

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 14:12:46
Data source version	GOMOS/6.01
Start time of products	23-03-2012 (23MAR2012 00:00:00)
Stop time of products	24-03-2012 (24MAR2012 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	24
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__2PRFIN20120323_010048_000000383113_00031_52631_8590.N1	23-MAR-2012 01:00:48	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	52631	No
2	GOM_NL__2PRFIN20120323_024101_000000363113_00032_52632_8609.N1	23-MAR-2012 02:41:01	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	52632	No
3	GOM_NL__2PRFIN20120323_042115_000000373113_00033_52633_8620.N1	23-MAR-2012 04:21:15	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	52633	No
4	GOM_NL__2PRFIN20120323_060129_000000373113_00034_52634_8624.N1	23-MAR-2012 06:01:29	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	52634	No
5	GOM_NL__2PRFIN20120323_074012_000000273113_00035_52635_8642.N1	23-MAR-2012 07:40:12	Bright	27.000	82	48Bet UMa	2.3650	10600.	54	52635	No
6	GOM_NL__2PRFIN20120323_074143_000000383113_00035_52635_8643.N1	23-MAR-2012 07:41:43	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	52635	No
7	GOM_NL__2PRFIN20120323_092026_000000323113_00036_52636_8666.N1	23-MAR-2012 09:20:26	Bright	32.000	82	48Bet UMa	2.3650	10600.	64	52636	No
8	GOM_NL__2PRFIN20120323_092157_000000373113_00036_52636_8667.N1	23-MAR-2012 09:21:57	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	52636	No
9	GOM_NL__2PRFIN20120323_110039_000000373113_00037_52637_8757.N1	23-MAR-2012 11:00:39	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	52637	No
10	GOM_NL__2PRFIN20120323_110211_000000373113_00037_52637_8758.N1	23-MAR-2012 11:02:11	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	52637	No
11	GOM_NL__2PRFIN20120323_124053_000000373113_00038_52638_8791.N1	23-MAR-2012 12:40:53	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	52638	No
12	GOM_NL__2PRFIN20120323_124224_000000393113_00038_52638_8792.N1	23-MAR-2012 12:42:24	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	52638	No
13	GOM_NL__2PRFIN20120323_142107_000000393113_00039_52639_8828.N1	23-MAR-2012 14:21:07	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	52639	No
14	GOM_NL__2PRFIN20120323_142238_000000383113_00039_52639_8829.N1	23-MAR-2012 14:22:38	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	52639	No
15	GOM_NL__2PRFIN20120323_160121_000000383113_00040_52640_8863.N1	23-MAR-2012 16:01:21	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	52640	No
16	GOM_NL__2PRFIN20120323_160252_000000383113_00040_52640_8864.N1	23-MAR-2012 16:02:52	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	52640	No
17	GOM_NL__2PRFIN20120323_174135_000000383113_00041_52641_8915.N1	23-MAR-2012 17:41:35	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	52641	No
18	GOM_NL__2PRFIN20120323_174306_000000383113_00041_52641_8916.N1	23-MAR-2012 17:43:06	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	52641	No
19	GOM_NL__2PRFIN20120323_192148_000000383113_00042_52642_8973.N1	23-MAR-2012 19:21:48	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	52642	No
20	GOM_NL__2PRFIN20120323_192320_000000373113_00042_52642_8974.N1	23-MAR-2012 19:23:20	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	52642	No
21	GOM_NL__2PRFIN20120323_210202_000000383113_00043_52643_8990.N1	23-MAR-2012 21:02:02	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	52643	No
22	GOM_NL__2PRFIN20120323_210333_000000393113_00043_52643_8991.N1	23-MAR-2012 21:03:33	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	52643	No
23	GOM_NL__2PRFIN20120323_224216_000000383113_00044_52644_9007.N1	23-MAR-2012 22:42:16	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	52644	No
24	GOM_NL__2PRFIN20120323_224347_000000393113_00044_52644_9008.N1	23-MAR-2012 22:43:47	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	52644	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

