

# GOMOS Level 2 Daily Report

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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	18APR2013 14:12:28
Data source version	GOMOS/6.01
Start time of products	19-03-2012 (19MAR2012 00:00:00)
Stop time of products	20-03-2012 (20MAR2012 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	5
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

**!Warning: No products without errors in DARK limb contitions found !Warning: No products without errors in BRIGTH 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__2PRFIN20120319_011411_000000423112_00405_52574_6764.N1	19-MAR-2012 01:14:11	Straylight	42.000	64	Gam Cen	2.2000	10600.	84	52574	No
2	GOM_NL__2PRFIN20120319_025426_000000433112_00406_52575_6769.N1	19-MAR-2012 02:54:26	Straylight	43.000	64	Gam Cen	2.2000	10600.	86	52575	No
3	GOM_NL__2PRFIN20120319_043440_000000403112_00407_52576_6779.N1	19-MAR-2012 04:34:40	Straylight	39.500	64	Gam Cen	2.2000	10600.	79	52576	No
4	GOM_NL__2PRFIN20120319_061454_000000433112_00408_52577_6789.N1	19-MAR-2012 06:14:54	Straylight	42.500	64	Gam Cen	2.2000	10600.	85	52577	No
5	GOM_NL__2PRFIN20120319_075509_000000443112_00409_52578_6832.N1	19-MAR-2012 07:55:09	Straylight	44.000	64	Gam Cen	2.2000	10600.	88	52578	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.

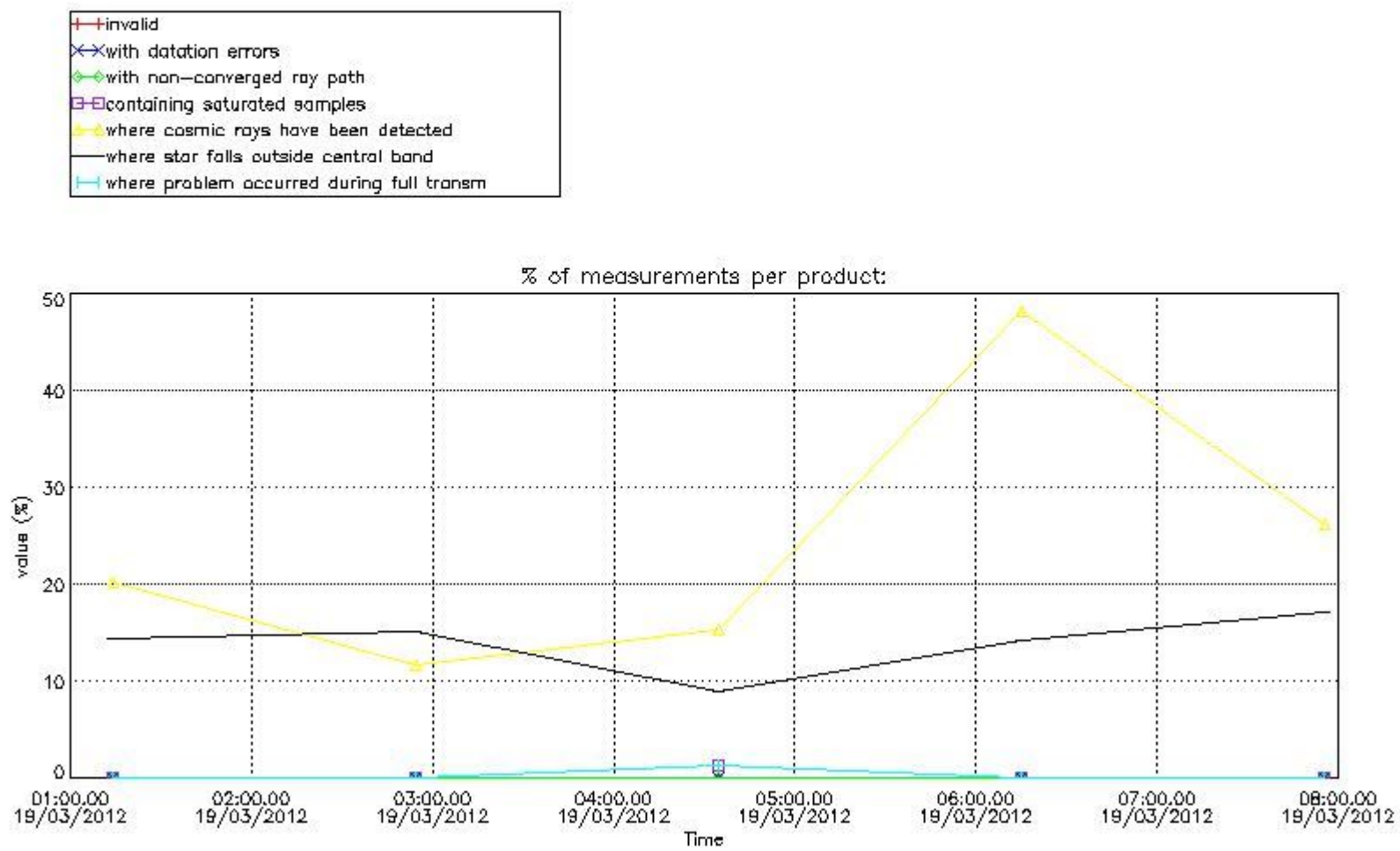
### 3.1 Plot quality information per product (time dependant)

