

# 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	22APR2013 21:55:48
Data source version	GOMOS/6.01
Start time of products	19-07-2007 (19JUL2007 00:00:00)
Stop time of products	20-07-2007 (20JUL2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	255
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__2PRFIN20070719_000206_000000472060_00030_28140_0481.N1	19-JUL-2007 00:02:06	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	28140	No
2	GOM_NL__2PRFIN20070719_000430_000000392060_00030_28140_0482.N1	19-JUL-2007 00:04:30	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	28140	No
3	GOM_NL__2PRFIN20070719_002034_000000432060_00031_28141_0477.N1	19-JUL-2007 00:20:34	Dark	42.500	9	Alp Eri	0.45300	24000.	85	28141	No
4	GOM_NL__2PRFIN20070719_002352_000000372060_00031_28141_0478.N1	19-JUL-2007 00:23:52	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28141	No
5	GOM_NL__2PRFIN20070719_002801_000000432060_00031_28141_0479.N1	19-JUL-2007 00:28:01	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28141	No
6	GOM_NL__2PRFIN20070719_003147_000000392060_00031_28141_0480.N1	19-JUL-2007 00:31:47	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28141	No
7	GOM_NL__2PRFIN20070719_003944_000000382060_00031_28141_0481.N1	19-JUL-2007 00:39:44	Twilight_stray	37.500	38	20Eps Sgr	1.8360	11000.	75	28141	No
8	GOM_NL__2PRFIN20070719_004138_000000392060_00031_28141_0482.N1	19-JUL-2007 00:41:38	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	28141	No
9	GOM_NL__2PRFIN20070719_004259_000000392060_00031_28141_0483.N1	19-JUL-2007 00:42:59	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	28141	No
10	GOM_NL__2PRFIN20070719_005056_000000362060_00031_28141_0484.N1	19-JUL-2007 00:50:56	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	28141	No
11	GOM_NL__2PRFIN20070719_005314_000000362060_00031_28141_0485.N1	19-JUL-2007 00:53:14	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	28141	No
12	GOM_NL__2PRFIN20070719_010357_000000372060_00031_28141_0486.N1	19-JUL-2007 01:03:57	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28141	No
13	GOM_NL__2PRFIN20070719_010719_000000362060_00031_28141_0487.N1	19-JUL-2007 01:07:19	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	28141	No
14	GOM_NL__2PRFIN20070719_011133_000000372060_00031_28141_0488.N1	19-JUL-2007 01:11:33	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28141	No
15	GOM_NL__2PRFIN20070719_011458_000000362060_00031_28141_0489.N1	19-JUL-2007 01:14:58	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28141	No
16	GOM_NL__2PRFIN20070719_013116_000000402060_00031_28141_0490.N1	19-JUL-2007 01:31:16	Bright	40.000	114	31ot Aur	2.6930	4600.0	80	28141	No
17	GOM_NL__2PRFIN20070719_014242_000000412060_00031_28141_0491.N1	19-JUL-2007 01:42:42	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	28141	No
18	GOM_NL__2PRFIN20070719_014506_000000382060_00031_28141_0492.N1	19-JUL-2007 01:45:06	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	28141	No
19	GOM_NL__2PRFIN20070719_020110_000000452060_00032_28142_0493.N1	19-JUL-2007 02:01:10	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28142	No
20	GOM_NL__2PRFIN20070719_020428_000000372060_00032_28142_0494.N1	19-JUL-2007 02:04:28	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28142	No
21	GOM_NL__2PRFIN20070719_020837_000000402060_00032_28142_0495.N1	19-JUL-2007 02:08:37	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28142	No
22	GOM_NL__2PRFIN20070719_021223_000000432060_00032_28142_0496.N1	19-JUL-2007 02:12:23	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	28142	No
23	GOM_NL__2PRFIN20070719_022020_000000402060_00032_28142_0497.N1	19-JUL-2007 02:20:20	Twilight_stray	40.000	38	20Eps Sgr	1.8360	11000.	80	28142	No
24	GOM_NL__2PRFIN20070719_022214_000000382060_00032_28142_0498.N1	19-JUL-2007 02:22:14	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	28142	No
25	GOM_NL__2PRFIN20070719_022336_000000392060_00032_28142_0499.N1	19-JUL-2007 02:23:36	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	28142	No
26	GOM_NL__2PRFIN20070719_023132_000000352060_00032_28142_0500.N1	19-JUL-2007 02:31:32	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	28142	No
27	GOM_NL__2PRFIN20070719_023350_000000362060_00032_28142_0501.N1	19-JUL-2007 02:33:50	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	28142	No
28	GOM_NL__2PRFIN20070719_024433_000000342060_00032_28142_0502.N1	19-JUL-2007 02:44:33	Bright	33.500	69	33Gam Dra	2.2310	3800.0	67	28142	No
29	GOM_NL__2PRFIN20070719_024755_000000342060_00032_28142_0503.N1	19-JUL-2007 02:47:55	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	28142	No
30	GOM_NL__2PRFIN20070719_025209_000000372060_00032_28142_0504.N1	19-JUL-2007 02:52:09	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28142	No
31	GOM_NL__2PRFIN20070719_025534_000000362060_00032_28142_0505.N1	19-JUL-2007 02:55:34	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28142	No
32	GOM_NL__2PRFIN20070719_030802_000000372060_00032_28142_0506.N1	19-JUL-2007 03:08:02	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	28142	No
33	GOM_NL__2PRFIN20070719_031152_000000532060_00032_28142_0507.N1	19-JUL-2007 03:11:52	Bright	53.000	114	31ot Aur	2.6930	4600.0	106	28142	No
34	GOM_NL__2PRFIN20070719_032053_000000392060_00032_28142_0508.N1	19-JUL-2007 03:20:53	Dark	38.500	72	34Del Ori	2.2500	30000.	77	28142	No
35	GOM_NL__2PRFIN20070719_032318_000000422060_00032_28142_0509.N1	19-JUL-2007 03:23:18	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	28142	No
36	GOM_NL__2PRFIN20070719_032542_000000392060_00032_28142_0510.N1	19-JUL-2007 03:25:42	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	28142	No
37	GOM_NL__2PRFIN20070719_034147_000000452060_00033_28143_0505.N1	19-JUL-2007 03:41:47	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28143	No
38	GOM_NL__2PRFIN20070719_034504_000000362060_00033_28143_0506.N1	19-JUL-2007 03:45:04	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	28143	No
39	GOM_NL__2PRFIN20070719_034914_000000422060_00033_28143_0507.N1	19-JUL-2007 03:49:14	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28143	No
40	GOM_NL__2PRFIN20070719_035300_000000422060_00033_28143_0508.N1	19-JUL-2007 03:53:00	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	28143	No
41	GOM_NL__2PRFIN20070719_040056_000000402060_00033_28143_0509.N1	19-JUL-2007 04:00:56	Twilight_stray	40.000	38	20Eps Sgr	1.8360	11000.	80	28143	No
42	GOM_NL__2PRFIN20070719_040250_000000402060_00033_28143_0510.N1	19-JUL-2007 04:02:50	Bright	39.500	57	34Sig Sgr	2.0660	26000.	79	28143	No

43	GOM_NL__2PRFIN20070719_040412_000000392060_00033_28143_0511.N1	19-JUL-2007 04:04:12	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28143	No
44	GOM_NL__2PRFIN20070719_041208_000000362060_00033_28143_0512.N1	19-JUL-2007 04:12:08	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	28143	No
45	GOM_NL__2PRFIN20070719_041426_000000362060_00033_28143_0513.N1	19-JUL-2007 04:14:26	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	28143	No
46	GOM_NL__2PRFIN20070719_042509_000000372060_00033_28143_0514.N1	19-JUL-2007 04:25:09	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28143	No
47	GOM_NL__2PRFIN20070719_042831_000000332060_00033_28143_0515.N1	19-JUL-2007 04:28:31	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	28143	No
48	GOM_NL__2PRFIN20070719_043245_000000372060_00033_28143_0516.N1	19-JUL-2007 04:32:45	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28143	No
49	GOM_NL__2PRFIN20070719_043610_000000322060_00033_28143_0517.N1	19-JUL-2007 04:36:10	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	28143	No
50	GOM_NL__2PRFIN20070719_044838_000000362060_00033_28143_0518.N1	19-JUL-2007 04:48:38	Bright	36.000	6	13Alp Aur	0.080000	3400.0	72	28143	No
51	GOM_NL__2PRFIN20070719_045228_000000372060_00033_28143_0519.N1	19-JUL-2007 04:52:28	Bright	36.500	114	3lot Aur	2.6930	4600.0	73	28143	No
52	GOM_NL__2PRFIN20070719_050130_000000382060_00033_28143_0520.N1	19-JUL-2007 05:01:30	Dark	38.000	72	34Del Ori	2.2500	30000.	76	28143	No
53	GOM_NL__2PRFIN20070719_050354_000000402060_00033_28143_0521.N1	19-JUL-2007 05:03:54	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	28143	No
54	GOM_NL__2PRFIN20070719_050619_000000402060_00033_28143_0522.N1	19-JUL-2007 05:06:19	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	28143	No
55	GOM_NL__2PRFIN20070719_052223_000000432060_00034_28144_0516.N1	19-JUL-2007 05:22:23	Dark	42.500	9	Alp Eri	0.45300	24000.	85	28144	No
56	GOM_NL__2PRFIN20070719_052540_000000362060_00034_28144_0517.N1	19-JUL-2007 05:25:40	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	28144	No
57	GOM_NL__2PRFIN20070719_052950_000000412060_00034_28144_0518.N1	19-JUL-2007 05:29:50	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28144	No
58	GOM_NL__2PRFIN20070719_053336_000000402060_00034_28144_0519.N1	19-JUL-2007 05:33:36	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	28144	No
59	GOM_NL__2PRFIN20070719_054133_000000502060_00034_28144_0520.N1	19-JUL-2007 05:41:33	Twilight_and_stray	49.500	38	20Eps Sgr	1.8360	11000.	99	28144	No
60	GOM_NL__2PRFIN20070719_054326_000000382060_00034_28144_0521.N1	19-JUL-2007 05:43:26	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	28144	No
61	GOM_NL__2PRFIN20070719_054448_000000382060_00034_28144_0522.N1	19-JUL-2007 05:44:48	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28144	No
62	GOM_NL__2PRFIN20070719_055244_000000352060_00034_28144_0523.N1	19-JUL-2007 05:52:44	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	28144	No
63	GOM_NL__2PRFIN20070719_055502_000000342060_00034_28144_0524.N1	19-JUL-2007 05:55:02	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	28144	No
64	GOM_NL__2PRFIN20070719_060545_000000362060_00034_28144_0525.N1	19-JUL-2007 06:05:45	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	28144	No
65	GOM_NL__2PRFIN20070719_060908_000000372060_00034_28144_0526.N1	19-JUL-2007 06:09:08	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28144	No
66	GOM_NL__2PRFIN20070719_061322_000000362060_00034_28144_0527.N1	19-JUL-2007 06:13:22	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	28144	No
67	GOM_NL__2PRFIN20070719_061646_000000352060_00034_28144_0528.N1	19-JUL-2007 06:16:46	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28144	No
68	GOM_NL__2PRFIN20070719_062914_000000392060_00034_28144_0529.N1	19-JUL-2007 06:29:14	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	28144	No
69	GOM_NL__2PRFIN20070719_063305_000000442060_00034_28144_0530.N1	19-JUL-2007 06:33:05	Bright	43.500	114	3lot Aur	2.6930	4600.0	87	28144	No
70	GOM_NL__2PRFIN20070719_064206_000000382060_00034_28144_0531.N1	19-JUL-2007 06:42:06	Dark	37.500	72	34Del Ori	2.2500	30000.	75	28144	No
71	GOM_NL__2PRFIN20070719_064431_000000442060_00034_28144_0532.N1	19-JUL-2007 06:44:31	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	28144	No
72	GOM_NL__2PRFIN20070719_064655_000000412060_00034_28144_0533.N1	19-JUL-2007 06:46:55	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	28144	No
73	GOM_NL__2PRFIN20070719_070300_000000482060_00035_28145_0557.N1	19-JUL-2007 07:03:00	Dark	48.000	9	Alp Eri	0.45300	24000.	96	28145	No
74	GOM_NL__2PRFIN20070719_070617_000000372060_00035_28145_0558.N1	19-JUL-2007 07:06:17	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28145	No
75	GOM_NL__2PRFIN20070719_071027_000000402060_00035_28145_0559.N1	19-JUL-2007 07:10:27	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28145	No
76	GOM_NL__2PRFIN20070719_071412_000000402060_00035_28145_0560.N1	19-JUL-2007 07:14:12	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	28145	No
77	GOM_NL__2PRFIN20070719_072209_000000412060_00035_28145_0561.N1	19-JUL-2007 07:22:09	Twilight_and_stray	40.500	38	20Eps Sgr	1.8360	11000.	81	28145	No
78	GOM_NL__2PRFIN20070719_072403_000000382060_00035_28145_0562.N1	19-JUL-2007 07:24:03	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	28145	No
79	GOM_NL__2PRFIN20070719_072524_000000382060_00035_28145_0563.N1	19-JUL-2007 07:25:24	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28145	No
80	GOM_NL__2PRFIN20070719_073321_000000362060_00035_28145_0564.N1	19-JUL-2007 07:33:21	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	28145	No
81	GOM_NL__2PRFIN20070719_073538_000000372060_00035_28145_0565.N1	19-JUL-2007 07:35:38	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	28145	No
82	GOM_NL__2PRFIN20070719_074621_000000362060_00035_28145_0566.N1	19-JUL-2007 07:46:21	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	28145	No
83	GOM_NL__2PRFIN20070719_074944_000000372060_00035_28145_0567.N1	19-JUL-2007 07:49:44	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28145	No
84	GOM_NL__2PRFIN20070719_075358_000000362060_00035_28145_0568.N1	19-JUL-2007 07:53:58	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	28145	No
85	GOM_NL__2PRFIN20070719_075722_000000362060_00035_28145_0569.N1	19-JUL-2007 07:57:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28145	No
86	GOM_NL__2PRFIN20070719_080950_000000362060_00035_28145_0570.N1	19-JUL-2007 08:09:50	Bright	36.000	6	13Alp Aur	0.080000	3400.0	72	28145	No
87	GOM_NL__2PRFIN20070719_081341_000000392060_00035_28145_0571.N1	19-JUL-2007 08:13:41	Bright	38.500	114	3lot Aur	2.6930	4600.0	77	28145	No
88	GOM_NL__2PRFIN20070719_082242_000000382060_00035_28145_0572.N1	19-JUL-2007 08:22:42	Dark	38.000	72	34Del Ori	2.2500	30000.	76	28145	No
89	GOM_NL__2PRFIN20070719_082507_000000432060_00035_28145_0573.N1	19-JUL-2007 08:25:07	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	28145	No
90	GOM_NL__2PRFIN20070719_082731_000000392060_00035_28145_0574.N1	19-JUL-2007 08:27:31	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	28145	No
91	GOM_NL__2PRFIN20070719_084337_000000462060_00036_28146_0589.N1	19-JUL-2007 08:43:37	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28146	No
92	GOM_NL__2PRFIN20070719_084653_000000372060_00036_28146_0590.N1	19-JUL-2007 08:46:53	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28146	No
93	GOM_NL__2PRFIN20070719_085103_000000502060_00036_28146_0591.N1	19-JUL-2007 08:51:03	Straylight	50.000	148	Alp Tuc	2.8780	4100.0	100	28146	No
94	GOM_NL__2PRFIN20070719_085449_000000392060_00036_28146_0592.N1	19-JUL-2007 08:54:49	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28146	No
95	GOM_NL__2PRFIN20070719_090245_000000422060_00036_28146_0593.N1	19-JUL-2007 09:02:45	Twilight_and_stray	42.000	38	20Eps Sgr	1.8360	11000.	84	28146	No
96	GOM_NL__2PRFIN20070719_090439_000000402060_00036_28146_0594.N1	19-JUL-2007 09:04:39	Bright	40.000	57	34Sig Sgr	2.0660	26000.	80	28146	No
97	GOM_NL__2PRFIN20070719_090600_000000382060_00036_28146_0595.N1	19-JUL-2007 09:06:00	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28146	No
98	GOM_NL__2PRFIN20070719_091357_000000352060_00036_28146_0596.N1	19-JUL-2007 09:13:57	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	28146	No
99	GOM_NL__2PRFIN20070719_091614_000000352060_00036_28146_0597.N1	19-JUL-2007 09:16:14	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	28146	No
100	GOM_NL__2PRFIN20070719_092657_000000392060_00036_28146_0598.N1	19-JUL-2007 09:26:57	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	28146	No
101	GOM_NL__2PRFIN20070719_093020_000000362060_00036_28146_0599.N1	19-JUL-2007 09:30:20	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	28146	No

102	GOM_NL__2PRFIN20070719_093434_000000372060_00036_28146_0600.N1	19-JUL-2007 09:34:34	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	28146	No
103	GOM_NL__2PRFIN20070719_093758_000000352060_00036_28146_0601.N1	19-JUL-2007 09:37:58	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28146	No
104	GOM_NL__2PRFIN20070719_095026_000000532060_00036_28146_0602.N1	19-JUL-2007 09:50:26	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	28146	No
105	GOM_NL__2PRFIN20070719_095417_000000382060_00036_28146_0603.N1	19-JUL-2007 09:54:17	Bright	38.000	114	3lot Aur	2.6930	4600.0	76	28146	No
106	GOM_NL__2PRFIN20070719_100318_000000392060_00036_28146_0604.N1	19-JUL-2007 10:03:18	Dark	38.500	72	34Del Ori	2.2500	30000.	77	28146	No
107	GOM_NL__2PRFIN20070719_100543_000000402060_00036_28146_0605.N1	19-JUL-2007 10:05:43	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	28146	No
108	GOM_NL__2PRFIN20070719_100807_000000382060_00036_28146_0606.N1	19-JUL-2007 10:08:07	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	28146	No
109	GOM_NL__2PRFIN20070719_102413_000000452060_00037_28147_0613.N1	19-JUL-2007 10:24:13	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28147	No
110	GOM_NL__2PRFIN20070719_102729_000000372060_00037_28147_0614.N1	19-JUL-2007 10:27:29	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28147	No
111	GOM_NL__2PRFIN20070719_103140_000000422060_00037_28147_0615.N1	19-JUL-2007 10:31:40	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28147	No
112	GOM_NL__2PRFIN20070719_103525_000000412060_00037_28147_0616.N1	19-JUL-2007 10:35:25	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	28147	No
113	GOM_NL__2PRFIN20070719_104321_000000392060_00037_28147_0617.N1	19-JUL-2007 10:43:21	Tw_i_and_stray	39.000	38	20Eps Sgr	1.8360	11000.	78	28147	No
114	GOM_NL__2PRFIN20070719_104515_000000392060_00037_28147_0618.N1	19-JUL-2007 10:45:15	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	28147	No
115	GOM_NL__2PRFIN20070719_104636_000000382060_00037_28147_0619.N1	19-JUL-2007 10:46:36	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28147	No
116	GOM_NL__2PRFIN20070719_105433_000000342060_00037_28147_0620.N1	19-JUL-2007 10:54:33	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	28147	No
117	GOM_NL__2PRFIN20070719_105650_000000362060_00037_28147_0621.N1	19-JUL-2007 10:56:50	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	28147	No
118	GOM_NL__2PRFIN20070719_110733_000000382060_00037_28147_0622.N1	19-JUL-2007 11:07:33	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	28147	No
119	GOM_NL__2PRFIN20070719_111056_000000362060_00037_28147_0623.N1	19-JUL-2007 11:10:56	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	28147	No
120	GOM_NL__2PRFIN20070719_111510_000000342060_00037_28147_0624.N1	19-JUL-2007 11:15:10	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	28147	No
121	GOM_NL__2PRFIN20070719_111834_000000372060_00037_28147_0625.N1	19-JUL-2007 11:18:34	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28147	No
122	GOM_NL__2PRFIN20070719_113102_000000372060_00037_28147_0626.N1	19-JUL-2007 11:31:02	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	28147	No
123	GOM_NL__2PRFIN20070719_113453_000000382060_00037_28147_0627.N1	19-JUL-2007 11:34:53	Bright	37.500	114	3lot Aur	2.6930	4600.0	75	28147	No
124	GOM_NL__2PRFIN20070719_114354_000000352060_00037_28147_0628.N1	19-JUL-2007 11:43:54	Dark	35.000	72	34Del Ori	2.2500	30000.	70	28147	No
125	GOM_NL__2PRFIN20070719_114619_000000382060_00037_28147_0629.N1	19-JUL-2007 11:46:19	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	28147	No
126	GOM_NL__2PRFIN20070719_114843_000000372060_00037_28147_0630.N1	19-JUL-2007 11:48:43	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	28147	No
127	GOM_NL__2PRFIN20070719_120450_000000452060_00038_28148_0635.N1	19-JUL-2007 12:04:50	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28148	No
128	GOM_NL__2PRFIN20070719_120805_000000372060_00038_28148_0636.N1	19-JUL-2007 12:08:05	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28148	No
129	GOM_NL__2PRFIN20070719_121216_000000432060_00038_28148_0637.N1	19-JUL-2007 12:12:16	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28148	No
130	GOM_NL__2PRFIN20070719_121601_000000382060_00038_28148_0638.N1	19-JUL-2007 12:16:01	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28148	No
131	GOM_NL__2PRFIN20070719_122357_000000412060_00038_28148_0639.N1	19-JUL-2007 12:23:57	Tw_i_and_stray	41.000	38	20Eps Sgr	1.8360	11000.	82	28148	No
132	GOM_NL__2PRFIN20070719_122551_000000532060_00038_28148_0640.N1	19-JUL-2007 12:25:51	Bright	53.000	57	34Sig Sgr	2.0660	26000.	106	28148	No
133	GOM_NL__2PRFIN20070719_122712_000000382060_00038_28148_0641.N1	19-JUL-2007 12:27:12	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28148	No
134	GOM_NL__2PRFIN20070719_123509_000000352060_00038_28148_0642.N1	19-JUL-2007 12:35:09	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	28148	No
135	GOM_NL__2PRFIN20070719_123727_000000362060_00038_28148_0643.N1	19-JUL-2007 12:37:27	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	28148	No
136	GOM_NL__2PRFIN20070719_124809_000000382060_00038_28148_0644.N1	19-JUL-2007 12:48:09	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	28148	No
137	GOM_NL__2PRFIN20070719_125132_000000362060_00038_28148_0645.N1	19-JUL-2007 12:51:32	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	28148	No
138	GOM_NL__2PRFIN20070719_125546_000000362060_00038_28148_0646.N1	19-JUL-2007 12:55:46	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	28148	No
139	GOM_NL__2PRFIN20070719_125909_000000362060_00038_28148_0647.N1	19-JUL-2007 12:59:09	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28148	No
140	GOM_NL__2PRFIN20070719_131138_000000382060_00038_28148_0648.N1	19-JUL-2007 13:11:38	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28148	No
141	GOM_NL__2PRFIN20070719_131529_000000362060_00038_28148_0649.N1	19-JUL-2007 13:15:29	Bright	36.000	114	3lot Aur	2.6930	4600.0	72	28148	No
142	GOM_NL__2PRFIN20070719_132430_000000362060_00038_28148_0650.N1	19-JUL-2007 13:24:30	Dark	36.000	72	34Del Ori	2.2500	30000.	72	28148	No
143	GOM_NL__2PRFIN20070719_132655_000000362060_00038_28148_0651.N1	19-JUL-2007 13:26:55	Dark	35.500	7	19Bet Ori	0.10000	14000.	71	28148	No
144	GOM_NL__2PRFIN20070719_132919_000000342060_00038_28148_0652.N1	19-JUL-2007 13:29:19	Dark	34.000	101	11Alp Lep	2.5820	7000.0	68	28148	No
145	GOM_NL__2PRFIN20070719_134526_000000422060_00039_28149_0646.N1	19-JUL-2007 13:45:26	Dark	41.500	9	Alp Eri	0.45300	24000.	83	28149	No
146	GOM_NL__2PRFIN20070719_134841_000000372060_00039_28149_0647.N1	19-JUL-2007 13:48:41	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28149	No
147	GOM_NL__2PRFIN20070719_135252_000000412060_00039_28149_0648.N1	19-JUL-2007 13:52:52	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28149	No
148	GOM_NL__2PRFIN20070719_135637_000000392060_00039_28149_0649.N1	19-JUL-2007 13:56:37	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28149	No
149	GOM_NL__2PRFIN20070719_140433_000000382060_00039_28149_0650.N1	19-JUL-2007 14:04:33	Tw_i_and_stray	37.500	38	20Eps Sgr	1.8360	11000.	75	28149	No
150	GOM_NL__2PRFIN20070719_140627_000000392060_00039_28149_0651.N1	19-JUL-2007 14:06:27	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	28149	No
151	GOM_NL__2PRFIN20070719_140748_000000392060_00039_28149_0652.N1	19-JUL-2007 14:07:48	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28149	No
152	GOM_NL__2PRFIN20070719_141545_000000352060_00039_28149_0653.N1	19-JUL-2007 14:15:45	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	28149	No
153	GOM_NL__2PRFIN20070719_141803_000000352060_00039_28149_0654.N1	19-JUL-2007 14:18:03	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	28149	No
154	GOM_NL__2PRFIN20070719_142845_000000362060_00039_28149_0655.N1	19-JUL-2007 14:28:45	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	28149	No
155	GOM_NL__2PRFIN20070719_143208_000000332060_00039_28149_0656.N1	19-JUL-2007 14:32:08	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	28149	No
156	GOM_NL__2PRFIN20070719_143622_000000332060_00039_28149_0657.N1	19-JUL-2007 14:36:22	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28149	No
157	GOM_NL__2PRFIN20070719_143945_000000362060_00039_28149_0658.N1	19-JUL-2007 14:39:45	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28149	No
158	GOM_NL__2PRFIN20070719_145214_000000372060_00039_28149_0659.N1	19-JUL-2007 14:52:14	Bright	36.500	6	13Alp Aur	0.080000	3400.0	73	28149	No
159	GOM_NL__2PRFIN20070719_145605_000000372060_00039_28149_0660.N1	19-JUL-2007 14:56:05	Bright	37.000	114	3lot Aur	2.6930	4600.0	74	28149	No
160	GOM_NL__2PRFIN20070719_150506_000000342060_00039_28149_0661.N1	19-JUL-2007 15:05:06	Dark	33.500	72	34Del Ori	2.2500	30000.	67	28149	No



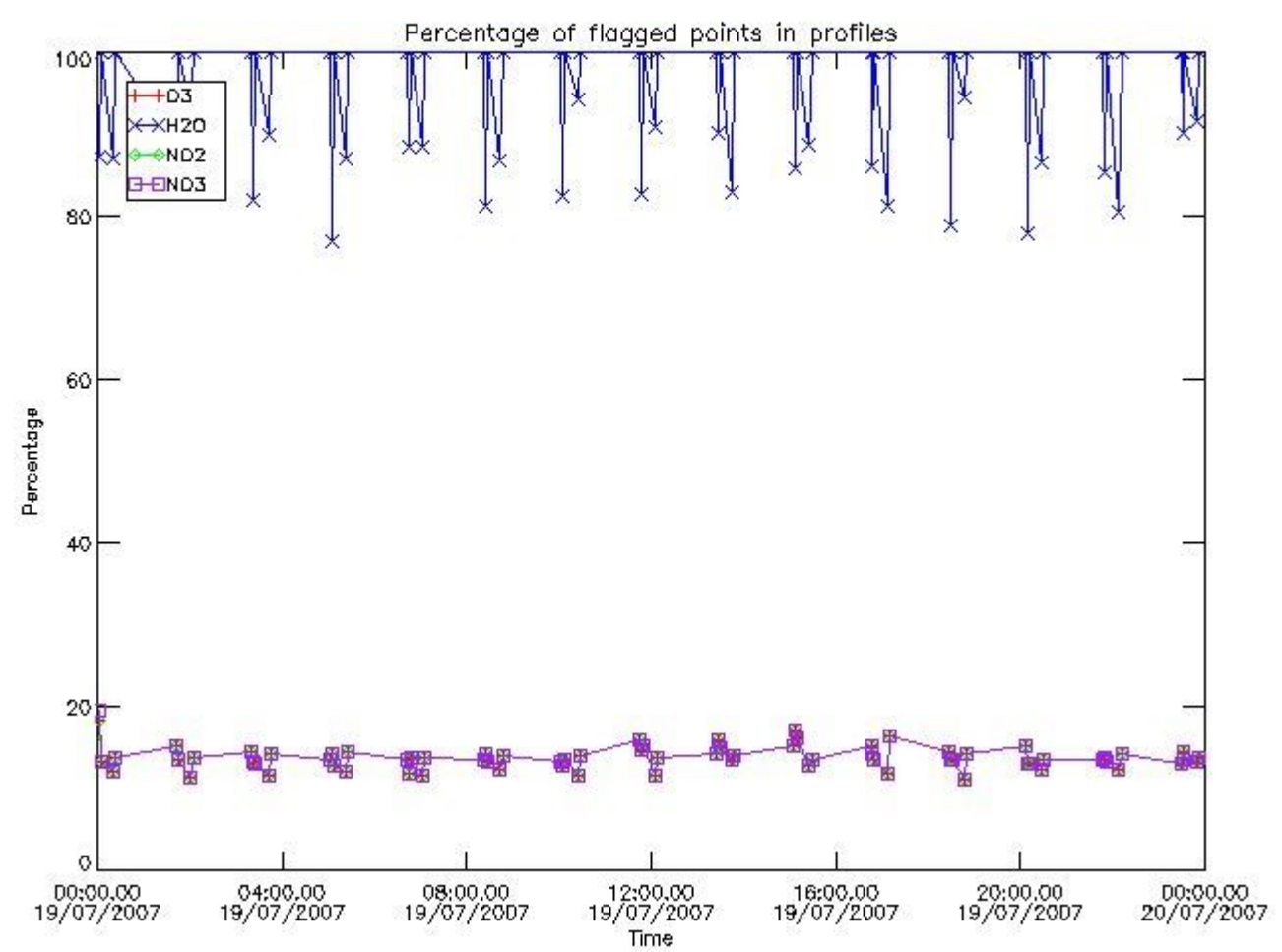
161	GOM_NL__2PRFIN20070719_150731_000000362060_00039_28149_0662.N1	19-JUL-2007 15:07:31	Dark	35.500	7	19Bet Ori	0.10000	14000.	71	28149	No
162	GOM_NL__2PRFIN20070719_150955_000000352060_00039_28149_0663.N1	19-JUL-2007 15:09:55	Dark	34.500	101	11Alp Lep	2.5820	7000.0	69	28149	No
163	GOM_NL__2PRFIN20070719_152603_000000402060_00040_28150_0679.N1	19-JUL-2007 15:26:03	Dark	40.000	9	Alp Eri	0.45300	24000.	80	28150	No
164	GOM_NL__2PRFIN20070719_152917_000000382060_00040_28150_0680.N1	19-JUL-2007 15:29:17	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	28150	No
165	GOM_NL__2PRFIN20070719_153329_000000422060_00040_28150_0681.N1	19-JUL-2007 15:33:29	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28150	No
166	GOM_NL__2PRFIN20070719_153713_000000392060_00040_28150_0682.N1	19-JUL-2007 15:37:13	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28150	No
167	GOM_NL__2PRFIN20070719_154509_000000412060_00040_28150_0683.N1	19-JUL-2007 15:45:09	Twi_and_stray	41.000	38	20Eps Sgr	1.8360	11000.	82	28150	No
168	GOM_NL__2PRFIN20070719_154703_000000392060_00040_28150_0684.N1	19-JUL-2007 15:47:03	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	28150	No
169	GOM_NL__2PRFIN20070719_154824_000000392060_00040_28150_0685.N1	19-JUL-2007 15:48:24	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28150	No
170	GOM_NL__2PRFIN20070719_155621_000000352060_00040_28150_0686.N1	19-JUL-2007 15:56:21	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	28150	No
171	GOM_NL__2PRFIN20070719_155839_000000362060_00040_28150_0687.N1	19-JUL-2007 15:58:39	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	28150	No
172	GOM_NL__2PRFIN20070719_160920_000000372060_00040_28150_0688.N1	19-JUL-2007 16:09:20	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28150	No
173	GOM_NL__2PRFIN20070719_161244_000000362060_00040_28150_0689.N1	19-JUL-2007 16:12:44	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28150	No
174	GOM_NL__2PRFIN20070719_161658_000000342060_00040_28150_0690.N1	19-JUL-2007 16:16:58	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	28150	No
175	GOM_NL__2PRFIN20070719_162021_000000362060_00040_28150_0691.N1	19-JUL-2007 16:20:21	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28150	No
176	GOM_NL__2PRFIN20070719_163250_000000372060_00040_28150_0692.N1	19-JUL-2007 16:32:50	Bright	36.500	6	13Alp Aur	0.080000	3400.0	73	28150	No
177	GOM_NL__2PRFIN20070719_163641_000000382060_00040_28150_0693.N1	19-JUL-2007 16:36:41	Bright	38.000	114	3lot Aur	2.6930	4600.0	76	28150	No
178	GOM_NL__2PRFIN20070719_164554_000000342060_00040_28150_0694.N1	19-JUL-2007 16:45:54	Dark	33.500	30	46Eps Ori	1.6940	30000.	67	28150	No
179	GOM_NL__2PRFIN20070719_164808_000000362060_00040_28150_0695.N1	19-JUL-2007 16:48:08	Dark	36.000	7	19Bet Ori	0.10000	14000.	72	28150	No
180	GOM_NL__2PRFIN20070719_165031_000000382060_00040_28150_0696.N1	19-JUL-2007 16:50:31	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	28150	No
181	GOM_NL__2PRFIN20070719_170639_000000432060_00041_28151_0693.N1	19-JUL-2007 17:06:39	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28151	No
182	GOM_NL__2PRFIN20070719_170954_000000382060_00041_28151_0694.N1	19-JUL-2007 17:09:54	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28151	No
183	GOM_NL__2PRFIN20070719_171405_000000412060_00041_28151_0695.N1	19-JUL-2007 17:14:05	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28151	No
184	GOM_NL__2PRFIN20070719_171750_000000402060_00041_28151_0696.N1	19-JUL-2007 17:17:50	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	28151	No
185	GOM_NL__2PRFIN20070719_172545_000000442060_00041_28151_0697.N1	19-JUL-2007 17:25:45	Twi_and_stray	44.000	38	20Eps Sgr	1.8360	11000.	88	28151	No
186	GOM_NL__2PRFIN20070719_172739_000000392060_00041_28151_0698.N1	19-JUL-2007 17:27:39	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	28151	No
187	GOM_NL__2PRFIN20070719_172901_000000392060_00041_28151_0699.N1	19-JUL-2007 17:29:01	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28151	No
188	GOM_NL__2PRFIN20070719_173657_000000352060_00041_28151_0700.N1	19-JUL-2007 17:36:57	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	28151	No
189	GOM_NL__2PRFIN20070719_173915_000000372060_00041_28151_0701.N1	19-JUL-2007 17:39:15	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	28151	No
190	GOM_NL__2PRFIN20070719_174956_000000382060_00041_28151_0702.N1	19-JUL-2007 17:49:56	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	28151	No
191	GOM_NL__2PRFIN20070719_175320_000000352060_00041_28151_0703.N1	19-JUL-2007 17:53:20	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	28151	No
192	GOM_NL__2PRFIN20070719_175735_000000332060_00041_28151_0704.N1	19-JUL-2007 17:57:35	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	28151	No
193	GOM_NL__2PRFIN20070719_180057_000000372060_00041_28151_0705.N1	19-JUL-2007 18:00:57	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28151	No
194	GOM_NL__2PRFIN20070719_181326_000000402060_00041_28151_0706.N1	19-JUL-2007 18:13:26	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	28151	No
195	GOM_NL__2PRFIN20070719_181717_000000392060_00041_28151_0707.N1	19-JUL-2007 18:17:17	Bright	38.500	114	3lot Aur	2.6930	4600.0	77	28151	No
196	GOM_NL__2PRFIN20070719_182630_000000362060_00041_28151_0708.N1	19-JUL-2007 18:26:30	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	28151	No
197	GOM_NL__2PRFIN20070719_182844_000000382060_00041_28151_0709.N1	19-JUL-2007 18:28:44	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	28151	No
198	GOM_NL__2PRFIN20070719_183108_000000382060_00041_28151_0710.N1	19-JUL-2007 18:31:08	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	28151	No
199	GOM_NL__2PRFIN20070719_184716_000000462060_00042_28152_0710.N1	19-JUL-2007 18:47:16	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28152	No
200	GOM_NL__2PRFIN20070719_185030_000000362060_00042_28152_0711.N1	19-JUL-2007 18:50:30	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	28152	No
201	GOM_NL__2PRFIN20070719_185442_000000452060_00042_28152_0712.N1	19-JUL-2007 18:54:42	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	28152	No
202	GOM_NL__2PRFIN20070719_185826_000000452060_00042_28152_0713.N1	19-JUL-2007 18:58:26	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	28152	No
203	GOM_NL__2PRFIN20070719_190621_000000402060_00042_28152_0714.N1	19-JUL-2007 19:06:21	Twi_and_stray	39.500	38	20Eps Sgr	1.8360	11000.	79	28152	No
204	GOM_NL__2PRFIN20070719_190815_000000532060_00042_28152_0715.N1	19-JUL-2007 19:08:15	Bright	52.500	57	34Sig Sgr	2.0660	26000.	105	28152	No
205	GOM_NL__2PRFIN20070719_190937_000000392060_00042_28152_0716.N1	19-JUL-2007 19:09:37	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28152	No
206	GOM_NL__2PRFIN20070719_191733_000000372060_00042_28152_0717.N1	19-JUL-2007 19:17:33	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	28152	No
207	GOM_NL__2PRFIN20070719_191951_000000372060_00042_28152_0718.N1	19-JUL-2007 19:19:51	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	28152	No
208	GOM_NL__2PRFIN20070719_193032_000000352060_00042_28152_0719.N1	19-JUL-2007 19:30:32	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	28152	No
209	GOM_NL__2PRFIN20070719_193357_000000362060_00042_28152_0720.N1	19-JUL-2007 19:33:57	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28152	No
210	GOM_NL__2PRFIN20070719_193811_000000332060_00042_28152_0721.N1	19-JUL-2007 19:38:11	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28152	No
211	GOM_NL__2PRFIN20070719_194133_000000352060_00042_28152_0722.N1	19-JUL-2007 19:41:33	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28152	No
212	GOM_NL__2PRFIN20070719_195402_000000372060_00042_28152_0723.N1	19-JUL-2007 19:54:02	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	28152	No
213	GOM_NL__2PRFIN20070719_195753_000000372060_00042_28152_0724.N1	19-JUL-2007 19:57:53	Bright	37.000	114	3lot Aur	2.6930	4600.0	74	28152	No
214	GOM_NL__2PRFIN20070719_200707_000000372060_00042_28152_0725.N1	19-JUL-2007 20:07:07	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	28152	No
215	GOM_NL__2PRFIN20070719_200920_000000392060_00042_28152_0726.N1	19-JUL-2007 20:09:20	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	28152	No
216	GOM_NL__2PRFIN20070719_201144_000000392060_00042_28152_0727.N1	19-JUL-2007 20:11:44	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	28152	No
217	GOM_NL__2PRFIN20070719_202753_000000422060_00043_28153_0725.N1	19-JUL-2007 20:27:53	Dark	41.500	9	Alp Eri	0.45300	24000.	83	28153	No
218	GOM_NL__2PRFIN20070719_203106_000000382060_00043_28153_0726.N1	19-JUL-2007 20:31:06	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	28153	No
219	GOM_NL__2PRFIN20070719_203518_000000402060_00043_28153_0727.N1	19-JUL-2007 20:35:18	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28153	No

