

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050118.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 08:24:13
Data source version	ML2PP/7.03-W
Processing scope for products	18JAN2005 00:00:00 to 19JAN2005 00:00:00
Start time of first product within scope	17JAN2005 23:40:29
Stop time of last product within scope	19JAN2005 00:49:50
Total number of level 2 products	14
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.

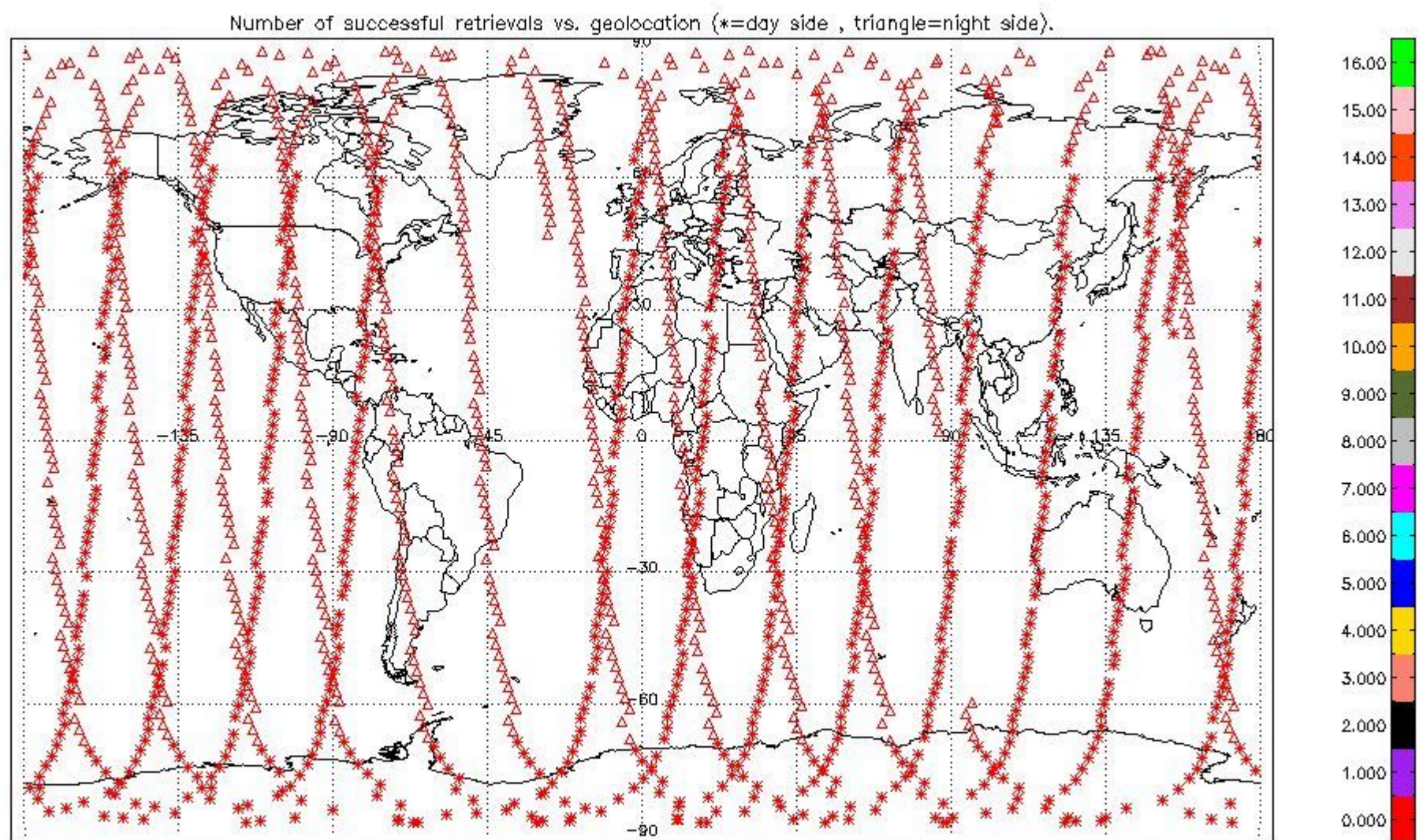
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20050117_234029_000060382034_00002_15086_1000.N1	17JAN2005 23:40:29	18JAN2005 01:21:07	0	139/139	
1	MIP_NL__2PWDSI20050118_012113_000060502034_00003_15087_1000.N1	18JAN2005 01:21:13	18JAN2005 03:02:04	0	140/140	
2	MIP_NL__2PWDSI20050118_030210_000060092034_00004_15088_1000.N1	18JAN2005 03:02:10	18JAN2005 04:42:18	0	139/139	
3	MIP_NL__2PWDSI20050118_044225_000060382034_00005_15089_1000.N1	18JAN2005 04:42:25	18JAN2005 06:23:03	0	139/139	
4	MIP_NL__2PWDSI20050118_062309_000060092034_00006_15090_1000.N1	18JAN2005 06:23:09	18JAN2005 08:03:17	0	139/139	
5	MIP_NL__2PWDSI20050118_080324_000060502034_00007_15091_1000.N1	18JAN2005 08:03:24	18JAN2005 09:44:14	0	140/140	
6	MIP_NL__2PWDSI20050118_094420_000060382034_00008_15092_1000.N1	18JAN2005 09:44:20	18JAN2005 11:24:58	0	139/139	
7	MIP_NL__2PWDSI20050118_112504_000017242034_00009_15093_1000.N1	18JAN2005 11:25:04	18JAN2005 11:53:48	0	40/40	
8	MIP_NL__2PWDSI20050118_151251_000043672034_00011_15095_1000.N1	18JAN2005 15:12:51	18JAN2005 16:25:38	0	91/91	
9	MIP_NL__2PWDSI20050118_163347_000056032034_00012_15096_1000.N1	18JAN2005 16:33:47	18JAN2005 18:07:10	0	130/130	
10	MIP_NL__2PWDSI20050118_180717_000060382034_00013_15097_1000.N1	18JAN2005 18:07:17	18JAN2005 19:47:55	0	139/139	
11	MIP_NL__2PWDSI20050118_194801_000060082034_00014_15098_1000.N1	18JAN2005 19:48:01	18JAN2005 21:28:09	0	139/139	
12	MIP_NL__2PWDSI20050118_212816_000060502034_00015_15099_1000.N1	18JAN2005 21:28:16	18JAN2005 23:09:06	0	140/140	
13	MIP_NL__2PWDSI20050118_230912_000060382034_00016_15100_1000.N1	18JAN2005 23:09:12	19JAN2005 00:49:50	0	139/139	

2.2 Processing performance indicators

2.2.1 Successful retrievals

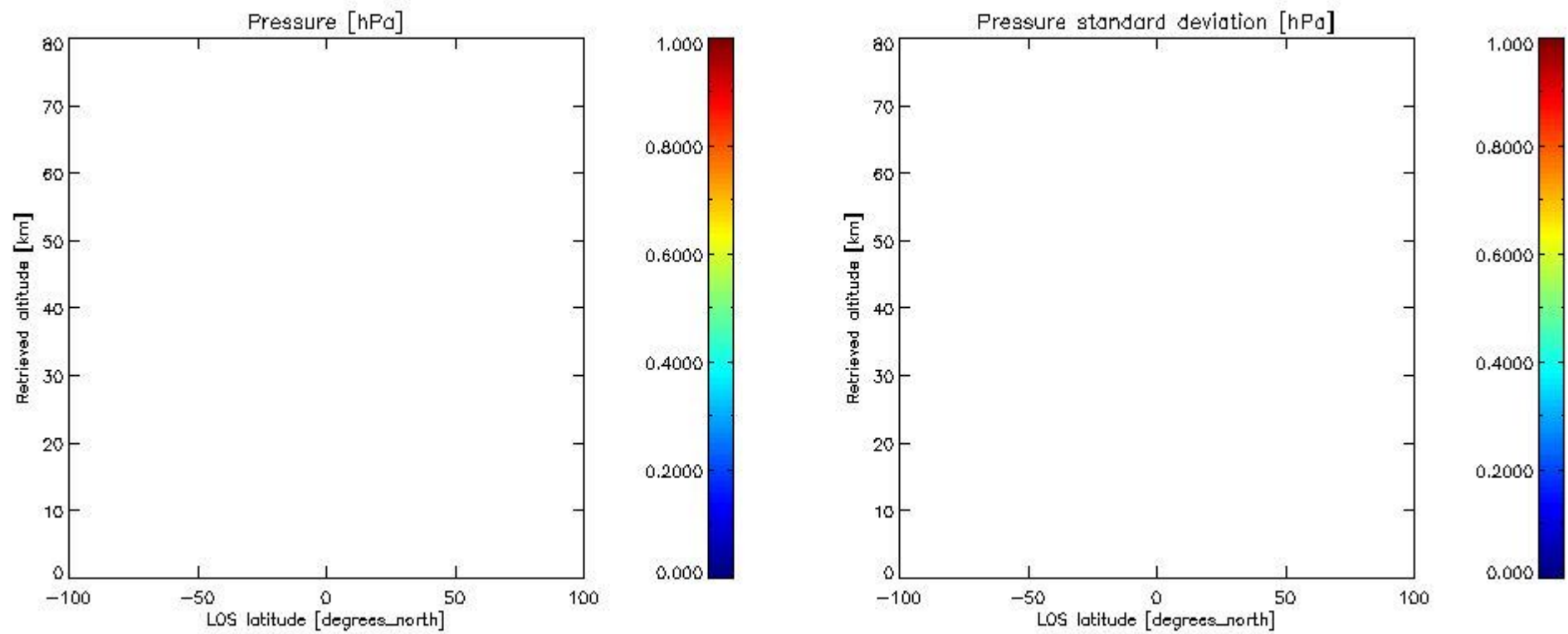
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1793	0	0.0000
H2O	1793	0	0.0000
O3	1793	0	0.0000
HNO3	1793	0	0.0000
CH4	1793	0	0.0000
N2O	1793	0	0.0000
NO2	1793	0	0.0000
F11	1793	0	0.0000
CLNO	1793	0	0.0000
N2O5	1793	0	0.0000
F12	1793	0	0.0000
COF2	1793	0	0.0000
CCL4	1793	0	0.0000
HCN	1793	0	0.0000
F14	1793	0	0.0000
F22	1793	0	0.0000



