

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	24APR2013 10:25:37
Data source version	GOMOS/6.01
Start time of products	18-02-2011 (18FEB2011 00:00:00)
Stop time of products	19-02-2011 (19FEB2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	272
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__2PRFIN20110218_000048_000000403099_00332_46898_4505.N1	18-FEB-2011 00:00:48	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46898	No
2	GOM_NL__2PRFIN20110218_000441_000000433099_00332_46898_4506.N1	18-FEB-2011 00:04:41	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	46898	No
3	GOM_NL__2PRFIN20110218_000904_000000373099_00332_46898_4507.N1	18-FEB-2011 00:09:04	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	46898	No
4	GOM_NL__2PRFIN20110218_001823_000000483099_00332_46898_4508.N1	18-FEB-2011 00:18:23	Bright	48.000	59	55Alp Oph	2.0800	8900.0	96	46898	No
5	GOM_NL__2PRFIN20110218_002042_000000543099_00332_46898_4509.N1	18-FEB-2011 00:20:42	Twilight	54.000	126	60Bet Oph	2.7700	4250.0	108	46898	No
6	GOM_NL__2PRFIN20110218_003346_000000523099_00332_46898_4510.N1	18-FEB-2011 00:33:46	Dark	52.000	75	26Eps Sco	2.2910	4250.0	104	46898	No
7	GOM_NL__2PRFIN20110218_003921_000000483099_00333_46899_4504.N1	18-FEB-2011 00:39:21	Dark	47.500	131	Gam Lup	2.8000	26000.	95	46899	No
8	GOM_NL__2PRFIN20110218_004419_000000443099_00333_46899_4505.N1	18-FEB-2011 00:44:19	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46899	No
9	GOM_NL__2PRFIN20110218_004546_000000443099_00333_46899_4506.N1	18-FEB-2011 00:45:46	Dark	43.500	77	Eps Cen	2.3030	28000.	87	46899	No
10	GOM_NL__2PRFIN20110218_004804_000000533099_00333_46899_4507.N1	18-FEB-2011 00:48:04	Dark	52.500	26	Gam Cru	1.6240	2900.0	105	46899	No
11	GOM_NL__2PRFIN20110218_005007_000000433099_00333_46899_4508.N1	18-FEB-2011 00:50:07	Dark	43.000	99	Del Cen	2.5750	26000.	86	46899	No
12	GOM_NL__2PRFIN20110218_005259_000000473099_00333_46899_4509.N1	18-FEB-2011 00:52:59	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46899	No
13	GOM_NL__2PRFIN20110218_010617_000000493099_00333_46899_4510.N1	18-FEB-2011 01:06:17	Straylight	48.500	48	30Alp Hya	1.9770	4100.0	97	46899	No
14	GOM_NL__2PRFIN20110218_011321_000000683099_00333_46899_4511.N1	18-FEB-2011 01:13:21	Bright	68.000	22	32Alp Leo	1.3600	15200.	136	46899	No
15	GOM_NL__2PRFIN20110218_011639_000000433099_00333_46899_4512.N1	18-FEB-2011 01:16:39	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	46899	No
16	GOM_NL__2PRFIN20110218_012818_000000443099_00333_46899_4513.N1	18-FEB-2011 01:28:18	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	46899	No
17	GOM_NL__2PRFIN20110218_013611_000000433099_00333_46899_4514.N1	18-FEB-2011 01:36:11	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	46899	No
18	GOM_NL__2PRFIN20110218_014101_000000443099_00333_46899_4515.N1	18-FEB-2011 01:41:01	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	46899	No
19	GOM_NL__2PRFIN20110218_014455_000000423099_00333_46899_4516.N1	18-FEB-2011 01:44:55	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	46899	No
20	GOM_NL__2PRFIN20110218_014918_000000393099_00333_46899_4517.N1	18-FEB-2011 01:49:18	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	46899	No
21	GOM_NL__2PRFIN20110218_015838_000000523099_00333_46899_4518.N1	18-FEB-2011 01:58:38	Bright	51.500	59	55Alp Oph	2.0800	8900.0	103	46899	No
22	GOM_NL__2PRFIN20110218_020057_000000523099_00333_46899_4519.N1	18-FEB-2011 02:00:57	Twilight	51.500	126	60Bet Oph	2.7700	4250.0	103	46899	No
23	GOM_NL__2PRFIN20110218_020831_000000513099_00333_46899_4520.N1	18-FEB-2011 02:08:31	Dark	50.500	86	35Eta Oph	2.4300	10200.	101	46899	No
24	GOM_NL__2PRFIN20110218_021239_000000463099_00333_46899_4521.N1	18-FEB-2011 02:12:39	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	46899	No
25	GOM_NL__2PRFIN20110218_021401_000000583099_00333_46899_4522.N1	18-FEB-2011 02:14:01	Dark	57.500	75	26Eps Sco	2.2910	4250.0	115	46899	No
26	GOM_NL__2PRFIN20110218_021936_000000493099_00334_46900_4514.N1	18-FEB-2011 02:19:36	Dark	48.500	131	Gam Lup	2.8000	26000.	97	46900	No
27	GOM_NL__2PRFIN20110218_022434_000000463099_00334_46900_4515.N1	18-FEB-2011 02:24:34	Dark	45.500	10	Bet Cen	0.61000	28000.	91	46900	No
28	GOM_NL__2PRFIN20110218_022601_000000453099_00334_46900_4516.N1	18-FEB-2011 02:26:01	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46900	No
29	GOM_NL__2PRFIN20110218_022819_000000563099_00334_46900_4517.N1	18-FEB-2011 02:28:19	Dark	55.500	26	Gam Cru	1.6240	2900.0	111	46900	No
30	GOM_NL__2PRFIN20110218_023022_000000473099_00334_46900_4518.N1	18-FEB-2011 02:30:22	Dark	46.500	99	Del Cen	2.5750	26000.	93	46900	No
31	GOM_NL__2PRFIN20110218_023314_000000433099_00334_46900_4519.N1	18-FEB-2011 02:33:14	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	46900	No
32	GOM_NL__2PRFIN20110218_024631_000000503099_00334_46900_4520.N1	18-FEB-2011 02:46:31	Straylight	50.000	48	30Alp Hya	1.9770	4100.0	100	46900	No
33	GOM_NL__2PRFIN20110218_025334_000000493099_00334_46900_4521.N1	18-FEB-2011 02:53:34	Bright	49.000	22	32Alp Leo	1.3600	15200.	98	46900	No
34	GOM_NL__2PRFIN20110218_025652_000000443099_00334_46900_4522.N1	18-FEB-2011 02:56:52	Bright	44.000	166	17Eps Leo	2.9800	6000.0	88	46900	No
35	GOM_NL__2PRFIN20110218_030831_000000453099_00334_46900_4523.N1	18-FEB-2011 03:08:31	Bright	44.500	82	48Bet UMa	2.3650	10600.	89	46900	No
36	GOM_NL__2PRFIN20110218_031625_000000413099_00334_46900_4524.N1	18-FEB-2011 03:16:25	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46900	No
37	GOM_NL__2PRFIN20110218_032115_000000443099_00334_46900_4525.N1	18-FEB-2011 03:21:15	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	46900	No
38	GOM_NL__2PRFIN20110218_032509_000000433099_00334_46900_4526.N1	18-FEB-2011 03:25:09	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	46900	No
39	GOM_NL__2PRFIN20110218_032932_000000383099_00334_46900_4527.N1	18-FEB-2011 03:29:32	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	46900	No
40	GOM_NL__2PRFIN20110218_033852_000000543099_00334_46900_4528.N1	18-FEB-2011 03:38:52	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	46900	No
41	GOM_NL__2PRFIN20110218_034112_000000533099_00334_46900_4529.N1	18-FEB-2011 03:41:12	Twilight	53.000	126	60Bet Oph	2.7700	4250.0	106	46900	No
42	GOM_NL__2PRFIN20110218_034846_000000523099_00334_46900_4530.N1	18-FEB-2011 03:48:46	Dark	52.000	86	35Eta Oph	2.4300	10200.	104	46900	No

43	GOM_NL__2PRFIN20110218_035253_000000423099_00334_46900_4531.N1	18-FEB-2011 03:52:53	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	46900	No
44	GOM_NL__2PRFIN20110218_035416_000000523099_00334_46900_4532.N1	18-FEB-2011 03:54:16	Dark	52.000	75	26Eps Sco	2.2910	4250.0	104	46900	No
45	GOM_NL__2PRFIN20110218_035951_000000483099_00335_46901_4526.N1	18-FEB-2011 03:59:51	Dark	48.000	131	Gam Lup	2.8000	26000.	96	46901	No
46	GOM_NL__2PRFIN20110218_040449_000000463099_00335_46901_4527.N1	18-FEB-2011 04:04:49	Dark	46.000	10	Bet Cen	0.61000	28000.	92	46901	No
47	GOM_NL__2PRFIN20110218_040616_000000453099_00335_46901_4528.N1	18-FEB-2011 04:06:16	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46901	No
48	GOM_NL__2PRFIN20110218_040834_000000523099_00335_46901_4529.N1	18-FEB-2011 04:08:34	Dark	51.500	26	Gam Cru	1.6240	2900.0	103	46901	No
49	GOM_NL__2PRFIN20110218_041036_000000443099_00335_46901_4530.N1	18-FEB-2011 04:10:36	Dark	43.500	99	Del Cen	2.5750	26000.	87	46901	No
50	GOM_NL__2PRFIN20110218_041329_000000473099_00335_46901_4531.N1	18-FEB-2011 04:13:29	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46901	No
51	GOM_NL__2PRFIN20110218_042645_000000473099_00335_46901_4532.N1	18-FEB-2011 04:26:45	Straylight	47.000	48	30Alp Hya	1.9770	4100.0	94	46901	No
52	GOM_NL__2PRFIN20110218_043348_000000503099_00335_46901_4533.N1	18-FEB-2011 04:33:48	Bright	50.000	22	32Alp Leo	1.3600	15200.	100	46901	No
53	GOM_NL__2PRFIN20110218_043706_000000443099_00335_46901_4534.N1	18-FEB-2011 04:37:06	Bright	43.500	166	17Eps Leo	2.9800	6000.0	87	46901	No
54	GOM_NL__2PRFIN20110218_044845_000000453099_00335_46901_4535.N1	18-FEB-2011 04:48:45	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	46901	No
55	GOM_NL__2PRFIN20110218_045639_000000423099_00335_46901_4536.N1	18-FEB-2011 04:56:39	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	46901	No
56	GOM_NL__2PRFIN20110218_050129_000000403099_00335_46901_4537.N1	18-FEB-2011 05:01:29	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46901	No
57	GOM_NL__2PRFIN20110218_050523_000000423099_00335_46901_4538.N1	18-FEB-2011 05:05:23	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	46901	No
58	GOM_NL__2PRFIN20110218_050946_000000413099_00335_46901_4539.N1	18-FEB-2011 05:09:46	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	46901	No
59	GOM_NL__2PRFIN20110218_051907_000000523099_00335_46901_4540.N1	18-FEB-2011 05:19:07	Bright	51.500	59	55Alp Oph	2.0800	8900.0	103	46901	No
60	GOM_NL__2PRFIN20110218_052126_000000493099_00335_46901_4541.N1	18-FEB-2011 05:21:26	Twilight	48.500	126	60Bet Oph	2.7700	4250.0	97	46901	No
61	GOM_NL__2PRFIN20110218_052901_000000523099_00335_46901_4542.N1	18-FEB-2011 05:29:01	Dark	51.500	86	35Eta Oph	2.4300	10200.	103	46901	No
62	GOM_NL__2PRFIN20110218_053308_000000443099_00335_46901_4543.N1	18-FEB-2011 05:33:08	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	46901	No
63	GOM_NL__2PRFIN20110218_053431_000000533099_00335_46901_4544.N1	18-FEB-2011 05:34:31	Dark	52.500	75	26Eps Sco	2.2910	4250.0	105	46901	No
64	GOM_NL__2PRFIN20110218_054006_000000473099_00336_46902_4538.N1	18-FEB-2011 05:40:06	Dark	47.000	131	Gam Lup	2.8000	26000.	94	46902	No
65	GOM_NL__2PRFIN20110218_054503_000000433099_00336_46902_4539.N1	18-FEB-2011 05:45:03	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46902	No
66	GOM_NL__2PRFIN20110218_054631_000000433099_00336_46902_4540.N1	18-FEB-2011 05:46:31	Dark	43.000	77	Eps Cen	2.3030	28000.	86	46902	No
67	GOM_NL__2PRFIN20110218_054848_000000583099_00336_46902_4541.N1	18-FEB-2011 05:48:48	Dark	57.500	26	Gam Cru	1.6240	2900.0	115	46902	No
68	GOM_NL__2PRFIN20110218_055051_000000423099_00336_46902_4542.N1	18-FEB-2011 05:50:51	Dark	42.000	99	Del Cen	2.5750	26000.	84	46902	No
69	GOM_NL__2PRFIN20110218_055343_000000393099_00336_46902_4543.N1	18-FEB-2011 05:53:43	Dark	39.000	113	Mu Vel	2.6920	5000.0	78	46902	No
70	GOM_NL__2PRFIN20110218_060659_000000463099_00336_46902_4544.N1	18-FEB-2011 06:06:59	Straylight	46.000	48	30Alp Hya	1.9770	4100.0	92	46902	No
71	GOM_NL__2PRFIN20110218_061402_000000483099_00336_46902_4545.N1	18-FEB-2011 06:14:02	Bright	48.000	22	32Alp Leo	1.3600	15200.	96	46902	No
72	GOM_NL__2PRFIN20110218_061720_000000443099_00336_46902_4546.N1	18-FEB-2011 06:17:20	Bright	44.000	166	17Eps Leo	2.9800	6000.0	88	46902	No
73	GOM_NL__2PRFIN20110218_062858_000000443099_00336_46902_4547.N1	18-FEB-2011 06:28:58	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	46902	No
74	GOM_NL__2PRFIN20110218_063653_000000403099_00336_46902_4548.N1	18-FEB-2011 06:36:53	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46902	No
75	GOM_NL__2PRFIN20110218_064142_000000453099_00336_46902_4549.N1	18-FEB-2011 06:41:42	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	46902	No
76	GOM_NL__2PRFIN20110218_064537_000000403099_00336_46902_4550.N1	18-FEB-2011 06:45:37	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	46902	No
77	GOM_NL__2PRFIN20110218_065001_000000393099_00336_46902_4551.N1	18-FEB-2011 06:50:01	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	46902	No
78	GOM_NL__2PRFIN20110218_065922_000000543099_00336_46902_4552.N1	18-FEB-2011 06:59:22	Bright	53.500	59	55Alp Oph	2.0800	8900.0	107	46902	No
79	GOM_NL__2PRFIN20110218_070141_000000553099_00336_46902_4553.N1	18-FEB-2011 07:01:41	Twilight	54.500	126	60Bet Oph	2.7700	4250.0	109	46902	No
80	GOM_NL__2PRFIN20110218_070916_000000493099_00336_46902_4554.N1	18-FEB-2011 07:09:16	Dark	49.000	86	35Eta Oph	2.4300	10200.	98	46902	No
81	GOM_NL__2PRFIN20110218_071323_000000483099_00336_46902_4555.N1	18-FEB-2011 07:13:23	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	46902	No
82	GOM_NL__2PRFIN20110218_071446_000000593099_00336_46902_4556.N1	18-FEB-2011 07:14:46	Dark	58.500	75	26Eps Sco	2.2910	4250.0	117	46902	No
83	GOM_NL__2PRFIN20110218_072021_000000493099_00337_46903_4619.N1	18-FEB-2011 07:20:21	Dark	49.000	131	Gam Lup	2.8000	26000.	98	46903	No
84	GOM_NL__2PRFIN20110218_072518_000000423099_00337_46903_4620.N1	18-FEB-2011 07:25:18	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46903	No
85	GOM_NL__2PRFIN20110218_072646_000000453099_00337_46903_4621.N1	18-FEB-2011 07:26:46	Dark	45.000	77	Eps Cen	2.3030	28000.	90	46903	No
86	GOM_NL__2PRFIN20110218_072903_000000583099_00337_46903_4622.N1	18-FEB-2011 07:29:03	Dark	57.500	26	Gam Cru	1.6240	2900.0	115	46903	No
87	GOM_NL__2PRFIN20110218_073106_000000443099_00337_46903_4623.N1	18-FEB-2011 07:31:06	Dark	43.500	99	Del Cen	2.5750	26000.	87	46903	No
88	GOM_NL__2PRFIN20110218_073358_000000453099_00337_46903_4624.N1	18-FEB-2011 07:33:58	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	46903	No
89	GOM_NL__2PRFIN20110218_074713_000000463099_00337_46903_4625.N1	18-FEB-2011 07:47:13	Twilight	45.500	48	30Alp Hya	1.9770	4100.0	91	46903	No
90	GOM_NL__2PRFIN20110218_075415_000000493099_00337_46903_4626.N1	18-FEB-2011 07:54:15	Bright	49.000	22	32Alp Leo	1.3600	15200.	98	46903	No
91	GOM_NL__2PRFIN20110218_075734_000000433099_00337_46903_4627.N1	18-FEB-2011 07:57:34	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	46903	No
92	GOM_NL__2PRFIN20110218_080912_000000493099_00337_46903_4628.N1	18-FEB-2011 08:09:12	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	46903	No
93	GOM_NL__2PRFIN20110218_081707_000000403099_00337_46903_4629.N1	18-FEB-2011 08:17:07	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46903	No
94	GOM_NL__2PRFIN20110218_082156_000000423099_00337_46903_4630.N1	18-FEB-2011 08:21:56	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	46903	No
95	GOM_NL__2PRFIN20110218_082551_000000423099_00337_46903_4631.N1	18-FEB-2011 08:25:51	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	46903	No
96	GOM_NL__2PRFIN20110218_083015_000000393099_00337_46903_4632.N1	18-FEB-2011 08:30:15	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	46903	No
97	GOM_NL__2PRFIN20110218_083936_000000533099_00337_46903_4633.N1	18-FEB-2011 08:39:36	Bright	52.500	59	55Alp Oph	2.0800	8900.0	105	46903	No
98	GOM_NL__2PRFIN20110218_084155_000000553099_00337_46903_4634.N1	18-FEB-2011 08:41:55	Twilight	55.000	126	60Bet Oph	2.7700	4250.0	110	46903	No
99	GOM_NL__2PRFIN20110218_084931_000000503099_00337_46903_4635.N1	18-FEB-2011 08:49:31	Dark	50.000	86	35Eta Oph	2.4300	10200.	100	46903	No
100	GOM_NL__2PRFIN20110218_085338_000000433099_00337_46903_4636.N1	18-FEB-2011 08:53:38	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	46903	No
101	GOM_NL__2PRFIN20110218_085501_000000483099_00337_46903_4637.N1	18-FEB-2011 08:55:01	Dark	48.000	75	26Eps Sco	2.2910	4250.0	96	46903	No

102	GOM_NL__2PRFIN20110218_090037_000000513099_00338_46904_4690.N1	18-FEB-2011 09:00:37	Dark	50.500	131	Gam Lup	2.8000	26000.	101	46904	No
103	GOM_NL__2PRFIN20110218_090533_000000453099_00338_46904_4691.N1	18-FEB-2011 09:05:33	Dark	45.000	10	Bet Cen	0.61000	28000.	90	46904	No
104	GOM_NL__2PRFIN20110218_090700_000000443099_00338_46904_4692.N1	18-FEB-2011 09:07:00	Dark	44.000	77	Eps Cen	2.3030	28000.	88	46904	No
105	GOM_NL__2PRFIN20110218_090918_000000553099_00338_46904_4693.N1	18-FEB-2011 09:09:18	Dark	55.000	26	Gam Cru	1.6240	2900.0	110	46904	No
106	GOM_NL__2PRFIN20110218_091121_000000463099_00338_46904_4694.N1	18-FEB-2011 09:11:21	Dark	45.500	99	Del Cen	2.5750	26000.	91	46904	No
107	GOM_NL__2PRFIN20110218_091412_000000413099_00338_46904_4695.N1	18-FEB-2011 09:14:12	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	46904	No
108	GOM_NL__2PRFIN20110218_092728_000000503099_00338_46904_4696.N1	18-FEB-2011 09:27:28	Tw_i_and_stray	49.500	48	30Alp Hya	1.9770	4100.0	99	46904	No
109	GOM_NL__2PRFIN20110218_093429_000000503099_00338_46904_4697.N1	18-FEB-2011 09:34:29	Bright	49.500	22	32Alp Leo	1.3600	15200.	99	46904	No
110	GOM_NL__2PRFIN20110218_093747_000000443099_00338_46904_4698.N1	18-FEB-2011 09:37:47	Bright	43.500	166	17Eps Leo	2.9800	6000.0	87	46904	No
111	GOM_NL__2PRFIN20110218_094925_000000523099_00338_46904_4699.N1	18-FEB-2011 09:49:25	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	46904	No
112	GOM_NL__2PRFIN20110218_095720_000000433099_00338_46904_4700.N1	18-FEB-2011 09:57:20	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	46904	No
113	GOM_NL__2PRFIN20110218_100210_000000453099_00338_46904_4701.N1	18-FEB-2011 10:02:10	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	46904	No
114	GOM_NL__2PRFIN20110218_100604_000000443099_00338_46904_4702.N1	18-FEB-2011 10:06:04	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	46904	No
115	GOM_NL__2PRFIN20110218_101029_000000363099_00338_46904_4703.N1	18-FEB-2011 10:10:29	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	46904	No
116	GOM_NL__2PRFIN20110218_101951_000000573099_00338_46904_4704.N1	18-FEB-2011 10:19:51	Bright	56.500	59	55Alp Oph	2.0800	8900.0	113	46904	No
117	GOM_NL__2PRFIN20110218_102210_000000563099_00338_46904_4705.N1	18-FEB-2011 10:22:10	Tw_i_and_stray	56.000	126	60Bet Oph	2.7700	4250.0	112	46904	No
118	GOM_NL__2PRFIN20110218_102946_000000523099_00338_46904_4706.N1	18-FEB-2011 10:29:46	Dark	51.500	86	35Eta Oph	2.4300	10200.	103	46904	No
119	GOM_NL__2PRFIN20110218_103352_000000463099_00338_46904_4707.N1	18-FEB-2011 10:33:52	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	46904	No
120	GOM_NL__2PRFIN20110218_103516_000000573099_00338_46904_4708.N1	18-FEB-2011 10:35:16	Dark	56.500	75	26Eps Sco	2.2910	4250.0	113	46904	No
121	GOM_NL__2PRFIN20110218_104052_000000503099_00339_46905_4737.N1	18-FEB-2011 10:40:52	Dark	50.000	131	Gam Lup	2.8000	26000.	100	46905	No
122	GOM_NL__2PRFIN20110218_104547_000000413099_00339_46905_4738.N1	18-FEB-2011 10:45:47	Dark	41.000	10	Bet Cen	0.61000	28000.	82	46905	No
123	GOM_NL__2PRFIN20110218_104715_000000453099_00339_46905_4739.N1	18-FEB-2011 10:47:15	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46905	No
124	GOM_NL__2PRFIN20110218_104932_000000593099_00339_46905_4740.N1	18-FEB-2011 10:49:32	Dark	58.500	26	Gam Cru	1.6240	2900.0	117	46905	No
125	GOM_NL__2PRFIN20110218_105135_000000443099_00339_46905_4741.N1	18-FEB-2011 10:51:35	Dark	43.500	99	Del Cen	2.5750	26000.	87	46905	No
126	GOM_NL__2PRFIN20110218_105426_000000413099_00339_46905_4742.N1	18-FEB-2011 10:54:26	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	46905	No
127	GOM_NL__2PRFIN20110218_110742_000000493099_00339_46905_4743.N1	18-FEB-2011 11:07:42	Tw_i_and_stray	49.000	48	30Alp Hya	1.9770	4100.0	98	46905	No
128	GOM_NL__2PRFIN20110218_111443_000000483099_00339_46905_4744.N1	18-FEB-2011 11:14:43	Bright	47.500	22	32Alp Leo	1.3600	15200.	95	46905	No
129	GOM_NL__2PRFIN20110218_111801_000000433099_00339_46905_4745.N1	18-FEB-2011 11:18:01	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	46905	No
130	GOM_NL__2PRFIN20110218_112939_000000423099_00339_46905_4746.N1	18-FEB-2011 11:29:39	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	46905	No
131	GOM_NL__2PRFIN20110218_113734_000000413099_00339_46905_4747.N1	18-FEB-2011 11:37:34	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46905	No
132	GOM_NL__2PRFIN20110218_114223_000000443099_00339_46905_4748.N1	18-FEB-2011 11:42:23	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	46905	No
133	GOM_NL__2PRFIN20110218_114618_000000433099_00339_46905_4749.N1	18-FEB-2011 11:46:18	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	46905	No
134	GOM_NL__2PRFIN20110218_115043_000000433099_00339_46905_4750.N1	18-FEB-2011 11:50:43	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	46905	No
135	GOM_NL__2PRFIN20110218_120005_000000553099_00339_46905_4751.N1	18-FEB-2011 12:00:05	Bright	54.500	59	55Alp Oph	2.0800	8900.0	109	46905	No
136	GOM_NL__2PRFIN20110218_120225_000000533099_00339_46905_4752.N1	18-FEB-2011 12:02:25	Tw_i_and_stray	53.000	126	60Bet Oph	2.7700	4250.0	106	46905	No
137	GOM_NL__2PRFIN20110218_121001_000000503099_00339_46905_4753.N1	18-FEB-2011 12:10:01	Dark	49.500	86	35Eta Oph	2.4300	10200.	99	46905	No
138	GOM_NL__2PRFIN20110218_121407_000000453099_00339_46905_4754.N1	18-FEB-2011 12:14:07	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	46905	No
139	GOM_NL__2PRFIN20110218_121531_000000483099_00339_46905_4755.N1	18-FEB-2011 12:15:31	Dark	47.500	75	26Eps Sco	2.2910	4250.0	95	46905	No
140	GOM_NL__2PRFIN20110218_122107_000000503099_00340_46906_4778.N1	18-FEB-2011 12:21:07	Dark	49.500	131	Gam Lup	2.8000	26000.	99	46906	No
141	GOM_NL__2PRFIN20110218_122602_000000443099_00340_46906_4779.N1	18-FEB-2011 12:26:02	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46906	No
142	GOM_NL__2PRFIN20110218_122730_000000433099_00340_46906_4780.N1	18-FEB-2011 12:27:30	Dark	43.000	77	Eps Cen	2.3030	28000.	86	46906	No
143	GOM_NL__2PRFIN20110218_122947_000000573099_00340_46906_4781.N1	18-FEB-2011 12:29:47	Dark	56.500	26	Gam Cru	1.6240	2900.0	113	46906	No
144	GOM_NL__2PRFIN20110218_123150_000000443099_00340_46906_4782.N1	18-FEB-2011 12:31:50	Dark	44.000	99	Del Cen	2.5750	26000.	88	46906	No
145	GOM_NL__2PRFIN20110218_123441_000000413099_00340_46906_4783.N1	18-FEB-2011 12:34:41	Dark	40.500	113	Mu Vel	2.6920	5000.0	81	46906	No
146	GOM_NL__2PRFIN20110218_124755_000000473099_00340_46906_4784.N1	18-FEB-2011 12:47:55	Tw_i_and_stray	47.000	48	30Alp Hya	1.9770	4100.0	94	46906	No
147	GOM_NL__2PRFIN20110218_125457_000000503099_00340_46906_4785.N1	18-FEB-2011 12:54:57	Bright	49.500	22	32Alp Leo	1.3600	15200.	99	46906	No
148	GOM_NL__2PRFIN20110218_125814_000000443099_00340_46906_4786.N1	18-FEB-2011 12:58:14	Bright	44.000	166	17Eps Leo	2.9800	6000.0	88	46906	No
149	GOM_NL__2PRFIN20110218_130952_000000443099_00340_46906_4787.N1	18-FEB-2011 13:09:52	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	46906	No
150	GOM_NL__2PRFIN20110218_131748_000000373099_00340_46906_4788.N1	18-FEB-2011 13:17:48	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46906	No
151	GOM_NL__2PRFIN20110218_132237_000000443099_00340_46906_4789.N1	18-FEB-2011 13:22:37	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	46906	No
152	GOM_NL__2PRFIN20110218_132632_000000443099_00340_46906_4790.N1	18-FEB-2011 13:26:32	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	46906	No
153	GOM_NL__2PRFIN20110218_133057_000000383099_00340_46906_4791.N1	18-FEB-2011 13:30:57	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	46906	No
154	GOM_NL__2PRFIN20110218_134020_000000573099_00340_46906_4792.N1	18-FEB-2011 13:40:20	Bright	56.500	59	55Alp Oph	2.0800	8900.0	113	46906	No
155	GOM_NL__2PRFIN20110218_134239_000000543099_00340_46906_4793.N1	18-FEB-2011 13:42:39	Tw_i_and_stray	54.000	126	60Bet Oph	2.7700	4250.0	108	46906	No
156	GOM_NL__2PRFIN20110218_135016_000000503099_00340_46906_4794.N1	18-FEB-2011 13:50:16	Dark	49.500	86	35Eta Oph	2.4300	10200.	99	46906	No
157	GOM_NL__2PRFIN20110218_135421_000000423099_00340_46906_4795.N1	18-FEB-2011 13:54:21	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	46906	No
158	GOM_NL__2PRFIN20110218_135546_000000493099_00340_46906_4796.N1	18-FEB-2011 13:55:46	Dark	48.500	75	26Eps Sco	2.2910	4250.0	97	46906	No
159	GOM_NL__2PRFIN20110218_140122_000000503099_00341_46907_4860.N1	18-FEB-2011 14:01:22	Dark	50.000	131	Gam Lup	2.8000	26000.	100	46907	No
160	GOM_NL__2PRFIN20110218_140617_000000443099_00341_46907_4861.N1	18-FEB-2011 14:06:17	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46907	No

161	GOM_NL__2PRFIN20110218_140745_000000443099_00341_46907_4862.N1	18-FEB-2011 14:07:45	Dark	44.000	77	Eps Cen	2.3030	28000.	88	46907	No
162	GOM_NL__2PRFIN20110218_141001_000000473099_00341_46907_4863.N1	18-FEB-2011 14:10:01	Dark	47.000	26	Gam Cru	1.6240	2900.0	94	46907	No
163	GOM_NL__2PRFIN20110218_141204_000000433099_00341_46907_4864.N1	18-FEB-2011 14:12:04	Dark	43.000	99	Del Cen	2.5750	26000.	86	46907	No
164	GOM_NL__2PRFIN20110218_141455_000000443099_00341_46907_4865.N1	18-FEB-2011 14:14:55	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	46907	No
165	GOM_NL__2PRFIN20110218_142809_000000403099_00341_46907_4866.N1	18-FEB-2011 14:28:09	Tw_i_and_stray	40.000	48	30Alp Hya	1.9770	4100.0	80	46907	No
166	GOM_NL__2PRFIN20110218_143510_000000493099_00341_46907_4867.N1	18-FEB-2011 14:35:10	Bright	49.000	22	32Alp Leo	1.3600	15200.	98	46907	No
167	GOM_NL__2PRFIN20110218_143828_000000443099_00341_46907_4868.N1	18-FEB-2011 14:38:28	Bright	44.000	166	17Eps Leo	2.9800	6000.0	88	46907	No
168	GOM_NL__2PRFIN20110218_145005_000000433099_00341_46907_4869.N1	18-FEB-2011 14:50:05	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	46907	No
169	GOM_NL__2PRFIN20110218_145801_000000423099_00341_46907_4870.N1	18-FEB-2011 14:58:01	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46907	No
170	GOM_NL__2PRFIN20110218_150251_000000433099_00341_46907_4871.N1	18-FEB-2011 15:02:51	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	46907	No
171	GOM_NL__2PRFIN20110218_150646_000000433099_00341_46907_4872.N1	18-FEB-2011 15:06:46	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	46907	No
172	GOM_NL__2PRFIN20110218_151111_000000373099_00341_46907_4873.N1	18-FEB-2011 15:11:11	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	46907	No
173	GOM_NL__2PRFIN20110218_152034_000000533099_00341_46907_4874.N1	18-FEB-2011 15:20:34	Bright	53.000	59	55Alp Oph	2.0800	8900.0	106	46907	No
174	GOM_NL__2PRFIN20110218_152254_000000533099_00341_46907_4875.N1	18-FEB-2011 15:22:54	Tw_i_and_stray	53.000	126	60Bet Oph	2.7700	4250.0	106	46907	No
175	GOM_NL__2PRFIN20110218_153031_000000523099_00341_46907_4876.N1	18-FEB-2011 15:30:31	Dark	51.500	86	35Eta Oph	2.4300	10200.	103	46907	No
176	GOM_NL__2PRFIN20110218_153436_000000413099_00341_46907_4877.N1	18-FEB-2011 15:34:36	Dark	40.500	25	35Lam Sco	1.6200	28000.	81	46907	No
177	GOM_NL__2PRFIN20110218_153600_000000533099_00341_46907_4878.N1	18-FEB-2011 15:36:00	Dark	52.500	75	26Eps Sco	2.2910	4250.0	105	46907	No
178	GOM_NL__2PRFIN20110218_154137_000000483099_00342_46908_4932.N1	18-FEB-2011 15:41:37	Dark	48.000	131	Gam Lup	2.8000	26000.	96	46908	No
179	GOM_NL__2PRFIN20110218_154631_000000463099_00342_46908_4933.N1	18-FEB-2011 15:46:31	Dark	46.000	10	Bet Cen	0.61000	28000.	92	46908	No
180	GOM_NL__2PRFIN20110218_154759_000000443099_00342_46908_4934.N1	18-FEB-2011 15:47:59	Dark	44.000	77	Eps Cen	2.3030	28000.	88	46908	No
181	GOM_NL__2PRFIN20110218_155016_000000483099_00342_46908_4935.N1	18-FEB-2011 15:50:16	Dark	47.500	26	Gam Cru	1.6240	2900.0	95	46908	No
182	GOM_NL__2PRFIN20110218_155219_000000473099_00342_46908_4936.N1	18-FEB-2011 15:52:19	Dark	47.000	99	Del Cen	2.5750	26000.	94	46908	No
183	GOM_NL__2PRFIN20110218_155510_000000443099_00342_46908_4937.N1	18-FEB-2011 15:55:10	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	46908	No
184	GOM_NL__2PRFIN20110218_160823_000000463099_00342_46908_4938.N1	18-FEB-2011 16:08:23	Tw_i_and_stray	45.500	48	30Alp Hya	1.9770	4100.0	91	46908	No
185	GOM_NL__2PRFIN20110218_161523_000000483099_00342_46908_4939.N1	18-FEB-2011 16:15:23	Bright	48.000	22	32Alp Leo	1.3600	15200.	96	46908	No
186	GOM_NL__2PRFIN20110218_161842_000000433099_00342_46908_4940.N1	18-FEB-2011 16:18:42	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	46908	No
187	GOM_NL__2PRFIN20110218_163019_000000453099_00342_46908_4941.N1	18-FEB-2011 16:30:19	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	46908	No
188	GOM_NL__2PRFIN20110218_163815_000000423099_00342_46908_4942.N1	18-FEB-2011 16:38:15	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	46908	No
189	GOM_NL__2PRFIN20110218_164305_000000453099_00342_46908_4943.N1	18-FEB-2011 16:43:05	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	46908	No
190	GOM_NL__2PRFIN20110218_164700_000000613099_00342_46908_4944.N1	18-FEB-2011 16:47:00	Bright	61.000	130	23Bet Dra	2.7990	5800.0	122	46908	No
191	GOM_NL__2PRFIN20110218_165125_000000403099_00342_46908_4945.N1	18-FEB-2011 16:51:25	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	46908	No
192	GOM_NL__2PRFIN20110218_170049_000000573099_00342_46908_4946.N1	18-FEB-2011 17:00:49	Bright	56.500	59	55Alp Oph	2.0800	8900.0	113	46908	No
193	GOM_NL__2PRFIN20110218_170308_000000553099_00342_46908_4947.N1	18-FEB-2011 17:03:08	Tw_i_and_stray	55.000	126	60Bet Oph	2.7700	4250.0	110	46908	No
194	GOM_NL__2PRFIN20110218_171046_000000543099_00342_46908_4948.N1	18-FEB-2011 17:10:46	Dark	53.500	86	35Eta Oph	2.4300	10200.	107	46908	No
195	GOM_NL__2PRFIN20110218_171451_000000463099_00342_46908_4949.N1	18-FEB-2011 17:14:51	Dark	46.000	25	35Lam Sco	1.6200	28000.	92	46908	No
196	GOM_NL__2PRFIN20110218_171615_000000593099_00342_46908_4950.N1	18-FEB-2011 17:16:15	Dark	58.500	75	26Eps Sco	2.2910	4250.0	117	46908	No
197	GOM_NL__2PRFIN20110218_172152_000000503099_00343_46909_4958.N1	18-FEB-2011 17:21:52	Dark	49.500	131	Gam Lup	2.8000	26000.	99	46909	No
198	GOM_NL__2PRFIN20110218_172646_000000533099_00343_46909_4959.N1	18-FEB-2011 17:26:46	Dark	52.500	10	Bet Cen	0.61000	28000.	105	46909	No
199	GOM_NL__2PRFIN20110218_172814_000000443099_00343_46909_4960.N1	18-FEB-2011 17:28:14	Dark	43.500	77	Eps Cen	2.3030	28000.	87	46909	No
200	GOM_NL__2PRFIN20110218_173030_000000573099_00343_46909_4961.N1	18-FEB-2011 17:30:30	Dark	57.000	26	Gam Cru	1.6240	2900.0	114	46909	No
201	GOM_NL__2PRFIN20110218_173234_000000433099_00343_46909_4962.N1	18-FEB-2011 17:32:34	Dark	43.000	99	Del Cen	2.5750	26000.	86	46909	No
202	GOM_NL__2PRFIN20110218_173524_000000463099_00343_46909_4963.N1	18-FEB-2011 17:35:24	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	46909	No
203	GOM_NL__2PRFIN20110218_174838_000000413099_00343_46909_4964.N1	18-FEB-2011 17:48:38	Tw_i_and_stray	41.000	48	30Alp Hya	1.9770	4100.0	82	46909	No
204	GOM_NL__2PRFIN20110218_175537_000000493099_00343_46909_4965.N1	18-FEB-2011 17:55:37	Bright	48.500	22	32Alp Leo	1.3600	15200.	97	46909	No
205	GOM_NL__2PRFIN20110218_175855_000000443099_00343_46909_4966.N1	18-FEB-2011 17:58:55	Bright	43.500	166	17Eps Leo	2.9800	6000.0	87	46909	No
206	GOM_NL__2PRFIN20110218_181032_000000453099_00343_46909_4967.N1	18-FEB-2011 18:10:32	Bright	44.500	82	48Bet UMa	2.3650	10600.	89	46909	No
207	GOM_NL__2PRFIN20110218_181829_000000433099_00343_46909_4968.N1	18-FEB-2011 18:18:29	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	46909	No
208	GOM_NL__2PRFIN20110218_182318_000000443099_00343_46909_4969.N1	18-FEB-2011 18:23:18	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	46909	No
209	GOM_NL__2PRFIN20110218_182714_000000423099_00343_46909_4970.N1	18-FEB-2011 18:27:14	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	46909	No
210	GOM_NL__2PRFIN20110218_183139_000000383099_00343_46909_4971.N1	18-FEB-2011 18:31:39	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	46909	No
211	GOM_NL__2PRFIN20110218_184103_000000573099_00343_46909_4972.N1	18-FEB-2011 18:41:03	Bright	56.500	59	55Alp Oph	2.0800	8900.0	113	46909	No
212	GOM_NL__2PRFIN20110218_184323_000000543099_00343_46909_4973.N1	18-FEB-2011 18:43:23	Tw_i_and_stray	54.000	126	60Bet Oph	2.7700	4250.0	108	46909	No
213	GOM_NL__2PRFIN20110218_185101_000000513099_00343_46909_4974.N1	18-FEB-2011 18:51:01	Dark	51.000	86	35Eta Oph	2.4300	10200.	102	46909	No
214	GOM_NL__2PRFIN20110218_185505_000000473099_00343_46909_4975.N1	18-FEB-2011 18:55:05	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	46909	No
215	GOM_NL__2PRFIN20110218_185630_000000473099_00343_46909_4976.N1	18-FEB-2011 18:56:30	Dark	47.000	75	26Eps Sco	2.2910	4250.0	94	46909	No
216	GOM_NL__2PRFIN20110218_190207_000000493099_00344_46910_4986.N1	18-FEB-2011 19:02:07	Dark	48.500	131	Gam Lup	2.8000	26000.	97	46910	No
217	GOM_NL__2PRFIN20110218_190700_000000523099_00344_46910_4987.N1	18-FEB-2011 19:07:00	Dark	51.500	10	Bet Cen	0.61000	28000.	103	46910	No
218	GOM_NL__2PRFIN20110218_190829_000000443099_00344_46910_4988.N1	18-FEB-2011 19:08:29	Dark	44.000	77	Eps Cen	2.3030	28000.	88	46910	No
219	GOM_NL__2PRFIN20110218_191045_000000583099_00344_46910_4989.N1	18-FEB-2011 19:10:45	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	46910	No