220	GOM_NL__2PRFIN20070719_203902_000000382060_00043_28153_0728.N1	19-JUL-2007 20:39:02	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28153	No
221	GOM_NL__2PRFIN20070719_204658_000000412060_00043_28153_0729.N1	19-JUL-2007 20:46:58	Twilight_stray	41.000	38	20Eps Sgr	1.8360	11000.	82	28153	No
222	GOM_NL__2PRFIN20070719_204852_000000402060_00043_28153_0730.N1	19-JUL-2007 20:48:52	Bright	40.000	57	34Sig Sgr	2.0660	26000.	80	28153	No
223	GOM_NL__2PRFIN20070719_205013_000000392060_00043_28153_0731.N1	19-JUL-2007 20:50:13	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28153	No
224	GOM_NL__2PRFIN20070719_205809_000000372060_00043_28153_0732.N1	19-JUL-2007 20:58:09	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	28153	No
225	GOM_NL__2PRFIN20070719_210027_000000372060_00043_28153_0733.N1	19-JUL-2007 21:00:27	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	28153	No
226	GOM_NL__2PRFIN20070719_211108_000000382060_00043_28153_0734.N1	19-JUL-2007 21:11:08	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	28153	No
227	GOM_NL__2PRFIN20070719_211433_000000372060_00043_28153_0735.N1	19-JUL-2007 21:14:33	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28153	No
228	GOM_NL__2PRFIN20070719_211847_000000372060_00043_28153_0736.N1	19-JUL-2007 21:18:47	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28153	No
229	GOM_NL__2PRFIN20070719_212209_000000362060_00043_28153_0737.N1	19-JUL-2007 21:22:09	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28153	No
230	GOM_NL__2PRFIN20070719_213438_000000532060_00043_28153_0738.N1	19-JUL-2007 21:34:38	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	28153	No
231	GOM_NL__2PRFIN20070719_213829_000000392060_00043_28153_0739.N1	19-JUL-2007 21:38:29	Bright	39.000	114	3lot Aur	2.6930	4600.0	78	28153	No
232	GOM_NL__2PRFIN20070719_214743_000000382060_00043_28153_0740.N1	19-JUL-2007 21:47:43	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	28153	No
233	GOM_NL__2PRFIN20070719_214956_000000412060_00043_28153_0741.N1	19-JUL-2007 21:49:56	Dark	41.000	7	19Bet Ori	0.10000	14000.	82	28153	No
234	GOM_NL__2PRFIN20070719_215220_000000392060_00043_28153_0742.N1	19-JUL-2007 21:52:20	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	28153	No
235	GOM_NL__2PRFIN20070719_220829_000000422060_00044_28154_0737.N1	19-JUL-2007 22:08:29	Dark	41.500	9	Alp Eri	0.45300	24000.	83	28154	No
236	GOM_NL__2PRFIN20070719_221142_000000362060_00044_28154_0738.N1	19-JUL-2007 22:11:42	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	28154	No
237	GOM_NL__2PRFIN20070719_221555_000000412060_00044_28154_0739.N1	19-JUL-2007 22:15:55	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28154	No
238	GOM_NL__2PRFIN20070719_221939_000000382060_00044_28154_0740.N1	19-JUL-2007 22:19:39	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28154	No
239	GOM_NL__2PRFIN20070719_222734_000000402060_00044_28154_0741.N1	19-JUL-2007 22:27:34	Twilight_stray	39.500	38	20Eps Sgr	1.8360	11000.	79	28154	No
240	GOM_NL__2PRFIN20070719_222928_000000382060_00044_28154_0742.N1	19-JUL-2007 22:29:28	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	28154	No
241	GOM_NL__2PRFIN20070719_223049_000000392060_00044_28154_0743.N1	19-JUL-2007 22:30:49	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28154	No
242	GOM_NL__2PRFIN20070719_223846_000000362060_00044_28154_0744.N1	19-JUL-2007 22:38:46	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	28154	No
243	GOM_NL__2PRFIN20070719_224103_000000362060_00044_28154_0745.N1	19-JUL-2007 22:41:03	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	28154	No
244	GOM_NL__2PRFIN20070719_225144_000000342060_00044_28154_0746.N1	19-JUL-2007 22:51:44	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	28154	No
245	GOM_NL__2PRFIN20070719_225509_000000372060_00044_28154_0747.N1	19-JUL-2007 22:55:09	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28154	No
246	GOM_NL__2PRFIN20070719_225923_000000372060_00044_28154_0748.N1	19-JUL-2007 22:59:23	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	28154	No
247	GOM_NL__2PRFIN20070719_230245_000000372060_00044_28154_0749.N1	19-JUL-2007 23:02:45	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28154	No
248	GOM_NL__2PRFIN20070719_231514_000000372060_00044_28154_0750.N1	19-JUL-2007 23:15:14	Bright	36.500	6	13Alp Aur	0.080000	3400.0	73	28154	No
249	GOM_NL__2PRFIN20070719_231905_000000382060_00044_28154_0751.N1	19-JUL-2007 23:19:05	Bright	38.000	114	3lot Aur	2.6930	4600.0	76	28154	No
250	GOM_NL__2PRFIN20070719_232819_000000392060_00044_28154_0752.N1	19-JUL-2007 23:28:19	Dark	39.000	30	46Eps Ori	1.6940	30000.	78	28154	No
251	GOM_NL__2PRFIN20070719_233032_000000362060_00044_28154_0753.N1	19-JUL-2007 23:30:32	Dark	35.500	7	19Bet Ori	0.10000	14000.	71	28154	No
252	GOM_NL__2PRFIN20070719_233256_000000382060_00044_28154_0754.N1	19-JUL-2007 23:32:56	Dark	38.000	101	11Alp Lep	2.5820	7000.0	76	28154	No
253	GOM_NL__2PRFIN20070719_234906_000000422060_00045_28155_0759.N1	19-JUL-2007 23:49:06	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28155	No
254	GOM_NL__2PRFIN20070719_235218_000000372060_00045_28155_0760.N1	19-JUL-2007 23:52:18	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28155	No
255	GOM_NL__2PRFIN20070719_235631_000000422060_00045_28155_0761.N1	19-JUL-2007 23:56:31	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	28155	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.

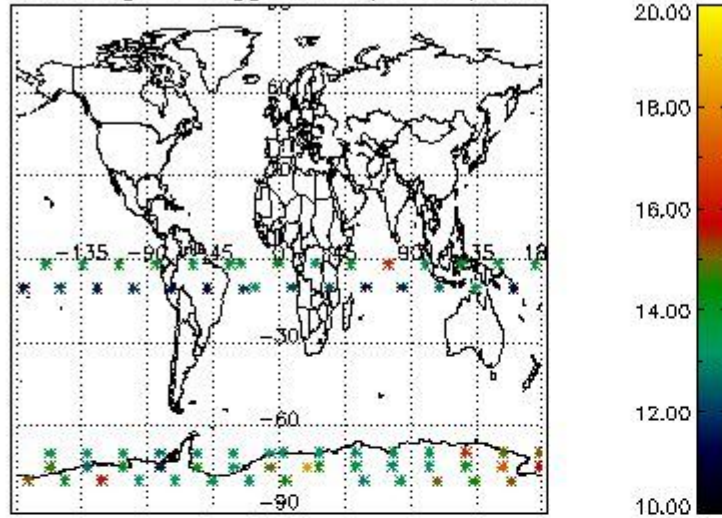
#### 3.1 Plot quality information per product (time dependant)



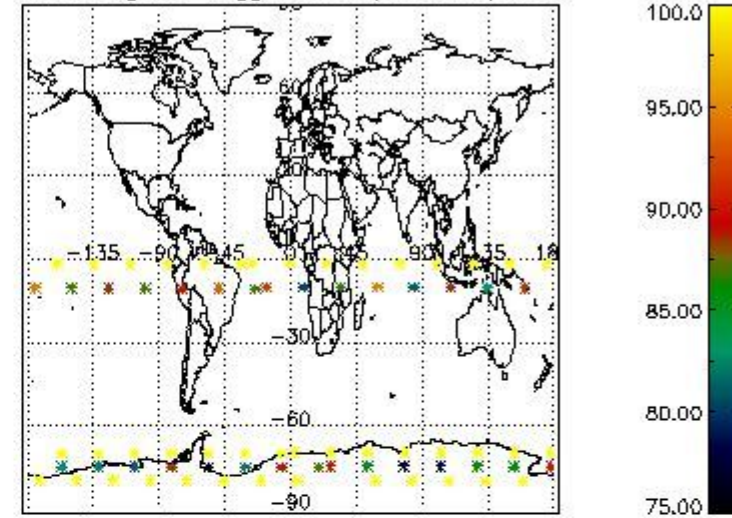
3.2 Plot quality information per product (world map)



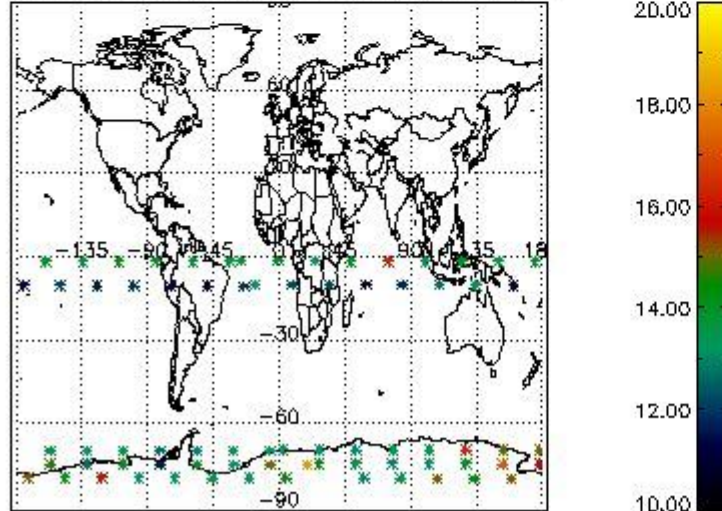
Percentage of flagged data per O3 profile



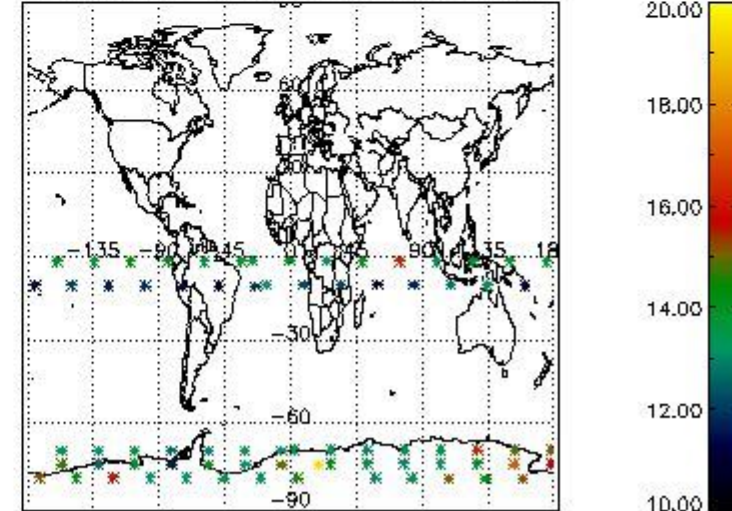
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



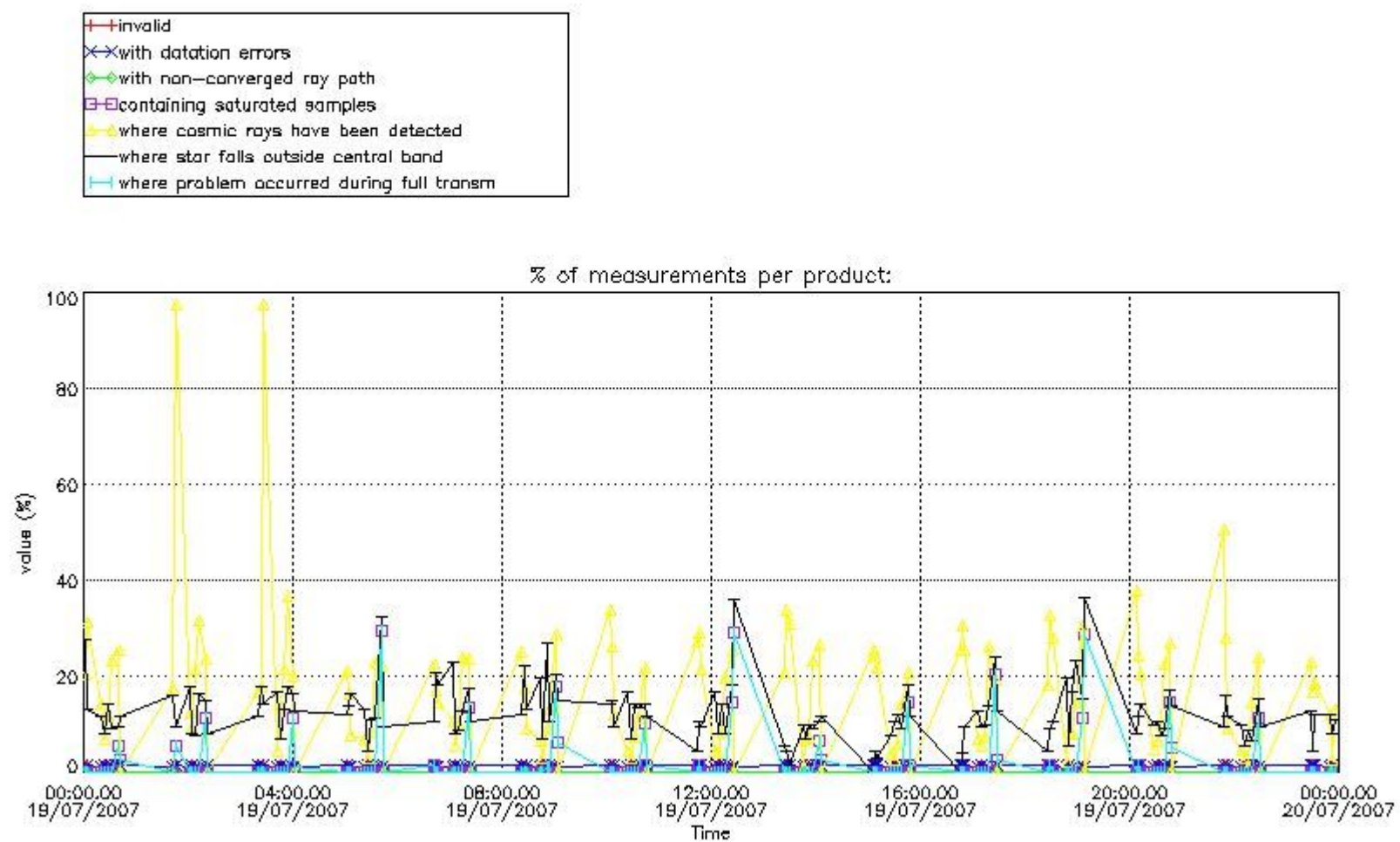
#### 4. Level 1 quality information per product

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.

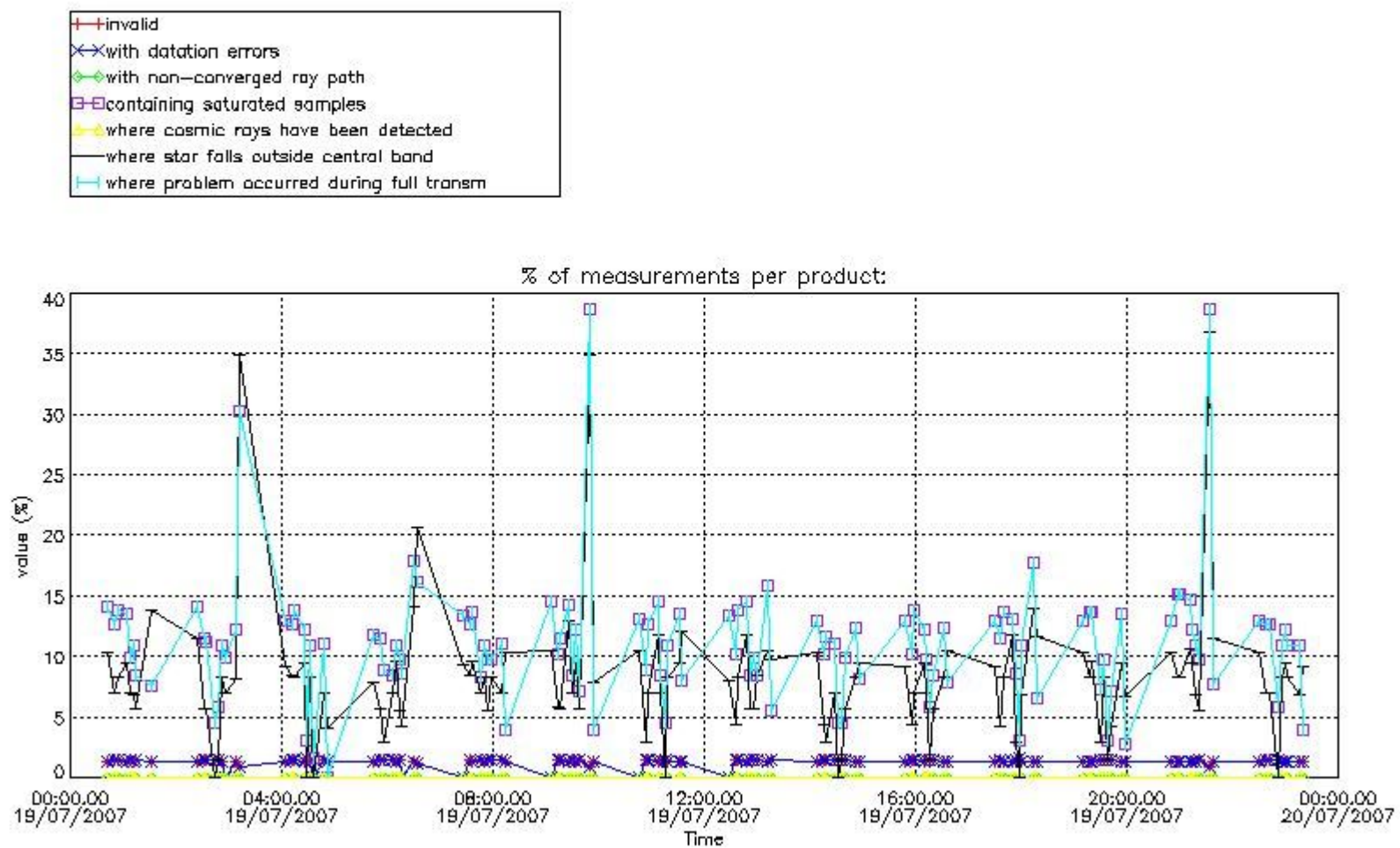
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





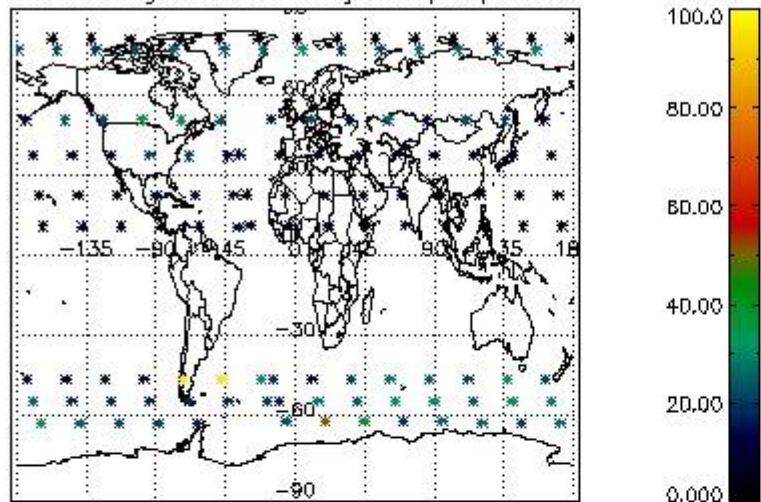
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



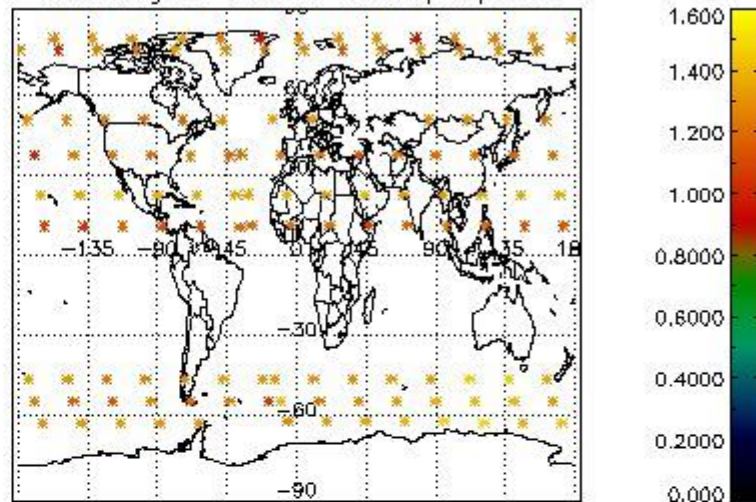
4.2 Plot quality information per product coming from level 1b processing (world map)

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

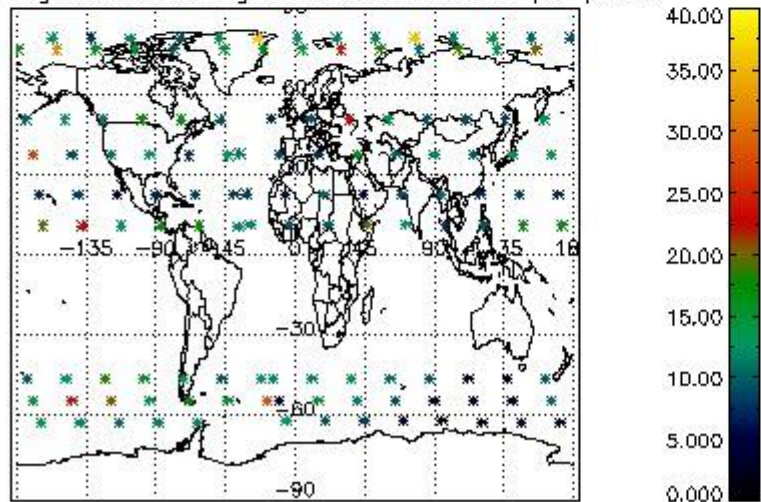
Percentage of cosmic ray hits per profile



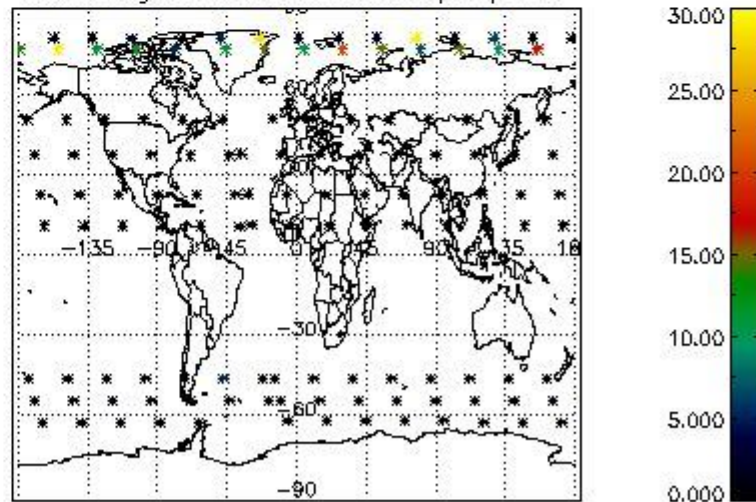
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

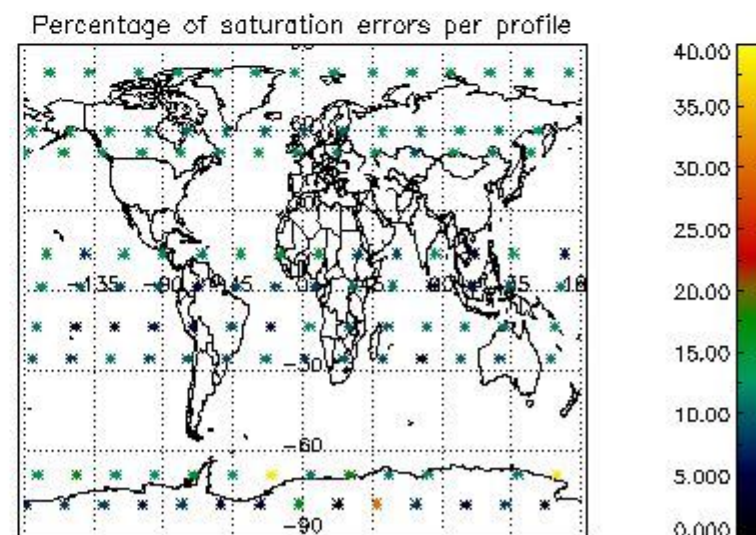
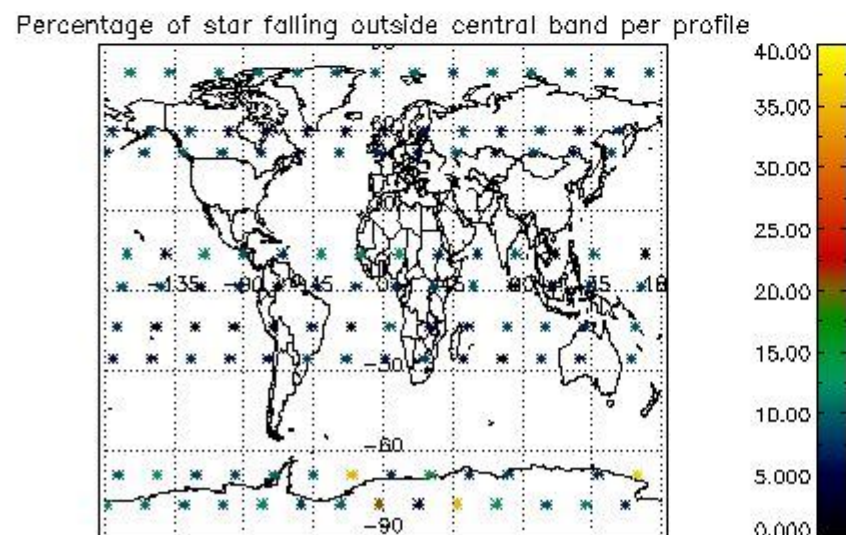
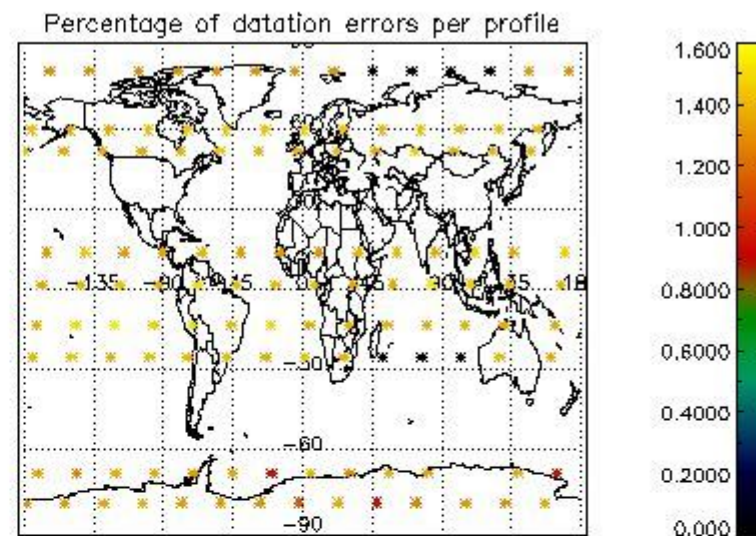
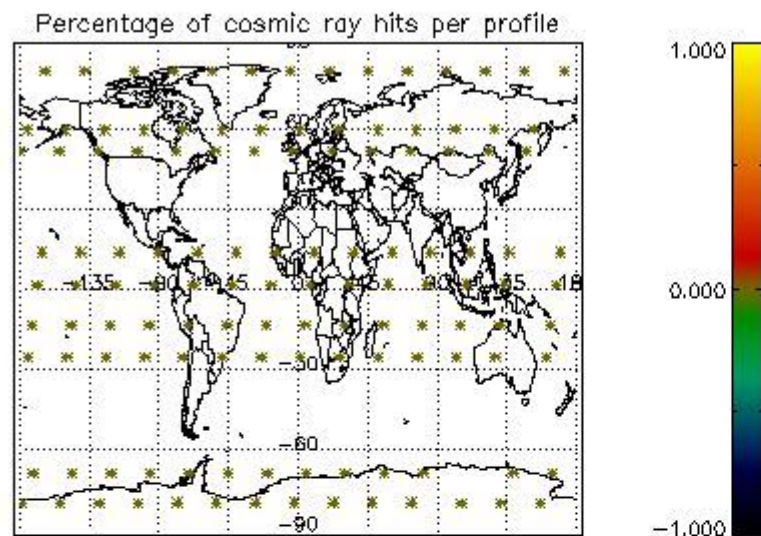


Percentage of saturation errors per profile



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.

