

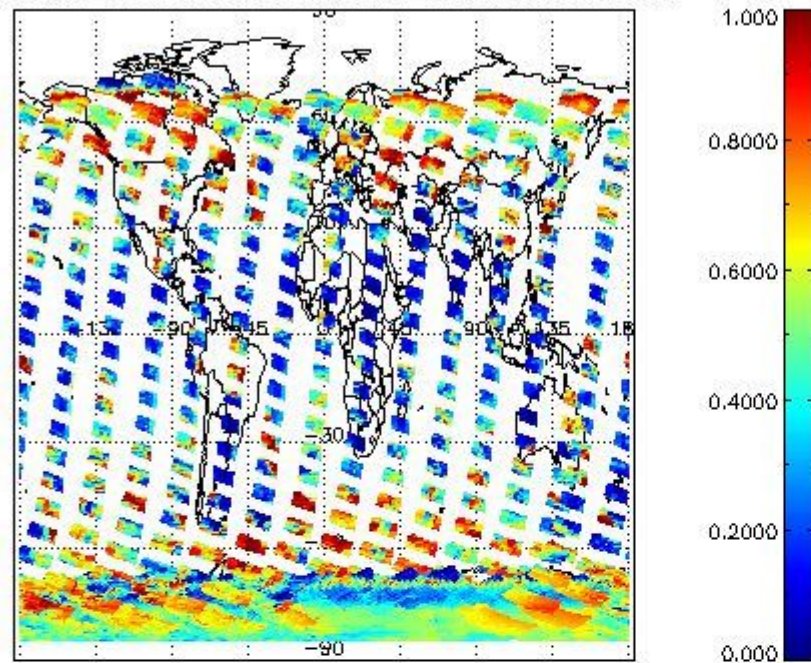
PMD_READ	117140	6.9633	8.0000	4.0000	32.000	2.7798	
PMD_READ_CL[0]	117140	0.30901	0.0000	0.0000	32.000	1.3080	-
PMD_READ_CL[1]	117140	0.24357	0.0000	0.0000	30.000	1.2763	-
CL_TOP_HEIGHT	107668	4.4019	3.3188	0.0000	17.000	3.7724	km
CL_TOP_HEIGHT_ERR	0	---	---	---	---	---	---
CL_OPT_DEPTH	107668	49.126	33.458	0.0000	101.00	38.675	km
CL_OPT_DEPTH_ERR	0	---	---	---	---	---	---
CL_TYPE_FLAGS	117140	11100000	11100000	11100000	11100000	0.0000	flags. Bit definition = 0: low or high cloud; 1: ice or water cloud; 2: thick or thin cloud; 3-15: not used
CLOUD_FLAGS	117140	11000101	11000010	11000000	11100000	2258.9	flags
AERO_ABSO_IND	117140	0.59794	0.37083	-4.2399	12.303	1.1463	
AERO_IND_DIAG	117140	0.0000	0.0000	0.0000	0.0000	0.0000	
AERO_FLAGS	117140	01101001	11000000	00000000	11000000	24463.	flags

Time and geolocation plots:

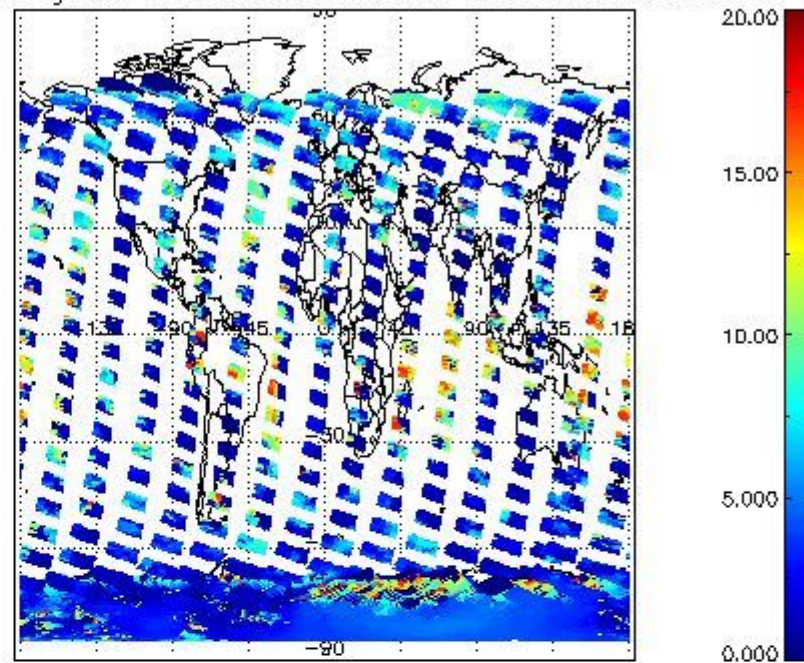
Plots are available for the following parameters:

Number	Data item ID
0	cl_frac
1	cl_top_height
2	cl_opt_depth
3	cloud_flags

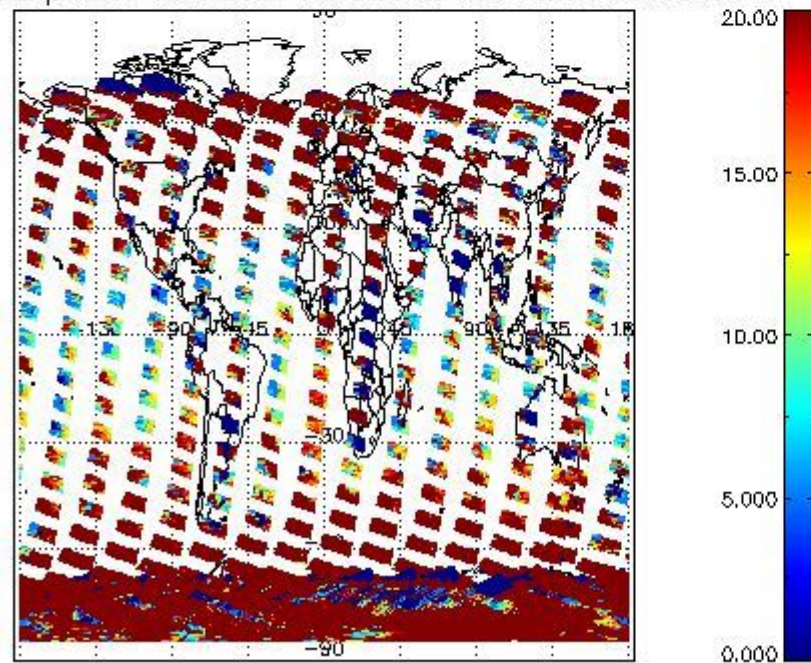
cL_frac for 16JAN2004 00:00:00 to 17JAN2004 00:00:00



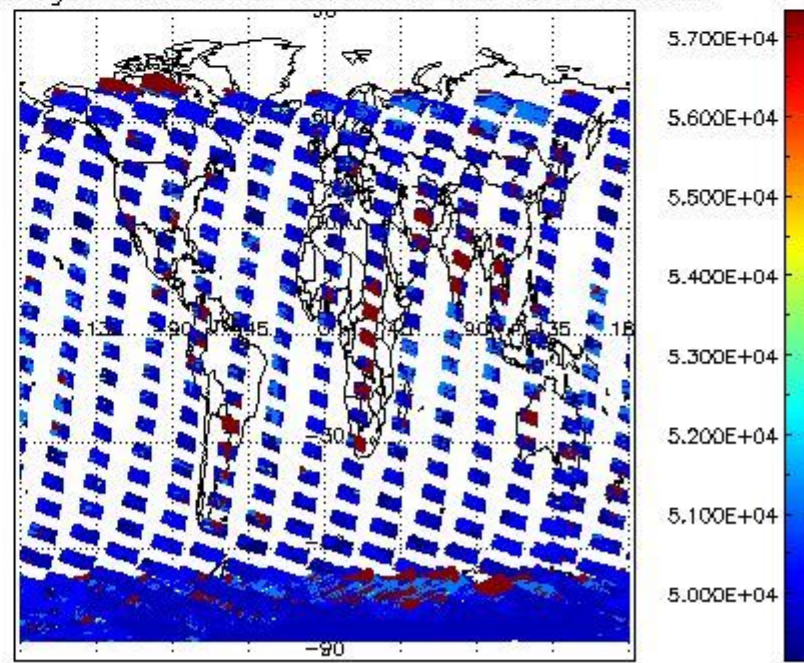
cL_top_height for 16JAN2004 00:00:00 to 17JAN2004 00:00:00