#### 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 processing. 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): ENVI SAT ASCENDING passes

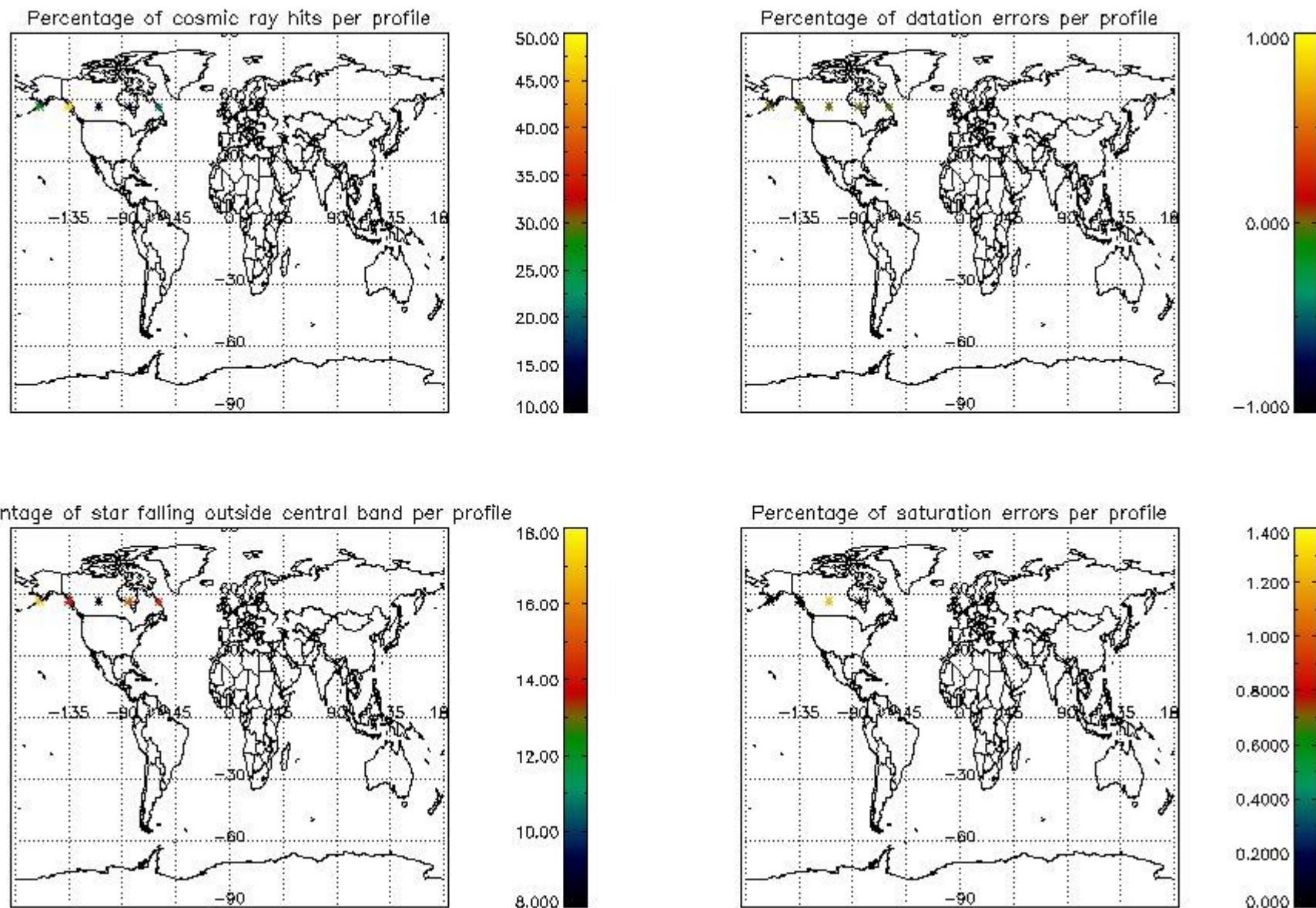


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

!Warning: No products without errors in descending found

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

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



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

**!Warning: No products without errors in descending found**

#### 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_AXVIEC20111213_163131_20111215_000000_20500101_000000	1	19-MAR-2012 01:14:11
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-MAR-2012 01:14:11
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-MAR-2012 01:14:11