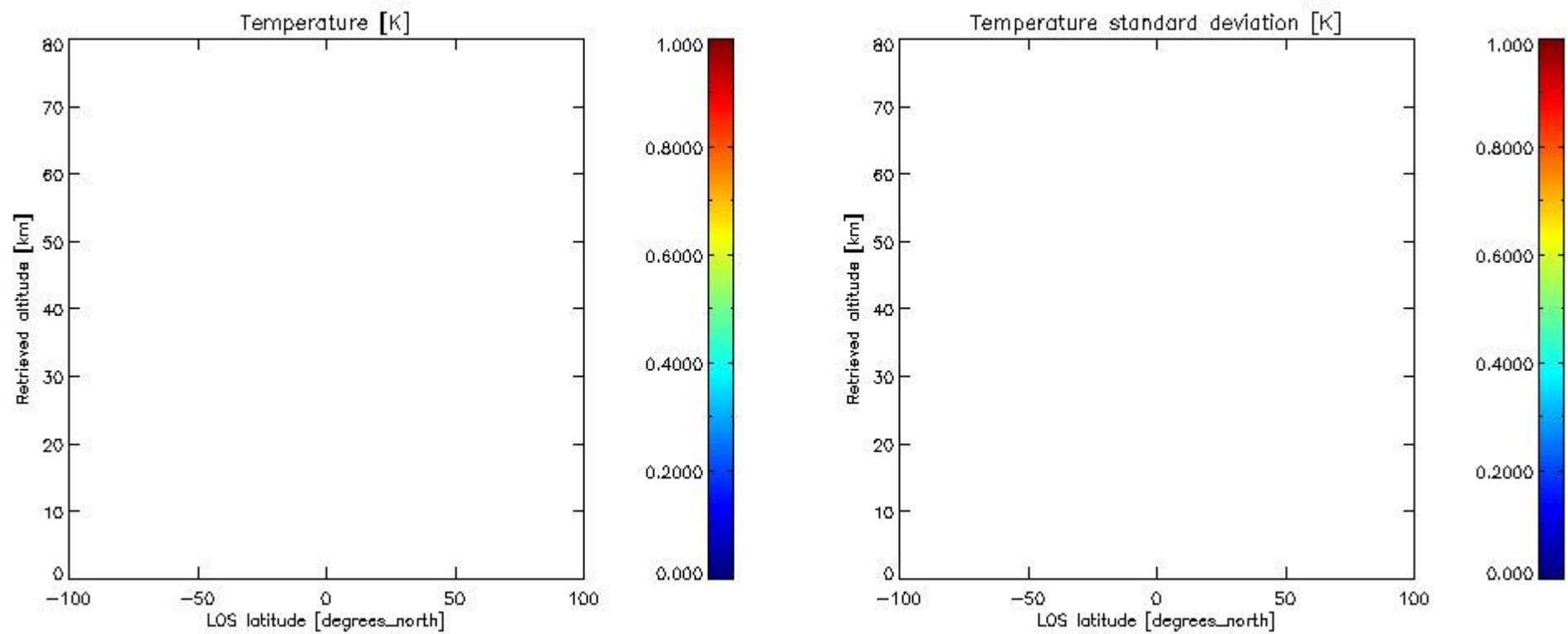
2.2.2 Pressure overview

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



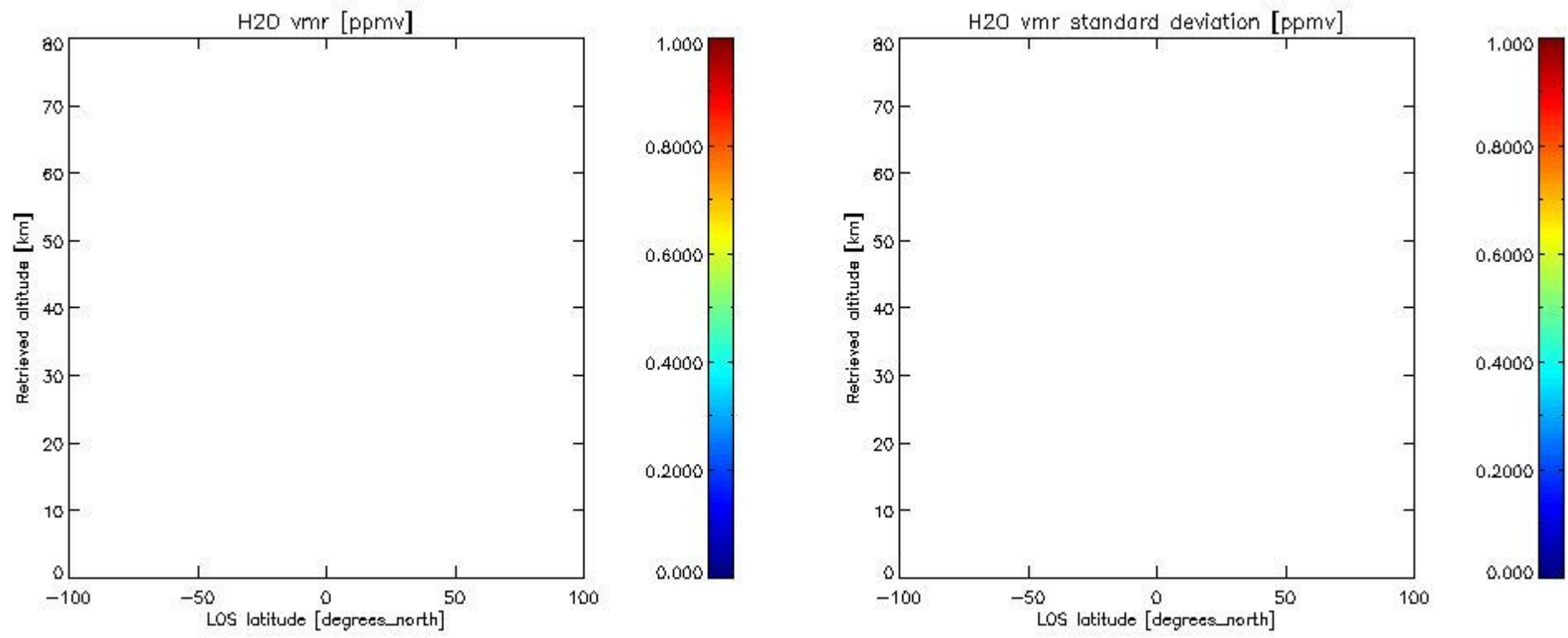
2.2.3 Temperature overview

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

