



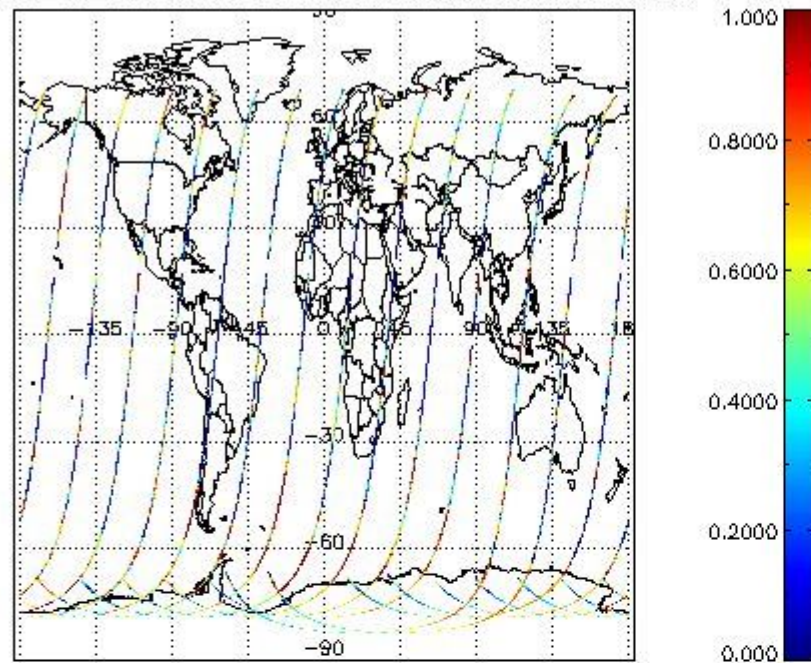
PMD_READ	156260	8.0000	8.0000	8.0000	8.0000	0.0000	
PMD_READ_CL[0]	156260	0.52237	0.0000	0.0000	8.0000	1.9664	-
PMD_READ_CL[1]	156260	0.57139	0.0000	0.0000	8.0000	2.0466	-
CL_TOP_HEIGHT	139327	4.4852	2.8432	0.0000	17.000	4.3385	km
CL_TOP_HEIGHT_ERR	0	---	---	---	---	---	---
CL_OPT_DEPTH	139327	44.127	27.594	0.0000	101.00	38.084	km
CL_OPT_DEPTH_ERR	0	---	---	---	---	---	---
CL_TYPE_FLAGS	156260	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	156260	11001000	11000100	11000000	11100000	2897.5	flags
AERO_ABSO_IND	156260	0.19128	0.0000	-3.8614	7.7026	1.0691	
AERO_IND_DIAG	156260	0.0000	0.0000	0.0000	0.0000	0.0000	
AERO_FLAGS	156260	10100101	11000000	00000000	11000000	17045.	flags

Time and geolocation plots:

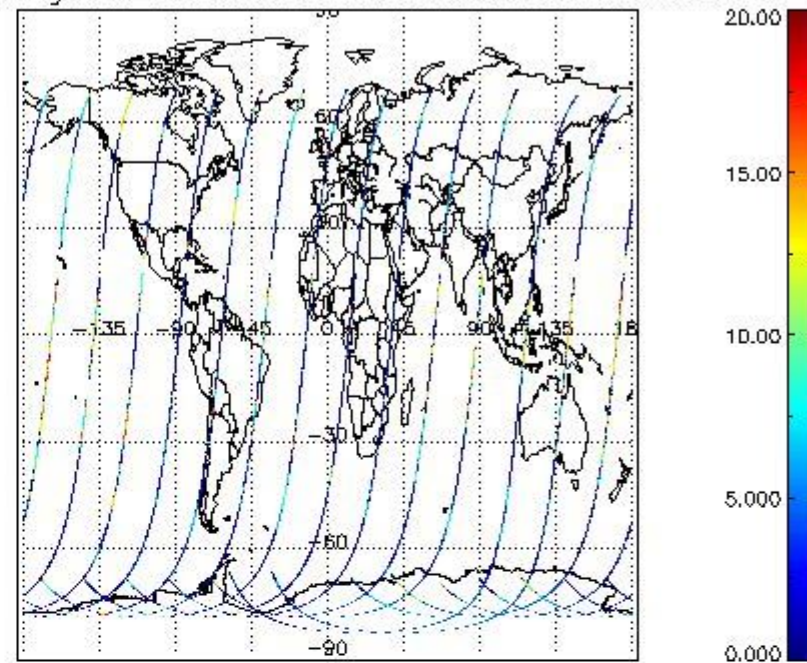
Plots are available for the following parameters:

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

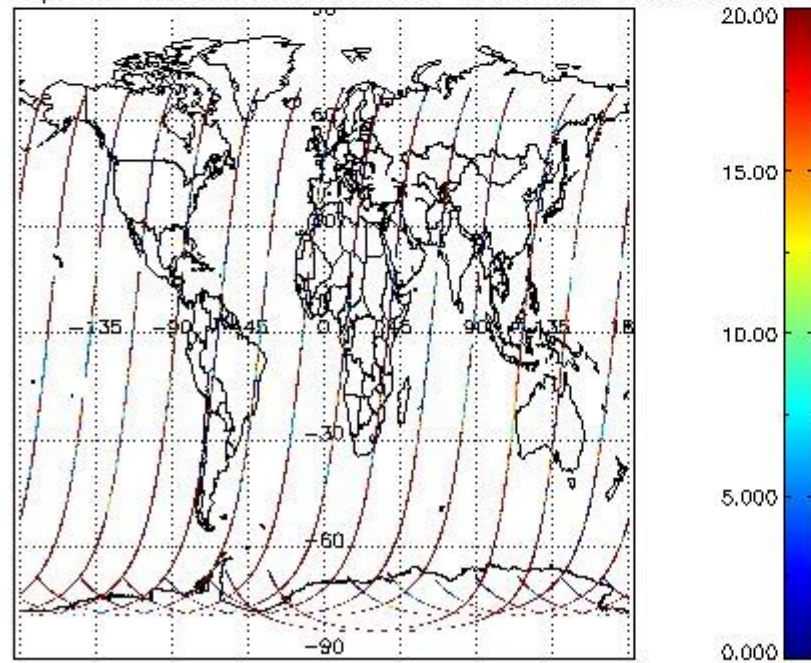
cLfrac for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



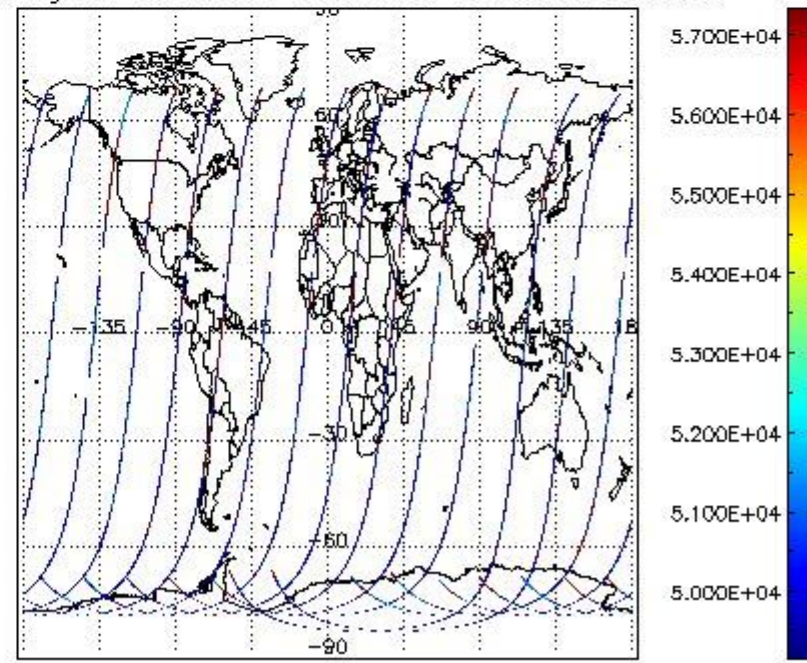
cL\_top\_height for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



