GOMOS Level 2 Daily Report

1. General info

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P).
It is intended to monitor some important parameters that will impact the quality of these products.
A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	24APR2013 17:57:07
Data source version	GOMOS/6.01
Start time of products	12-10-2011 (12OCT2011 00:00:00)
Stop time of products	13-10-2011 (13OCT2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	3
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

!Warning: No products without errors in DARK limb contitions found

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20111012_153543_000000463107_00284_50298_6103.N1	12-OCT-2011 15:35:43	Bright	45.500	73	57Gam1And	2.2600	13100.	91	50298	No
2	GOM_NL__2PRFIN20111012_221636_000000433107_00288_50302_6335.N1	12-OCT-2011 22:16:36	Bright	42.500	73	57Gam1And	2.2600	13100.	85	50302	No
3	GOM_NL__2PRFIN20111012_235649_000000463107_00289_50303_6348.N1	12-OCT-2011 23:56:49	Bright	46.000	73	57Gam1And	2.2600	13100.	92	50303	No

3. Quality information per product

In this section it is plotted some information contained in the Quality Summary data set of
the level 2 products. Only products in dark limb conditions and without errors (error flag in
the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)
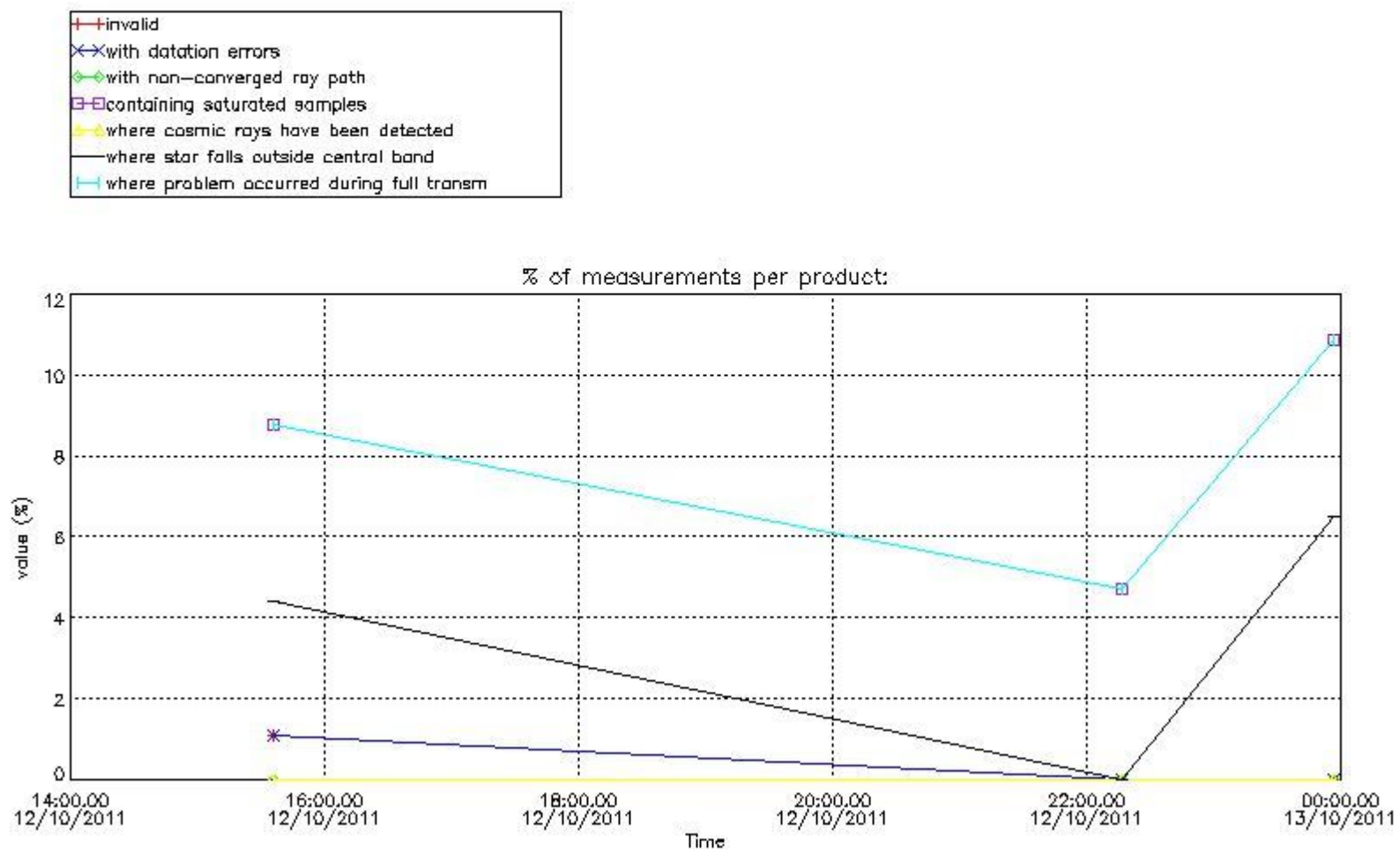
4. Level 1 quality information per product

In this section it is plotted some information contained in the Quality Summary data set of
the level 2 products that comes from the level 1b processsing. Products without errors (error flag in
the MPH set to "0") are used.

