

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20100105.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	12MAY2016 12:38:52
Data source version	ML2PP/7.03-W
Processing scope for products	05JAN2010 00:00:00 to 06JAN2010 00:00:00
Start time of first product within scope	05JAN2010 00:00:17
Stop time of last product within scope	06JAN2010 01:09:45
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.

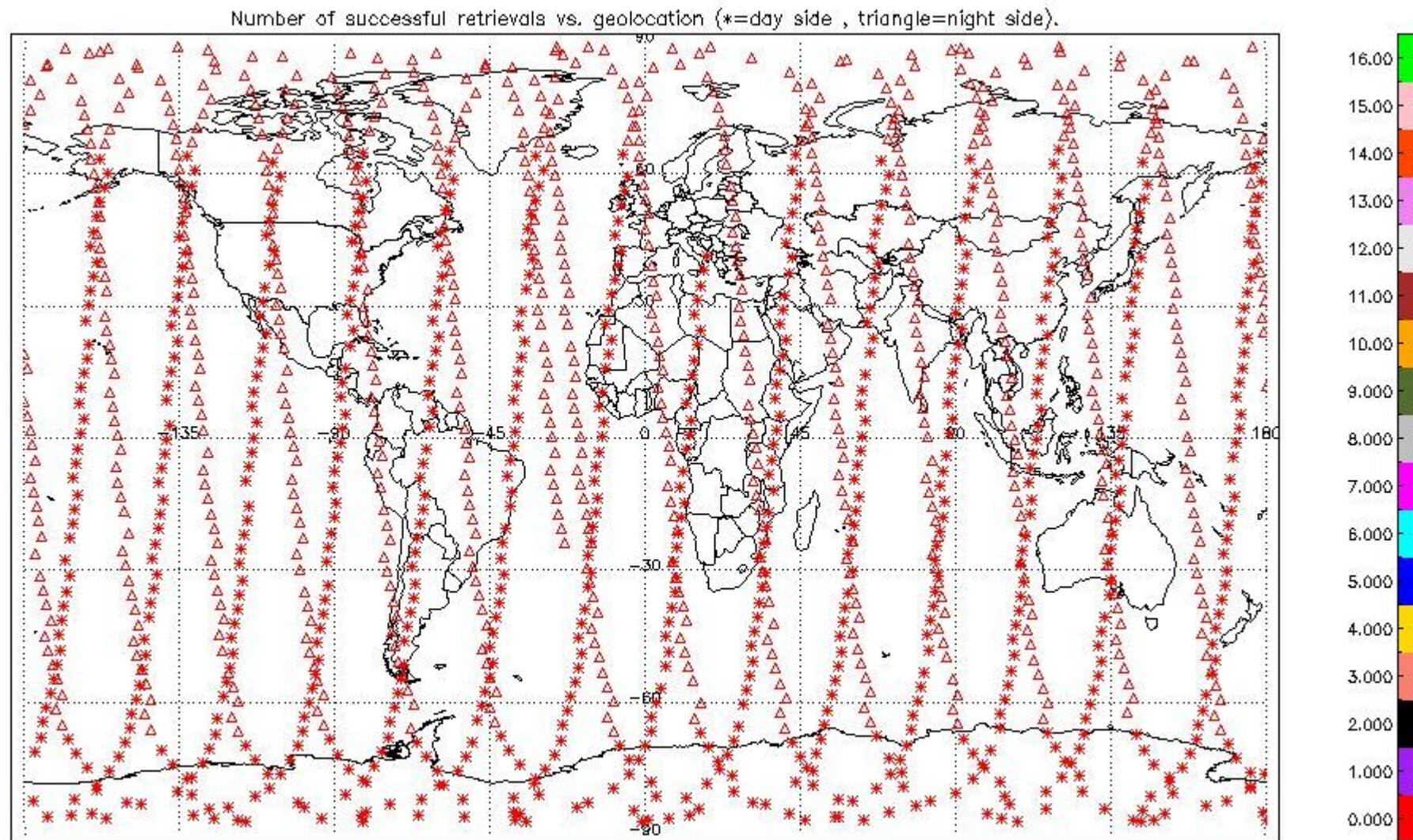
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20100105_000017_000060652085_00403_41038_1000.N1	05JAN2010 00:00:17	05JAN2010 01:41:22	0	104/104	
1	MIP_NL__2PWDSI20100105_014129_000060082085_00404_41039_1000.N1	05JAN2010 01:41:29	05JAN2010 03:21:37	0	103/103	
2	MIP_NL__2PWDSI20100105_032143_000060382085_00405_41040_1000.N1	05JAN2010 03:21:43	05JAN2010 05:02:21	0	103/103	
3	MIP_NL__2PWDSI20100105_050227_000060082085_00406_41041_1000.N1	05JAN2010 05:02:27	05JAN2010 06:42:35	0	103/103	
4	MIP_NL__2PWDSI20100105_064242_000060652085_00407_41042_1000.N1	05JAN2010 06:42:42	05JAN2010 08:23:46	0	104/104	
5	MIP_NL__2PWDSI20100105_082353_000060212085_00408_41043_1000.N1	05JAN2010 08:23:53	05JAN2010 10:04:14	0	88/88	
6	MIP_NL__2PWDSI20100105_100420_000060082085_00409_41044_1000.N1	05JAN2010 10:04:20	05JAN2010 11:44:28	0	103/103	
7	MIP_NL__2PWDSI20100105_114434_000060652085_00410_41045_1000.N1	05JAN2010 11:44:34	05JAN2010 13:25:39	0	104/104	
8	MIP_NL__2PWDSI20100105_132545_000059812085_00411_41046_1000.N1	05JAN2010 13:25:45	05JAN2010 15:05:27	0	102/102	
9	MIP_NL__2PWDSI20100105_150629_000060082085_00412_41047_1000.N1	05JAN2010 15:06:29	05JAN2010 16:46:38	0	103/103	
10	MIP_NL__2PWDSI20100105_164644_000060082085_00413_41048_1000.N1	05JAN2010 16:46:44	05JAN2010 18:26:52	0	103/103	
11	MIP_NL__2PWDSI20100105_182659_000060382085_00414_41049_1000.N1	05JAN2010 18:26:59	05JAN2010 20:07:36	0	103/103	
12	MIP_NL__2PWDSI20100105_200742_000060082085_00415_41050_1000.N1	05JAN2010 20:07:42	05JAN2010 21:47:51	0	103/103	
13	MIP_NL__2PWDSI20100105_214853_000059522085_00416_41051_1000.N1	05JAN2010 21:48:53	05JAN2010 23:28:05	0	102/102	
14	MIP_NL__2PWDSI20100105_232841_000060652085_00417_41052_1000.N1	05JAN2010 23:28:41	06JAN2010 01:09:45	0	104/104	

2.2 Processing performance indicators

2.2.1 Successful retrievals

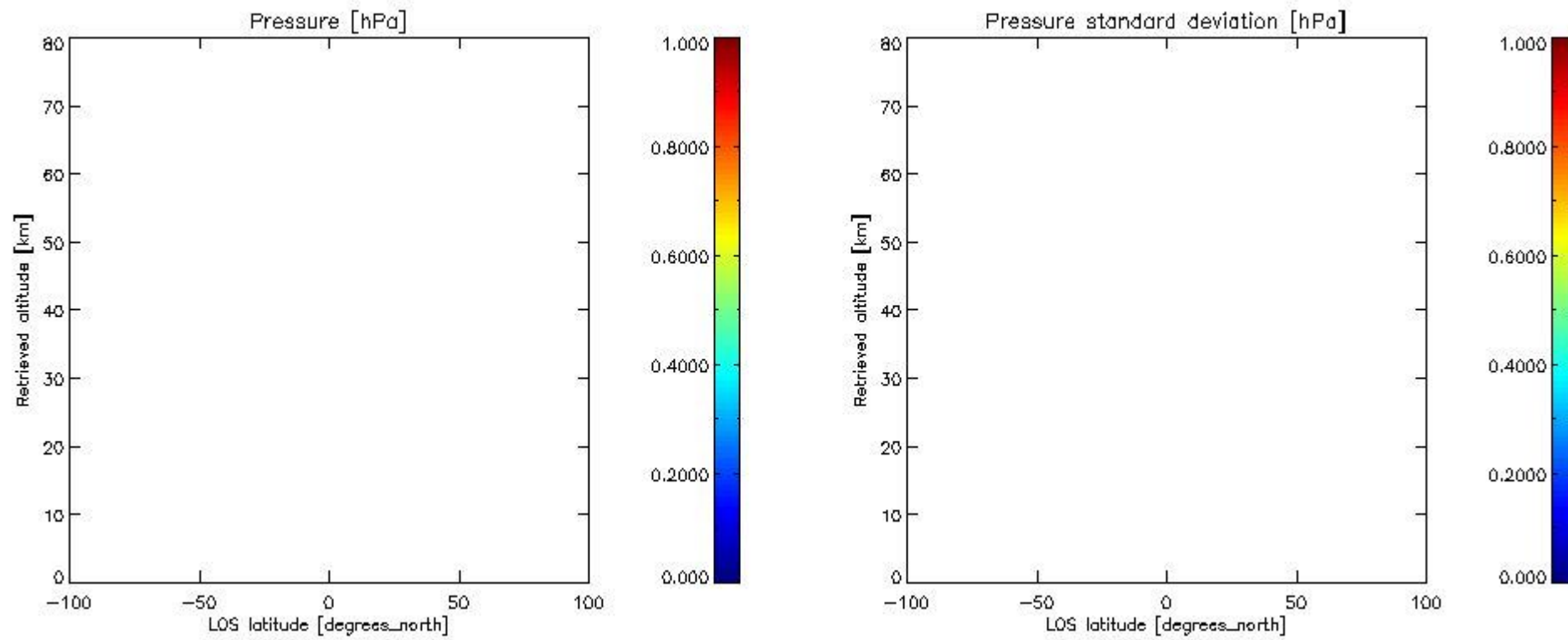
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1532	0	0.0000
H2O	1532	0	0.0000
O3	1532	0	0.0000
HNO3	1532	0	0.0000
CH4	1532	0	0.0000
N2O	1532	0	0.0000
NO2	1532	0	0.0000
F11	1532	0	0.0000
CLNO	1532	0	0.0000
N2O5	1532	0	0.0000
F12	1532	0	0.0000
COF2	1532	0	0.0000
CCL4	1532	0	0.0000
HCN	1532	0	0.0000
F14	1532	0	0.0000
F22	1532	0	0.0000



