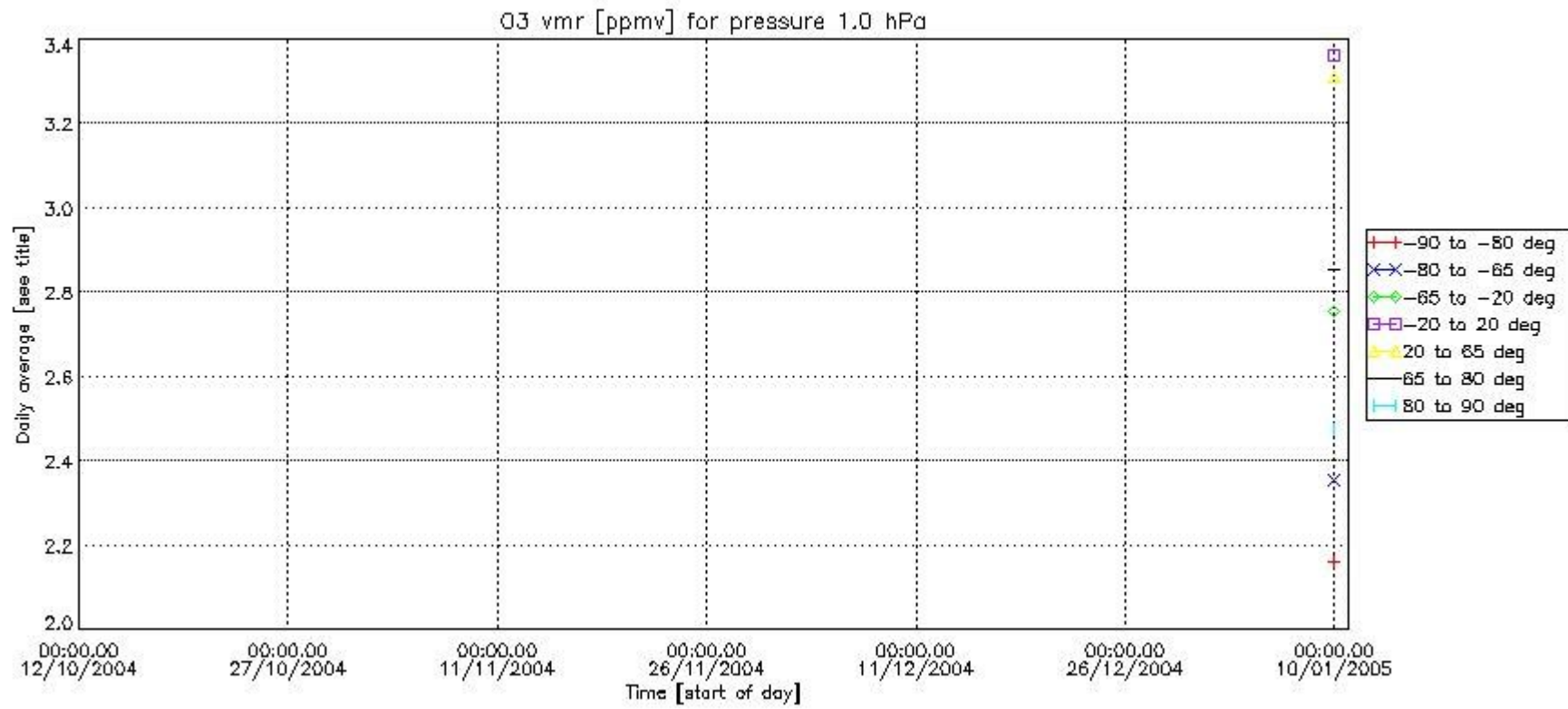


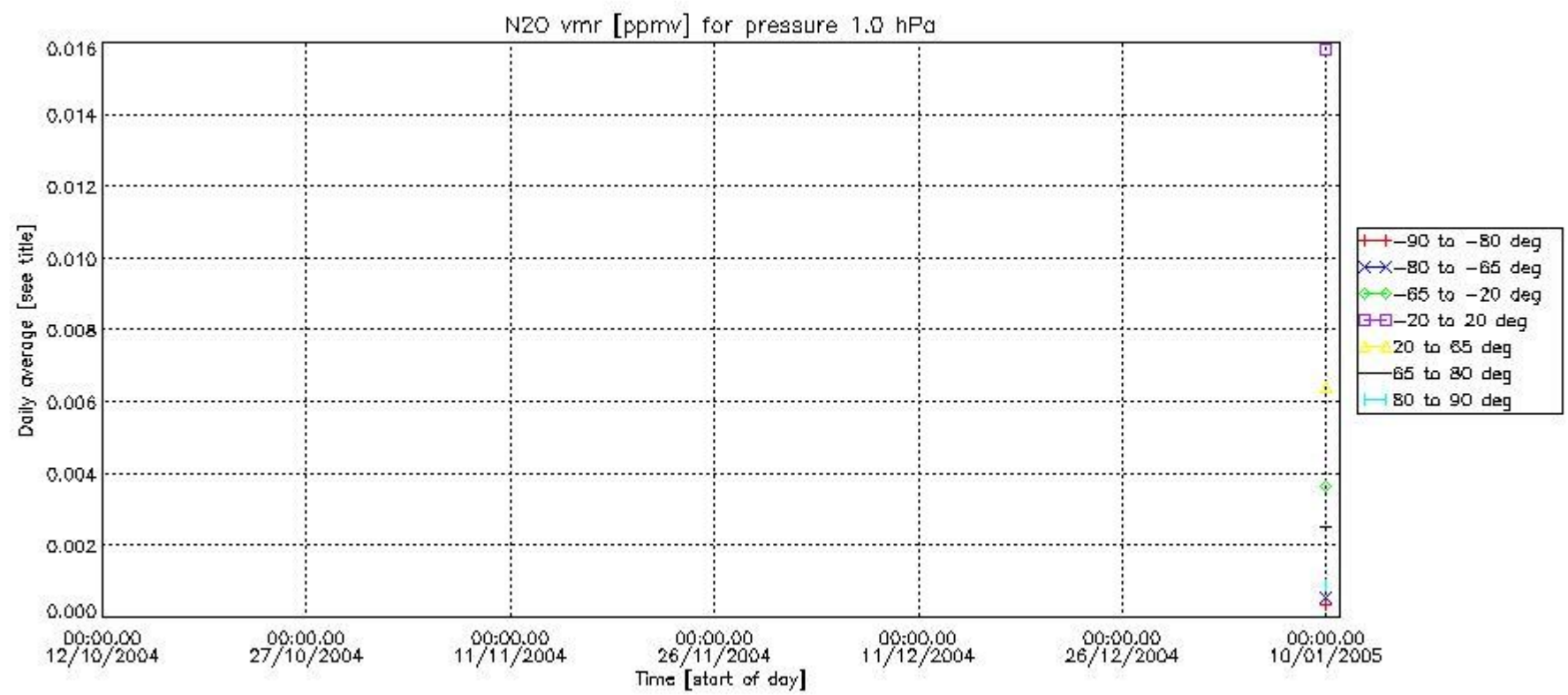
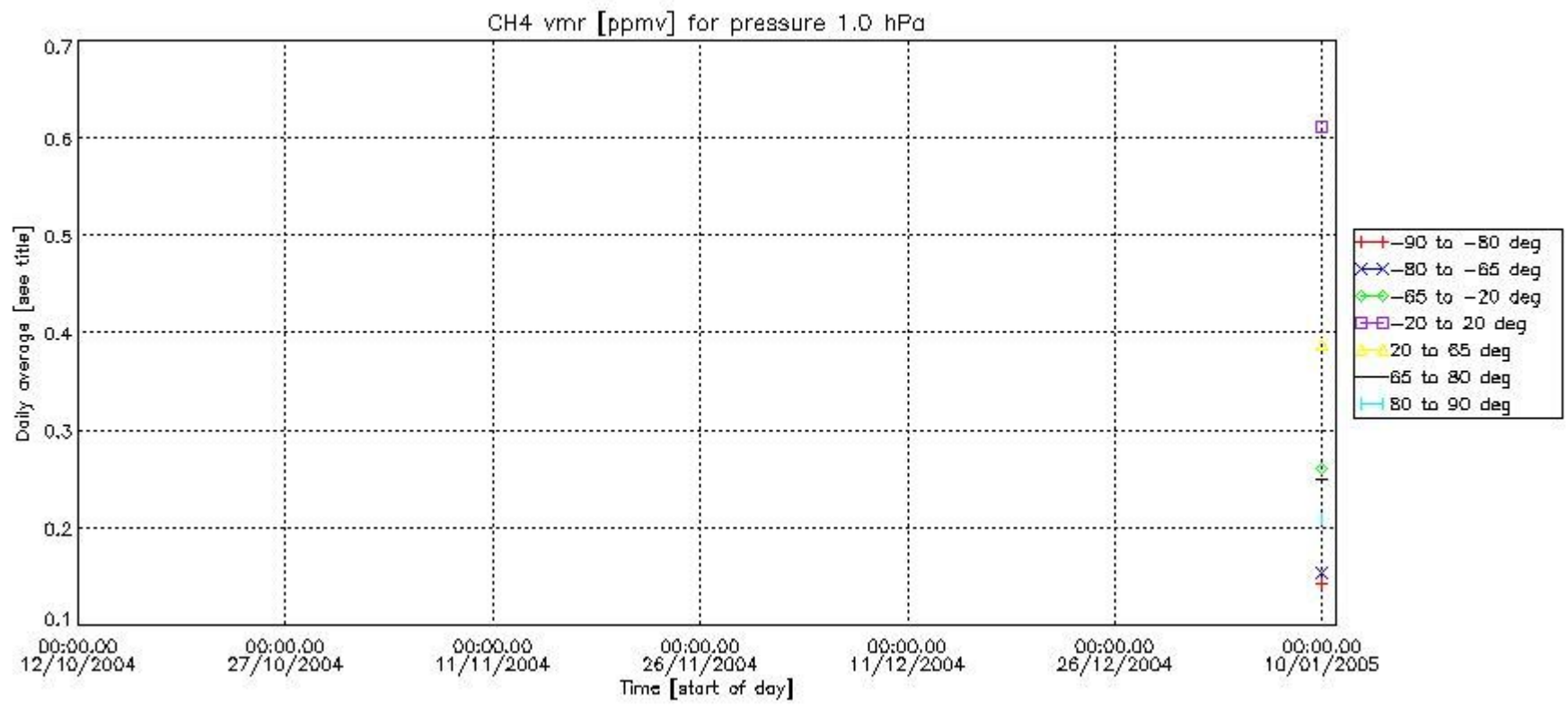


