

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050112.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 08:20:33
Data source version	ML2PP/7.03-W
Processing scope for products	12JAN2005 00:00:00 to 13JAN2005 00:00:00
Start time of first product within scope	12JAN2005 07:12:53
Stop time of last product within scope	13JAN2005 00:37:41
Total number of level 2 products	11
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.

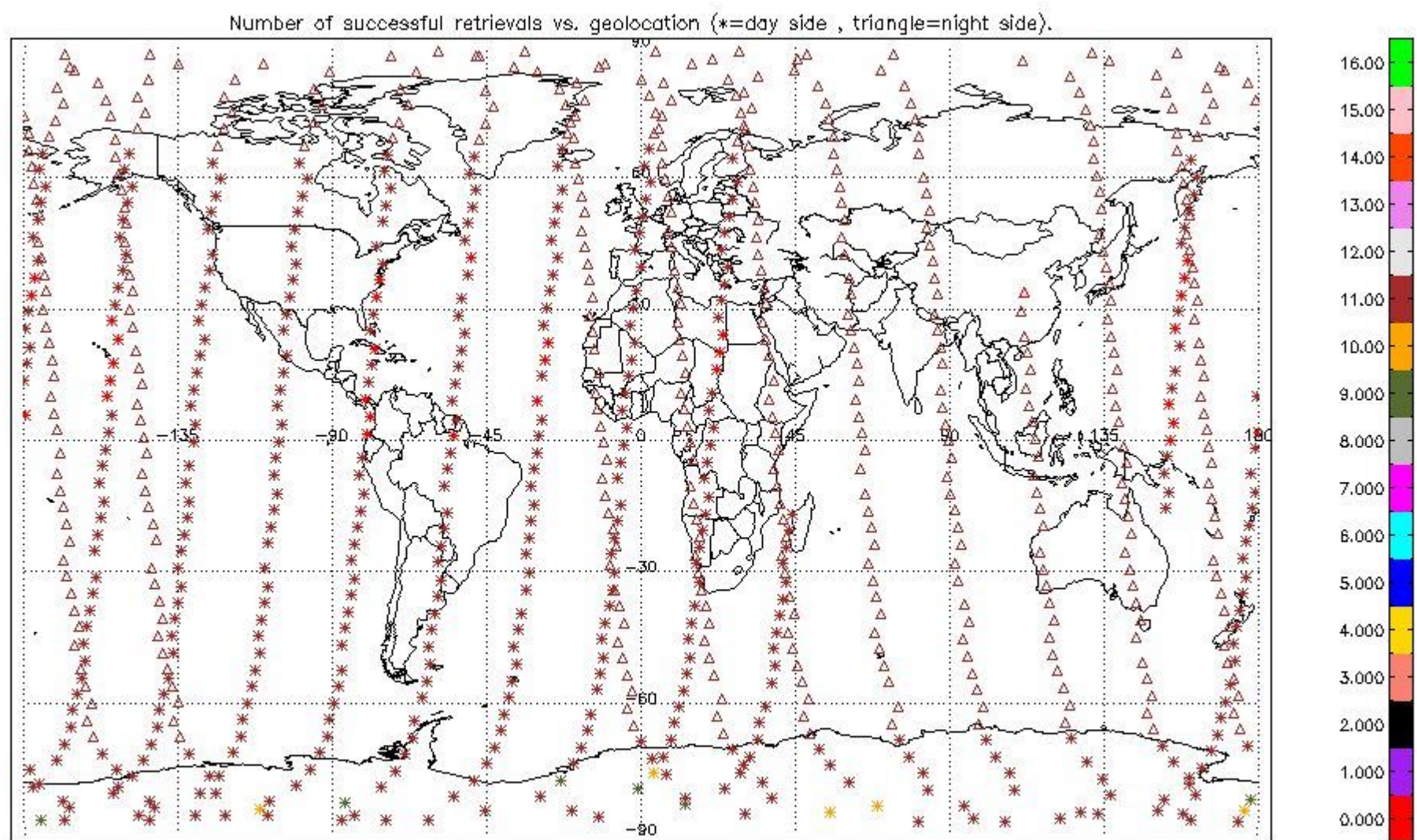
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20050112_071253_000023202033_00421_15004_1000.N1	12JAN2005 07:12:53	12JAN2005 07:51:33	0	35/35	
1	MIP_NL__2PWDSI20050112_075209_000060292033_00422_15005_1000.N1	12JAN2005 07:52:09	12JAN2005 09:32:38	0	90/90	
2	MIP_NL__2PWDSI20050112_093244_000060302033_00423_15006_1000.N1	12JAN2005 09:32:44	12JAN2005 11:13:14	0	90/90	
3	MIP_NL__2PWDSI20050112_111350_000060292033_00424_15007_1000.N1	12JAN2005 11:13:50	12JAN2005 12:54:19	0	90/90	
4	MIP_NL__2PWDSI20050112_125425_000060292033_00425_15008_1000.N1	12JAN2005 12:54:25	12JAN2005 14:34:55	0	90/90	
5	MIP_NL__2PWDSI20050112_143530_000059582033_00426_15009_1000.N1	12JAN2005 14:35:30	12JAN2005 16:14:48	0	76/76	
6	MIP_NL__2PWDSI20050112_161454_000060292033_00427_15010_1000.N1	12JAN2005 16:14:54	12JAN2005 17:55:24	0	90/90	
7	MIP_NL__2PWDSI20050112_175530_000060592033_00428_15011_1000.N1	12JAN2005 17:55:30	12JAN2005 19:36:29	0	90/90	
8	MIP_NL__2PWDSI20050112_193635_000060292033_00429_15012_1000.N1	12JAN2005 19:36:35	12JAN2005 21:17:05	0	90/90	
9	MIP_NL__2PWDSI20050112_211711_000059942033_00430_15013_1000.N1	12JAN2005 21:17:11	12JAN2005 22:57:05	0	89/89	
10	MIP_NL__2PWDSI20050112_225711_000060292033_00431_15014_1000.N1	12JAN2005 22:57:11	13JAN2005 00:37:41	0	90/90	

2.2 Processing performance indicators

2.2.1 Successful retrievals

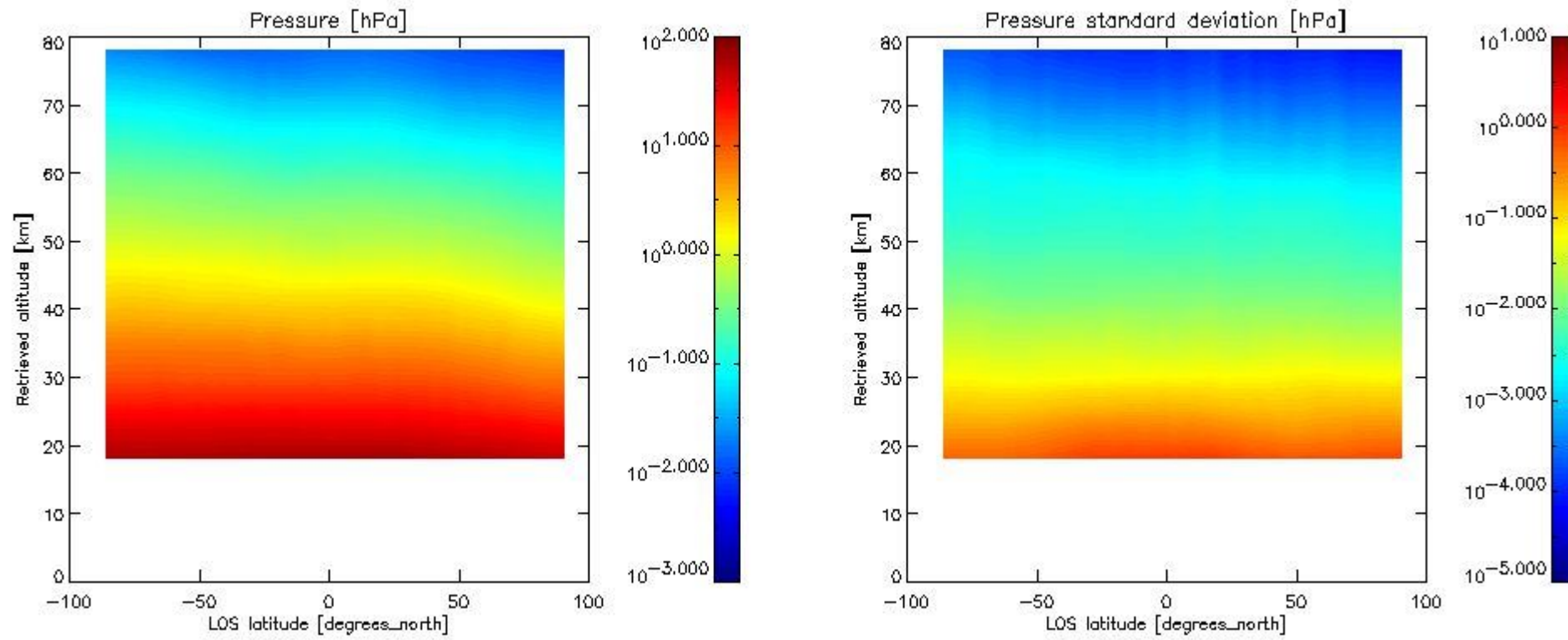
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	920	855	92.935
H2O	920	851	92.500
O3	920	855	92.935
HNO3	920	855	92.935
CH4	920	847	92.065
N2O	920	850	92.391
NO2	920	855	92.935
F11	920	855	92.935
CLNO	920	855	92.935
N2O5	920	855	92.935
F12	920	855	92.935
COF2	920	0	0.0000
CCL4	920	0	0.0000
HCN	920	0	0.0000
F14	920	0	0.0000
F22	920	0	0.0000



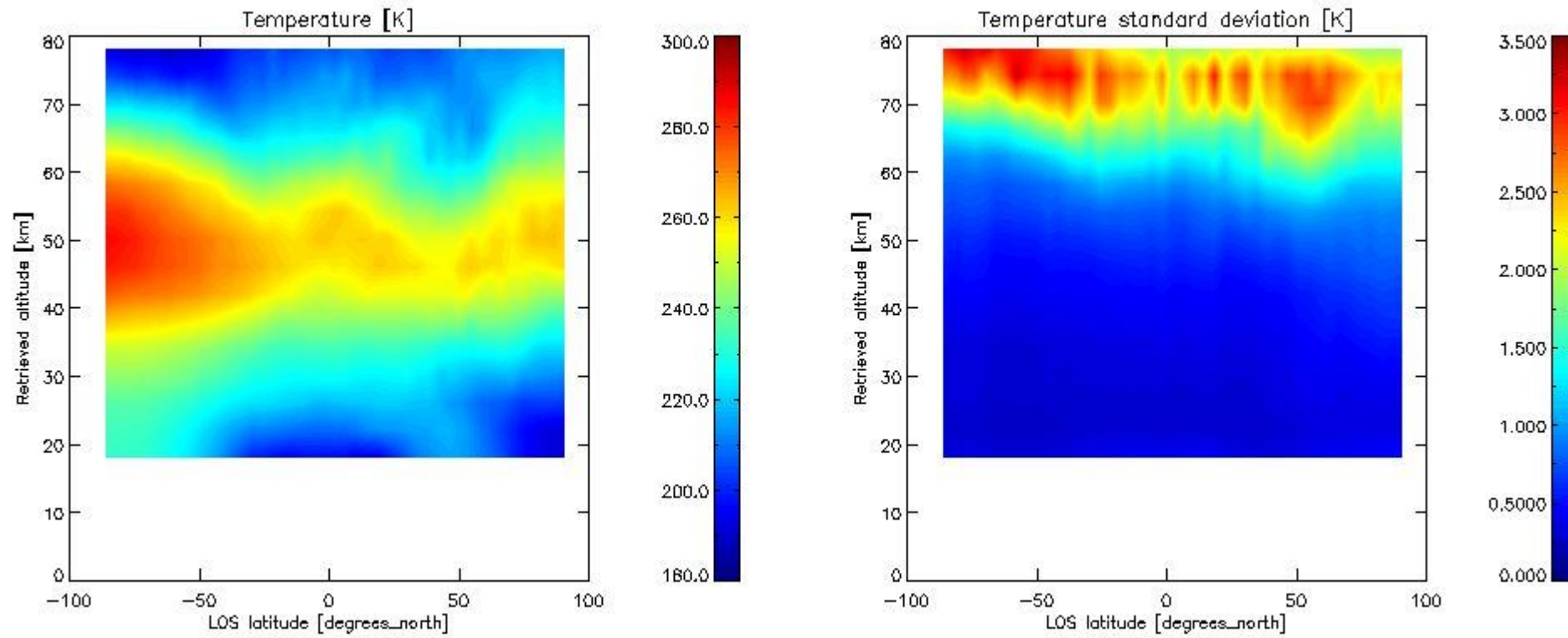
2.2.2 Pressure overview

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



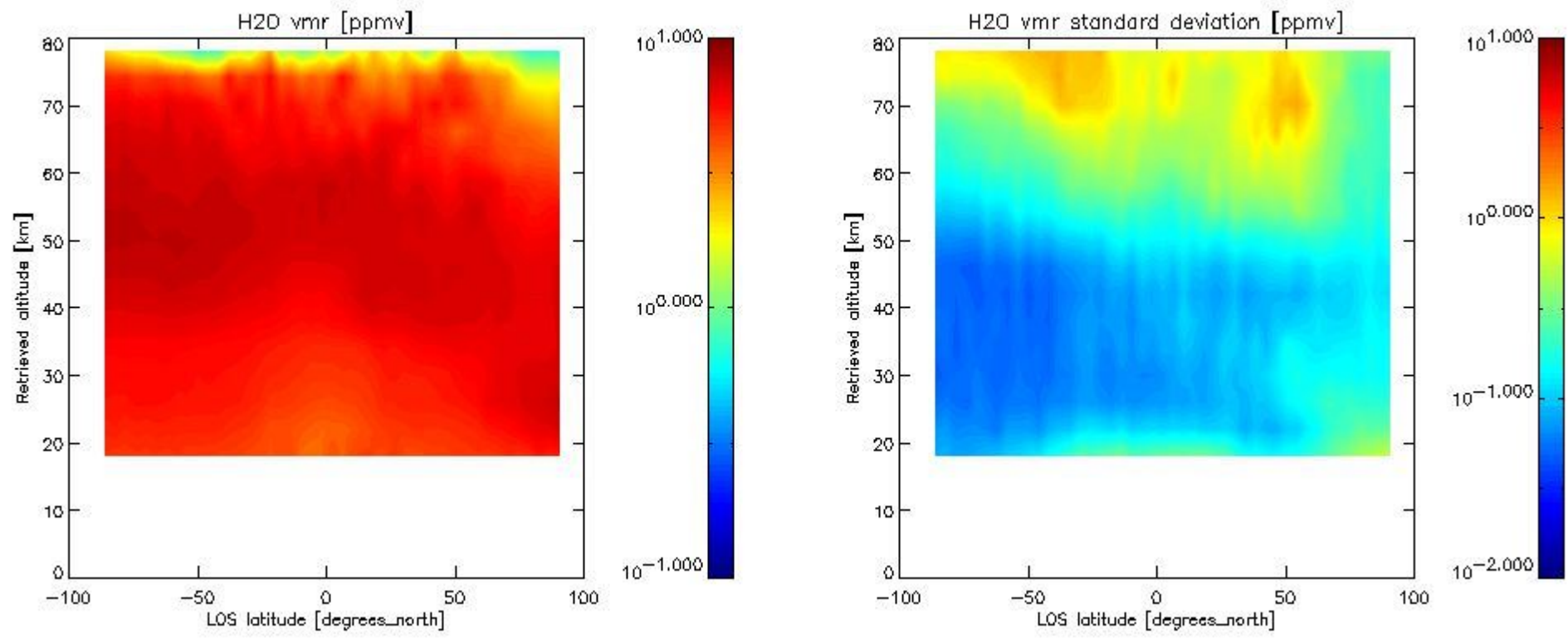
2.2.3 Temperature overview

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

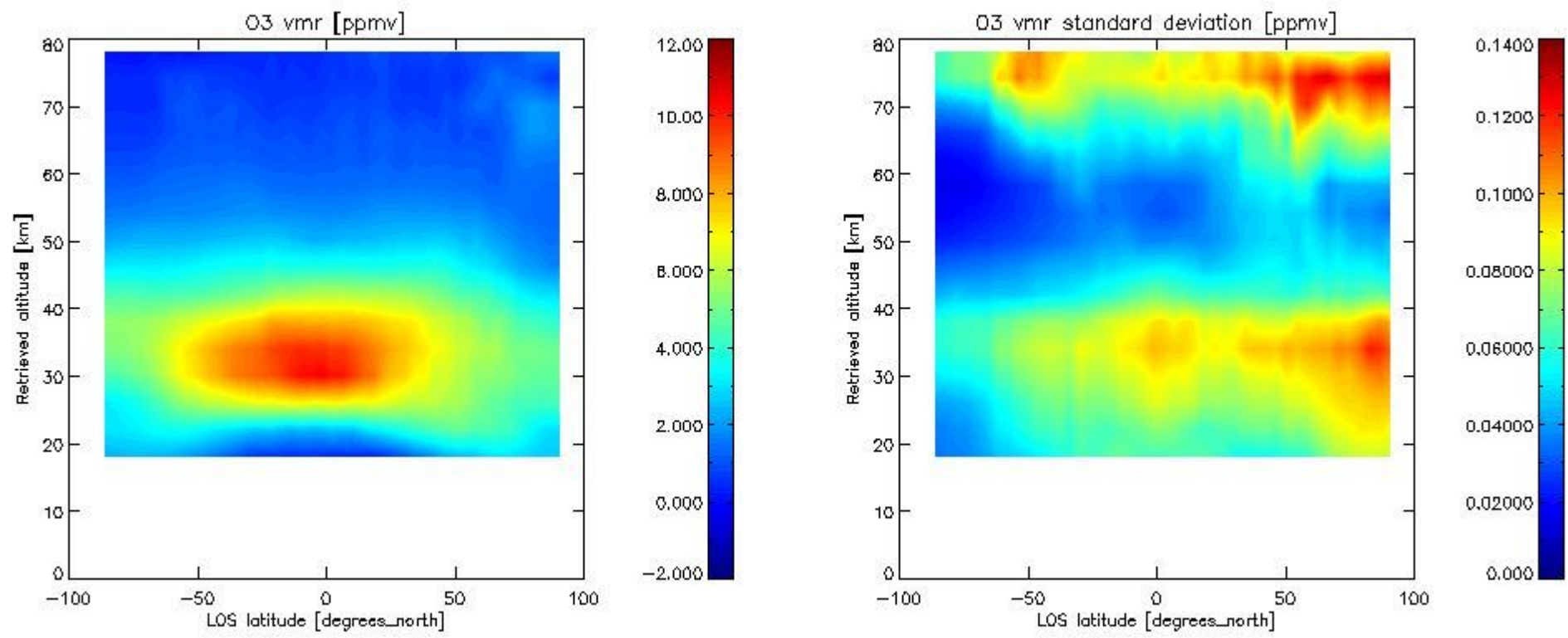


2.2.4 Species overview

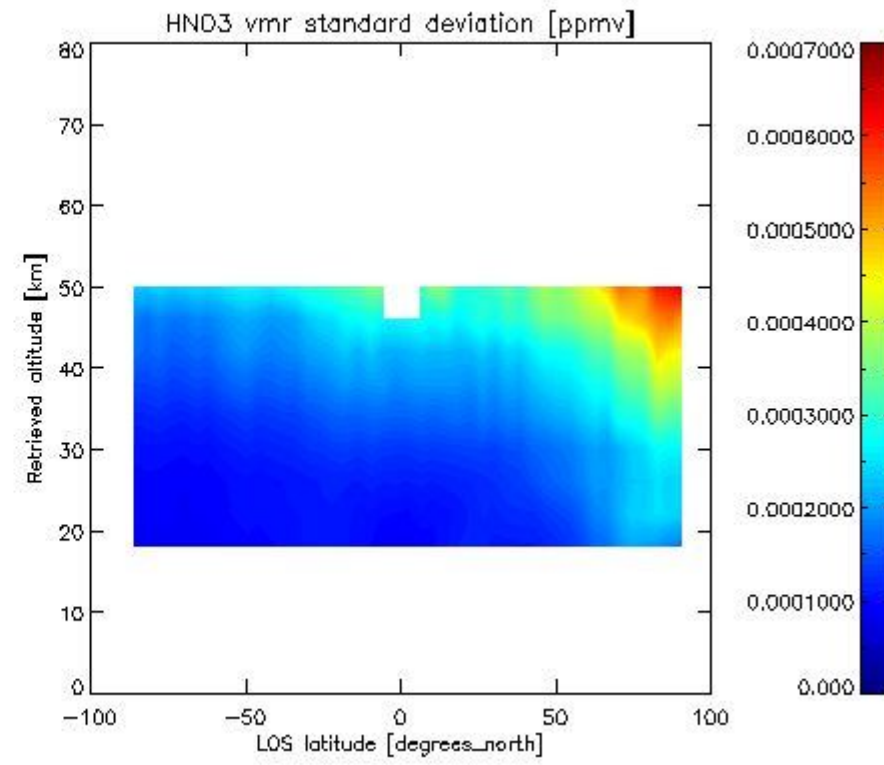
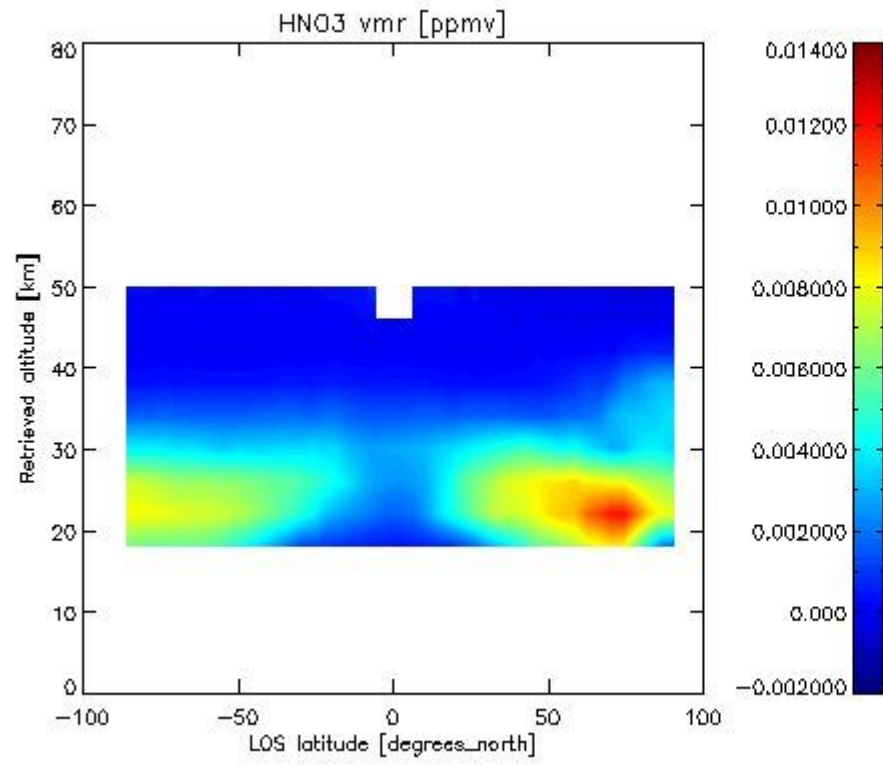
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



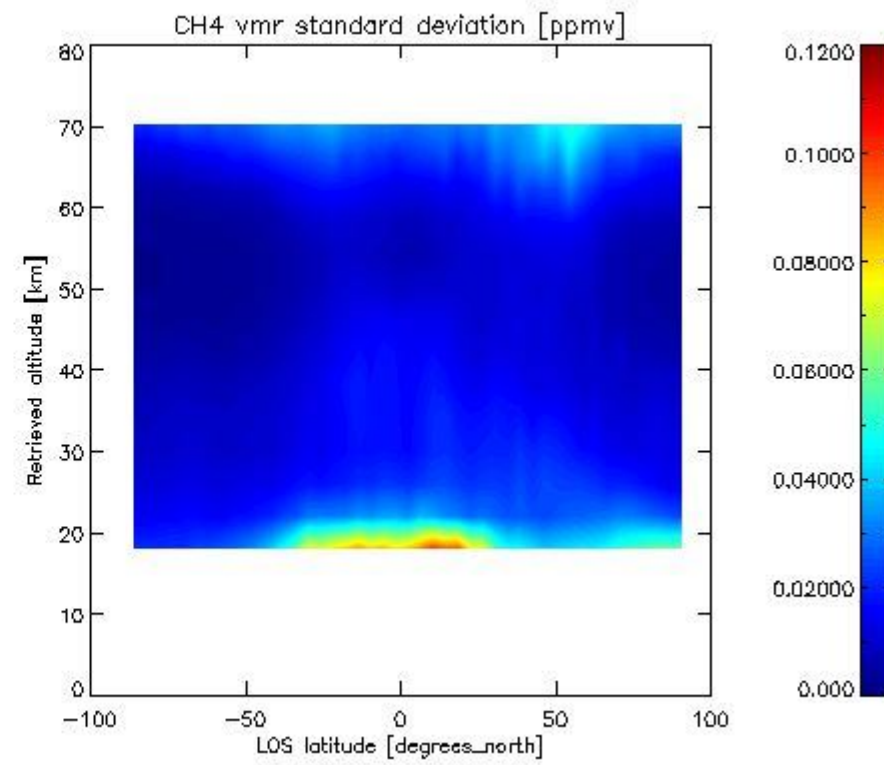
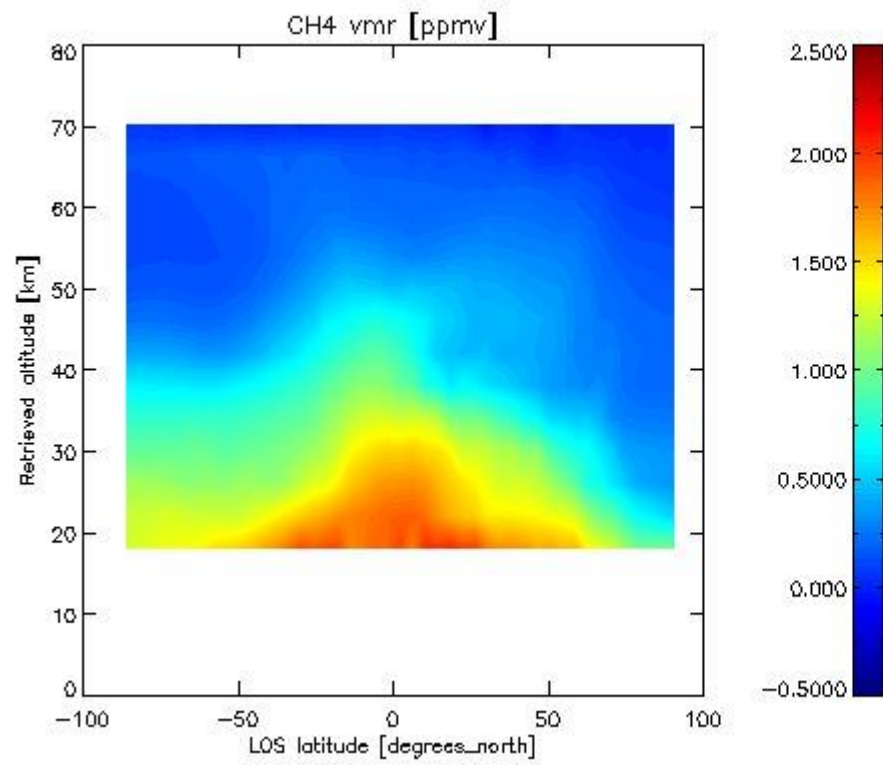
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



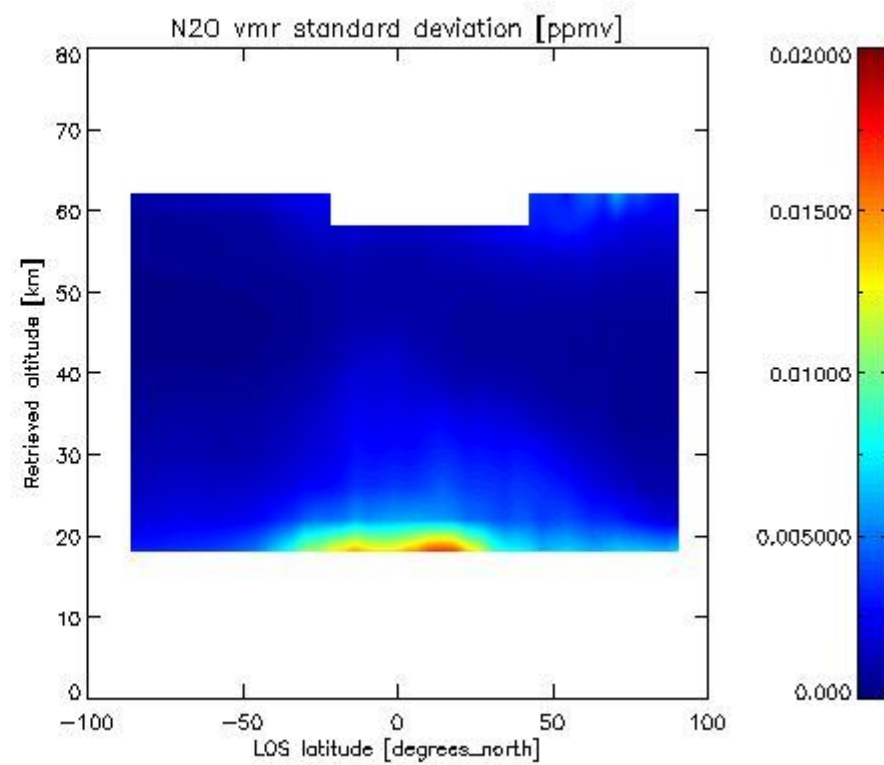
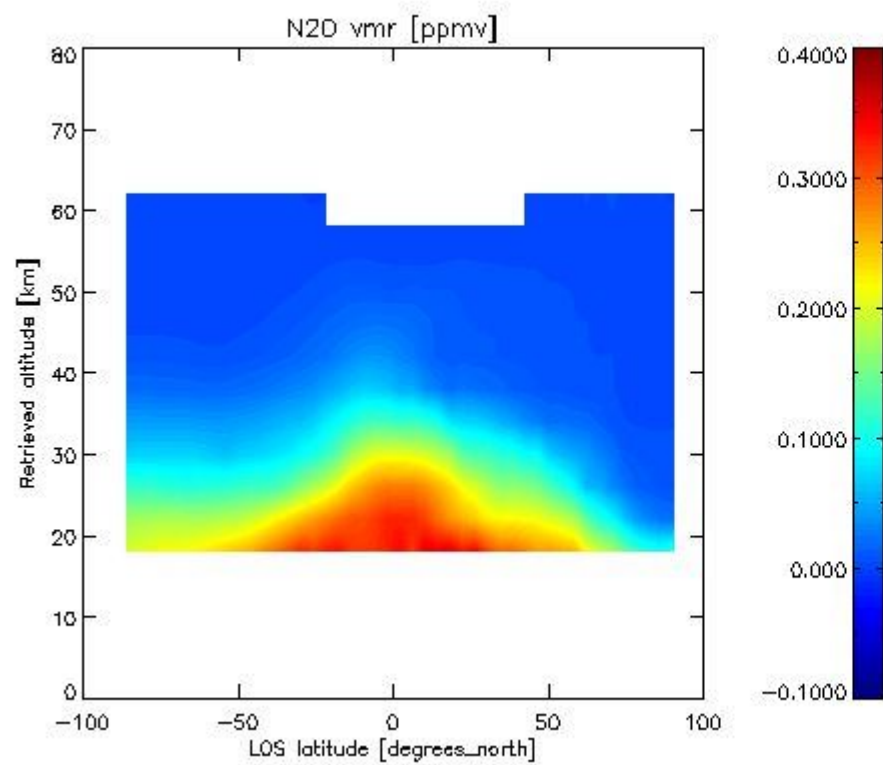
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