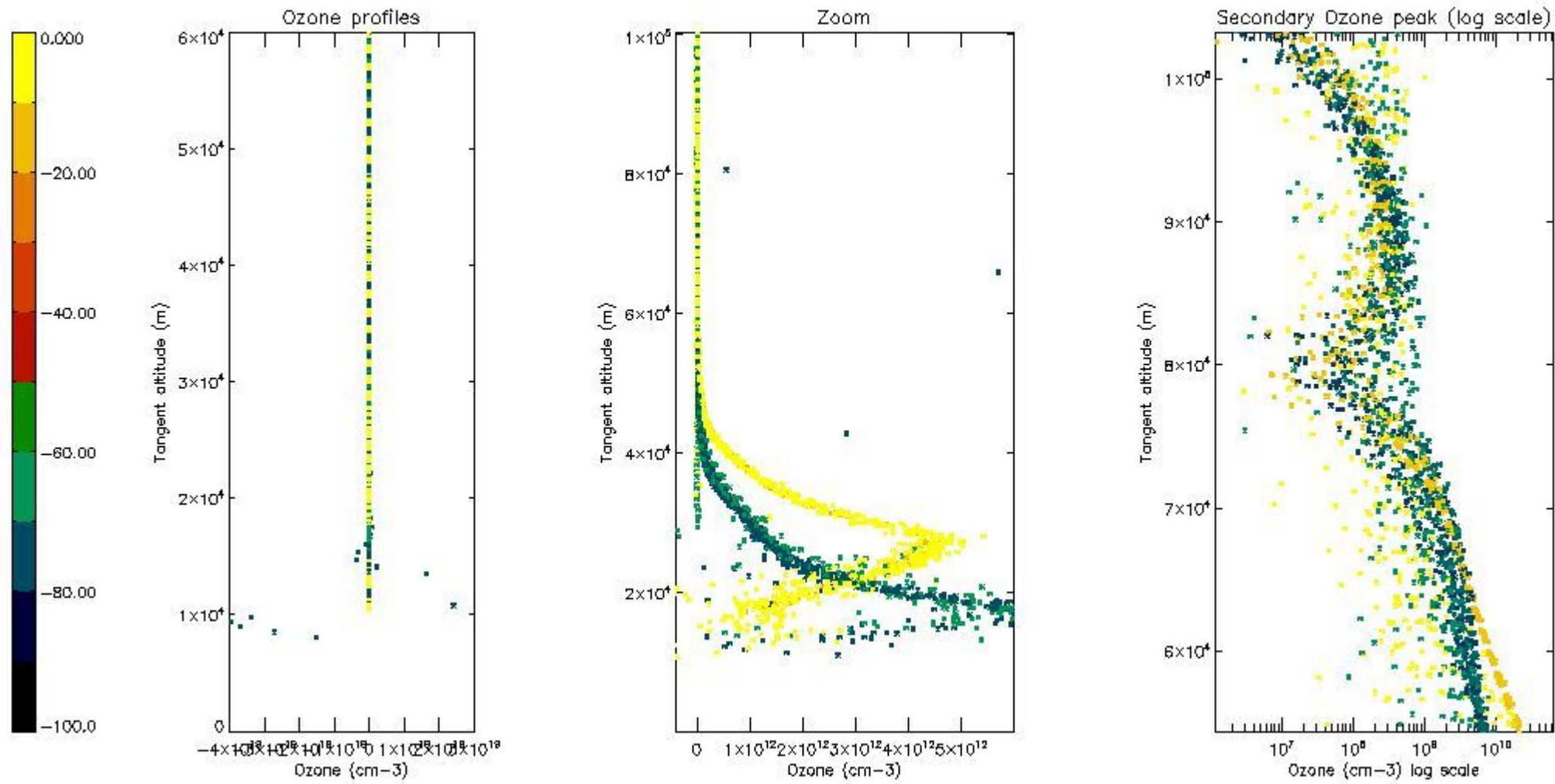
Criteria	% of total production
All STD	30
STD < 20	17



STD < 10	14
STD < 5	10

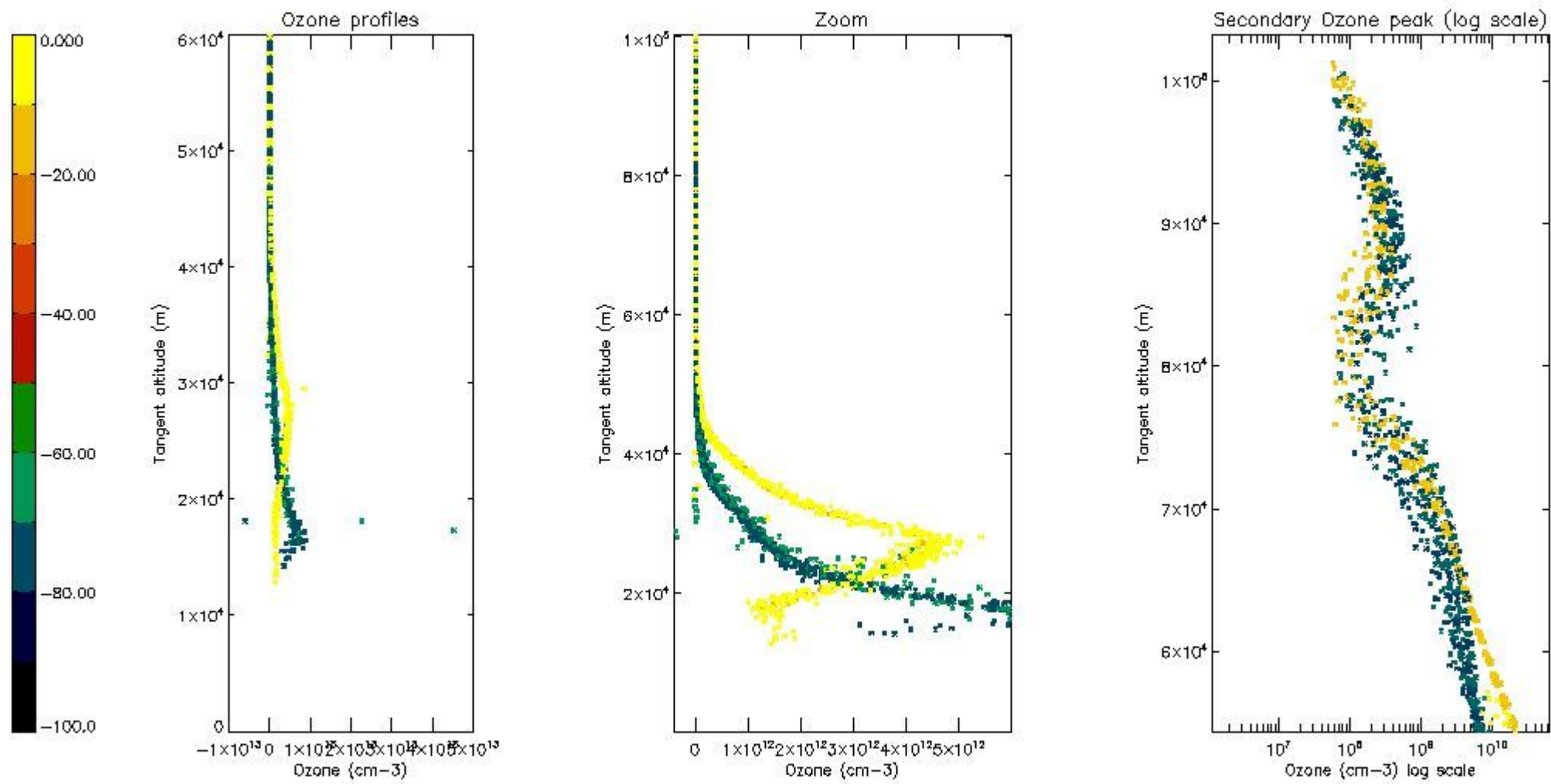
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



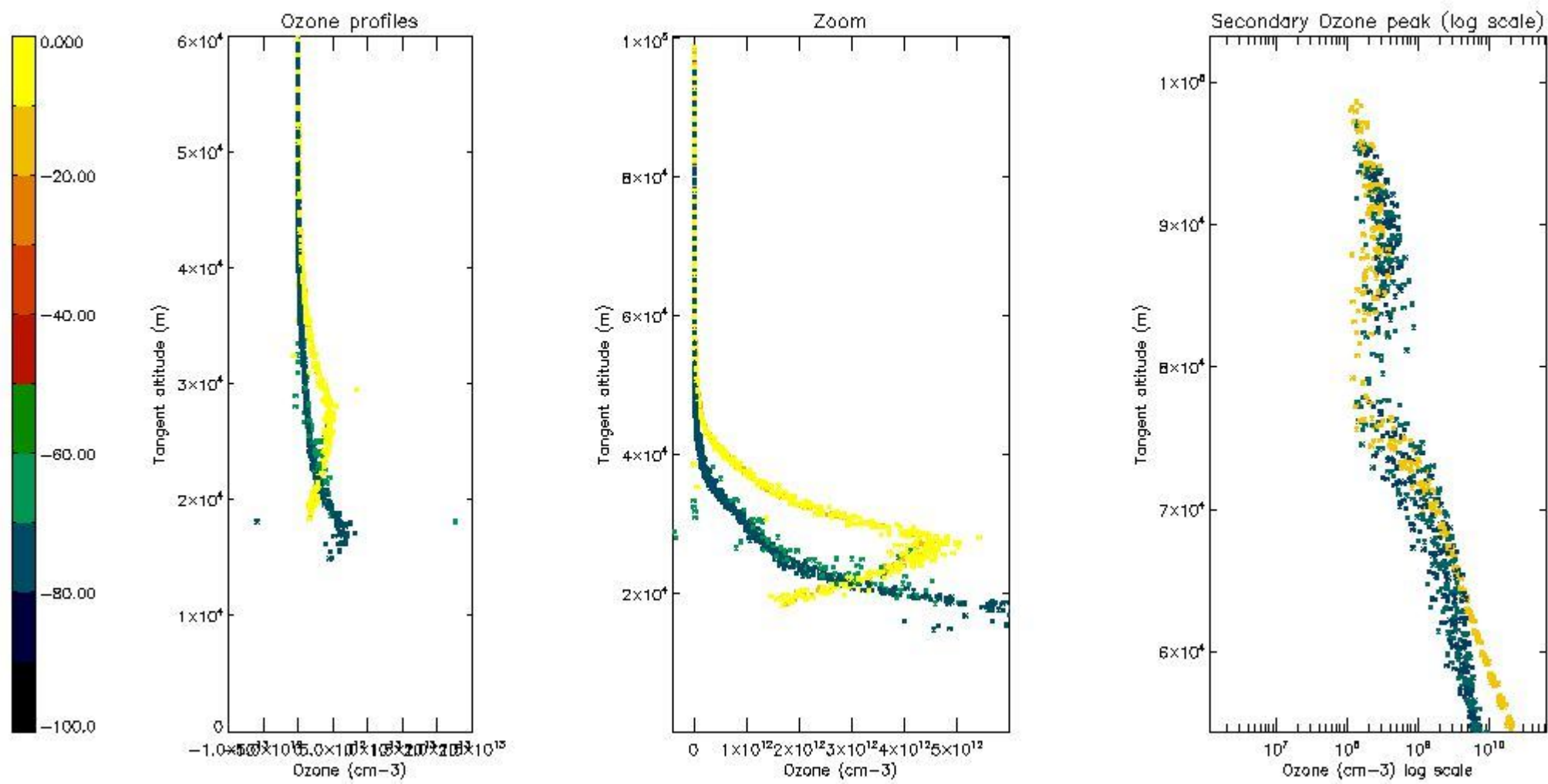
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



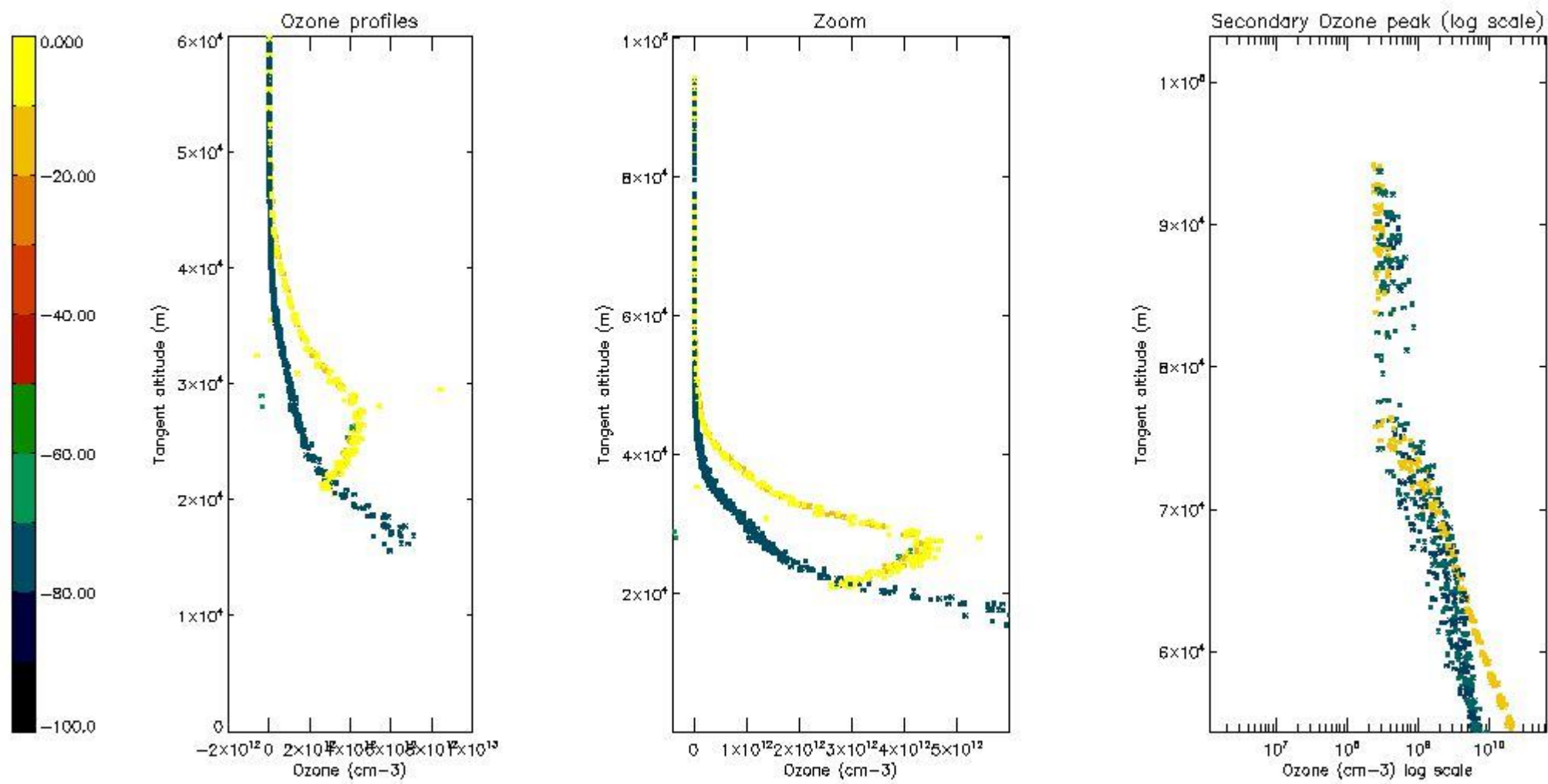
5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)

The colorbar represents the latitude.



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

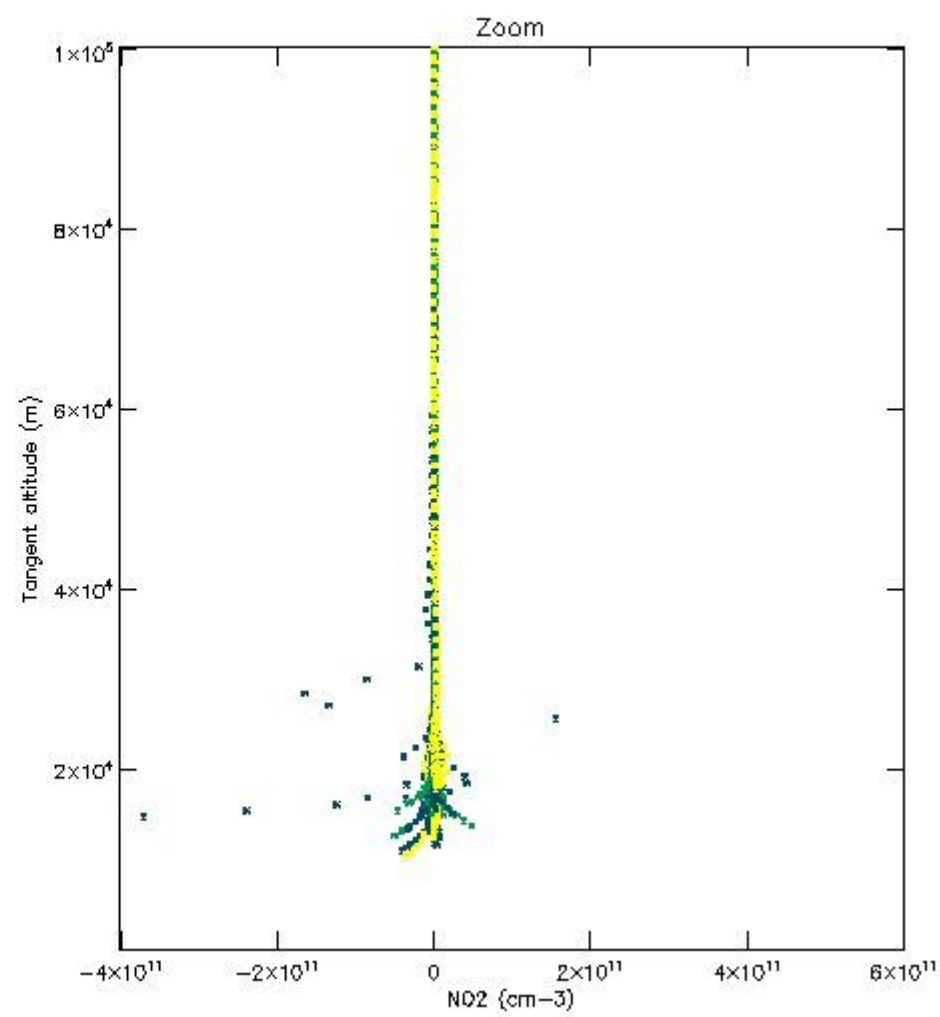
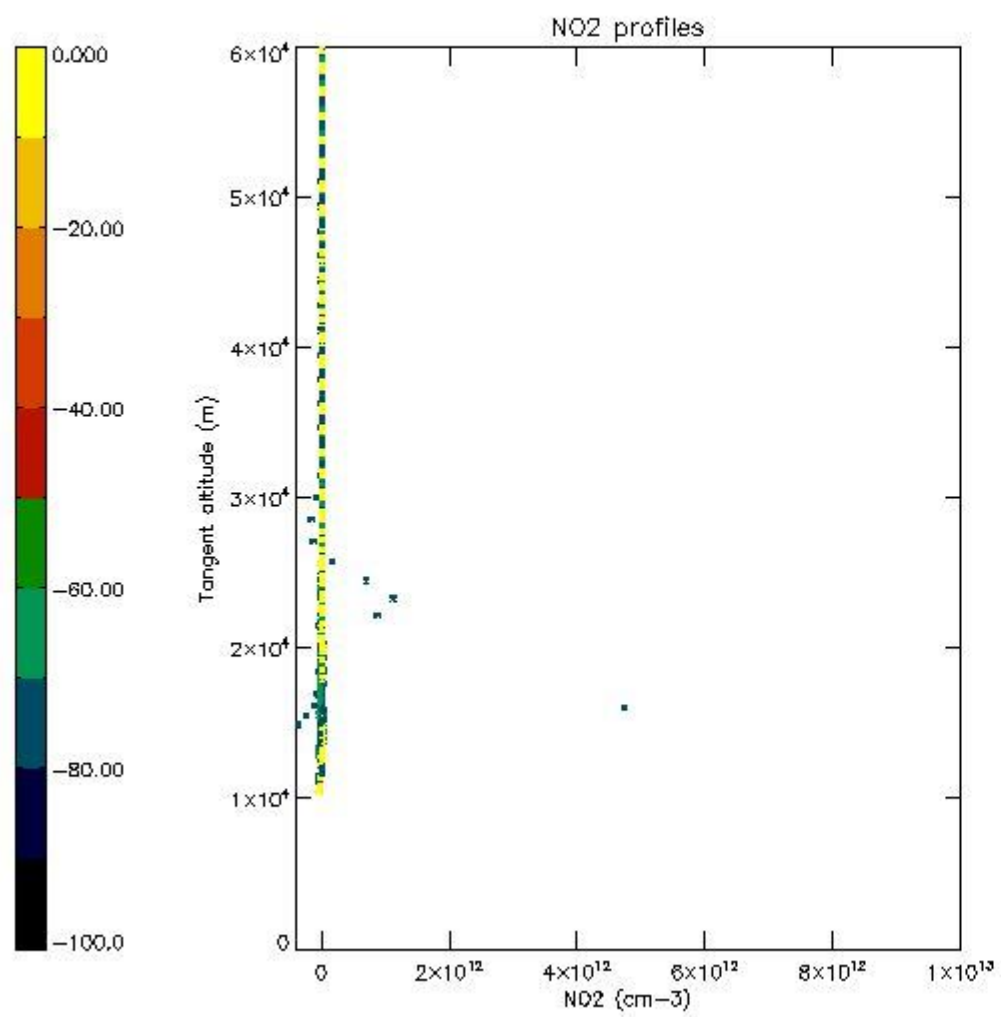
The colorbar represents the latitude.



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

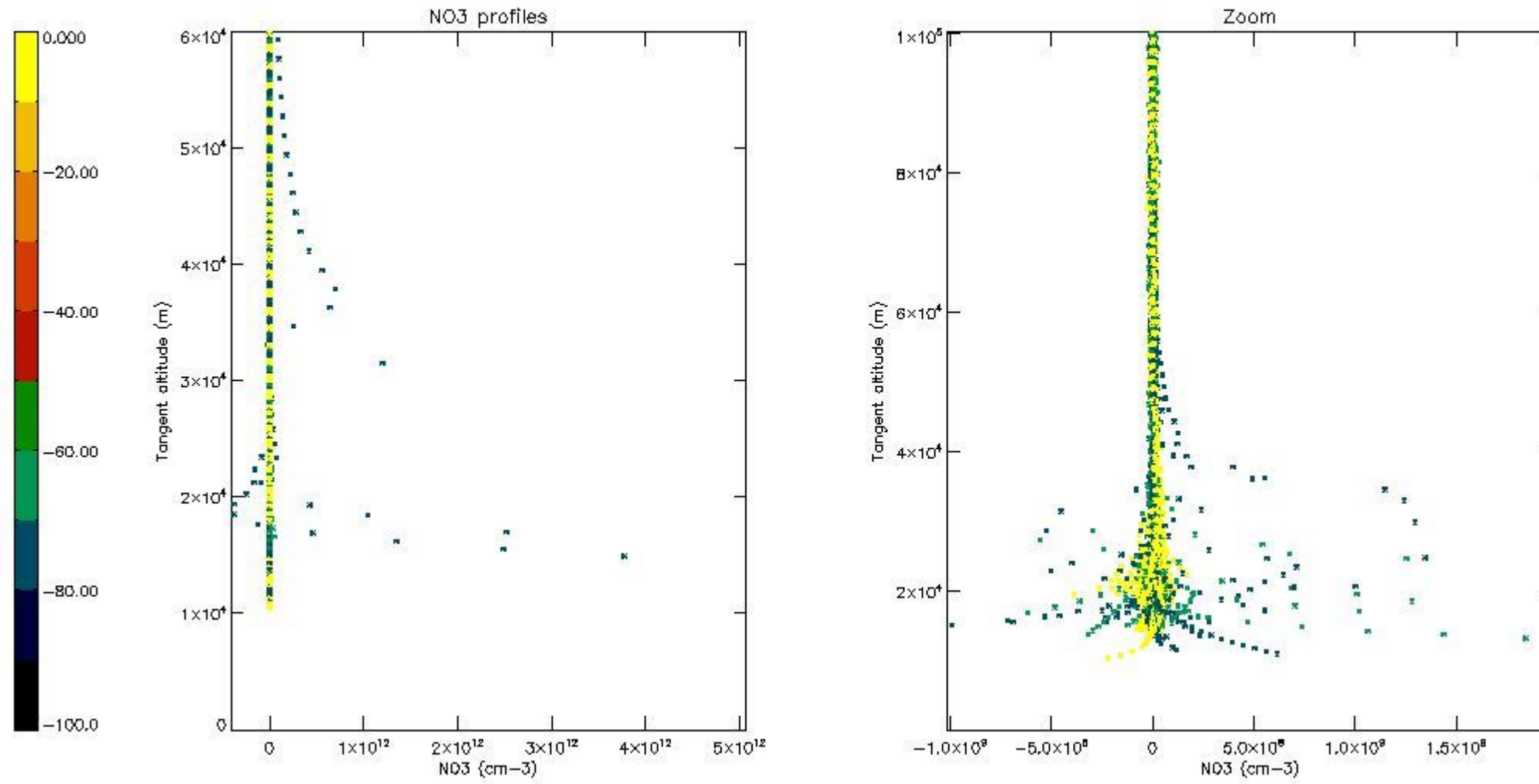
The colorbar represents the latitude.





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

The colorbar represents the latitude.



## 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	19-JUL-2007 00:02:06
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-JUL-2007 00:02:06
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-JUL-2007 00:02:06

# 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	22APR2013 21:55:48
Data source version	GOMOS/6.01
Start time of products	19-07-2007 (19JUL2007 00:00:00)
Stop time of products	20-07-2007 (20JUL2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	255
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__2PRFIN20070719_000206_000000472060_00030_28140_0481.N1	19-JUL-2007 00:02:06	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	28140	No
2	GOM_NL__2PRFIN20070719_000430_000000392060_00030_28140_0482.N1	19-JUL-2007 00:04:30	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	28140	No
3	GOM_NL__2PRFIN20070719_002034_000000432060_00031_28141_0477.N1	19-JUL-2007 00:20:34	Dark	42.500	9	Alp Eri	0.45300	24000.	85	28141	No
4	GOM_NL__2PRFIN20070719_002352_000000372060_00031_28141_0478.N1	19-JUL-2007 00:23:52	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28141	No
5	GOM_NL__2PRFIN20070719_002801_000000432060_00031_28141_0479.N1	19-JUL-2007 00:28:01	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28141	No
6	GOM_NL__2PRFIN20070719_003147_000000392060_00031_28141_0480.N1	19-JUL-2007 00:31:47	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28141	No
7	GOM_NL__2PRFIN20070719_003944_000000382060_00031_28141_0481.N1	19-JUL-2007 00:39:44	Twilight_stray	37.500	38	20Eps Sgr	1.8360	11000.	75	28141	No
8	GOM_NL__2PRFIN20070719_004138_000000392060_00031_28141_0482.N1	19-JUL-2007 00:41:38	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	28141	No
9	GOM_NL__2PRFIN20070719_004259_000000392060_00031_28141_0483.N1	19-JUL-2007 00:42:59	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	28141	No
10	GOM_NL__2PRFIN20070719_005056_000000362060_00031_28141_0484.N1	19-JUL-2007 00:50:56	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	28141	No
11	GOM_NL__2PRFIN20070719_005314_000000362060_00031_28141_0485.N1	19-JUL-2007 00:53:14	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	28141	No
12	GOM_NL__2PRFIN20070719_010357_000000372060_00031_28141_0486.N1	19-JUL-2007 01:03:57	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28141	No
13	GOM_NL__2PRFIN20070719_010719_000000362060_00031_28141_0487.N1	19-JUL-2007 01:07:19	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	28141	No
14	GOM_NL__2PRFIN20070719_011133_000000372060_00031_28141_0488.N1	19-JUL-2007 01:11:33	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28141	No
15	GOM_NL__2PRFIN20070719_011458_000000362060_00031_28141_0489.N1	19-JUL-2007 01:14:58	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28141	No
16	GOM_NL__2PRFIN20070719_013116_000000402060_00031_28141_0490.N1	19-JUL-2007 01:31:16	Bright	40.000	114	31ot Aur	2.6930	4600.0	80	28141	No
17	GOM_NL__2PRFIN20070719_014242_000000412060_00031_28141_0491.N1	19-JUL-2007 01:42:42	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	28141	No
18	GOM_NL__2PRFIN20070719_014506_000000382060_00031_28141_0492.N1	19-JUL-2007 01:45:06	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	28141	No
19	GOM_NL__2PRFIN20070719_020110_000000452060_00032_28142_0493.N1	19-JUL-2007 02:01:10	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28142	No
20	GOM_NL__2PRFIN20070719_020428_000000372060_00032_28142_0494.N1	19-JUL-2007 02:04:28	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28142	No
21	GOM_NL__2PRFIN20070719_020837_000000402060_00032_28142_0495.N1	19-JUL-2007 02:08:37	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28142	No
22	GOM_NL__2PRFIN20070719_021223_000000432060_00032_28142_0496.N1	19-JUL-2007 02:12:23	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	28142	No
23	GOM_NL__2PRFIN20070719_022020_000000402060_00032_28142_0497.N1	19-JUL-2007 02:20:20	Twilight_stray	40.000	38	20Eps Sgr	1.8360	11000.	80	28142	No
24	GOM_NL__2PRFIN20070719_022214_000000382060_00032_28142_0498.N1	19-JUL-2007 02:22:14	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	28142	No
25	GOM_NL__2PRFIN20070719_022336_000000392060_00032_28142_0499.N1	19-JUL-2007 02:23:36	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	28142	No
26	GOM_NL__2PRFIN20070719_023132_000000352060_00032_28142_0500.N1	19-JUL-2007 02:31:32	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	28142	No
27	GOM_NL__2PRFIN20070719_023350_000000362060_00032_28142_0501.N1	19-JUL-2007 02:33:50	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	28142	No
28	GOM_NL__2PRFIN20070719_024433_000000342060_00032_28142_0502.N1	19-JUL-2007 02:44:33	Bright	33.500	69	33Gam Dra	2.2310	3800.0	67	28142	No
29	GOM_NL__2PRFIN20070719_024755_000000342060_00032_28142_0503.N1	19-JUL-2007 02:47:55	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	28142	No
30	GOM_NL__2PRFIN20070719_025209_000000372060_00032_28142_0504.N1	19-JUL-2007 02:52:09	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28142	No
31	GOM_NL__2PRFIN20070719_025534_000000362060_00032_28142_0505.N1	19-JUL-2007 02:55:34	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28142	No
32	GOM_NL__2PRFIN20070719_030802_000000372060_00032_28142_0506.N1	19-JUL-2007 03:08:02	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	28142	No
33	GOM_NL__2PRFIN20070719_031152_000000532060_00032_28142_0507.N1	19-JUL-2007 03:11:52	Bright	53.000	114	31ot Aur	2.6930	4600.0	106	28142	No
34	GOM_NL__2PRFIN20070719_032053_000000392060_00032_28142_0508.N1	19-JUL-2007 03:20:53	Dark	38.500	72	34Del Ori	2.2500	30000.	77	28142	No
35	GOM_NL__2PRFIN20070719_032318_000000422060_00032_28142_0509.N1	19-JUL-2007 03:23:18	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	28142	No
36	GOM_NL__2PRFIN20070719_032542_000000392060_00032_28142_0510.N1	19-JUL-2007 03:25:42	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	28142	No
37	GOM_NL__2PRFIN20070719_034147_000000452060_00033_28143_0505.N1	19-JUL-2007 03:41:47	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28143	No
38	GOM_NL__2PRFIN20070719_034504_000000362060_00033_28143_0506.N1	19-JUL-2007 03:45:04	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	28143	No
39	GOM_NL__2PRFIN20070719_034914_000000422060_00033_28143_0507.N1	19-JUL-2007 03:49:14	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28143	No
40	GOM_NL__2PRFIN20070719_035300_000000422060_00033_28143_0508.N1	19-JUL-2007 03:53:00	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	28143	No
41	GOM_NL__2PRFIN20070719_040056_000000402060_00033_28143_0509.N1	19-JUL-2007 04:00:56	Twilight_stray	40.000	38	20Eps Sgr	1.8360	11000.	80	28143	No
42	GOM_NL__2PRFIN20070719_040250_000000402060_00033_28143_0510.N1	19-JUL-2007 04:02:50	Bright	39.500	57	34Sig Sgr	2.0660	26000.	79	28143	No



43	GOM_NL__2PRFIN20070719_040412_000000392060_00033_28143_0511.N1	19-JUL-2007 04:04:12	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28143	No
44	GOM_NL__2PRFIN20070719_041208_000000362060_00033_28143_0512.N1	19-JUL-2007 04:12:08	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	28143	No
45	GOM_NL__2PRFIN20070719_041426_000000362060_00033_28143_0513.N1	19-JUL-2007 04:14:26	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	28143	No
46	GOM_NL__2PRFIN20070719_042509_000000372060_00033_28143_0514.N1	19-JUL-2007 04:25:09	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28143	No
47	GOM_NL__2PRFIN20070719_042831_000000332060_00033_28143_0515.N1	19-JUL-2007 04:28:31	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	28143	No
48	GOM_NL__2PRFIN20070719_043245_000000372060_00033_28143_0516.N1	19-JUL-2007 04:32:45	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28143	No
49	GOM_NL__2PRFIN20070719_043610_000000322060_00033_28143_0517.N1	19-JUL-2007 04:36:10	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	28143	No
50	GOM_NL__2PRFIN20070719_044838_000000362060_00033_28143_0518.N1	19-JUL-2007 04:48:38	Bright	36.000	6	13Alp Aur	0.080000	3400.0	72	28143	No
51	GOM_NL__2PRFIN20070719_045228_000000372060_00033_28143_0519.N1	19-JUL-2007 04:52:28	Bright	36.500	114	3lot Aur	2.6930	4600.0	73	28143	No
52	GOM_NL__2PRFIN20070719_050130_000000382060_00033_28143_0520.N1	19-JUL-2007 05:01:30	Dark	38.000	72	34Del Ori	2.2500	30000.	76	28143	No
53	GOM_NL__2PRFIN20070719_050354_000000402060_00033_28143_0521.N1	19-JUL-2007 05:03:54	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	28143	No
54	GOM_NL__2PRFIN20070719_050619_000000402060_00033_28143_0522.N1	19-JUL-2007 05:06:19	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	28143	No
55	GOM_NL__2PRFIN20070719_052223_000000432060_00034_28144_0516.N1	19-JUL-2007 05:22:23	Dark	42.500	9	Alp Eri	0.45300	24000.	85	28144	No
56	GOM_NL__2PRFIN20070719_052540_000000362060_00034_28144_0517.N1	19-JUL-2007 05:25:40	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	28144	No
57	GOM_NL__2PRFIN20070719_052950_000000412060_00034_28144_0518.N1	19-JUL-2007 05:29:50	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28144	No
58	GOM_NL__2PRFIN20070719_053336_000000402060_00034_28144_0519.N1	19-JUL-2007 05:33:36	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	28144	No
59	GOM_NL__2PRFIN20070719_054133_000000502060_00034_28144_0520.N1	19-JUL-2007 05:41:33	Tw_i_and_stray	49.500	38	20Eps Sgr	1.8360	11000.	99	28144	No
60	GOM_NL__2PRFIN20070719_054326_000000382060_00034_28144_0521.N1	19-JUL-2007 05:43:26	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	28144	No
61	GOM_NL__2PRFIN20070719_054448_000000382060_00034_28144_0522.N1	19-JUL-2007 05:44:48	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28144	No
62	GOM_NL__2PRFIN20070719_055244_000000352060_00034_28144_0523.N1	19-JUL-2007 05:52:44	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	28144	No
63	GOM_NL__2PRFIN20070719_055502_000000342060_00034_28144_0524.N1	19-JUL-2007 05:55:02	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	28144	No
64	GOM_NL__2PRFIN20070719_060545_000000362060_00034_28144_0525.N1	19-JUL-2007 06:05:45	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	28144	No
65	GOM_NL__2PRFIN20070719_060908_000000372060_00034_28144_0526.N1	19-JUL-2007 06:09:08	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28144	No
66	GOM_NL__2PRFIN20070719_061322_000000362060_00034_28144_0527.N1	19-JUL-2007 06:13:22	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	28144	No
67	GOM_NL__2PRFIN20070719_061646_000000352060_00034_28144_0528.N1	19-JUL-2007 06:16:46	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28144	No
68	GOM_NL__2PRFIN20070719_062914_000000392060_00034_28144_0529.N1	19-JUL-2007 06:29:14	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	28144	No
69	GOM_NL__2PRFIN20070719_063305_000000442060_00034_28144_0530.N1	19-JUL-2007 06:33:05	Bright	43.500	114	3lot Aur	2.6930	4600.0	87	28144	No
70	GOM_NL__2PRFIN20070719_064206_000000382060_00034_28144_0531.N1	19-JUL-2007 06:42:06	Dark	37.500	72	34Del Ori	2.2500	30000.	75	28144	No
71	GOM_NL__2PRFIN20070719_064431_000000442060_00034_28144_0532.N1	19-JUL-2007 06:44:31	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	28144	No
72	GOM_NL__2PRFIN20070719_064655_000000412060_00034_28144_0533.N1	19-JUL-2007 06:46:55	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	28144	No
73	GOM_NL__2PRFIN20070719_070300_000000482060_00035_28145_0557.N1	19-JUL-2007 07:03:00	Dark	48.000	9	Alp Eri	0.45300	24000.	96	28145	No
74	GOM_NL__2PRFIN20070719_070617_000000372060_00035_28145_0558.N1	19-JUL-2007 07:06:17	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28145	No
75	GOM_NL__2PRFIN20070719_071027_000000402060_00035_28145_0559.N1	19-JUL-2007 07:10:27	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28145	No
76	GOM_NL__2PRFIN20070719_071412_000000402060_00035_28145_0560.N1	19-JUL-2007 07:14:12	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	28145	No
77	GOM_NL__2PRFIN20070719_072209_000000412060_00035_28145_0561.N1	19-JUL-2007 07:22:09	Tw_i_and_stray	40.500	38	20Eps Sgr	1.8360	11000.	81	28145	No
78	GOM_NL__2PRFIN20070719_072403_000000382060_00035_28145_0562.N1	19-JUL-2007 07:24:03	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	28145	No
79	GOM_NL__2PRFIN20070719_072524_000000382060_00035_28145_0563.N1	19-JUL-2007 07:25:24	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28145	No
80	GOM_NL__2PRFIN20070719_073321_000000362060_00035_28145_0564.N1	19-JUL-2007 07:33:21	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	28145	No
81	GOM_NL__2PRFIN20070719_073538_000000372060_00035_28145_0565.N1	19-JUL-2007 07:35:38	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	28145	No
82	GOM_NL__2PRFIN20070719_074621_000000362060_00035_28145_0566.N1	19-JUL-2007 07:46:21	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	28145	No
83	GOM_NL__2PRFIN20070719_074944_000000372060_00035_28145_0567.N1	19-JUL-2007 07:49:44	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28145	No
84	GOM_NL__2PRFIN20070719_075358_000000362060_00035_28145_0568.N1	19-JUL-2007 07:53:58	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	28145	No
85	GOM_NL__2PRFIN20070719_075722_000000362060_00035_28145_0569.N1	19-JUL-2007 07:57:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28145	No
86	GOM_NL__2PRFIN20070719_080950_000000362060_00035_28145_0570.N1	19-JUL-2007 08:09:50	Bright	36.000	6	13Alp Aur	0.080000	3400.0	72	28145	No
87	GOM_NL__2PRFIN20070719_081341_000000392060_00035_28145_0571.N1	19-JUL-2007 08:13:41	Bright	38.500	114	3lot Aur	2.6930	4600.0	77	28145	No
88	GOM_NL__2PRFIN20070719_082242_000000382060_00035_28145_0572.N1	19-JUL-2007 08:22:42	Dark	38.000	72	34Del Ori	2.2500	30000.	76	28145	No
89	GOM_NL__2PRFIN20070719_082507_000000432060_00035_28145_0573.N1	19-JUL-2007 08:25:07	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	28145	No
90	GOM_NL__2PRFIN20070719_082731_000000392060_00035_28145_0574.N1	19-JUL-2007 08:27:31	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	28145	No
91	GOM_NL__2PRFIN20070719_084337_000000462060_00036_28146_0589.N1	19-JUL-2007 08:43:37	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28146	No
92	GOM_NL__2PRFIN20070719_084653_000000372060_00036_28146_0590.N1	19-JUL-2007 08:46:53	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28146	No
93	GOM_NL__2PRFIN20070719_085103_000000502060_00036_28146_0591.N1	19-JUL-2007 08:51:03	Straylight	50.000	148	Alp Tuc	2.8780	4100.0	100	28146	No
94	GOM_NL__2PRFIN20070719_085449_000000392060_00036_28146_0592.N1	19-JUL-2007 08:54:49	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28146	No
95	GOM_NL__2PRFIN20070719_090245_000000422060_00036_28146_0593.N1	19-JUL-2007 09:02:45	Tw_i_and_stray	42.000	38	20Eps Sgr	1.8360	11000.	84	28146	No
96	GOM_NL__2PRFIN20070719_090439_000000402060_00036_28146_0594.N1	19-JUL-2007 09:04:39	Bright	40.000	57	34Sig Sgr	2.0660	26000.	80	28146	No
97	GOM_NL__2PRFIN20070719_090600_000000382060_00036_28146_0595.N1	19-JUL-2007 09:06:00	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28146	No
98	GOM_NL__2PRFIN20070719_091357_000000352060_00036_28146_0596.N1	19-JUL-2007 09:13:57	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	28146	No
99	GOM_NL__2PRFIN20070719_091614_000000352060_00036_28146_0597.N1	19-JUL-2007 09:16:14	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	28146	No
100	GOM_NL__2PRFIN20070719_092657_000000392060_00036_28146_0598.N1	19-JUL-2007 09:26:57	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	28146	No
101	GOM_NL__2PRFIN20070719_093020_000000362060_00036_28146_0599.N1	19-JUL-2007 09:30:20	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	28146	No

