

# 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	25APR2013 11:50:35
Data source version	GOMOS/6.01
Start time of products	18-03-2008 (18MAR2008 00:00:00)
Stop time of products	19-03-2008 (19MAR2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	263
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__2PRFIN20080318_000343_00000522067_00002_31619_4070.N1	18-MAR-2008 00:03:43	Straylight	51.500	106	9Bet Crv	2.6480	5600.0	103	31619	No
2	GOM_NL__2PRFIN20080318_000559_00000462067_00002_31619_4071.N1	18-MAR-2008 00:05:59	Twilight_stray	46.000	100	4Gam Crv	2.5800	13100.	92	31619	No
3	GOM_NL__2PRFIN20080318_001520_00000362067_00002_31619_4072.N1	18-MAR-2008 00:15:20	Bright	36.000	22	32Alp Leo	1.3600	15200.	72	31619	No
4	GOM_NL__2PRFIN20080318_001732_00000372067_00002_31619_4073.N1	18-MAR-2008 00:17:32	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31619	No
5	GOM_NL__2PRFIN20080318_002509_00000382067_00002_31619_4074.N1	18-MAR-2008 00:25:09	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	31619	No
6	GOM_NL__2PRFIN20080318_002822_00000382067_00002_31619_4075.N1	18-MAR-2008 00:28:22	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	31619	No
7	GOM_NL__2PRFIN20080318_002952_00000392067_00002_31619_4076.N1	18-MAR-2008 00:29:52	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	31619	No
8	GOM_NL__2PRFIN20080318_003652_00000372067_00002_31619_4077.N1	18-MAR-2008 00:36:52	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	31619	No
9	GOM_NL__2PRFIN20080318_004511_00000342067_00002_31619_4078.N1	18-MAR-2008 00:45:11	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31619	No
10	GOM_NL__2PRFIN20080318_005019_00000352067_00002_31619_4079.N1	18-MAR-2008 00:50:19	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	31619	No
11	GOM_NL__2PRFIN20080318_005153_00000392067_00002_31619_4080.N1	18-MAR-2008 00:51:53	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	31619	No
12	GOM_NL__2PRFIN20080318_005338_00000372067_00002_31619_4081.N1	18-MAR-2008 00:53:38	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	31619	No
13	GOM_NL__2PRFIN20080318_010208_00000522067_00002_31619_4082.N1	18-MAR-2008 01:02:08	Twilight_stray	52.000	11	53Alp Aql	0.76500	8000.0	104	31619	No
14	GOM_NL__2PRFIN20080318_011435_00000462067_00002_31619_4083.N1	18-MAR-2008 01:14:35	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	31619	No
15	GOM_NL__2PRFIN20080318_011606_00000572067_00002_31619_4084.N1	18-MAR-2008 01:16:06	Dark	56.500	137	22Lam Sgr	2.8240	4400.0	113	31619	No
16	GOM_NL__2PRFIN20080318_011806_00000472067_00002_31619_4085.N1	18-MAR-2008 01:18:06	Dark	46.500	38	20Eps Sgr	1.8360	11000.	93	31619	No
17	GOM_NL__2PRFIN20080318_012357_00000452067_00003_31620_4075.N1	18-MAR-2008 01:23:57	Dark	45.000	141	Bet Ara	2.8400	4600.0	90	31620	No
18	GOM_NL__2PRFIN20080318_012735_00000392067_00003_31620_4076.N1	18-MAR-2008 01:27:35	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31620	No
19	GOM_NL__2PRFIN20080318_013019_00000482067_00003_31620_4077.N1	18-MAR-2008 01:30:19	Dark	47.500	4	Alp1Cen	-0.010000	5800.0	95	31620	No
20	GOM_NL__2PRFIN20080318_013225_00000292067_00003_31620_4078.N1	18-MAR-2008 01:32:25	Dark	29.000	109	Bet Lup	2.6770	26000.	58	31620	No
21	GOM_NL__2PRFIN20080318_013341_00000392067_00003_31620_4079.N1	18-MAR-2008 01:33:41	Dark	39.000	20	Bet Cru	1.2530	30000.	78	31620	No
22	GOM_NL__2PRFIN20080318_013625_00000412067_00003_31620_4080.N1	18-MAR-2008 01:36:25	Straylight	41.000	64	Gam Cen	2.2000	10600.	82	31620	No
23	GOM_NL__2PRFIN20080318_013841_00000502067_00003_31620_4081.N1	18-MAR-2008 01:38:41	Straylight	49.500	123	lot Cen	2.7500	10200.	99	31620	No
24	GOM_NL__2PRFIN20080318_014420_00000492067_00003_31620_4082.N1	18-MAR-2008 01:44:20	Straylight	49.000	106	9Bet Crv	2.6480	5600.0	98	31620	No
25	GOM_NL__2PRFIN20080318_014635_00000502067_00003_31620_4083.N1	18-MAR-2008 01:46:35	Twilight_stray	49.500	100	4Gam Crv	2.5800	13100.	99	31620	No
26	GOM_NL__2PRFIN20080318_015556_00000382067_00003_31620_4084.N1	18-MAR-2008 01:55:56	Bright	38.000	22	32Alp Leo	1.3600	15200.	76	31620	No
27	GOM_NL__2PRFIN20080318_015808_00000372067_00003_31620_4085.N1	18-MAR-2008 01:58:08	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31620	No
28	GOM_NL__2PRFIN20080318_020544_00000402067_00003_31620_4086.N1	18-MAR-2008 02:05:44	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	31620	No
29	GOM_NL__2PRFIN20080318_020858_00000372067_00003_31620_4087.N1	18-MAR-2008 02:08:58	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	31620	No
30	GOM_NL__2PRFIN20080318_021028_00000372067_00003_31620_4088.N1	18-MAR-2008 02:10:28	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	31620	No
31	GOM_NL__2PRFIN20080318_021728_00000382067_00003_31620_4089.N1	18-MAR-2008 02:17:28	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	31620	No
32	GOM_NL__2PRFIN20080318_022547_00000372067_00003_31620_4090.N1	18-MAR-2008 02:25:47	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31620	No
33	GOM_NL__2PRFIN20080318_023055_00000342067_00003_31620_4091.N1	18-MAR-2008 02:30:55	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31620	No
34	GOM_NL__2PRFIN20080318_023229_00000362067_00003_31620_4092.N1	18-MAR-2008 02:32:29	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	31620	No
35	GOM_NL__2PRFIN20080318_023414_00000372067_00003_31620_4093.N1	18-MAR-2008 02:34:14	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	31620	No
36	GOM_NL__2PRFIN20080318_024245_00000612067_00003_31620_4094.N1	18-MAR-2008 02:42:45	Twilight_stray	60.500	11	53Alp Aql	0.76500	8000.0	121	31620	No
37	GOM_NL__2PRFIN20080318_025308_00000472067_00003_31620_4095.N1	18-MAR-2008 02:53:08	Dark	46.500	155	41Pi Sgr	2.9000	6600.0	93	31620	No
38	GOM_NL__2PRFIN20080318_025643_00000512067_00003_31620_4096.N1	18-MAR-2008 02:56:43	Dark	51.000	137	22Lam Sgr	2.8240	4400.0	102	31620	No
39	GOM_NL__2PRFIN20080318_025843_00000572067_00003_31620_4097.N1	18-MAR-2008 02:58:43	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	31620	No
40	GOM_NL__2PRFIN20080318_030434_00000412067_00004_31621_4078.N1	18-MAR-2008 03:04:34	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	31621	No
41	GOM_NL__2PRFIN20080318_030812_00000402067_00004_31621_4079.N1	18-MAR-2008 03:08:12	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	31621	No
42	GOM_NL__2PRFIN20080318_031056_00000572067_00004_31621_4080.N1	18-MAR-2008 03:10:56	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	31621	No

43	GOM_NL__2PRFIN20080318_031302_000000292067_00004_31621_4081.N1	18-MAR-2008 03:13:02	Dark	29.000	109	Bet Lup	2.6770	26000.	58	31621	No
44	GOM_NL__2PRFIN20080318_031417_000000432067_00004_31621_4082.N1	18-MAR-2008 03:14:17	Dark	42.500	20	Bet Cru	1.2530	30000.	85	31621	No
45	GOM_NL__2PRFIN20080318_031702_000000402067_00004_31621_4083.N1	18-MAR-2008 03:17:02	Straylight	40.000	64	Gam Cen	2.2000	10600.	80	31621	No
46	GOM_NL__2PRFIN20080318_031918_000000502067_00004_31621_4084.N1	18-MAR-2008 03:19:18	Straylight	49.500	123	lot Cen	2.7500	10200.	99	31621	No
47	GOM_NL__2PRFIN20080318_032456_000000532067_00004_31621_4085.N1	18-MAR-2008 03:24:56	Straylight	52.500	106	9Bet Crv	2.6480	5600.0	105	31621	No
48	GOM_NL__2PRFIN20080318_032711_000000512067_00004_31621_4086.N1	18-MAR-2008 03:27:11	Tw_i_and_stray	50.500	100	4Gam Crv	2.5800	13100.	101	31621	No
49	GOM_NL__2PRFIN20080318_033632_000000382067_00004_31621_4087.N1	18-MAR-2008 03:36:32	Bright	37.500	22	32Alp Leo	1.3600	15200.	75	31621	No
50	GOM_NL__2PRFIN20080318_033844_000000382067_00004_31621_4088.N1	18-MAR-2008 03:38:44	Bright	38.000	51	41Gam1Leo	2.0100	4500.0	76	31621	No
51	GOM_NL__2PRFIN20080318_034620_000000372067_00004_31621_4089.N1	18-MAR-2008 03:46:20	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	31621	No
52	GOM_NL__2PRFIN20080318_034933_000000372067_00004_31621_4090.N1	18-MAR-2008 03:49:33	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	31621	No
53	GOM_NL__2PRFIN20080318_035103_000000382067_00004_31621_4091.N1	18-MAR-2008 03:51:03	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	31621	No
54	GOM_NL__2PRFIN20080318_035804_000000392067_00004_31621_4092.N1	18-MAR-2008 03:58:04	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	31621	No
55	GOM_NL__2PRFIN20080318_040623_000000362067_00004_31621_4093.N1	18-MAR-2008 04:06:23	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31621	No
56	GOM_NL__2PRFIN20080318_041131_000000372067_00004_31621_4094.N1	18-MAR-2008 04:11:31	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	31621	No
57	GOM_NL__2PRFIN20080318_041306_000000382067_00004_31621_4095.N1	18-MAR-2008 04:13:06	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	31621	No
58	GOM_NL__2PRFIN20080318_041450_000000362067_00004_31621_4096.N1	18-MAR-2008 04:14:50	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	31621	No
59	GOM_NL__2PRFIN20080318_042321_000000532067_00004_31621_4097.N1	18-MAR-2008 04:23:21	Tw_i_and_stray	52.500	11	53Alp Aql	0.76500	8000.0	105	31621	No
60	GOM_NL__2PRFIN20080318_043345_000000492067_00004_31621_4098.N1	18-MAR-2008 04:33:45	Dark	49.000	155	41Pi Sgr	2.9000	6600.0	98	31621	No
61	GOM_NL__2PRFIN20080318_043549_000000482067_00004_31621_4099.N1	18-MAR-2008 04:35:49	Dark	47.500	57	34Sig Sgr	2.0660	26000.	95	31621	No
62	GOM_NL__2PRFIN20080318_043720_000000532067_00004_31621_4100.N1	18-MAR-2008 04:37:20	Dark	52.500	137	22Lam Sgr	2.8240	4400.0	105	31621	No
63	GOM_NL__2PRFIN20080318_043920_000000492067_00004_31621_4101.N1	18-MAR-2008 04:39:20	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	31621	No
64	GOM_NL__2PRFIN20080318_044510_000000422067_00005_31622_4178.N1	18-MAR-2008 04:45:10	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	31622	No
65	GOM_NL__2PRFIN20080318_044848_000000392067_00005_31622_4179.N1	18-MAR-2008 04:48:48	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31622	No
66	GOM_NL__2PRFIN20080318_045132_000000462067_00005_31622_4180.N1	18-MAR-2008 04:51:32	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	31622	No
67	GOM_NL__2PRFIN20080318_045338_000000302067_00005_31622_4181.N1	18-MAR-2008 04:53:38	Dark	30.000	109	Bet Lup	2.6770	26000.	60	31622	No
68	GOM_NL__2PRFIN20080318_045454_000000422067_00005_31622_4182.N1	18-MAR-2008 04:54:54	Dark	41.500	20	Bet Cru	1.2530	30000.	83	31622	No
69	GOM_NL__2PRFIN20080318_045738_000000432067_00005_31622_4183.N1	18-MAR-2008 04:57:38	Straylight	43.000	64	Gam Cen	2.2000	10600.	86	31622	No
70	GOM_NL__2PRFIN20080318_045954_000000472067_00005_31622_4184.N1	18-MAR-2008 04:59:54	Straylight	46.500	123	lot Cen	2.7500	10200.	93	31622	No
71	GOM_NL__2PRFIN20080318_050532_000000502067_00005_31622_4185.N1	18-MAR-2008 05:05:32	Straylight	49.500	106	9Bet Crv	2.6480	5600.0	99	31622	No
72	GOM_NL__2PRFIN20080318_050747_000000482067_00005_31622_4186.N1	18-MAR-2008 05:07:47	Tw_i_and_stray	48.000	100	4Gam Crv	2.5800	13100.	96	31622	No
73	GOM_NL__2PRFIN20080318_051708_000000382067_00005_31622_4187.N1	18-MAR-2008 05:17:08	Bright	37.500	22	32Alp Leo	1.3600	15200.	75	31622	No
74	GOM_NL__2PRFIN20080318_051920_000000372067_00005_31622_4188.N1	18-MAR-2008 05:19:20	Bright	36.500	51	41Gam1Leo	2.0100	4500.0	73	31622	No
75	GOM_NL__2PRFIN20080318_052656_000000392067_00005_31622_4189.N1	18-MAR-2008 05:26:56	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	31622	No
76	GOM_NL__2PRFIN20080318_053009_000000382067_00005_31622_4190.N1	18-MAR-2008 05:30:09	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	31622	No
77	GOM_NL__2PRFIN20080318_053139_000000392067_00005_31622_4191.N1	18-MAR-2008 05:31:39	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	31622	No
78	GOM_NL__2PRFIN20080318_053839_000000422067_00005_31622_4192.N1	18-MAR-2008 05:38:39	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	31622	No
79	GOM_NL__2PRFIN20080318_054659_000000392067_00005_31622_4193.N1	18-MAR-2008 05:46:59	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	31622	No
80	GOM_NL__2PRFIN20080318_055207_000000372067_00005_31622_4194.N1	18-MAR-2008 05:52:07	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	31622	No
81	GOM_NL__2PRFIN20080318_055342_000000392067_00005_31622_4195.N1	18-MAR-2008 05:53:42	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	31622	No
82	GOM_NL__2PRFIN20080318_055527_000000362067_00005_31622_4196.N1	18-MAR-2008 05:55:27	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	31622	No
83	GOM_NL__2PRFIN20080318_060358_000000532067_00005_31622_4197.N1	18-MAR-2008 06:03:58	Tw_i_and_stray	52.500	11	53Alp Aql	0.76500	8000.0	105	31622	No
84	GOM_NL__2PRFIN20080318_061422_000000482067_00005_31622_4198.N1	18-MAR-2008 06:14:22	Dark	48.000	155	41Pi Sgr	2.9000	6600.0	96	31622	No
85	GOM_NL__2PRFIN20080318_061626_000000452067_00005_31622_4199.N1	18-MAR-2008 06:16:26	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	31622	No
86	GOM_NL__2PRFIN20080318_061757_000000522067_00005_31622_4200.N1	18-MAR-2008 06:17:57	Dark	52.000	137	22Lam Sgr	2.8240	4400.0	104	31622	No
87	GOM_NL__2PRFIN20080318_061957_000000492067_00005_31622_4201.N1	18-MAR-2008 06:19:57	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	31622	No
88	GOM_NL__2PRFIN20080318_094700_000000422067_00008_31625_4124.N1	18-MAR-2008 09:47:00	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	31625	No
89	GOM_NL__2PRFIN20080318_095038_000000382067_00008_31625_4125.N1	18-MAR-2008 09:50:38	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31625	No
90	GOM_NL__2PRFIN20080318_095322_000000482067_00008_31625_4126.N1	18-MAR-2008 09:53:22	Dark	47.500	4	Alp1Cen	-0.010000	5800.0	95	31625	No
91	GOM_NL__2PRFIN20080318_095529_000000312067_00008_31625_4127.N1	18-MAR-2008 09:55:29	Dark	31.000	109	Bet Lup	2.6770	26000.	62	31625	No
92	GOM_NL__2PRFIN20080318_095643_000000392067_00008_31625_4128.N1	18-MAR-2008 09:56:43	Dark	39.000	20	Bet Cru	1.2530	30000.	78	31625	No
93	GOM_NL__2PRFIN20080318_095927_000000432067_00008_31625_4129.N1	18-MAR-2008 09:59:27	Straylight	42.500	64	Gam Cen	2.2000	10600.	85	31625	No
94	GOM_NL__2PRFIN20080318_100144_000000492067_00008_31625_4130.N1	18-MAR-2008 10:01:44	Straylight	48.500	123	lot Cen	2.7500	10200.	97	31625	No
95	GOM_NL__2PRFIN20080318_100721_000000512067_00008_31625_4131.N1	18-MAR-2008 10:07:21	Straylight	50.500	106	9Bet Crv	2.6480	5600.0	101	31625	No
96	GOM_NL__2PRFIN20080318_100935_000000452067_00008_31625_4132.N1	18-MAR-2008 10:09:35	Tw_i_and_stray	44.500	100	4Gam Crv	2.5800	13100.	89	31625	No
97	GOM_NL__2PRFIN20080318_101856_000000372067_00008_31625_4133.N1	18-MAR-2008 10:18:56	Bright	37.000	22	32Alp Leo	1.3600	15200.	74	31625	No
98	GOM_NL__2PRFIN20080318_102108_000000382067_00008_31625_4134.N1	18-MAR-2008 10:21:08	Bright	37.500	51	41Gam1Leo	2.0100	4500.0	75	31625	No
99	GOM_NL__2PRFIN20080318_102843_000000402067_00008_31625_4135.N1	18-MAR-2008 10:28:43	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	31625	No
100	GOM_NL__2PRFIN20080318_103156_000000382067_00008_31625_4136.N1	18-MAR-2008 10:31:56	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	31625	No
101	GOM_NL__2PRFIN20080318_103326_000000382067_00008_31625_4137.N1	18-MAR-2008 10:33:26	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	31625	No

102	GOM_NL__2PRFIN20080318_104026_000000362067_00008_31625_4138.N1	18-MAR-2008 10:40:26	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	31625	No
103	GOM_NL__2PRFIN20080318_104847_000000352067_00008_31625_4139.N1	18-MAR-2008 10:48:47	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	31625	No
104	GOM_NL__2PRFIN20080318_105355_000000362067_00008_31625_4140.N1	18-MAR-2008 10:53:55	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31625	No
105	GOM_NL__2PRFIN20080318_105530_000000372067_00008_31625_4141.N1	18-MAR-2008 10:55:30	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	31625	No
106	GOM_NL__2PRFIN20080318_105715_000000362067_00008_31625_4142.N1	18-MAR-2008 10:57:15	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	31625	No
107	GOM_NL__2PRFIN20080318_110547_000000522067_00008_31625_4143.N1	18-MAR-2008 11:05:47	Twilight	52.000	11	53Alp Aql	0.76500	8000.0	104	31625	No
108	GOM_NL__2PRFIN20080318_111612_000000462067_00008_31625_4144.N1	18-MAR-2008 11:16:12	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	31625	No
109	GOM_NL__2PRFIN20080318_111817_000000472067_00008_31625_4145.N1	18-MAR-2008 11:18:17	Dark	47.000	57	34Sig Sgr	2.0660	26000.	94	31625	No
110	GOM_NL__2PRFIN20080318_111948_000000462067_00008_31625_4146.N1	18-MAR-2008 11:19:48	Dark	46.000	137	22Lam Sgr	2.8240	4400.0	92	31625	No
111	GOM_NL__2PRFIN20080318_112147_000000472067_00008_31625_4147.N1	18-MAR-2008 11:21:47	Dark	47.000	38	20Eps Sgr	1.8360	11000.	94	31625	No
112	GOM_NL__2PRFIN20080318_112737_000000442067_00009_31626_4127.N1	18-MAR-2008 11:27:37	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	31626	No
113	GOM_NL__2PRFIN20080318_113114_000000382067_00009_31626_4128.N1	18-MAR-2008 11:31:14	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31626	No
114	GOM_NL__2PRFIN20080318_113358_000000552067_00009_31626_4129.N1	18-MAR-2008 11:33:58	Dark	54.500	4	Alp1Cen	-0.010000	5800.0	109	31626	No
115	GOM_NL__2PRFIN20080318_113606_000000322067_00009_31626_4130.N1	18-MAR-2008 11:36:06	Dark	32.000	109	Bet Lup	2.6770	26000.	64	31626	No
116	GOM_NL__2PRFIN20080318_113719_000000442067_00009_31626_4131.N1	18-MAR-2008 11:37:19	Dark	43.500	20	Bet Cru	1.2530	30000.	87	31626	No
117	GOM_NL__2PRFIN20080318_114004_000000412067_00009_31626_4132.N1	18-MAR-2008 11:40:04	Straylight	40.500	64	Gam Cen	2.2000	10600.	81	31626	No
118	GOM_NL__2PRFIN20080318_114220_000000462067_00009_31626_4133.N1	18-MAR-2008 11:42:20	Straylight	46.000	123	lot Cen	2.7500	10200.	92	31626	No
119	GOM_NL__2PRFIN20080318_114757_000000522067_00009_31626_4134.N1	18-MAR-2008 11:47:57	Straylight	52.000	106	9Bet Crv	2.6480	5600.0	104	31626	No
120	GOM_NL__2PRFIN20080318_115011_000000482067_00009_31626_4135.N1	18-MAR-2008 11:50:11	Twilight	47.500	100	4Gam Crv	2.5800	13100.	95	31626	No
121	GOM_NL__2PRFIN20080318_115932_000000382067_00009_31626_4136.N1	18-MAR-2008 11:59:32	Bright	37.500	22	32Alp Leo	1.3600	15200.	75	31626	No
122	GOM_NL__2PRFIN20080318_120144_000000372067_00009_31626_4137.N1	18-MAR-2008 12:01:44	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31626	No
123	GOM_NL__2PRFIN20080318_120918_000000402067_00009_31626_4138.N1	18-MAR-2008 12:09:18	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	31626	No
124	GOM_NL__2PRFIN20080318_121232_000000382067_00009_31626_4139.N1	18-MAR-2008 12:12:32	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	31626	No
125	GOM_NL__2PRFIN20080318_121402_000000382067_00009_31626_4140.N1	18-MAR-2008 12:14:02	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	31626	No
126	GOM_NL__2PRFIN20080318_122101_000000392067_00009_31626_4141.N1	18-MAR-2008 12:21:01	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	31626	No
127	GOM_NL__2PRFIN20080318_122923_000000342067_00009_31626_4142.N1	18-MAR-2008 12:29:23	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31626	No
128	GOM_NL__2PRFIN20080318_123431_000000392067_00009_31626_4143.N1	18-MAR-2008 12:34:31	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	31626	No
129	GOM_NL__2PRFIN20080318_123605_000000372067_00009_31626_4144.N1	18-MAR-2008 12:36:05	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31626	No
130	GOM_NL__2PRFIN20080318_123751_000000372067_00009_31626_4145.N1	18-MAR-2008 12:37:51	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	31626	No
131	GOM_NL__2PRFIN20080318_124623_000000542067_00009_31626_4146.N1	18-MAR-2008 12:46:23	Twilight	53.500	11	53Alp Aql	0.76500	8000.0	107	31626	No
132	GOM_NL__2PRFIN20080318_125649_000000482067_00009_31626_4147.N1	18-MAR-2008 12:56:49	Dark	47.500	155	41Pi Sgr	2.9000	6600.0	95	31626	No
133	GOM_NL__2PRFIN20080318_125853_000000462067_00009_31626_4148.N1	18-MAR-2008 12:58:53	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	31626	No
134	GOM_NL__2PRFIN20080318_130025_000000402067_00009_31626_4149.N1	18-MAR-2008 13:00:25	Dark	40.000	137	22Lam Sgr	2.8240	4400.0	80	31626	No
135	GOM_NL__2PRFIN20080318_130224_000000562067_00009_31626_4150.N1	18-MAR-2008 13:02:24	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	31626	No
136	GOM_NL__2PRFIN20080318_130813_000000422067_00010_31627_4164.N1	18-MAR-2008 13:08:13	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31627	No
137	GOM_NL__2PRFIN20080318_131151_000000382067_00010_31627_4165.N1	18-MAR-2008 13:11:51	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31627	No
138	GOM_NL__2PRFIN20080318_131434_000000492067_00010_31627_4166.N1	18-MAR-2008 13:14:34	Dark	49.000	4	Alp1Cen	-0.010000	5800.0	98	31627	No
139	GOM_NL__2PRFIN20080318_131643_000000322067_00010_31627_4167.N1	18-MAR-2008 13:16:43	Dark	32.000	109	Bet Lup	2.6770	26000.	64	31627	No
140	GOM_NL__2PRFIN20080318_131755_000000442067_00010_31627_4168.N1	18-MAR-2008 13:17:55	Dark	43.500	20	Bet Cru	1.2530	30000.	87	31627	No
141	GOM_NL__2PRFIN20080318_132040_000000402067_00010_31627_4169.N1	18-MAR-2008 13:20:40	Straylight	39.500	64	Gam Cen	2.2000	10600.	79	31627	No
142	GOM_NL__2PRFIN20080318_132257_000000482067_00010_31627_4170.N1	18-MAR-2008 13:22:57	Straylight	48.000	123	lot Cen	2.7500	10200.	96	31627	No
143	GOM_NL__2PRFIN20080318_132833_000000512067_00010_31627_4171.N1	18-MAR-2008 13:28:33	Straylight	50.500	106	9Bet Crv	2.6480	5600.0	101	31627	No
144	GOM_NL__2PRFIN20080318_133048_000000472067_00010_31627_4172.N1	18-MAR-2008 13:30:48	Twilight	46.500	100	4Gam Crv	2.5800	13100.	93	31627	No
145	GOM_NL__2PRFIN20080318_134011_000000342067_00010_31627_4173.N1	18-MAR-2008 13:40:11	Bright	34.000	22	32Alp Leo	1.3600	15200.	68	31627	No
146	GOM_NL__2PRFIN20080318_134220_000000372067_00010_31627_4174.N1	18-MAR-2008 13:42:20	Bright	36.500	51	41Gam1Leo	2.0100	4500.0	73	31627	No
147	GOM_NL__2PRFIN20080318_134954_000000402067_00010_31627_4175.N1	18-MAR-2008 13:49:54	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	31627	No
148	GOM_NL__2PRFIN20080318_135308_000000432067_00010_31627_4176.N1	18-MAR-2008 13:53:08	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	31627	No
149	GOM_NL__2PRFIN20080318_135438_000000392067_00010_31627_4177.N1	18-MAR-2008 13:54:38	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	31627	No
150	GOM_NL__2PRFIN20080318_140137_000000412067_00010_31627_4178.N1	18-MAR-2008 14:01:37	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	31627	No
151	GOM_NL__2PRFIN20080318_140959_000000362067_00010_31627_4179.N1	18-MAR-2008 14:09:59	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31627	No
152	GOM_NL__2PRFIN20080318_141507_000000382067_00010_31627_4180.N1	18-MAR-2008 14:15:07	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	31627	No
153	GOM_NL__2PRFIN20080318_141641_000000392067_00010_31627_4181.N1	18-MAR-2008 14:16:41	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	31627	No
154	GOM_NL__2PRFIN20080318_141827_000000382067_00010_31627_4182.N1	18-MAR-2008 14:18:27	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	31627	No
155	GOM_NL__2PRFIN20080318_142700_000000532067_00010_31627_4183.N1	18-MAR-2008 14:27:00	Twilight	53.000	11	53Alp Aql	0.76500	8000.0	106	31627	No
156	GOM_NL__2PRFIN20080318_143726_000000452067_00010_31627_4184.N1	18-MAR-2008 14:37:26	Dark	44.500	155	41Pi Sgr	2.9000	6600.0	89	31627	No
157	GOM_NL__2PRFIN20080318_143930_000000482067_00010_31627_4185.N1	18-MAR-2008 14:39:30	Dark	47.500	57	34Sig Sgr	2.0660	26000.	95	31627	No
158	GOM_NL__2PRFIN20080318_144102_000000402067_00010_31627_4186.N1	18-MAR-2008 14:41:02	Dark	40.000	137	22Lam Sgr	2.8240	4400.0	80	31627	No
159	GOM_NL__2PRFIN20080318_144301_000000482067_00010_31627_4187.N1	18-MAR-2008 14:43:01	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	31627	No
160	GOM_NL__2PRFIN20080318_144850_000000442067_00011_31628_4192.N1	18-MAR-2008 14:48:50	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	31628	No



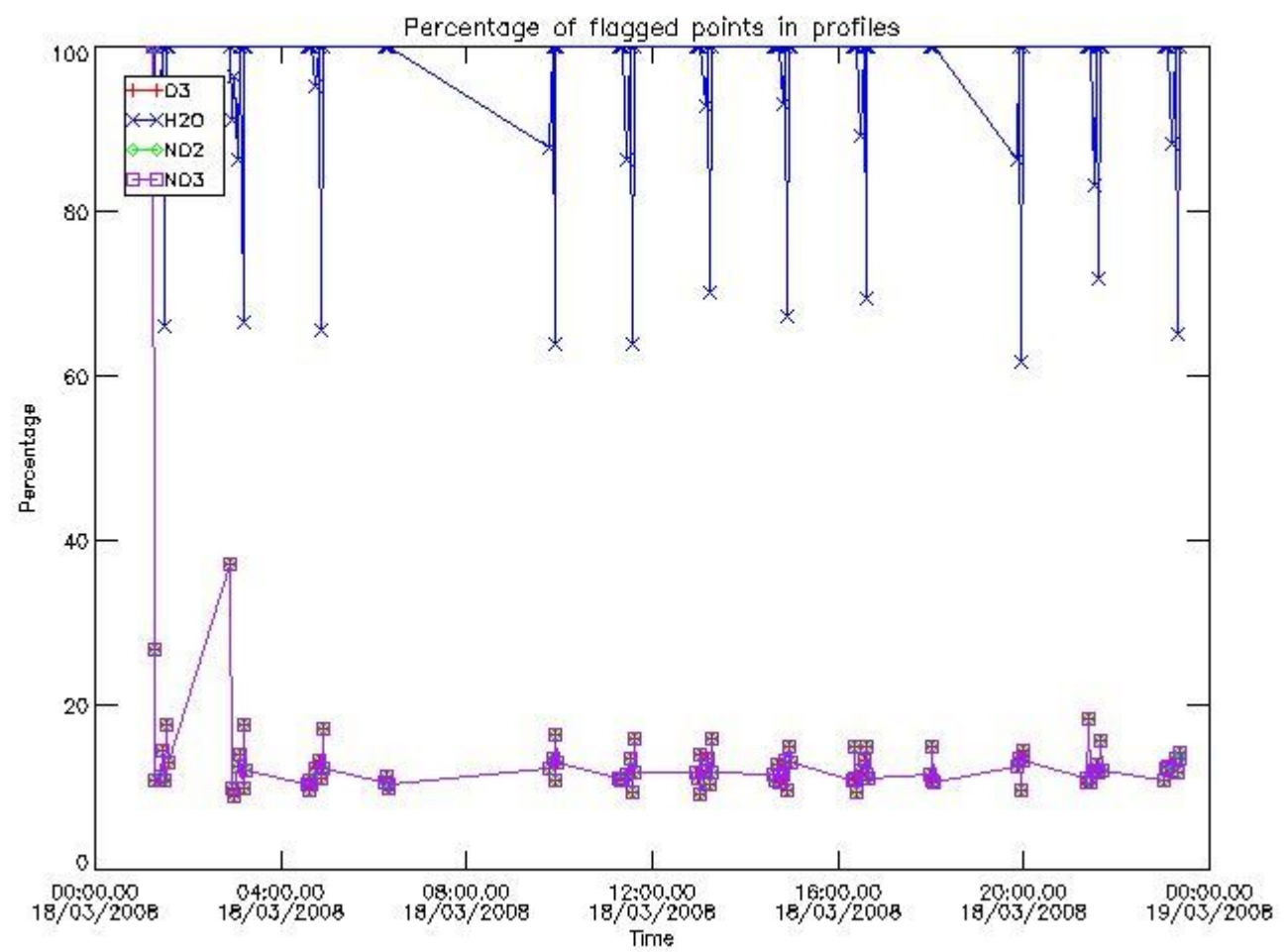
161	GOM_NL__2PRFIN20080318_145227_000000392067_00011_31628_4193.N1	18-MAR-2008 14:52:27	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31628	No
162	GOM_NL__2PRFIN20080318_145511_000000532067_00011_31628_4194.N1	18-MAR-2008 14:55:11	Dark	52.500	4	Alp1Cen	-0.010000	5800.0	105	31628	No
163	GOM_NL__2PRFIN20080318_145720_000000342067_00011_31628_4195.N1	18-MAR-2008 14:57:20	Dark	34.000	109	Bet Lup	2.6770	26000.	68	31628	No
164	GOM_NL__2PRFIN20080318_145831_000000392067_00011_31628_4196.N1	18-MAR-2008 14:58:31	Dark	39.000	20	Bet Cru	1.2530	30000.	78	31628	No
165	GOM_NL__2PRFIN20080318_150116_000000412067_00011_31628_4197.N1	18-MAR-2008 15:01:16	Straylight	40.500	64	Gam Cen	2.2000	10600.	81	31628	No
166	GOM_NL__2PRFIN20080318_150333_000000502067_00011_31628_4198.N1	18-MAR-2008 15:03:33	Straylight	49.500	123	lot Cen	2.7500	10200.	99	31628	No
167	GOM_NL__2PRFIN20080318_150909_000000522067_00011_31628_4199.N1	18-MAR-2008 15:09:09	Straylight	51.500	106	9Bet Crv	2.6480	5600.0	103	31628	No
168	GOM_NL__2PRFIN20080318_151124_000000482067_00011_31628_4200.N1	18-MAR-2008 15:11:24	Tw_i_and_stray	48.000	100	4Gam Crv	2.5800	13100.	96	31628	No
169	GOM_NL__2PRFIN20080318_152256_000000372067_00011_31628_4201.N1	18-MAR-2008 15:22:56	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31628	No
170	GOM_NL__2PRFIN20080318_153030_000000372067_00011_31628_4202.N1	18-MAR-2008 15:30:30	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	31628	No
171	GOM_NL__2PRFIN20080318_153343_000000362067_00011_31628_4203.N1	18-MAR-2008 15:33:43	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	31628	No
172	GOM_NL__2PRFIN20080318_153514_000000392067_00011_31628_4204.N1	18-MAR-2008 15:35:14	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	31628	No
173	GOM_NL__2PRFIN20080318_154213_000000402067_00011_31628_4205.N1	18-MAR-2008 15:42:13	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	31628	No
174	GOM_NL__2PRFIN20080318_155035_000000372067_00011_31628_4206.N1	18-MAR-2008 15:50:35	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31628	No
175	GOM_NL__2PRFIN20080318_155543_000000362067_00011_31628_4207.N1	18-MAR-2008 15:55:43	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	31628	No
176	GOM_NL__2PRFIN20080318_155717_000000392067_00011_31628_4208.N1	18-MAR-2008 15:57:17	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	31628	No
177	GOM_NL__2PRFIN20080318_155903_000000372067_00011_31628_4209.N1	18-MAR-2008 15:59:03	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	31628	No
178	GOM_NL__2PRFIN20080318_160736_000000552067_00011_31628_4210.N1	18-MAR-2008 16:07:36	Tw_i_and_stray	54.500	11	53Alp Aql	0.76500	8000.0	109	31628	No
179	GOM_NL__2PRFIN20080318_161803_000000472067_00011_31628_4211.N1	18-MAR-2008 16:18:03	Dark	46.500	155	41Pi Sgr	2.9000	6600.0	93	31628	No
180	GOM_NL__2PRFIN20080318_162007_000000462067_00011_31628_4212.N1	18-MAR-2008 16:20:07	Dark	46.000	57	34Sig Sgr	2.0660	26000.	92	31628	No
181	GOM_NL__2PRFIN20080318_162139_000000342067_00011_31628_4213.N1	18-MAR-2008 16:21:39	Dark	34.000	137	22Lam Sgr	2.8240	4400.0	68	31628	No
182	GOM_NL__2PRFIN20080318_162338_000000542067_00011_31628_4214.N1	18-MAR-2008 16:23:38	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	31628	No
183	GOM_NL__2PRFIN20080318_162927_000000422067_00012_31629_4207.N1	18-MAR-2008 16:29:27	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31629	No
184	GOM_NL__2PRFIN20080318_163304_000000392067_00012_31629_4208.N1	18-MAR-2008 16:33:04	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31629	No
185	GOM_NL__2PRFIN20080318_163547_000000452067_00012_31629_4209.N1	18-MAR-2008 16:35:47	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	31629	No
186	GOM_NL__2PRFIN20080318_163757_000000342067_00012_31629_4210.N1	18-MAR-2008 16:37:57	Dark	34.000	109	Bet Lup	2.6770	26000.	68	31629	No
187	GOM_NL__2PRFIN20080318_163908_000000462067_00012_31629_4211.N1	18-MAR-2008 16:39:08	Dark	45.500	20	Bet Cru	1.2530	30000.	91	31629	No
188	GOM_NL__2PRFIN20080318_164153_000000402067_00012_31629_4212.N1	18-MAR-2008 16:41:53	Straylight	39.500	64	Gam Cen	2.2000	10600.	79	31629	No
189	GOM_NL__2PRFIN20080318_164410_000000492067_00012_31629_4213.N1	18-MAR-2008 16:44:10	Straylight	48.500	123	lot Cen	2.7500	10200.	97	31629	No
190	GOM_NL__2PRFIN20080318_164945_000000512067_00012_31629_4214.N1	18-MAR-2008 16:49:45	Straylight	51.000	106	9Bet Crv	2.6480	5600.0	102	31629	No
191	GOM_NL__2PRFIN20080318_165200_000000502067_00012_31629_4215.N1	18-MAR-2008 16:52:00	Tw_i_and_stray	49.500	100	4Gam Crv	2.5800	13100.	99	31629	No
192	GOM_NL__2PRFIN20080318_170332_000000372067_00012_31629_4216.N1	18-MAR-2008 17:03:32	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31629	No
193	GOM_NL__2PRFIN20080318_171105_000000382067_00012_31629_4217.N1	18-MAR-2008 17:11:05	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	31629	No
194	GOM_NL__2PRFIN20080318_171419_000000372067_00012_31629_4218.N1	18-MAR-2008 17:14:19	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	31629	No
195	GOM_NL__2PRFIN20080318_171549_000000402067_00012_31629_4219.N1	18-MAR-2008 17:15:49	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	31629	No
196	GOM_NL__2PRFIN20080318_172248_000000412067_00012_31629_4220.N1	18-MAR-2008 17:22:48	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	31629	No
197	GOM_NL__2PRFIN20080318_173111_000000372067_00012_31629_4221.N1	18-MAR-2008 17:31:11	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31629	No
198	GOM_NL__2PRFIN20080318_173619_000000372067_00012_31629_4222.N1	18-MAR-2008 17:36:19	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	31629	No
199	GOM_NL__2PRFIN20080318_173754_000000382067_00012_31629_4223.N1	18-MAR-2008 17:37:54	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	31629	No
200	GOM_NL__2PRFIN20080318_173939_000000382067_00012_31629_4224.N1	18-MAR-2008 17:39:39	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	31629	No
201	GOM_NL__2PRFIN20080318_174813_000000592067_00012_31629_4225.N1	18-MAR-2008 17:48:13	Tw_i_and_stray	58.500	11	53Alp Aql	0.76500	8000.0	117	31629	No
202	GOM_NL__2PRFIN20080318_175840_000000452067_00012_31629_4226.N1	18-MAR-2008 17:58:40	Dark	44.500	155	41Pi Sgr	2.9000	6600.0	89	31629	No
203	GOM_NL__2PRFIN20080318_180044_000000472067_00012_31629_4227.N1	18-MAR-2008 18:00:44	Dark	46.500	57	34Sig Sgr	2.0660	26000.	93	31629	No
204	GOM_NL__2PRFIN20080318_180217_000000342067_00012_31629_4228.N1	18-MAR-2008 18:02:17	Dark	34.000	137	22Lam Sgr	2.8240	4400.0	68	31629	No
205	GOM_NL__2PRFIN20080318_180415_000000482067_00012_31629_4229.N1	18-MAR-2008 18:04:15	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	31629	No
206	GOM_NL__2PRFIN20080318_195040_000000412067_00014_31631_4323.N1	18-MAR-2008 19:50:40	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	31631	No
207	GOM_NL__2PRFIN20080318_195417_000000382067_00014_31631_4324.N1	18-MAR-2008 19:54:17	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31631	No
208	GOM_NL__2PRFIN20080318_195701_000000532067_00014_31631_4325.N1	18-MAR-2008 19:57:01	Dark	52.500	4	Alp1Cen	-0.010000	5800.0	105	31631	No
209	GOM_NL__2PRFIN20080318_195910_000000352067_00014_31631_4326.N1	18-MAR-2008 19:59:10	Dark	35.000	109	Bet Lup	2.6770	26000.	70	31631	No
210	GOM_NL__2PRFIN20080318_200020_000000392067_00014_31631_4327.N1	18-MAR-2008 20:00:20	Dark	38.500	20	Bet Cru	1.2530	30000.	77	31631	No
211	GOM_NL__2PRFIN20080318_200305_000000402067_00014_31631_4328.N1	18-MAR-2008 20:03:05	Straylight	39.500	64	Gam Cen	2.2000	10600.	79	31631	No
212	GOM_NL__2PRFIN20080318_200523_000000482067_00014_31631_4329.N1	18-MAR-2008 20:05:23	Straylight	47.500	123	lot Cen	2.7500	10200.	95	31631	No
213	GOM_NL__2PRFIN20080318_201058_000000552067_00014_31631_4330.N1	18-MAR-2008 20:10:58	Straylight	54.500	106	9Bet Crv	2.6480	5600.0	109	31631	No
214	GOM_NL__2PRFIN20080318_201312_000000492067_00014_31631_4331.N1	18-MAR-2008 20:13:12	Tw_i_and_stray	48.500	100	4Gam Crv	2.5800	13100.	97	31631	No
215	GOM_NL__2PRFIN20080318_202444_000000372067_00014_31631_4332.N1	18-MAR-2008 20:24:44	Bright	36.500	51	41Gam1Leo	2.0100	4500.0	73	31631	No
216	GOM_NL__2PRFIN20080318_203217_000000392067_00014_31631_4333.N1	18-MAR-2008 20:32:17	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	31631	No
217	GOM_NL__2PRFIN20080318_203531_000000352067_00014_31631_4334.N1	18-MAR-2008 20:35:31	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	31631	No
218	GOM_NL__2PRFIN20080318_203701_000000392067_00014_31631_4335.N1	18-MAR-2008 20:37:01	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	31631	No
219	GOM_NL__2PRFIN20080318_204400_000000422067_00014_31631_4336.N1	18-MAR-2008 20:44:00	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	31631	No