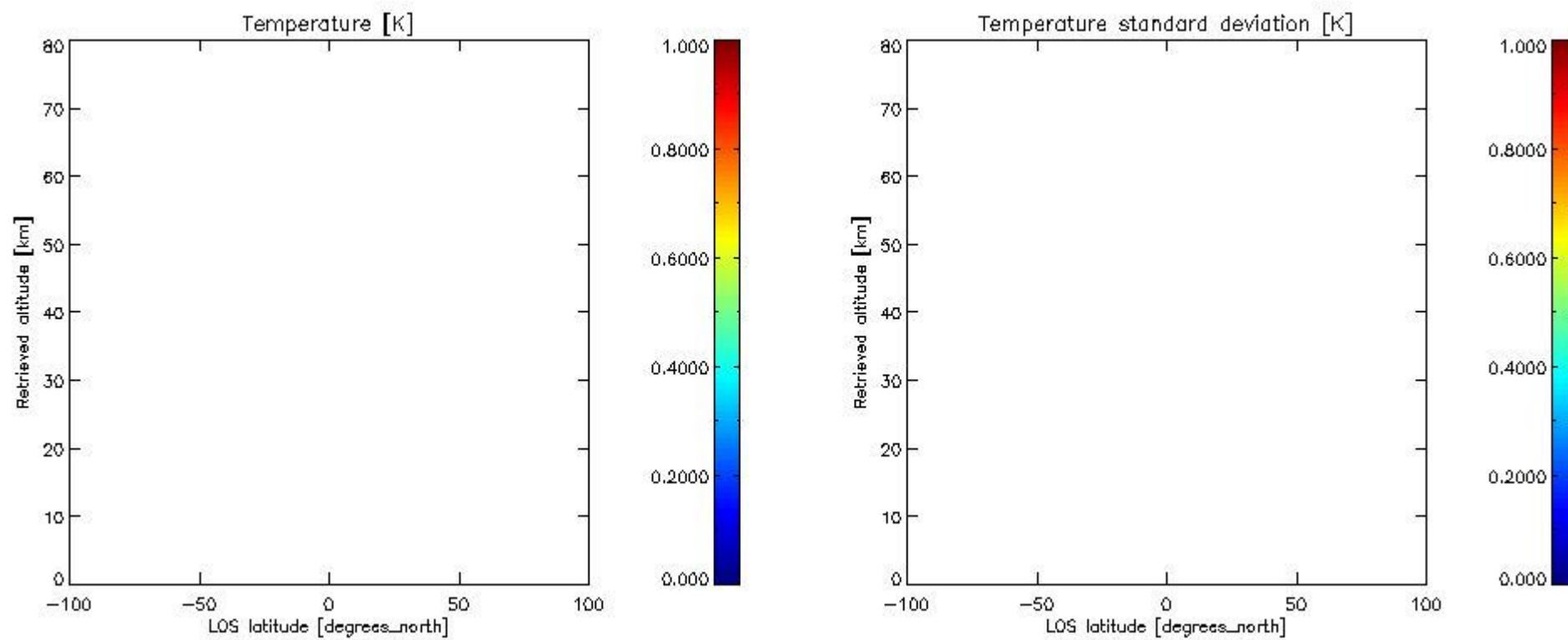
2.2.2 Pressure overview

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



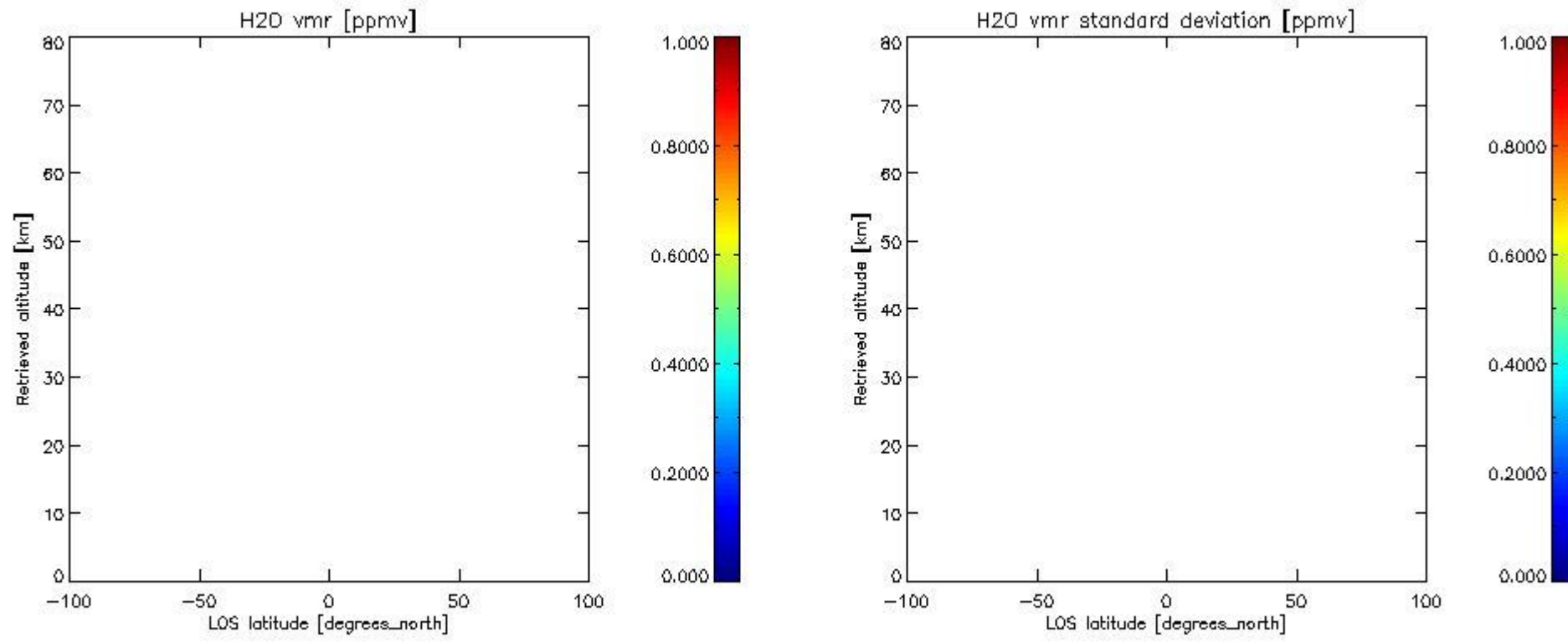
2.2.3 Temperature overview

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