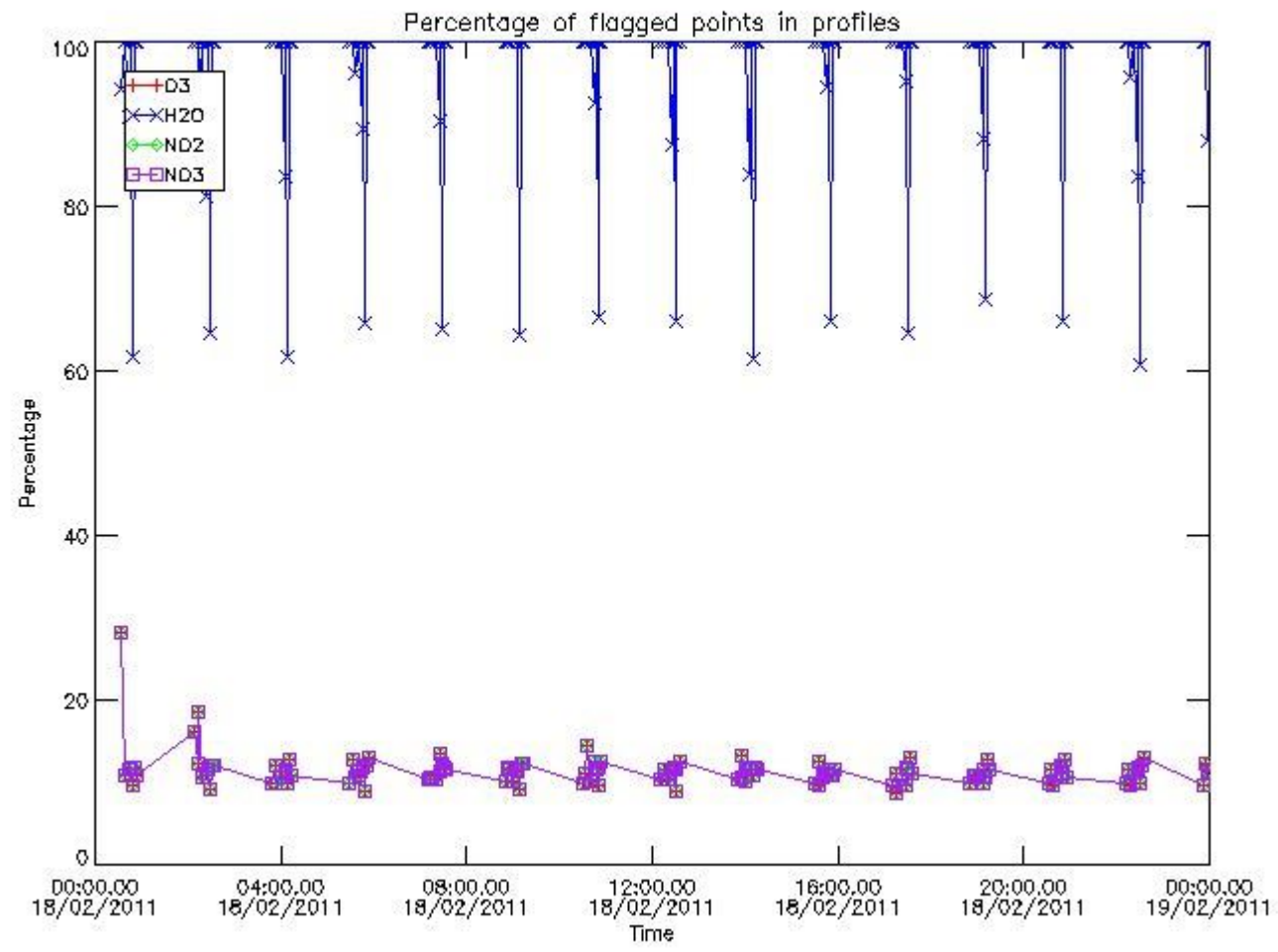
220	GOM_NL__2PRFIN20110218_191248_000000443099_00344_46910_4990.N1	18-FEB-2011 19:12:48	Dark	43.500	99	Del Cen	2.5750	26000.	87	46910	No
221	GOM_NL__2PRFIN20110218_191538_000000443099_00344_46910_4991.N1	18-FEB-2011 19:15:38	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	46910	No
222	GOM_NL__2PRFIN20110218_192852_000000413099_00344_46910_4992.N1	18-FEB-2011 19:28:52	Tw_i_and_stray	40.500	48	30Alp Hya	1.9770	4100.0	81	46910	No
223	GOM_NL__2PRFIN20110218_193551_000000483099_00344_46910_4993.N1	18-FEB-2011 19:35:51	Bright	47.500	22	32Alp Leo	1.3600	15200.	95	46910	No
224	GOM_NL__2PRFIN20110218_193909_000000423099_00344_46910_4994.N1	18-FEB-2011 19:39:09	Bright	42.000	166	17Eps Leo	2.9800	6000.0	84	46910	No
225	GOM_NL__2PRFIN20110218_195045_000000463099_00344_46910_4995.N1	18-FEB-2011 19:50:45	Bright	45.500	82	48Bet UMa	2.3650	10600.	91	46910	No
226	GOM_NL__2PRFIN20110218_195843_000000413099_00344_46910_4996.N1	18-FEB-2011 19:58:43	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46910	No
227	GOM_NL__2PRFIN20110218_200332_000000473099_00344_46910_4997.N1	18-FEB-2011 20:03:32	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	46910	No
228	GOM_NL__2PRFIN20110218_200727_000000413099_00344_46910_4998.N1	18-FEB-2011 20:07:27	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	46910	No
229	GOM_NL__2PRFIN20110218_201153_000000383099_00344_46910_4999.N1	18-FEB-2011 20:11:53	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	46910	No
230	GOM_NL__2PRFIN20110218_202118_000000553099_00344_46910_5000.N1	18-FEB-2011 20:21:18	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46910	No
231	GOM_NL__2PRFIN20110218_202338_000000533099_00344_46910_5001.N1	18-FEB-2011 20:23:38	Tw_i_and_stray	52.500	126	60Bet Oph	2.7700	4250.0	105	46910	No
232	GOM_NL__2PRFIN20110218_203116_000000523099_00344_46910_5002.N1	18-FEB-2011 20:31:16	Dark	52.000	86	35Eta Oph	2.4300	10200.	104	46910	No
233	GOM_NL__2PRFIN20110218_203520_000000443099_00344_46910_5003.N1	18-FEB-2011 20:35:20	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	46910	No
234	GOM_NL__2PRFIN20110218_203645_000000533099_00344_46910_5004.N1	18-FEB-2011 20:36:45	Dark	52.500	75	26Eps Sco	2.2910	4250.0	105	46910	No
235	GOM_NL__2PRFIN20110218_204222_000000483099_00345_46911_5015.N1	18-FEB-2011 20:42:22	Dark	47.500	131	Gam Lup	2.8000	26000.	95	46911	No
236	GOM_NL__2PRFIN20110218_204715_000000423099_00345_46911_5016.N1	18-FEB-2011 20:47:15	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46911	No
237	GOM_NL__2PRFIN20110218_204844_000000443099_00345_46911_5017.N1	18-FEB-2011 20:48:44	Dark	43.500	77	Eps Cen	2.3030	28000.	87	46911	No
238	GOM_NL__2PRFIN20110218_205100_000000463099_00345_46911_5018.N1	18-FEB-2011 20:51:00	Dark	46.000	26	Gam Cru	1.6240	2900.0	92	46911	No
239	GOM_NL__2PRFIN20110218_205303_000000443099_00345_46911_5019.N1	18-FEB-2011 20:53:03	Dark	43.500	99	Del Cen	2.5750	26000.	87	46911	No
240	GOM_NL__2PRFIN20110218_205553_000000483099_00345_46911_5020.N1	18-FEB-2011 20:55:53	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46911	No
241	GOM_NL__2PRFIN20110218_210906_000000473099_00345_46911_5021.N1	18-FEB-2011 21:09:06	Tw_i_and_stray	47.000	48	30Alp Hya	1.9770	4100.0	94	46911	No
242	GOM_NL__2PRFIN20110218_211604_000000503099_00345_46911_5022.N1	18-FEB-2011 21:16:04	Bright	50.000	22	32Alp Leo	1.3600	15200.	100	46911	No
243	GOM_NL__2PRFIN20110218_211923_000000423099_00345_46911_5023.N1	18-FEB-2011 21:19:23	Bright	42.000	166	17Eps Leo	2.9800	6000.0	84	46911	No
244	GOM_NL__2PRFIN20110218_213059_000000453099_00345_46911_5024.N1	18-FEB-2011 21:30:59	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	46911	No
245	GOM_NL__2PRFIN20110218_213856_000000563099_00345_46911_5025.N1	18-FEB-2011 21:38:56	Bright	55.500	60	7Bet UMi	2.0810	3950.0	111	46911	No
246	GOM_NL__2PRFIN20110218_214346_000000443099_00345_46911_5026.N1	18-FEB-2011 21:43:46	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	46911	No
247	GOM_NL__2PRFIN20110218_214741_000000413099_00345_46911_5027.N1	18-FEB-2011 21:47:41	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	46911	No
248	GOM_NL__2PRFIN20110218_215207_000000383099_00345_46911_5028.N1	18-FEB-2011 21:52:07	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	46911	No
249	GOM_NL__2PRFIN20110218_220132_000000523099_00345_46911_5029.N1	18-FEB-2011 22:01:32	Bright	51.500	59	55Alp Oph	2.0800	8900.0	103	46911	No
250	GOM_NL__2PRFIN20110218_220352_000000543099_00345_46911_5030.N1	18-FEB-2011 22:03:52	Tw_i_and_stray	54.000	126	60Bet Oph	2.7700	4250.0	108	46911	No
251	GOM_NL__2PRFIN20110218_221131_000000523099_00345_46911_5031.N1	18-FEB-2011 22:11:31	Dark	52.000	86	35Eta Oph	2.4300	10200.	104	46911	No
252	GOM_NL__2PRFIN20110218_221535_000000493099_00345_46911_5032.N1	18-FEB-2011 22:15:35	Dark	48.500	25	35Lam Sco	1.6200	28000.	97	46911	No
253	GOM_NL__2PRFIN20110218_221700_000000583099_00345_46911_5033.N1	18-FEB-2011 22:17:00	Dark	57.500	75	26Eps Sco	2.2910	4250.0	115	46911	No
254	GOM_NL__2PRFIN20110218_222237_000000493099_00346_46912_5055.N1	18-FEB-2011 22:22:37	Dark	48.500	131	Gam Lup	2.8000	26000.	97	46912	No
255	GOM_NL__2PRFIN20110218_222730_000000433099_00346_46912_5056.N1	18-FEB-2011 22:27:30	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46912	No
256	GOM_NL__2PRFIN20110218_222858_000000443099_00346_46912_5057.N1	18-FEB-2011 22:28:58	Dark	44.000	77	Eps Cen	2.3030	28000.	88	46912	No
257	GOM_NL__2PRFIN20110218_223114_000000523099_00346_46912_5058.N1	18-FEB-2011 22:31:14	Dark	51.500	26	Gam Cru	1.6240	2900.0	103	46912	No
258	GOM_NL__2PRFIN20110218_223317_000000423099_00346_46912_5059.N1	18-FEB-2011 22:33:17	Dark	42.000	99	Del Cen	2.5750	26000.	84	46912	No
259	GOM_NL__2PRFIN20110218_223607_000000393099_00346_46912_5060.N1	18-FEB-2011 22:36:07	Dark	39.000	113	Mu Vel	2.6920	5000.0	78	46912	No
260	GOM_NL__2PRFIN20110218_224920_000000503099_00346_46912_5061.N1	18-FEB-2011 22:49:20	Tw_i_and_stray	49.500	48	30Alp Hya	1.9770	4100.0	99	46912	No
261	GOM_NL__2PRFIN20110218_225618_000000673099_00346_46912_5062.N1	18-FEB-2011 22:56:18	Bright	67.000	22	32Alp Leo	1.3600	15200.	134	46912	No
262	GOM_NL__2PRFIN20110218_225936_000000443099_00346_46912_5063.N1	18-FEB-2011 22:59:36	Bright	43.500	166	17Eps Leo	2.9800	6000.0	87	46912	No
263	GOM_NL__2PRFIN20110218_231112_000000453099_00346_46912_5064.N1	18-FEB-2011 23:11:12	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	46912	No
264	GOM_NL__2PRFIN20110218_231910_000000363099_00346_46912_5065.N1	18-FEB-2011 23:19:10	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46912	No
265	GOM_NL__2PRFIN20110218_232359_000000443099_00346_46912_5066.N1	18-FEB-2011 23:23:59	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	46912	No
266	GOM_NL__2PRFIN20110218_232755_000000423099_00346_46912_5067.N1	18-FEB-2011 23:27:55	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	46912	No
267	GOM_NL__2PRFIN20110218_233221_000000373099_00346_46912_5068.N1	18-FEB-2011 23:32:21	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	46912	No
268	GOM_NL__2PRFIN20110218_234147_000000533099_00346_46912_5069.N1	18-FEB-2011 23:41:47	Bright	53.000	59	55Alp Oph	2.0800	8900.0	106	46912	No
269	GOM_NL__2PRFIN20110218_234407_000000533099_00346_46912_5070.N1	18-FEB-2011 23:44:07	Tw_i_and_stray	53.000	126	60Bet Oph	2.7700	4250.0	106	46912	No
270	GOM_NL__2PRFIN20110218_235146_000000543099_00346_46912_5071.N1	18-FEB-2011 23:51:46	Dark	53.500	86	35Eta Oph	2.4300	10200.	107	46912	No
271	GOM_NL__2PRFIN20110218_235549_000000463099_00346_46912_5072.N1	18-FEB-2011 23:55:49	Dark	46.000	25	35Lam Sco	1.6200	28000.	92	46912	No
272	GOM_NL__2PRFIN20110218_235715_000000543099_00346_46912_5073.N1	18-FEB-2011 23:57:15	Dark	54.000	75	26Eps Sco	2.2910	4250.0	108	46912	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

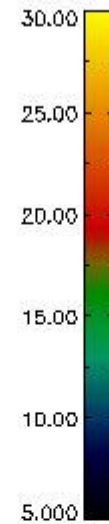
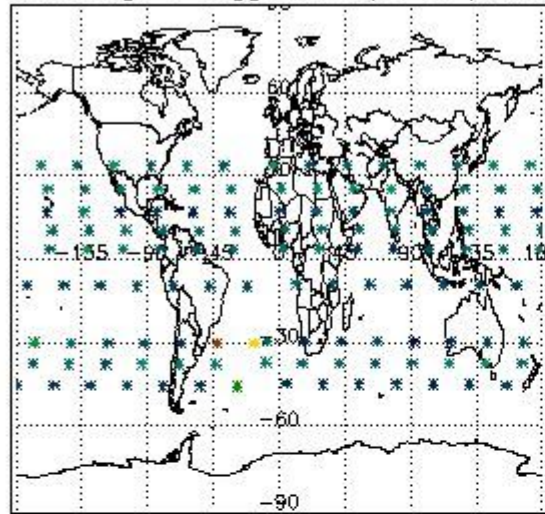
the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

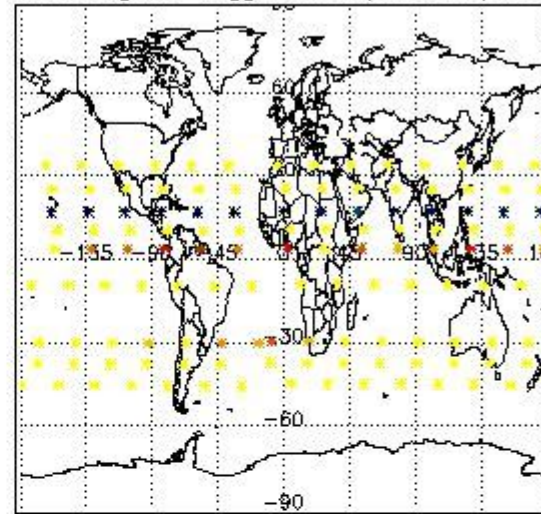


3.2 Plot quality information per product (world map)

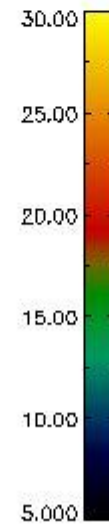
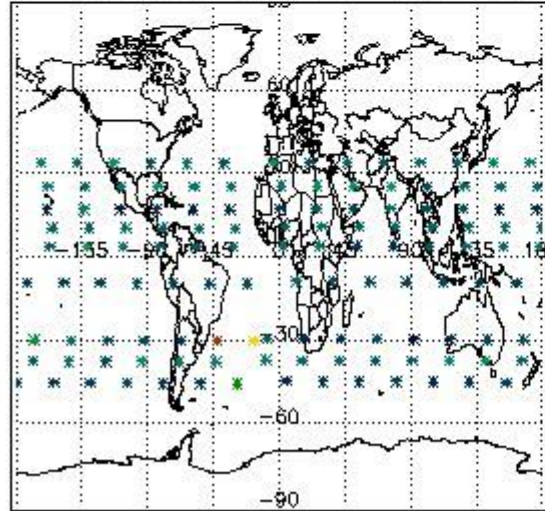
Percentage of flagged data per O3 profile



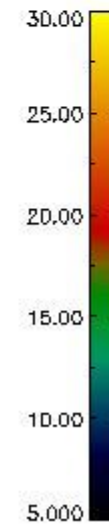
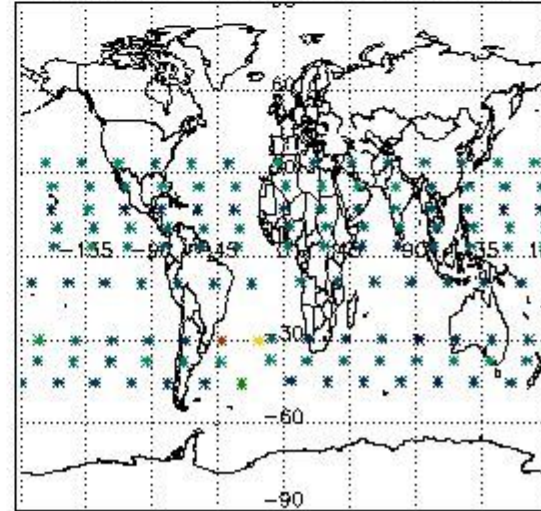
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

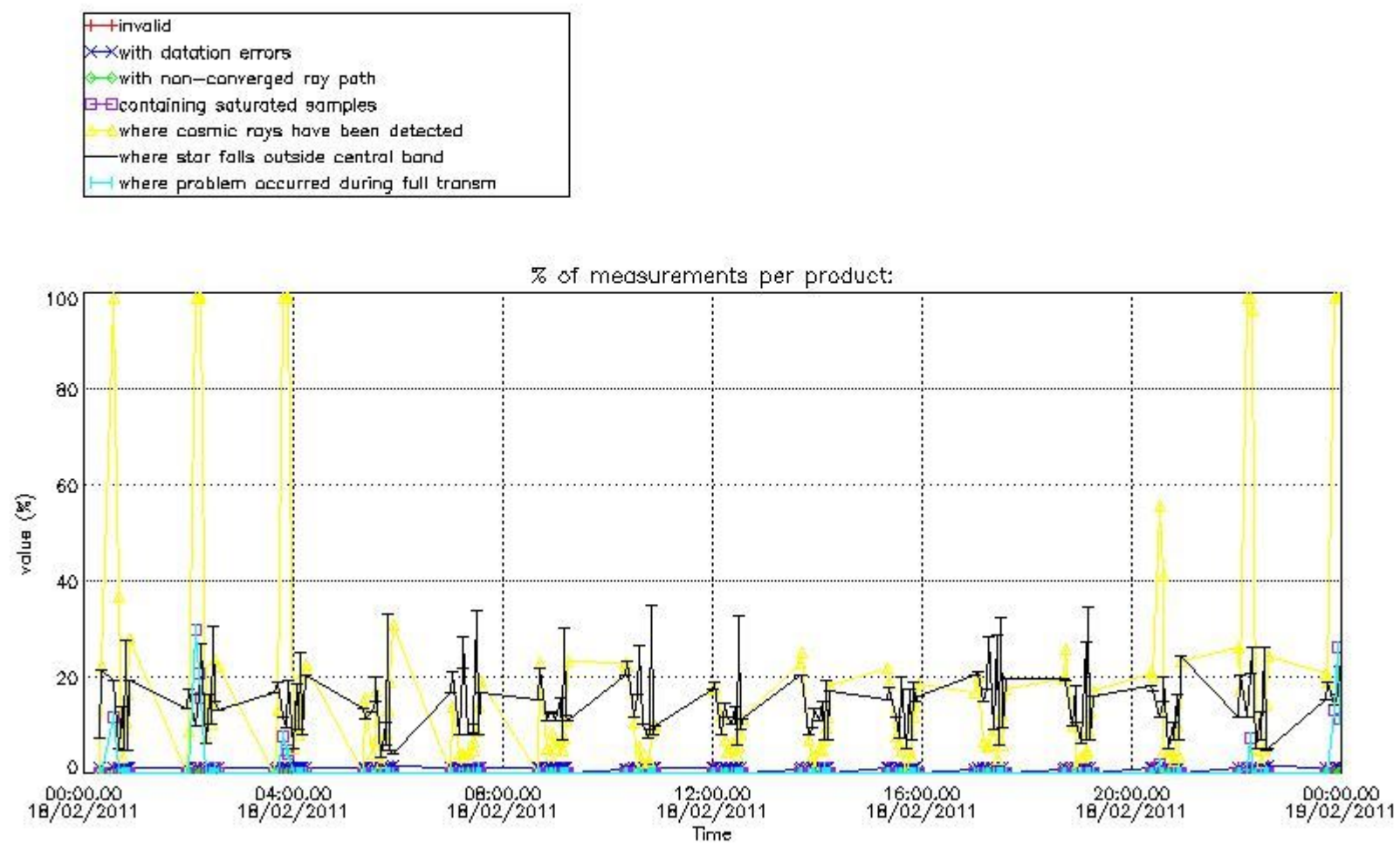


4. Level 1 quality information per product

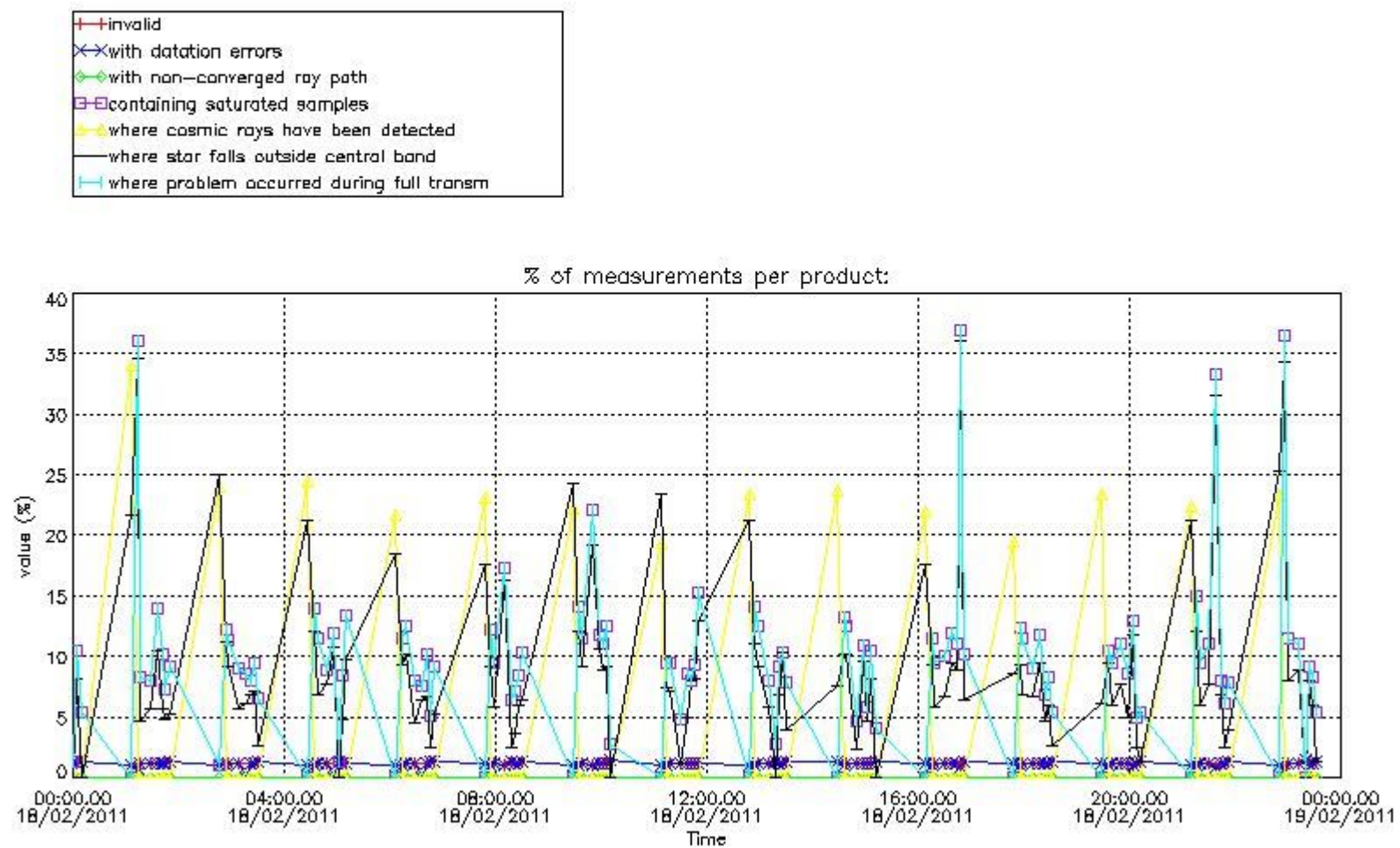
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



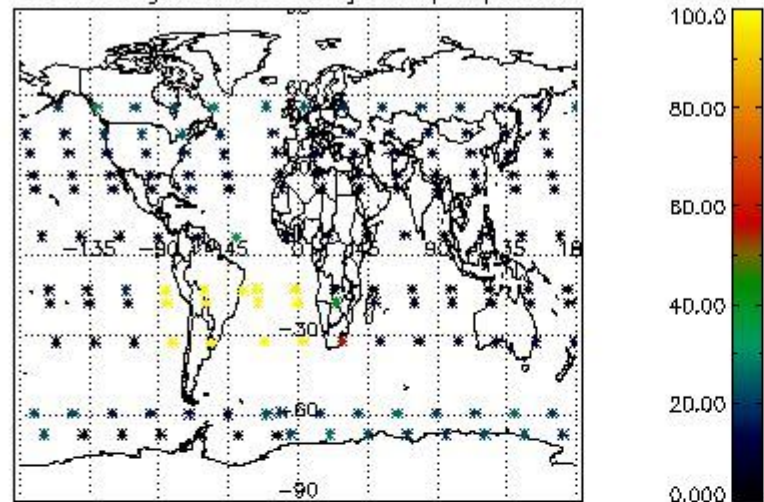
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



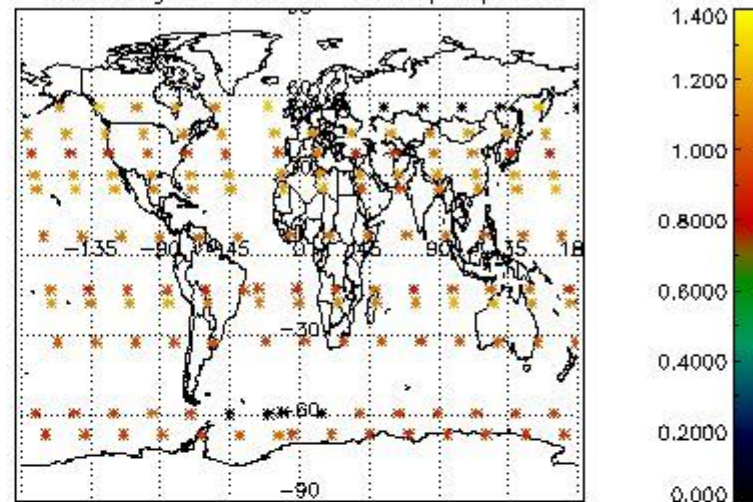
4.2 Plot quality information per product coming from level 1b processing (world map)

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

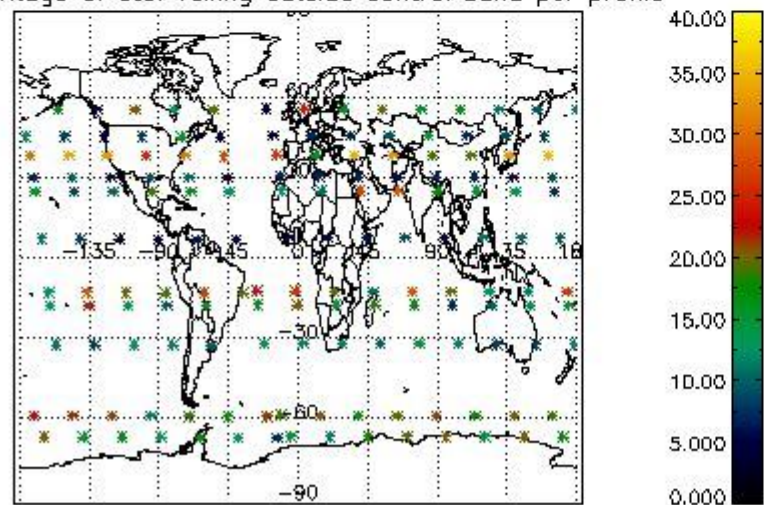
Percentage of cosmic ray hits per profile



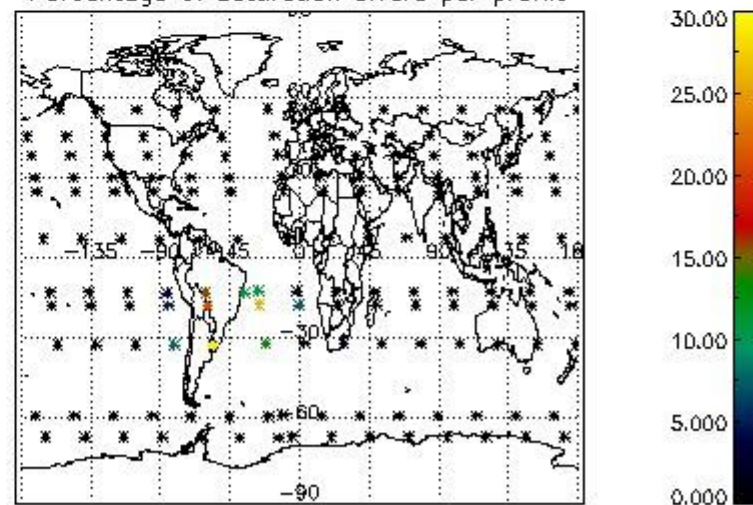
Percentage of datation errors per profile



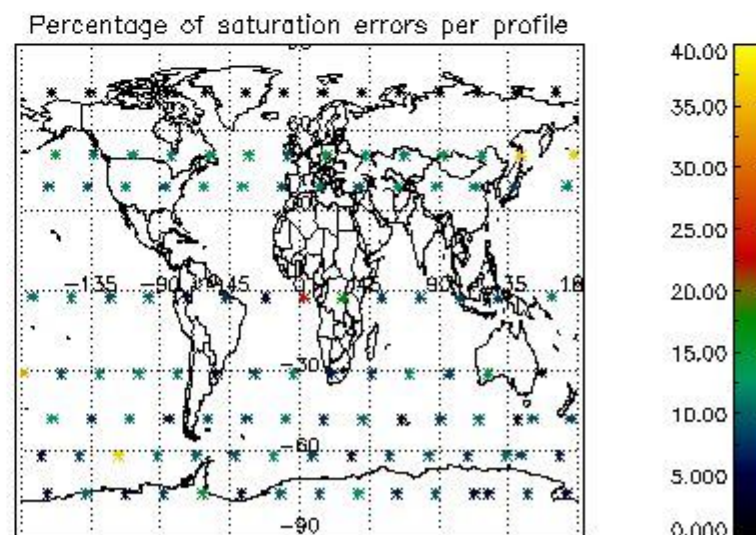
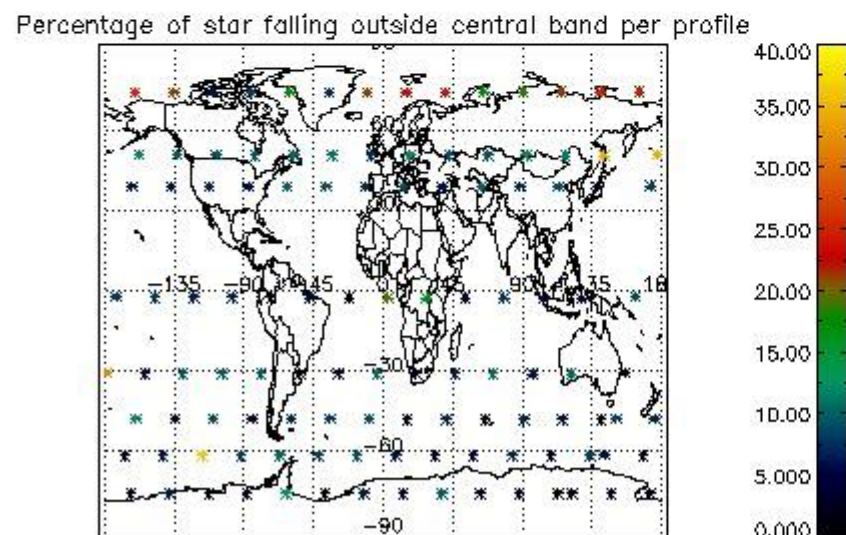
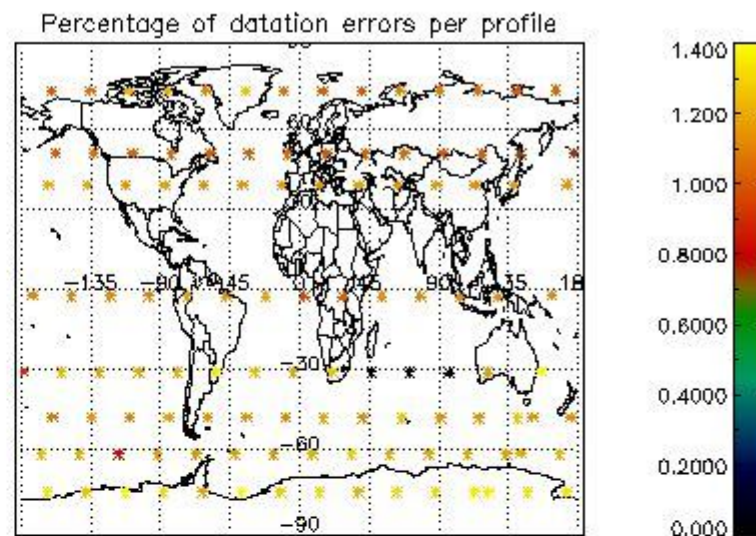
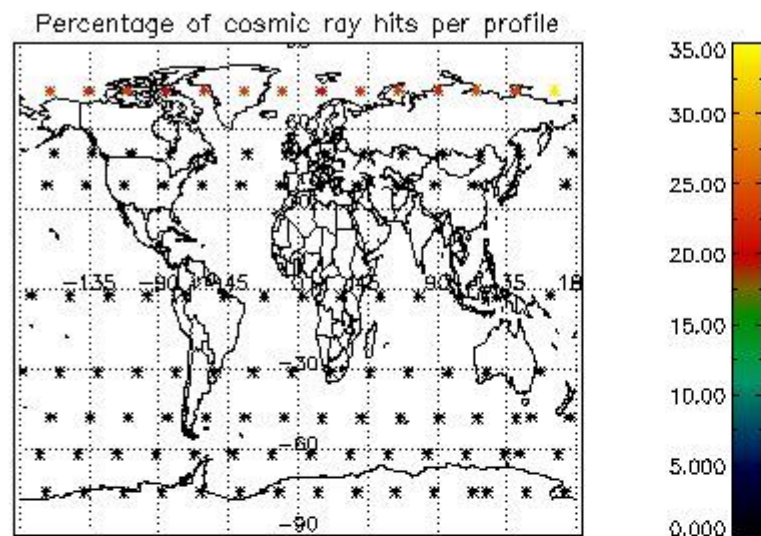
Percentage of star falling outside central band per profile



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

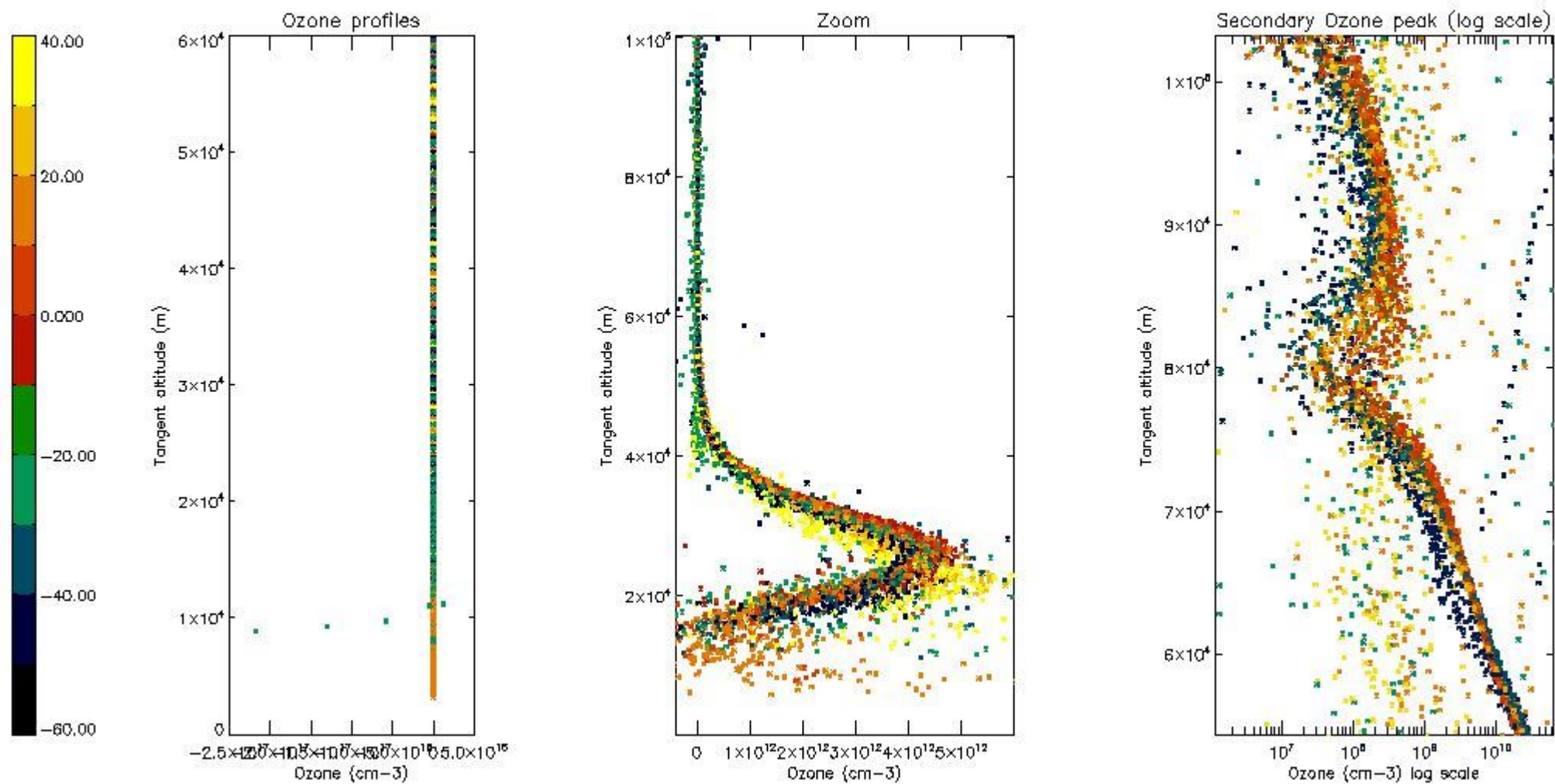
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	48
STD < 20	23

