

# 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 16:53:52
Data source version	GOMOS/6.01
Start time of products	02-07-2008 (02JUL2008 00:00:00)
Stop time of products	03-07-2008 (03JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	337
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__2PRFIN20080702_000144_000000372070_00016_33136_3995.N1	02-JUL-2008 00:01:44	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33136	No
2	GOM_NL__2PRFIN20080702_000555_000000322070_00016_33136_3996.N1	02-JUL-2008 00:05:55	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	33136	No
3	GOM_NL__2PRFIN20080702_001612_000000452070_00016_33136_3997.N1	02-JUL-2008 00:16:12	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	33136	No
4	GOM_NL__2PRFIN20080702_001756_000000342070_00016_33136_3998.N1	02-JUL-2008 00:17:56	Bright	34.000	175	39Del Per	3.0100	19400.	68	33136	No
5	GOM_NL__2PRFIN20080702_002005_000000452070_00016_33136_3999.N1	02-JUL-2008 00:20:05	Bright	45.000	79	26Bet Per	2.3100	13100.	90	33136	No
6	GOM_NL__2PRFIN20080702_002452_000000392070_00016_33136_4000.N1	02-JUL-2008 00:24:52	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	33136	No
7	GOM_NL__2PRFIN20080702_003136_000000462070_00016_33136_4001.N1	02-JUL-2008 00:31:36	Dark	46.000	94	92Alp Cet	2.5260	3100.0	92	33136	No
8	GOM_NL__2PRFIN20080702_003516_000000412070_00016_33136_4002.N1	02-JUL-2008 00:35:16	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	33136	No
9	GOM_NL__2PRFIN20080702_004951_000000442070_00017_33137_3995.N1	02-JUL-2008 00:49:51	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33137	No
10	GOM_NL__2PRFIN20080702_005426_000000372070_00017_33137_3996.N1	02-JUL-2008 00:54:26	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33137	No
11	GOM_NL__2PRFIN20080702_005721_000000402070_00017_33137_3997.N1	02-JUL-2008 00:57:21	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	33137	No
12	GOM_NL__2PRFIN20080702_010141_000000422070_00017_33137_3998.N1	02-JUL-2008 01:01:41	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	33137	No
13	GOM_NL__2PRFIN20080702_010652_000000382070_00017_33137_3999.N1	02-JUL-2008 01:06:52	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	33137	No
14	GOM_NL__2PRFIN20080702_010841_000000402070_00017_33137_4000.N1	02-JUL-2008 01:08:41	Twilight	39.500	40	The Sco	1.8590	7100.0	79	33137	No
15	GOM_NL__2PRFIN20080702_011021_000000412070_00017_33137_4001.N1	02-JUL-2008 01:10:21	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	33137	No
16	GOM_NL__2PRFIN20080702_011146_000000532070_00017_33137_4002.N1	02-JUL-2008 01:11:46	Bright	53.000	116	19Del Sgr	2.7000	4100.0	106	33137	No
17	GOM_NL__2PRFIN20080702_011632_000000372070_00017_33137_4003.N1	02-JUL-2008 01:16:32	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33137	No
18	GOM_NL__2PRFIN20080702_012208_000000372070_00017_33137_4004.N1	02-JUL-2008 01:22:08	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33137	No
19	GOM_NL__2PRFIN20080702_012427_000000362070_00017_33137_4005.N1	02-JUL-2008 01:24:27	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33137	No
20	GOM_NL__2PRFIN20080702_012713_000000362070_00017_33137_4006.N1	02-JUL-2008 01:27:13	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33137	No
21	GOM_NL__2PRFIN20080702_012955_000000372070_00017_33137_4007.N1	02-JUL-2008 01:29:55	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33137	No
22	GOM_NL__2PRFIN20080702_013552_000000342070_00017_33137_4008.N1	02-JUL-2008 01:35:52	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	33137	No
23	GOM_NL__2PRFIN20080702_013819_000000372070_00017_33137_4009.N1	02-JUL-2008 01:38:19	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33137	No
24	GOM_NL__2PRFIN20080702_014220_000000352070_00017_33137_4010.N1	02-JUL-2008 01:42:20	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33137	No
25	GOM_NL__2PRFIN20080702_014631_000000352070_00017_33137_4011.N1	02-JUL-2008 01:46:31	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33137	No
26	GOM_NL__2PRFIN20080702_015647_000000362070_00017_33137_4012.N1	02-JUL-2008 01:56:47	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	33137	No
27	GOM_NL__2PRFIN20080702_015832_000000332070_00017_33137_4013.N1	02-JUL-2008 01:58:32	Bright	33.000	175	39Del Per	3.0100	19400.	66	33137	No
28	GOM_NL__2PRFIN20080702_020041_000000392070_00017_33137_4014.N1	02-JUL-2008 02:00:41	Bright	38.500	79	26Bet Per	2.3100	13100.	77	33137	No
29	GOM_NL__2PRFIN20080702_020528_000000372070_00017_33137_4015.N1	02-JUL-2008 02:05:28	Twilight	36.500	146	25Eta Tau	2.8730	15200.	73	33137	No
30	GOM_NL__2PRFIN20080702_021212_000000522070_00017_33137_4016.N1	02-JUL-2008 02:12:12	Dark	51.500	94	92Alp Cet	2.5260	3100.0	103	33137	No
31	GOM_NL__2PRFIN20080702_021552_000000402070_00017_33137_4017.N1	02-JUL-2008 02:15:52	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	33137	No
32	GOM_NL__2PRFIN20080702_023028_000000412070_00018_33138_4009.N1	02-JUL-2008 02:30:28	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33138	No
33	GOM_NL__2PRFIN20080702_023502_000000372070_00018_33138_4010.N1	02-JUL-2008 02:35:02	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33138	No
34	GOM_NL__2PRFIN20080702_023757_000000432070_00018_33138_4011.N1	02-JUL-2008 02:37:57	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33138	No
35	GOM_NL__2PRFIN20080702_024217_000000412070_00018_33138_4012.N1	02-JUL-2008 02:42:17	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33138	No
36	GOM_NL__2PRFIN20080702_024728_000000392070_00018_33138_4013.N1	02-JUL-2008 02:47:28	Twilight	38.500	147	Alp Ara	2.8770	26000.	77	33138	No
37	GOM_NL__2PRFIN20080702_024917_000000422070_00018_33138_4014.N1	02-JUL-2008 02:49:17	Twilight	41.500	40	The Sco	1.8590	7100.0	83	33138	No
38	GOM_NL__2PRFIN20080702_025057_000000412070_00018_33138_4015.N1	02-JUL-2008 02:50:57	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	33138	No
39	GOM_NL__2PRFIN20080702_025222_000000542070_00018_33138_4016.N1	02-JUL-2008 02:52:22	Bright	53.500	116	19Del Sgr	2.7000	4100.0	107	33138	No
40	GOM_NL__2PRFIN20080702_025708_000000372070_00018_33138_4017.N1	02-JUL-2008 02:57:08	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33138	No
41	GOM_NL__2PRFIN20080702_030244_000000372070_00018_33138_4018.N1	02-JUL-2008 03:02:44	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33138	No
42	GOM_NL__2PRFIN20080702_030503_000000372070_00018_33138_4019.N1	02-JUL-2008 03:05:03	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33138	No

43	GOM_NL__2PRFIN20080702_030749_000000352070_00018_33138_4020.N1	02-JUL-2008 03:07:49	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33138	No
44	GOM_NL__2PRFIN20080702_031031_000000352070_00018_33138_4021.N1	02-JUL-2008 03:10:31	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33138	No
45	GOM_NL__2PRFIN20080702_031628_000000342070_00018_33138_4022.N1	02-JUL-2008 03:16:28	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	33138	No
46	GOM_NL__2PRFIN20080702_031855_000000332070_00018_33138_4023.N1	02-JUL-2008 03:18:55	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	33138	No
47	GOM_NL__2PRFIN20080702_032256_000000332070_00018_33138_4024.N1	02-JUL-2008 03:22:56	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	33138	No
48	GOM_NL__2PRFIN20080702_032707_000000352070_00018_33138_4025.N1	02-JUL-2008 03:27:07	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33138	No
49	GOM_NL__2PRFIN20080702_033723_000000562070_00018_33138_4026.N1	02-JUL-2008 03:37:23	Bright	56.000	160	23Gam Per	2.9300	4700.0	112	33138	No
50	GOM_NL__2PRFIN20080702_034117_000000402070_00018_33138_4027.N1	02-JUL-2008 03:41:17	Bright	39.500	79	26Bet Per	2.3100	13100.	79	33138	No
51	GOM_NL__2PRFIN20080702_034604_000000382070_00018_33138_4028.N1	02-JUL-2008 03:46:04	Twilight	37.500	146	25Eta Tau	2.8730	15200.	75	33138	No
52	GOM_NL__2PRFIN20080702_035248_000000562070_00018_33138_4029.N1	02-JUL-2008 03:52:48	Dark	55.500	94	92Alp Cet	2.5260	3100.0	111	33138	No
53	GOM_NL__2PRFIN20080702_035628_000000382070_00018_33138_4030.N1	02-JUL-2008 03:56:28	Dark	38.000	165	34Gam Eri	2.9500	3200.0	76	33138	No
54	GOM_NL__2PRFIN20080702_040456_000000392070_00018_33138_4031.N1	02-JUL-2008 04:04:56	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33138	No
55	GOM_NL__2PRFIN20080702_041104_000000452070_00019_33139_4023.N1	02-JUL-2008 04:11:04	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33139	No
56	GOM_NL__2PRFIN20080702_041538_000000382070_00019_33139_4024.N1	02-JUL-2008 04:15:38	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33139	No
57	GOM_NL__2PRFIN20080702_041834_000000422070_00019_33139_4025.N1	02-JUL-2008 04:18:34	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33139	No
58	GOM_NL__2PRFIN20080702_042254_000000412070_00019_33139_4026.N1	02-JUL-2008 04:22:54	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33139	No
59	GOM_NL__2PRFIN20080702_042805_000000362070_00019_33139_4027.N1	02-JUL-2008 04:28:05	Twi_and_stray	36.000	147	Alp Ara	2.8770	26000.	72	33139	No
60	GOM_NL__2PRFIN20080702_042953_000000422070_00019_33139_4028.N1	02-JUL-2008 04:29:53	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33139	No
61	GOM_NL__2PRFIN20080702_043133_000000422070_00019_33139_4029.N1	02-JUL-2008 04:31:33	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	33139	No
62	GOM_NL__2PRFIN20080702_043258_000000552070_00019_33139_4030.N1	02-JUL-2008 04:32:58	Bright	55.000	116	19Del Sgr	2.7000	4100.0	110	33139	No
63	GOM_NL__2PRFIN20080702_043744_000000372070_00019_33139_4031.N1	02-JUL-2008 04:37:44	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33139	No
64	GOM_NL__2PRFIN20080702_044320_000000372070_00019_33139_4032.N1	02-JUL-2008 04:43:20	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33139	No
65	GOM_NL__2PRFIN20080702_044539_000000372070_00019_33139_4033.N1	02-JUL-2008 04:45:39	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33139	No
66	GOM_NL__2PRFIN20080702_044825_000000362070_00019_33139_4034.N1	02-JUL-2008 04:48:25	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33139	No
67	GOM_NL__2PRFIN20080702_045107_000000362070_00019_33139_4035.N1	02-JUL-2008 04:51:07	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33139	No
68	GOM_NL__2PRFIN20080702_045704_000000382070_00019_33139_4036.N1	02-JUL-2008 04:57:04	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33139	No
69	GOM_NL__2PRFIN20080702_045931_000000342070_00019_33139_4037.N1	02-JUL-2008 04:59:31	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	33139	No
70	GOM_NL__2PRFIN20080702_050332_000000362070_00019_33139_4038.N1	02-JUL-2008 05:03:32	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33139	No
71	GOM_NL__2PRFIN20080702_050743_000000342070_00019_33139_4039.N1	02-JUL-2008 05:07:43	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33139	No
72	GOM_NL__2PRFIN20080702_051759_000000362070_00019_33139_4040.N1	02-JUL-2008 05:17:59	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	33139	No
73	GOM_NL__2PRFIN20080702_051944_000000362070_00019_33139_4041.N1	02-JUL-2008 05:19:44	Bright	35.500	175	39Del Per	3.0100	19400.	71	33139	No
74	GOM_NL__2PRFIN20080702_052153_000000392070_00019_33139_4042.N1	02-JUL-2008 05:21:53	Bright	38.500	79	26Bet Per	2.3100	13100.	77	33139	No
75	GOM_NL__2PRFIN20080702_052640_000000402070_00019_33139_4043.N1	02-JUL-2008 05:26:40	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33139	No
76	GOM_NL__2PRFIN20080702_053325_000000522070_00019_33139_4044.N1	02-JUL-2008 05:33:25	Dark	51.500	94	92Alp Cet	2.5260	3100.0	103	33139	No
77	GOM_NL__2PRFIN20080702_053705_000000442070_00019_33139_4045.N1	02-JUL-2008 05:37:05	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33139	No
78	GOM_NL__2PRFIN20080702_054532_000000422070_00019_33139_4046.N1	02-JUL-2008 05:45:32	Dark	42.000	157	The1Eri	2.9060	9300.0	84	33139	No
79	GOM_NL__2PRFIN20080702_055141_000000392070_00020_33140_4038.N1	02-JUL-2008 05:51:41	Dark	39.000	9	Alp Eri	0.45300	24000.	78	33140	No
80	GOM_NL__2PRFIN20080702_055615_000000372070_00020_33140_4039.N1	02-JUL-2008 05:56:15	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33140	No
81	GOM_NL__2PRFIN20080702_055911_000000422070_00020_33140_4040.N1	02-JUL-2008 05:59:11	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33140	No
82	GOM_NL__2PRFIN20080702_060330_000000402070_00020_33140_4041.N1	02-JUL-2008 06:03:30	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33140	No
83	GOM_NL__2PRFIN20080702_060841_000000372070_00020_33140_4042.N1	02-JUL-2008 06:08:41	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33140	No
84	GOM_NL__2PRFIN20080702_061029_000000422070_00020_33140_4043.N1	02-JUL-2008 06:10:29	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33140	No
85	GOM_NL__2PRFIN20080702_061209_000000382070_00020_33140_4044.N1	02-JUL-2008 06:12:09	Twi_and_stray	37.500	25	35Lam Sco	1.6200	28000.	75	33140	No
86	GOM_NL__2PRFIN20080702_061335_000000452070_00020_33140_4045.N1	02-JUL-2008 06:13:35	Bright	45.000	116	19Del Sgr	2.7000	4100.0	90	33140	No
87	GOM_NL__2PRFIN20080702_061820_000000362070_00020_33140_4046.N1	02-JUL-2008 06:18:20	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33140	No
88	GOM_NL__2PRFIN20080702_062356_000000372070_00020_33140_4047.N1	02-JUL-2008 06:23:56	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33140	No
89	GOM_NL__2PRFIN20080702_062615_000000392070_00020_33140_4048.N1	02-JUL-2008 06:26:15	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	33140	No
90	GOM_NL__2PRFIN20080702_062901_000000372070_00020_33140_4049.N1	02-JUL-2008 06:29:01	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33140	No
91	GOM_NL__2PRFIN20080702_063144_000000352070_00020_33140_4050.N1	02-JUL-2008 06:31:44	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33140	No
92	GOM_NL__2PRFIN20080702_063739_000000382070_00020_33140_4051.N1	02-JUL-2008 06:37:39	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33140	No
93	GOM_NL__2PRFIN20080702_064007_000000362070_00020_33140_4052.N1	02-JUL-2008 06:40:07	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33140	No
94	GOM_NL__2PRFIN20080702_064408_000000372070_00020_33140_4053.N1	02-JUL-2008 06:44:08	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33140	No
95	GOM_NL__2PRFIN20080702_064819_000000362070_00020_33140_4054.N1	02-JUL-2008 06:48:19	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33140	No
96	GOM_NL__2PRFIN20080702_065835_000000412070_00020_33140_4055.N1	02-JUL-2008 06:58:35	Bright	40.500	160	23Gam Per	2.9300	4700.0	81	33140	No
97	GOM_NL__2PRFIN20080702_070020_000000542070_00020_33140_4056.N1	02-JUL-2008 07:00:20	Bright	54.000	175	39Del Per	3.0100	19400.	108	33140	No
98	GOM_NL__2PRFIN20080702_070717_000000402070_00020_33140_4057.N1	02-JUL-2008 07:07:17	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33140	No
99	GOM_NL__2PRFIN20080702_071401_000000512070_00020_33140_4058.N1	02-JUL-2008 07:14:01	Dark	50.500	94	92Alp Cet	2.5260	3100.0	101	33140	No
100	GOM_NL__2PRFIN20080702_071741_000000422070_00020_33140_4059.N1	02-JUL-2008 07:17:41	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33140	No
101	GOM_NL__2PRFIN20080702_072609_000000392070_00020_33140_4060.N1	02-JUL-2008 07:26:09	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33140	No

102	GOM_NL__2PRFIN20080702_073217_000000512070_00021_33141_4061.N1	02-JUL-2008 07:32:17	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33141	No
103	GOM_NL__2PRFIN20080702_073651_000000362070_00021_33141_4062.N1	02-JUL-2008 07:36:51	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33141	No
104	GOM_NL__2PRFIN20080702_073947_000000412070_00021_33141_4063.N1	02-JUL-2008 07:39:47	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33141	No
105	GOM_NL__2PRFIN20080702_074406_000000422070_00021_33141_4064.N1	02-JUL-2008 07:44:06	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	33141	No
106	GOM_NL__2PRFIN20080702_074917_000000372070_00021_33141_4065.N1	02-JUL-2008 07:49:17	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33141	No
107	GOM_NL__2PRFIN20080702_075106_000000402070_00021_33141_4066.N1	02-JUL-2008 07:51:06	Twi_and_stray	40.000	40	The Sco	1.8590	7100.0	80	33141	No
108	GOM_NL__2PRFIN20080702_075245_000000412070_00021_33141_4067.N1	02-JUL-2008 07:52:45	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33141	No
109	GOM_NL__2PRFIN20080702_075411_000000462070_00021_33141_4068.N1	02-JUL-2008 07:54:11	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	33141	No
110	GOM_NL__2PRFIN20080702_075856_000000372070_00021_33141_4069.N1	02-JUL-2008 07:58:56	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33141	No
111	GOM_NL__2PRFIN20080702_080432_000000372070_00021_33141_4070.N1	02-JUL-2008 08:04:32	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33141	No
112	GOM_NL__2PRFIN20080702_080651_000000372070_00021_33141_4071.N1	02-JUL-2008 08:06:51	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33141	No
113	GOM_NL__2PRFIN20080702_080937_000000382070_00021_33141_4072.N1	02-JUL-2008 08:09:37	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	33141	No
114	GOM_NL__2PRFIN20080702_081220_000000362070_00021_33141_4073.N1	02-JUL-2008 08:12:20	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33141	No
115	GOM_NL__2PRFIN20080702_081815_000000372070_00021_33141_4074.N1	02-JUL-2008 08:18:15	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33141	No
116	GOM_NL__2PRFIN20080702_082043_000000362070_00021_33141_4075.N1	02-JUL-2008 08:20:43	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33141	No
117	GOM_NL__2PRFIN20080702_082444_000000382070_00021_33141_4076.N1	02-JUL-2008 08:24:44	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	33141	No
118	GOM_NL__2PRFIN20080702_082855_000000332070_00021_33141_4077.N1	02-JUL-2008 08:28:55	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33141	No
119	GOM_NL__2PRFIN20080702_083911_000000412070_00021_33141_4078.N1	02-JUL-2008 08:39:11	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	33141	No
120	GOM_NL__2PRFIN20080702_084056_000000342070_00021_33141_4079.N1	02-JUL-2008 08:40:56	Bright	34.000	175	39Del Per	3.0100	19400.	68	33141	No
121	GOM_NL__2PRFIN20080702_084753_000000372070_00021_33141_4080.N1	02-JUL-2008 08:47:53	Twilight	37.000	146	25Eta Tau	2.8730	15200.	74	33141	No
122	GOM_NL__2PRFIN20080702_085437_000000502070_00021_33141_4081.N1	02-JUL-2008 08:54:37	Dark	50.000	94	92Alp Cet	2.5260	3100.0	100	33141	No
123	GOM_NL__2PRFIN20080702_085817_000000452070_00021_33141_4082.N1	02-JUL-2008 08:58:17	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	33141	No
124	GOM_NL__2PRFIN20080702_090645_000000382070_00021_33141_4083.N1	02-JUL-2008 09:06:45	Dark	37.500	157	The1Eri	2.9060	9300.0	75	33141	No
125	GOM_NL__2PRFIN20080702_091254_000000522070_00022_33142_4076.N1	02-JUL-2008 09:12:54	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33142	No
126	GOM_NL__2PRFIN20080702_091727_000000392070_00022_33142_4077.N1	02-JUL-2008 09:17:27	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	33142	No
127	GOM_NL__2PRFIN20080702_092024_000000412070_00022_33142_4078.N1	02-JUL-2008 09:20:24	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33142	No
128	GOM_NL__2PRFIN20080702_092443_000000412070_00022_33142_4079.N1	02-JUL-2008 09:24:43	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33142	No
129	GOM_NL__2PRFIN20080702_092953_000000382070_00022_33142_4080.N1	02-JUL-2008 09:29:53	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33142	No
130	GOM_NL__2PRFIN20080702_093142_000000392070_00022_33142_4081.N1	02-JUL-2008 09:31:42	Twi_and_stray	38.500	40	The Sco	1.8590	7100.0	77	33142	No
131	GOM_NL__2PRFIN20080702_093321_000000412070_00022_33142_4082.N1	02-JUL-2008 09:33:21	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33142	No
132	GOM_NL__2PRFIN20080702_093447_000000492070_00022_33142_4083.N1	02-JUL-2008 09:34:47	Bright	49.000	116	19Del Sgr	2.7000	4100.0	98	33142	No
133	GOM_NL__2PRFIN20080702_093932_000000362070_00022_33142_4084.N1	02-JUL-2008 09:39:32	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33142	No
134	GOM_NL__2PRFIN20080702_094507_000000372070_00022_33142_4085.N1	02-JUL-2008 09:45:07	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33142	No
135	GOM_NL__2PRFIN20080702_094727_000000372070_00022_33142_4086.N1	02-JUL-2008 09:47:27	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33142	No
136	GOM_NL__2PRFIN20080702_095013_000000352070_00022_33142_4087.N1	02-JUL-2008 09:50:13	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33142	No
137	GOM_NL__2PRFIN20080702_095256_000000382070_00022_33142_4088.N1	02-JUL-2008 09:52:56	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	33142	No
138	GOM_NL__2PRFIN20080702_095851_000000382070_00022_33142_4089.N1	02-JUL-2008 09:58:51	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33142	No
139	GOM_NL__2PRFIN20080702_100119_000000362070_00022_33142_4090.N1	02-JUL-2008 10:01:19	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33142	No
140	GOM_NL__2PRFIN20080702_100521_000000352070_00022_33142_4091.N1	02-JUL-2008 10:05:21	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33142	No
141	GOM_NL__2PRFIN20080702_100931_000000372070_00022_33142_4092.N1	02-JUL-2008 10:09:31	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33142	No
142	GOM_NL__2PRFIN20080702_101947_000000432070_00022_33142_4093.N1	02-JUL-2008 10:19:47	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	33142	No
143	GOM_NL__2PRFIN20080702_102132_000000352070_00022_33142_4094.N1	02-JUL-2008 10:21:32	Bright	34.500	175	39Del Per	3.0100	19400.	69	33142	No
144	GOM_NL__2PRFIN20080702_102829_000000392070_00022_33142_4095.N1	02-JUL-2008 10:28:29	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	33142	No
145	GOM_NL__2PRFIN20080702_103514_000000482070_00022_33142_4096.N1	02-JUL-2008 10:35:14	Dark	47.500	94	92Alp Cet	2.5260	3100.0	95	33142	No
146	GOM_NL__2PRFIN20080702_103853_000000442070_00022_33142_4097.N1	02-JUL-2008 10:38:53	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	33142	No
147	GOM_NL__2PRFIN20080702_104721_000000382070_00022_33142_4098.N1	02-JUL-2008 10:47:21	Dark	37.500	157	The1Eri	2.9060	9300.0	75	33142	No
148	GOM_NL__2PRFIN20080702_105330_000000522070_00023_33143_4089.N1	02-JUL-2008 10:53:30	Dark	51.500	9	Alp Eri	0.45300	24000.	103	33143	No
149	GOM_NL__2PRFIN20080702_105803_000000392070_00023_33143_4090.N1	02-JUL-2008 10:58:03	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	33143	No
150	GOM_NL__2PRFIN20080702_110100_000000442070_00023_33143_4091.N1	02-JUL-2008 11:01:00	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	33143	No
151	GOM_NL__2PRFIN20080702_110519_000000422070_00023_33143_4092.N1	02-JUL-2008 11:05:19	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	33143	No
152	GOM_NL__2PRFIN20080702_111029_000000382070_00023_33143_4093.N1	02-JUL-2008 11:10:29	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33143	No
153	GOM_NL__2PRFIN20080702_111218_000000412070_00023_33143_4094.N1	02-JUL-2008 11:12:18	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33143	No
154	GOM_NL__2PRFIN20080702_111357_000000402070_00023_33143_4095.N1	02-JUL-2008 11:13:57	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33143	No
155	GOM_NL__2PRFIN20080702_111523_000000552070_00023_33143_4096.N1	02-JUL-2008 11:15:23	Bright	55.000	116	19Del Sgr	2.7000	4100.0	110	33143	No
156	GOM_NL__2PRFIN20080702_112008_000000362070_00023_33143_4097.N1	02-JUL-2008 11:20:08	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33143	No
157	GOM_NL__2PRFIN20080702_112543_000000372070_00023_33143_4098.N1	02-JUL-2008 11:25:43	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33143	No
158	GOM_NL__2PRFIN20080702_112802_000000372070_00023_33143_4099.N1	02-JUL-2008 11:28:02	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33143	No
159	GOM_NL__2PRFIN20080702_113049_000000372070_00023_33143_4100.N1	02-JUL-2008 11:30:49	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33143	No
160	GOM_NL__2PRFIN20080702_113331_000000362070_00023_33143_4101.N1	02-JUL-2008 11:33:31	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33143	No



161	GOM_NL__2PRFIN20080702_113927_000000382070_00023_33143_4102.N1	02-JUL-2008 11:39:27	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33143	No
162	GOM_NL__2PRFIN20080702_114155_000000362070_00023_33143_4103.N1	02-JUL-2008 11:41:55	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33143	No
163	GOM_NL__2PRFIN20080702_114556_000000362070_00023_33143_4104.N1	02-JUL-2008 11:45:56	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33143	No
164	GOM_NL__2PRFIN20080702_120023_000000562070_00023_33143_4105.N1	02-JUL-2008 12:00:23	Bright	56.000	160	23Gam Per	2.9300	4700.0	112	33143	No
165	GOM_NL__2PRFIN20080702_120208_000000362070_00023_33143_4106.N1	02-JUL-2008 12:02:08	Bright	35.500	175	39Del Per	3.0100	19400.	71	33143	No
166	GOM_NL__2PRFIN20080702_120905_000000402070_00023_33143_4107.N1	02-JUL-2008 12:09:05	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33143	No
167	GOM_NL__2PRFIN20080702_121550_000000572070_00023_33143_4108.N1	02-JUL-2008 12:15:50	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	33143	No
168	GOM_NL__2PRFIN20080702_121930_000000442070_00023_33143_4109.N1	02-JUL-2008 12:19:30	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33143	No
169	GOM_NL__2PRFIN20080702_122758_000000402070_00023_33143_4110.N1	02-JUL-2008 12:27:58	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33143	No
170	GOM_NL__2PRFIN20080702_123406_000000472070_00024_33144_4102.N1	02-JUL-2008 12:34:06	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33144	No
171	GOM_NL__2PRFIN20080702_123839_000000392070_00024_33144_4103.N1	02-JUL-2008 12:38:39	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	33144	No
172	GOM_NL__2PRFIN20080702_124136_000000412070_00024_33144_4104.N1	02-JUL-2008 12:41:36	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33144	No
173	GOM_NL__2PRFIN20080702_124555_000000412070_00024_33144_4105.N1	02-JUL-2008 12:45:55	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33144	No
174	GOM_NL__2PRFIN20080702_125105_000000382070_00024_33144_4106.N1	02-JUL-2008 12:51:05	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33144	No
175	GOM_NL__2PRFIN20080702_125254_000000422070_00024_33144_4107.N1	02-JUL-2008 12:52:54	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33144	No
176	GOM_NL__2PRFIN20080702_125433_000000402070_00024_33144_4108.N1	02-JUL-2008 12:54:33	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33144	No
177	GOM_NL__2PRFIN20080702_125559_000000482070_00024_33144_4109.N1	02-JUL-2008 12:55:59	Bright	47.500	116	19Del Sgr	2.7000	4100.0	95	33144	No
178	GOM_NL__2PRFIN20080702_130044_000000372070_00024_33144_4110.N1	02-JUL-2008 13:00:44	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33144	No
179	GOM_NL__2PRFIN20080702_130619_000000372070_00024_33144_4111.N1	02-JUL-2008 13:06:19	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33144	No
180	GOM_NL__2PRFIN20080702_130838_000000362070_00024_33144_4112.N1	02-JUL-2008 13:08:38	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33144	No
181	GOM_NL__2PRFIN20080702_131125_000000352070_00024_33144_4113.N1	02-JUL-2008 13:11:25	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33144	No
182	GOM_NL__2PRFIN20080702_131407_000000362070_00024_33144_4114.N1	02-JUL-2008 13:14:07	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33144	No
183	GOM_NL__2PRFIN20080702_132002_000000392070_00024_33144_4115.N1	02-JUL-2008 13:20:02	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33144	No
184	GOM_NL__2PRFIN20080702_132231_000000372070_00024_33144_4116.N1	02-JUL-2008 13:22:31	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	33144	No
185	GOM_NL__2PRFIN20080702_132633_000000382070_00024_33144_4117.N1	02-JUL-2008 13:26:33	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33144	No
186	GOM_NL__2PRFIN20080702_133042_000000372070_00024_33144_4118.N1	02-JUL-2008 13:30:42	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33144	No
187	GOM_NL__2PRFIN20080702_134059_000000492070_00024_33144_4119.N1	02-JUL-2008 13:40:59	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	33144	No
188	GOM_NL__2PRFIN20080702_134244_000000342070_00024_33144_4120.N1	02-JUL-2008 13:42:44	Bright	33.500	175	39Del Per	3.0100	19400.	67	33144	No
189	GOM_NL__2PRFIN20080702_134453_000000402070_00024_33144_4121.N1	02-JUL-2008 13:44:53	Bright	40.000	79	26Bet Per	2.3100	13100.	80	33144	No
190	GOM_NL__2PRFIN20080702_134941_000000402070_00024_33144_4122.N1	02-JUL-2008 13:49:41	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33144	No
191	GOM_NL__2PRFIN20080702_135626_000000492070_00024_33144_4123.N1	02-JUL-2008 13:56:26	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	33144	No
192	GOM_NL__2PRFIN20080702_140006_000000412070_00024_33144_4124.N1	02-JUL-2008 14:00:06	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	33144	No
193	GOM_NL__2PRFIN20080702_140834_000000412070_00024_33144_4125.N1	02-JUL-2008 14:08:34	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33144	No
194	GOM_NL__2PRFIN20080702_141443_000000412070_00025_33145_4114.N1	02-JUL-2008 14:14:43	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33145	No
195	GOM_NL__2PRFIN20080702_141915_000000372070_00025_33145_4115.N1	02-JUL-2008 14:19:15	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33145	No
196	GOM_NL__2PRFIN20080702_142213_000000442070_00025_33145_4116.N1	02-JUL-2008 14:22:13	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	33145	No
197	GOM_NL__2PRFIN20080702_142632_000000412070_00025_33145_4117.N1	02-JUL-2008 14:26:32	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33145	No
198	GOM_NL__2PRFIN20080702_143141_000000382070_00025_33145_4118.N1	02-JUL-2008 14:31:41	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33145	No
199	GOM_NL__2PRFIN20080702_143330_000000382070_00025_33145_4119.N1	02-JUL-2008 14:33:30	Twi_and_stray	38.000	40	The Sco	1.8590	7100.0	76	33145	No
200	GOM_NL__2PRFIN20080702_143510_000000392070_00025_33145_4120.N1	02-JUL-2008 14:35:10	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	33145	No
201	GOM_NL__2PRFIN20080702_143635_000000442070_00025_33145_4121.N1	02-JUL-2008 14:36:35	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	33145	No
202	GOM_NL__2PRFIN20080702_144120_000000372070_00025_33145_4122.N1	02-JUL-2008 14:41:20	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33145	No
203	GOM_NL__2PRFIN20080702_144655_000000382070_00025_33145_4123.N1	02-JUL-2008 14:46:55	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33145	No
204	GOM_NL__2PRFIN20080702_144914_000000372070_00025_33145_4124.N1	02-JUL-2008 14:49:14	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33145	No
205	GOM_NL__2PRFIN20080702_145201_000000372070_00025_33145_4125.N1	02-JUL-2008 14:52:01	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33145	No
206	GOM_NL__2PRFIN20080702_145444_000000342070_00025_33145_4126.N1	02-JUL-2008 14:54:44	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33145	No
207	GOM_NL__2PRFIN20080702_150038_000000382070_00025_33145_4127.N1	02-JUL-2008 15:00:38	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33145	No
208	GOM_NL__2PRFIN20080702_150307_000000362070_00025_33145_4128.N1	02-JUL-2008 15:03:07	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33145	No
209	GOM_NL__2PRFIN20080702_150709_000000372070_00025_33145_4129.N1	02-JUL-2008 15:07:09	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33145	No
210	GOM_NL__2PRFIN20080702_151119_000000352070_00025_33145_4130.N1	02-JUL-2008 15:11:19	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33145	No
211	GOM_NL__2PRFIN20080702_152134_000000372070_00025_33145_4131.N1	02-JUL-2008 15:21:34	Bright	36.500	160	23Gam Per	2.9300	4700.0	73	33145	No
212	GOM_NL__2PRFIN20080702_152320_000000352070_00025_33145_4132.N1	02-JUL-2008 15:23:20	Bright	34.500	175	39Del Per	3.0100	19400.	69	33145	No
213	GOM_NL__2PRFIN20080702_152529_000000432070_00025_33145_4133.N1	02-JUL-2008 15:25:29	Bright	42.500	79	26Bet Per	2.3100	13100.	85	33145	No
214	GOM_NL__2PRFIN20080702_153017_000000422070_00025_33145_4134.N1	02-JUL-2008 15:30:17	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	33145	No
215	GOM_NL__2PRFIN20080702_153703_000000502070_00025_33145_4135.N1	02-JUL-2008 15:37:03	Dark	50.000	94	92Alp Cet	2.5260	3100.0	100	33145	No
216	GOM_NL__2PRFIN20080702_154042_000000442070_00025_33145_4136.N1	02-JUL-2008 15:40:42	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33145	No
217	GOM_NL__2PRFIN20080702_154911_000000392070_00025_33145_4137.N1	02-JUL-2008 15:49:11	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33145	No
218	GOM_NL__2PRFIN20080702_155520_000000412070_00026_33146_4130.N1	02-JUL-2008 15:55:20	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33146	No
219	GOM_NL__2PRFIN20080702_155952_000000372070_00026_33146_4131.N1	02-JUL-2008 15:59:52	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33146	No

