

# 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 11:48:20
Data source version	GOMOS/6.01
Start time of products	17-03-2008 (17MAR2008 00:00:00)
Stop time of products	18-03-2008 (18MAR2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	296
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20080317_000320_000000462066_00488_31604_4172.N1	17-MAR-2008 00:03:20	Dark	45.500	155	41Pi Sgr	2.9000	6600.0	91	31604	No
2	GOM_NL__2PRFIN20080317_000523_000000472066_00488_31604_4173.N1	17-MAR-2008 00:05:23	Dark	46.500	57	34Sig Sgr	2.0660	26000.	93	31604	No
3	GOM_NL__2PRFIN20080317_000852_000000522066_00488_31604_4174.N1	17-MAR-2008 00:08:52	Dark	51.500	38	20Eps Sgr	1.8360	11000.	103	31604	No
4	GOM_NL__2PRFIN20080317_001448_000000422066_00489_31605_4155.N1	17-MAR-2008 00:14:48	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	31605	No
5	GOM_NL__2PRFIN20080317_001828_000000392066_00489_31605_4156.N1	17-MAR-2008 00:18:28	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	31605	No
6	GOM_NL__2PRFIN20080317_002112_000000542066_00489_31605_4157.N1	17-MAR-2008 00:21:12	Dark	53.500	4	Alp1Cen	-0.010000	5800.0	107	31605	No
7	GOM_NL__2PRFIN20080317_002313_000000472066_00489_31605_4158.N1	17-MAR-2008 00:23:13	Dark	46.500	78	Alp Lup	2.3040	28000.	93	31605	No
8	GOM_NL__2PRFIN20080317_002535_000000542066_00489_31605_4159.N1	17-MAR-2008 00:25:35	Straylight	54.000	26	Gam Cru	1.6240	2900.0	108	31605	No
9	GOM_NL__2PRFIN20080317_002720_000000462066_00489_31605_4160.N1	17-MAR-2008 00:27:20	Straylight	45.500	64	Gam Cen	2.2000	10600.	91	31605	No
10	GOM_NL__2PRFIN20080317_002934_000000502066_00489_31605_4161.N1	17-MAR-2008 00:29:34	Straylight	50.000	123	Iot Cen	2.7500	10200.	100	31605	No
11	GOM_NL__2PRFIN20080317_003517_000000482066_00489_31605_4162.N1	17-MAR-2008 00:35:17	Straylight	48.000	106	9Bet Crv	2.6480	5600.0	96	31605	No
12	GOM_NL__2PRFIN20080317_003734_000000472066_00489_31605_4163.N1	17-MAR-2008 00:37:34	Twilight_stray	46.500	100	4Gam Crv	2.5800	13100.	93	31605	No
13	GOM_NL__2PRFIN20080317_004656_000000372066_00489_31605_4164.N1	17-MAR-2008 00:46:56	Bright	36.500	22	32Alp Leo	1.3600	15200.	73	31605	No
14	GOM_NL__2PRFIN20080317_004909_000000392066_00489_31605_4165.N1	17-MAR-2008 00:49:09	Bright	38.500	51	41Gam1Leo	2.0100	4500.0	77	31605	No
15	GOM_NL__2PRFIN20080317_005650_000000392066_00489_31605_4166.N1	17-MAR-2008 00:56:50	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	31605	No
16	GOM_NL__2PRFIN20080317_010002_000000362066_00489_31605_4167.N1	17-MAR-2008 01:00:02	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	31605	No
17	GOM_NL__2PRFIN20080317_010132_000000382066_00489_31605_4168.N1	17-MAR-2008 01:01:32	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	31605	No
18	GOM_NL__2PRFIN20080317_010834_000000422066_00489_31605_4169.N1	17-MAR-2008 01:08:34	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	31605	No
19	GOM_NL__2PRFIN20080317_011648_000000362066_00489_31605_4170.N1	17-MAR-2008 01:16:48	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31605	No
20	GOM_NL__2PRFIN20080317_012155_000000372066_00489_31605_4171.N1	17-MAR-2008 01:21:55	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	31605	No
21	GOM_NL__2PRFIN20080317_012330_000000362066_00489_31605_4172.N1	17-MAR-2008 01:23:30	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	31605	No
22	GOM_NL__2PRFIN20080317_012513_000000352066_00489_31605_4173.N1	17-MAR-2008 01:25:13	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	31605	No
23	GOM_NL__2PRFIN20080317_013339_000000512066_00489_31605_4174.N1	17-MAR-2008 01:33:39	Twilight_stray	50.500	11	53Alp Aql	0.76500	8000.0	101	31605	No
24	GOM_NL__2PRFIN20080317_014600_000000502066_00489_31605_4175.N1	17-MAR-2008 01:46:00	Dark	50.000	57	34Sig Sgr	2.0660	26000.	100	31605	No
25	GOM_NL__2PRFIN20080317_014727_000000512066_00489_31605_4176.N1	17-MAR-2008 01:47:27	Dark	50.500	137	22Lam Sgr	2.8240	4400.0	101	31605	No
26	GOM_NL__2PRFIN20080317_014929_000000562066_00489_31605_4177.N1	17-MAR-2008 01:49:29	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	31605	No
27	GOM_NL__2PRFIN20080317_015524_000000442066_00490_31606_3942.N1	17-MAR-2008 01:55:24	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	31606	No
28	GOM_NL__2PRFIN20080317_015904_000000392066_00490_31606_3943.N1	17-MAR-2008 01:59:04	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31606	No
29	GOM_NL__2PRFIN20080317_020148_000000442066_00490_31606_3944.N1	17-MAR-2008 02:01:48	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	31606	No
30	GOM_NL__2PRFIN20080317_020350_000000512066_00490_31606_3945.N1	17-MAR-2008 02:03:50	Dark	50.500	78	Alp Lup	2.3040	28000.	101	31606	No
31	GOM_NL__2PRFIN20080317_020611_000000542066_00490_31606_3946.N1	17-MAR-2008 02:06:11	Straylight	53.500	26	Gam Cru	1.6240	2900.0	107	31606	No
32	GOM_NL__2PRFIN20080317_020756_000000422066_00490_31606_3947.N1	17-MAR-2008 02:07:56	Straylight	42.000	64	Gam Cen	2.2000	10600.	84	31606	No
33	GOM_NL__2PRFIN20080317_021010_000000492066_00490_31606_3948.N1	17-MAR-2008 02:10:10	Straylight	48.500	123	Iot Cen	2.7500	10200.	97	31606	No
34	GOM_NL__2PRFIN20080317_021553_000000532066_00490_31606_3949.N1	17-MAR-2008 02:15:53	Straylight	53.000	106	9Bet Crv	2.6480	5600.0	106	31606	No
35	GOM_NL__2PRFIN20080317_021810_000000502066_00490_31606_3950.N1	17-MAR-2008 02:18:10	Twilight_stray	49.500	100	4Gam Crv	2.5800	13100.	99	31606	No
36	GOM_NL__2PRFIN20080317_022732_000000382066_00490_31606_3951.N1	17-MAR-2008 02:27:32	Bright	38.000	22	32Alp Leo	1.3600	15200.	76	31606	No
37	GOM_NL__2PRFIN20080317_022945_000000392066_00490_31606_3952.N1	17-MAR-2008 02:29:45	Bright	38.500	51	41Gam1Leo	2.0100	4500.0	77	31606	No
38	GOM_NL__2PRFIN20080317_023726_000000372066_00490_31606_3953.N1	17-MAR-2008 02:37:26	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	31606	No
39	GOM_NL__2PRFIN20080317_024038_000000372066_00490_31606_3954.N1	17-MAR-2008 02:40:38	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	31606	No
40	GOM_NL__2PRFIN20080317_024208_000000392066_00490_31606_3955.N1	17-MAR-2008 02:42:08	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	31606	No
41	GOM_NL__2PRFIN20080317_024910_000000402066_00490_31606_3956.N1	17-MAR-2008 02:49:10	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	31606	No
42	GOM_NL__2PRFIN20080317_025724_000000342066_00490_31606_3957.N1	17-MAR-2008 02:57:24	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31606	No

43	GOM_NL__2PRFIN20080317_030231_000000372066_00490_31606_3958.N1	17-MAR-2008 03:02:31	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	31606	No
44	GOM_NL__2PRFIN20080317_030406_000000352066_00490_31606_3959.N1	17-MAR-2008 03:04:06	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	31606	No
45	GOM_NL__2PRFIN20080317_030549_000000382066_00490_31606_3960.N1	17-MAR-2008 03:05:49	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	31606	No
46	GOM_NL__2PRFIN20080317_031416_000000542066_00490_31606_3961.N1	17-MAR-2008 03:14:16	Twilight	54.000	11	53Alp Aql	0.76500	8000.0	108	31606	No
47	GOM_NL__2PRFIN20080317_032433_000000462066_00490_31606_3962.N1	17-MAR-2008 03:24:33	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	31606	No
48	GOM_NL__2PRFIN20080317_032637_000000452066_00490_31606_3963.N1	17-MAR-2008 03:26:37	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	31606	No
49	GOM_NL__2PRFIN20080317_032804_000000632066_00490_31606_3964.N1	17-MAR-2008 03:28:04	Dark	63.000	137	22Lam Sgr	2.8240	4400.0	126	31606	No
50	GOM_NL__2PRFIN20080317_033006_000000502066_00490_31606_3965.N1	17-MAR-2008 03:30:06	Dark	50.000	38	20Eps Sgr	1.8360	11000.	100	31606	No
51	GOM_NL__2PRFIN20080317_033601_000000422066_00491_31607_3949.N1	17-MAR-2008 03:36:01	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31607	No
52	GOM_NL__2PRFIN20080317_033941_000000382066_00491_31607_3950.N1	17-MAR-2008 03:39:41	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31607	No
53	GOM_NL__2PRFIN20080317_034225_000000542066_00491_31607_3951.N1	17-MAR-2008 03:42:25	Dark	53.500	4	Alp1Cen	-0.010000	5800.0	107	31607	No
54	GOM_NL__2PRFIN20080317_034427_000000472066_00491_31607_3952.N1	17-MAR-2008 03:44:27	Dark	46.500	78	Alp Lup	2.3040	28000.	93	31607	No
55	GOM_NL__2PRFIN20080317_034647_000000542066_00491_31607_3953.N1	17-MAR-2008 03:46:47	Straylight	54.000	26	Gam Cru	1.6240	2900.0	108	31607	No
56	GOM_NL__2PRFIN20080317_034833_000000412066_00491_31607_3954.N1	17-MAR-2008 03:48:33	Straylight	40.500	64	Gam Cen	2.2000	10600.	81	31607	No
57	GOM_NL__2PRFIN20080317_035047_000000482066_00491_31607_3955.N1	17-MAR-2008 03:50:47	Straylight	47.500	123	lot Cen	2.7500	10200.	95	31607	No
58	GOM_NL__2PRFIN20080317_035629_000000532066_00491_31607_3956.N1	17-MAR-2008 03:56:29	Straylight	53.000	106	9Bet Crv	2.6480	5600.0	106	31607	No
59	GOM_NL__2PRFIN20080317_035846_000000492066_00491_31607_3957.N1	17-MAR-2008 03:58:46	Twilight	49.000	100	4Gam Crv	2.5800	13100.	98	31607	No
60	GOM_NL__2PRFIN20080317_040808_000000382066_00491_31607_3958.N1	17-MAR-2008 04:08:08	Bright	37.500	22	32Alp Leo	1.3600	15200.	75	31607	No
61	GOM_NL__2PRFIN20080317_041021_000000372066_00491_31607_3959.N1	17-MAR-2008 04:10:21	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31607	No
62	GOM_NL__2PRFIN20080317_041801_000000382066_00491_31607_3960.N1	17-MAR-2008 04:18:01	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	31607	No
63	GOM_NL__2PRFIN20080317_042114_000000372066_00491_31607_3961.N1	17-MAR-2008 04:21:14	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	31607	No
64	GOM_NL__2PRFIN20080317_042244_000000392066_00491_31607_3962.N1	17-MAR-2008 04:22:44	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	31607	No
65	GOM_NL__2PRFIN20080317_042946_000000402066_00491_31607_3963.N1	17-MAR-2008 04:29:46	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	31607	No
66	GOM_NL__2PRFIN20080317_043800_000000342066_00491_31607_3964.N1	17-MAR-2008 04:38:00	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31607	No
67	GOM_NL__2PRFIN20080317_044307_000000362066_00491_31607_3965.N1	17-MAR-2008 04:43:07	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31607	No
68	GOM_NL__2PRFIN20080317_044442_000000392066_00491_31607_3966.N1	17-MAR-2008 04:44:42	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	31607	No
69	GOM_NL__2PRFIN20080317_044626_000000372066_00491_31607_3967.N1	17-MAR-2008 04:46:26	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	31607	No
70	GOM_NL__2PRFIN20080317_045452_000000522066_00491_31607_3968.N1	17-MAR-2008 04:54:52	Twilight	51.500	11	53Alp Aql	0.76500	8000.0	103	31607	No
71	GOM_NL__2PRFIN20080317_050510_000000502066_00491_31607_3969.N1	17-MAR-2008 05:05:10	Dark	50.000	155	41Pi Sgr	2.9000	6600.0	100	31607	No
72	GOM_NL__2PRFIN20080317_050713_000000472066_00491_31607_3970.N1	17-MAR-2008 05:07:13	Dark	47.000	57	34Sig Sgr	2.0660	26000.	94	31607	No
73	GOM_NL__2PRFIN20080317_050841_000000512066_00491_31607_3971.N1	17-MAR-2008 05:08:41	Dark	50.500	137	22Lam Sgr	2.8240	4400.0	101	31607	No
74	GOM_NL__2PRFIN20080317_051043_000000512066_00491_31607_3972.N1	17-MAR-2008 05:10:43	Dark	51.000	38	20Eps Sgr	1.8360	11000.	102	31607	No
75	GOM_NL__2PRFIN20080317_051638_000000412066_00492_31608_3960.N1	17-MAR-2008 05:16:38	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	31608	No
76	GOM_NL__2PRFIN20080317_052018_000000382066_00492_31608_3961.N1	17-MAR-2008 05:20:18	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31608	No
77	GOM_NL__2PRFIN20080317_052302_000000572066_00492_31608_3962.N1	17-MAR-2008 05:23:02	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	31608	No
78	GOM_NL__2PRFIN20080317_052503_000000472066_00492_31608_3963.N1	17-MAR-2008 05:25:03	Dark	46.500	78	Alp Lup	2.3040	28000.	93	31608	No
79	GOM_NL__2PRFIN20080317_052724_000000462066_00492_31608_3964.N1	17-MAR-2008 05:27:24	Straylight	45.500	26	Gam Cru	1.6240	2900.0	91	31608	No
80	GOM_NL__2PRFIN20080317_052909_000000422066_00492_31608_3965.N1	17-MAR-2008 05:29:09	Straylight	42.000	64	Gam Cen	2.2000	10600.	84	31608	No
81	GOM_NL__2PRFIN20080317_053124_000000502066_00492_31608_3966.N1	17-MAR-2008 05:31:24	Straylight	50.000	123	lot Cen	2.7500	10200.	100	31608	No
82	GOM_NL__2PRFIN20080317_053706_000000532066_00492_31608_3967.N1	17-MAR-2008 05:37:06	Straylight	53.000	106	9Bet Crv	2.6480	5600.0	106	31608	No
83	GOM_NL__2PRFIN20080317_053922_000000472066_00492_31608_3968.N1	17-MAR-2008 05:39:22	Twilight	47.000	100	4Gam Crv	2.5800	13100.	94	31608	No
84	GOM_NL__2PRFIN20080317_054844_000000362066_00492_31608_3969.N1	17-MAR-2008 05:48:44	Bright	35.500	22	32Alp Leo	1.3600	15200.	71	31608	No
85	GOM_NL__2PRFIN20080317_055057_000000372066_00492_31608_3970.N1	17-MAR-2008 05:50:57	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31608	No
86	GOM_NL__2PRFIN20080317_055837_000000392066_00492_31608_3971.N1	17-MAR-2008 05:58:37	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	31608	No
87	GOM_NL__2PRFIN20080317_060149_000000382066_00492_31608_3972.N1	17-MAR-2008 06:01:49	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	31608	No
88	GOM_NL__2PRFIN20080317_060319_000000392066_00492_31608_3973.N1	17-MAR-2008 06:03:19	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	31608	No
89	GOM_NL__2PRFIN20080317_061021_000000402066_00492_31608_3974.N1	17-MAR-2008 06:10:21	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	31608	No
90	GOM_NL__2PRFIN20080317_061836_000000362066_00492_31608_3975.N1	17-MAR-2008 06:18:36	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31608	No
91	GOM_NL__2PRFIN20080317_062343_000000382066_00492_31608_3976.N1	17-MAR-2008 06:23:43	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	31608	No
92	GOM_NL__2PRFIN20080317_062518_000000392066_00492_31608_3977.N1	17-MAR-2008 06:25:18	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	31608	No
93	GOM_NL__2PRFIN20080317_062702_000000382066_00492_31608_3978.N1	17-MAR-2008 06:27:02	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	31608	No
94	GOM_NL__2PRFIN20080317_063528_000000502066_00492_31608_3979.N1	17-MAR-2008 06:35:28	Twilight	49.500	11	53Alp Aql	0.76500	8000.0	99	31608	No
95	GOM_NL__2PRFIN20080317_064547_000000462066_00492_31608_3980.N1	17-MAR-2008 06:45:47	Dark	45.500	155	41Pi Sgr	2.9000	6600.0	91	31608	No
96	GOM_NL__2PRFIN20080317_064750_000000472066_00492_31608_3981.N1	17-MAR-2008 06:47:50	Dark	47.000	57	34Sig Sgr	2.0660	26000.	94	31608	No
97	GOM_NL__2PRFIN20080317_064918_000000512066_00492_31608_3982.N1	17-MAR-2008 06:49:18	Dark	51.000	137	22Lam Sgr	2.8240	4400.0	102	31608	No
98	GOM_NL__2PRFIN20080317_065120_000000472066_00492_31608_3983.N1	17-MAR-2008 06:51:20	Dark	46.500	38	20Eps Sgr	1.8360	11000.	93	31608	No
99	GOM_NL__2PRFIN20080317_065714_000000402066_00493_31609_3970.N1	17-MAR-2008 06:57:14	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	31609	No
100	GOM_NL__2PRFIN20080317_070054_000000402066_00493_31609_3971.N1	17-MAR-2008 07:00:54	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	31609	No
101	GOM_NL__2PRFIN20080317_070338_000000402066_00493_31609_3972.N1	17-MAR-2008 07:03:38	Dark	40.000	4	Alp1Cen	-0.010000	5800.0	80	31609	No

102	GOM_NL__2PRFIN20080317_070540_000000472066_00493_31609_3973.N1	17-MAR-2008 07:05:40	Dark	47.000	78	Alp Lup	2.3040	28000.	94	31609	No
103	GOM_NL__2PRFIN20080317_070800_000000542066_00493_31609_3974.N1	17-MAR-2008 07:08:00	Straylight	54.000	26	Gam Cru	1.6240	2900.0	108	31609	No
104	GOM_NL__2PRFIN20080317_070945_000000452066_00493_31609_3975.N1	17-MAR-2008 07:09:45	Straylight	44.500	64	Gam Cen	2.2000	10600.	89	31609	No
105	GOM_NL__2PRFIN20080317_071200_000000502066_00493_31609_3976.N1	17-MAR-2008 07:12:00	Straylight	49.500	123	lot Cen	2.7500	10200.	99	31609	No
106	GOM_NL__2PRFIN20080317_071742_000000532066_00493_31609_3977.N1	17-MAR-2008 07:17:42	Straylight	52.500	106	9Bet Crv	2.6480	5600.0	105	31609	No
107	GOM_NL__2PRFIN20080317_071959_000000482066_00493_31609_3978.N1	17-MAR-2008 07:19:59	Twl_and_stray	47.500	100	4Gam Crv	2.5800	13100.	95	31609	No
108	GOM_NL__2PRFIN20080317_072920_000000382066_00493_31609_3979.N1	17-MAR-2008 07:29:20	Bright	38.000	22	32Alp Leo	1.3600	15200.	76	31609	No
109	GOM_NL__2PRFIN20080317_073133_000000382066_00493_31609_3980.N1	17-MAR-2008 07:31:33	Bright	37.500	51	41Gam1Leo	2.0100	4500.0	75	31609	No
110	GOM_NL__2PRFIN20080317_073913_000000392066_00493_31609_3981.N1	17-MAR-2008 07:39:13	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	31609	No
111	GOM_NL__2PRFIN20080317_074225_000000362066_00493_31609_3982.N1	17-MAR-2008 07:42:25	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	31609	No
112	GOM_NL__2PRFIN20080317_074355_000000382066_00493_31609_3983.N1	17-MAR-2008 07:43:55	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	31609	No
113	GOM_NL__2PRFIN20080317_075057_000000372066_00493_31609_3984.N1	17-MAR-2008 07:50:57	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	31609	No
114	GOM_NL__2PRFIN20080317_075912_000000362066_00493_31609_3985.N1	17-MAR-2008 07:59:12	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31609	No
115	GOM_NL__2PRFIN20080317_080419_000000382066_00493_31609_3986.N1	17-MAR-2008 08:04:19	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	31609	No
116	GOM_NL__2PRFIN20080317_080554_000000362066_00493_31609_3987.N1	17-MAR-2008 08:05:54	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	31609	No
117	GOM_NL__2PRFIN20080317_080738_000000362066_00493_31609_3988.N1	17-MAR-2008 08:07:38	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	31609	No
118	GOM_NL__2PRFIN20080317_081605_000000522066_00493_31609_3989.N1	17-MAR-2008 08:16:05	Twl_and_stray	51.500	11	53Alp Aql	0.76500	8000.0	103	31609	No
119	GOM_NL__2PRFIN20080317_082624_000000462066_00493_31609_3990.N1	17-MAR-2008 08:26:24	Dark	45.500	155	41Pi Sgr	2.9000	6600.0	91	31609	No
120	GOM_NL__2PRFIN20080317_082827_000000482066_00493_31609_3991.N1	17-MAR-2008 08:28:27	Dark	48.000	57	34Sig Sgr	2.0660	26000.	96	31609	No
121	GOM_NL__2PRFIN20080317_082955_000000502066_00493_31609_3992.N1	17-MAR-2008 08:29:55	Dark	50.000	137	22Lam Sgr	2.8240	4400.0	100	31609	No
122	GOM_NL__2PRFIN20080317_083157_000000452066_00493_31609_3993.N1	17-MAR-2008 08:31:57	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	31609	No
123	GOM_NL__2PRFIN20080317_083751_000000412066_00494_31610_3974.N1	17-MAR-2008 08:37:51	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	31610	No
124	GOM_NL__2PRFIN20080317_084131_000000392066_00494_31610_3975.N1	17-MAR-2008 08:41:31	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31610	No
125	GOM_NL__2PRFIN20080317_084415_000000472066_00494_31610_3976.N1	17-MAR-2008 08:44:15	Dark	46.500	4	Alp1Cen	-0.010000	5800.0	93	31610	No
126	GOM_NL__2PRFIN20080317_084617_000000462066_00494_31610_3977.N1	17-MAR-2008 08:46:17	Dark	46.000	78	Alp Lup	2.3040	28000.	92	31610	No
127	GOM_NL__2PRFIN20080317_084836_000000522066_00494_31610_3978.N1	17-MAR-2008 08:48:36	Straylight	52.000	26	Gam Cru	1.6240	2900.0	104	31610	No
128	GOM_NL__2PRFIN20080317_085022_000000422066_00494_31610_3979.N1	17-MAR-2008 08:50:22	Straylight	42.000	64	Gam Cen	2.2000	10600.	84	31610	No
129	GOM_NL__2PRFIN20080317_085237_000000492066_00494_31610_3980.N1	17-MAR-2008 08:52:37	Straylight	48.500	123	lot Cen	2.7500	10200.	97	31610	No
130	GOM_NL__2PRFIN20080317_085818_000000522066_00494_31610_3981.N1	17-MAR-2008 08:58:18	Straylight	51.500	106	9Bet Crv	2.6480	5600.0	103	31610	No
131	GOM_NL__2PRFIN20080317_090035_000000512066_00494_31610_3982.N1	17-MAR-2008 09:00:35	Twl_and_stray	50.500	100	4Gam Crv	2.5800	13100.	101	31610	No
132	GOM_NL__2PRFIN20080317_090956_000000362066_00494_31610_3983.N1	17-MAR-2008 09:09:56	Bright	36.000	22	32Alp Leo	1.3600	15200.	72	31610	No
133	GOM_NL__2PRFIN20080317_091209_000000372066_00494_31610_3984.N1	17-MAR-2008 09:12:09	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31610	No
134	GOM_NL__2PRFIN20080317_091948_000000392066_00494_31610_3985.N1	17-MAR-2008 09:19:48	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	31610	No
135	GOM_NL__2PRFIN20080317_092301_000000442066_00494_31610_3986.N1	17-MAR-2008 09:23:01	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	31610	No
136	GOM_NL__2PRFIN20080317_092431_000000392066_00494_31610_3987.N1	17-MAR-2008 09:24:31	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	31610	No
137	GOM_NL__2PRFIN20080317_093132_000000402066_00494_31610_3988.N1	17-MAR-2008 09:31:32	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	31610	No
138	GOM_NL__2PRFIN20080317_093948_000000352066_00494_31610_3989.N1	17-MAR-2008 09:39:48	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	31610	No
139	GOM_NL__2PRFIN20080317_094455_000000372066_00494_31610_3990.N1	17-MAR-2008 09:44:55	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	31610	No
140	GOM_NL__2PRFIN20080317_094630_000000392066_00494_31610_3991.N1	17-MAR-2008 09:46:30	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	31610	No
141	GOM_NL__2PRFIN20080317_094814_000000372066_00494_31610_3992.N1	17-MAR-2008 09:48:14	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	31610	No
142	GOM_NL__2PRFIN20080317_095641_000000522066_00494_31610_3993.N1	17-MAR-2008 09:56:41	Twl_and_stray	51.500	11	53Alp Aql	0.76500	8000.0	103	31610	No
143	GOM_NL__2PRFIN20080317_100700_000000482066_00494_31610_3994.N1	17-MAR-2008 10:07:00	Dark	47.500	155	41Pi Sgr	2.9000	6600.0	95	31610	No
144	GOM_NL__2PRFIN20080317_100904_000000452066_00494_31610_3995.N1	17-MAR-2008 10:09:04	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	31610	No
145	GOM_NL__2PRFIN20080317_101032_000000522066_00494_31610_3996.N1	17-MAR-2008 10:10:32	Dark	52.000	137	22Lam Sgr	2.8240	4400.0	104	31610	No
146	GOM_NL__2PRFIN20080317_101234_000000482066_00494_31610_3997.N1	17-MAR-2008 10:12:34	Dark	47.500	38	20Eps Sgr	1.8360	11000.	95	31610	No
147	GOM_NL__2PRFIN20080317_101828_000000442066_00495_31611_3987.N1	17-MAR-2008 10:18:28	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	31611	No
148	GOM_NL__2PRFIN20080317_102207_000000392066_00495_31611_3988.N1	17-MAR-2008 10:22:07	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31611	No
149	GOM_NL__2PRFIN20080317_102451_000000462066_00495_31611_3989.N1	17-MAR-2008 10:24:51	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	31611	No
150	GOM_NL__2PRFIN20080317_102654_000000462066_00495_31611_3990.N1	17-MAR-2008 10:26:54	Dark	46.000	78	Alp Lup	2.3040	28000.	92	31611	No
151	GOM_NL__2PRFIN20080317_102913_000000442066_00495_31611_3991.N1	17-MAR-2008 10:29:13	Straylight	44.000	26	Gam Cru	1.6240	2900.0	88	31611	No
152	GOM_NL__2PRFIN20080317_103058_000000442066_00495_31611_3992.N1	17-MAR-2008 10:30:58	Straylight	43.500	64	Gam Cen	2.2000	10600.	87	31611	No
153	GOM_NL__2PRFIN20080317_103313_000000502066_00495_31611_3993.N1	17-MAR-2008 10:33:13	Straylight	50.000	123	lot Cen	2.7500	10200.	100	31611	No
154	GOM_NL__2PRFIN20080317_103854_000000542066_00495_31611_3994.N1	17-MAR-2008 10:38:54	Straylight	54.000	106	9Bet Crv	2.6480	5600.0	108	31611	No
155	GOM_NL__2PRFIN20080317_104111_000000482066_00495_31611_3995.N1	17-MAR-2008 10:41:11	Twl_and_stray	47.500	100	4Gam Crv	2.5800	13100.	95	31611	No
156	GOM_NL__2PRFIN20080317_105032_000000392066_00495_31611_3996.N1	17-MAR-2008 10:50:32	Bright	38.500	22	32Alp Leo	1.3600	15200.	77	31611	No
157	GOM_NL__2PRFIN20080317_105245_000000382066_00495_31611_3997.N1	17-MAR-2008 10:52:45	Bright	37.500	51	41Gam1Leo	2.0100	4500.0	75	31611	No
158	GOM_NL__2PRFIN20080317_110024_000000402066_00495_31611_3998.N1	17-MAR-2008 11:00:24	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	31611	No
159	GOM_NL__2PRFIN20080317_110336_000000382066_00495_31611_3999.N1	17-MAR-2008 11:03:36	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	31611	No
160	GOM_NL__2PRFIN20080317_110506_000000392066_00495_31611_4000.N1	17-MAR-2008 11:05:06	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	31611	No



161	GOM_NL__2PRFIN20080317_111208_000000412066_00495_31611_4001.N1	17-MAR-2008 11:12:08	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	31611	No
162	GOM_NL__2PRFIN20080317_112024_000000372066_00495_31611_4002.N1	17-MAR-2008 11:20:24	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	31611	No
163	GOM_NL__2PRFIN20080317_112531_000000362066_00495_31611_4003.N1	17-MAR-2008 11:25:31	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31611	No
164	GOM_NL__2PRFIN20080317_112706_000000372066_00495_31611_4004.N1	17-MAR-2008 11:27:06	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31611	No
165	GOM_NL__2PRFIN20080317_112850_000000362066_00495_31611_4005.N1	17-MAR-2008 11:28:50	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	31611	No
166	GOM_NL__2PRFIN20080317_113718_000000512066_00495_31611_4006.N1	17-MAR-2008 11:37:18	Tw_i_and_stray	51.000	11	53Alp Aql	0.76500	8000.0	102	31611	No
167	GOM_NL__2PRFIN20080317_114737_000000472066_00495_31611_4007.N1	17-MAR-2008 11:47:37	Dark	47.000	155	41Pi Sgr	2.9000	6600.0	94	31611	No
168	GOM_NL__2PRFIN20080317_114941_000000442066_00495_31611_4008.N1	17-MAR-2008 11:49:41	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	31611	No
169	GOM_NL__2PRFIN20080317_115109_000000522066_00495_31611_4009.N1	17-MAR-2008 11:51:09	Dark	52.000	137	22Lam Sgr	2.8240	4400.0	104	31611	No
170	GOM_NL__2PRFIN20080317_115311_000000482066_00495_31611_4010.N1	17-MAR-2008 11:53:11	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	31611	No
171	GOM_NL__2PRFIN20080317_152017_000000442066_00498_31614_4019.N1	17-MAR-2008 15:20:17	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	31614	No
172	GOM_NL__2PRFIN20080317_152356_000000402066_00498_31614_4020.N1	17-MAR-2008 15:23:56	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	31614	No
173	GOM_NL__2PRFIN20080317_152640_000000432066_00498_31614_4021.N1	17-MAR-2008 15:26:40	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	31614	No
174	GOM_NL__2PRFIN20080317_152843_000000262066_00498_31614_4022.N1	17-MAR-2008 15:28:43	Dark	26.000	109	Bet Lup	2.6770	26000.	52	31614	No
175	GOM_NL__2PRFIN20080317_153003_000000482066_00498_31614_4023.N1	17-MAR-2008 15:30:03	Dark	48.000	20	Bet Cru	1.2530	30000.	96	31614	No
176	GOM_NL__2PRFIN20080317_153247_000000432066_00498_31614_4024.N1	17-MAR-2008 15:32:47	Straylight	42.500	64	Gam Cen	2.2000	10600.	85	31614	No
177	GOM_NL__2PRFIN20080317_153502_000000512066_00498_31614_4025.N1	17-MAR-2008 15:35:02	Straylight	51.000	123	lot Cen	2.7500	10200.	102	31614	No
178	GOM_NL__2PRFIN20080317_154043_000000542066_00498_31614_4026.N1	17-MAR-2008 15:40:43	Straylight	54.000	106	9Bet Crv	2.6480	5600.0	108	31614	No
179	GOM_NL__2PRFIN20080317_154259_000000502066_00498_31614_4027.N1	17-MAR-2008 15:42:59	Tw_i_and_stray	49.500	100	4Gam Crv	2.5800	13100.	99	31614	No
180	GOM_NL__2PRFIN20080317_155220_000000372066_00498_31614_4028.N1	17-MAR-2008 15:52:20	Bright	37.000	22	32Alp Leo	1.3600	15200.	74	31614	No
181	GOM_NL__2PRFIN20080317_155433_000000372066_00498_31614_4029.N1	17-MAR-2008 15:54:33	Bright	36.500	51	41Gam1Leo	2.0100	4500.0	73	31614	No
182	GOM_NL__2PRFIN20080317_160211_000000372066_00498_31614_4030.N1	17-MAR-2008 16:02:11	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	31614	No
183	GOM_NL__2PRFIN20080317_160523_000000372066_00498_31614_4031.N1	17-MAR-2008 16:05:23	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	31614	No
184	GOM_NL__2PRFIN20080317_160653_000000392066_00498_31614_4032.N1	17-MAR-2008 16:06:53	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	31614	No
185	GOM_NL__2PRFIN20080317_161355_000000402066_00498_31614_4033.N1	17-MAR-2008 16:13:55	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	31614	No
186	GOM_NL__2PRFIN20080317_162212_000000372066_00498_31614_4034.N1	17-MAR-2008 16:22:12	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31614	No
187	GOM_NL__2PRFIN20080317_162719_000000352066_00498_31614_4035.N1	17-MAR-2008 16:27:19	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	31614	No
188	GOM_NL__2PRFIN20080317_162854_000000362066_00498_31614_4036.N1	17-MAR-2008 16:28:54	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	31614	No
189	GOM_NL__2PRFIN20080317_163038_000000352066_00498_31614_4037.N1	17-MAR-2008 16:30:38	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	31614	No
190	GOM_NL__2PRFIN20080317_163907_000000522066_00498_31614_4038.N1	17-MAR-2008 16:39:07	Tw_i_and_stray	51.500	11	53Alp Aql	0.76500	8000.0	103	31614	No
191	GOM_NL__2PRFIN20080317_164928_000000462066_00498_31614_4039.N1	17-MAR-2008 16:49:28	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	31614	No
192	GOM_NL__2PRFIN20080317_165131_000000512066_00498_31614_4040.N1	17-MAR-2008 16:51:31	Dark	51.000	57	34Sig Sgr	2.0660	26000.	102	31614	No
193	GOM_NL__2PRFIN20080317_165300_000000502066_00498_31614_4041.N1	17-MAR-2008 16:53:00	Dark	50.000	137	22Lam Sgr	2.8240	4400.0	100	31614	No
194	GOM_NL__2PRFIN20080317_165501_000000472066_00498_31614_4042.N1	17-MAR-2008 16:55:01	Dark	47.000	38	20Eps Sgr	1.8360	11000.	94	31614	No
195	GOM_NL__2PRFIN20080317_170054_000000422066_00499_31615_4033.N1	17-MAR-2008 17:00:54	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31615	No
196	GOM_NL__2PRFIN20080317_170433_000000382066_00499_31615_4034.N1	17-MAR-2008 17:04:33	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31615	No
197	GOM_NL__2PRFIN20080317_170717_000000442066_00499_31615_4035.N1	17-MAR-2008 17:07:17	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	31615	No
198	GOM_NL__2PRFIN20080317_170920_000000262066_00499_31615_4036.N1	17-MAR-2008 17:09:20	Dark	26.000	109	Bet Lup	2.6770	26000.	52	31615	No
199	GOM_NL__2PRFIN20080317_171040_000000402066_00499_31615_4037.N1	17-MAR-2008 17:10:40	Dark	40.000	20	Bet Cru	1.2530	30000.	80	31615	No
200	GOM_NL__2PRFIN20080317_171324_000000402066_00499_31615_4038.N1	17-MAR-2008 17:13:24	Straylight	40.000	64	Gam Cen	2.2000	10600.	80	31615	No
201	GOM_NL__2PRFIN20080317_171539_000000502066_00499_31615_4039.N1	17-MAR-2008 17:15:39	Straylight	49.500	123	lot Cen	2.7500	10200.	99	31615	No
202	GOM_NL__2PRFIN20080317_172119_000000562066_00499_31615_4040.N1	17-MAR-2008 17:21:19	Straylight	55.500	106	9Bet Crv	2.6480	5600.0	111	31615	No
203	GOM_NL__2PRFIN20080317_172335_000000492066_00499_31615_4041.N1	17-MAR-2008 17:23:35	Tw_i_and_stray	48.500	100	4Gam Crv	2.5800	13100.	97	31615	No
204	GOM_NL__2PRFIN20080317_173256_000000382066_00499_31615_4042.N1	17-MAR-2008 17:32:56	Bright	38.000	22	32Alp Leo	1.3600	15200.	76	31615	No
205	GOM_NL__2PRFIN20080317_173509_000000372066_00499_31615_4043.N1	17-MAR-2008 17:35:09	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31615	No
206	GOM_NL__2PRFIN20080317_174246_000000392066_00499_31615_4044.N1	17-MAR-2008 17:42:46	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	31615	No
207	GOM_NL__2PRFIN20080317_174559_000000382066_00499_31615_4045.N1	17-MAR-2008 17:45:59	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	31615	No
208	GOM_NL__2PRFIN20080317_174729_000000382066_00499_31615_4046.N1	17-MAR-2008 17:47:29	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	31615	No
209	GOM_NL__2PRFIN20080317_175430_000000412066_00499_31615_4047.N1	17-MAR-2008 17:54:30	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	31615	No
210	GOM_NL__2PRFIN20080317_180248_000000362066_00499_31615_4048.N1	17-MAR-2008 18:02:48	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31615	No
211	GOM_NL__2PRFIN20080317_180755_000000382066_00499_31615_4049.N1	17-MAR-2008 18:07:55	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	31615	No
212	GOM_NL__2PRFIN20080317_180930_000000402066_00499_31615_4050.N1	17-MAR-2008 18:09:30	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	31615	No
213	GOM_NL__2PRFIN20080317_181114_000000372066_00499_31615_4051.N1	17-MAR-2008 18:11:14	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	31615	No
214	GOM_NL__2PRFIN20080317_181943_000000522066_00499_31615_4052.N1	17-MAR-2008 18:19:43	Tw_i_and_stray	51.500	11	53Alp Aql	0.76500	8000.0	103	31615	No
215	GOM_NL__2PRFIN20080317_183004_000000452066_00499_31615_4053.N1	17-MAR-2008 18:30:04	Dark	45.000	155	41Pi Sgr	2.9000	6600.0	90	31615	No
216	GOM_NL__2PRFIN20080317_183208_000000462066_00499_31615_4054.N1	17-MAR-2008 18:32:08	Dark	46.000	57	34Sig Sgr	2.0660	26000.	92	31615	No
217	GOM_NL__2PRFIN20080317_183337_000000502066_00499_31615_4055.N1	17-MAR-2008 18:33:37	Dark	50.000	137	22Lam Sgr	2.8240	4400.0	100	31615	No
218	GOM_NL__2PRFIN20080317_183538_000000482066_00499_31615_4056.N1	17-MAR-2008 18:35:38	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	31615	No
219	GOM_NL__2PRFIN20080317_184131_000000432066_00500_31616_4038.N1	17-MAR-2008 18:41:31	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	31616	No

