

# GOMOS Level 2 Daily Report

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### [6. Auxiliary Data Files used for the production reported in section 2](#)

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	29APR2013 15:10:10
Data source version	GOMOS/6.01
Start time of products	13-09-2010 (13SEP2010 00:00:00)
Stop time of products	14-09-2010 (14SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	14
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__2PRFIN20100913_085955_000000652092_00494_44636_5513.N1	13-SEP-2010 08:59:55	Twilight	64.500	52	16Bet Cet	2.0370	4500.0	129	44636	No
2	GOM_NL__2PRFIN20100913_091250_000000522092_00494_44636_5514.N1	13-SEP-2010 09:12:50	Bright	51.500	140	88Gam Peg	2.8340	26000.	103	44636	No
3	GOM_NL__2PRFIN20100913_091720_000000522092_00494_44636_5515.N1	13-SEP-2010 09:17:20	Bright	52.000	58	21Alp And	2.0730	11000.	104	44636	No
4	GOM_NL__2PRFIN20100913_093330_000000602092_00494_44636_5516.N1	13-SEP-2010 09:33:30	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	44636	No
5	GOM_NL__2PRFIN20100913_094730_000000572092_00494_44636_5517.N1	13-SEP-2010 09:47:30	Bright	57.000	107	37The Aur	2.6490	11000.	114	44636	No
6	GOM_NL__2PRFIN20100913_095553_000000622092_00494_44636_5518.N1	13-SEP-2010 09:55:53	Straylight	61.500	44	24Gam Gem	1.9280	11000.	123	44636	No
7	GOM_NL__2PRFIN20100913_104031_000000632092_00495_44637_5563.N1	13-SEP-2010 10:40:31	Twilight	62.500	52	16Bet Cet	2.0370	4500.0	125	44637	No
8	GOM_NL__2PRFIN20100913_105325_000000522092_00495_44637_5564.N1	13-SEP-2010 10:53:25	Bright	51.500	140	88Gam Peg	2.8340	26000.	103	44637	No
9	GOM_NL__2PRFIN20100913_105755_000000522092_00495_44637_5565.N1	13-SEP-2010 10:57:55	Bright	52.000	58	21Alp And	2.0730	11000.	104	44637	No
10	GOM_NL__2PRFIN20100913_112805_000000542092_00495_44637_5566.N1	13-SEP-2010 11:28:05	Bright	54.000	107	37The Aur	2.6490	11000.	108	44637	No
11	GOM_NL__2PRFIN20100913_113629_000000592092_00495_44637_5567.N1	13-SEP-2010 11:36:29	Straylight	59.000	44	24Gam Gem	1.9280	11000.	118	44637	No
12	GOM_NL__2PRFIN20100913_123831_000000492092_00496_44638_5615.N1	13-SEP-2010 12:38:31	Bright	49.000	58	21Alp And	2.0730	11000.	98	44638	No
13	GOM_NL__2PRFIN20100913_130841_000000592092_00496_44638_5616.N1	13-SEP-2010 13:08:41	Bright	59.000	107	37The Aur	2.6490	11000.	118	44638	No
14	GOM_NL__2PRFIN20100913_131706_000000632092_00496_44638_5617.N1	13-SEP-2010 13:17:06	Straylight	62.500	44	24Gam Gem	1.9280	11000.	125	44638	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.

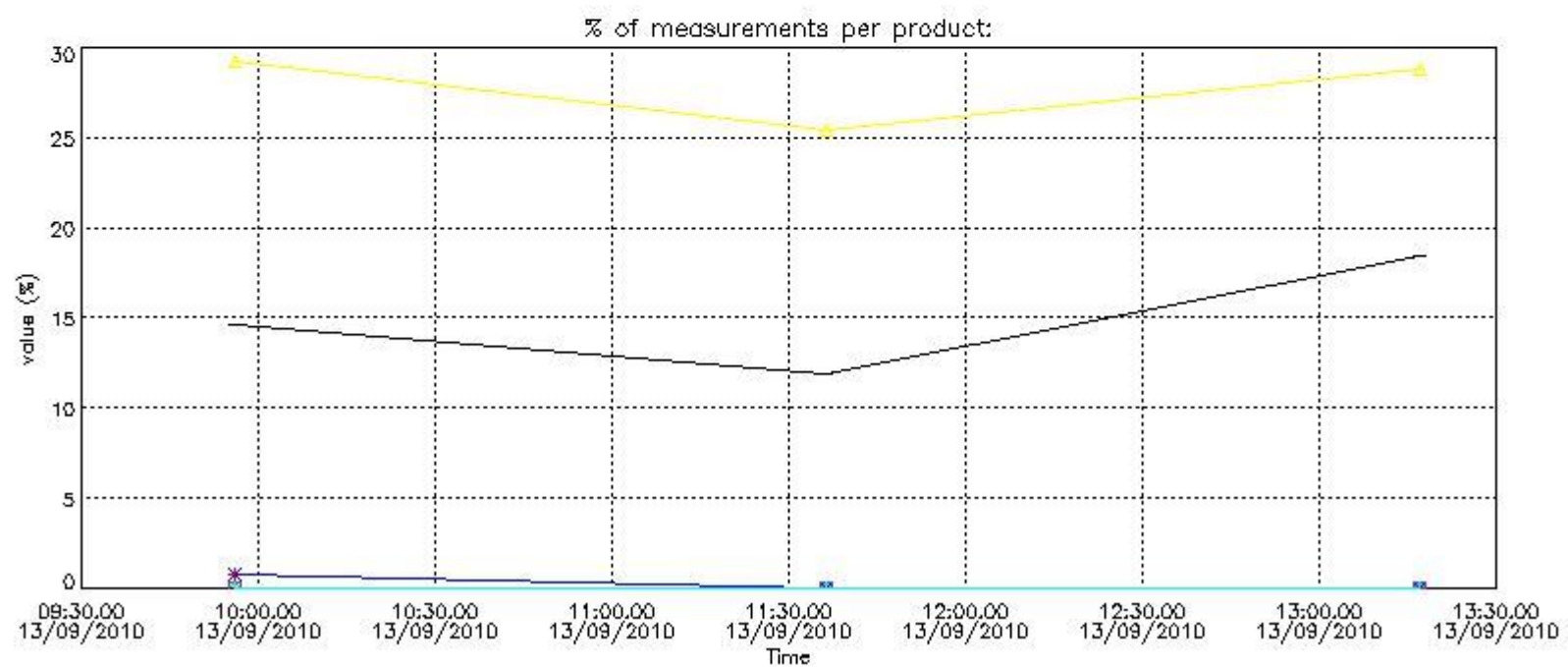
### 3.1 Plot quality information per product (time dependant)

## 4. Level 1 quality information per product

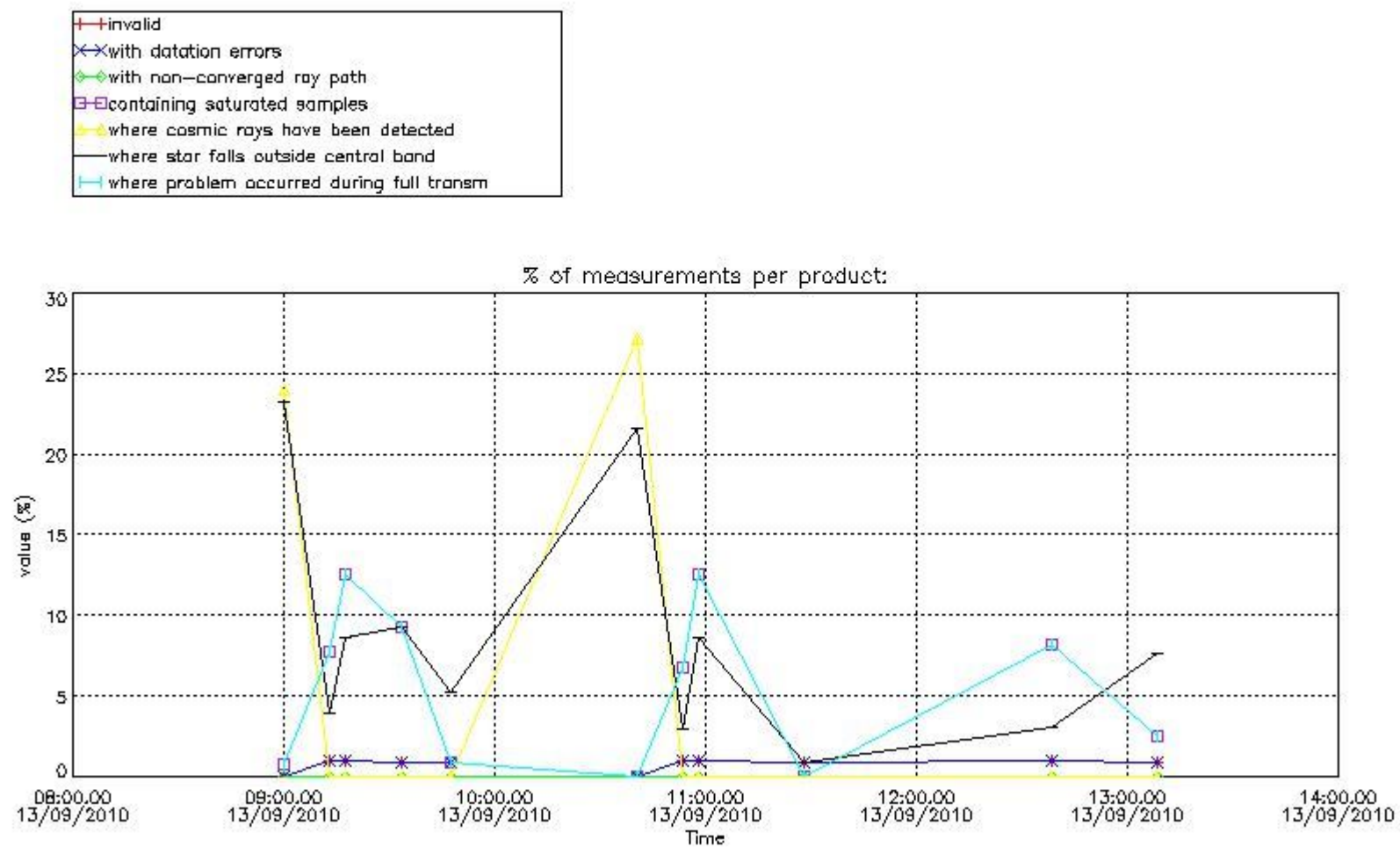
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



