

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 09:49:34
Data source version	GOMOS/6.01
Start time of products	31-01-2011 (31JAN2011 00:00:00)
Stop time of products	01-02-2011 (01FEB2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	296
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__2PRFIN20110131_000114_000000423099_00074_46640_4041.N1	31-JAN-2011 00:01:14	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46640	No
2	GOM_NL__2PRFIN20110131_000437_000000423099_00074_46640_4042.N1	31-JAN-2011 00:04:37	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46640	No
3	GOM_NL__2PRFIN20110131_000635_000000473099_00074_46640_4043.N1	31-JAN-2011 00:06:35	Dark	46.500	99	Del Cen	2.5750	26000.	93	46640	No
4	GOM_NL__2PRFIN20110131_001019_000000503099_00074_46640_4044.N1	31-JAN-2011 00:10:19	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	46640	No
5	GOM_NL__2PRFIN20110131_001446_000000463099_00074_46640_4045.N1	31-JAN-2011 00:14:46	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	46640	No
6	GOM_NL__2PRFIN20110131_002114_000000433099_00074_46640_4046.N1	31-JAN-2011 00:21:14	Straylight	42.500	132	15Rho Pup	2.8030	6900.0	85	46640	No
7	GOM_NL__2PRFIN20110131_002959_000000463099_00074_46640_4047.N1	31-JAN-2011 00:29:59	Twilight	46.000	8	10Alp CMi	0.40000	6500.0	92	46640	No
8	GOM_NL__2PRFIN20110131_003641_000000413099_00074_46640_4048.N1	31-JAN-2011 00:36:41	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46640	No
9	GOM_NL__2PRFIN20110131_005133_000000433099_00074_46640_4049.N1	31-JAN-2011 00:51:33	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	46640	No
10	GOM_NL__2PRFIN20110131_005656_000000383099_00074_46640_4050.N1	31-JAN-2011 00:56:56	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	46640	No
11	GOM_NL__2PRFIN20110131_010138_000000413099_00074_46640_4051.N1	31-JAN-2011 01:01:38	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46640	No
12	GOM_NL__2PRFIN20110131_010446_000000553099_00074_46640_4052.N1	31-JAN-2011 01:04:46	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46640	No
13	GOM_NL__2PRFIN20110131_011123_000000623099_00074_46640_4053.N1	31-JAN-2011 01:11:23	Bright	62.000	133	40Zet Her	2.8070	6000.0	124	46640	No
14	GOM_NL__2PRFIN20110131_011457_000000663099_00074_46640_4054.N1	31-JAN-2011 01:14:57	Bright	66.000	127	27Bet Her	2.7810	4700.0	132	46640	No
15	GOM_NL__2PRFIN20110131_011631_000000373099_00074_46640_4055.N1	31-JAN-2011 01:16:31	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	46640	No
16	GOM_NL__2PRFIN20110131_012504_000000453099_00074_46640_4056.N1	31-JAN-2011 01:25:04	Twilight	45.000	86	35Eta Oph	2.4300	10200.	90	46640	No
17	GOM_NL__2PRFIN20110131_012919_000000543099_00074_46640_4057.N1	31-JAN-2011 01:29:19	Dark	54.000	16	21Alp Sco	1.0200	3000.0	108	46640	No
18	GOM_NL__2PRFIN20110131_013504_000000443099_00074_46640_4058.N1	31-JAN-2011 01:35:04	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46640	No
19	GOM_NL__2PRFIN20110131_013716_000000473099_00075_46641_4052.N1	31-JAN-2011 01:37:16	Dark	46.500	109	Bet Lup	2.6770	26000.	93	46641	No
20	GOM_NL__2PRFIN20110131_014128_000000433099_00075_46641_4053.N1	31-JAN-2011 01:41:28	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46641	No
21	GOM_NL__2PRFIN20110131_014452_000000423099_00075_46641_4054.N1	31-JAN-2011 01:44:52	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46641	No
22	GOM_NL__2PRFIN20110131_014649_000000463099_00075_46641_4055.N1	31-JAN-2011 01:46:49	Dark	45.500	99	Del Cen	2.5750	26000.	91	46641	No
23	GOM_NL__2PRFIN20110131_015034_000000503099_00075_46641_4056.N1	31-JAN-2011 01:50:34	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	46641	No
24	GOM_NL__2PRFIN20110131_015501_000000503099_00075_46641_4057.N1	31-JAN-2011 01:55:01	Dark	50.000	65	Lam Vel	2.2040	4400.0	100	46641	No
25	GOM_NL__2PRFIN20110131_020128_000000433099_00075_46641_4058.N1	31-JAN-2011 02:01:28	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46641	No
26	GOM_NL__2PRFIN20110131_021014_000000473099_00075_46641_4059.N1	31-JAN-2011 02:10:14	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	46641	No
27	GOM_NL__2PRFIN20110131_021654_000000423099_00075_46641_4060.N1	31-JAN-2011 02:16:54	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46641	No
28	GOM_NL__2PRFIN20110131_023147_000000483099_00075_46641_4061.N1	31-JAN-2011 02:31:47	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	46641	No
29	GOM_NL__2PRFIN20110131_023710_000000413099_00075_46641_4062.N1	31-JAN-2011 02:37:10	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	46641	No
30	GOM_NL__2PRFIN20110131_024151_000000413099_00075_46641_4063.N1	31-JAN-2011 02:41:51	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46641	No
31	GOM_NL__2PRFIN20110131_024500_000000553099_00075_46641_4064.N1	31-JAN-2011 02:45:00	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46641	No
32	GOM_NL__2PRFIN20110131_025137_000000413099_00075_46641_4065.N1	31-JAN-2011 02:51:37	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	46641	No
33	GOM_NL__2PRFIN20110131_025512_000000663099_00075_46641_4066.N1	31-JAN-2011 02:55:12	Bright	66.000	127	27Bet Her	2.7810	4700.0	132	46641	No
34	GOM_NL__2PRFIN20110131_025645_000000553099_00075_46641_4067.N1	31-JAN-2011 02:56:45	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46641	No
35	GOM_NL__2PRFIN20110131_030518_000000403099_00075_46641_4068.N1	31-JAN-2011 03:05:18	Twilight	40.000	86	35Eta Oph	2.4300	10200.	80	46641	No
36	GOM_NL__2PRFIN20110131_030934_000000533099_00075_46641_4069.N1	31-JAN-2011 03:09:34	Dark	53.000	16	21Alp Sco	1.0200	3000.0	106	46641	No
37	GOM_NL__2PRFIN20110131_031055_000000473099_00075_46641_4070.N1	31-JAN-2011 03:10:55	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46641	No
38	GOM_NL__2PRFIN20110131_031519_000000433099_00075_46641_4071.N1	31-JAN-2011 03:15:19	Dark	42.500	131	Gam Lup	2.8000	26000.	85	46641	No
39	GOM_NL__2PRFIN20110131_031731_000000443099_00076_46642_4084.N1	31-JAN-2011 03:17:31	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46642	No
40	GOM_NL__2PRFIN20110131_032143_000000453099_00076_46642_4085.N1	31-JAN-2011 03:21:43	Dark	45.000	10	Bet Cen	0.61000	28000.	90	46642	No
41	GOM_NL__2PRFIN20110131_032506_000000523099_00076_46642_4086.N1	31-JAN-2011 03:25:06	Dark	52.000	12	Alp1Cru	0.77500	30000.	104	46642	No
42	GOM_NL__2PRFIN20110131_032704_000000453099_00076_46642_4087.N1	31-JAN-2011 03:27:04	Dark	44.500	99	Del Cen	2.5750	26000.	89	46642	No

43	GOM_NL__2PRFIN20110131_033048_000000453099_00076_46642_4088.N1	31-JAN-2011 03:30:48	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46642	No
44	GOM_NL__2PRFIN20110131_033515_000000483099_00076_46642_4089.N1	31-JAN-2011 03:35:15	Dark	47.500	65	Lam Vel	2.2040	4400.0	95	46642	No
45	GOM_NL__2PRFIN20110131_034143_000000443099_00076_46642_4090.N1	31-JAN-2011 03:41:43	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46642	No
46	GOM_NL__2PRFIN20110131_035028_000000513099_00076_46642_4091.N1	31-JAN-2011 03:50:28	Tw_i_and_stray	50.500	8	10Alp CMi	0.40000	6500.0	101	46642	No
47	GOM_NL__2PRFIN20110131_035708_000000423099_00076_46642_4092.N1	31-JAN-2011 03:57:08	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46642	No
48	GOM_NL__2PRFIN20110131_041200_000000433099_00076_46642_4093.N1	31-JAN-2011 04:12:00	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	46642	No
49	GOM_NL__2PRFIN20110131_041724_000000373099_00076_46642_4094.N1	31-JAN-2011 04:17:24	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46642	No
50	GOM_NL__2PRFIN20110131_042205_000000413099_00076_46642_4095.N1	31-JAN-2011 04:22:05	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	46642	No
51	GOM_NL__2PRFIN20110131_042514_000000353099_00076_46642_4096.N1	31-JAN-2011 04:25:14	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	46642	No
52	GOM_NL__2PRFIN20110131_043151_000000623099_00076_46642_4097.N1	31-JAN-2011 04:31:51	Bright	62.000	133	40Zet Her	2.8070	6000.0	124	46642	No
53	GOM_NL__2PRFIN20110131_043526_000000663099_00076_46642_4098.N1	31-JAN-2011 04:35:26	Bright	66.000	127	27Bet Her	2.7810	4700.0	132	46642	No
54	GOM_NL__2PRFIN20110131_043700_000000383099_00076_46642_4099.N1	31-JAN-2011 04:37:00	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	46642	No
55	GOM_NL__2PRFIN20110131_044533_000000453099_00076_46642_4100.N1	31-JAN-2011 04:45:33	Tw_i_and_stray	45.000	86	35Eta Oph	2.4300	10200.	90	46642	No
56	GOM_NL__2PRFIN20110131_044949_000000603099_00076_46642_4101.N1	31-JAN-2011 04:49:49	Dark	60.000	16	21Alp Sco	1.0200	3000.0	120	46642	No
57	GOM_NL__2PRFIN20110131_045110_000000453099_00076_46642_4102.N1	31-JAN-2011 04:51:10	Dark	45.000	158	6Pi Sco	2.9060	28000.	90	46642	No
58	GOM_NL__2PRFIN20110131_045534_000000443099_00076_46642_4103.N1	31-JAN-2011 04:55:34	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46642	No
59	GOM_NL__2PRFIN20110131_045746_000000443099_00077_46643_4094.N1	31-JAN-2011 04:57:46	Dark	43.500	109	Bet Lup	2.6770	26000.	87	46643	No
60	GOM_NL__2PRFIN20110131_050157_000000423099_00077_46643_4095.N1	31-JAN-2011 05:01:57	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46643	No
61	GOM_NL__2PRFIN20110131_050521_000000423099_00077_46643_4096.N1	31-JAN-2011 05:05:21	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46643	No
62	GOM_NL__2PRFIN20110131_050719_000000463099_00077_46643_4097.N1	31-JAN-2011 05:07:19	Dark	45.500	99	Del Cen	2.5750	26000.	91	46643	No
63	GOM_NL__2PRFIN20110131_051103_000000443099_00077_46643_4098.N1	31-JAN-2011 05:11:03	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	46643	No
64	GOM_NL__2PRFIN20110131_051529_000000463099_00077_46643_4099.N1	31-JAN-2011 05:15:29	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	46643	No
65	GOM_NL__2PRFIN20110131_052157_000000443099_00077_46643_4100.N1	31-JAN-2011 05:21:57	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46643	No
66	GOM_NL__2PRFIN20110131_053042_000000483099_00077_46643_4101.N1	31-JAN-2011 05:30:42	Tw_i_and_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	46643	No
67	GOM_NL__2PRFIN20110131_053722_000000413099_00077_46643_4102.N1	31-JAN-2011 05:37:22	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46643	No
68	GOM_NL__2PRFIN20110131_055214_000000493099_00077_46643_4103.N1	31-JAN-2011 05:52:14	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	46643	No
69	GOM_NL__2PRFIN20110131_055738_000000403099_00077_46643_4104.N1	31-JAN-2011 05:57:38	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46643	No
70	GOM_NL__2PRFIN20110131_060219_000000413099_00077_46643_4105.N1	31-JAN-2011 06:02:19	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46643	No
71	GOM_NL__2PRFIN20110131_060528_000000383099_00077_46643_4106.N1	31-JAN-2011 06:05:28	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46643	No
72	GOM_NL__2PRFIN20110131_061205_000000623099_00077_46643_4107.N1	31-JAN-2011 06:12:05	Bright	62.000	133	40Zet Her	2.8070	6000.0	124	46643	No
73	GOM_NL__2PRFIN20110131_061541_000000463099_00077_46643_4108.N1	31-JAN-2011 06:15:41	Bright	45.500	127	27Bet Her	2.7810	4700.0	91	46643	No
74	GOM_NL__2PRFIN20110131_061714_000000553099_00077_46643_4109.N1	31-JAN-2011 06:17:14	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46643	No
75	GOM_NL__2PRFIN20110131_062547_000000443099_00077_46643_4110.N1	31-JAN-2011 06:25:47	Tw_i_and_stray	44.000	86	35Eta Oph	2.4300	10200.	88	46643	No
76	GOM_NL__2PRFIN20110131_063003_000000503099_00077_46643_4111.N1	31-JAN-2011 06:30:03	Dark	49.500	16	21Alp Sco	1.0200	3000.0	99	46643	No
77	GOM_NL__2PRFIN20110131_063125_000000453099_00077_46643_4112.N1	31-JAN-2011 06:31:25	Dark	45.000	158	6Pi Sco	2.9060	28000.	90	46643	No
78	GOM_NL__2PRFIN20110131_063549_000000433099_00077_46643_4113.N1	31-JAN-2011 06:35:49	Dark	42.500	131	Gam Lup	2.8000	26000.	85	46643	No
79	GOM_NL__2PRFIN20110131_063801_000000453099_00078_46644_4104.N1	31-JAN-2011 06:38:01	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46644	No
80	GOM_NL__2PRFIN20110131_064212_000000523099_00078_46644_4105.N1	31-JAN-2011 06:42:12	Dark	52.000	10	Bet Cen	0.61000	28000.	104	46644	No
81	GOM_NL__2PRFIN20110131_064535_000000453099_00078_46644_4106.N1	31-JAN-2011 06:45:35	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	46644	No
82	GOM_NL__2PRFIN20110131_064734_000000463099_00078_46644_4107.N1	31-JAN-2011 06:47:34	Dark	45.500	99	Del Cen	2.5750	26000.	91	46644	No
83	GOM_NL__2PRFIN20110131_065118_000000433099_00078_46644_4108.N1	31-JAN-2011 06:51:18	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	46644	No
84	GOM_NL__2PRFIN20110131_065544_000000463099_00078_46644_4109.N1	31-JAN-2011 06:55:44	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	46644	No
85	GOM_NL__2PRFIN20110131_070211_000000413099_00078_46644_4110.N1	31-JAN-2011 07:02:11	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	46644	No
86	GOM_NL__2PRFIN20110131_071056_000000513099_00078_46644_4111.N1	31-JAN-2011 07:10:56	Tw_i_and_stray	51.000	8	10Alp CMi	0.40000	6500.0	102	46644	No
87	GOM_NL__2PRFIN20110131_071736_000000413099_00078_46644_4112.N1	31-JAN-2011 07:17:36	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46644	No
88	GOM_NL__2PRFIN20110131_073227_000000473099_00078_46644_4113.N1	31-JAN-2011 07:32:27	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46644	No
89	GOM_NL__2PRFIN20110131_073752_000000363099_00078_46644_4114.N1	31-JAN-2011 07:37:52	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46644	No
90	GOM_NL__2PRFIN20110131_074233_000000413099_00078_46644_4115.N1	31-JAN-2011 07:42:33	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46644	No
91	GOM_NL__2PRFIN20110131_074542_000000553099_00078_46644_4116.N1	31-JAN-2011 07:45:42	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46644	No
92	GOM_NL__2PRFIN20110131_075219_000000413099_00078_46644_4117.N1	31-JAN-2011 07:52:19	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	46644	No
93	GOM_NL__2PRFIN20110131_075555_000000463099_00078_46644_4118.N1	31-JAN-2011 07:55:55	Bright	46.000	127	27Bet Her	2.7810	4700.0	92	46644	No
94	GOM_NL__2PRFIN20110131_075729_000000553099_00078_46644_4119.N1	31-JAN-2011 07:57:29	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46644	No
95	GOM_NL__2PRFIN20110131_080602_000000453099_00078_46644_4120.N1	31-JAN-2011 08:06:02	Tw_i_and_stray	45.000	86	35Eta Oph	2.4300	10200.	90	46644	No
96	GOM_NL__2PRFIN20110131_081018_000000493099_00078_46644_4121.N1	31-JAN-2011 08:10:18	Dark	49.000	16	21Alp Sco	1.0200	3000.0	98	46644	No
97	GOM_NL__2PRFIN20110131_081140_000000483099_00078_46644_4122.N1	31-JAN-2011 08:11:40	Dark	47.500	158	6Pi Sco	2.9060	28000.	95	46644	No
98	GOM_NL__2PRFIN20110131_081604_000000443099_00078_46644_4123.N1	31-JAN-2011 08:16:04	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46644	No
99	GOM_NL__2PRFIN20110131_081816_000000433099_00079_46645_4128.N1	31-JAN-2011 08:18:16	Dark	43.000	109	Bet Lup	2.6770	26000.	86	46645	No
100	GOM_NL__2PRFIN20110131_082227_000000433099_00079_46645_4129.N1	31-JAN-2011 08:22:27	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46645	No
101	GOM_NL__2PRFIN20110131_082550_000000423099_00079_46645_4130.N1	31-JAN-2011 08:25:50	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46645	No

102	GOM_NL__2PRFIN20110131_082749_000000463099_00079_46645_4131.N1	31-JAN-2011 08:27:49	Dark	46.000	99	Del Cen	2.5750	26000.	92	46645	No
103	GOM_NL__2PRFIN20110131_083132_000000493099_00079_46645_4132.N1	31-JAN-2011 08:31:32	Dark	48.500	113	Mu Vel	2.6920	5000.0	97	46645	No
104	GOM_NL__2PRFIN20110131_083558_000000483099_00079_46645_4133.N1	31-JAN-2011 08:35:58	Dark	47.500	65	Lam Vel	2.2040	4400.0	95	46645	No
105	GOM_NL__2PRFIN20110131_084226_000000433099_00079_46645_4134.N1	31-JAN-2011 08:42:26	Straylight	42.500	132	15Rho Pup	2.8030	6900.0	85	46645	No
106	GOM_NL__2PRFIN20110131_085110_000000483099_00079_46645_4135.N1	31-JAN-2011 08:51:10	Tw_i_and_stray	47.500	8	10Alp CMi	0.40000	6500.0	95	46645	No
107	GOM_NL__2PRFIN20110131_085750_000000413099_00079_46645_4136.N1	31-JAN-2011 08:57:50	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46645	No
108	GOM_NL__2PRFIN20110131_091240_000000473099_00079_46645_4137.N1	31-JAN-2011 09:12:40	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46645	No
109	GOM_NL__2PRFIN20110131_091806_000000533099_00079_46645_4138.N1	31-JAN-2011 09:18:06	Bright	52.500	60	7Bet UMi	2.0810	3950.0	105	46645	No
110	GOM_NL__2PRFIN20110131_092247_000000583099_00079_46645_4139.N1	31-JAN-2011 09:22:47	Bright	58.000	119	14Eta Dra	2.7270	4700.0	116	46645	No
111	GOM_NL__2PRFIN20110131_092556_000000363099_00079_46645_4140.N1	31-JAN-2011 09:25:56	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	46645	No
112	GOM_NL__2PRFIN20110131_093234_000000433099_00079_46645_4141.N1	31-JAN-2011 09:32:34	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	46645	No
113	GOM_NL__2PRFIN20110131_093609_000000453099_00079_46645_4142.N1	31-JAN-2011 09:36:09	Bright	44.500	127	27Bet Her	2.7810	4700.0	89	46645	No
114	GOM_NL__2PRFIN20110131_093743_000000373099_00079_46645_4143.N1	31-JAN-2011 09:37:43	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	46645	No
115	GOM_NL__2PRFIN20110131_094616_000000433099_00079_46645_4144.N1	31-JAN-2011 09:46:16	Tw_i_and_stray	43.000	86	35Eta Oph	2.4300	10200.	86	46645	No
116	GOM_NL__2PRFIN20110131_095033_000000503099_00079_46645_4145.N1	31-JAN-2011 09:50:33	Dark	50.000	16	21Alp Sco	1.0200	3000.0	100	46645	No
117	GOM_NL__2PRFIN20110131_095155_000000463099_00079_46645_4146.N1	31-JAN-2011 09:51:55	Dark	46.000	158	6Pi Sco	2.9060	28000.	92	46645	No
118	GOM_NL__2PRFIN20110131_095618_000000453099_00079_46645_4147.N1	31-JAN-2011 09:56:18	Dark	45.000	131	Gam Lup	2.8000	26000.	90	46645	No
119	GOM_NL__2PRFIN20110131_095831_000000483099_00080_46646_4174.N1	31-JAN-2011 09:58:31	Dark	47.500	109	Bet Lup	2.6770	26000.	95	46646	No
120	GOM_NL__2PRFIN20110131_100241_000000423099_00080_46646_4175.N1	31-JAN-2011 10:02:41	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46646	No
121	GOM_NL__2PRFIN20110131_100604_000000443099_00080_46646_4176.N1	31-JAN-2011 10:06:04	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	46646	No
122	GOM_NL__2PRFIN20110131_100803_000000463099_00080_46646_4177.N1	31-JAN-2011 10:08:03	Dark	45.500	99	Del Cen	2.5750	26000.	91	46646	No
123	GOM_NL__2PRFIN20110131_101147_000000433099_00080_46646_4178.N1	31-JAN-2011 10:11:47	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	46646	No
124	GOM_NL__2PRFIN20110131_101612_000000503099_00080_46646_4179.N1	31-JAN-2011 10:16:12	Dark	49.500	65	Lam Vel	2.2040	4400.0	99	46646	No
125	GOM_NL__2PRFIN20110131_102240_000000443099_00080_46646_4180.N1	31-JAN-2011 10:22:40	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46646	No
126	GOM_NL__2PRFIN20110131_103124_000000543099_00080_46646_4181.N1	31-JAN-2011 10:31:24	Tw_i_and_stray	54.000	8	10Alp CMi	0.40000	6500.0	108	46646	No
127	GOM_NL__2PRFIN20110131_103804_000000403099_00080_46646_4182.N1	31-JAN-2011 10:38:04	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	46646	No
128	GOM_NL__2PRFIN20110131_105254_000000443099_00080_46646_4183.N1	31-JAN-2011 10:52:54	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	46646	No
129	GOM_NL__2PRFIN20110131_105819_000000423099_00080_46646_4184.N1	31-JAN-2011 10:58:19	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46646	No
130	GOM_NL__2PRFIN20110131_110301_000000403099_00080_46646_4185.N1	31-JAN-2011 11:03:01	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46646	No
131	GOM_NL__2PRFIN20110131_110610_000000553099_00080_46646_4186.N1	31-JAN-2011 11:06:10	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46646	No
132	GOM_NL__2PRFIN20110131_111248_000000623099_00080_46646_4187.N1	31-JAN-2011 11:12:48	Bright	62.000	133	40Zet Her	2.8070	6000.0	124	46646	No
133	GOM_NL__2PRFIN20110131_111623_000000663099_00080_46646_4188.N1	31-JAN-2011 11:16:23	Bright	66.000	127	27Bet Her	2.7810	4700.0	132	46646	No
134	GOM_NL__2PRFIN20110131_111757_000000553099_00080_46646_4189.N1	31-JAN-2011 11:17:57	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46646	No
135	GOM_NL__2PRFIN20110131_112005_000000543099_00080_46646_4190.N1	31-JAN-2011 11:20:05	Bright	54.000	126	60Bet Oph	2.7700	4250.0	108	46646	No
136	GOM_NL__2PRFIN20110131_112631_000000413099_00080_46646_4191.N1	31-JAN-2011 11:26:31	Tw_i_and_stray	41.000	86	35Eta Oph	2.4300	10200.	82	46646	No
137	GOM_NL__2PRFIN20110131_113047_000000593099_00080_46646_4192.N1	31-JAN-2011 11:30:47	Dark	58.500	16	21Alp Sco	1.0200	3000.0	117	46646	No
138	GOM_NL__2PRFIN20110131_113210_000000463099_00080_46646_4193.N1	31-JAN-2011 11:32:10	Dark	45.500	158	6Pi Sco	2.9060	28000.	91	46646	No
139	GOM_NL__2PRFIN20110131_113633_000000443099_00080_46646_4194.N1	31-JAN-2011 11:36:33	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46646	No
140	GOM_NL__2PRFIN20110131_113846_000000443099_00081_46647_4196.N1	31-JAN-2011 11:38:46	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46647	No
141	GOM_NL__2PRFIN20110131_114256_000000413099_00081_46647_4197.N1	31-JAN-2011 11:42:56	Dark	41.000	10	Bet Cen	0.61000	28000.	82	46647	No
142	GOM_NL__2PRFIN20110131_114619_000000433099_00081_46647_4198.N1	31-JAN-2011 11:46:19	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46647	No
143	GOM_NL__2PRFIN20110131_114818_000000473099_00081_46647_4199.N1	31-JAN-2011 11:48:18	Dark	46.500	99	Del Cen	2.5750	26000.	93	46647	No
144	GOM_NL__2PRFIN20110131_115201_000000443099_00081_46647_4200.N1	31-JAN-2011 11:52:01	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	46647	No
145	GOM_NL__2PRFIN20110131_115627_000000473099_00081_46647_4201.N1	31-JAN-2011 11:56:27	Dark	46.500	65	Lam Vel	2.2040	4400.0	93	46647	No
146	GOM_NL__2PRFIN20110131_120254_000000443099_00081_46647_4202.N1	31-JAN-2011 12:02:54	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46647	No
147	GOM_NL__2PRFIN20110131_121138_000000493099_00081_46647_4203.N1	31-JAN-2011 12:11:38	Tw_i_and_stray	49.000	8	10Alp CMi	0.40000	6500.0	98	46647	No
148	GOM_NL__2PRFIN20110131_121818_000000423099_00081_46647_4204.N1	31-JAN-2011 12:18:18	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46647	No
149	GOM_NL__2PRFIN20110131_123307_000000473099_00081_46647_4205.N1	31-JAN-2011 12:33:07	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46647	No
150	GOM_NL__2PRFIN20110131_123833_000000413099_00081_46647_4206.N1	31-JAN-2011 12:38:33	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46647	No
151	GOM_NL__2PRFIN20110131_124315_000000373099_00081_46647_4207.N1	31-JAN-2011 12:43:15	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	46647	No
152	GOM_NL__2PRFIN20110131_124624_000000363099_00081_46647_4208.N1	31-JAN-2011 12:46:24	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	46647	No
153	GOM_NL__2PRFIN20110131_125302_000000623099_00081_46647_4209.N1	31-JAN-2011 12:53:02	Bright	62.000	133	40Zet Her	2.8070	6000.0	124	46647	No
154	GOM_NL__2PRFIN20110131_125638_000000483099_00081_46647_4210.N1	31-JAN-2011 12:56:38	Bright	47.500	127	27Bet Her	2.7810	4700.0	95	46647	No
155	GOM_NL__2PRFIN20110131_125811_000000553099_00081_46647_4211.N1	31-JAN-2011 12:58:11	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46647	No
156	GOM_NL__2PRFIN20110131_130019_000000383099_00081_46647_4212.N1	31-JAN-2011 13:00:19	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	46647	No
157	GOM_NL__2PRFIN20110131_130645_000000463099_00081_46647_4213.N1	31-JAN-2011 13:06:45	Tw_i_and_stray	45.500	86	35Eta Oph	2.4300	10200.	91	46647	No
158	GOM_NL__2PRFIN20110131_131102_000000503099_00081_46647_4214.N1	31-JAN-2011 13:11:02	Dark	50.000	16	21Alp Sco	1.0200	3000.0	100	46647	No
159	GOM_NL__2PRFIN20110131_131225_000000453099_00081_46647_4215.N1	31-JAN-2011 13:12:25	Dark	45.000	158	6Pi Sco	2.9060	28000.	90	46647	No
160	GOM_NL__2PRFIN20110131_131648_000000433099_00081_46647_4216.N1	31-JAN-2011 13:16:48	Dark	43.000	131	Gam Lup	2.8000	26000.	86	46647	No

161	GOM_NL__2PRFIN20110131_131900_000000463099_00082_46648_4222.N1	31-JAN-2011 13:19:00	Dark	45.500	109	Bet Lup	2.6770	26000.	91	46648	No
162	GOM_NL__2PRFIN20110131_132310_000000423099_00082_46648_4223.N1	31-JAN-2011 13:23:10	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46648	No
163	GOM_NL__2PRFIN20110131_132634_000000423099_00082_46648_4224.N1	31-JAN-2011 13:26:34	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46648	No
164	GOM_NL__2PRFIN20110131_132833_000000453099_00082_46648_4225.N1	31-JAN-2011 13:28:33	Dark	45.000	99	Del Cen	2.5750	26000.	90	46648	No
165	GOM_NL__2PRFIN20110131_133216_000000453099_00082_46648_4226.N1	31-JAN-2011 13:32:16	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	46648	No
166	GOM_NL__2PRFIN20110131_133641_000000453099_00082_46648_4227.N1	31-JAN-2011 13:36:41	Dark	44.500	65	Lam Vel	2.2040	4400.0	89	46648	No
167	GOM_NL__2PRFIN20110131_134308_000000433099_00082_46648_4228.N1	31-JAN-2011 13:43:08	Straylight	42.500	132	15Rho Pup	2.8030	6900.0	85	46648	No
168	GOM_NL__2PRFIN20110131_134743_000000283099_00082_46648_4229.N1	31-JAN-2011 13:47:43	Straylight	28.000	48	30Alp Hya	1.9770	4100.0	56	46648	No
169	GOM_NL__2PRFIN20110131_135152_000000543099_00082_46648_4230.N1	31-JAN-2011 13:51:52	Tw_i_and_stray	54.000	8	10Alp CMi	0.40000	6500.0	108	46648	No
170	GOM_NL__2PRFIN20110131_135831_000000413099_00082_46648_4231.N1	31-JAN-2011 13:58:31	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46648	No
171	GOM_NL__2PRFIN20110131_141320_000000433099_00082_46648_4232.N1	31-JAN-2011 14:13:20	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	46648	No
172	GOM_NL__2PRFIN20110131_141847_000000383099_00082_46648_4233.N1	31-JAN-2011 14:18:47	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	46648	No
173	GOM_NL__2PRFIN20110131_142328_000000393099_00082_46648_4234.N1	31-JAN-2011 14:23:28	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46648	No
174	GOM_NL__2PRFIN20110131_142638_000000403099_00082_46648_4235.N1	31-JAN-2011 14:26:38	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	46648	No
175	GOM_NL__2PRFIN20110131_143316_000000633099_00082_46648_4236.N1	31-JAN-2011 14:33:16	Bright	63.000	133	40Zet Her	2.8070	6000.0	126	46648	No
176	GOM_NL__2PRFIN20110131_143652_000000663099_00082_46648_4237.N1	31-JAN-2011 14:36:52	Bright	66.000	127	27Bet Her	2.7810	4700.0	132	46648	No
177	GOM_NL__2PRFIN20110131_143826_000000553099_00082_46648_4238.N1	31-JAN-2011 14:38:26	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46648	No
178	GOM_NL__2PRFIN20110131_144033_000000543099_00082_46648_4239.N1	31-JAN-2011 14:40:33	Bright	54.000	126	60Bet Oph	2.7700	4250.0	108	46648	No
179	GOM_NL__2PRFIN20110131_144700_000000443099_00082_46648_4240.N1	31-JAN-2011 14:47:00	Tw_i_and_stray	43.500	86	35Eta Oph	2.4300	10200.	87	46648	No
180	GOM_NL__2PRFIN20110131_145117_000000553099_00082_46648_4241.N1	31-JAN-2011 14:51:17	Dark	55.000	16	21Alp Sco	1.0200	3000.0	110	46648	No
181	GOM_NL__2PRFIN20110131_145239_000000463099_00082_46648_4242.N1	31-JAN-2011 14:52:39	Dark	46.000	158	6Pi Sco	2.9060	28000.	92	46648	No
182	GOM_NL__2PRFIN20110131_145703_000000443099_00082_46648_4243.N1	31-JAN-2011 14:57:03	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46648	No
183	GOM_NL__2PRFIN20110131_145915_000000443099_00083_46649_4263.N1	31-JAN-2011 14:59:15	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46649	No
184	GOM_NL__2PRFIN20110131_150325_000000433099_00083_46649_4264.N1	31-JAN-2011 15:03:25	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46649	No
185	GOM_NL__2PRFIN20110131_150648_000000423099_00083_46649_4265.N1	31-JAN-2011 15:06:48	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46649	No
186	GOM_NL__2PRFIN20110131_150848_000000463099_00083_46649_4266.N1	31-JAN-2011 15:08:48	Dark	46.000	99	Del Cen	2.5750	26000.	92	46649	No
187	GOM_NL__2PRFIN20110131_151231_000000453099_00083_46649_4267.N1	31-JAN-2011 15:12:31	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46649	No
188	GOM_NL__2PRFIN20110131_151656_000000473099_00083_46649_4268.N1	31-JAN-2011 15:16:56	Dark	47.000	65	Lam Vel	2.2040	4400.0	94	46649	No
189	GOM_NL__2PRFIN20110131_152322_000000433099_00083_46649_4269.N1	31-JAN-2011 15:23:22	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46649	No
190	GOM_NL__2PRFIN20110131_152757_000000283099_00083_46649_4270.N1	31-JAN-2011 15:27:57	Straylight	28.000	48	30Alp Hya	1.9770	4100.0	56	46649	No
191	GOM_NL__2PRFIN20110131_153206_000000543099_00083_46649_4271.N1	31-JAN-2011 15:32:06	Tw_i_and_stray	54.000	8	10Alp CMi	0.40000	6500.0	108	46649	No
192	GOM_NL__2PRFIN20110131_153845_000000423099_00083_46649_4272.N1	31-JAN-2011 15:38:45	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46649	No
193	GOM_NL__2PRFIN20110131_155334_000000453099_00083_46649_4273.N1	31-JAN-2011 15:53:34	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	46649	No
194	GOM_NL__2PRFIN20110131_155901_000000433099_00083_46649_4274.N1	31-JAN-2011 15:59:01	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	46649	No
195	GOM_NL__2PRFIN20110131_160342_000000413099_00083_46649_4275.N1	31-JAN-2011 16:03:42	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46649	No
196	GOM_NL__2PRFIN20110131_160652_000000383099_00083_46649_4276.N1	31-JAN-2011 16:06:52	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46649	No
197	GOM_NL__2PRFIN20110131_161330_000000603099_00083_46649_4277.N1	31-JAN-2011 16:13:30	Bright	60.000	133	40Zet Her	2.8070	6000.0	120	46649	No
198	GOM_NL__2PRFIN20110131_161706_000000663099_00083_46649_4278.N1	31-JAN-2011 16:17:06	Bright	66.000	127	27Bet Her	2.7810	4700.0	132	46649	No
199	GOM_NL__2PRFIN20110131_161840_000000553099_00083_46649_4279.N1	31-JAN-2011 16:18:40	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46649	No
200	GOM_NL__2PRFIN20110131_162048_000000543099_00083_46649_4280.N1	31-JAN-2011 16:20:48	Bright	54.000	126	60Bet Oph	2.7700	4250.0	108	46649	No
201	GOM_NL__2PRFIN20110131_162715_000000453099_00083_46649_4281.N1	31-JAN-2011 16:27:15	Tw_i_and_stray	45.000	86	35Eta Oph	2.4300	10200.	90	46649	No
202	GOM_NL__2PRFIN20110131_163132_000000493099_00083_46649_4282.N1	31-JAN-2011 16:31:32	Dark	48.500	16	21Alp Sco	1.0200	3000.0	97	46649	No
203	GOM_NL__2PRFIN20110131_163254_000000473099_00083_46649_4283.N1	31-JAN-2011 16:32:54	Dark	46.500	158	6Pi Sco	2.9060	28000.	93	46649	No
204	GOM_NL__2PRFIN20110131_163717_000000453099_00083_46649_4284.N1	31-JAN-2011 16:37:17	Dark	44.500	131	Gam Lup	2.8000	26000.	89	46649	No
205	GOM_NL__2PRFIN20110131_163931_000000443099_00084_46650_4294.N1	31-JAN-2011 16:39:31	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46650	No
206	GOM_NL__2PRFIN20110131_164340_000000473099_00084_46650_4295.N1	31-JAN-2011 16:43:40	Dark	46.500	10	Bet Cen	0.61000	28000.	93	46650	No
207	GOM_NL__2PRFIN20110131_164703_000000443099_00084_46650_4296.N1	31-JAN-2011 16:47:03	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	46650	No
208	GOM_NL__2PRFIN20110131_164903_000000463099_00084_46650_4297.N1	31-JAN-2011 16:49:03	Dark	46.000	99	Del Cen	2.5750	26000.	92	46650	No
209	GOM_NL__2PRFIN20110131_165245_000000523099_00084_46650_4298.N1	31-JAN-2011 16:52:45	Dark	51.500	113	Mu Vel	2.6920	5000.0	103	46650	No
210	GOM_NL__2PRFIN20110131_165710_000000453099_00084_46650_4299.N1	31-JAN-2011 16:57:10	Dark	45.000	65	Lam Vel	2.2040	4400.0	90	46650	No
211	GOM_NL__2PRFIN20110131_170336_000000453099_00084_46650_4300.N1	31-JAN-2011 17:03:36	Straylight	44.500	132	15Rho Pup	2.8030	6900.0	89	46650	No
212	GOM_NL__2PRFIN20110131_170811_000000343099_00084_46650_4301.N1	31-JAN-2011 17:08:11	Straylight	34.000	48	30Alp Hya	1.9770	4100.0	68	46650	No
213	GOM_NL__2PRFIN20110131_171220_000000543099_00084_46650_4302.N1	31-JAN-2011 17:12:20	Tw_i_and_stray	54.000	8	10Alp CMi	0.40000	6500.0	108	46650	No
214	GOM_NL__2PRFIN20110131_171859_000000413099_00084_46650_4303.N1	31-JAN-2011 17:18:59	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46650	No
215	GOM_NL__2PRFIN20110131_173347_000000473099_00084_46650_4304.N1	31-JAN-2011 17:33:47	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46650	No
216	GOM_NL__2PRFIN20110131_173914_000000413099_00084_46650_4305.N1	31-JAN-2011 17:39:14	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46650	No
217	GOM_NL__2PRFIN20110131_174356_000000413099_00084_46650_4306.N1	31-JAN-2011 17:43:56	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	46650	No
218	GOM_NL__2PRFIN20110131_174706_000000553099_00084_46650_4307.N1	31-JAN-2011 17:47:06	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46650	No
219	GOM_NL__2PRFIN20110131_175344_000000553099_00084_46650_4308.N1	31-JAN-2011 17:53:44	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46650	No