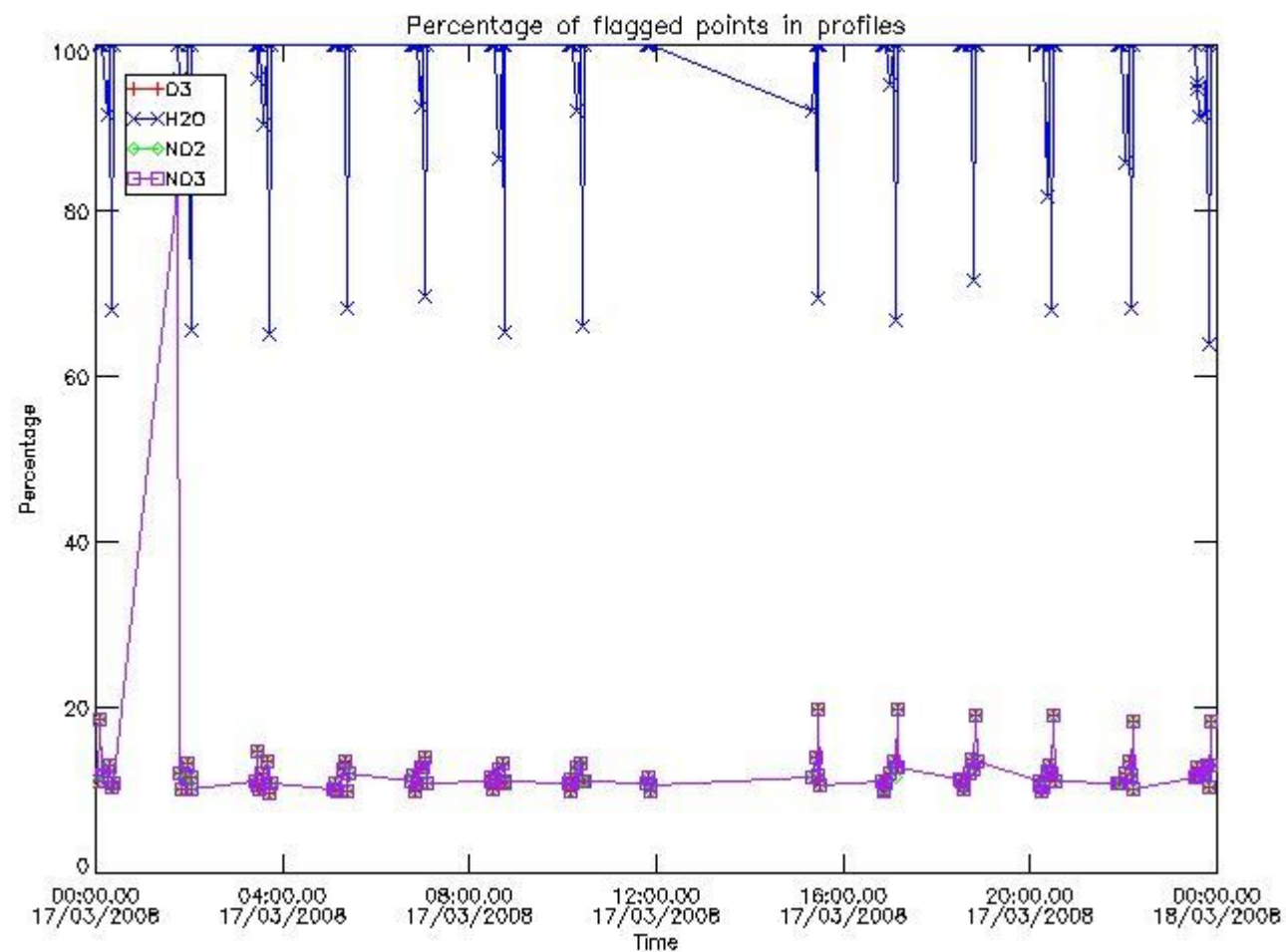
220	GOM_NL__2PRFIN20080317_184510_000000372066_00500_31616_4039.N1	17-MAR-2008 18:45:10	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	31616	No
221	GOM_NL__2PRFIN20080317_184753_000000412066_00500_31616_4040.N1	17-MAR-2008 18:47:53	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	31616	No
222	GOM_NL__2PRFIN20080317_184957_000000272066_00500_31616_4041.N1	17-MAR-2008 18:49:57	Dark	27.000	109	Bet Lup	2.6770	26000.	54	31616	No
223	GOM_NL__2PRFIN20080317_185116_000000382066_00500_31616_4042.N1	17-MAR-2008 18:51:16	Dark	38.000	20	Bet Cru	1.2530	30000.	76	31616	No
224	GOM_NL__2PRFIN20080317_185400_000000412066_00500_31616_4043.N1	17-MAR-2008 18:54:00	Straylight	40.500	64	Gam Cen	2.2000	10600.	81	31616	No
225	GOM_NL__2PRFIN20080317_185615_000000532066_00500_31616_4044.N1	17-MAR-2008 18:56:15	Straylight	52.500	123	lot Cen	2.7500	10200.	105	31616	No
226	GOM_NL__2PRFIN20080317_190155_000000532066_00500_31616_4045.N1	17-MAR-2008 19:01:55	Straylight	53.000	106	9Bet Crv	2.6480	5600.0	106	31616	No
227	GOM_NL__2PRFIN20080317_190411_000000462066_00500_31616_4046.N1	17-MAR-2008 19:04:11	Tw_i_and_stray	46.000	100	4Gam Crv	2.5800	13100.	92	31616	No
228	GOM_NL__2PRFIN20080317_191332_000000382066_00500_31616_4047.N1	17-MAR-2008 19:13:32	Bright	37.500	22	32Alp Leo	1.3600	15200.	75	31616	No
229	GOM_NL__2PRFIN20080317_191545_000000372066_00500_31616_4048.N1	17-MAR-2008 19:15:45	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31616	No
230	GOM_NL__2PRFIN20080317_192322_000000402066_00500_31616_4049.N1	17-MAR-2008 19:23:22	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	31616	No
231	GOM_NL__2PRFIN20080317_192635_000000382066_00500_31616_4050.N1	17-MAR-2008 19:26:35	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	31616	No
232	GOM_NL__2PRFIN20080317_192805_000000372066_00500_31616_4051.N1	17-MAR-2008 19:28:05	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	31616	No
233	GOM_NL__2PRFIN20080317_193506_000000412066_00500_31616_4052.N1	17-MAR-2008 19:35:06	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	31616	No
234	GOM_NL__2PRFIN20080317_194324_000000362066_00500_31616_4053.N1	17-MAR-2008 19:43:24	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31616	No
235	GOM_NL__2PRFIN20080317_194831_000000372066_00500_31616_4054.N1	17-MAR-2008 19:48:31	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	31616	No
236	GOM_NL__2PRFIN20080317_195006_000000392066_00500_31616_4055.N1	17-MAR-2008 19:50:06	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	31616	No
237	GOM_NL__2PRFIN20080317_195150_000000372066_00500_31616_4056.N1	17-MAR-2008 19:51:50	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	31616	No
238	GOM_NL__2PRFIN20080317_200019_000000542066_00500_31616_4057.N1	17-MAR-2008 20:00:19	Tw_i_and_stray	54.000	11	53Alp Aql	0.76500	8000.0	108	31616	No
239	GOM_NL__2PRFIN20080317_201041_000000462066_00500_31616_4058.N1	17-MAR-2008 20:10:41	Dark	45.500	155	41Pi Sgr	2.9000	6600.0	91	31616	No
240	GOM_NL__2PRFIN20080317_201245_000000482066_00500_31616_4059.N1	17-MAR-2008 20:12:45	Dark	48.000	57	34Sig Sgr	2.0660	26000.	96	31616	No
241	GOM_NL__2PRFIN20080317_201415_000000522066_00500_31616_4060.N1	17-MAR-2008 20:14:15	Dark	52.000	137	22Lam Sgr	2.8240	4400.0	104	31616	No
242	GOM_NL__2PRFIN20080317_201615_000000492066_00500_31616_4061.N1	17-MAR-2008 20:16:15	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	31616	No
243	GOM_NL__2PRFIN20080317_202207_000000422066_00501_31617_4046.N1	17-MAR-2008 20:22:07	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	31617	No
244	GOM_NL__2PRFIN20080317_202546_000000392066_00501_31617_4047.N1	17-MAR-2008 20:25:46	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	31617	No
245	GOM_NL__2PRFIN20080317_202830_000000432066_00501_31617_4048.N1	17-MAR-2008 20:28:30	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	31617	No
246	GOM_NL__2PRFIN20080317_203034_000000272066_00501_31617_4049.N1	17-MAR-2008 20:30:34	Dark	27.000	109	Bet Lup	2.6770	26000.	54	31617	No
247	GOM_NL__2PRFIN20080317_203152_000000462066_00501_31617_4050.N1	17-MAR-2008 20:31:52	Dark	46.000	20	Bet Cru	1.2530	30000.	92	31617	No
248	GOM_NL__2PRFIN20080317_203436_000000422066_00501_31617_4051.N1	17-MAR-2008 20:34:36	Straylight	41.500	64	Gam Cen	2.2000	10600.	83	31617	No
249	GOM_NL__2PRFIN20080317_203652_000000462066_00501_31617_4052.N1	17-MAR-2008 20:36:52	Straylight	46.000	123	lot Cen	2.7500	10200.	92	31617	No
250	GOM_NL__2PRFIN20080317_204231_000000552066_00501_31617_4053.N1	17-MAR-2008 20:42:31	Straylight	54.500	106	9Bet Crv	2.6480	5600.0	109	31617	No
251	GOM_NL__2PRFIN20080317_204447_000000502066_00501_31617_4054.N1	17-MAR-2008 20:44:47	Tw_i_and_stray	49.500	100	4Gam Crv	2.5800	13100.	99	31617	No
252	GOM_NL__2PRFIN20080317_205408_000000372066_00501_31617_4055.N1	17-MAR-2008 20:54:08	Bright	37.000	22	32Alp Leo	1.3600	15200.	74	31617	No
253	GOM_NL__2PRFIN20080317_205621_000000372066_00501_31617_4056.N1	17-MAR-2008 20:56:21	Bright	36.500	51	41Gam1Leo	2.0100	4500.0	73	31617	No
254	GOM_NL__2PRFIN20080317_210358_000000382066_00501_31617_4057.N1	17-MAR-2008 21:03:58	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	31617	No
255	GOM_NL__2PRFIN20080317_210711_000000362066_00501_31617_4058.N1	17-MAR-2008 21:07:11	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	31617	No
256	GOM_NL__2PRFIN20080317_210841_000000352066_00501_31617_4059.N1	17-MAR-2008 21:08:41	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	31617	No
257	GOM_NL__2PRFIN20080317_211541_000000422066_00501_31617_4060.N1	17-MAR-2008 21:15:41	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	31617	No
258	GOM_NL__2PRFIN20080317_212400_000000372066_00501_31617_4061.N1	17-MAR-2008 21:24:00	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31617	No
259	GOM_NL__2PRFIN20080317_212907_000000372066_00501_31617_4062.N1	17-MAR-2008 21:29:07	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	31617	No
260	GOM_NL__2PRFIN20080317_213042_000000362066_00501_31617_4063.N1	17-MAR-2008 21:30:42	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	31617	No
261	GOM_NL__2PRFIN20080317_213226_000000362066_00501_31617_4064.N1	17-MAR-2008 21:32:26	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	31617	No
262	GOM_NL__2PRFIN20080317_214056_000000532066_00501_31617_4065.N1	17-MAR-2008 21:40:56	Tw_i_and_stray	53.000	11	53Alp Aql	0.76500	8000.0	106	31617	No
263	GOM_NL__2PRFIN20080317_215118_000000472066_00501_31617_4066.N1	17-MAR-2008 21:51:18	Dark	46.500	155	41Pi Sgr	2.9000	6600.0	93	31617	No
264	GOM_NL__2PRFIN20080317_215452_000000522066_00501_31617_4067.N1	17-MAR-2008 21:54:52	Dark	51.500	137	22Lam Sgr	2.8240	4400.0	103	31617	No
265	GOM_NL__2PRFIN20080317_215652_000000472066_00501_31617_4068.N1	17-MAR-2008 21:56:52	Dark	46.500	38	20Eps Sgr	1.8360	11000.	93	31617	No
266	GOM_NL__2PRFIN20080317_220244_000000432067_00001_31618_4057.N1	17-MAR-2008 22:02:44	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	31618	No
267	GOM_NL__2PRFIN20080317_220622_000000382067_00001_31618_4058.N1	17-MAR-2008 22:06:22	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31618	No
268	GOM_NL__2PRFIN20080317_220906_000000432067_00001_31618_4059.N1	17-MAR-2008 22:09:06	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	31618	No
269	GOM_NL__2PRFIN20080317_221111_000000282067_00001_31618_4060.N1	17-MAR-2008 22:11:11	Dark	28.000	109	Bet Lup	2.6770	26000.	56	31618	No
270	GOM_NL__2PRFIN20080317_221228_000000512067_00001_31618_4061.N1	17-MAR-2008 22:12:28	Dark	50.500	20	Bet Cru	1.2530	30000.	101	31618	No
271	GOM_NL__2PRFIN20080317_221513_000000462067_00001_31618_4062.N1	17-MAR-2008 22:15:13	Straylight	45.500	64	Gam Cen	2.2000	10600.	91	31618	No
272	GOM_NL__2PRFIN20080317_221728_000000472067_00001_31618_4063.N1	17-MAR-2008 22:17:28	Straylight	47.000	123	lot Cen	2.7500	10200.	94	31618	No
273	GOM_NL__2PRFIN20080317_222307_000000552067_00001_31618_4064.N1	17-MAR-2008 22:23:07	Straylight	55.000	106	9Bet Crv	2.6480	5600.0	110	31618	No
274	GOM_NL__2PRFIN20080317_222523_000000502067_00001_31618_4065.N1	17-MAR-2008 22:25:23	Tw_i_and_stray	49.500	100	4Gam Crv	2.5800	13100.	99	31618	No
275	GOM_NL__2PRFIN20080317_223444_000000372067_00001_31618_4066.N1	17-MAR-2008 22:34:44	Bright	37.000	22	32Alp Leo	1.3600	15200.	74	31618	No
276	GOM_NL__2PRFIN20080317_223657_000000372067_00001_31618_4067.N1	17-MAR-2008 22:36:57	Bright	36.500	51	41Gam1Leo	2.0100	4500.0	73	31618	No
277	GOM_NL__2PRFIN20080317_224433_000000382067_00001_31618_4068.N1	17-MAR-2008 22:44:33	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	31618	No
278	GOM_NL__2PRFIN20080317_224746_000000392067_00001_31618_4069.N1	17-MAR-2008 22:47:46	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	31618	No

279	GOM_NL__2PRFIN20080317_224916_000000372067_00001_31618_4070.N1	17-MAR-2008 22:49:16	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	31618	No
280	GOM_NL__2PRFIN20080317_225617_000000412067_00001_31618_4071.N1	17-MAR-2008 22:56:17	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	31618	No
281	GOM_NL__2PRFIN20080317_230435_000000362067_00001_31618_4072.N1	17-MAR-2008 23:04:35	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31618	No
282	GOM_NL__2PRFIN20080317_230943_000000372067_00001_31618_4073.N1	17-MAR-2008 23:09:43	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	31618	No
283	GOM_NL__2PRFIN20080317_231118_000000382067_00001_31618_4074.N1	17-MAR-2008 23:11:18	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	31618	No
284	GOM_NL__2PRFIN20080317_231302_000000372067_00001_31618_4075.N1	17-MAR-2008 23:13:02	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	31618	No
285	GOM_NL__2PRFIN20080317_232132_000000512067_00001_31618_4076.N1	17-MAR-2008 23:21:32	Twilight	51.000	11	53Alp Aql	0.76500	8000.0	102	31618	No
286	GOM_NL__2PRFIN20080317_233155_000000442067_00001_31618_4077.N1	17-MAR-2008 23:31:55	Dark	44.000	155	41Pi Sgr	2.9000	6600.0	88	31618	No
287	GOM_NL__2PRFIN20080317_233359_000000492067_00001_31618_4078.N1	17-MAR-2008 23:33:59	Dark	48.500	57	34Sig Sgr	2.0660	26000.	97	31618	No
288	GOM_NL__2PRFIN20080317_233529_000000562067_00001_31618_4079.N1	17-MAR-2008 23:35:29	Dark	55.500	137	22Lam Sgr	2.8240	4400.0	111	31618	No
289	GOM_NL__2PRFIN20080317_233729_000000472067_00001_31618_4080.N1	17-MAR-2008 23:37:29	Dark	47.000	38	20Eps Sgr	1.8360	11000.	94	31618	No
290	GOM_NL__2PRFIN20080317_234320_000000432067_00002_31619_4063.N1	17-MAR-2008 23:43:20	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	31619	No
291	GOM_NL__2PRFIN20080317_234659_000000402067_00002_31619_4064.N1	17-MAR-2008 23:46:59	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	31619	No
292	GOM_NL__2PRFIN20080317_234943_000000492067_00002_31619_4065.N1	17-MAR-2008 23:49:43	Dark	49.000	4	Alp1Cen	-0.010000	5800.0	98	31619	No
293	GOM_NL__2PRFIN20080317_235148_000000282067_00002_31619_4066.N1	17-MAR-2008 23:51:48	Dark	28.000	109	Bet Lup	2.6770	26000.	56	31619	No
294	GOM_NL__2PRFIN20080317_235305_000000402067_00002_31619_4067.N1	17-MAR-2008 23:53:05	Dark	39.500	20	Bet Cru	1.2530	30000.	79	31619	No
295	GOM_NL__2PRFIN20080317_235549_000000432067_00002_31619_4068.N1	17-MAR-2008 23:55:49	Straylight	43.000	64	Gam Cen	2.2000	10600.	86	31619	No
296	GOM_NL__2PRFIN20080317_235805_000000472067_00002_31619_4069.N1	17-MAR-2008 23:58:05	Straylight	47.000	123	lot Cen	2.7500	10200.	94	31619	No

### 3. Quality information per product

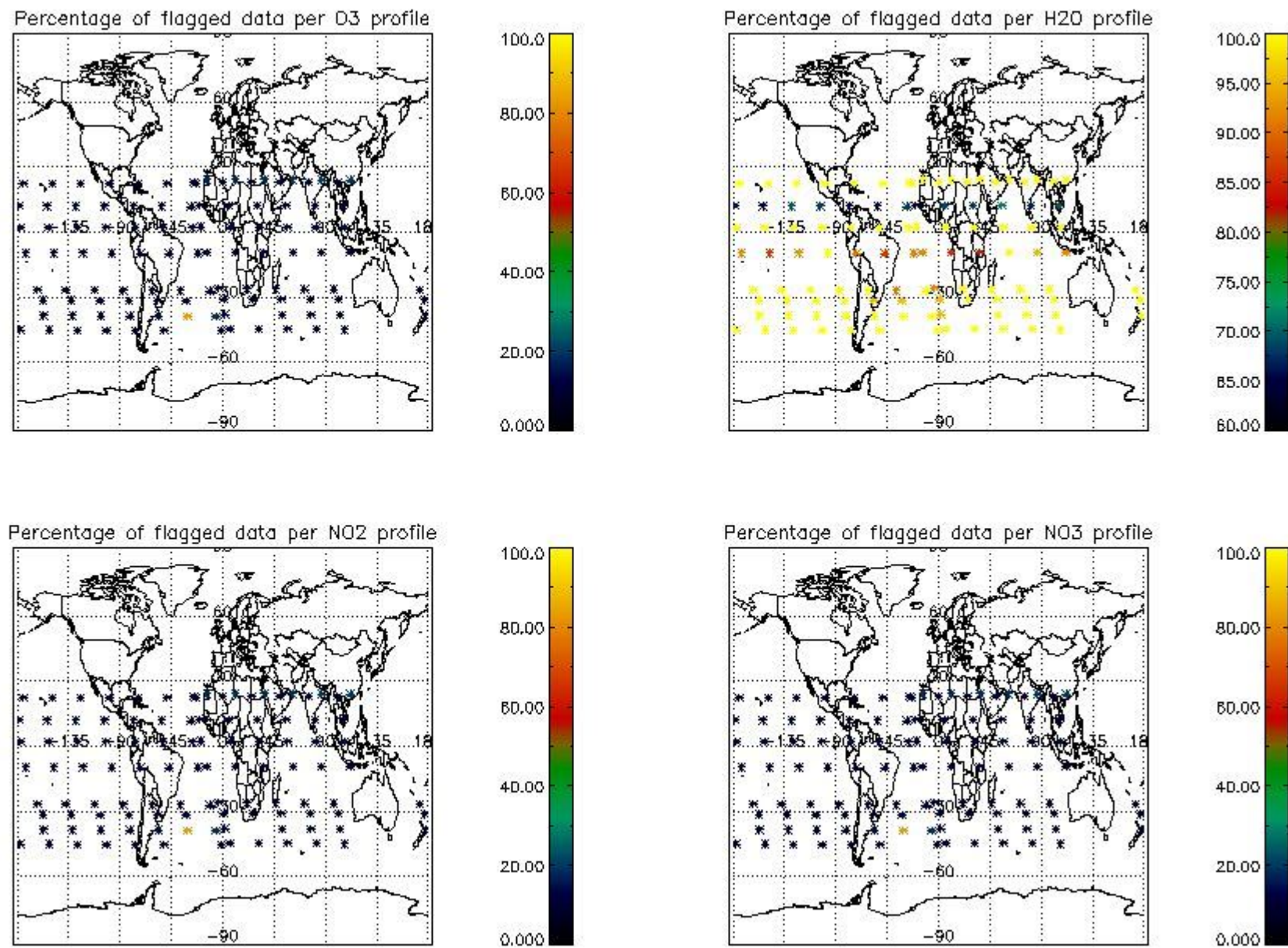
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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





### 3.2 Plot quality information per product (world map)



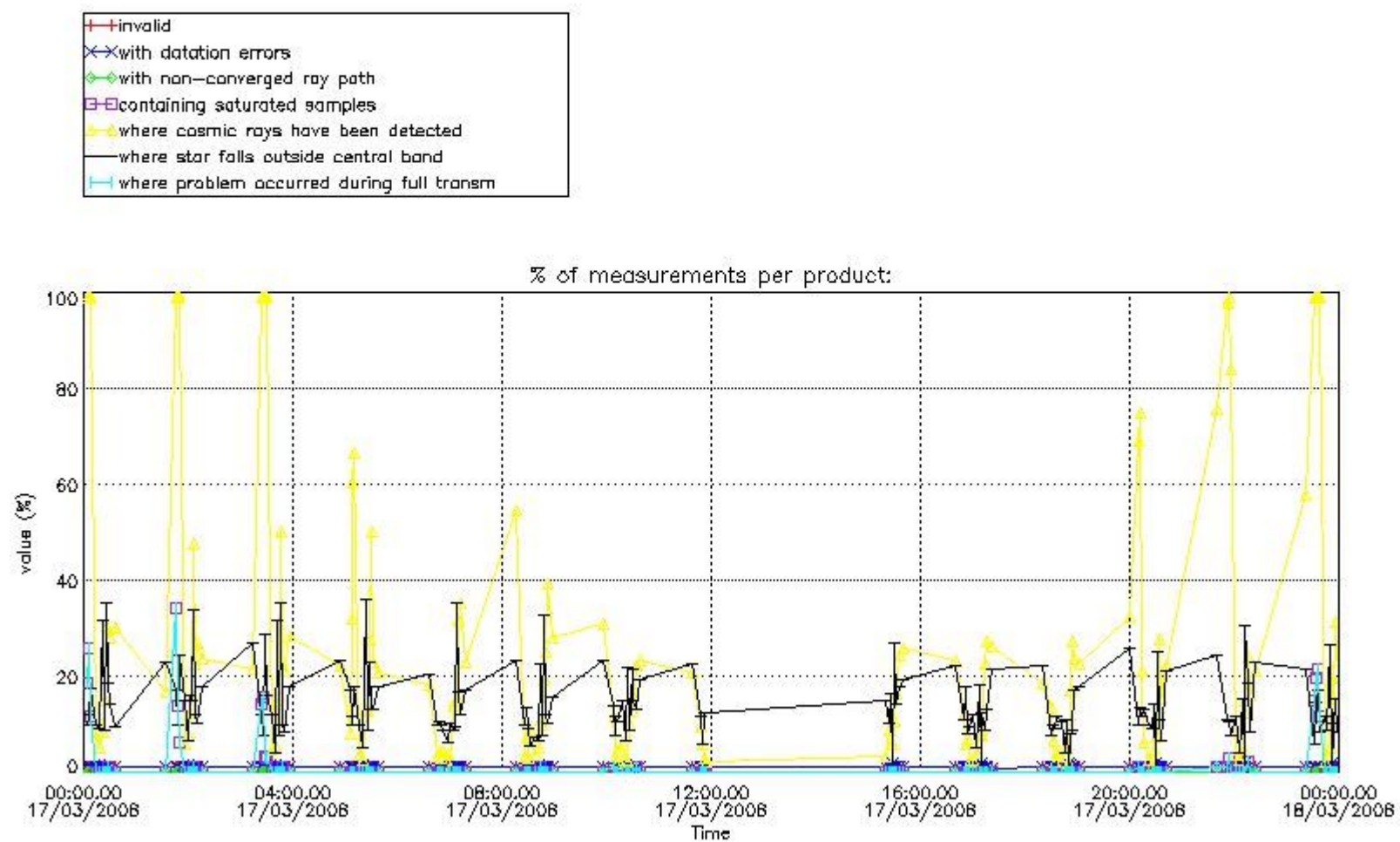
### 4. Level 1 quality information per product

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

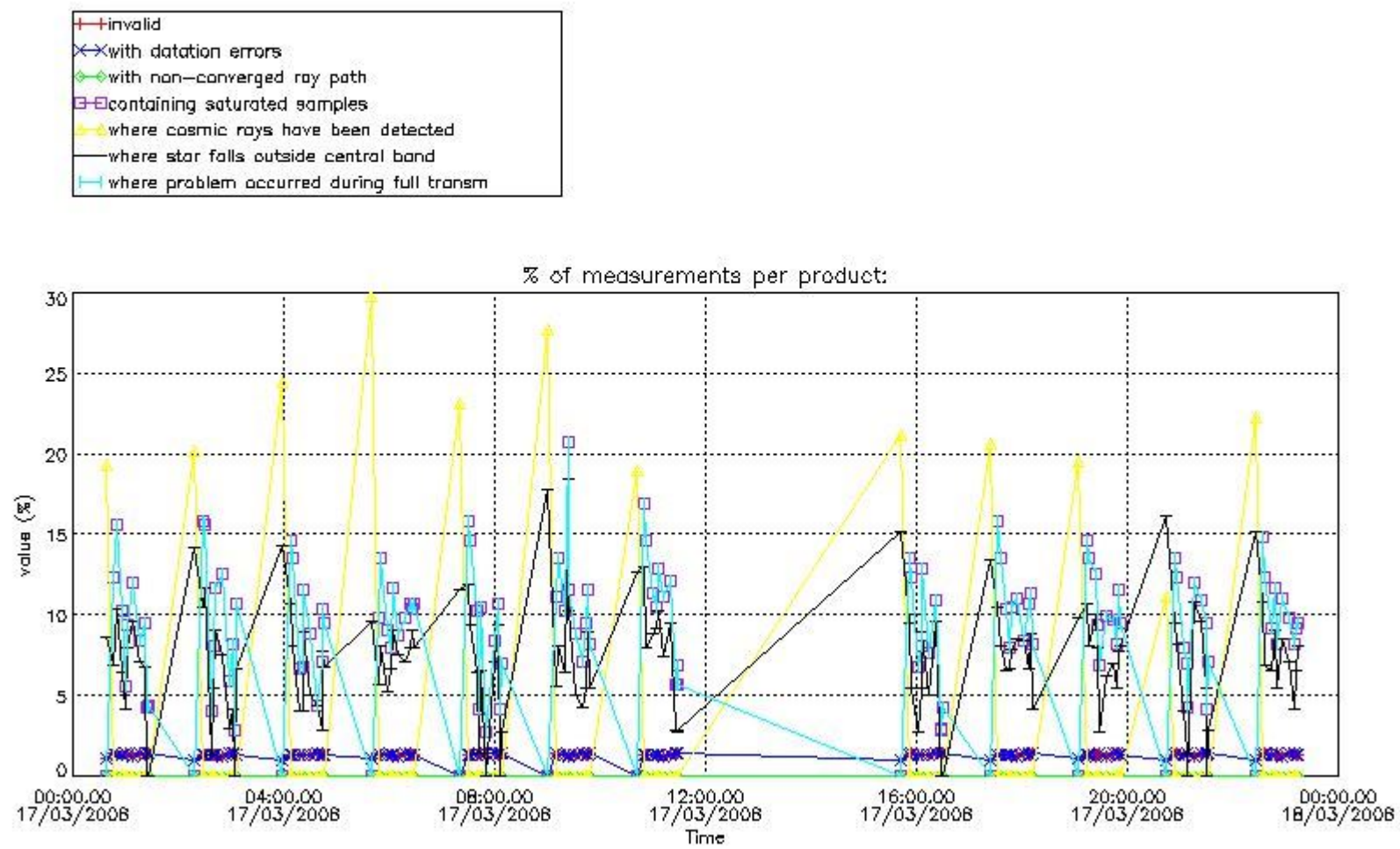
#### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



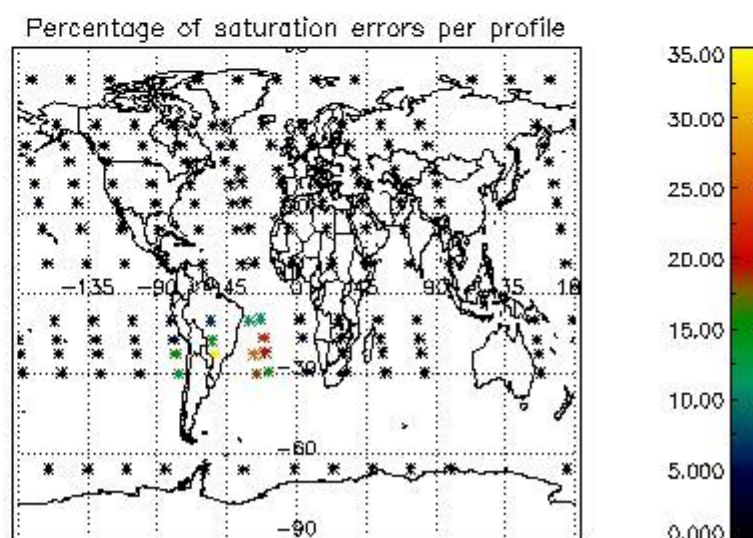
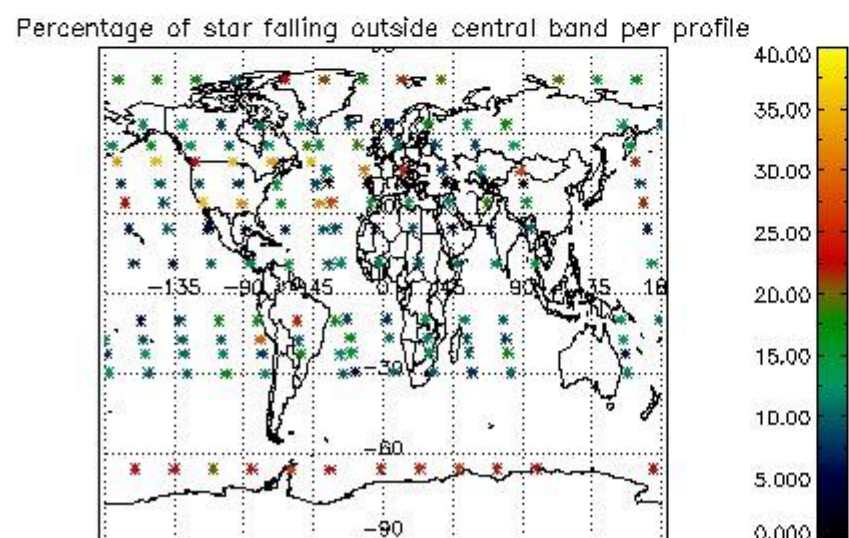
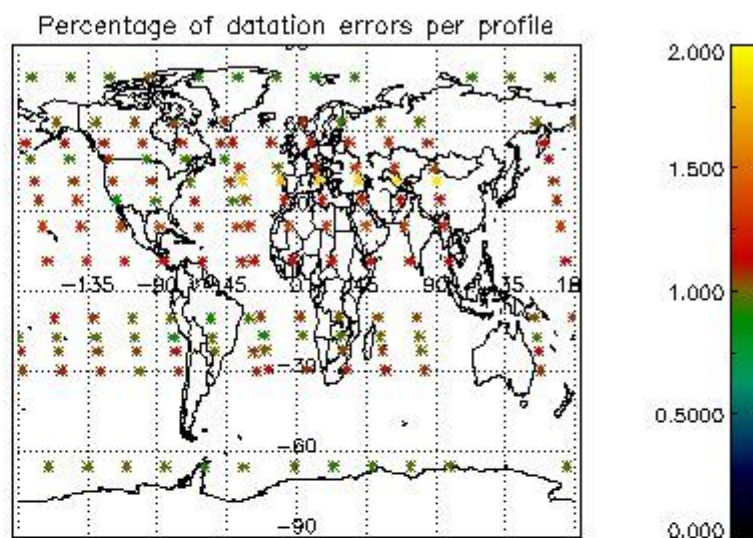
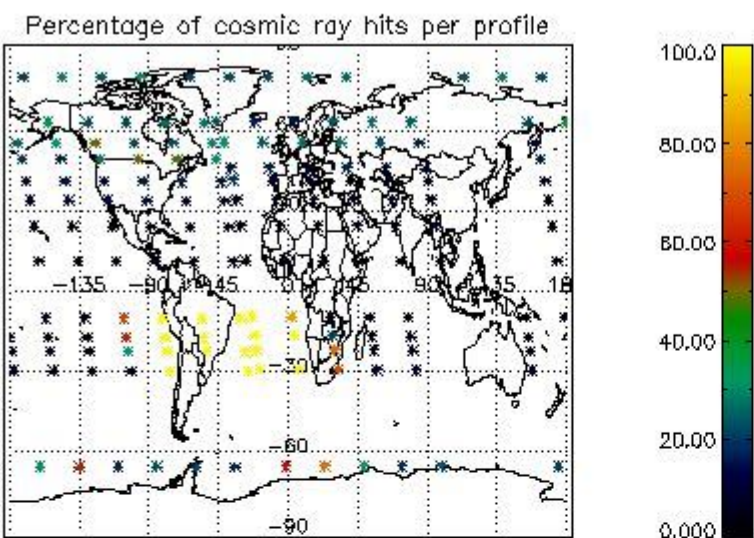


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



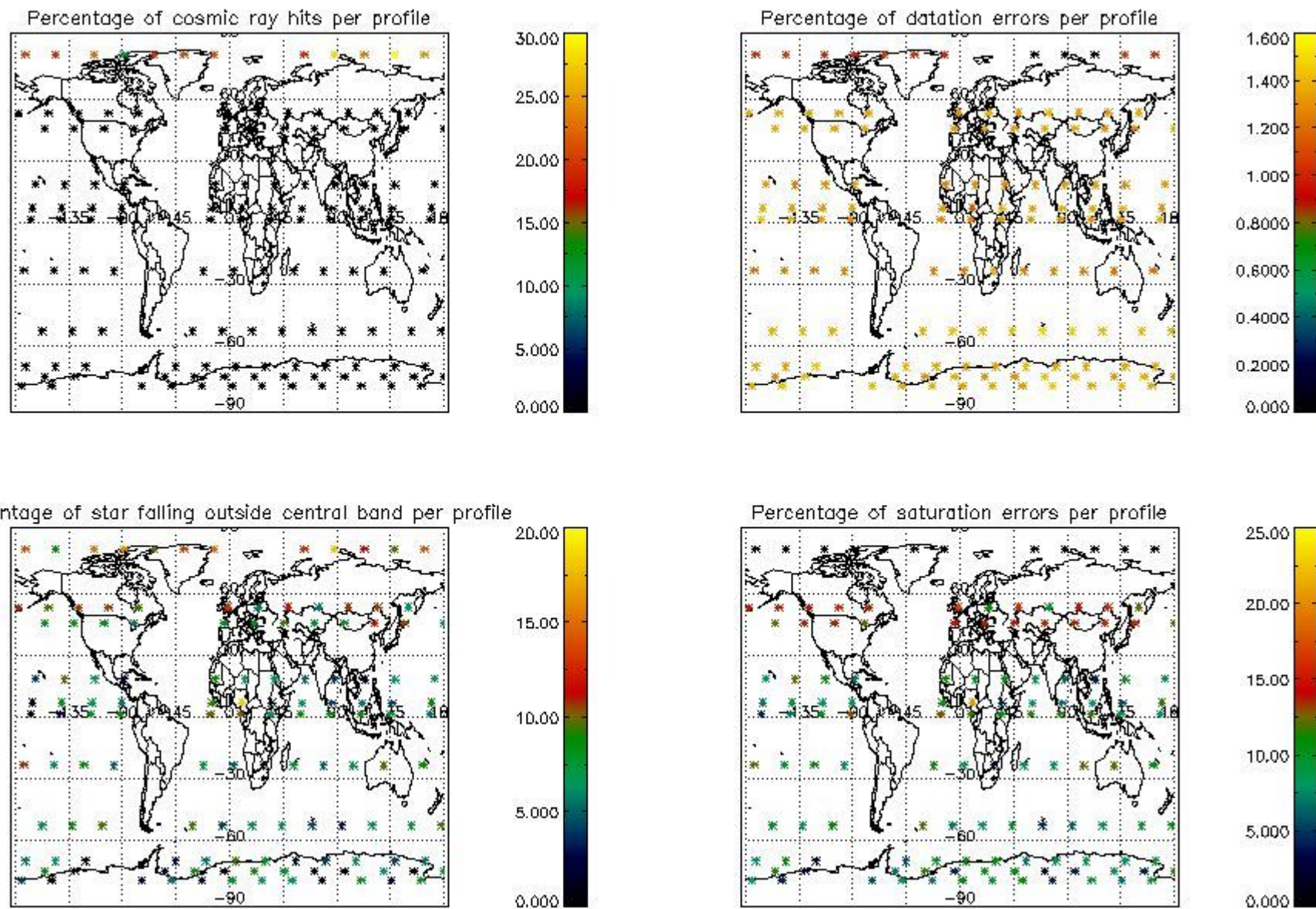
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

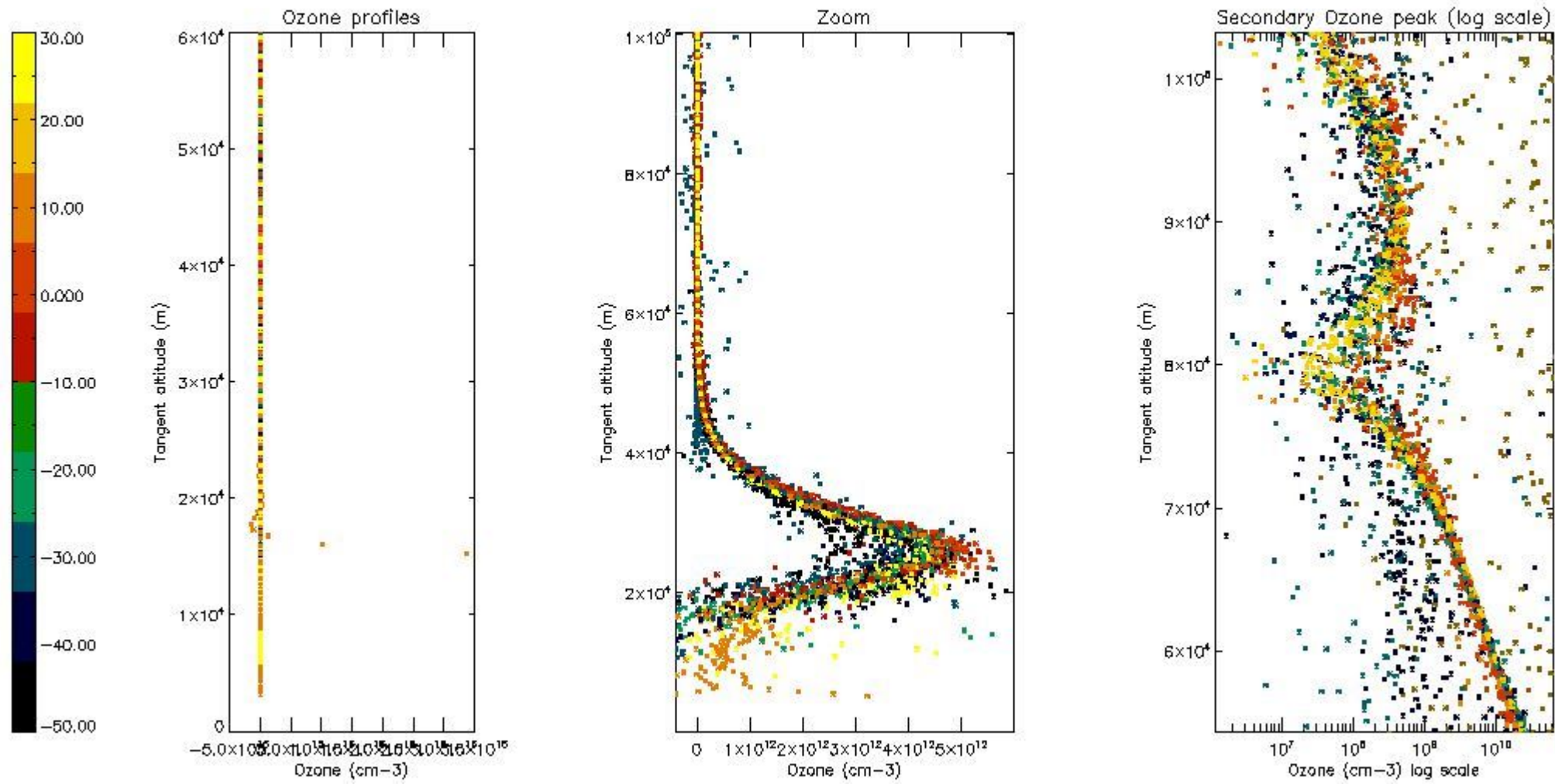
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	13
STD < 5	8