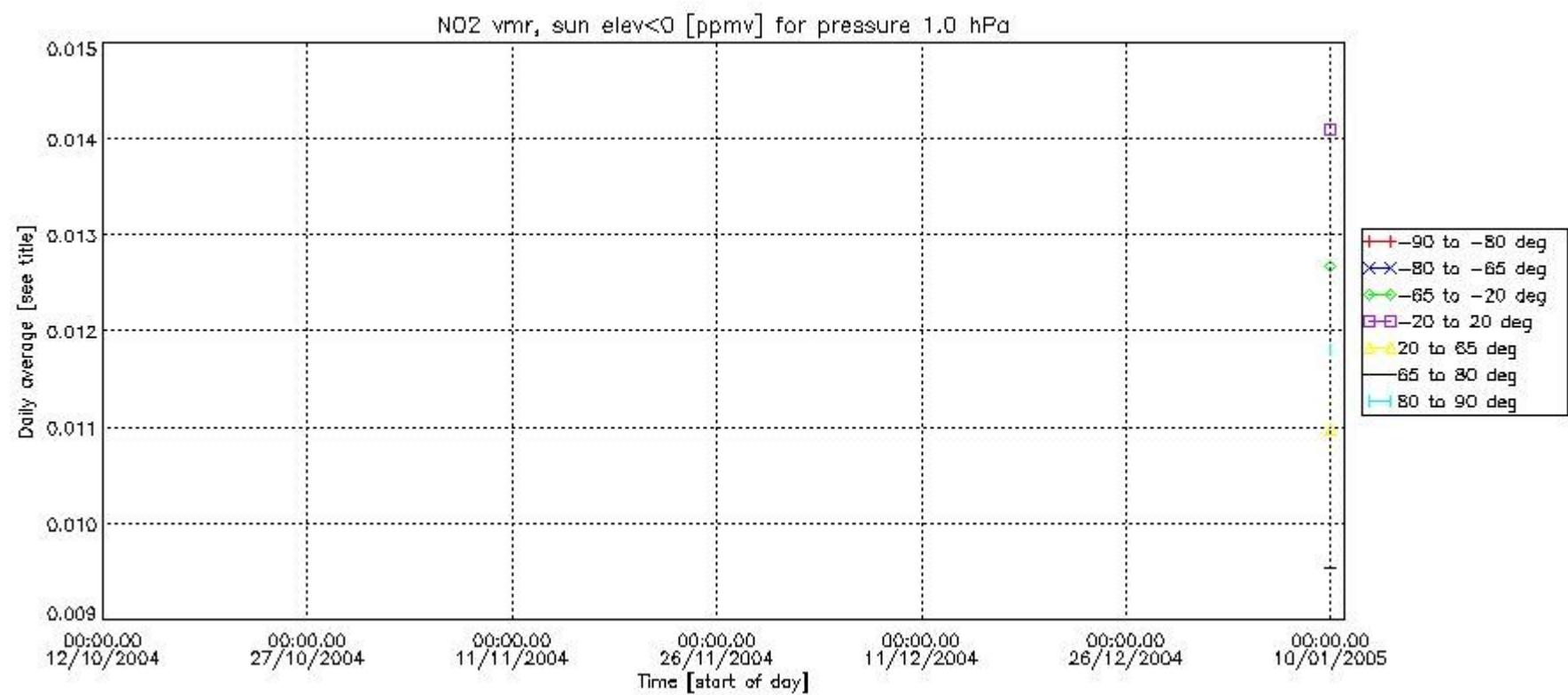
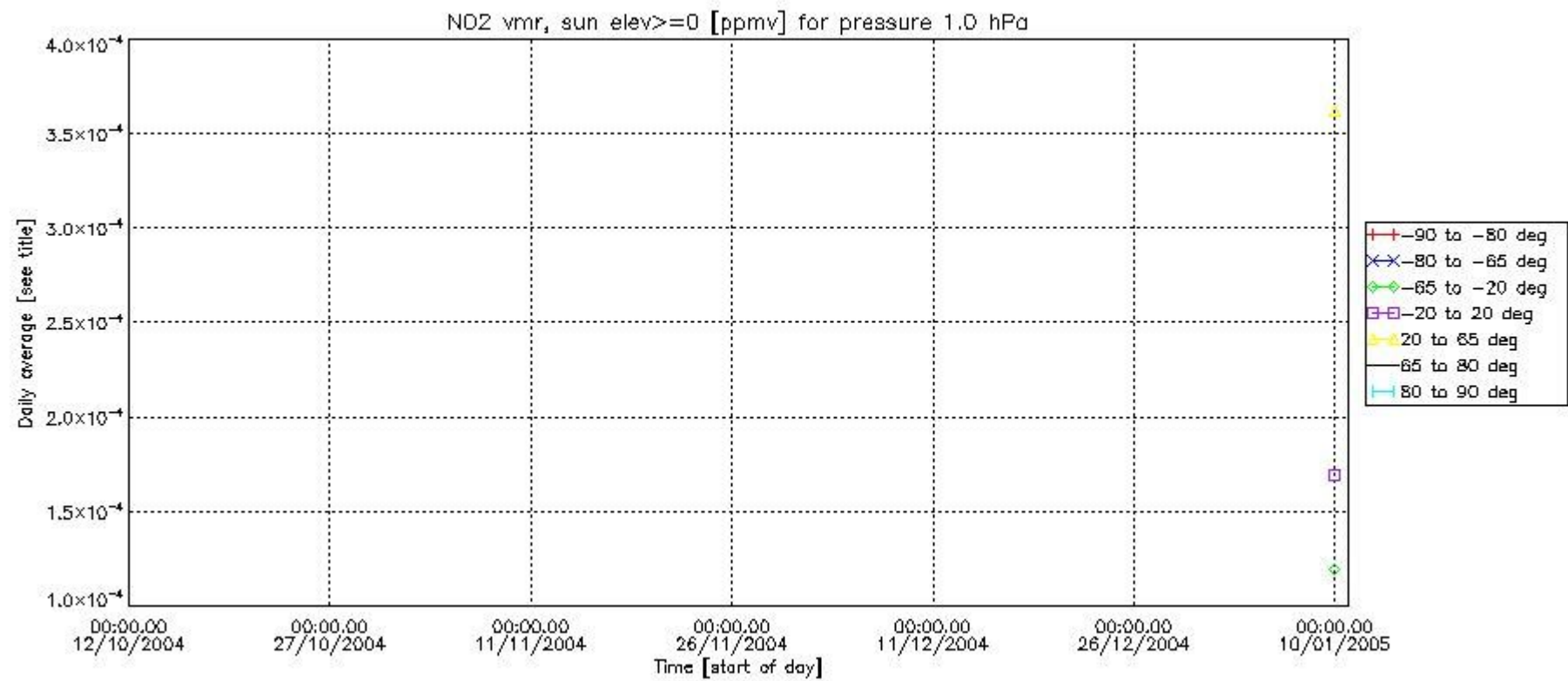






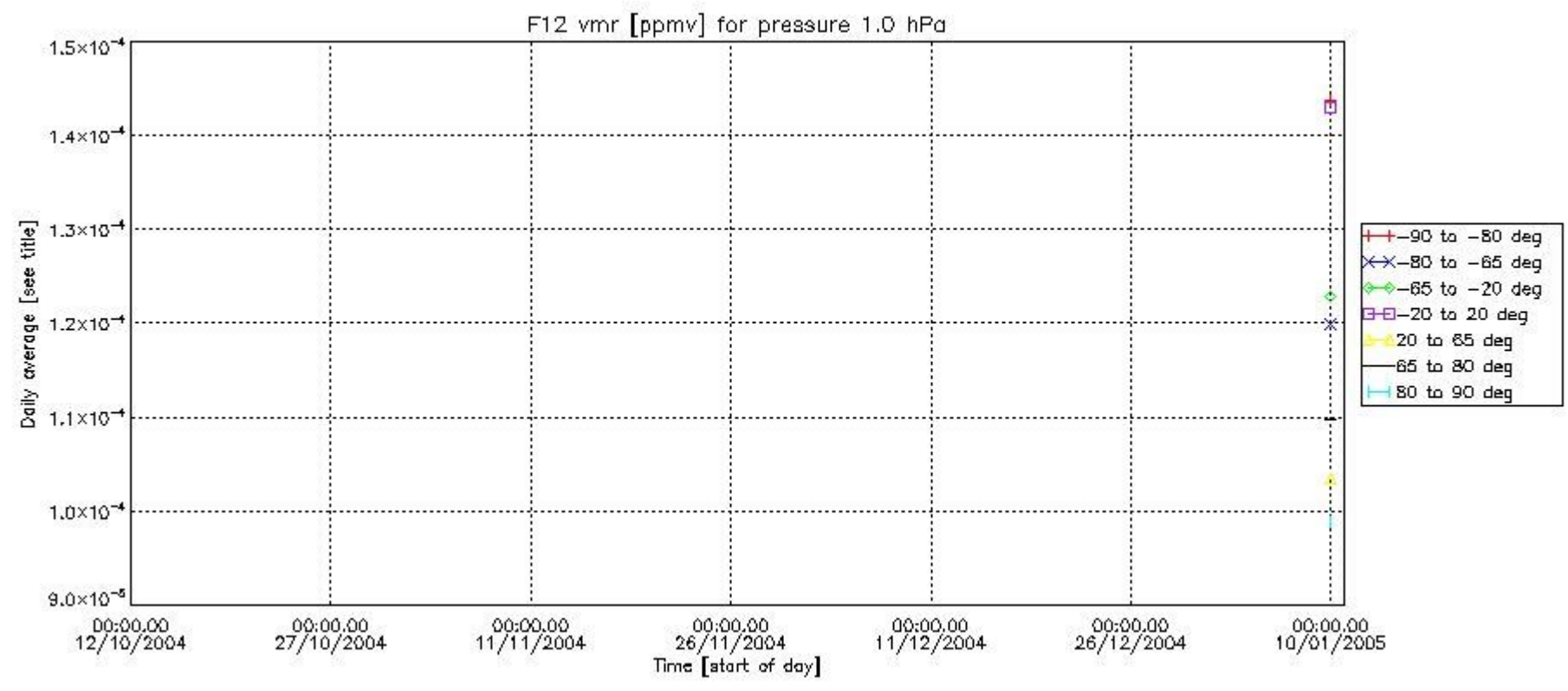
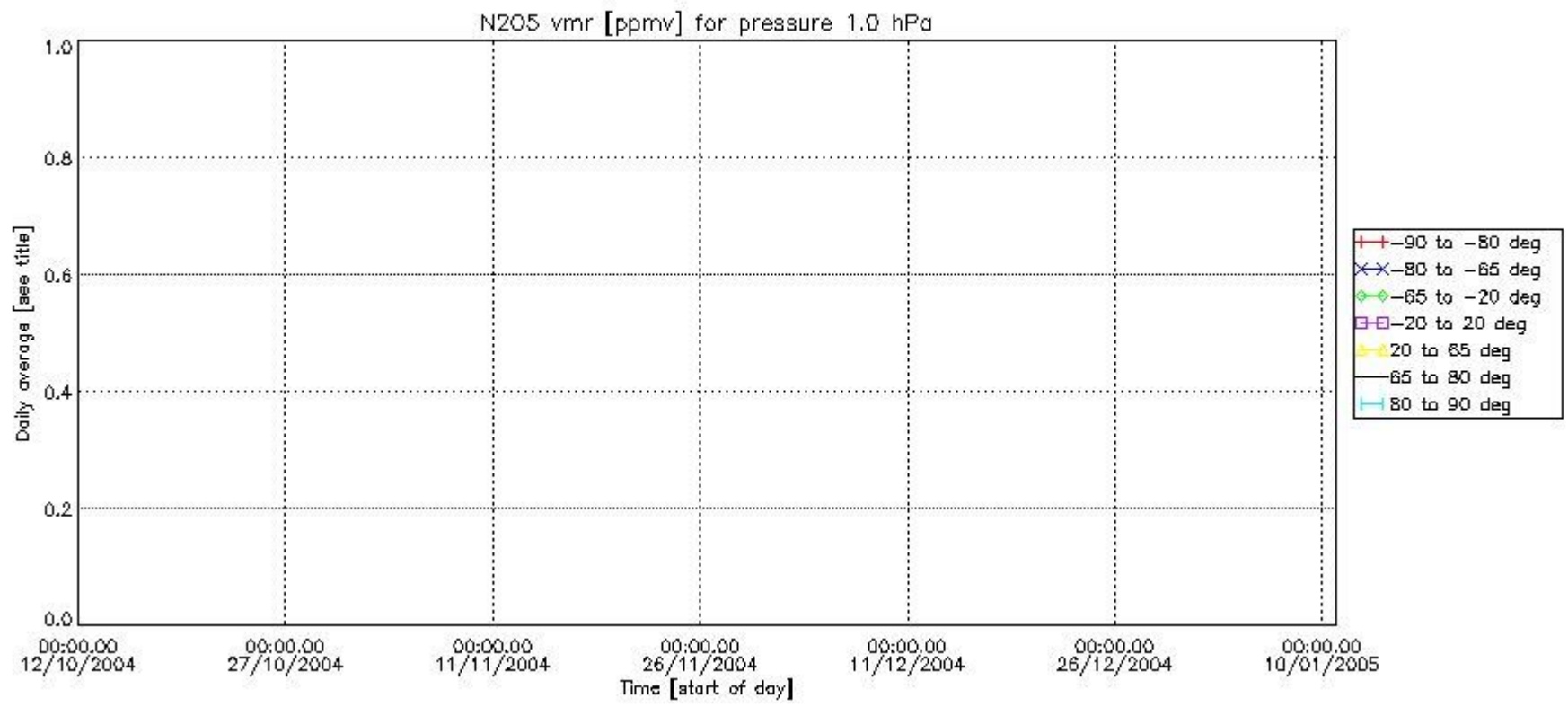


