

GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	29APR2013 09:44:53
Data source version	GOMOS/6.01
Start time of products	16-04-2010 (16APR2010 00:00:00)
Stop time of products	17-04-2010 (17APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	268
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__2PRFIN20100416_000659_000000542088_00345_42483_4750.N1	16-APR-2010 00:06:59	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	42483	No
2	GOM_NL__2PRFIN20100416_000927_000000462088_00345_42483_4751.N1	16-APR-2010 00:09:27	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42483	No
3	GOM_NL__2PRFIN20100416_001205_000000502088_00345_42483_4752.N1	16-APR-2010 00:12:05	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	42483	No
4	GOM_NL__2PRFIN20100416_001429_000000452088_00345_42483_4753.N1	16-APR-2010 00:14:29	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42483	No
5	GOM_NL__2PRFIN20100416_003446_000000542088_00346_42484_4762.N1	16-APR-2010 00:34:46	Dark	54.000	40	The Sco	1.8590	7100.0	108	42484	No
6	GOM_NL__2PRFIN20100416_004149_000000432088_00346_42484_4763.N1	16-APR-2010 00:41:49	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42484	No
7	GOM_NL__2PRFIN20100416_004324_000000462088_00346_42484_4764.N1	16-APR-2010 00:43:24	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42484	No
8	GOM_NL__2PRFIN20100416_004546_000000472088_00346_42484_4765.N1	16-APR-2010 00:45:46	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42484	No
9	GOM_NL__2PRFIN20100416_005029_000000452088_00346_42484_4766.N1	16-APR-2010 00:50:29	Twilight_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	42484	No
10	GOM_NL__2PRFIN20100416_005407_000000472088_00346_42484_4767.N1	16-APR-2010 00:54:07	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	42484	No
11	GOM_NL__2PRFIN20100416_005710_000000392088_00346_42484_4768.N1	16-APR-2010 00:57:10	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42484	No
12	GOM_NL__2PRFIN20100416_010057_000000412088_00346_42484_4769.N1	16-APR-2010 01:00:57	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42484	No
13	GOM_NL__2PRFIN20100416_010419_000000492088_00346_42484_4770.N1	16-APR-2010 01:04:19	Bright	49.000	111	8Eta Boo	2.6800	6000.0	98	42484	No
14	GOM_NL__2PRFIN20100416_010904_000000402088_00346_42484_4771.N1	16-APR-2010 01:09:04	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42484	No
15	GOM_NL__2PRFIN20100416_011322_000000432088_00346_42484_4772.N1	16-APR-2010 01:13:22	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	42484	No
16	GOM_NL__2PRFIN20100416_012027_000000372088_00346_42484_4773.N1	16-APR-2010 01:20:27	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42484	No
17	GOM_NL__2PRFIN20100416_012152_000000482088_00346_42484_4774.N1	16-APR-2010 01:21:52	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	42484	No
18	GOM_NL__2PRFIN20100416_013033_000000382088_00346_42484_4775.N1	16-APR-2010 01:30:33	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42484	No
19	GOM_NL__2PRFIN20100416_013549_000000472088_00346_42484_4776.N1	16-APR-2010 01:35:49	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	42484	No
20	GOM_NL__2PRFIN20100416_014030_000000362088_00346_42484_4777.N1	16-APR-2010 01:40:30	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	42484	No
21	GOM_NL__2PRFIN20100416_014735_000000522088_00346_42484_4778.N1	16-APR-2010 01:47:35	Dark	52.000	61	8Eps Peg	2.1000	3900.0	104	42484	No
22	GOM_NL__2PRFIN20100416_015004_000000482088_00346_42484_4779.N1	16-APR-2010 01:50:04	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	42484	No
23	GOM_NL__2PRFIN20100416_015242_000000472088_00346_42484_4780.N1	16-APR-2010 01:52:42	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42484	No
24	GOM_NL__2PRFIN20100416_015505_000000442088_00346_42484_4781.N1	16-APR-2010 01:55:05	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42484	No
25	GOM_NL__2PRFIN20100416_021523_000000592088_00347_42485_4770.N1	16-APR-2010 02:15:23	Dark	59.000	40	The Sco	1.8590	7100.0	118	42485	No
26	GOM_NL__2PRFIN20100416_022225_000000432088_00347_42485_4771.N1	16-APR-2010 02:22:25	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42485	No
27	GOM_NL__2PRFIN20100416_022400_000000452088_00347_42485_4772.N1	16-APR-2010 02:24:00	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42485	No
28	GOM_NL__2PRFIN20100416_022622_000000492088_00347_42485_4773.N1	16-APR-2010 02:26:22	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42485	No
29	GOM_NL__2PRFIN20100416_023105_000000452088_00347_42485_4774.N1	16-APR-2010 02:31:05	Twilight_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	42485	No
30	GOM_NL__2PRFIN20100416_023443_000000522088_00347_42485_4775.N1	16-APR-2010 02:34:43	Bright	51.500	15	67Alp Vir	0.97600	28000.	103	42485	No
31	GOM_NL__2PRFIN20100416_023746_000000382088_00347_42485_4776.N1	16-APR-2010 02:37:46	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	42485	No
32	GOM_NL__2PRFIN20100416_024132_000000412088_00347_42485_4777.N1	16-APR-2010 02:41:32	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42485	No
33	GOM_NL__2PRFIN20100416_024455_000000492088_00347_42485_4778.N1	16-APR-2010 02:44:55	Bright	48.500	111	8Eta Boo	2.6800	6000.0	97	42485	No
34	GOM_NL__2PRFIN20100416_024939_000000402088_00347_42485_4779.N1	16-APR-2010 02:49:39	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42485	No
35	GOM_NL__2PRFIN20100416_025358_000000422088_00347_42485_4780.N1	16-APR-2010 02:53:58	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42485	No
36	GOM_NL__2PRFIN20100416_030102_000000412088_00347_42485_4781.N1	16-APR-2010 03:01:02	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42485	No
37	GOM_NL__2PRFIN20100416_030227_000000472088_00347_42485_4782.N1	16-APR-2010 03:02:27	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	42485	No
38	GOM_NL__2PRFIN20100416_031109_000000422088_00347_42485_4783.N1	16-APR-2010 03:11:09	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42485	No
39	GOM_NL__2PRFIN20100416_031625_000000512088_00347_42485_4784.N1	16-APR-2010 03:16:25	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	42485	No
40	GOM_NL__2PRFIN20100416_032106_000000512088_00347_42485_4785.N1	16-APR-2010 03:21:06	Bright	51.000	164	44Eta Peg	2.9480	5400.0	102	42485	No
41	GOM_NL__2PRFIN20100416_032812_000000522088_00347_42485_4786.N1	16-APR-2010 03:28:12	Dark	51.500	61	8Eps Peg	2.1000	3900.0	103	42485	No
42	GOM_NL__2PRFIN20100416_033040_000000452088_00347_42485_4787.N1	16-APR-2010 03:30:40	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	42485	No

43	GOM_NL__2PRFIN20100416_033319_000000482088_00347_42485_4788.N1	16-APR-2010 03:33:19	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42485	No
44	GOM_NL__2PRFIN20100416_033542_000000452088_00347_42485_4789.N1	16-APR-2010 03:35:42	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42485	No
45	GOM_NL__2PRFIN20100416_035600_000000572088_00348_42486_4778.N1	16-APR-2010 03:56:00	Dark	56.500	40	The Sco	1.8590	7100.0	113	42486	No
46	GOM_NL__2PRFIN20100416_040302_000000442088_00348_42486_4779.N1	16-APR-2010 04:03:02	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42486	No
47	GOM_NL__2PRFIN20100416_040437_000000432088_00348_42486_4780.N1	16-APR-2010 04:04:37	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42486	No
48	GOM_NL__2PRFIN20100416_040659_000000452088_00348_42486_4781.N1	16-APR-2010 04:06:59	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	42486	No
49	GOM_NL__2PRFIN20100416_041141_000000442088_00348_42486_4782.N1	16-APR-2010 04:11:41	Tw_i_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42486	No
50	GOM_NL__2PRFIN20100416_041519_000000462088_00348_42486_4783.N1	16-APR-2010 04:15:19	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	42486	No
51	GOM_NL__2PRFIN20100416_041822_000000392088_00348_42486_4784.N1	16-APR-2010 04:18:22	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42486	No
52	GOM_NL__2PRFIN20100416_042208_000000402088_00348_42486_4785.N1	16-APR-2010 04:22:08	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	42486	No
53	GOM_NL__2PRFIN20100416_042531_000000482088_00348_42486_4786.N1	16-APR-2010 04:25:31	Bright	48.000	111	8Eta Boo	2.6800	6000.0	96	42486	No
54	GOM_NL__2PRFIN20100416_043015_000000392088_00348_42486_4787.N1	16-APR-2010 04:30:15	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42486	No
55	GOM_NL__2PRFIN20100416_043433_000000422088_00348_42486_4788.N1	16-APR-2010 04:34:33	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42486	No
56	GOM_NL__2PRFIN20100416_044138_000000402088_00348_42486_4789.N1	16-APR-2010 04:41:38	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42486	No
57	GOM_NL__2PRFIN20100416_044302_000000692088_00348_42486_4790.N1	16-APR-2010 04:43:02	Bright	68.500	119	14Eta Dra	2.7270	4700.0	137	42486	No
58	GOM_NL__2PRFIN20100416_045145_000000422088_00348_42486_4791.N1	16-APR-2010 04:51:45	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42486	No
59	GOM_NL__2PRFIN20100416_045701_000000512088_00348_42486_4792.N1	16-APR-2010 04:57:01	Bright	51.000	19	50Alp Cyg	1.2460	10500.	102	42486	No
60	GOM_NL__2PRFIN20100416_050142_000000542088_00348_42486_4793.N1	16-APR-2010 05:01:42	Bright	54.000	164	44Eta Peg	2.9480	5400.0	108	42486	No
61	GOM_NL__2PRFIN20100416_050848_000000542088_00348_42486_4794.N1	16-APR-2010 05:08:48	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42486	No
62	GOM_NL__2PRFIN20100416_051117_000000472088_00348_42486_4795.N1	16-APR-2010 05:11:17	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42486	No
63	GOM_NL__2PRFIN20100416_051355_000000492088_00348_42486_4796.N1	16-APR-2010 05:13:55	Dark	48.500	154	22Bet Aqr	2.8990	5700.0	97	42486	No
64	GOM_NL__2PRFIN20100416_051618_000000422088_00348_42486_4797.N1	16-APR-2010 05:16:18	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	42486	No
65	GOM_NL__2PRFIN20100416_053638_000000512088_00349_42487_4786.N1	16-APR-2010 05:36:38	Dark	51.000	40	The Sco	1.8590	7100.0	102	42487	No
66	GOM_NL__2PRFIN20100416_054338_000000412088_00349_42487_4787.N1	16-APR-2010 05:43:38	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42487	No
67	GOM_NL__2PRFIN20100416_054513_000000422088_00349_42487_4788.N1	16-APR-2010 05:45:13	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	42487	No
68	GOM_NL__2PRFIN20100416_054735_000000492088_00349_42487_4789.N1	16-APR-2010 05:47:35	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42487	No
69	GOM_NL__2PRFIN20100416_055217_000000432088_00349_42487_4790.N1	16-APR-2010 05:52:17	Tw_i_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42487	No
70	GOM_NL__2PRFIN20100416_055555_000000462088_00349_42487_4791.N1	16-APR-2010 05:55:55	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	42487	No
71	GOM_NL__2PRFIN20100416_055858_000000402088_00349_42487_4792.N1	16-APR-2010 05:58:58	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42487	No
72	GOM_NL__2PRFIN20100416_060244_000000412088_00349_42487_4793.N1	16-APR-2010 06:02:44	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42487	No
73	GOM_NL__2PRFIN20100416_060606_000000642088_00349_42487_4794.N1	16-APR-2010 06:06:06	Bright	64.000	111	8Eta Boo	2.6800	6000.0	128	42487	No
74	GOM_NL__2PRFIN20100416_061051_000000392088_00349_42487_4795.N1	16-APR-2010 06:10:51	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42487	No
75	GOM_NL__2PRFIN20100416_061509_000000422088_00349_42487_4796.N1	16-APR-2010 06:15:09	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42487	No
76	GOM_NL__2PRFIN20100416_062214_000000562088_00349_42487_4797.N1	16-APR-2010 06:22:14	Bright	56.000	60	7Bet UMi	2.0810	3950.0	112	42487	No
77	GOM_NL__2PRFIN20100416_062338_000000462088_00349_42487_4798.N1	16-APR-2010 06:23:38	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	42487	No
78	GOM_NL__2PRFIN20100416_063221_000000382088_00349_42487_4799.N1	16-APR-2010 06:32:21	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42487	No
79	GOM_NL__2PRFIN20100416_063737_000000502088_00349_42487_4800.N1	16-APR-2010 06:37:37	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	42487	No
80	GOM_NL__2PRFIN20100416_064218_000000382088_00349_42487_4801.N1	16-APR-2010 06:42:18	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	42487	No
81	GOM_NL__2PRFIN20100416_064925_000000522088_00349_42487_4802.N1	16-APR-2010 06:49:25	Dark	52.000	61	8Eps Peg	2.1000	3900.0	104	42487	No
82	GOM_NL__2PRFIN20100416_065153_000000472088_00349_42487_4803.N1	16-APR-2010 06:51:53	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42487	No
83	GOM_NL__2PRFIN20100416_065432_000000492088_00349_42487_4804.N1	16-APR-2010 06:54:32	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42487	No
84	GOM_NL__2PRFIN20100416_065655_000000452088_00349_42487_4805.N1	16-APR-2010 06:56:55	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42487	No
85	GOM_NL__2PRFIN20100416_071714_000000542088_00350_42488_4794.N1	16-APR-2010 07:17:14	Dark	53.500	40	The Sco	1.8590	7100.0	107	42488	No
86	GOM_NL__2PRFIN20100416_072414_000000442088_00350_42488_4795.N1	16-APR-2010 07:24:14	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42488	No
87	GOM_NL__2PRFIN20100416_072550_000000442088_00350_42488_4796.N1	16-APR-2010 07:25:50	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42488	No
88	GOM_NL__2PRFIN20100416_072811_000000482088_00350_42488_4797.N1	16-APR-2010 07:28:11	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42488	No
89	GOM_NL__2PRFIN20100416_073253_000000412088_00350_42488_4798.N1	16-APR-2010 07:32:53	Tw_i_and_stray	40.500	169	46Gam Hya	2.9910	4700.0	81	42488	No
90	GOM_NL__2PRFIN20100416_073631_000000452088_00350_42488_4799.N1	16-APR-2010 07:36:31	Bright	45.000	15	67Alp Vir	0.97600	28000.	90	42488	No
91	GOM_NL__2PRFIN20100416_073934_000000392088_00350_42488_4800.N1	16-APR-2010 07:39:34	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42488	No
92	GOM_NL__2PRFIN20100416_074320_000000412088_00350_42488_4801.N1	16-APR-2010 07:43:20	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42488	No
93	GOM_NL__2PRFIN20100416_074641_000000492088_00350_42488_4802.N1	16-APR-2010 07:46:41	Bright	48.500	111	8Eta Boo	2.6800	6000.0	97	42488	No
94	GOM_NL__2PRFIN20100416_075126_000000392088_00350_42488_4803.N1	16-APR-2010 07:51:26	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42488	No
95	GOM_NL__2PRFIN20100416_075544_000000402088_00350_42488_4804.N1	16-APR-2010 07:55:44	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42488	No
96	GOM_NL__2PRFIN20100416_080249_000000402088_00350_42488_4805.N1	16-APR-2010 08:02:49	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42488	No
97	GOM_NL__2PRFIN20100416_080413_000000482088_00350_42488_4806.N1	16-APR-2010 08:04:13	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	42488	No
98	GOM_NL__2PRFIN20100416_081257_000000422088_00350_42488_4807.N1	16-APR-2010 08:12:57	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42488	No
99	GOM_NL__2PRFIN20100416_082254_000000382088_00350_42488_4808.N1	16-APR-2010 08:22:54	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	42488	No
100	GOM_NL__2PRFIN20100416_083001_000000512088_00350_42488_4809.N1	16-APR-2010 08:30:01	Dark	50.500	61	8Eps Peg	2.1000	3900.0	101	42488	No
101	GOM_NL__2PRFIN20100416_083229_000000452088_00350_42488_4810.N1	16-APR-2010 08:32:29	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	42488	No

102	GOM_NL__2PRFIN20100416_083509_000000492088_00350_42488_4811.N1	16-APR-2010 08:35:09	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42488	No
103	GOM_NL__2PRFIN20100416_083731_000000452088_00350_42488_4812.N1	16-APR-2010 08:37:31	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42488	No
104	GOM_NL__2PRFIN20100416_085751_000000552088_00351_42489_4802.N1	16-APR-2010 08:57:51	Dark	55.000	40	The Sco	1.8590	7100.0	110	42489	No
105	GOM_NL__2PRFIN20100416_090450_000000442088_00351_42489_4803.N1	16-APR-2010 09:04:50	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42489	No
106	GOM_NL__2PRFIN20100416_090626_000000442088_00351_42489_4804.N1	16-APR-2010 09:06:26	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42489	No
107	GOM_NL__2PRFIN20100416_090848_000000462088_00351_42489_4805.N1	16-APR-2010 09:08:48	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42489	No
108	GOM_NL__2PRFIN20100416_091330_000000432088_00351_42489_4806.N1	16-APR-2010 09:13:30	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42489	No
109	GOM_NL__2PRFIN20100416_091707_000000442088_00351_42489_4807.N1	16-APR-2010 09:17:07	Bright	44.000	15	67Alp Vir	0.97600	28000.	88	42489	No
110	GOM_NL__2PRFIN20100416_092010_000000402088_00351_42489_4808.N1	16-APR-2010 09:20:10	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42489	No
111	GOM_NL__2PRFIN20100416_092356_000000402088_00351_42489_4809.N1	16-APR-2010 09:23:56	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	42489	No
112	GOM_NL__2PRFIN20100416_092717_000000472088_00351_42489_4810.N1	16-APR-2010 09:27:17	Bright	46.500	111	8Eta Boo	2.6800	6000.0	93	42489	No
113	GOM_NL__2PRFIN20100416_093202_000000382088_00351_42489_4811.N1	16-APR-2010 09:32:02	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42489	No
114	GOM_NL__2PRFIN20100416_093620_000000432088_00351_42489_4812.N1	16-APR-2010 09:36:20	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	42489	No
115	GOM_NL__2PRFIN20100416_094325_000000382088_00351_42489_4813.N1	16-APR-2010 09:43:25	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	42489	No
116	GOM_NL__2PRFIN20100416_094448_000000482088_00351_42489_4814.N1	16-APR-2010 09:44:48	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	42489	No
117	GOM_NL__2PRFIN20100416_095332_000000412088_00351_42489_4815.N1	16-APR-2010 09:53:32	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42489	No
118	GOM_NL__2PRFIN20100416_100330_000000372088_00351_42489_4816.N1	16-APR-2010 10:03:30	Bright	36.500	164	44Eta Peg	2.9480	5400.0	73	42489	No
119	GOM_NL__2PRFIN20100416_101037_000000572088_00351_42489_4817.N1	16-APR-2010 10:10:37	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	42489	No
120	GOM_NL__2PRFIN20100416_101306_000000452088_00351_42489_4818.N1	16-APR-2010 10:13:06	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	42489	No
121	GOM_NL__2PRFIN20100416_101545_000000482088_00351_42489_4819.N1	16-APR-2010 10:15:45	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42489	No
122	GOM_NL__2PRFIN20100416_101808_000000432088_00351_42489_4820.N1	16-APR-2010 10:18:08	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42489	No
123	GOM_NL__2PRFIN20100416_103829_000000582088_00352_42490_4815.N1	16-APR-2010 10:38:29	Dark	58.000	40	The Sco	1.8590	7100.0	116	42490	No
124	GOM_NL__2PRFIN20100416_104527_000000422088_00352_42490_4816.N1	16-APR-2010 10:45:27	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42490	No
125	GOM_NL__2PRFIN20100416_104702_000000422088_00352_42490_4817.N1	16-APR-2010 10:47:02	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	42490	No
126	GOM_NL__2PRFIN20100416_104924_000000482088_00352_42490_4818.N1	16-APR-2010 10:49:24	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42490	No
127	GOM_NL__2PRFIN20100416_105405_000000462088_00352_42490_4819.N1	16-APR-2010 10:54:05	Tw_i_and_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	42490	No
128	GOM_NL__2PRFIN20100416_105743_000000442088_00352_42490_4820.N1	16-APR-2010 10:57:43	Bright	44.000	15	67Alp Vir	0.97600	28000.	88	42490	No
129	GOM_NL__2PRFIN20100416_110046_000000392088_00352_42490_4821.N1	16-APR-2010 11:00:46	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42490	No
130	GOM_NL__2PRFIN20100416_110432_000000392088_00352_42490_4822.N1	16-APR-2010 11:04:32	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	42490	No
131	GOM_NL__2PRFIN20100416_110752_000000482088_00352_42490_4823.N1	16-APR-2010 11:07:52	Bright	47.500	111	8Eta Boo	2.6800	6000.0	95	42490	No
132	GOM_NL__2PRFIN20100416_111237_000000382088_00352_42490_4824.N1	16-APR-2010 11:12:37	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42490	No
133	GOM_NL__2PRFIN20100416_111655_000000422088_00352_42490_4825.N1	16-APR-2010 11:16:55	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42490	No
134	GOM_NL__2PRFIN20100416_112401_000000412088_00352_42490_4826.N1	16-APR-2010 11:24:01	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42490	No
135	GOM_NL__2PRFIN20100416_112523_000000452088_00352_42490_4827.N1	16-APR-2010 11:25:23	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42490	No
136	GOM_NL__2PRFIN20100416_113407_000000412088_00352_42490_4828.N1	16-APR-2010 11:34:07	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42490	No
137	GOM_NL__2PRFIN20100416_114406_000000372088_00352_42490_4829.N1	16-APR-2010 11:44:06	Bright	37.000	164	44Eta Peg	2.9480	5400.0	74	42490	No
138	GOM_NL__2PRFIN20100416_115114_000000562088_00352_42490_4830.N1	16-APR-2010 11:51:14	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42490	No
139	GOM_NL__2PRFIN20100416_115342_000000482088_00352_42490_4831.N1	16-APR-2010 11:53:42	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	42490	No
140	GOM_NL__2PRFIN20100416_115621_000000502088_00352_42490_4832.N1	16-APR-2010 11:56:21	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42490	No
141	GOM_NL__2PRFIN20100416_115844_000000442088_00352_42490_4833.N1	16-APR-2010 11:58:44	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42490	No
142	GOM_NL__2PRFIN20100416_121905_000000622088_00353_42491_4827.N1	16-APR-2010 12:19:05	Dark	61.500	40	The Sco	1.8590	7100.0	123	42491	No
143	GOM_NL__2PRFIN20100416_122603_000000442088_00353_42491_4828.N1	16-APR-2010 12:26:03	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42491	No
144	GOM_NL__2PRFIN20100416_122739_000000442088_00353_42491_4829.N1	16-APR-2010 12:27:39	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42491	No
145	GOM_NL__2PRFIN20100416_123000_000000512088_00353_42491_4830.N1	16-APR-2010 12:30:00	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	42491	No
146	GOM_NL__2PRFIN20100416_123442_000000432088_00353_42491_4831.N1	16-APR-2010 12:34:42	Tw_i_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42491	No
147	GOM_NL__2PRFIN20100416_123819_000000452088_00353_42491_4832.N1	16-APR-2010 12:38:19	Bright	45.000	15	67Alp Vir	0.97600	28000.	90	42491	No
148	GOM_NL__2PRFIN20100416_124122_000000392088_00353_42491_4833.N1	16-APR-2010 12:41:22	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42491	No
149	GOM_NL__2PRFIN20100416_124507_000000382088_00353_42491_4834.N1	16-APR-2010 12:45:07	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42491	No
150	GOM_NL__2PRFIN20100416_124827_000000482088_00353_42491_4835.N1	16-APR-2010 12:48:27	Bright	48.000	111	8Eta Boo	2.6800	6000.0	96	42491	No
151	GOM_NL__2PRFIN20100416_125313_000000402088_00353_42491_4836.N1	16-APR-2010 12:53:13	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42491	No
152	GOM_NL__2PRFIN20100416_125730_000000442088_00353_42491_4837.N1	16-APR-2010 12:57:30	Bright	44.000	39	85Eta UMa	1.8540	24000.	88	42491	No
153	GOM_NL__2PRFIN20100416_130436_000000362088_00353_42491_4838.N1	16-APR-2010 13:04:36	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	42491	No
154	GOM_NL__2PRFIN20100416_130558_000000452088_00353_42491_4839.N1	16-APR-2010 13:05:58	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	42491	No
155	GOM_NL__2PRFIN20100416_131444_000000402088_00353_42491_4840.N1	16-APR-2010 13:14:44	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42491	No
156	GOM_NL__2PRFIN20100416_132442_000000382088_00353_42491_4841.N1	16-APR-2010 13:24:42	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	42491	No
157	GOM_NL__2PRFIN20100416_133150_000000532088_00353_42491_4842.N1	16-APR-2010 13:31:50	Dark	52.500	61	8Eps Peg	2.1000	3900.0	105	42491	No
158	GOM_NL__2PRFIN20100416_133418_000000462088_00353_42491_4843.N1	16-APR-2010 13:34:18	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42491	No
159	GOM_NL__2PRFIN20100416_133658_000000502088_00353_42491_4844.N1	16-APR-2010 13:36:58	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	42491	No
160	GOM_NL__2PRFIN20100416_133921_000000452088_00353_42491_4845.N1	16-APR-2010 13:39:21	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42491	No

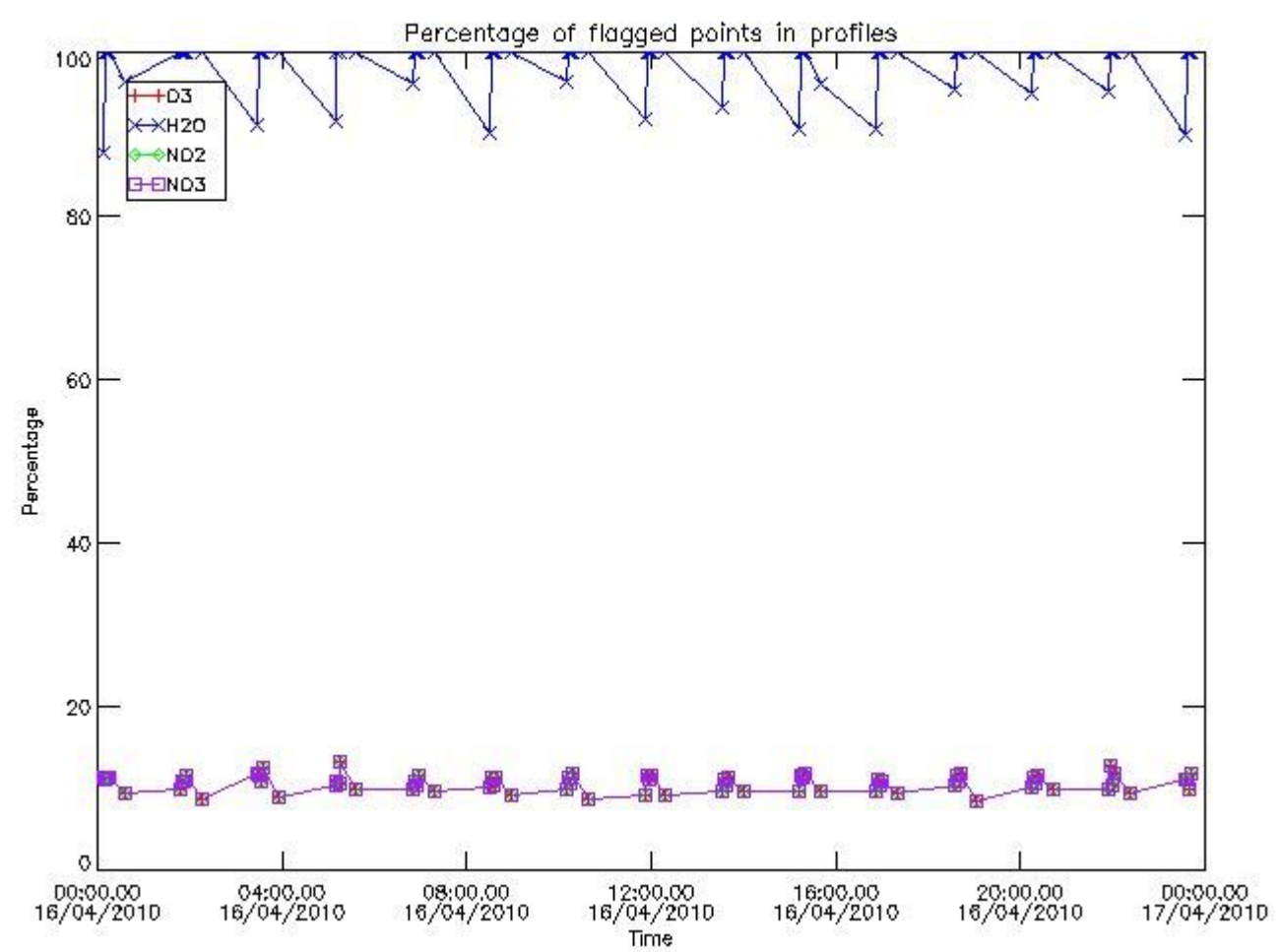
161	GOM_NL__2PRFIN20100416_135942_000000532088_00354_42492_4837.N1	16-APR-2010 13:59:42	Dark	53.000	40	The Sco	1.8590	7100.0	106	42492	No
162	GOM_NL__2PRFIN20100416_140639_000000412088_00354_42492_4838.N1	16-APR-2010 14:06:39	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42492	No
163	GOM_NL__2PRFIN20100416_140815_000000452088_00354_42492_4839.N1	16-APR-2010 14:08:15	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42492	No
164	GOM_NL__2PRFIN20100416_141036_000000502088_00354_42492_4840.N1	16-APR-2010 14:10:36	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42492	No
165	GOM_NL__2PRFIN20100416_141518_000000432088_00354_42492_4841.N1	16-APR-2010 14:15:18	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42492	No
166	GOM_NL__2PRFIN20100416_141855_000000452088_00354_42492_4842.N1	16-APR-2010 14:18:55	Bright	45.000	15	67Alp Vir	0.97600	28000.	90	42492	No
167	GOM_NL__2PRFIN20100416_142158_000000392088_00354_42492_4843.N1	16-APR-2010 14:21:58	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42492	No
168	GOM_NL__2PRFIN20100416_142543_000000392088_00354_42492_4844.N1	16-APR-2010 14:25:43	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	42492	No
169	GOM_NL__2PRFIN20100416_142903_000000452088_00354_42492_4845.N1	16-APR-2010 14:29:03	Bright	44.500	111	8Eta Boo	2.6800	6000.0	89	42492	No
170	GOM_NL__2PRFIN20100416_143349_000000372088_00354_42492_4846.N1	16-APR-2010 14:33:49	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42492	No
171	GOM_NL__2PRFIN20100416_143806_000000442088_00354_42492_4847.N1	16-APR-2010 14:38:06	Bright	44.000	39	85Eta UMa	1.8540	24000.	88	42492	No
172	GOM_NL__2PRFIN20100416_144512_000000392088_00354_42492_4848.N1	16-APR-2010 14:45:12	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42492	No
173	GOM_NL__2PRFIN20100416_145519_000000412088_00354_42492_4849.N1	16-APR-2010 14:55:19	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42492	No
174	GOM_NL__2PRFIN20100416_150518_000000542088_00354_42492_4850.N1	16-APR-2010 15:05:18	Bright	54.000	164	44Eta Peg	2.9480	5400.0	108	42492	No
175	GOM_NL__2PRFIN20100416_151227_000000532088_00354_42492_4851.N1	16-APR-2010 15:12:27	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42492	No
176	GOM_NL__2PRFIN20100416_151454_000000442088_00354_42492_4852.N1	16-APR-2010 15:14:54	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42492	No
177	GOM_NL__2PRFIN20100416_151734_000000452088_00354_42492_4853.N1	16-APR-2010 15:17:34	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42492	No
178	GOM_NL__2PRFIN20100416_151957_000000432088_00354_42492_4854.N1	16-APR-2010 15:19:57	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42492	No
179	GOM_NL__2PRFIN20100416_154019_000000532088_00355_42493_4845.N1	16-APR-2010 15:40:19	Dark	53.000	40	The Sco	1.8590	7100.0	106	42493	No
180	GOM_NL__2PRFIN20100416_154716_000000432088_00355_42493_4846.N1	16-APR-2010 15:47:16	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42493	No
181	GOM_NL__2PRFIN20100416_154851_000000442088_00355_42493_4847.N1	16-APR-2010 15:48:51	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42493	No
182	GOM_NL__2PRFIN20100416_155113_000000472088_00355_42493_4848.N1	16-APR-2010 15:51:13	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42493	No
183	GOM_NL__2PRFIN20100416_155554_000000452088_00355_42493_4849.N1	16-APR-2010 15:55:54	Tw_i_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	42493	No
184	GOM_NL__2PRFIN20100416_155931_000000452088_00355_42493_4850.N1	16-APR-2010 15:59:31	Bright	45.000	15	67Alp Vir	0.97600	28000.	90	42493	No
185	GOM_NL__2PRFIN20100416_160234_000000392088_00355_42493_4851.N1	16-APR-2010 16:02:34	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42493	No
186	GOM_NL__2PRFIN20100416_160619_000000402088_00355_42493_4852.N1	16-APR-2010 16:06:19	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	42493	No
187	GOM_NL__2PRFIN20100416_160938_000000482088_00355_42493_4853.N1	16-APR-2010 16:09:38	Bright	48.000	111	8Eta Boo	2.6800	6000.0	96	42493	No
188	GOM_NL__2PRFIN20100416_161424_000000372088_00355_42493_4854.N1	16-APR-2010 16:14:24	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42493	No
189	GOM_NL__2PRFIN20100416_161841_000000432088_00355_42493_4855.N1	16-APR-2010 16:18:41	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	42493	No
190	GOM_NL__2PRFIN20100416_162548_000000402088_00355_42493_4856.N1	16-APR-2010 16:25:48	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42493	No
191	GOM_NL__2PRFIN20100416_163555_000000422088_00355_42493_4857.N1	16-APR-2010 16:35:55	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42493	No
192	GOM_NL__2PRFIN20100416_164554_000000542088_00355_42493_4858.N1	16-APR-2010 16:45:54	Bright	54.000	164	44Eta Peg	2.9480	5400.0	108	42493	No
193	GOM_NL__2PRFIN20100416_165303_000000532088_00355_42493_4859.N1	16-APR-2010 16:53:03	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42493	No
194	GOM_NL__2PRFIN20100416_165531_000000462088_00355_42493_4860.N1	16-APR-2010 16:55:31	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42493	No
195	GOM_NL__2PRFIN20100416_165811_000000492088_00355_42493_4861.N1	16-APR-2010 16:58:11	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42493	No
196	GOM_NL__2PRFIN20100416_170033_000000472088_00355_42493_4862.N1	16-APR-2010 17:00:33	Dark	46.500	142	49Del Cap	2.8500	8900.0	93	42493	No
197	GOM_NL__2PRFIN20100416_172056_000000542088_00356_42494_4874.N1	16-APR-2010 17:20:56	Dark	54.000	40	The Sco	1.8590	7100.0	108	42494	No
198	GOM_NL__2PRFIN20100416_172752_000000442088_00356_42494_4875.N1	16-APR-2010 17:27:52	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42494	No
199	GOM_NL__2PRFIN20100416_172928_000000452088_00356_42494_4876.N1	16-APR-2010 17:29:28	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42494	No
200	GOM_NL__2PRFIN20100416_173149_000000492088_00356_42494_4877.N1	16-APR-2010 17:31:49	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42494	No
201	GOM_NL__2PRFIN20100416_173630_000000462088_00356_42494_4878.N1	16-APR-2010 17:36:30	Tw_i_and_stray	45.500	169	46Gam Hya	2.9910	4700.0	91	42494	No
202	GOM_NL__2PRFIN20100416_174007_000000472088_00356_42494_4879.N1	16-APR-2010 17:40:07	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42494	No
203	GOM_NL__2PRFIN20100416_174310_000000392088_00356_42494_4880.N1	16-APR-2010 17:43:10	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42494	No
204	GOM_NL__2PRFIN20100416_174655_000000412088_00356_42494_4881.N1	16-APR-2010 17:46:55	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42494	No
205	GOM_NL__2PRFIN20100416_175014_000000482088_00356_42494_4882.N1	16-APR-2010 17:50:14	Bright	47.500	111	8Eta Boo	2.6800	6000.0	95	42494	No
206	GOM_NL__2PRFIN20100416_175500_000000442088_00356_42494_4883.N1	16-APR-2010 17:55:00	Bright	44.000	152	12Alp2CVn	2.8900	11000.	88	42494	No
207	GOM_NL__2PRFIN20100416_175917_000000432088_00356_42494_4884.N1	16-APR-2010 17:59:17	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	42494	No
208	GOM_NL__2PRFIN20100416_180623_000000392088_00356_42494_4885.N1	16-APR-2010 18:06:23	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42494	No
209	GOM_NL__2PRFIN20100416_181631_000000392088_00356_42494_4886.N1	16-APR-2010 18:16:31	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42494	No
210	GOM_NL__2PRFIN20100416_182631_000000382088_00356_42494_4887.N1	16-APR-2010 18:26:31	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	42494	No
211	GOM_NL__2PRFIN20100416_183339_000000542088_00356_42494_4888.N1	16-APR-2010 18:33:39	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42494	No
212	GOM_NL__2PRFIN20100416_183607_000000442088_00356_42494_4889.N1	16-APR-2010 18:36:07	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42494	No
213	GOM_NL__2PRFIN20100416_183848_000000482088_00356_42494_4890.N1	16-APR-2010 18:38:48	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42494	No
214	GOM_NL__2PRFIN20100416_184110_000000432088_00356_42494_4891.N1	16-APR-2010 18:41:10	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42494	No
215	GOM_NL__2PRFIN20100416_190134_000000612088_00357_42495_4882.N1	16-APR-2010 19:01:34	Dark	60.500	40	The Sco	1.8590	7100.0	121	42495	No
216	GOM_NL__2PRFIN20100416_190829_000000412088_00357_42495_4883.N1	16-APR-2010 19:08:29	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42495	No
217	GOM_NL__2PRFIN20100416_191004_000000442088_00357_42495_4884.N1	16-APR-2010 19:10:04	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42495	No
218	GOM_NL__2PRFIN20100416_191225_000000492088_00357_42495_4885.N1	16-APR-2010 19:12:25	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42495	No
219	GOM_NL__2PRFIN20100416_191706_000000422088_00357_42495_4886.N1	16-APR-2010 19:17:06	Tw_i_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	42495	No