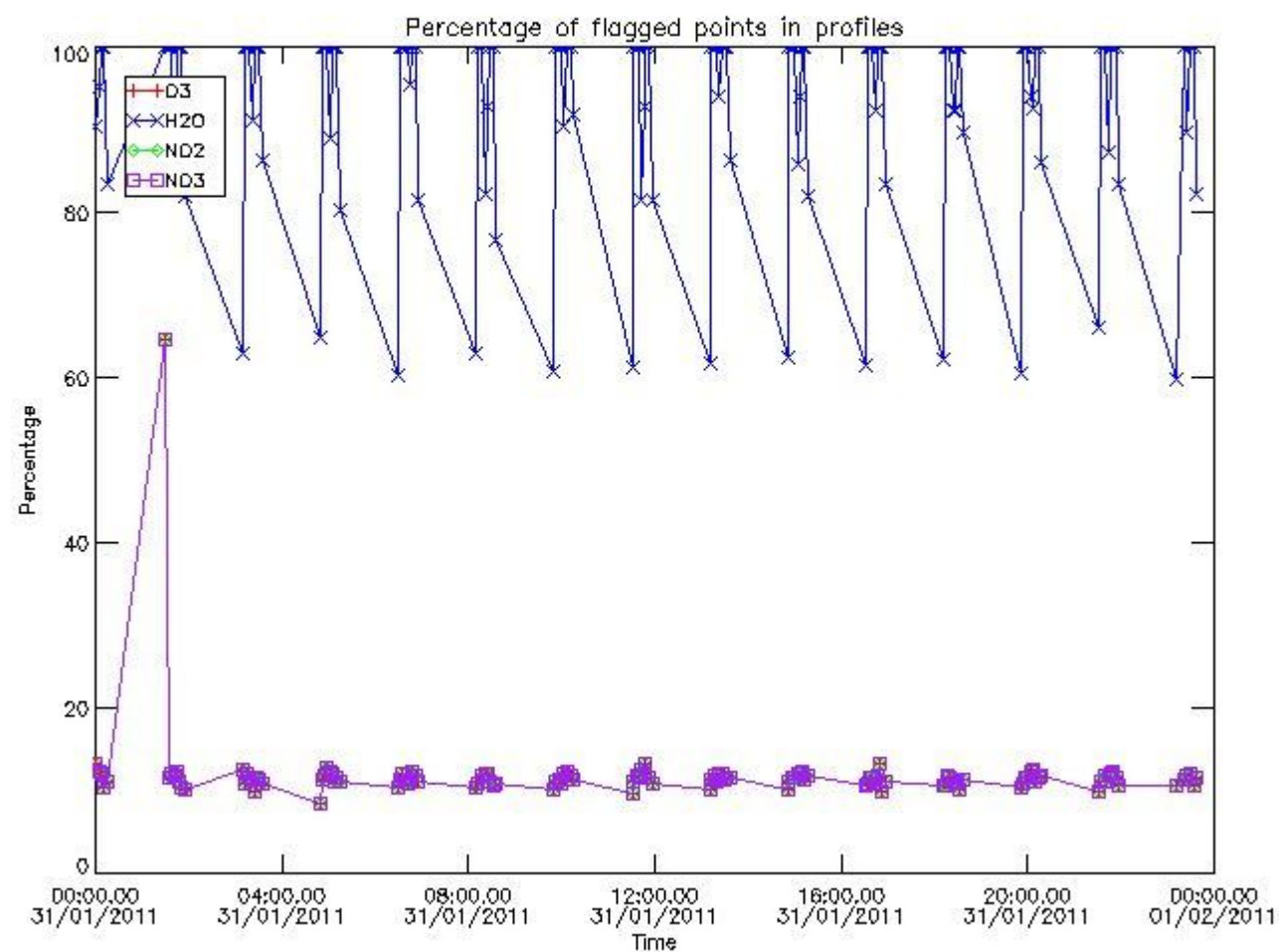
220	GOM_NL__2PRFIN20110131_175721_000000673099_00084_46650_4309.N1	31-JAN-2011 17:57:21	Bright	67.000	127	27Bet Her	2.7810	4700.0	134	46650	No
221	GOM_NL__2PRFIN20110131_180102_000000543099_00084_46650_4310.N1	31-JAN-2011 18:01:02	Bright	54.000	126	60Bet Oph	2.7700	4250.0	108	46650	No
222	GOM_NL__2PRFIN20110131_180729_000000453099_00084_46650_4311.N1	31-JAN-2011 18:07:29	Tw_i_and_stray	44.500	86	35Eta Oph	2.4300	10200.	89	46650	No
223	GOM_NL__2PRFIN20110131_181146_000000483099_00084_46650_4312.N1	31-JAN-2011 18:11:46	Dark	48.000	16	21Alp Sco	1.0200	3000.0	96	46650	No
224	GOM_NL__2PRFIN20110131_181309_000000493099_00084_46650_4313.N1	31-JAN-2011 18:13:09	Dark	48.500	158	6Pi Sco	2.9060	28000.	97	46650	No
225	GOM_NL__2PRFIN20110131_181732_000000443099_00084_46650_4314.N1	31-JAN-2011 18:17:32	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46650	No
226	GOM_NL__2PRFIN20110131_181946_000000443099_00085_46651_4337.N1	31-JAN-2011 18:19:46	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46651	No
227	GOM_NL__2PRFIN20110131_182354_000000463099_00085_46651_4338.N1	31-JAN-2011 18:23:54	Dark	46.000	10	Bet Cen	0.61000	28000.	92	46651	No
228	GOM_NL__2PRFIN20110131_182717_000000473099_00085_46651_4339.N1	31-JAN-2011 18:27:17	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	46651	No
229	GOM_NL__2PRFIN20110131_182918_000000463099_00085_46651_4340.N1	31-JAN-2011 18:29:18	Dark	46.000	99	Del Cen	2.5750	26000.	92	46651	No
230	GOM_NL__2PRFIN20110131_183300_000000513099_00085_46651_4341.N1	31-JAN-2011 18:33:00	Dark	50.500	113	Mu Vel	2.6920	5000.0	101	46651	No
231	GOM_NL__2PRFIN20110131_183724_000000493099_00085_46651_4342.N1	31-JAN-2011 18:37:24	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	46651	No
232	GOM_NL__2PRFIN20110131_184350_000000443099_00085_46651_4343.N1	31-JAN-2011 18:43:50	Straylight	44.000	132	15Rho Pup	2.8030	6900.0	88	46651	No
233	GOM_NL__2PRFIN20110131_184825_000000343099_00085_46651_4344.N1	31-JAN-2011 18:48:25	Straylight	34.000	48	30Alp Hya	1.9770	4100.0	68	46651	No
234	GOM_NL__2PRFIN20110131_185234_000000523099_00085_46651_4345.N1	31-JAN-2011 18:52:34	Tw_i_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	46651	No
235	GOM_NL__2PRFIN20110131_185913_000000413099_00085_46651_4346.N1	31-JAN-2011 18:59:13	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46651	No
236	GOM_NL__2PRFIN20110131_191401_000000473099_00085_46651_4347.N1	31-JAN-2011 19:14:01	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46651	No
237	GOM_NL__2PRFIN20110131_191928_000000423099_00085_46651_4348.N1	31-JAN-2011 19:19:28	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46651	No
238	GOM_NL__2PRFIN20110131_192410_000000403099_00085_46651_4349.N1	31-JAN-2011 19:24:10	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46651	No
239	GOM_NL__2PRFIN20110131_192720_000000363099_00085_46651_4350.N1	31-JAN-2011 19:27:20	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	46651	No
240	GOM_NL__2PRFIN20110131_193359_000000633099_00085_46651_4351.N1	31-JAN-2011 19:33:59	Bright	63.000	133	40Zet Her	2.8070	6000.0	126	46651	No
241	GOM_NL__2PRFIN20110131_193735_000000473099_00085_46651_4352.N1	31-JAN-2011 19:37:35	Bright	46.500	127	27Bet Her	2.7810	4700.0	93	46651	No
242	GOM_NL__2PRFIN20110131_194116_000000503099_00085_46651_4353.N1	31-JAN-2011 19:41:16	Bright	50.000	126	60Bet Oph	2.7700	4250.0	100	46651	No
243	GOM_NL__2PRFIN20110131_194743_000000453099_00085_46651_4354.N1	31-JAN-2011 19:47:43	Tw_i_and_stray	44.500	86	35Eta Oph	2.4300	10200.	89	46651	No
244	GOM_NL__2PRFIN20110131_195201_000000543099_00085_46651_4355.N1	31-JAN-2011 19:52:01	Dark	53.500	16	21Alp Sco	1.0200	3000.0	107	46651	No
245	GOM_NL__2PRFIN20110131_195324_000000483099_00085_46651_4356.N1	31-JAN-2011 19:53:24	Dark	47.500	158	6Pi Sco	2.9060	28000.	95	46651	No
246	GOM_NL__2PRFIN20110131_195747_000000443099_00085_46651_4357.N1	31-JAN-2011 19:57:47	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46651	No
247	GOM_NL__2PRFIN20110131_200000_000000453099_00086_46652_4374.N1	31-JAN-2011 20:00:00	Dark	44.500	109	Bet Lup	2.6770	26000.	89	46652	No
248	GOM_NL__2PRFIN20110131_200409_000000423099_00086_46652_4375.N1	31-JAN-2011 20:04:09	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46652	No
249	GOM_NL__2PRFIN20110131_200732_000000413099_00086_46652_4376.N1	31-JAN-2011 20:07:32	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	46652	No
250	GOM_NL__2PRFIN20110131_200932_000000463099_00086_46652_4377.N1	31-JAN-2011 20:09:32	Dark	46.000	99	Del Cen	2.5750	26000.	92	46652	No
251	GOM_NL__2PRFIN20110131_201315_000000453099_00086_46652_4378.N1	31-JAN-2011 20:13:15	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	46652	No
252	GOM_NL__2PRFIN20110131_201739_000000473099_00086_46652_4379.N1	31-JAN-2011 20:17:39	Dark	47.000	65	Lam Vel	2.2040	4400.0	94	46652	No
253	GOM_NL__2PRFIN20110131_202405_000000433099_00086_46652_4380.N1	31-JAN-2011 20:24:05	Straylight	42.500	132	15Rho Pup	2.8030	6900.0	85	46652	No
254	GOM_NL__2PRFIN20110131_202839_000000413099_00086_46652_4381.N1	31-JAN-2011 20:28:39	Straylight	41.000	48	30Alp Hya	1.9770	4100.0	82	46652	No
255	GOM_NL__2PRFIN20110131_203248_000000513099_00086_46652_4382.N1	31-JAN-2011 20:32:48	Tw_i_and_stray	51.000	8	10Alp CMi	0.40000	6500.0	102	46652	No
256	GOM_NL__2PRFIN20110131_203927_000000423099_00086_46652_4383.N1	31-JAN-2011 20:39:27	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46652	No
257	GOM_NL__2PRFIN20110131_205414_000000483099_00086_46652_4384.N1	31-JAN-2011 20:54:14	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	46652	No
258	GOM_NL__2PRFIN20110131_205942_000000413099_00086_46652_4385.N1	31-JAN-2011 20:59:42	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46652	No
259	GOM_NL__2PRFIN20110131_210424_000000393099_00086_46652_4386.N1	31-JAN-2011 21:04:24	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46652	No
260	GOM_NL__2PRFIN20110131_210734_000000553099_00086_46652_4387.N1	31-JAN-2011 21:07:34	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46652	No
261	GOM_NL__2PRFIN20110131_211413_000000633099_00086_46652_4388.N1	31-JAN-2011 21:14:13	Bright	63.000	133	40Zet Her	2.8070	6000.0	126	46652	No
262	GOM_NL__2PRFIN20110131_211749_000000473099_00086_46652_4389.N1	31-JAN-2011 21:17:49	Bright	47.000	127	27Bet Her	2.7810	4700.0	94	46652	No
263	GOM_NL__2PRFIN20110131_212131_000000373099_00086_46652_4390.N1	31-JAN-2011 21:21:31	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	46652	No
264	GOM_NL__2PRFIN20110131_212758_000000433099_00086_46652_4391.N1	31-JAN-2011 21:27:58	Tw_i_and_stray	43.000	86	35Eta Oph	2.4300	10200.	86	46652	No
265	GOM_NL__2PRFIN20110131_213216_000000523099_00086_46652_4392.N1	31-JAN-2011 21:32:16	Dark	52.000	16	21Alp Sco	1.0200	3000.0	104	46652	No
266	GOM_NL__2PRFIN20110131_213339_000000463099_00086_46652_4393.N1	31-JAN-2011 21:33:39	Dark	45.500	158	6Pi Sco	2.9060	28000.	91	46652	No
267	GOM_NL__2PRFIN20110131_213802_000000433099_00086_46652_4394.N1	31-JAN-2011 21:38:02	Dark	43.000	131	Gam Lup	2.8000	26000.	86	46652	No
268	GOM_NL__2PRFIN20110131_214015_000000463099_00087_46653_4402.N1	31-JAN-2011 21:40:15	Dark	45.500	109	Bet Lup	2.6770	26000.	91	46653	No
269	GOM_NL__2PRFIN20110131_214424_000000443099_00087_46653_4403.N1	31-JAN-2011 21:44:24	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46653	No
270	GOM_NL__2PRFIN20110131_214746_000000433099_00087_46653_4404.N1	31-JAN-2011 21:47:46	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46653	No
271	GOM_NL__2PRFIN20110131_214947_000000463099_00087_46653_4405.N1	31-JAN-2011 21:49:47	Dark	45.500	99	Del Cen	2.5750	26000.	91	46653	No
272	GOM_NL__2PRFIN20110131_215329_000000453099_00087_46653_4406.N1	31-JAN-2011 21:53:29	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	46653	No
273	GOM_NL__2PRFIN20110131_215753_000000493099_00087_46653_4407.N1	31-JAN-2011 21:57:53	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	46653	No
274	GOM_NL__2PRFIN20110131_220419_000000423099_00087_46653_4408.N1	31-JAN-2011 22:04:19	Straylight	42.000	132	15Rho Pup	2.8030	6900.0	84	46653	No
275	GOM_NL__2PRFIN20110131_220853_000000413099_00087_46653_4409.N1	31-JAN-2011 22:08:53	Straylight	41.000	48	30Alp Hya	1.9770	4100.0	82	46653	No
276	GOM_NL__2PRFIN20110131_221302_000000503099_00087_46653_4410.N1	31-JAN-2011 22:13:02	Tw_i_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	46653	No
277	GOM_NL__2PRFIN20110131_221941_000000413099_00087_46653_4411.N1	31-JAN-2011 22:19:41	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46653	No
278	GOM_NL__2PRFIN20110131_223427_000000473099_00087_46653_4412.N1	31-JAN-2011 22:34:27	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46653	No

279	GOM_NL__2PRFIN20110131_223956_000000353099_00087_46653_4413.N1	31-JAN-2011 22:39:56	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	46653	No
280	GOM_NL__2PRFIN20110131_224437_000000413099_00087_46653_4414.N1	31-JAN-2011 22:44:37	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	46653	No
281	GOM_NL__2PRFIN20110131_224748_000000393099_00087_46653_4415.N1	31-JAN-2011 22:47:48	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	46653	No
282	GOM_NL__2PRFIN20110131_225427_000000433099_00087_46653_4416.N1	31-JAN-2011 22:54:27	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	46653	No
283	GOM_NL__2PRFIN20110131_225804_000000673099_00087_46653_4417.N1	31-JAN-2011 22:58:04	Bright	67.000	127	27Bet Her	2.7810	4700.0	134	46653	No
284	GOM_NL__2PRFIN20110131_230145_000000443099_00087_46653_4418.N1	31-JAN-2011 23:01:45	Bright	44.000	126	60Bet Oph	2.7700	4250.0	88	46653	No
285	GOM_NL__2PRFIN20110131_230812_000000463099_00087_46653_4419.N1	31-JAN-2011 23:08:12	Twilight	45.500	86	35Eta Oph	2.4300	10200.0	91	46653	No
286	GOM_NL__2PRFIN20110131_231230_000000533099_00087_46653_4420.N1	31-JAN-2011 23:12:30	Dark	52.500	16	21Alp Sco	1.0200	3000.0	105	46653	No
287	GOM_NL__2PRFIN20110131_232030_000000453099_00088_46654_4464.N1	31-JAN-2011 23:20:30	Dark	45.000	109	Bet Lup	2.6770	26000.0	90	46654	No
288	GOM_NL__2PRFIN20110131_232438_000000443099_00088_46654_4465.N1	31-JAN-2011 23:24:38	Dark	43.500	10	Bet Cen	0.61000	28000.0	87	46654	No
289	GOM_NL__2PRFIN20110131_232801_000000423099_00088_46654_4466.N1	31-JAN-2011 23:28:01	Dark	42.000	12	Alp1Cru	0.77500	30000.0	84	46654	No
290	GOM_NL__2PRFIN20110131_233002_000000473099_00088_46654_4467.N1	31-JAN-2011 23:30:02	Dark	46.500	99	Del Cen	2.5750	26000.0	93	46654	No
291	GOM_NL__2PRFIN20110131_233344_000000493099_00088_46654_4468.N1	31-JAN-2011 23:33:44	Dark	48.500	113	Mu Vel	2.6920	5000.0	97	46654	No
292	GOM_NL__2PRFIN20110131_233807_000000483099_00088_46654_4469.N1	31-JAN-2011 23:38:07	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	46654	No
293	GOM_NL__2PRFIN20110131_234433_000000433099_00088_46654_4470.N1	31-JAN-2011 23:44:33	Straylight	42.500	132	15Rho Pup	2.8030	6900.0	85	46654	No
294	GOM_NL__2PRFIN20110131_234907_000000473099_00088_46654_4471.N1	31-JAN-2011 23:49:07	Straylight	47.000	48	30Alp Hya	1.9770	4100.0	94	46654	No
295	GOM_NL__2PRFIN20110131_235316_000000493099_00088_46654_4472.N1	31-JAN-2011 23:53:16	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	46654	No
296	GOM_NL__2PRFIN20110131_235955_000000423099_00088_46654_4473.N1	31-JAN-2011 23:59:55	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46654	No

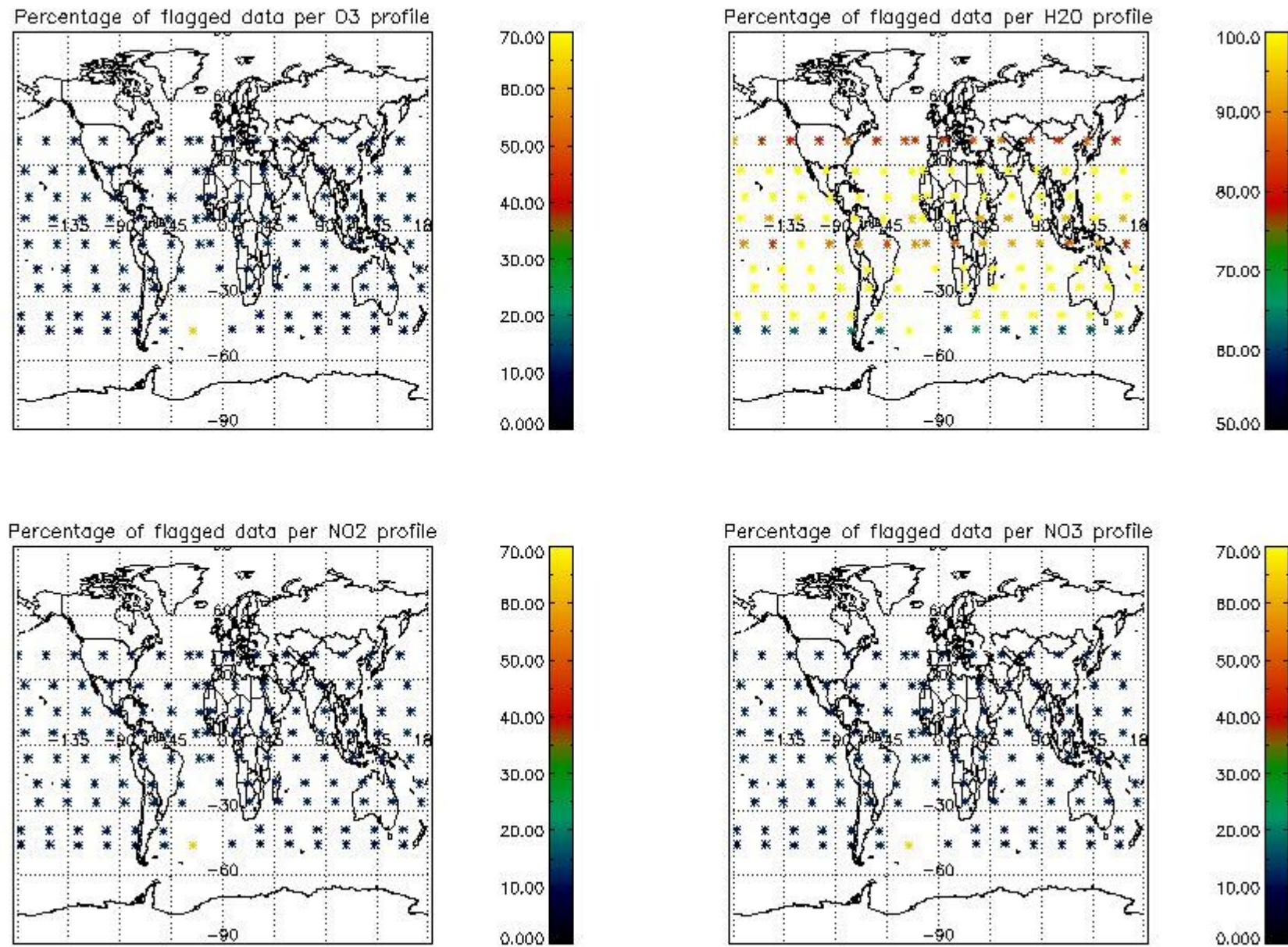
3. Quality information per product

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)

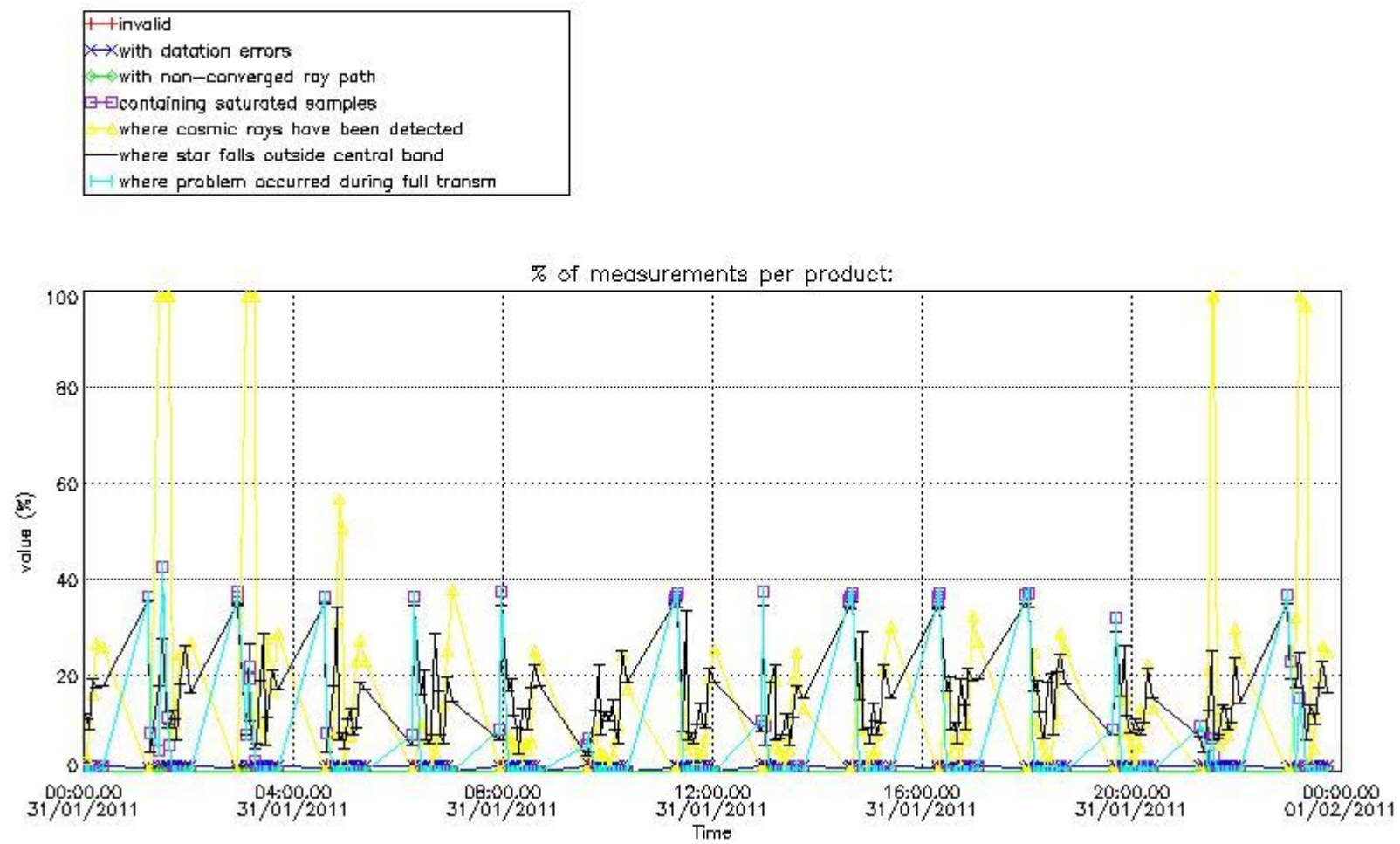


4. Level 1 quality information per product

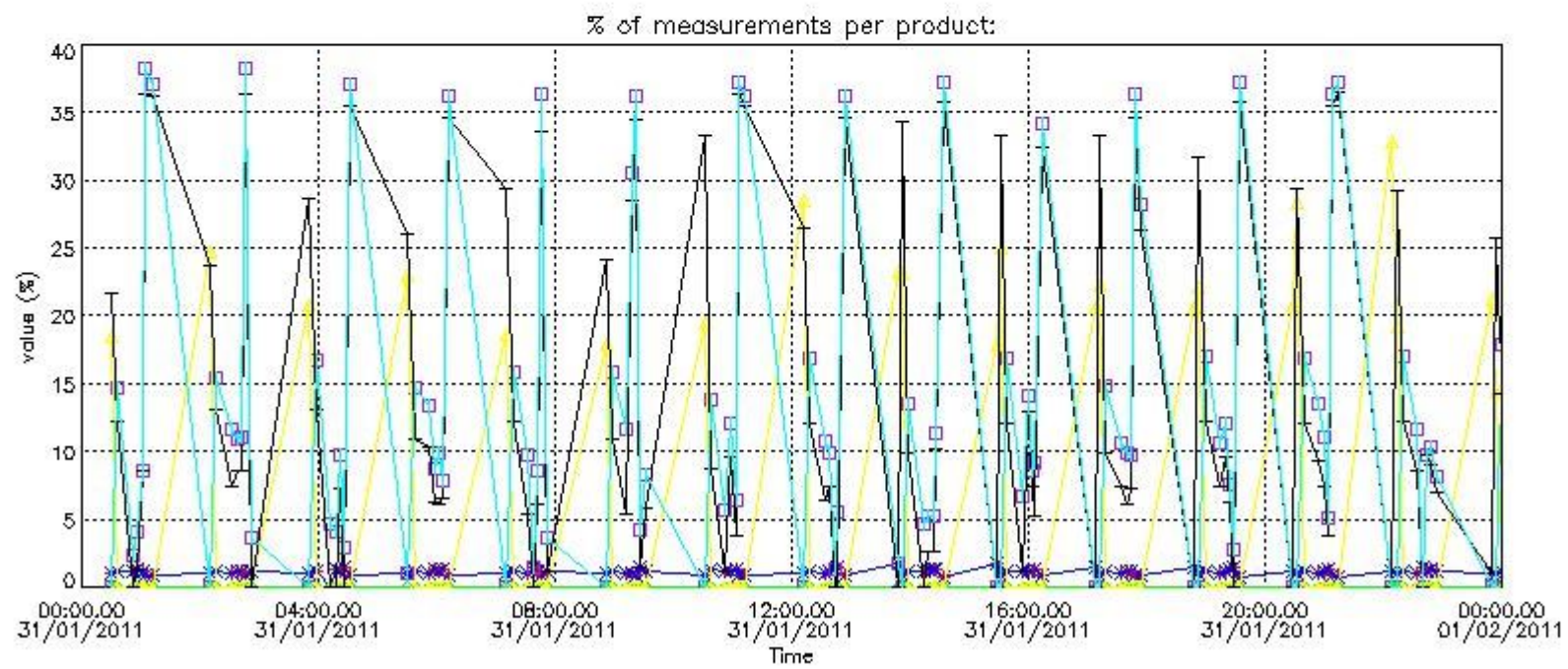
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

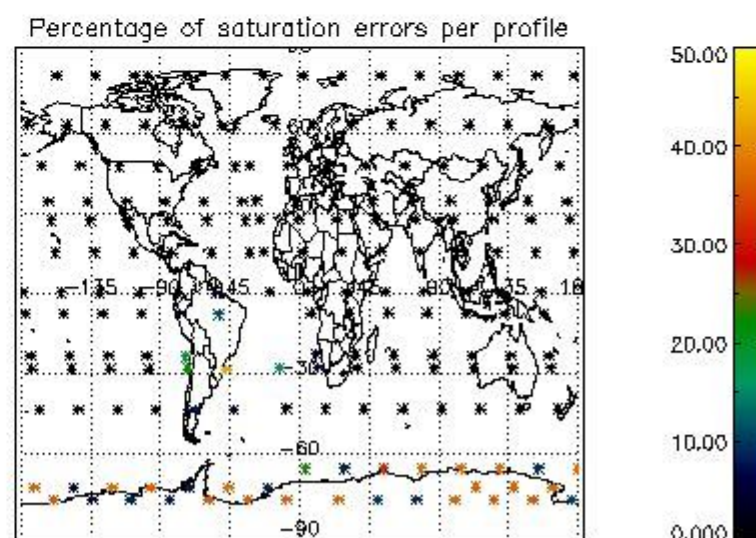
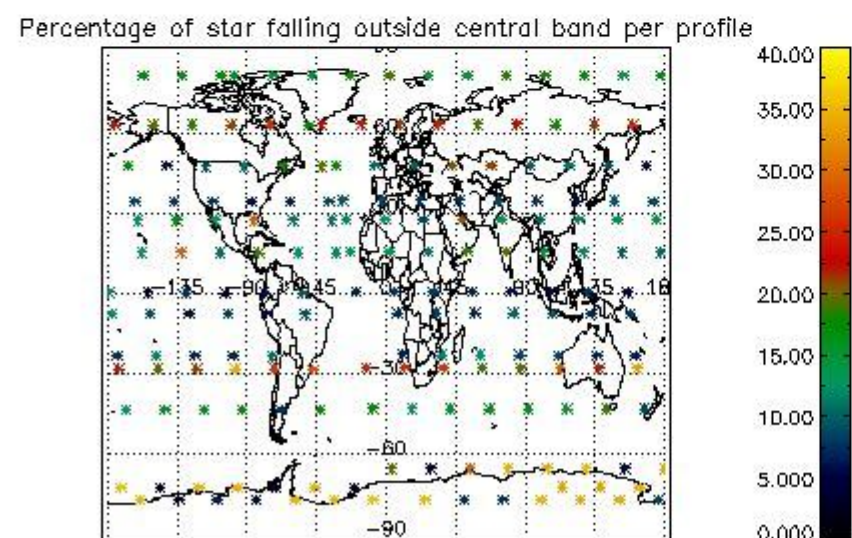
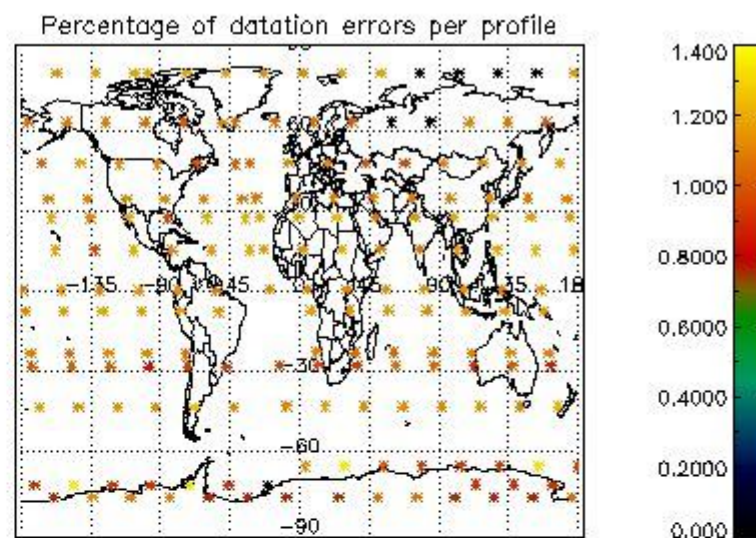
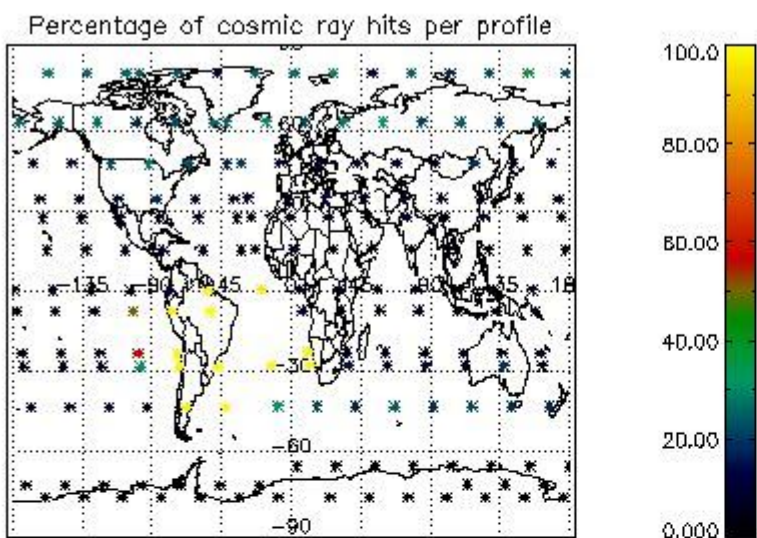


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

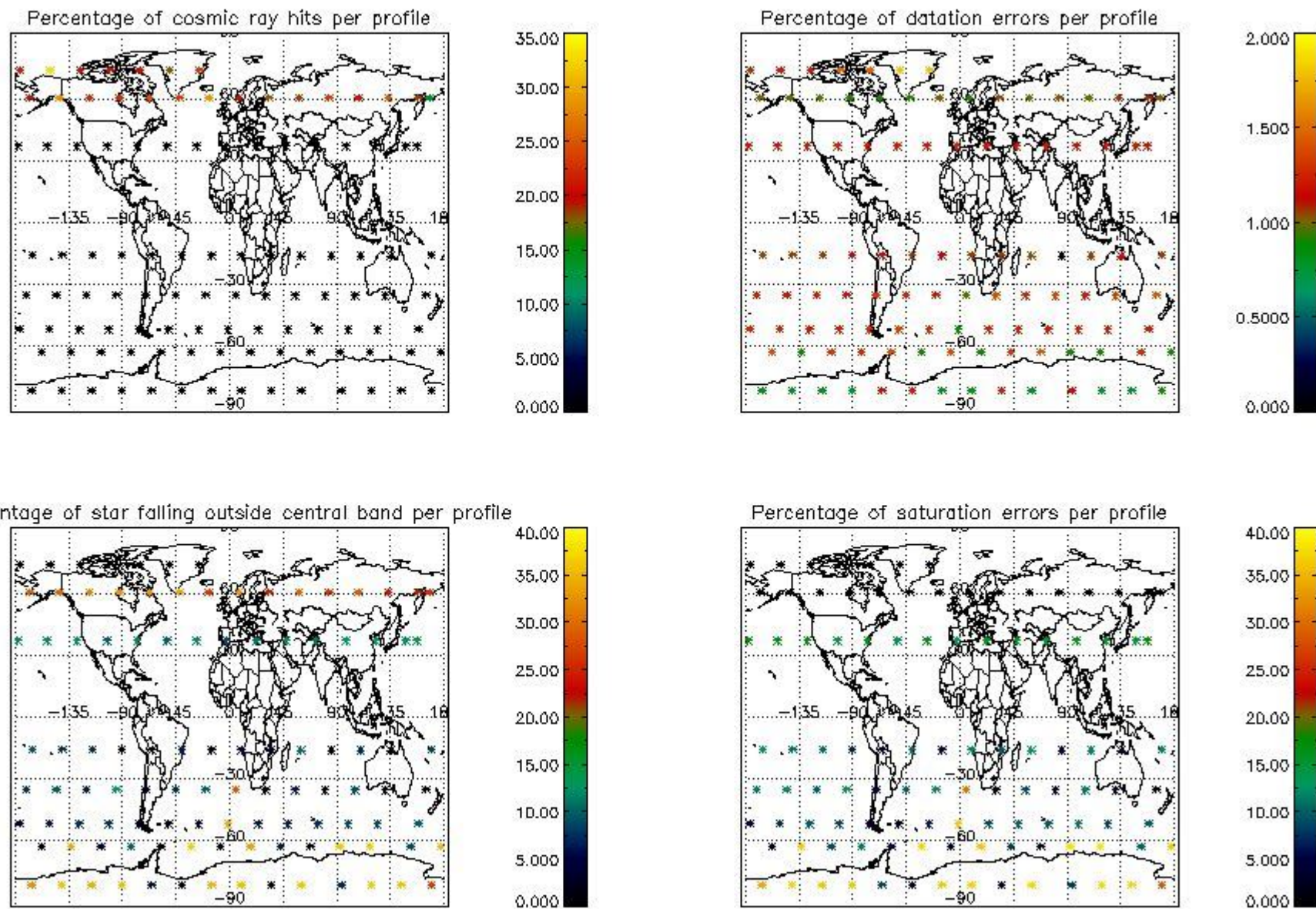


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

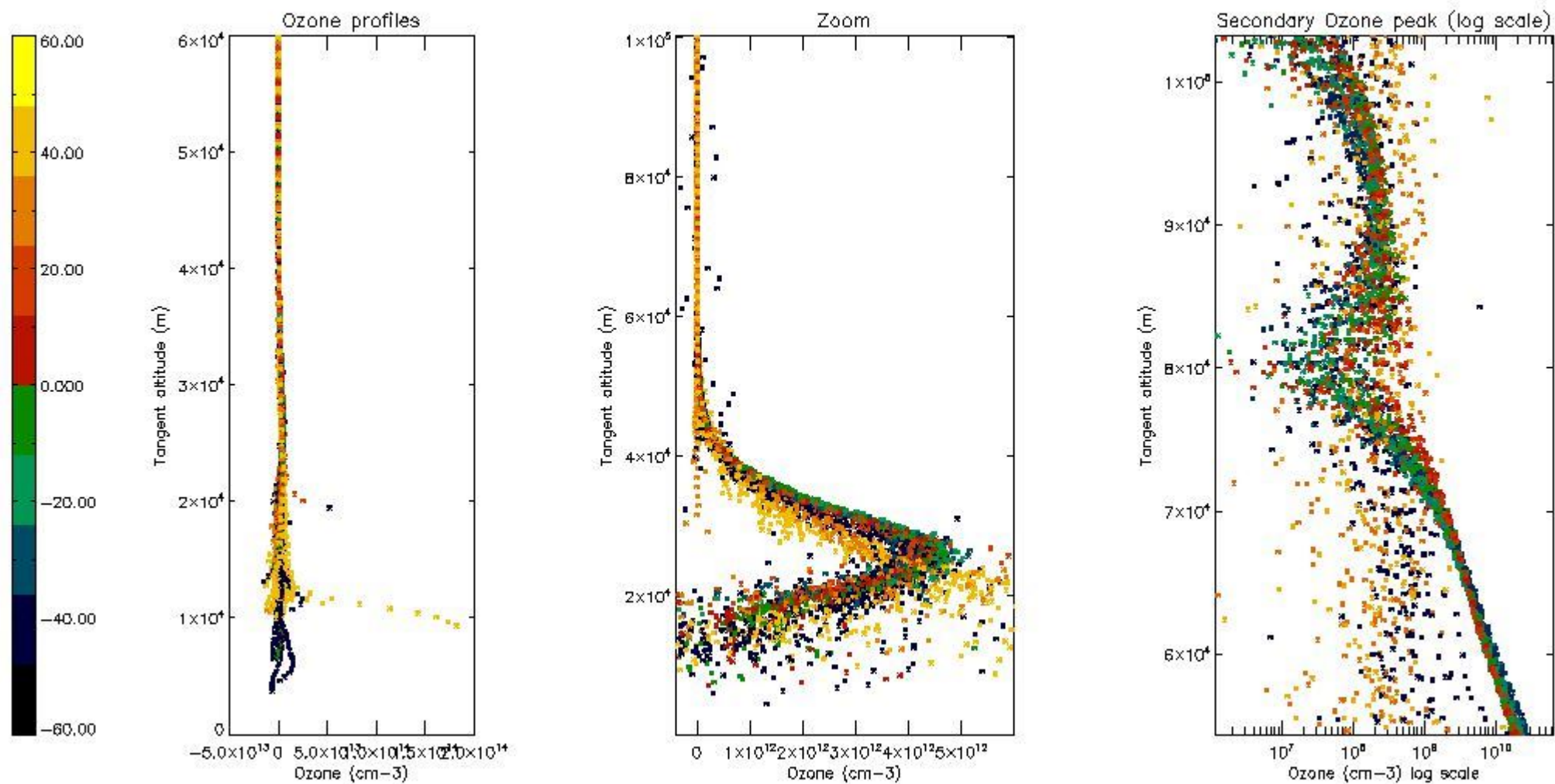
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	44
STD < 20	22