cL\_opt\_depth for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



cloud\_flags for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



### 2.2.2 Nadir

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

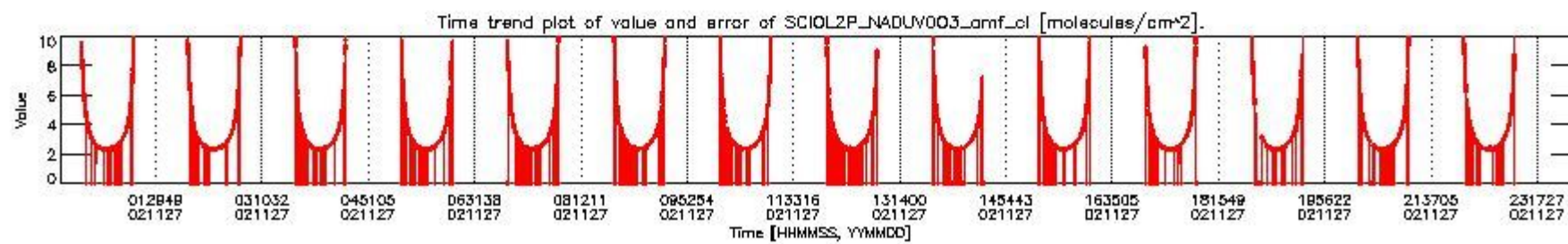
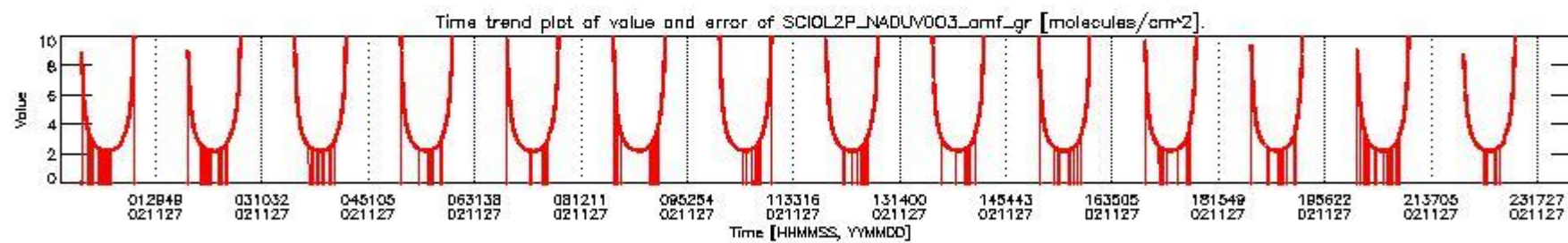
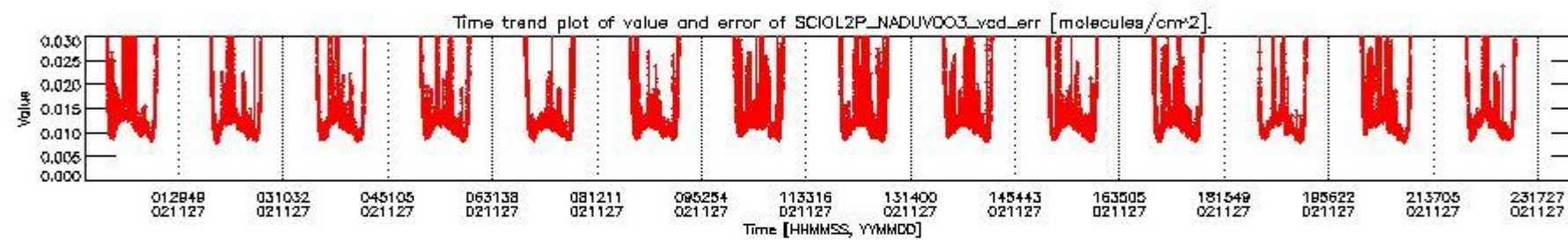
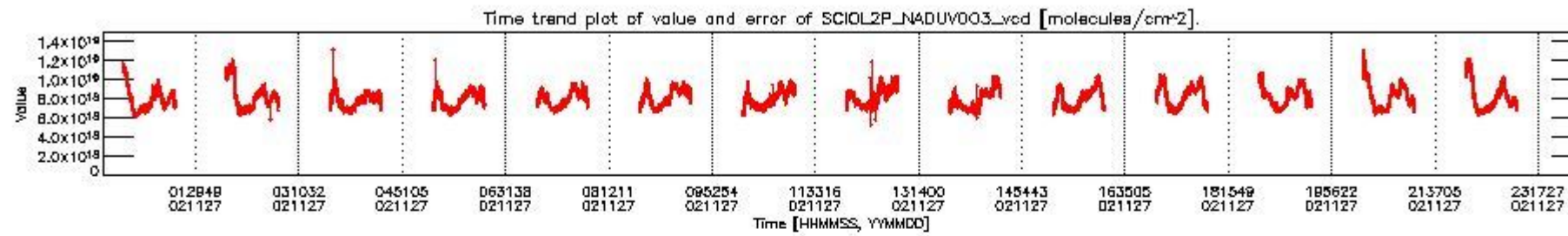
The following data items are currently included into this section:

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



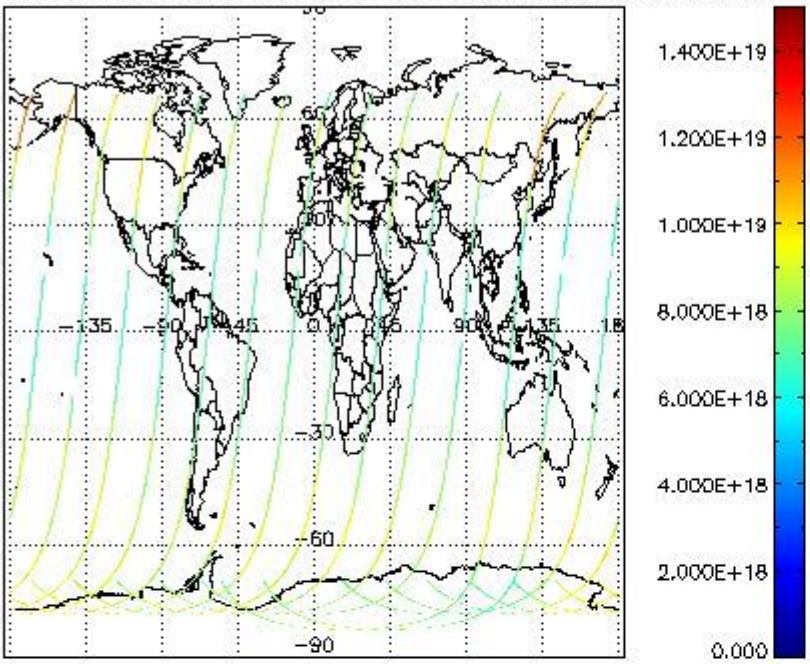
4	SCIOL2P_NADUV1NO2_vcd
5	SCIOL2P_NADUV1NO2_vcd_err
6	SCIOL2P_NADUV1NO2_amf_gr
7	SCIOL2P_NADUV1NO2_amf_cl

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.

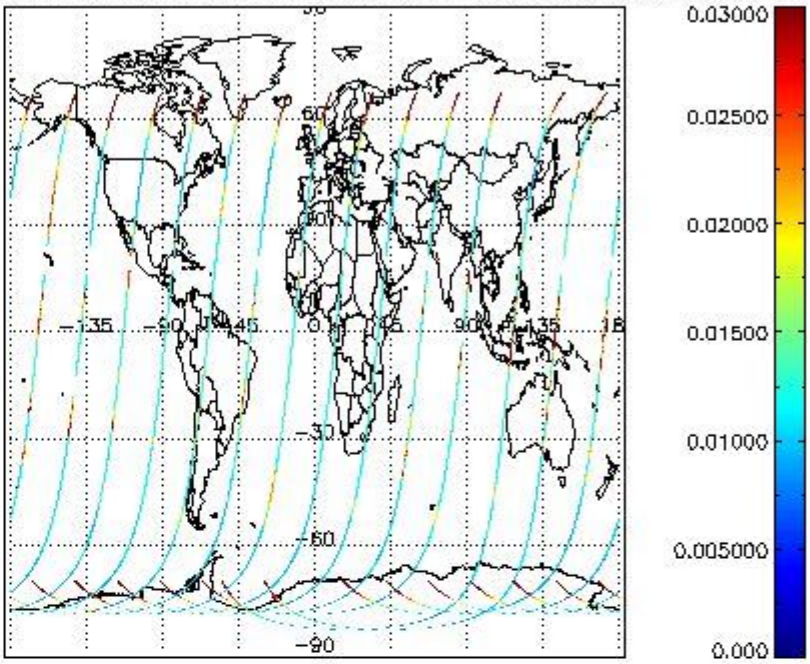




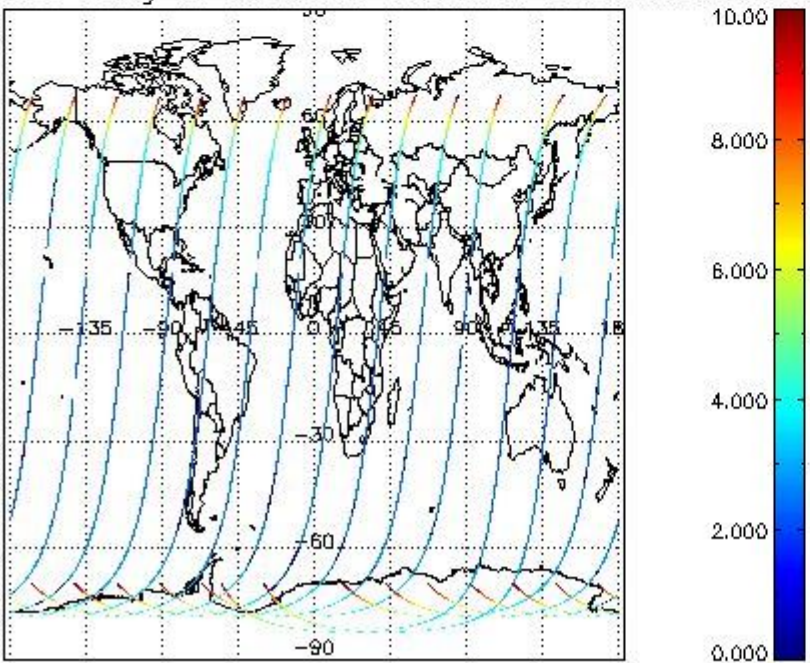
SCIOL2P\_NADUV003\_vcd for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