220	GOM_NL__2PRFIN20080318_205223_000000332067_00014_31631_4337.N1	18-MAR-2008 20:52:23	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	31631	No
221	GOM_NL__2PRFIN20080318_205731_000000382067_00014_31631_4338.N1	18-MAR-2008 20:57:31	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	31631	No
222	GOM_NL__2PRFIN20080318_205905_000000362067_00014_31631_4339.N1	18-MAR-2008 20:59:05	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	31631	No
223	GOM_NL__2PRFIN20080318_210051_000000382067_00014_31631_4340.N1	18-MAR-2008 21:00:51	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	31631	No
224	GOM_NL__2PRFIN20080318_210925_000000572067_00014_31631_4341.N1	18-MAR-2008 21:09:25	Tw_i_and_stray	57.000	11	53Alp Aql	0.76500	8000.0	114	31631	No
225	GOM_NL__2PRFIN20080318_211953_000000462067_00014_31631_4342.N1	18-MAR-2008 21:19:53	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	31631	No
226	GOM_NL__2PRFIN20080318_212158_000000482067_00014_31631_4343.N1	18-MAR-2008 21:21:58	Dark	48.000	57	34Sig Sgr	2.0660	26000.	96	31631	No
227	GOM_NL__2PRFIN20080318_212331_000000282067_00014_31631_4344.N1	18-MAR-2008 21:23:31	Dark	28.000	137	22Lam Sgr	2.8240	4400.0	56	31631	No
228	GOM_NL__2PRFIN20080318_212529_000000482067_00014_31631_4345.N1	18-MAR-2008 21:25:29	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	31631	No
229	GOM_NL__2PRFIN20080318_213117_000000422067_00015_31632_4334.N1	18-MAR-2008 21:31:17	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31632	No
230	GOM_NL__2PRFIN20080318_213453_000000402067_00015_31632_4335.N1	18-MAR-2008 21:34:53	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	31632	No
231	GOM_NL__2PRFIN20080318_213737_000000432067_00015_31632_4336.N1	18-MAR-2008 21:37:37	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	31632	No
232	GOM_NL__2PRFIN20080318_213947_000000362067_00015_31632_4337.N1	18-MAR-2008 21:39:47	Dark	36.000	109	Bet Lup	2.6770	26000.	72	31632	No
233	GOM_NL__2PRFIN20080318_214057_000000422067_00015_31632_4338.N1	18-MAR-2008 21:40:57	Dark	42.000	20	Bet Cru	1.2530	30000.	84	31632	No
234	GOM_NL__2PRFIN20080318_214342_000000422067_00015_31632_4339.N1	18-MAR-2008 21:43:42	Straylight	42.000	64	Gam Cen	2.2000	10600.	84	31632	No
235	GOM_NL__2PRFIN20080318_214559_000000492067_00015_31632_4340.N1	18-MAR-2008 21:45:59	Straylight	48.500	123	lot Cen	2.7500	10200.	97	31632	No
236	GOM_NL__2PRFIN20080318_215134_000000552067_00015_31632_4341.N1	18-MAR-2008 21:51:34	Straylight	55.000	106	9Bet Crv	2.6480	5600.0	110	31632	No
237	GOM_NL__2PRFIN20080318_215348_000000492067_00015_31632_4342.N1	18-MAR-2008 21:53:48	Tw_i_and_stray	49.000	100	4Gam Crv	2.5800	13100.	98	31632	No
238	GOM_NL__2PRFIN20080318_220520_000000382067_00015_31632_4343.N1	18-MAR-2008 22:05:20	Bright	37.500	51	41Gam1Leo	2.0100	4500.0	75	31632	No
239	GOM_NL__2PRFIN20080318_221252_000000392067_00015_31632_4344.N1	18-MAR-2008 22:12:52	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	31632	No
240	GOM_NL__2PRFIN20080318_221606_000000362067_00015_31632_4345.N1	18-MAR-2008 22:16:06	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	31632	No
241	GOM_NL__2PRFIN20080318_221737_000000352067_00015_31632_4346.N1	18-MAR-2008 22:17:37	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	31632	No
242	GOM_NL__2PRFIN20080318_222435_000000412067_00015_31632_4347.N1	18-MAR-2008 22:24:35	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	31632	No
243	GOM_NL__2PRFIN20080318_223259_000000352067_00015_31632_4348.N1	18-MAR-2008 22:32:59	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	31632	No
244	GOM_NL__2PRFIN20080318_223807_000000372067_00015_31632_4349.N1	18-MAR-2008 22:38:07	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	31632	No
245	GOM_NL__2PRFIN20080318_223941_000000372067_00015_31632_4350.N1	18-MAR-2008 22:39:41	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31632	No
246	GOM_NL__2PRFIN20080318_224127_000000382067_00015_31632_4351.N1	18-MAR-2008 22:41:27	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	31632	No
247	GOM_NL__2PRFIN20080318_225002_000000522067_00015_31632_4352.N1	18-MAR-2008 22:50:02	Tw_i_and_stray	51.500	11	53Alp Aql	0.76500	8000.0	103	31632	No
248	GOM_NL__2PRFIN20080318_230030_000000472067_00015_31632_4353.N1	18-MAR-2008 23:00:30	Dark	47.000	155	41Pi Sgr	2.9000	6600.0	94	31632	No
249	GOM_NL__2PRFIN20080318_230235_000000462067_00015_31632_4354.N1	18-MAR-2008 23:02:35	Dark	46.000	57	34Sig Sgr	2.0660	26000.	92	31632	No
250	GOM_NL__2PRFIN20080318_230606_000000492067_00015_31632_4355.N1	18-MAR-2008 23:06:06	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	31632	No
251	GOM_NL__2PRFIN20080318_231153_000000432067_00016_31633_4397.N1	18-MAR-2008 23:11:53	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	31633	No
252	GOM_NL__2PRFIN20080318_231530_000000382067_00016_31633_4398.N1	18-MAR-2008 23:15:30	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31633	No
253	GOM_NL__2PRFIN20080318_231813_000000442067_00016_31633_4399.N1	18-MAR-2008 23:18:13	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31633	No
254	GOM_NL__2PRFIN20080318_232024_000000362067_00016_31633_4400.N1	18-MAR-2008 23:20:24	Dark	36.000	109	Bet Lup	2.6770	26000.	72	31633	No
255	GOM_NL__2PRFIN20080318_232133_000000382067_00016_31633_4401.N1	18-MAR-2008 23:21:33	Dark	37.500	20	Bet Cru	1.2530	30000.	75	31633	No
256	GOM_NL__2PRFIN20080318_232418_000000452067_00016_31633_4402.N1	18-MAR-2008 23:24:18	Straylight	44.500	64	Gam Cen	2.2000	10600.	89	31633	No
257	GOM_NL__2PRFIN20080318_232636_000000482067_00016_31633_4403.N1	18-MAR-2008 23:26:36	Straylight	47.500	123	lot Cen	2.7500	10200.	95	31633	No
258	GOM_NL__2PRFIN20080318_233210_000000512067_00016_31633_4404.N1	18-MAR-2008 23:32:10	Straylight	50.500	106	9Bet Crv	2.6480	5600.0	101	31633	No
259	GOM_NL__2PRFIN20080318_233424_000000482067_00016_31633_4405.N1	18-MAR-2008 23:34:24	Tw_i_and_stray	48.000	100	4Gam Crv	2.5800	13100.	96	31633	No
260	GOM_NL__2PRFIN20080318_234555_000000372067_00016_31633_4406.N1	18-MAR-2008 23:45:55	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31633	No
261	GOM_NL__2PRFIN20080318_235328_000000392067_00016_31633_4407.N1	18-MAR-2008 23:53:28	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	31633	No
262	GOM_NL__2PRFIN20080318_235642_000000362067_00016_31633_4408.N1	18-MAR-2008 23:56:42	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	31633	No
263	GOM_NL__2PRFIN20080318_235812_000000392067_00016_31633_4409.N1	18-MAR-2008 23:58:12	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	31633	No

### 3. Quality information per product

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

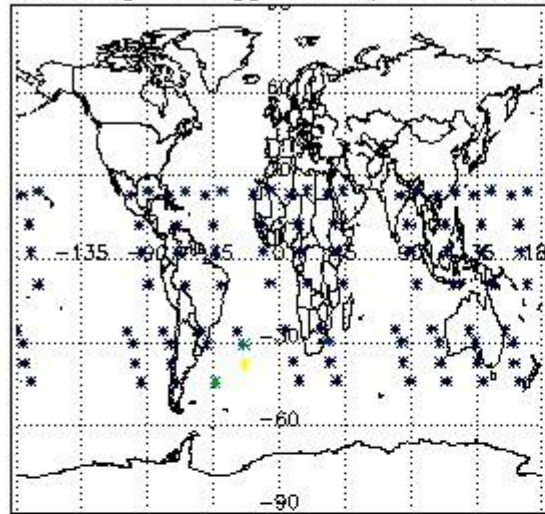
#### 3.1 Plot quality information per product (time dependant)



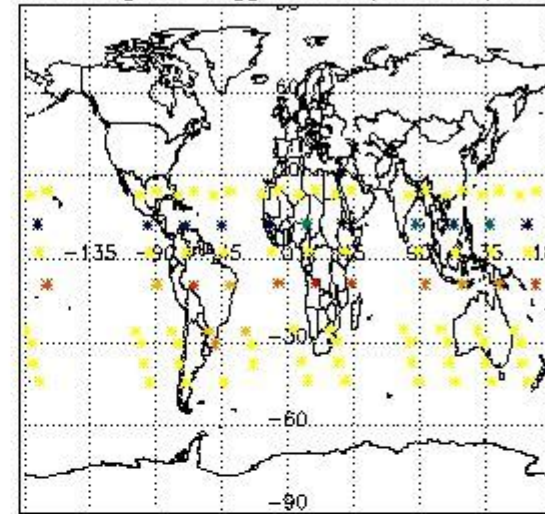
3.2 Plot quality information per product (world map)



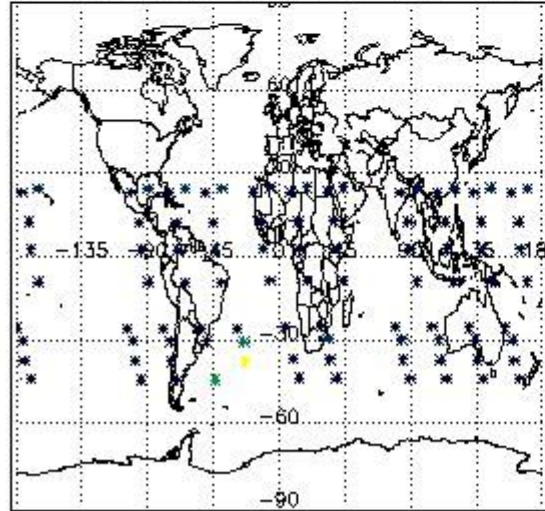
Percentage of flagged data per O3 profile



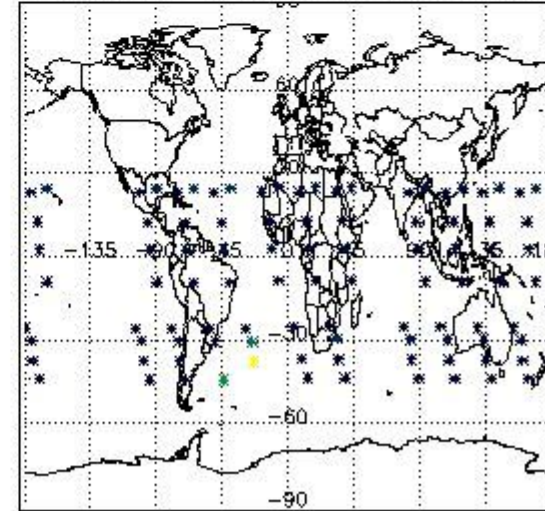
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



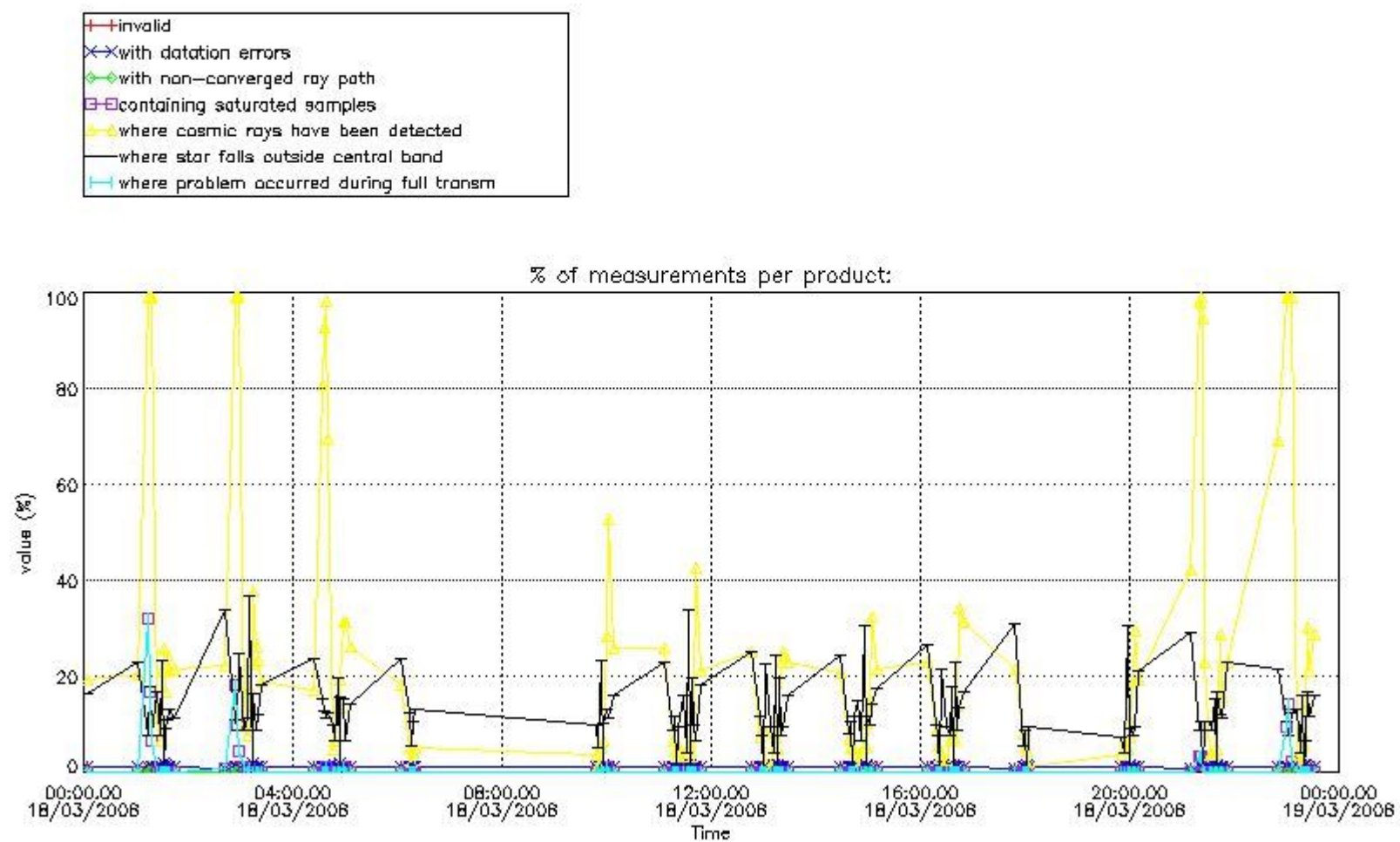
#### 4. Level 1 quality information per product

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

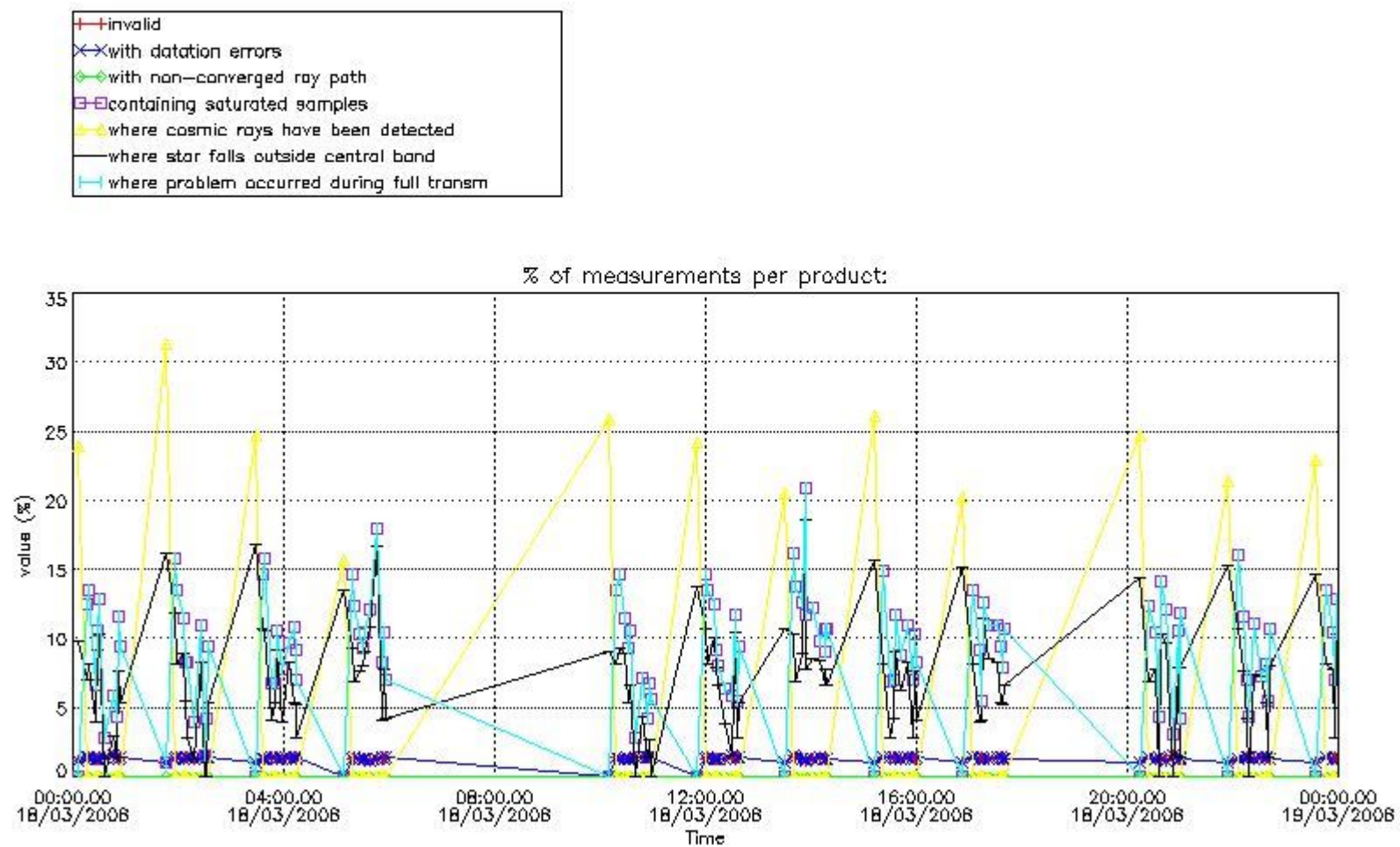
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



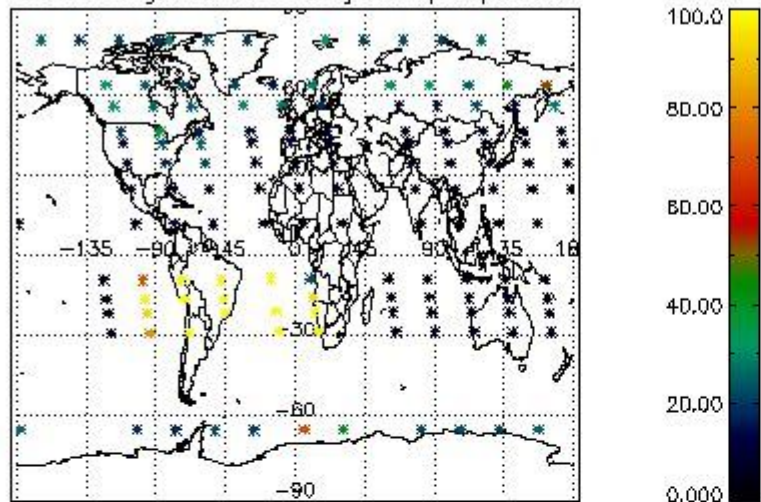


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

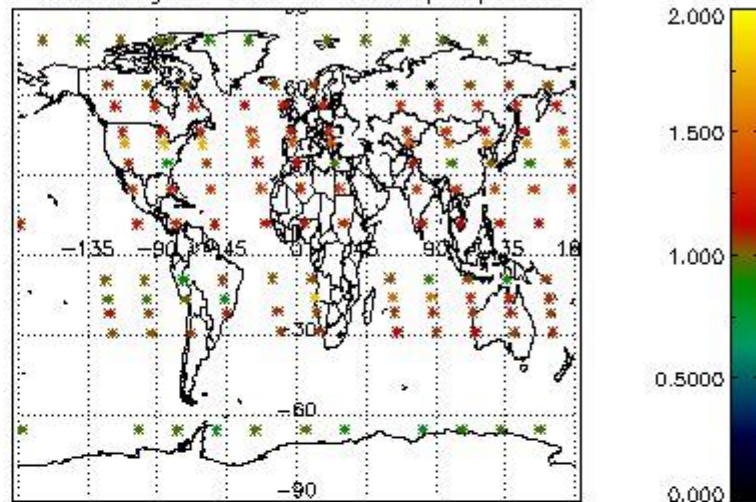


4.2 Plot quality information per product coming from level 1b processing (world map)  
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

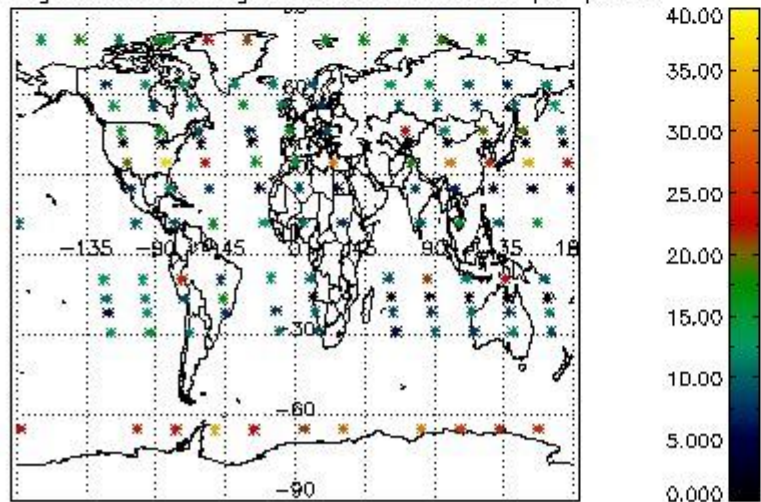
Percentage of cosmic ray hits per profile



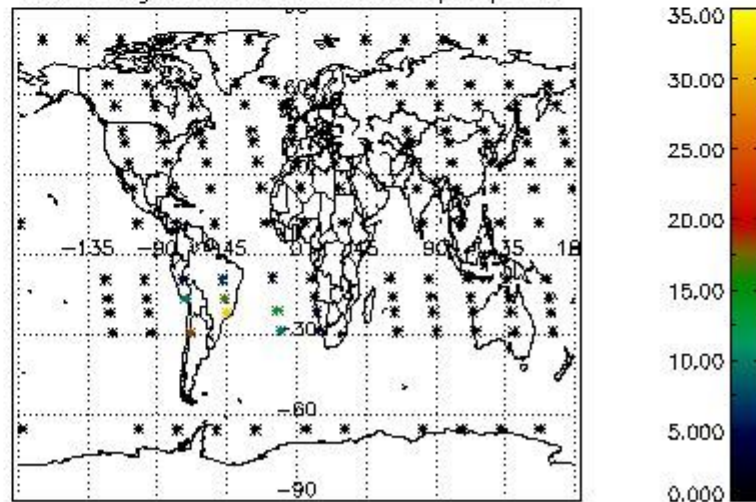
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

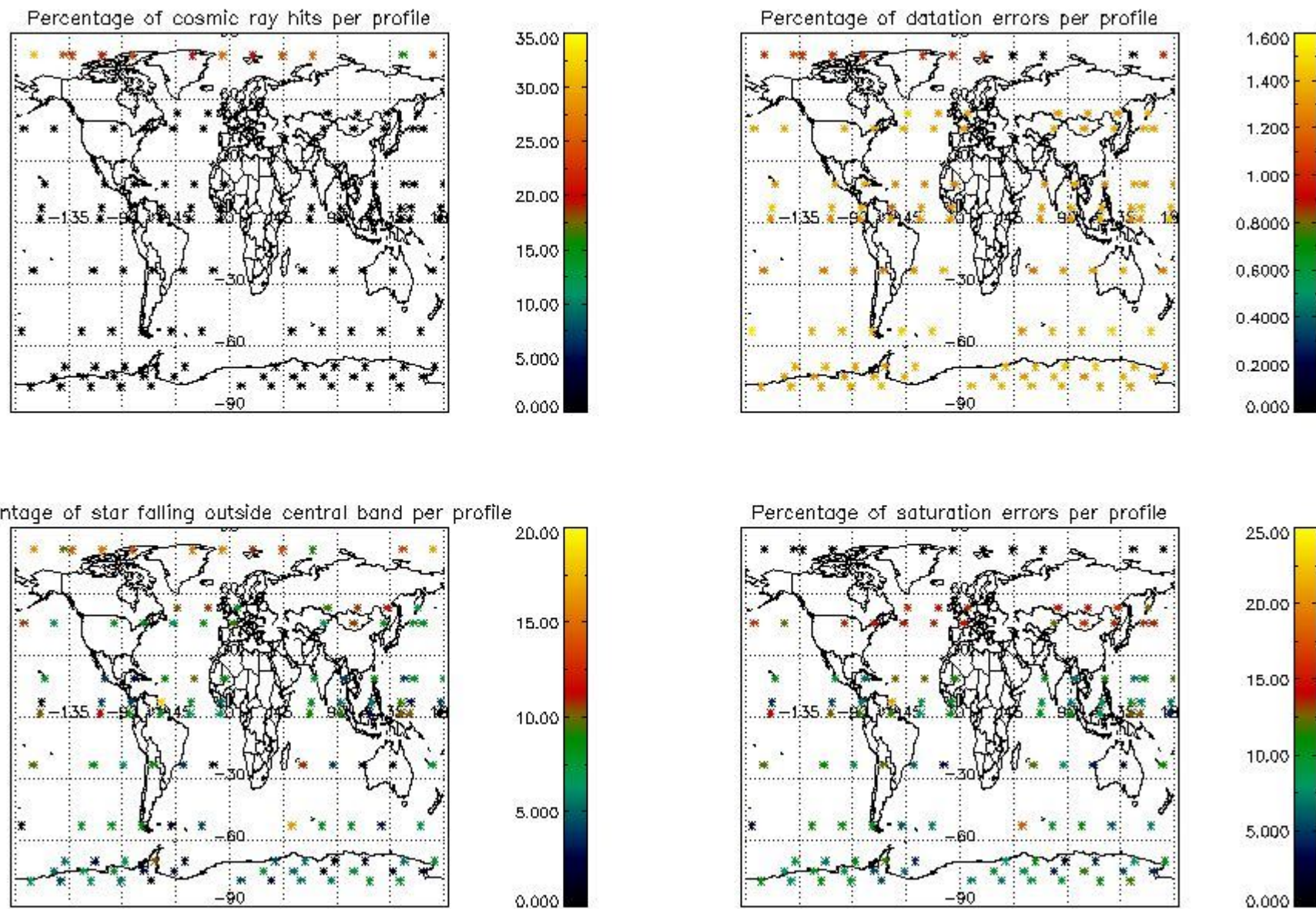


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

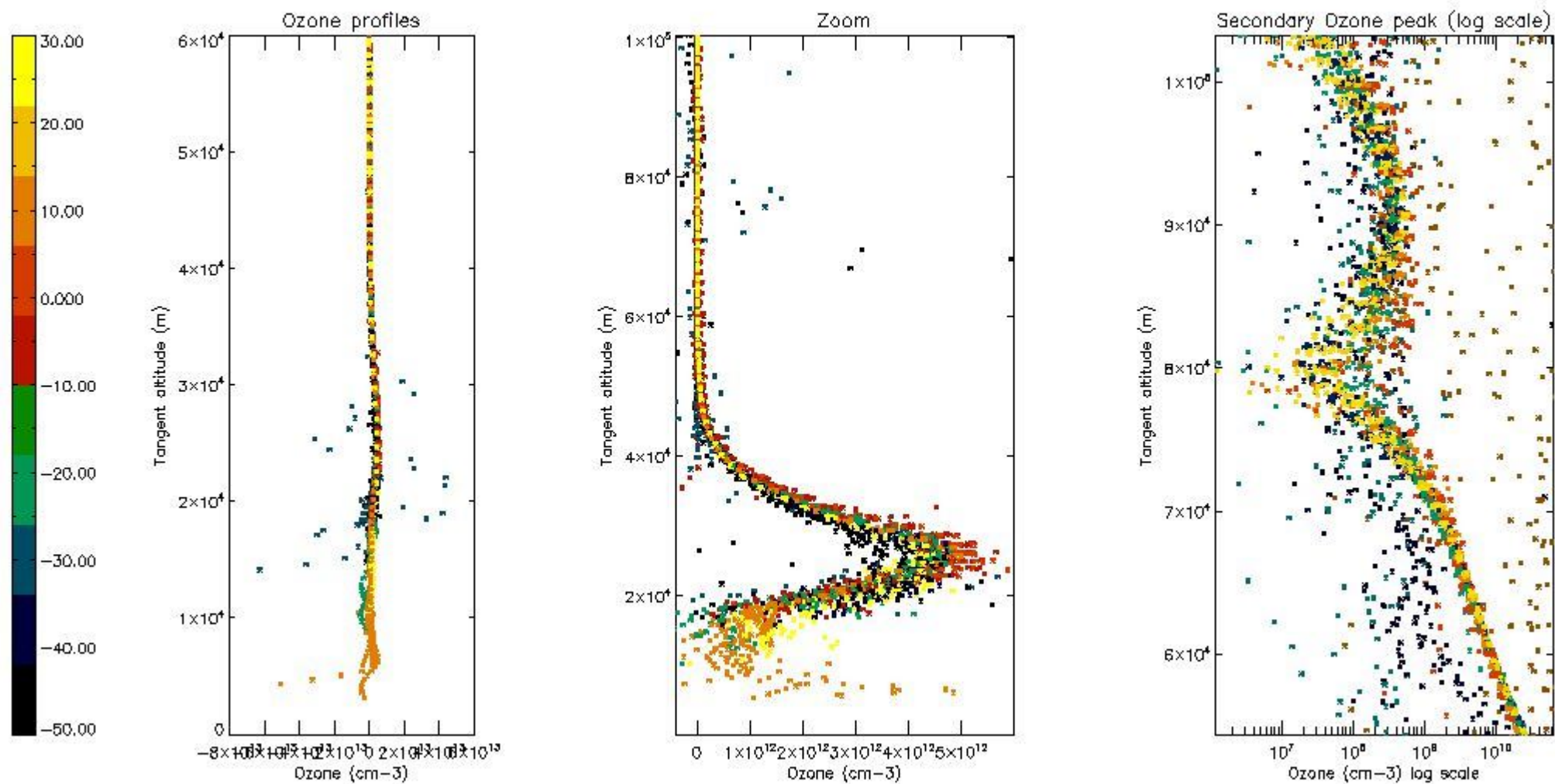
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	18