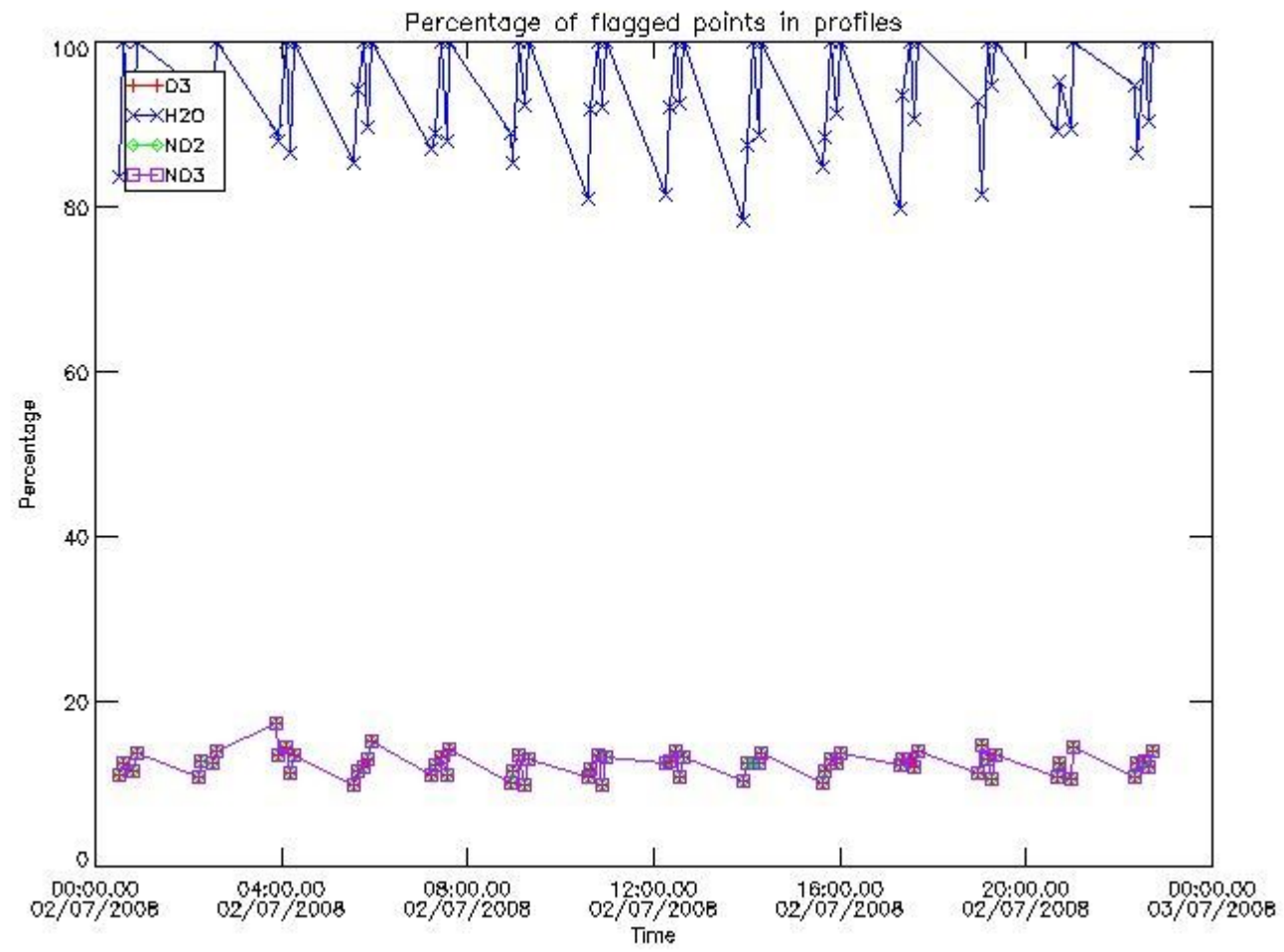
220	GOM_NL__2PRFIN20080702_160250_000000422070_00026_33146_4132.N1	02-JUL-2008 16:02:50	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33146	No
221	GOM_NL__2PRFIN20080702_160709_000000412070_00026_33146_4133.N1	02-JUL-2008 16:07:09	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33146	No
222	GOM_NL__2PRFIN20080702_161218_000000392070_00026_33146_4134.N1	02-JUL-2008 16:12:18	Twi_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	33146	No
223	GOM_NL__2PRFIN20080702_161407_000000432070_00026_33146_4135.N1	02-JUL-2008 16:14:07	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	33146	No
224	GOM_NL__2PRFIN20080702_161546_000000432070_00026_33146_4136.N1	02-JUL-2008 16:15:46	Twi_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	33146	No
225	GOM_NL__2PRFIN20080702_161712_000000462070_00026_33146_4137.N1	02-JUL-2008 16:17:12	Bright	45.500	116	19Del Sgr	2.7000	4100.0	91	33146	No
226	GOM_NL__2PRFIN20080702_161823_000000422070_00026_33146_4138.N1	02-JUL-2008 16:18:23	Bright	41.500	137	22Lam Sgr	2.8240	4400.0	83	33146	No
227	GOM_NL__2PRFIN20080702_162157_000000372070_00026_33146_4139.N1	02-JUL-2008 16:21:57	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33146	No
228	GOM_NL__2PRFIN20080702_162732_000000382070_00026_33146_4140.N1	02-JUL-2008 16:27:32	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33146	No
229	GOM_NL__2PRFIN20080702_162951_000000382070_00026_33146_4141.N1	02-JUL-2008 16:29:51	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33146	No
230	GOM_NL__2PRFIN20080702_163238_000000362070_00026_33146_4142.N1	02-JUL-2008 16:32:38	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33146	No
231	GOM_NL__2PRFIN20080702_163520_000000362070_00026_33146_4143.N1	02-JUL-2008 16:35:20	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33146	No
232	GOM_NL__2PRFIN20080702_164115_000000382070_00026_33146_4144.N1	02-JUL-2008 16:41:15	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33146	No
233	GOM_NL__2PRFIN20080702_164343_000000522070_00026_33146_4145.N1	02-JUL-2008 16:43:43	Bright	52.000	119	14Eta Dra	2.7270	4700.0	104	33146	No
234	GOM_NL__2PRFIN20080702_164745_000000342070_00026_33146_4146.N1	02-JUL-2008 16:47:45	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33146	No
235	GOM_NL__2PRFIN20080702_165155_000000342070_00026_33146_4147.N1	02-JUL-2008 16:51:55	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33146	No
236	GOM_NL__2PRFIN20080702_170211_000000372070_00026_33146_4148.N1	02-JUL-2008 17:02:11	Bright	37.000	160	23Gam Per	2.9300	4700.0	74	33146	No
237	GOM_NL__2PRFIN20080702_170356_000000342070_00026_33146_4149.N1	02-JUL-2008 17:03:56	Bright	34.000	175	39Del Per	3.0100	19400.	68	33146	No
238	GOM_NL__2PRFIN20080702_170605_000000382070_00026_33146_4150.N1	02-JUL-2008 17:06:05	Bright	38.000	79	26Bet Per	2.3100	13100.	76	33146	No
239	GOM_NL__2PRFIN20080702_171054_000000392070_00026_33146_4151.N1	02-JUL-2008 17:10:54	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	33146	No
240	GOM_NL__2PRFIN20080702_171740_000000502070_00026_33146_4152.N1	02-JUL-2008 17:17:40	Dark	50.000	94	92Alp Cet	2.5260	3100.0	100	33146	No
241	GOM_NL__2PRFIN20080702_172119_000000402070_00026_33146_4153.N1	02-JUL-2008 17:21:19	Dark	39.500	165	34Gam Eri	2.9500	3200.0	79	33146	No
242	GOM_NL__2PRFIN20080702_172947_000000402070_00026_33146_4154.N1	02-JUL-2008 17:29:47	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33146	No
243	GOM_NL__2PRFIN20080702_173556_000000432070_00027_33147_4139.N1	02-JUL-2008 17:35:56	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33147	No
244	GOM_NL__2PRFIN20080702_174028_000000372070_00027_33147_4140.N1	02-JUL-2008 17:40:28	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33147	No
245	GOM_NL__2PRFIN20080702_174327_000000422070_00027_33147_4141.N1	02-JUL-2008 17:43:27	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33147	No
246	GOM_NL__2PRFIN20080702_174745_000000412070_00027_33147_4142.N1	02-JUL-2008 17:47:45	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33147	No
247	GOM_NL__2PRFIN20080702_175254_000000362070_00027_33147_4143.N1	02-JUL-2008 17:52:54	Twi_and_stray	35.500	147	Alp Ara	2.8770	26000.	71	33147	No
248	GOM_NL__2PRFIN20080702_175443_000000422070_00027_33147_4144.N1	02-JUL-2008 17:54:43	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33147	No
249	GOM_NL__2PRFIN20080702_175622_000000412070_00027_33147_4145.N1	02-JUL-2008 17:56:22	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33147	No
250	GOM_NL__2PRFIN20080702_175748_000000542070_00027_33147_4146.N1	02-JUL-2008 17:57:48	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33147	No
251	GOM_NL__2PRFIN20080702_175900_000000412070_00027_33147_4147.N1	02-JUL-2008 17:59:00	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	33147	No
252	GOM_NL__2PRFIN20080702_180233_000000362070_00027_33147_4148.N1	02-JUL-2008 18:02:33	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33147	No
253	GOM_NL__2PRFIN20080702_180808_000000382070_00027_33147_4149.N1	02-JUL-2008 18:08:08	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33147	No
254	GOM_NL__2PRFIN20080702_181027_000000382070_00027_33147_4150.N1	02-JUL-2008 18:10:27	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33147	No
255	GOM_NL__2PRFIN20080702_181314_000000362070_00027_33147_4151.N1	02-JUL-2008 18:13:14	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33147	No
256	GOM_NL__2PRFIN20080702_181556_000000372070_00027_33147_4152.N1	02-JUL-2008 18:15:56	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33147	No
257	GOM_NL__2PRFIN20080702_182150_000000362070_00027_33147_4153.N1	02-JUL-2008 18:21:50	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	33147	No
258	GOM_NL__2PRFIN20080702_182419_000000362070_00027_33147_4154.N1	02-JUL-2008 18:24:19	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33147	No
259	GOM_NL__2PRFIN20080702_182821_000000342070_00027_33147_4155.N1	02-JUL-2008 18:28:21	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33147	No
260	GOM_NL__2PRFIN20080702_183231_000000362070_00027_33147_4156.N1	02-JUL-2008 18:32:31	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33147	No
261	GOM_NL__2PRFIN20080702_184247_000000432070_00027_33147_4157.N1	02-JUL-2008 18:42:47	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	33147	No
262	GOM_NL__2PRFIN20080702_184432_000000522070_00027_33147_4158.N1	02-JUL-2008 18:44:32	Bright	51.500	175	39Del Per	3.0100	19400.	103	33147	No
263	GOM_NL__2PRFIN20080702_184642_000000392070_00027_33147_4159.N1	02-JUL-2008 18:46:42	Bright	39.000	79	26Bet Per	2.3100	13100.	78	33147	No
264	GOM_NL__2PRFIN20080702_185130_000000402070_00027_33147_4160.N1	02-JUL-2008 18:51:30	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33147	No
265	GOM_NL__2PRFIN20080702_185816_000000502070_00027_33147_4161.N1	02-JUL-2008 18:58:16	Dark	49.500	94	92Alp Cet	2.5260	3100.0	99	33147	No
266	GOM_NL__2PRFIN20080702_190155_000000382070_00027_33147_4162.N1	02-JUL-2008 19:01:55	Dark	38.000	165	34Gam Eri	2.9500	3200.0	76	33147	No
267	GOM_NL__2PRFIN20080702_191024_000000402070_00027_33147_4163.N1	02-JUL-2008 19:10:24	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33147	No
268	GOM_NL__2PRFIN20080702_191633_000000482070_00028_33148_4161.N1	02-JUL-2008 19:16:33	Dark	48.000	9	Alp Eri	0.45300	24000.	96	33148	No
269	GOM_NL__2PRFIN20080702_192104_000000382070_00028_33148_4162.N1	02-JUL-2008 19:21:04	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33148	No
270	GOM_NL__2PRFIN20080702_192403_000000412070_00028_33148_4163.N1	02-JUL-2008 19:24:03	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33148	No
271	GOM_NL__2PRFIN20080702_192822_000000402070_00028_33148_4164.N1	02-JUL-2008 19:28:22	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33148	No
272	GOM_NL__2PRFIN20080702_193330_000000392070_00028_33148_4165.N1	02-JUL-2008 19:33:30	Twi_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	33148	No
273	GOM_NL__2PRFIN20080702_193519_000000422070_00028_33148_4166.N1	02-JUL-2008 19:35:19	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33148	No
274	GOM_NL__2PRFIN20080702_193658_000000422070_00028_33148_4167.N1	02-JUL-2008 19:36:58	Twi_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	33148	No
275	GOM_NL__2PRFIN20080702_193824_000000472070_00028_33148_4168.N1	02-JUL-2008 19:38:24	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	33148	No
276	GOM_NL__2PRFIN20080702_193936_000000412070_00028_33148_4169.N1	02-JUL-2008 19:39:36	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	33148	No
277	GOM_NL__2PRFIN20080702_194309_000000372070_00028_33148_4170.N1	02-JUL-2008 19:43:09	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33148	No
278	GOM_NL__2PRFIN20080702_194844_000000382070_00028_33148_4171.N1	02-JUL-2008 19:48:44	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33148	No

279	GOM_NL__2PRFIN20080702_195102_000000382070_00028_33148_4172.N1	02-JUL-2008 19:51:02	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33148	No
280	GOM_NL__2PRFIN20080702_195350_000000352070_00028_33148_4173.N1	02-JUL-2008 19:53:50	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33148	No
281	GOM_NL__2PRFIN20080702_195632_000000372070_00028_33148_4174.N1	02-JUL-2008 19:56:32	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33148	No
282	GOM_NL__2PRFIN20080702_200226_000000472070_00028_33148_4175.N1	02-JUL-2008 20:02:26	Bright	46.500	130	23Bet Dra	2.7990	5800.0	93	33148	No
283	GOM_NL__2PRFIN20080702_200455_000000362070_00028_33148_4176.N1	02-JUL-2008 20:04:55	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33148	No
284	GOM_NL__2PRFIN20080702_200857_000000372070_00028_33148_4177.N1	02-JUL-2008 20:08:57	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33148	No
285	GOM_NL__2PRFIN20080702_201307_000000362070_00028_33148_4178.N1	02-JUL-2008 20:13:07	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33148	No
286	GOM_NL__2PRFIN20080702_202322_000000372070_00028_33148_4179.N1	02-JUL-2008 20:23:22	Bright	36.500	160	23Gam Per	2.9300	4700.0	73	33148	No
287	GOM_NL__2PRFIN20080702_202508_000000342070_00028_33148_4180.N1	02-JUL-2008 20:25:08	Bright	34.000	175	39Del Per	3.0100	19400.	68	33148	No
288	GOM_NL__2PRFIN20080702_202717_000000282070_00028_33148_4181.N1	02-JUL-2008 20:27:17	Bright	28.000	79	26Bet Per	2.3100	13100.	56	33148	No
289	GOM_NL__2PRFIN20080702_203206_000000402070_00028_33148_4182.N1	02-JUL-2008 20:32:06	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33148	No
290	GOM_NL__2PRFIN20080702_203853_000000472070_00028_33148_4183.N1	02-JUL-2008 20:38:53	Dark	47.000	94	92Alp Cet	2.5260	3100.0	94	33148	No
291	GOM_NL__2PRFIN20080702_204231_000000412070_00028_33148_4184.N1	02-JUL-2008 20:42:31	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	33148	No
292	GOM_NL__2PRFIN20080702_205709_000000482070_00029_33149_4172.N1	02-JUL-2008 20:57:09	Dark	48.000	9	Alp Eri	0.45300	24000.	96	33149	No
293	GOM_NL__2PRFIN20080702_210140_000000362070_00029_33149_4173.N1	02-JUL-2008 21:01:40	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33149	No
294	GOM_NL__2PRFIN20080702_210440_000000422070_00029_33149_4174.N1	02-JUL-2008 21:04:40	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33149	No
295	GOM_NL__2PRFIN20080702_210858_000000412070_00029_33149_4175.N1	02-JUL-2008 21:08:58	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33149	No
296	GOM_NL__2PRFIN20080702_211406_000000372070_00029_33149_4176.N1	02-JUL-2008 21:14:06	Tw_i_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33149	No
297	GOM_NL__2PRFIN20080702_211555_000000422070_00029_33149_4177.N1	02-JUL-2008 21:15:55	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33149	No
298	GOM_NL__2PRFIN20080702_211734_000000402070_00029_33149_4178.N1	02-JUL-2008 21:17:34	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33149	No
299	GOM_NL__2PRFIN20080702_211900_000000482070_00029_33149_4179.N1	02-JUL-2008 21:19:00	Bright	47.500	116	19Del Sgr	2.7000	4100.0	95	33149	No
300	GOM_NL__2PRFIN20080702_212012_000000402070_00029_33149_4180.N1	02-JUL-2008 21:20:12	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	33149	No
301	GOM_NL__2PRFIN20080702_212345_000000372070_00029_33149_4181.N1	02-JUL-2008 21:23:45	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33149	No
302	GOM_NL__2PRFIN20080702_212919_000000372070_00029_33149_4182.N1	02-JUL-2008 21:29:19	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33149	No
303	GOM_NL__2PRFIN20080702_213138_000000372070_00029_33149_4183.N1	02-JUL-2008 21:31:38	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33149	No
304	GOM_NL__2PRFIN20080702_213426_000000372070_00029_33149_4184.N1	02-JUL-2008 21:34:26	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33149	No
305	GOM_NL__2PRFIN20080702_213708_000000362070_00029_33149_4185.N1	02-JUL-2008 21:37:08	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33149	No
306	GOM_NL__2PRFIN20080702_214302_000000392070_00029_33149_4186.N1	02-JUL-2008 21:43:02	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33149	No
307	GOM_NL__2PRFIN20080702_214531_000000372070_00029_33149_4187.N1	02-JUL-2008 21:45:31	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33149	No
308	GOM_NL__2PRFIN20080702_214933_000000372070_00029_33149_4188.N1	02-JUL-2008 21:49:33	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33149	No
309	GOM_NL__2PRFIN20080702_215343_000000362070_00029_33149_4189.N1	02-JUL-2008 21:53:43	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33149	No
310	GOM_NL__2PRFIN20080702_220358_000000532070_00029_33149_4190.N1	02-JUL-2008 22:03:58	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	33149	No
311	GOM_NL__2PRFIN20080702_220544_000000362070_00029_33149_4191.N1	02-JUL-2008 22:05:44	Bright	35.500	175	39Del Per	3.0100	19400.	71	33149	No
312	GOM_NL__2PRFIN20080702_220753_000000282070_00029_33149_4192.N1	02-JUL-2008 22:07:53	Bright	28.000	79	26Bet Per	2.3100	13100.	56	33149	No
313	GOM_NL__2PRFIN20080702_221242_000000402070_00029_33149_4193.N1	02-JUL-2008 22:12:42	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33149	No
314	GOM_NL__2PRFIN20080702_221929_000000472070_00029_33149_4194.N1	02-JUL-2008 22:19:29	Dark	47.000	94	92Alp Cet	2.5260	3100.0	94	33149	No
315	GOM_NL__2PRFIN20080702_222307_000000412070_00029_33149_4195.N1	02-JUL-2008 22:23:07	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	33149	No
316	GOM_NL__2PRFIN20080702_223136_000000402070_00029_33149_4196.N1	02-JUL-2008 22:31:36	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33149	No
317	GOM_NL__2PRFIN20080702_223746_000000422070_00030_33150_4196.N1	02-JUL-2008 22:37:46	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33150	No
318	GOM_NL__2PRFIN20080702_224217_000000372070_00030_33150_4197.N1	02-JUL-2008 22:42:17	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33150	No
319	GOM_NL__2PRFIN20080702_224516_000000392070_00030_33150_4198.N1	02-JUL-2008 22:45:16	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	33150	No
320	GOM_NL__2PRFIN20080702_224934_000000402070_00030_33150_4199.N1	02-JUL-2008 22:49:34	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33150	No
321	GOM_NL__2PRFIN20080702_225442_000000392070_00030_33150_4200.N1	02-JUL-2008 22:54:42	Tw_i_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	33150	No
322	GOM_NL__2PRFIN20080702_225631_000000402070_00030_33150_4201.N1	02-JUL-2008 22:56:31	Tw_i_and_stray	40.000	40	The Sco	1.8590	7100.0	80	33150	No
323	GOM_NL__2PRFIN20080702_225811_000000422070_00030_33150_4202.N1	02-JUL-2008 22:58:11	Tw_i_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	33150	No
324	GOM_NL__2PRFIN20080702_225936_000000452070_00030_33150_4203.N1	02-JUL-2008 22:59:36	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	33150	No
325	GOM_NL__2PRFIN20080702_230048_000000552070_00030_33150_4204.N1	02-JUL-2008 23:00:48	Bright	55.000	137	22Lam Sgr	2.8240	4400.0	110	33150	No
326	GOM_NL__2PRFIN20080702_230421_000000522070_00030_33150_4205.N1	02-JUL-2008 23:04:21	Bright	52.000	86	35Eta Oph	2.4300	10200.	104	33150	No
327	GOM_NL__2PRFIN20080702_230955_000000372070_00030_33150_4206.N1	02-JUL-2008 23:09:55	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33150	No
328	GOM_NL__2PRFIN20080702_231214_000000382070_00030_33150_4207.N1	02-JUL-2008 23:12:14	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33150	No
329	GOM_NL__2PRFIN20080702_231502_000000352070_00030_33150_4208.N1	02-JUL-2008 23:15:02	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33150	No
330	GOM_NL__2PRFIN20080702_231744_000000352070_00030_33150_4209.N1	02-JUL-2008 23:17:44	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33150	No
331	GOM_NL__2PRFIN20080702_232338_000000372070_00030_33150_4210.N1	02-JUL-2008 23:23:38	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33150	No
332	GOM_NL__2PRFIN20080702_232607_000000322070_00030_33150_4211.N1	02-JUL-2008 23:26:07	Bright	32.000	119	14Eta Dra	2.7270	4700.0	64	33150	No
333	GOM_NL__2PRFIN20080702_233010_000000382070_00030_33150_4212.N1	02-JUL-2008 23:30:10	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	33150	No
334	GOM_NL__2PRFIN20080702_233418_000000362070_00030_33150_4213.N1	02-JUL-2008 23:34:18	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33150	No
335	GOM_NL__2PRFIN20080702_234434_000000362070_00030_33150_4214.N1	02-JUL-2008 23:44:34	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	33150	No
336	GOM_NL__2PRFIN20080702_234620_000000342070_00030_33150_4215.N1	02-JUL-2008 23:46:20	Bright	34.000	175	39Del Per	3.0100	19400.	68	33150	No
337	GOM_NL__2PRFIN20080702_235318_000000402070_00030_33150_4216.N1	02-JUL-2008 23:53:18	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33150	No

### 3. Quality information per product

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

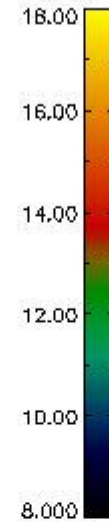
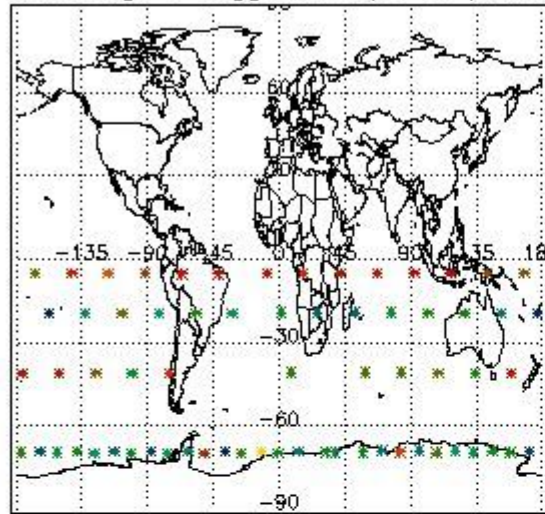
#### 3.1 Plot quality information per product (time dependant)



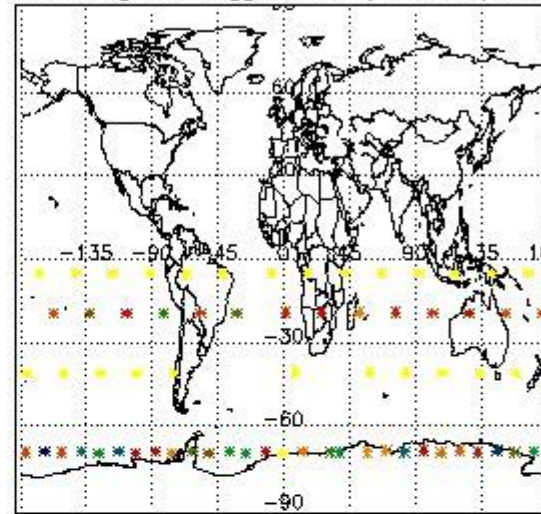
#### 3.2 Plot quality information per product (world map)



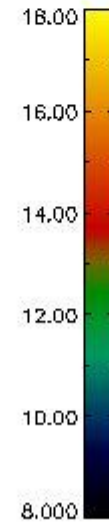
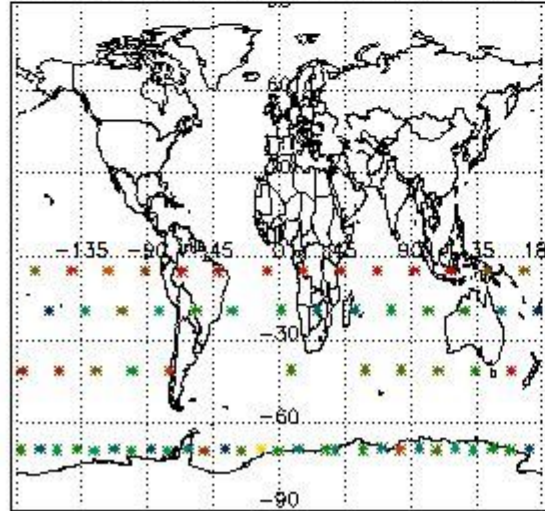
Percentage of flagged data per O3 profile



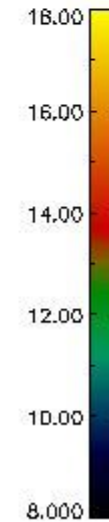
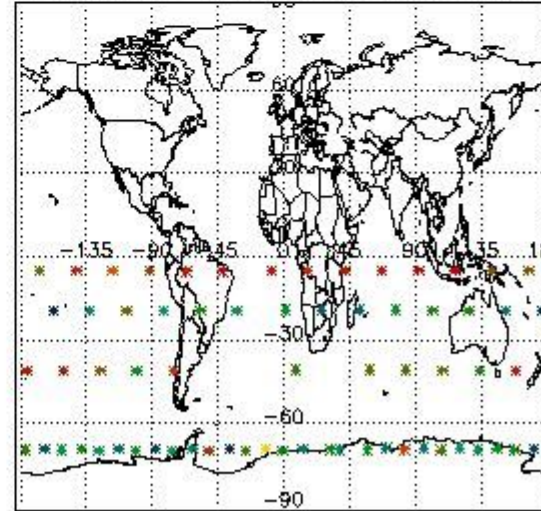
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

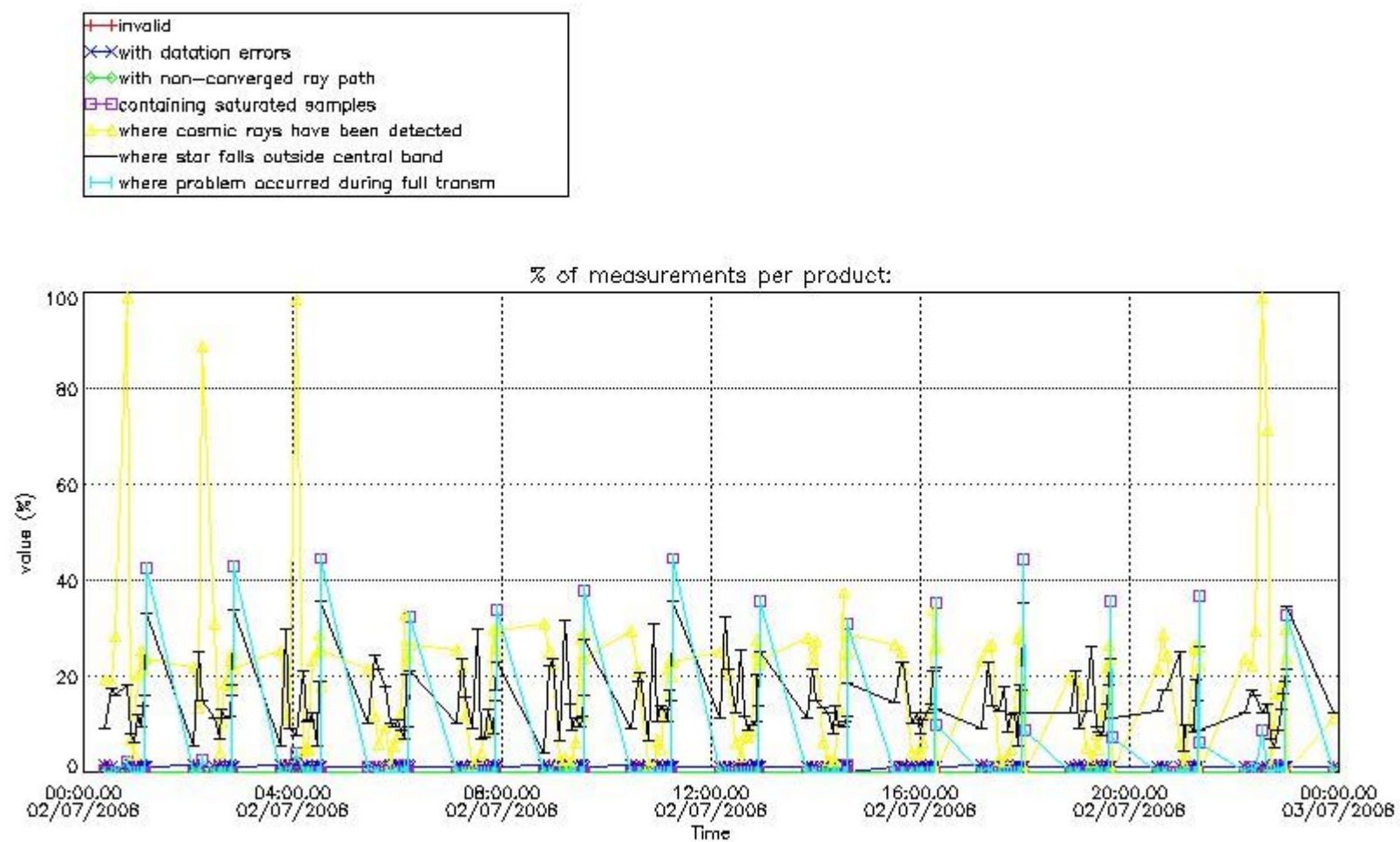


#### 4. Level 1 quality information per product

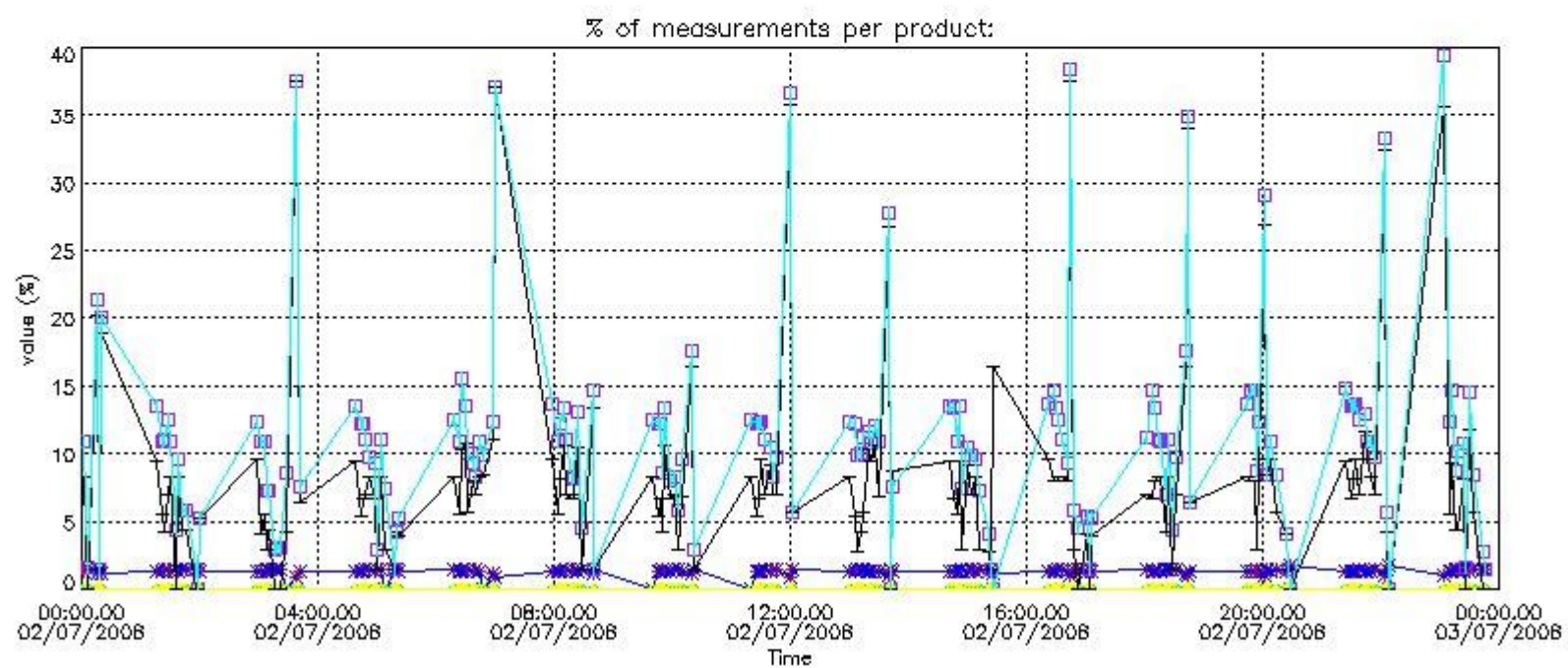
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



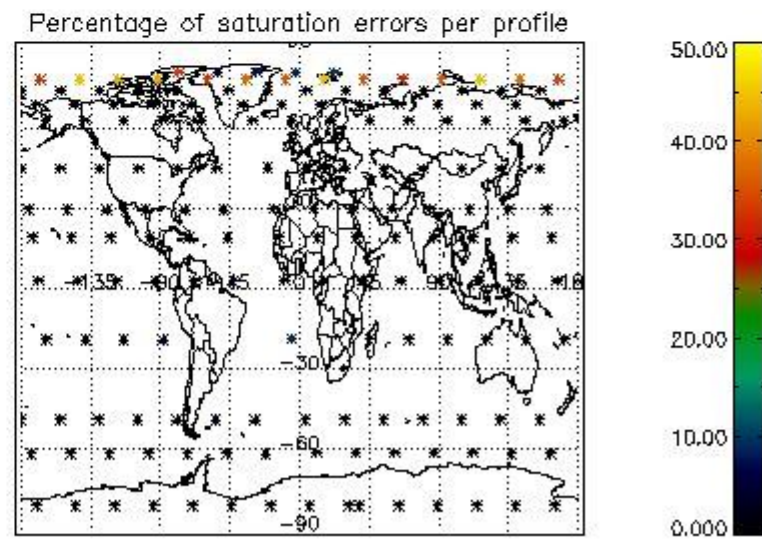
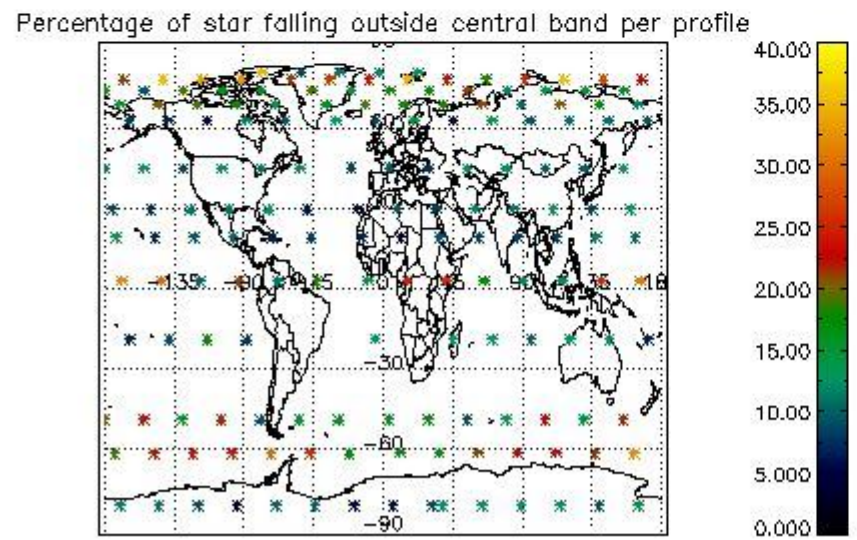
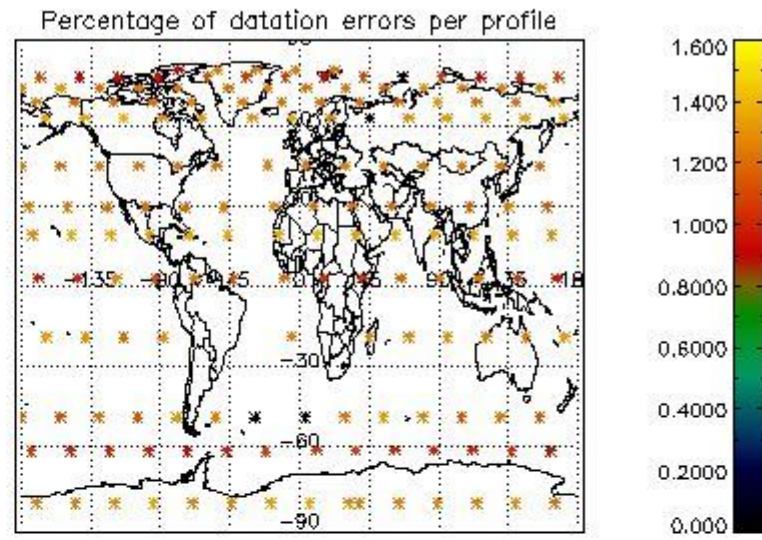
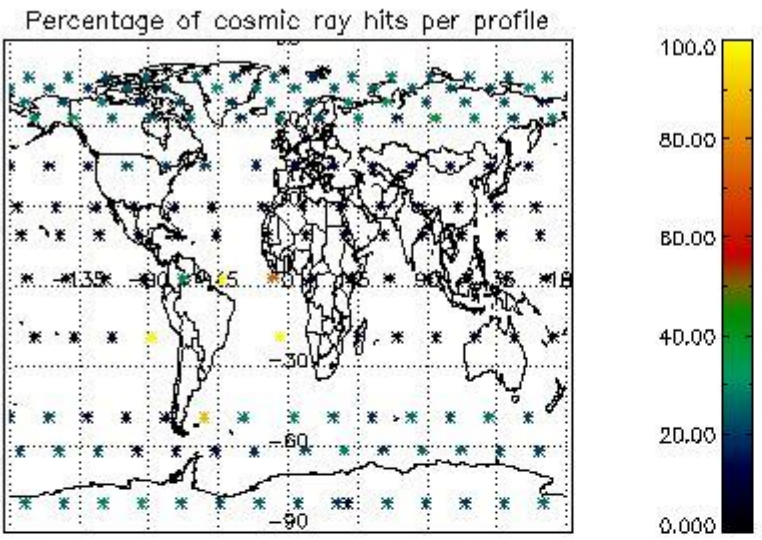
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



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

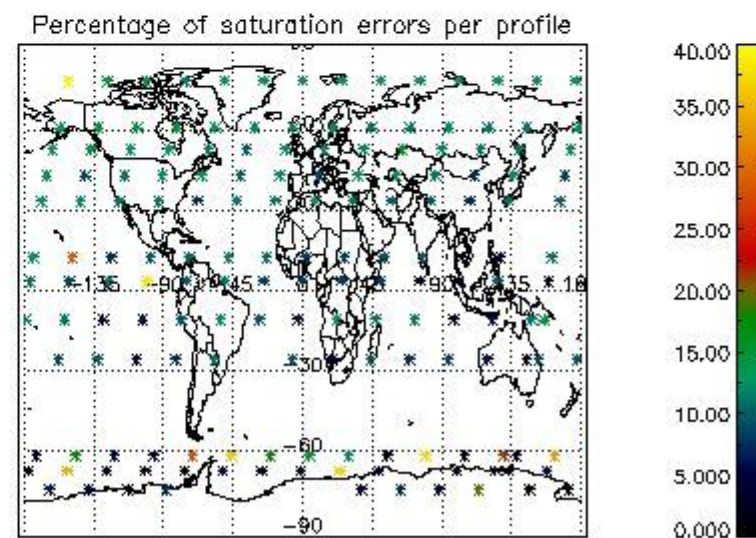
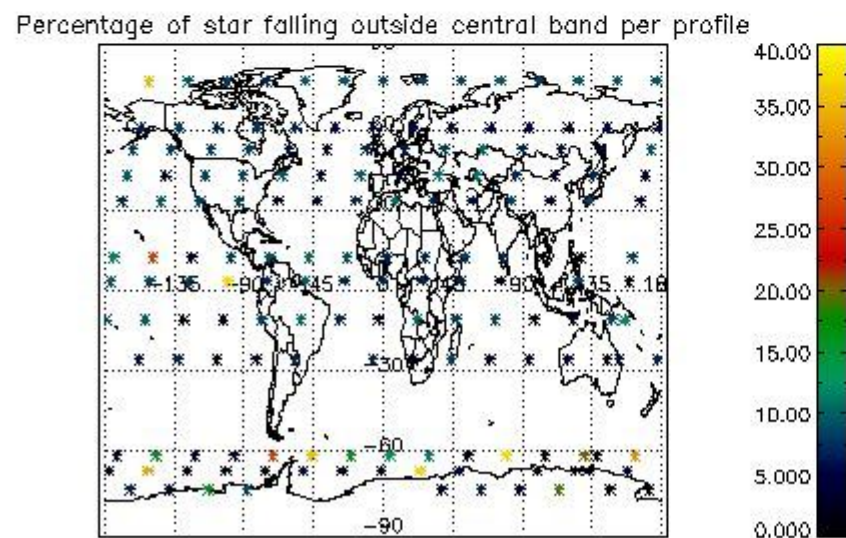
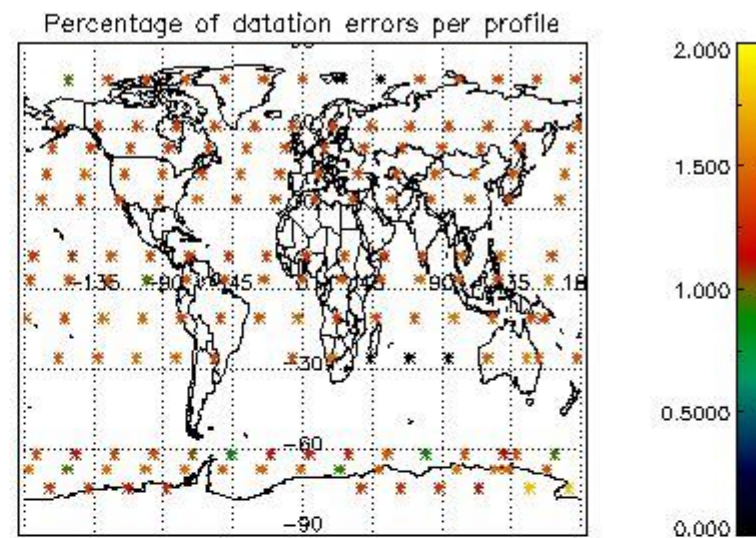
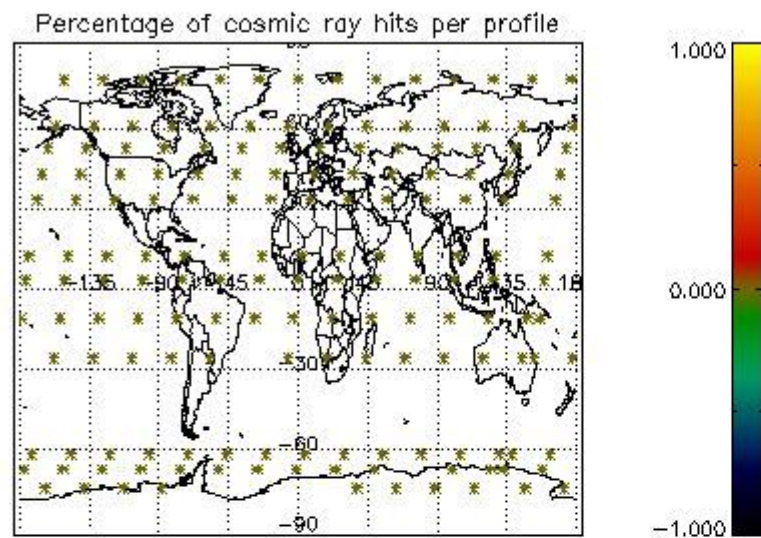
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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