cLopt_depth for 16JAN2004 00:00:00 to 17JAN2004 00:00:00



cloud_flags for 16JAN2004 00:00:00 to 17JAN2004 00:00:00



2.2.2 Nadir

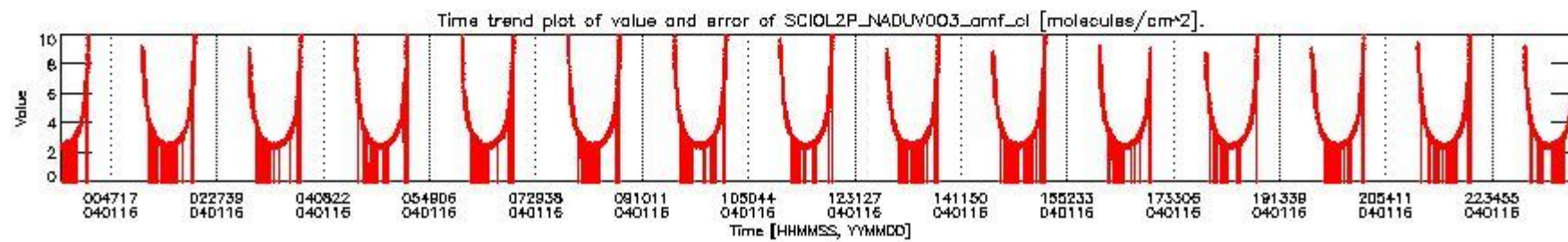
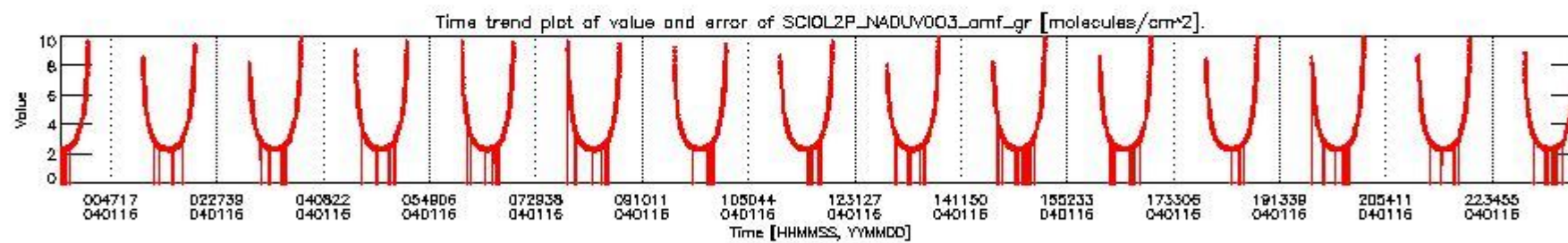
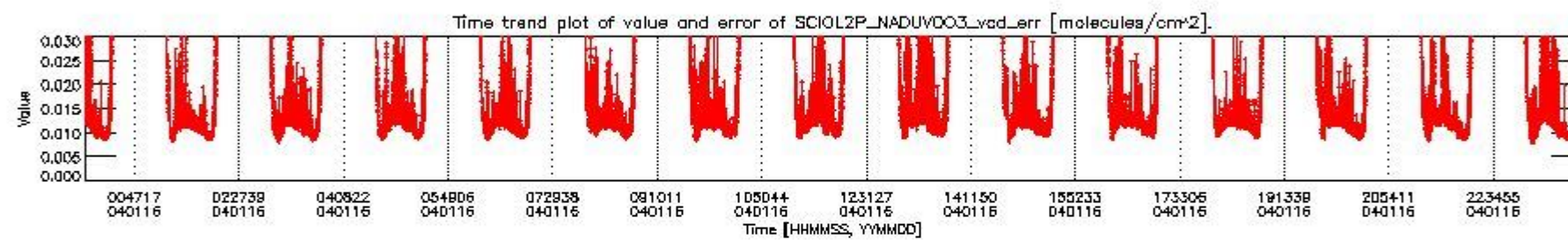
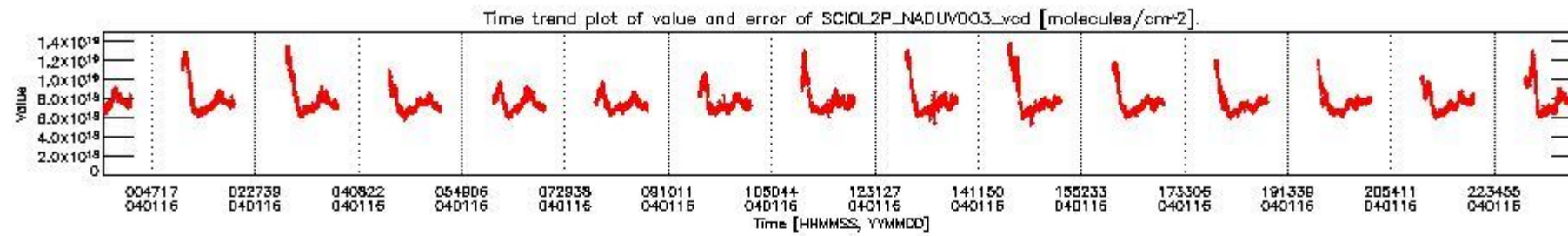
This section shows information about product quality of nadir measurements, in particular the quality of retrieved species.

The following data items are currently included into this section:

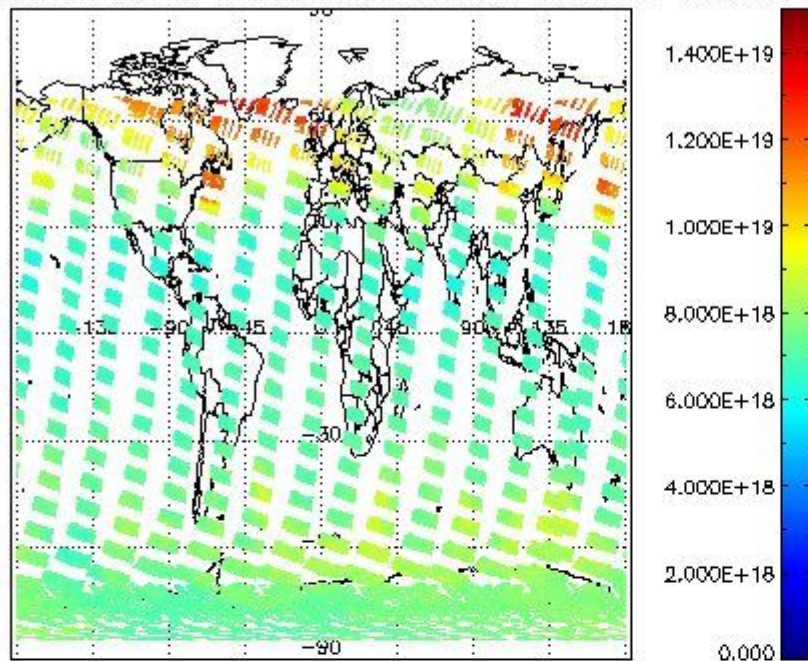
Number	Data item ID
0	SCIOL2P_NADUV003_vcd
1	SCIOL2P_NADUV003_vcd_err
2	SCIOL2P_NADUV003_amf_gr
3	SCIOL2P_NADUV003_amf_cl

4	SCIOL2P_NADUV1NO2_vcd
5	SCIOL2P_NADUV1NO2_vcd_err
6	SCIOL2P_NADUV1NO2_amf_gr
7	SCIOL2P_NADUV1NO2_amf_cl

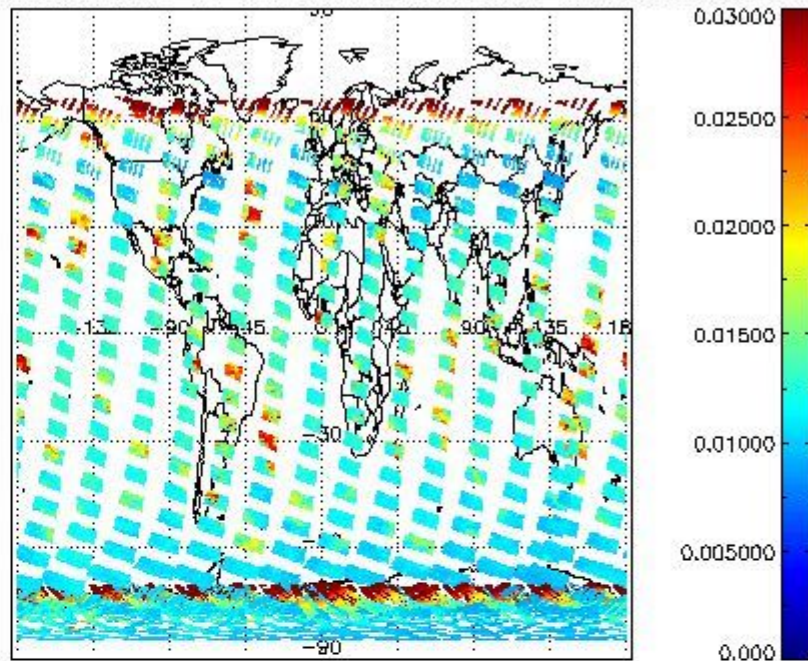
Data is presented both in time trend plots and world map plots, in order to show variations with time and geolocation. The vertical dotted lines in the time trend plots indicate orbits. The orbit times on the X-axis are estimated sensing_start time as suggested by the product sensing_start time in the MPH.



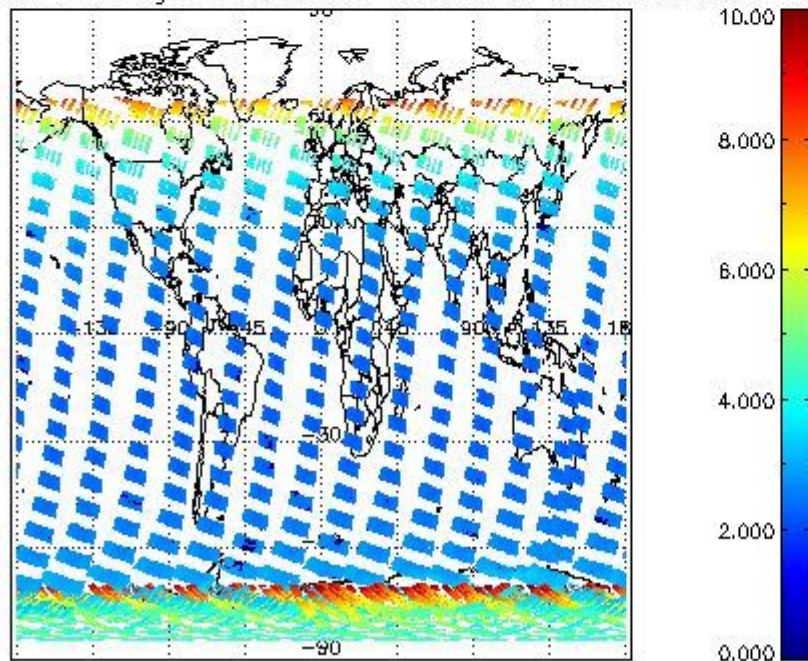
SCIOL2P_NADUV003_vcd for 16JAN2004 00:00:00 to 17JAN2004 00:00:00



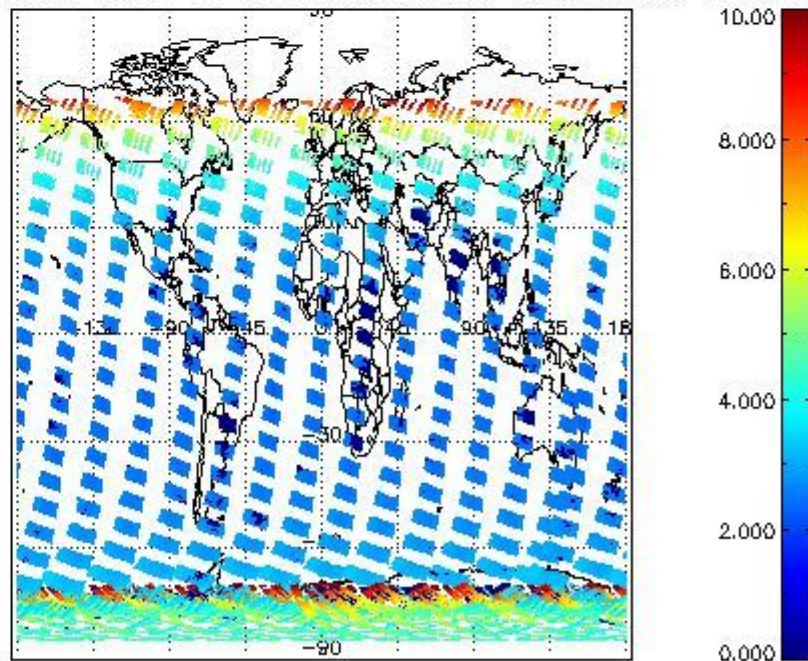
SCIOL2P_NADUV003_vcd_err for 16JAN2004 00:00:00 to 17JAN2004 00:00:00