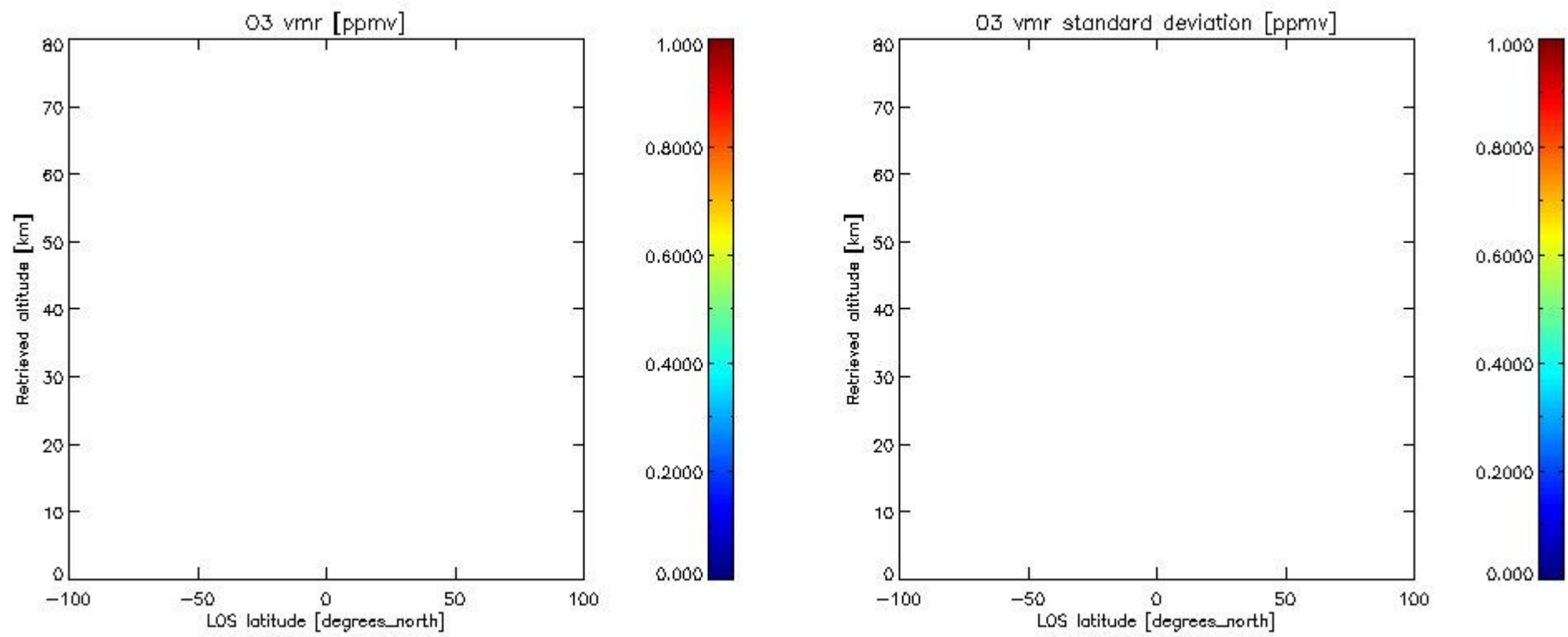


2.2.4 Species overview

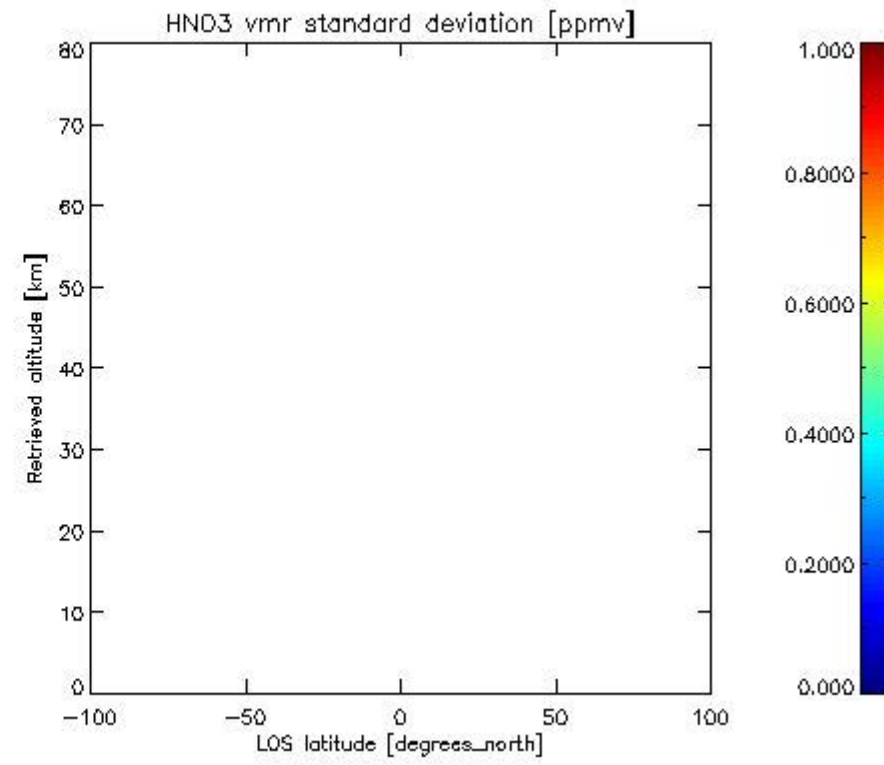
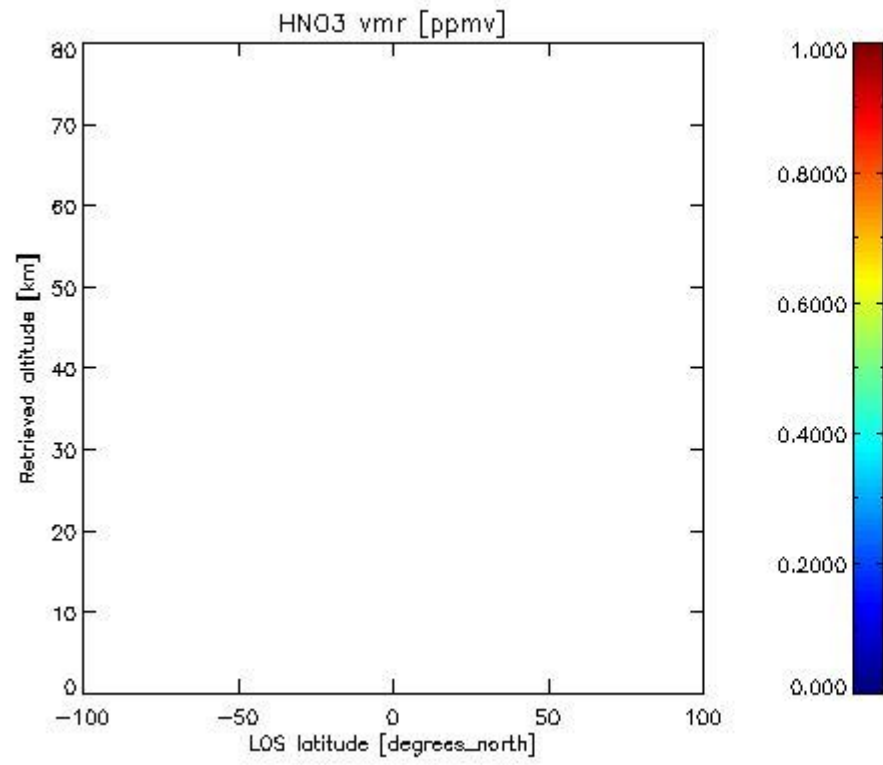
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