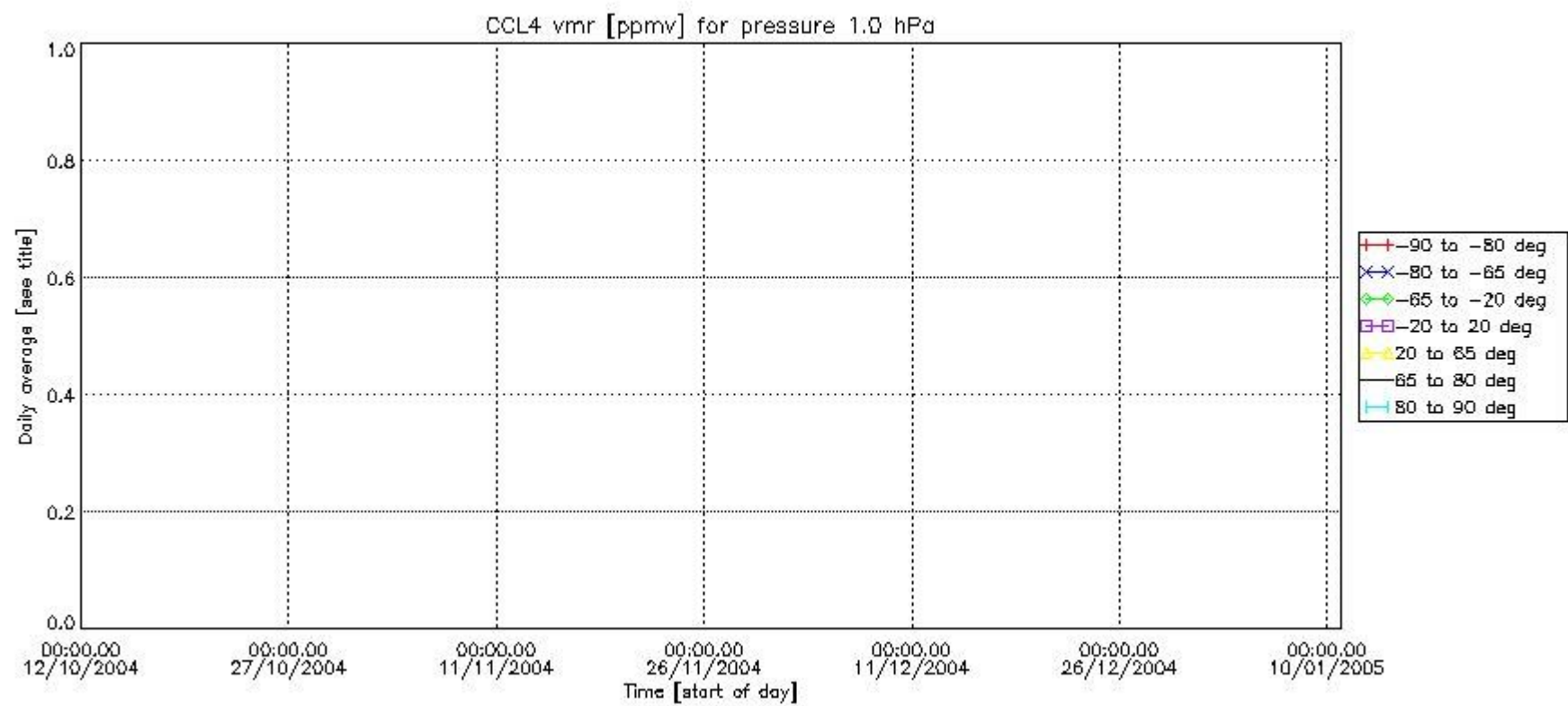
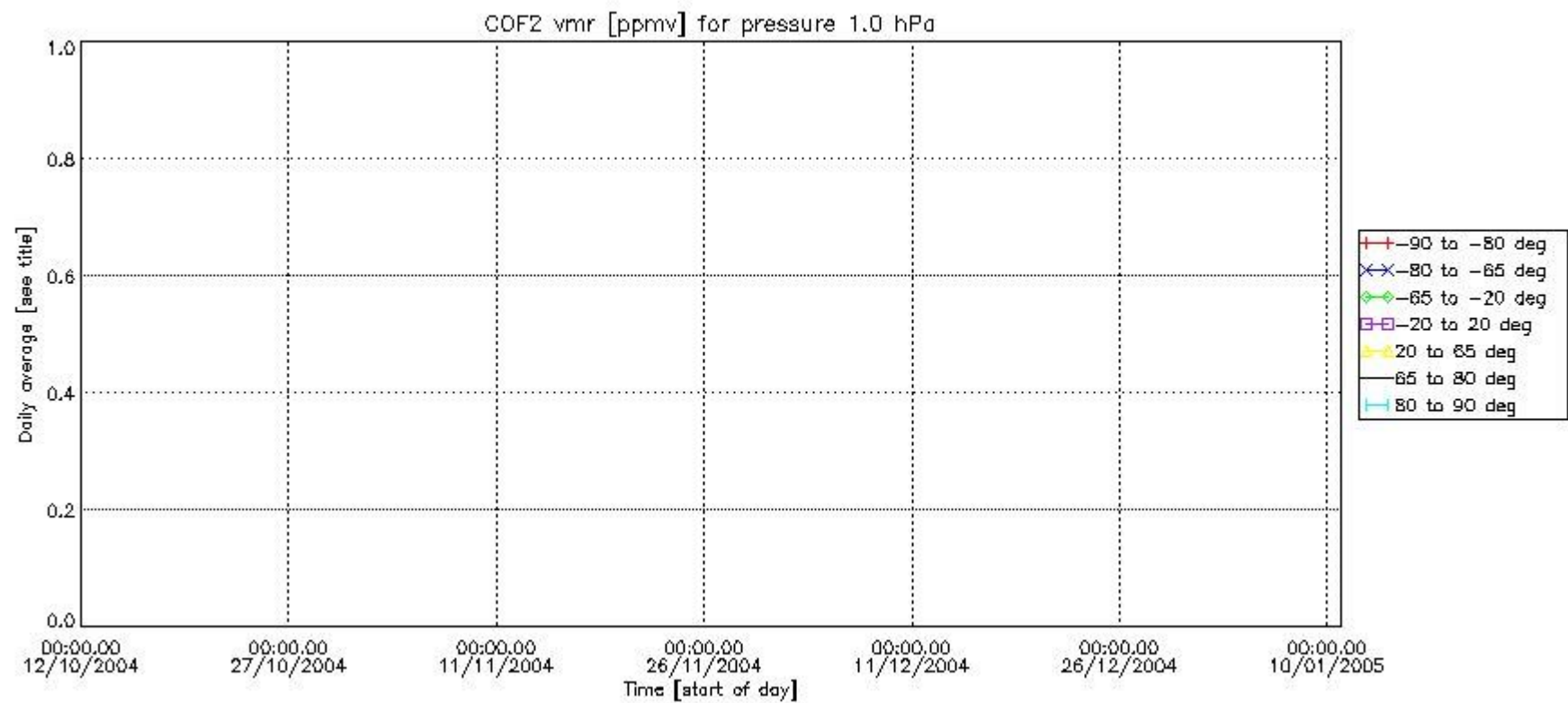


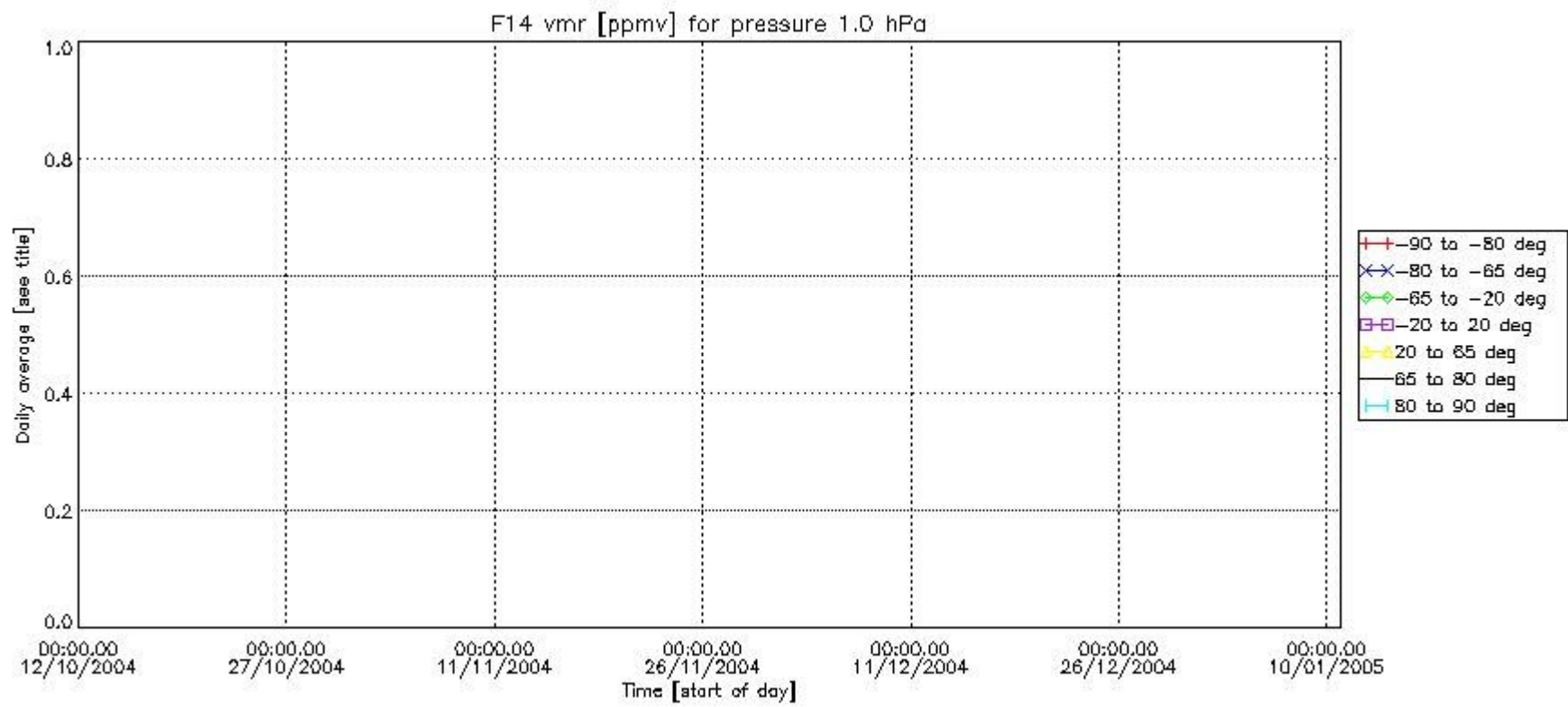
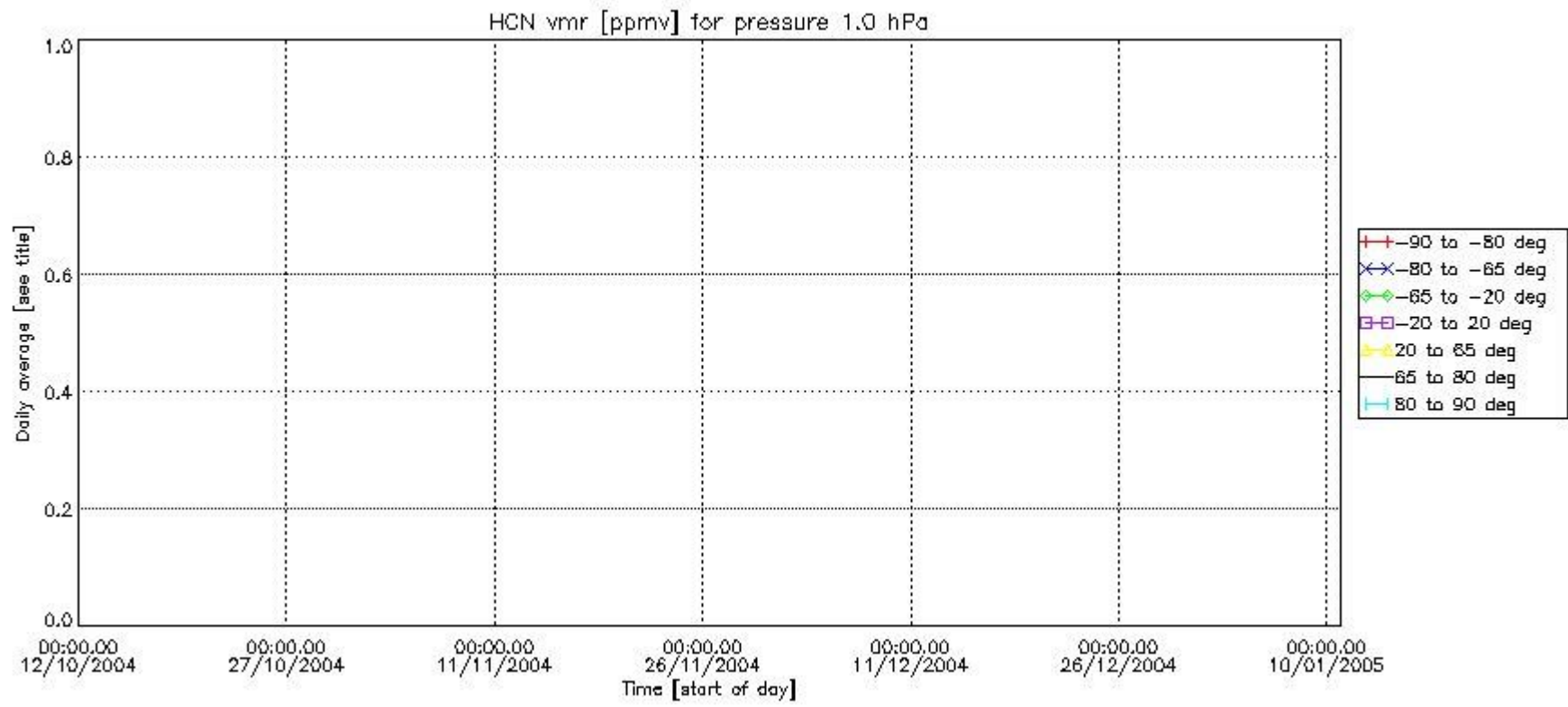