102	GOM_NL__2PRFIN20070719_093434_000000372060_00036_28146_0600.N1	19-JUL-2007 09:34:34	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	28146	No
103	GOM_NL__2PRFIN20070719_093758_000000352060_00036_28146_0601.N1	19-JUL-2007 09:37:58	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28146	No
104	GOM_NL__2PRFIN20070719_095026_000000532060_00036_28146_0602.N1	19-JUL-2007 09:50:26	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	28146	No
105	GOM_NL__2PRFIN20070719_095417_000000382060_00036_28146_0603.N1	19-JUL-2007 09:54:17	Bright	38.000	114	3lot Aur	2.6930	4600.0	76	28146	No
106	GOM_NL__2PRFIN20070719_100318_000000392060_00036_28146_0604.N1	19-JUL-2007 10:03:18	Dark	38.500	72	34Del Ori	2.2500	30000.	77	28146	No
107	GOM_NL__2PRFIN20070719_100543_000000402060_00036_28146_0605.N1	19-JUL-2007 10:05:43	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	28146	No
108	GOM_NL__2PRFIN20070719_100807_000000382060_00036_28146_0606.N1	19-JUL-2007 10:08:07	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	28146	No
109	GOM_NL__2PRFIN20070719_102413_000000452060_00037_28147_0613.N1	19-JUL-2007 10:24:13	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28147	No
110	GOM_NL__2PRFIN20070719_102729_000000372060_00037_28147_0614.N1	19-JUL-2007 10:27:29	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28147	No
111	GOM_NL__2PRFIN20070719_103140_000000422060_00037_28147_0615.N1	19-JUL-2007 10:31:40	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28147	No
112	GOM_NL__2PRFIN20070719_103525_000000412060_00037_28147_0616.N1	19-JUL-2007 10:35:25	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	28147	No
113	GOM_NL__2PRFIN20070719_104321_000000392060_00037_28147_0617.N1	19-JUL-2007 10:43:21	Tw_i_and_stray	39.000	38	20Eps Sgr	1.8360	11000.	78	28147	No
114	GOM_NL__2PRFIN20070719_104515_000000392060_00037_28147_0618.N1	19-JUL-2007 10:45:15	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	28147	No
115	GOM_NL__2PRFIN20070719_104636_000000382060_00037_28147_0619.N1	19-JUL-2007 10:46:36	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28147	No
116	GOM_NL__2PRFIN20070719_105433_000000342060_00037_28147_0620.N1	19-JUL-2007 10:54:33	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	28147	No
117	GOM_NL__2PRFIN20070719_105650_000000362060_00037_28147_0621.N1	19-JUL-2007 10:56:50	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	28147	No
118	GOM_NL__2PRFIN20070719_110733_000000382060_00037_28147_0622.N1	19-JUL-2007 11:07:33	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	28147	No
119	GOM_NL__2PRFIN20070719_111056_000000362060_00037_28147_0623.N1	19-JUL-2007 11:10:56	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	28147	No
120	GOM_NL__2PRFIN20070719_111510_000000342060_00037_28147_0624.N1	19-JUL-2007 11:15:10	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	28147	No
121	GOM_NL__2PRFIN20070719_111834_000000372060_00037_28147_0625.N1	19-JUL-2007 11:18:34	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28147	No
122	GOM_NL__2PRFIN20070719_113102_000000372060_00037_28147_0626.N1	19-JUL-2007 11:31:02	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	28147	No
123	GOM_NL__2PRFIN20070719_113453_000000382060_00037_28147_0627.N1	19-JUL-2007 11:34:53	Bright	37.500	114	3lot Aur	2.6930	4600.0	75	28147	No
124	GOM_NL__2PRFIN20070719_114354_000000352060_00037_28147_0628.N1	19-JUL-2007 11:43:54	Dark	35.000	72	34Del Ori	2.2500	30000.	70	28147	No
125	GOM_NL__2PRFIN20070719_114619_000000382060_00037_28147_0629.N1	19-JUL-2007 11:46:19	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	28147	No
126	GOM_NL__2PRFIN20070719_114843_000000372060_00037_28147_0630.N1	19-JUL-2007 11:48:43	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	28147	No
127	GOM_NL__2PRFIN20070719_120450_000000452060_00038_28148_0635.N1	19-JUL-2007 12:04:50	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28148	No
128	GOM_NL__2PRFIN20070719_120805_000000372060_00038_28148_0636.N1	19-JUL-2007 12:08:05	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28148	No
129	GOM_NL__2PRFIN20070719_121216_000000432060_00038_28148_0637.N1	19-JUL-2007 12:12:16	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28148	No
130	GOM_NL__2PRFIN20070719_121601_000000382060_00038_28148_0638.N1	19-JUL-2007 12:16:01	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28148	No
131	GOM_NL__2PRFIN20070719_122357_000000412060_00038_28148_0639.N1	19-JUL-2007 12:23:57	Tw_i_and_stray	41.000	38	20Eps Sgr	1.8360	11000.	82	28148	No
132	GOM_NL__2PRFIN20070719_122551_000000532060_00038_28148_0640.N1	19-JUL-2007 12:25:51	Bright	53.000	57	34Sig Sgr	2.0660	26000.	106	28148	No
133	GOM_NL__2PRFIN20070719_122712_000000382060_00038_28148_0641.N1	19-JUL-2007 12:27:12	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28148	No
134	GOM_NL__2PRFIN20070719_123509_000000352060_00038_28148_0642.N1	19-JUL-2007 12:35:09	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	28148	No
135	GOM_NL__2PRFIN20070719_123727_000000362060_00038_28148_0643.N1	19-JUL-2007 12:37:27	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	28148	No
136	GOM_NL__2PRFIN20070719_124809_000000382060_00038_28148_0644.N1	19-JUL-2007 12:48:09	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	28148	No
137	GOM_NL__2PRFIN20070719_125132_000000362060_00038_28148_0645.N1	19-JUL-2007 12:51:32	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	28148	No
138	GOM_NL__2PRFIN20070719_125546_000000362060_00038_28148_0646.N1	19-JUL-2007 12:55:46	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	28148	No
139	GOM_NL__2PRFIN20070719_125909_000000362060_00038_28148_0647.N1	19-JUL-2007 12:59:09	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28148	No
140	GOM_NL__2PRFIN20070719_131138_000000382060_00038_28148_0648.N1	19-JUL-2007 13:11:38	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28148	No
141	GOM_NL__2PRFIN20070719_131529_000000362060_00038_28148_0649.N1	19-JUL-2007 13:15:29	Bright	36.000	114	3lot Aur	2.6930	4600.0	72	28148	No
142	GOM_NL__2PRFIN20070719_132430_000000362060_00038_28148_0650.N1	19-JUL-2007 13:24:30	Dark	36.000	72	34Del Ori	2.2500	30000.	72	28148	No
143	GOM_NL__2PRFIN20070719_132655_000000362060_00038_28148_0651.N1	19-JUL-2007 13:26:55	Dark	35.500	7	19Bet Ori	0.10000	14000.	71	28148	No
144	GOM_NL__2PRFIN20070719_132919_000000342060_00038_28148_0652.N1	19-JUL-2007 13:29:19	Dark	34.000	101	11Alp Lep	2.5820	7000.0	68	28148	No
145	GOM_NL__2PRFIN20070719_134526_000000422060_00039_28149_0646.N1	19-JUL-2007 13:45:26	Dark	41.500	9	Alp Eri	0.45300	24000.	83	28149	No
146	GOM_NL__2PRFIN20070719_134841_000000372060_00039_28149_0647.N1	19-JUL-2007 13:48:41	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28149	No
147	GOM_NL__2PRFIN20070719_135252_000000412060_00039_28149_0648.N1	19-JUL-2007 13:52:52	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28149	No
148	GOM_NL__2PRFIN20070719_135637_000000392060_00039_28149_0649.N1	19-JUL-2007 13:56:37	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28149	No
149	GOM_NL__2PRFIN20070719_140433_000000382060_00039_28149_0650.N1	19-JUL-2007 14:04:33	Tw_i_and_stray	37.500	38	20Eps Sgr	1.8360	11000.	75	28149	No
150	GOM_NL__2PRFIN20070719_140627_000000392060_00039_28149_0651.N1	19-JUL-2007 14:06:27	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	28149	No
151	GOM_NL__2PRFIN20070719_140748_000000392060_00039_28149_0652.N1	19-JUL-2007 14:07:48	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28149	No
152	GOM_NL__2PRFIN20070719_141545_000000352060_00039_28149_0653.N1	19-JUL-2007 14:15:45	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	28149	No
153	GOM_NL__2PRFIN20070719_141803_000000352060_00039_28149_0654.N1	19-JUL-2007 14:18:03	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	28149	No
154	GOM_NL__2PRFIN20070719_142845_000000362060_00039_28149_0655.N1	19-JUL-2007 14:28:45	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	28149	No
155	GOM_NL__2PRFIN20070719_143208_000000332060_00039_28149_0656.N1	19-JUL-2007 14:32:08	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	28149	No
156	GOM_NL__2PRFIN20070719_143622_000000332060_00039_28149_0657.N1	19-JUL-2007 14:36:22	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28149	No
157	GOM_NL__2PRFIN20070719_143945_000000362060_00039_28149_0658.N1	19-JUL-2007 14:39:45	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28149	No
158	GOM_NL__2PRFIN20070719_145214_000000372060_00039_28149_0659.N1	19-JUL-2007 14:52:14	Bright	36.500	6	13Alp Aur	0.080000	3400.0	73	28149	No
159	GOM_NL__2PRFIN20070719_145605_000000372060_00039_28149_0660.N1	19-JUL-2007 14:56:05	Bright	37.000	114	3lot Aur	2.6930	4600.0	74	28149	No
160	GOM_NL__2PRFIN20070719_150506_000000342060_00039_28149_0661.N1	19-JUL-2007 15:05:06	Dark	33.500	72	34Del Ori	2.2500	30000.	67	28149	No

161	GOM_NL__2PRFIN20070719_150731_000000362060_00039_28149_0662.N1	19-JUL-2007 15:07:31	Dark	35.500	7	19Bet Ori	0.10000	14000.	71	28149	No
162	GOM_NL__2PRFIN20070719_150955_000000352060_00039_28149_0663.N1	19-JUL-2007 15:09:55	Dark	34.500	101	11Alp Lep	2.5820	7000.0	69	28149	No
163	GOM_NL__2PRFIN20070719_152603_000000402060_00040_28150_0679.N1	19-JUL-2007 15:26:03	Dark	40.000	9	Alp Eri	0.45300	24000.	80	28150	No
164	GOM_NL__2PRFIN20070719_152917_000000382060_00040_28150_0680.N1	19-JUL-2007 15:29:17	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	28150	No
165	GOM_NL__2PRFIN20070719_153329_000000422060_00040_28150_0681.N1	19-JUL-2007 15:33:29	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28150	No
166	GOM_NL__2PRFIN20070719_153713_000000392060_00040_28150_0682.N1	19-JUL-2007 15:37:13	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28150	No
167	GOM_NL__2PRFIN20070719_154509_000000412060_00040_28150_0683.N1	19-JUL-2007 15:45:09	Twi_and_stray	41.000	38	20Eps Sgr	1.8360	11000.	82	28150	No
168	GOM_NL__2PRFIN20070719_154703_000000392060_00040_28150_0684.N1	19-JUL-2007 15:47:03	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	28150	No
169	GOM_NL__2PRFIN20070719_154824_000000392060_00040_28150_0685.N1	19-JUL-2007 15:48:24	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28150	No
170	GOM_NL__2PRFIN20070719_155621_000000352060_00040_28150_0686.N1	19-JUL-2007 15:56:21	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	28150	No
171	GOM_NL__2PRFIN20070719_155839_000000362060_00040_28150_0687.N1	19-JUL-2007 15:58:39	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	28150	No
172	GOM_NL__2PRFIN20070719_160920_000000372060_00040_28150_0688.N1	19-JUL-2007 16:09:20	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28150	No
173	GOM_NL__2PRFIN20070719_161244_000000362060_00040_28150_0689.N1	19-JUL-2007 16:12:44	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28150	No
174	GOM_NL__2PRFIN20070719_161658_000000342060_00040_28150_0690.N1	19-JUL-2007 16:16:58	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	28150	No
175	GOM_NL__2PRFIN20070719_162021_000000362060_00040_28150_0691.N1	19-JUL-2007 16:20:21	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28150	No
176	GOM_NL__2PRFIN20070719_163250_000000372060_00040_28150_0692.N1	19-JUL-2007 16:32:50	Bright	36.500	6	13Alp Aur	0.080000	3400.0	73	28150	No
177	GOM_NL__2PRFIN20070719_163641_000000382060_00040_28150_0693.N1	19-JUL-2007 16:36:41	Bright	38.000	114	3lot Aur	2.6930	4600.0	76	28150	No
178	GOM_NL__2PRFIN20070719_164554_000000342060_00040_28150_0694.N1	19-JUL-2007 16:45:54	Dark	33.500	30	46Eps Ori	1.6940	30000.	67	28150	No
179	GOM_NL__2PRFIN20070719_164808_000000362060_00040_28150_0695.N1	19-JUL-2007 16:48:08	Dark	36.000	7	19Bet Ori	0.10000	14000.	72	28150	No
180	GOM_NL__2PRFIN20070719_165031_000000382060_00040_28150_0696.N1	19-JUL-2007 16:50:31	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	28150	No
181	GOM_NL__2PRFIN20070719_170639_000000432060_00041_28151_0693.N1	19-JUL-2007 17:06:39	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28151	No
182	GOM_NL__2PRFIN20070719_170954_000000382060_00041_28151_0694.N1	19-JUL-2007 17:09:54	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28151	No
183	GOM_NL__2PRFIN20070719_171405_000000412060_00041_28151_0695.N1	19-JUL-2007 17:14:05	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28151	No
184	GOM_NL__2PRFIN20070719_171750_000000402060_00041_28151_0696.N1	19-JUL-2007 17:17:50	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	28151	No
185	GOM_NL__2PRFIN20070719_172545_000000442060_00041_28151_0697.N1	19-JUL-2007 17:25:45	Twi_and_stray	44.000	38	20Eps Sgr	1.8360	11000.	88	28151	No
186	GOM_NL__2PRFIN20070719_172739_000000392060_00041_28151_0698.N1	19-JUL-2007 17:27:39	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	28151	No
187	GOM_NL__2PRFIN20070719_172901_000000392060_00041_28151_0699.N1	19-JUL-2007 17:29:01	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28151	No
188	GOM_NL__2PRFIN20070719_173657_000000352060_00041_28151_0700.N1	19-JUL-2007 17:36:57	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	28151	No
189	GOM_NL__2PRFIN20070719_173915_000000372060_00041_28151_0701.N1	19-JUL-2007 17:39:15	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	28151	No
190	GOM_NL__2PRFIN20070719_174956_000000382060_00041_28151_0702.N1	19-JUL-2007 17:49:56	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	28151	No
191	GOM_NL__2PRFIN20070719_175320_000000352060_00041_28151_0703.N1	19-JUL-2007 17:53:20	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	28151	No
192	GOM_NL__2PRFIN20070719_175735_000000332060_00041_28151_0704.N1	19-JUL-2007 17:57:35	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	28151	No
193	GOM_NL__2PRFIN20070719_180057_000000372060_00041_28151_0705.N1	19-JUL-2007 18:00:57	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28151	No
194	GOM_NL__2PRFIN20070719_181326_000000402060_00041_28151_0706.N1	19-JUL-2007 18:13:26	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	28151	No
195	GOM_NL__2PRFIN20070719_181717_000000392060_00041_28151_0707.N1	19-JUL-2007 18:17:17	Bright	38.500	114	3lot Aur	2.6930	4600.0	77	28151	No
196	GOM_NL__2PRFIN20070719_182630_000000362060_00041_28151_0708.N1	19-JUL-2007 18:26:30	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	28151	No
197	GOM_NL__2PRFIN20070719_182844_000000382060_00041_28151_0709.N1	19-JUL-2007 18:28:44	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	28151	No
198	GOM_NL__2PRFIN20070719_183108_000000382060_00041_28151_0710.N1	19-JUL-2007 18:31:08	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	28151	No
199	GOM_NL__2PRFIN20070719_184716_000000462060_00042_28152_0710.N1	19-JUL-2007 18:47:16	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28152	No
200	GOM_NL__2PRFIN20070719_185030_000000362060_00042_28152_0711.N1	19-JUL-2007 18:50:30	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	28152	No
201	GOM_NL__2PRFIN20070719_185442_000000452060_00042_28152_0712.N1	19-JUL-2007 18:54:42	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	28152	No
202	GOM_NL__2PRFIN20070719_185826_000000452060_00042_28152_0713.N1	19-JUL-2007 18:58:26	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	28152	No
203	GOM_NL__2PRFIN20070719_190621_000000402060_00042_28152_0714.N1	19-JUL-2007 19:06:21	Twi_and_stray	39.500	38	20Eps Sgr	1.8360	11000.	79	28152	No
204	GOM_NL__2PRFIN20070719_190815_000000532060_00042_28152_0715.N1	19-JUL-2007 19:08:15	Bright	52.500	57	34Sig Sgr	2.0660	26000.	105	28152	No
205	GOM_NL__2PRFIN20070719_190937_000000392060_00042_28152_0716.N1	19-JUL-2007 19:09:37	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28152	No
206	GOM_NL__2PRFIN20070719_191733_000000372060_00042_28152_0717.N1	19-JUL-2007 19:17:33	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	28152	No
207	GOM_NL__2PRFIN20070719_191951_000000372060_00042_28152_0718.N1	19-JUL-2007 19:19:51	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	28152	No
208	GOM_NL__2PRFIN20070719_193032_000000352060_00042_28152_0719.N1	19-JUL-2007 19:30:32	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	28152	No
209	GOM_NL__2PRFIN20070719_193357_000000362060_00042_28152_0720.N1	19-JUL-2007 19:33:57	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28152	No
210	GOM_NL__2PRFIN20070719_193811_000000332060_00042_28152_0721.N1	19-JUL-2007 19:38:11	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28152	No
211	GOM_NL__2PRFIN20070719_194133_000000352060_00042_28152_0722.N1	19-JUL-2007 19:41:33	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28152	No
212	GOM_NL__2PRFIN20070719_195402_000000372060_00042_28152_0723.N1	19-JUL-2007 19:54:02	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	28152	No
213	GOM_NL__2PRFIN20070719_195753_000000372060_00042_28152_0724.N1	19-JUL-2007 19:57:53	Bright	37.000	114	3lot Aur	2.6930	4600.0	74	28152	No
214	GOM_NL__2PRFIN20070719_200707_000000372060_00042_28152_0725.N1	19-JUL-2007 20:07:07	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	28152	No
215	GOM_NL__2PRFIN20070719_200920_000000392060_00042_28152_0726.N1	19-JUL-2007 20:09:20	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	28152	No
216	GOM_NL__2PRFIN20070719_201144_000000392060_00042_28152_0727.N1	19-JUL-2007 20:11:44	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	28152	No
217	GOM_NL__2PRFIN20070719_202753_000000422060_00043_28153_0725.N1	19-JUL-2007 20:27:53	Dark	41.500	9	Alp Eri	0.45300	24000.	83	28153	No
218	GOM_NL__2PRFIN20070719_203106_000000382060_00043_28153_0726.N1	19-JUL-2007 20:31:06	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	28153	No
219	GOM_NL__2PRFIN20070719_203518_000000402060_00043_28153_0727.N1	19-JUL-2007 20:35:18	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28153	No



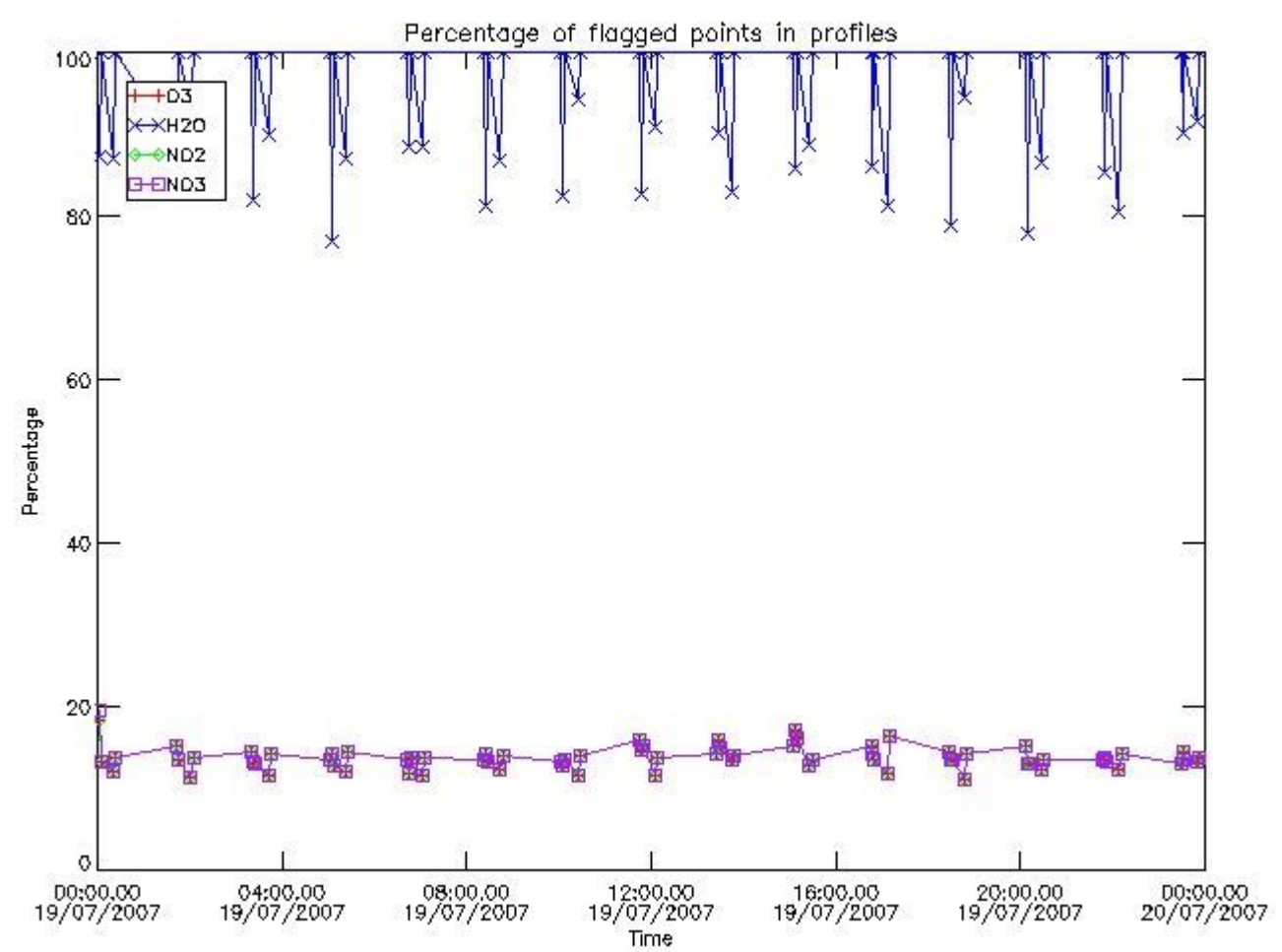
220	GOM_NL__2PRFIN20070719_203902_000000382060_00043_28153_0728.N1	19-JUL-2007 20:39:02	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28153	No
221	GOM_NL__2PRFIN20070719_204658_000000412060_00043_28153_0729.N1	19-JUL-2007 20:46:58	Twilight_and_stray	41.000	38	20Eps Sgr	1.8360	11000.	82	28153	No
222	GOM_NL__2PRFIN20070719_204852_000000402060_00043_28153_0730.N1	19-JUL-2007 20:48:52	Bright	40.000	57	34Sig Sgr	2.0660	26000.	80	28153	No
223	GOM_NL__2PRFIN20070719_205013_000000392060_00043_28153_0731.N1	19-JUL-2007 20:50:13	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28153	No
224	GOM_NL__2PRFIN20070719_205809_000000372060_00043_28153_0732.N1	19-JUL-2007 20:58:09	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	28153	No
225	GOM_NL__2PRFIN20070719_210027_000000372060_00043_28153_0733.N1	19-JUL-2007 21:00:27	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	28153	No
226	GOM_NL__2PRFIN20070719_211108_000000382060_00043_28153_0734.N1	19-JUL-2007 21:11:08	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	28153	No
227	GOM_NL__2PRFIN20070719_211433_000000372060_00043_28153_0735.N1	19-JUL-2007 21:14:33	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28153	No
228	GOM_NL__2PRFIN20070719_211847_000000372060_00043_28153_0736.N1	19-JUL-2007 21:18:47	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28153	No
229	GOM_NL__2PRFIN20070719_212209_000000362060_00043_28153_0737.N1	19-JUL-2007 21:22:09	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28153	No
230	GOM_NL__2PRFIN20070719_213438_000000532060_00043_28153_0738.N1	19-JUL-2007 21:34:38	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	28153	No
231	GOM_NL__2PRFIN20070719_213829_000000392060_00043_28153_0739.N1	19-JUL-2007 21:38:29	Bright	39.000	114	3lot Aur	2.6930	4600.0	78	28153	No
232	GOM_NL__2PRFIN20070719_214743_000000382060_00043_28153_0740.N1	19-JUL-2007 21:47:43	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	28153	No
233	GOM_NL__2PRFIN20070719_214956_000000412060_00043_28153_0741.N1	19-JUL-2007 21:49:56	Dark	41.000	7	19Bet Ori	0.10000	14000.	82	28153	No
234	GOM_NL__2PRFIN20070719_215220_000000392060_00043_28153_0742.N1	19-JUL-2007 21:52:20	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	28153	No
235	GOM_NL__2PRFIN20070719_220829_000000422060_00044_28154_0737.N1	19-JUL-2007 22:08:29	Dark	41.500	9	Alp Eri	0.45300	24000.	83	28154	No
236	GOM_NL__2PRFIN20070719_221142_000000362060_00044_28154_0738.N1	19-JUL-2007 22:11:42	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	28154	No
237	GOM_NL__2PRFIN20070719_221555_000000412060_00044_28154_0739.N1	19-JUL-2007 22:15:55	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28154	No
238	GOM_NL__2PRFIN20070719_221939_000000382060_00044_28154_0740.N1	19-JUL-2007 22:19:39	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28154	No
239	GOM_NL__2PRFIN20070719_222734_000000402060_00044_28154_0741.N1	19-JUL-2007 22:27:34	Twilight_and_stray	39.500	38	20Eps Sgr	1.8360	11000.	79	28154	No
240	GOM_NL__2PRFIN20070719_222928_000000382060_00044_28154_0742.N1	19-JUL-2007 22:29:28	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	28154	No
241	GOM_NL__2PRFIN20070719_223049_000000392060_00044_28154_0743.N1	19-JUL-2007 22:30:49	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28154	No
242	GOM_NL__2PRFIN20070719_223846_000000362060_00044_28154_0744.N1	19-JUL-2007 22:38:46	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	28154	No
243	GOM_NL__2PRFIN20070719_224103_000000362060_00044_28154_0745.N1	19-JUL-2007 22:41:03	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	28154	No
244	GOM_NL__2PRFIN20070719_225144_000000342060_00044_28154_0746.N1	19-JUL-2007 22:51:44	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	28154	No
245	GOM_NL__2PRFIN20070719_225509_000000372060_00044_28154_0747.N1	19-JUL-2007 22:55:09	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28154	No
246	GOM_NL__2PRFIN20070719_225923_000000372060_00044_28154_0748.N1	19-JUL-2007 22:59:23	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	28154	No
247	GOM_NL__2PRFIN20070719_230245_000000372060_00044_28154_0749.N1	19-JUL-2007 23:02:45	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28154	No
248	GOM_NL__2PRFIN20070719_231514_000000372060_00044_28154_0750.N1	19-JUL-2007 23:15:14	Bright	36.500	6	13Alp Aur	0.080000	3400.0	73	28154	No
249	GOM_NL__2PRFIN20070719_231905_000000382060_00044_28154_0751.N1	19-JUL-2007 23:19:05	Bright	38.000	114	3lot Aur	2.6930	4600.0	76	28154	No
250	GOM_NL__2PRFIN20070719_232819_000000392060_00044_28154_0752.N1	19-JUL-2007 23:28:19	Dark	39.000	30	46Eps Ori	1.6940	30000.	78	28154	No
251	GOM_NL__2PRFIN20070719_233032_000000362060_00044_28154_0753.N1	19-JUL-2007 23:30:32	Dark	35.500	7	19Bet Ori	0.10000	14000.	71	28154	No
252	GOM_NL__2PRFIN20070719_233256_000000382060_00044_28154_0754.N1	19-JUL-2007 23:32:56	Dark	38.000	101	11Alp Lep	2.5820	7000.0	76	28154	No
253	GOM_NL__2PRFIN20070719_234906_000000422060_00045_28155_0759.N1	19-JUL-2007 23:49:06	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28155	No
254	GOM_NL__2PRFIN20070719_235218_000000372060_00045_28155_0760.N1	19-JUL-2007 23:52:18	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28155	No
255	GOM_NL__2PRFIN20070719_235631_000000422060_00045_28155_0761.N1	19-JUL-2007 23:56:31	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	28155	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.