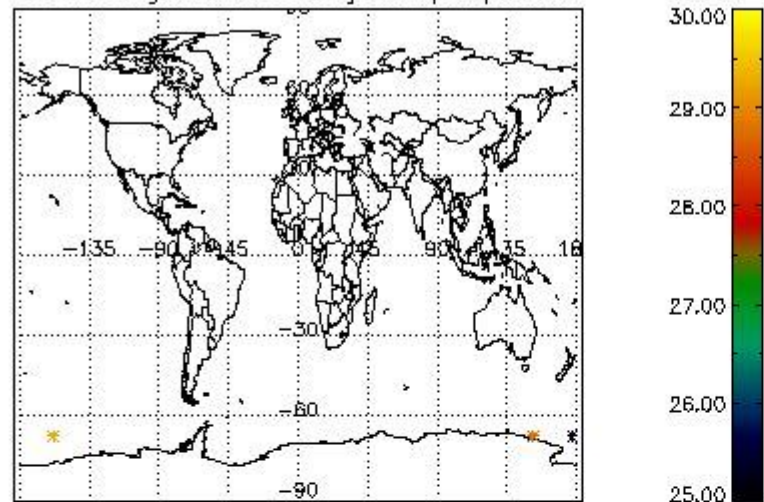
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



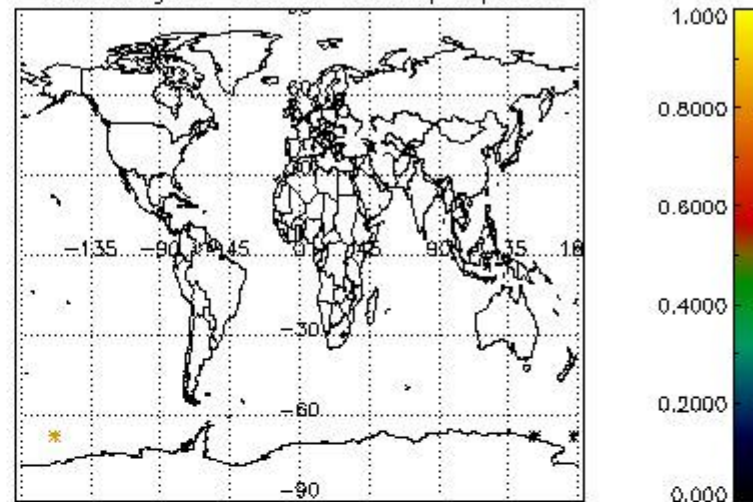
4.2 Plot quality information per product coming from level 1b processing (world map)

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

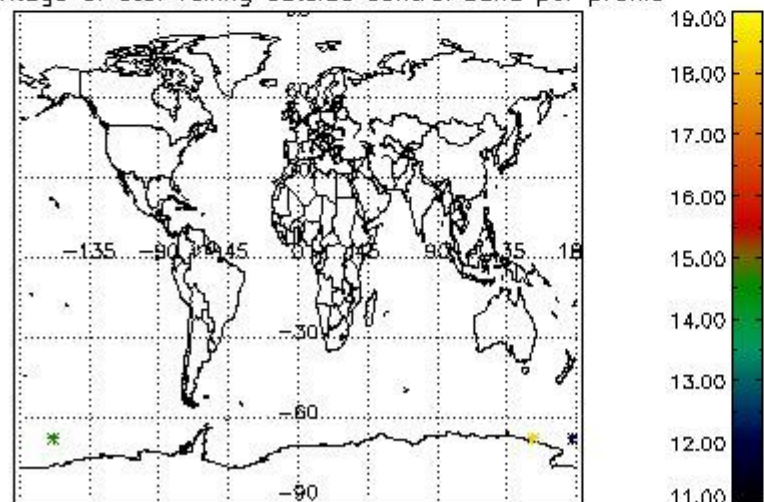
Percentage of cosmic ray hits per profile



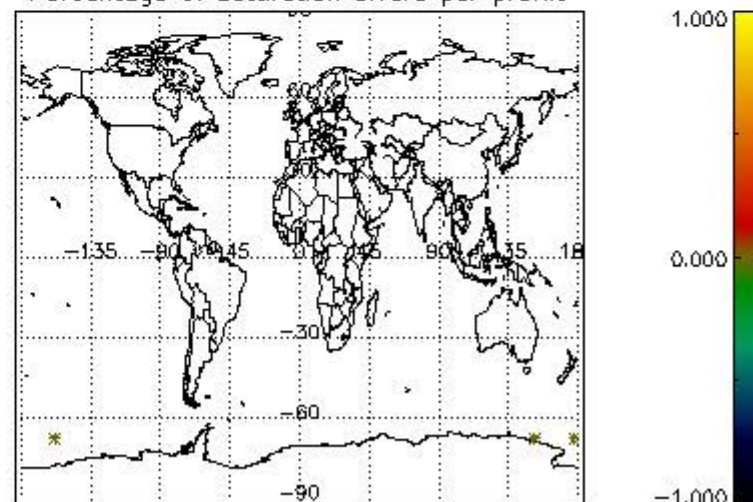
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

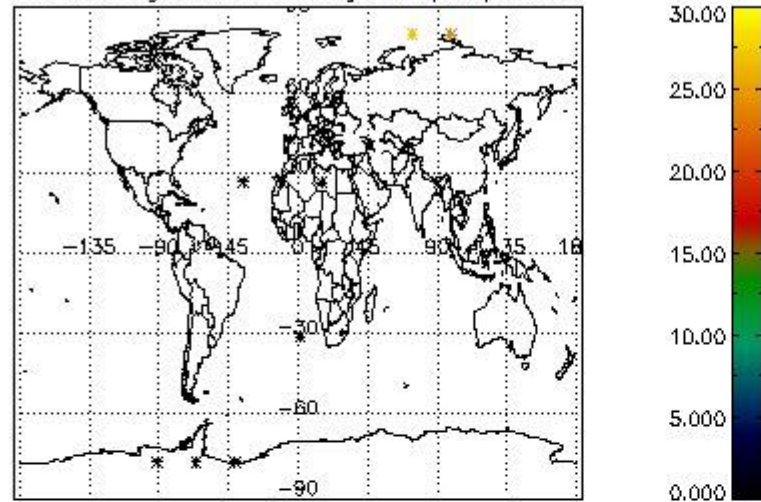


Percentage of saturation errors per profile

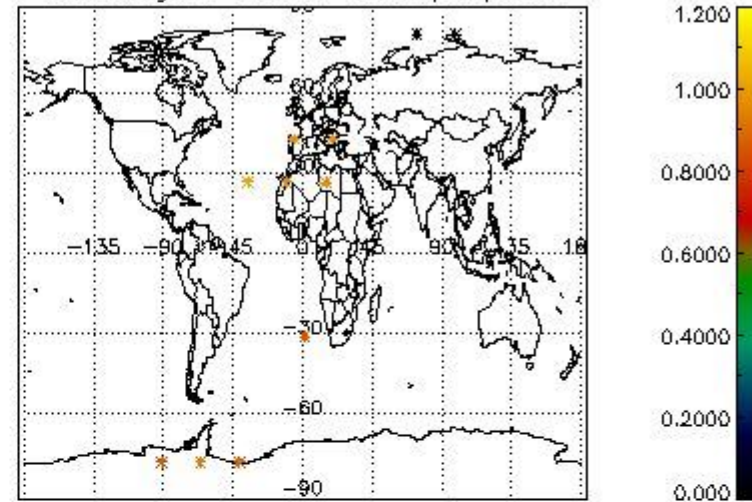


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

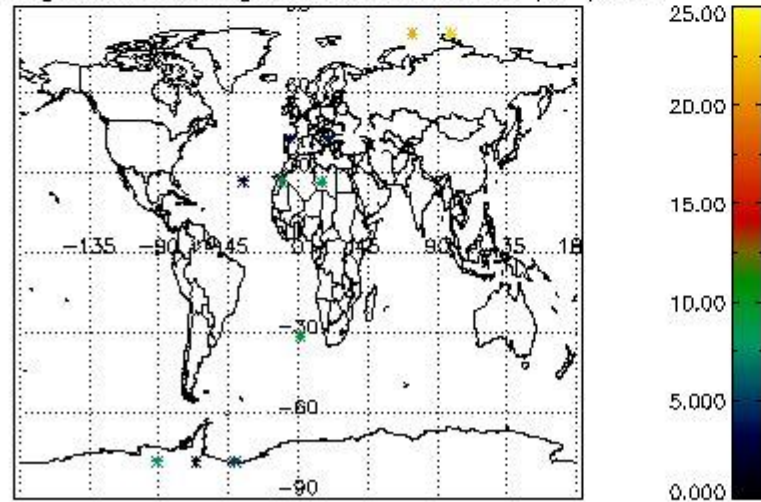
Percentage of cosmic ray hits per profile



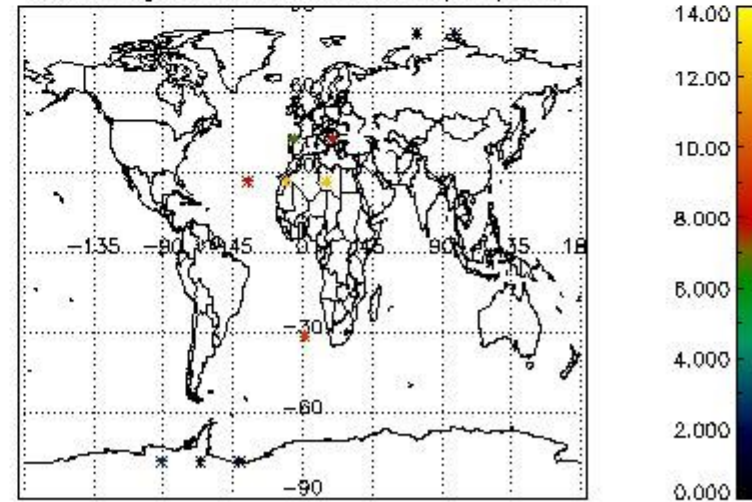
Percentage of datation errors per profile



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	13-SEP-2010 08:59:55
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-SEP-2010 08:59:55
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-SEP-2010 08:59:55

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9	GOM_NL__2PRFIN20100913_105755_000000522092_00495_44637_5565.N1	13-SEP-2010 10:57:55	Bright	52.000	58	21Alp And	2.0730	11000.	104	44637	No
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12	GOM_NL__2PRFIN20100913_123831_000000492092_00496_44638_5615.N1	13-SEP-2010 12:38:31	Bright	49.000	58	21Alp And	2.0730	11000.	98	44638	No
13	GOM_NL__2PRFIN20100913_130841_000000592092_00496_44638_5616.N1	13-SEP-2010 13:08:41	Bright	59.000	107	37The Aur	2.6490	11000.	118	44638	No
14	GOM_NL__2PRFIN20100913_131706_000000632092_00496_44638_5617.N1	13-SEP-2010 13:17:06	Straylight	62.500	44	24Gam Gem	1.9280	11000.	125	44638	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)