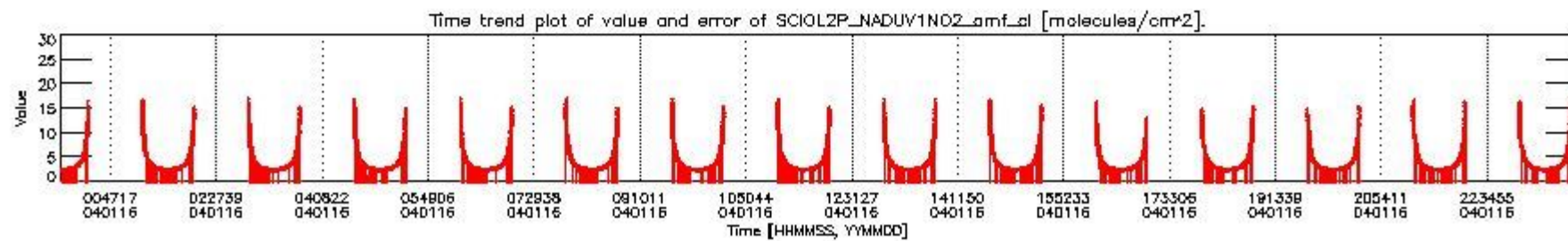
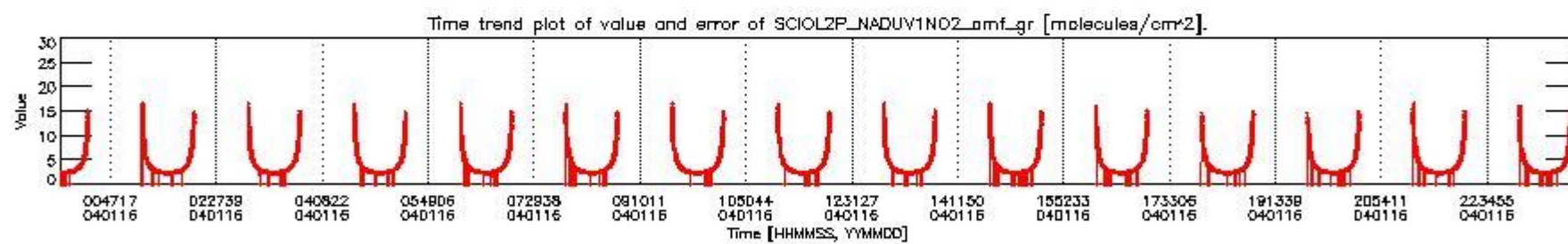
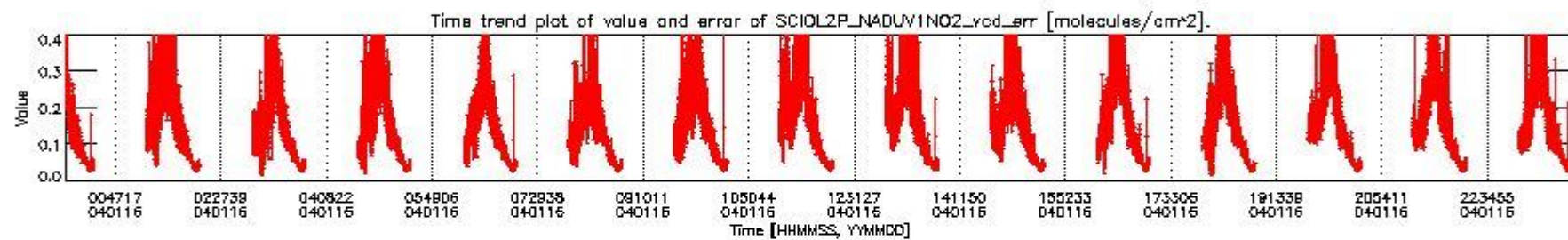
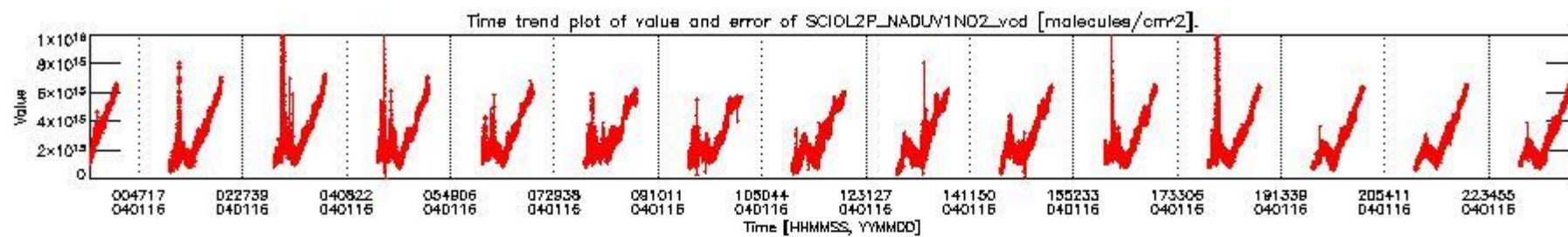


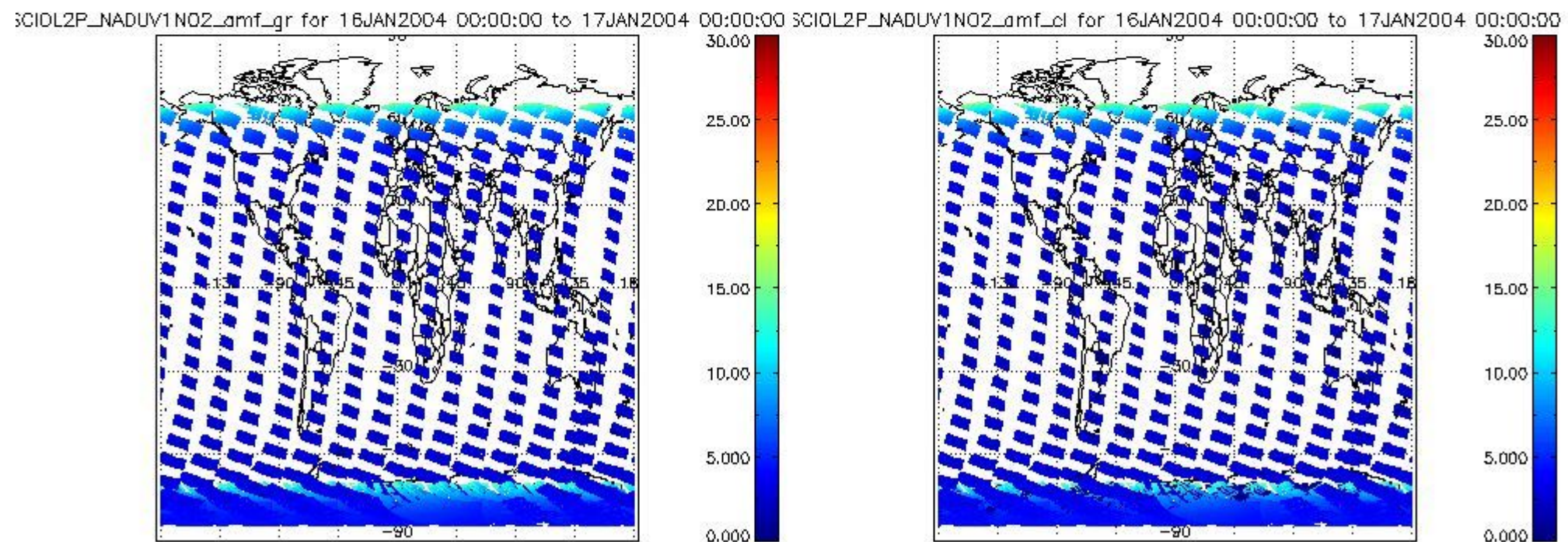
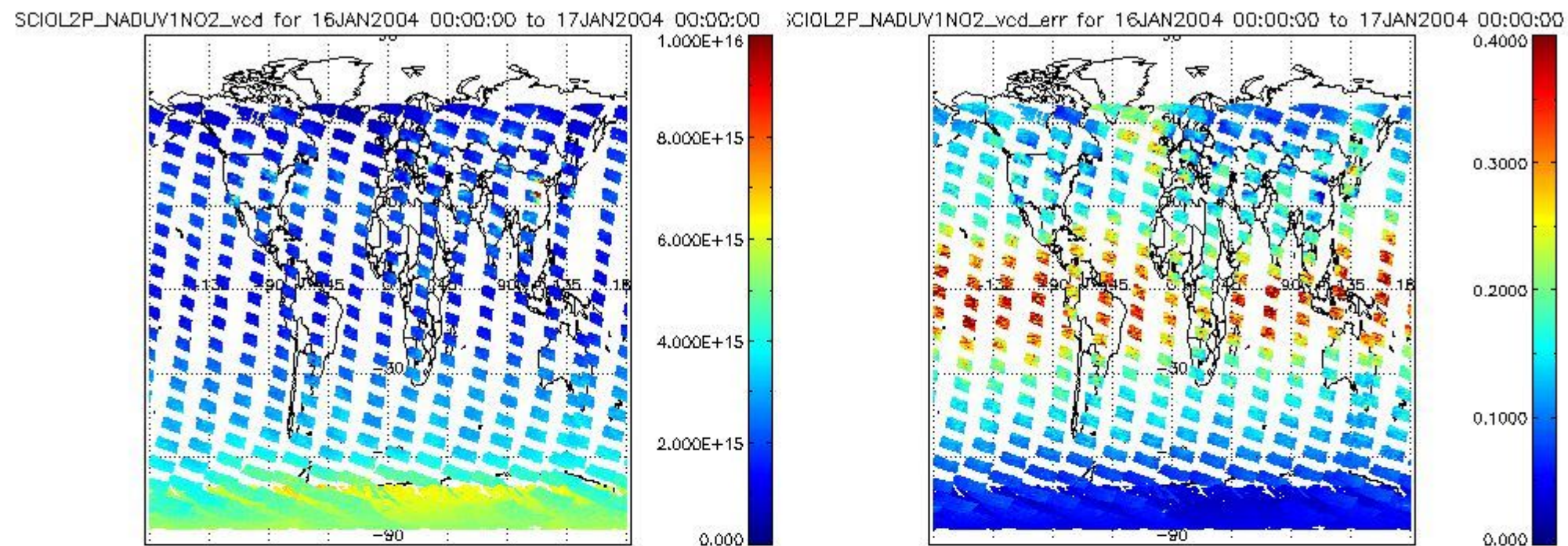
SCIOL2P_NADUV003_amf_gr for 16JAN2004 00:00:00 to 17JAN2004 00:00:00