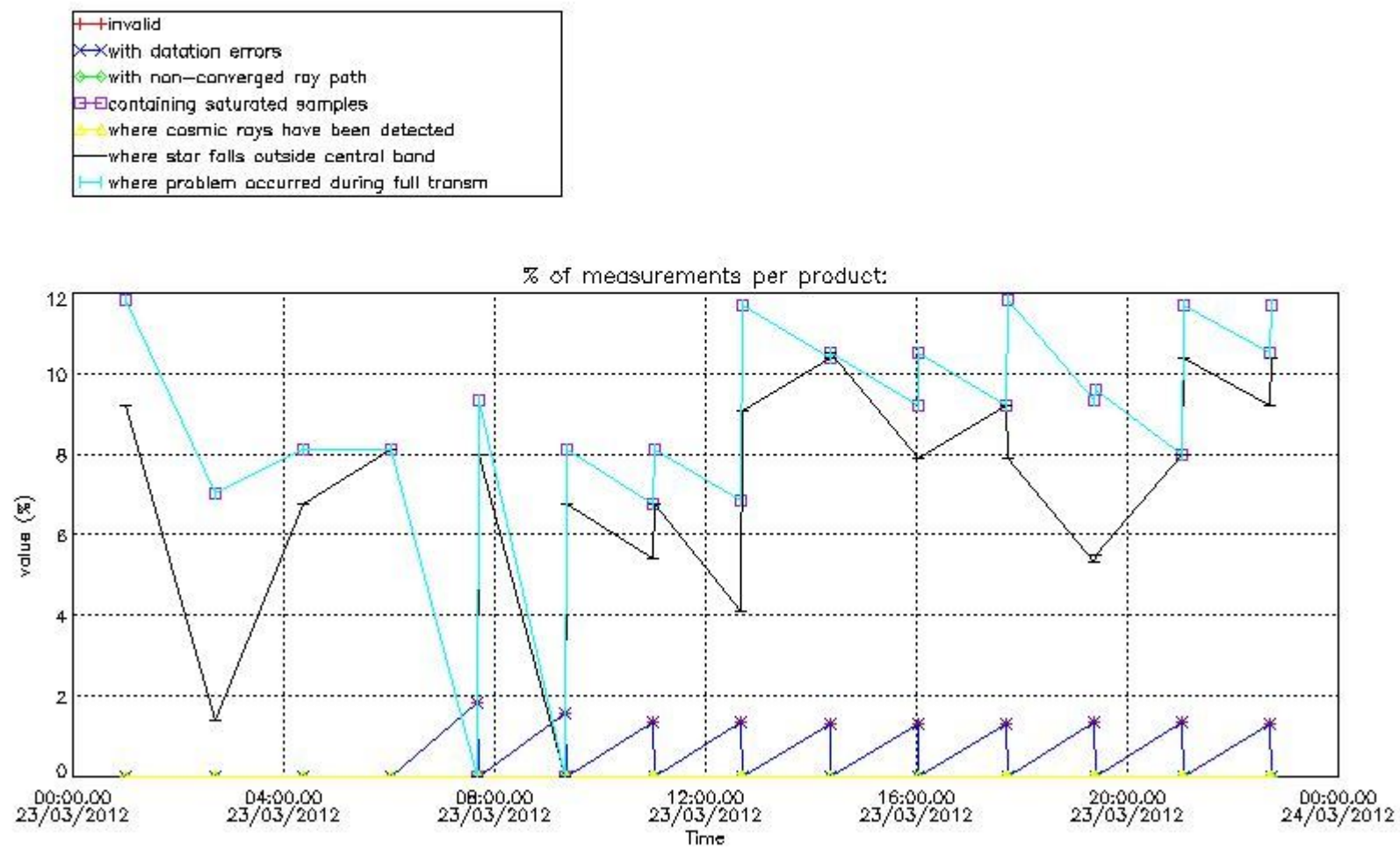
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

!Warning: No products without errors in ascending found

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



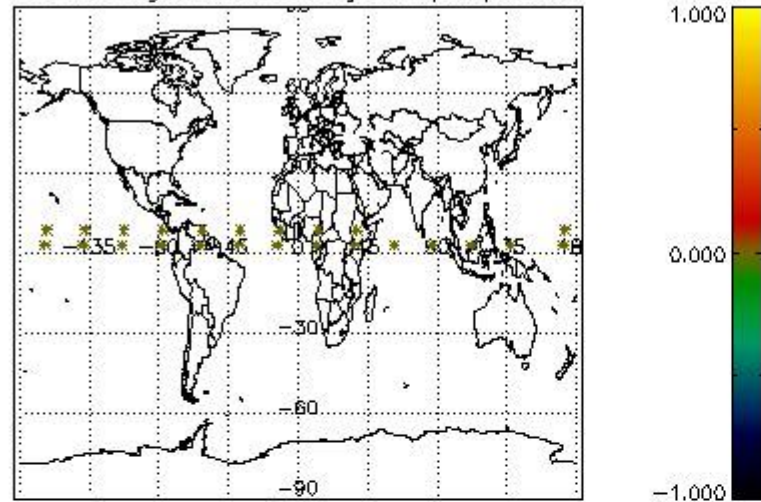
4.2 Plot quality information per product coming from level 1b processing (world map)

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

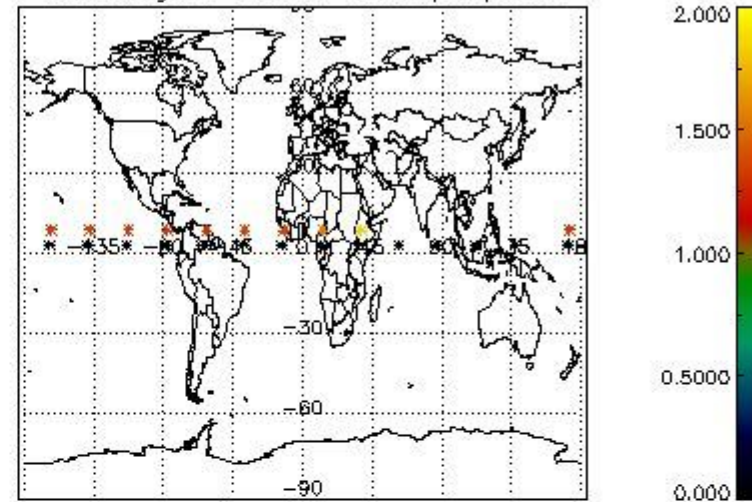
!Warning: No products without errors in ascending found

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

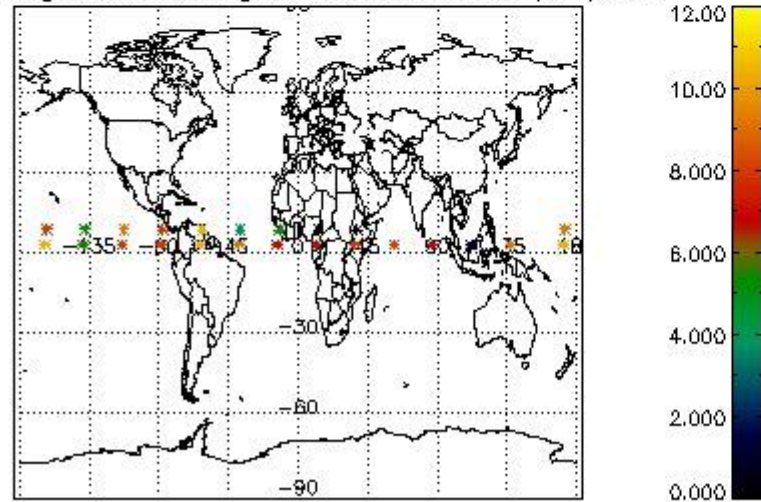
Percentage of cosmic ray hits per profile



