

# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

### [2. Summary of processed GOM\\_NL\\_2P products](#)

### [3. Level 2 Quality information per product](#)

#### [3.1 Plot of level 2 quality information per product \(time dependant\)](#)

#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

### [4. Level 1 Quality information per product \(stored on level 2 products\)](#)

#### [4.1 Plot of level 1 quality information per product \(time dependant\)](#)

##### [4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

##### [4.1.2 Plot of level 1 quality information per product \(time dependant\): DESCENDING](#)

#### [4.2 Plot of level 1 quality information per product \(world map\)](#)

##### [4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

##### [4.2.2 Plot of level 1 quality information per product \(world map\): DESCENDING](#)

### [5. Ozone profiles based on quality statistics and other trace gas profiles](#)

#### [5.1 Ozone statistics based on quality of products](#)

#### [5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

#### [5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

#### [5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

#### [5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

#### [5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

#### [5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

#### [5.8 Plot H2O profiles \(only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors\) for all STD](#)

### [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	26APR2013 17:55:10
Data source version	GOMOS/6.01
Start time of products	05-03-2010 (05MAR2010 00:00:00)
Stop time of products	06-03-2010 (06MAR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	314
Nb of prods with errors	0

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

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100305_000322_000000412087_00245_41882_7838.N1	05-MAR-2010 00:03:22	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41882	No
2	GOM_NL__2PRFIN20100305_000757_000000482087_00245_41882_7839.N1	05-MAR-2010 00:07:57	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	41882	No
3	GOM_NL__2PRFIN20100305_001230_000000482087_00245_41882_7840.N1	05-MAR-2010 00:12:30	Bright	48.000	130	23Bet Dra	2.7990	5800.0	96	41882	No
4	GOM_NL__2PRFIN20100305_001543_000000542087_00245_41882_7841.N1	05-MAR-2010 00:15:43	Bright	54.000	144	18Del Cyg	2.8600	11000.	108	41882	No
5	GOM_NL__2PRFIN20100305_001751_000000432087_00245_41882_7842.N1	05-MAR-2010 00:17:51	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	41882	No
6	GOM_NL__2PRFIN20100305_002544_000000432087_00245_41882_7843.N1	05-MAR-2010 00:25:44	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	41882	No
7	GOM_NL__2PRFIN20100305_003540_000000452087_00245_41882_7844.N1	05-MAR-2010 00:35:40	Dark	44.500	155	41Pi Sgr	2.9000	6600.0	89	41882	No
8	GOM_NL__2PRFIN20100305_003732_000000452087_00245_41882_7845.N1	05-MAR-2010 00:37:32	Dark	44.500	57	34Sig Sgr	2.0660	26000.	89	41882	No
9	GOM_NL__2PRFIN20100305_004044_000000432087_00245_41882_7846.N1	05-MAR-2010 00:40:44	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41882	No
10	GOM_NL__2PRFIN20100305_005205_000000522087_00246_41883_7834.N1	05-MAR-2010 00:52:05	Dark	51.500	131	Gam Lup	2.8000	26000.	103	41883	No
11	GOM_NL__2PRFIN20100305_005349_000000532087_00246_41883_7835.N1	05-MAR-2010 00:53:49	Dark	52.500	4	Alp1Cen	-0.010000	5800.0	105	41883	No
12	GOM_NL__2PRFIN20100305_005508_000000512087_00246_41883_7836.N1	05-MAR-2010 00:55:08	Dark	51.000	10	Bet Cen	0.61000	28000.	102	41883	No
13	GOM_NL__2PRFIN20100305_005700_000000422087_00246_41883_7837.N1	05-MAR-2010 00:57:00	Dark	42.000	77	Eps Cen	2.3030	28000.	84	41883	No
14	GOM_NL__2PRFIN20100305_005839_000000502087_00246_41883_7838.N1	05-MAR-2010 00:58:39	Dark	49.500	26	Gam Cru	1.6240	2900.0	99	41883	No
15	GOM_NL__2PRFIN20100305_010009_000000442087_00246_41883_7839.N1	05-MAR-2010 01:00:09	Dark	44.000	64	Gam Cen	2.2000	10600.	88	41883	No
16	GOM_NL__2PRFIN20100305_010152_000000562087_00246_41883_7840.N1	05-MAR-2010 01:01:52	Straylight	55.500	123	Iot Cen	2.7500	10200.	111	41883	No
17	GOM_NL__2PRFIN20100305_012120_000000442087_00246_41883_7841.N1	05-MAR-2010 01:21:20	Bright	43.500	22	32Alp Leo	1.3600	15200.	87	41883	No
18	GOM_NL__2PRFIN20100305_012351_000000442087_00246_41883_7842.N1	05-MAR-2010 01:23:51	Bright	44.000	51	41Gam1Leo	2.0100	4500.0	88	41883	No
19	GOM_NL__2PRFIN20100305_013228_000000422087_00246_41883_7843.N1	05-MAR-2010 01:32:28	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	41883	No
20	GOM_NL__2PRFIN20100305_013522_000000392087_00246_41883_7844.N1	05-MAR-2010 01:35:22	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	41883	No
21	GOM_NL__2PRFIN20100305_013645_000000422087_00246_41883_7845.N1	05-MAR-2010 01:36:45	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	41883	No
22	GOM_NL__2PRFIN20100305_014357_000000362087_00246_41883_7846.N1	05-MAR-2010 01:43:57	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	41883	No
23	GOM_NL__2PRFIN20100305_014833_000000482087_00246_41883_7847.N1	05-MAR-2010 01:48:33	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	41883	No
24	GOM_NL__2PRFIN20100305_015306_000000482087_00246_41883_7848.N1	05-MAR-2010 01:53:06	Bright	48.000	130	23Bet Dra	2.7990	5800.0	96	41883	No
25	GOM_NL__2PRFIN20100305_015619_000000362087_00246_41883_7849.N1	05-MAR-2010 01:56:19	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	41883	No
26	GOM_NL__2PRFIN20100305_015827_000000472087_00246_41883_7850.N1	05-MAR-2010 01:58:27	Bright	47.000	5	3Alp Lyr	0.033000	11000.	94	41883	No
27	GOM_NL__2PRFIN20100305_020621_000000412087_00246_41883_7851.N1	05-MAR-2010 02:06:21	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	41883	No
28	GOM_NL__2PRFIN20100305_021616_000000442087_00246_41883_7852.N1	05-MAR-2010 02:16:16	Dark	44.000	155	41Pi Sgr	2.9000	6600.0	88	41883	No
29	GOM_NL__2PRFIN20100305_022121_000000462087_00246_41883_7853.N1	05-MAR-2010 02:21:21	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	41883	No
30	GOM_NL__2PRFIN20100305_022424_000000492087_00246_41883_7854.N1	05-MAR-2010 02:24:24	Dark	48.500	25	35Lam Sco	1.6200	28000.	97	41883	No
31	GOM_NL__2PRFIN20100305_023426_000000452087_00247_41884_7854.N1	05-MAR-2010 02:34:26	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	41884	No
32	GOM_NL__2PRFIN20100305_023544_000000462087_00247_41884_7855.N1	05-MAR-2010 02:35:44	Dark	46.000	10	Bet Cen	0.61000	28000.	92	41884	No
33	GOM_NL__2PRFIN20100305_023737_000000422087_00247_41884_7856.N1	05-MAR-2010 02:37:37	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41884	No
34	GOM_NL__2PRFIN20100305_023915_000000442087_00247_41884_7857.N1	05-MAR-2010 02:39:15	Dark	44.000	26	Gam Cru	1.6240	2900.0	88	41884	No
35	GOM_NL__2PRFIN20100305_024046_000000472087_00247_41884_7858.N1	05-MAR-2010 02:40:46	Dark	47.000	64	Gam Cen	2.2000	10600.	94	41884	No
36	GOM_NL__2PRFIN20100305_024228_000000542087_00247_41884_7859.N1	05-MAR-2010 02:42:28	Straylight	54.000	123	Iot Cen	2.7500	10200.	108	41884	No
37	GOM_NL__2PRFIN20100305_030156_000000432087_00247_41884_7860.N1	05-MAR-2010 03:01:56	Bright	43.000	22	32Alp Leo	1.3600	15200.	86	41884	No
38	GOM_NL__2PRFIN20100305_030426_000000442087_00247_41884_7861.N1	05-MAR-2010 03:04:26	Bright	43.500	51	41Gam1Leo	2.0100	4500.0	87	41884	No
39	GOM_NL__2PRFIN20100305_030557_000000262087_00247_41884_7862.N1	05-MAR-2010 03:05:57	Tw_i_and_stray	26.000	96	68Del Leo	2.5600	9300.0	52	41884	No
40	GOM_NL__2PRFIN20100305_031303_000000432087_00247_41884_7863.N1	05-MAR-2010 03:13:03	Bright	42.500	174	52Psi UMa	3.0040	4400.0	85	41884	No
41	GOM_NL__2PRFIN20100305_031557_000000412087_00247_41884_7864.N1	05-MAR-2010 03:15:57	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	41884	No
42	GOM_NL__2PRFIN20100305_031720_000000442087_00247_41884_7865.N1	05-MAR-2010 03:17:20	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	41884	No

43	GOM_NL__2PRFIN20100305_032433_000000432087_00247_41884_7866.N1	05-MAR-2010 03:24:33	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41884	No
44	GOM_NL__2PRFIN20100305_032908_000000482087_00247_41884_7867.N1	05-MAR-2010 03:29:08	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	41884	No
45	GOM_NL__2PRFIN20100305_033423_000000472087_00247_41884_7868.N1	05-MAR-2010 03:34:23	Bright	46.500	69	33Gam Dra	2.2310	3800.0	93	41884	No
46	GOM_NL__2PRFIN20100305_033655_000000382087_00247_41884_7869.N1	05-MAR-2010 03:36:55	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	41884	No
47	GOM_NL__2PRFIN20100305_033903_000000442087_00247_41884_7870.N1	05-MAR-2010 03:39:03	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	41884	No
48	GOM_NL__2PRFIN20100305_034657_000000412087_00247_41884_7871.N1	05-MAR-2010 03:46:57	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	41884	No
49	GOM_NL__2PRFIN20100305_035653_000000442087_00247_41884_7872.N1	05-MAR-2010 03:56:53	Dark	44.000	155	41Pi Sgr	2.9000	6600.0	88	41884	No
50	GOM_NL__2PRFIN20100305_035845_000000442087_00247_41884_7873.N1	05-MAR-2010 03:58:45	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	41884	No
51	GOM_NL__2PRFIN20100305_040157_000000422087_00247_41884_7874.N1	05-MAR-2010 04:01:57	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	41884	No
52	GOM_NL__2PRFIN20100305_040502_000000462087_00247_41884_7875.N1	05-MAR-2010 04:05:02	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	41884	No
53	GOM_NL__2PRFIN20100305_041503_000000442087_00248_41885_7858.N1	05-MAR-2010 04:15:03	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	41885	No
54	GOM_NL__2PRFIN20100305_041621_000000452087_00248_41885_7859.N1	05-MAR-2010 04:16:21	Dark	45.000	10	Bet Cen	0.61000	28000.	90	41885	No
55	GOM_NL__2PRFIN20100305_041814_000000422087_00248_41885_7860.N1	05-MAR-2010 04:18:14	Dark	42.000	77	Eps Cen	2.3030	28000.	84	41885	No
56	GOM_NL__2PRFIN20100305_041952_000000452087_00248_41885_7861.N1	05-MAR-2010 04:19:52	Dark	45.000	26	Gam Cru	1.6240	2900.0	90	41885	No
57	GOM_NL__2PRFIN20100305_042122_000000452087_00248_41885_7862.N1	05-MAR-2010 04:21:22	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41885	No
58	GOM_NL__2PRFIN20100305_042305_000000562087_00248_41885_7863.N1	05-MAR-2010 04:23:05	Straylight	56.000	123	lot Cen	2.7500	10200.	112	41885	No
59	GOM_NL__2PRFIN20100305_044232_000000422087_00248_41885_7864.N1	05-MAR-2010 04:42:32	Bright	42.000	22	32Alp Leo	1.3600	15200.	84	41885	No
60	GOM_NL__2PRFIN20100305_044502_000000422087_00248_41885_7865.N1	05-MAR-2010 04:45:02	Bright	42.000	51	41Gam1Leo	2.0100	4500.0	84	41885	No
61	GOM_NL__2PRFIN20100305_044632_000000262087_00248_41885_7866.N1	05-MAR-2010 04:46:32	Tw_i_and_stray	26.000	96	68Del Leo	2.5600	9300.0	52	41885	No
62	GOM_NL__2PRFIN20100305_045339_000000442087_00248_41885_7867.N1	05-MAR-2010 04:53:39	Bright	44.000	174	52Psi UMa	3.0040	4400.0	88	41885	No
63	GOM_NL__2PRFIN20100305_045633_000000412087_00248_41885_7868.N1	05-MAR-2010 04:56:33	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	41885	No
64	GOM_NL__2PRFIN20100305_045756_000000582087_00248_41885_7869.N1	05-MAR-2010 04:57:56	Bright	58.000	36	50Alp UMa	1.8000	6300.0	116	41885	No
65	GOM_NL__2PRFIN20100305_050508_000000412087_00248_41885_7870.N1	05-MAR-2010 05:05:08	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	41885	No
66	GOM_NL__2PRFIN20100305_050944_000000472087_00248_41885_7871.N1	05-MAR-2010 05:09:44	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	41885	No
67	GOM_NL__2PRFIN20100305_051459_000000472087_00248_41885_7872.N1	05-MAR-2010 05:14:59	Bright	47.000	69	33Gam Dra	2.2310	3800.0	94	41885	No
68	GOM_NL__2PRFIN20100305_051731_000000362087_00248_41885_7873.N1	05-MAR-2010 05:17:31	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	41885	No
69	GOM_NL__2PRFIN20100305_051939_000000442087_00248_41885_7874.N1	05-MAR-2010 05:19:39	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	41885	No
70	GOM_NL__2PRFIN20100305_052733_000000452087_00248_41885_7875.N1	05-MAR-2010 05:27:33	Bright	45.000	168	17Zet Aql	2.9860	11000.	90	41885	No
71	GOM_NL__2PRFIN20100305_053730_000000422087_00248_41885_7876.N1	05-MAR-2010 05:37:30	Dark	41.500	155	41Pi Sgr	2.9000	6600.0	83	41885	No
72	GOM_NL__2PRFIN20100305_053922_000000442087_00248_41885_7877.N1	05-MAR-2010 05:39:22	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	41885	No
73	GOM_NL__2PRFIN20100305_054234_000000452087_00248_41885_7878.N1	05-MAR-2010 05:42:34	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	41885	No
74	GOM_NL__2PRFIN20100305_054538_000000482087_00248_41885_7879.N1	05-MAR-2010 05:45:38	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	41885	No
75	GOM_NL__2PRFIN20100305_055539_000000442087_00249_41886_7871.N1	05-MAR-2010 05:55:39	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	41886	No
76	GOM_NL__2PRFIN20100305_055657_000000452087_00249_41886_7872.N1	05-MAR-2010 05:56:57	Dark	44.500	10	Bet Cen	0.61000	28000.	89	41886	No
77	GOM_NL__2PRFIN20100305_055851_000000442087_00249_41886_7873.N1	05-MAR-2010 05:58:51	Dark	43.500	77	Eps Cen	2.3030	28000.	87	41886	No
78	GOM_NL__2PRFIN20100305_060028_000000462087_00249_41886_7874.N1	05-MAR-2010 06:00:28	Dark	45.500	26	Gam Cru	1.6240	2900.0	91	41886	No
79	GOM_NL__2PRFIN20100305_060159_000000482087_00249_41886_7875.N1	05-MAR-2010 06:01:59	Dark	47.500	64	Gam Cen	2.2000	10600.	95	41886	No
80	GOM_NL__2PRFIN20100305_060342_000000542087_00249_41886_7876.N1	05-MAR-2010 06:03:42	Straylight	54.000	123	lot Cen	2.7500	10200.	108	41886	No
81	GOM_NL__2PRFIN20100305_062308_000000422087_00249_41886_7877.N1	05-MAR-2010 06:23:08	Bright	42.000	22	32Alp Leo	1.3600	15200.	84	41886	No
82	GOM_NL__2PRFIN20100305_062538_000000432087_00249_41886_7878.N1	05-MAR-2010 06:25:38	Bright	43.000	51	41Gam1Leo	2.0100	4500.0	86	41886	No
83	GOM_NL__2PRFIN20100305_062708_000000332087_00249_41886_7879.N1	05-MAR-2010 06:27:08	Tw_i_and_stray	33.000	96	68Del Leo	2.5600	9300.0	66	41886	No
84	GOM_NL__2PRFIN20100305_063414_000000422087_00249_41886_7880.N1	05-MAR-2010 06:34:14	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	41886	No
85	GOM_NL__2PRFIN20100305_063708_000000412087_00249_41886_7881.N1	05-MAR-2010 06:37:08	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	41886	No
86	GOM_NL__2PRFIN20100305_063832_000000412087_00249_41886_7882.N1	05-MAR-2010 06:38:32	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	41886	No
87	GOM_NL__2PRFIN20100305_064544_000000422087_00249_41886_7883.N1	05-MAR-2010 06:45:44	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	41886	No
88	GOM_NL__2PRFIN20100305_065019_000000482087_00249_41886_7884.N1	05-MAR-2010 06:50:19	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	41886	No
89	GOM_NL__2PRFIN20100305_065535_000000472087_00249_41886_7885.N1	05-MAR-2010 06:55:35	Bright	47.000	69	33Gam Dra	2.2310	3800.0	94	41886	No
90	GOM_NL__2PRFIN20100305_065807_000000352087_00249_41886_7886.N1	05-MAR-2010 06:58:07	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	41886	No
91	GOM_NL__2PRFIN20100305_070015_000000492087_00249_41886_7887.N1	05-MAR-2010 07:00:15	Bright	48.500	5	3Alp Lyr	0.033000	11000.	97	41886	No
92	GOM_NL__2PRFIN20100305_070810_000000442087_00249_41886_7888.N1	05-MAR-2010 07:08:10	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	41886	No
93	GOM_NL__2PRFIN20100305_071806_000000432087_00249_41886_7889.N1	05-MAR-2010 07:18:06	Dark	43.000	155	41Pi Sgr	2.9000	6600.0	86	41886	No
94	GOM_NL__2PRFIN20100305_071959_000000442087_00249_41886_7890.N1	05-MAR-2010 07:19:59	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	41886	No
95	GOM_NL__2PRFIN20100305_072311_000000462087_00249_41886_7891.N1	05-MAR-2010 07:23:11	Dark	46.000	38	20Eps Sgr	1.8360	11000.	92	41886	No
96	GOM_NL__2PRFIN20100305_072615_000000482087_00249_41886_7892.N1	05-MAR-2010 07:26:15	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	41886	No
97	GOM_NL__2PRFIN20100305_073616_000000522087_00250_41887_7879.N1	05-MAR-2010 07:36:16	Dark	51.500	4	Alp1Cen	-0.010000	5800.0	103	41887	No
98	GOM_NL__2PRFIN20100305_073734_000000452087_00250_41887_7880.N1	05-MAR-2010 07:37:34	Dark	45.000	10	Bet Cen	0.61000	28000.	90	41887	No
99	GOM_NL__2PRFIN20100305_073927_000000422087_00250_41887_7881.N1	05-MAR-2010 07:39:27	Dark	42.000	77	Eps Cen	2.3030	28000.	84	41887	No
100	GOM_NL__2PRFIN20100305_074105_000000482087_00250_41887_7882.N1	05-MAR-2010 07:41:05	Dark	48.000	26	Gam Cru	1.6240	2900.0	96	41887	No
101	GOM_NL__2PRFIN20100305_074236_000000472087_00250_41887_7883.N1	05-MAR-2010 07:42:36	Dark	47.000	64	Gam Cen	2.2000	10600.	94	41887	No

102	GOM_NL__2PRFIN20100305_074419_000000532087_00250_41887_7884.N1	05-MAR-2010 07:44:19	Straylight	53.000	123	lot Cen	2.7500	10200.	106	41887	No
103	GOM_NL__2PRFIN20100305_080344_000000422087_00250_41887_7885.N1	05-MAR-2010 08:03:44	Bright	42.000	22	32Alp Leo	1.3600	15200.	84	41887	No
104	GOM_NL__2PRFIN20100305_080614_000000432087_00250_41887_7886.N1	05-MAR-2010 08:06:14	Bright	43.000	51	41Gam1Leo	2.0100	4500.0	86	41887	No
105	GOM_NL__2PRFIN20100305_080743_000000332087_00250_41887_7887.N1	05-MAR-2010 08:07:43	Tw_i_and_stray	33.000	96	68Del Leo	2.5600	9300.0	66	41887	No
106	GOM_NL__2PRFIN20100305_081450_000000442087_00250_41887_7888.N1	05-MAR-2010 08:14:50	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	41887	No
107	GOM_NL__2PRFIN20100305_081744_000000392087_00250_41887_7889.N1	05-MAR-2010 08:17:44	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	41887	No
108	GOM_NL__2PRFIN20100305_081907_000000402087_00250_41887_7890.N1	05-MAR-2010 08:19:07	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	41887	No
109	GOM_NL__2PRFIN20100305_082620_000000422087_00250_41887_7891.N1	05-MAR-2010 08:26:20	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41887	No
110	GOM_NL__2PRFIN20100305_083055_000000472087_00250_41887_7892.N1	05-MAR-2010 08:30:55	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	41887	No
111	GOM_NL__2PRFIN20100305_083611_000000582087_00250_41887_7893.N1	05-MAR-2010 08:36:11	Bright	58.000	69	33Gam Dra	2.2310	3800.0	116	41887	No
112	GOM_NL__2PRFIN20100305_083843_000000392087_00250_41887_7894.N1	05-MAR-2010 08:38:43	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	41887	No
113	GOM_NL__2PRFIN20100305_084051_000000462087_00250_41887_7895.N1	05-MAR-2010 08:40:51	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	41887	No
114	GOM_NL__2PRFIN20100305_084846_000000442087_00250_41887_7896.N1	05-MAR-2010 08:48:46	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	41887	No
115	GOM_NL__2PRFIN20100305_085842_000000432087_00250_41887_7897.N1	05-MAR-2010 08:58:42	Dark	43.000	155	41Pi Sgr	2.9000	6600.0	86	41887	No
116	GOM_NL__2PRFIN20100305_090035_000000422087_00250_41887_7898.N1	05-MAR-2010 09:00:35	Dark	42.000	57	34Sig Sgr	2.0660	26000.	84	41887	No
117	GOM_NL__2PRFIN20100305_090348_000000522087_00250_41887_7899.N1	05-MAR-2010 09:03:48	Dark	51.500	38	20Eps Sgr	1.8360	11000.	103	41887	No
118	GOM_NL__2PRFIN20100305_090652_000000452087_00250_41887_7900.N1	05-MAR-2010 09:06:52	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	41887	No
119	GOM_NL__2PRFIN20100305_091652_000000442087_00251_41888_7907.N1	05-MAR-2010 09:16:52	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	41888	No
120	GOM_NL__2PRFIN20100305_091810_000000412087_00251_41888_7908.N1	05-MAR-2010 09:18:10	Dark	40.500	10	Bet Cen	0.61000	28000.	81	41888	No
121	GOM_NL__2PRFIN20100305_092004_000000432087_00251_41888_7909.N1	05-MAR-2010 09:20:04	Dark	42.500	77	Eps Cen	2.3030	28000.	85	41888	No
122	GOM_NL__2PRFIN20100305_092141_000000512087_00251_41888_7910.N1	05-MAR-2010 09:21:41	Dark	50.500	26	Gam Cru	1.6240	2900.0	101	41888	No
123	GOM_NL__2PRFIN20100305_092312_000000462087_00251_41888_7911.N1	05-MAR-2010 09:23:12	Dark	45.500	64	Gam Cen	2.2000	10600.	91	41888	No
124	GOM_NL__2PRFIN20100305_092456_000000532087_00251_41888_7912.N1	05-MAR-2010 09:24:56	Straylight	53.000	123	lot Cen	2.7500	10200.	106	41888	No
125	GOM_NL__2PRFIN20100305_094419_000000412087_00251_41888_7913.N1	05-MAR-2010 09:44:19	Bright	41.000	22	32Alp Leo	1.3600	15200.	82	41888	No
126	GOM_NL__2PRFIN20100305_094649_000000432087_00251_41888_7914.N1	05-MAR-2010 09:46:49	Bright	43.000	51	41Gam1Leo	2.0100	4500.0	86	41888	No
127	GOM_NL__2PRFIN20100305_094818_000000402087_00251_41888_7915.N1	05-MAR-2010 09:48:18	Bright	40.000	96	68Del Leo	2.5600	9300.0	80	41888	No
128	GOM_NL__2PRFIN20100305_095525_000000422087_00251_41888_7916.N1	05-MAR-2010 09:55:25	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	41888	No
129	GOM_NL__2PRFIN20100305_095820_000000412087_00251_41888_7917.N1	05-MAR-2010 09:58:20	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	41888	No
130	GOM_NL__2PRFIN20100305_095943_000000402087_00251_41888_7918.N1	05-MAR-2010 09:59:43	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	41888	No
131	GOM_NL__2PRFIN20100305_100655_000000432087_00251_41888_7919.N1	05-MAR-2010 10:06:55	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41888	No
132	GOM_NL__2PRFIN20100305_101130_000000462087_00251_41888_7920.N1	05-MAR-2010 10:11:30	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	41888	No
133	GOM_NL__2PRFIN20100305_101646_000000652087_00251_41888_7921.N1	05-MAR-2010 10:16:46	Bright	65.000	69	33Gam Dra	2.2310	3800.0	130	41888	No
134	GOM_NL__2PRFIN20100305_101919_000000542087_00251_41888_7922.N1	05-MAR-2010 10:19:19	Bright	54.000	144	18Del Cyg	2.8600	11000.	108	41888	No
135	GOM_NL__2PRFIN20100305_102127_000000522087_00251_41888_7923.N1	05-MAR-2010 10:21:27	Bright	51.500	5	3Alp Lyr	0.033000	11000.	103	41888	No
136	GOM_NL__2PRFIN20100305_102922_000000432087_00251_41888_7924.N1	05-MAR-2010 10:29:22	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	41888	No
137	GOM_NL__2PRFIN20100305_103919_000000442087_00251_41888_7925.N1	05-MAR-2010 10:39:19	Dark	44.000	155	41Pi Sgr	2.9000	6600.0	88	41888	No
138	GOM_NL__2PRFIN20100305_104112_000000442087_00251_41888_7926.N1	05-MAR-2010 10:41:12	Dark	43.500	57	34Sig Sgr	2.0660	26000.	87	41888	No
139	GOM_NL__2PRFIN20100305_104424_000000462087_00251_41888_7927.N1	05-MAR-2010 10:44:24	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	41888	No
140	GOM_NL__2PRFIN20100305_104728_000000472087_00251_41888_7928.N1	05-MAR-2010 10:47:28	Dark	47.000	25	35Lam Sco	1.6200	28000.	94	41888	No
141	GOM_NL__2PRFIN20100305_105729_000000482087_00252_41889_7915.N1	05-MAR-2010 10:57:29	Dark	48.000	4	Alp1Cen	-0.010000	5800.0	96	41889	No
142	GOM_NL__2PRFIN20100305_105847_000000432087_00252_41889_7916.N1	05-MAR-2010 10:58:47	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41889	No
143	GOM_NL__2PRFIN20100305_110040_000000512087_00252_41889_7917.N1	05-MAR-2010 11:00:40	Dark	51.000	77	Eps Cen	2.3030	28000.	102	41889	No
144	GOM_NL__2PRFIN20100305_110218_000000542087_00252_41889_7918.N1	05-MAR-2010 11:02:18	Dark	54.000	26	Gam Cru	1.6240	2900.0	108	41889	No
145	GOM_NL__2PRFIN20100305_110349_000000432087_00252_41889_7919.N1	05-MAR-2010 11:03:49	Dark	43.000	64	Gam Cen	2.2000	10600.	86	41889	No
146	GOM_NL__2PRFIN20100305_110532_000000522087_00252_41889_7920.N1	05-MAR-2010 11:05:32	Straylight	52.000	123	lot Cen	2.7500	10200.	104	41889	No
147	GOM_NL__2PRFIN20100305_112455_000000422087_00252_41889_7921.N1	05-MAR-2010 11:24:55	Bright	42.000	22	32Alp Leo	1.3600	15200.	84	41889	No
148	GOM_NL__2PRFIN20100305_112725_000000432087_00252_41889_7922.N1	05-MAR-2010 11:27:25	Bright	43.000	51	41Gam1Leo	2.0100	4500.0	86	41889	No
149	GOM_NL__2PRFIN20100305_112854_000000402087_00252_41889_7923.N1	05-MAR-2010 11:28:54	Bright	40.000	96	68Del Leo	2.5600	9300.0	80	41889	No
150	GOM_NL__2PRFIN20100305_113600_000000442087_00252_41889_7924.N1	05-MAR-2010 11:36:00	Bright	44.000	174	52Psi UMa	3.0040	4400.0	88	41889	No
151	GOM_NL__2PRFIN20100305_113855_000000402087_00252_41889_7925.N1	05-MAR-2010 11:38:55	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	41889	No
152	GOM_NL__2PRFIN20100305_114018_000000432087_00252_41889_7926.N1	05-MAR-2010 11:40:18	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	41889	No
153	GOM_NL__2PRFIN20100305_114731_000000402087_00252_41889_7927.N1	05-MAR-2010 11:47:31	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41889	No
154	GOM_NL__2PRFIN20100305_115205_000000492087_00252_41889_7928.N1	05-MAR-2010 11:52:05	Bright	48.500	119	14Eta Dra	2.7270	4700.0	97	41889	No
155	GOM_NL__2PRFIN20100305_115722_000000502087_00252_41889_7929.N1	05-MAR-2010 11:57:22	Bright	49.500	69	33Gam Dra	2.2310	3800.0	99	41889	No
156	GOM_NL__2PRFIN20100305_115955_000000352087_00252_41889_7930.N1	05-MAR-2010 11:59:55	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	41889	No
157	GOM_NL__2PRFIN20100305_120203_000000432087_00252_41889_7931.N1	05-MAR-2010 12:02:03	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	41889	No
158	GOM_NL__2PRFIN20100305_120959_000000442087_00252_41889_7932.N1	05-MAR-2010 12:09:59	Bright	43.500	168	17Zet Aql	2.9860	11000.	87	41889	No
159	GOM_NL__2PRFIN20100305_121955_000000432087_00252_41889_7933.N1	05-MAR-2010 12:19:55	Dark	43.000	155	41Pi Sgr	2.9000	6600.0	86	41889	No
160	GOM_NL__2PRFIN20100305_122148_000000442087_00252_41889_7934.N1	05-MAR-2010 12:21:48	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	41889	No



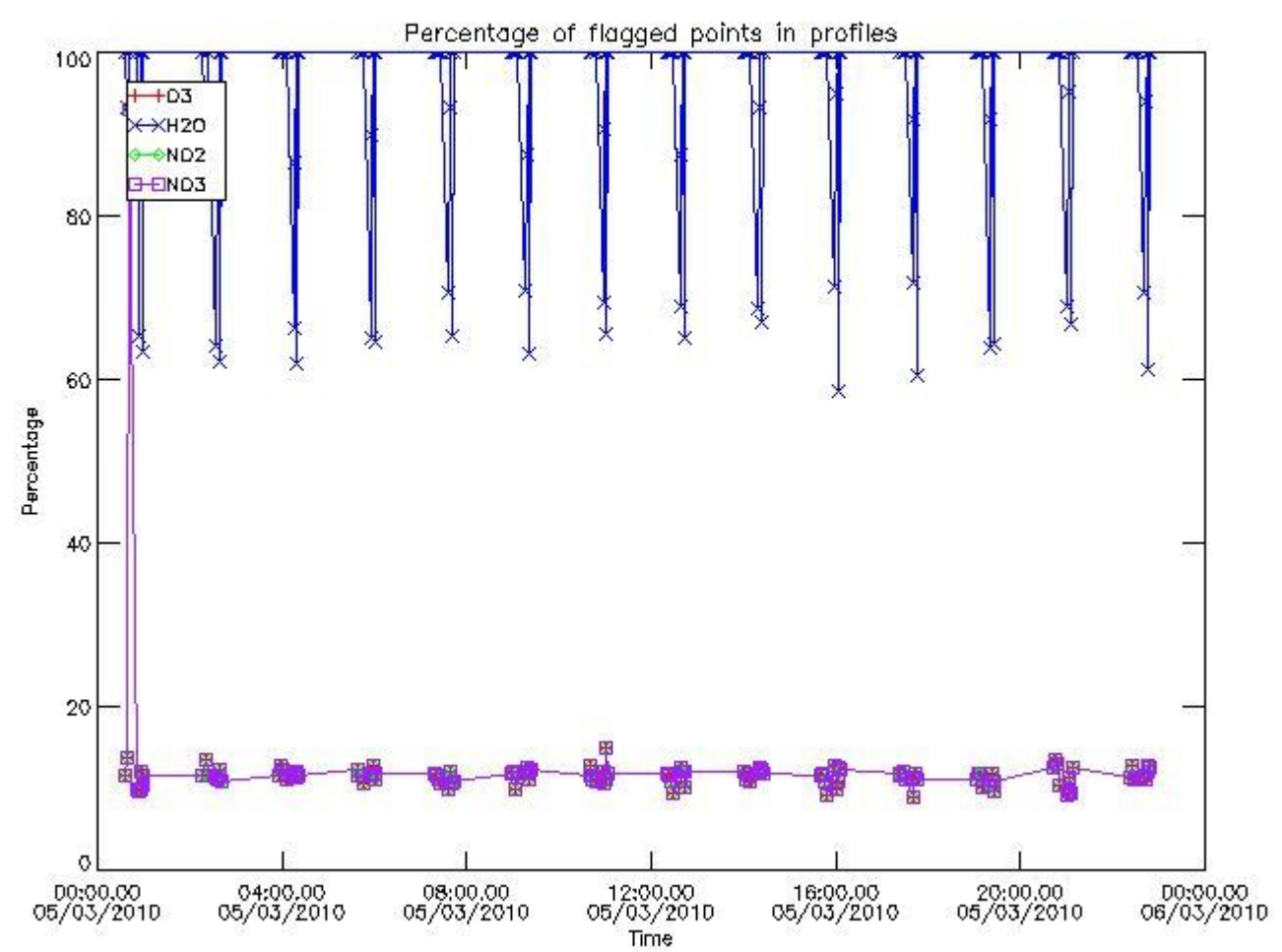


279	GOM_NL__2PRFIN20100305_211643_000000262087_00258_41895_7971.N1	05-MAR-2010 21:16:43	Straylight	26.000	171	2Eps Crv	3.0010	4250.0	52	41895	No
280	GOM_NL__2PRFIN20100305_212830_000000432087_00258_41895_7972.N1	05-MAR-2010 21:28:30	Bright	42.500	22	32Alp Leo	1.3600	15200.	85	41895	No
281	GOM_NL__2PRFIN20100305_213059_000000422087_00258_41895_7973.N1	05-MAR-2010 21:30:59	Bright	41.500	51	41Gam1Leo	2.0100	4500.0	83	41895	No
282	GOM_NL__2PRFIN20100305_213226_000000472087_00258_41895_7974.N1	05-MAR-2010 21:32:26	Bright	47.000	96	68Del Leo	2.5600	9300.0	94	41895	No
283	GOM_NL__2PRFIN20100305_213933_000000422087_00258_41895_7975.N1	05-MAR-2010 21:39:33	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	41895	No
284	GOM_NL__2PRFIN20100305_214228_000000422087_00258_41895_7976.N1	05-MAR-2010 21:42:28	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	41895	No
285	GOM_NL__2PRFIN20100305_214352_000000422087_00258_41895_7977.N1	05-MAR-2010 21:43:52	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	41895	No
286	GOM_NL__2PRFIN20100305_215105_000000382087_00258_41895_7978.N1	05-MAR-2010 21:51:05	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	41895	No
287	GOM_NL__2PRFIN20100305_215538_000000472087_00258_41895_7979.N1	05-MAR-2010 21:55:38	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	41895	No
288	GOM_NL__2PRFIN20100305_220014_000000462087_00258_41895_7980.N1	05-MAR-2010 22:00:14	Bright	45.500	130	23Bet Dra	2.7990	5800.0	91	41895	No
289	GOM_NL__2PRFIN20100305_220331_000000362087_00258_41895_7981.N1	05-MAR-2010 22:03:31	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	41895	No
290	GOM_NL__2PRFIN20100305_220539_000000472087_00258_41895_7982.N1	05-MAR-2010 22:05:39	Bright	46.500	5	3Alp Lyr	0.033000	11000.	93	41895	No
291	GOM_NL__2PRFIN20100305_221336_000000422087_00258_41895_7983.N1	05-MAR-2010 22:13:36	Bright	42.000	168	17Zet Aql	2.9860	11000.	84	41895	No
292	GOM_NL__2PRFIN20100305_222334_000000452087_00258_41895_7984.N1	05-MAR-2010 22:23:34	Dark	45.000	155	41Pi Sgr	2.9000	6600.0	90	41895	No
293	GOM_NL__2PRFIN20100305_222527_000000442087_00258_41895_7985.N1	05-MAR-2010 22:25:27	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	41895	No
294	GOM_NL__2PRFIN20100305_222841_000000512087_00258_41895_7986.N1	05-MAR-2010 22:28:41	Dark	50.500	38	20Eps Sgr	1.8360	11000.	101	41895	No
295	GOM_NL__2PRFIN20100305_223146_000000452087_00258_41895_7987.N1	05-MAR-2010 22:31:46	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	41895	No
296	GOM_NL__2PRFIN20100305_224145_000000452087_00259_41896_7973.N1	05-MAR-2010 22:41:45	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	41896	No
297	GOM_NL__2PRFIN20100305_224302_000000512087_00259_41896_7974.N1	05-MAR-2010 22:43:02	Dark	51.000	10	Bet Cen	0.61000	28000.	102	41896	No
298	GOM_NL__2PRFIN20100305_224456_000000422087_00259_41896_7975.N1	05-MAR-2010 22:44:56	Dark	42.000	77	Eps Cen	2.3030	28000.	84	41896	No
299	GOM_NL__2PRFIN20100305_224632_000000522087_00259_41896_7976.N1	05-MAR-2010 22:46:32	Dark	52.000	26	Gam Cru	1.6240	2900.0	104	41896	No
300	GOM_NL__2PRFIN20100305_224804_000000452087_00259_41896_7977.N1	05-MAR-2010 22:48:04	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41896	No
301	GOM_NL__2PRFIN20100305_224949_000000522087_00259_41896_7978.N1	05-MAR-2010 22:49:49	Straylight	52.000	123	Iot Cen	2.7500	10200.	104	41896	No
302	GOM_NL__2PRFIN20100305_225719_000000312087_00259_41896_7979.N1	05-MAR-2010 22:57:19	Straylight	31.000	171	2Eps Crv	3.0010	4250.0	62	41896	No
303	GOM_NL__2PRFIN20100305_230906_000000422087_00259_41896_7980.N1	05-MAR-2010 23:09:06	Bright	41.500	22	32Alp Leo	1.3600	15200.	83	41896	No
304	GOM_NL__2PRFIN20100305_231135_000000442087_00259_41896_7981.N1	05-MAR-2010 23:11:35	Bright	43.500	51	41Gam1Leo	2.0100	4500.0	87	41896	No
305	GOM_NL__2PRFIN20100305_231301_000000492087_00259_41896_7982.N1	05-MAR-2010 23:13:01	Bright	48.500	96	68Del Leo	2.5600	9300.0	97	41896	No
306	GOM_NL__2PRFIN20100305_232008_000000412087_00259_41896_7983.N1	05-MAR-2010 23:20:08	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	41896	No
307	GOM_NL__2PRFIN20100305_232304_000000412087_00259_41896_7984.N1	05-MAR-2010 23:23:04	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	41896	No
308	GOM_NL__2PRFIN20100305_232427_000000432087_00259_41896_7985.N1	05-MAR-2010 23:24:27	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41896	No
309	GOM_NL__2PRFIN20100305_233140_000000382087_00259_41896_7986.N1	05-MAR-2010 23:31:40	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	41896	No
310	GOM_NL__2PRFIN20100305_233614_000000492087_00259_41896_7987.N1	05-MAR-2010 23:36:14	Bright	48.500	119	14Eta Dra	2.7270	4700.0	97	41896	No
311	GOM_NL__2PRFIN20100305_234049_000000472087_00259_41896_7988.N1	05-MAR-2010 23:40:49	Bright	47.000	130	23Bet Dra	2.7990	5800.0	94	41896	No
312	GOM_NL__2PRFIN20100305_234407_000000362087_00259_41896_7989.N1	05-MAR-2010 23:44:07	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	41896	No
313	GOM_NL__2PRFIN20100305_234615_000000442087_00259_41896_7990.N1	05-MAR-2010 23:46:15	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	41896	No
314	GOM_NL__2PRFIN20100305_235413_000000452087_00259_41896_7991.N1	05-MAR-2010 23:54:13	Bright	44.500	168	17Zet Aql	2.9860	11000.	89	41896	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.