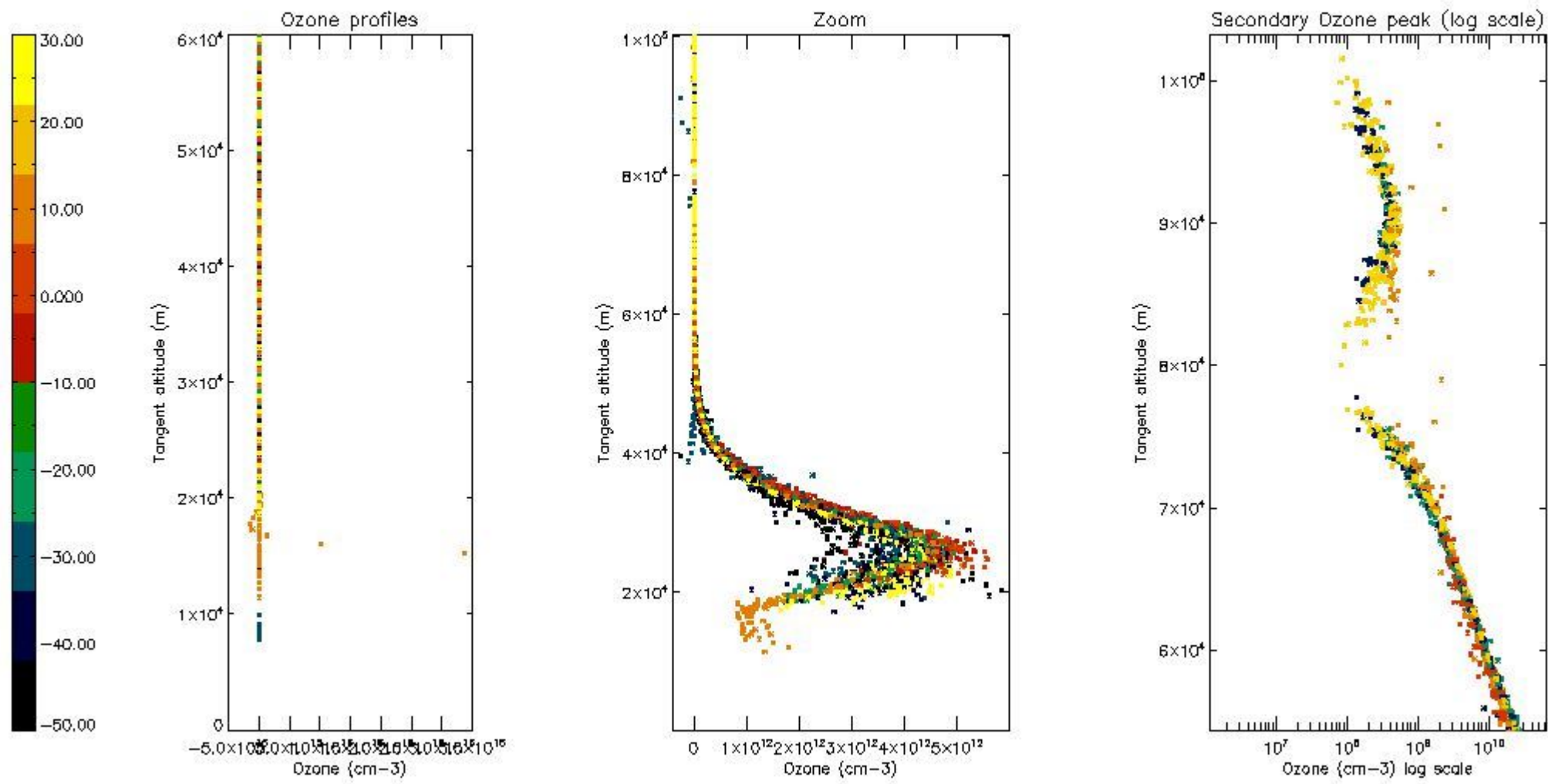
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

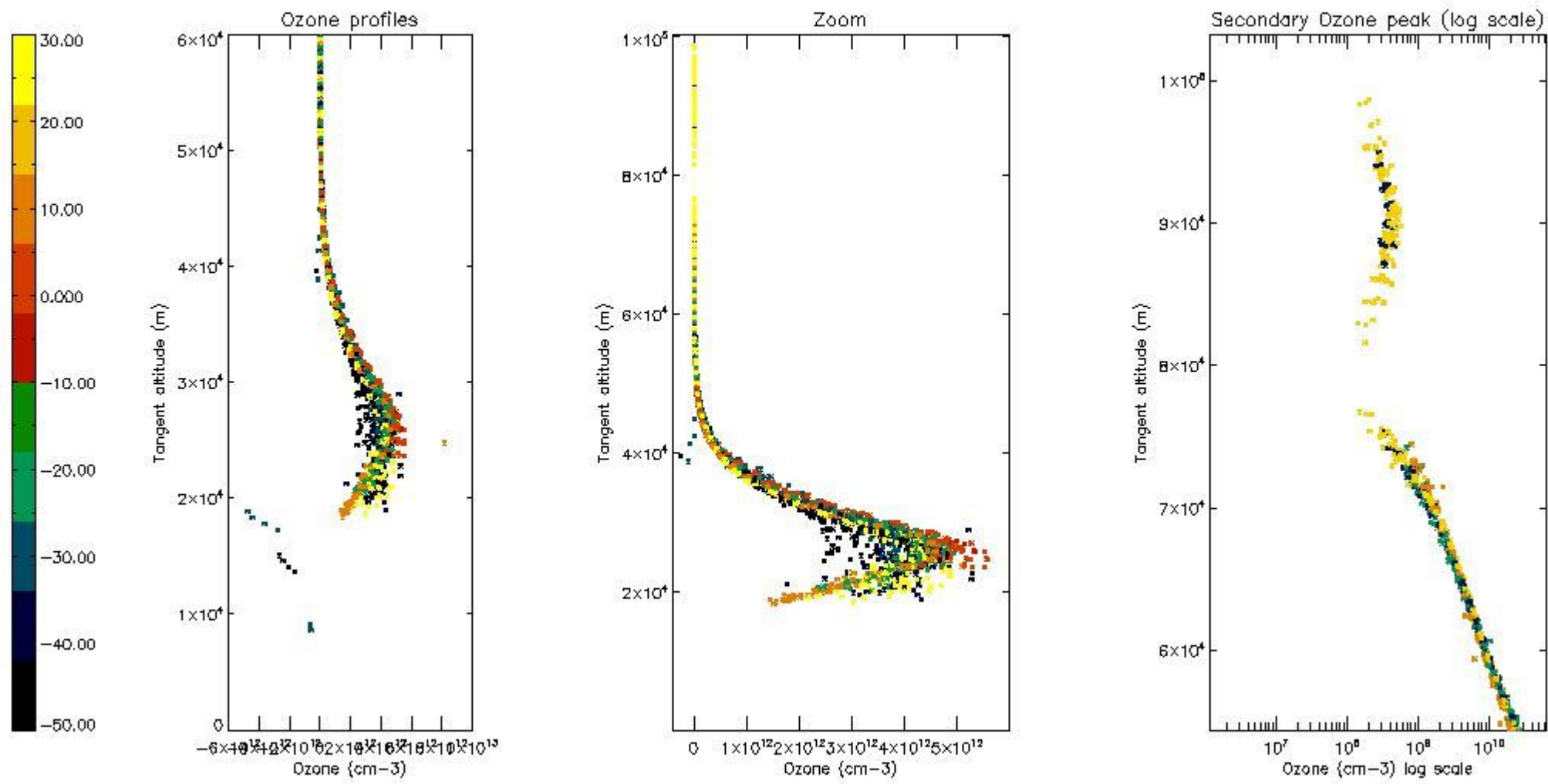
The colorbar represents the latitude.



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

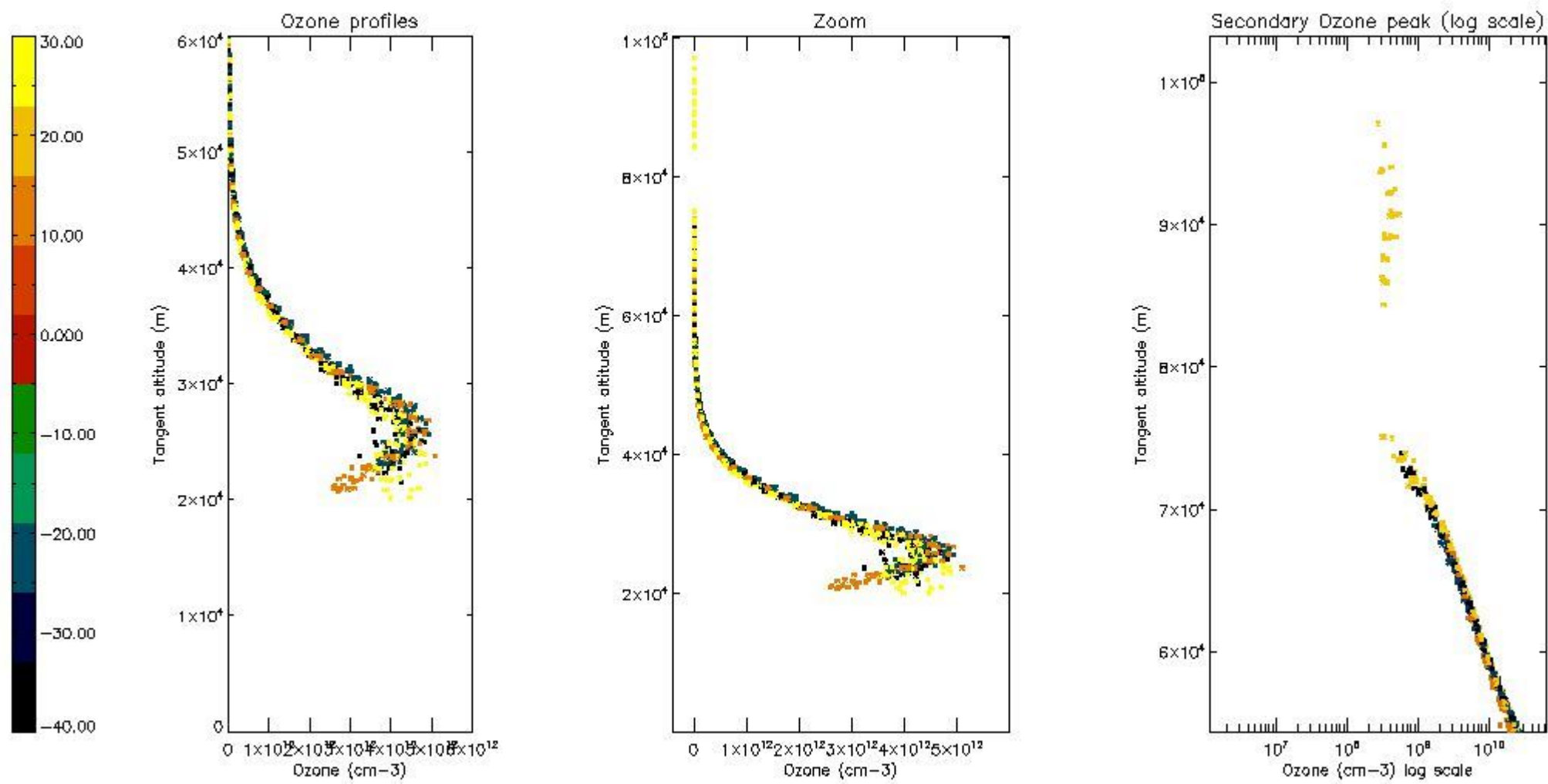
The colorbar represents the latitude.





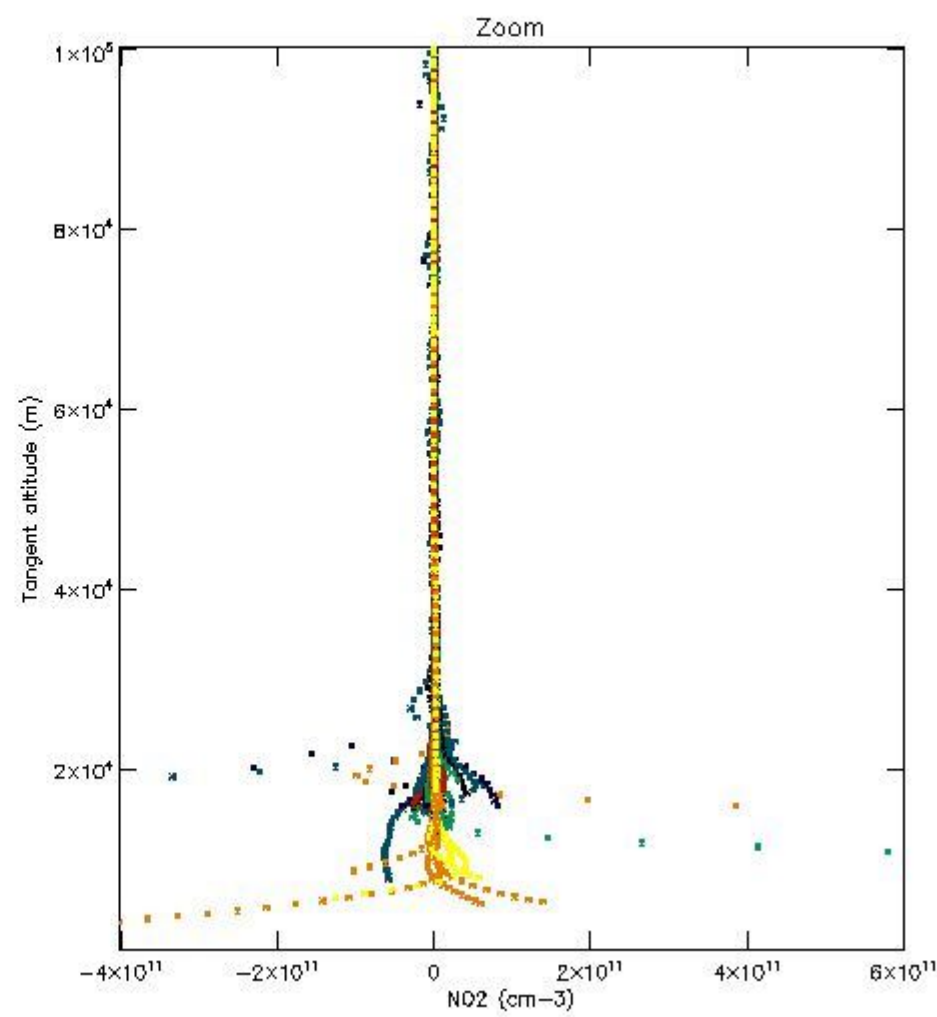
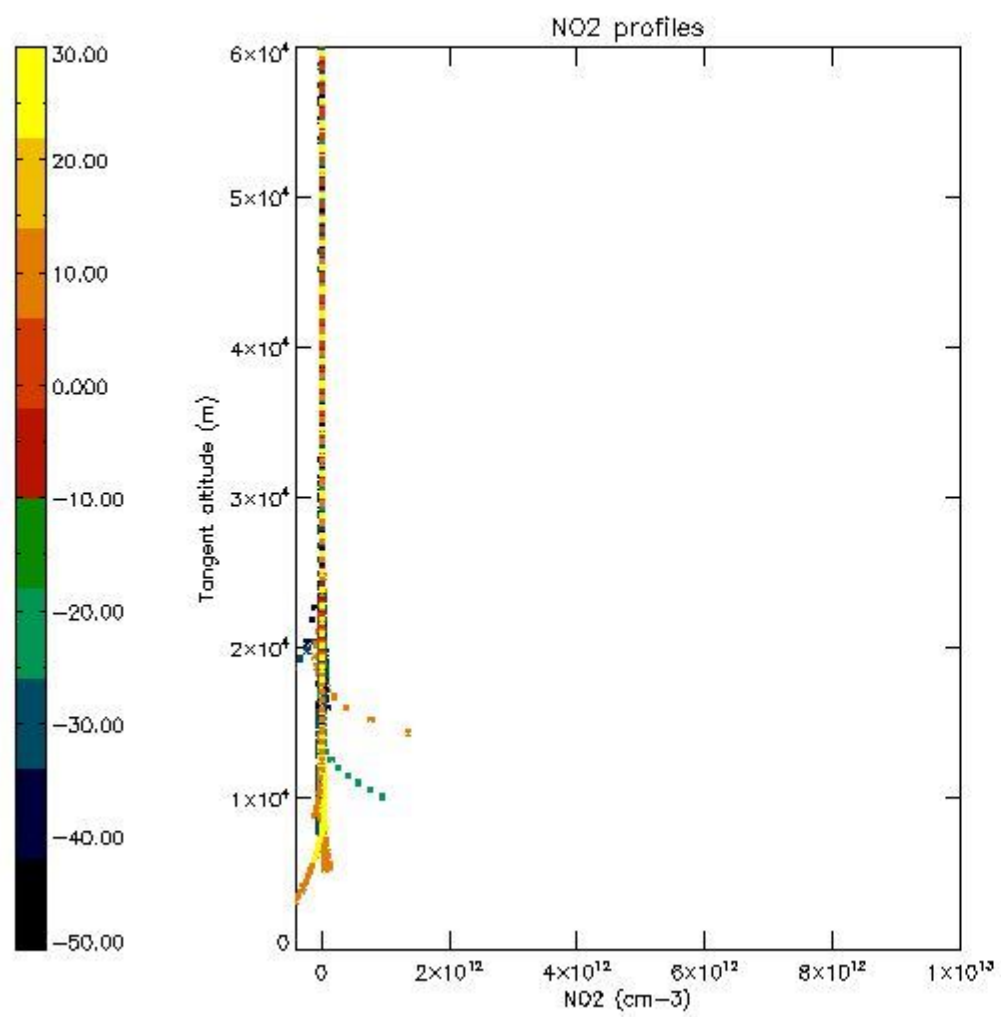
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

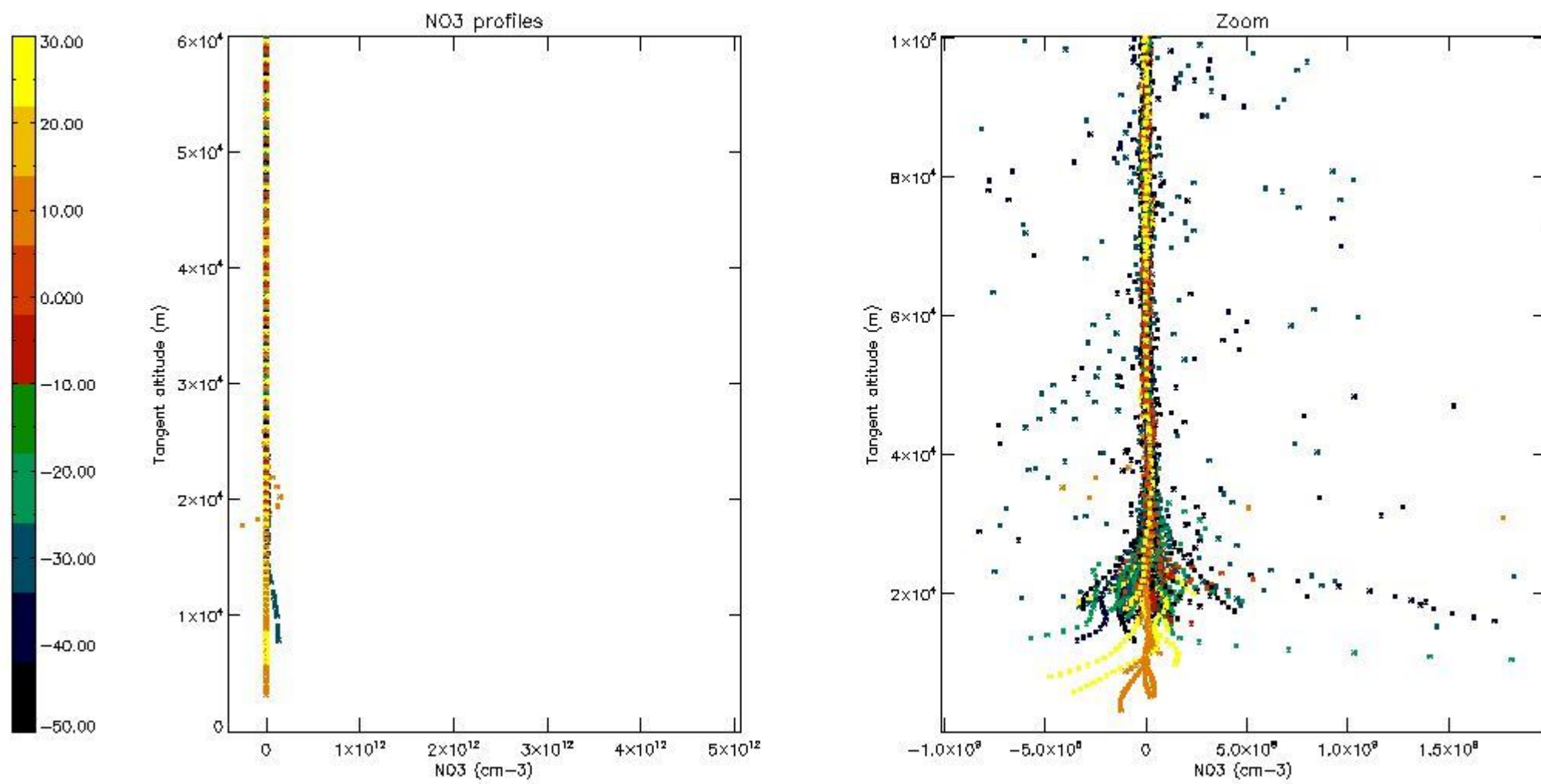
The colorbar represents the latitude.



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

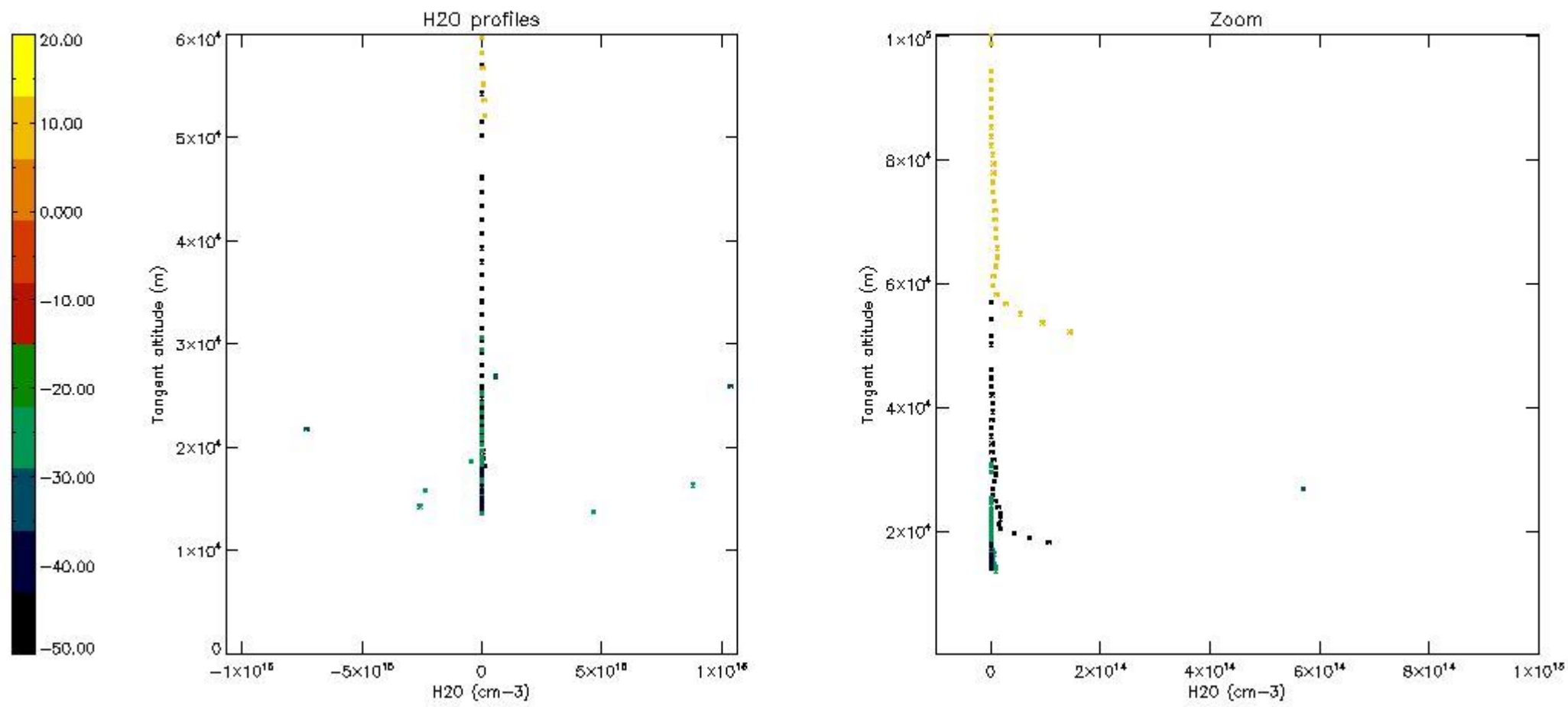
The colorbar represents the latitude.





*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	17-MAR-2008 00:03:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-MAR-2008 00:03:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-MAR-2008 00:03:20

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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### [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](#)

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#### [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 11:48:20
Data source version	GOMOS/6.01
Start time of products	17-03-2008 (17MAR2008 00:00:00)
Stop time of products	18-03-2008 (18MAR2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	296
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20080317_000320_000000462066_00488_31604_4172.N1	17-MAR-2008 00:03:20	Dark	45.500	155	41Pi Sgr	2.9000	6600.0	91	31604	No
2	GOM_NL__2PRFIN20080317_000523_000000472066_00488_31604_4173.N1	17-MAR-2008 00:05:23	Dark	46.500	57	34Sig Sgr	2.0660	26000.	93	31604	No
3	GOM_NL__2PRFIN20080317_000852_000000522066_00488_31604_4174.N1	17-MAR-2008 00:08:52	Dark	51.500	38	20Eps Sgr	1.8360	11000.	103	31604	No
4	GOM_NL__2PRFIN20080317_001448_000000422066_00489_31605_4155.N1	17-MAR-2008 00:14:48	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	31605	No
5	GOM_NL__2PRFIN20080317_001828_000000392066_00489_31605_4156.N1	17-MAR-2008 00:18:28	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	31605	No
6	GOM_NL__2PRFIN20080317_002112_000000542066_00489_31605_4157.N1	17-MAR-2008 00:21:12	Dark	53.500	4	Alp1Cen	-0.010000	5800.0	107	31605	No
7	GOM_NL__2PRFIN20080317_002313_000000472066_00489_31605_4158.N1	17-MAR-2008 00:23:13	Dark	46.500	78	Alp Lup	2.3040	28000.	93	31605	No
8	GOM_NL__2PRFIN20080317_002535_000000542066_00489_31605_4159.N1	17-MAR-2008 00:25:35	Straylight	54.000	26	Gam Cru	1.6240	2900.0	108	31605	No
9	GOM_NL__2PRFIN20080317_002720_000000462066_00489_31605_4160.N1	17-MAR-2008 00:27:20	Straylight	45.500	64	Gam Cen	2.2000	10600.	91	31605	No
10	GOM_NL__2PRFIN20080317_002934_000000502066_00489_31605_4161.N1	17-MAR-2008 00:29:34	Straylight	50.000	123	Iot Cen	2.7500	10200.	100	31605	No
11	GOM_NL__2PRFIN20080317_003517_000000482066_00489_31605_4162.N1	17-MAR-2008 00:35:17	Straylight	48.000	106	9Bet Crv	2.6480	5600.0	96	31605	No
12	GOM_NL__2PRFIN20080317_003734_000000472066_00489_31605_4163.N1	17-MAR-2008 00:37:34	Twilight_stray	46.500	100	4Gam Crv	2.5800	13100.	93	31605	No
13	GOM_NL__2PRFIN20080317_004656_000000372066_00489_31605_4164.N1	17-MAR-2008 00:46:56	Bright	36.500	22	32Alp Leo	1.3600	15200.	73	31605	No
14	GOM_NL__2PRFIN20080317_004909_000000392066_00489_31605_4165.N1	17-MAR-2008 00:49:09	Bright	38.500	51	41Gam1Leo	2.0100	4500.0	77	31605	No
15	GOM_NL__2PRFIN20080317_005650_000000392066_00489_31605_4166.N1	17-MAR-2008 00:56:50	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	31605	No
16	GOM_NL__2PRFIN20080317_010002_000000362066_00489_31605_4167.N1	17-MAR-2008 01:00:02	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	31605	No
17	GOM_NL__2PRFIN20080317_010132_000000382066_00489_31605_4168.N1	17-MAR-2008 01:01:32	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	31605	No
18	GOM_NL__2PRFIN20080317_010834_000000422066_00489_31605_4169.N1	17-MAR-2008 01:08:34	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	31605	No
19	GOM_NL__2PRFIN20080317_011648_000000362066_00489_31605_4170.N1	17-MAR-2008 01:16:48	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31605	No
20	GOM_NL__2PRFIN20080317_012155_000000372066_00489_31605_4171.N1	17-MAR-2008 01:21:55	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	31605	No
21	GOM_NL__2PRFIN20080317_012330_000000362066_00489_31605_4172.N1	17-MAR-2008 01:23:30	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	31605	No
22	GOM_NL__2PRFIN20080317_012513_000000352066_00489_31605_4173.N1	17-MAR-2008 01:25:13	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	31605	No
23	GOM_NL__2PRFIN20080317_013339_000000512066_00489_31605_4174.N1	17-MAR-2008 01:33:39	Twilight_stray	50.500	11	53Alp Aql	0.76500	8000.0	101	31605	No
24	GOM_NL__2PRFIN20080317_014600_000000502066_00489_31605_4175.N1	17-MAR-2008 01:46:00	Dark	50.000	57	34Sig Sgr	2.0660	26000.	100	31605	No
25	GOM_NL__2PRFIN20080317_014727_000000512066_00489_31605_4176.N1	17-MAR-2008 01:47:27	Dark	50.500	137	22Lam Sgr	2.8240	4400.0	101	31605	No
26	GOM_NL__2PRFIN20080317_014929_000000562066_00489_31605_4177.N1	17-MAR-2008 01:49:29	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	31605	No
27	GOM_NL__2PRFIN20080317_015524_000000442066_00490_31606_3942.N1	17-MAR-2008 01:55:24	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	31606	No
28	GOM_NL__2PRFIN20080317_015904_000000392066_00490_31606_3943.N1	17-MAR-2008 01:59:04	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31606	No
29	GOM_NL__2PRFIN20080317_020148_000000442066_00490_31606_3944.N1	17-MAR-2008 02:01:48	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	31606	No
30	GOM_NL__2PRFIN20080317_020350_000000512066_00490_31606_3945.N1	17-MAR-2008 02:03:50	Dark	50.500	78	Alp Lup	2.3040	28000.	101	31606	No
31	GOM_NL__2PRFIN20080317_020611_000000542066_00490_31606_3946.N1	17-MAR-2008 02:06:11	Straylight	53.500	26	Gam Cru	1.6240	2900.0	107	31606	No
32	GOM_NL__2PRFIN20080317_020756_000000422066_00490_31606_3947.N1	17-MAR-2008 02:07:56	Straylight	42.000	64	Gam Cen	2.2000	10600.	84	31606	No
33	GOM_NL__2PRFIN20080317_021010_000000492066_00490_31606_3948.N1	17-MAR-2008 02:10:10	Straylight	48.500	123	Iot Cen	2.7500	10200.	97	31606	No
34	GOM_NL__2PRFIN20080317_021553_000000532066_00490_31606_3949.N1	17-MAR-2008 02:15:53	Straylight	53.000	106	9Bet Crv	2.6480	5600.0	106	31606	No
35	GOM_NL__2PRFIN20080317_021810_000000502066_00490_31606_3950.N1	17-MAR-2008 02:18:10	Twilight_stray	49.500	100	4Gam Crv	2.5800	13100.	99	31606	No
36	GOM_NL__2PRFIN20080317_022732_000000382066_00490_31606_3951.N1	17-MAR-2008 02:27:32	Bright	38.000	22	32Alp Leo	1.3600	15200.	76	31606	No
37	GOM_NL__2PRFIN20080317_022945_000000392066_00490_31606_3952.N1	17-MAR-2008 02:29:45	Bright	38.500	51	41Gam1Leo	2.0100	4500.0	77	31606	No
38	GOM_NL__2PRFIN20080317_023726_000000372066_00490_31606_3953.N1	17-MAR-2008 02:37:26	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	31606	No
39	GOM_NL__2PRFIN20080317_024038_000000372066_00490_31606_3954.N1	17-MAR-2008 02:40:38	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	31606	No
40	GOM_NL__2PRFIN20080317_024208_000000392066_00490_31606_3955.N1	17-MAR-2008 02:42:08	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	31606	No
41	GOM_NL__2PRFIN20080317_024910_000000402066_00490_31606_3956.N1	17-MAR-2008 02:49:10	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	31606	No
42	GOM_NL__2PRFIN20080317_025724_000000342066_00490_31606_3957.N1	17-MAR-2008 02:57:24	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31606	No

43	GOM_NL__2PRFIN20080317_030231_000000372066_00490_31606_3958.N1	17-MAR-2008 03:02:31	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	31606	No
44	GOM_NL__2PRFIN20080317_030406_000000352066_00490_31606_3959.N1	17-MAR-2008 03:04:06	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	31606	No
45	GOM_NL__2PRFIN20080317_030549_000000382066_00490_31606_3960.N1	17-MAR-2008 03:05:49	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	31606	No
46	GOM_NL__2PRFIN20080317_031416_000000542066_00490_31606_3961.N1	17-MAR-2008 03:14:16	Twilight	54.000	11	53Alp Aql	0.76500	8000.0	108	31606	No
47	GOM_NL__2PRFIN20080317_032433_000000462066_00490_31606_3962.N1	17-MAR-2008 03:24:33	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	31606	No
48	GOM_NL__2PRFIN20080317_032637_000000452066_00490_31606_3963.N1	17-MAR-2008 03:26:37	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	31606	No
49	GOM_NL__2PRFIN20080317_032804_000000632066_00490_31606_3964.N1	17-MAR-2008 03:28:04	Dark	63.000	137	22Lam Sgr	2.8240	4400.0	126	31606	No
50	GOM_NL__2PRFIN20080317_033006_000000502066_00490_31606_3965.N1	17-MAR-2008 03:30:06	Dark	50.000	38	20Eps Sgr	1.8360	11000.	100	31606	No
51	GOM_NL__2PRFIN20080317_033601_000000422066_00491_31607_3949.N1	17-MAR-2008 03:36:01	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31607	No
52	GOM_NL__2PRFIN20080317_033941_000000382066_00491_31607_3950.N1	17-MAR-2008 03:39:41	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31607	No
53	GOM_NL__2PRFIN20080317_034225_000000542066_00491_31607_3951.N1	17-MAR-2008 03:42:25	Dark	53.500	4	Alp1Cen	-0.010000	5800.0	107	31607	No
54	GOM_NL__2PRFIN20080317_034427_000000472066_00491_31607_3952.N1	17-MAR-2008 03:44:27	Dark	46.500	78	Alp Lup	2.3040	28000.	93	31607	No
55	GOM_NL__2PRFIN20080317_034647_000000542066_00491_31607_3953.N1	17-MAR-2008 03:46:47	Straylight	54.000	26	Gam Cru	1.6240	2900.0	108	31607	No
56	GOM_NL__2PRFIN20080317_034833_000000412066_00491_31607_3954.N1	17-MAR-2008 03:48:33	Straylight	40.500	64	Gam Cen	2.2000	10600.	81	31607	No
57	GOM_NL__2PRFIN20080317_035047_000000482066_00491_31607_3955.N1	17-MAR-2008 03:50:47	Straylight	47.500	123	lot Cen	2.7500	10200.	95	31607	No
58	GOM_NL__2PRFIN20080317_035629_000000532066_00491_31607_3956.N1	17-MAR-2008 03:56:29	Straylight	53.000	106	9Bet Crv	2.6480	5600.0	106	31607	No
59	GOM_NL__2PRFIN20080317_035846_000000492066_00491_31607_3957.N1	17-MAR-2008 03:58:46	Twilight	49.000	100	4Gam Crv	2.5800	13100.	98	31607	No
60	GOM_NL__2PRFIN20080317_040808_000000382066_00491_31607_3958.N1	17-MAR-2008 04:08:08	Bright	37.500	22	32Alp Leo	1.3600	15200.	75	31607	No
61	GOM_NL__2PRFIN20080317_041021_000000372066_00491_31607_3959.N1	17-MAR-2008 04:10:21	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31607	No
62	GOM_NL__2PRFIN20080317_041801_000000382066_00491_31607_3960.N1	17-MAR-2008 04:18:01	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	31607	No
63	GOM_NL__2PRFIN20080317_042114_000000372066_00491_31607_3961.N1	17-MAR-2008 04:21:14	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	31607	No
64	GOM_NL__2PRFIN20080317_042244_000000392066_00491_31607_3962.N1	17-MAR-2008 04:22:44	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	31607	No
65	GOM_NL__2PRFIN20080317_042946_000000402066_00491_31607_3963.N1	17-MAR-2008 04:29:46	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	31607	No
66	GOM_NL__2PRFIN20080317_043800_000000342066_00491_31607_3964.N1	17-MAR-2008 04:38:00	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31607	No
67	GOM_NL__2PRFIN20080317_044307_000000362066_00491_31607_3965.N1	17-MAR-2008 04:43:07	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31607	No
68	GOM_NL__2PRFIN20080317_044442_000000392066_00491_31607_3966.N1	17-MAR-2008 04:44:42	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	31607	No
69	GOM_NL__2PRFIN20080317_044626_000000372066_00491_31607_3967.N1	17-MAR-2008 04:46:26	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	31607	No
70	GOM_NL__2PRFIN20080317_045452_000000522066_00491_31607_3968.N1	17-MAR-2008 04:54:52	Twilight	51.500	11	53Alp Aql	0.76500	8000.0	103	31607	No
71	GOM_NL__2PRFIN20080317_050510_000000502066_00491_31607_3969.N1	17-MAR-2008 05:05:10	Dark	50.000	155	41Pi Sgr	2.9000	6600.0	100	31607	No
72	GOM_NL__2PRFIN20080317_050713_000000472066_00491_31607_3970.N1	17-MAR-2008 05:07:13	Dark	47.000	57	34Sig Sgr	2.0660	26000.	94	31607	No
73	GOM_NL__2PRFIN20080317_050841_000000512066_00491_31607_3971.N1	17-MAR-2008 05:08:41	Dark	50.500	137	22Lam Sgr	2.8240	4400.0	101	31607	No
74	GOM_NL__2PRFIN20080317_051043_000000512066_00491_31607_3972.N1	17-MAR-2008 05:10:43	Dark	51.000	38	20Eps Sgr	1.8360	11000.	102	31607	No
75	GOM_NL__2PRFIN20080317_051638_000000412066_00492_31608_3960.N1	17-MAR-2008 05:16:38	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	31608	No
76	GOM_NL__2PRFIN20080317_052018_000000382066_00492_31608_3961.N1	17-MAR-2008 05:20:18	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31608	No
77	GOM_NL__2PRFIN20080317_052302_000000572066_00492_31608_3962.N1	17-MAR-2008 05:23:02	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	31608	No
78	GOM_NL__2PRFIN20080317_052503_000000472066_00492_31608_3963.N1	17-MAR-2008 05:25:03	Dark	46.500	78	Alp Lup	2.3040	28000.	93	31608	No
79	GOM_NL__2PRFIN20080317_052724_000000462066_00492_31608_3964.N1	17-MAR-2008 05:27:24	Straylight	45.500	26	Gam Cru	1.6240	2900.0	91	31608	No
80	GOM_NL__2PRFIN20080317_052909_000000422066_00492_31608_3965.N1	17-MAR-2008 05:29:09	Straylight	42.000	64	Gam Cen	2.2000	10600.	84	31608	No
81	GOM_NL__2PRFIN20080317_053124_000000502066_00492_31608_3966.N1	17-MAR-2008 05:31:24	Straylight	50.000	123	lot Cen	2.7500	10200.	100	31608	No
82	GOM_NL__2PRFIN20080317_053706_000000532066_00492_31608_3967.N1	17-MAR-2008 05:37:06	Straylight	53.000	106	9Bet Crv	2.6480	5600.0	106	31608	No
83	GOM_NL__2PRFIN20080317_053922_000000472066_00492_31608_3968.N1	17-MAR-2008 05:39:22	Twilight	47.000	100	4Gam Crv	2.5800	13100.	94	31608	No
84	GOM_NL__2PRFIN20080317_054844_000000362066_00492_31608_3969.N1	17-MAR-2008 05:48:44	Bright	35.500	22	32Alp Leo	1.3600	15200.	71	31608	No
85	GOM_NL__2PRFIN20080317_055057_000000372066_00492_31608_3970.N1	17-MAR-2008 05:50:57	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31608	No
86	GOM_NL__2PRFIN20080317_055837_000000392066_00492_31608_3971.N1	17-MAR-2008 05:58:37	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	31608	No
87	GOM_NL__2PRFIN20080317_060149_000000382066_00492_31608_3972.N1	17-MAR-2008 06:01:49	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	31608	No
88	GOM_NL__2PRFIN20080317_060319_000000392066_00492_31608_3973.N1	17-MAR-2008 06:03:19	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	31608	No
89	GOM_NL__2PRFIN20080317_061021_000000402066_00492_31608_3974.N1	17-MAR-2008 06:10:21	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	31608	No
90	GOM_NL__2PRFIN20080317_061836_000000362066_00492_31608_3975.N1	17-MAR-2008 06:18:36	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31608	No
91	GOM_NL__2PRFIN20080317_062343_000000382066_00492_31608_3976.N1	17-MAR-2008 06:23:43	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	31608	No
92	GOM_NL__2PRFIN20080317_062518_000000392066_00492_31608_3977.N1	17-MAR-2008 06:25:18	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	31608	No
93	GOM_NL__2PRFIN20080317_062702_000000382066_00492_31608_3978.N1	17-MAR-2008 06:27:02	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	31608	No
94	GOM_NL__2PRFIN20080317_063528_000000502066_00492_31608_3979.N1	17-MAR-2008 06:35:28	Twilight	49.500	11	53Alp Aql	0.76500	8000.0	99	31608	No
95	GOM_NL__2PRFIN20080317_064547_000000462066_00492_31608_3980.N1	17-MAR-2008 06:45:47	Dark	45.500	155	41Pi Sgr	2.9000	6600.0	91	31608	No
96	GOM_NL__2PRFIN20080317_064750_000000472066_00492_31608_3981.N1	17-MAR-2008 06:47:50	Dark	47.000	57	34Sig Sgr	2.0660	26000.	94	31608	No
97	GOM_NL__2PRFIN20080317_064918_000000512066_00492_31608_3982.N1	17-MAR-2008 06:49:18	Dark	51.000	137	22Lam Sgr	2.8240	4400.0	102	31608	No
98	GOM_NL__2PRFIN20080317_065120_000000472066_00492_31608_3983.N1	17-MAR-2008 06:51:20	Dark	46.500	38	20Eps Sgr	1.8360	11000.	93	31608	No
99	GOM_NL__2PRFIN20080317_065714_000000402066_00493_31609_3970.N1	17-MAR-2008 06:57:14	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	31609	No
100	GOM_NL__2PRFIN20080317_070054_000000402066_00493_31609_3971.N1	17-MAR-2008 07:00:54	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	31609	No
101	GOM_NL__2PRFIN20080317_070338_000000402066_00493_31609_3972.N1	17-MAR-2008 07:03:38	Dark	40.000	4	Alp1Cen	-0.010000	5800.0	80	31609	No