STD < 10	18
STD < 5	12

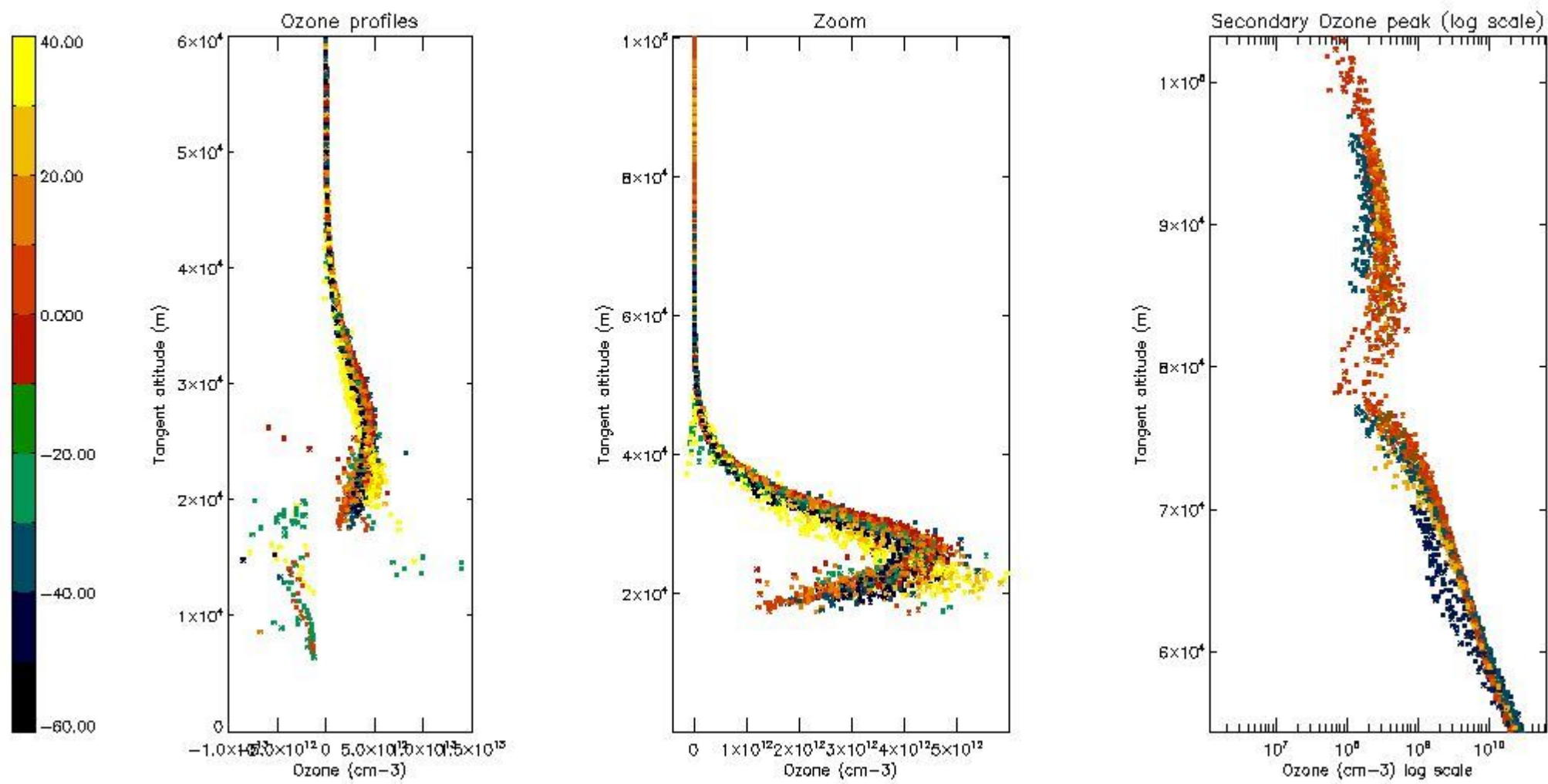
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



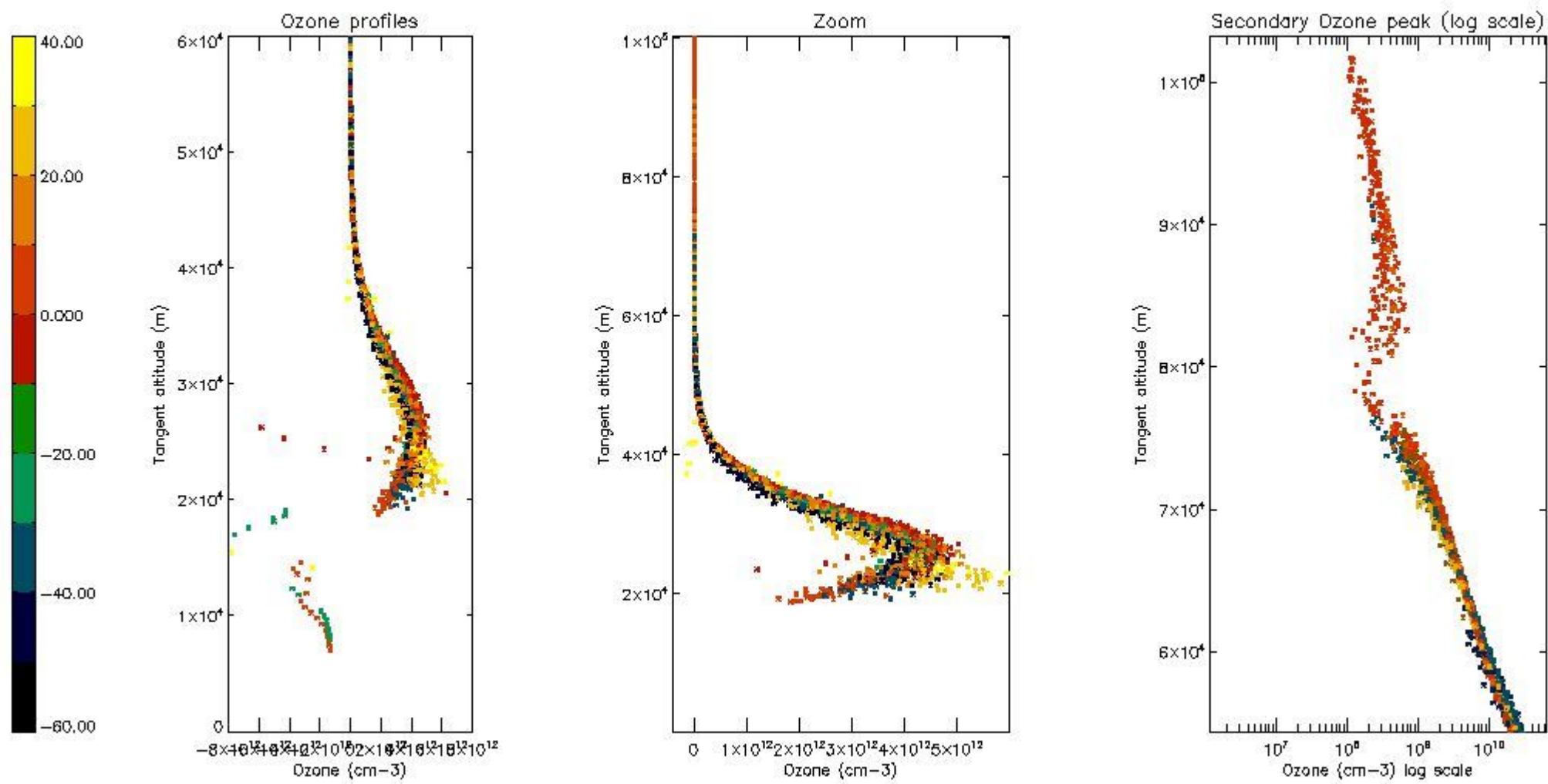
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



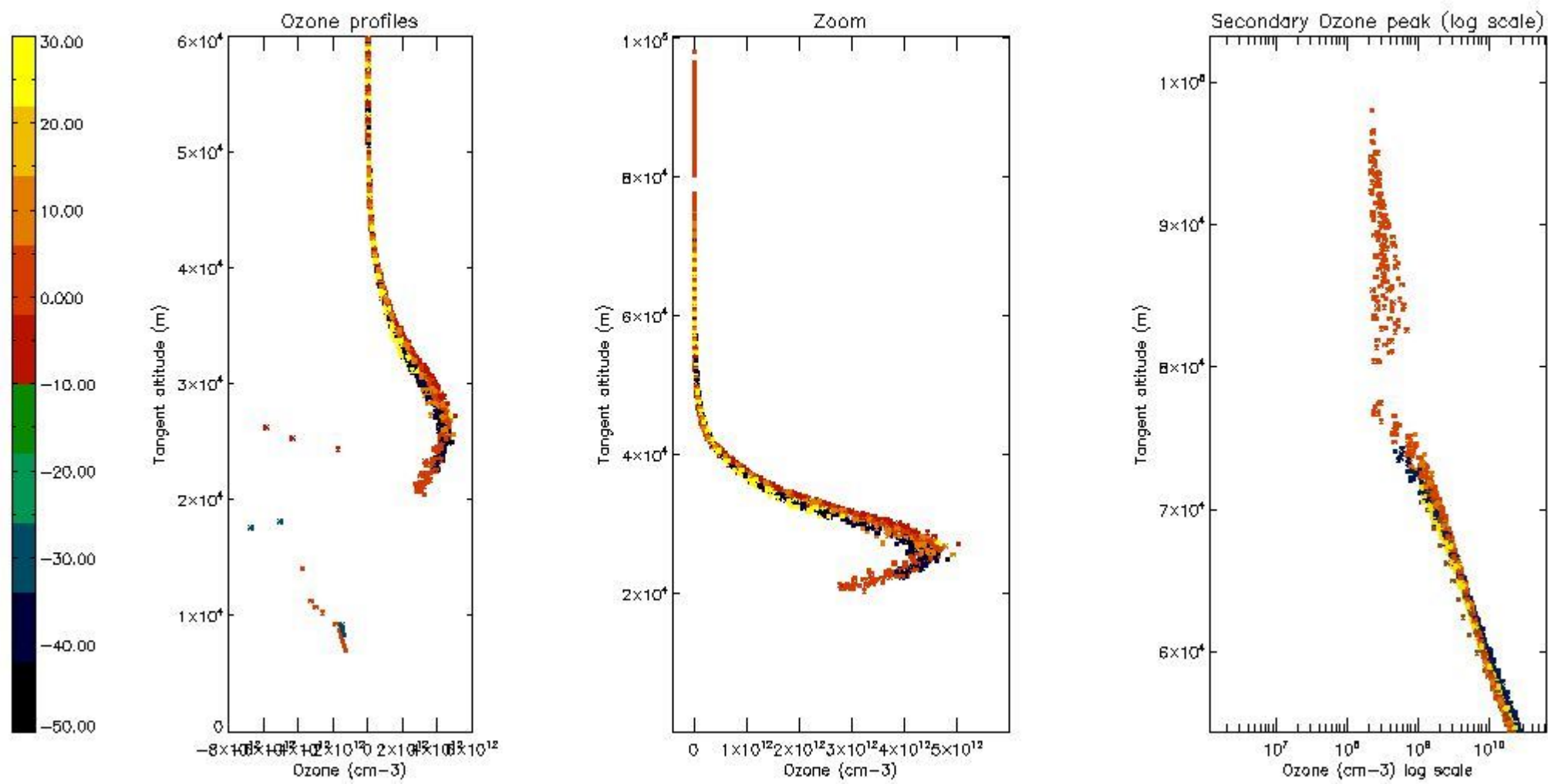
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



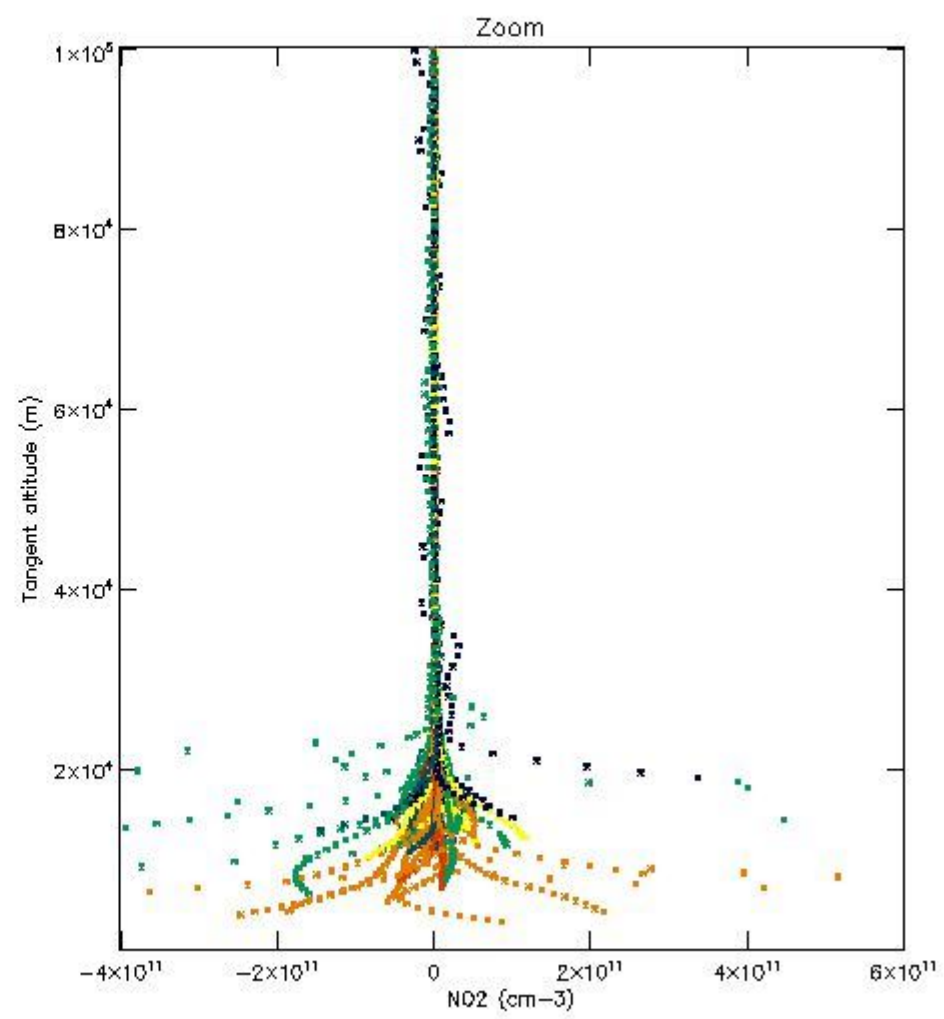
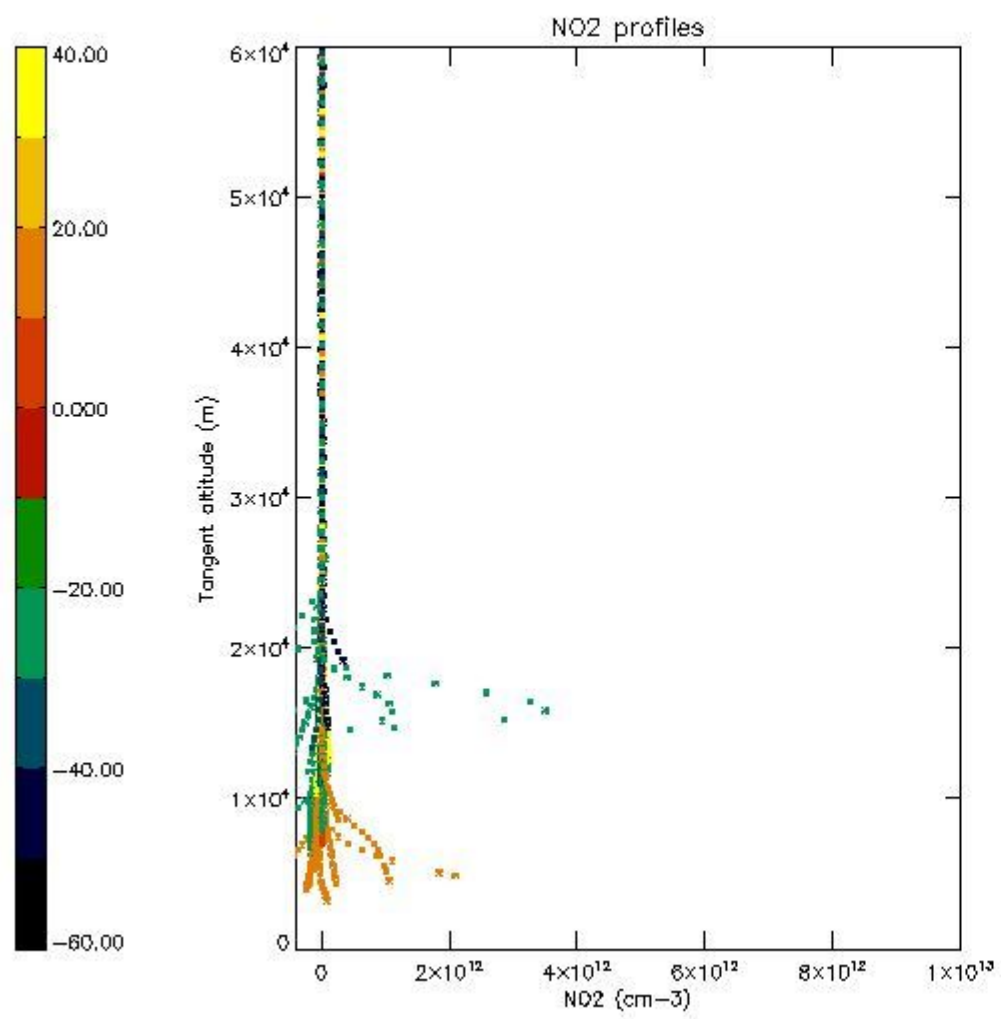
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



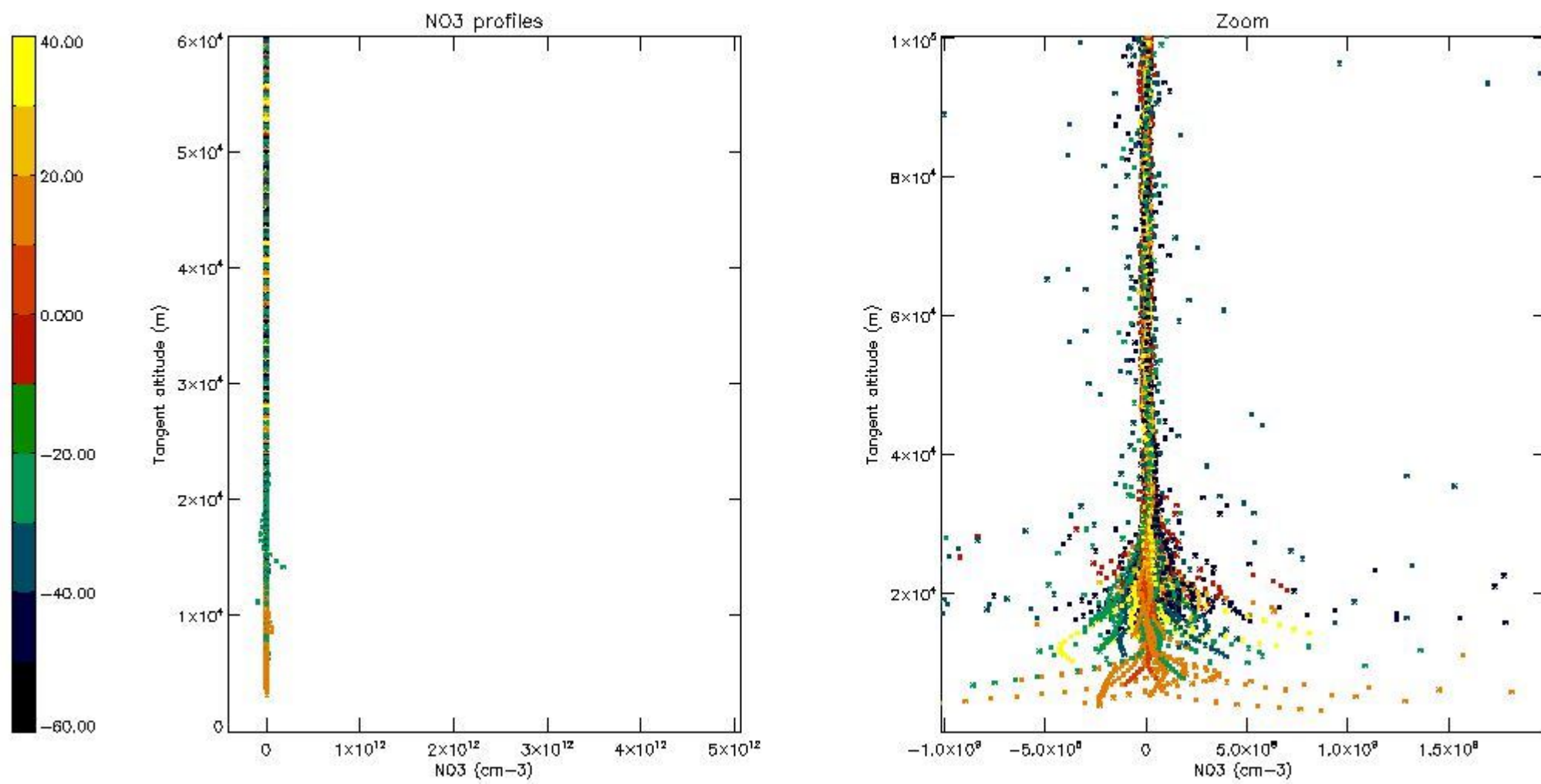
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



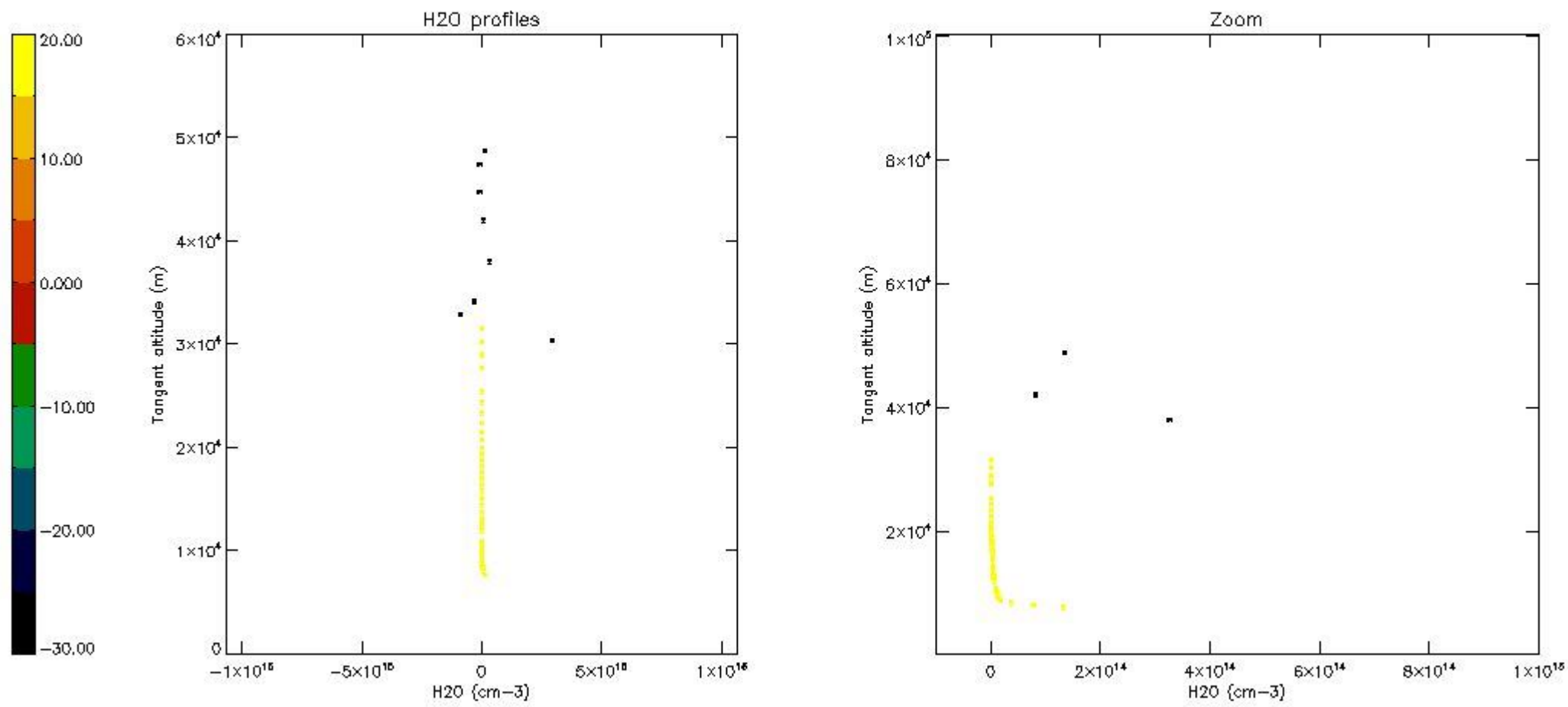
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-FEB-2011 00:00:48
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-FEB-2011 00:00:48
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-FEB-2011 00:00:48

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	24APR2013 10:25:37
Data source version	GOMOS/6.01
Start time of products	18-02-2011 (18FEB2011 00:00:00)
Stop time of products	19-02-2011 (19FEB2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	272
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__2PRFIN20110218_000048_000000403099_00332_46898_4505.N1	18-FEB-2011 00:00:48	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46898	No
2	GOM_NL__2PRFIN20110218_000441_000000433099_00332_46898_4506.N1	18-FEB-2011 00:04:41	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	46898	No
3	GOM_NL__2PRFIN20110218_000904_000000373099_00332_46898_4507.N1	18-FEB-2011 00:09:04	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	46898	No
4	GOM_NL__2PRFIN20110218_001823_000000483099_00332_46898_4508.N1	18-FEB-2011 00:18:23	Bright	48.000	59	55Alp Oph	2.0800	8900.0	96	46898	No
5	GOM_NL__2PRFIN20110218_002042_000000543099_00332_46898_4509.N1	18-FEB-2011 00:20:42	Twilight	54.000	126	60Bet Oph	2.7700	4250.0	108	46898	No
6	GOM_NL__2PRFIN20110218_003346_000000523099_00332_46898_4510.N1	18-FEB-2011 00:33:46	Dark	52.000	75	26Eps Sco	2.2910	4250.0	104	46898	No
7	GOM_NL__2PRFIN20110218_003921_000000483099_00333_46899_4504.N1	18-FEB-2011 00:39:21	Dark	47.500	131	Gam Lup	2.8000	26000.	95	46899	No
8	GOM_NL__2PRFIN20110218_004419_000000443099_00333_46899_4505.N1	18-FEB-2011 00:44:19	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46899	No
9	GOM_NL__2PRFIN20110218_004546_000000443099_00333_46899_4506.N1	18-FEB-2011 00:45:46	Dark	43.500	77	Eps Cen	2.3030	28000.	87	46899	No
10	GOM_NL__2PRFIN20110218_004804_000000533099_00333_46899_4507.N1	18-FEB-2011 00:48:04	Dark	52.500	26	Gam Cru	1.6240	2900.0	105	46899	No
11	GOM_NL__2PRFIN20110218_005007_000000433099_00333_46899_4508.N1	18-FEB-2011 00:50:07	Dark	43.000	99	Del Cen	2.5750	26000.	86	46899	No
12	GOM_NL__2PRFIN20110218_005259_000000473099_00333_46899_4509.N1	18-FEB-2011 00:52:59	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46899	No
13	GOM_NL__2PRFIN20110218_010617_000000493099_00333_46899_4510.N1	18-FEB-2011 01:06:17	Straylight	48.500	48	30Alp Hya	1.9770	4100.0	97	46899	No
14	GOM_NL__2PRFIN20110218_011321_000000683099_00333_46899_4511.N1	18-FEB-2011 01:13:21	Bright	68.000	22	32Alp Leo	1.3600	15200.	136	46899	No
15	GOM_NL__2PRFIN20110218_011639_000000433099_00333_46899_4512.N1	18-FEB-2011 01:16:39	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	46899	No
16	GOM_NL__2PRFIN20110218_012818_000000443099_00333_46899_4513.N1	18-FEB-2011 01:28:18	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	46899	No
17	GOM_NL__2PRFIN20110218_013611_000000433099_00333_46899_4514.N1	18-FEB-2011 01:36:11	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	46899	No
18	GOM_NL__2PRFIN20110218_014101_000000443099_00333_46899_4515.N1	18-FEB-2011 01:41:01	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	46899	No
19	GOM_NL__2PRFIN20110218_014455_000000423099_00333_46899_4516.N1	18-FEB-2011 01:44:55	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	46899	No
20	GOM_NL__2PRFIN20110218_014918_000000393099_00333_46899_4517.N1	18-FEB-2011 01:49:18	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	46899	No
21	GOM_NL__2PRFIN20110218_015838_000000523099_00333_46899_4518.N1	18-FEB-2011 01:58:38	Bright	51.500	59	55Alp Oph	2.0800	8900.0	103	46899	No
22	GOM_NL__2PRFIN20110218_020057_000000523099_00333_46899_4519.N1	18-FEB-2011 02:00:57	Twilight	51.500	126	60Bet Oph	2.7700	4250.0	103	46899	No
23	GOM_NL__2PRFIN20110218_020831_000000513099_00333_46899_4520.N1	18-FEB-2011 02:08:31	Dark	50.500	86	35Eta Oph	2.4300	10200.	101	46899	No
24	GOM_NL__2PRFIN20110218_021239_000000463099_00333_46899_4521.N1	18-FEB-2011 02:12:39	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	46899	No
25	GOM_NL__2PRFIN20110218_021401_000000583099_00333_46899_4522.N1	18-FEB-2011 02:14:01	Dark	57.500	75	26Eps Sco	2.2910	4250.0	115	46899	No
26	GOM_NL__2PRFIN20110218_021936_000000493099_00334_46900_4514.N1	18-FEB-2011 02:19:36	Dark	48.500	131	Gam Lup	2.8000	26000.	97	46900	No
27	GOM_NL__2PRFIN20110218_022434_000000463099_00334_46900_4515.N1	18-FEB-2011 02:24:34	Dark	45.500	10	Bet Cen	0.61000	28000.	91	46900	No
28	GOM_NL__2PRFIN20110218_022601_000000453099_00334_46900_4516.N1	18-FEB-2011 02:26:01	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46900	No
29	GOM_NL__2PRFIN20110218_022819_000000563099_00334_46900_4517.N1	18-FEB-2011 02:28:19	Dark	55.500	26	Gam Cru	1.6240	2900.0	111	46900	No
30	GOM_NL__2PRFIN20110218_023022_000000473099_00334_46900_4518.N1	18-FEB-2011 02:30:22	Dark	46.500	99	Del Cen	2.5750	26000.	93	46900	No
31	GOM_NL__2PRFIN20110218_023314_000000433099_00334_46900_4519.N1	18-FEB-2011 02:33:14	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	46900	No
32	GOM_NL__2PRFIN20110218_024631_000000503099_00334_46900_4520.N1	18-FEB-2011 02:46:31	Straylight	50.000	48	30Alp Hya	1.9770	4100.0	100	46900	No
33	GOM_NL__2PRFIN20110218_025334_000000493099_00334_46900_4521.N1	18-FEB-2011 02:53:34	Bright	49.000	22	32Alp Leo	1.3600	15200.	98	46900	No
34	GOM_NL__2PRFIN20110218_025652_000000443099_00334_46900_4522.N1	18-FEB-2011 02:56:52	Bright	44.000	166	17Eps Leo	2.9800	6000.0	88	46900	No
35	GOM_NL__2PRFIN20110218_030831_000000453099_00334_46900_4523.N1	18-FEB-2011 03:08:31	Bright	44.500	82	48Bet UMa	2.3650	10600.	89	46900	No
36	GOM_NL__2PRFIN20110218_031625_000000413099_00334_46900_4524.N1	18-FEB-2011 03:16:25	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46900	No
37	GOM_NL__2PRFIN20110218_032115_000000443099_00334_46900_4525.N1	18-FEB-2011 03:21:15	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	46900	No
38	GOM_NL__2PRFIN20110218_032509_000000433099_00334_46900_4526.N1	18-FEB-2011 03:25:09	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	46900	No
39	GOM_NL__2PRFIN20110218_032932_000000383099_00334_46900_4527.N1	18-FEB-2011 03:29:32	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	46900	No
40	GOM_NL__2PRFIN20110218_033852_000000543099_00334_46900_4528.N1	18-FEB-2011 03:38:52	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	46900	No
41	GOM_NL__2PRFIN20110218_034112_000000533099_00334_46900_4529.N1	18-FEB-2011 03:41:12	Twilight	53.000	126	60Bet Oph	2.7700	4250.0	106	46900	No
42	GOM_NL__2PRFIN20110218_034846_000000523099_00334_46900_4530.N1	18-FEB-2011 03:48:46	Dark	52.000	86	35Eta Oph	2.4300	10200.	104	46900	No