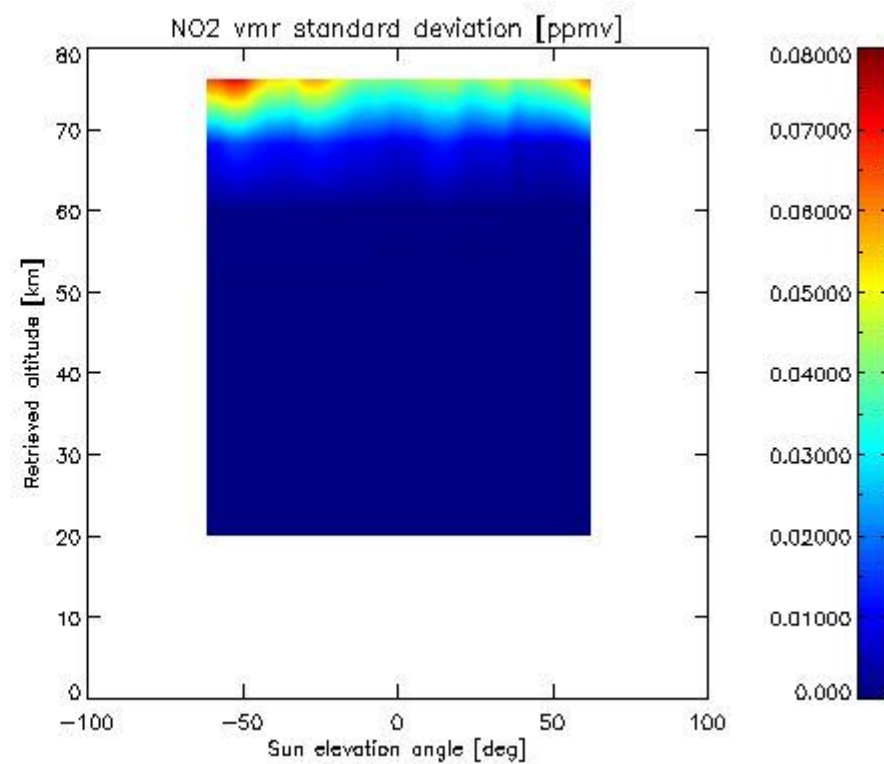
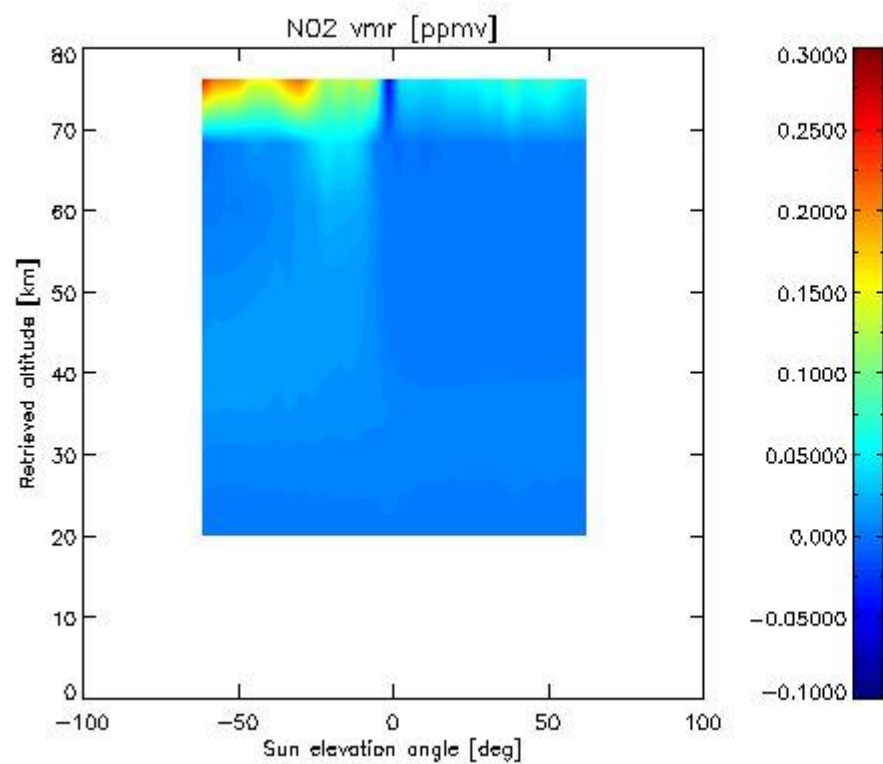
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



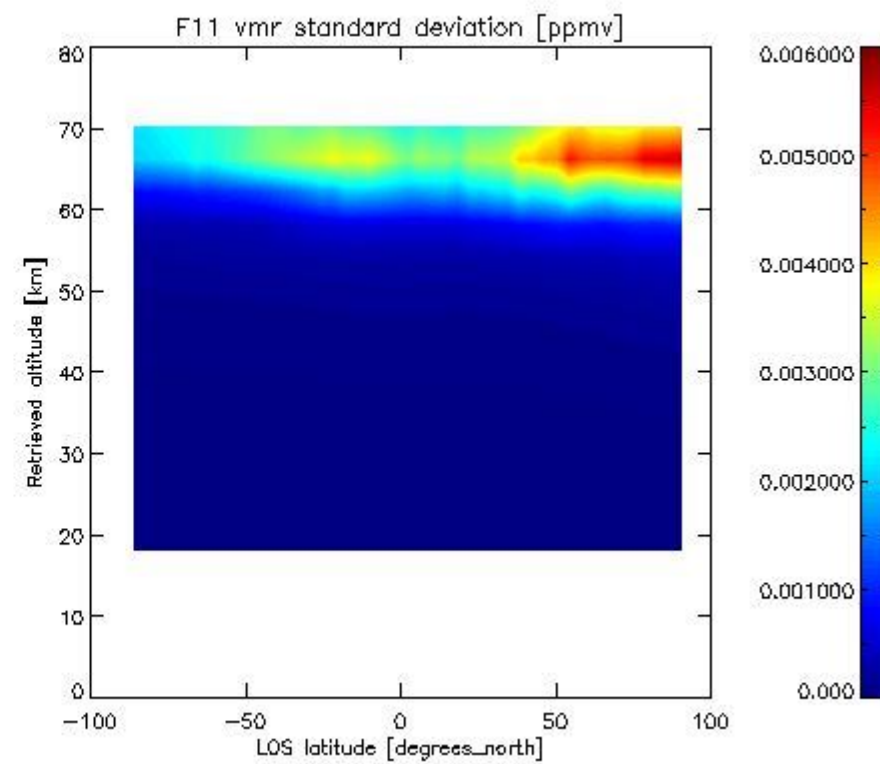
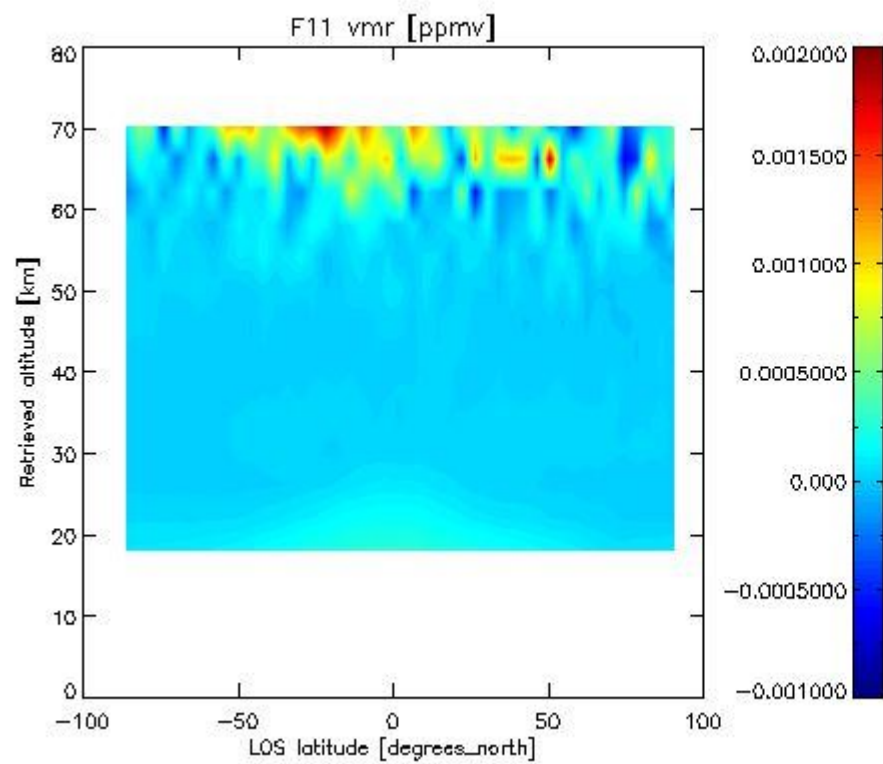
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



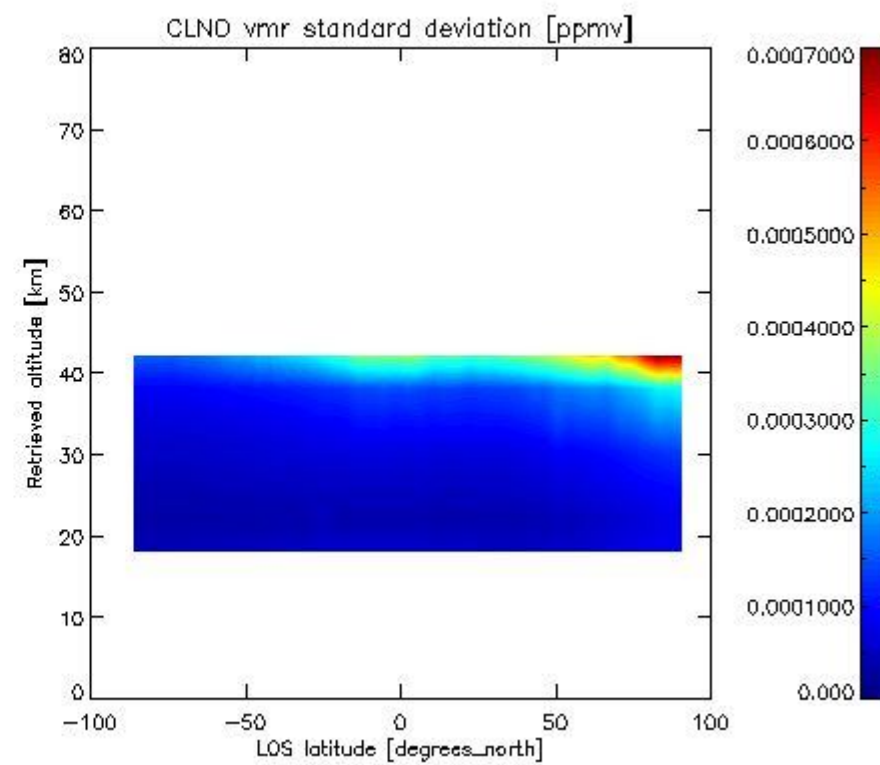
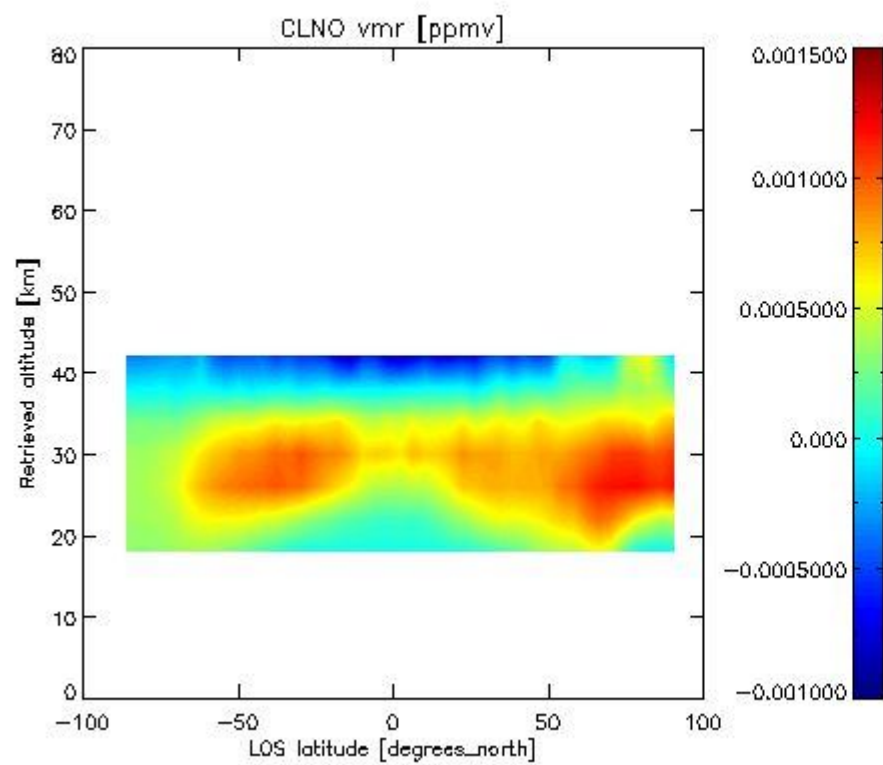
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

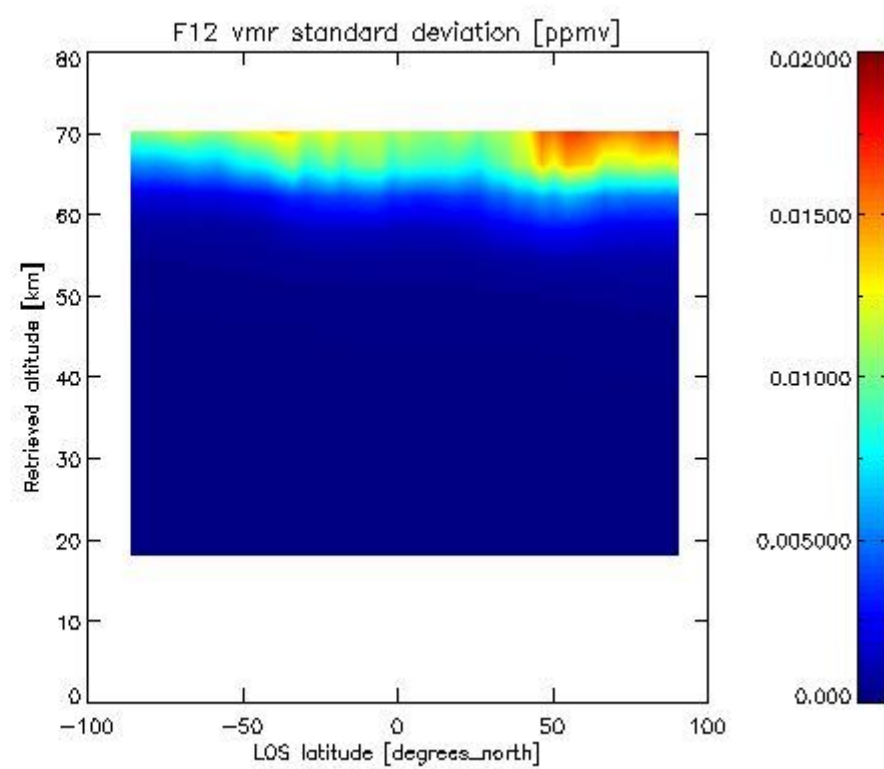
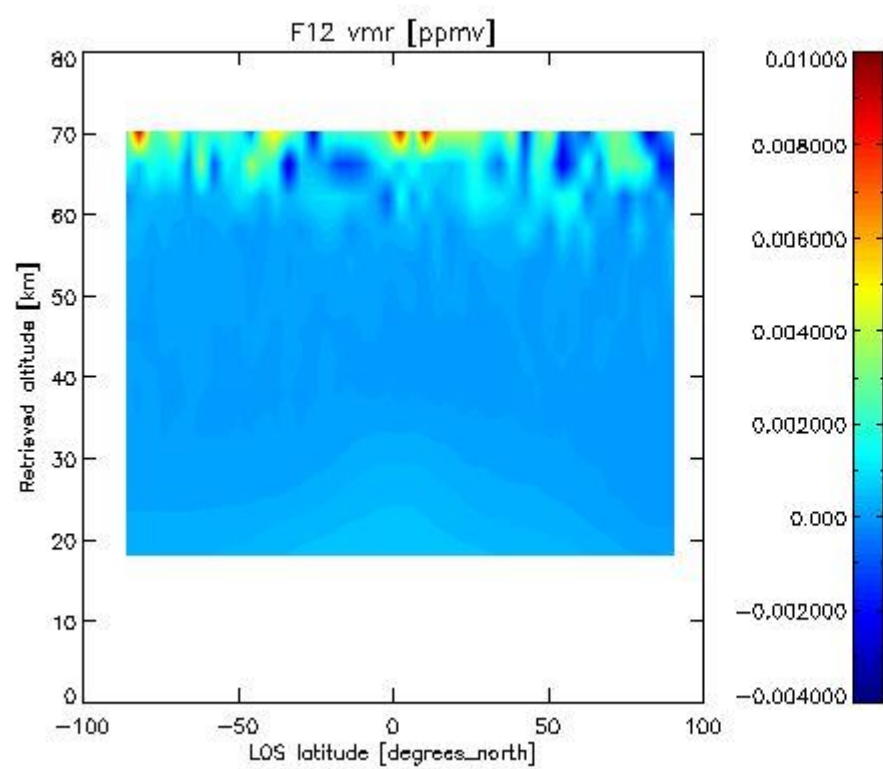
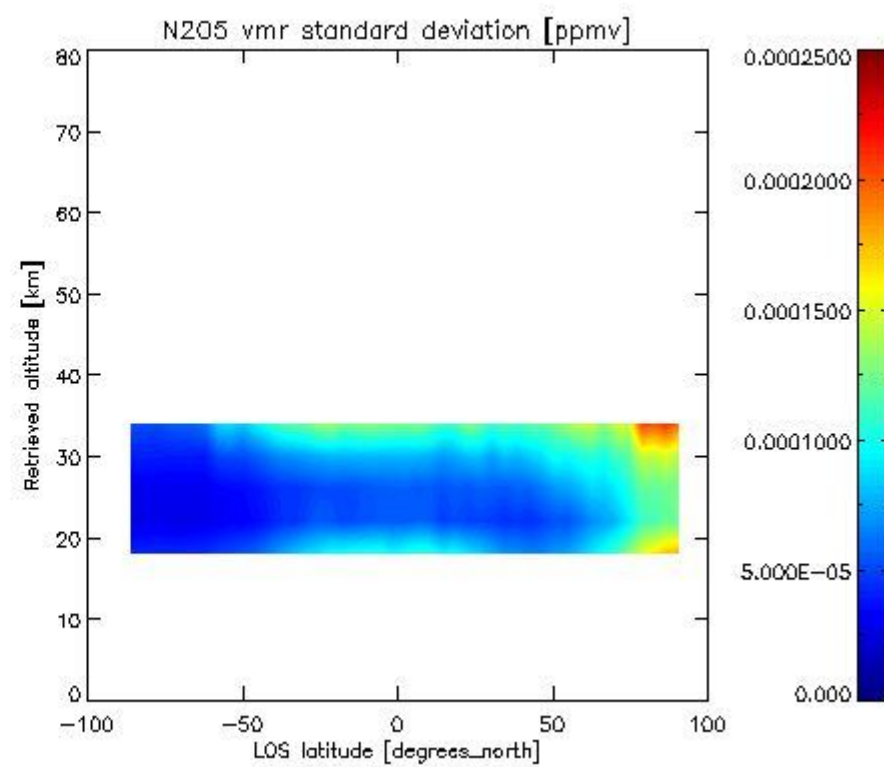
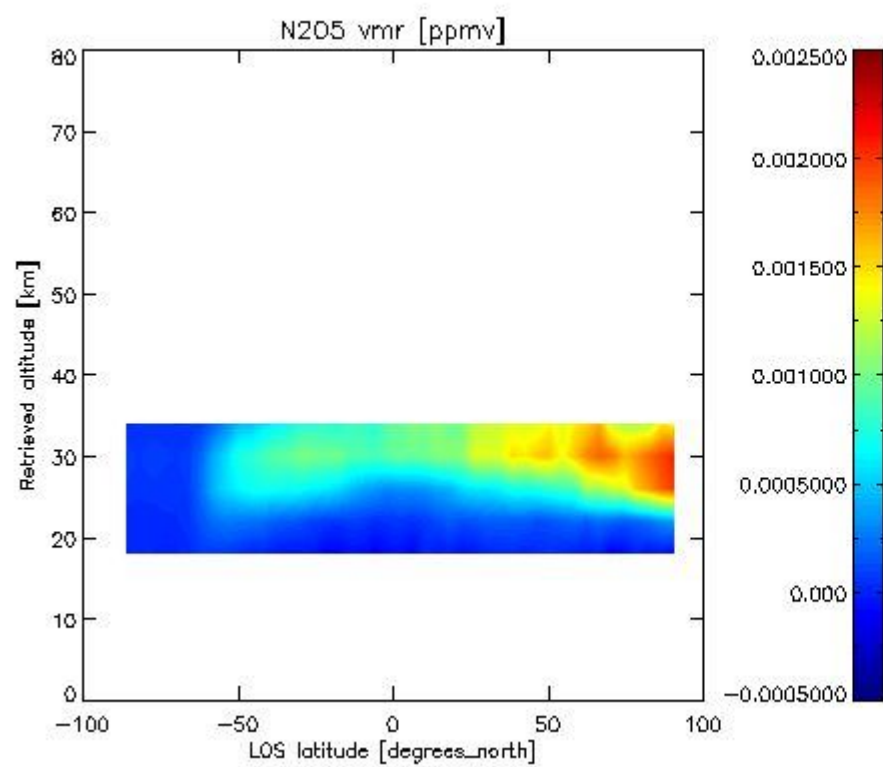


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

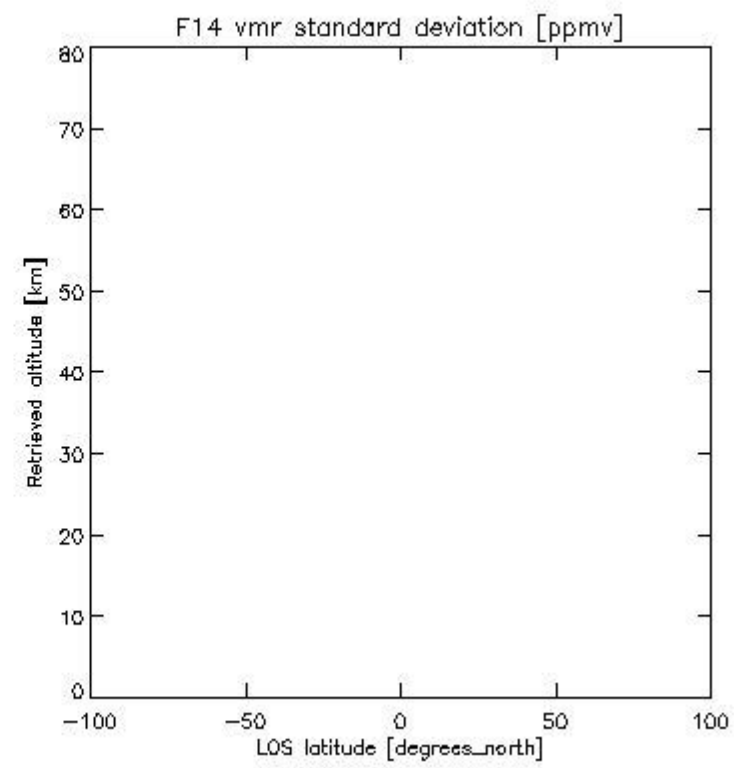
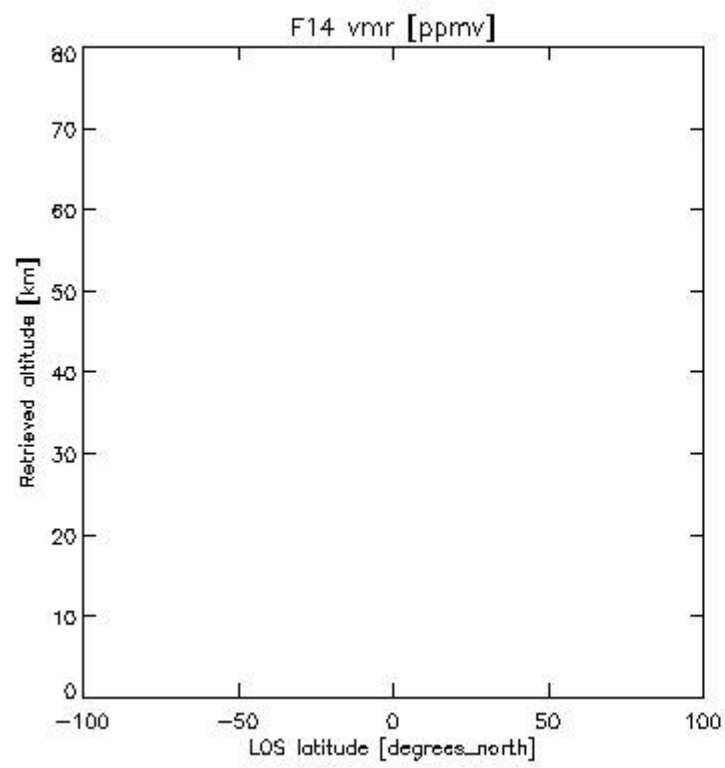
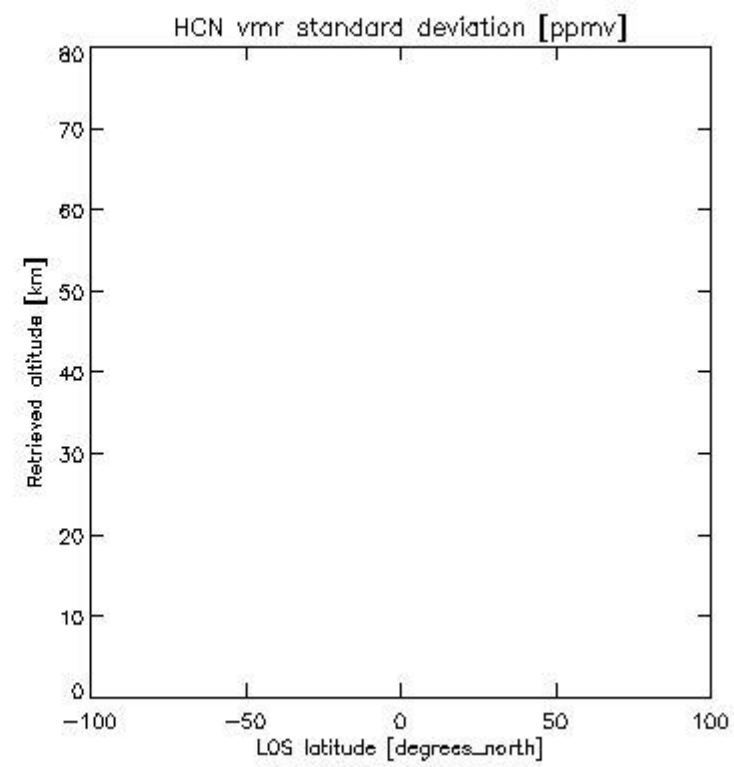
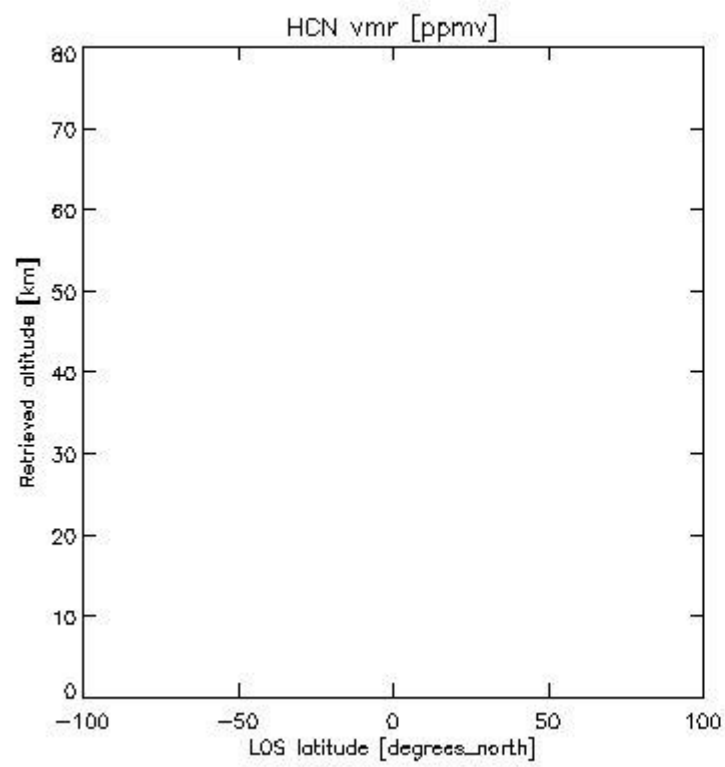


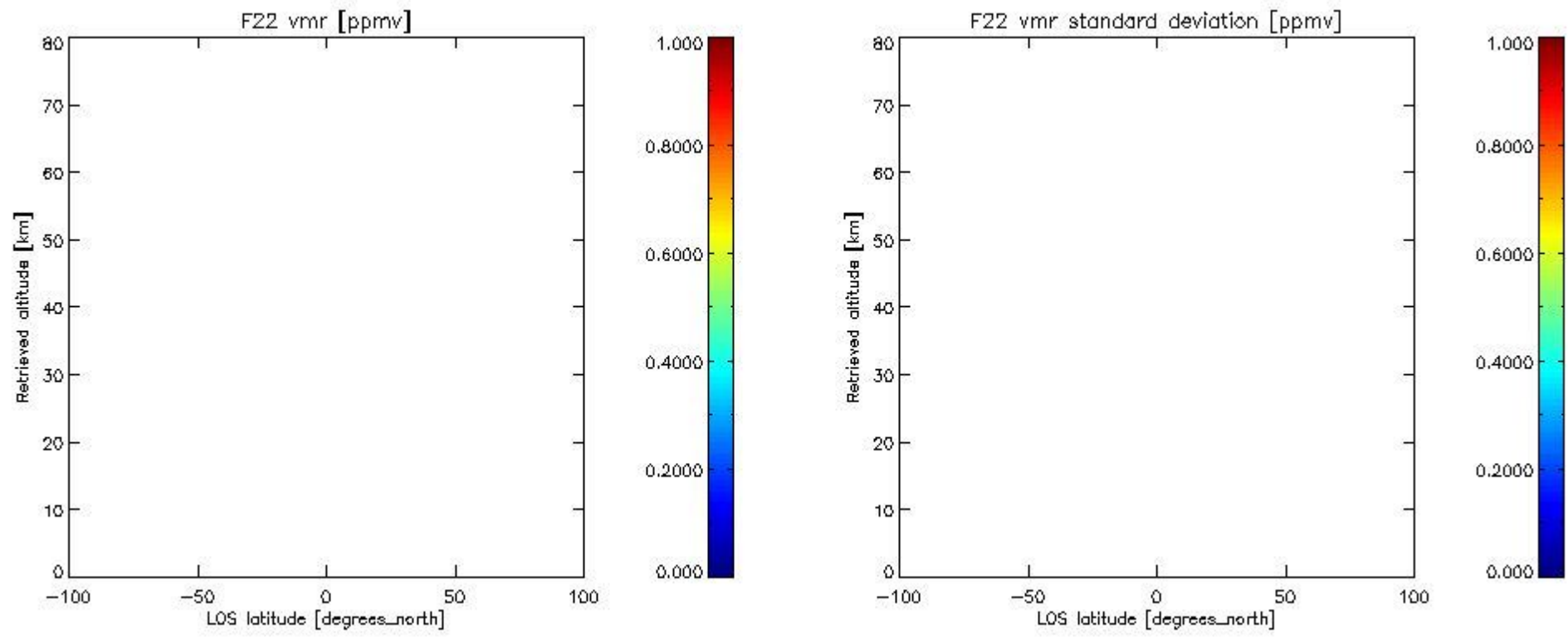
2.3.4.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual vmr values over retrieved altitude and target latitude.