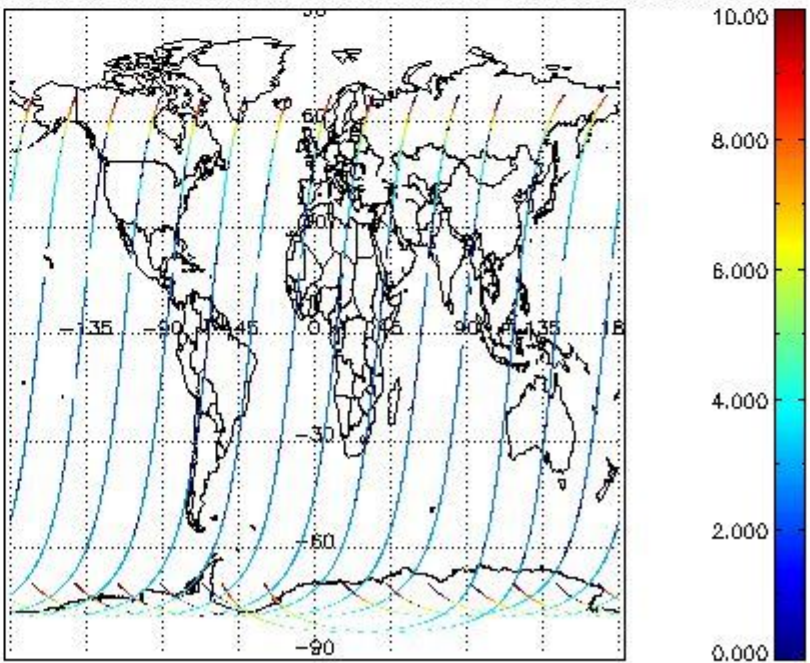
SCIOL2P\_NADUV003\_vcd\_err for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



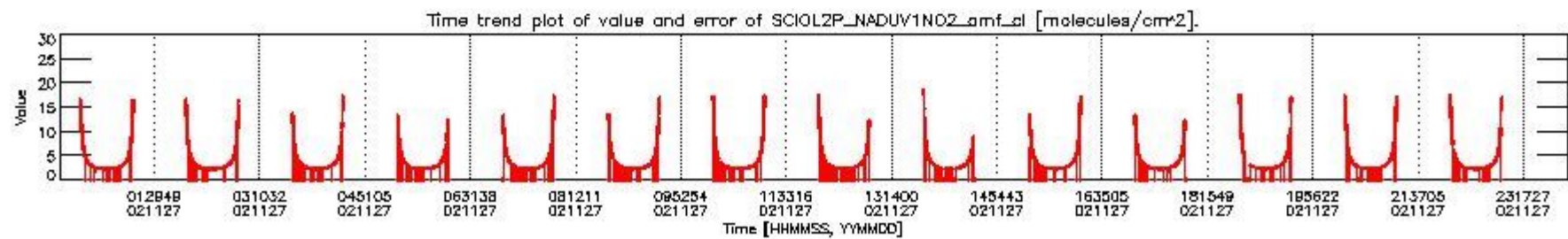
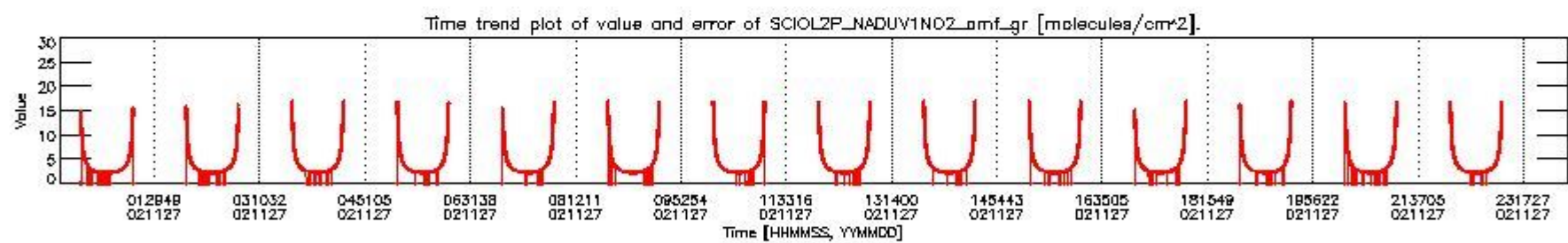
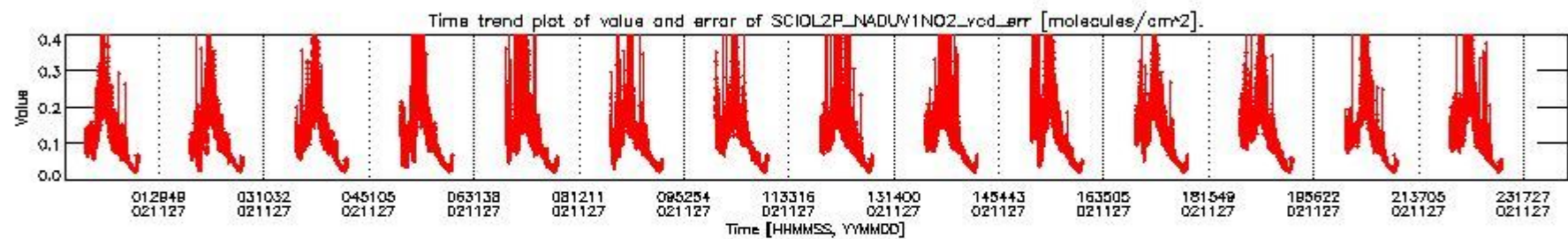
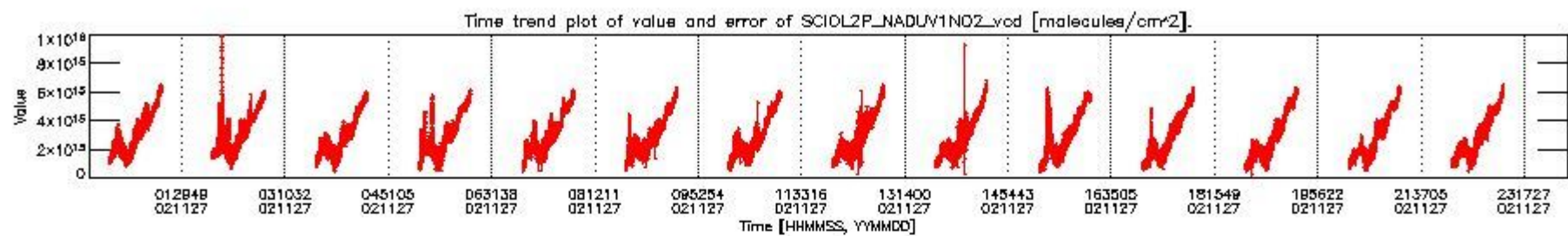
SCIOL2P\_NADUV003\_amf\_gr for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