SCIOL2P_NADUV003_amf_cl for 16JAN2004 00:00:00 to 17JAN2004 00:00:00







2.2.3 Limb

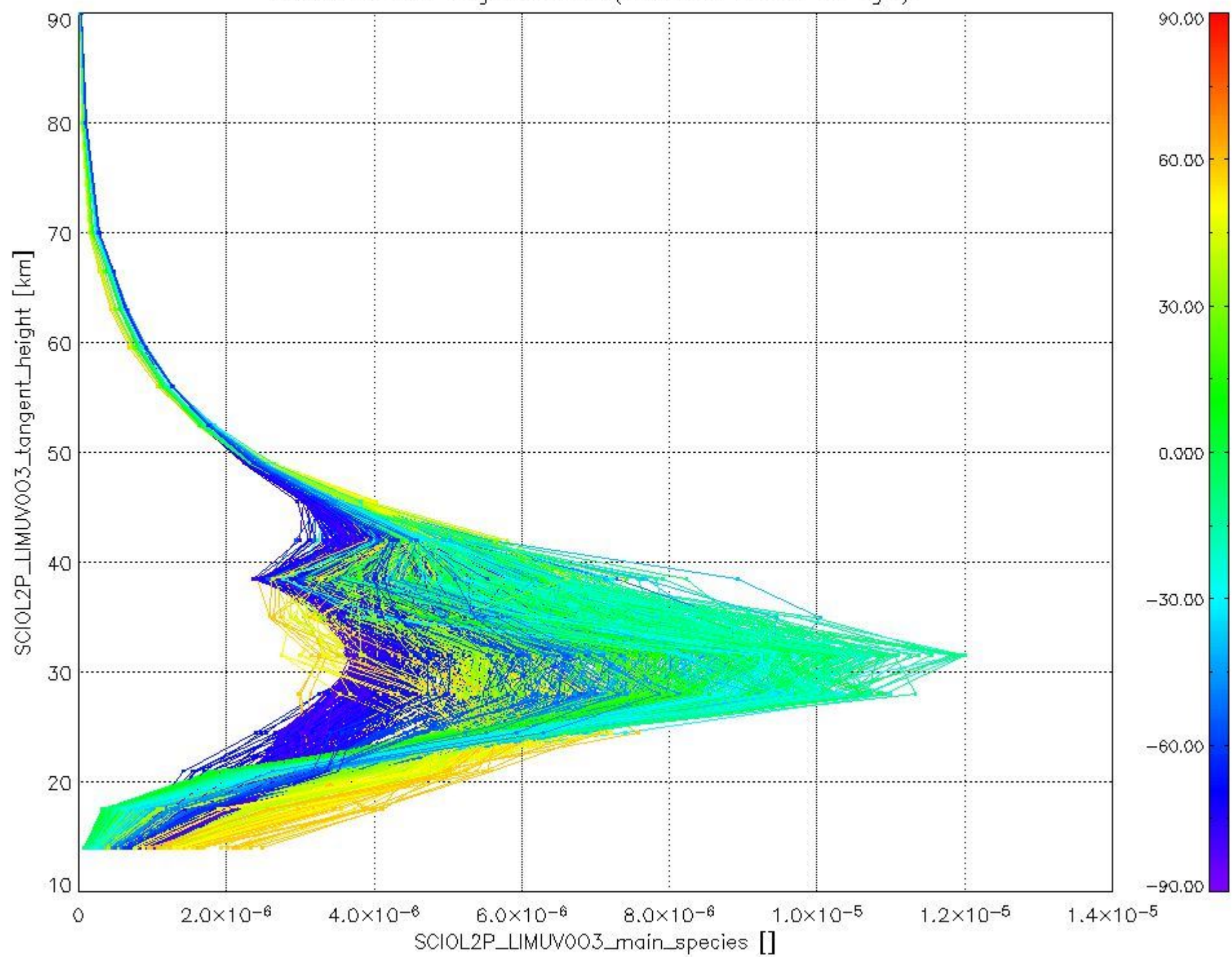
This section shows information about product quality of the limb retrievals, in particular the quality of retrieved species.

The following data items are currently included into this section:

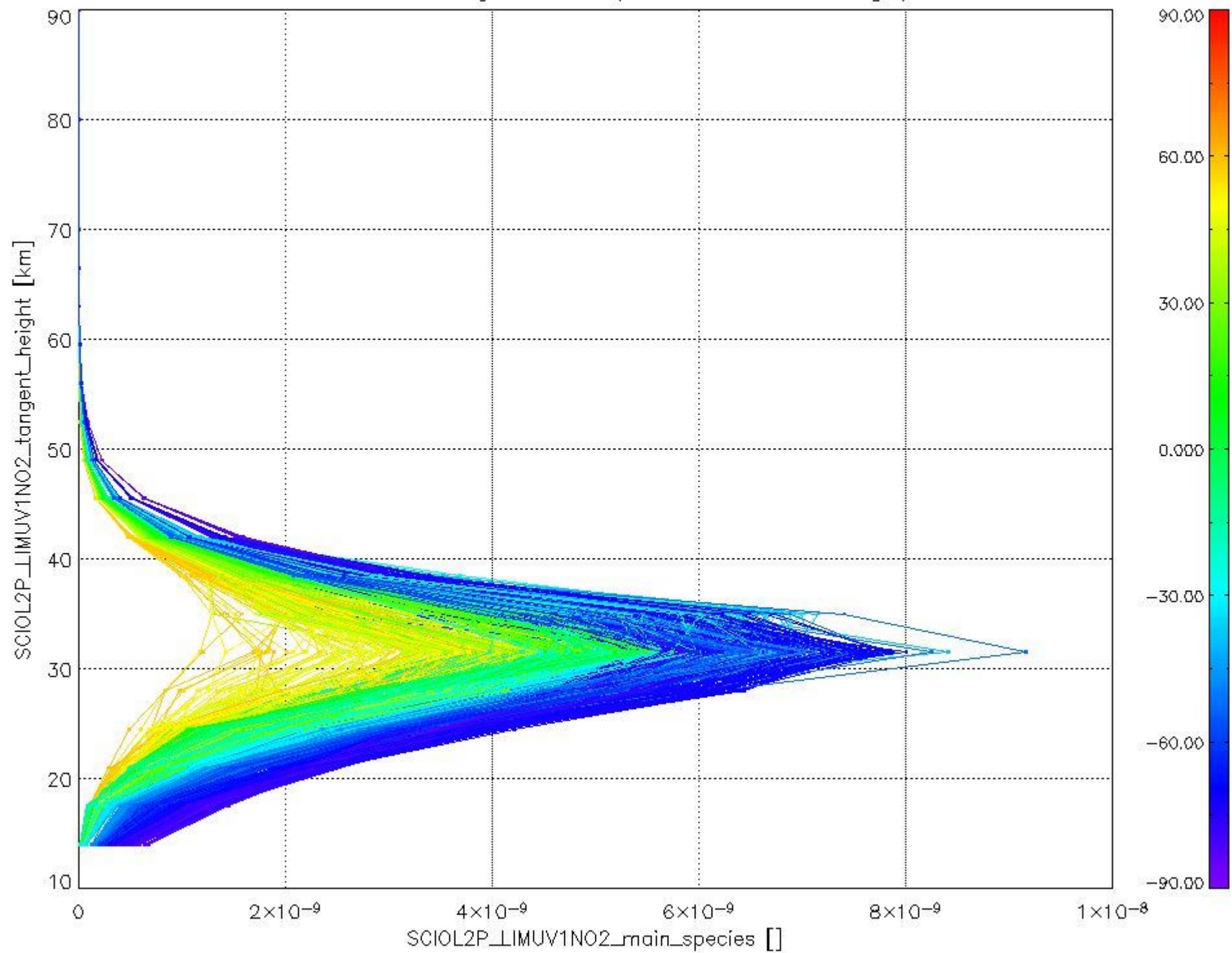
Number	Data item ID
0	SCIOL2PLIMUV003_main_species
1	SCIOL2PLIMUV1NO2_main_species

The following plots shows for each species the tangent volume mixing ratio vs. tangent height. Colours indicate tangent latitude.

Plot of SCIOL2P_LIMUV003_main_species.tang_vmr vs. tangent height.
 Colours indicate tangent latitude (see colour bar on the right).



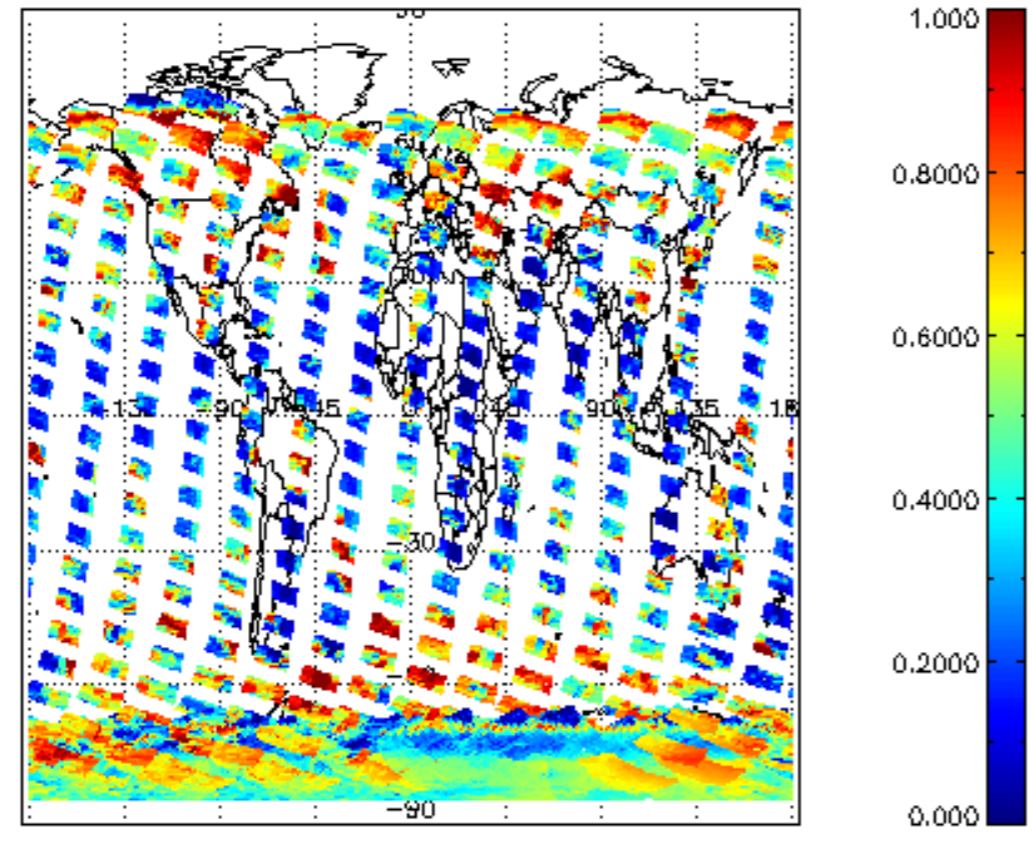
Plot of SCIOL2P_LIMUV1NO2_main_species.tang_vmr vs. tangent height.
Colours indicate tangent latitude (see colour bar on the right).