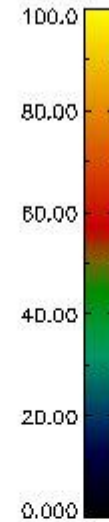
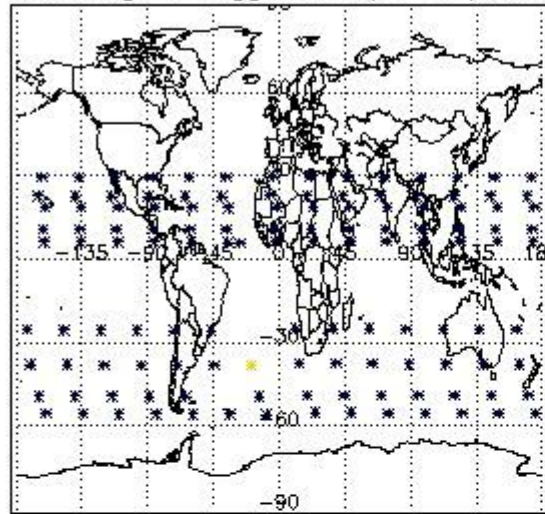
#### 3.1 Plot quality information per product (time dependant)



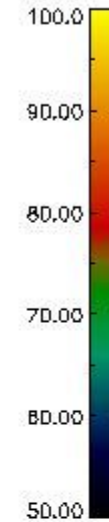
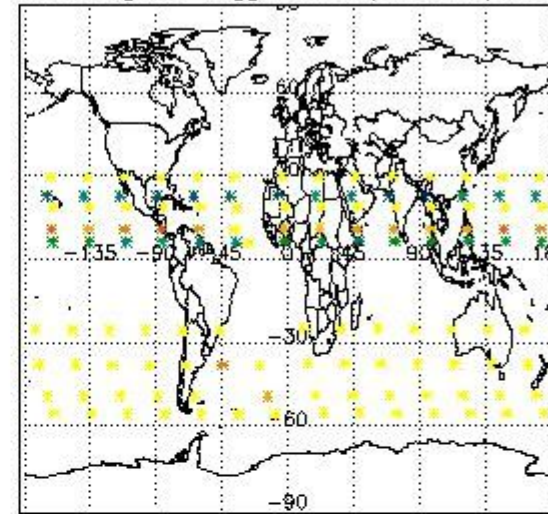
3.2 Plot quality information per product (world map)



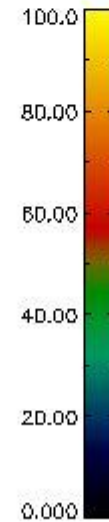
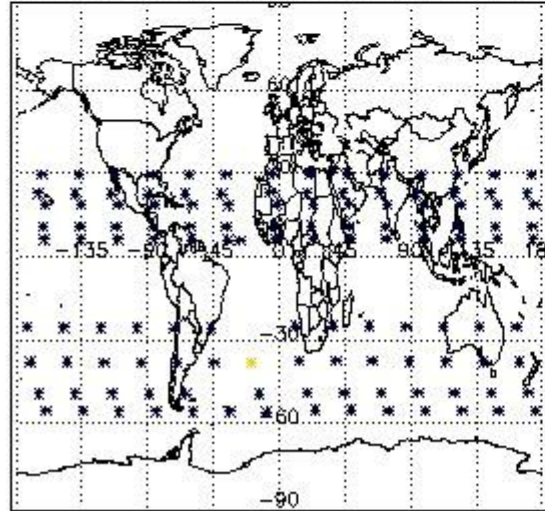
Percentage of flagged data per O3 profile



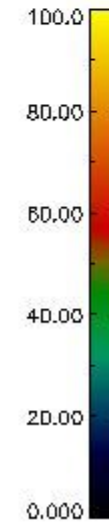
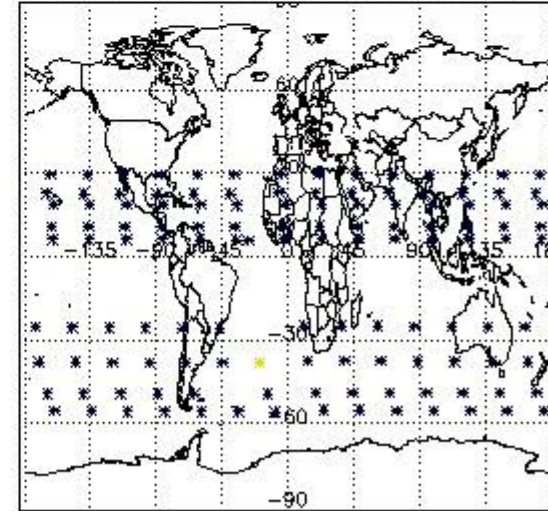
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

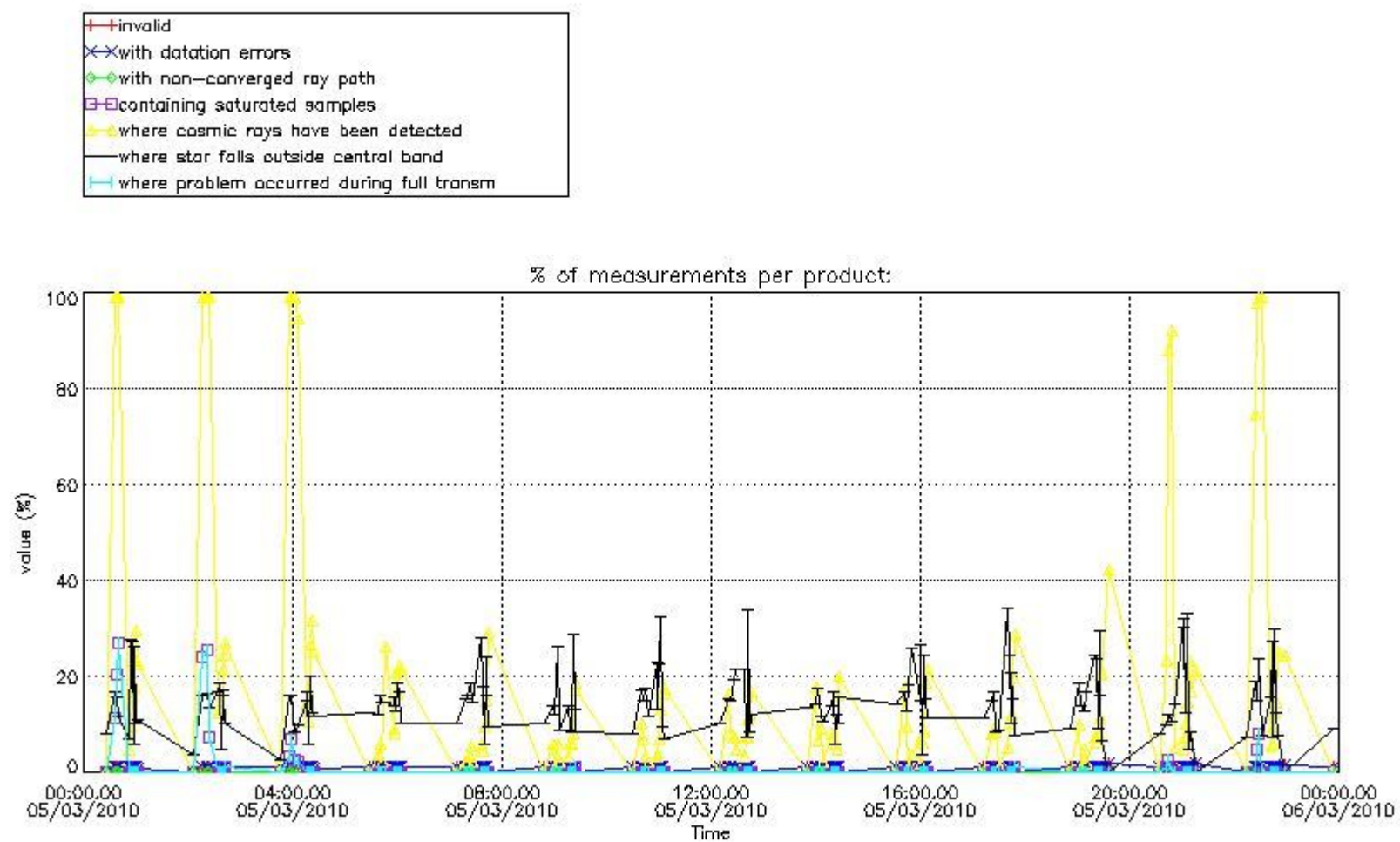


#### 4. Level 1 quality information per product

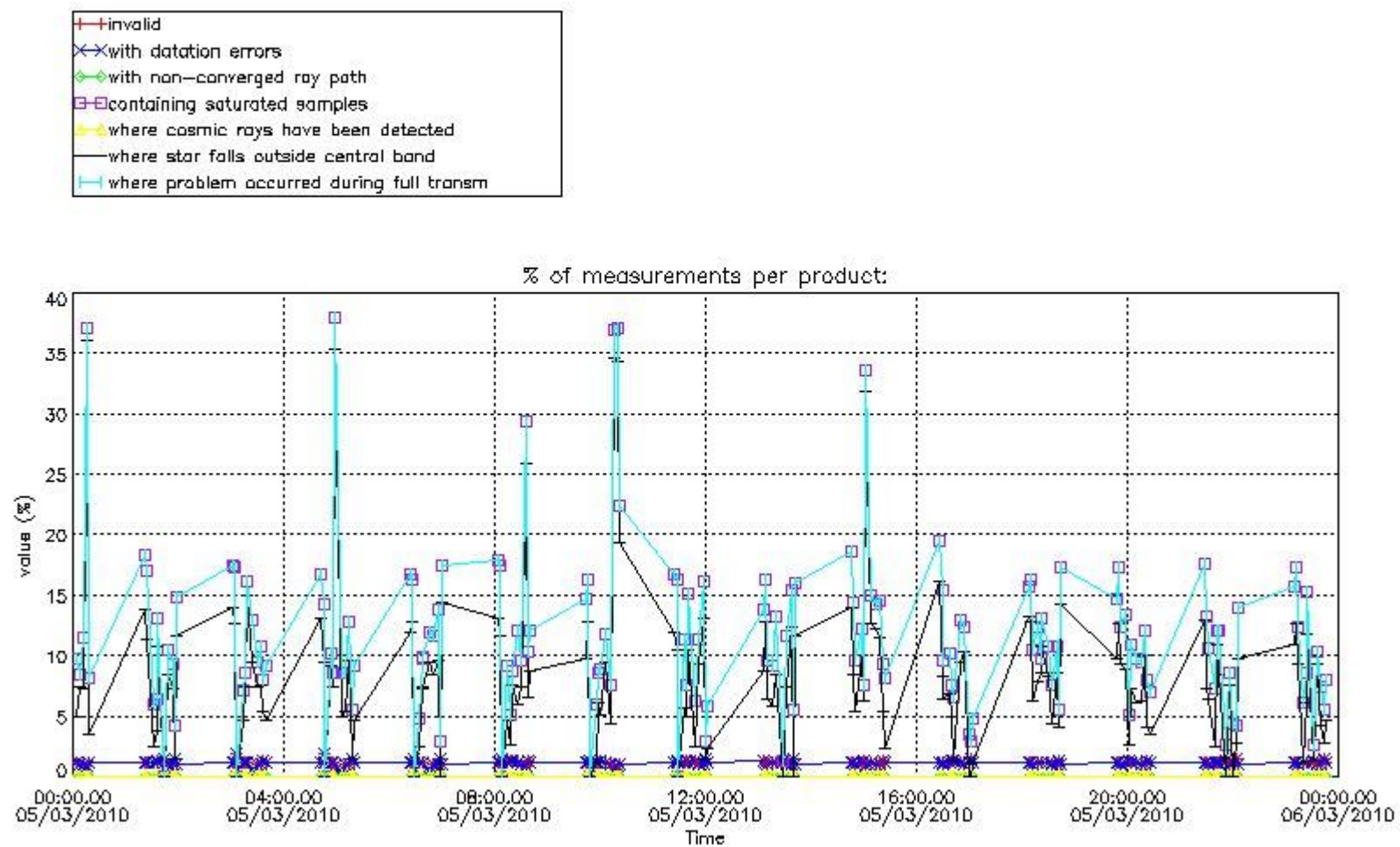
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



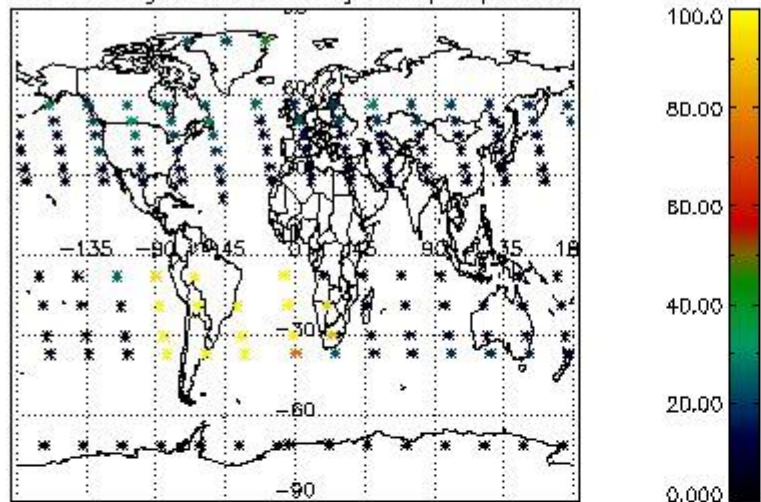
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



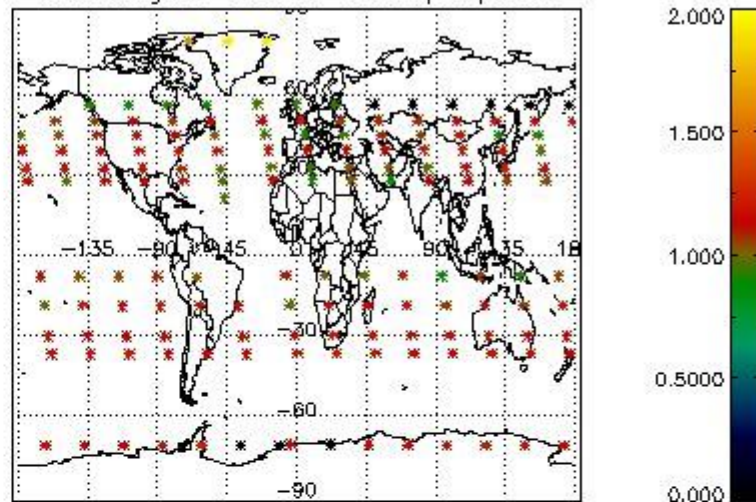
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

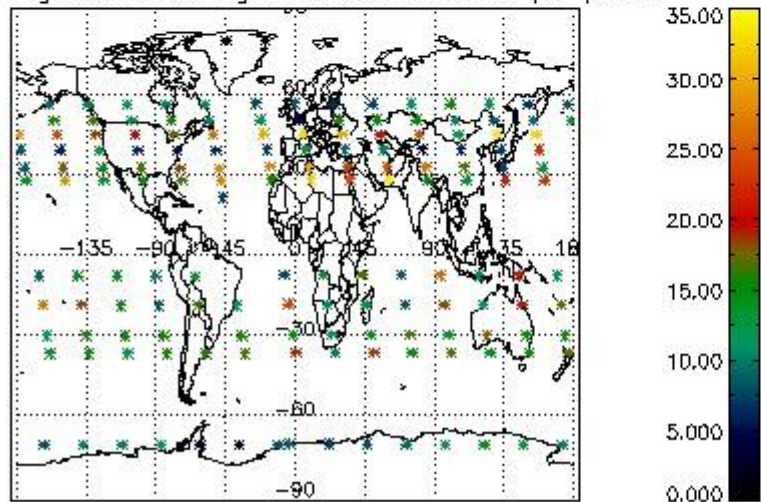
Percentage of cosmic ray hits per profile



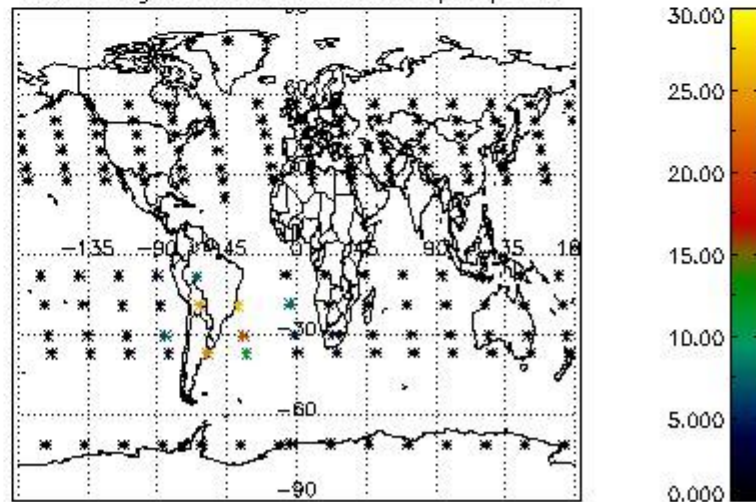
Percentage of datation errors per profile



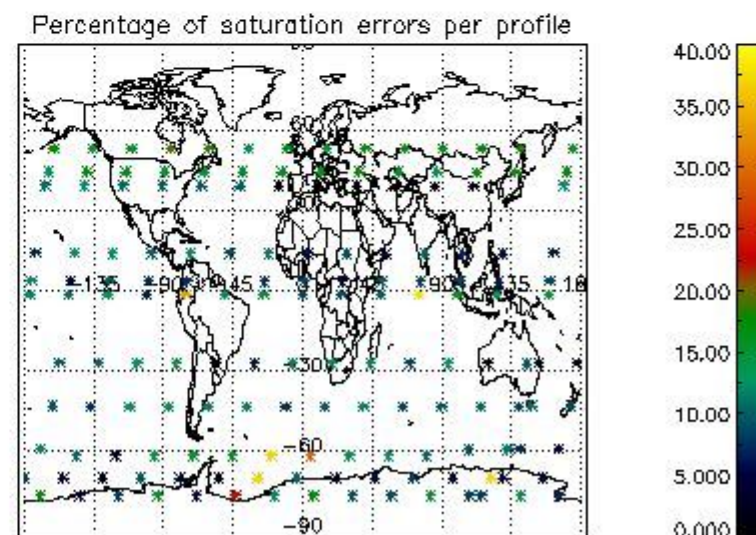
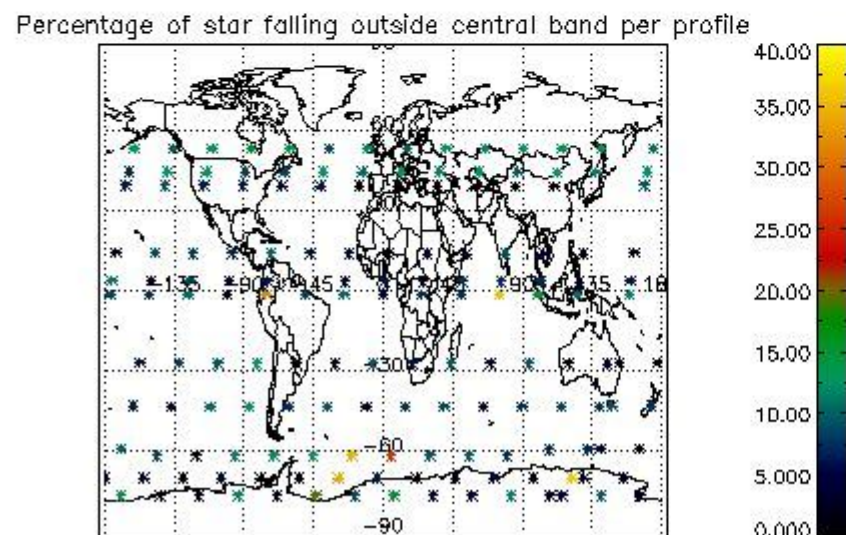
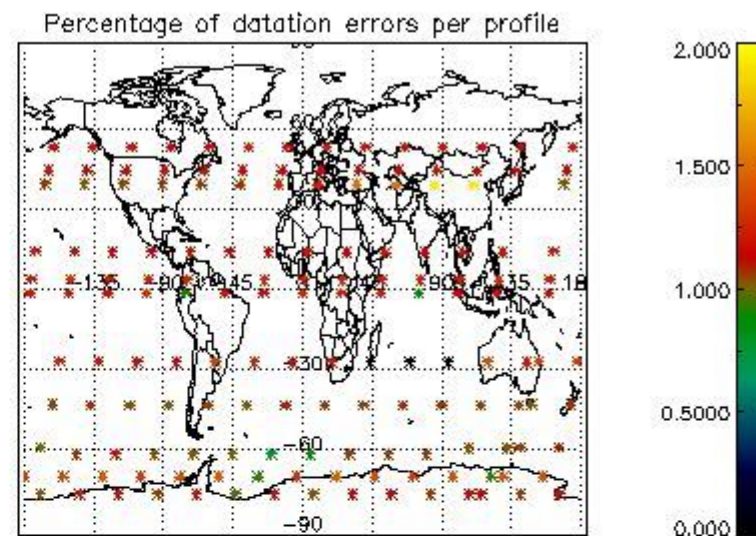
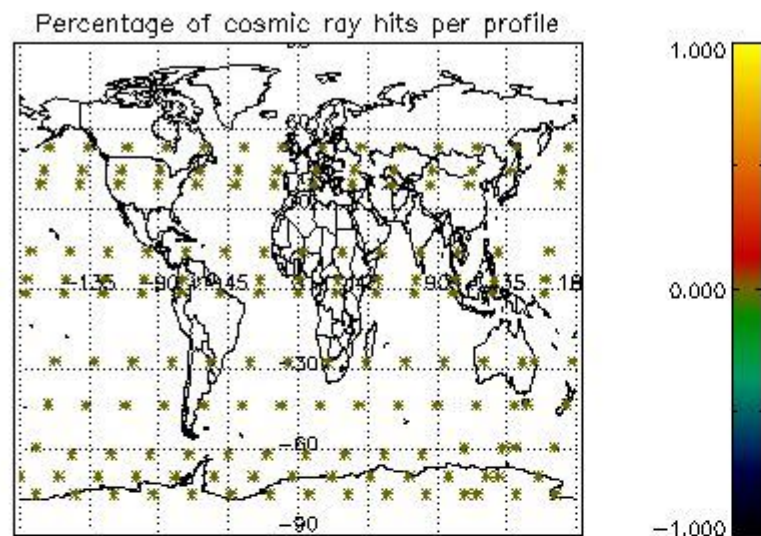
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

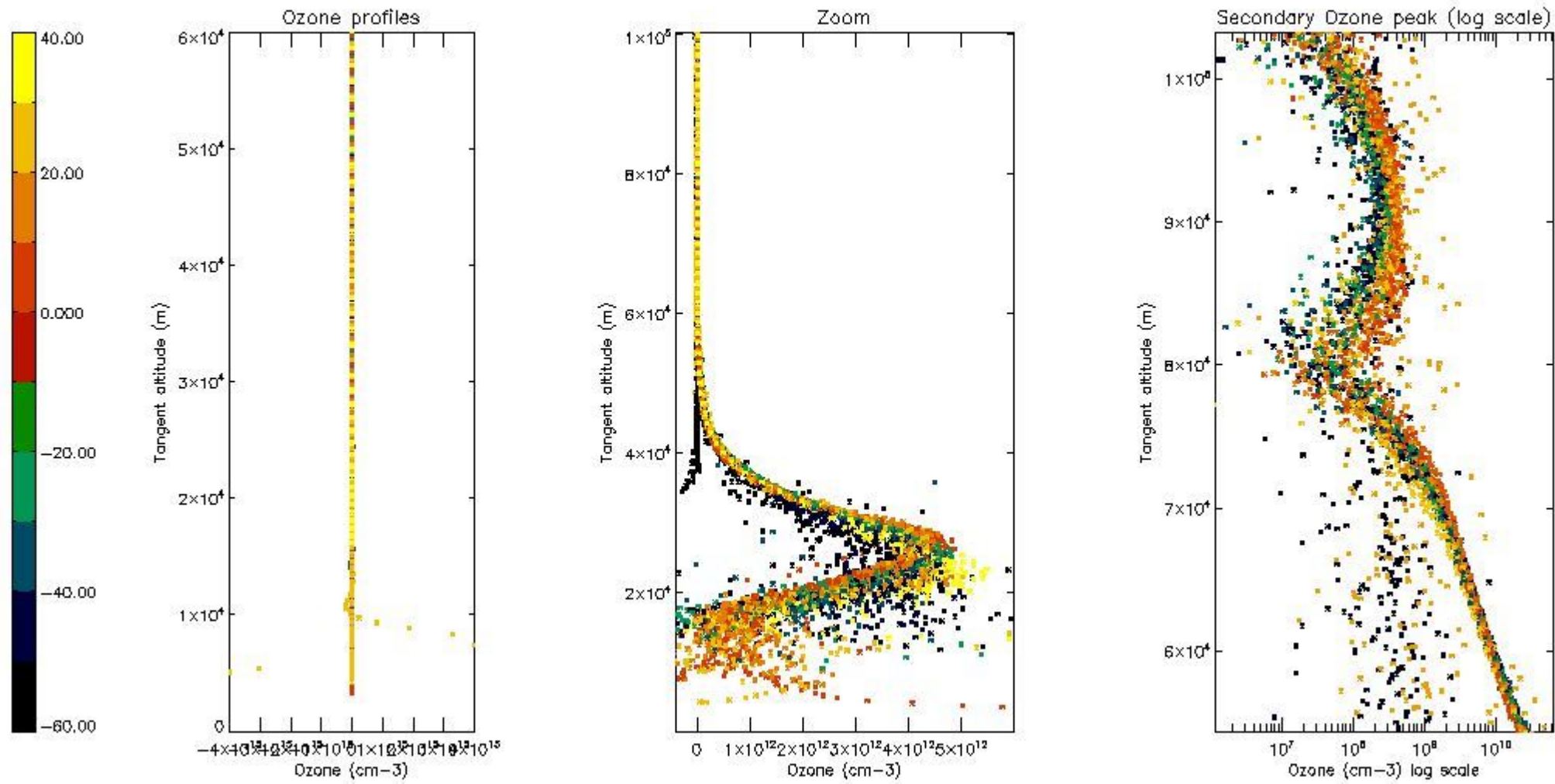
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	22

STD < 10	18
STD < 5	13

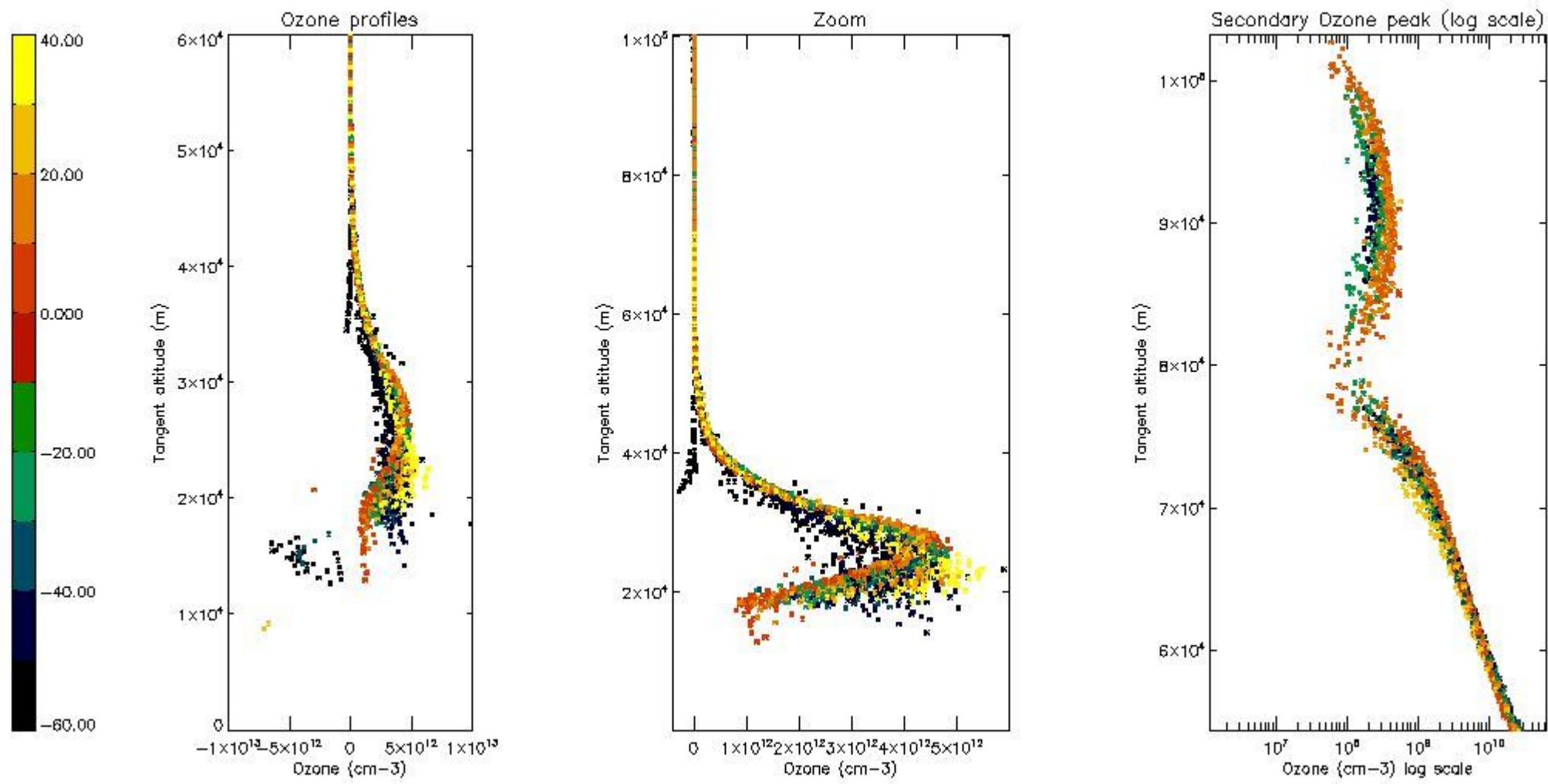
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



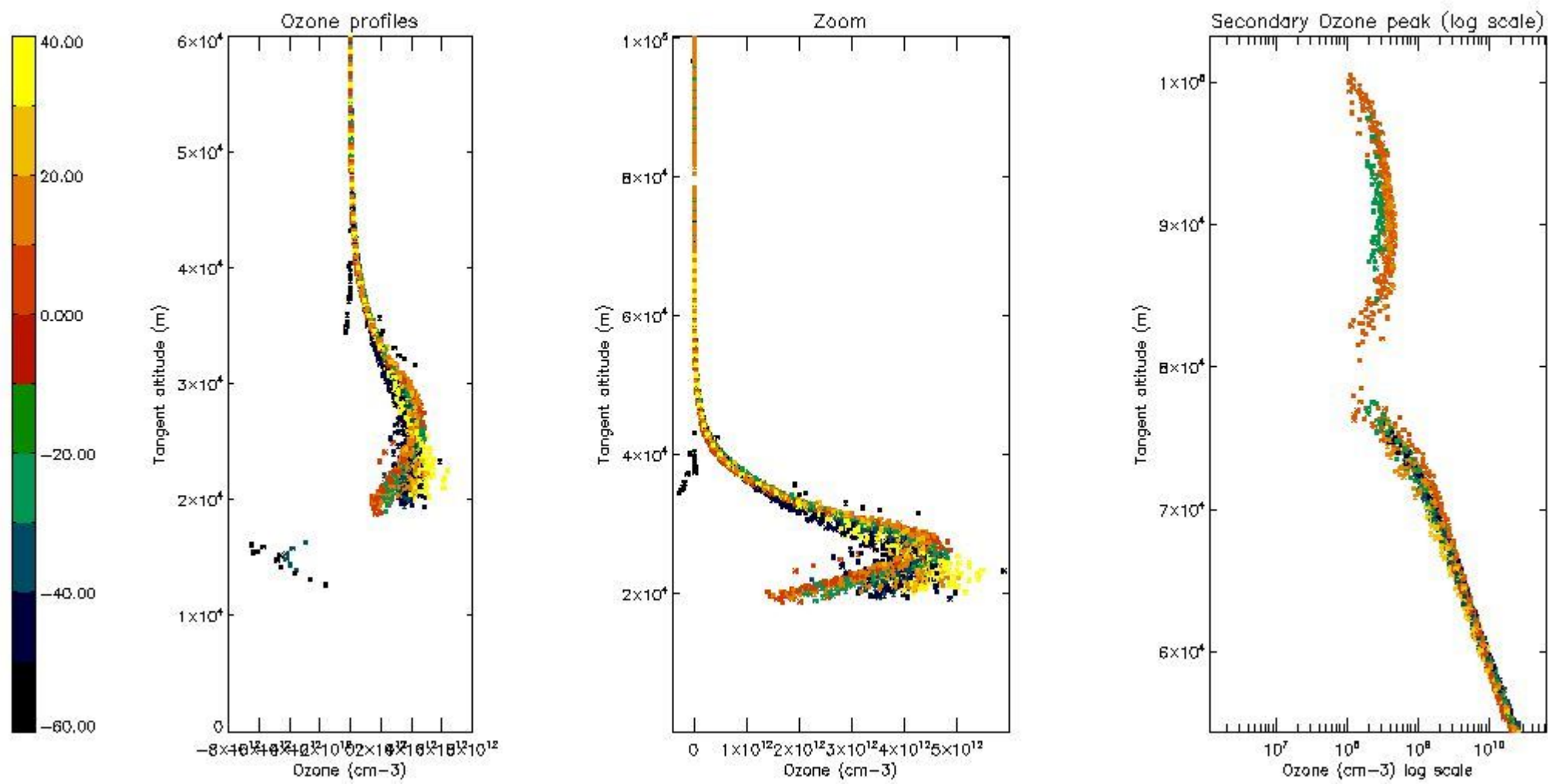
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

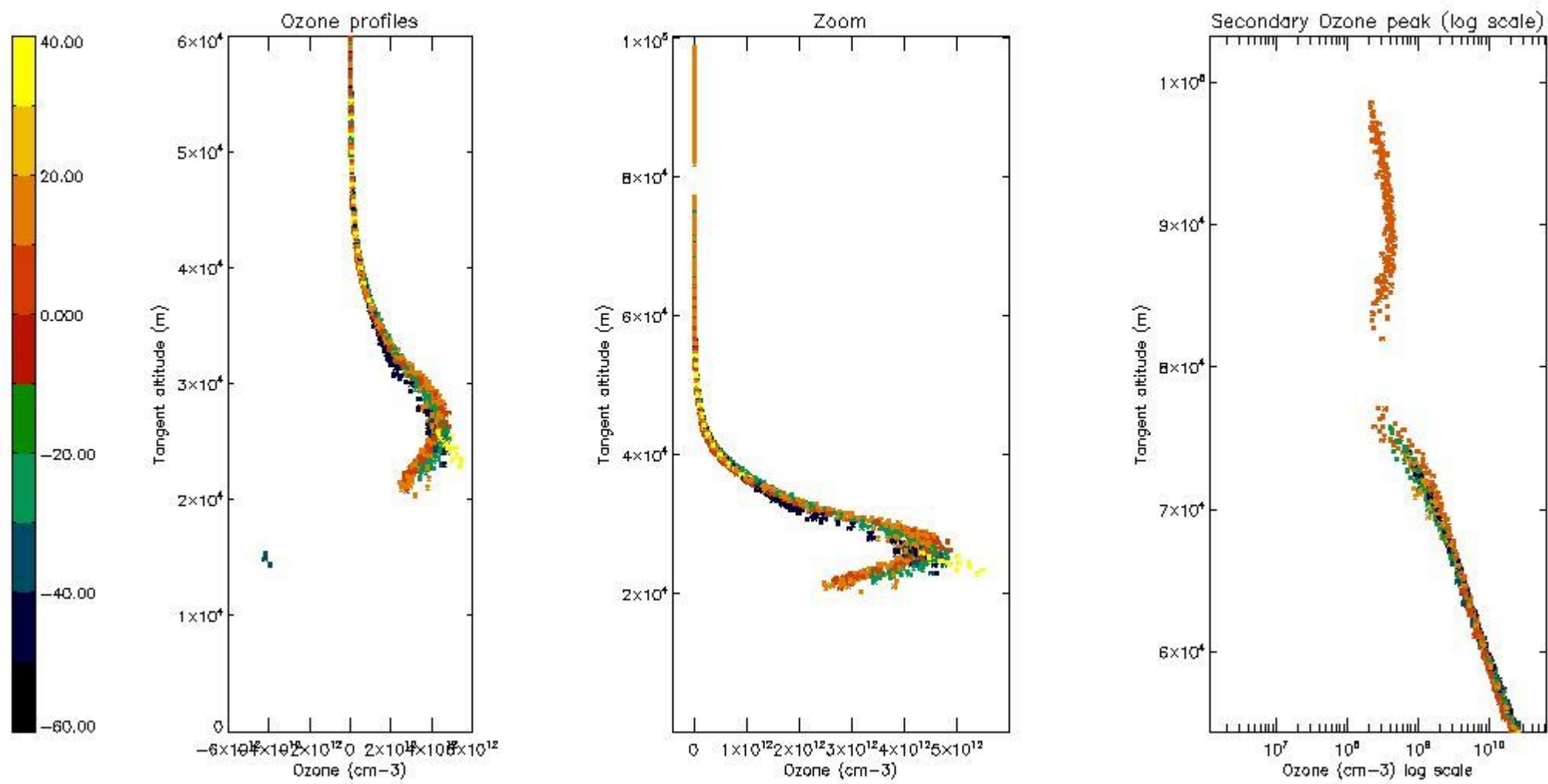
The colorbar represents the latitude.