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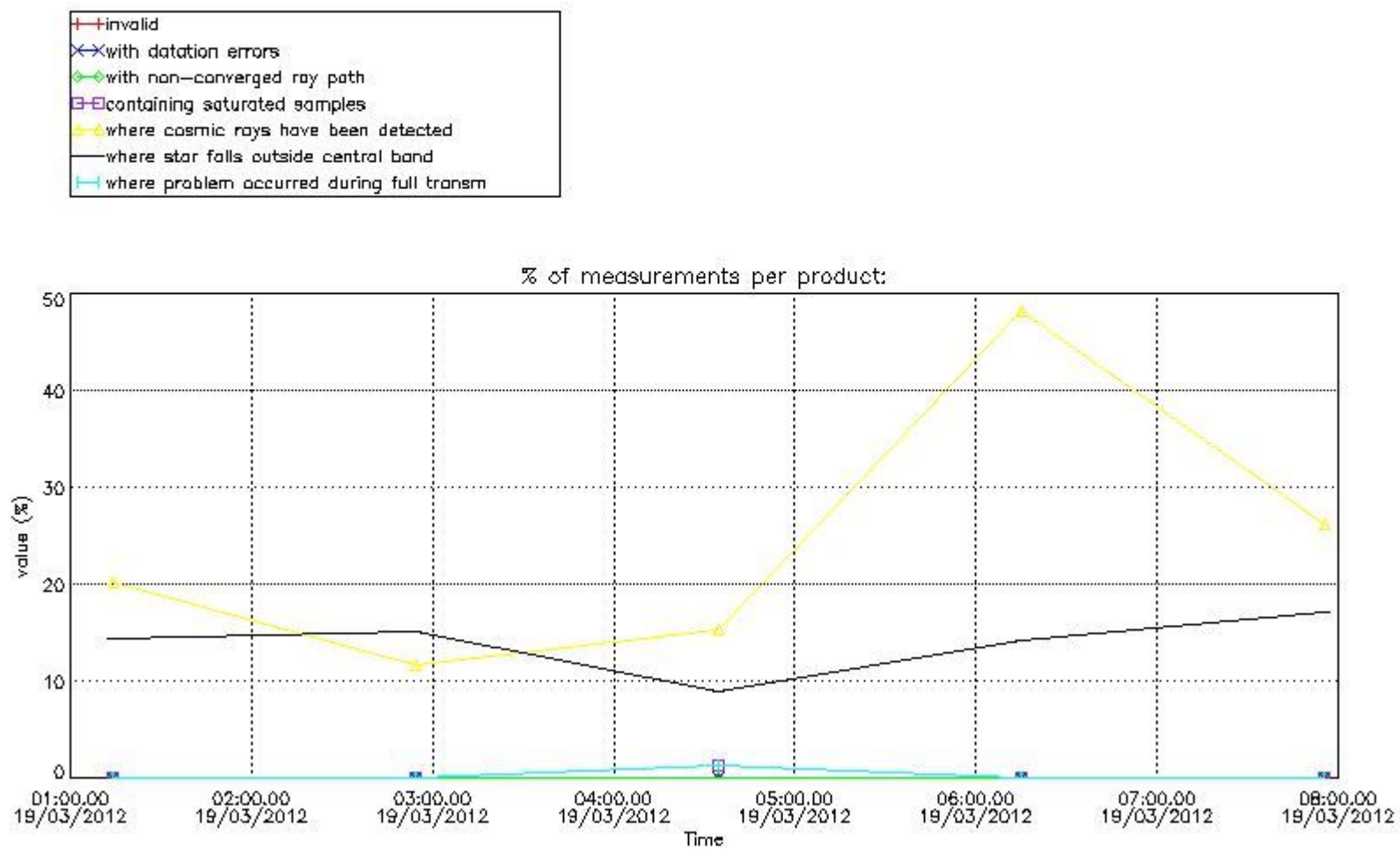
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##### 4.1.1 Plot level 1 quality information per product (time dependant): ENVI SAT ASCENDING passes