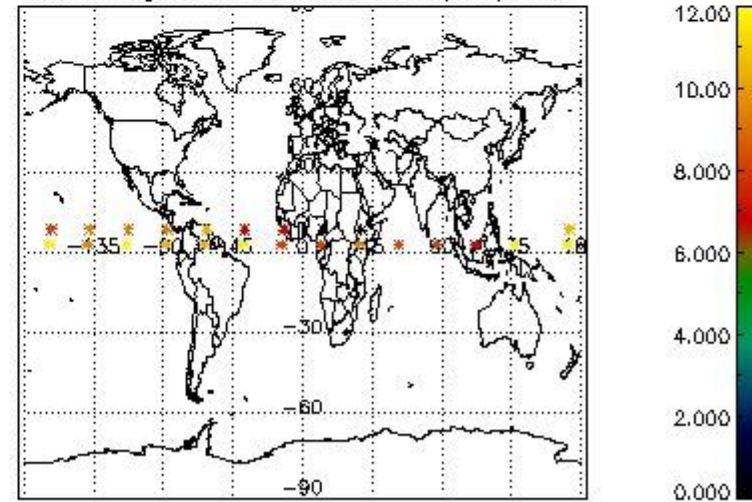
Percentage of datation errors per profile



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_AXVIEC20111213_163131_20111215_000000_20500101_000000	1	23-MAR-2012 01:00:48
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-MAR-2012 01:00:48
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-MAR-2012 01:00:48

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10	GOM_NL__2PRFIN20120323_110211_000000373113_00037_52637_8758.N1	23-MAR-2012 11:02:11	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	52637	No
11	GOM_NL__2PRFIN20120323_124053_000000373113_00038_52638_8791.N1	23-MAR-2012 12:40:53	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	52638	No
12	GOM_NL__2PRFIN20120323_124224_000000393113_00038_52638_8792.N1	23-MAR-2012 12:42:24	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	52638	No
13	GOM_NL__2PRFIN20120323_142107_000000393113_00039_52639_8828.N1	23-MAR-2012 14:21:07	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	52639	No
14	GOM_NL__2PRFIN20120323_142238_000000383113_00039_52639_8829.N1	23-MAR-2012 14:22:38	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	52639	No
15	GOM_NL__2PRFIN20120323_160121_000000383113_00040_52640_8863.N1	23-MAR-2012 16:01:21	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	52640	No
16	GOM_NL__2PRFIN20120323_160252_000000383113_00040_52640_8864.N1	23-MAR-2012 16:02:52	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	52640	No
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23	GOM_NL__2PRFIN20120323_224216_000000383113_00044_52644_9007.N1	23-MAR-2012 22:42:16	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	52644	No
24	GOM_NL__2PRFIN20120323_224347_000000393113_00044_52644_9008.N1	23-MAR-2012 22:43:47	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	52644	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

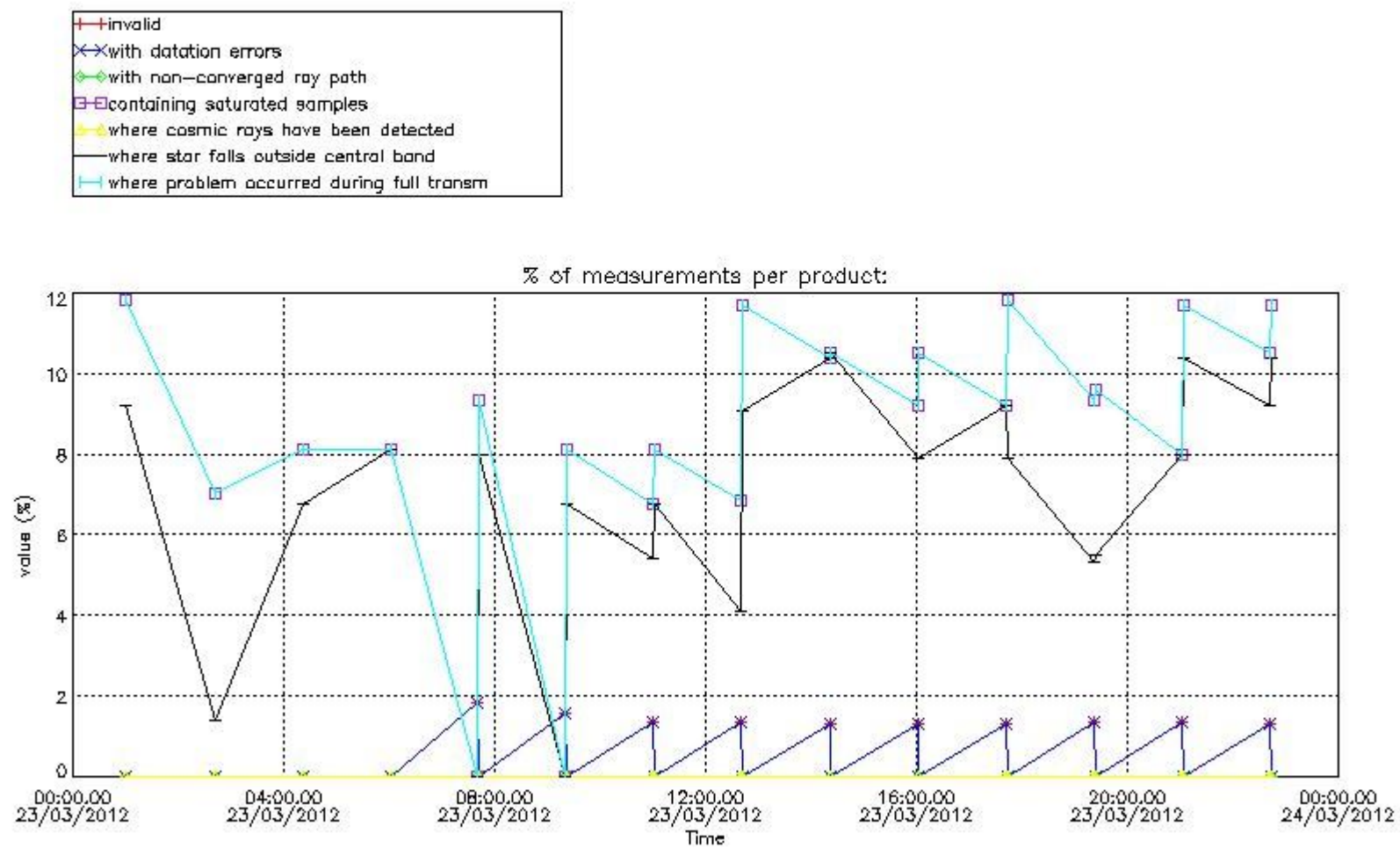
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

