

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	26APR2013 11:39:10
Data source version	GOMOS/6.01
Start time of products	10-08-2009 (10AUG2009 00:00:00)
Stop time of products	11-08-2009 (11AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	328
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__2PRFIN20090810_000203_000000402081_00288_38919_7062.N1	10-AUG-2009 00:02:03	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38919	No
2	GOM_NL__2PRFIN20090810_000736_000000512081_00288_38919_7063.N1	10-AUG-2009 00:07:36	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38919	No
3	GOM_NL__2PRFIN20090810_000946_000000482081_00288_38919_7064.N1	10-AUG-2009 00:09:46	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38919	No
4	GOM_NL__2PRFIN20090810_001645_000000502081_00288_38919_7065.N1	10-AUG-2009 00:16:45	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38919	No
5	GOM_NL__2PRFIN20090810_001836_000000542081_00288_38919_7066.N1	10-AUG-2009 00:18:36	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38919	No
6	GOM_NL__2PRFIN20090810_002120_000000462081_00288_38919_7067.N1	10-AUG-2009 00:21:20	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38919	No
7	GOM_NL__2PRFIN20090810_002307_000000552081_00288_38919_7068.N1	10-AUG-2009 00:23:07	Bright	54.500	149	45Eps Per	2.8880	30000.	109	38919	No
8	GOM_NL__2PRFIN20090810_002658_000000472081_00288_38919_7069.N1	10-AUG-2009 00:26:58	Twilight	47.000	28	12Bet Tau	1.6500	15200.	94	38919	No
9	GOM_NL__2PRFIN20090810_002911_000000452081_00288_38919_7070.N1	10-AUG-2009 00:29:11	Twilight	44.500	176	23Zet Tau	3.0200	22000.	89	38919	No
10	GOM_NL__2PRFIN20090810_003210_000000702081_00288_38919_7071.N1	10-AUG-2009 00:32:10	Dark	69.500	13	87Alp Tau	0.86700	3800.0	139	38919	No
11	GOM_NL__2PRFIN20090810_003402_000000472081_00288_38919_7072.N1	10-AUG-2009 00:34:02	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38919	No
12	GOM_NL__2PRFIN20090810_003549_000000452081_00288_38919_7073.N1	10-AUG-2009 00:35:49	Dark	44.500	72	34Del Ori	2.2500	30000.	89	38919	No
13	GOM_NL__2PRFIN20090810_003842_000000612081_00288_38919_7074.N1	10-AUG-2009 00:38:42	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	38919	No
14	GOM_NL__2PRFIN20090810_005347_000000492081_00289_38920_7098.N1	10-AUG-2009 00:53:47	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38920	No
15	GOM_NL__2PRFIN20090810_010400_000000542081_00289_38920_7099.N1	10-AUG-2009 01:04:00	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38920	No
16	GOM_NL__2PRFIN20090810_010719_000000562081_00289_38920_7100.N1	10-AUG-2009 01:07:19	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	38920	No
17	GOM_NL__2PRFIN20090810_011208_000000592081_00289_38920_7101.N1	10-AUG-2009 01:12:08	Twilight	59.000	18	24Alp PsA	1.1660	9700.0	118	38920	No
18	GOM_NL__2PRFIN20090810_011820_000000462081_00289_38920_7102.N1	10-AUG-2009 01:18:20	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	38920	No
19	GOM_NL__2PRFIN20090810_012201_000000452081_00289_38920_7103.N1	10-AUG-2009 01:22:01	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	38920	No
20	GOM_NL__2PRFIN20090810_012745_000000492081_00289_38920_7104.N1	10-AUG-2009 01:27:45	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38920	No
21	GOM_NL__2PRFIN20090810_013402_000000402081_00289_38920_7105.N1	10-AUG-2009 01:34:02	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38920	No
22	GOM_NL__2PRFIN20090810_013714_000000392081_00289_38920_7106.N1	10-AUG-2009 01:37:14	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38920	No
23	GOM_NL__2PRFIN20090810_014239_000000362081_00289_38920_7107.N1	10-AUG-2009 01:42:39	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	38920	No
24	GOM_NL__2PRFIN20090810_014811_000000452081_00289_38920_7108.N1	10-AUG-2009 01:48:11	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	38920	No
25	GOM_NL__2PRFIN20090810_015021_000000492081_00289_38920_7109.N1	10-AUG-2009 01:50:21	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38920	No
26	GOM_NL__2PRFIN20090810_015721_000000742081_00289_38920_7110.N1	10-AUG-2009 01:57:21	Bright	74.000	160	23Gam Per	2.9300	4700.0	148	38920	No
27	GOM_NL__2PRFIN20090810_015912_000000752081_00289_38920_7111.N1	10-AUG-2009 01:59:12	Bright	75.000	35	33Alp Per	1.7950	6250.0	150	38920	No
28	GOM_NL__2PRFIN20090810_020156_000000572081_00289_38920_7112.N1	10-AUG-2009 02:01:56	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	38920	No
29	GOM_NL__2PRFIN20090810_020343_000000572081_00289_38920_7113.N1	10-AUG-2009 02:03:43	Bright	56.500	149	45Eps Per	2.8880	30000.	113	38920	No
30	GOM_NL__2PRFIN20090810_020734_000000482081_00289_38920_7114.N1	10-AUG-2009 02:07:34	Twilight	48.000	28	12Bet Tau	1.6500	15200.	96	38920	No
31	GOM_NL__2PRFIN20090810_020947_000000442081_00289_38920_7115.N1	10-AUG-2009 02:09:47	Twilight	44.000	176	23Zet Tau	3.0200	22000.	88	38920	No
32	GOM_NL__2PRFIN20090810_021438_000000472081_00289_38920_7116.N1	10-AUG-2009 02:14:38	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38920	No
33	GOM_NL__2PRFIN20090810_021626_000000472081_00289_38920_7117.N1	10-AUG-2009 02:16:26	Dark	46.500	72	34Del Ori	2.2500	30000.	93	38920	No
34	GOM_NL__2PRFIN20090810_021919_000000532081_00289_38920_7118.N1	10-AUG-2009 02:19:19	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	38920	No
35	GOM_NL__2PRFIN20090810_022511_000000582081_00289_38920_7119.N1	10-AUG-2009 02:25:11	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	38920	No
36	GOM_NL__2PRFIN20090810_023424_000000502081_00290_38921_7112.N1	10-AUG-2009 02:34:24	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38921	No
37	GOM_NL__2PRFIN20090810_024437_000000542081_00290_38921_7113.N1	10-AUG-2009 02:44:37	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38921	No
38	GOM_NL__2PRFIN20090810_024756_000000552081_00290_38921_7114.N1	10-AUG-2009 02:47:56	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	38921	No
39	GOM_NL__2PRFIN20090810_025245_000000572081_00290_38921_7115.N1	10-AUG-2009 02:52:45	Twilight	56.500	18	24Alp PsA	1.1660	9700.0	113	38921	No
40	GOM_NL__2PRFIN20090810_025855_000000462081_00290_38921_7116.N1	10-AUG-2009 02:58:55	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	38921	No
41	GOM_NL__2PRFIN20090810_030238_000000462081_00290_38921_7117.N1	10-AUG-2009 03:02:38	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38921	No
42	GOM_NL__2PRFIN20090810_030820_000000512081_00290_38921_7118.N1	10-AUG-2009 03:08:20	Bright	51.000	61	8Eps Peg	2.1000	3900.0	102	38921	No