220	GOM_NL__2PRFIN20100416_192043_000000452088_00357_42495_4887.N1	16-APR-2010 19:20:43	Bright	44.500	15	67Alp Vir	0.97600	28000.	89	42495	No
221	GOM_NL__2PRFIN20100416_192346_000000392088_00357_42495_4888.N1	16-APR-2010 19:23:46	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42495	No
222	GOM_NL__2PRFIN20100416_192731_000000412088_00357_42495_4889.N1	16-APR-2010 19:27:31	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42495	No
223	GOM_NL__2PRFIN20100416_193049_000000462088_00357_42495_4890.N1	16-APR-2010 19:30:49	Bright	46.000	111	8Eta Boo	2.6800	6000.0	92	42495	No
224	GOM_NL__2PRFIN20100416_193536_000000382088_00357_42495_4891.N1	16-APR-2010 19:35:36	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42495	No
225	GOM_NL__2PRFIN20100416_193952_000000432088_00357_42495_4892.N1	16-APR-2010 19:39:52	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	42495	No
226	GOM_NL__2PRFIN20100416_194659_000000412088_00357_42495_4893.N1	16-APR-2010 19:46:59	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42495	No
227	GOM_NL__2PRFIN20100416_195706_000000412088_00357_42495_4894.N1	16-APR-2010 19:57:06	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42495	No
228	GOM_NL__2PRFIN20100416_200707_000000392088_00357_42495_4895.N1	16-APR-2010 20:07:07	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42495	No
229	GOM_NL__2PRFIN20100416_201416_000000502088_00357_42495_4896.N1	16-APR-2010 20:14:16	Dark	50.000	61	8Eps Peg	2.1000	3900.0	100	42495	No
230	GOM_NL__2PRFIN20100416_201644_000000452088_00357_42495_4897.N1	16-APR-2010 20:16:44	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	42495	No
231	GOM_NL__2PRFIN20100416_201924_000000482088_00357_42495_4898.N1	16-APR-2010 20:19:24	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42495	No
232	GOM_NL__2PRFIN20100416_202146_000000452088_00357_42495_4899.N1	16-APR-2010 20:21:46	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42495	No
233	GOM_NL__2PRFIN20100416_204211_000000512088_00358_42496_4890.N1	16-APR-2010 20:42:11	Dark	51.000	40	The Sco	1.8590	7100.0	102	42496	No
234	GOM_NL__2PRFIN20100416_204905_000000392088_00358_42496_4891.N1	16-APR-2010 20:49:05	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	42496	No
235	GOM_NL__2PRFIN20100416_205040_000000462088_00358_42496_4892.N1	16-APR-2010 20:50:40	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42496	No
236	GOM_NL__2PRFIN20100416_205302_000000482088_00358_42496_4893.N1	16-APR-2010 20:53:02	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42496	No
237	GOM_NL__2PRFIN20100416_205742_000000442088_00358_42496_4894.N1	16-APR-2010 20:57:42	Twilight_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42496	No
238	GOM_NL__2PRFIN20100416_210119_000000462088_00358_42496_4895.N1	16-APR-2010 21:01:19	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	42496	No
239	GOM_NL__2PRFIN20100416_210422_000000392088_00358_42496_4896.N1	16-APR-2010 21:04:22	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42496	No
240	GOM_NL__2PRFIN20100416_210806_000000402088_00358_42496_4897.N1	16-APR-2010 21:08:06	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	42496	No
241	GOM_NL__2PRFIN20100416_211124_000000512088_00358_42496_4898.N1	16-APR-2010 21:11:24	Bright	50.500	111	8Eta Boo	2.6800	6000.0	101	42496	No
242	GOM_NL__2PRFIN20100416_211611_000000392088_00358_42496_4899.N1	16-APR-2010 21:16:11	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42496	No
243	GOM_NL__2PRFIN20100416_212028_000000422088_00358_42496_4900.N1	16-APR-2010 21:20:28	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42496	No
244	GOM_NL__2PRFIN20100416_212735_000000402088_00358_42496_4901.N1	16-APR-2010 21:27:35	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42496	No
245	GOM_NL__2PRFIN20100416_213742_000000382088_00358_42496_4902.N1	16-APR-2010 21:37:42	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	42496	No
246	GOM_NL__2PRFIN20100416_214743_000000542088_00358_42496_4903.N1	16-APR-2010 21:47:43	Bright	54.000	164	44Eta Peg	2.9480	5400.0	108	42496	No
247	GOM_NL__2PRFIN20100416_215452_000000522088_00358_42496_4904.N1	16-APR-2010 21:54:52	Dark	51.500	61	8Eps Peg	2.1000	3900.0	103	42496	No
248	GOM_NL__2PRFIN20100416_215720_000000442088_00358_42496_4905.N1	16-APR-2010 21:57:20	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42496	No
249	GOM_NL__2PRFIN20100416_220001_000000492088_00358_42496_4906.N1	16-APR-2010 22:00:01	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42496	No
250	GOM_NL__2PRFIN20100416_220223_000000442088_00358_42496_4907.N1	16-APR-2010 22:02:23	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42496	No
251	GOM_NL__2PRFIN20100416_222247_000000542088_00359_42497_4898.N1	16-APR-2010 22:22:47	Dark	54.000	40	The Sco	1.8590	7100.0	108	42497	No
252	GOM_NL__2PRFIN20100416_222941_000000412088_00359_42497_4899.N1	16-APR-2010 22:29:41	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42497	No
253	GOM_NL__2PRFIN20100416_223117_000000432088_00359_42497_4900.N1	16-APR-2010 22:31:17	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42497	No
254	GOM_NL__2PRFIN20100416_223338_000000472088_00359_42497_4901.N1	16-APR-2010 22:33:38	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42497	No
255	GOM_NL__2PRFIN20100416_223818_000000442088_00359_42497_4902.N1	16-APR-2010 22:38:18	Twilight_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42497	No
256	GOM_NL__2PRFIN20100416_224155_000000462088_00359_42497_4903.N1	16-APR-2010 22:41:55	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	42497	No
257	GOM_NL__2PRFIN20100416_224457_000000392088_00359_42497_4904.N1	16-APR-2010 22:44:57	Bright	39.000	121	29Gam Vir	2.7400	7200.0	78	42497	No
258	GOM_NL__2PRFIN20100416_224842_000000382088_00359_42497_4905.N1	16-APR-2010 22:48:42	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42497	No
259	GOM_NL__2PRFIN20100416_225200_000000482088_00359_42497_4906.N1	16-APR-2010 22:52:00	Bright	48.000	111	8Eta Boo	2.6800	6000.0	96	42497	No
260	GOM_NL__2PRFIN20100416_225647_000000392088_00359_42497_4907.N1	16-APR-2010 22:56:47	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42497	No
261	GOM_NL__2PRFIN20100416_230103_000000432088_00359_42497_4908.N1	16-APR-2010 23:01:03	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	42497	No
262	GOM_NL__2PRFIN20100416_230810_000000402088_00359_42497_4909.N1	16-APR-2010 23:08:10	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42497	No
263	GOM_NL__2PRFIN20100416_231818_000000422088_00359_42497_4910.N1	16-APR-2010 23:18:18	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42497	No
264	GOM_NL__2PRFIN20100416_232819_000000542088_00359_42497_4911.N1	16-APR-2010 23:28:19	Bright	54.000	164	44Eta Peg	2.9480	5400.0	108	42497	No
265	GOM_NL__2PRFIN20100416_233528_000000502088_00359_42497_4912.N1	16-APR-2010 23:35:28	Dark	50.000	61	8Eps Peg	2.1000	3900.0	100	42497	No
266	GOM_NL__2PRFIN20100416_233756_000000462088_00359_42497_4913.N1	16-APR-2010 23:37:56	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42497	No
267	GOM_NL__2PRFIN20100416_234038_000000512088_00359_42497_4914.N1	16-APR-2010 23:40:38	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42497	No
268	GOM_NL__2PRFIN20100416_234300_000000442088_00359_42497_4915.N1	16-APR-2010 23:43:00	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42497	No

3. Quality information per product

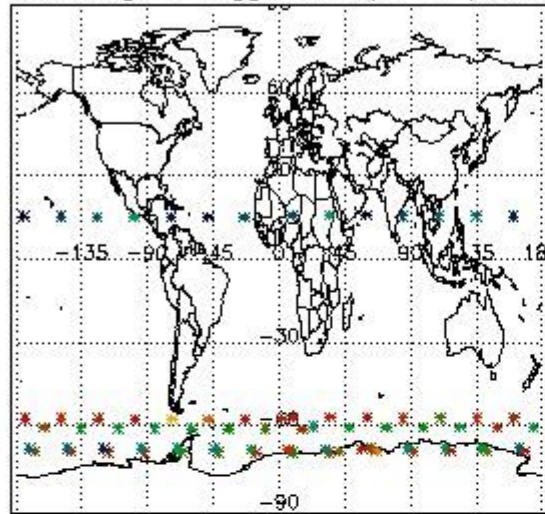
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

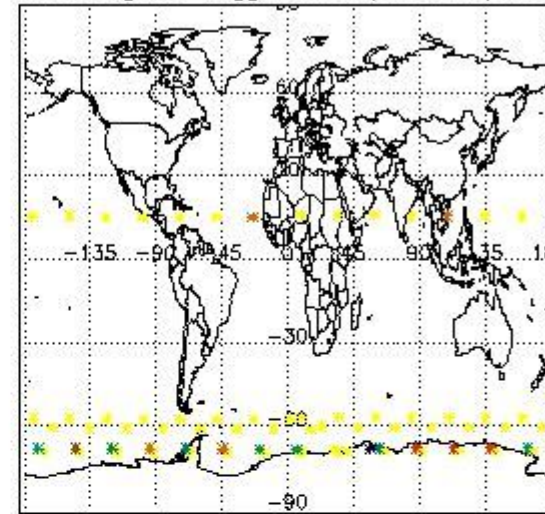


3.2 Plot quality information per product (world map)

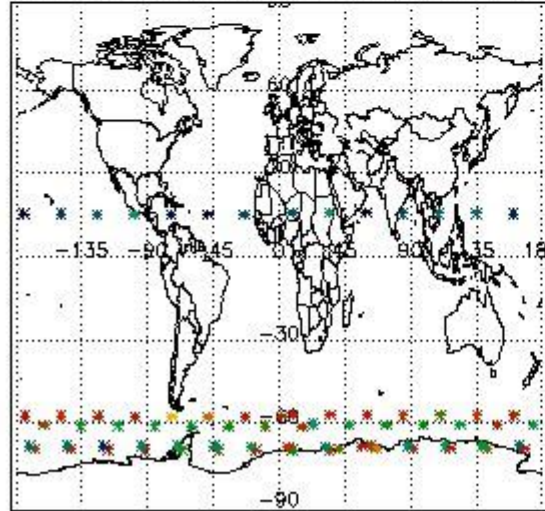
Percentage of flagged data per O3 profile



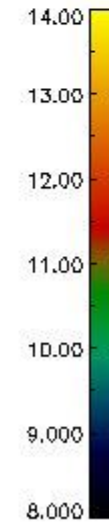
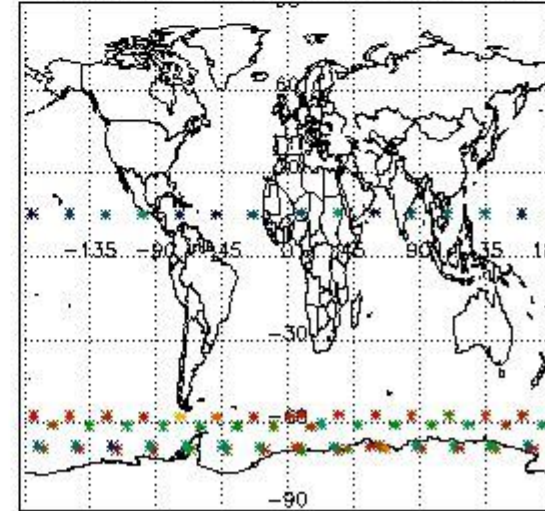
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

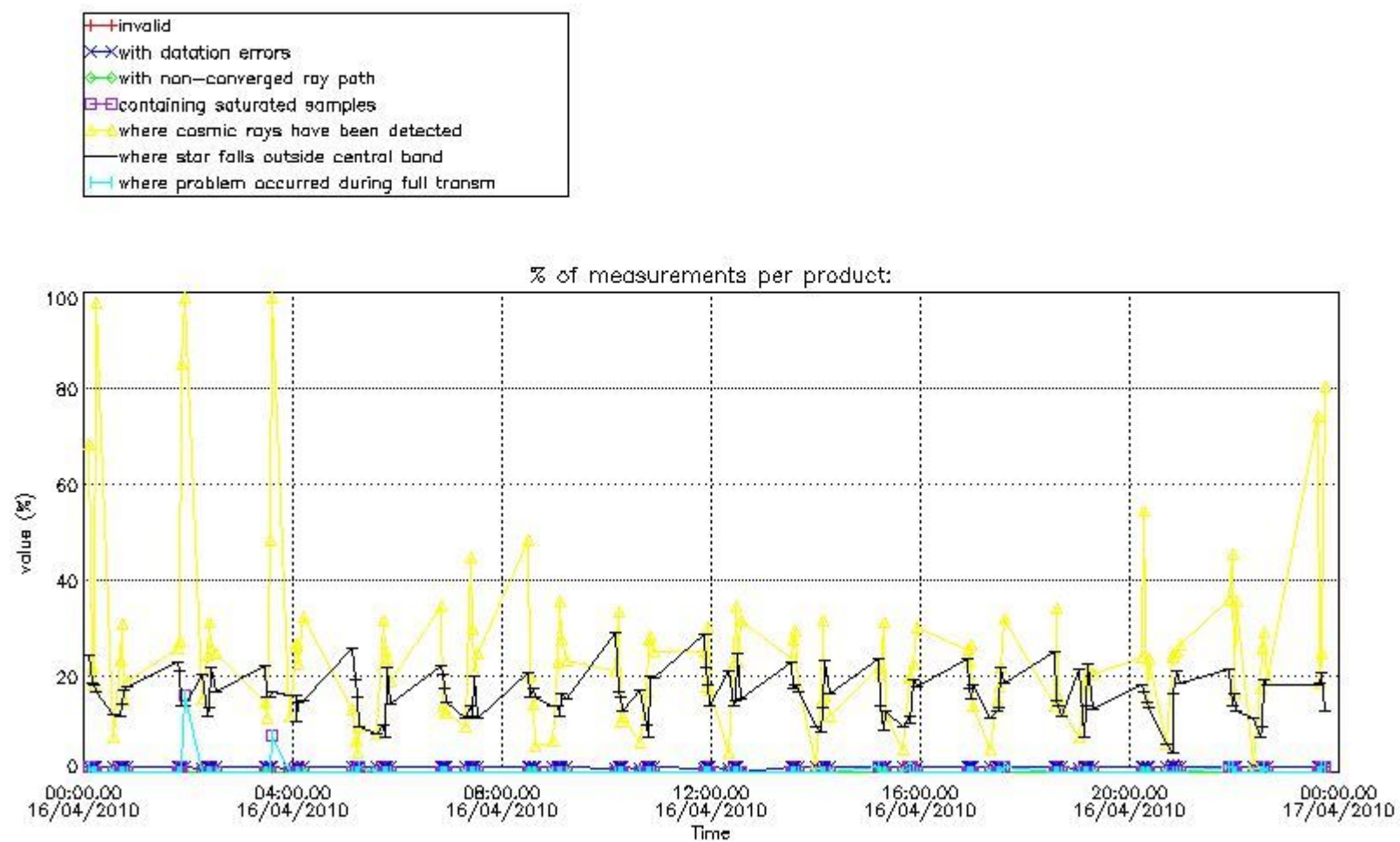


4. Level 1 quality information per product

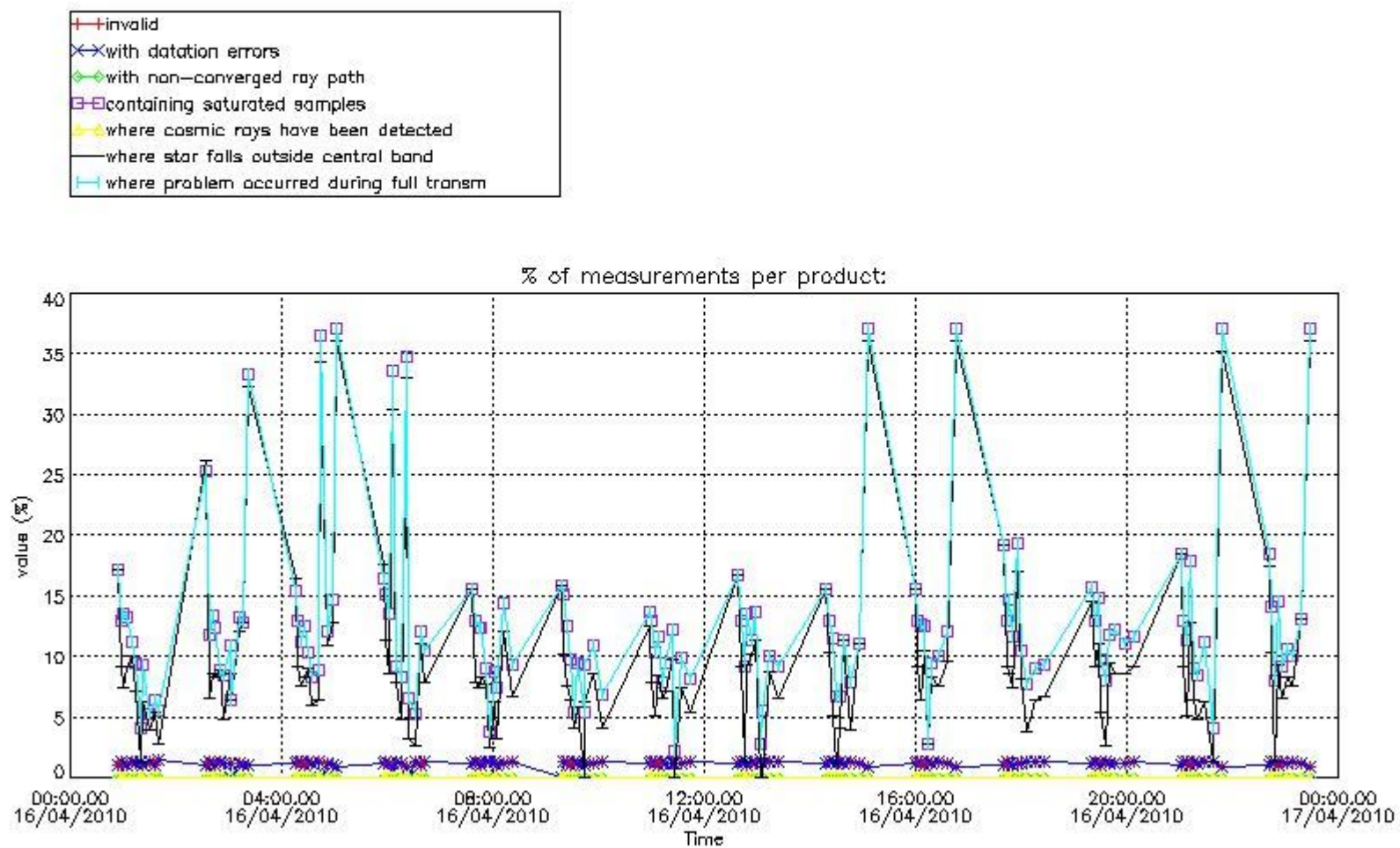
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

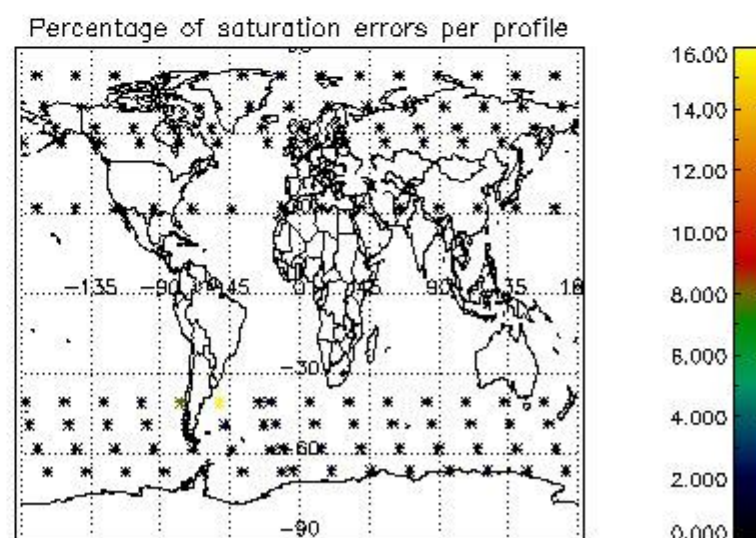
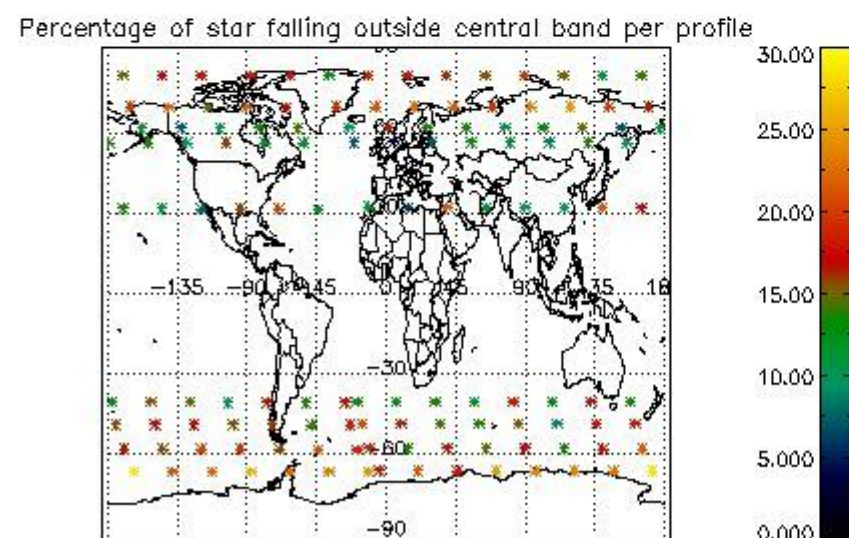
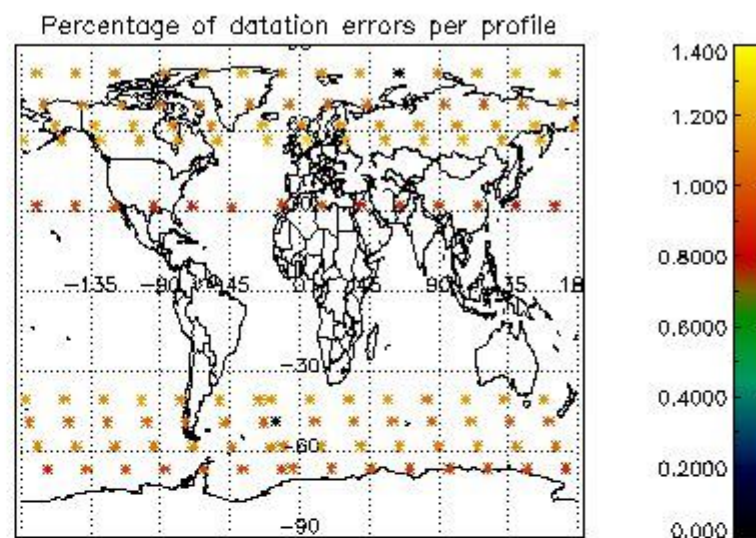
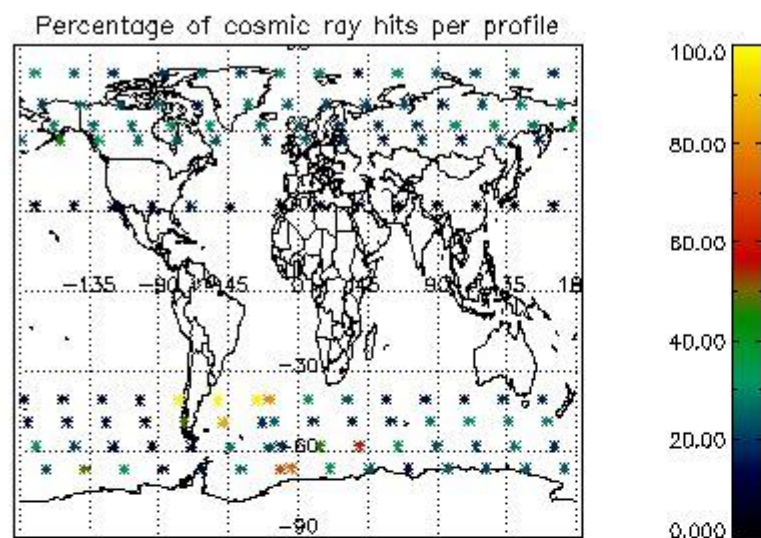


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

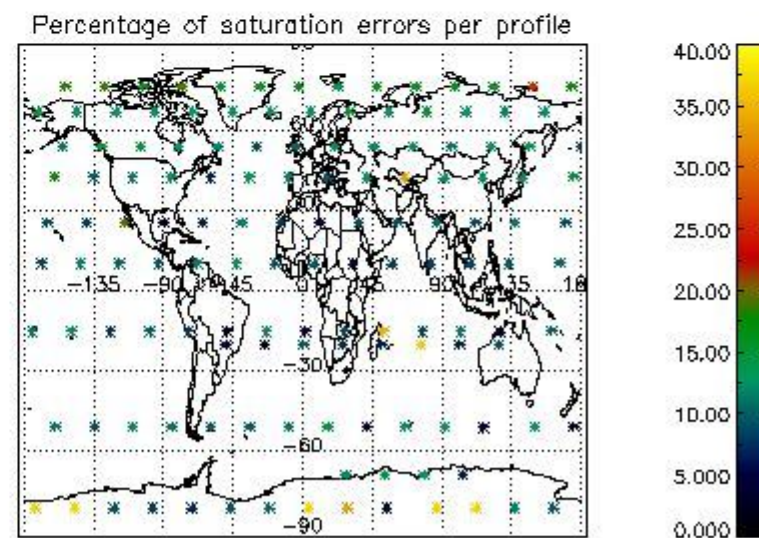
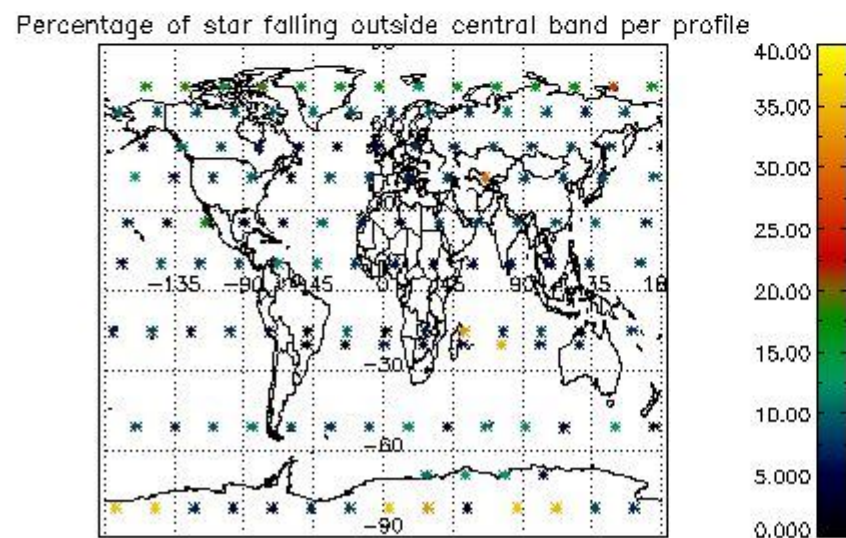
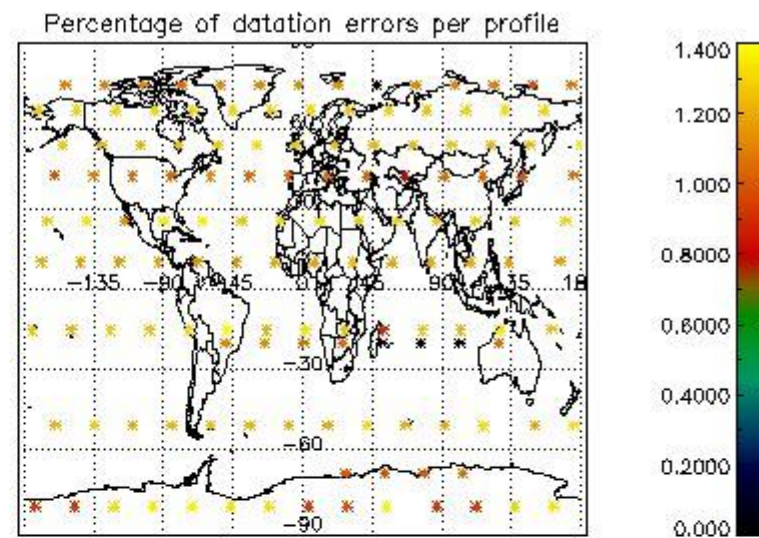
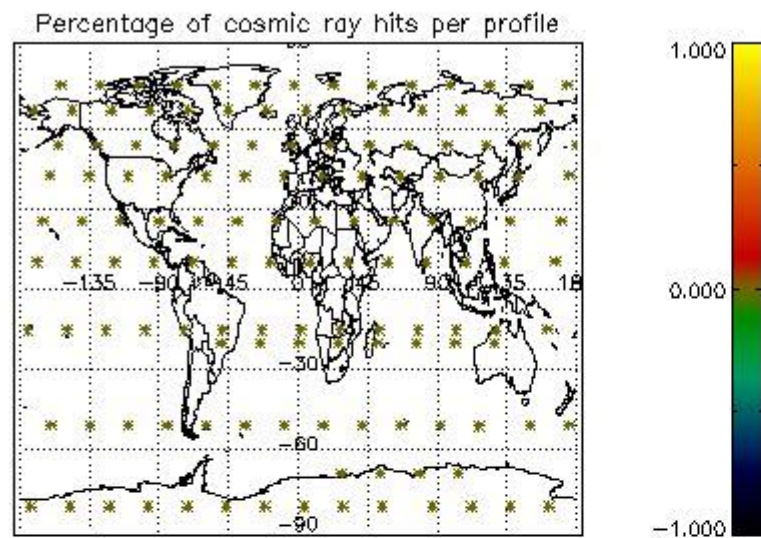


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

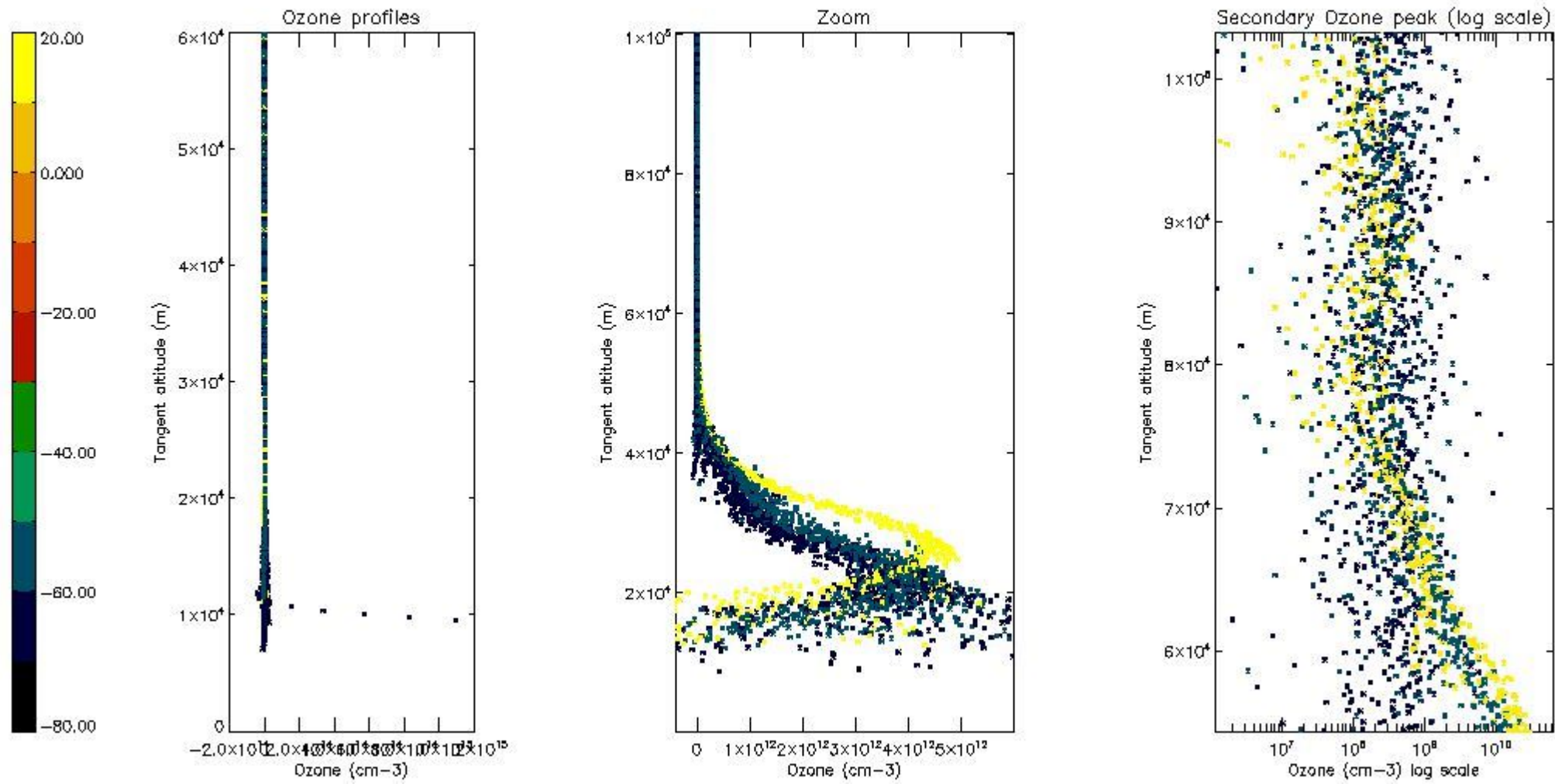
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	9

STD < 10	4
STD < 5	1

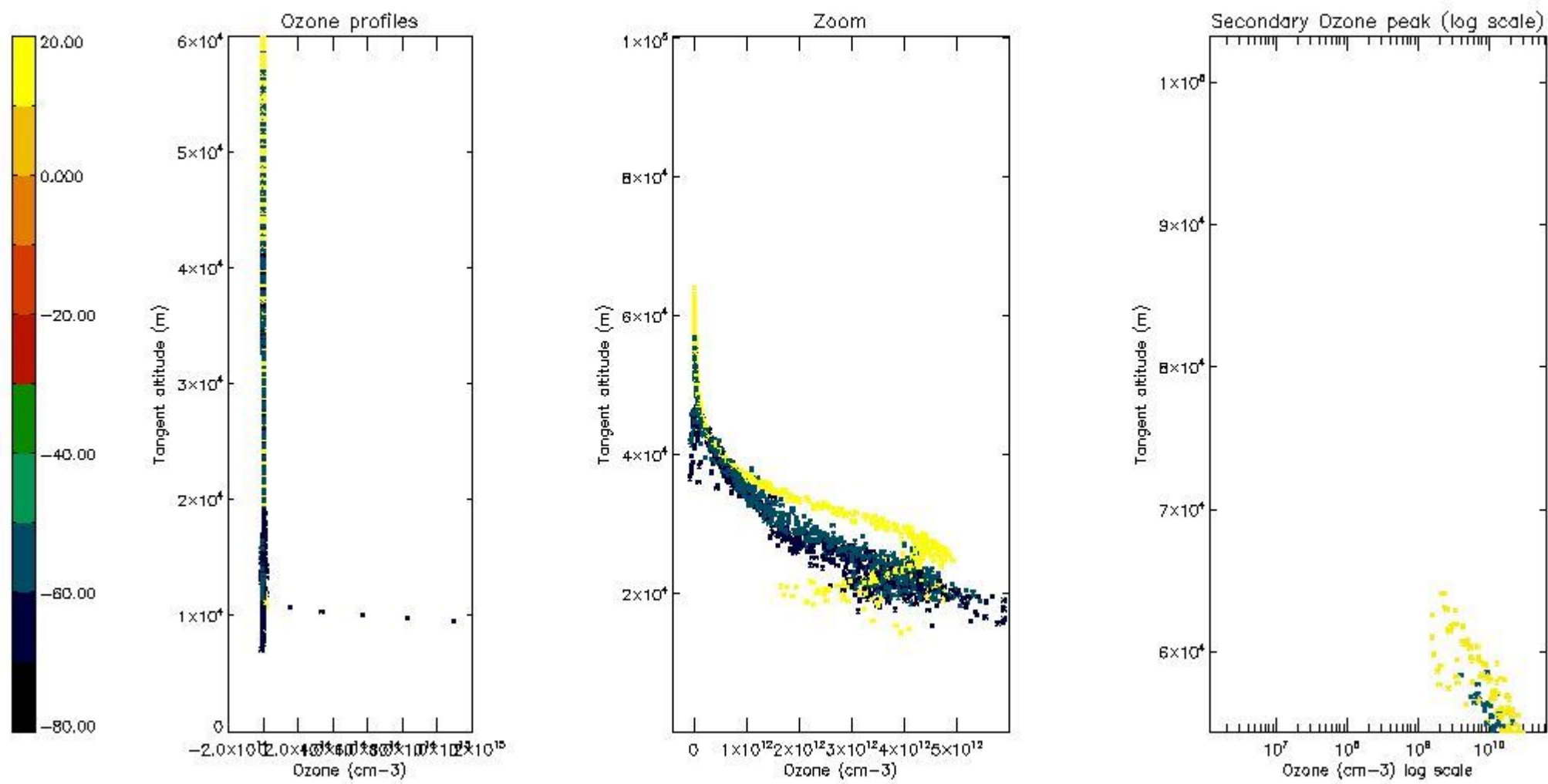
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