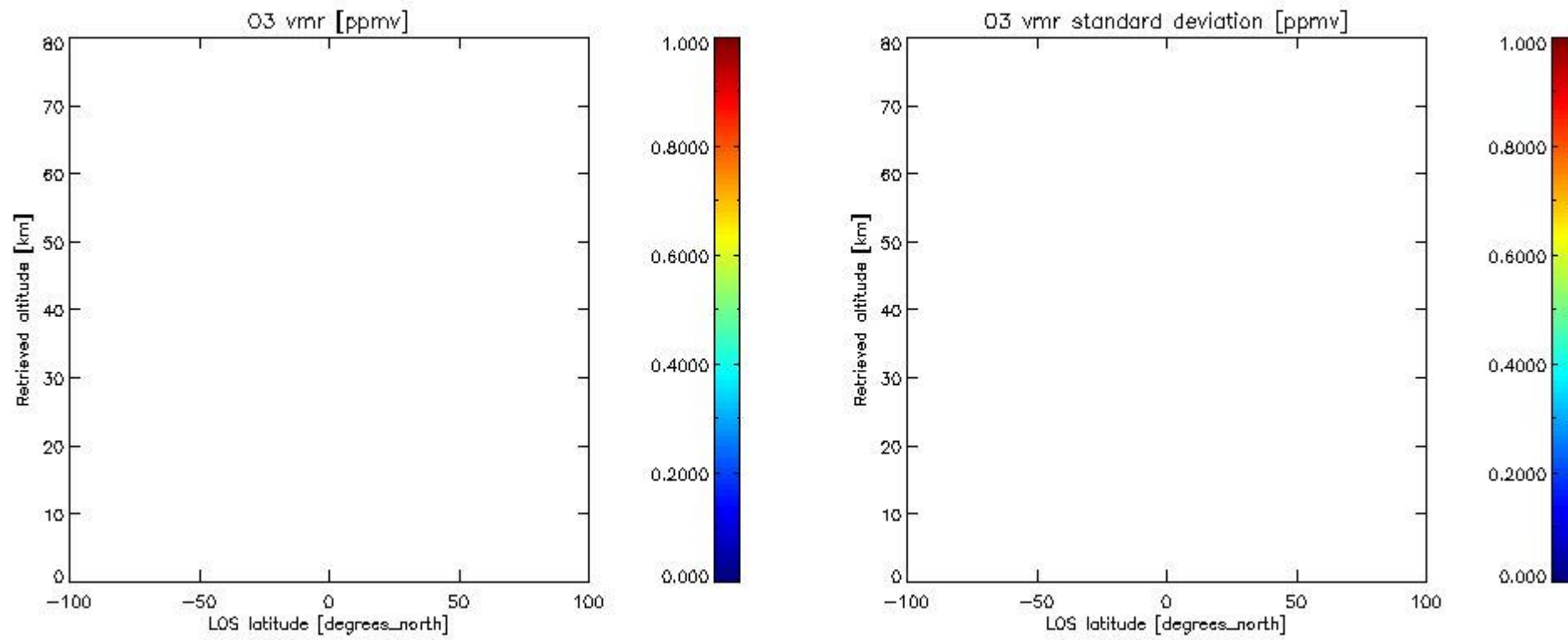


2.2.4 Species overview

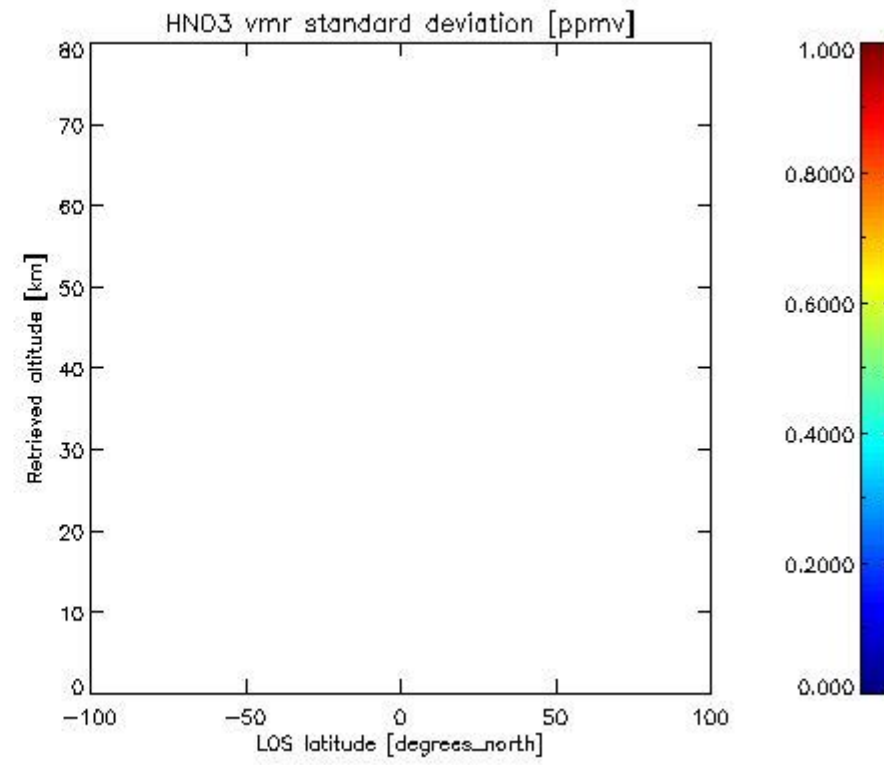
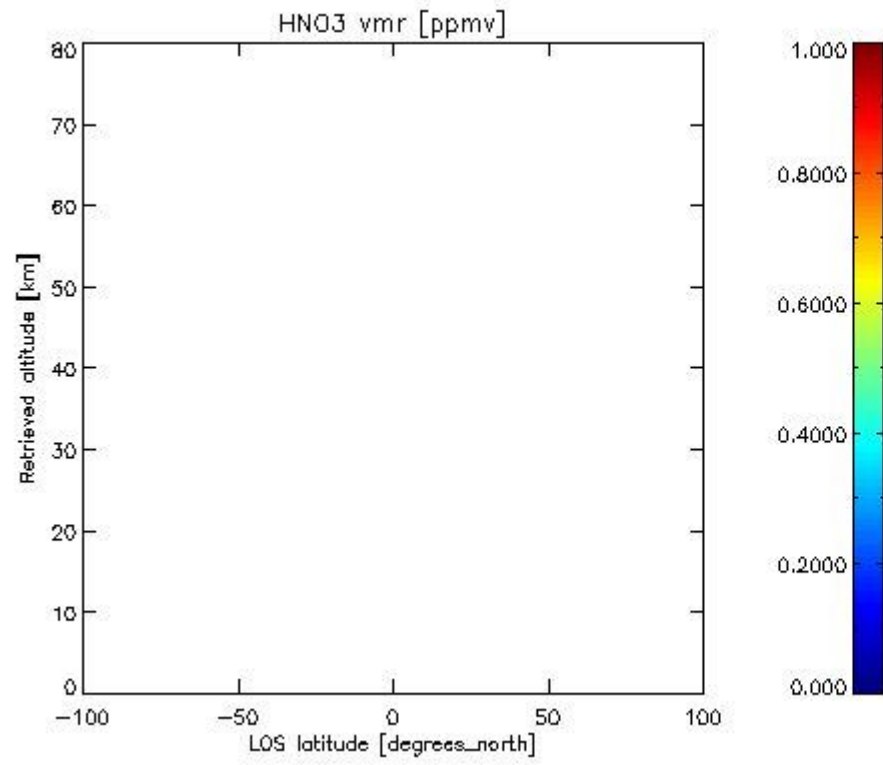
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