102	GOM_NL__2PRFIN20080317_070540_000000472066_00493_31609_3973.N1	17-MAR-2008 07:05:40	Dark	47.000	78	Alp Lup	2.3040	28000.	94	31609	No
103	GOM_NL__2PRFIN20080317_070800_000000542066_00493_31609_3974.N1	17-MAR-2008 07:08:00	Straylight	54.000	26	Gam Cru	1.6240	2900.0	108	31609	No
104	GOM_NL__2PRFIN20080317_070945_000000452066_00493_31609_3975.N1	17-MAR-2008 07:09:45	Straylight	44.500	64	Gam Cen	2.2000	10600.	89	31609	No
105	GOM_NL__2PRFIN20080317_071200_000000502066_00493_31609_3976.N1	17-MAR-2008 07:12:00	Straylight	49.500	123	lot Cen	2.7500	10200.	99	31609	No
106	GOM_NL__2PRFIN20080317_071742_000000532066_00493_31609_3977.N1	17-MAR-2008 07:17:42	Straylight	52.500	106	9Bet Crv	2.6480	5600.0	105	31609	No
107	GOM_NL__2PRFIN20080317_071959_000000482066_00493_31609_3978.N1	17-MAR-2008 07:19:59	Tw_i_and_stray	47.500	100	4Gam Crv	2.5800	13100.	95	31609	No
108	GOM_NL__2PRFIN20080317_072920_000000382066_00493_31609_3979.N1	17-MAR-2008 07:29:20	Bright	38.000	22	32Alp Leo	1.3600	15200.	76	31609	No
109	GOM_NL__2PRFIN20080317_073133_000000382066_00493_31609_3980.N1	17-MAR-2008 07:31:33	Bright	37.500	51	41Gam1Leo	2.0100	4500.0	75	31609	No
110	GOM_NL__2PRFIN20080317_073913_000000392066_00493_31609_3981.N1	17-MAR-2008 07:39:13	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	31609	No
111	GOM_NL__2PRFIN20080317_074225_000000362066_00493_31609_3982.N1	17-MAR-2008 07:42:25	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	31609	No
112	GOM_NL__2PRFIN20080317_074355_000000382066_00493_31609_3983.N1	17-MAR-2008 07:43:55	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	31609	No
113	GOM_NL__2PRFIN20080317_075057_000000372066_00493_31609_3984.N1	17-MAR-2008 07:50:57	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	31609	No
114	GOM_NL__2PRFIN20080317_075912_000000362066_00493_31609_3985.N1	17-MAR-2008 07:59:12	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31609	No
115	GOM_NL__2PRFIN20080317_080419_000000382066_00493_31609_3986.N1	17-MAR-2008 08:04:19	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	31609	No
116	GOM_NL__2PRFIN20080317_080554_000000362066_00493_31609_3987.N1	17-MAR-2008 08:05:54	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	31609	No
117	GOM_NL__2PRFIN20080317_080738_000000362066_00493_31609_3988.N1	17-MAR-2008 08:07:38	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	31609	No
118	GOM_NL__2PRFIN20080317_081605_000000522066_00493_31609_3989.N1	17-MAR-2008 08:16:05	Tw_i_and_stray	51.500	11	53Alp Aql	0.76500	8000.0	103	31609	No
119	GOM_NL__2PRFIN20080317_082624_000000462066_00493_31609_3990.N1	17-MAR-2008 08:26:24	Dark	45.500	155	41Pi Sgr	2.9000	6600.0	91	31609	No
120	GOM_NL__2PRFIN20080317_082827_000000482066_00493_31609_3991.N1	17-MAR-2008 08:28:27	Dark	48.000	57	34Sig Sgr	2.0660	26000.	96	31609	No
121	GOM_NL__2PRFIN20080317_082955_000000502066_00493_31609_3992.N1	17-MAR-2008 08:29:55	Dark	50.000	137	22Lam Sgr	2.8240	4400.0	100	31609	No
122	GOM_NL__2PRFIN20080317_083157_000000452066_00493_31609_3993.N1	17-MAR-2008 08:31:57	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	31609	No
123	GOM_NL__2PRFIN20080317_083751_000000412066_00494_31610_3974.N1	17-MAR-2008 08:37:51	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	31610	No
124	GOM_NL__2PRFIN20080317_084131_000000392066_00494_31610_3975.N1	17-MAR-2008 08:41:31	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31610	No
125	GOM_NL__2PRFIN20080317_084415_000000472066_00494_31610_3976.N1	17-MAR-2008 08:44:15	Dark	46.500	4	Alp1Cen	-0.010000	5800.0	93	31610	No
126	GOM_NL__2PRFIN20080317_084617_000000462066_00494_31610_3977.N1	17-MAR-2008 08:46:17	Dark	46.000	78	Alp Lup	2.3040	28000.	92	31610	No
127	GOM_NL__2PRFIN20080317_084836_000000522066_00494_31610_3978.N1	17-MAR-2008 08:48:36	Straylight	52.000	26	Gam Cru	1.6240	2900.0	104	31610	No
128	GOM_NL__2PRFIN20080317_085022_000000422066_00494_31610_3979.N1	17-MAR-2008 08:50:22	Straylight	42.000	64	Gam Cen	2.2000	10600.	84	31610	No
129	GOM_NL__2PRFIN20080317_085237_000000492066_00494_31610_3980.N1	17-MAR-2008 08:52:37	Straylight	48.500	123	lot Cen	2.7500	10200.	97	31610	No
130	GOM_NL__2PRFIN20080317_085818_000000522066_00494_31610_3981.N1	17-MAR-2008 08:58:18	Straylight	51.500	106	9Bet Crv	2.6480	5600.0	103	31610	No
131	GOM_NL__2PRFIN20080317_090035_000000512066_00494_31610_3982.N1	17-MAR-2008 09:00:35	Tw_i_and_stray	50.500	100	4Gam Crv	2.5800	13100.	101	31610	No
132	GOM_NL__2PRFIN20080317_090956_000000362066_00494_31610_3983.N1	17-MAR-2008 09:09:56	Bright	36.000	22	32Alp Leo	1.3600	15200.	72	31610	No
133	GOM_NL__2PRFIN20080317_091209_000000372066_00494_31610_3984.N1	17-MAR-2008 09:12:09	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31610	No
134	GOM_NL__2PRFIN20080317_091948_000000392066_00494_31610_3985.N1	17-MAR-2008 09:19:48	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	31610	No
135	GOM_NL__2PRFIN20080317_092301_000000442066_00494_31610_3986.N1	17-MAR-2008 09:23:01	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	31610	No
136	GOM_NL__2PRFIN20080317_092431_000000392066_00494_31610_3987.N1	17-MAR-2008 09:24:31	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	31610	No
137	GOM_NL__2PRFIN20080317_093132_000000402066_00494_31610_3988.N1	17-MAR-2008 09:31:32	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	31610	No
138	GOM_NL__2PRFIN20080317_093948_000000352066_00494_31610_3989.N1	17-MAR-2008 09:39:48	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	31610	No
139	GOM_NL__2PRFIN20080317_094455_000000372066_00494_31610_3990.N1	17-MAR-2008 09:44:55	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	31610	No
140	GOM_NL__2PRFIN20080317_094630_000000392066_00494_31610_3991.N1	17-MAR-2008 09:46:30	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	31610	No
141	GOM_NL__2PRFIN20080317_094814_000000372066_00494_31610_3992.N1	17-MAR-2008 09:48:14	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	31610	No
142	GOM_NL__2PRFIN20080317_095641_000000522066_00494_31610_3993.N1	17-MAR-2008 09:56:41	Tw_i_and_stray	51.500	11	53Alp Aql	0.76500	8000.0	103	31610	No
143	GOM_NL__2PRFIN20080317_100700_000000482066_00494_31610_3994.N1	17-MAR-2008 10:07:00	Dark	47.500	155	41Pi Sgr	2.9000	6600.0	95	31610	No
144	GOM_NL__2PRFIN20080317_100904_000000452066_00494_31610_3995.N1	17-MAR-2008 10:09:04	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	31610	No
145	GOM_NL__2PRFIN20080317_101032_000000522066_00494_31610_3996.N1	17-MAR-2008 10:10:32	Dark	52.000	137	22Lam Sgr	2.8240	4400.0	104	31610	No
146	GOM_NL__2PRFIN20080317_101234_000000482066_00494_31610_3997.N1	17-MAR-2008 10:12:34	Dark	47.500	38	20Eps Sgr	1.8360	11000.	95	31610	No
147	GOM_NL__2PRFIN20080317_101828_000000442066_00495_31611_3987.N1	17-MAR-2008 10:18:28	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	31611	No
148	GOM_NL__2PRFIN20080317_102207_000000392066_00495_31611_3988.N1	17-MAR-2008 10:22:07	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31611	No
149	GOM_NL__2PRFIN20080317_102451_000000462066_00495_31611_3989.N1	17-MAR-2008 10:24:51	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	31611	No
150	GOM_NL__2PRFIN20080317_102654_000000462066_00495_31611_3990.N1	17-MAR-2008 10:26:54	Dark	46.000	78	Alp Lup	2.3040	28000.	92	31611	No
151	GOM_NL__2PRFIN20080317_102913_000000442066_00495_31611_3991.N1	17-MAR-2008 10:29:13	Straylight	44.000	26	Gam Cru	1.6240	2900.0	88	31611	No
152	GOM_NL__2PRFIN20080317_103058_000000442066_00495_31611_3992.N1	17-MAR-2008 10:30:58	Straylight	43.500	64	Gam Cen	2.2000	10600.	87	31611	No
153	GOM_NL__2PRFIN20080317_103313_000000502066_00495_31611_3993.N1	17-MAR-2008 10:33:13	Straylight	50.000	123	lot Cen	2.7500	10200.	100	31611	No
154	GOM_NL__2PRFIN20080317_103854_000000542066_00495_31611_3994.N1	17-MAR-2008 10:38:54	Straylight	54.000	106	9Bet Crv	2.6480	5600.0	108	31611	No
155	GOM_NL__2PRFIN20080317_104111_000000482066_00495_31611_3995.N1	17-MAR-2008 10:41:11	Tw_i_and_stray	47.500	100	4Gam Crv	2.5800	13100.	95	31611	No
156	GOM_NL__2PRFIN20080317_105032_000000392066_00495_31611_3996.N1	17-MAR-2008 10:50:32	Bright	38.500	22	32Alp Leo	1.3600	15200.	77	31611	No
157	GOM_NL__2PRFIN20080317_105245_000000382066_00495_31611_3997.N1	17-MAR-2008 10:52:45	Bright	37.500	51	41Gam1Leo	2.0100	4500.0	75	31611	No
158	GOM_NL__2PRFIN20080317_110024_000000402066_00495_31611_3998.N1	17-MAR-2008 11:00:24	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	31611	No
159	GOM_NL__2PRFIN20080317_110336_000000382066_00495_31611_3999.N1	17-MAR-2008 11:03:36	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	31611	No
160	GOM_NL__2PRFIN20080317_110506_000000392066_00495_31611_4000.N1	17-MAR-2008 11:05:06	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	31611	No



161	GOM_NL__2PRFIN20080317_111208_000000412066_00495_31611_4001.N1	17-MAR-2008 11:12:08	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	31611	No
162	GOM_NL__2PRFIN20080317_112024_000000372066_00495_31611_4002.N1	17-MAR-2008 11:20:24	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	31611	No
163	GOM_NL__2PRFIN20080317_112531_000000362066_00495_31611_4003.N1	17-MAR-2008 11:25:31	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31611	No
164	GOM_NL__2PRFIN20080317_112706_000000372066_00495_31611_4004.N1	17-MAR-2008 11:27:06	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31611	No
165	GOM_NL__2PRFIN20080317_112850_000000362066_00495_31611_4005.N1	17-MAR-2008 11:28:50	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	31611	No
166	GOM_NL__2PRFIN20080317_113718_000000512066_00495_31611_4006.N1	17-MAR-2008 11:37:18	Tw_i_and_stray	51.000	11	53Alp Aql	0.76500	8000.0	102	31611	No
167	GOM_NL__2PRFIN20080317_114737_000000472066_00495_31611_4007.N1	17-MAR-2008 11:47:37	Dark	47.000	155	41Pi Sgr	2.9000	6600.0	94	31611	No
168	GOM_NL__2PRFIN20080317_114941_000000442066_00495_31611_4008.N1	17-MAR-2008 11:49:41	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	31611	No
169	GOM_NL__2PRFIN20080317_115109_000000522066_00495_31611_4009.N1	17-MAR-2008 11:51:09	Dark	52.000	137	22Lam Sgr	2.8240	4400.0	104	31611	No
170	GOM_NL__2PRFIN20080317_115311_000000482066_00495_31611_4010.N1	17-MAR-2008 11:53:11	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	31611	No
171	GOM_NL__2PRFIN20080317_152017_000000442066_00498_31614_4019.N1	17-MAR-2008 15:20:17	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	31614	No
172	GOM_NL__2PRFIN20080317_152356_000000402066_00498_31614_4020.N1	17-MAR-2008 15:23:56	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	31614	No
173	GOM_NL__2PRFIN20080317_152640_000000432066_00498_31614_4021.N1	17-MAR-2008 15:26:40	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	31614	No
174	GOM_NL__2PRFIN20080317_152843_000000262066_00498_31614_4022.N1	17-MAR-2008 15:28:43	Dark	26.000	109	Bet Lup	2.6770	26000.	52	31614	No
175	GOM_NL__2PRFIN20080317_153003_000000482066_00498_31614_4023.N1	17-MAR-2008 15:30:03	Dark	48.000	20	Bet Cru	1.2530	30000.	96	31614	No
176	GOM_NL__2PRFIN20080317_153247_000000432066_00498_31614_4024.N1	17-MAR-2008 15:32:47	Straylight	42.500	64	Gam Cen	2.2000	10600.	85	31614	No
177	GOM_NL__2PRFIN20080317_153502_000000512066_00498_31614_4025.N1	17-MAR-2008 15:35:02	Straylight	51.000	123	lot Cen	2.7500	10200.	102	31614	No
178	GOM_NL__2PRFIN20080317_154043_000000542066_00498_31614_4026.N1	17-MAR-2008 15:40:43	Straylight	54.000	106	9Bet Crv	2.6480	5600.0	108	31614	No
179	GOM_NL__2PRFIN20080317_154259_000000502066_00498_31614_4027.N1	17-MAR-2008 15:42:59	Tw_i_and_stray	49.500	100	4Gam Crv	2.5800	13100.	99	31614	No
180	GOM_NL__2PRFIN20080317_155220_000000372066_00498_31614_4028.N1	17-MAR-2008 15:52:20	Bright	37.000	22	32Alp Leo	1.3600	15200.	74	31614	No
181	GOM_NL__2PRFIN20080317_155433_000000372066_00498_31614_4029.N1	17-MAR-2008 15:54:33	Bright	36.500	51	41Gam1Leo	2.0100	4500.0	73	31614	No
182	GOM_NL__2PRFIN20080317_160211_000000372066_00498_31614_4030.N1	17-MAR-2008 16:02:11	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	31614	No
183	GOM_NL__2PRFIN20080317_160523_000000372066_00498_31614_4031.N1	17-MAR-2008 16:05:23	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	31614	No
184	GOM_NL__2PRFIN20080317_160653_000000392066_00498_31614_4032.N1	17-MAR-2008 16:06:53	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	31614	No
185	GOM_NL__2PRFIN20080317_161355_000000402066_00498_31614_4033.N1	17-MAR-2008 16:13:55	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	31614	No
186	GOM_NL__2PRFIN20080317_162212_000000372066_00498_31614_4034.N1	17-MAR-2008 16:22:12	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31614	No
187	GOM_NL__2PRFIN20080317_162719_000000352066_00498_31614_4035.N1	17-MAR-2008 16:27:19	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	31614	No
188	GOM_NL__2PRFIN20080317_162854_000000362066_00498_31614_4036.N1	17-MAR-2008 16:28:54	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	31614	No
189	GOM_NL__2PRFIN20080317_163038_000000352066_00498_31614_4037.N1	17-MAR-2008 16:30:38	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	31614	No
190	GOM_NL__2PRFIN20080317_163907_000000522066_00498_31614_4038.N1	17-MAR-2008 16:39:07	Tw_i_and_stray	51.500	11	53Alp Aql	0.76500	8000.0	103	31614	No
191	GOM_NL__2PRFIN20080317_164928_000000462066_00498_31614_4039.N1	17-MAR-2008 16:49:28	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	31614	No
192	GOM_NL__2PRFIN20080317_165131_000000512066_00498_31614_4040.N1	17-MAR-2008 16:51:31	Dark	51.000	57	34Sig Sgr	2.0660	26000.	102	31614	No
193	GOM_NL__2PRFIN20080317_165300_000000502066_00498_31614_4041.N1	17-MAR-2008 16:53:00	Dark	50.000	137	22Lam Sgr	2.8240	4400.0	100	31614	No
194	GOM_NL__2PRFIN20080317_165501_000000472066_00498_31614_4042.N1	17-MAR-2008 16:55:01	Dark	47.000	38	20Eps Sgr	1.8360	11000.	94	31614	No
195	GOM_NL__2PRFIN20080317_170054_000000422066_00499_31615_4033.N1	17-MAR-2008 17:00:54	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31615	No
196	GOM_NL__2PRFIN20080317_170433_000000382066_00499_31615_4034.N1	17-MAR-2008 17:04:33	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31615	No
197	GOM_NL__2PRFIN20080317_170717_000000442066_00499_31615_4035.N1	17-MAR-2008 17:07:17	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	31615	No
198	GOM_NL__2PRFIN20080317_170920_000000262066_00499_31615_4036.N1	17-MAR-2008 17:09:20	Dark	26.000	109	Bet Lup	2.6770	26000.	52	31615	No
199	GOM_NL__2PRFIN20080317_171040_000000402066_00499_31615_4037.N1	17-MAR-2008 17:10:40	Dark	40.000	20	Bet Cru	1.2530	30000.	80	31615	No
200	GOM_NL__2PRFIN20080317_171324_000000402066_00499_31615_4038.N1	17-MAR-2008 17:13:24	Straylight	40.000	64	Gam Cen	2.2000	10600.	80	31615	No
201	GOM_NL__2PRFIN20080317_171539_000000502066_00499_31615_4039.N1	17-MAR-2008 17:15:39	Straylight	49.500	123	lot Cen	2.7500	10200.	99	31615	No
202	GOM_NL__2PRFIN20080317_172119_000000562066_00499_31615_4040.N1	17-MAR-2008 17:21:19	Straylight	55.500	106	9Bet Crv	2.6480	5600.0	111	31615	No
203	GOM_NL__2PRFIN20080317_172335_000000492066_00499_31615_4041.N1	17-MAR-2008 17:23:35	Tw_i_and_stray	48.500	100	4Gam Crv	2.5800	13100.	97	31615	No
204	GOM_NL__2PRFIN20080317_173256_000000382066_00499_31615_4042.N1	17-MAR-2008 17:32:56	Bright	38.000	22	32Alp Leo	1.3600	15200.	76	31615	No
205	GOM_NL__2PRFIN20080317_173509_000000372066_00499_31615_4043.N1	17-MAR-2008 17:35:09	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31615	No
206	GOM_NL__2PRFIN20080317_174246_000000392066_00499_31615_4044.N1	17-MAR-2008 17:42:46	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	31615	No
207	GOM_NL__2PRFIN20080317_174559_000000382066_00499_31615_4045.N1	17-MAR-2008 17:45:59	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	31615	No
208	GOM_NL__2PRFIN20080317_174729_000000382066_00499_31615_4046.N1	17-MAR-2008 17:47:29	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	31615	No
209	GOM_NL__2PRFIN20080317_175430_000000412066_00499_31615_4047.N1	17-MAR-2008 17:54:30	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	31615	No
210	GOM_NL__2PRFIN20080317_180248_000000362066_00499_31615_4048.N1	17-MAR-2008 18:02:48	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31615	No
211	GOM_NL__2PRFIN20080317_180755_000000382066_00499_31615_4049.N1	17-MAR-2008 18:07:55	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	31615	No
212	GOM_NL__2PRFIN20080317_180930_000000402066_00499_31615_4050.N1	17-MAR-2008 18:09:30	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	31615	No
213	GOM_NL__2PRFIN20080317_181114_000000372066_00499_31615_4051.N1	17-MAR-2008 18:11:14	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	31615	No
214	GOM_NL__2PRFIN20080317_181943_000000522066_00499_31615_4052.N1	17-MAR-2008 18:19:43	Tw_i_and_stray	51.500	11	53Alp Aql	0.76500	8000.0	103	31615	No
215	GOM_NL__2PRFIN20080317_183004_000000452066_00499_31615_4053.N1	17-MAR-2008 18:30:04	Dark	45.000	155	41Pi Sgr	2.9000	6600.0	90	31615	No
216	GOM_NL__2PRFIN20080317_183208_000000462066_00499_31615_4054.N1	17-MAR-2008 18:32:08	Dark	46.000	57	34Sig Sgr	2.0660	26000.	92	31615	No
217	GOM_NL__2PRFIN20080317_183337_000000502066_00499_31615_4055.N1	17-MAR-2008 18:33:37	Dark	50.000	137	22Lam Sgr	2.8240	4400.0	100	31615	No
218	GOM_NL__2PRFIN20080317_183538_000000482066_00499_31615_4056.N1	17-MAR-2008 18:35:38	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	31615	No
219	GOM_NL__2PRFIN20080317_184131_000000432066_00500_31616_4038.N1	17-MAR-2008 18:41:31	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	31616	No

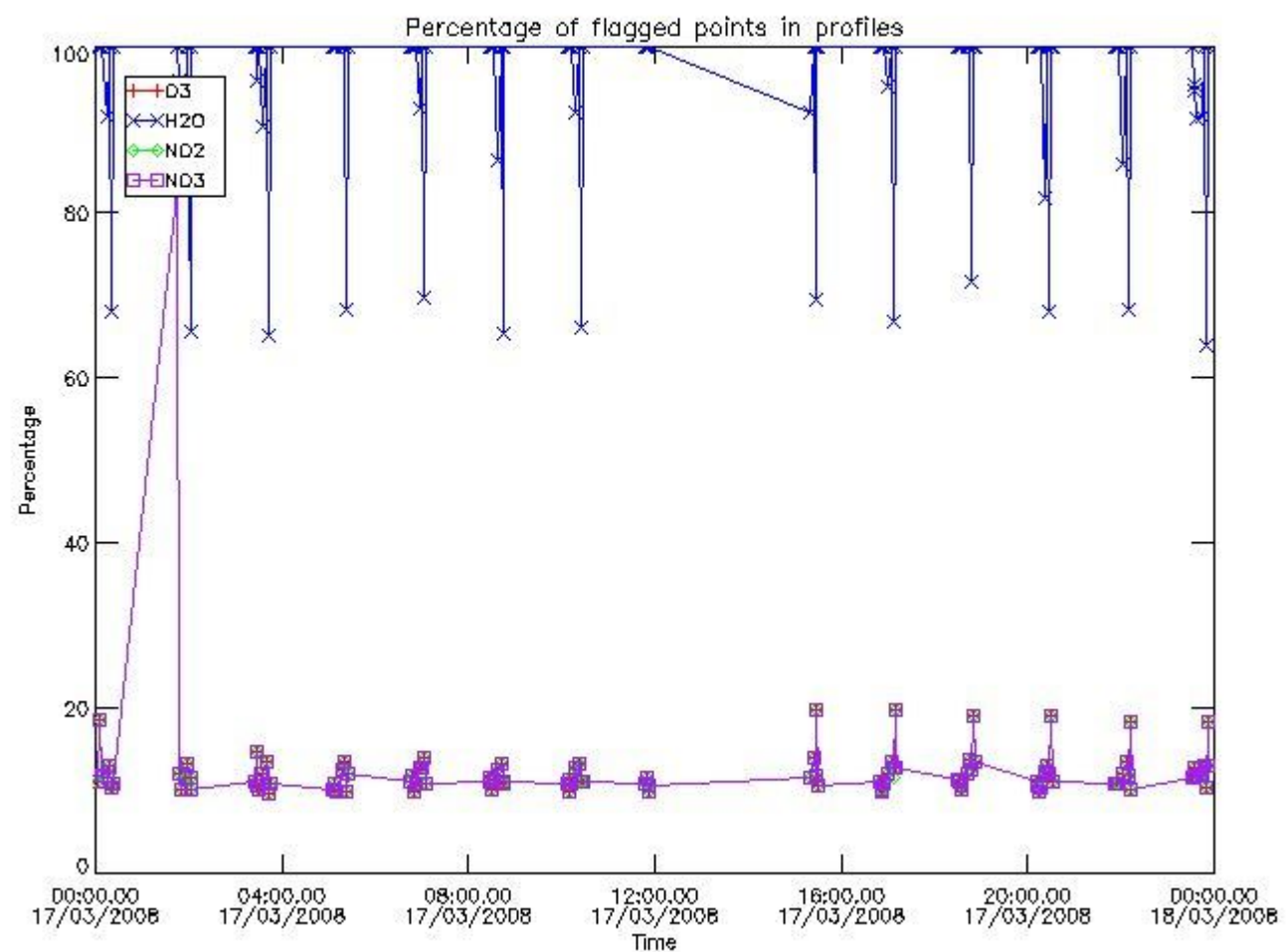
220	GOM_NL__2PRFIN20080317_184510_000000372066_00500_31616_4039.N1	17-MAR-2008 18:45:10	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	31616	No
221	GOM_NL__2PRFIN20080317_184753_000000412066_00500_31616_4040.N1	17-MAR-2008 18:47:53	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	31616	No
222	GOM_NL__2PRFIN20080317_184957_000000272066_00500_31616_4041.N1	17-MAR-2008 18:49:57	Dark	27.000	109	Bet Lup	2.6770	26000.	54	31616	No
223	GOM_NL__2PRFIN20080317_185116_000000382066_00500_31616_4042.N1	17-MAR-2008 18:51:16	Dark	38.000	20	Bet Cru	1.2530	30000.	76	31616	No
224	GOM_NL__2PRFIN20080317_185400_000000412066_00500_31616_4043.N1	17-MAR-2008 18:54:00	Straylight	40.500	64	Gam Cen	2.2000	10600.	81	31616	No
225	GOM_NL__2PRFIN20080317_185615_000000532066_00500_31616_4044.N1	17-MAR-2008 18:56:15	Straylight	52.500	123	lot Cen	2.7500	10200.	105	31616	No
226	GOM_NL__2PRFIN20080317_190155_000000532066_00500_31616_4045.N1	17-MAR-2008 19:01:55	Straylight	53.000	106	9Bet Crv	2.6480	5600.0	106	31616	No
227	GOM_NL__2PRFIN20080317_190411_000000462066_00500_31616_4046.N1	17-MAR-2008 19:04:11	Tw_i_and_stray	46.000	100	4Gam Crv	2.5800	13100.	92	31616	No
228	GOM_NL__2PRFIN20080317_191332_000000382066_00500_31616_4047.N1	17-MAR-2008 19:13:32	Bright	37.500	22	32Alp Leo	1.3600	15200.	75	31616	No
229	GOM_NL__2PRFIN20080317_191545_000000372066_00500_31616_4048.N1	17-MAR-2008 19:15:45	Bright	37.000	51	41Gam1Leo	2.0100	4500.0	74	31616	No
230	GOM_NL__2PRFIN20080317_192322_000000402066_00500_31616_4049.N1	17-MAR-2008 19:23:22	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	31616	No
231	GOM_NL__2PRFIN20080317_192635_000000382066_00500_31616_4050.N1	17-MAR-2008 19:26:35	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	31616	No
232	GOM_NL__2PRFIN20080317_192805_000000372066_00500_31616_4051.N1	17-MAR-2008 19:28:05	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	31616	No
233	GOM_NL__2PRFIN20080317_193506_000000412066_00500_31616_4052.N1	17-MAR-2008 19:35:06	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	31616	No
234	GOM_NL__2PRFIN20080317_194324_000000362066_00500_31616_4053.N1	17-MAR-2008 19:43:24	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31616	No
235	GOM_NL__2PRFIN20080317_194831_000000372066_00500_31616_4054.N1	17-MAR-2008 19:48:31	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	31616	No
236	GOM_NL__2PRFIN20080317_195006_000000392066_00500_31616_4055.N1	17-MAR-2008 19:50:06	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	31616	No
237	GOM_NL__2PRFIN20080317_195150_000000372066_00500_31616_4056.N1	17-MAR-2008 19:51:50	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	31616	No
238	GOM_NL__2PRFIN20080317_200019_000000542066_00500_31616_4057.N1	17-MAR-2008 20:00:19	Tw_i_and_stray	54.000	11	53Alp Aql	0.76500	8000.0	108	31616	No
239	GOM_NL__2PRFIN20080317_201041_000000462066_00500_31616_4058.N1	17-MAR-2008 20:10:41	Dark	45.500	155	41Pi Sgr	2.9000	6600.0	91	31616	No
240	GOM_NL__2PRFIN20080317_201245_000000482066_00500_31616_4059.N1	17-MAR-2008 20:12:45	Dark	48.000	57	34Sig Sgr	2.0660	26000.	96	31616	No
241	GOM_NL__2PRFIN20080317_201415_000000522066_00500_31616_4060.N1	17-MAR-2008 20:14:15	Dark	52.000	137	22Lam Sgr	2.8240	4400.0	104	31616	No
242	GOM_NL__2PRFIN20080317_201615_000000492066_00500_31616_4061.N1	17-MAR-2008 20:16:15	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	31616	No
243	GOM_NL__2PRFIN20080317_202207_000000422066_00501_31617_4046.N1	17-MAR-2008 20:22:07	Dark	41.500	141	Bet Ara	2.8400	4600.0	83	31617	No
244	GOM_NL__2PRFIN20080317_202546_000000392066_00501_31617_4047.N1	17-MAR-2008 20:25:46	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	31617	No
245	GOM_NL__2PRFIN20080317_202830_000000432066_00501_31617_4048.N1	17-MAR-2008 20:28:30	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	31617	No
246	GOM_NL__2PRFIN20080317_203034_000000272066_00501_31617_4049.N1	17-MAR-2008 20:30:34	Dark	27.000	109	Bet Lup	2.6770	26000.	54	31617	No
247	GOM_NL__2PRFIN20080317_203152_000000462066_00501_31617_4050.N1	17-MAR-2008 20:31:52	Dark	46.000	20	Bet Cru	1.2530	30000.	92	31617	No
248	GOM_NL__2PRFIN20080317_203436_000000422066_00501_31617_4051.N1	17-MAR-2008 20:34:36	Straylight	41.500	64	Gam Cen	2.2000	10600.	83	31617	No
249	GOM_NL__2PRFIN20080317_203652_000000462066_00501_31617_4052.N1	17-MAR-2008 20:36:52	Straylight	46.000	123	lot Cen	2.7500	10200.	92	31617	No
250	GOM_NL__2PRFIN20080317_204231_000000552066_00501_31617_4053.N1	17-MAR-2008 20:42:31	Straylight	54.500	106	9Bet Crv	2.6480	5600.0	109	31617	No
251	GOM_NL__2PRFIN20080317_204447_000000502066_00501_31617_4054.N1	17-MAR-2008 20:44:47	Tw_i_and_stray	49.500	100	4Gam Crv	2.5800	13100.	99	31617	No
252	GOM_NL__2PRFIN20080317_205408_000000372066_00501_31617_4055.N1	17-MAR-2008 20:54:08	Bright	37.000	22	32Alp Leo	1.3600	15200.	74	31617	No
253	GOM_NL__2PRFIN20080317_205621_000000372066_00501_31617_4056.N1	17-MAR-2008 20:56:21	Bright	36.500	51	41Gam1Leo	2.0100	4500.0	73	31617	No
254	GOM_NL__2PRFIN20080317_210358_000000382066_00501_31617_4057.N1	17-MAR-2008 21:03:58	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	31617	No
255	GOM_NL__2PRFIN20080317_210711_000000362066_00501_31617_4058.N1	17-MAR-2008 21:07:11	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	31617	No
256	GOM_NL__2PRFIN20080317_210841_000000352066_00501_31617_4059.N1	17-MAR-2008 21:08:41	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	31617	No
257	GOM_NL__2PRFIN20080317_211541_000000422066_00501_31617_4060.N1	17-MAR-2008 21:15:41	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	31617	No
258	GOM_NL__2PRFIN20080317_212400_000000372066_00501_31617_4061.N1	17-MAR-2008 21:24:00	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31617	No
259	GOM_NL__2PRFIN20080317_212907_000000372066_00501_31617_4062.N1	17-MAR-2008 21:29:07	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	31617	No
260	GOM_NL__2PRFIN20080317_213042_000000362066_00501_31617_4063.N1	17-MAR-2008 21:30:42	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	31617	No
261	GOM_NL__2PRFIN20080317_213226_000000362066_00501_31617_4064.N1	17-MAR-2008 21:32:26	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	31617	No
262	GOM_NL__2PRFIN20080317_214056_000000532066_00501_31617_4065.N1	17-MAR-2008 21:40:56	Tw_i_and_stray	53.000	11	53Alp Aql	0.76500	8000.0	106	31617	No
263	GOM_NL__2PRFIN20080317_215118_000000472066_00501_31617_4066.N1	17-MAR-2008 21:51:18	Dark	46.500	155	41Pi Sgr	2.9000	6600.0	93	31617	No
264	GOM_NL__2PRFIN20080317_215452_000000522066_00501_31617_4067.N1	17-MAR-2008 21:54:52	Dark	51.500	137	22Lam Sgr	2.8240	4400.0	103	31617	No
265	GOM_NL__2PRFIN20080317_215652_000000472066_00501_31617_4068.N1	17-MAR-2008 21:56:52	Dark	46.500	38	20Eps Sgr	1.8360	11000.	93	31617	No
266	GOM_NL__2PRFIN20080317_220244_000000432067_00001_31618_4057.N1	17-MAR-2008 22:02:44	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	31618	No
267	GOM_NL__2PRFIN20080317_220622_000000382067_00001_31618_4058.N1	17-MAR-2008 22:06:22	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31618	No
268	GOM_NL__2PRFIN20080317_220906_000000432067_00001_31618_4059.N1	17-MAR-2008 22:09:06	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	31618	No
269	GOM_NL__2PRFIN20080317_221111_000000282067_00001_31618_4060.N1	17-MAR-2008 22:11:11	Dark	28.000	109	Bet Lup	2.6770	26000.	56	31618	No
270	GOM_NL__2PRFIN20080317_221228_000000512067_00001_31618_4061.N1	17-MAR-2008 22:12:28	Dark	50.500	20	Bet Cru	1.2530	30000.	101	31618	No
271	GOM_NL__2PRFIN20080317_221513_000000462067_00001_31618_4062.N1	17-MAR-2008 22:15:13	Straylight	45.500	64	Gam Cen	2.2000	10600.	91	31618	No
272	GOM_NL__2PRFIN20080317_221728_000000472067_00001_31618_4063.N1	17-MAR-2008 22:17:28	Straylight	47.000	123	lot Cen	2.7500	10200.	94	31618	No
273	GOM_NL__2PRFIN20080317_222307_000000552067_00001_31618_4064.N1	17-MAR-2008 22:23:07	Straylight	55.000	106	9Bet Crv	2.6480	5600.0	110	31618	No
274	GOM_NL__2PRFIN20080317_222523_000000502067_00001_31618_4065.N1	17-MAR-2008 22:25:23	Tw_i_and_stray	49.500	100	4Gam Crv	2.5800	13100.	99	31618	No
275	GOM_NL__2PRFIN20080317_223444_000000372067_00001_31618_4066.N1	17-MAR-2008 22:34:44	Bright	37.000	22	32Alp Leo	1.3600	15200.	74	31618	No
276	GOM_NL__2PRFIN20080317_223657_000000372067_00001_31618_4067.N1	17-MAR-2008 22:36:57	Bright	36.500	51	41Gam1Leo	2.0100	4500.0	73	31618	No
277	GOM_NL__2PRFIN20080317_224433_000000382067_00001_31618_4068.N1	17-MAR-2008 22:44:33	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	31618	No
278	GOM_NL__2PRFIN20080317_224746_000000392067_00001_31618_4069.N1	17-MAR-2008 22:47:46	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	31618	No

279	GOM_NL__2PRFIN20080317_224916_000000372067_00001_31618_4070.N1	17-MAR-2008 22:49:16	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	31618	No
280	GOM_NL__2PRFIN20080317_225617_000000412067_00001_31618_4071.N1	17-MAR-2008 22:56:17	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	31618	No
281	GOM_NL__2PRFIN20080317_230435_000000362067_00001_31618_4072.N1	17-MAR-2008 23:04:35	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31618	No
282	GOM_NL__2PRFIN20080317_230943_000000372067_00001_31618_4073.N1	17-MAR-2008 23:09:43	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	31618	No
283	GOM_NL__2PRFIN20080317_231118_000000382067_00001_31618_4074.N1	17-MAR-2008 23:11:18	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	31618	No
284	GOM_NL__2PRFIN20080317_231302_000000372067_00001_31618_4075.N1	17-MAR-2008 23:13:02	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	31618	No
285	GOM_NL__2PRFIN20080317_232132_000000512067_00001_31618_4076.N1	17-MAR-2008 23:21:32	Twilight	51.000	11	53Alp Aql	0.76500	8000.0	102	31618	No
286	GOM_NL__2PRFIN20080317_233155_000000442067_00001_31618_4077.N1	17-MAR-2008 23:31:55	Dark	44.000	155	41Pi Sgr	2.9000	6600.0	88	31618	No
287	GOM_NL__2PRFIN20080317_233359_000000492067_00001_31618_4078.N1	17-MAR-2008 23:33:59	Dark	48.500	57	34Sig Sgr	2.0660	26000.	97	31618	No
288	GOM_NL__2PRFIN20080317_233529_000000562067_00001_31618_4079.N1	17-MAR-2008 23:35:29	Dark	55.500	137	22Lam Sgr	2.8240	4400.0	111	31618	No
289	GOM_NL__2PRFIN20080317_233729_000000472067_00001_31618_4080.N1	17-MAR-2008 23:37:29	Dark	47.000	38	20Eps Sgr	1.8360	11000.	94	31618	No
290	GOM_NL__2PRFIN20080317_234320_000000432067_00002_31619_4063.N1	17-MAR-2008 23:43:20	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	31619	No
291	GOM_NL__2PRFIN20080317_234659_000000402067_00002_31619_4064.N1	17-MAR-2008 23:46:59	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	31619	No
292	GOM_NL__2PRFIN20080317_234943_000000492067_00002_31619_4065.N1	17-MAR-2008 23:49:43	Dark	49.000	4	Alp1Cen	-0.010000	5800.0	98	31619	No
293	GOM_NL__2PRFIN20080317_235148_000000282067_00002_31619_4066.N1	17-MAR-2008 23:51:48	Dark	28.000	109	Bet Lup	2.6770	26000.	56	31619	No
294	GOM_NL__2PRFIN20080317_235305_000000402067_00002_31619_4067.N1	17-MAR-2008 23:53:05	Dark	39.500	20	Bet Cru	1.2530	30000.	79	31619	No
295	GOM_NL__2PRFIN20080317_235549_000000432067_00002_31619_4068.N1	17-MAR-2008 23:55:49	Straylight	43.000	64	Gam Cen	2.2000	10600.	86	31619	No
296	GOM_NL__2PRFIN20080317_235805_000000472067_00002_31619_4069.N1	17-MAR-2008 23:58:05	Straylight	47.000	123	lot Cen	2.7500	10200.	94	31619	No