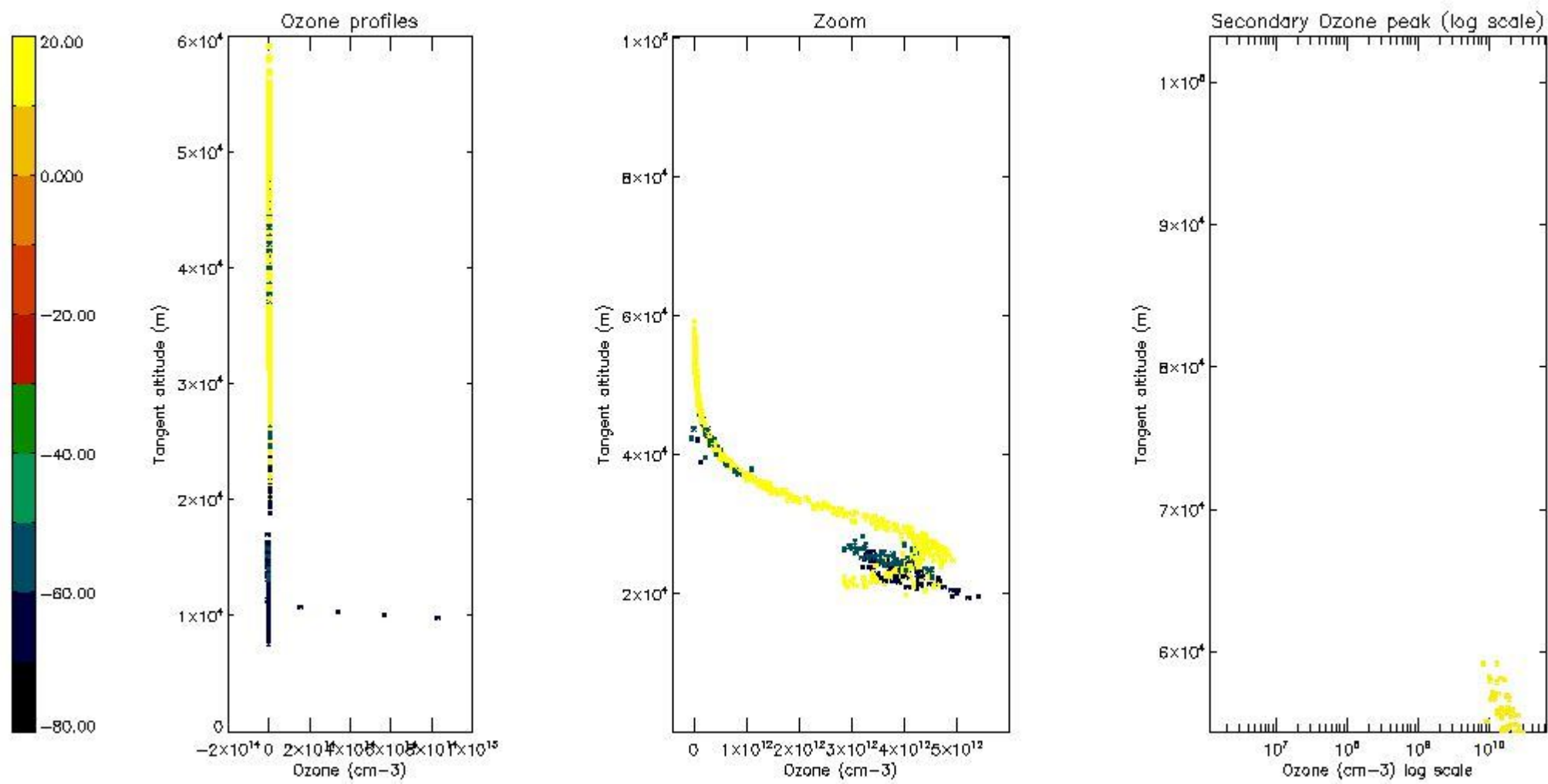
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



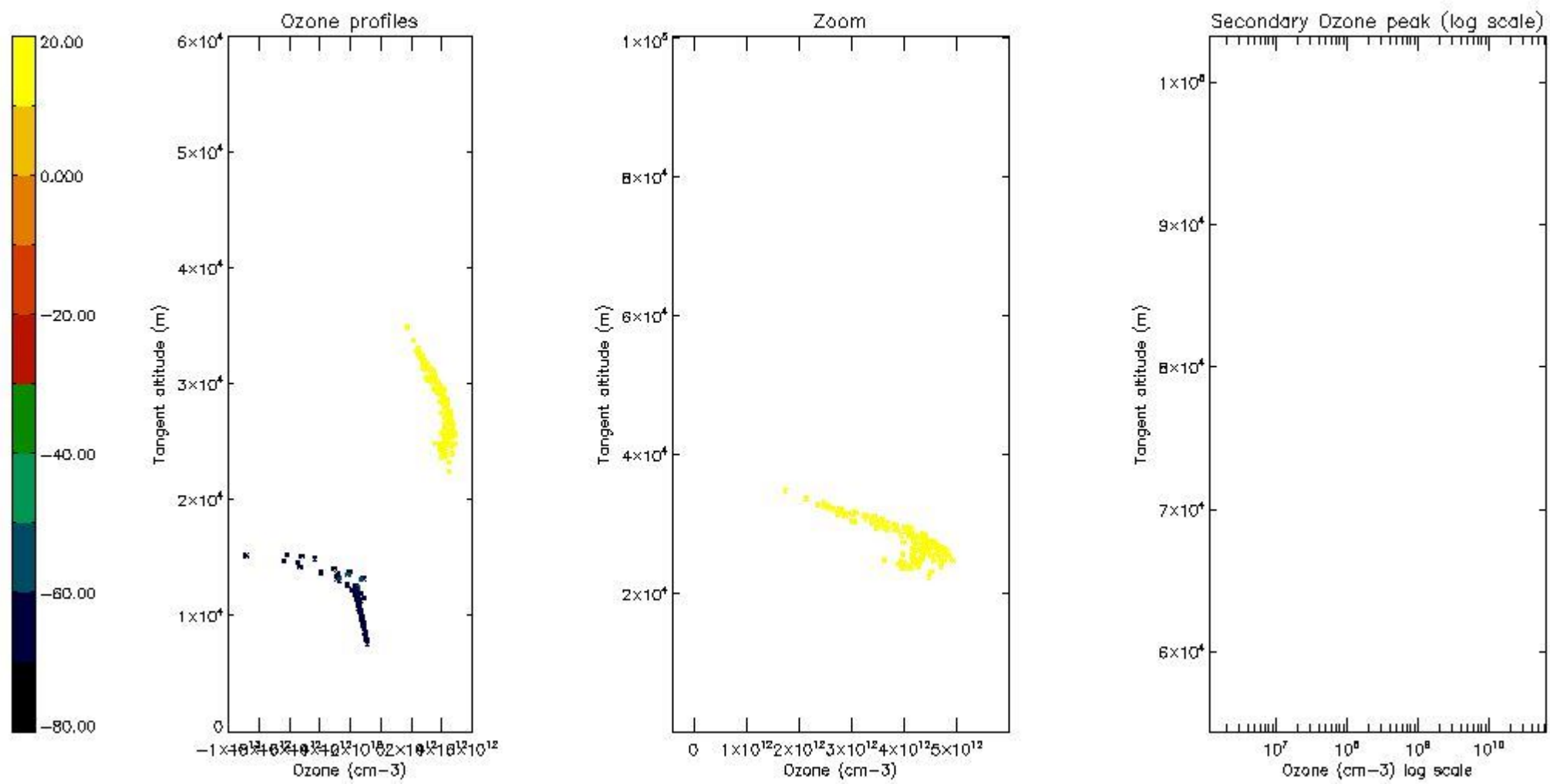
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



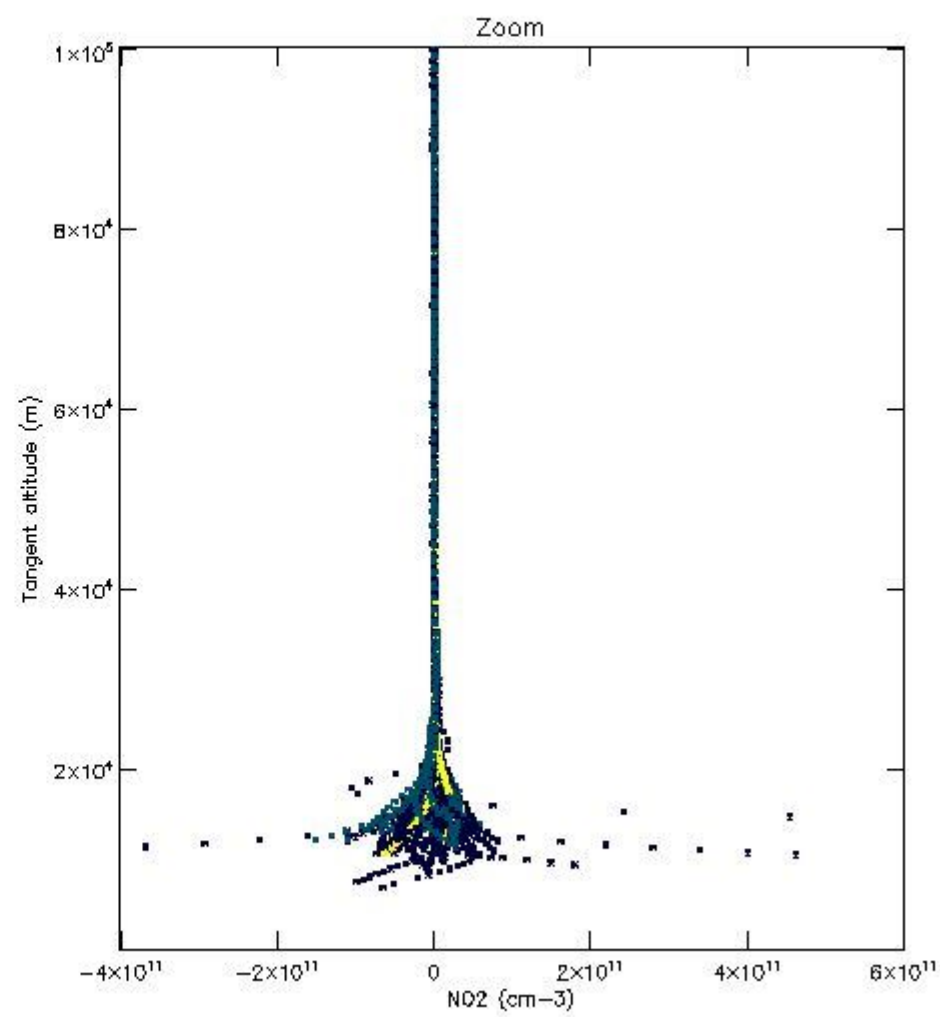
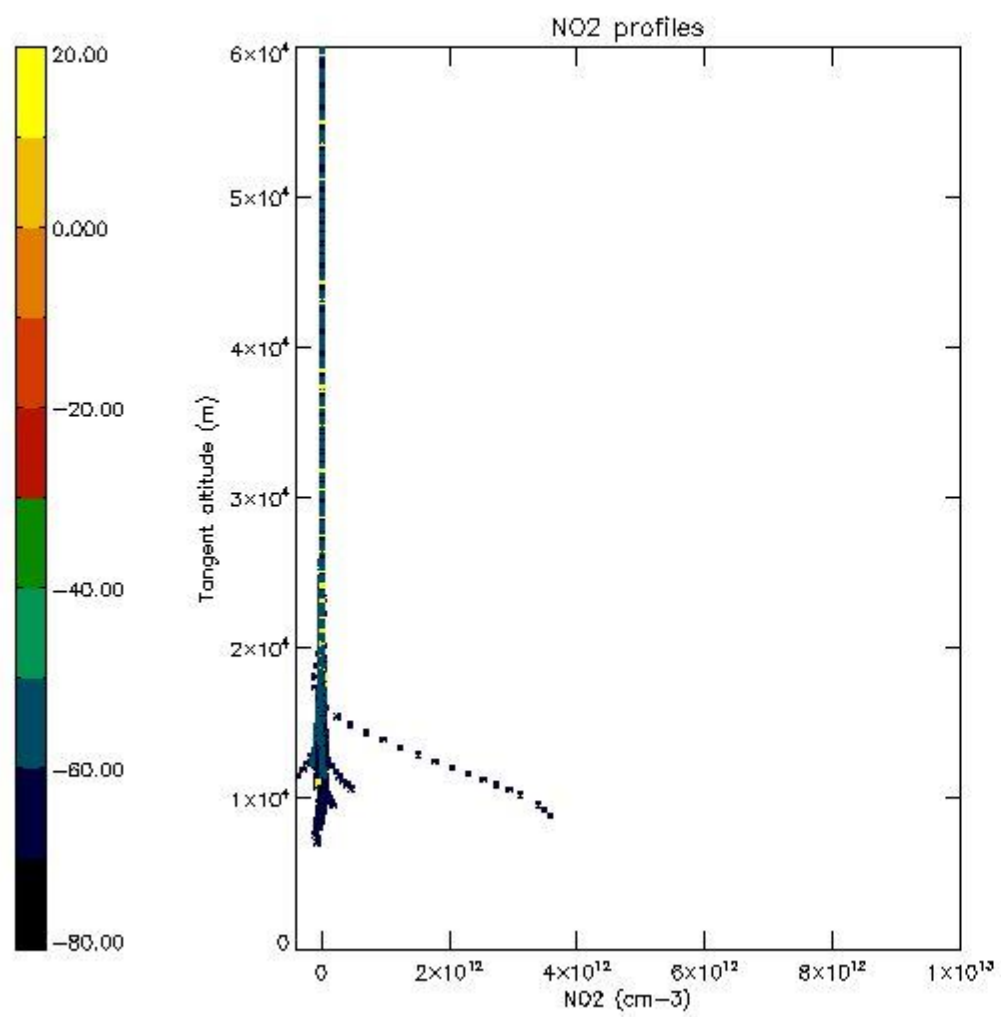
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



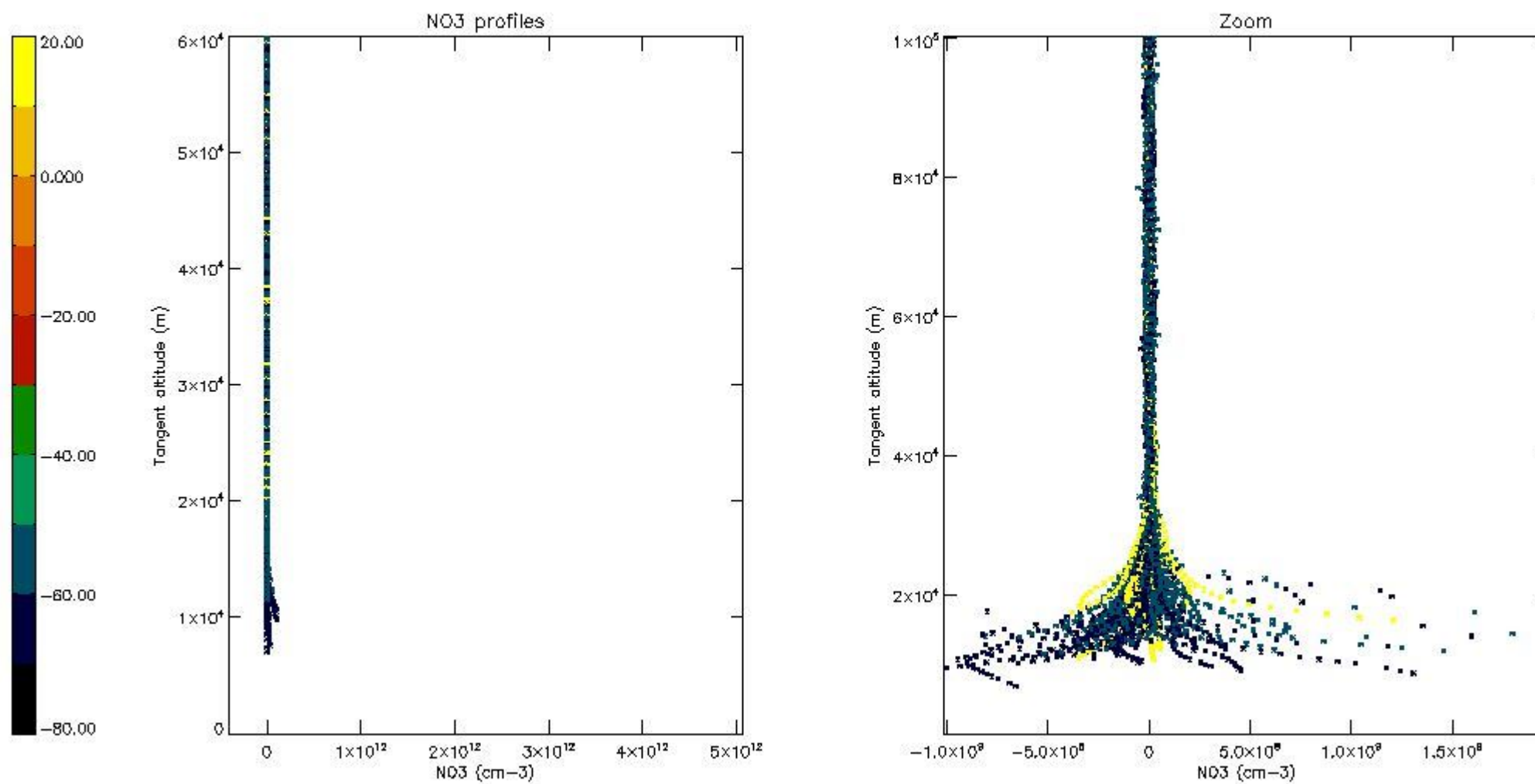
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	16-APR-2010 00:06:59
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-APR-2010 00:06:59
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-APR-2010 00:06:59

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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[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	29APR2013 09:44:53
Data source version	GOMOS/6.01
Start time of products	16-04-2010 (16APR2010 00:00:00)
Stop time of products	17-04-2010 (17APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	268
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__2PRFIN20100416_000659_000000542088_00345_42483_4750.N1	16-APR-2010 00:06:59	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	42483	No
2	GOM_NL__2PRFIN20100416_000927_000000462088_00345_42483_4751.N1	16-APR-2010 00:09:27	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42483	No
3	GOM_NL__2PRFIN20100416_001205_000000502088_00345_42483_4752.N1	16-APR-2010 00:12:05	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	42483	No
4	GOM_NL__2PRFIN20100416_001429_000000452088_00345_42483_4753.N1	16-APR-2010 00:14:29	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42483	No
5	GOM_NL__2PRFIN20100416_003446_000000542088_00346_42484_4762.N1	16-APR-2010 00:34:46	Dark	54.000	40	The Sco	1.8590	7100.0	108	42484	No
6	GOM_NL__2PRFIN20100416_004149_000000432088_00346_42484_4763.N1	16-APR-2010 00:41:49	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42484	No
7	GOM_NL__2PRFIN20100416_004324_000000462088_00346_42484_4764.N1	16-APR-2010 00:43:24	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42484	No
8	GOM_NL__2PRFIN20100416_004546_000000472088_00346_42484_4765.N1	16-APR-2010 00:45:46	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42484	No
9	GOM_NL__2PRFIN20100416_005029_000000452088_00346_42484_4766.N1	16-APR-2010 00:50:29	Twilight_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	42484	No
10	GOM_NL__2PRFIN20100416_005407_000000472088_00346_42484_4767.N1	16-APR-2010 00:54:07	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	42484	No
11	GOM_NL__2PRFIN20100416_005710_000000392088_00346_42484_4768.N1	16-APR-2010 00:57:10	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42484	No
12	GOM_NL__2PRFIN20100416_010057_000000412088_00346_42484_4769.N1	16-APR-2010 01:00:57	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42484	No
13	GOM_NL__2PRFIN20100416_010419_000000492088_00346_42484_4770.N1	16-APR-2010 01:04:19	Bright	49.000	111	8Eta Boo	2.6800	6000.0	98	42484	No
14	GOM_NL__2PRFIN20100416_010904_000000402088_00346_42484_4771.N1	16-APR-2010 01:09:04	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42484	No
15	GOM_NL__2PRFIN20100416_011322_000000432088_00346_42484_4772.N1	16-APR-2010 01:13:22	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	42484	No
16	GOM_NL__2PRFIN20100416_012027_000000372088_00346_42484_4773.N1	16-APR-2010 01:20:27	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42484	No
17	GOM_NL__2PRFIN20100416_012152_000000482088_00346_42484_4774.N1	16-APR-2010 01:21:52	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	42484	No
18	GOM_NL__2PRFIN20100416_013033_000000382088_00346_42484_4775.N1	16-APR-2010 01:30:33	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42484	No
19	GOM_NL__2PRFIN20100416_013549_000000472088_00346_42484_4776.N1	16-APR-2010 01:35:49	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	42484	No
20	GOM_NL__2PRFIN20100416_014030_000000362088_00346_42484_4777.N1	16-APR-2010 01:40:30	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	42484	No
21	GOM_NL__2PRFIN20100416_014735_000000522088_00346_42484_4778.N1	16-APR-2010 01:47:35	Dark	52.000	61	8Eps Peg	2.1000	3900.0	104	42484	No
22	GOM_NL__2PRFIN20100416_015004_000000482088_00346_42484_4779.N1	16-APR-2010 01:50:04	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	42484	No
23	GOM_NL__2PRFIN20100416_015242_000000472088_00346_42484_4780.N1	16-APR-2010 01:52:42	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42484	No
24	GOM_NL__2PRFIN20100416_015505_000000442088_00346_42484_4781.N1	16-APR-2010 01:55:05	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42484	No
25	GOM_NL__2PRFIN20100416_021523_000000592088_00347_42485_4770.N1	16-APR-2010 02:15:23	Dark	59.000	40	The Sco	1.8590	7100.0	118	42485	No
26	GOM_NL__2PRFIN20100416_022225_000000432088_00347_42485_4771.N1	16-APR-2010 02:22:25	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42485	No
27	GOM_NL__2PRFIN20100416_022400_000000452088_00347_42485_4772.N1	16-APR-2010 02:24:00	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42485	No
28	GOM_NL__2PRFIN20100416_022622_000000492088_00347_42485_4773.N1	16-APR-2010 02:26:22	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42485	No
29	GOM_NL__2PRFIN20100416_023105_000000452088_00347_42485_4774.N1	16-APR-2010 02:31:05	Twilight_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	42485	No
30	GOM_NL__2PRFIN20100416_023443_000000522088_00347_42485_4775.N1	16-APR-2010 02:34:43	Bright	51.500	15	67Alp Vir	0.97600	28000.	103	42485	No
31	GOM_NL__2PRFIN20100416_023746_000000382088_00347_42485_4776.N1	16-APR-2010 02:37:46	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	42485	No
32	GOM_NL__2PRFIN20100416_024132_000000412088_00347_42485_4777.N1	16-APR-2010 02:41:32	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42485	No
33	GOM_NL__2PRFIN20100416_024455_000000492088_00347_42485_4778.N1	16-APR-2010 02:44:55	Bright	48.500	111	8Eta Boo	2.6800	6000.0	97	42485	No
34	GOM_NL__2PRFIN20100416_024939_000000402088_00347_42485_4779.N1	16-APR-2010 02:49:39	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42485	No
35	GOM_NL__2PRFIN20100416_025358_000000422088_00347_42485_4780.N1	16-APR-2010 02:53:58	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42485	No
36	GOM_NL__2PRFIN20100416_030102_000000412088_00347_42485_4781.N1	16-APR-2010 03:01:02	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42485	No
37	GOM_NL__2PRFIN20100416_030227_000000472088_00347_42485_4782.N1	16-APR-2010 03:02:27	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	42485	No
38	GOM_NL__2PRFIN20100416_031109_000000422088_00347_42485_4783.N1	16-APR-2010 03:11:09	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42485	No
39	GOM_NL__2PRFIN20100416_031625_000000512088_00347_42485_4784.N1	16-APR-2010 03:16:25	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	42485	No
40	GOM_NL__2PRFIN20100416_032106_000000512088_00347_42485_4785.N1	16-APR-2010 03:21:06	Bright	51.000	164	44Eta Peg	2.9480	5400.0	102	42485	No
41	GOM_NL__2PRFIN20100416_032812_000000522088_00347_42485_4786.N1	16-APR-2010 03:28:12	Dark	51.500	61	8Eps Peg	2.1000	3900.0	103	42485	No
42	GOM_NL__2PRFIN20100416_033040_000000452088_00347_42485_4787.N1	16-APR-2010 03:30:40	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	42485	No

43	GOM_NL__2PRFIN20100416_033319_000000482088_00347_42485_4788.N1	16-APR-2010 03:33:19	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42485	No
44	GOM_NL__2PRFIN20100416_033542_000000452088_00347_42485_4789.N1	16-APR-2010 03:35:42	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42485	No
45	GOM_NL__2PRFIN20100416_035600_000000572088_00348_42486_4778.N1	16-APR-2010 03:56:00	Dark	56.500	40	The Sco	1.8590	7100.0	113	42486	No
46	GOM_NL__2PRFIN20100416_040302_000000442088_00348_42486_4779.N1	16-APR-2010 04:03:02	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42486	No
47	GOM_NL__2PRFIN20100416_040437_000000432088_00348_42486_4780.N1	16-APR-2010 04:04:37	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42486	No
48	GOM_NL__2PRFIN20100416_040659_000000452088_00348_42486_4781.N1	16-APR-2010 04:06:59	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	42486	No
49	GOM_NL__2PRFIN20100416_041141_000000442088_00348_42486_4782.N1	16-APR-2010 04:11:41	Tw_i_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42486	No
50	GOM_NL__2PRFIN20100416_041519_000000462088_00348_42486_4783.N1	16-APR-2010 04:15:19	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	42486	No
51	GOM_NL__2PRFIN20100416_041822_000000392088_00348_42486_4784.N1	16-APR-2010 04:18:22	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42486	No
52	GOM_NL__2PRFIN20100416_042208_000000402088_00348_42486_4785.N1	16-APR-2010 04:22:08	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	42486	No
53	GOM_NL__2PRFIN20100416_042531_000000482088_00348_42486_4786.N1	16-APR-2010 04:25:31	Bright	48.000	111	8Eta Boo	2.6800	6000.0	96	42486	No
54	GOM_NL__2PRFIN20100416_043015_000000392088_00348_42486_4787.N1	16-APR-2010 04:30:15	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42486	No
55	GOM_NL__2PRFIN20100416_043433_000000422088_00348_42486_4788.N1	16-APR-2010 04:34:33	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42486	No
56	GOM_NL__2PRFIN20100416_044138_000000402088_00348_42486_4789.N1	16-APR-2010 04:41:38	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42486	No
57	GOM_NL__2PRFIN20100416_044302_000000692088_00348_42486_4790.N1	16-APR-2010 04:43:02	Bright	68.500	119	14Eta Dra	2.7270	4700.0	137	42486	No
58	GOM_NL__2PRFIN20100416_045145_000000422088_00348_42486_4791.N1	16-APR-2010 04:51:45	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42486	No
59	GOM_NL__2PRFIN20100416_045701_000000512088_00348_42486_4792.N1	16-APR-2010 04:57:01	Bright	51.000	19	50Alp Cyg	1.2460	10500.	102	42486	No
60	GOM_NL__2PRFIN20100416_050142_000000542088_00348_42486_4793.N1	16-APR-2010 05:01:42	Bright	54.000	164	44Eta Peg	2.9480	5400.0	108	42486	No
61	GOM_NL__2PRFIN20100416_050848_000000542088_00348_42486_4794.N1	16-APR-2010 05:08:48	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42486	No
62	GOM_NL__2PRFIN20100416_051117_000000472088_00348_42486_4795.N1	16-APR-2010 05:11:17	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42486	No
63	GOM_NL__2PRFIN20100416_051355_000000492088_00348_42486_4796.N1	16-APR-2010 05:13:55	Dark	48.500	154	22Bet Aqr	2.8990	5700.0	97	42486	No
64	GOM_NL__2PRFIN20100416_051618_000000422088_00348_42486_4797.N1	16-APR-2010 05:16:18	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	42486	No
65	GOM_NL__2PRFIN20100416_053638_000000512088_00349_42487_4786.N1	16-APR-2010 05:36:38	Dark	51.000	40	The Sco	1.8590	7100.0	102	42487	No
66	GOM_NL__2PRFIN20100416_054338_000000412088_00349_42487_4787.N1	16-APR-2010 05:43:38	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42487	No
67	GOM_NL__2PRFIN20100416_054513_000000422088_00349_42487_4788.N1	16-APR-2010 05:45:13	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	42487	No
68	GOM_NL__2PRFIN20100416_054735_000000492088_00349_42487_4789.N1	16-APR-2010 05:47:35	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42487	No
69	GOM_NL__2PRFIN20100416_055217_000000432088_00349_42487_4790.N1	16-APR-2010 05:52:17	Tw_i_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42487	No
70	GOM_NL__2PRFIN20100416_055555_000000462088_00349_42487_4791.N1	16-APR-2010 05:55:55	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	42487	No
71	GOM_NL__2PRFIN20100416_055858_000000402088_00349_42487_4792.N1	16-APR-2010 05:58:58	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42487	No
72	GOM_NL__2PRFIN20100416_060244_000000412088_00349_42487_4793.N1	16-APR-2010 06:02:44	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42487	No
73	GOM_NL__2PRFIN20100416_060606_000000642088_00349_42487_4794.N1	16-APR-2010 06:06:06	Bright	64.000	111	8Eta Boo	2.6800	6000.0	128	42487	No
74	GOM_NL__2PRFIN20100416_061051_000000392088_00349_42487_4795.N1	16-APR-2010 06:10:51	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42487	No
75	GOM_NL__2PRFIN20100416_061509_000000422088_00349_42487_4796.N1	16-APR-2010 06:15:09	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42487	No
76	GOM_NL__2PRFIN20100416_062214_000000562088_00349_42487_4797.N1	16-APR-2010 06:22:14	Bright	56.000	60	7Bet UMi	2.0810	3950.0	112	42487	No
77	GOM_NL__2PRFIN20100416_062338_000000462088_00349_42487_4798.N1	16-APR-2010 06:23:38	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	42487	No
78	GOM_NL__2PRFIN20100416_063221_000000382088_00349_42487_4799.N1	16-APR-2010 06:32:21	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42487	No
79	GOM_NL__2PRFIN20100416_063737_000000502088_00349_42487_4800.N1	16-APR-2010 06:37:37	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	42487	No
80	GOM_NL__2PRFIN20100416_064218_000000382088_00349_42487_4801.N1	16-APR-2010 06:42:18	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	42487	No
81	GOM_NL__2PRFIN20100416_064925_000000522088_00349_42487_4802.N1	16-APR-2010 06:49:25	Dark	52.000	61	8Eps Peg	2.1000	3900.0	104	42487	No
82	GOM_NL__2PRFIN20100416_065153_000000472088_00349_42487_4803.N1	16-APR-2010 06:51:53	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42487	No
83	GOM_NL__2PRFIN20100416_065432_000000492088_00349_42487_4804.N1	16-APR-2010 06:54:32	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42487	No
84	GOM_NL__2PRFIN20100416_065655_000000452088_00349_42487_4805.N1	16-APR-2010 06:56:55	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42487	No
85	GOM_NL__2PRFIN20100416_071714_000000542088_00350_42488_4794.N1	16-APR-2010 07:17:14	Dark	53.500	40	The Sco	1.8590	7100.0	107	42488	No
86	GOM_NL__2PRFIN20100416_072414_000000442088_00350_42488_4795.N1	16-APR-2010 07:24:14	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42488	No
87	GOM_NL__2PRFIN20100416_072550_000000442088_00350_42488_4796.N1	16-APR-2010 07:25:50	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42488	No
88	GOM_NL__2PRFIN20100416_072811_000000482088_00350_42488_4797.N1	16-APR-2010 07:28:11	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42488	No
89	GOM_NL__2PRFIN20100416_073253_000000412088_00350_42488_4798.N1	16-APR-2010 07:32:53	Tw_i_and_stray	40.500	169	46Gam Hya	2.9910	4700.0	81	42488	No
90	GOM_NL__2PRFIN20100416_073631_000000452088_00350_42488_4799.N1	16-APR-2010 07:36:31	Bright	45.000	15	67Alp Vir	0.97600	28000.	90	42488	No
91	GOM_NL__2PRFIN20100416_073934_000000392088_00350_42488_4800.N1	16-APR-2010 07:39:34	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42488	No
92	GOM_NL__2PRFIN20100416_074320_000000412088_00350_42488_4801.N1	16-APR-2010 07:43:20	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42488	No
93	GOM_NL__2PRFIN20100416_074641_000000492088_00350_42488_4802.N1	16-APR-2010 07:46:41	Bright	48.500	111	8Eta Boo	2.6800	6000.0	97	42488	No
94	GOM_NL__2PRFIN20100416_075126_000000392088_00350_42488_4803.N1	16-APR-2010 07:51:26	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42488	No
95	GOM_NL__2PRFIN20100416_075544_000000402088_00350_42488_4804.N1	16-APR-2010 07:55:44	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42488	No
96	GOM_NL__2PRFIN20100416_080249_000000402088_00350_42488_4805.N1	16-APR-2010 08:02:49	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42488	No
97	GOM_NL__2PRFIN20100416_080413_000000482088_00350_42488_4806.N1	16-APR-2010 08:04:13	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	42488	No
98	GOM_NL__2PRFIN20100416_081257_000000422088_00350_42488_4807.N1	16-APR-2010 08:12:57	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42488	No
99	GOM_NL__2PRFIN20100416_082254_000000382088_00350_42488_4808.N1	16-APR-2010 08:22:54	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	42488	No
100	GOM_NL__2PRFIN20100416_083001_000000512088_00350_42488_4809.N1	16-APR-2010 08:30:01	Dark	50.500	61	8Eps Peg	2.1000	3900.0	101	42488	No
101	GOM_NL__2PRFIN20100416_083229_000000452088_00350_42488_4810.N1	16-APR-2010 08:32:29	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	42488	No