STD < 10	17
STD < 5	12

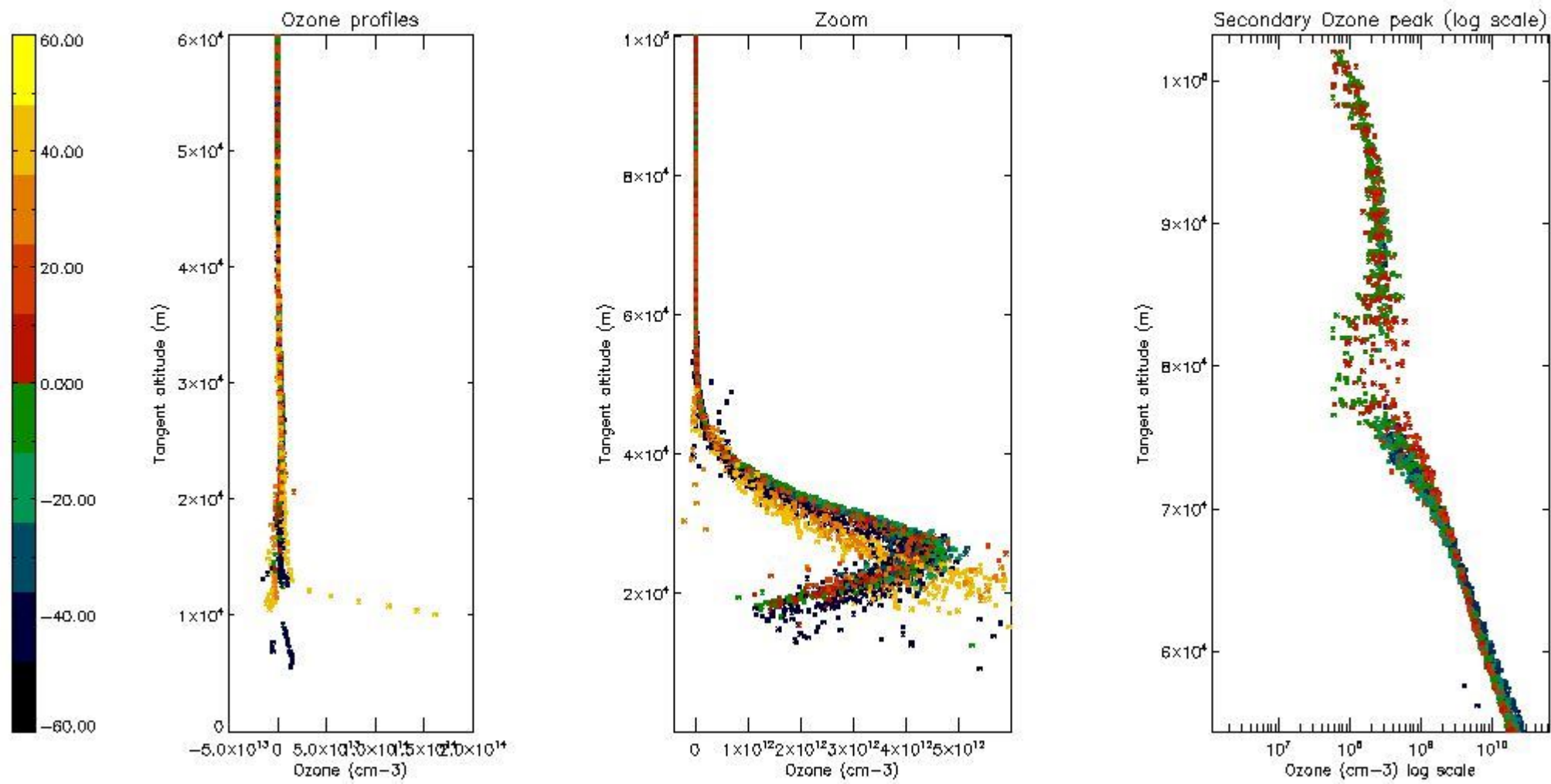
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



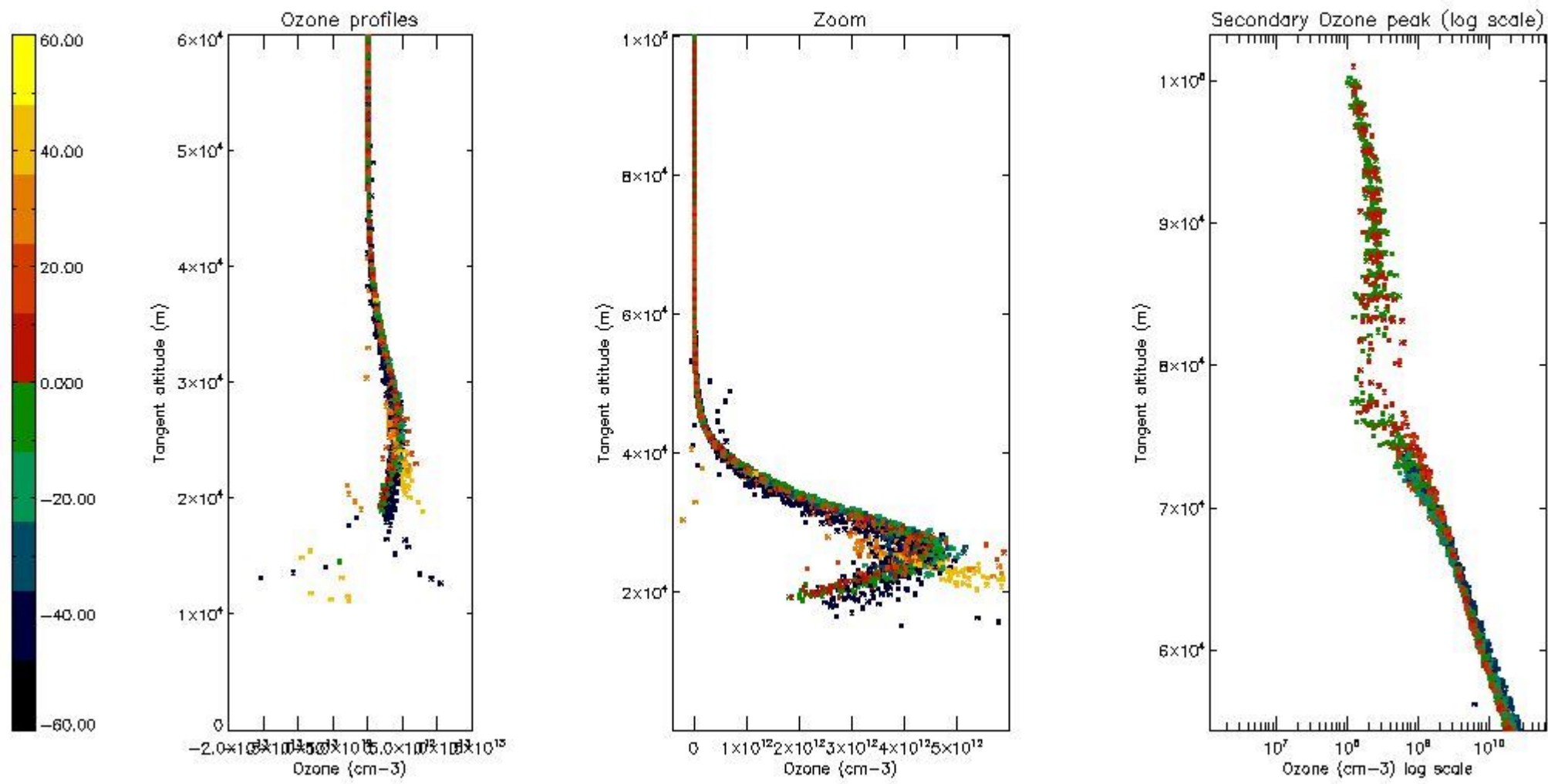
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



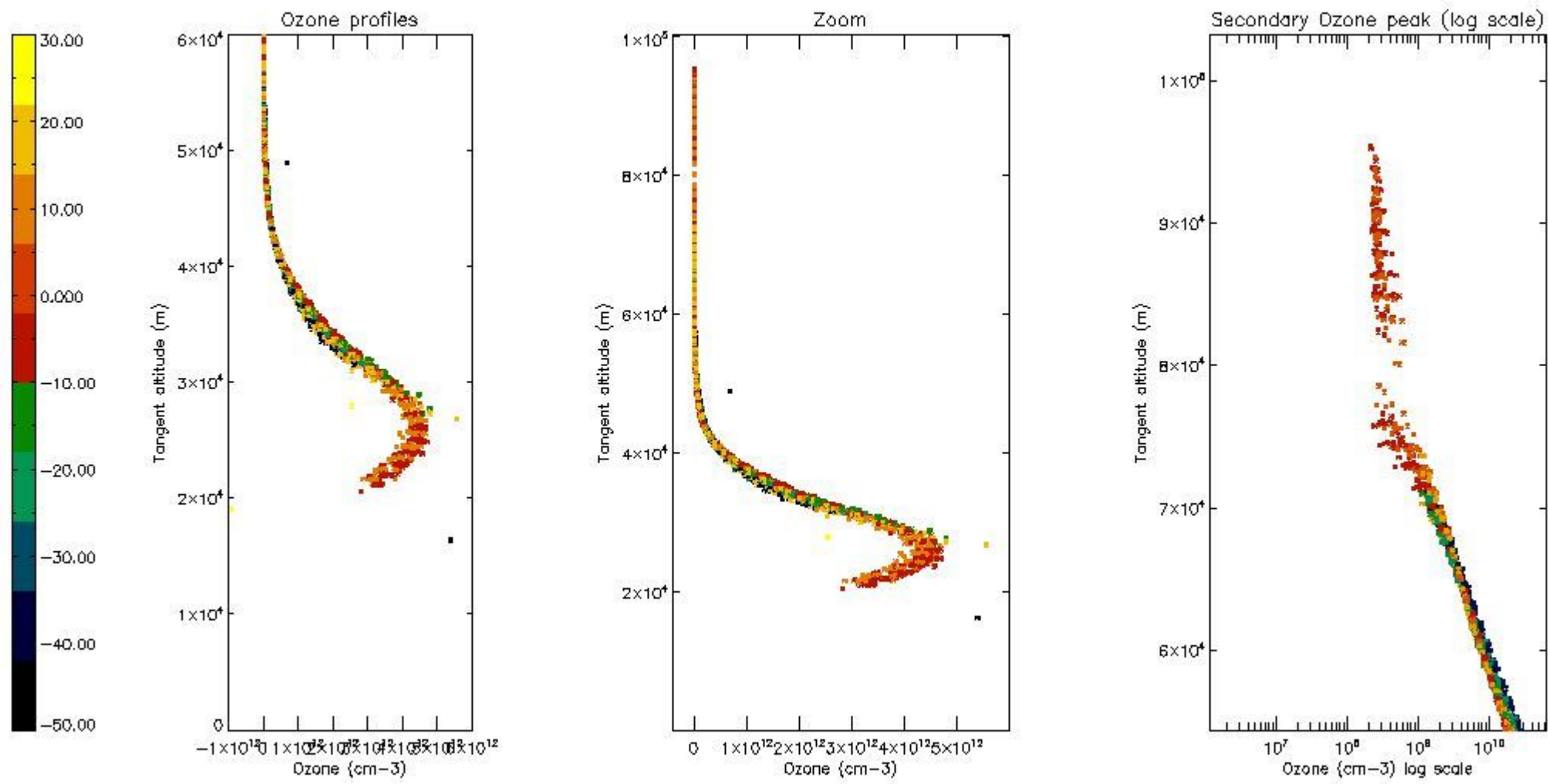
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



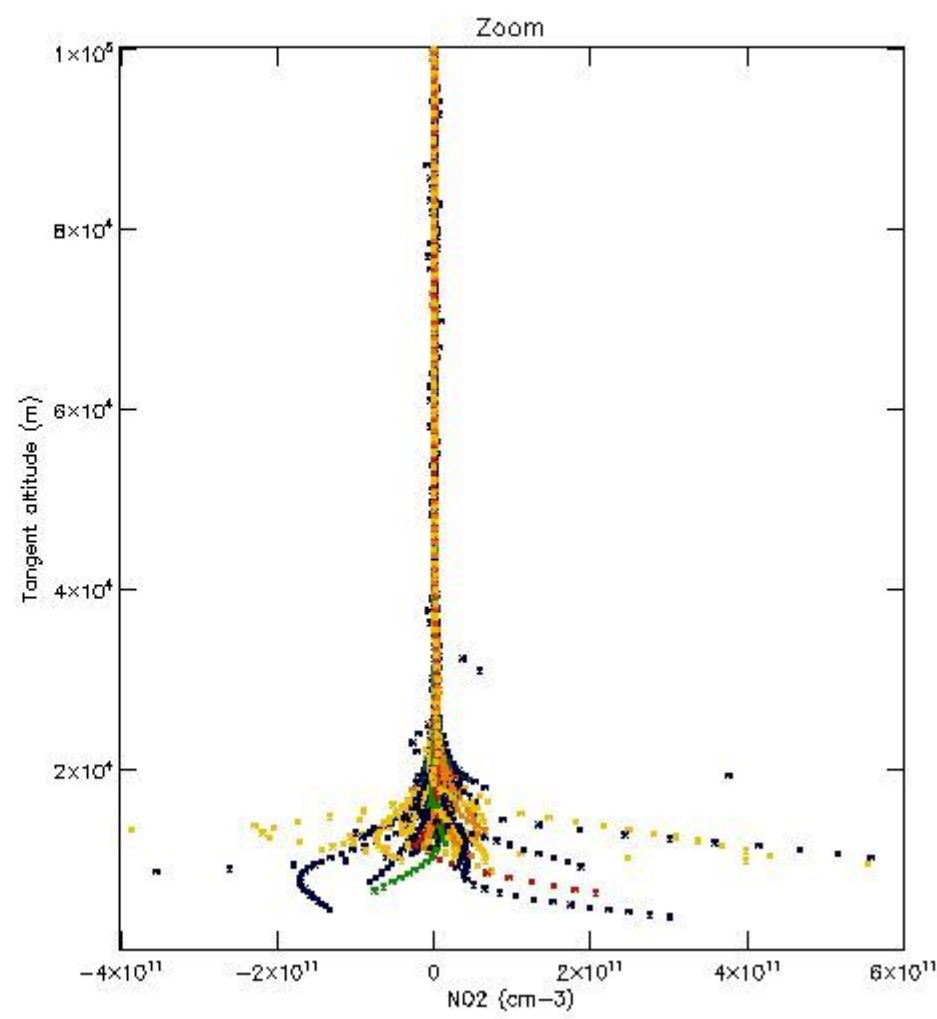
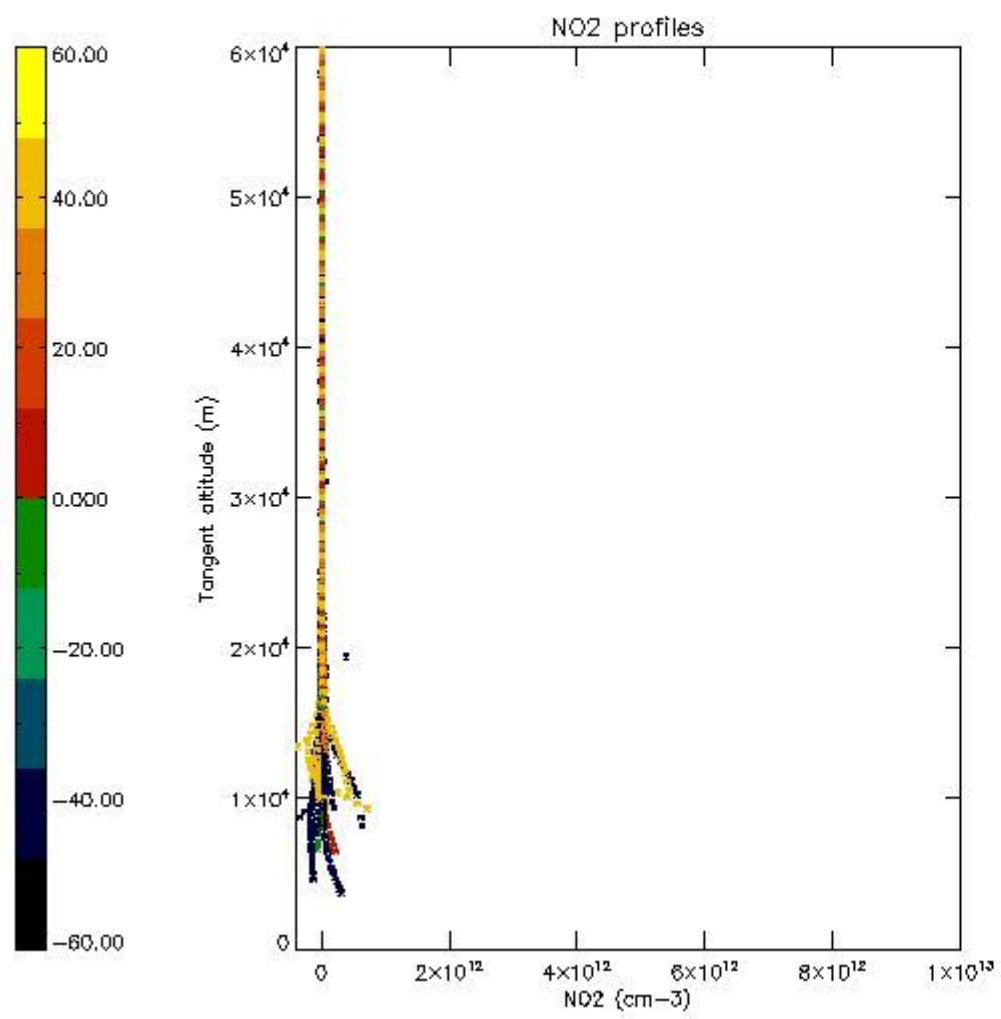
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



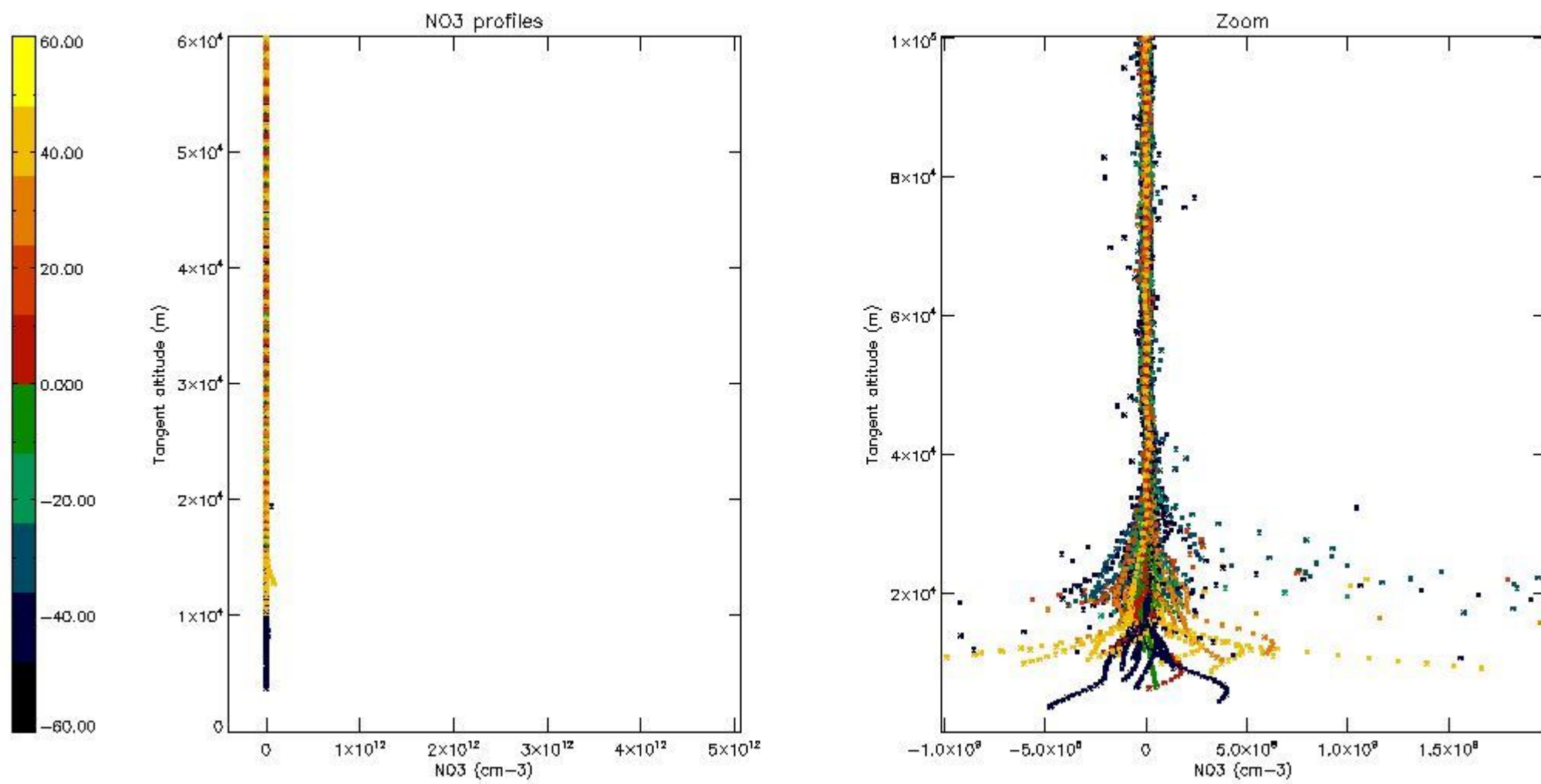
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



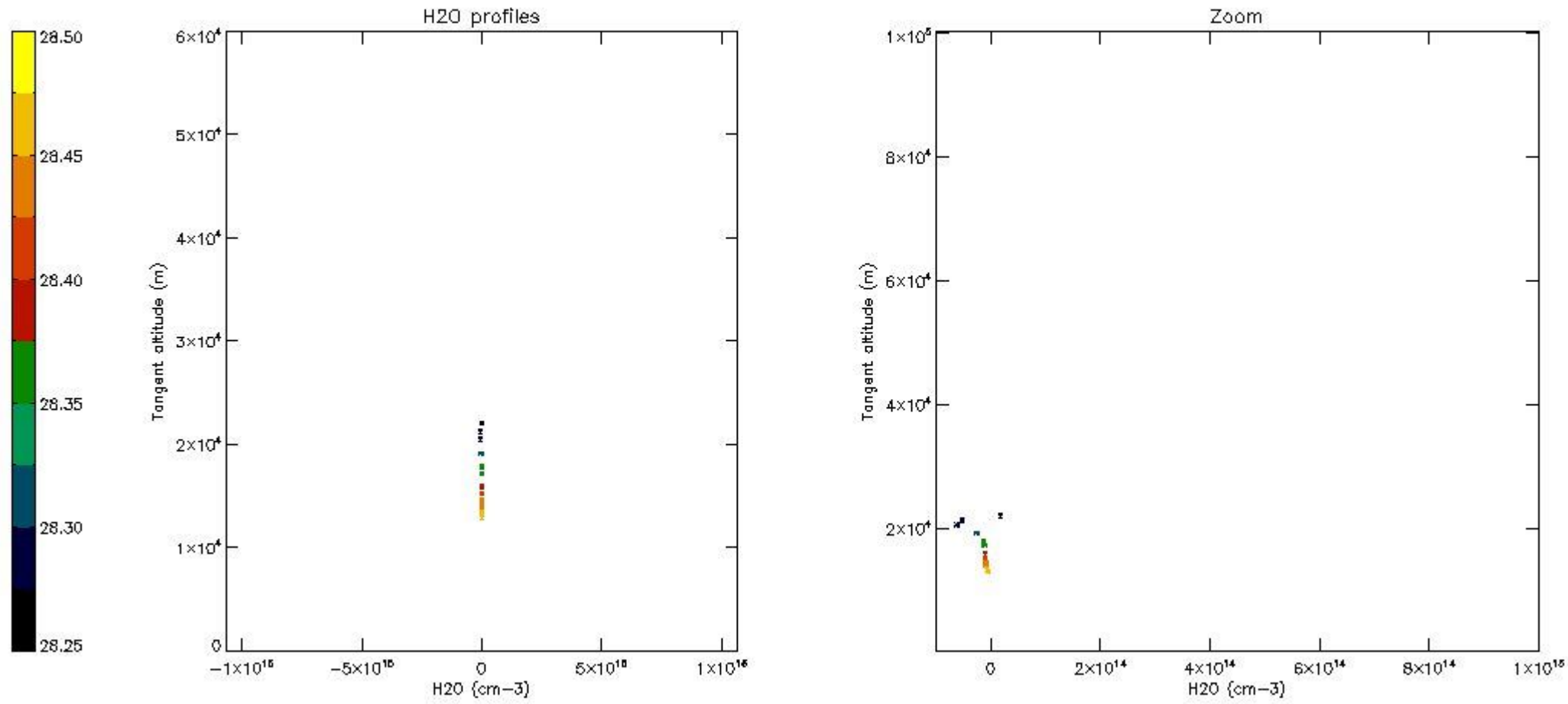
5.7 Plot NO3 profiles for all STD (dark without errors)

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	31-JAN-2011 00:01:14
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	31-JAN-2011 00:01:14
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	31-JAN-2011 00:01:14

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 09:49:34
Data source version	GOMOS/6.01
Start time of products	31-01-2011 (31JAN2011 00:00:00)
Stop time of products	01-02-2011 (01FEB2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	296
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__2PRFIN20110131_000114_000000423099_00074_46640_4041.N1	31-JAN-2011 00:01:14	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46640	No
2	GOM_NL__2PRFIN20110131_000437_000000423099_00074_46640_4042.N1	31-JAN-2011 00:04:37	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46640	No
3	GOM_NL__2PRFIN20110131_000635_000000473099_00074_46640_4043.N1	31-JAN-2011 00:06:35	Dark	46.500	99	Del Cen	2.5750	26000.	93	46640	No
4	GOM_NL__2PRFIN20110131_001019_000000503099_00074_46640_4044.N1	31-JAN-2011 00:10:19	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	46640	No
5	GOM_NL__2PRFIN20110131_001446_000000463099_00074_46640_4045.N1	31-JAN-2011 00:14:46	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	46640	No
6	GOM_NL__2PRFIN20110131_002114_000000433099_00074_46640_4046.N1	31-JAN-2011 00:21:14	Straylight	42.500	132	15Rho Pup	2.8030	6900.0	85	46640	No
7	GOM_NL__2PRFIN20110131_002959_000000463099_00074_46640_4047.N1	31-JAN-2011 00:29:59	Twilight	46.000	8	10Alp CMi	0.40000	6500.0	92	46640	No
8	GOM_NL__2PRFIN20110131_003641_000000413099_00074_46640_4048.N1	31-JAN-2011 00:36:41	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46640	No
9	GOM_NL__2PRFIN20110131_005133_000000433099_00074_46640_4049.N1	31-JAN-2011 00:51:33	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	46640	No
10	GOM_NL__2PRFIN20110131_005656_000000383099_00074_46640_4050.N1	31-JAN-2011 00:56:56	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	46640	No
11	GOM_NL__2PRFIN20110131_010138_000000413099_00074_46640_4051.N1	31-JAN-2011 01:01:38	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46640	No
12	GOM_NL__2PRFIN20110131_010446_000000553099_00074_46640_4052.N1	31-JAN-2011 01:04:46	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46640	No
13	GOM_NL__2PRFIN20110131_011123_000000623099_00074_46640_4053.N1	31-JAN-2011 01:11:23	Bright	62.000	133	40Zet Her	2.8070	6000.0	124	46640	No
14	GOM_NL__2PRFIN20110131_011457_000000663099_00074_46640_4054.N1	31-JAN-2011 01:14:57	Bright	66.000	127	27Bet Her	2.7810	4700.0	132	46640	No
15	GOM_NL__2PRFIN20110131_011631_000000373099_00074_46640_4055.N1	31-JAN-2011 01:16:31	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	46640	No
16	GOM_NL__2PRFIN20110131_012504_000000453099_00074_46640_4056.N1	31-JAN-2011 01:25:04	Twilight	45.000	86	35Eta Oph	2.4300	10200.	90	46640	No
17	GOM_NL__2PRFIN20110131_012919_000000543099_00074_46640_4057.N1	31-JAN-2011 01:29:19	Dark	54.000	16	21Alp Sco	1.0200	3000.0	108	46640	No
18	GOM_NL__2PRFIN20110131_013504_000000443099_00074_46640_4058.N1	31-JAN-2011 01:35:04	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46640	No
19	GOM_NL__2PRFIN20110131_013716_000000473099_00075_46641_4052.N1	31-JAN-2011 01:37:16	Dark	46.500	109	Bet Lup	2.6770	26000.	93	46641	No
20	GOM_NL__2PRFIN20110131_014128_000000433099_00075_46641_4053.N1	31-JAN-2011 01:41:28	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46641	No
21	GOM_NL__2PRFIN20110131_014452_000000423099_00075_46641_4054.N1	31-JAN-2011 01:44:52	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46641	No
22	GOM_NL__2PRFIN20110131_014649_000000463099_00075_46641_4055.N1	31-JAN-2011 01:46:49	Dark	45.500	99	Del Cen	2.5750	26000.	91	46641	No
23	GOM_NL__2PRFIN20110131_015034_000000503099_00075_46641_4056.N1	31-JAN-2011 01:50:34	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	46641	No
24	GOM_NL__2PRFIN20110131_015501_000000503099_00075_46641_4057.N1	31-JAN-2011 01:55:01	Dark	50.000	65	Lam Vel	2.2040	4400.0	100	46641	No
25	GOM_NL__2PRFIN20110131_020128_000000433099_00075_46641_4058.N1	31-JAN-2011 02:01:28	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46641	No
26	GOM_NL__2PRFIN20110131_021014_000000473099_00075_46641_4059.N1	31-JAN-2011 02:10:14	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	46641	No
27	GOM_NL__2PRFIN20110131_021654_000000423099_00075_46641_4060.N1	31-JAN-2011 02:16:54	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46641	No
28	GOM_NL__2PRFIN20110131_023147_000000483099_00075_46641_4061.N1	31-JAN-2011 02:31:47	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	46641	No
29	GOM_NL__2PRFIN20110131_023710_000000413099_00075_46641_4062.N1	31-JAN-2011 02:37:10	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	46641	No
30	GOM_NL__2PRFIN20110131_024151_000000413099_00075_46641_4063.N1	31-JAN-2011 02:41:51	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46641	No
31	GOM_NL__2PRFIN20110131_024500_000000553099_00075_46641_4064.N1	31-JAN-2011 02:45:00	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46641	No
32	GOM_NL__2PRFIN20110131_025137_000000413099_00075_46641_4065.N1	31-JAN-2011 02:51:37	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	46641	No
33	GOM_NL__2PRFIN20110131_025512_000000663099_00075_46641_4066.N1	31-JAN-2011 02:55:12	Bright	66.000	127	27Bet Her	2.7810	4700.0	132	46641	No
34	GOM_NL__2PRFIN20110131_025645_000000553099_00075_46641_4067.N1	31-JAN-2011 02:56:45	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46641	No
35	GOM_NL__2PRFIN20110131_030518_000000403099_00075_46641_4068.N1	31-JAN-2011 03:05:18	Twilight	40.000	86	35Eta Oph	2.4300	10200.	80	46641	No
36	GOM_NL__2PRFIN20110131_030934_000000533099_00075_46641_4069.N1	31-JAN-2011 03:09:34	Dark	53.000	16	21Alp Sco	1.0200	3000.0	106	46641	No
37	GOM_NL__2PRFIN20110131_031055_000000473099_00075_46641_4070.N1	31-JAN-2011 03:10:55	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46641	No
38	GOM_NL__2PRFIN20110131_031519_000000433099_00075_46641_4071.N1	31-JAN-2011 03:15:19	Dark	42.500	131	Gam Lup	2.8000	26000.	85	46641	No
39	GOM_NL__2PRFIN20110131_031731_000000443099_00076_46642_4084.N1	31-JAN-2011 03:17:31	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46642	No
40	GOM_NL__2PRFIN20110131_032143_000000453099_00076_46642_4085.N1	31-JAN-2011 03:21:43	Dark	45.000	10	Bet Cen	0.61000	28000.	90	46642	No
41	GOM_NL__2PRFIN20110131_032506_000000523099_00076_46642_4086.N1	31-JAN-2011 03:25:06	Dark	52.000	12	Alp1Cru	0.77500	30000.	104	46642	No
42	GOM_NL__2PRFIN20110131_032704_000000453099_00076_46642_4087.N1	31-JAN-2011 03:27:04	Dark	44.500	99	Del Cen	2.5750	26000.	89	46642	No

43	GOM_NL__2PRFIN20110131_033048_000000453099_00076_46642_4088.N1	31-JAN-2011 03:30:48	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46642	No
44	GOM_NL__2PRFIN20110131_033515_000000483099_00076_46642_4089.N1	31-JAN-2011 03:35:15	Dark	47.500	65	Lam Vel	2.2040	4400.0	95	46642	No
45	GOM_NL__2PRFIN20110131_034143_000000443099_00076_46642_4090.N1	31-JAN-2011 03:41:43	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46642	No
46	GOM_NL__2PRFIN20110131_035028_000000513099_00076_46642_4091.N1	31-JAN-2011 03:50:28	Tw_i_and_stray	50.500	8	10Alp CMi	0.40000	6500.0	101	46642	No
47	GOM_NL__2PRFIN20110131_035708_000000423099_00076_46642_4092.N1	31-JAN-2011 03:57:08	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46642	No
48	GOM_NL__2PRFIN20110131_041200_000000433099_00076_46642_4093.N1	31-JAN-2011 04:12:00	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	46642	No
49	GOM_NL__2PRFIN20110131_041724_000000373099_00076_46642_4094.N1	31-JAN-2011 04:17:24	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46642	No
50	GOM_NL__2PRFIN20110131_042205_000000413099_00076_46642_4095.N1	31-JAN-2011 04:22:05	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	46642	No
51	GOM_NL__2PRFIN20110131_042514_000000353099_00076_46642_4096.N1	31-JAN-2011 04:25:14	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	46642	No
52	GOM_NL__2PRFIN20110131_043151_000000623099_00076_46642_4097.N1	31-JAN-2011 04:31:51	Bright	62.000	133	40Zet Her	2.8070	6000.0	124	46642	No
53	GOM_NL__2PRFIN20110131_043526_000000663099_00076_46642_4098.N1	31-JAN-2011 04:35:26	Bright	66.000	127	27Bet Her	2.7810	4700.0	132	46642	No
54	GOM_NL__2PRFIN20110131_043700_000000383099_00076_46642_4099.N1	31-JAN-2011 04:37:00	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	46642	No
55	GOM_NL__2PRFIN20110131_044533_000000453099_00076_46642_4100.N1	31-JAN-2011 04:45:33	Tw_i_and_stray	45.000	86	35Eta Oph	2.4300	10200.	90	46642	No
56	GOM_NL__2PRFIN20110131_044949_000000603099_00076_46642_4101.N1	31-JAN-2011 04:49:49	Dark	60.000	16	21Alp Sco	1.0200	3000.0	120	46642	No
57	GOM_NL__2PRFIN20110131_045110_000000453099_00076_46642_4102.N1	31-JAN-2011 04:51:10	Dark	45.000	158	6Pi Sco	2.9060	28000.	90	46642	No
58	GOM_NL__2PRFIN20110131_045534_000000443099_00076_46642_4103.N1	31-JAN-2011 04:55:34	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46642	No
59	GOM_NL__2PRFIN20110131_045746_000000443099_00077_46643_4094.N1	31-JAN-2011 04:57:46	Dark	43.500	109	Bet Lup	2.6770	26000.	87	46643	No
60	GOM_NL__2PRFIN20110131_050157_000000423099_00077_46643_4095.N1	31-JAN-2011 05:01:57	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46643	No
61	GOM_NL__2PRFIN20110131_050521_000000423099_00077_46643_4096.N1	31-JAN-2011 05:05:21	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46643	No
62	GOM_NL__2PRFIN20110131_050719_000000463099_00077_46643_4097.N1	31-JAN-2011 05:07:19	Dark	45.500	99	Del Cen	2.5750	26000.	91	46643	No
63	GOM_NL__2PRFIN20110131_051103_000000443099_00077_46643_4098.N1	31-JAN-2011 05:11:03	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	46643	No
64	GOM_NL__2PRFIN20110131_051529_000000463099_00077_46643_4099.N1	31-JAN-2011 05:15:29	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	46643	No
65	GOM_NL__2PRFIN20110131_052157_000000443099_00077_46643_4100.N1	31-JAN-2011 05:21:57	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46643	No
66	GOM_NL__2PRFIN20110131_053042_000000483099_00077_46643_4101.N1	31-JAN-2011 05:30:42	Tw_i_and_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	46643	No
67	GOM_NL__2PRFIN20110131_053722_000000413099_00077_46643_4102.N1	31-JAN-2011 05:37:22	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46643	No
68	GOM_NL__2PRFIN20110131_055214_000000493099_00077_46643_4103.N1	31-JAN-2011 05:52:14	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	46643	No
69	GOM_NL__2PRFIN20110131_055738_000000403099_00077_46643_4104.N1	31-JAN-2011 05:57:38	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46643	No
70	GOM_NL__2PRFIN20110131_060219_000000413099_00077_46643_4105.N1	31-JAN-2011 06:02:19	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46643	No
71	GOM_NL__2PRFIN20110131_060528_000000383099_00077_46643_4106.N1	31-JAN-2011 06:05:28	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46643	No
72	GOM_NL__2PRFIN20110131_061205_000000623099_00077_46643_4107.N1	31-JAN-2011 06:12:05	Bright	62.000	133	40Zet Her	2.8070	6000.0	124	46643	No
73	GOM_NL__2PRFIN20110131_061541_000000463099_00077_46643_4108.N1	31-JAN-2011 06:15:41	Bright	45.500	127	27Bet Her	2.7810	4700.0	91	46643	No
74	GOM_NL__2PRFIN20110131_061714_000000553099_00077_46643_4109.N1	31-JAN-2011 06:17:14	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46643	No
75	GOM_NL__2PRFIN20110131_062547_000000443099_00077_46643_4110.N1	31-JAN-2011 06:25:47	Tw_i_and_stray	44.000	86	35Eta Oph	2.4300	10200.	88	46643	No
76	GOM_NL__2PRFIN20110131_063003_000000503099_00077_46643_4111.N1	31-JAN-2011 06:30:03	Dark	49.500	16	21Alp Sco	1.0200	3000.0	99	46643	No
77	GOM_NL__2PRFIN20110131_063125_000000453099_00077_46643_4112.N1	31-JAN-2011 06:31:25	Dark	45.000	158	6Pi Sco	2.9060	28000.	90	46643	No
78	GOM_NL__2PRFIN20110131_063549_000000433099_00077_46643_4113.N1	31-JAN-2011 06:35:49	Dark	42.500	131	Gam Lup	2.8000	26000.	85	46643	No
79	GOM_NL__2PRFIN20110131_063801_000000453099_00078_46644_4104.N1	31-JAN-2011 06:38:01	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46644	No
80	GOM_NL__2PRFIN20110131_064212_000000523099_00078_46644_4105.N1	31-JAN-2011 06:42:12	Dark	52.000	10	Bet Cen	0.61000	28000.	104	46644	No
81	GOM_NL__2PRFIN20110131_064535_000000453099_00078_46644_4106.N1	31-JAN-2011 06:45:35	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	46644	No
82	GOM_NL__2PRFIN20110131_064734_000000463099_00078_46644_4107.N1	31-JAN-2011 06:47:34	Dark	45.500	99	Del Cen	2.5750	26000.	91	46644	No
83	GOM_NL__2PRFIN20110131_065118_000000433099_00078_46644_4108.N1	31-JAN-2011 06:51:18	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	46644	No
84	GOM_NL__2PRFIN20110131_065544_000000463099_00078_46644_4109.N1	31-JAN-2011 06:55:44	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	46644	No
85	GOM_NL__2PRFIN20110131_070211_000000413099_00078_46644_4110.N1	31-JAN-2011 07:02:11	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	46644	No
86	GOM_NL__2PRFIN20110131_071056_000000513099_00078_46644_4111.N1	31-JAN-2011 07:10:56	Tw_i_and_stray	51.000	8	10Alp CMi	0.40000	6500.0	102	46644	No
87	GOM_NL__2PRFIN20110131_071736_000000413099_00078_46644_4112.N1	31-JAN-2011 07:17:36	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46644	No
88	GOM_NL__2PRFIN20110131_073227_000000473099_00078_46644_4113.N1	31-JAN-2011 07:32:27	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46644	No
89	GOM_NL__2PRFIN20110131_073752_000000363099_00078_46644_4114.N1	31-JAN-2011 07:37:52	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46644	No
90	GOM_NL__2PRFIN20110131_074233_000000413099_00078_46644_4115.N1	31-JAN-2011 07:42:33	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46644	No
91	GOM_NL__2PRFIN20110131_074542_000000553099_00078_46644_4116.N1	31-JAN-2011 07:45:42	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46644	No
92	GOM_NL__2PRFIN20110131_075219_000000413099_00078_46644_4117.N1	31-JAN-2011 07:52:19	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	46644	No
93	GOM_NL__2PRFIN20110131_075555_000000463099_00078_46644_4118.N1	31-JAN-2011 07:55:55	Bright	46.000	127	27Bet Her	2.7810	4700.0	92	46644	No
94	GOM_NL__2PRFIN20110131_075729_000000553099_00078_46644_4119.N1	31-JAN-2011 07:57:29	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46644	No
95	GOM_NL__2PRFIN20110131_080602_000000453099_00078_46644_4120.N1	31-JAN-2011 08:06:02	Tw_i_and_stray	45.000	86	35Eta Oph	2.4300	10200.	90	46644	No
96	GOM_NL__2PRFIN20110131_081018_000000493099_00078_46644_4121.N1	31-JAN-2011 08:10:18	Dark	49.000	16	21Alp Sco	1.0200	3000.0	98	46644	No
97	GOM_NL__2PRFIN20110131_081140_000000483099_00078_46644_4122.N1	31-JAN-2011 08:11:40	Dark	47.500	158	6Pi Sco	2.9060	28000.	95	46644	No
98	GOM_NL__2PRFIN20110131_081604_000000443099_00078_46644_4123.N1	31-JAN-2011 08:16:04	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46644	No
99	GOM_NL__2PRFIN20110131_081816_000000433099_00079_46645_4128.N1	31-JAN-2011 08:18:16	Dark	43.000	109	Bet Lup	2.6770	26000.	86	46645	No
100	GOM_NL__2PRFIN20110131_082227_000000433099_00079_46645_4129.N1	31-JAN-2011 08:22:27	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46645	No
101	GOM_NL__2PRFIN20110131_082550_000000423099_00079_46645_4130.N1	31-JAN-2011 08:25:50	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46645	No