43	GOM_NL__2PRFIN20110218_035253_000000423099_00334_46900_4531.N1	18-FEB-2011 03:52:53	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	46900	No
44	GOM_NL__2PRFIN20110218_035416_000000523099_00334_46900_4532.N1	18-FEB-2011 03:54:16	Dark	52.000	75	26Eps Sco	2.2910	4250.0	104	46900	No
45	GOM_NL__2PRFIN20110218_035951_000000483099_00335_46901_4526.N1	18-FEB-2011 03:59:51	Dark	48.000	131	Gam Lup	2.8000	26000.	96	46901	No
46	GOM_NL__2PRFIN20110218_040449_000000463099_00335_46901_4527.N1	18-FEB-2011 04:04:49	Dark	46.000	10	Bet Cen	0.61000	28000.	92	46901	No
47	GOM_NL__2PRFIN20110218_040616_000000453099_00335_46901_4528.N1	18-FEB-2011 04:06:16	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46901	No
48	GOM_NL__2PRFIN20110218_040834_000000523099_00335_46901_4529.N1	18-FEB-2011 04:08:34	Dark	51.500	26	Gam Cru	1.6240	2900.0	103	46901	No
49	GOM_NL__2PRFIN20110218_041036_000000443099_00335_46901_4530.N1	18-FEB-2011 04:10:36	Dark	43.500	99	Del Cen	2.5750	26000.	87	46901	No
50	GOM_NL__2PRFIN20110218_041329_000000473099_00335_46901_4531.N1	18-FEB-2011 04:13:29	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46901	No
51	GOM_NL__2PRFIN20110218_042645_000000473099_00335_46901_4532.N1	18-FEB-2011 04:26:45	Straylight	47.000	48	30Alp Hya	1.9770	4100.0	94	46901	No
52	GOM_NL__2PRFIN20110218_043348_000000503099_00335_46901_4533.N1	18-FEB-2011 04:33:48	Bright	50.000	22	32Alp Leo	1.3600	15200.	100	46901	No
53	GOM_NL__2PRFIN20110218_043706_000000443099_00335_46901_4534.N1	18-FEB-2011 04:37:06	Bright	43.500	166	17Eps Leo	2.9800	6000.0	87	46901	No
54	GOM_NL__2PRFIN20110218_044845_000000453099_00335_46901_4535.N1	18-FEB-2011 04:48:45	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	46901	No
55	GOM_NL__2PRFIN20110218_045639_000000423099_00335_46901_4536.N1	18-FEB-2011 04:56:39	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	46901	No
56	GOM_NL__2PRFIN20110218_050129_000000403099_00335_46901_4537.N1	18-FEB-2011 05:01:29	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46901	No
57	GOM_NL__2PRFIN20110218_050523_000000423099_00335_46901_4538.N1	18-FEB-2011 05:05:23	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	46901	No
58	GOM_NL__2PRFIN20110218_050946_000000413099_00335_46901_4539.N1	18-FEB-2011 05:09:46	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	46901	No
59	GOM_NL__2PRFIN20110218_051907_000000523099_00335_46901_4540.N1	18-FEB-2011 05:19:07	Bright	51.500	59	55Alp Oph	2.0800	8900.0	103	46901	No
60	GOM_NL__2PRFIN20110218_052126_000000493099_00335_46901_4541.N1	18-FEB-2011 05:21:26	Twilight	48.500	126	60Bet Oph	2.7700	4250.0	97	46901	No
61	GOM_NL__2PRFIN20110218_052901_000000523099_00335_46901_4542.N1	18-FEB-2011 05:29:01	Dark	51.500	86	35Eta Oph	2.4300	10200.	103	46901	No
62	GOM_NL__2PRFIN20110218_053308_000000443099_00335_46901_4543.N1	18-FEB-2011 05:33:08	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	46901	No
63	GOM_NL__2PRFIN20110218_053431_000000533099_00335_46901_4544.N1	18-FEB-2011 05:34:31	Dark	52.500	75	26Eps Sco	2.2910	4250.0	105	46901	No
64	GOM_NL__2PRFIN20110218_054006_000000473099_00336_46902_4538.N1	18-FEB-2011 05:40:06	Dark	47.000	131	Gam Lup	2.8000	26000.	94	46902	No
65	GOM_NL__2PRFIN20110218_054503_000000433099_00336_46902_4539.N1	18-FEB-2011 05:45:03	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46902	No
66	GOM_NL__2PRFIN20110218_054631_000000433099_00336_46902_4540.N1	18-FEB-2011 05:46:31	Dark	43.000	77	Eps Cen	2.3030	28000.	86	46902	No
67	GOM_NL__2PRFIN20110218_054848_000000583099_00336_46902_4541.N1	18-FEB-2011 05:48:48	Dark	57.500	26	Gam Cru	1.6240	2900.0	115	46902	No
68	GOM_NL__2PRFIN20110218_055051_000000423099_00336_46902_4542.N1	18-FEB-2011 05:50:51	Dark	42.000	99	Del Cen	2.5750	26000.	84	46902	No
69	GOM_NL__2PRFIN20110218_055343_000000393099_00336_46902_4543.N1	18-FEB-2011 05:53:43	Dark	39.000	113	Mu Vel	2.6920	5000.0	78	46902	No
70	GOM_NL__2PRFIN20110218_060659_000000463099_00336_46902_4544.N1	18-FEB-2011 06:06:59	Straylight	46.000	48	30Alp Hya	1.9770	4100.0	92	46902	No
71	GOM_NL__2PRFIN20110218_061402_000000483099_00336_46902_4545.N1	18-FEB-2011 06:14:02	Bright	48.000	22	32Alp Leo	1.3600	15200.	96	46902	No
72	GOM_NL__2PRFIN20110218_061720_000000443099_00336_46902_4546.N1	18-FEB-2011 06:17:20	Bright	44.000	166	17Eps Leo	2.9800	6000.0	88	46902	No
73	GOM_NL__2PRFIN20110218_062858_000000443099_00336_46902_4547.N1	18-FEB-2011 06:28:58	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	46902	No
74	GOM_NL__2PRFIN20110218_063653_000000403099_00336_46902_4548.N1	18-FEB-2011 06:36:53	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46902	No
75	GOM_NL__2PRFIN20110218_064142_000000453099_00336_46902_4549.N1	18-FEB-2011 06:41:42	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	46902	No
76	GOM_NL__2PRFIN20110218_064537_000000403099_00336_46902_4550.N1	18-FEB-2011 06:45:37	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	46902	No
77	GOM_NL__2PRFIN20110218_065001_000000393099_00336_46902_4551.N1	18-FEB-2011 06:50:01	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	46902	No
78	GOM_NL__2PRFIN20110218_065922_000000543099_00336_46902_4552.N1	18-FEB-2011 06:59:22	Bright	53.500	59	55Alp Oph	2.0800	8900.0	107	46902	No
79	GOM_NL__2PRFIN20110218_070141_000000553099_00336_46902_4553.N1	18-FEB-2011 07:01:41	Twilight	54.500	126	60Bet Oph	2.7700	4250.0	109	46902	No
80	GOM_NL__2PRFIN20110218_070916_000000493099_00336_46902_4554.N1	18-FEB-2011 07:09:16	Dark	49.000	86	35Eta Oph	2.4300	10200.	98	46902	No
81	GOM_NL__2PRFIN20110218_071323_000000483099_00336_46902_4555.N1	18-FEB-2011 07:13:23	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	46902	No
82	GOM_NL__2PRFIN20110218_071446_000000593099_00336_46902_4556.N1	18-FEB-2011 07:14:46	Dark	58.500	75	26Eps Sco	2.2910	4250.0	117	46902	No
83	GOM_NL__2PRFIN20110218_072021_000000493099_00337_46903_4619.N1	18-FEB-2011 07:20:21	Dark	49.000	131	Gam Lup	2.8000	26000.	98	46903	No
84	GOM_NL__2PRFIN20110218_072518_000000423099_00337_46903_4620.N1	18-FEB-2011 07:25:18	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46903	No
85	GOM_NL__2PRFIN20110218_072646_000000453099_00337_46903_4621.N1	18-FEB-2011 07:26:46	Dark	45.000	77	Eps Cen	2.3030	28000.	90	46903	No
86	GOM_NL__2PRFIN20110218_072903_000000583099_00337_46903_4622.N1	18-FEB-2011 07:29:03	Dark	57.500	26	Gam Cru	1.6240	2900.0	115	46903	No
87	GOM_NL__2PRFIN20110218_073106_000000443099_00337_46903_4623.N1	18-FEB-2011 07:31:06	Dark	43.500	99	Del Cen	2.5750	26000.	87	46903	No
88	GOM_NL__2PRFIN20110218_073358_000000453099_00337_46903_4624.N1	18-FEB-2011 07:33:58	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	46903	No
89	GOM_NL__2PRFIN20110218_074713_000000463099_00337_46903_4625.N1	18-FEB-2011 07:47:13	Twilight	45.500	48	30Alp Hya	1.9770	4100.0	91	46903	No
90	GOM_NL__2PRFIN20110218_075415_000000493099_00337_46903_4626.N1	18-FEB-2011 07:54:15	Bright	49.000	22	32Alp Leo	1.3600	15200.	98	46903	No
91	GOM_NL__2PRFIN20110218_075734_000000433099_00337_46903_4627.N1	18-FEB-2011 07:57:34	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	46903	No
92	GOM_NL__2PRFIN20110218_080912_000000493099_00337_46903_4628.N1	18-FEB-2011 08:09:12	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	46903	No
93	GOM_NL__2PRFIN20110218_081707_000000403099_00337_46903_4629.N1	18-FEB-2011 08:17:07	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46903	No
94	GOM_NL__2PRFIN20110218_082156_000000423099_00337_46903_4630.N1	18-FEB-2011 08:21:56	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	46903	No
95	GOM_NL__2PRFIN20110218_082551_000000423099_00337_46903_4631.N1	18-FEB-2011 08:25:51	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	46903	No
96	GOM_NL__2PRFIN20110218_083015_000000393099_00337_46903_4632.N1	18-FEB-2011 08:30:15	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	46903	No
97	GOM_NL__2PRFIN20110218_083936_000000533099_00337_46903_4633.N1	18-FEB-2011 08:39:36	Bright	52.500	59	55Alp Oph	2.0800	8900.0	105	46903	No
98	GOM_NL__2PRFIN20110218_084155_000000553099_00337_46903_4634.N1	18-FEB-2011 08:41:55	Twilight	55.000	126	60Bet Oph	2.7700	4250.0	110	46903	No
99	GOM_NL__2PRFIN20110218_084931_000000503099_00337_46903_4635.N1	18-FEB-2011 08:49:31	Dark	50.000	86	35Eta Oph	2.4300	10200.	100	46903	No
100	GOM_NL__2PRFIN20110218_085338_000000433099_00337_46903_4636.N1	18-FEB-2011 08:53:38	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	46903	No
101	GOM_NL__2PRFIN20110218_085501_000000483099_00337_46903_4637.N1	18-FEB-2011 08:55:01	Dark	48.000	75	26Eps Sco	2.2910	4250.0	96	46903	No

102	GOM_NL__2PRFIN20110218_090037_000000513099_00338_46904_4690.N1	18-FEB-2011 09:00:37	Dark	50.500	131	Gam Lup	2.8000	26000.	101	46904	No
103	GOM_NL__2PRFIN20110218_090533_000000453099_00338_46904_4691.N1	18-FEB-2011 09:05:33	Dark	45.000	10	Bet Cen	0.61000	28000.	90	46904	No
104	GOM_NL__2PRFIN20110218_090700_000000443099_00338_46904_4692.N1	18-FEB-2011 09:07:00	Dark	44.000	77	Eps Cen	2.3030	28000.	88	46904	No
105	GOM_NL__2PRFIN20110218_090918_000000553099_00338_46904_4693.N1	18-FEB-2011 09:09:18	Dark	55.000	26	Gam Cru	1.6240	2900.0	110	46904	No
106	GOM_NL__2PRFIN20110218_091121_000000463099_00338_46904_4694.N1	18-FEB-2011 09:11:21	Dark	45.500	99	Del Cen	2.5750	26000.	91	46904	No
107	GOM_NL__2PRFIN20110218_091412_000000413099_00338_46904_4695.N1	18-FEB-2011 09:14:12	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	46904	No
108	GOM_NL__2PRFIN20110218_092728_000000503099_00338_46904_4696.N1	18-FEB-2011 09:27:28	Tw_i_and_stray	49.500	48	30Alp Hya	1.9770	4100.0	99	46904	No
109	GOM_NL__2PRFIN20110218_093429_000000503099_00338_46904_4697.N1	18-FEB-2011 09:34:29	Bright	49.500	22	32Alp Leo	1.3600	15200.	99	46904	No
110	GOM_NL__2PRFIN20110218_093747_000000443099_00338_46904_4698.N1	18-FEB-2011 09:37:47	Bright	43.500	166	17Eps Leo	2.9800	6000.0	87	46904	No
111	GOM_NL__2PRFIN20110218_094925_000000523099_00338_46904_4699.N1	18-FEB-2011 09:49:25	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	46904	No
112	GOM_NL__2PRFIN20110218_095720_000000433099_00338_46904_4700.N1	18-FEB-2011 09:57:20	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	46904	No
113	GOM_NL__2PRFIN20110218_100210_000000453099_00338_46904_4701.N1	18-FEB-2011 10:02:10	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	46904	No
114	GOM_NL__2PRFIN20110218_100604_000000443099_00338_46904_4702.N1	18-FEB-2011 10:06:04	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	46904	No
115	GOM_NL__2PRFIN20110218_101029_000000363099_00338_46904_4703.N1	18-FEB-2011 10:10:29	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	46904	No
116	GOM_NL__2PRFIN20110218_101951_000000573099_00338_46904_4704.N1	18-FEB-2011 10:19:51	Bright	56.500	59	55Alp Oph	2.0800	8900.0	113	46904	No
117	GOM_NL__2PRFIN20110218_102210_000000563099_00338_46904_4705.N1	18-FEB-2011 10:22:10	Tw_i_and_stray	56.000	126	60Bet Oph	2.7700	4250.0	112	46904	No
118	GOM_NL__2PRFIN20110218_102946_000000523099_00338_46904_4706.N1	18-FEB-2011 10:29:46	Dark	51.500	86	35Eta Oph	2.4300	10200.	103	46904	No
119	GOM_NL__2PRFIN20110218_103352_000000463099_00338_46904_4707.N1	18-FEB-2011 10:33:52	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	46904	No
120	GOM_NL__2PRFIN20110218_103516_000000573099_00338_46904_4708.N1	18-FEB-2011 10:35:16	Dark	56.500	75	26Eps Sco	2.2910	4250.0	113	46904	No
121	GOM_NL__2PRFIN20110218_104052_000000503099_00339_46905_4737.N1	18-FEB-2011 10:40:52	Dark	50.000	131	Gam Lup	2.8000	26000.	100	46905	No
122	GOM_NL__2PRFIN20110218_104547_000000413099_00339_46905_4738.N1	18-FEB-2011 10:45:47	Dark	41.000	10	Bet Cen	0.61000	28000.	82	46905	No
123	GOM_NL__2PRFIN20110218_104715_000000453099_00339_46905_4739.N1	18-FEB-2011 10:47:15	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46905	No
124	GOM_NL__2PRFIN20110218_104932_000000593099_00339_46905_4740.N1	18-FEB-2011 10:49:32	Dark	58.500	26	Gam Cru	1.6240	2900.0	117	46905	No
125	GOM_NL__2PRFIN20110218_105135_000000443099_00339_46905_4741.N1	18-FEB-2011 10:51:35	Dark	43.500	99	Del Cen	2.5750	26000.	87	46905	No
126	GOM_NL__2PRFIN20110218_105426_000000413099_00339_46905_4742.N1	18-FEB-2011 10:54:26	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	46905	No
127	GOM_NL__2PRFIN20110218_110742_000000493099_00339_46905_4743.N1	18-FEB-2011 11:07:42	Tw_i_and_stray	49.000	48	30Alp Hya	1.9770	4100.0	98	46905	No
128	GOM_NL__2PRFIN20110218_111443_000000483099_00339_46905_4744.N1	18-FEB-2011 11:14:43	Bright	47.500	22	32Alp Leo	1.3600	15200.	95	46905	No
129	GOM_NL__2PRFIN20110218_111801_000000433099_00339_46905_4745.N1	18-FEB-2011 11:18:01	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	46905	No
130	GOM_NL__2PRFIN20110218_112939_000000423099_00339_46905_4746.N1	18-FEB-2011 11:29:39	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	46905	No
131	GOM_NL__2PRFIN20110218_113734_000000413099_00339_46905_4747.N1	18-FEB-2011 11:37:34	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46905	No
132	GOM_NL__2PRFIN20110218_114223_000000443099_00339_46905_4748.N1	18-FEB-2011 11:42:23	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	46905	No
133	GOM_NL__2PRFIN20110218_114618_000000433099_00339_46905_4749.N1	18-FEB-2011 11:46:18	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	46905	No
134	GOM_NL__2PRFIN20110218_115043_000000433099_00339_46905_4750.N1	18-FEB-2011 11:50:43	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	46905	No
135	GOM_NL__2PRFIN20110218_120005_000000553099_00339_46905_4751.N1	18-FEB-2011 12:00:05	Bright	54.500	59	55Alp Oph	2.0800	8900.0	109	46905	No
136	GOM_NL__2PRFIN20110218_120225_000000533099_00339_46905_4752.N1	18-FEB-2011 12:02:25	Tw_i_and_stray	53.000	126	60Bet Oph	2.7700	4250.0	106	46905	No
137	GOM_NL__2PRFIN20110218_121001_000000503099_00339_46905_4753.N1	18-FEB-2011 12:10:01	Dark	49.500	86	35Eta Oph	2.4300	10200.	99	46905	No
138	GOM_NL__2PRFIN20110218_121407_000000453099_00339_46905_4754.N1	18-FEB-2011 12:14:07	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	46905	No
139	GOM_NL__2PRFIN20110218_121531_000000483099_00339_46905_4755.N1	18-FEB-2011 12:15:31	Dark	47.500	75	26Eps Sco	2.2910	4250.0	95	46905	No
140	GOM_NL__2PRFIN20110218_122107_000000503099_00340_46906_4778.N1	18-FEB-2011 12:21:07	Dark	49.500	131	Gam Lup	2.8000	26000.	99	46906	No
141	GOM_NL__2PRFIN20110218_122602_000000443099_00340_46906_4779.N1	18-FEB-2011 12:26:02	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46906	No
142	GOM_NL__2PRFIN20110218_122730_000000433099_00340_46906_4780.N1	18-FEB-2011 12:27:30	Dark	43.000	77	Eps Cen	2.3030	28000.	86	46906	No
143	GOM_NL__2PRFIN20110218_122947_000000573099_00340_46906_4781.N1	18-FEB-2011 12:29:47	Dark	56.500	26	Gam Cru	1.6240	2900.0	113	46906	No
144	GOM_NL__2PRFIN20110218_123150_000000443099_00340_46906_4782.N1	18-FEB-2011 12:31:50	Dark	44.000	99	Del Cen	2.5750	26000.	88	46906	No
145	GOM_NL__2PRFIN20110218_123441_000000413099_00340_46906_4783.N1	18-FEB-2011 12:34:41	Dark	40.500	113	Mu Vel	2.6920	5000.0	81	46906	No
146	GOM_NL__2PRFIN20110218_124755_000000473099_00340_46906_4784.N1	18-FEB-2011 12:47:55	Tw_i_and_stray	47.000	48	30Alp Hya	1.9770	4100.0	94	46906	No
147	GOM_NL__2PRFIN20110218_125457_000000503099_00340_46906_4785.N1	18-FEB-2011 12:54:57	Bright	49.500	22	32Alp Leo	1.3600	15200.	99	46906	No
148	GOM_NL__2PRFIN20110218_125814_000000443099_00340_46906_4786.N1	18-FEB-2011 12:58:14	Bright	44.000	166	17Eps Leo	2.9800	6000.0	88	46906	No
149	GOM_NL__2PRFIN20110218_130952_000000443099_00340_46906_4787.N1	18-FEB-2011 13:09:52	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	46906	No
150	GOM_NL__2PRFIN20110218_131748_000000373099_00340_46906_4788.N1	18-FEB-2011 13:17:48	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46906	No
151	GOM_NL__2PRFIN20110218_132237_000000443099_00340_46906_4789.N1	18-FEB-2011 13:22:37	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	46906	No
152	GOM_NL__2PRFIN20110218_132632_000000443099_00340_46906_4790.N1	18-FEB-2011 13:26:32	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	46906	No
153	GOM_NL__2PRFIN20110218_133057_000000383099_00340_46906_4791.N1	18-FEB-2011 13:30:57	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	46906	No
154	GOM_NL__2PRFIN20110218_134020_000000573099_00340_46906_4792.N1	18-FEB-2011 13:40:20	Bright	56.500	59	55Alp Oph	2.0800	8900.0	113	46906	No
155	GOM_NL__2PRFIN20110218_134239_000000543099_00340_46906_4793.N1	18-FEB-2011 13:42:39	Tw_i_and_stray	54.000	126	60Bet Oph	2.7700	4250.0	108	46906	No
156	GOM_NL__2PRFIN20110218_135016_000000503099_00340_46906_4794.N1	18-FEB-2011 13:50:16	Dark	49.500	86	35Eta Oph	2.4300	10200.	99	46906	No
157	GOM_NL__2PRFIN20110218_135421_000000423099_00340_46906_4795.N1	18-FEB-2011 13:54:21	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	46906	No
158	GOM_NL__2PRFIN20110218_135546_000000493099_00340_46906_4796.N1	18-FEB-2011 13:55:46	Dark	48.500	75	26Eps Sco	2.2910	4250.0	97	46906	No
159	GOM_NL__2PRFIN20110218_140122_000000503099_00341_46907_4860.N1	18-FEB-2011 14:01:22	Dark	50.000	131	Gam Lup	2.8000	26000.	100	46907	No
160	GOM_NL__2PRFIN20110218_140617_000000443099_00341_46907_4861.N1	18-FEB-2011 14:06:17	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46907	No

161	GOM_NL__2PRFIN20110218_140745_000000443099_00341_46907_4862.N1	18-FEB-2011 14:07:45	Dark	44.000	77	Eps Cen	2.3030	28000.	88	46907	No
162	GOM_NL__2PRFIN20110218_141001_000000473099_00341_46907_4863.N1	18-FEB-2011 14:10:01	Dark	47.000	26	Gam Cru	1.6240	2900.0	94	46907	No
163	GOM_NL__2PRFIN20110218_141204_000000433099_00341_46907_4864.N1	18-FEB-2011 14:12:04	Dark	43.000	99	Del Cen	2.5750	26000.	86	46907	No
164	GOM_NL__2PRFIN20110218_141455_000000443099_00341_46907_4865.N1	18-FEB-2011 14:14:55	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	46907	No
165	GOM_NL__2PRFIN20110218_142809_000000403099_00341_46907_4866.N1	18-FEB-2011 14:28:09	Tw_i_and_stray	40.000	48	30Alp Hya	1.9770	4100.0	80	46907	No
166	GOM_NL__2PRFIN20110218_143510_000000493099_00341_46907_4867.N1	18-FEB-2011 14:35:10	Bright	49.000	22	32Alp Leo	1.3600	15200.	98	46907	No
167	GOM_NL__2PRFIN20110218_143828_000000443099_00341_46907_4868.N1	18-FEB-2011 14:38:28	Bright	44.000	166	17Eps Leo	2.9800	6000.0	88	46907	No
168	GOM_NL__2PRFIN20110218_145005_000000433099_00341_46907_4869.N1	18-FEB-2011 14:50:05	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	46907	No
169	GOM_NL__2PRFIN20110218_145801_000000423099_00341_46907_4870.N1	18-FEB-2011 14:58:01	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46907	No
170	GOM_NL__2PRFIN20110218_150251_000000433099_00341_46907_4871.N1	18-FEB-2011 15:02:51	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	46907	No
171	GOM_NL__2PRFIN20110218_150646_000000433099_00341_46907_4872.N1	18-FEB-2011 15:06:46	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	46907	No
172	GOM_NL__2PRFIN20110218_151111_000000373099_00341_46907_4873.N1	18-FEB-2011 15:11:11	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	46907	No
173	GOM_NL__2PRFIN20110218_152034_000000533099_00341_46907_4874.N1	18-FEB-2011 15:20:34	Bright	53.000	59	55Alp Oph	2.0800	8900.0	106	46907	No
174	GOM_NL__2PRFIN20110218_152254_000000533099_00341_46907_4875.N1	18-FEB-2011 15:22:54	Tw_i_and_stray	53.000	126	60Bet Oph	2.7700	4250.0	106	46907	No
175	GOM_NL__2PRFIN20110218_153031_000000523099_00341_46907_4876.N1	18-FEB-2011 15:30:31	Dark	51.500	86	35Eta Oph	2.4300	10200.	103	46907	No
176	GOM_NL__2PRFIN20110218_153436_000000413099_00341_46907_4877.N1	18-FEB-2011 15:34:36	Dark	40.500	25	35Lam Sco	1.6200	28000.	81	46907	No
177	GOM_NL__2PRFIN20110218_153600_000000533099_00341_46907_4878.N1	18-FEB-2011 15:36:00	Dark	52.500	75	26Eps Sco	2.2910	4250.0	105	46907	No
178	GOM_NL__2PRFIN20110218_154137_000000483099_00342_46908_4932.N1	18-FEB-2011 15:41:37	Dark	48.000	131	Gam Lup	2.8000	26000.	96	46908	No
179	GOM_NL__2PRFIN20110218_154631_000000463099_00342_46908_4933.N1	18-FEB-2011 15:46:31	Dark	46.000	10	Bet Cen	0.61000	28000.	92	46908	No
180	GOM_NL__2PRFIN20110218_154759_000000443099_00342_46908_4934.N1	18-FEB-2011 15:47:59	Dark	44.000	77	Eps Cen	2.3030	28000.	88	46908	No
181	GOM_NL__2PRFIN20110218_155016_000000483099_00342_46908_4935.N1	18-FEB-2011 15:50:16	Dark	47.500	26	Gam Cru	1.6240	2900.0	95	46908	No
182	GOM_NL__2PRFIN20110218_155219_000000473099_00342_46908_4936.N1	18-FEB-2011 15:52:19	Dark	47.000	99	Del Cen	2.5750	26000.	94	46908	No
183	GOM_NL__2PRFIN20110218_155510_000000443099_00342_46908_4937.N1	18-FEB-2011 15:55:10	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	46908	No
184	GOM_NL__2PRFIN20110218_160823_000000463099_00342_46908_4938.N1	18-FEB-2011 16:08:23	Tw_i_and_stray	45.500	48	30Alp Hya	1.9770	4100.0	91	46908	No
185	GOM_NL__2PRFIN20110218_161523_000000483099_00342_46908_4939.N1	18-FEB-2011 16:15:23	Bright	48.000	22	32Alp Leo	1.3600	15200.	96	46908	No
186	GOM_NL__2PRFIN20110218_161842_000000433099_00342_46908_4940.N1	18-FEB-2011 16:18:42	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	46908	No
187	GOM_NL__2PRFIN20110218_163019_000000453099_00342_46908_4941.N1	18-FEB-2011 16:30:19	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	46908	No
188	GOM_NL__2PRFIN20110218_163815_000000423099_00342_46908_4942.N1	18-FEB-2011 16:38:15	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	46908	No
189	GOM_NL__2PRFIN20110218_164305_000000453099_00342_46908_4943.N1	18-FEB-2011 16:43:05	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	46908	No
190	GOM_NL__2PRFIN20110218_164700_000000613099_00342_46908_4944.N1	18-FEB-2011 16:47:00	Bright	61.000	130	23Bet Dra	2.7990	5800.0	122	46908	No
191	GOM_NL__2PRFIN20110218_165125_000000403099_00342_46908_4945.N1	18-FEB-2011 16:51:25	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	46908	No
192	GOM_NL__2PRFIN20110218_170049_000000573099_00342_46908_4946.N1	18-FEB-2011 17:00:49	Bright	56.500	59	55Alp Oph	2.0800	8900.0	113	46908	No
193	GOM_NL__2PRFIN20110218_170308_000000553099_00342_46908_4947.N1	18-FEB-2011 17:03:08	Tw_i_and_stray	55.000	126	60Bet Oph	2.7700	4250.0	110	46908	No
194	GOM_NL__2PRFIN20110218_171046_000000543099_00342_46908_4948.N1	18-FEB-2011 17:10:46	Dark	53.500	86	35Eta Oph	2.4300	10200.	107	46908	No
195	GOM_NL__2PRFIN20110218_171451_000000463099_00342_46908_4949.N1	18-FEB-2011 17:14:51	Dark	46.000	25	35Lam Sco	1.6200	28000.	92	46908	No
196	GOM_NL__2PRFIN20110218_171615_000000593099_00342_46908_4950.N1	18-FEB-2011 17:16:15	Dark	58.500	75	26Eps Sco	2.2910	4250.0	117	46908	No
197	GOM_NL__2PRFIN20110218_172152_000000503099_00343_46909_4958.N1	18-FEB-2011 17:21:52	Dark	49.500	131	Gam Lup	2.8000	26000.	99	46909	No
198	GOM_NL__2PRFIN20110218_172646_000000533099_00343_46909_4959.N1	18-FEB-2011 17:26:46	Dark	52.500	10	Bet Cen	0.61000	28000.	105	46909	No
199	GOM_NL__2PRFIN20110218_172814_000000443099_00343_46909_4960.N1	18-FEB-2011 17:28:14	Dark	43.500	77	Eps Cen	2.3030	28000.	87	46909	No
200	GOM_NL__2PRFIN20110218_173030_000000573099_00343_46909_4961.N1	18-FEB-2011 17:30:30	Dark	57.000	26	Gam Cru	1.6240	2900.0	114	46909	No
201	GOM_NL__2PRFIN20110218_173234_000000433099_00343_46909_4962.N1	18-FEB-2011 17:32:34	Dark	43.000	99	Del Cen	2.5750	26000.	86	46909	No
202	GOM_NL__2PRFIN20110218_173524_000000463099_00343_46909_4963.N1	18-FEB-2011 17:35:24	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	46909	No
203	GOM_NL__2PRFIN20110218_174838_000000413099_00343_46909_4964.N1	18-FEB-2011 17:48:38	Tw_i_and_stray	41.000	48	30Alp Hya	1.9770	4100.0	82	46909	No
204	GOM_NL__2PRFIN20110218_175537_000000493099_00343_46909_4965.N1	18-FEB-2011 17:55:37	Bright	48.500	22	32Alp Leo	1.3600	15200.	97	46909	No
205	GOM_NL__2PRFIN20110218_175855_000000443099_00343_46909_4966.N1	18-FEB-2011 17:58:55	Bright	43.500	166	17Eps Leo	2.9800	6000.0	87	46909	No
206	GOM_NL__2PRFIN20110218_181032_000000453099_00343_46909_4967.N1	18-FEB-2011 18:10:32	Bright	44.500	82	48Bet UMa	2.3650	10600.	89	46909	No
207	GOM_NL__2PRFIN20110218_181829_000000433099_00343_46909_4968.N1	18-FEB-2011 18:18:29	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	46909	No
208	GOM_NL__2PRFIN20110218_182318_000000443099_00343_46909_4969.N1	18-FEB-2011 18:23:18	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	46909	No
209	GOM_NL__2PRFIN20110218_182714_000000423099_00343_46909_4970.N1	18-FEB-2011 18:27:14	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	46909	No
210	GOM_NL__2PRFIN20110218_183139_000000383099_00343_46909_4971.N1	18-FEB-2011 18:31:39	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	46909	No
211	GOM_NL__2PRFIN20110218_184103_000000573099_00343_46909_4972.N1	18-FEB-2011 18:41:03	Bright	56.500	59	55Alp Oph	2.0800	8900.0	113	46909	No
212	GOM_NL__2PRFIN20110218_184323_000000543099_00343_46909_4973.N1	18-FEB-2011 18:43:23	Tw_i_and_stray	54.000	126	60Bet Oph	2.7700	4250.0	108	46909	No
213	GOM_NL__2PRFIN20110218_185101_000000513099_00343_46909_4974.N1	18-FEB-2011 18:51:01	Dark	51.000	86	35Eta Oph	2.4300	10200.	102	46909	No
214	GOM_NL__2PRFIN20110218_185505_000000473099_00343_46909_4975.N1	18-FEB-2011 18:55:05	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	46909	No
215	GOM_NL__2PRFIN20110218_185630_000000473099_00343_46909_4976.N1	18-FEB-2011 18:56:30	Dark	47.000	75	26Eps Sco	2.2910	4250.0	94	46909	No
216	GOM_NL__2PRFIN20110218_190207_000000493099_00344_46910_4986.N1	18-FEB-2011 19:02:07	Dark	48.500	131	Gam Lup	2.8000	26000.	97	46910	No
217	GOM_NL__2PRFIN20110218_190700_000000523099_00344_46910_4987.N1	18-FEB-2011 19:07:00	Dark	51.500	10	Bet Cen	0.61000	28000.	103	46910	No
218	GOM_NL__2PRFIN20110218_190829_000000443099_00344_46910_4988.N1	18-FEB-2011 19:08:29	Dark	44.000	77	Eps Cen	2.3030	28000.	88	46910	No
219	GOM_NL__2PRFIN20110218_191045_000000583099_00344_46910_4989.N1	18-FEB-2011 19:10:45	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	46910	No

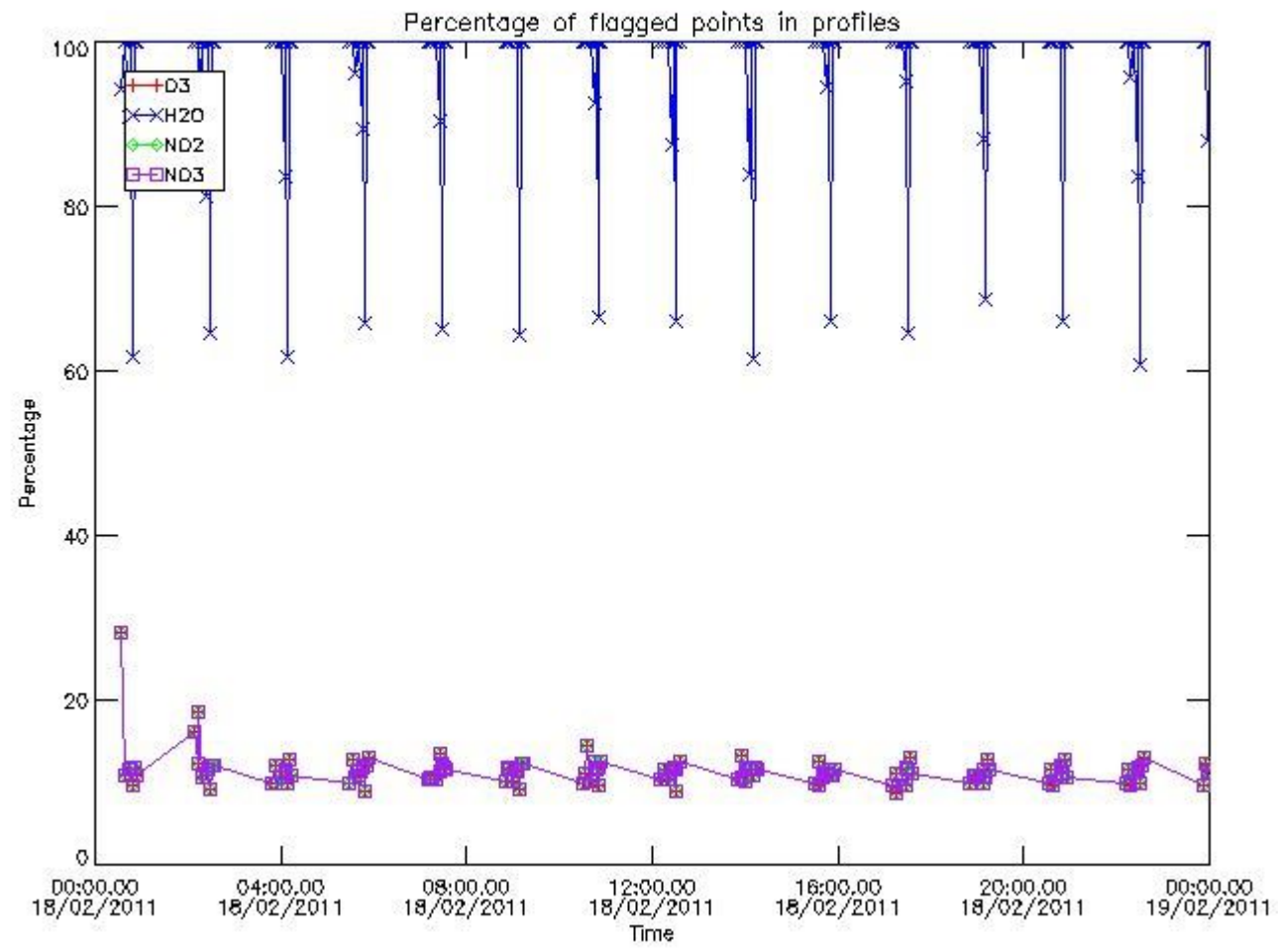
220	GOM_NL__2PRFIN20110218_191248_000000443099_00344_46910_4990.N1	18-FEB-2011 19:12:48	Dark	43.500	99	Del Cen	2.5750	26000.	87	46910	No
221	GOM_NL__2PRFIN20110218_191538_000000443099_00344_46910_4991.N1	18-FEB-2011 19:15:38	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	46910	No
222	GOM_NL__2PRFIN20110218_192852_000000413099_00344_46910_4992.N1	18-FEB-2011 19:28:52	Tw_i_and_stray	40.500	48	30Alp Hya	1.9770	4100.0	81	46910	No
223	GOM_NL__2PRFIN20110218_193551_000000483099_00344_46910_4993.N1	18-FEB-2011 19:35:51	Bright	47.500	22	32Alp Leo	1.3600	15200.	95	46910	No
224	GOM_NL__2PRFIN20110218_193909_000000423099_00344_46910_4994.N1	18-FEB-2011 19:39:09	Bright	42.000	166	17Eps Leo	2.9800	6000.0	84	46910	No
225	GOM_NL__2PRFIN20110218_195045_000000463099_00344_46910_4995.N1	18-FEB-2011 19:50:45	Bright	45.500	82	48Bet UMa	2.3650	10600.	91	46910	No
226	GOM_NL__2PRFIN20110218_195843_000000413099_00344_46910_4996.N1	18-FEB-2011 19:58:43	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46910	No
227	GOM_NL__2PRFIN20110218_200332_000000473099_00344_46910_4997.N1	18-FEB-2011 20:03:32	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	46910	No
228	GOM_NL__2PRFIN20110218_200727_000000413099_00344_46910_4998.N1	18-FEB-2011 20:07:27	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	46910	No
229	GOM_NL__2PRFIN20110218_201153_000000383099_00344_46910_4999.N1	18-FEB-2011 20:11:53	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	46910	No
230	GOM_NL__2PRFIN20110218_202118_000000553099_00344_46910_5000.N1	18-FEB-2011 20:21:18	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46910	No
231	GOM_NL__2PRFIN20110218_202338_000000533099_00344_46910_5001.N1	18-FEB-2011 20:23:38	Tw_i_and_stray	52.500	126	60Bet Oph	2.7700	4250.0	105	46910	No
232	GOM_NL__2PRFIN20110218_203116_000000523099_00344_46910_5002.N1	18-FEB-2011 20:31:16	Dark	52.000	86	35Eta Oph	2.4300	10200.	104	46910	No
233	GOM_NL__2PRFIN20110218_203520_000000443099_00344_46910_5003.N1	18-FEB-2011 20:35:20	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	46910	No
234	GOM_NL__2PRFIN20110218_203645_000000533099_00344_46910_5004.N1	18-FEB-2011 20:36:45	Dark	52.500	75	26Eps Sco	2.2910	4250.0	105	46910	No
235	GOM_NL__2PRFIN20110218_204222_000000483099_00345_46911_5015.N1	18-FEB-2011 20:42:22	Dark	47.500	131	Gam Lup	2.8000	26000.	95	46911	No
236	GOM_NL__2PRFIN20110218_204715_000000423099_00345_46911_5016.N1	18-FEB-2011 20:47:15	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46911	No
237	GOM_NL__2PRFIN20110218_204844_000000443099_00345_46911_5017.N1	18-FEB-2011 20:48:44	Dark	43.500	77	Eps Cen	2.3030	28000.	87	46911	No
238	GOM_NL__2PRFIN20110218_205100_000000463099_00345_46911_5018.N1	18-FEB-2011 20:51:00	Dark	46.000	26	Gam Cru	1.6240	2900.0	92	46911	No
239	GOM_NL__2PRFIN20110218_205303_000000443099_00345_46911_5019.N1	18-FEB-2011 20:53:03	Dark	43.500	99	Del Cen	2.5750	26000.	87	46911	No
240	GOM_NL__2PRFIN20110218_205553_000000483099_00345_46911_5020.N1	18-FEB-2011 20:55:53	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46911	No
241	GOM_NL__2PRFIN20110218_210906_000000473099_00345_46911_5021.N1	18-FEB-2011 21:09:06	Tw_i_and_stray	47.000	48	30Alp Hya	1.9770	4100.0	94	46911	No
242	GOM_NL__2PRFIN20110218_211604_000000503099_00345_46911_5022.N1	18-FEB-2011 21:16:04	Bright	50.000	22	32Alp Leo	1.3600	15200.	100	46911	No
243	GOM_NL__2PRFIN20110218_211923_000000423099_00345_46911_5023.N1	18-FEB-2011 21:19:23	Bright	42.000	166	17Eps Leo	2.9800	6000.0	84	46911	No
244	GOM_NL__2PRFIN20110218_213059_000000453099_00345_46911_5024.N1	18-FEB-2011 21:30:59	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	46911	No
245	GOM_NL__2PRFIN20110218_213856_000000563099_00345_46911_5025.N1	18-FEB-2011 21:38:56	Bright	55.500	60	7Bet UMi	2.0810	3950.0	111	46911	No
246	GOM_NL__2PRFIN20110218_214346_000000443099_00345_46911_5026.N1	18-FEB-2011 21:43:46	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	46911	No
247	GOM_NL__2PRFIN20110218_214741_000000413099_00345_46911_5027.N1	18-FEB-2011 21:47:41	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	46911	No
248	GOM_NL__2PRFIN20110218_215207_000000383099_00345_46911_5028.N1	18-FEB-2011 21:52:07	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	46911	No
249	GOM_NL__2PRFIN20110218_220132_000000523099_00345_46911_5029.N1	18-FEB-2011 22:01:32	Bright	51.500	59	55Alp Oph	2.0800	8900.0	103	46911	No
250	GOM_NL__2PRFIN20110218_220352_000000543099_00345_46911_5030.N1	18-FEB-2011 22:03:52	Tw_i_and_stray	54.000	126	60Bet Oph	2.7700	4250.0	108	46911	No
251	GOM_NL__2PRFIN20110218_221131_000000523099_00345_46911_5031.N1	18-FEB-2011 22:11:31	Dark	52.000	86	35Eta Oph	2.4300	10200.	104	46911	No
252	GOM_NL__2PRFIN20110218_221535_000000493099_00345_46911_5032.N1	18-FEB-2011 22:15:35	Dark	48.500	25	35Lam Sco	1.6200	28000.	97	46911	No
253	GOM_NL__2PRFIN20110218_221700_000000583099_00345_46911_5033.N1	18-FEB-2011 22:17:00	Dark	57.500	75	26Eps Sco	2.2910	4250.0	115	46911	No
254	GOM_NL__2PRFIN20110218_222237_000000493099_00346_46912_5055.N1	18-FEB-2011 22:22:37	Dark	48.500	131	Gam Lup	2.8000	26000.	97	46912	No
255	GOM_NL__2PRFIN20110218_222730_000000433099_00346_46912_5056.N1	18-FEB-2011 22:27:30	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46912	No
256	GOM_NL__2PRFIN20110218_222858_000000443099_00346_46912_5057.N1	18-FEB-2011 22:28:58	Dark	44.000	77	Eps Cen	2.3030	28000.	88	46912	No
257	GOM_NL__2PRFIN20110218_223114_000000523099_00346_46912_5058.N1	18-FEB-2011 22:31:14	Dark	51.500	26	Gam Cru	1.6240	2900.0	103	46912	No
258	GOM_NL__2PRFIN20110218_223317_000000423099_00346_46912_5059.N1	18-FEB-2011 22:33:17	Dark	42.000	99	Del Cen	2.5750	26000.	84	46912	No
259	GOM_NL__2PRFIN20110218_223607_000000393099_00346_46912_5060.N1	18-FEB-2011 22:36:07	Dark	39.000	113	Mu Vel	2.6920	5000.0	78	46912	No
260	GOM_NL__2PRFIN20110218_224920_000000503099_00346_46912_5061.N1	18-FEB-2011 22:49:20	Tw_i_and_stray	49.500	48	30Alp Hya	1.9770	4100.0	99	46912	No
261	GOM_NL__2PRFIN20110218_225618_000000673099_00346_46912_5062.N1	18-FEB-2011 22:56:18	Bright	67.000	22	32Alp Leo	1.3600	15200.	134	46912	No
262	GOM_NL__2PRFIN20110218_225936_000000443099_00346_46912_5063.N1	18-FEB-2011 22:59:36	Bright	43.500	166	17Eps Leo	2.9800	6000.0	87	46912	No
263	GOM_NL__2PRFIN20110218_231112_000000453099_00346_46912_5064.N1	18-FEB-2011 23:11:12	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	46912	No
264	GOM_NL__2PRFIN20110218_231910_000000363099_00346_46912_5065.N1	18-FEB-2011 23:19:10	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46912	No
265	GOM_NL__2PRFIN20110218_232359_000000443099_00346_46912_5066.N1	18-FEB-2011 23:23:59	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	46912	No
266	GOM_NL__2PRFIN20110218_232755_000000423099_00346_46912_5067.N1	18-FEB-2011 23:27:55	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	46912	No
267	GOM_NL__2PRFIN20110218_233221_000000373099_00346_46912_5068.N1	18-FEB-2011 23:32:21	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	46912	No
268	GOM_NL__2PRFIN20110218_234147_000000533099_00346_46912_5069.N1	18-FEB-2011 23:41:47	Bright	53.000	59	55Alp Oph	2.0800	8900.0	106	46912	No
269	GOM_NL__2PRFIN20110218_234407_000000533099_00346_46912_5070.N1	18-FEB-2011 23:44:07	Tw_i_and_stray	53.000	126	60Bet Oph	2.7700	4250.0	106	46912	No
270	GOM_NL__2PRFIN20110218_235146_000000543099_00346_46912_5071.N1	18-FEB-2011 23:51:46	Dark	53.500	86	35Eta Oph	2.4300	10200.	107	46912	No
271	GOM_NL__2PRFIN20110218_235549_000000463099_00346_46912_5072.N1	18-FEB-2011 23:55:49	Dark	46.000	25	35Lam Sco	1.6200	28000.	92	46912	No
272	GOM_NL__2PRFIN20110218_235715_000000543099_00346_46912_5073.N1	18-FEB-2011 23:57:15	Dark	54.000	75	26Eps Sco	2.2910	4250.0	108	46912	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