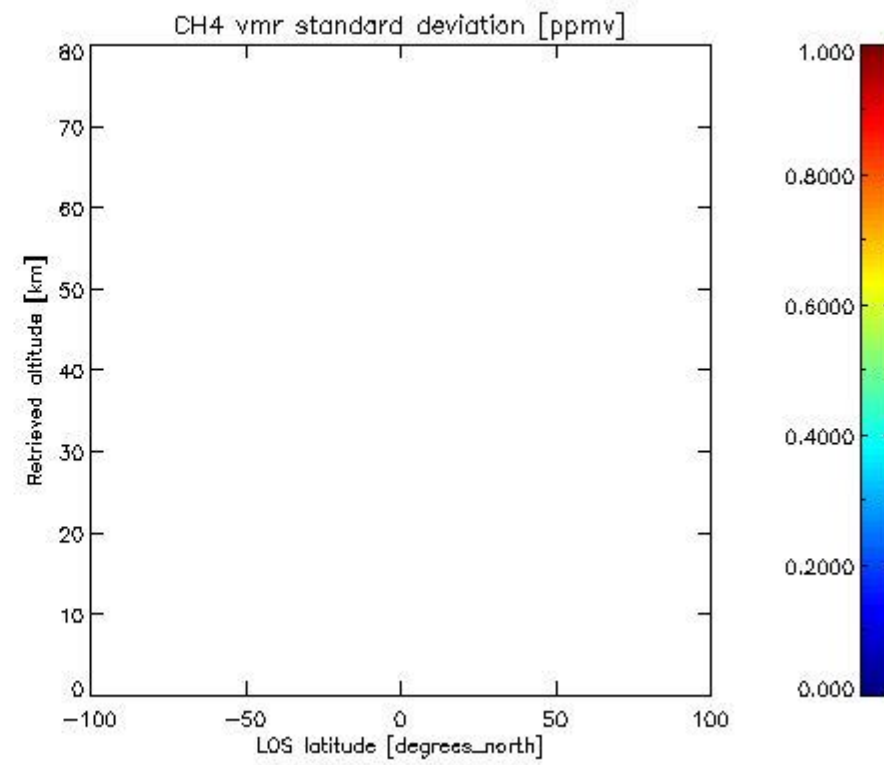
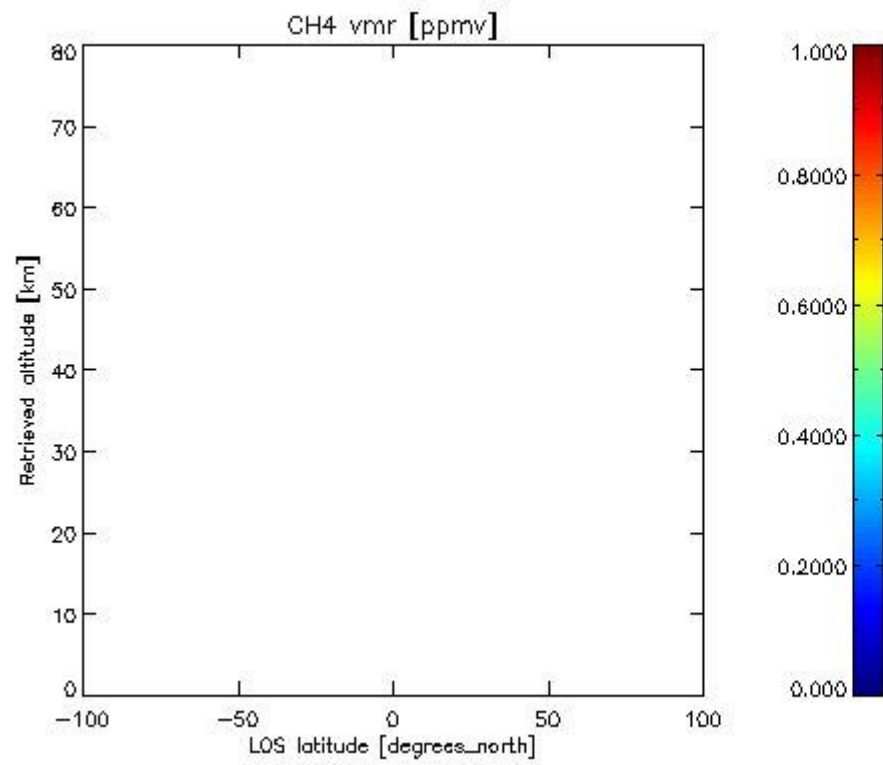
2.2.4.2 O₃ overview This section shows values (left) and error (right) for O₃ after binning individual sweep values over retrieved altitude and tangent latitude.



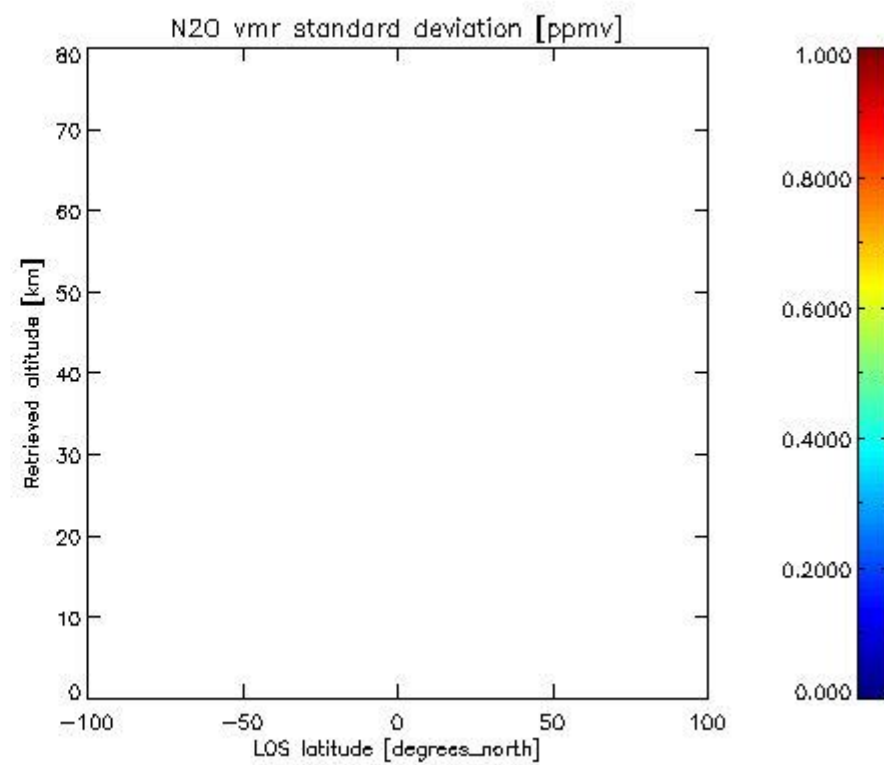
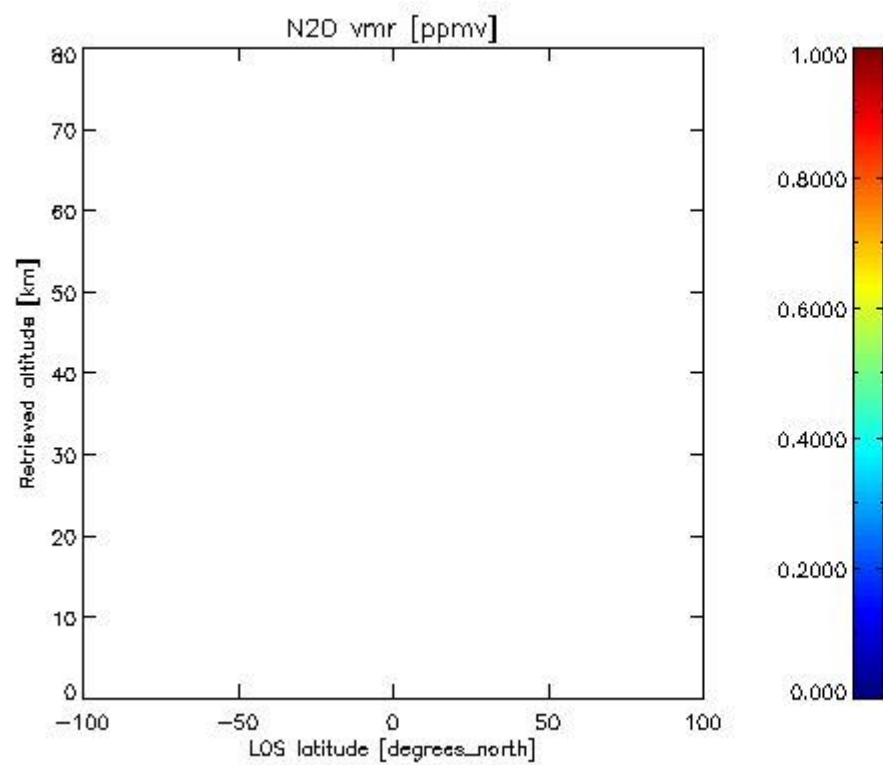
2.2.4.3 HNO₃ overview This section shows values (left) and error (right) for HNO₃ after binning individual sweep values over retrieved altitude and tangent latitude.