102	GOM_NL__2PRFIN20110131_082749_000000463099_00079_46645_4131.N1	31-JAN-2011 08:27:49	Dark	46.000	99	Del Cen	2.5750	26000.	92	46645	No
103	GOM_NL__2PRFIN20110131_083132_000000493099_00079_46645_4132.N1	31-JAN-2011 08:31:32	Dark	48.500	113	Mu Vel	2.6920	5000.0	97	46645	No
104	GOM_NL__2PRFIN20110131_083558_000000483099_00079_46645_4133.N1	31-JAN-2011 08:35:58	Dark	47.500	65	Lam Vel	2.2040	4400.0	95	46645	No
105	GOM_NL__2PRFIN20110131_084226_000000433099_00079_46645_4134.N1	31-JAN-2011 08:42:26	Straylight	42.500	132	15Rho Pup	2.8030	6900.0	85	46645	No
106	GOM_NL__2PRFIN20110131_085110_000000483099_00079_46645_4135.N1	31-JAN-2011 08:51:10	Tw_i_and_stray	47.500	8	10Alp CMi	0.40000	6500.0	95	46645	No
107	GOM_NL__2PRFIN20110131_085750_000000413099_00079_46645_4136.N1	31-JAN-2011 08:57:50	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46645	No
108	GOM_NL__2PRFIN20110131_091240_000000473099_00079_46645_4137.N1	31-JAN-2011 09:12:40	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46645	No
109	GOM_NL__2PRFIN20110131_091806_000000533099_00079_46645_4138.N1	31-JAN-2011 09:18:06	Bright	52.500	60	7Bet UMi	2.0810	3950.0	105	46645	No
110	GOM_NL__2PRFIN20110131_092247_000000583099_00079_46645_4139.N1	31-JAN-2011 09:22:47	Bright	58.000	119	14Eta Dra	2.7270	4700.0	116	46645	No
111	GOM_NL__2PRFIN20110131_092556_000000363099_00079_46645_4140.N1	31-JAN-2011 09:25:56	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	46645	No
112	GOM_NL__2PRFIN20110131_093234_000000433099_00079_46645_4141.N1	31-JAN-2011 09:32:34	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	46645	No
113	GOM_NL__2PRFIN20110131_093609_000000453099_00079_46645_4142.N1	31-JAN-2011 09:36:09	Bright	44.500	127	27Bet Her	2.7810	4700.0	89	46645	No
114	GOM_NL__2PRFIN20110131_093743_000000373099_00079_46645_4143.N1	31-JAN-2011 09:37:43	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	46645	No
115	GOM_NL__2PRFIN20110131_094616_000000433099_00079_46645_4144.N1	31-JAN-2011 09:46:16	Tw_i_and_stray	43.000	86	35Eta Oph	2.4300	10200.	86	46645	No
116	GOM_NL__2PRFIN20110131_095033_000000503099_00079_46645_4145.N1	31-JAN-2011 09:50:33	Dark	50.000	16	21Alp Sco	1.0200	3000.0	100	46645	No
117	GOM_NL__2PRFIN20110131_095155_000000463099_00079_46645_4146.N1	31-JAN-2011 09:51:55	Dark	46.000	158	6Pi Sco	2.9060	28000.	92	46645	No
118	GOM_NL__2PRFIN20110131_095618_000000453099_00079_46645_4147.N1	31-JAN-2011 09:56:18	Dark	45.000	131	Gam Lup	2.8000	26000.	90	46645	No
119	GOM_NL__2PRFIN20110131_095831_000000483099_00080_46646_4174.N1	31-JAN-2011 09:58:31	Dark	47.500	109	Bet Lup	2.6770	26000.	95	46646	No
120	GOM_NL__2PRFIN20110131_100241_000000423099_00080_46646_4175.N1	31-JAN-2011 10:02:41	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46646	No
121	GOM_NL__2PRFIN20110131_100604_000000443099_00080_46646_4176.N1	31-JAN-2011 10:06:04	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	46646	No
122	GOM_NL__2PRFIN20110131_100803_000000463099_00080_46646_4177.N1	31-JAN-2011 10:08:03	Dark	45.500	99	Del Cen	2.5750	26000.	91	46646	No
123	GOM_NL__2PRFIN20110131_101147_000000433099_00080_46646_4178.N1	31-JAN-2011 10:11:47	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	46646	No
124	GOM_NL__2PRFIN20110131_101612_000000503099_00080_46646_4179.N1	31-JAN-2011 10:16:12	Dark	49.500	65	Lam Vel	2.2040	4400.0	99	46646	No
125	GOM_NL__2PRFIN20110131_102240_000000443099_00080_46646_4180.N1	31-JAN-2011 10:22:40	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46646	No
126	GOM_NL__2PRFIN20110131_103124_000000543099_00080_46646_4181.N1	31-JAN-2011 10:31:24	Tw_i_and_stray	54.000	8	10Alp CMi	0.40000	6500.0	108	46646	No
127	GOM_NL__2PRFIN20110131_103804_000000403099_00080_46646_4182.N1	31-JAN-2011 10:38:04	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	46646	No
128	GOM_NL__2PRFIN20110131_105254_000000443099_00080_46646_4183.N1	31-JAN-2011 10:52:54	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	46646	No
129	GOM_NL__2PRFIN20110131_105819_000000423099_00080_46646_4184.N1	31-JAN-2011 10:58:19	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46646	No
130	GOM_NL__2PRFIN20110131_110301_000000403099_00080_46646_4185.N1	31-JAN-2011 11:03:01	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46646	No
131	GOM_NL__2PRFIN20110131_110610_000000553099_00080_46646_4186.N1	31-JAN-2011 11:06:10	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46646	No
132	GOM_NL__2PRFIN20110131_111248_000000623099_00080_46646_4187.N1	31-JAN-2011 11:12:48	Bright	62.000	133	40Zet Her	2.8070	6000.0	124	46646	No
133	GOM_NL__2PRFIN20110131_111623_000000663099_00080_46646_4188.N1	31-JAN-2011 11:16:23	Bright	66.000	127	27Bet Her	2.7810	4700.0	132	46646	No
134	GOM_NL__2PRFIN20110131_111757_000000553099_00080_46646_4189.N1	31-JAN-2011 11:17:57	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46646	No
135	GOM_NL__2PRFIN20110131_112005_000000543099_00080_46646_4190.N1	31-JAN-2011 11:20:05	Bright	54.000	126	60Bet Oph	2.7700	4250.0	108	46646	No
136	GOM_NL__2PRFIN20110131_112631_000000413099_00080_46646_4191.N1	31-JAN-2011 11:26:31	Tw_i_and_stray	41.000	86	35Eta Oph	2.4300	10200.	82	46646	No
137	GOM_NL__2PRFIN20110131_113047_000000593099_00080_46646_4192.N1	31-JAN-2011 11:30:47	Dark	58.500	16	21Alp Sco	1.0200	3000.0	117	46646	No
138	GOM_NL__2PRFIN20110131_113210_000000463099_00080_46646_4193.N1	31-JAN-2011 11:32:10	Dark	45.500	158	6Pi Sco	2.9060	28000.	91	46646	No
139	GOM_NL__2PRFIN20110131_113633_000000443099_00080_46646_4194.N1	31-JAN-2011 11:36:33	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46646	No
140	GOM_NL__2PRFIN20110131_113846_000000443099_00081_46647_4196.N1	31-JAN-2011 11:38:46	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46647	No
141	GOM_NL__2PRFIN20110131_114256_000000413099_00081_46647_4197.N1	31-JAN-2011 11:42:56	Dark	41.000	10	Bet Cen	0.61000	28000.	82	46647	No
142	GOM_NL__2PRFIN20110131_114619_000000433099_00081_46647_4198.N1	31-JAN-2011 11:46:19	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46647	No
143	GOM_NL__2PRFIN20110131_114818_000000473099_00081_46647_4199.N1	31-JAN-2011 11:48:18	Dark	46.500	99	Del Cen	2.5750	26000.	93	46647	No
144	GOM_NL__2PRFIN20110131_115201_000000443099_00081_46647_4200.N1	31-JAN-2011 11:52:01	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	46647	No
145	GOM_NL__2PRFIN20110131_115627_000000473099_00081_46647_4201.N1	31-JAN-2011 11:56:27	Dark	46.500	65	Lam Vel	2.2040	4400.0	93	46647	No
146	GOM_NL__2PRFIN20110131_120254_000000443099_00081_46647_4202.N1	31-JAN-2011 12:02:54	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46647	No
147	GOM_NL__2PRFIN20110131_121138_000000493099_00081_46647_4203.N1	31-JAN-2011 12:11:38	Tw_i_and_stray	49.000	8	10Alp CMi	0.40000	6500.0	98	46647	No
148	GOM_NL__2PRFIN20110131_121818_000000423099_00081_46647_4204.N1	31-JAN-2011 12:18:18	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46647	No
149	GOM_NL__2PRFIN20110131_123307_000000473099_00081_46647_4205.N1	31-JAN-2011 12:33:07	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46647	No
150	GOM_NL__2PRFIN20110131_123833_000000413099_00081_46647_4206.N1	31-JAN-2011 12:38:33	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46647	No
151	GOM_NL__2PRFIN20110131_124315_000000373099_00081_46647_4207.N1	31-JAN-2011 12:43:15	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	46647	No
152	GOM_NL__2PRFIN20110131_124624_000000363099_00081_46647_4208.N1	31-JAN-2011 12:46:24	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	46647	No
153	GOM_NL__2PRFIN20110131_125302_000000623099_00081_46647_4209.N1	31-JAN-2011 12:53:02	Bright	62.000	133	40Zet Her	2.8070	6000.0	124	46647	No
154	GOM_NL__2PRFIN20110131_125638_000000483099_00081_46647_4210.N1	31-JAN-2011 12:56:38	Bright	47.500	127	27Bet Her	2.7810	4700.0	95	46647	No
155	GOM_NL__2PRFIN20110131_125811_000000553099_00081_46647_4211.N1	31-JAN-2011 12:58:11	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46647	No
156	GOM_NL__2PRFIN20110131_130019_000000383099_00081_46647_4212.N1	31-JAN-2011 13:00:19	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	46647	No
157	GOM_NL__2PRFIN20110131_130645_000000463099_00081_46647_4213.N1	31-JAN-2011 13:06:45	Tw_i_and_stray	45.500	86	35Eta Oph	2.4300	10200.	91	46647	No
158	GOM_NL__2PRFIN20110131_131102_000000503099_00081_46647_4214.N1	31-JAN-2011 13:11:02	Dark	50.000	16	21Alp Sco	1.0200	3000.0	100	46647	No
159	GOM_NL__2PRFIN20110131_131225_000000453099_00081_46647_4215.N1	31-JAN-2011 13:12:25	Dark	45.000	158	6Pi Sco	2.9060	28000.	90	46647	No
160	GOM_NL__2PRFIN20110131_131648_000000433099_00081_46647_4216.N1	31-JAN-2011 13:16:48	Dark	43.000	131	Gam Lup	2.8000	26000.	86	46647	No

161	GOM_NL__2PRFIN20110131_131900_000000463099_00082_46648_4222.N1	31-JAN-2011 13:19:00	Dark	45.500	109	Bet Lup	2.6770	26000.	91	46648	No
162	GOM_NL__2PRFIN20110131_132310_000000423099_00082_46648_4223.N1	31-JAN-2011 13:23:10	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46648	No
163	GOM_NL__2PRFIN20110131_132634_000000423099_00082_46648_4224.N1	31-JAN-2011 13:26:34	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46648	No
164	GOM_NL__2PRFIN20110131_132833_000000453099_00082_46648_4225.N1	31-JAN-2011 13:28:33	Dark	45.000	99	Del Cen	2.5750	26000.	90	46648	No
165	GOM_NL__2PRFIN20110131_133216_000000453099_00082_46648_4226.N1	31-JAN-2011 13:32:16	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	46648	No
166	GOM_NL__2PRFIN20110131_133641_000000453099_00082_46648_4227.N1	31-JAN-2011 13:36:41	Dark	44.500	65	Lam Vel	2.2040	4400.0	89	46648	No
167	GOM_NL__2PRFIN20110131_134308_000000433099_00082_46648_4228.N1	31-JAN-2011 13:43:08	Straylight	42.500	132	15Rho Pup	2.8030	6900.0	85	46648	No
168	GOM_NL__2PRFIN20110131_134743_000000283099_00082_46648_4229.N1	31-JAN-2011 13:47:43	Straylight	28.000	48	30Alp Hya	1.9770	4100.0	56	46648	No
169	GOM_NL__2PRFIN20110131_135152_000000543099_00082_46648_4230.N1	31-JAN-2011 13:51:52	Tw_i_and_stray	54.000	8	10Alp CMi	0.40000	6500.0	108	46648	No
170	GOM_NL__2PRFIN20110131_135831_000000413099_00082_46648_4231.N1	31-JAN-2011 13:58:31	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46648	No
171	GOM_NL__2PRFIN20110131_141320_000000433099_00082_46648_4232.N1	31-JAN-2011 14:13:20	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	46648	No
172	GOM_NL__2PRFIN20110131_141847_000000383099_00082_46648_4233.N1	31-JAN-2011 14:18:47	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	46648	No
173	GOM_NL__2PRFIN20110131_142328_000000393099_00082_46648_4234.N1	31-JAN-2011 14:23:28	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46648	No
174	GOM_NL__2PRFIN20110131_142638_000000403099_00082_46648_4235.N1	31-JAN-2011 14:26:38	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	46648	No
175	GOM_NL__2PRFIN20110131_143316_000000633099_00082_46648_4236.N1	31-JAN-2011 14:33:16	Bright	63.000	133	40Zet Her	2.8070	6000.0	126	46648	No
176	GOM_NL__2PRFIN20110131_143652_000000663099_00082_46648_4237.N1	31-JAN-2011 14:36:52	Bright	66.000	127	27Bet Her	2.7810	4700.0	132	46648	No
177	GOM_NL__2PRFIN20110131_143826_000000553099_00082_46648_4238.N1	31-JAN-2011 14:38:26	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46648	No
178	GOM_NL__2PRFIN20110131_144033_000000543099_00082_46648_4239.N1	31-JAN-2011 14:40:33	Bright	54.000	126	60Bet Oph	2.7700	4250.0	108	46648	No
179	GOM_NL__2PRFIN20110131_144700_000000443099_00082_46648_4240.N1	31-JAN-2011 14:47:00	Tw_i_and_stray	43.500	86	35Eta Oph	2.4300	10200.	87	46648	No
180	GOM_NL__2PRFIN20110131_145117_000000553099_00082_46648_4241.N1	31-JAN-2011 14:51:17	Dark	55.000	16	21Alp Sco	1.0200	3000.0	110	46648	No
181	GOM_NL__2PRFIN20110131_145239_000000463099_00082_46648_4242.N1	31-JAN-2011 14:52:39	Dark	46.000	158	6Pi Sco	2.9060	28000.	92	46648	No
182	GOM_NL__2PRFIN20110131_145703_000000443099_00082_46648_4243.N1	31-JAN-2011 14:57:03	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46648	No
183	GOM_NL__2PRFIN20110131_145915_000000443099_00083_46649_4263.N1	31-JAN-2011 14:59:15	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46649	No
184	GOM_NL__2PRFIN20110131_150325_000000433099_00083_46649_4264.N1	31-JAN-2011 15:03:25	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46649	No
185	GOM_NL__2PRFIN20110131_150648_000000423099_00083_46649_4265.N1	31-JAN-2011 15:06:48	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46649	No
186	GOM_NL__2PRFIN20110131_150848_000000463099_00083_46649_4266.N1	31-JAN-2011 15:08:48	Dark	46.000	99	Del Cen	2.5750	26000.	92	46649	No
187	GOM_NL__2PRFIN20110131_151231_000000453099_00083_46649_4267.N1	31-JAN-2011 15:12:31	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46649	No
188	GOM_NL__2PRFIN20110131_151656_000000473099_00083_46649_4268.N1	31-JAN-2011 15:16:56	Dark	47.000	65	Lam Vel	2.2040	4400.0	94	46649	No
189	GOM_NL__2PRFIN20110131_152322_000000433099_00083_46649_4269.N1	31-JAN-2011 15:23:22	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46649	No
190	GOM_NL__2PRFIN20110131_152757_000000283099_00083_46649_4270.N1	31-JAN-2011 15:27:57	Straylight	28.000	48	30Alp Hya	1.9770	4100.0	56	46649	No
191	GOM_NL__2PRFIN20110131_153206_000000543099_00083_46649_4271.N1	31-JAN-2011 15:32:06	Tw_i_and_stray	54.000	8	10Alp CMi	0.40000	6500.0	108	46649	No
192	GOM_NL__2PRFIN20110131_153845_000000423099_00083_46649_4272.N1	31-JAN-2011 15:38:45	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46649	No
193	GOM_NL__2PRFIN20110131_155334_000000453099_00083_46649_4273.N1	31-JAN-2011 15:53:34	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	46649	No
194	GOM_NL__2PRFIN20110131_155901_000000433099_00083_46649_4274.N1	31-JAN-2011 15:59:01	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	46649	No
195	GOM_NL__2PRFIN20110131_160342_000000413099_00083_46649_4275.N1	31-JAN-2011 16:03:42	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46649	No
196	GOM_NL__2PRFIN20110131_160652_000000383099_00083_46649_4276.N1	31-JAN-2011 16:06:52	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46649	No
197	GOM_NL__2PRFIN20110131_161330_000000603099_00083_46649_4277.N1	31-JAN-2011 16:13:30	Bright	60.000	133	40Zet Her	2.8070	6000.0	120	46649	No
198	GOM_NL__2PRFIN20110131_161706_000000663099_00083_46649_4278.N1	31-JAN-2011 16:17:06	Bright	66.000	127	27Bet Her	2.7810	4700.0	132	46649	No
199	GOM_NL__2PRFIN20110131_161840_000000553099_00083_46649_4279.N1	31-JAN-2011 16:18:40	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	46649	No
200	GOM_NL__2PRFIN20110131_162048_000000543099_00083_46649_4280.N1	31-JAN-2011 16:20:48	Bright	54.000	126	60Bet Oph	2.7700	4250.0	108	46649	No
201	GOM_NL__2PRFIN20110131_162715_000000453099_00083_46649_4281.N1	31-JAN-2011 16:27:15	Tw_i_and_stray	45.000	86	35Eta Oph	2.4300	10200.	90	46649	No
202	GOM_NL__2PRFIN20110131_163132_000000493099_00083_46649_4282.N1	31-JAN-2011 16:31:32	Dark	48.500	16	21Alp Sco	1.0200	3000.0	97	46649	No
203	GOM_NL__2PRFIN20110131_163254_000000473099_00083_46649_4283.N1	31-JAN-2011 16:32:54	Dark	46.500	158	6Pi Sco	2.9060	28000.	93	46649	No
204	GOM_NL__2PRFIN20110131_163717_000000453099_00083_46649_4284.N1	31-JAN-2011 16:37:17	Dark	44.500	131	Gam Lup	2.8000	26000.	89	46649	No
205	GOM_NL__2PRFIN20110131_163931_000000443099_00084_46650_4294.N1	31-JAN-2011 16:39:31	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46650	No
206	GOM_NL__2PRFIN20110131_164340_000000473099_00084_46650_4295.N1	31-JAN-2011 16:43:40	Dark	46.500	10	Bet Cen	0.61000	28000.	93	46650	No
207	GOM_NL__2PRFIN20110131_164703_000000443099_00084_46650_4296.N1	31-JAN-2011 16:47:03	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	46650	No
208	GOM_NL__2PRFIN20110131_164903_000000463099_00084_46650_4297.N1	31-JAN-2011 16:49:03	Dark	46.000	99	Del Cen	2.5750	26000.	92	46650	No
209	GOM_NL__2PRFIN20110131_165245_000000523099_00084_46650_4298.N1	31-JAN-2011 16:52:45	Dark	51.500	113	Mu Vel	2.6920	5000.0	103	46650	No
210	GOM_NL__2PRFIN20110131_165710_000000453099_00084_46650_4299.N1	31-JAN-2011 16:57:10	Dark	45.000	65	Lam Vel	2.2040	4400.0	90	46650	No
211	GOM_NL__2PRFIN20110131_170336_000000453099_00084_46650_4300.N1	31-JAN-2011 17:03:36	Straylight	44.500	132	15Rho Pup	2.8030	6900.0	89	46650	No
212	GOM_NL__2PRFIN20110131_170811_000000343099_00084_46650_4301.N1	31-JAN-2011 17:08:11	Straylight	34.000	48	30Alp Hya	1.9770	4100.0	68	46650	No
213	GOM_NL__2PRFIN20110131_171220_000000543099_00084_46650_4302.N1	31-JAN-2011 17:12:20	Tw_i_and_stray	54.000	8	10Alp CMi	0.40000	6500.0	108	46650	No
214	GOM_NL__2PRFIN20110131_171859_000000413099_00084_46650_4303.N1	31-JAN-2011 17:18:59	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46650	No
215	GOM_NL__2PRFIN20110131_173347_000000473099_00084_46650_4304.N1	31-JAN-2011 17:33:47	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46650	No
216	GOM_NL__2PRFIN20110131_173914_000000413099_00084_46650_4305.N1	31-JAN-2011 17:39:14	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46650	No
217	GOM_NL__2PRFIN20110131_174356_000000413099_00084_46650_4306.N1	31-JAN-2011 17:43:56	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	46650	No
218	GOM_NL__2PRFIN20110131_174706_000000553099_00084_46650_4307.N1	31-JAN-2011 17:47:06	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46650	No
219	GOM_NL__2PRFIN20110131_175344_000000553099_00084_46650_4308.N1	31-JAN-2011 17:53:44	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46650	No

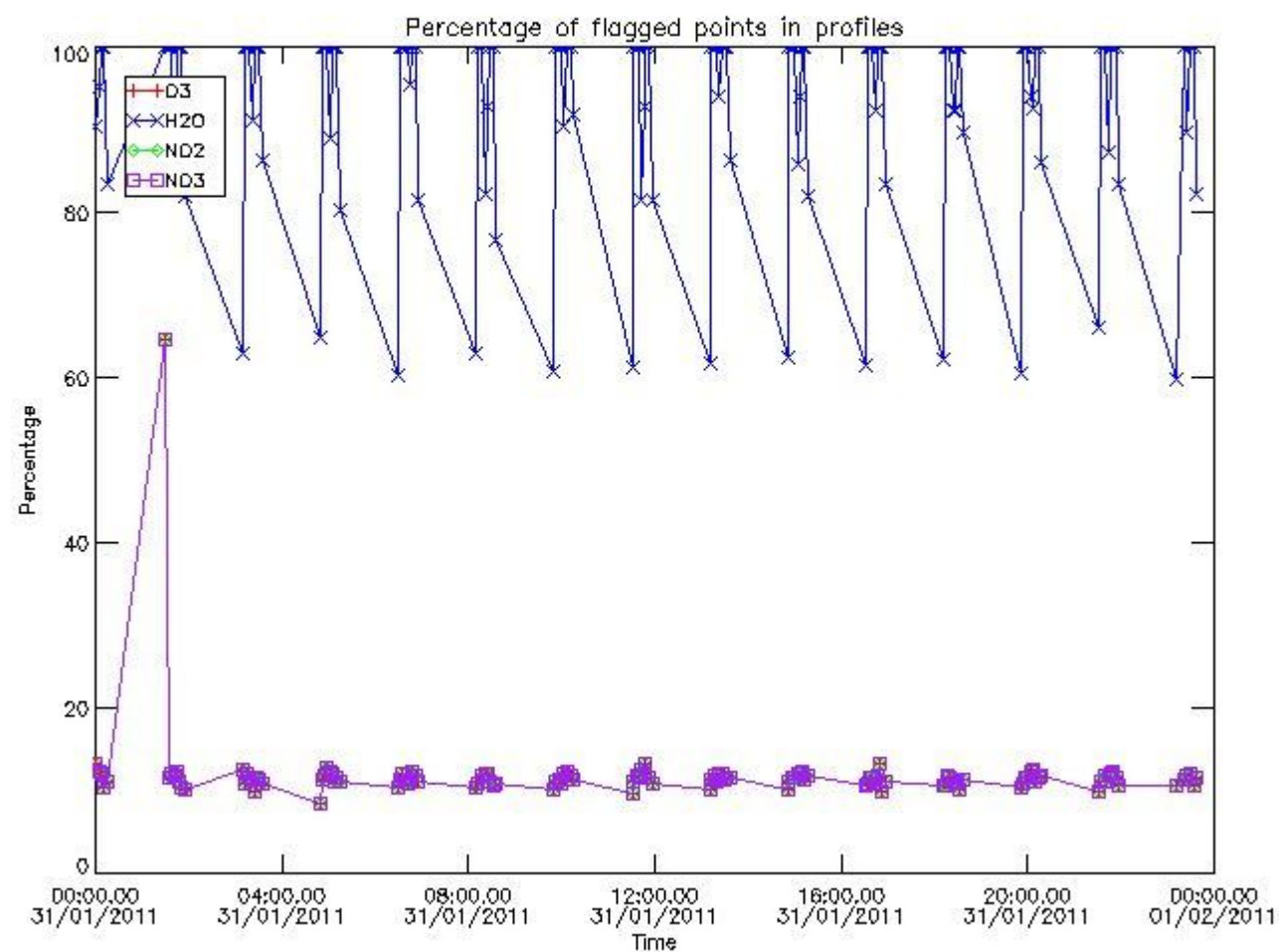
220	GOM_NL__2PRFIN20110131_175721_000000673099_00084_46650_4309.N1	31-JAN-2011 17:57:21	Bright	67.000	127	27Bet Her	2.7810	4700.0	134	46650	No
221	GOM_NL__2PRFIN20110131_180102_000000543099_00084_46650_4310.N1	31-JAN-2011 18:01:02	Bright	54.000	126	60Bet Oph	2.7700	4250.0	108	46650	No
222	GOM_NL__2PRFIN20110131_180729_000000453099_00084_46650_4311.N1	31-JAN-2011 18:07:29	Tw_i_and_stray	44.500	86	35Eta Oph	2.4300	10200.	89	46650	No
223	GOM_NL__2PRFIN20110131_181146_000000483099_00084_46650_4312.N1	31-JAN-2011 18:11:46	Dark	48.000	16	21Alp Sco	1.0200	3000.0	96	46650	No
224	GOM_NL__2PRFIN20110131_181309_000000493099_00084_46650_4313.N1	31-JAN-2011 18:13:09	Dark	48.500	158	6Pi Sco	2.9060	28000.	97	46650	No
225	GOM_NL__2PRFIN20110131_181732_000000443099_00084_46650_4314.N1	31-JAN-2011 18:17:32	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46650	No
226	GOM_NL__2PRFIN20110131_181946_000000443099_00085_46651_4337.N1	31-JAN-2011 18:19:46	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46651	No
227	GOM_NL__2PRFIN20110131_182354_000000463099_00085_46651_4338.N1	31-JAN-2011 18:23:54	Dark	46.000	10	Bet Cen	0.61000	28000.	92	46651	No
228	GOM_NL__2PRFIN20110131_182717_000000473099_00085_46651_4339.N1	31-JAN-2011 18:27:17	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	46651	No
229	GOM_NL__2PRFIN20110131_182918_000000463099_00085_46651_4340.N1	31-JAN-2011 18:29:18	Dark	46.000	99	Del Cen	2.5750	26000.	92	46651	No
230	GOM_NL__2PRFIN20110131_183300_000000513099_00085_46651_4341.N1	31-JAN-2011 18:33:00	Dark	50.500	113	Mu Vel	2.6920	5000.0	101	46651	No
231	GOM_NL__2PRFIN20110131_183724_000000493099_00085_46651_4342.N1	31-JAN-2011 18:37:24	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	46651	No
232	GOM_NL__2PRFIN20110131_184350_000000443099_00085_46651_4343.N1	31-JAN-2011 18:43:50	Straylight	44.000	132	15Rho Pup	2.8030	6900.0	88	46651	No
233	GOM_NL__2PRFIN20110131_184825_000000343099_00085_46651_4344.N1	31-JAN-2011 18:48:25	Straylight	34.000	48	30Alp Hya	1.9770	4100.0	68	46651	No
234	GOM_NL__2PRFIN20110131_185234_000000523099_00085_46651_4345.N1	31-JAN-2011 18:52:34	Tw_i_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	46651	No
235	GOM_NL__2PRFIN20110131_185913_000000413099_00085_46651_4346.N1	31-JAN-2011 18:59:13	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46651	No
236	GOM_NL__2PRFIN20110131_191401_000000473099_00085_46651_4347.N1	31-JAN-2011 19:14:01	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46651	No
237	GOM_NL__2PRFIN20110131_191928_000000423099_00085_46651_4348.N1	31-JAN-2011 19:19:28	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46651	No
238	GOM_NL__2PRFIN20110131_192410_000000403099_00085_46651_4349.N1	31-JAN-2011 19:24:10	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46651	No
239	GOM_NL__2PRFIN20110131_192720_000000363099_00085_46651_4350.N1	31-JAN-2011 19:27:20	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	46651	No
240	GOM_NL__2PRFIN20110131_193359_000000633099_00085_46651_4351.N1	31-JAN-2011 19:33:59	Bright	63.000	133	40Zet Her	2.8070	6000.0	126	46651	No
241	GOM_NL__2PRFIN20110131_193735_000000473099_00085_46651_4352.N1	31-JAN-2011 19:37:35	Bright	46.500	127	27Bet Her	2.7810	4700.0	93	46651	No
242	GOM_NL__2PRFIN20110131_194116_000000503099_00085_46651_4353.N1	31-JAN-2011 19:41:16	Bright	50.000	126	60Bet Oph	2.7700	4250.0	100	46651	No
243	GOM_NL__2PRFIN20110131_194743_000000453099_00085_46651_4354.N1	31-JAN-2011 19:47:43	Tw_i_and_stray	44.500	86	35Eta Oph	2.4300	10200.	89	46651	No
244	GOM_NL__2PRFIN20110131_195201_000000543099_00085_46651_4355.N1	31-JAN-2011 19:52:01	Dark	53.500	16	21Alp Sco	1.0200	3000.0	107	46651	No
245	GOM_NL__2PRFIN20110131_195324_000000483099_00085_46651_4356.N1	31-JAN-2011 19:53:24	Dark	47.500	158	6Pi Sco	2.9060	28000.	95	46651	No
246	GOM_NL__2PRFIN20110131_195747_000000443099_00085_46651_4357.N1	31-JAN-2011 19:57:47	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46651	No
247	GOM_NL__2PRFIN20110131_200000_000000453099_00086_46652_4374.N1	31-JAN-2011 20:00:00	Dark	44.500	109	Bet Lup	2.6770	26000.	89	46652	No
248	GOM_NL__2PRFIN20110131_200409_000000423099_00086_46652_4375.N1	31-JAN-2011 20:04:09	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46652	No
249	GOM_NL__2PRFIN20110131_200732_000000413099_00086_46652_4376.N1	31-JAN-2011 20:07:32	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	46652	No
250	GOM_NL__2PRFIN20110131_200932_000000463099_00086_46652_4377.N1	31-JAN-2011 20:09:32	Dark	46.000	99	Del Cen	2.5750	26000.	92	46652	No
251	GOM_NL__2PRFIN20110131_201315_000000453099_00086_46652_4378.N1	31-JAN-2011 20:13:15	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	46652	No
252	GOM_NL__2PRFIN20110131_201739_000000473099_00086_46652_4379.N1	31-JAN-2011 20:17:39	Dark	47.000	65	Lam Vel	2.2040	4400.0	94	46652	No
253	GOM_NL__2PRFIN20110131_202405_000000433099_00086_46652_4380.N1	31-JAN-2011 20:24:05	Straylight	42.500	132	15Rho Pup	2.8030	6900.0	85	46652	No
254	GOM_NL__2PRFIN20110131_202839_000000413099_00086_46652_4381.N1	31-JAN-2011 20:28:39	Straylight	41.000	48	30Alp Hya	1.9770	4100.0	82	46652	No
255	GOM_NL__2PRFIN20110131_203248_000000513099_00086_46652_4382.N1	31-JAN-2011 20:32:48	Tw_i_and_stray	51.000	8	10Alp CMi	0.40000	6500.0	102	46652	No
256	GOM_NL__2PRFIN20110131_203927_000000423099_00086_46652_4383.N1	31-JAN-2011 20:39:27	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46652	No
257	GOM_NL__2PRFIN20110131_205414_000000483099_00086_46652_4384.N1	31-JAN-2011 20:54:14	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	46652	No
258	GOM_NL__2PRFIN20110131_205942_000000413099_00086_46652_4385.N1	31-JAN-2011 20:59:42	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46652	No
259	GOM_NL__2PRFIN20110131_210424_000000393099_00086_46652_4386.N1	31-JAN-2011 21:04:24	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46652	No
260	GOM_NL__2PRFIN20110131_210734_000000553099_00086_46652_4387.N1	31-JAN-2011 21:07:34	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46652	No
261	GOM_NL__2PRFIN20110131_211413_000000633099_00086_46652_4388.N1	31-JAN-2011 21:14:13	Bright	63.000	133	40Zet Her	2.8070	6000.0	126	46652	No
262	GOM_NL__2PRFIN20110131_211749_000000473099_00086_46652_4389.N1	31-JAN-2011 21:17:49	Bright	47.000	127	27Bet Her	2.7810	4700.0	94	46652	No
263	GOM_NL__2PRFIN20110131_212131_000000373099_00086_46652_4390.N1	31-JAN-2011 21:21:31	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	46652	No
264	GOM_NL__2PRFIN20110131_212758_000000433099_00086_46652_4391.N1	31-JAN-2011 21:27:58	Tw_i_and_stray	43.000	86	35Eta Oph	2.4300	10200.	86	46652	No
265	GOM_NL__2PRFIN20110131_213216_000000523099_00086_46652_4392.N1	31-JAN-2011 21:32:16	Dark	52.000	16	21Alp Sco	1.0200	3000.0	104	46652	No
266	GOM_NL__2PRFIN20110131_213339_000000463099_00086_46652_4393.N1	31-JAN-2011 21:33:39	Dark	45.500	158	6Pi Sco	2.9060	28000.	91	46652	No
267	GOM_NL__2PRFIN20110131_213802_000000433099_00086_46652_4394.N1	31-JAN-2011 21:38:02	Dark	43.000	131	Gam Lup	2.8000	26000.	86	46652	No
268	GOM_NL__2PRFIN20110131_214015_000000463099_00087_46653_4402.N1	31-JAN-2011 21:40:15	Dark	45.500	109	Bet Lup	2.6770	26000.	91	46653	No
269	GOM_NL__2PRFIN20110131_214424_000000443099_00087_46653_4403.N1	31-JAN-2011 21:44:24	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46653	No
270	GOM_NL__2PRFIN20110131_214746_000000433099_00087_46653_4404.N1	31-JAN-2011 21:47:46	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46653	No
271	GOM_NL__2PRFIN20110131_214947_000000463099_00087_46653_4405.N1	31-JAN-2011 21:49:47	Dark	45.500	99	Del Cen	2.5750	26000.	91	46653	No
272	GOM_NL__2PRFIN20110131_215329_000000453099_00087_46653_4406.N1	31-JAN-2011 21:53:29	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	46653	No
273	GOM_NL__2PRFIN20110131_215753_000000493099_00087_46653_4407.N1	31-JAN-2011 21:57:53	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	46653	No
274	GOM_NL__2PRFIN20110131_220419_000000423099_00087_46653_4408.N1	31-JAN-2011 22:04:19	Straylight	42.000	132	15Rho Pup	2.8030	6900.0	84	46653	No
275	GOM_NL__2PRFIN20110131_220853_000000413099_00087_46653_4409.N1	31-JAN-2011 22:08:53	Straylight	41.000	48	30Alp Hya	1.9770	4100.0	82	46653	No
276	GOM_NL__2PRFIN20110131_221302_000000503099_00087_46653_4410.N1	31-JAN-2011 22:13:02	Tw_i_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	46653	No
277	GOM_NL__2PRFIN20110131_221941_000000413099_00087_46653_4411.N1	31-JAN-2011 22:19:41	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46653	No
278	GOM_NL__2PRFIN20110131_223427_000000473099_00087_46653_4412.N1	31-JAN-2011 22:34:27	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46653	No