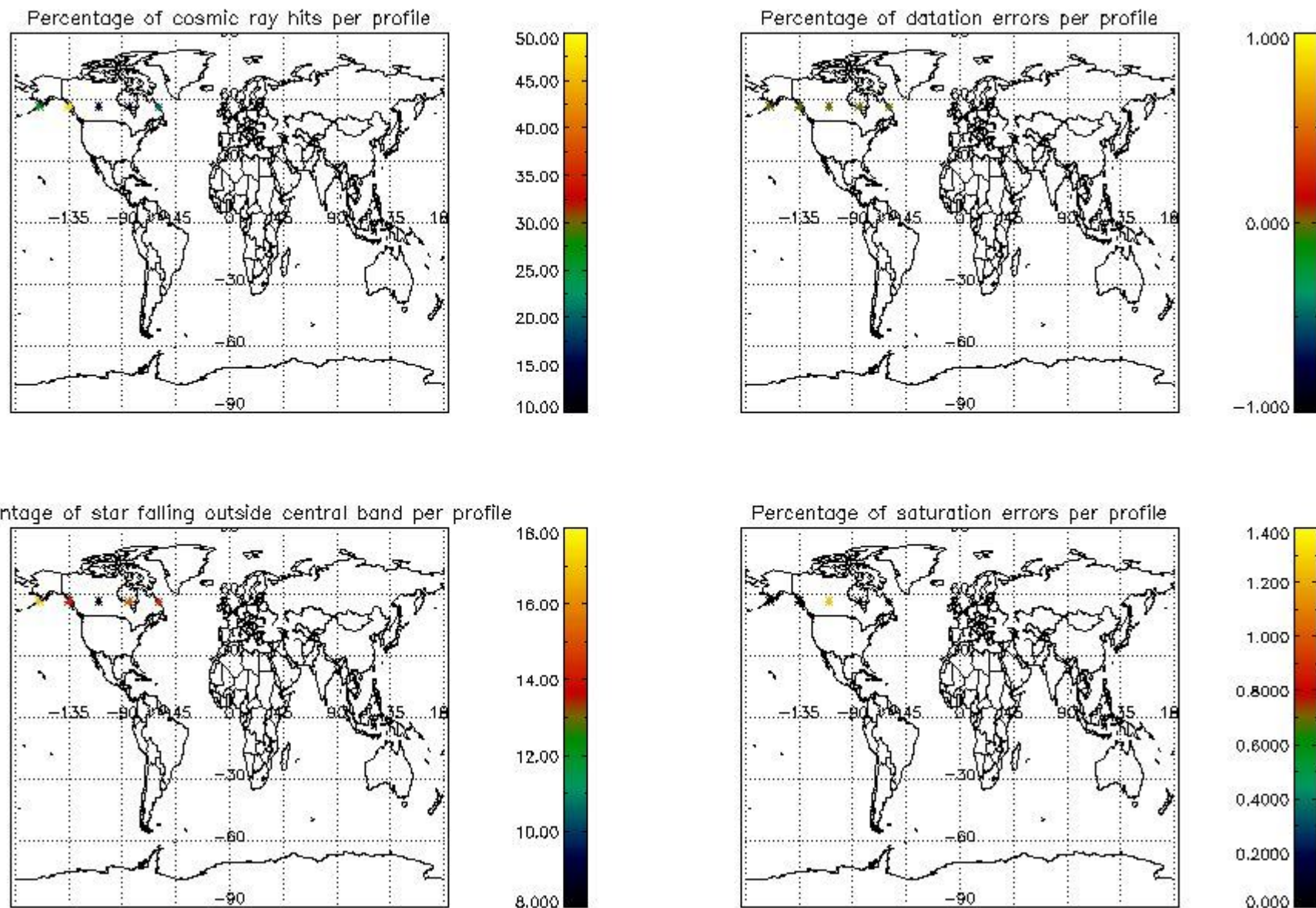


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

!Warning: No products without errors in descending found

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

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



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

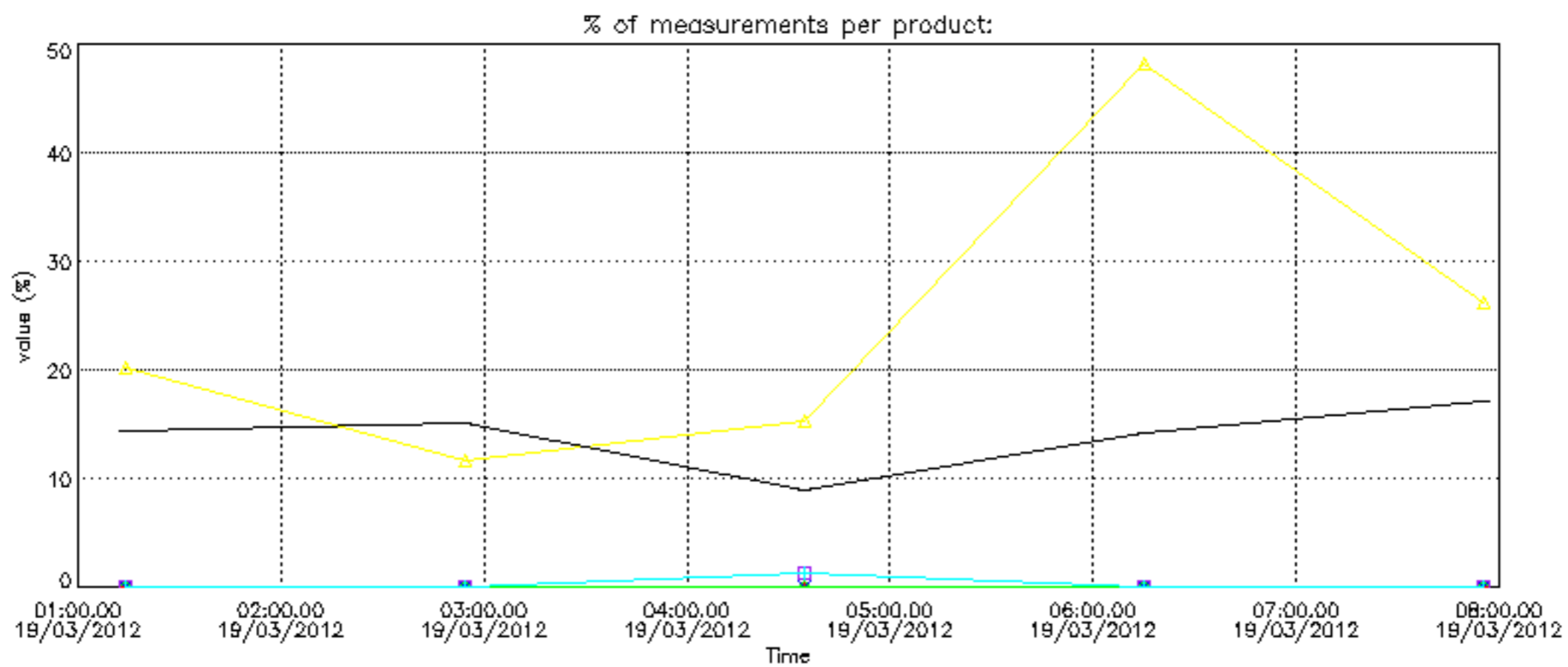
**!Warning: No products without errors in descending found**