STD < 10	13
STD < 5	9

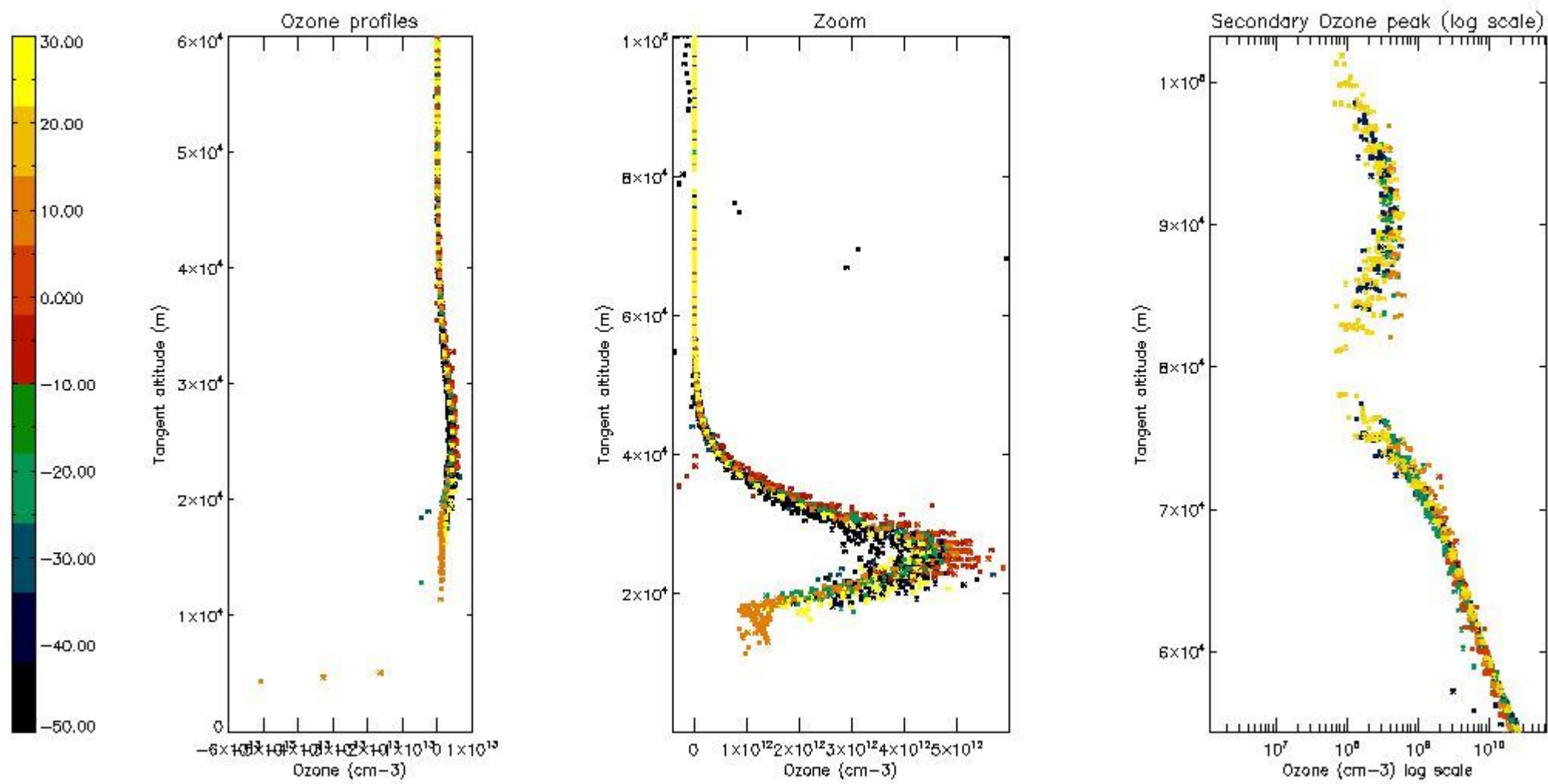
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

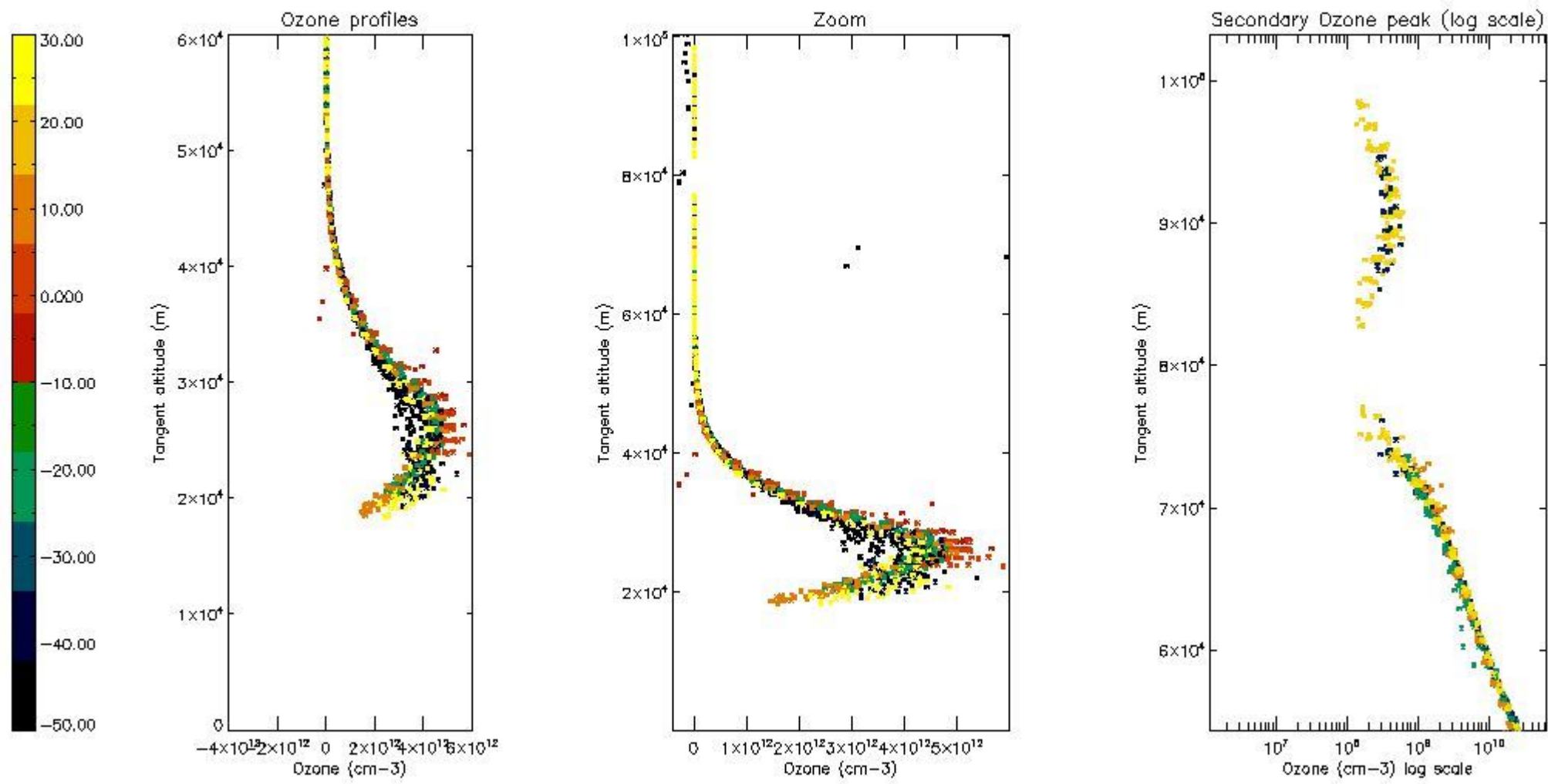
The colorbar represents the latitude.



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

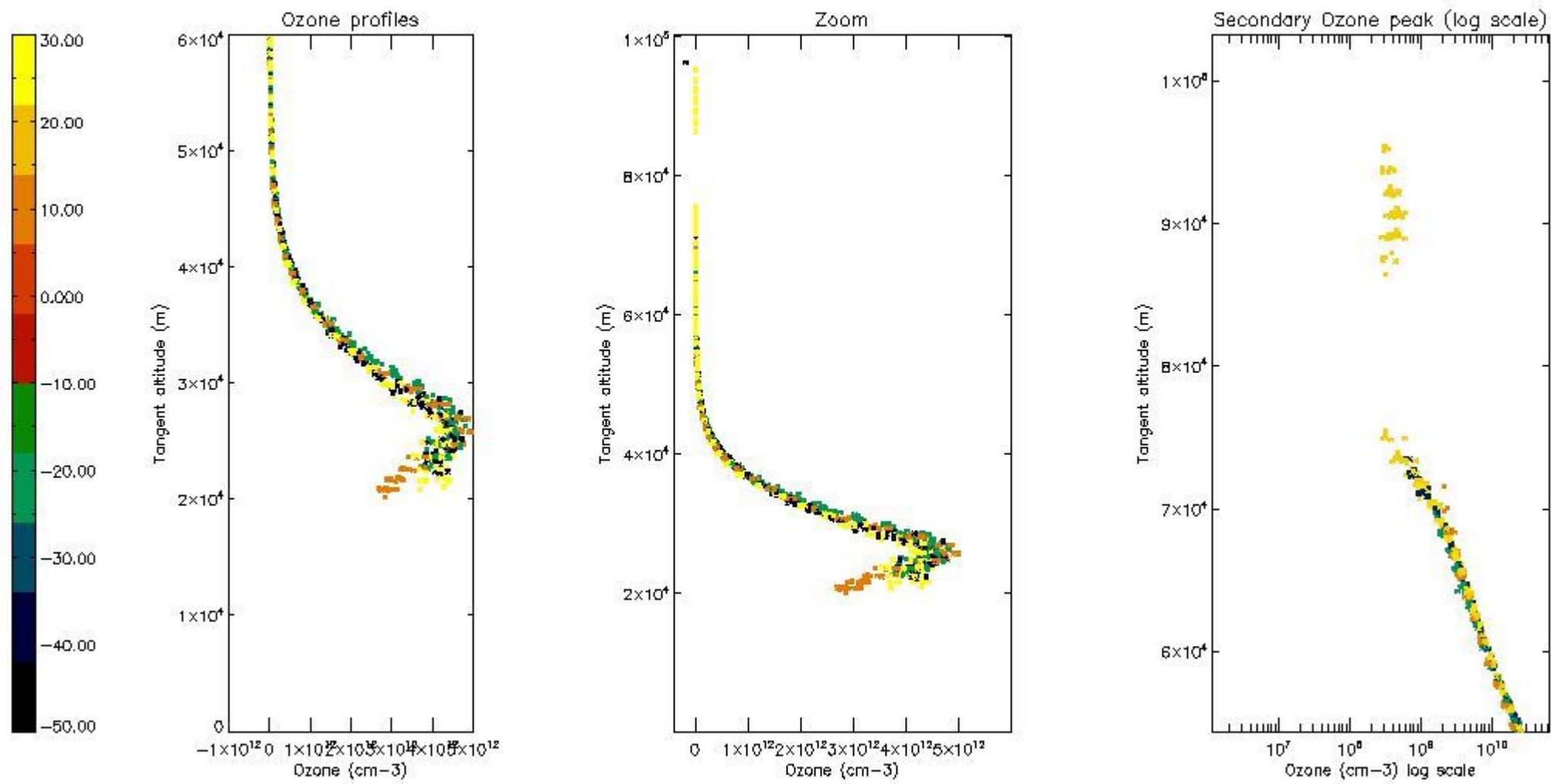
The colorbar represents the latitude.





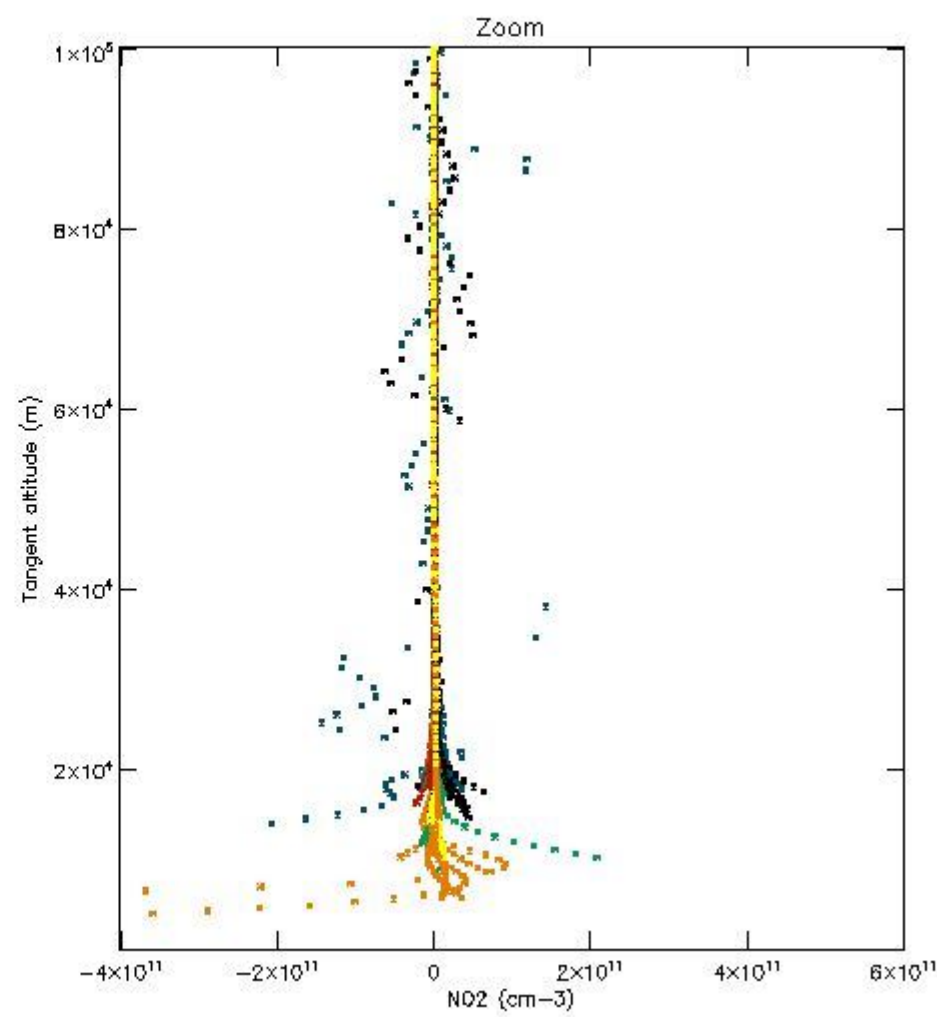
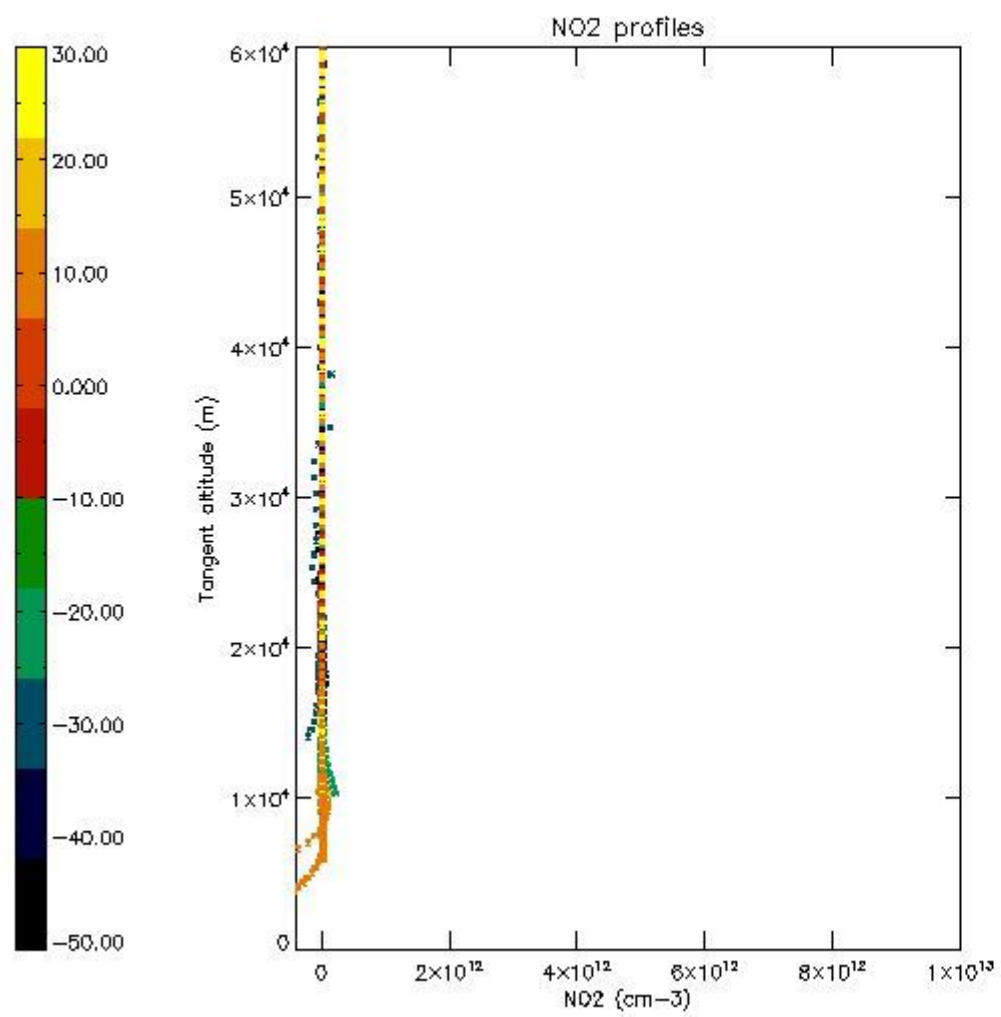
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

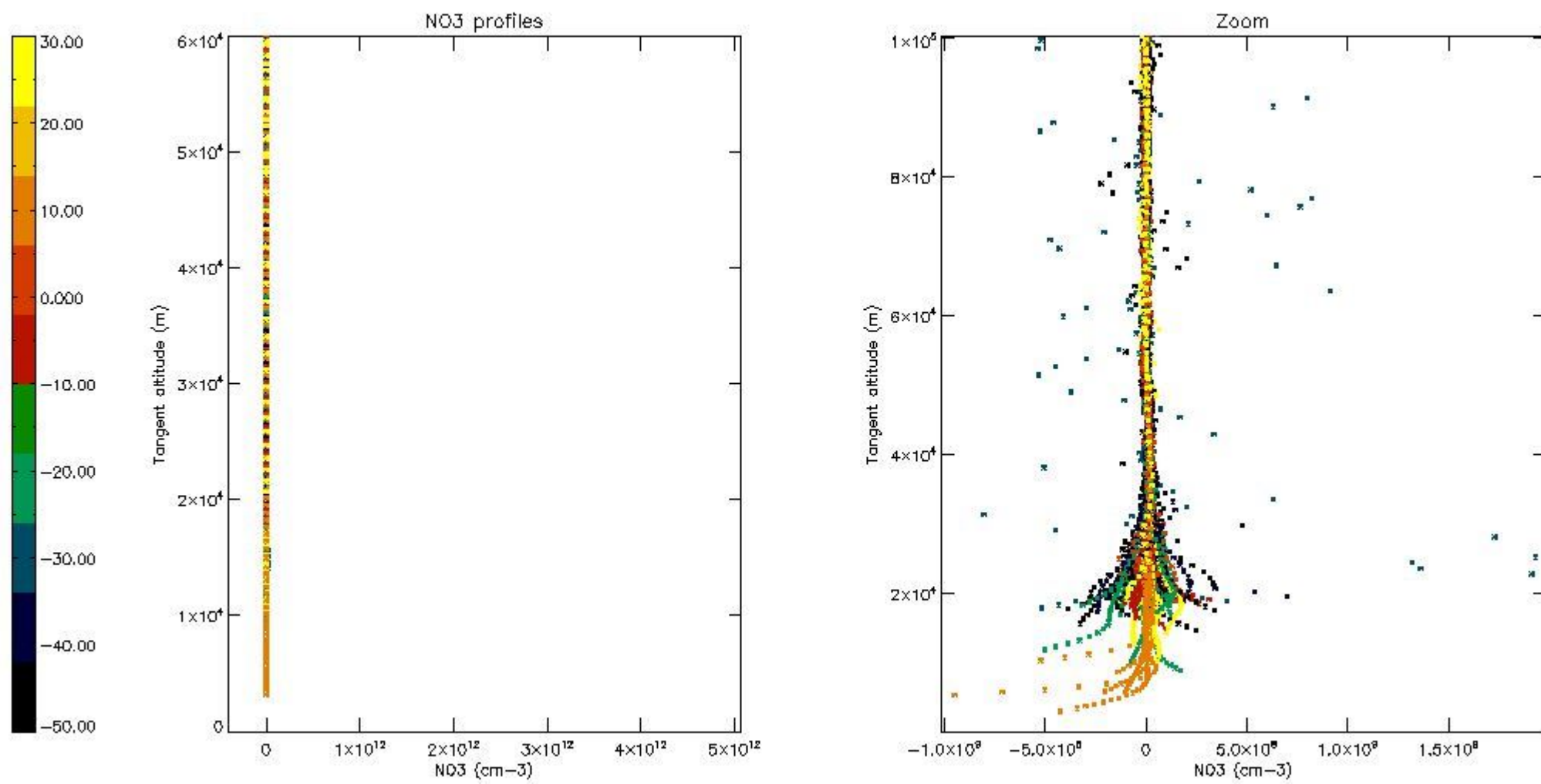
The colorbar represents the latitude.



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

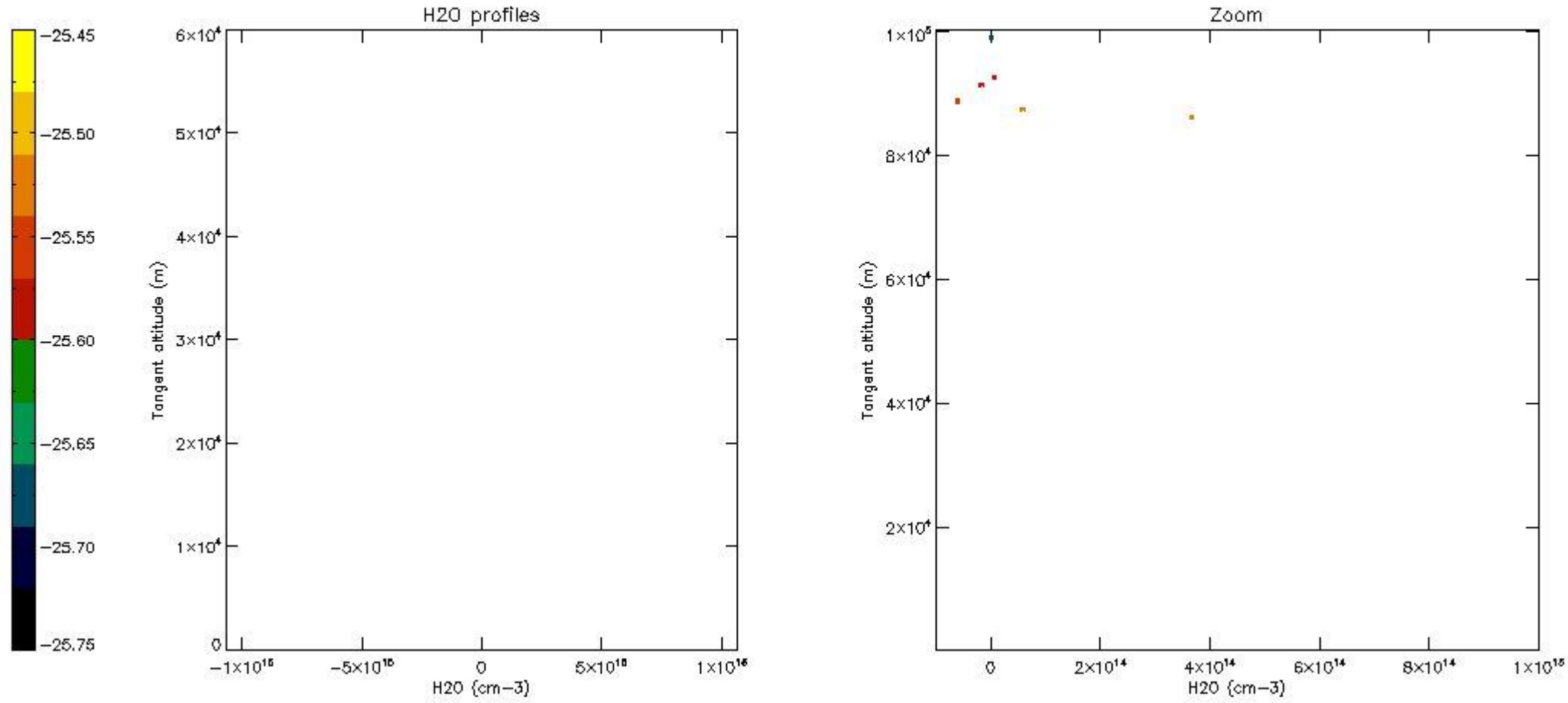
The colorbar represents the latitude.





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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-MAR-2008 00:03:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-MAR-2008 00:03:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-MAR-2008 00:03:43

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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

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

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

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

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

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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](#)

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

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

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

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

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

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

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

### [6. Auxiliary Data Files used for the production reported in section 2](#)



This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	25APR2013 11:50:35
Data source version	GOMOS/6.01
Start time of products	18-03-2008 (18MAR2008 00:00:00)
Stop time of products	19-03-2008 (19MAR2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	263
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__2PRFIN20080318_000343_00000522067_00002_31619_4070.N1	18-MAR-2008 00:03:43	Straylight	51.500	106	9Bet Crv	2.6480	5600.0	103	31619	No
2	GOM_NL__2PRFIN20080318_000559_00000462067_00002_31619_4071.N1	18-MAR-2008 00:05:59	Twilight_stray	46.000	100	4Gam Crv	2.5800	13100.	92	31619	No
3	GOM_NL__2PRFIN20080318_001520_00000362067_00002_31619_4072.N1	18-MAR-2008 00:15:20	Bright	36.000	22	32Alp Leo	1.3600	15200.	72	31619	No
4	GOM_NL__2PRFIN20080318_001732_00000372067_00002_31619_4073.N1	18-MAR-2008 00:17:32	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31619	No
5	GOM_NL__2PRFIN20080318_002509_00000382067_00002_31619_4074.N1	18-MAR-2008 00:25:09	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	31619	No
6	GOM_NL__2PRFIN20080318_002822_00000382067_00002_31619_4075.N1	18-MAR-2008 00:28:22	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	31619	No
7	GOM_NL__2PRFIN20080318_002952_00000392067_00002_31619_4076.N1	18-MAR-2008 00:29:52	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	31619	No
8	GOM_NL__2PRFIN20080318_003652_00000372067_00002_31619_4077.N1	18-MAR-2008 00:36:52	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	31619	No
9	GOM_NL__2PRFIN20080318_004511_00000342067_00002_31619_4078.N1	18-MAR-2008 00:45:11	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31619	No
10	GOM_NL__2PRFIN20080318_005019_00000352067_00002_31619_4079.N1	18-MAR-2008 00:50:19	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	31619	No
11	GOM_NL__2PRFIN20080318_005153_00000392067_00002_31619_4080.N1	18-MAR-2008 00:51:53	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	31619	No
12	GOM_NL__2PRFIN20080318_005338_00000372067_00002_31619_4081.N1	18-MAR-2008 00:53:38	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	31619	No
13	GOM_NL__2PRFIN20080318_010208_00000522067_00002_31619_4082.N1	18-MAR-2008 01:02:08	Twilight_stray	52.000	11	53Alp Aql	0.76500	8000.0	104	31619	No
14	GOM_NL__2PRFIN20080318_011435_00000462067_00002_31619_4083.N1	18-MAR-2008 01:14:35	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	31619	No
15	GOM_NL__2PRFIN20080318_011606_00000572067_00002_31619_4084.N1	18-MAR-2008 01:16:06	Dark	56.500	137	22Lam Sgr	2.8240	4400.0	113	31619	No
16	GOM_NL__2PRFIN20080318_011806_00000472067_00002_31619_4085.N1	18-MAR-2008 01:18:06	Dark	46.500	38	20Eps Sgr	1.8360	11000.	93	31619	No
17	GOM_NL__2PRFIN20080318_012357_00000452067_00003_31620_4075.N1	18-MAR-2008 01:23:57	Dark	45.000	141	Bet Ara	2.8400	4600.0	90	31620	No
18	GOM_NL__2PRFIN20080318_012735_00000392067_00003_31620_4076.N1	18-MAR-2008 01:27:35	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31620	No
19	GOM_NL__2PRFIN20080318_013019_00000482067_00003_31620_4077.N1	18-MAR-2008 01:30:19	Dark	47.500	4	Alp1Cen	-0.010000	5800.0	95	31620	No
20	GOM_NL__2PRFIN20080318_013225_00000292067_00003_31620_4078.N1	18-MAR-2008 01:32:25	Dark	29.000	109	Bet Lup	2.6770	26000.	58	31620	No
21	GOM_NL__2PRFIN20080318_013341_00000392067_00003_31620_4079.N1	18-MAR-2008 01:33:41	Dark	39.000	20	Bet Cru	1.2530	30000.	78	31620	No
22	GOM_NL__2PRFIN20080318_013625_00000412067_00003_31620_4080.N1	18-MAR-2008 01:36:25	Straylight	41.000	64	Gam Cen	2.2000	10600.	82	31620	No
23	GOM_NL__2PRFIN20080318_013841_00000502067_00003_31620_4081.N1	18-MAR-2008 01:38:41	Straylight	49.500	123	lot Cen	2.7500	10200.	99	31620	No
24	GOM_NL__2PRFIN20080318_014420_00000492067_00003_31620_4082.N1	18-MAR-2008 01:44:20	Straylight	49.000	106	9Bet Crv	2.6480	5600.0	98	31620	No
25	GOM_NL__2PRFIN20080318_014635_00000502067_00003_31620_4083.N1	18-MAR-2008 01:46:35	Twilight_stray	49.500	100	4Gam Crv	2.5800	13100.	99	31620	No
26	GOM_NL__2PRFIN20080318_015556_00000382067_00003_31620_4084.N1	18-MAR-2008 01:55:56	Bright	38.000	22	32Alp Leo	1.3600	15200.	76	31620	No
27	GOM_NL__2PRFIN20080318_015808_00000372067_00003_31620_4085.N1	18-MAR-2008 01:58:08	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31620	No
28	GOM_NL__2PRFIN20080318_020544_00000402067_00003_31620_4086.N1	18-MAR-2008 02:05:44	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	31620	No
29	GOM_NL__2PRFIN20080318_020858_00000372067_00003_31620_4087.N1	18-MAR-2008 02:08:58	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	31620	No
30	GOM_NL__2PRFIN20080318_021028_00000372067_00003_31620_4088.N1	18-MAR-2008 02:10:28	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	31620	No
31	GOM_NL__2PRFIN20080318_021728_00000382067_00003_31620_4089.N1	18-MAR-2008 02:17:28	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	31620	No
32	GOM_NL__2PRFIN20080318_022547_00000372067_00003_31620_4090.N1	18-MAR-2008 02:25:47	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31620	No
33	GOM_NL__2PRFIN20080318_023055_00000342067_00003_31620_4091.N1	18-MAR-2008 02:30:55	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31620	No
34	GOM_NL__2PRFIN20080318_023229_00000362067_00003_31620_4092.N1	18-MAR-2008 02:32:29	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	31620	No
35	GOM_NL__2PRFIN20080318_023414_00000372067_00003_31620_4093.N1	18-MAR-2008 02:34:14	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	31620	No
36	GOM_NL__2PRFIN20080318_024245_00000612067_00003_31620_4094.N1	18-MAR-2008 02:42:45	Twilight_stray	60.500	11	53Alp Aql	0.76500	8000.0	121	31620	No
37	GOM_NL__2PRFIN20080318_025308_00000472067_00003_31620_4095.N1	18-MAR-2008 02:53:08	Dark	46.500	155	41Pi Sgr	2.9000	6600.0	93	31620	No
38	GOM_NL__2PRFIN20080318_025643_00000512067_00003_31620_4096.N1	18-MAR-2008 02:56:43	Dark	51.000	137	22Lam Sgr	2.8240	4400.0	102	31620	No
39	GOM_NL__2PRFIN20080318_025843_00000572067_00003_31620_4097.N1	18-MAR-2008 02:58:43	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	31620	No
40	GOM_NL__2PRFIN20080318_030434_00000412067_00004_31621_4078.N1	18-MAR-2008 03:04:34	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	31621	No
41	GOM_NL__2PRFIN20080318_030812_00000402067_00004_31621_4079.N1	18-MAR-2008 03:08:12	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	31621	No
42	GOM_NL__2PRFIN20080318_031056_00000572067_00004_31621_4080.N1	18-MAR-2008 03:10:56	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	31621	No

43	GOM_NL__2PRFIN20080318_031302_000000292067_00004_31621_4081.N1	18-MAR-2008 03:13:02	Dark	29.000	109	Bet Lup	2.6770	26000.	58	31621	No
44	GOM_NL__2PRFIN20080318_031417_000000432067_00004_31621_4082.N1	18-MAR-2008 03:14:17	Dark	42.500	20	Bet Cru	1.2530	30000.	85	31621	No
45	GOM_NL__2PRFIN20080318_031702_000000402067_00004_31621_4083.N1	18-MAR-2008 03:17:02	Straylight	40.000	64	Gam Cen	2.2000	10600.	80	31621	No
46	GOM_NL__2PRFIN20080318_031918_000000502067_00004_31621_4084.N1	18-MAR-2008 03:19:18	Straylight	49.500	123	lot Cen	2.7500	10200.	99	31621	No
47	GOM_NL__2PRFIN20080318_032456_000000532067_00004_31621_4085.N1	18-MAR-2008 03:24:56	Straylight	52.500	106	9Bet Crv	2.6480	5600.0	105	31621	No
48	GOM_NL__2PRFIN20080318_032711_000000512067_00004_31621_4086.N1	18-MAR-2008 03:27:11	Tw_i_and_stray	50.500	100	4Gam Crv	2.5800	13100.	101	31621	No
49	GOM_NL__2PRFIN20080318_033632_000000382067_00004_31621_4087.N1	18-MAR-2008 03:36:32	Bright	37.500	22	32Alp Leo	1.3600	15200.	75	31621	No
50	GOM_NL__2PRFIN20080318_033844_000000382067_00004_31621_4088.N1	18-MAR-2008 03:38:44	Bright	38.000	51	41Gam1Leo	2.0100	4500.0	76	31621	No
51	GOM_NL__2PRFIN20080318_034620_000000372067_00004_31621_4089.N1	18-MAR-2008 03:46:20	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	31621	No
52	GOM_NL__2PRFIN20080318_034933_000000372067_00004_31621_4090.N1	18-MAR-2008 03:49:33	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	31621	No
53	GOM_NL__2PRFIN20080318_035103_000000382067_00004_31621_4091.N1	18-MAR-2008 03:51:03	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	31621	No
54	GOM_NL__2PRFIN20080318_035804_000000392067_00004_31621_4092.N1	18-MAR-2008 03:58:04	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	31621	No
55	GOM_NL__2PRFIN20080318_040623_000000362067_00004_31621_4093.N1	18-MAR-2008 04:06:23	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31621	No
56	GOM_NL__2PRFIN20080318_041131_000000372067_00004_31621_4094.N1	18-MAR-2008 04:11:31	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	31621	No
57	GOM_NL__2PRFIN20080318_041306_000000382067_00004_31621_4095.N1	18-MAR-2008 04:13:06	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	31621	No
58	GOM_NL__2PRFIN20080318_041450_000000362067_00004_31621_4096.N1	18-MAR-2008 04:14:50	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	31621	No
59	GOM_NL__2PRFIN20080318_042321_000000532067_00004_31621_4097.N1	18-MAR-2008 04:23:21	Tw_i_and_stray	52.500	11	53Alp Aql	0.76500	8000.0	105	31621	No
60	GOM_NL__2PRFIN20080318_043345_000000492067_00004_31621_4098.N1	18-MAR-2008 04:33:45	Dark	49.000	155	41Pi Sgr	2.9000	6600.0	98	31621	No
61	GOM_NL__2PRFIN20080318_043549_000000482067_00004_31621_4099.N1	18-MAR-2008 04:35:49	Dark	47.500	57	34Sig Sgr	2.0660	26000.	95	31621	No
62	GOM_NL__2PRFIN20080318_043720_000000532067_00004_31621_4100.N1	18-MAR-2008 04:37:20	Dark	52.500	137	22Lam Sgr	2.8240	4400.0	105	31621	No
63	GOM_NL__2PRFIN20080318_043920_000000492067_00004_31621_4101.N1	18-MAR-2008 04:39:20	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	31621	No
64	GOM_NL__2PRFIN20080318_044510_000000422067_00005_31622_4178.N1	18-MAR-2008 04:45:10	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	31622	No
65	GOM_NL__2PRFIN20080318_044848_000000392067_00005_31622_4179.N1	18-MAR-2008 04:48:48	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31622	No
66	GOM_NL__2PRFIN20080318_045132_000000462067_00005_31622_4180.N1	18-MAR-2008 04:51:32	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	31622	No
67	GOM_NL__2PRFIN20080318_045338_000000302067_00005_31622_4181.N1	18-MAR-2008 04:53:38	Dark	30.000	109	Bet Lup	2.6770	26000.	60	31622	No
68	GOM_NL__2PRFIN20080318_045454_000000422067_00005_31622_4182.N1	18-MAR-2008 04:54:54	Dark	41.500	20	Bet Cru	1.2530	30000.	83	31622	No
69	GOM_NL__2PRFIN20080318_045738_000000432067_00005_31622_4183.N1	18-MAR-2008 04:57:38	Straylight	43.000	64	Gam Cen	2.2000	10600.	86	31622	No
70	GOM_NL__2PRFIN20080318_045954_000000472067_00005_31622_4184.N1	18-MAR-2008 04:59:54	Straylight	46.500	123	lot Cen	2.7500	10200.	93	31622	No
71	GOM_NL__2PRFIN20080318_050532_000000502067_00005_31622_4185.N1	18-MAR-2008 05:05:32	Straylight	49.500	106	9Bet Crv	2.6480	5600.0	99	31622	No
72	GOM_NL__2PRFIN20080318_050747_000000482067_00005_31622_4186.N1	18-MAR-2008 05:07:47	Tw_i_and_stray	48.000	100	4Gam Crv	2.5800	13100.	96	31622	No
73	GOM_NL__2PRFIN20080318_051708_000000382067_00005_31622_4187.N1	18-MAR-2008 05:17:08	Bright	37.500	22	32Alp Leo	1.3600	15200.	75	31622	No
74	GOM_NL__2PRFIN20080318_051920_000000372067_00005_31622_4188.N1	18-MAR-2008 05:19:20	Bright	36.500	51	41Gam1Leo	2.0100	4500.0	73	31622	No
75	GOM_NL__2PRFIN20080318_052656_000000392067_00005_31622_4189.N1	18-MAR-2008 05:26:56	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	31622	No
76	GOM_NL__2PRFIN20080318_053009_000000382067_00005_31622_4190.N1	18-MAR-2008 05:30:09	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	31622	No
77	GOM_NL__2PRFIN20080318_053139_000000392067_00005_31622_4191.N1	18-MAR-2008 05:31:39	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	31622	No
78	GOM_NL__2PRFIN20080318_053839_000000422067_00005_31622_4192.N1	18-MAR-2008 05:38:39	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	31622	No
79	GOM_NL__2PRFIN20080318_054659_000000392067_00005_31622_4193.N1	18-MAR-2008 05:46:59	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	31622	No
80	GOM_NL__2PRFIN20080318_055207_000000372067_00005_31622_4194.N1	18-MAR-2008 05:52:07	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	31622	No
81	GOM_NL__2PRFIN20080318_055342_000000392067_00005_31622_4195.N1	18-MAR-2008 05:53:42	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	31622	No
82	GOM_NL__2PRFIN20080318_055527_000000362067_00005_31622_4196.N1	18-MAR-2008 05:55:27	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	31622	No
83	GOM_NL__2PRFIN20080318_060358_000000532067_00005_31622_4197.N1	18-MAR-2008 06:03:58	Tw_i_and_stray	52.500	11	53Alp Aql	0.76500	8000.0	105	31622	No
84	GOM_NL__2PRFIN20080318_061422_000000482067_00005_31622_4198.N1	18-MAR-2008 06:14:22	Dark	48.000	155	41Pi Sgr	2.9000	6600.0	96	31622	No
85	GOM_NL__2PRFIN20080318_061626_000000452067_00005_31622_4199.N1	18-MAR-2008 06:16:26	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	31622	No
86	GOM_NL__2PRFIN20080318_061757_000000522067_00005_31622_4200.N1	18-MAR-2008 06:17:57	Dark	52.000	137	22Lam Sgr	2.8240	4400.0	104	31622	No
87	GOM_NL__2PRFIN20080318_061957_000000492067_00005_31622_4201.N1	18-MAR-2008 06:19:57	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	31622	No
88	GOM_NL__2PRFIN20080318_094700_000000422067_00008_31625_4124.N1	18-MAR-2008 09:47:00	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	31625	No
89	GOM_NL__2PRFIN20080318_095038_000000382067_00008_31625_4125.N1	18-MAR-2008 09:50:38	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31625	No
90	GOM_NL__2PRFIN20080318_095322_000000482067_00008_31625_4126.N1	18-MAR-2008 09:53:22	Dark	47.500	4	Alp1Cen	-0.010000	5800.0	95	31625	No
91	GOM_NL__2PRFIN20080318_095529_000000312067_00008_31625_4127.N1	18-MAR-2008 09:55:29	Dark	31.000	109	Bet Lup	2.6770	26000.	62	31625	No
92	GOM_NL__2PRFIN20080318_095643_000000392067_00008_31625_4128.N1	18-MAR-2008 09:56:43	Dark	39.000	20	Bet Cru	1.2530	30000.	78	31625	No
93	GOM_NL__2PRFIN20080318_095927_000000432067_00008_31625_4129.N1	18-MAR-2008 09:59:27	Straylight	42.500	64	Gam Cen	2.2000	10600.	85	31625	No
94	GOM_NL__2PRFIN20080318_100144_000000492067_00008_31625_4130.N1	18-MAR-2008 10:01:44	Straylight	48.500	123	lot Cen	2.7500	10200.	97	31625	No
95	GOM_NL__2PRFIN20080318_100721_000000512067_00008_31625_4131.N1	18-MAR-2008 10:07:21	Straylight	50.500	106	9Bet Crv	2.6480	5600.0	101	31625	No
96	GOM_NL__2PRFIN20080318_100935_000000452067_00008_31625_4132.N1	18-MAR-2008 10:09:35	Tw_i_and_stray	44.500	100	4Gam Crv	2.5800	13100.	89	31625	No
97	GOM_NL__2PRFIN20080318_101856_000000372067_00008_31625_4133.N1	18-MAR-2008 10:18:56	Bright	37.000	22	32Alp Leo	1.3600	15200.	74	31625	No
98	GOM_NL__2PRFIN20080318_102108_000000382067_00008_31625_4134.N1	18-MAR-2008 10:21:08	Bright	37.500	51	41Gam1Leo	2.0100	4500.0	75	31625	No
99	GOM_NL__2PRFIN20080318_102843_000000402067_00008_31625_4135.N1	18-MAR-2008 10:28:43	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	31625	No
100	GOM_NL__2PRFIN20080318_103156_000000382067_00008_31625_4136.N1	18-MAR-2008 10:31:56	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	31625	No
101	GOM_NL__2PRFIN20080318_103326_000000382067_00008_31625_4137.N1	18-MAR-2008 10:33:26	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	31625	No