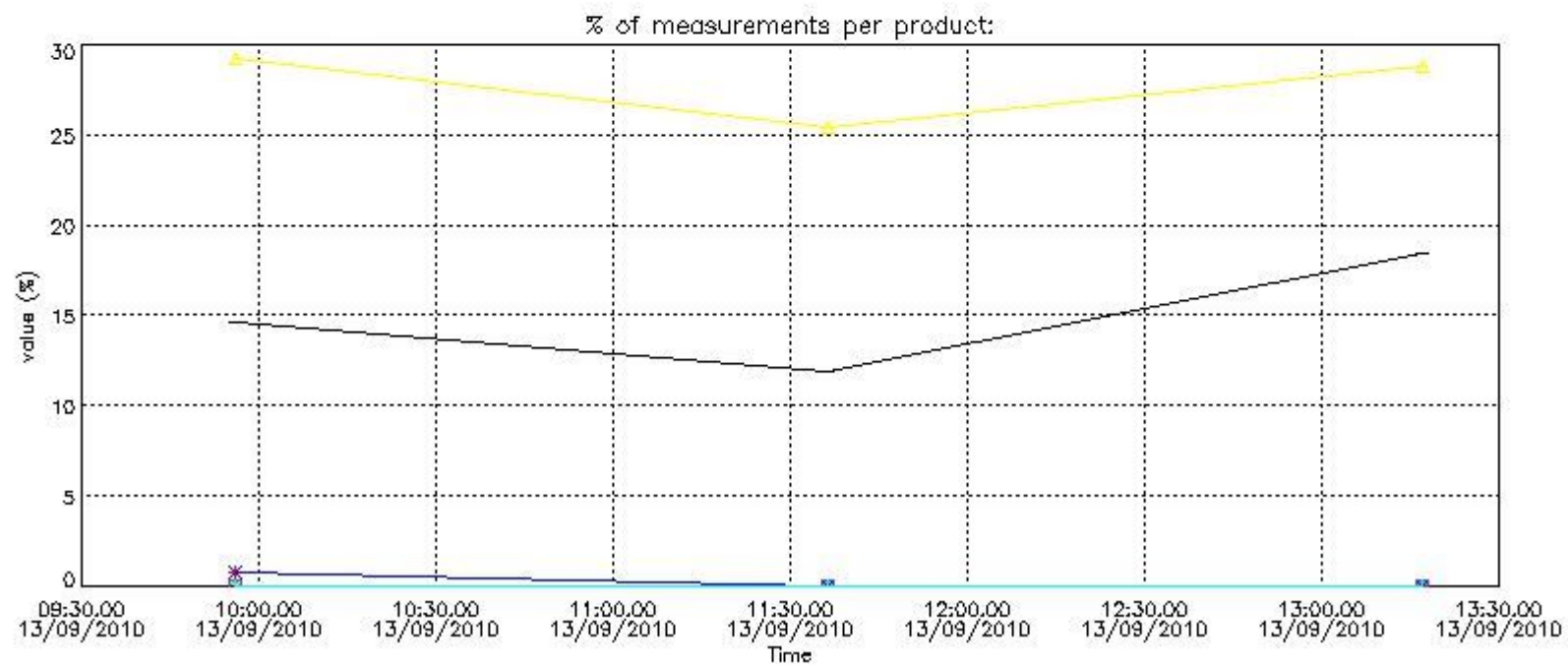
## 4. Level 1 quality information per product

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.

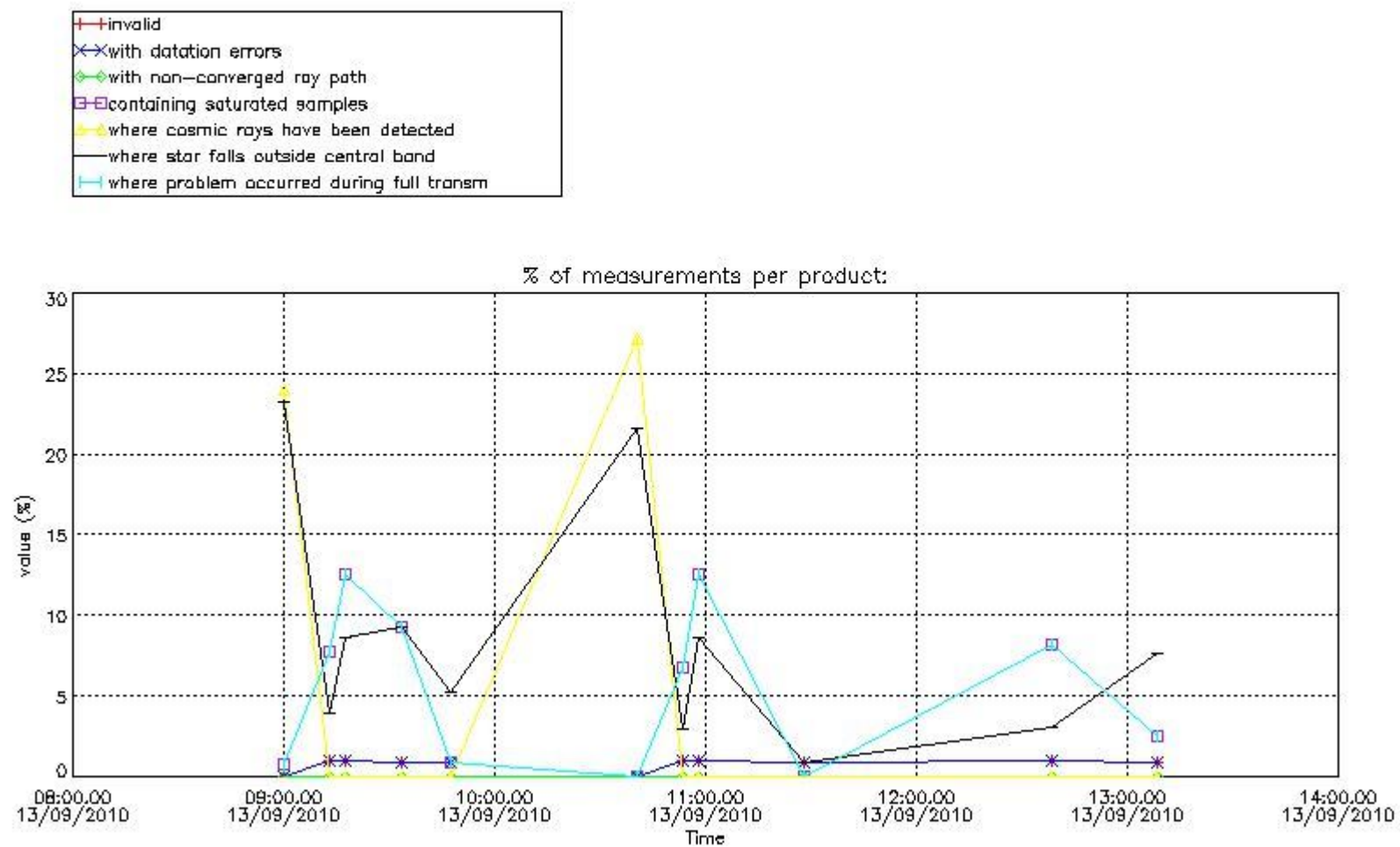
### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





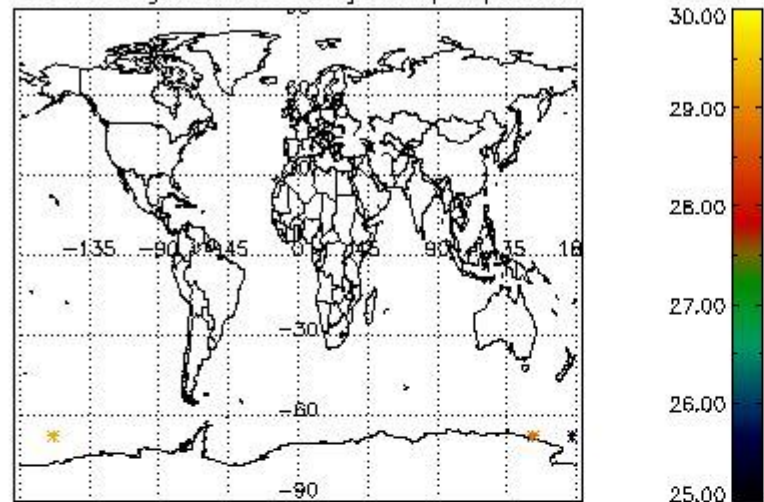
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



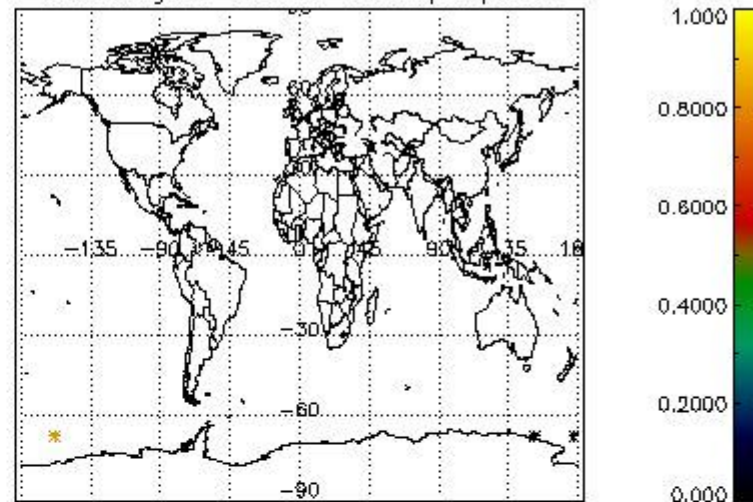
4.2 Plot quality information per product coming from level 1b processing (world map)