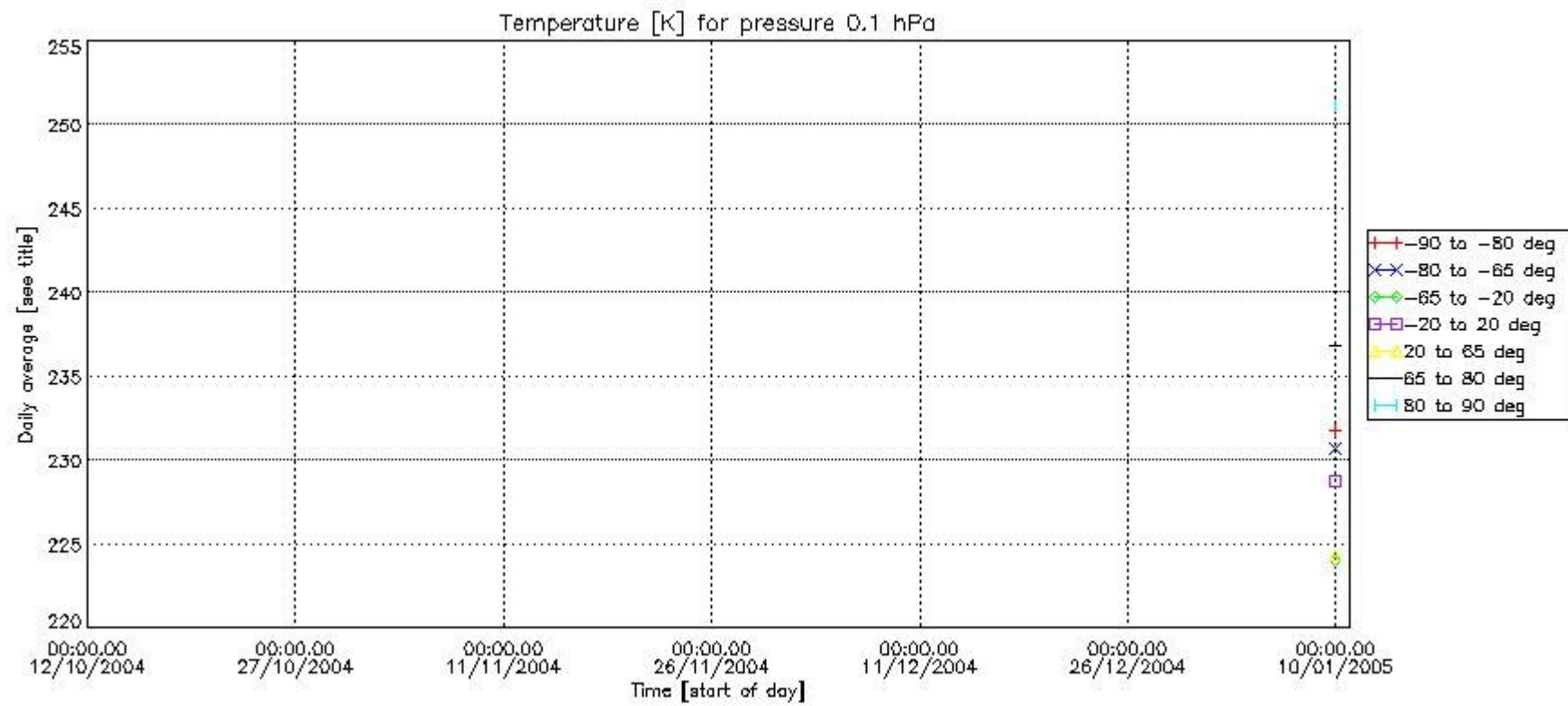
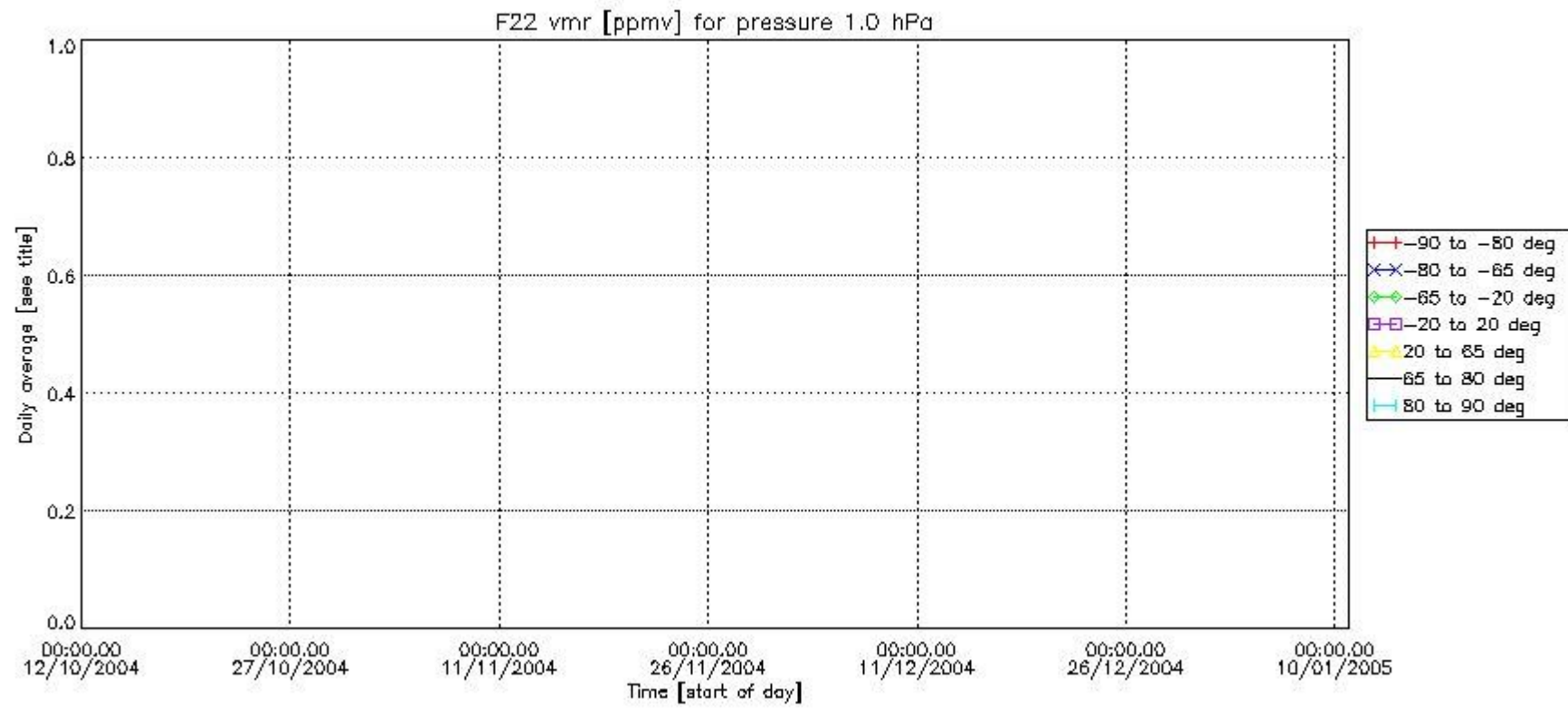


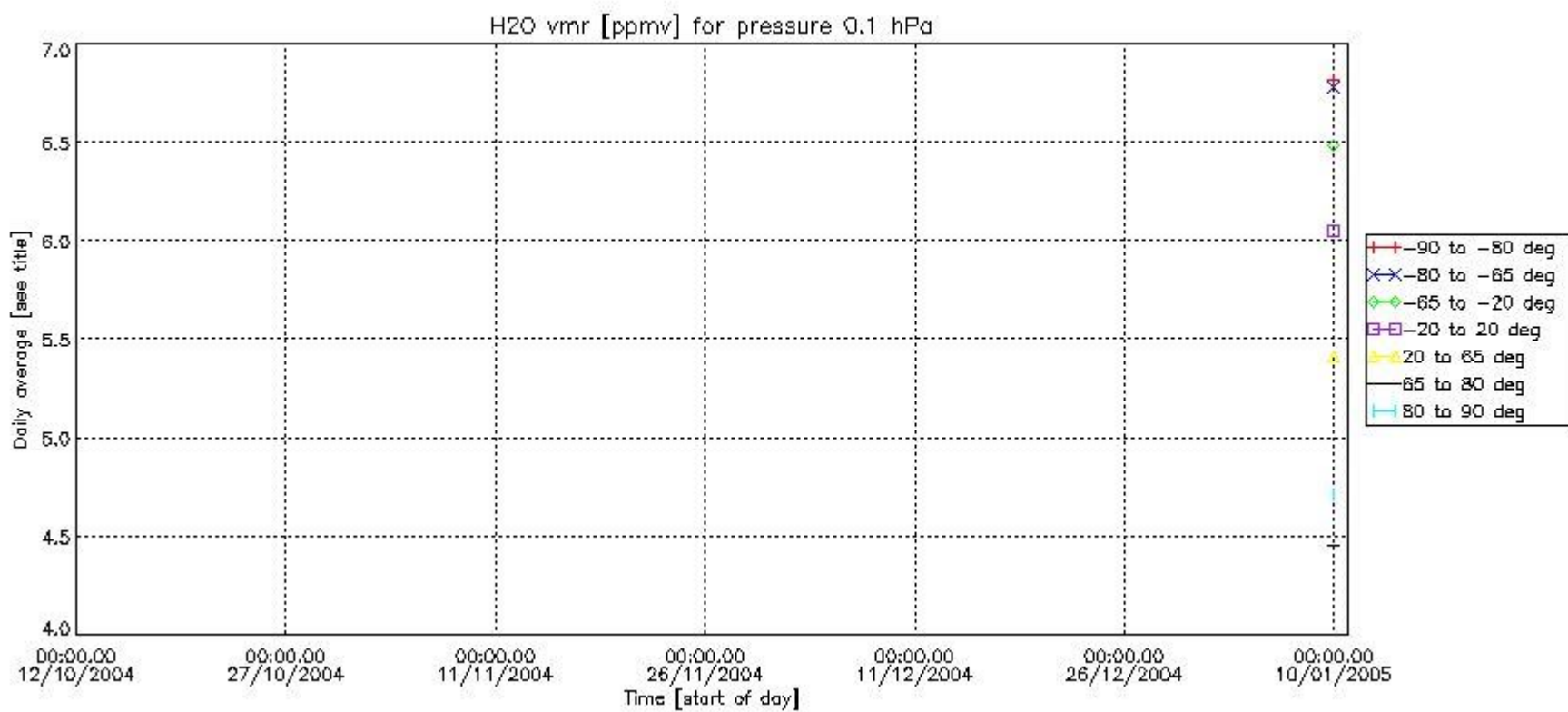
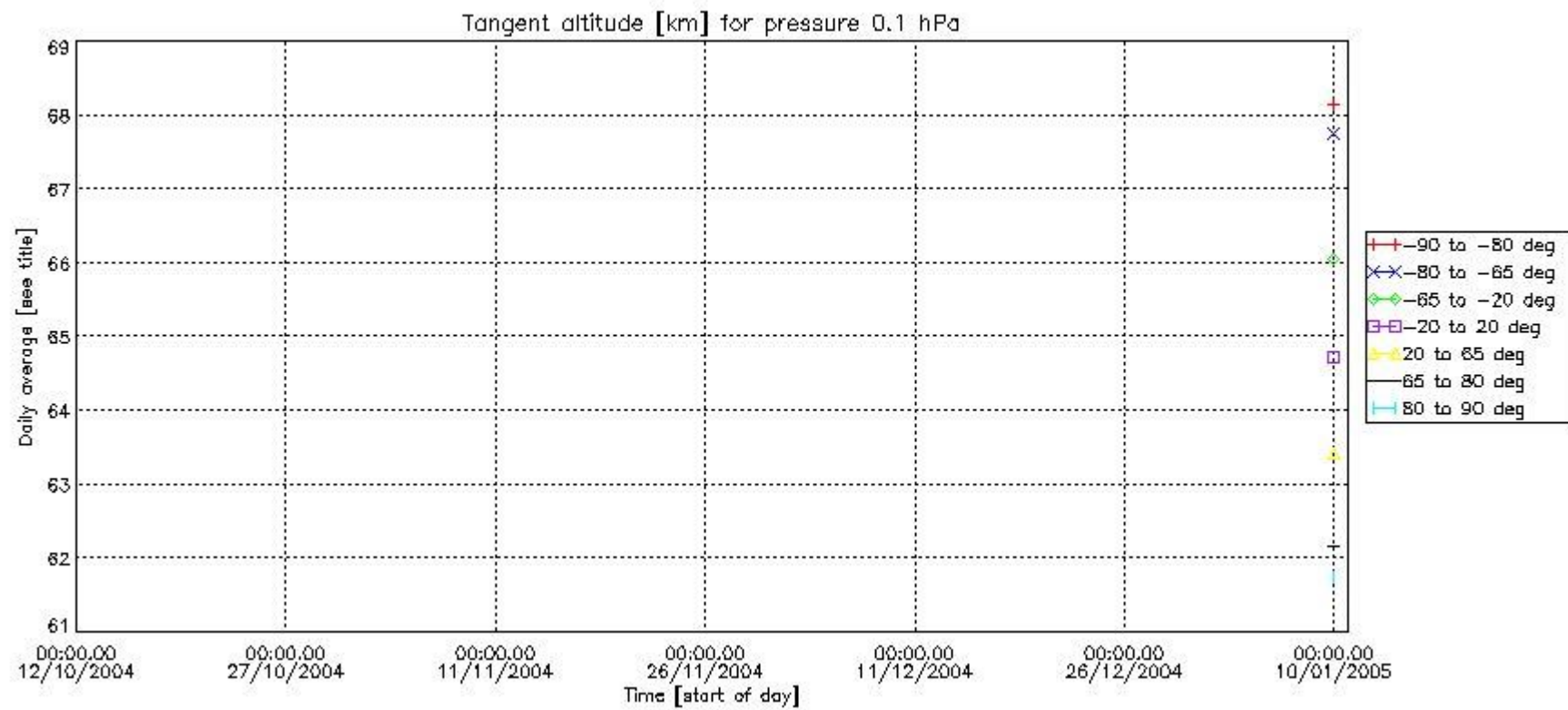