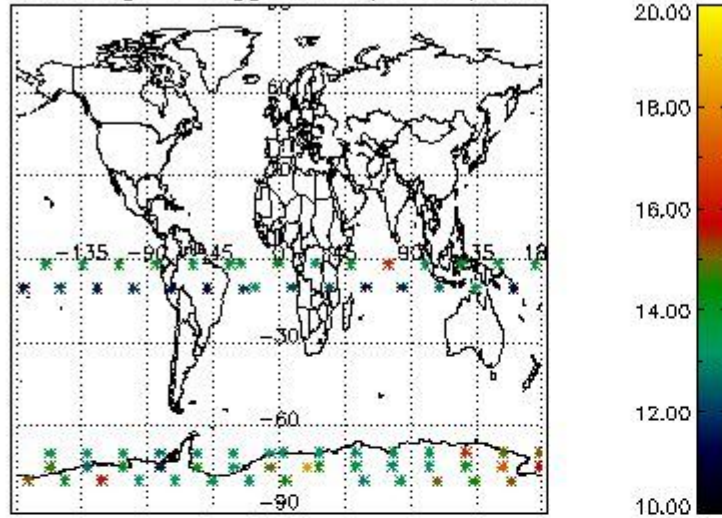
#### 3.1 Plot quality information per product (time dependant)



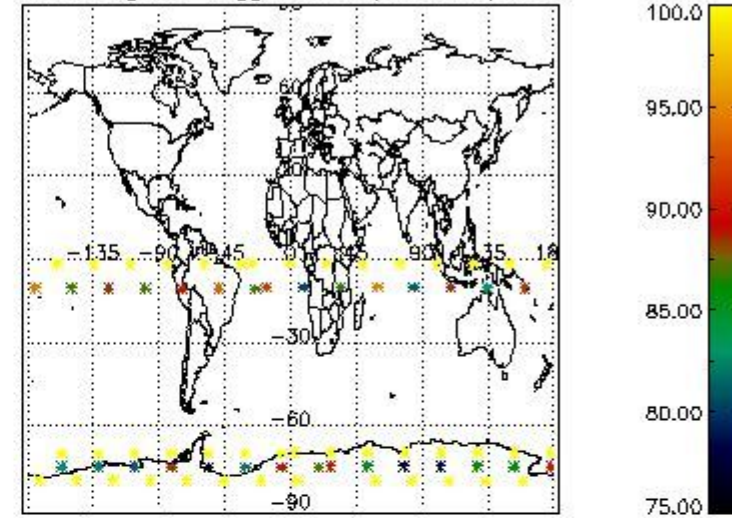


3.2 Plot quality information per product (world map)

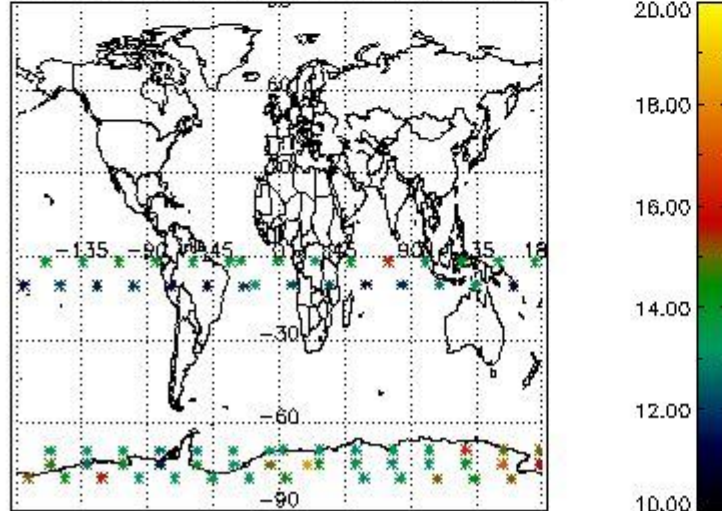
Percentage of flagged data per O3 profile



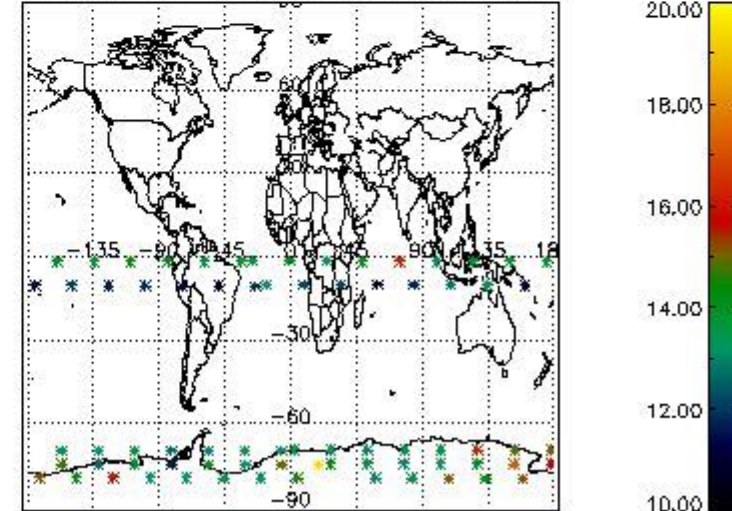
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

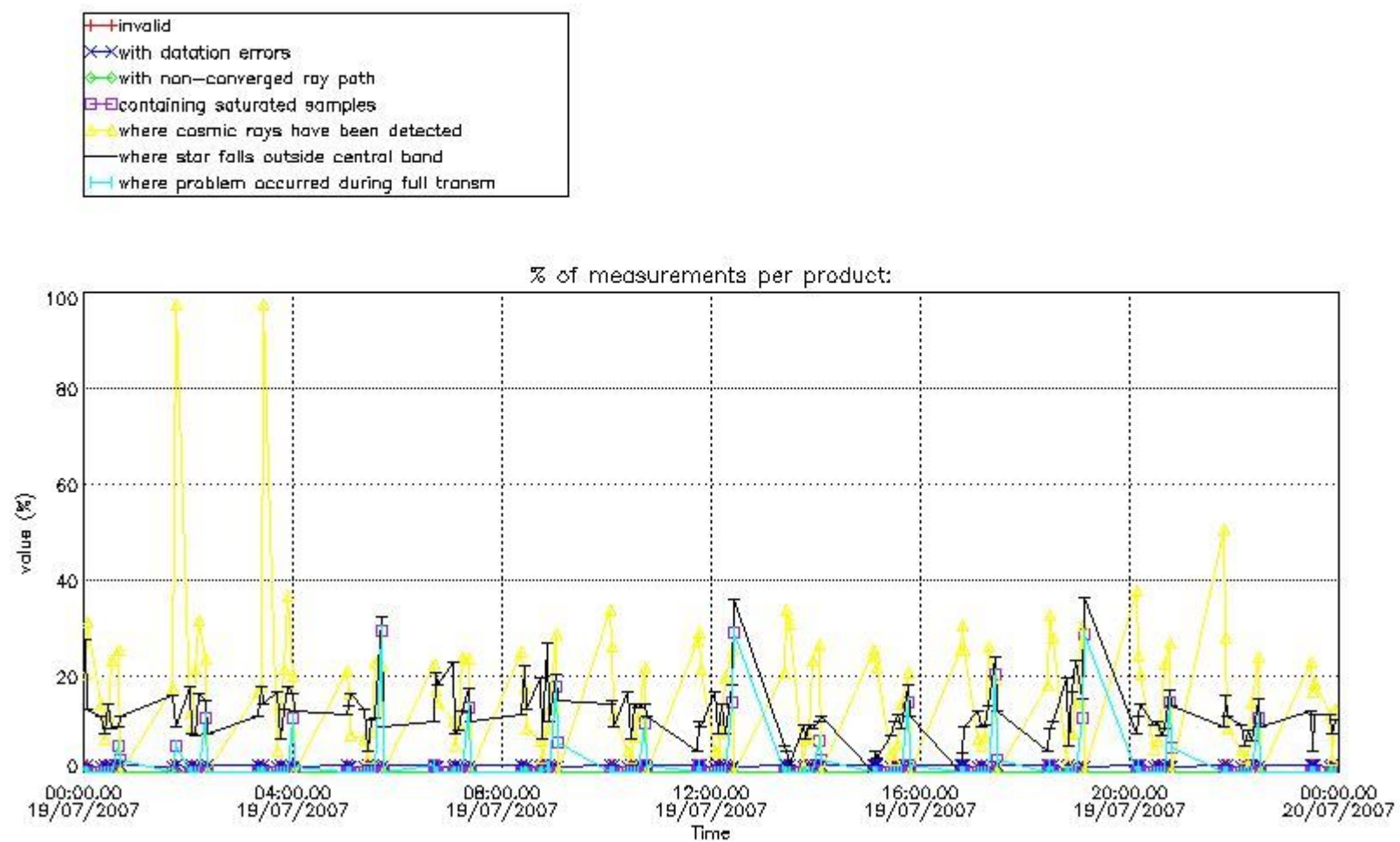


#### 4. Level 1 quality information per product

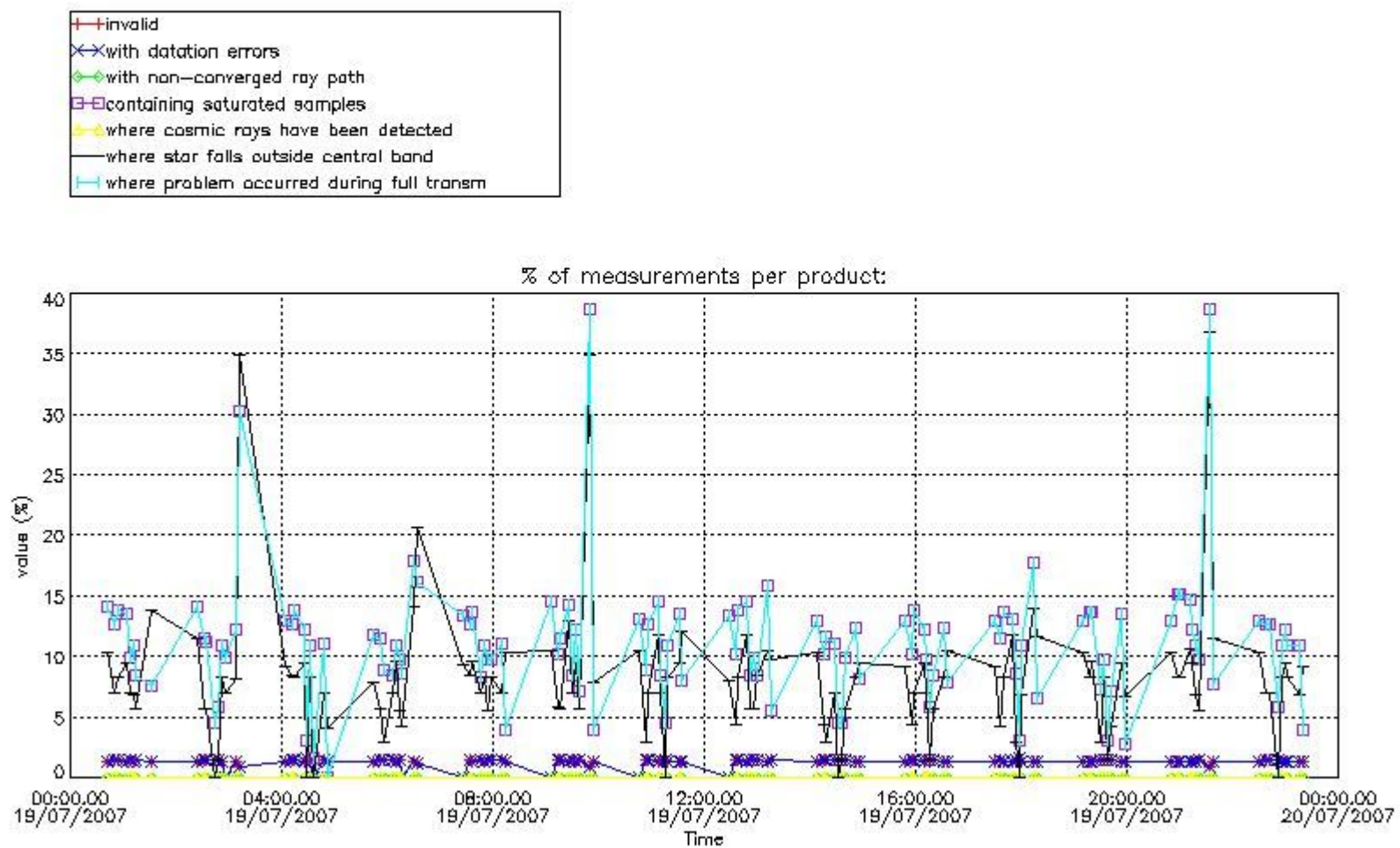
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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): ENVISAT DESCENDING passes

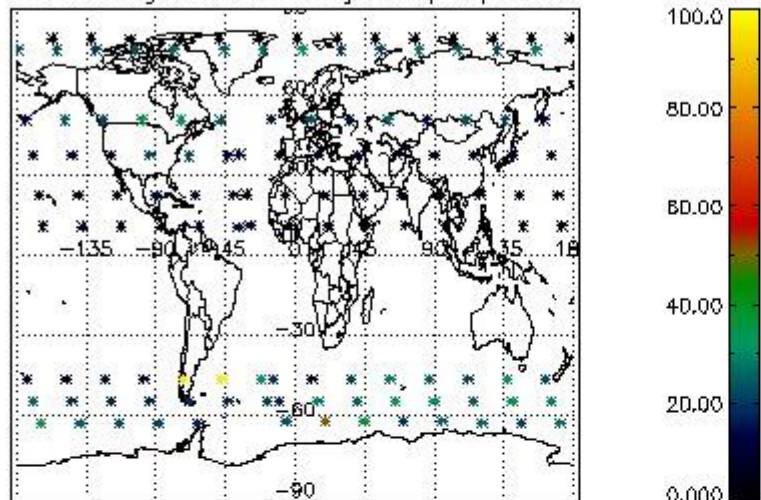


4.2 Plot quality information per product coming from level 1b processing (world map)

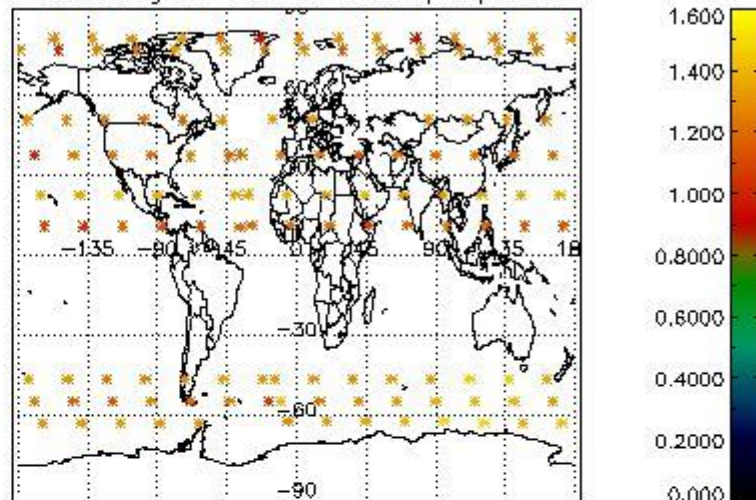
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



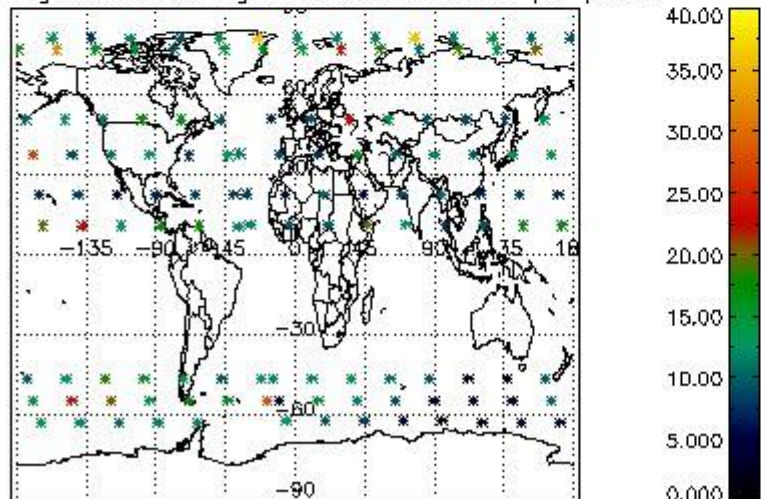
Percentage of cosmic ray hits per profile



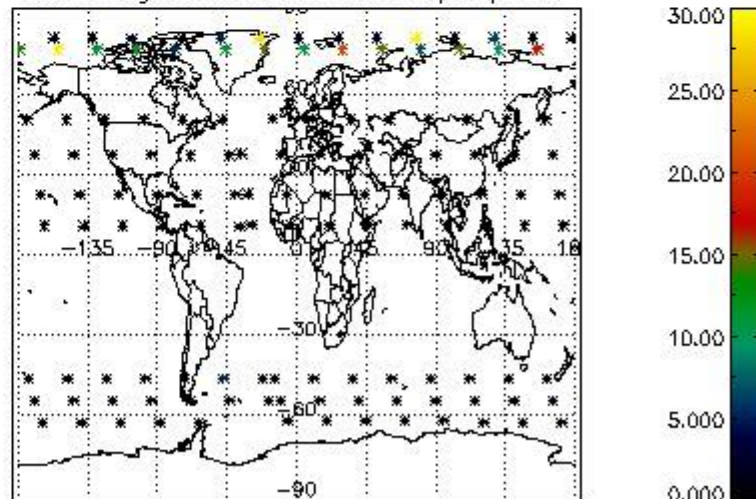
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

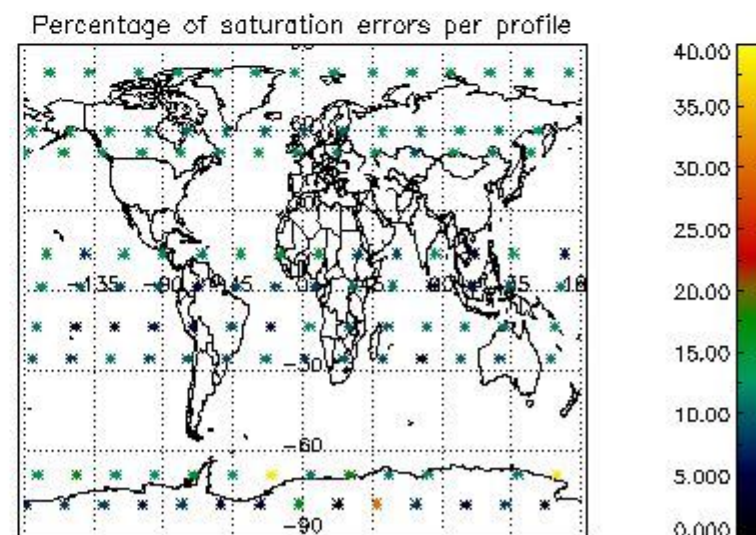
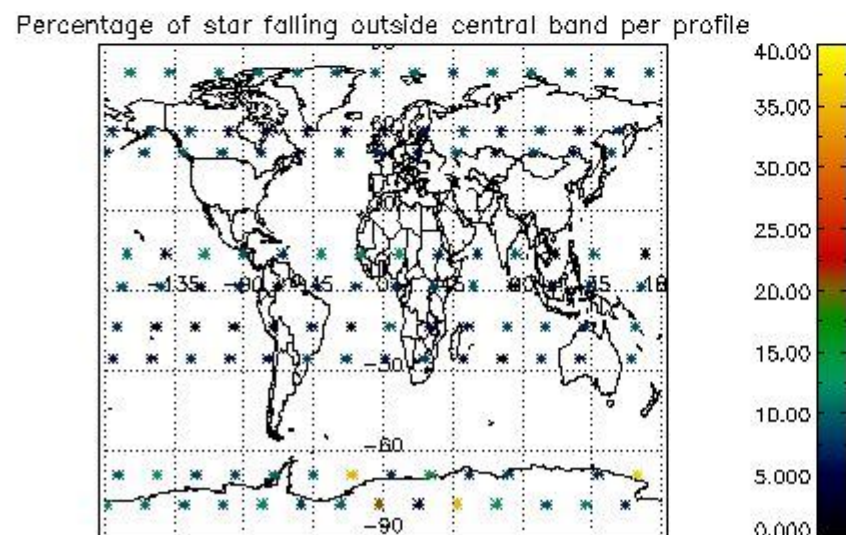
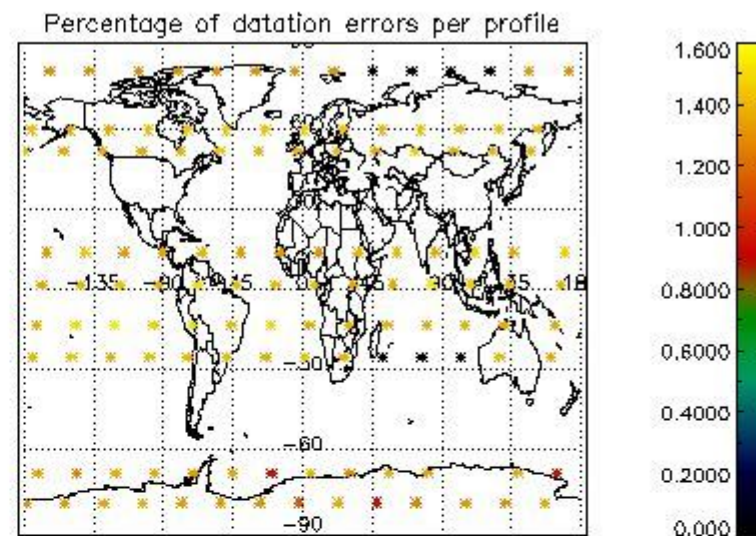
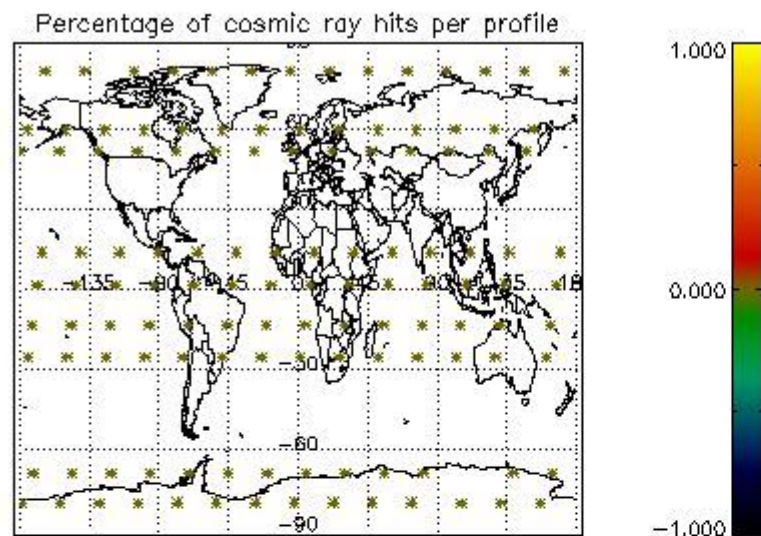


Percentage of saturation errors per profile



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





## 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

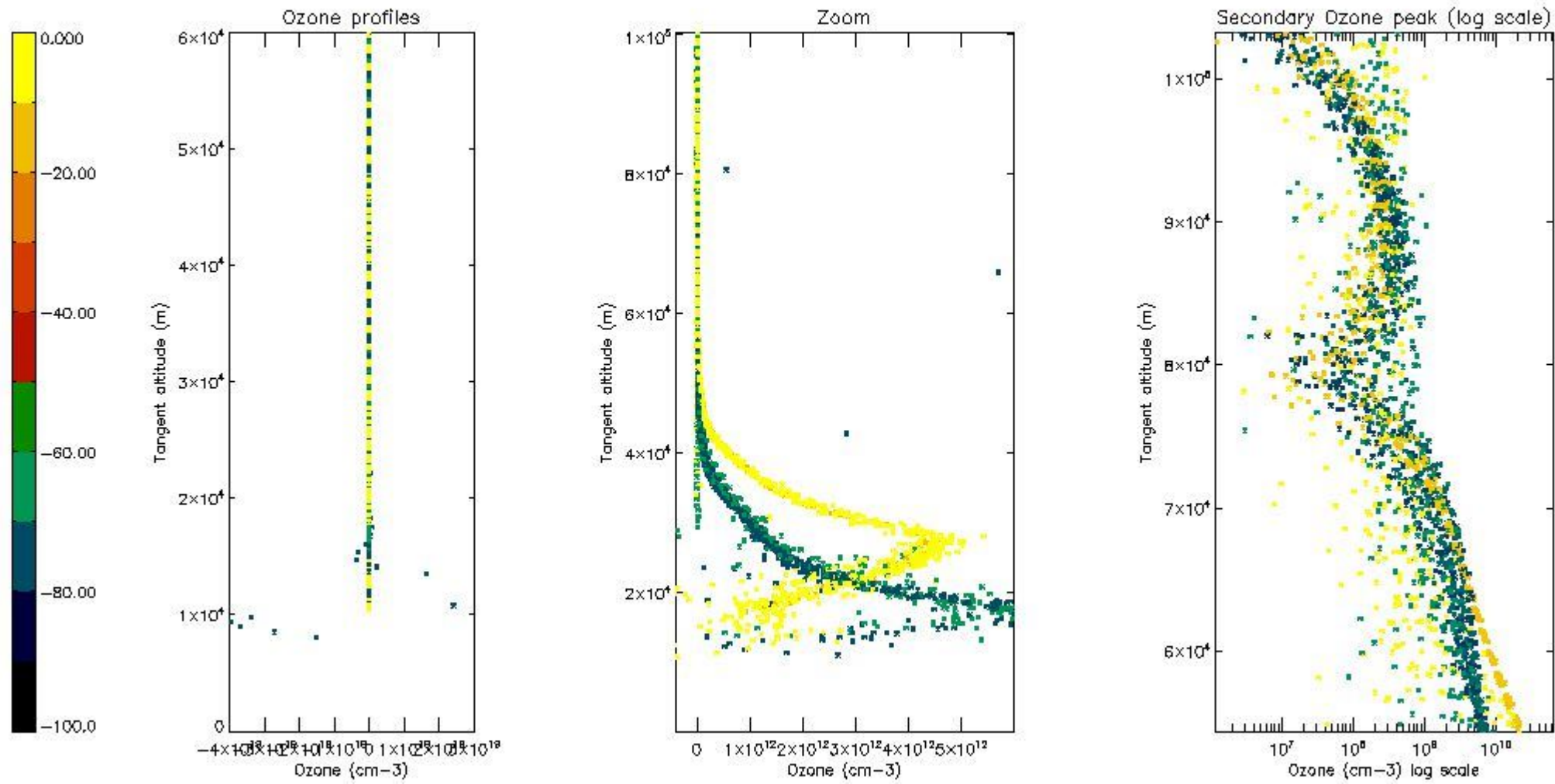
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	17

STD < 10	14
STD < 5	10

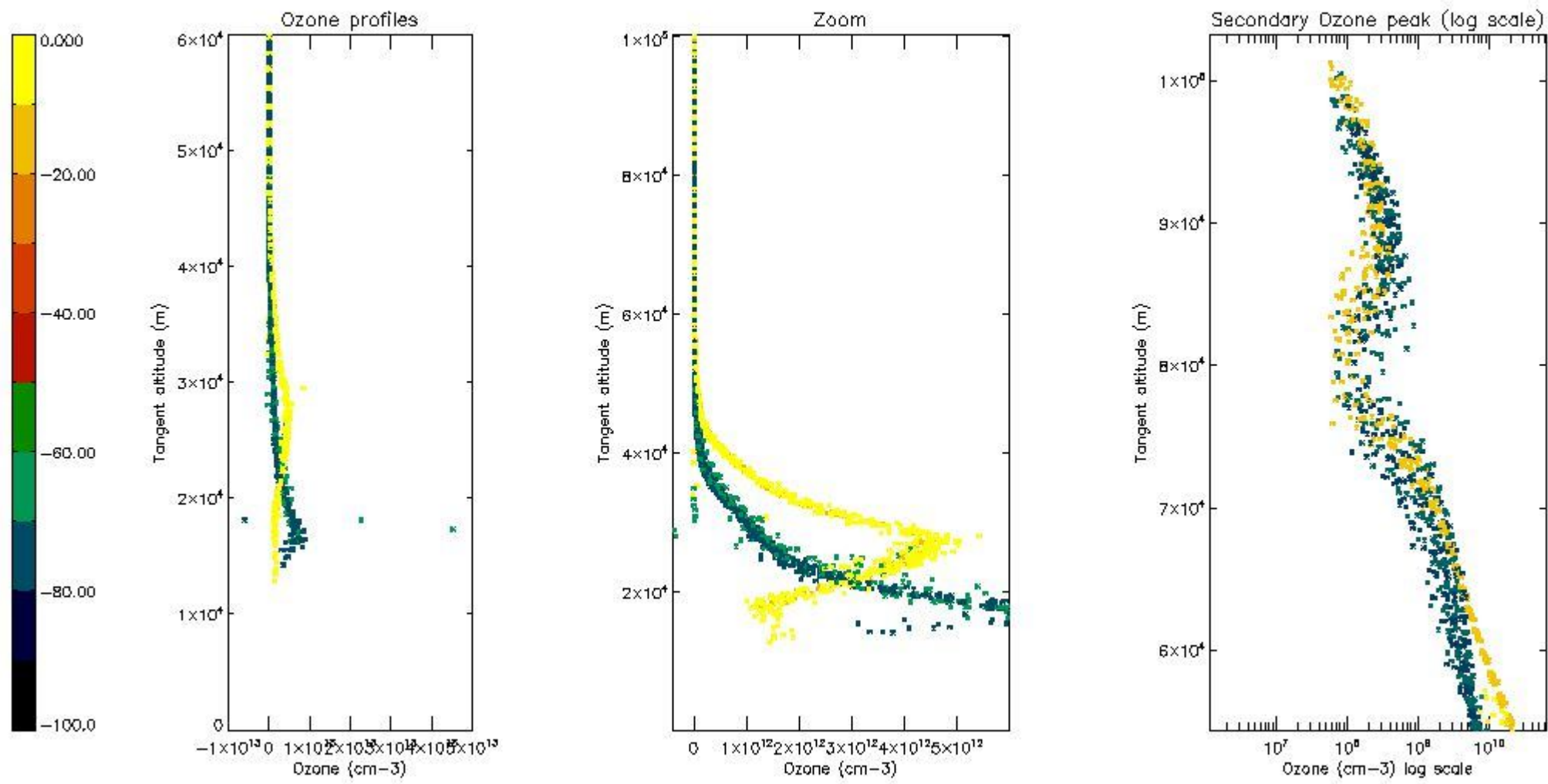
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

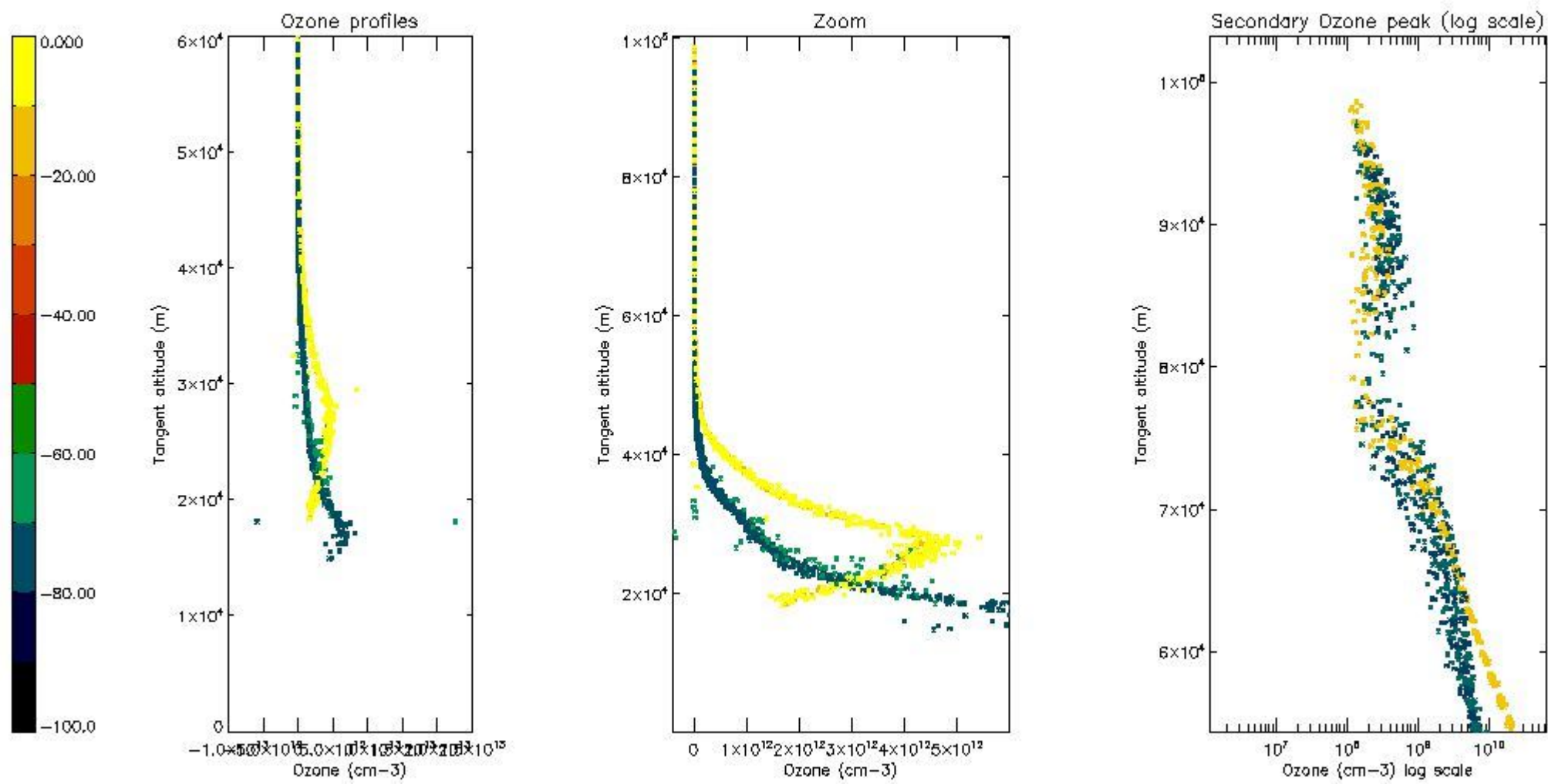
The colorbar represents the latitude.



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

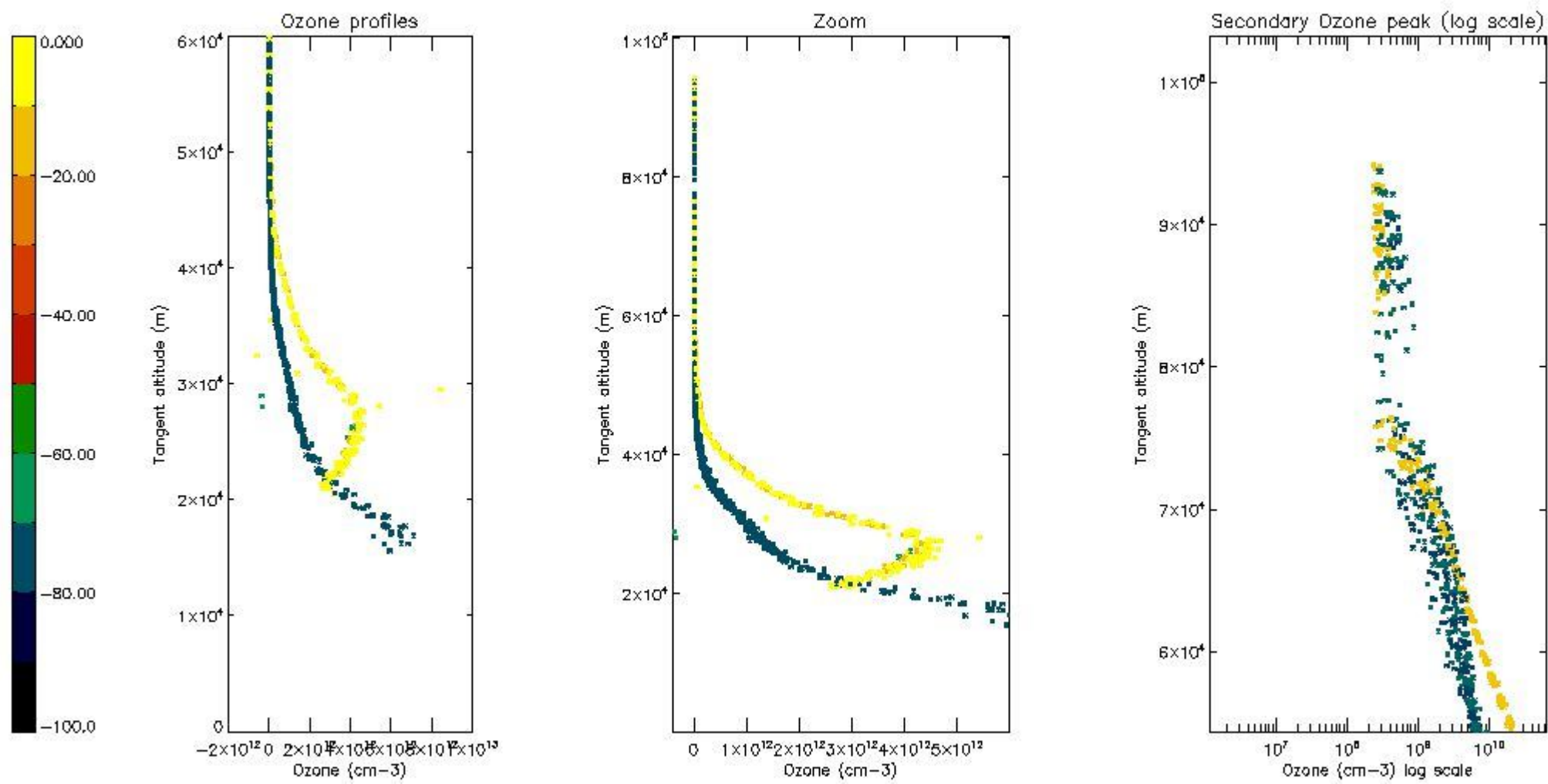
The colorbar represents the latitude.