43	GOM_NL__2PRFIN20090810_031438_000000412081_00290_38921_7119.N1	10-AUG-2009 03:14:38	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38921	No
44	GOM_NL__2PRFIN20090810_031749_000000402081_00290_38921_7120.N1	10-AUG-2009 03:17:49	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38921	No
45	GOM_NL__2PRFIN20090810_032314_000000362081_00290_38921_7121.N1	10-AUG-2009 03:23:14	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	38921	No
46	GOM_NL__2PRFIN20090810_032847_000000482081_00290_38921_7122.N1	10-AUG-2009 03:28:47	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38921	No
47	GOM_NL__2PRFIN20090810_033056_000000502081_00290_38921_7123.N1	10-AUG-2009 03:30:56	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38921	No
48	GOM_NL__2PRFIN20090810_033756_000000532081_00290_38921_7124.N1	10-AUG-2009 03:37:56	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	38921	No
49	GOM_NL__2PRFIN20090810_033948_000000742081_00290_38921_7125.N1	10-AUG-2009 03:39:48	Bright	73.500	35	33Alp Per	1.7950	6250.0	147	38921	No
50	GOM_NL__2PRFIN20090810_034232_000000592081_00290_38921_7126.N1	10-AUG-2009 03:42:32	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	38921	No
51	GOM_NL__2PRFIN20090810_034419_000000532081_00290_38921_7127.N1	10-AUG-2009 03:44:19	Bright	53.000	149	45Eps Per	2.8880	30000.	106	38921	No
52	GOM_NL__2PRFIN20090810_034810_000000522081_00290_38921_7128.N1	10-AUG-2009 03:48:10	Twilight	51.500	28	12Bet Tau	1.6500	15200.	103	38921	No
53	GOM_NL__2PRFIN20090810_035023_000000432081_00290_38921_7129.N1	10-AUG-2009 03:50:23	Twilight	43.000	176	23Zet Tau	3.0200	22000.	86	38921	No
54	GOM_NL__2PRFIN20090810_035515_000000502081_00290_38921_7130.N1	10-AUG-2009 03:55:15	Dark	49.500	27	24Gam Ori	1.6360	26000.	99	38921	No
55	GOM_NL__2PRFIN20090810_035702_000000442081_00290_38921_7131.N1	10-AUG-2009 03:57:02	Dark	44.000	72	34Del Ori	2.2500	30000.	88	38921	No
56	GOM_NL__2PRFIN20090810_035955_000000522081_00290_38921_7132.N1	10-AUG-2009 03:59:55	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	38921	No
57	GOM_NL__2PRFIN20090810_040549_000000642081_00290_38921_7133.N1	10-AUG-2009 04:05:49	Dark	64.000	165	34Gam Eri	2.9500	3200.0	128	38921	No
58	GOM_NL__2PRFIN20090810_041501_000000512081_00291_38922_7124.N1	10-AUG-2009 04:15:01	Dark	51.000	157	The1Eri	2.9060	9300.0	102	38922	No
59	GOM_NL__2PRFIN20090810_042514_000000552081_00291_38922_7125.N1	10-AUG-2009 04:25:14	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38922	No
60	GOM_NL__2PRFIN20090810_042833_000000472081_00291_38922_7126.N1	10-AUG-2009 04:28:33	Straylight	46.500	63	Bet Gru	2.1500	2800.0	93	38922	No
61	GOM_NL__2PRFIN20090810_043321_000000582081_00291_38922_7127.N1	10-AUG-2009 04:33:21	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	38922	No
62	GOM_NL__2PRFIN20090810_043931_000000452081_00291_38922_7128.N1	10-AUG-2009 04:39:31	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	38922	No
63	GOM_NL__2PRFIN20090810_044313_000000452081_00291_38922_7129.N1	10-AUG-2009 04:43:13	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	38922	No
64	GOM_NL__2PRFIN20090810_044856_000000492081_00291_38922_7130.N1	10-AUG-2009 04:48:56	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38922	No
65	GOM_NL__2PRFIN20090810_045513_000000402081_00291_38922_7131.N1	10-AUG-2009 04:55:13	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38922	No
66	GOM_NL__2PRFIN20090810_045825_000000402081_00291_38922_7132.N1	10-AUG-2009 04:58:25	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38922	No
67	GOM_NL__2PRFIN20090810_050350_000000392081_00291_38922_7133.N1	10-AUG-2009 05:03:50	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38922	No
68	GOM_NL__2PRFIN20090810_050922_000000502081_00291_38922_7134.N1	10-AUG-2009 05:09:22	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38922	No
69	GOM_NL__2PRFIN20090810_051131_000000482081_00291_38922_7135.N1	10-AUG-2009 05:11:31	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38922	No
70	GOM_NL__2PRFIN20090810_051832_000000512081_00291_38922_7136.N1	10-AUG-2009 05:18:32	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	38922	No
71	GOM_NL__2PRFIN20090810_052023_000000582081_00291_38922_7137.N1	10-AUG-2009 05:20:23	Bright	58.000	35	33Alp Per	1.7950	6250.0	116	38922	No
72	GOM_NL__2PRFIN20090810_052308_000000492081_00291_38922_7138.N1	10-AUG-2009 05:23:08	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38922	No
73	GOM_NL__2PRFIN20090810_052455_000000542081_00291_38922_7139.N1	10-AUG-2009 05:24:55	Bright	53.500	149	45Eps Per	2.8880	30000.	107	38922	No
74	GOM_NL__2PRFIN20090810_052846_000000482081_00291_38922_7140.N1	10-AUG-2009 05:28:46	Twilight	48.000	28	12Bet Tau	1.6500	15200.	96	38922	No
75	GOM_NL__2PRFIN20090810_053059_000000452081_00291_38922_7141.N1	10-AUG-2009 05:30:59	Twilight	44.500	176	23Zet Tau	3.0200	22000.	89	38922	No
76	GOM_NL__2PRFIN20090810_053551_000000482081_00291_38922_7142.N1	10-AUG-2009 05:35:51	Dark	48.000	27	24Gam Ori	1.6360	26000.	96	38922	No
77	GOM_NL__2PRFIN20090810_053738_000000452081_00291_38922_7143.N1	10-AUG-2009 05:37:38	Dark	44.500	72	34Del Ori	2.2500	30000.	89	38922	No
78	GOM_NL__2PRFIN20090810_054032_000000552081_00291_38922_7144.N1	10-AUG-2009 05:40:32	Dark	55.000	7	19Bet Ori	0.10000	14000.	110	38922	No
79	GOM_NL__2PRFIN20090810_054626_000000622081_00291_38922_7145.N1	10-AUG-2009 05:46:26	Dark	62.000	165	34Gam Eri	2.9500	3200.0	124	38922	No
80	GOM_NL__2PRFIN20090810_055538_000000502081_00292_38923_7141.N1	10-AUG-2009 05:55:38	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38923	No
81	GOM_NL__2PRFIN20090810_060551_000000632081_00292_38923_7142.N1	10-AUG-2009 06:05:51	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	38923	No
82	GOM_NL__2PRFIN20090810_060909_000000582081_00292_38923_7143.N1	10-AUG-2009 06:09:09	Straylight	58.000	63	Bet Gru	2.1500	2800.0	116	38923	No
83	GOM_NL__2PRFIN20090810_061357_000000562081_00292_38923_7144.N1	10-AUG-2009 06:13:57	Twilight	56.000	18	24Alp PsA	1.1660	9700.0	112	38923	No
84	GOM_NL__2PRFIN20090810_062008_000000452081_00292_38923_7145.N1	10-AUG-2009 06:20:08	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38923	No
85	GOM_NL__2PRFIN20090810_062349_000000462081_00292_38923_7146.N1	10-AUG-2009 06:23:49	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	38923	No
86	GOM_NL__2PRFIN20090810_062931_000000492081_00292_38923_7147.N1	10-AUG-2009 06:29:31	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	38923	No
87	GOM_NL__2PRFIN20090810_063549_000000412081_00292_38923_7148.N1	10-AUG-2009 06:35:49	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38923	No
88	GOM_NL__2PRFIN20090810_063900_000000392081_00292_38923_7149.N1	10-AUG-2009 06:39:00	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	38923	No
89	GOM_NL__2PRFIN20090810_064426_000000572081_00292_38923_7150.N1	10-AUG-2009 06:44:26	Bright	57.000	89	5Alp Cep	2.4510	8000.0	114	38923	No
90	GOM_NL__2PRFIN20090810_064957_000000512081_00292_38923_7151.N1	10-AUG-2009 06:49:57	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38923	No
91	GOM_NL__2PRFIN20090810_065207_000000492081_00292_38923_7152.N1	10-AUG-2009 06:52:07	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38923	No
92	GOM_NL__2PRFIN20090810_065907_000000752081_00292_38923_7153.N1	10-AUG-2009 06:59:07	Bright	75.000	160	23Gam Per	2.9300	4700.0	150	38923	No
93	GOM_NL__2PRFIN20090810_070059_000000562081_00292_38923_7154.N1	10-AUG-2009 07:00:59	Bright	55.500	35	33Alp Per	1.7950	6250.0	111	38923	No
94	GOM_NL__2PRFIN20090810_070344_000000492081_00292_38923_7155.N1	10-AUG-2009 07:03:44	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38923	No
95	GOM_NL__2PRFIN20090810_070531_000000542081_00292_38923_7156.N1	10-AUG-2009 07:05:31	Bright	54.000	149	45Eps Per	2.8880	30000.	108	38923	No
96	GOM_NL__2PRFIN20090810_070922_000000502081_00292_38923_7157.N1	10-AUG-2009 07:09:22	Twilight	49.500	28	12Bet Tau	1.6500	15200.	99	38923	No
97	GOM_NL__2PRFIN20090810_071136_000000462081_00292_38923_7158.N1	10-AUG-2009 07:11:36	Twilight	45.500	176	23Zet Tau	3.0200	22000.	91	38923	No
98	GOM_NL__2PRFIN20090810_071628_000000472081_00292_38923_7159.N1	10-AUG-2009 07:16:28	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	38923	No
99	GOM_NL__2PRFIN20090810_071815_000000432081_00292_38923_7160.N1	10-AUG-2009 07:18:15	Dark	42.500	72	34Del Ori	2.2500	30000.	85	38923	No
100	GOM_NL__2PRFIN20090810_072108_000000532081_00292_38923_7161.N1	10-AUG-2009 07:21:08	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	38923	No
101	GOM_NL__2PRFIN20090810_072703_000000642081_00292_38923_7162.N1	10-AUG-2009 07:27:03	Dark	64.000	165	34Gam Eri	2.9500	3200.0	128	38923	No

102	GOM_NL__2PRFIN20090810_073615_000000502081_00293_38924_7155.N1	10-AUG-2009 07:36:15	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38924	No
103	GOM_NL__2PRFIN20090810_074628_000000522081_00293_38924_7156.N1	10-AUG-2009 07:46:28	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	38924	No
104	GOM_NL__2PRFIN20090810_074945_000000542081_00293_38924_7157.N1	10-AUG-2009 07:49:45	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38924	No
105	GOM_NL__2PRFIN20090810_075434_000000592081_00293_38924_7158.N1	10-AUG-2009 07:54:34	Tw_i_and_stray	58.500	18	24Alp PsA	1.1660	9700.0	117	38924	No
106	GOM_NL__2PRFIN20090810_080044_000000462081_00293_38924_7159.N1	10-AUG-2009 08:00:44	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	38924	No
107	GOM_NL__2PRFIN20090810_080425_000000462081_00293_38924_7160.N1	10-AUG-2009 08:04:25	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38924	No
108	GOM_NL__2PRFIN20090810_081007_000000492081_00293_38924_7161.N1	10-AUG-2009 08:10:07	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38924	No
109	GOM_NL__2PRFIN20090810_081625_000000412081_00293_38924_7162.N1	10-AUG-2009 08:16:25	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38924	No
110	GOM_NL__2PRFIN20090810_081936_000000402081_00293_38924_7163.N1	10-AUG-2009 08:19:36	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38924	No
111	GOM_NL__2PRFIN20090810_082501_000000562081_00293_38924_7164.N1	10-AUG-2009 08:25:01	Bright	56.000	89	5Alp Cep	2.4510	8000.0	112	38924	No
112	GOM_NL__2PRFIN20090810_083032_000000482081_00293_38924_7165.N1	10-AUG-2009 08:30:32	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38924	No
113	GOM_NL__2PRFIN20090810_083242_000000502081_00293_38924_7166.N1	10-AUG-2009 08:32:42	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38924	No
114	GOM_NL__2PRFIN20090810_083943_000000532081_00293_38924_7167.N1	10-AUG-2009 08:39:43	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	38924	No
115	GOM_NL__2PRFIN20090810_084134_000000522081_00293_38924_7168.N1	10-AUG-2009 08:41:34	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38924	No
116	GOM_NL__2PRFIN20090810_084420_000000492081_00293_38924_7169.N1	10-AUG-2009 08:44:20	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38924	No
117	GOM_NL__2PRFIN20090810_084606_000000502081_00293_38924_7170.N1	10-AUG-2009 08:46:06	Bright	50.000	149	45Eps Per	2.8880	30000.	100	38924	No
118	GOM_NL__2PRFIN20090810_084958_000000492081_00293_38924_7171.N1	10-AUG-2009 08:49:58	Tw_i_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	38924	No
119	GOM_NL__2PRFIN20090810_085212_000000452081_00293_38924_7172.N1	10-AUG-2009 08:52:12	Tw_i_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	38924	No
120	GOM_NL__2PRFIN20090810_085704_000000432081_00293_38924_7173.N1	10-AUG-2009 08:57:04	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	38924	No
121	GOM_NL__2PRFIN20090810_085851_000000412081_00293_38924_7174.N1	10-AUG-2009 08:58:51	Dark	40.500	72	34Del Ori	2.2500	30000.	81	38924	No
122	GOM_NL__2PRFIN20090810_090145_000000502081_00293_38924_7175.N1	10-AUG-2009 09:01:45	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	38924	No
123	GOM_NL__2PRFIN20090810_090741_000000642081_00293_38924_7176.N1	10-AUG-2009 09:07:41	Dark	63.500	165	34Gam Eri	2.9500	3200.0	127	38924	No
124	GOM_NL__2PRFIN20090810_091652_000000502081_00294_38925_7170.N1	10-AUG-2009 09:16:52	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38925	No
125	GOM_NL__2PRFIN20090810_092704_000000592081_00294_38925_7171.N1	10-AUG-2009 09:27:04	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	38925	No
126	GOM_NL__2PRFIN20090810_093022_000000582081_00294_38925_7172.N1	10-AUG-2009 09:30:22	Straylight	58.000	63	Bet Gru	2.1500	2800.0	116	38925	No
127	GOM_NL__2PRFIN20090810_093510_000000572081_00294_38925_7173.N1	10-AUG-2009 09:35:10	Tw_i_and_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	38925	No
128	GOM_NL__2PRFIN20090810_094120_000000642081_00294_38925_7174.N1	10-AUG-2009 09:41:20	Bright	63.500	142	49Del Cap	2.8500	8900.0	127	38925	No
129	GOM_NL__2PRFIN20090810_094501_000000452081_00294_38925_7175.N1	10-AUG-2009 09:45:01	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	38925	No
130	GOM_NL__2PRFIN20090810_095042_000000502081_00294_38925_7176.N1	10-AUG-2009 09:50:42	Bright	50.000	61	8Eps Peg	2.1000	3900.0	100	38925	No
131	GOM_NL__2PRFIN20090810_095700_000000402081_00294_38925_7177.N1	10-AUG-2009 09:57:00	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38925	No
132	GOM_NL__2PRFIN20090810_100012_000000572081_00294_38925_7178.N1	10-AUG-2009 10:00:12	Bright	57.000	19	50Alp Cyg	1.2460	10500.	114	38925	No
133	GOM_NL__2PRFIN20090810_100537_000000372081_00294_38925_7179.N1	10-AUG-2009 10:05:37	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	38925	No
134	GOM_NL__2PRFIN20090810_101107_000000512081_00294_38925_7180.N1	10-AUG-2009 10:11:07	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38925	No
135	GOM_NL__2PRFIN20090810_101317_000000472081_00294_38925_7181.N1	10-AUG-2009 10:13:17	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38925	No
136	GOM_NL__2PRFIN20090810_102018_000000512081_00294_38925_7182.N1	10-AUG-2009 10:20:18	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	38925	No
137	GOM_NL__2PRFIN20090810_102210_000000562081_00294_38925_7183.N1	10-AUG-2009 10:22:10	Bright	55.500	35	33Alp Per	1.7950	6250.0	111	38925	No
138	GOM_NL__2PRFIN20090810_102455_000000452081_00294_38925_7184.N1	10-AUG-2009 10:24:55	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	38925	No
139	GOM_NL__2PRFIN20090810_102642_000000502081_00294_38925_7185.N1	10-AUG-2009 10:26:42	Bright	50.000	149	45Eps Per	2.8880	30000.	100	38925	No
140	GOM_NL__2PRFIN20090810_103034_000000492081_00294_38925_7186.N1	10-AUG-2009 10:30:34	Tw_i_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	38925	No
141	GOM_NL__2PRFIN20090810_103248_000000442081_00294_38925_7187.N1	10-AUG-2009 10:32:48	Tw_i_and_stray	43.500	176	23Zet Tau	3.0200	22000.	87	38925	No
142	GOM_NL__2PRFIN20090810_103740_000000432081_00294_38925_7188.N1	10-AUG-2009 10:37:40	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	38925	No
143	GOM_NL__2PRFIN20090810_103928_000000452081_00294_38925_7189.N1	10-AUG-2009 10:39:28	Dark	45.000	72	34Del Ori	2.2500	30000.	90	38925	No
144	GOM_NL__2PRFIN20090810_104222_000000512081_00294_38925_7190.N1	10-AUG-2009 10:42:22	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	38925	No
145	GOM_NL__2PRFIN20090810_104818_000000662081_00294_38925_7191.N1	10-AUG-2009 10:48:18	Dark	65.500	165	34Gam Eri	2.9500	3200.0	131	38925	No
146	GOM_NL__2PRFIN20090810_105729_000000502081_00295_38926_7184.N1	10-AUG-2009 10:57:29	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38926	No
147	GOM_NL__2PRFIN20090810_110741_000000532081_00295_38926_7185.N1	10-AUG-2009 11:07:41	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38926	No
148	GOM_NL__2PRFIN20090810_111058_000000472081_00295_38926_7186.N1	10-AUG-2009 11:10:58	Straylight	46.500	63	Bet Gru	2.1500	2800.0	93	38926	No
149	GOM_NL__2PRFIN20090810_111547_000000552081_00295_38926_7187.N1	10-AUG-2009 11:15:47	Tw_i_and_stray	54.500	18	24Alp PsA	1.1660	9700.0	109	38926	No
150	GOM_NL__2PRFIN20090810_112156_000000642081_00295_38926_7188.N1	10-AUG-2009 11:21:56	Bright	64.000	142	49Del Cap	2.8500	8900.0	128	38926	No
151	GOM_NL__2PRFIN20090810_112537_000000442081_00295_38926_7189.N1	10-AUG-2009 11:25:37	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	38926	No
152	GOM_NL__2PRFIN20090810_113118_000000492081_00295_38926_7190.N1	10-AUG-2009 11:31:18	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38926	No
153	GOM_NL__2PRFIN20090810_113736_000000392081_00295_38926_7191.N1	10-AUG-2009 11:37:36	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38926	No
154	GOM_NL__2PRFIN20090810_114047_000000402081_00295_38926_7192.N1	10-AUG-2009 11:40:47	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38926	No
155	GOM_NL__2PRFIN20090810_114613_000000372081_00295_38926_7193.N1	10-AUG-2009 11:46:13	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	38926	No
156	GOM_NL__2PRFIN20090810_115142_000000492081_00295_38926_7194.N1	10-AUG-2009 11:51:42	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38926	No
157	GOM_NL__2PRFIN20090810_115352_000000482081_00295_38926_7195.N1	10-AUG-2009 11:53:52	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38926	No
158	GOM_NL__2PRFIN20090810_120053_000000502081_00295_38926_7196.N1	10-AUG-2009 12:00:53	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38926	No
159	GOM_NL__2PRFIN20090810_120245_000000572081_00295_38926_7197.N1	10-AUG-2009 12:02:45	Bright	56.500	35	33Alp Per	1.7950	6250.0	113	38926	No
160	GOM_NL__2PRFIN20090810_120531_000000592081_00295_38926_7198.N1	10-AUG-2009 12:05:31	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	38926	No