*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

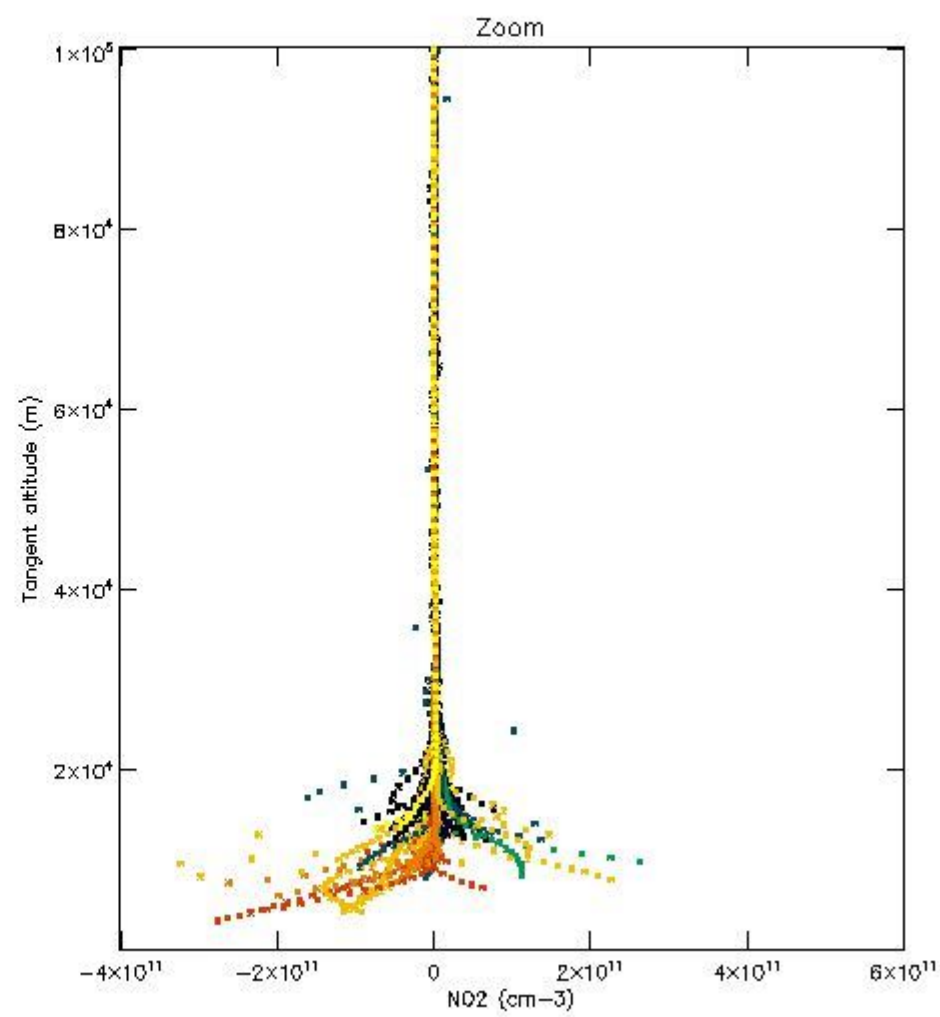
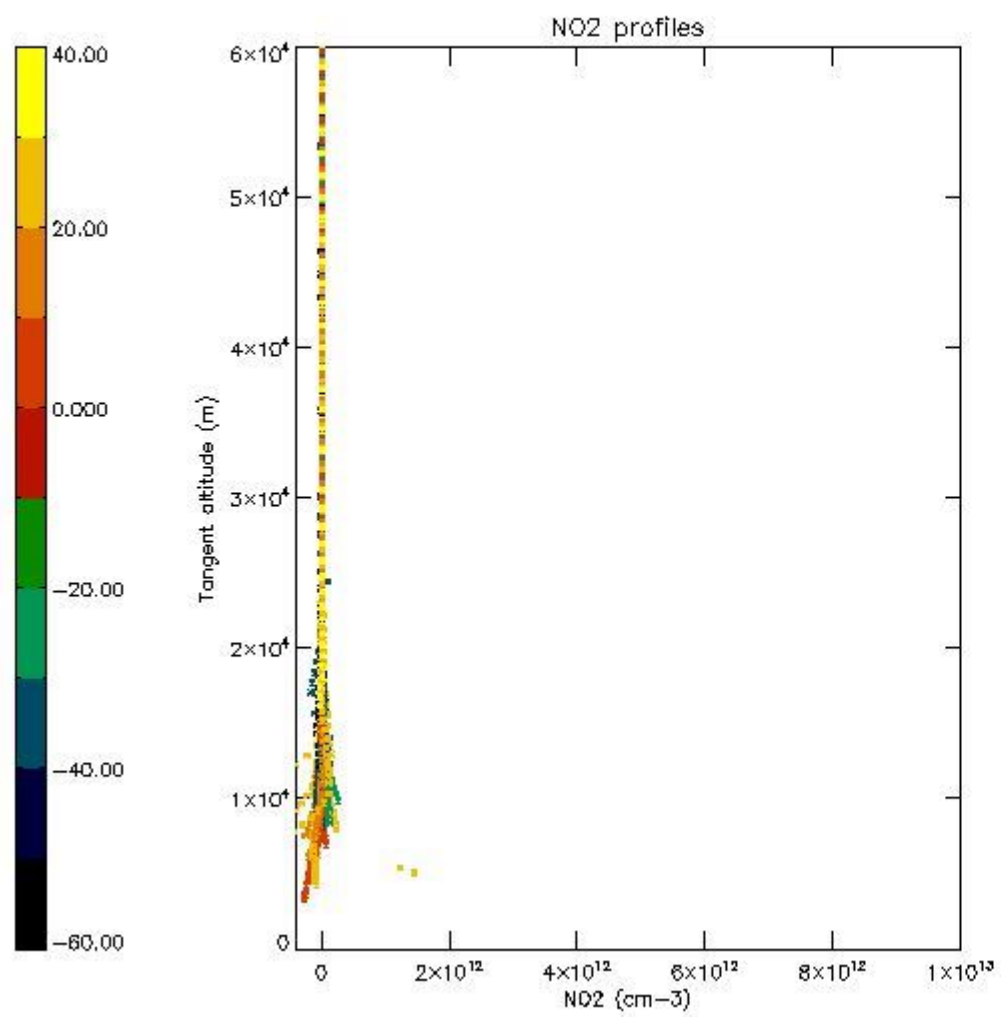
The colorbar represents the latitude.





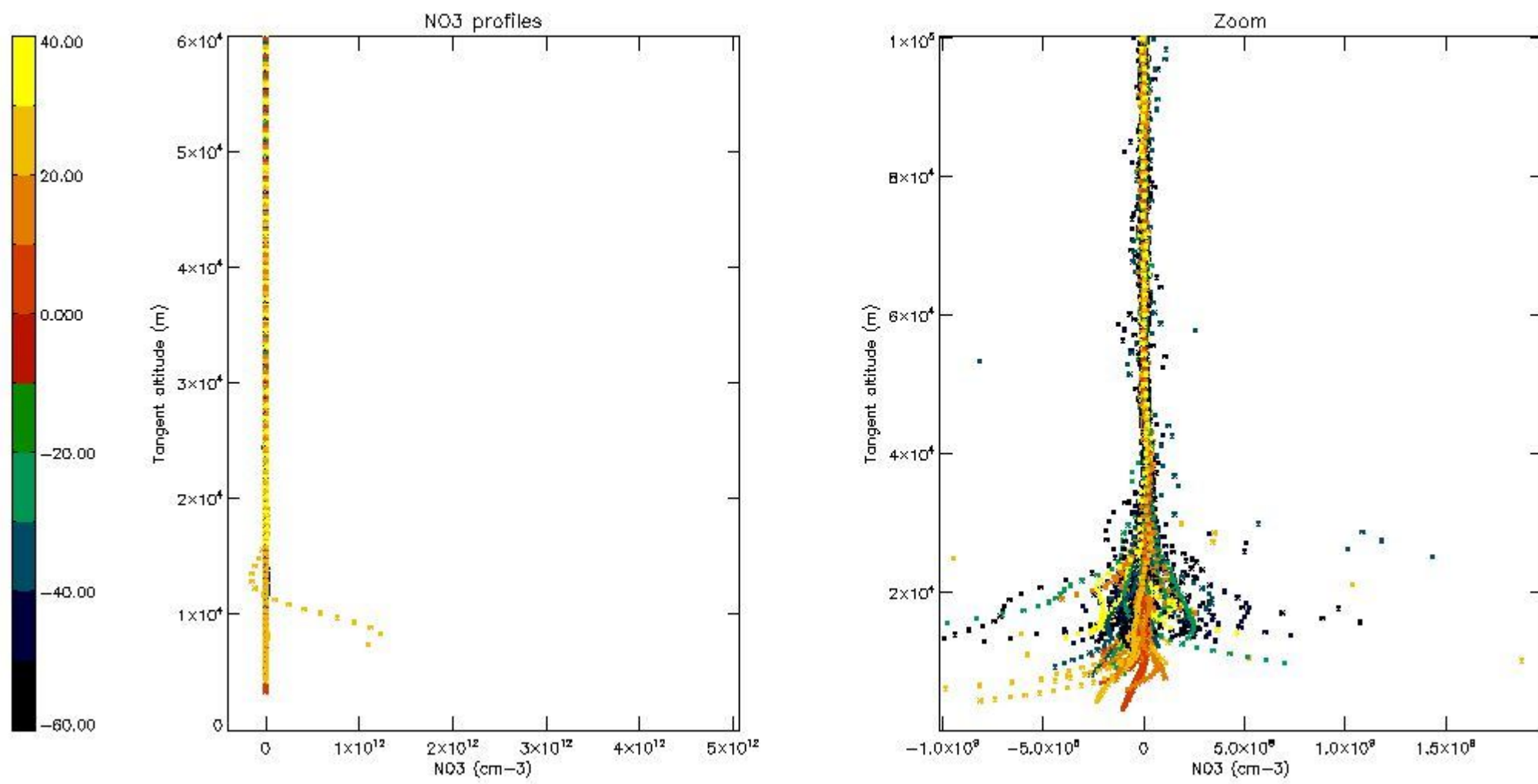
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



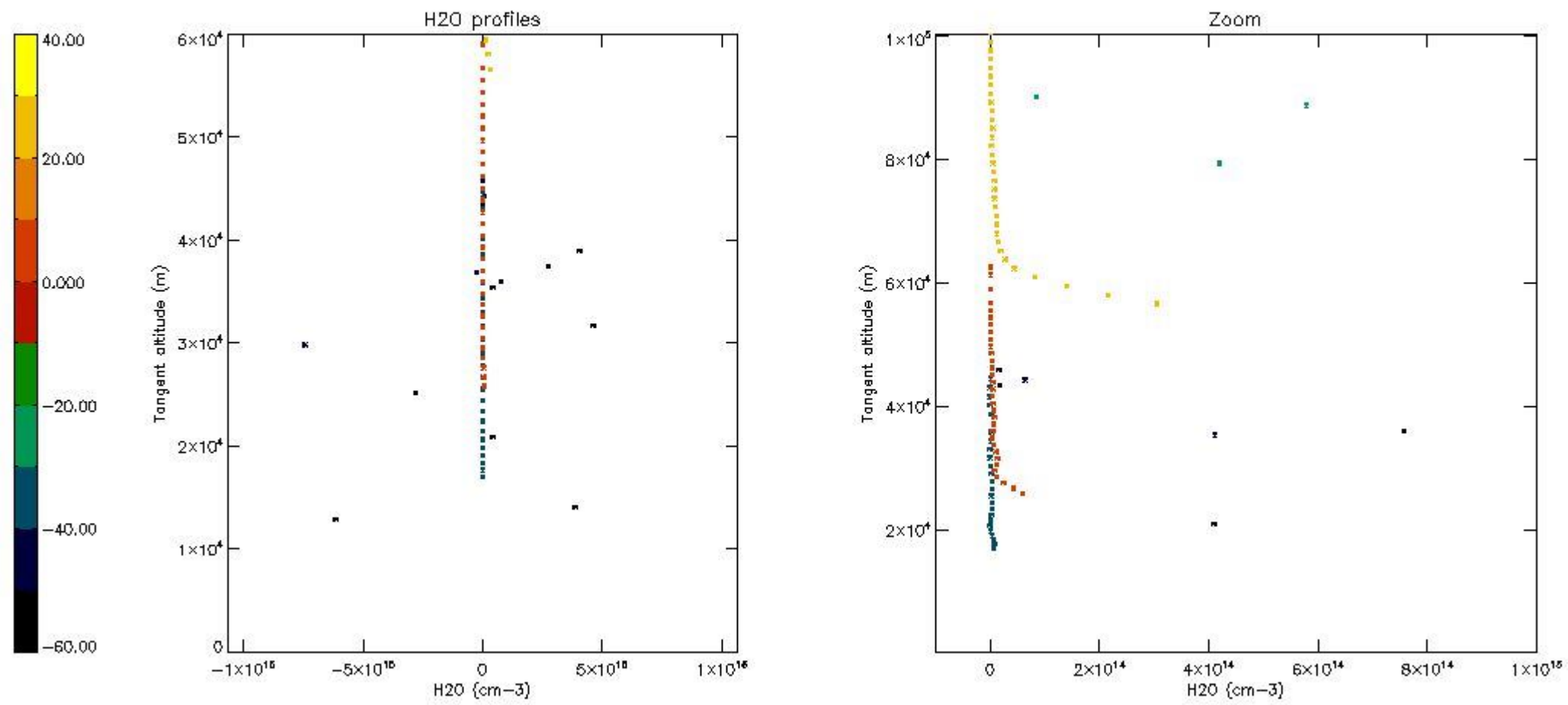
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



*5.8 Plot H2O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)*

The colorbar represents the latitude.



## 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	05-MAR-2010 00:03:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-MAR-2010 00:03:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-MAR-2010 00:03:22

# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

### [2. Summary of processed GOM\\_NL\\_2P products](#)

### [3. Level 2 Quality information per product](#)

#### [3.1 Plot of level 2 quality information per product \(time dependant\)](#)

#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

### [4. Level 1 Quality information per product \(stored on level 2 products\)](#)

#### [4.1 Plot of level 1 quality information per product \(time dependant\)](#)

##### [4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

##### [4.1.2 Plot of level 1 quality information per product \(time dependant\): DESCENDING](#)

#### [4.2 Plot of level 1 quality information per product \(world map\)](#)

##### [4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

##### [4.2.2 Plot of level 1 quality information per product \(world map\): DESCENDING](#)

### [5. Ozone profiles based on quality statistics and other trace gas profiles](#)

#### [5.1 Ozone statistics based on quality of products](#)

#### [5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

#### [5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

#### [5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

#### [5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

#### [5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

#### [5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

#### [5.8 Plot H2O profiles \(only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors\) for all STD](#)

### [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	26APR2013 17:55:10
Data source version	GOMOS/6.01
Start time of products	05-03-2010 (05MAR2010 00:00:00)
Stop time of products	06-03-2010 (06MAR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	314
Nb of prods with errors	0

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

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100305_000322_000000412087_00245_41882_7838.N1	05-MAR-2010 00:03:22	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41882	No
2	GOM_NL__2PRFIN20100305_000757_000000482087_00245_41882_7839.N1	05-MAR-2010 00:07:57	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	41882	No
3	GOM_NL__2PRFIN20100305_001230_000000482087_00245_41882_7840.N1	05-MAR-2010 00:12:30	Bright	48.000	130	23Bet Dra	2.7990	5800.0	96	41882	No
4	GOM_NL__2PRFIN20100305_001543_000000542087_00245_41882_7841.N1	05-MAR-2010 00:15:43	Bright	54.000	144	18Del Cyg	2.8600	11000.	108	41882	No
5	GOM_NL__2PRFIN20100305_001751_000000432087_00245_41882_7842.N1	05-MAR-2010 00:17:51	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	41882	No
6	GOM_NL__2PRFIN20100305_002544_000000432087_00245_41882_7843.N1	05-MAR-2010 00:25:44	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	41882	No
7	GOM_NL__2PRFIN20100305_003540_000000452087_00245_41882_7844.N1	05-MAR-2010 00:35:40	Dark	44.500	155	41Pi Sgr	2.9000	6600.0	89	41882	No
8	GOM_NL__2PRFIN20100305_003732_000000452087_00245_41882_7845.N1	05-MAR-2010 00:37:32	Dark	44.500	57	34Sig Sgr	2.0660	26000.	89	41882	No
9	GOM_NL__2PRFIN20100305_004044_000000432087_00245_41882_7846.N1	05-MAR-2010 00:40:44	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41882	No
10	GOM_NL__2PRFIN20100305_005205_000000522087_00246_41883_7834.N1	05-MAR-2010 00:52:05	Dark	51.500	131	Gam Lup	2.8000	26000.	103	41883	No
11	GOM_NL__2PRFIN20100305_005349_000000532087_00246_41883_7835.N1	05-MAR-2010 00:53:49	Dark	52.500	4	Alp1Cen	-0.010000	5800.0	105	41883	No
12	GOM_NL__2PRFIN20100305_005508_000000512087_00246_41883_7836.N1	05-MAR-2010 00:55:08	Dark	51.000	10	Bet Cen	0.61000	28000.	102	41883	No
13	GOM_NL__2PRFIN20100305_005700_000000422087_00246_41883_7837.N1	05-MAR-2010 00:57:00	Dark	42.000	77	Eps Cen	2.3030	28000.	84	41883	No
14	GOM_NL__2PRFIN20100305_005839_000000502087_00246_41883_7838.N1	05-MAR-2010 00:58:39	Dark	49.500	26	Gam Cru	1.6240	2900.0	99	41883	No
15	GOM_NL__2PRFIN20100305_010009_000000442087_00246_41883_7839.N1	05-MAR-2010 01:00:09	Dark	44.000	64	Gam Cen	2.2000	10600.	88	41883	No
16	GOM_NL__2PRFIN20100305_010152_000000562087_00246_41883_7840.N1	05-MAR-2010 01:01:52	Straylight	55.500	123	lot Cen	2.7500	10200.	111	41883	No
17	GOM_NL__2PRFIN20100305_012120_000000442087_00246_41883_7841.N1	05-MAR-2010 01:21:20	Bright	43.500	22	32Alp Leo	1.3600	15200.	87	41883	No
18	GOM_NL__2PRFIN20100305_012351_000000442087_00246_41883_7842.N1	05-MAR-2010 01:23:51	Bright	44.000	51	41Gam1Leo	2.0100	4500.0	88	41883	No
19	GOM_NL__2PRFIN20100305_013228_000000422087_00246_41883_7843.N1	05-MAR-2010 01:32:28	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	41883	No
20	GOM_NL__2PRFIN20100305_013522_000000392087_00246_41883_7844.N1	05-MAR-2010 01:35:22	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	41883	No
21	GOM_NL__2PRFIN20100305_013645_000000422087_00246_41883_7845.N1	05-MAR-2010 01:36:45	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	41883	No
22	GOM_NL__2PRFIN20100305_014357_000000362087_00246_41883_7846.N1	05-MAR-2010 01:43:57	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	41883	No
23	GOM_NL__2PRFIN20100305_014833_000000482087_00246_41883_7847.N1	05-MAR-2010 01:48:33	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	41883	No
24	GOM_NL__2PRFIN20100305_015306_000000482087_00246_41883_7848.N1	05-MAR-2010 01:53:06	Bright	48.000	130	23Bet Dra	2.7990	5800.0	96	41883	No
25	GOM_NL__2PRFIN20100305_015619_000000362087_00246_41883_7849.N1	05-MAR-2010 01:56:19	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	41883	No
26	GOM_NL__2PRFIN20100305_015827_000000472087_00246_41883_7850.N1	05-MAR-2010 01:58:27	Bright	47.000	5	3Alp Lyr	0.033000	11000.	94	41883	No
27	GOM_NL__2PRFIN20100305_020621_000000412087_00246_41883_7851.N1	05-MAR-2010 02:06:21	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	41883	No
28	GOM_NL__2PRFIN20100305_021616_000000442087_00246_41883_7852.N1	05-MAR-2010 02:16:16	Dark	44.000	155	41Pi Sgr	2.9000	6600.0	88	41883	No
29	GOM_NL__2PRFIN20100305_022121_000000462087_00246_41883_7853.N1	05-MAR-2010 02:21:21	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	41883	No
30	GOM_NL__2PRFIN20100305_022424_000000492087_00246_41883_7854.N1	05-MAR-2010 02:24:24	Dark	48.500	25	35Lam Sco	1.6200	28000.	97	41883	No
31	GOM_NL__2PRFIN20100305_023426_000000452087_00247_41884_7854.N1	05-MAR-2010 02:34:26	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	41884	No
32	GOM_NL__2PRFIN20100305_023544_000000462087_00247_41884_7855.N1	05-MAR-2010 02:35:44	Dark	46.000	10	Bet Cen	0.61000	28000.	92	41884	No
33	GOM_NL__2PRFIN20100305_023737_000000422087_00247_41884_7856.N1	05-MAR-2010 02:37:37	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41884	No
34	GOM_NL__2PRFIN20100305_023915_000000442087_00247_41884_7857.N1	05-MAR-2010 02:39:15	Dark	44.000	26	Gam Cru	1.6240	2900.0	88	41884	No
35	GOM_NL__2PRFIN20100305_024046_000000472087_00247_41884_7858.N1	05-MAR-2010 02:40:46	Dark	47.000	64	Gam Cen	2.2000	10600.	94	41884	No
36	GOM_NL__2PRFIN20100305_024228_000000542087_00247_41884_7859.N1	05-MAR-2010 02:42:28	Straylight	54.000	123	lot Cen	2.7500	10200.	108	41884	No
37	GOM_NL__2PRFIN20100305_030156_000000432087_00247_41884_7860.N1	05-MAR-2010 03:01:56	Bright	43.000	22	32Alp Leo	1.3600	15200.	86	41884	No
38	GOM_NL__2PRFIN20100305_030426_000000442087_00247_41884_7861.N1	05-MAR-2010 03:04:26	Bright	43.500	51	41Gam1Leo	2.0100	4500.0	87	41884	No
39	GOM_NL__2PRFIN20100305_030557_000000262087_00247_41884_7862.N1	05-MAR-2010 03:05:57	Tw_i_and_stray	26.000	96	68Del Leo	2.5600	9300.0	52	41884	No
40	GOM_NL__2PRFIN20100305_031303_000000432087_00247_41884_7863.N1	05-MAR-2010 03:13:03	Bright	42.500	174	52Psi UMa	3.0040	4400.0	85	41884	No
41	GOM_NL__2PRFIN20100305_031557_000000412087_00247_41884_7864.N1	05-MAR-2010 03:15:57	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	41884	No
42	GOM_NL__2PRFIN20100305_031720_000000442087_00247_41884_7865.N1	05-MAR-2010 03:17:20	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	41884	No







161	GOM_NL__2PRFIN20100305_122501_000000472087_00252_41889_7935.N1	05-MAR-2010 12:25:01	Dark	47.000	38	20Eps Sgr	1.8360	11000.	94	41889	No
162	GOM_NL__2PRFIN20100305_122805_000000542087_00252_41889_7936.N1	05-MAR-2010 12:28:05	Dark	54.000	25	35Lam Sco	1.6200	28000.	108	41889	No
163	GOM_NL__2PRFIN20100305_123805_000000472087_00253_41890_7923.N1	05-MAR-2010 12:38:05	Dark	47.000	4	Alp1Cen	-0.010000	5800.0	94	41890	No
164	GOM_NL__2PRFIN20100305_123923_000000412087_00253_41890_7924.N1	05-MAR-2010 12:39:23	Dark	40.500	10	Bet Cen	0.61000	28000.	81	41890	No
165	GOM_NL__2PRFIN20100305_124117_000000422087_00253_41890_7925.N1	05-MAR-2010 12:41:17	Dark	42.000	77	Eps Cen	2.3030	28000.	84	41890	No
166	GOM_NL__2PRFIN20100305_124254_000000552087_00253_41890_7926.N1	05-MAR-2010 12:42:54	Dark	55.000	26	Gam Cru	1.6240	2900.0	110	41890	No
167	GOM_NL__2PRFIN20100305_124425_000000422087_00253_41890_7927.N1	05-MAR-2010 12:44:25	Dark	42.000	64	Gam Cen	2.2000	10600.	84	41890	No
168	GOM_NL__2PRFIN20100305_124609_000000542087_00253_41890_7928.N1	05-MAR-2010 12:46:09	Straylight	54.000	123	lot Cen	2.7500	10200.	108	41890	No
169	GOM_NL__2PRFIN20100305_130531_000000402087_00253_41890_7929.N1	05-MAR-2010 13:05:31	Bright	40.000	22	32Alp Leo	1.3600	15200.	80	41890	No
170	GOM_NL__2PRFIN20100305_130801_000000432087_00253_41890_7930.N1	05-MAR-2010 13:08:01	Bright	43.000	51	41Gam1Leo	2.0100	4500.0	86	41890	No
171	GOM_NL__2PRFIN20100305_130929_000000472087_00253_41890_7931.N1	05-MAR-2010 13:09:29	Bright	47.000	96	68Del Leo	2.5600	9300.0	94	41890	No
172	GOM_NL__2PRFIN20100305_131636_000000442087_00253_41890_7932.N1	05-MAR-2010 13:16:36	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	41890	No
173	GOM_NL__2PRFIN20100305_132054_000000422087_00253_41890_7933.N1	05-MAR-2010 13:20:54	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	41890	No
174	GOM_NL__2PRFIN20100305_132807_000000372087_00253_41890_7934.N1	05-MAR-2010 13:28:07	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	41890	No
175	GOM_NL__2PRFIN20100305_133241_000000482087_00253_41890_7935.N1	05-MAR-2010 13:32:41	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	41890	No
176	GOM_NL__2PRFIN20100305_133758_000000492087_00253_41890_7936.N1	05-MAR-2010 13:37:58	Bright	48.500	69	33Gam Dra	2.2310	3800.0	97	41890	No
177	GOM_NL__2PRFIN20100305_134031_000000362087_00253_41890_7937.N1	05-MAR-2010 13:40:31	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	41890	No
178	GOM_NL__2PRFIN20100305_134239_000000472087_00253_41890_7938.N1	05-MAR-2010 13:42:39	Bright	47.000	5	3Alp Lyr	0.033000	11000.	94	41890	No
179	GOM_NL__2PRFIN20100305_135035_000000452087_00253_41890_7939.N1	05-MAR-2010 13:50:35	Bright	45.000	168	17Zet Aql	2.9860	11000.	90	41890	No
180	GOM_NL__2PRFIN20100305_140032_000000432087_00253_41890_7940.N1	05-MAR-2010 14:00:32	Dark	42.500	155	41Pi Sgr	2.9000	6600.0	85	41890	No
181	GOM_NL__2PRFIN20100305_140224_000000462087_00253_41890_7941.N1	05-MAR-2010 14:02:24	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	41890	No
182	GOM_NL__2PRFIN20100305_140537_000000442087_00253_41890_7942.N1	05-MAR-2010 14:05:37	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	41890	No
183	GOM_NL__2PRFIN20100305_140842_000000472087_00253_41890_7943.N1	05-MAR-2010 14:08:42	Dark	47.000	25	35Lam Sco	1.6200	28000.	94	41890	No
184	GOM_NL__2PRFIN20100305_141842_000000442087_00254_41891_7933.N1	05-MAR-2010 14:18:42	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	41891	No
185	GOM_NL__2PRFIN20100305_142000_000000452087_00254_41891_7934.N1	05-MAR-2010 14:20:00	Dark	44.500	10	Bet Cen	0.61000	28000.	89	41891	No
186	GOM_NL__2PRFIN20100305_142153_000000422087_00254_41891_7935.N1	05-MAR-2010 14:21:53	Dark	42.000	77	Eps Cen	2.3030	28000.	84	41891	No
187	GOM_NL__2PRFIN20100305_142330_000000422087_00254_41891_7936.N1	05-MAR-2010 14:23:30	Dark	41.500	26	Gam Cru	1.6240	2900.0	83	41891	No
188	GOM_NL__2PRFIN20100305_142501_000000442087_00254_41891_7937.N1	05-MAR-2010 14:25:01	Dark	43.500	64	Gam Cen	2.2000	10600.	87	41891	No
189	GOM_NL__2PRFIN20100305_142646_000000572087_00254_41891_7938.N1	05-MAR-2010 14:26:46	Straylight	57.000	123	lot Cen	2.7500	10200.	114	41891	No
190	GOM_NL__2PRFIN20100305_144607_000000432087_00254_41891_7939.N1	05-MAR-2010 14:46:07	Bright	43.000	22	32Alp Leo	1.3600	15200.	86	41891	No
191	GOM_NL__2PRFIN20100305_144836_000000422087_00254_41891_7940.N1	05-MAR-2010 14:48:36	Bright	41.500	51	41Gam1Leo	2.0100	4500.0	83	41891	No
192	GOM_NL__2PRFIN20100305_145004_000000472087_00254_41891_7941.N1	05-MAR-2010 14:50:04	Bright	47.000	96	68Del Leo	2.5600	9300.0	94	41891	No
193	GOM_NL__2PRFIN20100305_145711_000000452087_00254_41891_7942.N1	05-MAR-2010 14:57:11	Bright	45.000	174	52Psi UMa	3.0040	4400.0	90	41891	No
194	GOM_NL__2PRFIN20100305_150006_000000402087_00254_41891_7943.N1	05-MAR-2010 15:00:06	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	41891	No
195	GOM_NL__2PRFIN20100305_150129_000000552087_00254_41891_7944.N1	05-MAR-2010 15:01:29	Bright	55.000	36	50Alp UMa	1.8000	6300.0	110	41891	No
196	GOM_NL__2PRFIN20100305_150842_000000442087_00254_41891_7945.N1	05-MAR-2010 15:08:42	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	41891	No
197	GOM_NL__2PRFIN20100305_151317_000000492087_00254_41891_7946.N1	05-MAR-2010 15:13:17	Bright	49.000	119	14Eta Dra	2.7270	4700.0	98	41891	No
198	GOM_NL__2PRFIN20100305_151834_000000482087_00254_41891_7947.N1	05-MAR-2010 15:18:34	Bright	48.000	69	33Gam Dra	2.2310	3800.0	96	41891	No
199	GOM_NL__2PRFIN20100305_152107_000000382087_00254_41891_7948.N1	05-MAR-2010 15:21:07	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	41891	No
200	GOM_NL__2PRFIN20100305_152315_000000432087_00254_41891_7949.N1	05-MAR-2010 15:23:15	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	41891	No
201	GOM_NL__2PRFIN20100305_153111_000000462087_00254_41891_7950.N1	05-MAR-2010 15:31:11	Bright	46.000	168	17Zet Aql	2.9860	11000.	92	41891	No
202	GOM_NL__2PRFIN20100305_154108_000000452087_00254_41891_7951.N1	05-MAR-2010 15:41:08	Dark	44.500	155	41Pi Sgr	2.9000	6600.0	89	41891	No
203	GOM_NL__2PRFIN20100305_154301_000000432087_00254_41891_7952.N1	05-MAR-2010 15:43:01	Dark	43.000	57	34Sig Sgr	2.0660	26000.	86	41891	No
204	GOM_NL__2PRFIN20100305_154614_000000472087_00254_41891_7953.N1	05-MAR-2010 15:46:14	Dark	47.000	38	20Eps Sgr	1.8360	11000.	94	41891	No
205	GOM_NL__2PRFIN20100305_154919_000000562087_00254_41891_7954.N1	05-MAR-2010 15:49:19	Dark	56.000	25	35Lam Sco	1.6200	28000.	112	41891	No
206	GOM_NL__2PRFIN20100305_155918_000000442087_00255_41892_7941.N1	05-MAR-2010 15:59:18	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	41892	No
207	GOM_NL__2PRFIN20100305_160036_000000512087_00255_41892_7942.N1	05-MAR-2010 16:00:36	Dark	51.000	10	Bet Cen	0.61000	28000.	102	41892	No
208	GOM_NL__2PRFIN20100305_160230_000000412087_00255_41892_7943.N1	05-MAR-2010 16:02:30	Dark	41.000	77	Eps Cen	2.3030	28000.	82	41892	No
209	GOM_NL__2PRFIN20100305_160407_000000482087_00255_41892_7944.N1	05-MAR-2010 16:04:07	Dark	47.500	26	Gam Cru	1.6240	2900.0	95	41892	No
210	GOM_NL__2PRFIN20100305_160538_000000462087_00255_41892_7945.N1	05-MAR-2010 16:05:38	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41892	No
211	GOM_NL__2PRFIN20100305_160723_000000542087_00255_41892_7946.N1	05-MAR-2010 16:07:23	Straylight	54.000	123	lot Cen	2.7500	10200.	108	41892	No
212	GOM_NL__2PRFIN20100305_162642_000000442087_00255_41892_7947.N1	05-MAR-2010 16:26:42	Bright	43.500	22	32Alp Leo	1.3600	15200.	87	41892	No
213	GOM_NL__2PRFIN20100305_162912_000000422087_00255_41892_7948.N1	05-MAR-2010 16:29:12	Bright	42.000	51	41Gam1Leo	2.0100	4500.0	84	41892	No
214	GOM_NL__2PRFIN20100305_163040_000000472087_00255_41892_7949.N1	05-MAR-2010 16:30:40	Bright	47.000	96	68Del Leo	2.5600	9300.0	94	41892	No
215	GOM_NL__2PRFIN20100305_163747_000000442087_00255_41892_7950.N1	05-MAR-2010 16:37:47	Bright	44.000	174	52Psi UMa	3.0040	4400.0	88	41892	No
216	GOM_NL__2PRFIN20100305_164041_000000402087_00255_41892_7951.N1	05-MAR-2010 16:40:41	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	41892	No
217	GOM_NL__2PRFIN20100305_164205_000000392087_00255_41892_7952.N1	05-MAR-2010 16:42:05	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	41892	No
218	GOM_NL__2PRFIN20100305_164918_000000432087_00255_41892_7953.N1	05-MAR-2010 16:49:18	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41892	No
219	GOM_NL__2PRFIN20100305_165352_000000492087_00255_41892_7954.N1	05-MAR-2010 16:53:52	Bright	48.500	119	14Eta Dra	2.7270	4700.0	97	41892	No