102	GOM_NL__2PRFIN20100416_083509_000000492088_00350_42488_4811.N1	16-APR-2010 08:35:09	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42488	No
103	GOM_NL__2PRFIN20100416_083731_000000452088_00350_42488_4812.N1	16-APR-2010 08:37:31	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42488	No
104	GOM_NL__2PRFIN20100416_085751_000000552088_00351_42489_4802.N1	16-APR-2010 08:57:51	Dark	55.000	40	The Sco	1.8590	7100.0	110	42489	No
105	GOM_NL__2PRFIN20100416_090450_000000442088_00351_42489_4803.N1	16-APR-2010 09:04:50	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42489	No
106	GOM_NL__2PRFIN20100416_090626_000000442088_00351_42489_4804.N1	16-APR-2010 09:06:26	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42489	No
107	GOM_NL__2PRFIN20100416_090848_000000462088_00351_42489_4805.N1	16-APR-2010 09:08:48	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42489	No
108	GOM_NL__2PRFIN20100416_091330_000000432088_00351_42489_4806.N1	16-APR-2010 09:13:30	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42489	No
109	GOM_NL__2PRFIN20100416_091707_000000442088_00351_42489_4807.N1	16-APR-2010 09:17:07	Bright	44.000	15	67Alp Vir	0.97600	28000.	88	42489	No
110	GOM_NL__2PRFIN20100416_092010_000000402088_00351_42489_4808.N1	16-APR-2010 09:20:10	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42489	No
111	GOM_NL__2PRFIN20100416_092356_000000402088_00351_42489_4809.N1	16-APR-2010 09:23:56	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	42489	No
112	GOM_NL__2PRFIN20100416_092717_000000472088_00351_42489_4810.N1	16-APR-2010 09:27:17	Bright	46.500	111	8Eta Boo	2.6800	6000.0	93	42489	No
113	GOM_NL__2PRFIN20100416_093202_000000382088_00351_42489_4811.N1	16-APR-2010 09:32:02	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42489	No
114	GOM_NL__2PRFIN20100416_093620_000000432088_00351_42489_4812.N1	16-APR-2010 09:36:20	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	42489	No
115	GOM_NL__2PRFIN20100416_094325_000000382088_00351_42489_4813.N1	16-APR-2010 09:43:25	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	42489	No
116	GOM_NL__2PRFIN20100416_094448_000000482088_00351_42489_4814.N1	16-APR-2010 09:44:48	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	42489	No
117	GOM_NL__2PRFIN20100416_095332_000000412088_00351_42489_4815.N1	16-APR-2010 09:53:32	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42489	No
118	GOM_NL__2PRFIN20100416_100330_000000372088_00351_42489_4816.N1	16-APR-2010 10:03:30	Bright	36.500	164	44Eta Peg	2.9480	5400.0	73	42489	No
119	GOM_NL__2PRFIN20100416_101037_000000572088_00351_42489_4817.N1	16-APR-2010 10:10:37	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	42489	No
120	GOM_NL__2PRFIN20100416_101306_000000452088_00351_42489_4818.N1	16-APR-2010 10:13:06	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	42489	No
121	GOM_NL__2PRFIN20100416_101545_000000482088_00351_42489_4819.N1	16-APR-2010 10:15:45	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42489	No
122	GOM_NL__2PRFIN20100416_101808_000000432088_00351_42489_4820.N1	16-APR-2010 10:18:08	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42489	No
123	GOM_NL__2PRFIN20100416_103829_000000582088_00352_42490_4815.N1	16-APR-2010 10:38:29	Dark	58.000	40	The Sco	1.8590	7100.0	116	42490	No
124	GOM_NL__2PRFIN20100416_104527_000000422088_00352_42490_4816.N1	16-APR-2010 10:45:27	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42490	No
125	GOM_NL__2PRFIN20100416_104702_000000422088_00352_42490_4817.N1	16-APR-2010 10:47:02	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	42490	No
126	GOM_NL__2PRFIN20100416_104924_000000482088_00352_42490_4818.N1	16-APR-2010 10:49:24	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42490	No
127	GOM_NL__2PRFIN20100416_105405_000000462088_00352_42490_4819.N1	16-APR-2010 10:54:05	Tw_i_and_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	42490	No
128	GOM_NL__2PRFIN20100416_105743_000000442088_00352_42490_4820.N1	16-APR-2010 10:57:43	Bright	44.000	15	67Alp Vir	0.97600	28000.	88	42490	No
129	GOM_NL__2PRFIN20100416_110046_000000392088_00352_42490_4821.N1	16-APR-2010 11:00:46	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42490	No
130	GOM_NL__2PRFIN20100416_110432_000000392088_00352_42490_4822.N1	16-APR-2010 11:04:32	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	42490	No
131	GOM_NL__2PRFIN20100416_110752_000000482088_00352_42490_4823.N1	16-APR-2010 11:07:52	Bright	47.500	111	8Eta Boo	2.6800	6000.0	95	42490	No
132	GOM_NL__2PRFIN20100416_111237_000000382088_00352_42490_4824.N1	16-APR-2010 11:12:37	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42490	No
133	GOM_NL__2PRFIN20100416_111655_000000422088_00352_42490_4825.N1	16-APR-2010 11:16:55	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42490	No
134	GOM_NL__2PRFIN20100416_112401_000000412088_00352_42490_4826.N1	16-APR-2010 11:24:01	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42490	No
135	GOM_NL__2PRFIN20100416_112523_000000452088_00352_42490_4827.N1	16-APR-2010 11:25:23	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42490	No
136	GOM_NL__2PRFIN20100416_113407_000000412088_00352_42490_4828.N1	16-APR-2010 11:34:07	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42490	No
137	GOM_NL__2PRFIN20100416_114406_000000372088_00352_42490_4829.N1	16-APR-2010 11:44:06	Bright	37.000	164	44Eta Peg	2.9480	5400.0	74	42490	No
138	GOM_NL__2PRFIN20100416_115114_000000562088_00352_42490_4830.N1	16-APR-2010 11:51:14	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42490	No
139	GOM_NL__2PRFIN20100416_115342_000000482088_00352_42490_4831.N1	16-APR-2010 11:53:42	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	42490	No
140	GOM_NL__2PRFIN20100416_115621_000000502088_00352_42490_4832.N1	16-APR-2010 11:56:21	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42490	No
141	GOM_NL__2PRFIN20100416_115844_000000442088_00352_42490_4833.N1	16-APR-2010 11:58:44	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42490	No
142	GOM_NL__2PRFIN20100416_121905_000000622088_00353_42491_4827.N1	16-APR-2010 12:19:05	Dark	61.500	40	The Sco	1.8590	7100.0	123	42491	No
143	GOM_NL__2PRFIN20100416_122603_000000442088_00353_42491_4828.N1	16-APR-2010 12:26:03	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42491	No
144	GOM_NL__2PRFIN20100416_122739_000000442088_00353_42491_4829.N1	16-APR-2010 12:27:39	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42491	No
145	GOM_NL__2PRFIN20100416_123000_000000512088_00353_42491_4830.N1	16-APR-2010 12:30:00	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	42491	No
146	GOM_NL__2PRFIN20100416_123442_000000432088_00353_42491_4831.N1	16-APR-2010 12:34:42	Tw_i_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42491	No
147	GOM_NL__2PRFIN20100416_123819_000000452088_00353_42491_4832.N1	16-APR-2010 12:38:19	Bright	45.000	15	67Alp Vir	0.97600	28000.	90	42491	No
148	GOM_NL__2PRFIN20100416_124122_000000392088_00353_42491_4833.N1	16-APR-2010 12:41:22	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42491	No
149	GOM_NL__2PRFIN20100416_124507_000000382088_00353_42491_4834.N1	16-APR-2010 12:45:07	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42491	No
150	GOM_NL__2PRFIN20100416_124827_000000482088_00353_42491_4835.N1	16-APR-2010 12:48:27	Bright	48.000	111	8Eta Boo	2.6800	6000.0	96	42491	No
151	GOM_NL__2PRFIN20100416_125313_000000402088_00353_42491_4836.N1	16-APR-2010 12:53:13	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42491	No
152	GOM_NL__2PRFIN20100416_125730_000000442088_00353_42491_4837.N1	16-APR-2010 12:57:30	Bright	44.000	39	85Eta UMa	1.8540	24000.	88	42491	No
153	GOM_NL__2PRFIN20100416_130436_000000362088_00353_42491_4838.N1	16-APR-2010 13:04:36	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	42491	No
154	GOM_NL__2PRFIN20100416_130558_000000452088_00353_42491_4839.N1	16-APR-2010 13:05:58	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	42491	No
155	GOM_NL__2PRFIN20100416_131444_000000402088_00353_42491_4840.N1	16-APR-2010 13:14:44	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42491	No
156	GOM_NL__2PRFIN20100416_132442_000000382088_00353_42491_4841.N1	16-APR-2010 13:24:42	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	42491	No
157	GOM_NL__2PRFIN20100416_133150_000000532088_00353_42491_4842.N1	16-APR-2010 13:31:50	Dark	52.500	61	8Eps Peg	2.1000	3900.0	105	42491	No
158	GOM_NL__2PRFIN20100416_133418_000000462088_00353_42491_4843.N1	16-APR-2010 13:34:18	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42491	No
159	GOM_NL__2PRFIN20100416_133658_000000502088_00353_42491_4844.N1	16-APR-2010 13:36:58	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	42491	No
160	GOM_NL__2PRFIN20100416_133921_000000452088_00353_42491_4845.N1	16-APR-2010 13:39:21	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42491	No

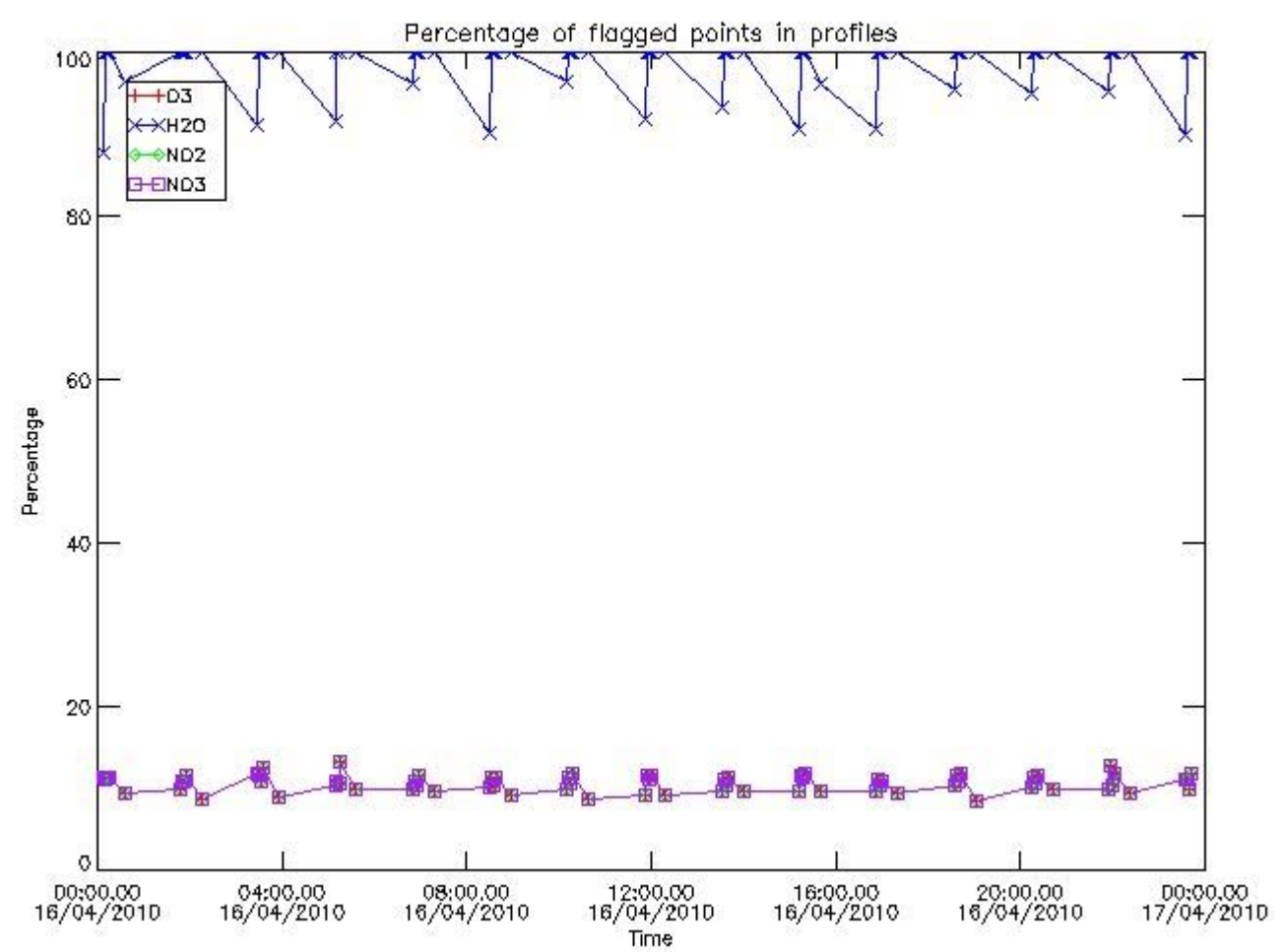
161	GOM_NL__2PRFIN20100416_135942_000000532088_00354_42492_4837.N1	16-APR-2010 13:59:42	Dark	53.000	40	The Sco	1.8590	7100.0	106	42492	No
162	GOM_NL__2PRFIN20100416_140639_000000412088_00354_42492_4838.N1	16-APR-2010 14:06:39	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42492	No
163	GOM_NL__2PRFIN20100416_140815_000000452088_00354_42492_4839.N1	16-APR-2010 14:08:15	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42492	No
164	GOM_NL__2PRFIN20100416_141036_000000502088_00354_42492_4840.N1	16-APR-2010 14:10:36	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42492	No
165	GOM_NL__2PRFIN20100416_141518_000000432088_00354_42492_4841.N1	16-APR-2010 14:15:18	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42492	No
166	GOM_NL__2PRFIN20100416_141855_000000452088_00354_42492_4842.N1	16-APR-2010 14:18:55	Bright	45.000	15	67Alp Vir	0.97600	28000.	90	42492	No
167	GOM_NL__2PRFIN20100416_142158_000000392088_00354_42492_4843.N1	16-APR-2010 14:21:58	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42492	No
168	GOM_NL__2PRFIN20100416_142543_000000392088_00354_42492_4844.N1	16-APR-2010 14:25:43	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	42492	No
169	GOM_NL__2PRFIN20100416_142903_000000452088_00354_42492_4845.N1	16-APR-2010 14:29:03	Bright	44.500	111	8Eta Boo	2.6800	6000.0	89	42492	No
170	GOM_NL__2PRFIN20100416_143349_000000372088_00354_42492_4846.N1	16-APR-2010 14:33:49	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42492	No
171	GOM_NL__2PRFIN20100416_143806_000000442088_00354_42492_4847.N1	16-APR-2010 14:38:06	Bright	44.000	39	85Eta UMa	1.8540	24000.	88	42492	No
172	GOM_NL__2PRFIN20100416_144512_000000392088_00354_42492_4848.N1	16-APR-2010 14:45:12	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42492	No
173	GOM_NL__2PRFIN20100416_145519_000000412088_00354_42492_4849.N1	16-APR-2010 14:55:19	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42492	No
174	GOM_NL__2PRFIN20100416_150518_000000542088_00354_42492_4850.N1	16-APR-2010 15:05:18	Bright	54.000	164	44Eta Peg	2.9480	5400.0	108	42492	No
175	GOM_NL__2PRFIN20100416_151227_000000532088_00354_42492_4851.N1	16-APR-2010 15:12:27	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42492	No
176	GOM_NL__2PRFIN20100416_151454_000000442088_00354_42492_4852.N1	16-APR-2010 15:14:54	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42492	No
177	GOM_NL__2PRFIN20100416_151734_000000452088_00354_42492_4853.N1	16-APR-2010 15:17:34	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42492	No
178	GOM_NL__2PRFIN20100416_151957_000000432088_00354_42492_4854.N1	16-APR-2010 15:19:57	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42492	No
179	GOM_NL__2PRFIN20100416_154019_000000532088_00355_42493_4845.N1	16-APR-2010 15:40:19	Dark	53.000	40	The Sco	1.8590	7100.0	106	42493	No
180	GOM_NL__2PRFIN20100416_154716_000000432088_00355_42493_4846.N1	16-APR-2010 15:47:16	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42493	No
181	GOM_NL__2PRFIN20100416_154851_000000442088_00355_42493_4847.N1	16-APR-2010 15:48:51	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42493	No
182	GOM_NL__2PRFIN20100416_155113_000000472088_00355_42493_4848.N1	16-APR-2010 15:51:13	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42493	No
183	GOM_NL__2PRFIN20100416_155554_000000452088_00355_42493_4849.N1	16-APR-2010 15:55:54	Tw_i_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	42493	No
184	GOM_NL__2PRFIN20100416_155931_000000452088_00355_42493_4850.N1	16-APR-2010 15:59:31	Bright	45.000	15	67Alp Vir	0.97600	28000.	90	42493	No
185	GOM_NL__2PRFIN20100416_160234_000000392088_00355_42493_4851.N1	16-APR-2010 16:02:34	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42493	No
186	GOM_NL__2PRFIN20100416_160619_000000402088_00355_42493_4852.N1	16-APR-2010 16:06:19	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	42493	No
187	GOM_NL__2PRFIN20100416_160938_000000482088_00355_42493_4853.N1	16-APR-2010 16:09:38	Bright	48.000	111	8Eta Boo	2.6800	6000.0	96	42493	No
188	GOM_NL__2PRFIN20100416_161424_000000372088_00355_42493_4854.N1	16-APR-2010 16:14:24	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42493	No
189	GOM_NL__2PRFIN20100416_161841_000000432088_00355_42493_4855.N1	16-APR-2010 16:18:41	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	42493	No
190	GOM_NL__2PRFIN20100416_162548_000000402088_00355_42493_4856.N1	16-APR-2010 16:25:48	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42493	No
191	GOM_NL__2PRFIN20100416_163555_000000422088_00355_42493_4857.N1	16-APR-2010 16:35:55	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42493	No
192	GOM_NL__2PRFIN20100416_164554_000000542088_00355_42493_4858.N1	16-APR-2010 16:45:54	Bright	54.000	164	44Eta Peg	2.9480	5400.0	108	42493	No
193	GOM_NL__2PRFIN20100416_165303_000000532088_00355_42493_4859.N1	16-APR-2010 16:53:03	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42493	No
194	GOM_NL__2PRFIN20100416_165531_000000462088_00355_42493_4860.N1	16-APR-2010 16:55:31	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42493	No
195	GOM_NL__2PRFIN20100416_165811_000000492088_00355_42493_4861.N1	16-APR-2010 16:58:11	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42493	No
196	GOM_NL__2PRFIN20100416_170033_000000472088_00355_42493_4862.N1	16-APR-2010 17:00:33	Dark	46.500	142	49Del Cap	2.8500	8900.0	93	42493	No
197	GOM_NL__2PRFIN20100416_172056_000000542088_00356_42494_4874.N1	16-APR-2010 17:20:56	Dark	54.000	40	The Sco	1.8590	7100.0	108	42494	No
198	GOM_NL__2PRFIN20100416_172752_000000442088_00356_42494_4875.N1	16-APR-2010 17:27:52	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42494	No
199	GOM_NL__2PRFIN20100416_172928_000000452088_00356_42494_4876.N1	16-APR-2010 17:29:28	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42494	No
200	GOM_NL__2PRFIN20100416_173149_000000492088_00356_42494_4877.N1	16-APR-2010 17:31:49	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42494	No
201	GOM_NL__2PRFIN20100416_173630_000000462088_00356_42494_4878.N1	16-APR-2010 17:36:30	Tw_i_and_stray	45.500	169	46Gam Hya	2.9910	4700.0	91	42494	No
202	GOM_NL__2PRFIN20100416_174007_000000472088_00356_42494_4879.N1	16-APR-2010 17:40:07	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42494	No
203	GOM_NL__2PRFIN20100416_174310_000000392088_00356_42494_4880.N1	16-APR-2010 17:43:10	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42494	No
204	GOM_NL__2PRFIN20100416_174655_000000412088_00356_42494_4881.N1	16-APR-2010 17:46:55	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42494	No
205	GOM_NL__2PRFIN20100416_175014_000000482088_00356_42494_4882.N1	16-APR-2010 17:50:14	Bright	47.500	111	8Eta Boo	2.6800	6000.0	95	42494	No
206	GOM_NL__2PRFIN20100416_175500_000000442088_00356_42494_4883.N1	16-APR-2010 17:55:00	Bright	44.000	152	12Alp2CVn	2.8900	11000.	88	42494	No
207	GOM_NL__2PRFIN20100416_175917_000000432088_00356_42494_4884.N1	16-APR-2010 17:59:17	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	42494	No
208	GOM_NL__2PRFIN20100416_180623_000000392088_00356_42494_4885.N1	16-APR-2010 18:06:23	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42494	No
209	GOM_NL__2PRFIN20100416_181631_000000392088_00356_42494_4886.N1	16-APR-2010 18:16:31	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42494	No
210	GOM_NL__2PRFIN20100416_182631_000000382088_00356_42494_4887.N1	16-APR-2010 18:26:31	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	42494	No
211	GOM_NL__2PRFIN20100416_183339_000000542088_00356_42494_4888.N1	16-APR-2010 18:33:39	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42494	No
212	GOM_NL__2PRFIN20100416_183607_000000442088_00356_42494_4889.N1	16-APR-2010 18:36:07	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42494	No
213	GOM_NL__2PRFIN20100416_183848_000000482088_00356_42494_4890.N1	16-APR-2010 18:38:48	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42494	No
214	GOM_NL__2PRFIN20100416_184110_000000432088_00356_42494_4891.N1	16-APR-2010 18:41:10	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42494	No
215	GOM_NL__2PRFIN20100416_190134_000000612088_00357_42495_4882.N1	16-APR-2010 19:01:34	Dark	60.500	40	The Sco	1.8590	7100.0	121	42495	No
216	GOM_NL__2PRFIN20100416_190829_000000412088_00357_42495_4883.N1	16-APR-2010 19:08:29	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42495	No
217	GOM_NL__2PRFIN20100416_191004_000000442088_00357_42495_4884.N1	16-APR-2010 19:10:04	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42495	No
218	GOM_NL__2PRFIN20100416_191225_000000492088_00357_42495_4885.N1	16-APR-2010 19:12:25	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42495	No
219	GOM_NL__2PRFIN20100416_191706_000000422088_00357_42495_4886.N1	16-APR-2010 19:17:06	Tw_i_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	42495	No

220	GOM_NL__2PRFIN20100416_192043_000000452088_00357_42495_4887.N1	16-APR-2010 19:20:43	Bright	44.500	15	67Alp Vir	0.97600	28000.	89	42495	No
221	GOM_NL__2PRFIN20100416_192346_000000392088_00357_42495_4888.N1	16-APR-2010 19:23:46	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42495	No
222	GOM_NL__2PRFIN20100416_192731_000000412088_00357_42495_4889.N1	16-APR-2010 19:27:31	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42495	No
223	GOM_NL__2PRFIN20100416_193049_000000462088_00357_42495_4890.N1	16-APR-2010 19:30:49	Bright	46.000	111	8Eta Boo	2.6800	6000.0	92	42495	No
224	GOM_NL__2PRFIN20100416_193536_000000382088_00357_42495_4891.N1	16-APR-2010 19:35:36	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42495	No
225	GOM_NL__2PRFIN20100416_193952_000000432088_00357_42495_4892.N1	16-APR-2010 19:39:52	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	42495	No
226	GOM_NL__2PRFIN20100416_194659_000000412088_00357_42495_4893.N1	16-APR-2010 19:46:59	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42495	No
227	GOM_NL__2PRFIN20100416_195706_000000412088_00357_42495_4894.N1	16-APR-2010 19:57:06	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42495	No
228	GOM_NL__2PRFIN20100416_200707_000000392088_00357_42495_4895.N1	16-APR-2010 20:07:07	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42495	No
229	GOM_NL__2PRFIN20100416_201416_000000502088_00357_42495_4896.N1	16-APR-2010 20:14:16	Dark	50.000	61	8Eps Peg	2.1000	3900.0	100	42495	No
230	GOM_NL__2PRFIN20100416_201644_000000452088_00357_42495_4897.N1	16-APR-2010 20:16:44	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	42495	No
231	GOM_NL__2PRFIN20100416_201924_000000482088_00357_42495_4898.N1	16-APR-2010 20:19:24	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42495	No
232	GOM_NL__2PRFIN20100416_202146_000000452088_00357_42495_4899.N1	16-APR-2010 20:21:46	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42495	No
233	GOM_NL__2PRFIN20100416_204211_000000512088_00358_42496_4890.N1	16-APR-2010 20:42:11	Dark	51.000	40	The Sco	1.8590	7100.0	102	42496	No
234	GOM_NL__2PRFIN20100416_204905_000000392088_00358_42496_4891.N1	16-APR-2010 20:49:05	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	42496	No
235	GOM_NL__2PRFIN20100416_205040_000000462088_00358_42496_4892.N1	16-APR-2010 20:50:40	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42496	No
236	GOM_NL__2PRFIN20100416_205302_000000482088_00358_42496_4893.N1	16-APR-2010 20:53:02	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42496	No
237	GOM_NL__2PRFIN20100416_205742_000000442088_00358_42496_4894.N1	16-APR-2010 20:57:42	Twilight_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42496	No
238	GOM_NL__2PRFIN20100416_210119_000000462088_00358_42496_4895.N1	16-APR-2010 21:01:19	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	42496	No
239	GOM_NL__2PRFIN20100416_210422_000000392088_00358_42496_4896.N1	16-APR-2010 21:04:22	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42496	No
240	GOM_NL__2PRFIN20100416_210806_000000402088_00358_42496_4897.N1	16-APR-2010 21:08:06	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	42496	No
241	GOM_NL__2PRFIN20100416_211124_000000512088_00358_42496_4898.N1	16-APR-2010 21:11:24	Bright	50.500	111	8Eta Boo	2.6800	6000.0	101	42496	No
242	GOM_NL__2PRFIN20100416_211611_000000392088_00358_42496_4899.N1	16-APR-2010 21:16:11	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42496	No
243	GOM_NL__2PRFIN20100416_212028_000000422088_00358_42496_4900.N1	16-APR-2010 21:20:28	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42496	No
244	GOM_NL__2PRFIN20100416_212735_000000402088_00358_42496_4901.N1	16-APR-2010 21:27:35	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42496	No
245	GOM_NL__2PRFIN20100416_213742_000000382088_00358_42496_4902.N1	16-APR-2010 21:37:42	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	42496	No
246	GOM_NL__2PRFIN20100416_214743_000000542088_00358_42496_4903.N1	16-APR-2010 21:47:43	Bright	54.000	164	44Eta Peg	2.9480	5400.0	108	42496	No
247	GOM_NL__2PRFIN20100416_215452_000000522088_00358_42496_4904.N1	16-APR-2010 21:54:52	Dark	51.500	61	8Eps Peg	2.1000	3900.0	103	42496	No
248	GOM_NL__2PRFIN20100416_215720_000000442088_00358_42496_4905.N1	16-APR-2010 21:57:20	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42496	No
249	GOM_NL__2PRFIN20100416_220001_000000492088_00358_42496_4906.N1	16-APR-2010 22:00:01	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42496	No
250	GOM_NL__2PRFIN20100416_220223_000000442088_00358_42496_4907.N1	16-APR-2010 22:02:23	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42496	No
251	GOM_NL__2PRFIN20100416_222247_000000542088_00359_42497_4898.N1	16-APR-2010 22:22:47	Dark	54.000	40	The Sco	1.8590	7100.0	108	42497	No
252	GOM_NL__2PRFIN20100416_222941_000000412088_00359_42497_4899.N1	16-APR-2010 22:29:41	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42497	No
253	GOM_NL__2PRFIN20100416_223117_000000432088_00359_42497_4900.N1	16-APR-2010 22:31:17	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42497	No
254	GOM_NL__2PRFIN20100416_223338_000000472088_00359_42497_4901.N1	16-APR-2010 22:33:38	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42497	No
255	GOM_NL__2PRFIN20100416_223818_000000442088_00359_42497_4902.N1	16-APR-2010 22:38:18	Twilight_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42497	No
256	GOM_NL__2PRFIN20100416_224155_000000462088_00359_42497_4903.N1	16-APR-2010 22:41:55	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	42497	No
257	GOM_NL__2PRFIN20100416_224457_000000392088_00359_42497_4904.N1	16-APR-2010 22:44:57	Bright	39.000	121	29Gam Vir	2.7400	7200.0	78	42497	No
258	GOM_NL__2PRFIN20100416_224842_000000382088_00359_42497_4905.N1	16-APR-2010 22:48:42	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42497	No
259	GOM_NL__2PRFIN20100416_225200_000000482088_00359_42497_4906.N1	16-APR-2010 22:52:00	Bright	48.000	111	8Eta Boo	2.6800	6000.0	96	42497	No
260	GOM_NL__2PRFIN20100416_225647_000000392088_00359_42497_4907.N1	16-APR-2010 22:56:47	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42497	No
261	GOM_NL__2PRFIN20100416_230103_000000432088_00359_42497_4908.N1	16-APR-2010 23:01:03	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	42497	No
262	GOM_NL__2PRFIN20100416_230810_000000402088_00359_42497_4909.N1	16-APR-2010 23:08:10	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42497	No
263	GOM_NL__2PRFIN20100416_231818_000000422088_00359_42497_4910.N1	16-APR-2010 23:18:18	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42497	No
264	GOM_NL__2PRFIN20100416_232819_000000542088_00359_42497_4911.N1	16-APR-2010 23:28:19	Bright	54.000	164	44Eta Peg	2.9480	5400.0	108	42497	No
265	GOM_NL__2PRFIN20100416_233528_000000502088_00359_42497_4912.N1	16-APR-2010 23:35:28	Dark	50.000	61	8Eps Peg	2.1000	3900.0	100	42497	No
266	GOM_NL__2PRFIN20100416_233756_000000462088_00359_42497_4913.N1	16-APR-2010 23:37:56	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42497	No
267	GOM_NL__2PRFIN20100416_234038_000000512088_00359_42497_4914.N1	16-APR-2010 23:40:38	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42497	No
268	GOM_NL__2PRFIN20100416_234300_000000442088_00359_42497_4915.N1	16-APR-2010 23:43:00	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42497	No

3. Quality information per product

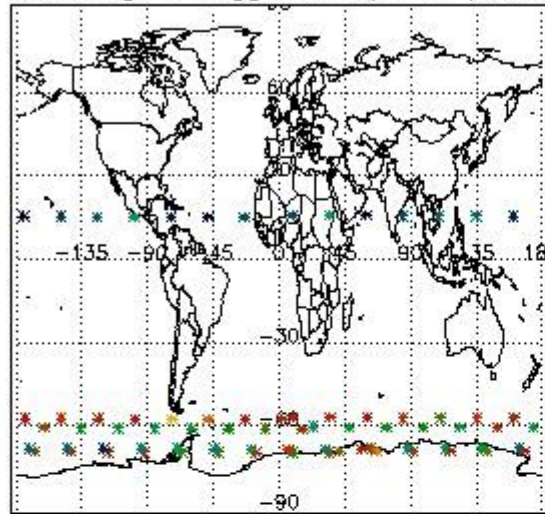
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

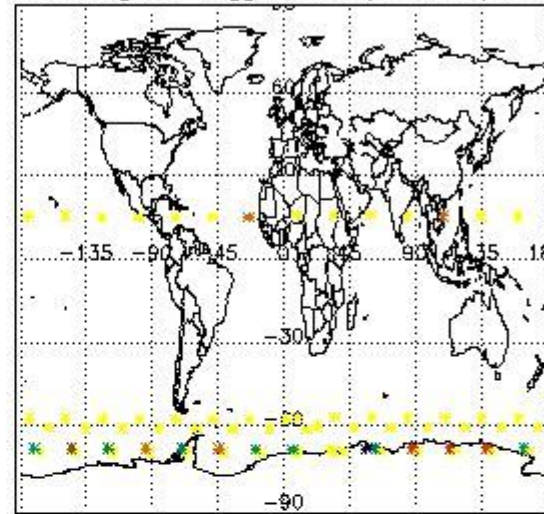


3.2 Plot quality information per product (world map)

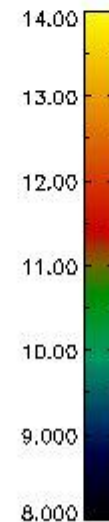
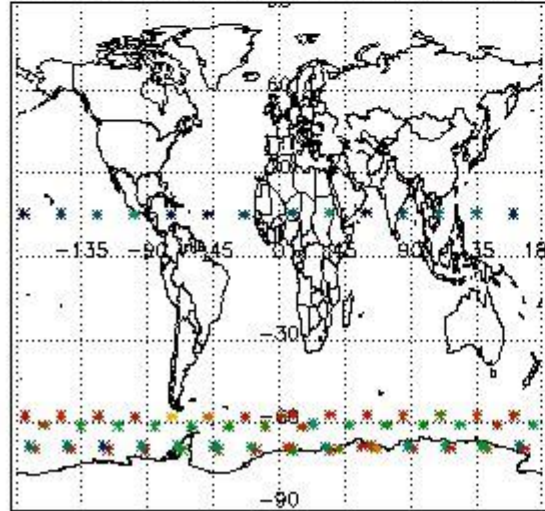
Percentage of flagged data per O3 profile



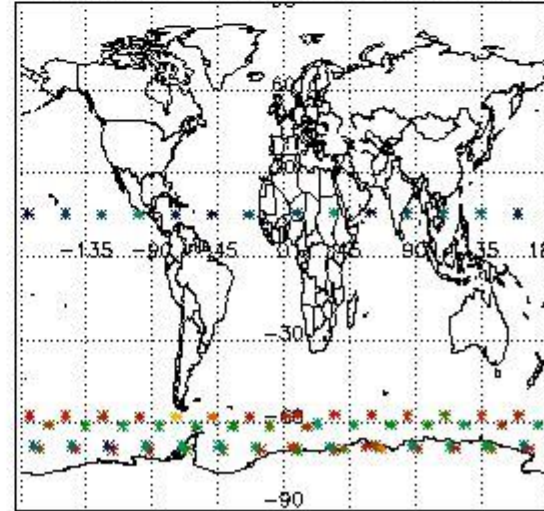
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

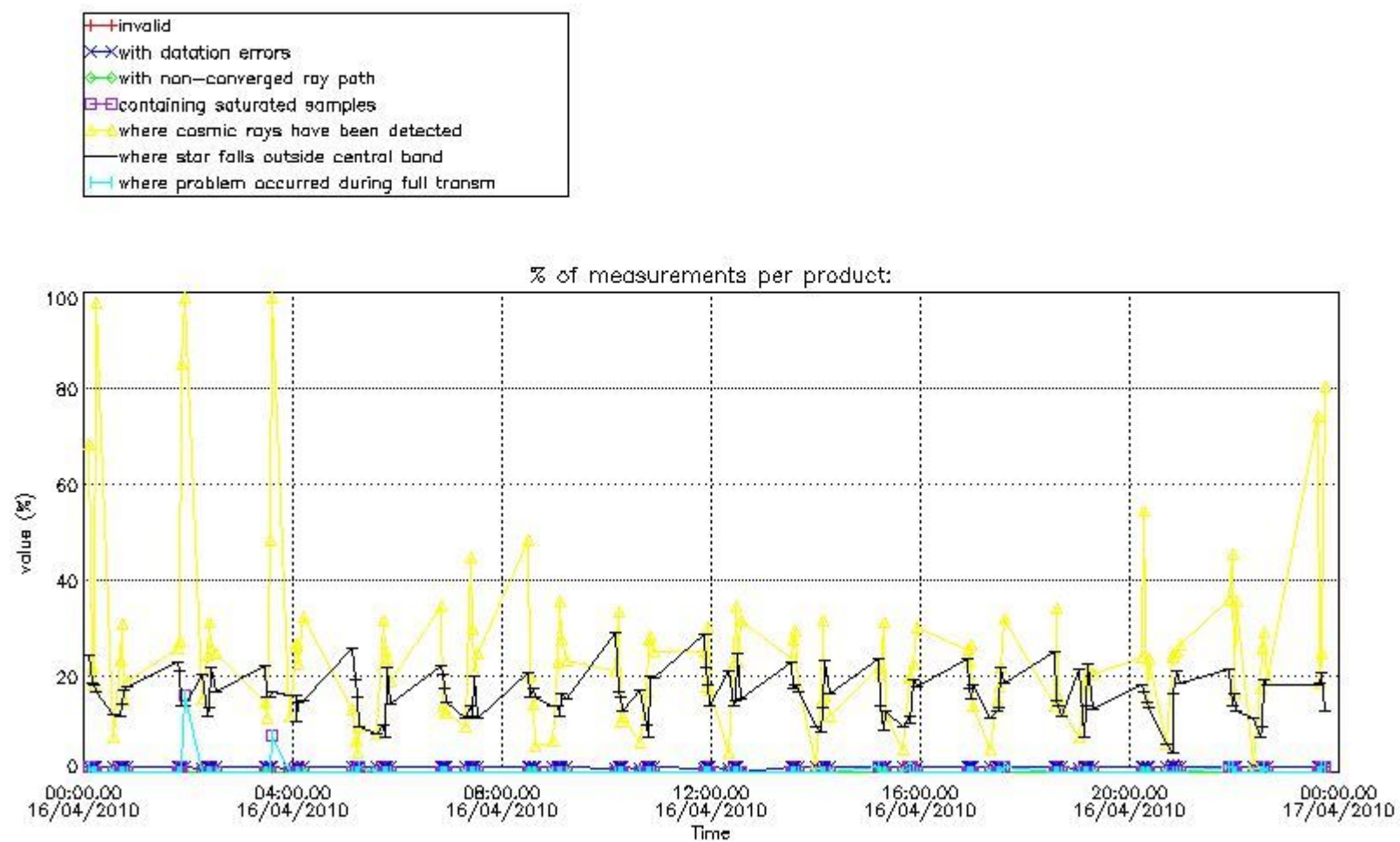


4. Level 1 quality information per product

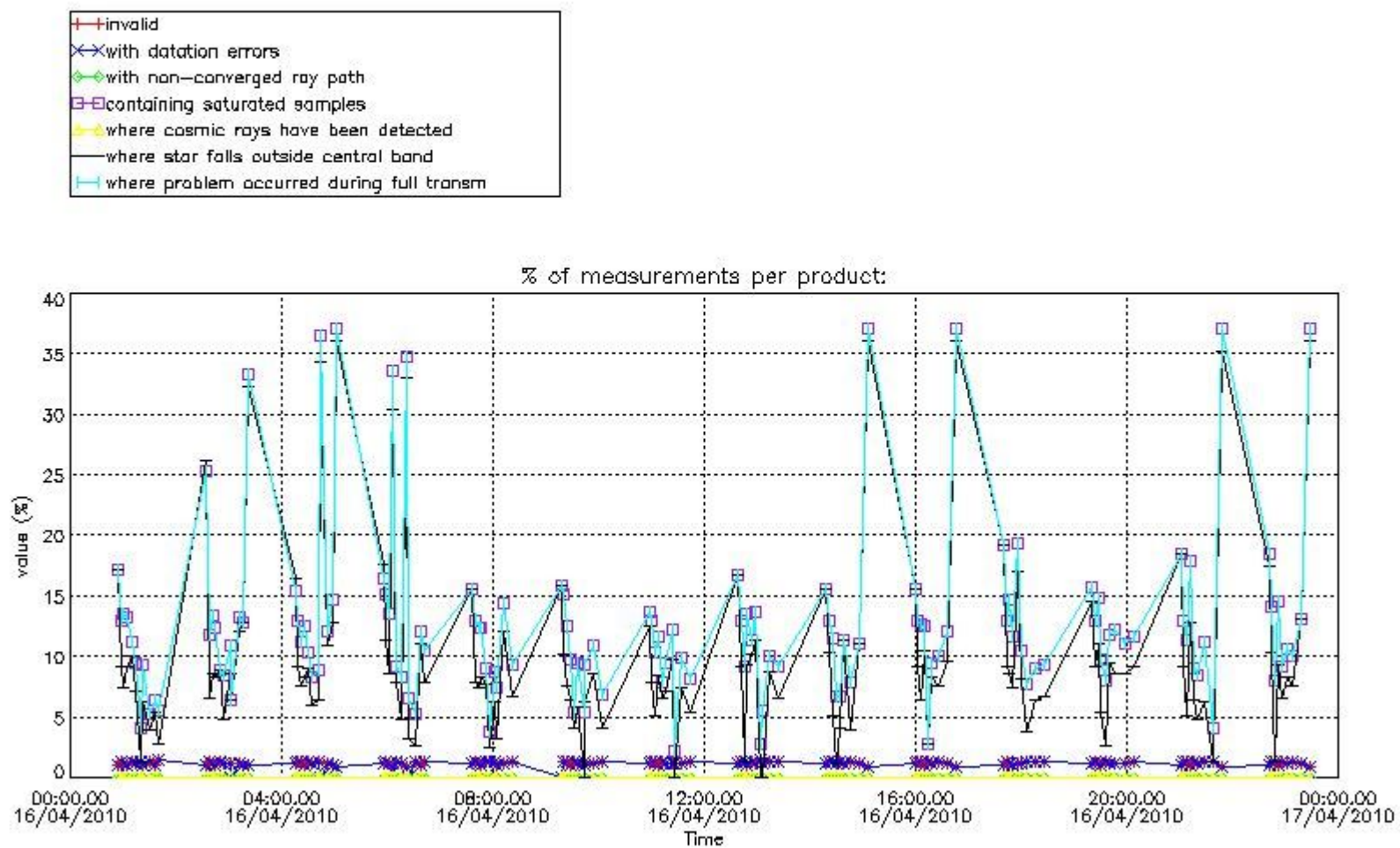
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