4.1 Plot quality information per product (time dependant) comming from level 1b processing

4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes

!Warning: No products without errors in ascending found

4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

% of measurements per product:

Legend:
- ┼ invalid
- ✕ with datation errors
- ◆ with non-converged ray path
- ▣ containing saturated samples
- — where cosmic rays have been detected
- — where star falls outside central band
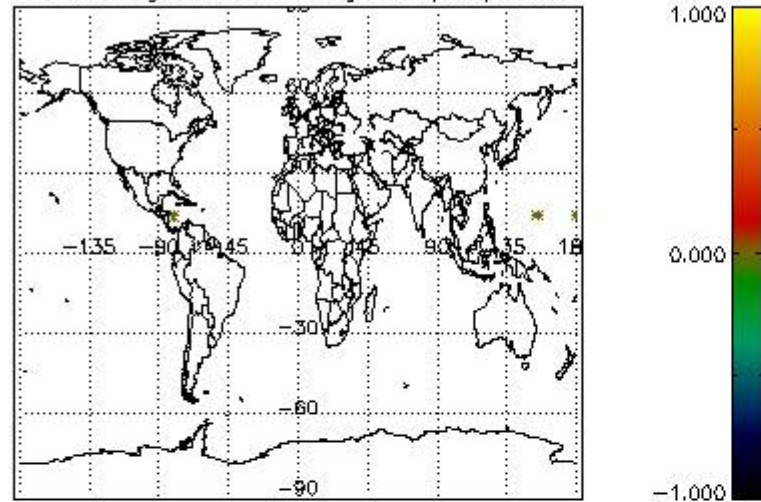- — where problem occurred during full transm

4.2 Plot quality information per product comming from level 1b processing (world map)

4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes
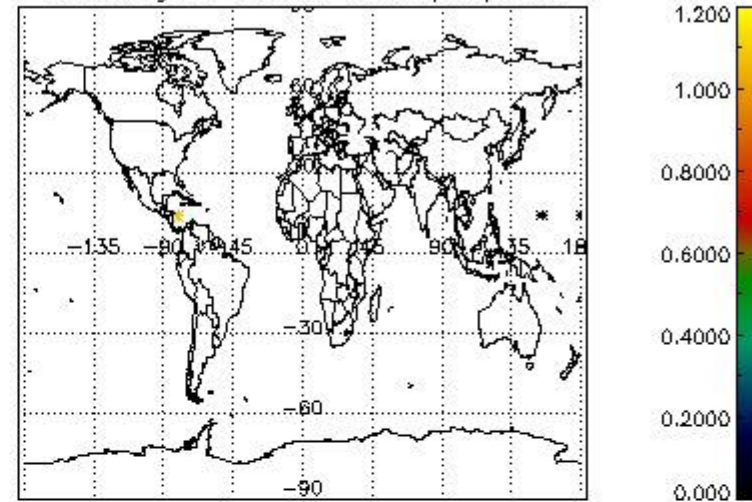
!Warning: No products without errors in ascending found

4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes
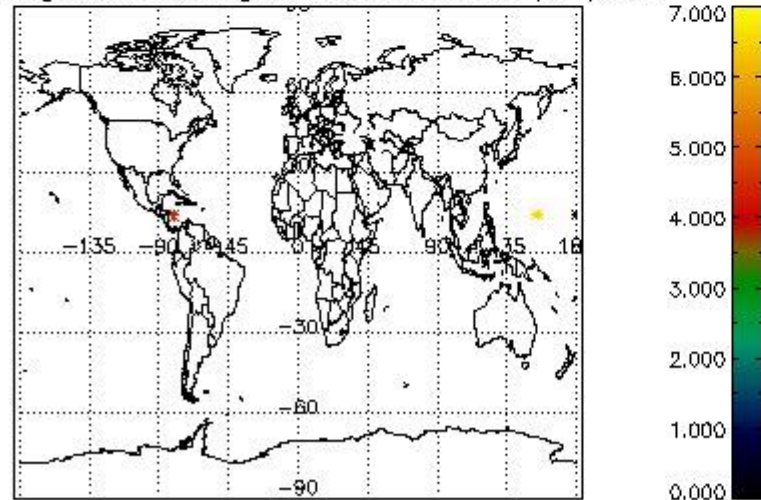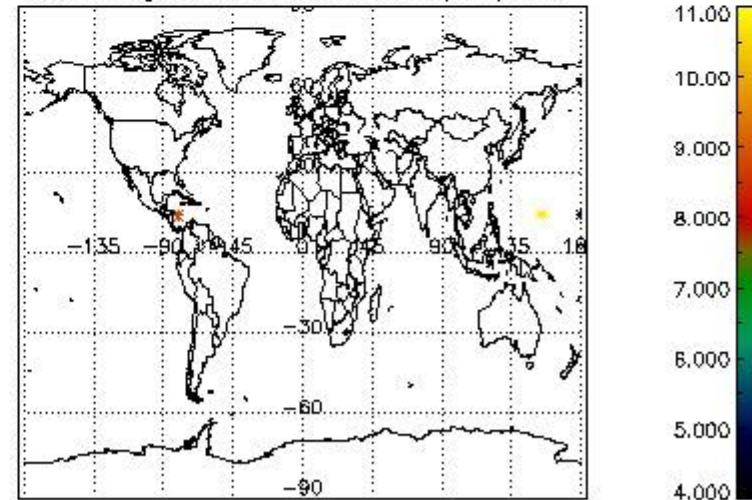
Percentage of cosmic ray hits per profile