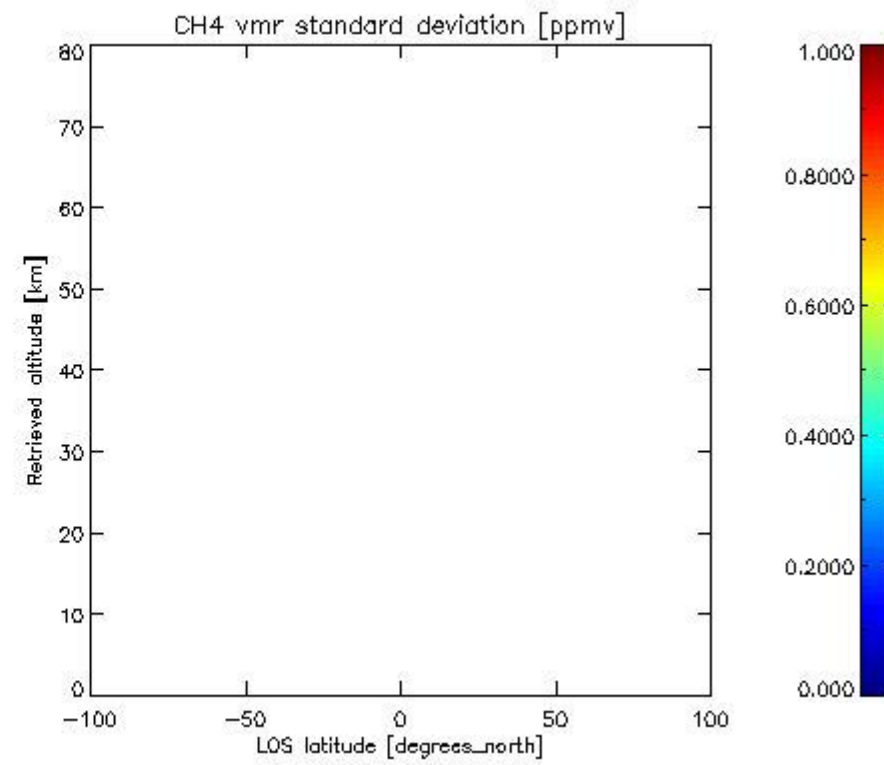
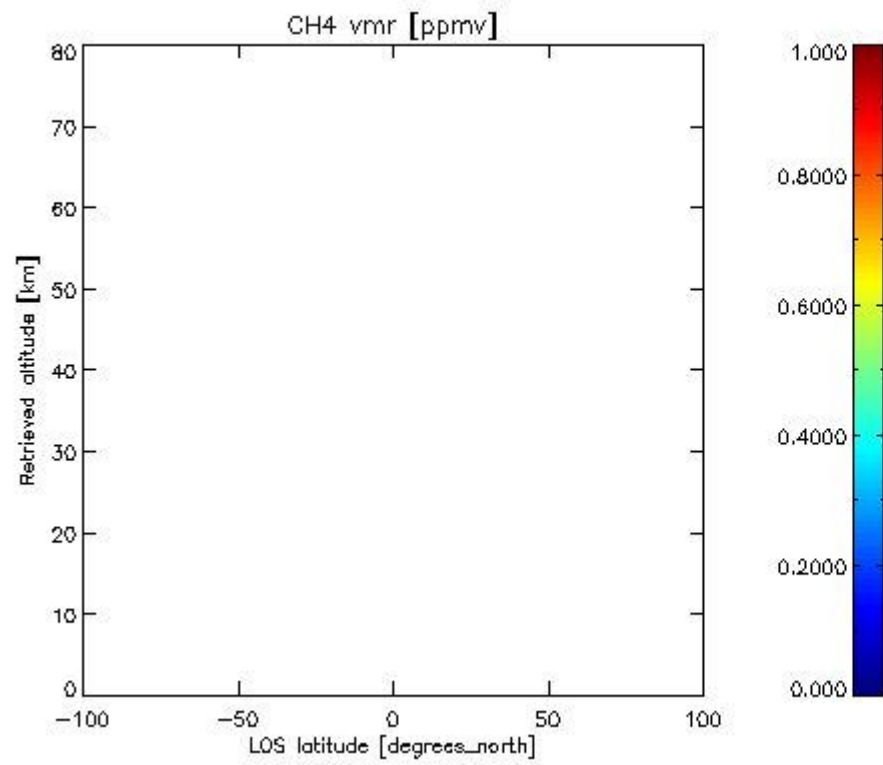
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



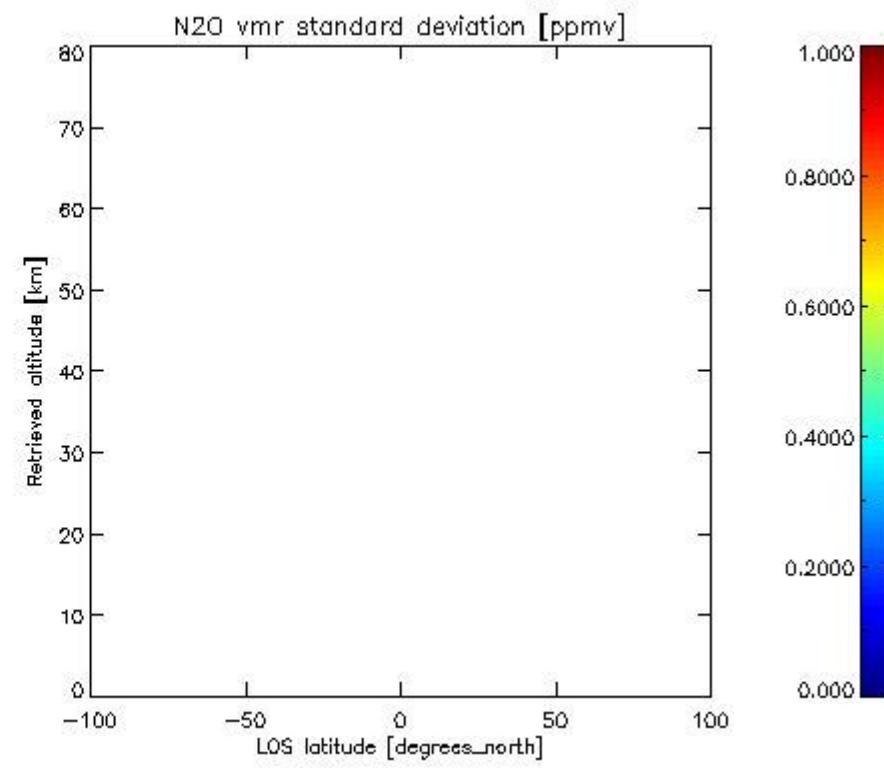
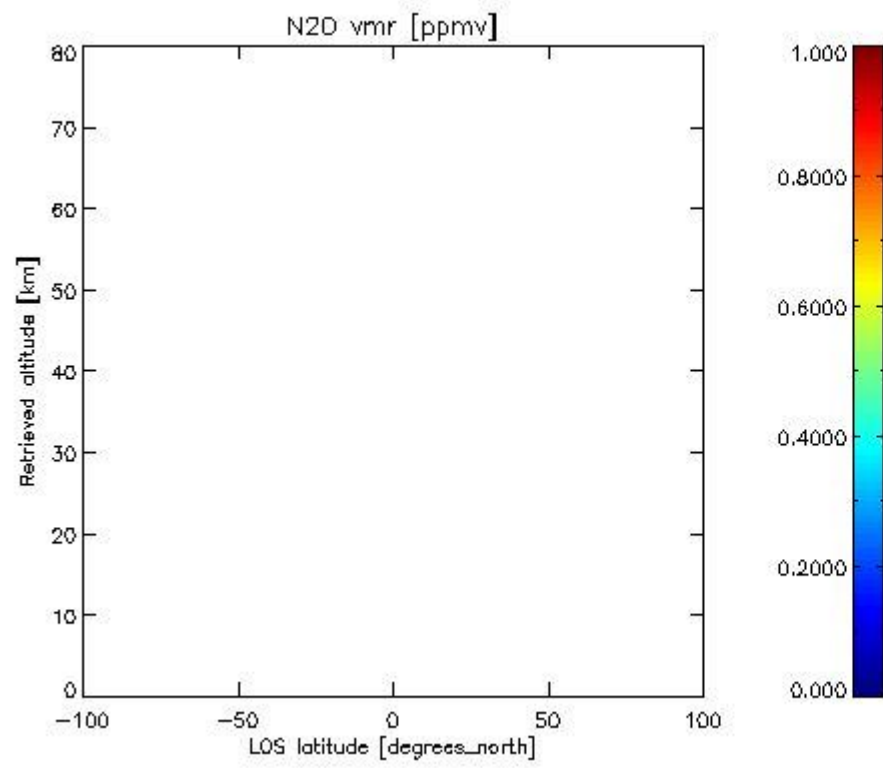
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