102	GOM_NL__2PRFIN20080318_104026_000000362067_00008_31625_4138.N1	18-MAR-2008 10:40:26	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	31625	No
103	GOM_NL__2PRFIN20080318_104847_000000352067_00008_31625_4139.N1	18-MAR-2008 10:48:47	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	31625	No
104	GOM_NL__2PRFIN20080318_105355_000000362067_00008_31625_4140.N1	18-MAR-2008 10:53:55	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31625	No
105	GOM_NL__2PRFIN20080318_105530_000000372067_00008_31625_4141.N1	18-MAR-2008 10:55:30	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	31625	No
106	GOM_NL__2PRFIN20080318_105715_000000362067_00008_31625_4142.N1	18-MAR-2008 10:57:15	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	31625	No
107	GOM_NL__2PRFIN20080318_110547_000000522067_00008_31625_4143.N1	18-MAR-2008 11:05:47	Tw_i_and_stray	52.000	11	53Alp Aql	0.76500	8000.0	104	31625	No
108	GOM_NL__2PRFIN20080318_111612_000000462067_00008_31625_4144.N1	18-MAR-2008 11:16:12	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	31625	No
109	GOM_NL__2PRFIN20080318_111817_000000472067_00008_31625_4145.N1	18-MAR-2008 11:18:17	Dark	47.000	57	34Sig Sgr	2.0660	26000.	94	31625	No
110	GOM_NL__2PRFIN20080318_111948_000000462067_00008_31625_4146.N1	18-MAR-2008 11:19:48	Dark	46.000	137	22Lam Sgr	2.8240	4400.0	92	31625	No
111	GOM_NL__2PRFIN20080318_112147_000000472067_00008_31625_4147.N1	18-MAR-2008 11:21:47	Dark	47.000	38	20Eps Sgr	1.8360	11000.	94	31625	No
112	GOM_NL__2PRFIN20080318_112737_000000442067_00009_31626_4127.N1	18-MAR-2008 11:27:37	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	31626	No
113	GOM_NL__2PRFIN20080318_113114_000000382067_00009_31626_4128.N1	18-MAR-2008 11:31:14	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31626	No
114	GOM_NL__2PRFIN20080318_113358_000000552067_00009_31626_4129.N1	18-MAR-2008 11:33:58	Dark	54.500	4	Alp1Cen	-0.010000	5800.0	109	31626	No
115	GOM_NL__2PRFIN20080318_113606_000000322067_00009_31626_4130.N1	18-MAR-2008 11:36:06	Dark	32.000	109	Bet Lup	2.6770	26000.	64	31626	No
116	GOM_NL__2PRFIN20080318_113719_000000442067_00009_31626_4131.N1	18-MAR-2008 11:37:19	Dark	43.500	20	Bet Cru	1.2530	30000.	87	31626	No
117	GOM_NL__2PRFIN20080318_114004_000000412067_00009_31626_4132.N1	18-MAR-2008 11:40:04	Straylight	40.500	64	Gam Cen	2.2000	10600.	81	31626	No
118	GOM_NL__2PRFIN20080318_114220_000000462067_00009_31626_4133.N1	18-MAR-2008 11:42:20	Straylight	46.000	123	lot Cen	2.7500	10200.	92	31626	No
119	GOM_NL__2PRFIN20080318_114757_000000522067_00009_31626_4134.N1	18-MAR-2008 11:47:57	Straylight	52.000	106	9Bet Crv	2.6480	5600.0	104	31626	No
120	GOM_NL__2PRFIN20080318_115011_000000482067_00009_31626_4135.N1	18-MAR-2008 11:50:11	Tw_i_and_stray	47.500	100	4Gam Crv	2.5800	13100.	95	31626	No
121	GOM_NL__2PRFIN20080318_115932_000000382067_00009_31626_4136.N1	18-MAR-2008 11:59:32	Bright	37.500	22	32Alp Leo	1.3600	15200.	75	31626	No
122	GOM_NL__2PRFIN20080318_120144_000000372067_00009_31626_4137.N1	18-MAR-2008 12:01:44	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31626	No
123	GOM_NL__2PRFIN20080318_120918_000000402067_00009_31626_4138.N1	18-MAR-2008 12:09:18	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	31626	No
124	GOM_NL__2PRFIN20080318_121232_000000382067_00009_31626_4139.N1	18-MAR-2008 12:12:32	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	31626	No
125	GOM_NL__2PRFIN20080318_121402_000000382067_00009_31626_4140.N1	18-MAR-2008 12:14:02	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	31626	No
126	GOM_NL__2PRFIN20080318_122101_000000392067_00009_31626_4141.N1	18-MAR-2008 12:21:01	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	31626	No
127	GOM_NL__2PRFIN20080318_122923_000000342067_00009_31626_4142.N1	18-MAR-2008 12:29:23	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31626	No
128	GOM_NL__2PRFIN20080318_123431_000000392067_00009_31626_4143.N1	18-MAR-2008 12:34:31	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	31626	No
129	GOM_NL__2PRFIN20080318_123605_000000372067_00009_31626_4144.N1	18-MAR-2008 12:36:05	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31626	No
130	GOM_NL__2PRFIN20080318_123751_000000372067_00009_31626_4145.N1	18-MAR-2008 12:37:51	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	31626	No
131	GOM_NL__2PRFIN20080318_124623_000000542067_00009_31626_4146.N1	18-MAR-2008 12:46:23	Tw_i_and_stray	53.500	11	53Alp Aql	0.76500	8000.0	107	31626	No
132	GOM_NL__2PRFIN20080318_125649_000000482067_00009_31626_4147.N1	18-MAR-2008 12:56:49	Dark	47.500	155	41Pi Sgr	2.9000	6600.0	95	31626	No
133	GOM_NL__2PRFIN20080318_125853_000000462067_00009_31626_4148.N1	18-MAR-2008 12:58:53	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	31626	No
134	GOM_NL__2PRFIN20080318_130025_000000402067_00009_31626_4149.N1	18-MAR-2008 13:00:25	Dark	40.000	137	22Lam Sgr	2.8240	4400.0	80	31626	No
135	GOM_NL__2PRFIN20080318_130224_000000562067_00009_31626_4150.N1	18-MAR-2008 13:02:24	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	31626	No
136	GOM_NL__2PRFIN20080318_130813_000000422067_00010_31627_4164.N1	18-MAR-2008 13:08:13	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31627	No
137	GOM_NL__2PRFIN20080318_131151_000000382067_00010_31627_4165.N1	18-MAR-2008 13:11:51	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31627	No
138	GOM_NL__2PRFIN20080318_131434_000000492067_00010_31627_4166.N1	18-MAR-2008 13:14:34	Dark	49.000	4	Alp1Cen	-0.010000	5800.0	98	31627	No
139	GOM_NL__2PRFIN20080318_131643_000000322067_00010_31627_4167.N1	18-MAR-2008 13:16:43	Dark	32.000	109	Bet Lup	2.6770	26000.	64	31627	No
140	GOM_NL__2PRFIN20080318_131755_000000442067_00010_31627_4168.N1	18-MAR-2008 13:17:55	Dark	43.500	20	Bet Cru	1.2530	30000.	87	31627	No
141	GOM_NL__2PRFIN20080318_132040_000000402067_00010_31627_4169.N1	18-MAR-2008 13:20:40	Straylight	39.500	64	Gam Cen	2.2000	10600.	79	31627	No
142	GOM_NL__2PRFIN20080318_132257_000000482067_00010_31627_4170.N1	18-MAR-2008 13:22:57	Straylight	48.000	123	lot Cen	2.7500	10200.	96	31627	No
143	GOM_NL__2PRFIN20080318_132833_000000512067_00010_31627_4171.N1	18-MAR-2008 13:28:33	Straylight	50.500	106	9Bet Crv	2.6480	5600.0	101	31627	No
144	GOM_NL__2PRFIN20080318_133048_000000472067_00010_31627_4172.N1	18-MAR-2008 13:30:48	Tw_i_and_stray	46.500	100	4Gam Crv	2.5800	13100.	93	31627	No
145	GOM_NL__2PRFIN20080318_134011_000000342067_00010_31627_4173.N1	18-MAR-2008 13:40:11	Bright	34.000	22	32Alp Leo	1.3600	15200.	68	31627	No
146	GOM_NL__2PRFIN20080318_134220_000000372067_00010_31627_4174.N1	18-MAR-2008 13:42:20	Bright	36.500	51	41Gam1Leo	2.0100	4500.0	73	31627	No
147	GOM_NL__2PRFIN20080318_134954_000000402067_00010_31627_4175.N1	18-MAR-2008 13:49:54	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	31627	No
148	GOM_NL__2PRFIN20080318_135308_000000432067_00010_31627_4176.N1	18-MAR-2008 13:53:08	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	31627	No
149	GOM_NL__2PRFIN20080318_135438_000000392067_00010_31627_4177.N1	18-MAR-2008 13:54:38	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	31627	No
150	GOM_NL__2PRFIN20080318_140137_000000412067_00010_31627_4178.N1	18-MAR-2008 14:01:37	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	31627	No
151	GOM_NL__2PRFIN20080318_140959_000000362067_00010_31627_4179.N1	18-MAR-2008 14:09:59	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31627	No
152	GOM_NL__2PRFIN20080318_141507_000000382067_00010_31627_4180.N1	18-MAR-2008 14:15:07	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	31627	No
153	GOM_NL__2PRFIN20080318_141641_000000392067_00010_31627_4181.N1	18-MAR-2008 14:16:41	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	31627	No
154	GOM_NL__2PRFIN20080318_141827_000000382067_00010_31627_4182.N1	18-MAR-2008 14:18:27	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	31627	No
155	GOM_NL__2PRFIN20080318_142700_000000532067_00010_31627_4183.N1	18-MAR-2008 14:27:00	Tw_i_and_stray	53.000	11	53Alp Aql	0.76500	8000.0	106	31627	No
156	GOM_NL__2PRFIN20080318_143726_000000452067_00010_31627_4184.N1	18-MAR-2008 14:37:26	Dark	44.500	155	41Pi Sgr	2.9000	6600.0	89	31627	No
157	GOM_NL__2PRFIN20080318_143930_000000482067_00010_31627_4185.N1	18-MAR-2008 14:39:30	Dark	47.500	57	34Sig Sgr	2.0660	26000.	95	31627	No
158	GOM_NL__2PRFIN20080318_144102_000000402067_00010_31627_4186.N1	18-MAR-2008 14:41:02	Dark	40.000	137	22Lam Sgr	2.8240	4400.0	80	31627	No
159	GOM_NL__2PRFIN20080318_144301_000000482067_00010_31627_4187.N1	18-MAR-2008 14:43:01	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	31627	No
160	GOM_NL__2PRFIN20080318_144850_000000442067_00011_31628_4192.N1	18-MAR-2008 14:48:50	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	31628	No



161	GOM_NL__2PRFIN20080318_145227_000000392067_00011_31628_4193.N1	18-MAR-2008 14:52:27	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31628	No
162	GOM_NL__2PRFIN20080318_145511_000000532067_00011_31628_4194.N1	18-MAR-2008 14:55:11	Dark	52.500	4	Alp1Cen	-0.010000	5800.0	105	31628	No
163	GOM_NL__2PRFIN20080318_145720_000000342067_00011_31628_4195.N1	18-MAR-2008 14:57:20	Dark	34.000	109	Bet Lup	2.6770	26000.	68	31628	No
164	GOM_NL__2PRFIN20080318_145831_000000392067_00011_31628_4196.N1	18-MAR-2008 14:58:31	Dark	39.000	20	Bet Cru	1.2530	30000.	78	31628	No
165	GOM_NL__2PRFIN20080318_150116_000000412067_00011_31628_4197.N1	18-MAR-2008 15:01:16	Straylight	40.500	64	Gam Cen	2.2000	10600.	81	31628	No
166	GOM_NL__2PRFIN20080318_150333_000000502067_00011_31628_4198.N1	18-MAR-2008 15:03:33	Straylight	49.500	123	lot Cen	2.7500	10200.	99	31628	No
167	GOM_NL__2PRFIN20080318_150909_000000522067_00011_31628_4199.N1	18-MAR-2008 15:09:09	Straylight	51.500	106	9Bet Crv	2.6480	5600.0	103	31628	No
168	GOM_NL__2PRFIN20080318_151124_000000482067_00011_31628_4200.N1	18-MAR-2008 15:11:24	Tw_i_and_stray	48.000	100	4Gam Crv	2.5800	13100.	96	31628	No
169	GOM_NL__2PRFIN20080318_152256_000000372067_00011_31628_4201.N1	18-MAR-2008 15:22:56	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31628	No
170	GOM_NL__2PRFIN20080318_153030_000000372067_00011_31628_4202.N1	18-MAR-2008 15:30:30	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	31628	No
171	GOM_NL__2PRFIN20080318_153343_000000362067_00011_31628_4203.N1	18-MAR-2008 15:33:43	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	31628	No
172	GOM_NL__2PRFIN20080318_153514_000000392067_00011_31628_4204.N1	18-MAR-2008 15:35:14	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	31628	No
173	GOM_NL__2PRFIN20080318_154213_000000402067_00011_31628_4205.N1	18-MAR-2008 15:42:13	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	31628	No
174	GOM_NL__2PRFIN20080318_155035_000000372067_00011_31628_4206.N1	18-MAR-2008 15:50:35	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31628	No
175	GOM_NL__2PRFIN20080318_155543_000000362067_00011_31628_4207.N1	18-MAR-2008 15:55:43	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	31628	No
176	GOM_NL__2PRFIN20080318_155717_000000392067_00011_31628_4208.N1	18-MAR-2008 15:57:17	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	31628	No
177	GOM_NL__2PRFIN20080318_155903_000000372067_00011_31628_4209.N1	18-MAR-2008 15:59:03	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	31628	No
178	GOM_NL__2PRFIN20080318_160736_000000552067_00011_31628_4210.N1	18-MAR-2008 16:07:36	Tw_i_and_stray	54.500	11	53Alp Aql	0.76500	8000.0	109	31628	No
179	GOM_NL__2PRFIN20080318_161803_000000472067_00011_31628_4211.N1	18-MAR-2008 16:18:03	Dark	46.500	155	41Pi Sgr	2.9000	6600.0	93	31628	No
180	GOM_NL__2PRFIN20080318_162007_000000462067_00011_31628_4212.N1	18-MAR-2008 16:20:07	Dark	46.000	57	34Sig Sgr	2.0660	26000.	92	31628	No
181	GOM_NL__2PRFIN20080318_162139_000000342067_00011_31628_4213.N1	18-MAR-2008 16:21:39	Dark	34.000	137	22Lam Sgr	2.8240	4400.0	68	31628	No
182	GOM_NL__2PRFIN20080318_162338_000000542067_00011_31628_4214.N1	18-MAR-2008 16:23:38	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	31628	No
183	GOM_NL__2PRFIN20080318_162927_000000422067_00012_31629_4207.N1	18-MAR-2008 16:29:27	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31629	No
184	GOM_NL__2PRFIN20080318_163304_000000392067_00012_31629_4208.N1	18-MAR-2008 16:33:04	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31629	No
185	GOM_NL__2PRFIN20080318_163547_000000452067_00012_31629_4209.N1	18-MAR-2008 16:35:47	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	31629	No
186	GOM_NL__2PRFIN20080318_163757_000000342067_00012_31629_4210.N1	18-MAR-2008 16:37:57	Dark	34.000	109	Bet Lup	2.6770	26000.	68	31629	No
187	GOM_NL__2PRFIN20080318_163908_000000462067_00012_31629_4211.N1	18-MAR-2008 16:39:08	Dark	45.500	20	Bet Cru	1.2530	30000.	91	31629	No
188	GOM_NL__2PRFIN20080318_164153_000000402067_00012_31629_4212.N1	18-MAR-2008 16:41:53	Straylight	39.500	64	Gam Cen	2.2000	10600.	79	31629	No
189	GOM_NL__2PRFIN20080318_164410_000000492067_00012_31629_4213.N1	18-MAR-2008 16:44:10	Straylight	48.500	123	lot Cen	2.7500	10200.	97	31629	No
190	GOM_NL__2PRFIN20080318_164945_000000512067_00012_31629_4214.N1	18-MAR-2008 16:49:45	Straylight	51.000	106	9Bet Crv	2.6480	5600.0	102	31629	No
191	GOM_NL__2PRFIN20080318_165200_000000502067_00012_31629_4215.N1	18-MAR-2008 16:52:00	Tw_i_and_stray	49.500	100	4Gam Crv	2.5800	13100.	99	31629	No
192	GOM_NL__2PRFIN20080318_170332_000000372067_00012_31629_4216.N1	18-MAR-2008 17:03:32	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31629	No
193	GOM_NL__2PRFIN20080318_171105_000000382067_00012_31629_4217.N1	18-MAR-2008 17:11:05	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	31629	No
194	GOM_NL__2PRFIN20080318_171419_000000372067_00012_31629_4218.N1	18-MAR-2008 17:14:19	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	31629	No
195	GOM_NL__2PRFIN20080318_171549_000000402067_00012_31629_4219.N1	18-MAR-2008 17:15:49	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	31629	No
196	GOM_NL__2PRFIN20080318_172248_000000412067_00012_31629_4220.N1	18-MAR-2008 17:22:48	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	31629	No
197	GOM_NL__2PRFIN20080318_173111_000000372067_00012_31629_4221.N1	18-MAR-2008 17:31:11	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31629	No
198	GOM_NL__2PRFIN20080318_173619_000000372067_00012_31629_4222.N1	18-MAR-2008 17:36:19	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	31629	No
199	GOM_NL__2PRFIN20080318_173754_000000382067_00012_31629_4223.N1	18-MAR-2008 17:37:54	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	31629	No
200	GOM_NL__2PRFIN20080318_173939_000000382067_00012_31629_4224.N1	18-MAR-2008 17:39:39	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	31629	No
201	GOM_NL__2PRFIN20080318_174813_000000592067_00012_31629_4225.N1	18-MAR-2008 17:48:13	Tw_i_and_stray	58.500	11	53Alp Aql	0.76500	8000.0	117	31629	No
202	GOM_NL__2PRFIN20080318_175840_000000452067_00012_31629_4226.N1	18-MAR-2008 17:58:40	Dark	44.500	155	41Pi Sgr	2.9000	6600.0	89	31629	No
203	GOM_NL__2PRFIN20080318_180044_000000472067_00012_31629_4227.N1	18-MAR-2008 18:00:44	Dark	46.500	57	34Sig Sgr	2.0660	26000.	93	31629	No
204	GOM_NL__2PRFIN20080318_180217_000000342067_00012_31629_4228.N1	18-MAR-2008 18:02:17	Dark	34.000	137	22Lam Sgr	2.8240	4400.0	68	31629	No
205	GOM_NL__2PRFIN20080318_180415_000000482067_00012_31629_4229.N1	18-MAR-2008 18:04:15	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	31629	No
206	GOM_NL__2PRFIN20080318_195040_000000412067_00014_31631_4323.N1	18-MAR-2008 19:50:40	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	31631	No
207	GOM_NL__2PRFIN20080318_195417_000000382067_00014_31631_4324.N1	18-MAR-2008 19:54:17	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31631	No
208	GOM_NL__2PRFIN20080318_195701_000000532067_00014_31631_4325.N1	18-MAR-2008 19:57:01	Dark	52.500	4	Alp1Cen	-0.010000	5800.0	105	31631	No
209	GOM_NL__2PRFIN20080318_195910_000000352067_00014_31631_4326.N1	18-MAR-2008 19:59:10	Dark	35.000	109	Bet Lup	2.6770	26000.	70	31631	No
210	GOM_NL__2PRFIN20080318_200020_000000392067_00014_31631_4327.N1	18-MAR-2008 20:00:20	Dark	38.500	20	Bet Cru	1.2530	30000.	77	31631	No
211	GOM_NL__2PRFIN20080318_200305_000000402067_00014_31631_4328.N1	18-MAR-2008 20:03:05	Straylight	39.500	64	Gam Cen	2.2000	10600.	79	31631	No
212	GOM_NL__2PRFIN20080318_200523_000000482067_00014_31631_4329.N1	18-MAR-2008 20:05:23	Straylight	47.500	123	lot Cen	2.7500	10200.	95	31631	No
213	GOM_NL__2PRFIN20080318_201058_000000552067_00014_31631_4330.N1	18-MAR-2008 20:10:58	Straylight	54.500	106	9Bet Crv	2.6480	5600.0	109	31631	No
214	GOM_NL__2PRFIN20080318_201312_000000492067_00014_31631_4331.N1	18-MAR-2008 20:13:12	Tw_i_and_stray	48.500	100	4Gam Crv	2.5800	13100.	97	31631	No
215	GOM_NL__2PRFIN20080318_202444_000000372067_00014_31631_4332.N1	18-MAR-2008 20:24:44	Bright	36.500	51	41Gam1Leo	2.0100	4500.0	73	31631	No
216	GOM_NL__2PRFIN20080318_203217_000000392067_00014_31631_4333.N1	18-MAR-2008 20:32:17	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	31631	No
217	GOM_NL__2PRFIN20080318_203531_000000352067_00014_31631_4334.N1	18-MAR-2008 20:35:31	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	31631	No
218	GOM_NL__2PRFIN20080318_203701_000000392067_00014_31631_4335.N1	18-MAR-2008 20:37:01	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	31631	No
219	GOM_NL__2PRFIN20080318_204400_000000422067_00014_31631_4336.N1	18-MAR-2008 20:44:00	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	31631	No

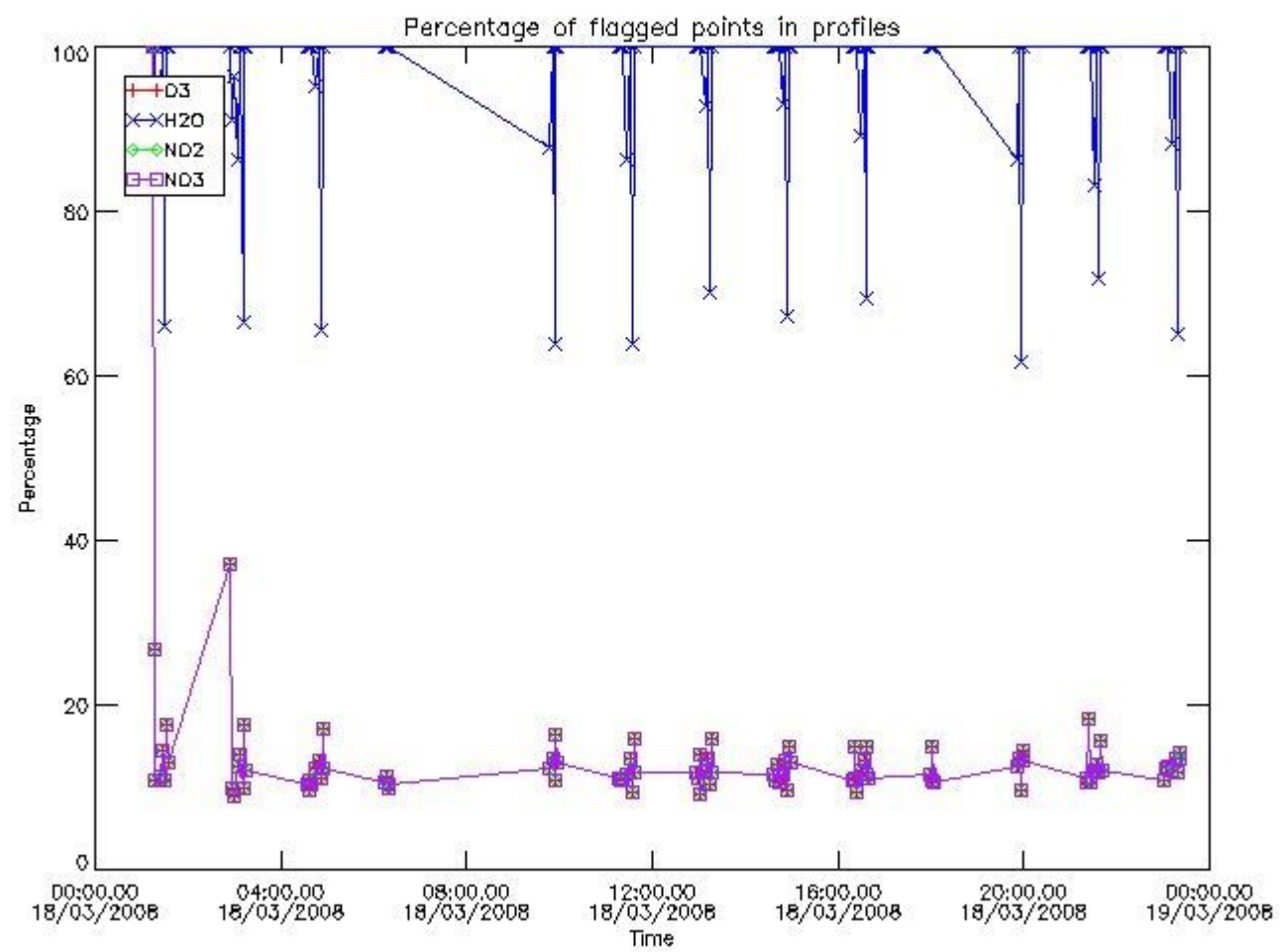


220	GOM_NL__2PRFIN20080318_205223_000000332067_00014_31631_4337.N1	18-MAR-2008 20:52:23	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	31631	No
221	GOM_NL__2PRFIN20080318_205731_000000382067_00014_31631_4338.N1	18-MAR-2008 20:57:31	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	31631	No
222	GOM_NL__2PRFIN20080318_205905_000000362067_00014_31631_4339.N1	18-MAR-2008 20:59:05	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	31631	No
223	GOM_NL__2PRFIN20080318_210051_000000382067_00014_31631_4340.N1	18-MAR-2008 21:00:51	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	31631	No
224	GOM_NL__2PRFIN20080318_210925_000000572067_00014_31631_4341.N1	18-MAR-2008 21:09:25	Tw_i_and_stray	57.000	11	53Alp Aql	0.76500	8000.0	114	31631	No
225	GOM_NL__2PRFIN20080318_211953_000000462067_00014_31631_4342.N1	18-MAR-2008 21:19:53	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	31631	No
226	GOM_NL__2PRFIN20080318_212158_000000482067_00014_31631_4343.N1	18-MAR-2008 21:21:58	Dark	48.000	57	34Sig Sgr	2.0660	26000.	96	31631	No
227	GOM_NL__2PRFIN20080318_212331_000000282067_00014_31631_4344.N1	18-MAR-2008 21:23:31	Dark	28.000	137	22Lam Sgr	2.8240	4400.0	56	31631	No
228	GOM_NL__2PRFIN20080318_212529_000000482067_00014_31631_4345.N1	18-MAR-2008 21:25:29	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	31631	No
229	GOM_NL__2PRFIN20080318_213117_000000422067_00015_31632_4334.N1	18-MAR-2008 21:31:17	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31632	No
230	GOM_NL__2PRFIN20080318_213453_000000402067_00015_31632_4335.N1	18-MAR-2008 21:34:53	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	31632	No
231	GOM_NL__2PRFIN20080318_213737_000000432067_00015_31632_4336.N1	18-MAR-2008 21:37:37	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	31632	No
232	GOM_NL__2PRFIN20080318_213947_000000362067_00015_31632_4337.N1	18-MAR-2008 21:39:47	Dark	36.000	109	Bet Lup	2.6770	26000.	72	31632	No
233	GOM_NL__2PRFIN20080318_214057_000000422067_00015_31632_4338.N1	18-MAR-2008 21:40:57	Dark	42.000	20	Bet Cru	1.2530	30000.	84	31632	No
234	GOM_NL__2PRFIN20080318_214342_000000422067_00015_31632_4339.N1	18-MAR-2008 21:43:42	Straylight	42.000	64	Gam Cen	2.2000	10600.	84	31632	No
235	GOM_NL__2PRFIN20080318_214559_000000492067_00015_31632_4340.N1	18-MAR-2008 21:45:59	Straylight	48.500	123	lot Cen	2.7500	10200.	97	31632	No
236	GOM_NL__2PRFIN20080318_215134_000000552067_00015_31632_4341.N1	18-MAR-2008 21:51:34	Straylight	55.000	106	9Bet Crv	2.6480	5600.0	110	31632	No
237	GOM_NL__2PRFIN20080318_215348_000000492067_00015_31632_4342.N1	18-MAR-2008 21:53:48	Tw_i_and_stray	49.000	100	4Gam Crv	2.5800	13100.	98	31632	No
238	GOM_NL__2PRFIN20080318_220520_000000382067_00015_31632_4343.N1	18-MAR-2008 22:05:20	Bright	37.500	51	41Gam1Leo	2.0100	4500.0	75	31632	No
239	GOM_NL__2PRFIN20080318_221252_000000392067_00015_31632_4344.N1	18-MAR-2008 22:12:52	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	31632	No
240	GOM_NL__2PRFIN20080318_221606_000000362067_00015_31632_4345.N1	18-MAR-2008 22:16:06	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	31632	No
241	GOM_NL__2PRFIN20080318_221737_000000352067_00015_31632_4346.N1	18-MAR-2008 22:17:37	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	31632	No
242	GOM_NL__2PRFIN20080318_222435_000000412067_00015_31632_4347.N1	18-MAR-2008 22:24:35	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	31632	No
243	GOM_NL__2PRFIN20080318_223259_000000352067_00015_31632_4348.N1	18-MAR-2008 22:32:59	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	31632	No
244	GOM_NL__2PRFIN20080318_223807_000000372067_00015_31632_4349.N1	18-MAR-2008 22:38:07	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	31632	No
245	GOM_NL__2PRFIN20080318_223941_000000372067_00015_31632_4350.N1	18-MAR-2008 22:39:41	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31632	No
246	GOM_NL__2PRFIN20080318_224127_000000382067_00015_31632_4351.N1	18-MAR-2008 22:41:27	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	31632	No
247	GOM_NL__2PRFIN20080318_225002_000000522067_00015_31632_4352.N1	18-MAR-2008 22:50:02	Tw_i_and_stray	51.500	11	53Alp Aql	0.76500	8000.0	103	31632	No
248	GOM_NL__2PRFIN20080318_230030_000000472067_00015_31632_4353.N1	18-MAR-2008 23:00:30	Dark	47.000	155	41Pi Sgr	2.9000	6600.0	94	31632	No
249	GOM_NL__2PRFIN20080318_230235_000000462067_00015_31632_4354.N1	18-MAR-2008 23:02:35	Dark	46.000	57	34Sig Sgr	2.0660	26000.	92	31632	No
250	GOM_NL__2PRFIN20080318_230606_000000492067_00015_31632_4355.N1	18-MAR-2008 23:06:06	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	31632	No
251	GOM_NL__2PRFIN20080318_231153_000000432067_00016_31633_4397.N1	18-MAR-2008 23:11:53	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	31633	No
252	GOM_NL__2PRFIN20080318_231530_000000382067_00016_31633_4398.N1	18-MAR-2008 23:15:30	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31633	No
253	GOM_NL__2PRFIN20080318_231813_000000442067_00016_31633_4399.N1	18-MAR-2008 23:18:13	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31633	No
254	GOM_NL__2PRFIN20080318_232024_000000362067_00016_31633_4400.N1	18-MAR-2008 23:20:24	Dark	36.000	109	Bet Lup	2.6770	26000.	72	31633	No
255	GOM_NL__2PRFIN20080318_232133_000000382067_00016_31633_4401.N1	18-MAR-2008 23:21:33	Dark	37.500	20	Bet Cru	1.2530	30000.	75	31633	No
256	GOM_NL__2PRFIN20080318_232418_000000452067_00016_31633_4402.N1	18-MAR-2008 23:24:18	Straylight	44.500	64	Gam Cen	2.2000	10600.	89	31633	No
257	GOM_NL__2PRFIN20080318_232636_000000482067_00016_31633_4403.N1	18-MAR-2008 23:26:36	Straylight	47.500	123	lot Cen	2.7500	10200.	95	31633	No
258	GOM_NL__2PRFIN20080318_233210_000000512067_00016_31633_4404.N1	18-MAR-2008 23:32:10	Straylight	50.500	106	9Bet Crv	2.6480	5600.0	101	31633	No
259	GOM_NL__2PRFIN20080318_233424_000000482067_00016_31633_4405.N1	18-MAR-2008 23:34:24	Tw_i_and_stray	48.000	100	4Gam Crv	2.5800	13100.	96	31633	No
260	GOM_NL__2PRFIN20080318_234555_000000372067_00016_31633_4406.N1	18-MAR-2008 23:45:55	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31633	No
261	GOM_NL__2PRFIN20080318_235328_000000392067_00016_31633_4407.N1	18-MAR-2008 23:53:28	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	31633	No
262	GOM_NL__2PRFIN20080318_235642_000000362067_00016_31633_4408.N1	18-MAR-2008 23:56:42	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	31633	No
263	GOM_NL__2PRFIN20080318_235812_000000392067_00016_31633_4409.N1	18-MAR-2008 23:58:12	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	31633	No

### 3. Quality information per product

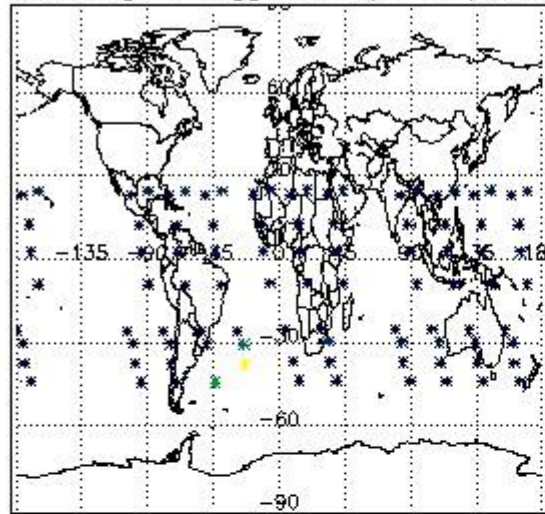
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

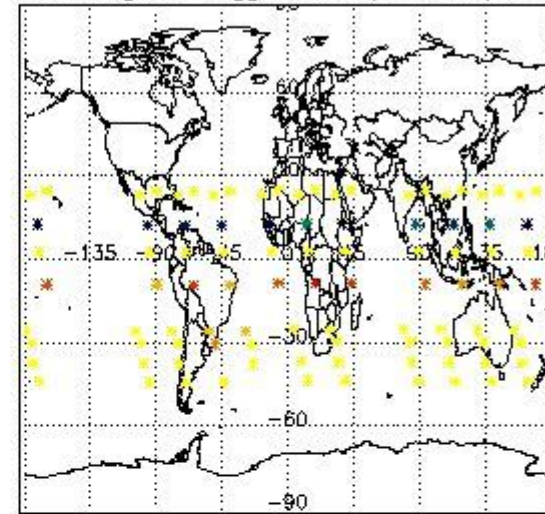


3.2 Plot quality information per product (world map)

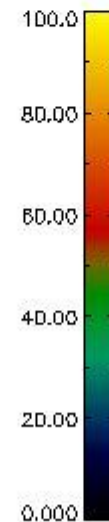
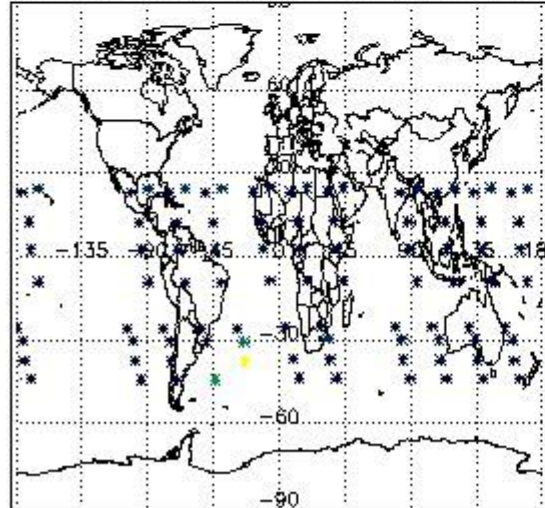
Percentage of flagged data per O3 profile