SCIOL2P\_NADUV003\_amf\_cl for 27NOV2002 00:00:00 to 28NOV2002 00:00:00

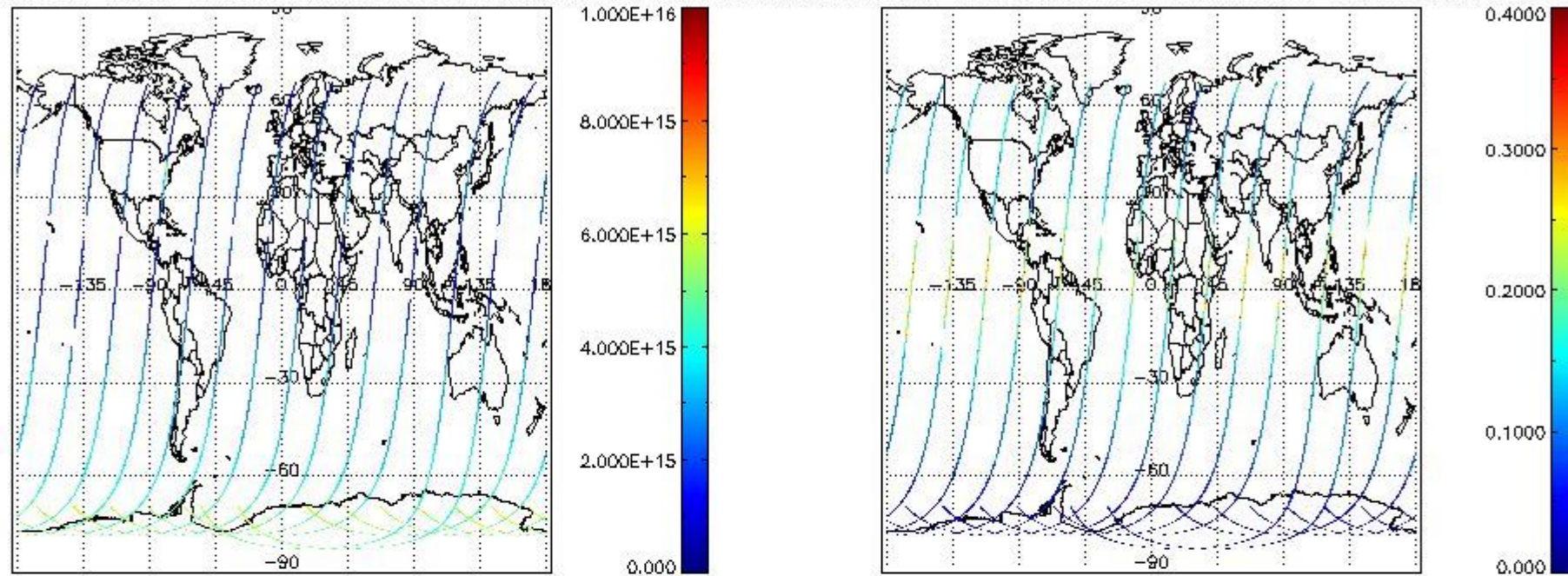




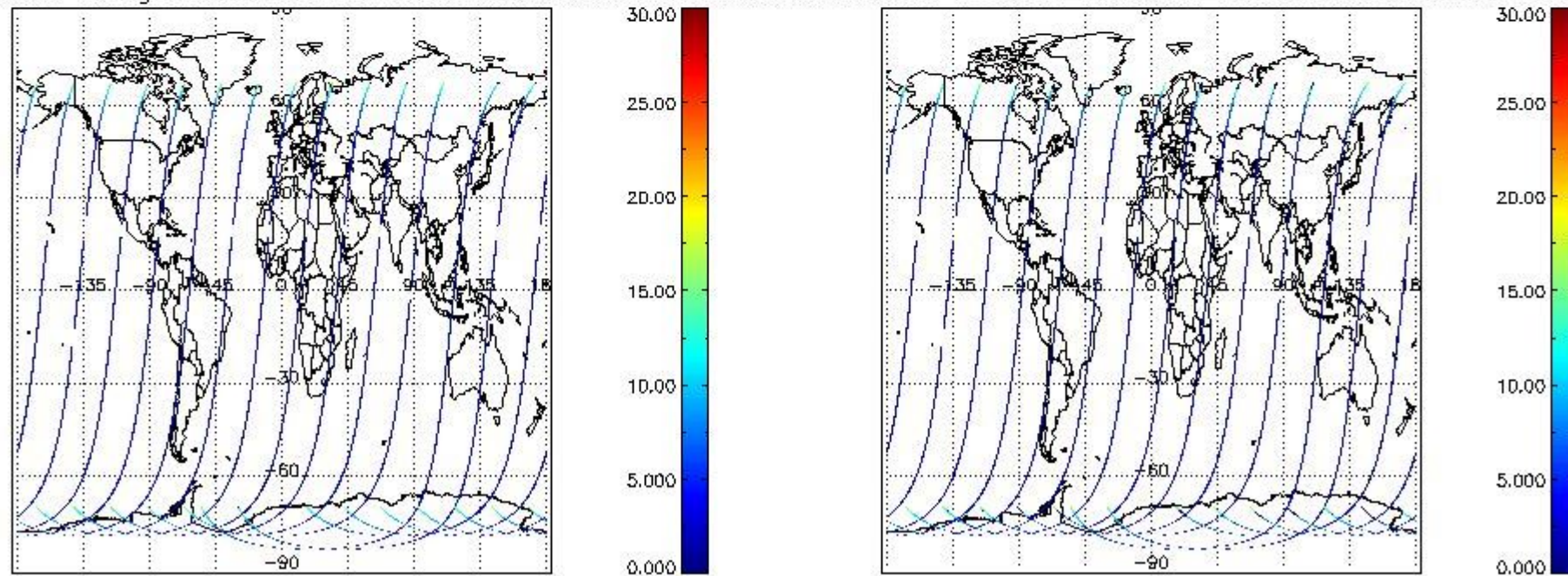




SCIOL2P\_NADUV1NO2\_vcd for 27NOV2002 00:00:00 to 28NOV2002 00:00:00    SCIOL2P\_NADUV1NO2\_vcd\_err for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



SCIOL2P\_NADUV1NO2\_amf\_gr for 27NOV2002 00:00:00 to 28NOV2002 00:00:00    SCIOL2P\_NADUV1NO2\_amf\_sl for 27NOV2002 00:00:00 to 28NOV2002 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

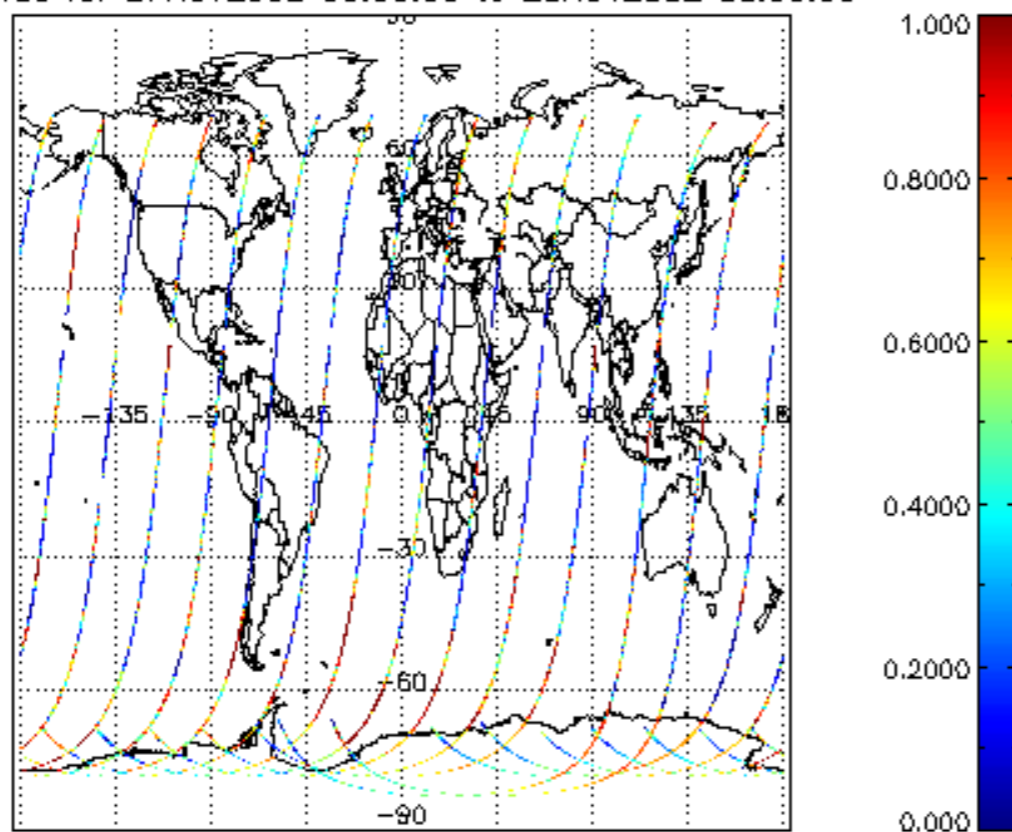
The following plots shows for each species the tangent volume mixing ratio vs. tangent height. Colours indicate tangent latitude.

## 2.3 ADF monitoring

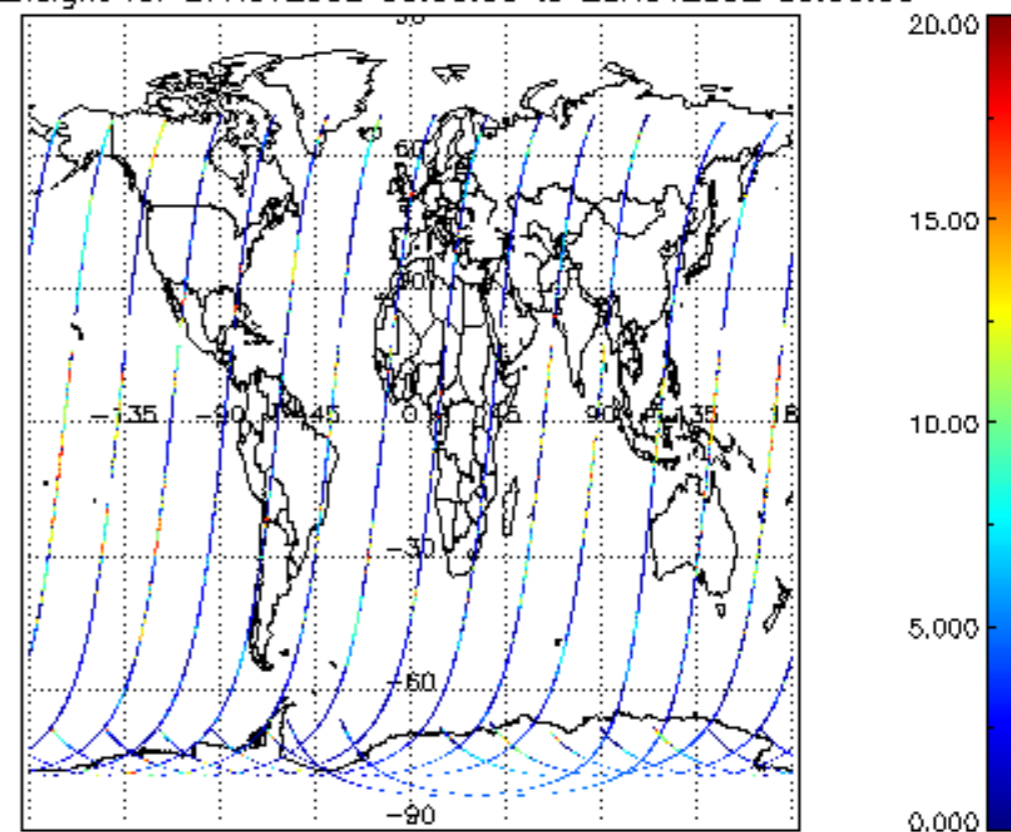
Number	ADF
	IN_ (INITIALISATION_FILE)
0	SCI_IN__AXNPDE20070629_092400_20070720_000000_20991231_235959
	ECF (ECMWF_FILE)
1	NOT USED