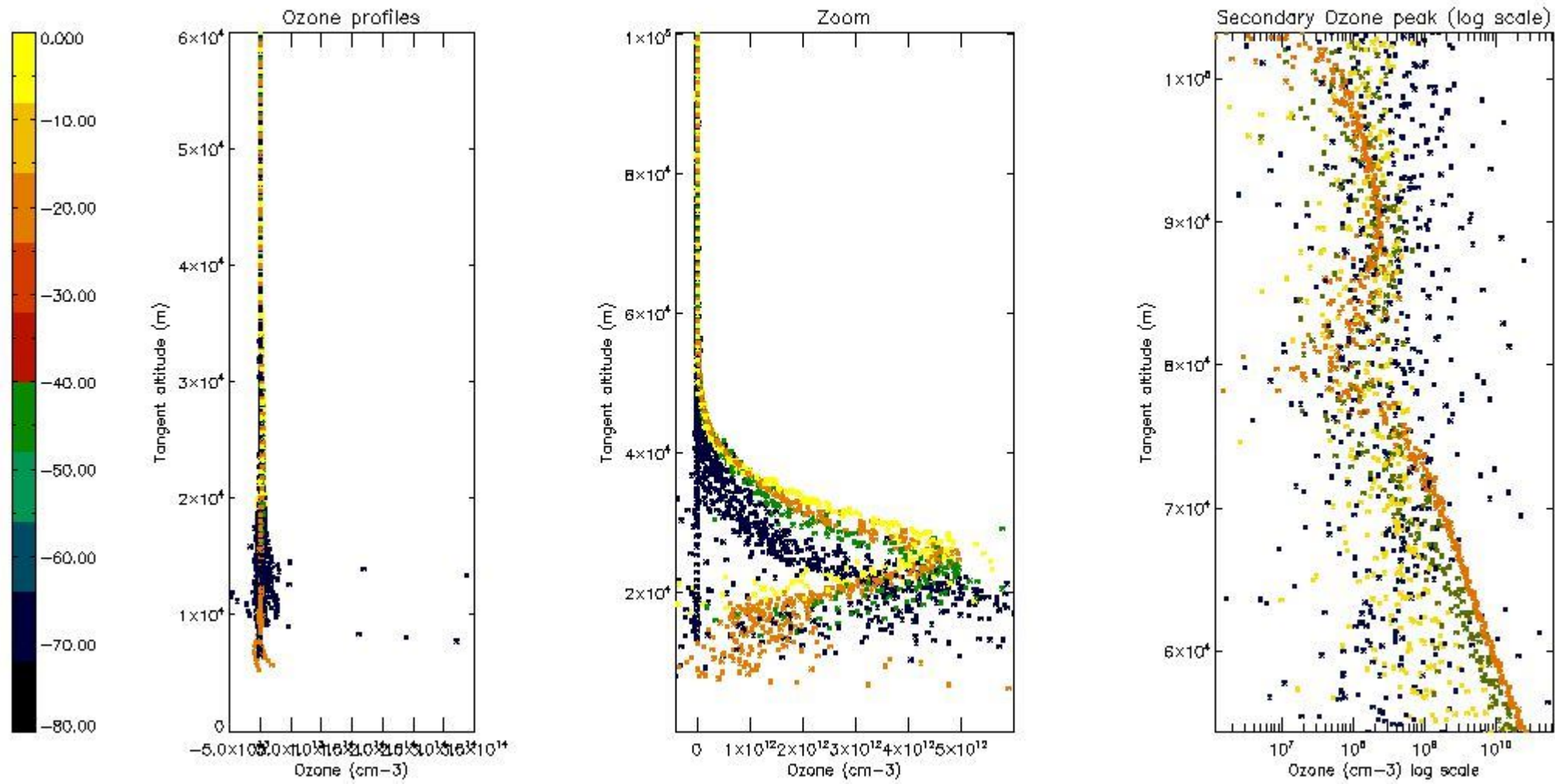
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	8

STD < 10	5
STD < 5	2

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

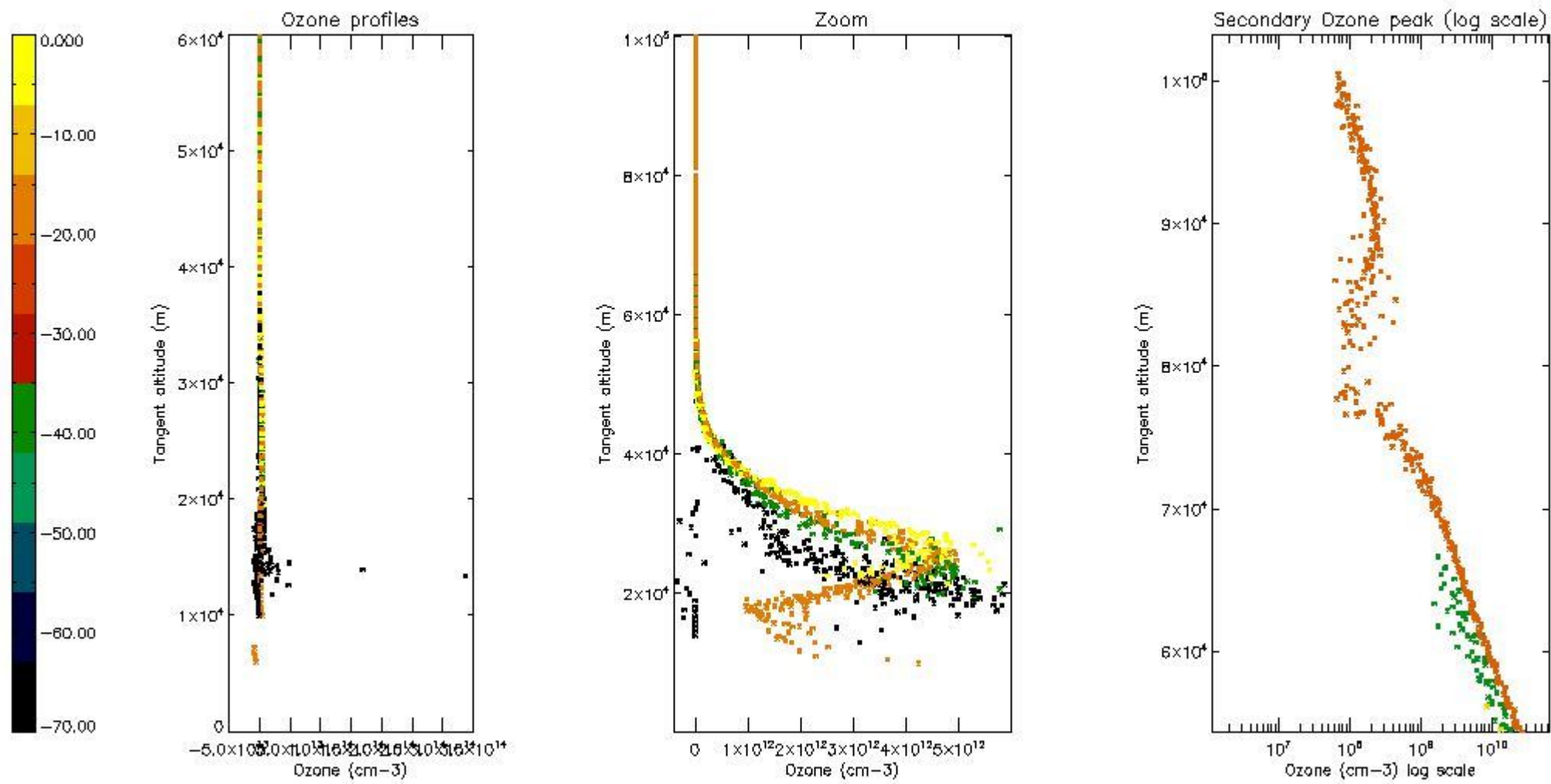
The colorbar represents the latitude.



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

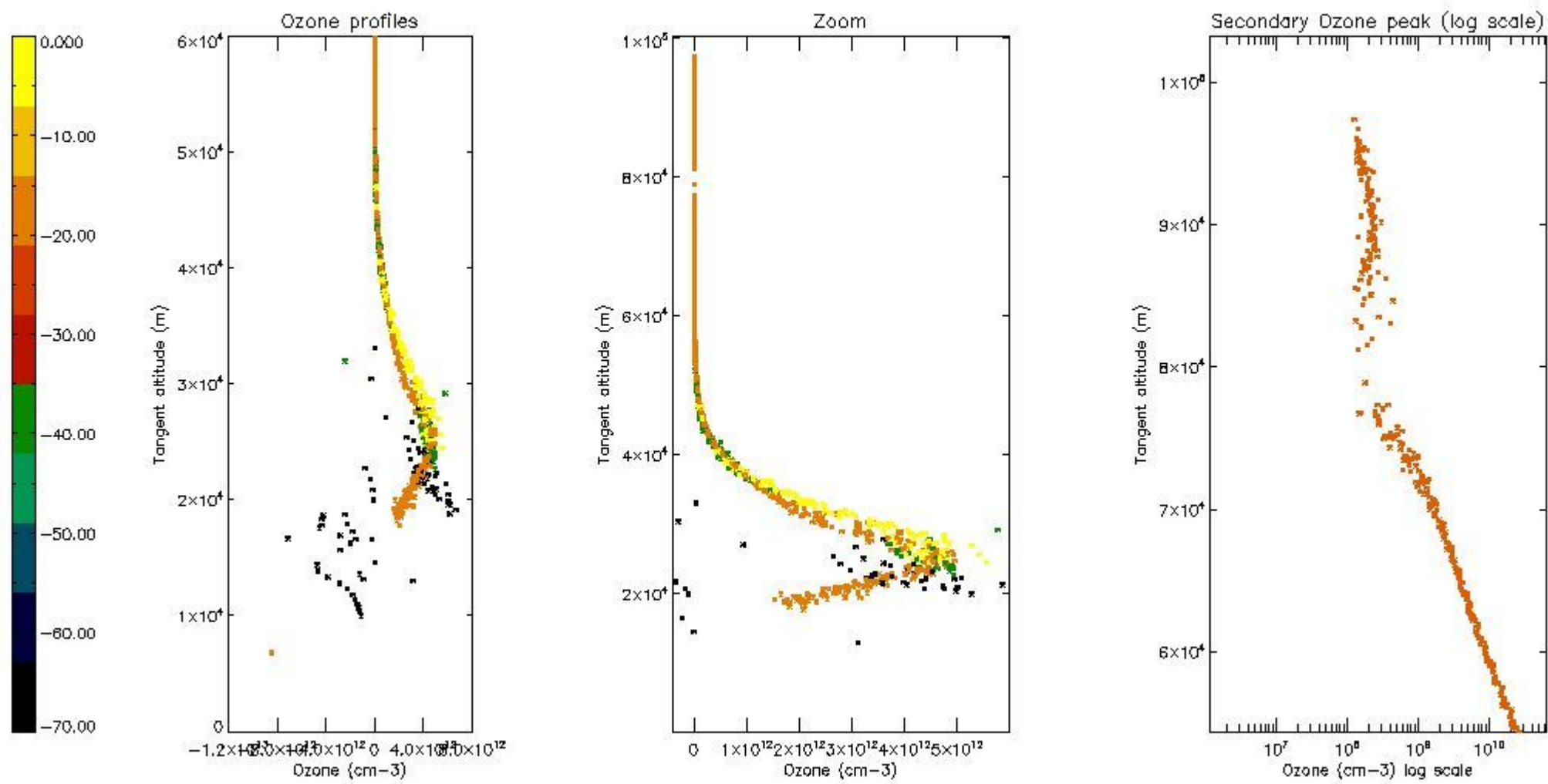
The colorbar represents the latitude.





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

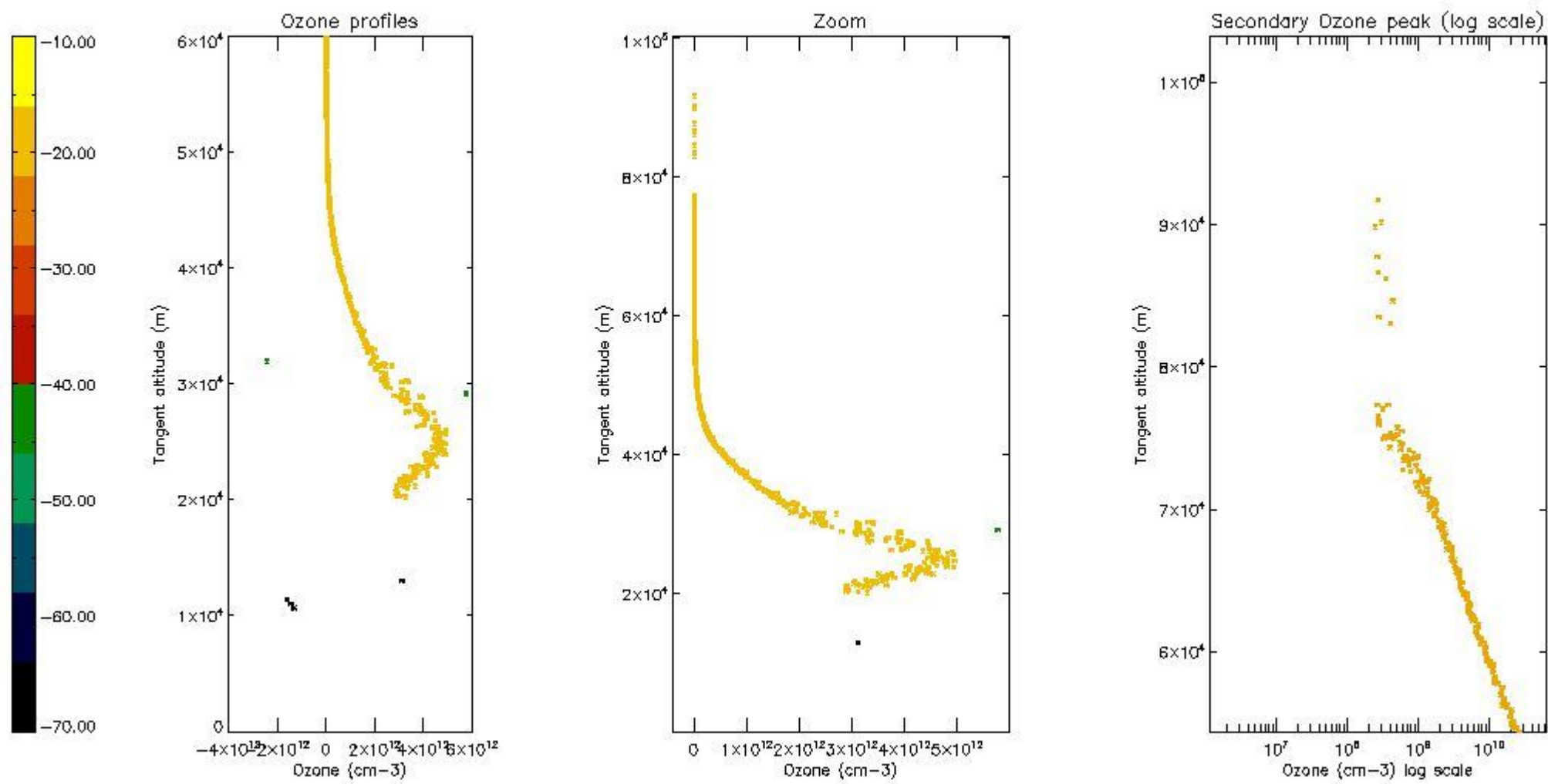
The colorbar represents the latitude.



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

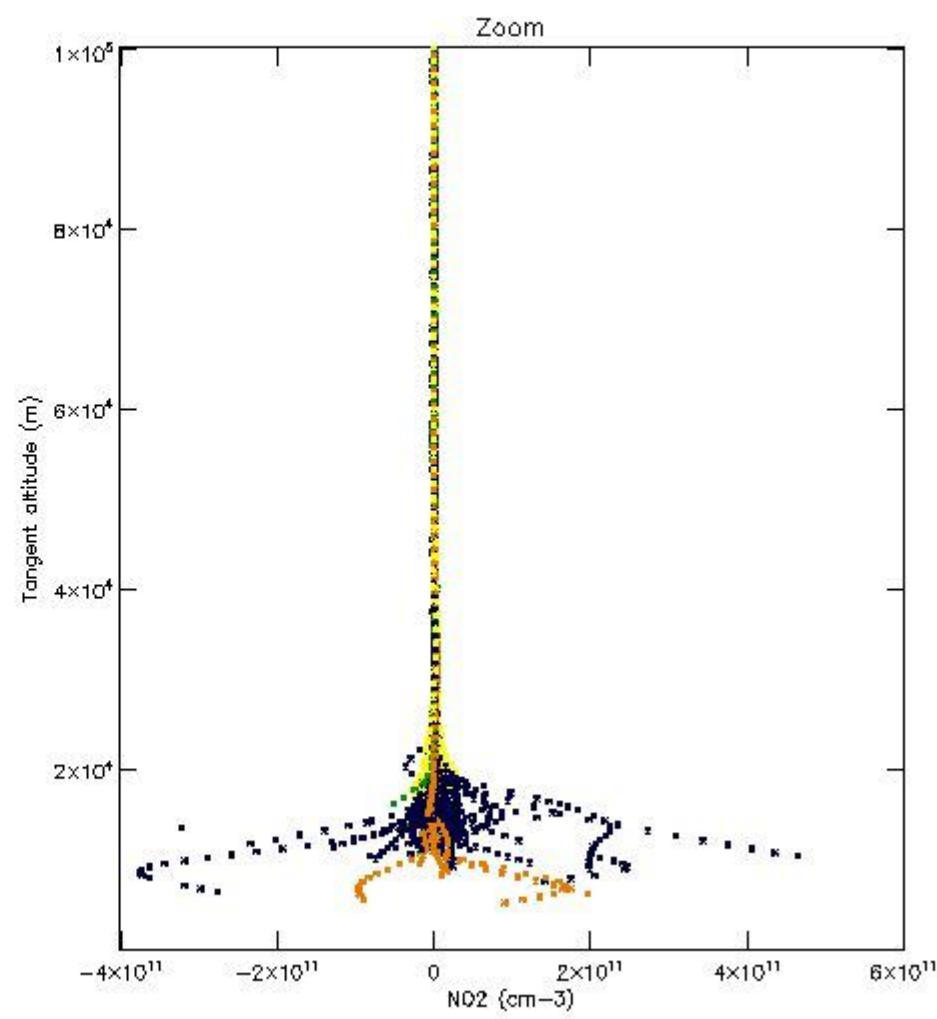
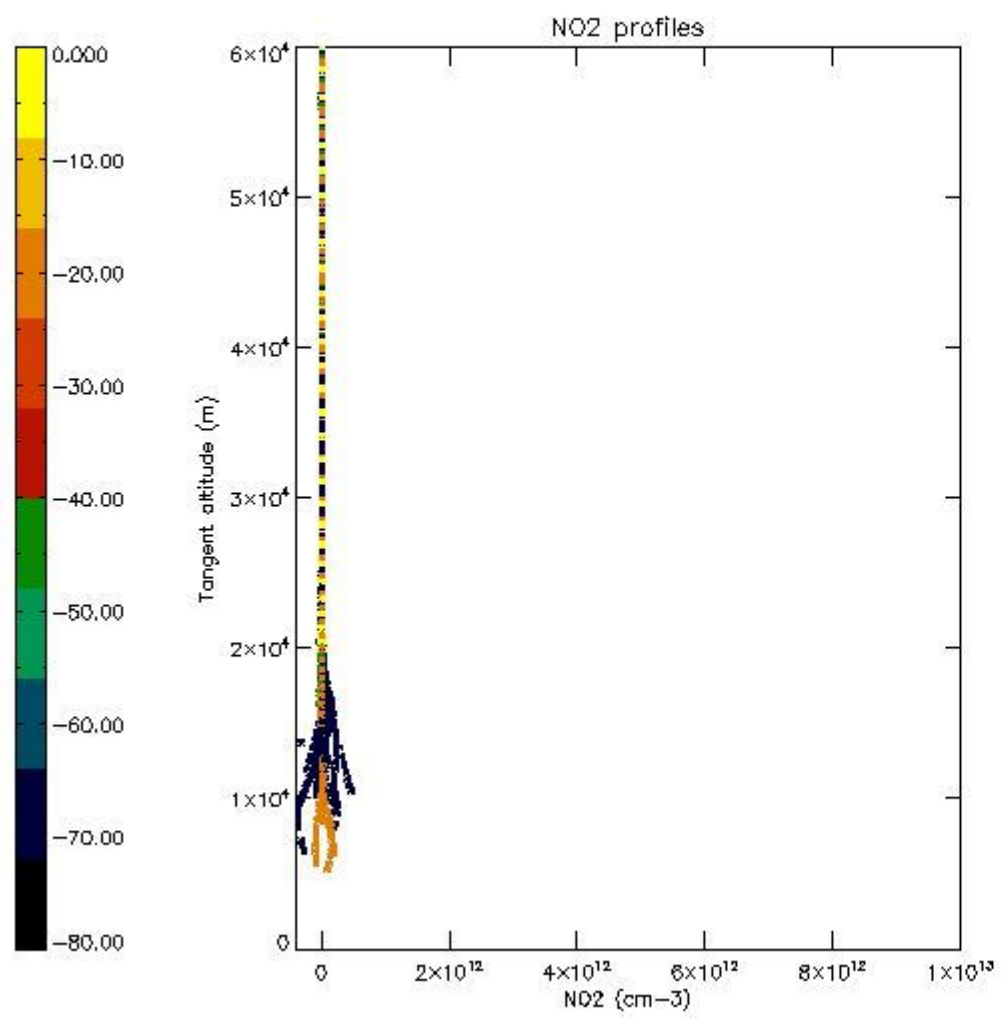
The colorbar represents the latitude.





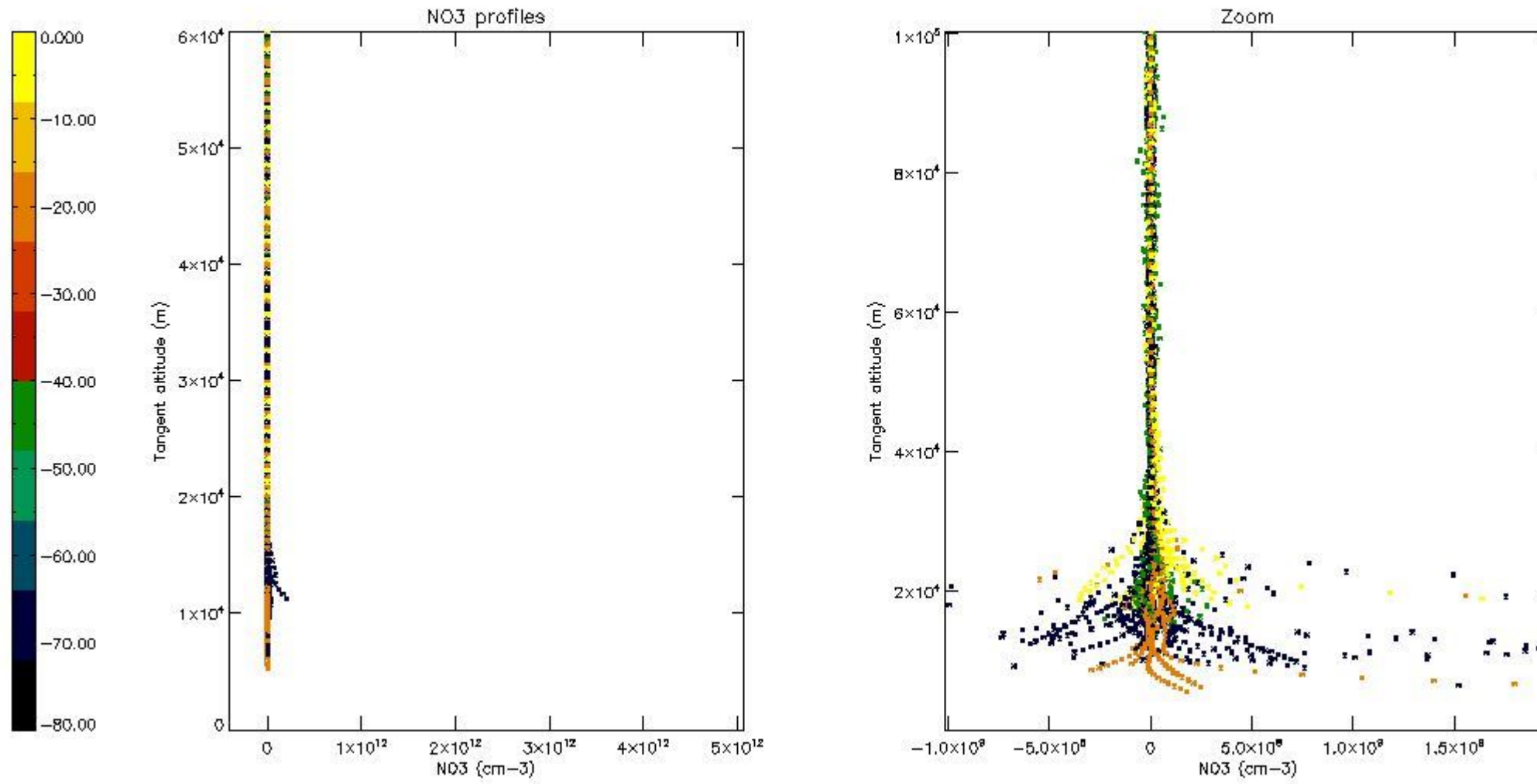
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



## 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	02-JUL-2008 00:01:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-JUL-2008 00:01:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-JUL-2008 00:01:44

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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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 16:53:52
Data source version	GOMOS/6.01
Start time of products	02-07-2008 (02JUL2008 00:00:00)
Stop time of products	03-07-2008 (03JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	337
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__2PRFIN20080702_000144_000000372070_00016_33136_3995.N1	02-JUL-2008 00:01:44	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33136	No
2	GOM_NL__2PRFIN20080702_000555_000000322070_00016_33136_3996.N1	02-JUL-2008 00:05:55	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	33136	No
3	GOM_NL__2PRFIN20080702_001612_000000452070_00016_33136_3997.N1	02-JUL-2008 00:16:12	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	33136	No
4	GOM_NL__2PRFIN20080702_001756_000000342070_00016_33136_3998.N1	02-JUL-2008 00:17:56	Bright	34.000	175	39Del Per	3.0100	19400.	68	33136	No
5	GOM_NL__2PRFIN20080702_002005_000000452070_00016_33136_3999.N1	02-JUL-2008 00:20:05	Bright	45.000	79	26Bet Per	2.3100	13100.	90	33136	No
6	GOM_NL__2PRFIN20080702_002452_000000392070_00016_33136_4000.N1	02-JUL-2008 00:24:52	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	33136	No
7	GOM_NL__2PRFIN20080702_003136_000000462070_00016_33136_4001.N1	02-JUL-2008 00:31:36	Dark	46.000	94	92Alp Cet	2.5260	3100.0	92	33136	No
8	GOM_NL__2PRFIN20080702_003516_000000412070_00016_33136_4002.N1	02-JUL-2008 00:35:16	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	33136	No
9	GOM_NL__2PRFIN20080702_004951_000000442070_00017_33137_3995.N1	02-JUL-2008 00:49:51	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33137	No
10	GOM_NL__2PRFIN20080702_005426_000000372070_00017_33137_3996.N1	02-JUL-2008 00:54:26	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33137	No
11	GOM_NL__2PRFIN20080702_005721_000000402070_00017_33137_3997.N1	02-JUL-2008 00:57:21	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	33137	No
12	GOM_NL__2PRFIN20080702_010141_000000422070_00017_33137_3998.N1	02-JUL-2008 01:01:41	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	33137	No
13	GOM_NL__2PRFIN20080702_010652_000000382070_00017_33137_3999.N1	02-JUL-2008 01:06:52	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	33137	No
14	GOM_NL__2PRFIN20080702_010841_000000402070_00017_33137_4000.N1	02-JUL-2008 01:08:41	Twilight	39.500	40	The Sco	1.8590	7100.0	79	33137	No
15	GOM_NL__2PRFIN20080702_011021_000000412070_00017_33137_4001.N1	02-JUL-2008 01:10:21	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	33137	No
16	GOM_NL__2PRFIN20080702_011146_000000532070_00017_33137_4002.N1	02-JUL-2008 01:11:46	Bright	53.000	116	19Del Sgr	2.7000	4100.0	106	33137	No
17	GOM_NL__2PRFIN20080702_011632_000000372070_00017_33137_4003.N1	02-JUL-2008 01:16:32	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33137	No
18	GOM_NL__2PRFIN20080702_012208_000000372070_00017_33137_4004.N1	02-JUL-2008 01:22:08	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33137	No
19	GOM_NL__2PRFIN20080702_012427_000000362070_00017_33137_4005.N1	02-JUL-2008 01:24:27	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33137	No
20	GOM_NL__2PRFIN20080702_012713_000000362070_00017_33137_4006.N1	02-JUL-2008 01:27:13	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33137	No
21	GOM_NL__2PRFIN20080702_012955_000000372070_00017_33137_4007.N1	02-JUL-2008 01:29:55	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33137	No
22	GOM_NL__2PRFIN20080702_013552_000000342070_00017_33137_4008.N1	02-JUL-2008 01:35:52	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	33137	No
23	GOM_NL__2PRFIN20080702_013819_000000372070_00017_33137_4009.N1	02-JUL-2008 01:38:19	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33137	No
24	GOM_NL__2PRFIN20080702_014220_000000352070_00017_33137_4010.N1	02-JUL-2008 01:42:20	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33137	No
25	GOM_NL__2PRFIN20080702_014631_000000352070_00017_33137_4011.N1	02-JUL-2008 01:46:31	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33137	No
26	GOM_NL__2PRFIN20080702_015647_000000362070_00017_33137_4012.N1	02-JUL-2008 01:56:47	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	33137	No
27	GOM_NL__2PRFIN20080702_015832_000000332070_00017_33137_4013.N1	02-JUL-2008 01:58:32	Bright	33.000	175	39Del Per	3.0100	19400.	66	33137	No
28	GOM_NL__2PRFIN20080702_020041_000000392070_00017_33137_4014.N1	02-JUL-2008 02:00:41	Bright	38.500	79	26Bet Per	2.3100	13100.	77	33137	No
29	GOM_NL__2PRFIN20080702_020528_000000372070_00017_33137_4015.N1	02-JUL-2008 02:05:28	Twilight	36.500	146	25Eta Tau	2.8730	15200.	73	33137	No
30	GOM_NL__2PRFIN20080702_021212_000000522070_00017_33137_4016.N1	02-JUL-2008 02:12:12	Dark	51.500	94	92Alp Cet	2.5260	3100.0	103	33137	No
31	GOM_NL__2PRFIN20080702_021552_000000402070_00017_33137_4017.N1	02-JUL-2008 02:15:52	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	33137	No
32	GOM_NL__2PRFIN20080702_023028_000000412070_00018_33138_4009.N1	02-JUL-2008 02:30:28	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33138	No
33	GOM_NL__2PRFIN20080702_023502_000000372070_00018_33138_4010.N1	02-JUL-2008 02:35:02	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33138	No
34	GOM_NL__2PRFIN20080702_023757_000000432070_00018_33138_4011.N1	02-JUL-2008 02:37:57	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33138	No
35	GOM_NL__2PRFIN20080702_024217_000000412070_00018_33138_4012.N1	02-JUL-2008 02:42:17	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33138	No
36	GOM_NL__2PRFIN20080702_024728_000000392070_00018_33138_4013.N1	02-JUL-2008 02:47:28	Twilight	38.500	147	Alp Ara	2.8770	26000.	77	33138	No
37	GOM_NL__2PRFIN20080702_024917_000000422070_00018_33138_4014.N1	02-JUL-2008 02:49:17	Twilight	41.500	40	The Sco	1.8590	7100.0	83	33138	No
38	GOM_NL__2PRFIN20080702_025057_000000412070_00018_33138_4015.N1	02-JUL-2008 02:50:57	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	33138	No
39	GOM_NL__2PRFIN20080702_025222_000000542070_00018_33138_4016.N1	02-JUL-2008 02:52:22	Bright	53.500	116	19Del Sgr	2.7000	4100.0	107	33138	No
40	GOM_NL__2PRFIN20080702_025708_000000372070_00018_33138_4017.N1	02-JUL-2008 02:57:08	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33138	No
41	GOM_NL__2PRFIN20080702_030244_000000372070_00018_33138_4018.N1	02-JUL-2008 03:02:44	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33138	No
42	GOM_NL__2PRFIN20080702_030503_000000372070_00018_33138_4019.N1	02-JUL-2008 03:05:03	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33138	No