279	GOM_NL__2PRFIN20110131_223956_000000353099_00087_46653_4413.N1	31-JAN-2011 22:39:56	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	46653	No
280	GOM_NL__2PRFIN20110131_224437_000000413099_00087_46653_4414.N1	31-JAN-2011 22:44:37	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	46653	No
281	GOM_NL__2PRFIN20110131_224748_000000393099_00087_46653_4415.N1	31-JAN-2011 22:47:48	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	46653	No
282	GOM_NL__2PRFIN20110131_225427_000000433099_00087_46653_4416.N1	31-JAN-2011 22:54:27	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	46653	No
283	GOM_NL__2PRFIN20110131_225804_000000673099_00087_46653_4417.N1	31-JAN-2011 22:58:04	Bright	67.000	127	27Bet Her	2.7810	4700.0	134	46653	No
284	GOM_NL__2PRFIN20110131_230145_000000443099_00087_46653_4418.N1	31-JAN-2011 23:01:45	Bright	44.000	126	60Bet Oph	2.7700	4250.0	88	46653	No
285	GOM_NL__2PRFIN20110131_230812_000000463099_00087_46653_4419.N1	31-JAN-2011 23:08:12	Twilight	45.500	86	35Eta Oph	2.4300	10200.0	91	46653	No
286	GOM_NL__2PRFIN20110131_231230_000000533099_00087_46653_4420.N1	31-JAN-2011 23:12:30	Dark	52.500	16	21Alp Sco	1.0200	3000.0	105	46653	No
287	GOM_NL__2PRFIN20110131_232030_000000453099_00088_46654_4464.N1	31-JAN-2011 23:20:30	Dark	45.000	109	Bet Lup	2.6770	26000.0	90	46654	No
288	GOM_NL__2PRFIN20110131_232438_000000443099_00088_46654_4465.N1	31-JAN-2011 23:24:38	Dark	43.500	10	Bet Cen	0.61000	28000.0	87	46654	No
289	GOM_NL__2PRFIN20110131_232801_000000423099_00088_46654_4466.N1	31-JAN-2011 23:28:01	Dark	42.000	12	Alp1Cru	0.77500	30000.0	84	46654	No
290	GOM_NL__2PRFIN20110131_233002_000000473099_00088_46654_4467.N1	31-JAN-2011 23:30:02	Dark	46.500	99	Del Cen	2.5750	26000.0	93	46654	No
291	GOM_NL__2PRFIN20110131_233344_000000493099_00088_46654_4468.N1	31-JAN-2011 23:33:44	Dark	48.500	113	Mu Vel	2.6920	5000.0	97	46654	No
292	GOM_NL__2PRFIN20110131_233807_000000483099_00088_46654_4469.N1	31-JAN-2011 23:38:07	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	46654	No
293	GOM_NL__2PRFIN20110131_234433_000000433099_00088_46654_4470.N1	31-JAN-2011 23:44:33	Straylight	42.500	132	15Rho Pup	2.8030	6900.0	85	46654	No
294	GOM_NL__2PRFIN20110131_234907_000000473099_00088_46654_4471.N1	31-JAN-2011 23:49:07	Straylight	47.000	48	30Alp Hya	1.9770	4100.0	94	46654	No
295	GOM_NL__2PRFIN20110131_235316_000000493099_00088_46654_4472.N1	31-JAN-2011 23:53:16	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	46654	No
296	GOM_NL__2PRFIN20110131_235955_000000423099_00088_46654_4473.N1	31-JAN-2011 23:59:55	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46654	No

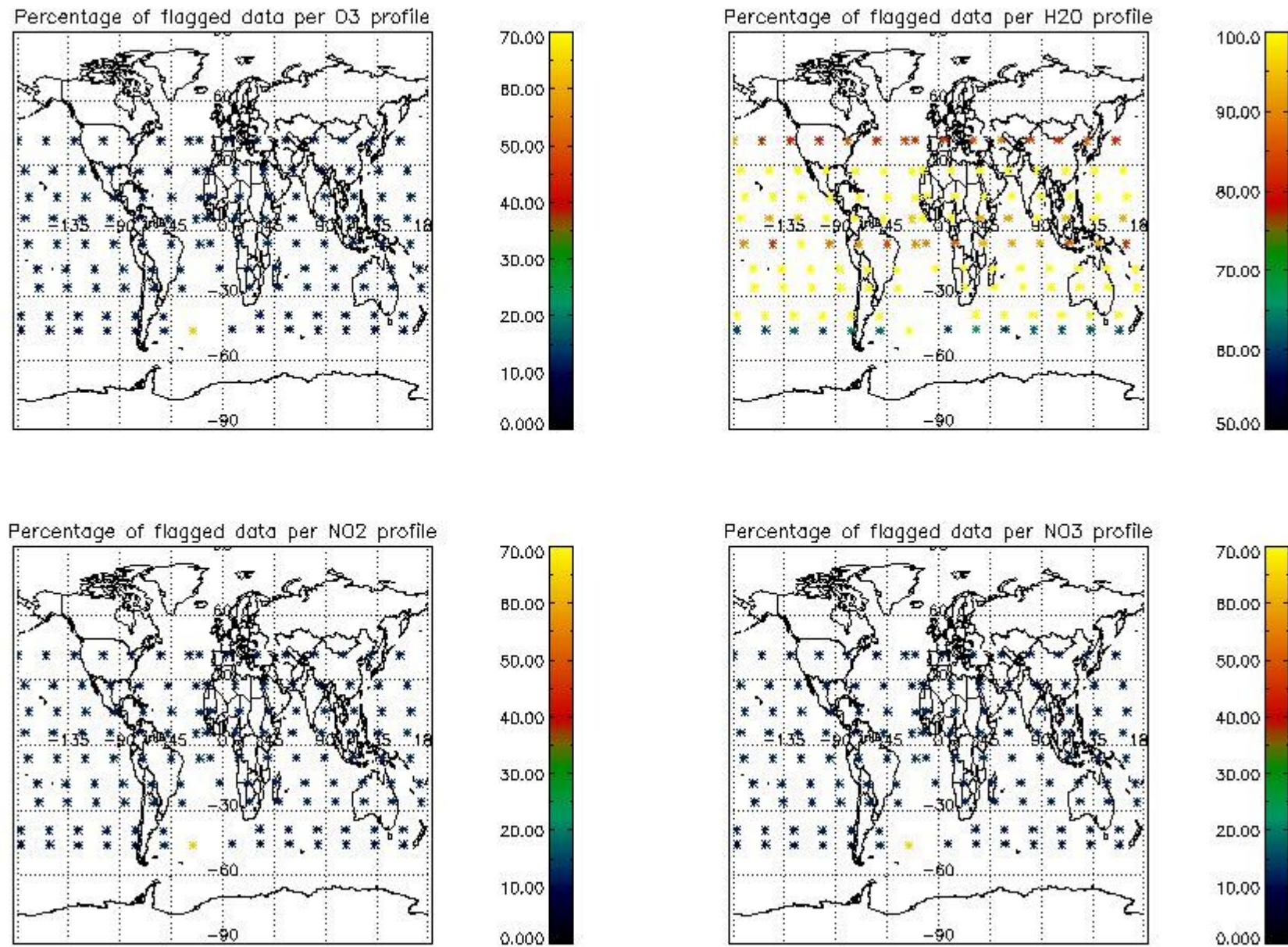
3. Quality information per product

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)

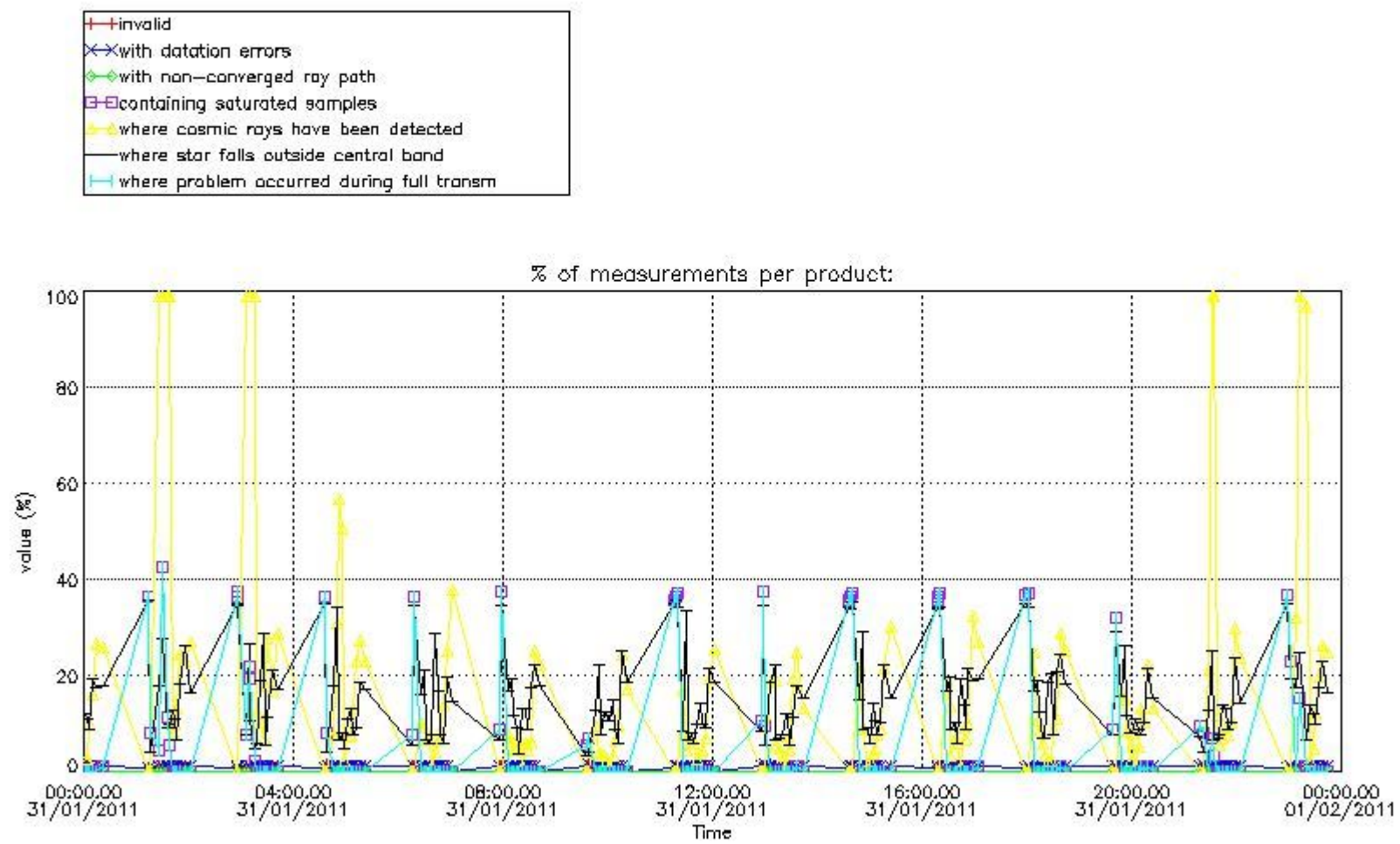


4. Level 1 quality information per product

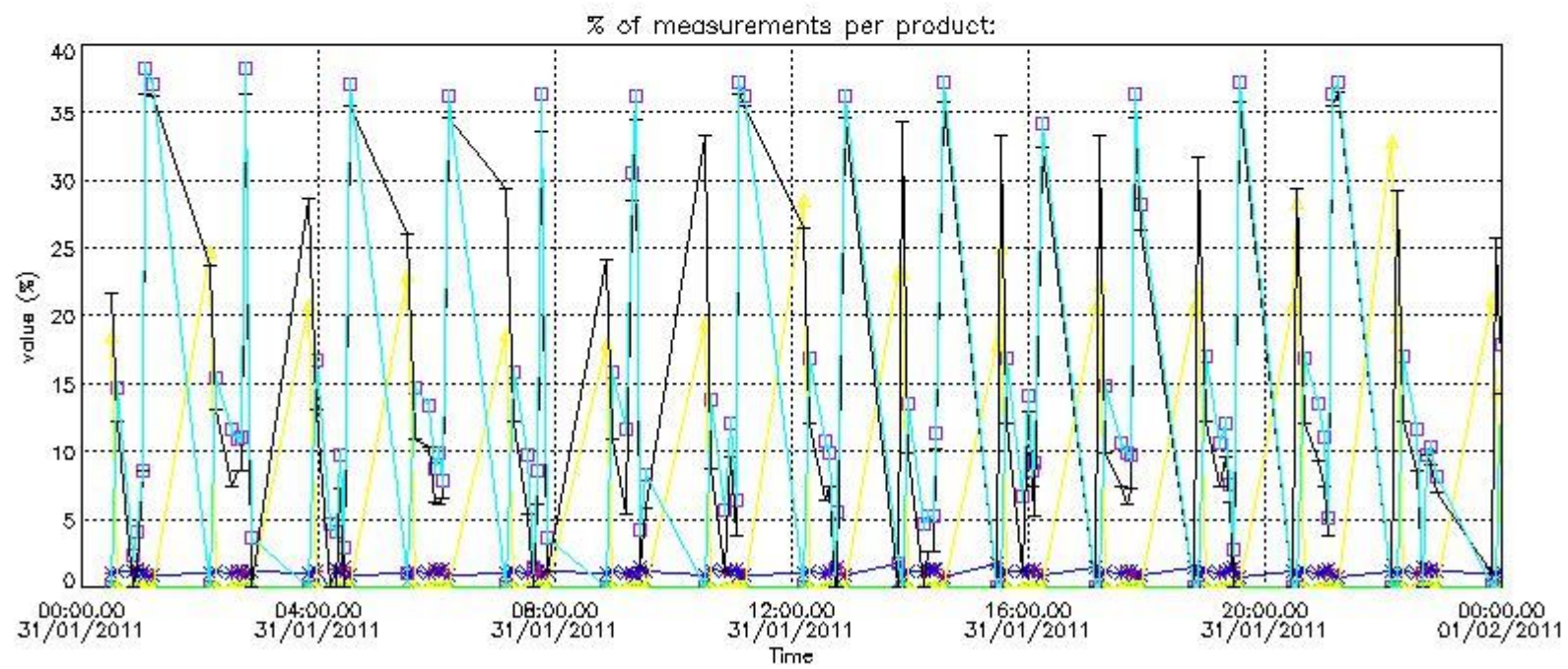
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

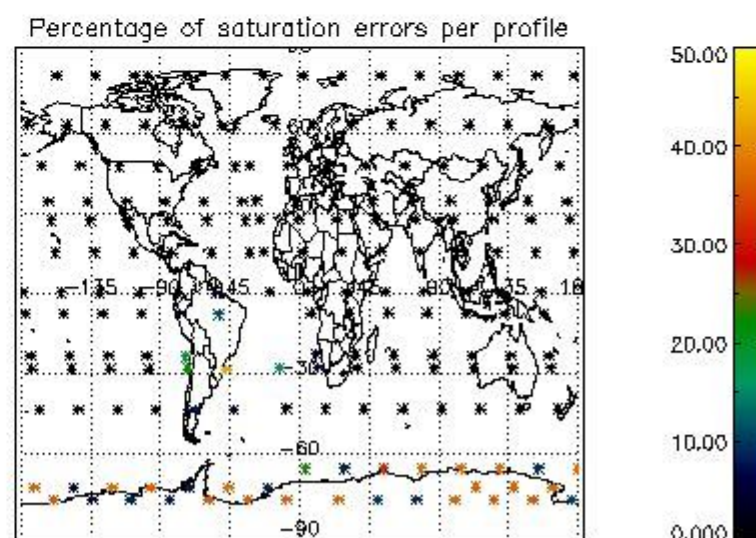
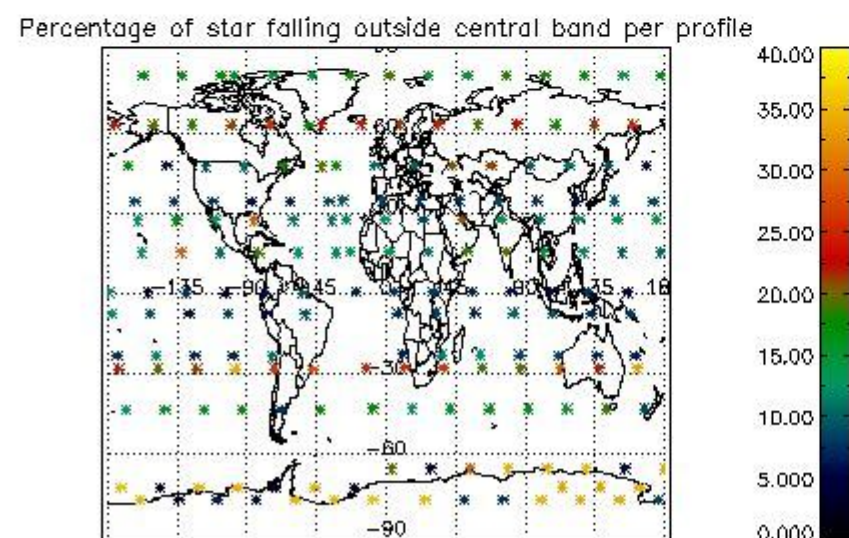
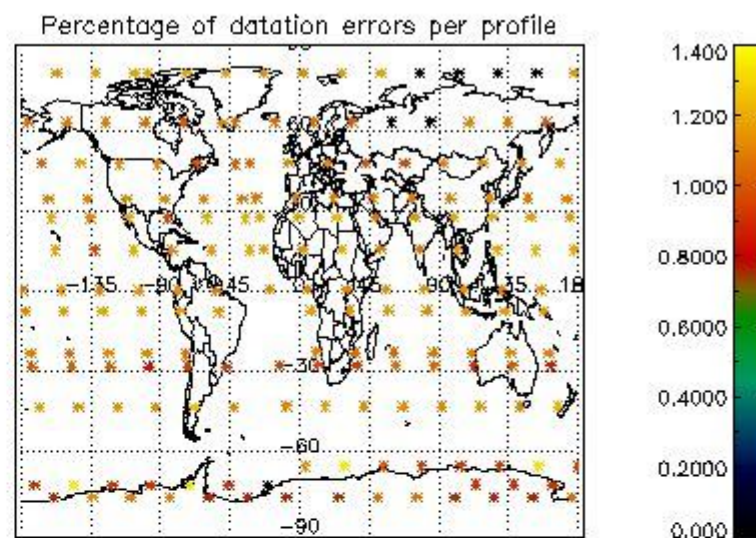
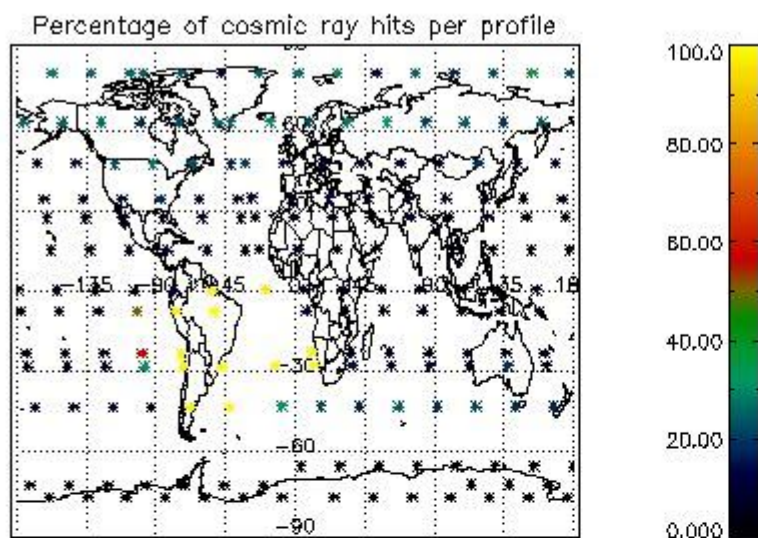


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

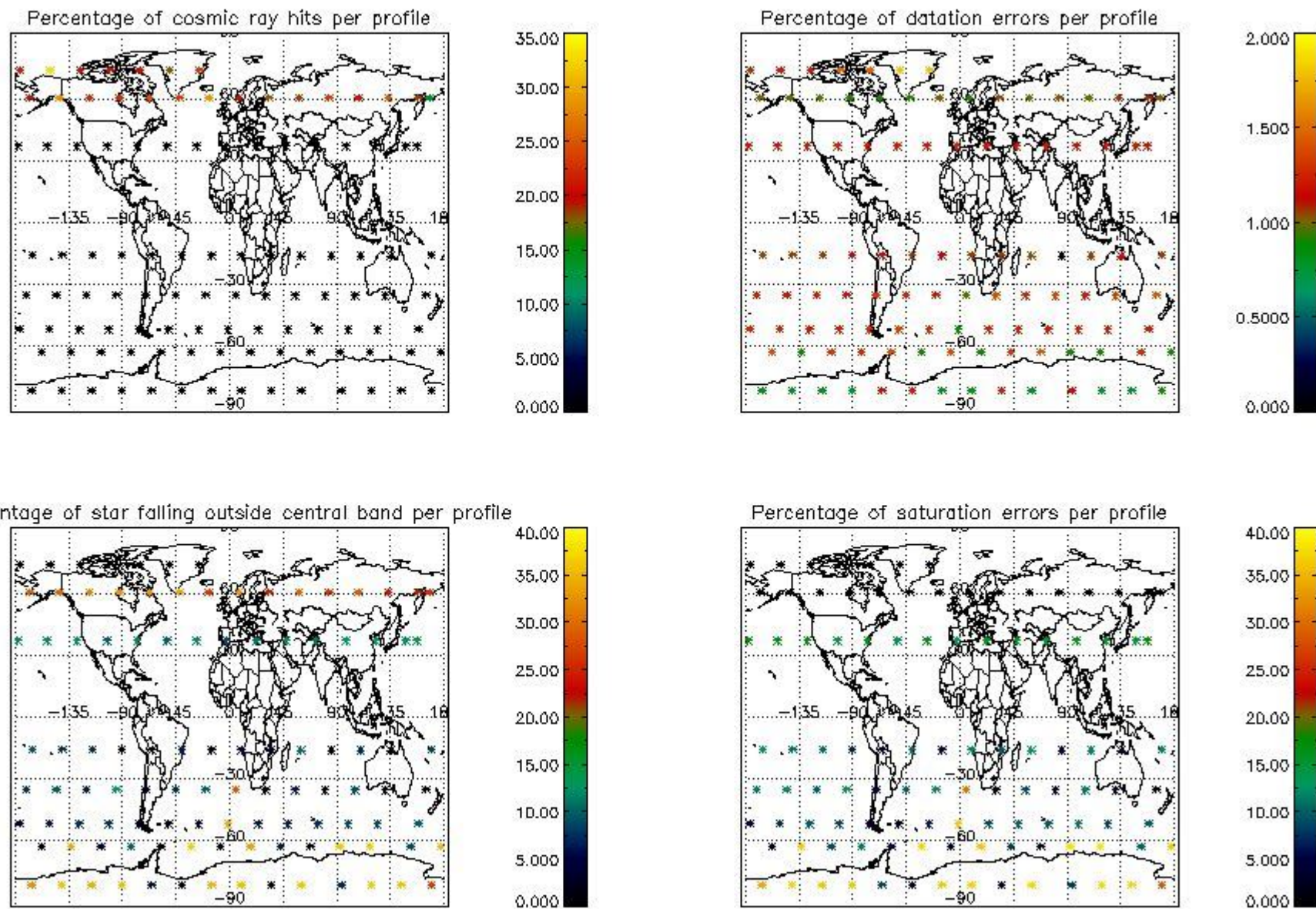


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

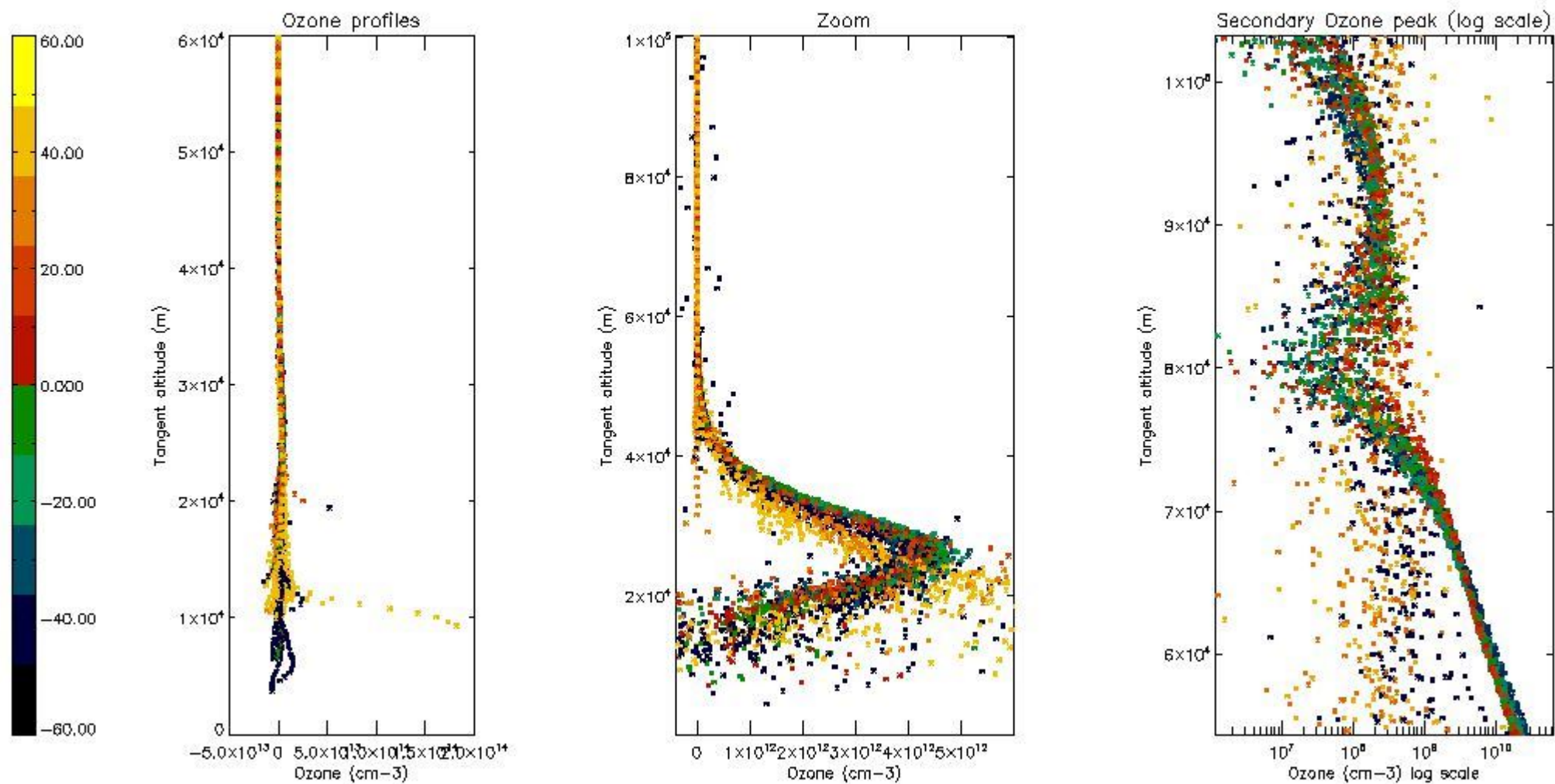
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	44
STD < 20	22

STD < 10	17
STD < 5	12

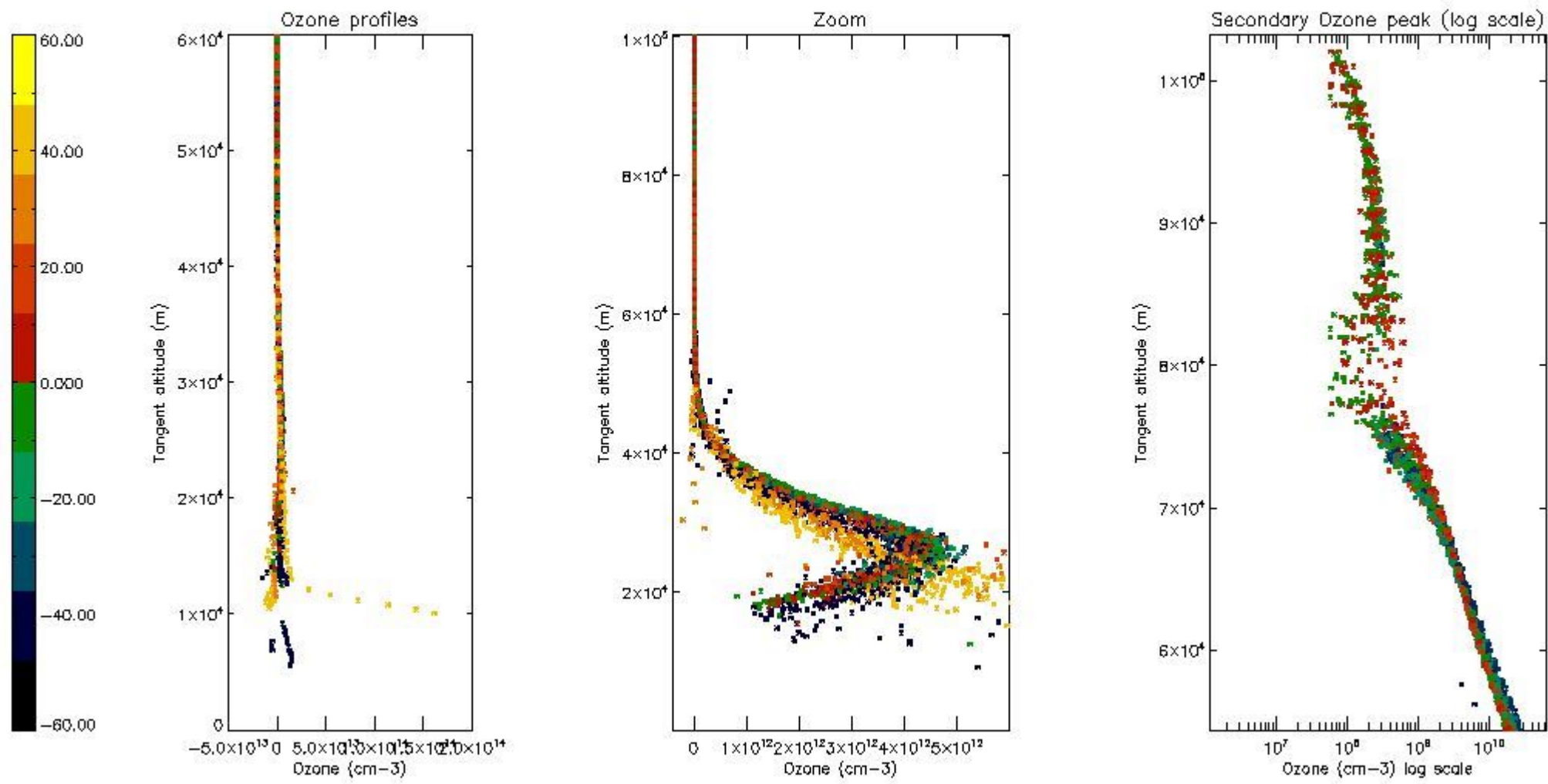
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



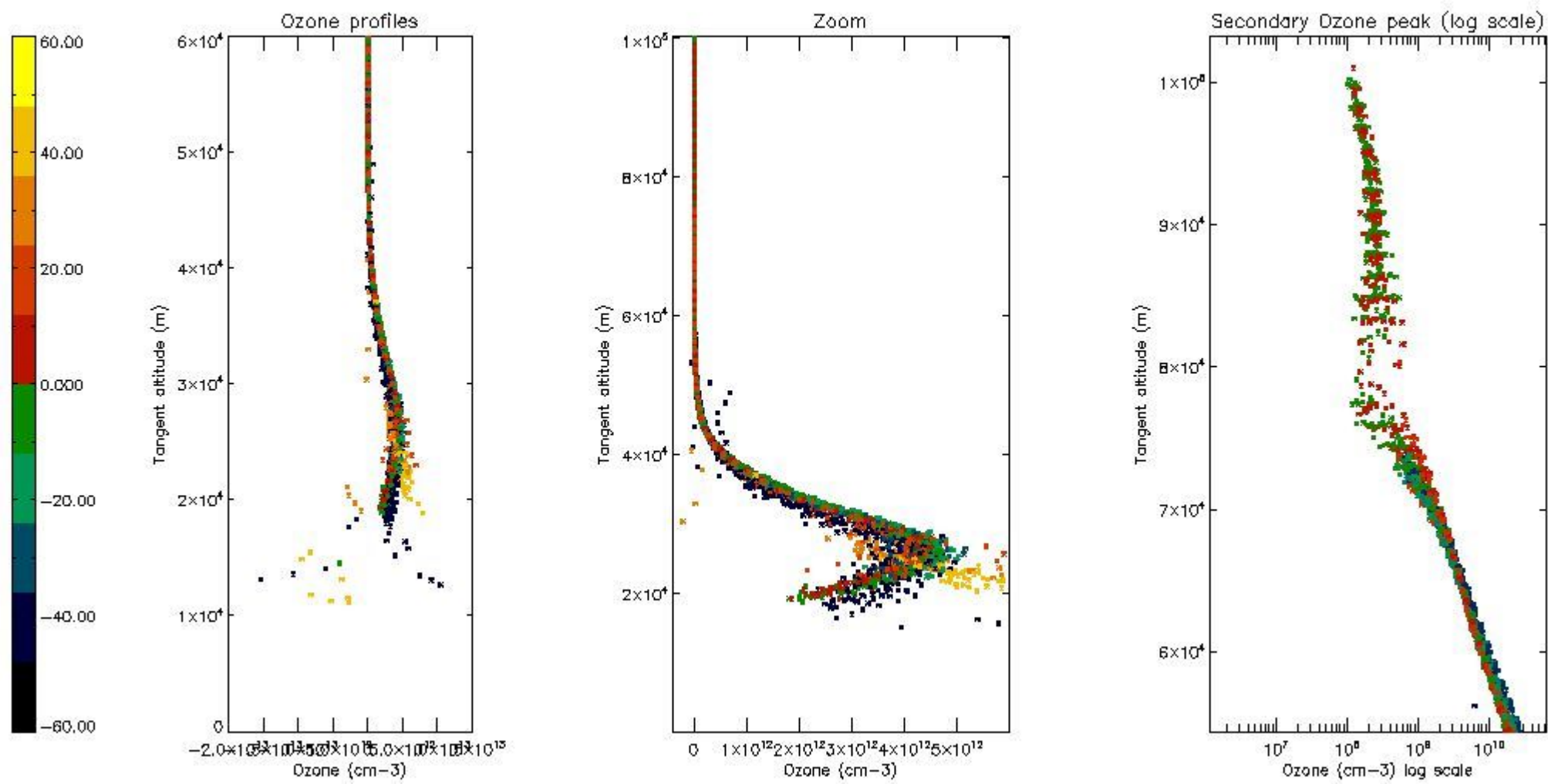
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



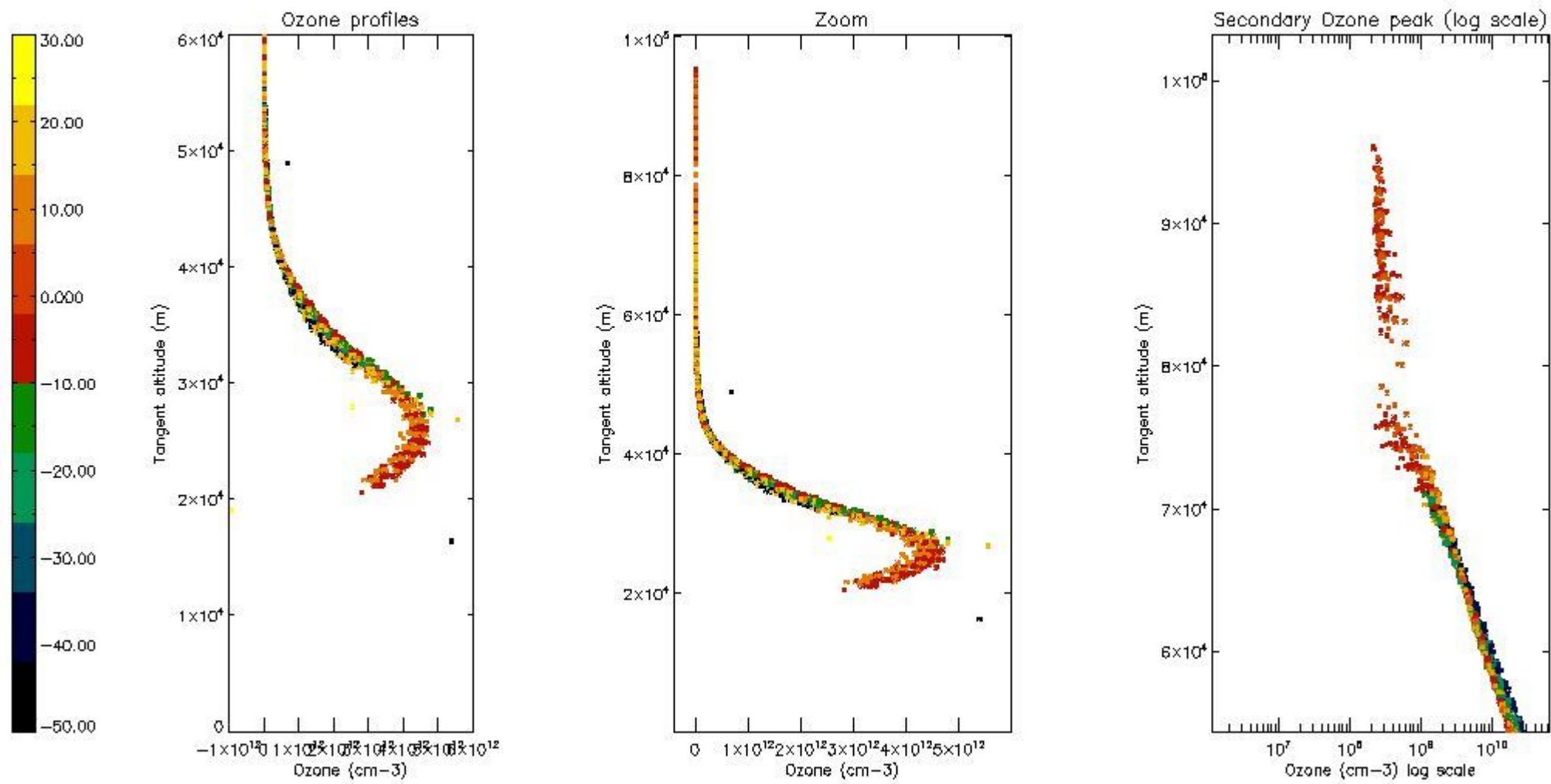
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