161	GOM_NL__2PRFIN20090810_120718_000000442081_00295_38926_7199.N1	10-AUG-2009 12:07:18	Bright	44.000	149	45Eps Per	2.8880	30000.	88	38926	No
162	GOM_NL__2PRFIN20090810_121110_000000492081_00295_38926_7200.N1	10-AUG-2009 12:11:10	Twilight	49.000	28	12Bet Tau	1.6500	15200.	98	38926	No
163	GOM_NL__2PRFIN20090810_121324_000000412081_00295_38926_7201.N1	10-AUG-2009 12:13:24	Twilight	40.500	176	23Zet Tau	3.0200	22000.	81	38926	No
164	GOM_NL__2PRFIN20090810_121625_000000682081_00295_38926_7202.N1	10-AUG-2009 12:16:25	Dark	67.500	13	87Alp Tau	0.86700	3800.0	135	38926	No
165	GOM_NL__2PRFIN20090810_121817_000000472081_00295_38926_7203.N1	10-AUG-2009 12:18:17	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	38926	No
166	GOM_NL__2PRFIN20090810_122004_000000452081_00295_38926_7204.N1	10-AUG-2009 12:20:04	Dark	44.500	72	34Del Ori	2.2500	30000.	89	38926	No
167	GOM_NL__2PRFIN20090810_122258_000000612081_00295_38926_7205.N1	10-AUG-2009 12:22:58	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	38926	No
168	GOM_NL__2PRFIN20090810_122855_000000672081_00295_38926_7206.N1	10-AUG-2009 12:28:55	Dark	67.000	165	34Gam Eri	2.9500	3200.0	134	38926	No
169	GOM_NL__2PRFIN20090810_123806_000000512081_00296_38927_7198.N1	10-AUG-2009 12:38:06	Dark	51.000	157	The1Eri	2.9060	9300.0	102	38927	No
170	GOM_NL__2PRFIN20090810_124818_000000542081_00296_38927_7199.N1	10-AUG-2009 12:48:18	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38927	No
171	GOM_NL__2PRFIN20090810_125135_000000462081_00296_38927_7200.N1	10-AUG-2009 12:51:35	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	38927	No
172	GOM_NL__2PRFIN20090810_125623_000000592081_00296_38927_7201.N1	10-AUG-2009 12:56:23	Twilight	59.000	18	24Alp PsA	1.1660	9700.0	118	38927	No
173	GOM_NL__2PRFIN20090810_130232_000000642081_00296_38927_7202.N1	10-AUG-2009 13:02:32	Bright	64.000	142	49Del Cap	2.8500	8900.0	128	38927	No
174	GOM_NL__2PRFIN20090810_130613_000000432081_00296_38927_7203.N1	10-AUG-2009 13:06:13	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	38927	No
175	GOM_NL__2PRFIN20090810_131153_000000492081_00296_38927_7204.N1	10-AUG-2009 13:11:53	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	38927	No
176	GOM_NL__2PRFIN20090810_131811_000000412081_00296_38927_7205.N1	10-AUG-2009 13:18:11	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38927	No
177	GOM_NL__2PRFIN20090810_132123_000000402081_00296_38927_7206.N1	10-AUG-2009 13:21:23	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38927	No
178	GOM_NL__2PRFIN20090810_132648_000000402081_00296_38927_7207.N1	10-AUG-2009 13:26:48	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38927	No
179	GOM_NL__2PRFIN20090810_133217_000000472081_00296_38927_7208.N1	10-AUG-2009 13:32:17	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	38927	No
180	GOM_NL__2PRFIN20090810_133427_000000472081_00296_38927_7209.N1	10-AUG-2009 13:34:27	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38927	No
181	GOM_NL__2PRFIN20090810_134129_000000512081_00296_38927_7210.N1	10-AUG-2009 13:41:29	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	38927	No
182	GOM_NL__2PRFIN20090810_134321_000000562081_00296_38927_7211.N1	10-AUG-2009 13:43:21	Bright	55.500	35	33Alp Per	1.7950	6250.0	111	38927	No
183	GOM_NL__2PRFIN20090810_134607_000000482081_00296_38927_7212.N1	10-AUG-2009 13:46:07	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	38927	No
184	GOM_NL__2PRFIN20090810_134754_000000442081_00296_38927_7213.N1	10-AUG-2009 13:47:54	Bright	44.000	149	45Eps Per	2.8880	30000.	88	38927	No
185	GOM_NL__2PRFIN20090810_135147_000000472081_00296_38927_7214.N1	10-AUG-2009 13:51:47	Twilight	47.000	28	12Bet Tau	1.6500	15200.	94	38927	No
186	GOM_NL__2PRFIN20090810_135400_000000442081_00296_38927_7215.N1	10-AUG-2009 13:54:00	Twilight	43.500	176	23Zet Tau	3.0200	22000.	87	38927	No
187	GOM_NL__2PRFIN20090810_135702_000000752081_00296_38927_7216.N1	10-AUG-2009 13:57:02	Dark	74.500	13	87Alp Tau	0.86700	3800.0	149	38927	No
188	GOM_NL__2PRFIN20090810_135853_000000472081_00296_38927_7217.N1	10-AUG-2009 13:58:53	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	38927	No
189	GOM_NL__2PRFIN20090810_140041_000000412081_00296_38927_7218.N1	10-AUG-2009 14:00:41	Dark	40.500	72	34Del Ori	2.2500	30000.	81	38927	No
190	GOM_NL__2PRFIN20090810_140334_000000592081_00296_38927_7219.N1	10-AUG-2009 14:03:34	Dark	59.000	7	19Bet Ori	0.10000	14000.	118	38927	No
191	GOM_NL__2PRFIN20090810_140932_000000692081_00296_38927_7220.N1	10-AUG-2009 14:09:32	Dark	69.000	165	34Gam Eri	2.9500	3200.0	138	38927	No
192	GOM_NL__2PRFIN20090810_141843_000000492081_00297_38928_7215.N1	10-AUG-2009 14:18:43	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38928	No
193	GOM_NL__2PRFIN20090810_142855_000000532081_00297_38928_7216.N1	10-AUG-2009 14:28:55	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38928	No
194	GOM_NL__2PRFIN20090810_143211_000000462081_00297_38928_7217.N1	10-AUG-2009 14:32:11	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	38928	No
195	GOM_NL__2PRFIN20090810_143700_000000562081_00297_38928_7218.N1	10-AUG-2009 14:37:00	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	38928	No
196	GOM_NL__2PRFIN20090810_144308_000000462081_00297_38928_7219.N1	10-AUG-2009 14:43:08	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	38928	No
197	GOM_NL__2PRFIN20090810_144648_000000642081_00297_38928_7220.N1	10-AUG-2009 14:46:48	Bright	64.000	154	22Bet Aqr	2.8990	5700.0	128	38928	No
198	GOM_NL__2PRFIN20090810_144911_000000252081_00297_38928_7221.N1	10-AUG-2009 14:49:11	Twilight	25.000	162	34Alp Aqr	2.9440	5350.0	50	38928	No
199	GOM_NL__2PRFIN20090810_145229_000000512081_00297_38928_7222.N1	10-AUG-2009 14:52:29	Bright	51.000	61	8Eps Peg	2.1000	3900.0	102	38928	No
200	GOM_NL__2PRFIN20090810_145847_000000392081_00297_38928_7223.N1	10-AUG-2009 14:58:47	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38928	No
201	GOM_NL__2PRFIN20090810_150159_000000402081_00297_38928_7224.N1	10-AUG-2009 15:01:59	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38928	No
202	GOM_NL__2PRFIN20090810_150724_000000392081_00297_38928_7225.N1	10-AUG-2009 15:07:24	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38928	No
203	GOM_NL__2PRFIN20090810_151252_000000482081_00297_38928_7226.N1	10-AUG-2009 15:12:52	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	38928	No
204	GOM_NL__2PRFIN20090810_151503_000000472081_00297_38928_7227.N1	10-AUG-2009 15:15:03	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38928	No
205	GOM_NL__2PRFIN20090810_152204_000000512081_00297_38928_7228.N1	10-AUG-2009 15:22:04	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	38928	No
206	GOM_NL__2PRFIN20090810_152356_000000552081_00297_38928_7229.N1	10-AUG-2009 15:23:56	Bright	54.500	35	33Alp Per	1.7950	6250.0	109	38928	No
207	GOM_NL__2PRFIN20090810_152643_000000482081_00297_38928_7230.N1	10-AUG-2009 15:26:43	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	38928	No
208	GOM_NL__2PRFIN20090810_152830_000000382081_00297_38928_7231.N1	10-AUG-2009 15:28:30	Bright	38.000	149	45Eps Per	2.8880	30000.	76	38928	No
209	GOM_NL__2PRFIN20090810_153223_000000482081_00297_38928_7232.N1	10-AUG-2009 15:32:23	Twilight	47.500	28	12Bet Tau	1.6500	15200.	95	38928	No
210	GOM_NL__2PRFIN20090810_153436_000000442081_00297_38928_7233.N1	10-AUG-2009 15:34:36	Twilight	43.500	176	23Zet Tau	3.0200	22000.	87	38928	No
211	GOM_NL__2PRFIN20090810_153738_000000702081_00297_38928_7234.N1	10-AUG-2009 15:37:38	Dark	70.000	13	87Alp Tau	0.86700	3800.0	140	38928	No
212	GOM_NL__2PRFIN20090810_153930_000000432081_00297_38928_7235.N1	10-AUG-2009 15:39:30	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	38928	No
213	GOM_NL__2PRFIN20090810_154117_000000442081_00297_38928_7236.N1	10-AUG-2009 15:41:17	Dark	44.000	72	34Del Ori	2.2500	30000.	88	38928	No
214	GOM_NL__2PRFIN20090810_154411_000000582081_00297_38928_7237.N1	10-AUG-2009 15:44:11	Dark	58.000	7	19Bet Ori	0.10000	14000.	116	38928	No
215	GOM_NL__2PRFIN20090810_155010_000000702081_00297_38928_7238.N1	10-AUG-2009 15:50:10	Dark	70.000	165	34Gam Eri	2.9500	3200.0	140	38928	No
216	GOM_NL__2PRFIN20090810_155920_000000502081_00298_38929_7230.N1	10-AUG-2009 15:59:20	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38929	No
217	GOM_NL__2PRFIN20090810_160932_000000522081_00298_38929_7231.N1	10-AUG-2009 16:09:32	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	38929	No
218	GOM_NL__2PRFIN20090810_161248_000000492081_00298_38929_7232.N1	10-AUG-2009 16:12:48	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	38929	No
219	GOM_NL__2PRFIN20090810_161736_000000562081_00298_38929_7233.N1	10-AUG-2009 16:17:36	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	38929	No