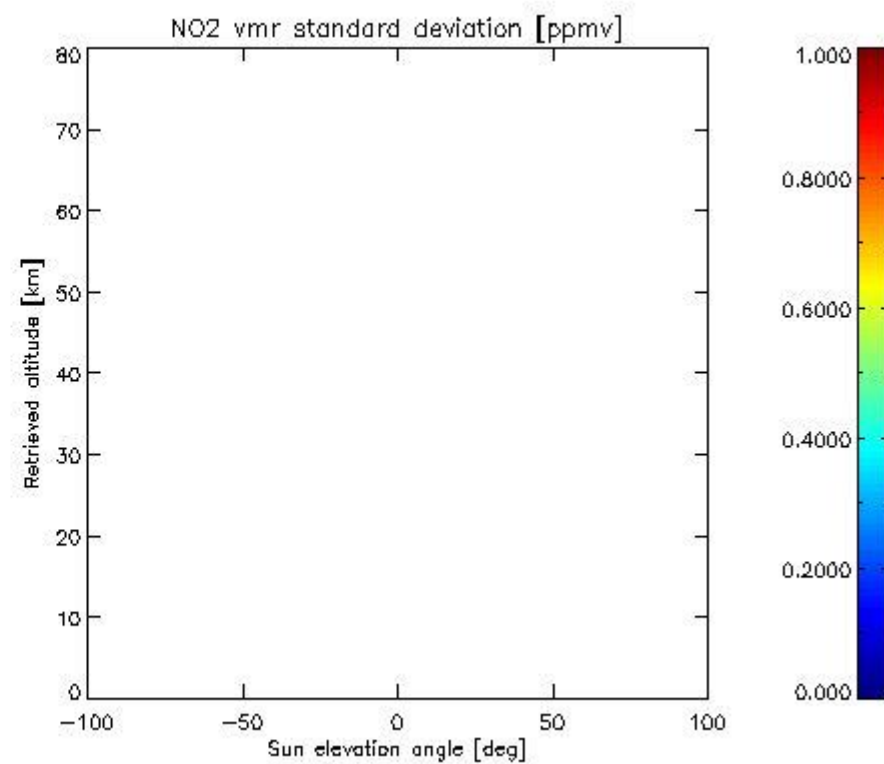
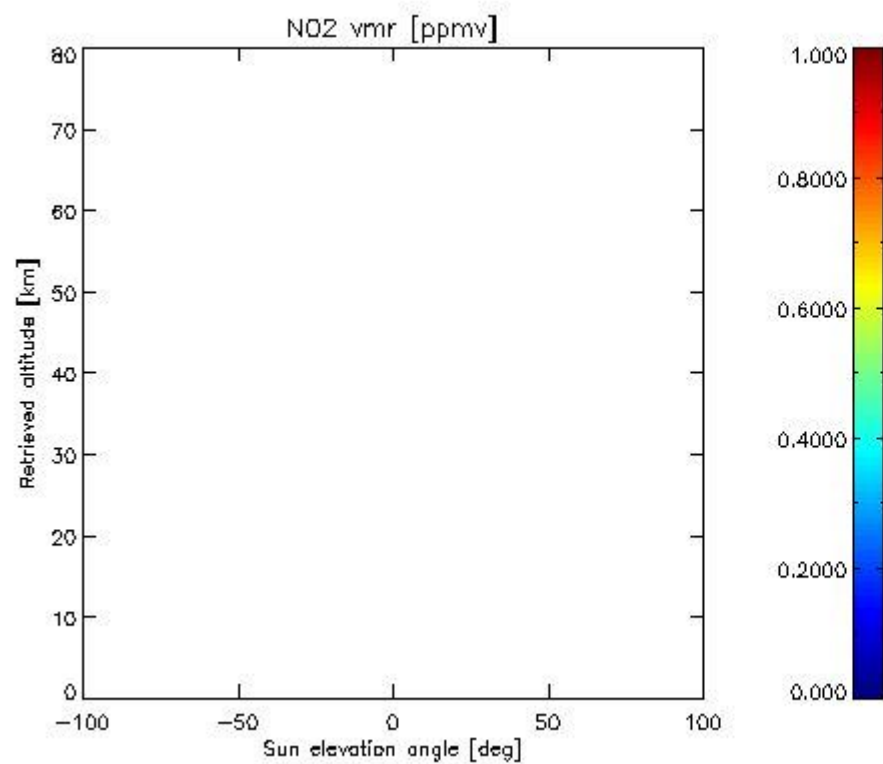
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



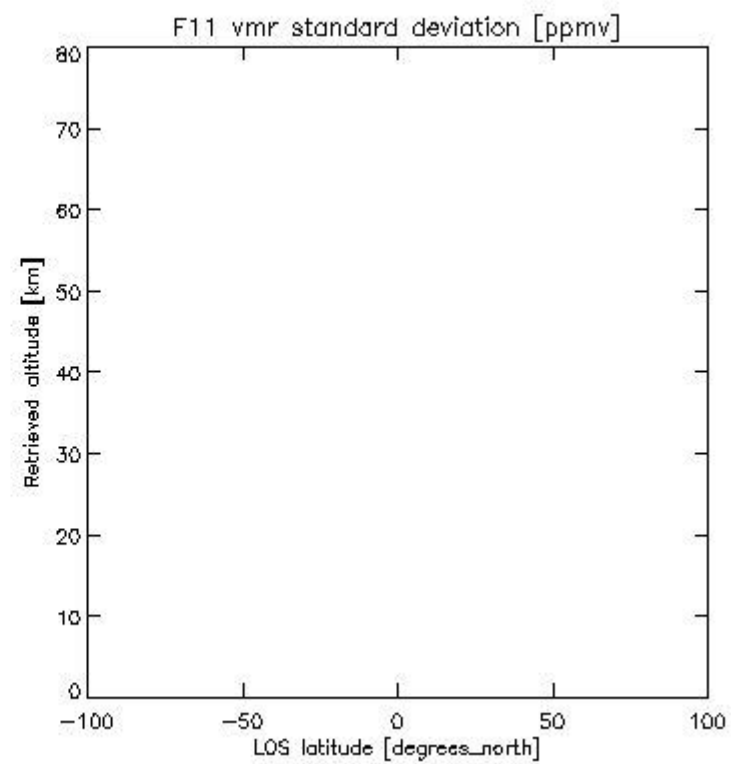
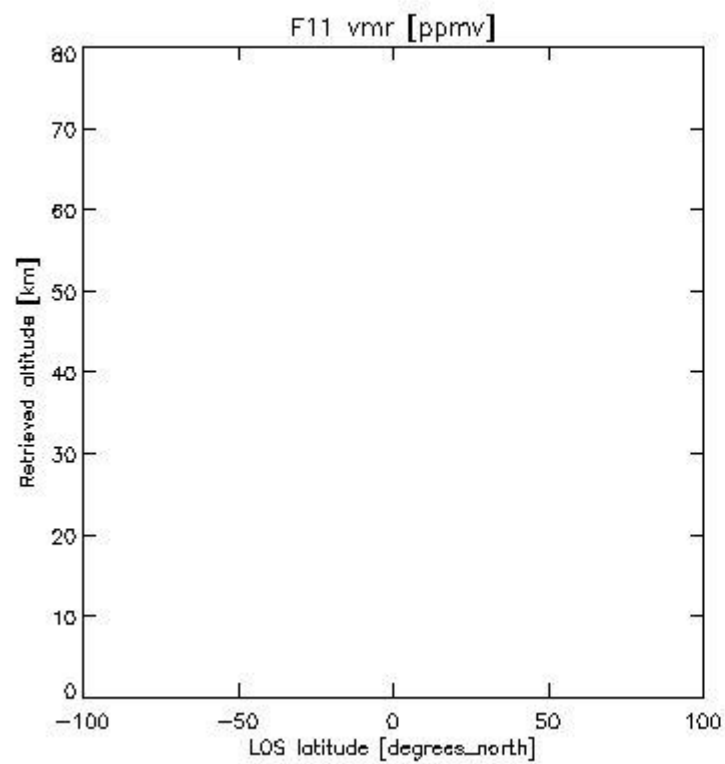
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



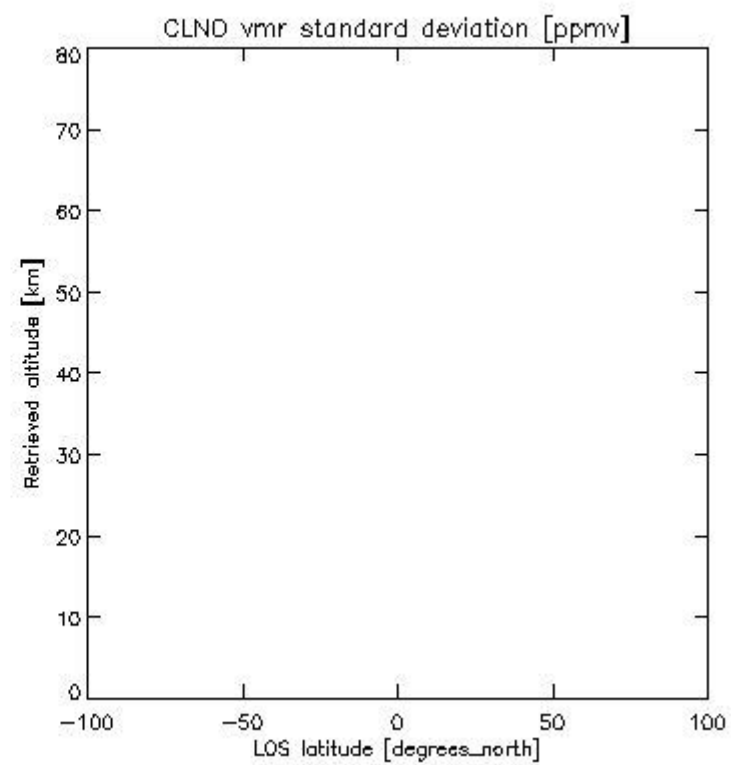
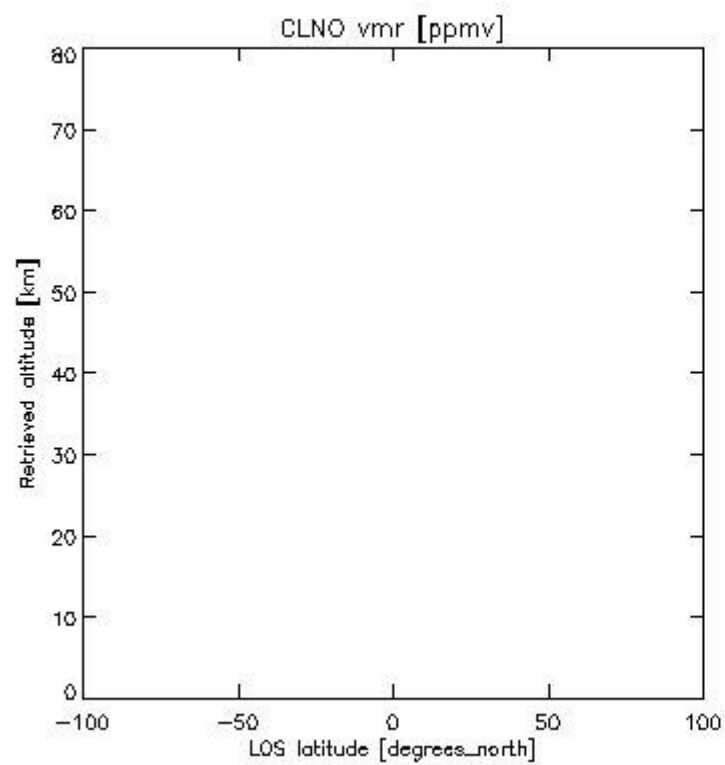
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