Percentage of datation errors per profile

Percentage of star falling outside central band per profile

Percentage of saturation errors per profile

6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-OCT-2011 15:35:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-OCT-2011 15:35:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-OCT-2011 15:35:43

GOMOS Level 2 Daily Report

SUMMARY

1. General info

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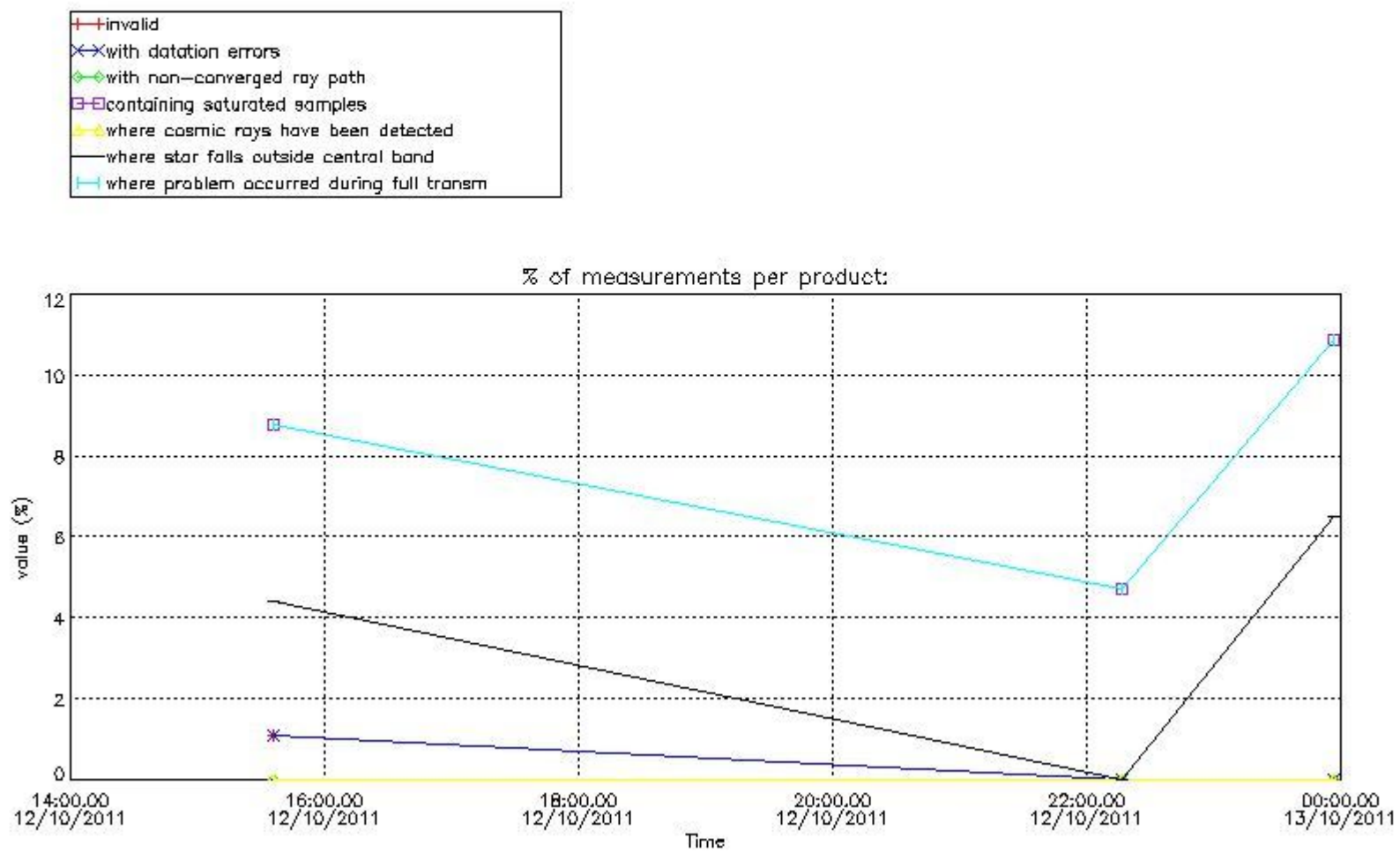
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% of measurements per product:

Legend:
- invalid
- with datation errors
- with non-converged ray path
- containing saturated samples
- where cosmic rays have been detected
- where star falls outside central band
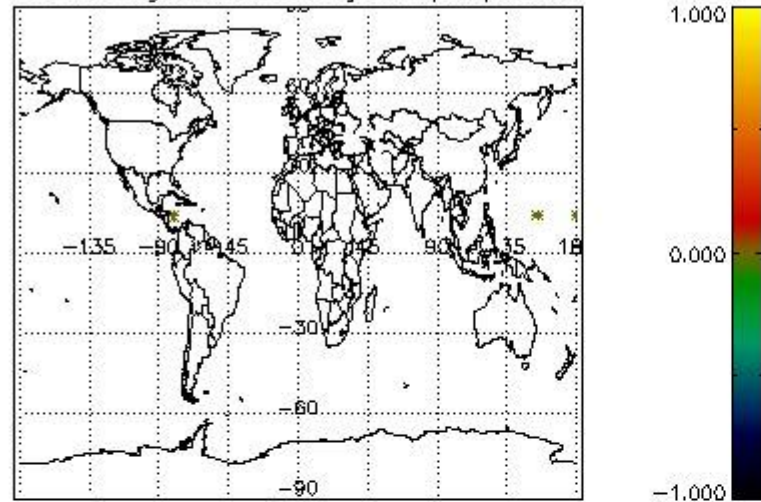- where problem occurred during full transm