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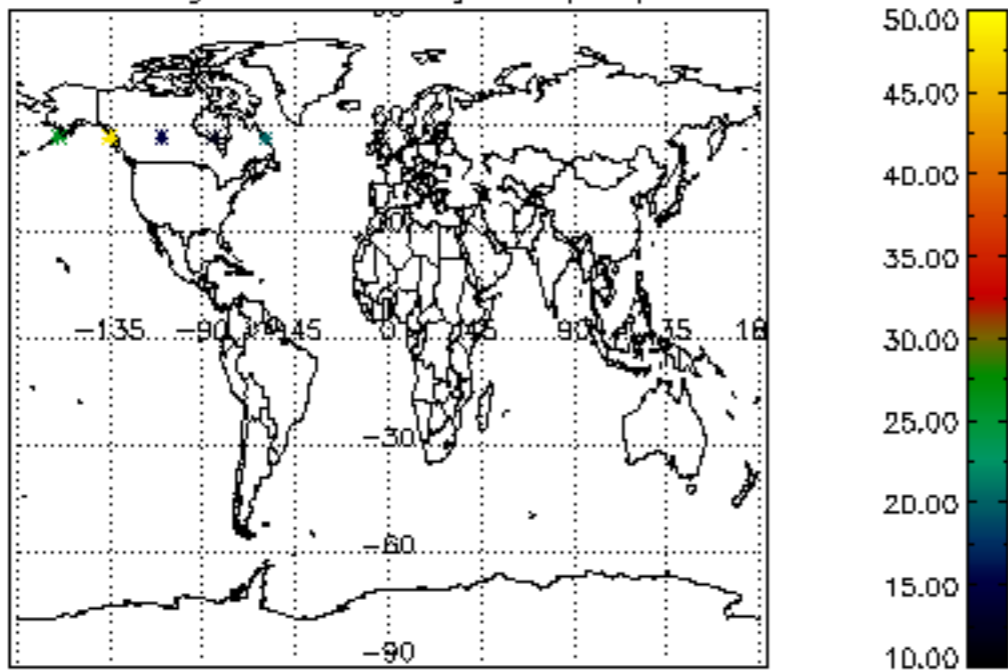
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CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-MAR-2012 01:14:11