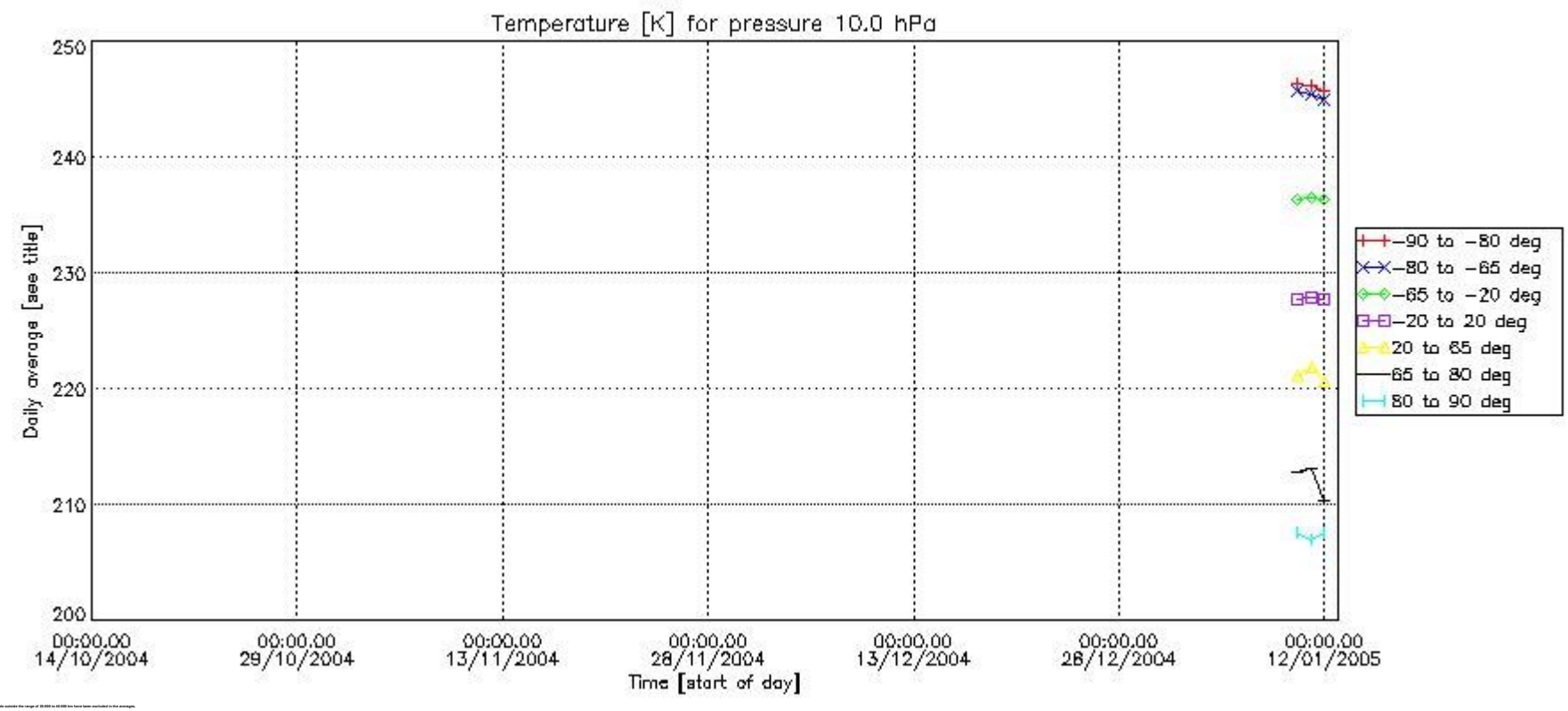


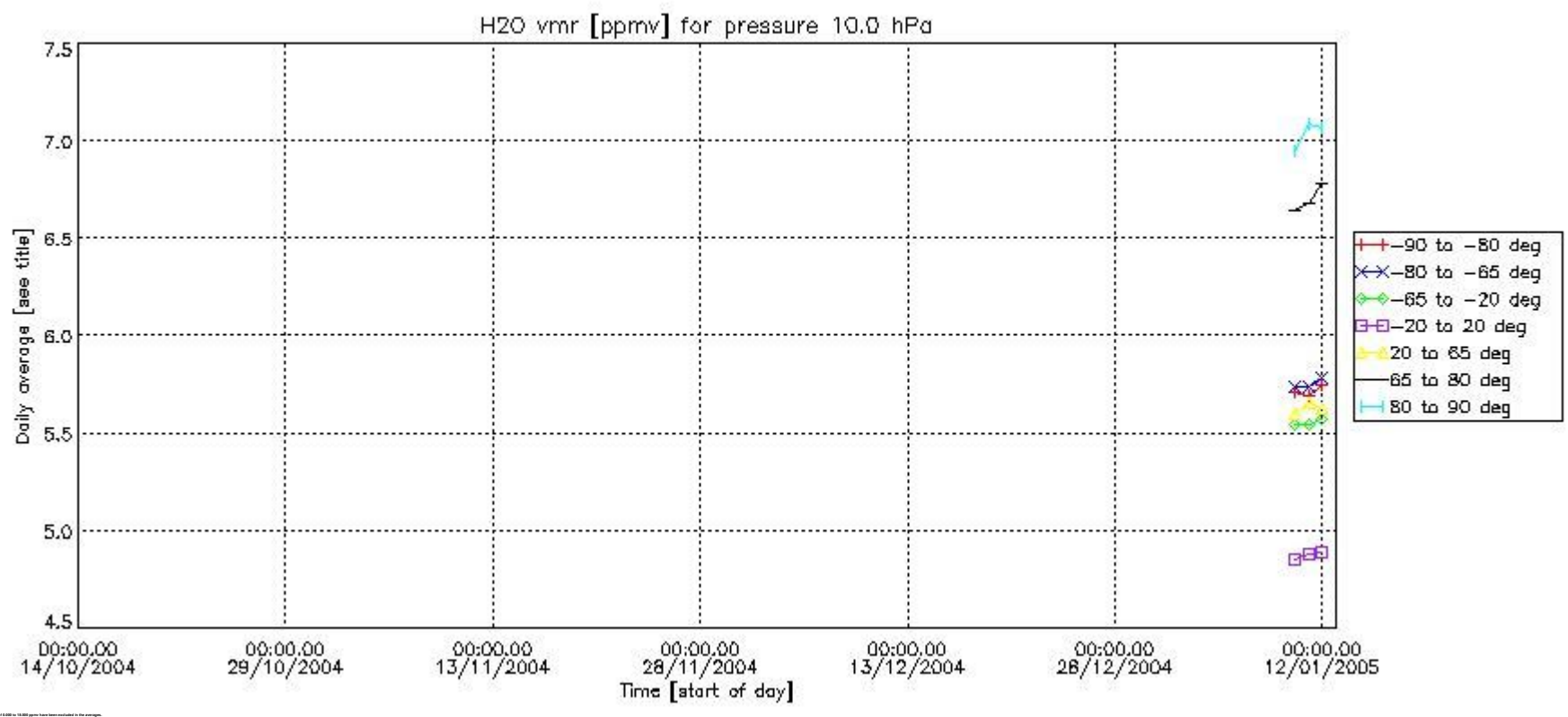
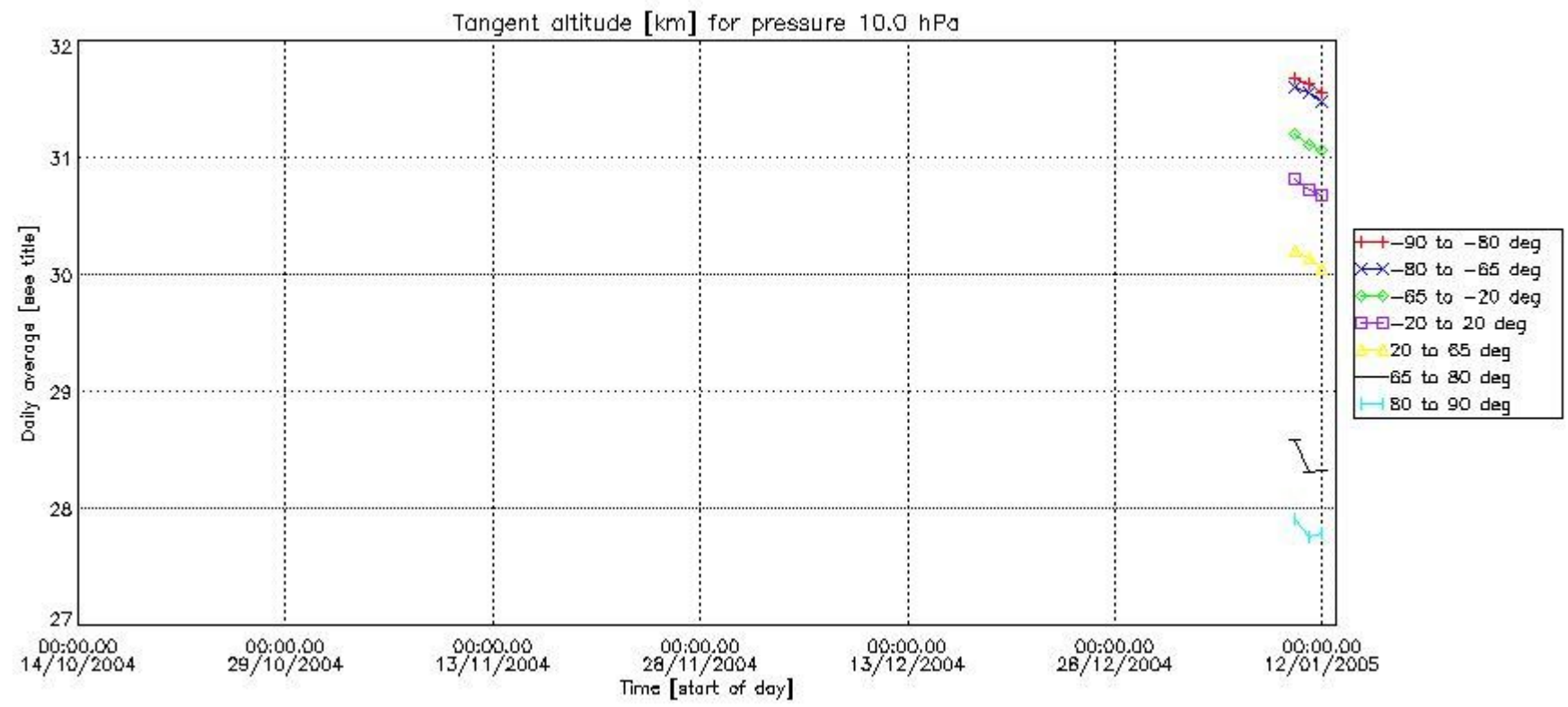


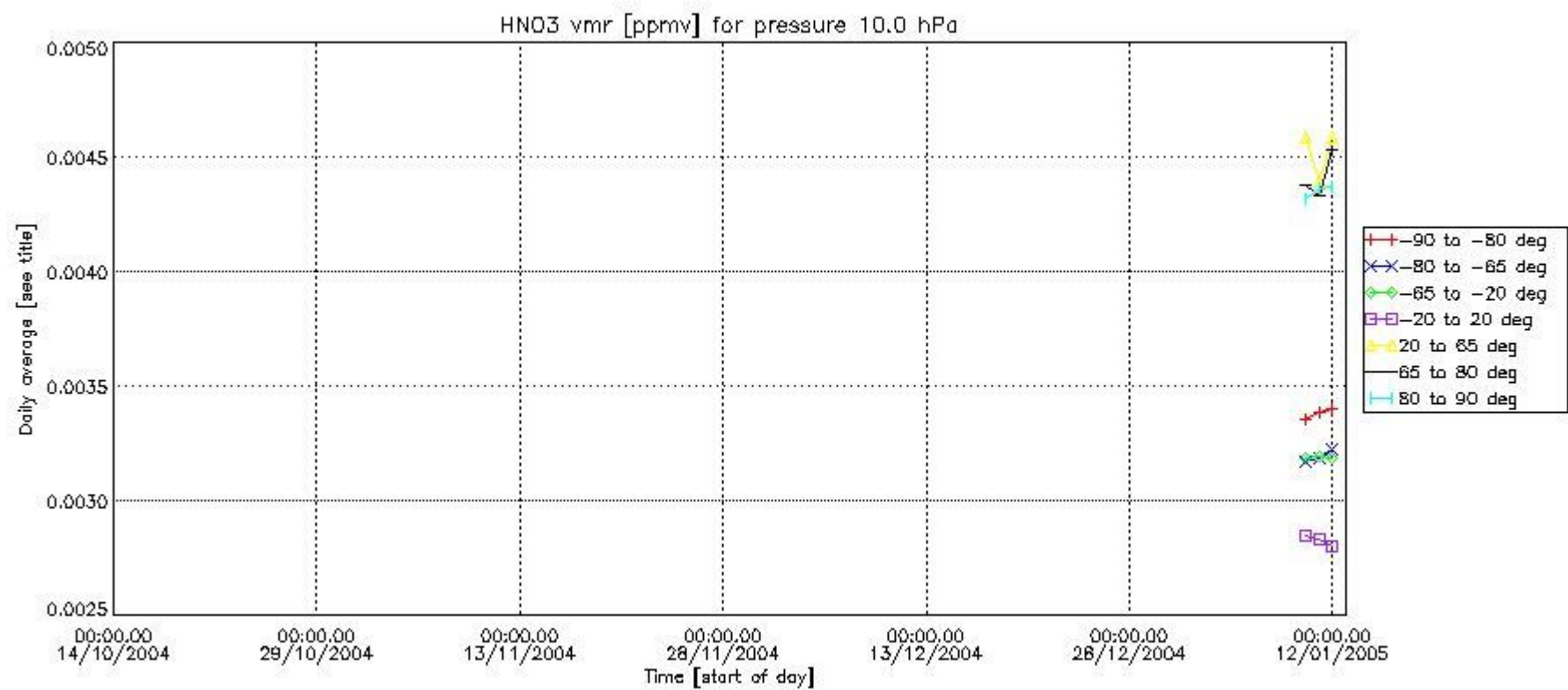
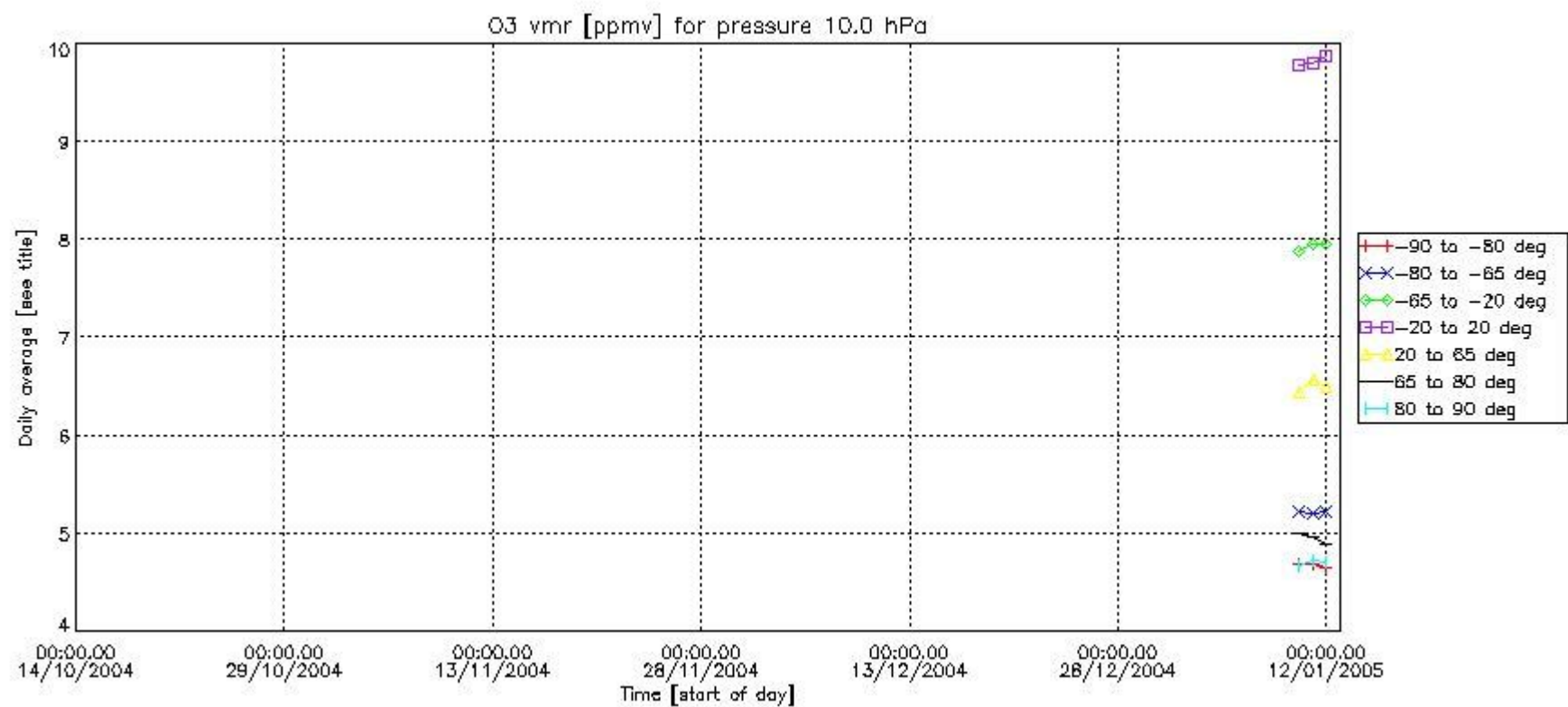


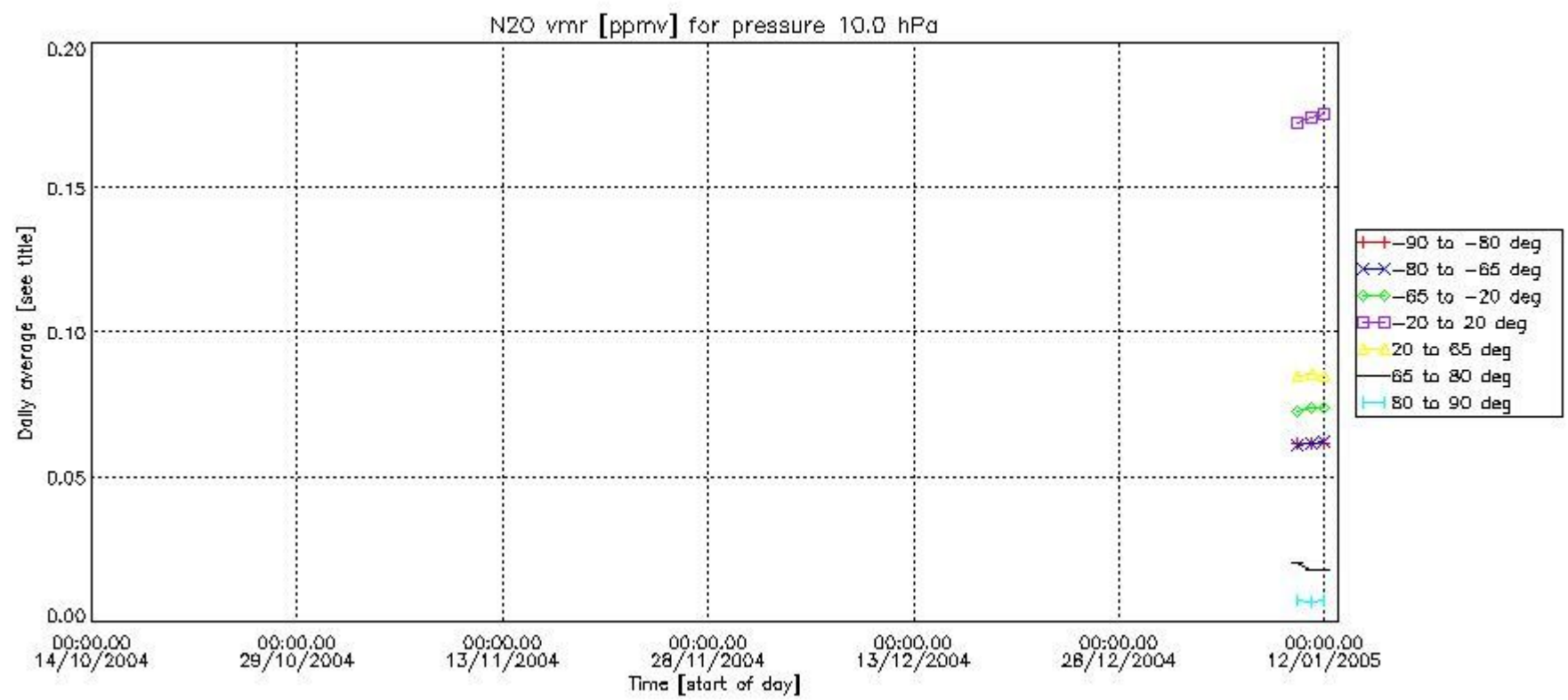
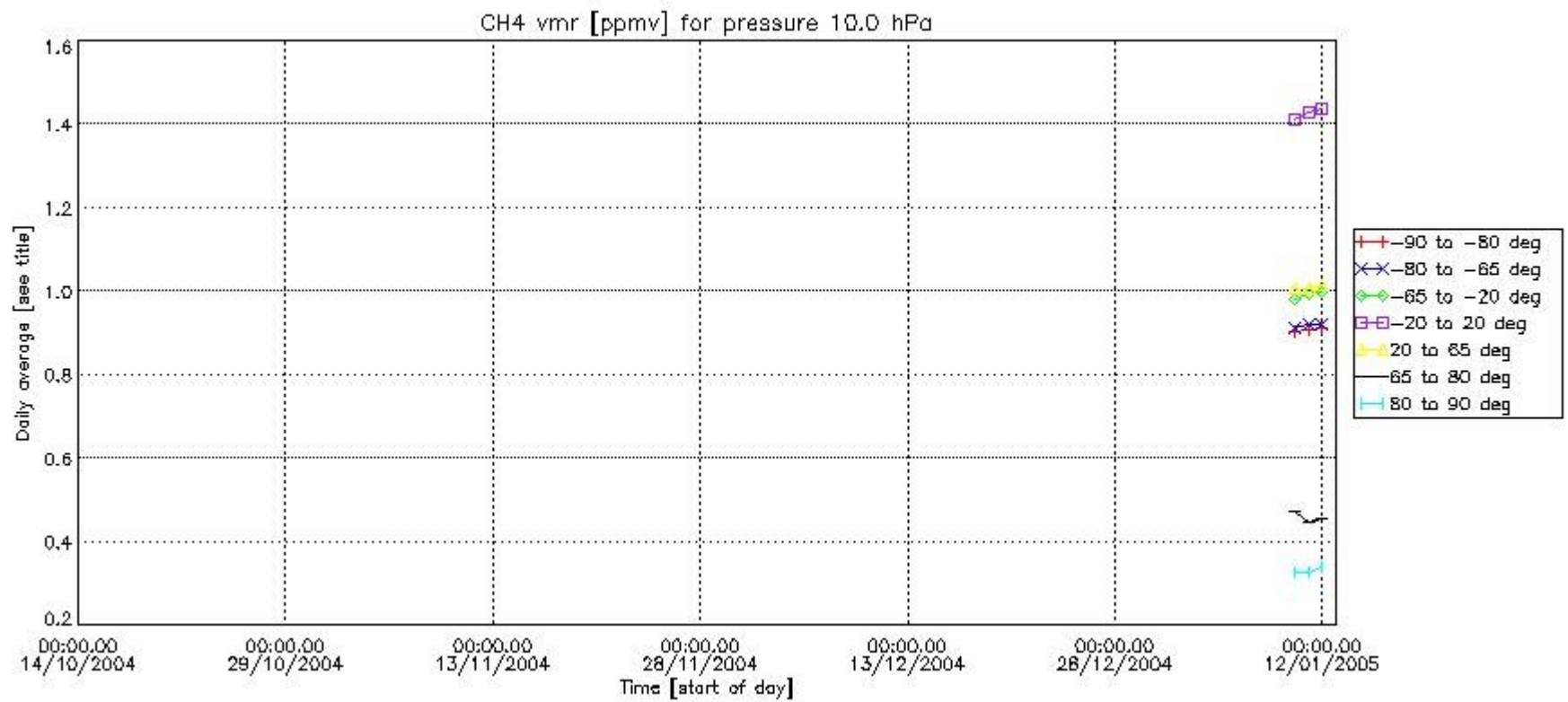


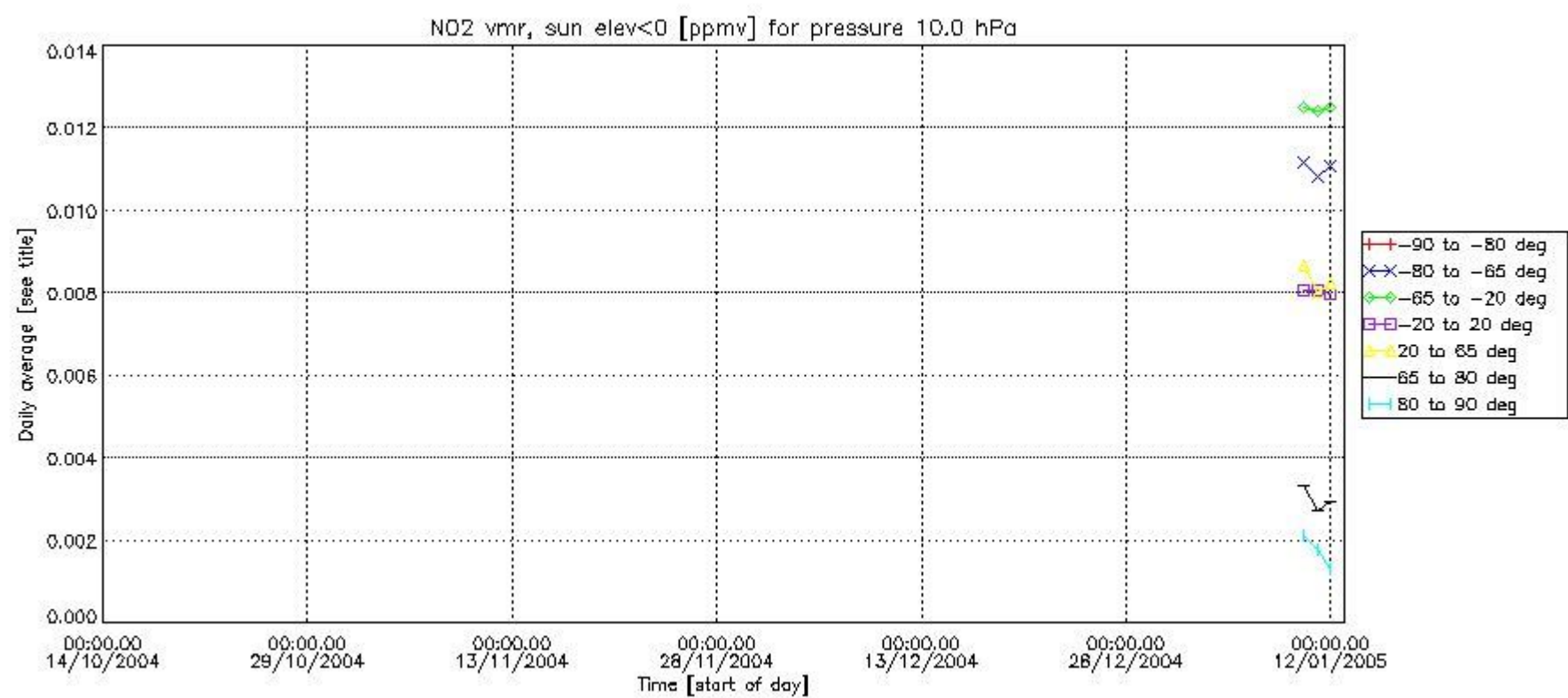
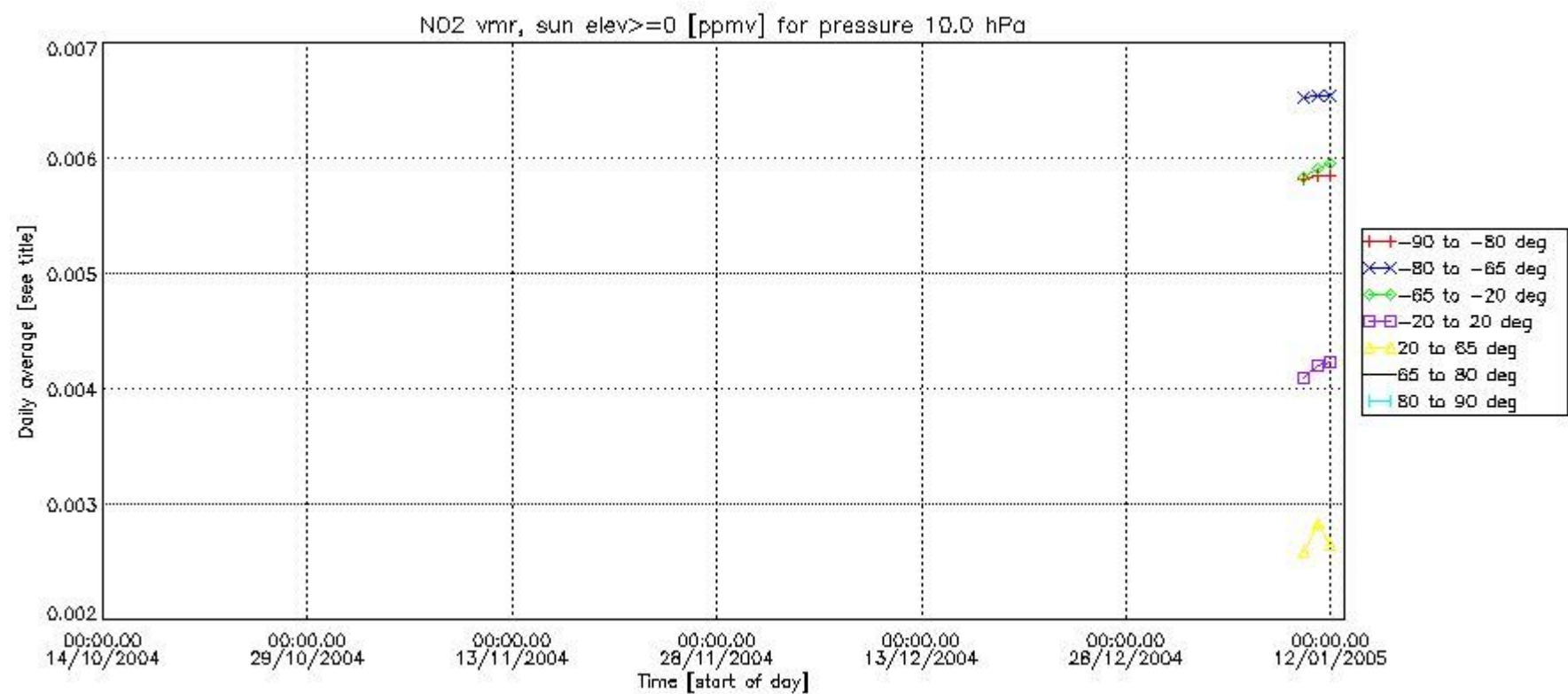