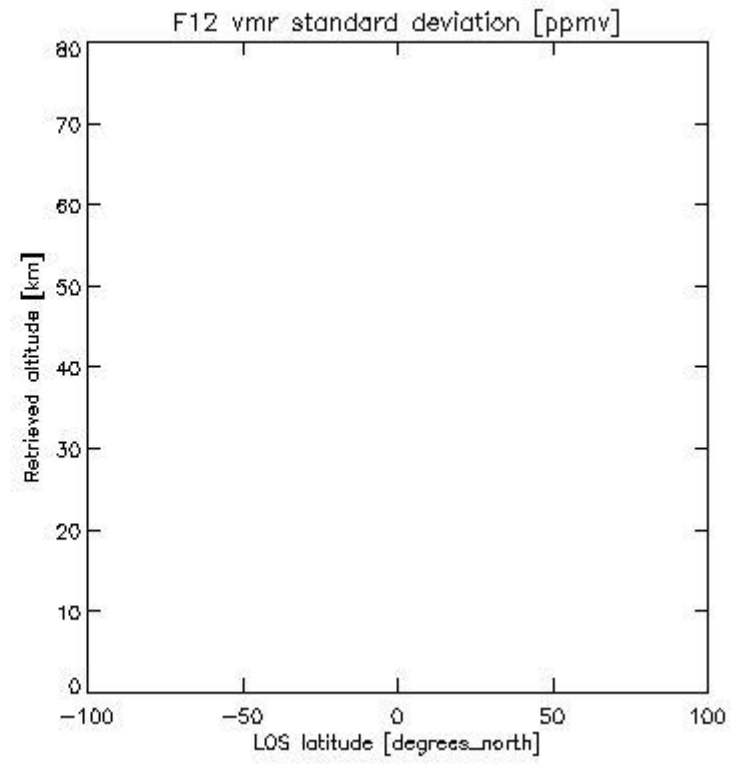
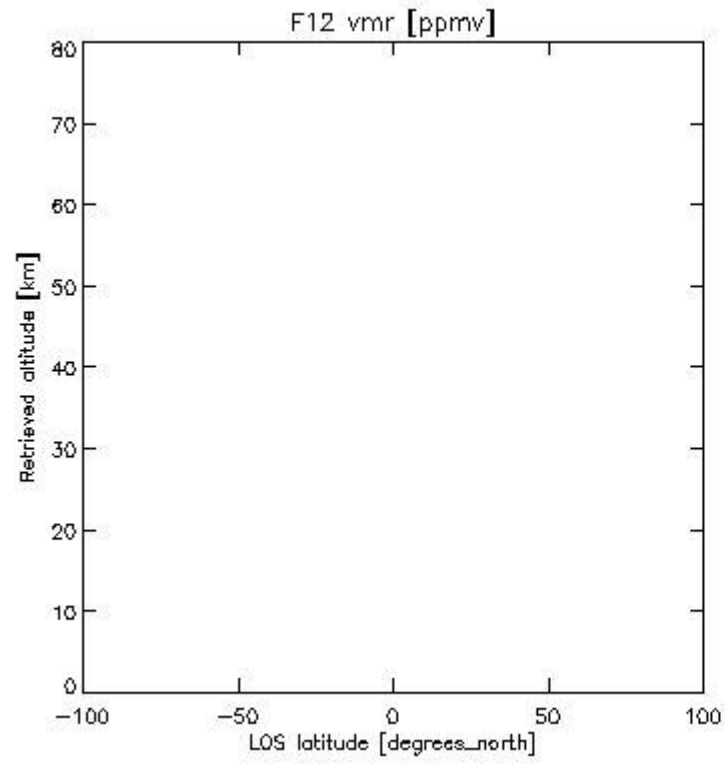
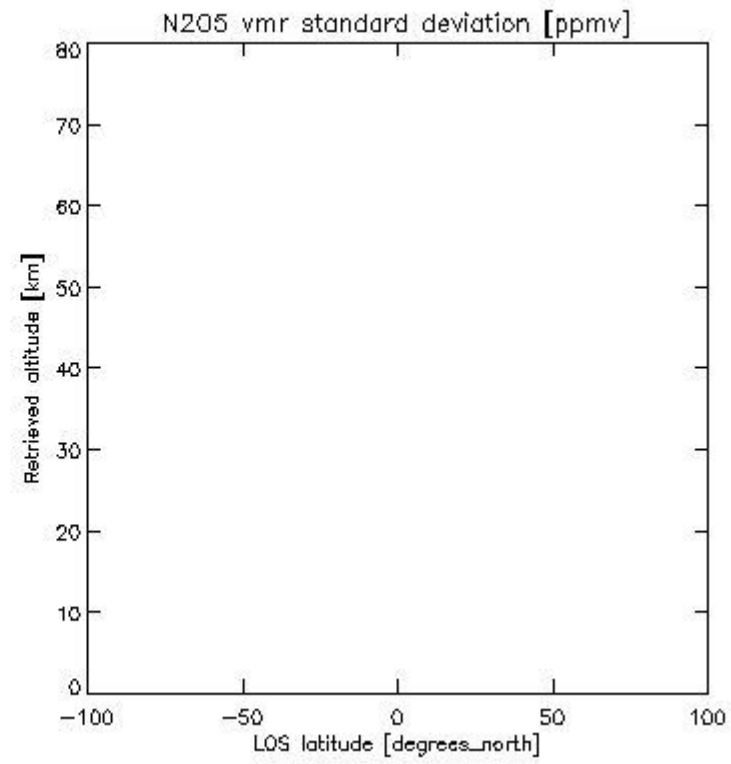
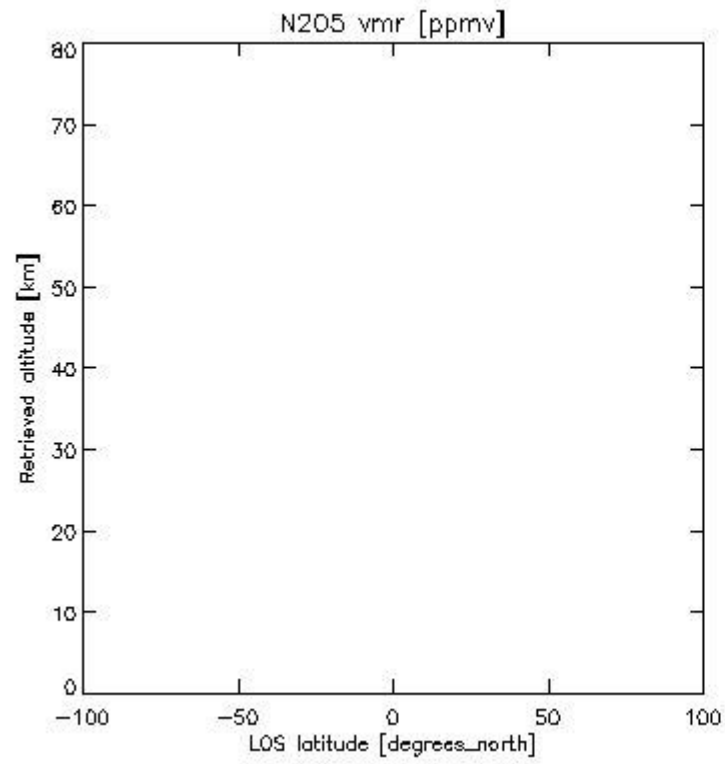