### 3. Quality information per product

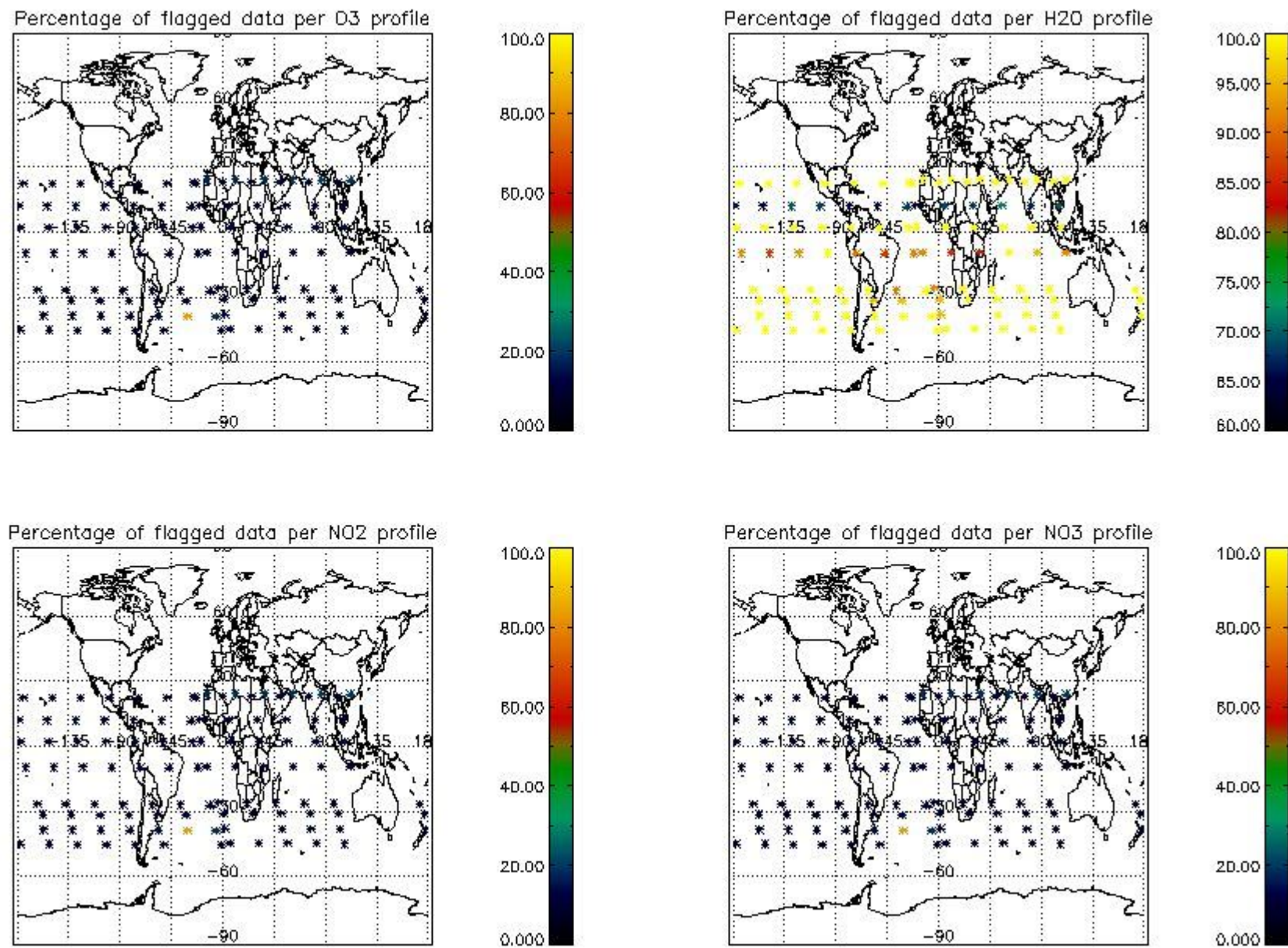
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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





### 3.2 Plot quality information per product (world map)

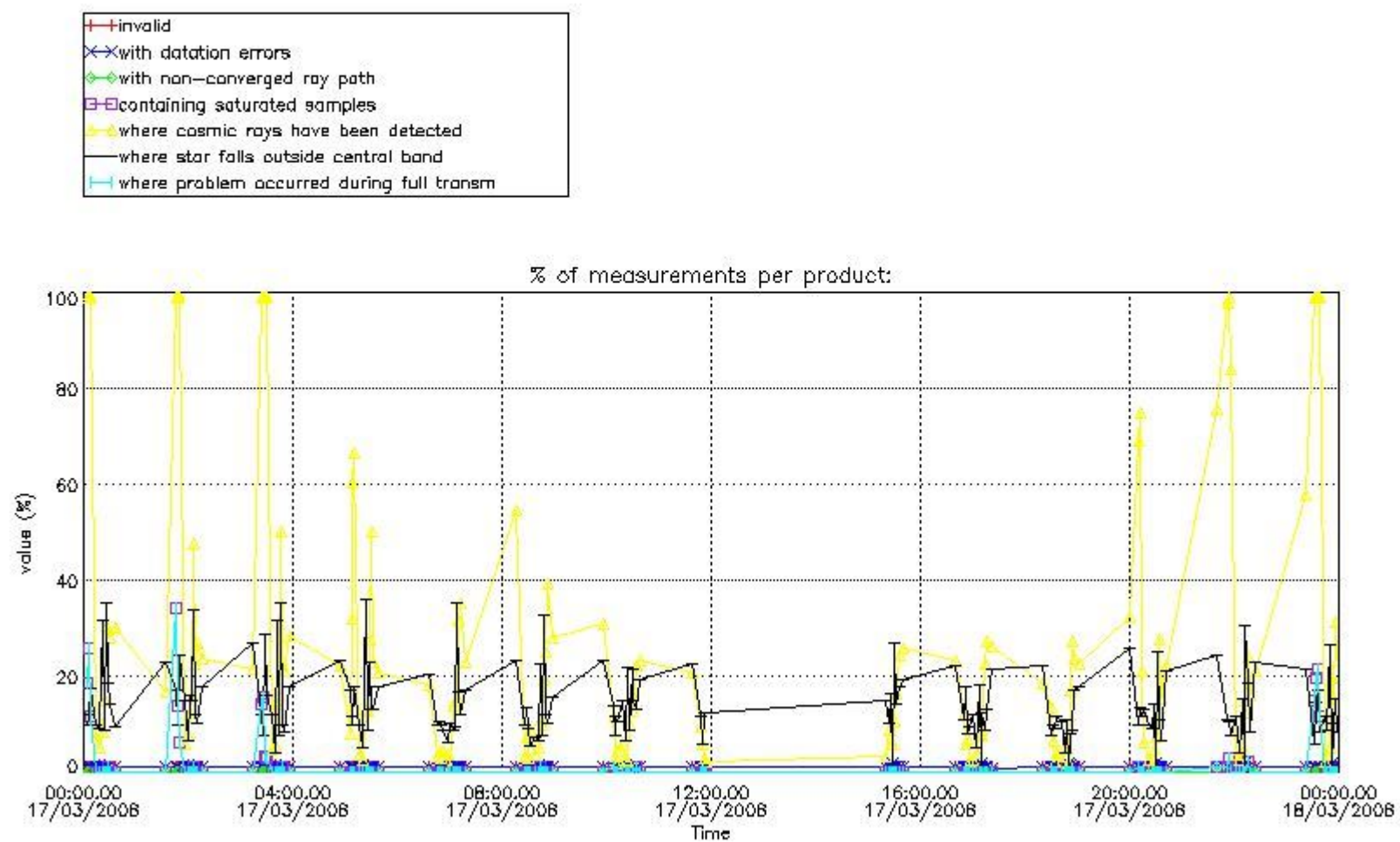


### 4. Level 1 quality information per product

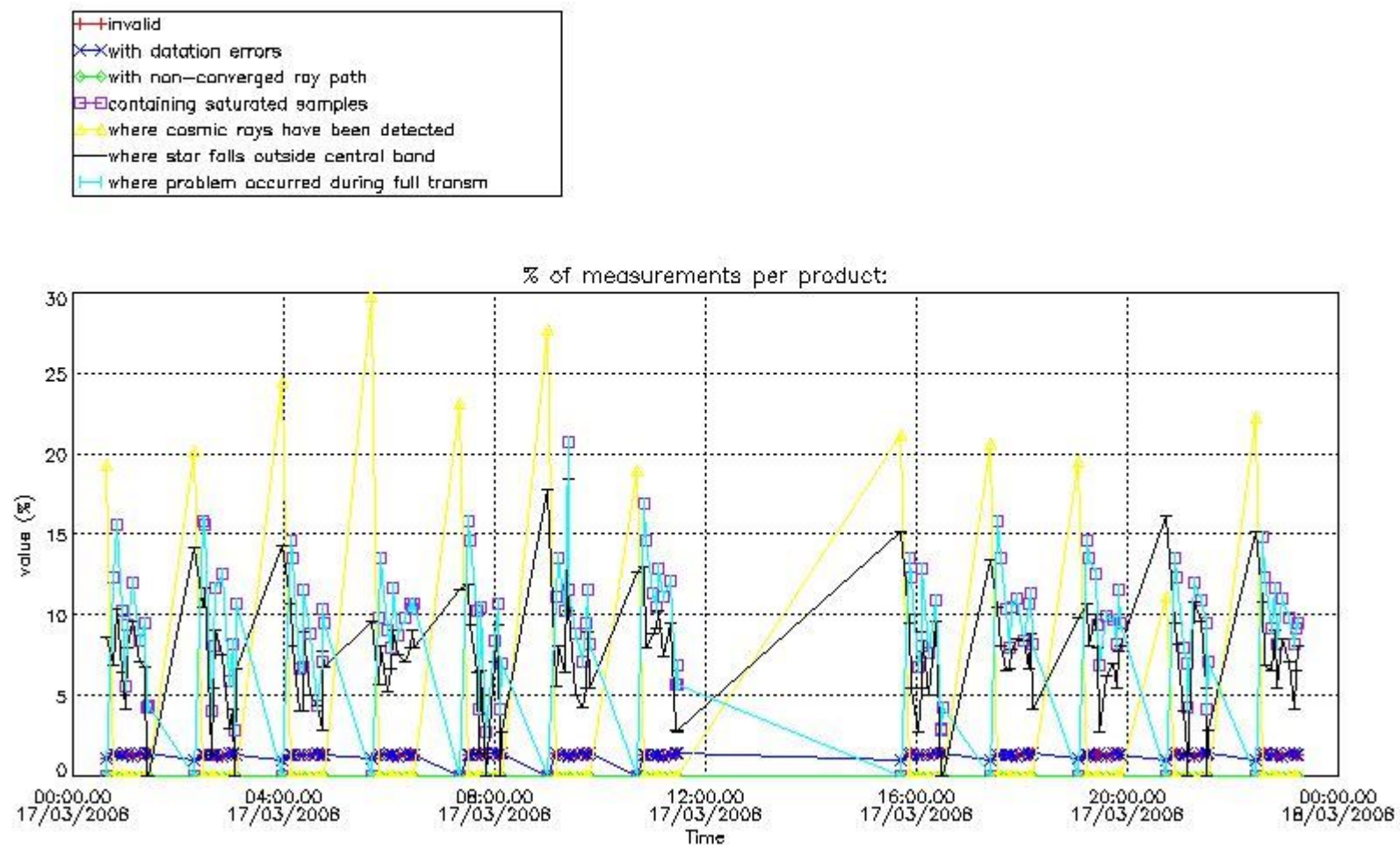
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



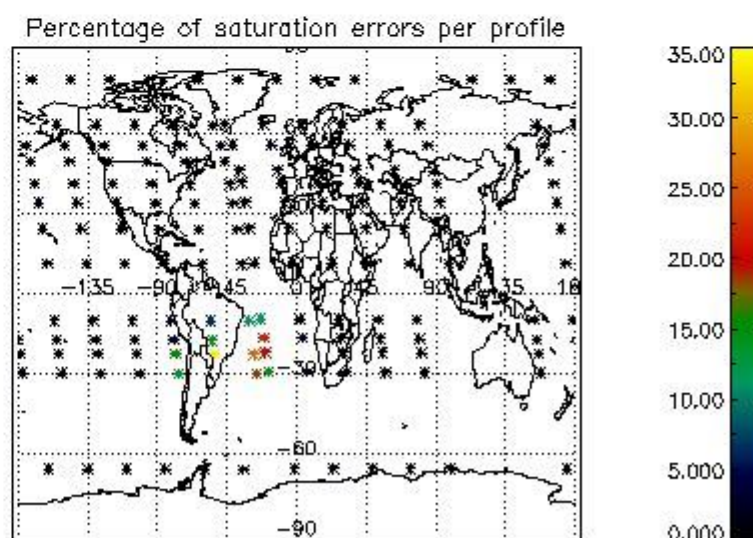
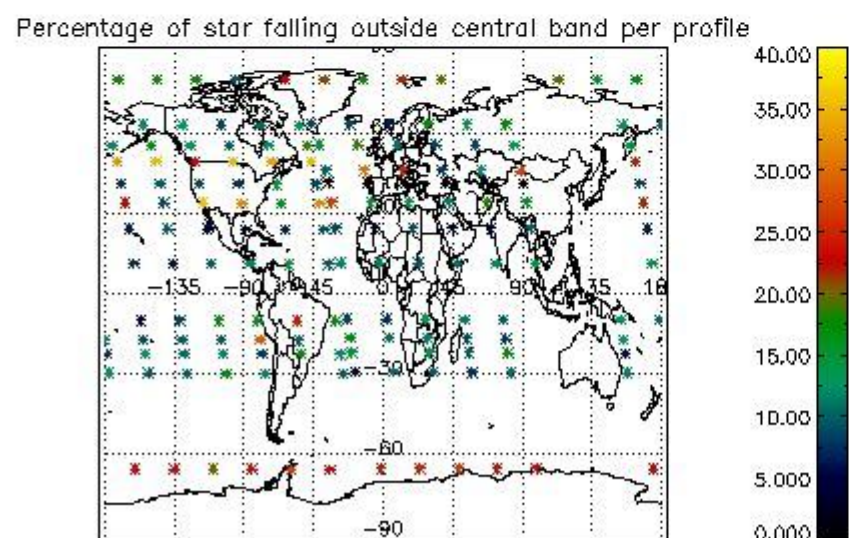
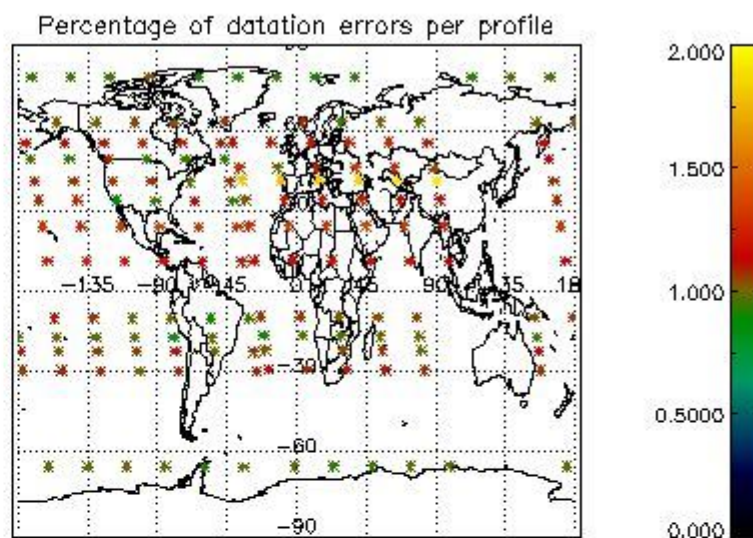
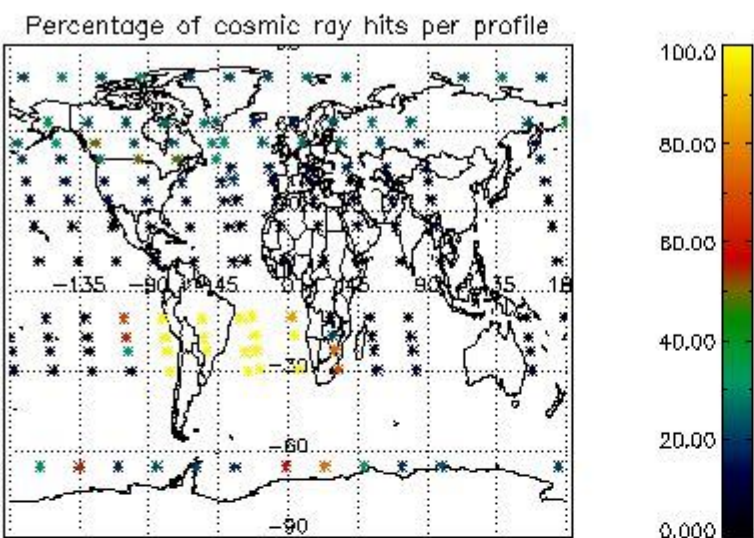
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

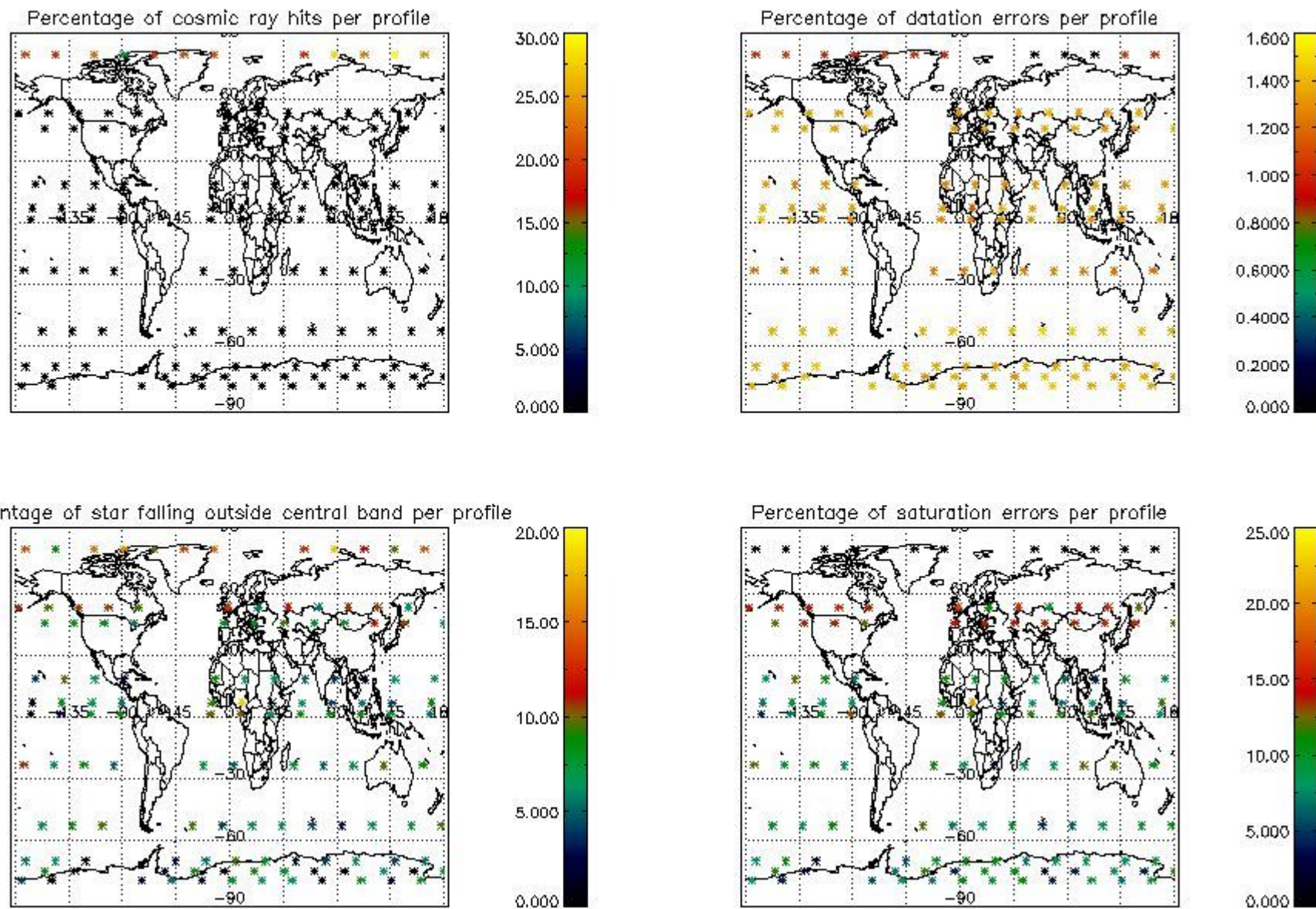
*4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes*





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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

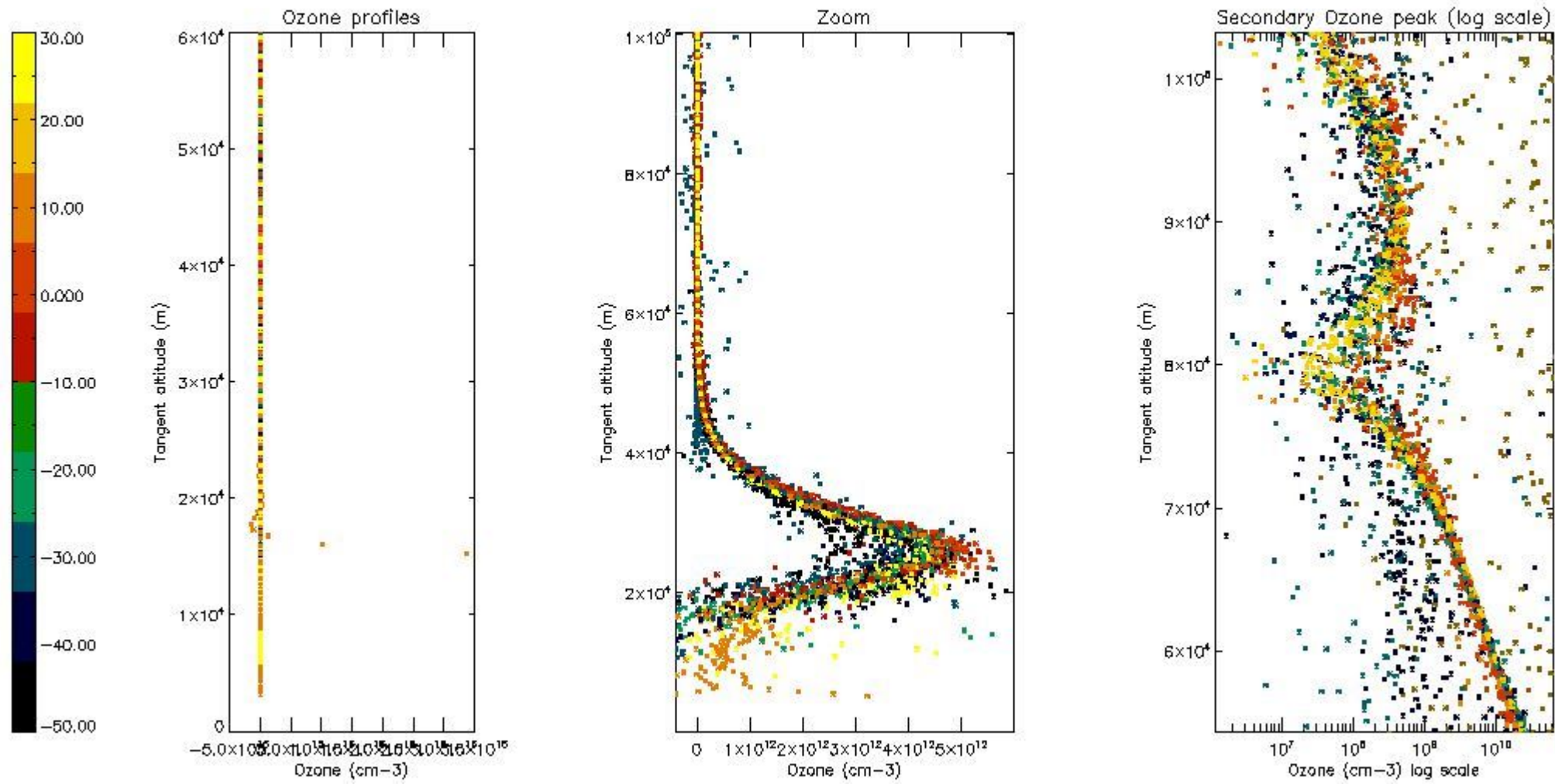
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	13
STD < 5	8

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

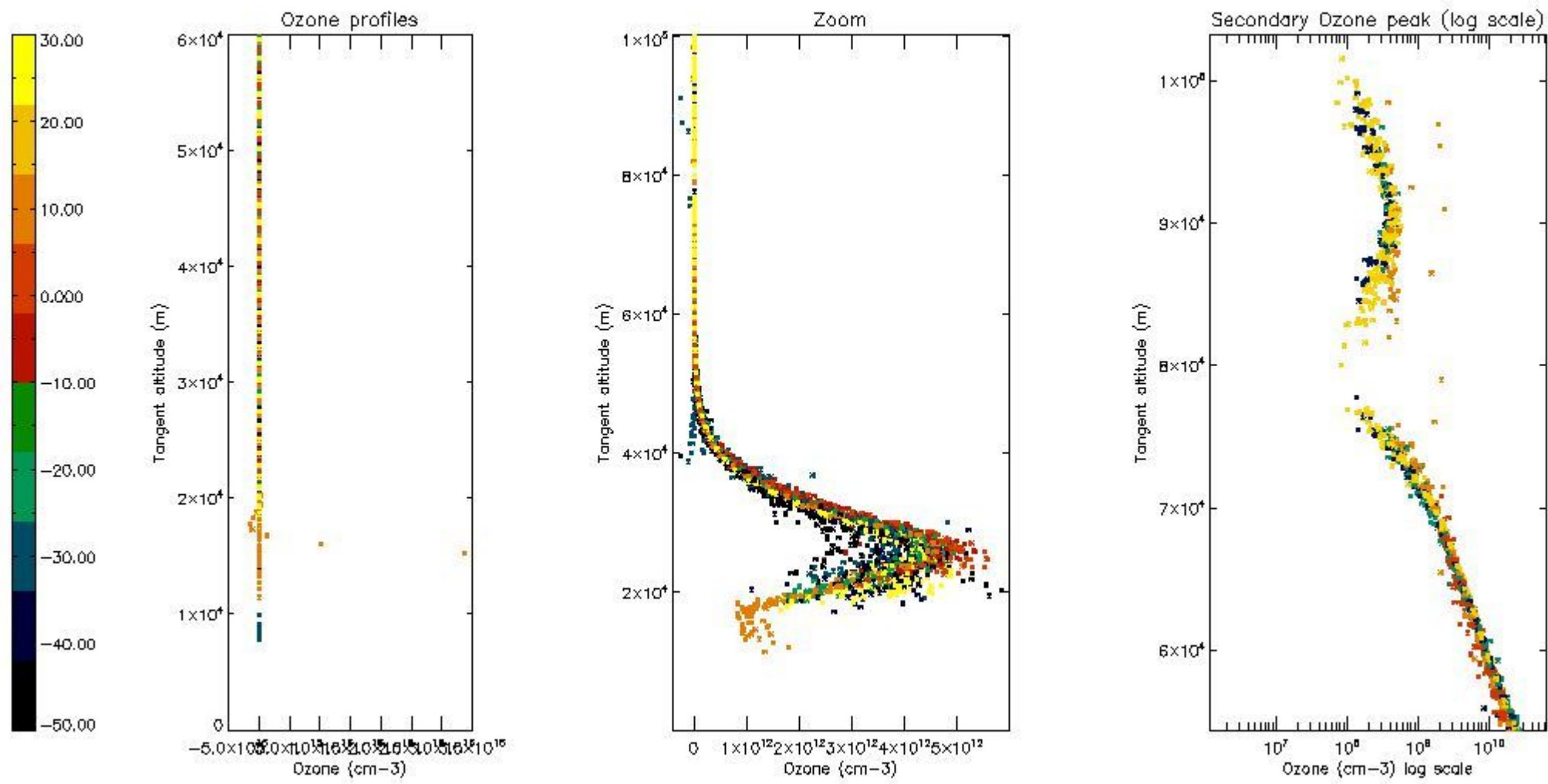
The colorbar represents the latitude.



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

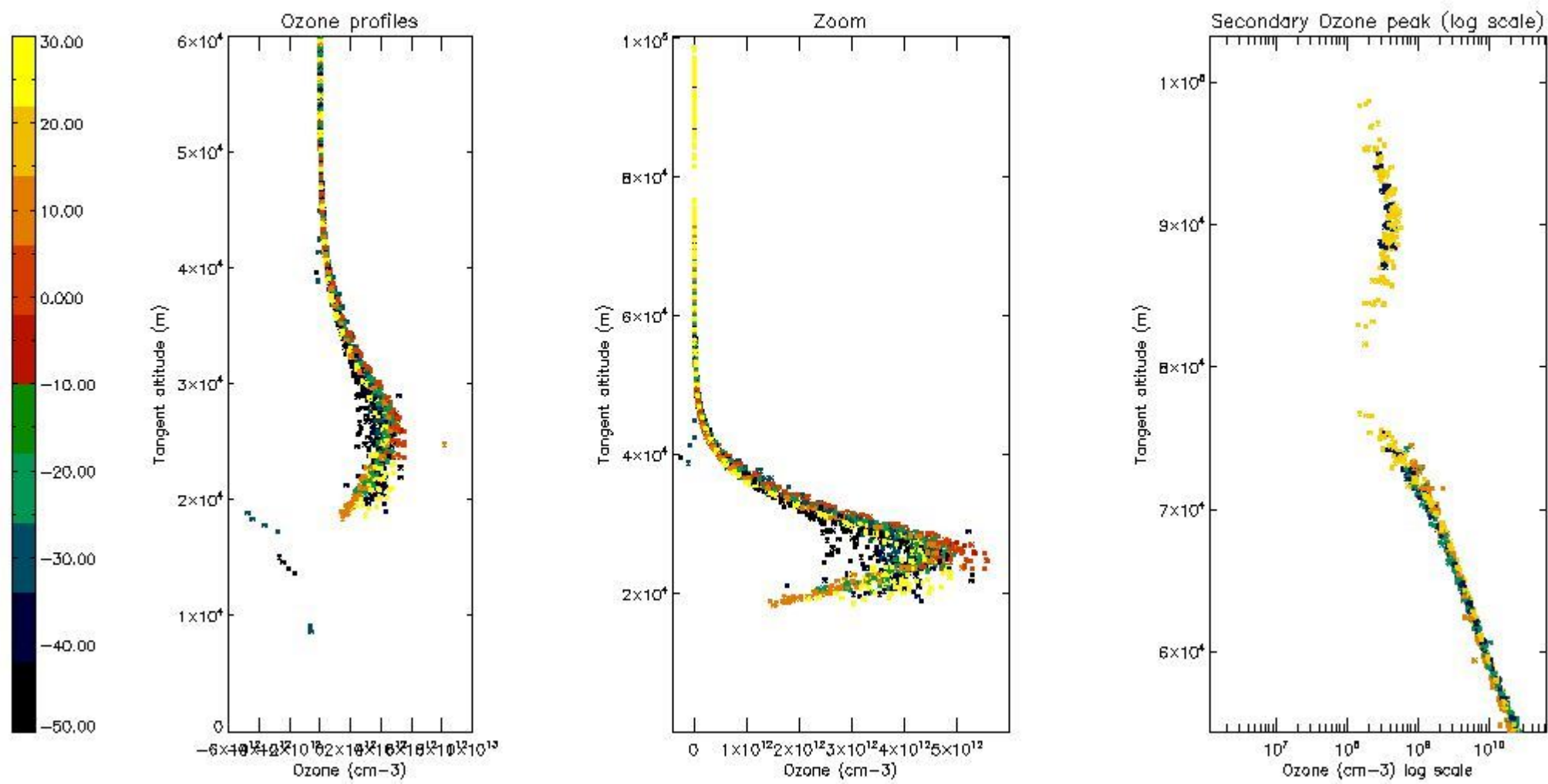
The colorbar represents the latitude.





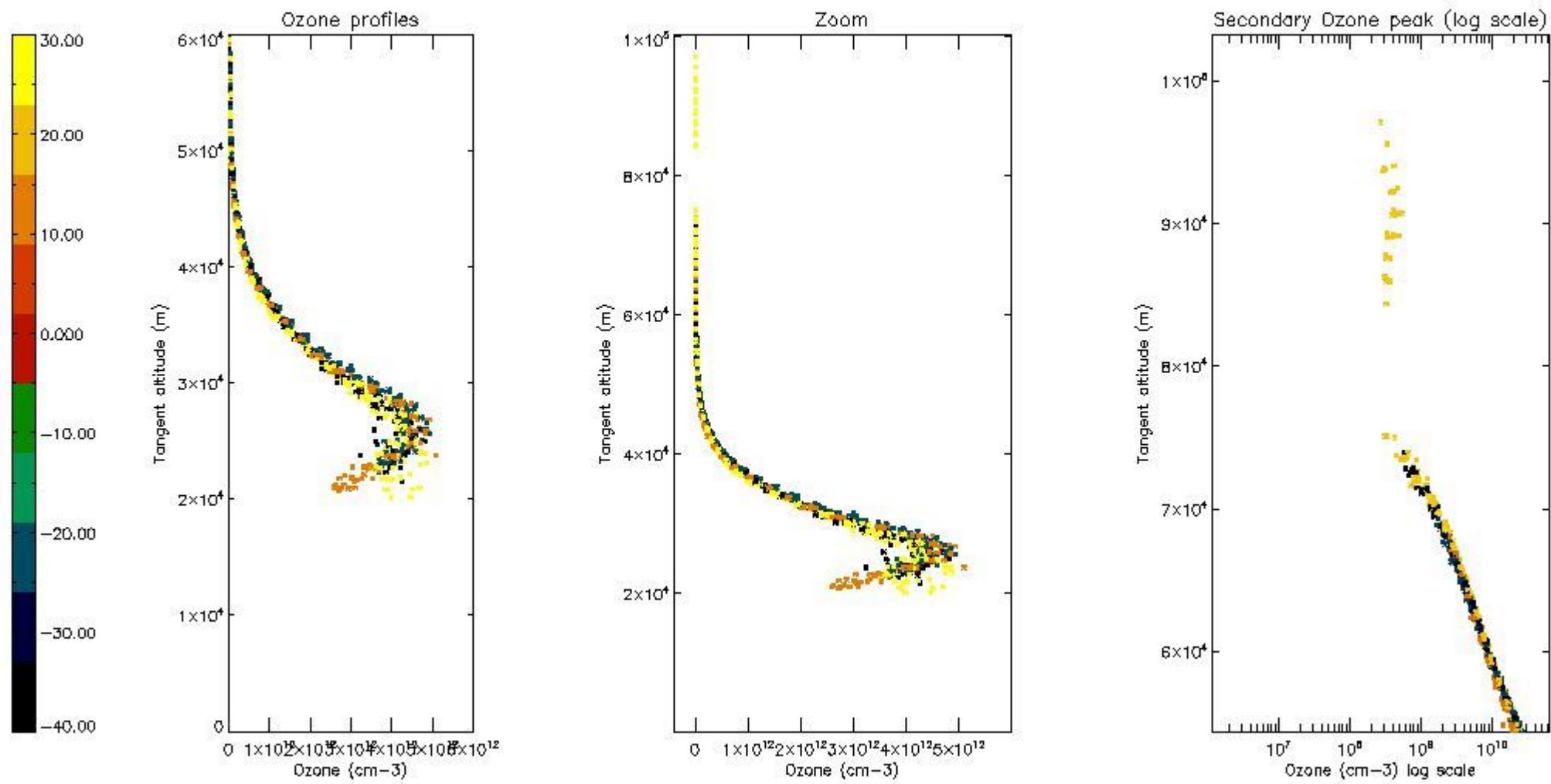
5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)

The colorbar represents the latitude.



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

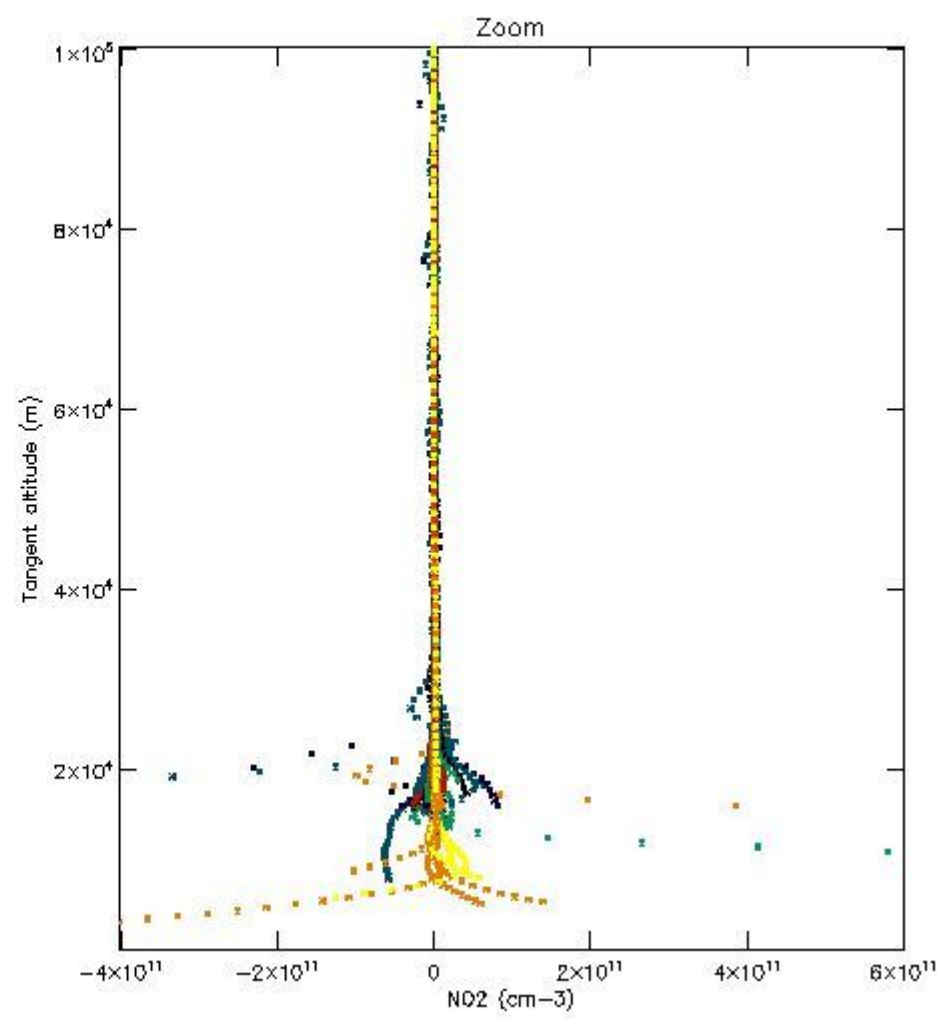
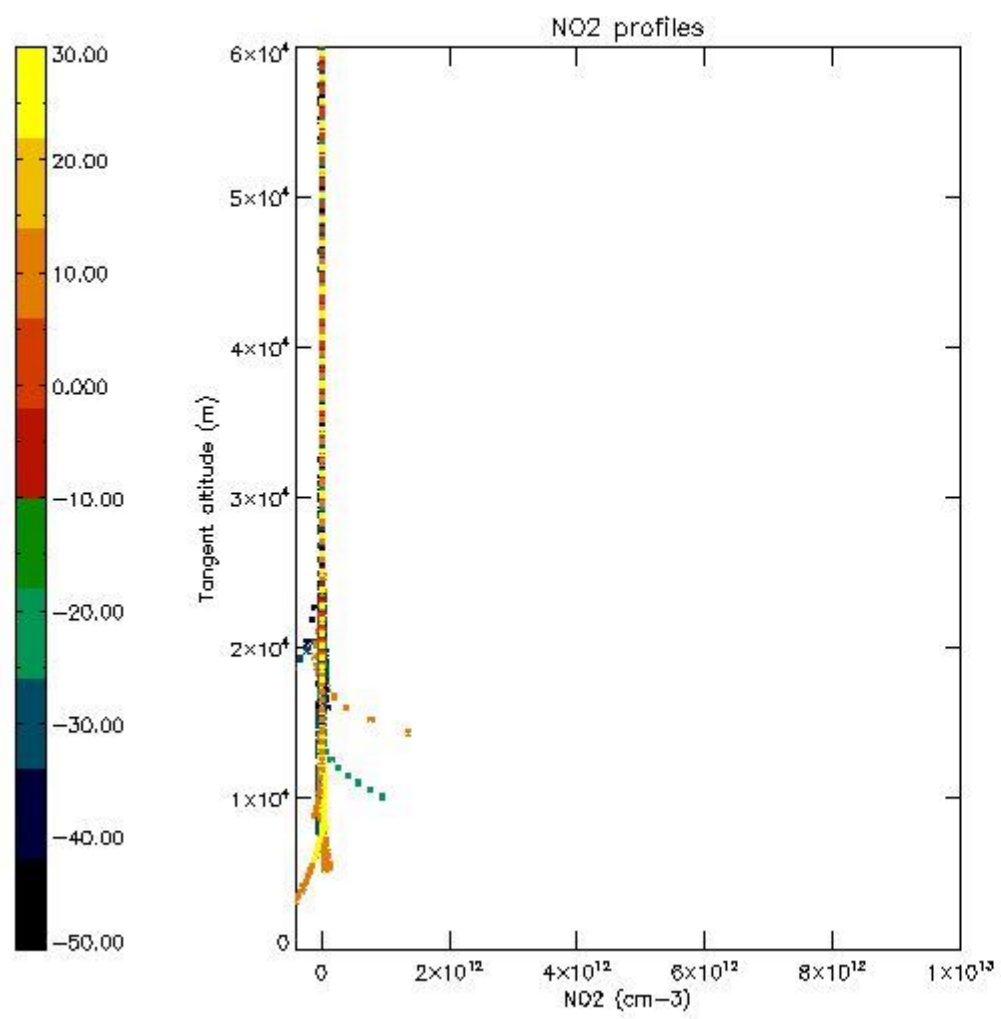
The colorbar represents the latitude.