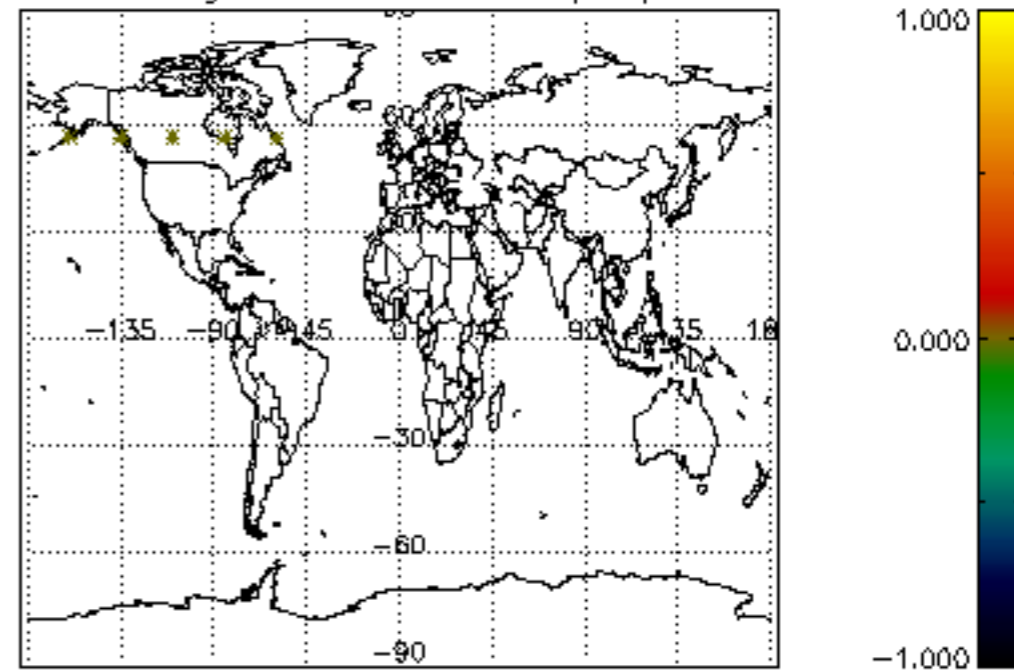




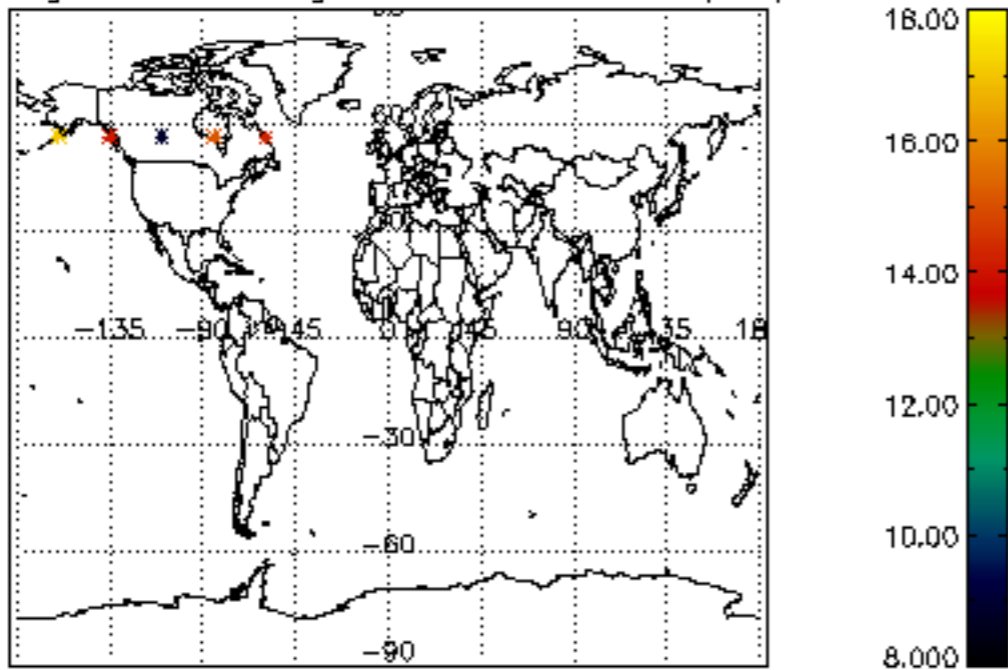
Percentage of cosmic ray hits per profile



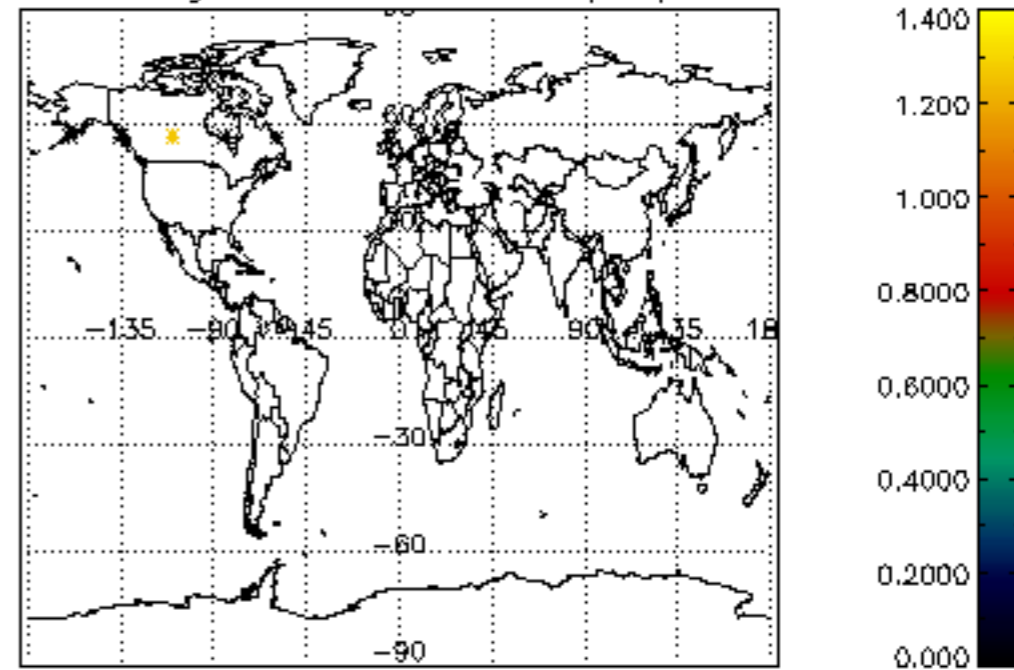
Percentage of datation errors per profile