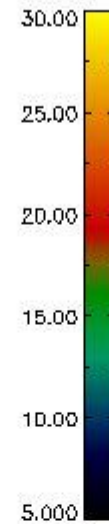
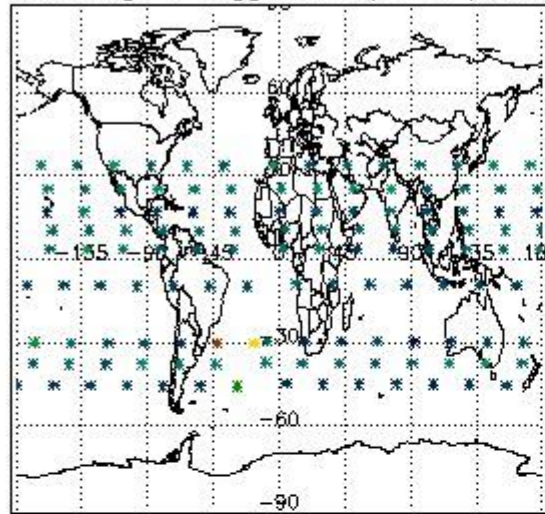
the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

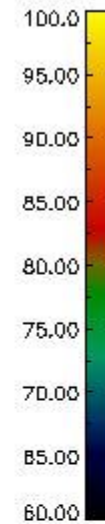
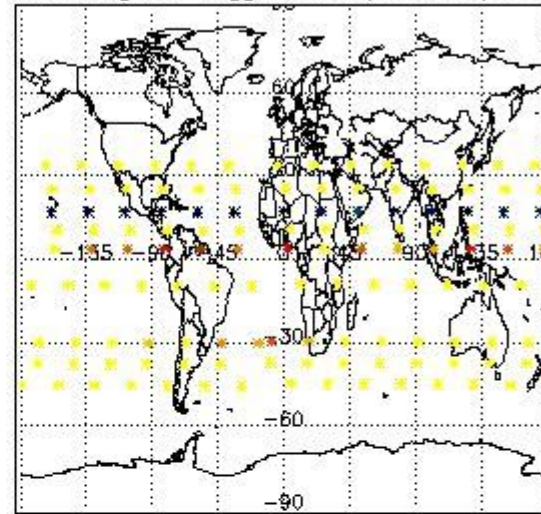


3.2 Plot quality information per product (world map)

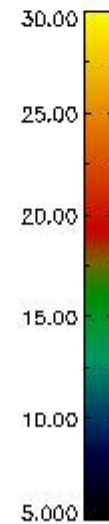
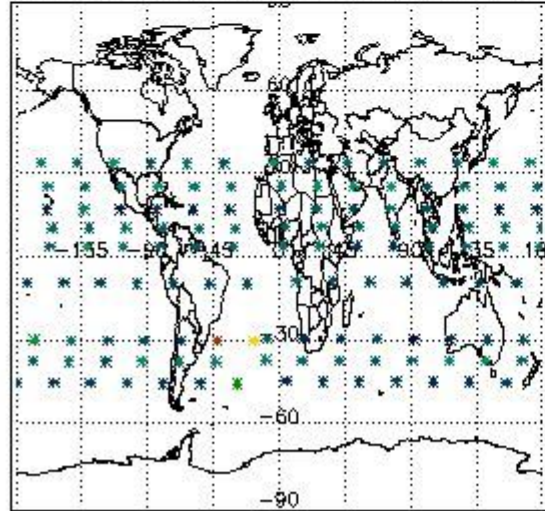
Percentage of flagged data per O3 profile



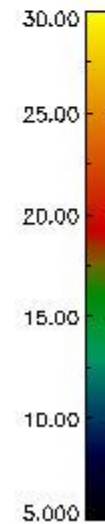
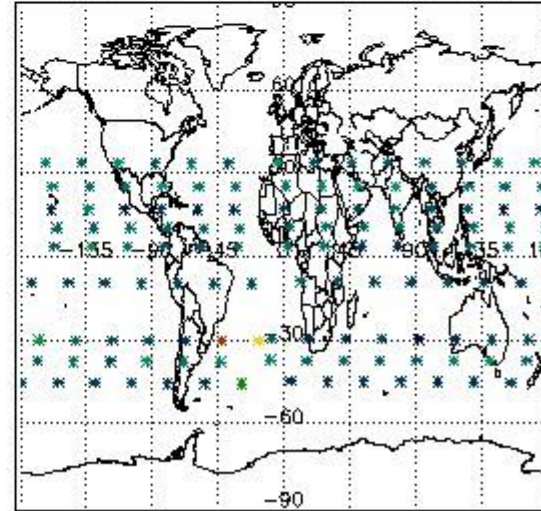
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

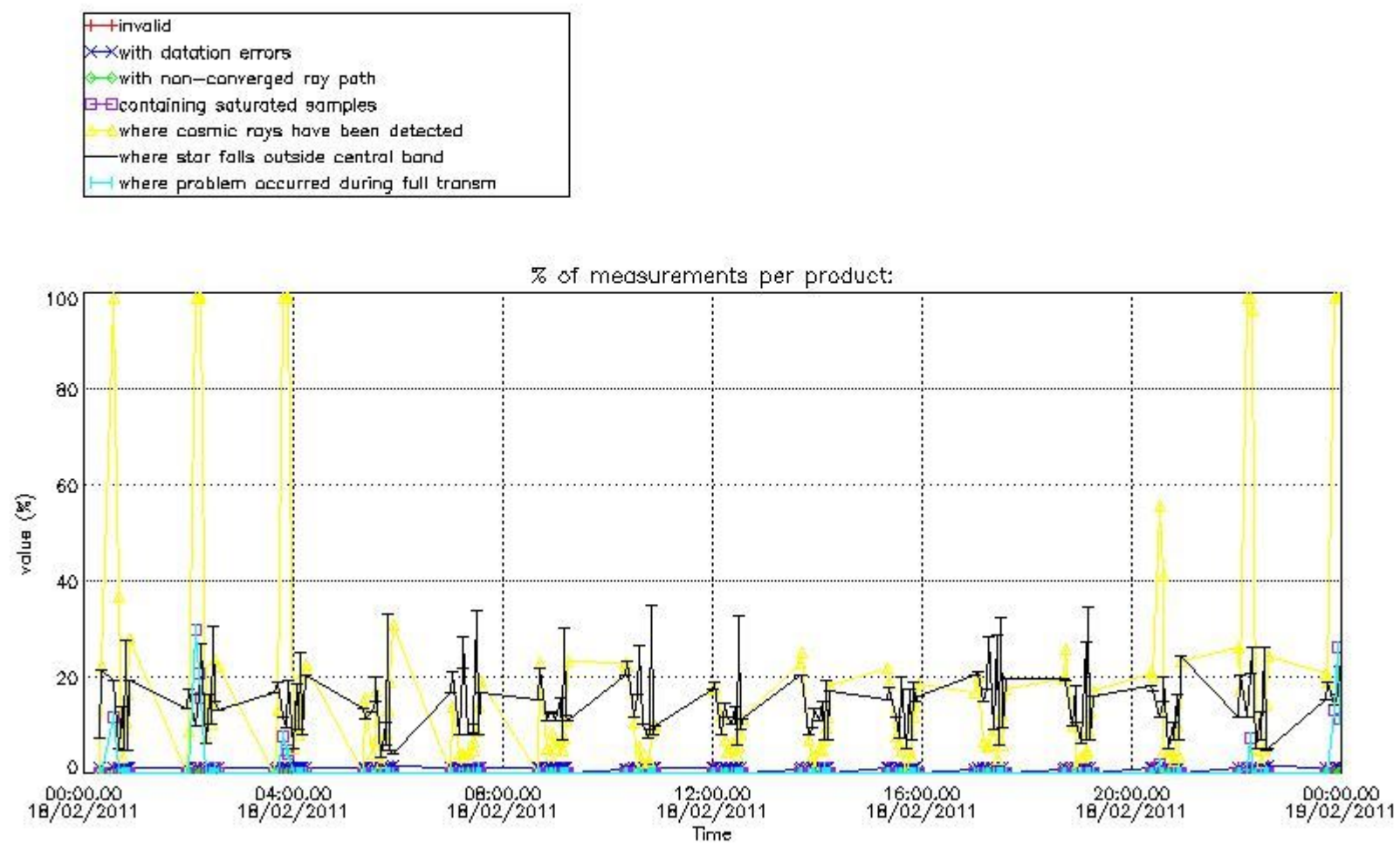


4. Level 1 quality information per product

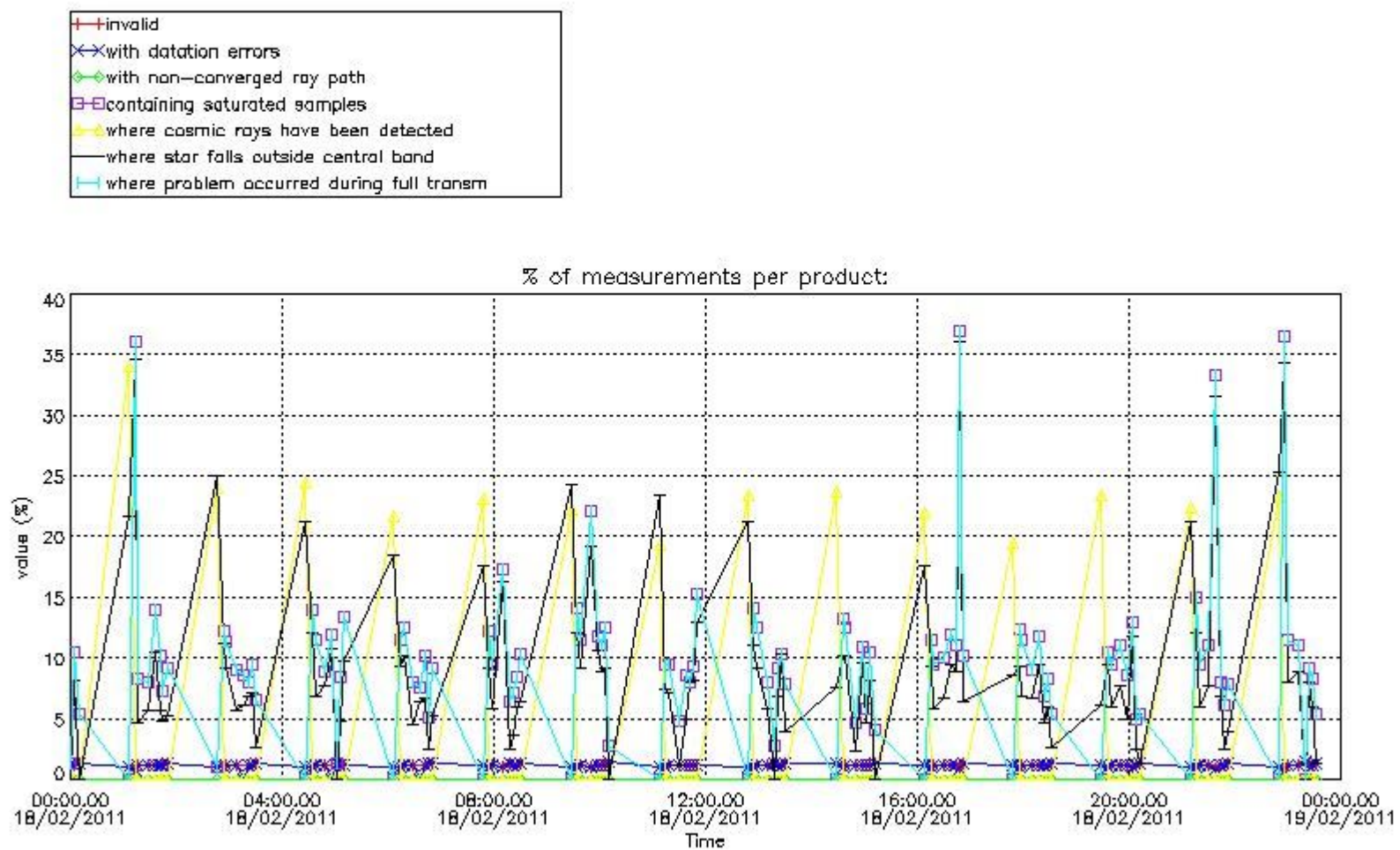
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



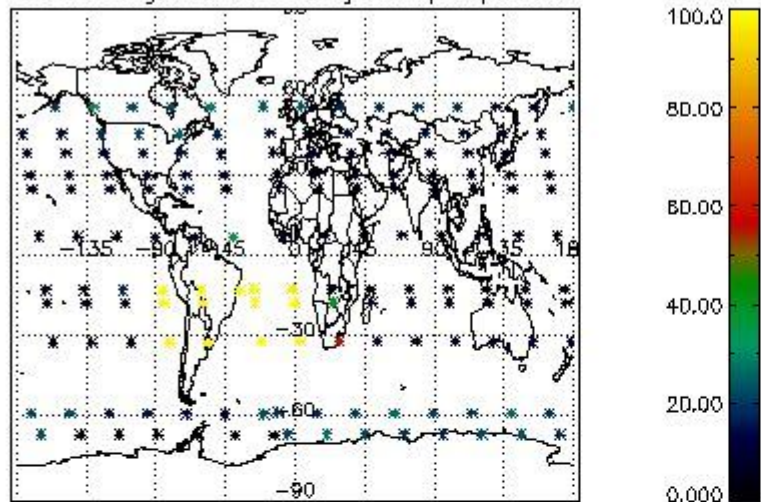
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



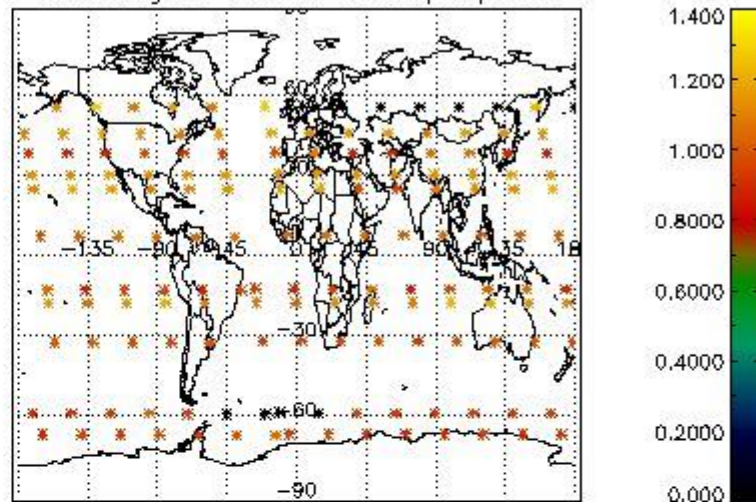
4.2 Plot quality information per product coming from level 1b processing (world map)

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

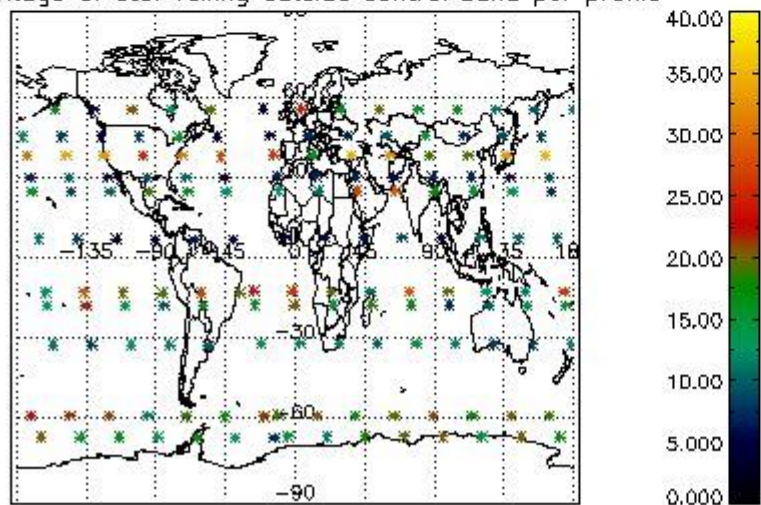
Percentage of cosmic ray hits per profile



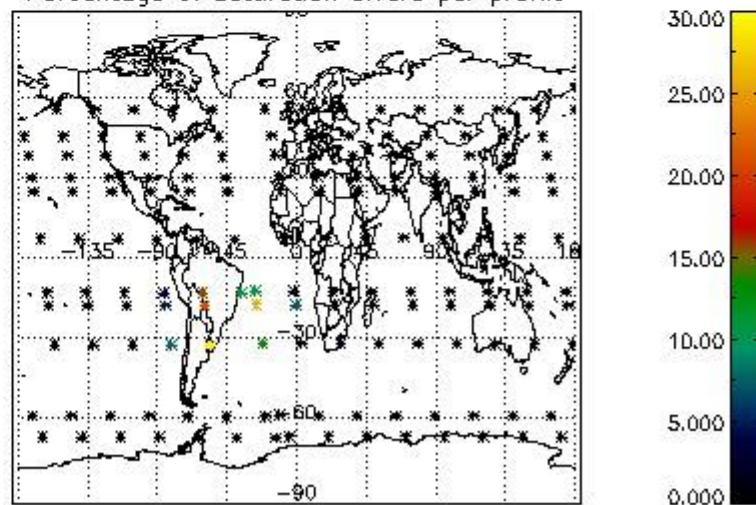
Percentage of datation errors per profile



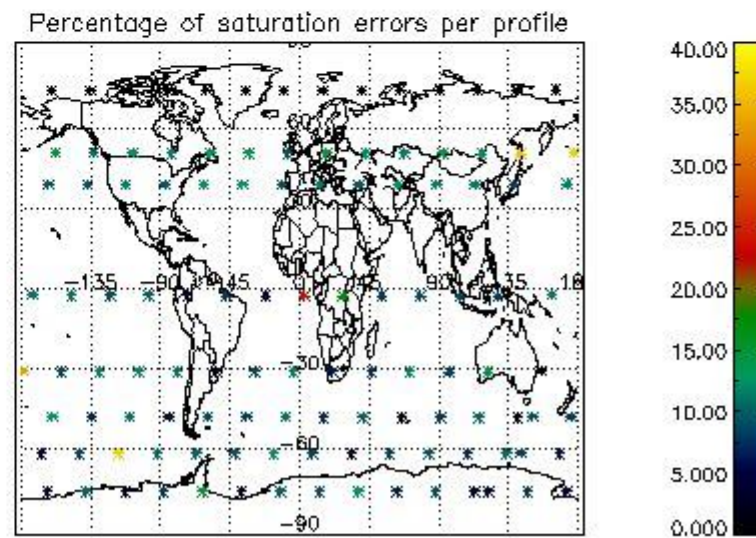
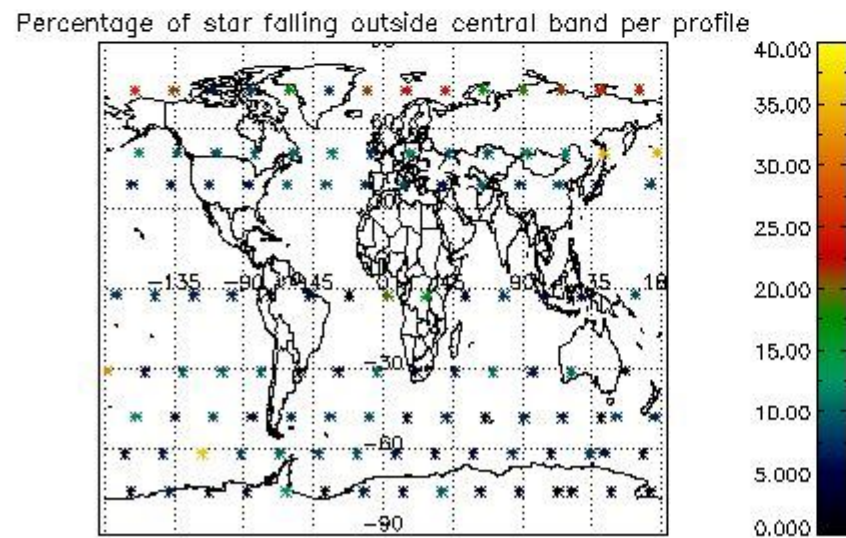
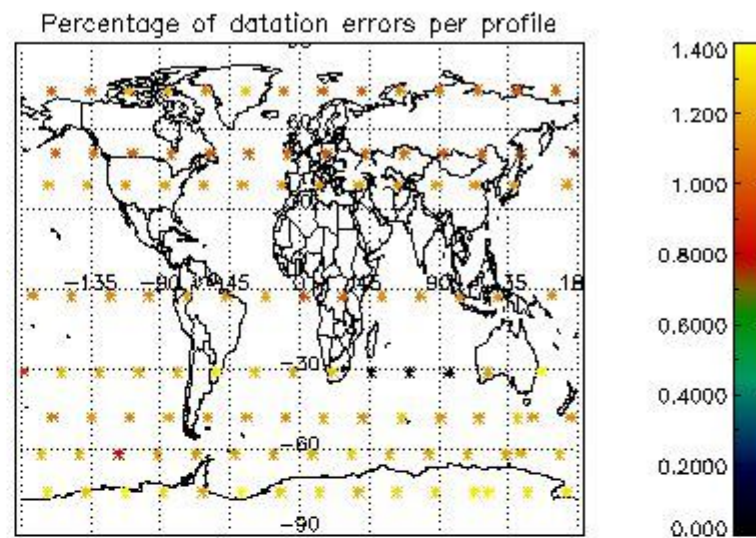
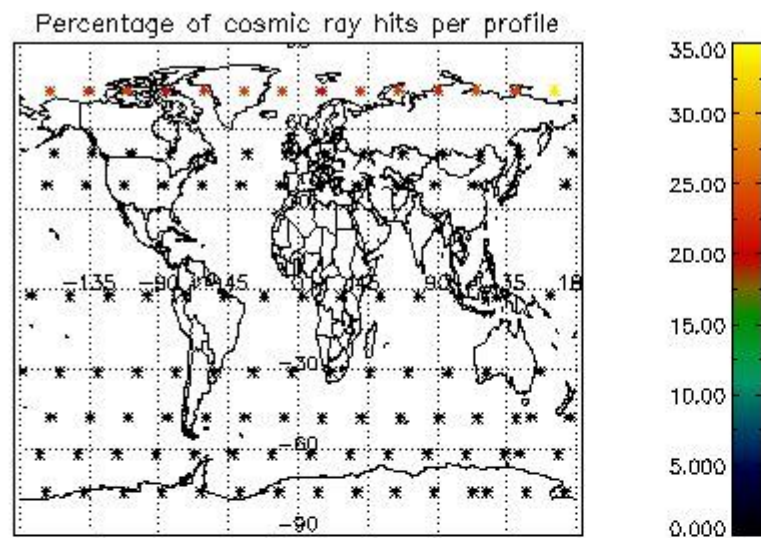
Percentage of star falling outside central band per profile



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

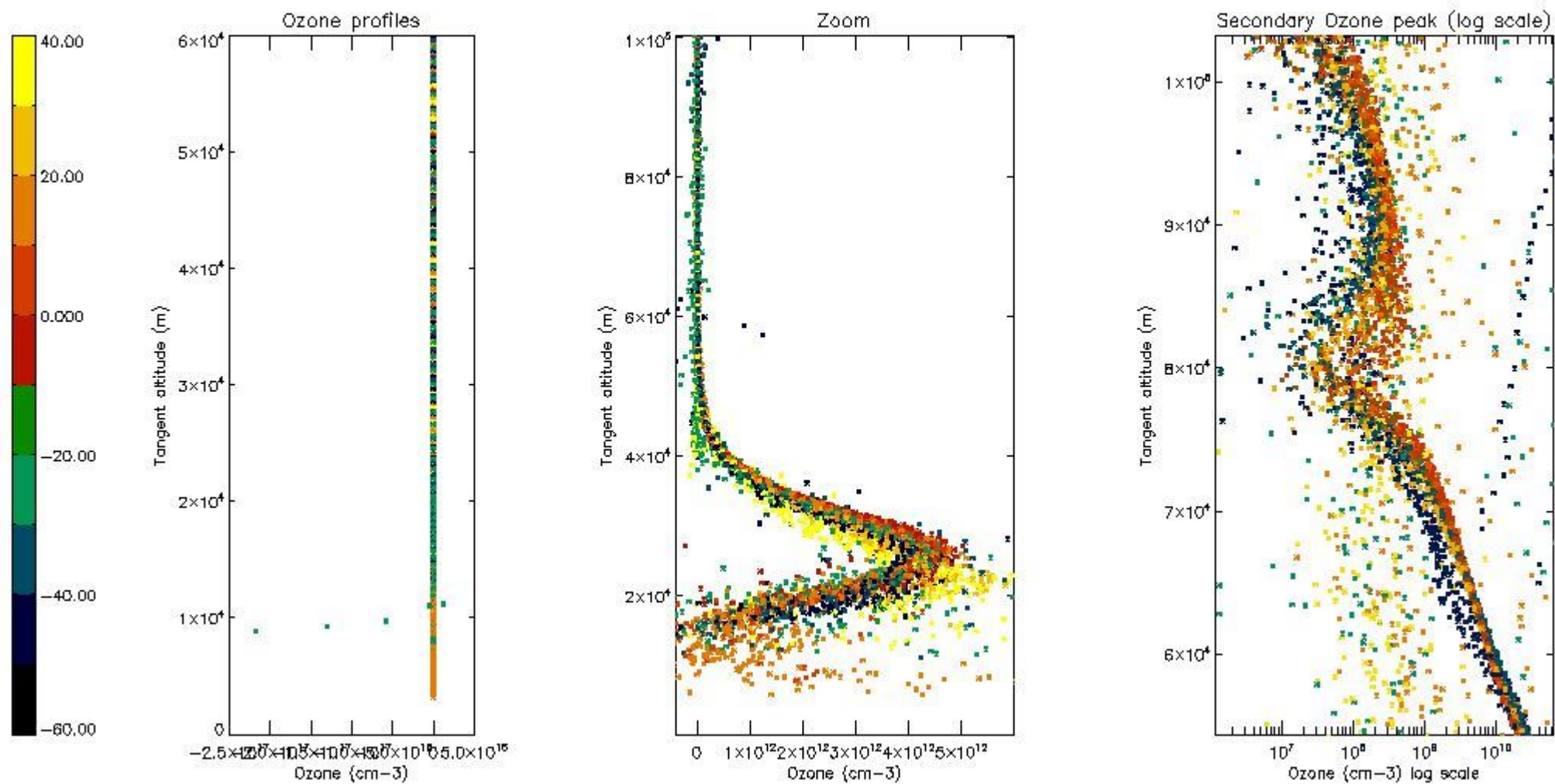
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	48
STD < 20	23

STD < 10	18
STD < 5	12

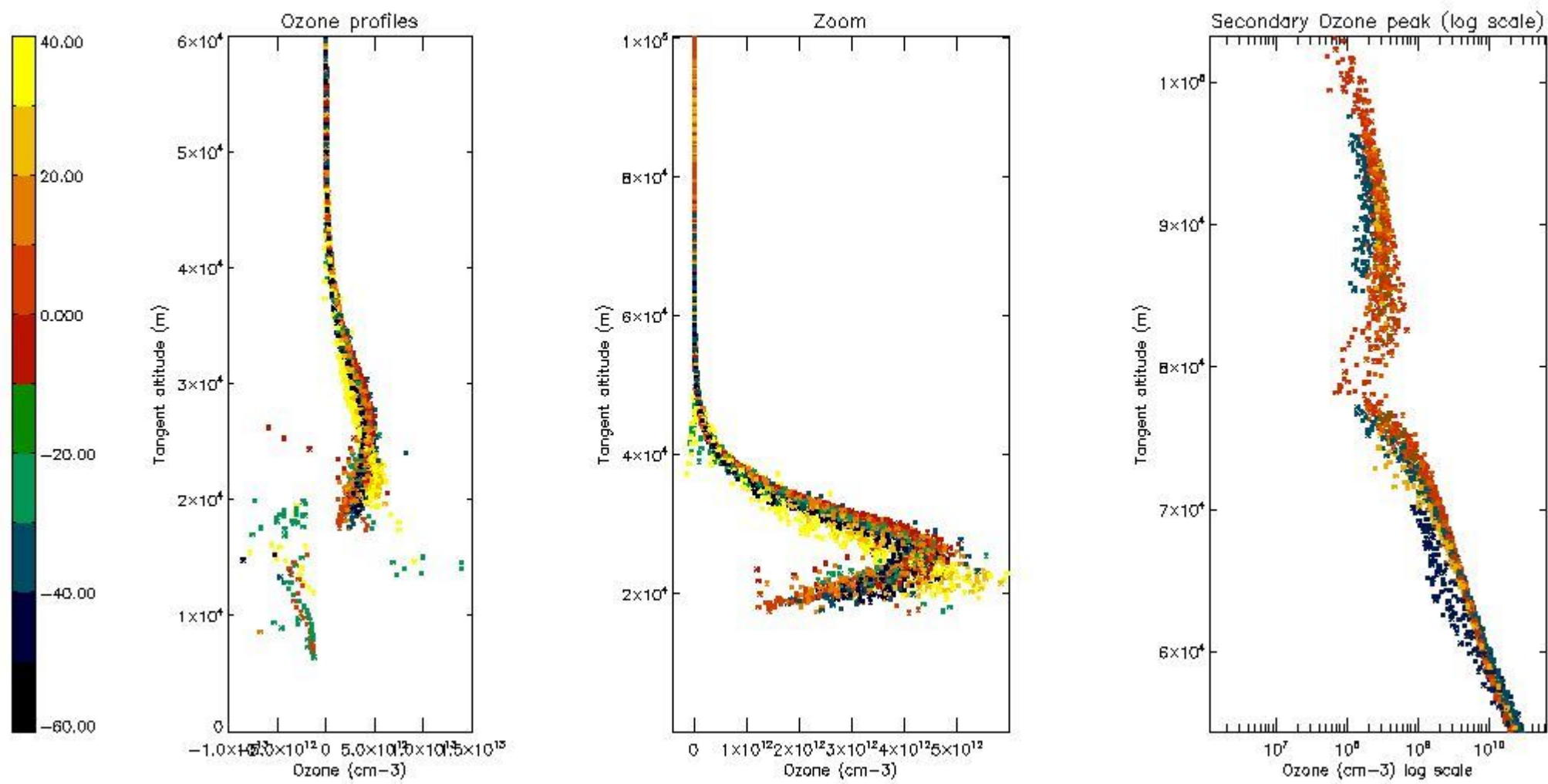
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



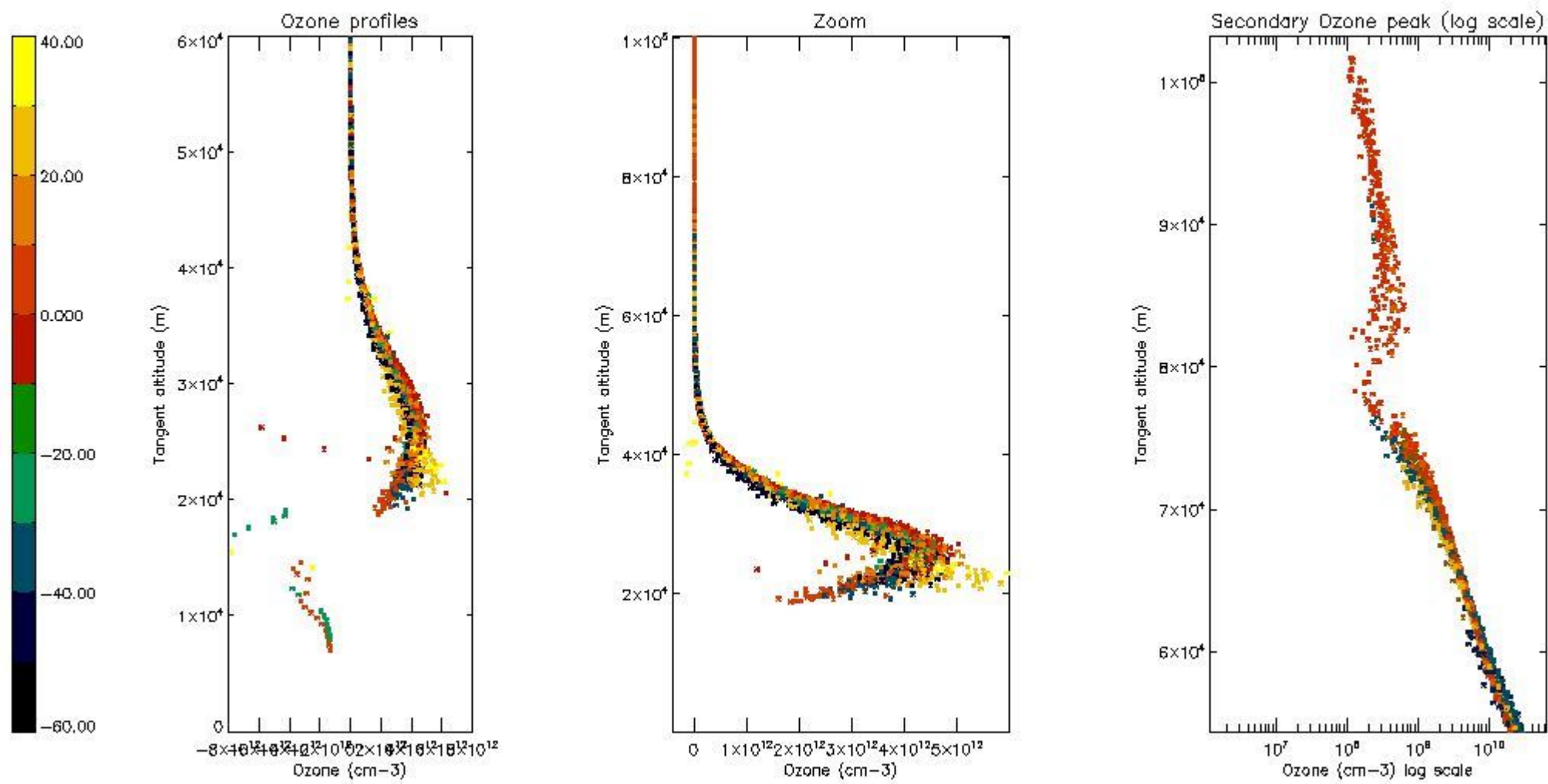
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



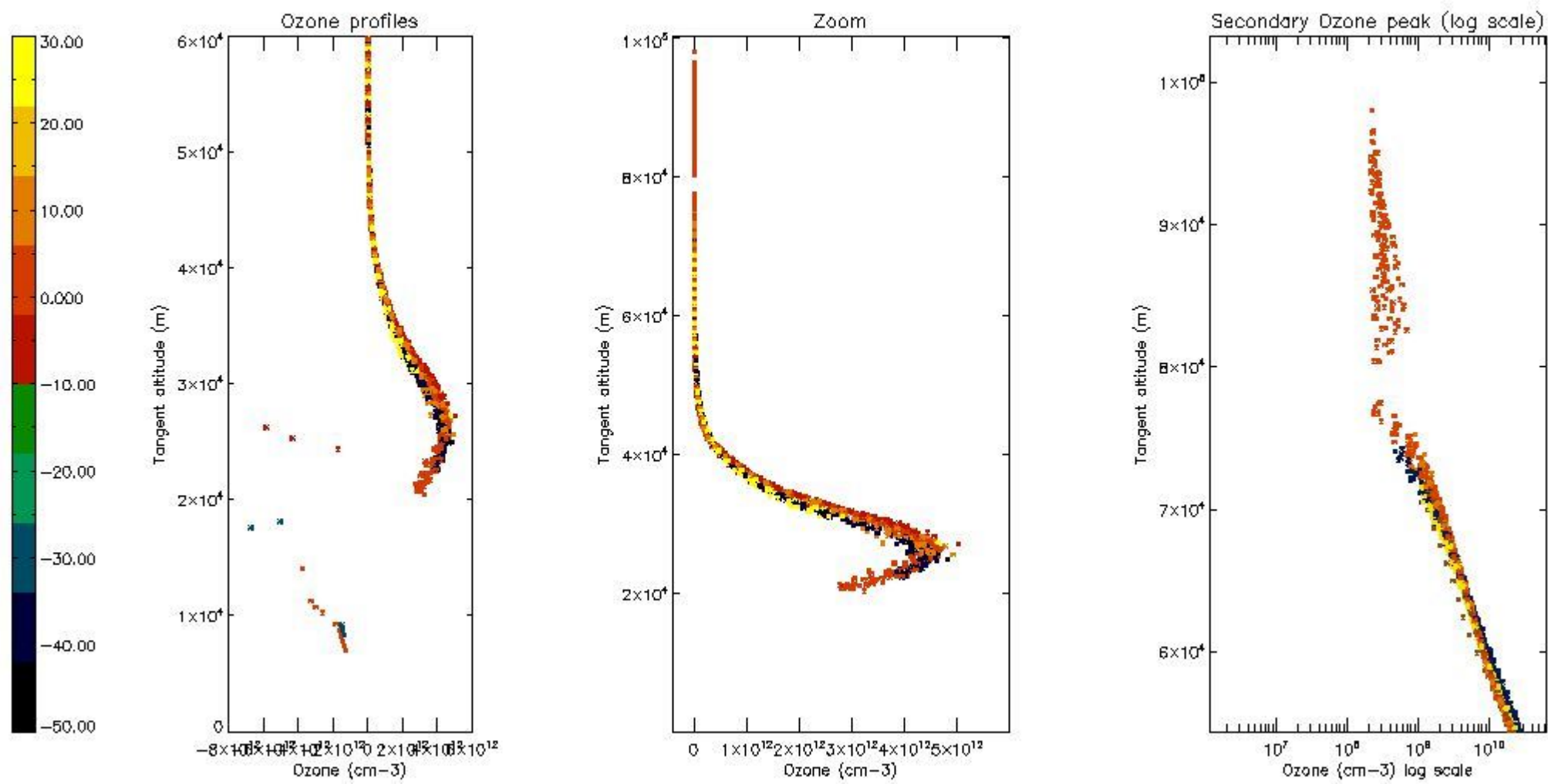
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