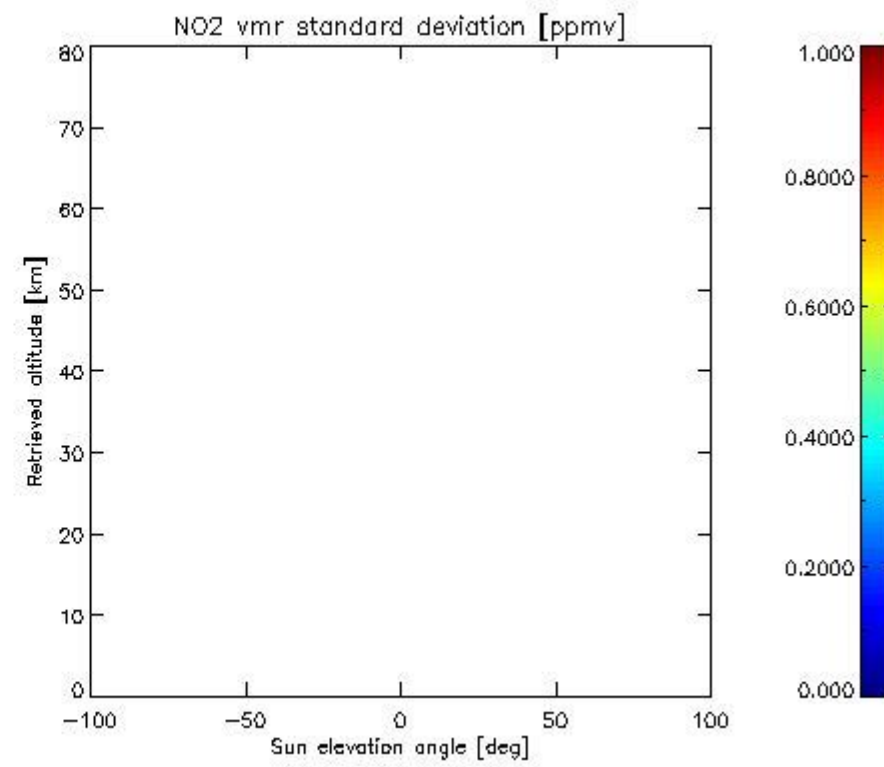
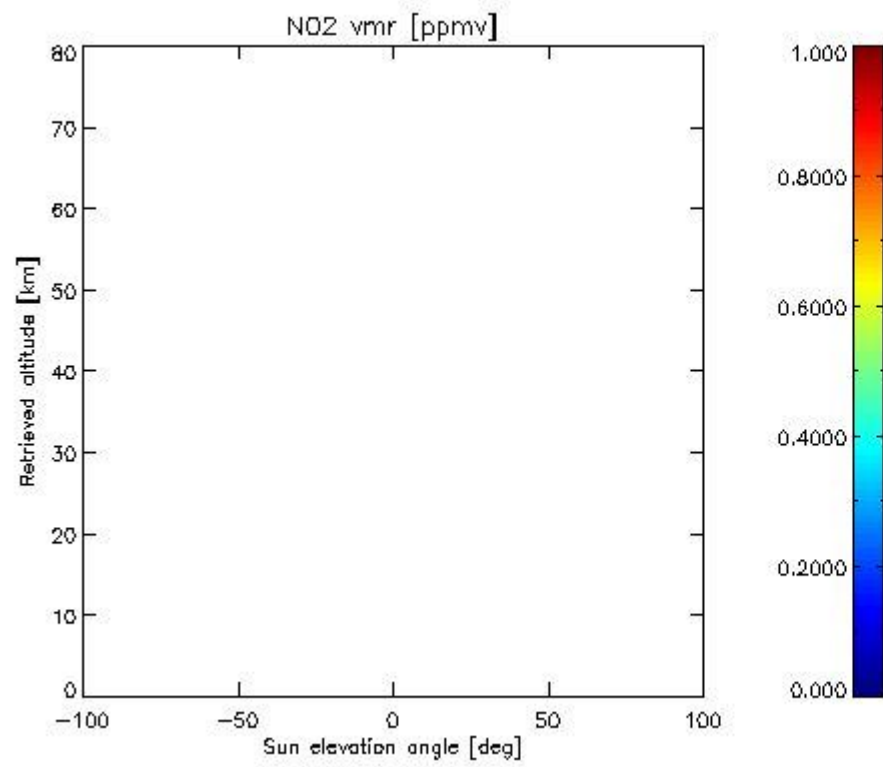
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



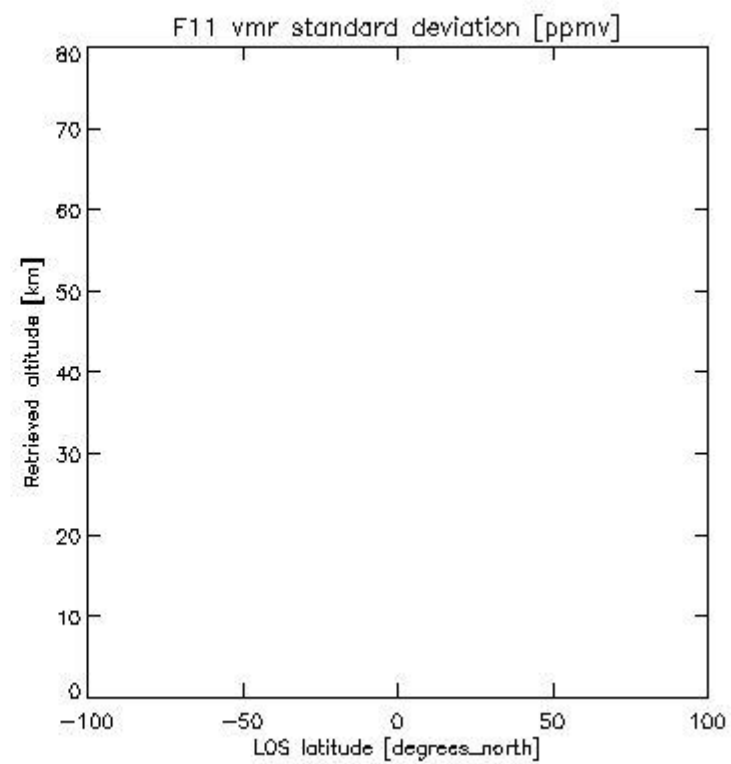
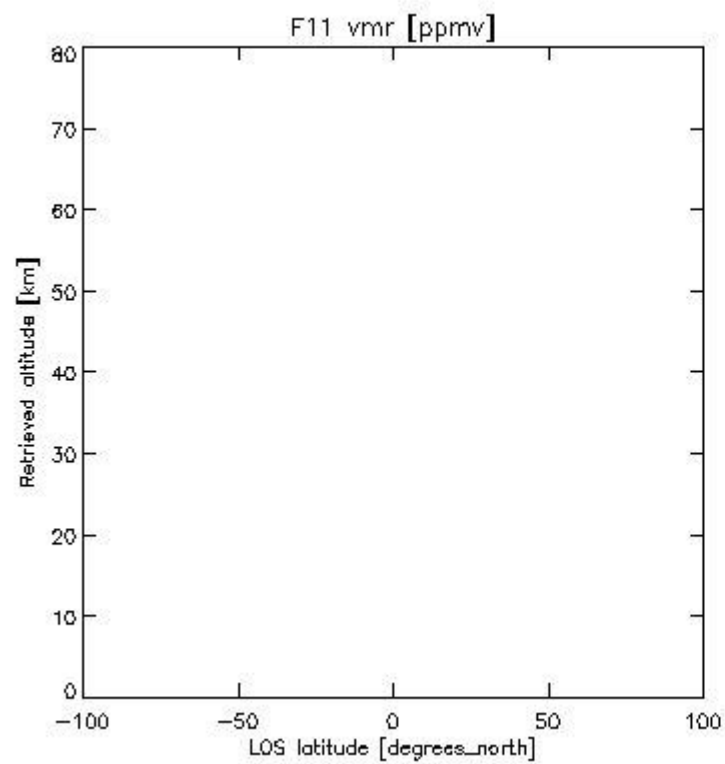
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



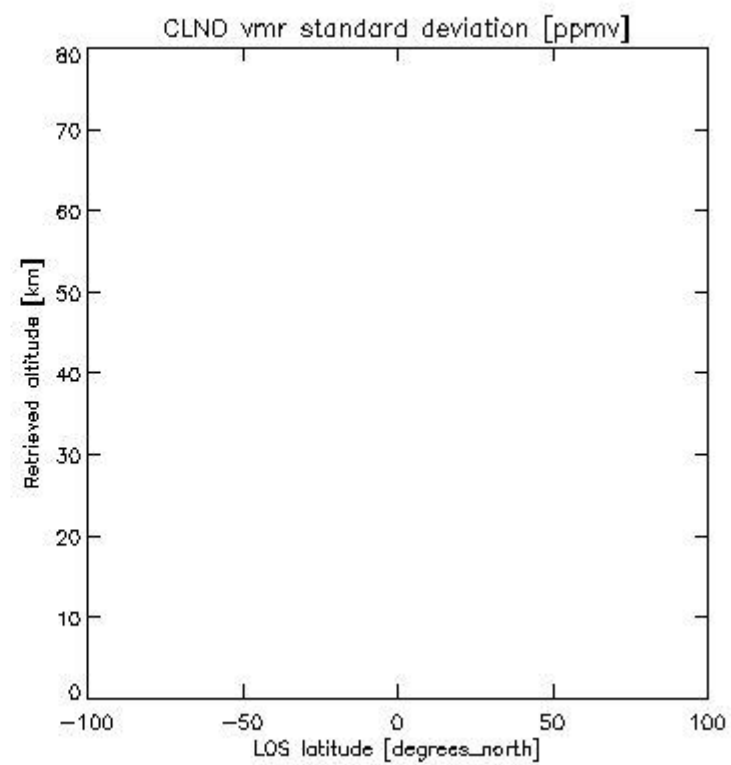
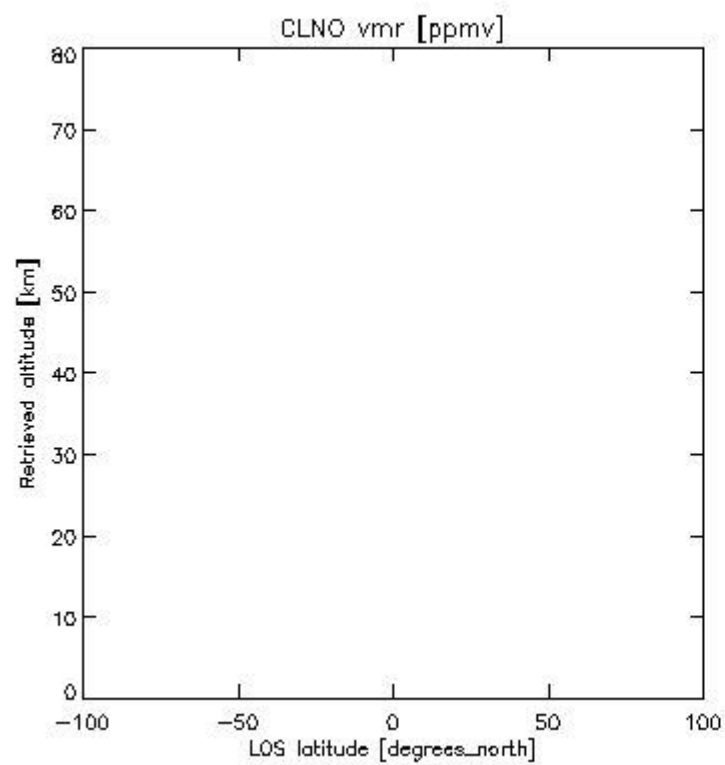
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