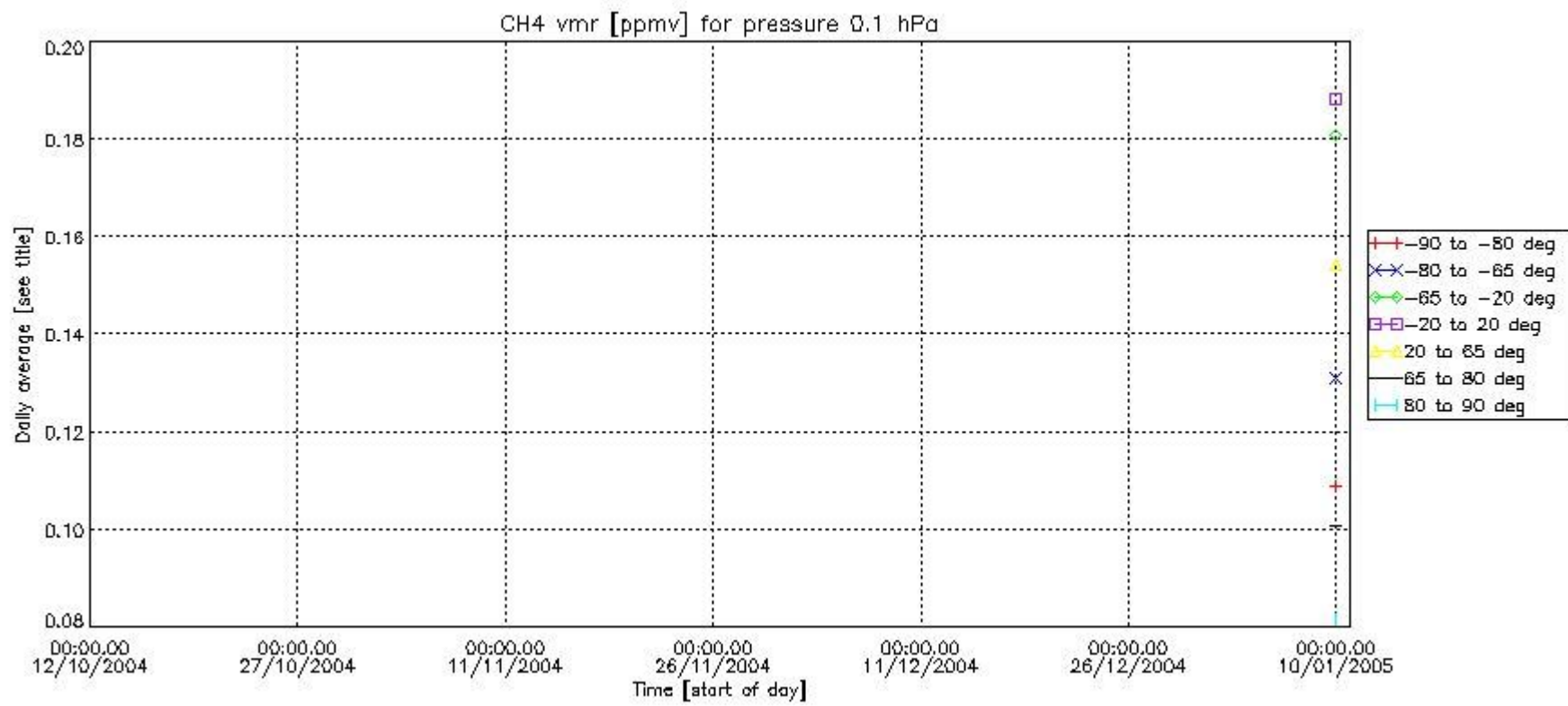
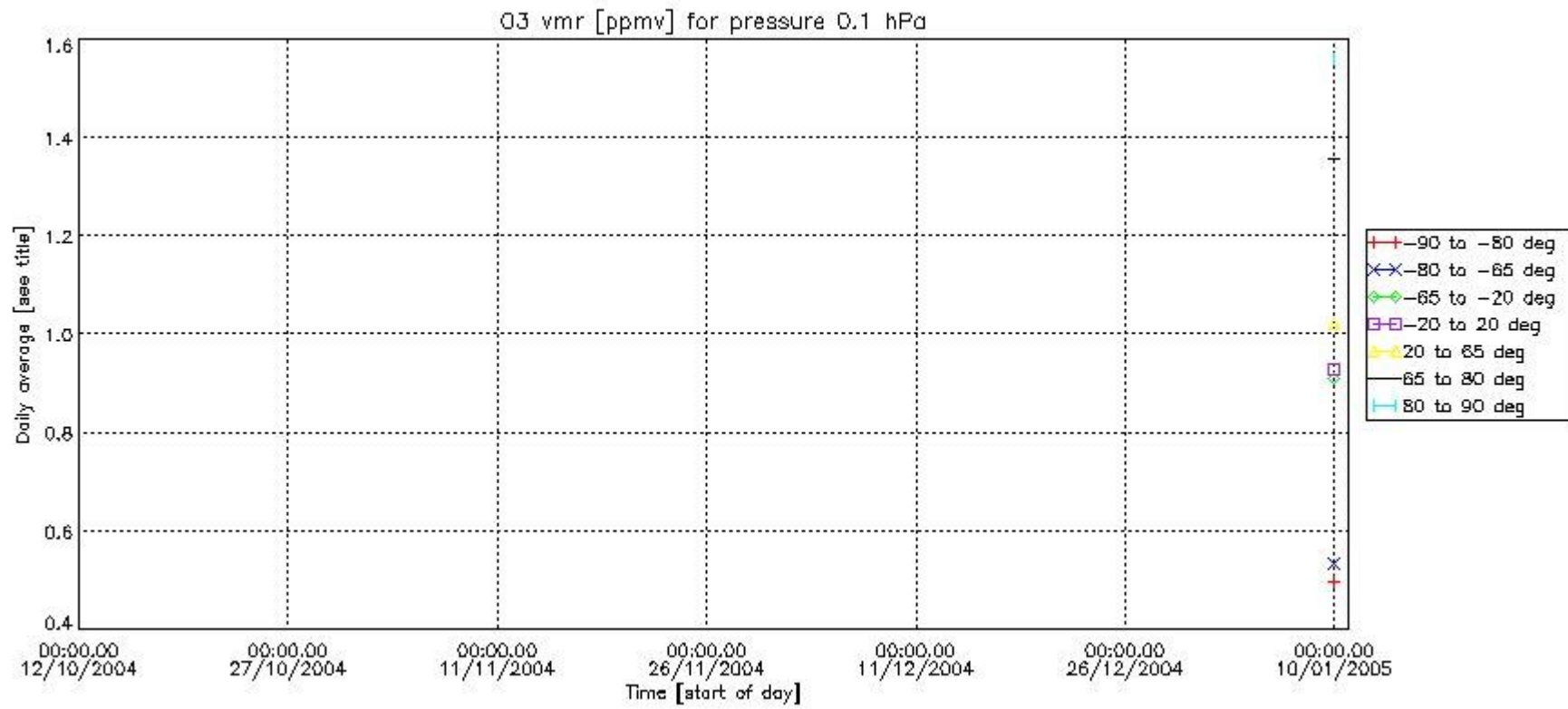