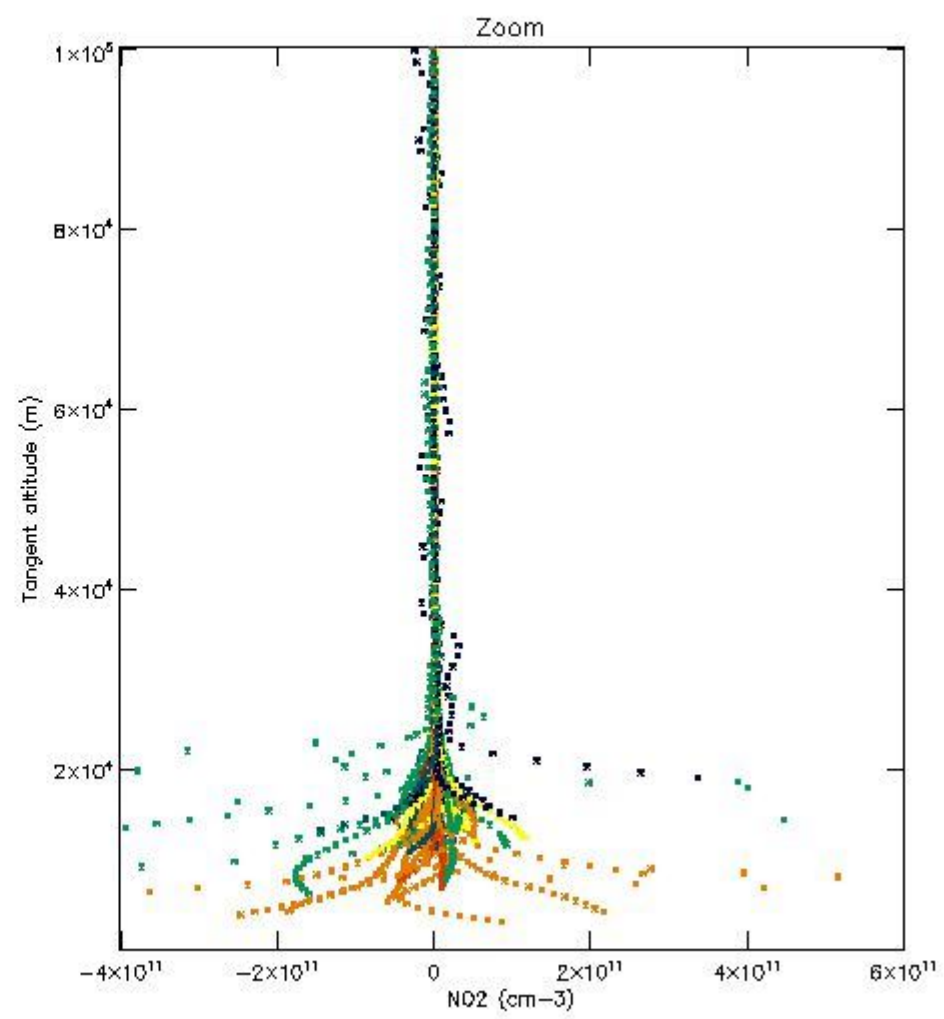
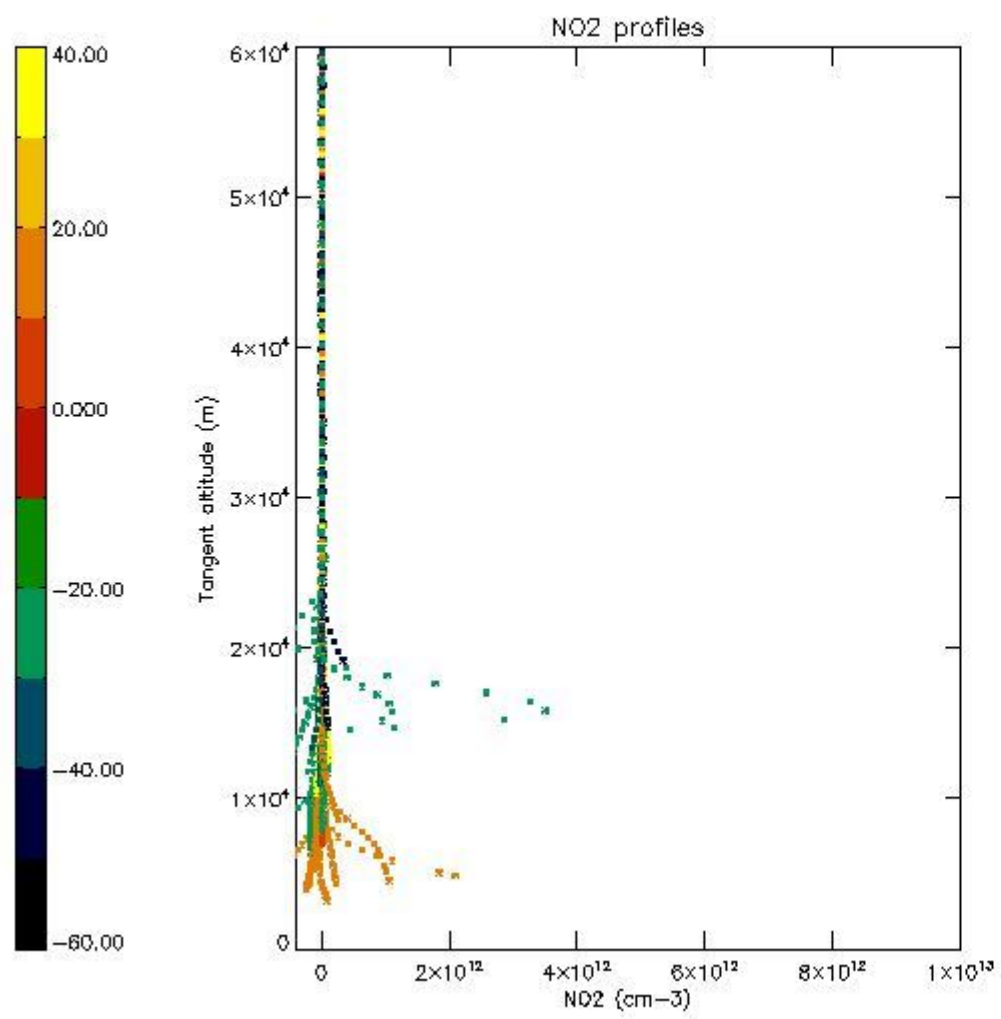
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



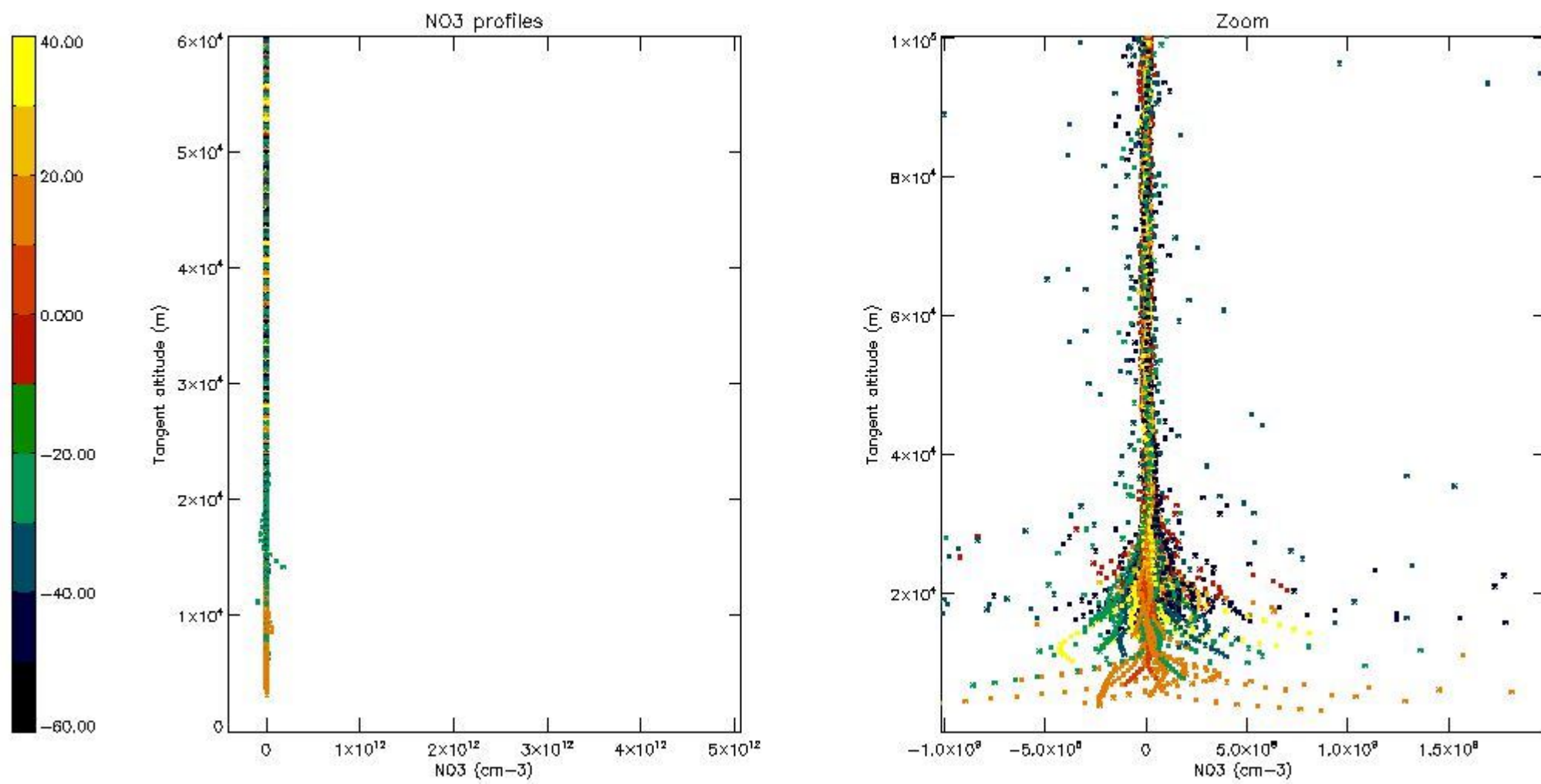
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



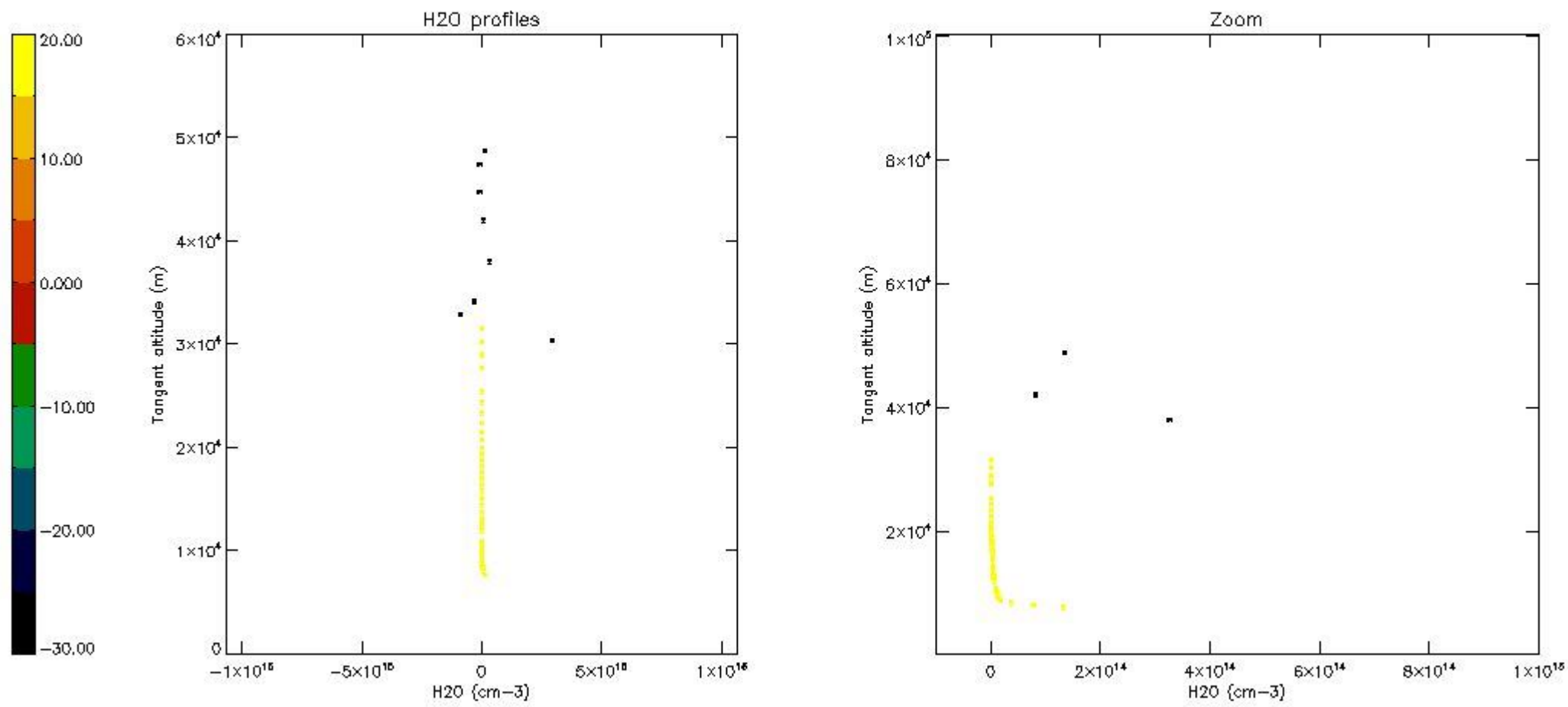
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

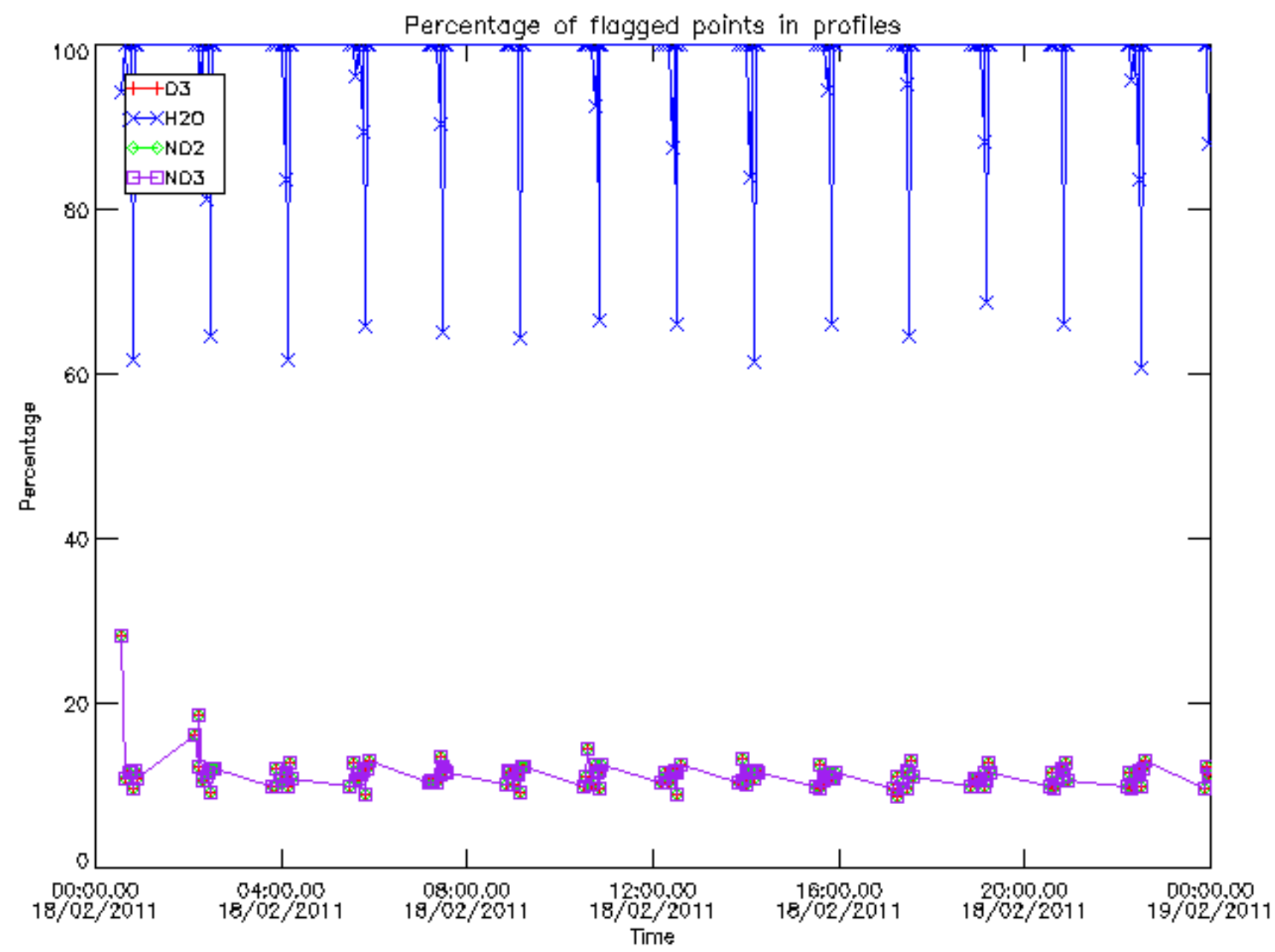
The colorbar represents the latitude.



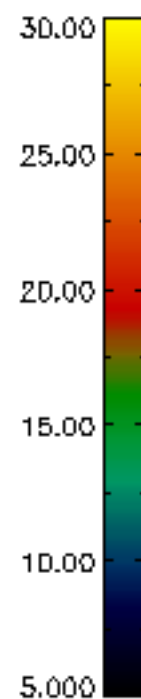
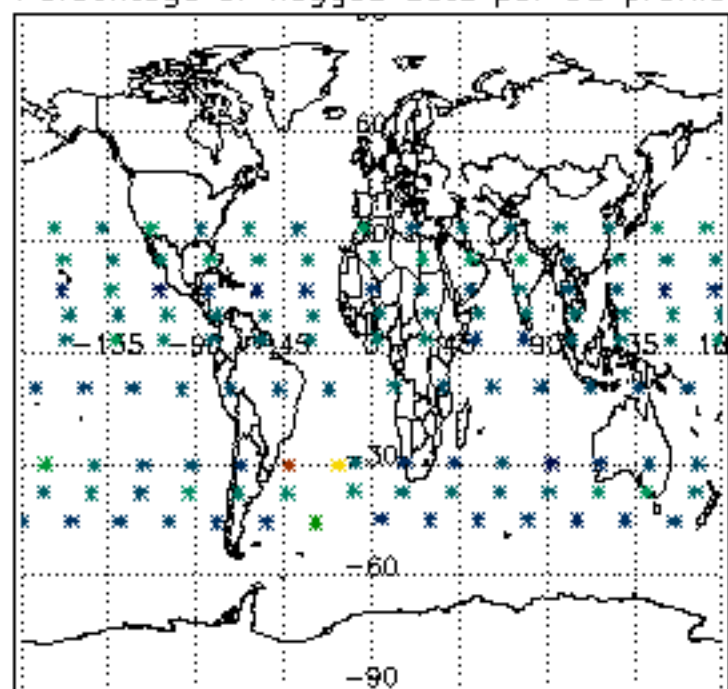
6. Auxiliary Data Files used for the production reported in section 2

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

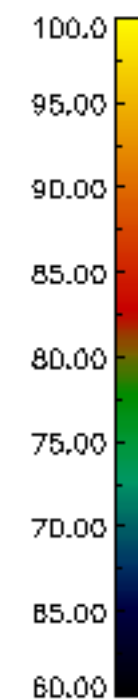
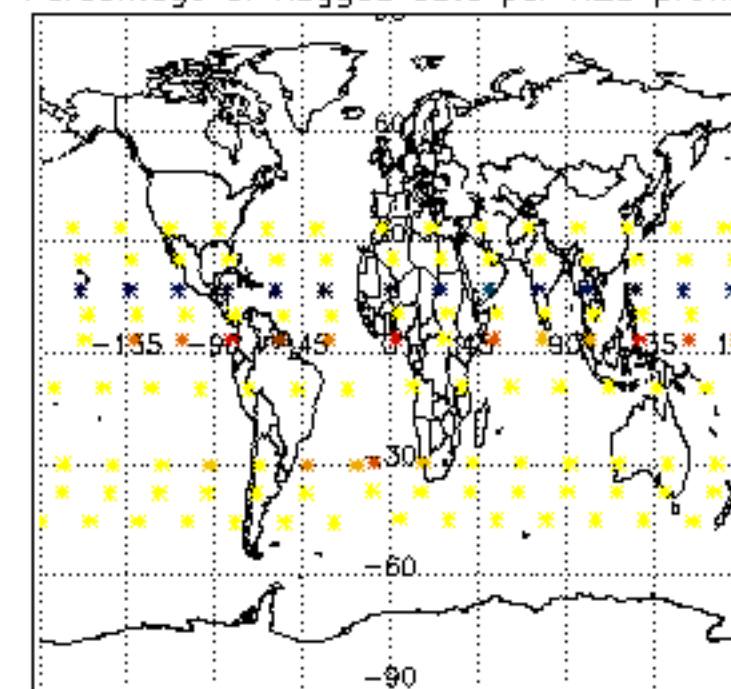
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-FEB-2011 00:00:48
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-FEB-2011 00:00:48
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-FEB-2011 00:00:48



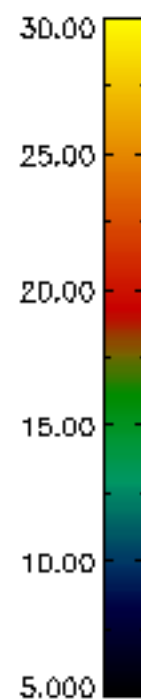
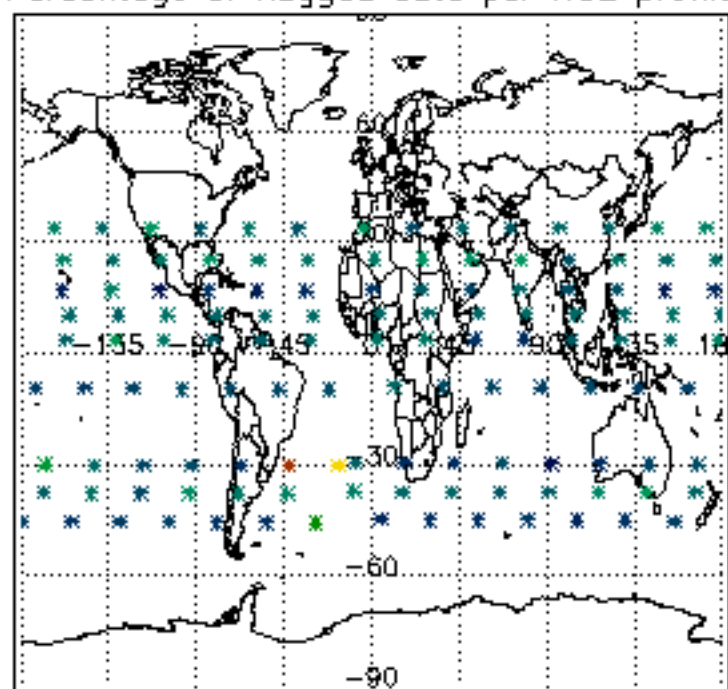
Percentage of flagged data per D3 profile



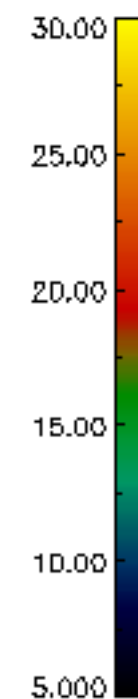
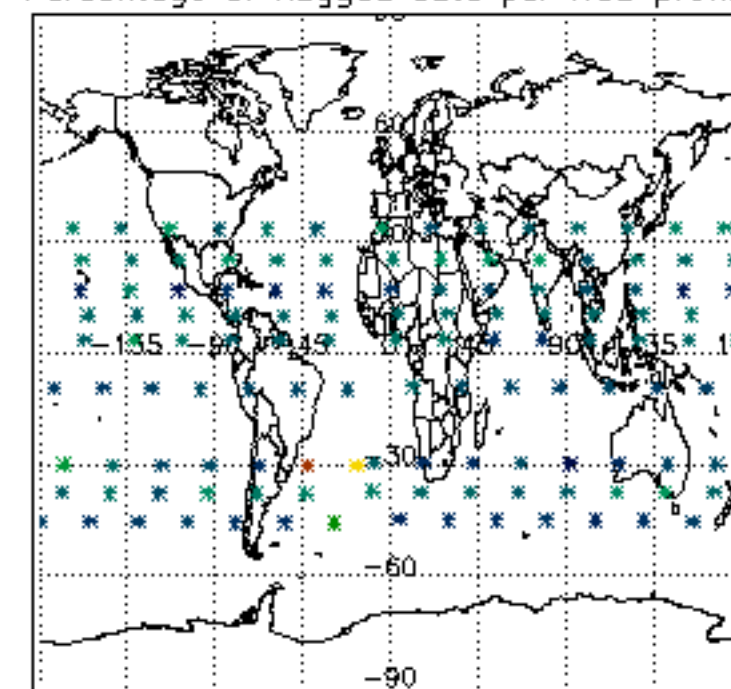
Percentage of flagged data per H2O profile

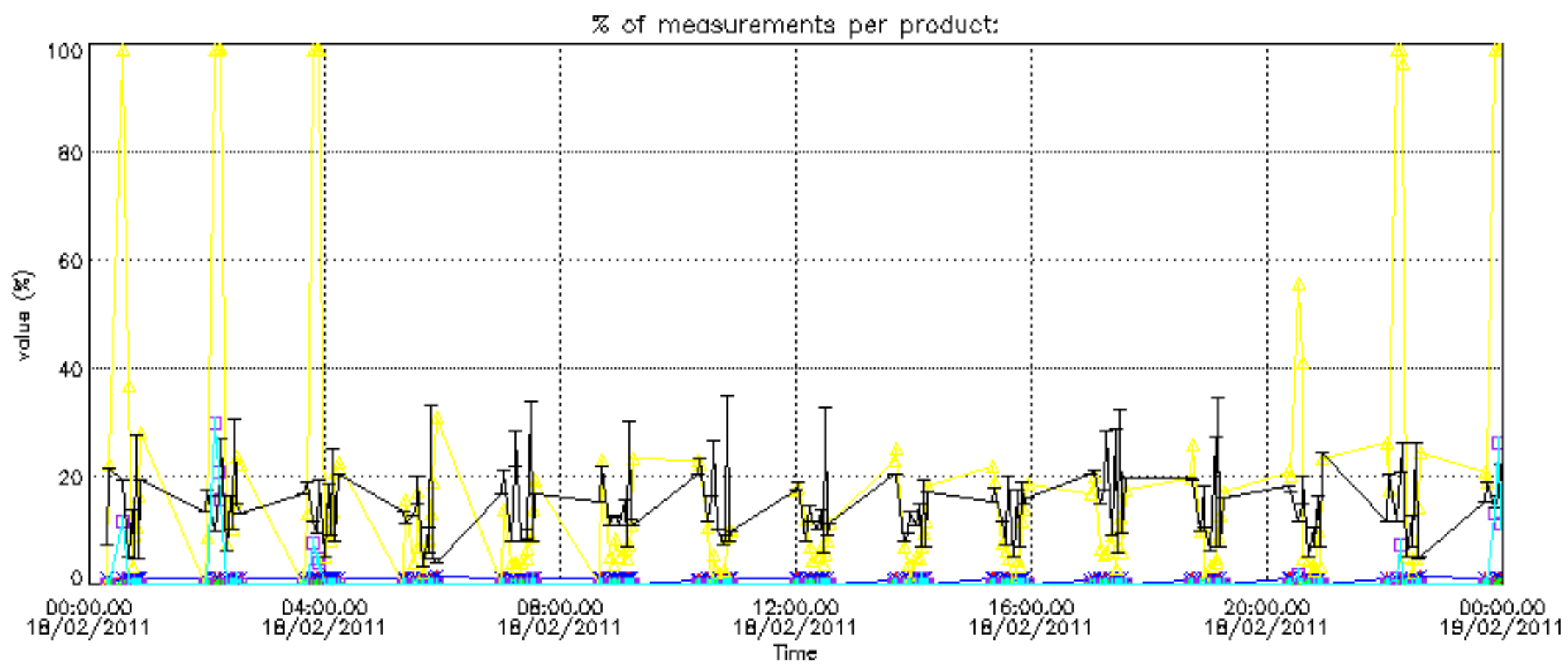


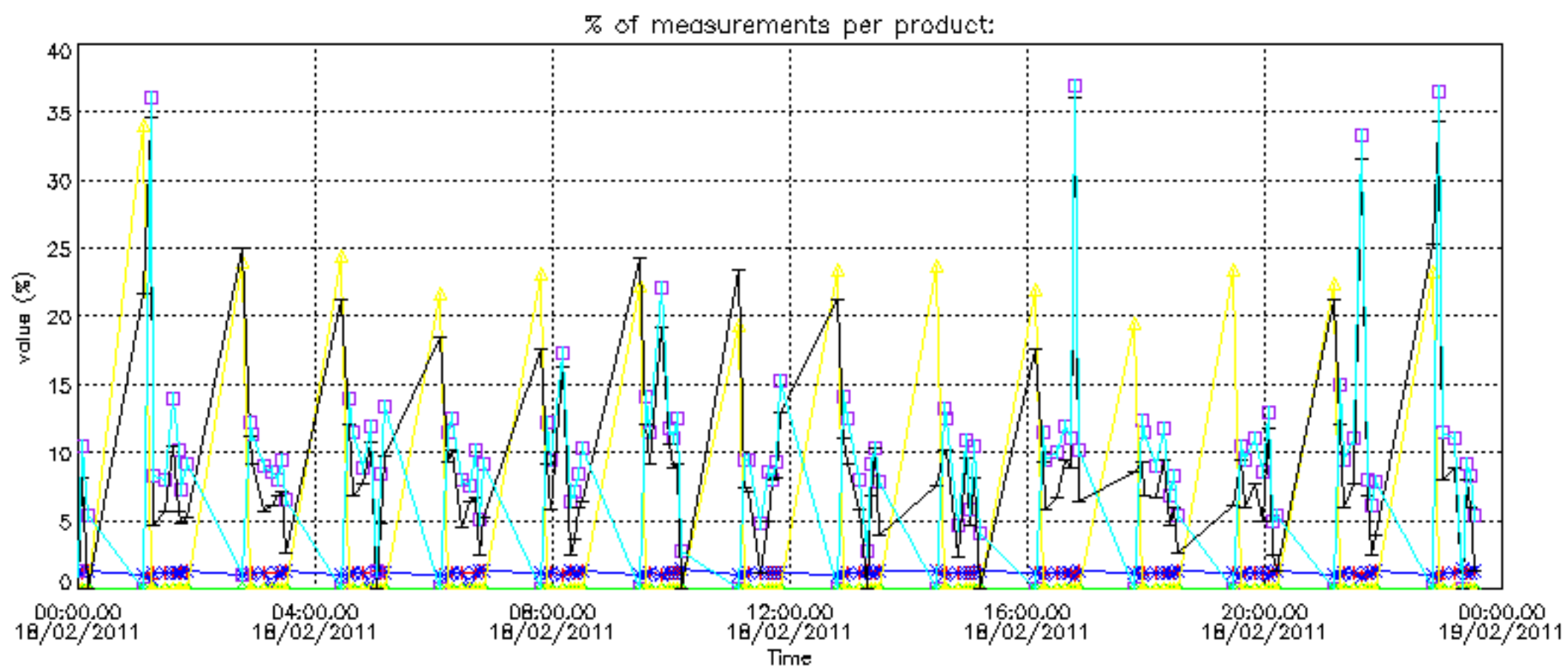
Percentage of flagged data per NO2 profile



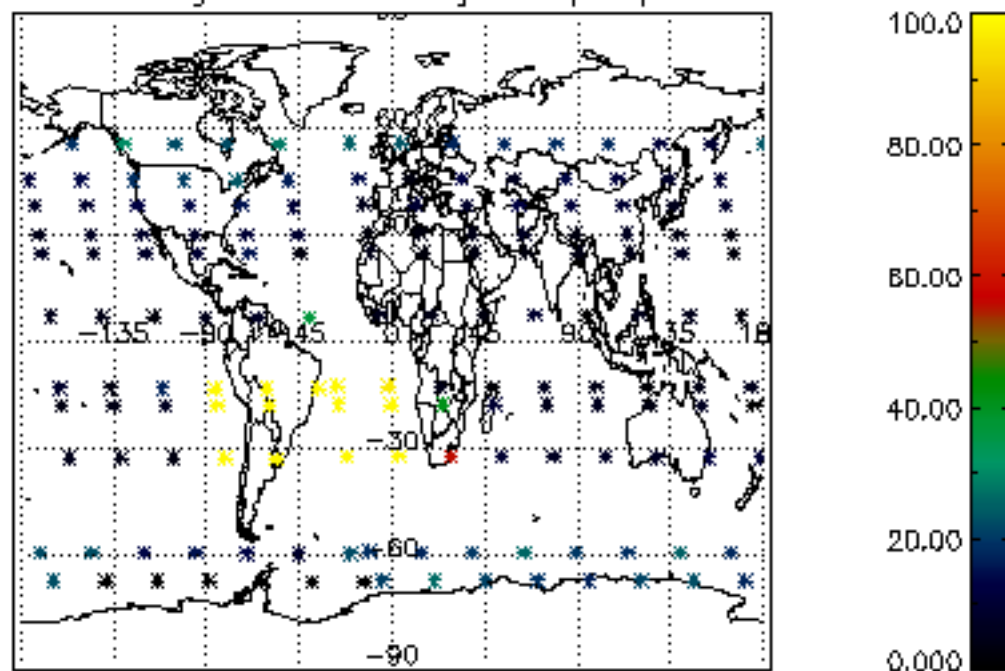
Percentage of flagged data per NO3 profile



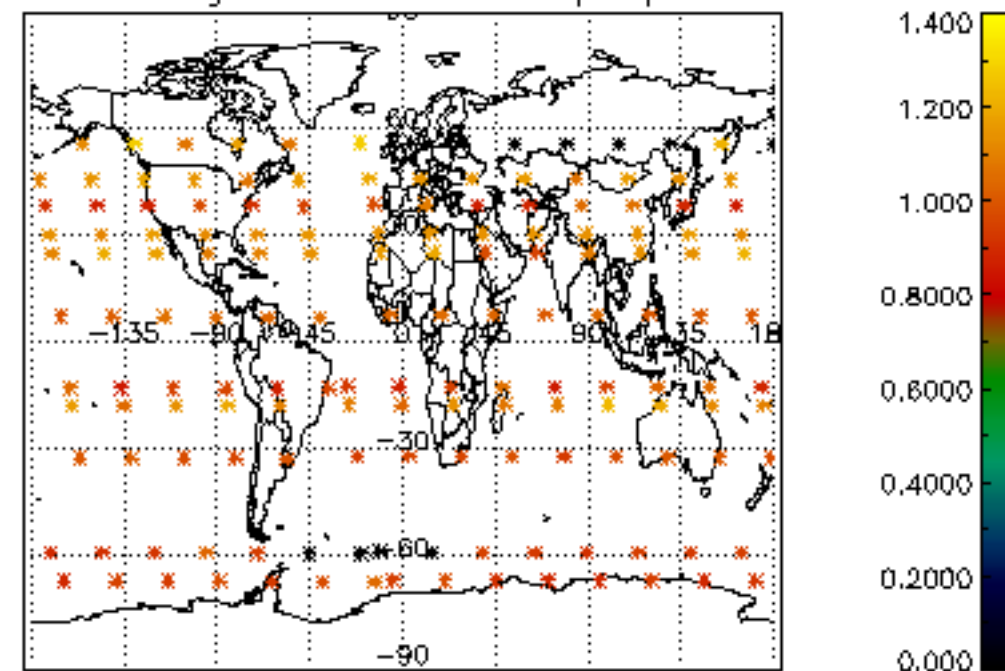




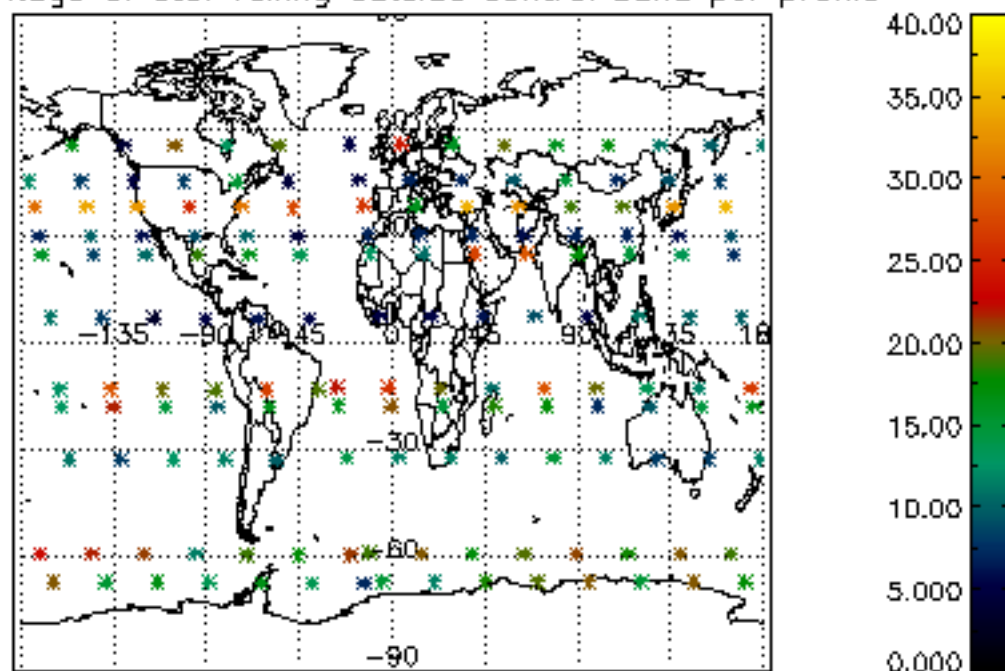
Percentage of cosmic ray hits per profile



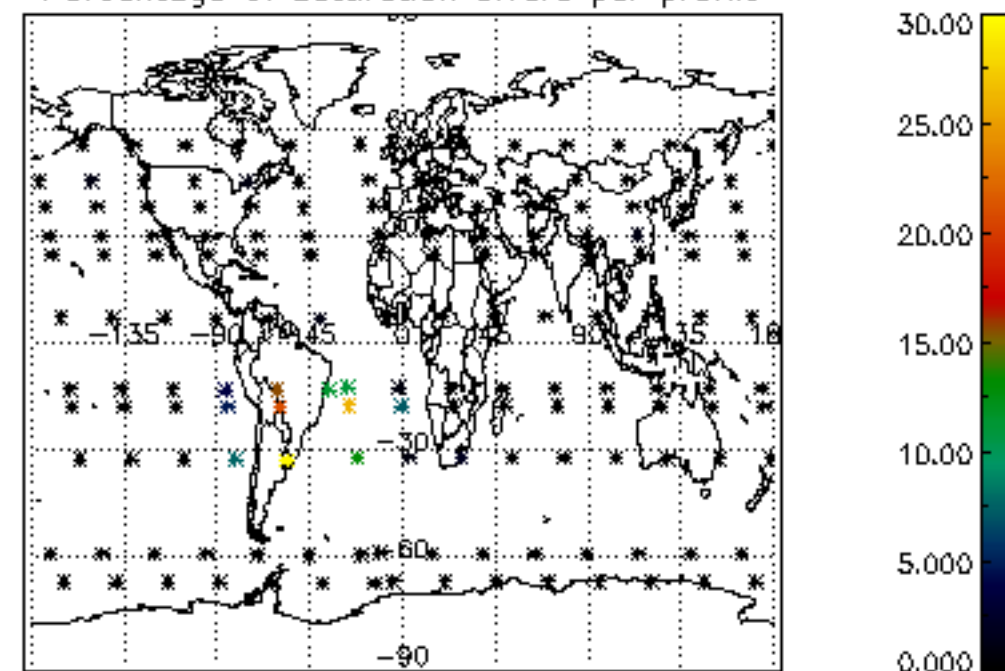
Percentage of datation errors per profile