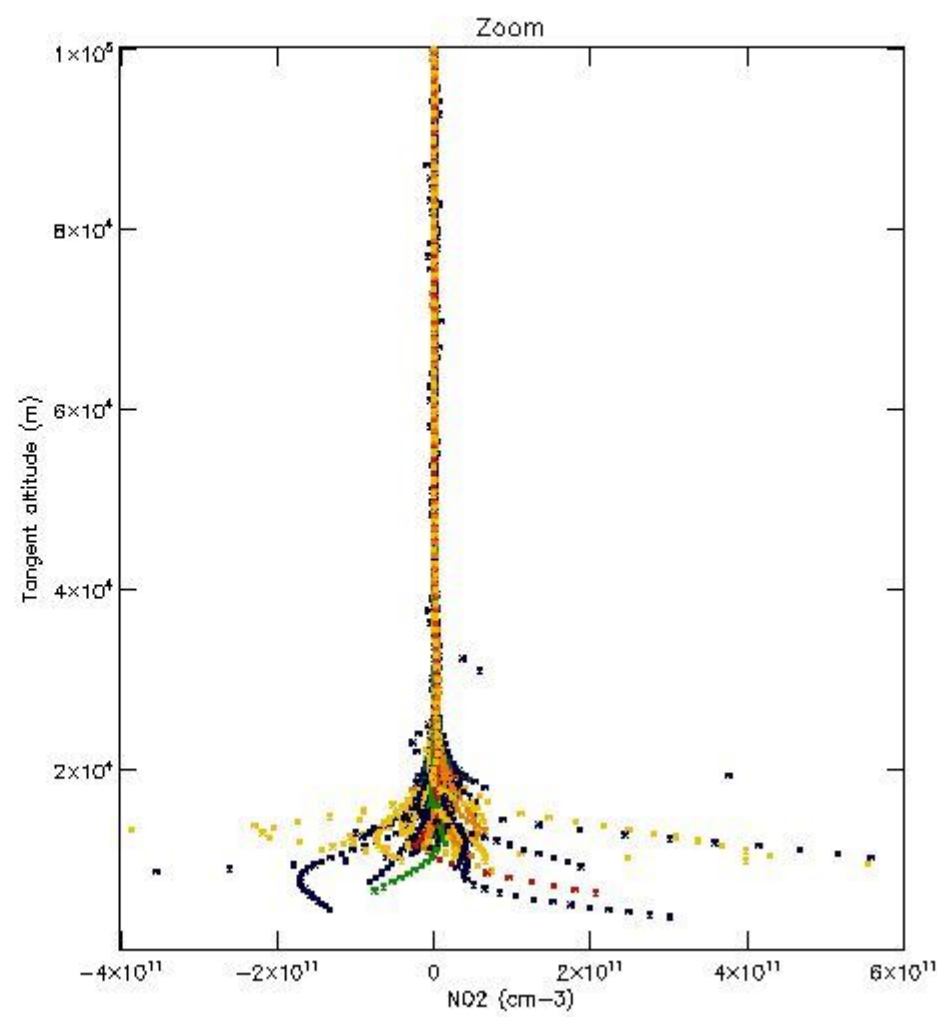
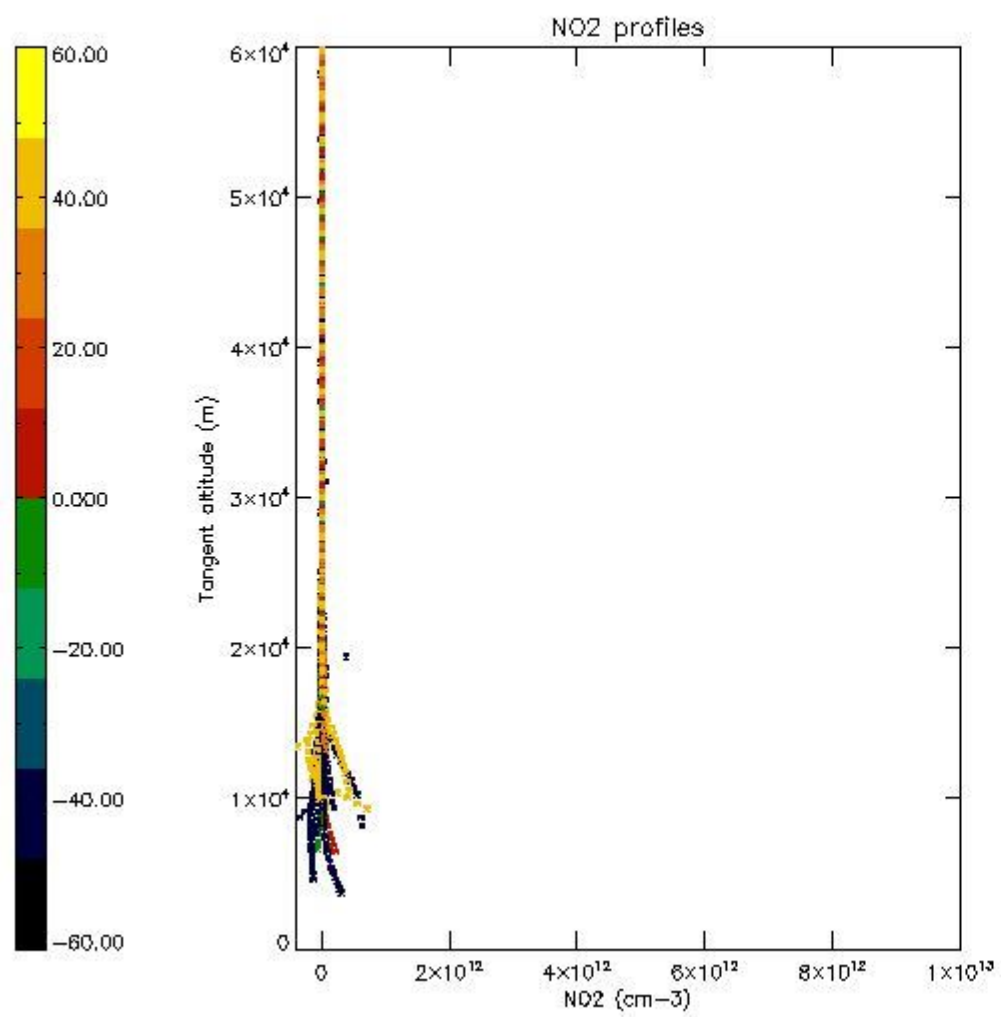
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



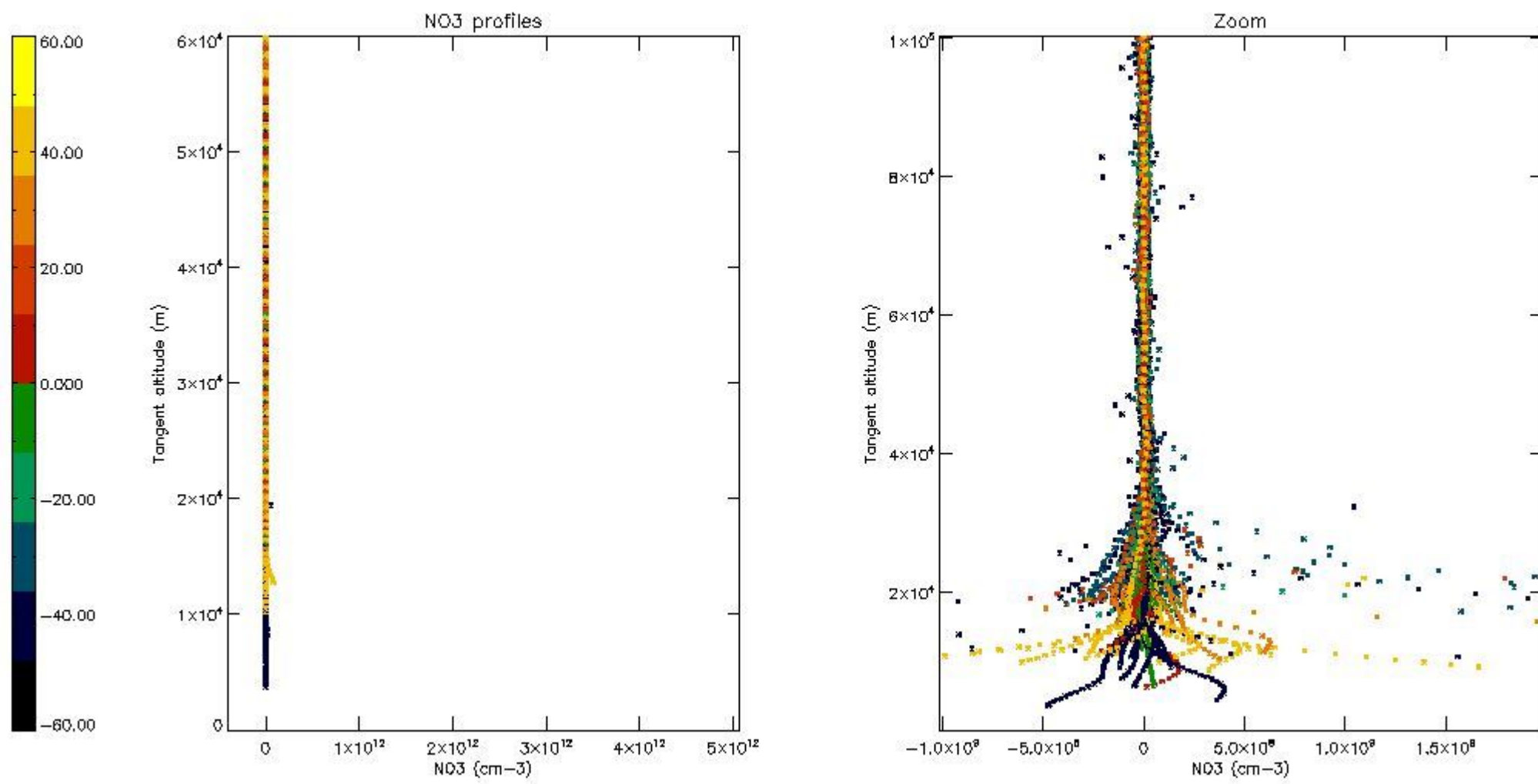
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



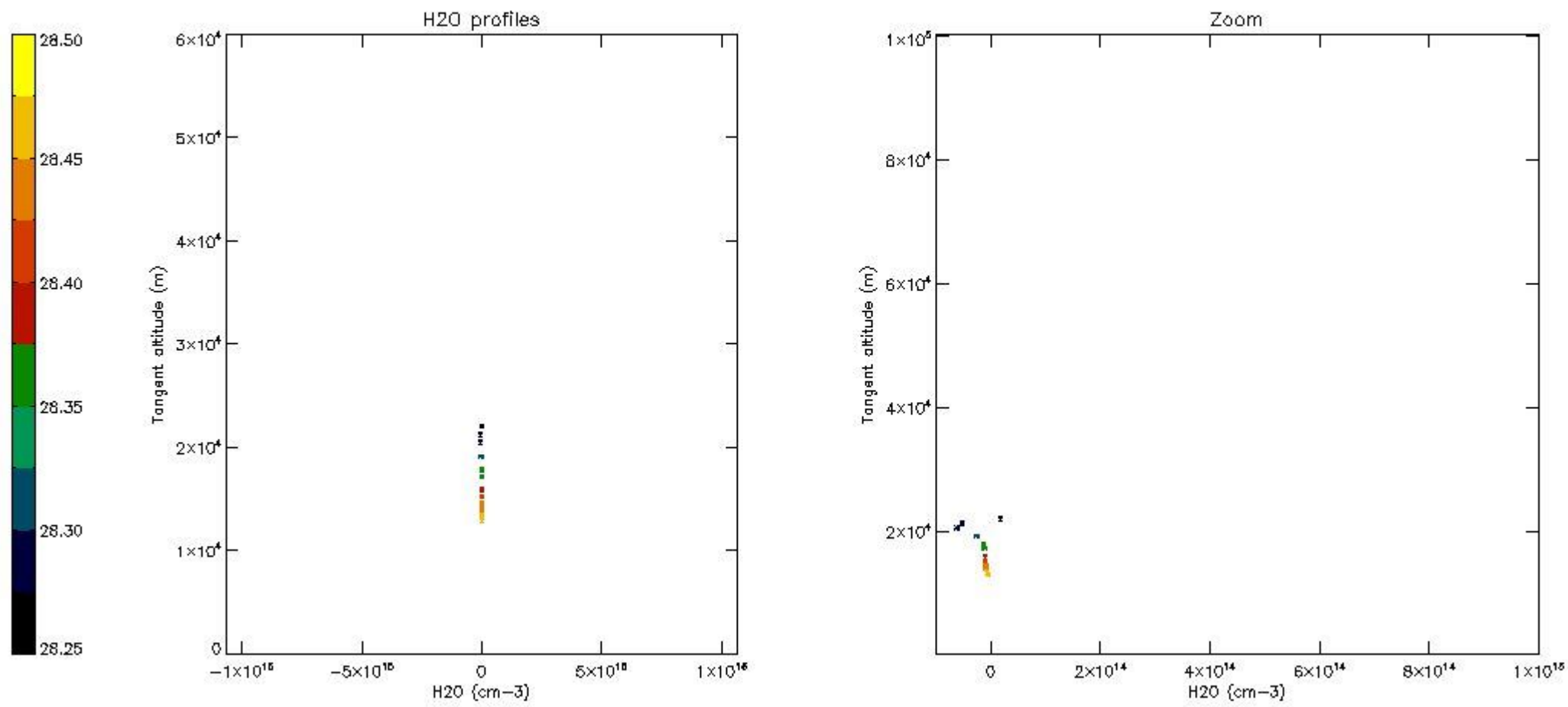
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

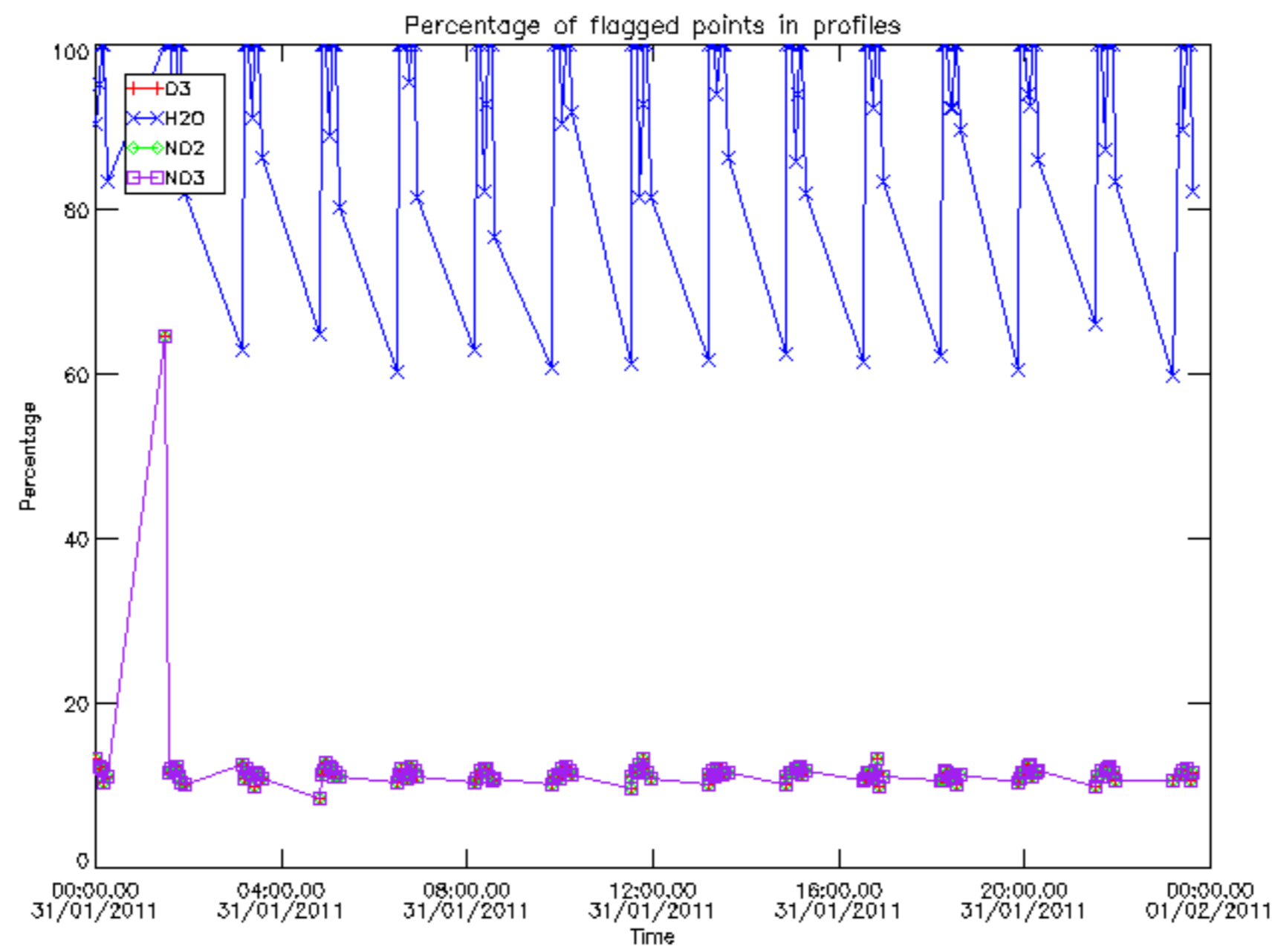
The colorbar represents the latitude.



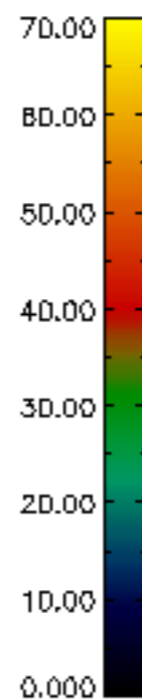
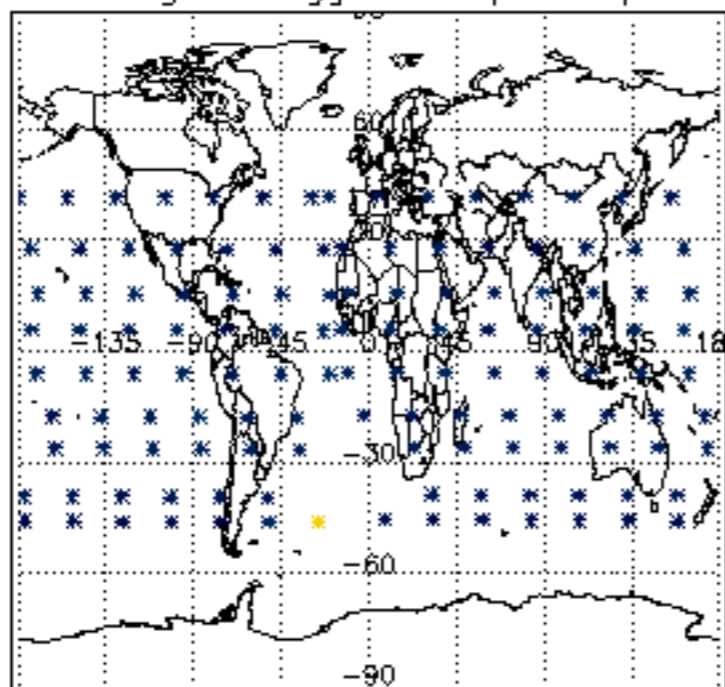
6. Auxiliary Data Files used for the production reported in section 2

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.

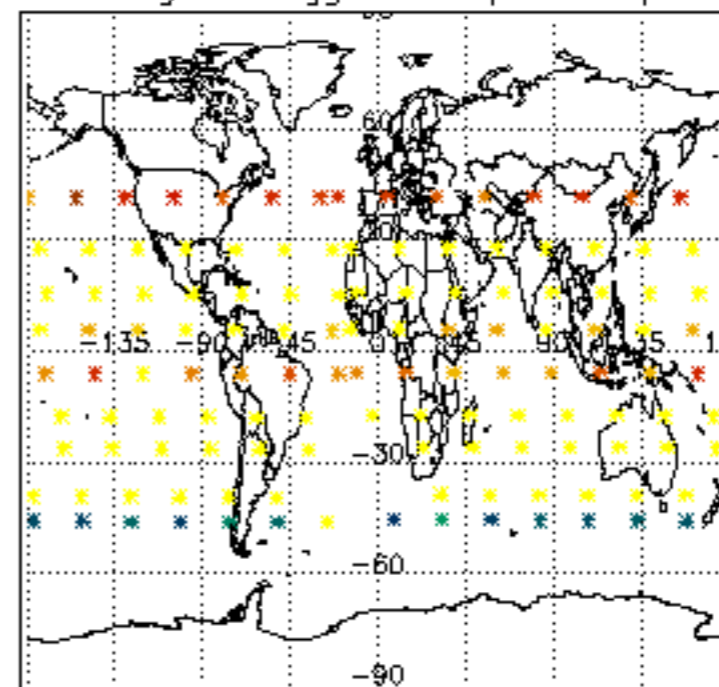
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	31-JAN-2011 00:01:14
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	31-JAN-2011 00:01:14
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	31-JAN-2011 00:01:14



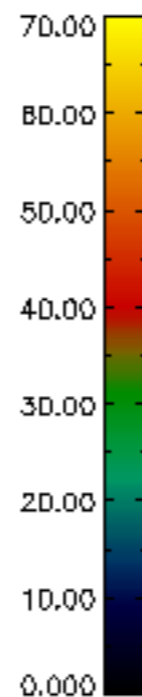
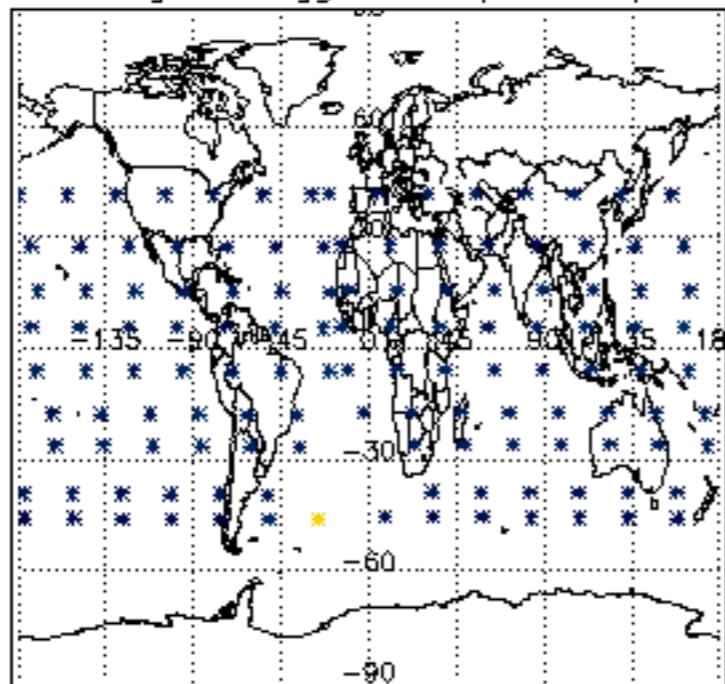
Percentage of flagged data per D3 profile



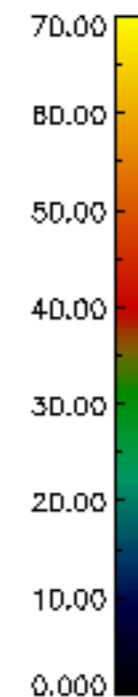
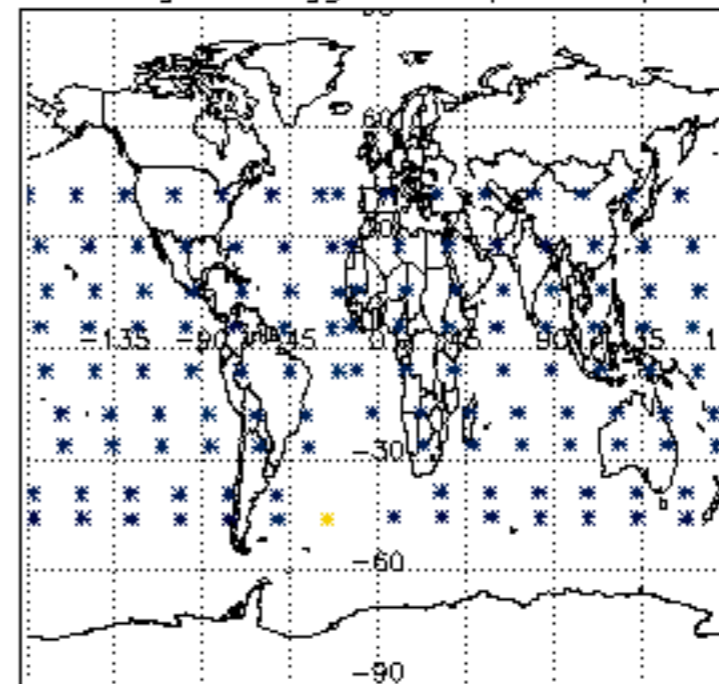
Percentage of flagged data per H2O profile

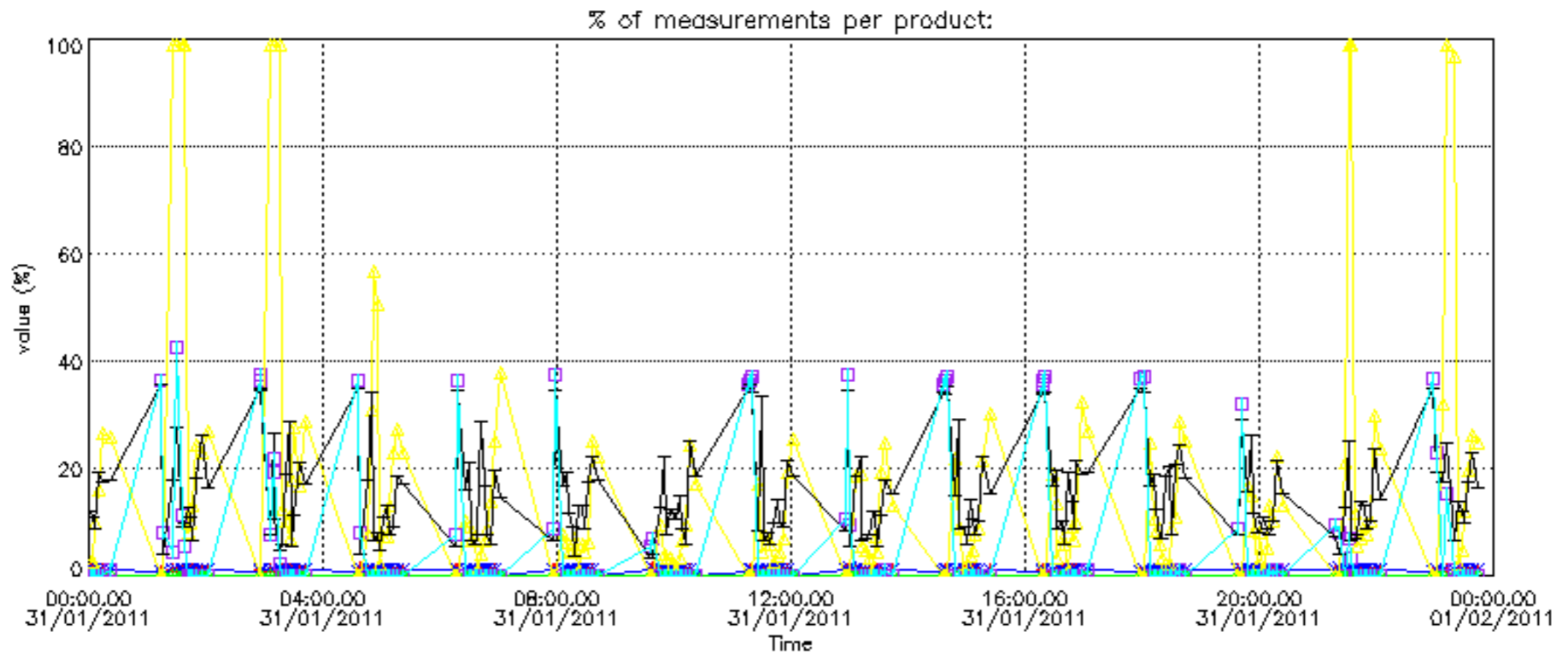


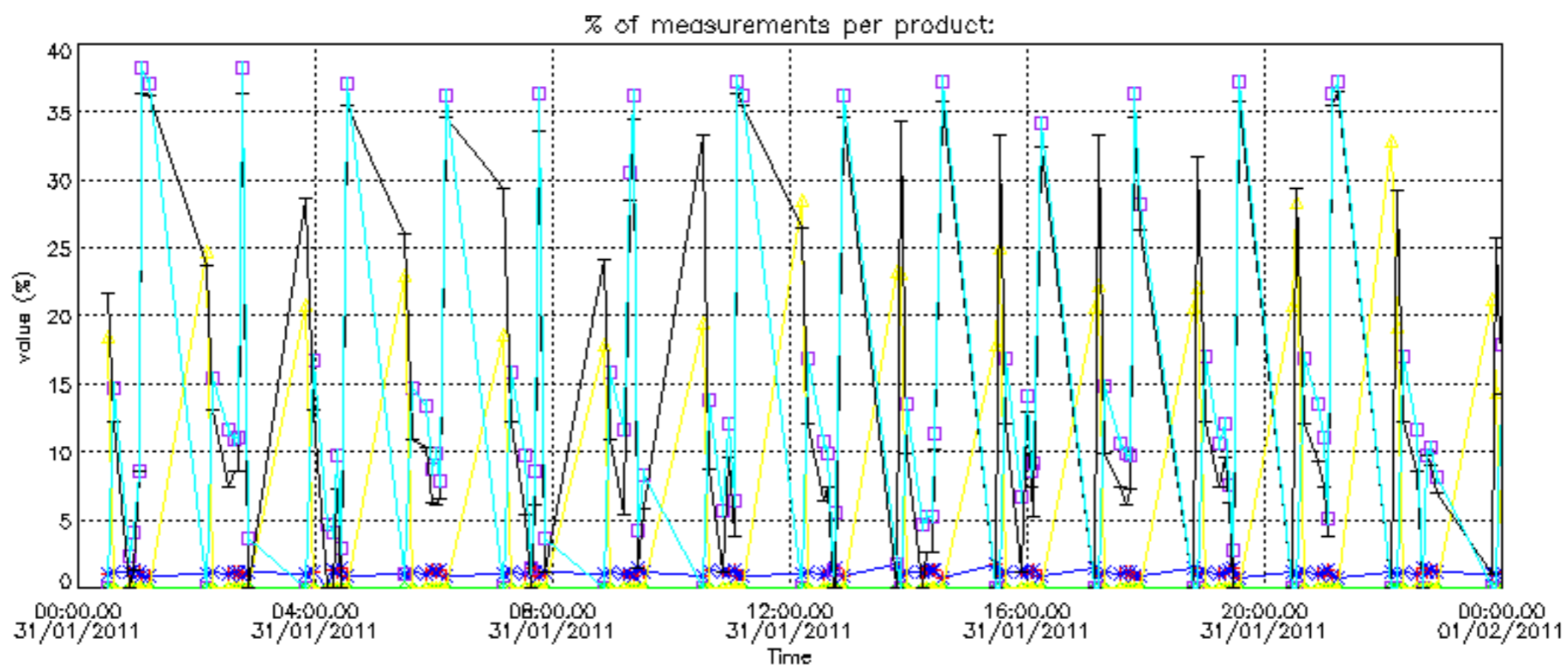
Percentage of flagged data per NO2 profile



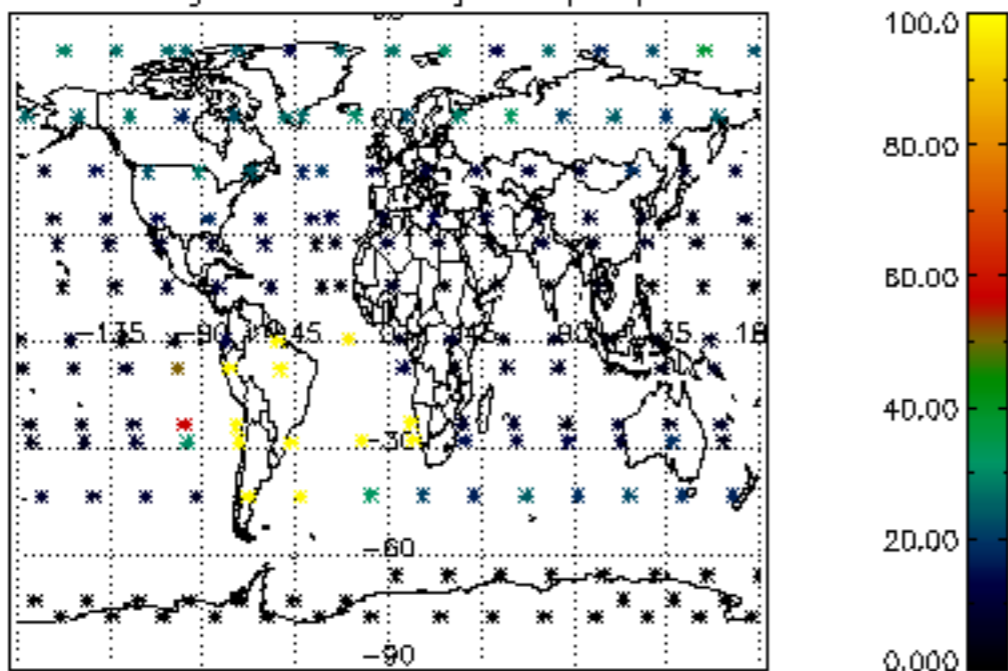
Percentage of flagged data per NO3 profile



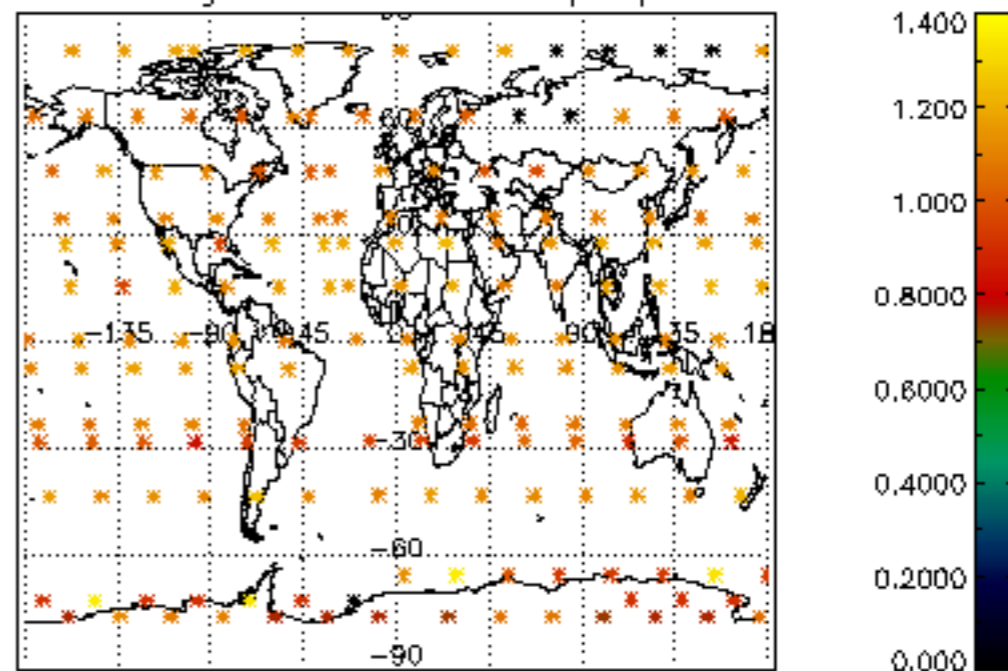




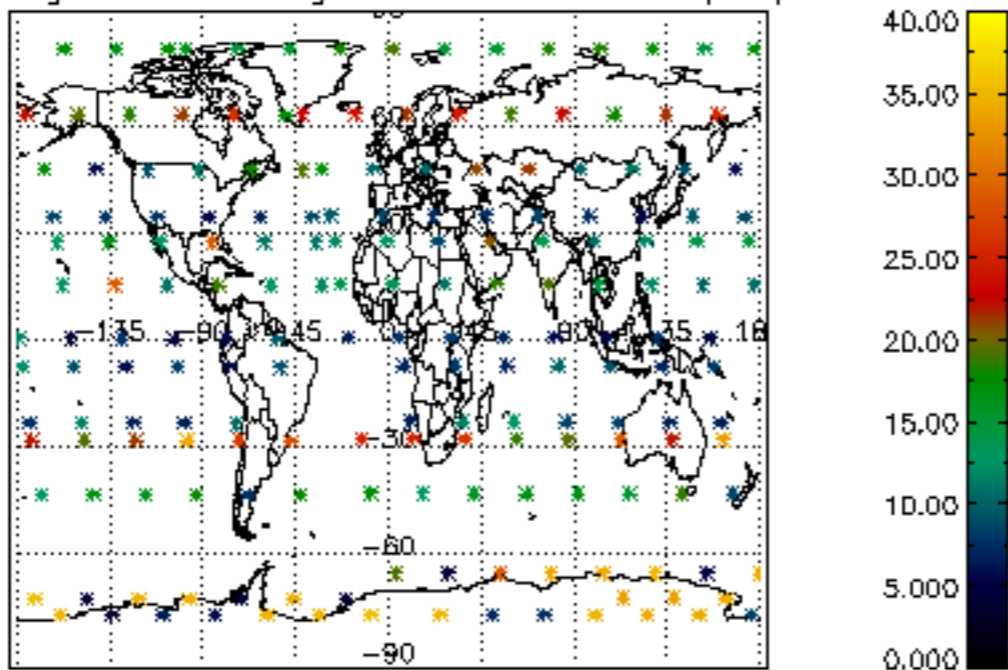
Percentage of cosmic ray hits per profile



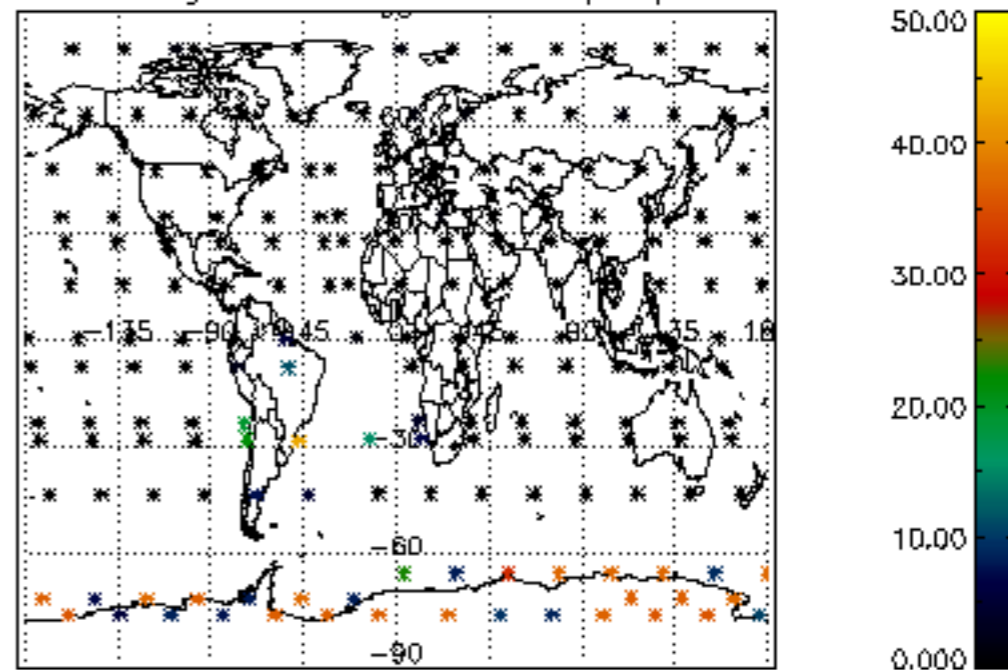
Percentage of datation errors per profile