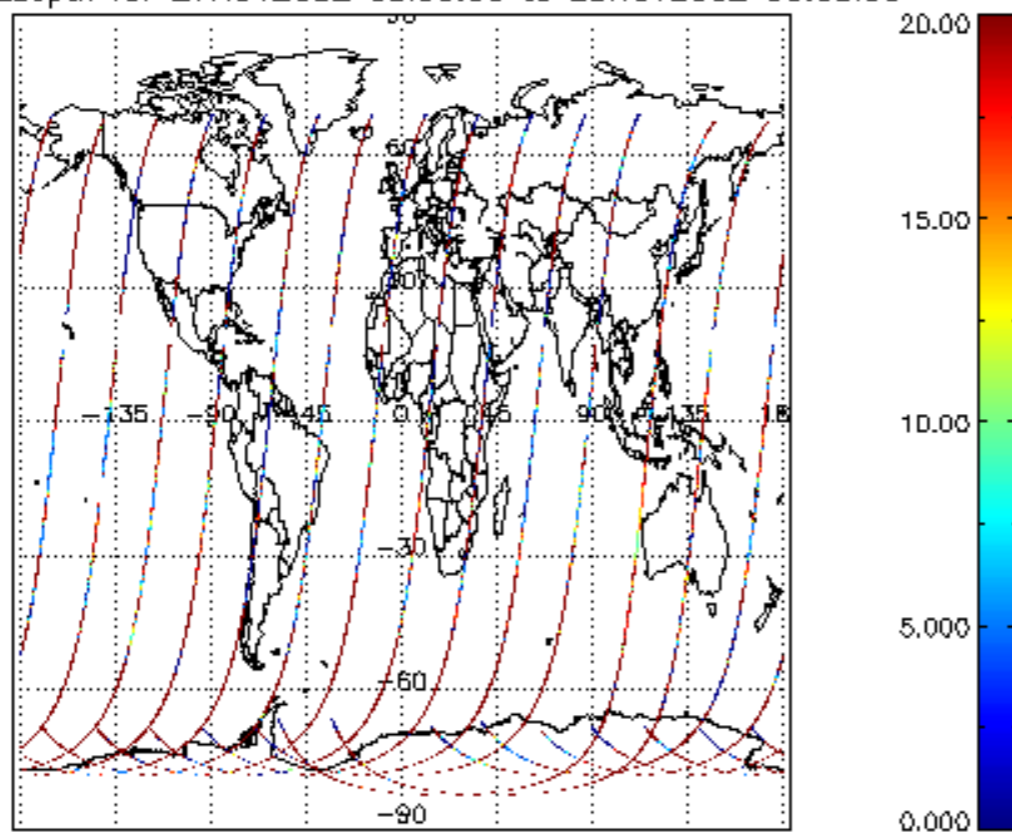
cLfrac for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



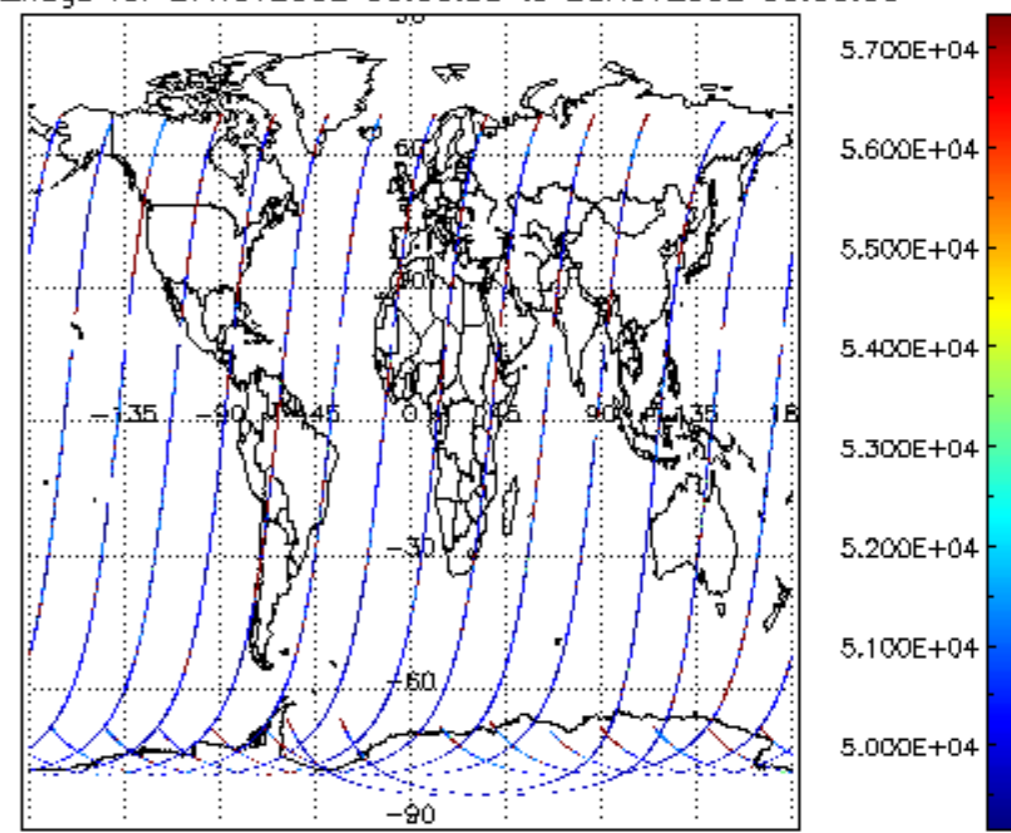
cL\_top\_height for 27NOV2002 00:00:00 to 28NOV2002 00:00:00