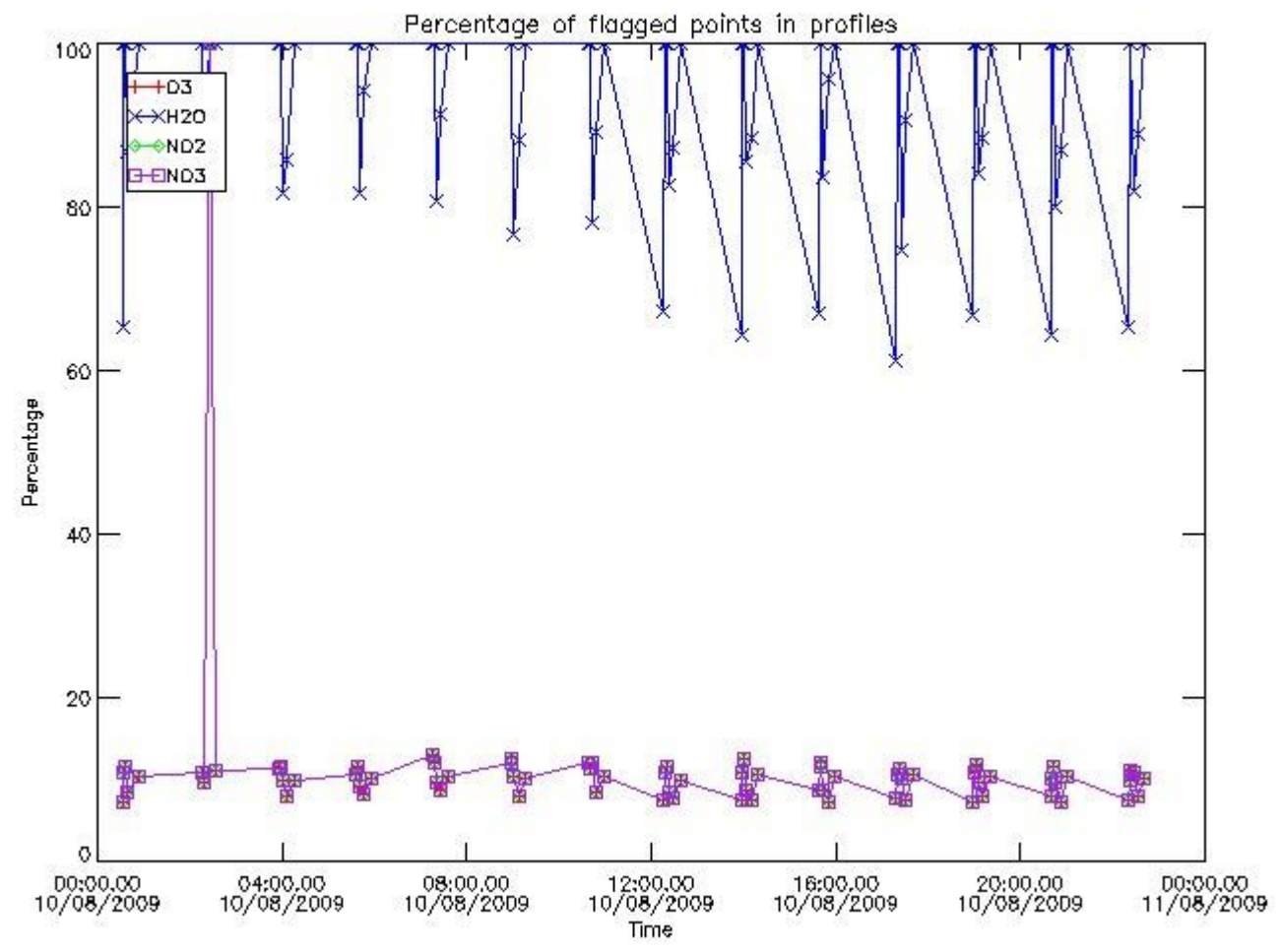
220	GOM_NL__2PRFIN20090810_162344_000000462081_00298_38929_7234.N1	10-AUG-2009 16:23:44	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	38929	No
221	GOM_NL__2PRFIN20090810_162724_000000642081_00298_38929_7235.N1	10-AUG-2009 16:27:24	Bright	64.000	154	22Bet Aqr	2.8990	5700.0	128	38929	No
222	GOM_NL__2PRFIN20090810_162946_000000252081_00298_38929_7236.N1	10-AUG-2009 16:29:46	Tw_i_and_stray	25.000	162	34Alp Aqr	2.9440	5350.0	50	38929	No
223	GOM_NL__2PRFIN20090810_163304_000000502081_00298_38929_7237.N1	10-AUG-2009 16:33:04	Bright	50.000	61	8Eps Peg	2.1000	3900.0	100	38929	No
224	GOM_NL__2PRFIN20090810_163923_000000392081_00298_38929_7238.N1	10-AUG-2009 16:39:23	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	38929	No
225	GOM_NL__2PRFIN20090810_164234_000000382081_00298_38929_7239.N1	10-AUG-2009 16:42:34	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	38929	No
226	GOM_NL__2PRFIN20090810_164759_000000392081_00298_38929_7240.N1	10-AUG-2009 16:47:59	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38929	No
227	GOM_NL__2PRFIN20090810_165328_000000502081_00298_38929_7241.N1	10-AUG-2009 16:53:28	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38929	No
228	GOM_NL__2PRFIN20090810_165538_000000502081_00298_38929_7242.N1	10-AUG-2009 16:55:38	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38929	No
229	GOM_NL__2PRFIN20090810_170240_000000752081_00298_38929_7243.N1	10-AUG-2009 17:02:40	Bright	75.000	160	23Gam Per	2.9300	4700.0	150	38929	No
230	GOM_NL__2PRFIN20090810_170432_000000522081_00298_38929_7244.N1	10-AUG-2009 17:04:32	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38929	No
231	GOM_NL__2PRFIN20090810_170719_000000492081_00298_38929_7245.N1	10-AUG-2009 17:07:19	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38929	No
232	GOM_NL__2PRFIN20090810_170906_000000382081_00298_38929_7246.N1	10-AUG-2009 17:09:06	Bright	38.000	149	45Eps Per	2.8880	30000.	76	38929	No
233	GOM_NL__2PRFIN20090810_171259_000000482081_00298_38929_7247.N1	10-AUG-2009 17:12:59	Tw_i_and_stray	47.500	28	12Bet Tau	1.6500	15200.	95	38929	No
234	GOM_NL__2PRFIN20090810_171513_000000422081_00298_38929_7248.N1	10-AUG-2009 17:15:13	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	38929	No
235	GOM_NL__2PRFIN20090810_171815_000000662081_00298_38929_7249.N1	10-AUG-2009 17:18:15	Dark	66.000	13	87Alp Tau	0.86700	3800.0	132	38929	No
236	GOM_NL__2PRFIN20090810_172006_000000492081_00298_38929_7250.N1	10-AUG-2009 17:20:06	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	38929	No
237	GOM_NL__2PRFIN20090810_172154_000000452081_00298_38929_7251.N1	10-AUG-2009 17:21:54	Dark	45.000	72	34Del Ori	2.2500	30000.	90	38929	No
238	GOM_NL__2PRFIN20090810_172448_000000502081_00298_38929_7252.N1	10-AUG-2009 17:24:48	Dark	50.000	7	19Bet Ori	0.10000	14000.	100	38929	No
239	GOM_NL__2PRFIN20090810_173047_000000692081_00298_38929_7253.N1	10-AUG-2009 17:30:47	Dark	69.000	165	34Gam Eri	2.9500	3200.0	138	38929	No
240	GOM_NL__2PRFIN20090810_173957_000000492081_00299_38930_7265.N1	10-AUG-2009 17:39:57	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38930	No
241	GOM_NL__2PRFIN20090810_175009_000000522081_00299_38930_7266.N1	10-AUG-2009 17:50:09	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	38930	No
242	GOM_NL__2PRFIN20090810_175324_000000542081_00299_38930_7267.N1	10-AUG-2009 17:53:24	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38930	No
243	GOM_NL__2PRFIN20090810_175812_000000592081_00299_38930_7268.N1	10-AUG-2009 17:58:12	Tw_i_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	38930	No
244	GOM_NL__2PRFIN20090810_180420_000000462081_00299_38930_7269.N1	10-AUG-2009 18:04:20	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	38930	No
245	GOM_NL__2PRFIN20090810_180800_000000442081_00299_38930_7270.N1	10-AUG-2009 18:08:00	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	38930	No
246	GOM_NL__2PRFIN20090810_181022_000000312081_00299_38930_7271.N1	10-AUG-2009 18:10:22	Tw_i_and_stray	31.000	162	34Alp Aqr	2.9440	5350.0	62	38930	No
247	GOM_NL__2PRFIN20090810_181340_000000602081_00299_38930_7272.N1	10-AUG-2009 18:13:40	Bright	60.000	61	8Eps Peg	2.1000	3900.0	120	38930	No
248	GOM_NL__2PRFIN20090810_181958_000000582081_00299_38930_7273.N1	10-AUG-2009 18:19:58	Bright	58.000	92	53Eps Cyg	2.5000	4500.0	116	38930	No
249	GOM_NL__2PRFIN20090810_182310_000000572081_00299_38930_7274.N1	10-AUG-2009 18:23:10	Bright	57.000	19	50Alp Cyg	1.2460	10500.	114	38930	No
250	GOM_NL__2PRFIN20090810_182835_000000402081_00299_38930_7275.N1	10-AUG-2009 18:28:35	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38930	No
251	GOM_NL__2PRFIN20090810_183403_000000522081_00299_38930_7276.N1	10-AUG-2009 18:34:03	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	38930	No
252	GOM_NL__2PRFIN20090810_183613_000000472081_00299_38930_7277.N1	10-AUG-2009 18:36:13	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	38930	No
253	GOM_NL__2PRFIN20090810_184315_000000542081_00299_38930_7278.N1	10-AUG-2009 18:43:15	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	38930	No
254	GOM_NL__2PRFIN20090810_184507_000000552081_00299_38930_7279.N1	10-AUG-2009 18:45:07	Bright	54.500	35	33Alp Per	1.7950	6250.0	109	38930	No
255	GOM_NL__2PRFIN20090810_184755_000000482081_00299_38930_7280.N1	10-AUG-2009 18:47:55	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	38930	No
256	GOM_NL__2PRFIN20090810_184941_000000322081_00299_38930_7281.N1	10-AUG-2009 18:49:41	Tw_i_and_stray	32.000	149	45Eps Per	2.8880	30000.	64	38930	No
257	GOM_NL__2PRFIN20090810_185335_000000462081_00299_38930_7282.N1	10-AUG-2009 18:53:35	Tw_i_and_stray	45.500	28	12Bet Tau	1.6500	15200.	91	38930	No
258	GOM_NL__2PRFIN20090810_185549_000000412081_00299_38930_7283.N1	10-AUG-2009 18:55:49	Tw_i_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	38930	No
259	GOM_NL__2PRFIN20090810_185851_000000702081_00299_38930_7284.N1	10-AUG-2009 18:58:51	Dark	69.500	13	87Alp Tau	0.86700	3800.0	139	38930	No
260	GOM_NL__2PRFIN20090810_190042_000000482081_00299_38930_7285.N1	10-AUG-2009 19:00:42	Dark	47.500	27	24Gam Ori	1.6360	26000.	95	38930	No
261	GOM_NL__2PRFIN20090810_190230_000000432081_00299_38930_7286.N1	10-AUG-2009 19:02:30	Dark	43.000	72	34Del Ori	2.2500	30000.	86	38930	No
262	GOM_NL__2PRFIN20090810_190525_000000542081_00299_38930_7287.N1	10-AUG-2009 19:05:25	Dark	53.500	7	19Bet Ori	0.10000	14000.	107	38930	No
263	GOM_NL__2PRFIN20090810_191125_000000702081_00299_38930_7288.N1	10-AUG-2009 19:11:25	Dark	69.500	165	34Gam Eri	2.9500	3200.0	139	38930	No
264	GOM_NL__2PRFIN20090810_192035_000000502081_00300_38931_7284.N1	10-AUG-2009 19:20:35	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38931	No
265	GOM_NL__2PRFIN20090810_193045_000000652081_00300_38931_7285.N1	10-AUG-2009 19:30:45	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	38931	No
266	GOM_NL__2PRFIN20090810_193402_000000572081_00300_38931_7286.N1	10-AUG-2009 19:34:02	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	38931	No
267	GOM_NL__2PRFIN20090810_193849_000000572081_00300_38931_7287.N1	10-AUG-2009 19:38:49	Tw_i_and_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	38931	No
268	GOM_NL__2PRFIN20090810_194456_000000472081_00300_38931_7288.N1	10-AUG-2009 19:44:56	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38931	No
269	GOM_NL__2PRFIN20090810_194836_000000452081_00300_38931_7289.N1	10-AUG-2009 19:48:36	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	38931	No
270	GOM_NL__2PRFIN20090810_195057_000000312081_00300_38931_7290.N1	10-AUG-2009 19:50:57	Tw_i_and_stray	31.000	162	34Alp Aqr	2.9440	5350.0	62	38931	No
271	GOM_NL__2PRFIN20090810_195415_000000472081_00300_38931_7291.N1	10-AUG-2009 19:54:15	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38931	No
272	GOM_NL__2PRFIN20090810_200034_000000392081_00300_38931_7292.N1	10-AUG-2009 20:00:34	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	38931	No
273	GOM_NL__2PRFIN20090810_200346_000000382081_00300_38931_7293.N1	10-AUG-2009 20:03:46	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	38931	No
274	GOM_NL__2PRFIN20090810_200911_000000382081_00300_38931_7294.N1	10-AUG-2009 20:09:11	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38931	No
275	GOM_NL__2PRFIN20090810_201438_000000492081_00300_38931_7295.N1	10-AUG-2009 20:14:38	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38931	No
276	GOM_NL__2PRFIN20090810_201648_000000492081_00300_38931_7296.N1	10-AUG-2009 20:16:48	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38931	No
277	GOM_NL__2PRFIN20090810_202351_000000602081_00300_38931_7297.N1	10-AUG-2009 20:23:51	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	38931	No
278	GOM_NL__2PRFIN20090810_202543_000000562081_00300_38931_7298.N1	10-AUG-2009 20:25:43	Bright	56.000	35	33Alp Per	1.7950	6250.0	112	38931	No