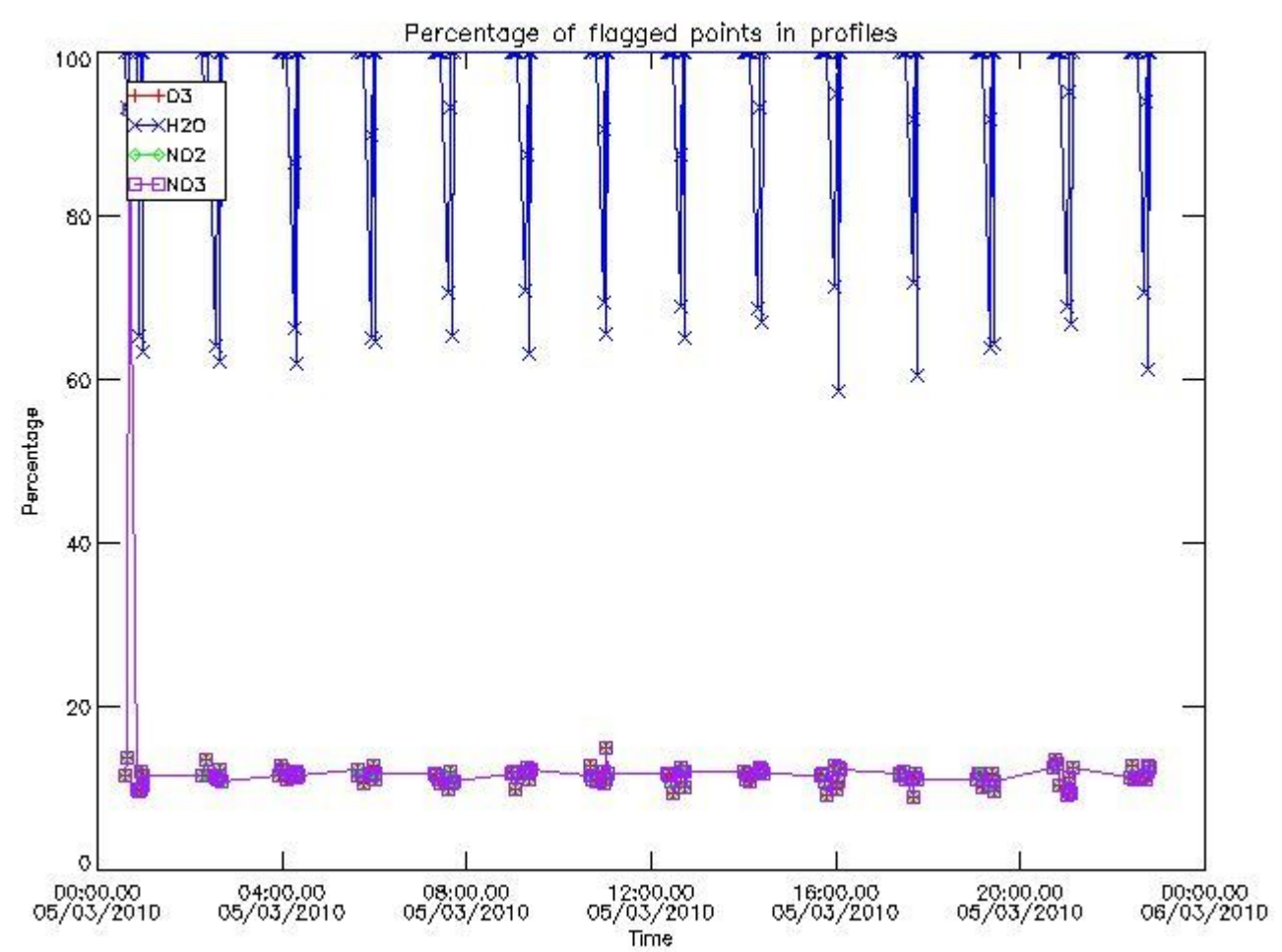
220	GOM_NL__2PRFIN20100305_165909_000000432087_00255_41892_7955.N1	05-MAR-2010 16:59:09	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	41892	No
221	GOM_NL__2PRFIN20100305_170143_000000352087_00255_41892_7956.N1	05-MAR-2010 17:01:43	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	41892	No
222	GOM_NL__2PRFIN20100305_170351_000000422087_00255_41892_7957.N1	05-MAR-2010 17:03:51	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	41892	No
223	GOM_NL__2PRFIN20100305_171147_000000452087_00255_41892_7958.N1	05-MAR-2010 17:11:47	Bright	45.000	168	17Zet Aql	2.9860	11000.	90	41892	No
224	GOM_NL__2PRFIN20100305_172145_000000442087_00255_41892_7959.N1	05-MAR-2010 17:21:45	Dark	43.500	155	41Pi Sgr	2.9000	6600.0	87	41892	No
225	GOM_NL__2PRFIN20100305_172338_000000452087_00255_41892_7960.N1	05-MAR-2010 17:23:38	Dark	44.500	57	34Sig Sgr	2.0660	26000.	89	41892	No
226	GOM_NL__2PRFIN20100305_172651_000000422087_00255_41892_7961.N1	05-MAR-2010 17:26:51	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	41892	No
227	GOM_NL__2PRFIN20100305_172956_000000462087_00255_41892_7962.N1	05-MAR-2010 17:29:56	Dark	46.000	25	35Lam Sco	1.6200	28000.	92	41892	No
228	GOM_NL__2PRFIN20100305_173955_000000572087_00256_41893_7949.N1	05-MAR-2010 17:39:55	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	41893	No
229	GOM_NL__2PRFIN20100305_174113_000000502087_00256_41893_7950.N1	05-MAR-2010 17:41:13	Dark	49.500	10	Bet Cen	0.61000	28000.	99	41893	No
230	GOM_NL__2PRFIN20100305_174307_000000442087_00256_41893_7951.N1	05-MAR-2010 17:43:07	Dark	43.500	77	Eps Cen	2.3030	28000.	87	41893	No
231	GOM_NL__2PRFIN20100305_174443_000000462087_00256_41893_7952.N1	05-MAR-2010 17:44:43	Dark	46.000	26	Gam Cru	1.6240	2900.0	92	41893	No
232	GOM_NL__2PRFIN20100305_174615_000000462087_00256_41893_7953.N1	05-MAR-2010 17:46:15	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41893	No
233	GOM_NL__2PRFIN20100305_174759_000000532087_00256_41893_7954.N1	05-MAR-2010 17:47:59	Straylight	52.500	123	lot Cen	2.7500	10200.	105	41893	No
234	GOM_NL__2PRFIN20100305_180719_000000422087_00256_41893_7955.N1	05-MAR-2010 18:07:19	Bright	41.500	22	32Alp Leo	1.3600	15200.	83	41893	No
235	GOM_NL__2PRFIN20100305_180948_000000432087_00256_41893_7956.N1	05-MAR-2010 18:09:48	Bright	43.000	51	41Gam1Leo	2.0100	4500.0	86	41893	No
236	GOM_NL__2PRFIN20100305_181115_000000482087_00256_41893_7957.N1	05-MAR-2010 18:11:15	Bright	47.500	96	68Del Leo	2.5600	9300.0	95	41893	No
237	GOM_NL__2PRFIN20100305_181822_000000452087_00256_41893_7958.N1	05-MAR-2010 18:18:22	Bright	44.500	174	52Psi UMa	3.0040	4400.0	89	41893	No
238	GOM_NL__2PRFIN20100305_182117_000000412087_00256_41893_7959.N1	05-MAR-2010 18:21:17	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	41893	No
239	GOM_NL__2PRFIN20100305_182241_000000422087_00256_41893_7960.N1	05-MAR-2010 18:22:41	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	41893	No
240	GOM_NL__2PRFIN20100305_182953_000000422087_00256_41893_7961.N1	05-MAR-2010 18:29:53	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	41893	No
241	GOM_NL__2PRFIN20100305_183427_000000472087_00256_41893_7962.N1	05-MAR-2010 18:34:27	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	41893	No
242	GOM_NL__2PRFIN20100305_183945_000000472087_00256_41893_7963.N1	05-MAR-2010 18:39:45	Bright	46.500	69	33Gam Dra	2.2310	3800.0	93	41893	No
243	GOM_NL__2PRFIN20100305_184219_000000372087_00256_41893_7964.N1	05-MAR-2010 18:42:19	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	41893	No
244	GOM_NL__2PRFIN20100305_184427_000000492087_00256_41893_7965.N1	05-MAR-2010 18:44:27	Bright	49.000	5	3Alp Lyr	0.033000	11000.	98	41893	No
245	GOM_NL__2PRFIN20100305_185224_000000442087_00256_41893_7966.N1	05-MAR-2010 18:52:24	Bright	43.500	168	17Zet Aql	2.9860	11000.	87	41893	No
246	GOM_NL__2PRFIN20100305_190221_000000462087_00256_41893_7967.N1	05-MAR-2010 19:02:21	Dark	45.500	155	41Pi Sgr	2.9000	6600.0	91	41893	No
247	GOM_NL__2PRFIN20100305_190414_000000432087_00256_41893_7968.N1	05-MAR-2010 19:04:14	Dark	43.000	57	34Sig Sgr	2.0660	26000.	86	41893	No
248	GOM_NL__2PRFIN20100305_190727_000000442087_00256_41893_7969.N1	05-MAR-2010 19:07:27	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	41893	No
249	GOM_NL__2PRFIN20100305_191033_000000512087_00256_41893_7970.N1	05-MAR-2010 19:10:33	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	41893	No
250	GOM_NL__2PRFIN20100305_192032_000000492087_00257_41894_7957.N1	05-MAR-2010 19:20:32	Dark	49.000	4	Alp1Cen	-0.010000	5800.0	98	41894	No
251	GOM_NL__2PRFIN20100305_192149_000000492087_00257_41894_7958.N1	05-MAR-2010 19:21:49	Dark	49.000	10	Bet Cen	0.61000	28000.	98	41894	No
252	GOM_NL__2PRFIN20100305_192343_000000442087_00257_41894_7959.N1	05-MAR-2010 19:23:43	Dark	43.500	77	Eps Cen	2.3030	28000.	87	41894	No
253	GOM_NL__2PRFIN20100305_192520_000000532087_00257_41894_7960.N1	05-MAR-2010 19:25:20	Dark	52.500	26	Gam Cru	1.6240	2900.0	105	41894	No
254	GOM_NL__2PRFIN20100305_192651_000000472087_00257_41894_7961.N1	05-MAR-2010 19:26:51	Dark	47.000	64	Gam Cen	2.2000	10600.	94	41894	No
255	GOM_NL__2PRFIN20100305_192836_000000532087_00257_41894_7962.N1	05-MAR-2010 19:28:36	Straylight	53.000	123	lot Cen	2.7500	10200.	106	41894	No
256	GOM_NL__2PRFIN20100305_193607_000000262087_00257_41894_7963.N1	05-MAR-2010 19:36:07	Straylight	26.000	171	2Eps Crv	3.0010	4250.0	52	41894	No
257	GOM_NL__2PRFIN20100305_194754_000000412087_00257_41894_7964.N1	05-MAR-2010 19:47:54	Bright	41.000	22	32Alp Leo	1.3600	15200.	82	41894	No
258	GOM_NL__2PRFIN20100305_195024_000000442087_00257_41894_7965.N1	05-MAR-2010 19:50:24	Bright	43.500	51	41Gam1Leo	2.0100	4500.0	87	41894	No
259	GOM_NL__2PRFIN20100305_195150_000000492087_00257_41894_7966.N1	05-MAR-2010 19:51:50	Bright	48.500	96	68Del Leo	2.5600	9300.0	97	41894	No
260	GOM_NL__2PRFIN20100305_195857_000000452087_00257_41894_7967.N1	05-MAR-2010 19:58:57	Bright	45.000	174	52Psi UMa	3.0040	4400.0	90	41894	No
261	GOM_NL__2PRFIN20100305_200152_000000392087_00257_41894_7968.N1	05-MAR-2010 20:01:52	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	41894	No
262	GOM_NL__2PRFIN20100305_200316_000000412087_00257_41894_7969.N1	05-MAR-2010 20:03:16	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	41894	No
263	GOM_NL__2PRFIN20100305_201029_000000412087_00257_41894_7970.N1	05-MAR-2010 20:10:29	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41894	No
264	GOM_NL__2PRFIN20100305_201503_000000482087_00257_41894_7971.N1	05-MAR-2010 20:15:03	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	41894	No
265	GOM_NL__2PRFIN20100305_201938_000000502087_00257_41894_7972.N1	05-MAR-2010 20:19:38	Bright	50.000	130	23Bet Dra	2.7990	5800.0	100	41894	No
266	GOM_NL__2PRFIN20100305_202255_000000382087_00257_41894_7973.N1	05-MAR-2010 20:22:55	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	41894	No
267	GOM_NL__2PRFIN20100305_202503_000000432087_00257_41894_7974.N1	05-MAR-2010 20:25:03	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	41894	No
268	GOM_NL__2PRFIN20100305_203300_000000442087_00257_41894_7975.N1	05-MAR-2010 20:33:00	Bright	43.500	168	17Zet Aql	2.9860	11000.	87	41894	No
269	GOM_NL__2PRFIN20100305_204258_000000412087_00257_41894_7976.N1	05-MAR-2010 20:42:58	Dark	41.000	155	41Pi Sgr	2.9000	6600.0	82	41894	No
270	GOM_NL__2PRFIN20100305_204451_000000422087_00257_41894_7977.N1	05-MAR-2010 20:44:51	Dark	41.500	57	34Sig Sgr	2.0660	26000.	83	41894	No
271	GOM_NL__2PRFIN20100305_204804_000000432087_00257_41894_7978.N1	05-MAR-2010 20:48:04	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41894	No
272	GOM_NL__2PRFIN20100305_205109_000000502087_00257_41894_7979.N1	05-MAR-2010 20:51:09	Dark	49.500	25	35Lam Sco	1.6200	28000.	99	41894	No
273	GOM_NL__2PRFIN20100305_210108_000000552087_00258_41895_7965.N1	05-MAR-2010 21:01:08	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	41895	No
274	GOM_NL__2PRFIN20100305_210226_000000532087_00258_41895_7966.N1	05-MAR-2010 21:02:26	Dark	53.000	10	Bet Cen	0.61000	28000.	106	41895	No
275	GOM_NL__2PRFIN20100305_210420_000000452087_00258_41895_7967.N1	05-MAR-2010 21:04:20	Dark	45.000	77	Eps Cen	2.3030	28000.	90	41895	No
276	GOM_NL__2PRFIN20100305_210556_000000552087_00258_41895_7968.N1	05-MAR-2010 21:05:56	Dark	54.500	26	Gam Cru	1.6240	2900.0	109	41895	No
277	GOM_NL__2PRFIN20100305_210728_000000412087_00258_41895_7969.N1	05-MAR-2010 21:07:28	Dark	41.000	64	Gam Cen	2.2000	10600.	82	41895	No
278	GOM_NL__2PRFIN20100305_210912_000000542087_00258_41895_7970.N1	05-MAR-2010 21:09:12	Straylight	54.000	123	lot Cen	2.7500	10200.	108	41895	No

279	GOM_NL__2PRFIN20100305_211643_000000262087_00258_41895_7971.N1	05-MAR-2010 21:16:43	Straylight	26.000	171	2Eps Crv	3.0010	4250.0	52	41895	No
280	GOM_NL__2PRFIN20100305_212830_000000432087_00258_41895_7972.N1	05-MAR-2010 21:28:30	Bright	42.500	22	32Alp Leo	1.3600	15200.	85	41895	No
281	GOM_NL__2PRFIN20100305_213059_000000422087_00258_41895_7973.N1	05-MAR-2010 21:30:59	Bright	41.500	51	41Gam1Leo	2.0100	4500.0	83	41895	No
282	GOM_NL__2PRFIN20100305_213226_000000472087_00258_41895_7974.N1	05-MAR-2010 21:32:26	Bright	47.000	96	68Del Leo	2.5600	9300.0	94	41895	No
283	GOM_NL__2PRFIN20100305_213933_000000422087_00258_41895_7975.N1	05-MAR-2010 21:39:33	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	41895	No
284	GOM_NL__2PRFIN20100305_214228_000000422087_00258_41895_7976.N1	05-MAR-2010 21:42:28	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	41895	No
285	GOM_NL__2PRFIN20100305_214352_000000422087_00258_41895_7977.N1	05-MAR-2010 21:43:52	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	41895	No
286	GOM_NL__2PRFIN20100305_215105_000000382087_00258_41895_7978.N1	05-MAR-2010 21:51:05	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	41895	No
287	GOM_NL__2PRFIN20100305_215538_000000472087_00258_41895_7979.N1	05-MAR-2010 21:55:38	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	41895	No
288	GOM_NL__2PRFIN20100305_220014_000000462087_00258_41895_7980.N1	05-MAR-2010 22:00:14	Bright	45.500	130	23Bet Dra	2.7990	5800.0	91	41895	No
289	GOM_NL__2PRFIN20100305_220331_000000362087_00258_41895_7981.N1	05-MAR-2010 22:03:31	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	41895	No
290	GOM_NL__2PRFIN20100305_220539_000000472087_00258_41895_7982.N1	05-MAR-2010 22:05:39	Bright	46.500	5	3Alp Lyr	0.033000	11000.	93	41895	No
291	GOM_NL__2PRFIN20100305_221336_000000422087_00258_41895_7983.N1	05-MAR-2010 22:13:36	Bright	42.000	168	17Zet Aql	2.9860	11000.	84	41895	No
292	GOM_NL__2PRFIN20100305_222334_000000452087_00258_41895_7984.N1	05-MAR-2010 22:23:34	Dark	45.000	155	41Pi Sgr	2.9000	6600.0	90	41895	No
293	GOM_NL__2PRFIN20100305_222527_000000442087_00258_41895_7985.N1	05-MAR-2010 22:25:27	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	41895	No
294	GOM_NL__2PRFIN20100305_222841_000000512087_00258_41895_7986.N1	05-MAR-2010 22:28:41	Dark	50.500	38	20Eps Sgr	1.8360	11000.	101	41895	No
295	GOM_NL__2PRFIN20100305_223146_000000452087_00258_41895_7987.N1	05-MAR-2010 22:31:46	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	41895	No
296	GOM_NL__2PRFIN20100305_224145_000000452087_00259_41896_7973.N1	05-MAR-2010 22:41:45	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	41896	No
297	GOM_NL__2PRFIN20100305_224302_000000512087_00259_41896_7974.N1	05-MAR-2010 22:43:02	Dark	51.000	10	Bet Cen	0.61000	28000.	102	41896	No
298	GOM_NL__2PRFIN20100305_224456_000000422087_00259_41896_7975.N1	05-MAR-2010 22:44:56	Dark	42.000	77	Eps Cen	2.3030	28000.	84	41896	No
299	GOM_NL__2PRFIN20100305_224632_000000522087_00259_41896_7976.N1	05-MAR-2010 22:46:32	Dark	52.000	26	Gam Cru	1.6240	2900.0	104	41896	No
300	GOM_NL__2PRFIN20100305_224804_000000452087_00259_41896_7977.N1	05-MAR-2010 22:48:04	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41896	No
301	GOM_NL__2PRFIN20100305_224949_000000522087_00259_41896_7978.N1	05-MAR-2010 22:49:49	Straylight	52.000	123	Iot Cen	2.7500	10200.	104	41896	No
302	GOM_NL__2PRFIN20100305_225719_000000312087_00259_41896_7979.N1	05-MAR-2010 22:57:19	Straylight	31.000	171	2Eps Crv	3.0010	4250.0	62	41896	No
303	GOM_NL__2PRFIN20100305_230906_000000422087_00259_41896_7980.N1	05-MAR-2010 23:09:06	Bright	41.500	22	32Alp Leo	1.3600	15200.	83	41896	No
304	GOM_NL__2PRFIN20100305_231135_000000442087_00259_41896_7981.N1	05-MAR-2010 23:11:35	Bright	43.500	51	41Gam1Leo	2.0100	4500.0	87	41896	No
305	GOM_NL__2PRFIN20100305_231301_000000492087_00259_41896_7982.N1	05-MAR-2010 23:13:01	Bright	48.500	96	68Del Leo	2.5600	9300.0	97	41896	No
306	GOM_NL__2PRFIN20100305_232008_000000412087_00259_41896_7983.N1	05-MAR-2010 23:20:08	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	41896	No
307	GOM_NL__2PRFIN20100305_232304_000000412087_00259_41896_7984.N1	05-MAR-2010 23:23:04	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	41896	No
308	GOM_NL__2PRFIN20100305_232427_000000432087_00259_41896_7985.N1	05-MAR-2010 23:24:27	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41896	No
309	GOM_NL__2PRFIN20100305_233140_000000382087_00259_41896_7986.N1	05-MAR-2010 23:31:40	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	41896	No
310	GOM_NL__2PRFIN20100305_233614_000000492087_00259_41896_7987.N1	05-MAR-2010 23:36:14	Bright	48.500	119	14Eta Dra	2.7270	4700.0	97	41896	No
311	GOM_NL__2PRFIN20100305_234049_000000472087_00259_41896_7988.N1	05-MAR-2010 23:40:49	Bright	47.000	130	23Bet Dra	2.7990	5800.0	94	41896	No
312	GOM_NL__2PRFIN20100305_234407_000000362087_00259_41896_7989.N1	05-MAR-2010 23:44:07	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	41896	No
313	GOM_NL__2PRFIN20100305_234615_000000442087_00259_41896_7990.N1	05-MAR-2010 23:46:15	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	41896	No
314	GOM_NL__2PRFIN20100305_235413_000000452087_00259_41896_7991.N1	05-MAR-2010 23:54:13	Bright	44.500	168	17Zet Aql	2.9860	11000.	89	41896	No

### 3. Quality information per product

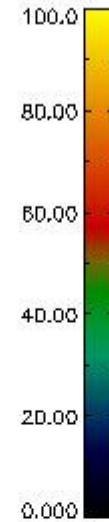
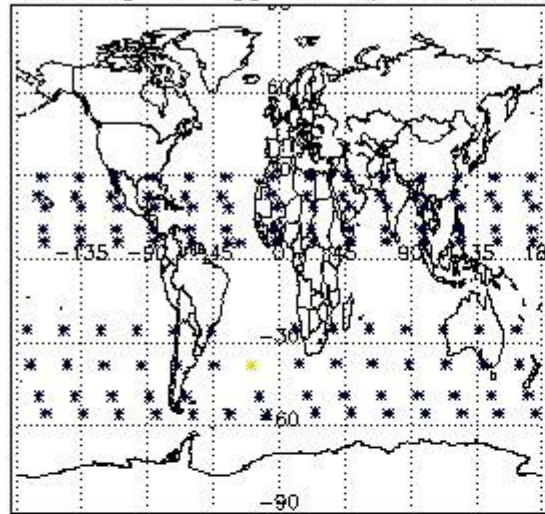
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

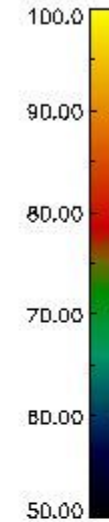
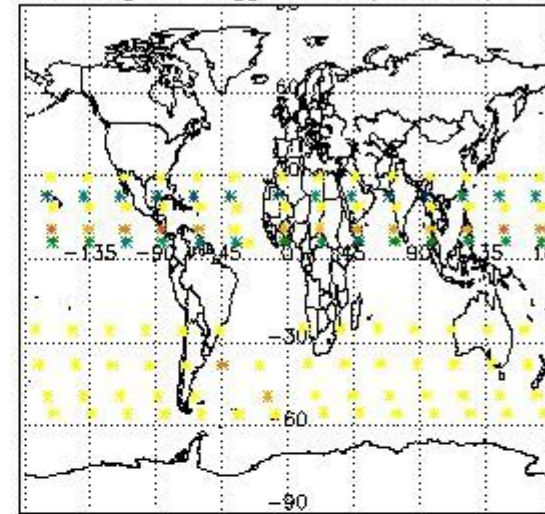


3.2 Plot quality information per product (world map)

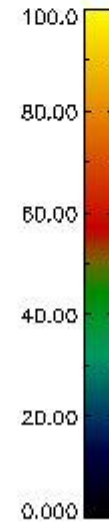
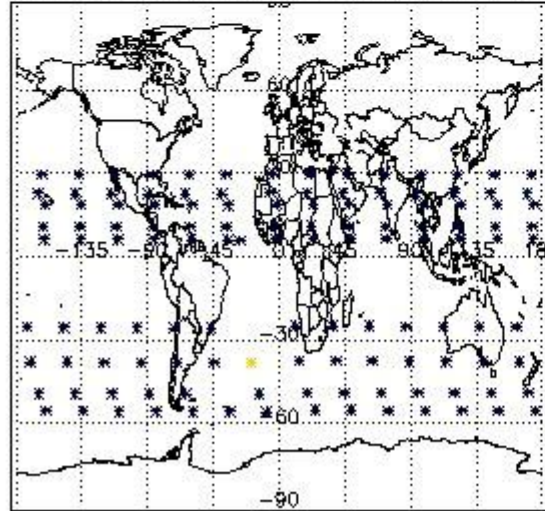
Percentage of flagged data per O3 profile



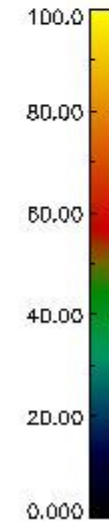
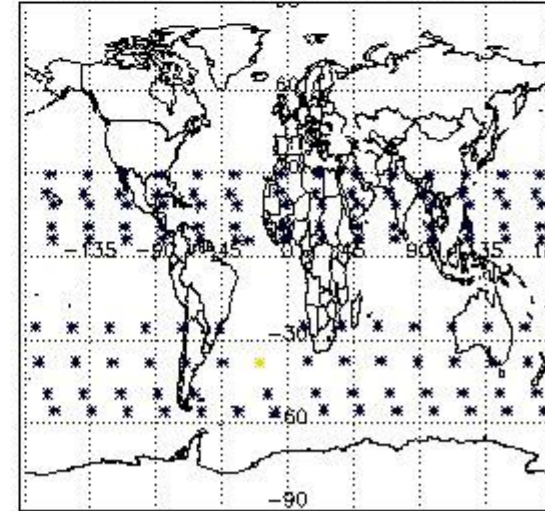
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

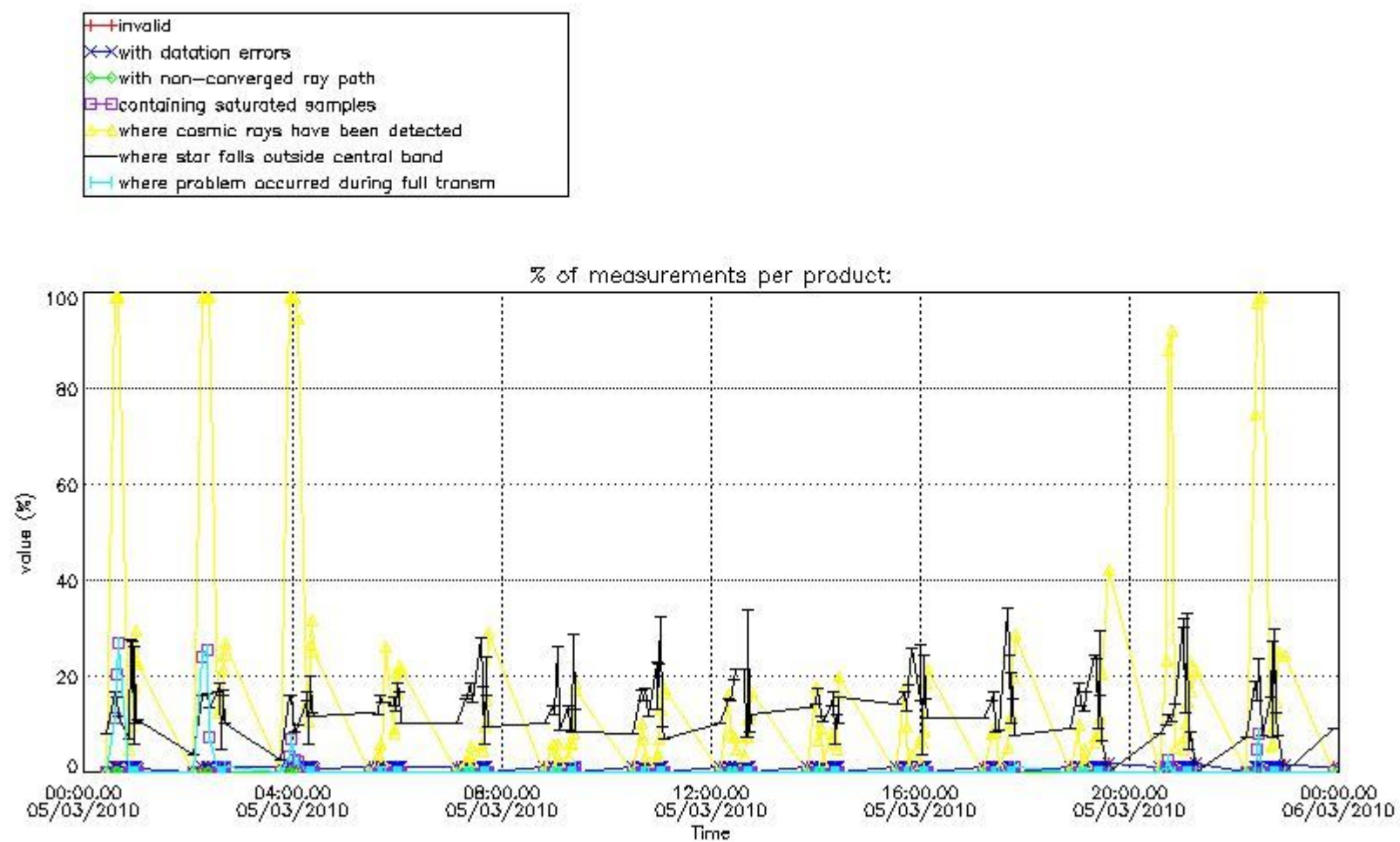


#### 4. Level 1 quality information per product

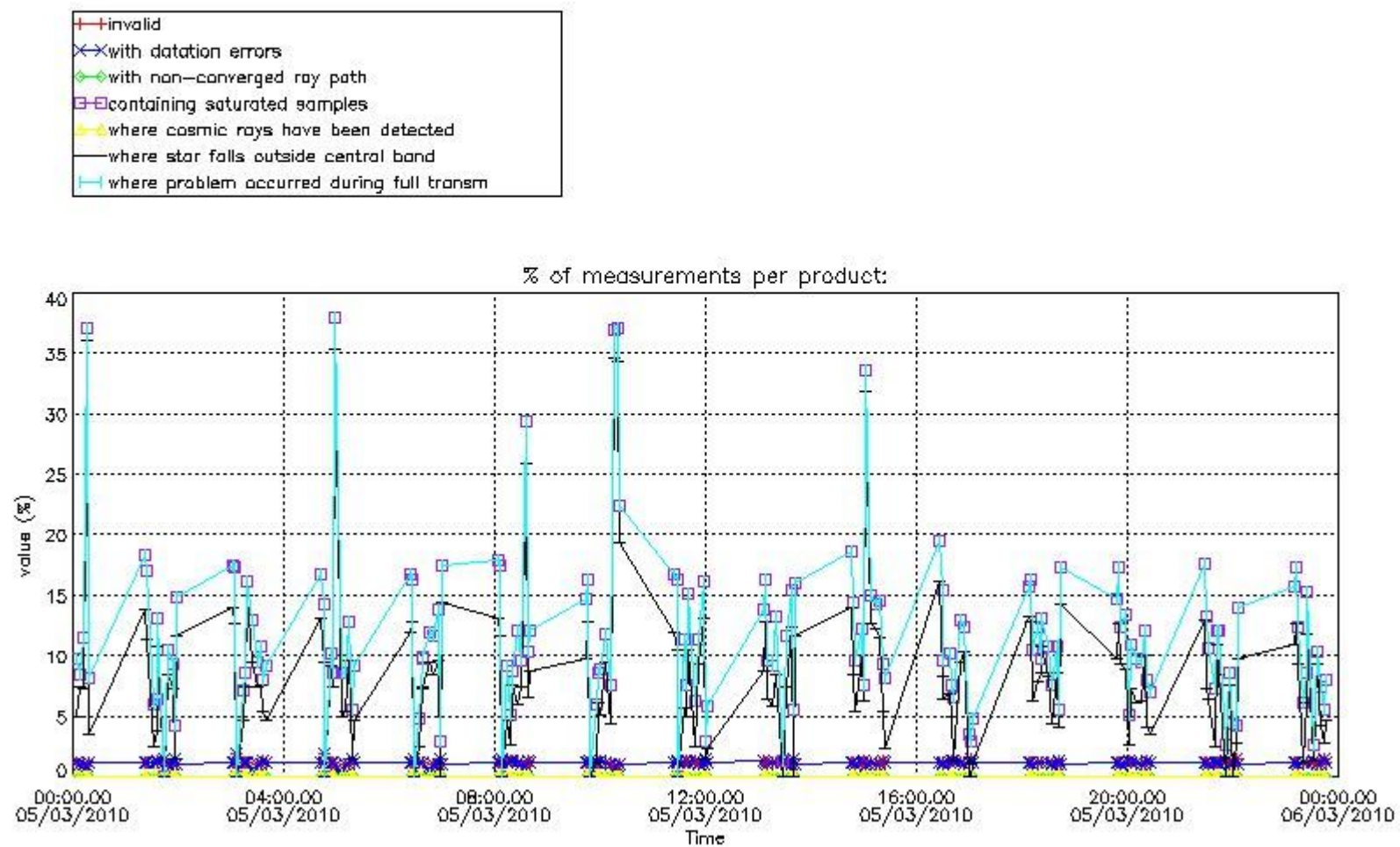
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