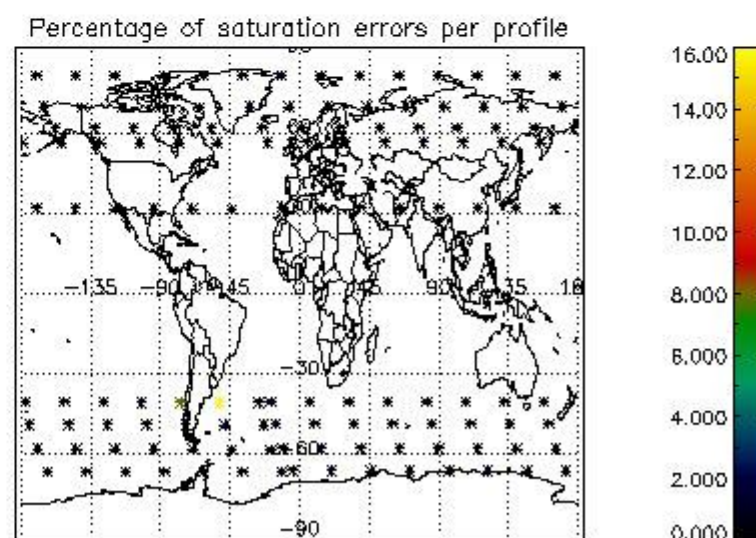
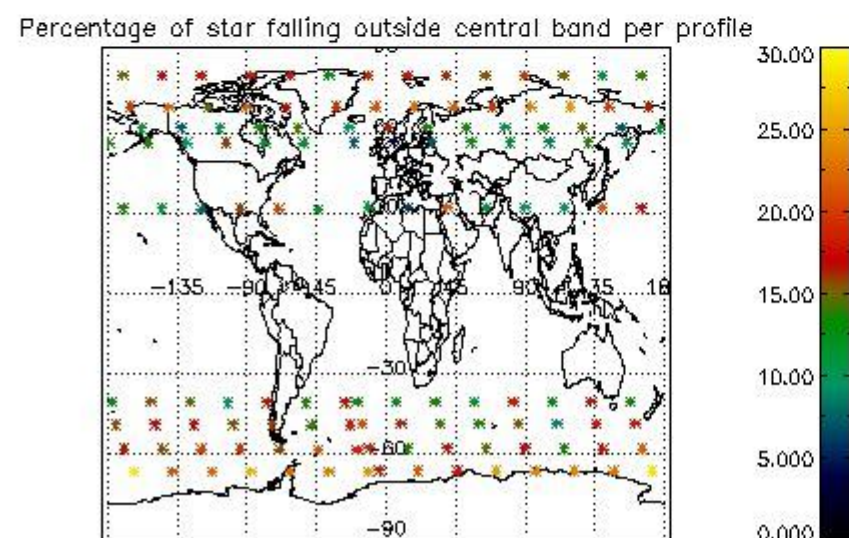
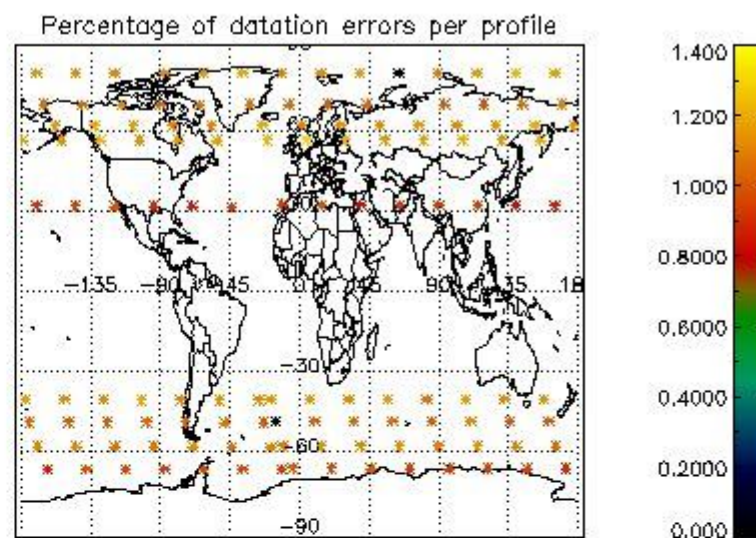
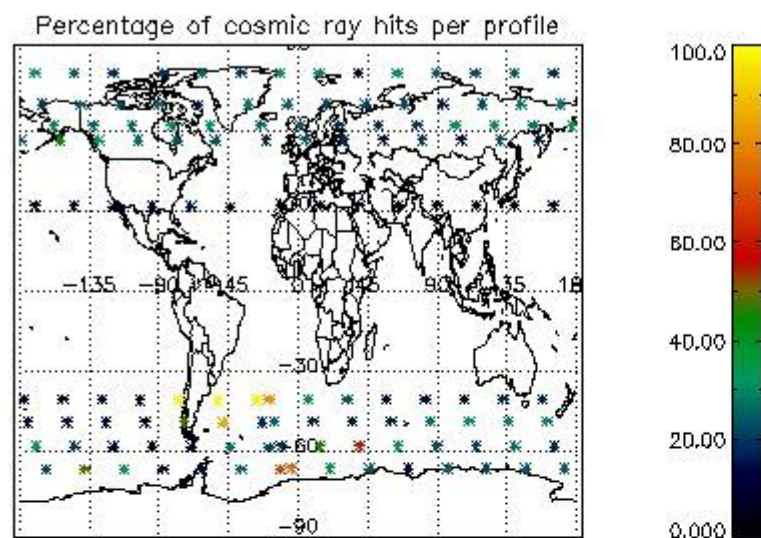


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

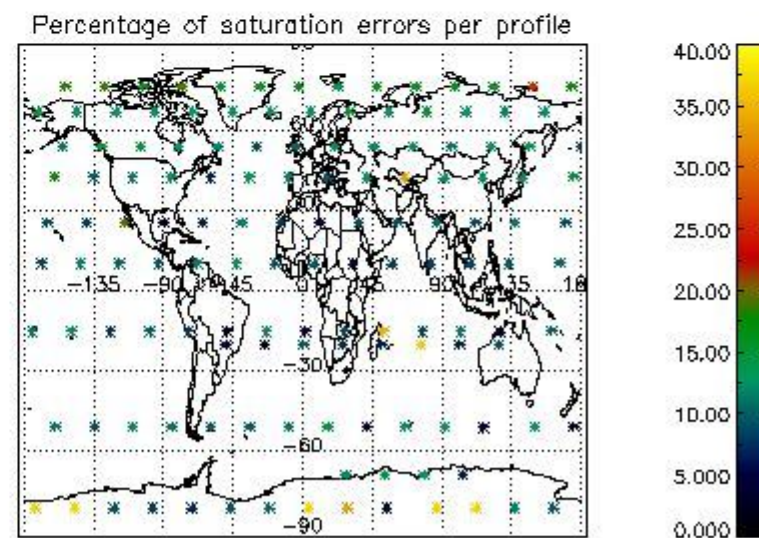
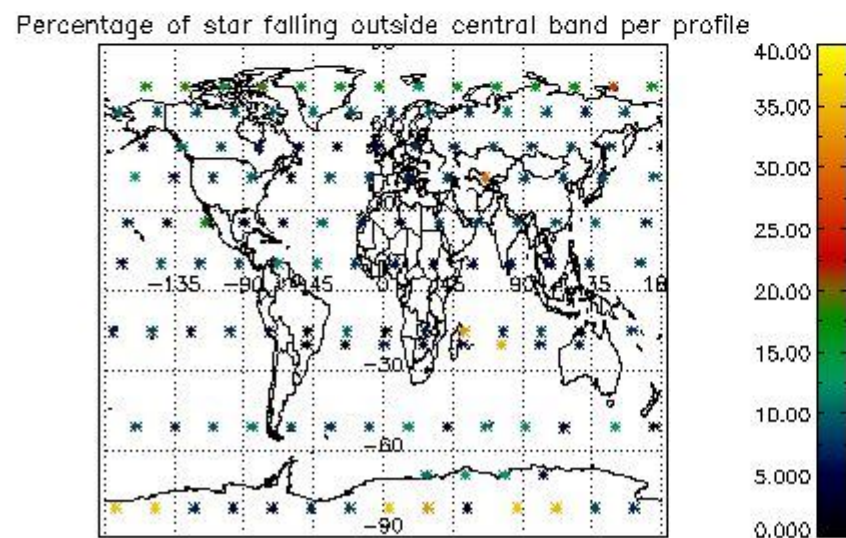
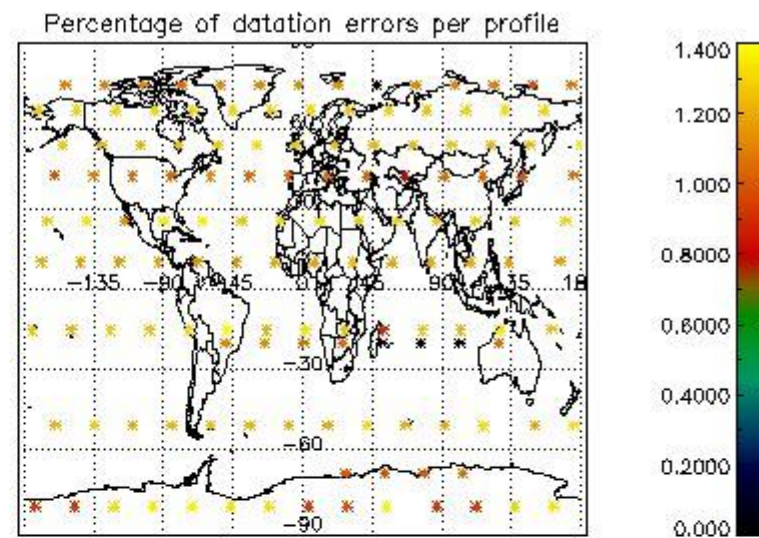
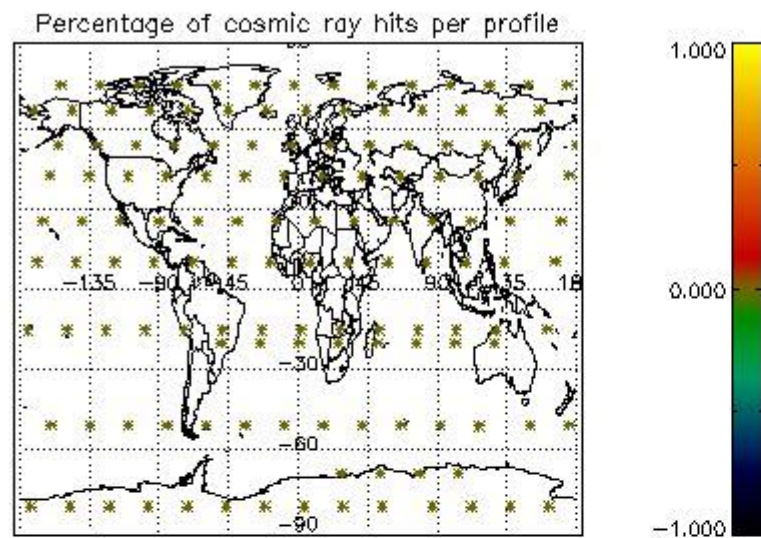


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

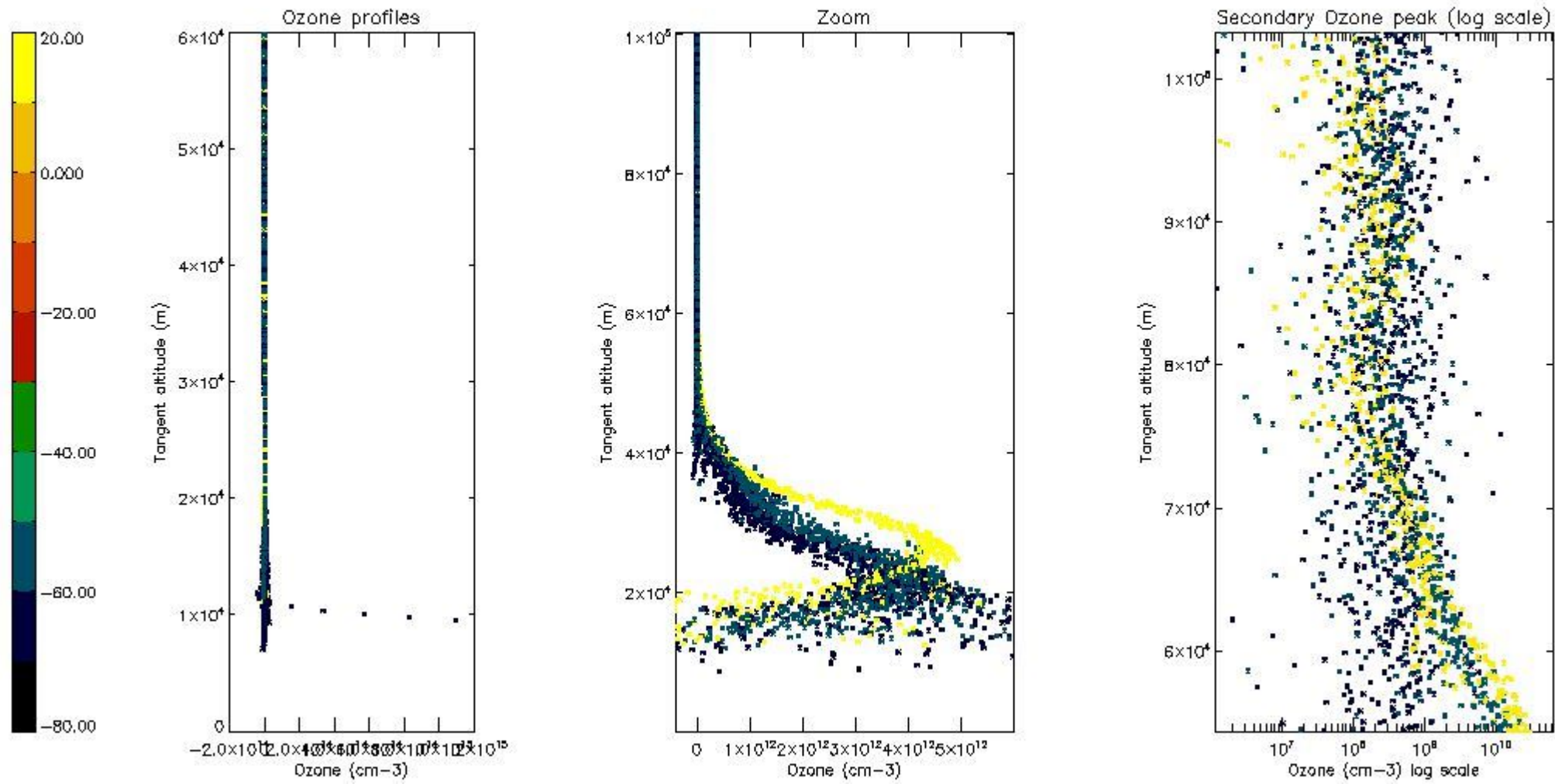
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	9

STD < 10	4
STD < 5	1

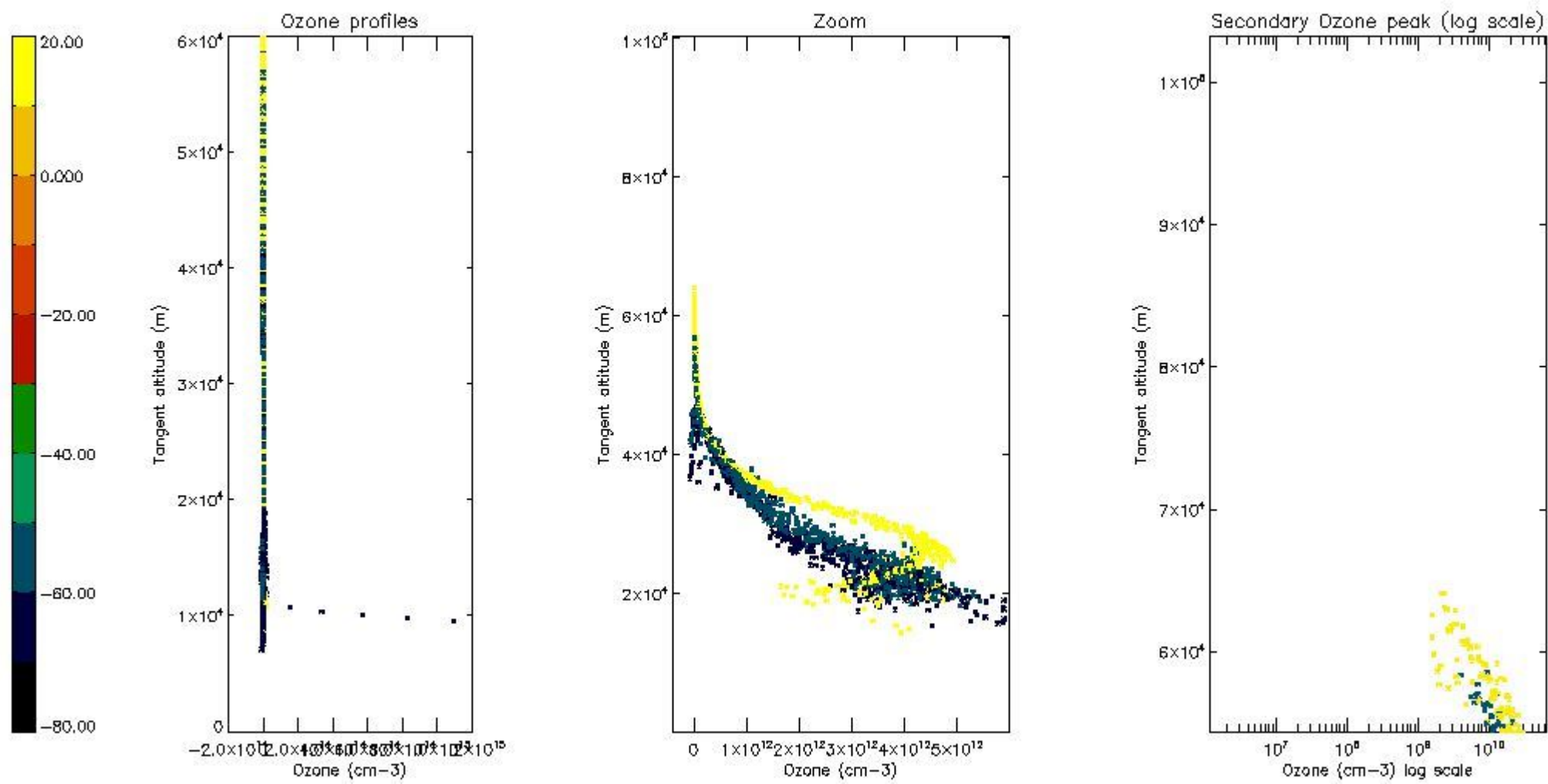
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



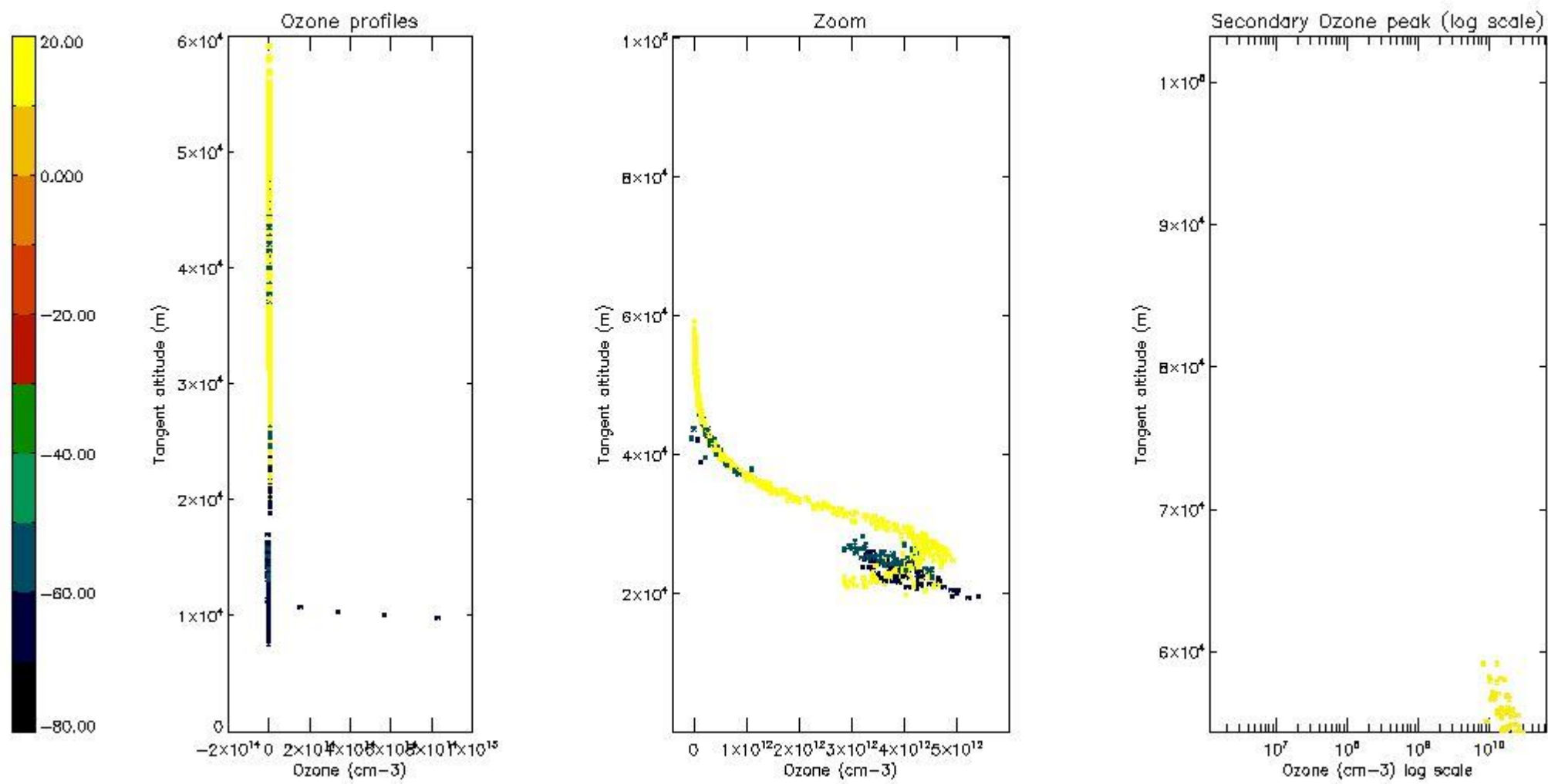
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



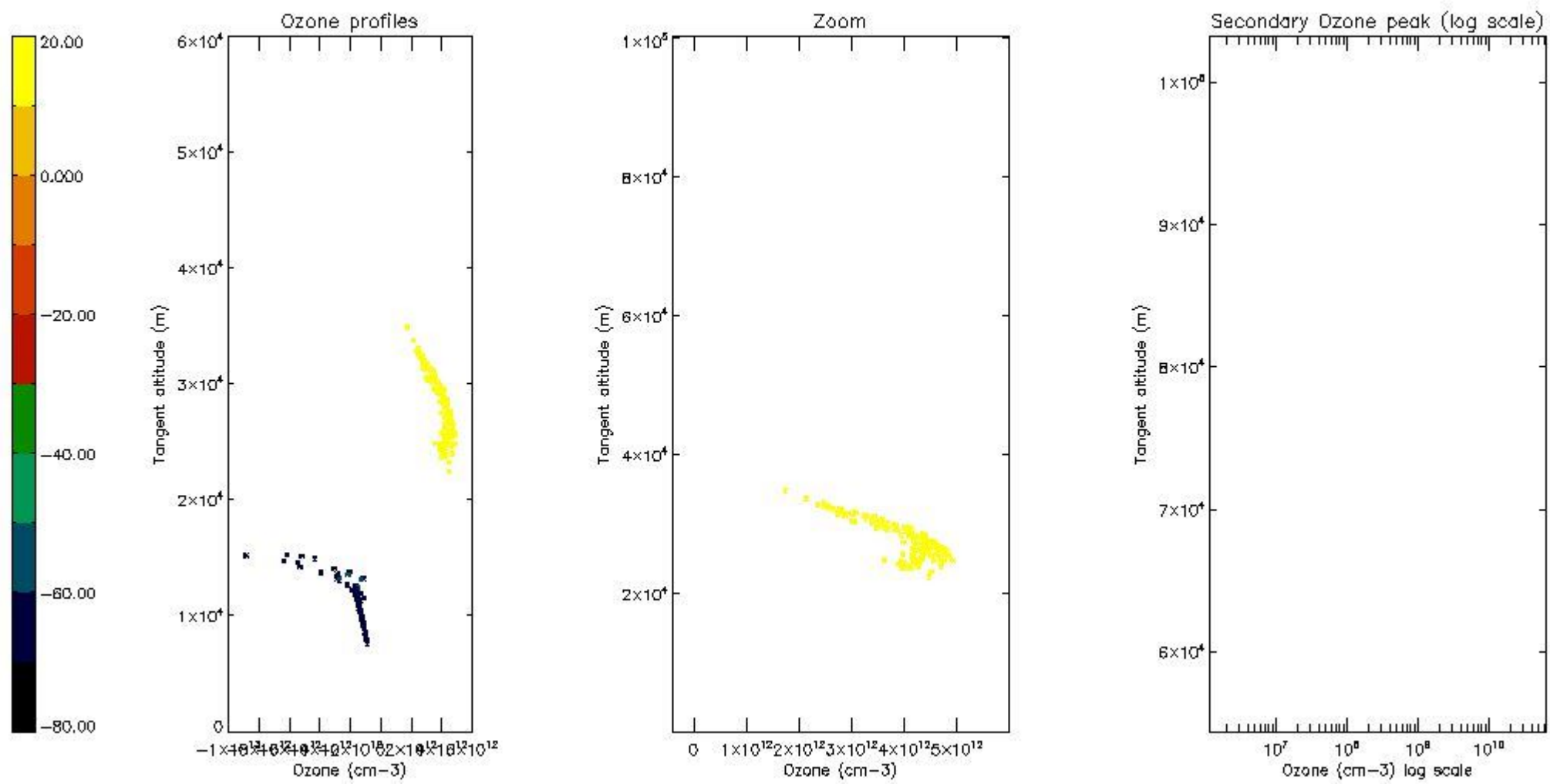
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



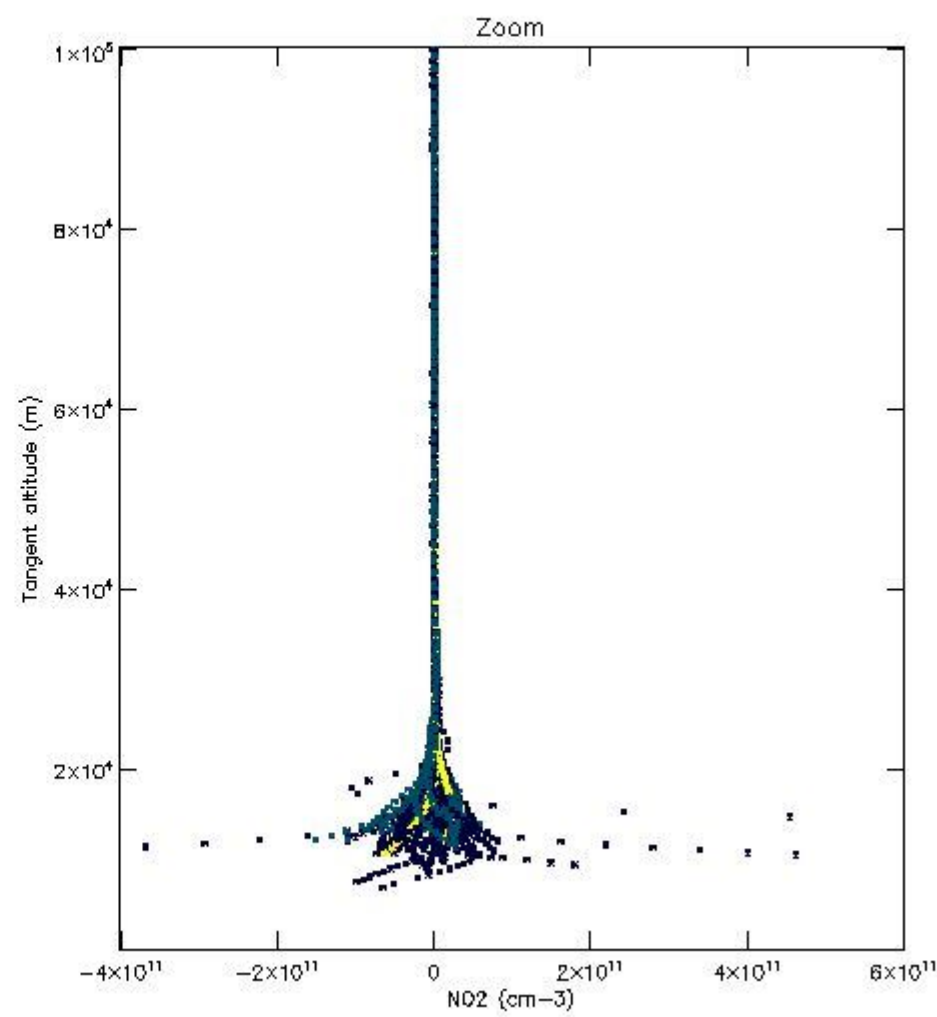
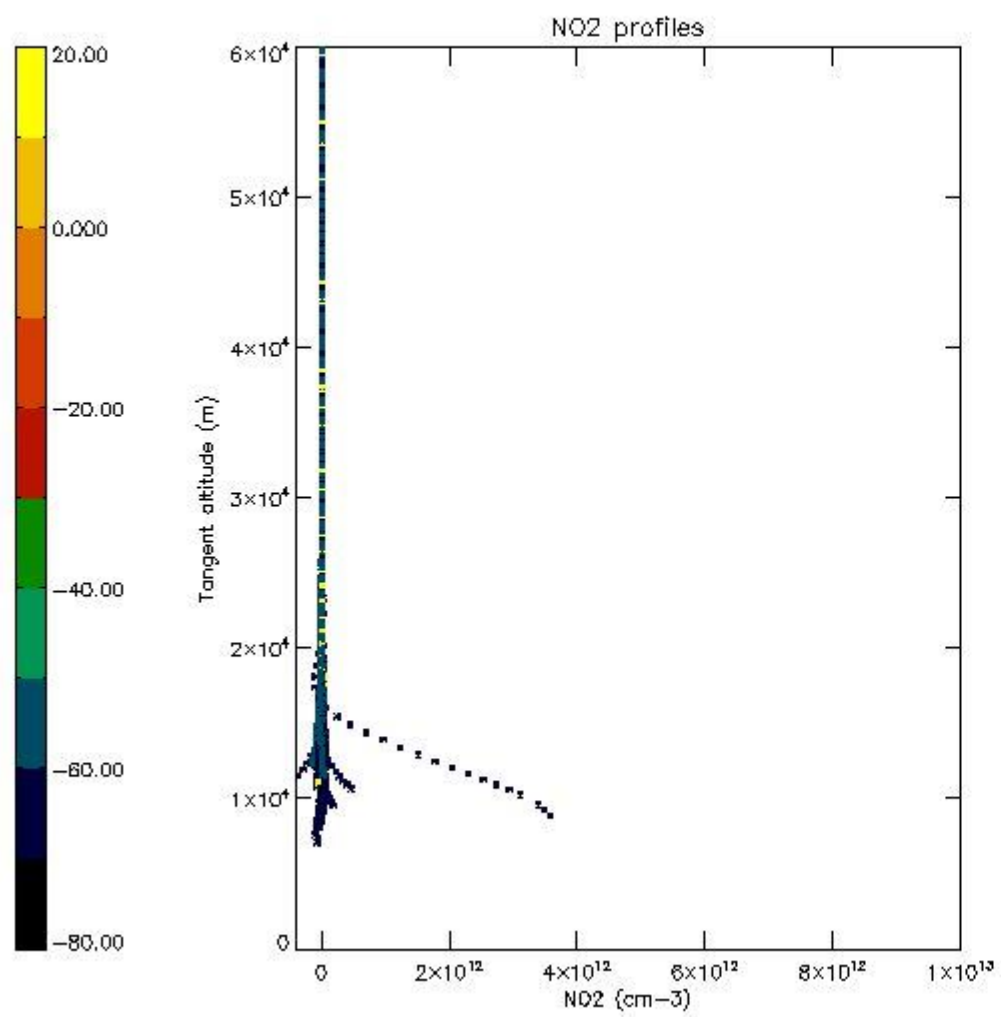
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



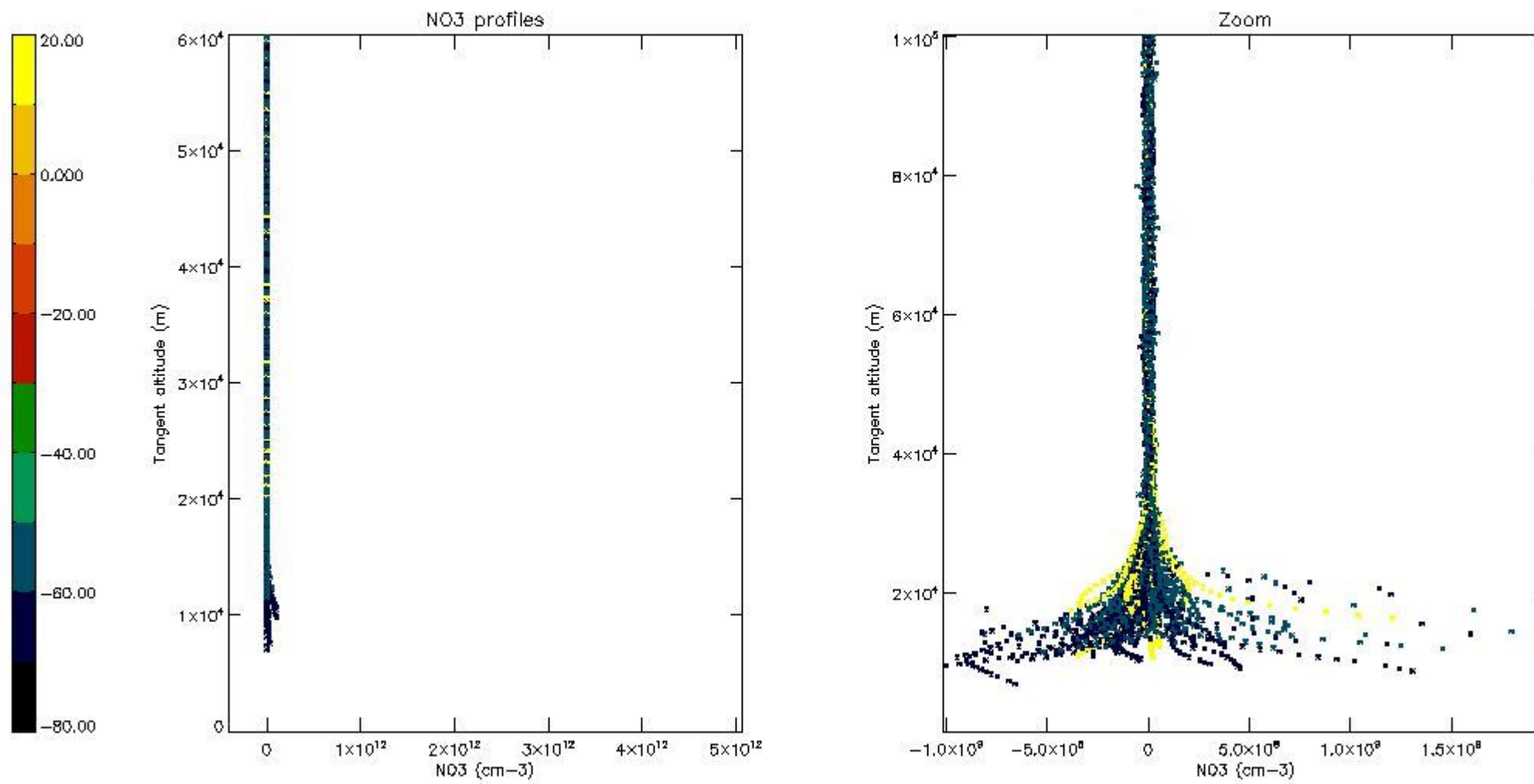
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

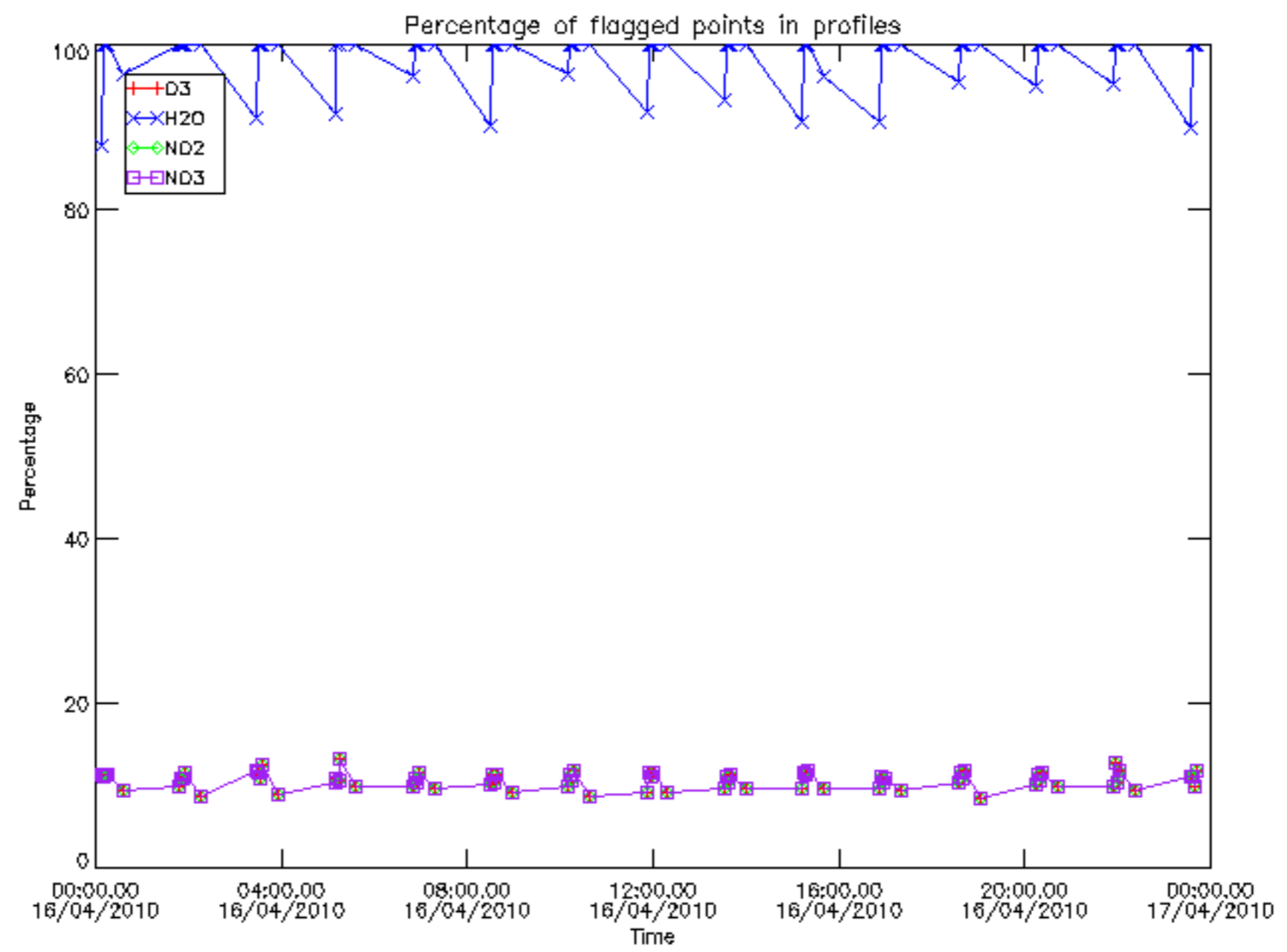
The colorbar represents the latitude.