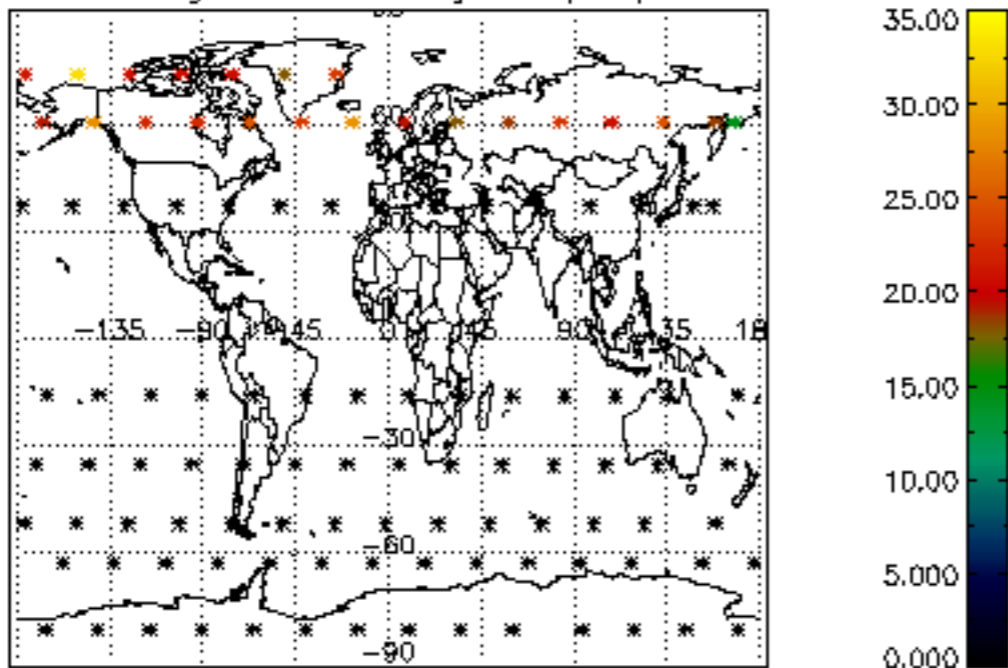
Percentage of star falling outside central band per profile



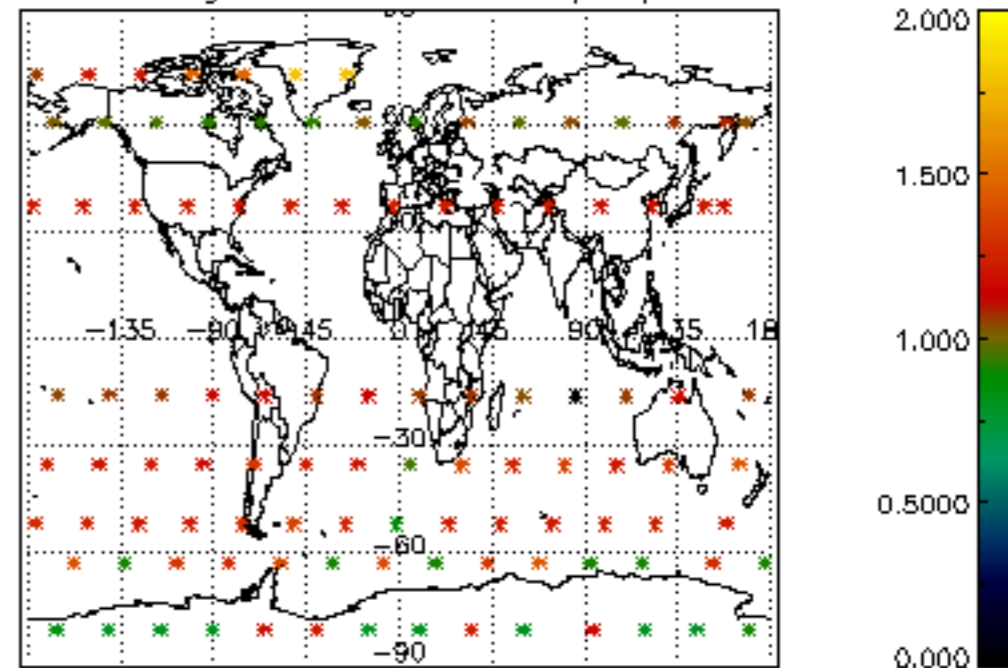
Percentage of saturation errors per profile



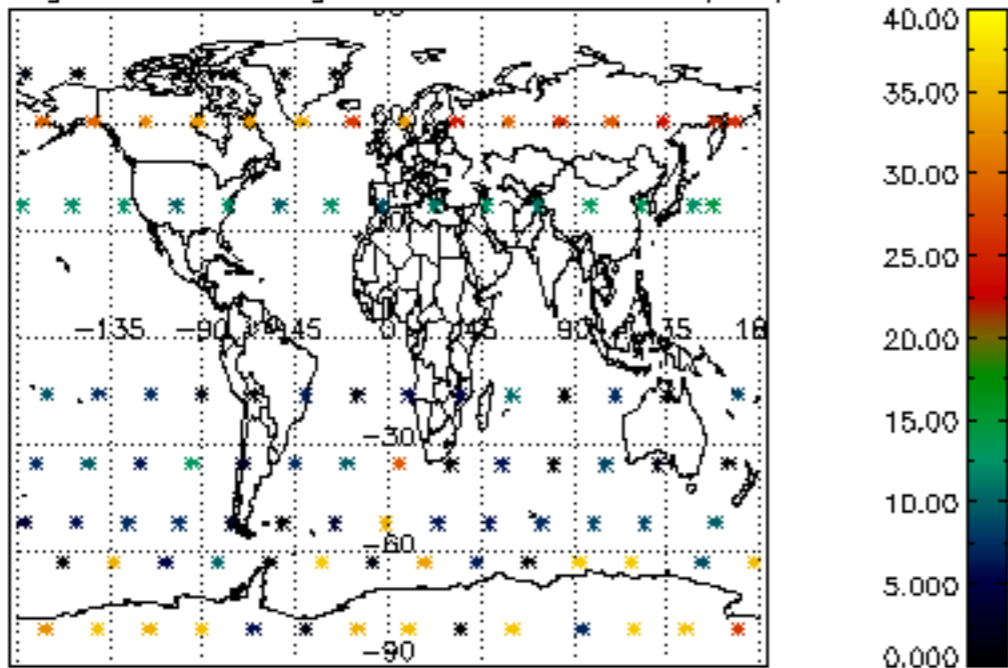
Percentage of cosmic ray hits per profile



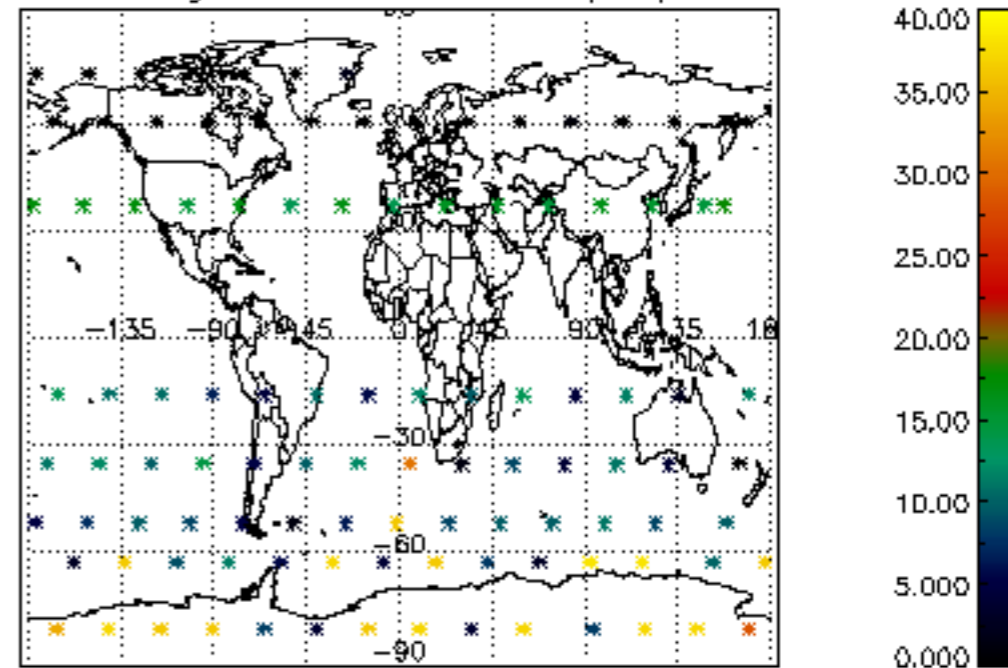
Percentage of datation errors per profile

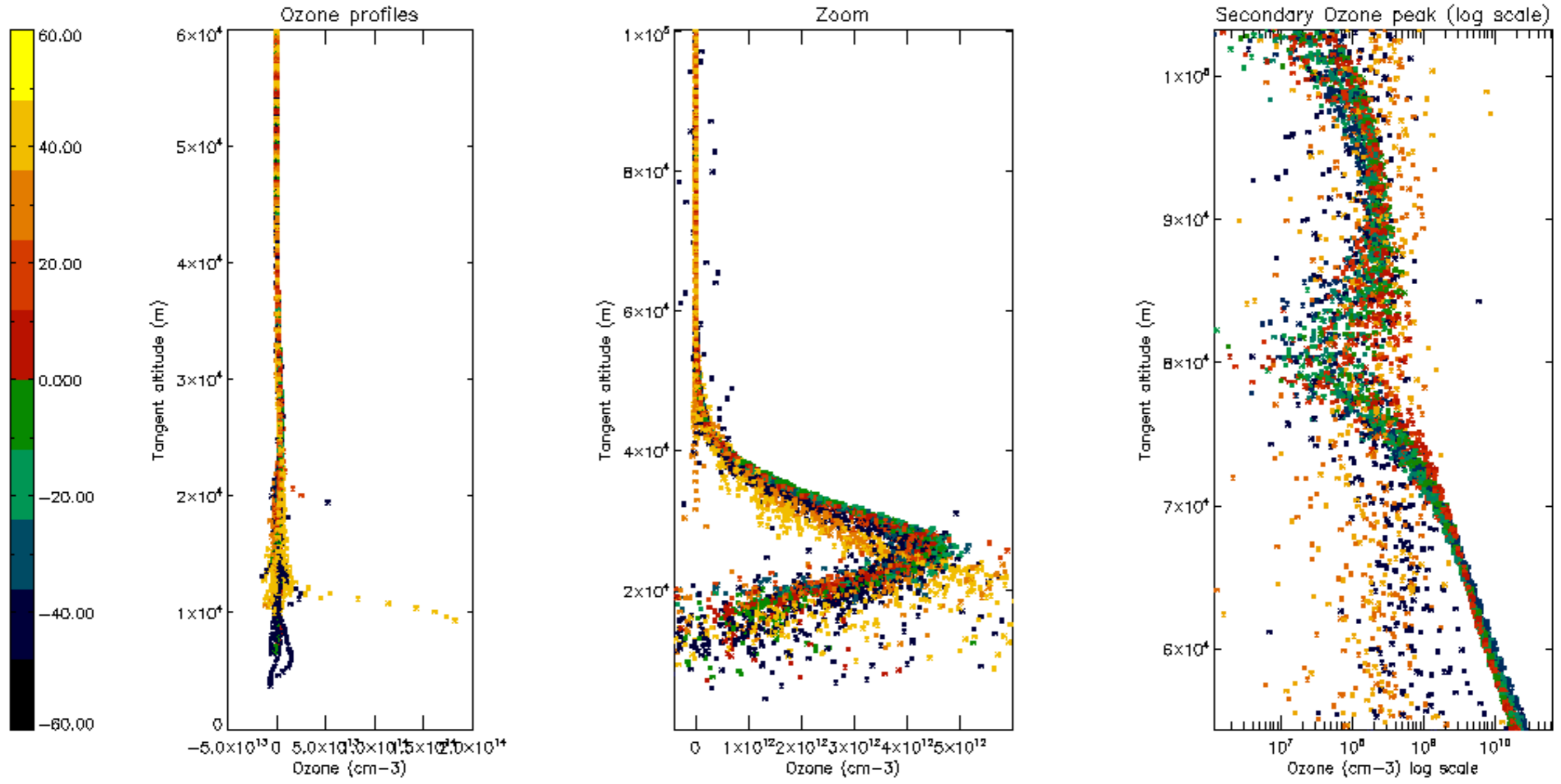


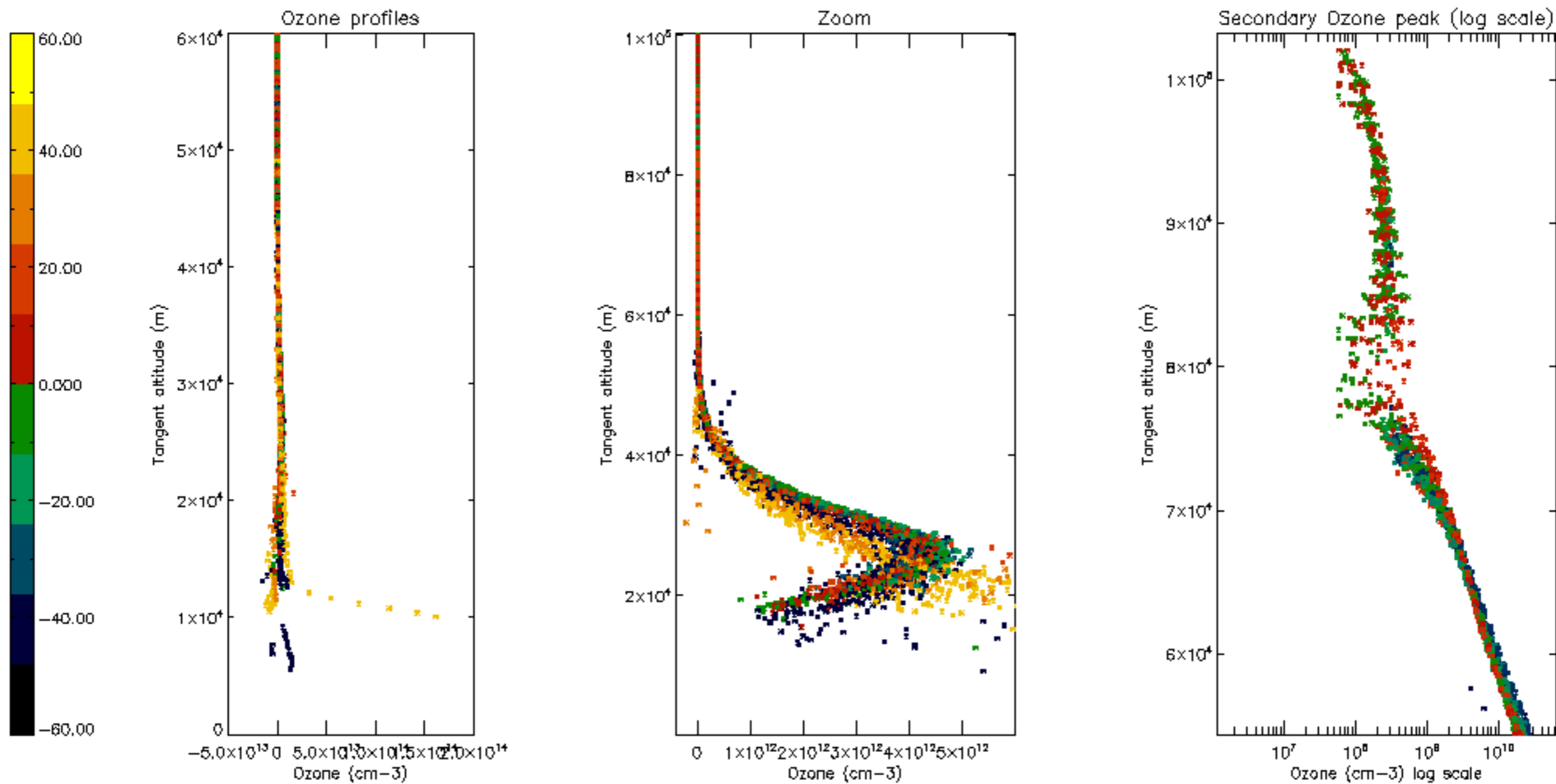
Percentage of star falling outside central band per profile

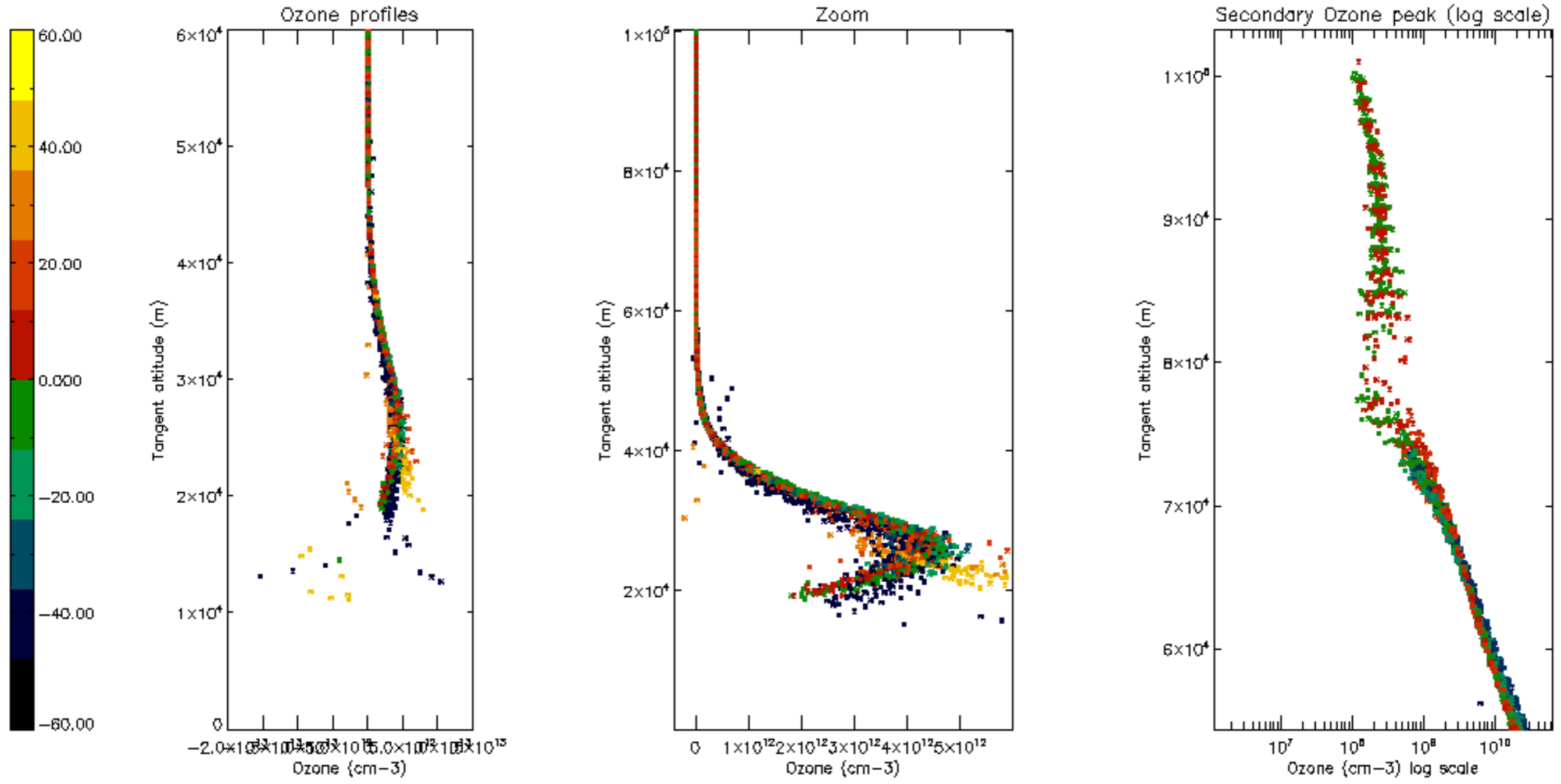


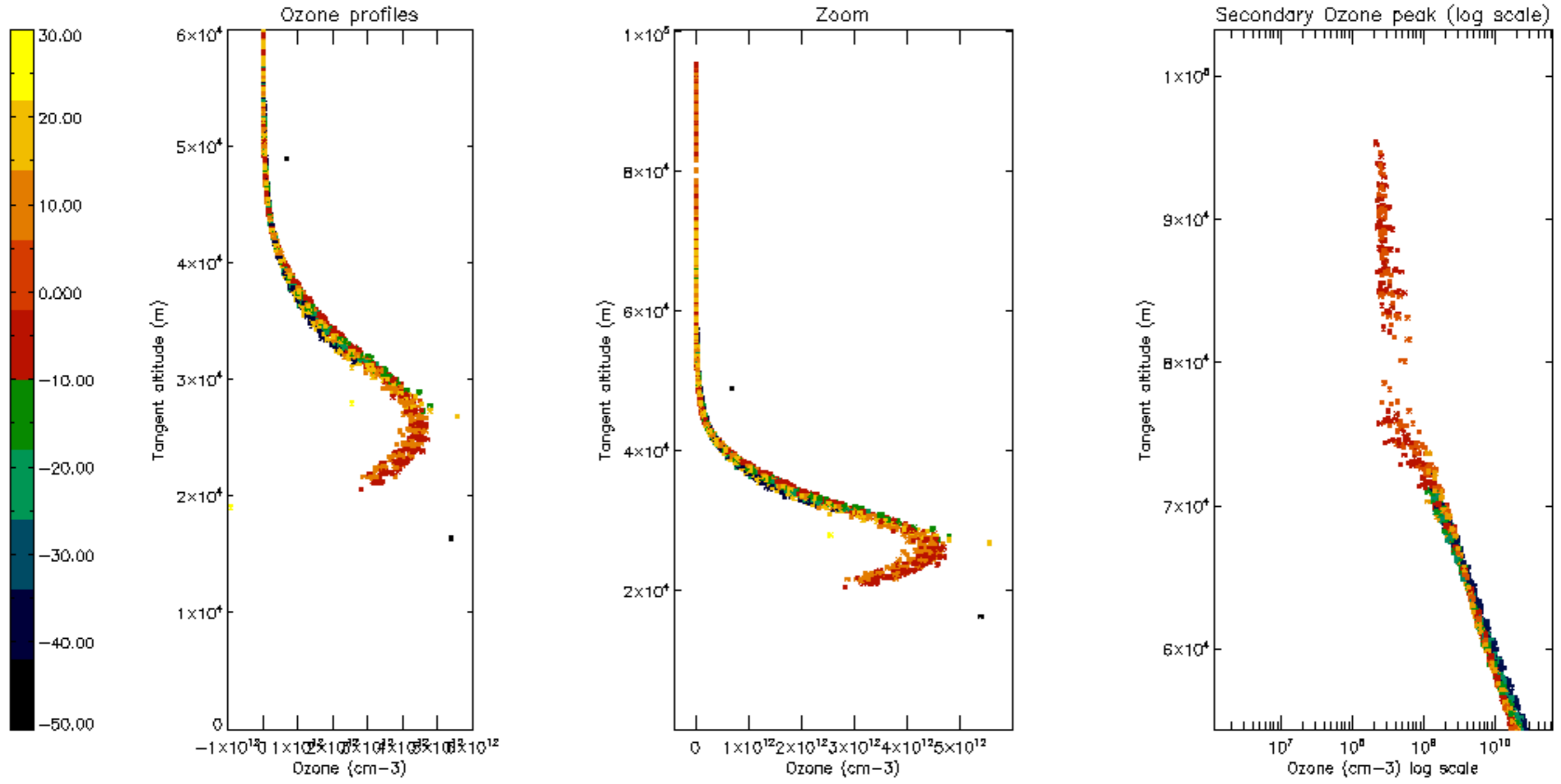
Percentage of saturation errors per profile

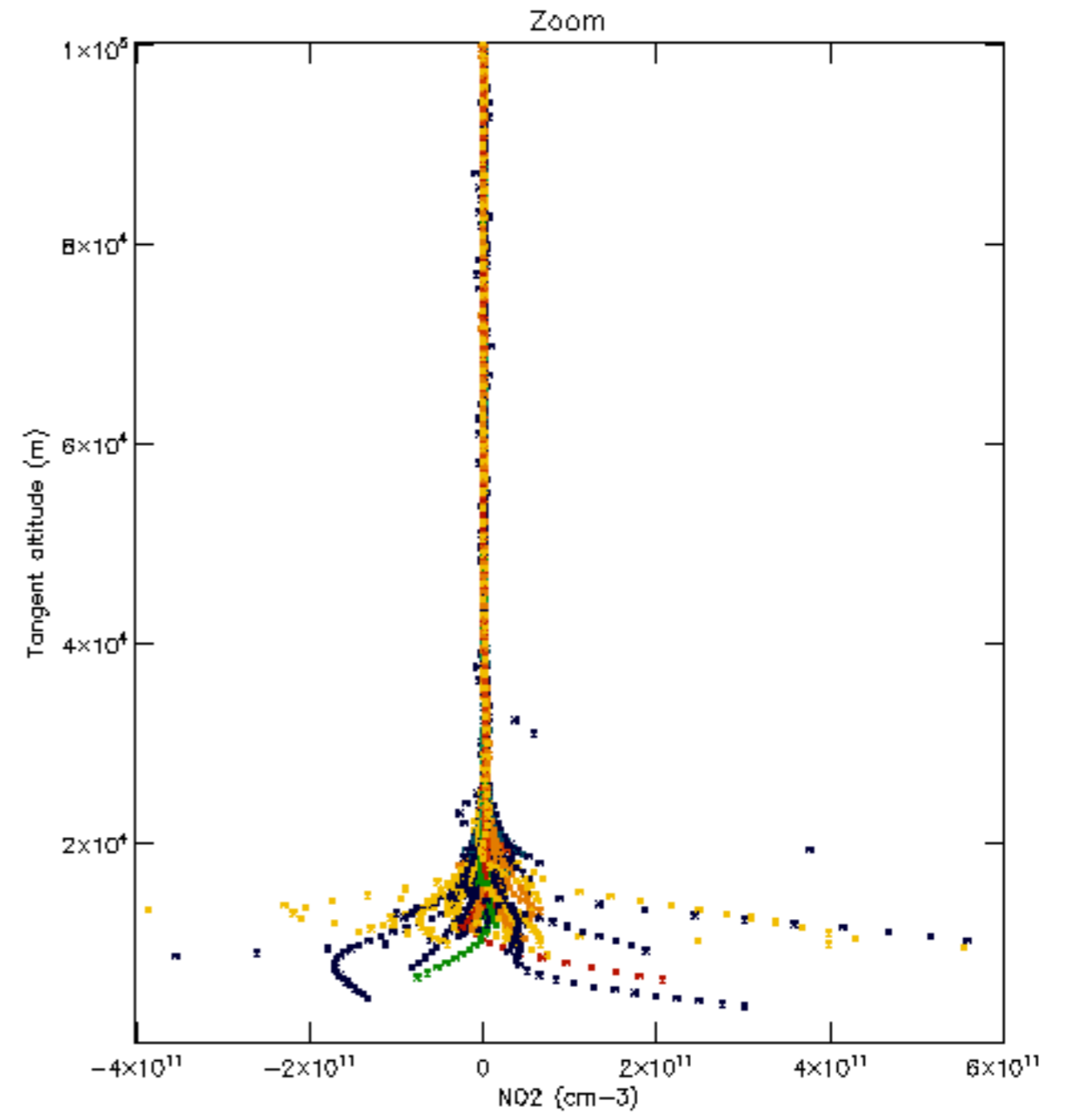
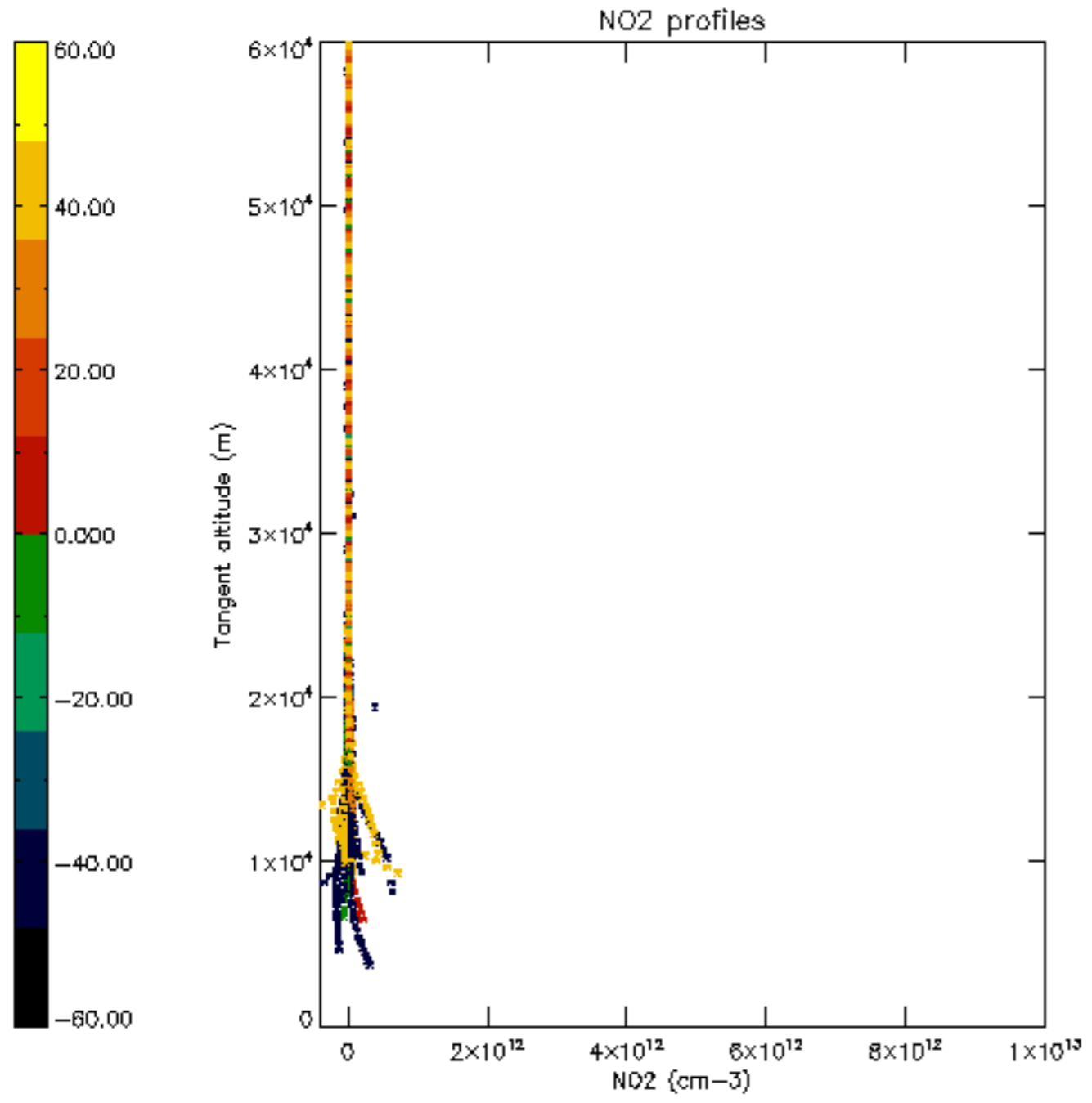


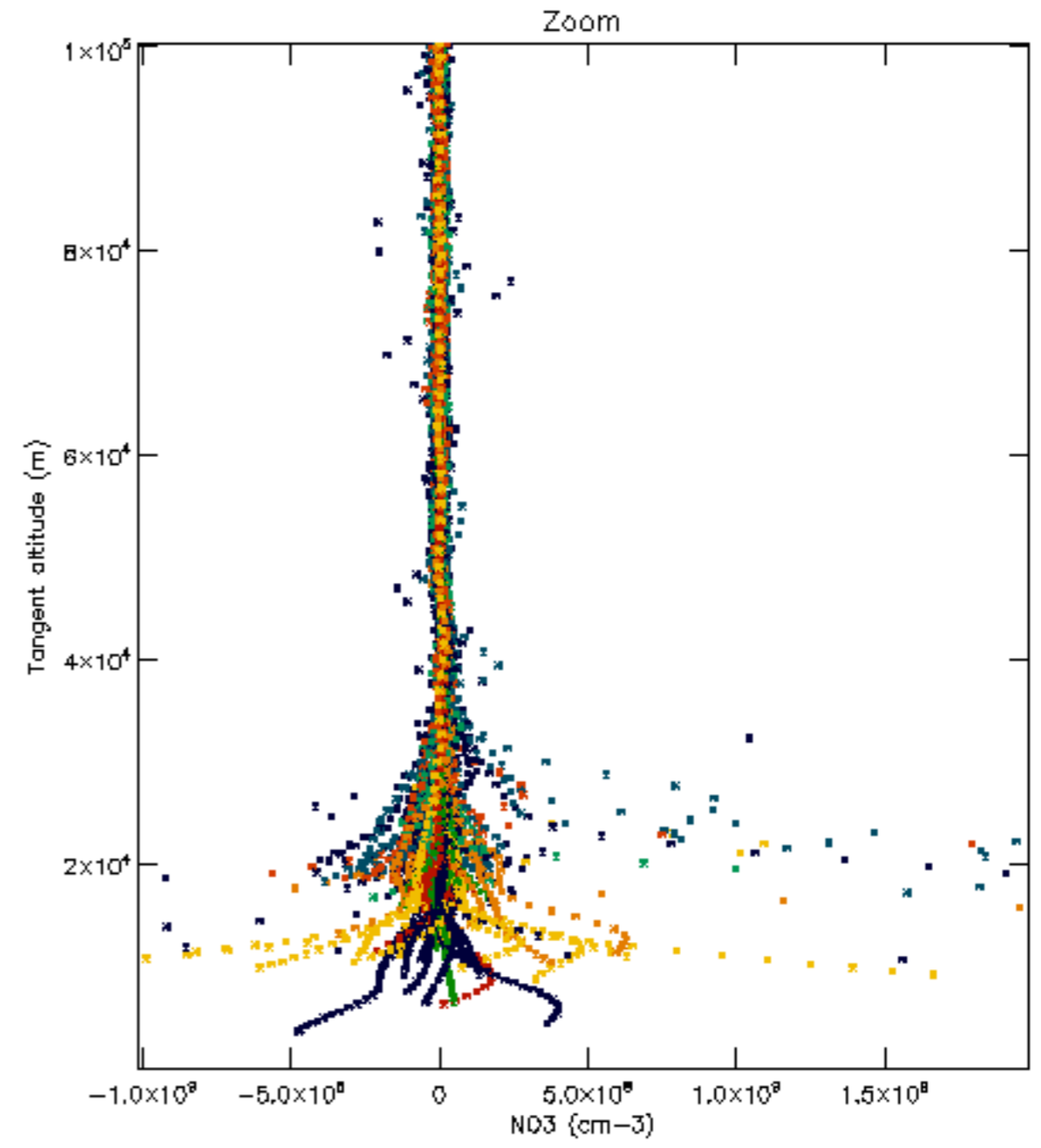
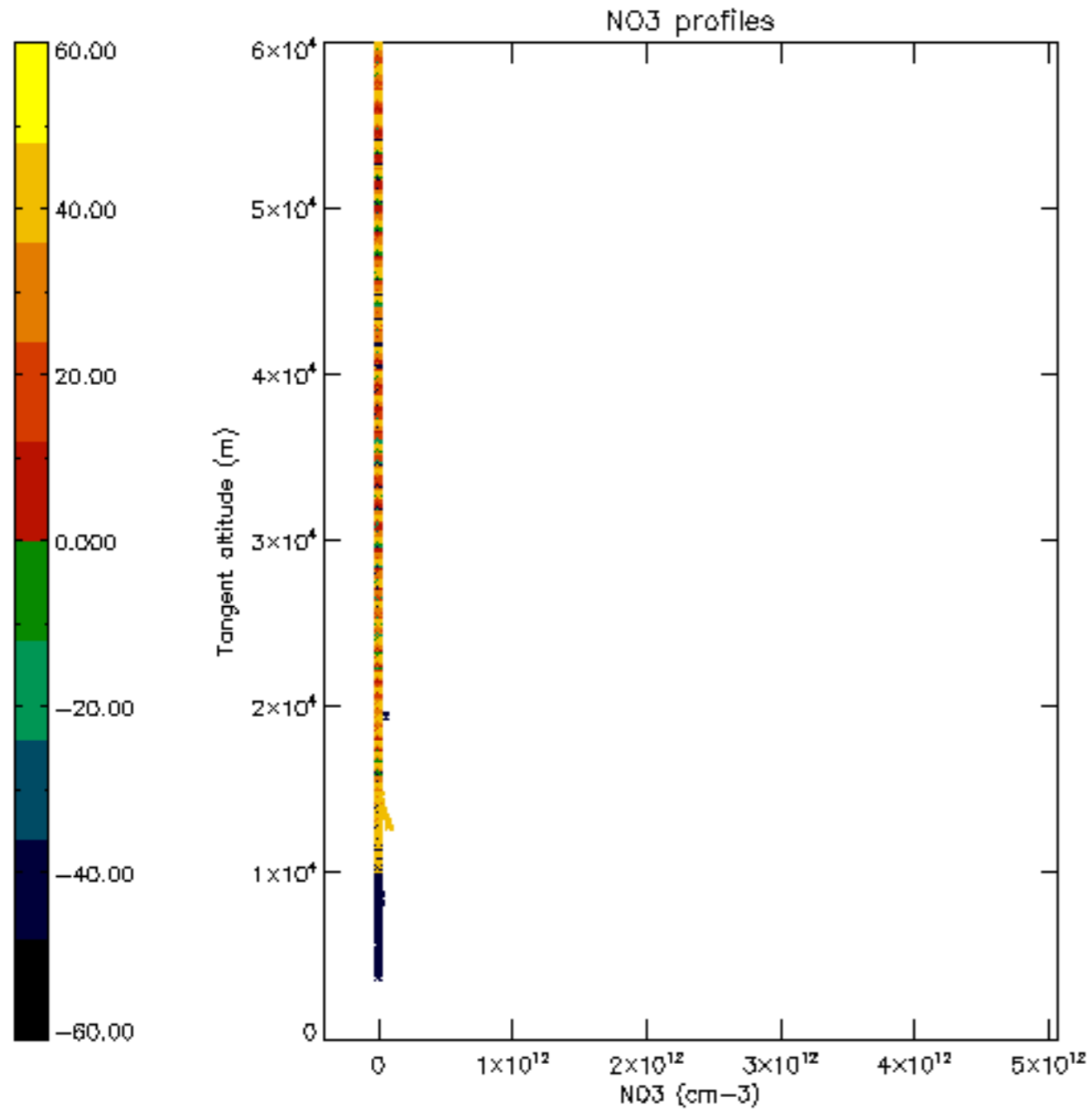