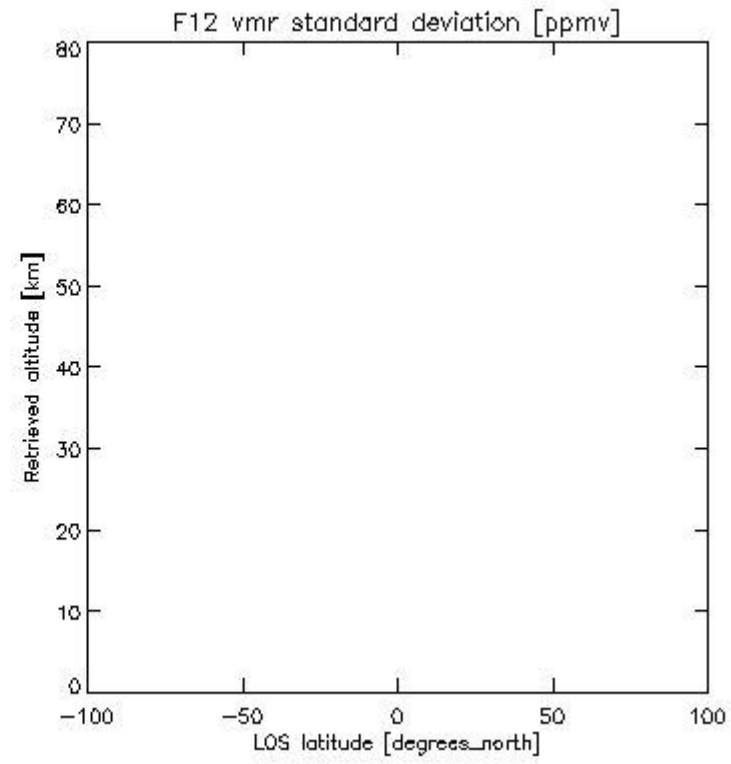
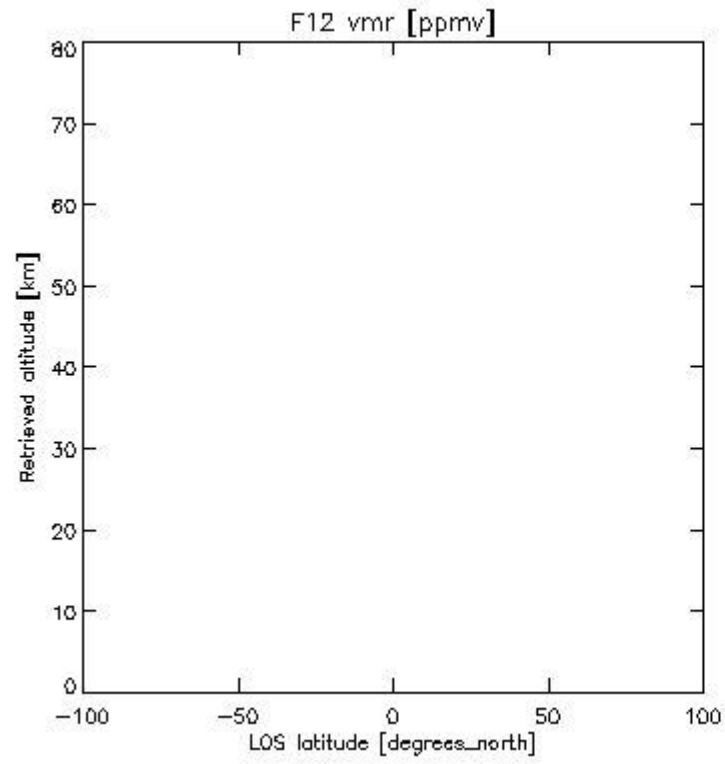
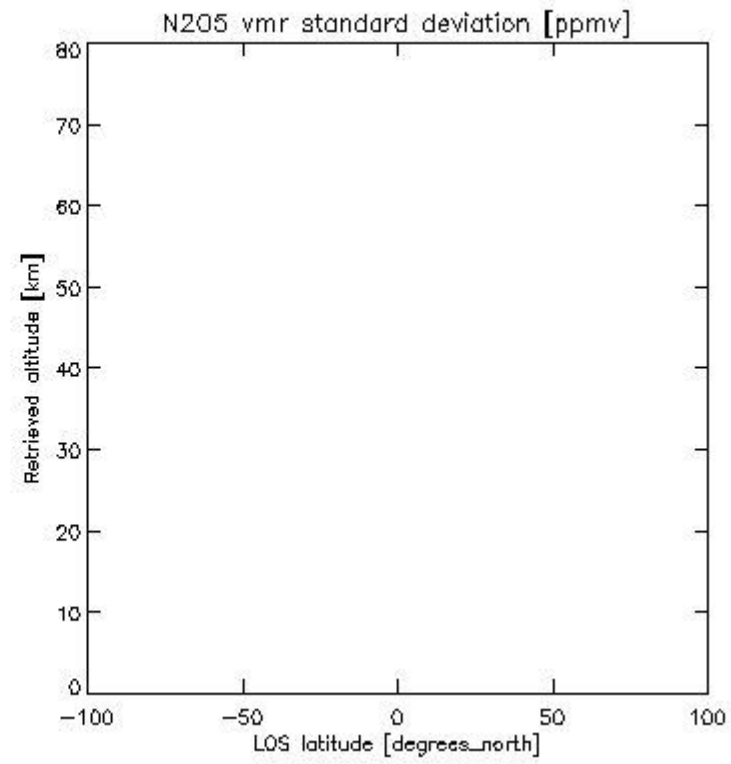
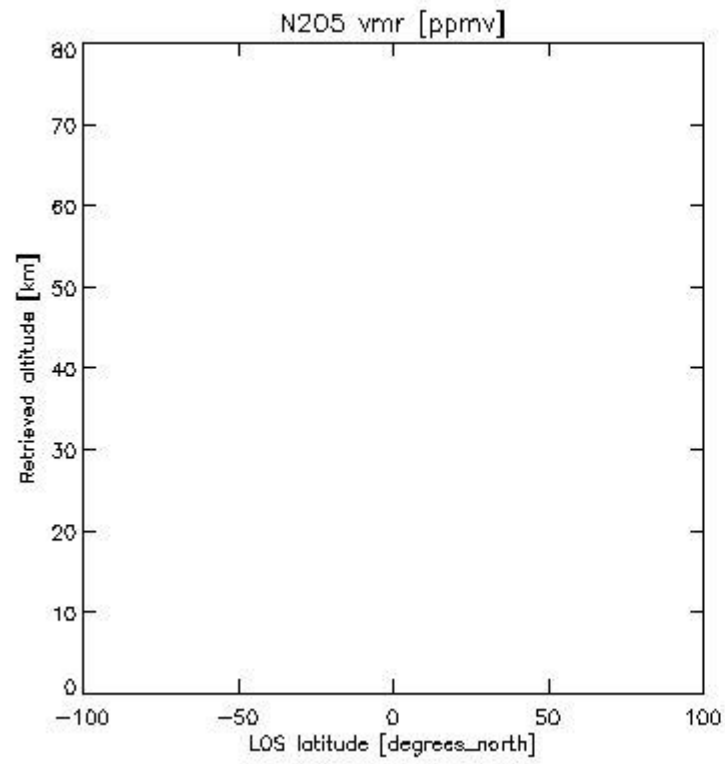