279	GOM_NL__2PRFIN20090810_202831_000000452081_00300_38931_7299.N1	10-AUG-2009 20:28:31	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38931	No
280	GOM_NL__2PRFIN20090810_203017_000000322081_00300_38931_7300.N1	10-AUG-2009 20:30:17	Twilight	32.000	149	45Eps Per	2.8880	30000.	64	38931	No
281	GOM_NL__2PRFIN20090810_203411_000000472081_00300_38931_7301.N1	10-AUG-2009 20:34:11	Twilight	47.000	28	12Bet Tau	1.6500	15200.	94	38931	No
282	GOM_NL__2PRFIN20090810_203625_000000452081_00300_38931_7302.N1	10-AUG-2009 20:36:25	Twilight	44.500	176	23Zet Tau	3.0200	22000.	89	38931	No
283	GOM_NL__2PRFIN20090810_203928_000000652081_00300_38931_7303.N1	10-AUG-2009 20:39:28	Dark	65.000	13	87Alp Tau	0.86700	3800.0	130	38931	No
284	GOM_NL__2PRFIN20090810_204119_000000512081_00300_38931_7304.N1	10-AUG-2009 20:41:19	Dark	50.500	27	24Gam Ori	1.6360	26000.	101	38931	No
285	GOM_NL__2PRFIN20090810_204306_000000452081_00300_38931_7305.N1	10-AUG-2009 20:43:06	Dark	44.500	72	34Del Ori	2.2500	30000.	89	38931	No
286	GOM_NL__2PRFIN20090810_204601_000000532081_00300_38931_7306.N1	10-AUG-2009 20:46:01	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	38931	No
287	GOM_NL__2PRFIN20090810_205202_000000702081_00300_38931_7307.N1	10-AUG-2009 20:52:02	Dark	69.500	165	34Gam Eri	2.9500	3200.0	139	38931	No
288	GOM_NL__2PRFIN20090810_210112_000000492081_00301_38932_7301.N1	10-AUG-2009 21:01:12	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38932	No
289	GOM_NL__2PRFIN20090810_211122_000000662081_00301_38932_7302.N1	10-AUG-2009 21:11:22	Straylight	65.500	84	Alp Phe	2.3970	4500.0	131	38932	No
290	GOM_NL__2PRFIN20090810_211925_000000572081_00301_38932_7303.N1	10-AUG-2009 21:19:25	Twilight	57.000	18	24Alp PsA	1.1660	9700.0	114	38932	No
291	GOM_NL__2PRFIN20090810_212532_000000432081_00301_38932_7304.N1	10-AUG-2009 21:25:32	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	38932	No
292	GOM_NL__2PRFIN20090810_212912_000000452081_00301_38932_7305.N1	10-AUG-2009 21:29:12	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	38932	No
293	GOM_NL__2PRFIN20090810_213133_000000382081_00301_38932_7306.N1	10-AUG-2009 21:31:33	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	38932	No
294	GOM_NL__2PRFIN20090810_213451_000000472081_00301_38932_7307.N1	10-AUG-2009 21:34:51	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38932	No
295	GOM_NL__2PRFIN20090810_214109_000000382081_00301_38932_7308.N1	10-AUG-2009 21:41:09	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	38932	No
296	GOM_NL__2PRFIN20090810_214421_000000372081_00301_38932_7309.N1	10-AUG-2009 21:44:21	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	38932	No
297	GOM_NL__2PRFIN20090810_214946_000000392081_00301_38932_7310.N1	10-AUG-2009 21:49:46	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38932	No
298	GOM_NL__2PRFIN20090810_215513_000000462081_00301_38932_7311.N1	10-AUG-2009 21:55:13	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	38932	No
299	GOM_NL__2PRFIN20090810_215723_000000452081_00301_38932_7312.N1	10-AUG-2009 21:57:23	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	38932	No
300	GOM_NL__2PRFIN20090810_220426_000000532081_00301_38932_7313.N1	10-AUG-2009 22:04:26	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	38932	No
301	GOM_NL__2PRFIN20090810_220618_000000562081_00301_38932_7314.N1	10-AUG-2009 22:06:18	Bright	56.000	35	33Alp Per	1.7950	6250.0	112	38932	No
302	GOM_NL__2PRFIN20090810_220906_000000452081_00301_38932_7315.N1	10-AUG-2009 22:09:06	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38932	No
303	GOM_NL__2PRFIN20090810_221053_000000262081_00301_38932_7316.N1	10-AUG-2009 22:10:53	Twilight	26.000	149	45Eps Per	2.8880	30000.	52	38932	No
304	GOM_NL__2PRFIN20090810_221447_000000472081_00301_38932_7317.N1	10-AUG-2009 22:14:47	Twilight	46.500	28	12Bet Tau	1.6500	15200.	93	38932	No
305	GOM_NL__2PRFIN20090810_221701_000000422081_00301_38932_7318.N1	10-AUG-2009 22:17:01	Twilight	42.000	176	23Zet Tau	3.0200	22000.	84	38932	No
306	GOM_NL__2PRFIN20090810_222004_000000682081_00301_38932_7319.N1	10-AUG-2009 22:20:04	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38932	No
307	GOM_NL__2PRFIN20090810_222155_000000512081_00301_38932_7320.N1	10-AUG-2009 22:21:55	Dark	51.000	27	24Gam Ori	1.6360	26000.	102	38932	No
308	GOM_NL__2PRFIN20090810_222351_000000462081_00301_38932_7321.N1	10-AUG-2009 22:23:51	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	38932	No
309	GOM_NL__2PRFIN20090810_222638_000000472081_00301_38932_7322.N1	10-AUG-2009 22:26:38	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	38932	No
310	GOM_NL__2PRFIN20090810_223239_000000642081_00301_38932_7323.N1	10-AUG-2009 22:32:39	Dark	64.000	165	34Gam Eri	2.9500	3200.0	128	38932	No
311	GOM_NL__2PRFIN20090810_224148_000000512081_00302_38933_7316.N1	10-AUG-2009 22:41:48	Dark	50.500	157	The1Eri	2.9060	9300.0	101	38933	No
312	GOM_NL__2PRFIN20090810_225159_000000522081_00302_38933_7317.N1	10-AUG-2009 22:51:59	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	38933	No
313	GOM_NL__2PRFIN20090810_230002_000000582081_00302_38933_7318.N1	10-AUG-2009 23:00:02	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	38933	No
314	GOM_NL__2PRFIN20090810_230608_000000492081_00302_38933_7319.N1	10-AUG-2009 23:06:08	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	38933	No
315	GOM_NL__2PRFIN20090810_230947_000000452081_00302_38933_7320.N1	10-AUG-2009 23:09:47	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	38933	No
316	GOM_NL__2PRFIN20090810_231209_000000382081_00302_38933_7321.N1	10-AUG-2009 23:12:09	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	38933	No
317	GOM_NL__2PRFIN20090810_231526_000000502081_00302_38933_7322.N1	10-AUG-2009 23:15:26	Bright	50.000	61	8Eps Peg	2.1000	3900.0	100	38933	No
318	GOM_NL__2PRFIN20090810_232145_000000382081_00302_38933_7323.N1	10-AUG-2009 23:21:45	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	38933	No
319	GOM_NL__2PRFIN20090810_232457_000000382081_00302_38933_7324.N1	10-AUG-2009 23:24:57	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	38933	No
320	GOM_NL__2PRFIN20090810_233021_000000392081_00302_38933_7325.N1	10-AUG-2009 23:30:21	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38933	No
321	GOM_NL__2PRFIN20090810_233548_000000482081_00302_38933_7326.N1	10-AUG-2009 23:35:48	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38933	No
322	GOM_NL__2PRFIN20090810_233758_000000502081_00302_38933_7327.N1	10-AUG-2009 23:37:58	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38933	No
323	GOM_NL__2PRFIN20090810_234501_000000522081_00302_38933_7328.N1	10-AUG-2009 23:45:01	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38933	No
324	GOM_NL__2PRFIN20090810_234654_000000562081_00302_38933_7329.N1	10-AUG-2009 23:46:54	Bright	56.000	35	33Alp Per	1.7950	6250.0	112	38933	No
325	GOM_NL__2PRFIN20090810_234942_000000472081_00302_38933_7330.N1	10-AUG-2009 23:49:42	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38933	No
326	GOM_NL__2PRFIN20090810_235129_000000262081_00302_38933_7331.N1	10-AUG-2009 23:51:29	Twilight	26.000	149	45Eps Per	2.8880	30000.	52	38933	No
327	GOM_NL__2PRFIN20090810_235523_000000492081_00302_38933_7332.N1	10-AUG-2009 23:55:23	Twilight	48.500	28	12Bet Tau	1.6500	15200.	97	38933	No
328	GOM_NL__2PRFIN20090810_235737_000000452081_00302_38933_7333.N1	10-AUG-2009 23:57:37	Twilight	45.000	176	23Zet Tau	3.0200	22000.	90	38933	No