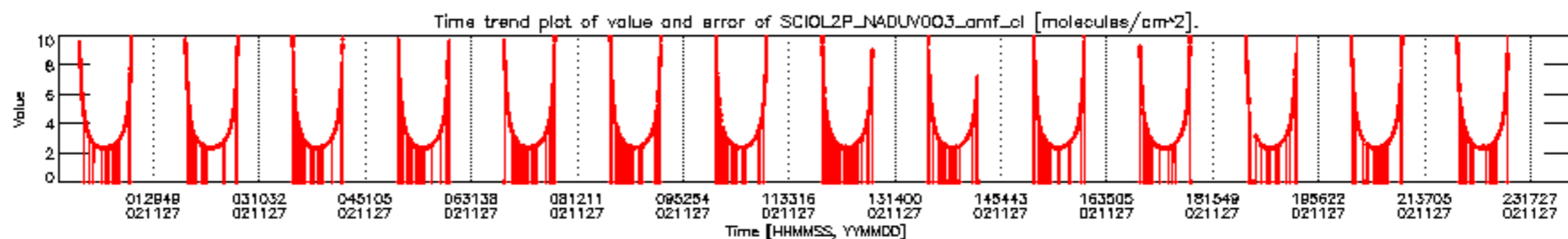
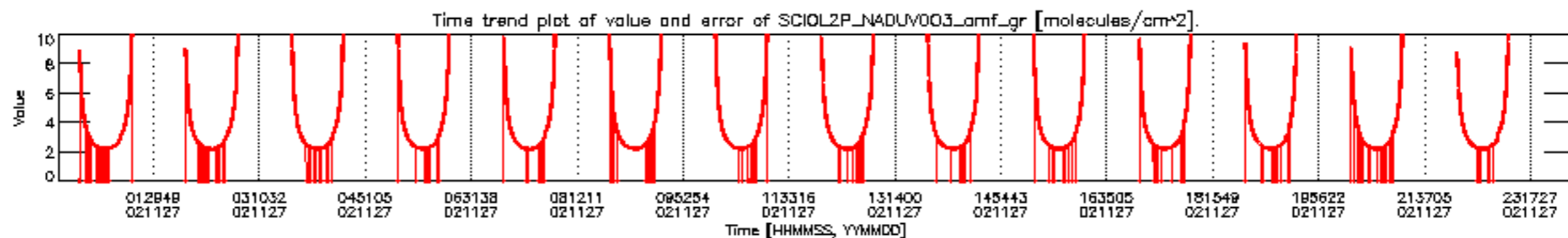
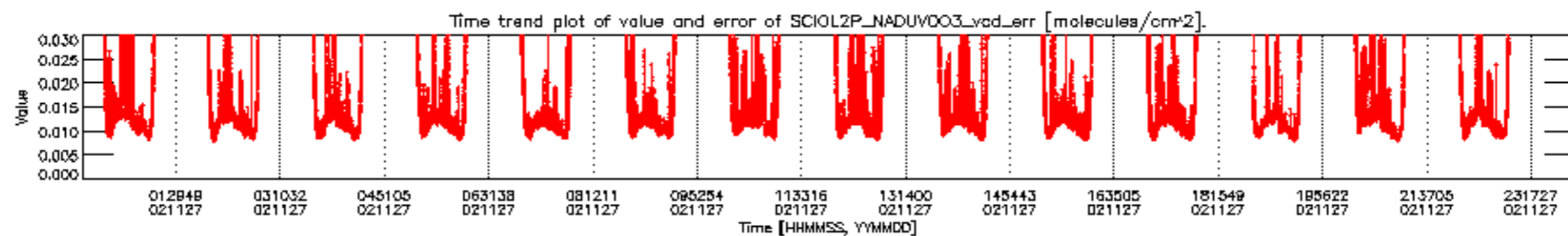
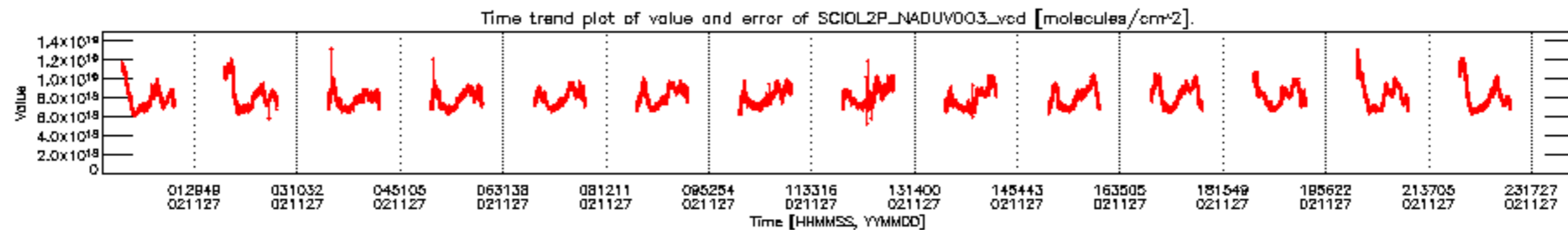


cL\_opt\_depth for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



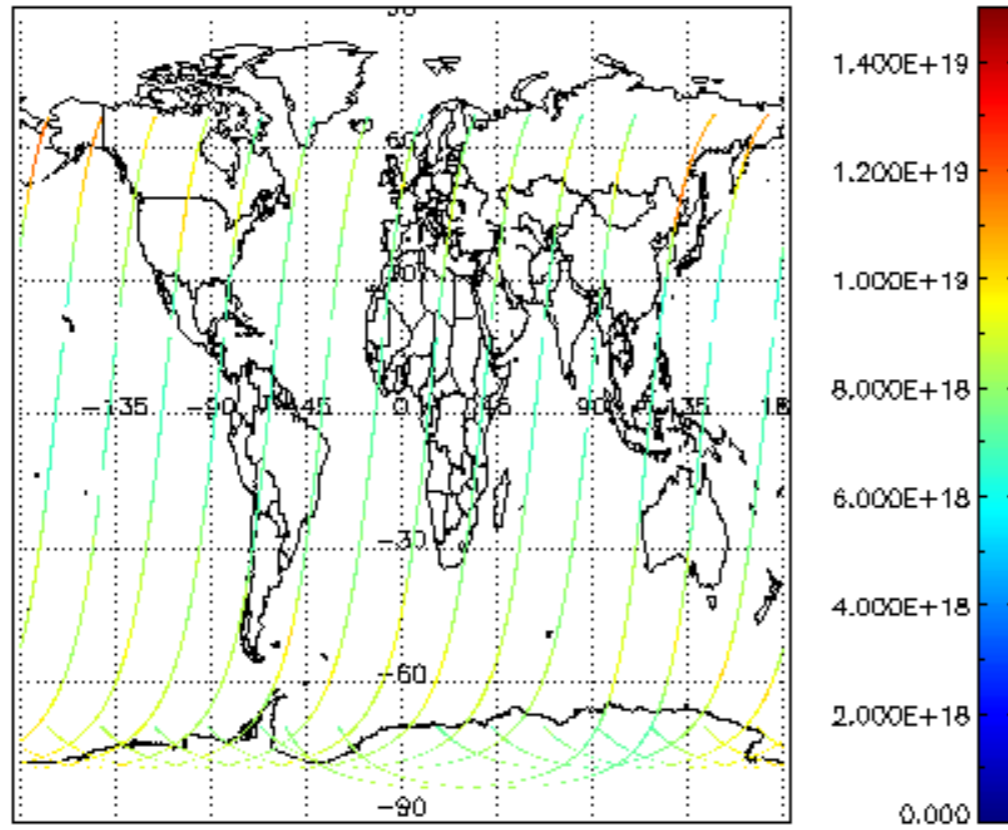
cloud\_flags for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