!Warning: No products without errors in ascending found

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



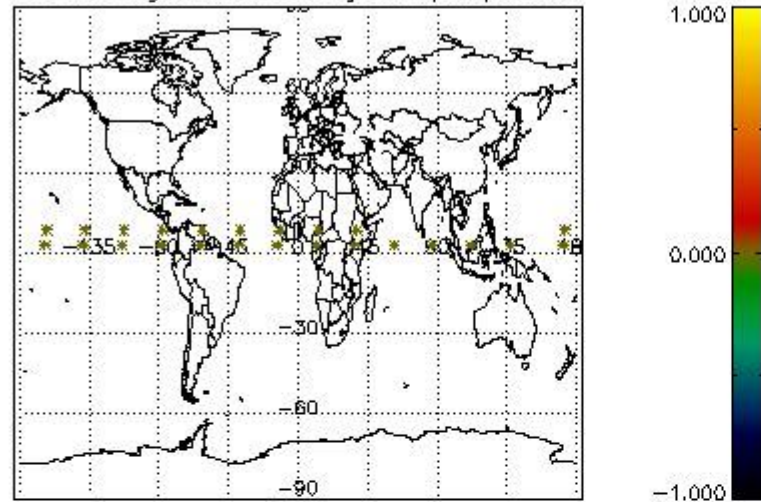
4.2 Plot quality information per product coming from level 1b processing (world map)

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

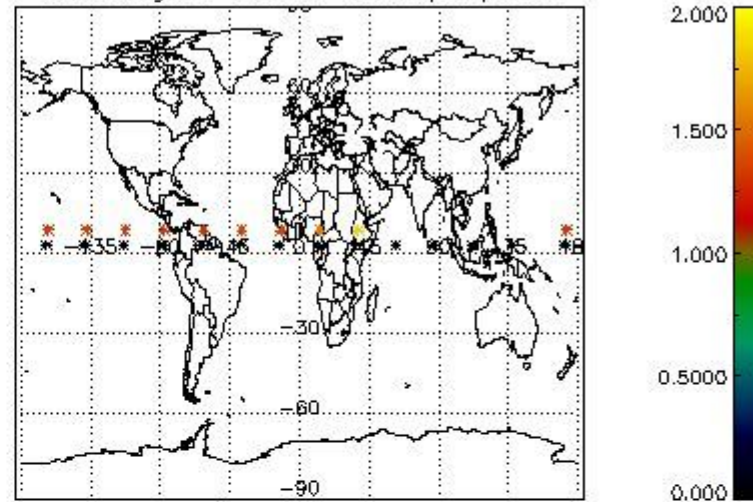
!Warning: No products without errors in ascending found

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

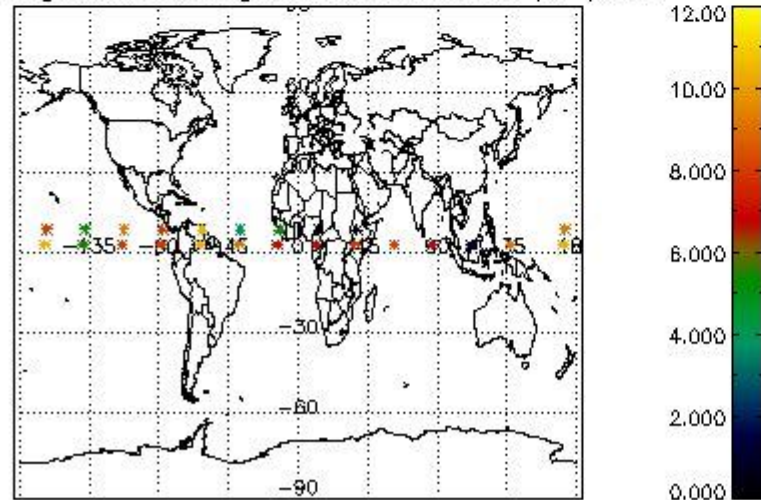
Percentage of cosmic ray hits per profile



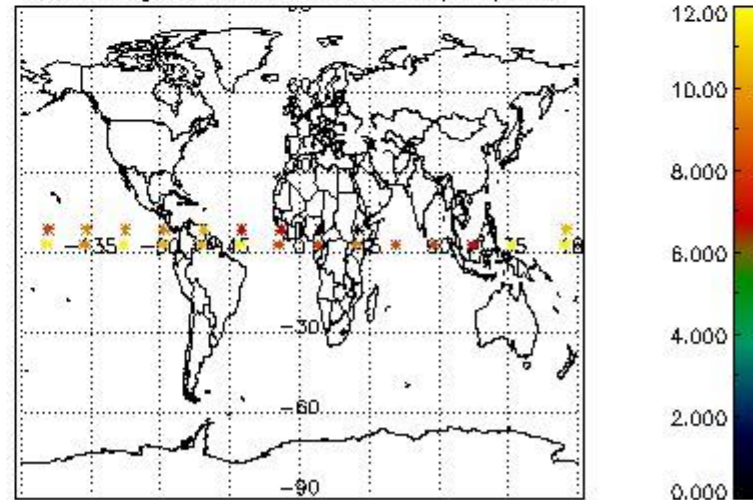
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