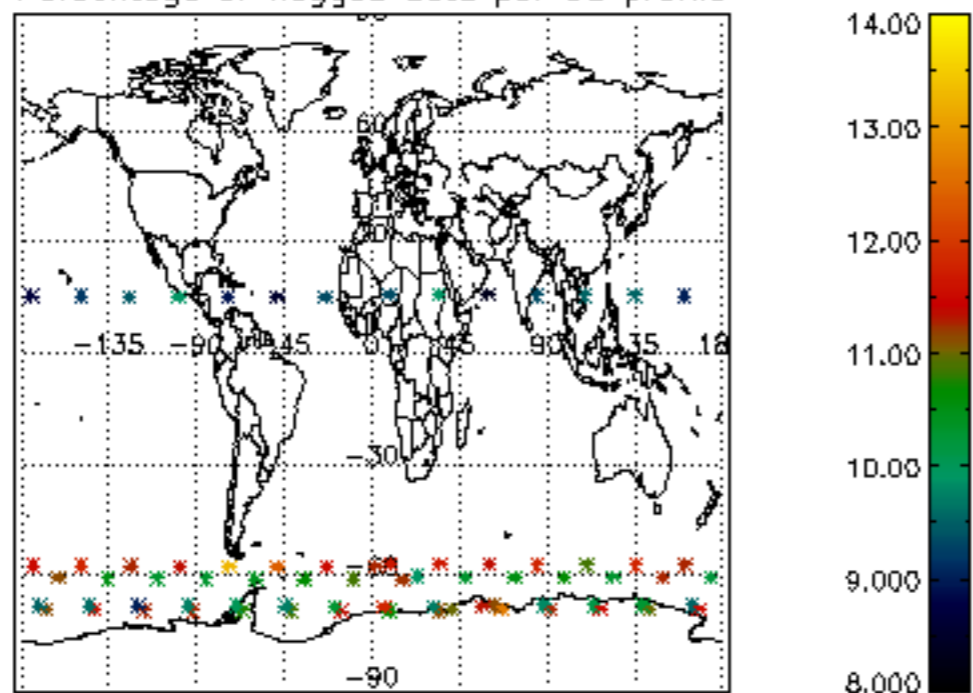
6. Auxiliary Data Files used for the production reported in section 2

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.

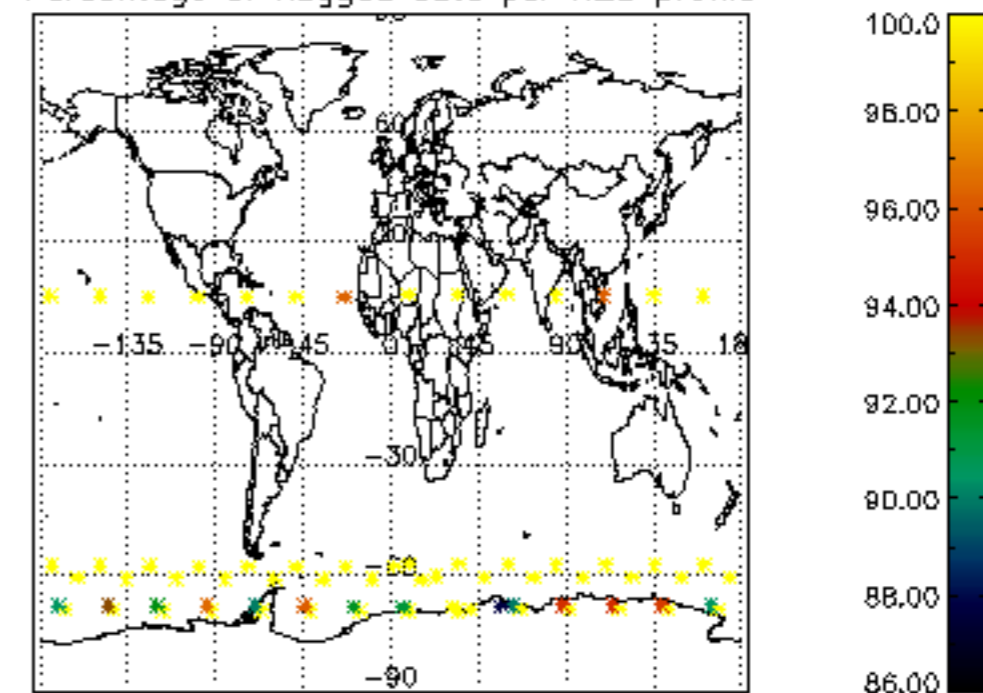
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	16-APR-2010 00:06:59
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-APR-2010 00:06:59
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-APR-2010 00:06:59



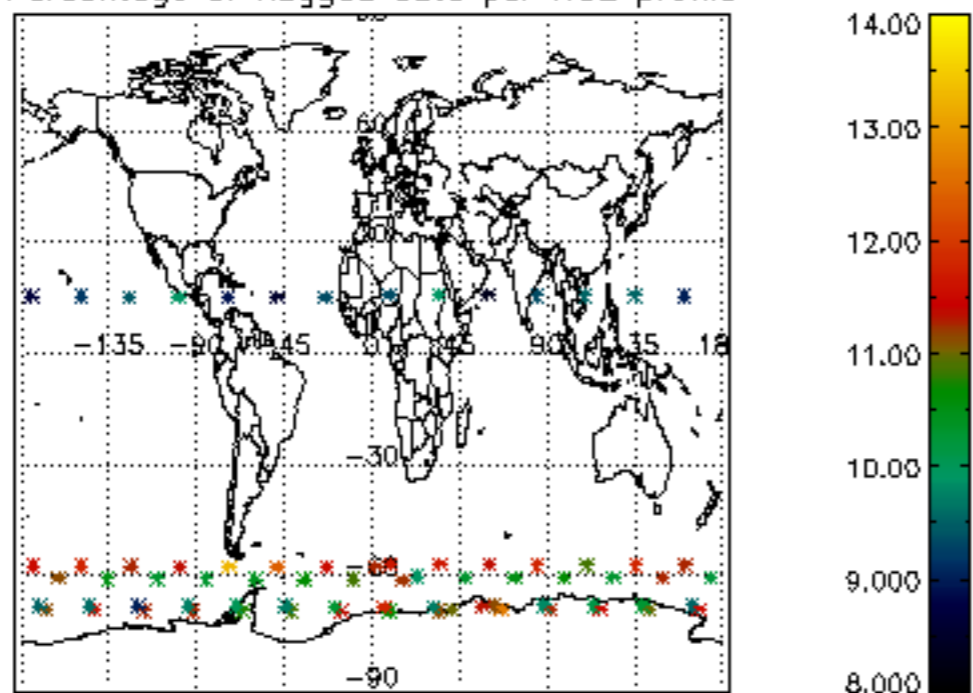
Percentage of flagged data per D3 profile



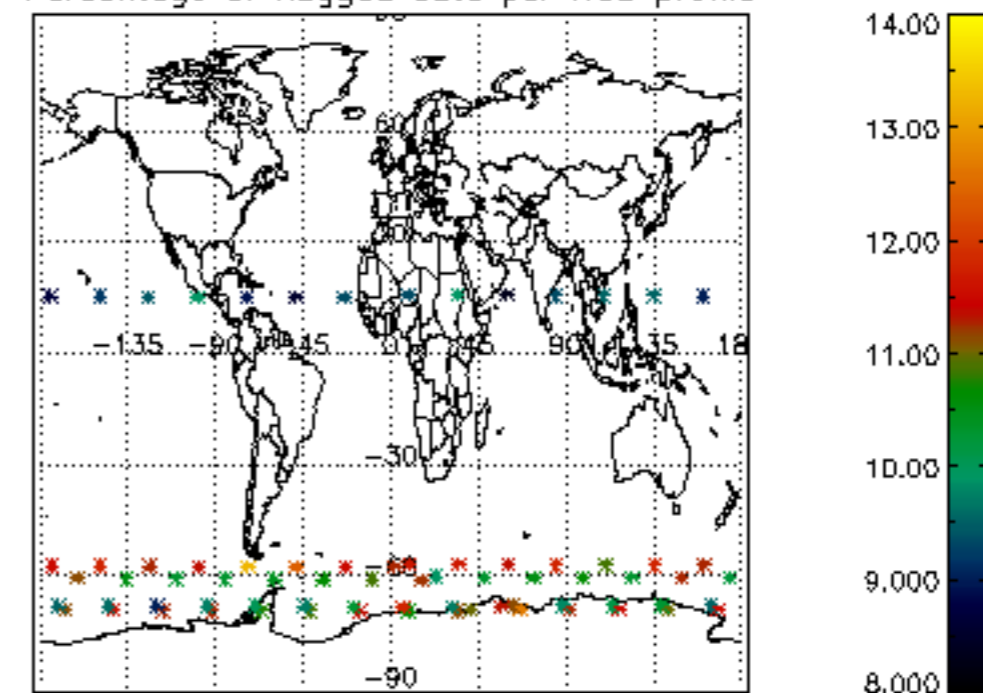
Percentage of flagged data per H2O profile

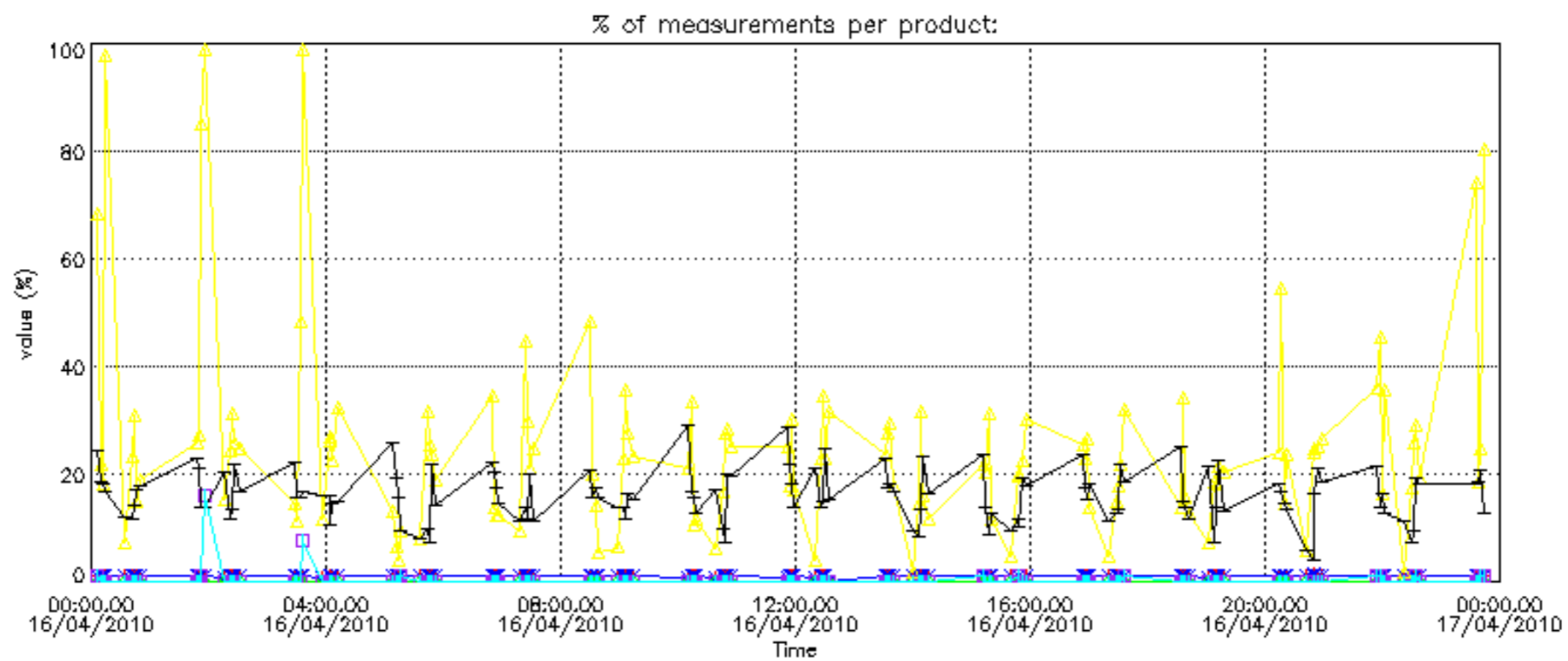


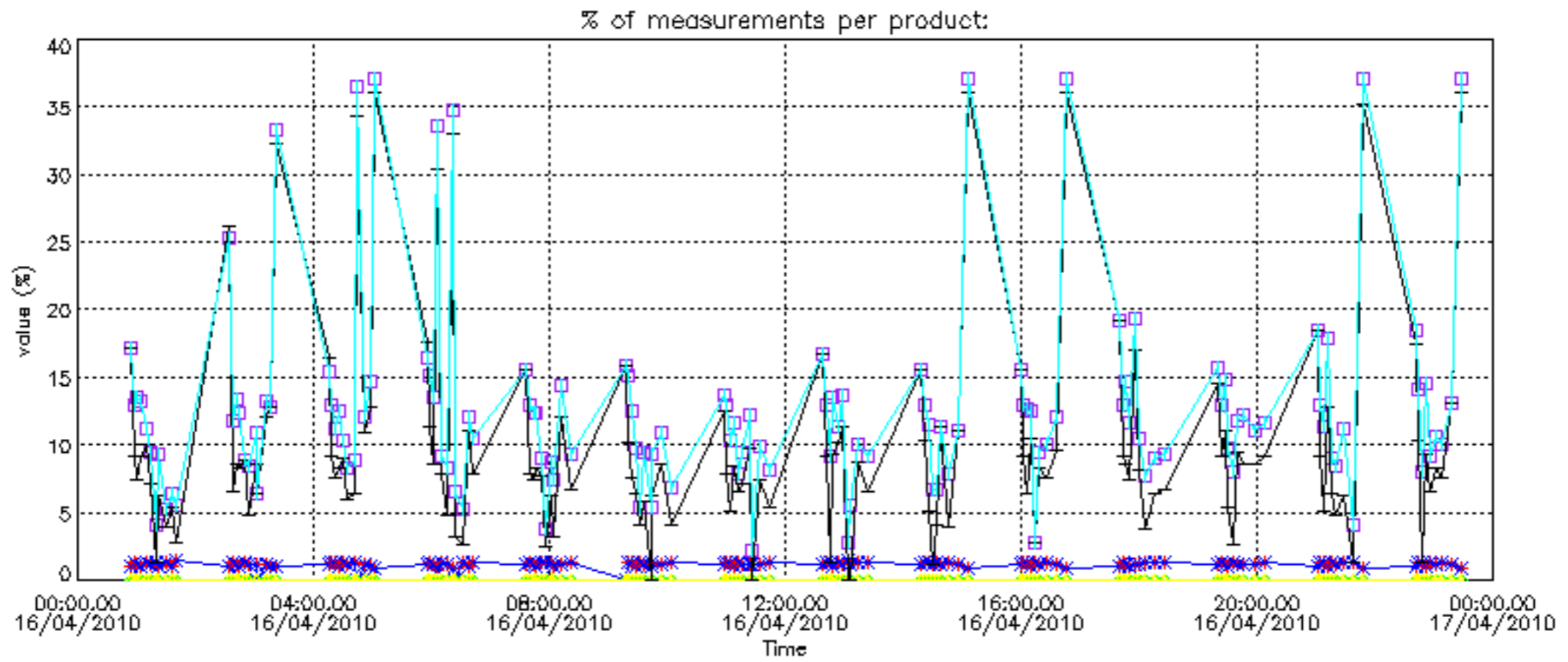
Percentage of flagged data per NO2 profile



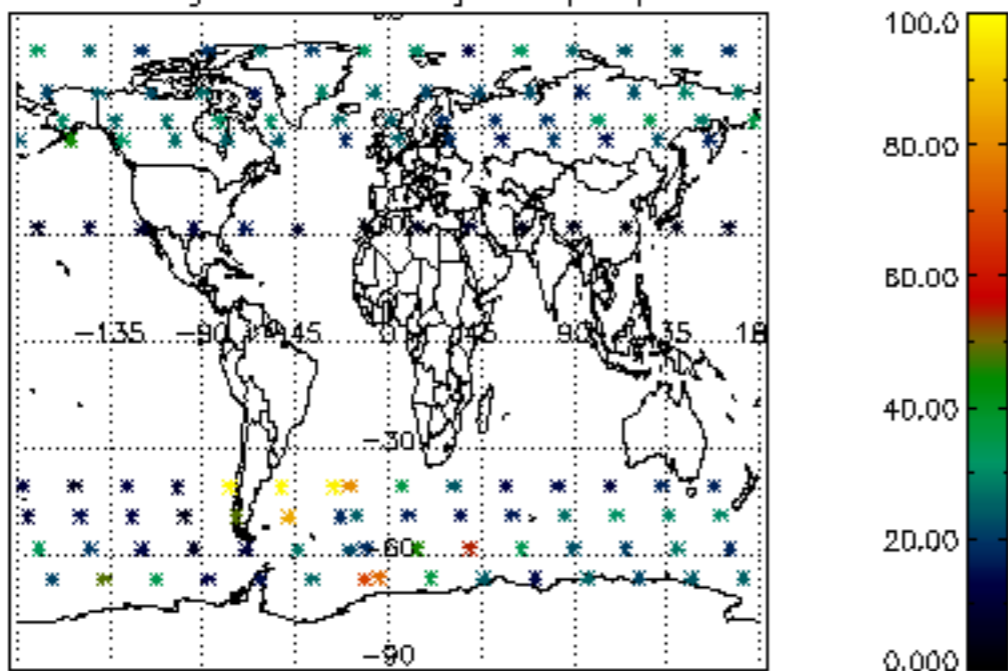
Percentage of flagged data per NO3 profile



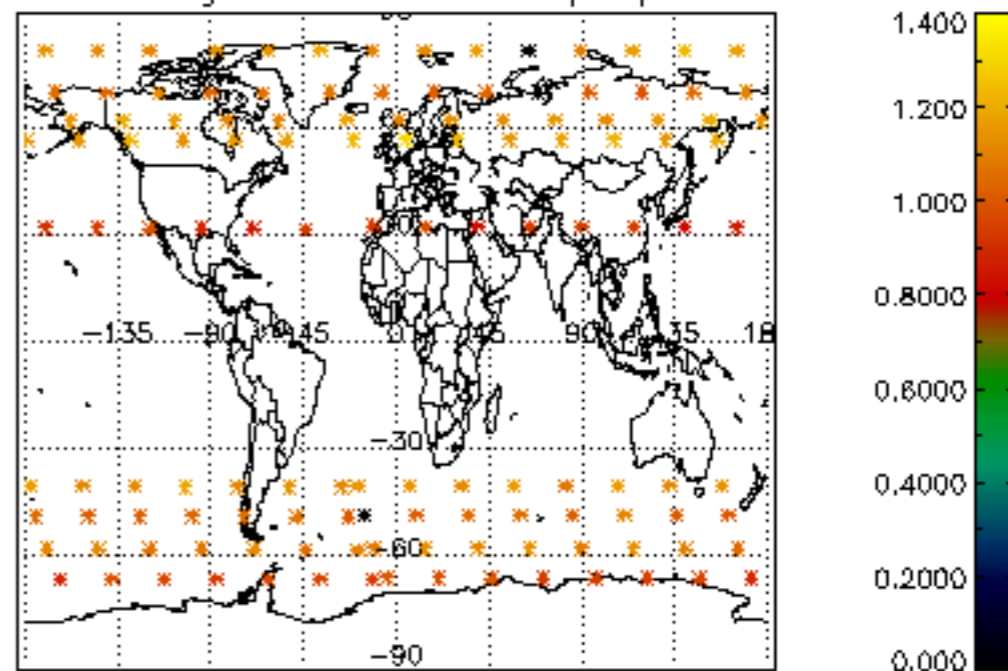




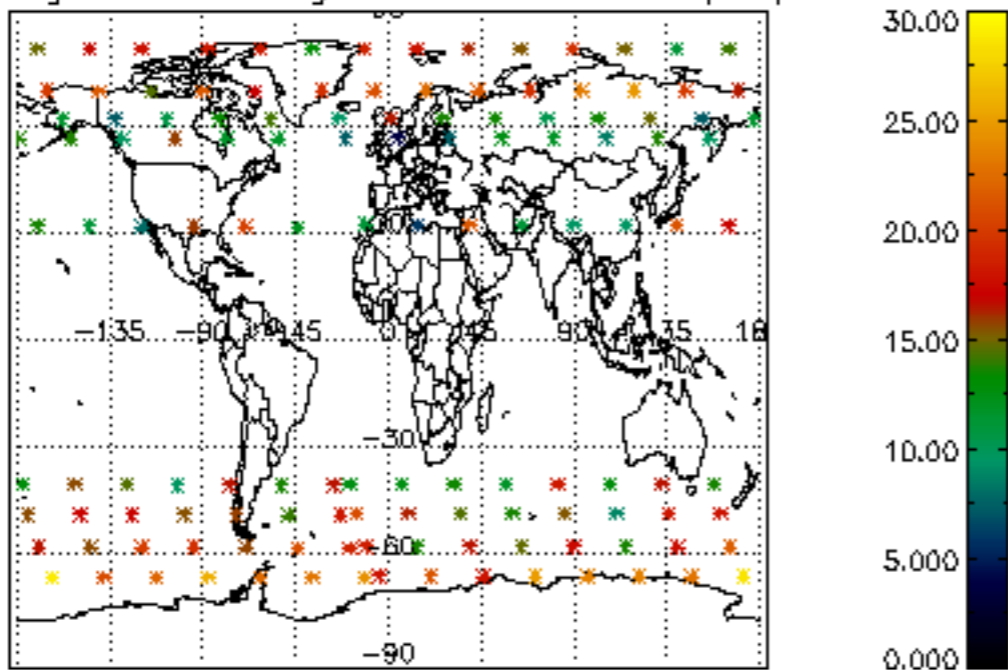
Percentage of cosmic ray hits per profile



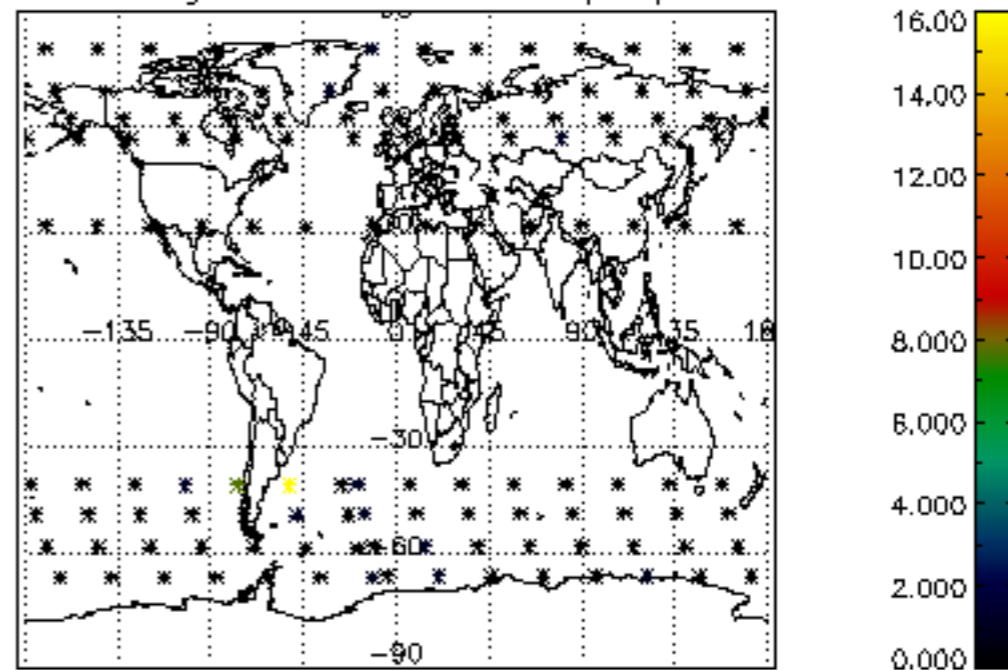
Percentage of datation errors per profile



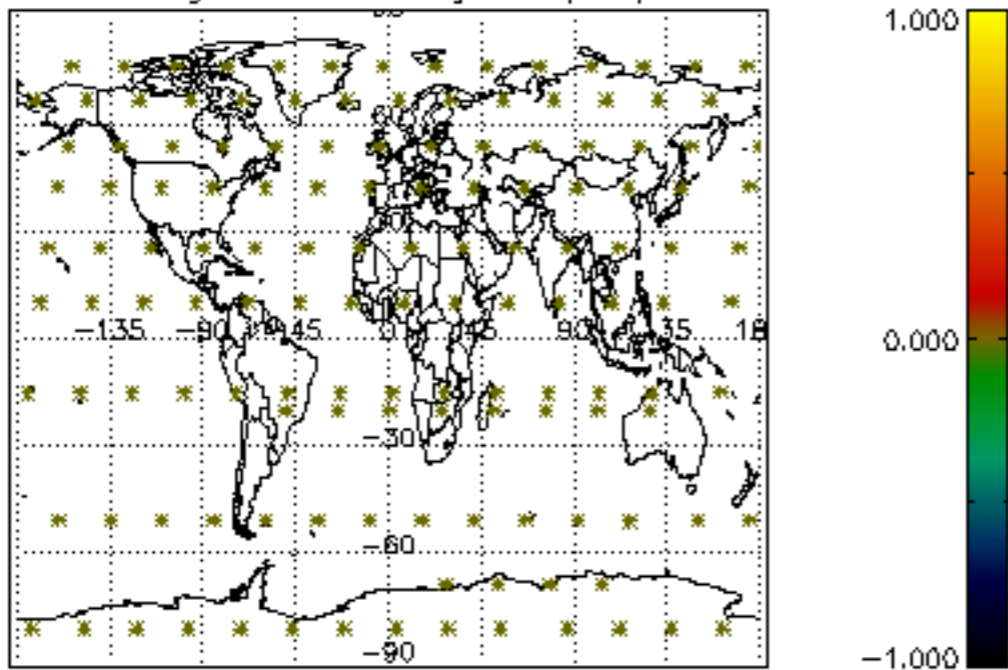
Percentage of star falling outside central band per profile



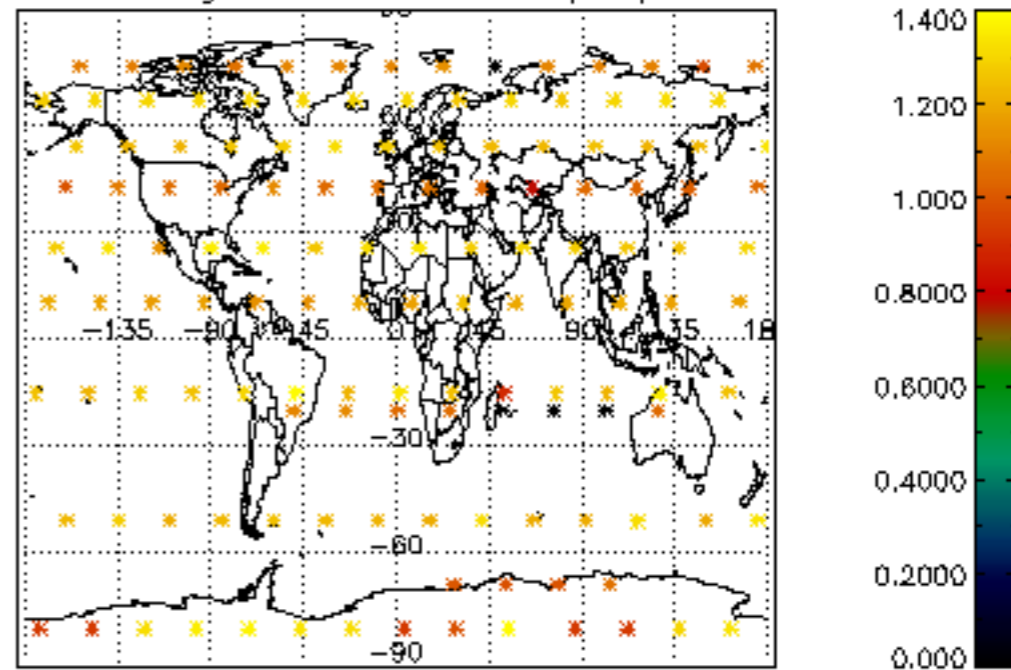
Percentage of saturation errors per profile



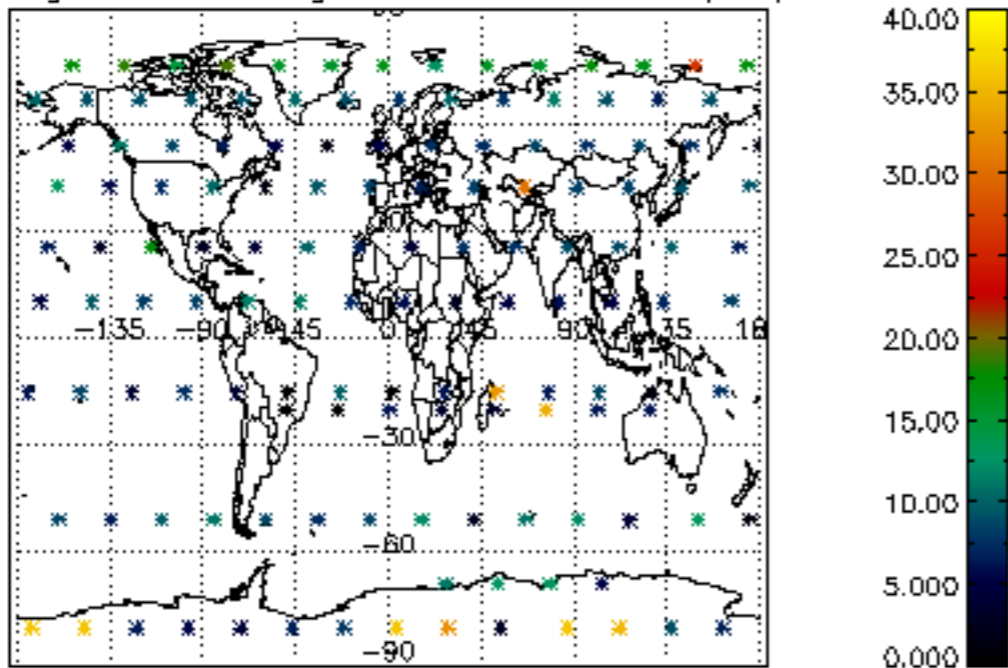
Percentage of cosmic ray hits per profile



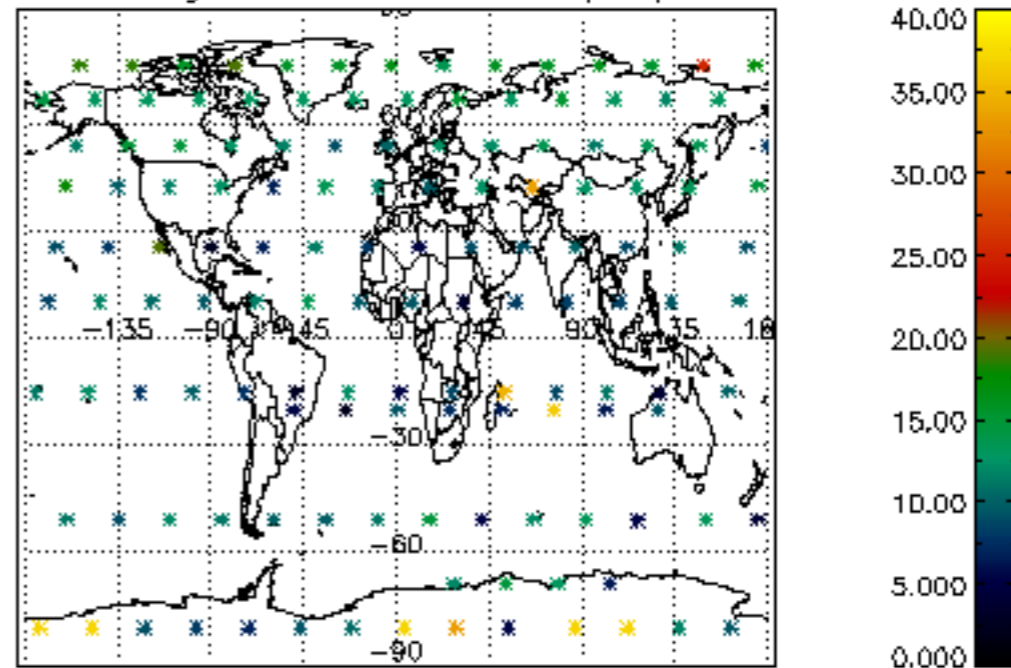
Percentage of datation errors per profile