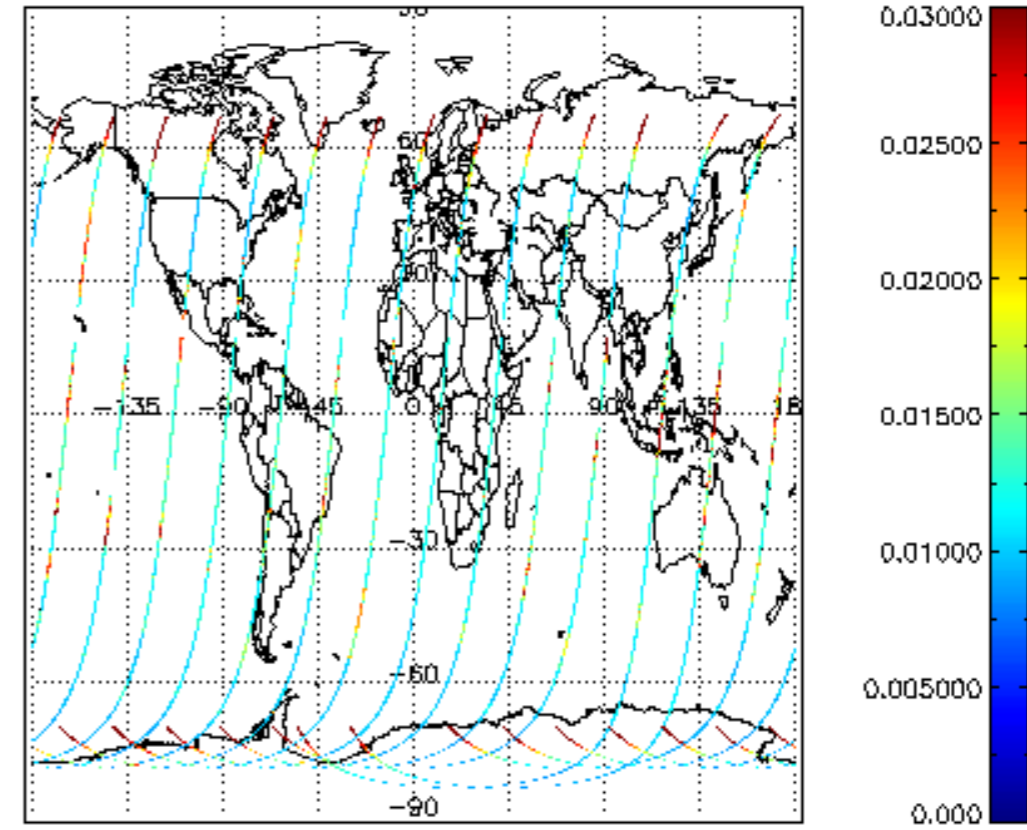




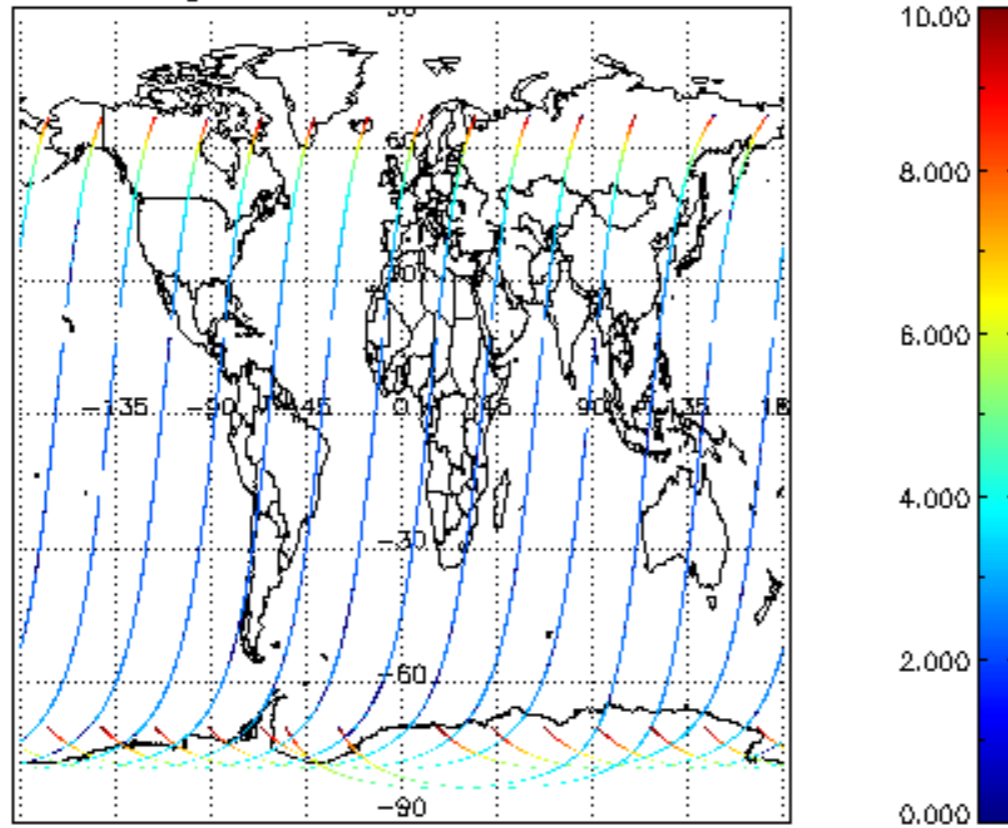
SCIOL2P\_NADUV003\_vcd for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



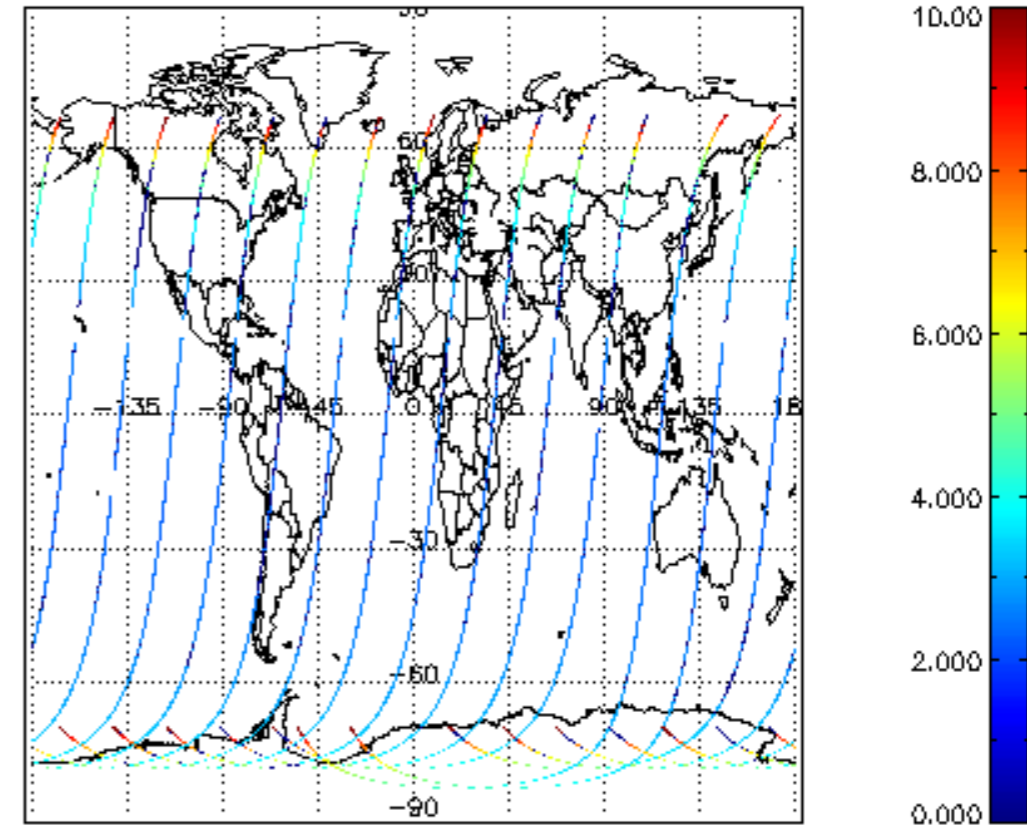
SCIOL2P\_NADUV003\_vcd\_err for 27NOV2002 00:00:00 to 28NOV2002 00:00:00

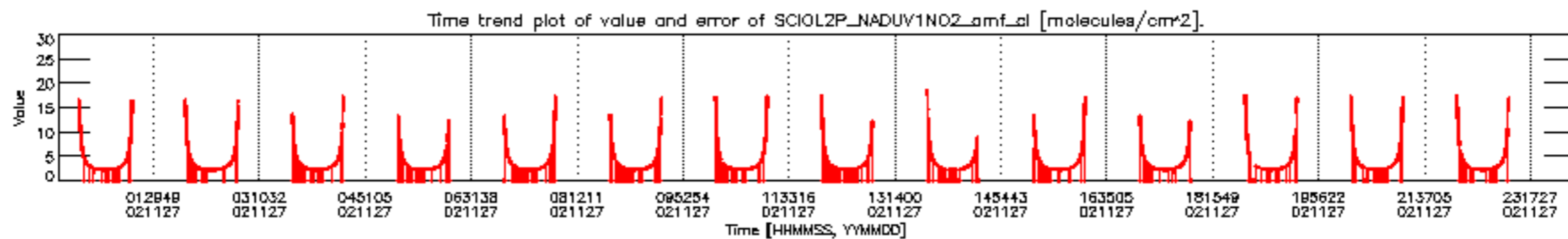
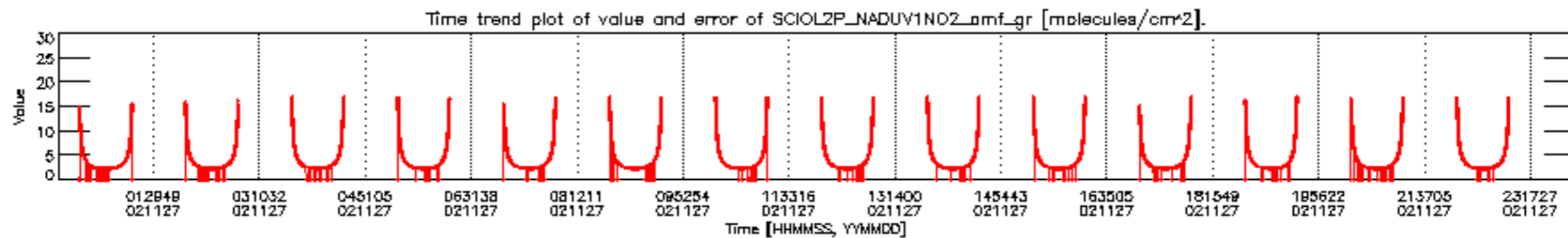
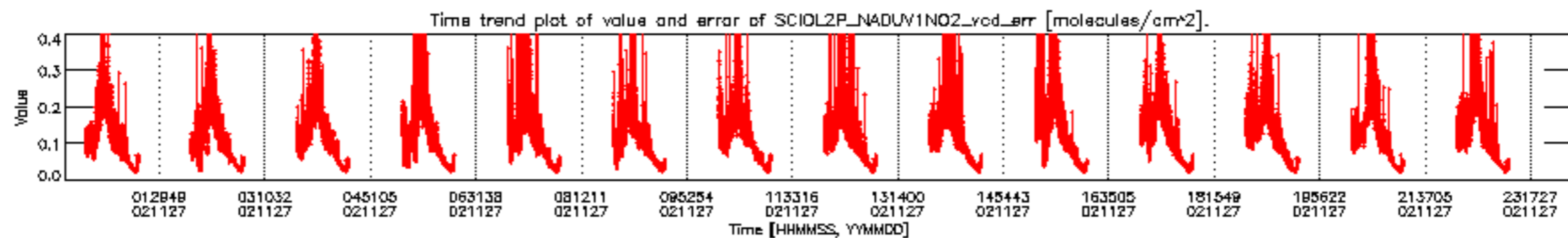
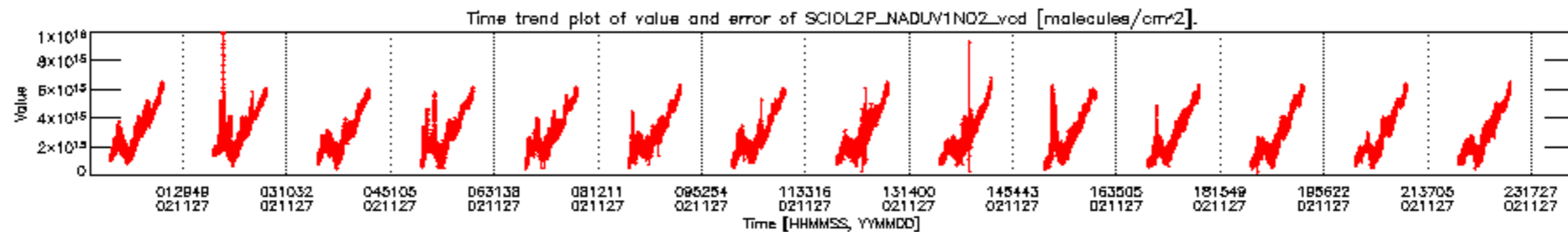