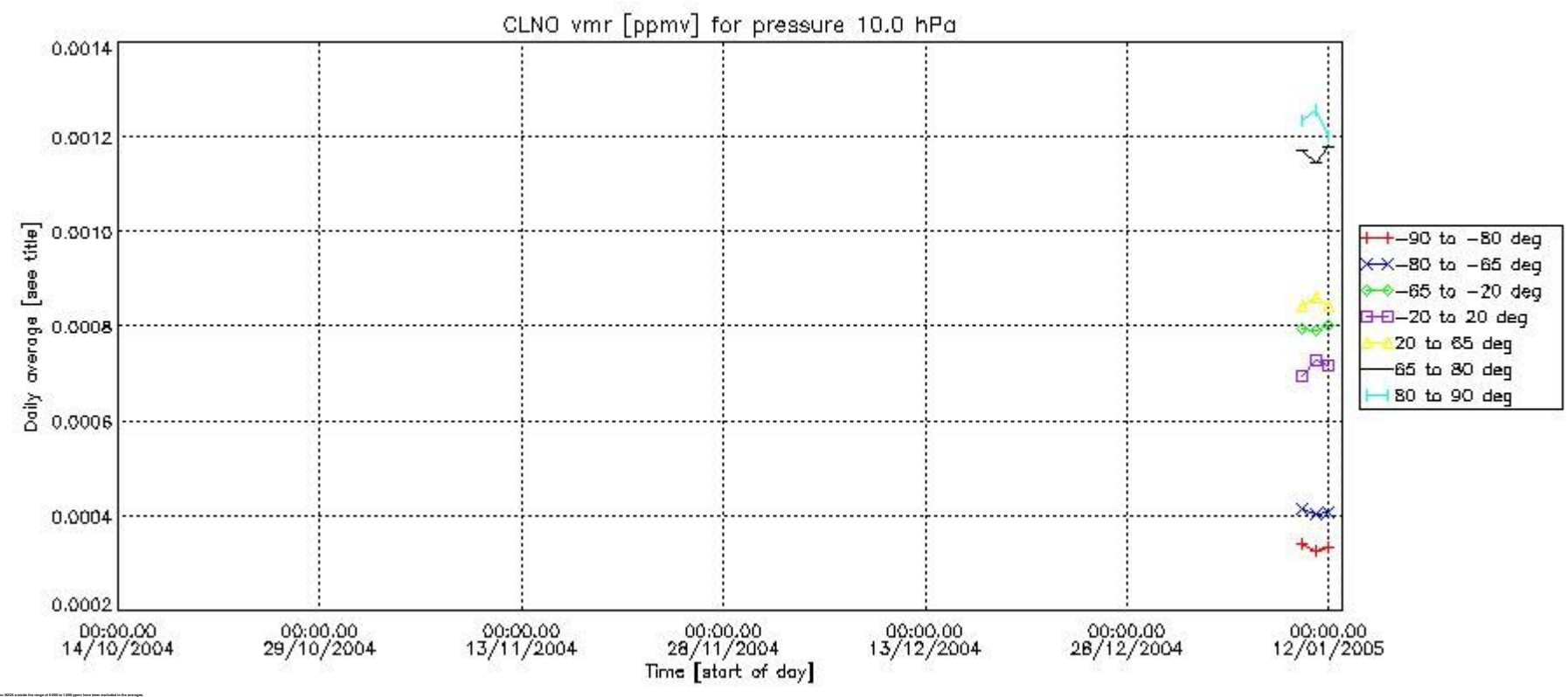
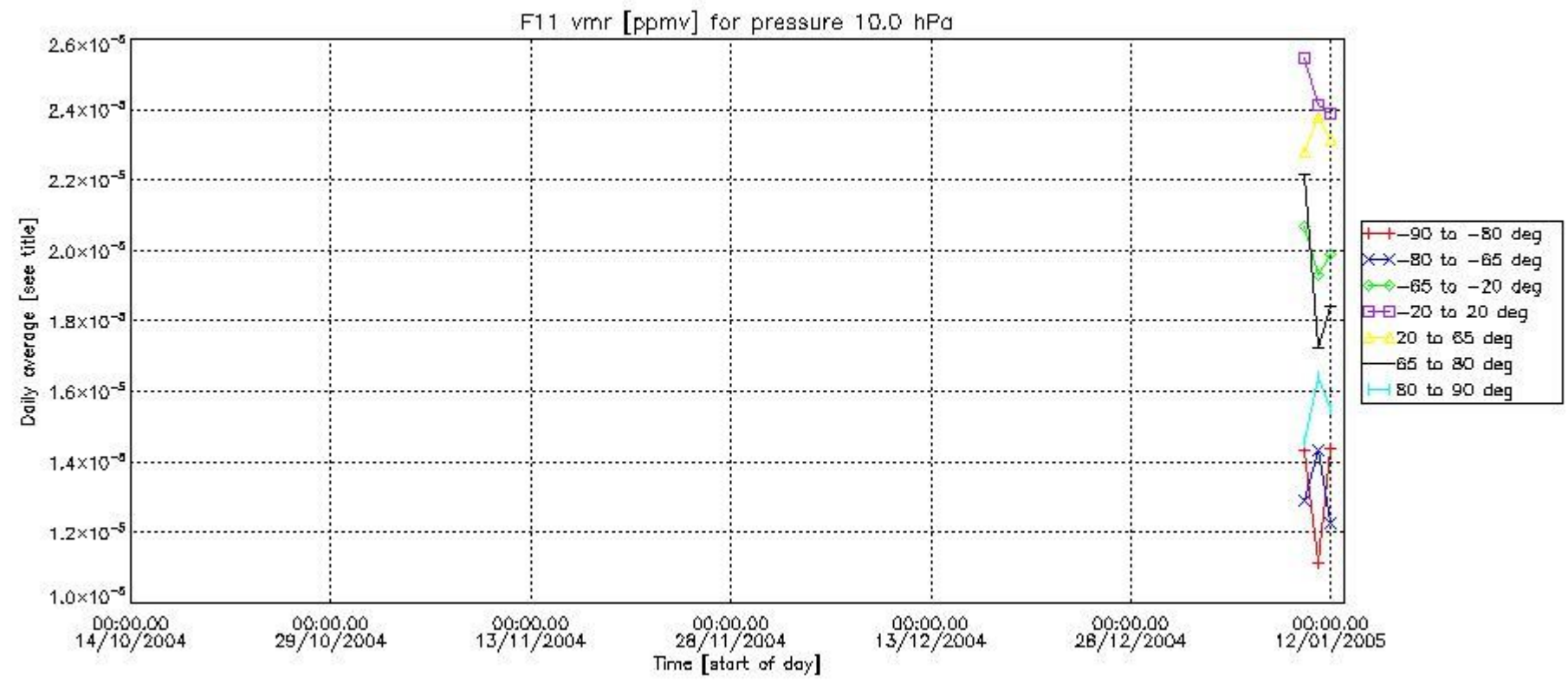


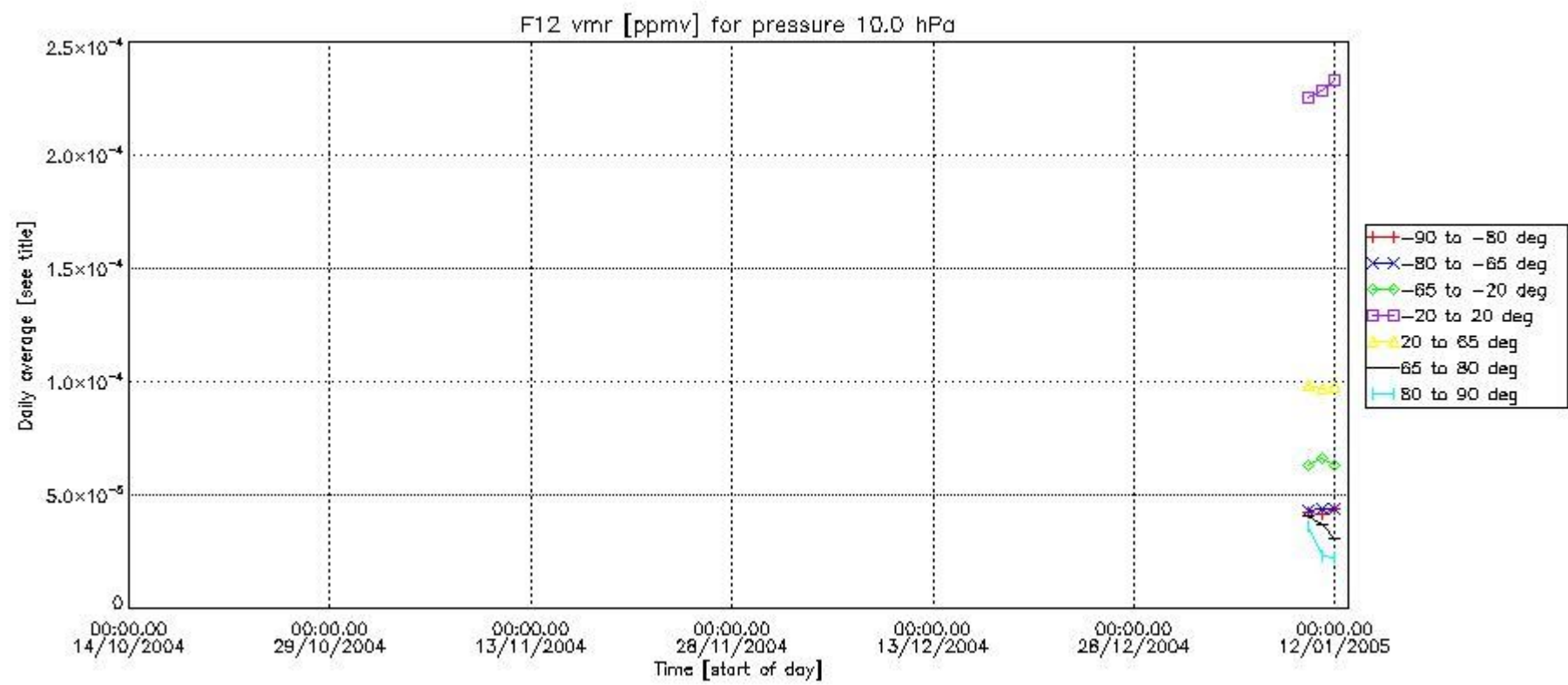
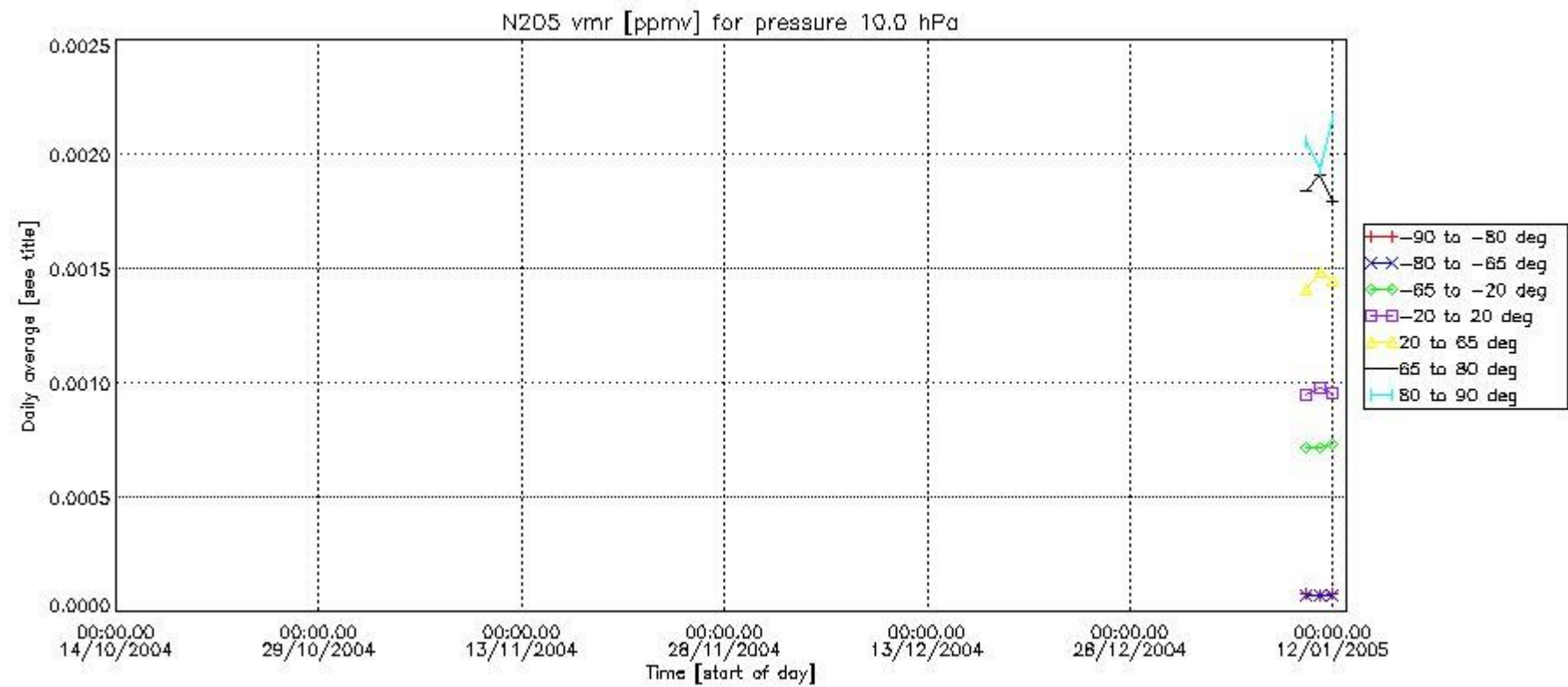


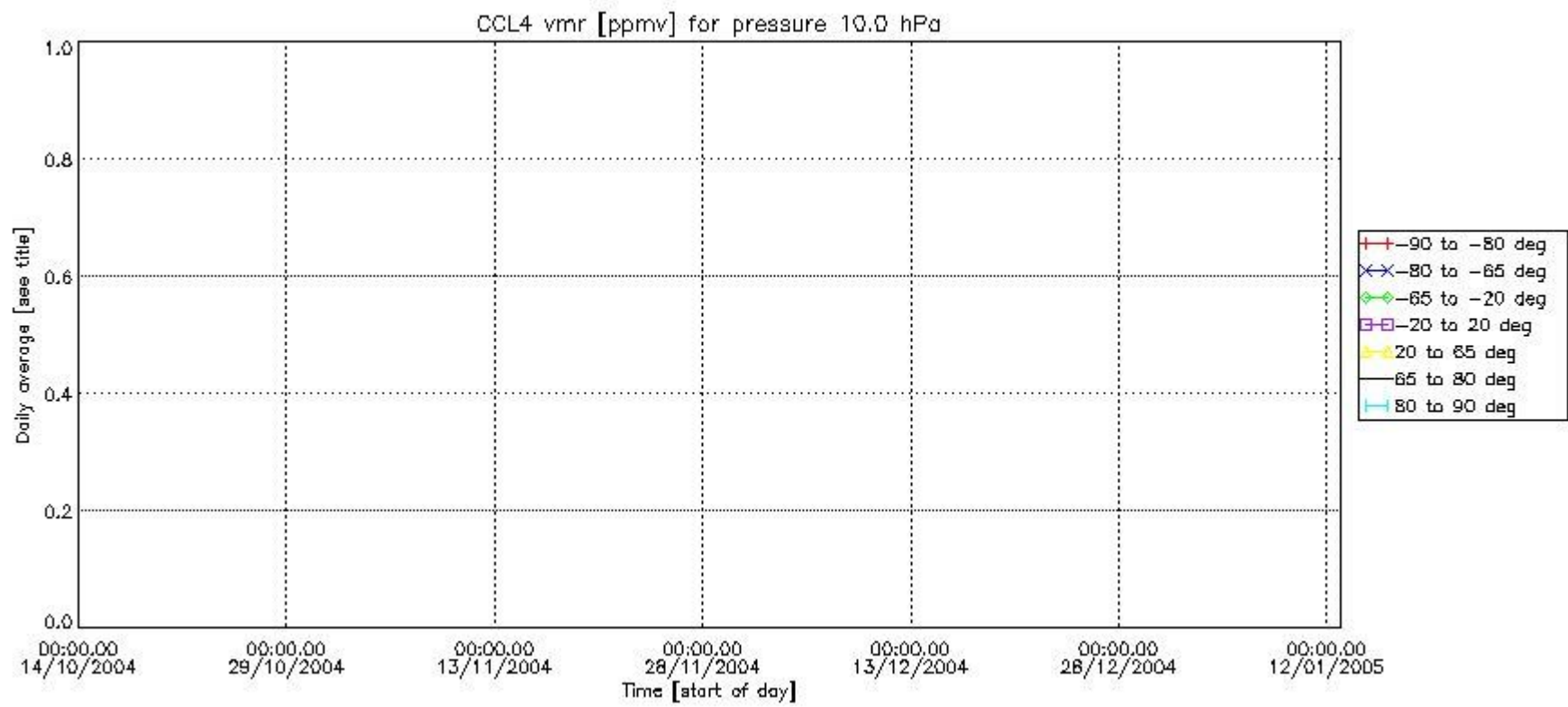
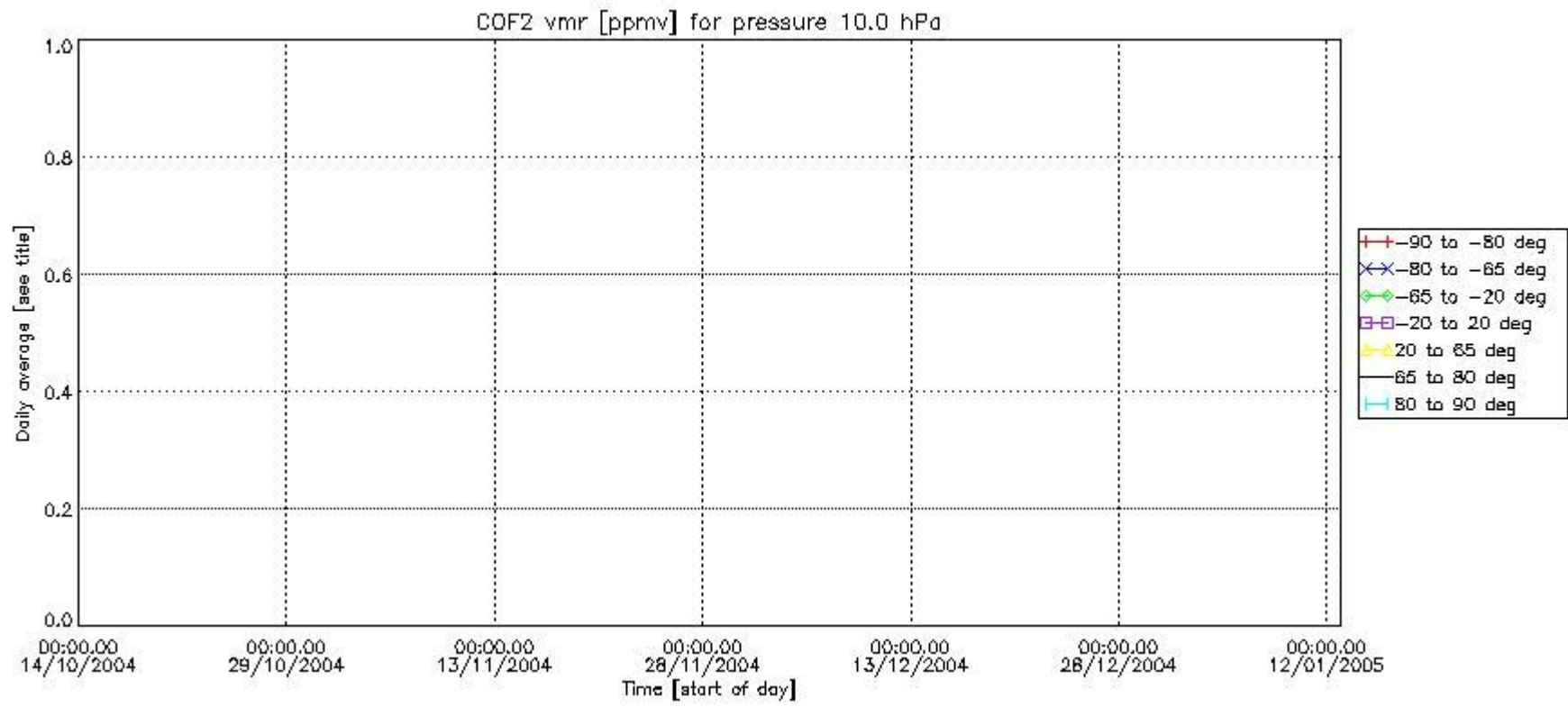


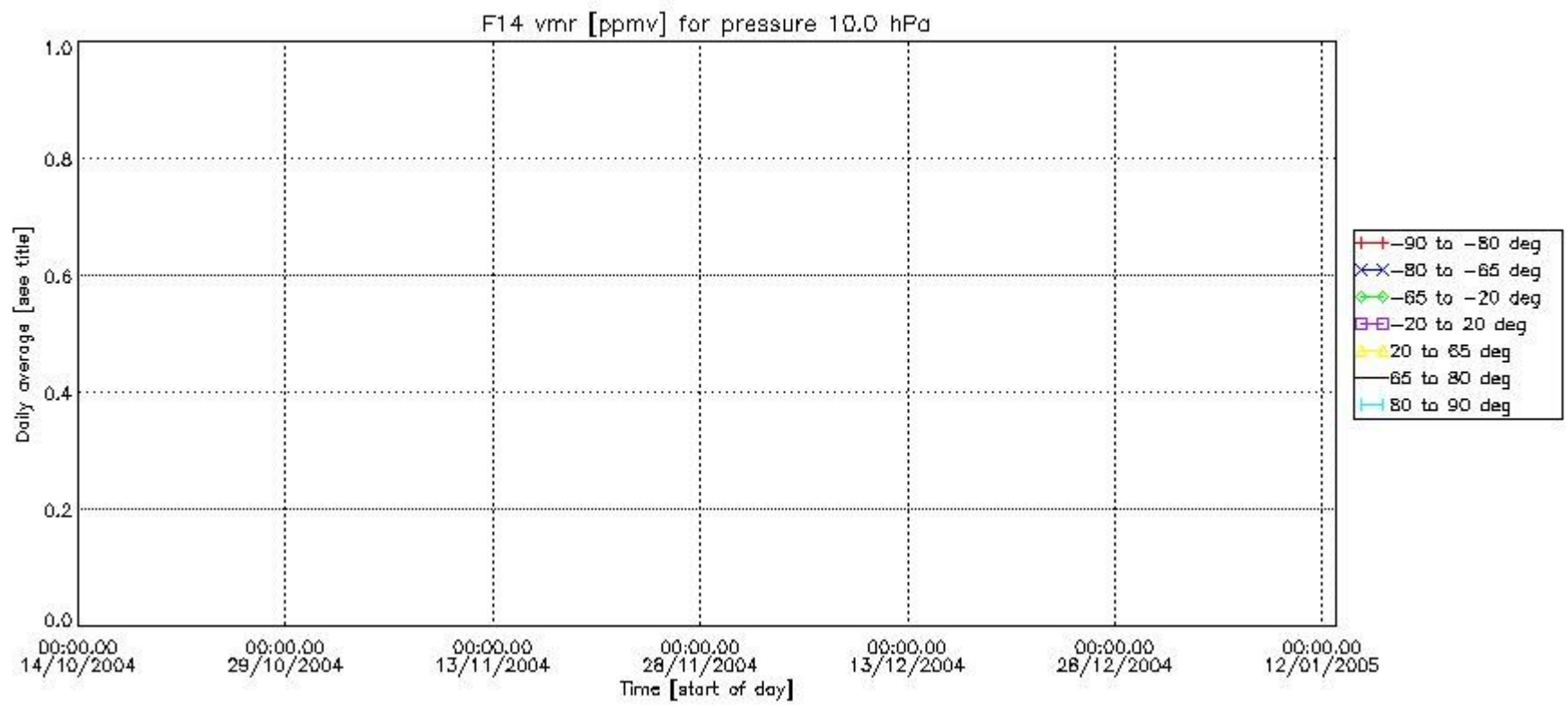
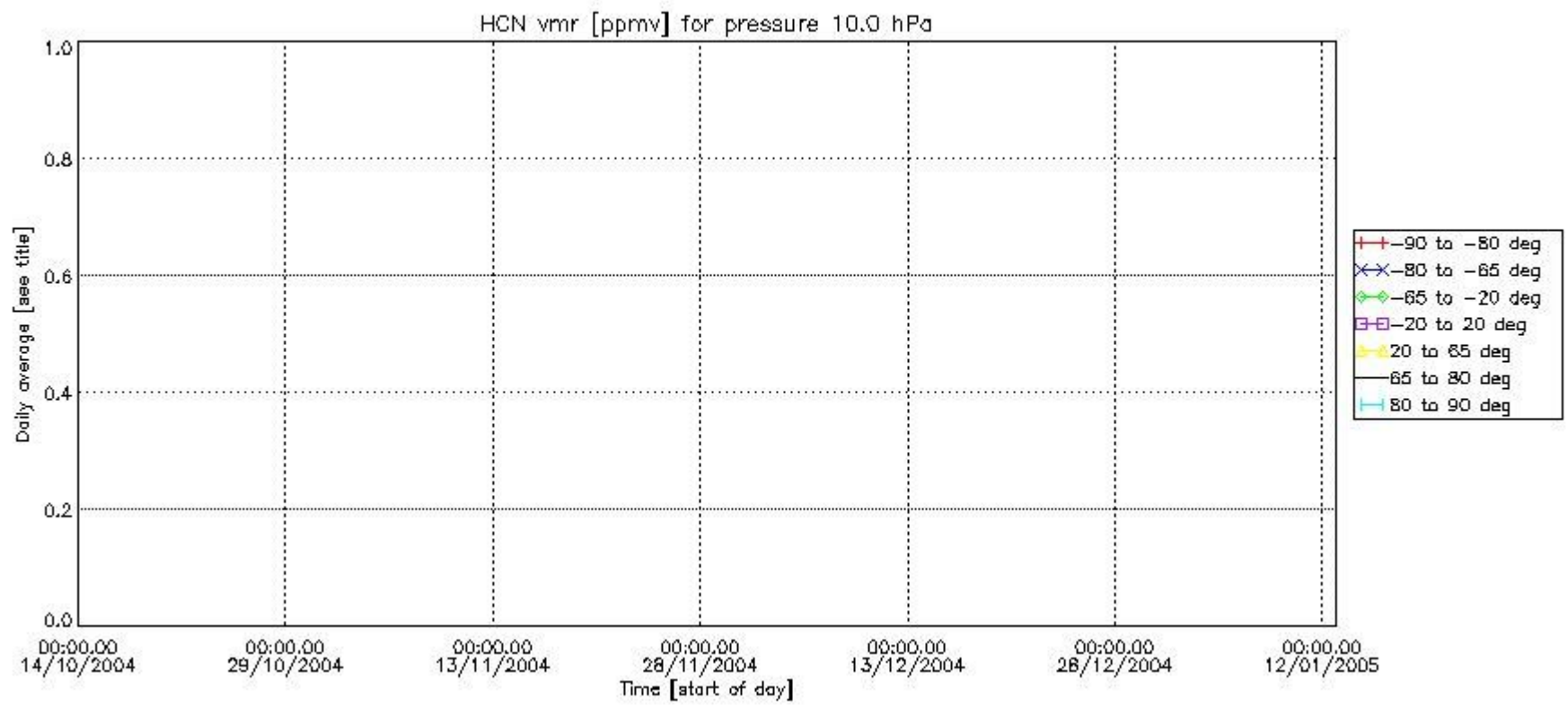