4.2 Plot quality information per product comming from level 1b processing (world map)

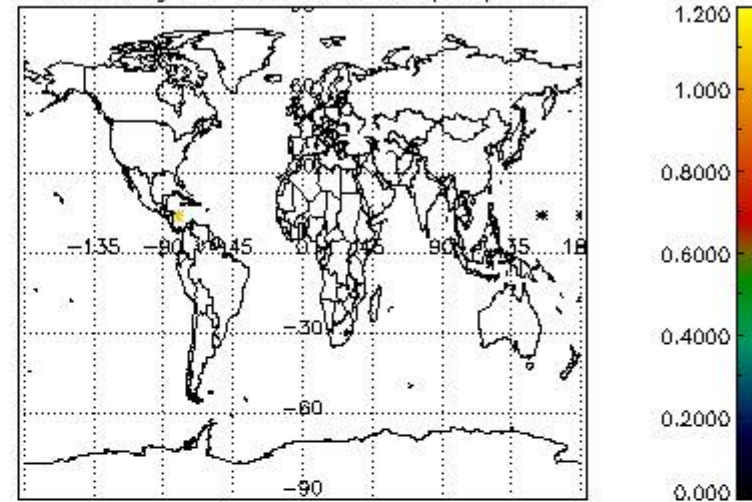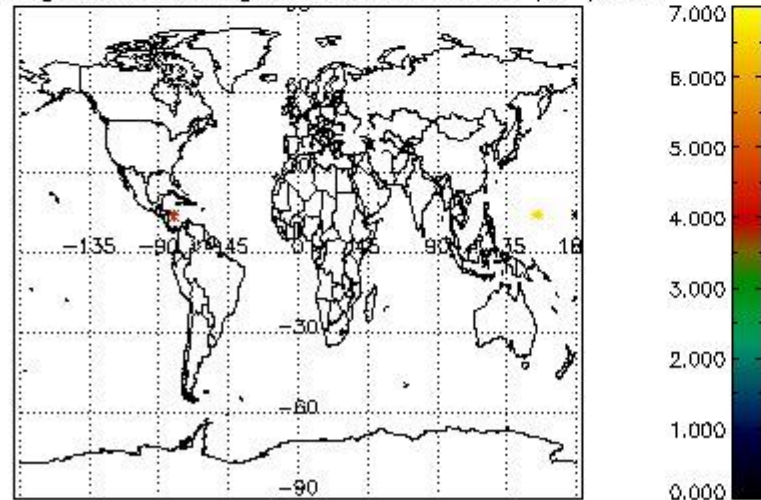4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

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4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

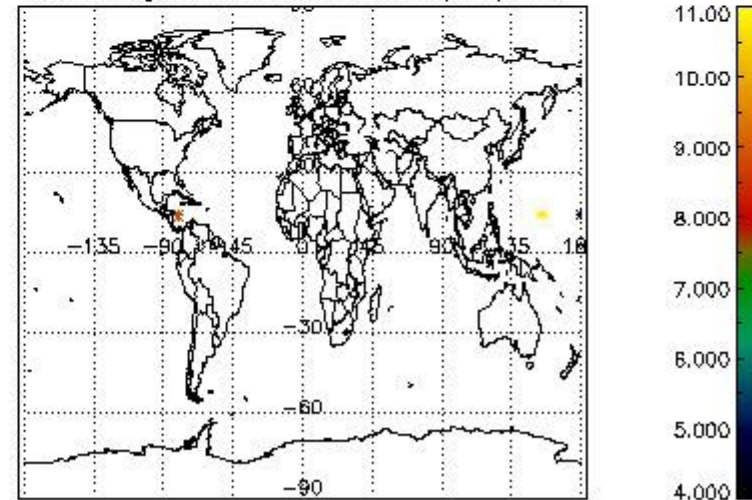Percentage of cosmic ray hits per profile