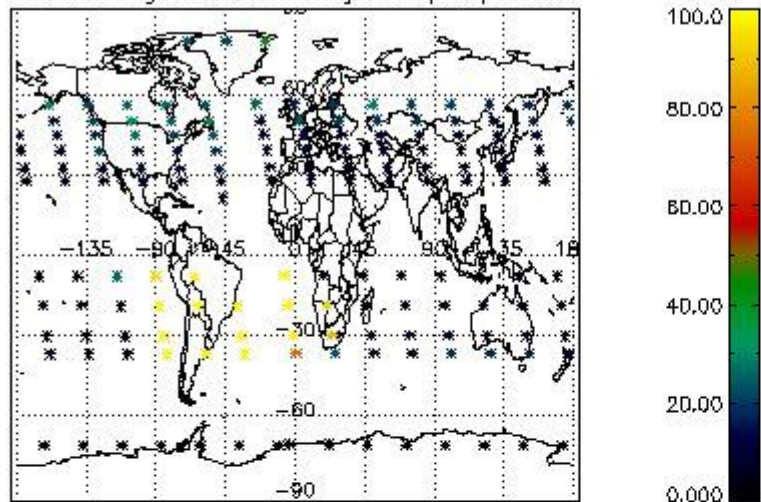
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



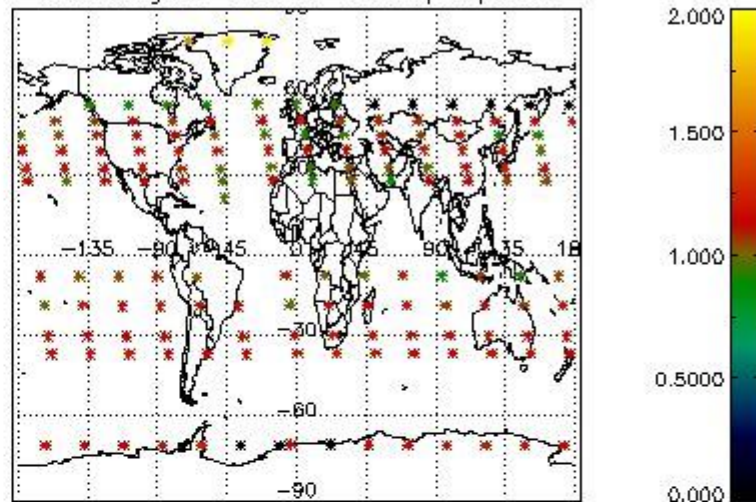
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

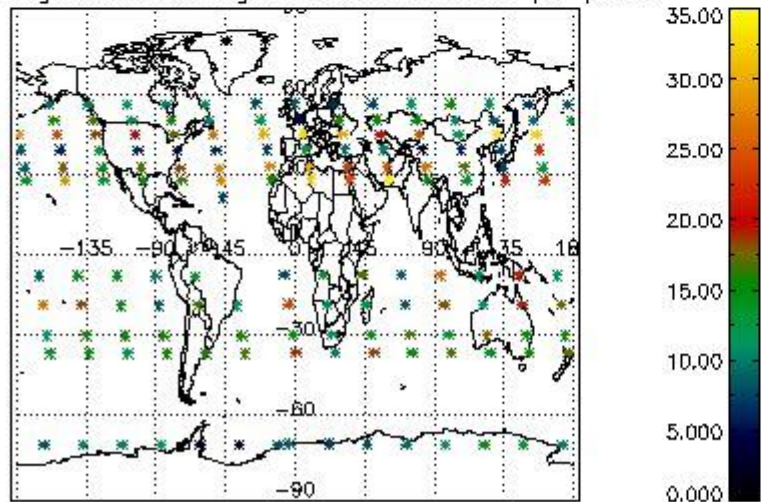
Percentage of cosmic ray hits per profile



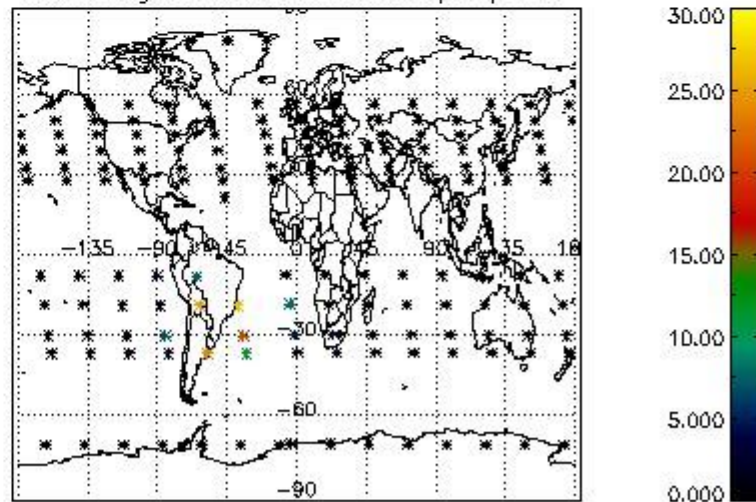
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

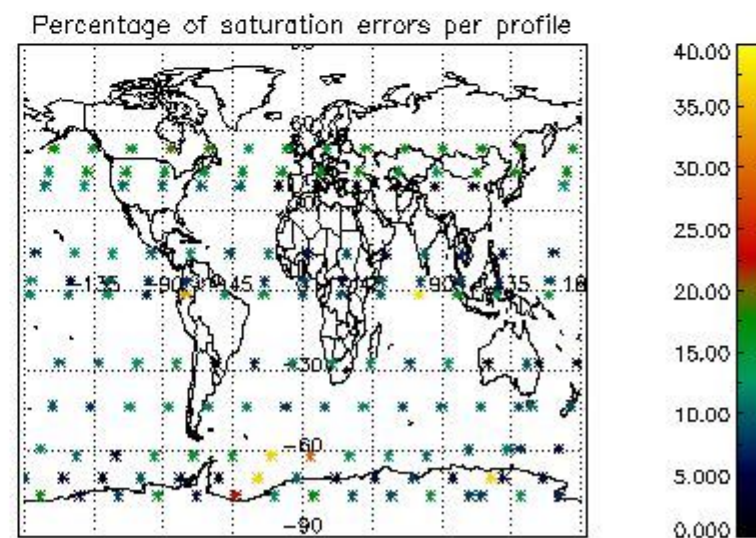
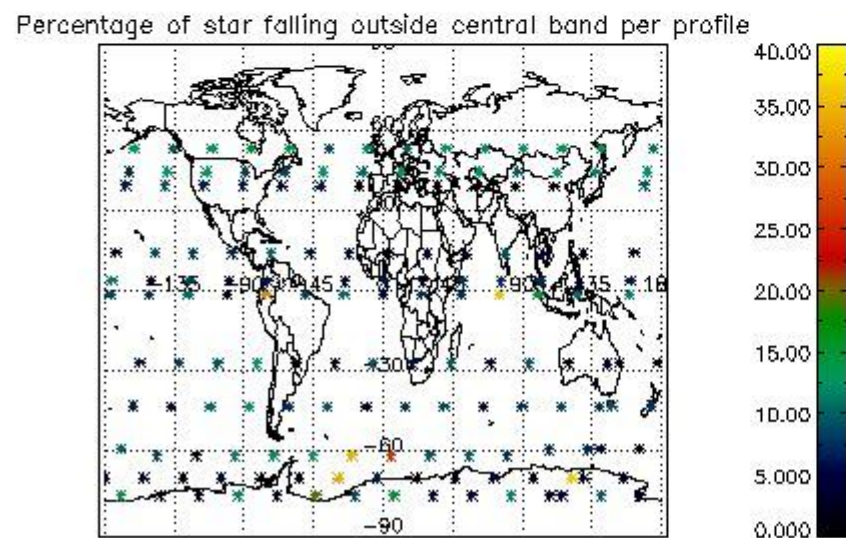
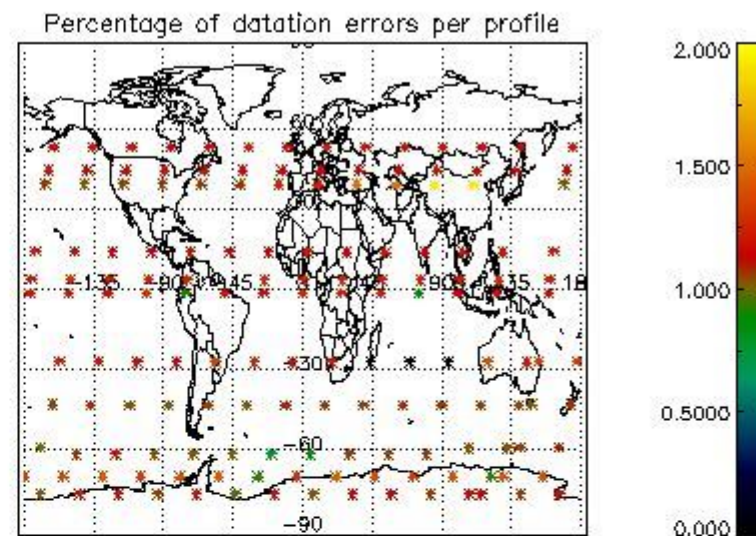
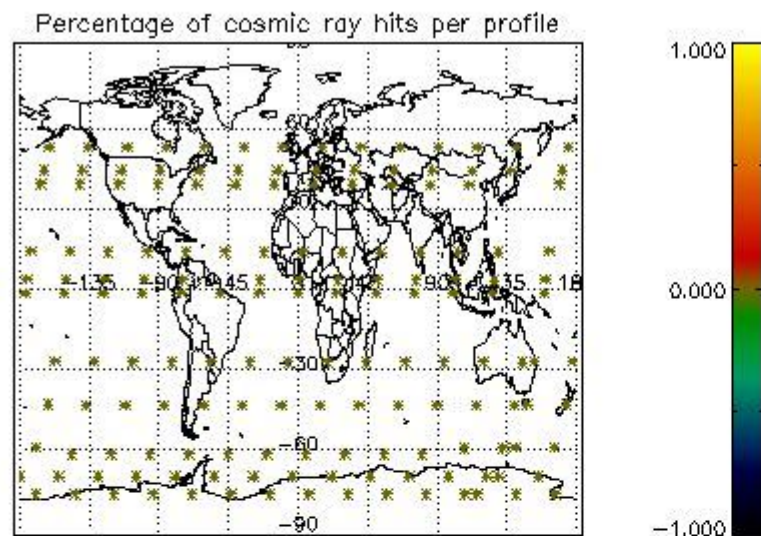


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

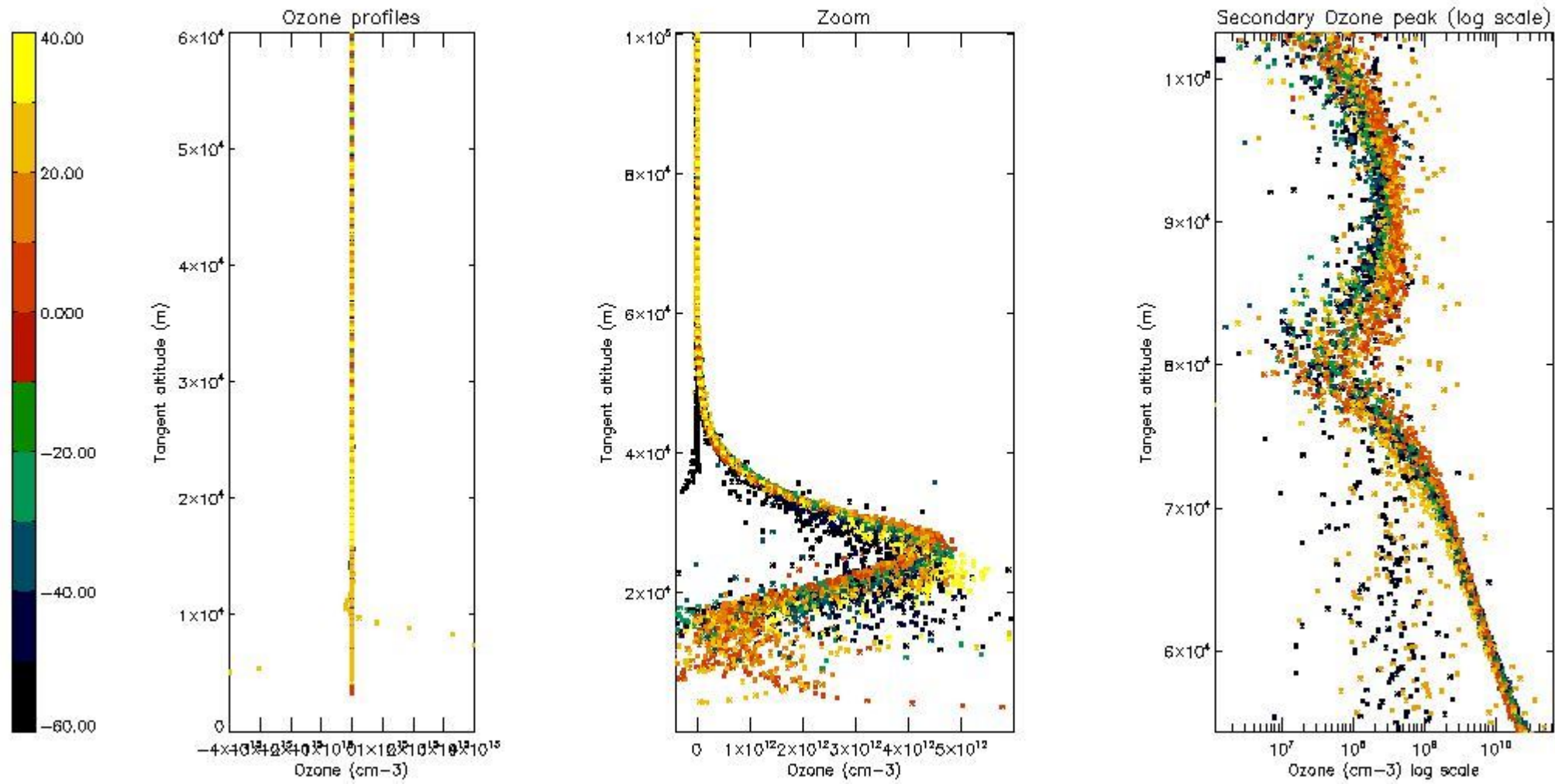
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	22

STD < 10	18
STD < 5	13

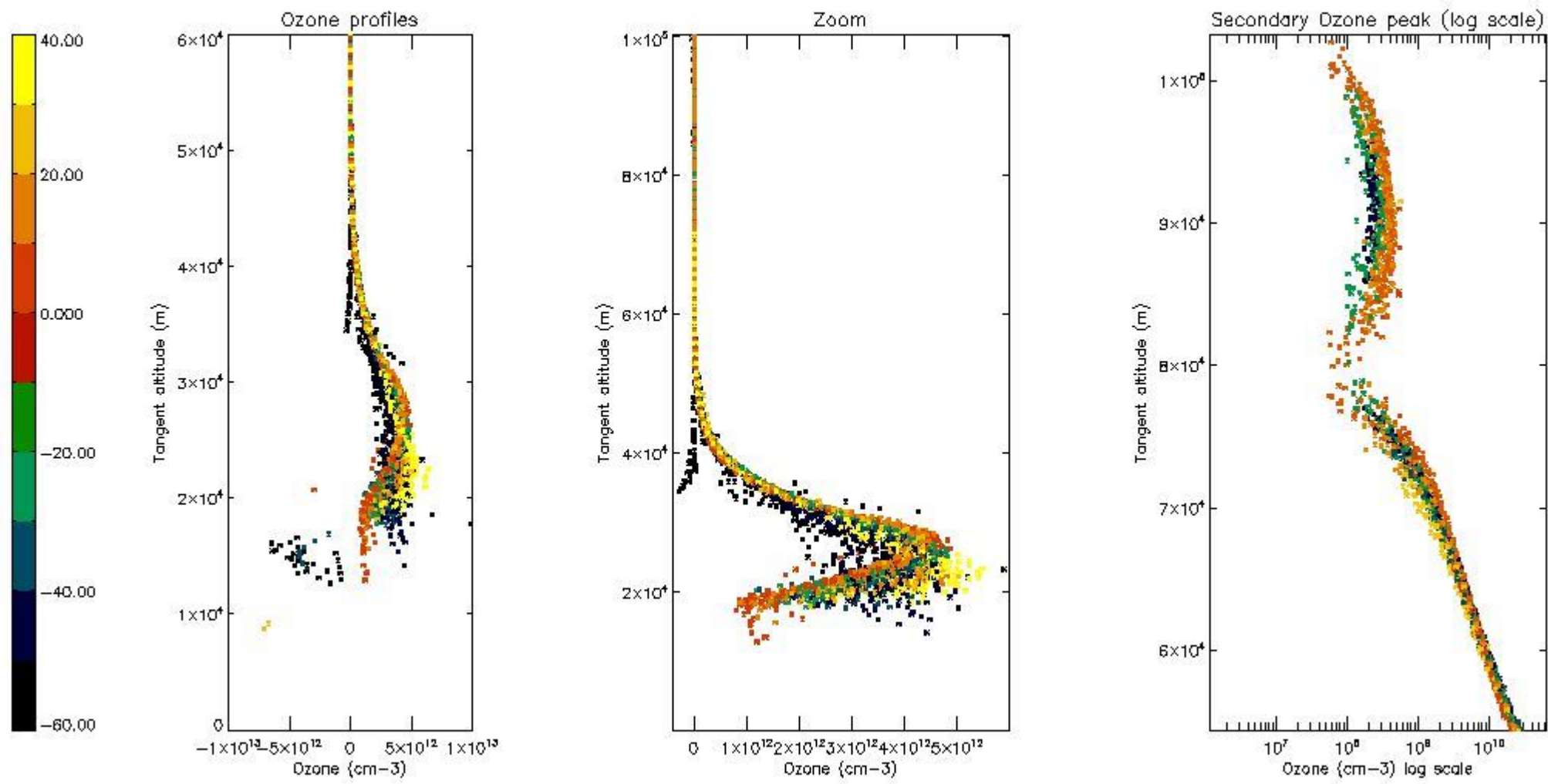
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



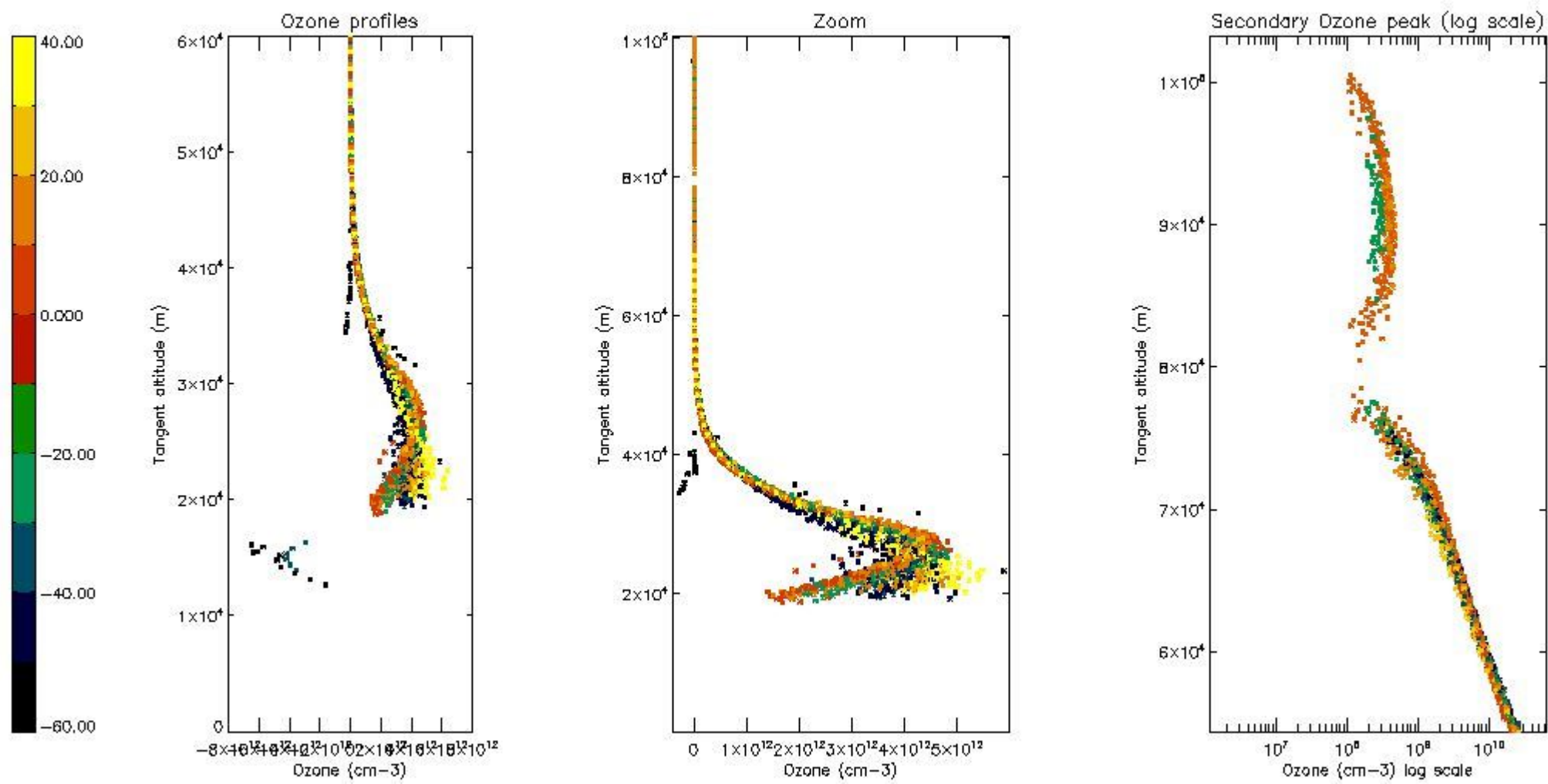
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



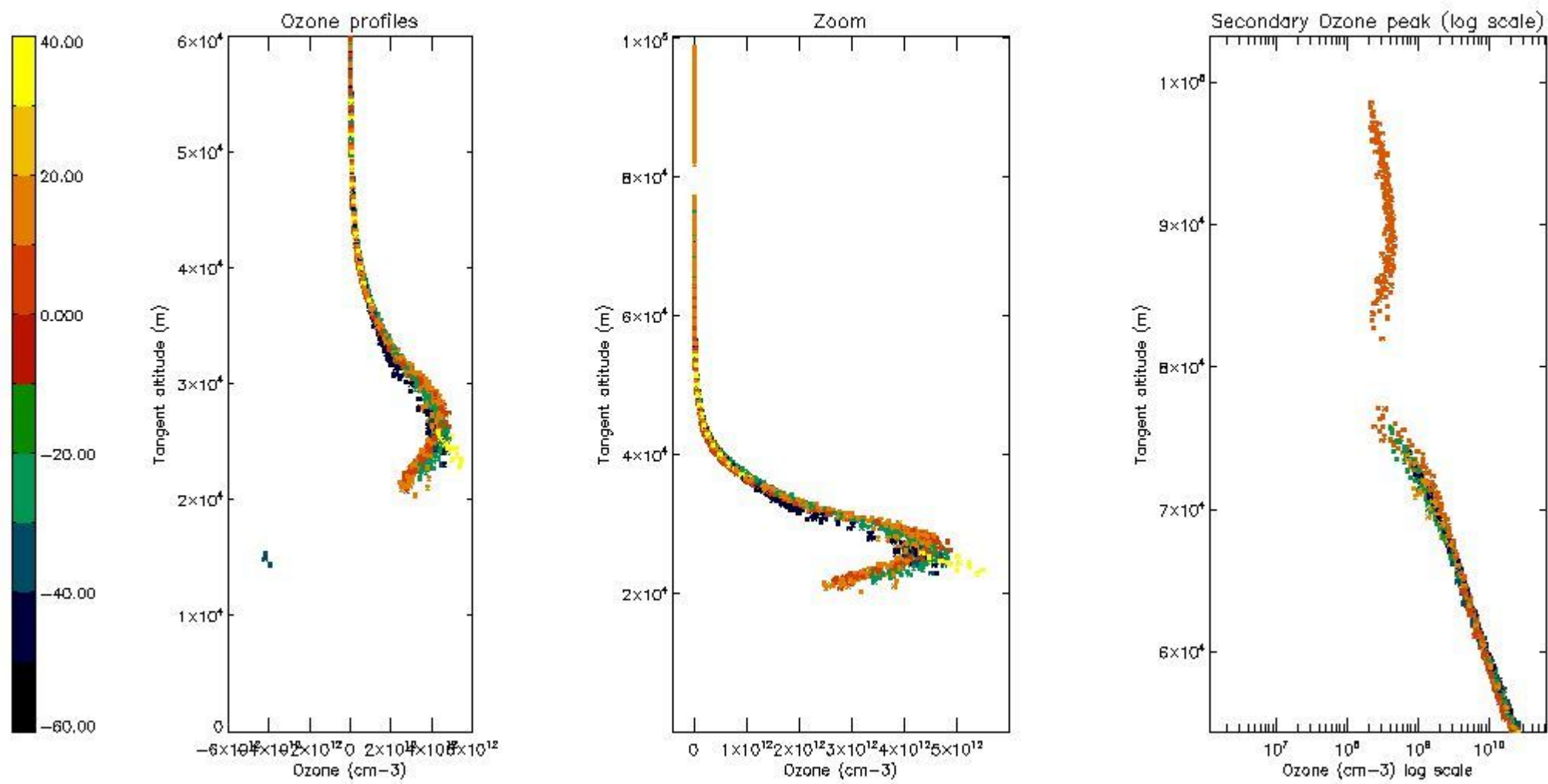
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



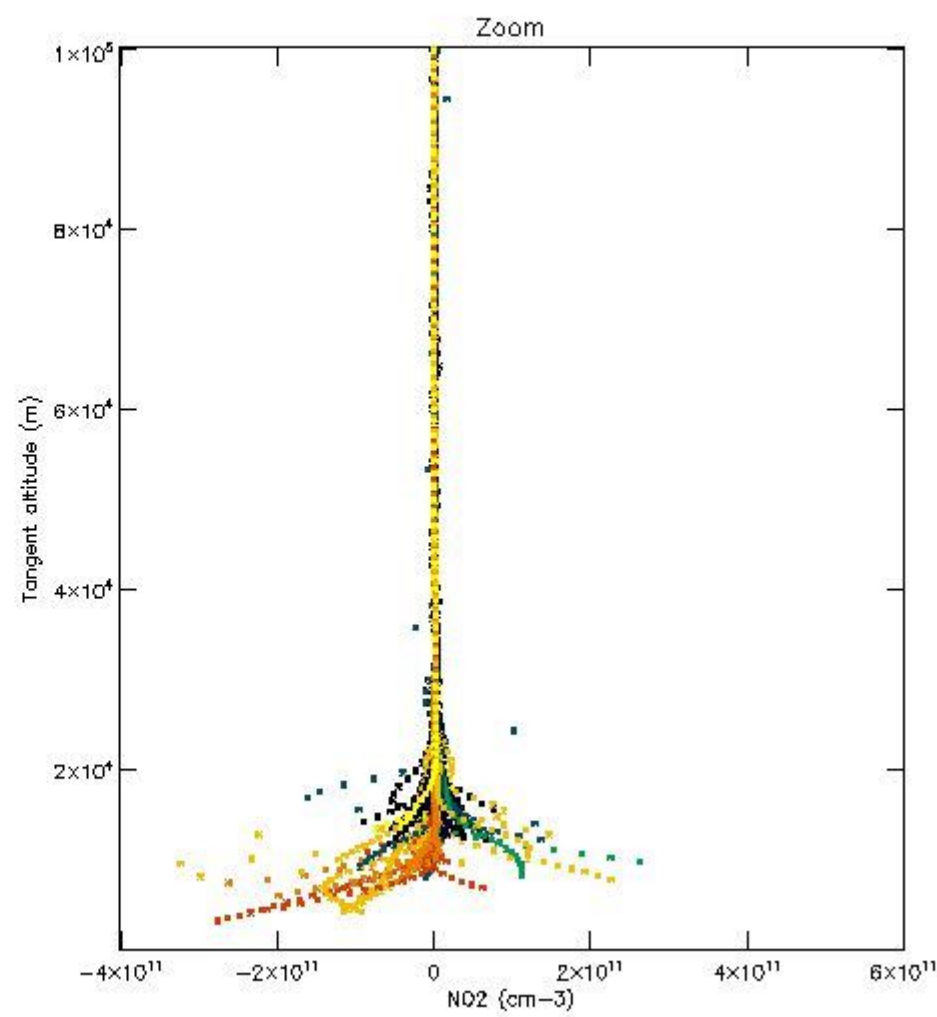
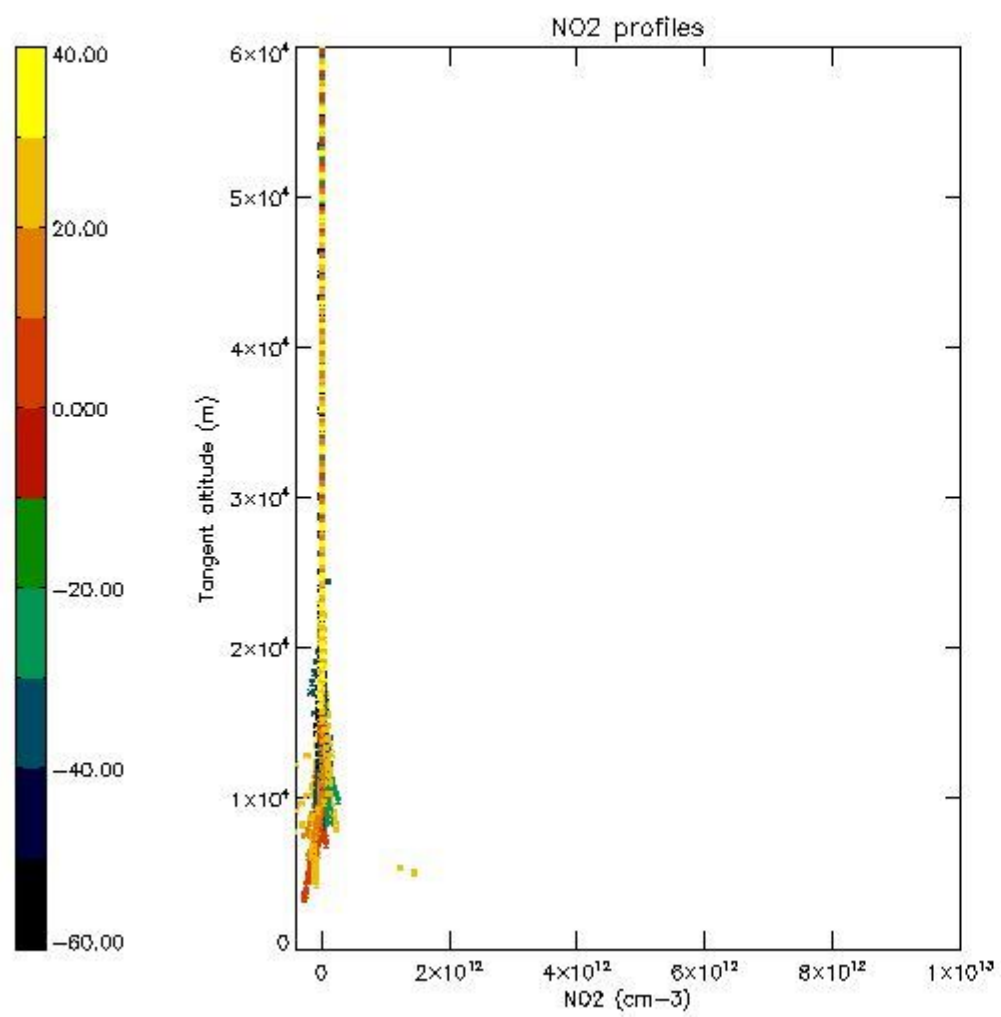
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



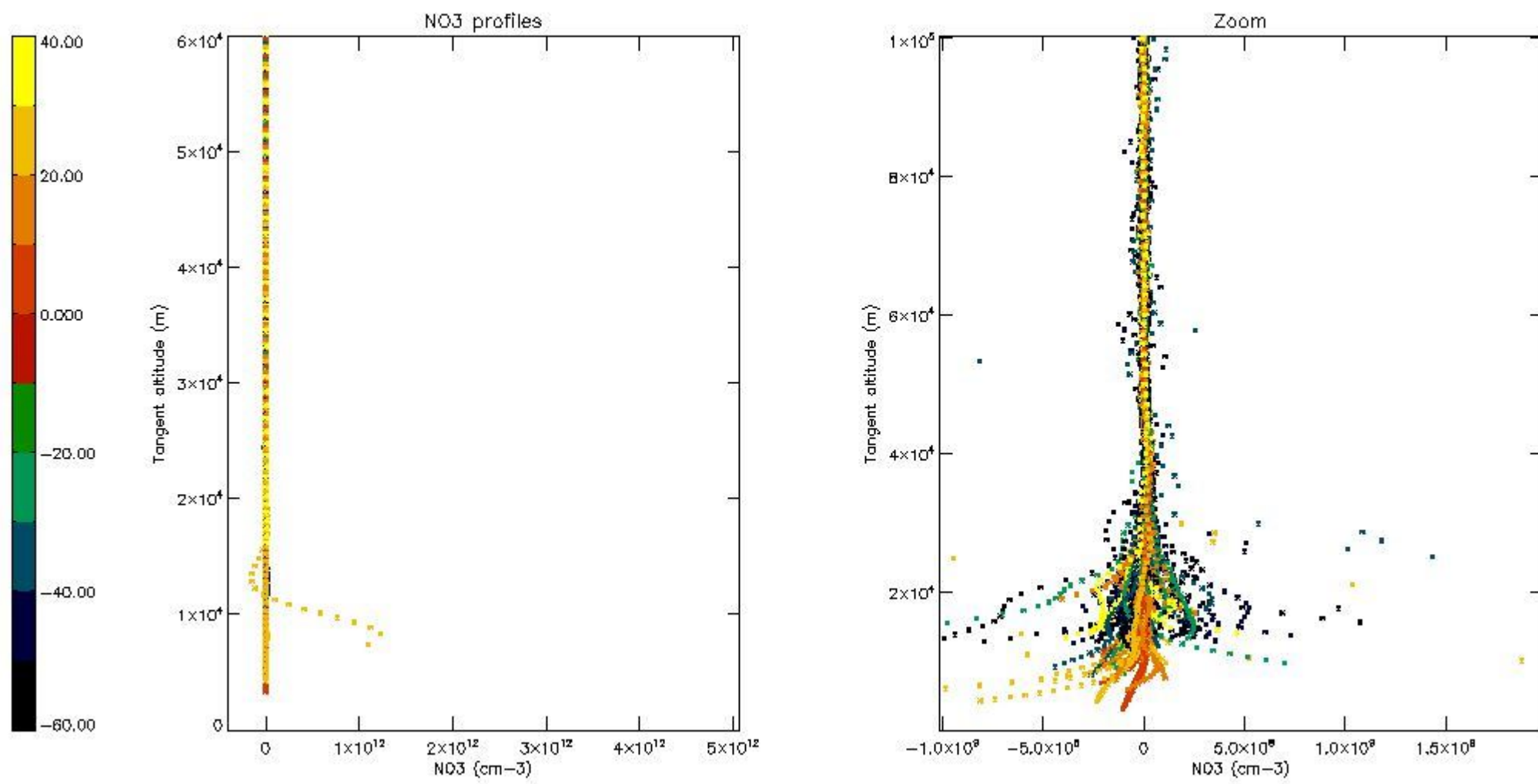
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



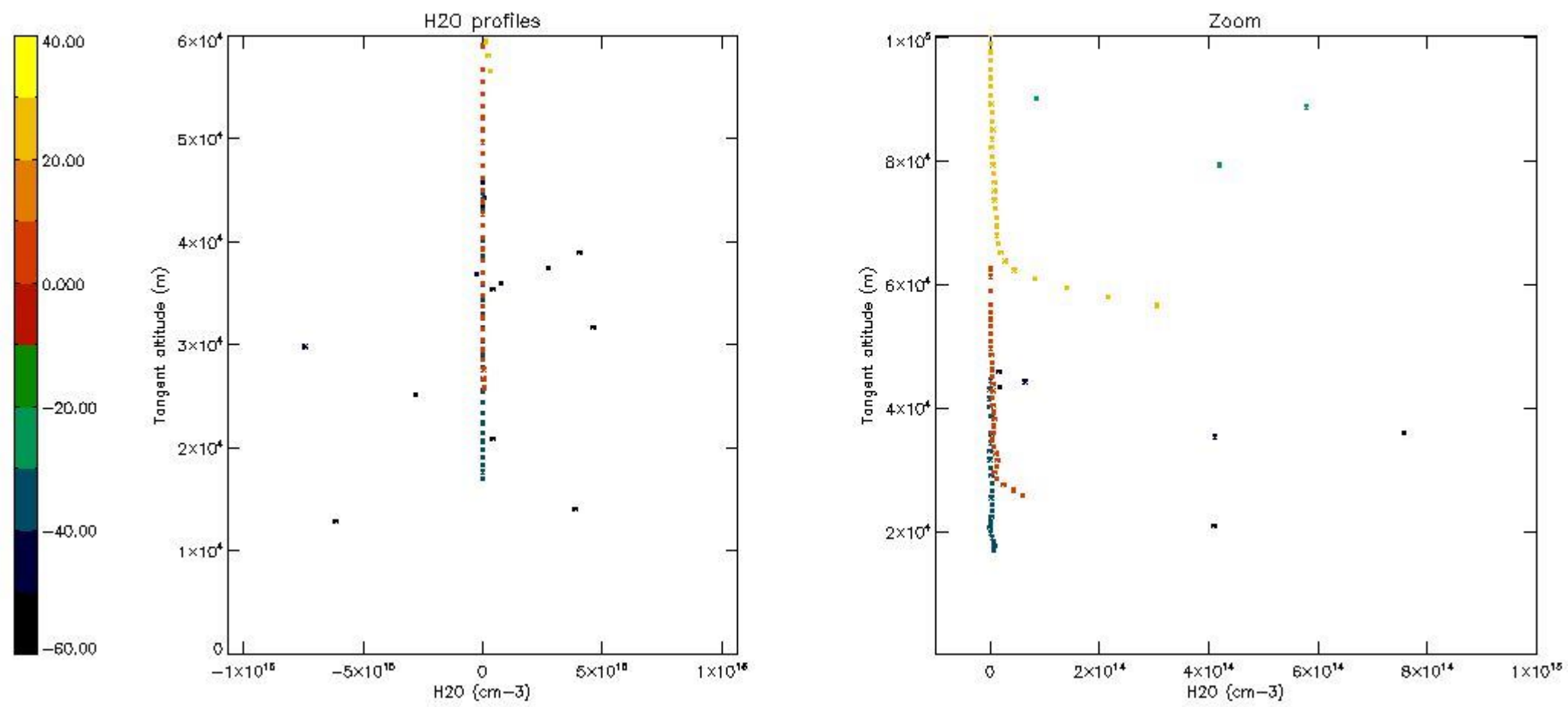
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



*5.8 Plot H2O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)*

The colorbar represents the latitude.