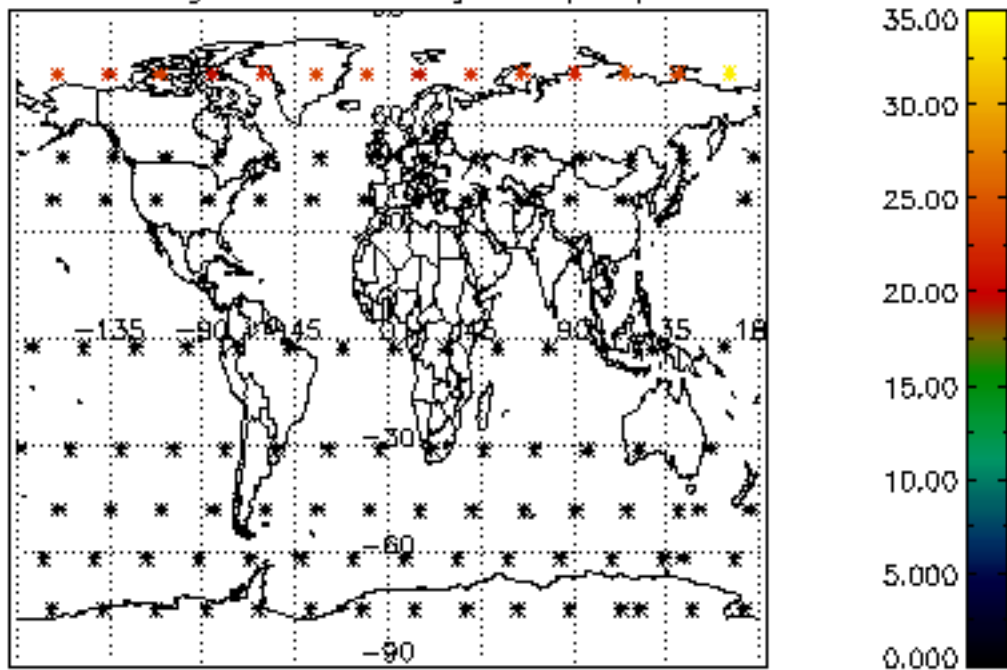
Percentage of star falling outside central band per profile



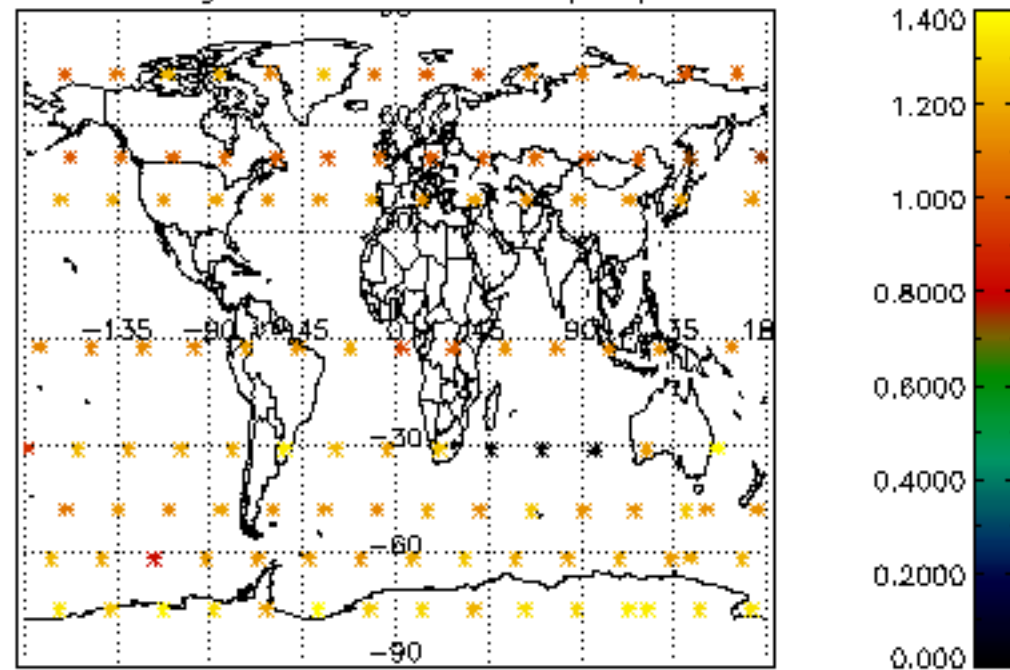
Percentage of saturation errors per profile



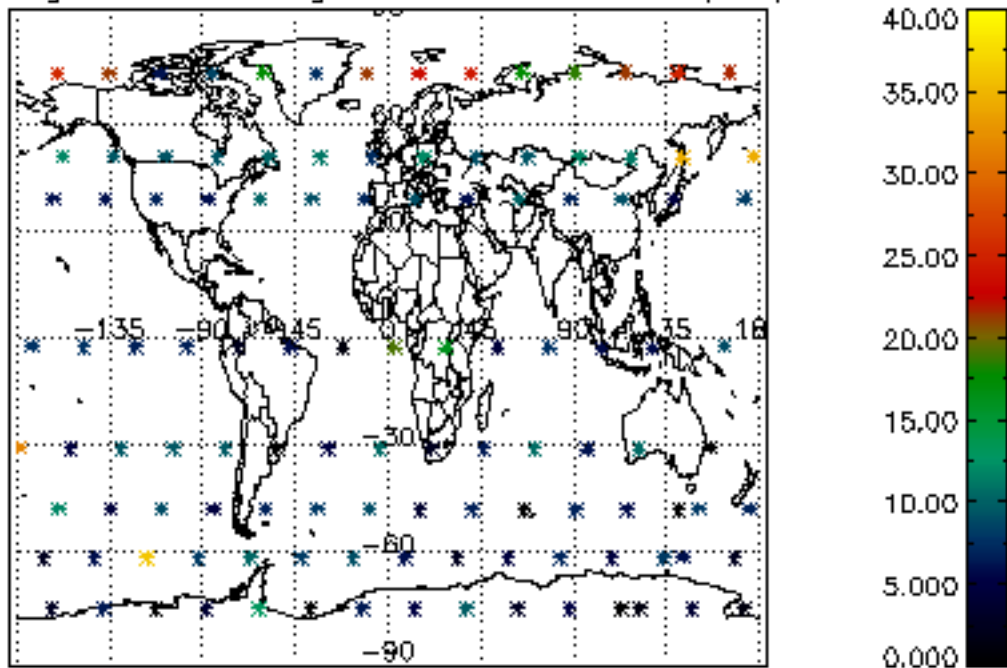
Percentage of cosmic ray hits per profile



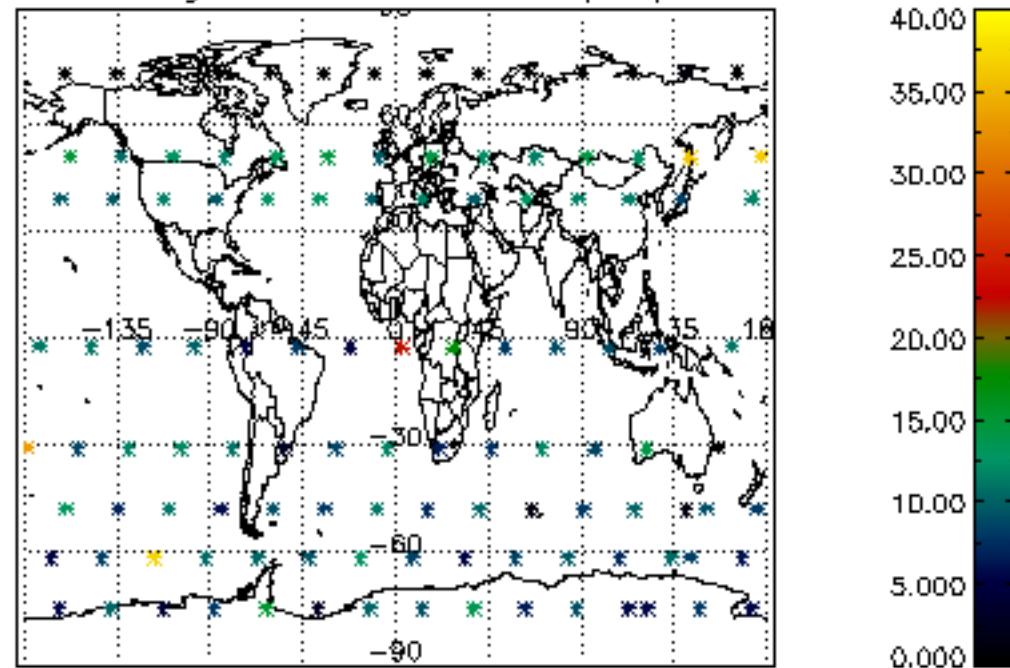
Percentage of datation errors per profile

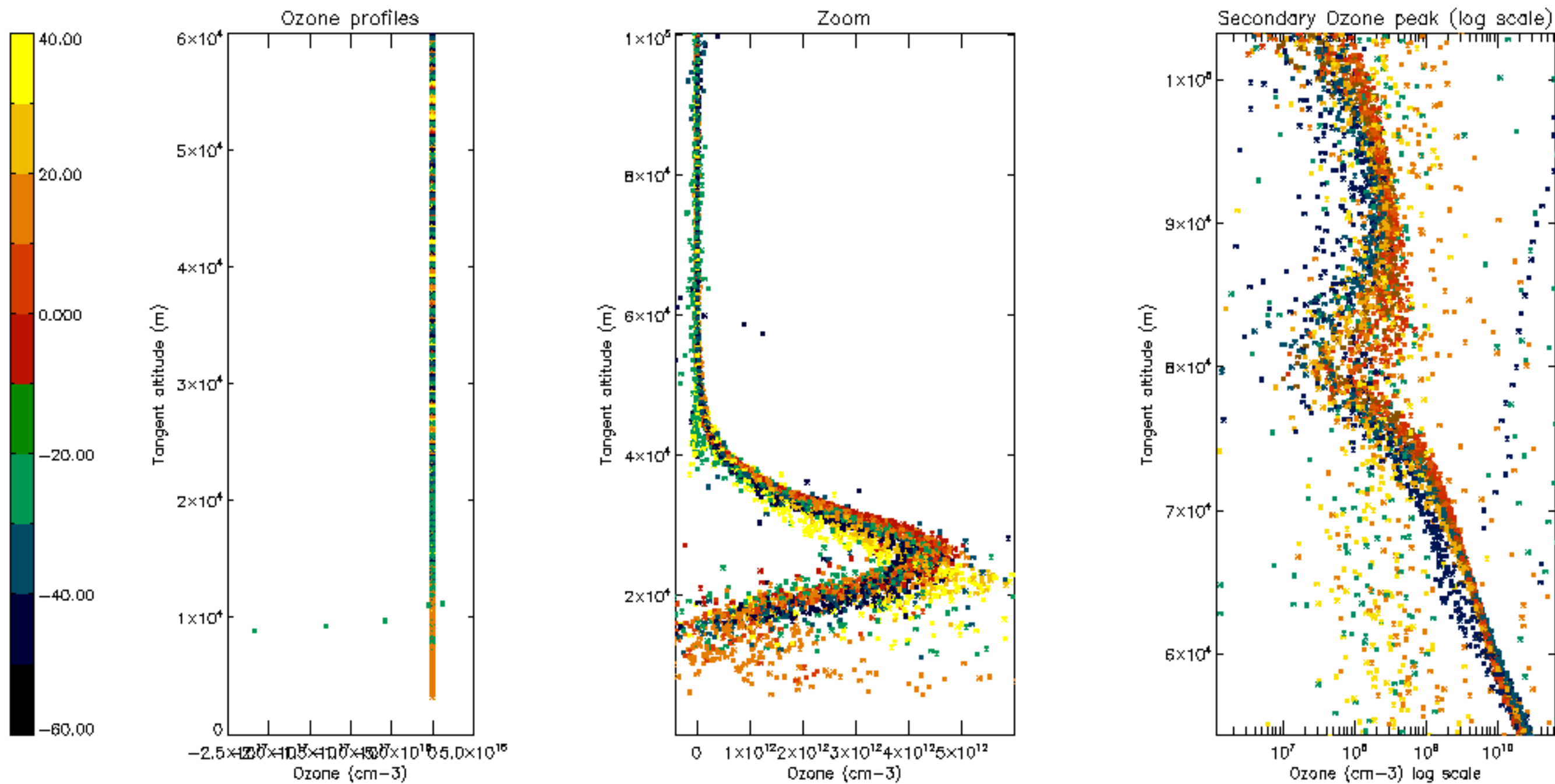


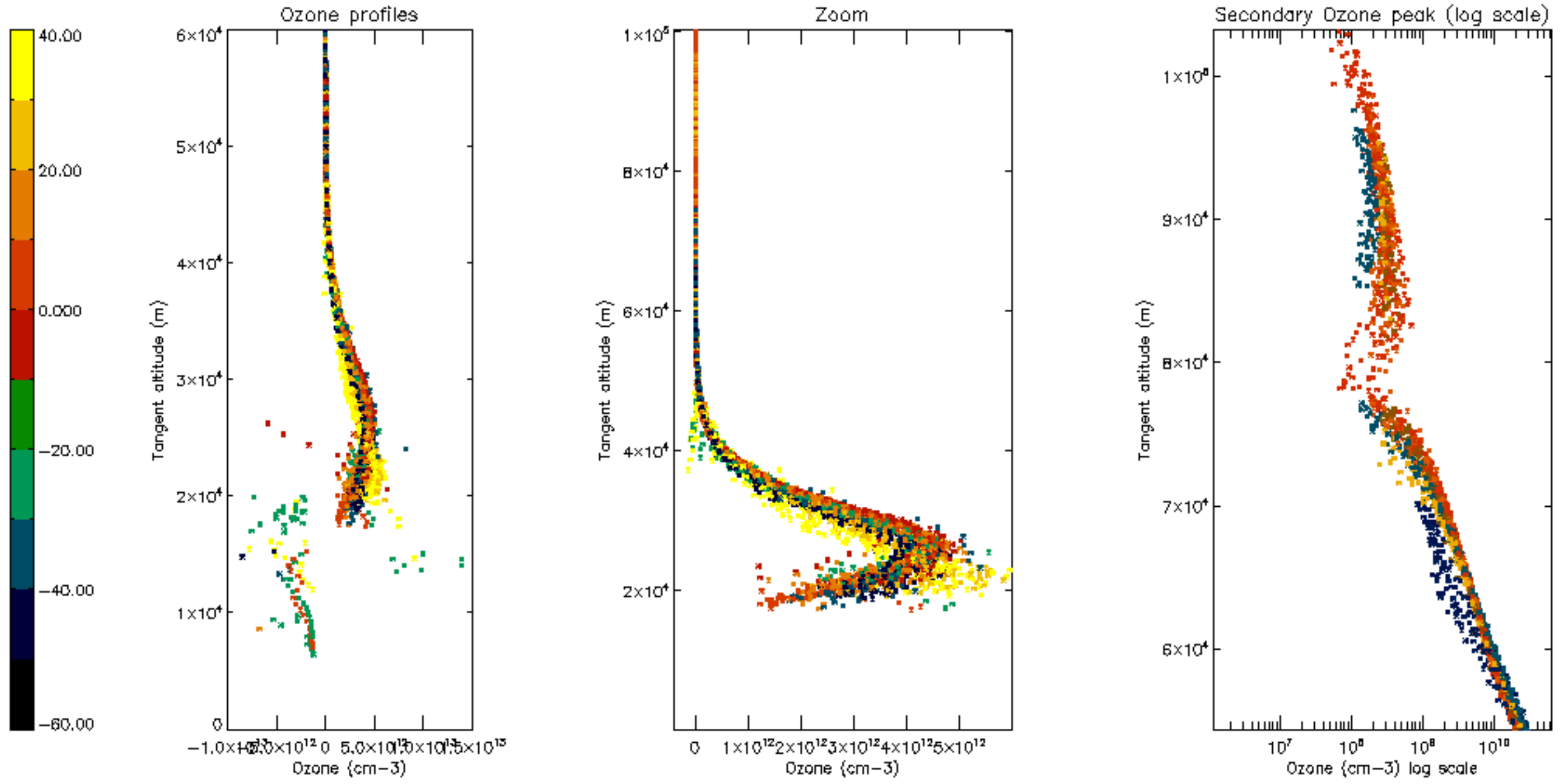
Percentage of star falling outside central band per profile

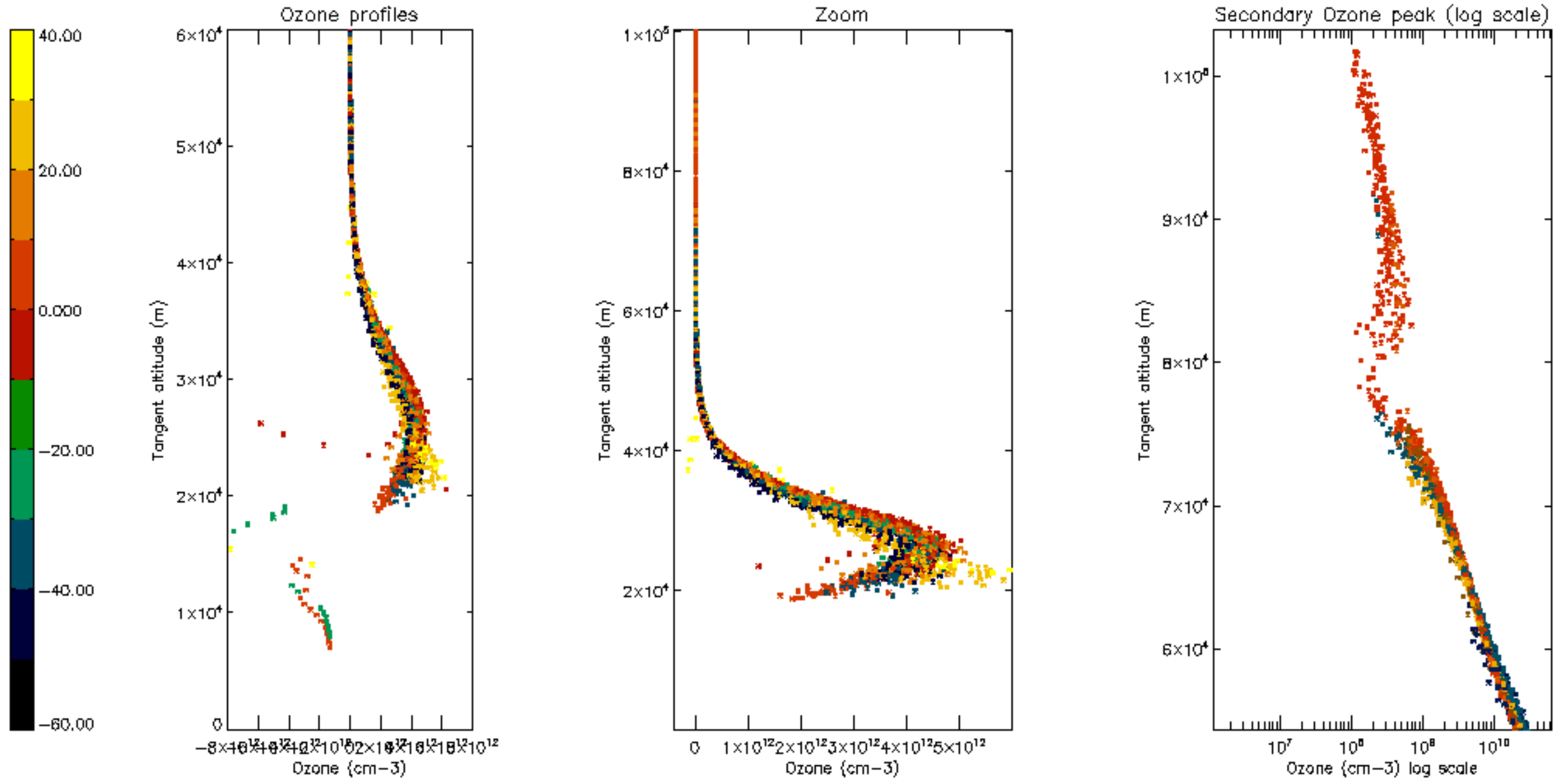


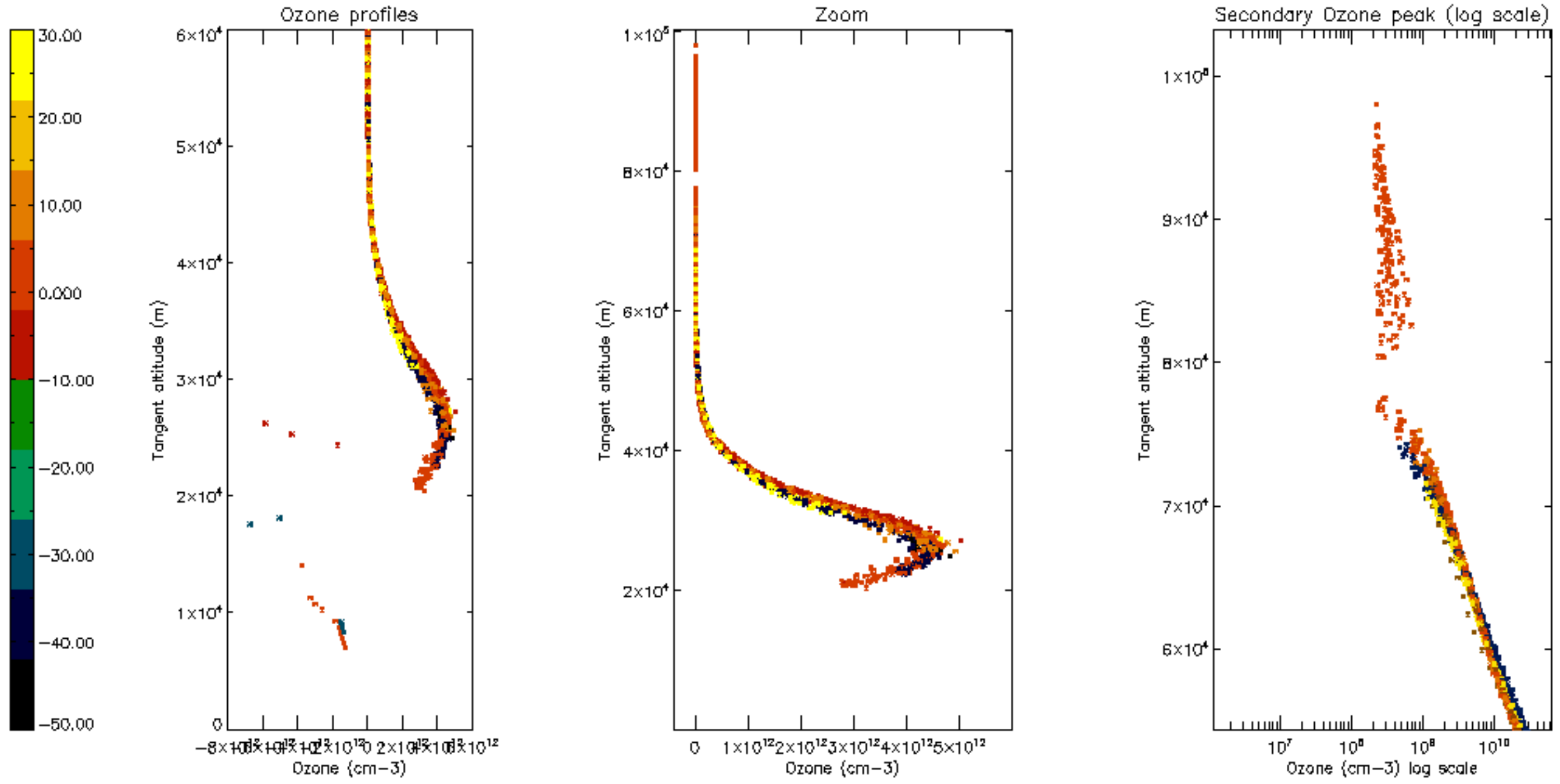
Percentage of saturation errors per profile

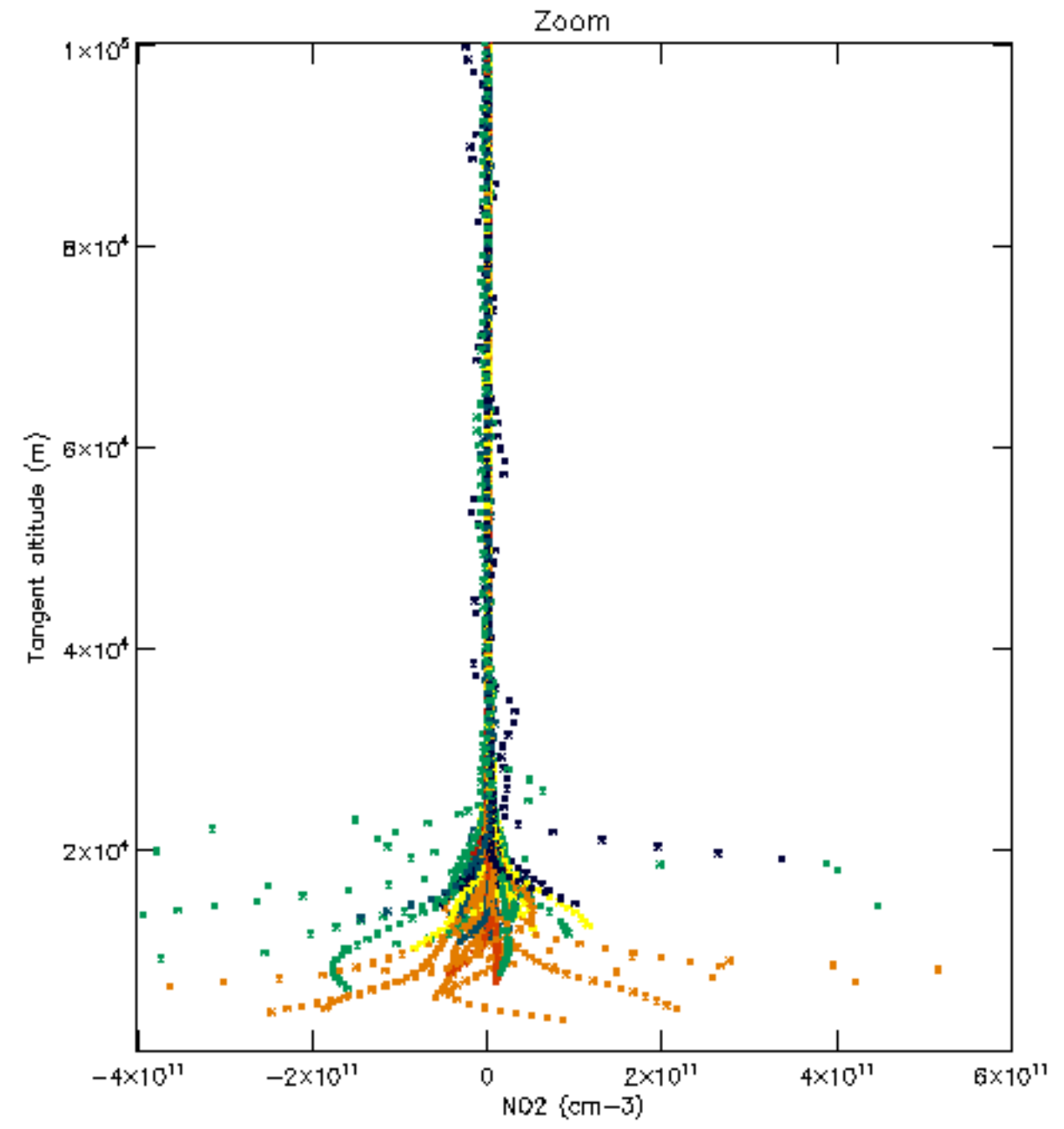
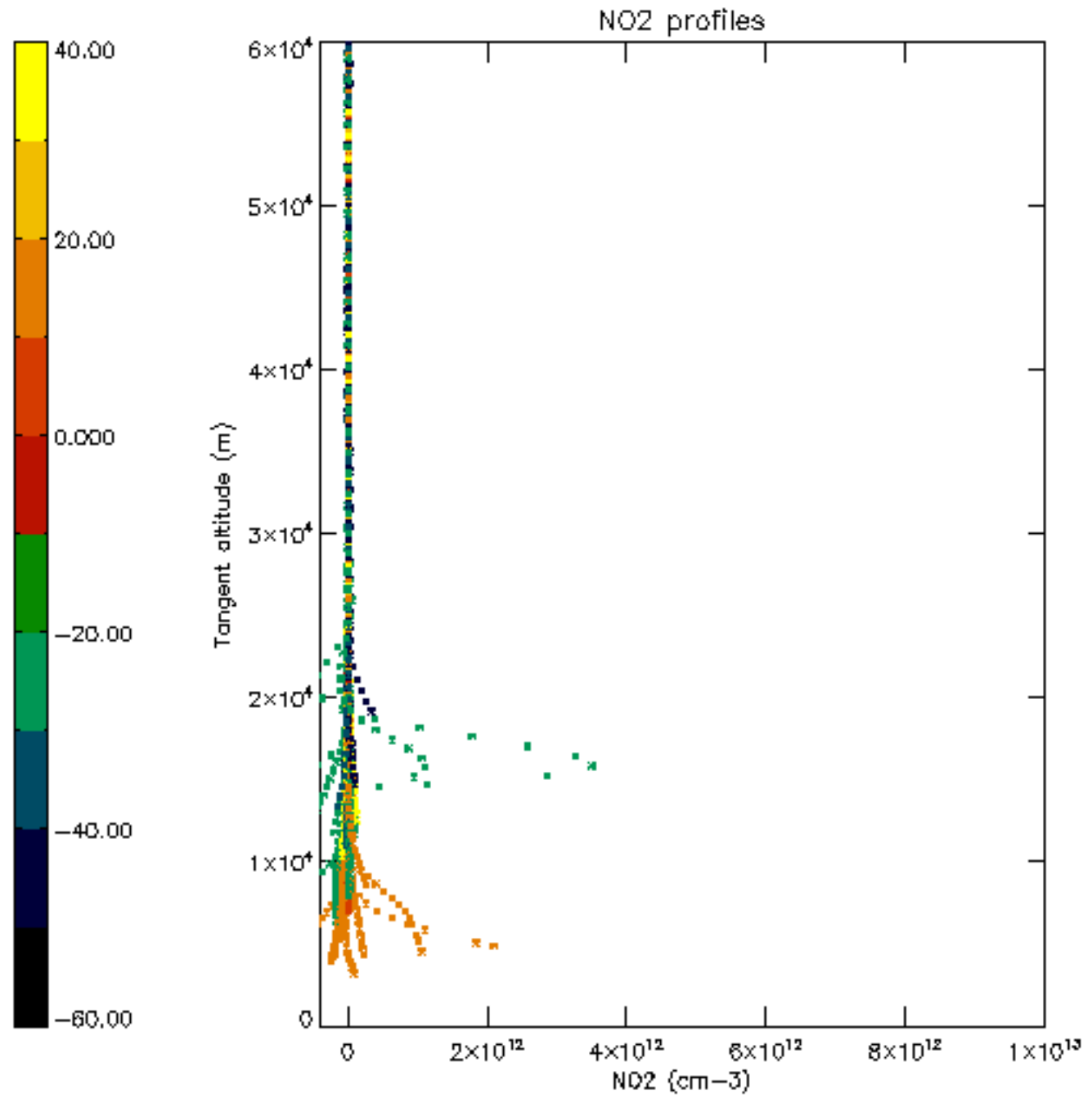


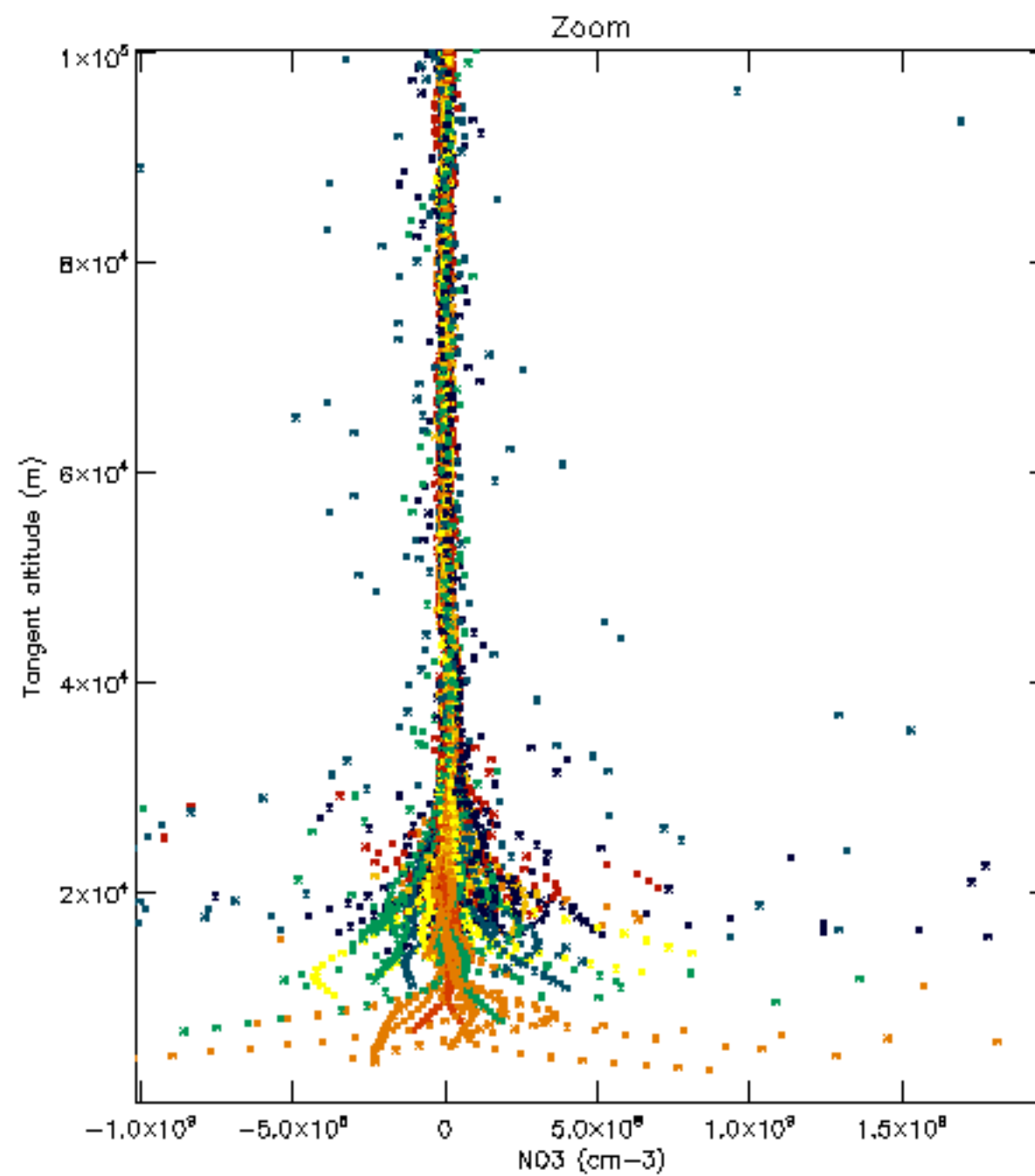
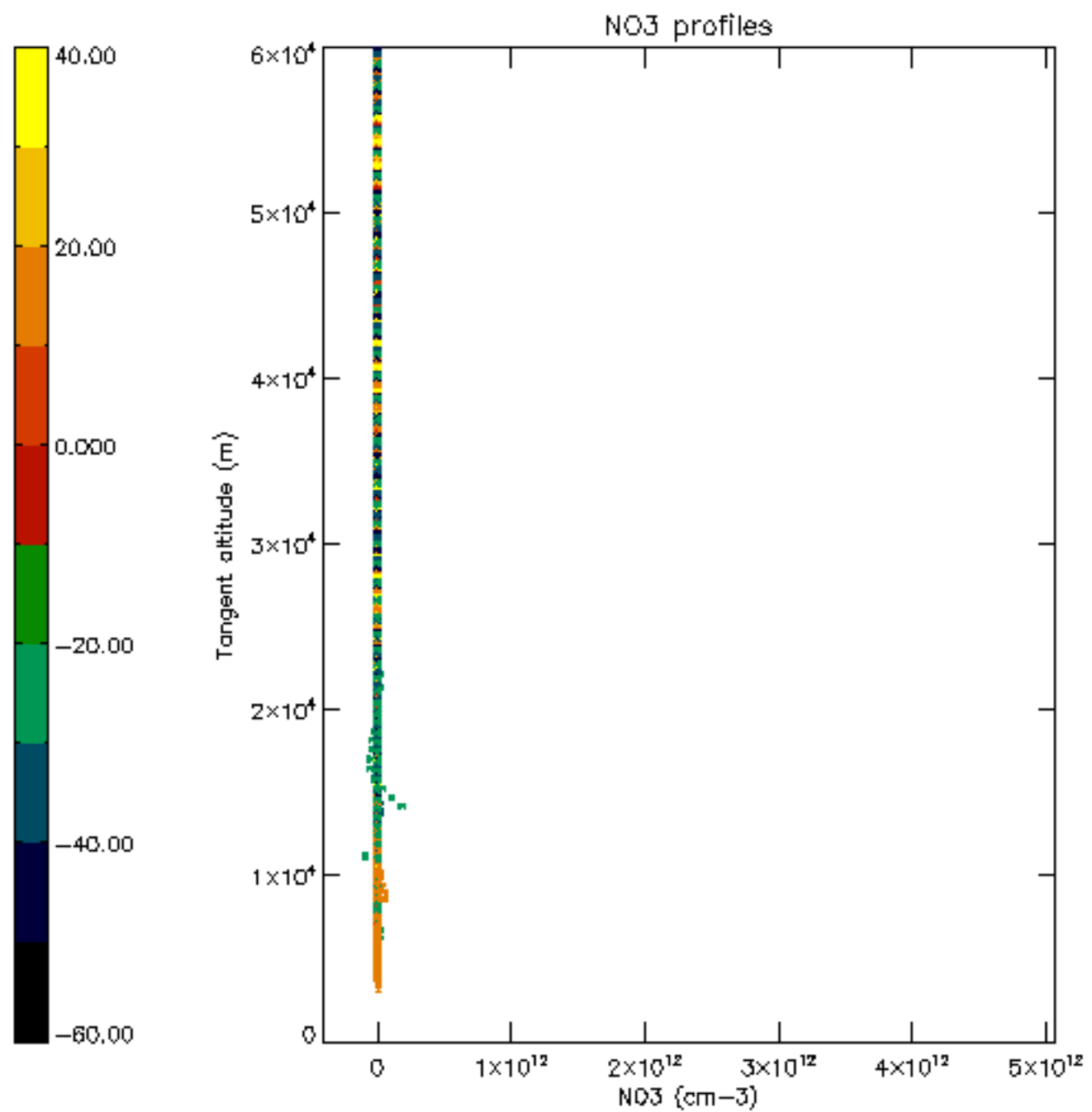