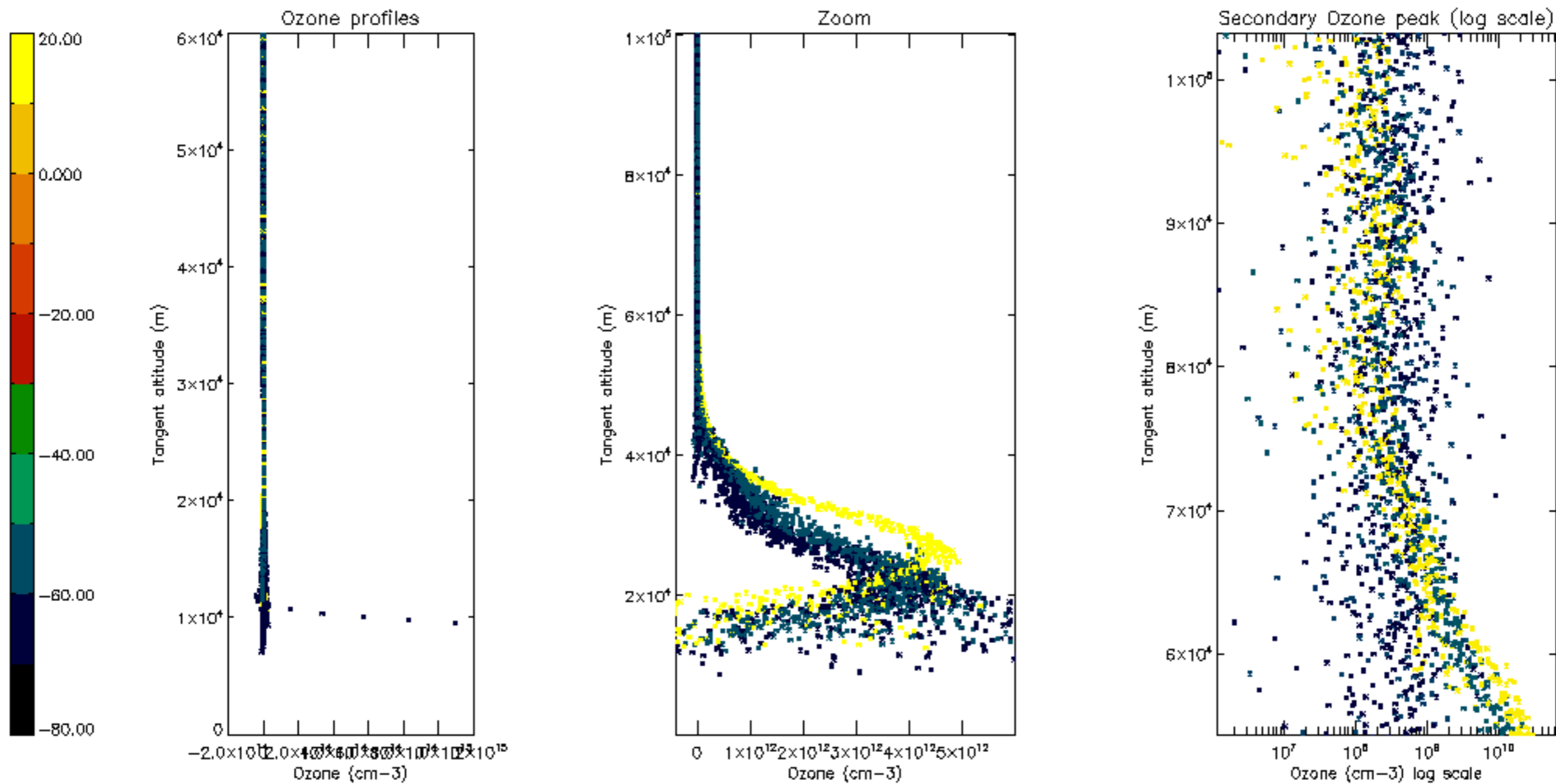


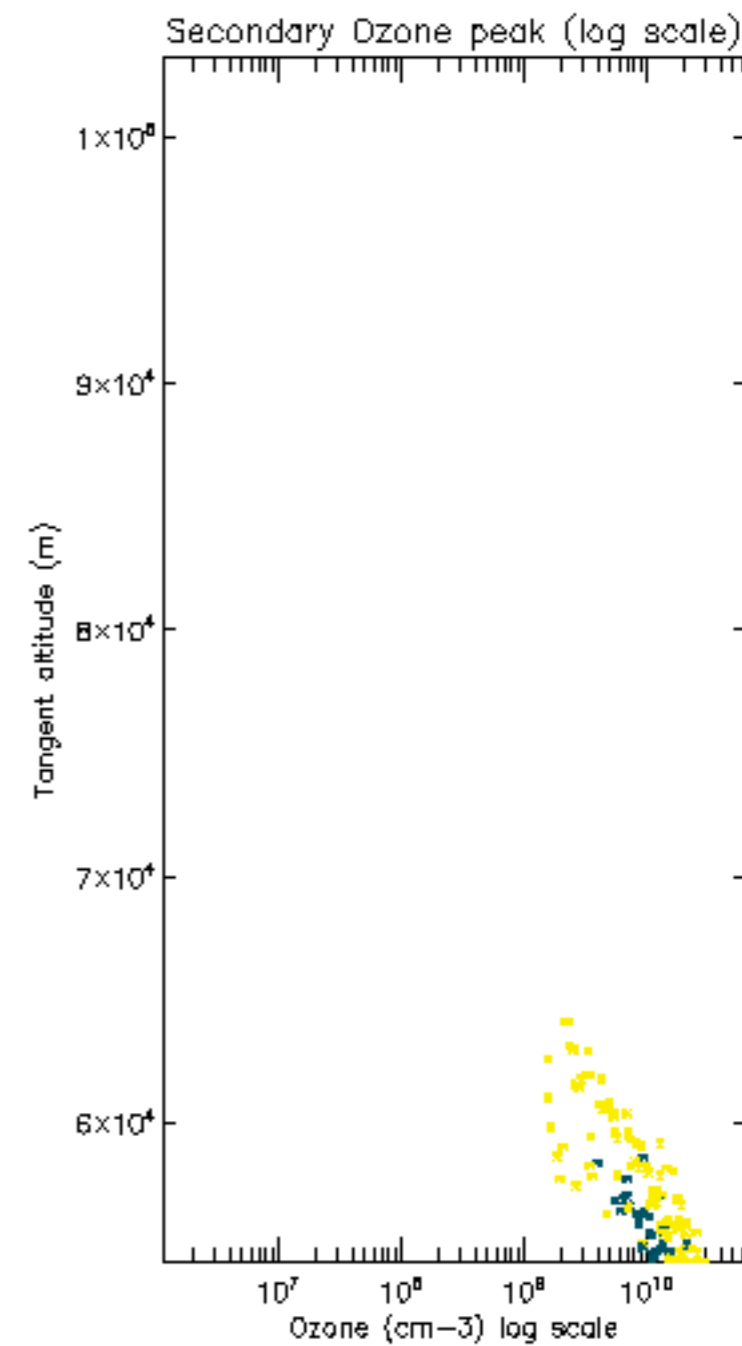
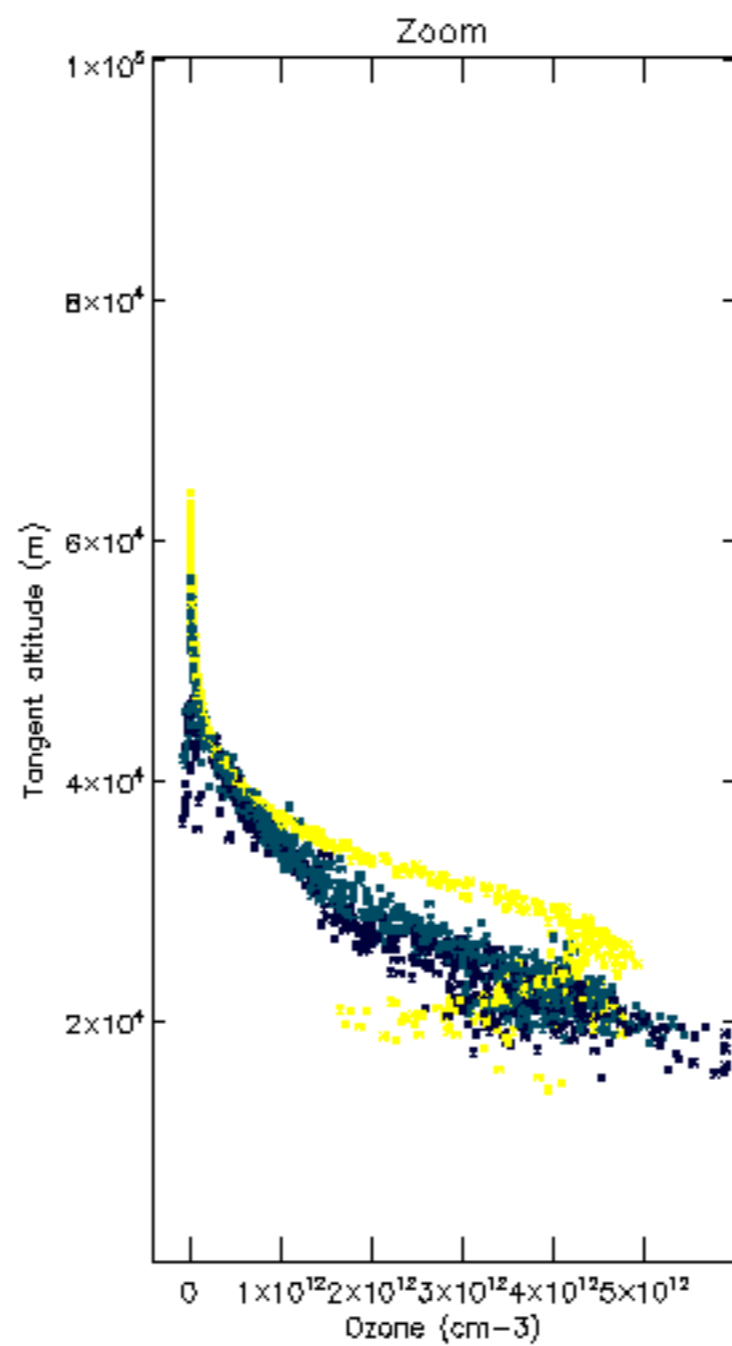
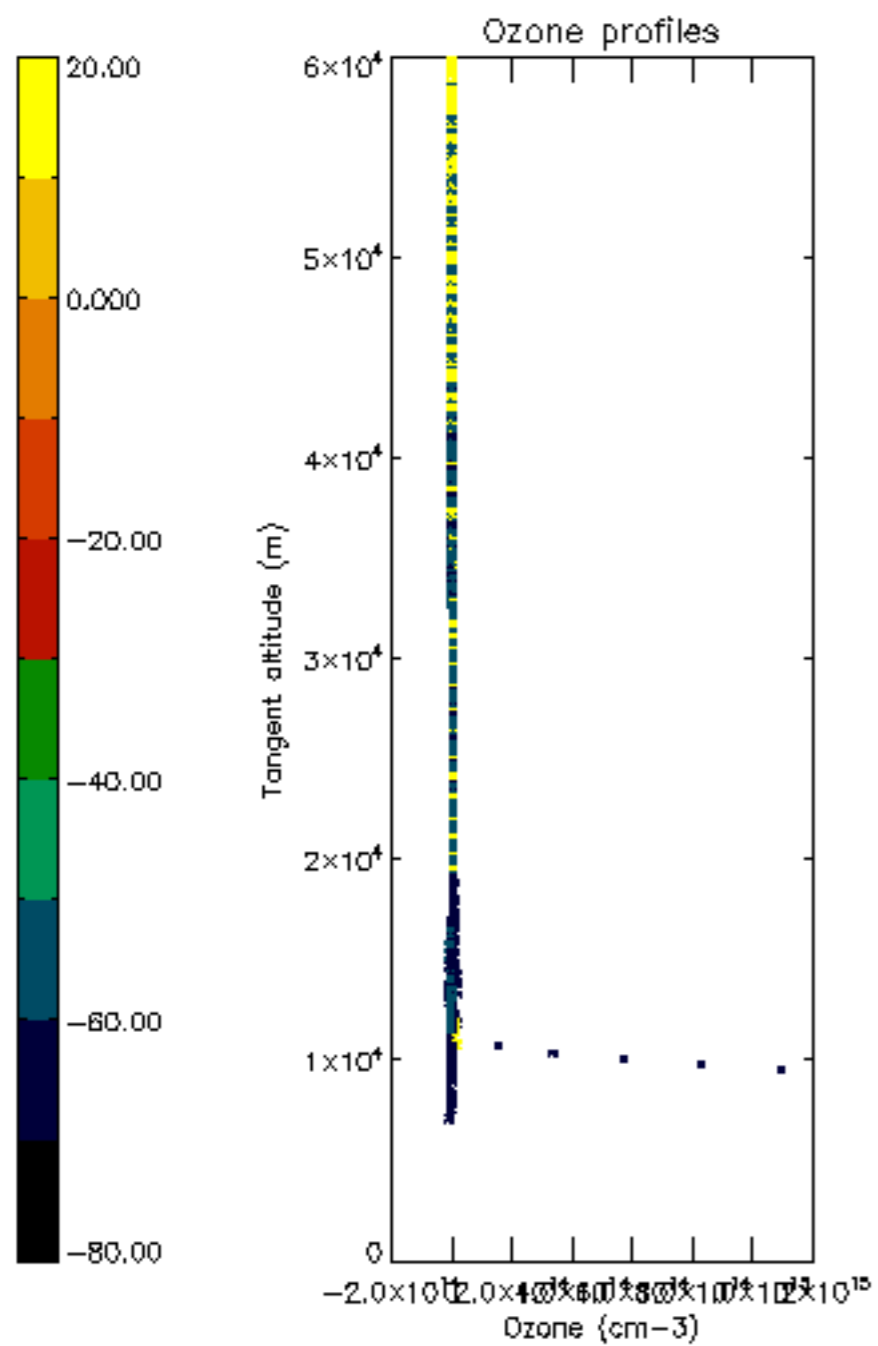
Percentage of star falling outside central band per profile

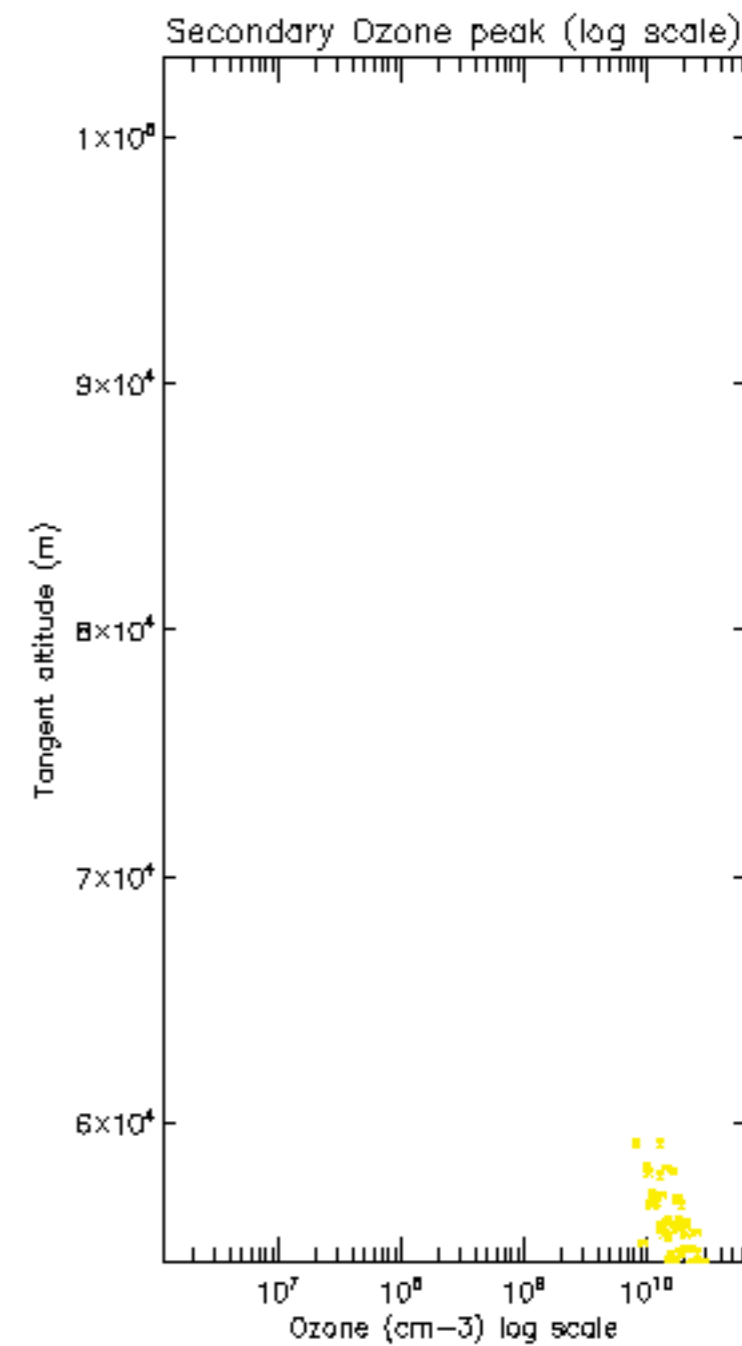
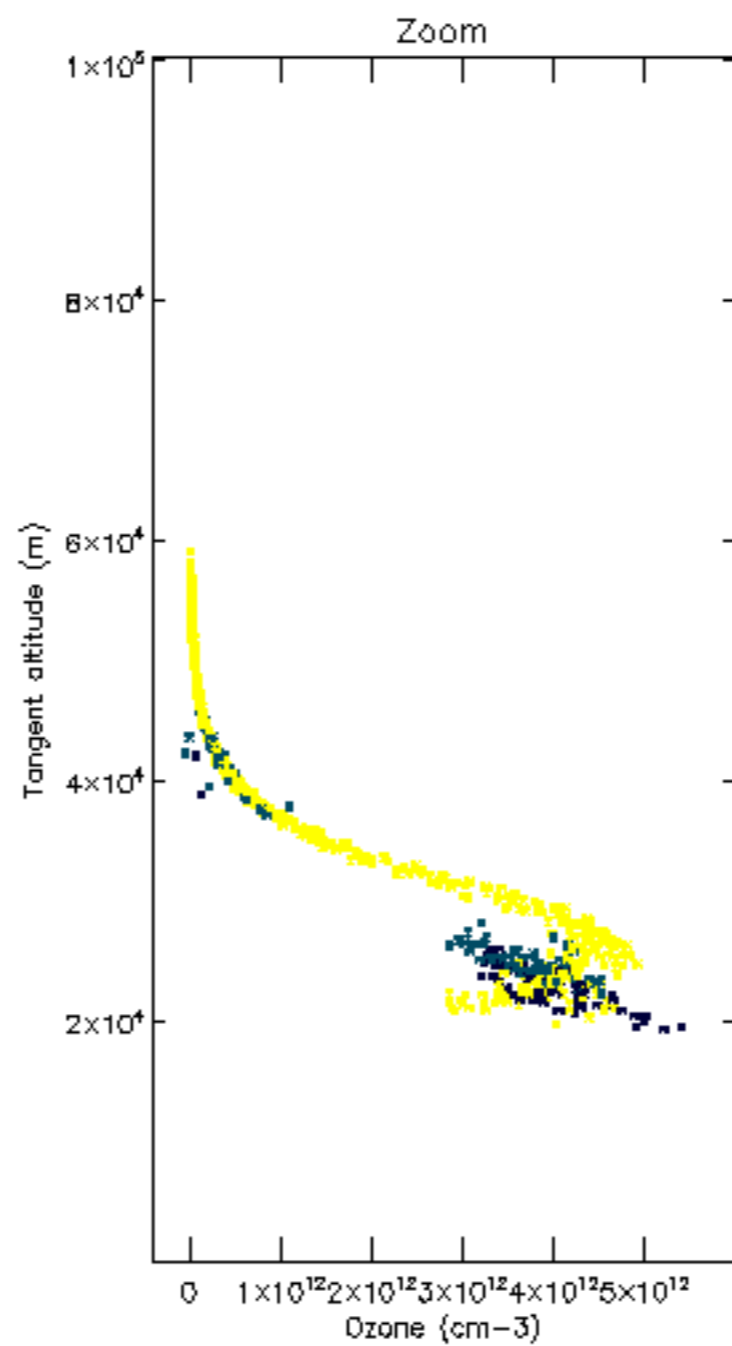
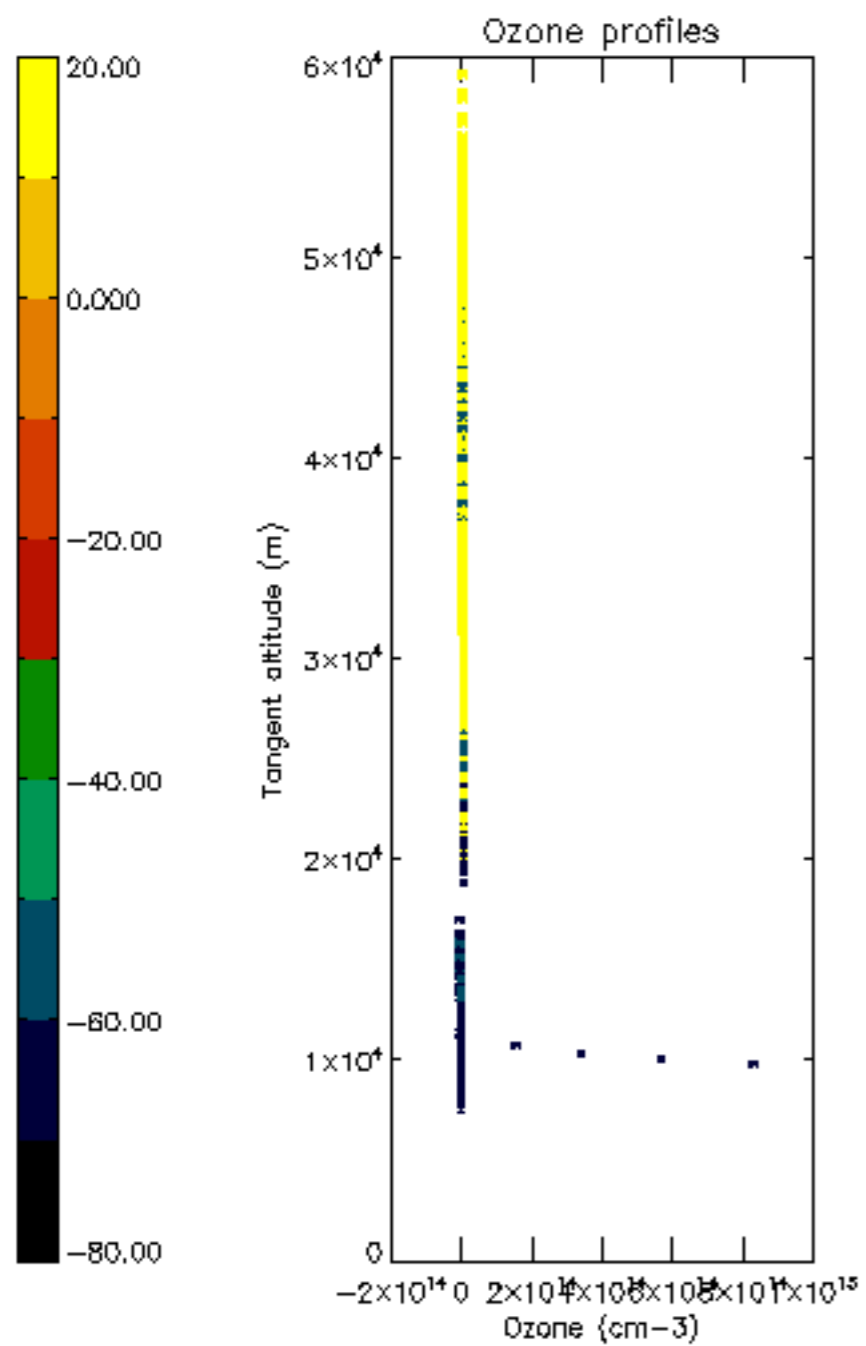


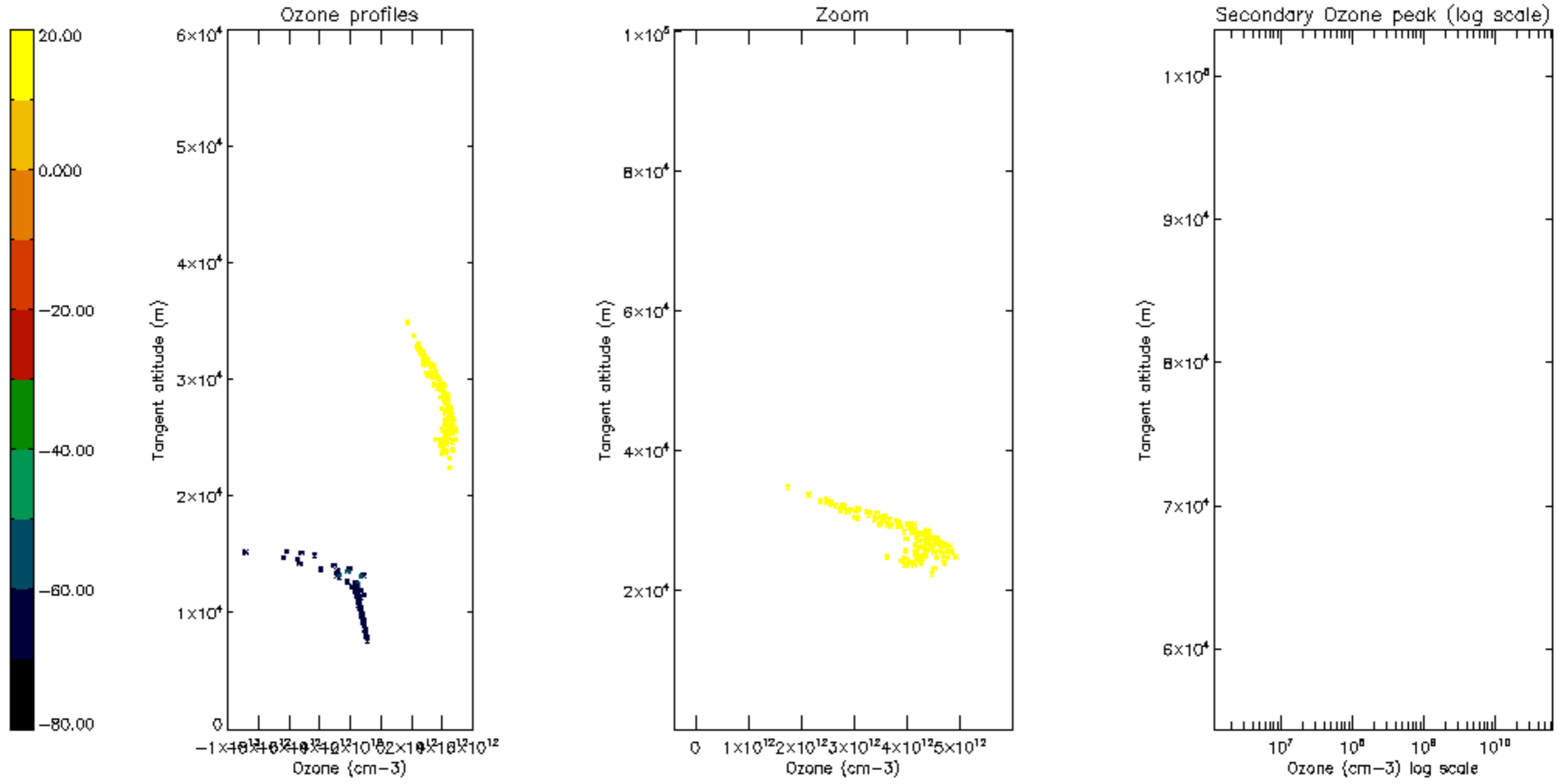
Percentage of saturation errors per profile

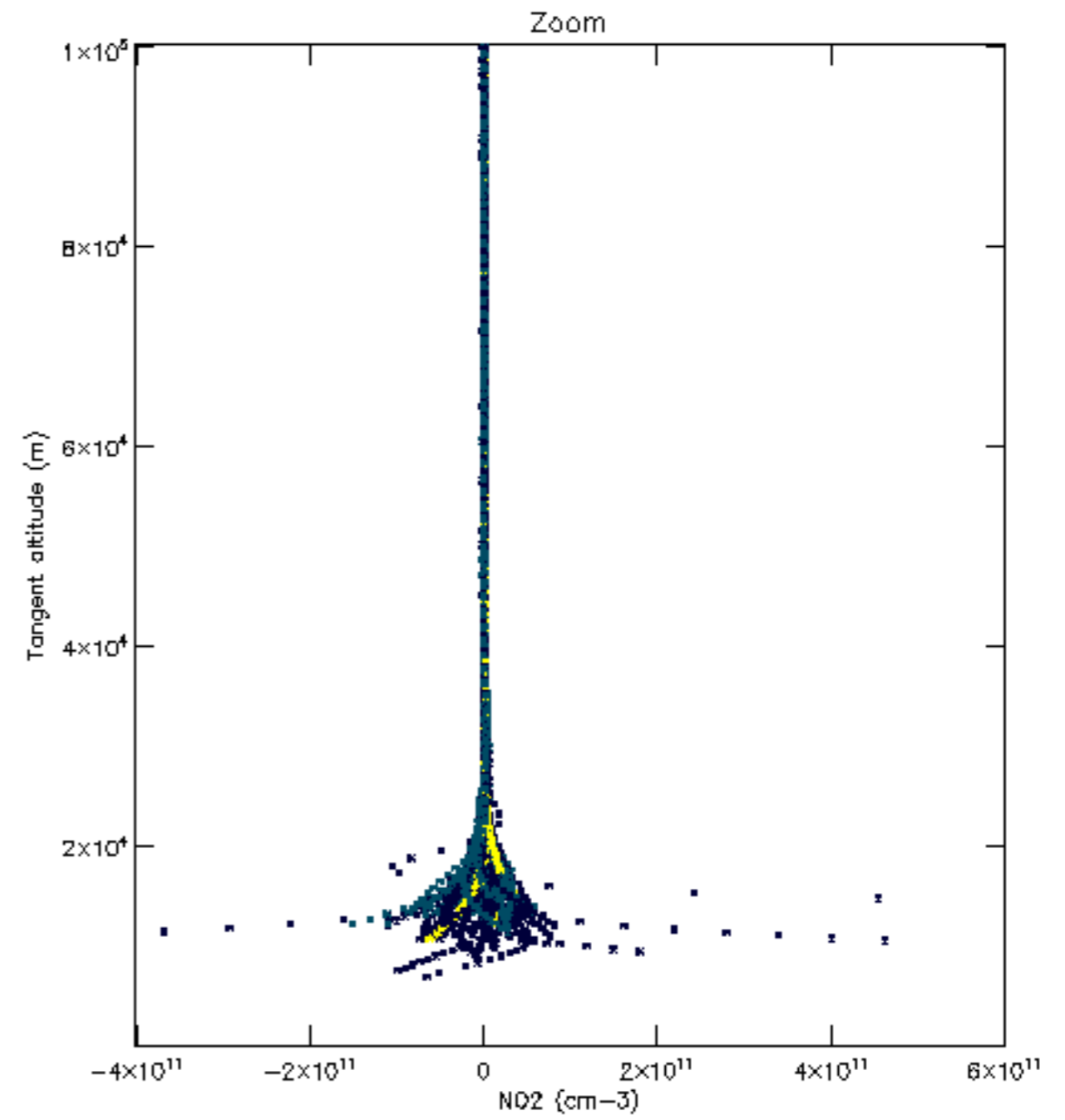
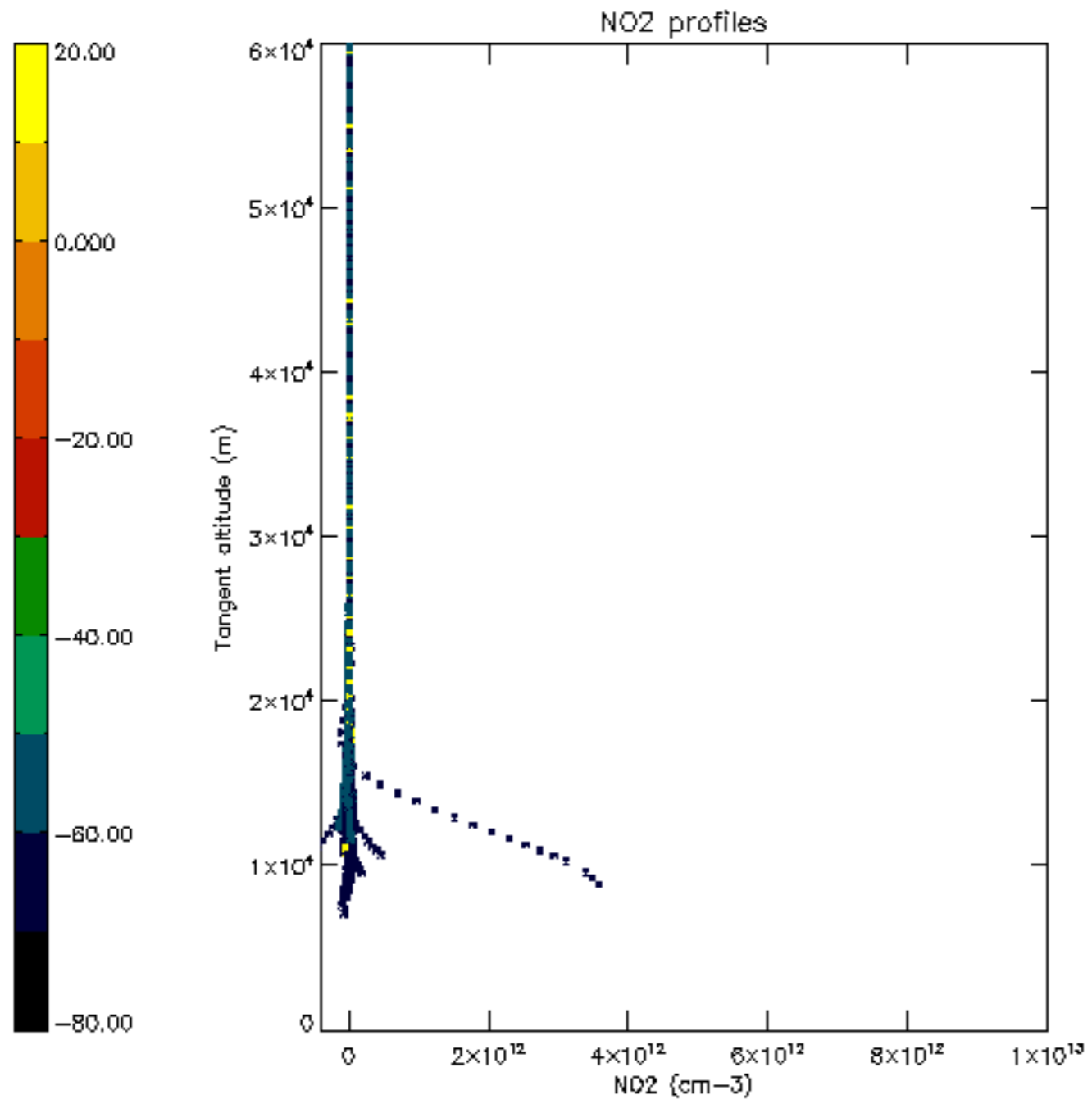