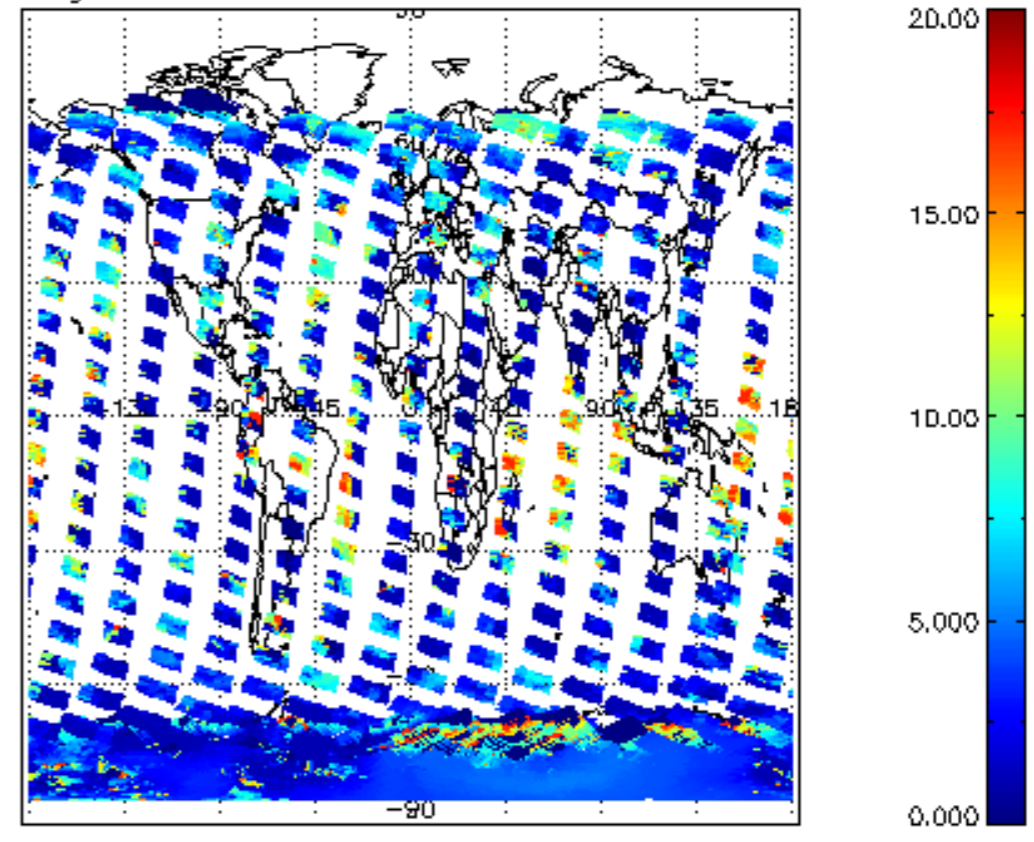
2.3 ADF monitoring

Number	ADF
	IN_ (INITIALISATION_FILE)
0	SCI_IN_AXNPDE20070629_092400_20070720_000000_20991231_235959
	ECF (ECMWF_FILE)
1	NOT USED

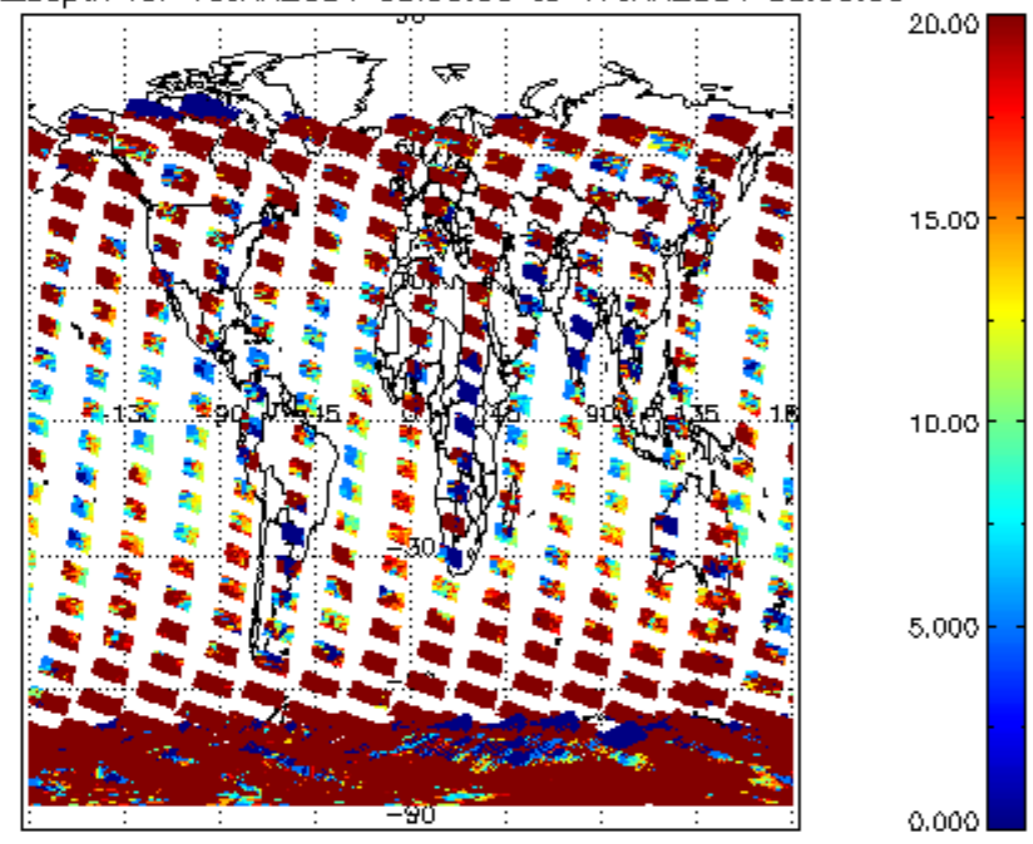
cL_frac for 16JAN2004 00:00:00 to 17JAN2004 00:00:00



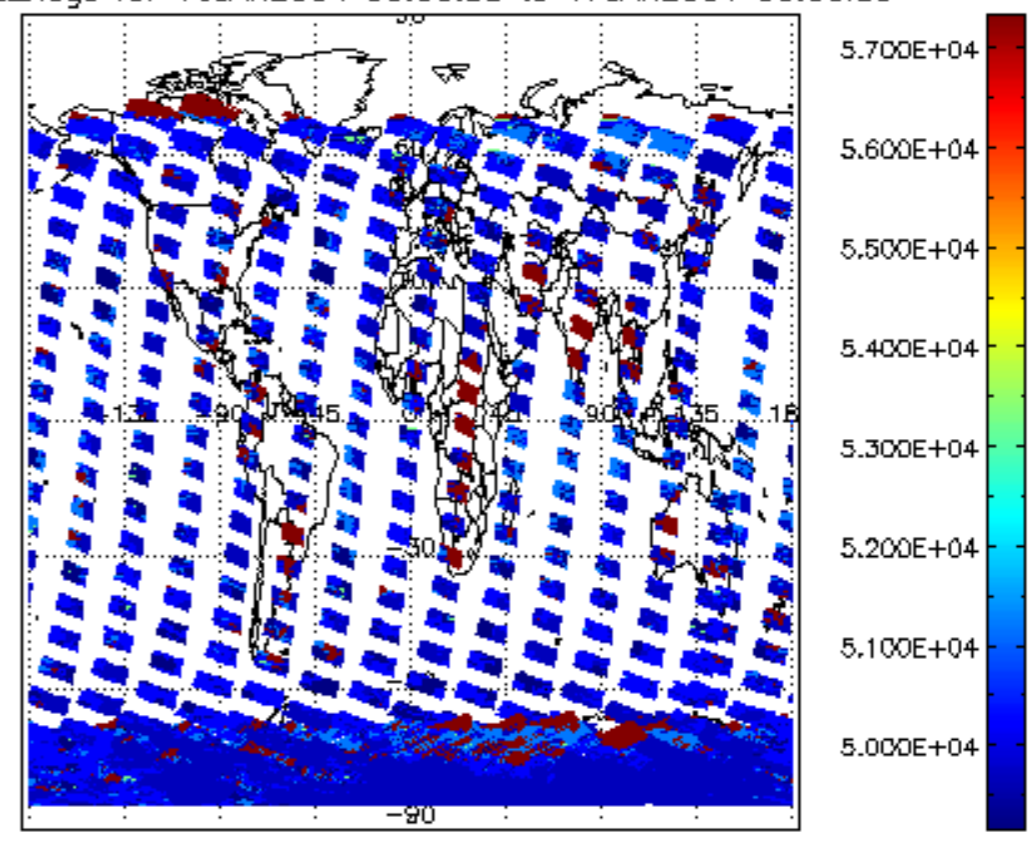
cL_top_height for 16JAN2004 00:00:00 to 17JAN2004 00:00:00

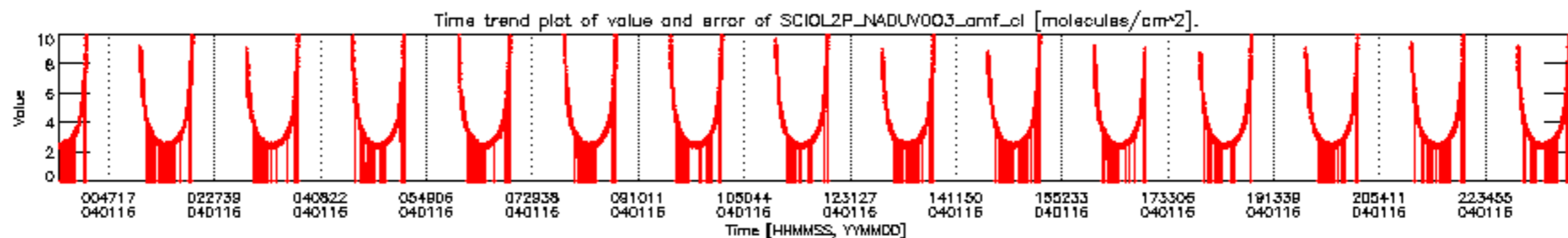
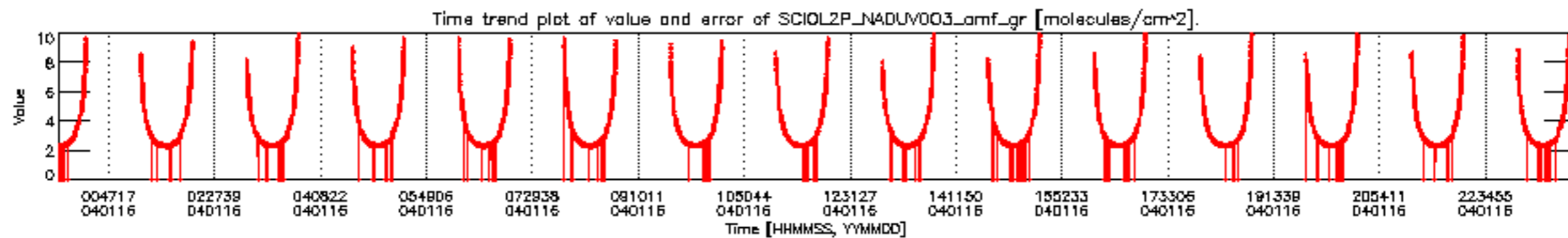
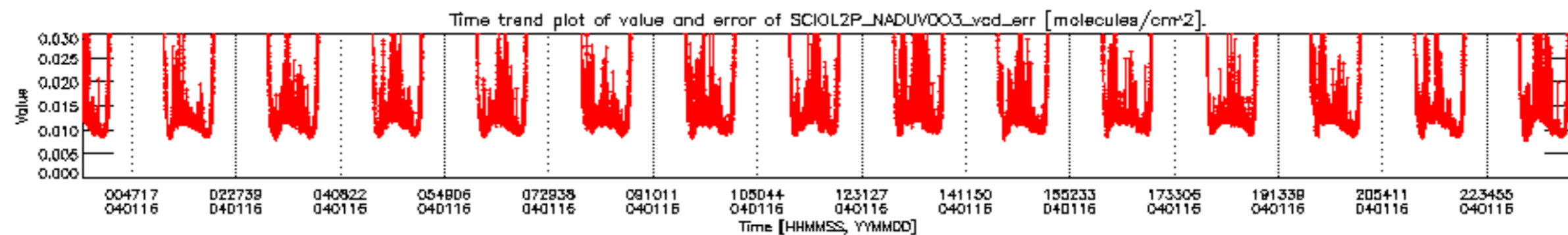
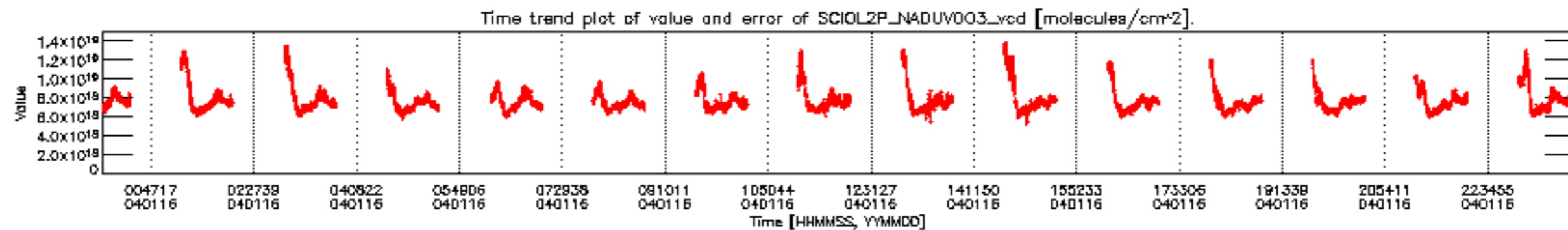