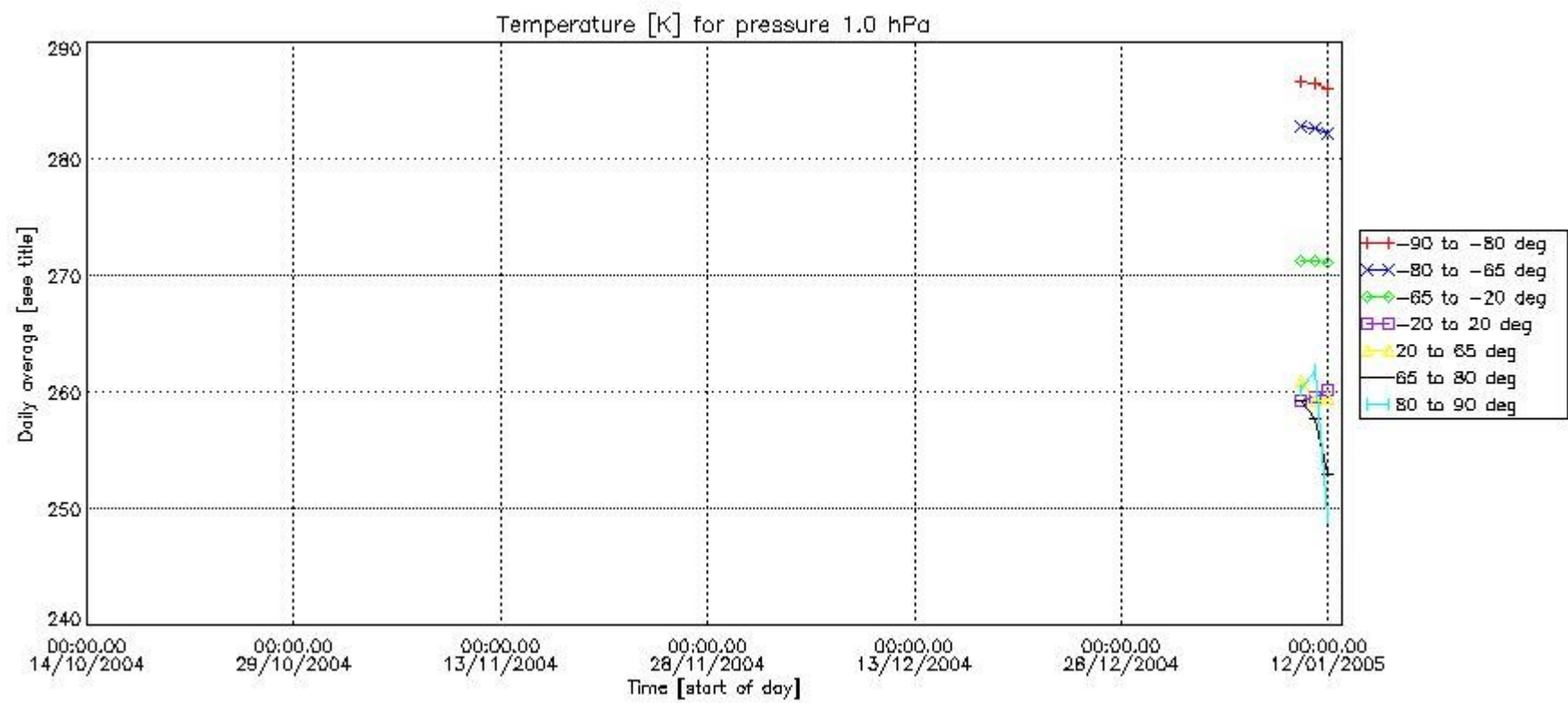
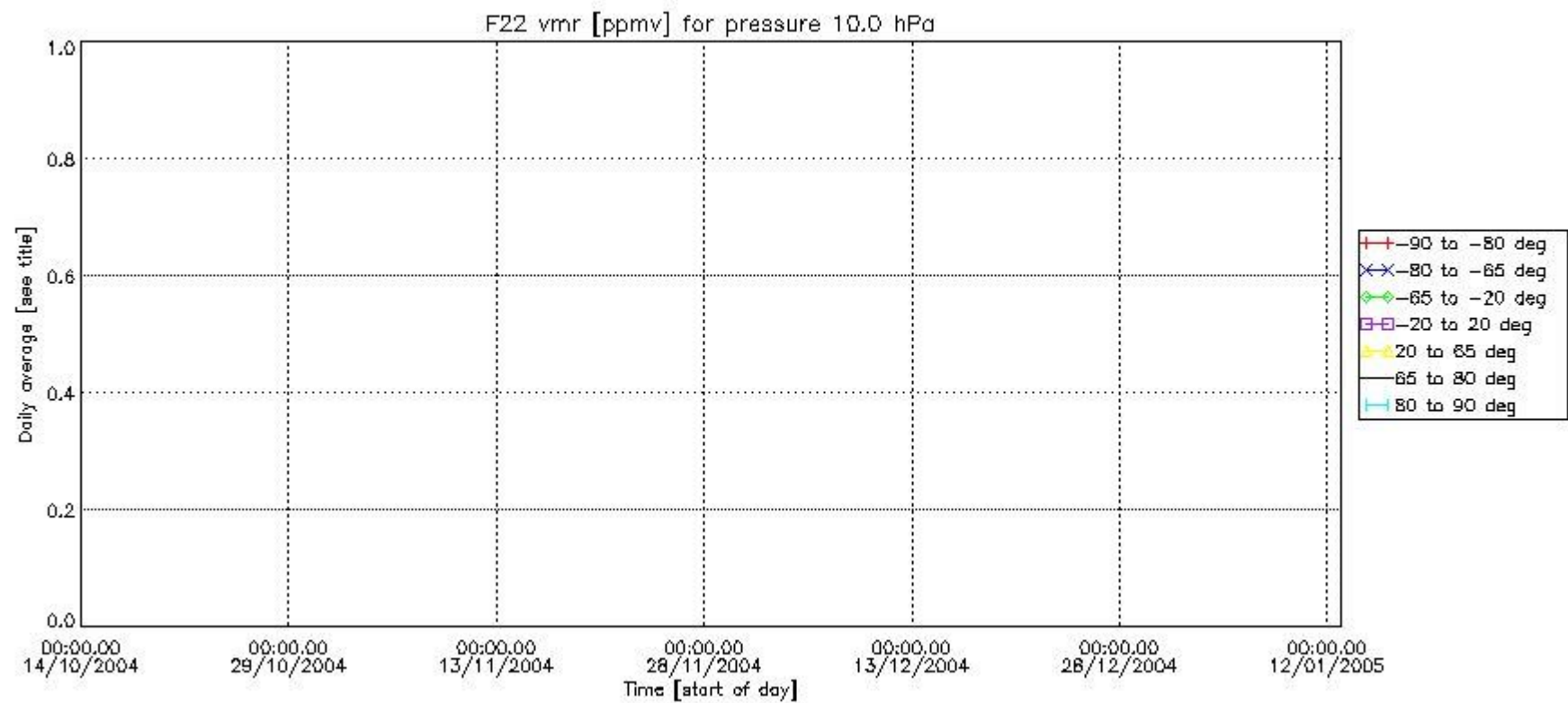


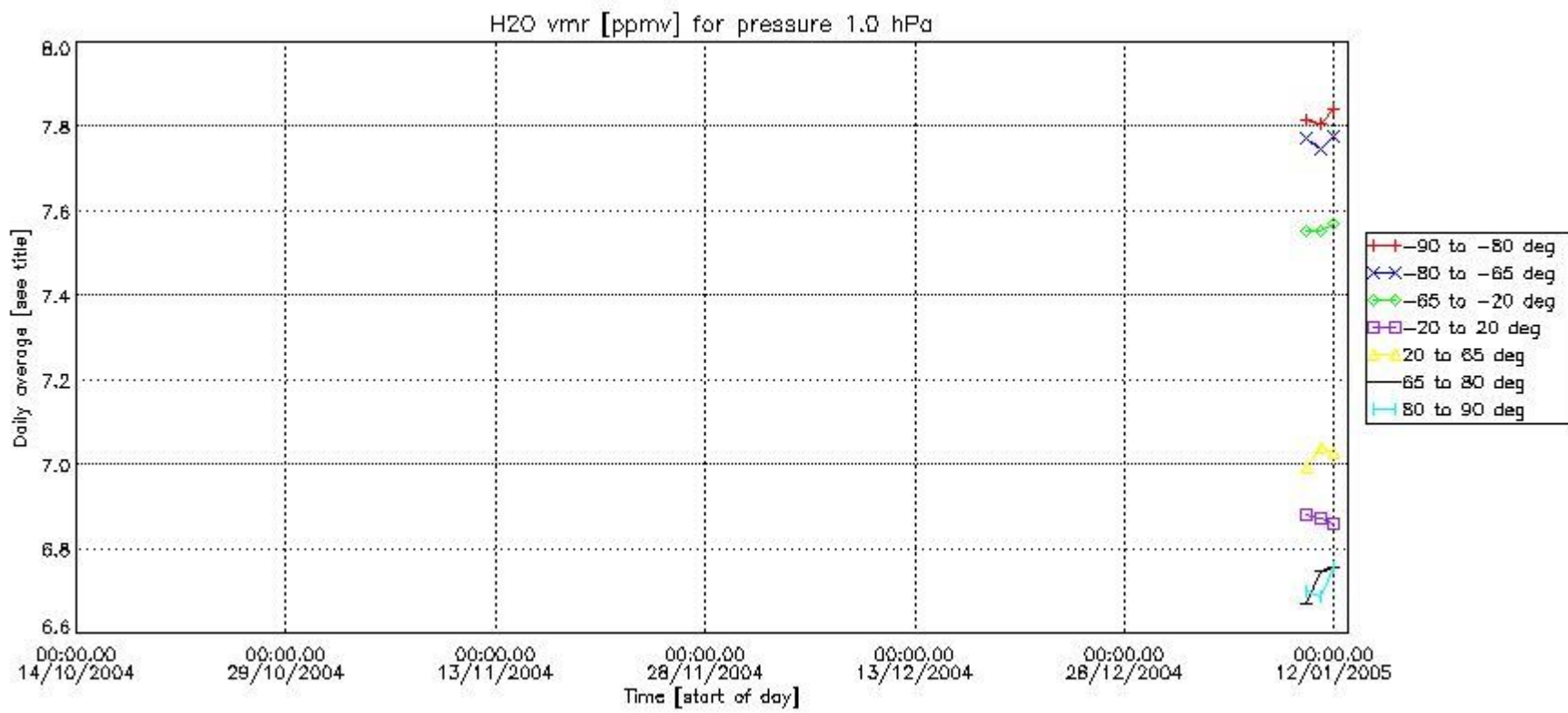
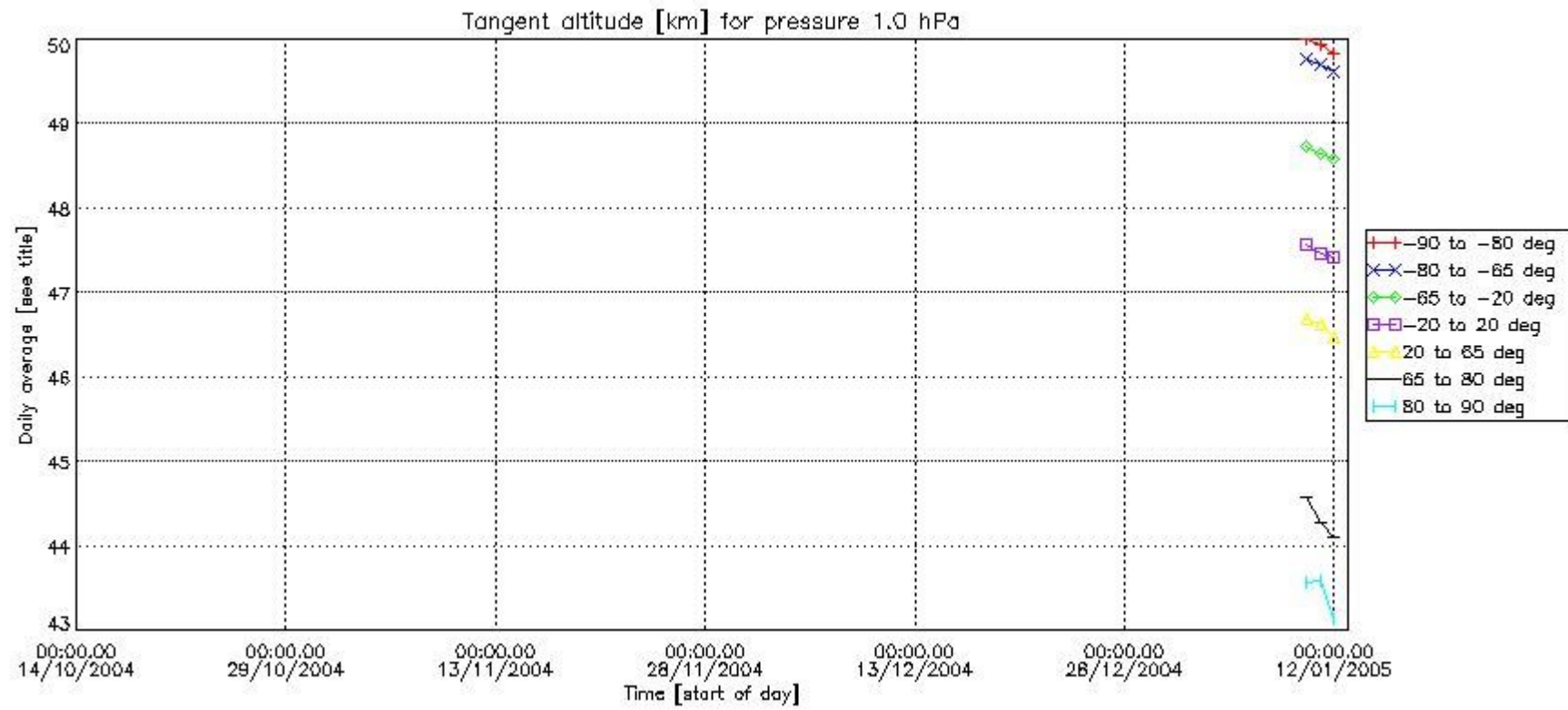


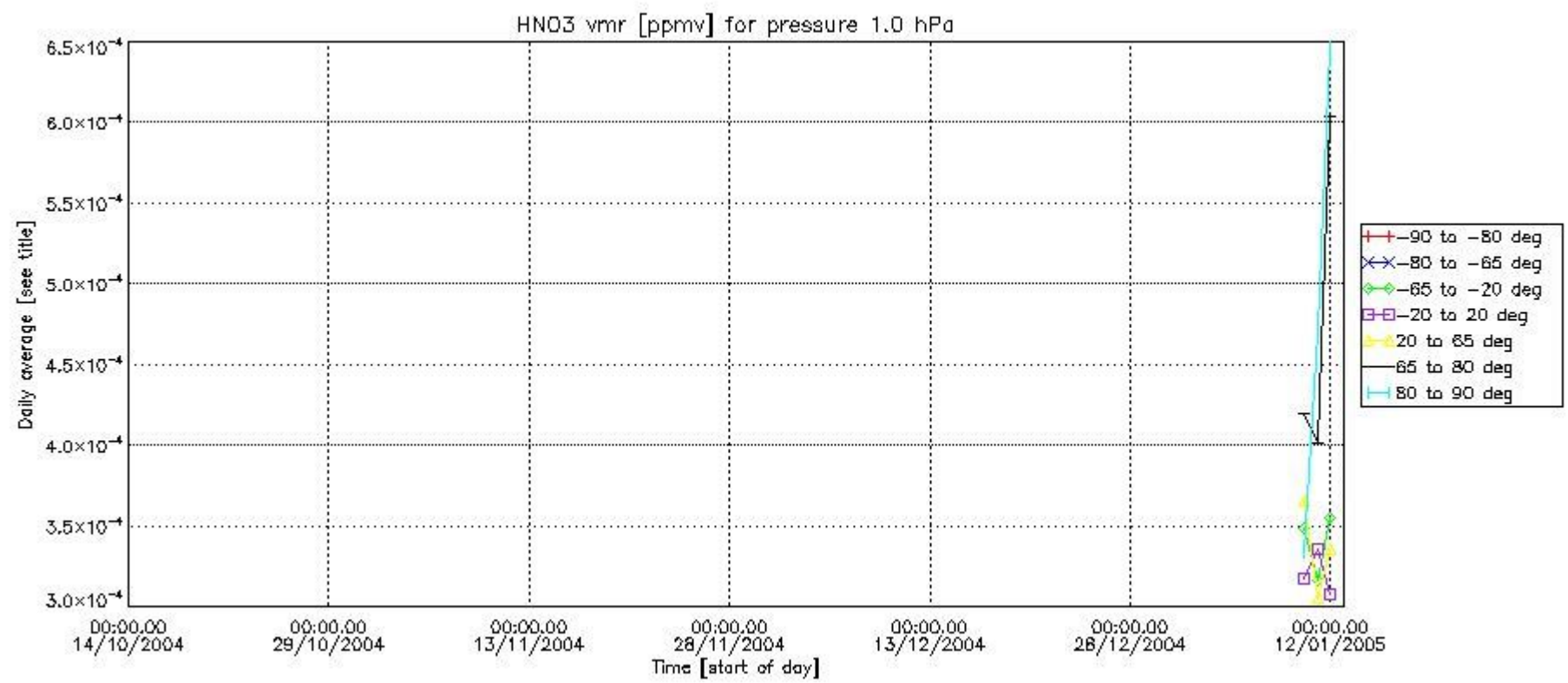
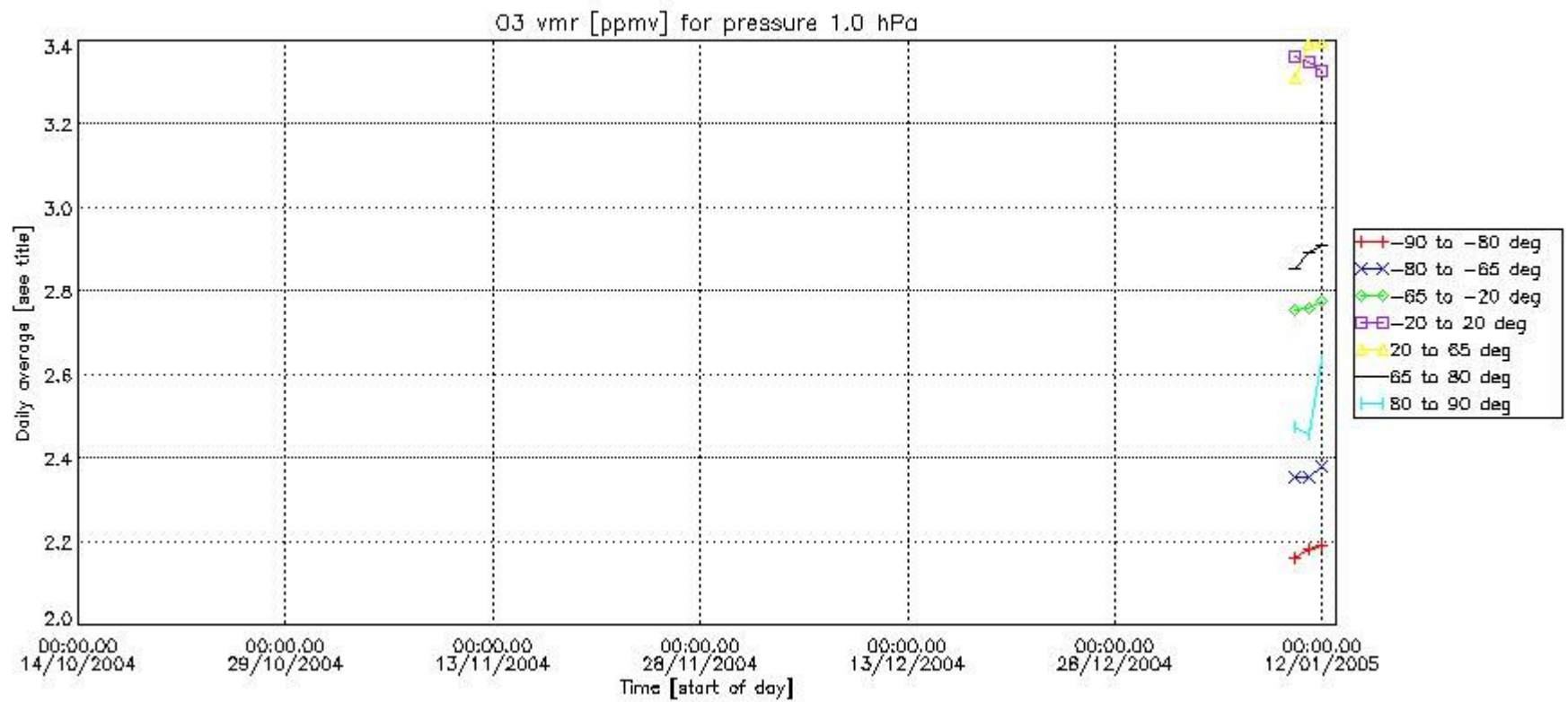


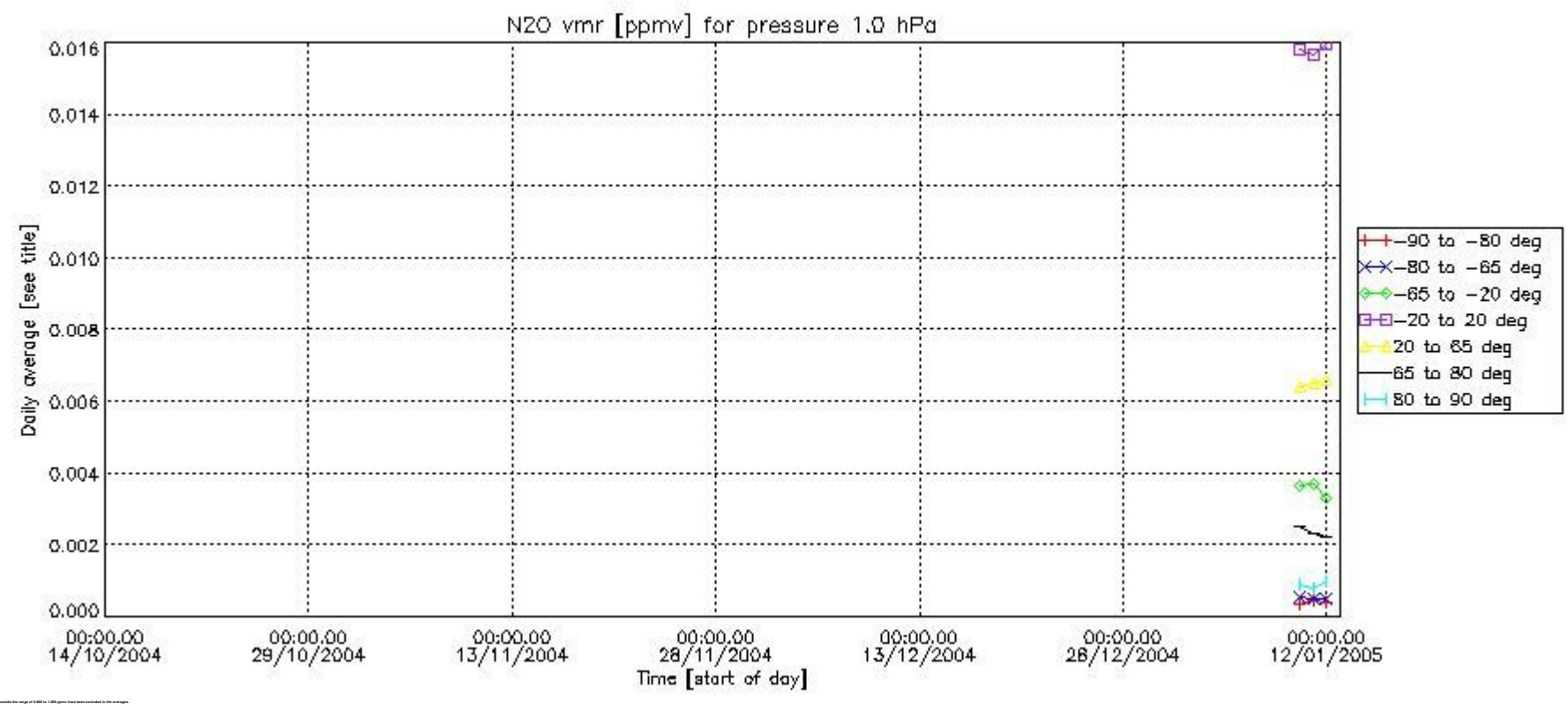
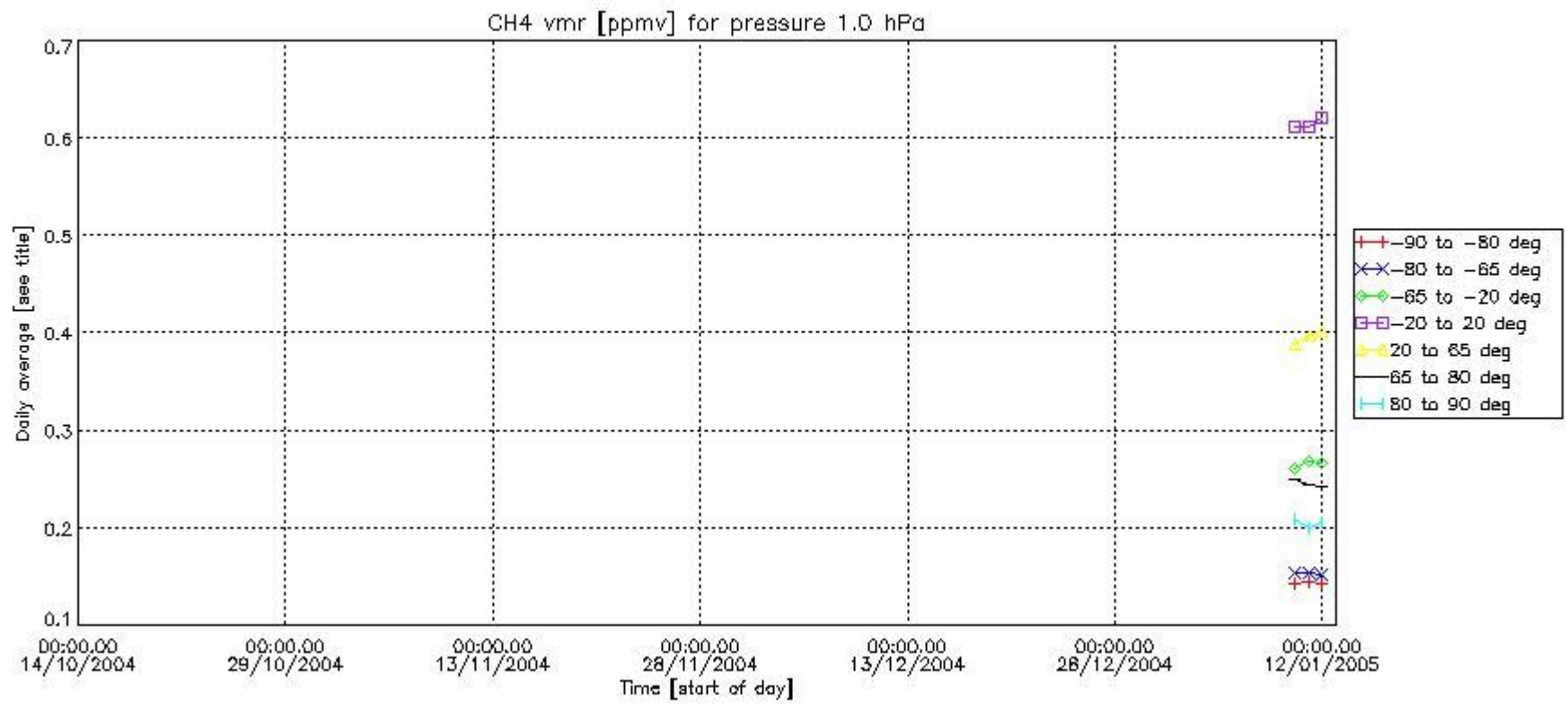