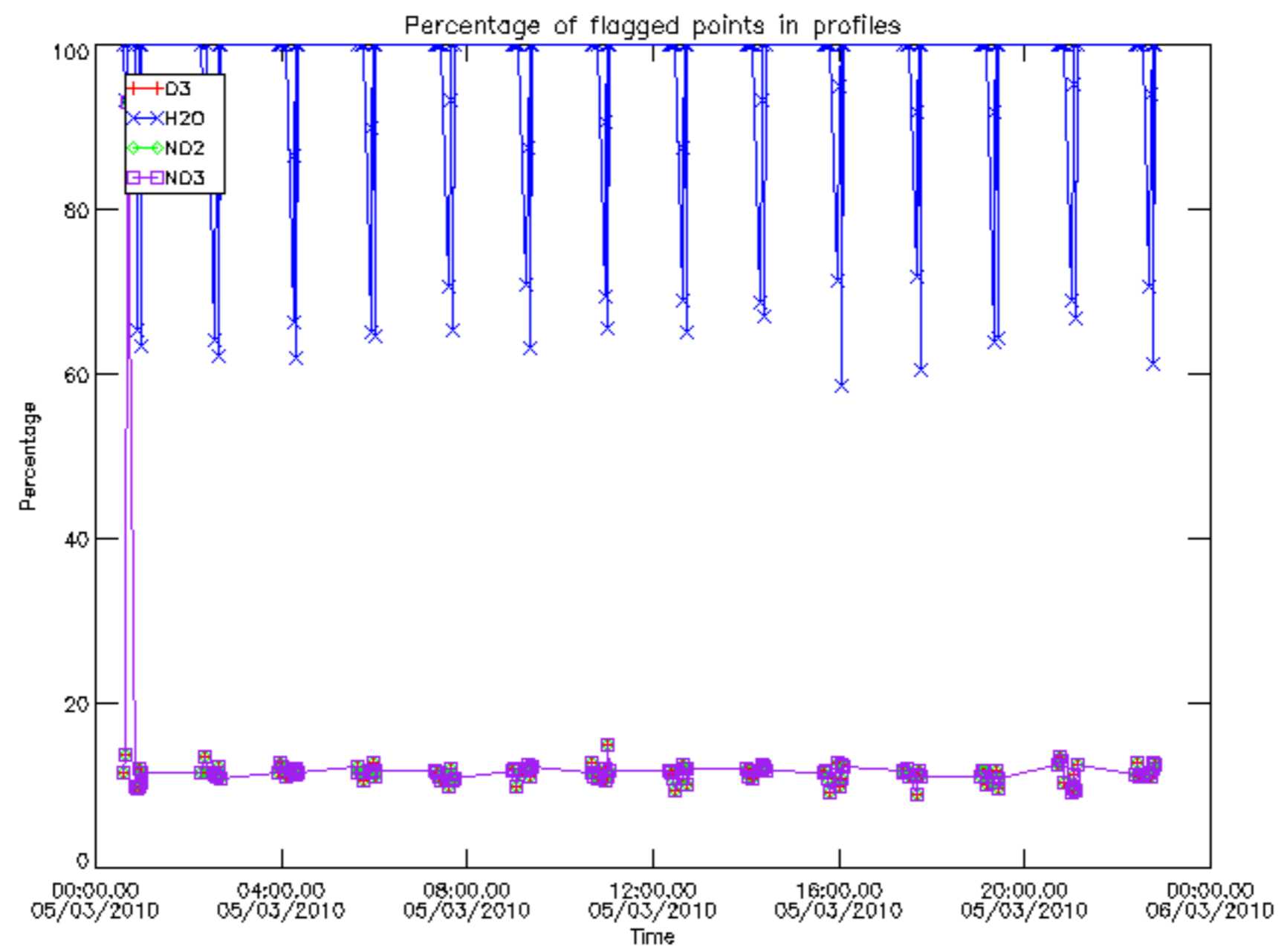


## 6. Auxiliary Data Files used for the production reported in section 2

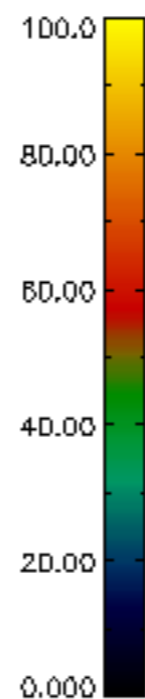
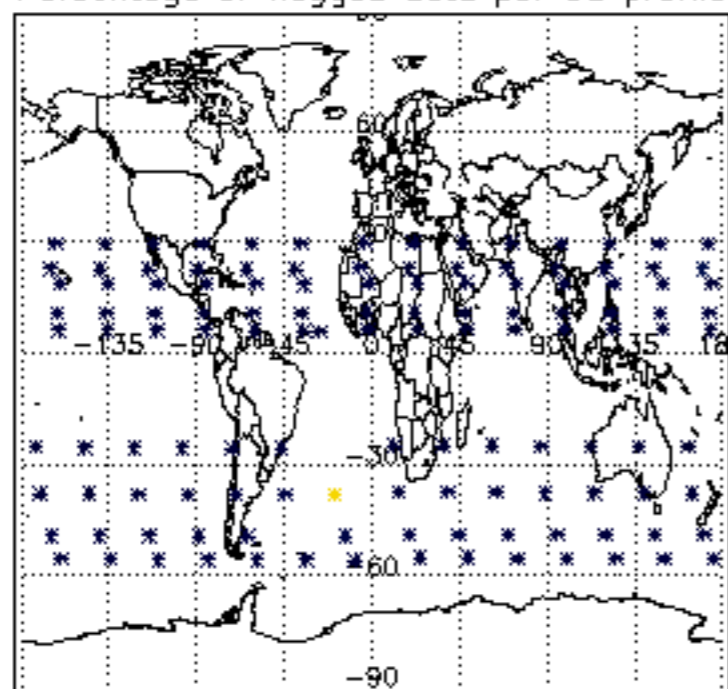
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	05-MAR-2010 00:03:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-MAR-2010 00:03:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-MAR-2010 00:03:22

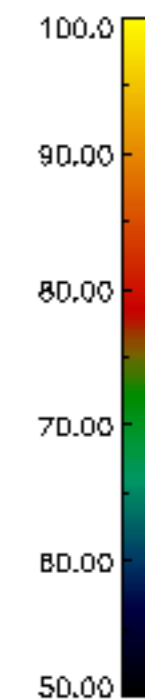
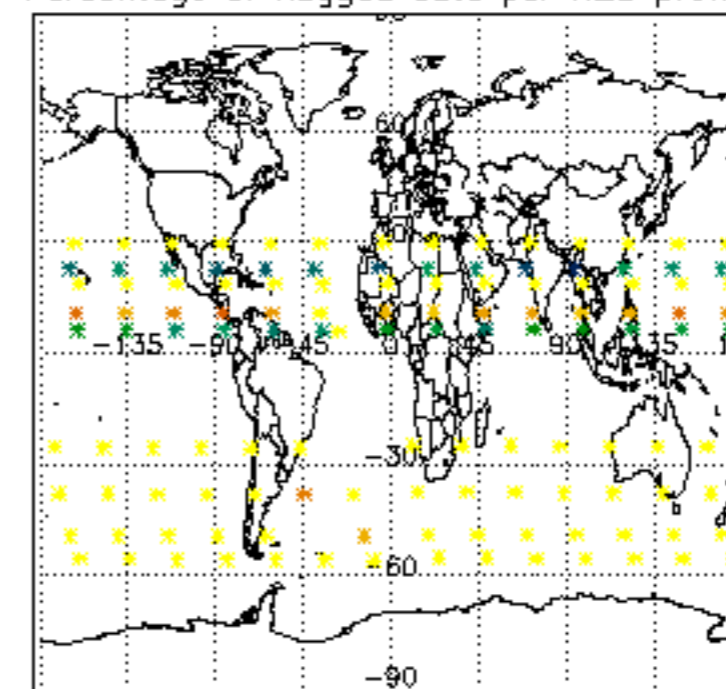




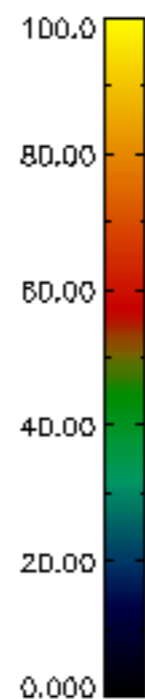
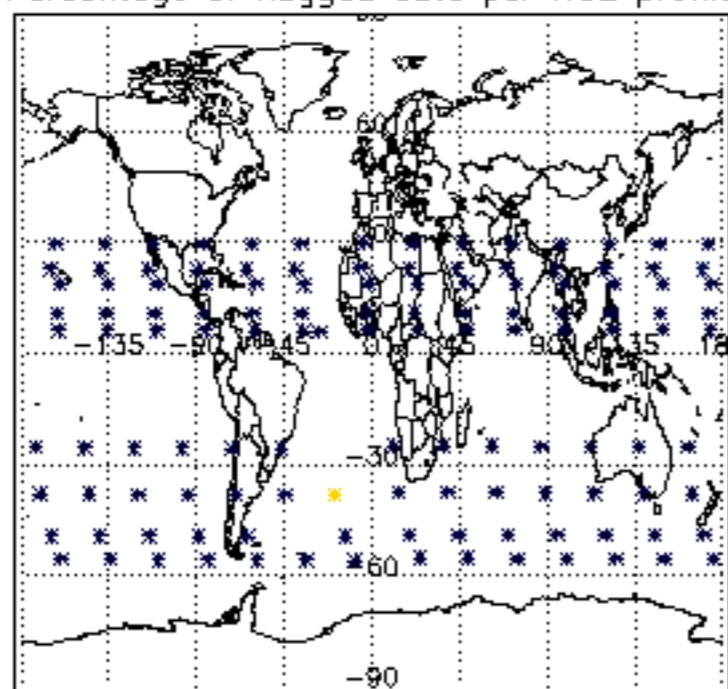
Percentage of flagged data per D3 profile



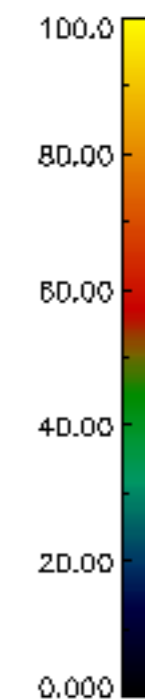
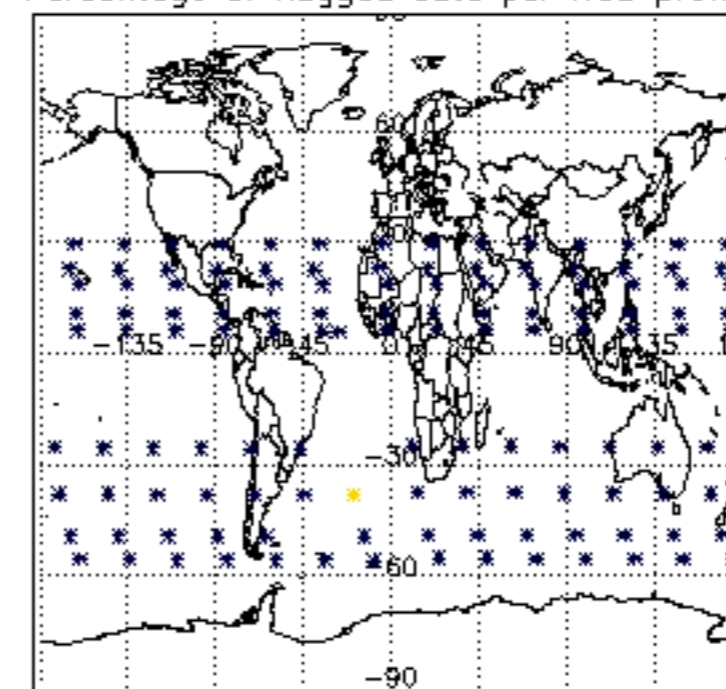
Percentage of flagged data per H2O profile

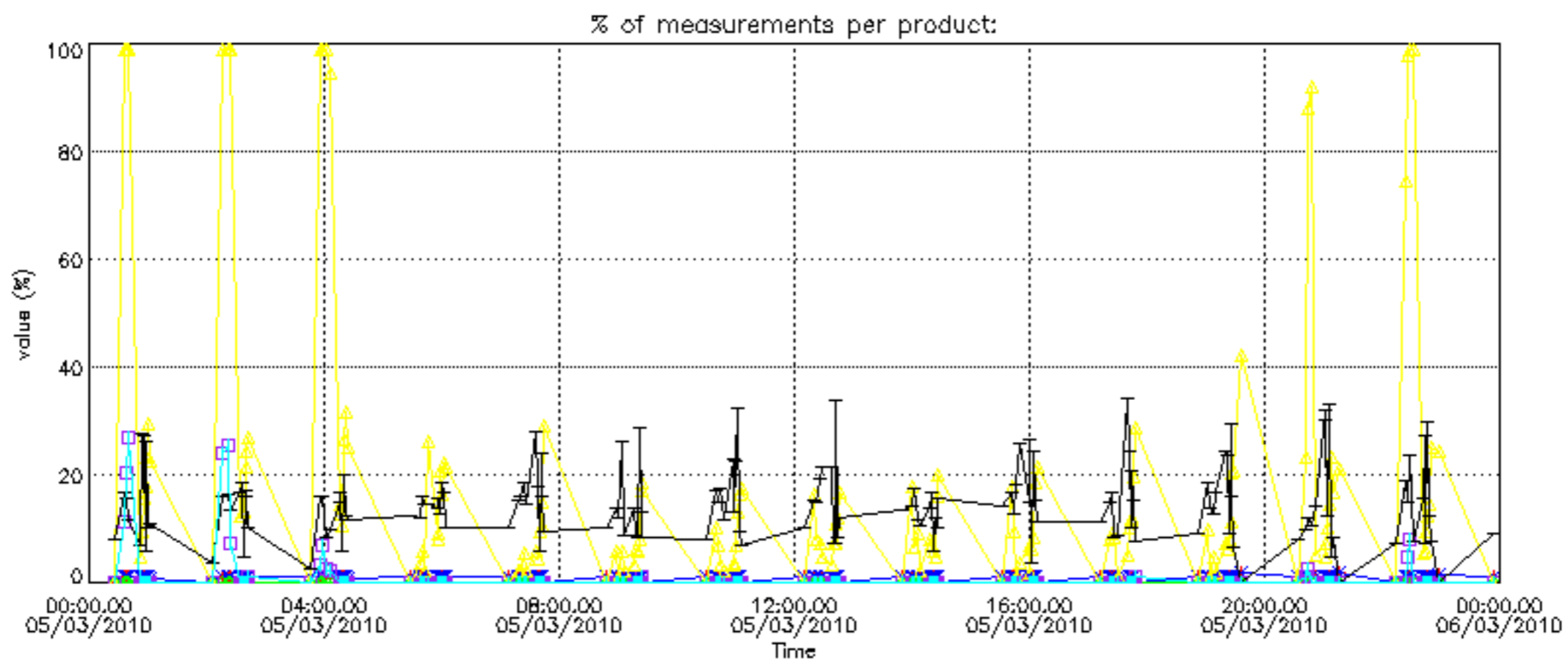
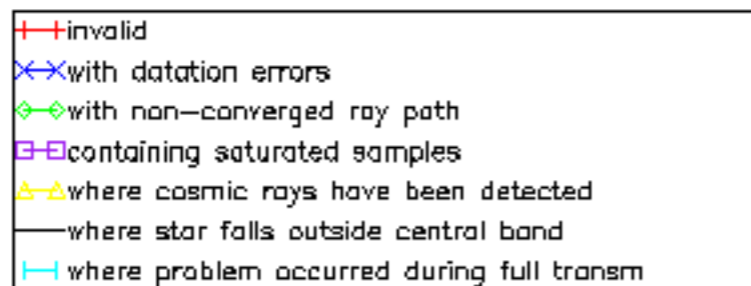


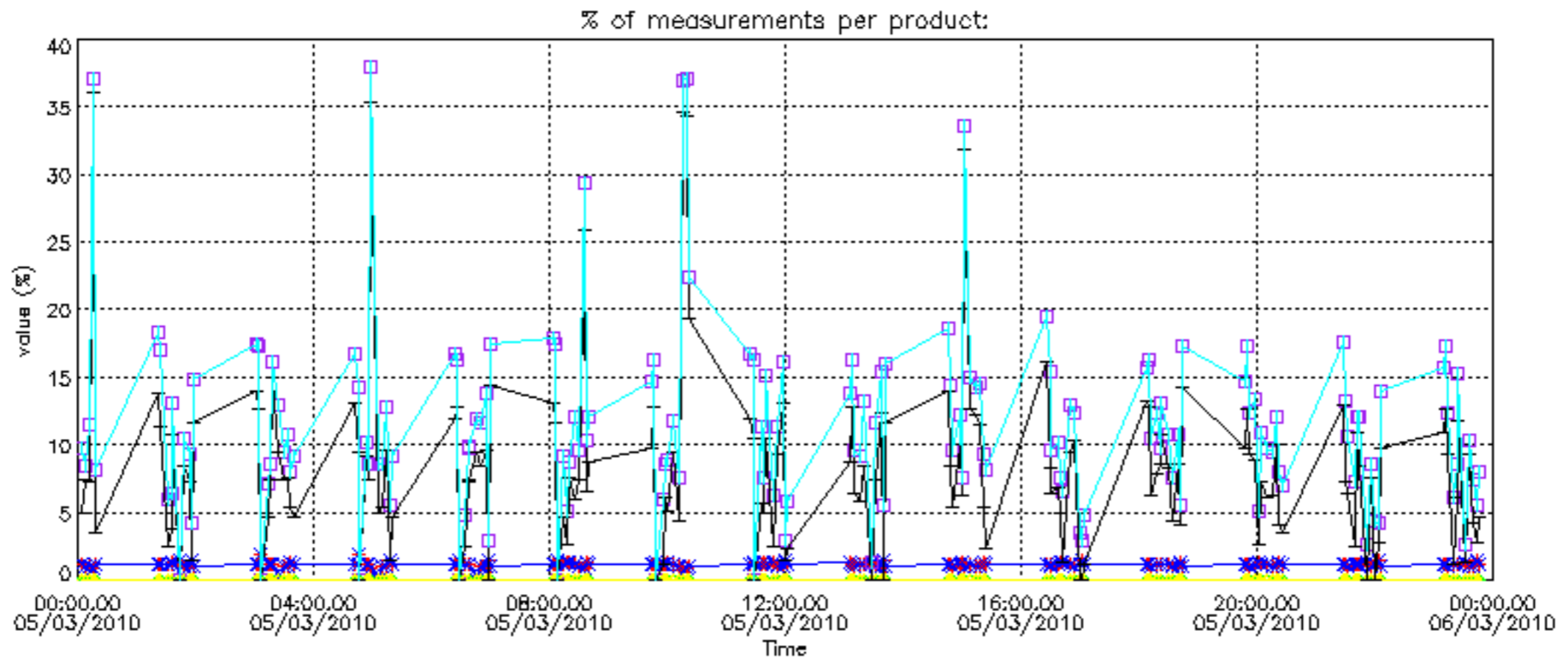
Percentage of flagged data per NO2 profile



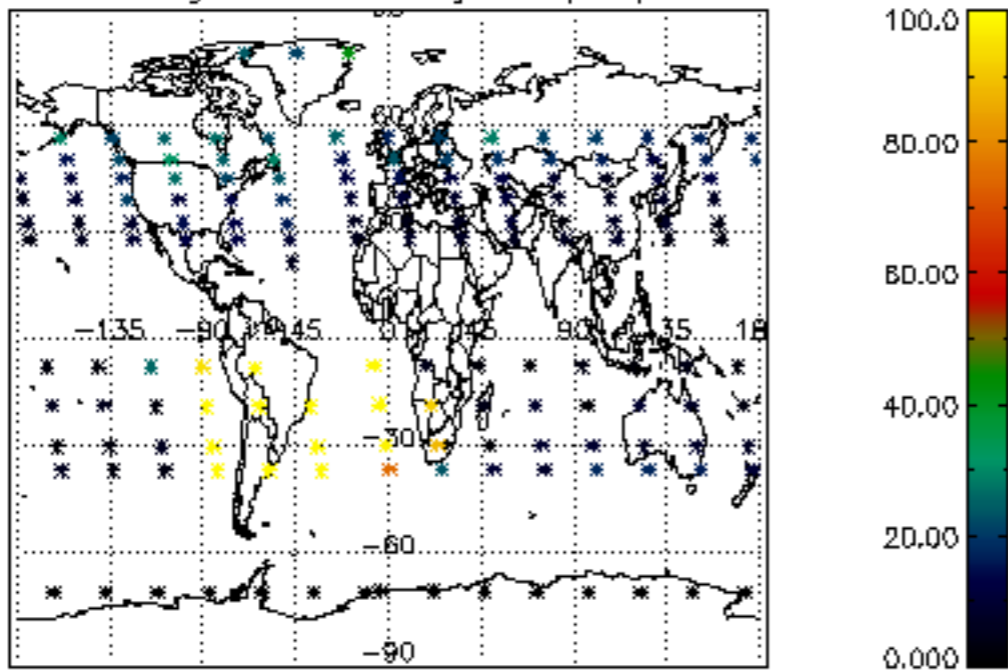
Percentage of flagged data per NO3 profile



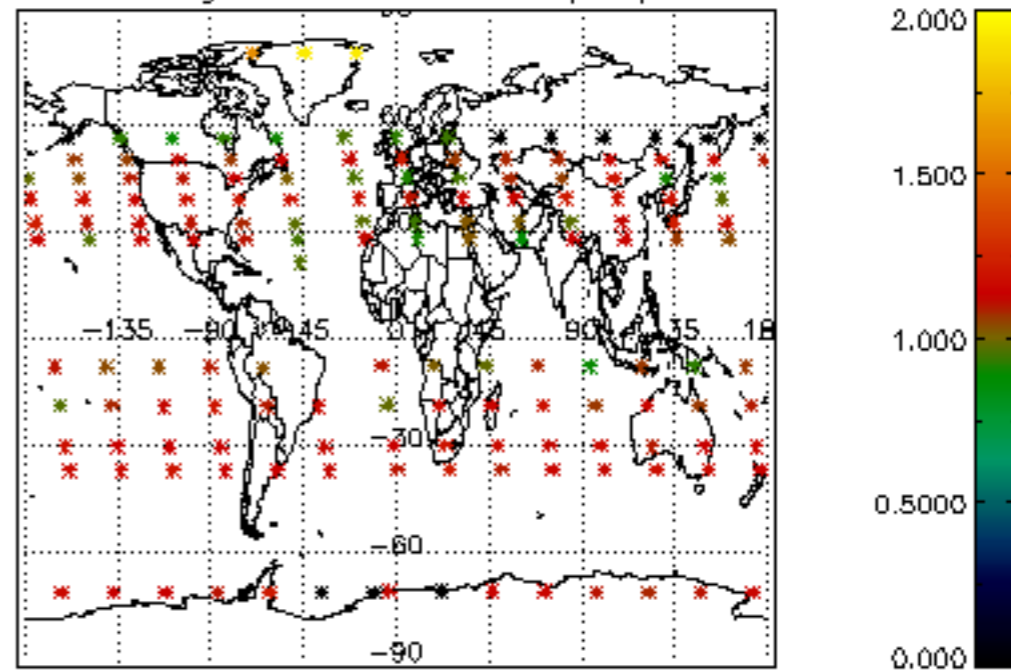




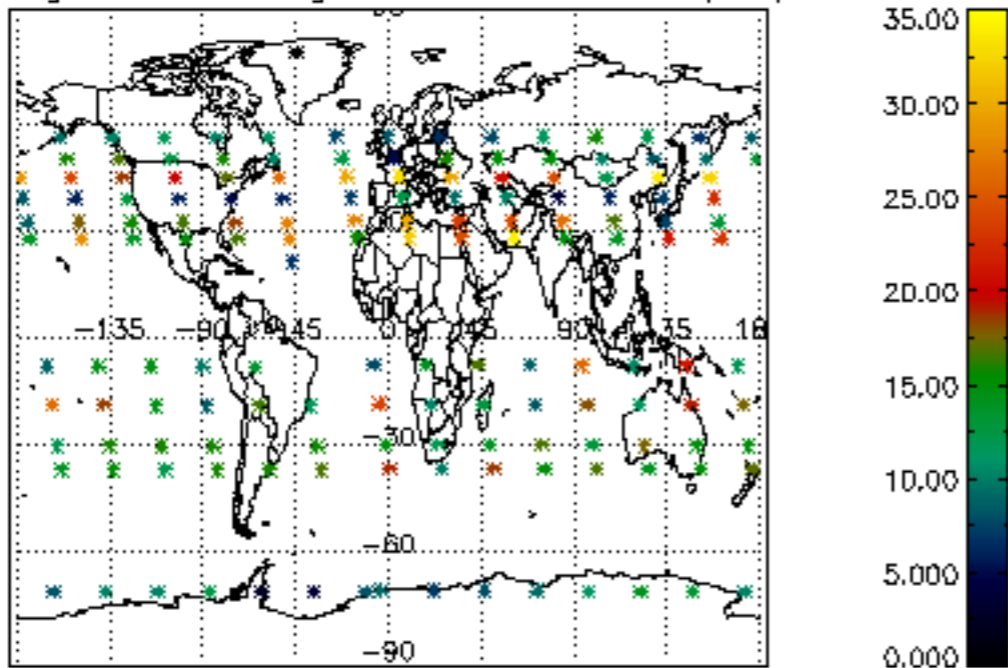
Percentage of cosmic ray hits per profile



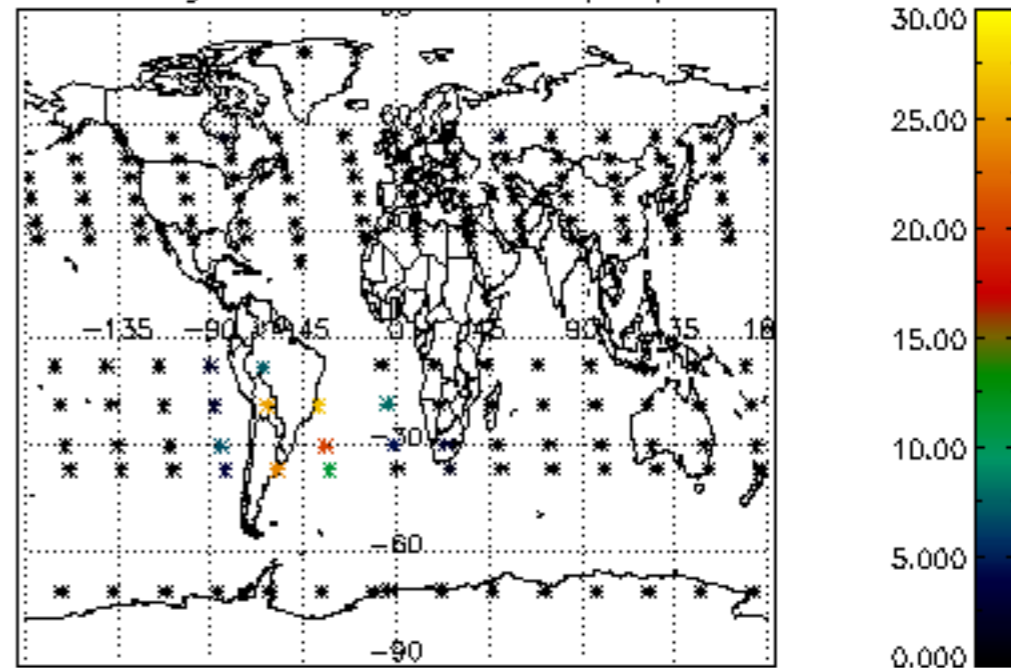
Percentage of datation errors per profile



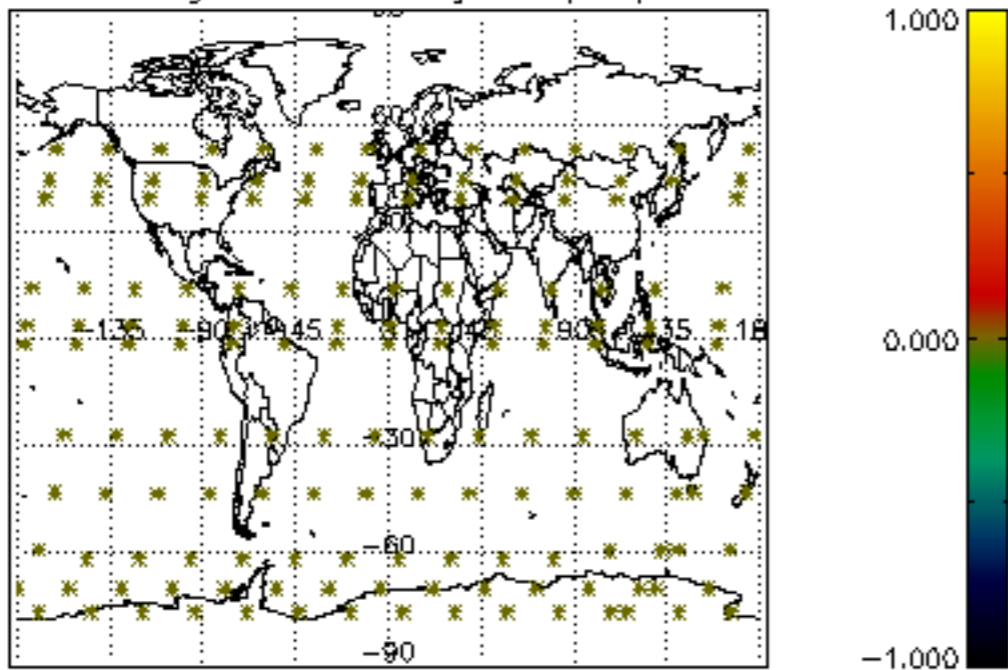
Percentage of star falling outside central band per profile



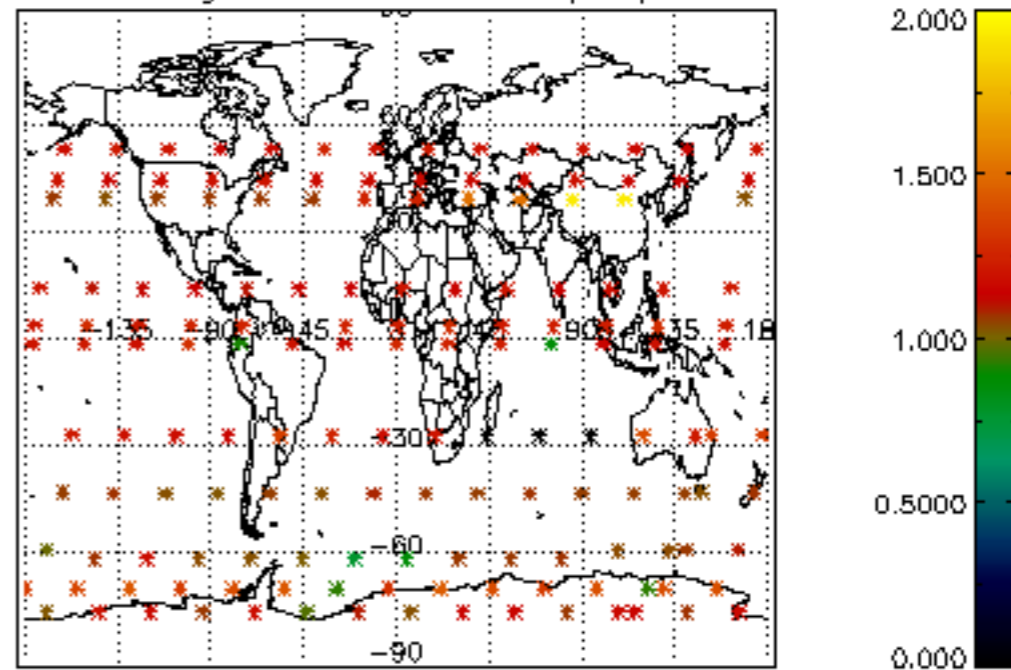
Percentage of saturation errors per profile



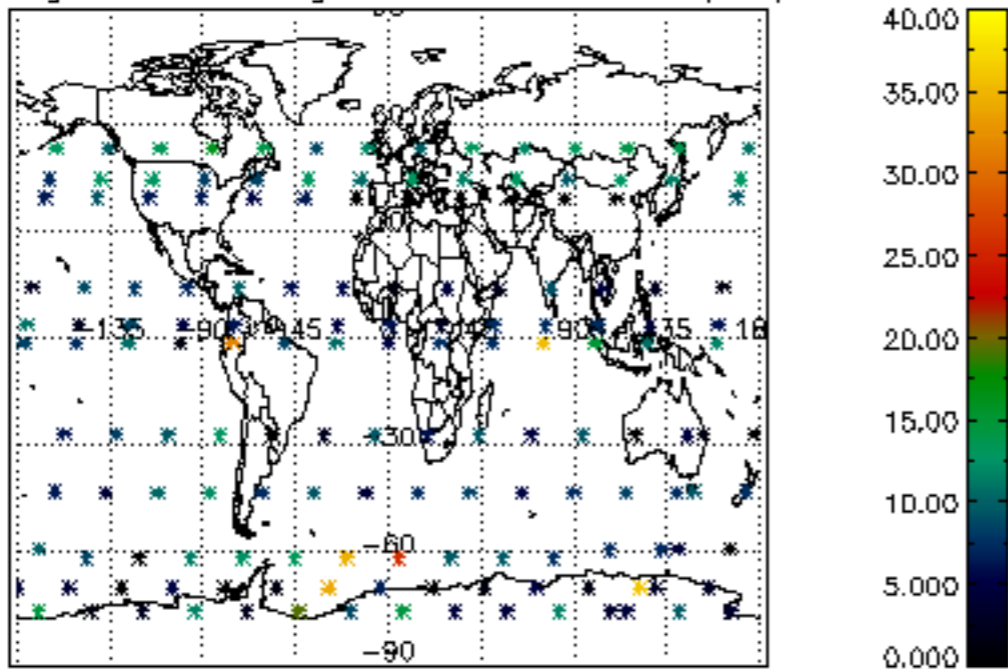
Percentage of cosmic ray hits per profile