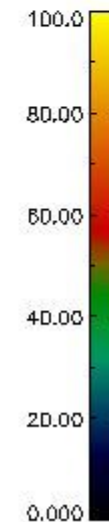
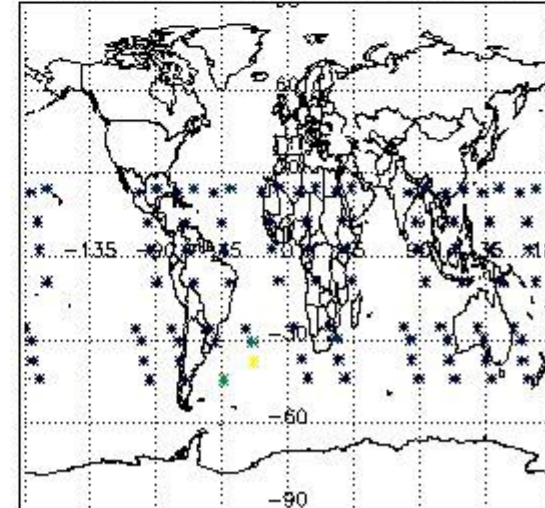
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

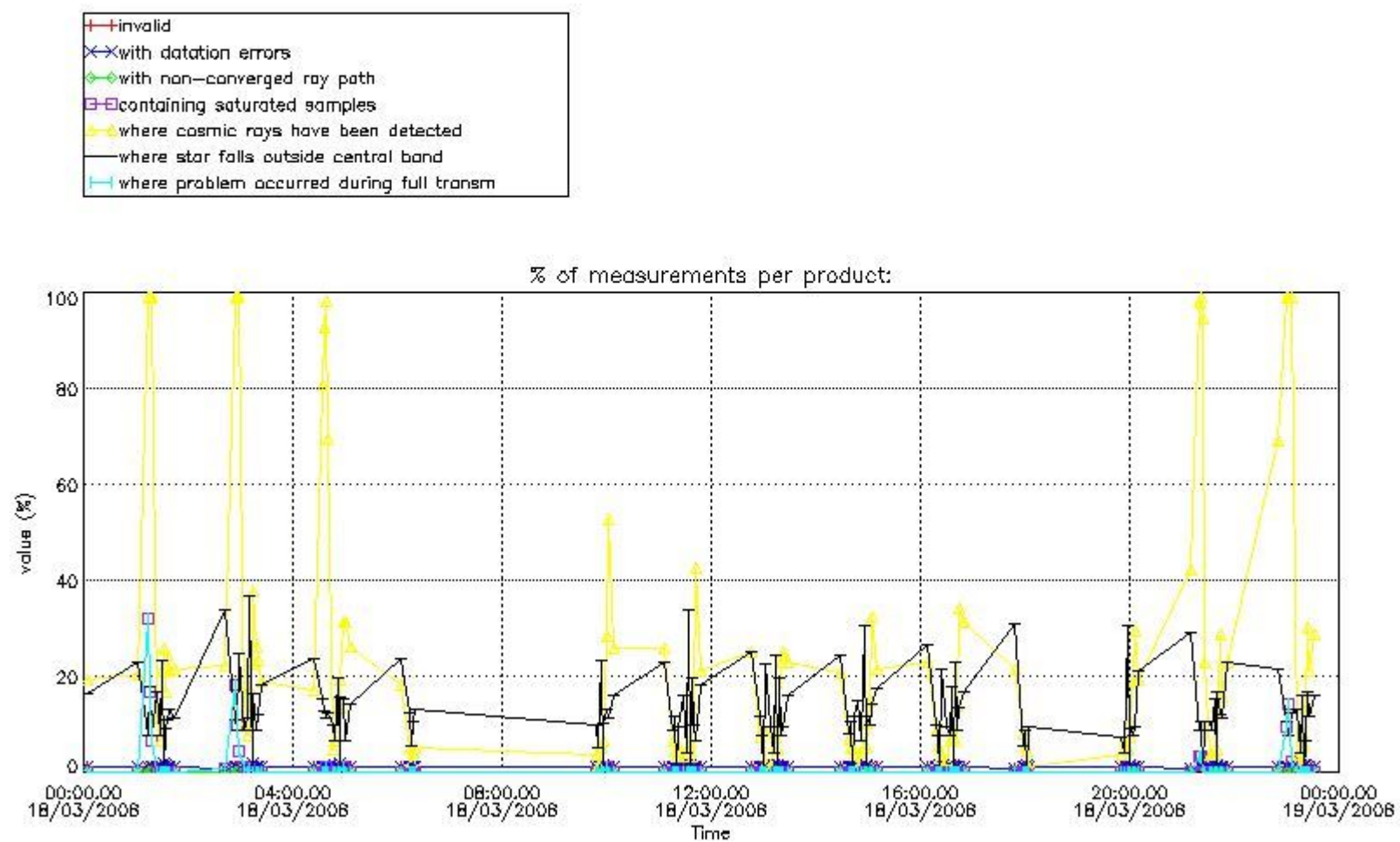


#### 4. Level 1 quality information per product

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

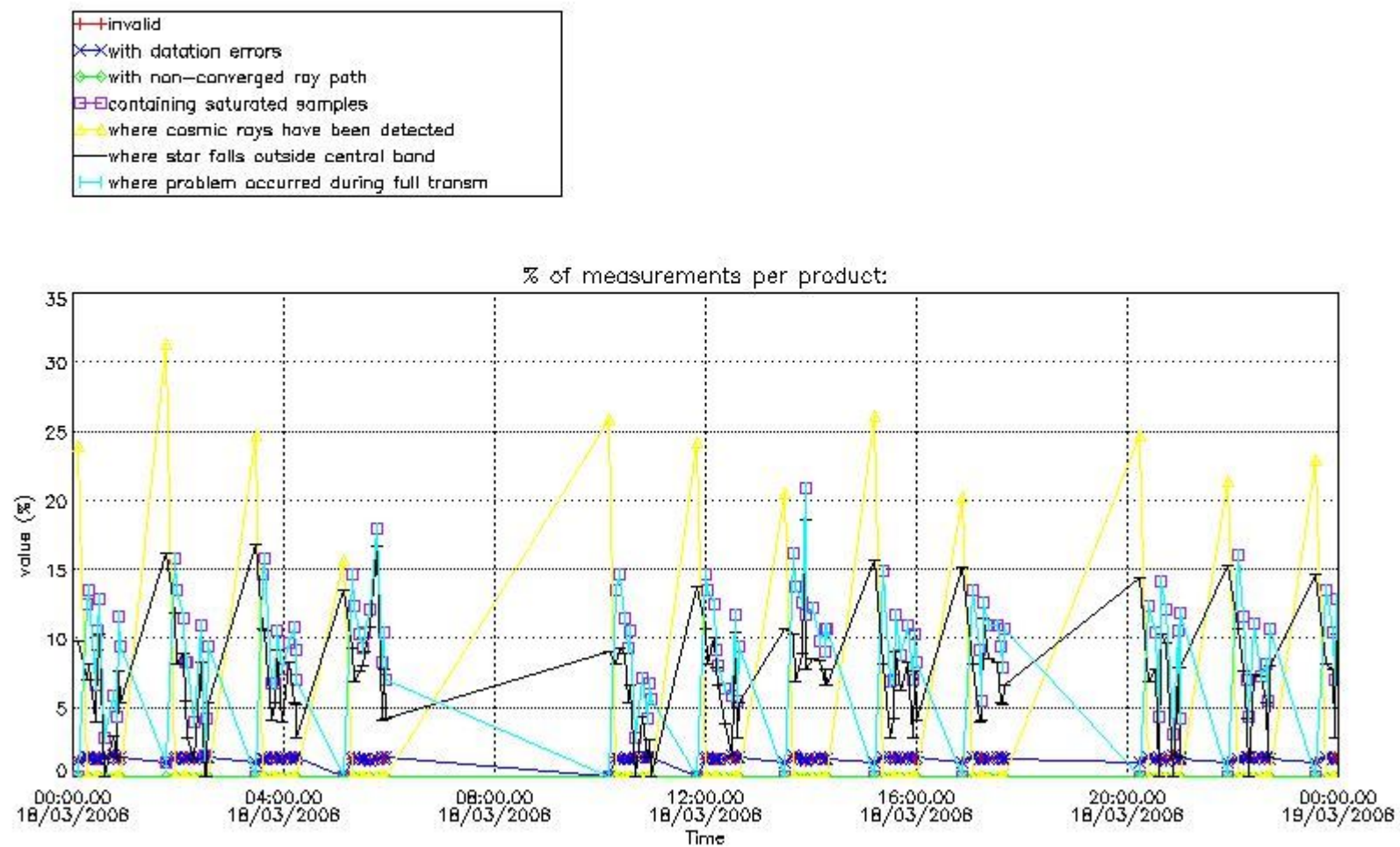
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



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

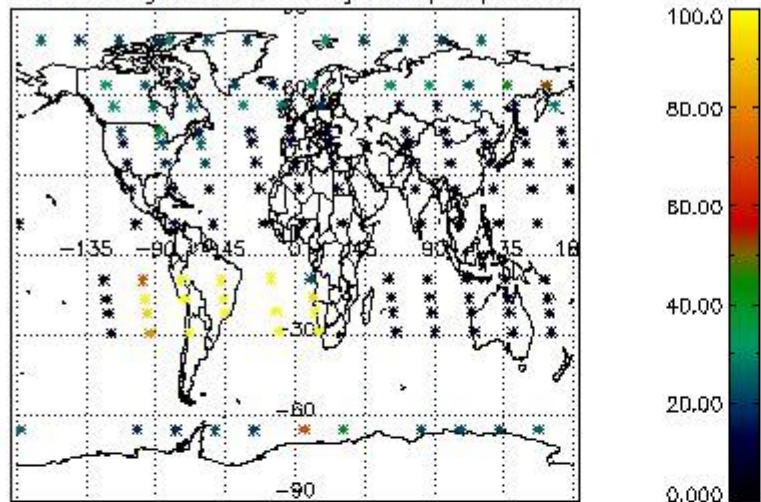




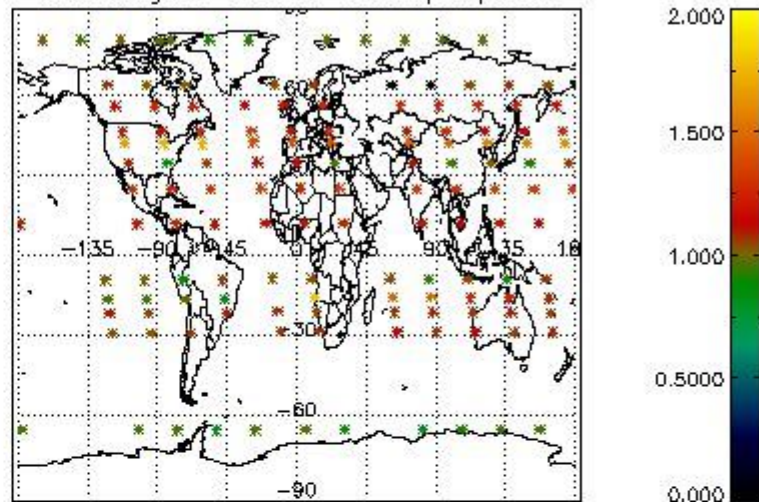
4.2 Plot quality information per product coming from level 1b processing (world map)

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

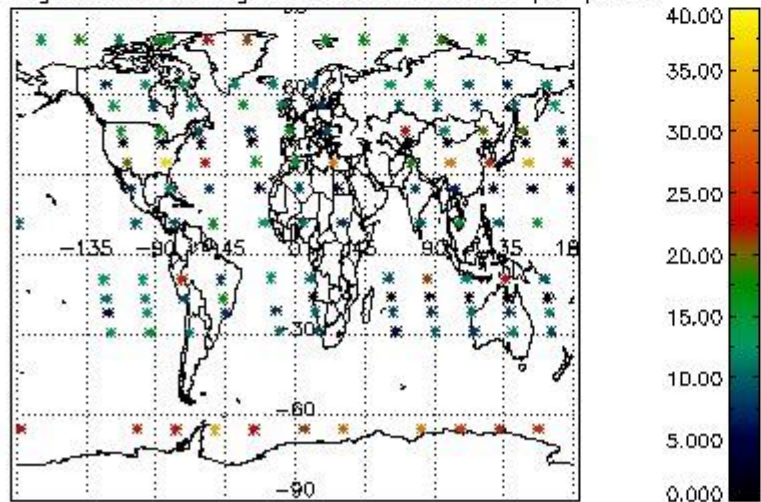
Percentage of cosmic ray hits per profile



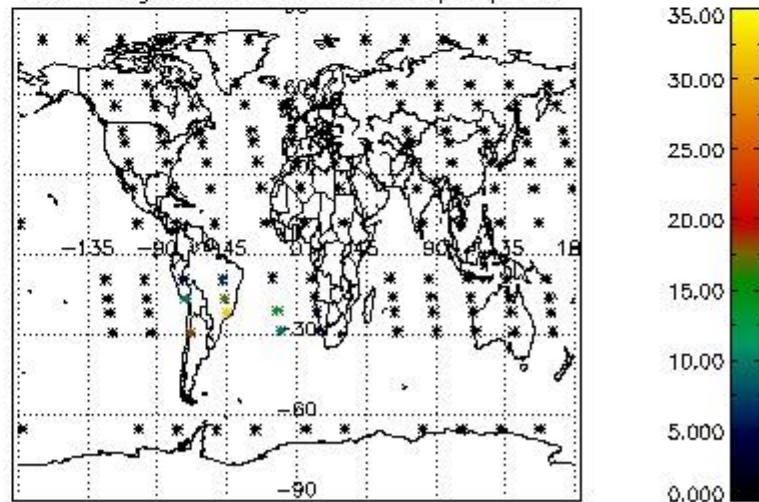
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

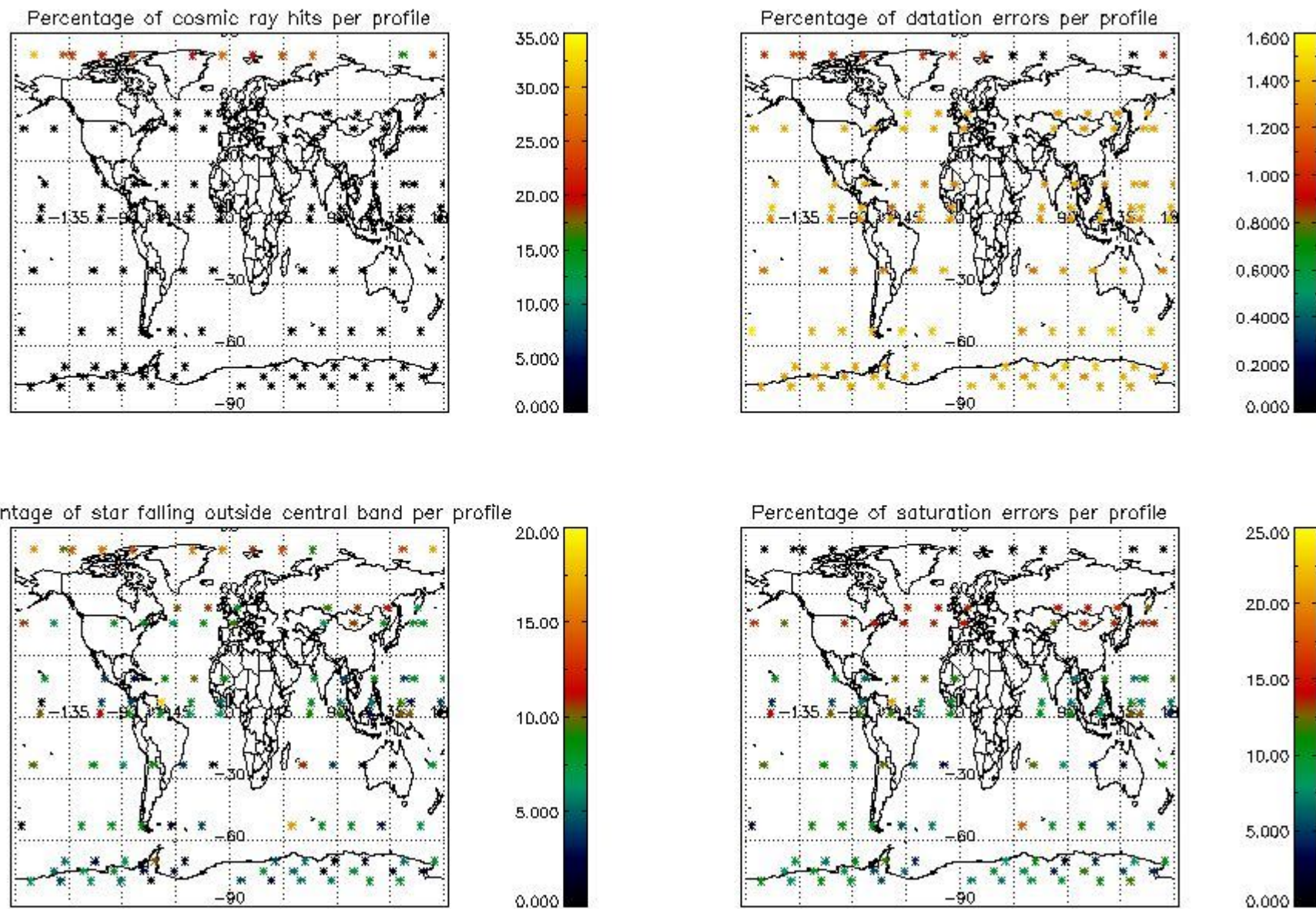


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

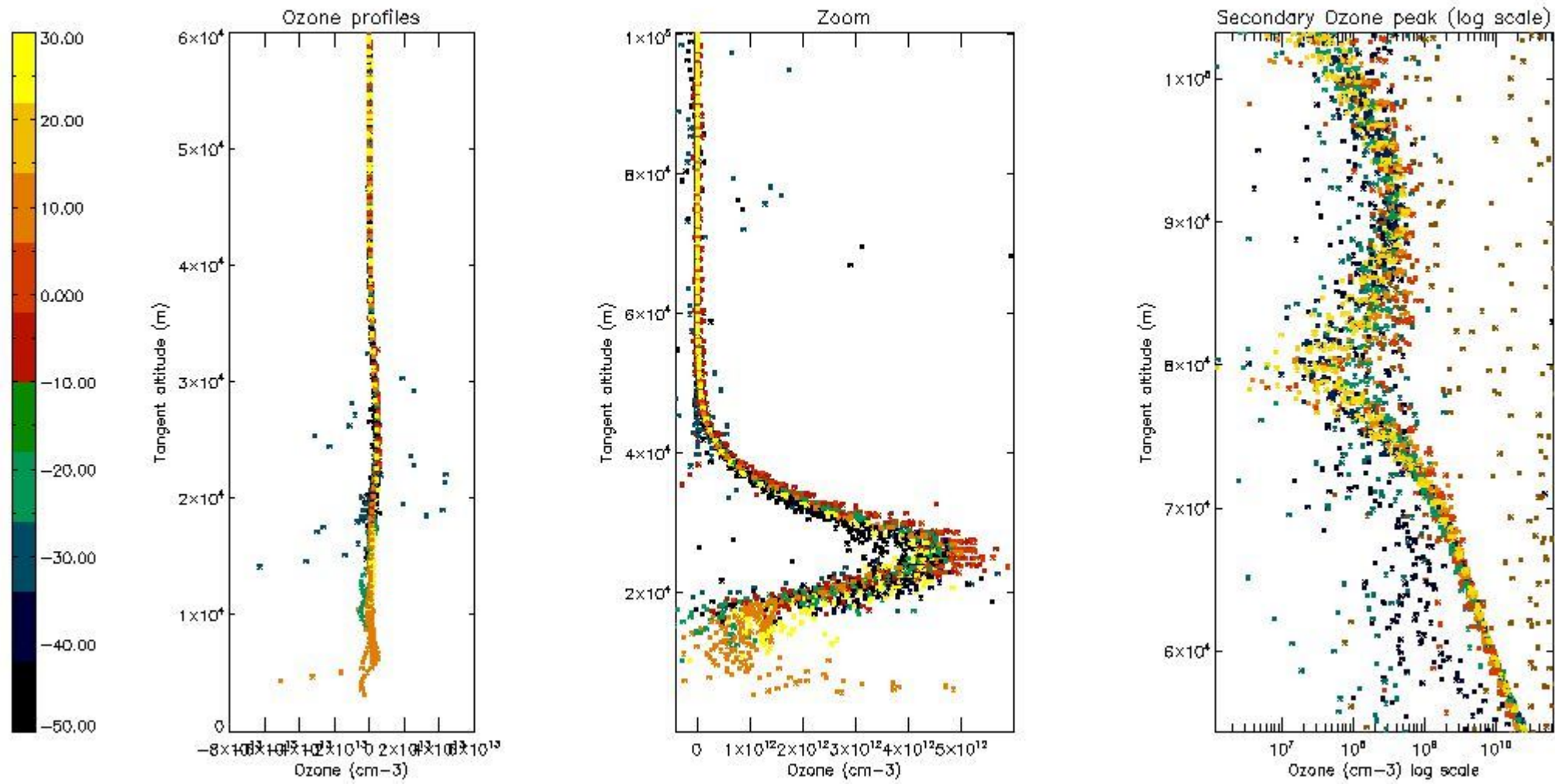
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	18

STD < 10	13
STD < 5	9

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

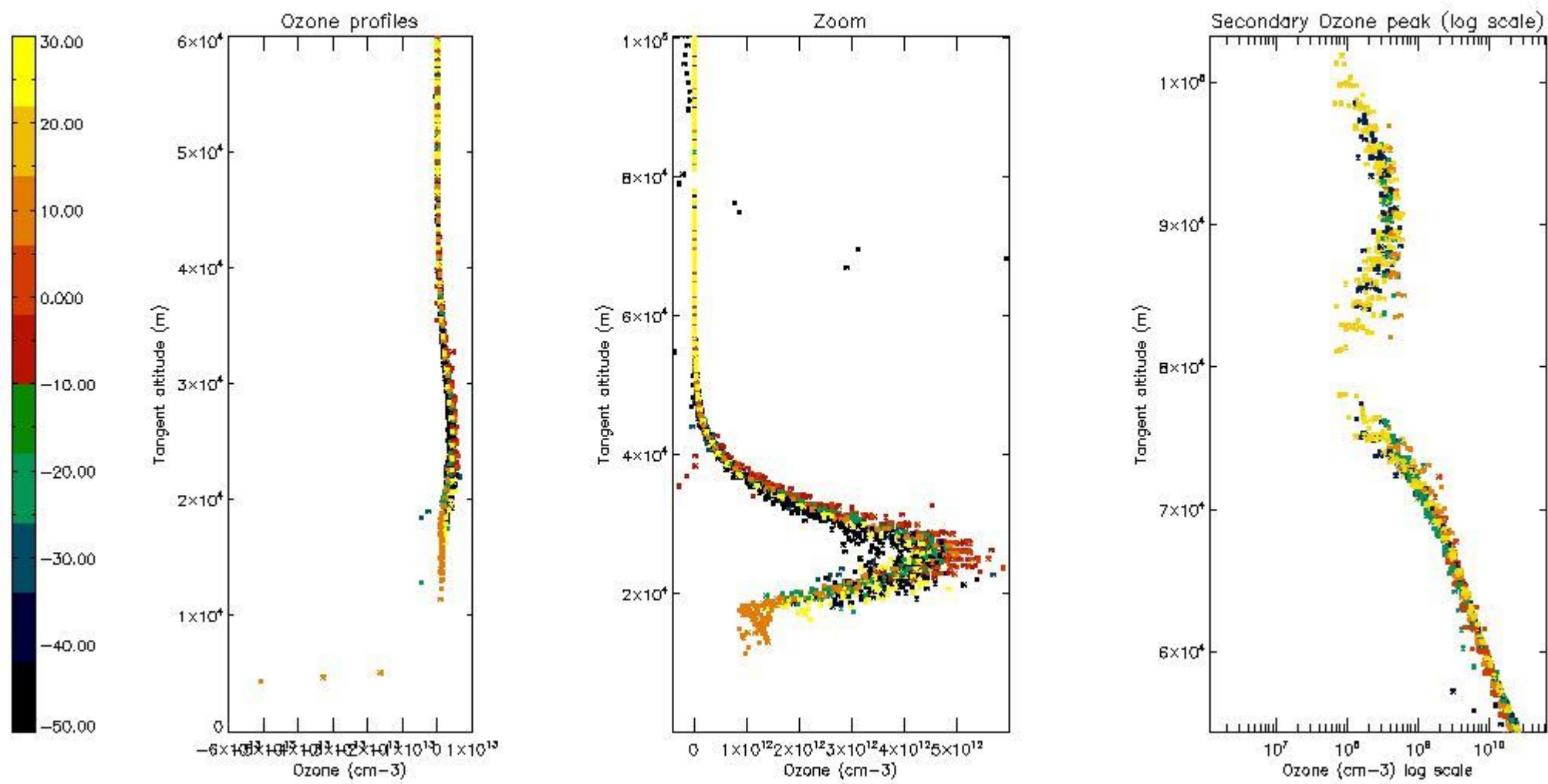
The colorbar represents the latitude.



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

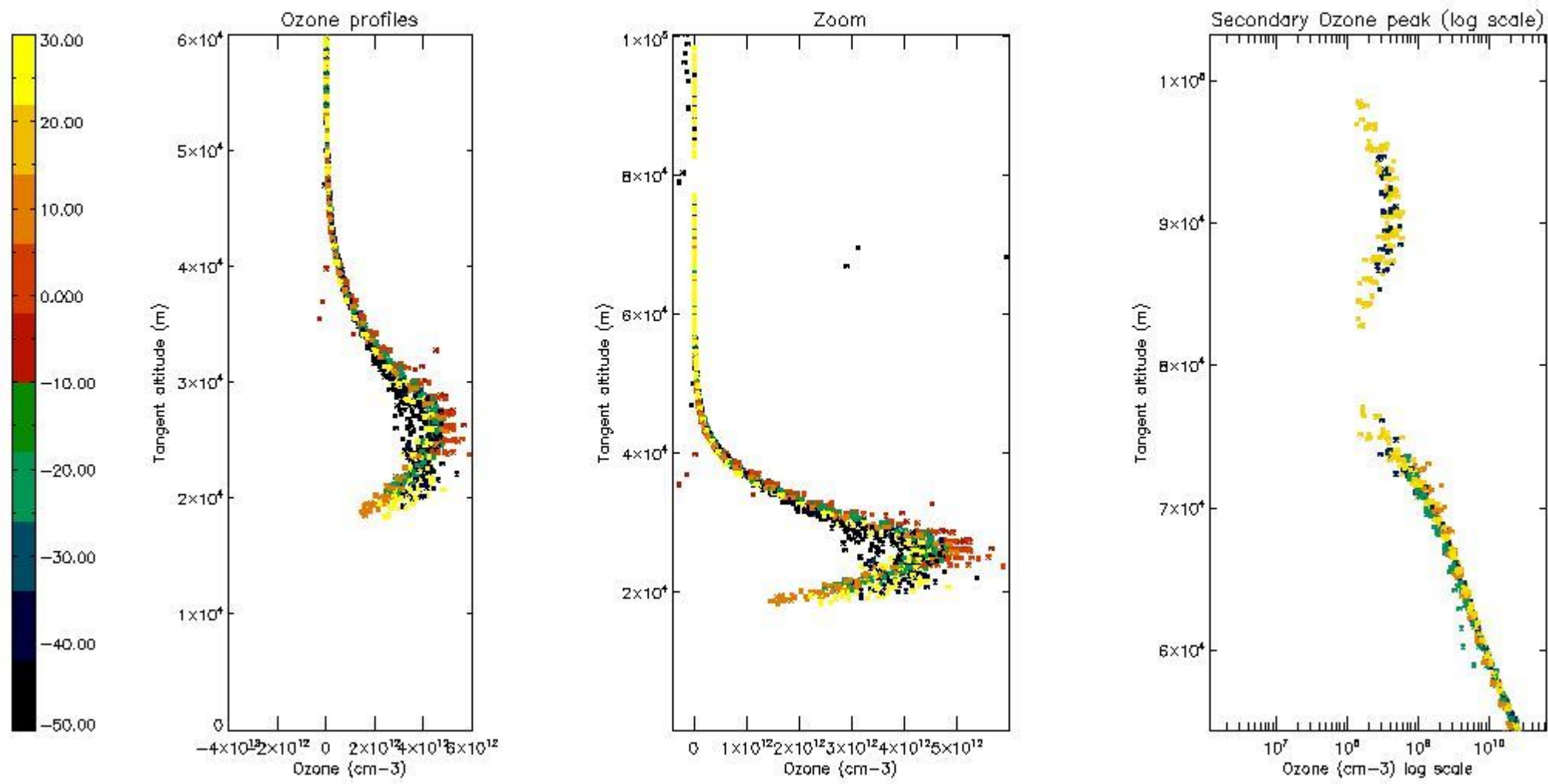
The colorbar represents the latitude.





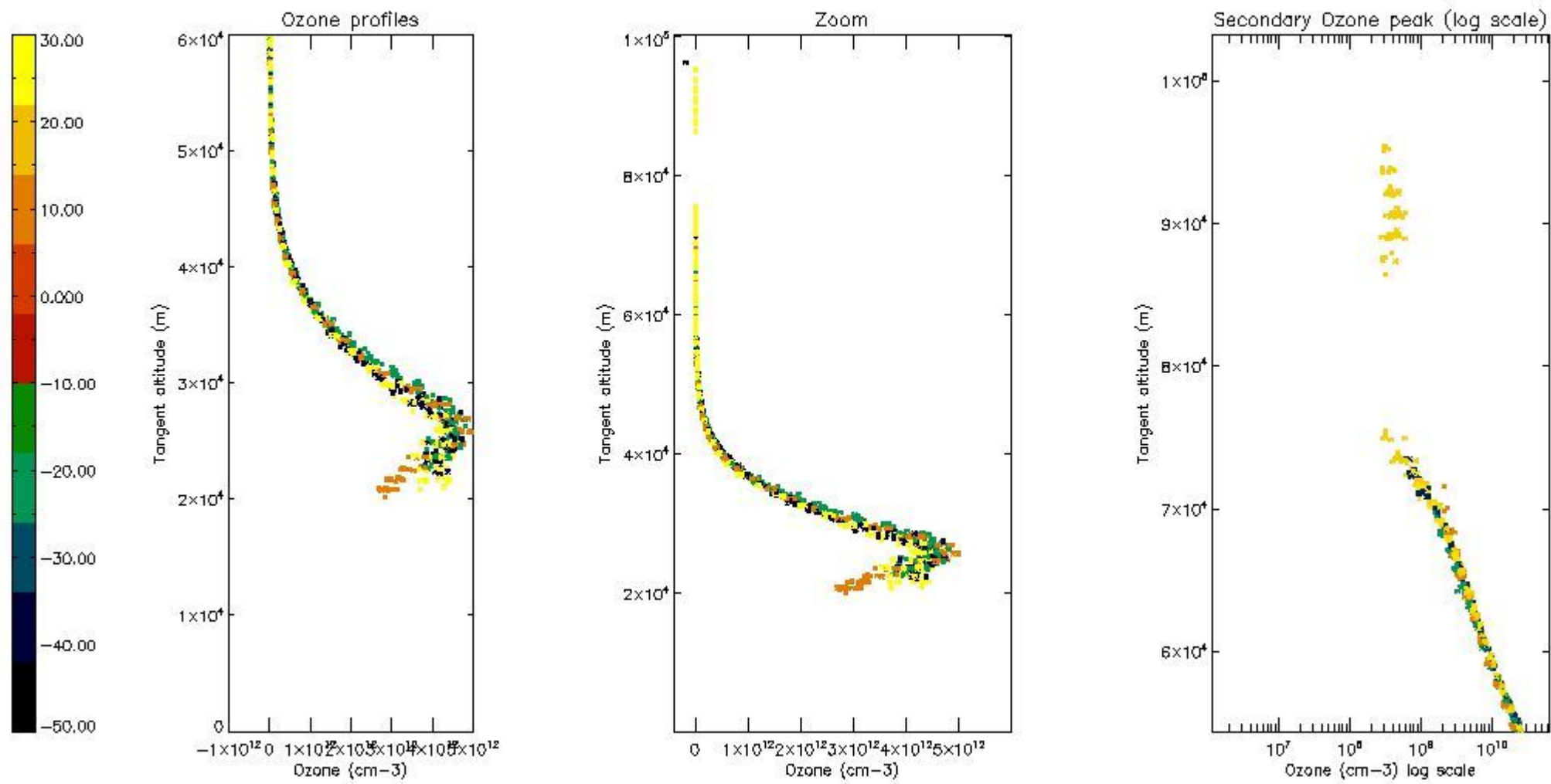
5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)

The colorbar represents the latitude.