cL_opt_depth for 16JAN2004 00:00:00 to 17JAN2004 00:00:00

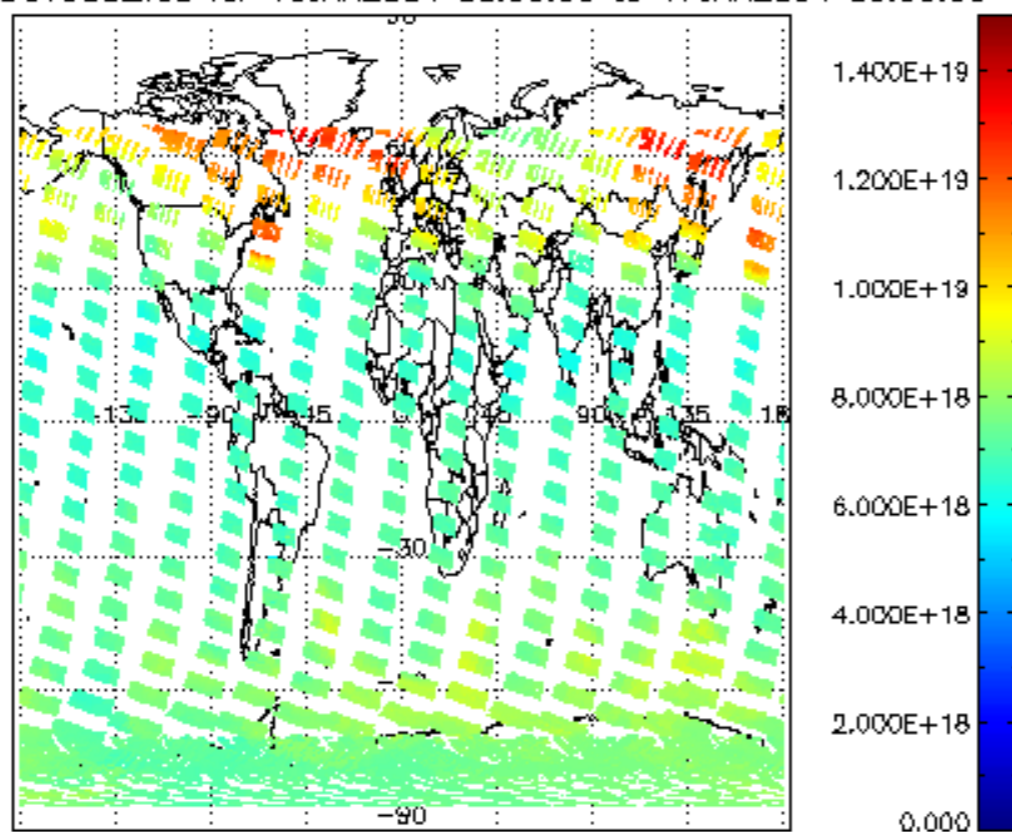


cloud_flags for 16JAN2004 00:00:00 to 17JAN2004 00:00:00

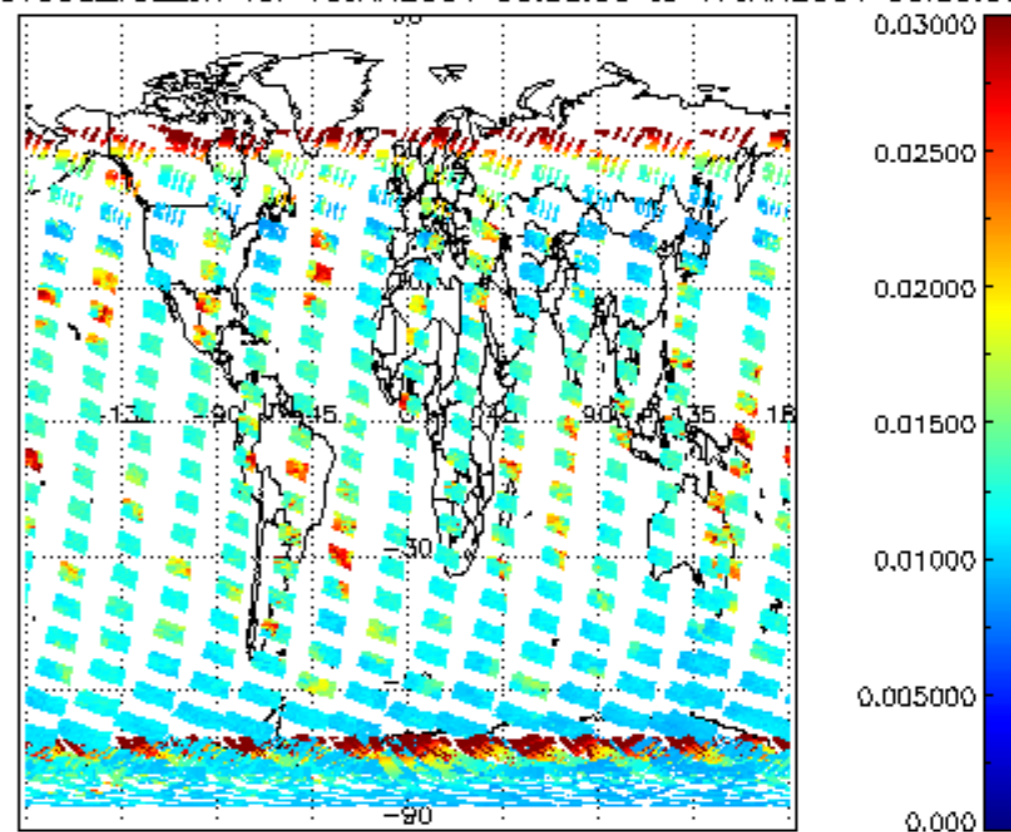




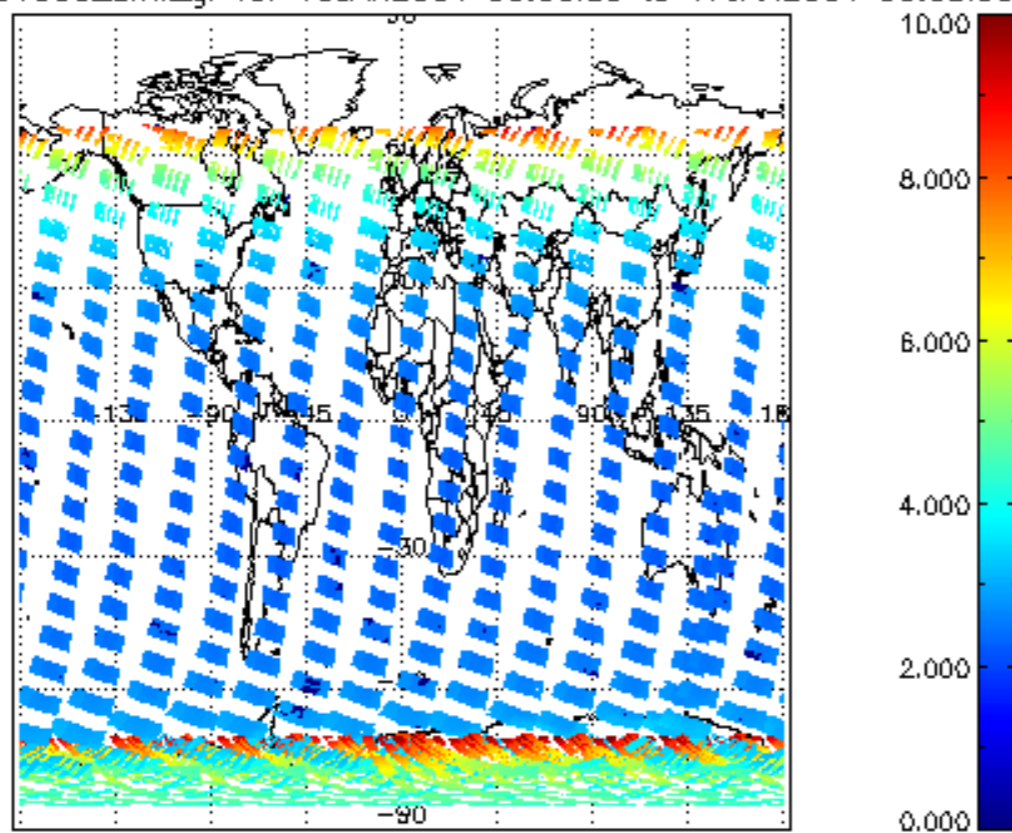
SCIOL2P_NADUV003_vcd for 16JAN2004 00:00:00 to 17JAN2004 00:00:00