3. Quality information per product

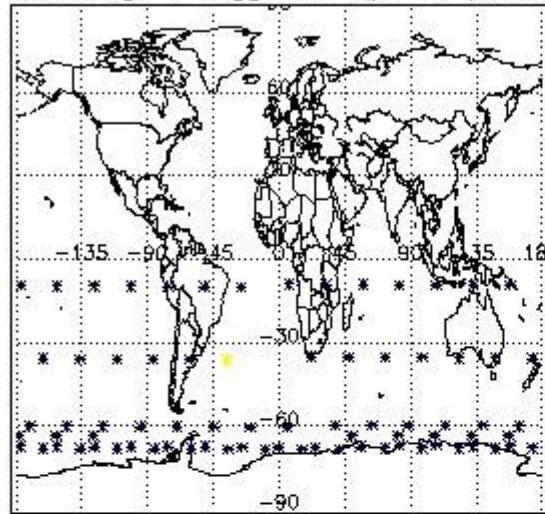
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

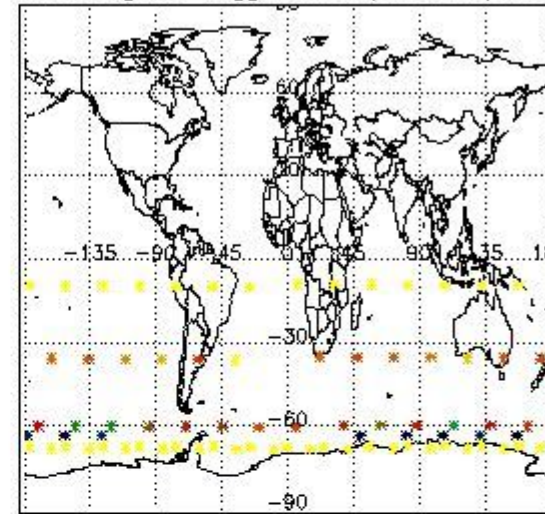


3.2 Plot quality information per product (world map)

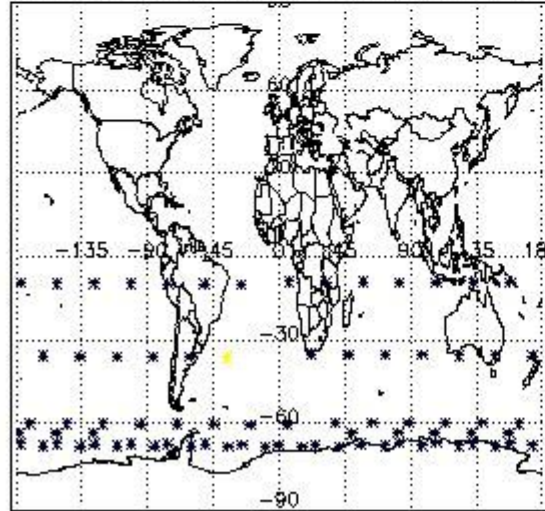
Percentage of flagged data per O3 profile



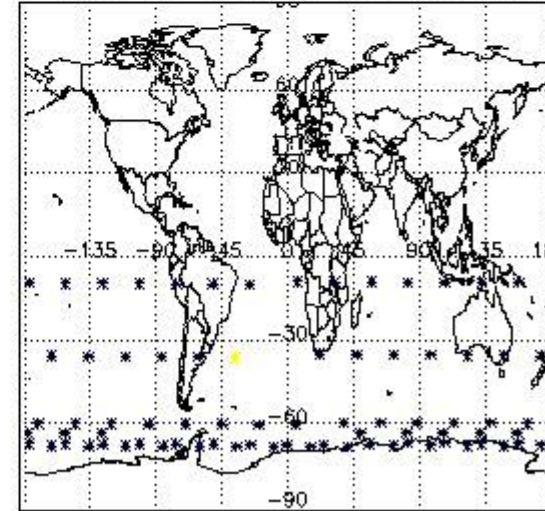
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