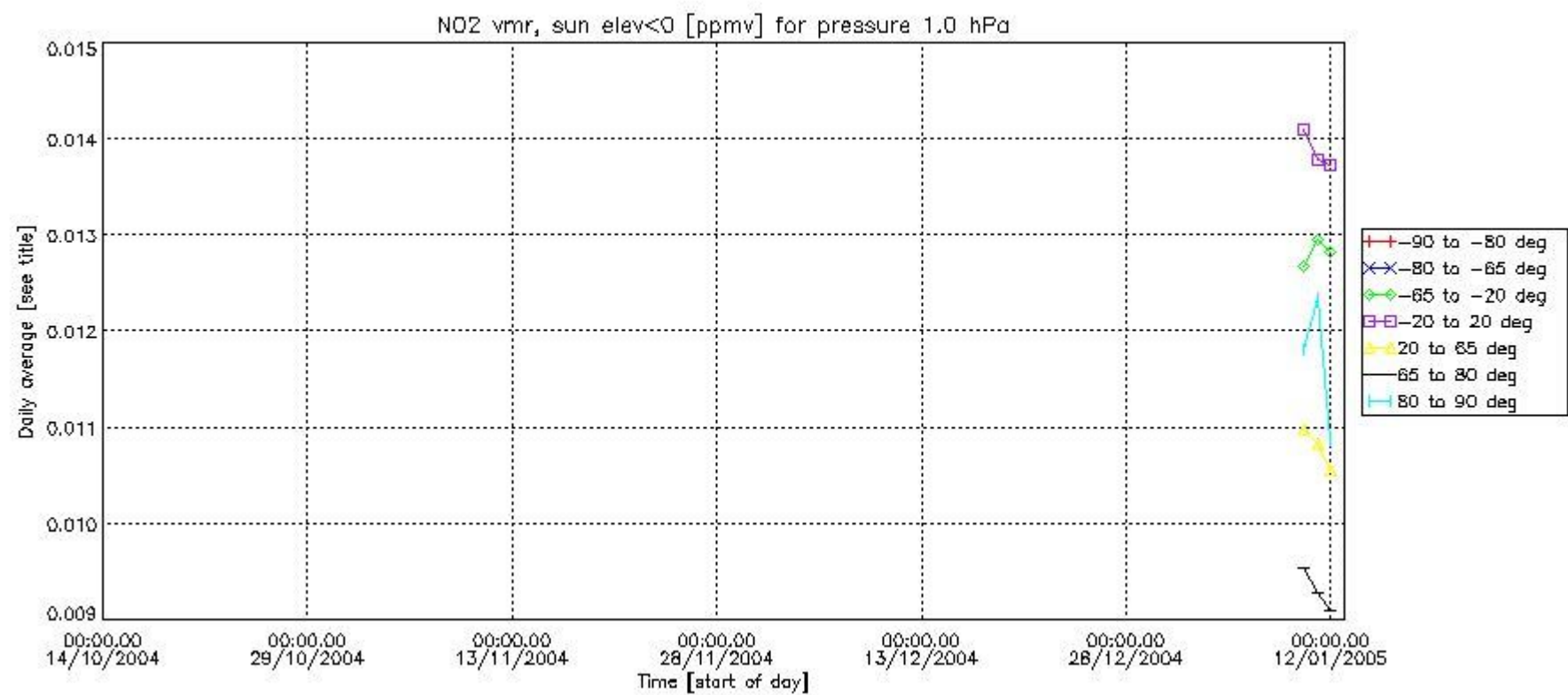
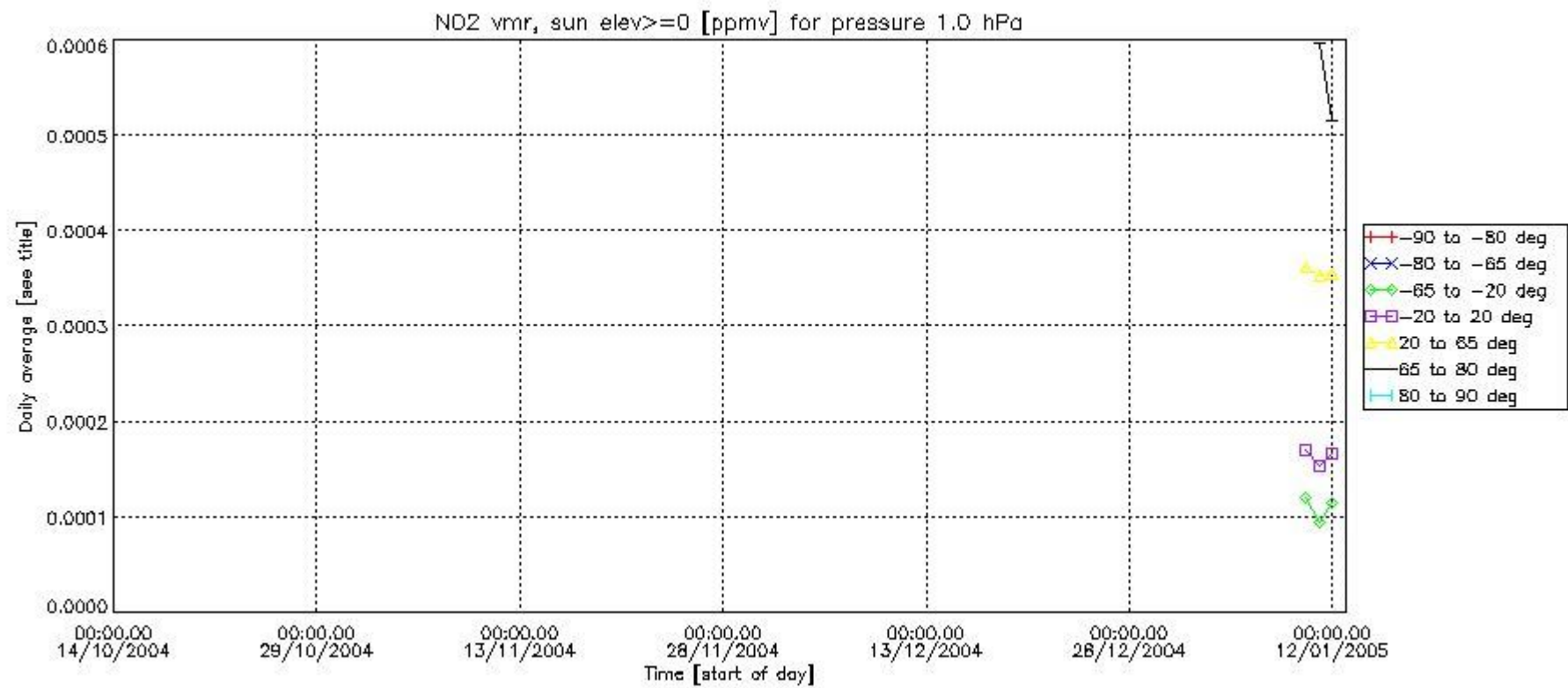


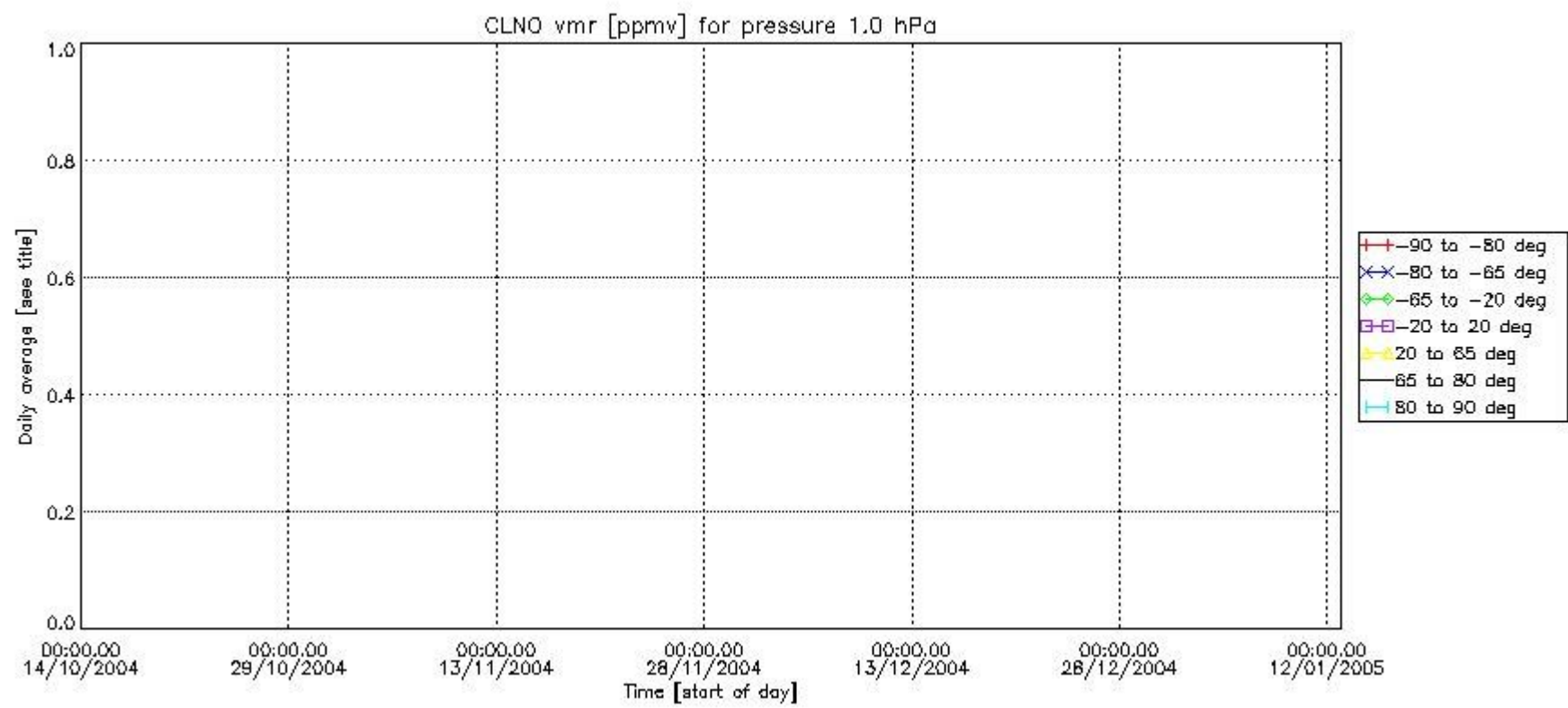
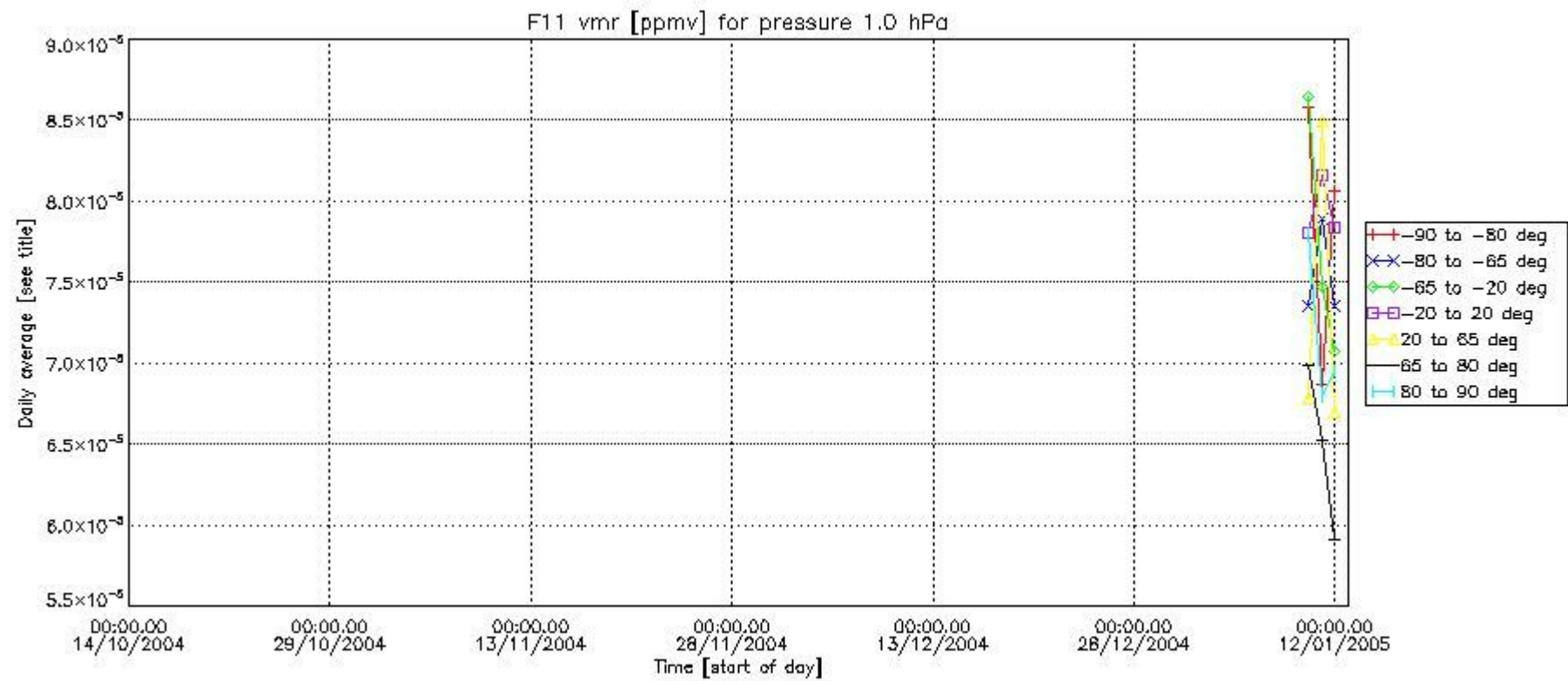


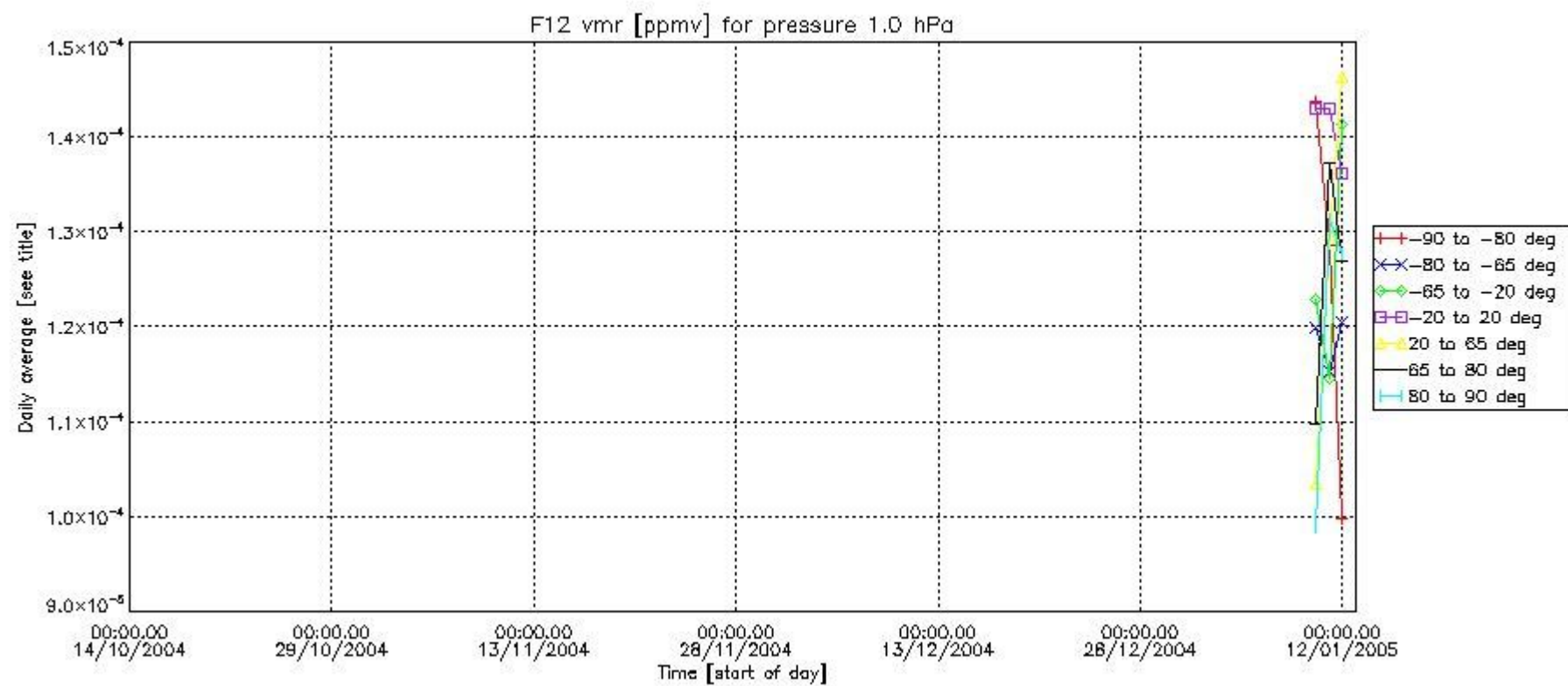
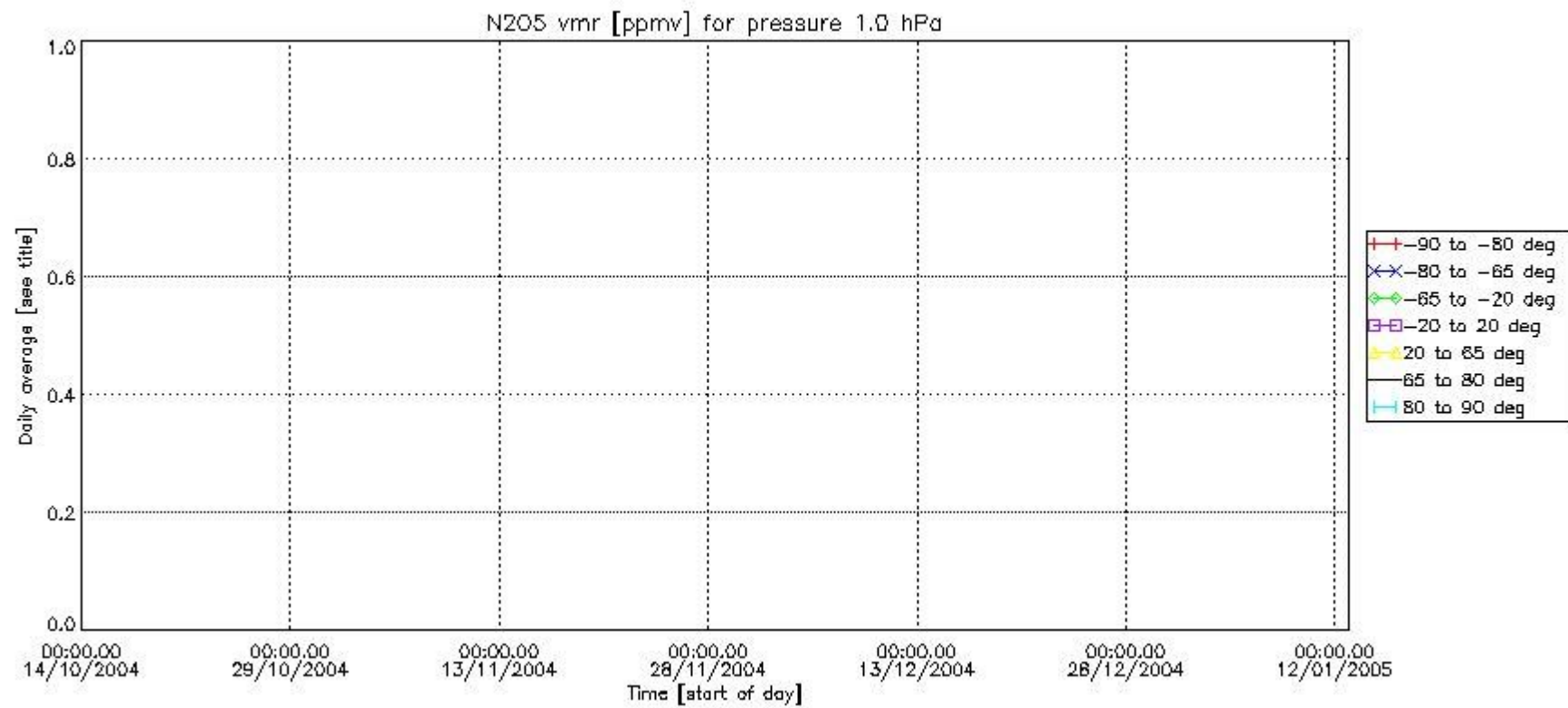


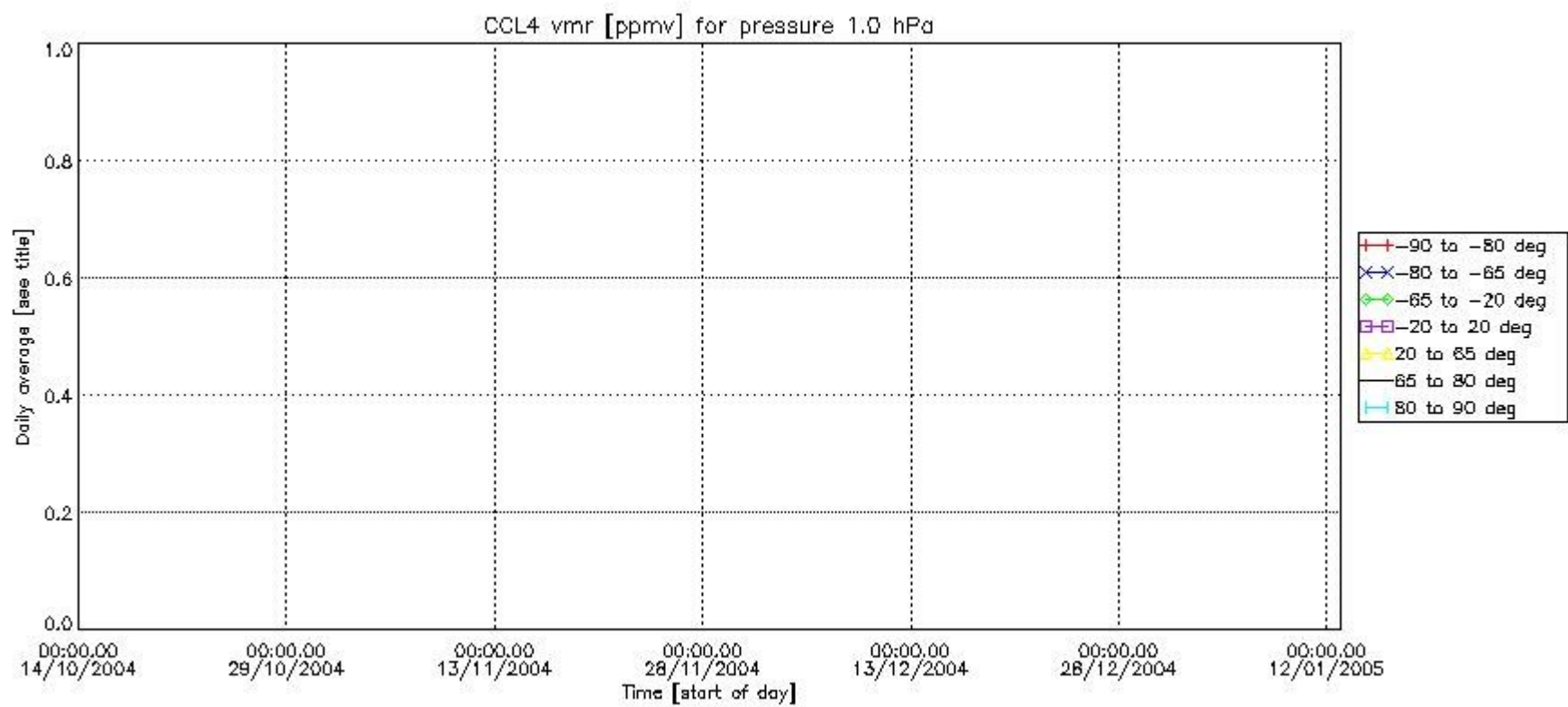
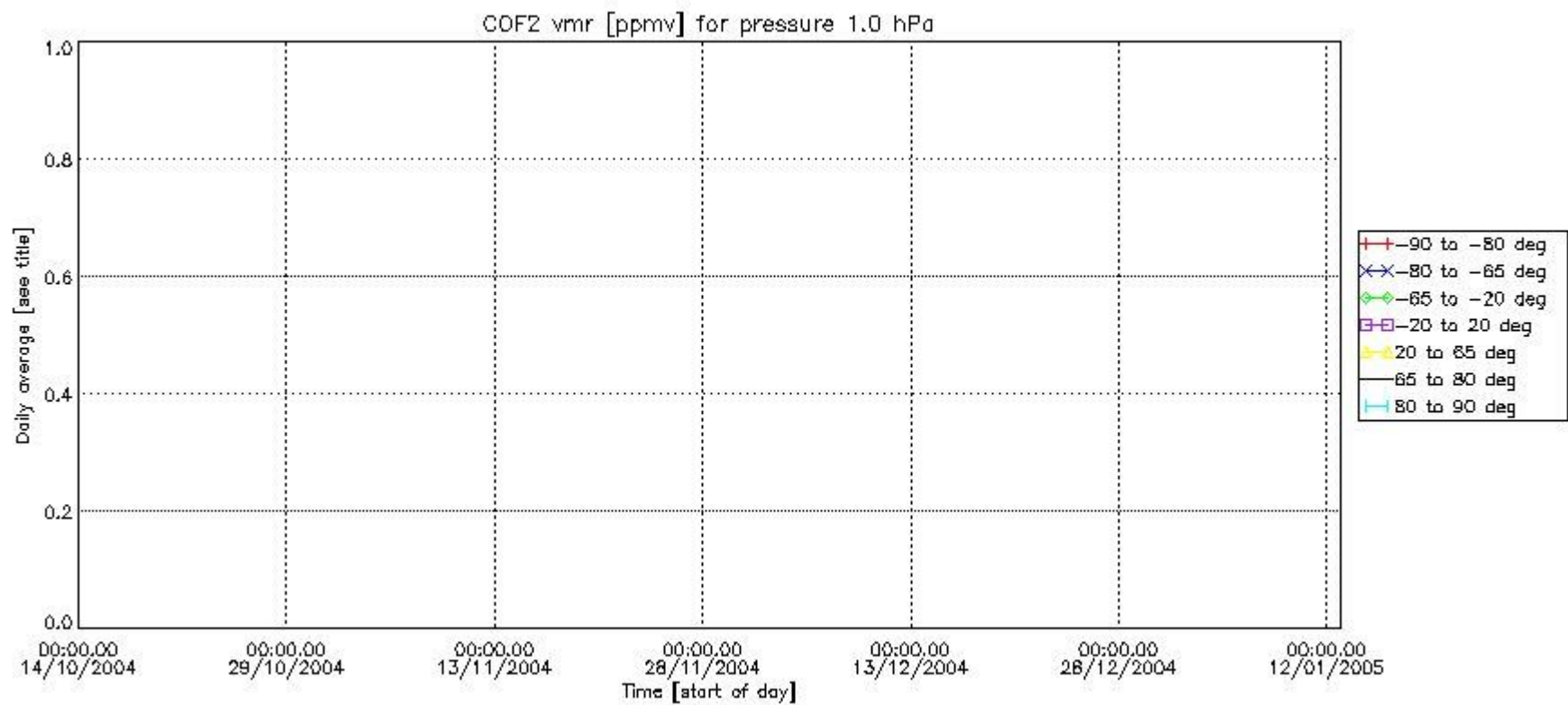


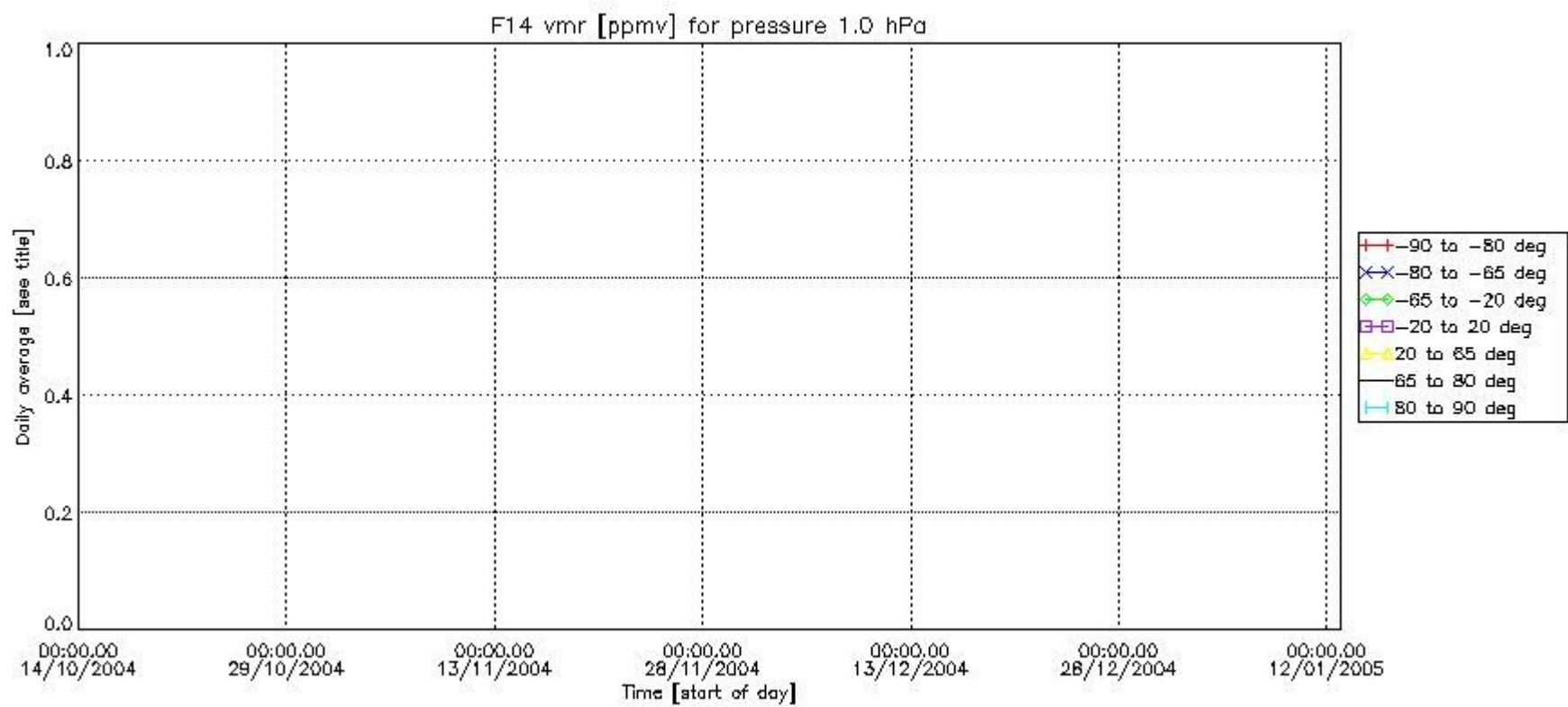
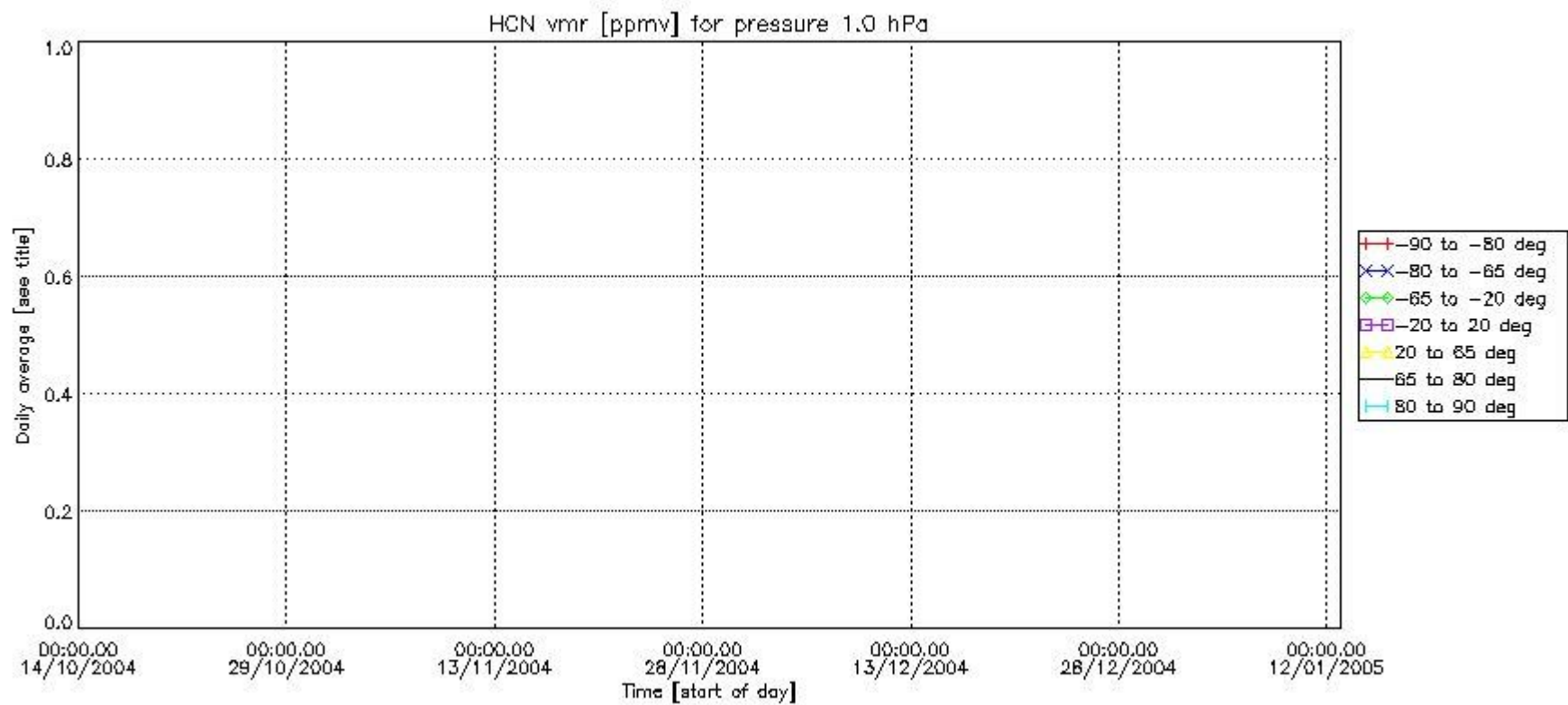