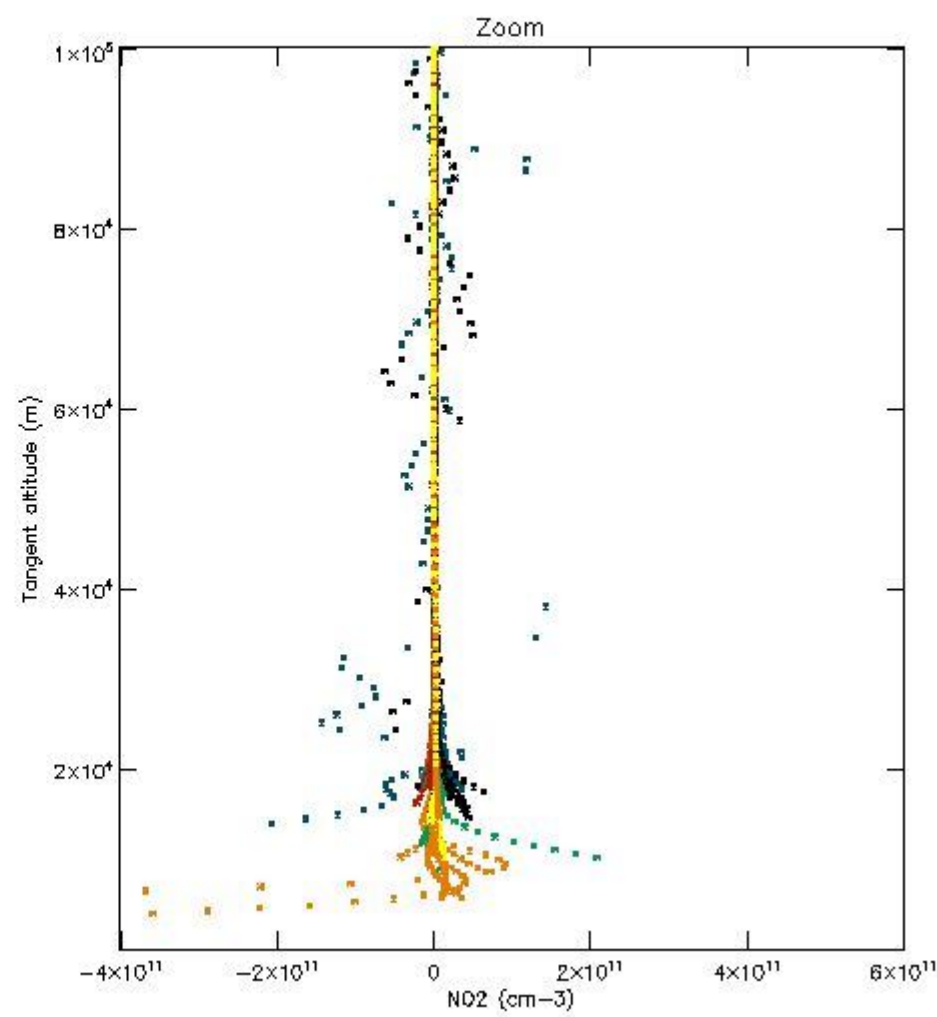
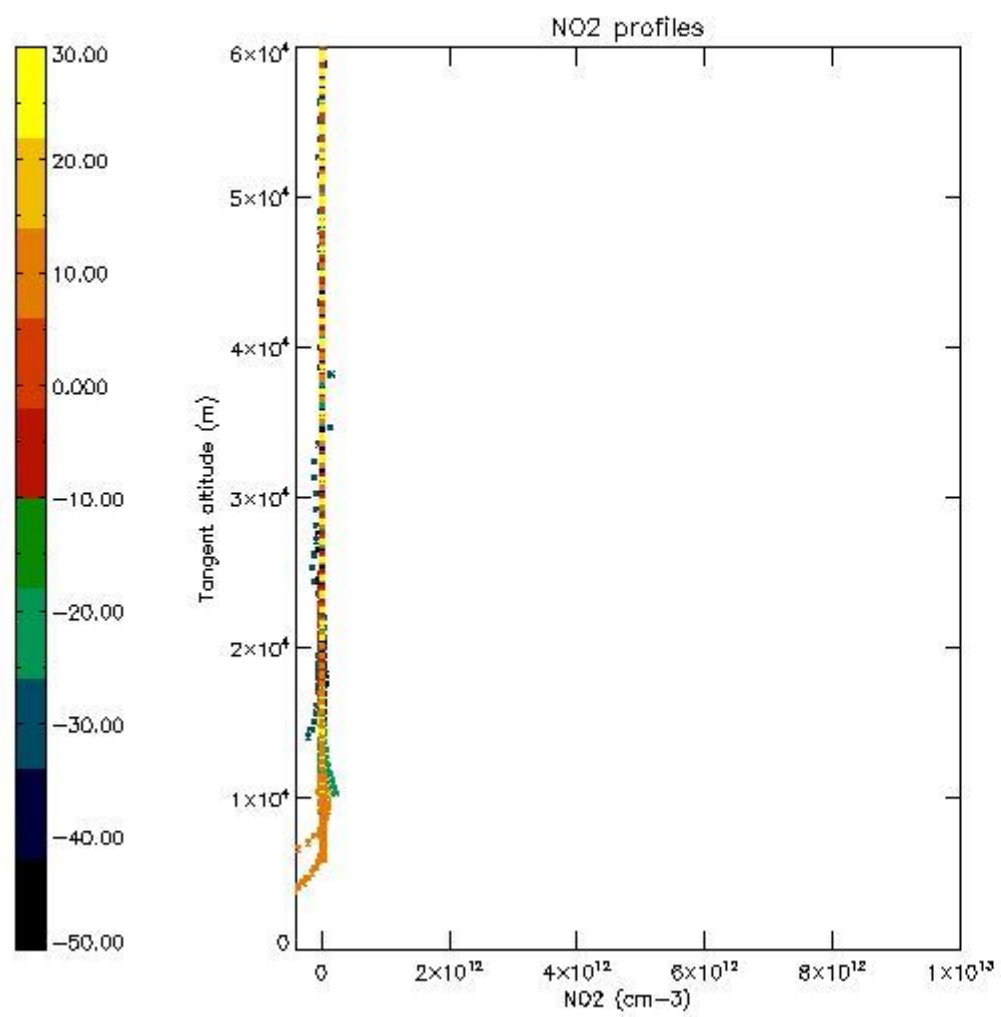
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

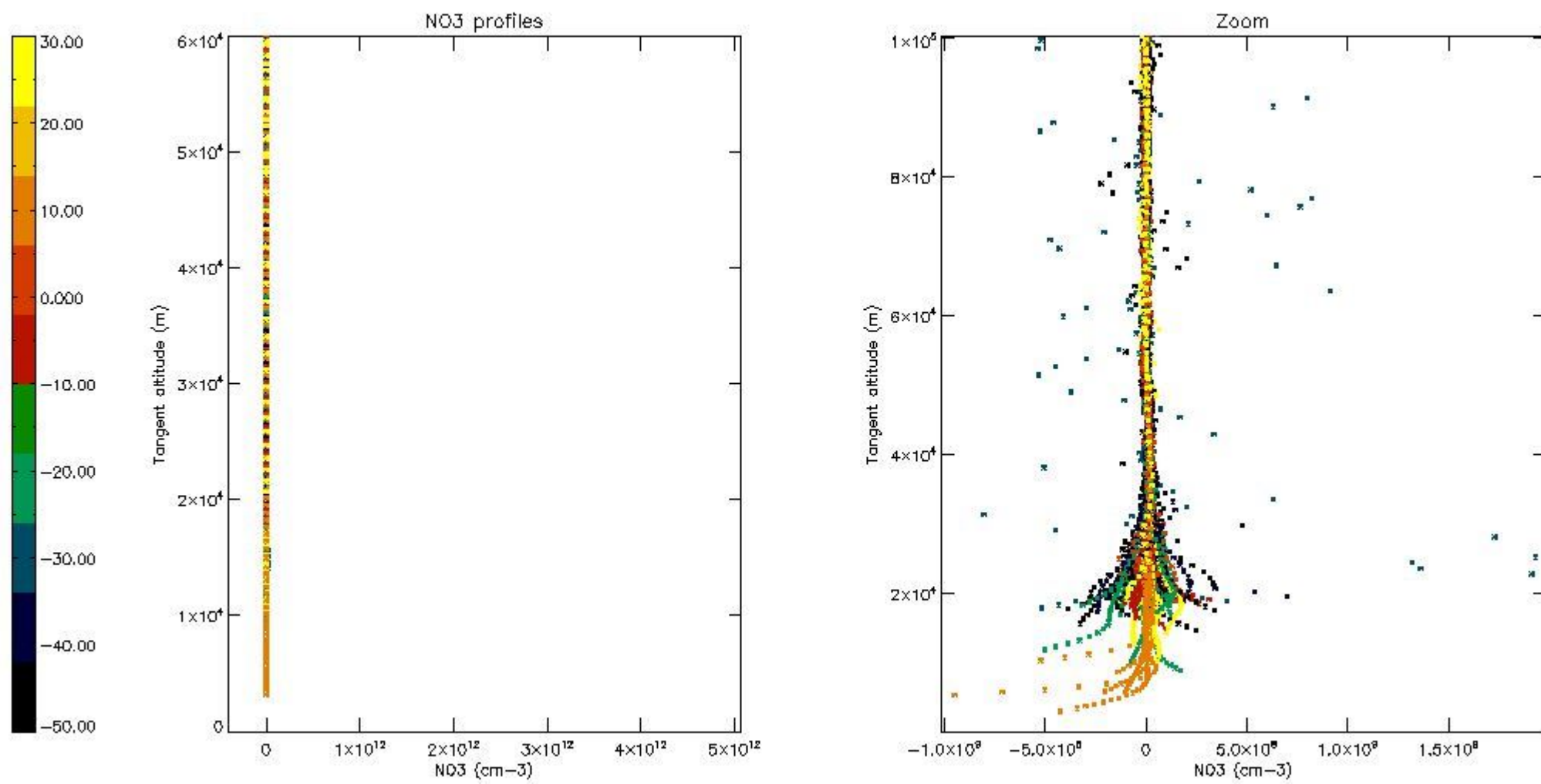
The colorbar represents the latitude.



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

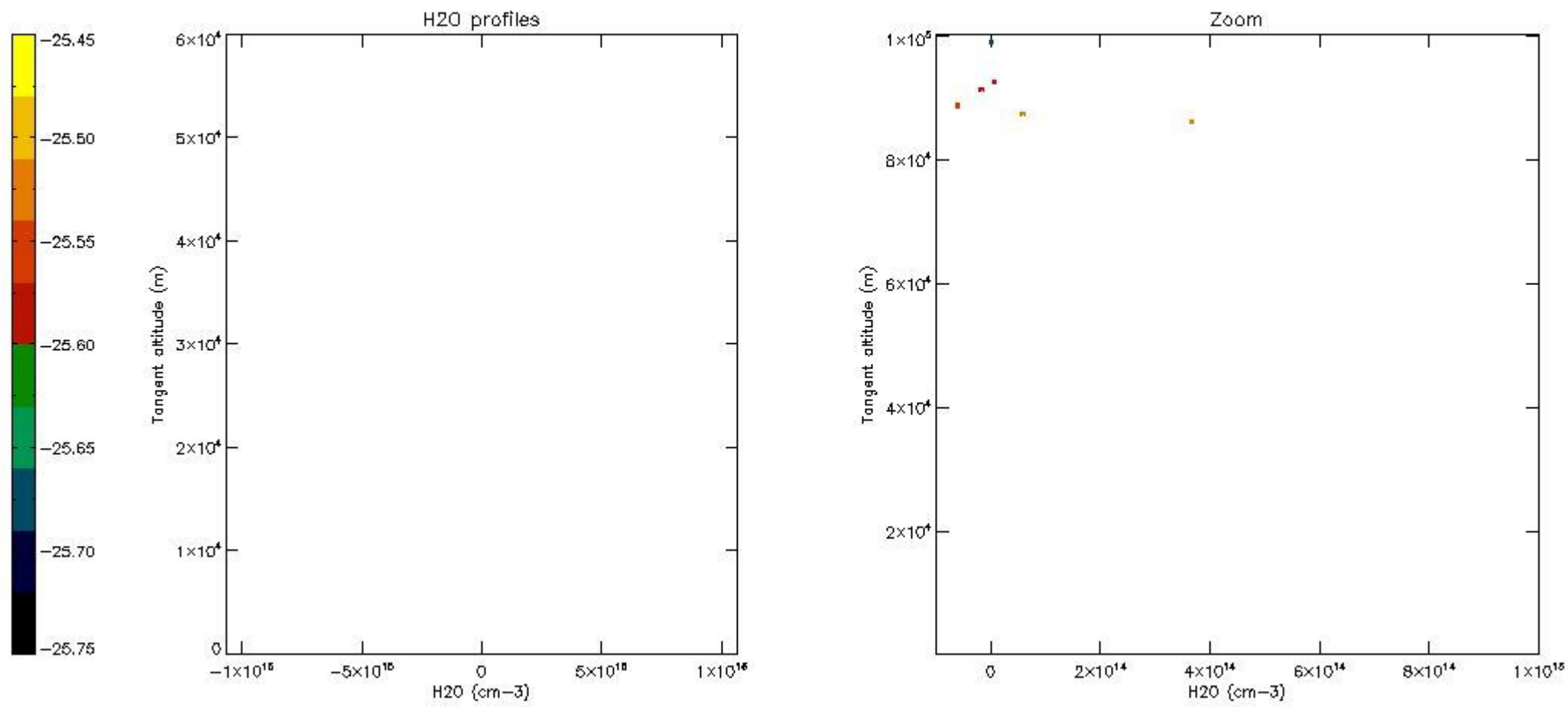
The colorbar represents the latitude.





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

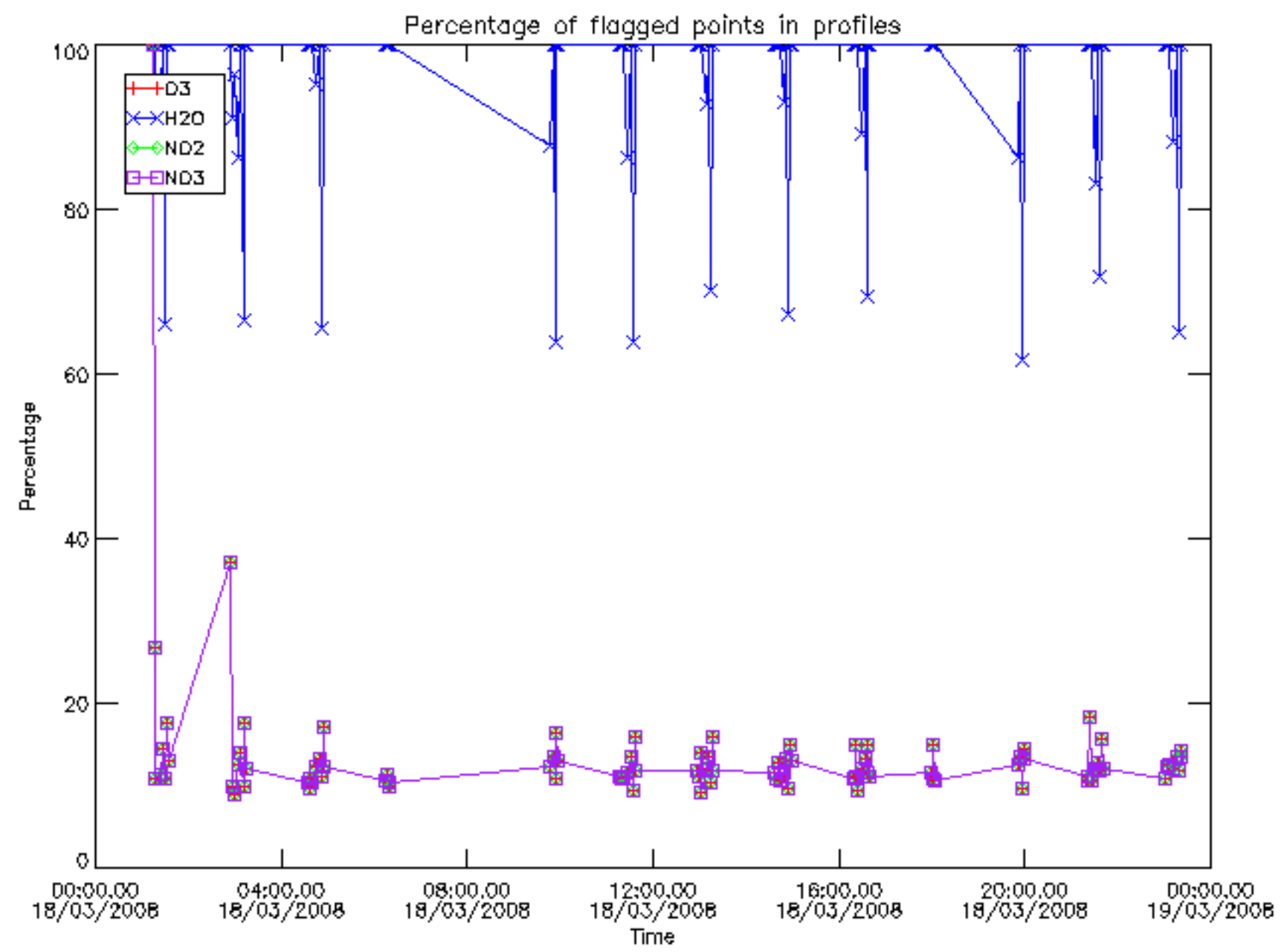
The colorbar represents the latitude.



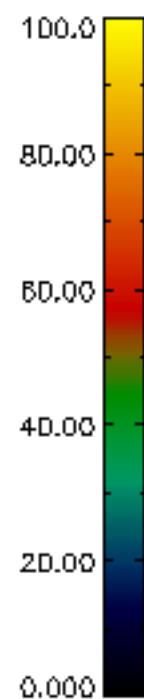
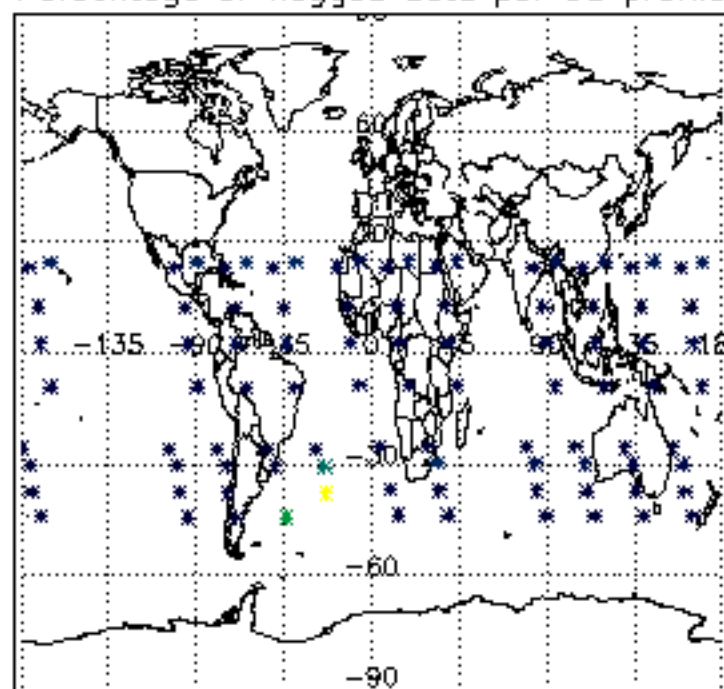
## 6. Auxiliary Data Files used for the production reported in section 2

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

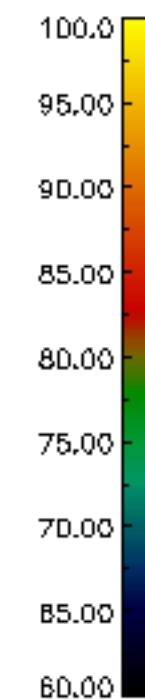
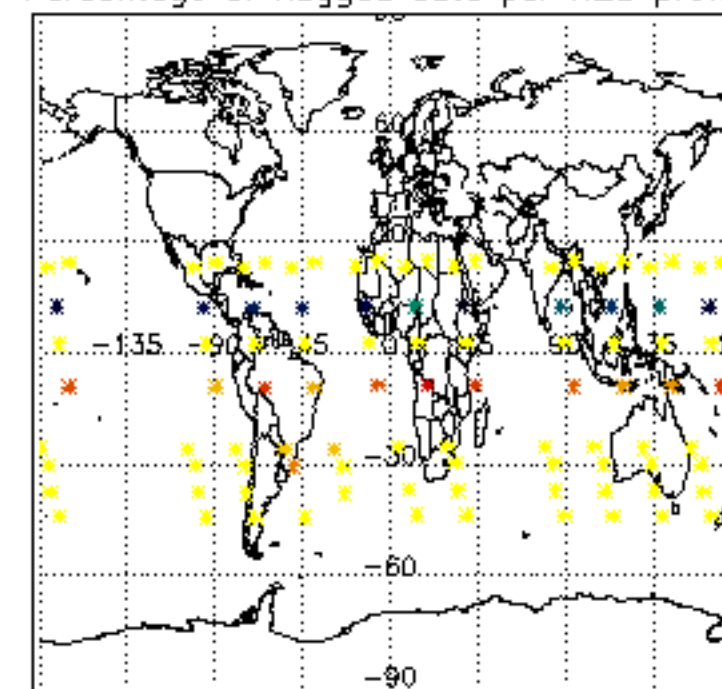
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-MAR-2008 00:03:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-MAR-2008 00:03:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-MAR-2008 00:03:43



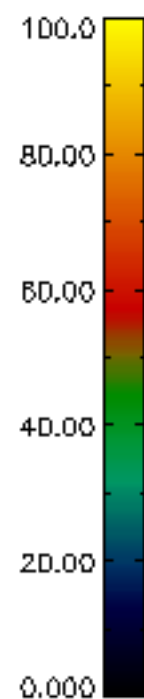
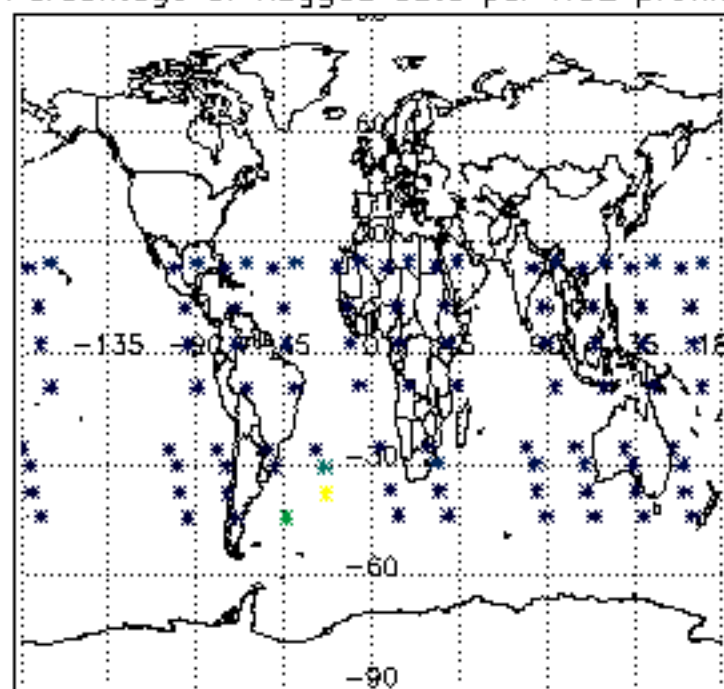
Percentage of flagged data per D3 profile



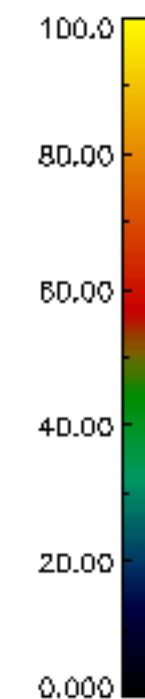
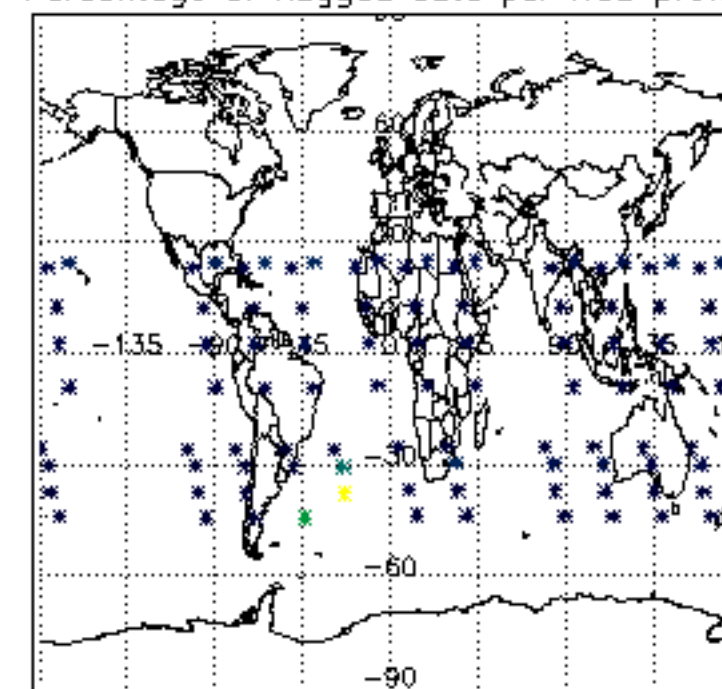
Percentage of flagged data per H2O profile



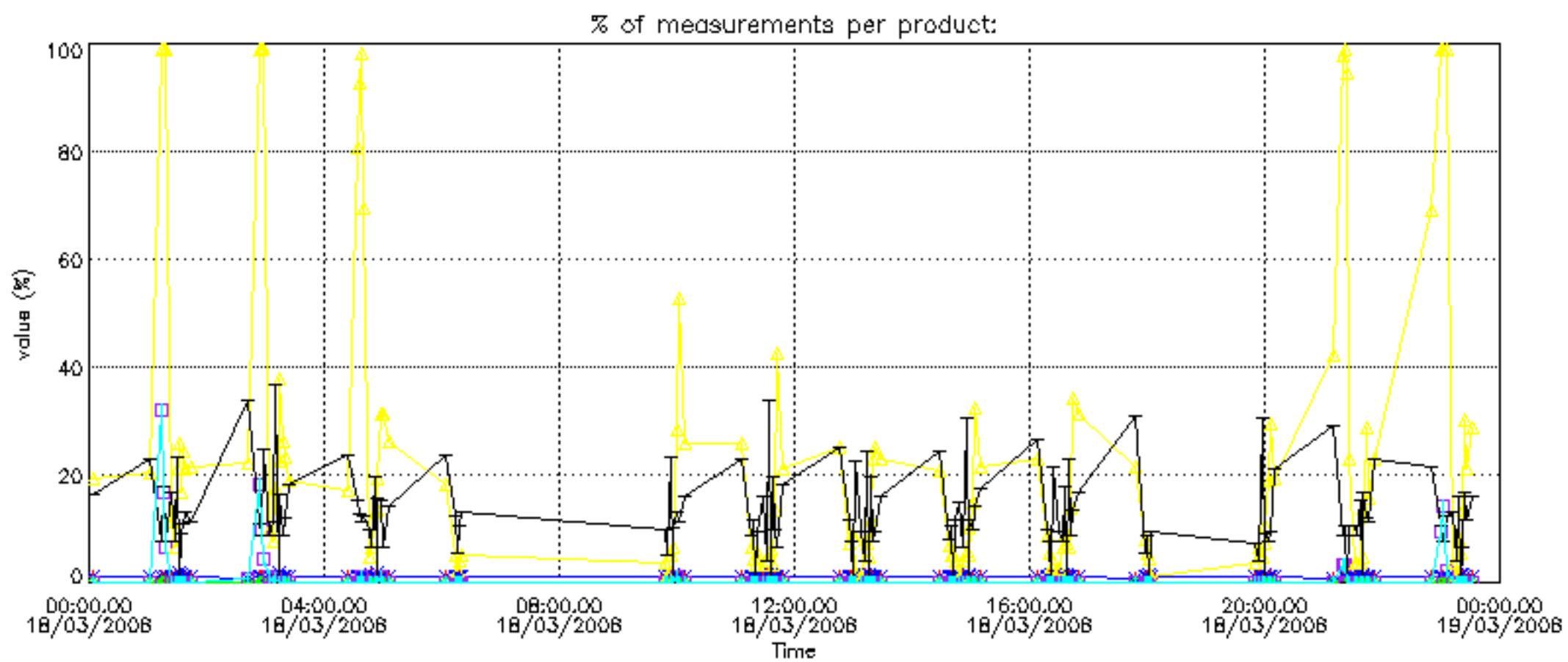
Percentage of flagged data per NO2 profile

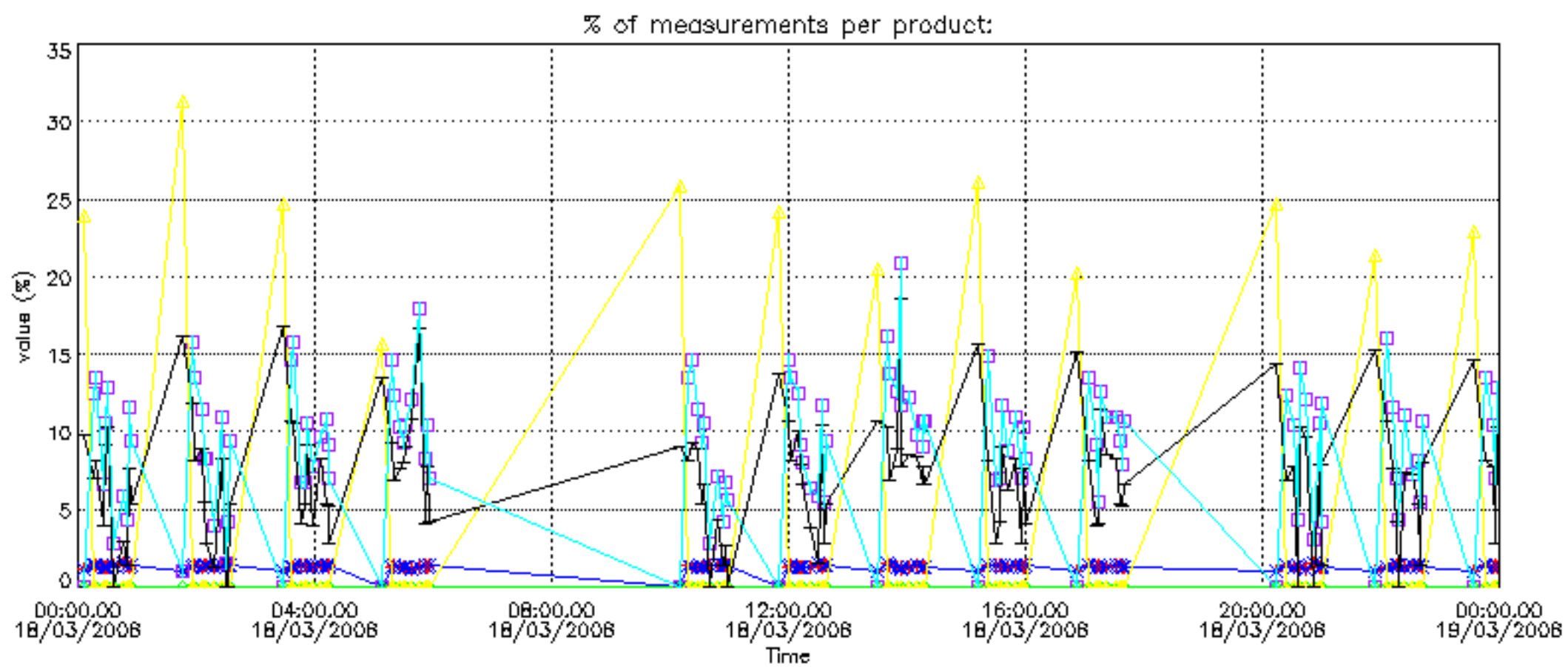


Percentage of flagged data per NO3 profile

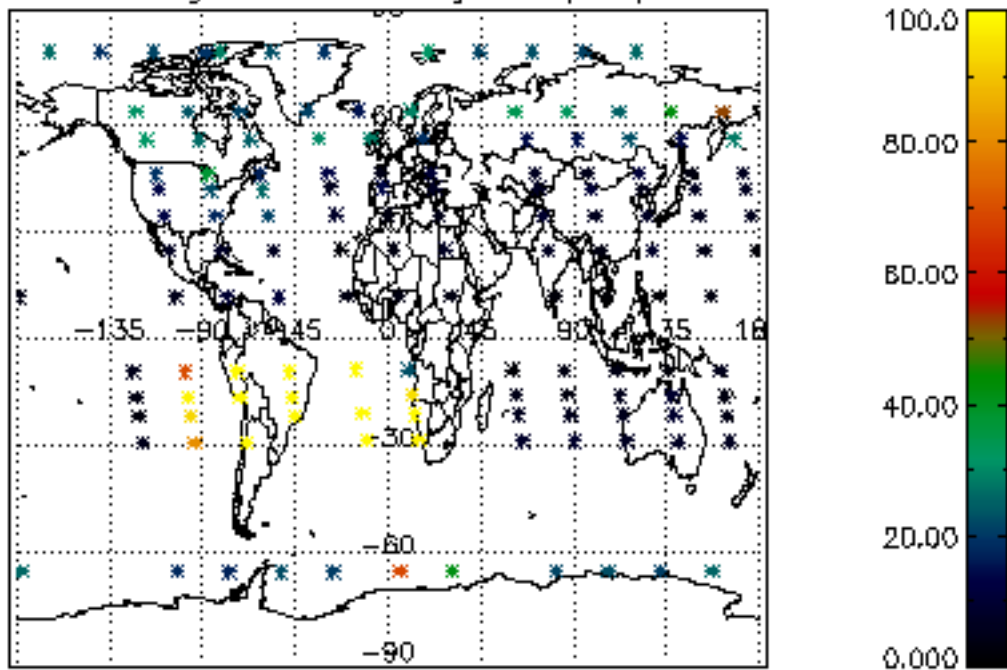




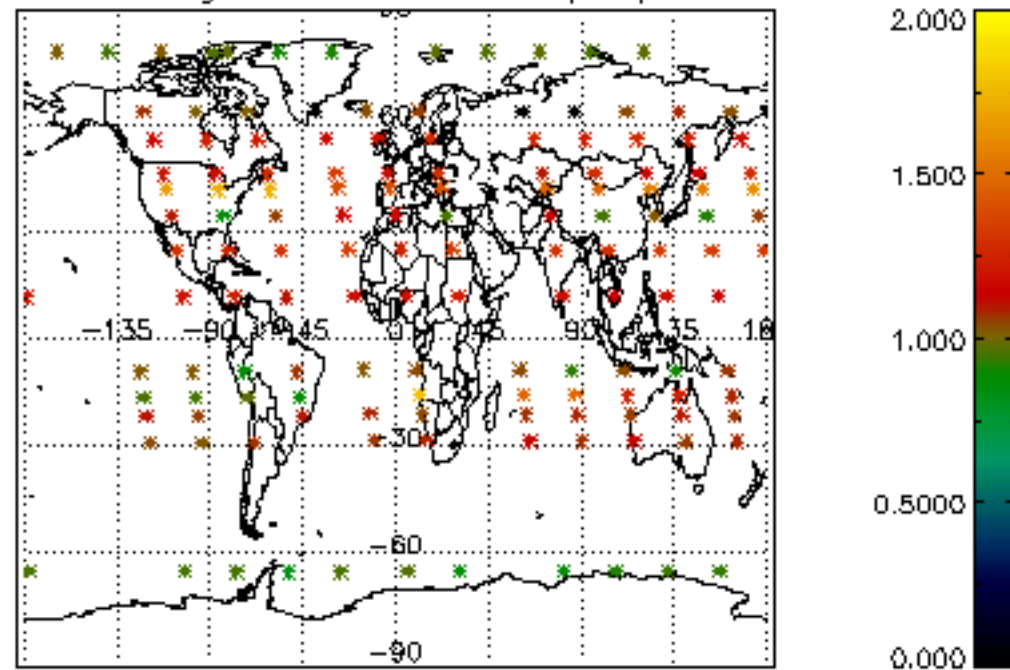




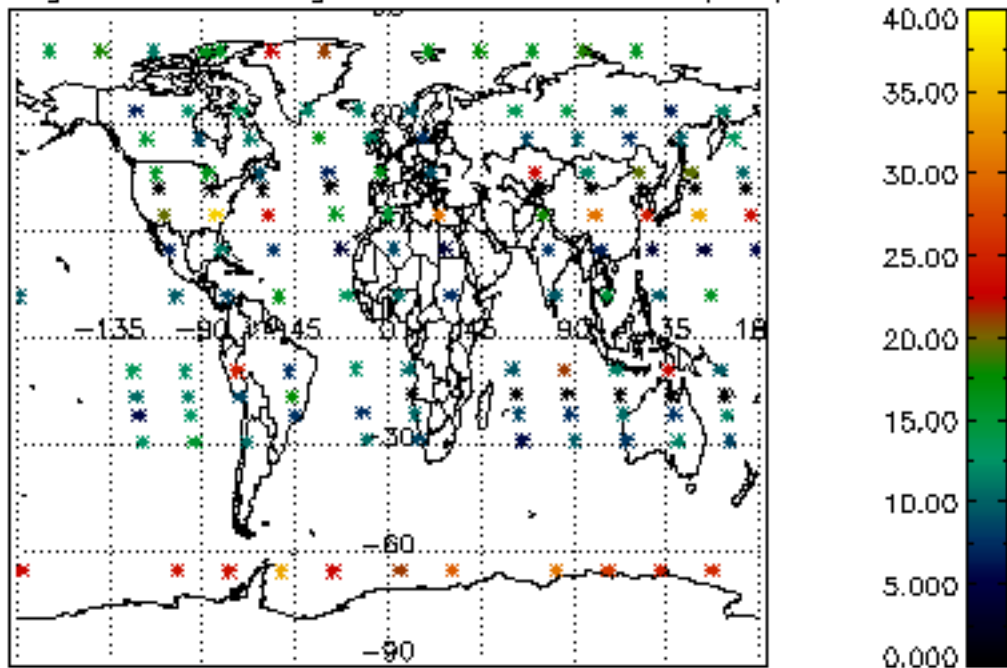
Percentage of cosmic ray hits per profile



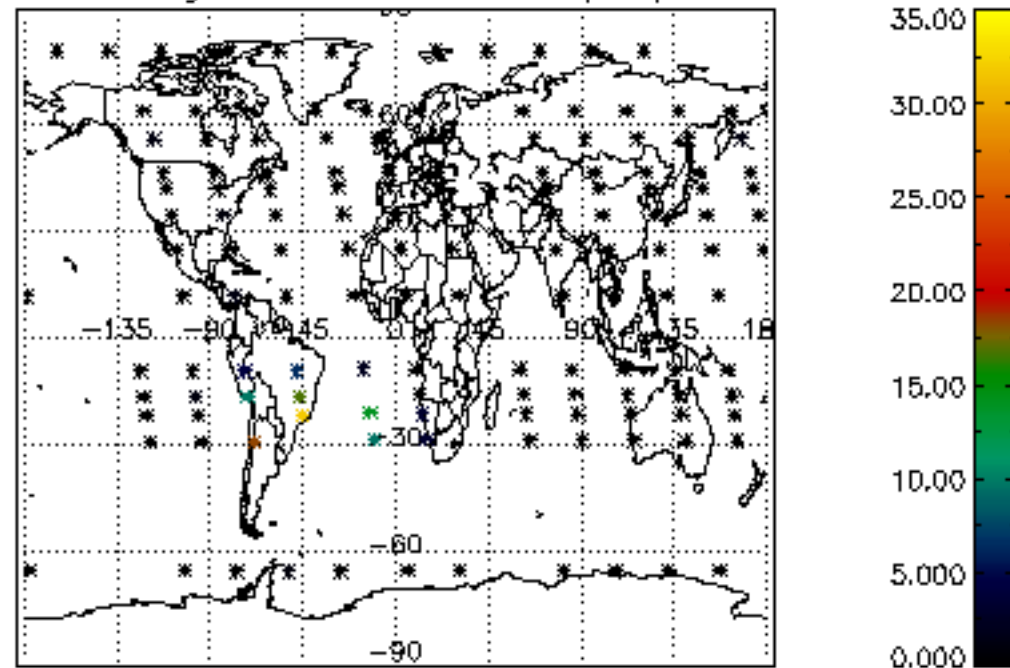
Percentage of datation errors per profile



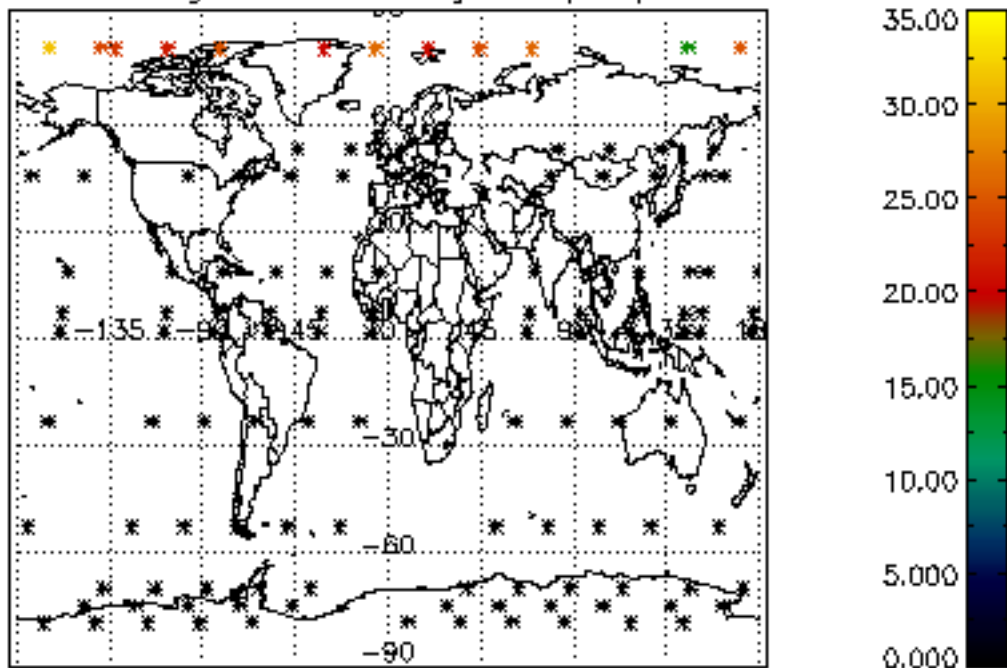
Percentage of star falling outside central band per profile