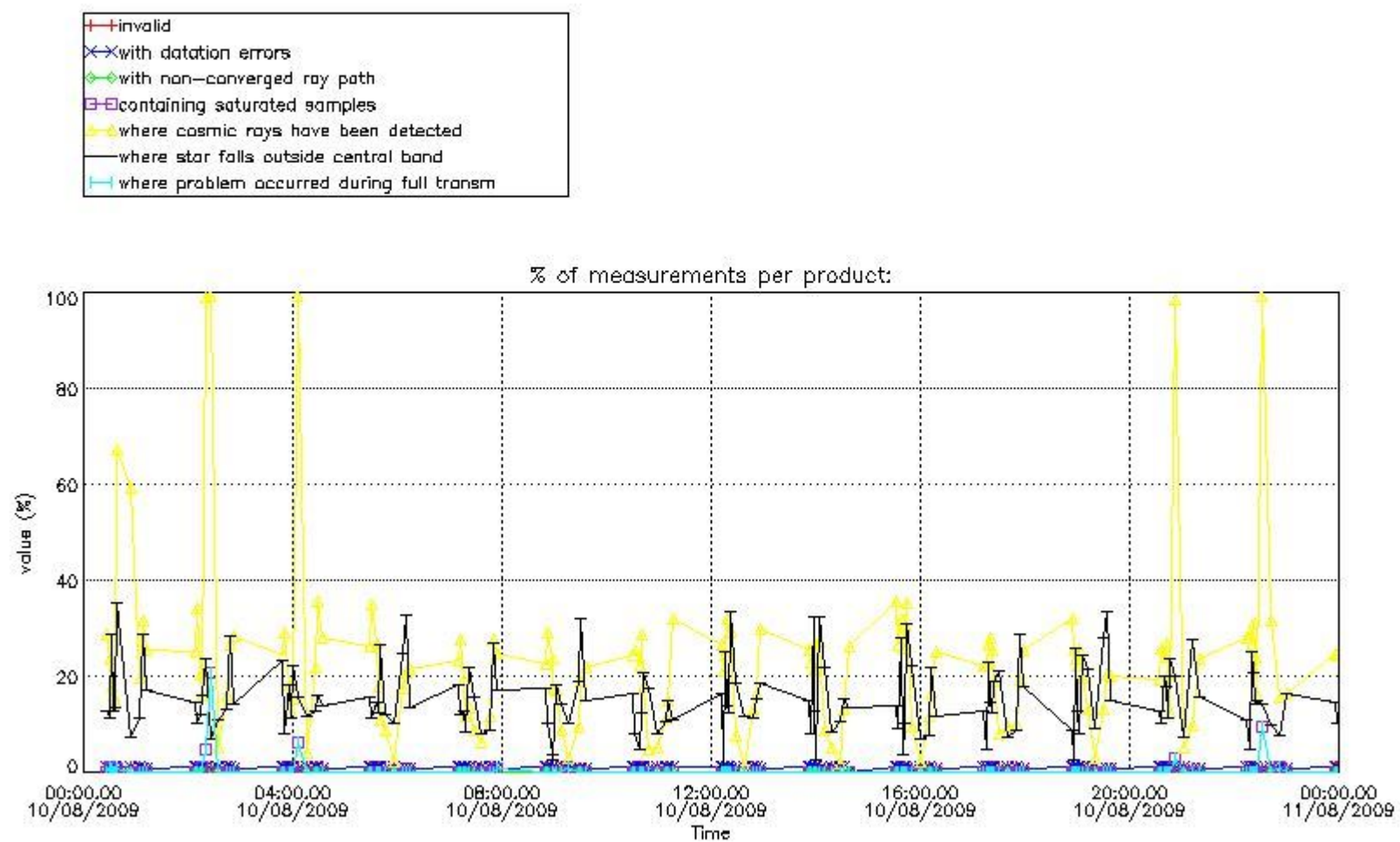


4. Level 1 quality information per product

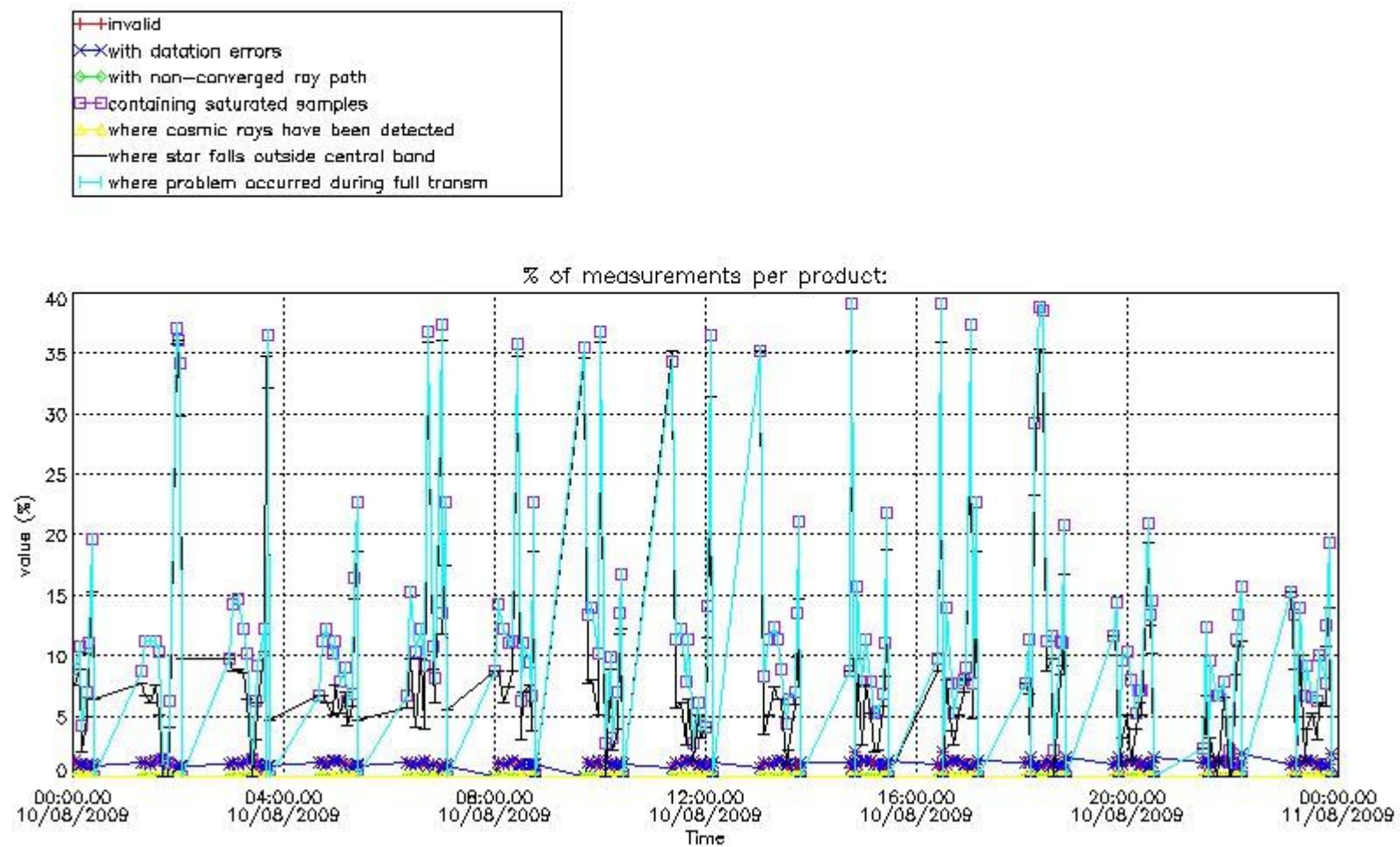
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



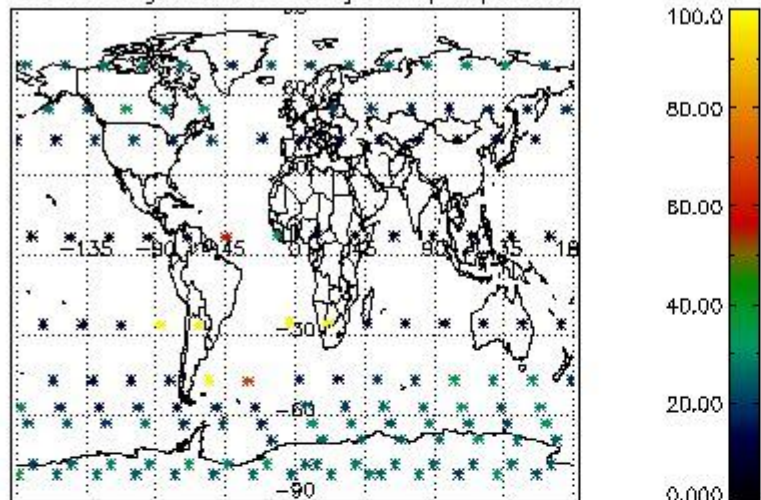
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



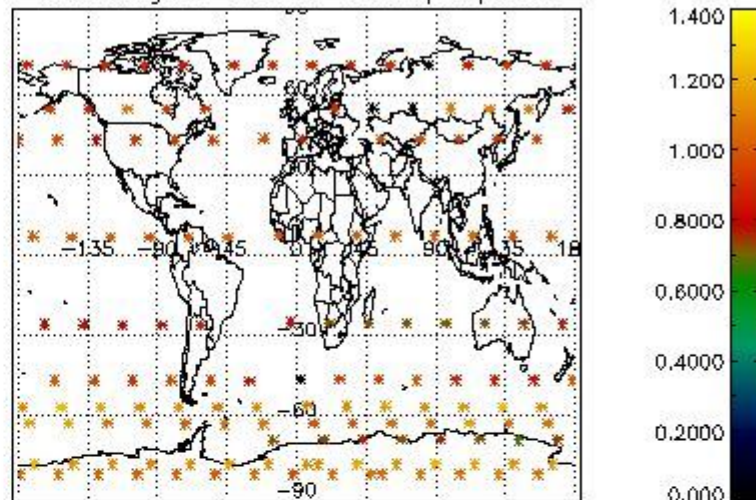
4.2 Plot quality information per product coming from level 1b processing (world map)

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

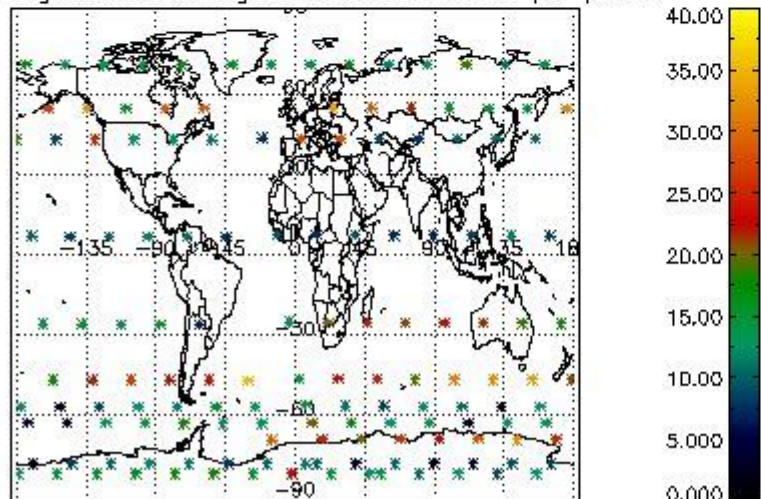
Percentage of cosmic ray hits per profile



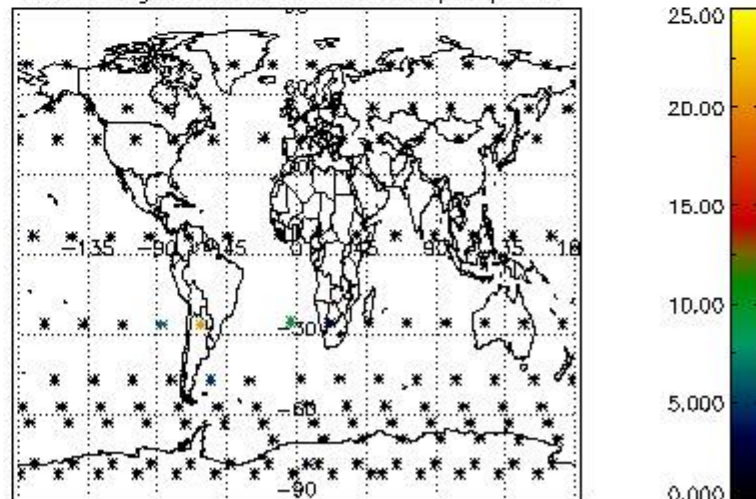
Percentage of datation errors per profile



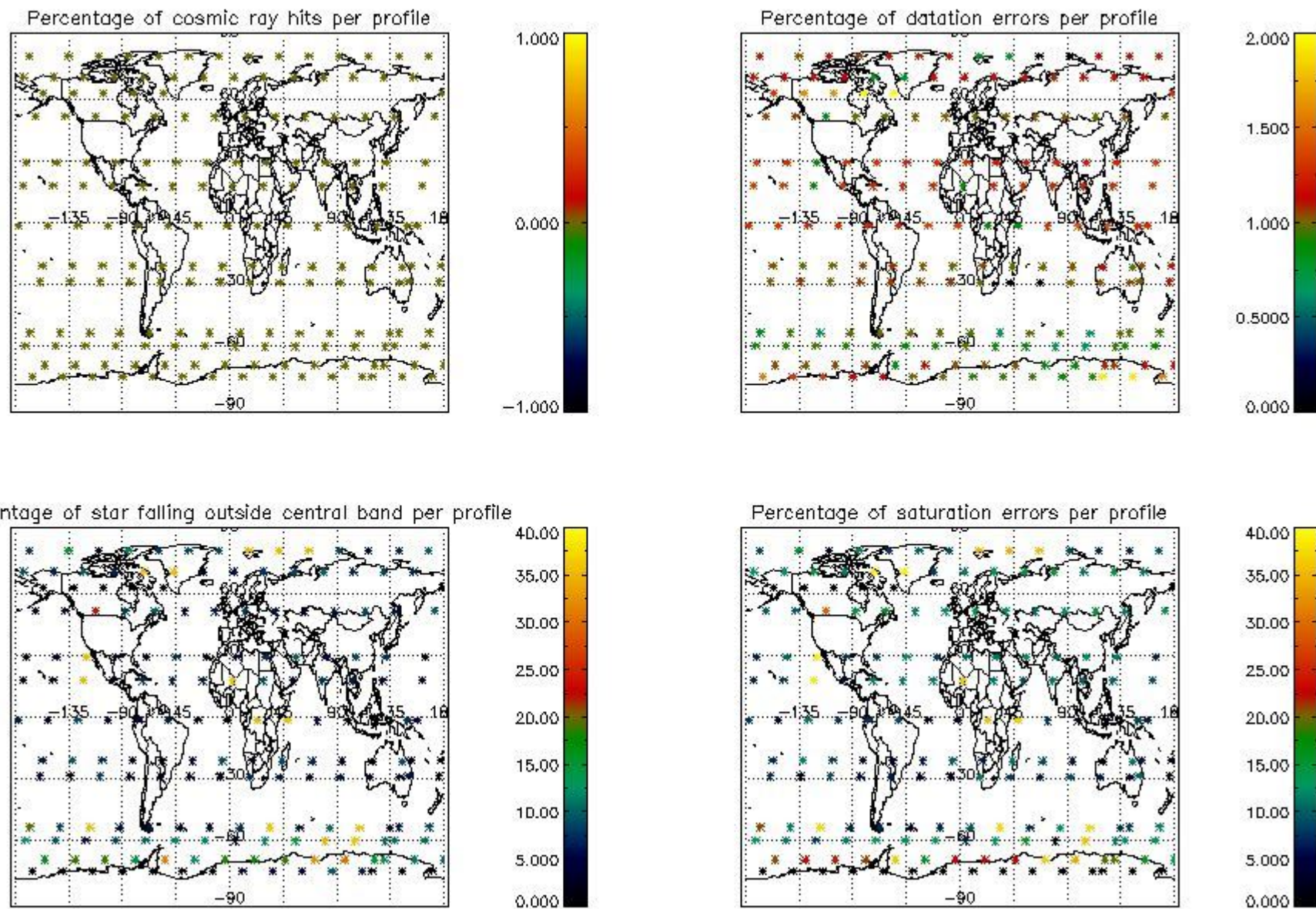
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