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

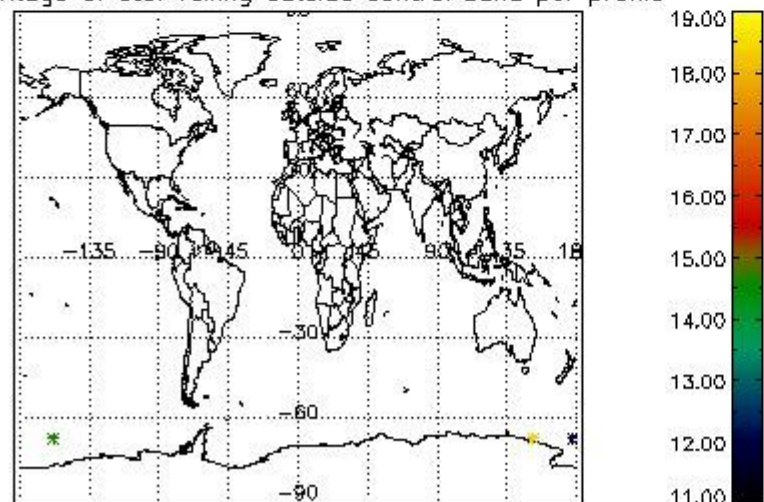
Percentage of cosmic ray hits per profile



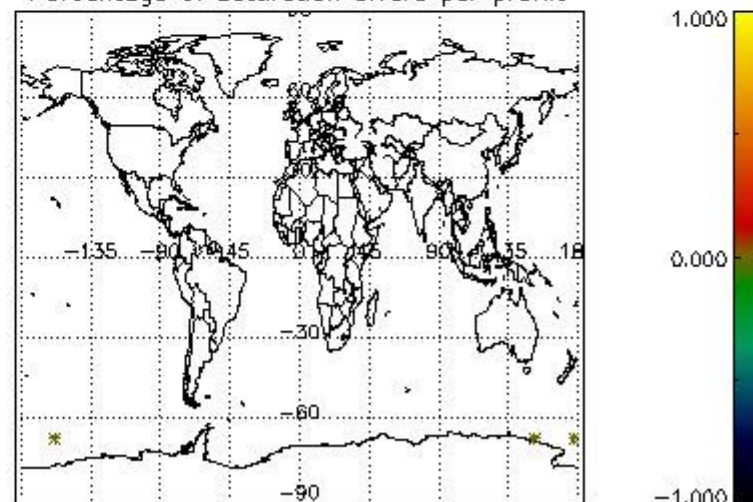
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

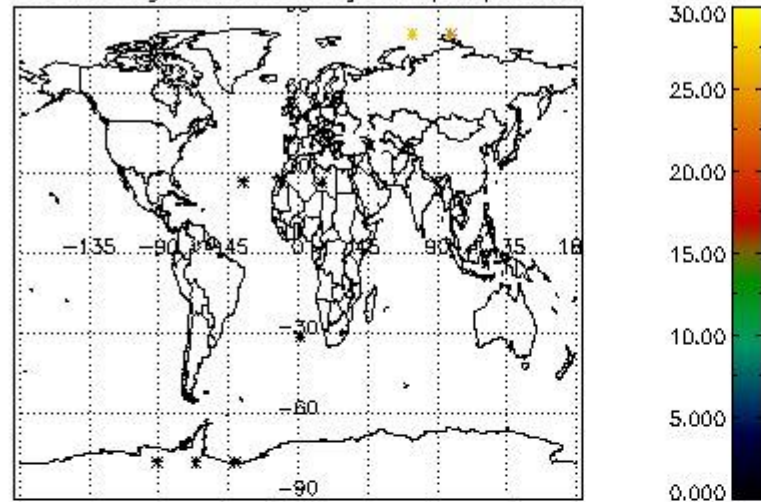


Percentage of saturation errors per profile

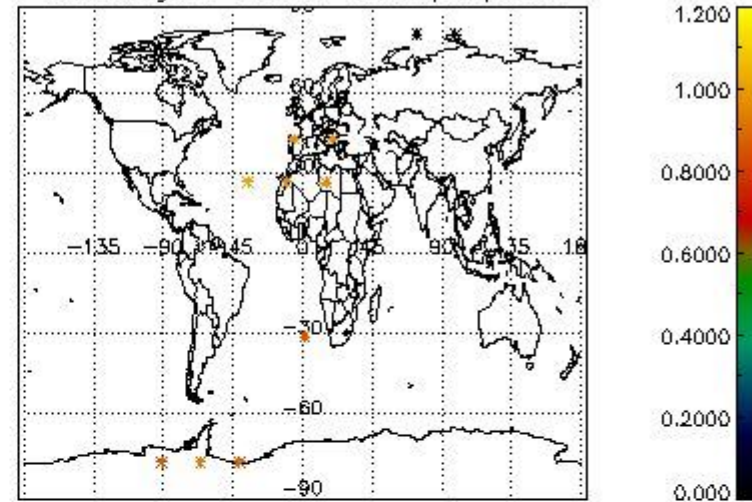


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

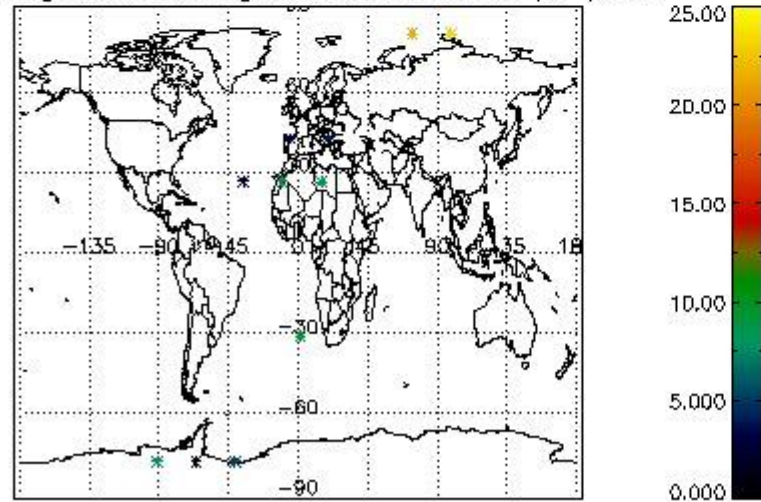
Percentage of cosmic ray hits per profile



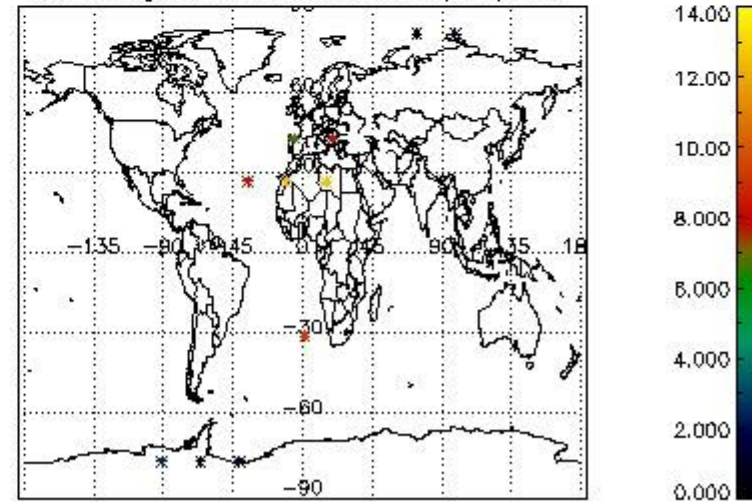
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



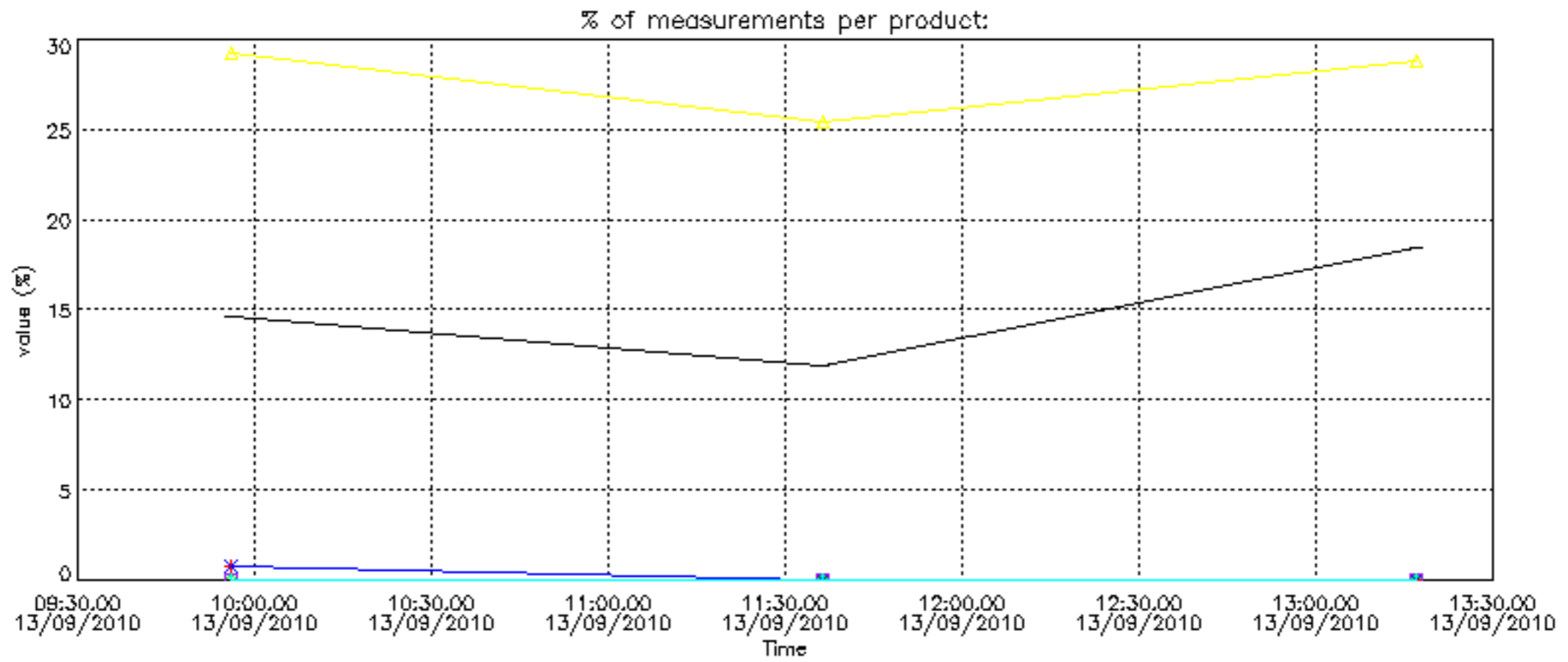
Percentage of saturation errors per profile