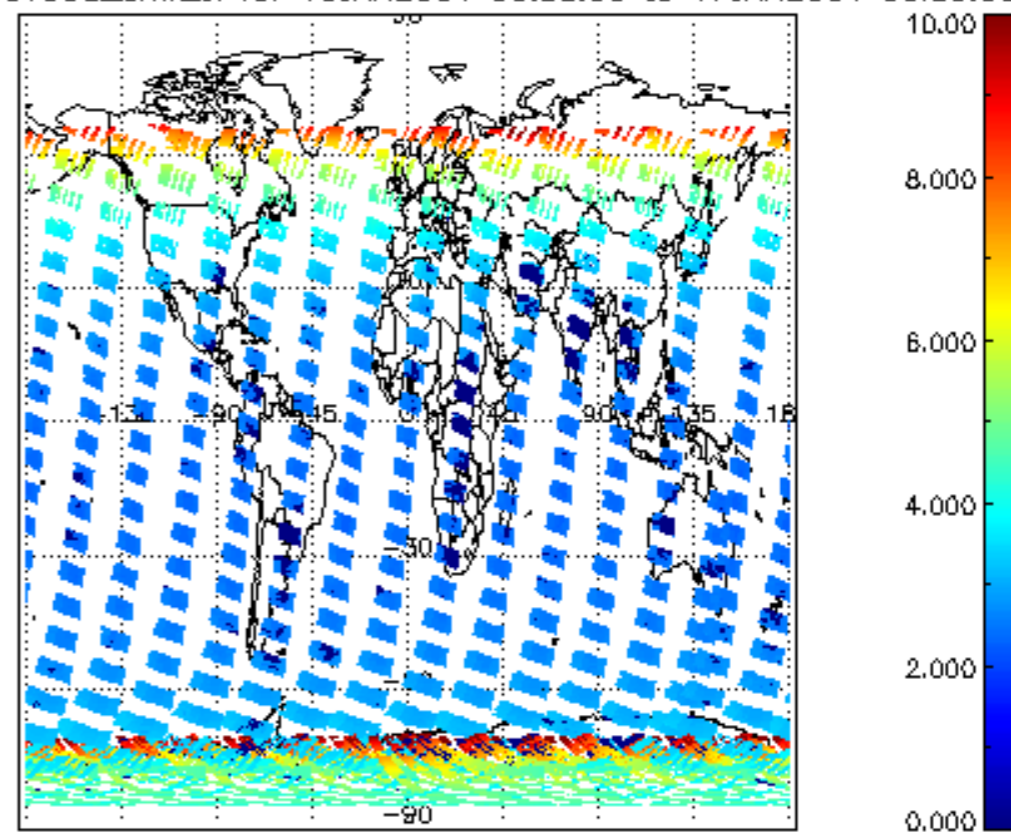
SCIOL2P_NADUV003_vcd_err for 16JAN2004 00:00:00 to 17JAN2004 00:00:00

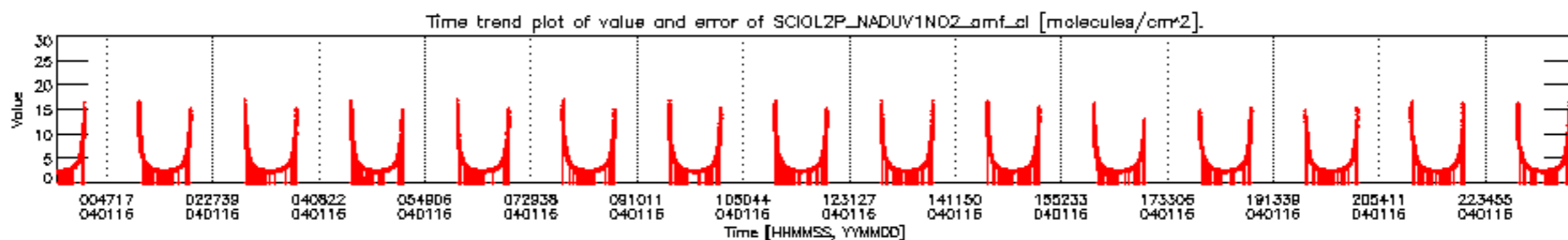
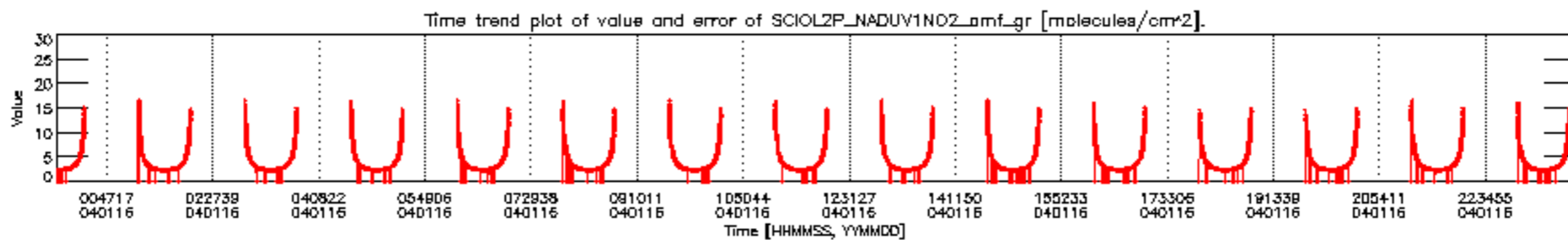
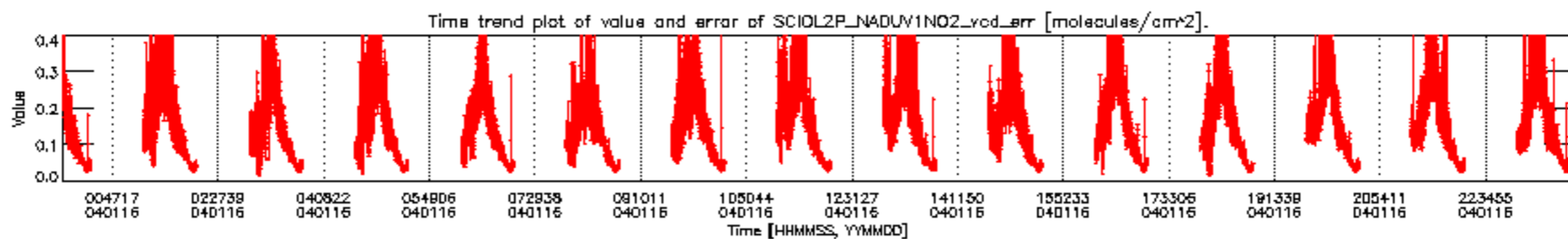
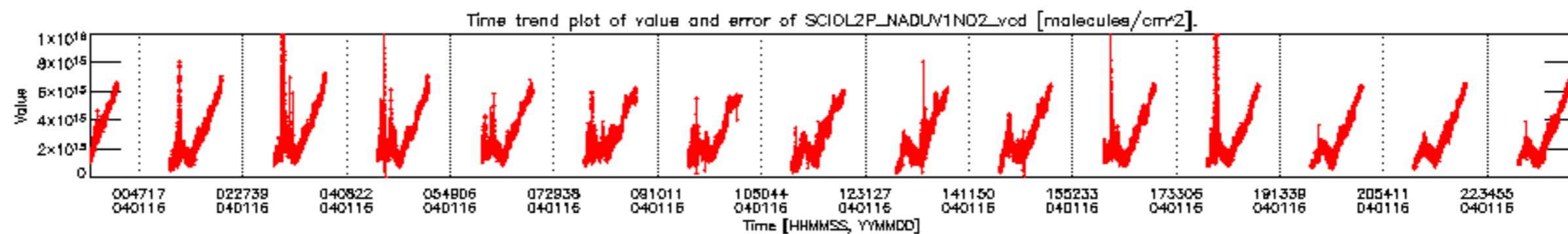