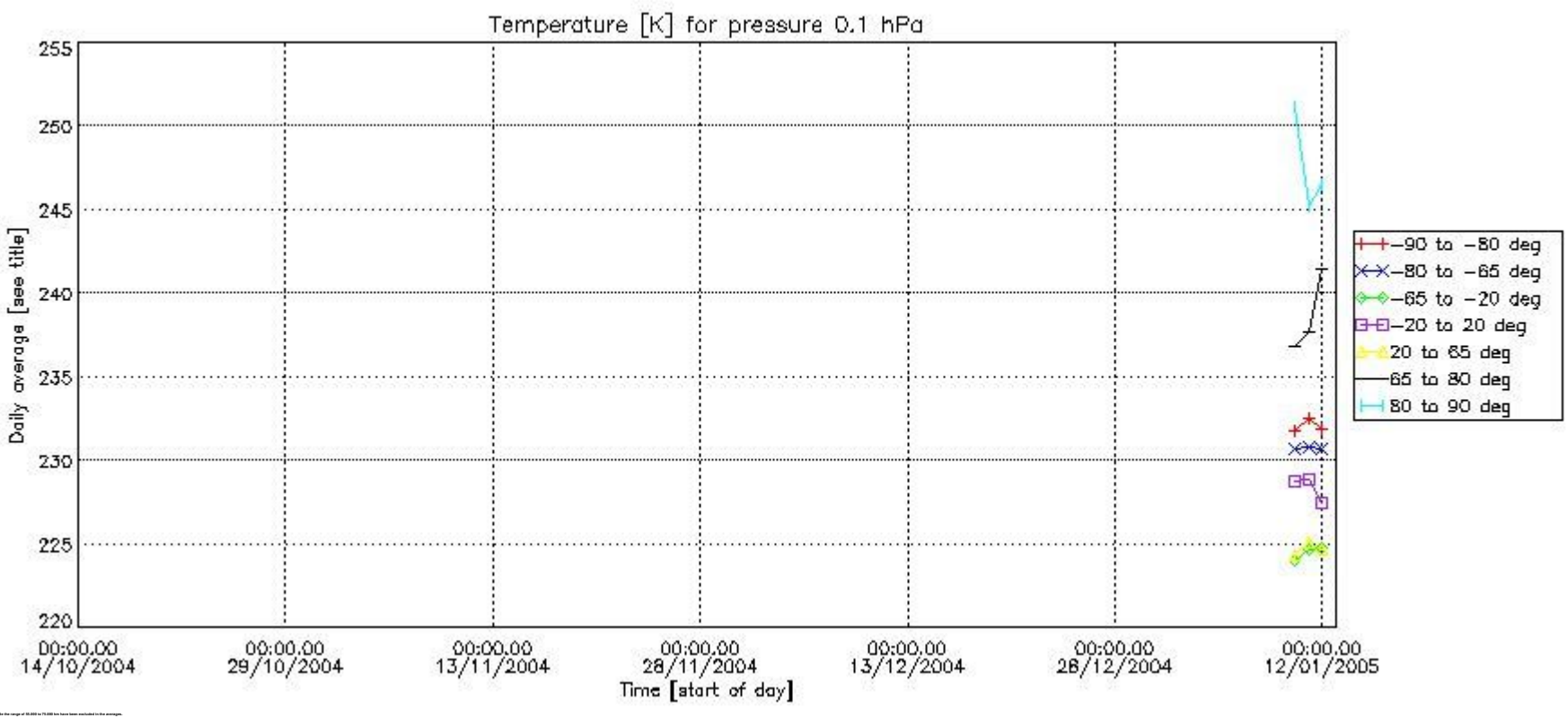
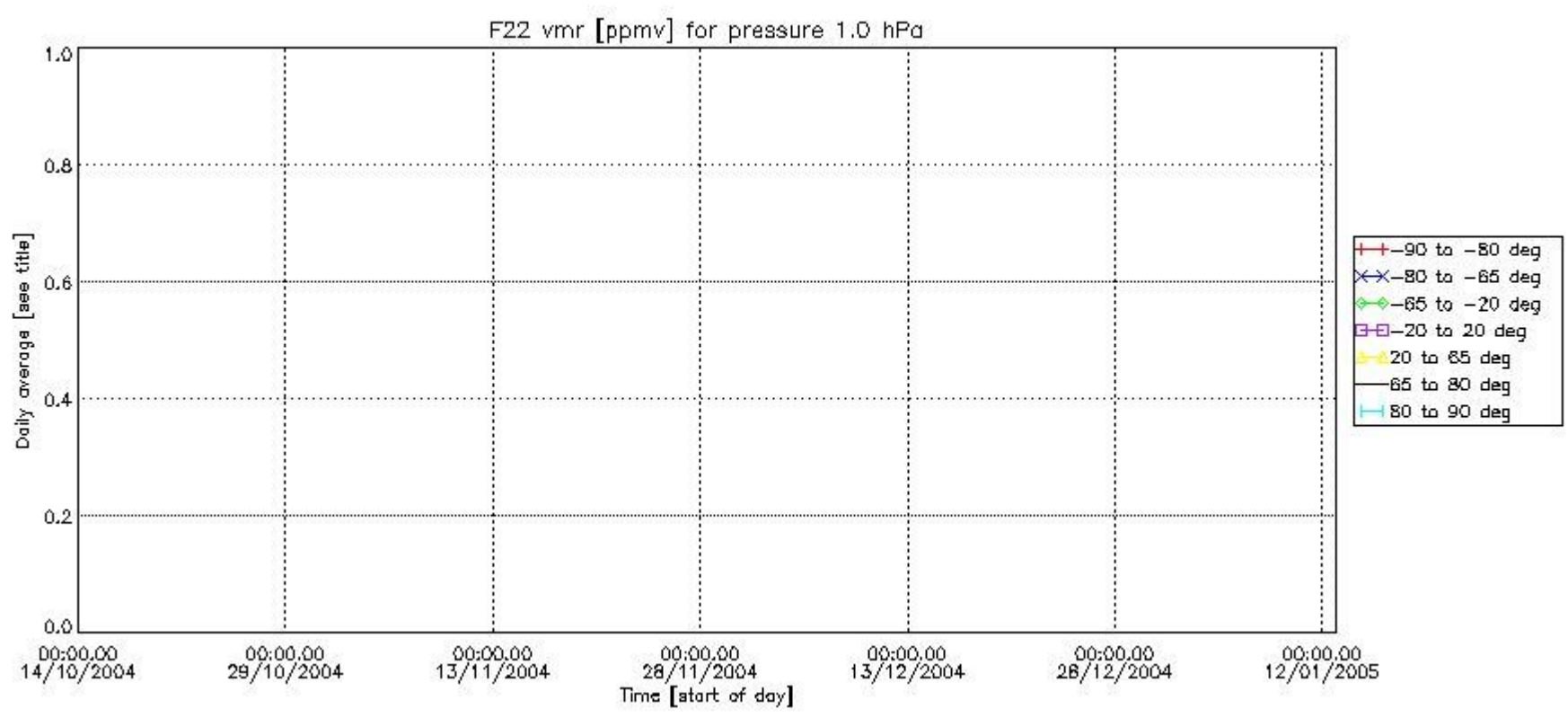


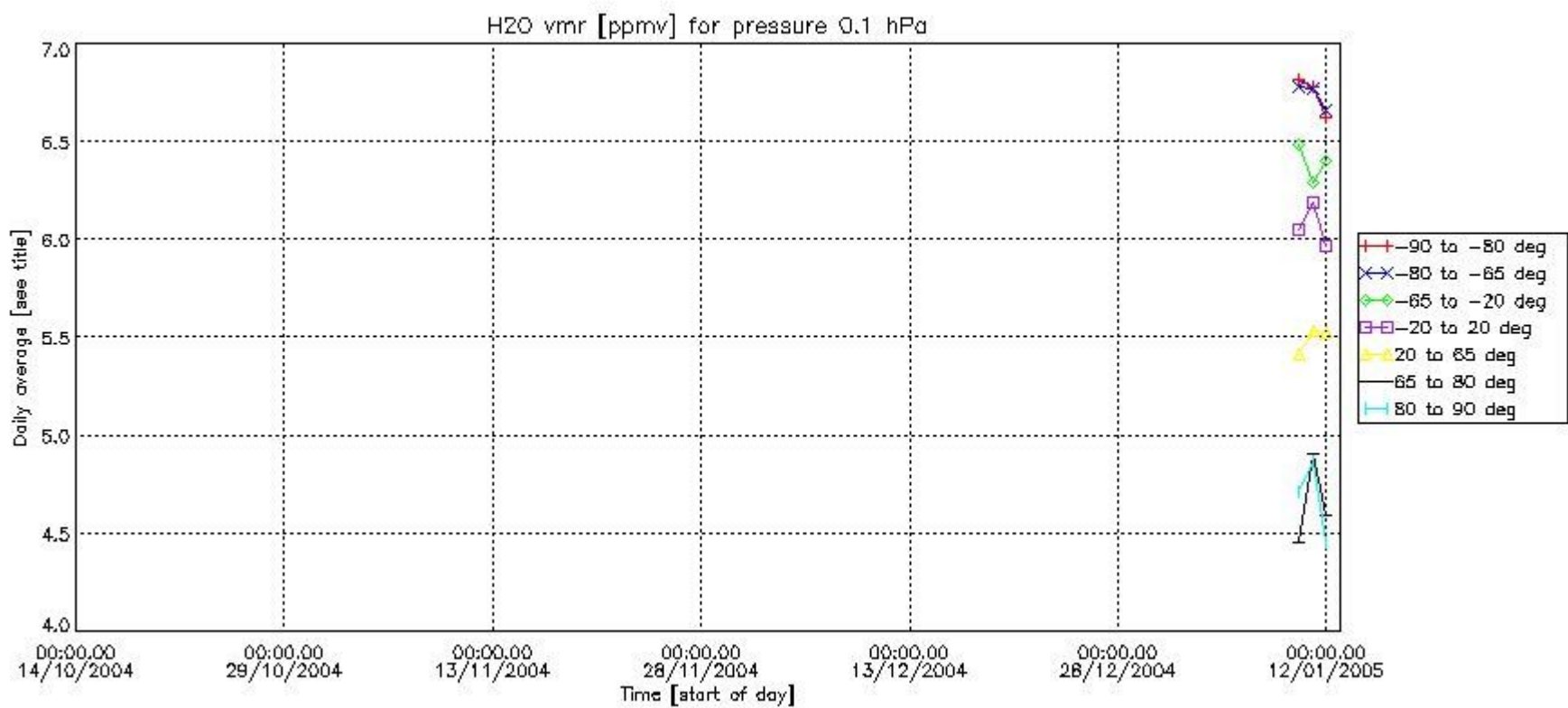
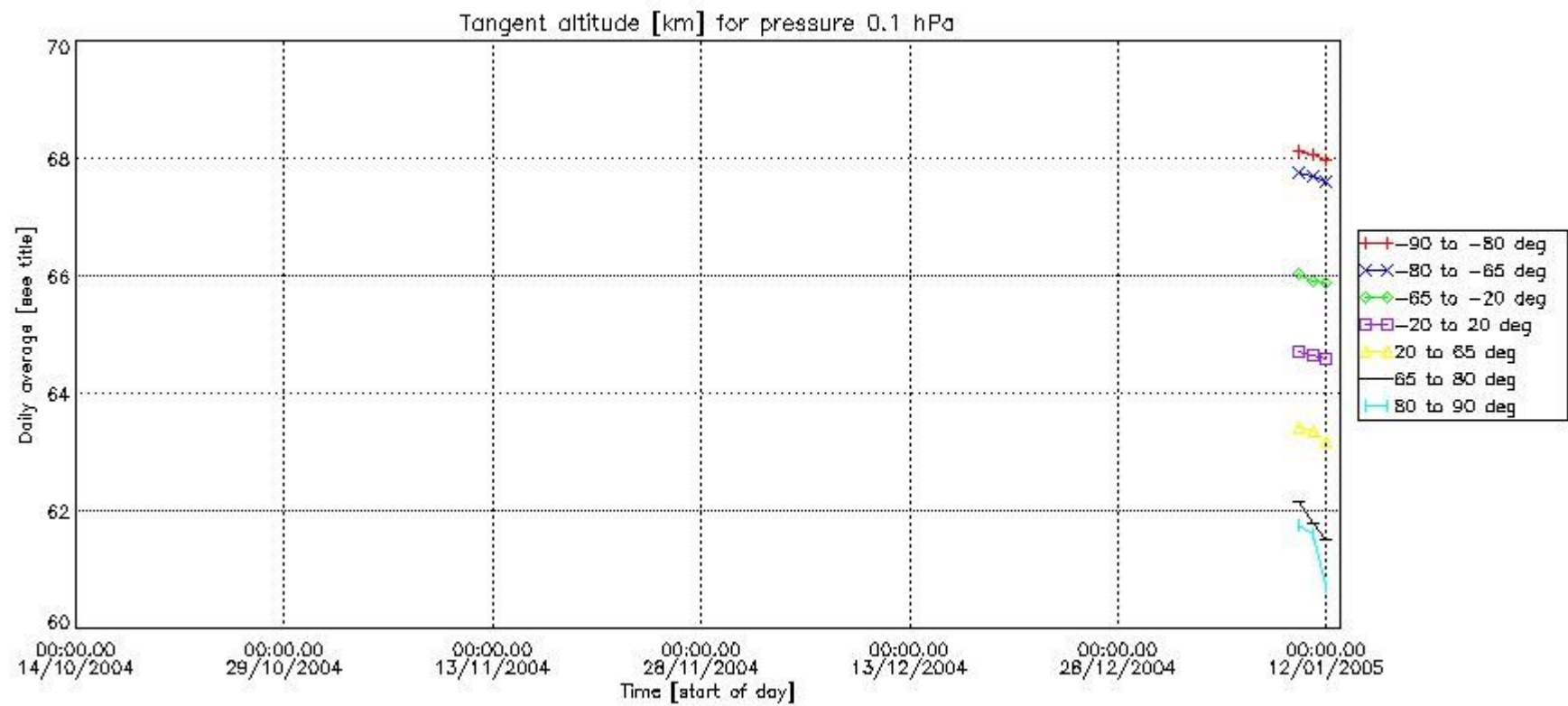


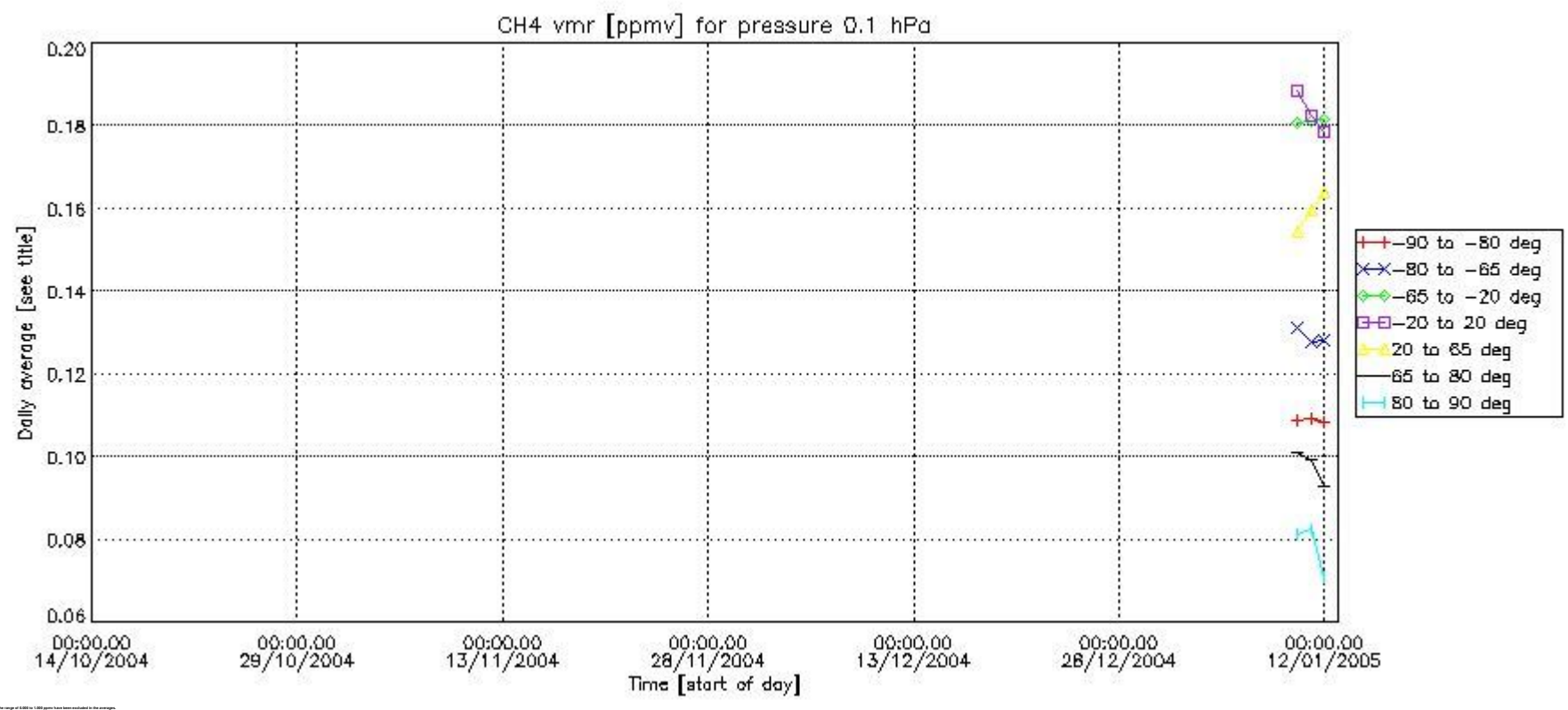
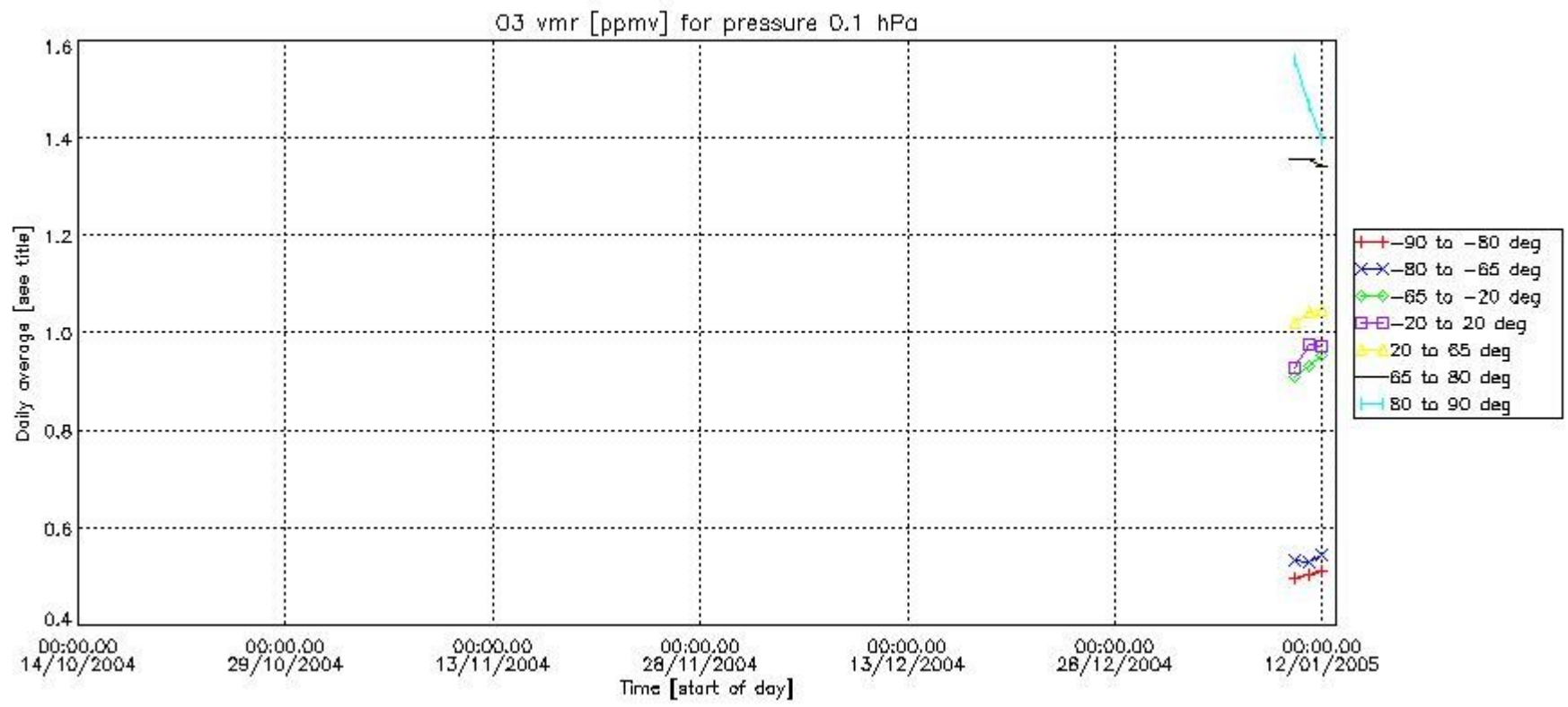


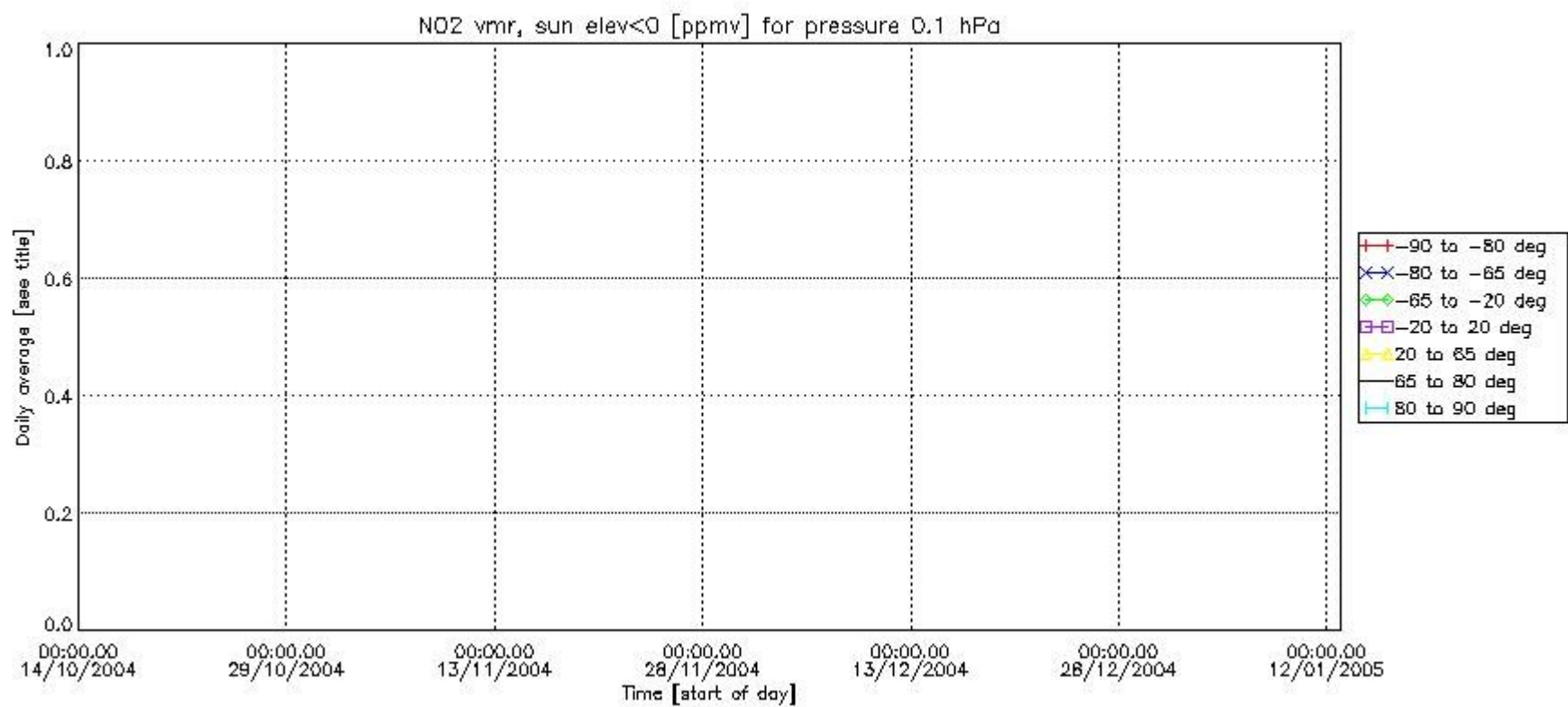
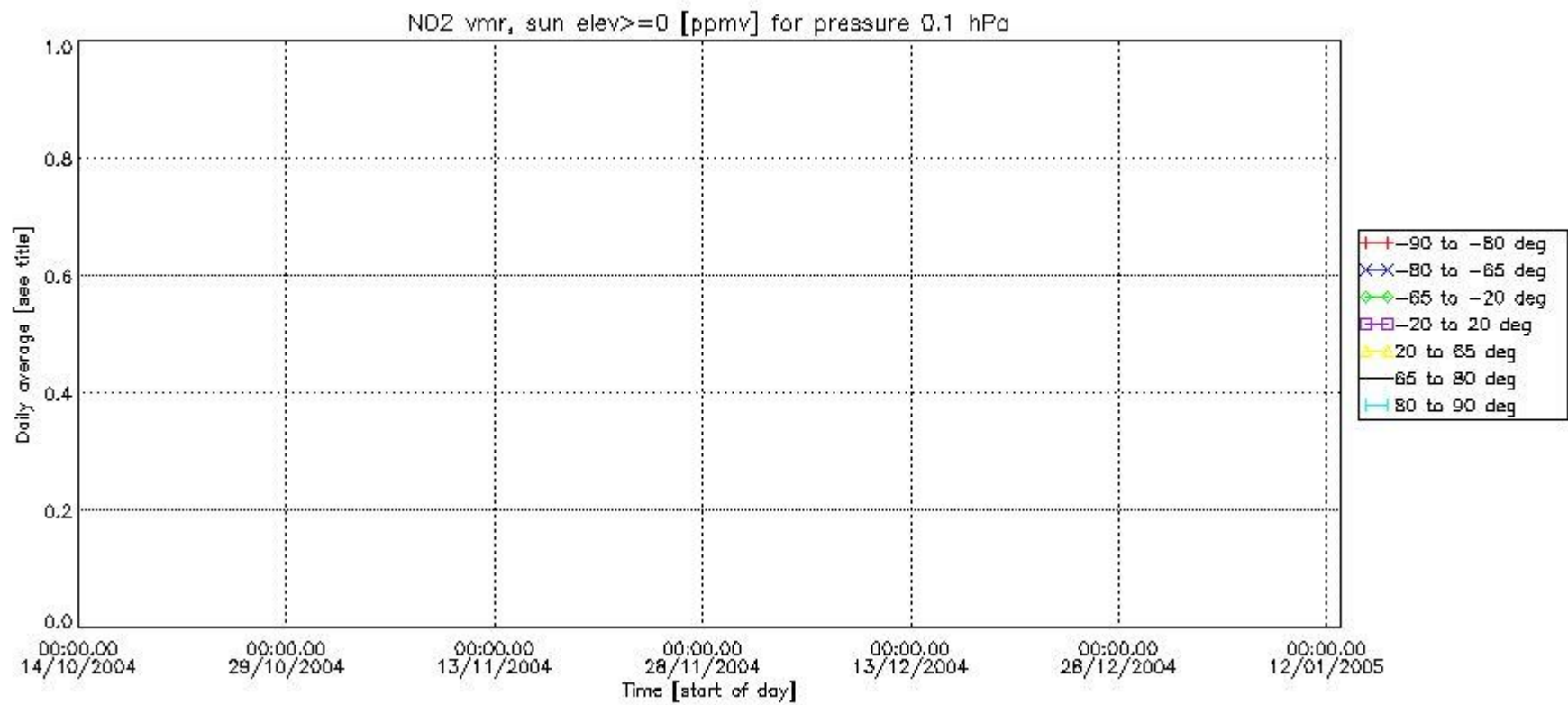