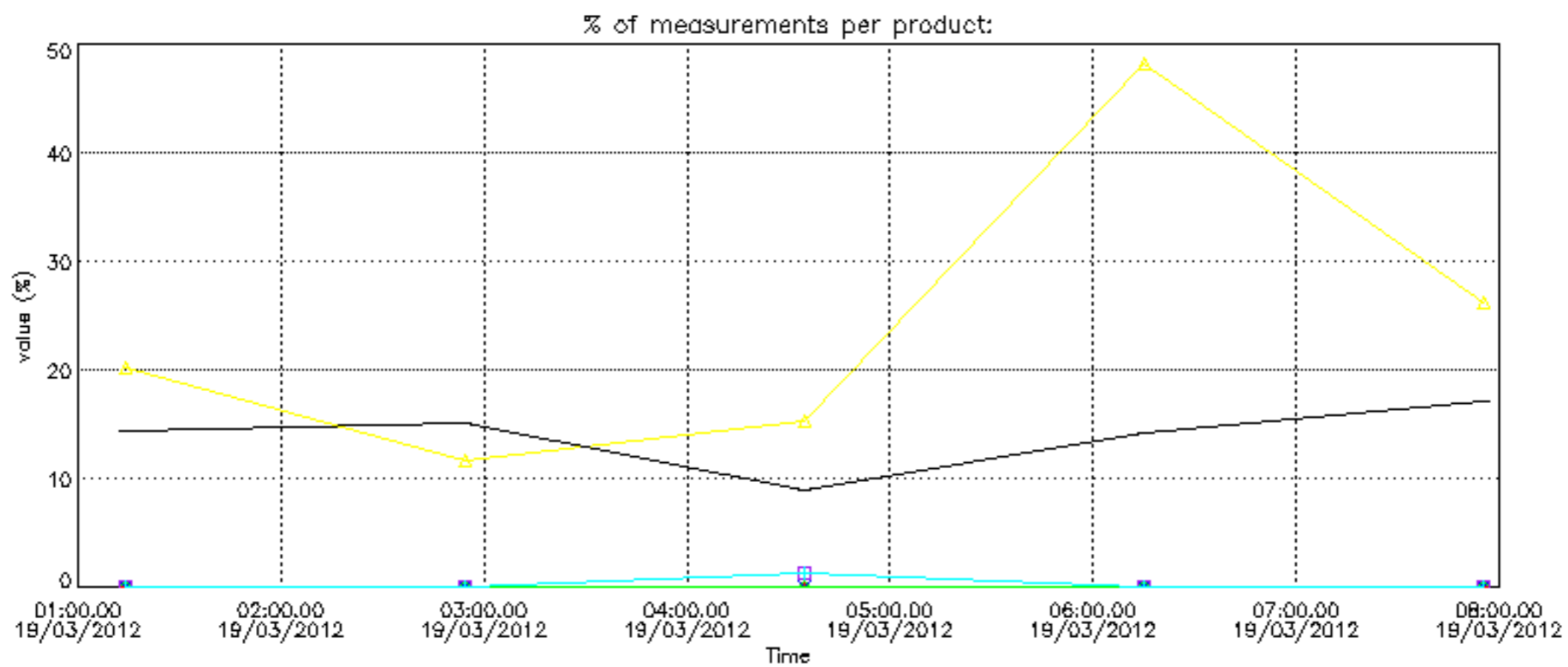


Percentage of star falling outside central band per profile

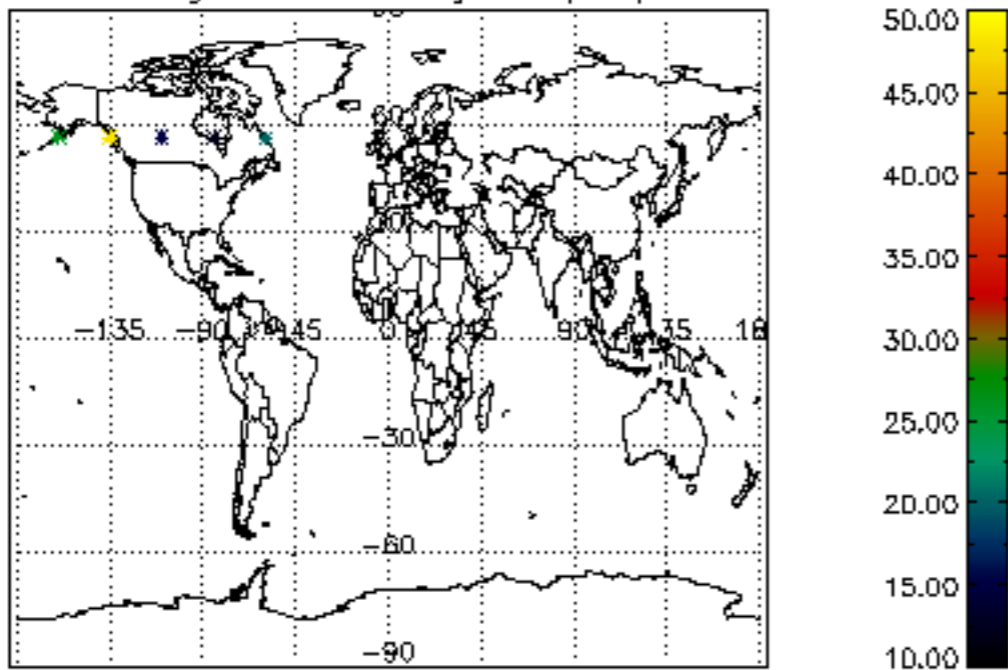