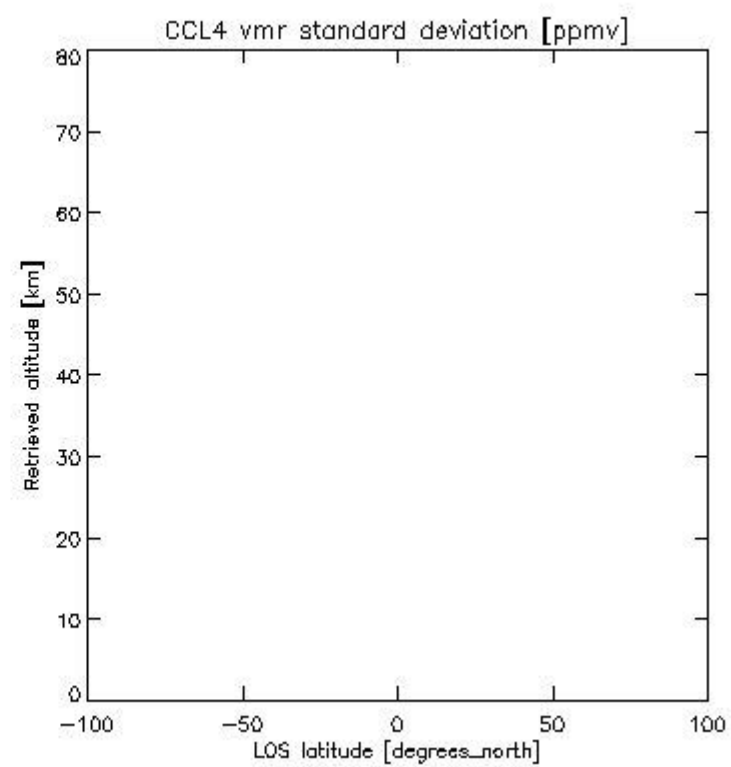
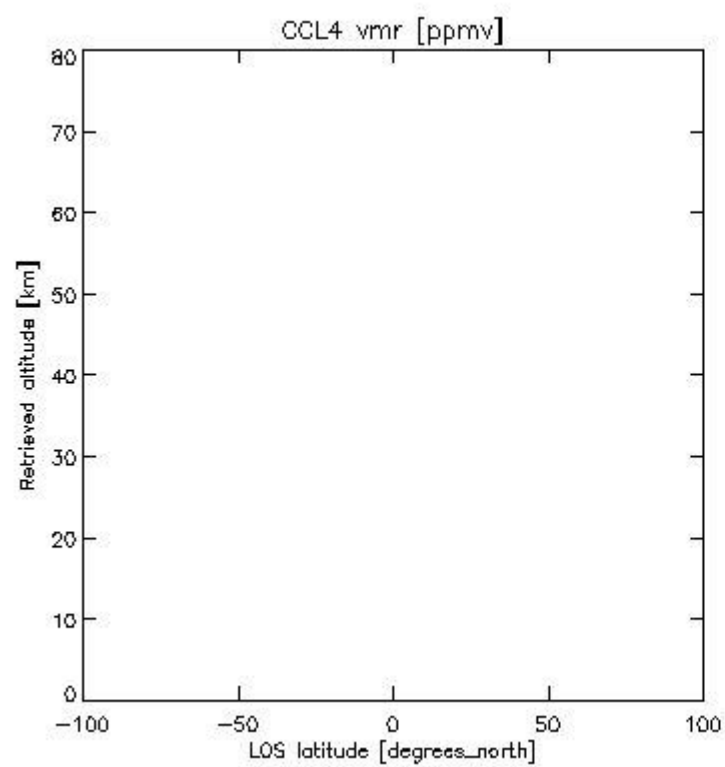
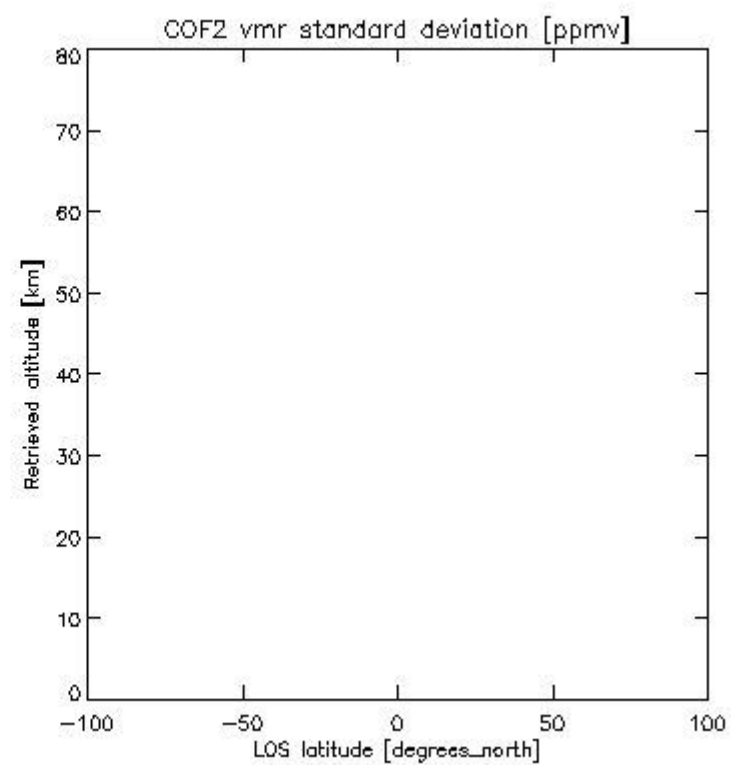
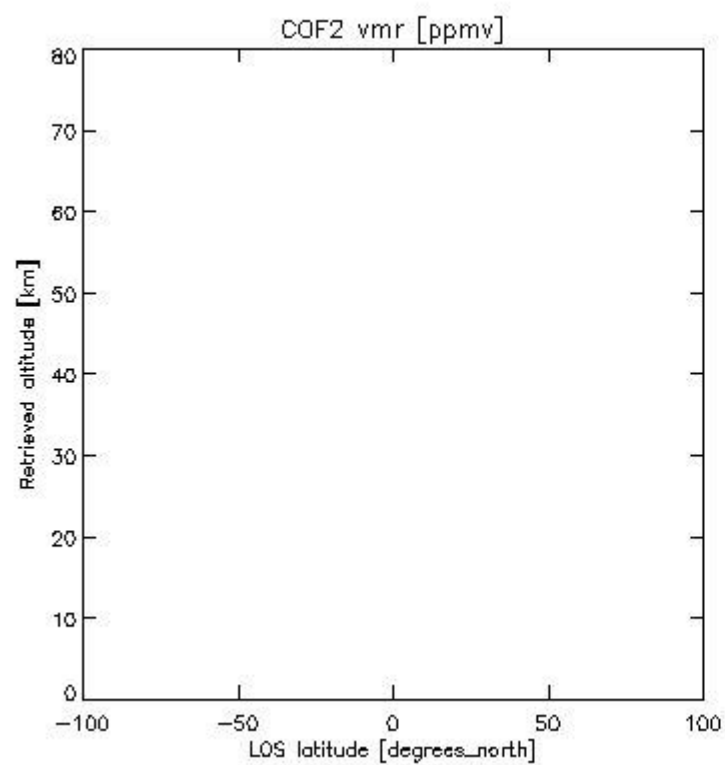
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