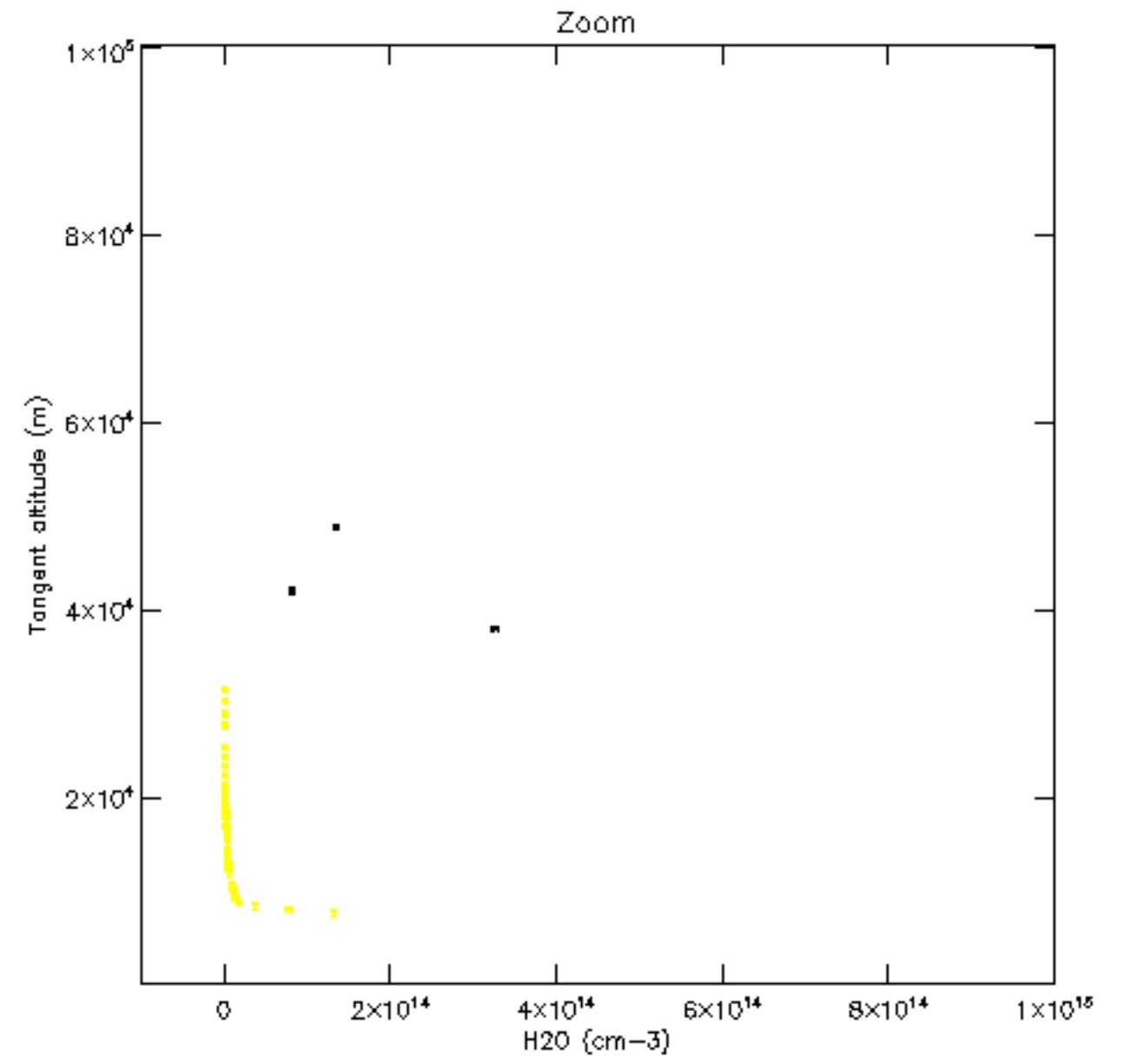
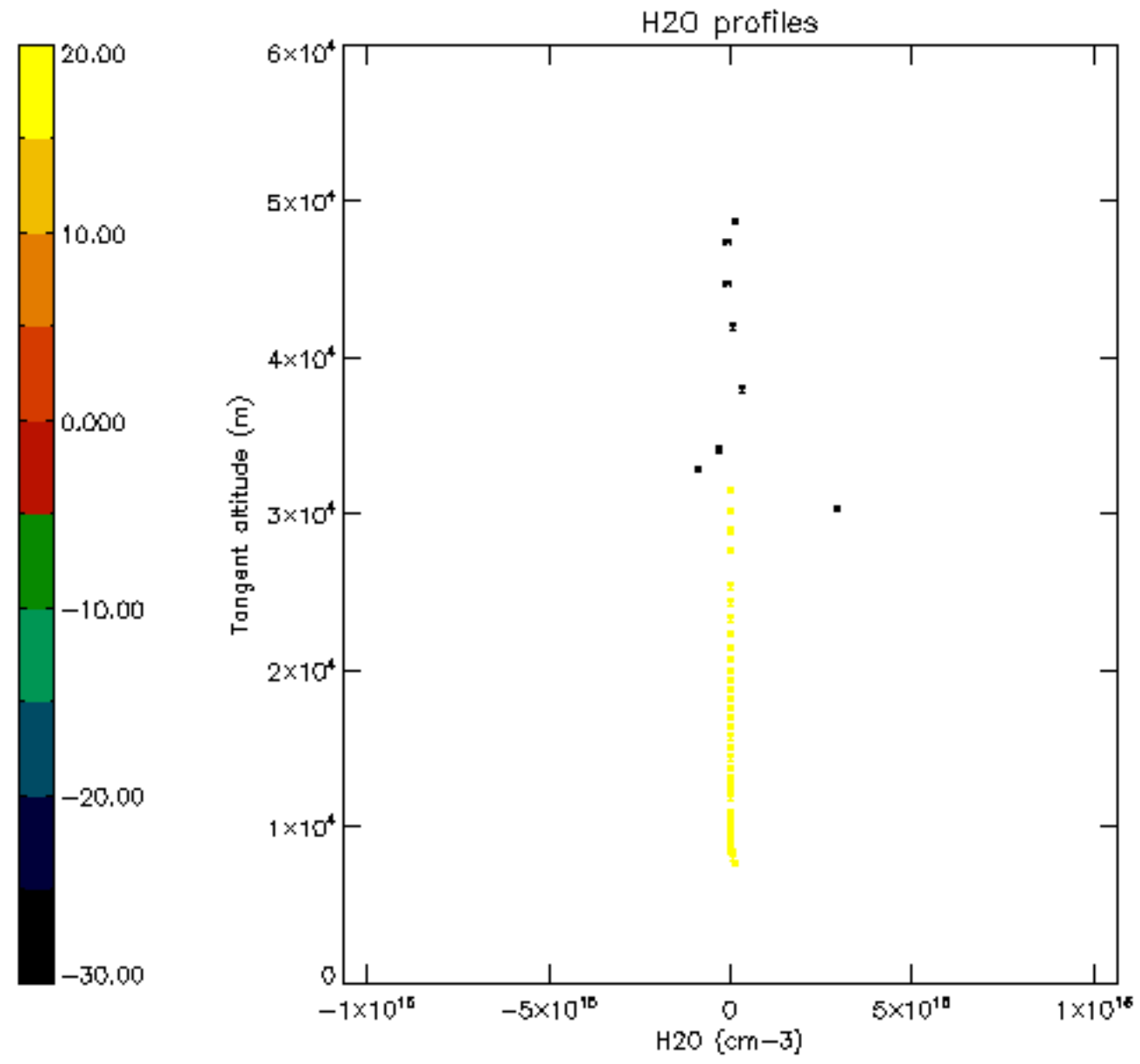


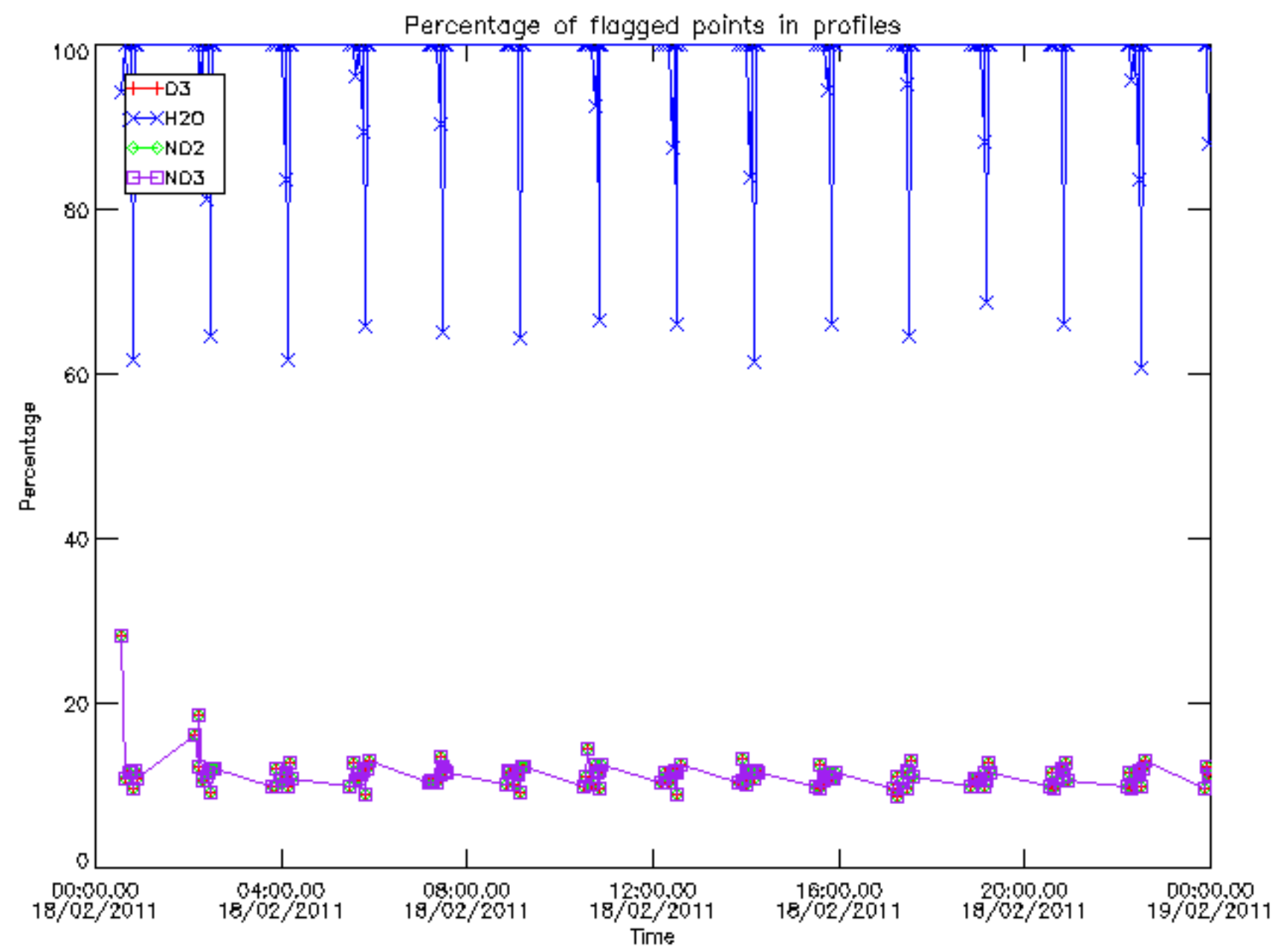




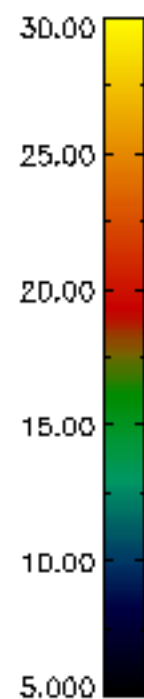
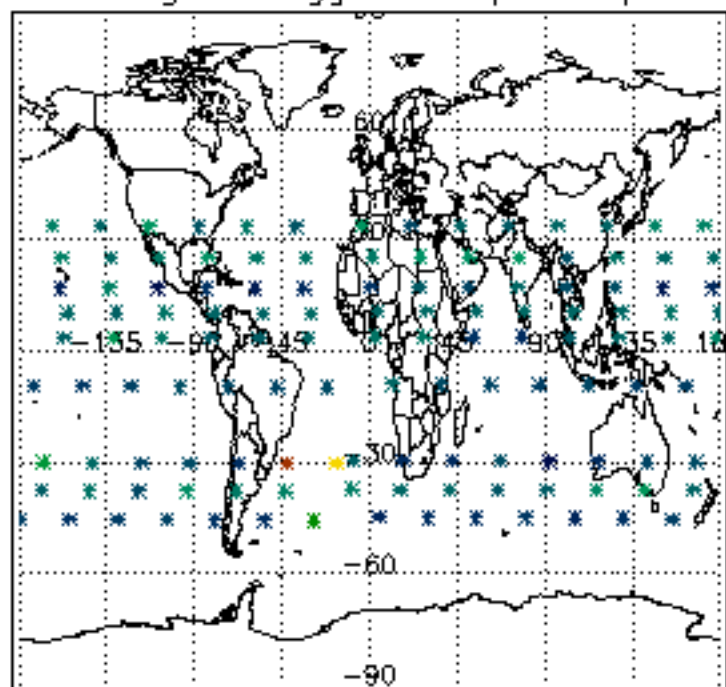




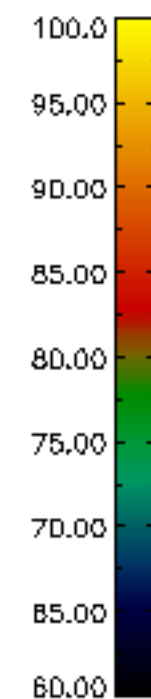
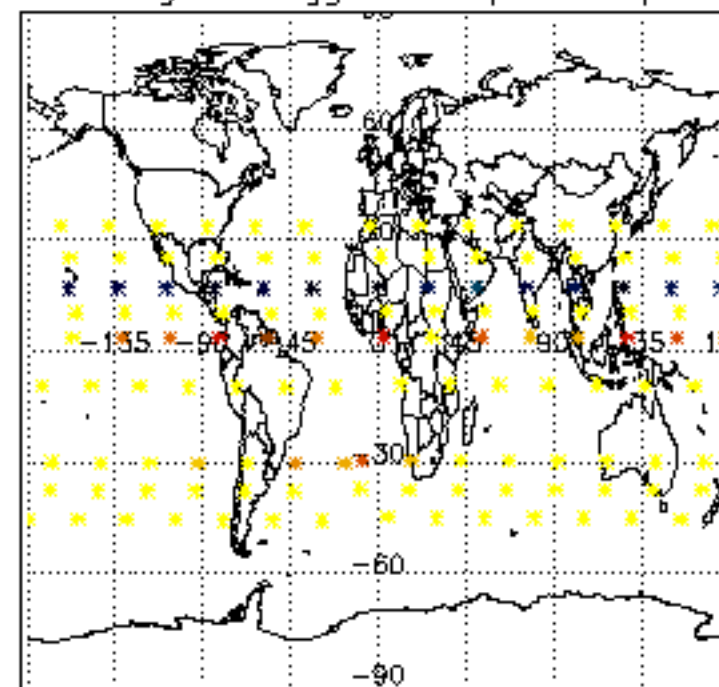




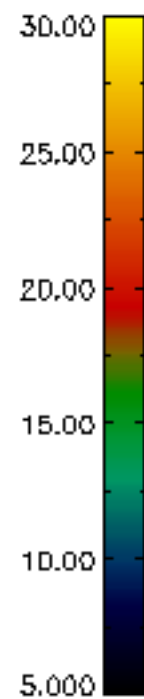
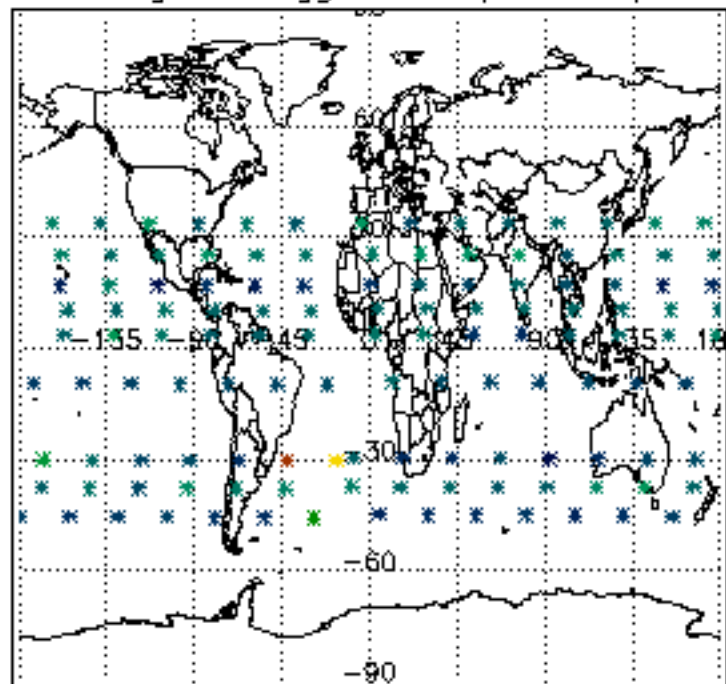
Percentage of flagged data per D3 profile



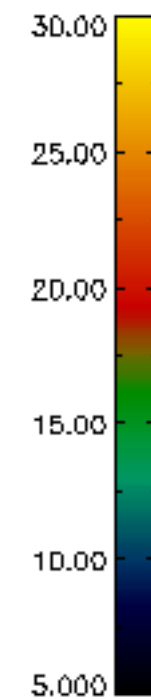
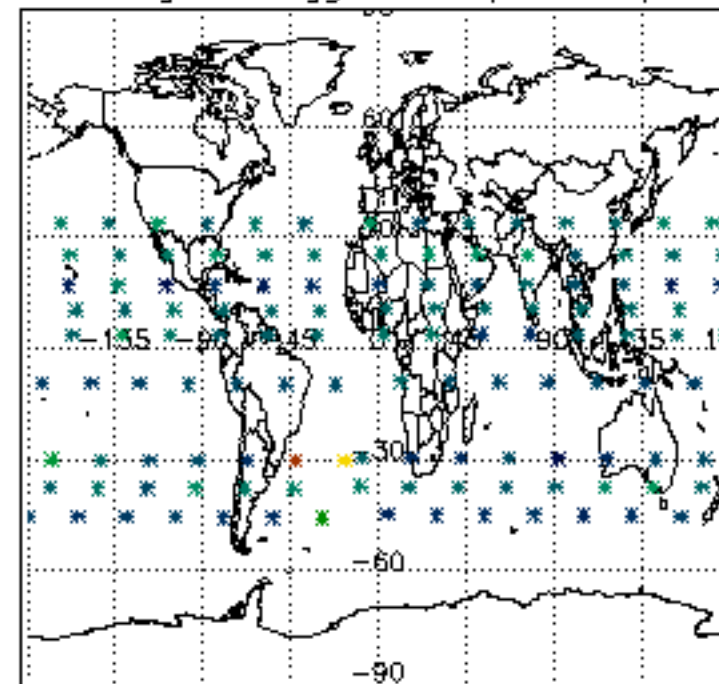
Percentage of flagged data per H2O profile

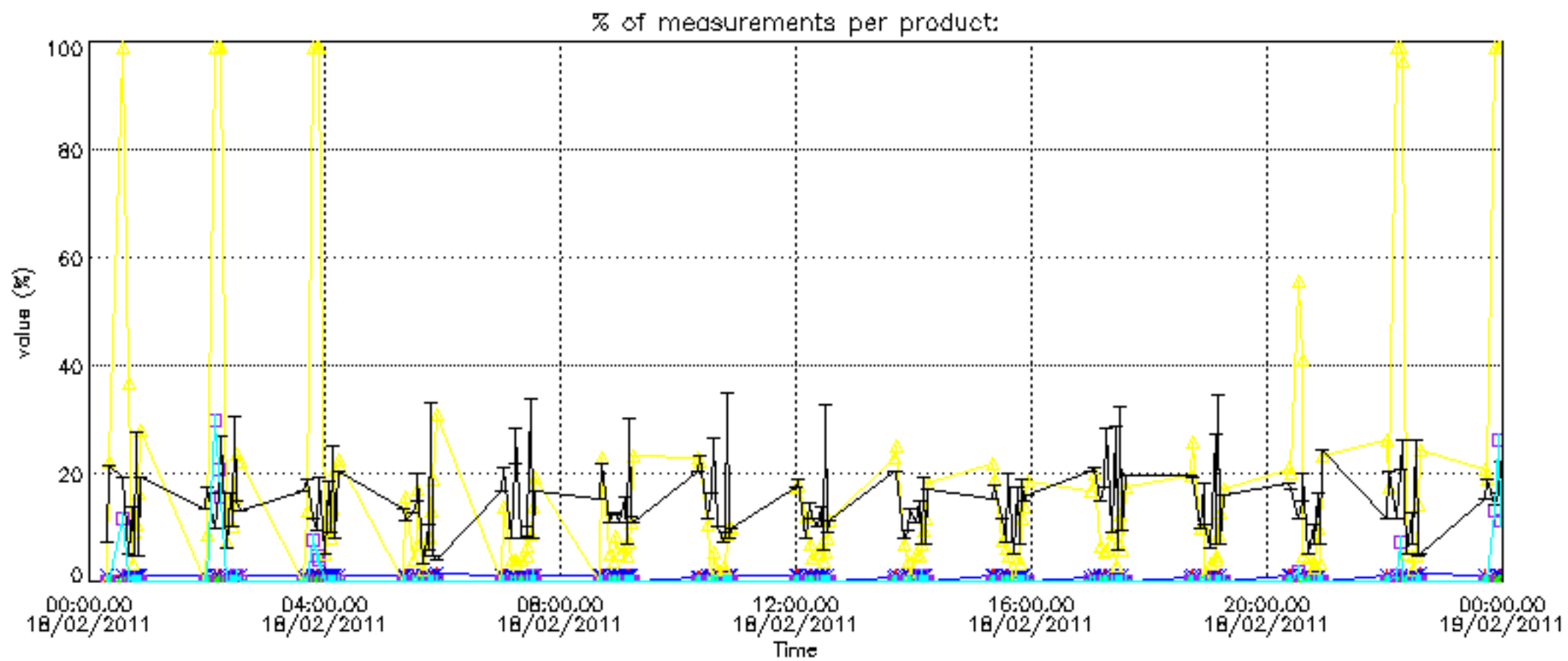


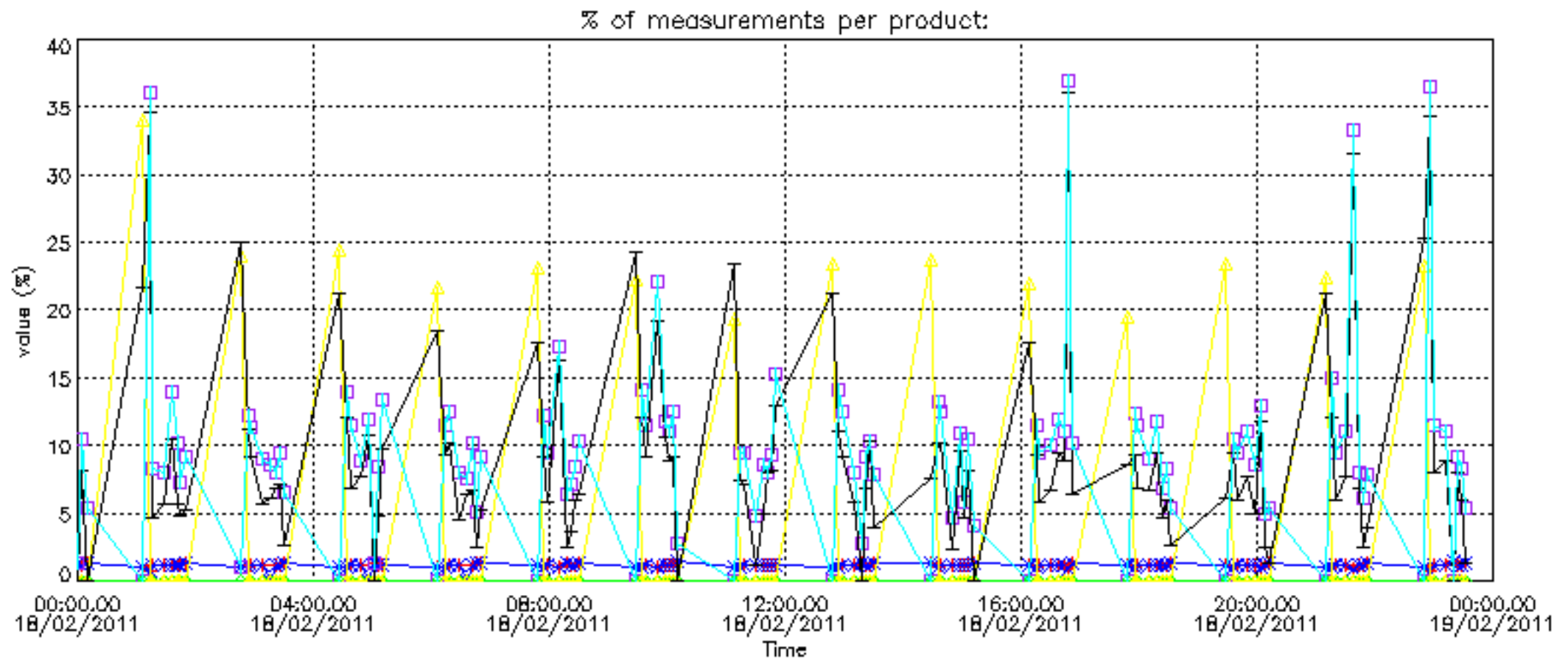
Percentage of flagged data per NO2 profile



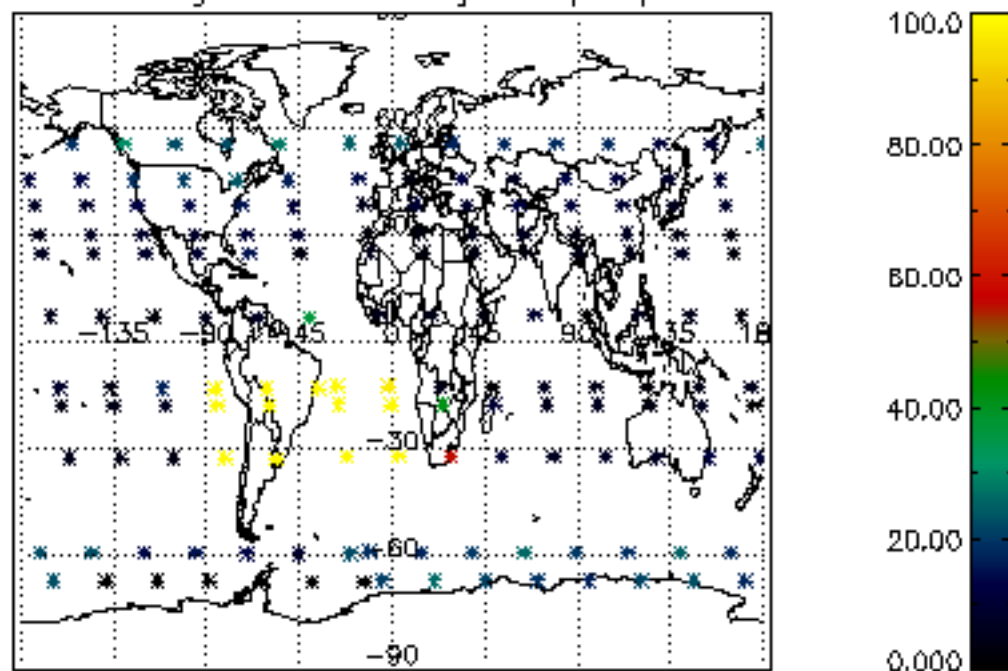
Percentage of flagged data per NO3 profile



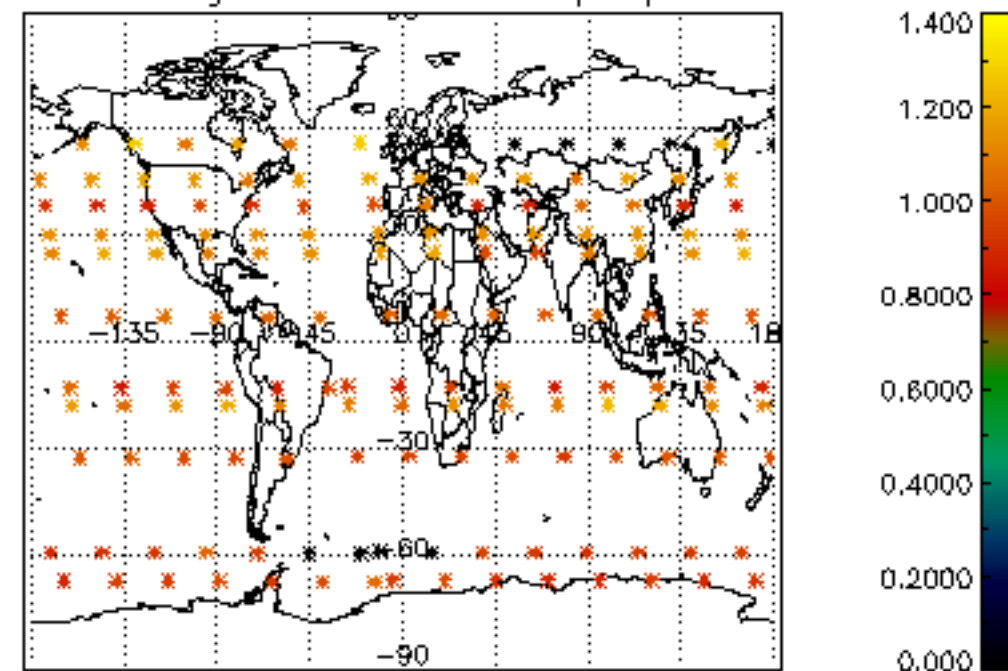




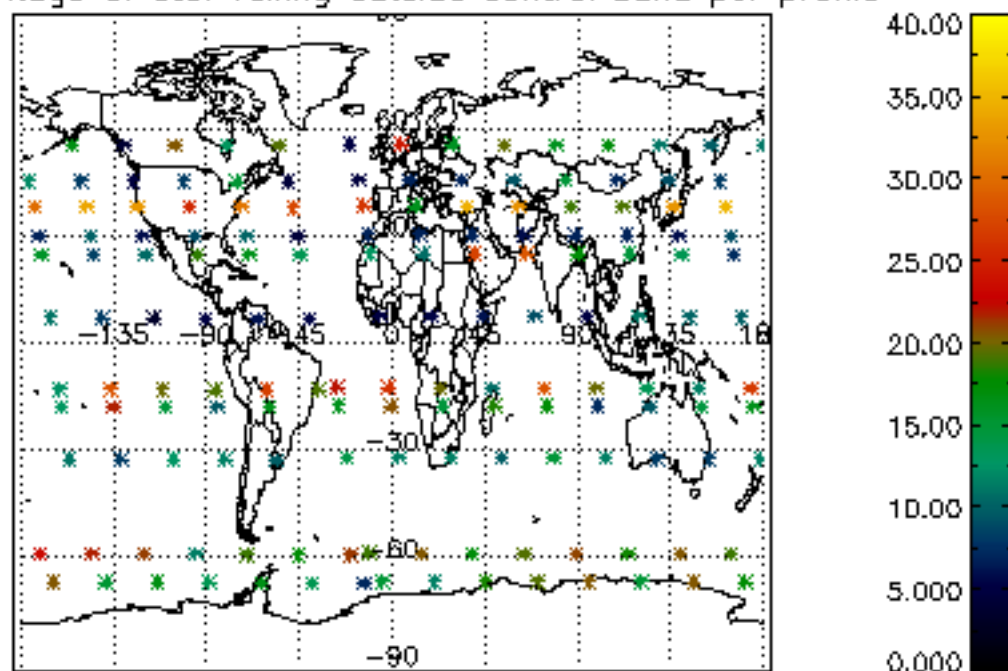
Percentage of cosmic ray hits per profile



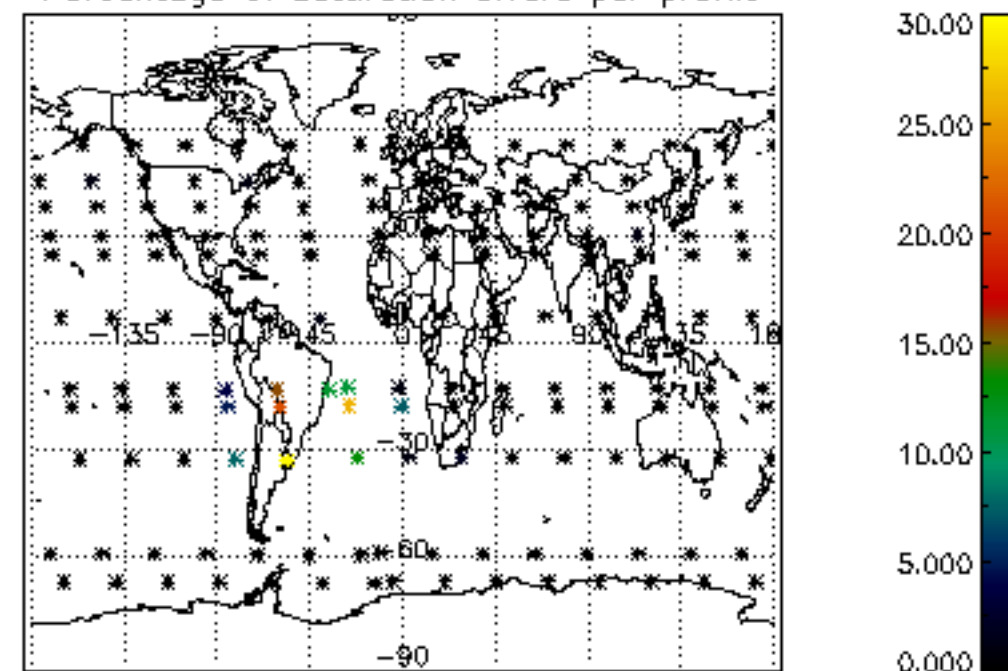
Percentage of datation errors per profile



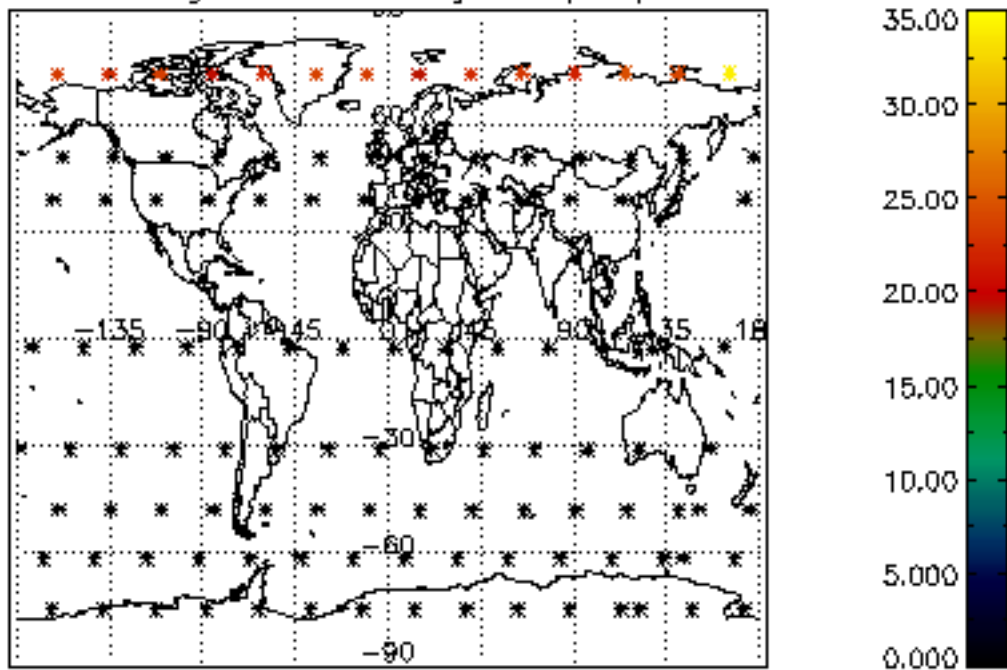
Percentage of star falling outside central band per profile



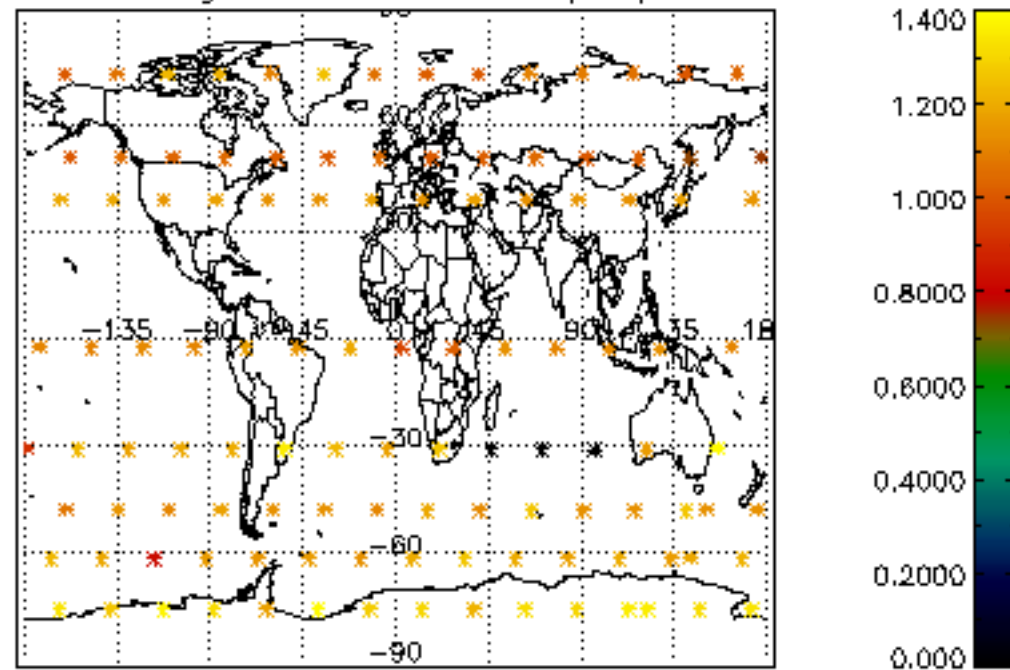
Percentage of saturation errors per profile



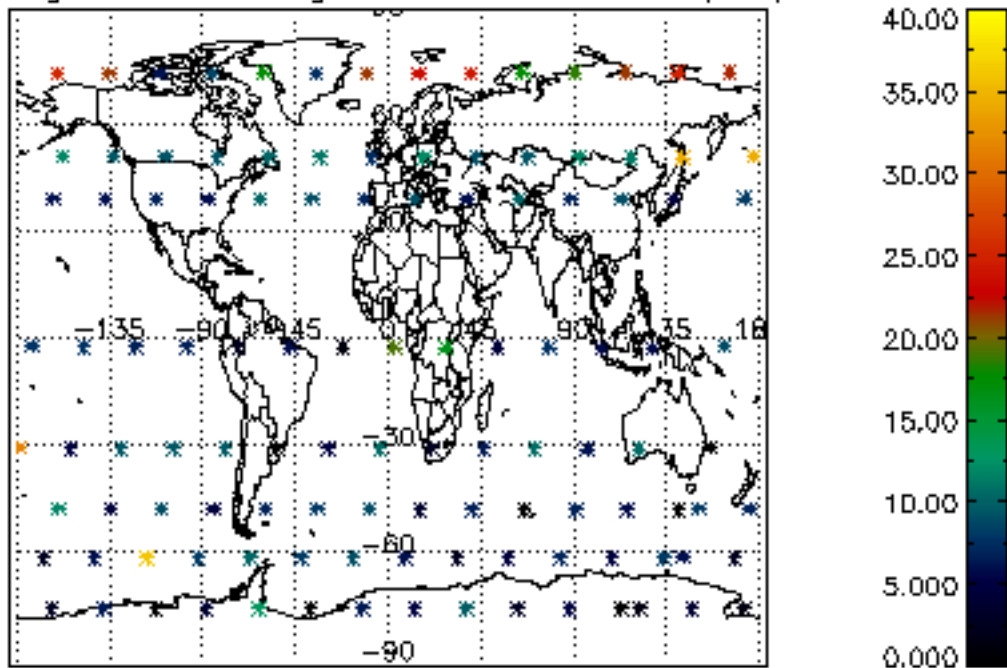
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