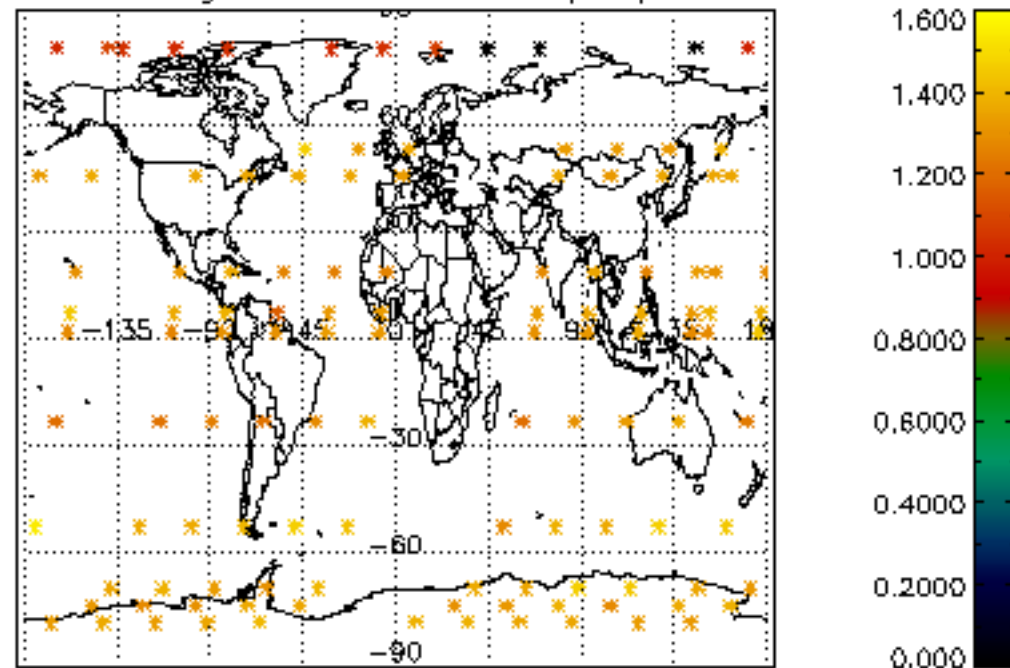
Percentage of saturation errors per profile



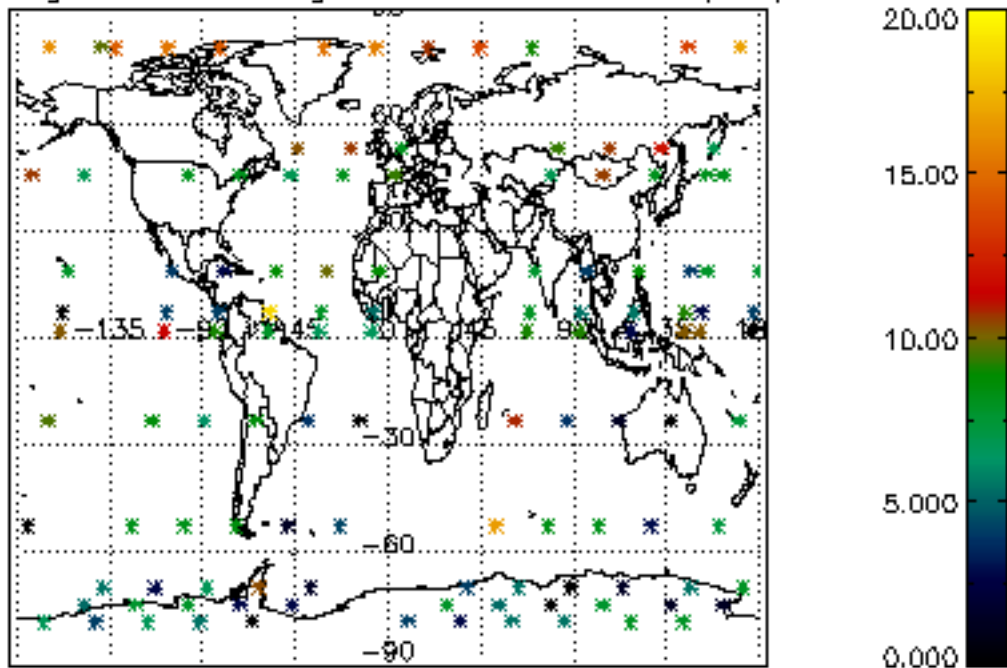
Percentage of cosmic ray hits per profile



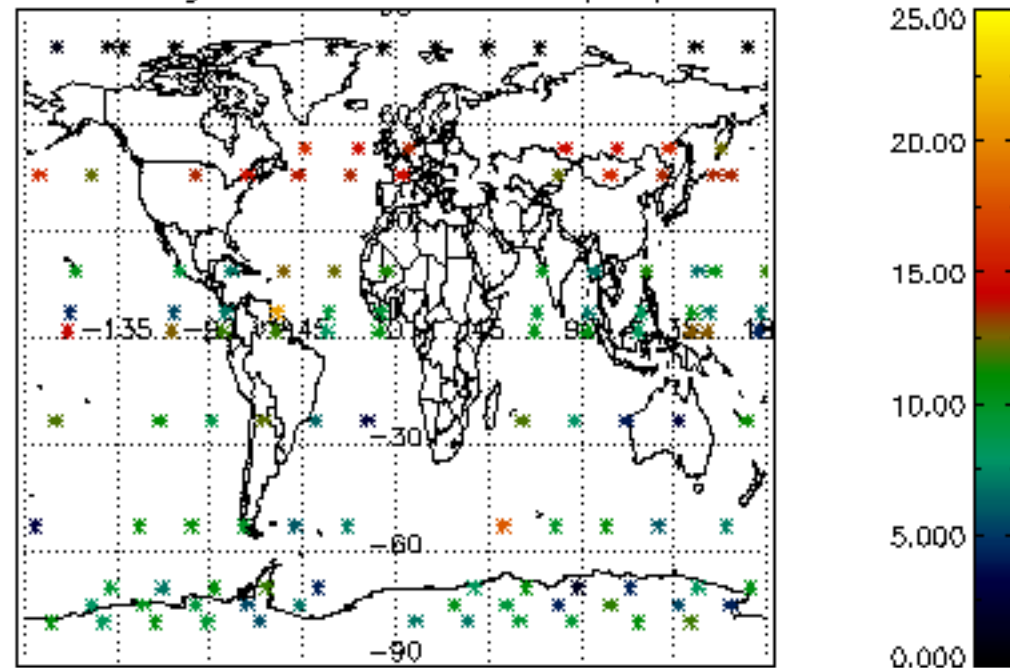
Percentage of datation errors per profile



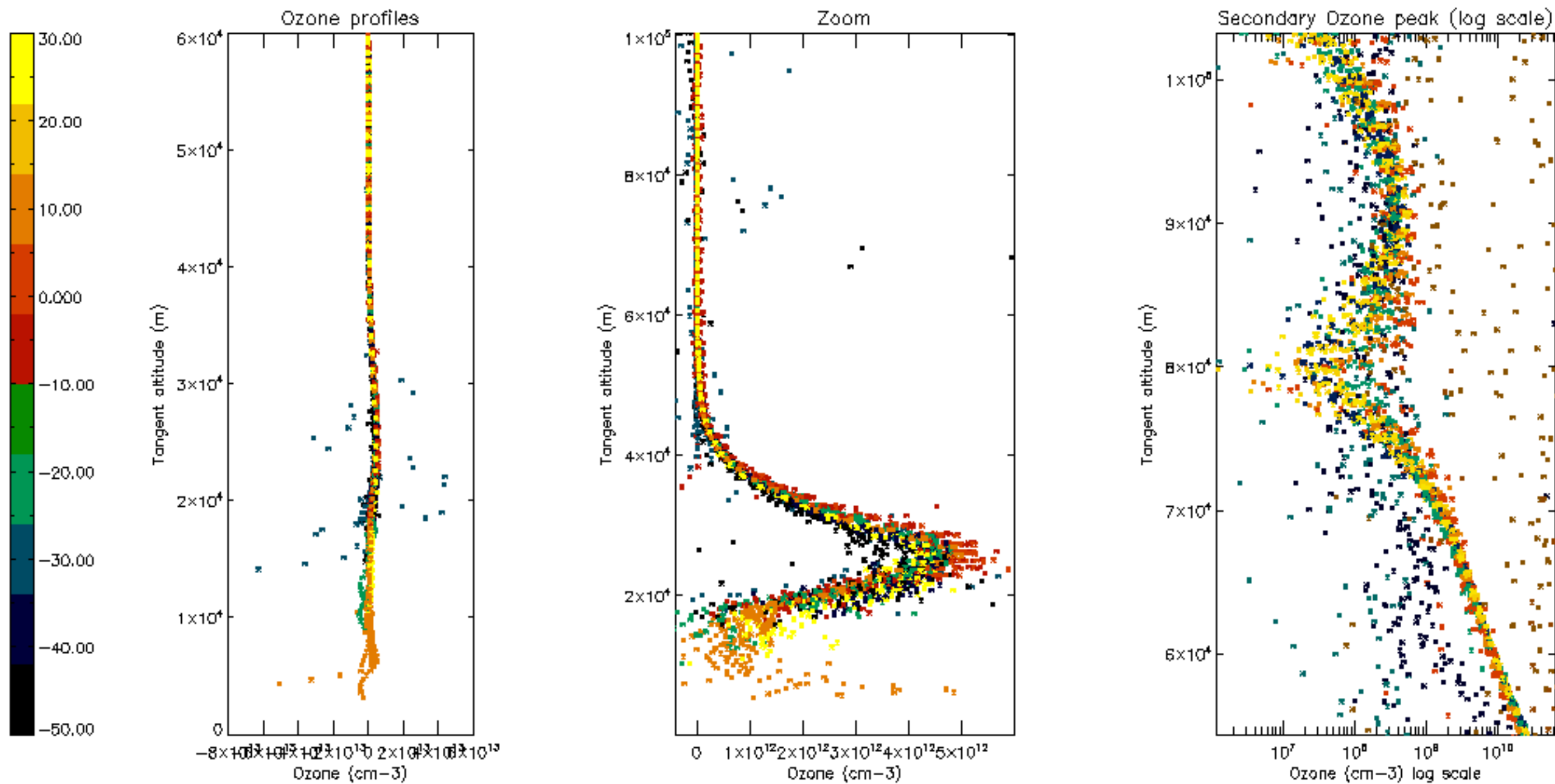
Percentage of star falling outside central band per profile

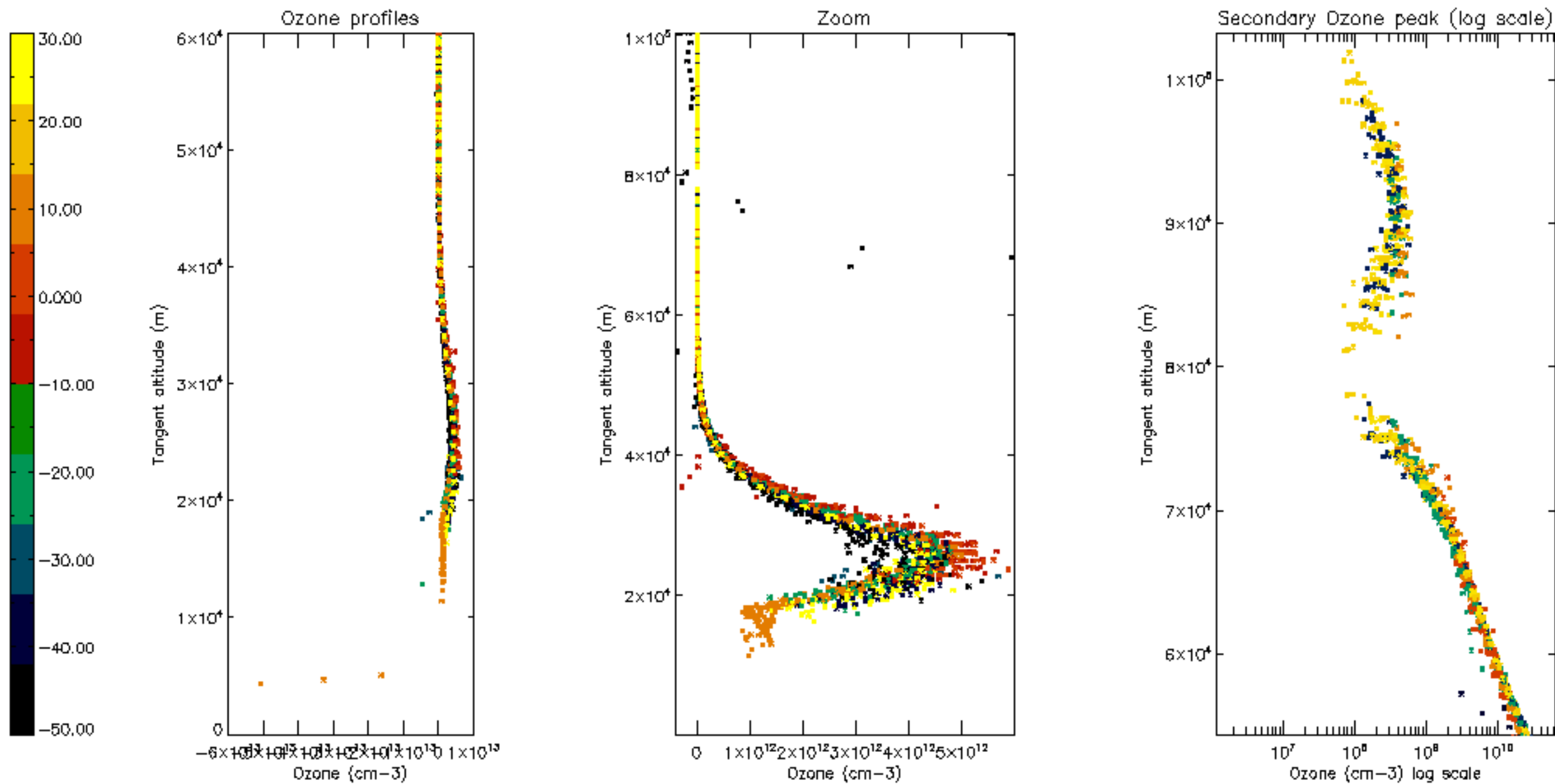


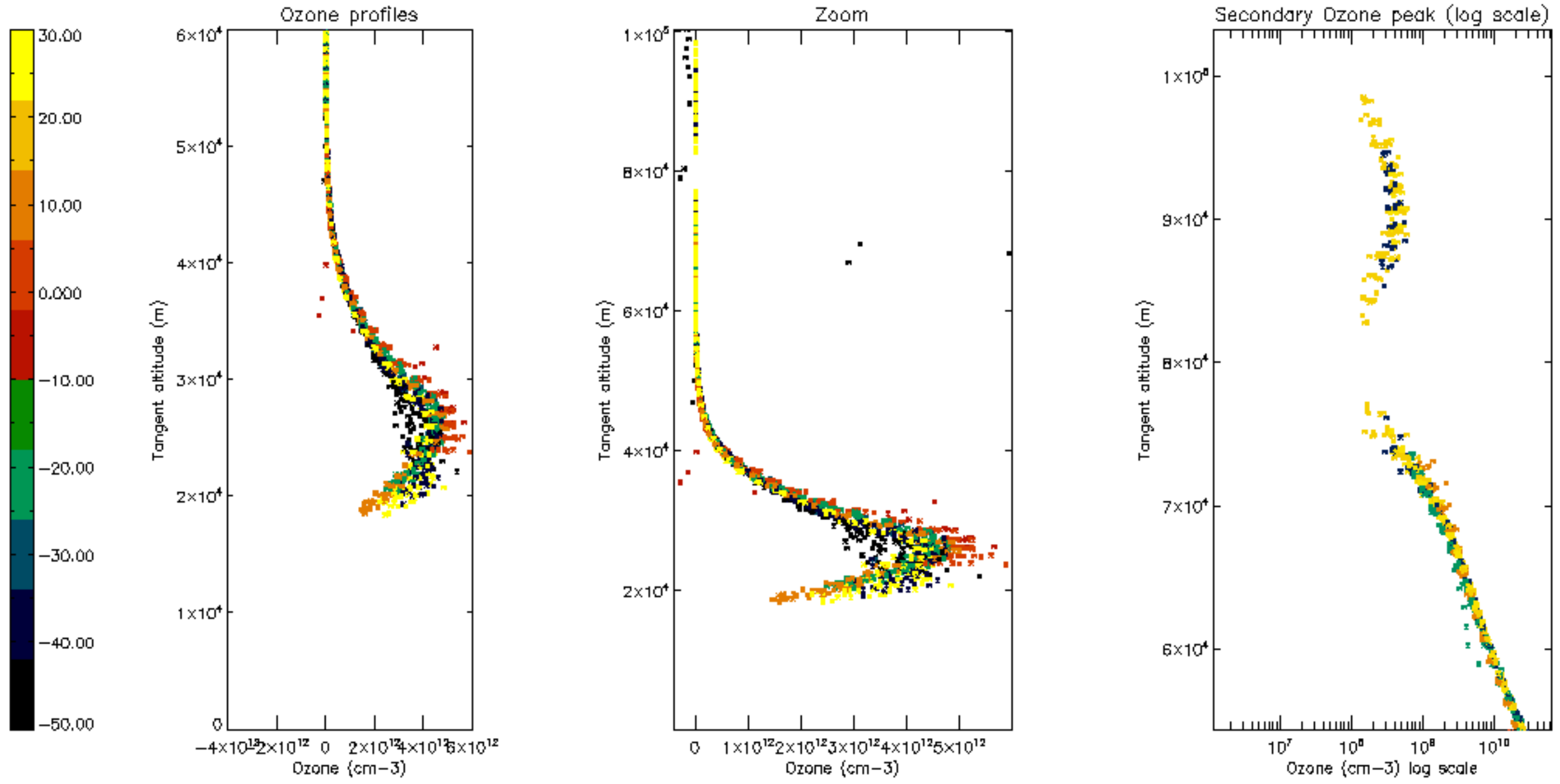
Percentage of saturation errors per profile

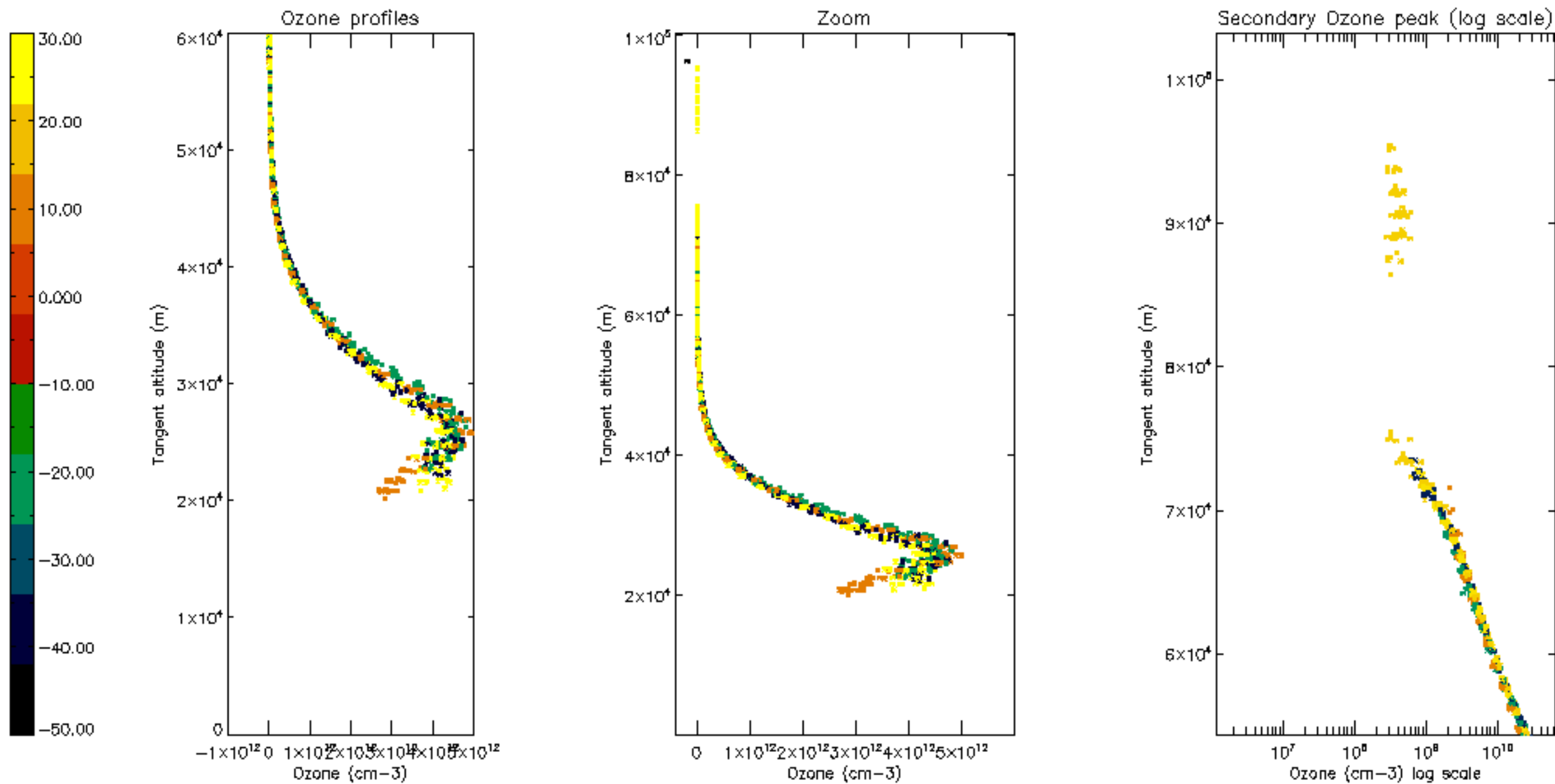




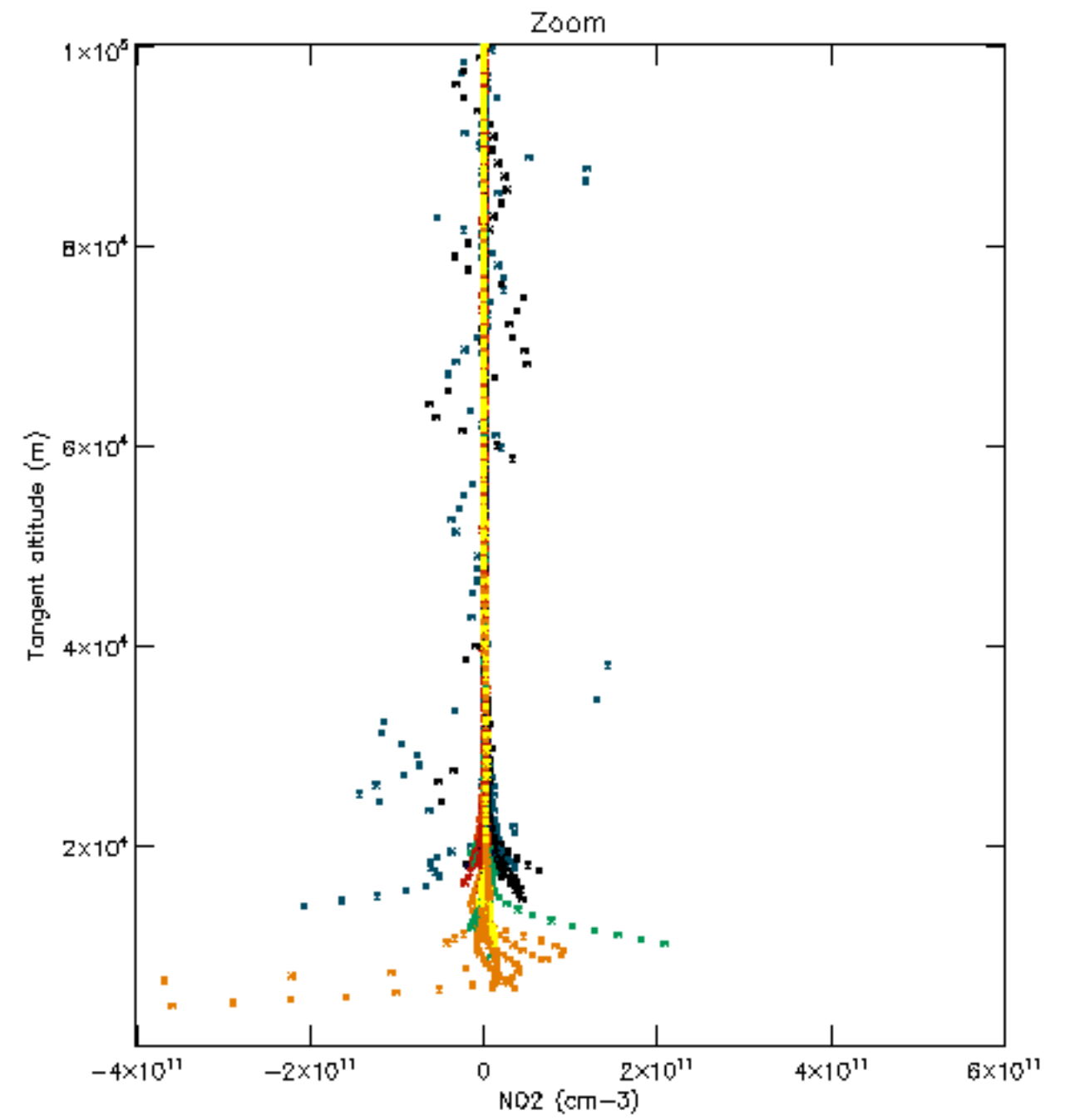
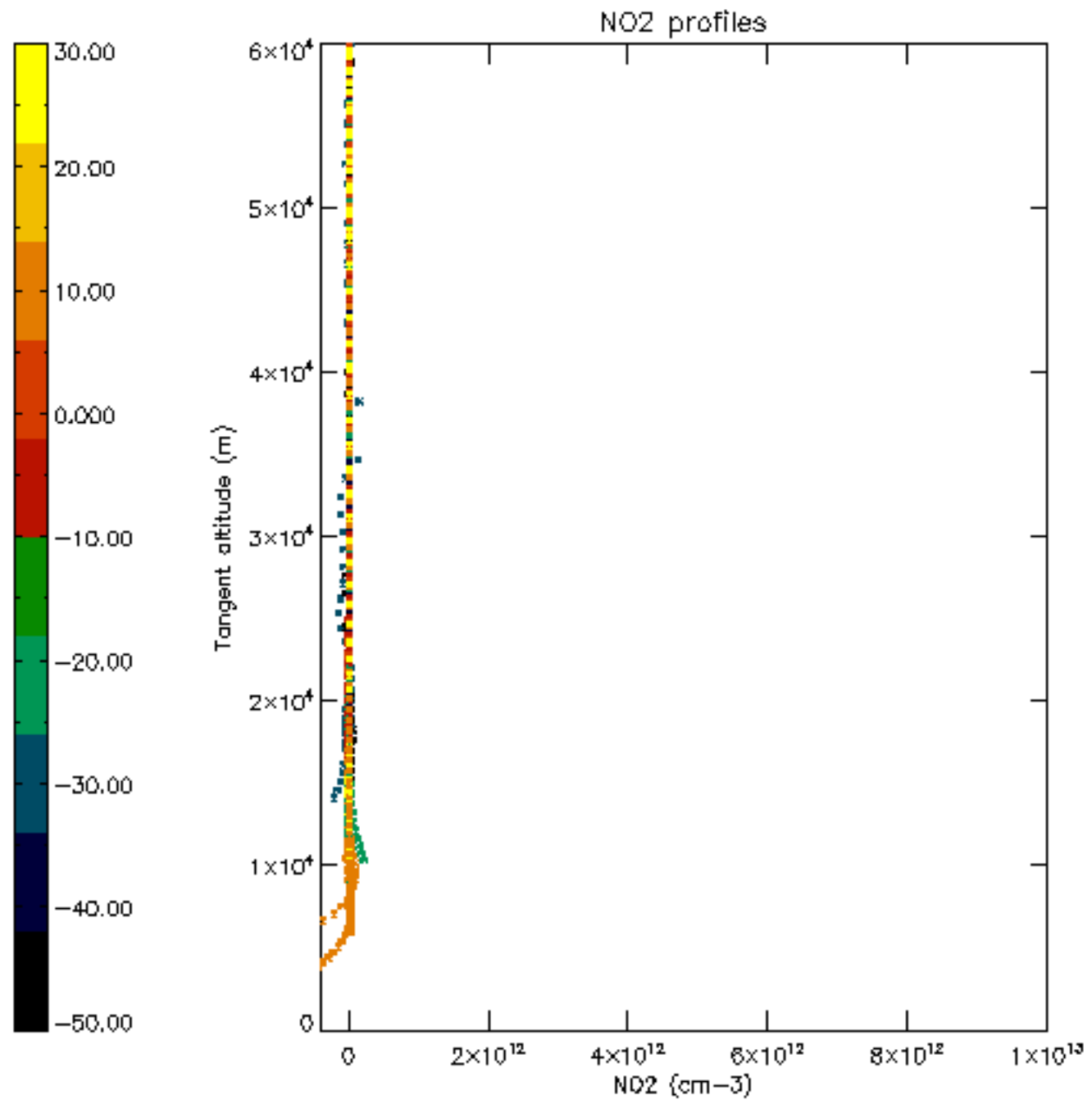


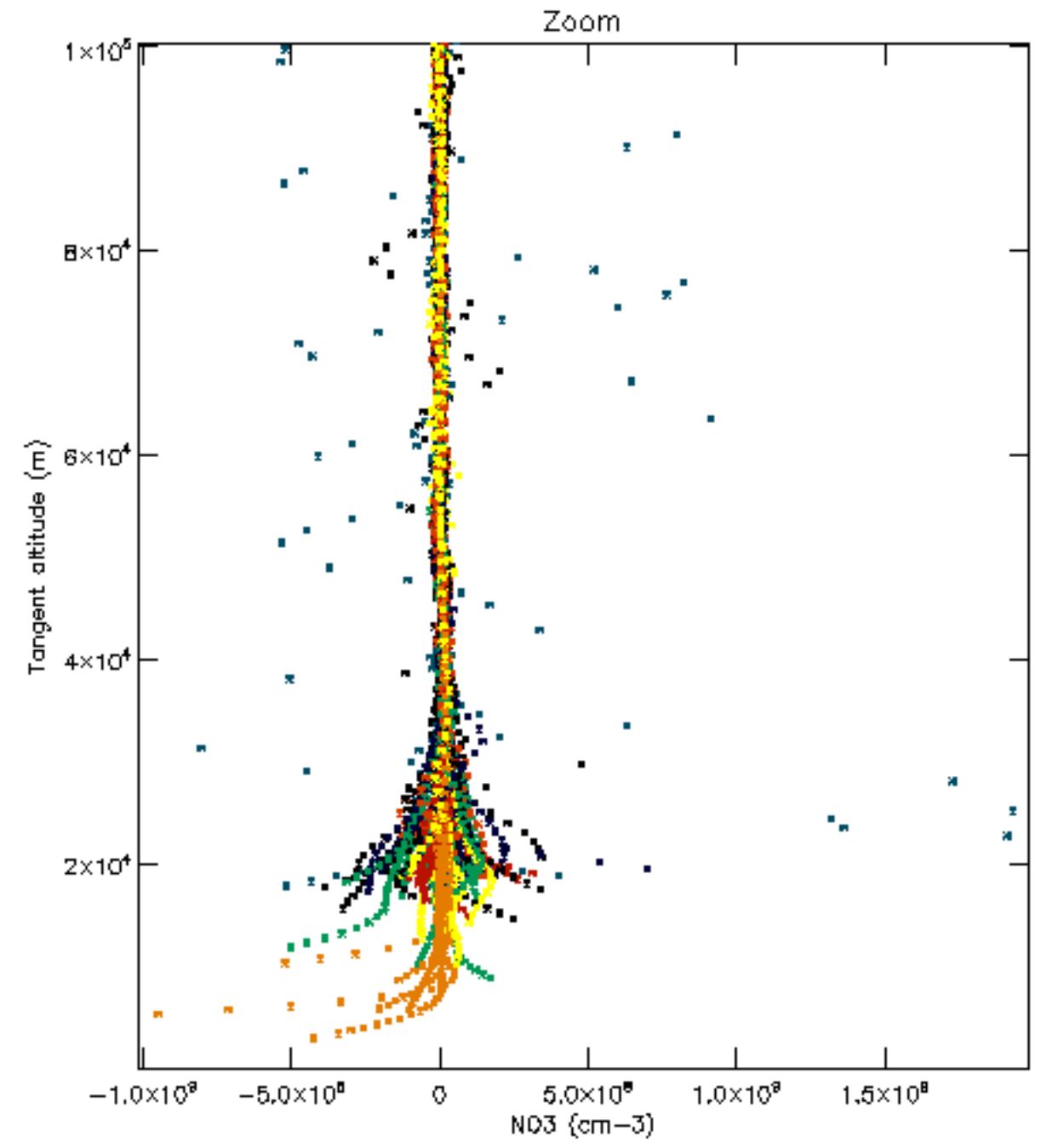
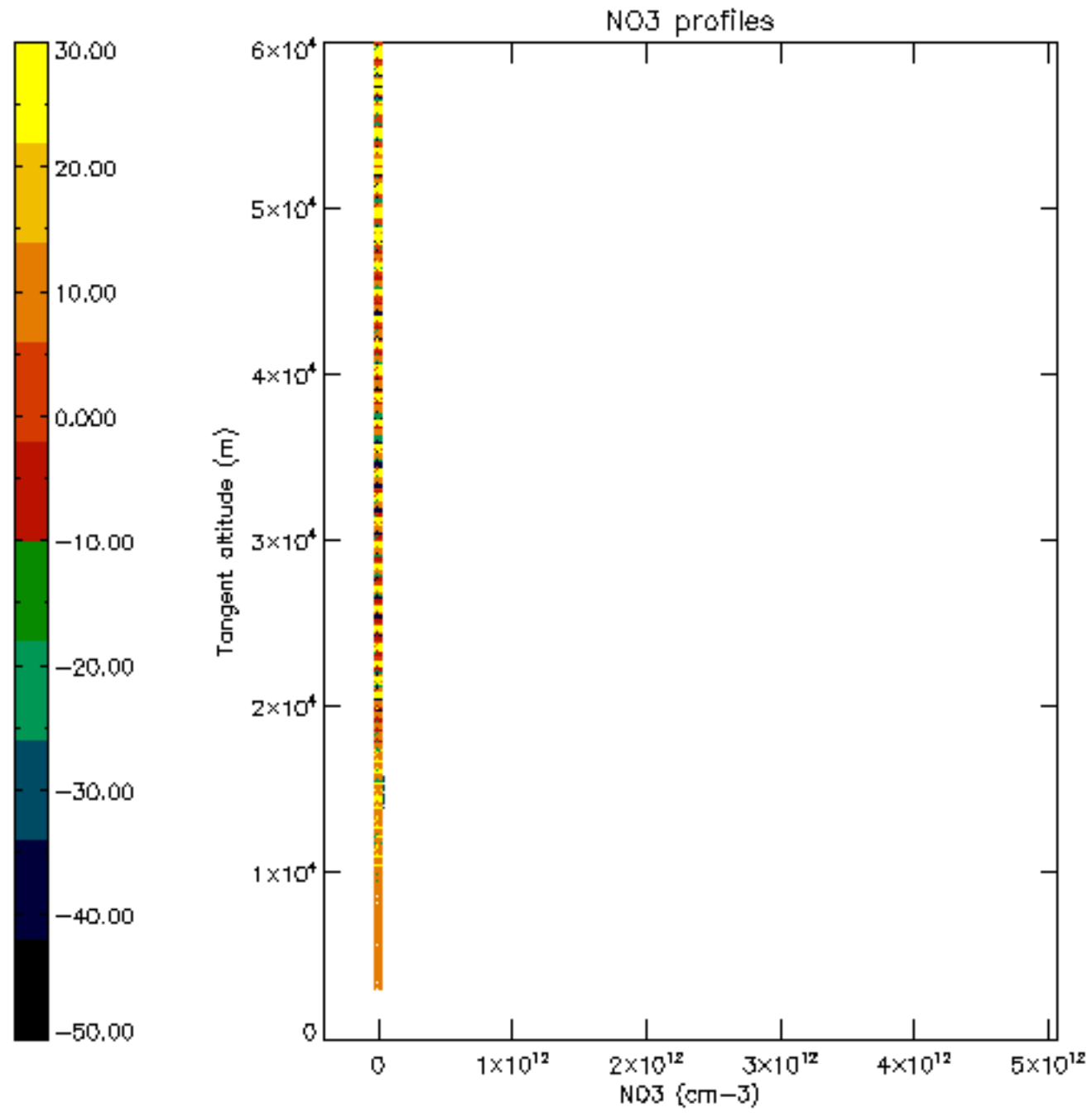