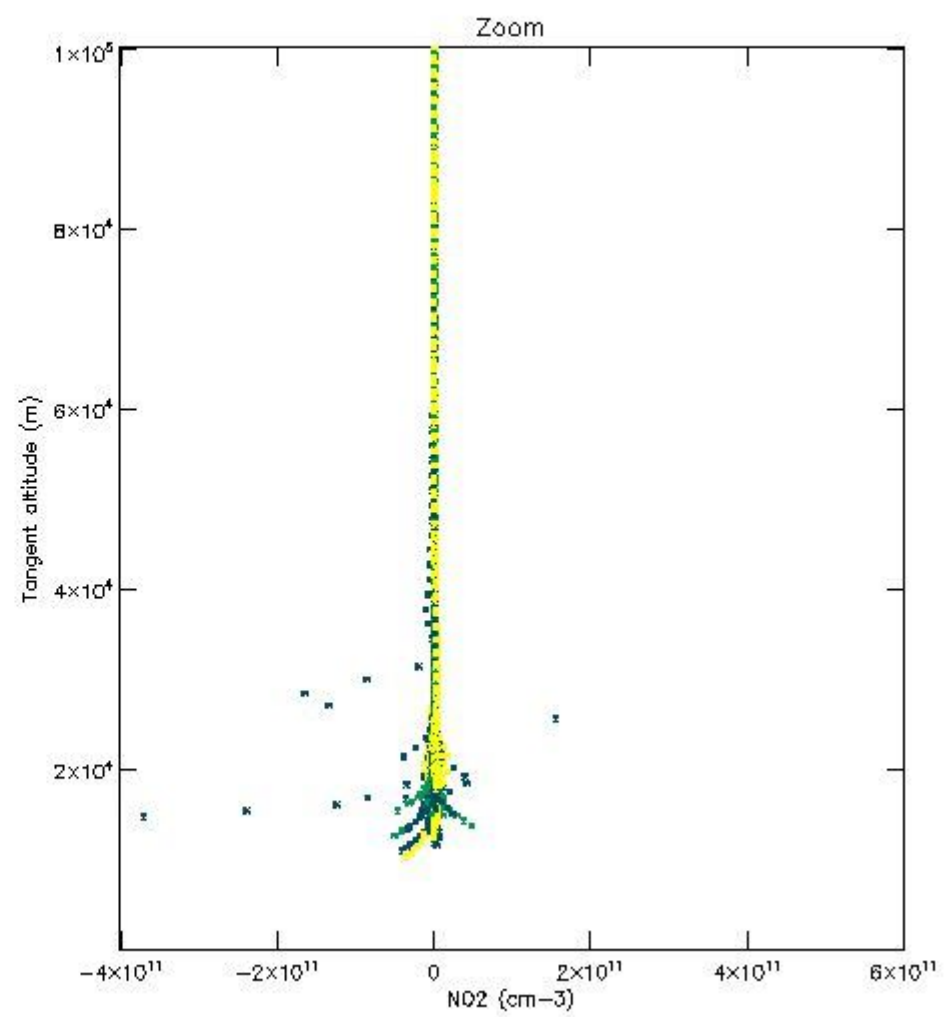
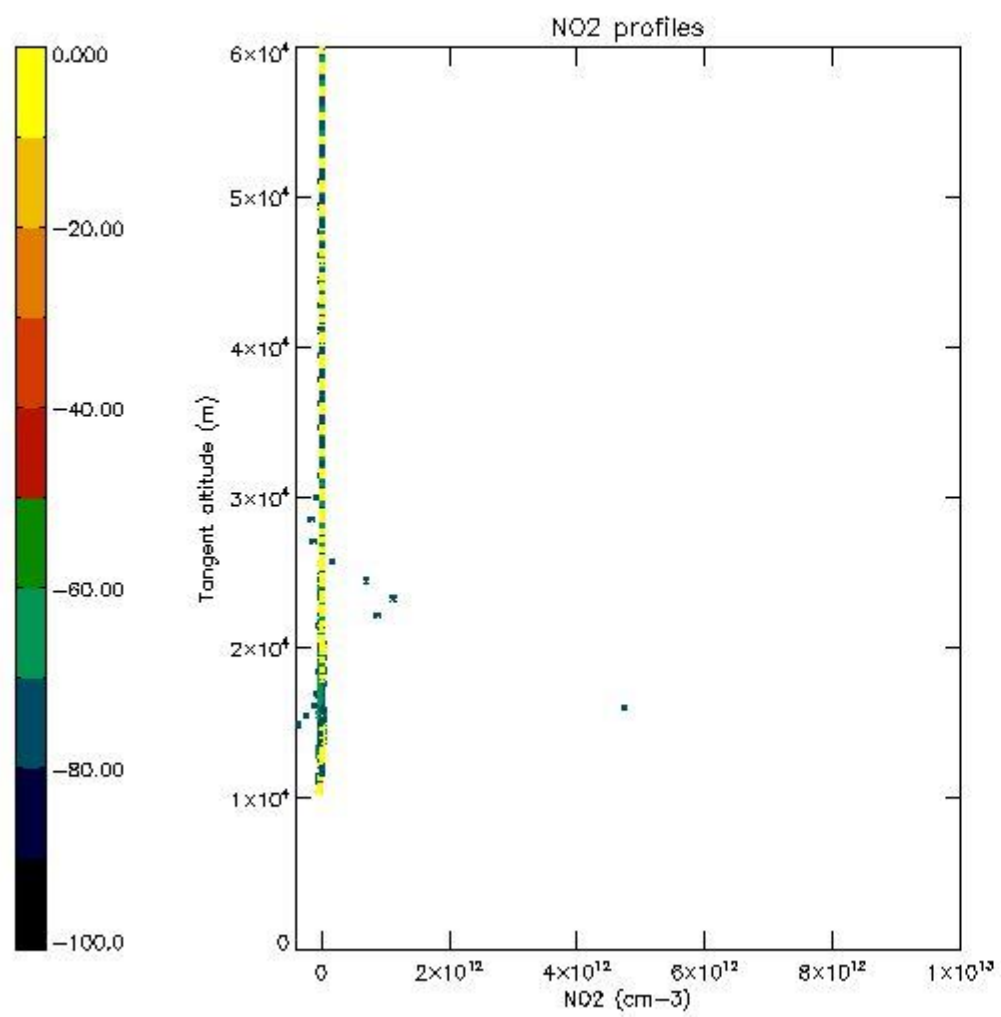
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



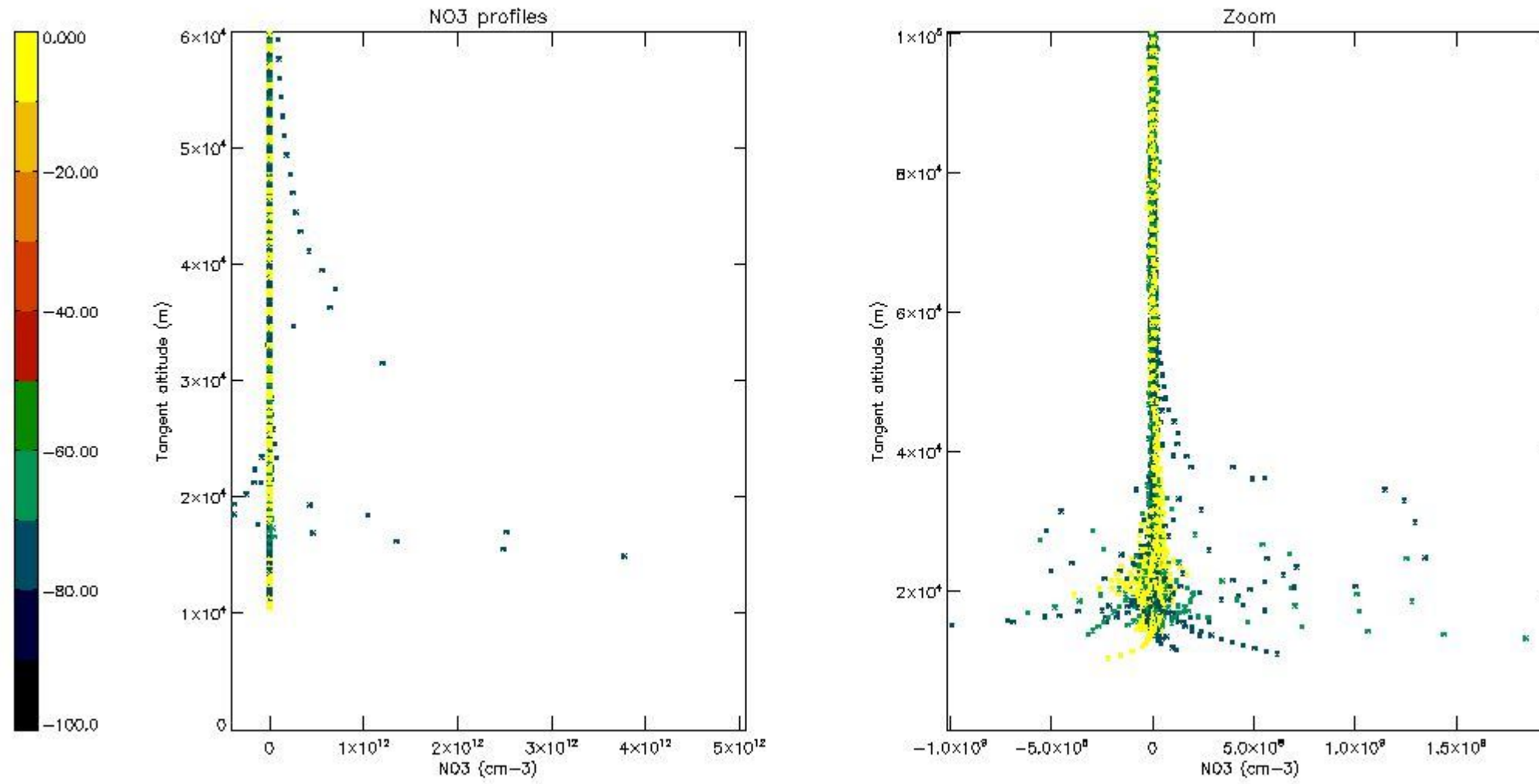
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

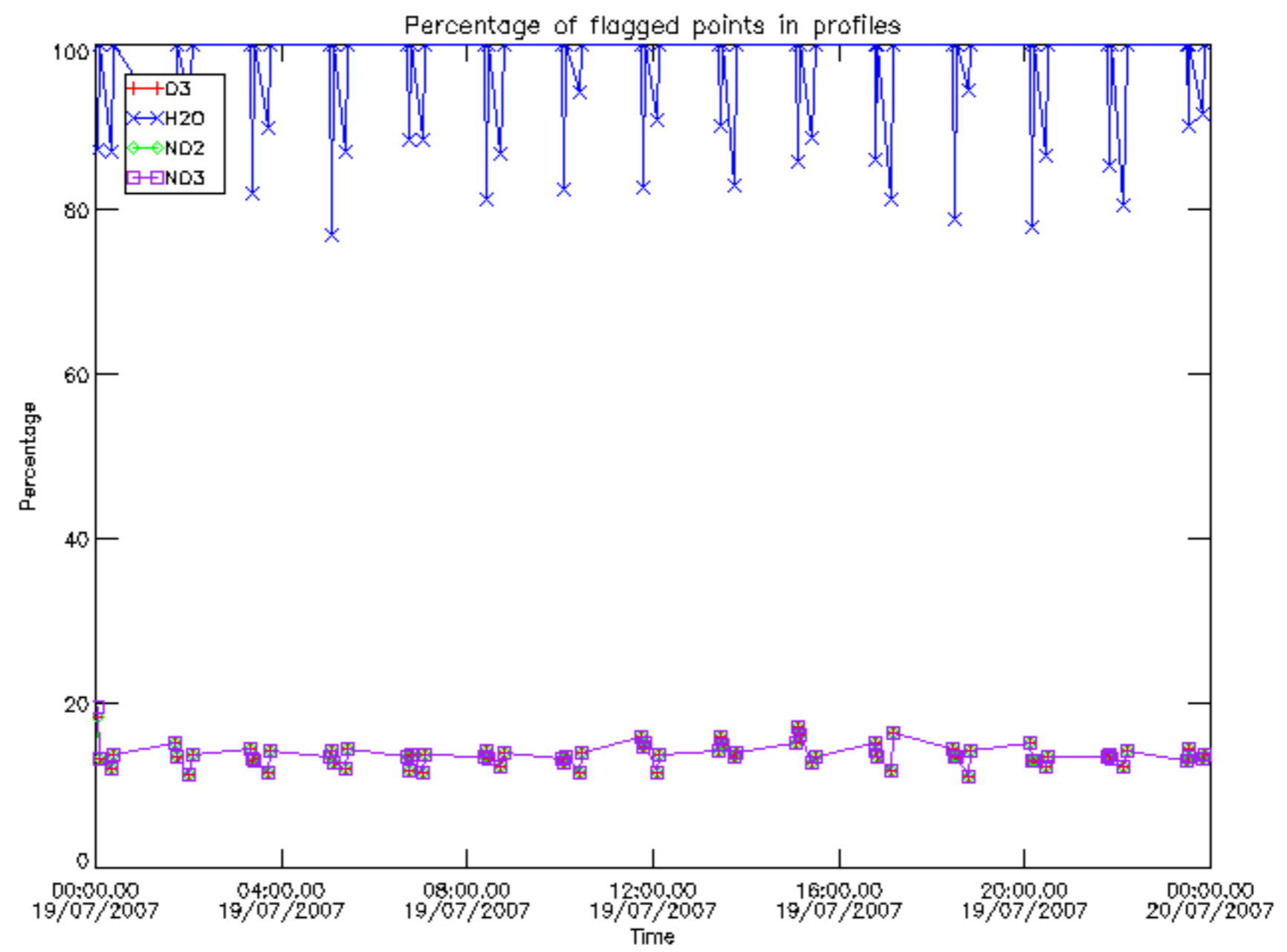


## 6. Auxiliary Data Files used for the production reported in section 2

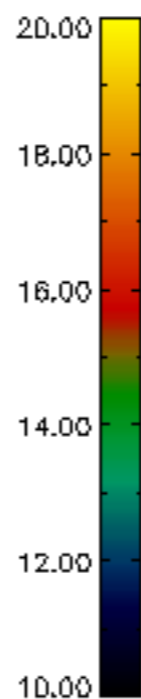
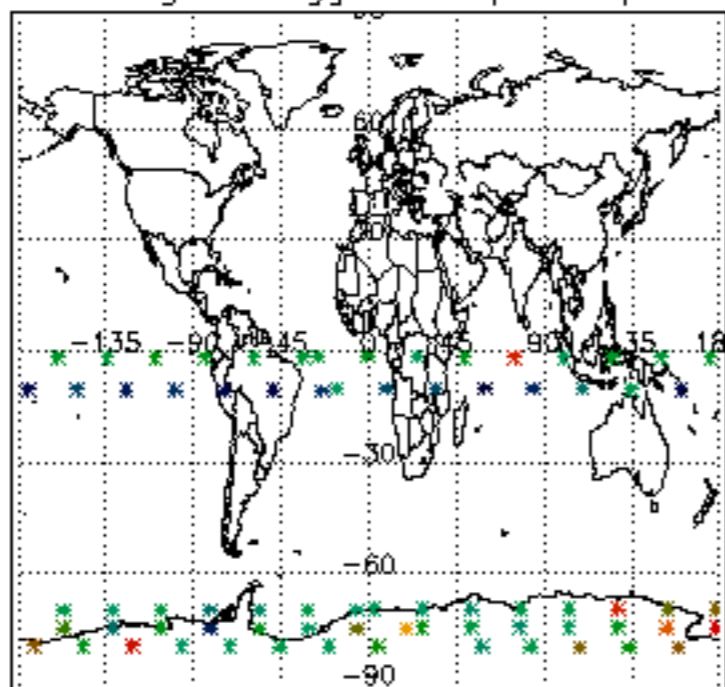
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-JUL-2007 00:02:06
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-JUL-2007 00:02:06
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-JUL-2007 00:02:06

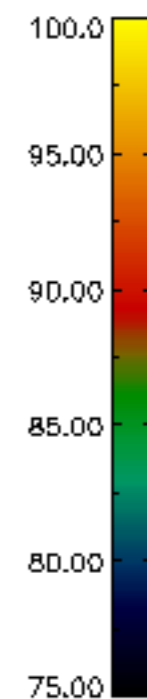
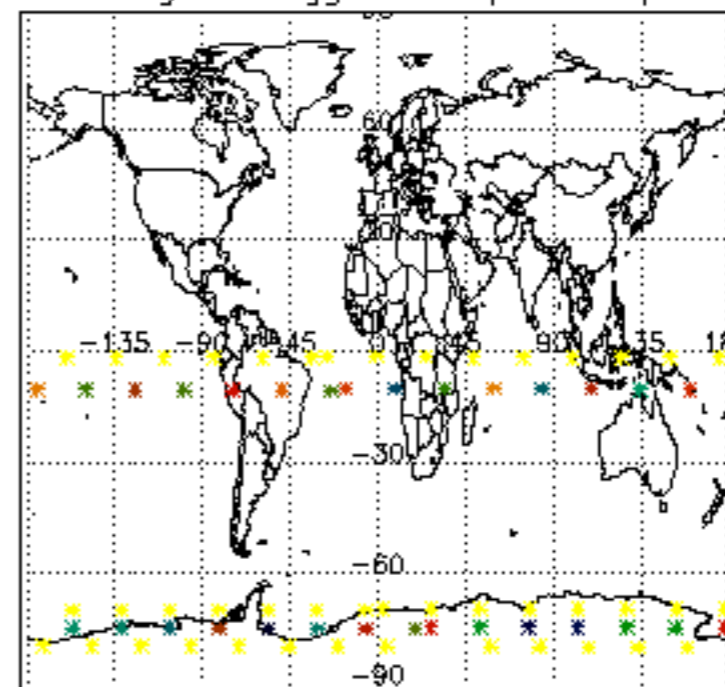




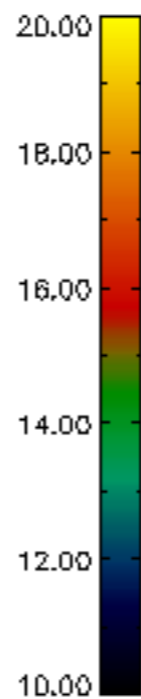
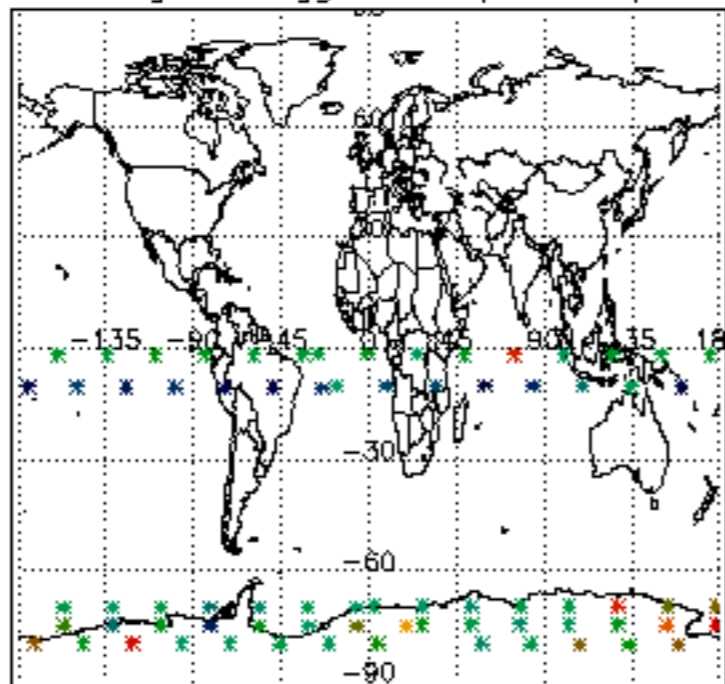
Percentage of flagged data per D3 profile



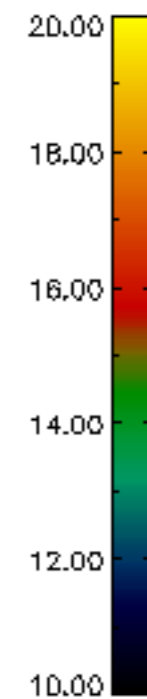
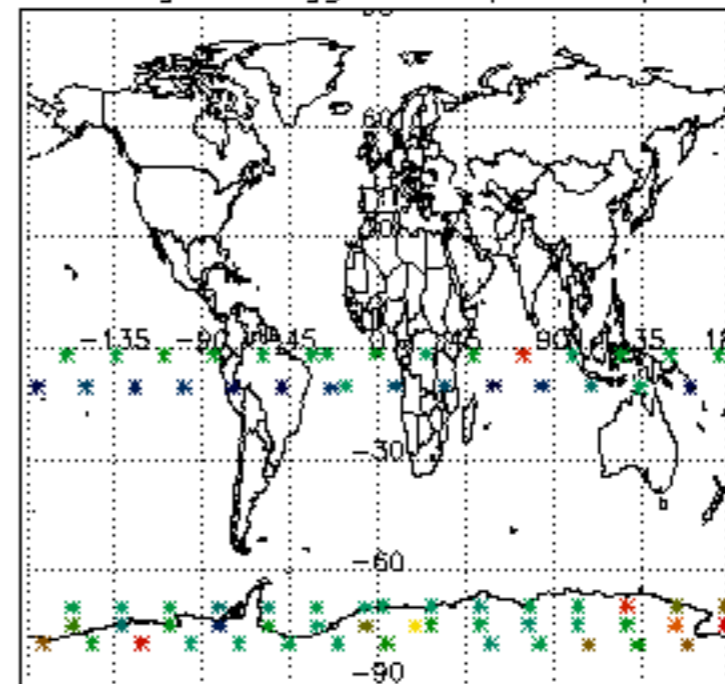
Percentage of flagged data per H2O profile

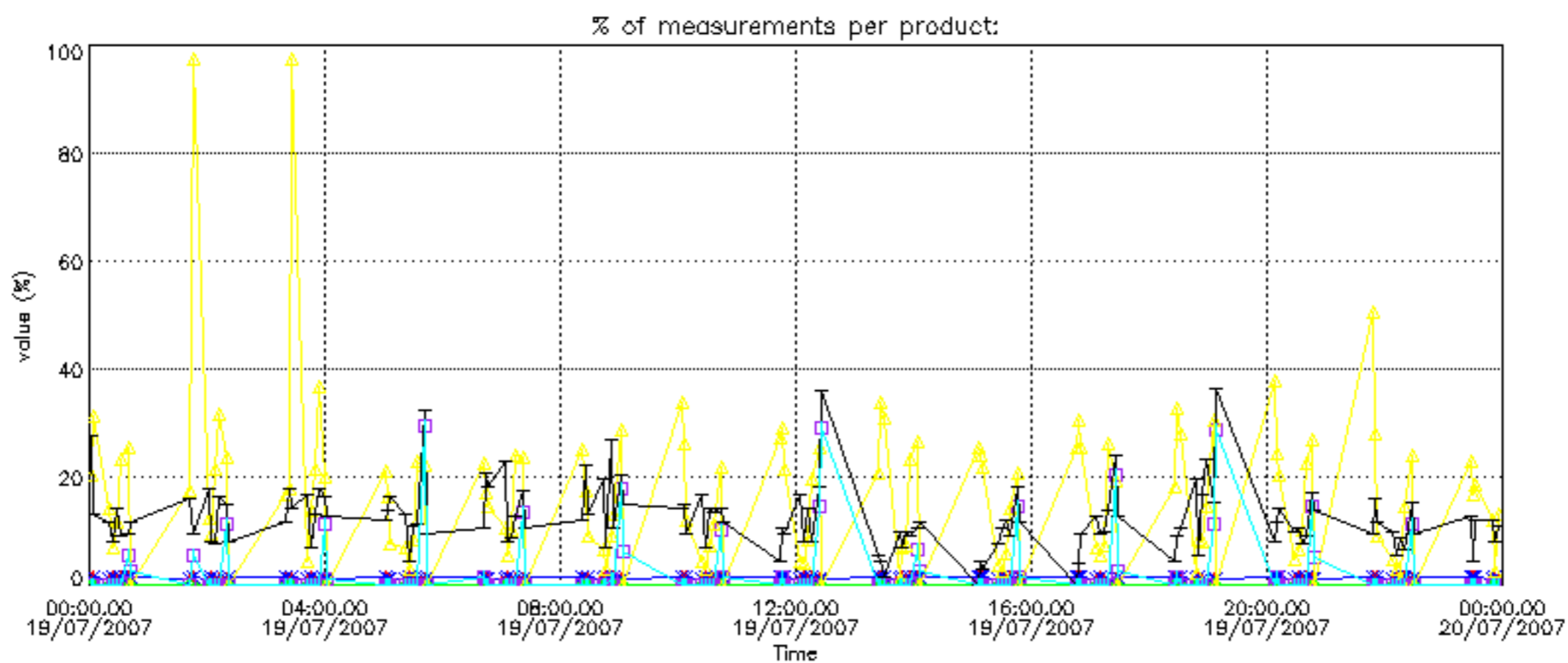


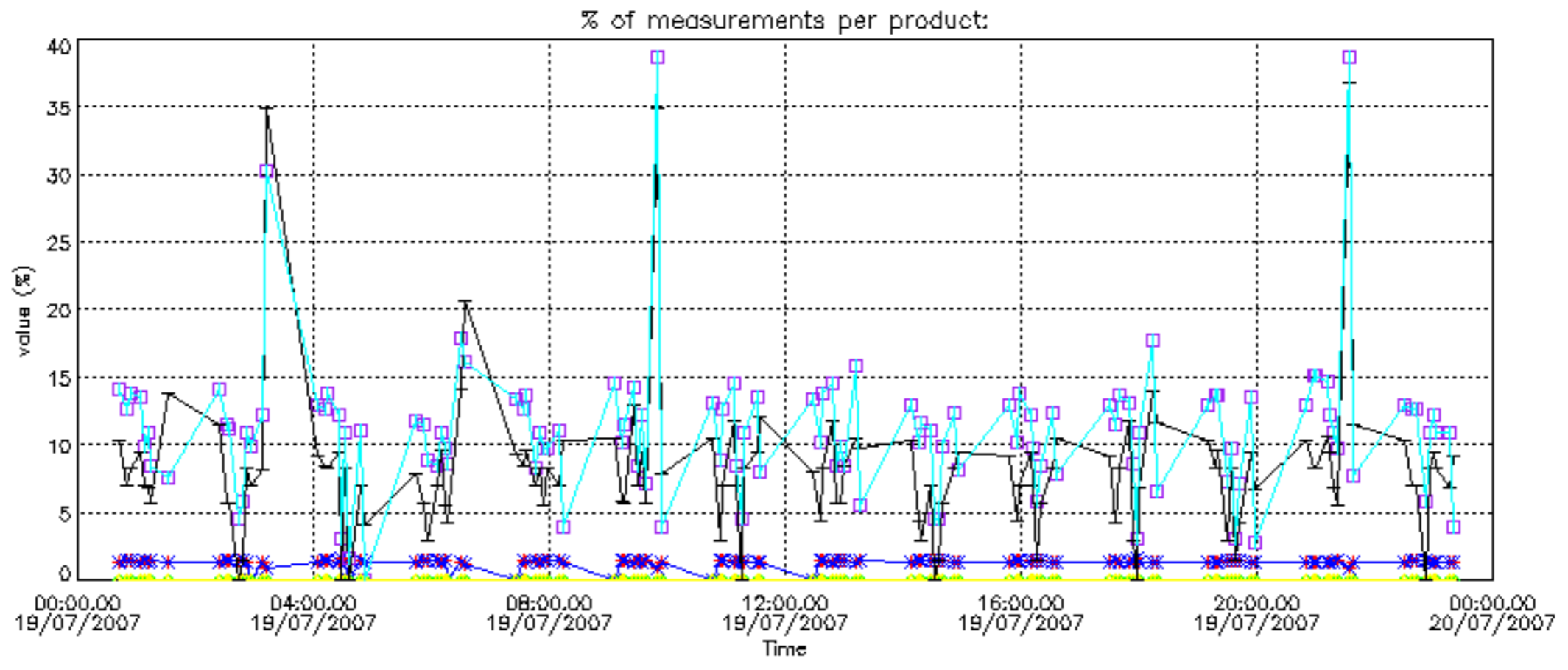
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

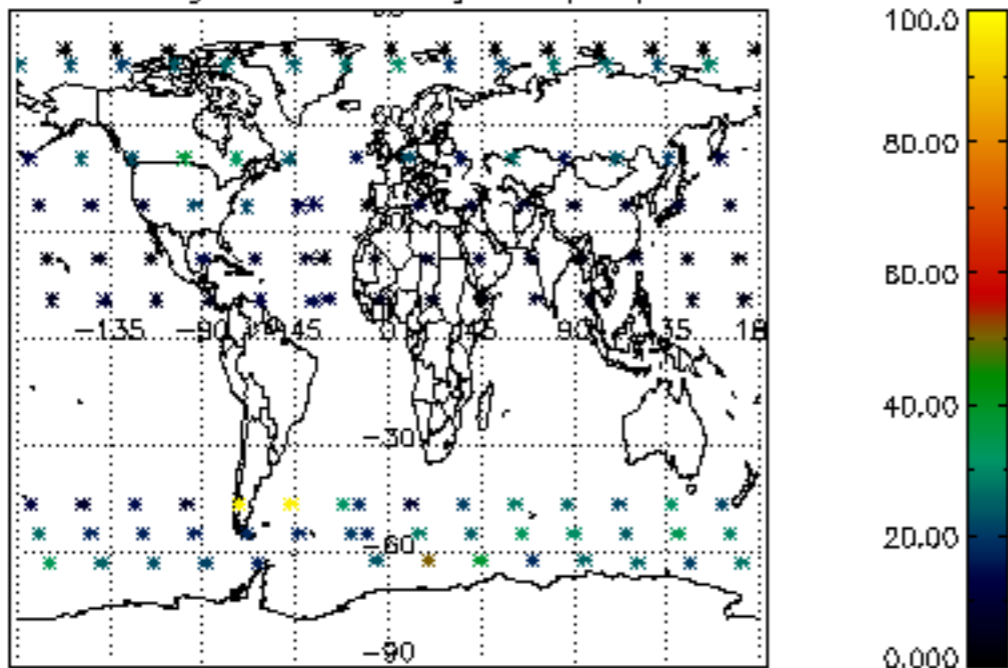




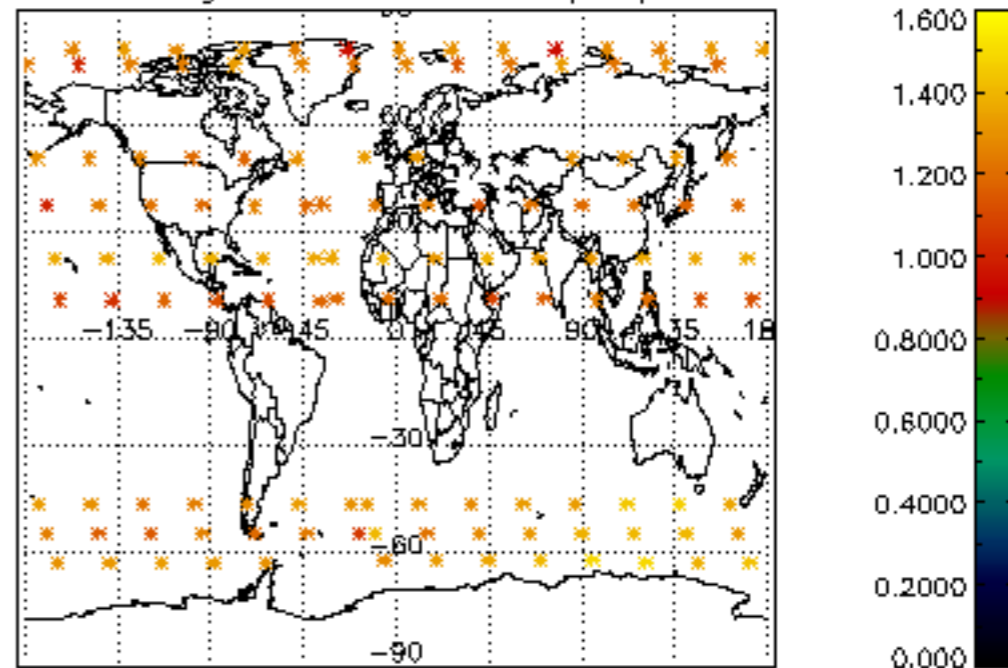




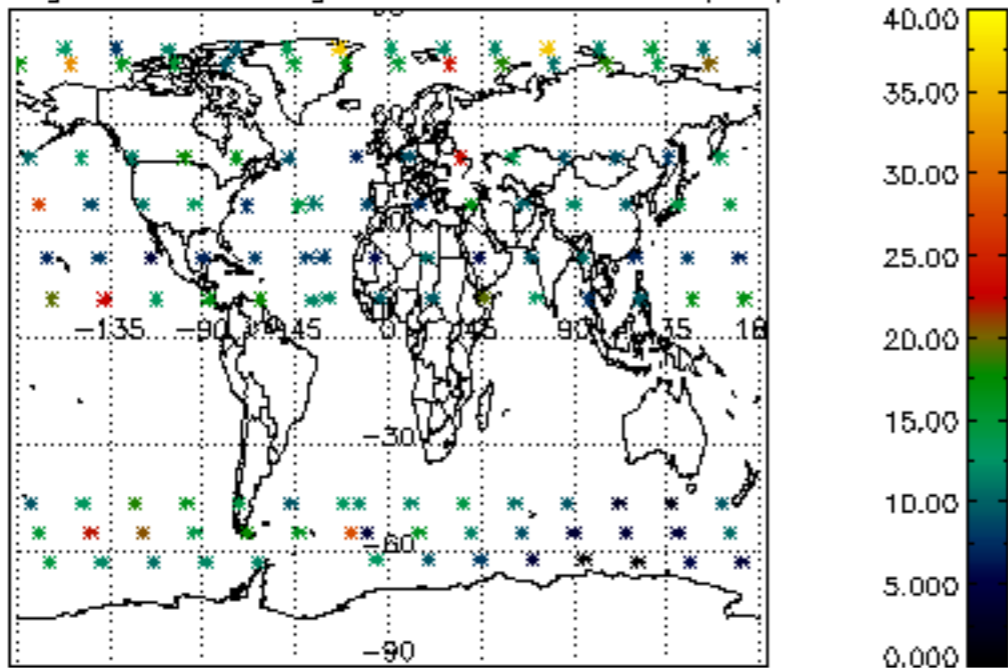
Percentage of cosmic ray hits per profile



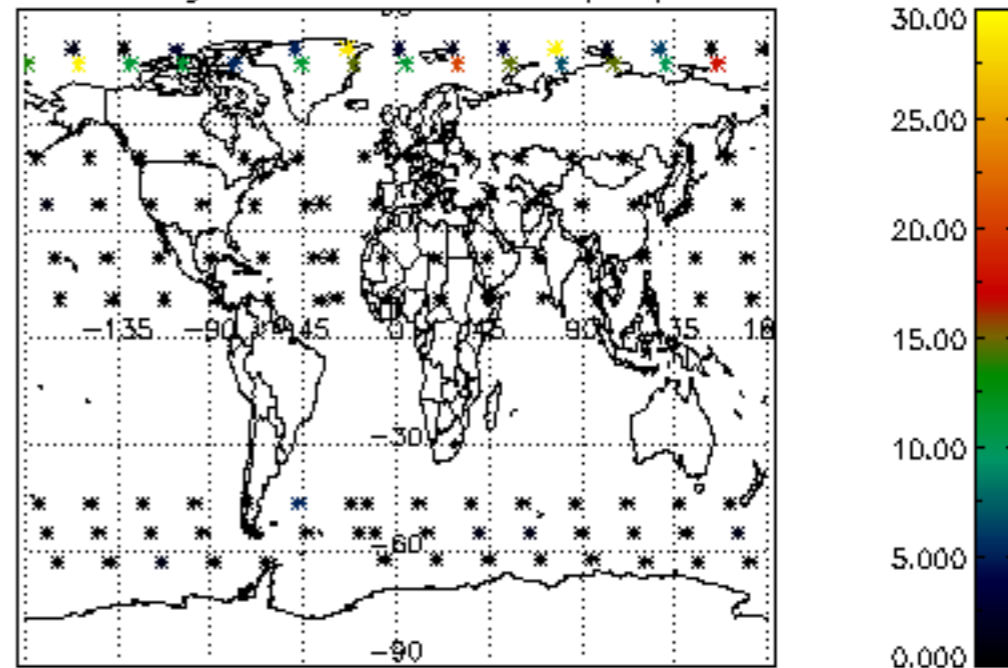
Percentage of datation errors per profile