Percentage of datation errors per profile

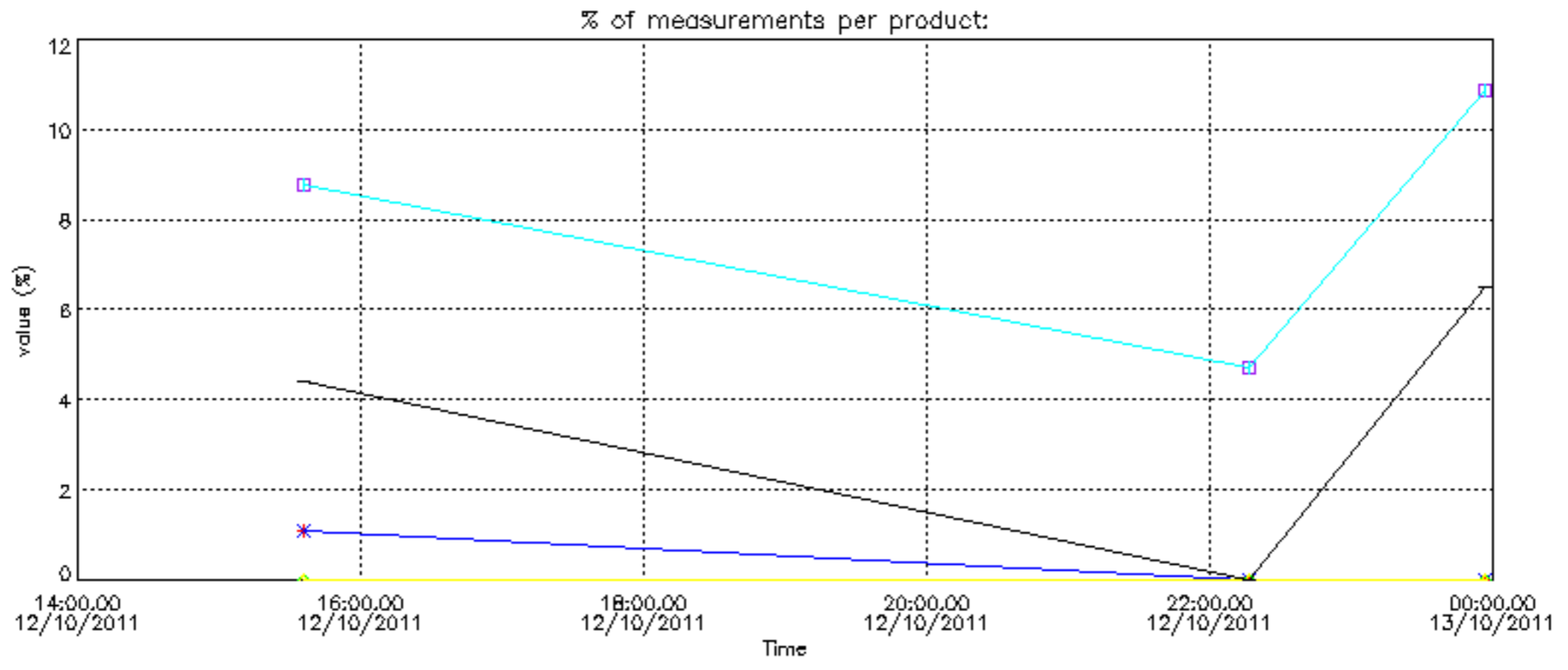Percentage of star falling outside central band per profile

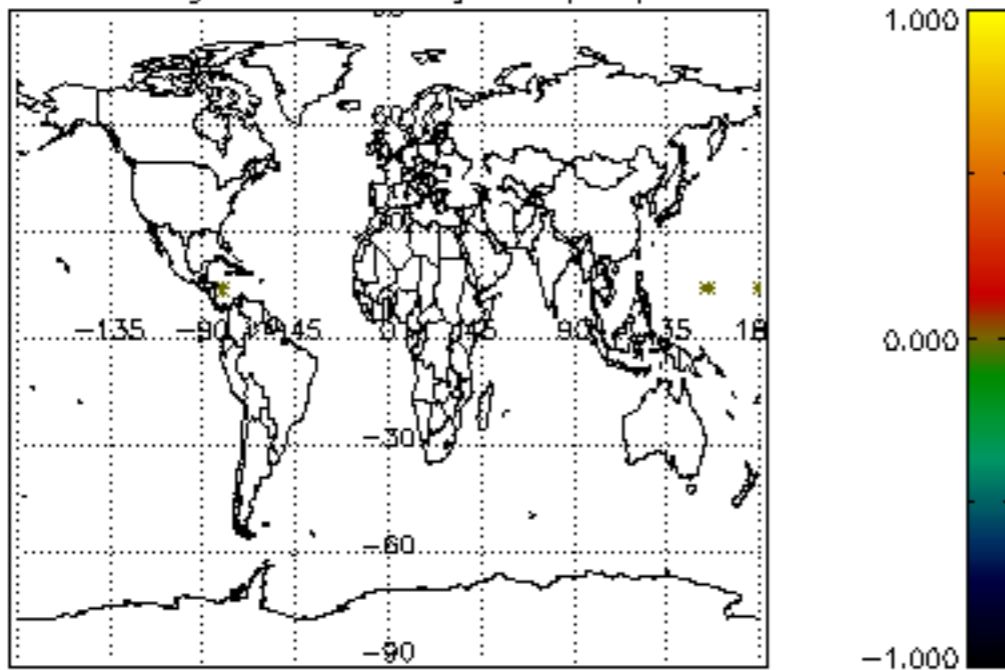Percentage of saturation errors per profile