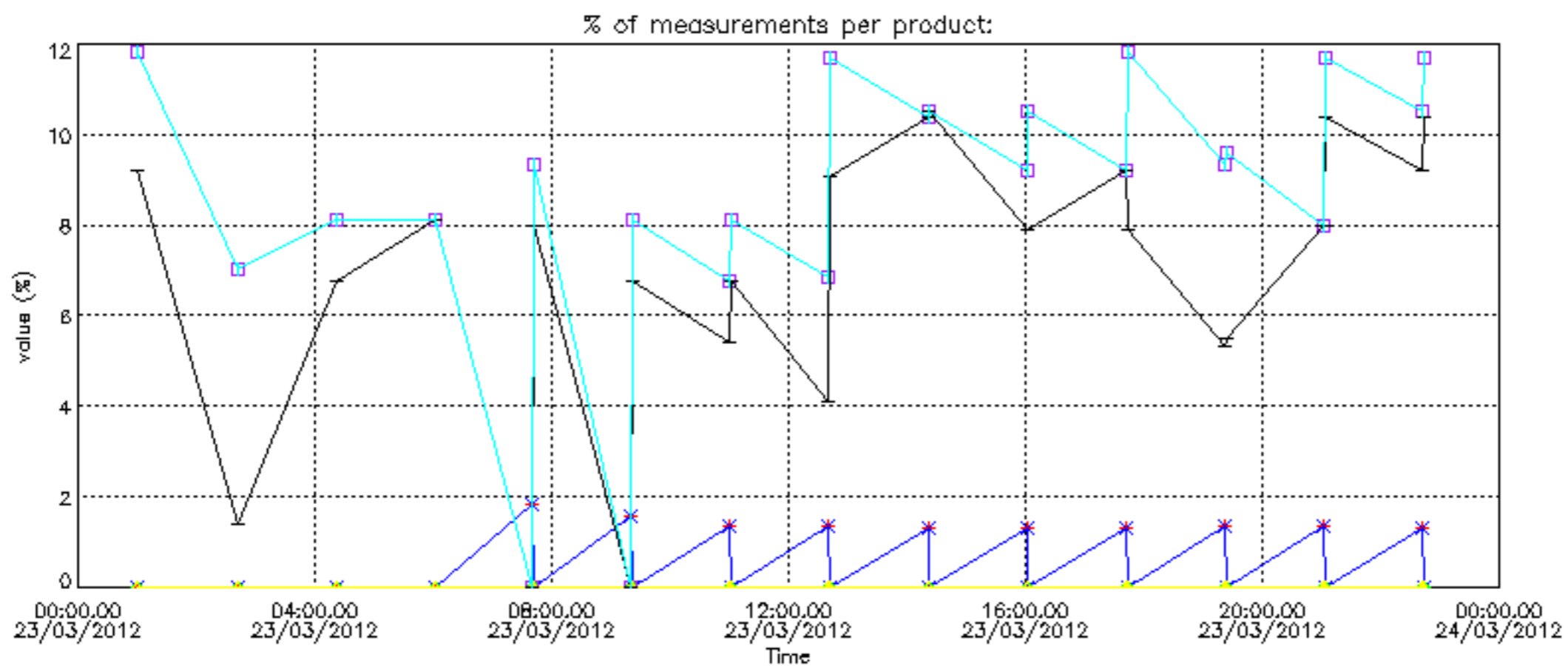
Percentage of saturation errors per profile



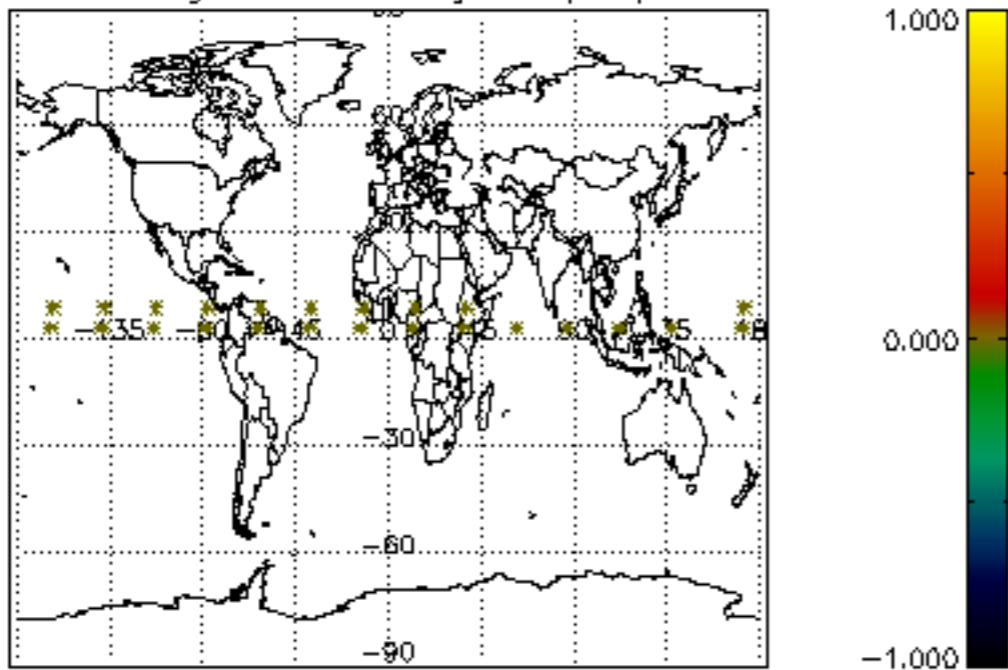
6. Auxiliary Data Files used for the production reported in section 2

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.