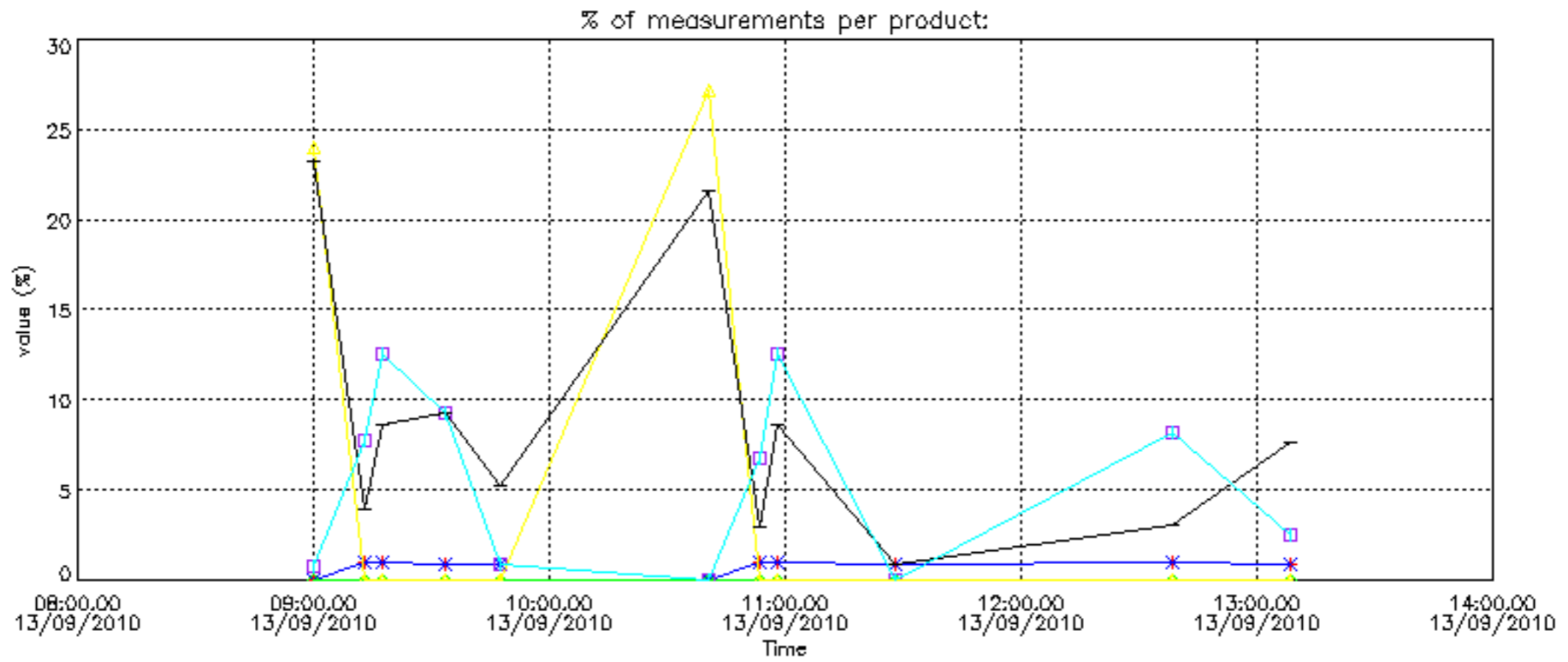


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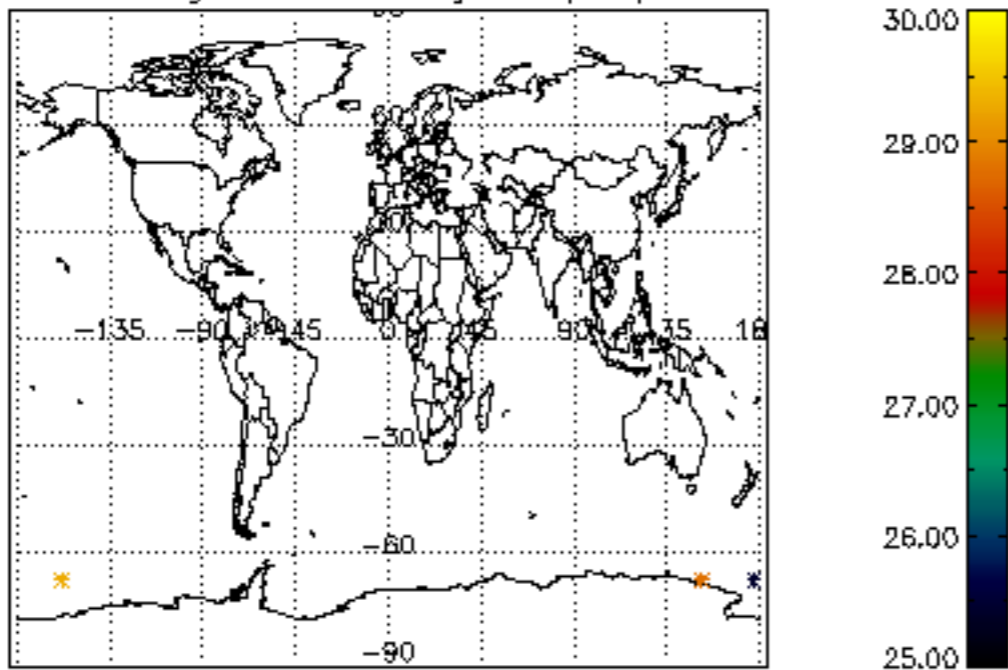
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-SEP-2010 08:59:55
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-SEP-2010 08:59:55
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-SEP-2010 08:59:55

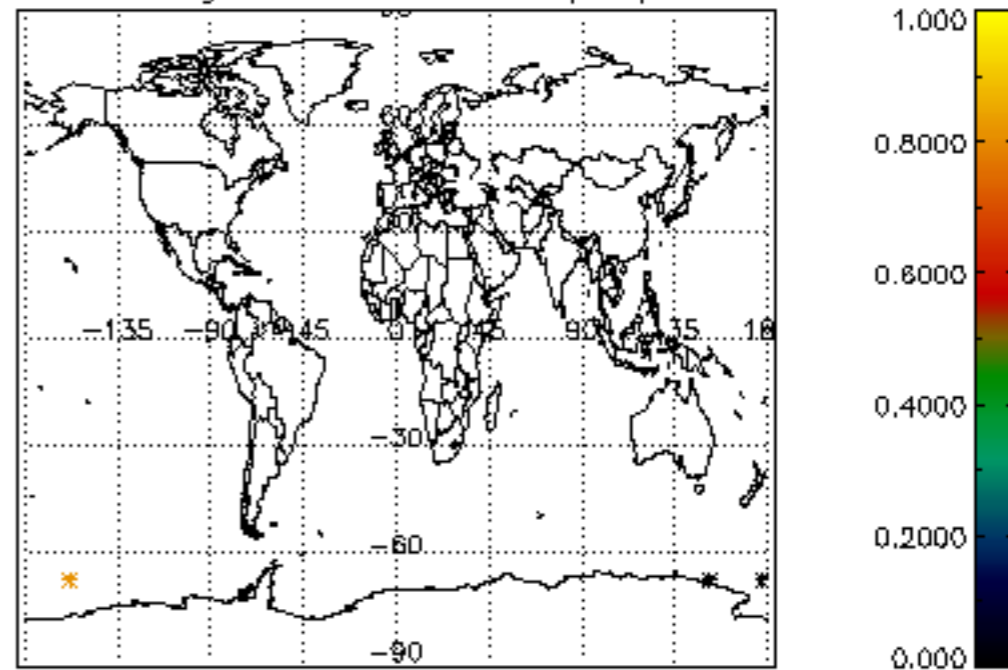




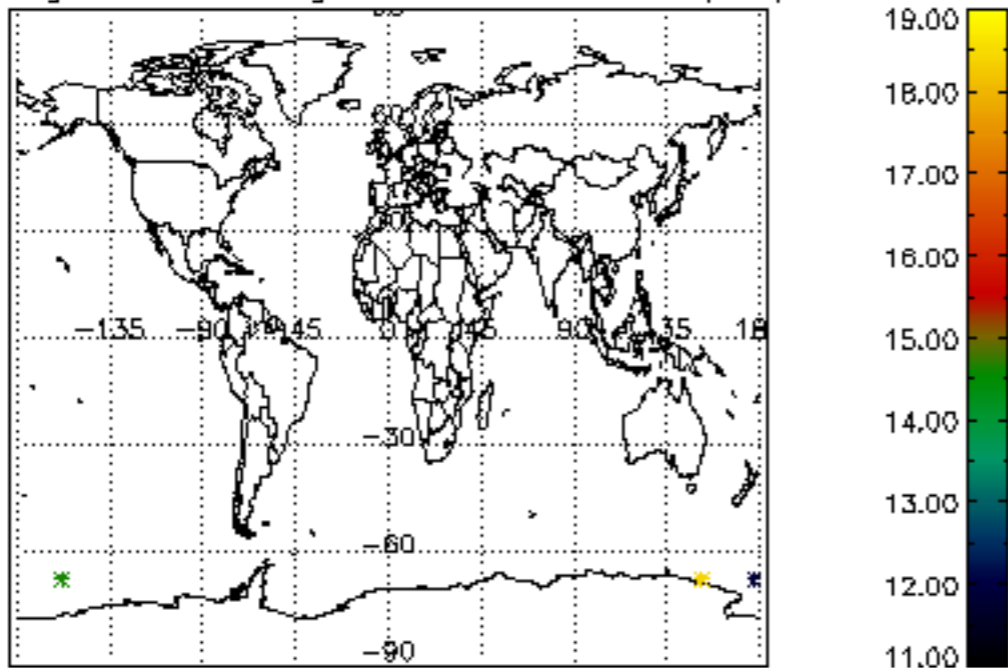
Percentage of cosmic ray hits per profile