43	GOM_NL__2PRFIN20080702_030749_000000352070_00018_33138_4020.N1	02-JUL-2008 03:07:49	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33138	No
44	GOM_NL__2PRFIN20080702_031031_000000352070_00018_33138_4021.N1	02-JUL-2008 03:10:31	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33138	No
45	GOM_NL__2PRFIN20080702_031628_000000342070_00018_33138_4022.N1	02-JUL-2008 03:16:28	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	33138	No
46	GOM_NL__2PRFIN20080702_031855_000000332070_00018_33138_4023.N1	02-JUL-2008 03:18:55	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	33138	No
47	GOM_NL__2PRFIN20080702_032256_000000332070_00018_33138_4024.N1	02-JUL-2008 03:22:56	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	33138	No
48	GOM_NL__2PRFIN20080702_032707_000000352070_00018_33138_4025.N1	02-JUL-2008 03:27:07	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33138	No
49	GOM_NL__2PRFIN20080702_033723_000000562070_00018_33138_4026.N1	02-JUL-2008 03:37:23	Bright	56.000	160	23Gam Per	2.9300	4700.0	112	33138	No
50	GOM_NL__2PRFIN20080702_034117_000000402070_00018_33138_4027.N1	02-JUL-2008 03:41:17	Bright	39.500	79	26Bet Per	2.3100	13100.	79	33138	No
51	GOM_NL__2PRFIN20080702_034604_000000382070_00018_33138_4028.N1	02-JUL-2008 03:46:04	Twilight	37.500	146	25Eta Tau	2.8730	15200.	75	33138	No
52	GOM_NL__2PRFIN20080702_035248_000000562070_00018_33138_4029.N1	02-JUL-2008 03:52:48	Dark	55.500	94	92Alp Cet	2.5260	3100.0	111	33138	No
53	GOM_NL__2PRFIN20080702_035628_000000382070_00018_33138_4030.N1	02-JUL-2008 03:56:28	Dark	38.000	165	34Gam Eri	2.9500	3200.0	76	33138	No
54	GOM_NL__2PRFIN20080702_040456_000000392070_00018_33138_4031.N1	02-JUL-2008 04:04:56	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33138	No
55	GOM_NL__2PRFIN20080702_041104_000000452070_00019_33139_4023.N1	02-JUL-2008 04:11:04	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33139	No
56	GOM_NL__2PRFIN20080702_041538_000000382070_00019_33139_4024.N1	02-JUL-2008 04:15:38	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33139	No
57	GOM_NL__2PRFIN20080702_041834_000000422070_00019_33139_4025.N1	02-JUL-2008 04:18:34	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33139	No
58	GOM_NL__2PRFIN20080702_042254_000000412070_00019_33139_4026.N1	02-JUL-2008 04:22:54	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33139	No
59	GOM_NL__2PRFIN20080702_042805_000000362070_00019_33139_4027.N1	02-JUL-2008 04:28:05	Twi_and_stray	36.000	147	Alp Ara	2.8770	26000.	72	33139	No
60	GOM_NL__2PRFIN20080702_042953_000000422070_00019_33139_4028.N1	02-JUL-2008 04:29:53	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33139	No
61	GOM_NL__2PRFIN20080702_043133_000000422070_00019_33139_4029.N1	02-JUL-2008 04:31:33	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	33139	No
62	GOM_NL__2PRFIN20080702_043258_000000552070_00019_33139_4030.N1	02-JUL-2008 04:32:58	Bright	55.000	116	19Del Sgr	2.7000	4100.0	110	33139	No
63	GOM_NL__2PRFIN20080702_043744_000000372070_00019_33139_4031.N1	02-JUL-2008 04:37:44	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33139	No
64	GOM_NL__2PRFIN20080702_044320_000000372070_00019_33139_4032.N1	02-JUL-2008 04:43:20	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33139	No
65	GOM_NL__2PRFIN20080702_044539_000000372070_00019_33139_4033.N1	02-JUL-2008 04:45:39	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33139	No
66	GOM_NL__2PRFIN20080702_044825_000000362070_00019_33139_4034.N1	02-JUL-2008 04:48:25	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33139	No
67	GOM_NL__2PRFIN20080702_045107_000000362070_00019_33139_4035.N1	02-JUL-2008 04:51:07	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33139	No
68	GOM_NL__2PRFIN20080702_045704_000000382070_00019_33139_4036.N1	02-JUL-2008 04:57:04	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33139	No
69	GOM_NL__2PRFIN20080702_045931_000000342070_00019_33139_4037.N1	02-JUL-2008 04:59:31	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	33139	No
70	GOM_NL__2PRFIN20080702_050332_000000362070_00019_33139_4038.N1	02-JUL-2008 05:03:32	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33139	No
71	GOM_NL__2PRFIN20080702_050743_000000342070_00019_33139_4039.N1	02-JUL-2008 05:07:43	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33139	No
72	GOM_NL__2PRFIN20080702_051759_000000362070_00019_33139_4040.N1	02-JUL-2008 05:17:59	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	33139	No
73	GOM_NL__2PRFIN20080702_051944_000000362070_00019_33139_4041.N1	02-JUL-2008 05:19:44	Bright	35.500	175	39Del Per	3.0100	19400.	71	33139	No
74	GOM_NL__2PRFIN20080702_052153_000000392070_00019_33139_4042.N1	02-JUL-2008 05:21:53	Bright	38.500	79	26Bet Per	2.3100	13100.	77	33139	No
75	GOM_NL__2PRFIN20080702_052640_000000402070_00019_33139_4043.N1	02-JUL-2008 05:26:40	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33139	No
76	GOM_NL__2PRFIN20080702_053325_000000522070_00019_33139_4044.N1	02-JUL-2008 05:33:25	Dark	51.500	94	92Alp Cet	2.5260	3100.0	103	33139	No
77	GOM_NL__2PRFIN20080702_053705_000000442070_00019_33139_4045.N1	02-JUL-2008 05:37:05	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33139	No
78	GOM_NL__2PRFIN20080702_054532_000000422070_00019_33139_4046.N1	02-JUL-2008 05:45:32	Dark	42.000	157	The1Eri	2.9060	9300.0	84	33139	No
79	GOM_NL__2PRFIN20080702_055141_000000392070_00020_33140_4038.N1	02-JUL-2008 05:51:41	Dark	39.000	9	Alp Eri	0.45300	24000.	78	33140	No
80	GOM_NL__2PRFIN20080702_055615_000000372070_00020_33140_4039.N1	02-JUL-2008 05:56:15	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33140	No
81	GOM_NL__2PRFIN20080702_055911_000000422070_00020_33140_4040.N1	02-JUL-2008 05:59:11	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33140	No
82	GOM_NL__2PRFIN20080702_060330_000000402070_00020_33140_4041.N1	02-JUL-2008 06:03:30	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33140	No
83	GOM_NL__2PRFIN20080702_060841_000000372070_00020_33140_4042.N1	02-JUL-2008 06:08:41	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33140	No
84	GOM_NL__2PRFIN20080702_061029_000000422070_00020_33140_4043.N1	02-JUL-2008 06:10:29	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33140	No
85	GOM_NL__2PRFIN20080702_061209_000000382070_00020_33140_4044.N1	02-JUL-2008 06:12:09	Twi_and_stray	37.500	25	35Lam Sco	1.6200	28000.	75	33140	No
86	GOM_NL__2PRFIN20080702_061335_000000452070_00020_33140_4045.N1	02-JUL-2008 06:13:35	Bright	45.000	116	19Del Sgr	2.7000	4100.0	90	33140	No
87	GOM_NL__2PRFIN20080702_061820_000000362070_00020_33140_4046.N1	02-JUL-2008 06:18:20	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33140	No
88	GOM_NL__2PRFIN20080702_062356_000000372070_00020_33140_4047.N1	02-JUL-2008 06:23:56	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33140	No
89	GOM_NL__2PRFIN20080702_062615_000000392070_00020_33140_4048.N1	02-JUL-2008 06:26:15	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	33140	No
90	GOM_NL__2PRFIN20080702_062901_000000372070_00020_33140_4049.N1	02-JUL-2008 06:29:01	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33140	No
91	GOM_NL__2PRFIN20080702_063144_000000352070_00020_33140_4050.N1	02-JUL-2008 06:31:44	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33140	No
92	GOM_NL__2PRFIN20080702_063739_000000382070_00020_33140_4051.N1	02-JUL-2008 06:37:39	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33140	No
93	GOM_NL__2PRFIN20080702_064007_000000362070_00020_33140_4052.N1	02-JUL-2008 06:40:07	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33140	No
94	GOM_NL__2PRFIN20080702_064408_000000372070_00020_33140_4053.N1	02-JUL-2008 06:44:08	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33140	No
95	GOM_NL__2PRFIN20080702_064819_000000362070_00020_33140_4054.N1	02-JUL-2008 06:48:19	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33140	No
96	GOM_NL__2PRFIN20080702_065835_000000412070_00020_33140_4055.N1	02-JUL-2008 06:58:35	Bright	40.500	160	23Gam Per	2.9300	4700.0	81	33140	No
97	GOM_NL__2PRFIN20080702_070020_000000542070_00020_33140_4056.N1	02-JUL-2008 07:00:20	Bright	54.000	175	39Del Per	3.0100	19400.	108	33140	No
98	GOM_NL__2PRFIN20080702_070717_000000402070_00020_33140_4057.N1	02-JUL-2008 07:07:17	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33140	No
99	GOM_NL__2PRFIN20080702_071401_000000512070_00020_33140_4058.N1	02-JUL-2008 07:14:01	Dark	50.500	94	92Alp Cet	2.5260	3100.0	101	33140	No
100	GOM_NL__2PRFIN20080702_071741_000000422070_00020_33140_4059.N1	02-JUL-2008 07:17:41	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33140	No
101	GOM_NL__2PRFIN20080702_072609_000000392070_00020_33140_4060.N1	02-JUL-2008 07:26:09	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33140	No

102	GOM_NL__2PRFIN20080702_073217_000000512070_00021_33141_4061.N1	02-JUL-2008 07:32:17	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33141	No
103	GOM_NL__2PRFIN20080702_073651_000000362070_00021_33141_4062.N1	02-JUL-2008 07:36:51	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33141	No
104	GOM_NL__2PRFIN20080702_073947_000000412070_00021_33141_4063.N1	02-JUL-2008 07:39:47	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33141	No
105	GOM_NL__2PRFIN20080702_074406_000000422070_00021_33141_4064.N1	02-JUL-2008 07:44:06	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	33141	No
106	GOM_NL__2PRFIN20080702_074917_000000372070_00021_33141_4065.N1	02-JUL-2008 07:49:17	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33141	No
107	GOM_NL__2PRFIN20080702_075106_000000402070_00021_33141_4066.N1	02-JUL-2008 07:51:06	Twi_and_stray	40.000	40	The Sco	1.8590	7100.0	80	33141	No
108	GOM_NL__2PRFIN20080702_075245_000000412070_00021_33141_4067.N1	02-JUL-2008 07:52:45	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33141	No
109	GOM_NL__2PRFIN20080702_075411_000000462070_00021_33141_4068.N1	02-JUL-2008 07:54:11	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	33141	No
110	GOM_NL__2PRFIN20080702_075856_000000372070_00021_33141_4069.N1	02-JUL-2008 07:58:56	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33141	No
111	GOM_NL__2PRFIN20080702_080432_000000372070_00021_33141_4070.N1	02-JUL-2008 08:04:32	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33141	No
112	GOM_NL__2PRFIN20080702_080651_000000372070_00021_33141_4071.N1	02-JUL-2008 08:06:51	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33141	No
113	GOM_NL__2PRFIN20080702_080937_000000382070_00021_33141_4072.N1	02-JUL-2008 08:09:37	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	33141	No
114	GOM_NL__2PRFIN20080702_081220_000000362070_00021_33141_4073.N1	02-JUL-2008 08:12:20	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33141	No
115	GOM_NL__2PRFIN20080702_081815_000000372070_00021_33141_4074.N1	02-JUL-2008 08:18:15	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33141	No
116	GOM_NL__2PRFIN20080702_082043_000000362070_00021_33141_4075.N1	02-JUL-2008 08:20:43	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33141	No
117	GOM_NL__2PRFIN20080702_082444_000000382070_00021_33141_4076.N1	02-JUL-2008 08:24:44	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	33141	No
118	GOM_NL__2PRFIN20080702_082855_000000332070_00021_33141_4077.N1	02-JUL-2008 08:28:55	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33141	No
119	GOM_NL__2PRFIN20080702_083911_000000412070_00021_33141_4078.N1	02-JUL-2008 08:39:11	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	33141	No
120	GOM_NL__2PRFIN20080702_084056_000000342070_00021_33141_4079.N1	02-JUL-2008 08:40:56	Bright	34.000	175	39Del Per	3.0100	19400.	68	33141	No
121	GOM_NL__2PRFIN20080702_084753_000000372070_00021_33141_4080.N1	02-JUL-2008 08:47:53	Twilight	37.000	146	25Eta Tau	2.8730	15200.	74	33141	No
122	GOM_NL__2PRFIN20080702_085437_000000502070_00021_33141_4081.N1	02-JUL-2008 08:54:37	Dark	50.000	94	92Alp Cet	2.5260	3100.0	100	33141	No
123	GOM_NL__2PRFIN20080702_085817_000000452070_00021_33141_4082.N1	02-JUL-2008 08:58:17	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	33141	No
124	GOM_NL__2PRFIN20080702_090645_000000382070_00021_33141_4083.N1	02-JUL-2008 09:06:45	Dark	37.500	157	The1Eri	2.9060	9300.0	75	33141	No
125	GOM_NL__2PRFIN20080702_091254_000000522070_00022_33142_4076.N1	02-JUL-2008 09:12:54	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33142	No
126	GOM_NL__2PRFIN20080702_091727_000000392070_00022_33142_4077.N1	02-JUL-2008 09:17:27	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	33142	No
127	GOM_NL__2PRFIN20080702_092024_000000412070_00022_33142_4078.N1	02-JUL-2008 09:20:24	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33142	No
128	GOM_NL__2PRFIN20080702_092443_000000412070_00022_33142_4079.N1	02-JUL-2008 09:24:43	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33142	No
129	GOM_NL__2PRFIN20080702_092953_000000382070_00022_33142_4080.N1	02-JUL-2008 09:29:53	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33142	No
130	GOM_NL__2PRFIN20080702_093142_000000392070_00022_33142_4081.N1	02-JUL-2008 09:31:42	Twi_and_stray	38.500	40	The Sco	1.8590	7100.0	77	33142	No
131	GOM_NL__2PRFIN20080702_093321_000000412070_00022_33142_4082.N1	02-JUL-2008 09:33:21	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33142	No
132	GOM_NL__2PRFIN20080702_093447_000000492070_00022_33142_4083.N1	02-JUL-2008 09:34:47	Bright	49.000	116	19Del Sgr	2.7000	4100.0	98	33142	No
133	GOM_NL__2PRFIN20080702_093932_000000362070_00022_33142_4084.N1	02-JUL-2008 09:39:32	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33142	No
134	GOM_NL__2PRFIN20080702_094507_000000372070_00022_33142_4085.N1	02-JUL-2008 09:45:07	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33142	No
135	GOM_NL__2PRFIN20080702_094727_000000372070_00022_33142_4086.N1	02-JUL-2008 09:47:27	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33142	No
136	GOM_NL__2PRFIN20080702_095013_000000352070_00022_33142_4087.N1	02-JUL-2008 09:50:13	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33142	No
137	GOM_NL__2PRFIN20080702_095256_000000382070_00022_33142_4088.N1	02-JUL-2008 09:52:56	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	33142	No
138	GOM_NL__2PRFIN20080702_095851_000000382070_00022_33142_4089.N1	02-JUL-2008 09:58:51	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33142	No
139	GOM_NL__2PRFIN20080702_100119_000000362070_00022_33142_4090.N1	02-JUL-2008 10:01:19	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33142	No
140	GOM_NL__2PRFIN20080702_100521_000000352070_00022_33142_4091.N1	02-JUL-2008 10:05:21	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33142	No
141	GOM_NL__2PRFIN20080702_100931_000000372070_00022_33142_4092.N1	02-JUL-2008 10:09:31	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33142	No
142	GOM_NL__2PRFIN20080702_101947_000000432070_00022_33142_4093.N1	02-JUL-2008 10:19:47	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	33142	No
143	GOM_NL__2PRFIN20080702_102132_000000352070_00022_33142_4094.N1	02-JUL-2008 10:21:32	Bright	34.500	175	39Del Per	3.0100	19400.	69	33142	No
144	GOM_NL__2PRFIN20080702_102829_000000392070_00022_33142_4095.N1	02-JUL-2008 10:28:29	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	33142	No
145	GOM_NL__2PRFIN20080702_103514_000000482070_00022_33142_4096.N1	02-JUL-2008 10:35:14	Dark	47.500	94	92Alp Cet	2.5260	3100.0	95	33142	No
146	GOM_NL__2PRFIN20080702_103853_000000442070_00022_33142_4097.N1	02-JUL-2008 10:38:53	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	33142	No
147	GOM_NL__2PRFIN20080702_104721_000000382070_00022_33142_4098.N1	02-JUL-2008 10:47:21	Dark	37.500	157	The1Eri	2.9060	9300.0	75	33142	No
148	GOM_NL__2PRFIN20080702_105330_000000522070_00023_33143_4089.N1	02-JUL-2008 10:53:30	Dark	51.500	9	Alp Eri	0.45300	24000.	103	33143	No
149	GOM_NL__2PRFIN20080702_105803_000000392070_00023_33143_4090.N1	02-JUL-2008 10:58:03	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	33143	No
150	GOM_NL__2PRFIN20080702_110100_000000442070_00023_33143_4091.N1	02-JUL-2008 11:01:00	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	33143	No
151	GOM_NL__2PRFIN20080702_110519_000000422070_00023_33143_4092.N1	02-JUL-2008 11:05:19	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	33143	No
152	GOM_NL__2PRFIN20080702_111029_000000382070_00023_33143_4093.N1	02-JUL-2008 11:10:29	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33143	No
153	GOM_NL__2PRFIN20080702_111218_000000412070_00023_33143_4094.N1	02-JUL-2008 11:12:18	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33143	No
154	GOM_NL__2PRFIN20080702_111357_000000402070_00023_33143_4095.N1	02-JUL-2008 11:13:57	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33143	No
155	GOM_NL__2PRFIN20080702_111523_000000552070_00023_33143_4096.N1	02-JUL-2008 11:15:23	Bright	55.000	116	19Del Sgr	2.7000	4100.0	110	33143	No
156	GOM_NL__2PRFIN20080702_112008_000000362070_00023_33143_4097.N1	02-JUL-2008 11:20:08	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33143	No
157	GOM_NL__2PRFIN20080702_112543_000000372070_00023_33143_4098.N1	02-JUL-2008 11:25:43	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33143	No
158	GOM_NL__2PRFIN20080702_112802_000000372070_00023_33143_4099.N1	02-JUL-2008 11:28:02	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33143	No
159	GOM_NL__2PRFIN20080702_113049_000000372070_00023_33143_4100.N1	02-JUL-2008 11:30:49	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33143	No
160	GOM_NL__2PRFIN20080702_113331_000000362070_00023_33143_4101.N1	02-JUL-2008 11:33:31	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33143	No



161	GOM_NL__2PRFIN20080702_113927_000000382070_00023_33143_4102.N1	02-JUL-2008 11:39:27	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33143	No
162	GOM_NL__2PRFIN20080702_114155_000000362070_00023_33143_4103.N1	02-JUL-2008 11:41:55	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33143	No
163	GOM_NL__2PRFIN20080702_114556_000000362070_00023_33143_4104.N1	02-JUL-2008 11:45:56	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33143	No
164	GOM_NL__2PRFIN20080702_120023_000000562070_00023_33143_4105.N1	02-JUL-2008 12:00:23	Bright	56.000	160	23Gam Per	2.9300	4700.0	112	33143	No
165	GOM_NL__2PRFIN20080702_120208_000000362070_00023_33143_4106.N1	02-JUL-2008 12:02:08	Bright	35.500	175	39Del Per	3.0100	19400.	71	33143	No
166	GOM_NL__2PRFIN20080702_120905_000000402070_00023_33143_4107.N1	02-JUL-2008 12:09:05	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33143	No
167	GOM_NL__2PRFIN20080702_121550_000000572070_00023_33143_4108.N1	02-JUL-2008 12:15:50	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	33143	No
168	GOM_NL__2PRFIN20080702_121930_000000442070_00023_33143_4109.N1	02-JUL-2008 12:19:30	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33143	No
169	GOM_NL__2PRFIN20080702_122758_000000402070_00023_33143_4110.N1	02-JUL-2008 12:27:58	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33143	No
170	GOM_NL__2PRFIN20080702_123406_000000472070_00024_33144_4102.N1	02-JUL-2008 12:34:06	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33144	No
171	GOM_NL__2PRFIN20080702_123839_000000392070_00024_33144_4103.N1	02-JUL-2008 12:38:39	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	33144	No
172	GOM_NL__2PRFIN20080702_124136_000000412070_00024_33144_4104.N1	02-JUL-2008 12:41:36	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33144	No
173	GOM_NL__2PRFIN20080702_124555_000000412070_00024_33144_4105.N1	02-JUL-2008 12:45:55	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33144	No
174	GOM_NL__2PRFIN20080702_125105_000000382070_00024_33144_4106.N1	02-JUL-2008 12:51:05	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33144	No
175	GOM_NL__2PRFIN20080702_125254_000000422070_00024_33144_4107.N1	02-JUL-2008 12:52:54	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33144	No
176	GOM_NL__2PRFIN20080702_125433_000000402070_00024_33144_4108.N1	02-JUL-2008 12:54:33	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33144	No
177	GOM_NL__2PRFIN20080702_125559_000000482070_00024_33144_4109.N1	02-JUL-2008 12:55:59	Bright	47.500	116	19Del Sgr	2.7000	4100.0	95	33144	No
178	GOM_NL__2PRFIN20080702_130044_000000372070_00024_33144_4110.N1	02-JUL-2008 13:00:44	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33144	No
179	GOM_NL__2PRFIN20080702_130619_000000372070_00024_33144_4111.N1	02-JUL-2008 13:06:19	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33144	No
180	GOM_NL__2PRFIN20080702_130838_000000362070_00024_33144_4112.N1	02-JUL-2008 13:08:38	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33144	No
181	GOM_NL__2PRFIN20080702_131125_000000352070_00024_33144_4113.N1	02-JUL-2008 13:11:25	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33144	No
182	GOM_NL__2PRFIN20080702_131407_000000362070_00024_33144_4114.N1	02-JUL-2008 13:14:07	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33144	No
183	GOM_NL__2PRFIN20080702_132002_000000392070_00024_33144_4115.N1	02-JUL-2008 13:20:02	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33144	No
184	GOM_NL__2PRFIN20080702_132231_000000372070_00024_33144_4116.N1	02-JUL-2008 13:22:31	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	33144	No
185	GOM_NL__2PRFIN20080702_132633_000000382070_00024_33144_4117.N1	02-JUL-2008 13:26:33	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33144	No
186	GOM_NL__2PRFIN20080702_133042_000000372070_00024_33144_4118.N1	02-JUL-2008 13:30:42	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33144	No
187	GOM_NL__2PRFIN20080702_134059_000000492070_00024_33144_4119.N1	02-JUL-2008 13:40:59	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	33144	No
188	GOM_NL__2PRFIN20080702_134244_000000342070_00024_33144_4120.N1	02-JUL-2008 13:42:44	Bright	33.500	175	39Del Per	3.0100	19400.	67	33144	No
189	GOM_NL__2PRFIN20080702_134453_000000402070_00024_33144_4121.N1	02-JUL-2008 13:44:53	Bright	40.000	79	26Bet Per	2.3100	13100.	80	33144	No
190	GOM_NL__2PRFIN20080702_134941_000000402070_00024_33144_4122.N1	02-JUL-2008 13:49:41	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33144	No
191	GOM_NL__2PRFIN20080702_135626_000000492070_00024_33144_4123.N1	02-JUL-2008 13:56:26	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	33144	No
192	GOM_NL__2PRFIN20080702_140006_000000412070_00024_33144_4124.N1	02-JUL-2008 14:00:06	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	33144	No
193	GOM_NL__2PRFIN20080702_140834_000000412070_00024_33144_4125.N1	02-JUL-2008 14:08:34	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33144	No
194	GOM_NL__2PRFIN20080702_141443_000000412070_00025_33145_4114.N1	02-JUL-2008 14:14:43	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33145	No
195	GOM_NL__2PRFIN20080702_141915_000000372070_00025_33145_4115.N1	02-JUL-2008 14:19:15	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33145	No
196	GOM_NL__2PRFIN20080702_142213_000000442070_00025_33145_4116.N1	02-JUL-2008 14:22:13	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	33145	No
197	GOM_NL__2PRFIN20080702_142632_000000412070_00025_33145_4117.N1	02-JUL-2008 14:26:32	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33145	No
198	GOM_NL__2PRFIN20080702_143141_000000382070_00025_33145_4118.N1	02-JUL-2008 14:31:41	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33145	No
199	GOM_NL__2PRFIN20080702_143330_000000382070_00025_33145_4119.N1	02-JUL-2008 14:33:30	Twi_and_stray	38.000	40	The Sco	1.8590	7100.0	76	33145	No
200	GOM_NL__2PRFIN20080702_143510_000000392070_00025_33145_4120.N1	02-JUL-2008 14:35:10	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	33145	No
201	GOM_NL__2PRFIN20080702_143635_000000442070_00025_33145_4121.N1	02-JUL-2008 14:36:35	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	33145	No
202	GOM_NL__2PRFIN20080702_144120_000000372070_00025_33145_4122.N1	02-JUL-2008 14:41:20	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33145	No
203	GOM_NL__2PRFIN20080702_144655_000000382070_00025_33145_4123.N1	02-JUL-2008 14:46:55	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33145	No
204	GOM_NL__2PRFIN20080702_144914_000000372070_00025_33145_4124.N1	02-JUL-2008 14:49:14	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33145	No
205	GOM_NL__2PRFIN20080702_145201_000000372070_00025_33145_4125.N1	02-JUL-2008 14:52:01	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33145	No
206	GOM_NL__2PRFIN20080702_145444_000000342070_00025_33145_4126.N1	02-JUL-2008 14:54:44	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33145	No
207	GOM_NL__2PRFIN20080702_150038_000000382070_00025_33145_4127.N1	02-JUL-2008 15:00:38	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33145	No
208	GOM_NL__2PRFIN20080702_150307_000000362070_00025_33145_4128.N1	02-JUL-2008 15:03:07	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33145	No
209	GOM_NL__2PRFIN20080702_150709_000000372070_00025_33145_4129.N1	02-JUL-2008 15:07:09	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33145	No
210	GOM_NL__2PRFIN20080702_151119_000000352070_00025_33145_4130.N1	02-JUL-2008 15:11:19	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33145	No
211	GOM_NL__2PRFIN20080702_152134_000000372070_00025_33145_4131.N1	02-JUL-2008 15:21:34	Bright	36.500	160	23Gam Per	2.9300	4700.0	73	33145	No
212	GOM_NL__2PRFIN20080702_152320_000000352070_00025_33145_4132.N1	02-JUL-2008 15:23:20	Bright	34.500	175	39Del Per	3.0100	19400.	69	33145	No
213	GOM_NL__2PRFIN20080702_152529_000000432070_00025_33145_4133.N1	02-JUL-2008 15:25:29	Bright	42.500	79	26Bet Per	2.3100	13100.	85	33145	No
214	GOM_NL__2PRFIN20080702_153017_000000422070_00025_33145_4134.N1	02-JUL-2008 15:30:17	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	33145	No
215	GOM_NL__2PRFIN20080702_153703_000000502070_00025_33145_4135.N1	02-JUL-2008 15:37:03	Dark	50.000	94	92Alp Cet	2.5260	3100.0	100	33145	No
216	GOM_NL__2PRFIN20080702_154042_000000442070_00025_33145_4136.N1	02-JUL-2008 15:40:42	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33145	No
217	GOM_NL__2PRFIN20080702_154911_000000392070_00025_33145_4137.N1	02-JUL-2008 15:49:11	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33145	No
218	GOM_NL__2PRFIN20080702_155520_000000412070_00026_33146_4130.N1	02-JUL-2008 15:55:20	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33146	No
219	GOM_NL__2PRFIN20080702_155952_000000372070_00026_33146_4131.N1	02-JUL-2008 15:59:52	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33146	No



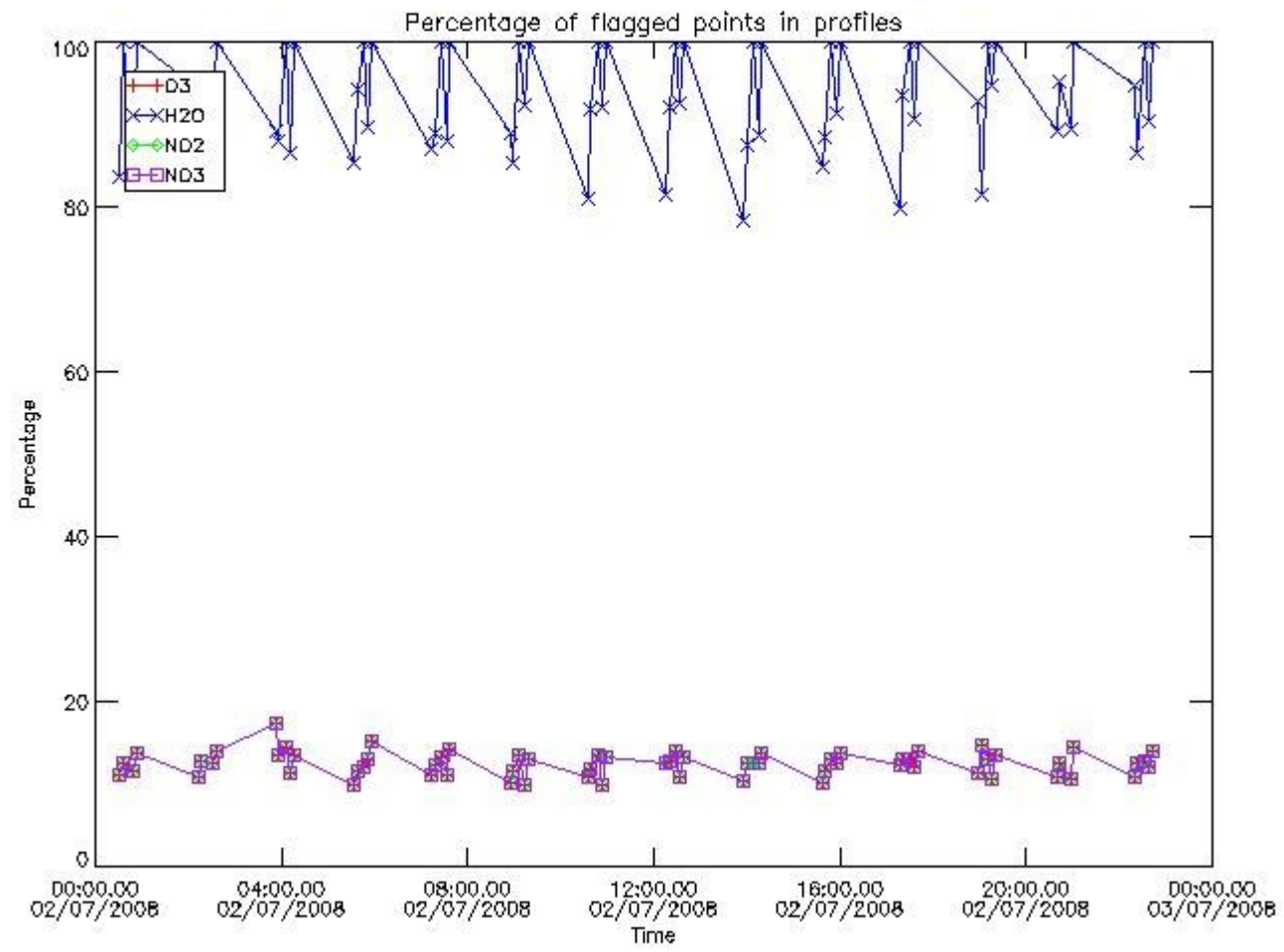
220	GOM_NL__2PRFIN20080702_160250_000000422070_00026_33146_4132.N1	02-JUL-2008 16:02:50	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33146	No
221	GOM_NL__2PRFIN20080702_160709_000000412070_00026_33146_4133.N1	02-JUL-2008 16:07:09	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33146	No
222	GOM_NL__2PRFIN20080702_161218_000000392070_00026_33146_4134.N1	02-JUL-2008 16:12:18	Tw_i_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	33146	No
223	GOM_NL__2PRFIN20080702_161407_000000432070_00026_33146_4135.N1	02-JUL-2008 16:14:07	Tw_i_and_stray	43.000	40	The Sco	1.8590	7100.0	86	33146	No
224	GOM_NL__2PRFIN20080702_161546_000000432070_00026_33146_4136.N1	02-JUL-2008 16:15:46	Tw_i_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	33146	No
225	GOM_NL__2PRFIN20080702_161712_000000462070_00026_33146_4137.N1	02-JUL-2008 16:17:12	Bright	45.500	116	19Del Sgr	2.7000	4100.0	91	33146	No
226	GOM_NL__2PRFIN20080702_161823_000000422070_00026_33146_4138.N1	02-JUL-2008 16:18:23	Bright	41.500	137	22Lam Sgr	2.8240	4400.0	83	33146	No
227	GOM_NL__2PRFIN20080702_162157_000000372070_00026_33146_4139.N1	02-JUL-2008 16:21:57	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33146	No
228	GOM_NL__2PRFIN20080702_162732_000000382070_00026_33146_4140.N1	02-JUL-2008 16:27:32	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33146	No
229	GOM_NL__2PRFIN20080702_162951_000000382070_00026_33146_4141.N1	02-JUL-2008 16:29:51	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33146	No
230	GOM_NL__2PRFIN20080702_163238_000000362070_00026_33146_4142.N1	02-JUL-2008 16:32:38	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33146	No
231	GOM_NL__2PRFIN20080702_163520_000000362070_00026_33146_4143.N1	02-JUL-2008 16:35:20	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33146	No
232	GOM_NL__2PRFIN20080702_164115_000000382070_00026_33146_4144.N1	02-JUL-2008 16:41:15	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33146	No
233	GOM_NL__2PRFIN20080702_164343_000000522070_00026_33146_4145.N1	02-JUL-2008 16:43:43	Bright	52.000	119	14Eta Dra	2.7270	4700.0	104	33146	No
234	GOM_NL__2PRFIN20080702_164745_000000342070_00026_33146_4146.N1	02-JUL-2008 16:47:45	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33146	No
235	GOM_NL__2PRFIN20080702_165155_000000342070_00026_33146_4147.N1	02-JUL-2008 16:51:55	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33146	No
236	GOM_NL__2PRFIN20080702_170211_000000372070_00026_33146_4148.N1	02-JUL-2008 17:02:11	Bright	37.000	160	23Gam Per	2.9300	4700.0	74	33146	No
237	GOM_NL__2PRFIN20080702_170356_000000342070_00026_33146_4149.N1	02-JUL-2008 17:03:56	Bright	34.000	175	39Del Per	3.0100	19400.	68	33146	No
238	GOM_NL__2PRFIN20080702_170605_000000382070_00026_33146_4150.N1	02-JUL-2008 17:06:05	Bright	38.000	79	26Bet Per	2.3100	13100.	76	33146	No
239	GOM_NL__2PRFIN20080702_171054_000000392070_00026_33146_4151.N1	02-JUL-2008 17:10:54	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	33146	No
240	GOM_NL__2PRFIN20080702_171740_000000502070_00026_33146_4152.N1	02-JUL-2008 17:17:40	Dark	50.000	94	92Alp Cet	2.5260	3100.0	100	33146	No
241	GOM_NL__2PRFIN20080702_172119_000000402070_00026_33146_4153.N1	02-JUL-2008 17:21:19	Dark	39.500	165	34Gam Eri	2.9500	3200.0	79	33146	No
242	GOM_NL__2PRFIN20080702_172947_000000402070_00026_33146_4154.N1	02-JUL-2008 17:29:47	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33146	No
243	GOM_NL__2PRFIN20080702_173556_000000432070_00027_33147_4139.N1	02-JUL-2008 17:35:56	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33147	No
244	GOM_NL__2PRFIN20080702_174028_000000372070_00027_33147_4140.N1	02-JUL-2008 17:40:28	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33147	No
245	GOM_NL__2PRFIN20080702_174327_000000422070_00027_33147_4141.N1	02-JUL-2008 17:43:27	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33147	No
246	GOM_NL__2PRFIN20080702_174745_000000412070_00027_33147_4142.N1	02-JUL-2008 17:47:45	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33147	No
247	GOM_NL__2PRFIN20080702_175254_000000362070_00027_33147_4143.N1	02-JUL-2008 17:52:54	Tw_i_and_stray	35.500	147	Alp Ara	2.8770	26000.	71	33147	No
248	GOM_NL__2PRFIN20080702_175443_000000422070_00027_33147_4144.N1	02-JUL-2008 17:54:43	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33147	No
249	GOM_NL__2PRFIN20080702_175622_000000412070_00027_33147_4145.N1	02-JUL-2008 17:56:22	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33147	No
250	GOM_NL__2PRFIN20080702_175748_000000542070_00027_33147_4146.N1	02-JUL-2008 17:57:48	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33147	No
251	GOM_NL__2PRFIN20080702_175900_000000412070_00027_33147_4147.N1	02-JUL-2008 17:59:00	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	33147	No
252	GOM_NL__2PRFIN20080702_180233_000000362070_00027_33147_4148.N1	02-JUL-2008 18:02:33	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33147	No
253	GOM_NL__2PRFIN20080702_180808_000000382070_00027_33147_4149.N1	02-JUL-2008 18:08:08	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33147	No
254	GOM_NL__2PRFIN20080702_181027_000000382070_00027_33147_4150.N1	02-JUL-2008 18:10:27	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33147	No
255	GOM_NL__2PRFIN20080702_181314_000000362070_00027_33147_4151.N1	02-JUL-2008 18:13:14	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33147	No
256	GOM_NL__2PRFIN20080702_181556_000000372070_00027_33147_4152.N1	02-JUL-2008 18:15:56	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33147	No
257	GOM_NL__2PRFIN20080702_182150_000000362070_00027_33147_4153.N1	02-JUL-2008 18:21:50	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	33147	No
258	GOM_NL__2PRFIN20080702_182419_000000362070_00027_33147_4154.N1	02-JUL-2008 18:24:19	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33147	No
259	GOM_NL__2PRFIN20080702_182821_000000342070_00027_33147_4155.N1	02-JUL-2008 18:28:21	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33147	No
260	GOM_NL__2PRFIN20080702_183231_000000362070_00027_33147_4156.N1	02-JUL-2008 18:32:31	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33147	No
261	GOM_NL__2PRFIN20080702_184247_000000432070_00027_33147_4157.N1	02-JUL-2008 18:42:47	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	33147	No
262	GOM_NL__2PRFIN20080702_184432_000000522070_00027_33147_4158.N1	02-JUL-2008 18:44:32	Bright	51.500	175	39Del Per	3.0100	19400.	103	33147	No
263	GOM_NL__2PRFIN20080702_184642_000000392070_00027_33147_4159.N1	02-JUL-2008 18:46:42	Bright	39.000	79	26Bet Per	2.3100	13100.	78	33147	No
264	GOM_NL__2PRFIN20080702_185130_000000402070_00027_33147_4160.N1	02-JUL-2008 18:51:30	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33147	No
265	GOM_NL__2PRFIN20080702_185816_000000502070_00027_33147_4161.N1	02-JUL-2008 18:58:16	Dark	49.500	94	92Alp Cet	2.5260	3100.0	99	33147	No
266	GOM_NL__2PRFIN20080702_190155_000000382070_00027_33147_4162.N1	02-JUL-2008 19:01:55	Dark	38.000	165	34Gam Eri	2.9500	3200.0	76	33147	No
267	GOM_NL__2PRFIN20080702_191024_000000402070_00027_33147_4163.N1	02-JUL-2008 19:10:24	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33147	No
268	GOM_NL__2PRFIN20080702_191633_000000482070_00028_33148_4161.N1	02-JUL-2008 19:16:33	Dark	48.000	9	Alp Eri	0.45300	24000.	96	33148	No
269	GOM_NL__2PRFIN20080702_192104_000000382070_00028_33148_4162.N1	02-JUL-2008 19:21:04	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33148	No
270	GOM_NL__2PRFIN20080702_192403_000000412070_00028_33148_4163.N1	02-JUL-2008 19:24:03	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33148	No
271	GOM_NL__2PRFIN20080702_192822_000000402070_00028_33148_4164.N1	02-JUL-2008 19:28:22	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33148	No
272	GOM_NL__2PRFIN20080702_193330_000000392070_00028_33148_4165.N1	02-JUL-2008 19:33:30	Tw_i_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	33148	No
273	GOM_NL__2PRFIN20080702_193519_000000422070_00028_33148_4166.N1	02-JUL-2008 19:35:19	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33148	No
274	GOM_NL__2PRFIN20080702_193658_000000422070_00028_33148_4167.N1	02-JUL-2008 19:36:58	Tw_i_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	33148	No
275	GOM_NL__2PRFIN20080702_193824_000000472070_00028_33148_4168.N1	02-JUL-2008 19:38:24	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	33148	No
276	GOM_NL__2PRFIN20080702_193936_000000412070_00028_33148_4169.N1	02-JUL-2008 19:39:36	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	33148	No
277	GOM_NL__2PRFIN20080702_194309_000000372070_00028_33148_4170.N1	02-JUL-2008 19:43:09	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33148	No
278	GOM_NL__2PRFIN20080702_194844_000000382070_00028_33148_4171.N1	02-JUL-2008 19:48:44	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33148	No