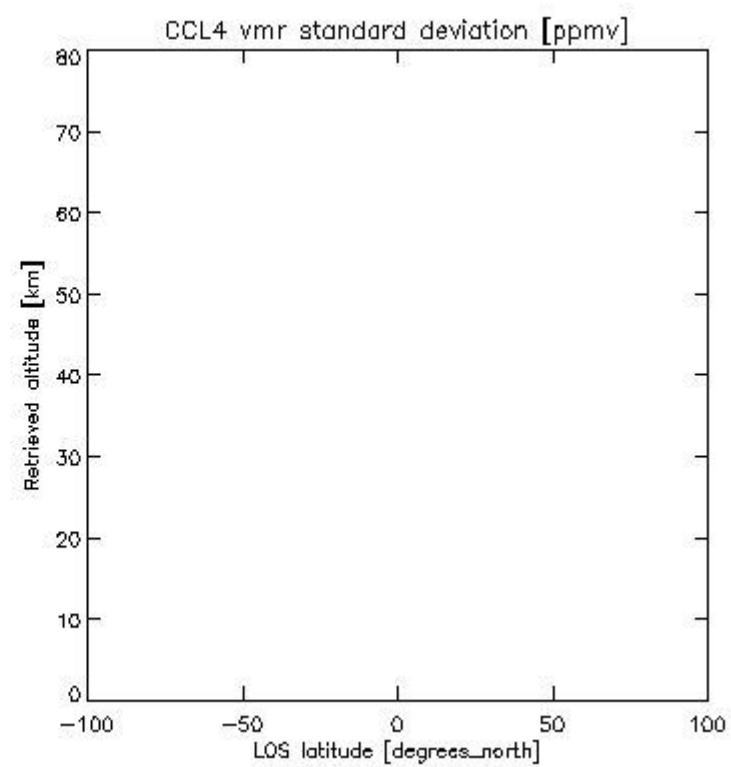
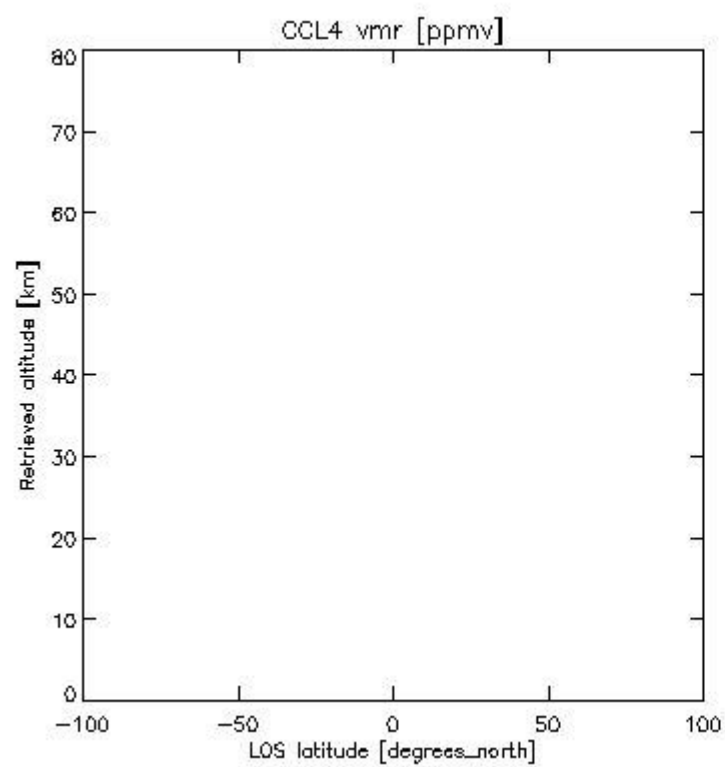
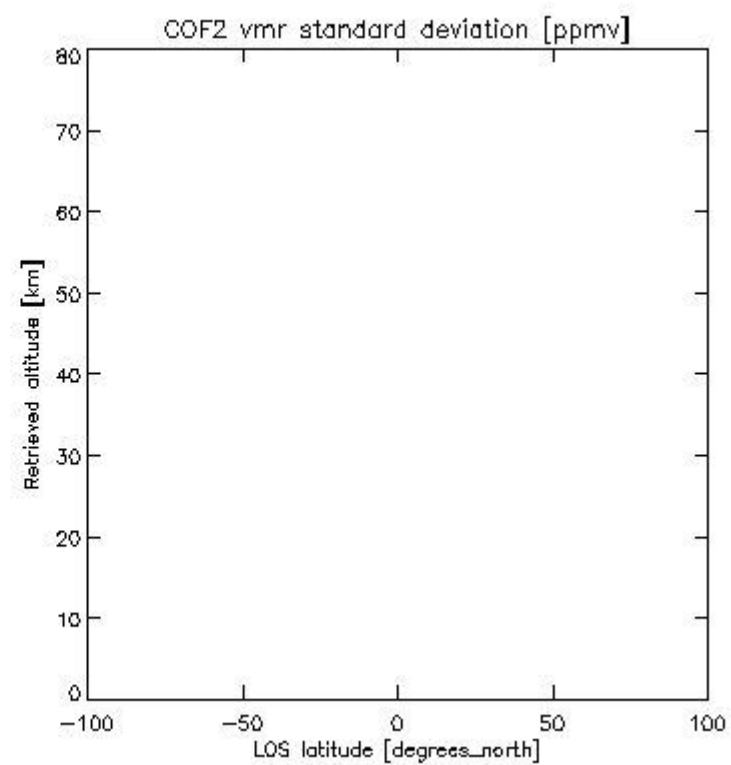
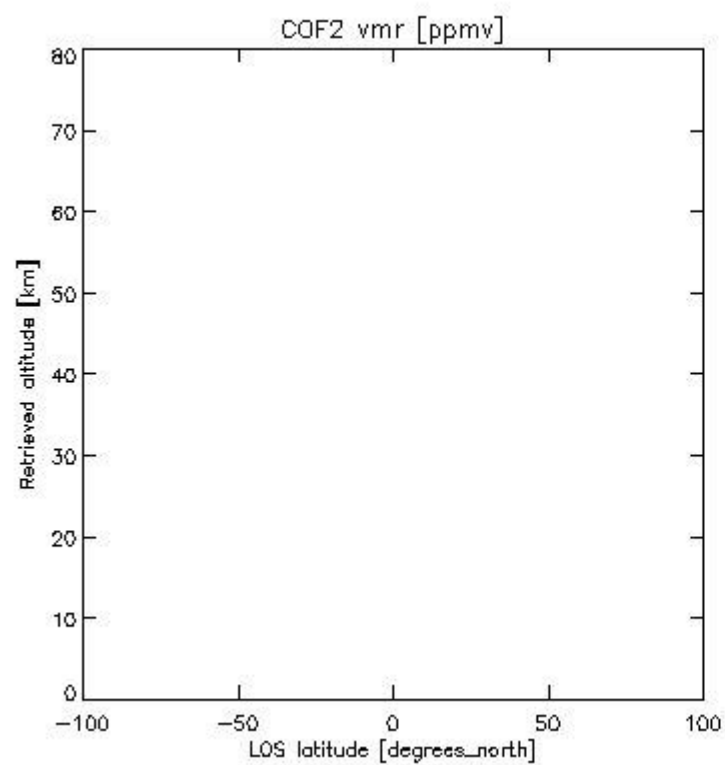
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