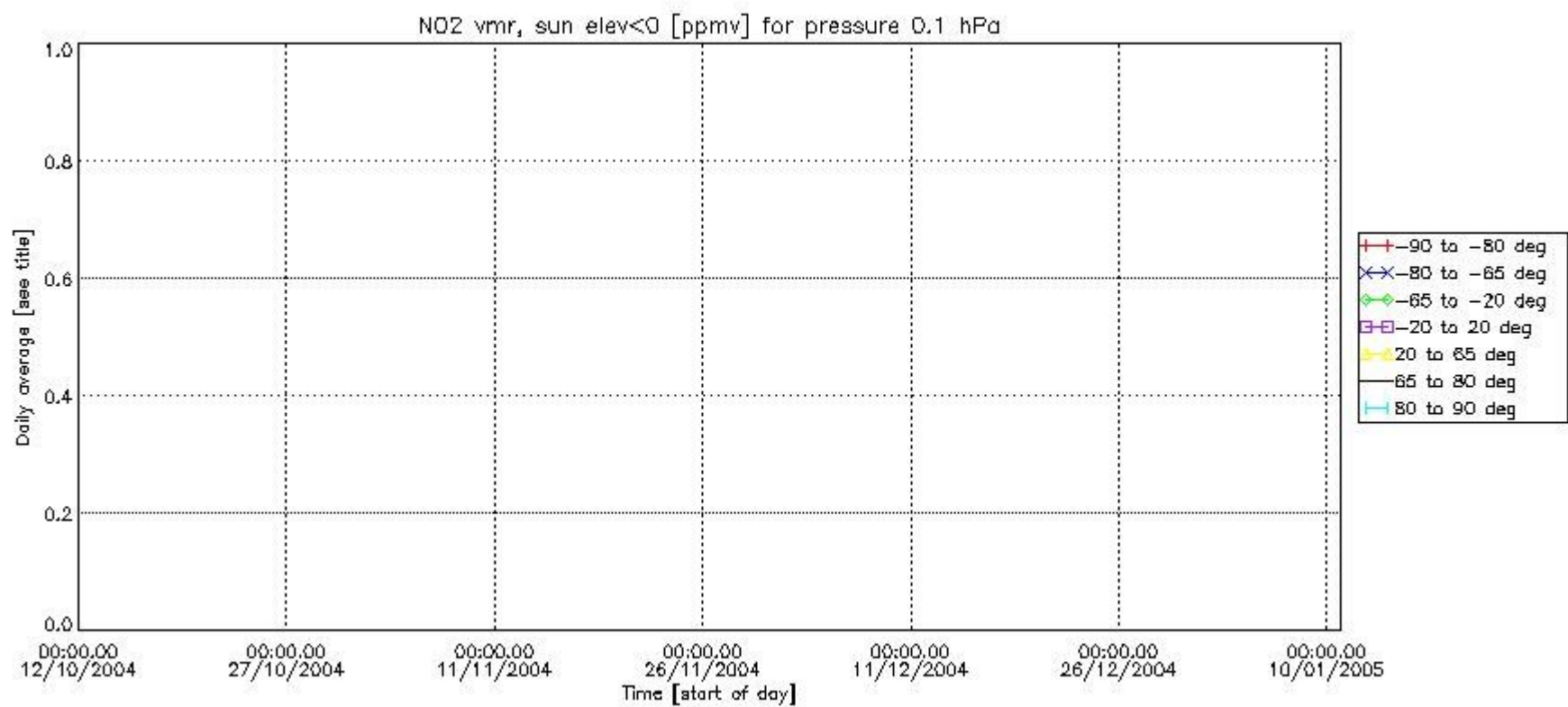
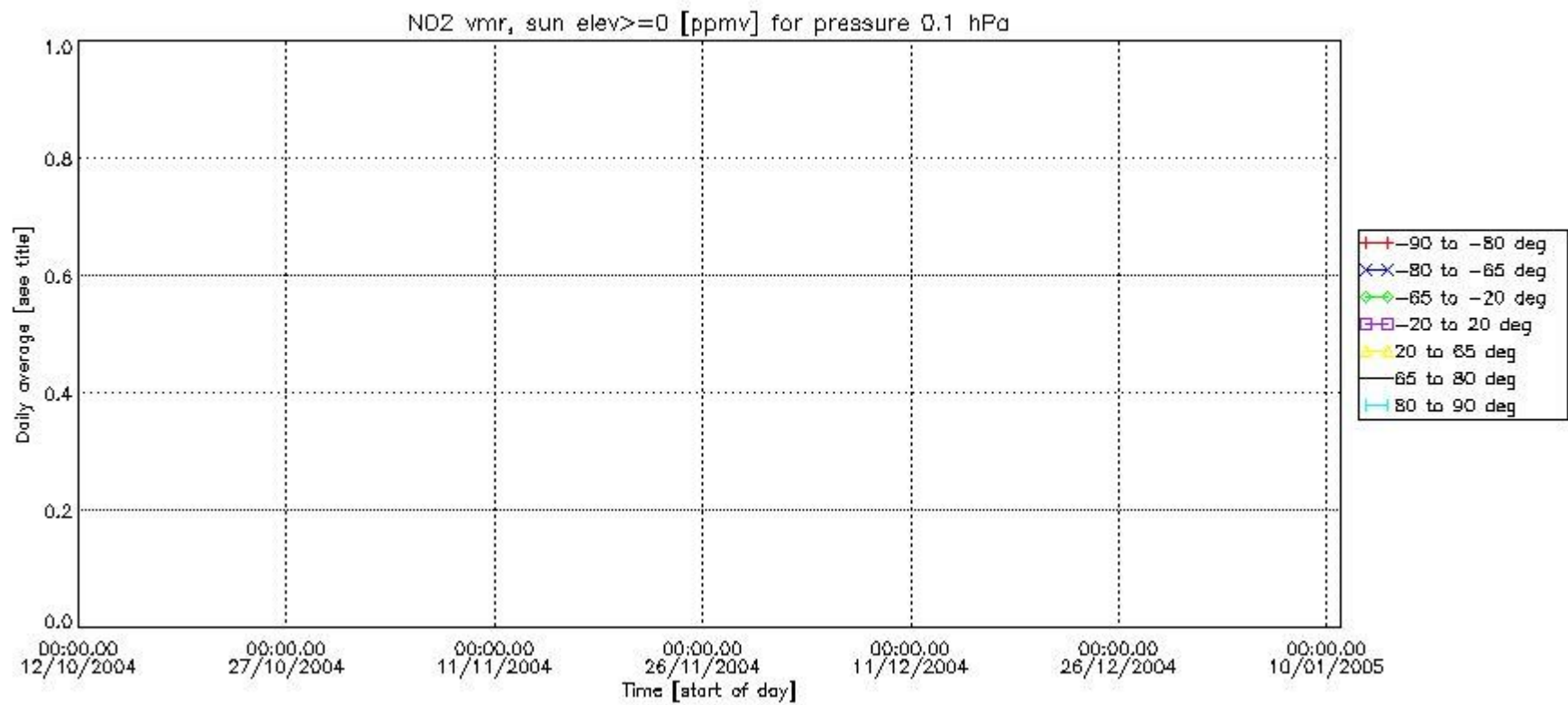




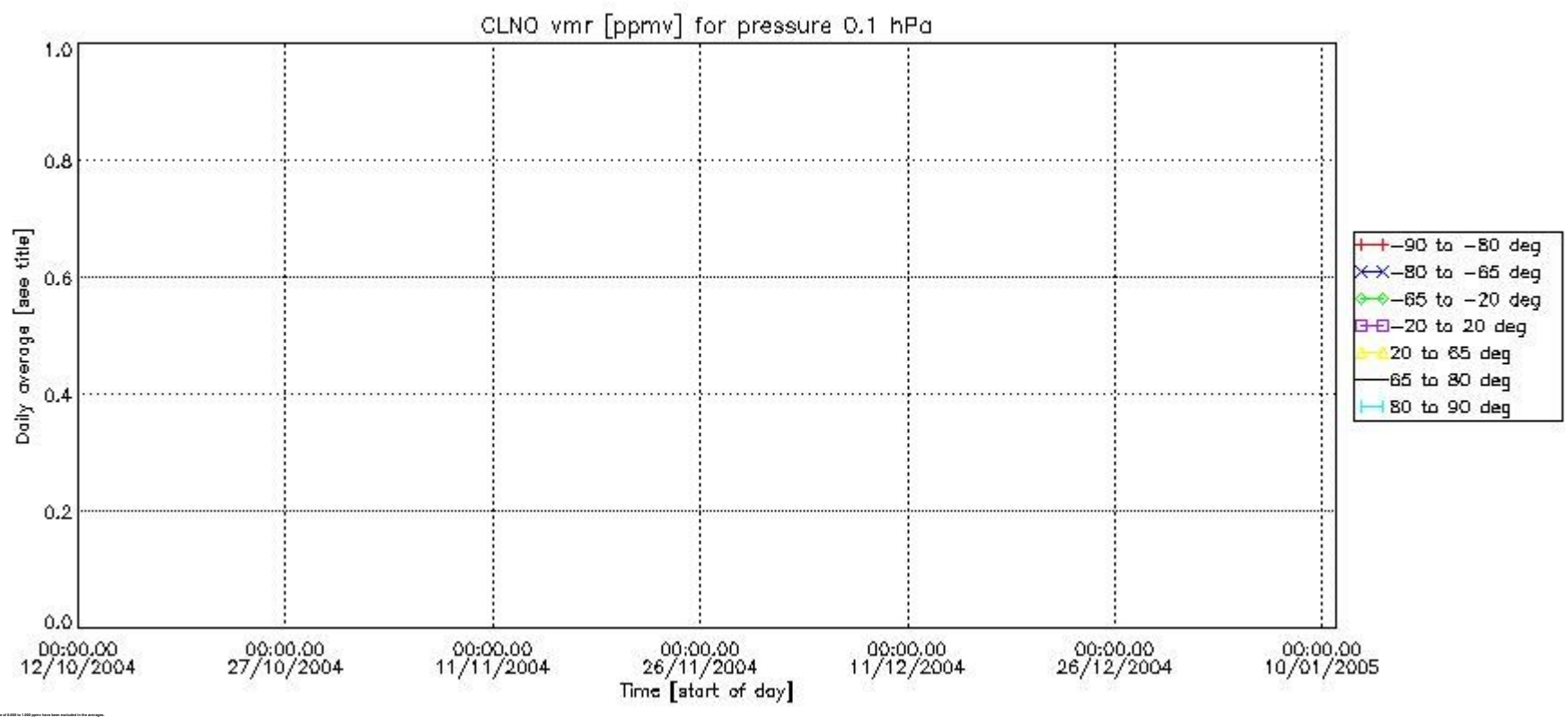
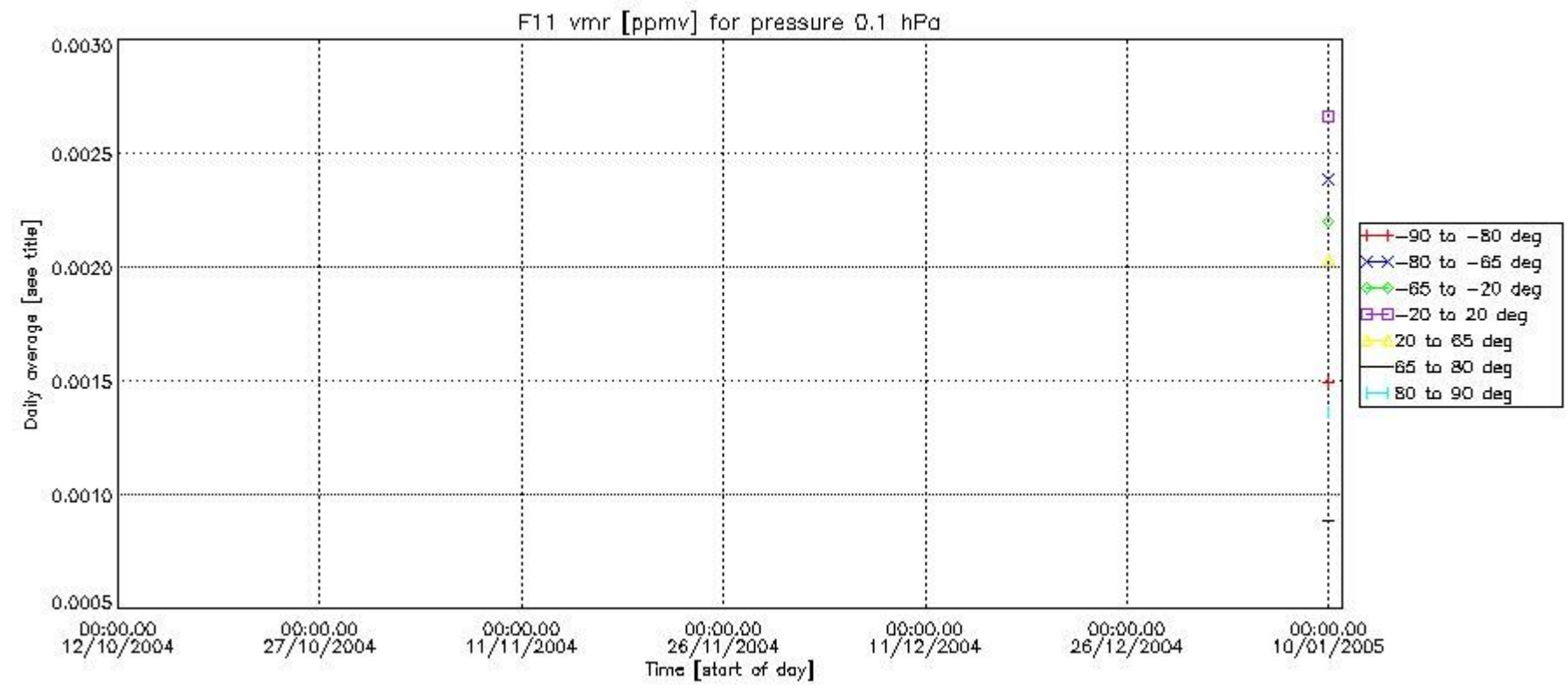