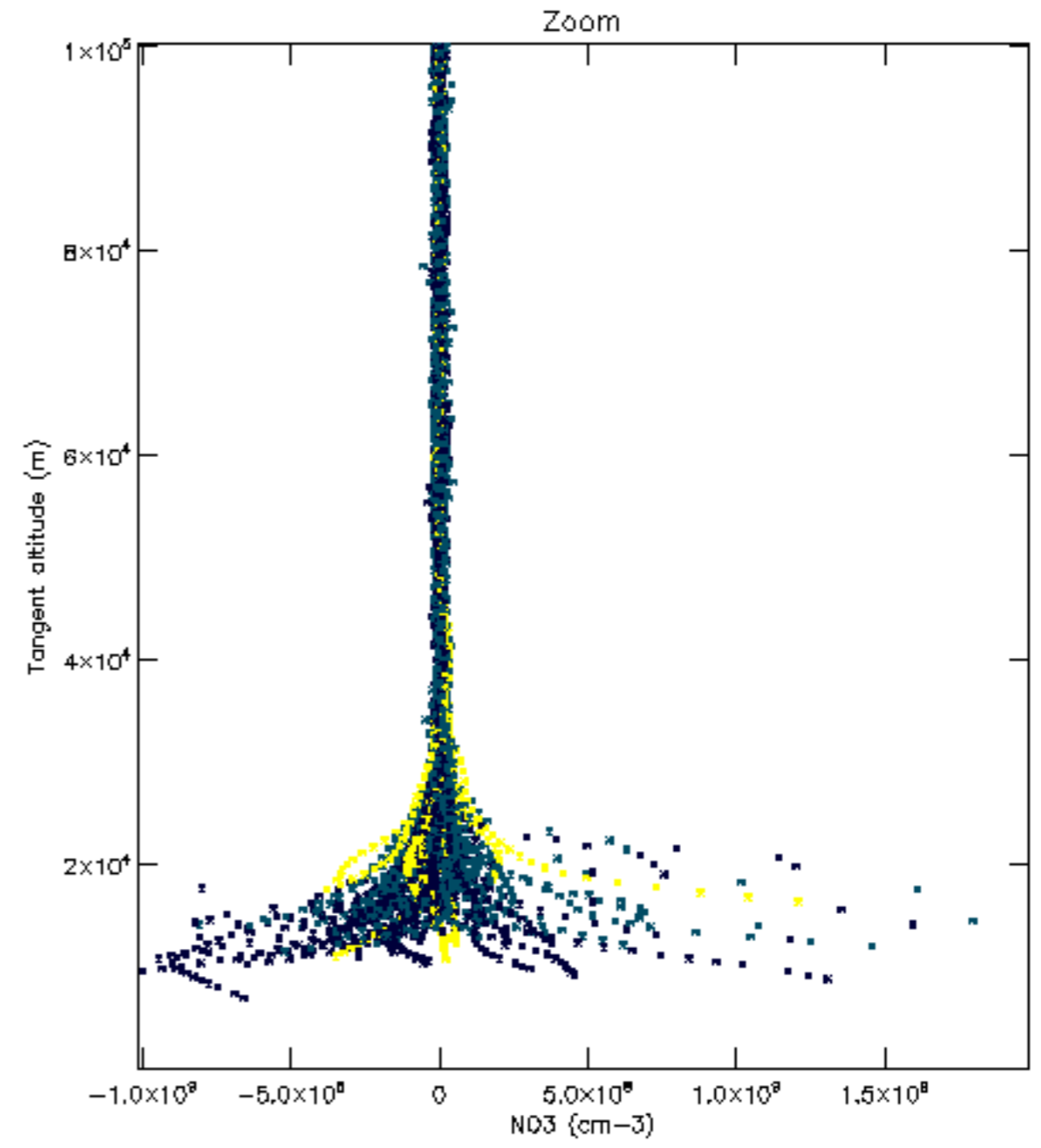
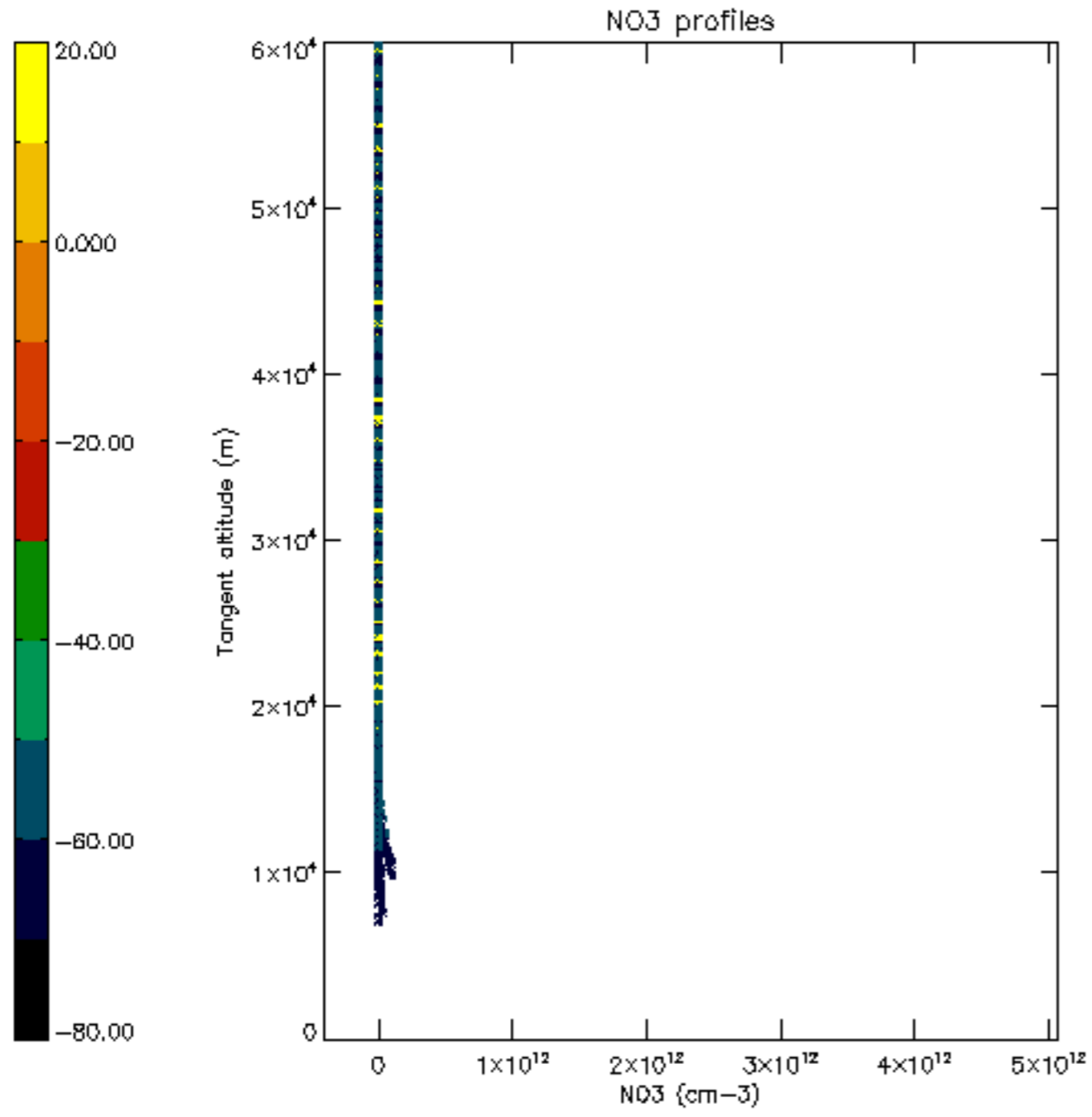


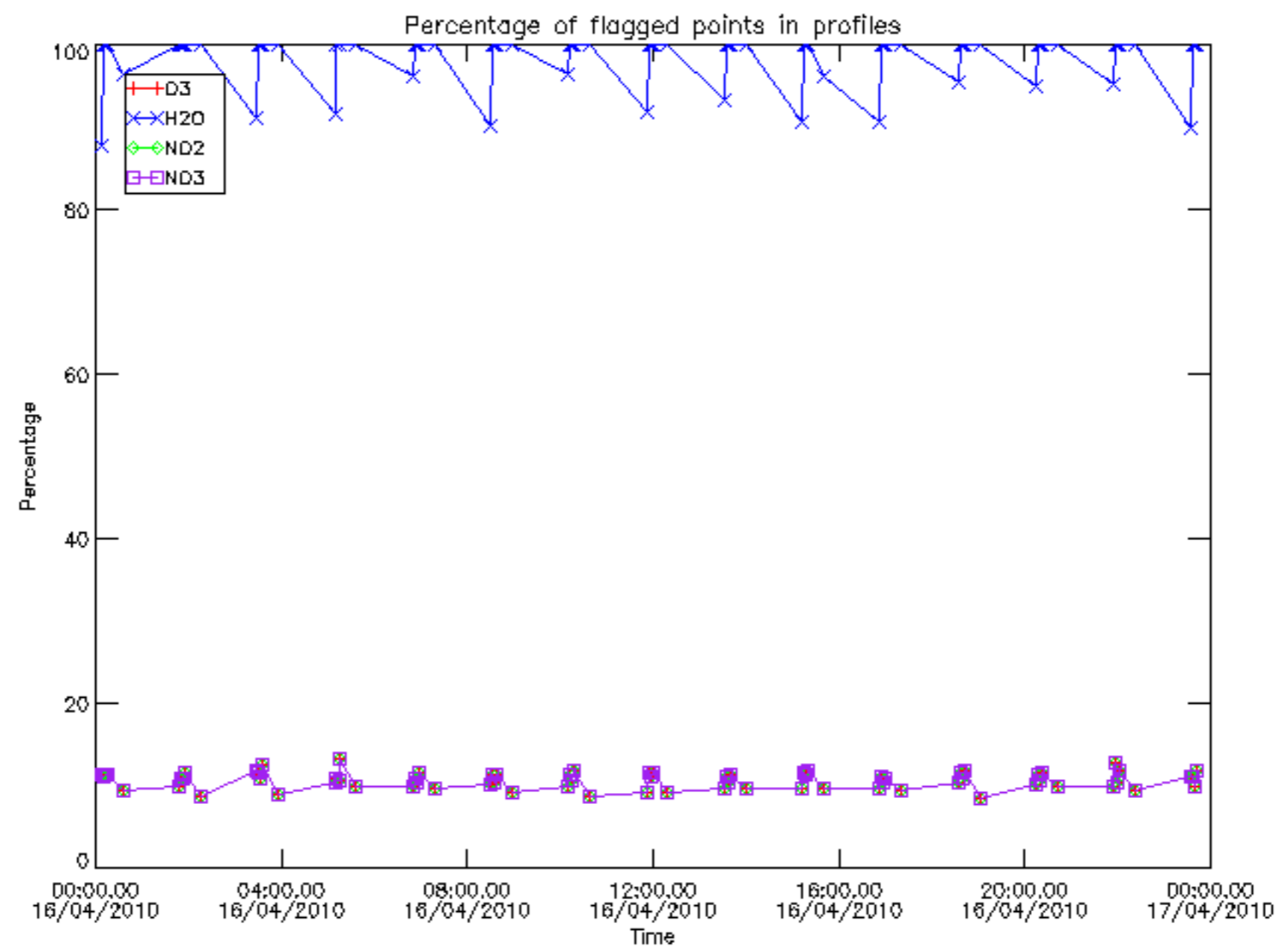




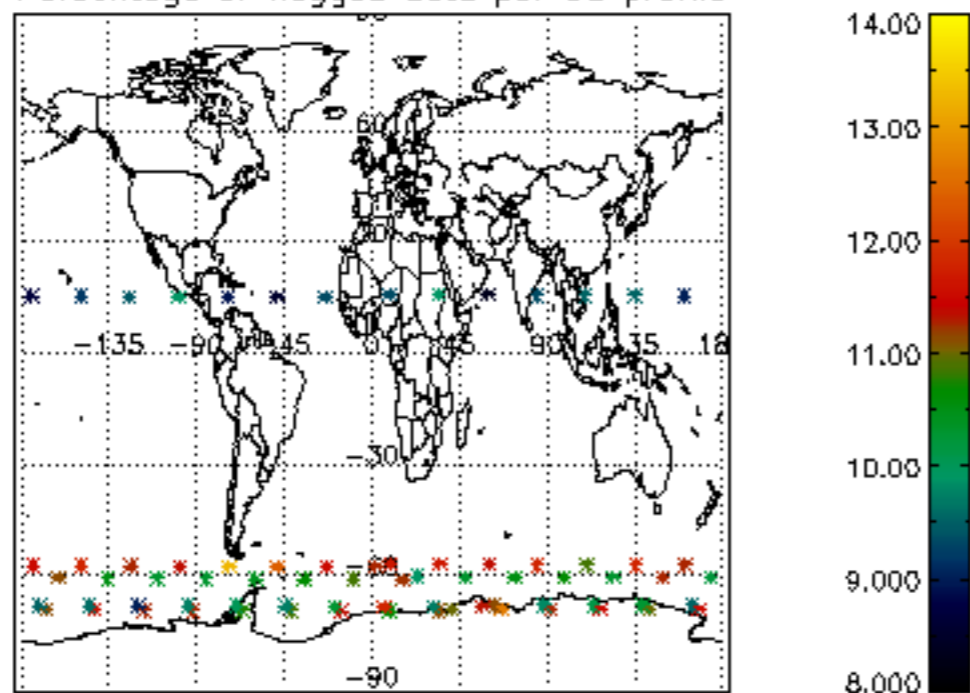




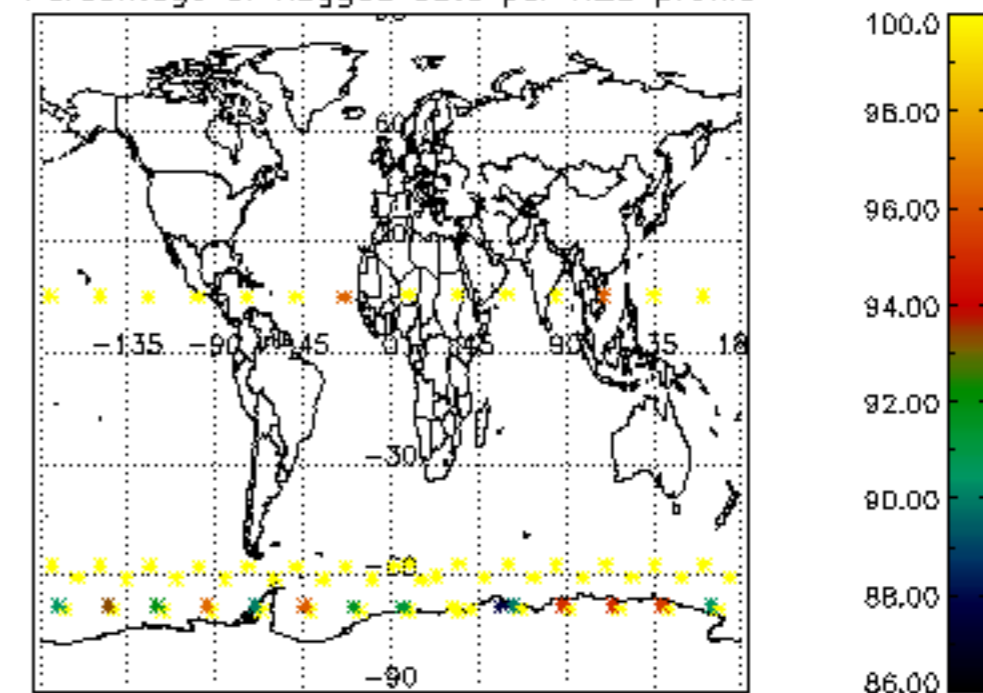




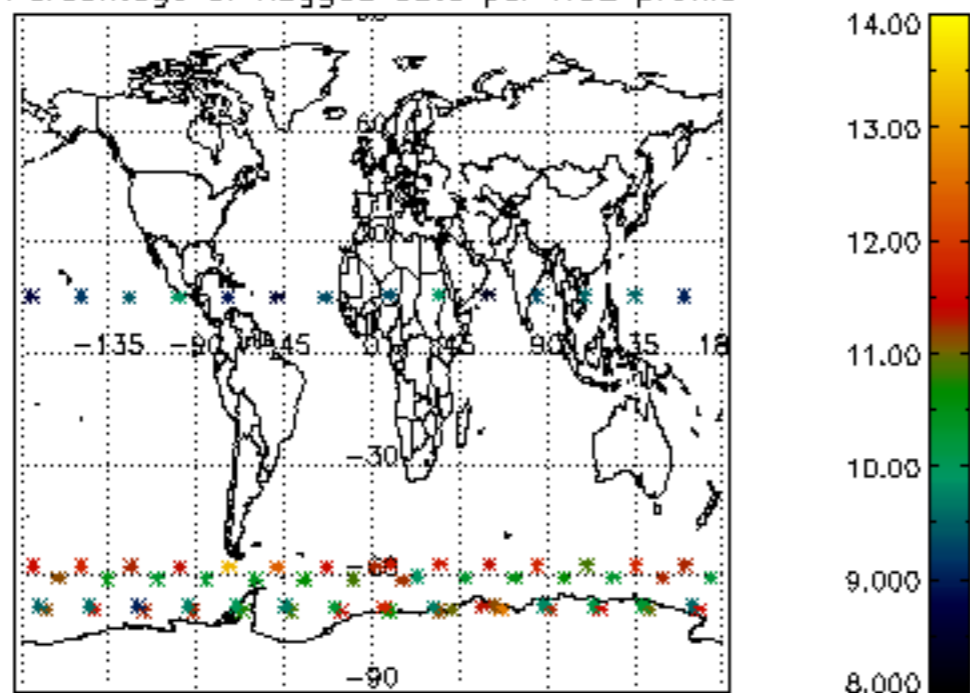
Percentage of flagged data per D3 profile



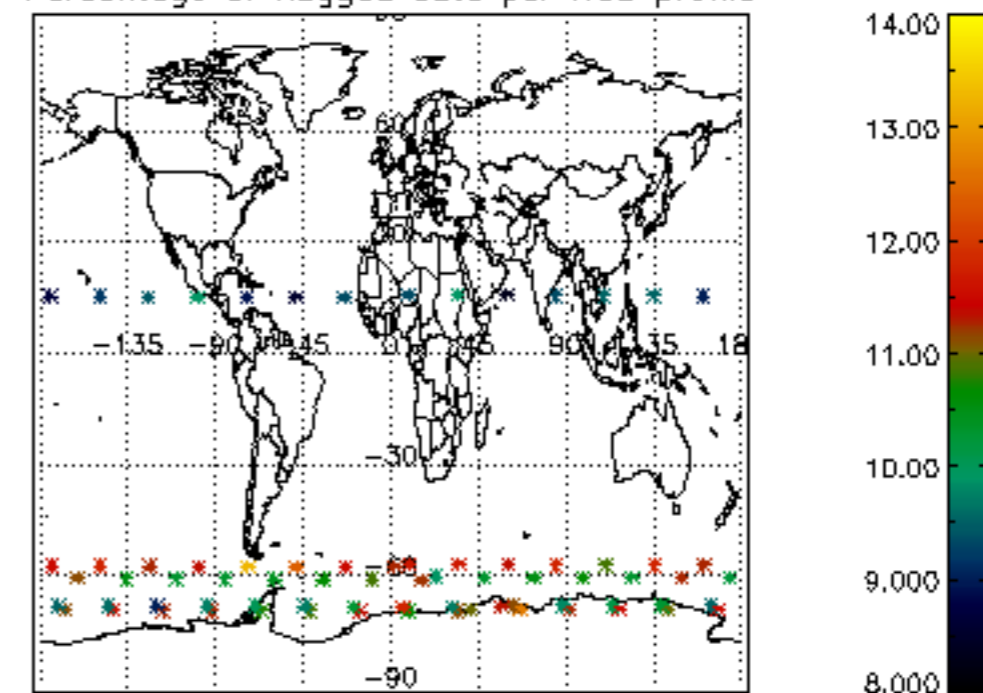
Percentage of flagged data per H2O profile

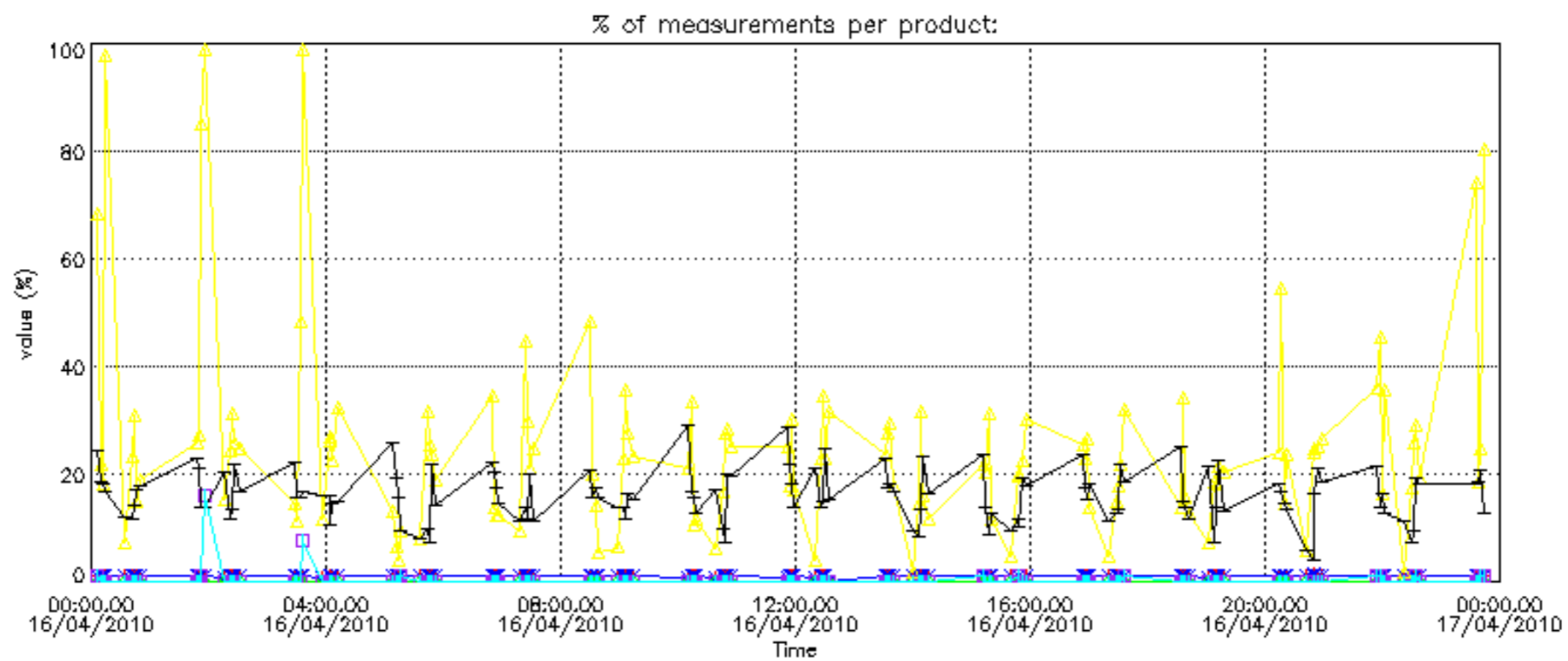


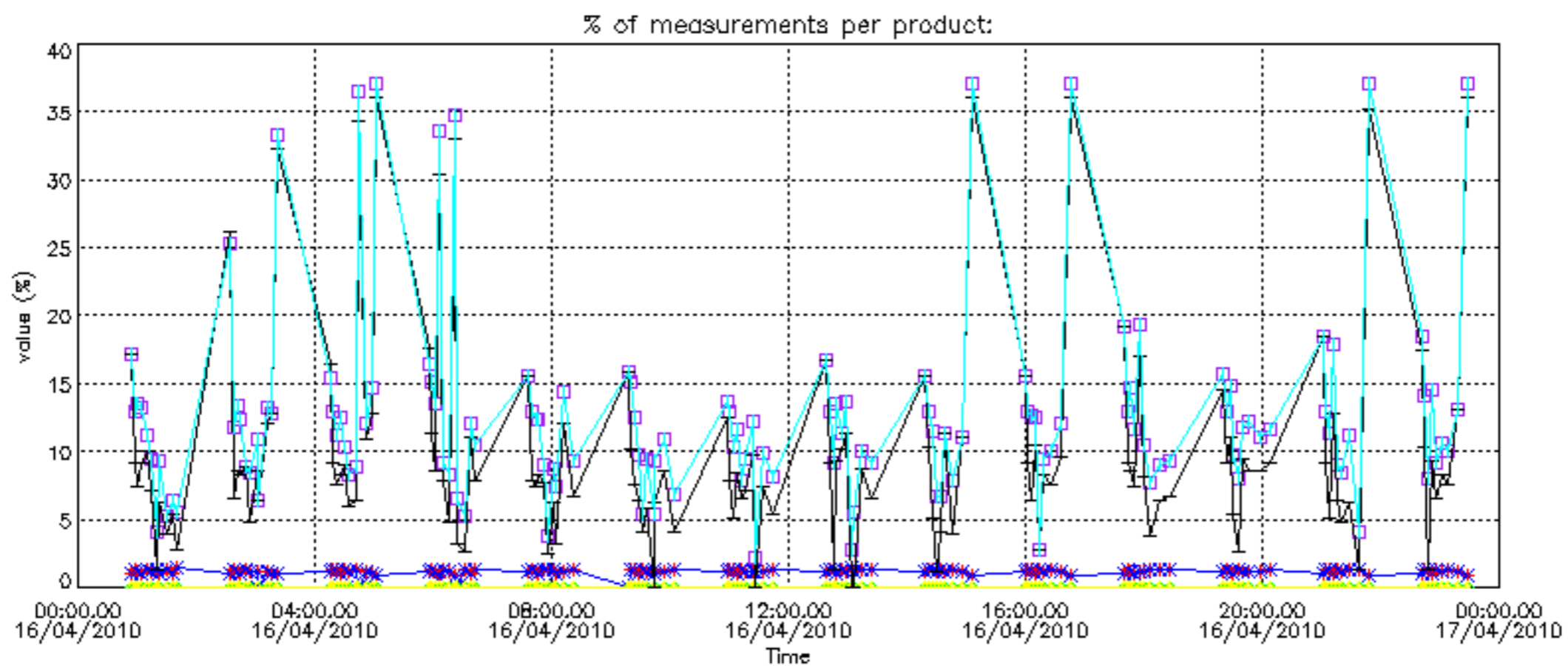
Percentage of flagged data per NO2 profile



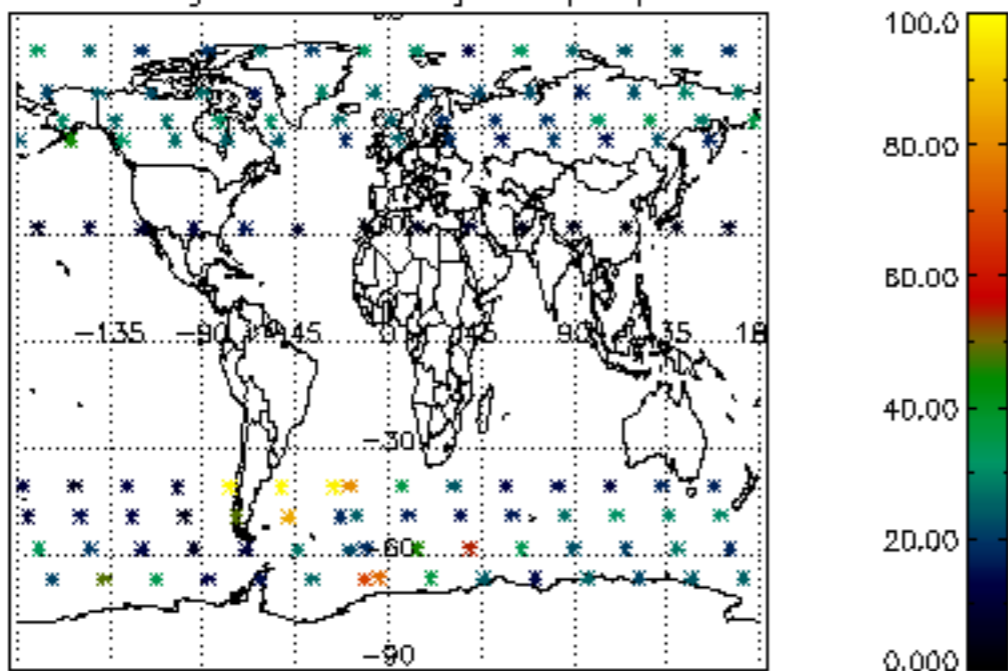
Percentage of flagged data per NO3 profile



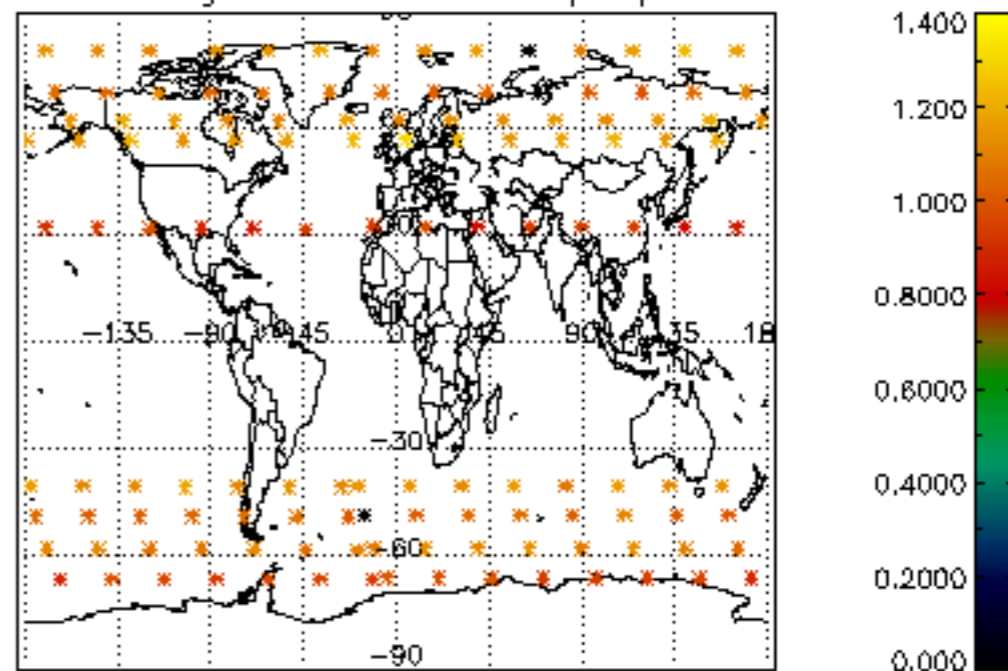




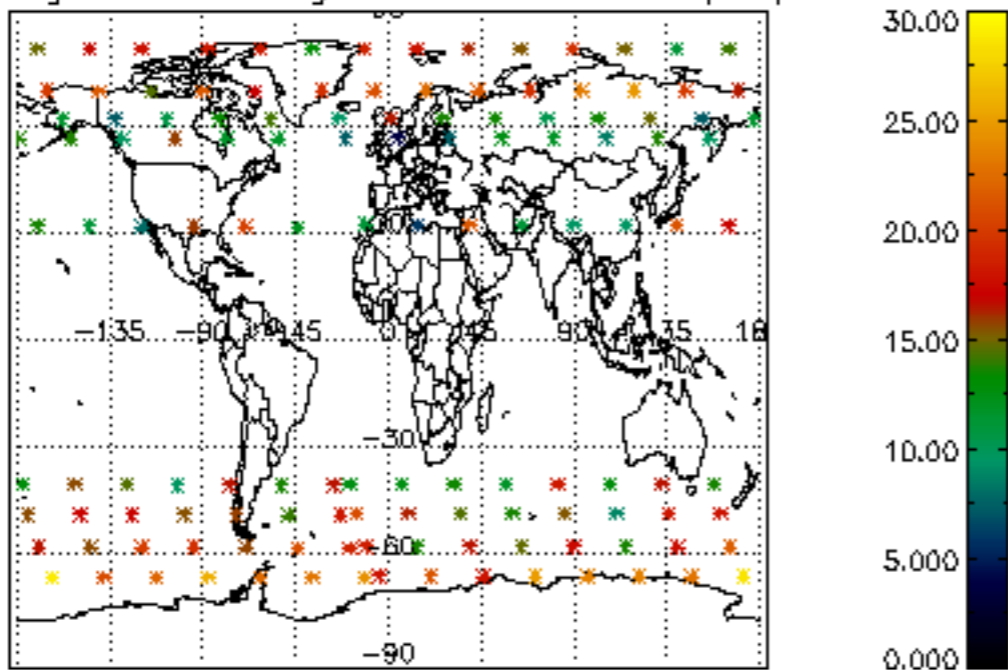
Percentage of cosmic ray hits per profile



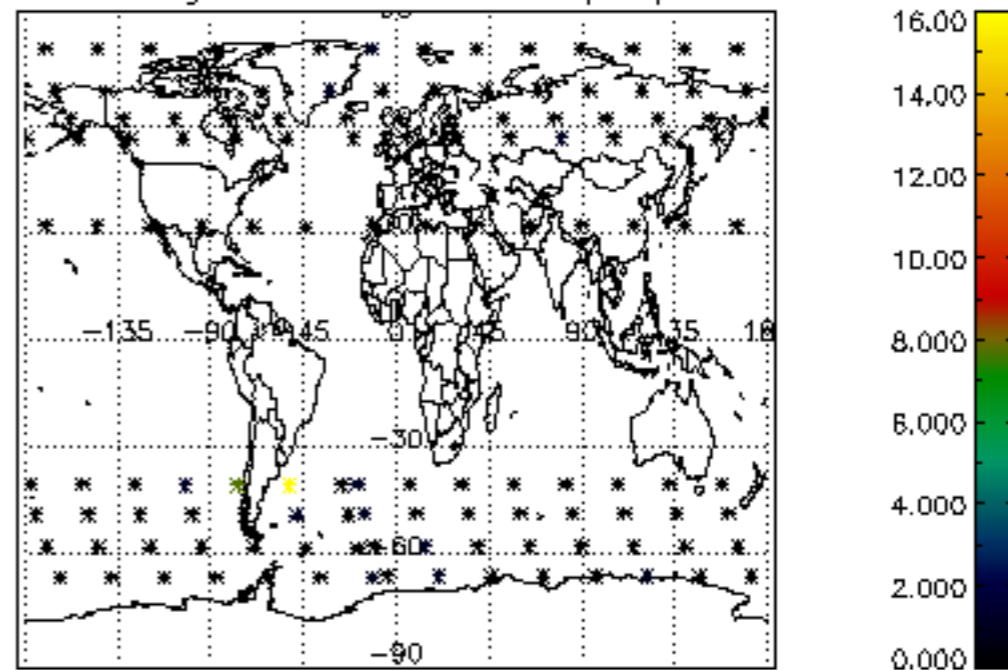
Percentage of datation errors per profile



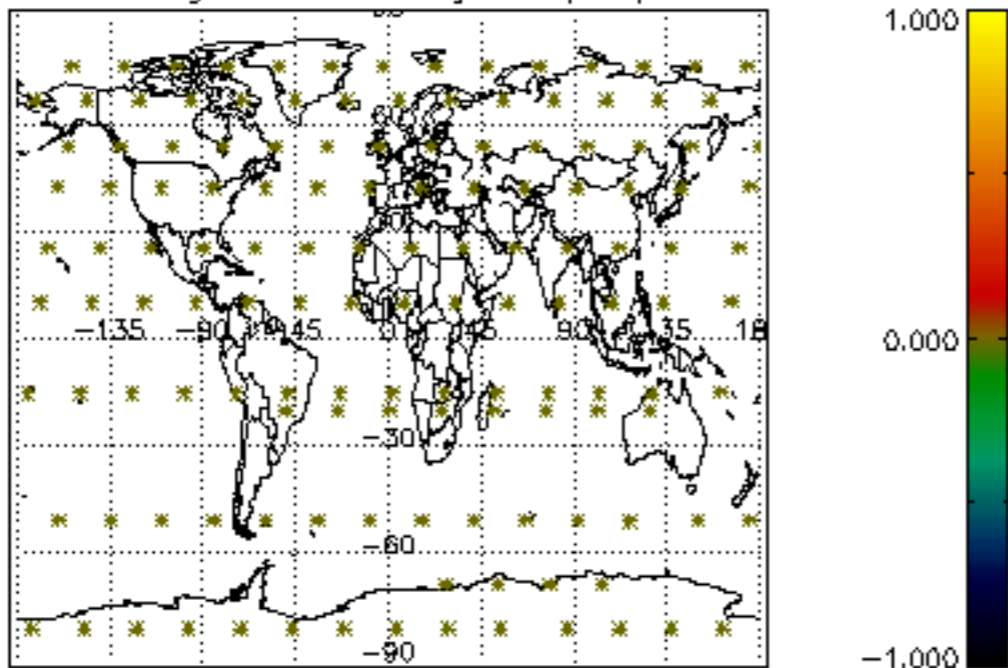
Percentage of star falling outside central band per profile



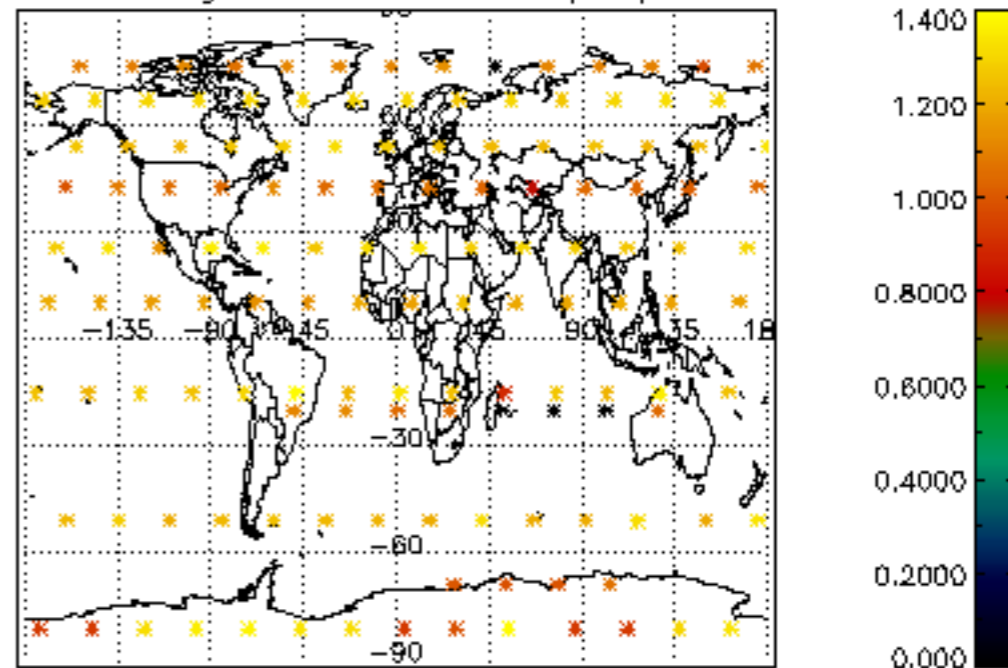
Percentage of saturation errors per profile



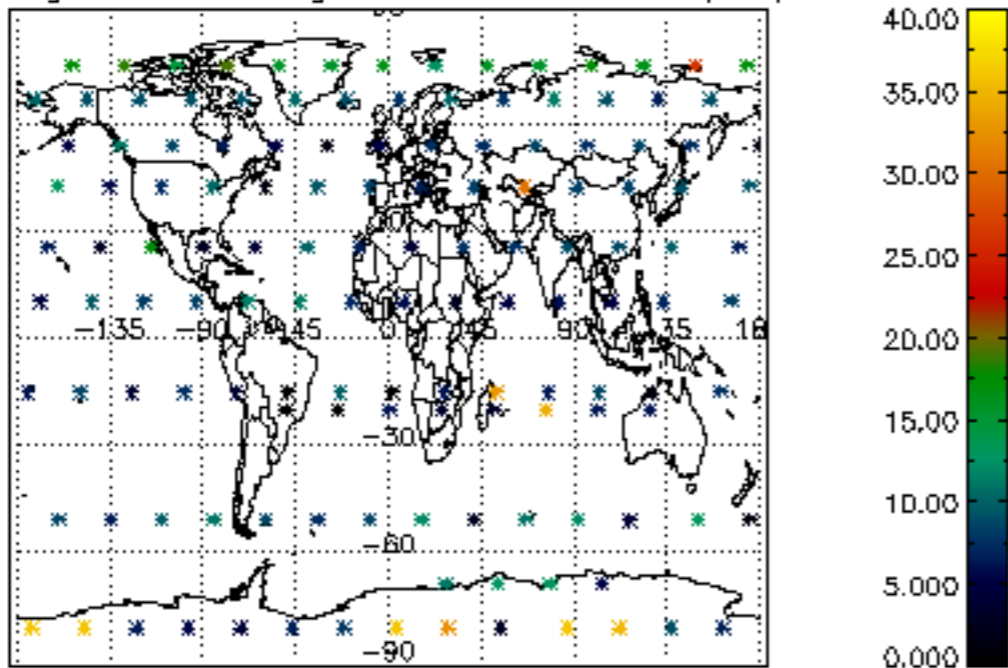
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