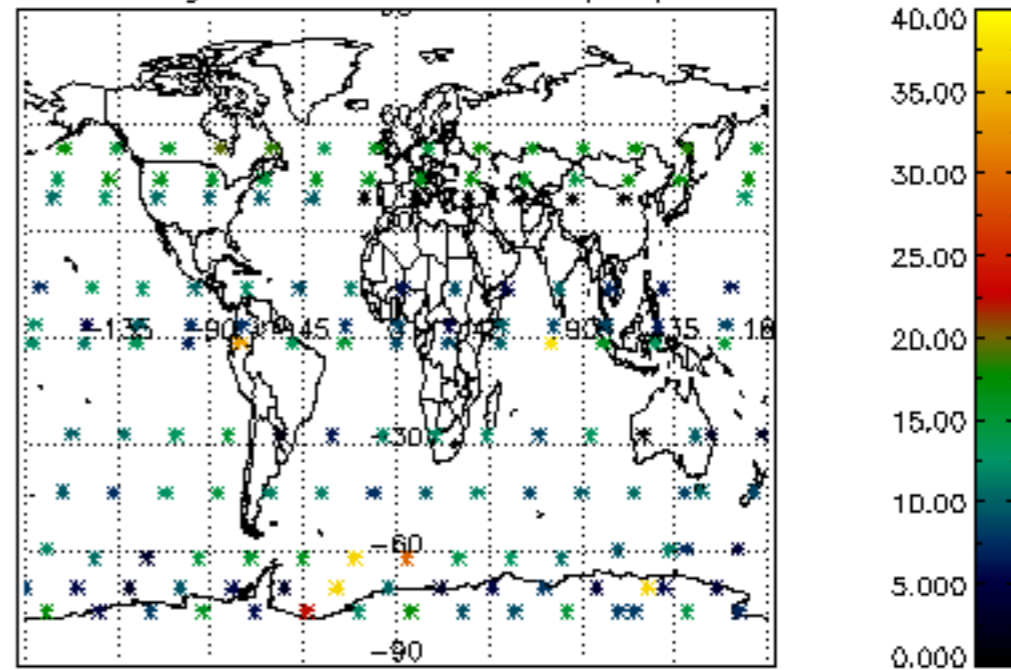
Percentage of datation errors per profile

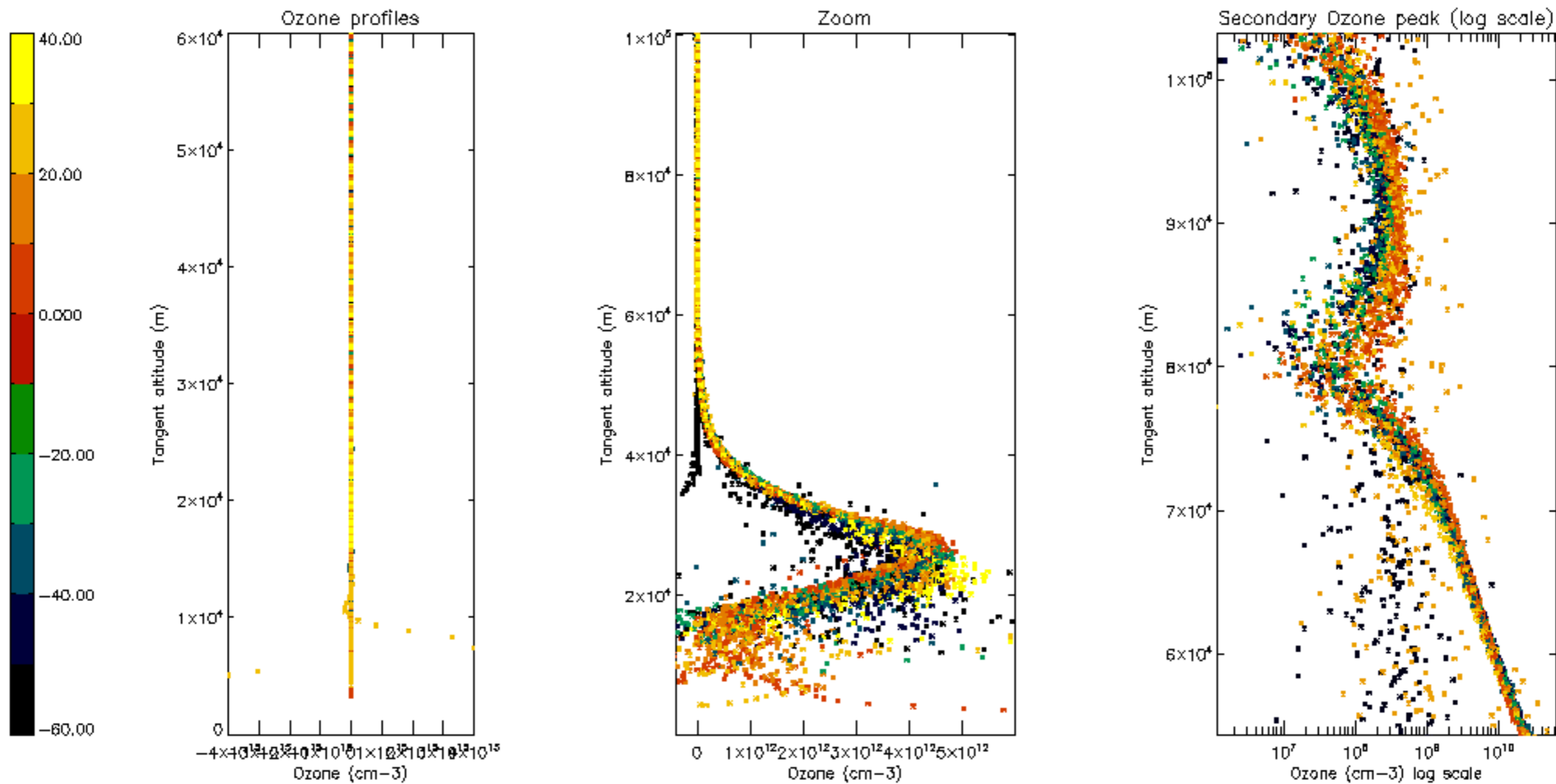


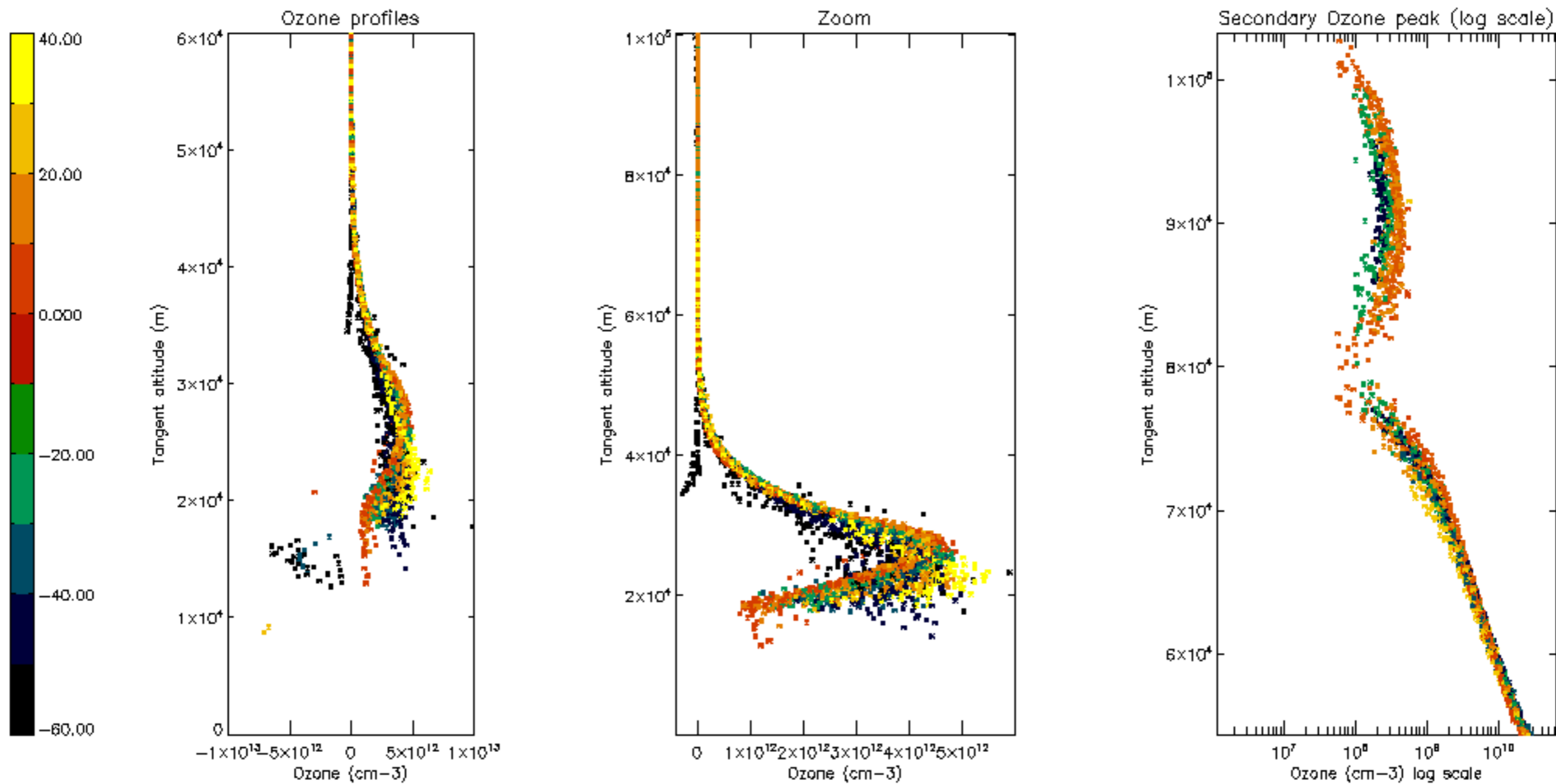
Percentage of star falling outside central band per profile



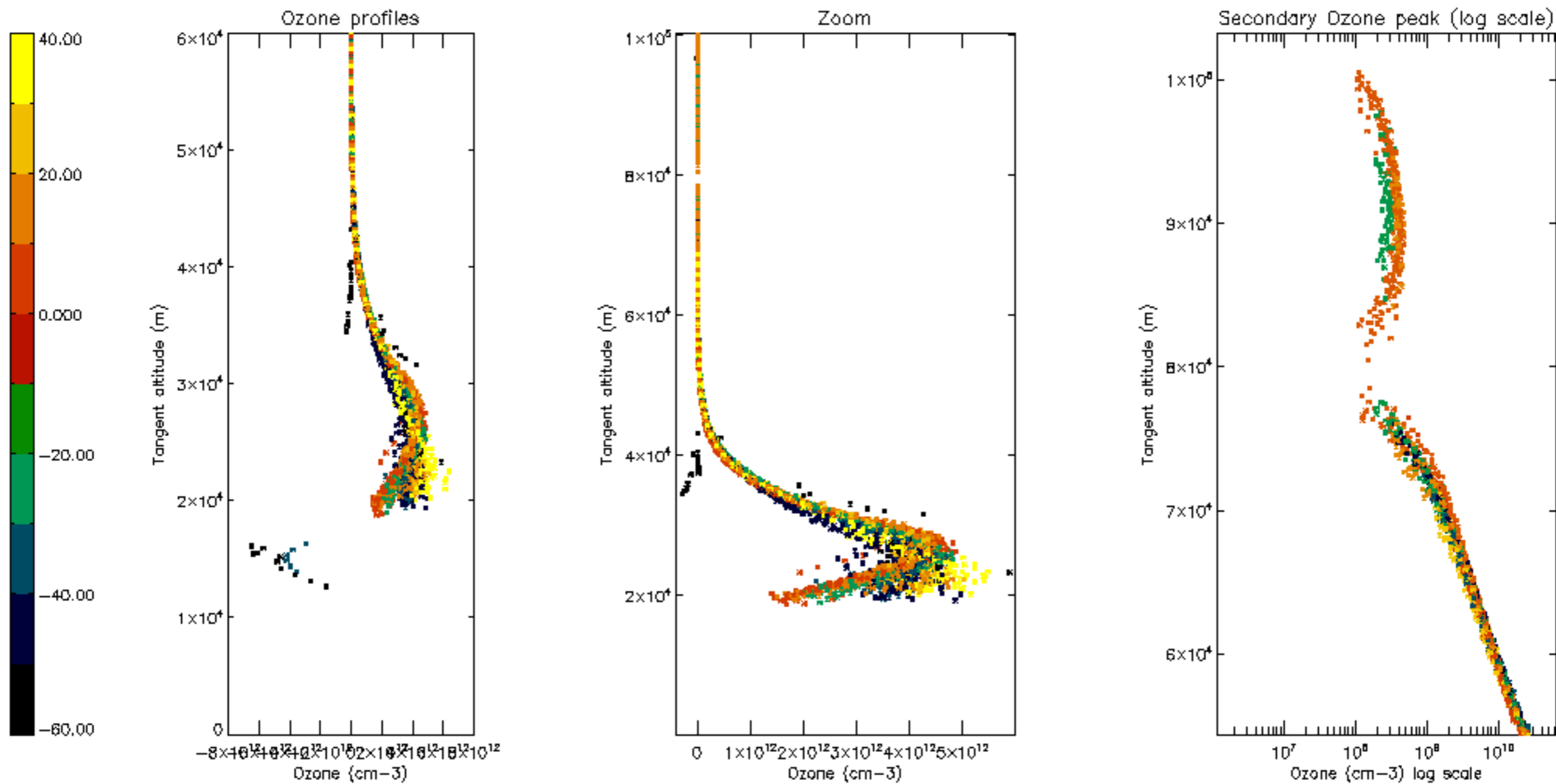
Percentage of saturation errors per profile

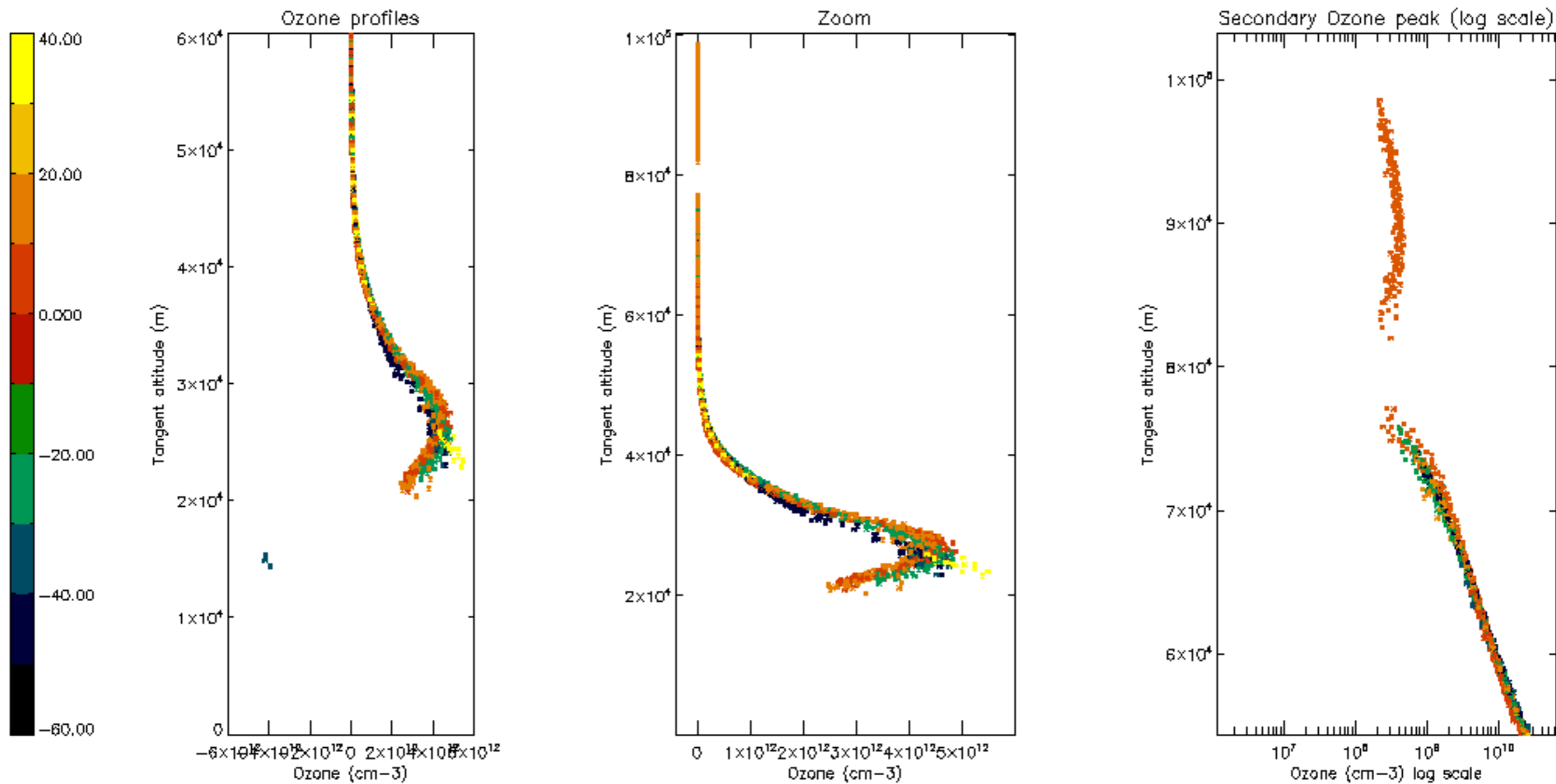


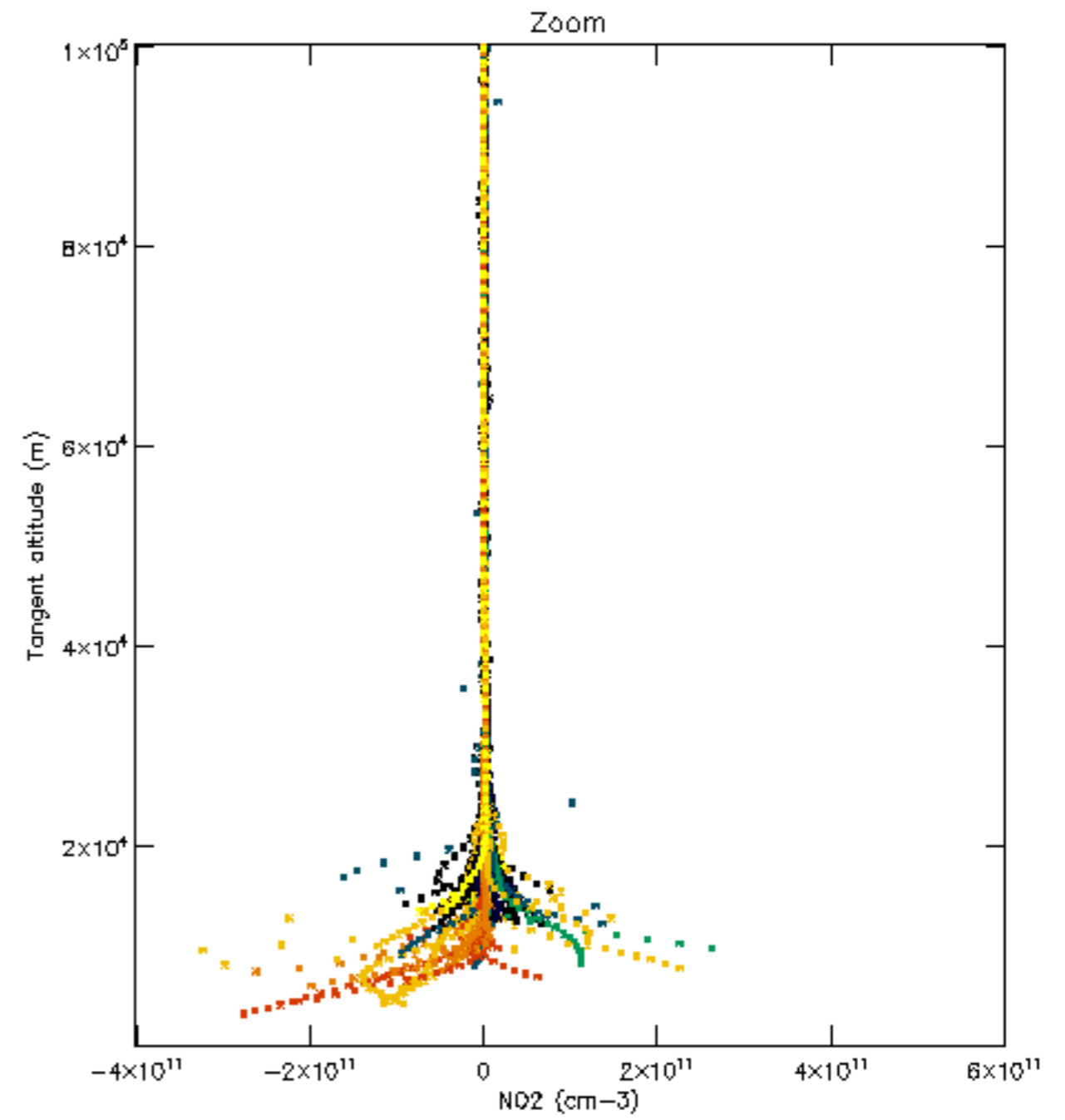
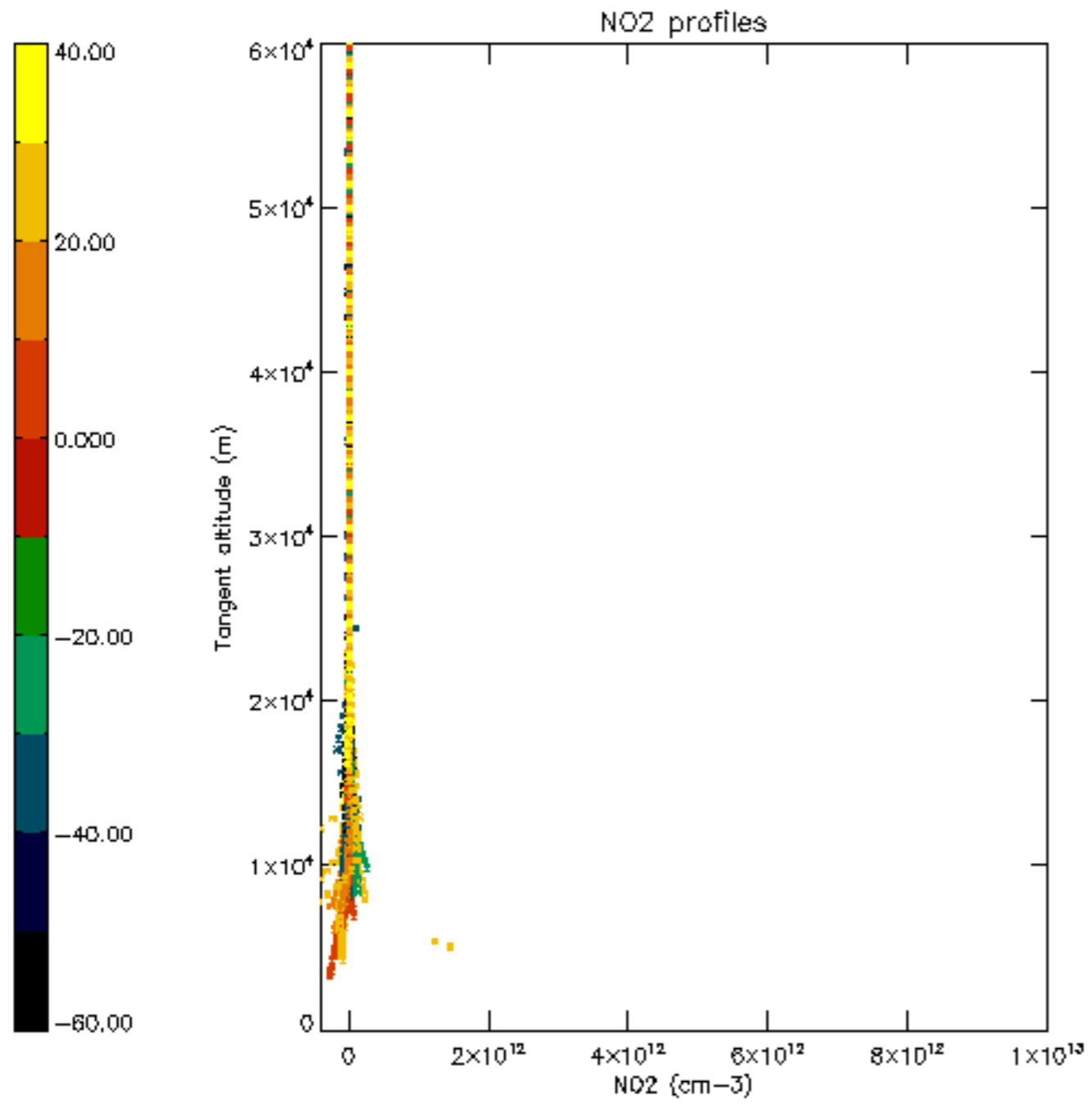


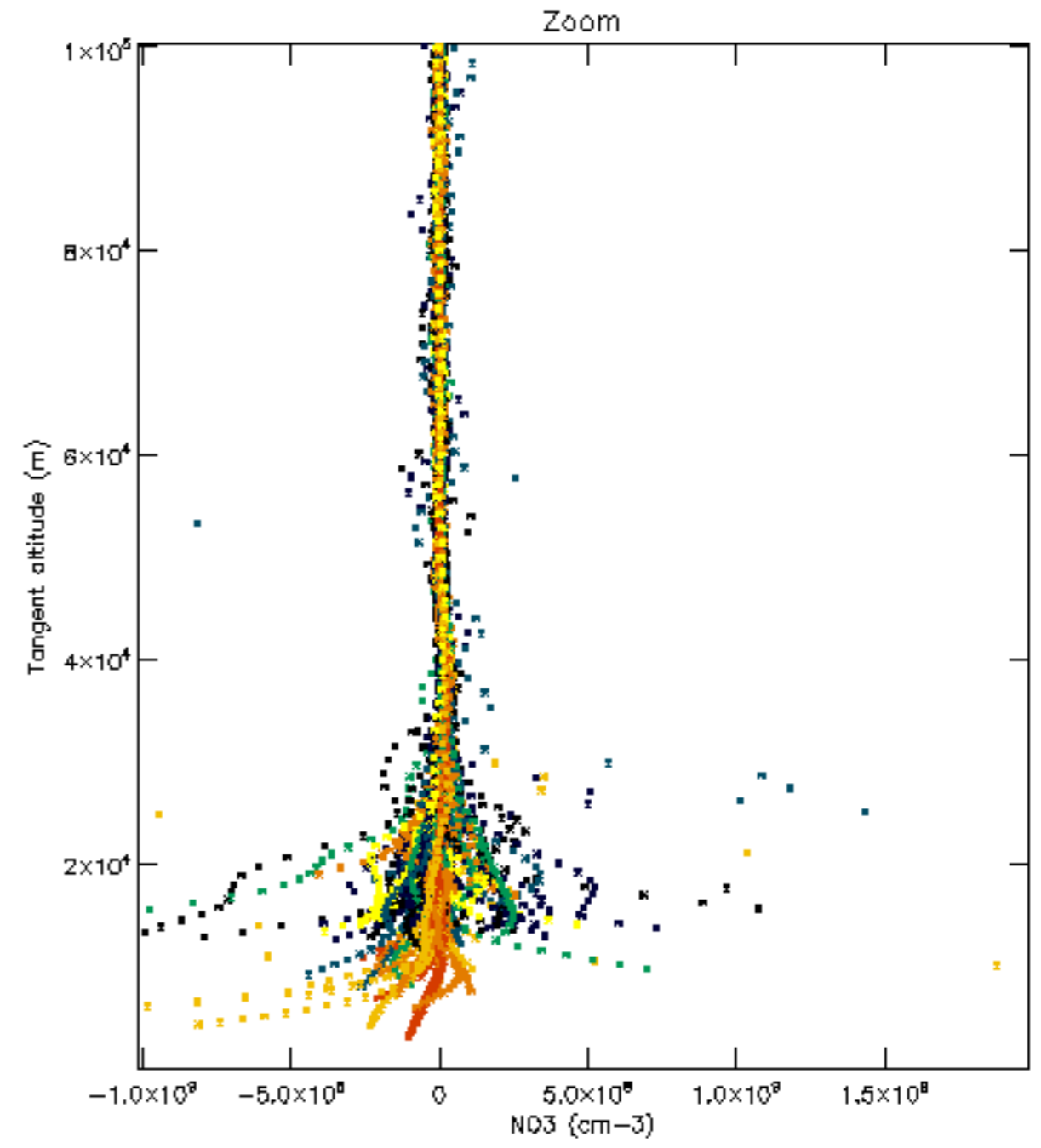
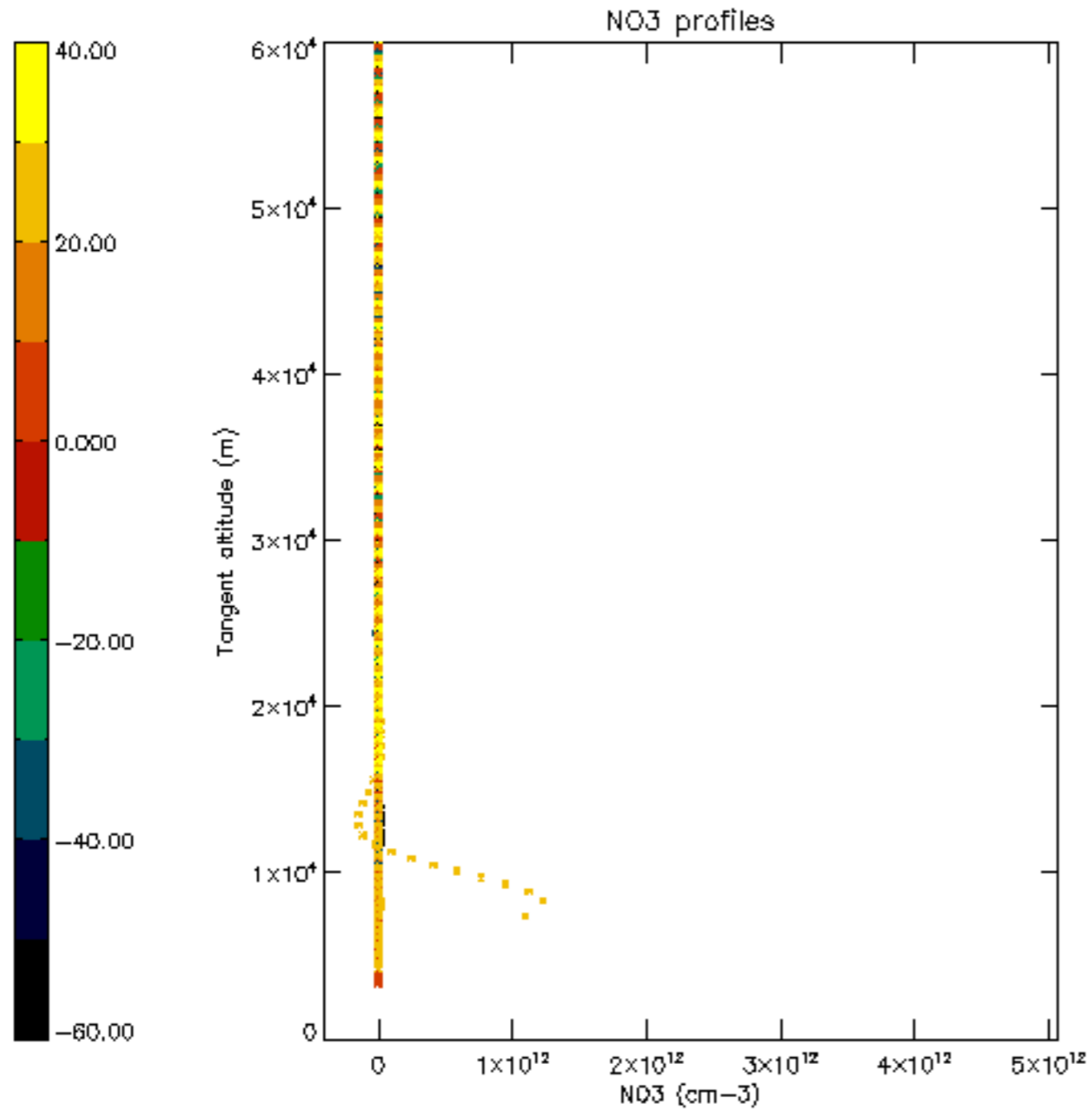


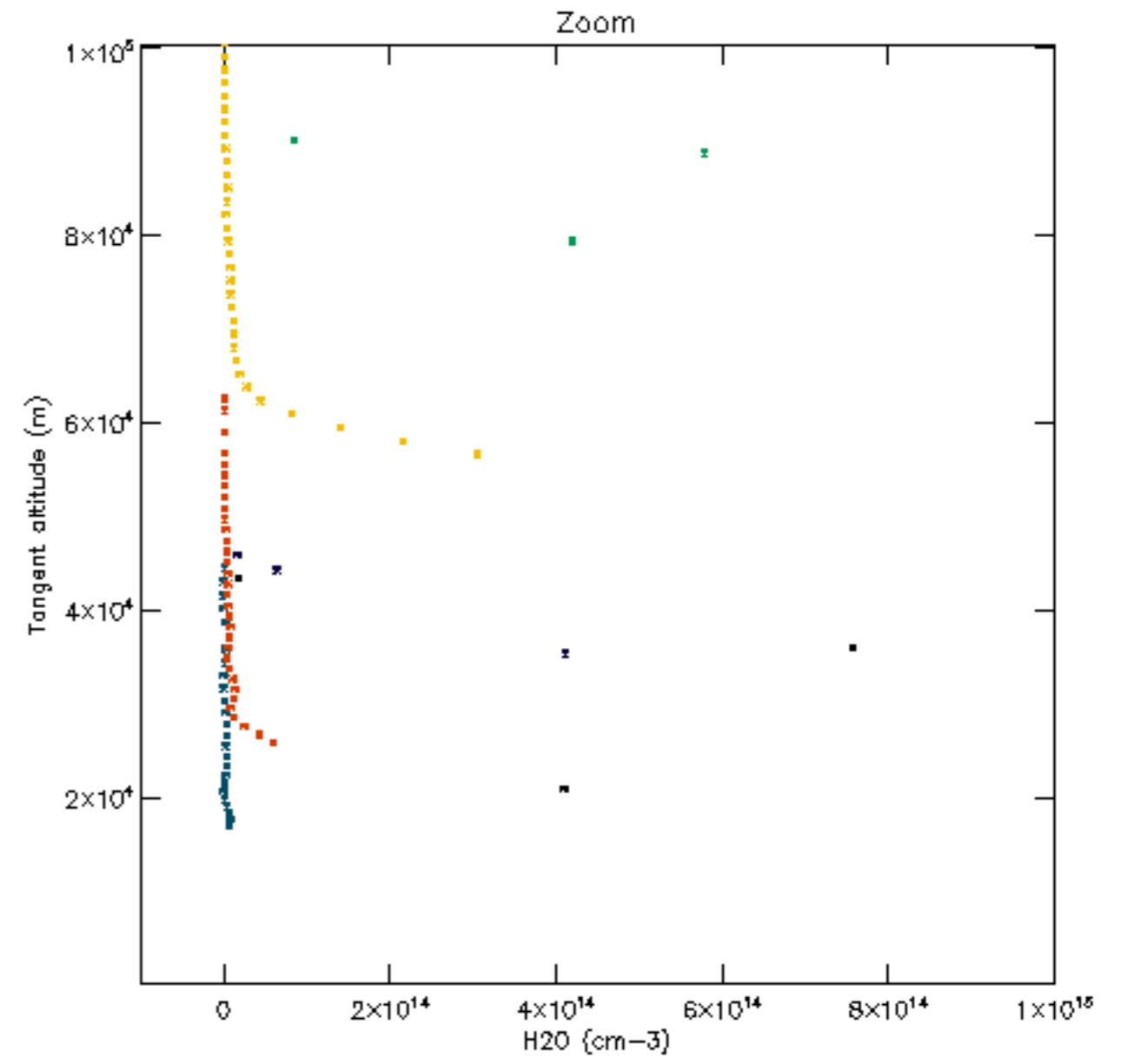
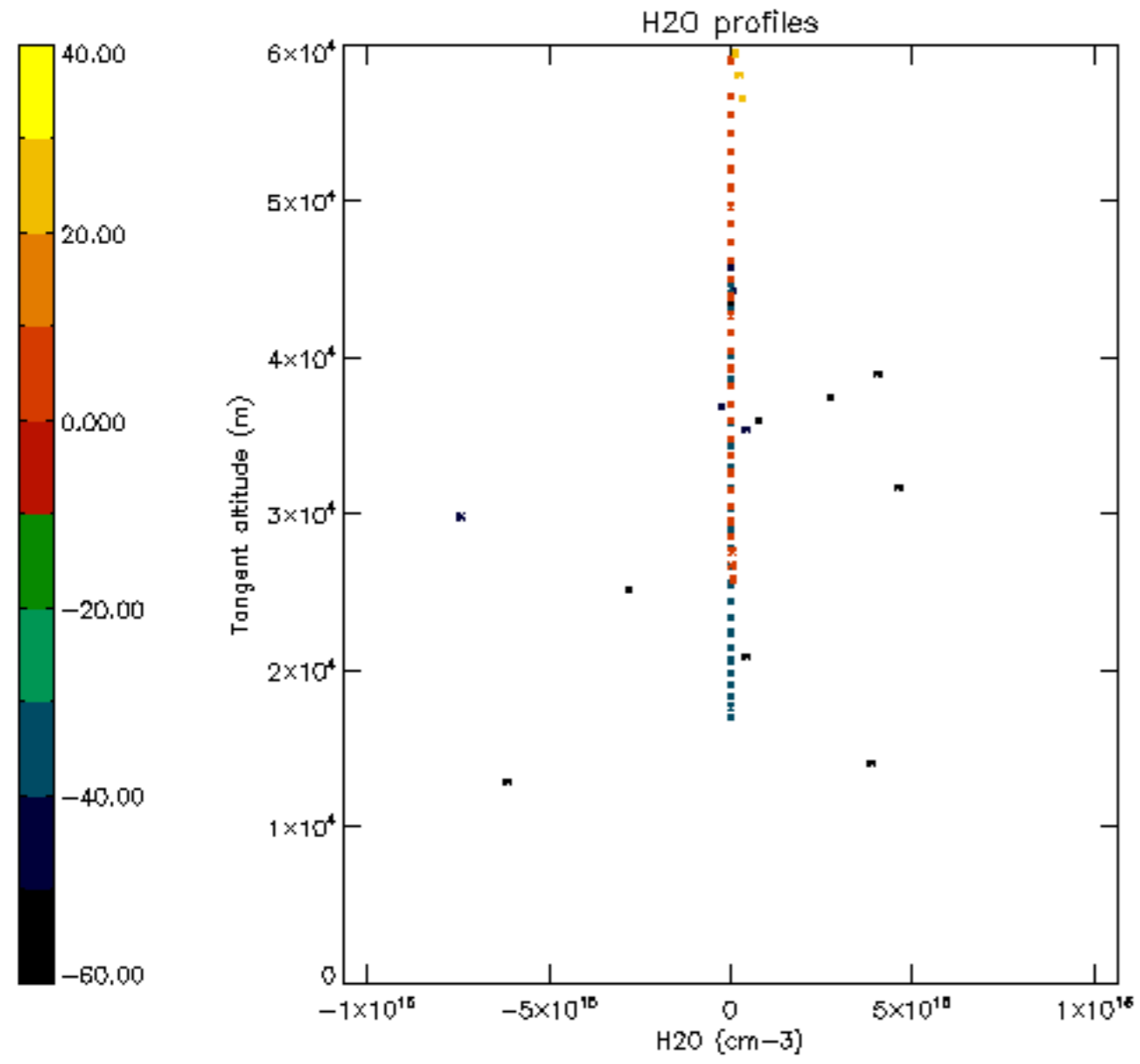