279	GOM_NL__2PRFIN20080702_195102_000000382070_00028_33148_4172.N1	02-JUL-2008 19:51:02	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33148	No
280	GOM_NL__2PRFIN20080702_195350_000000352070_00028_33148_4173.N1	02-JUL-2008 19:53:50	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33148	No
281	GOM_NL__2PRFIN20080702_195632_000000372070_00028_33148_4174.N1	02-JUL-2008 19:56:32	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33148	No
282	GOM_NL__2PRFIN20080702_200226_000000472070_00028_33148_4175.N1	02-JUL-2008 20:02:26	Bright	46.500	130	23Bet Dra	2.7990	5800.0	93	33148	No
283	GOM_NL__2PRFIN20080702_200455_000000362070_00028_33148_4176.N1	02-JUL-2008 20:04:55	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33148	No
284	GOM_NL__2PRFIN20080702_200857_000000372070_00028_33148_4177.N1	02-JUL-2008 20:08:57	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33148	No
285	GOM_NL__2PRFIN20080702_201307_000000362070_00028_33148_4178.N1	02-JUL-2008 20:13:07	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33148	No
286	GOM_NL__2PRFIN20080702_202322_000000372070_00028_33148_4179.N1	02-JUL-2008 20:23:22	Bright	36.500	160	23Gam Per	2.9300	4700.0	73	33148	No
287	GOM_NL__2PRFIN20080702_202508_000000342070_00028_33148_4180.N1	02-JUL-2008 20:25:08	Bright	34.000	175	39Del Per	3.0100	19400.	68	33148	No
288	GOM_NL__2PRFIN20080702_202717_000000282070_00028_33148_4181.N1	02-JUL-2008 20:27:17	Bright	28.000	79	26Bet Per	2.3100	13100.	56	33148	No
289	GOM_NL__2PRFIN20080702_203206_000000402070_00028_33148_4182.N1	02-JUL-2008 20:32:06	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33148	No
290	GOM_NL__2PRFIN20080702_203853_000000472070_00028_33148_4183.N1	02-JUL-2008 20:38:53	Dark	47.000	94	92Alp Cet	2.5260	3100.0	94	33148	No
291	GOM_NL__2PRFIN20080702_204231_000000412070_00028_33148_4184.N1	02-JUL-2008 20:42:31	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	33148	No
292	GOM_NL__2PRFIN20080702_205709_000000482070_00029_33149_4172.N1	02-JUL-2008 20:57:09	Dark	48.000	9	Alp Eri	0.45300	24000.	96	33149	No
293	GOM_NL__2PRFIN20080702_210140_000000362070_00029_33149_4173.N1	02-JUL-2008 21:01:40	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33149	No
294	GOM_NL__2PRFIN20080702_210440_000000422070_00029_33149_4174.N1	02-JUL-2008 21:04:40	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33149	No
295	GOM_NL__2PRFIN20080702_210858_000000412070_00029_33149_4175.N1	02-JUL-2008 21:08:58	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33149	No
296	GOM_NL__2PRFIN20080702_211406_000000372070_00029_33149_4176.N1	02-JUL-2008 21:14:06	Tw_i_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33149	No
297	GOM_NL__2PRFIN20080702_211555_000000422070_00029_33149_4177.N1	02-JUL-2008 21:15:55	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33149	No
298	GOM_NL__2PRFIN20080702_211734_000000402070_00029_33149_4178.N1	02-JUL-2008 21:17:34	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33149	No
299	GOM_NL__2PRFIN20080702_211900_000000482070_00029_33149_4179.N1	02-JUL-2008 21:19:00	Bright	47.500	116	19Del Sgr	2.7000	4100.0	95	33149	No
300	GOM_NL__2PRFIN20080702_212012_000000402070_00029_33149_4180.N1	02-JUL-2008 21:20:12	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	33149	No
301	GOM_NL__2PRFIN20080702_212345_000000372070_00029_33149_4181.N1	02-JUL-2008 21:23:45	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33149	No
302	GOM_NL__2PRFIN20080702_212919_000000372070_00029_33149_4182.N1	02-JUL-2008 21:29:19	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33149	No
303	GOM_NL__2PRFIN20080702_213138_000000372070_00029_33149_4183.N1	02-JUL-2008 21:31:38	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33149	No
304	GOM_NL__2PRFIN20080702_213426_000000372070_00029_33149_4184.N1	02-JUL-2008 21:34:26	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33149	No
305	GOM_NL__2PRFIN20080702_213708_000000362070_00029_33149_4185.N1	02-JUL-2008 21:37:08	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33149	No
306	GOM_NL__2PRFIN20080702_214302_000000392070_00029_33149_4186.N1	02-JUL-2008 21:43:02	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33149	No
307	GOM_NL__2PRFIN20080702_214531_000000372070_00029_33149_4187.N1	02-JUL-2008 21:45:31	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33149	No
308	GOM_NL__2PRFIN20080702_214933_000000372070_00029_33149_4188.N1	02-JUL-2008 21:49:33	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33149	No
309	GOM_NL__2PRFIN20080702_215343_000000362070_00029_33149_4189.N1	02-JUL-2008 21:53:43	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33149	No
310	GOM_NL__2PRFIN20080702_220358_000000532070_00029_33149_4190.N1	02-JUL-2008 22:03:58	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	33149	No
311	GOM_NL__2PRFIN20080702_220544_000000362070_00029_33149_4191.N1	02-JUL-2008 22:05:44	Bright	35.500	175	39Del Per	3.0100	19400.	71	33149	No
312	GOM_NL__2PRFIN20080702_220753_000000282070_00029_33149_4192.N1	02-JUL-2008 22:07:53	Bright	28.000	79	26Bet Per	2.3100	13100.	56	33149	No
313	GOM_NL__2PRFIN20080702_221242_000000402070_00029_33149_4193.N1	02-JUL-2008 22:12:42	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33149	No
314	GOM_NL__2PRFIN20080702_221929_000000472070_00029_33149_4194.N1	02-JUL-2008 22:19:29	Dark	47.000	94	92Alp Cet	2.5260	3100.0	94	33149	No
315	GOM_NL__2PRFIN20080702_222307_000000412070_00029_33149_4195.N1	02-JUL-2008 22:23:07	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	33149	No
316	GOM_NL__2PRFIN20080702_223136_000000402070_00029_33149_4196.N1	02-JUL-2008 22:31:36	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33149	No
317	GOM_NL__2PRFIN20080702_223746_000000422070_00030_33150_4196.N1	02-JUL-2008 22:37:46	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33150	No
318	GOM_NL__2PRFIN20080702_224217_000000372070_00030_33150_4197.N1	02-JUL-2008 22:42:17	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33150	No
319	GOM_NL__2PRFIN20080702_224516_000000392070_00030_33150_4198.N1	02-JUL-2008 22:45:16	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	33150	No
320	GOM_NL__2PRFIN20080702_224934_000000402070_00030_33150_4199.N1	02-JUL-2008 22:49:34	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33150	No
321	GOM_NL__2PRFIN20080702_225442_000000392070_00030_33150_4200.N1	02-JUL-2008 22:54:42	Tw_i_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	33150	No
322	GOM_NL__2PRFIN20080702_225631_000000402070_00030_33150_4201.N1	02-JUL-2008 22:56:31	Tw_i_and_stray	40.000	40	The Sco	1.8590	7100.0	80	33150	No
323	GOM_NL__2PRFIN20080702_225811_000000422070_00030_33150_4202.N1	02-JUL-2008 22:58:11	Tw_i_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	33150	No
324	GOM_NL__2PRFIN20080702_225936_000000452070_00030_33150_4203.N1	02-JUL-2008 22:59:36	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	33150	No
325	GOM_NL__2PRFIN20080702_230048_000000552070_00030_33150_4204.N1	02-JUL-2008 23:00:48	Bright	55.000	137	22Lam Sgr	2.8240	4400.0	110	33150	No
326	GOM_NL__2PRFIN20080702_230421_000000522070_00030_33150_4205.N1	02-JUL-2008 23:04:21	Bright	52.000	86	35Eta Oph	2.4300	10200.	104	33150	No
327	GOM_NL__2PRFIN20080702_230955_000000372070_00030_33150_4206.N1	02-JUL-2008 23:09:55	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33150	No
328	GOM_NL__2PRFIN20080702_231214_000000382070_00030_33150_4207.N1	02-JUL-2008 23:12:14	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33150	No
329	GOM_NL__2PRFIN20080702_231502_000000352070_00030_33150_4208.N1	02-JUL-2008 23:15:02	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33150	No
330	GOM_NL__2PRFIN20080702_231744_000000352070_00030_33150_4209.N1	02-JUL-2008 23:17:44	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33150	No
331	GOM_NL__2PRFIN20080702_232338_000000372070_00030_33150_4210.N1	02-JUL-2008 23:23:38	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33150	No
332	GOM_NL__2PRFIN20080702_232607_000000322070_00030_33150_4211.N1	02-JUL-2008 23:26:07	Bright	32.000	119	14Eta Dra	2.7270	4700.0	64	33150	No
333	GOM_NL__2PRFIN20080702_233010_000000382070_00030_33150_4212.N1	02-JUL-2008 23:30:10	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	33150	No
334	GOM_NL__2PRFIN20080702_233418_000000362070_00030_33150_4213.N1	02-JUL-2008 23:34:18	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33150	No
335	GOM_NL__2PRFIN20080702_234434_000000362070_00030_33150_4214.N1	02-JUL-2008 23:44:34	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	33150	No
336	GOM_NL__2PRFIN20080702_234620_000000342070_00030_33150_4215.N1	02-JUL-2008 23:46:20	Bright	34.000	175	39Del Per	3.0100	19400.	68	33150	No
337	GOM_NL__2PRFIN20080702_235318_000000402070_00030_33150_4216.N1	02-JUL-2008 23:53:18	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33150	No

### 3. Quality information per product

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

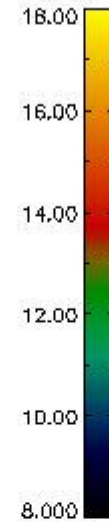
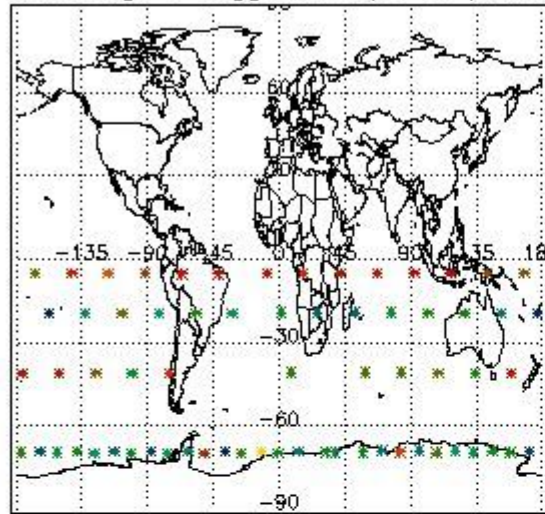
#### 3.1 Plot quality information per product (time dependant)



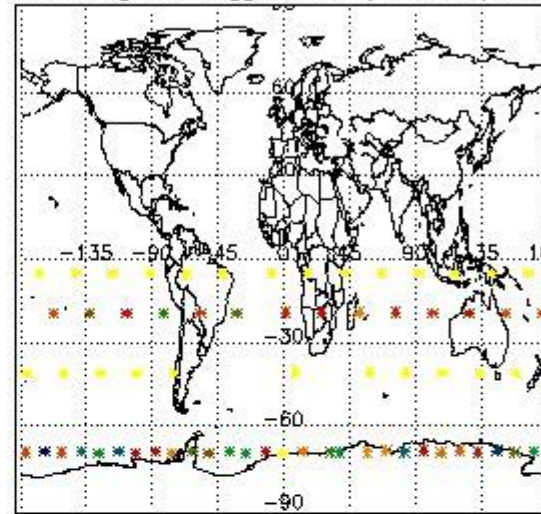
#### 3.2 Plot quality information per product (world map)



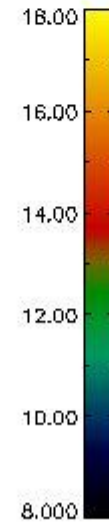
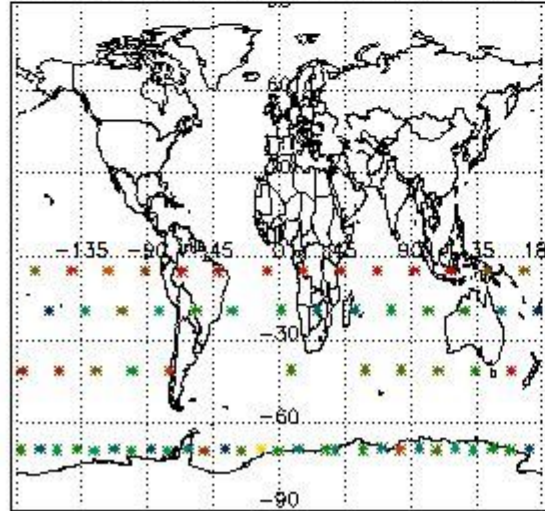
Percentage of flagged data per O3 profile



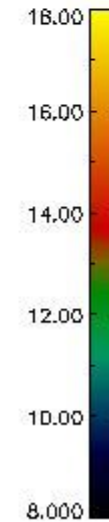
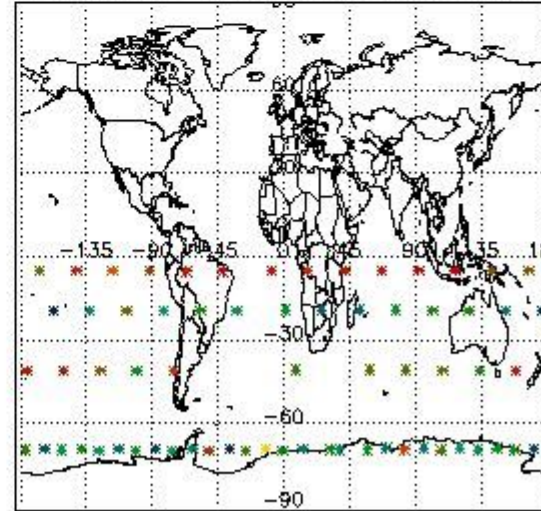
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



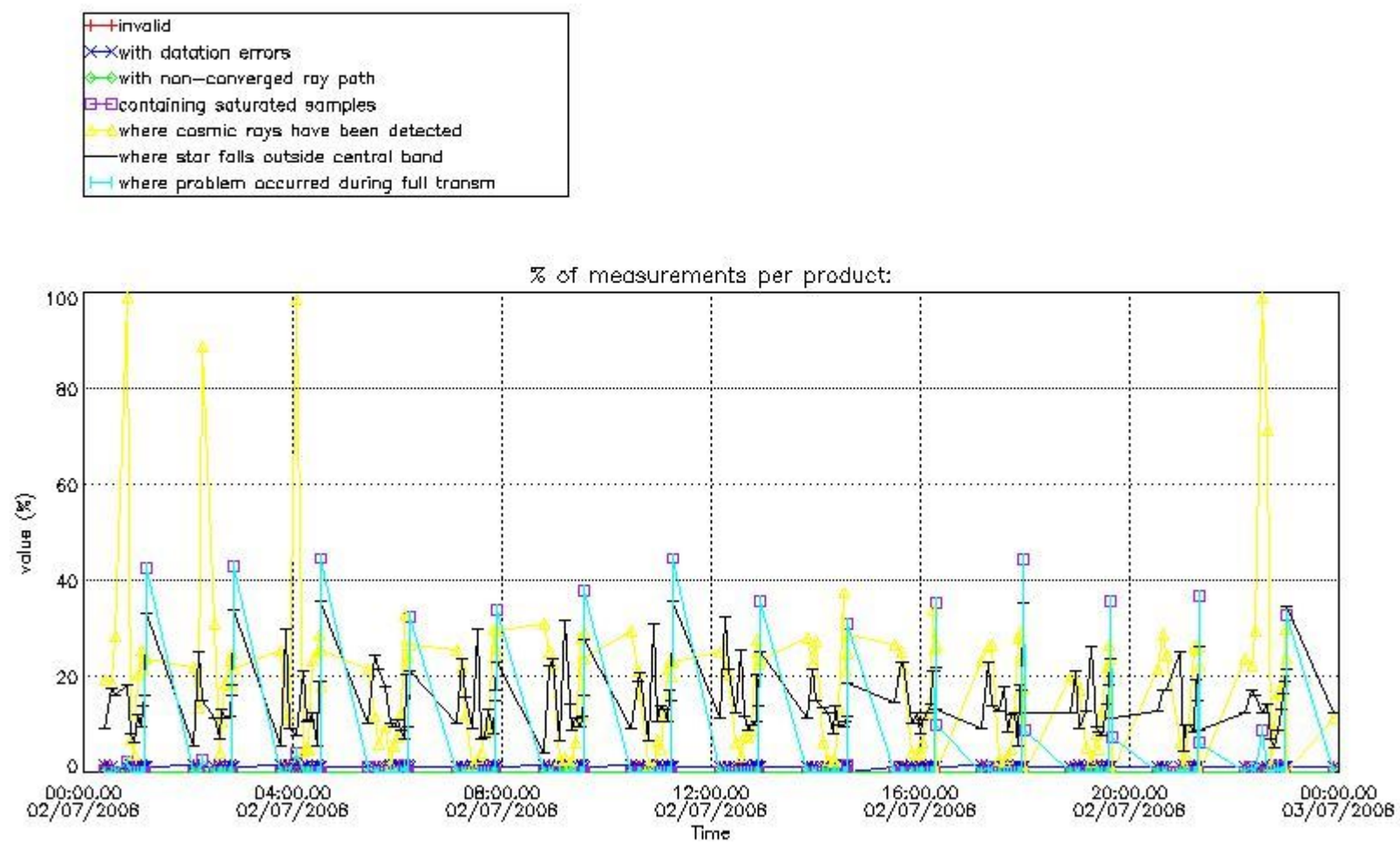
#### 4. Level 1 quality information per product

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

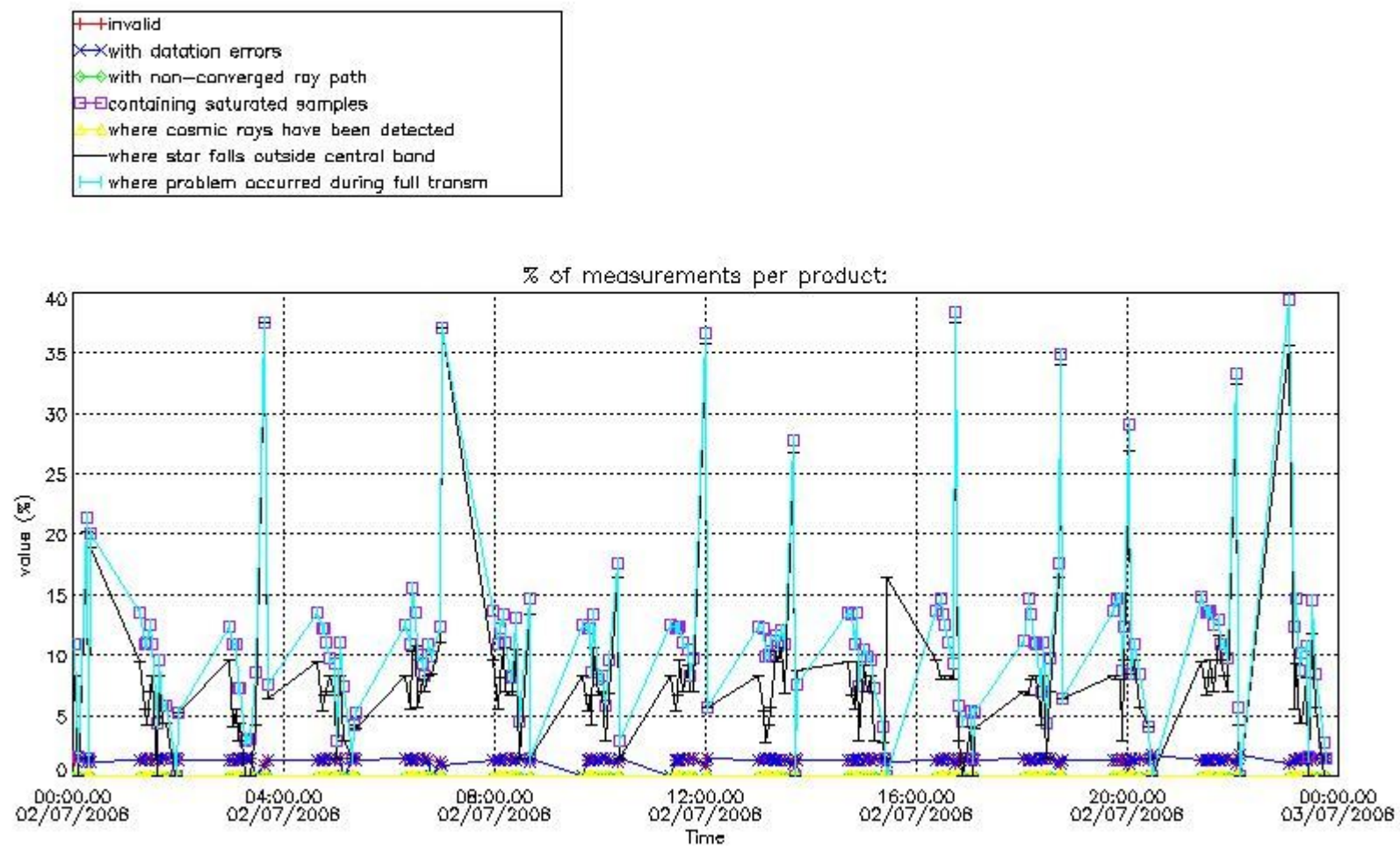
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



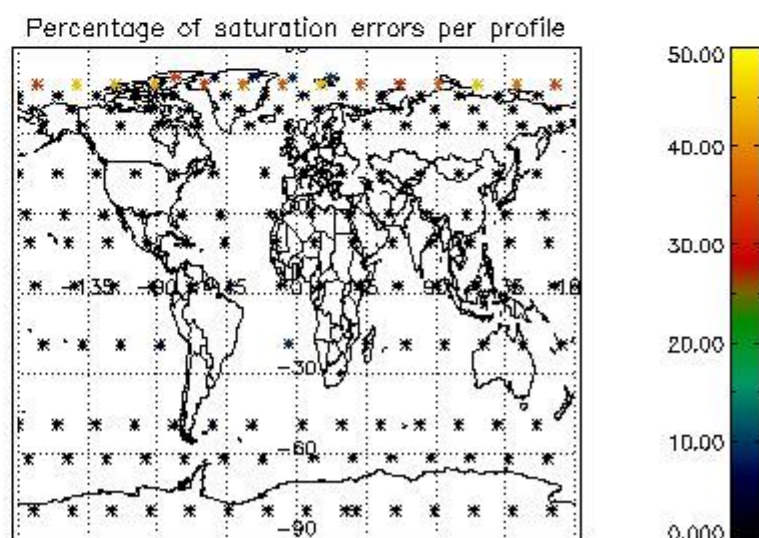
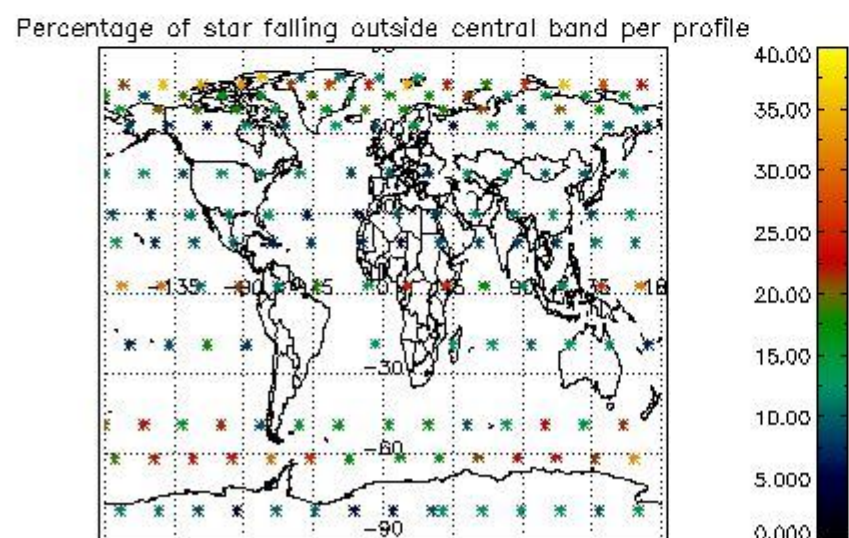
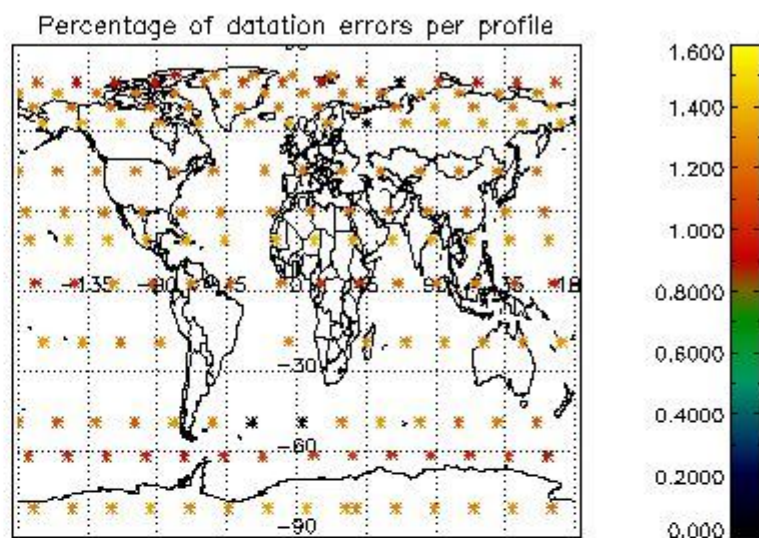
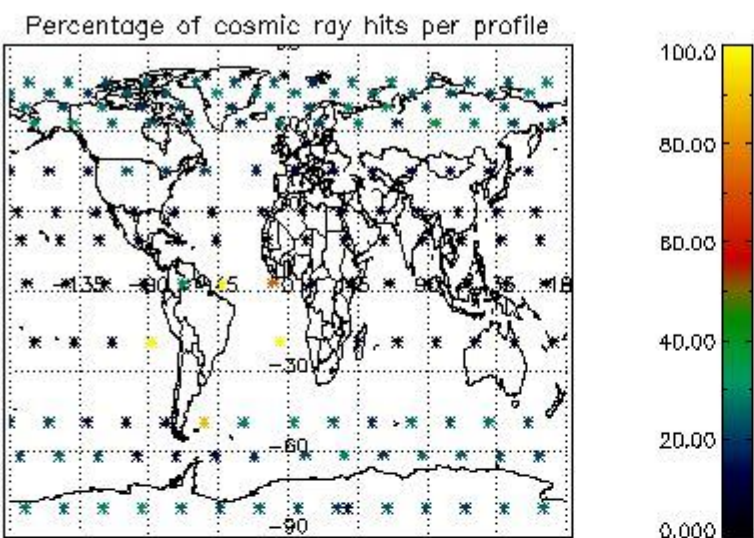


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



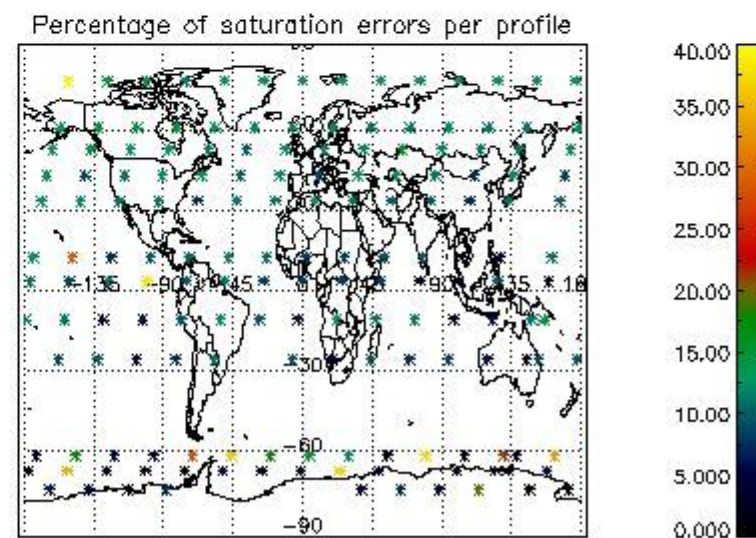
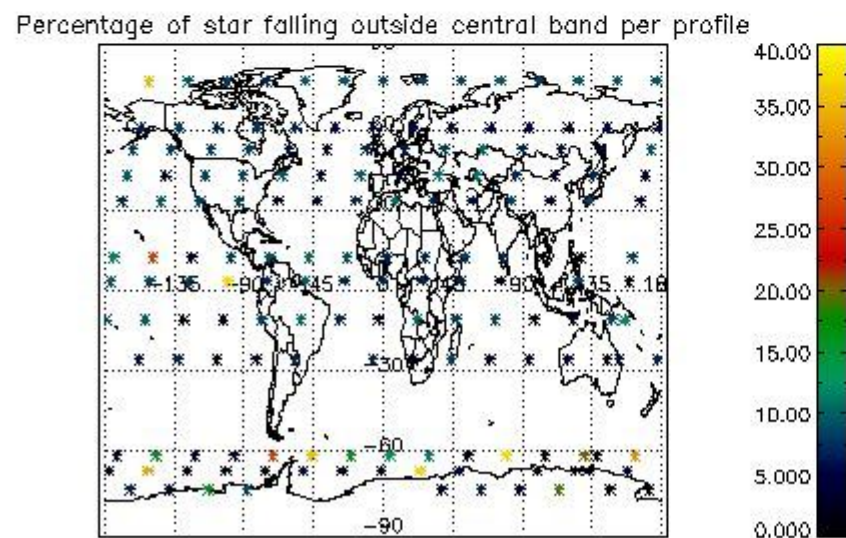
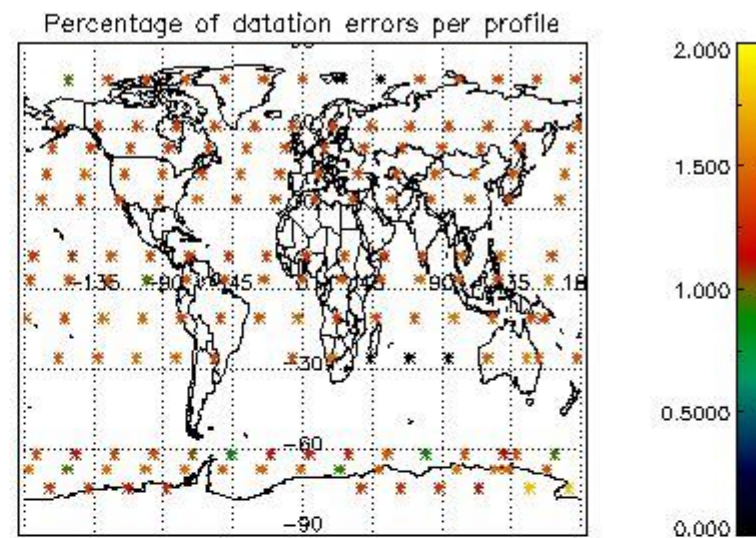
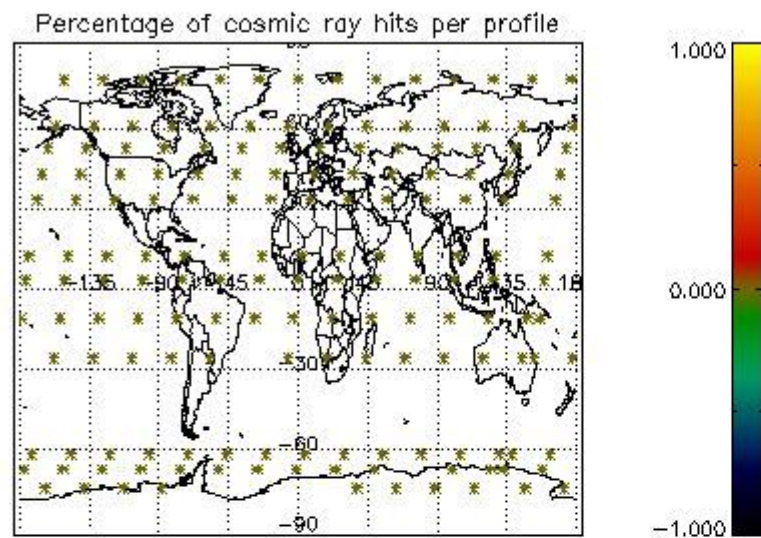
*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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.

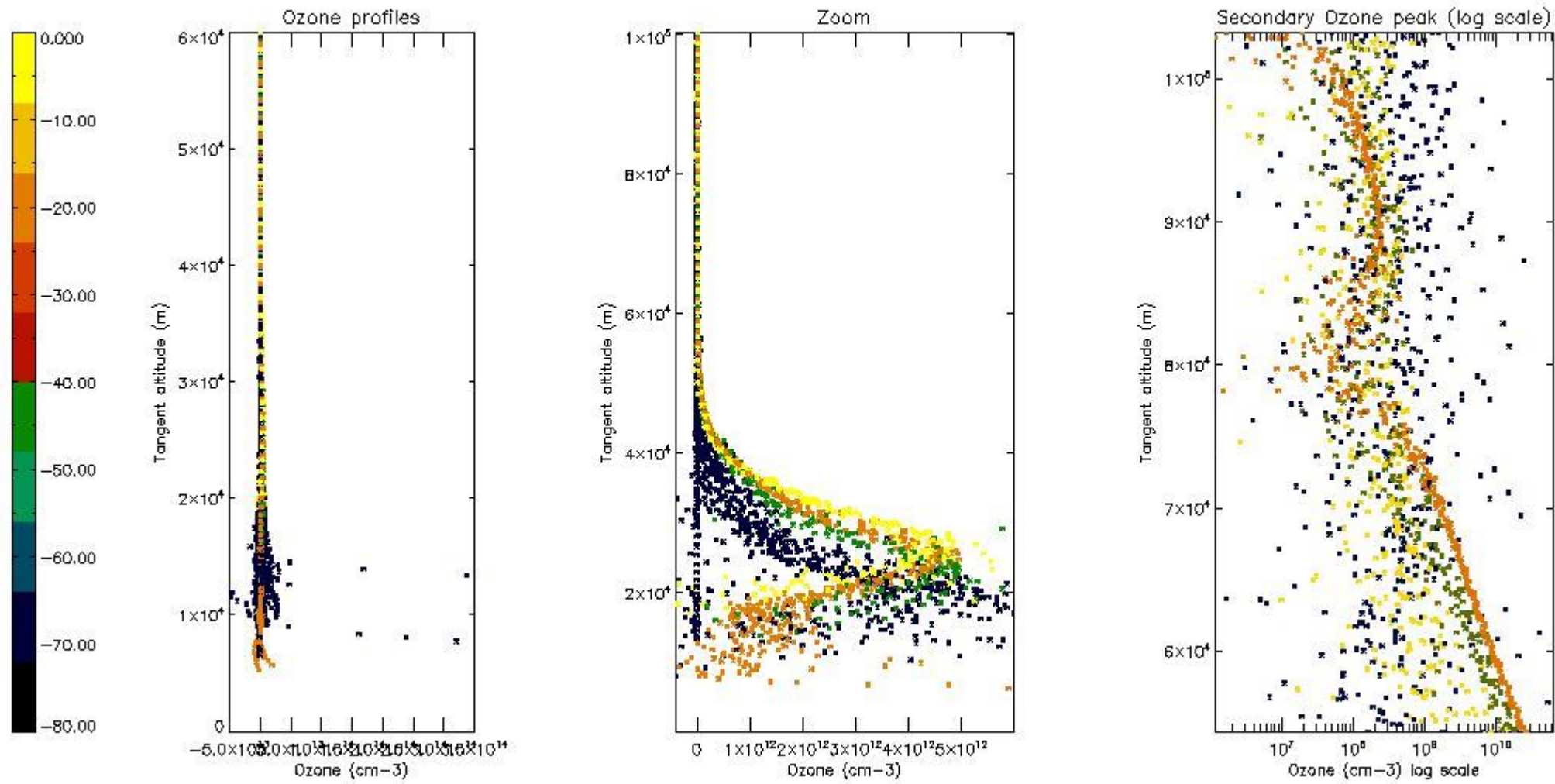
Criteria	% of total production
All STD	22
STD < 20	8



STD < 10	5
STD < 5	2

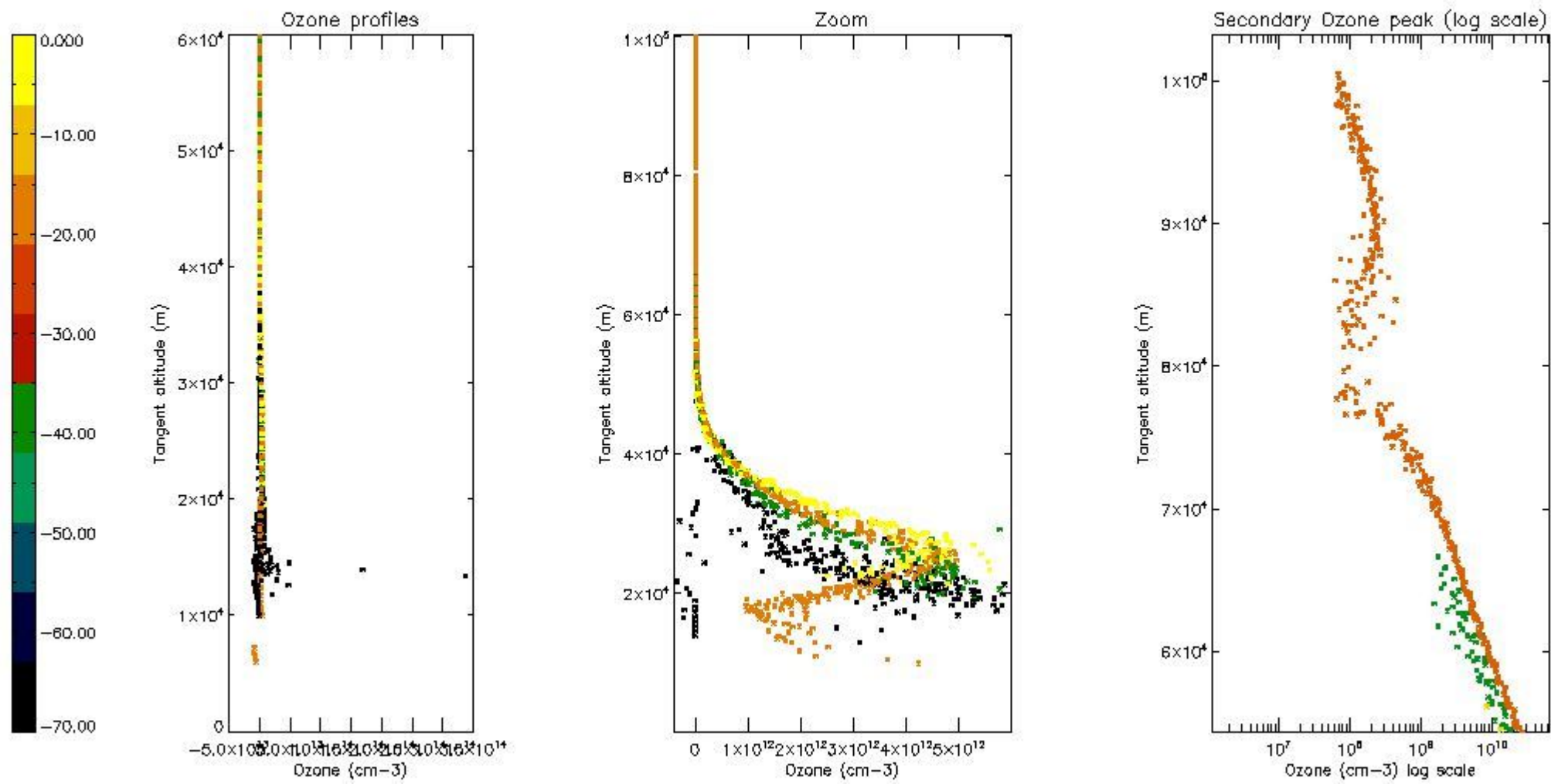
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