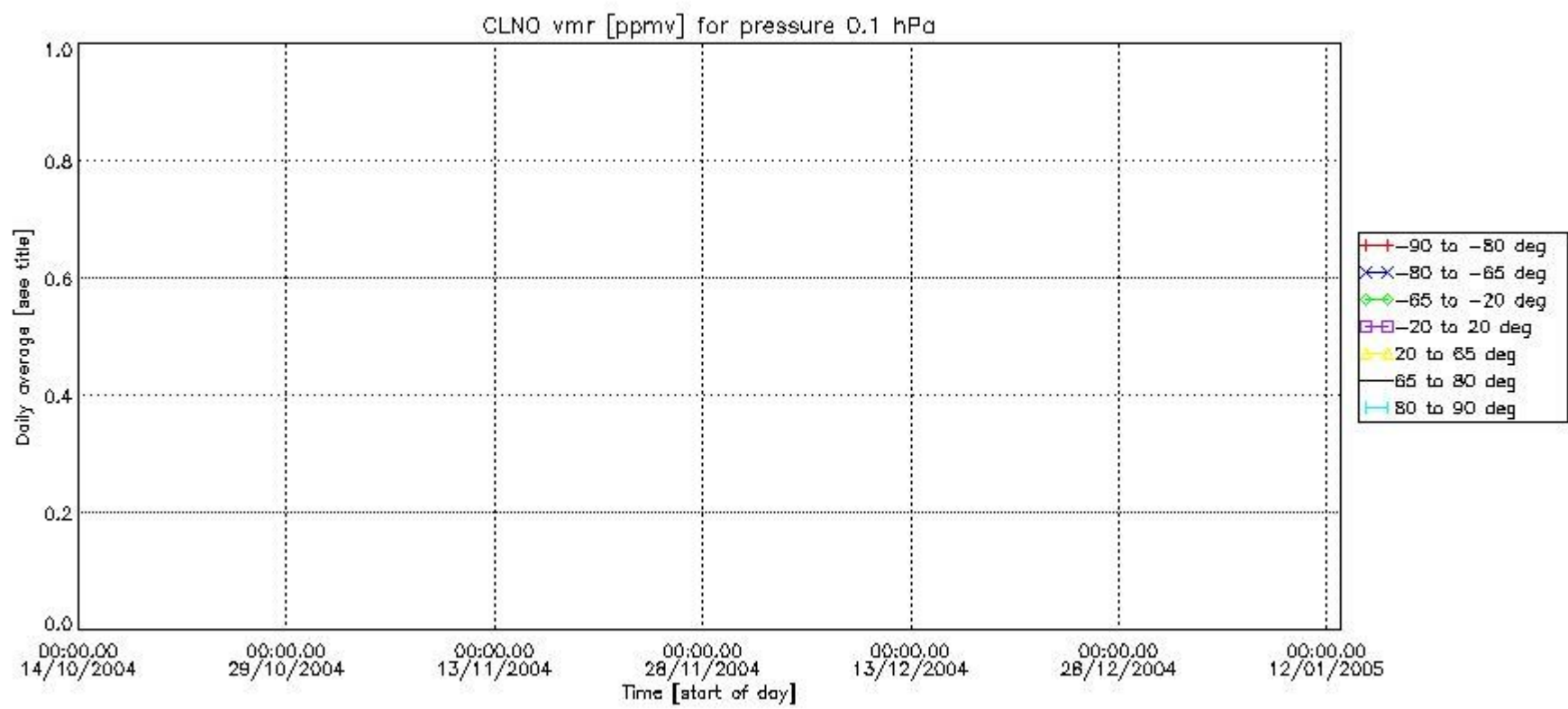
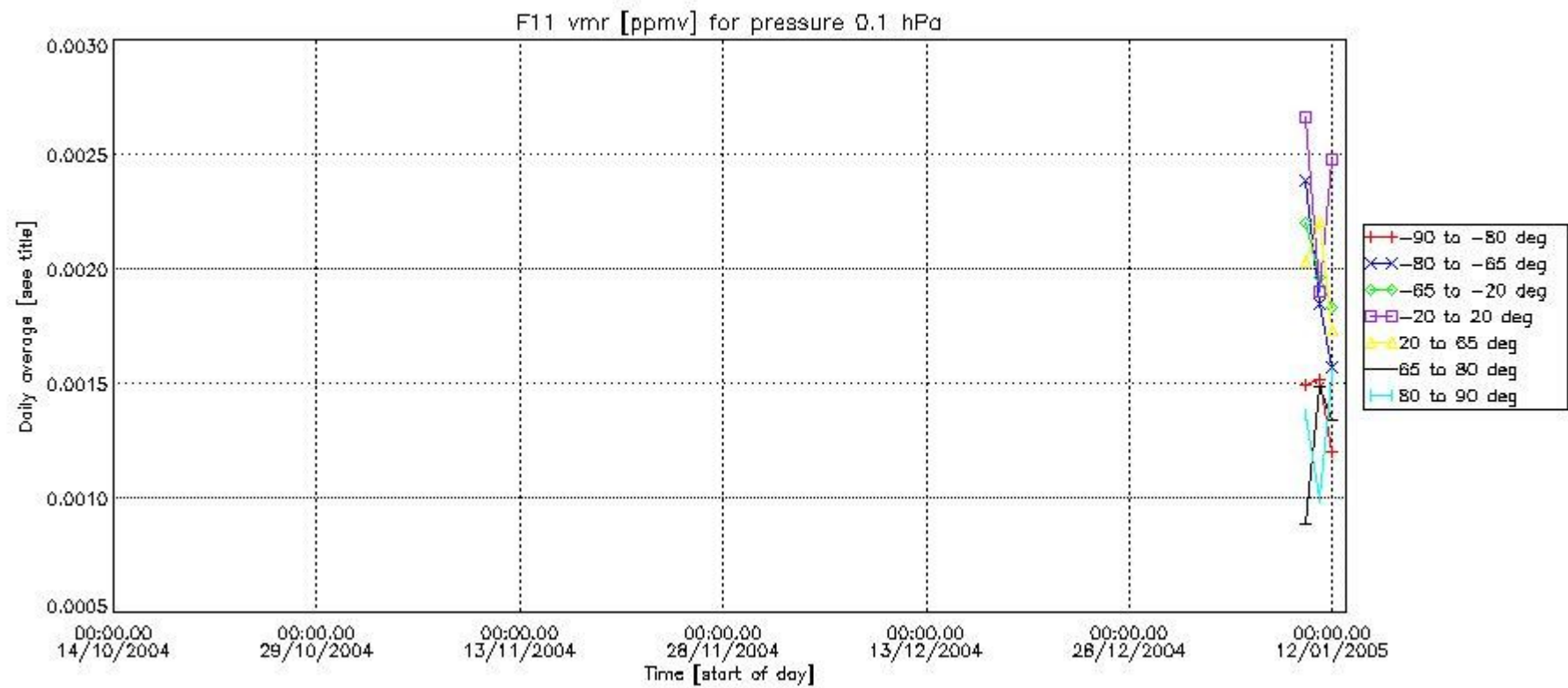


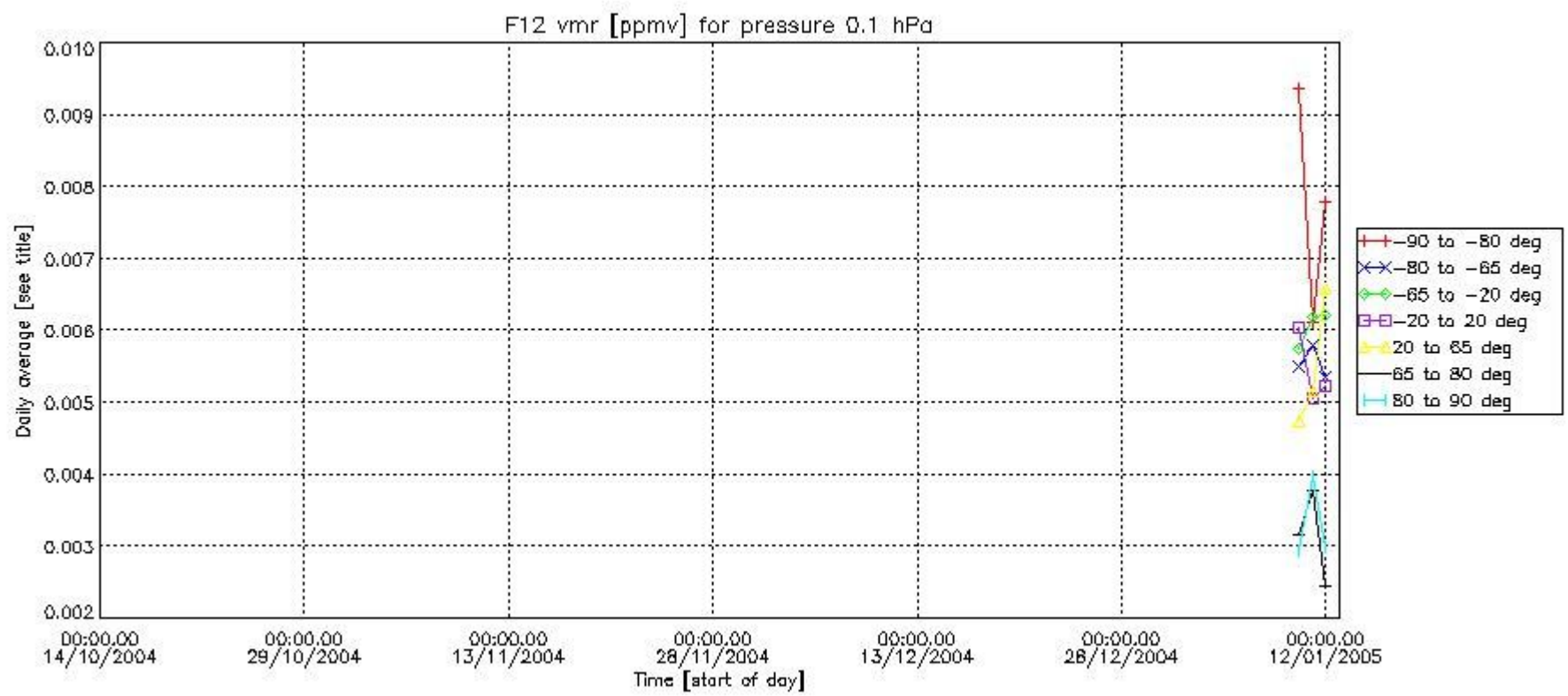
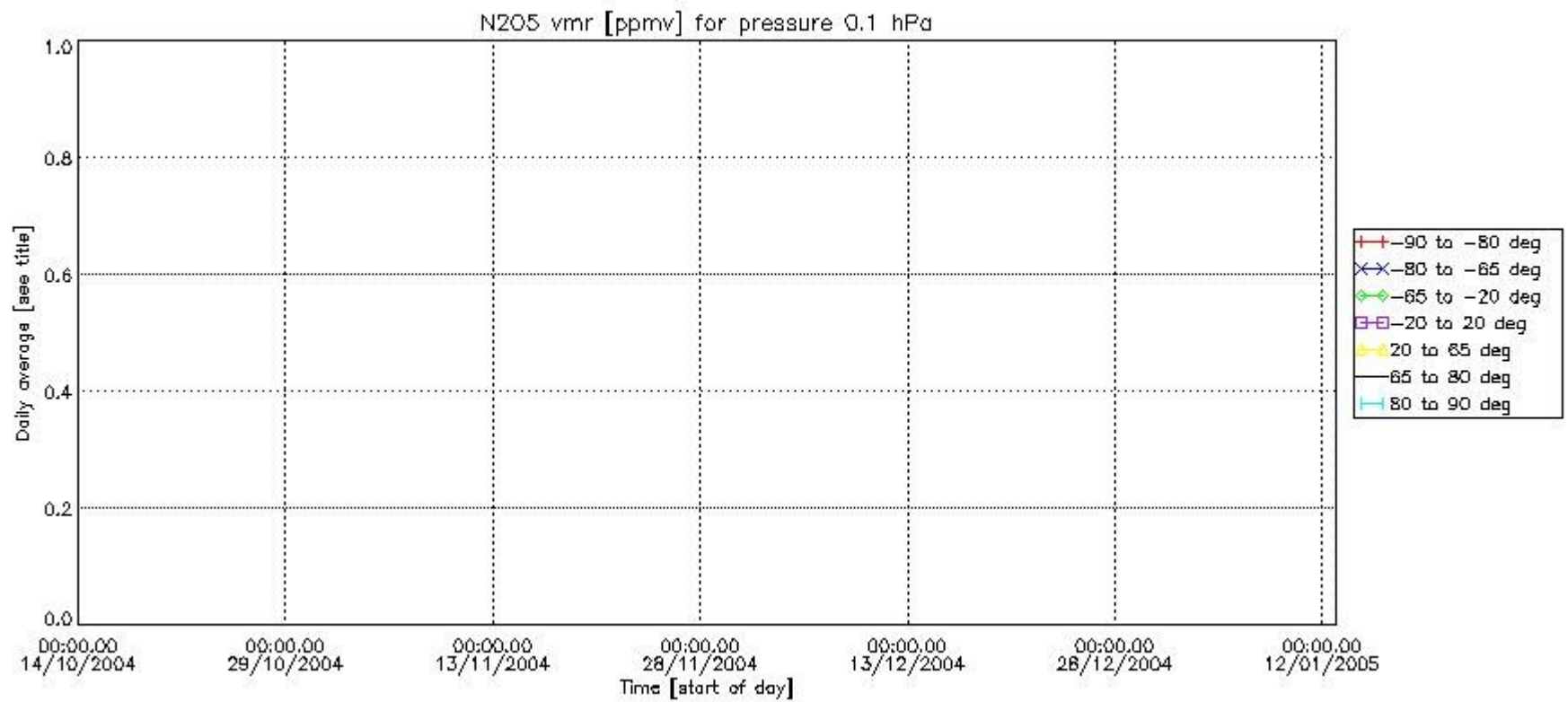


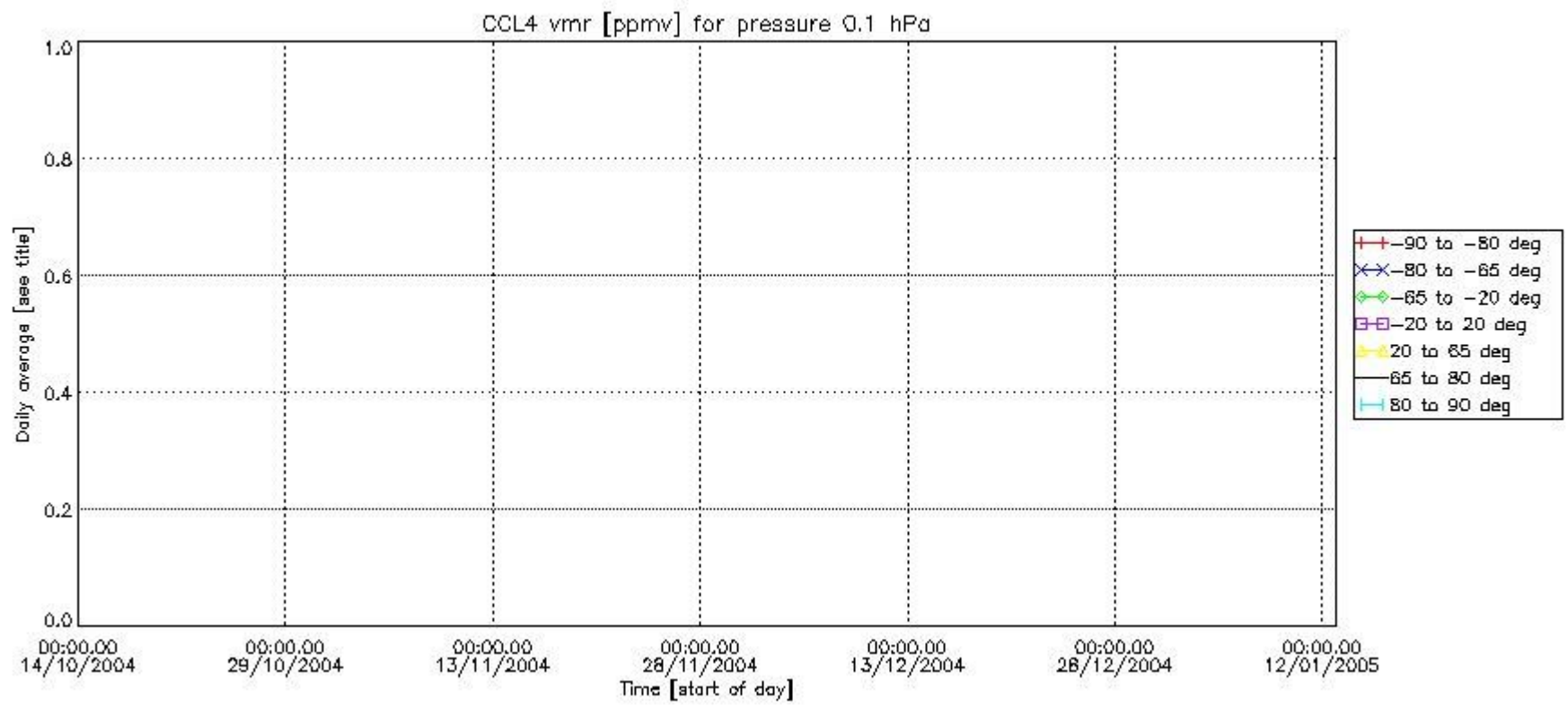
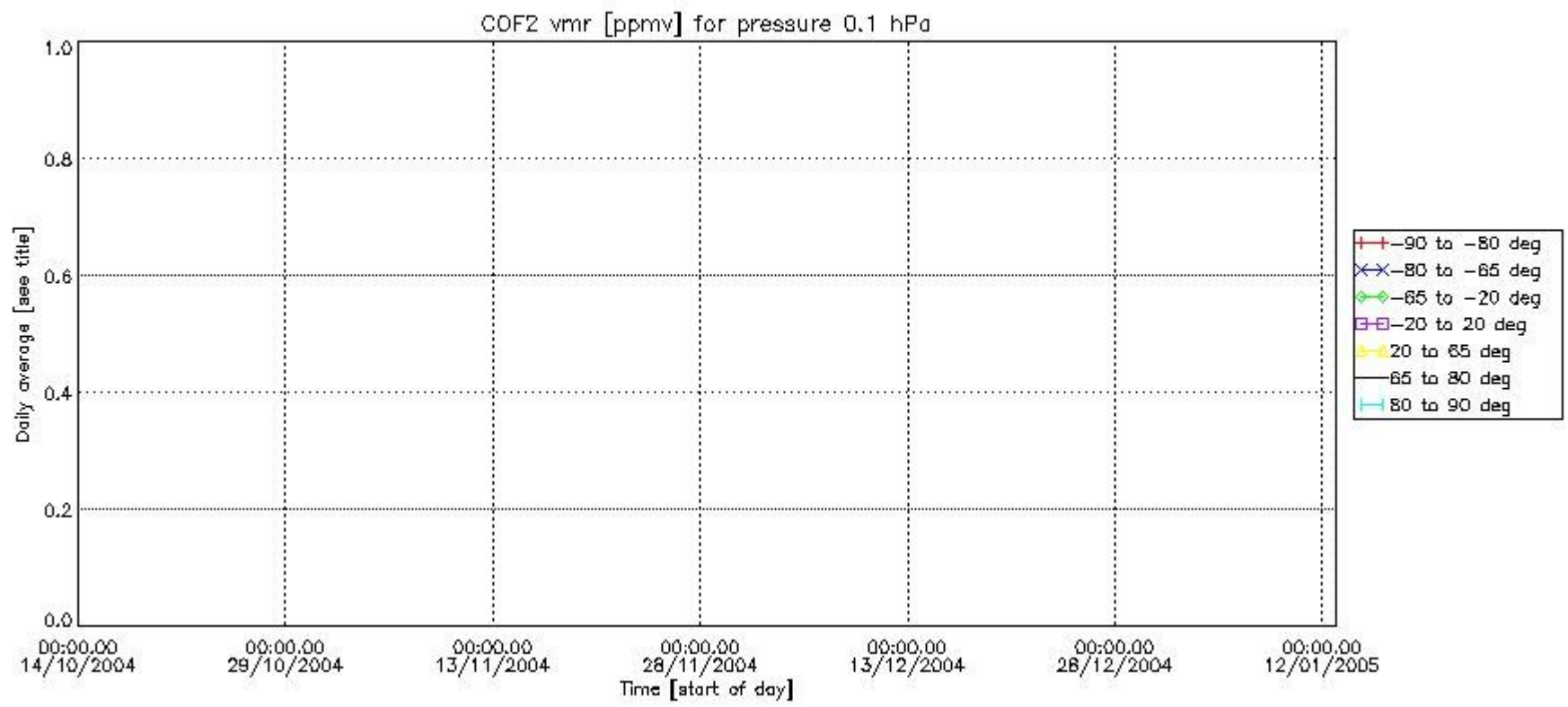


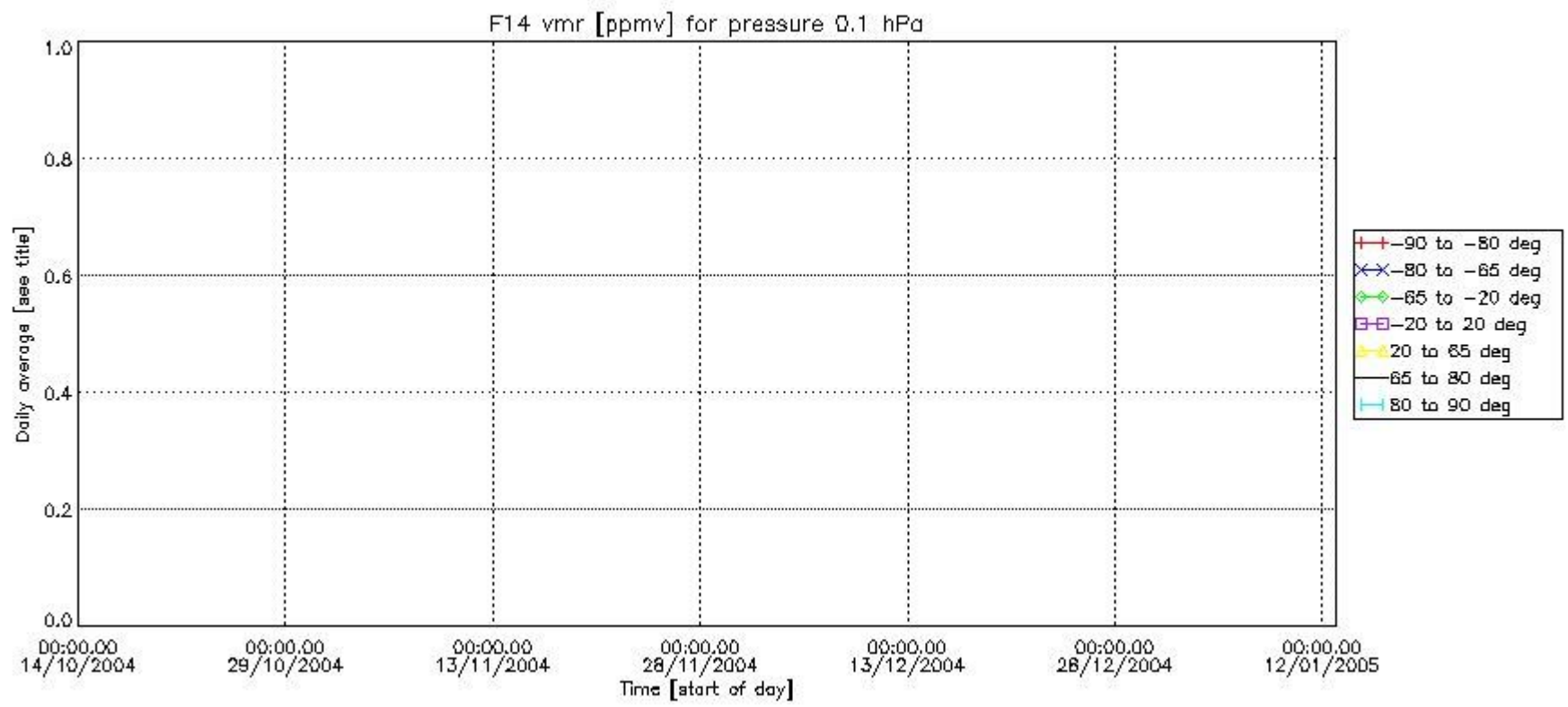
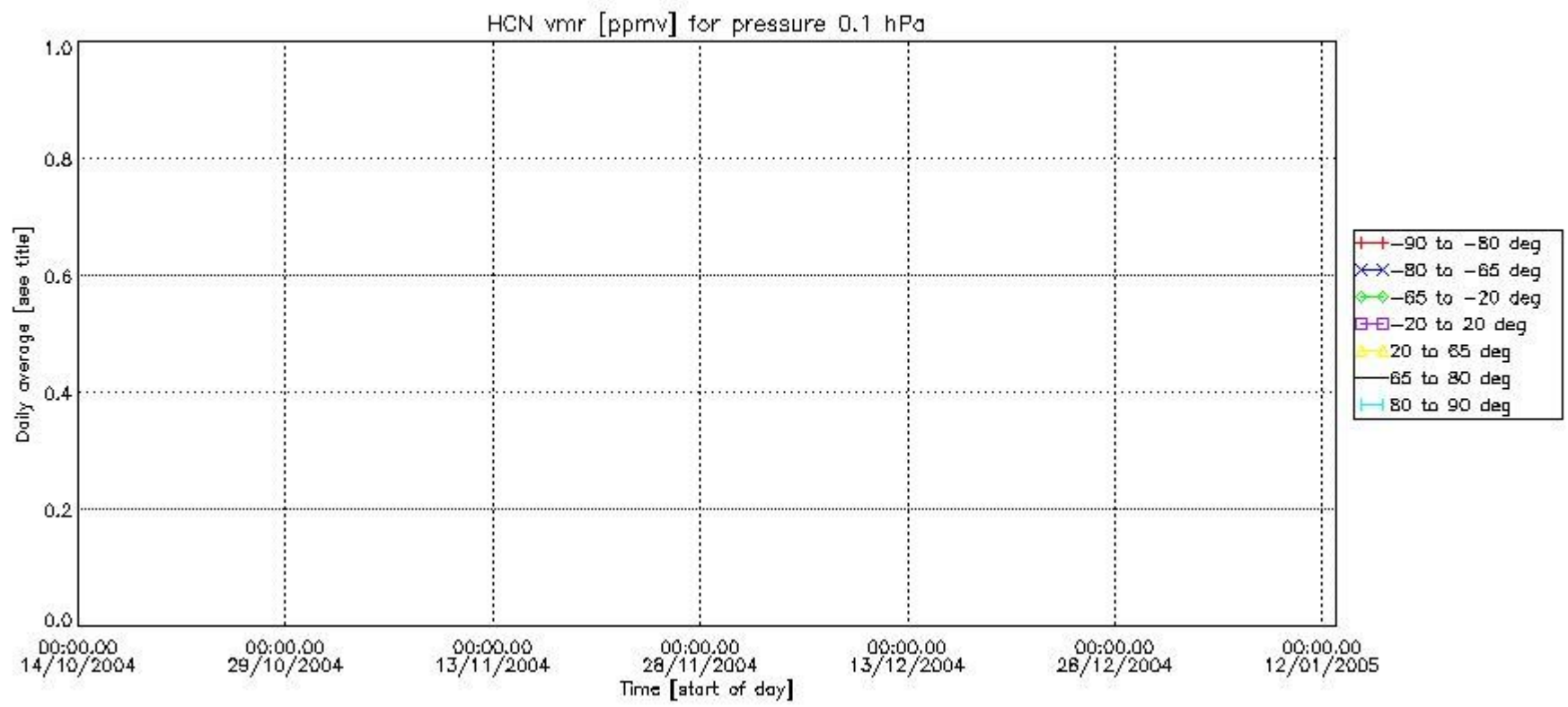


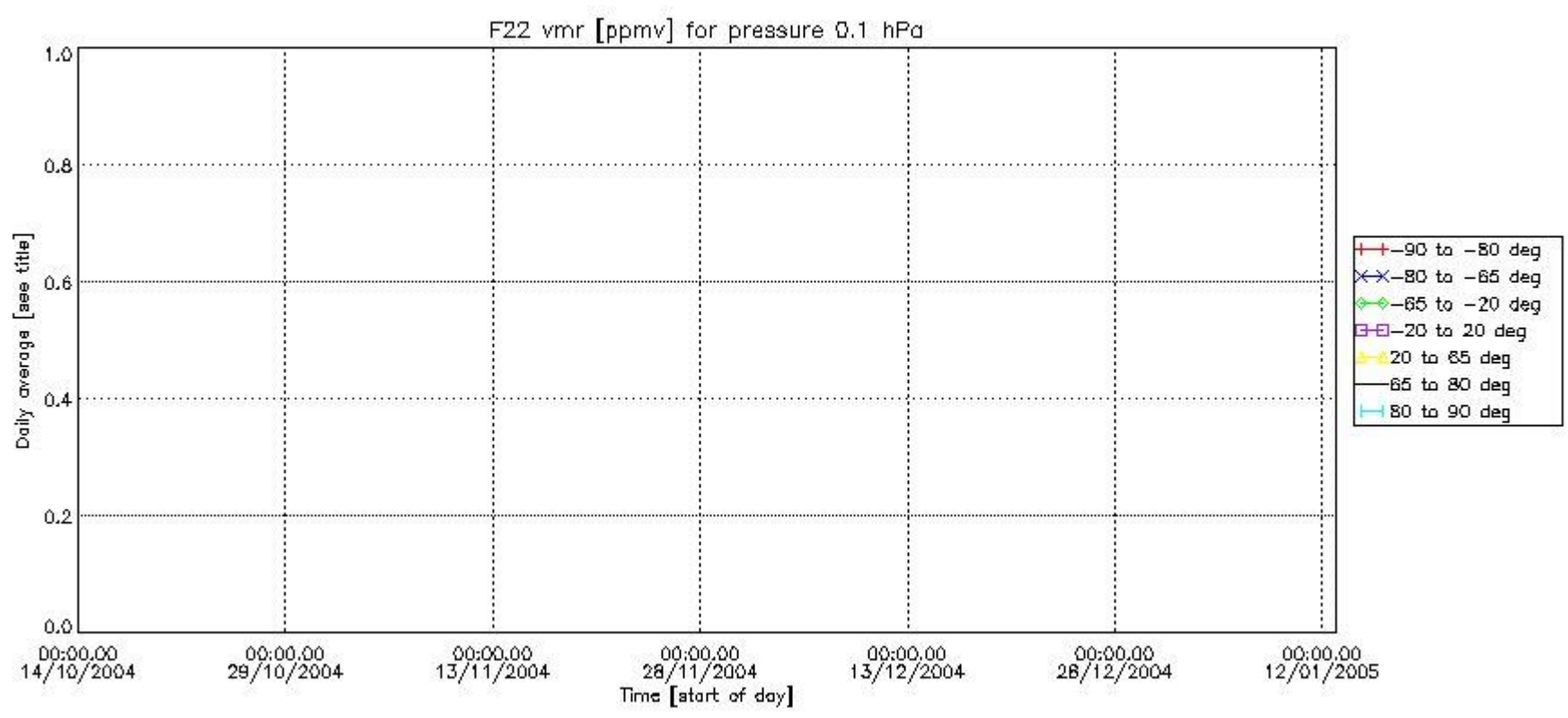












Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