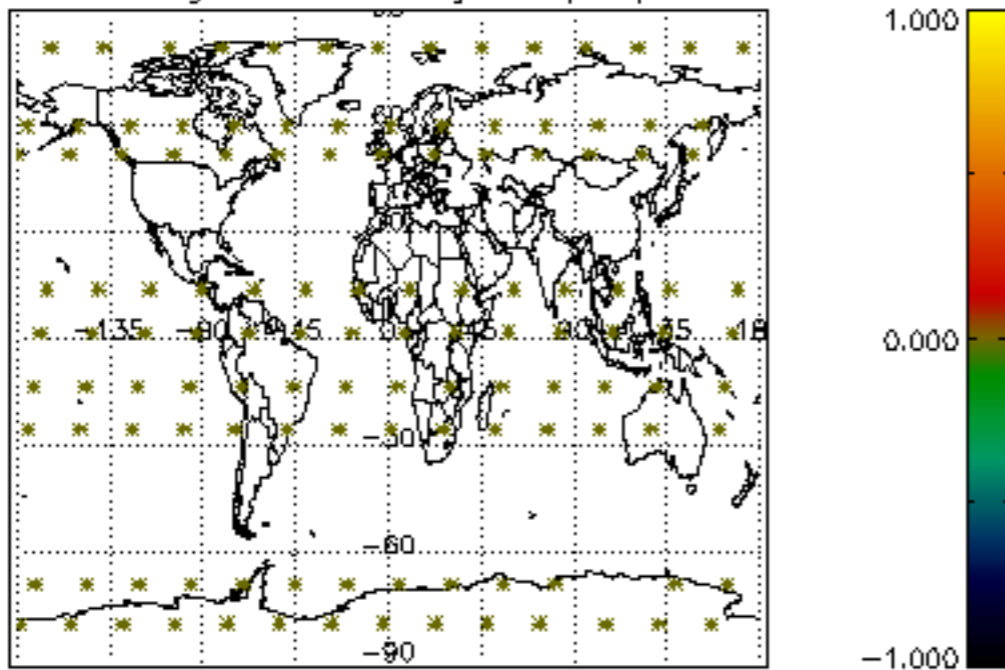
Percentage of star falling outside central band per profile



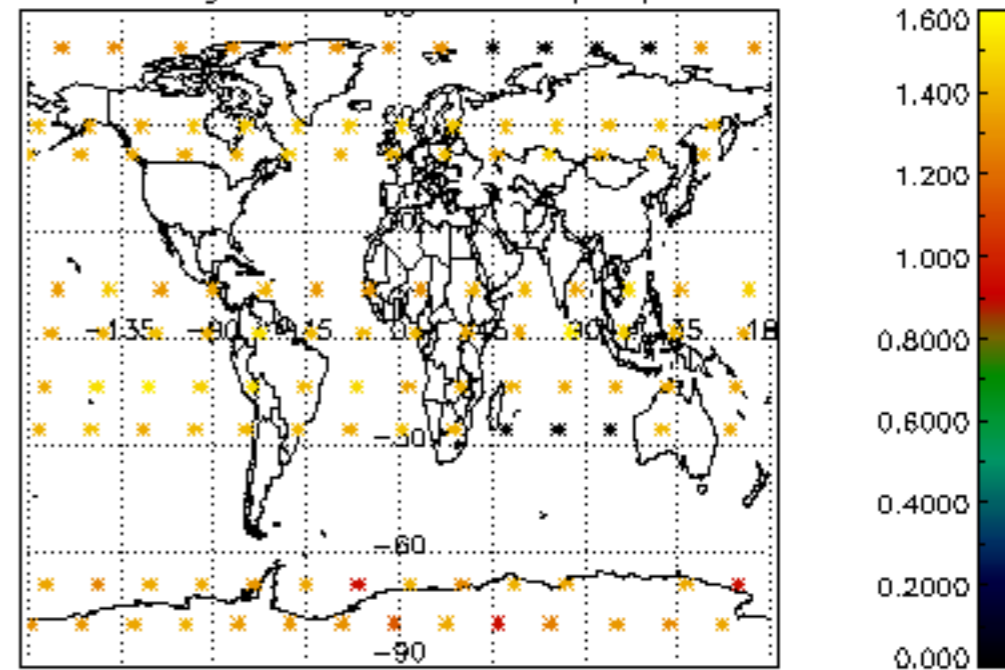
Percentage of saturation errors per profile



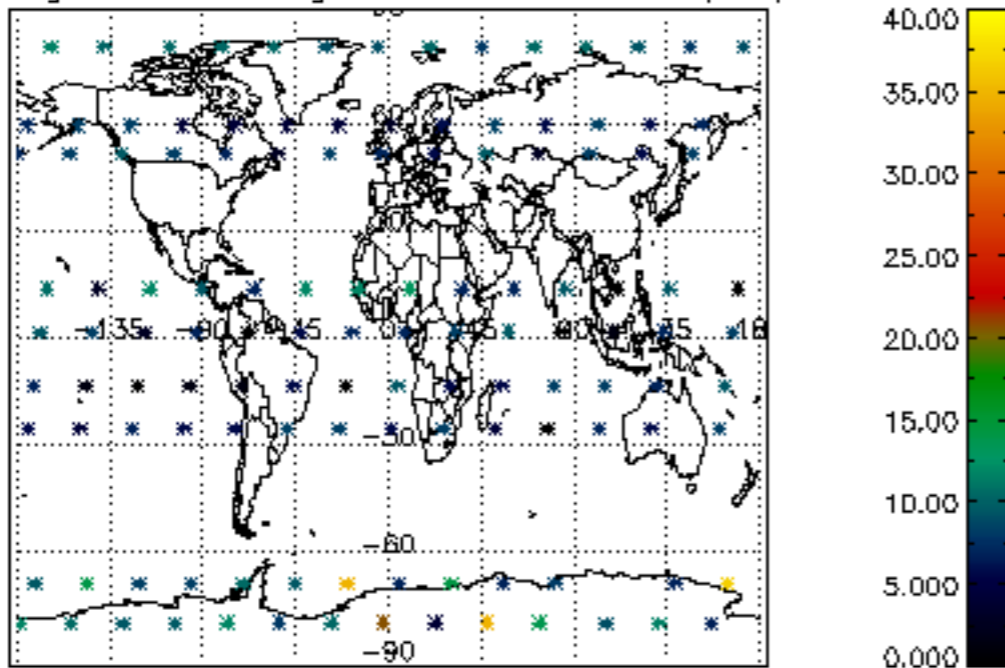
Percentage of cosmic ray hits per profile



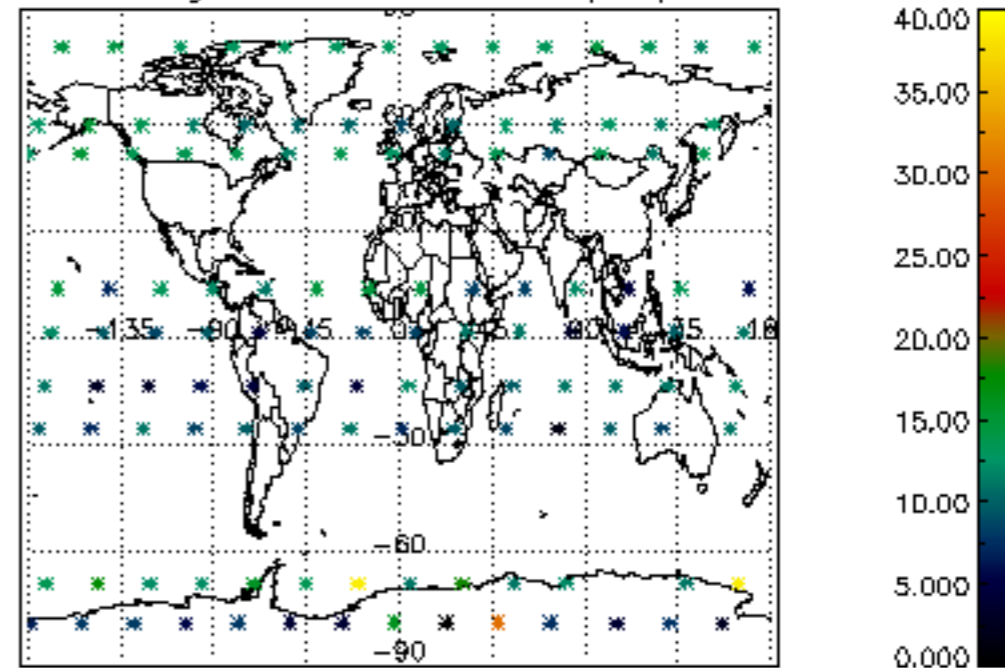
Percentage of datation errors per profile

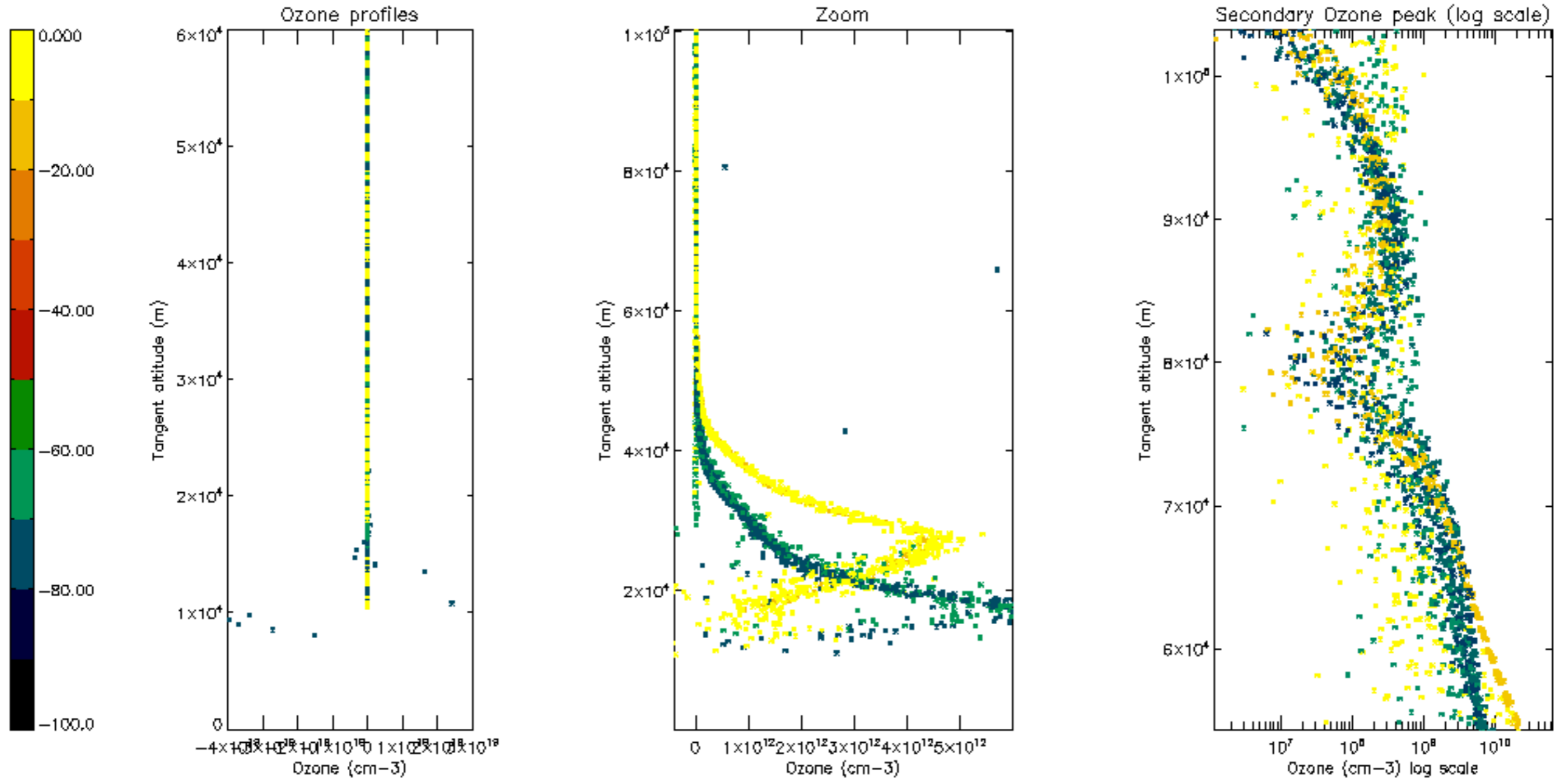


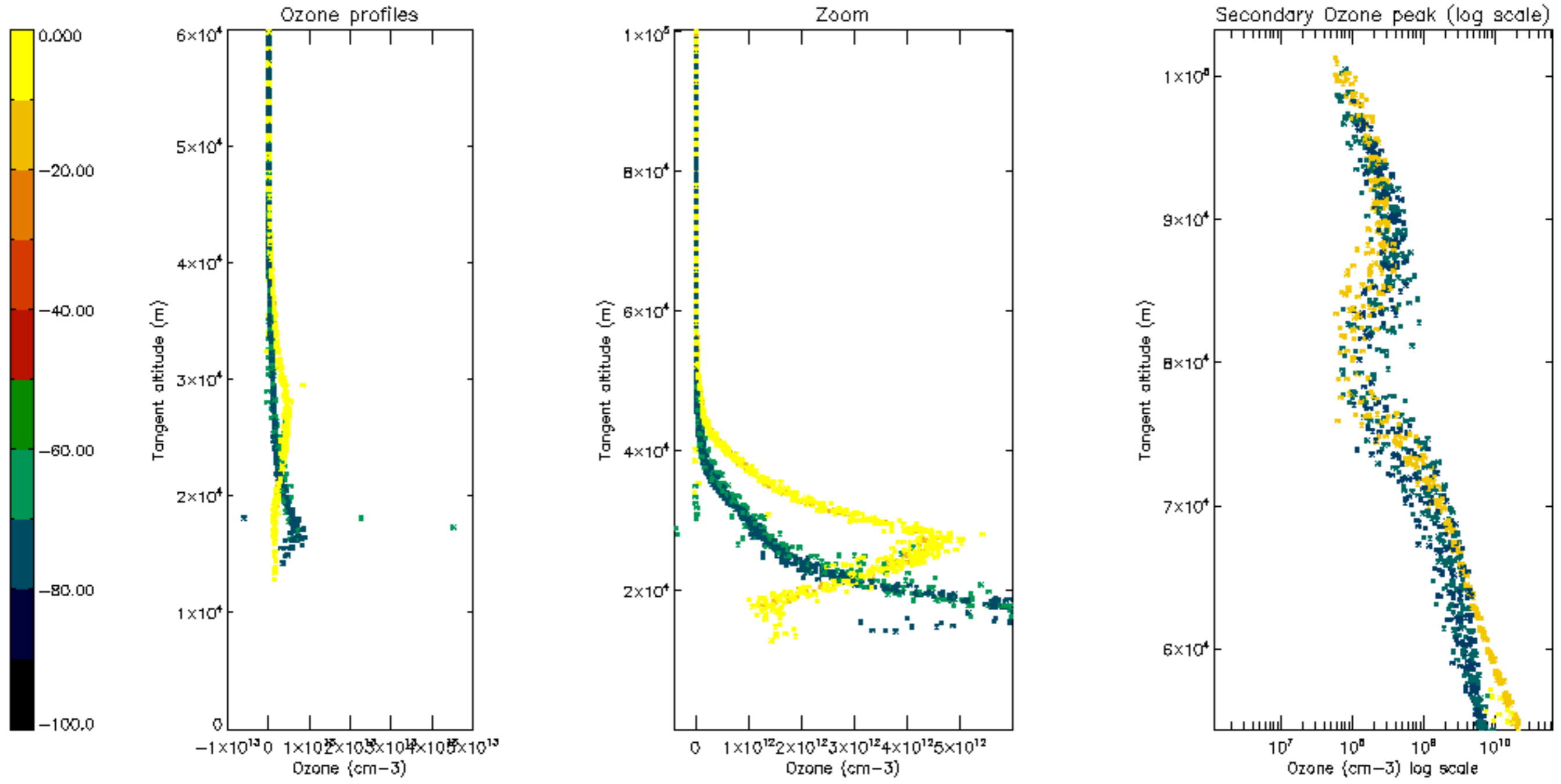
Percentage of star falling outside central band per profile



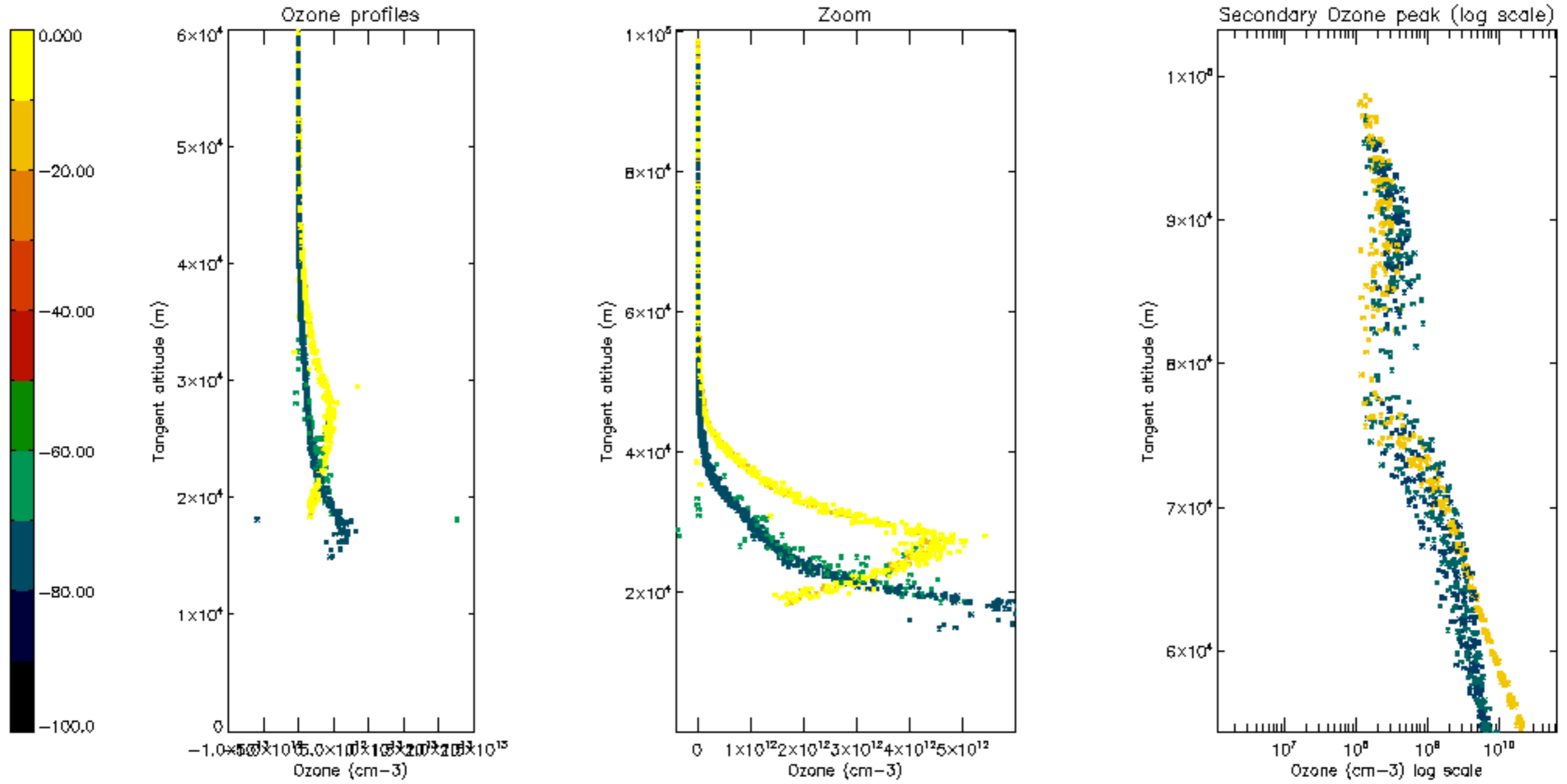
Percentage of saturation errors per profile

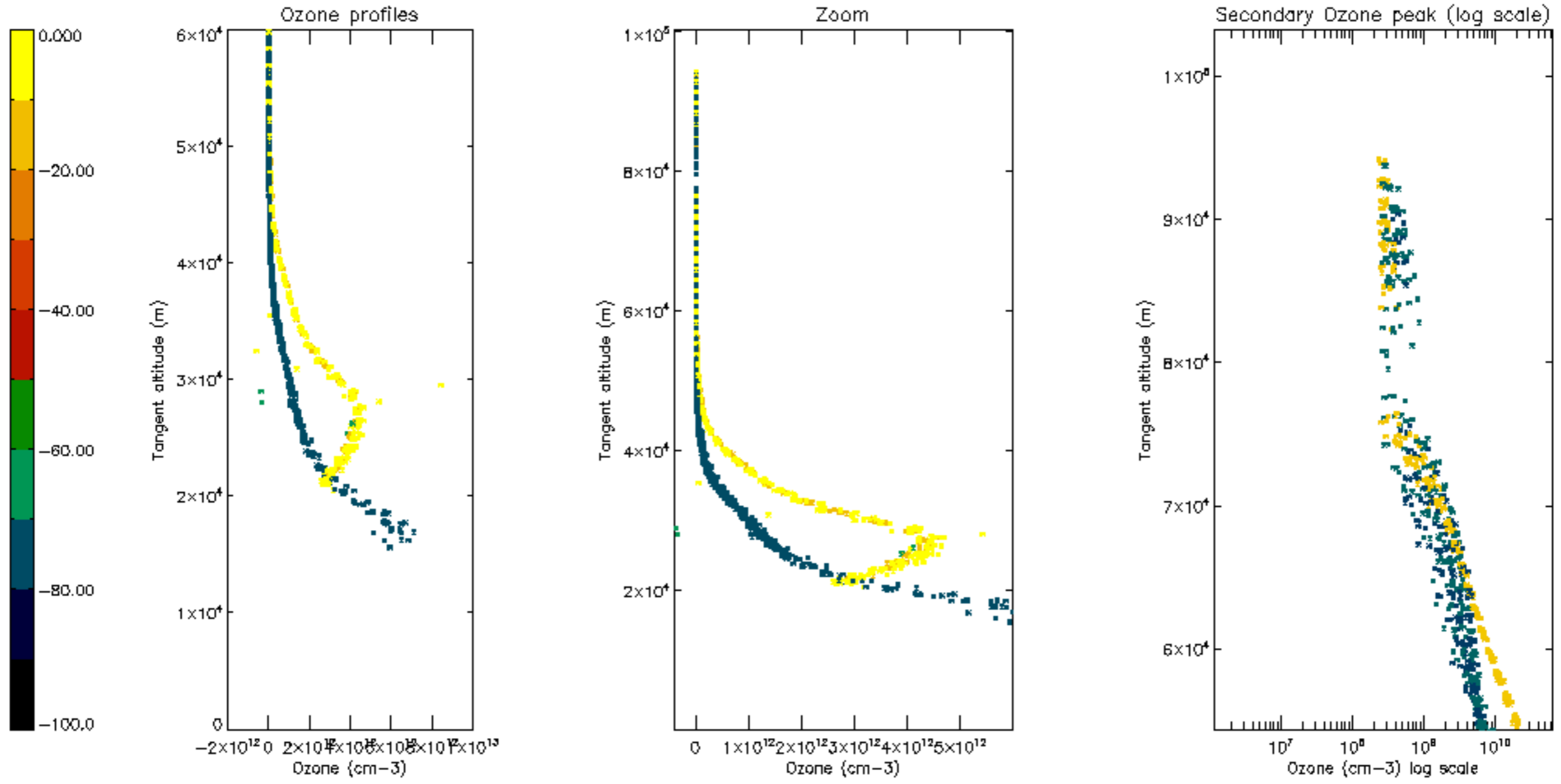


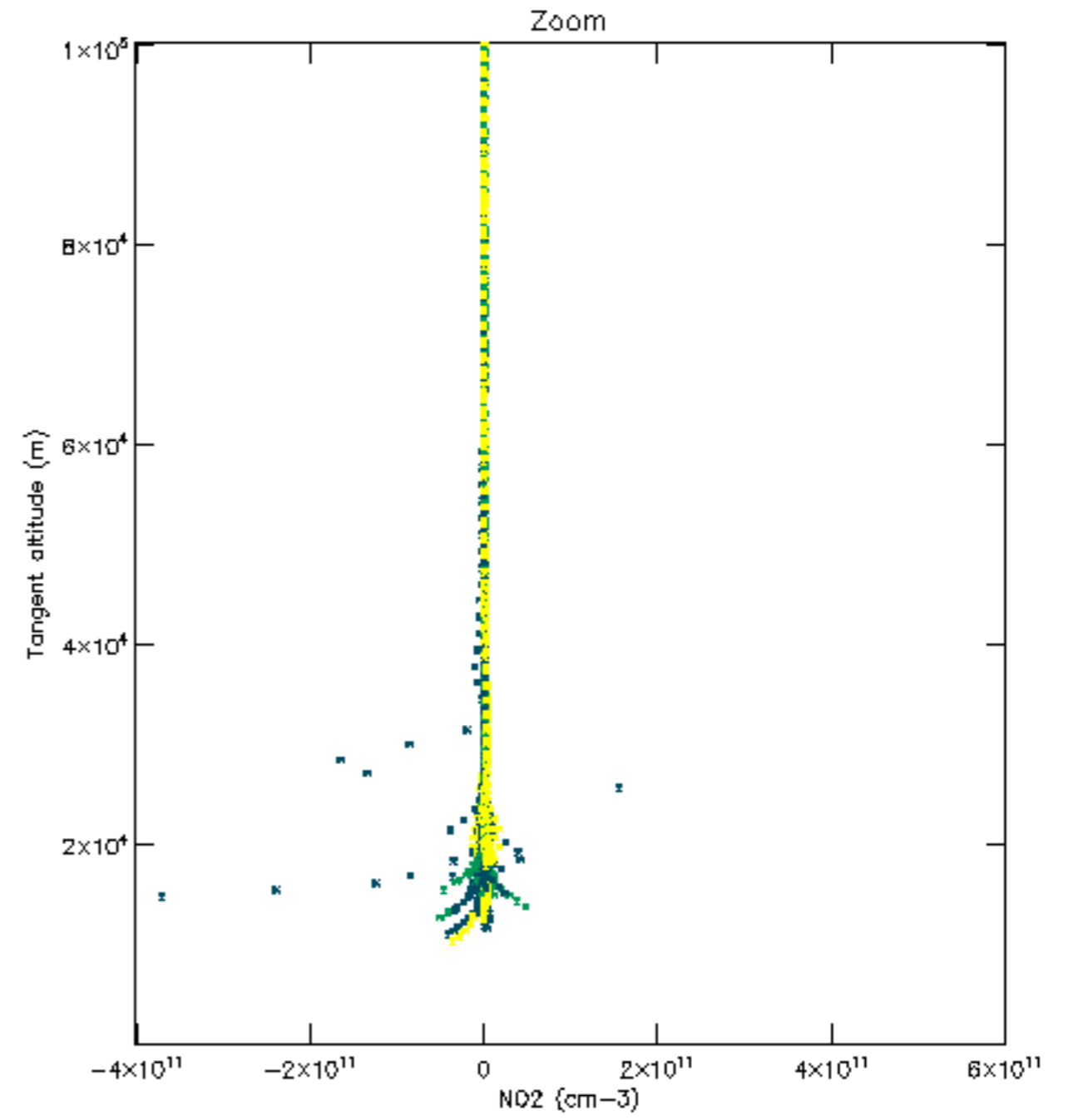
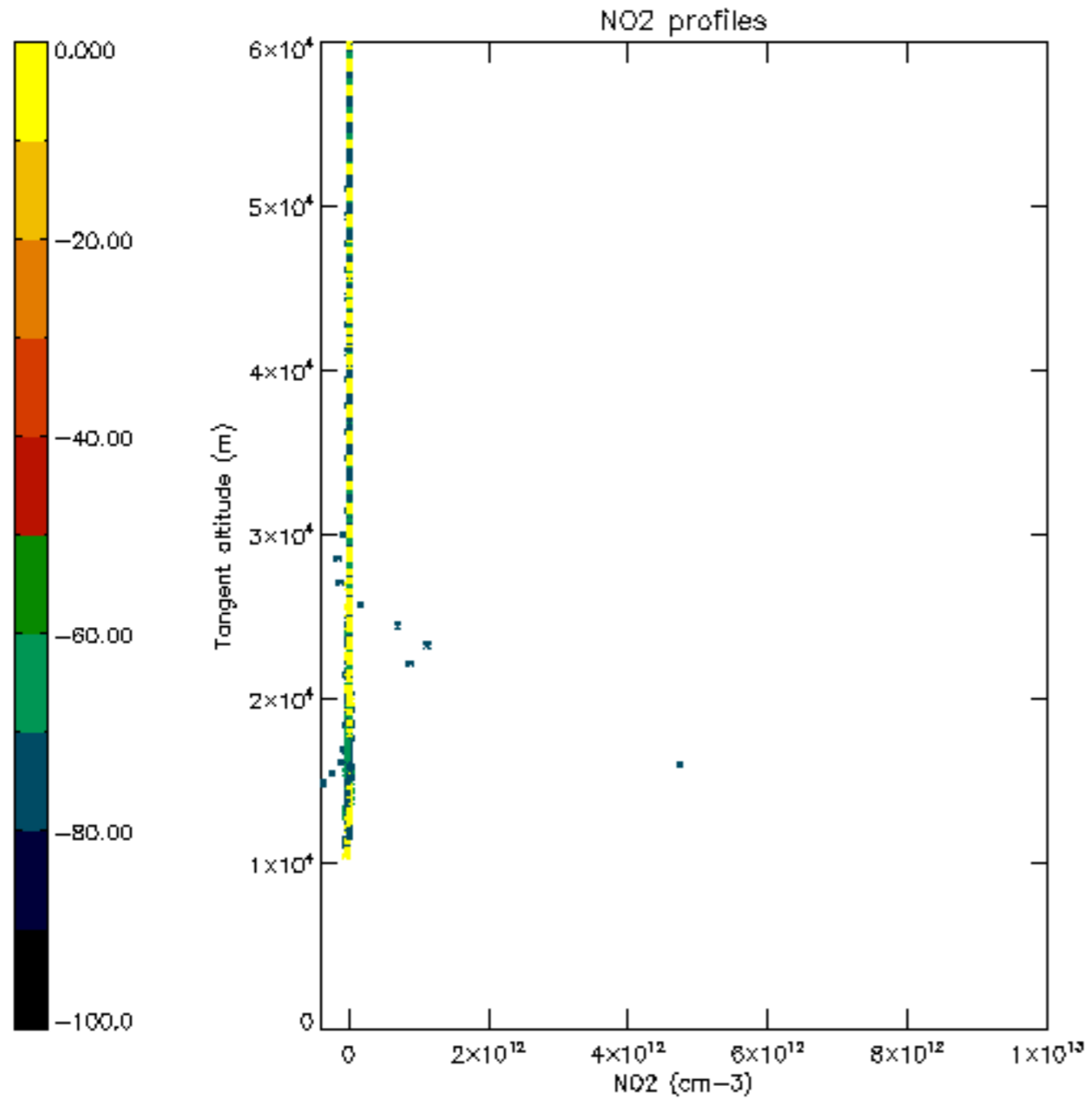


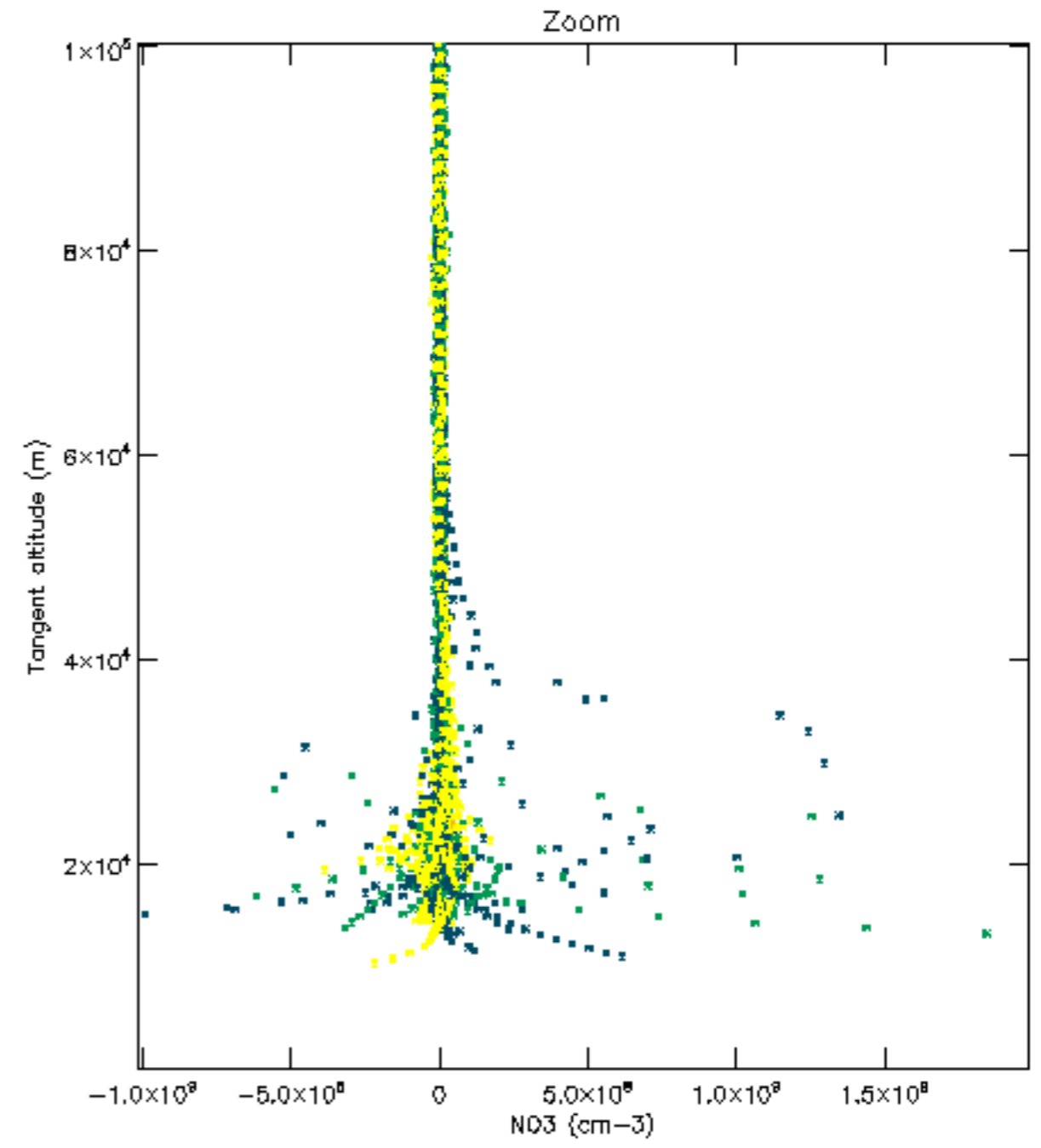
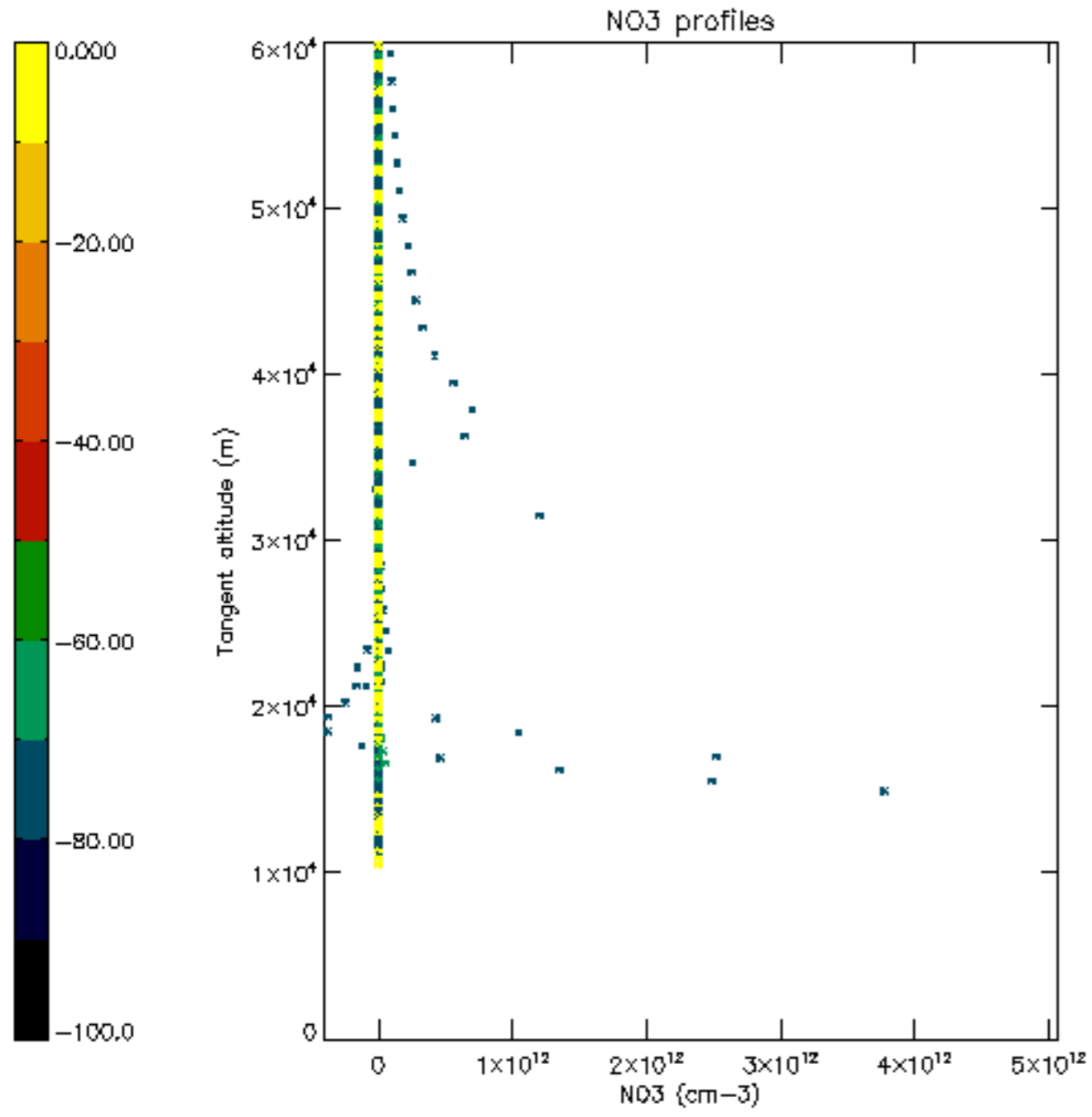