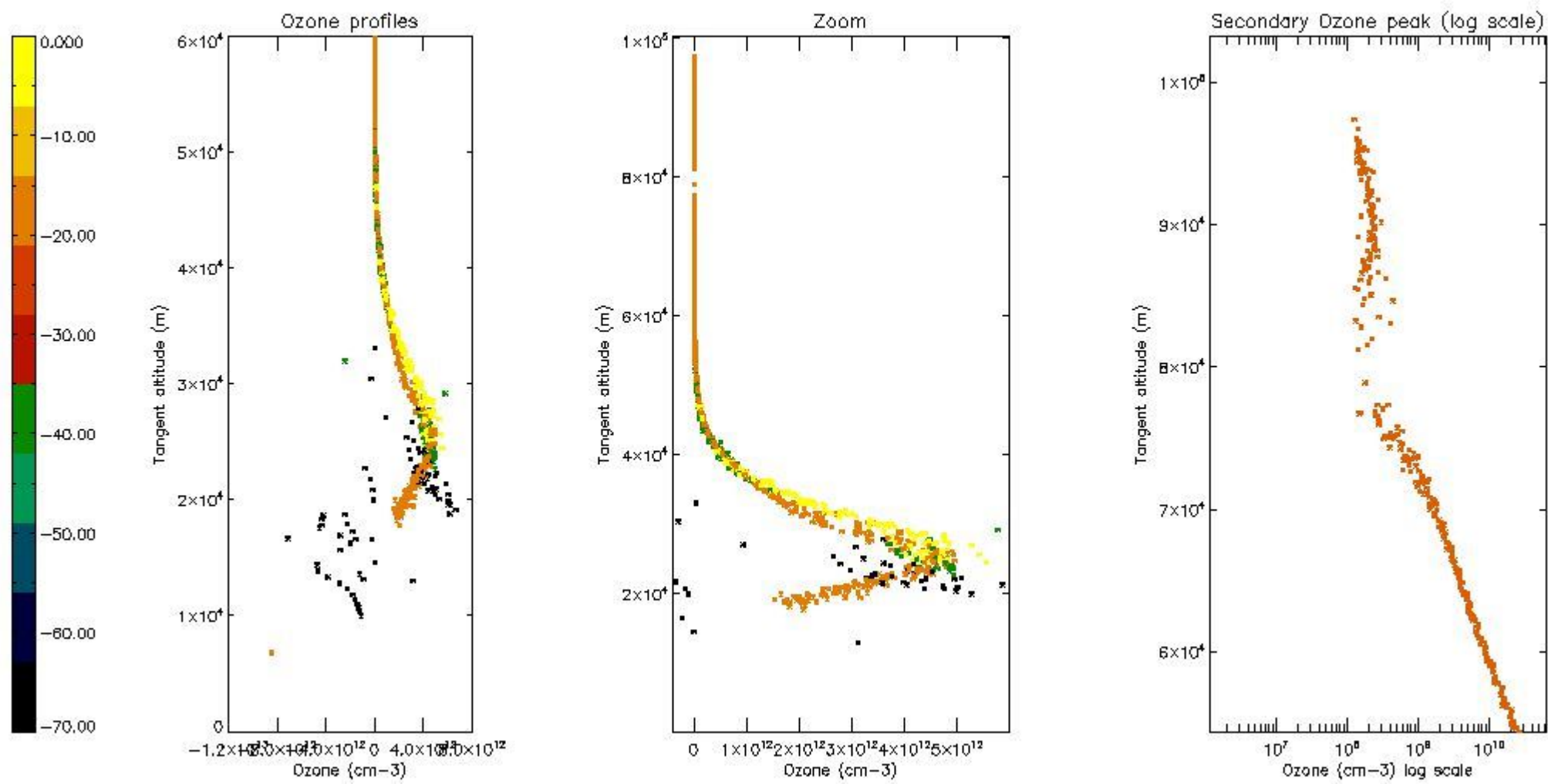
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

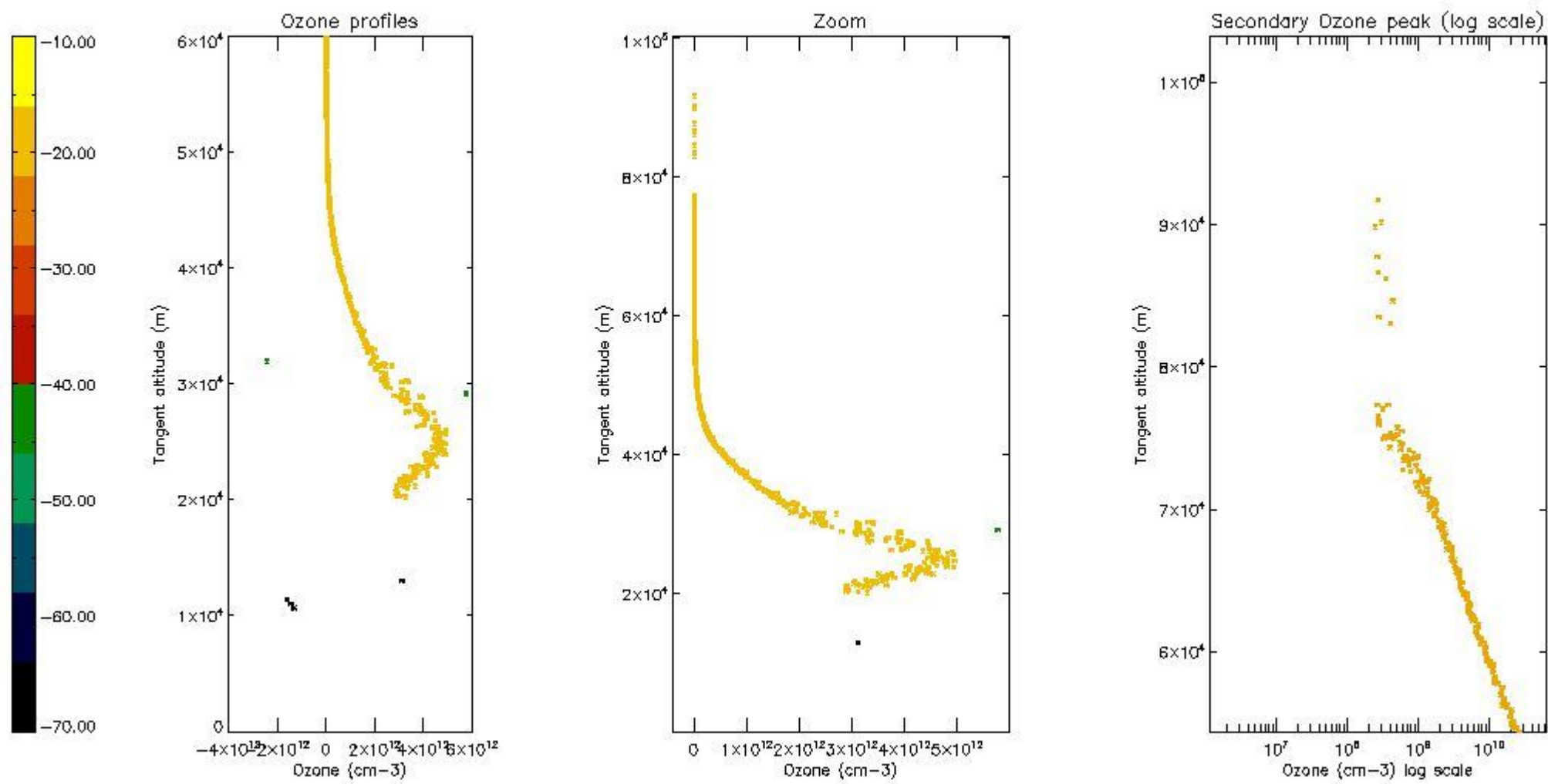
The colorbar represents the latitude.



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

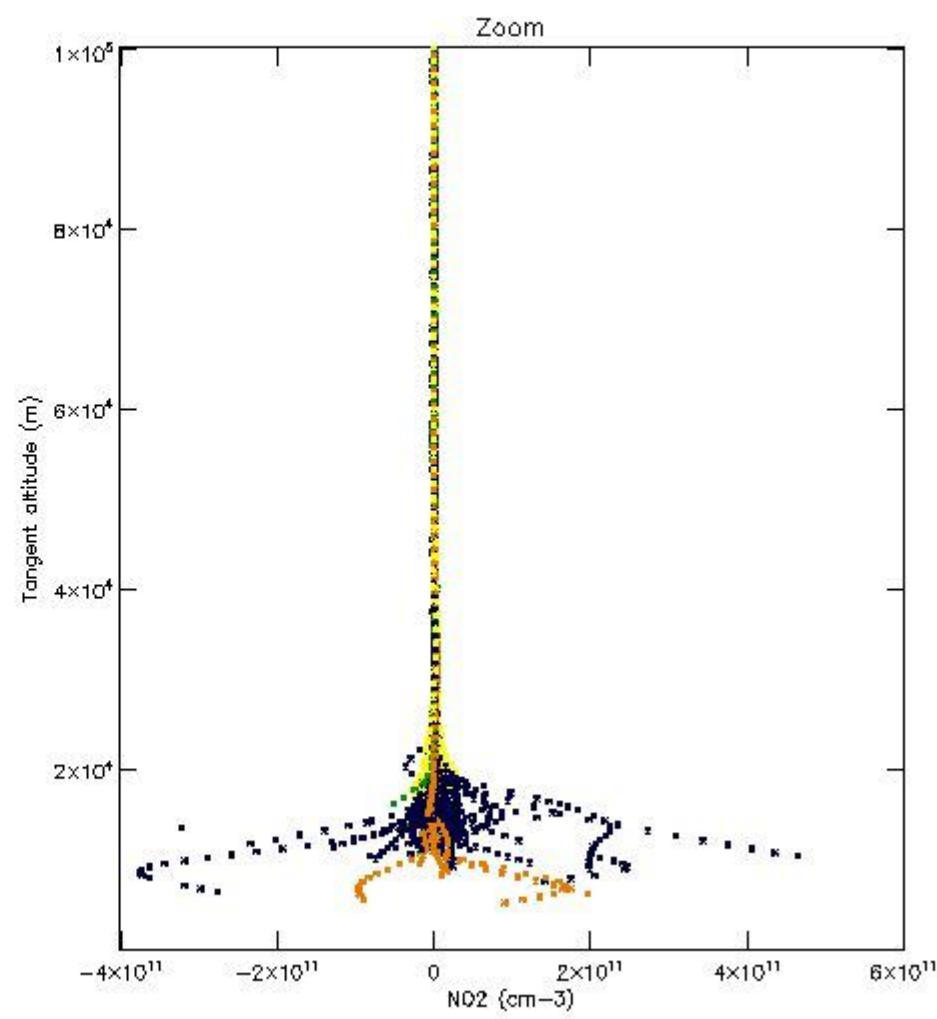
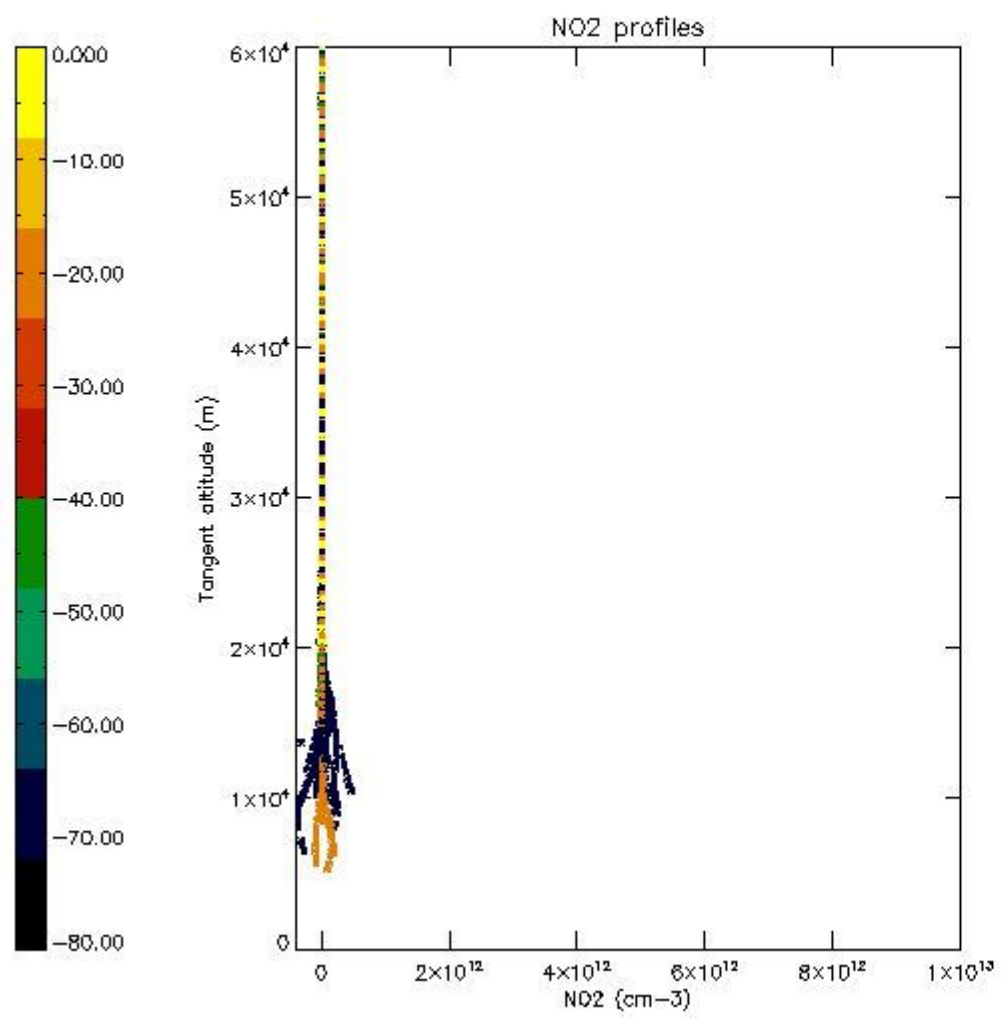
The colorbar represents the latitude.





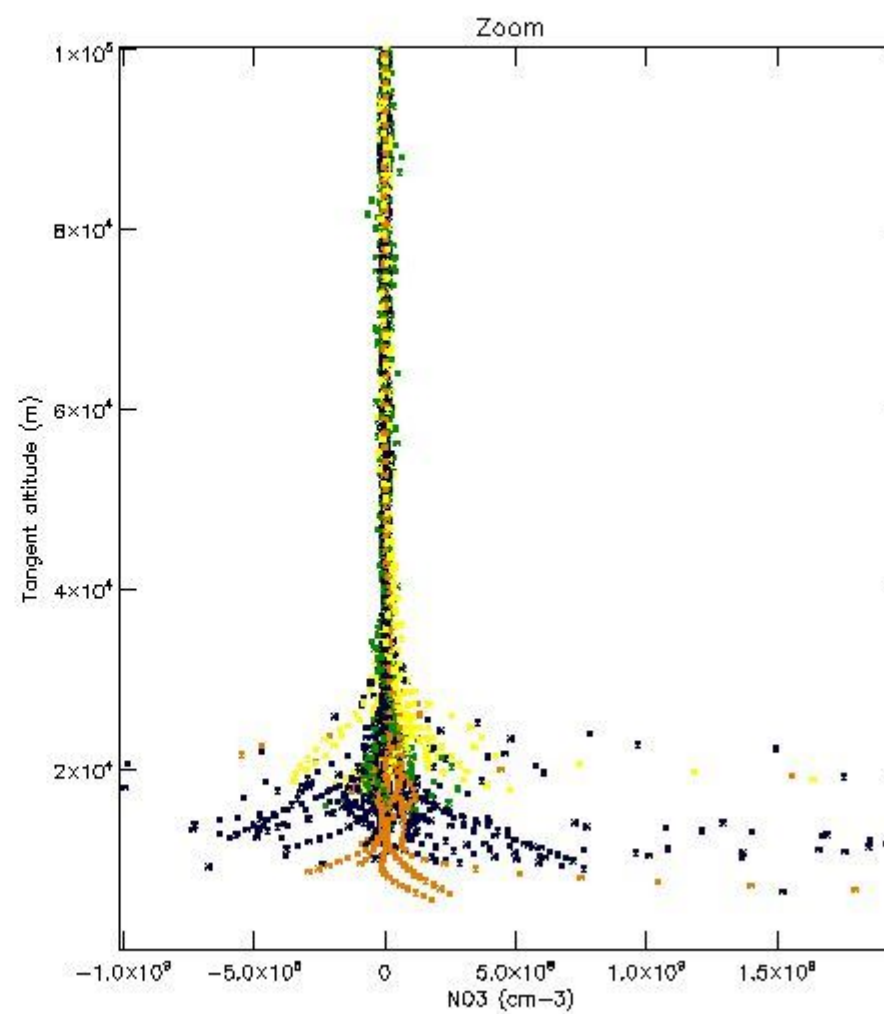
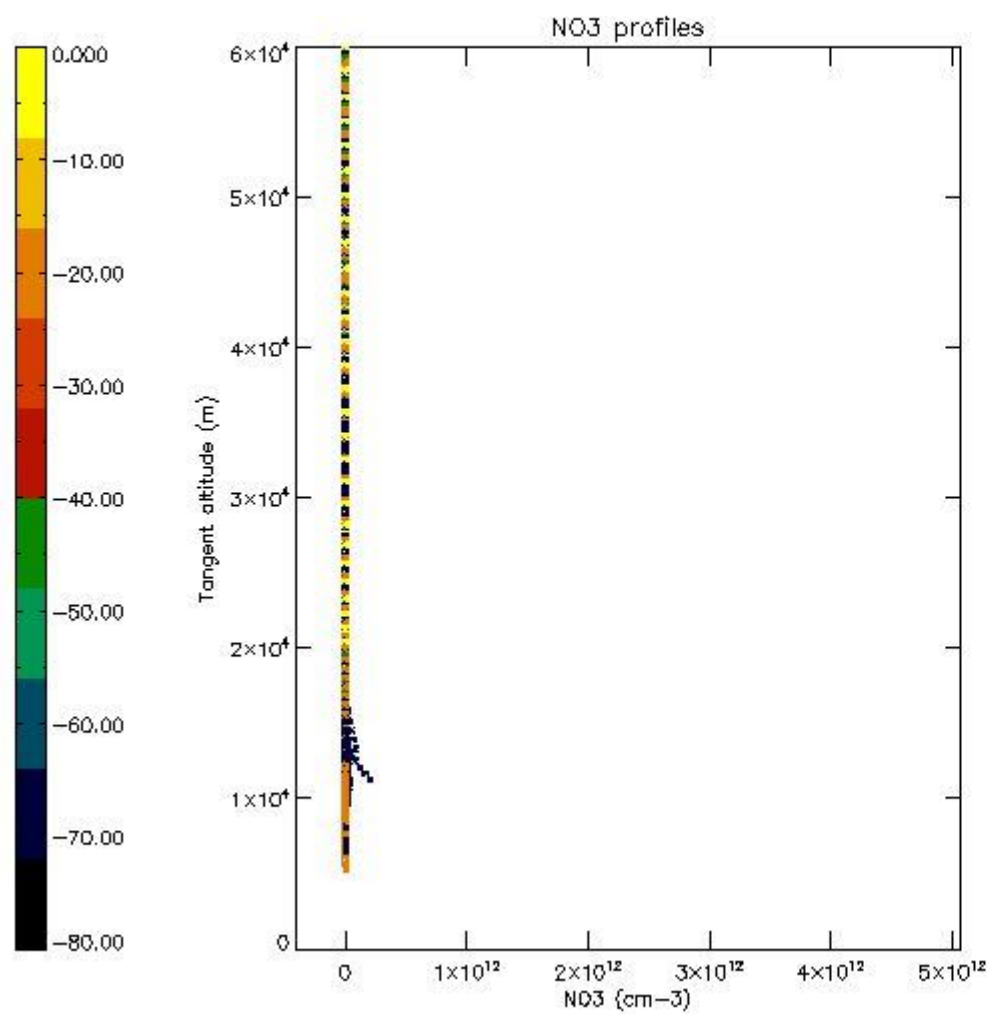
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

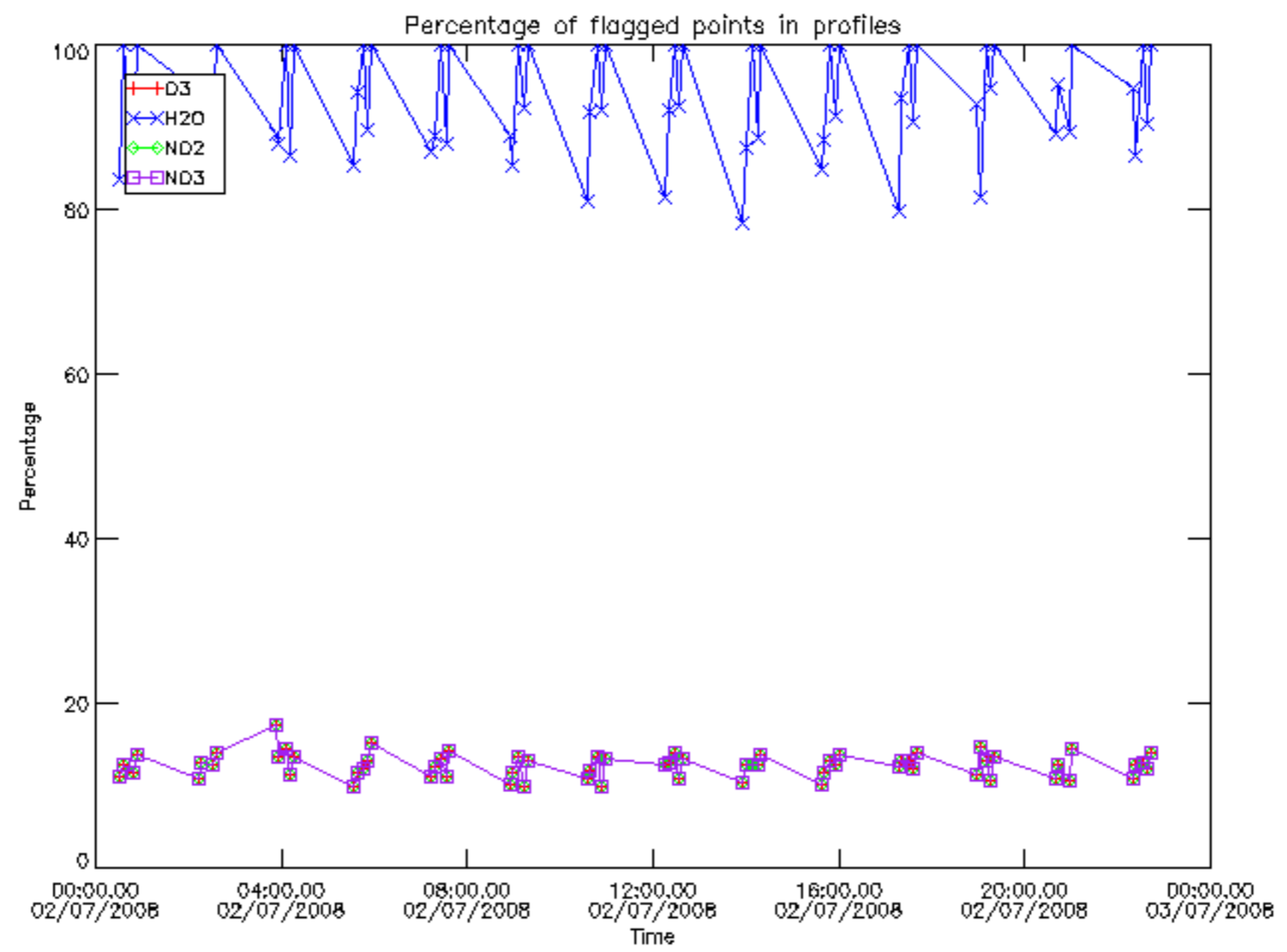


## 6. Auxiliary Data Files used for the production reported in section 2

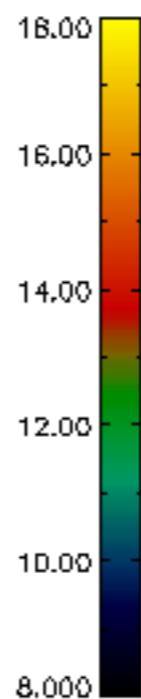
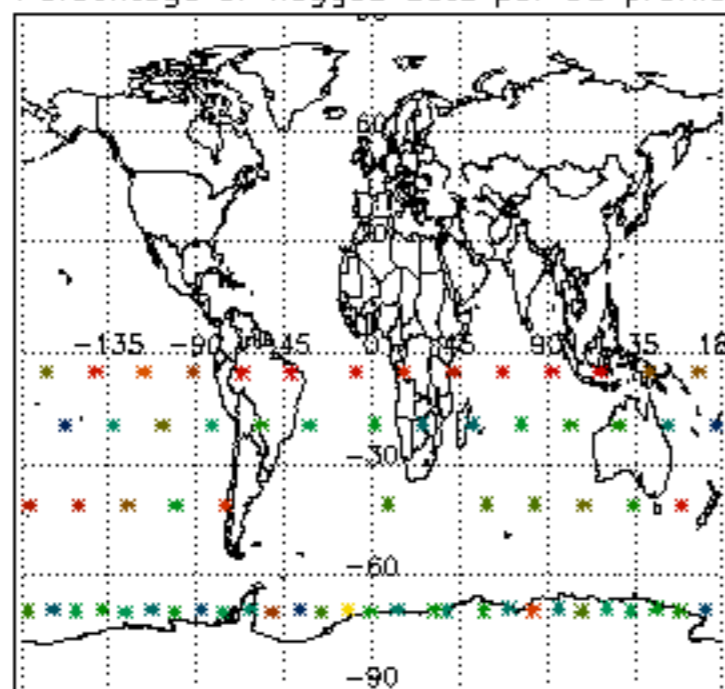
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-JUL-2008 00:01:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-JUL-2008 00:01:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-JUL-2008 00:01:44

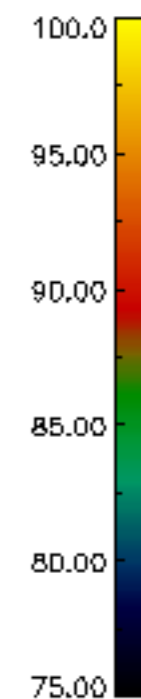
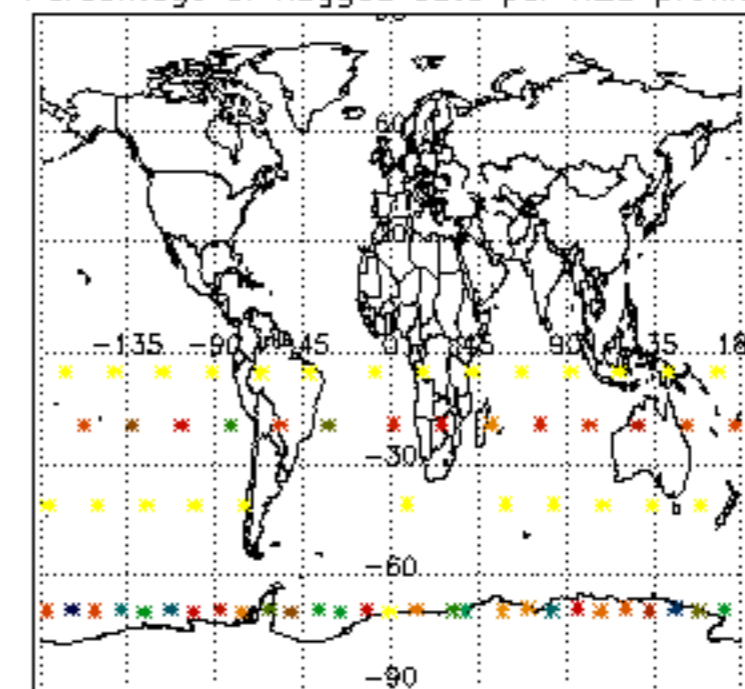




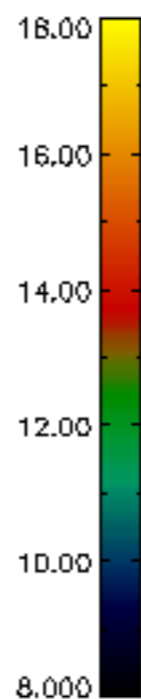
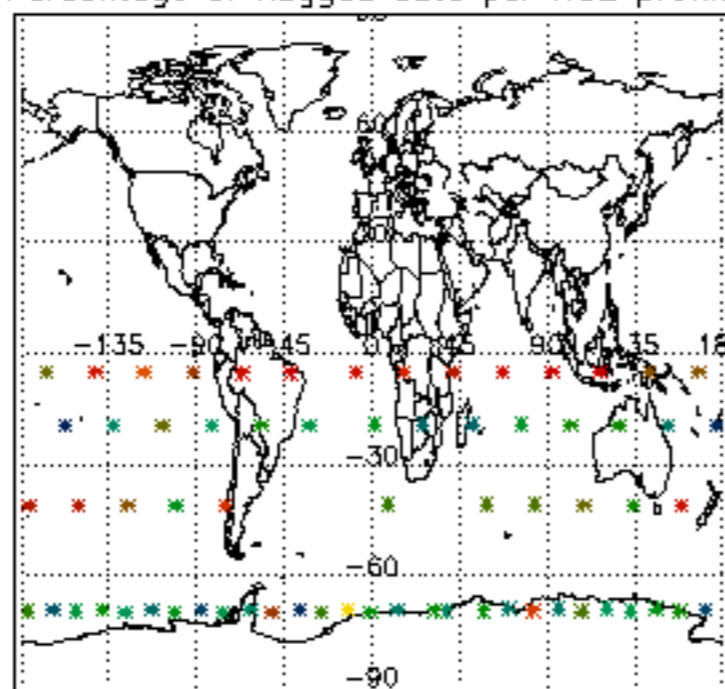
Percentage of flagged data per D3 profile



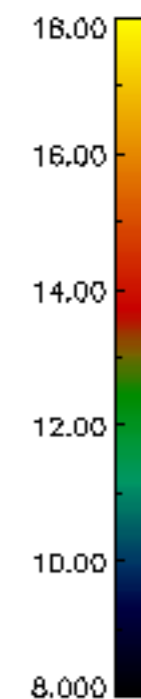
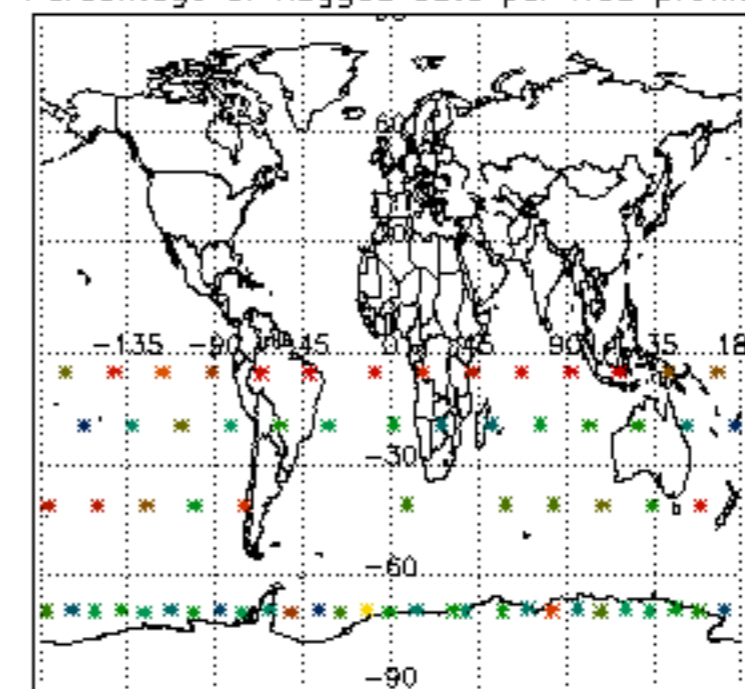
Percentage of flagged data per H2O profile

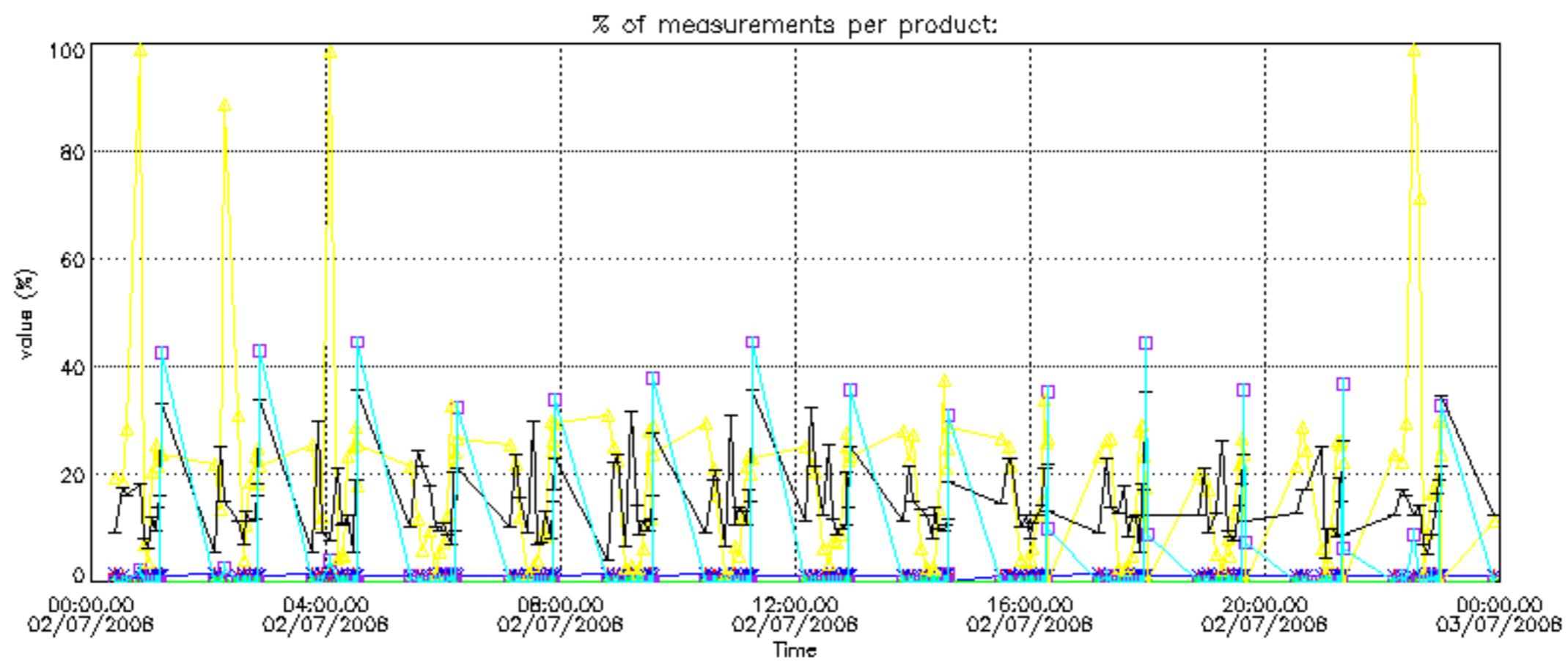


Percentage of flagged data per NO2 profile

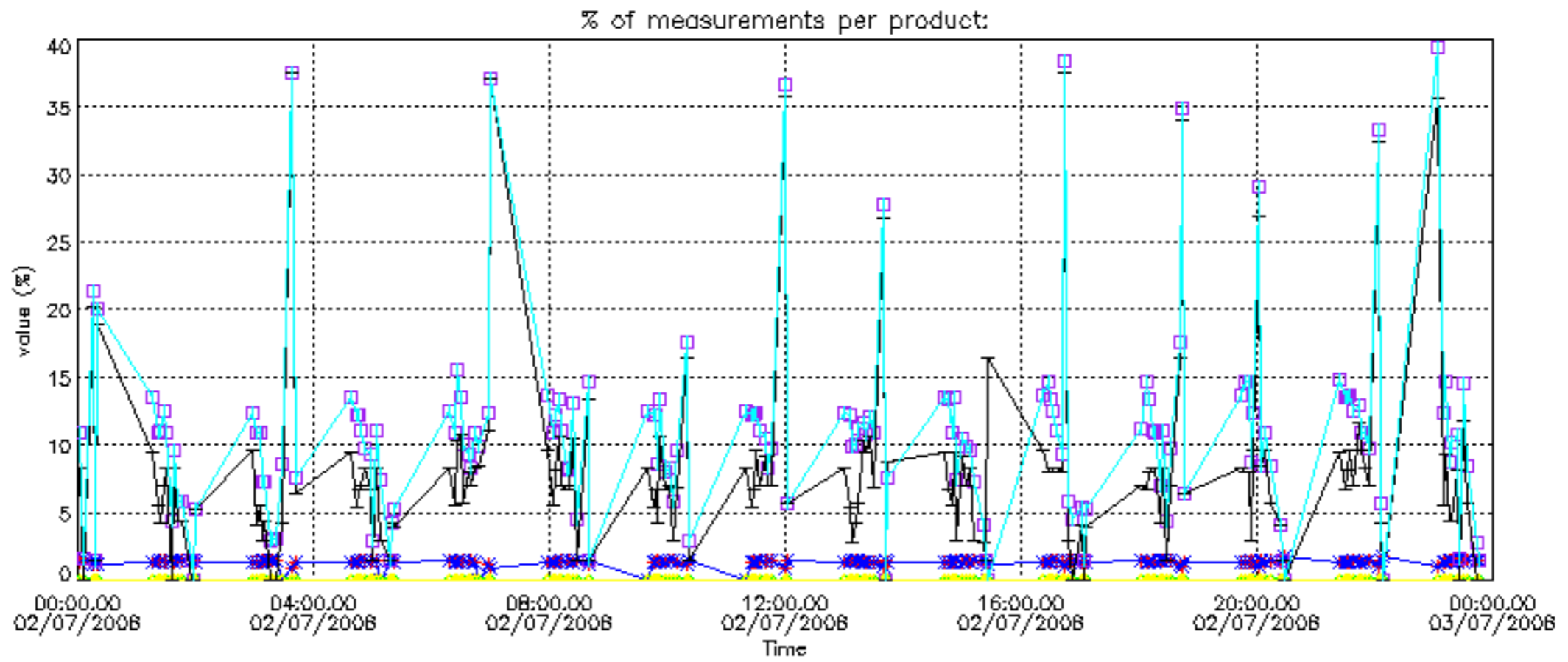


Percentage of flagged data per NO3 profile

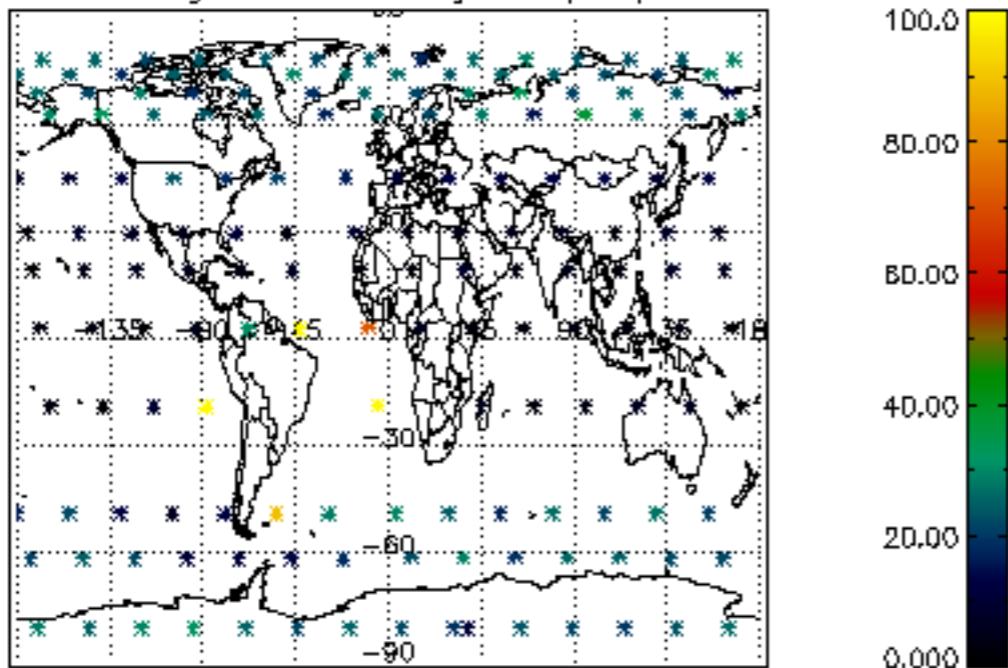




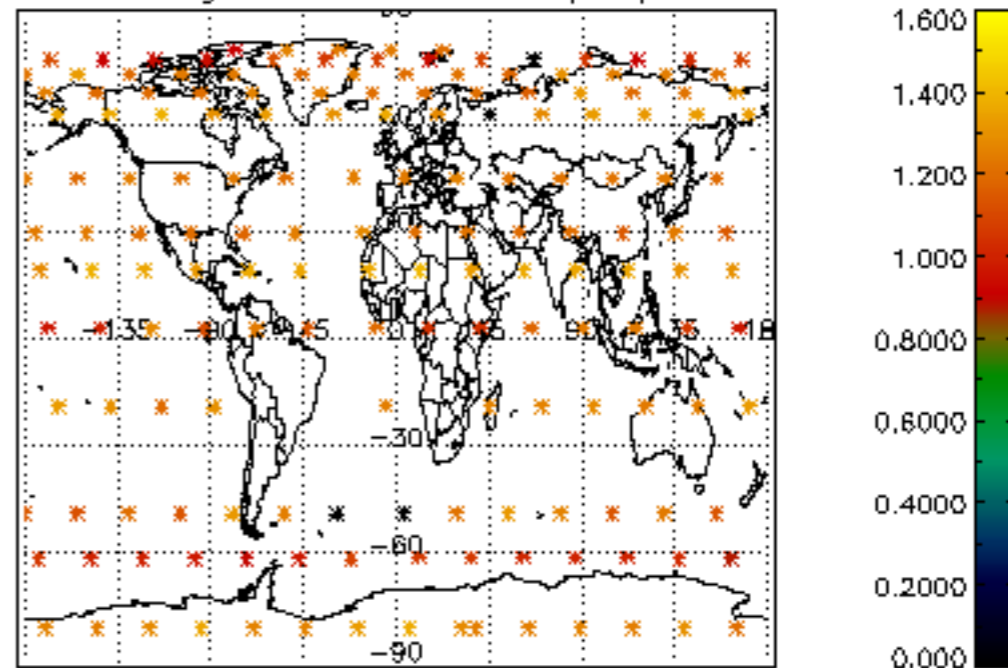




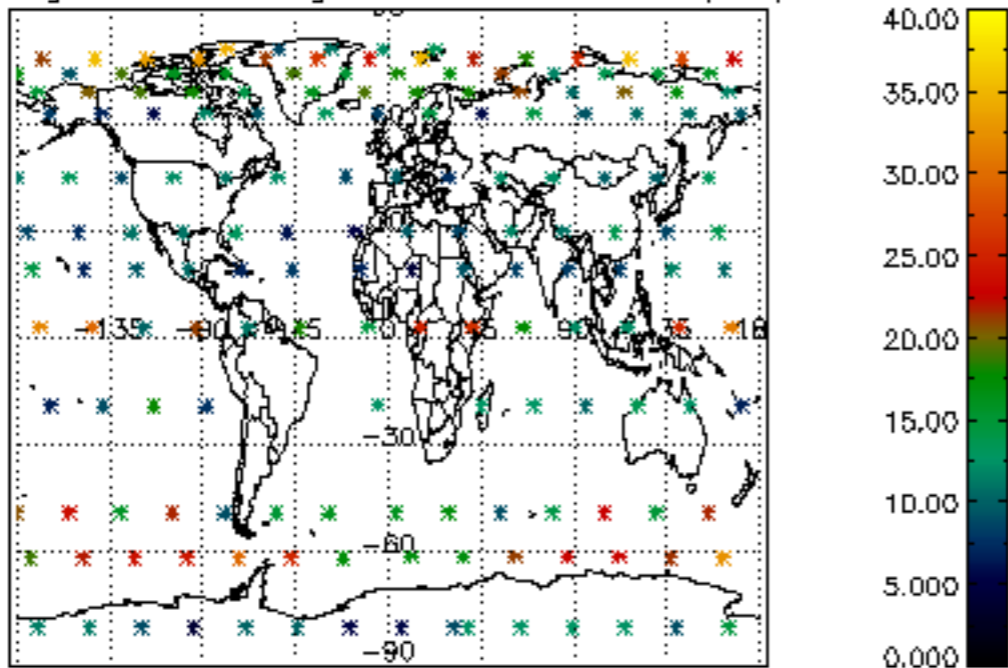
Percentage of cosmic ray hits per profile