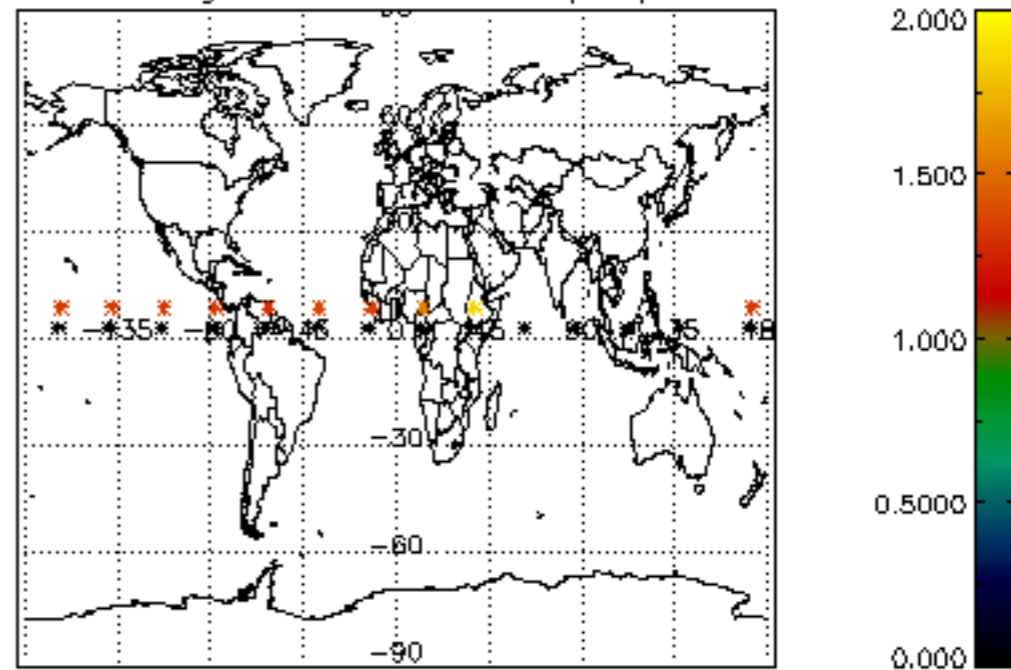
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20111213_163131_20111215_000000_20500101_000000	1	23-MAR-2012 01:00:48
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-MAR-2012 01:00:48
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-MAR-2012 01:00:48



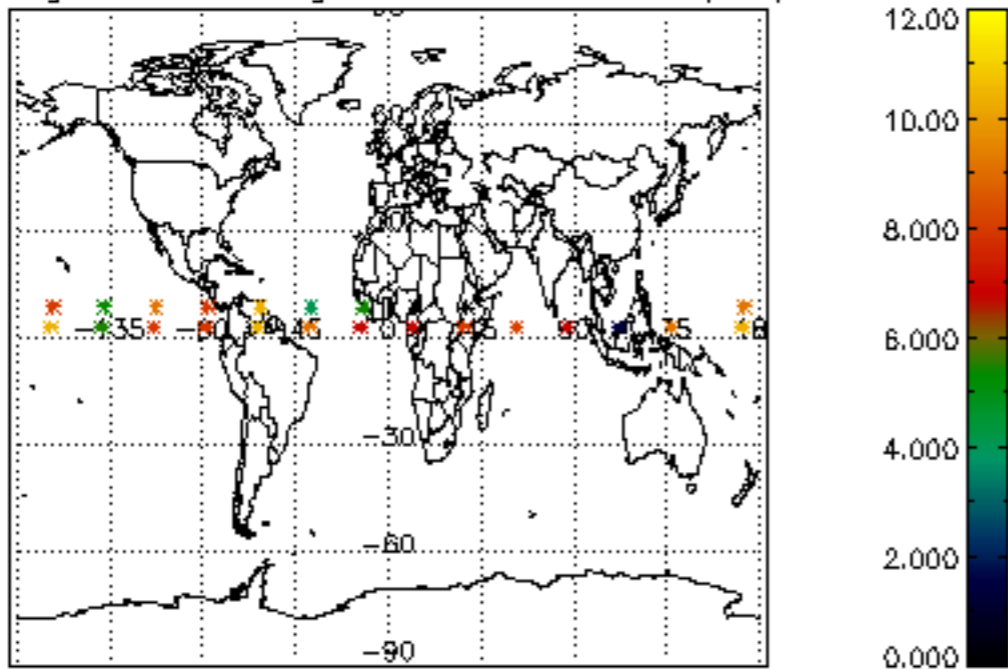
Percentage of cosmic ray hits per profile