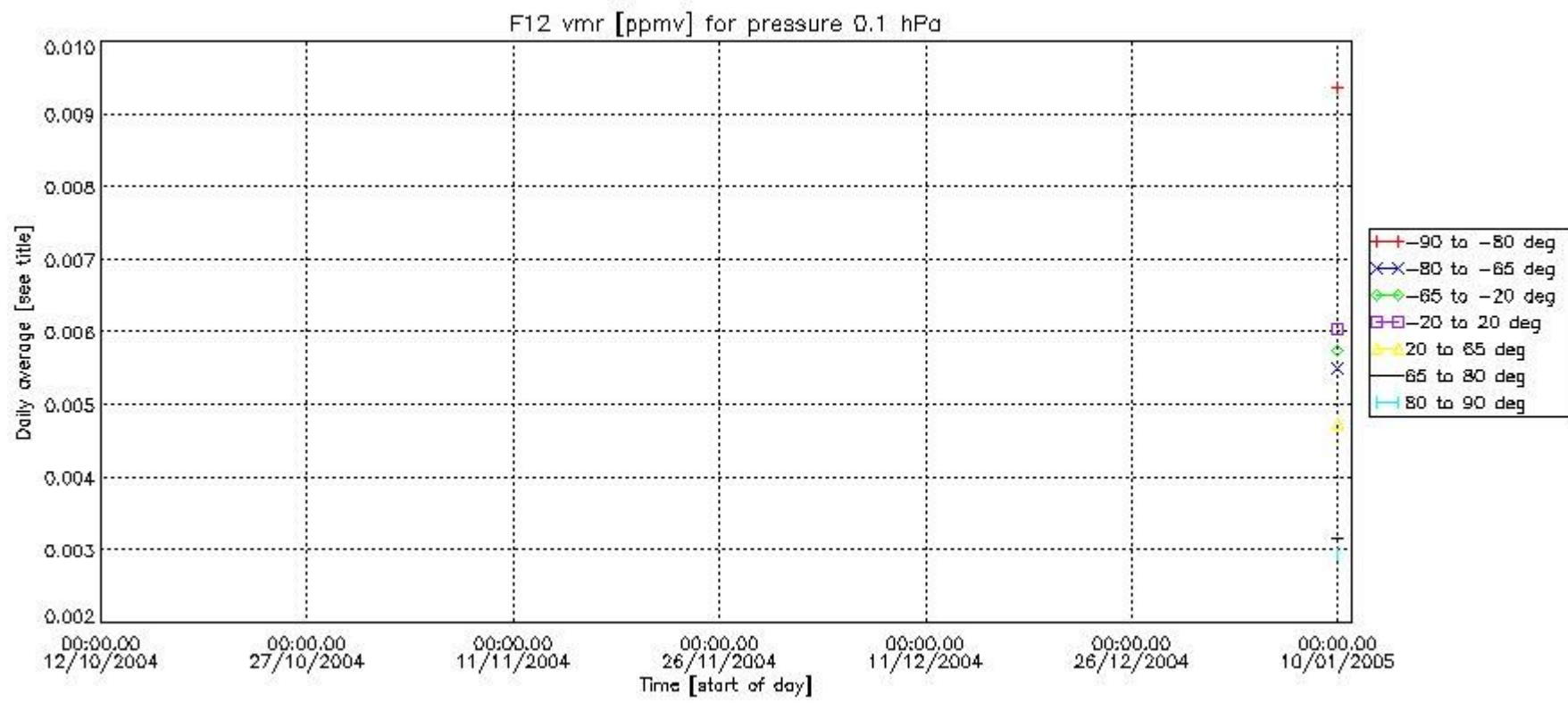
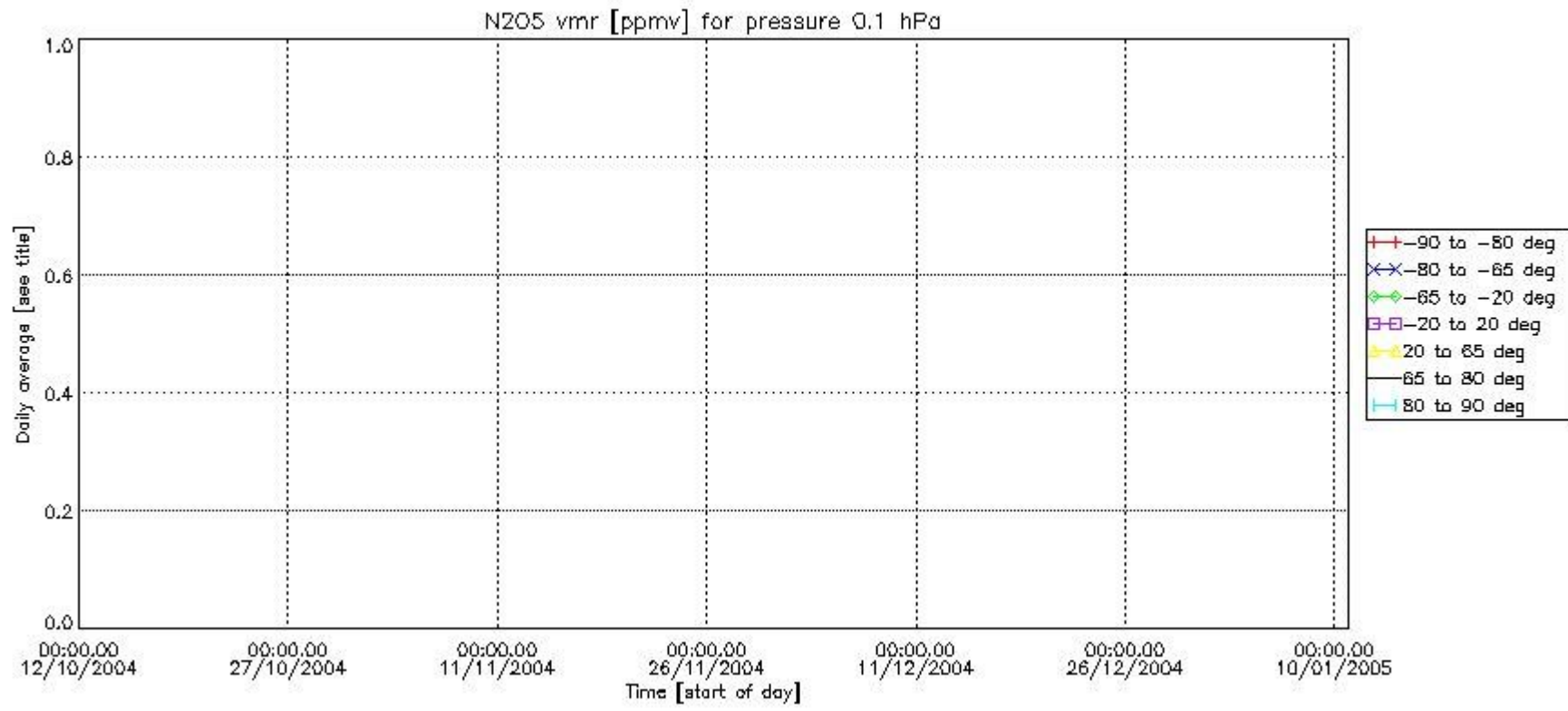


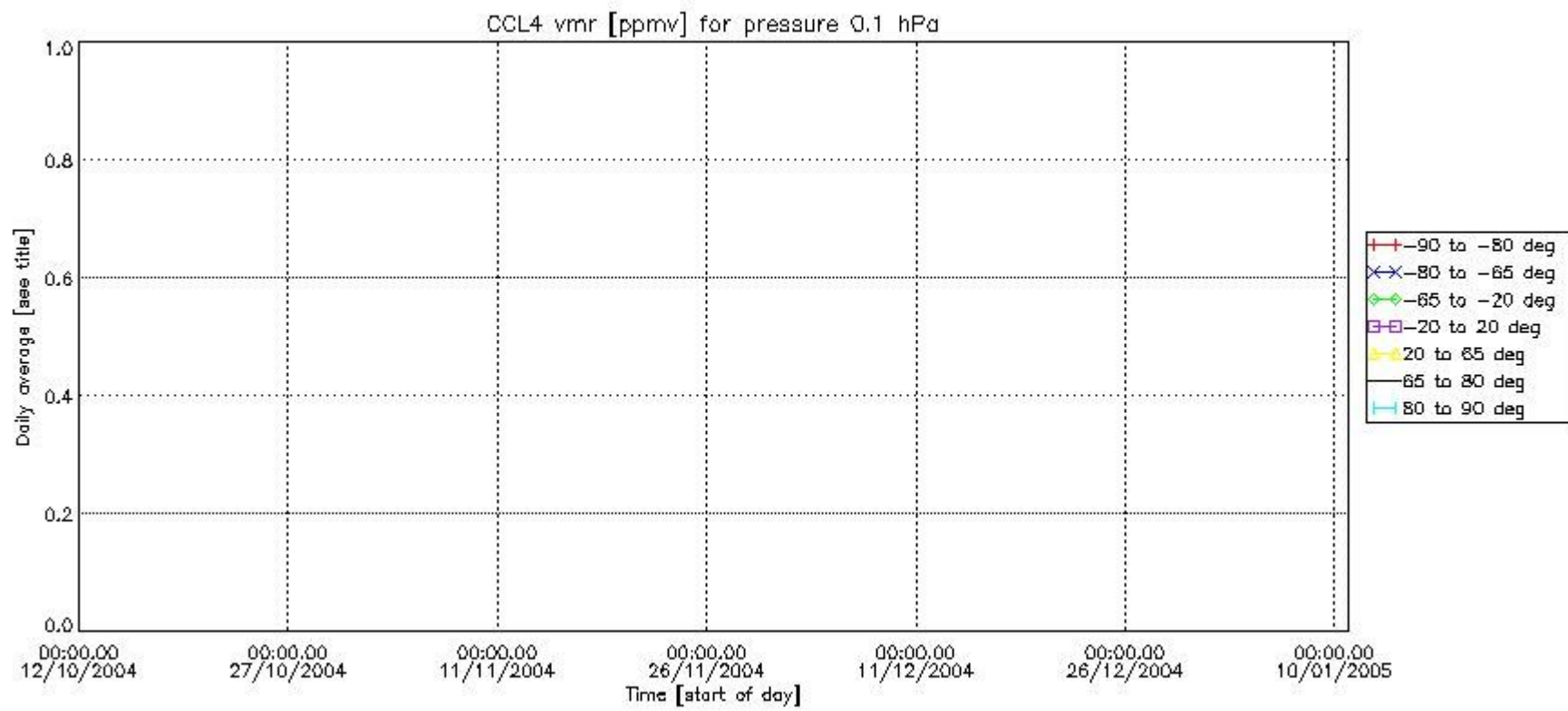
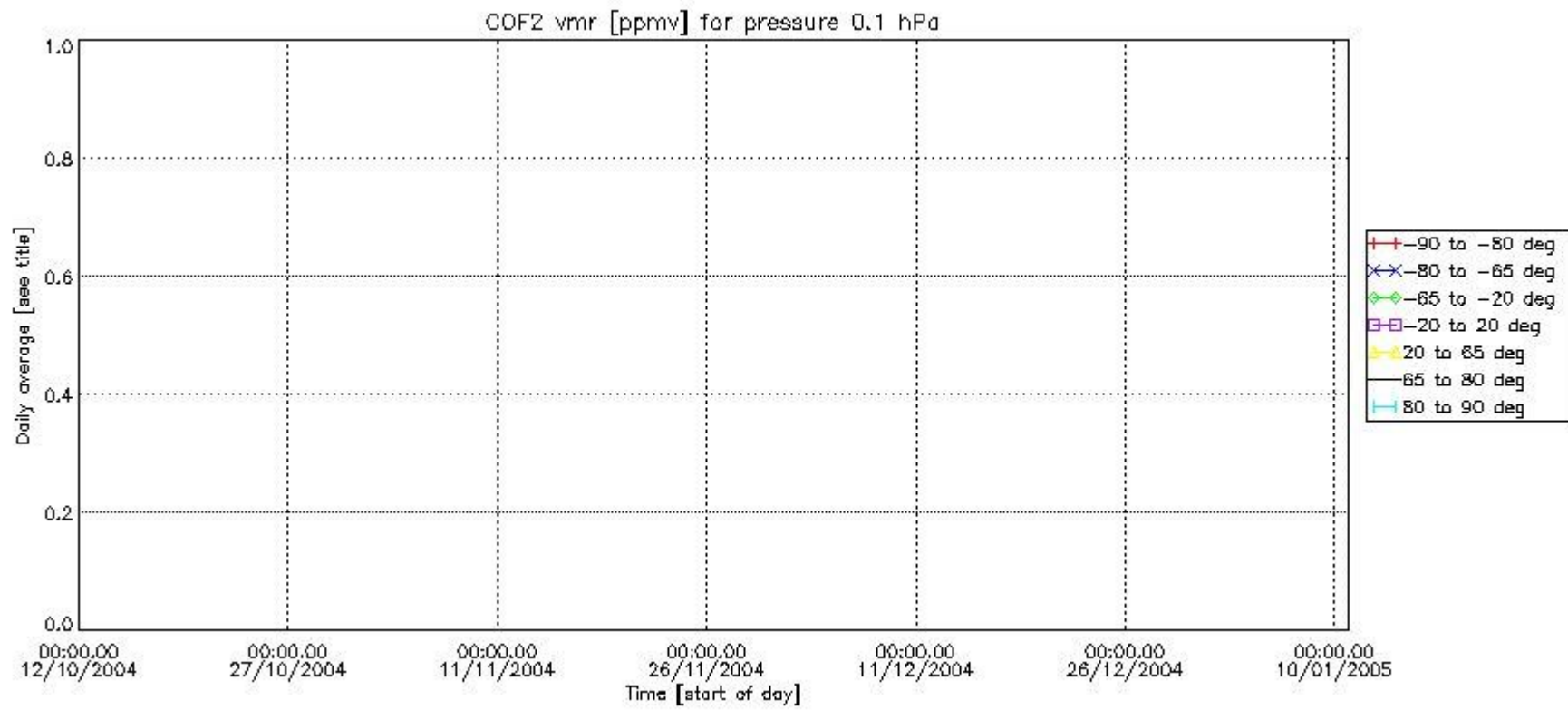