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

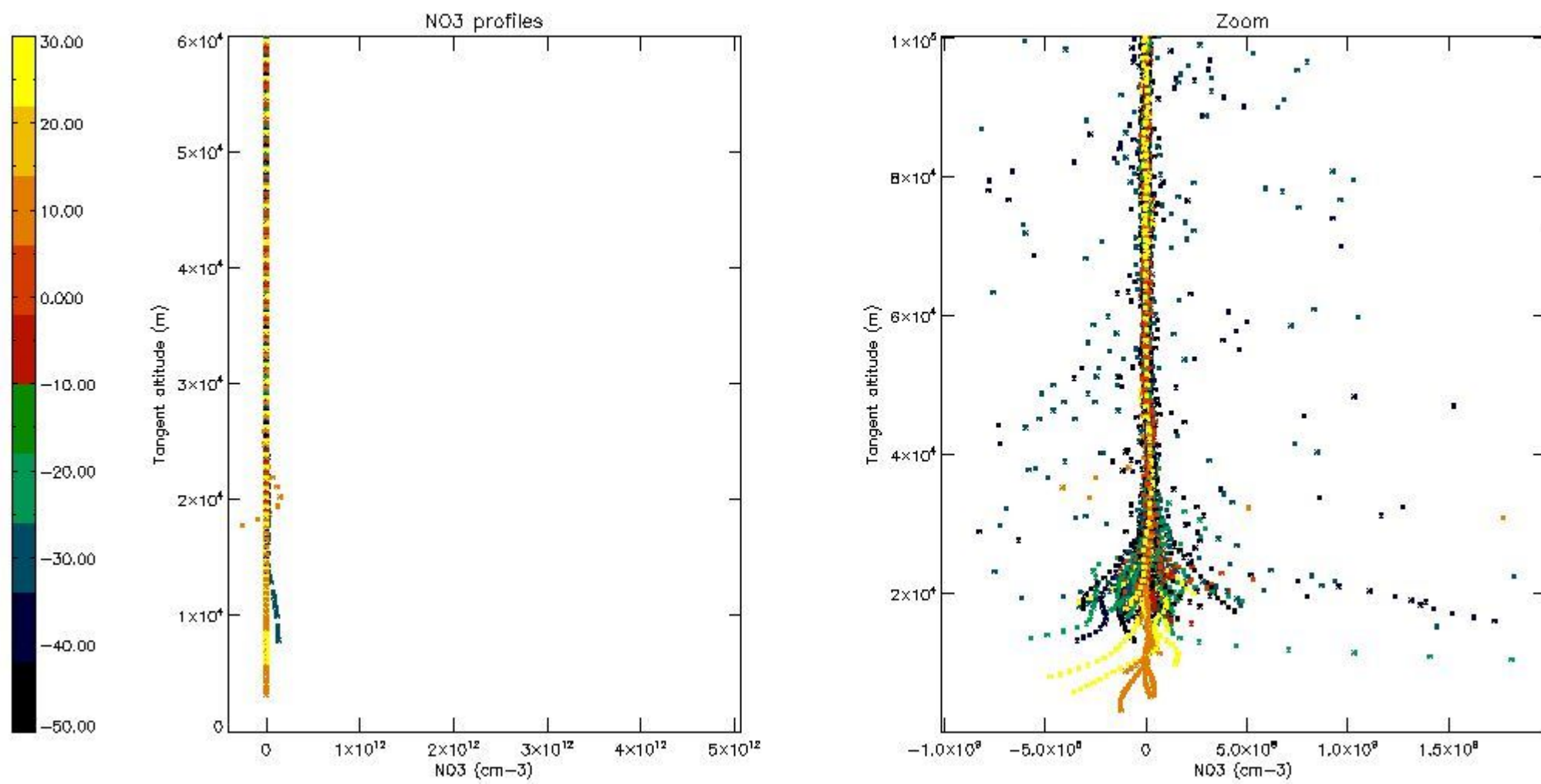
The colorbar represents the latitude.





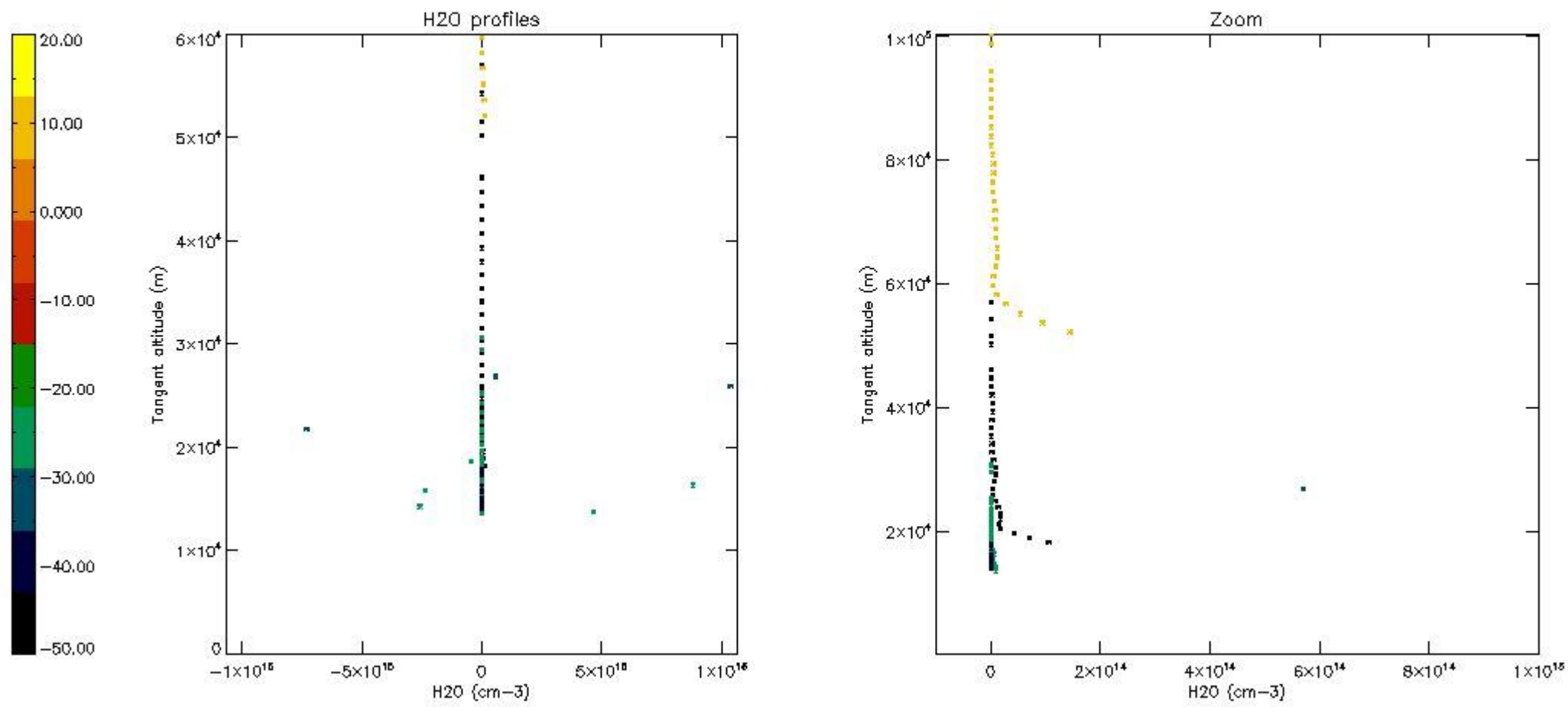
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



5.8 Plot H<sub>2</sub>O 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.

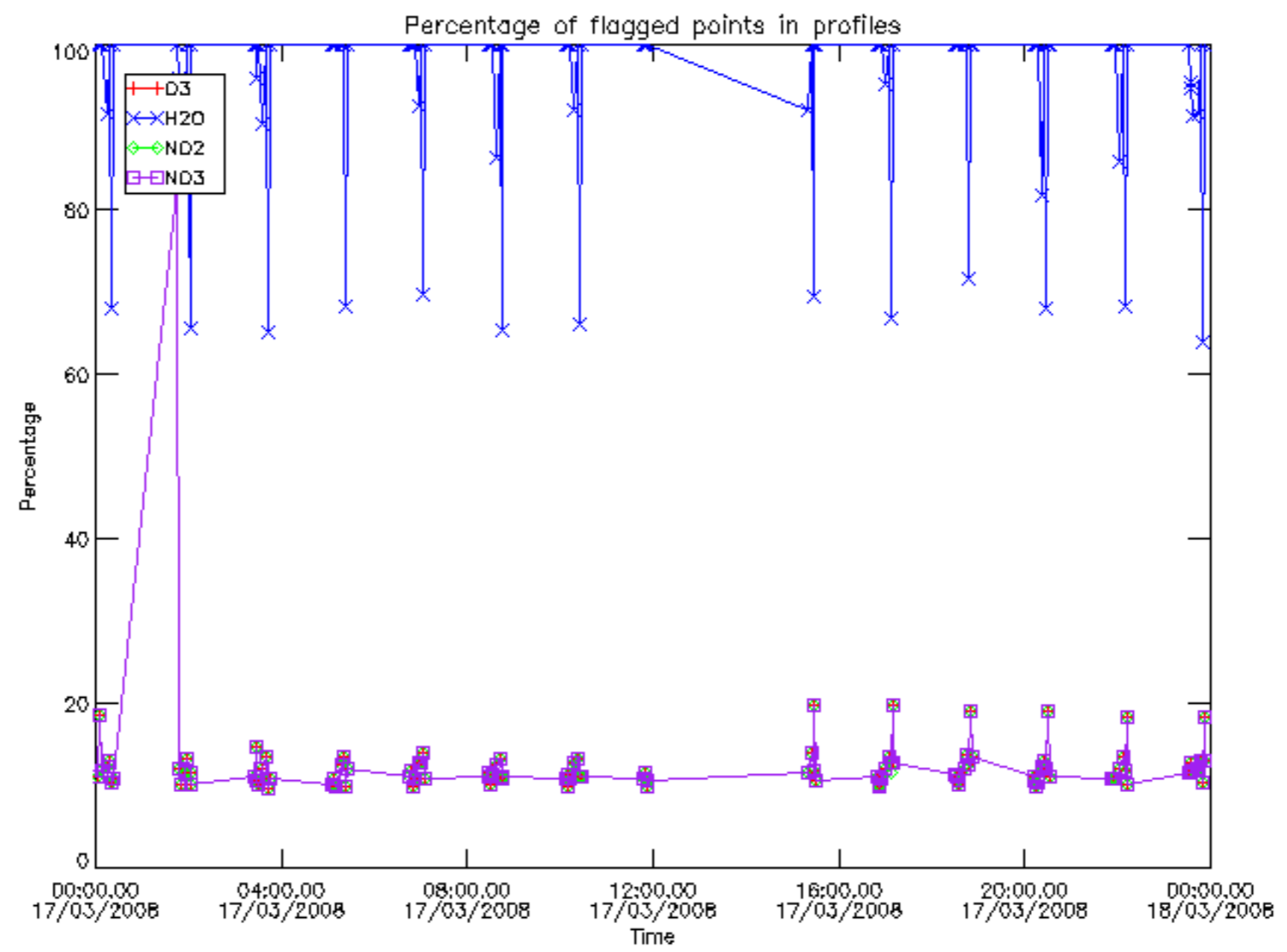


## 6. Auxiliary Data Files used for the production reported in section 2

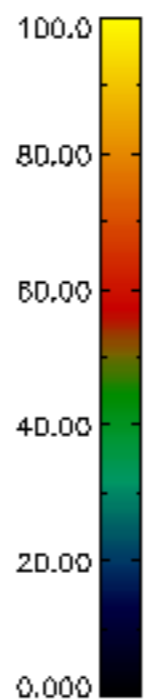
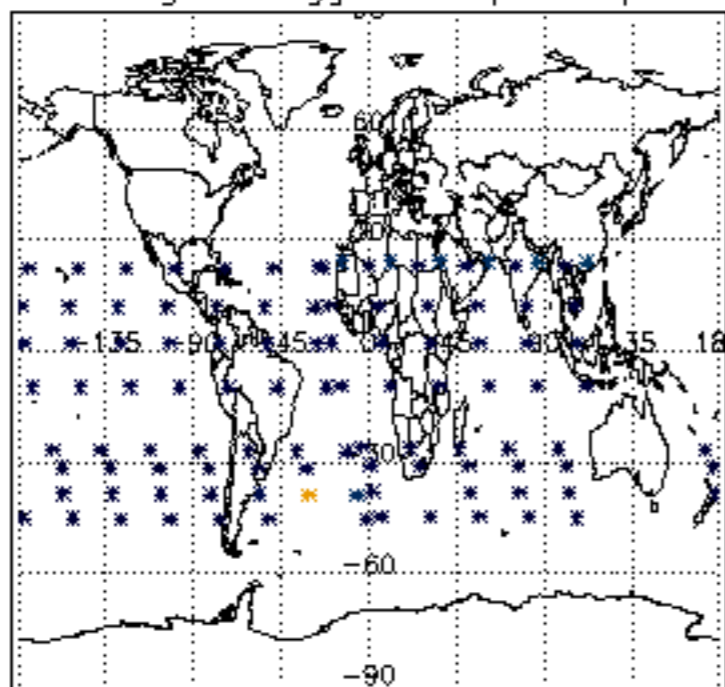
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	17-MAR-2008 00:03:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-MAR-2008 00:03:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-MAR-2008 00:03:20

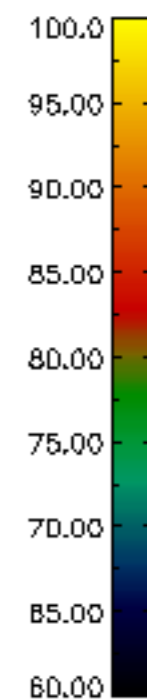
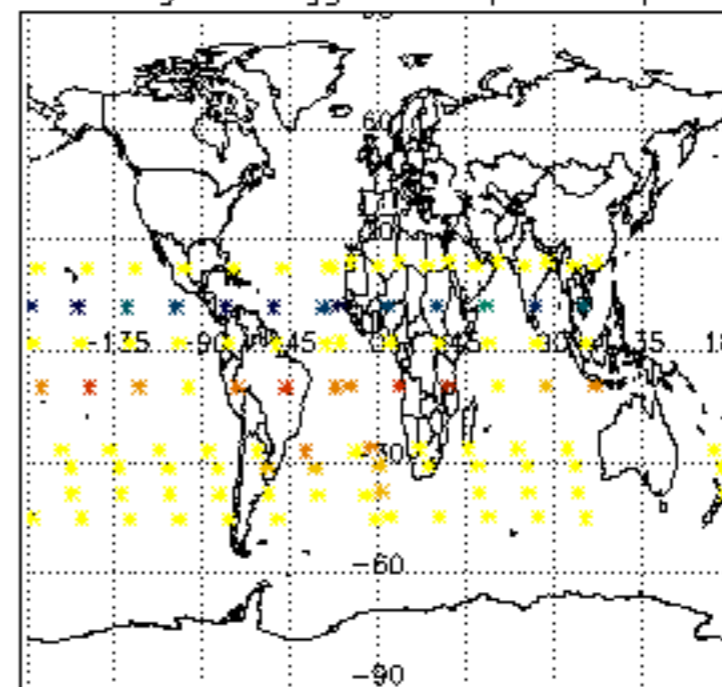




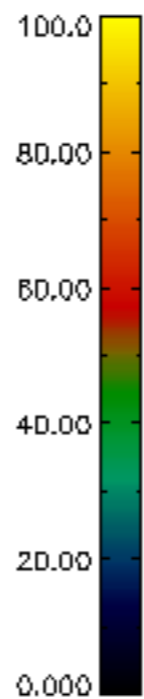
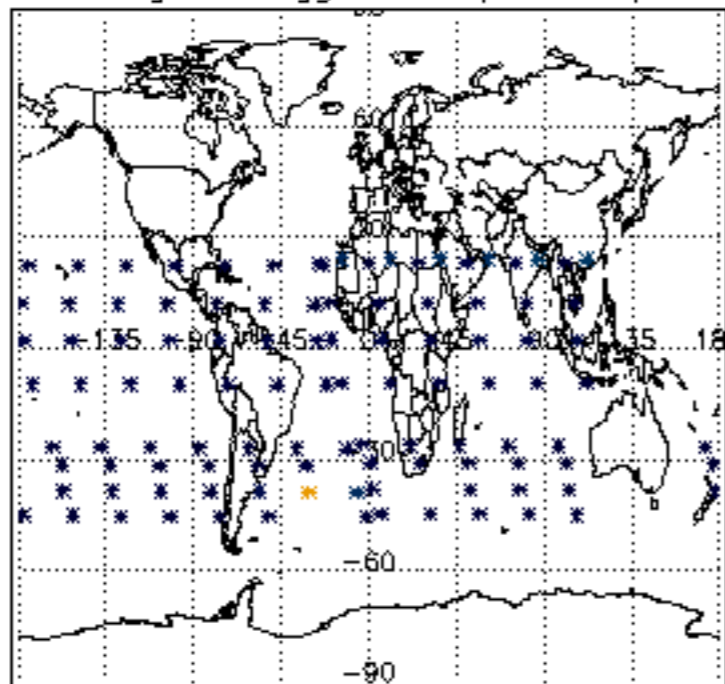
Percentage of flagged data per D3 profile



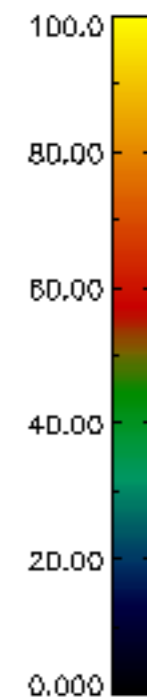
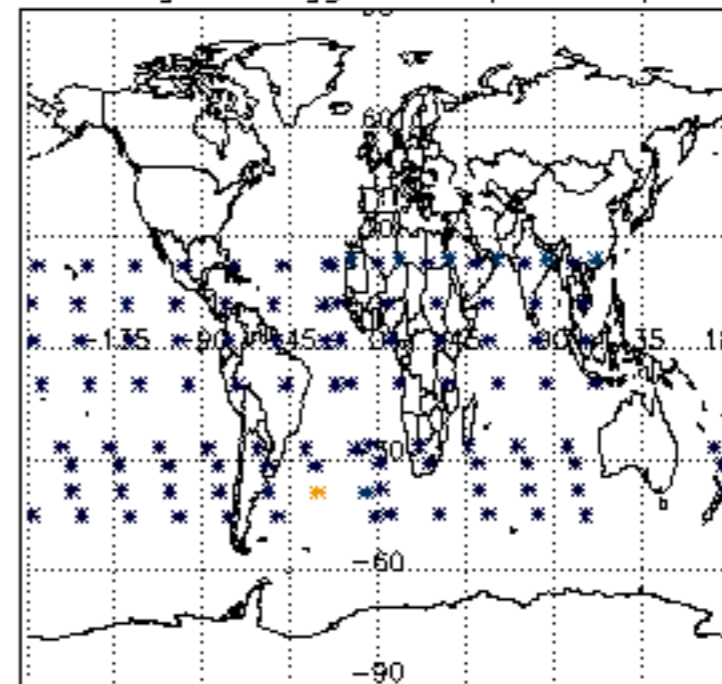
Percentage of flagged data per H2O profile

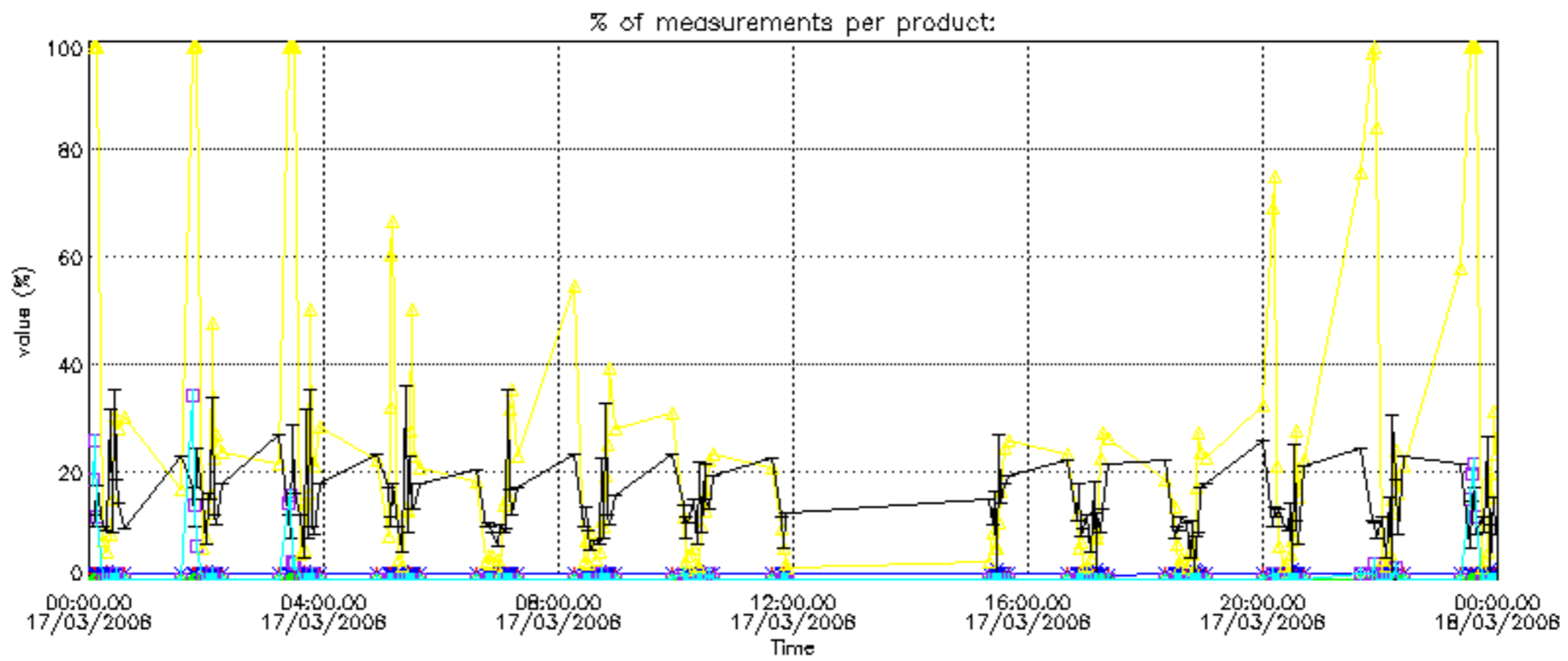


Percentage of flagged data per NO2 profile

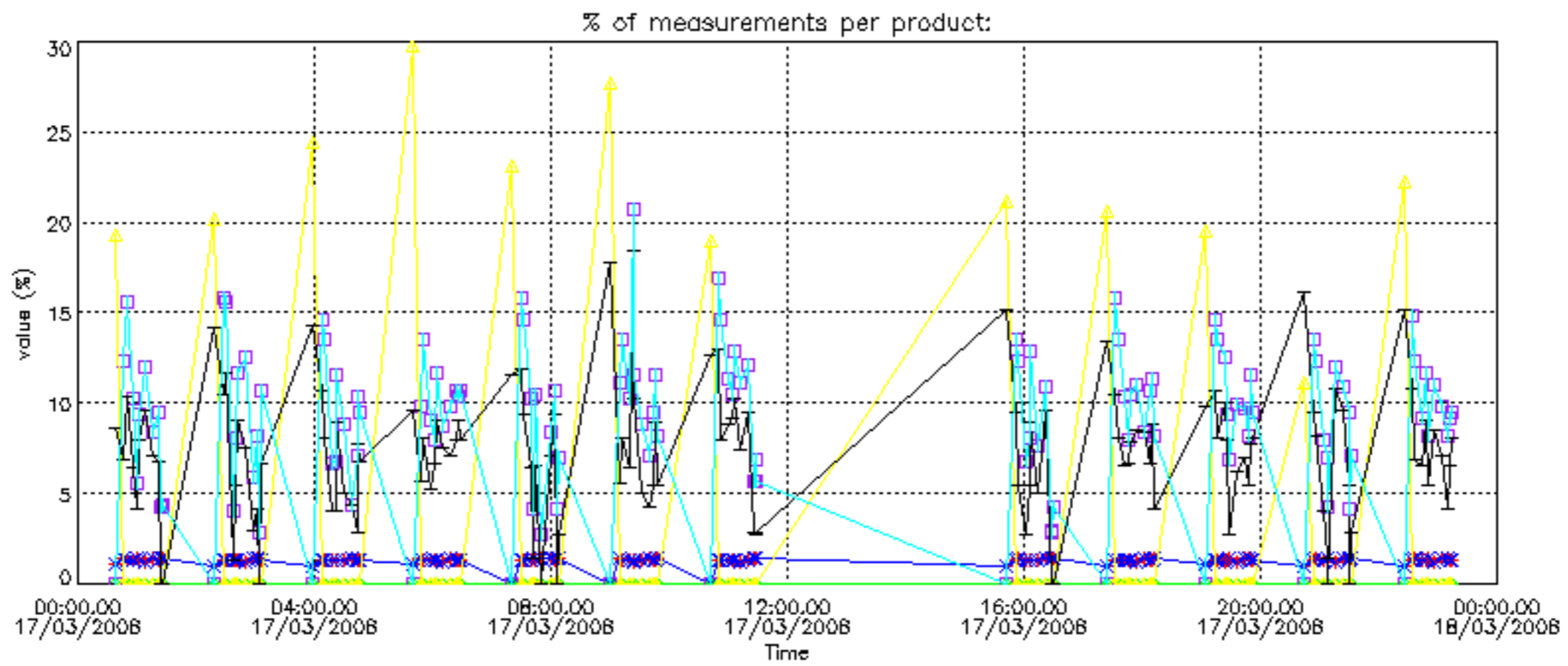
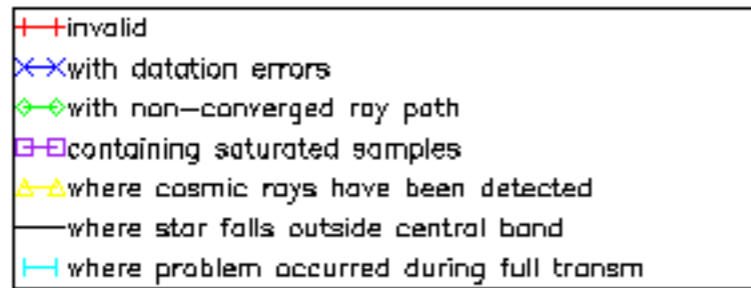


Percentage of flagged data per NO3 profile

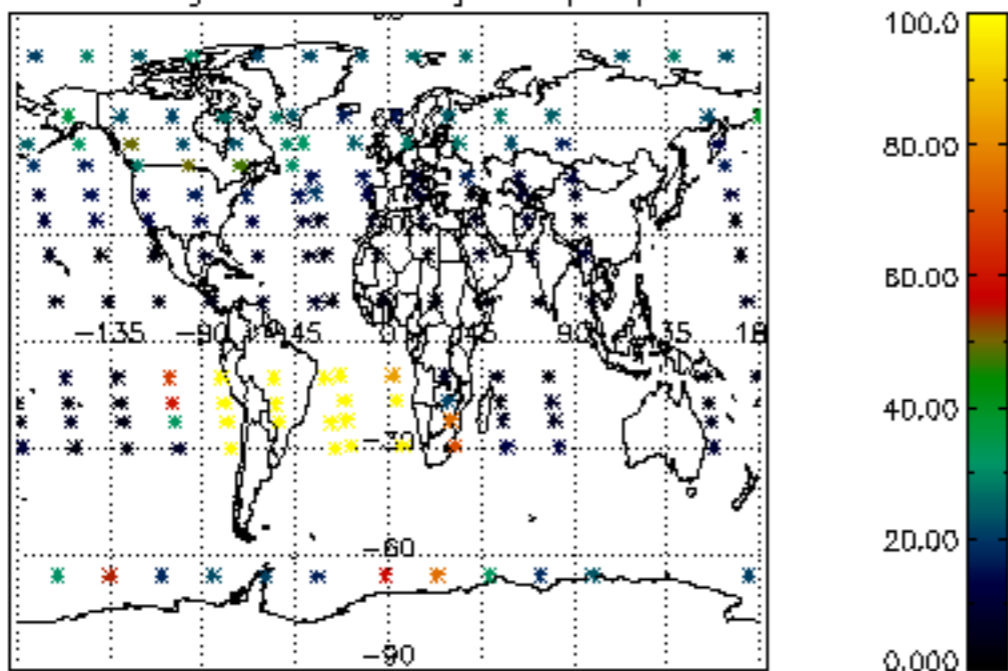




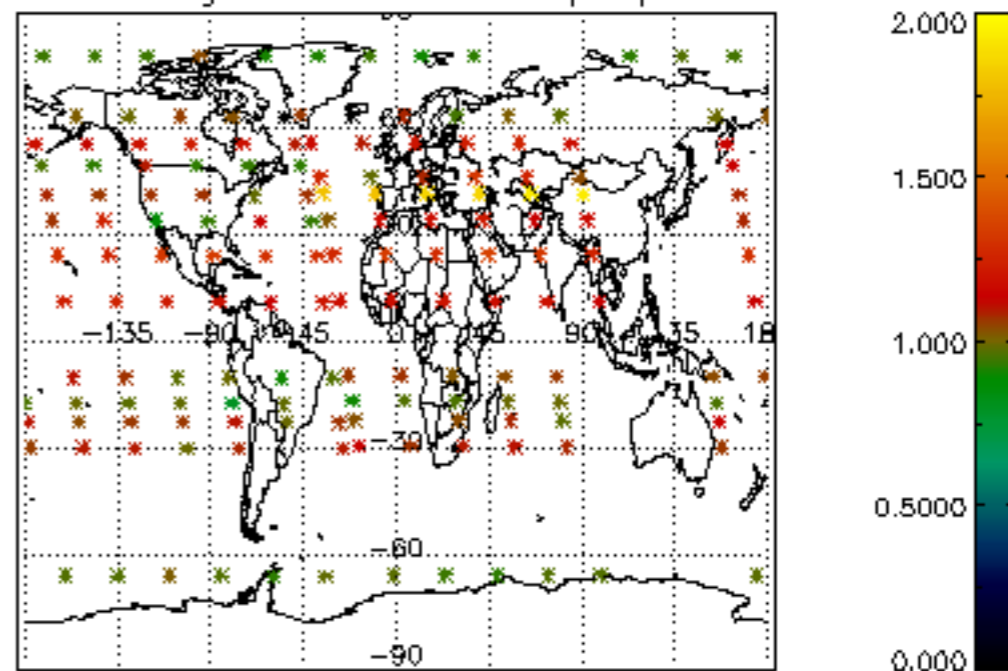




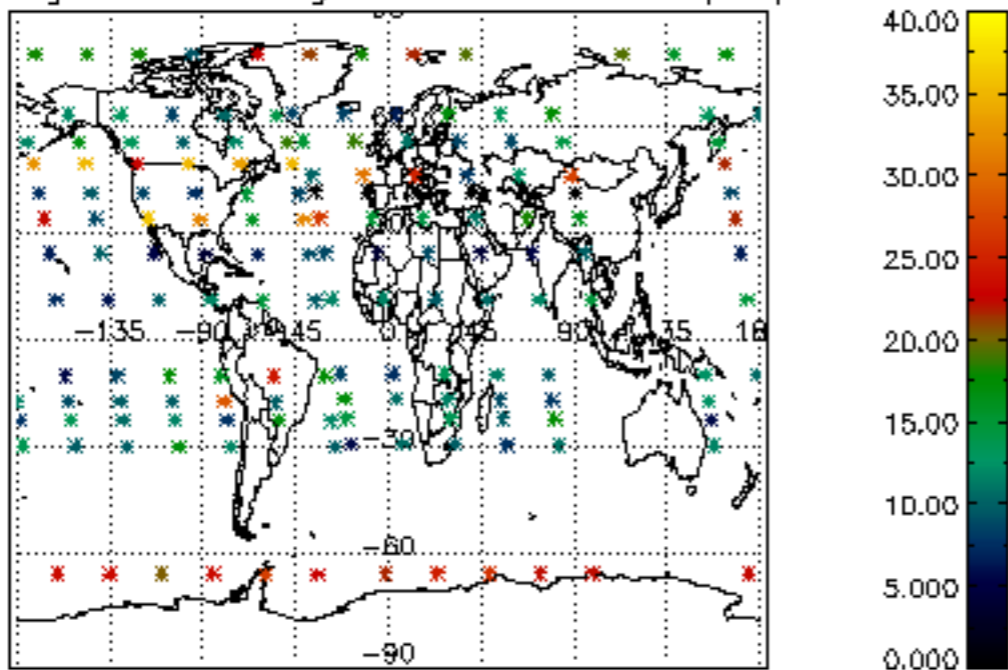
Percentage of cosmic ray hits per profile



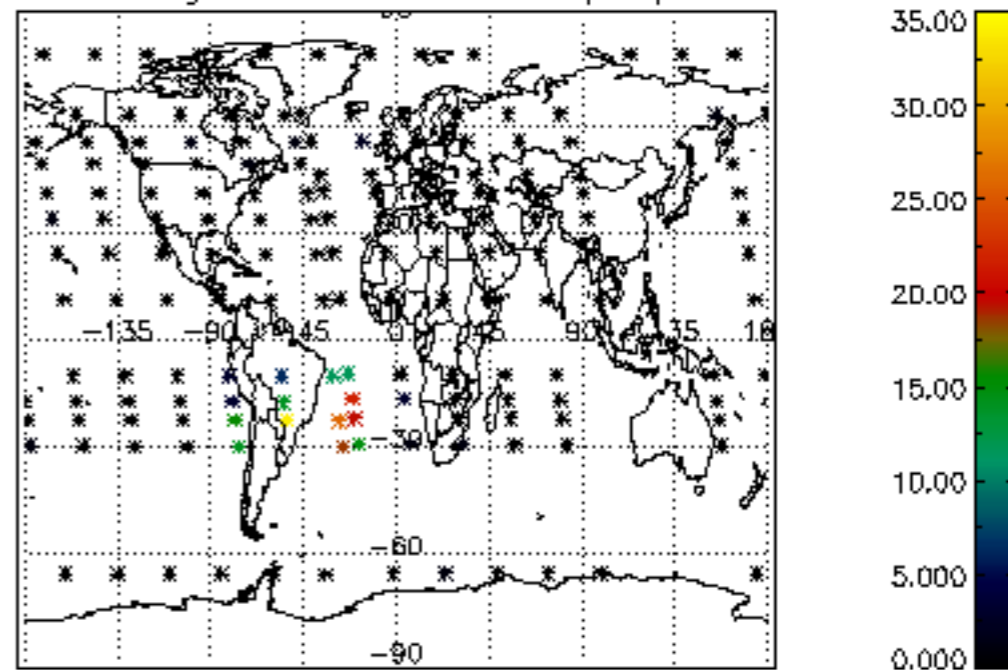
Percentage of datation errors per profile



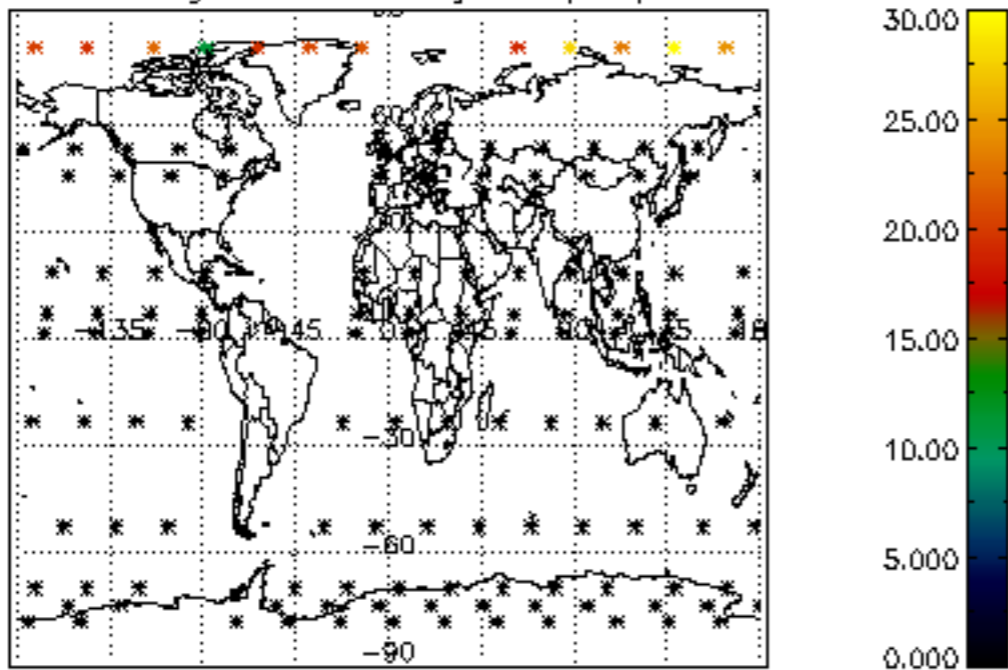
Percentage of star falling outside central band per profile



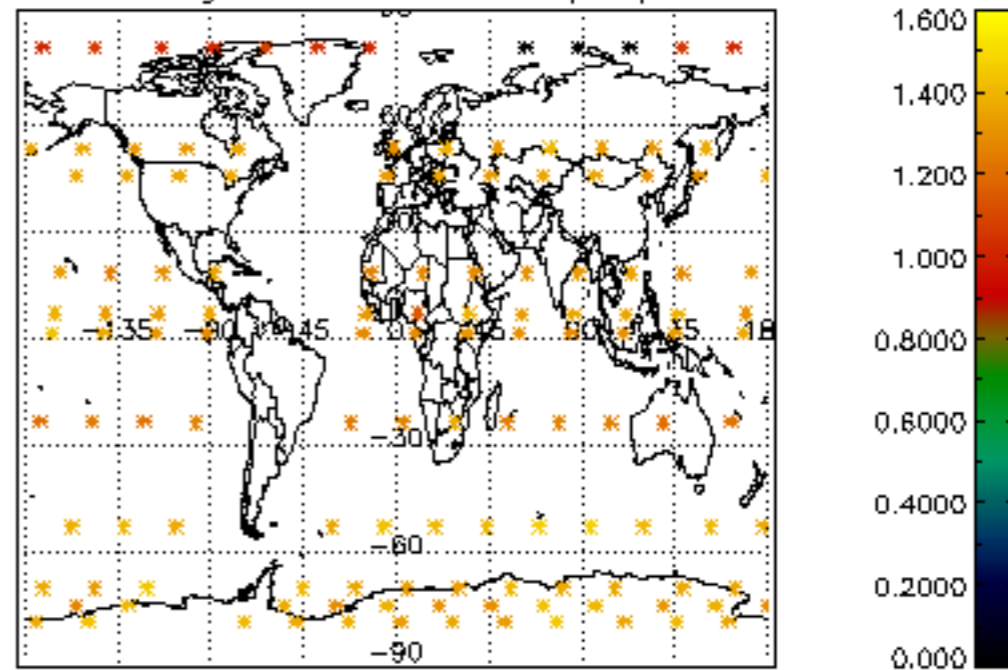
Percentage of saturation errors per profile