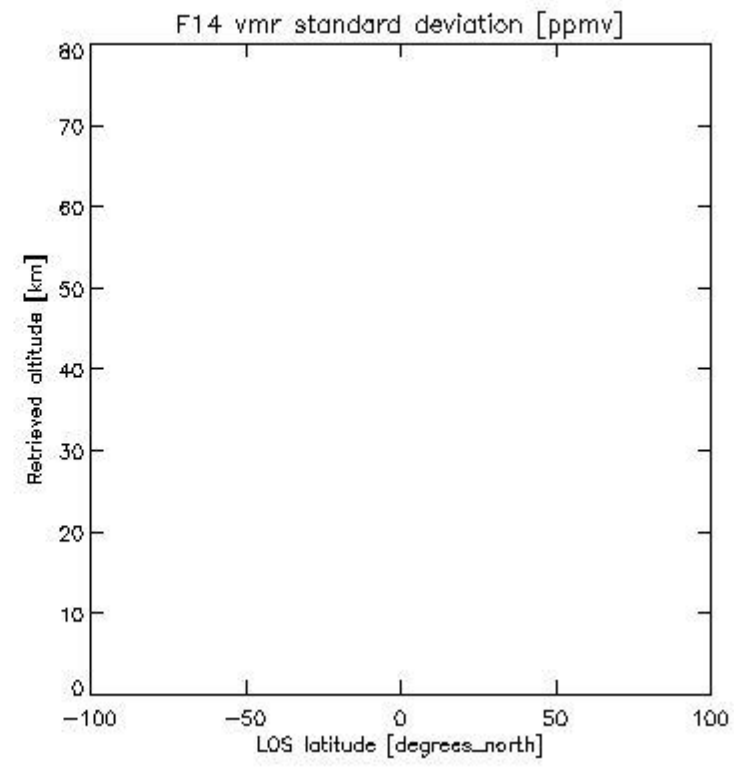
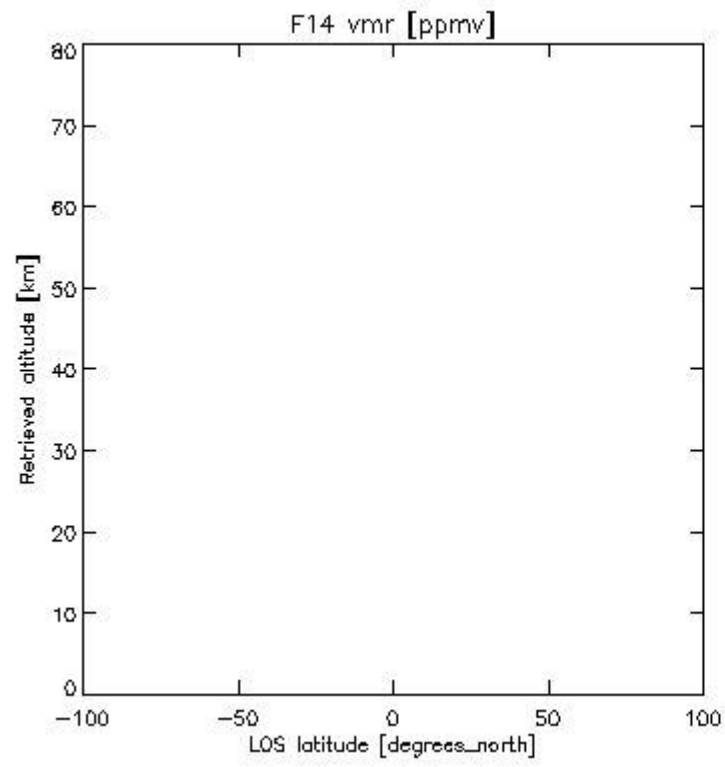
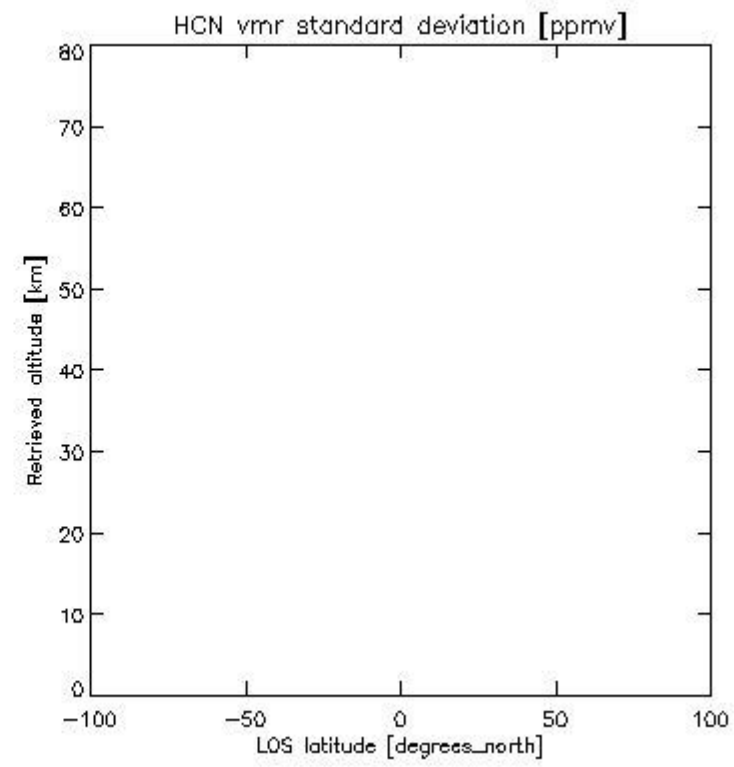
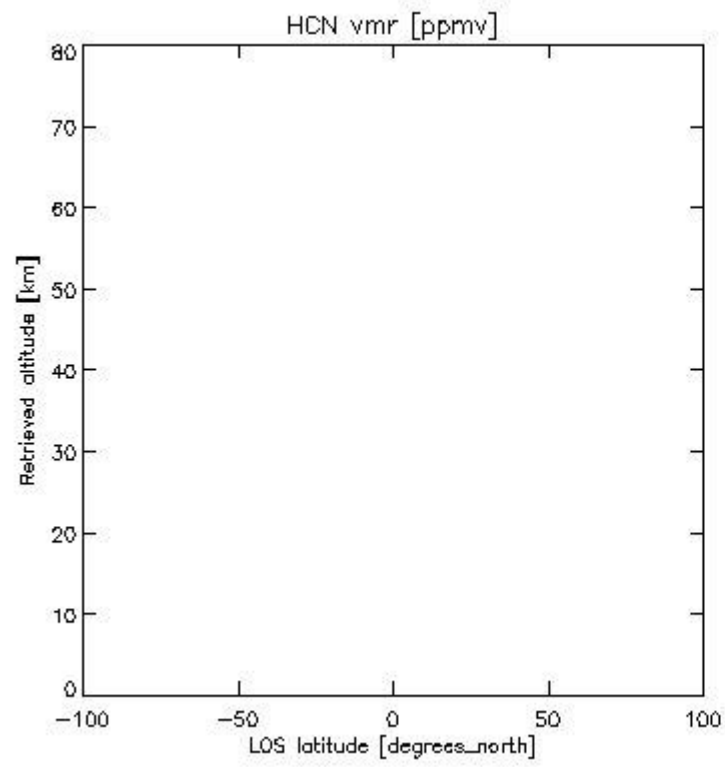


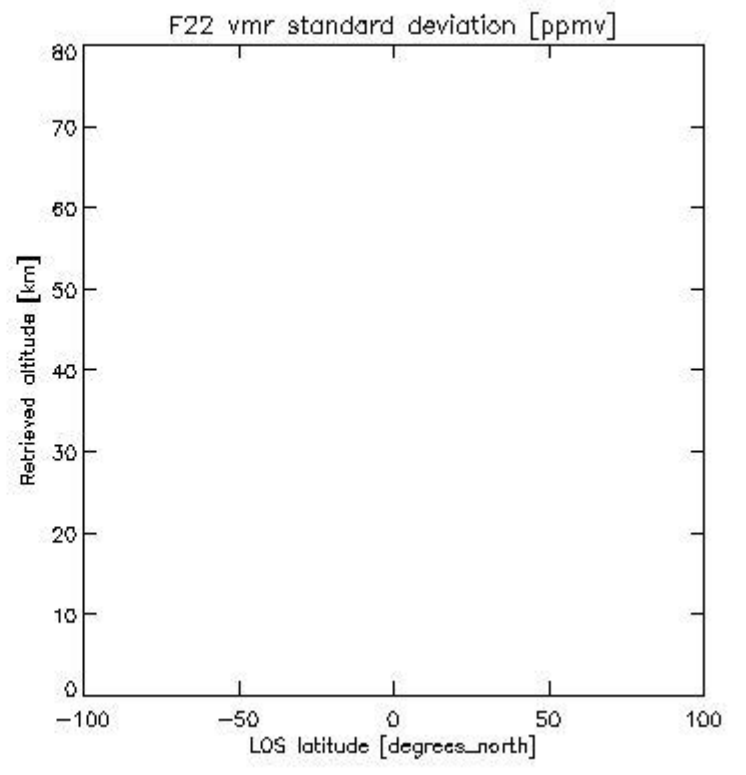
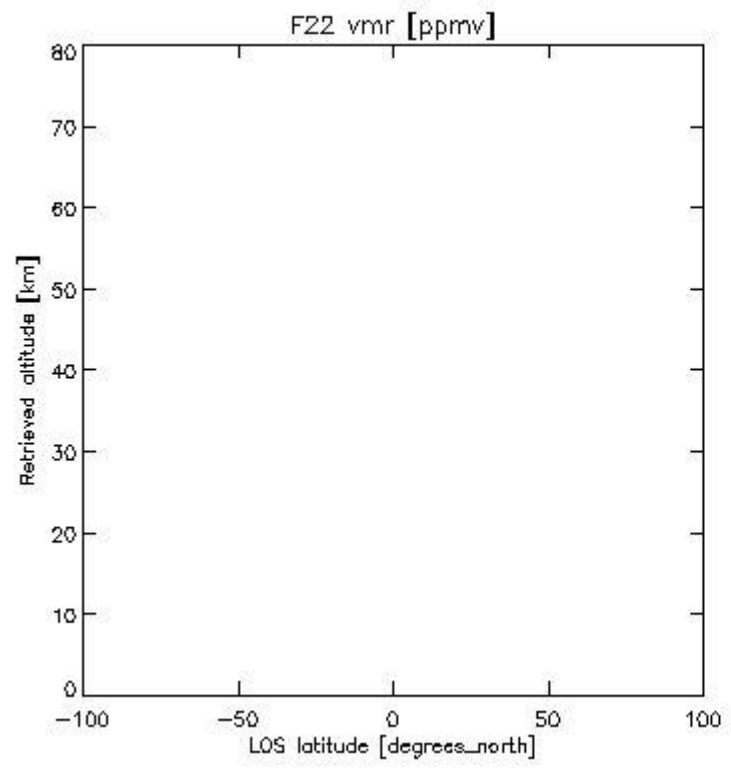
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.











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