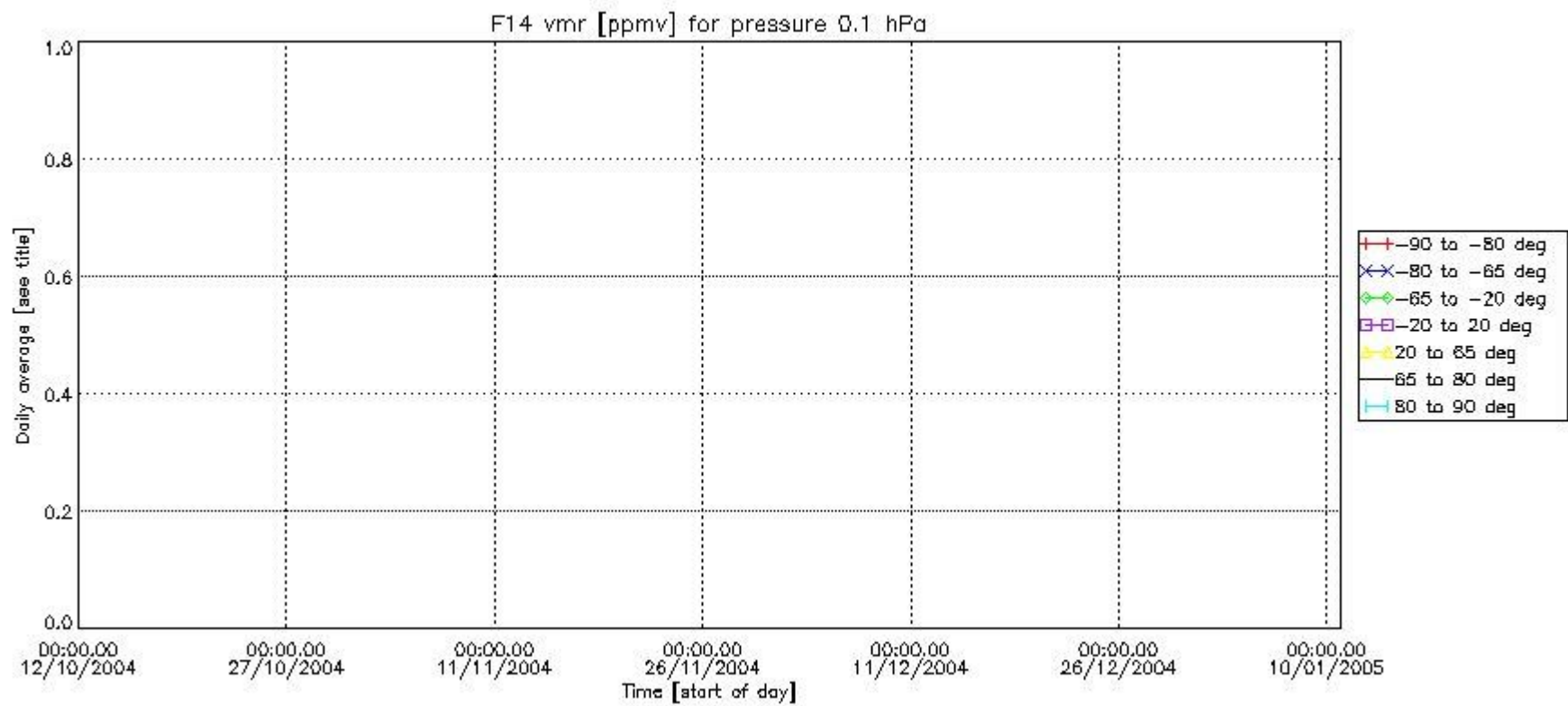
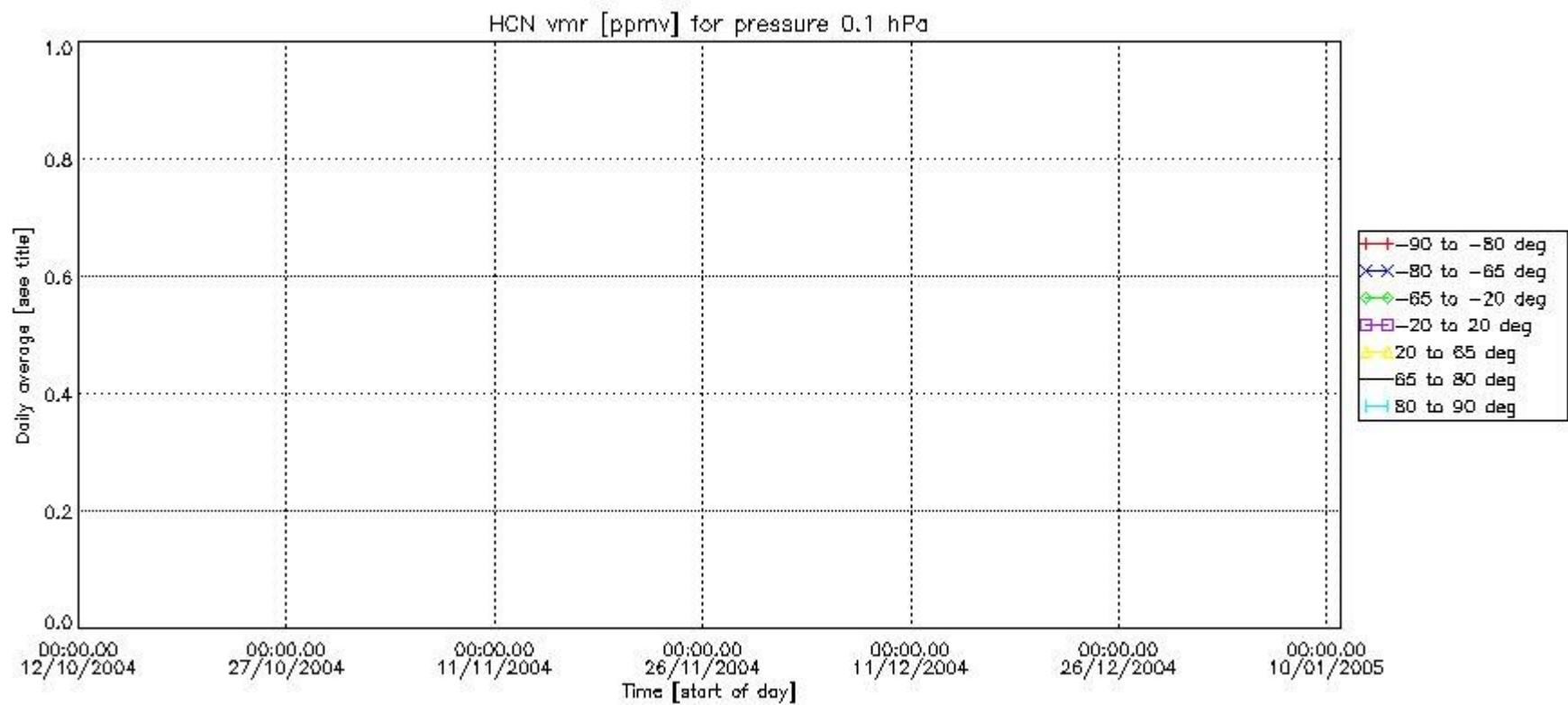


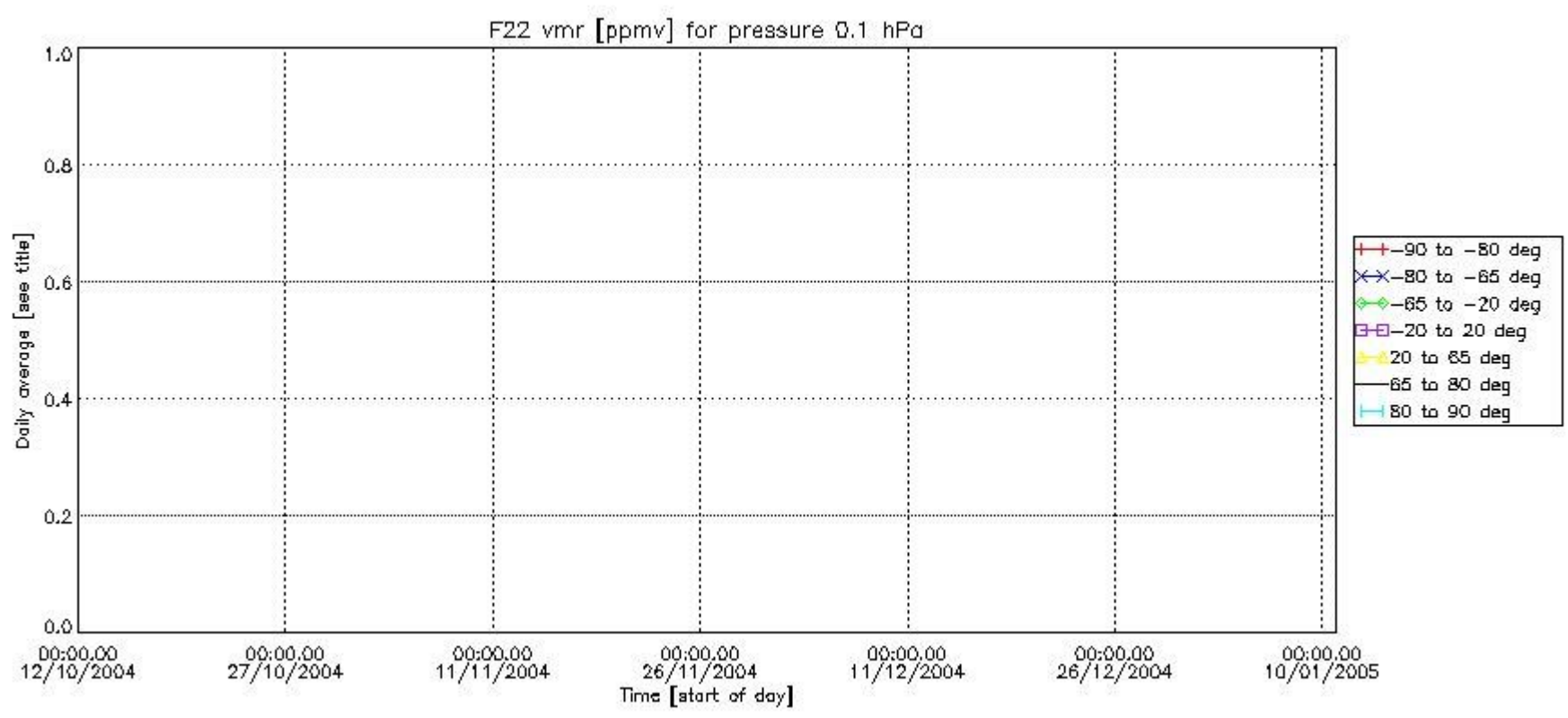












Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