SCIOL2P\_NADUV003\_amf\_gr for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



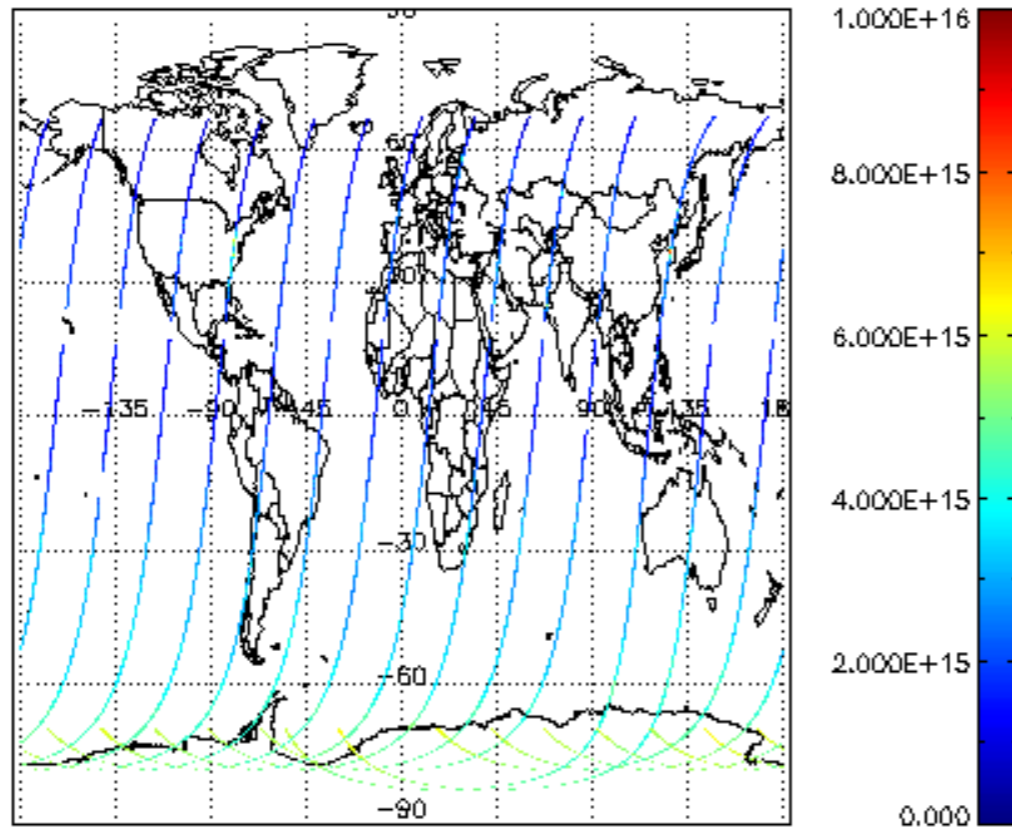
SCIOL2P\_NADUV003\_amf\_cl for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



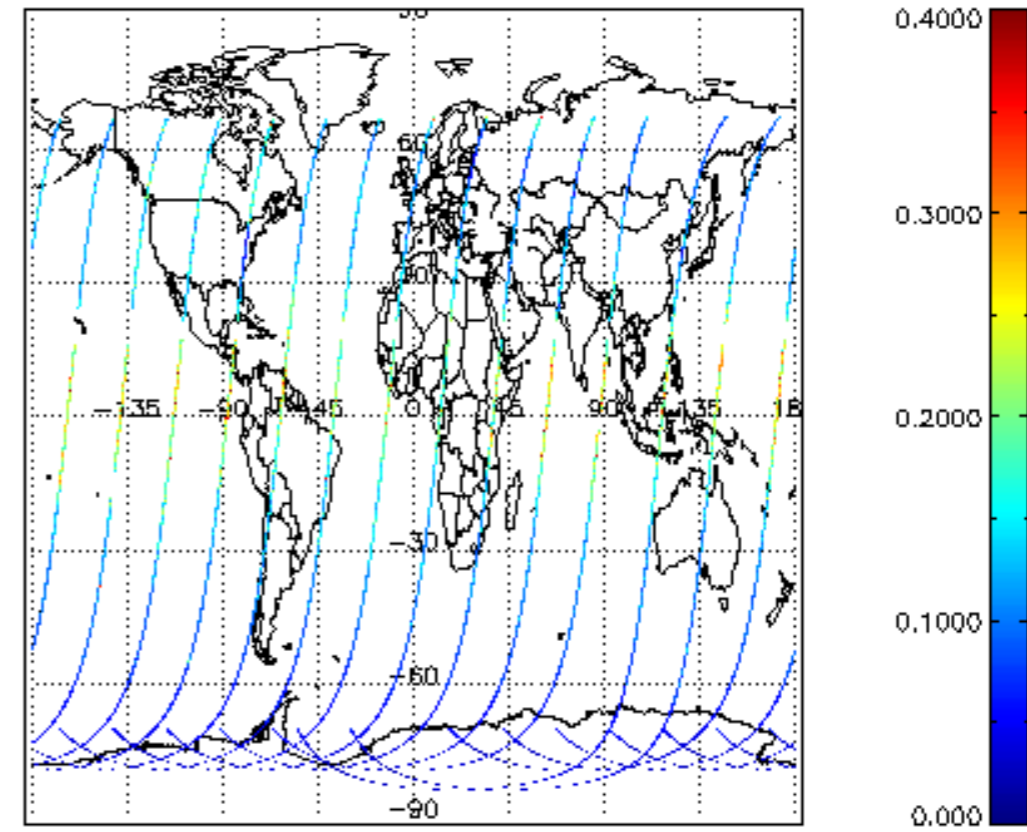




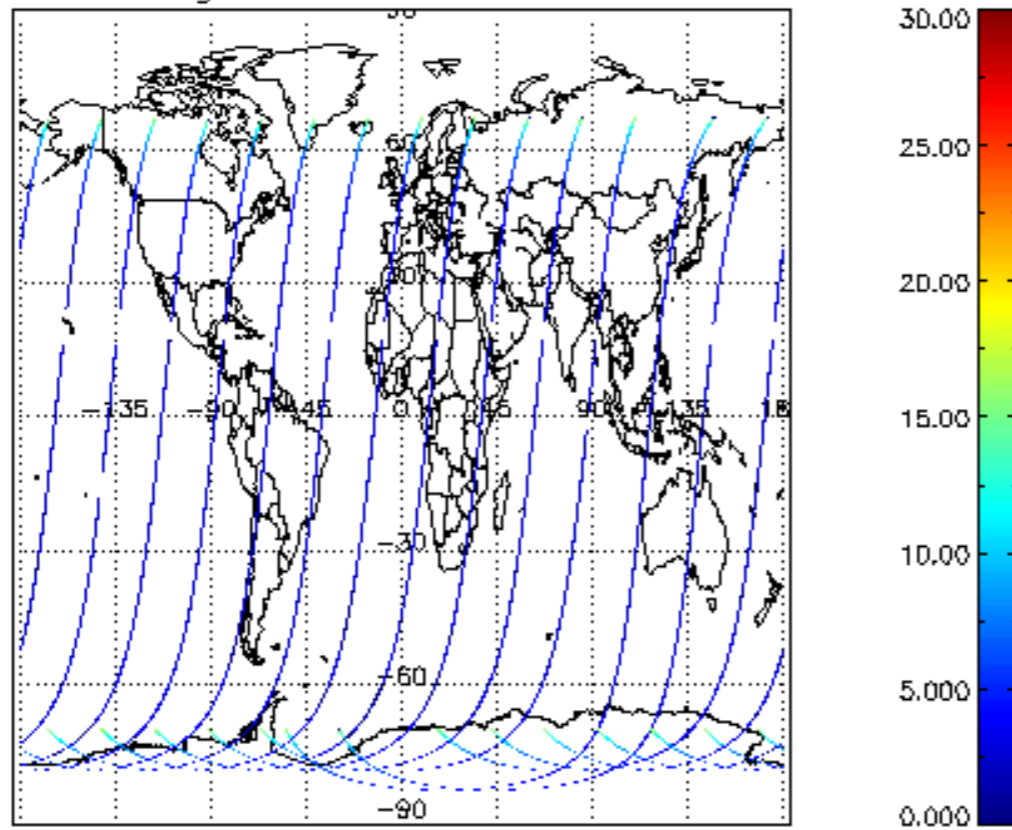
SCIOL2P\_NADUV1NO2\_vcd for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



SCIOL2P\_NADUV1NO2\_vcd\_err for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



SCIOL2P\_NADUV1NO2\_amf\_gr for 27NOV2002 00:00:00 to 28NOV2002 00:00:00



SCIOL2P\_NADUV1NO2\_amf\_cl for 27NOV2002 00:00:00 to 28NOV2002 00:00:00