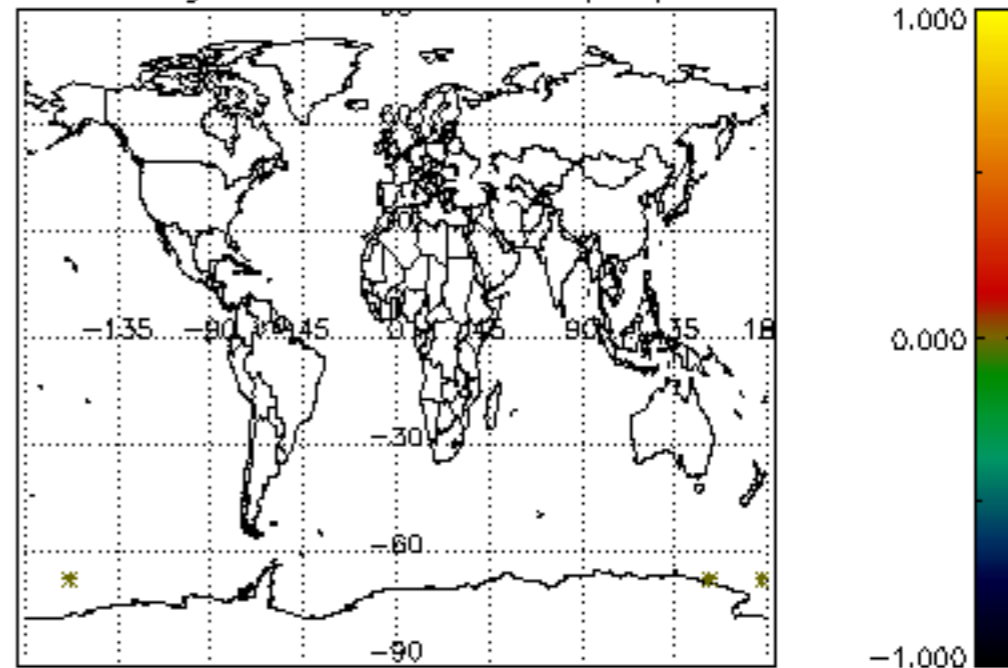
Percentage of datation errors per profile



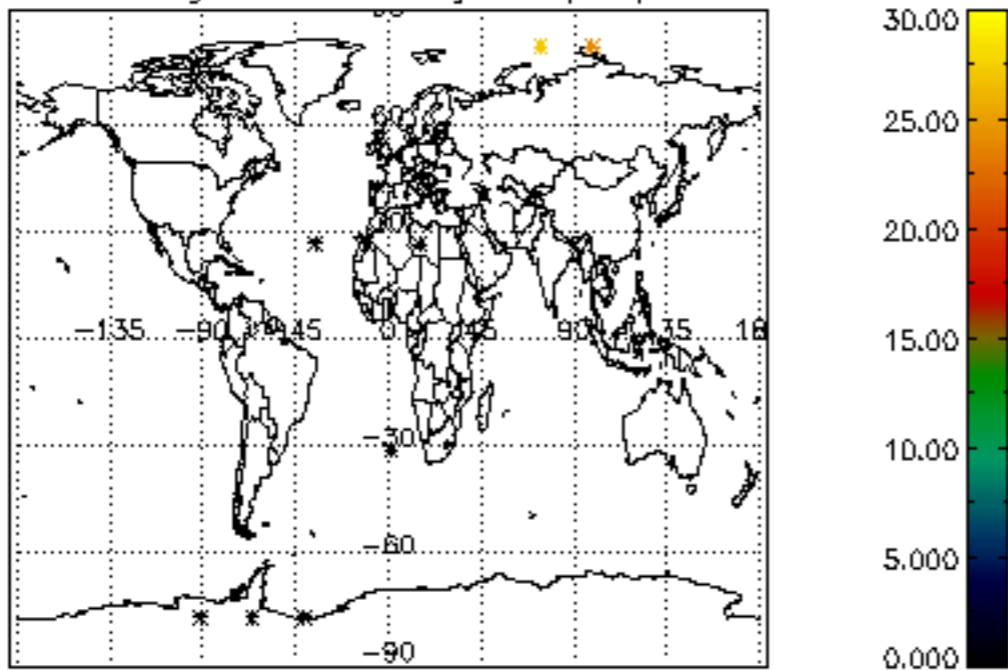
Percentage of star falling outside central band per profile



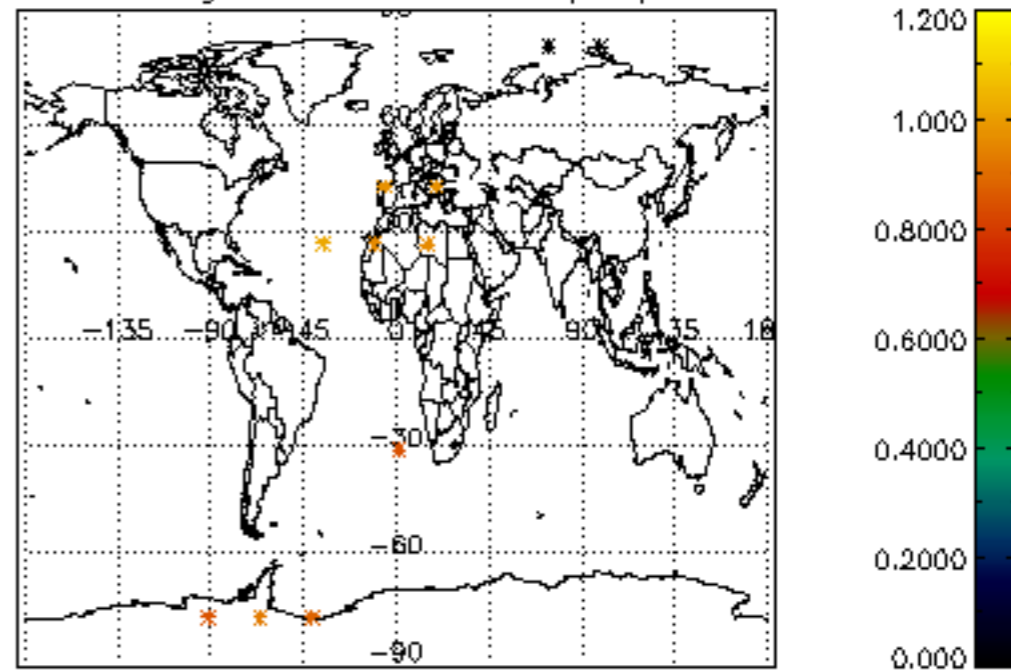
Percentage of saturation errors per profile



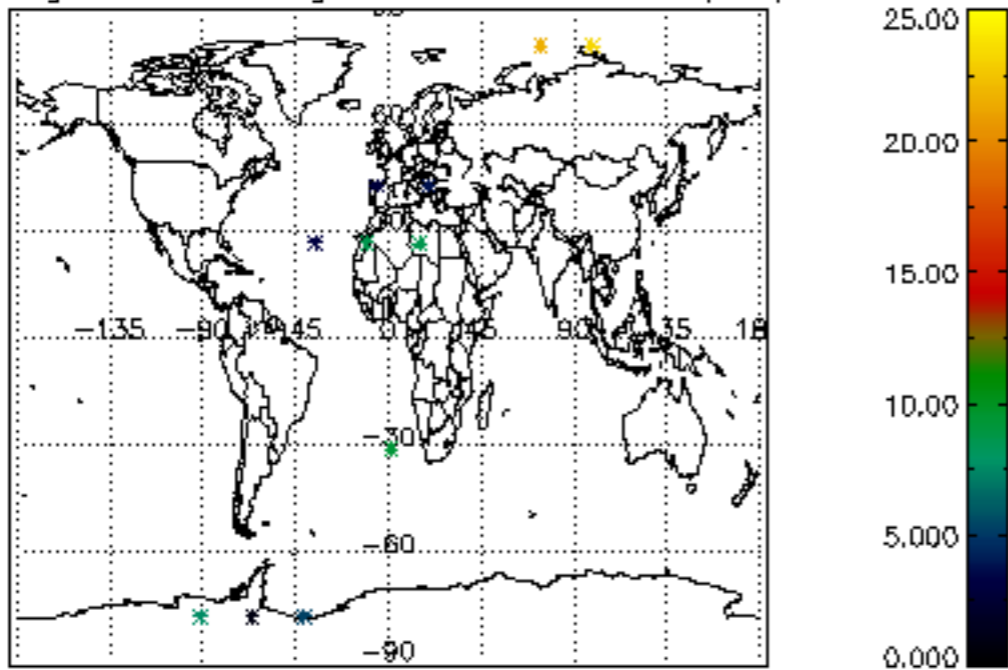
Percentage of cosmic ray hits per profile



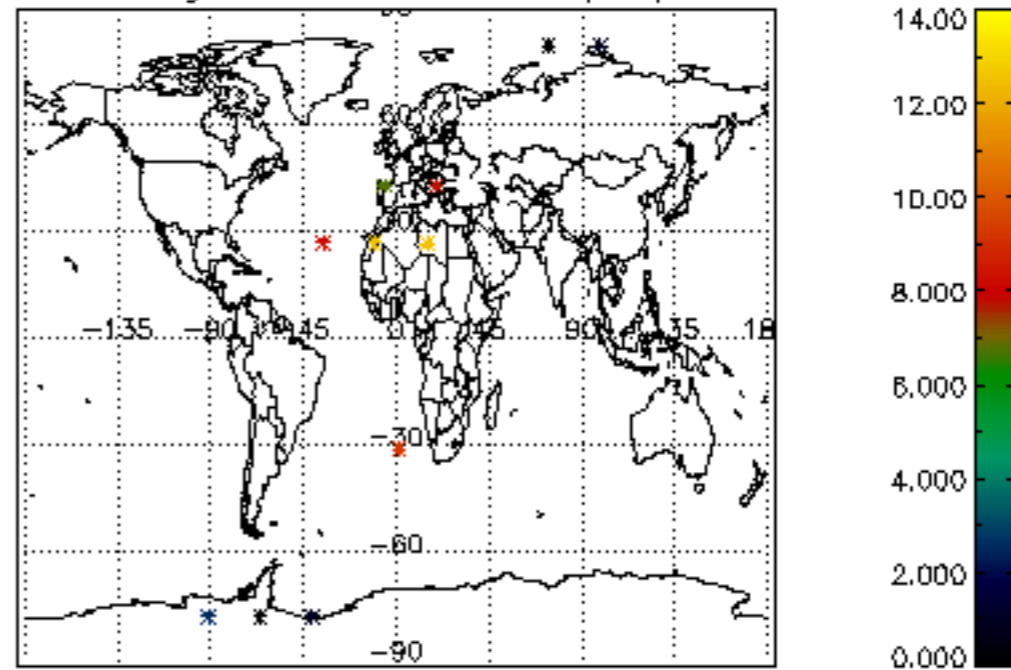
Percentage of datation errors per profile