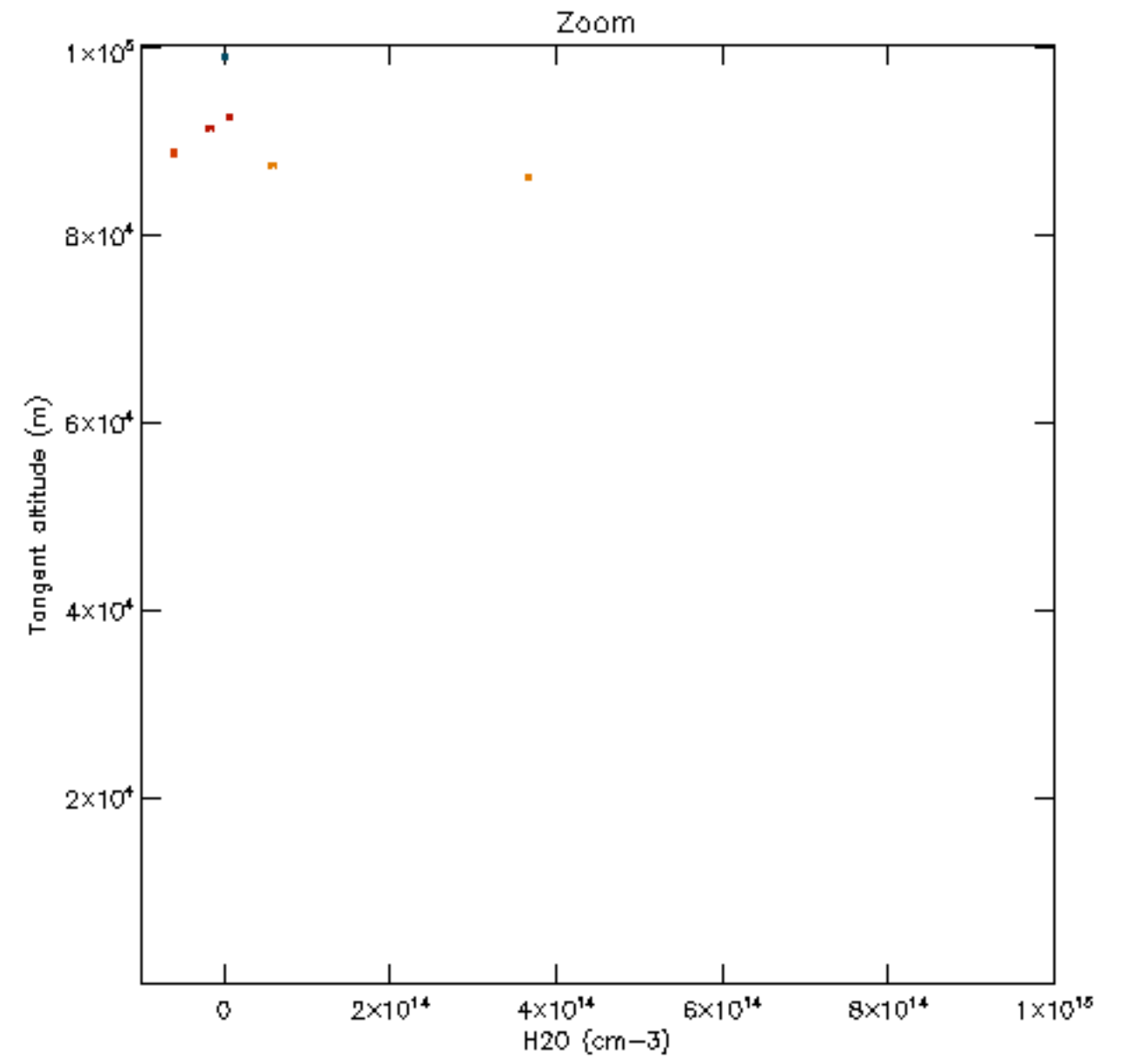
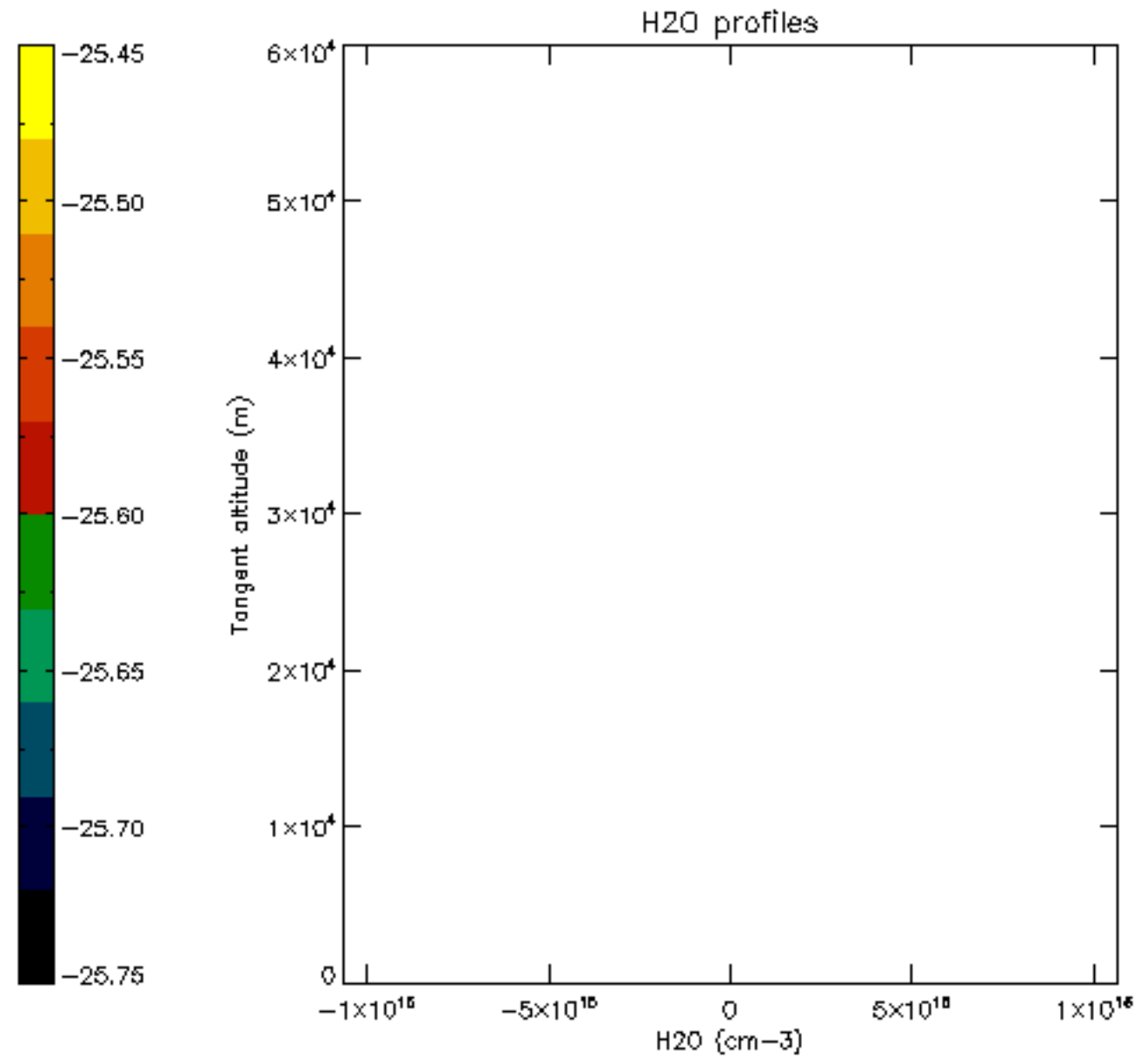




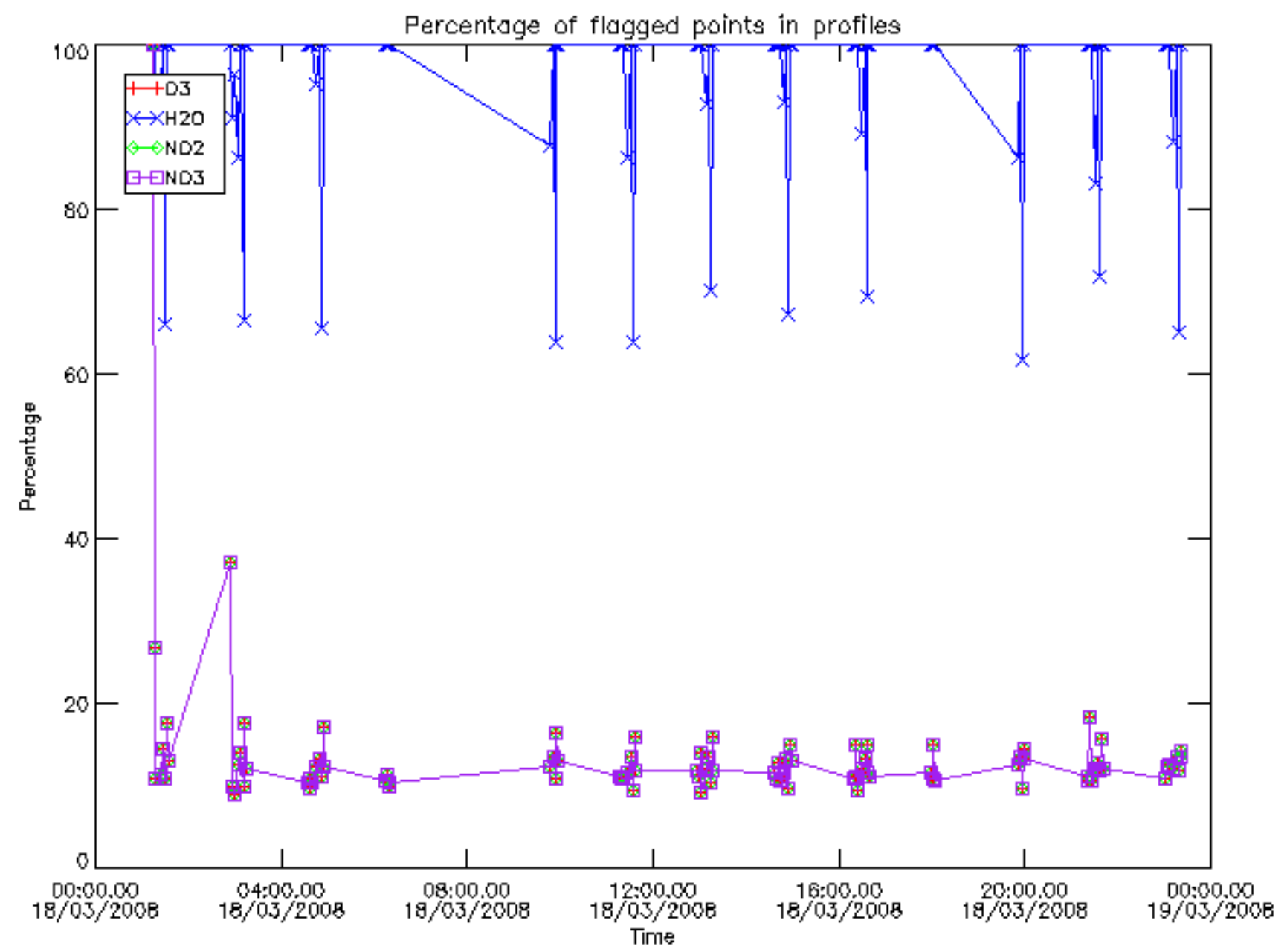




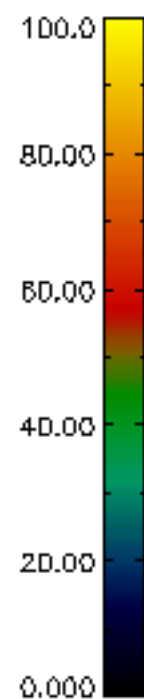
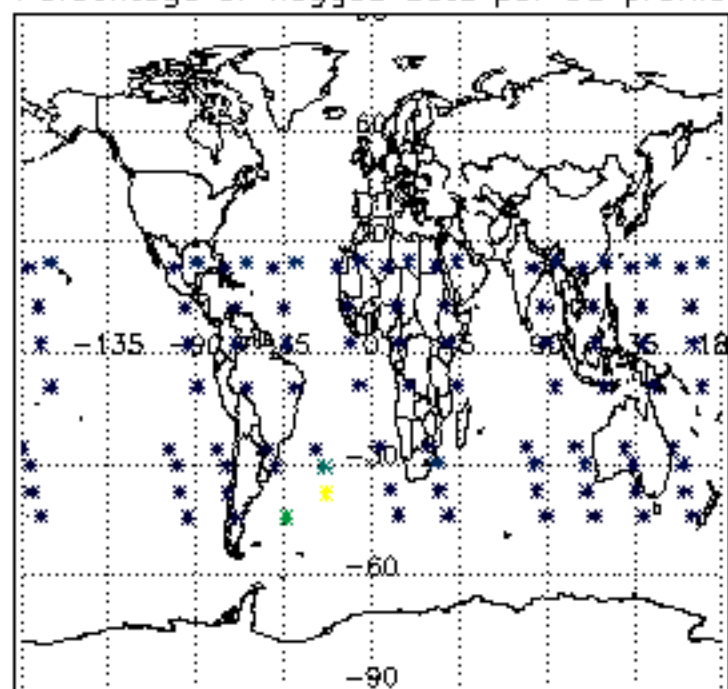




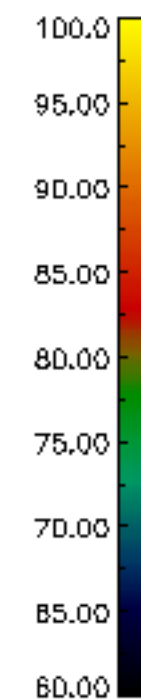
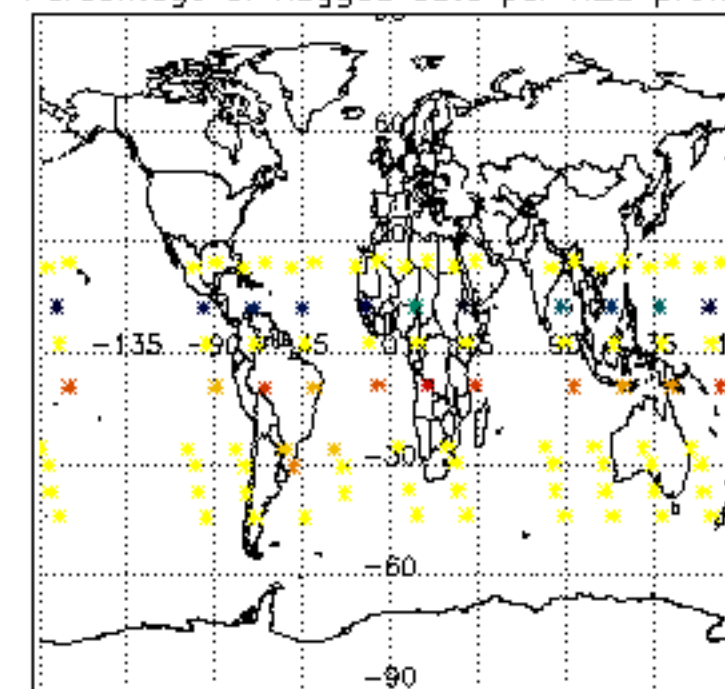




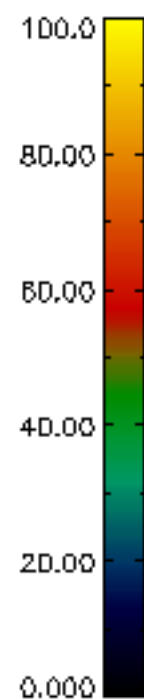
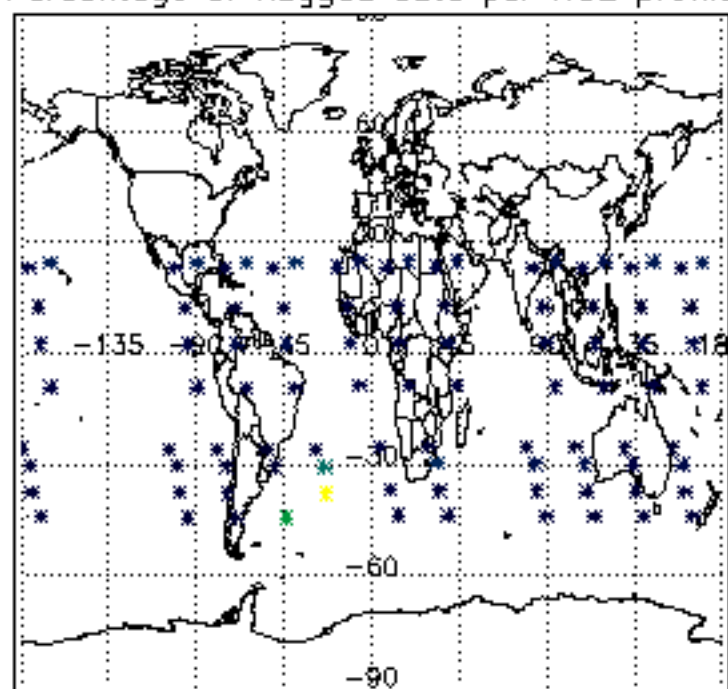
Percentage of flagged data per D3 profile



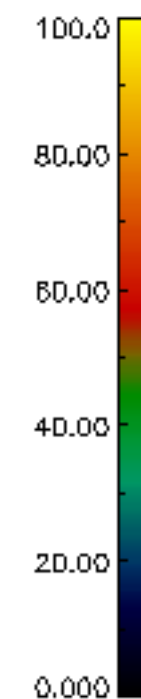
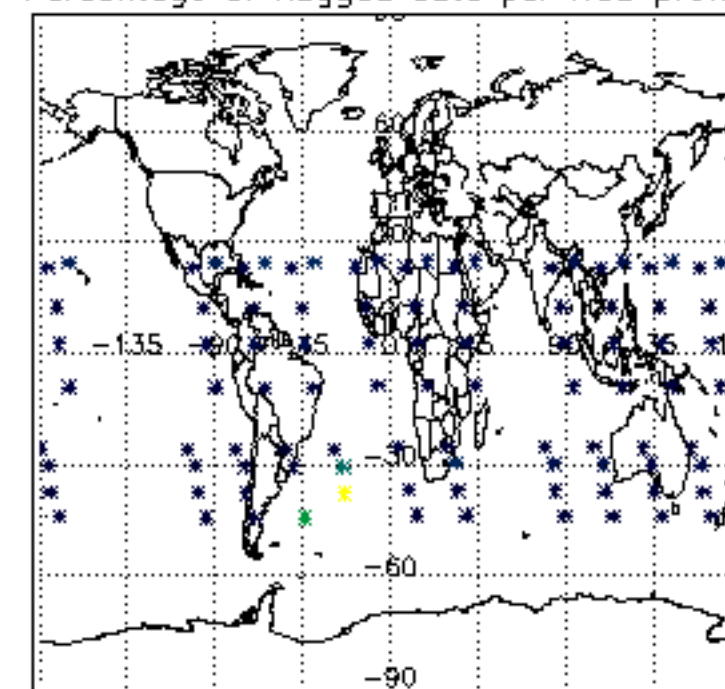
Percentage of flagged data per H2O profile

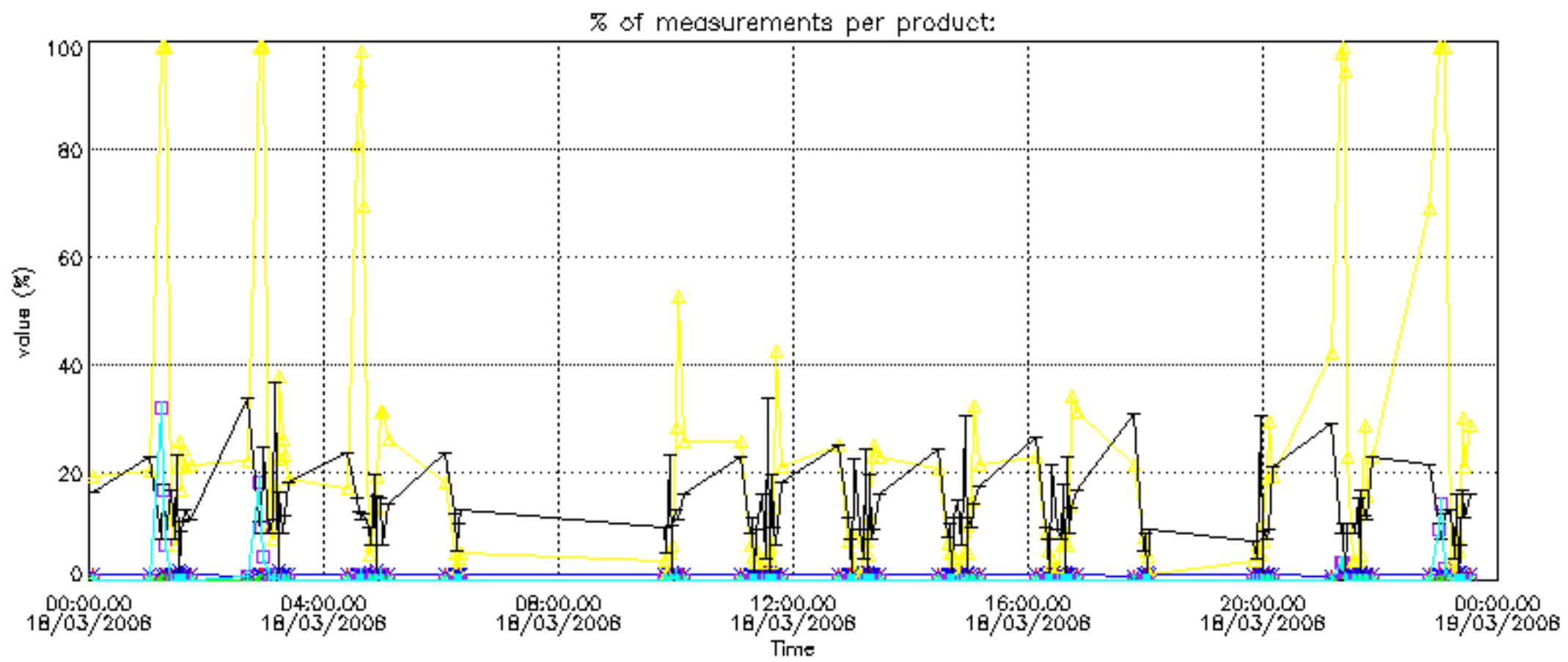


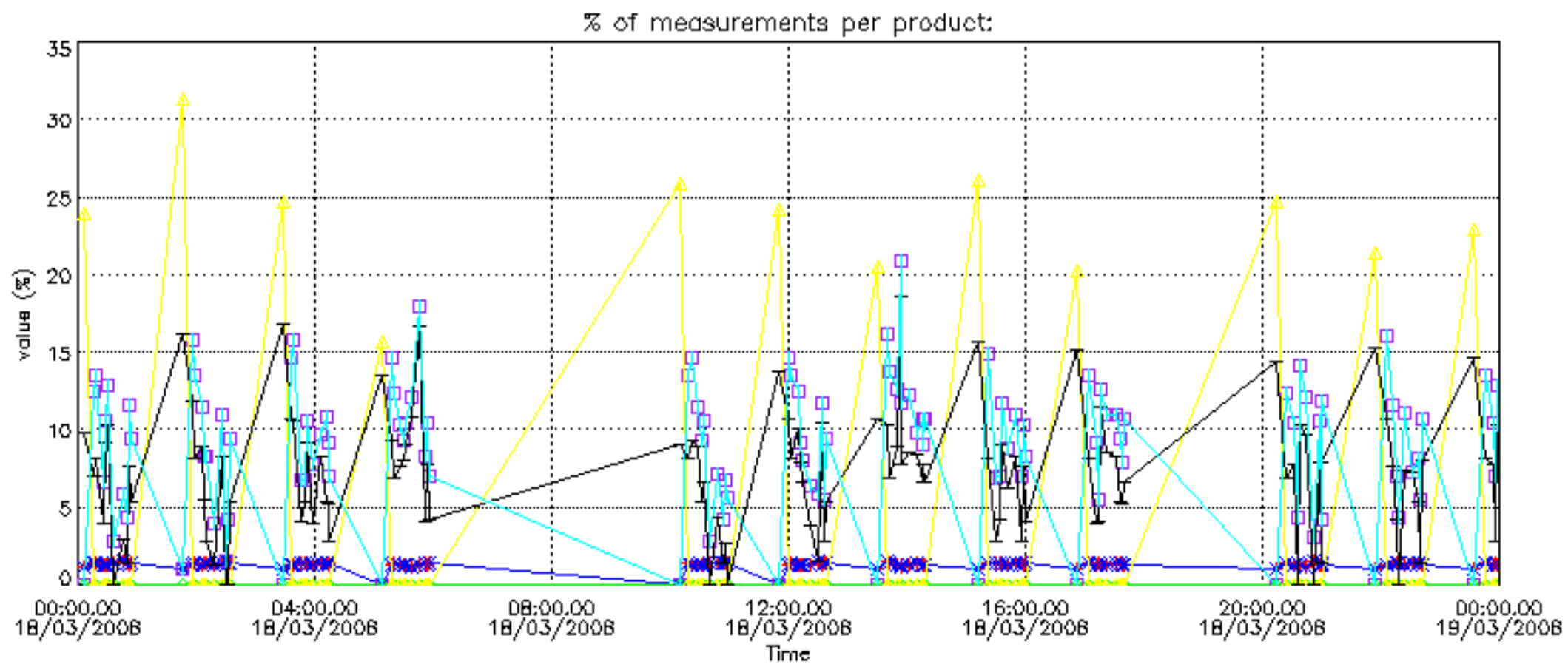
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

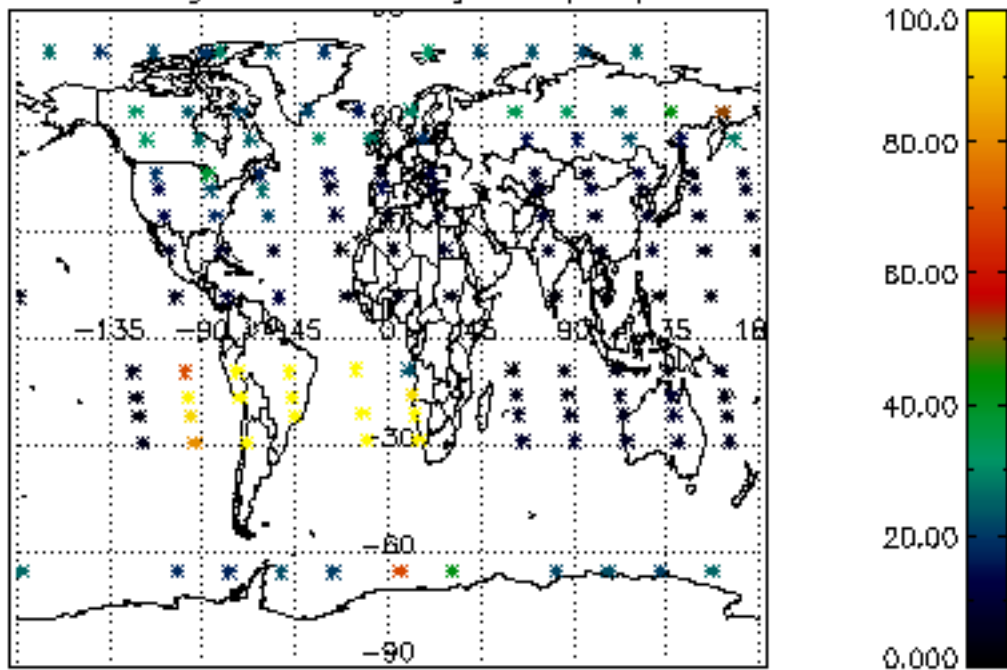




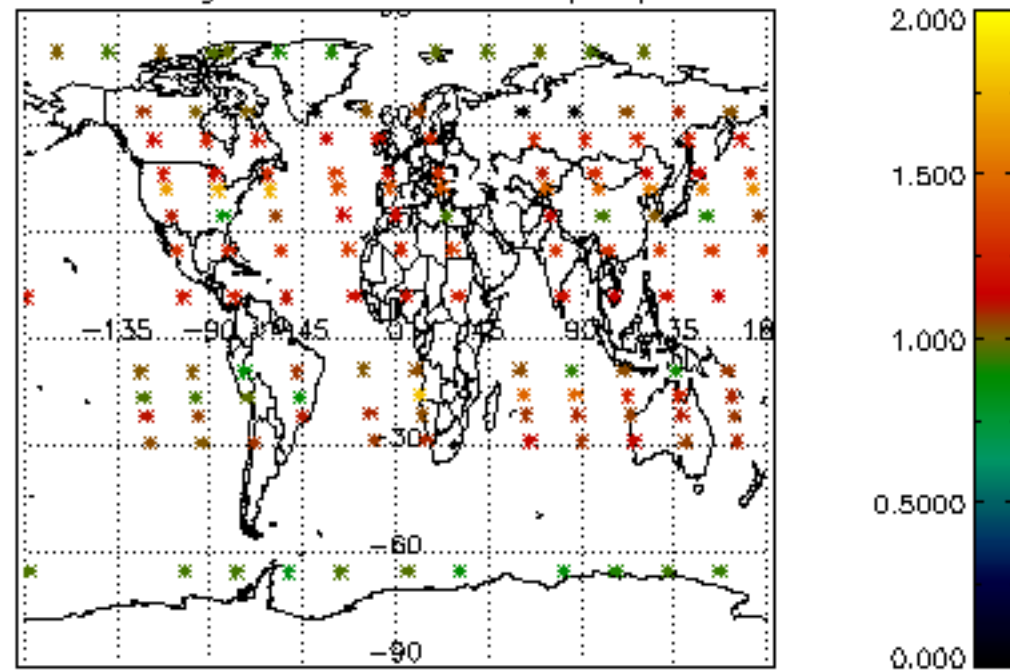




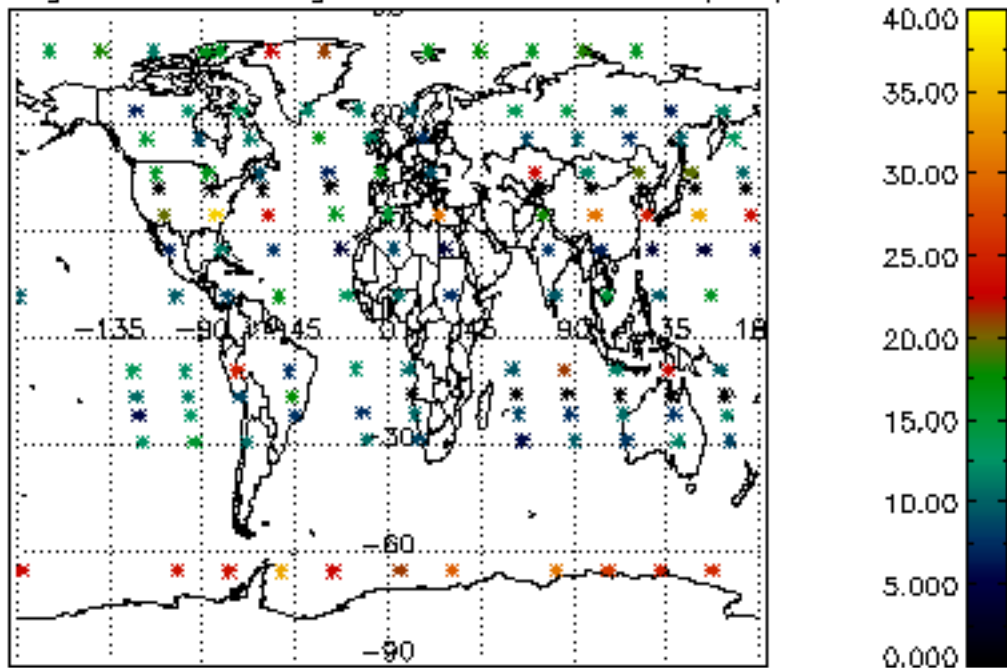
Percentage of cosmic ray hits per profile



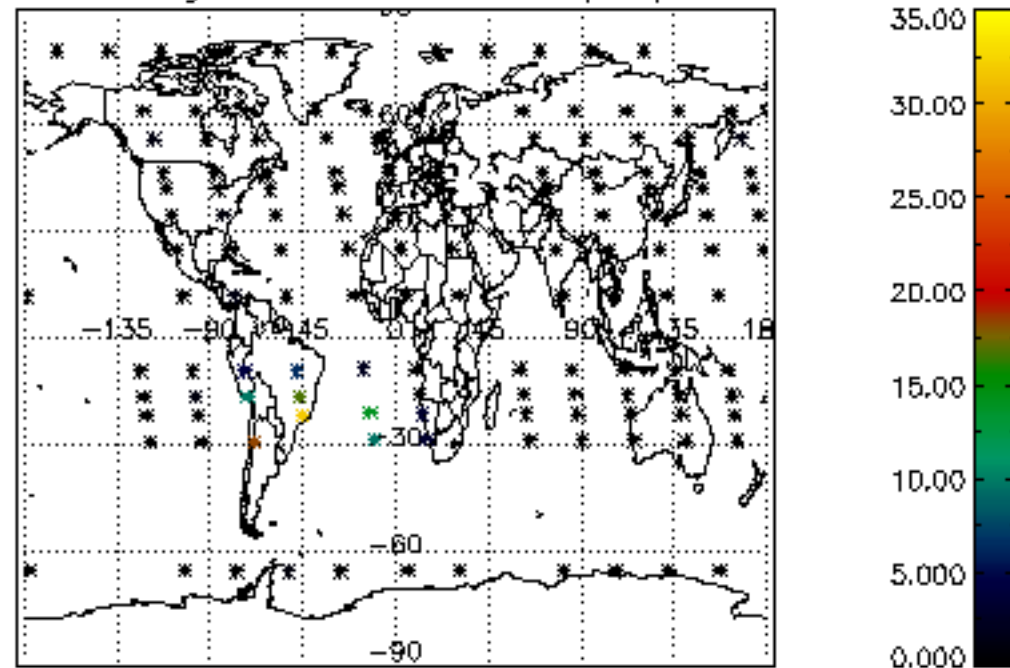
Percentage of datation errors per profile



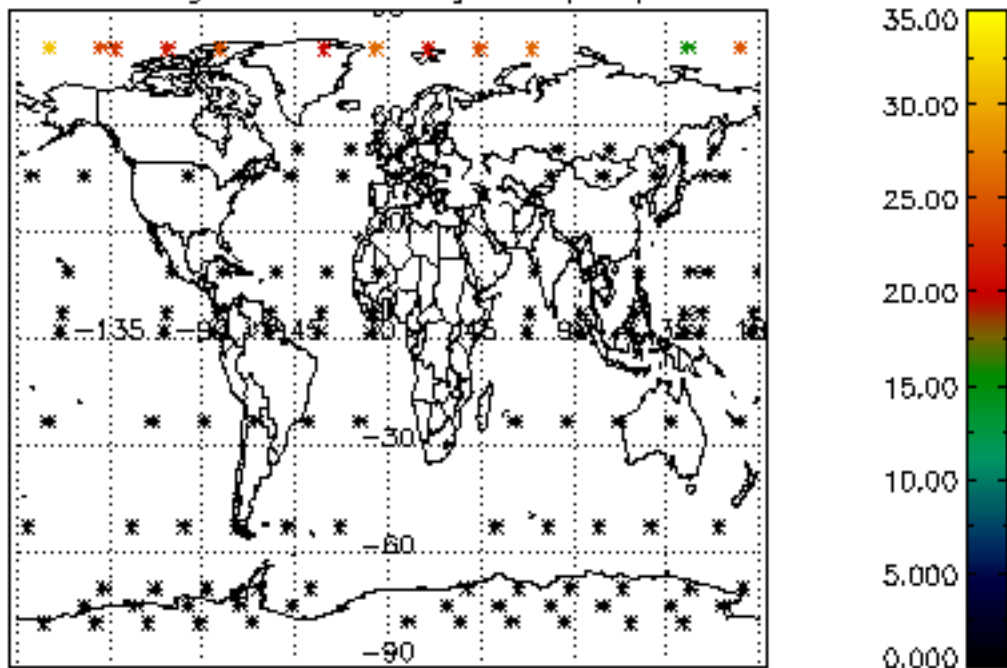
Percentage of star falling outside central band per profile



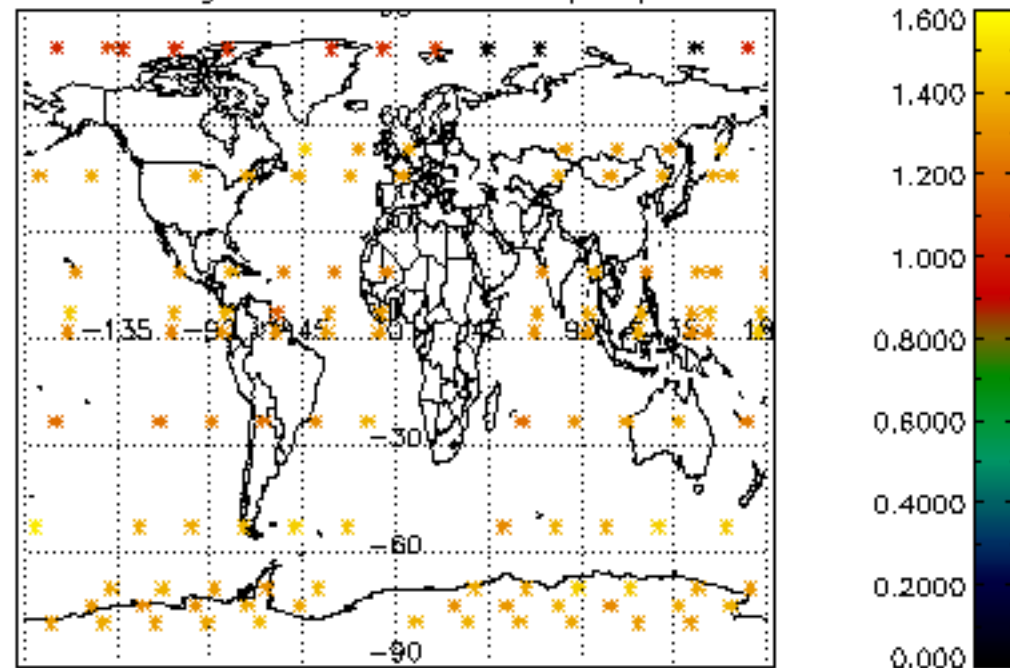
Percentage of saturation errors per profile



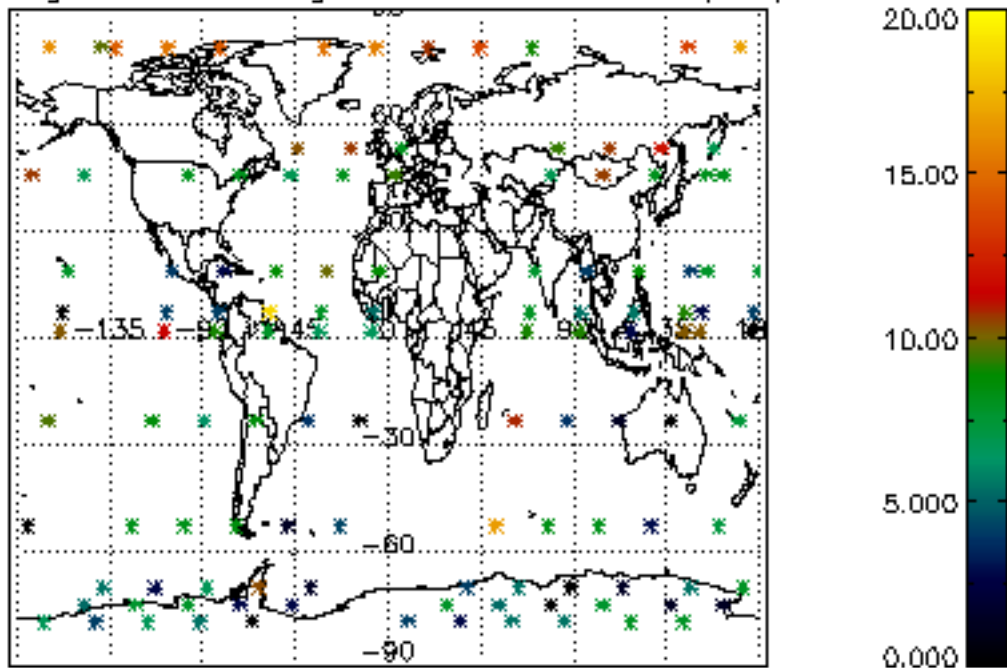
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