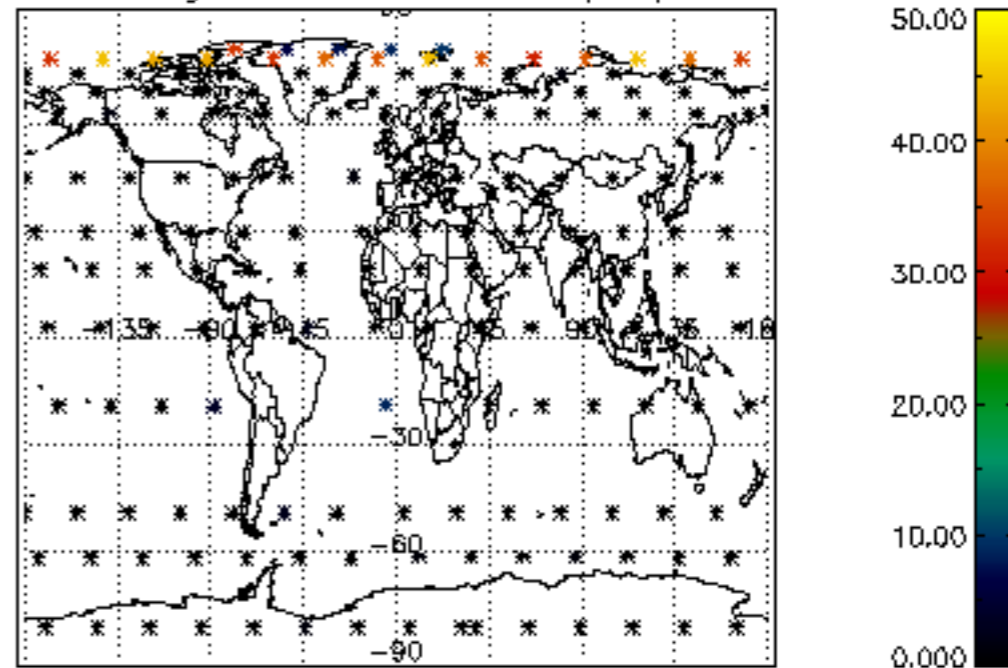
Percentage of datation errors per profile



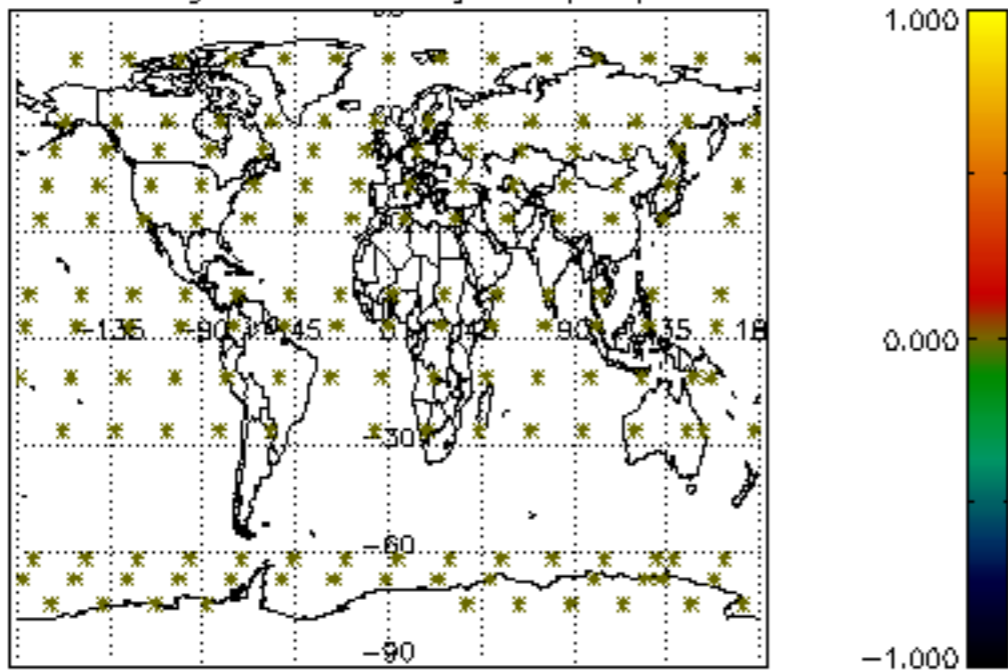
Percentage of star falling outside central band per profile



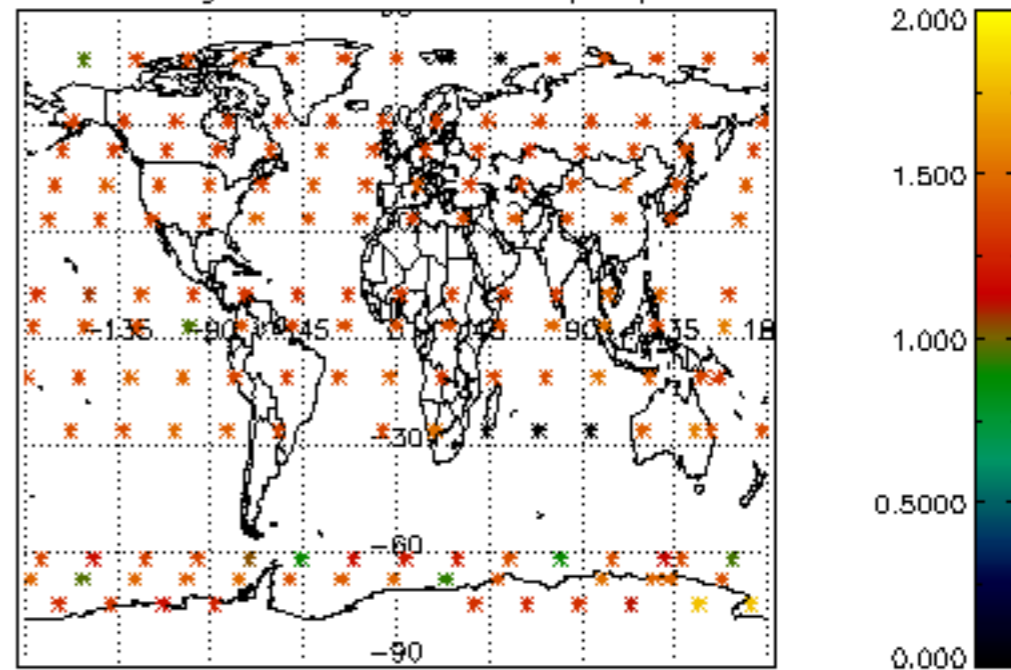
Percentage of saturation errors per profile



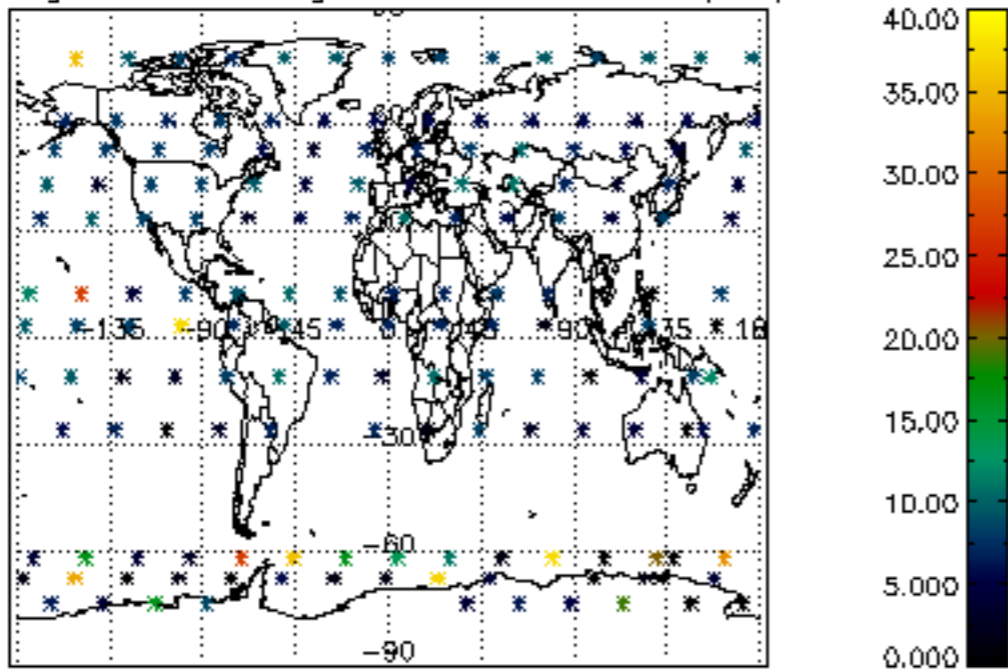
Percentage of cosmic ray hits per profile



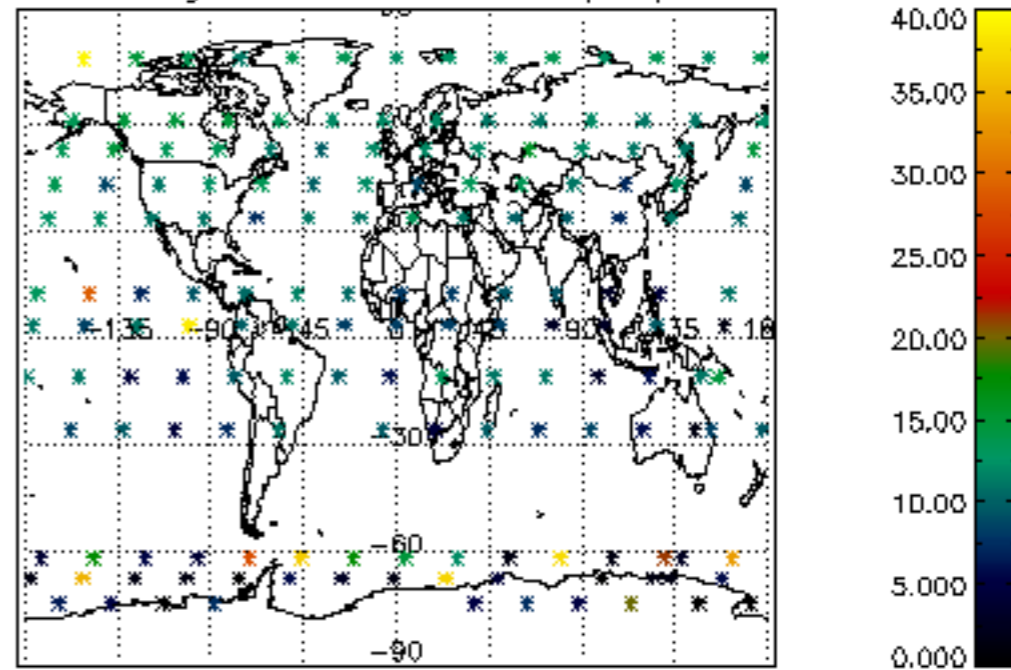
Percentage of datation errors per profile



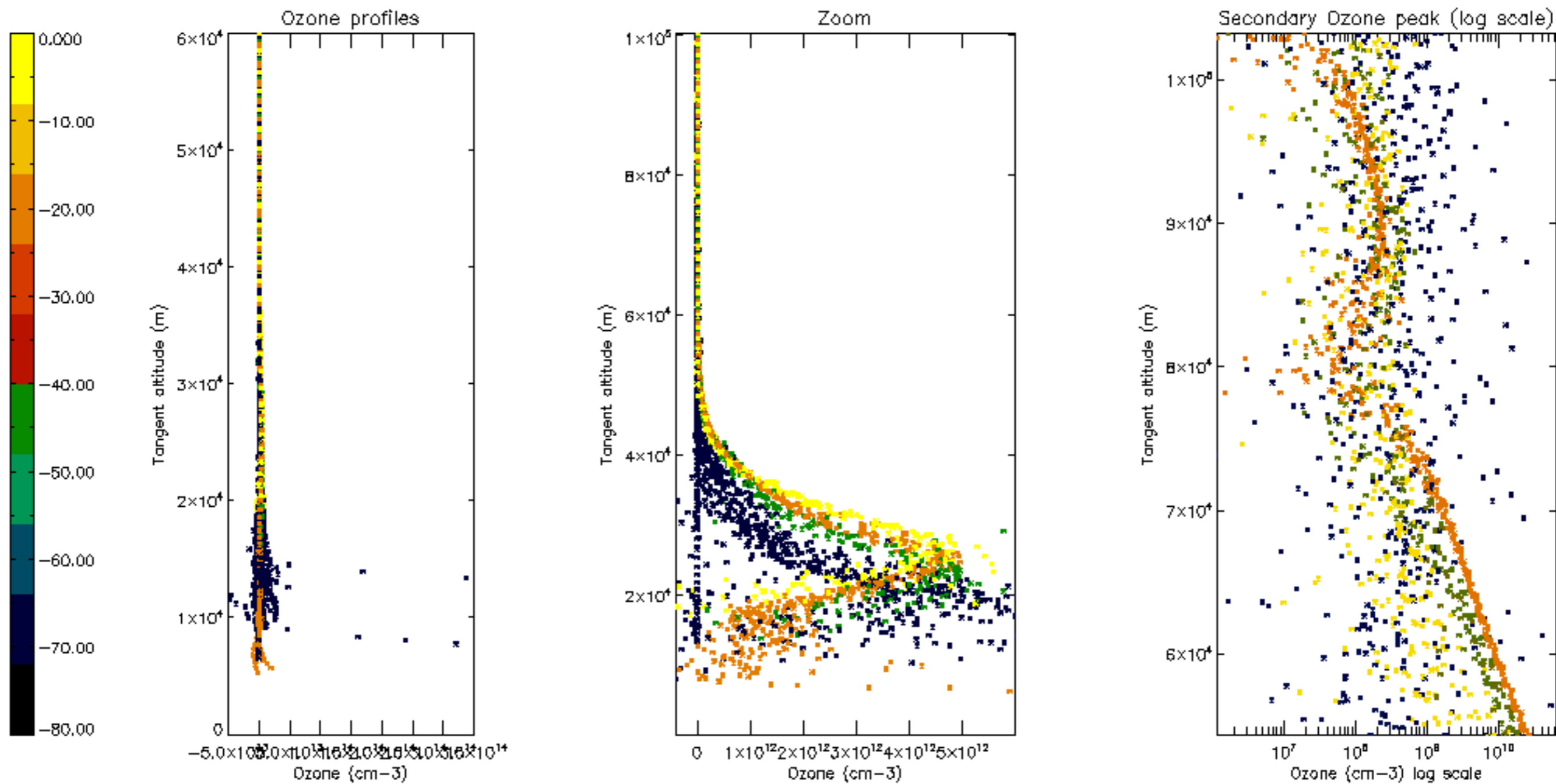
Percentage of star falling outside central band per profile

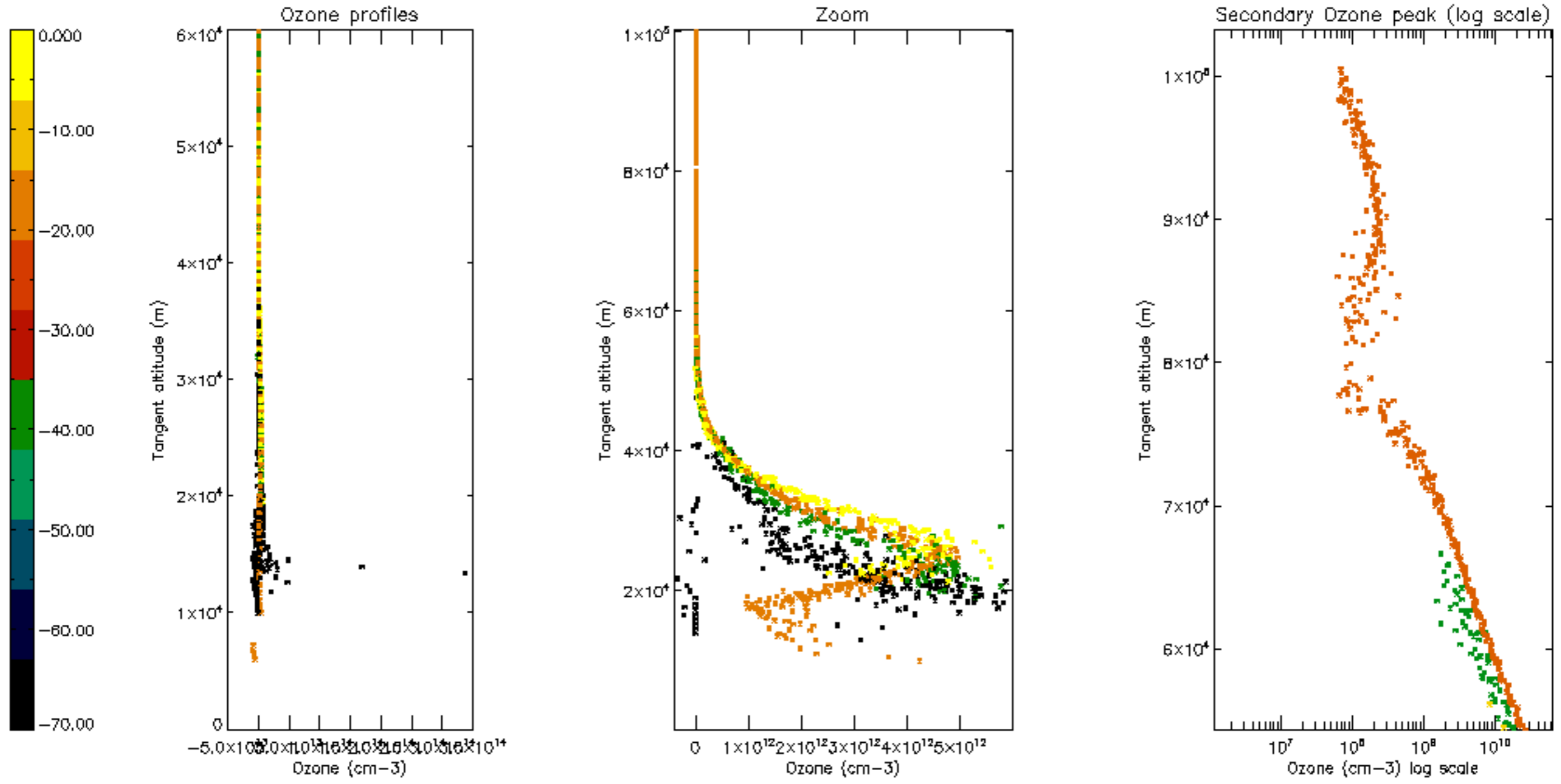


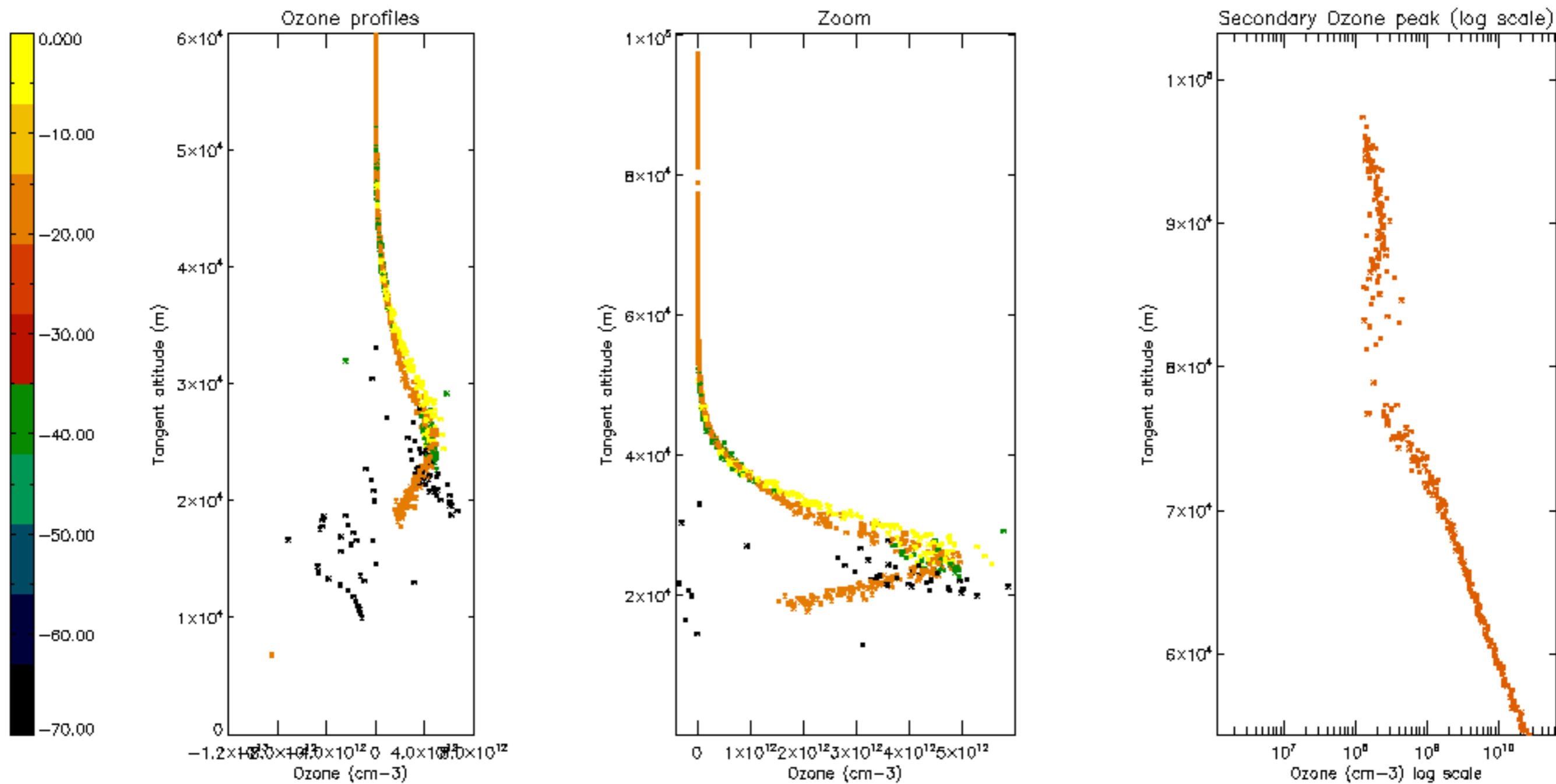
Percentage of saturation errors per profile



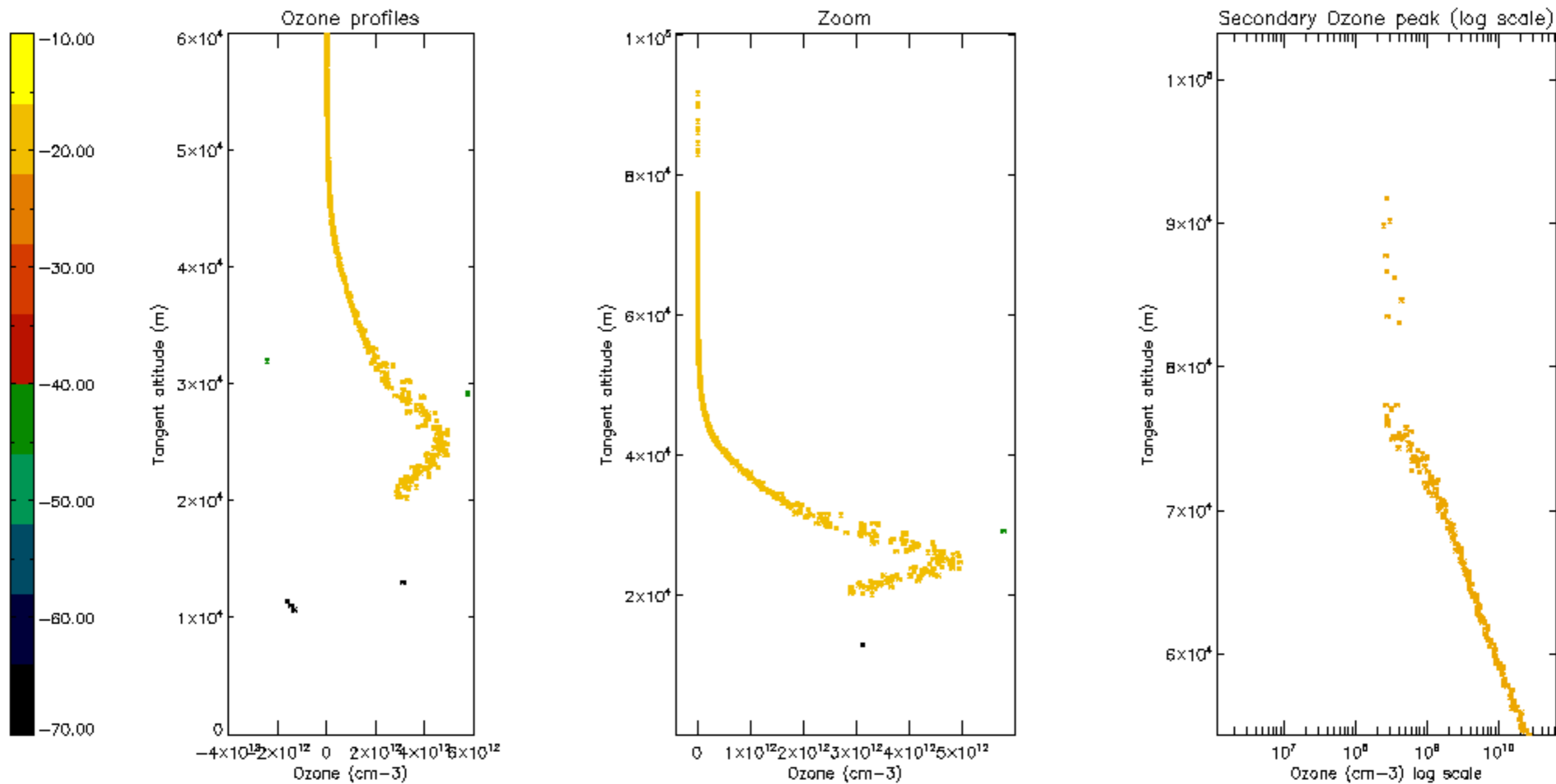


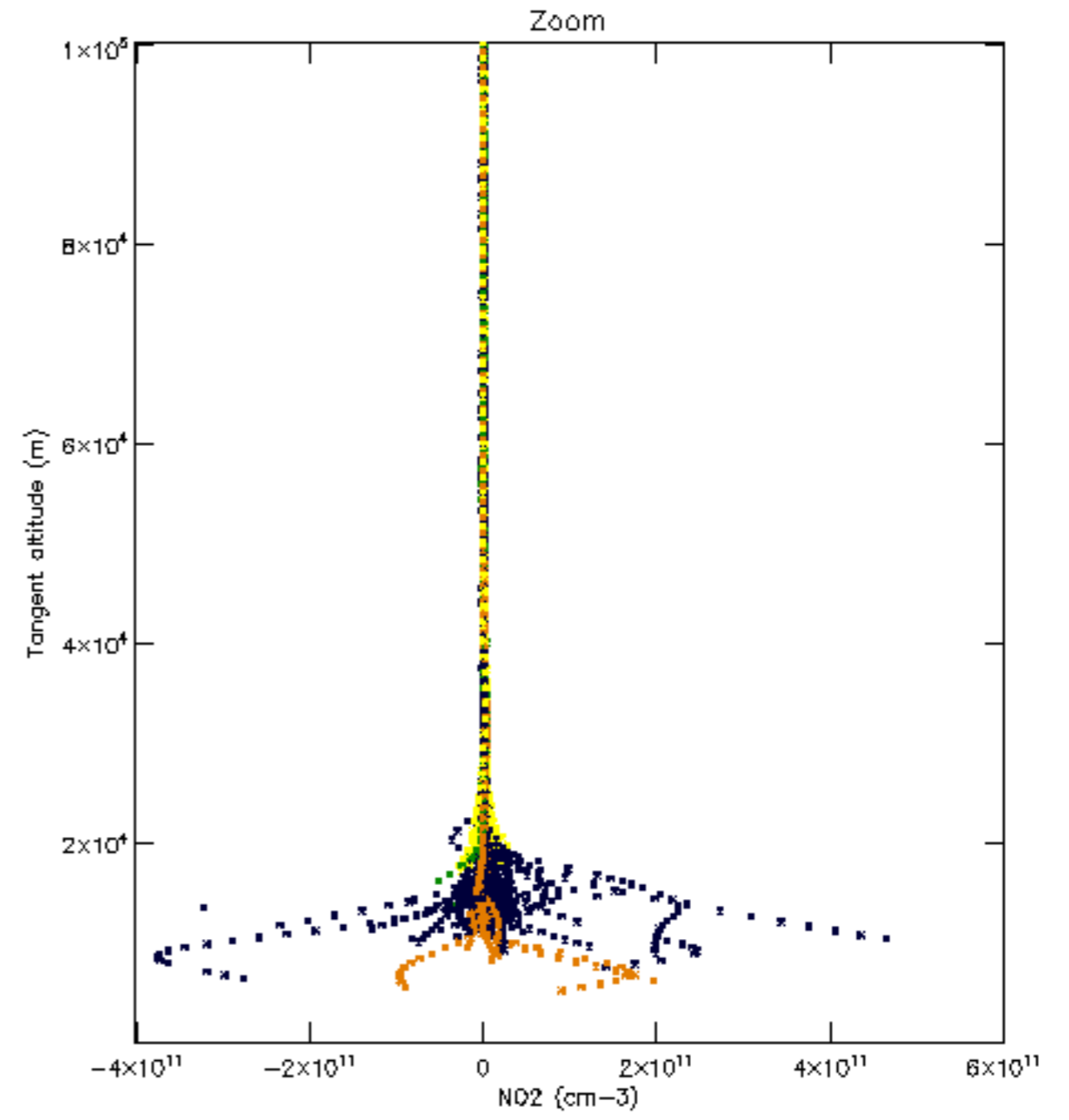
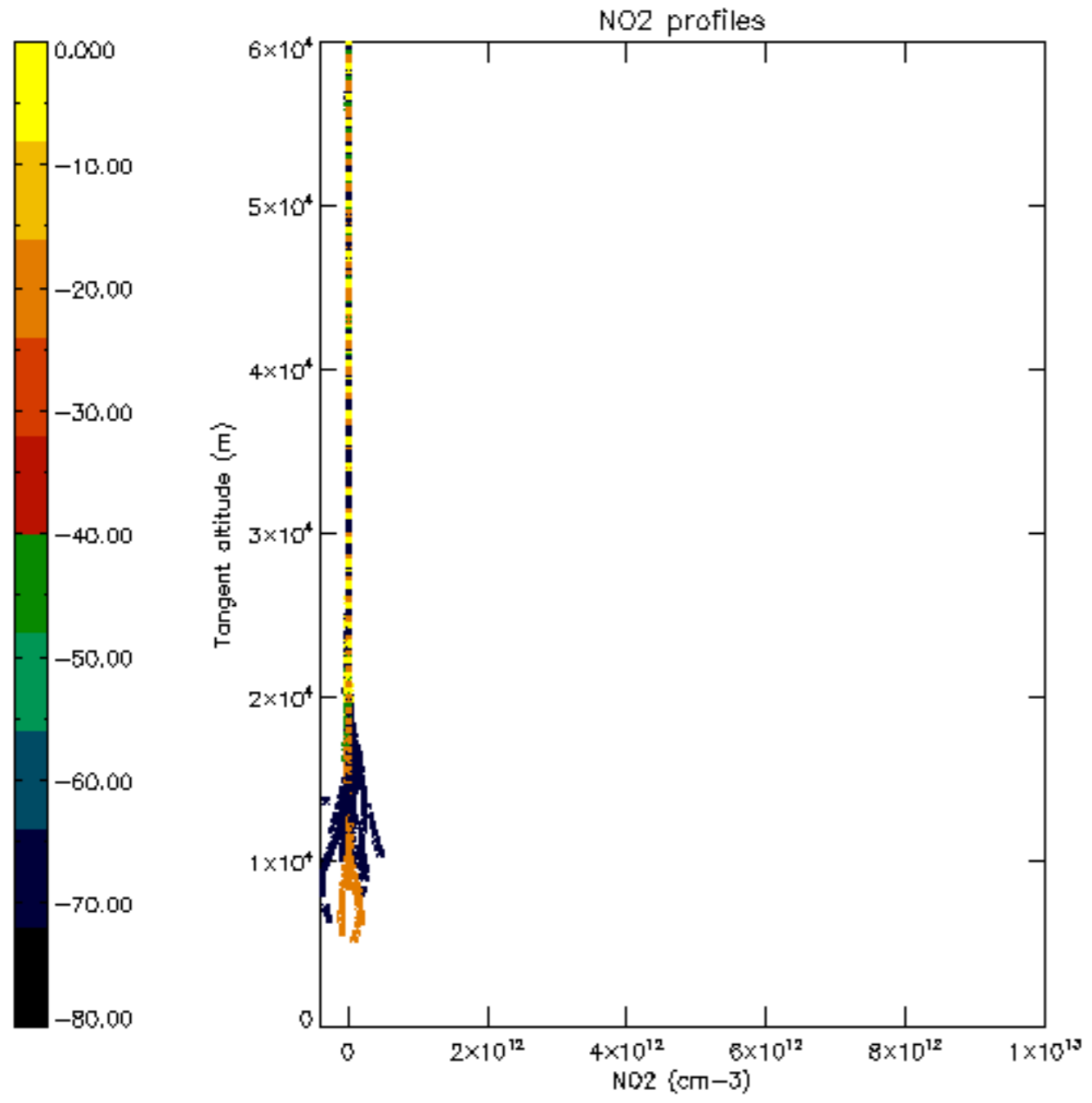