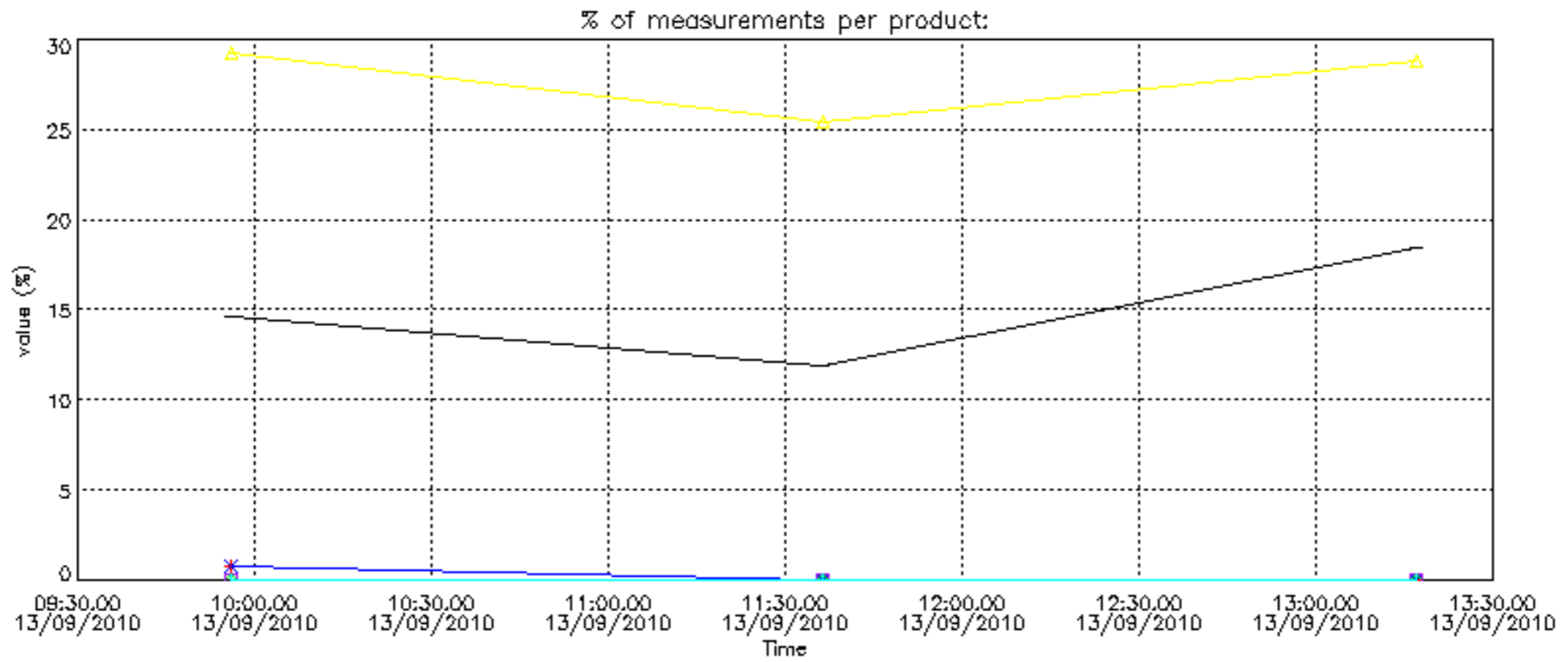
Percentage of star falling outside central band per profile