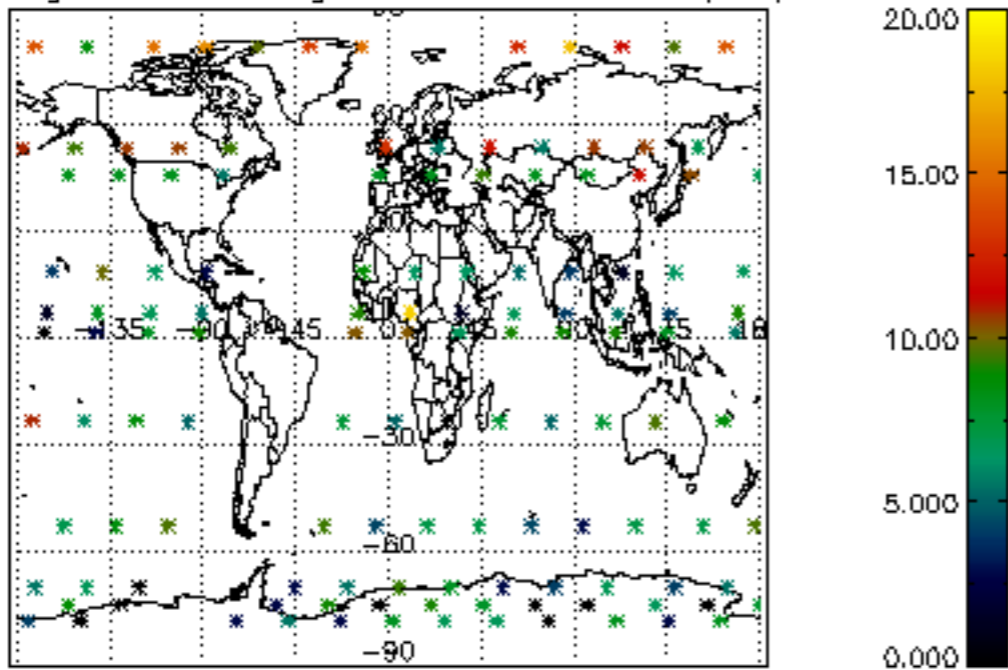
Percentage of cosmic ray hits per profile



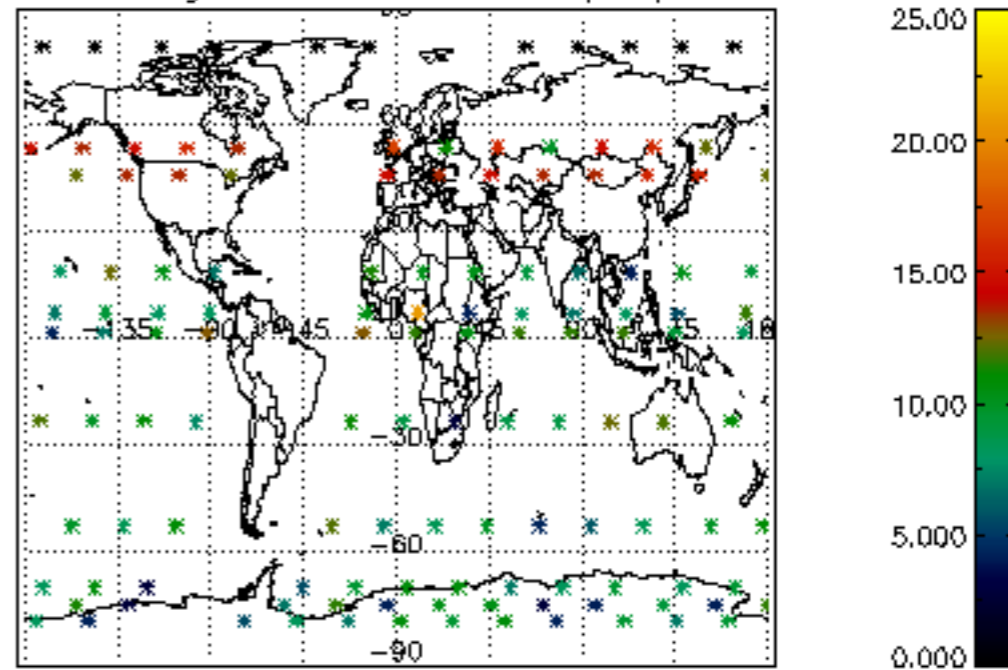
Percentage of datation errors per profile



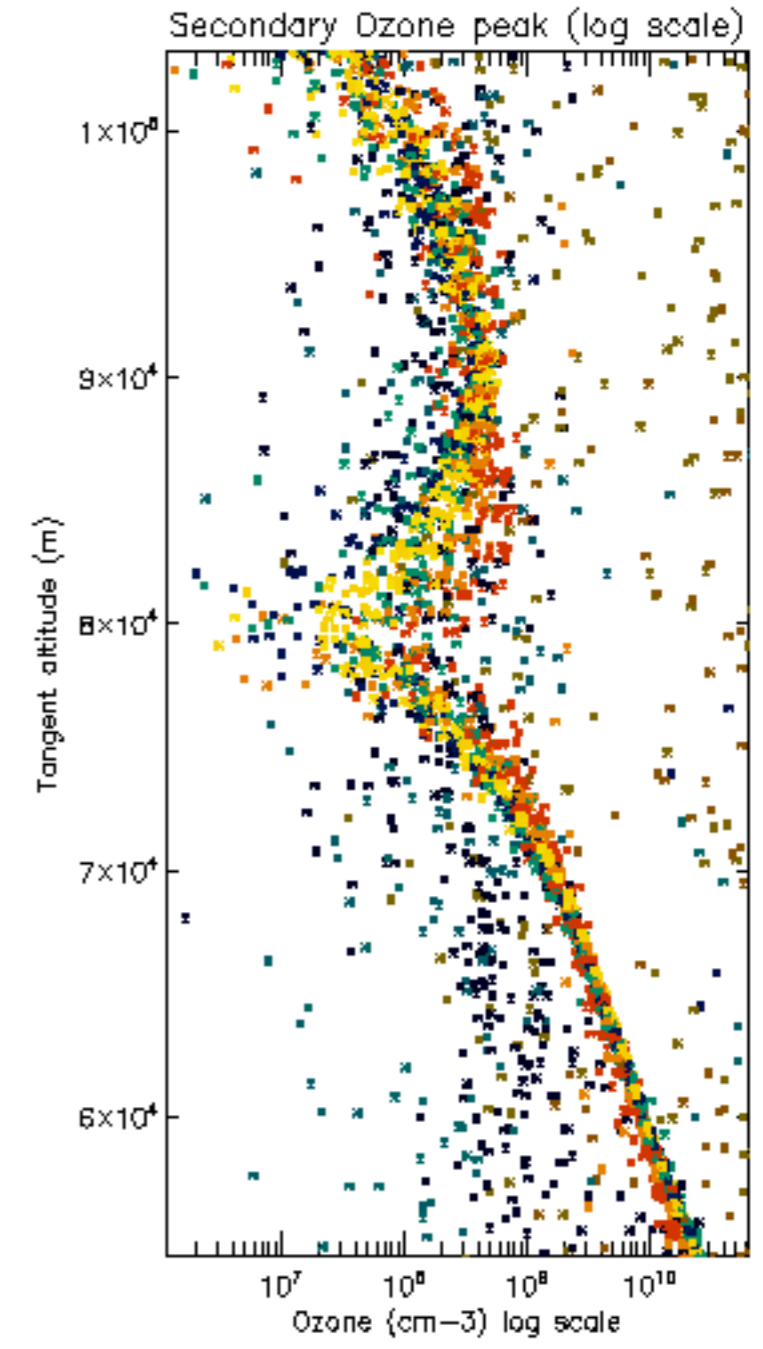
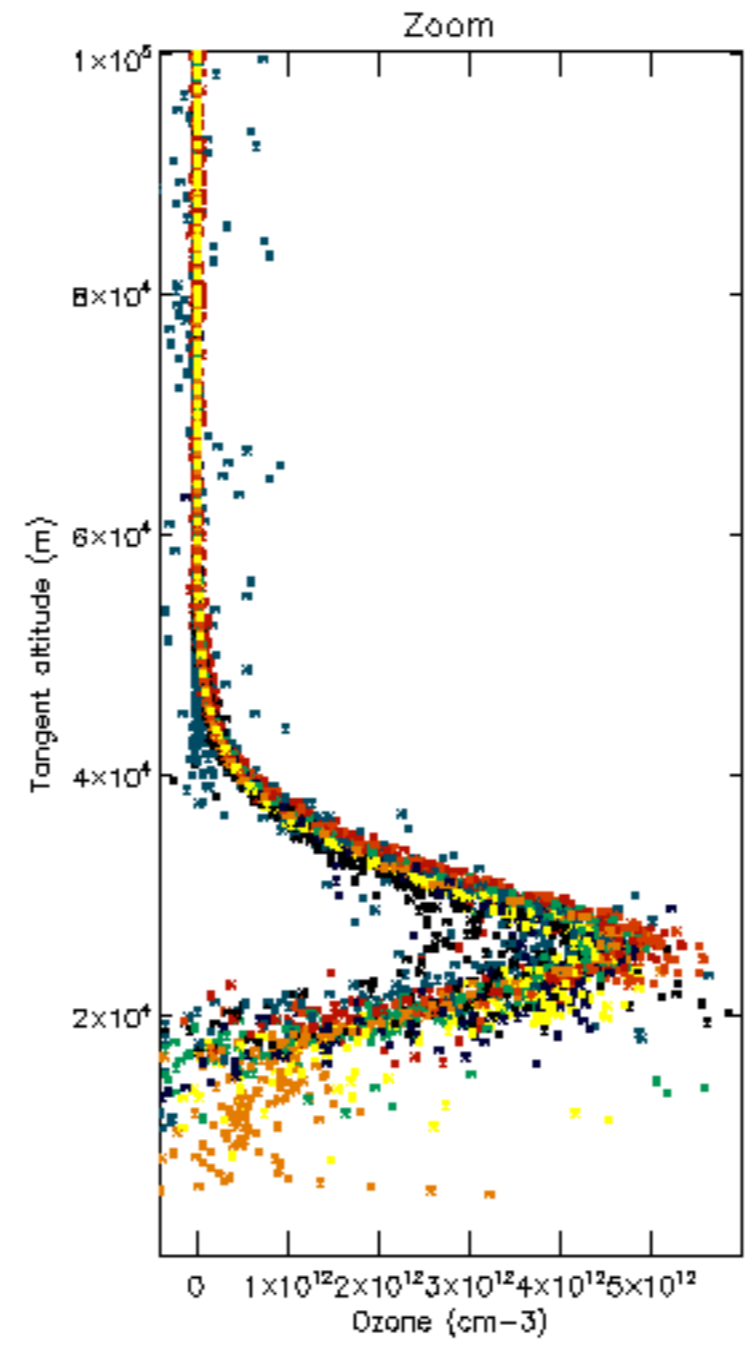
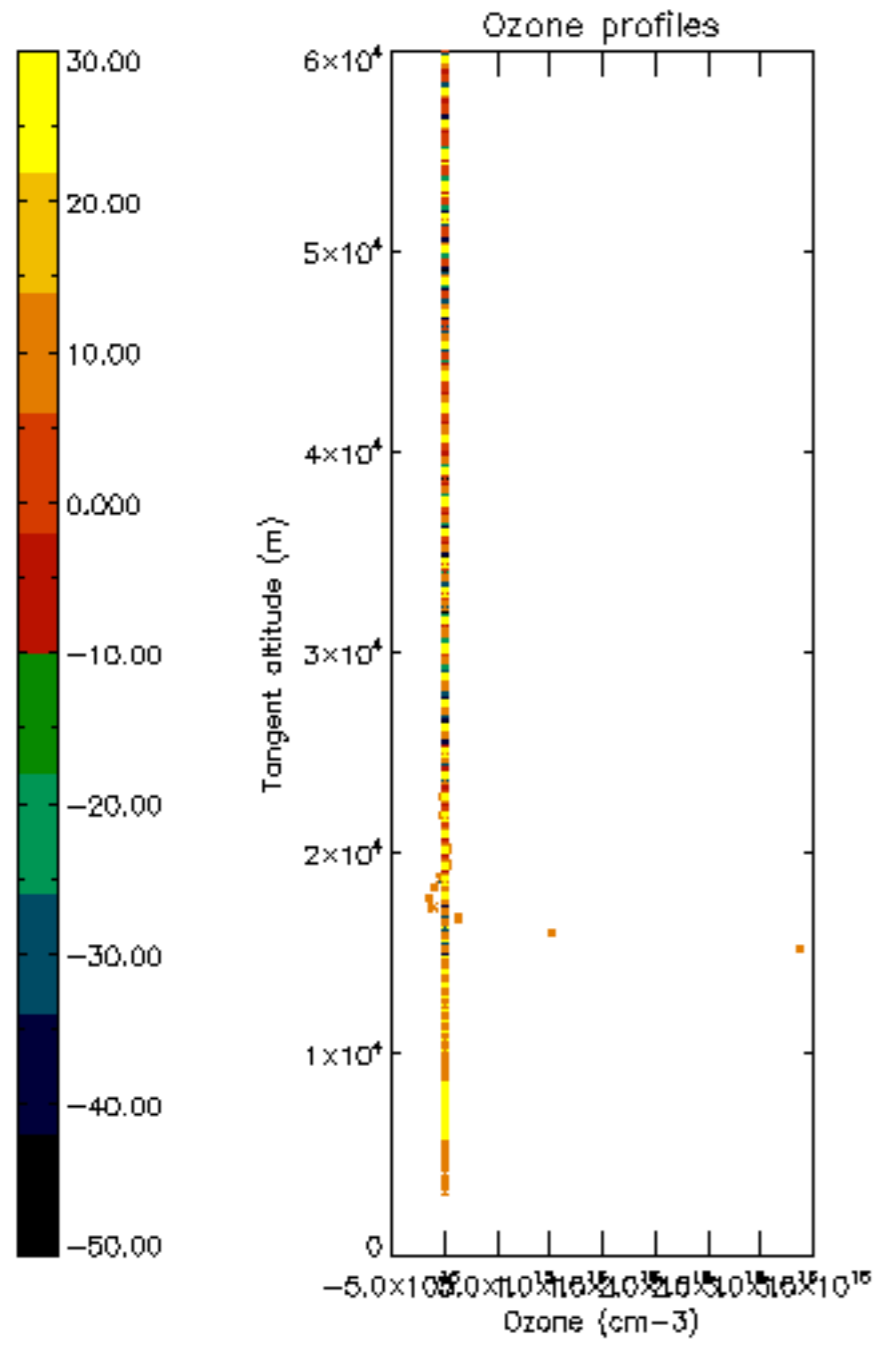
Percentage of star falling outside central band per profile

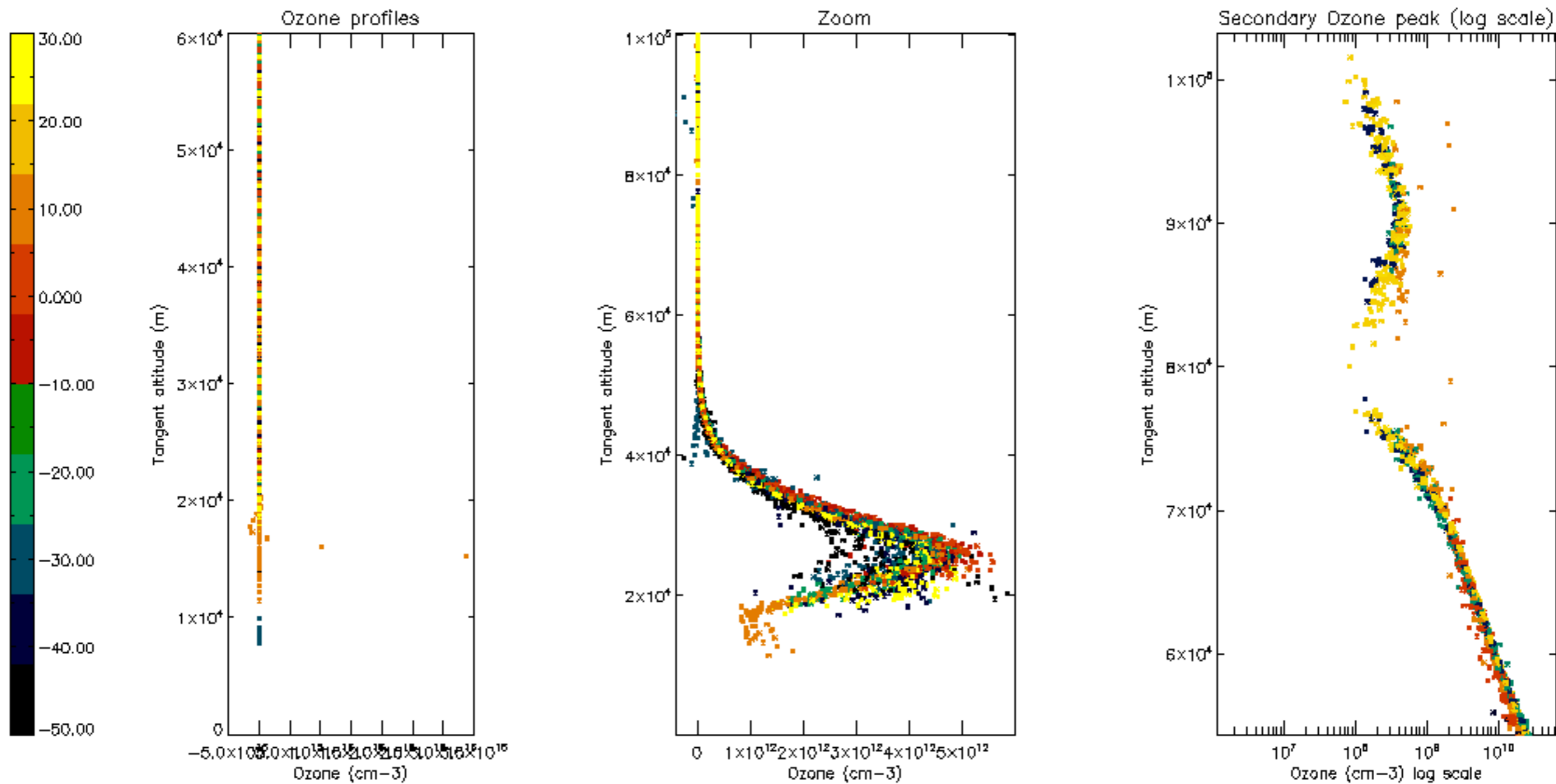


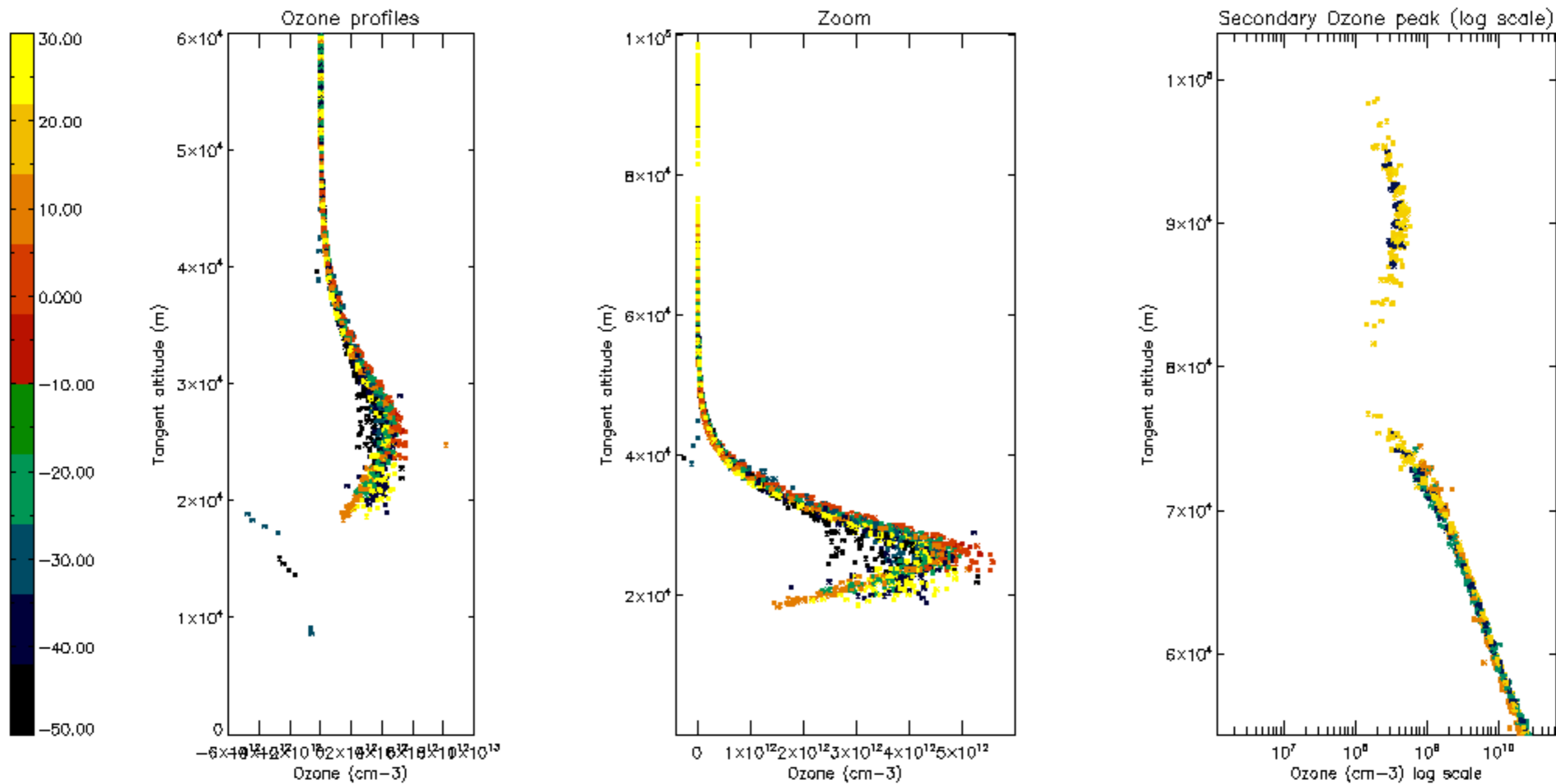
Percentage of saturation errors per profile

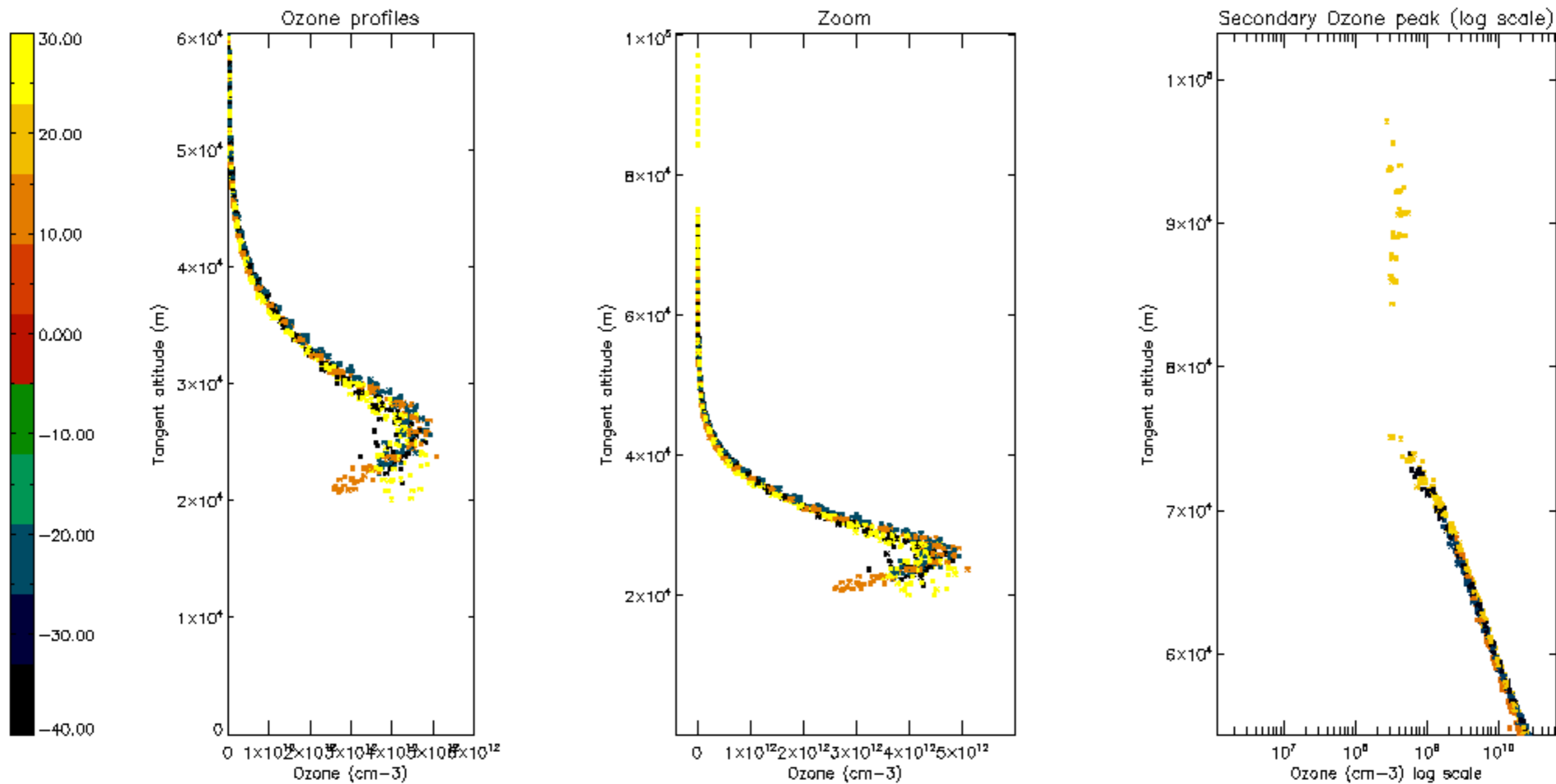




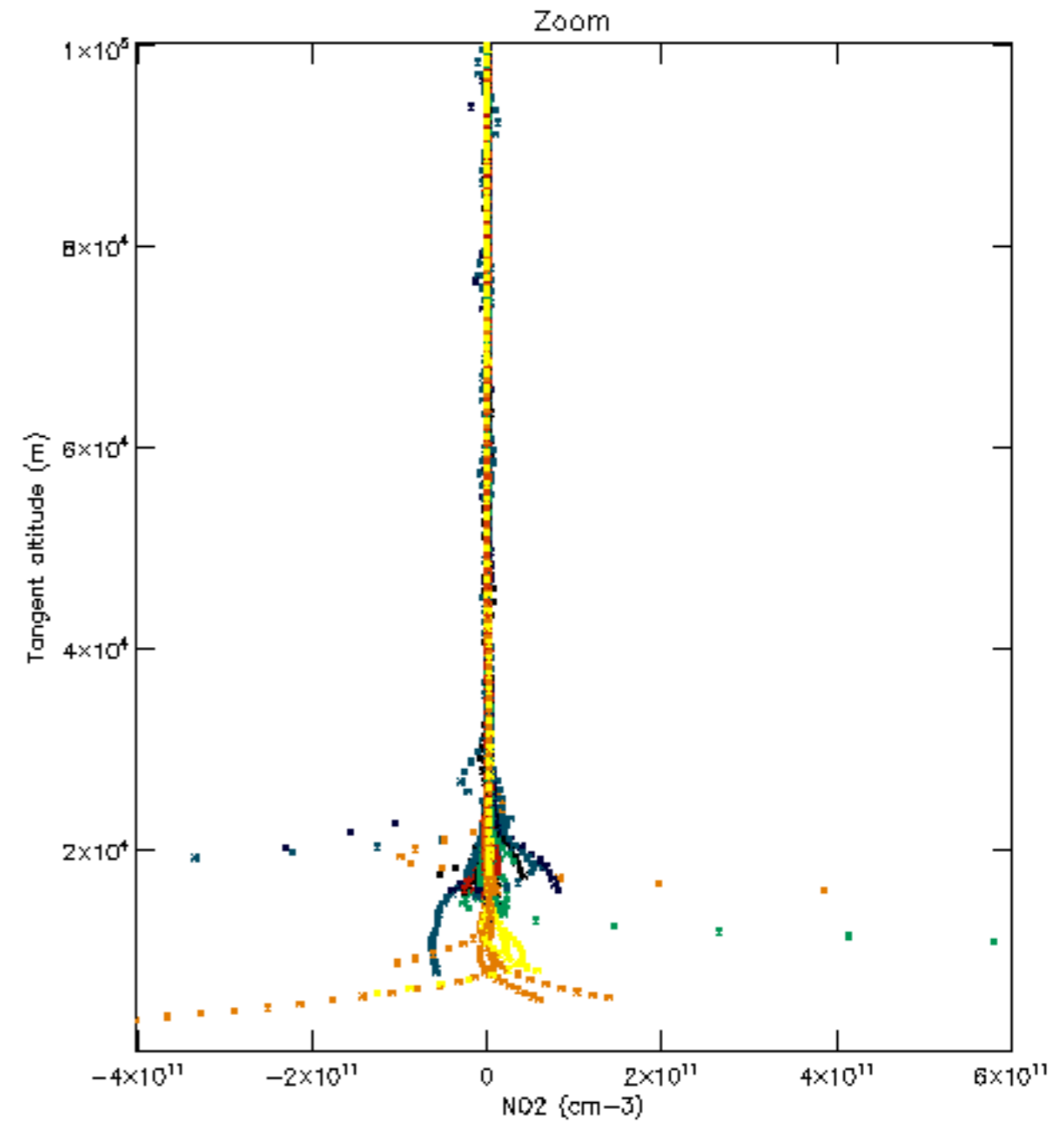
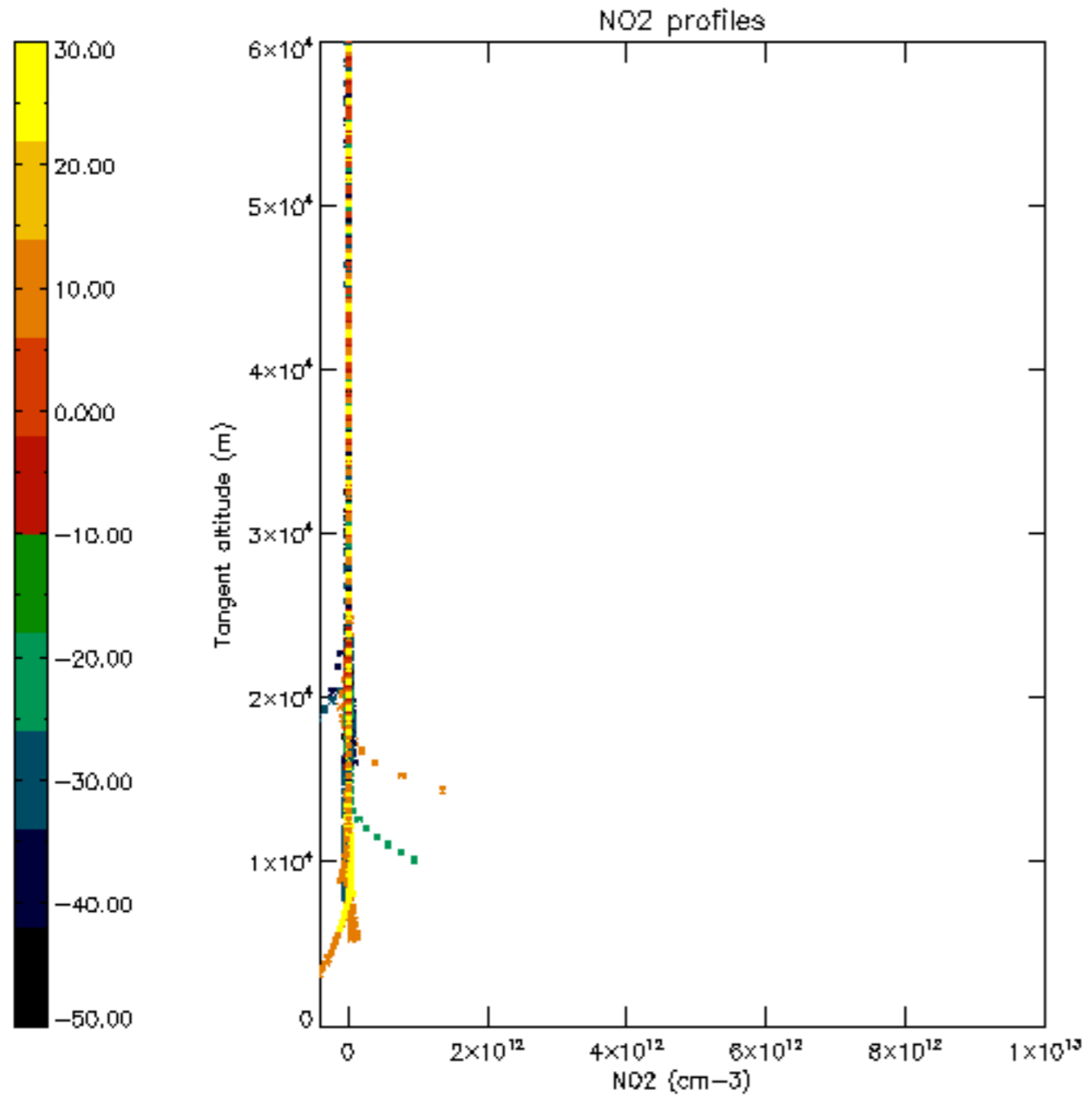


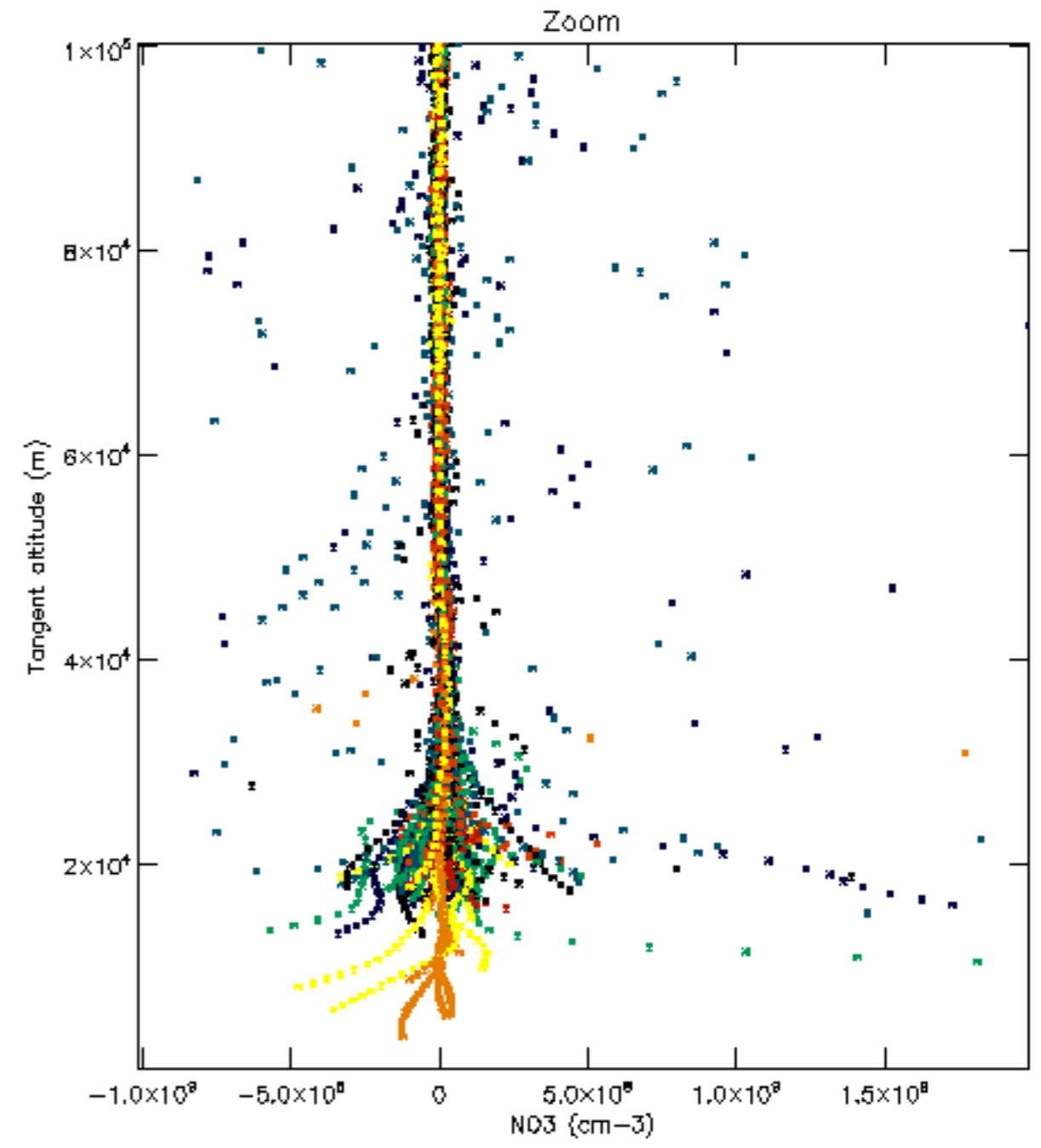
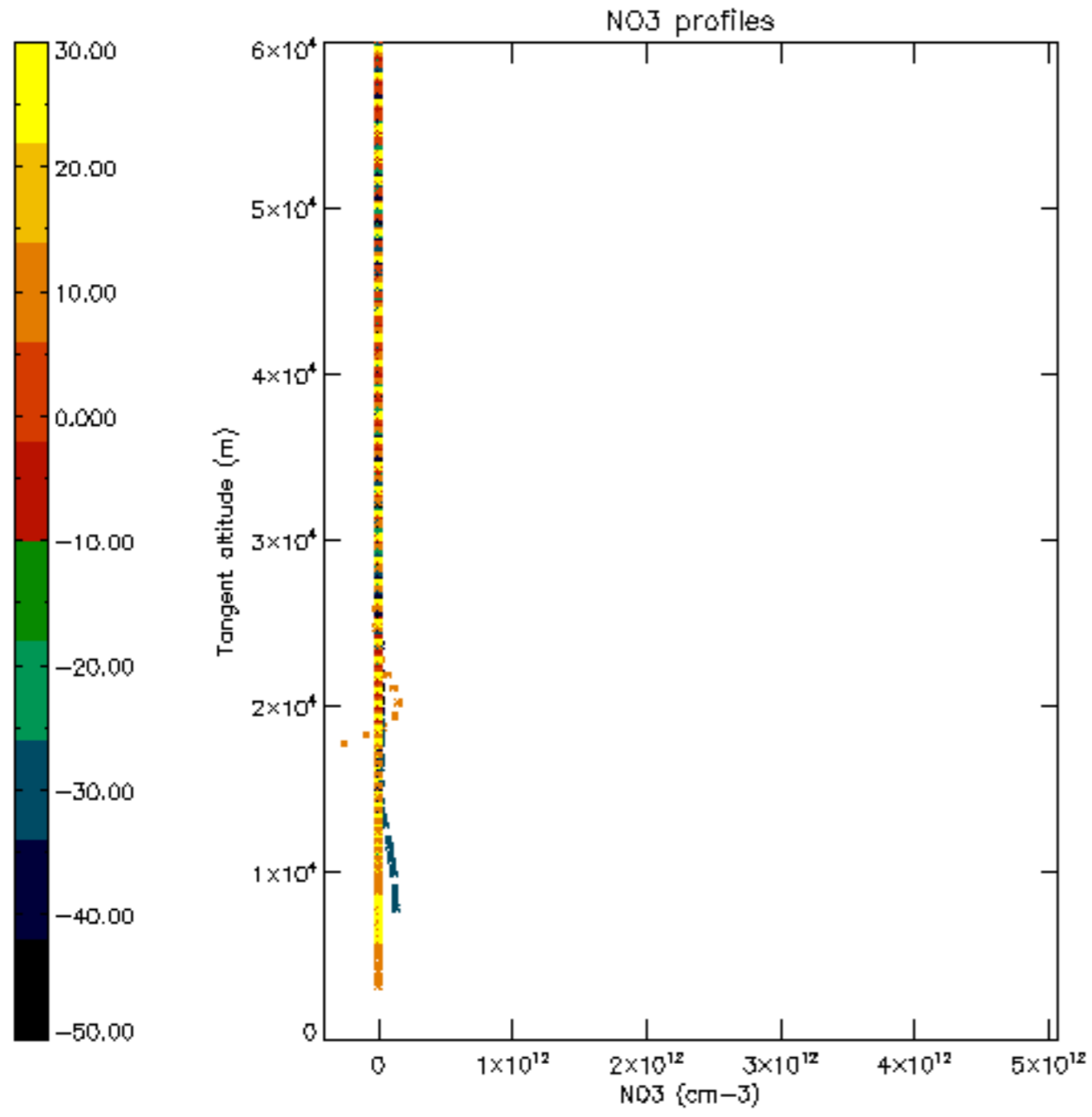