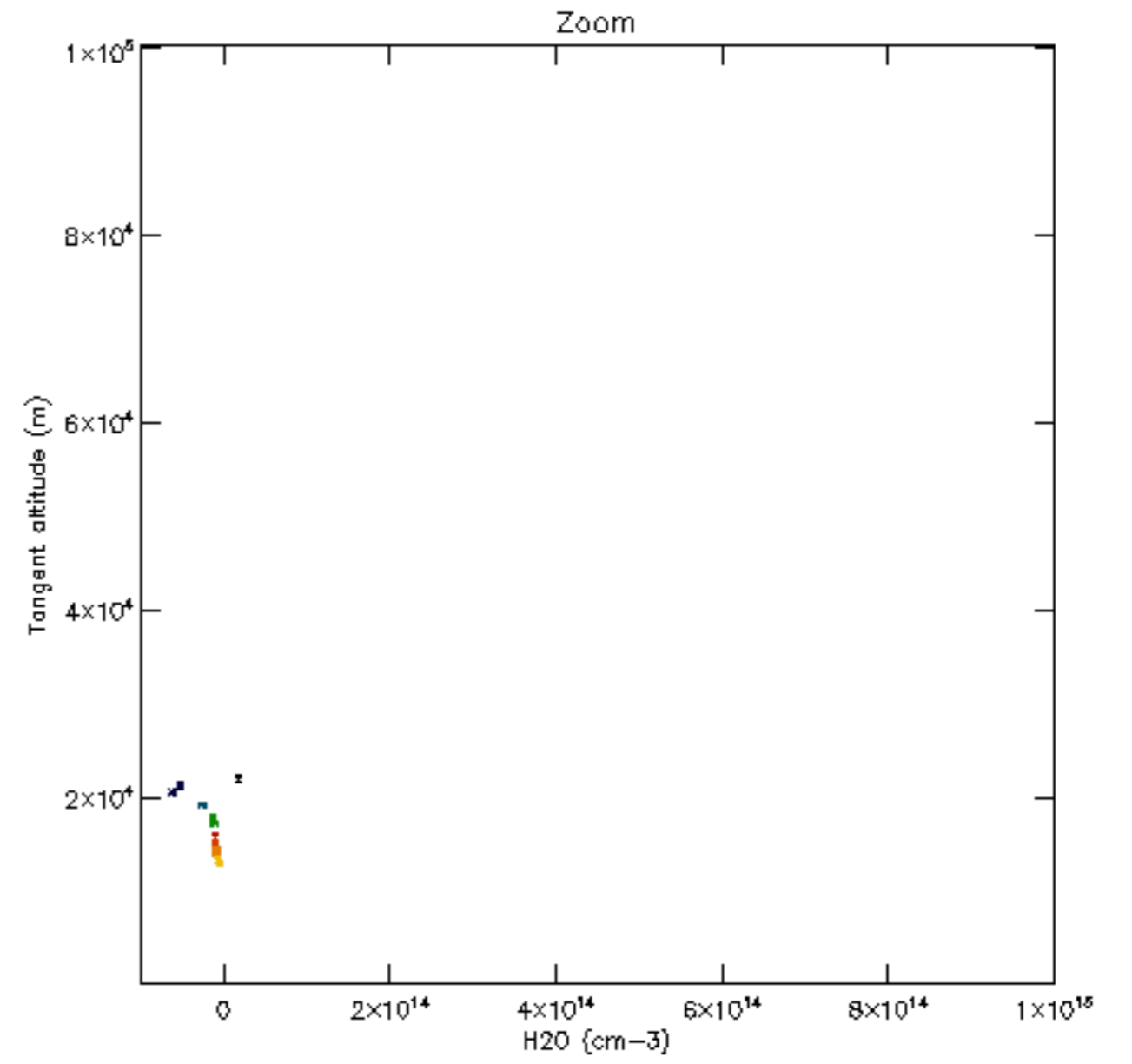
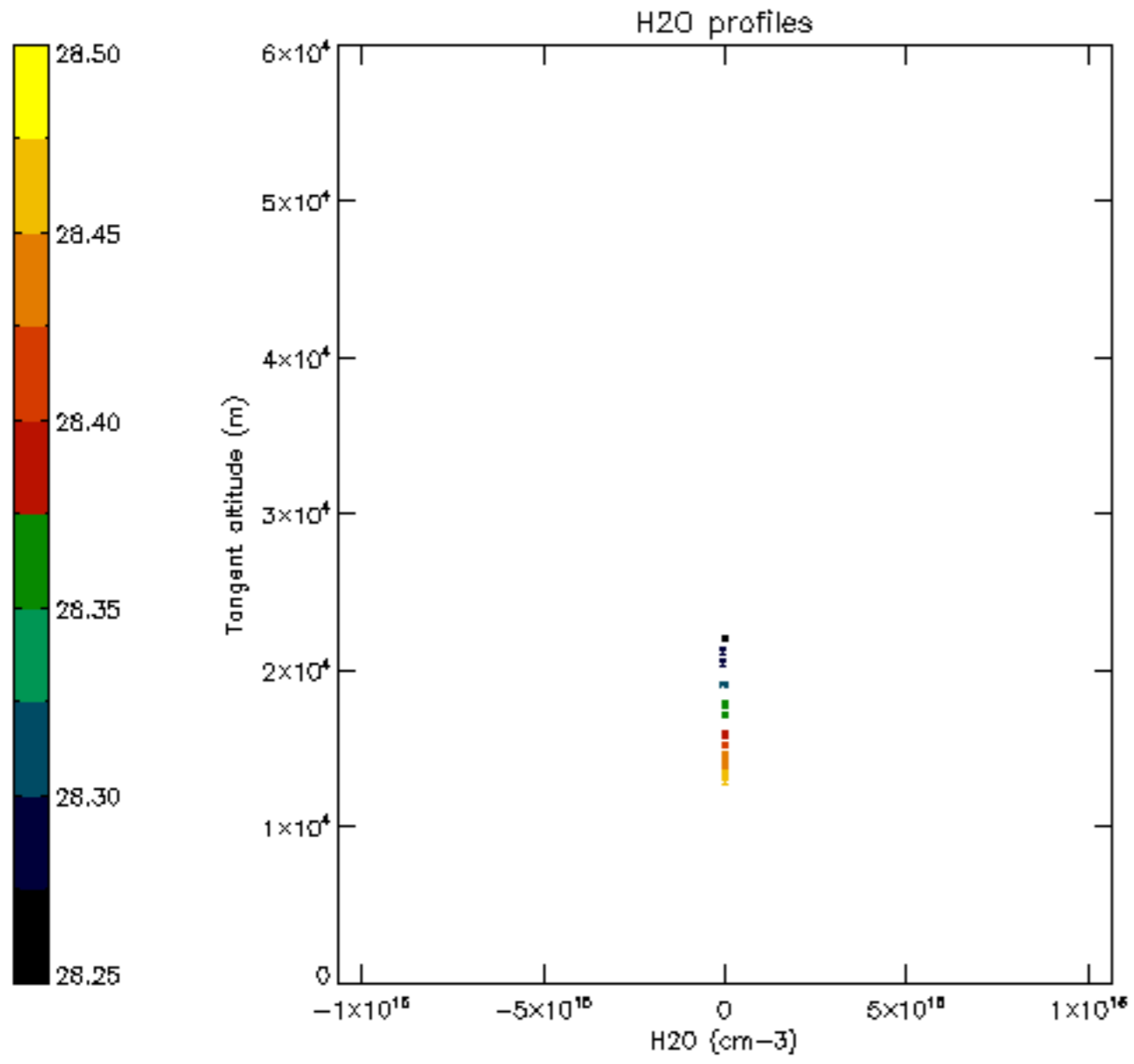


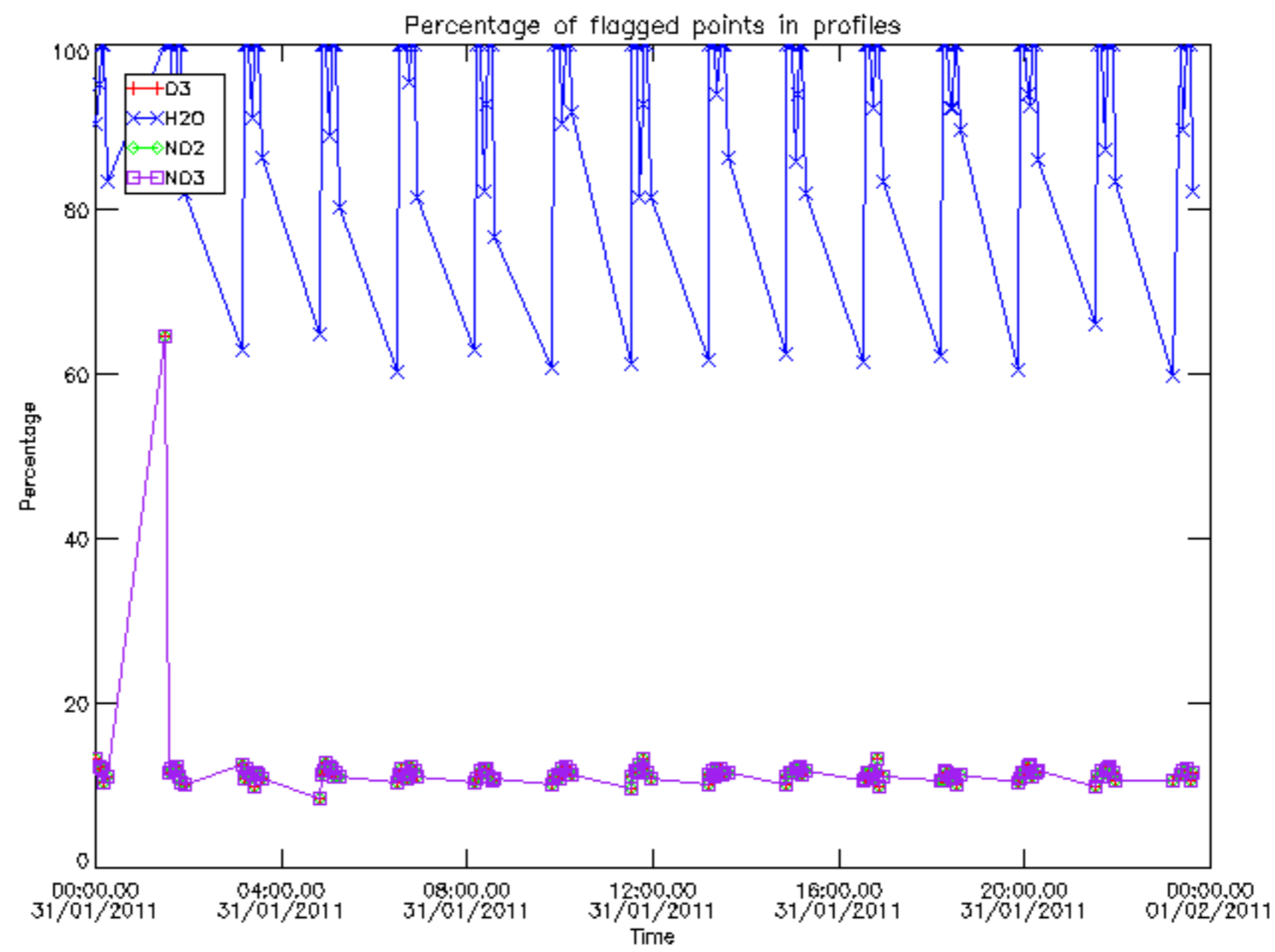




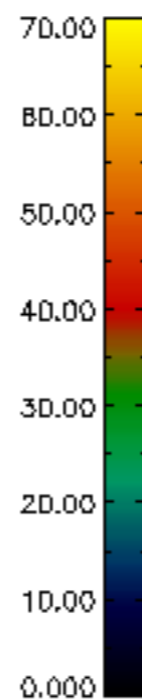
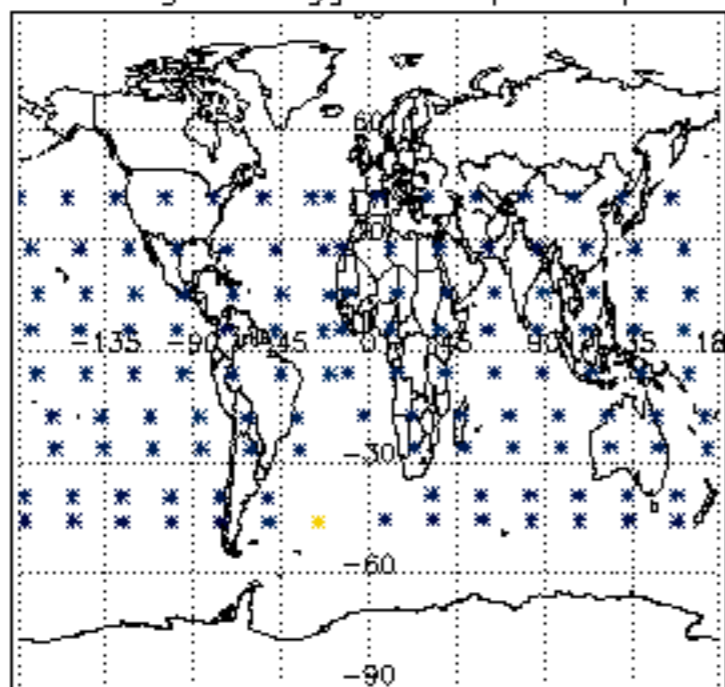




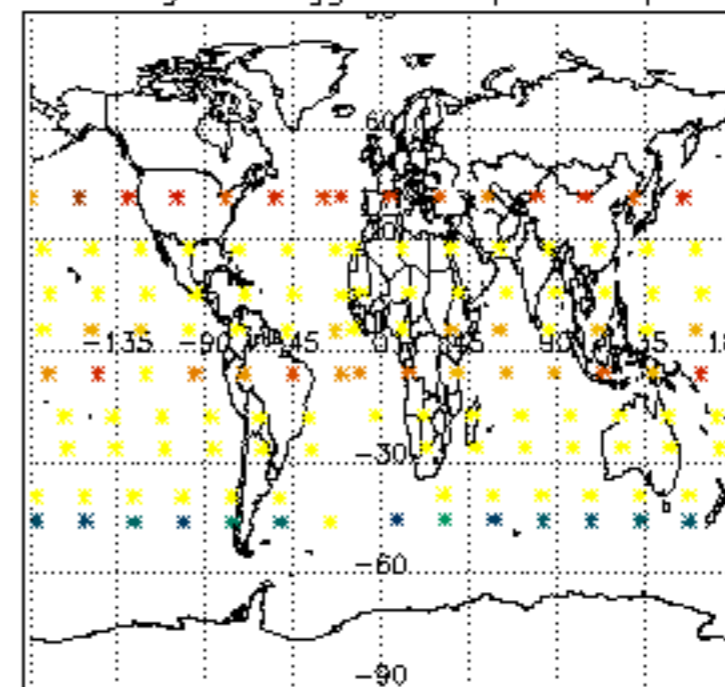




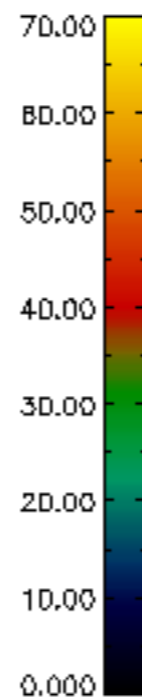
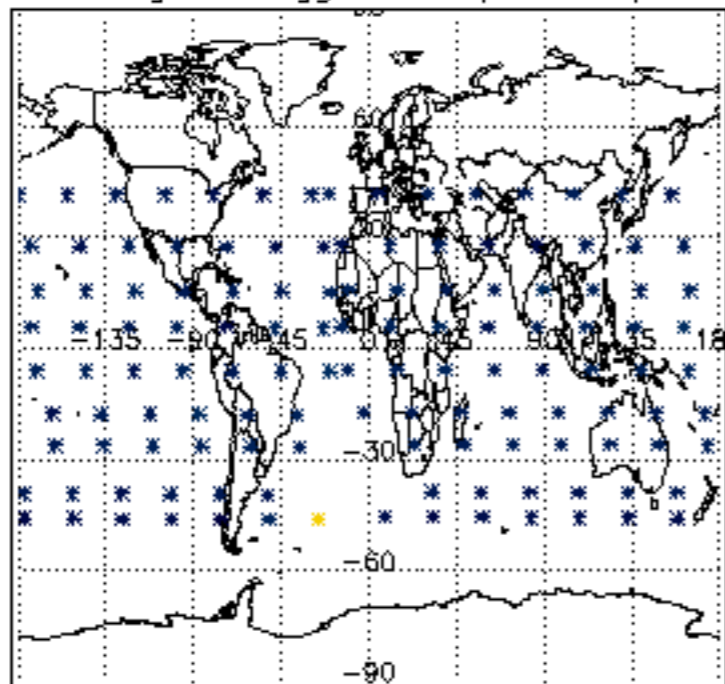
Percentage of flagged data per D3 profile



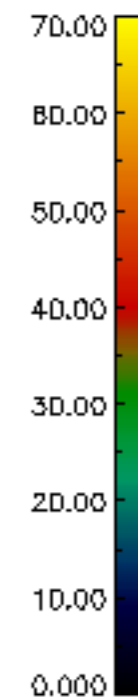
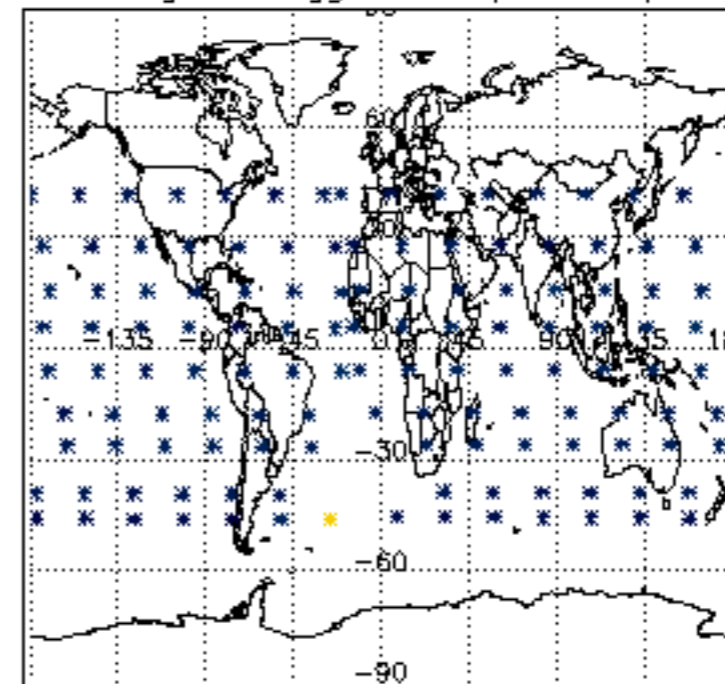
Percentage of flagged data per H2O profile

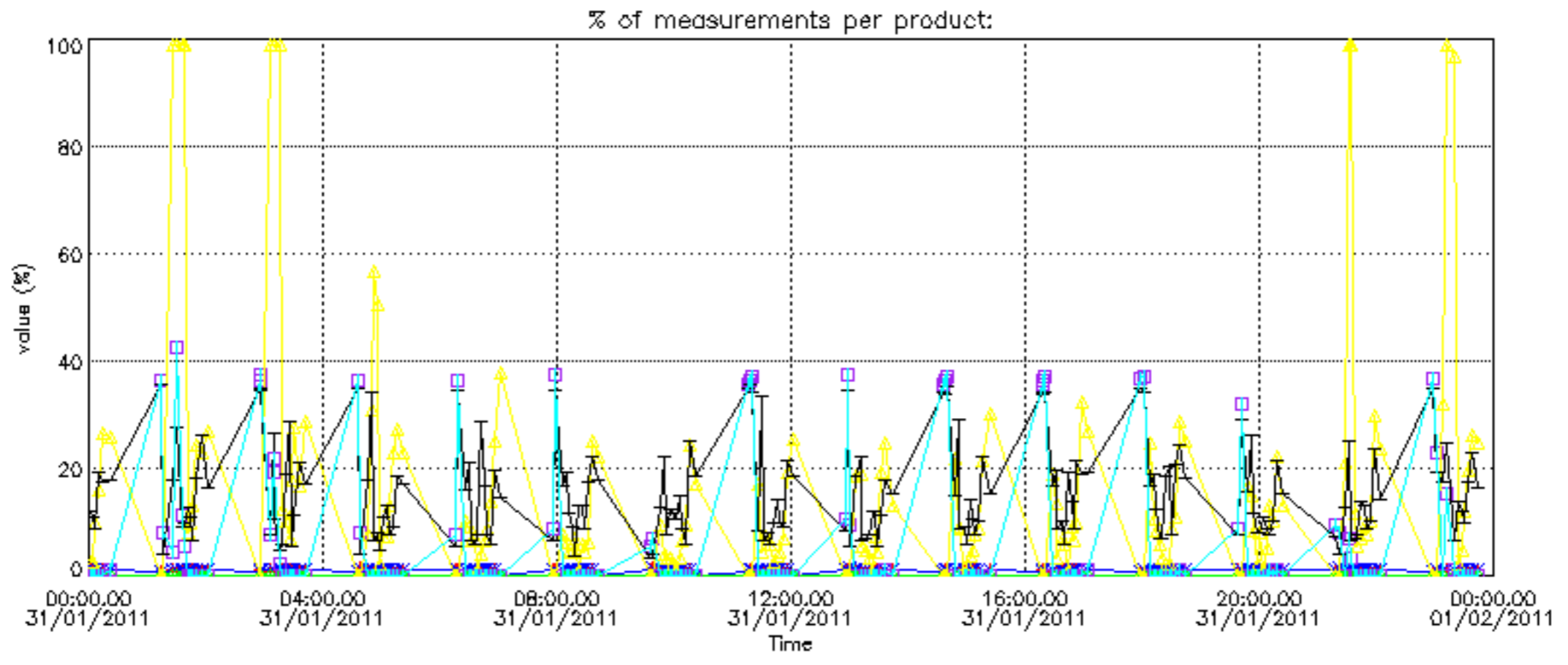


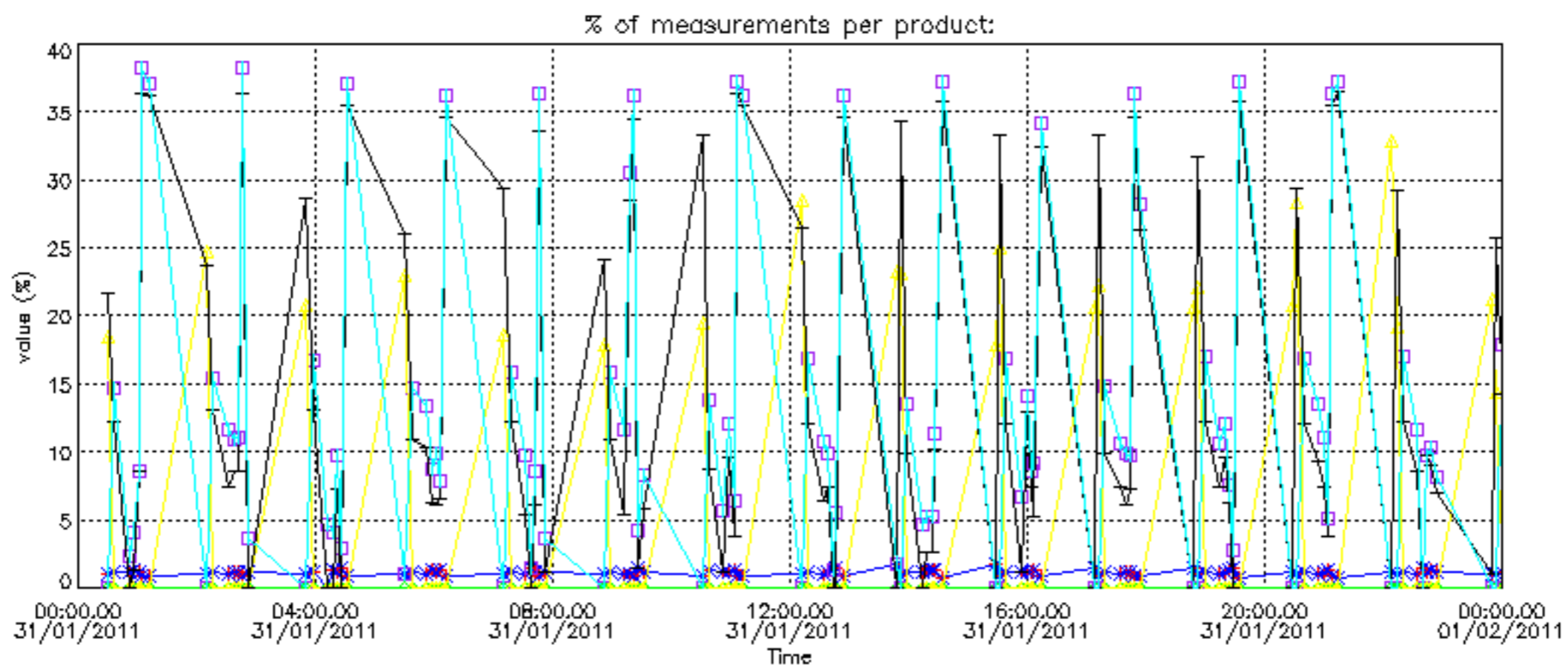
Percentage of flagged data per NO2 profile



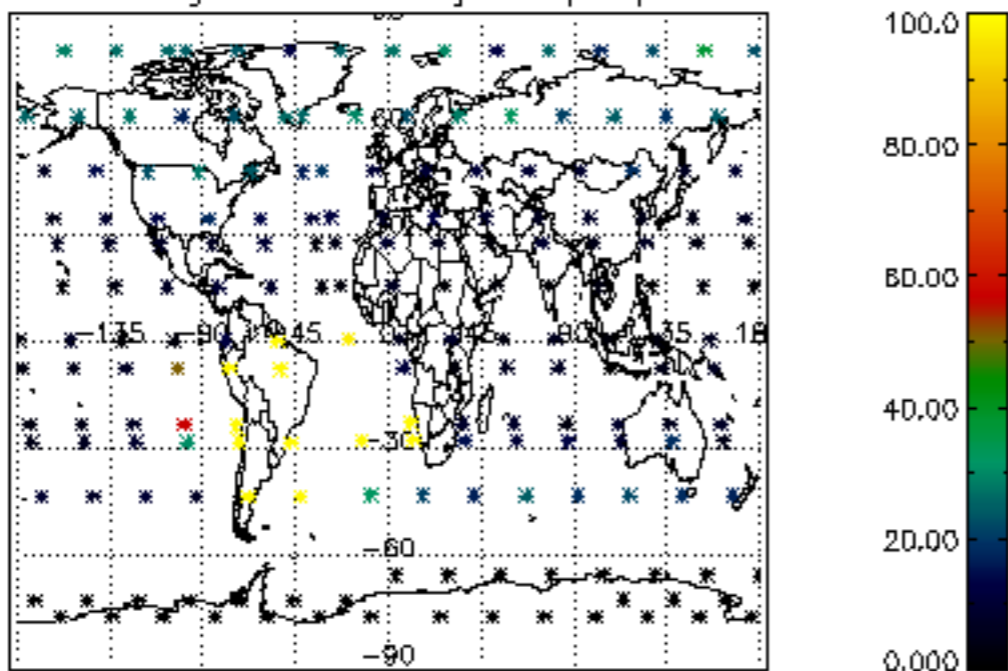
Percentage of flagged data per NO3 profile



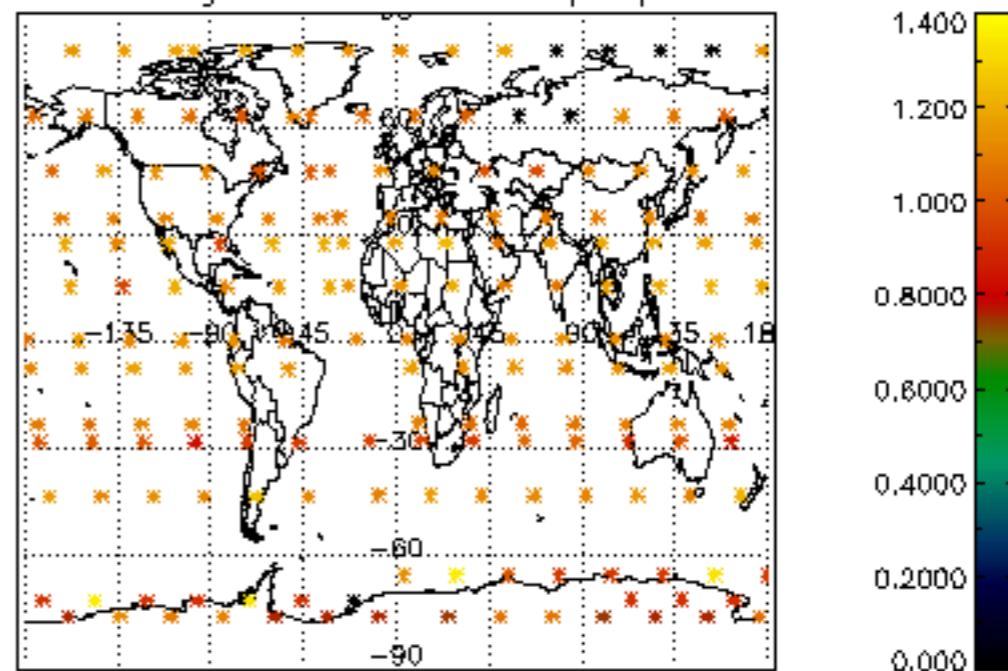




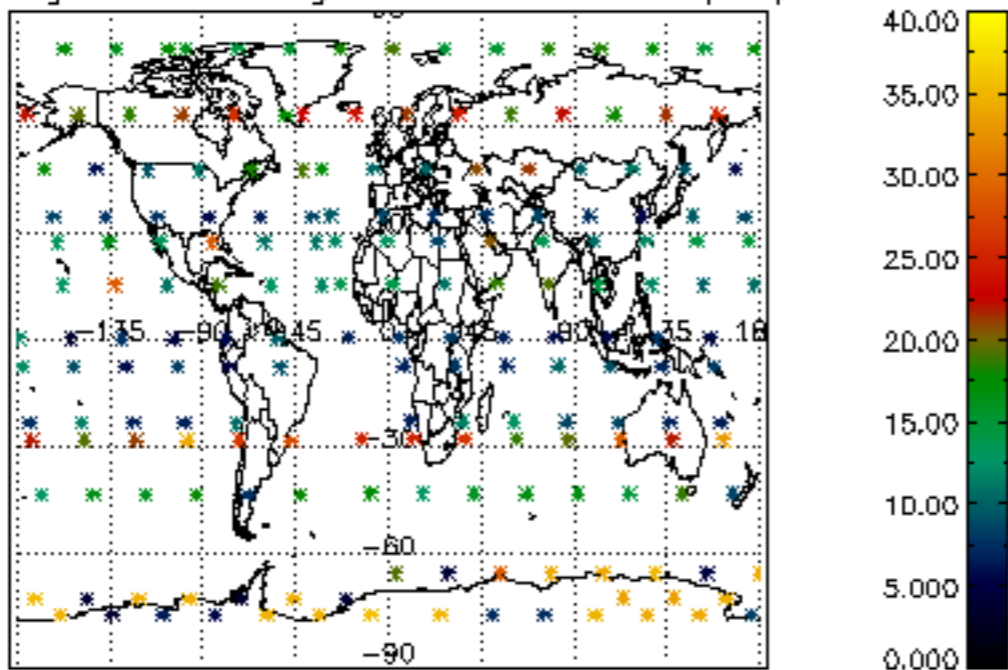
Percentage of cosmic ray hits per profile



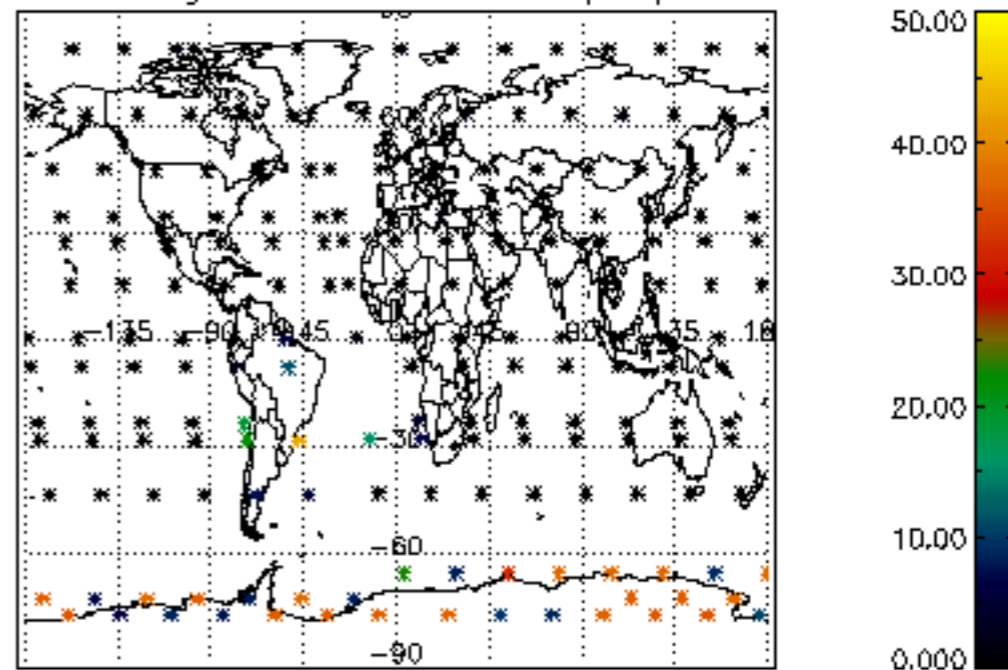
Percentage of datation errors per profile



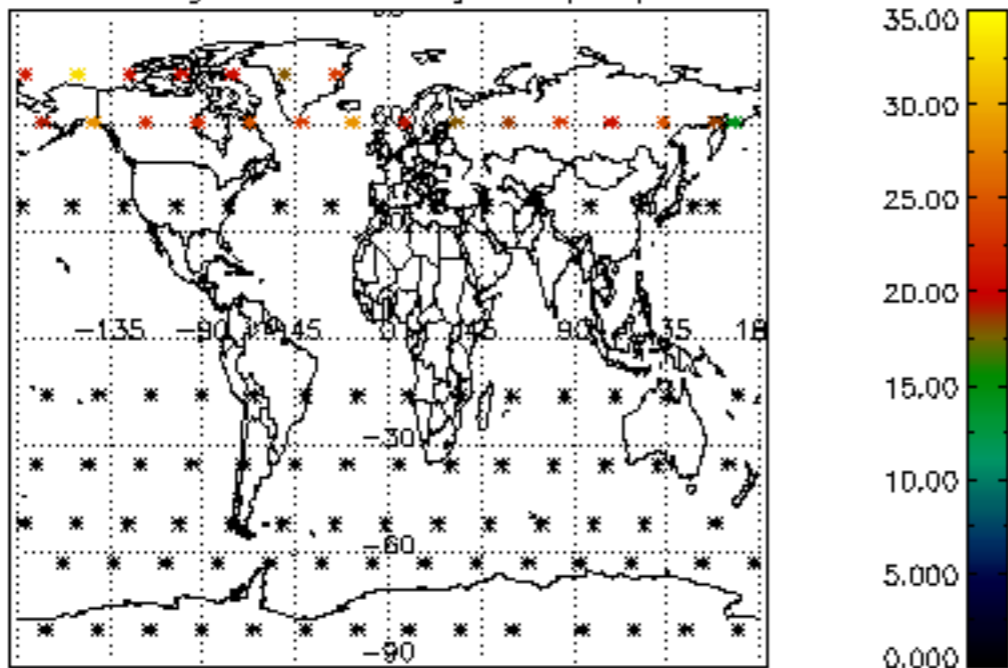
Percentage of star falling outside central band per profile



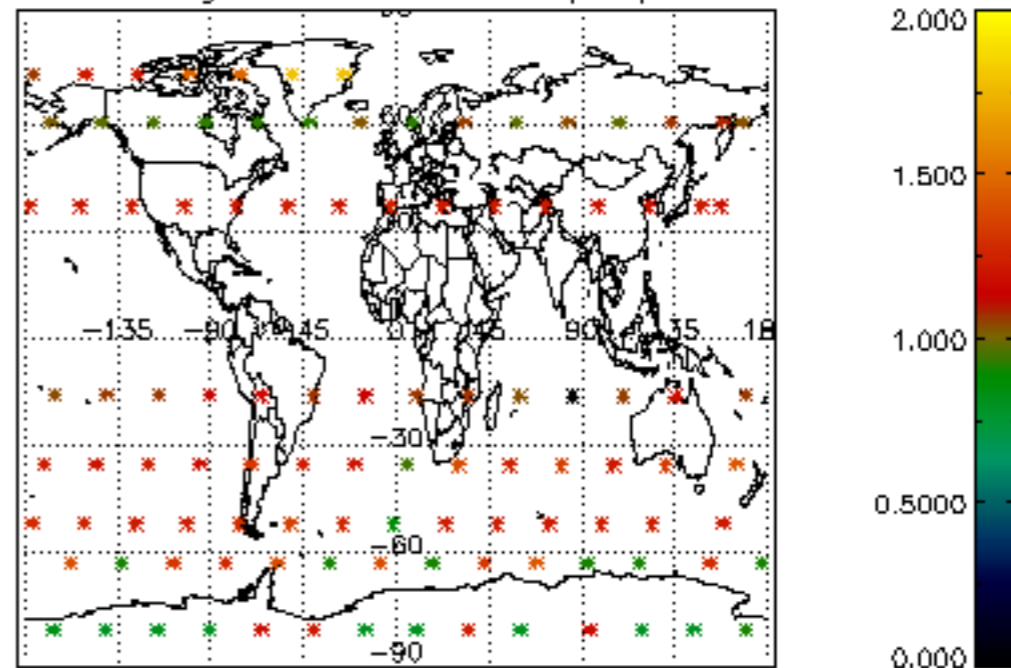
Percentage of saturation errors per profile



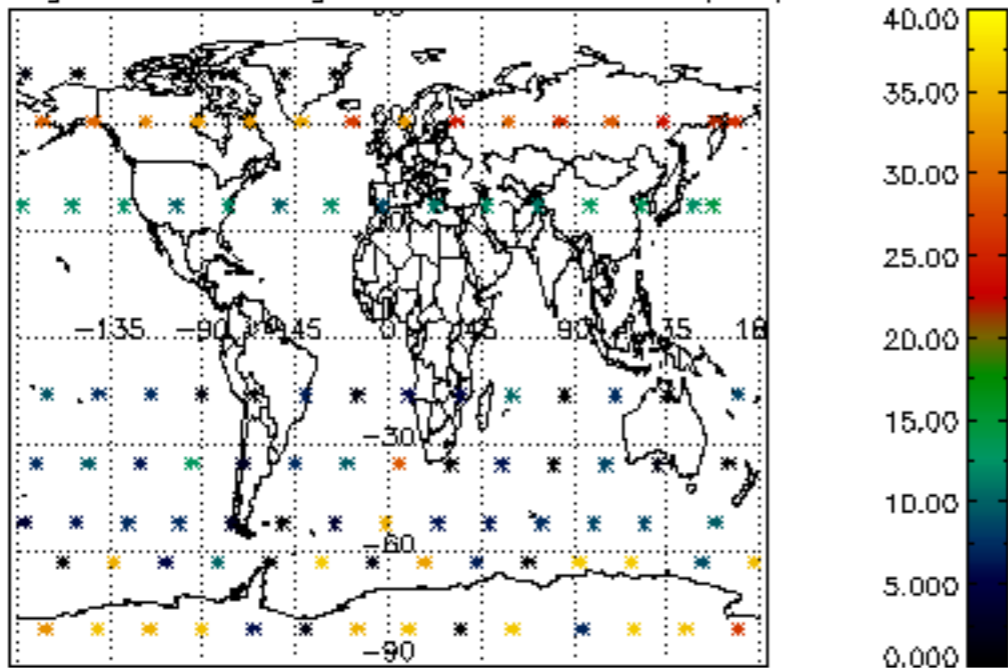
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