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The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.
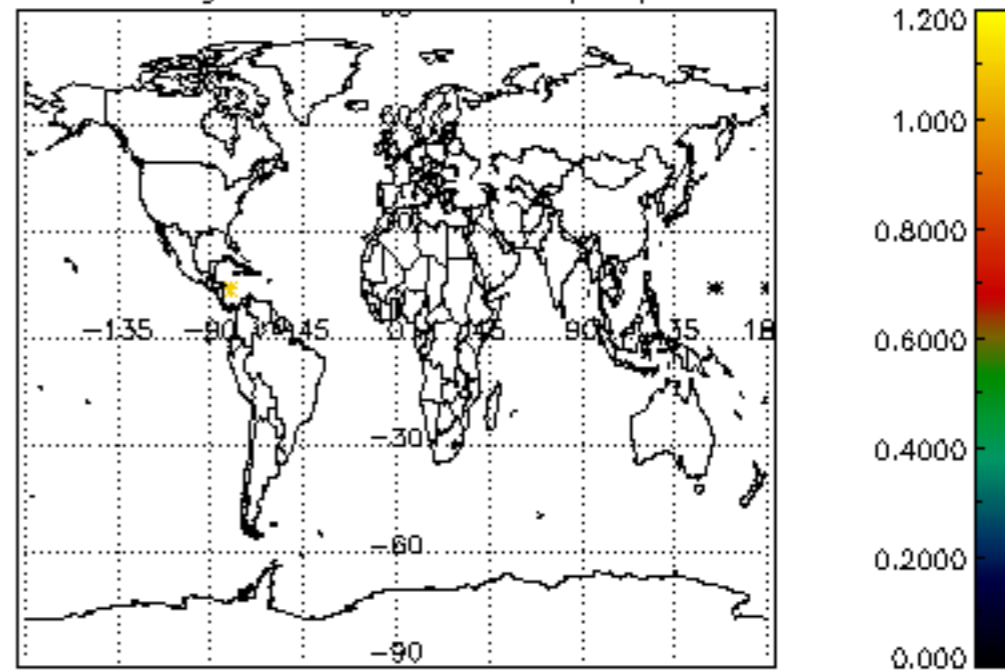
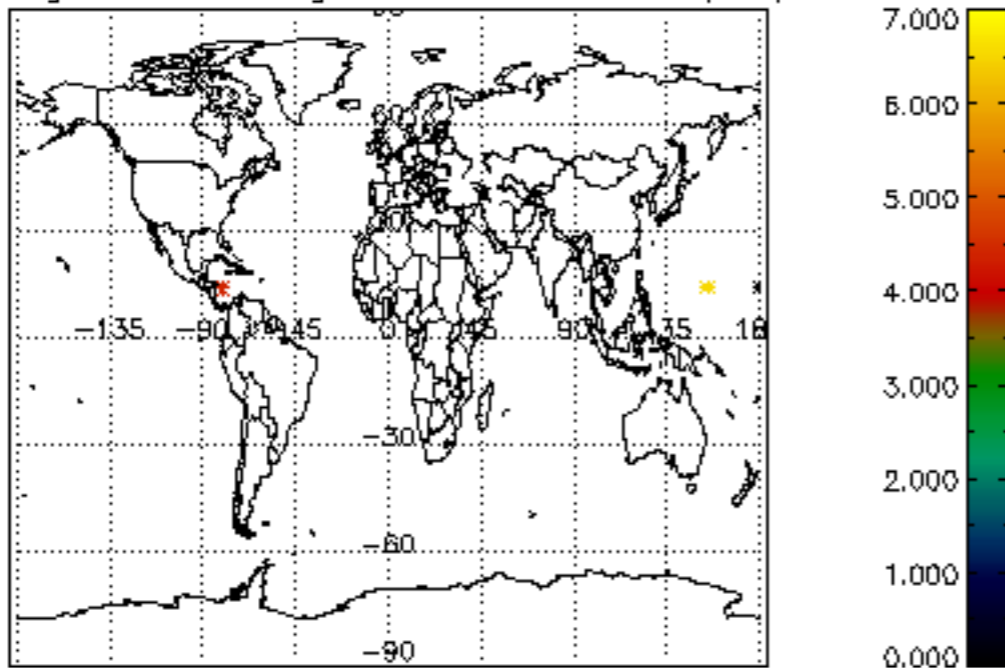| Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-OCT-2011 15:35:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-OCT-2011 15:35:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-OCT-2011 15:35:43

% of measurements per product:

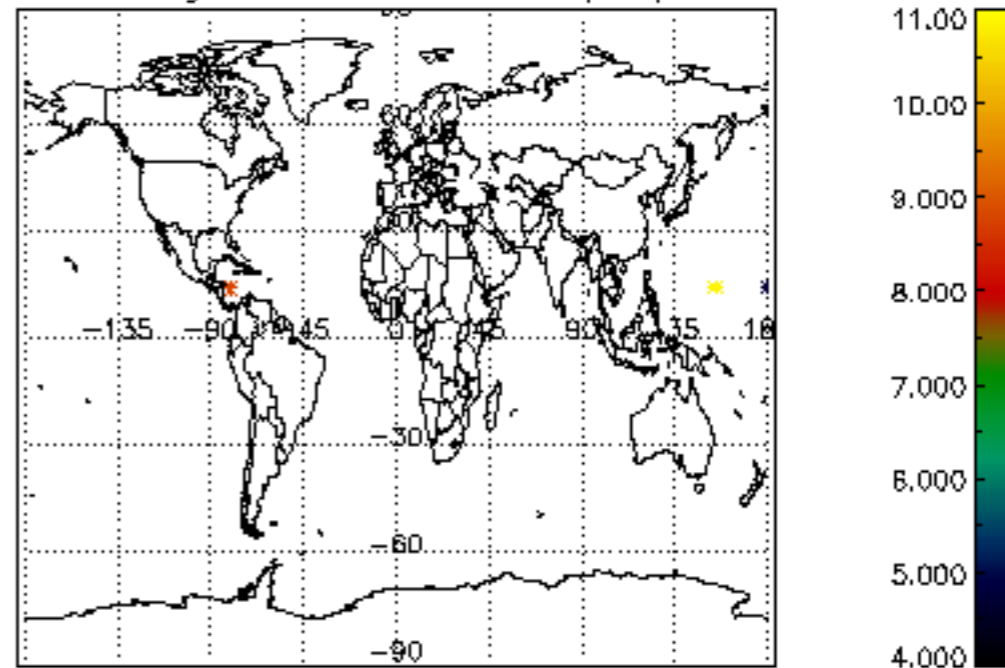Percentage of cosmic ray hits per profile
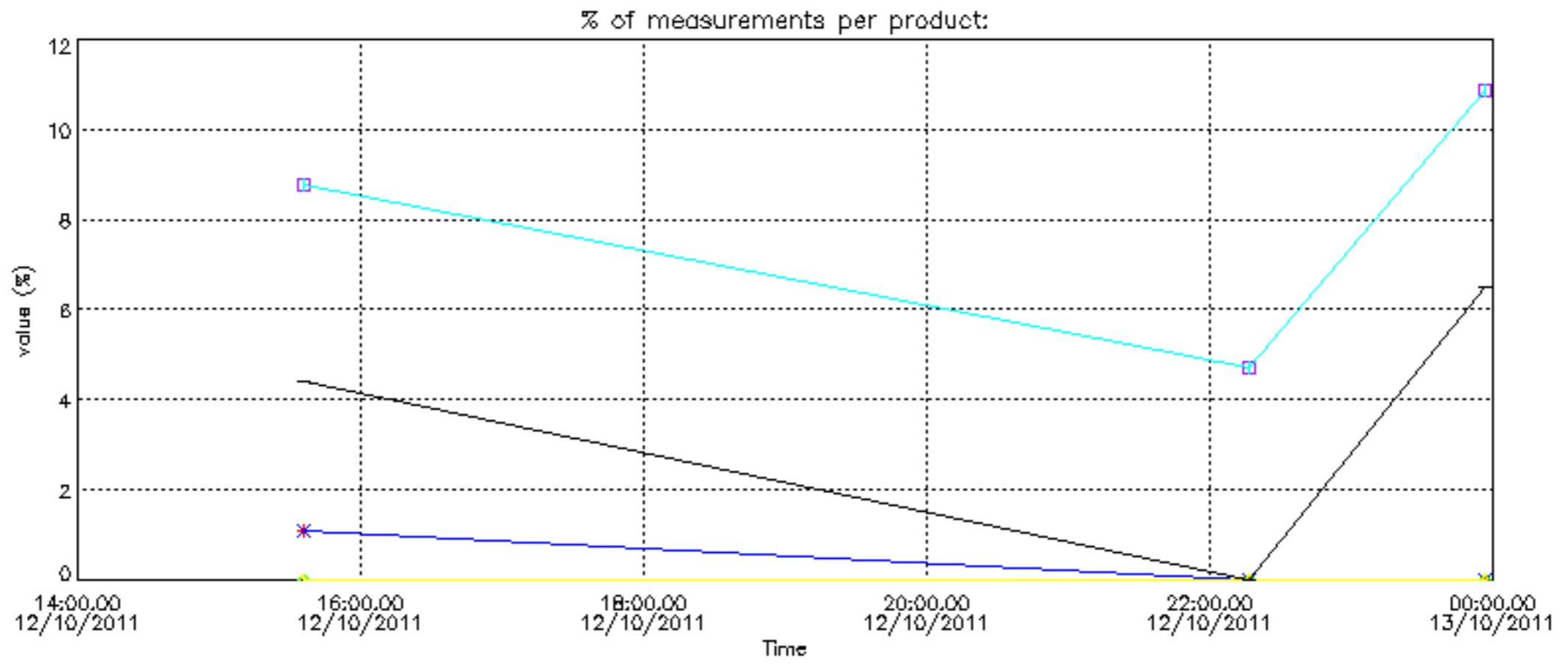
Percentage of datation errors per profile

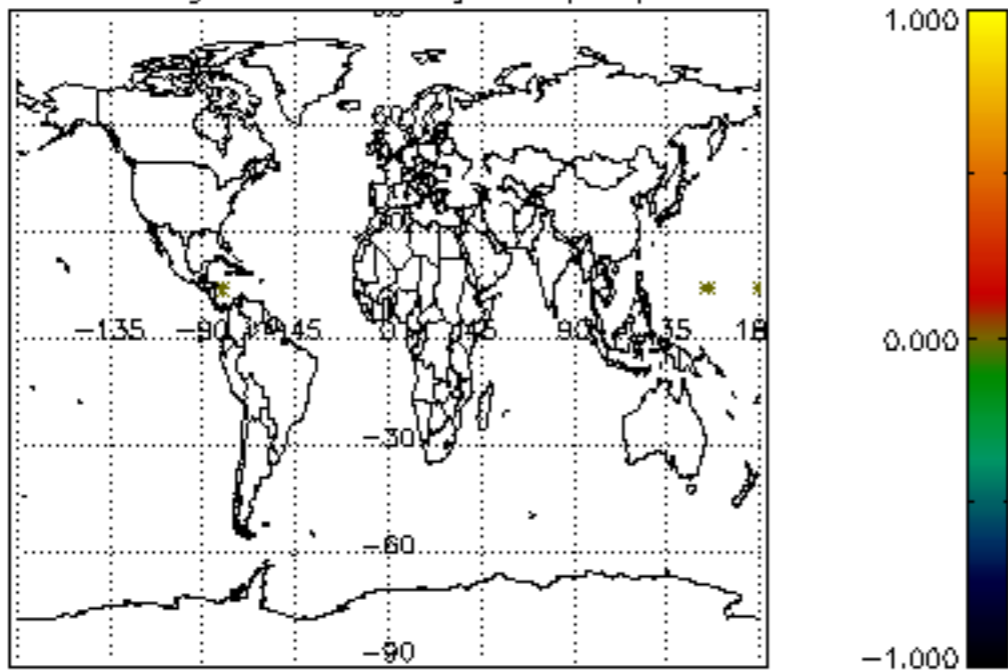Percentage of star falling outside central band per profile