Percentage of saturation errors per profile

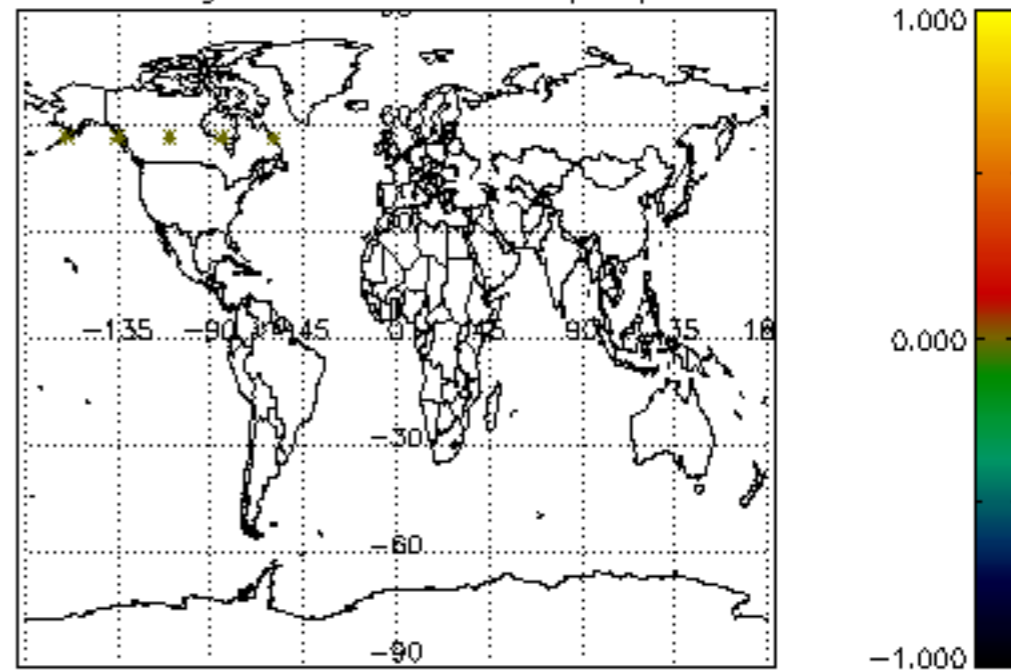




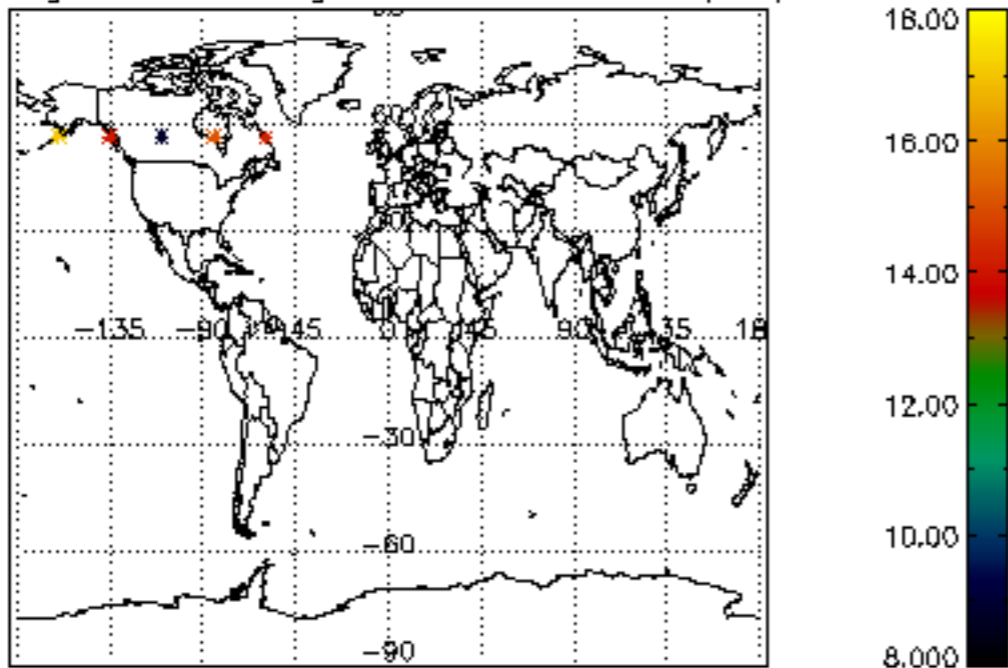
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