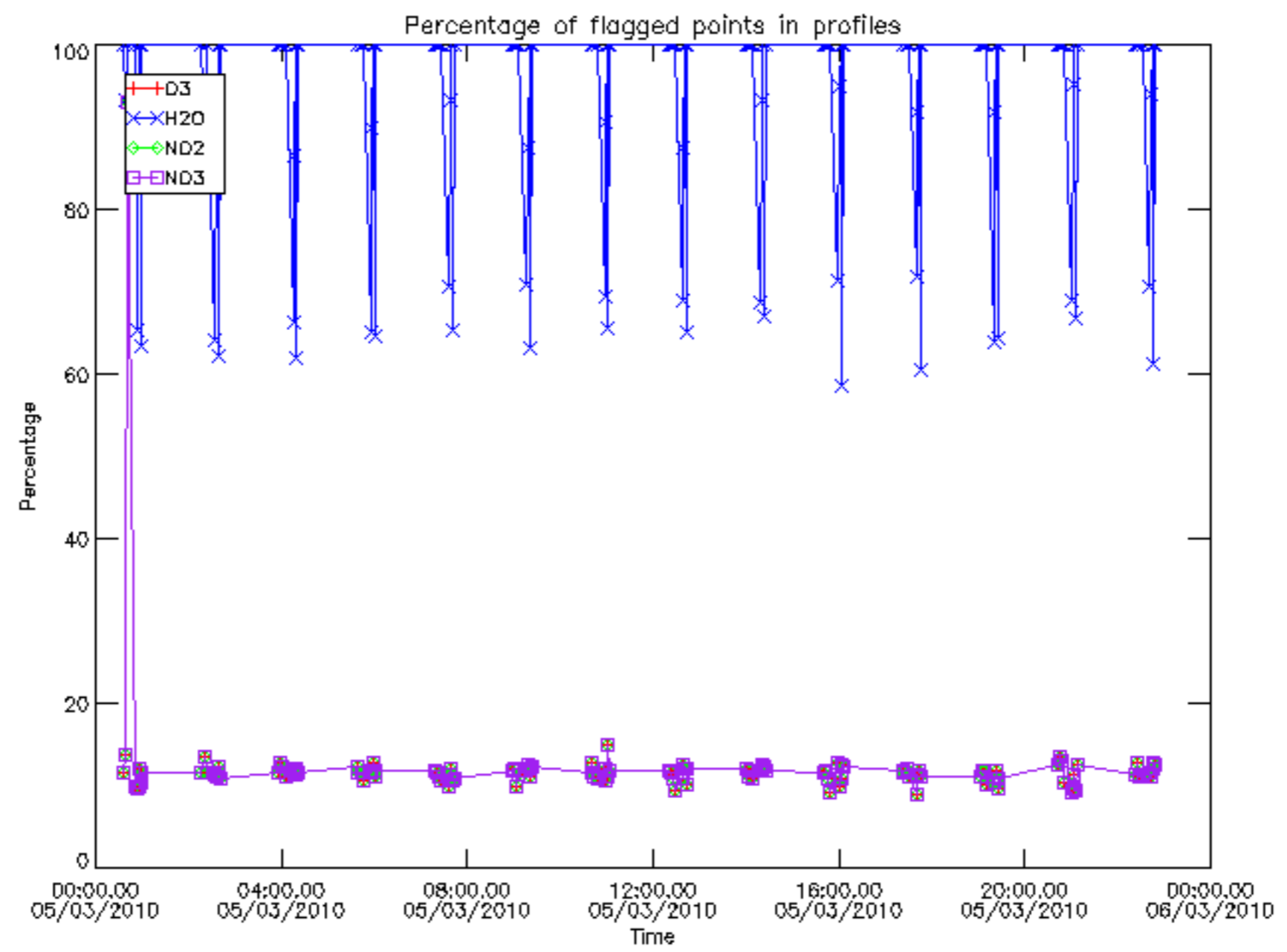




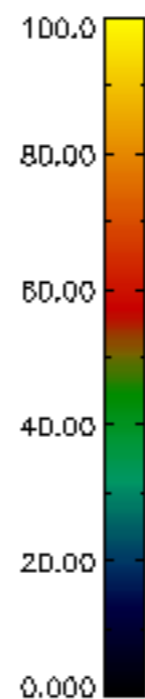
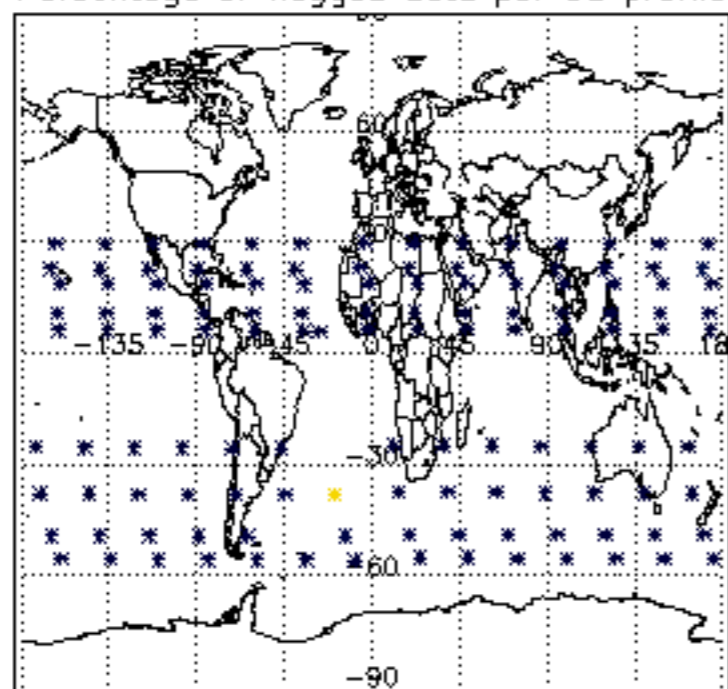




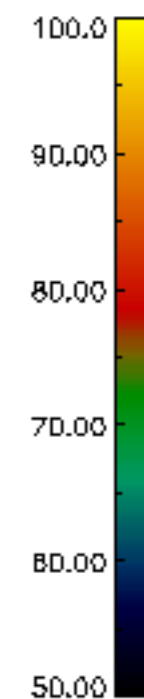
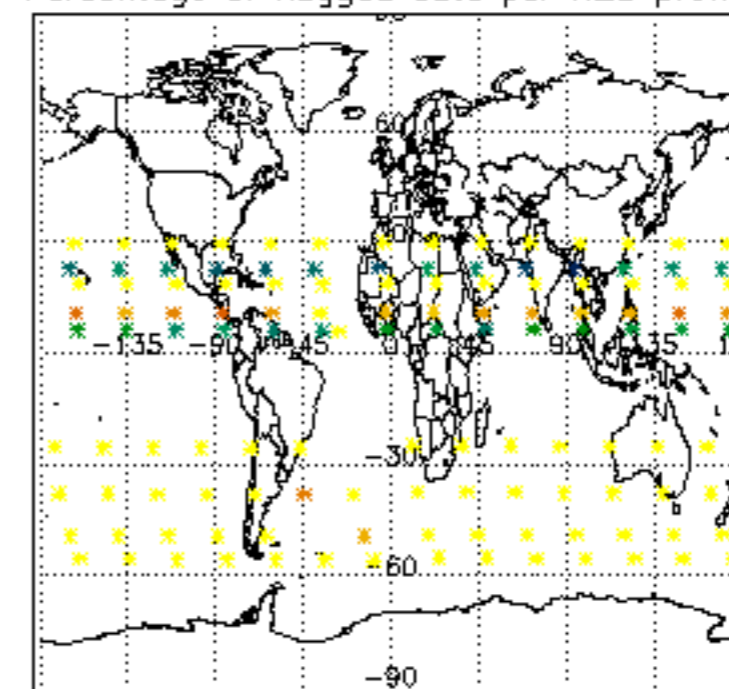




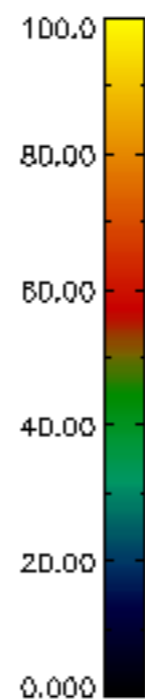
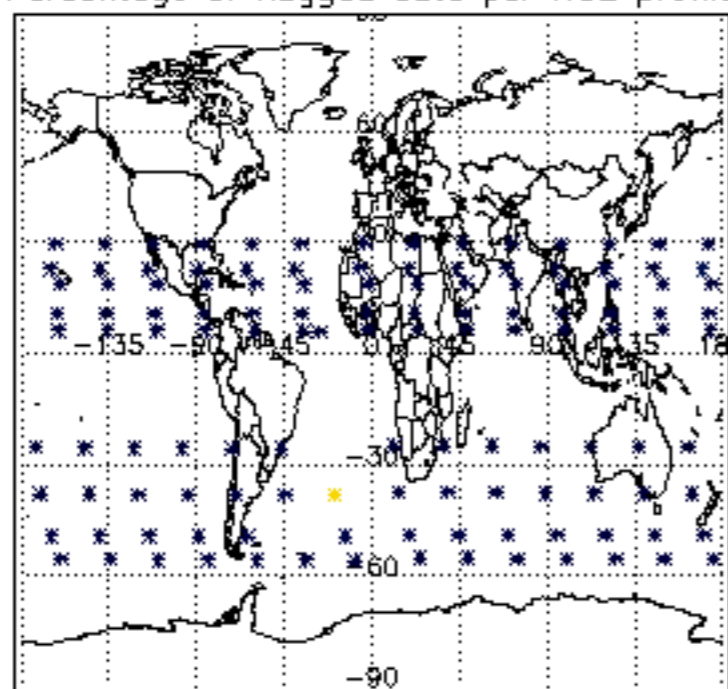
Percentage of flagged data per D3 profile



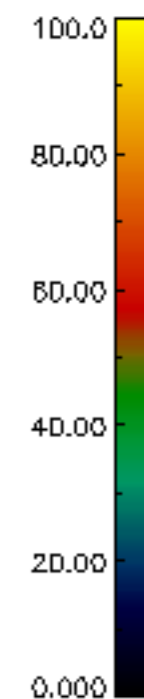
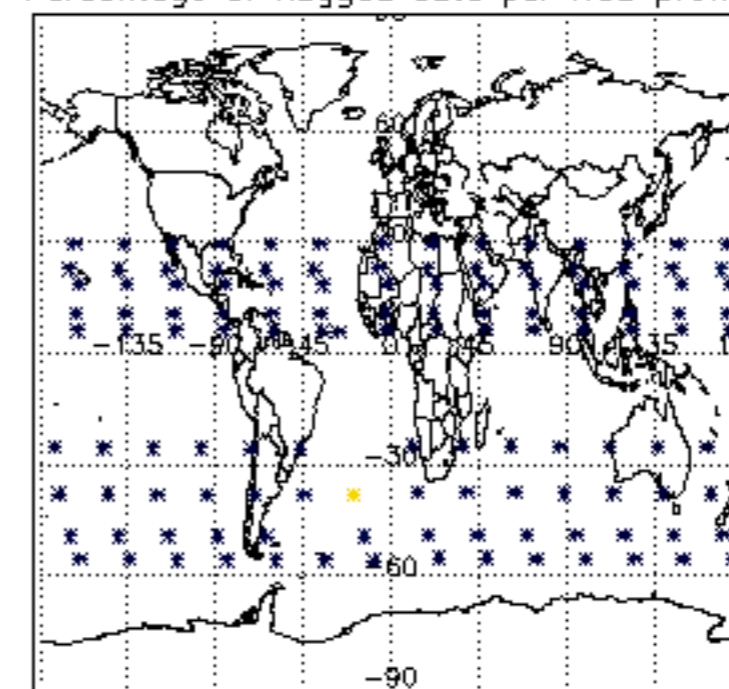
Percentage of flagged data per H2O profile

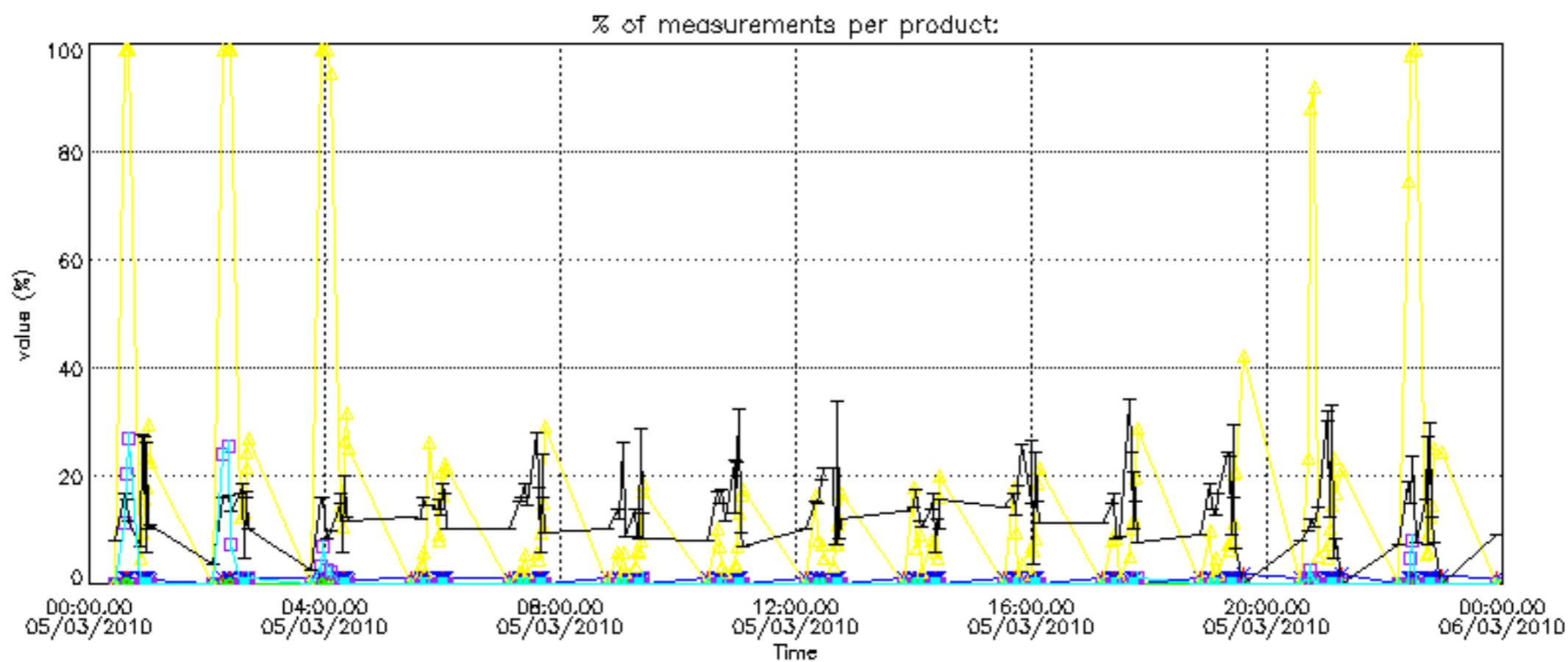
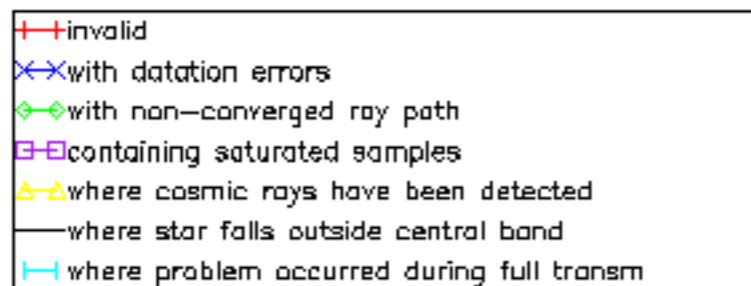


Percentage of flagged data per NO2 profile

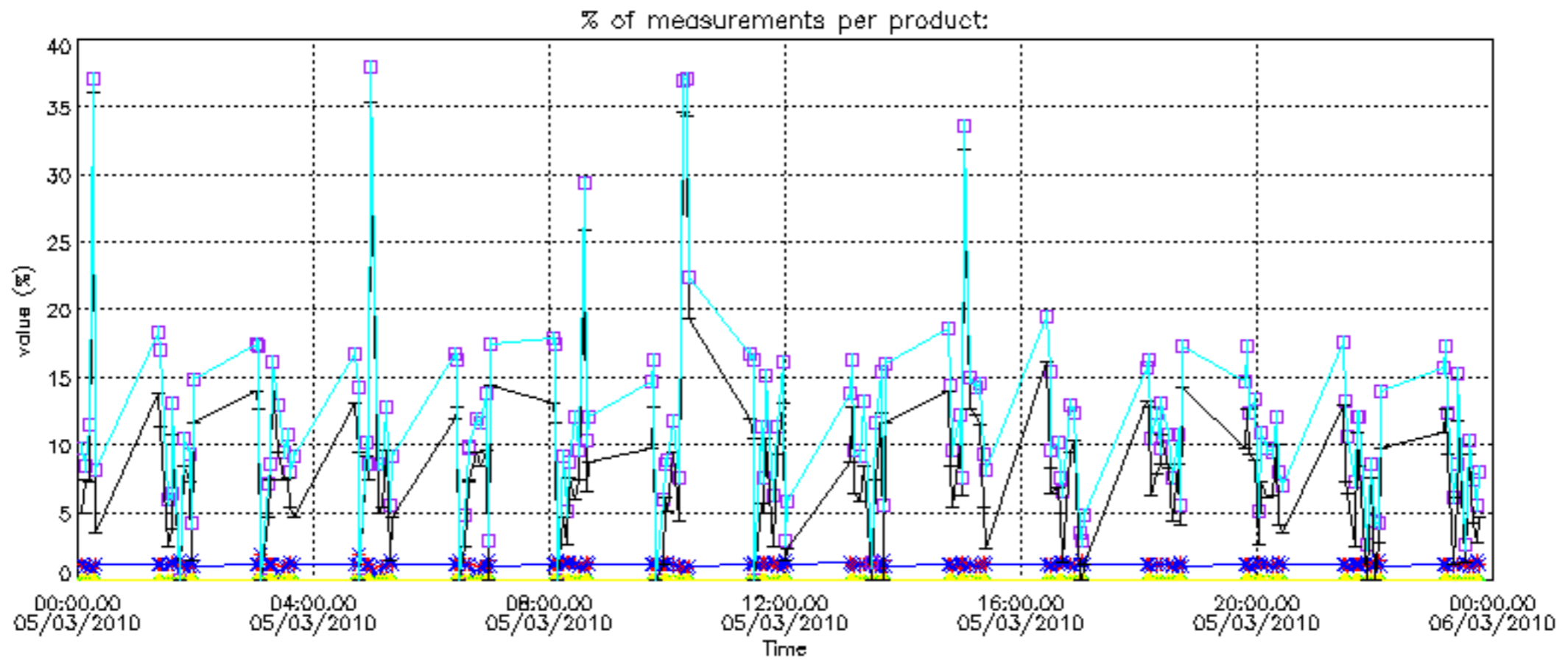
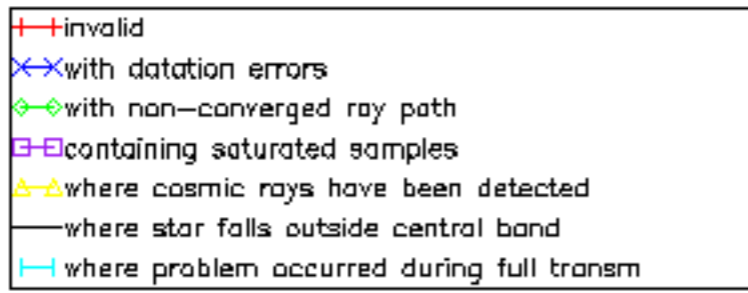


Percentage of flagged data per NO3 profile

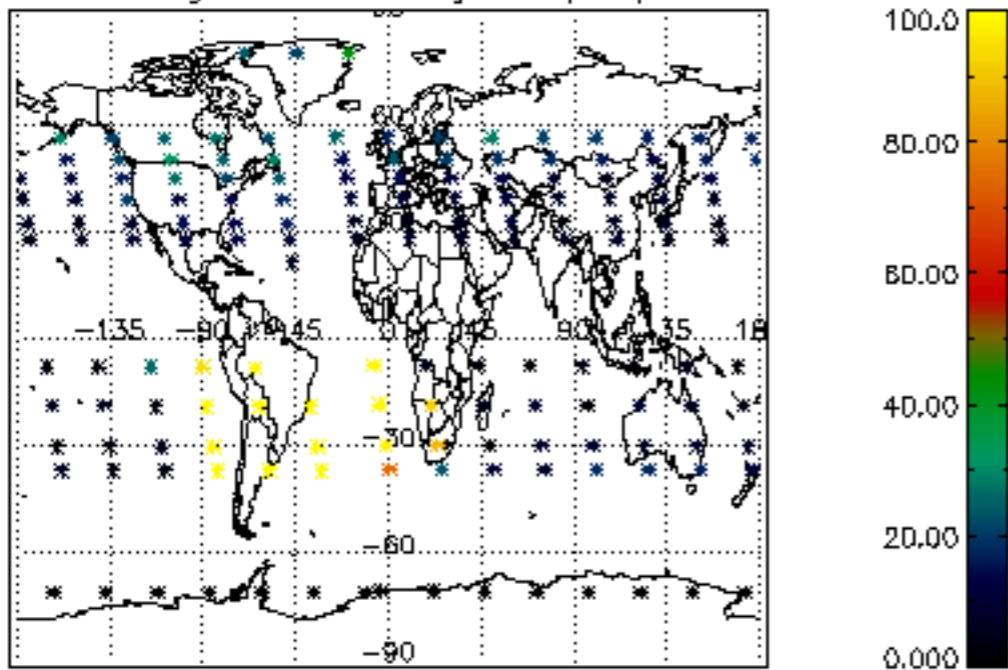




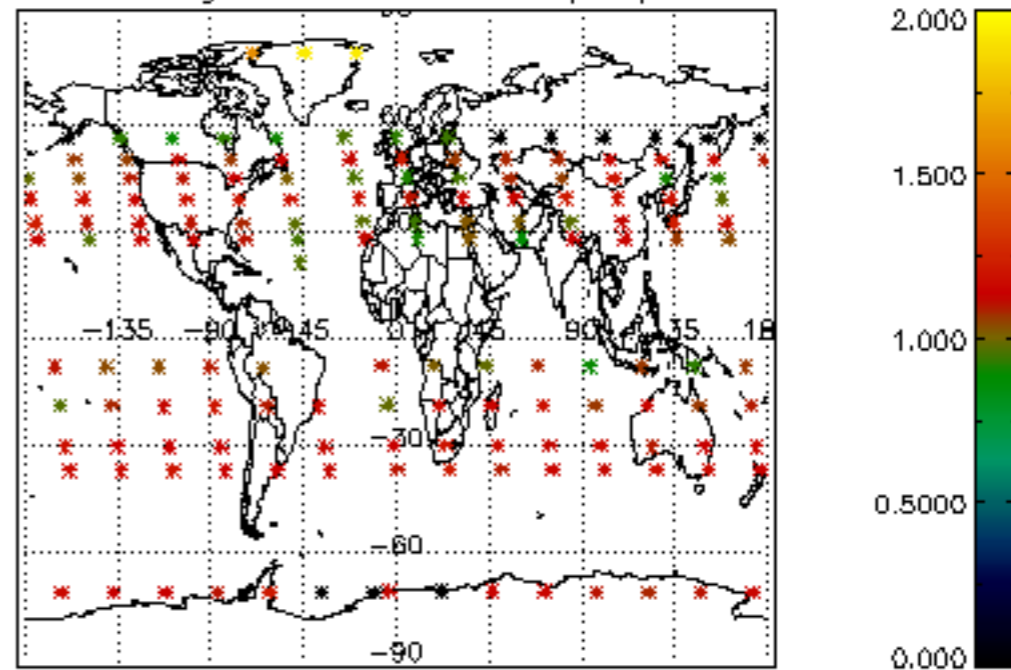




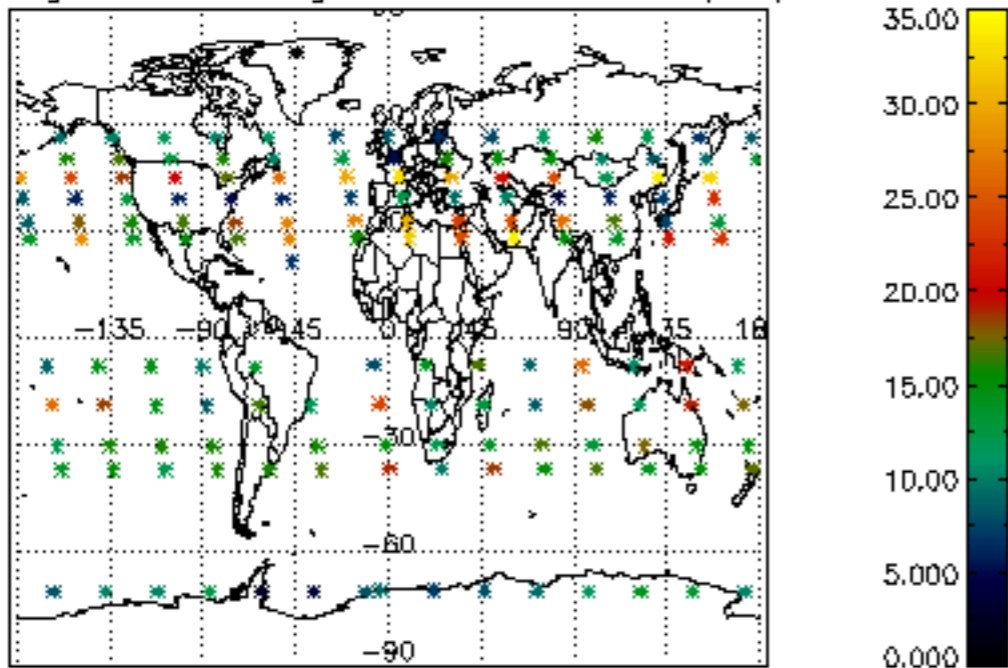
Percentage of cosmic ray hits per profile



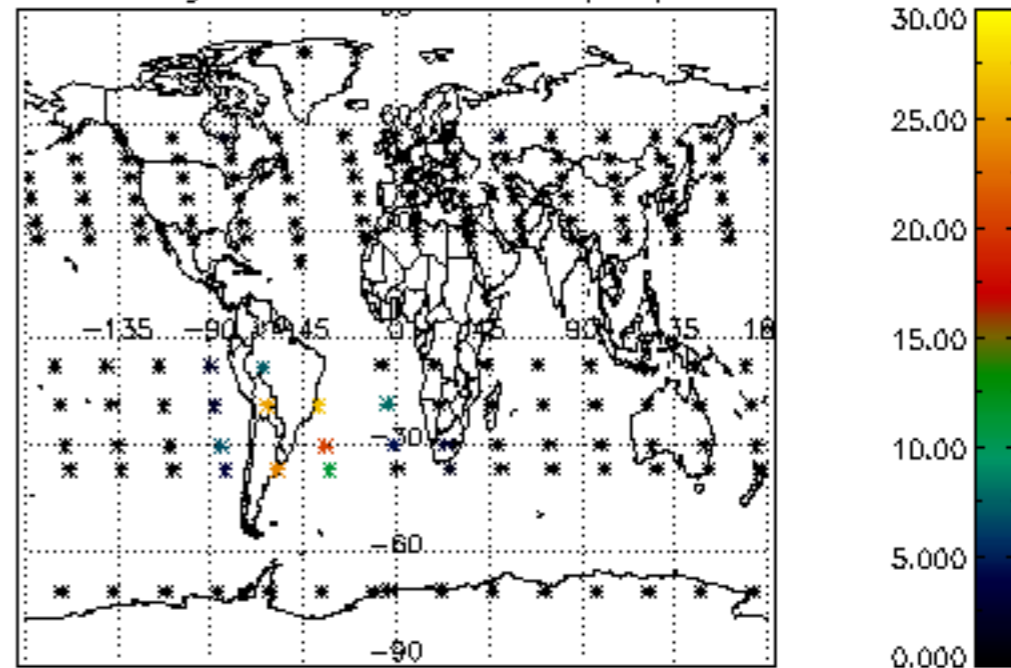
Percentage of datation errors per profile



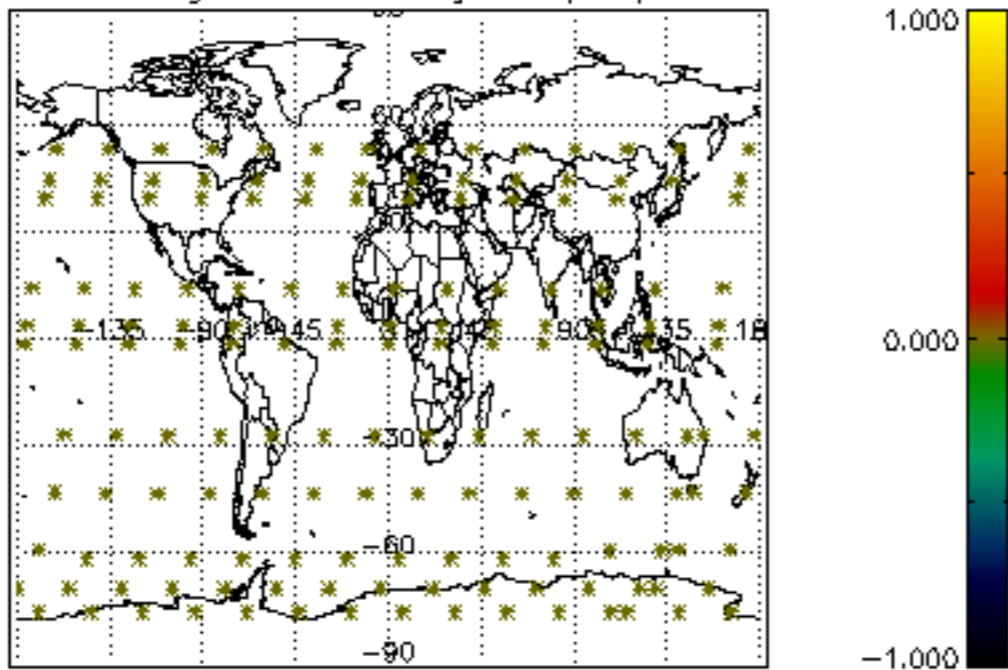
Percentage of star falling outside central band per profile



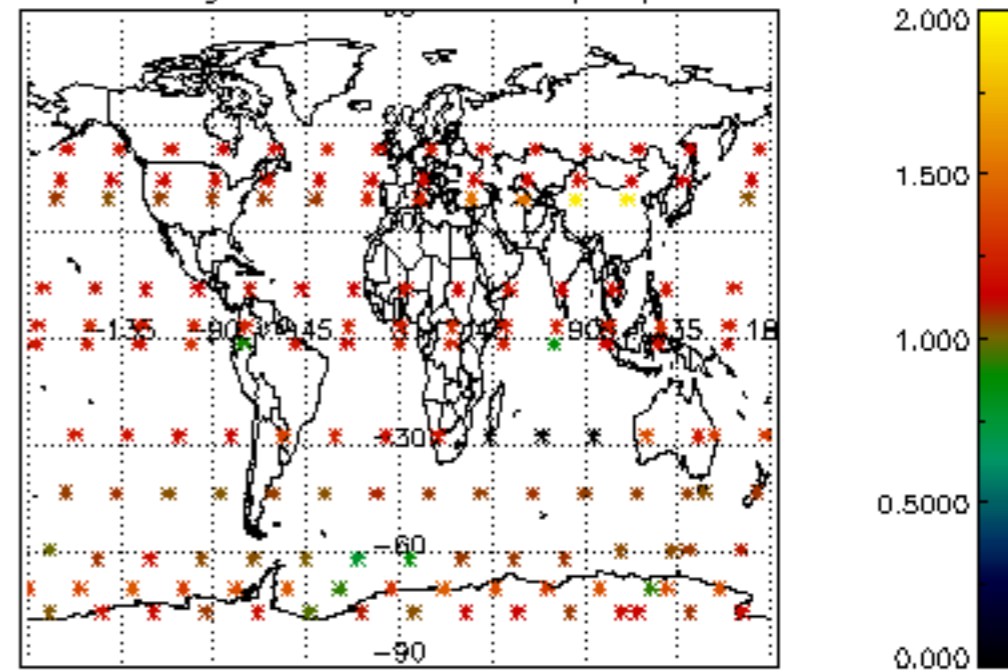
Percentage of saturation errors per profile



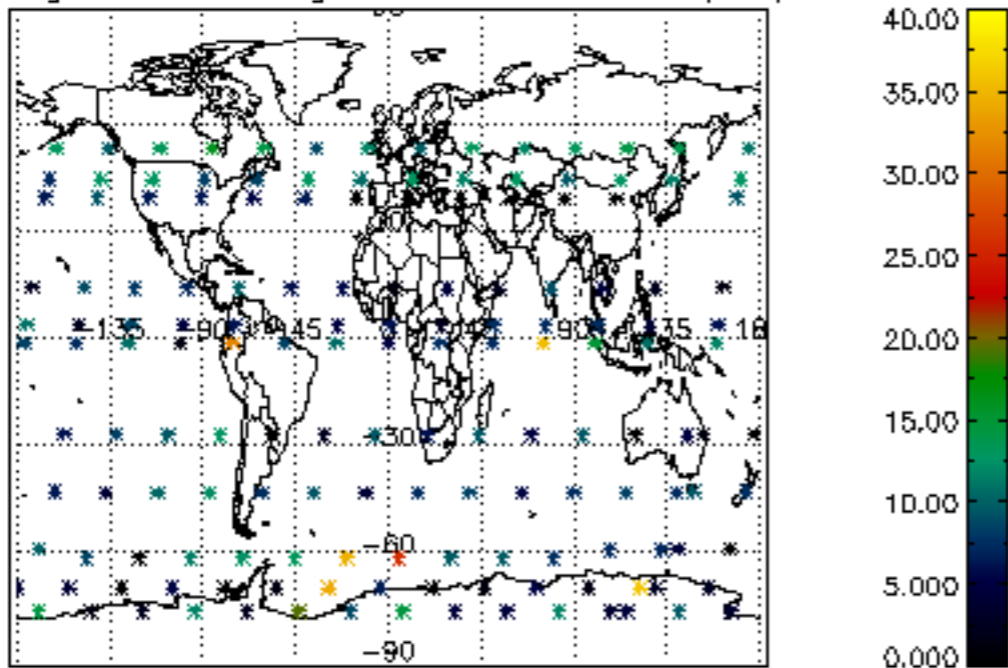
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