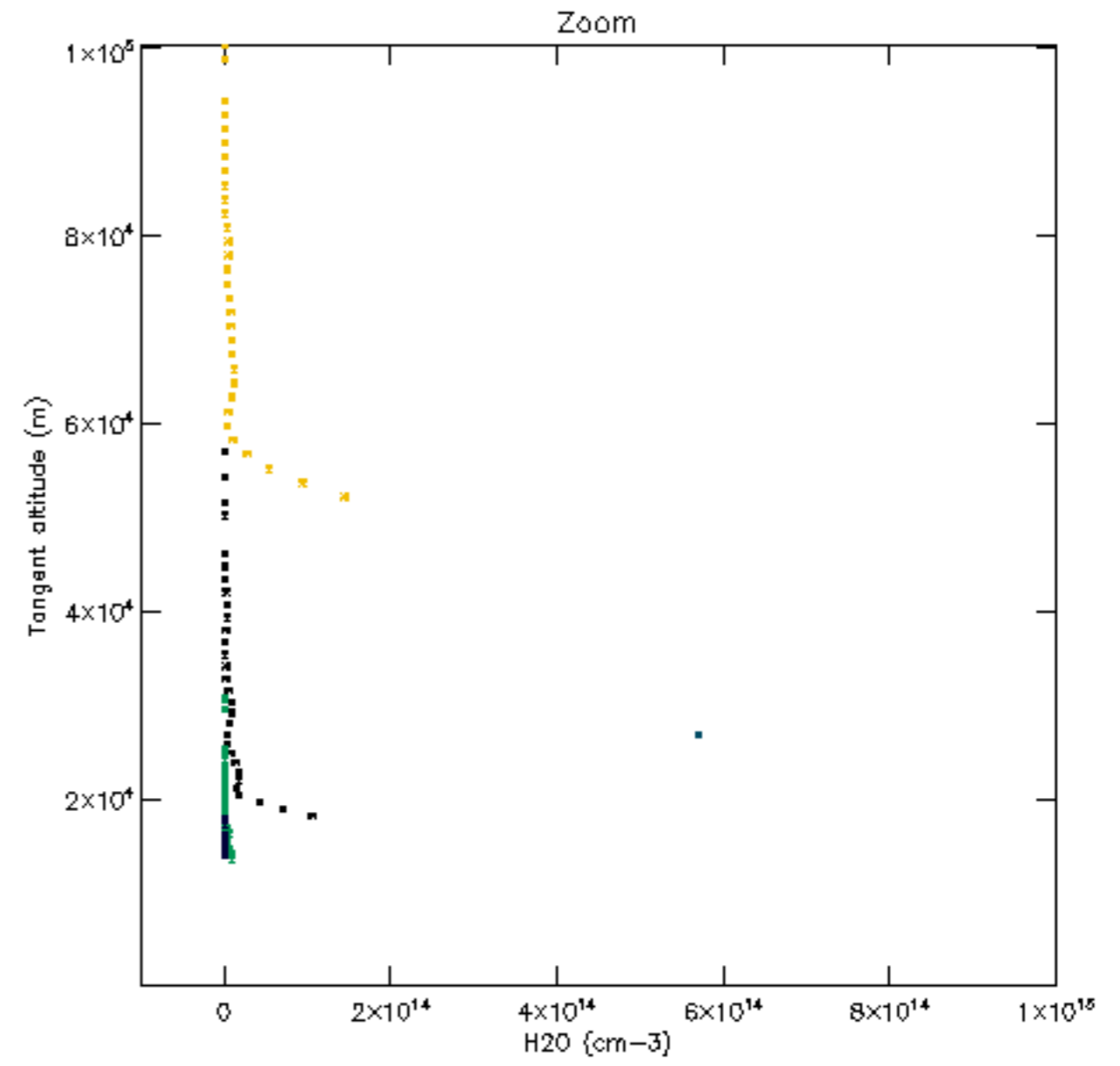
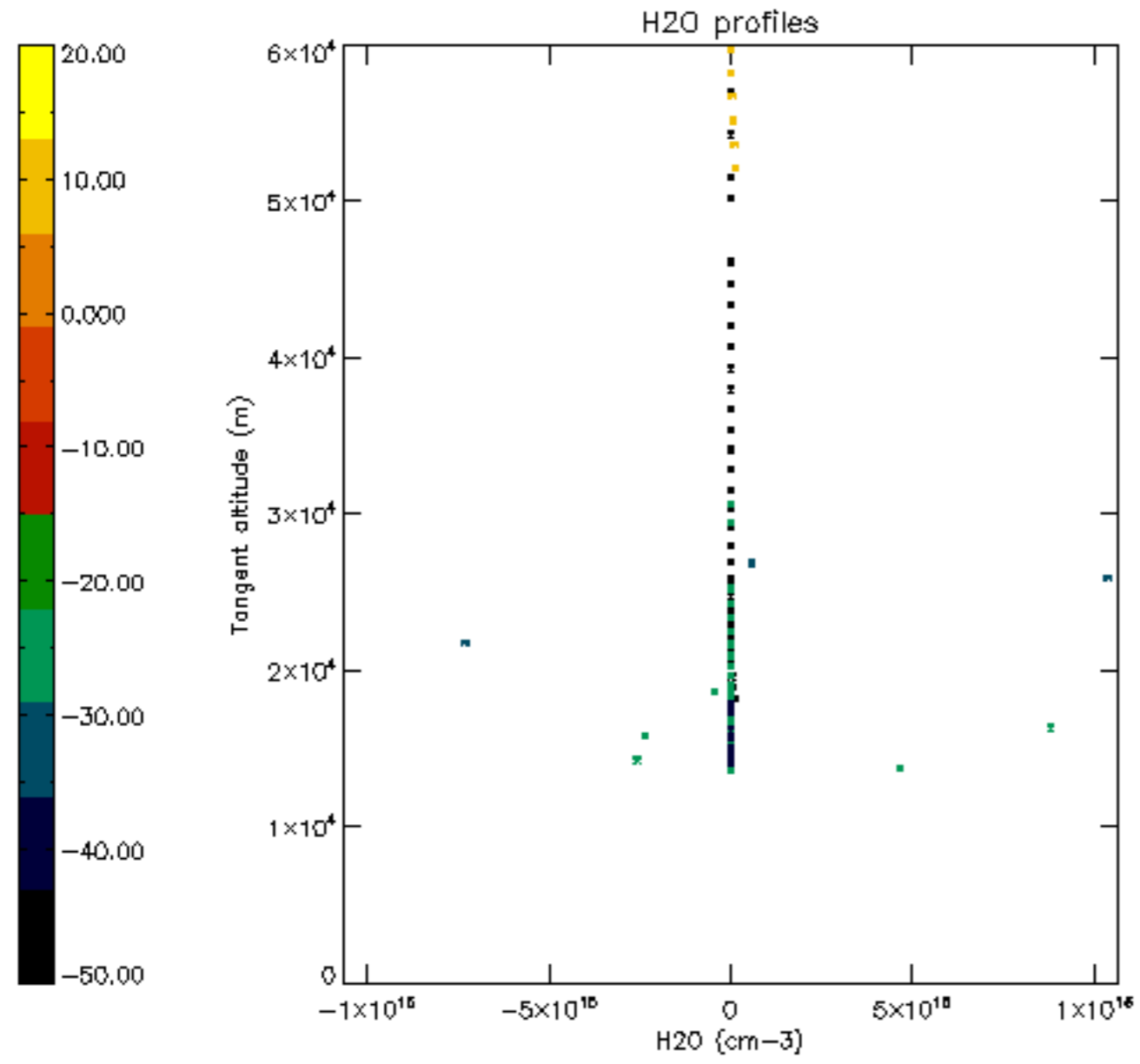


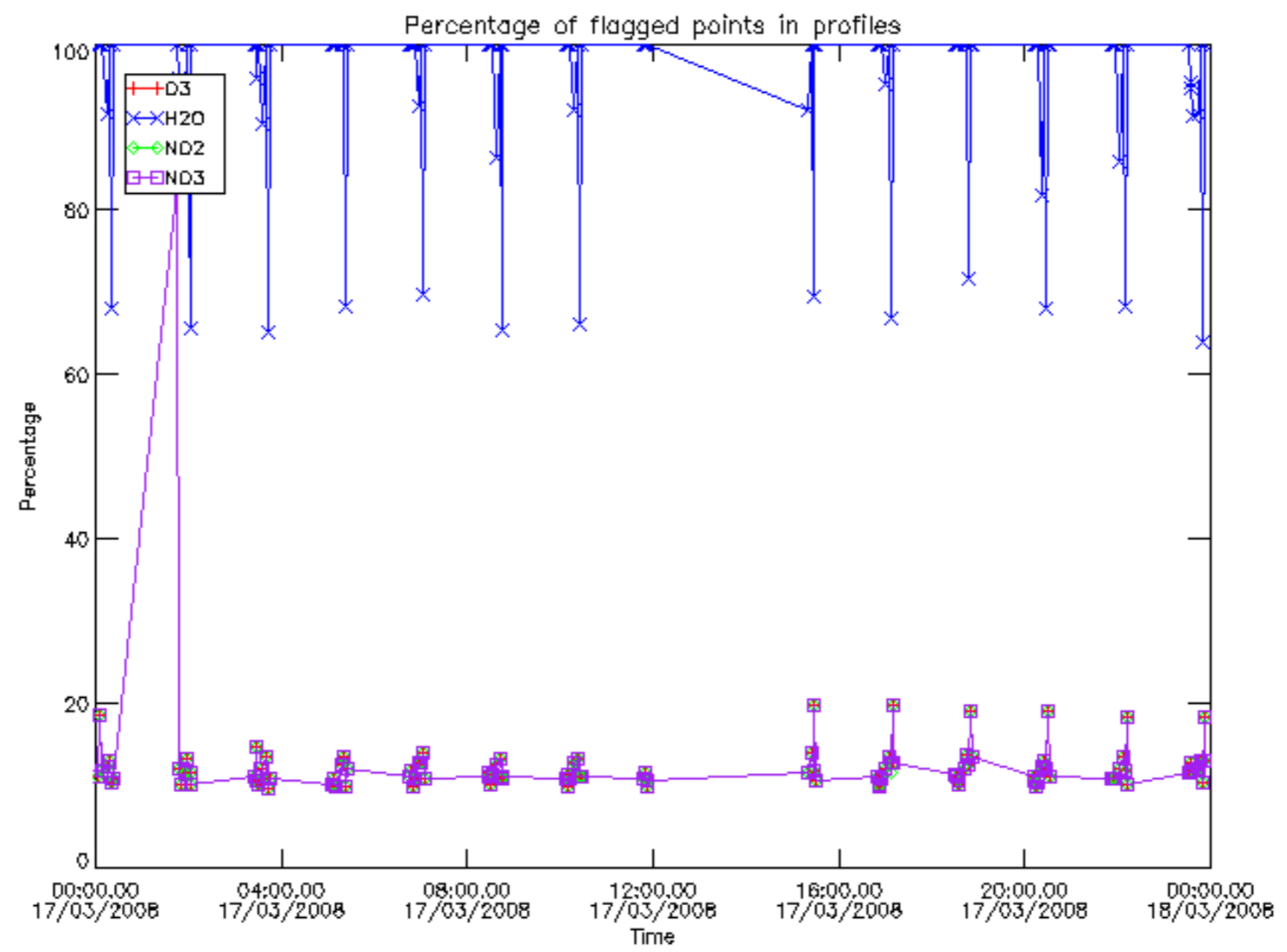






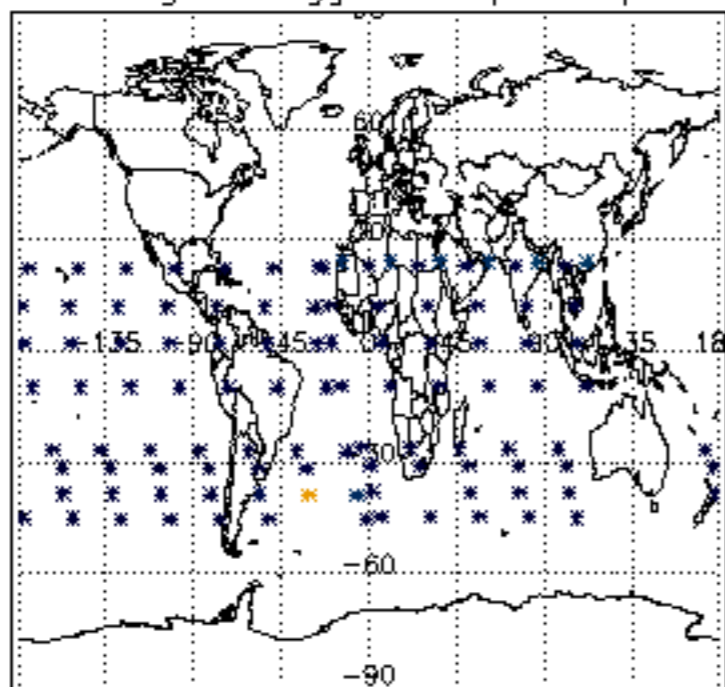




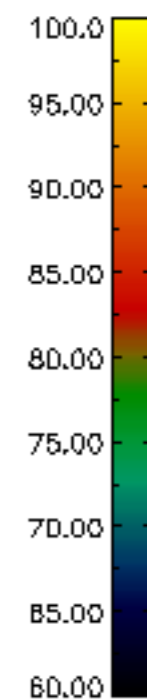
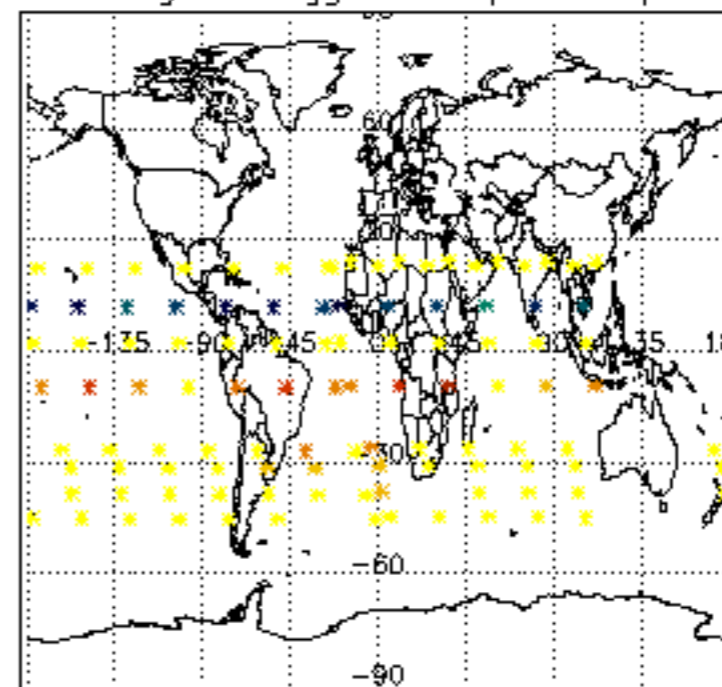




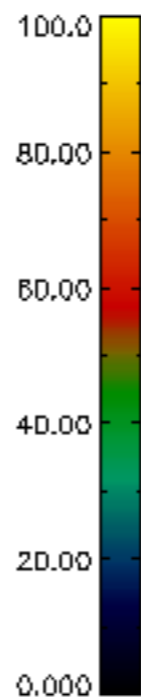
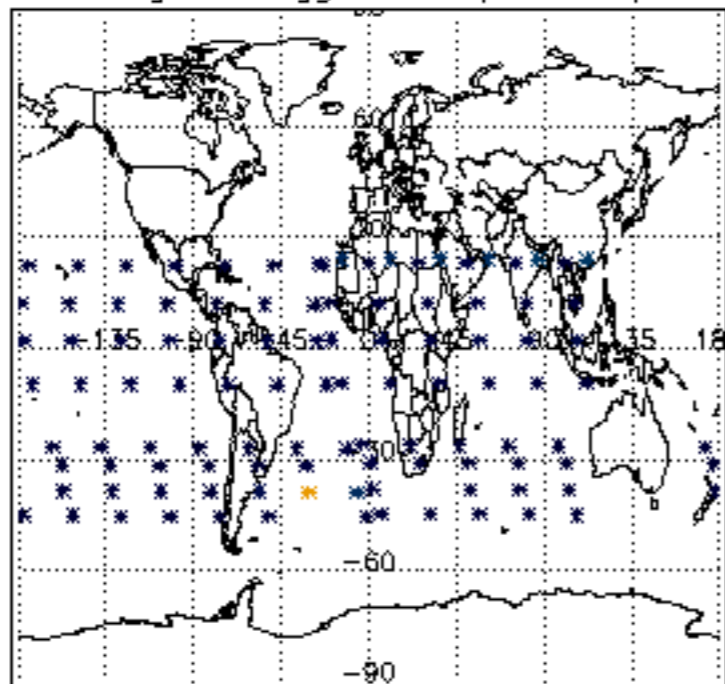
Percentage of flagged data per D3 profile



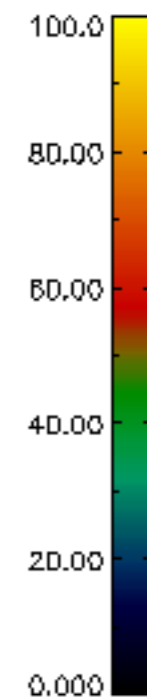
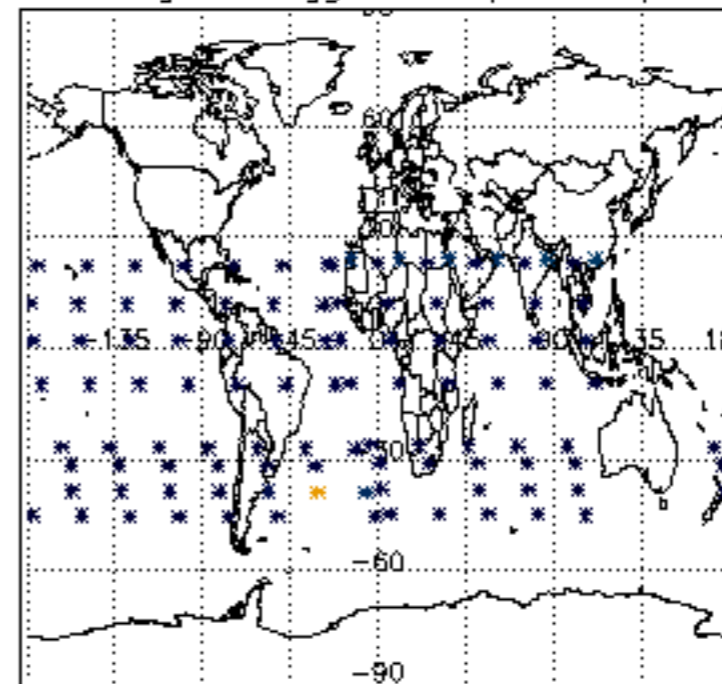
Percentage of flagged data per H2O profile

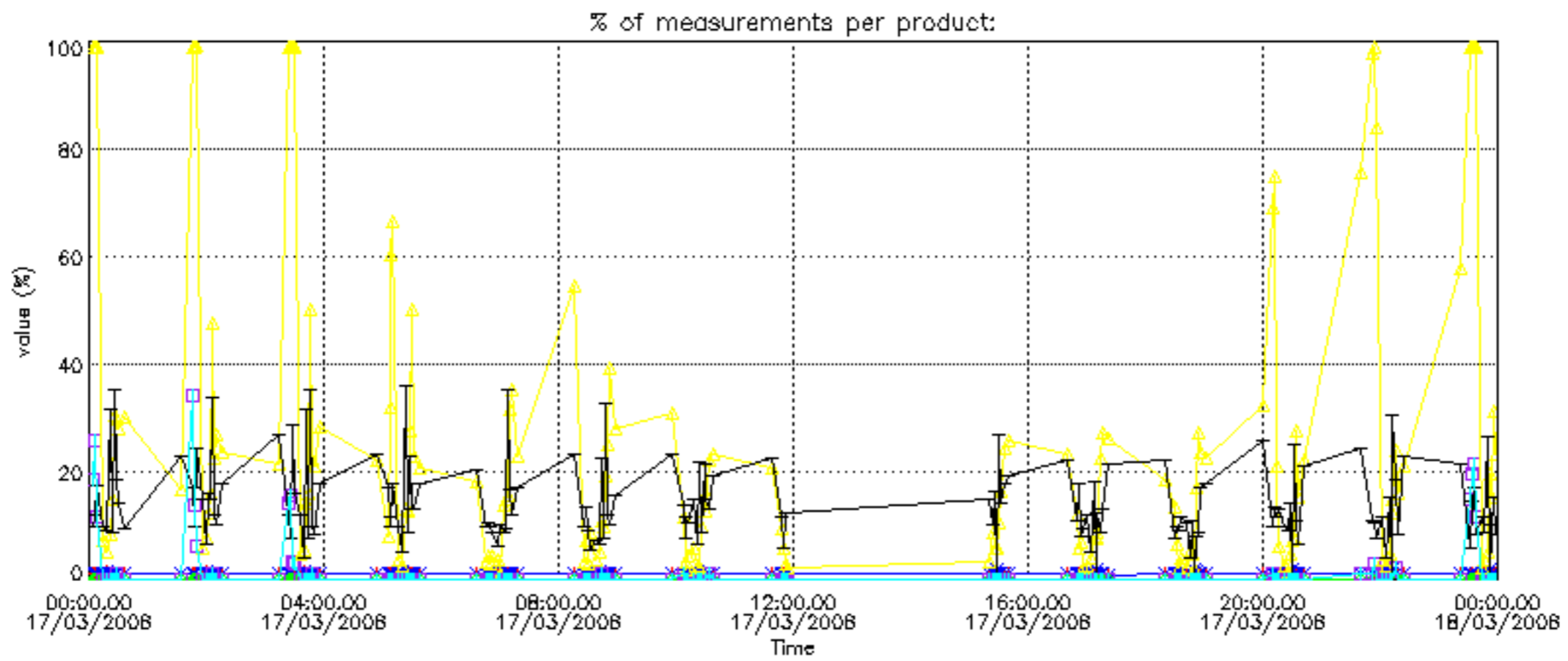


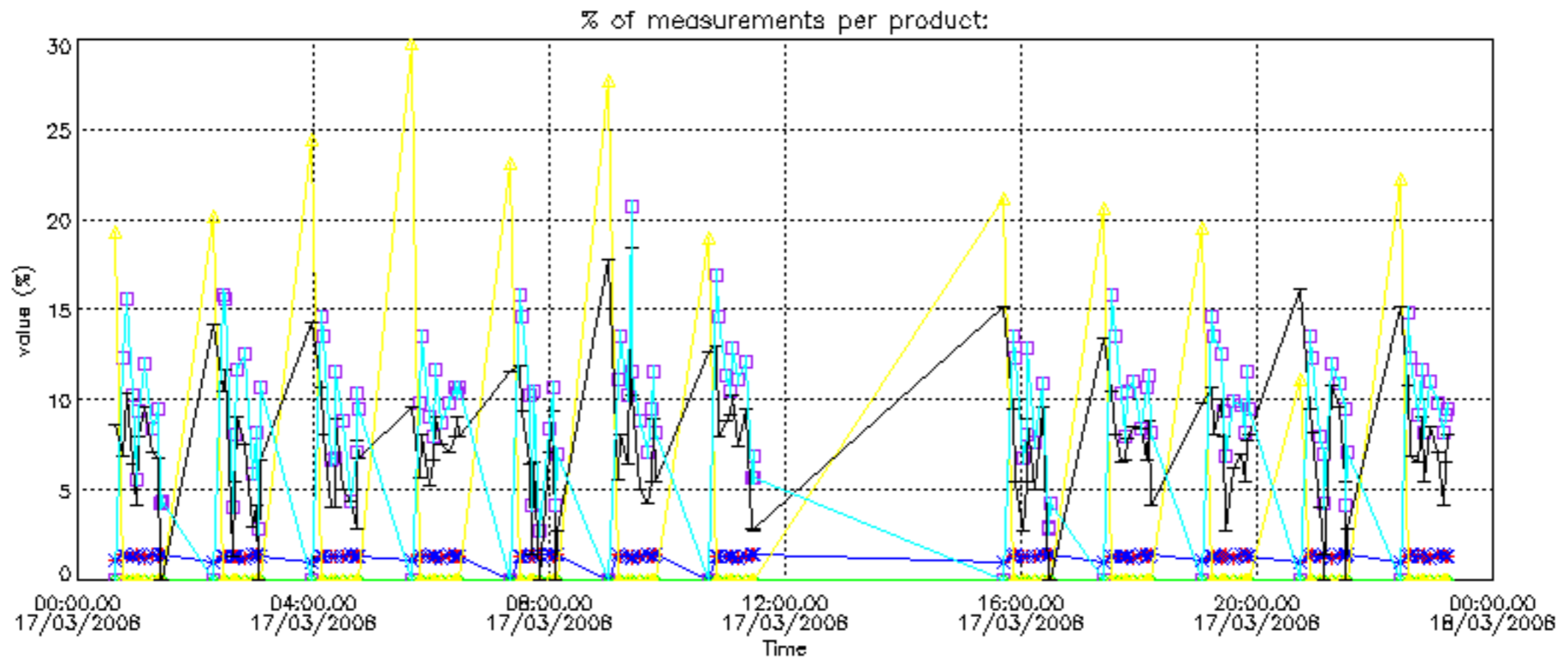
Percentage of flagged data per NO2 profile



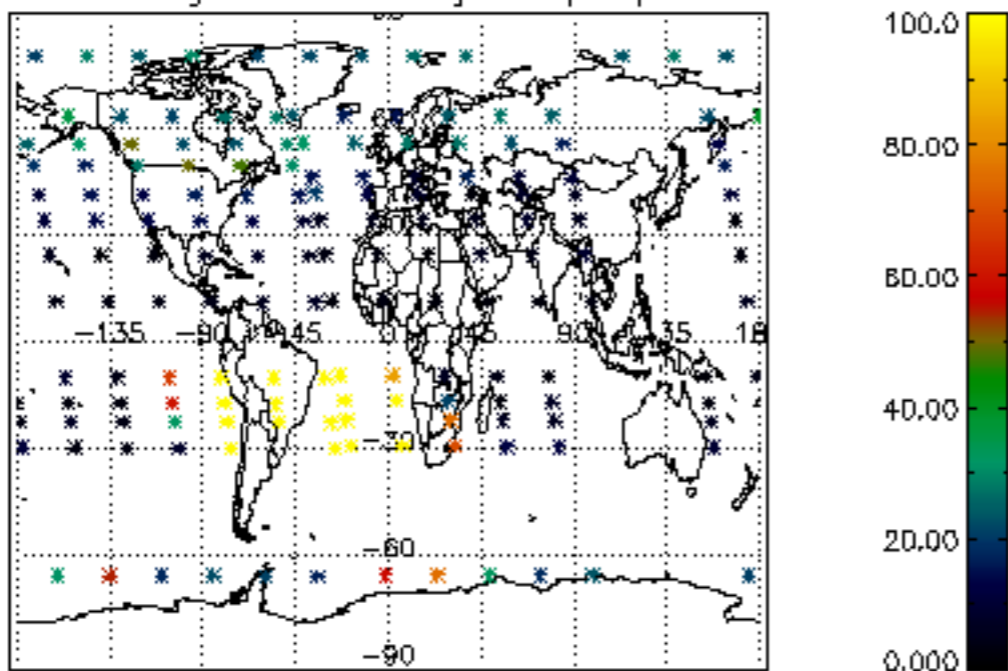
Percentage of flagged data per NO3 profile



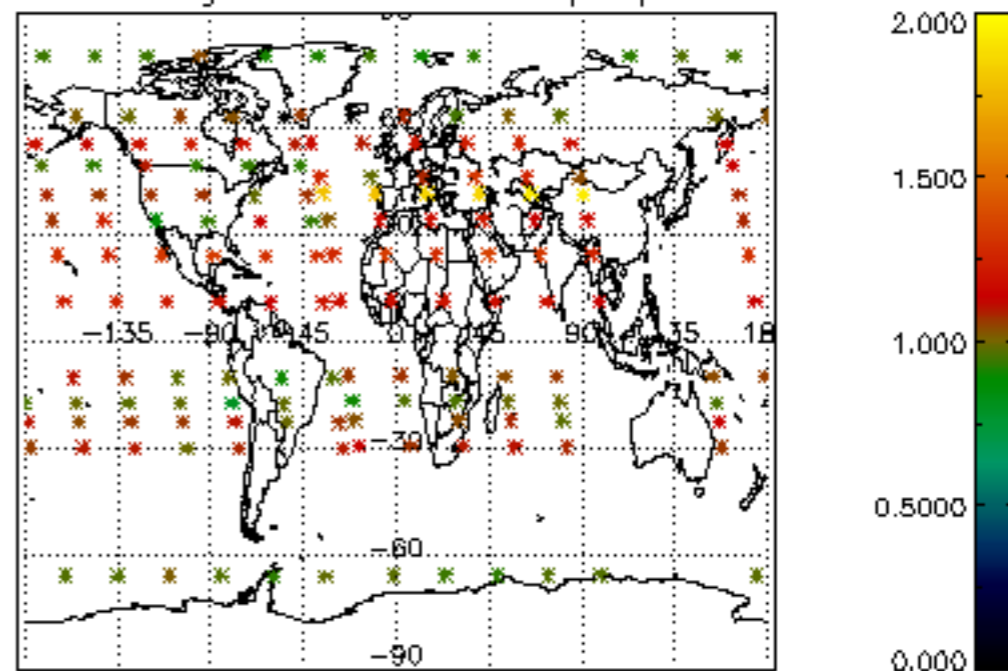




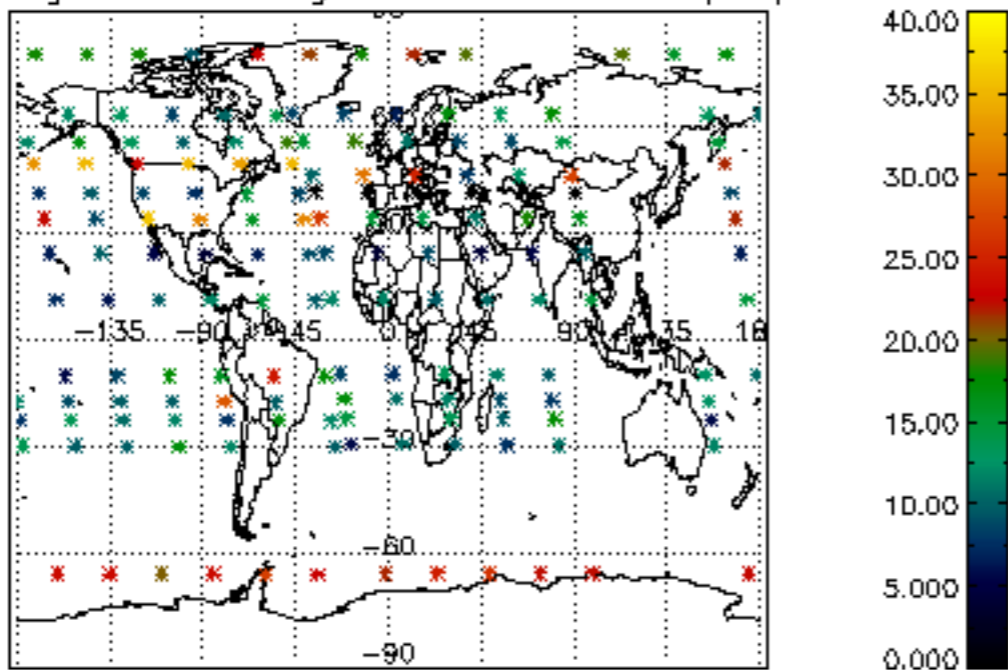
Percentage of cosmic ray hits per profile



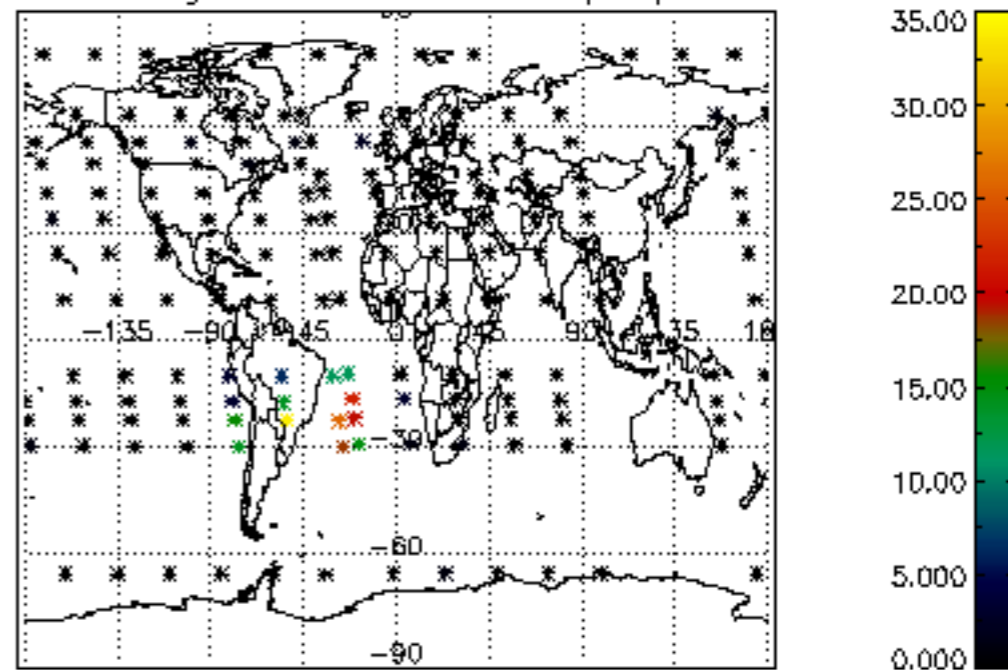
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

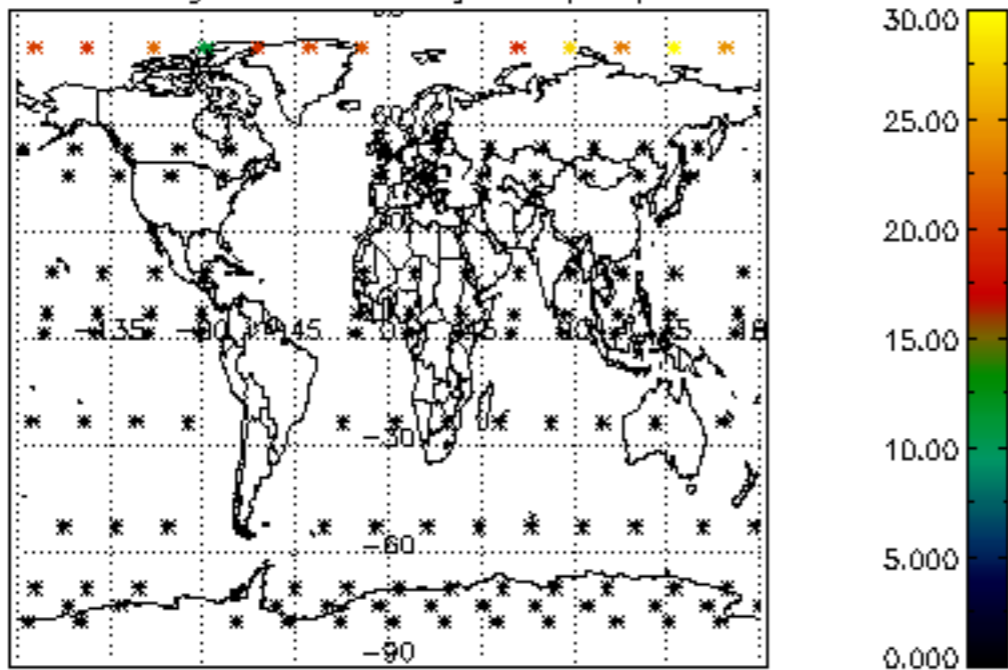


Percentage of saturation errors per profile

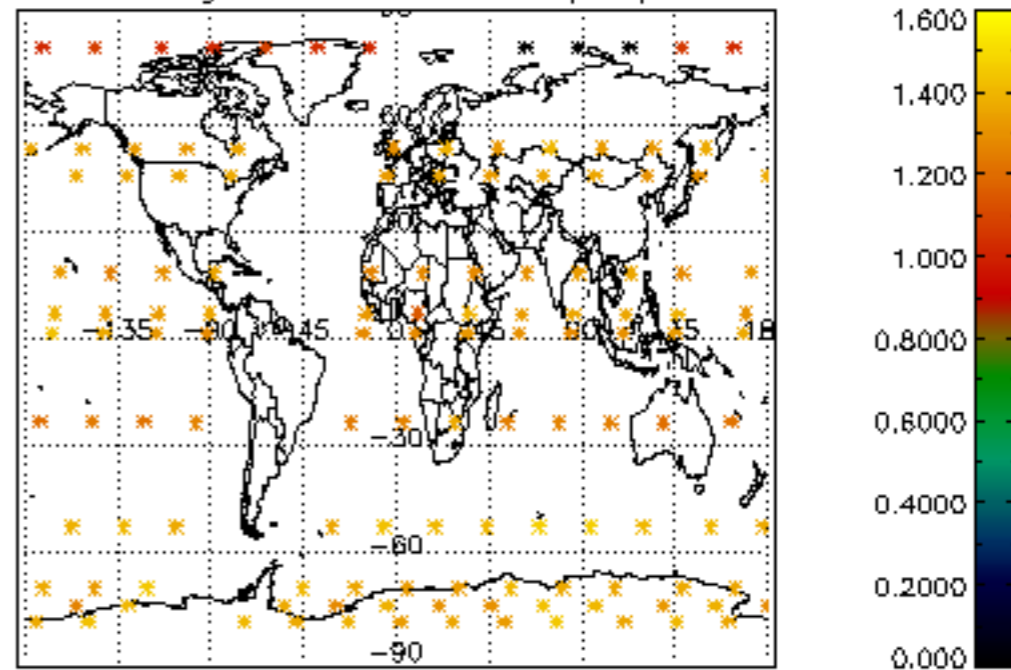




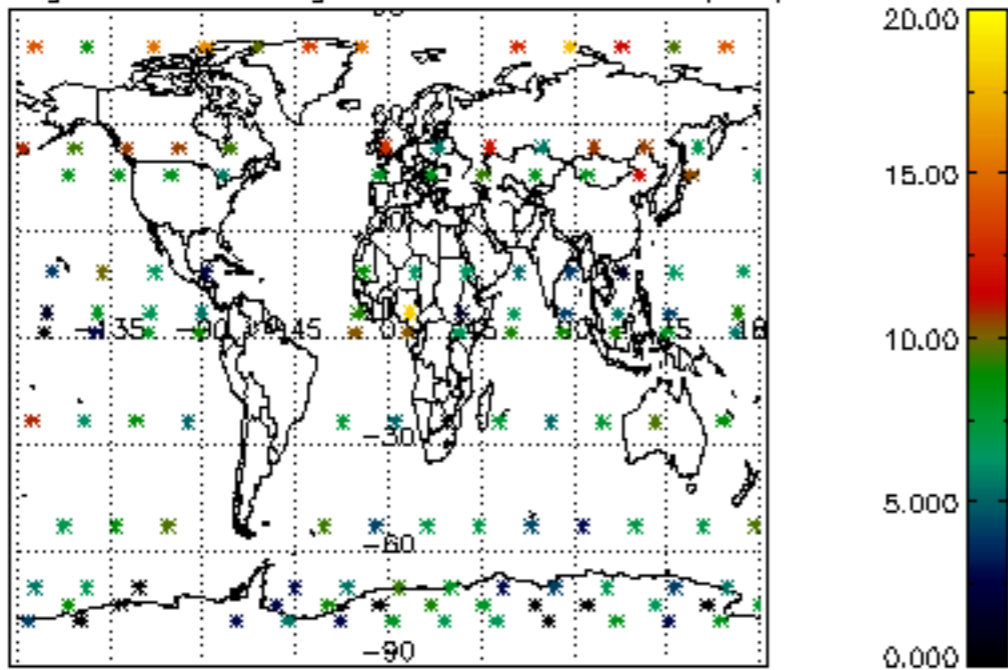
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