Percentage of saturation errors per profile
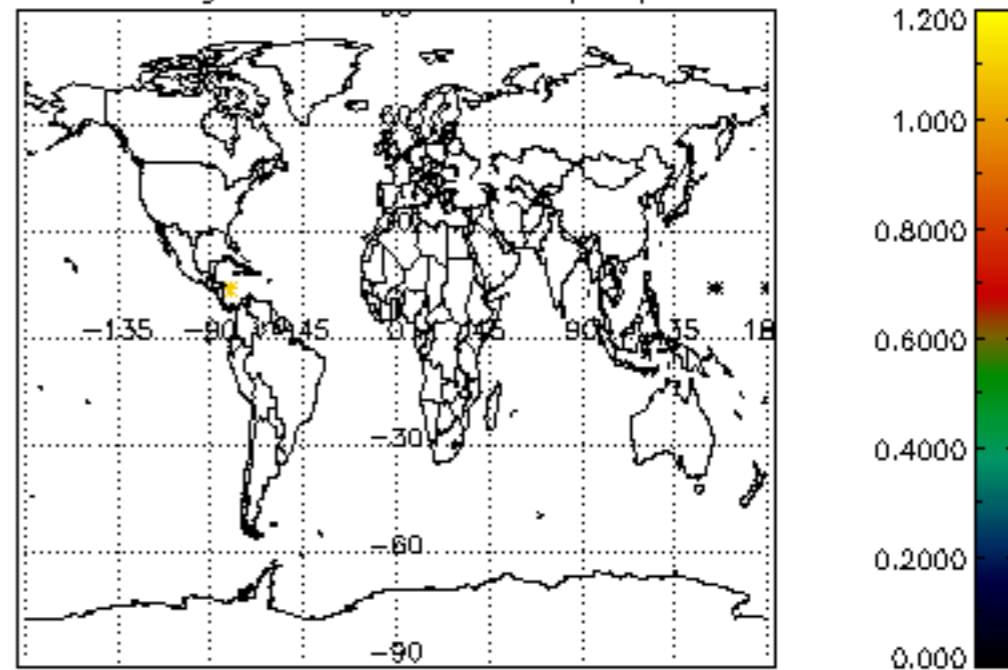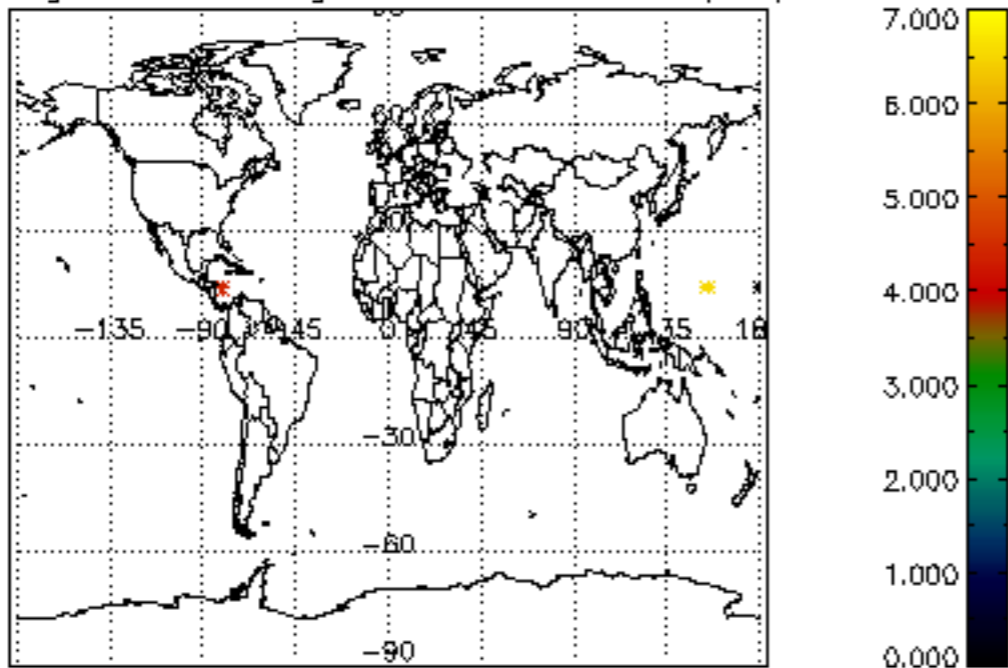
% of measurements per product:

Percentage of cosmic ray hits per profile

Percentage of datation errors per profile

Percentage of star falling outside central band per profile

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