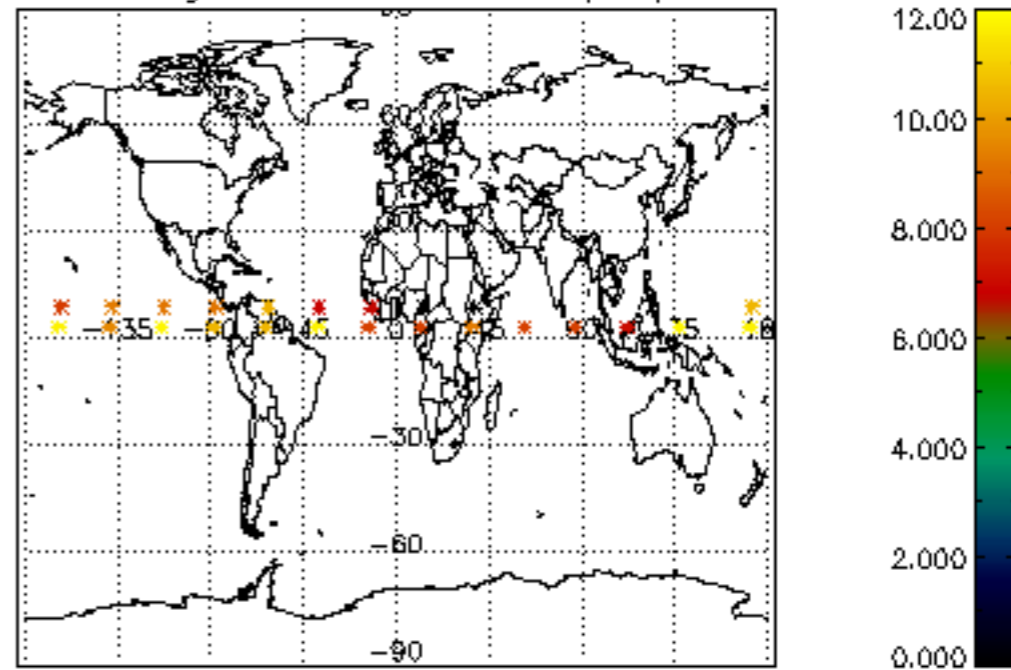
Percentage of datation errors per profile