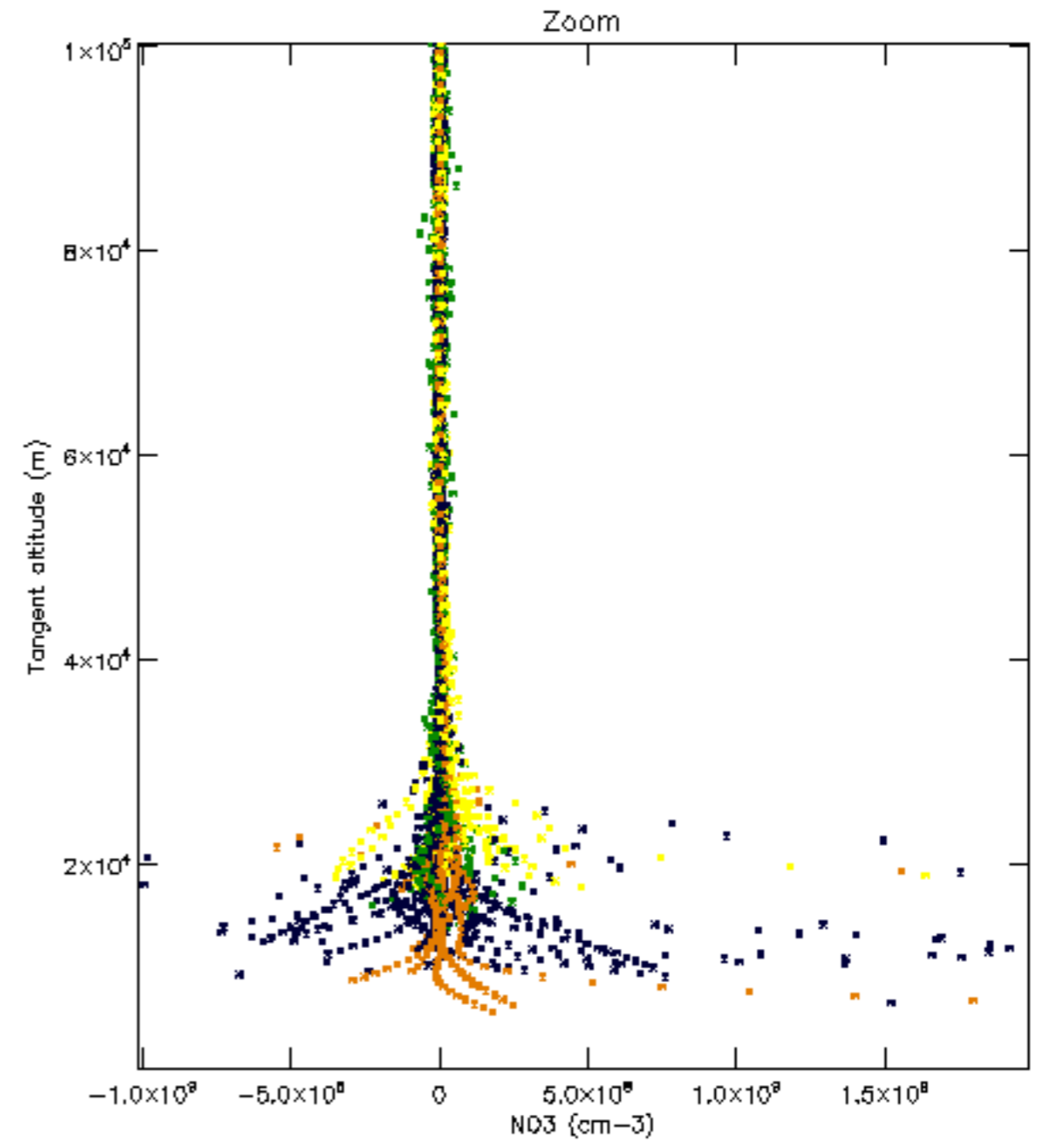
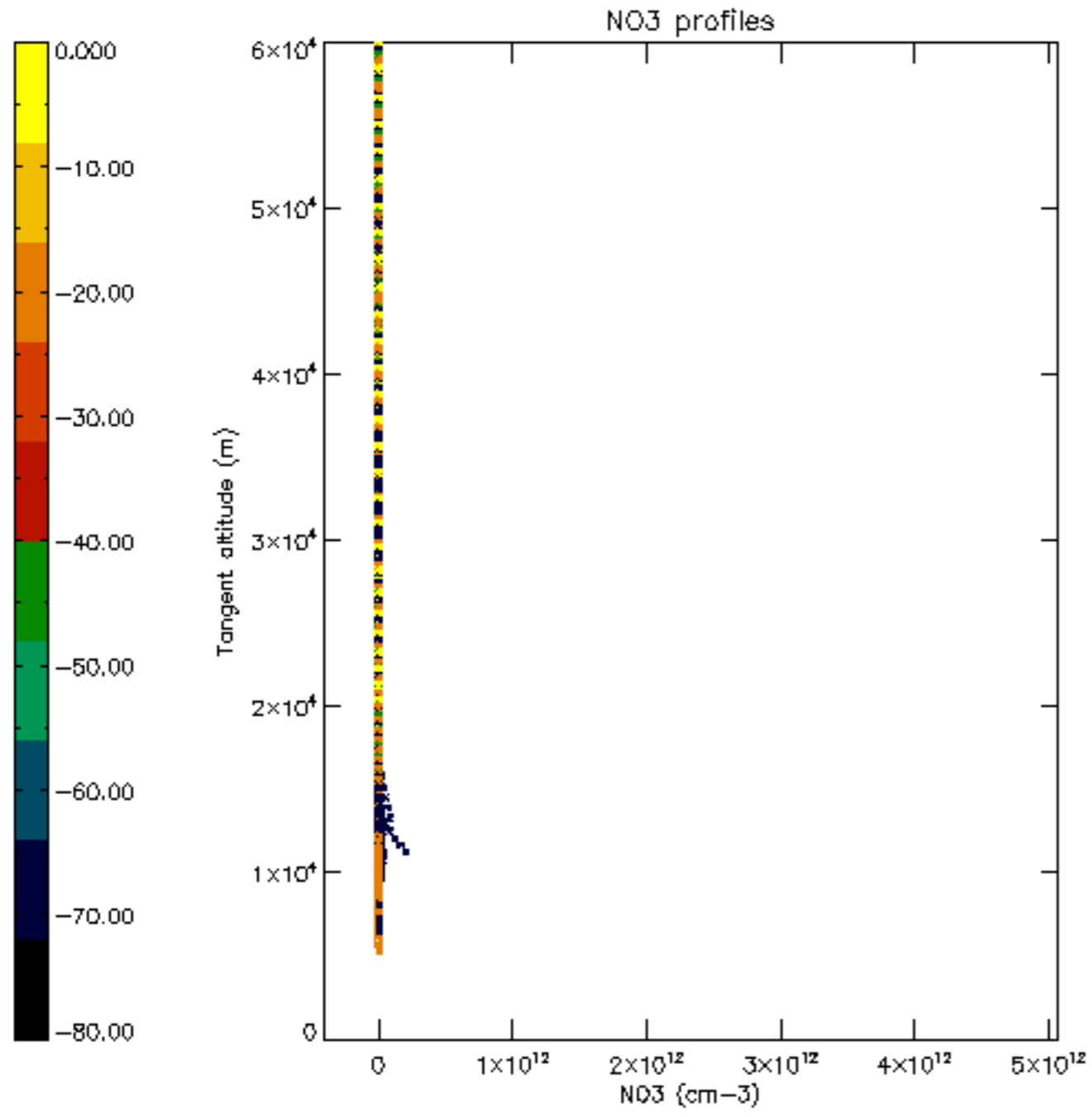


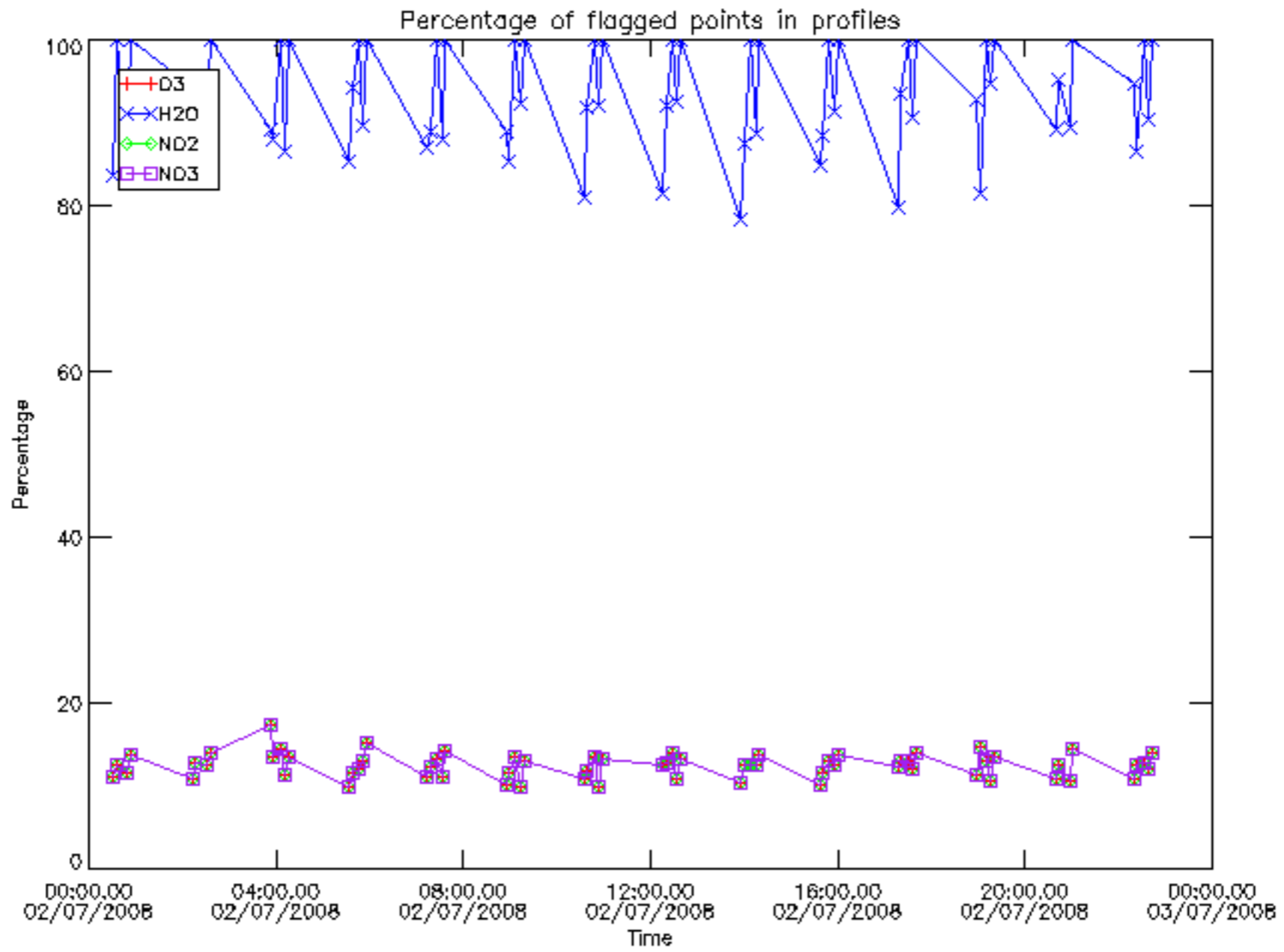






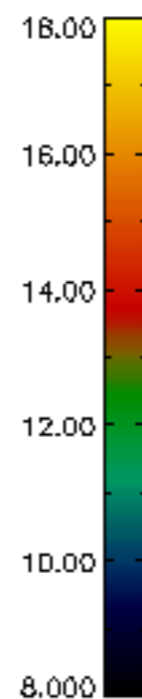
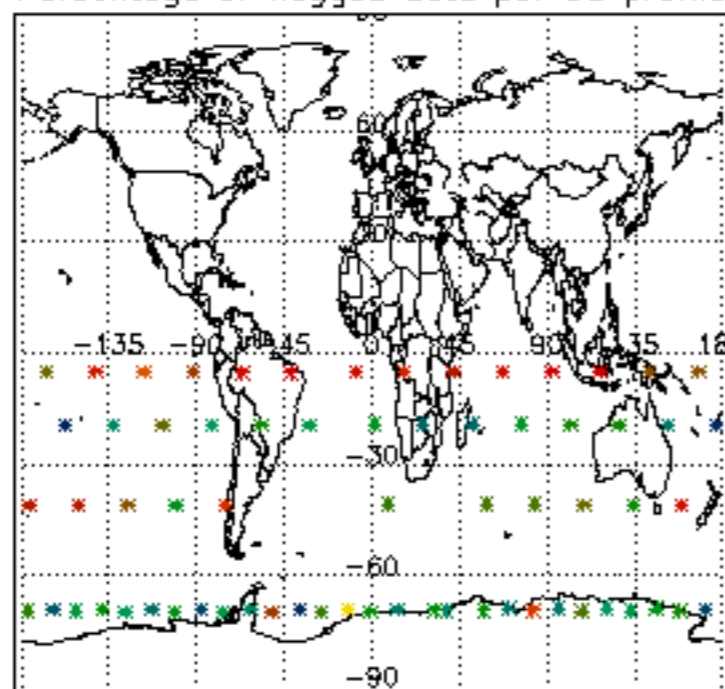




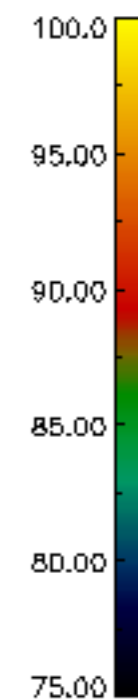
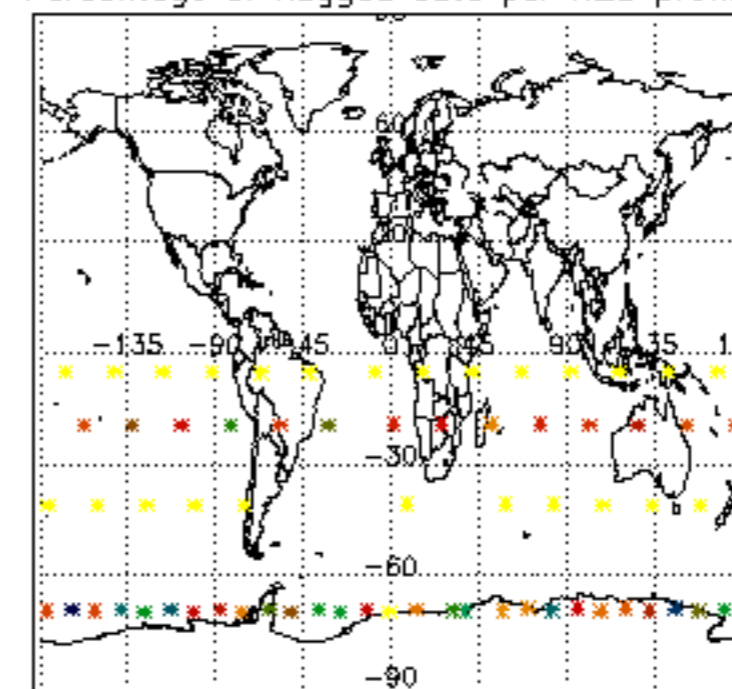




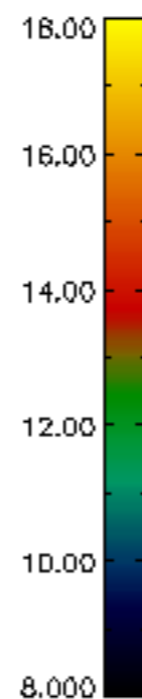
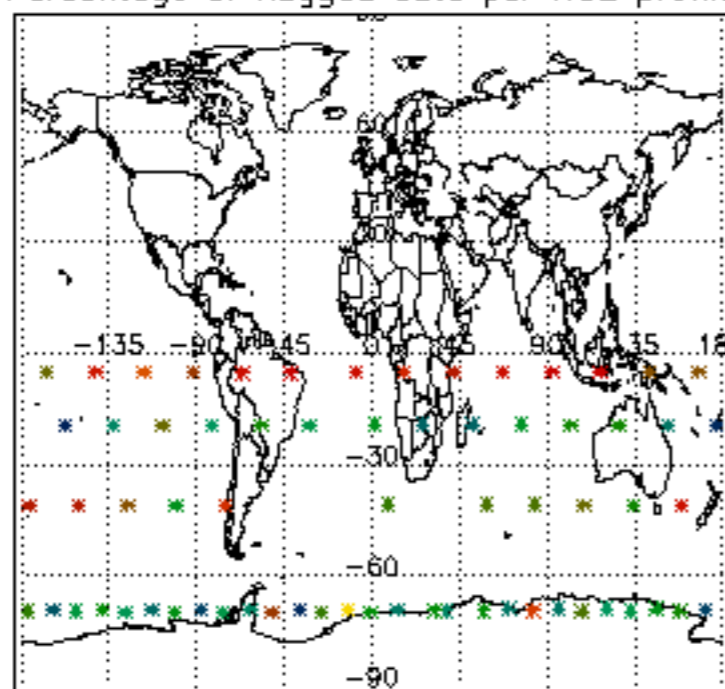
Percentage of flagged data per D3 profile



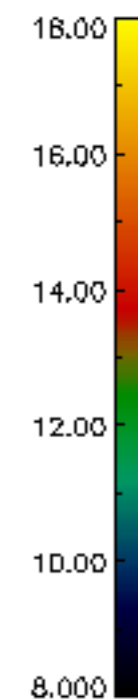
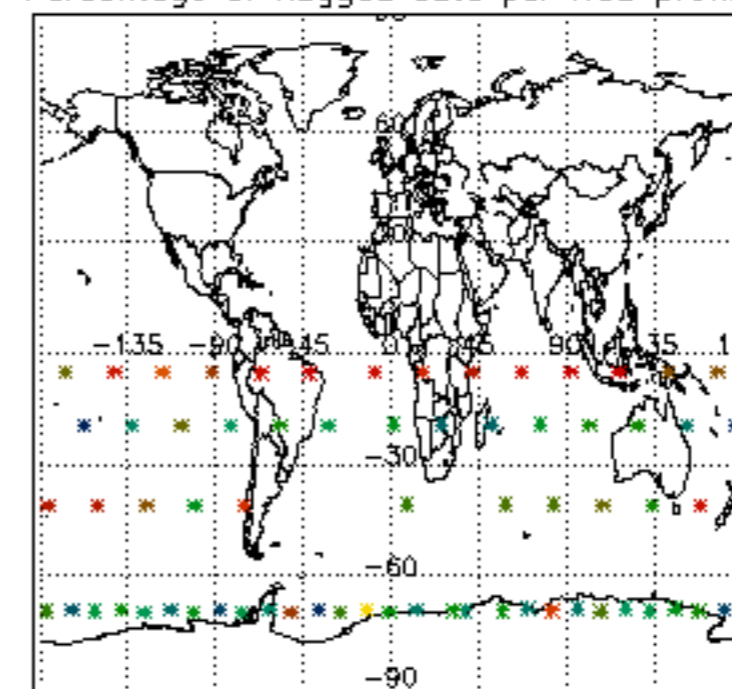
Percentage of flagged data per H2O profile

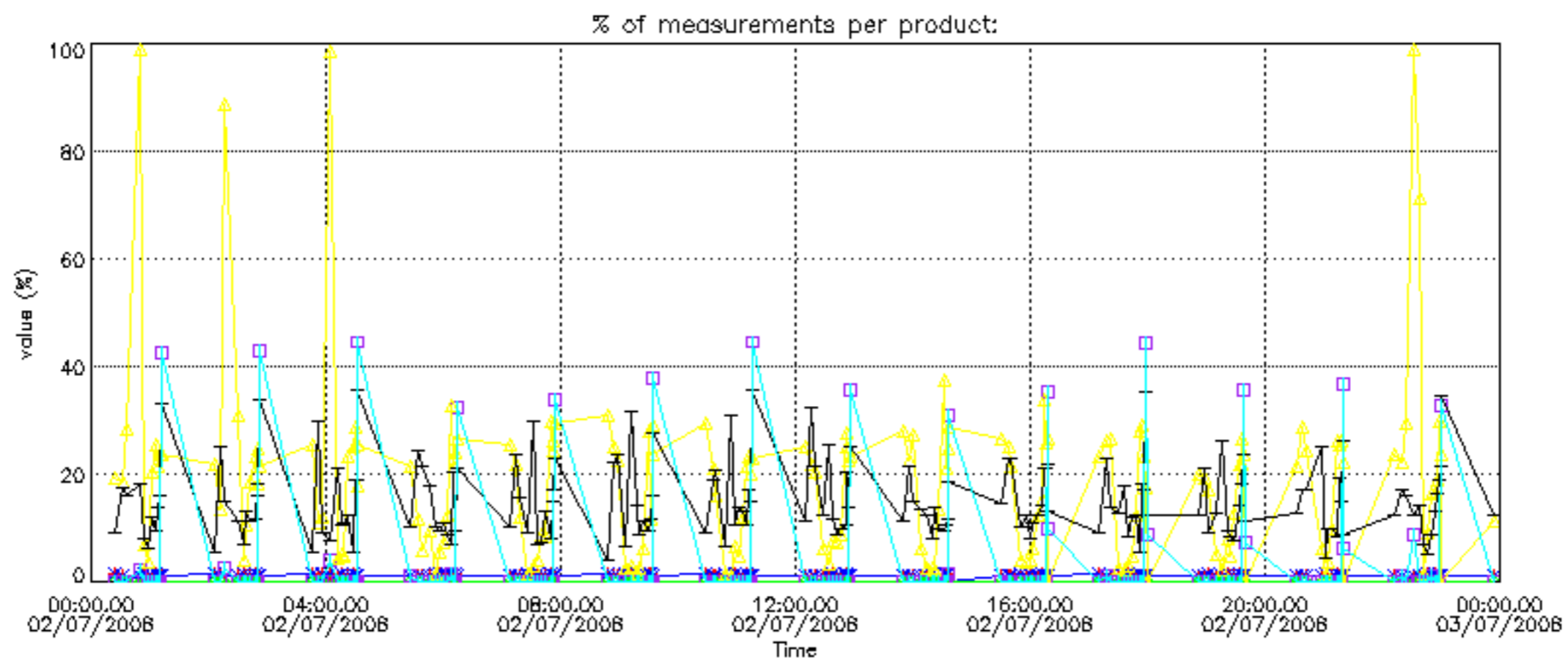


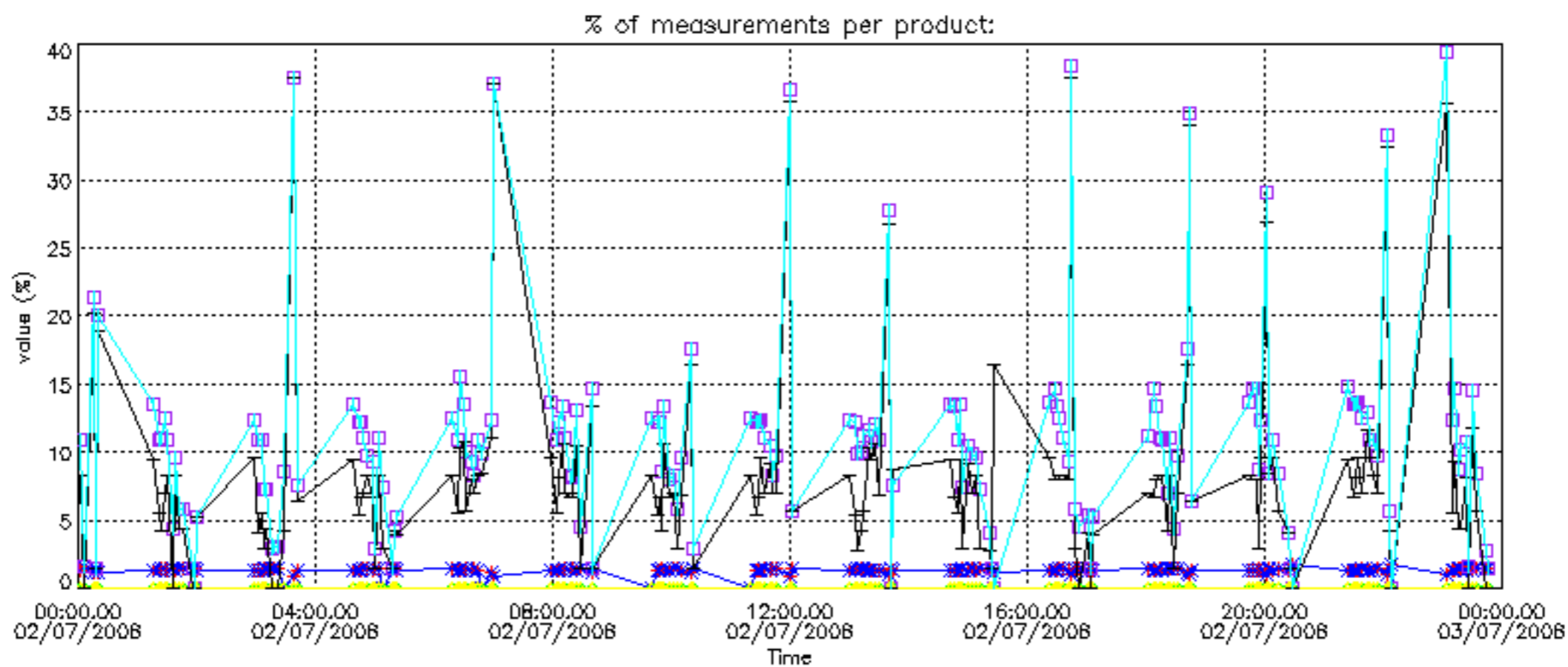
Percentage of flagged data per NO2 profile



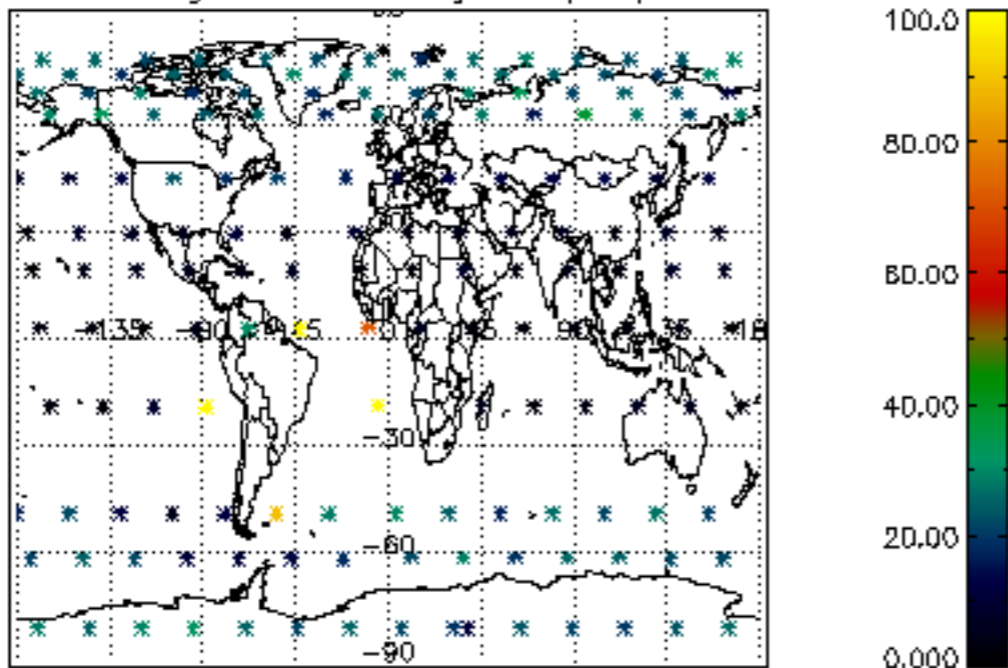
Percentage of flagged data per NO3 profile



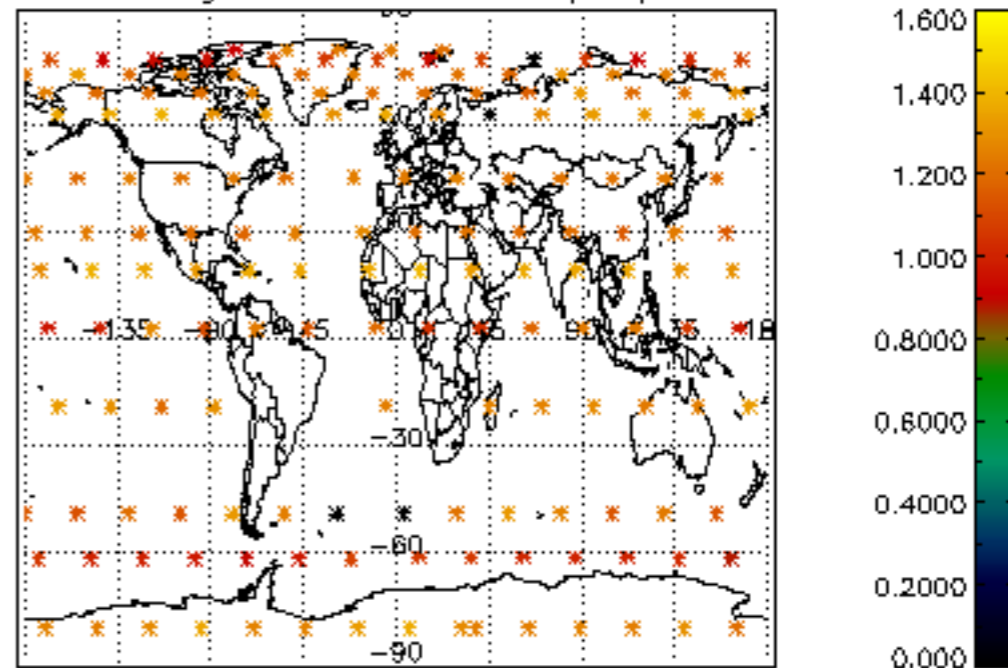




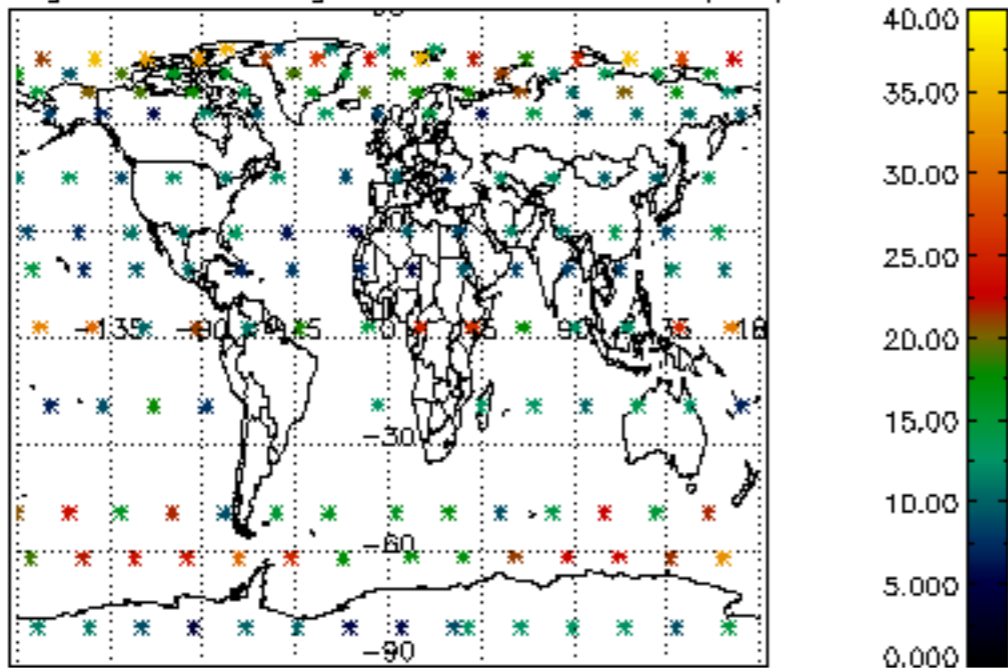
Percentage of cosmic ray hits per profile



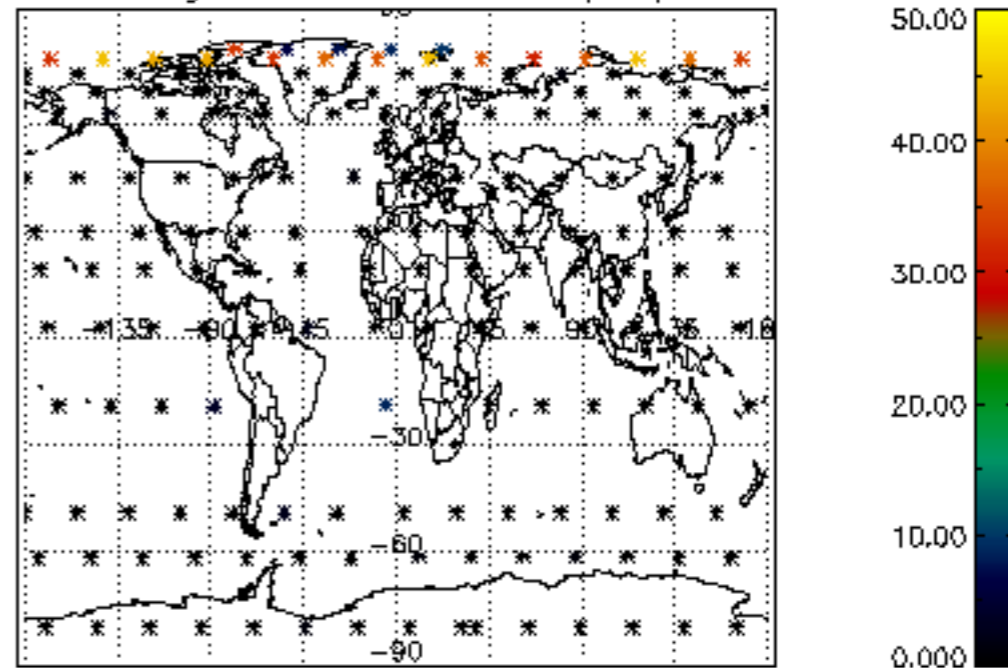
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

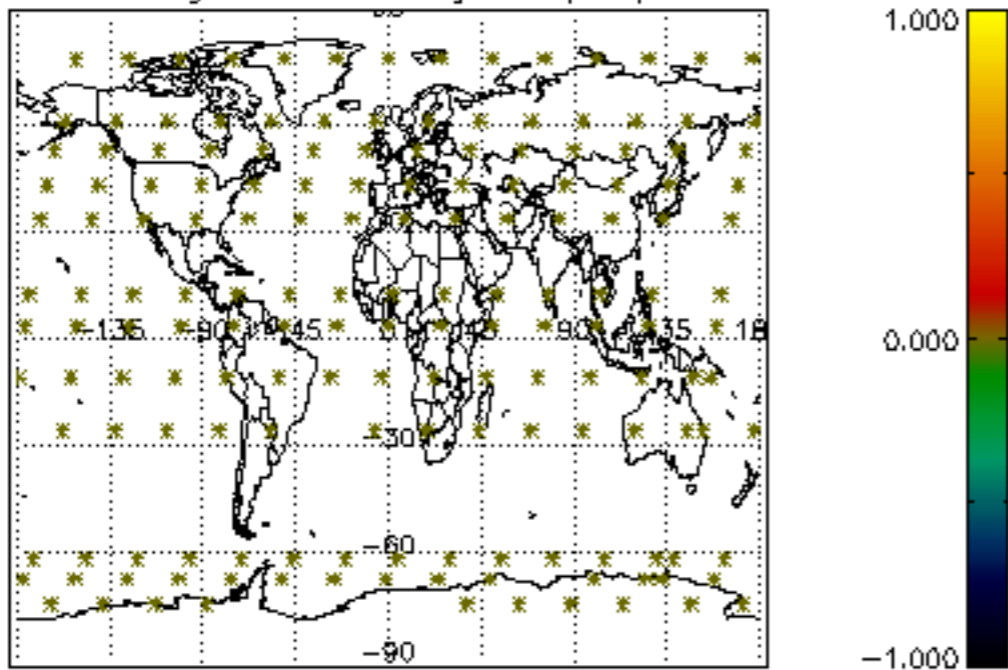


Percentage of saturation errors per profile

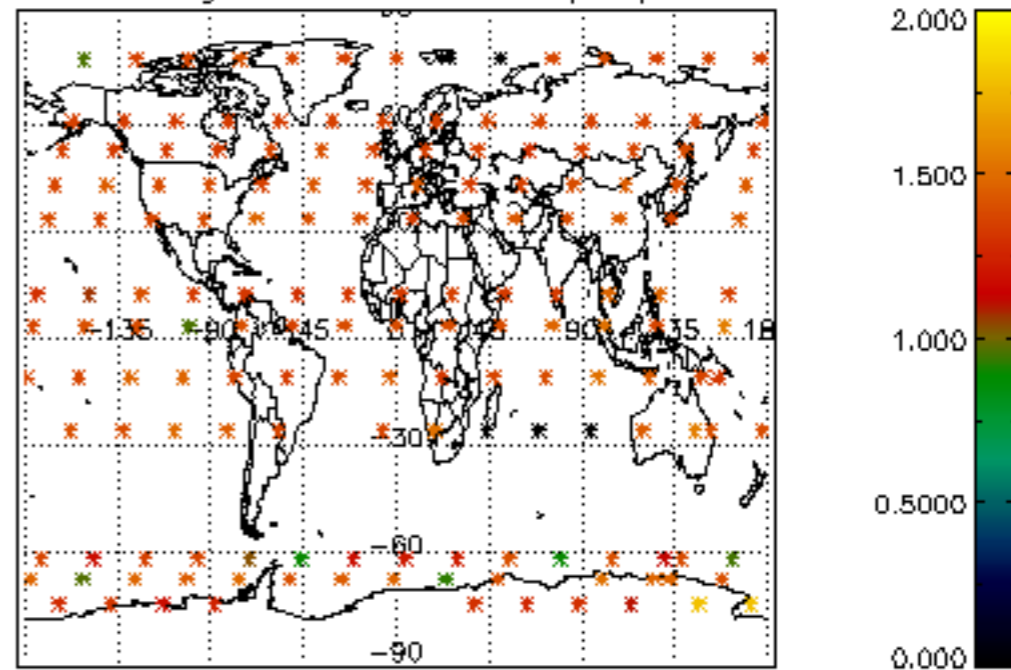




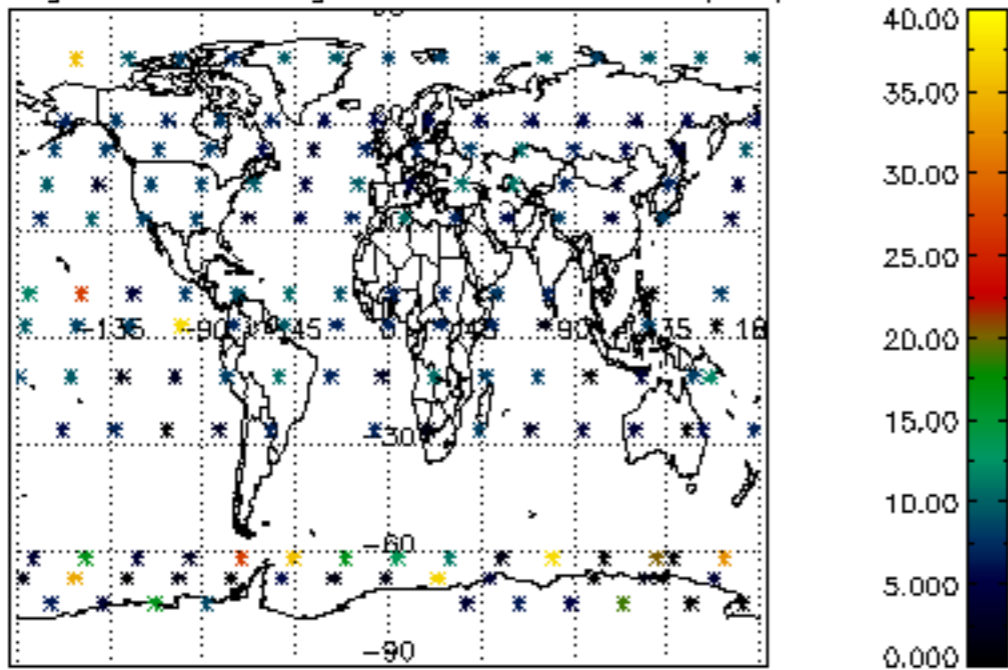
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