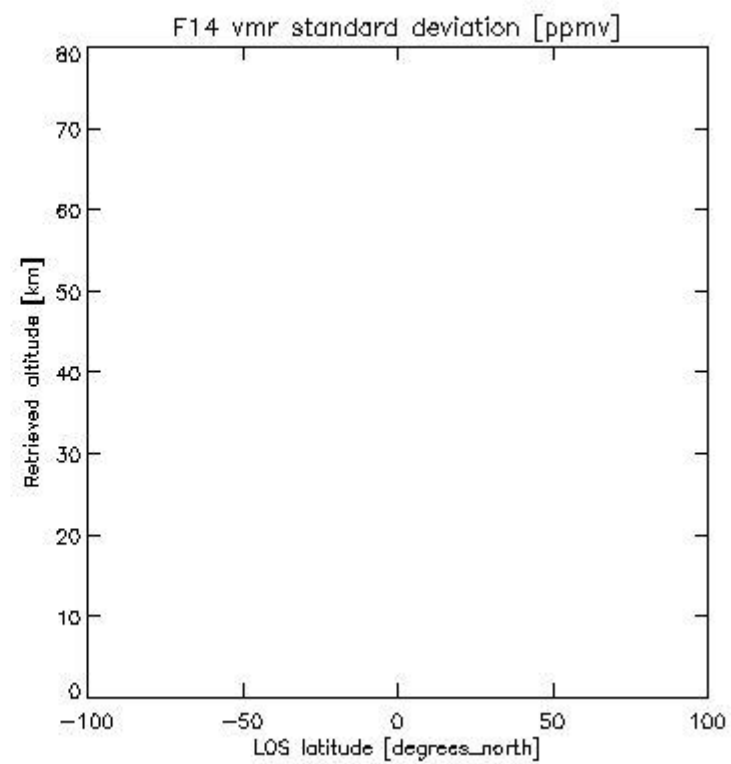
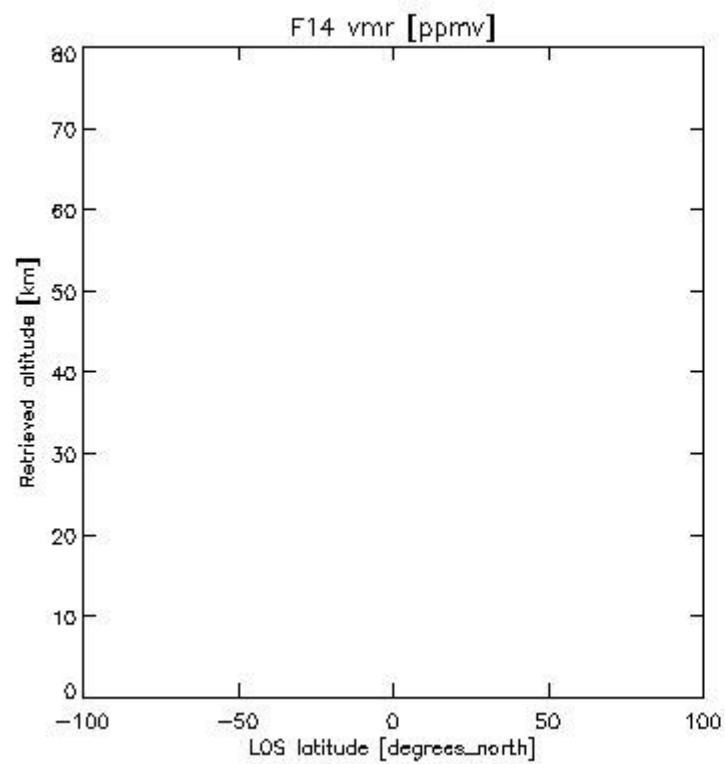
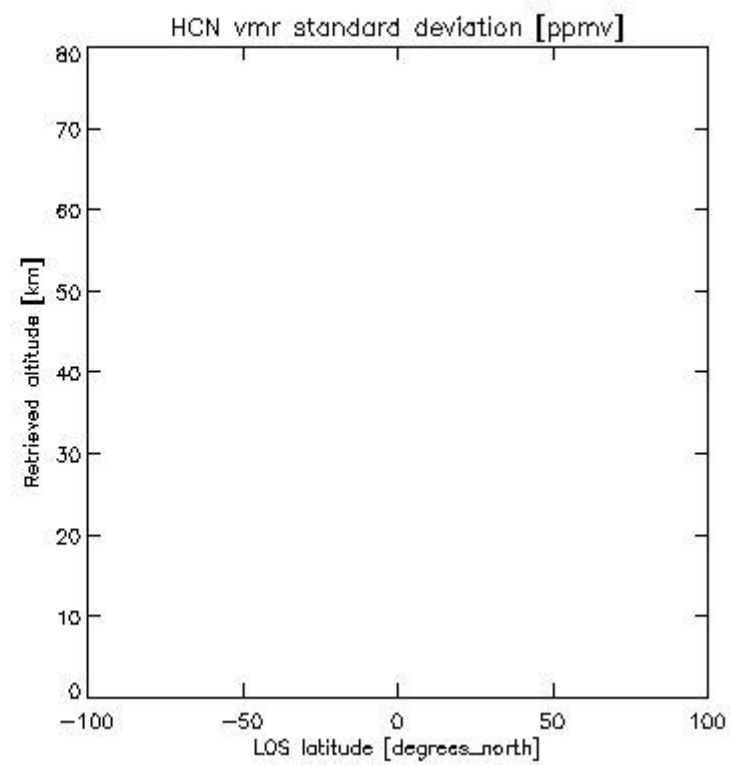
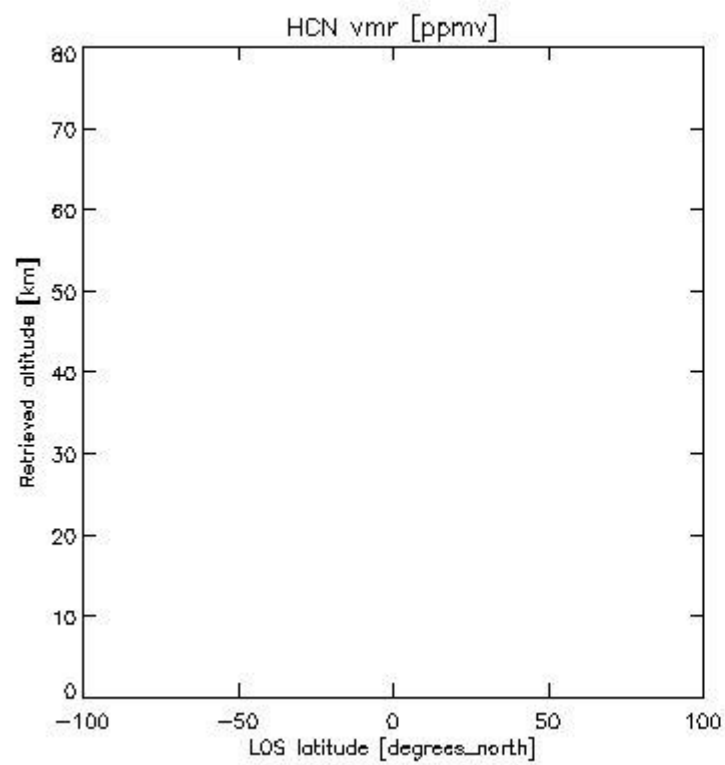


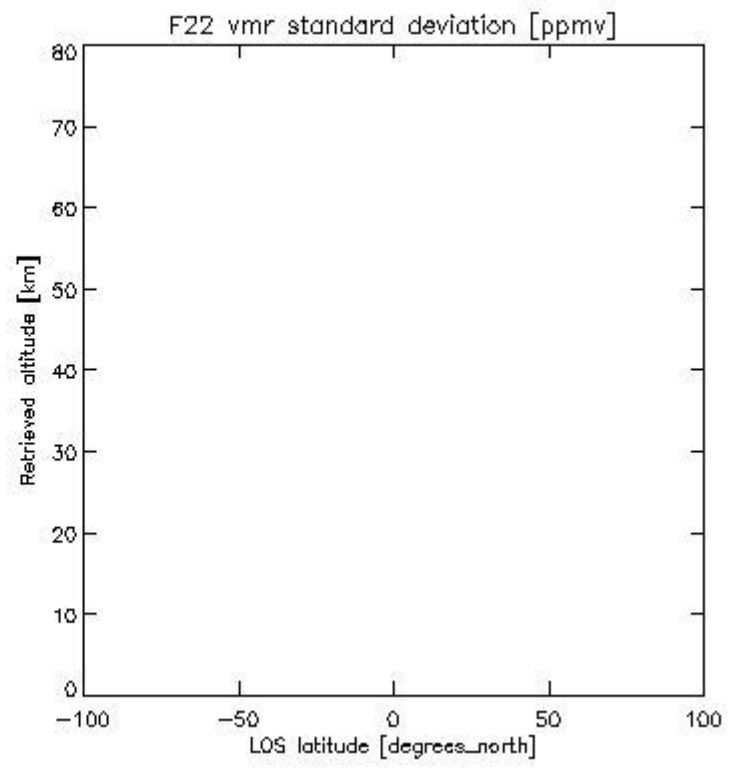
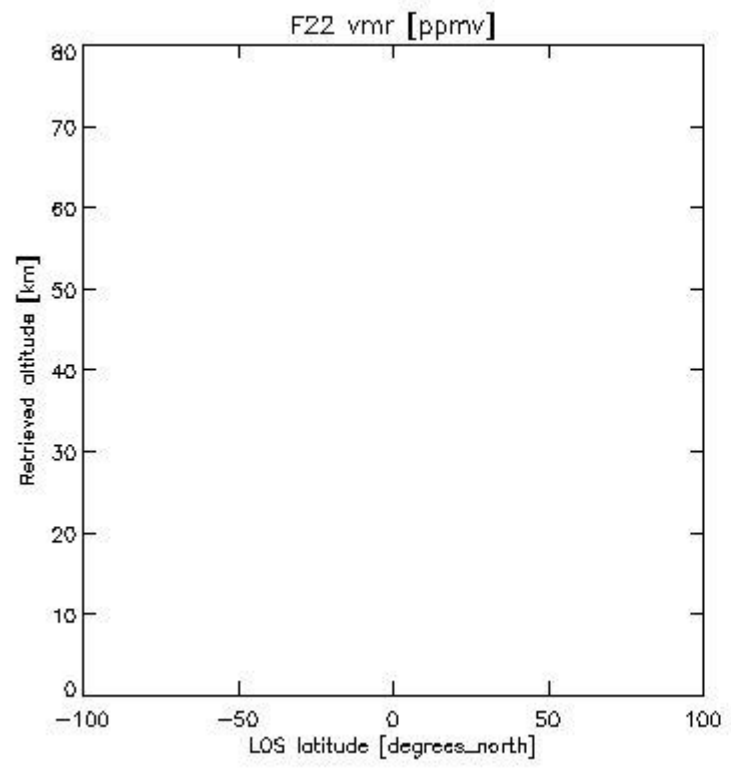
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.











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