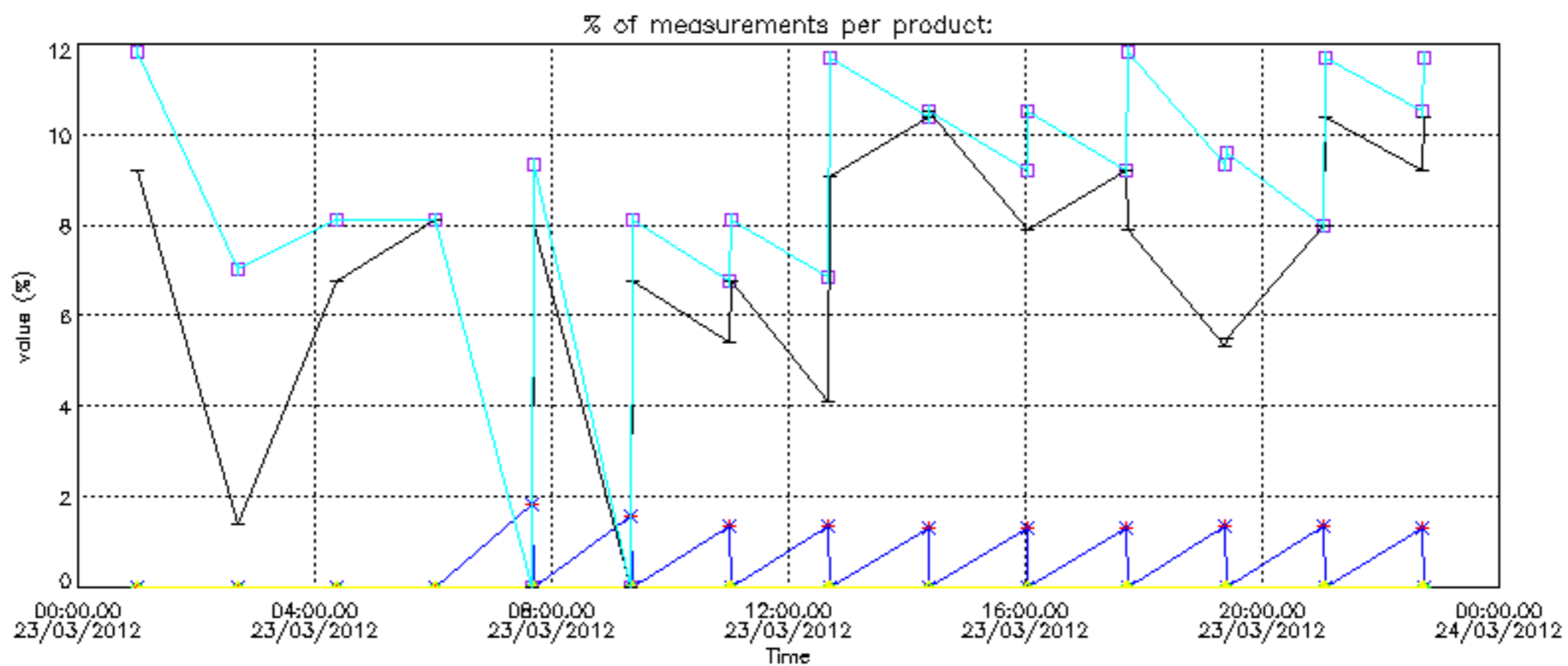


Percentage of star falling outside central band per profile

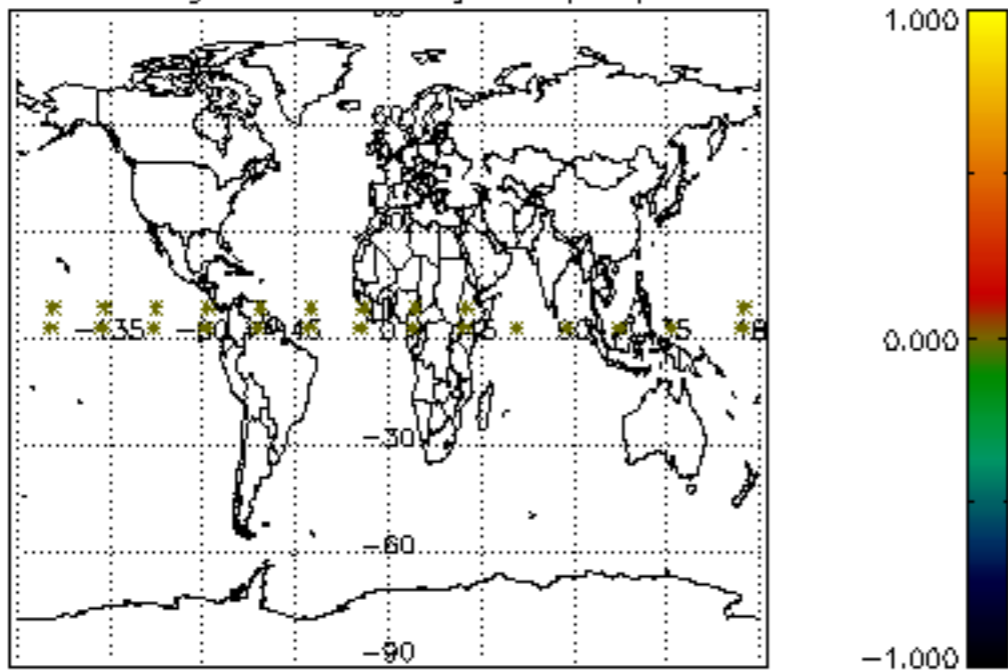


Percentage of saturation errors per profile

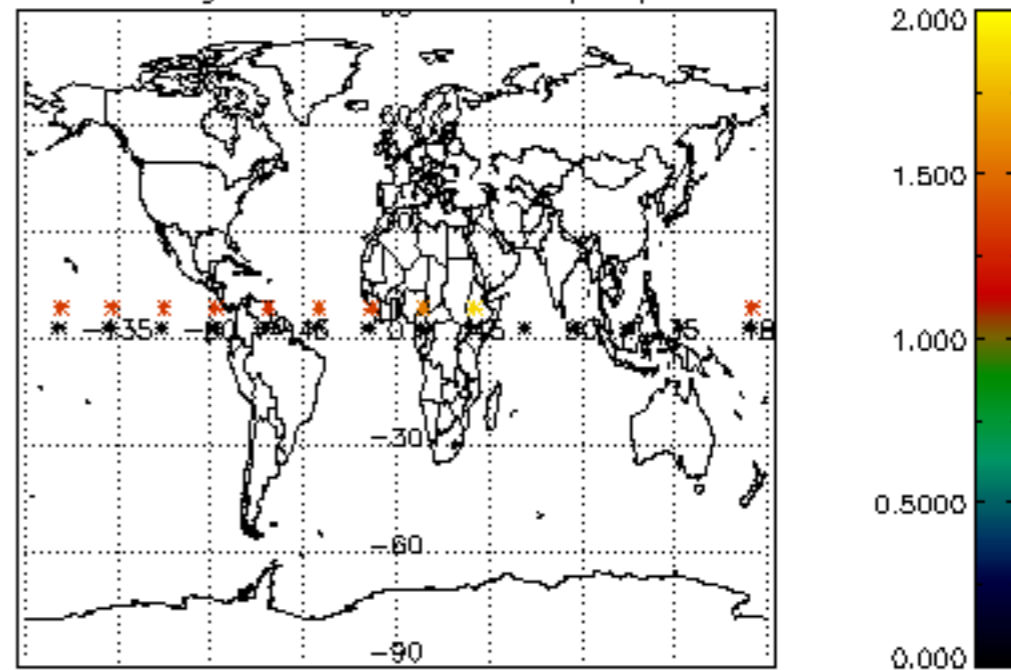




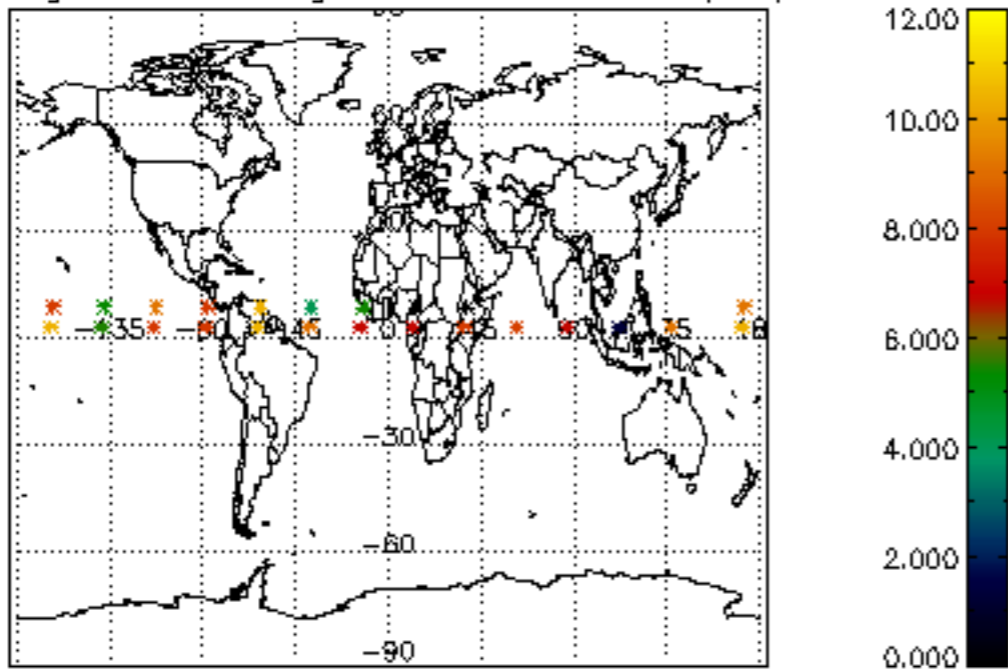
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