SCIOL2P_NADUV003_amf_gr for 16JAN2004 00:00:00 to 17JAN2004 00:00:00

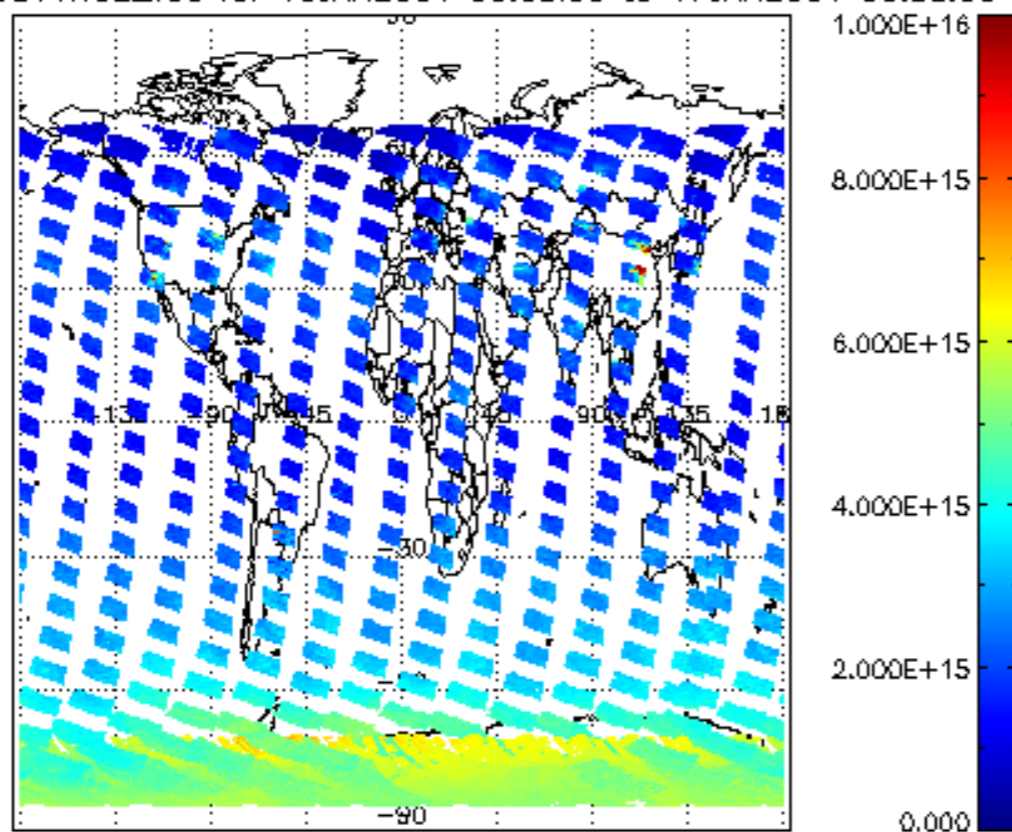


SCIOL2P_NADUV003_amf_cl for 16JAN2004 00:00:00 to 17JAN2004 00:00:00

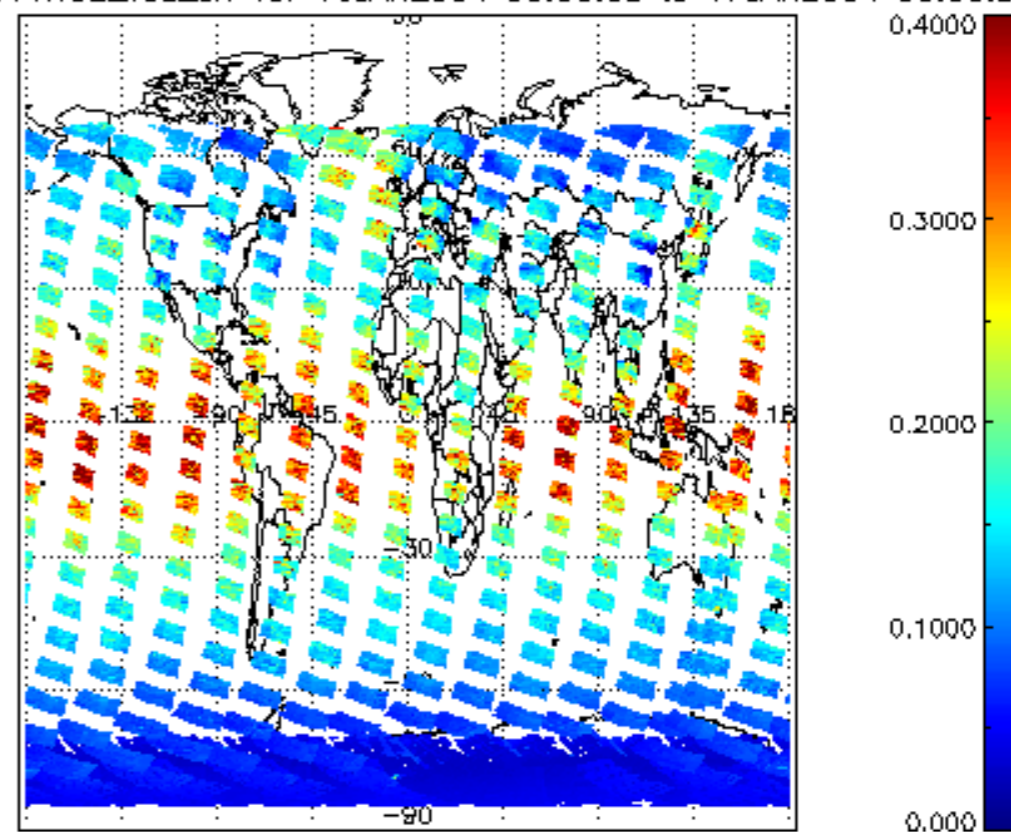




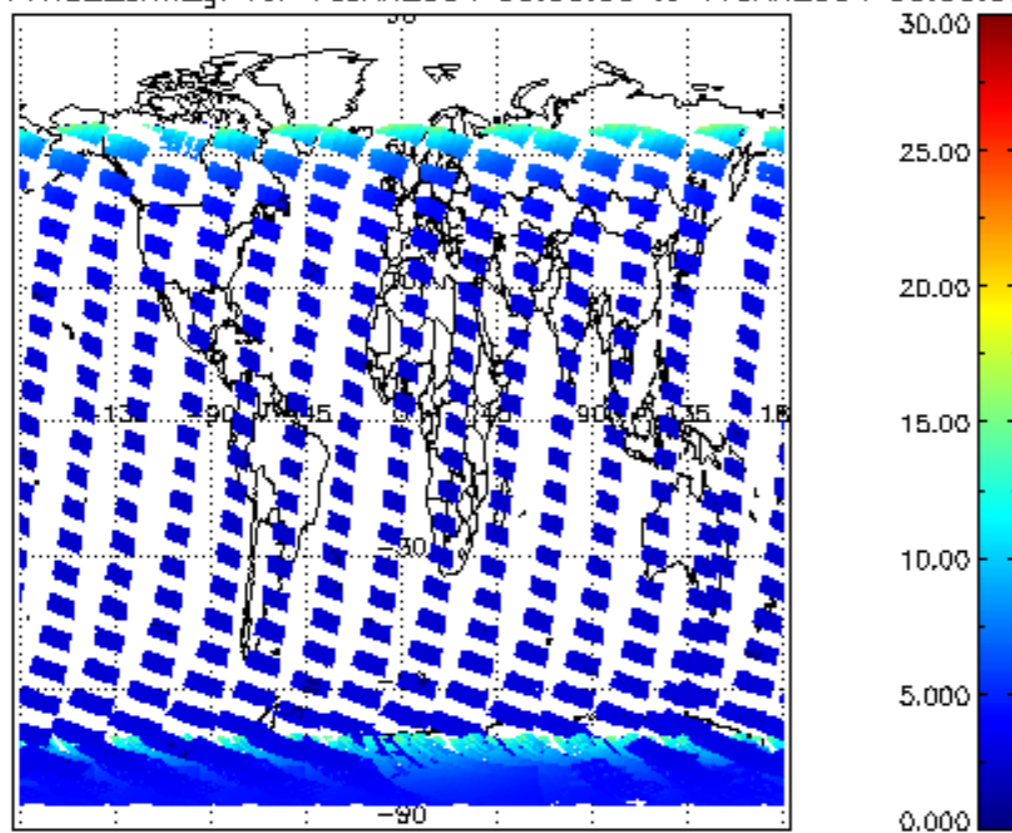
SCIOL2P_NADUV1NO2_vcd for 16JAN2004 00:00:00 to 17JAN2004 00:00:00



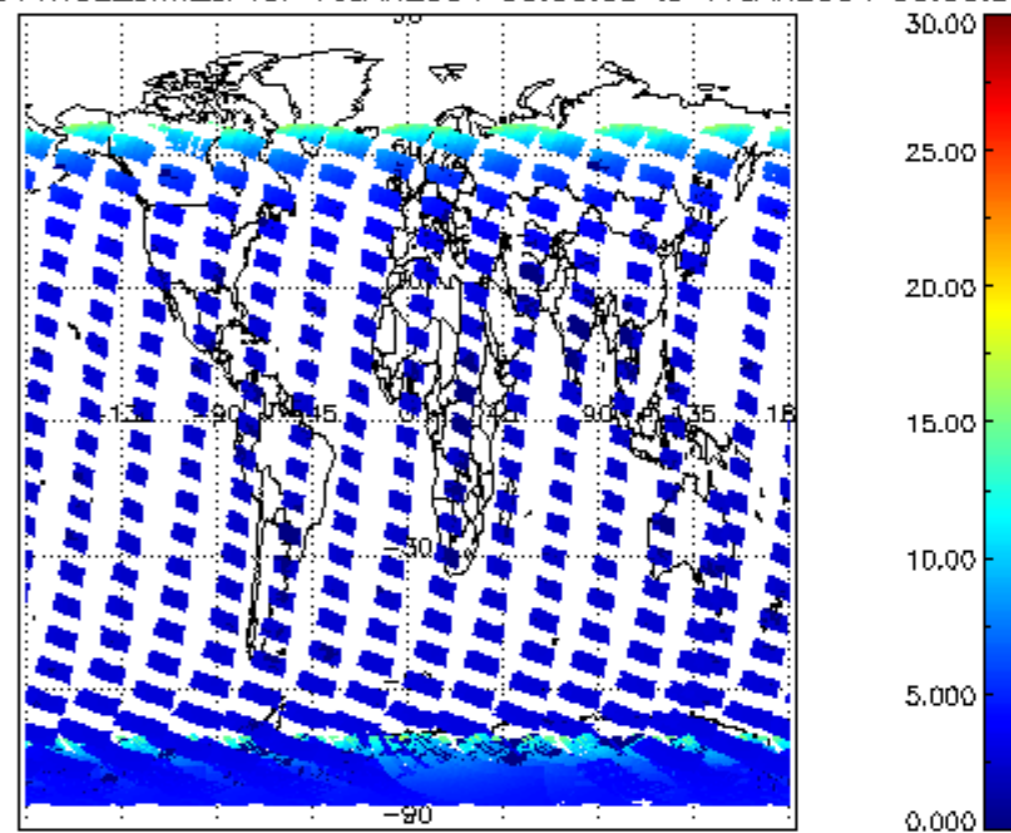
SCIOL2P_NADUV1NO2_vcd_err for 16JAN2004 00:00:00 to 17JAN2004 00:00:00



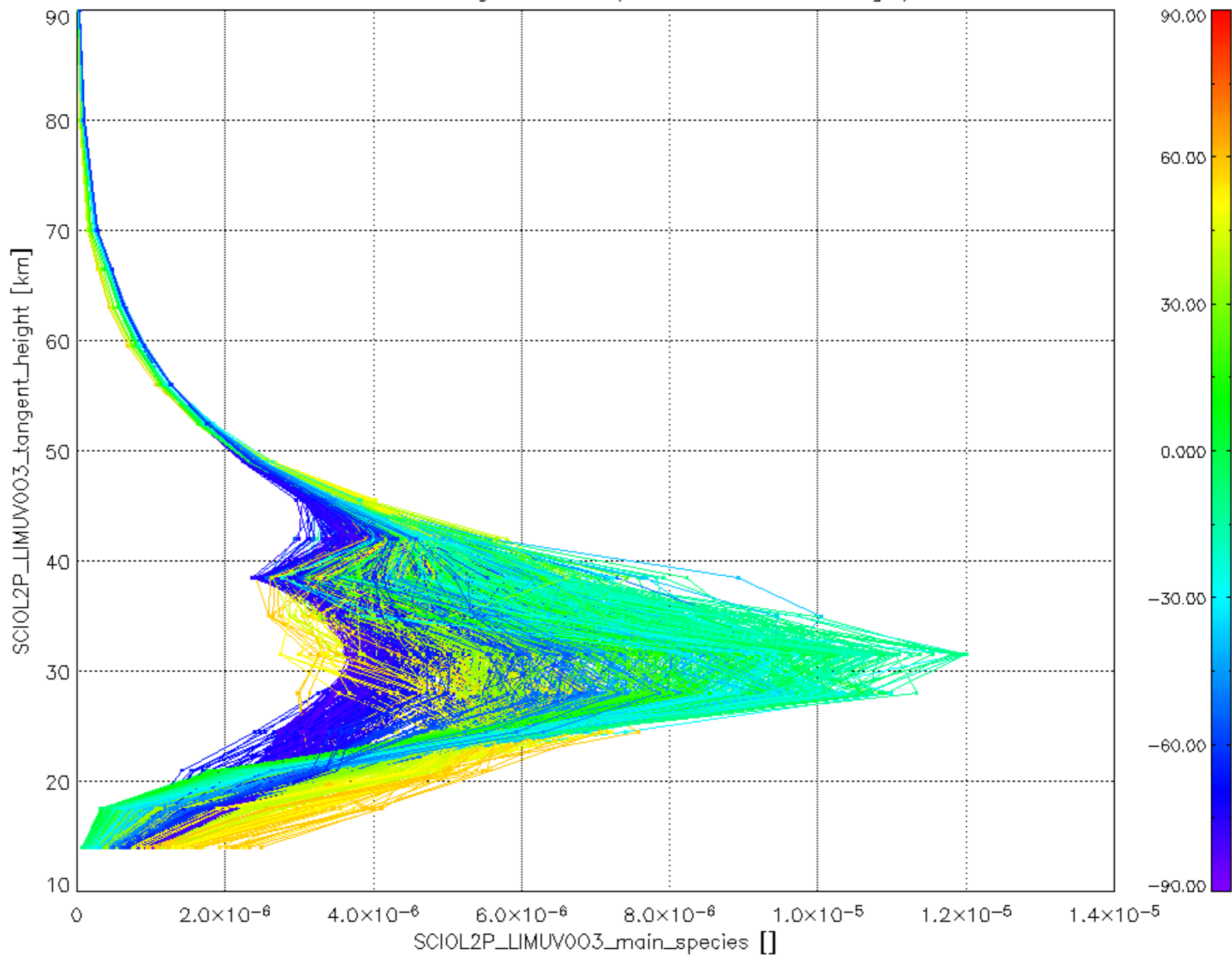
SCIOL2P_NADUV1NO2_amf_gr for 16JAN2004 00:00:00 to 17JAN2004 00:00:00



SCIOL2P_NADUV1NO2_amf_cl for 16JAN2004 00:00:00 to 17JAN2004 00:00:00



Plot of SCIOL2P_LIMUV003_main_species.tang_vmr vs. tangent height.
 Colours indicate tangent latitude (see colour bar on the right).



Plot of SCIOL2P_LIMUV1NO2_main_species.tang_vmr vs. tangent height.
 Colours indicate tangent latitude (see colour bar on the right).