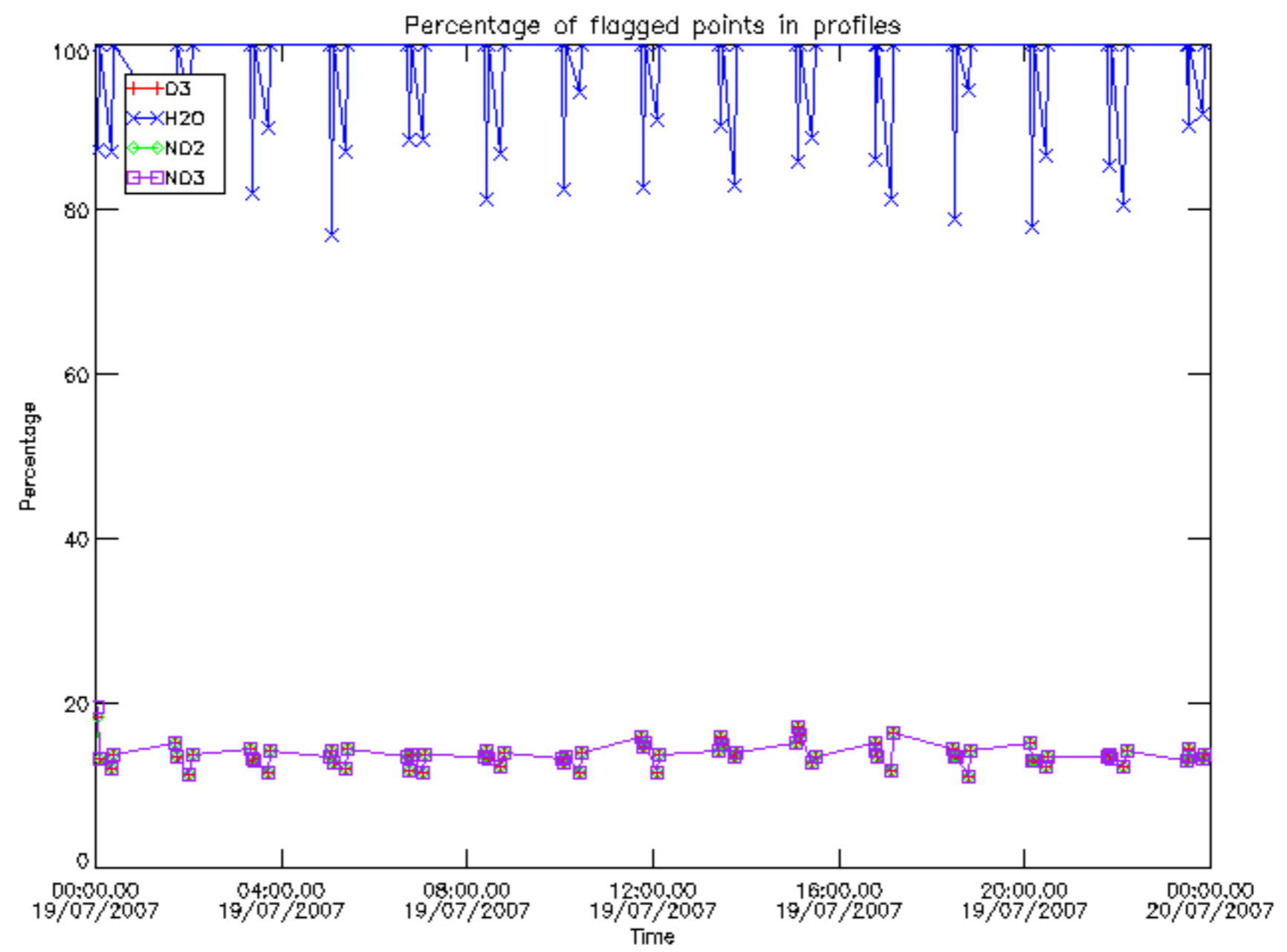




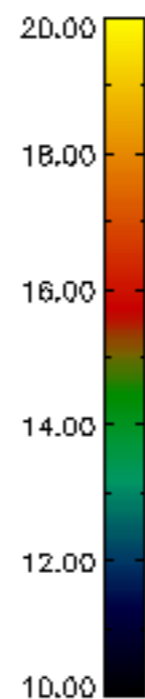
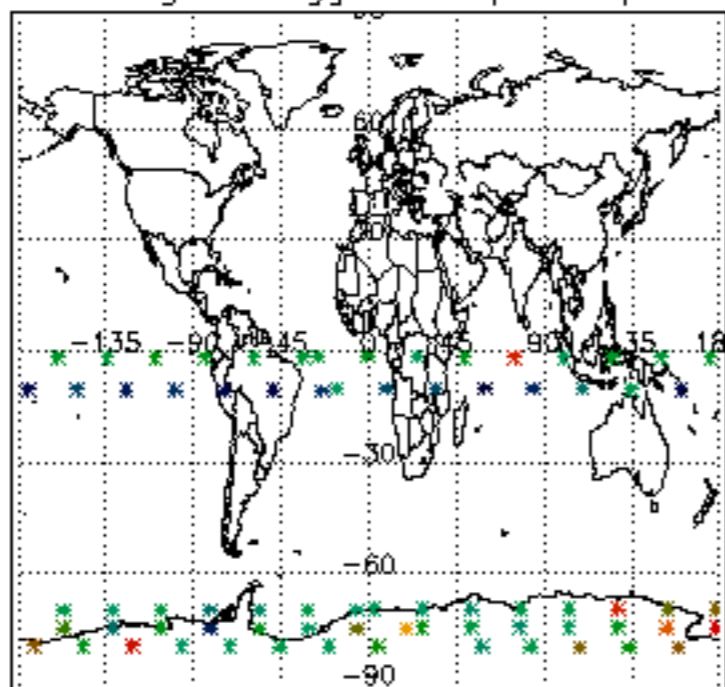




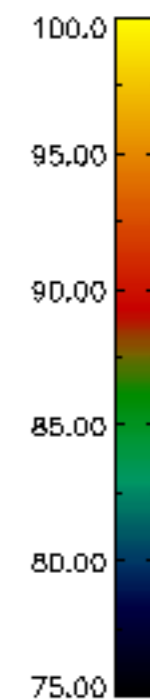
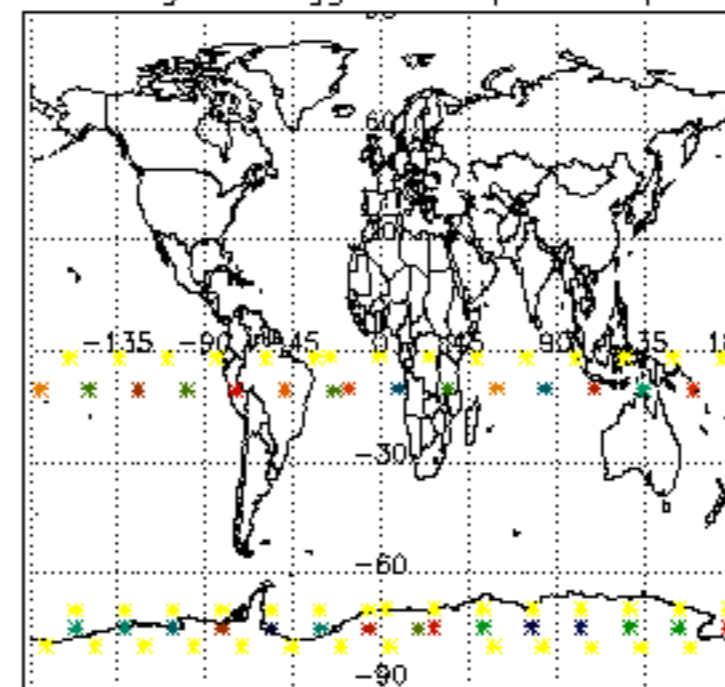




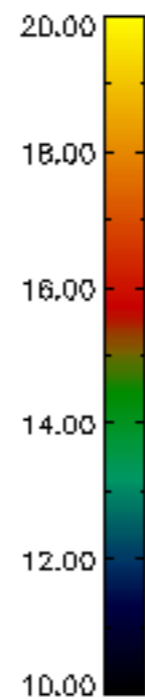
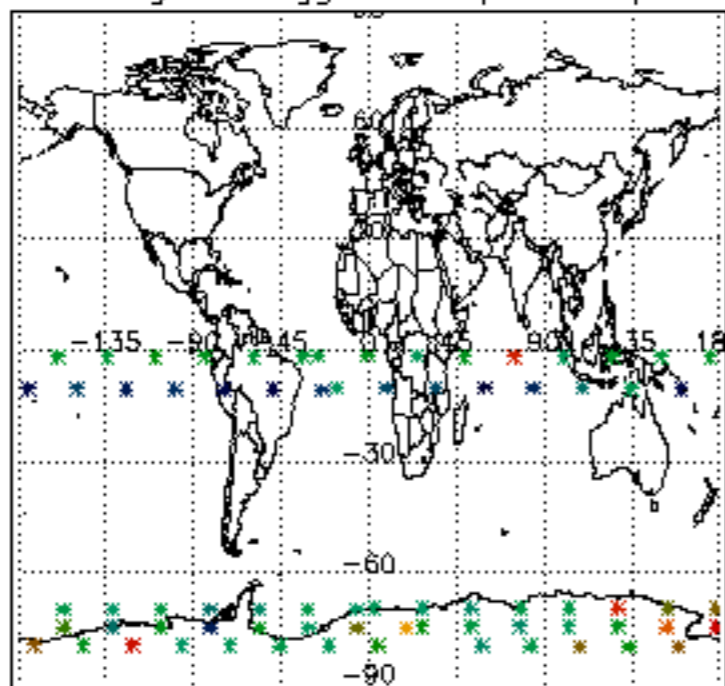
Percentage of flagged data per D3 profile



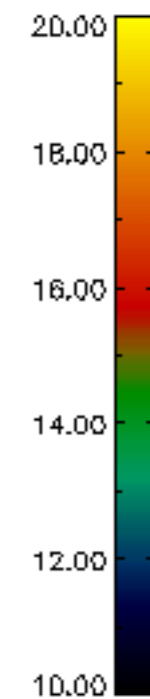
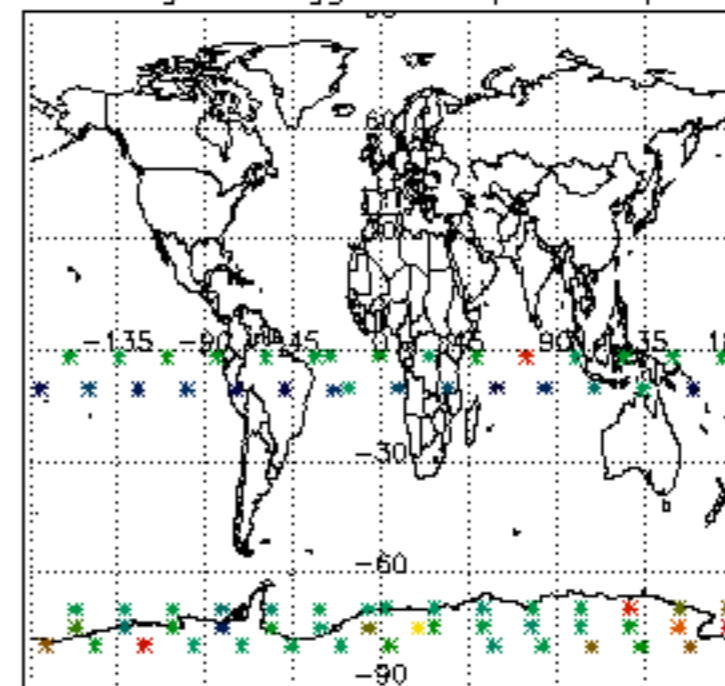
Percentage of flagged data per H2O profile

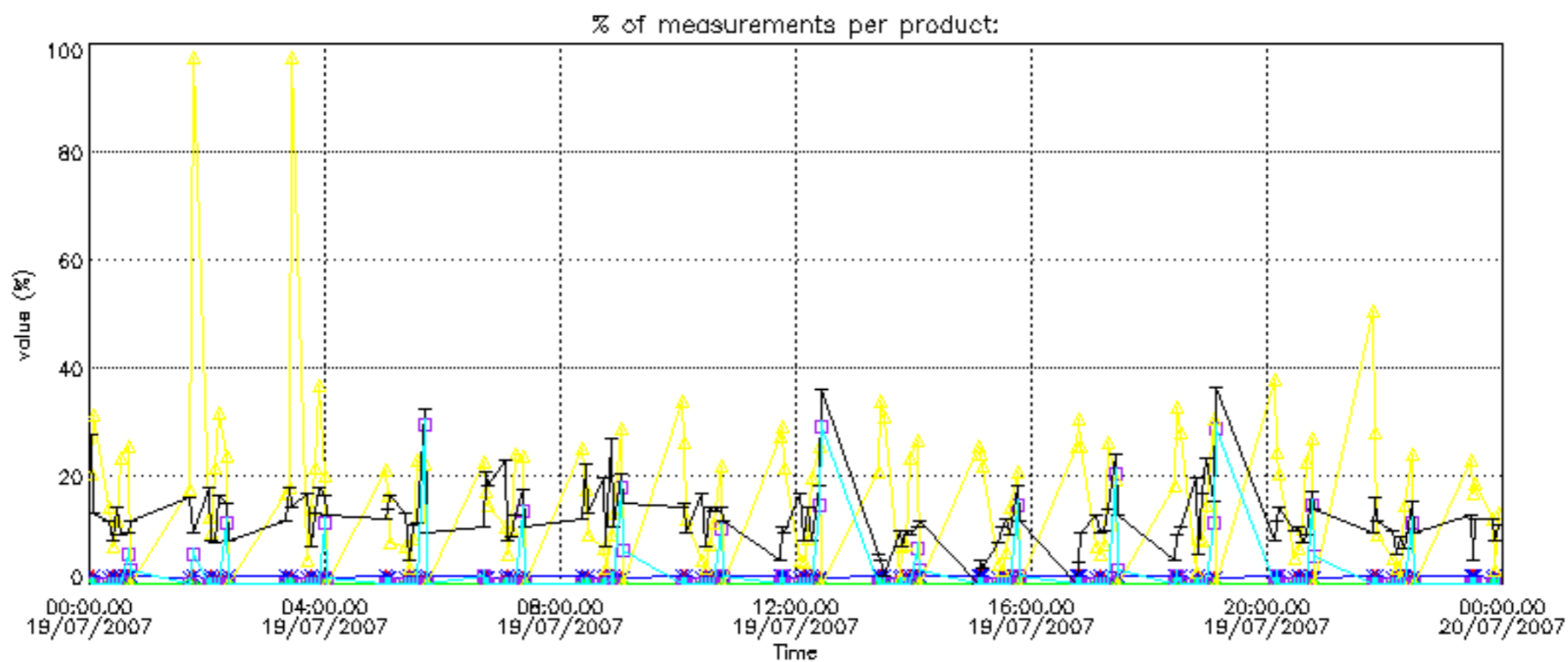


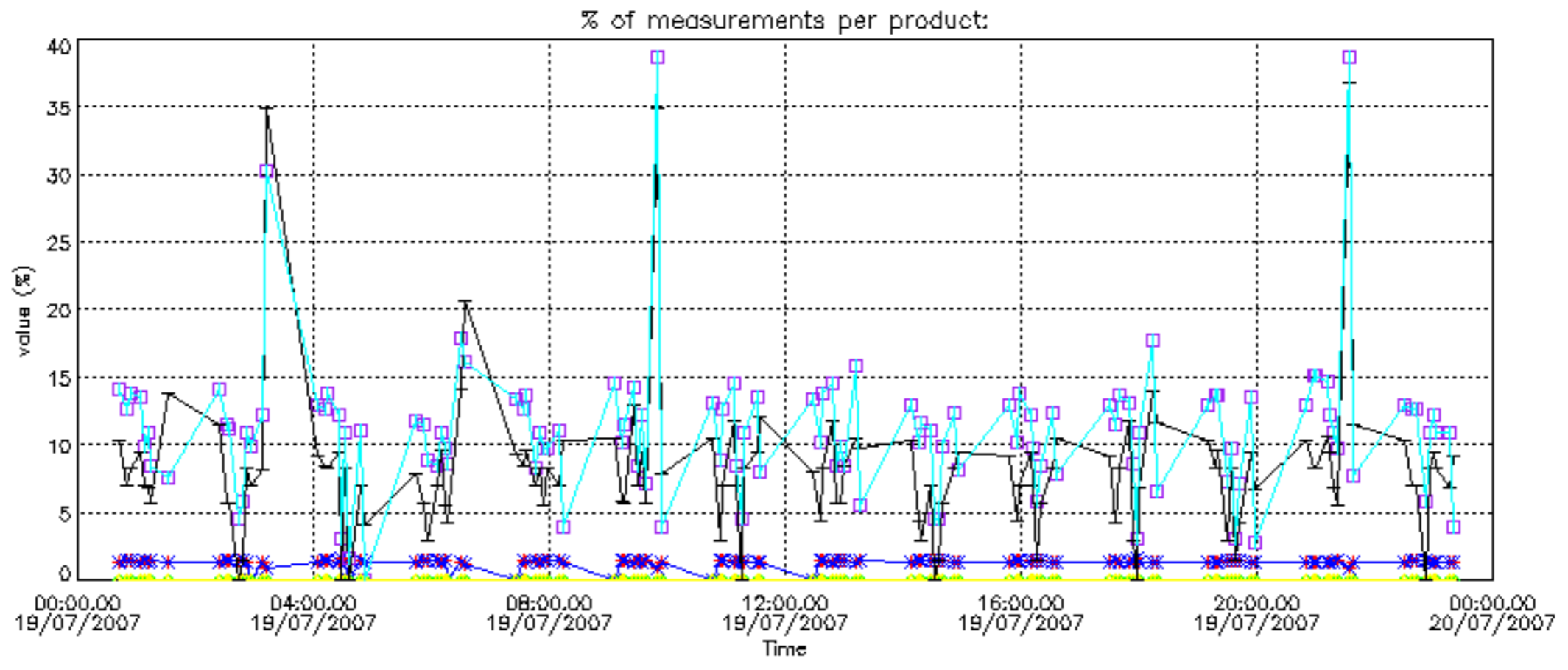
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

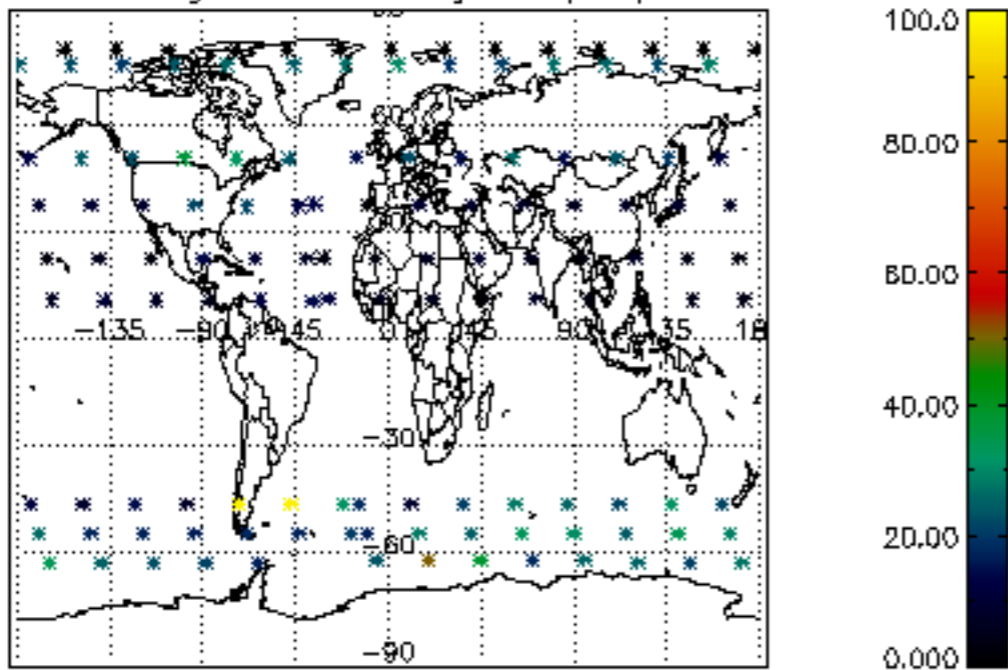




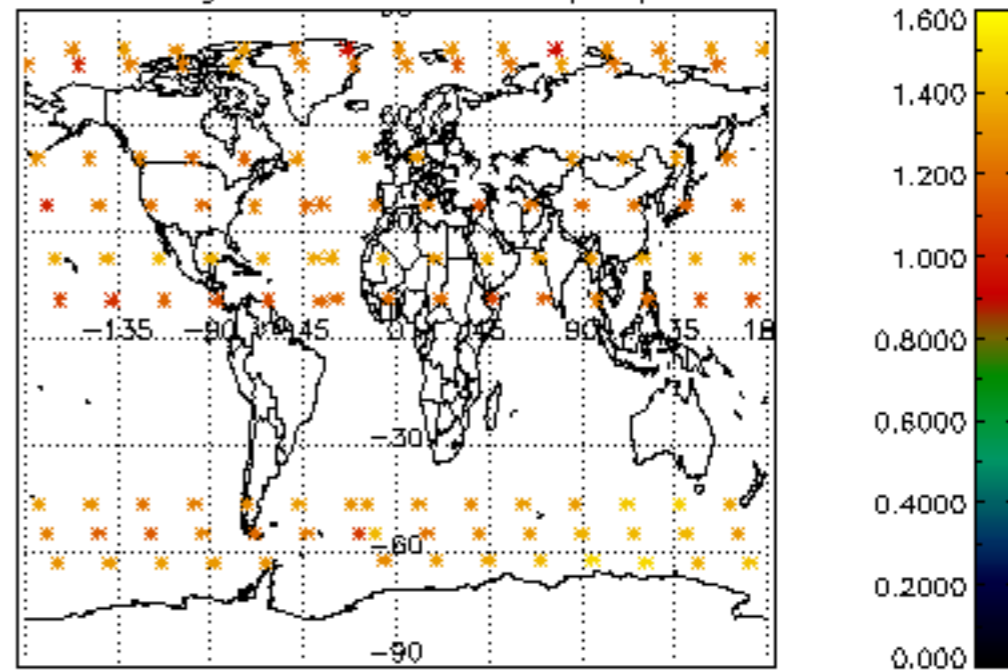




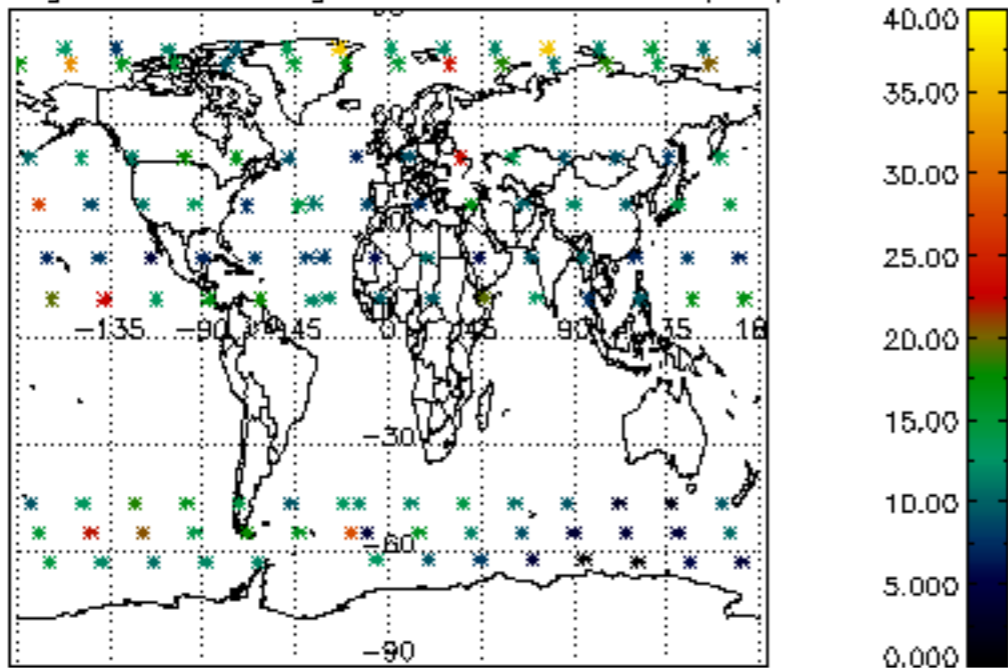
Percentage of cosmic ray hits per profile



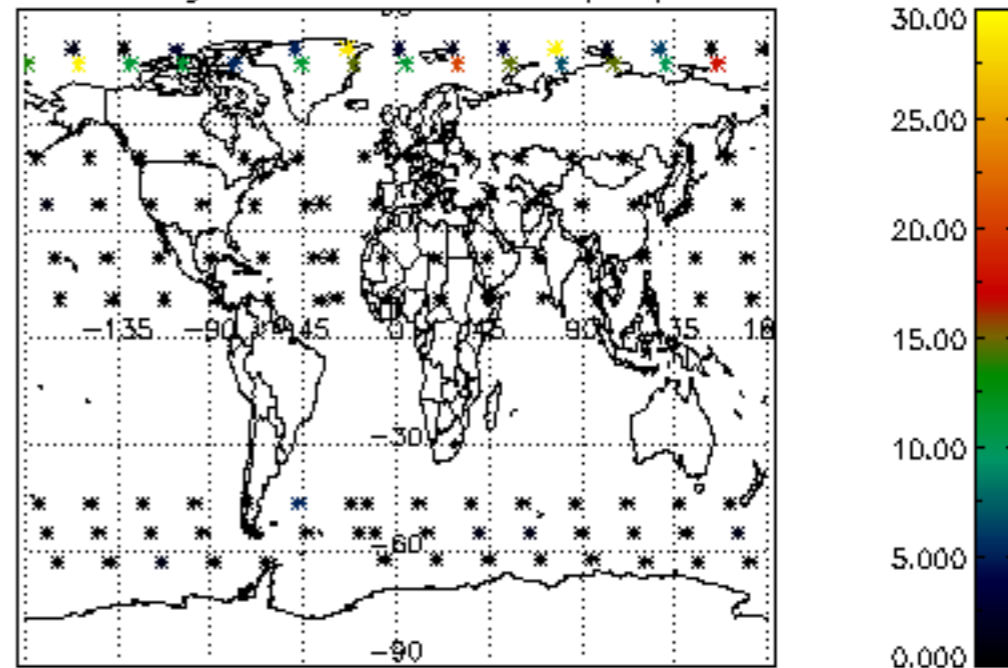
Percentage of datation errors per profile



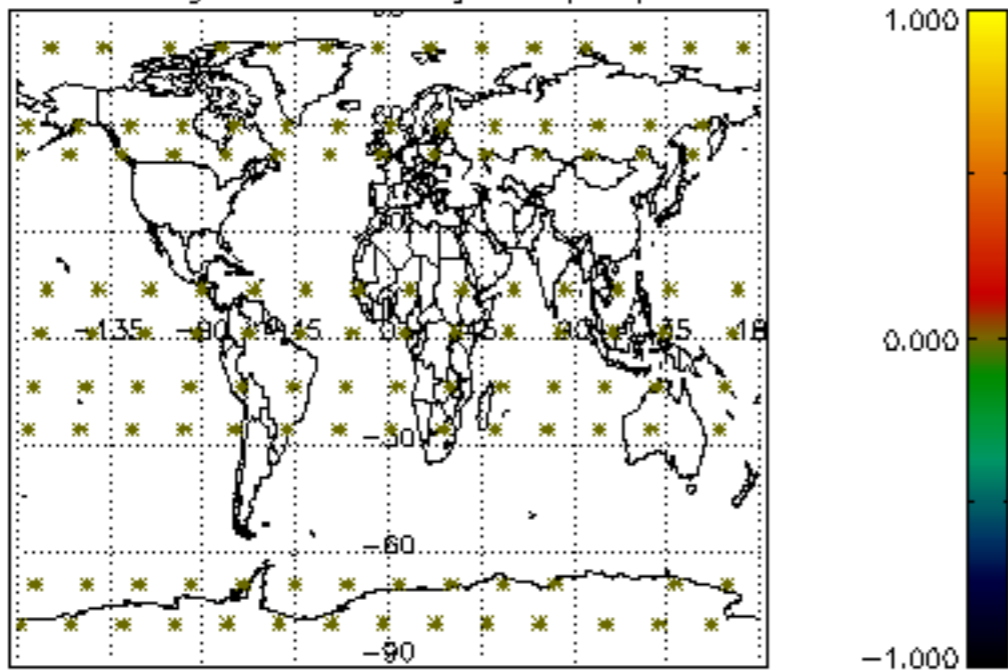
Percentage of star falling outside central band per profile



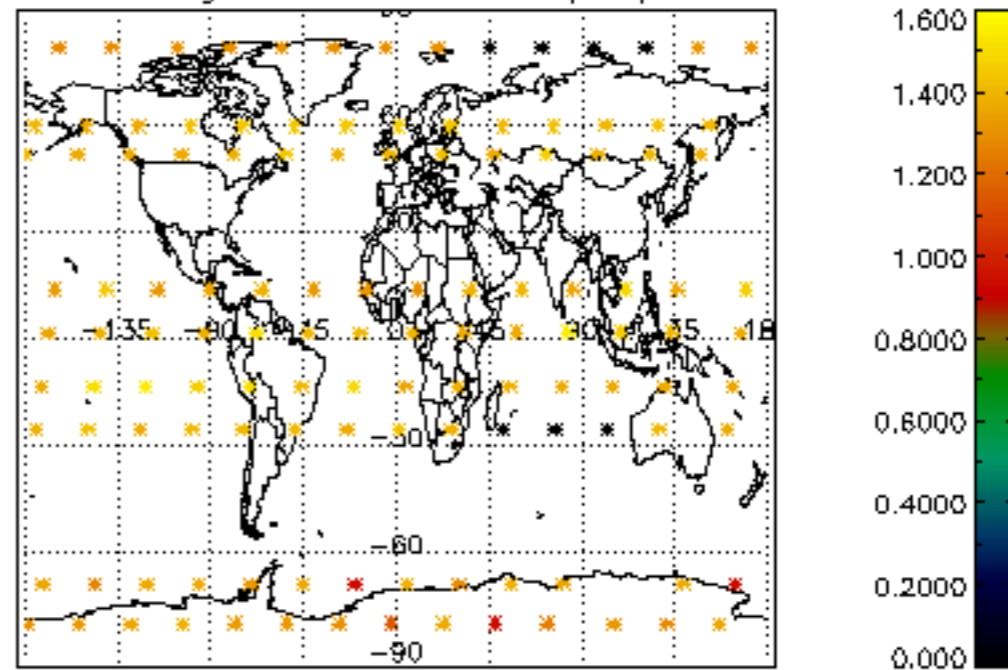
Percentage of saturation errors per profile



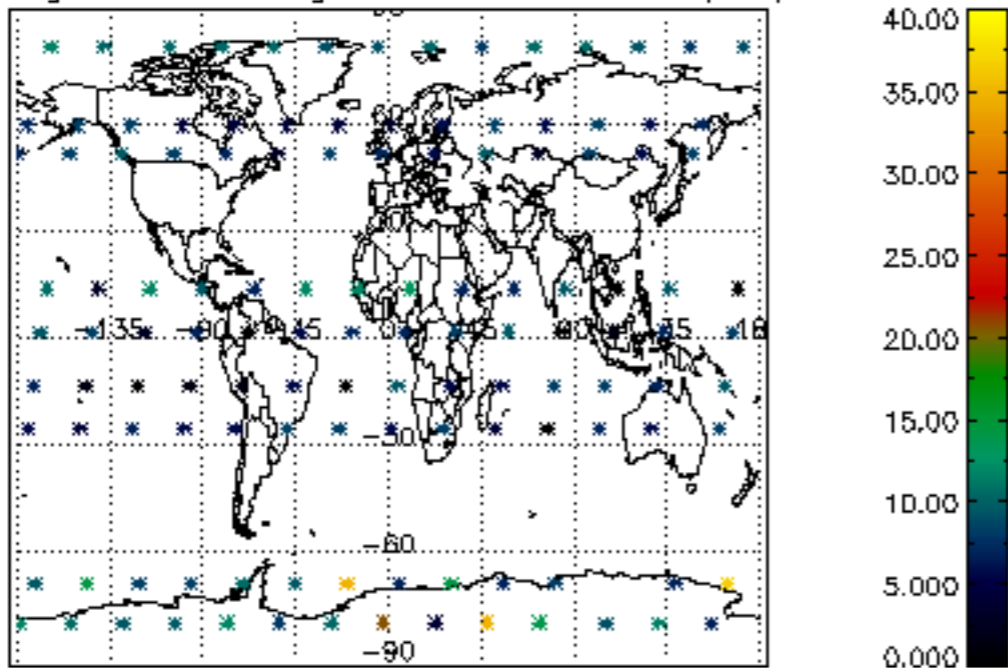
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