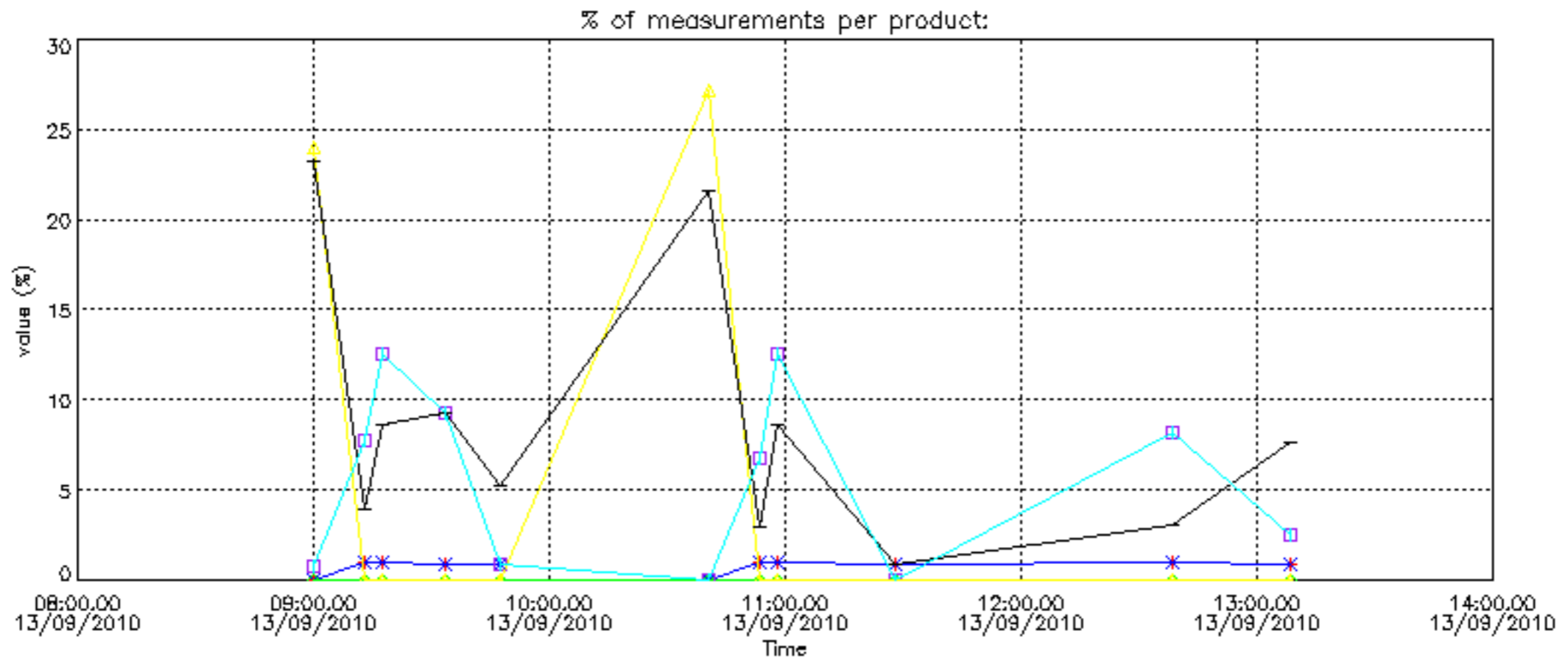


Percentage of saturation errors per profile

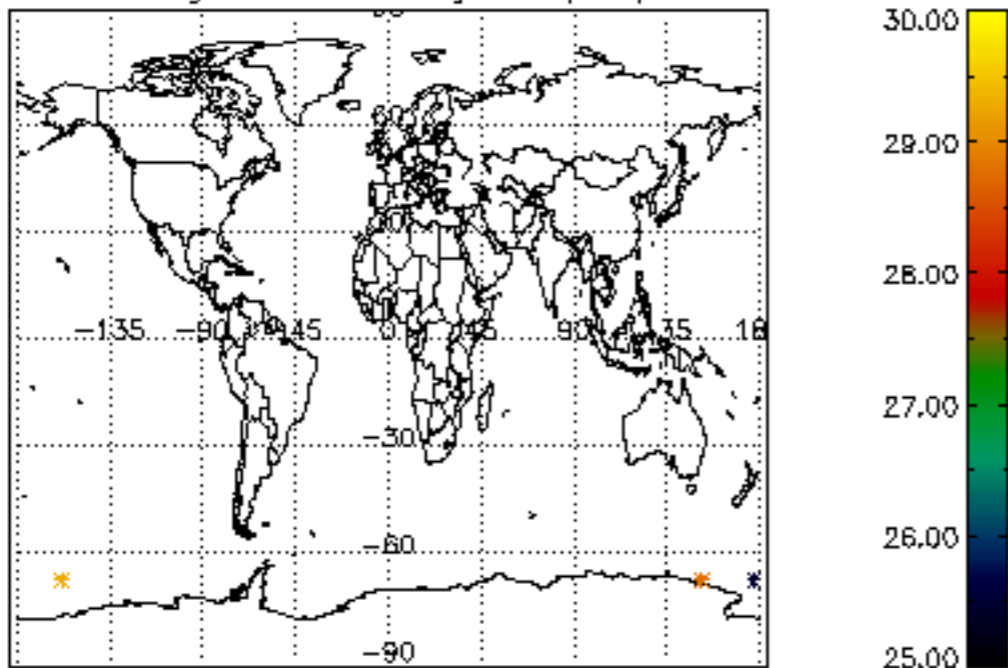




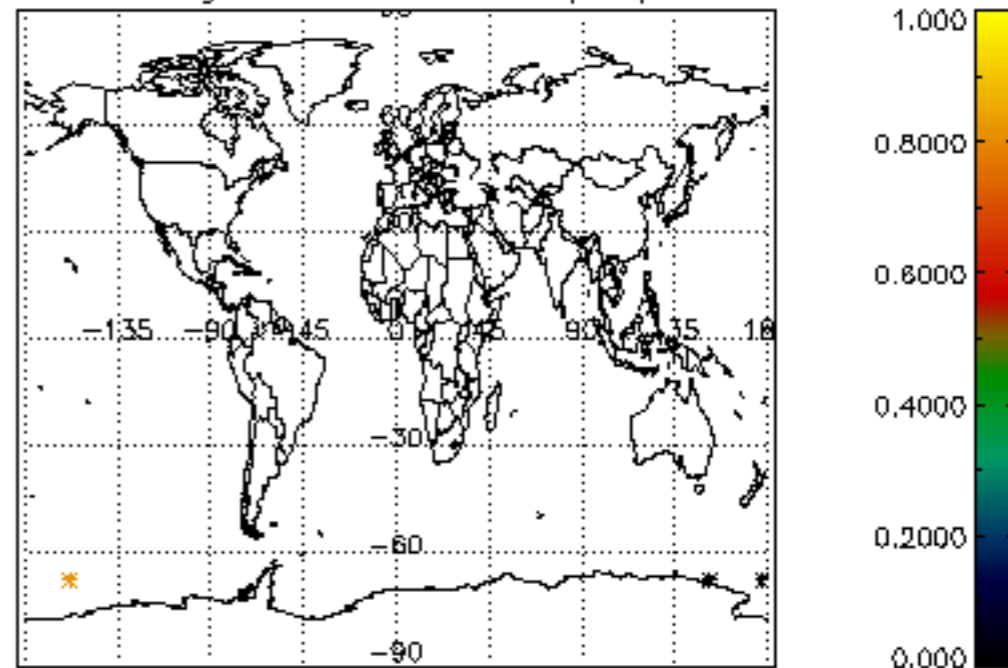




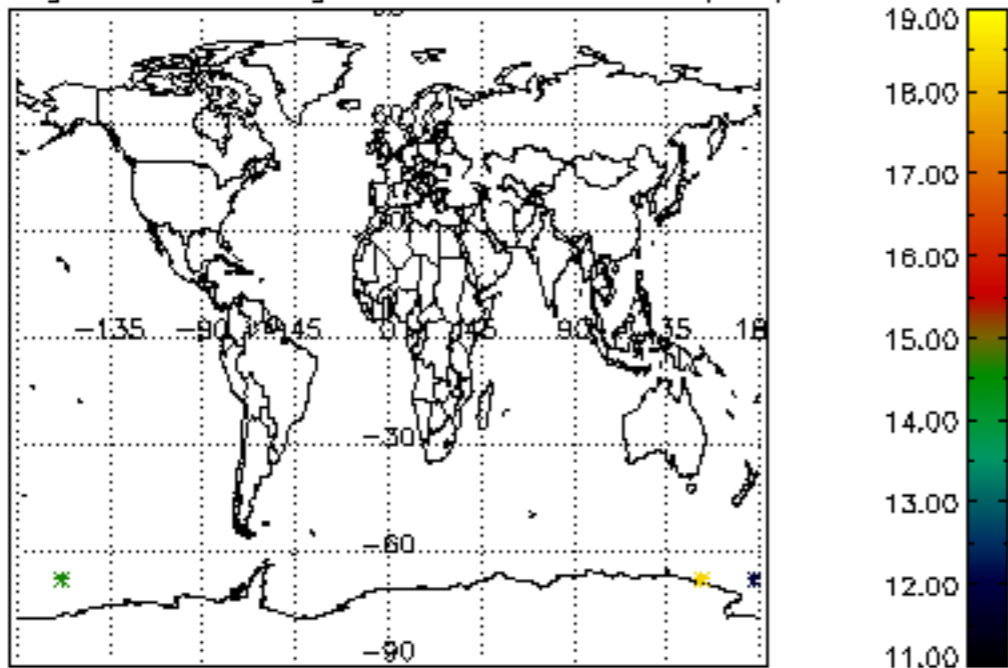
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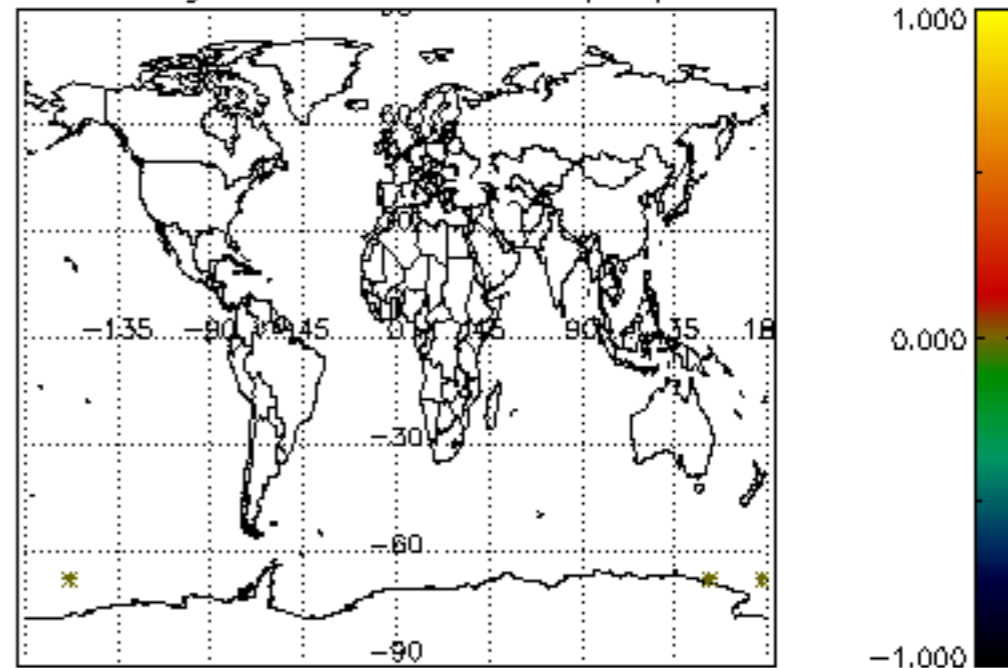
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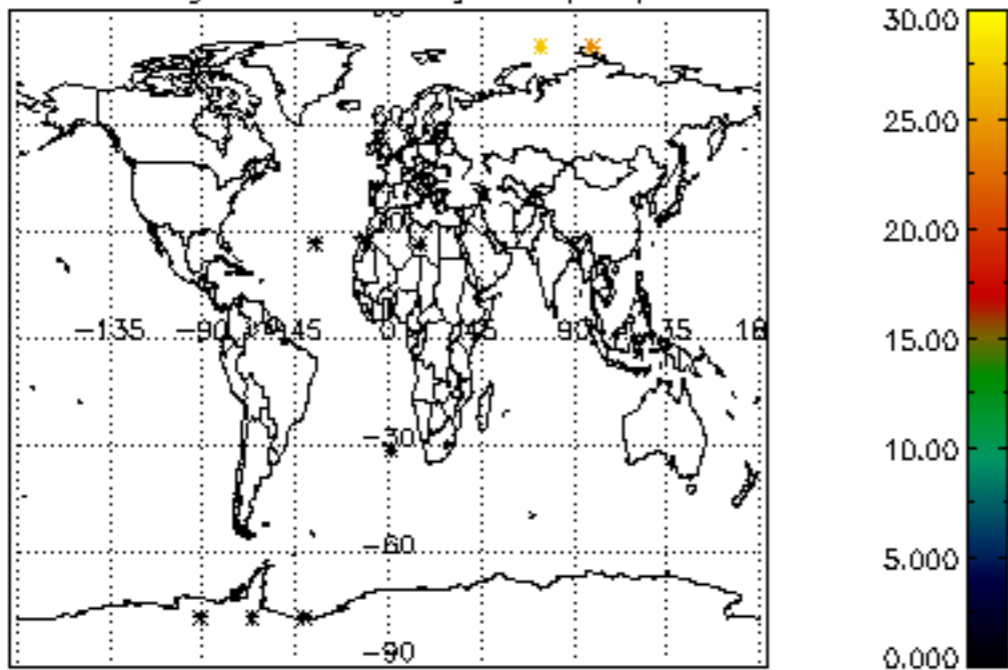
Percentage of star falling outside central band per profile



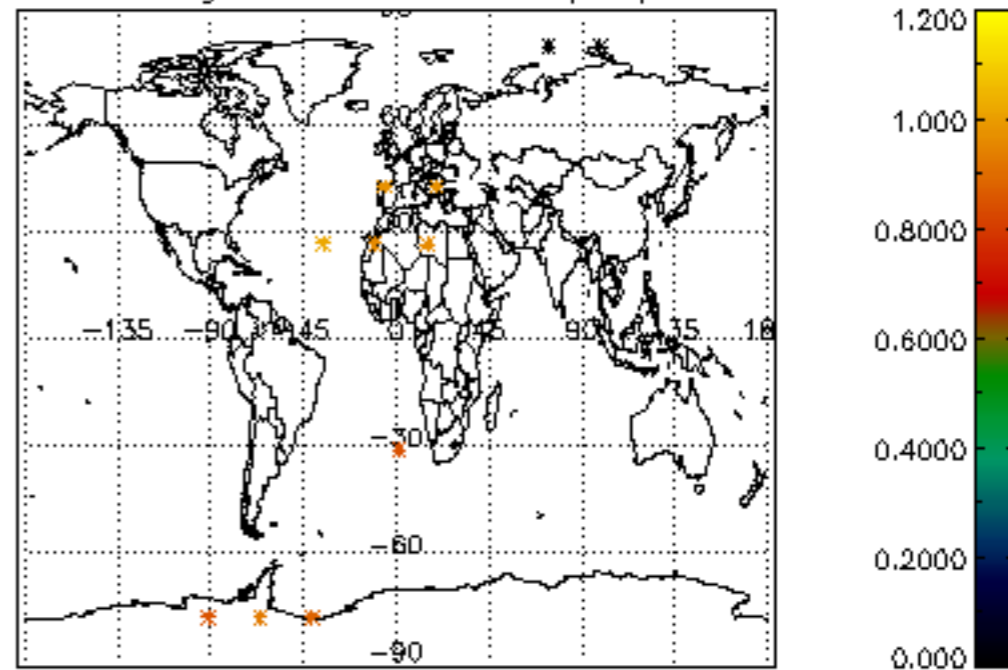
Percentage of saturation errors per profile



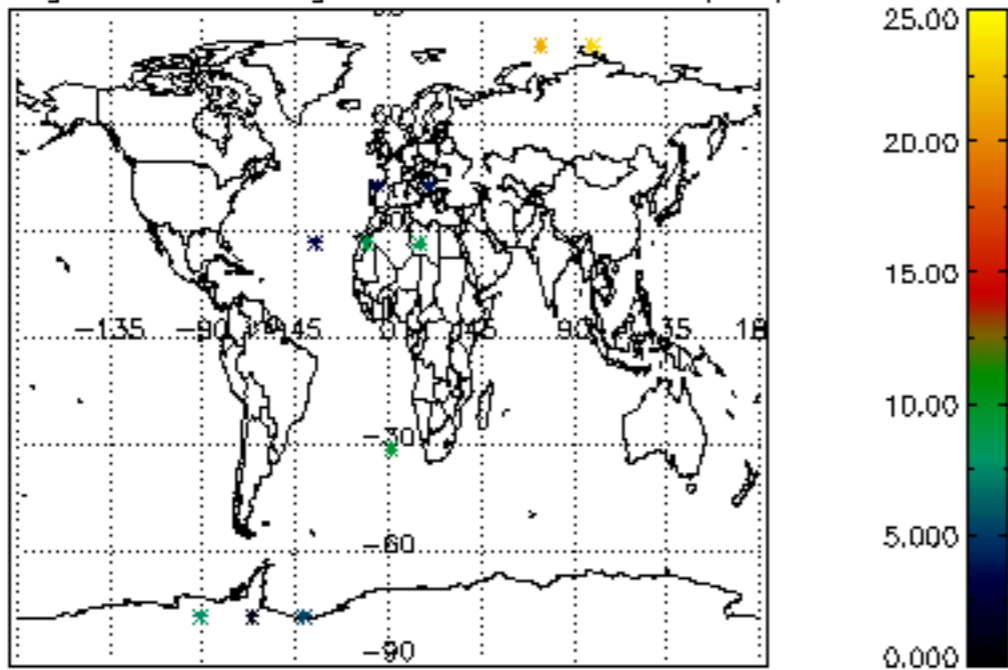
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