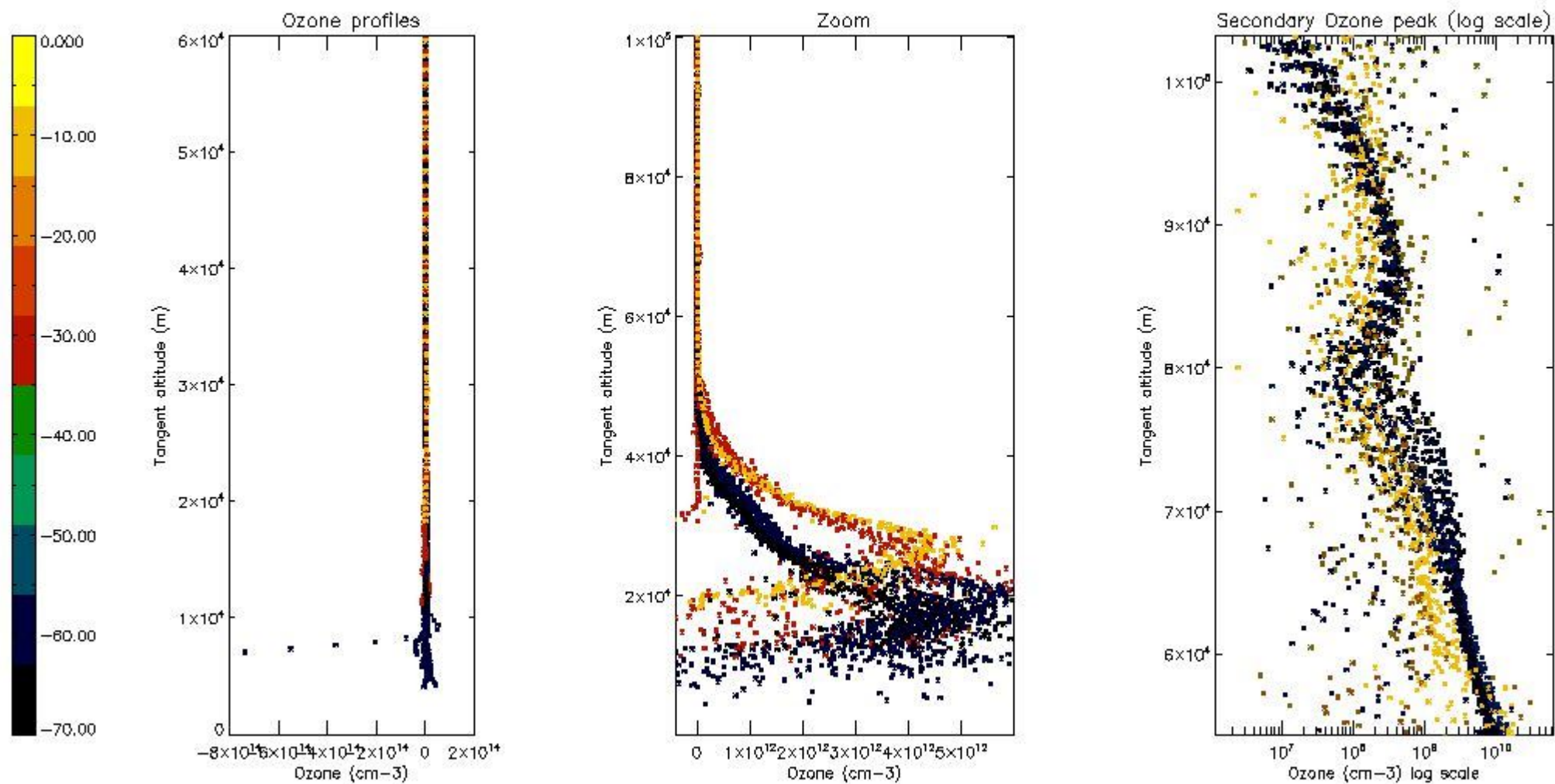
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	13

STD < 10	10
STD < 5	7

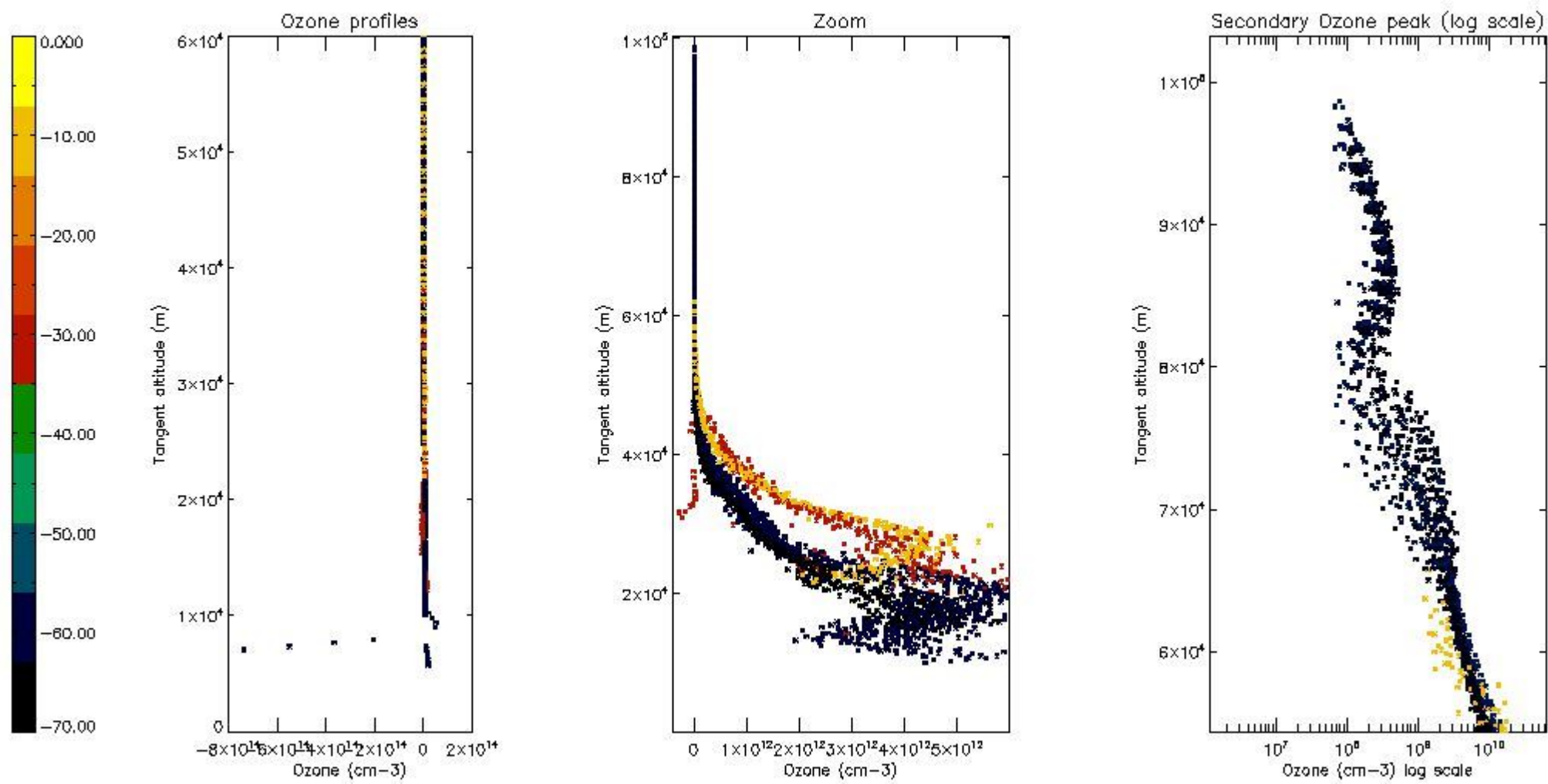
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



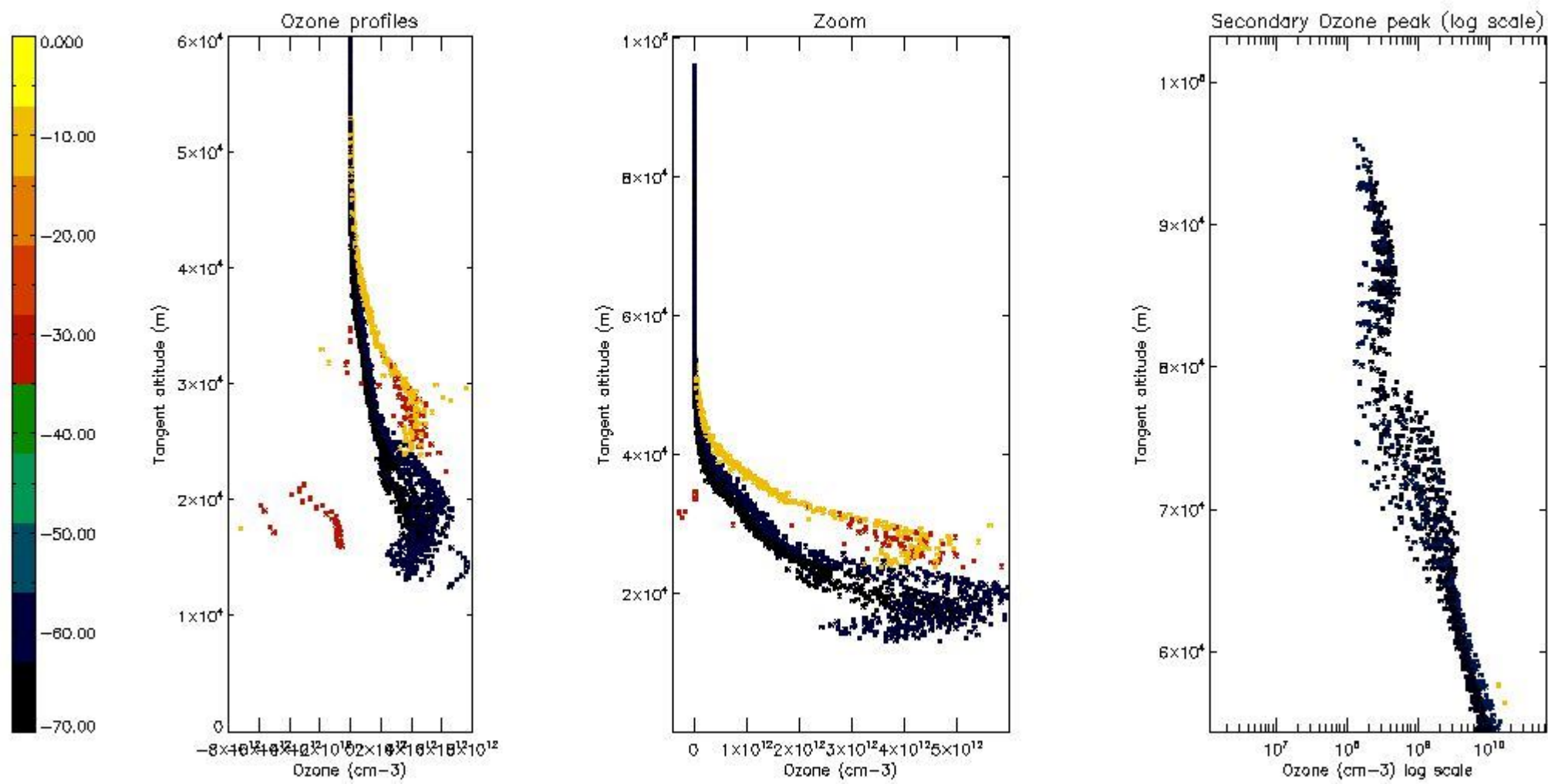
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



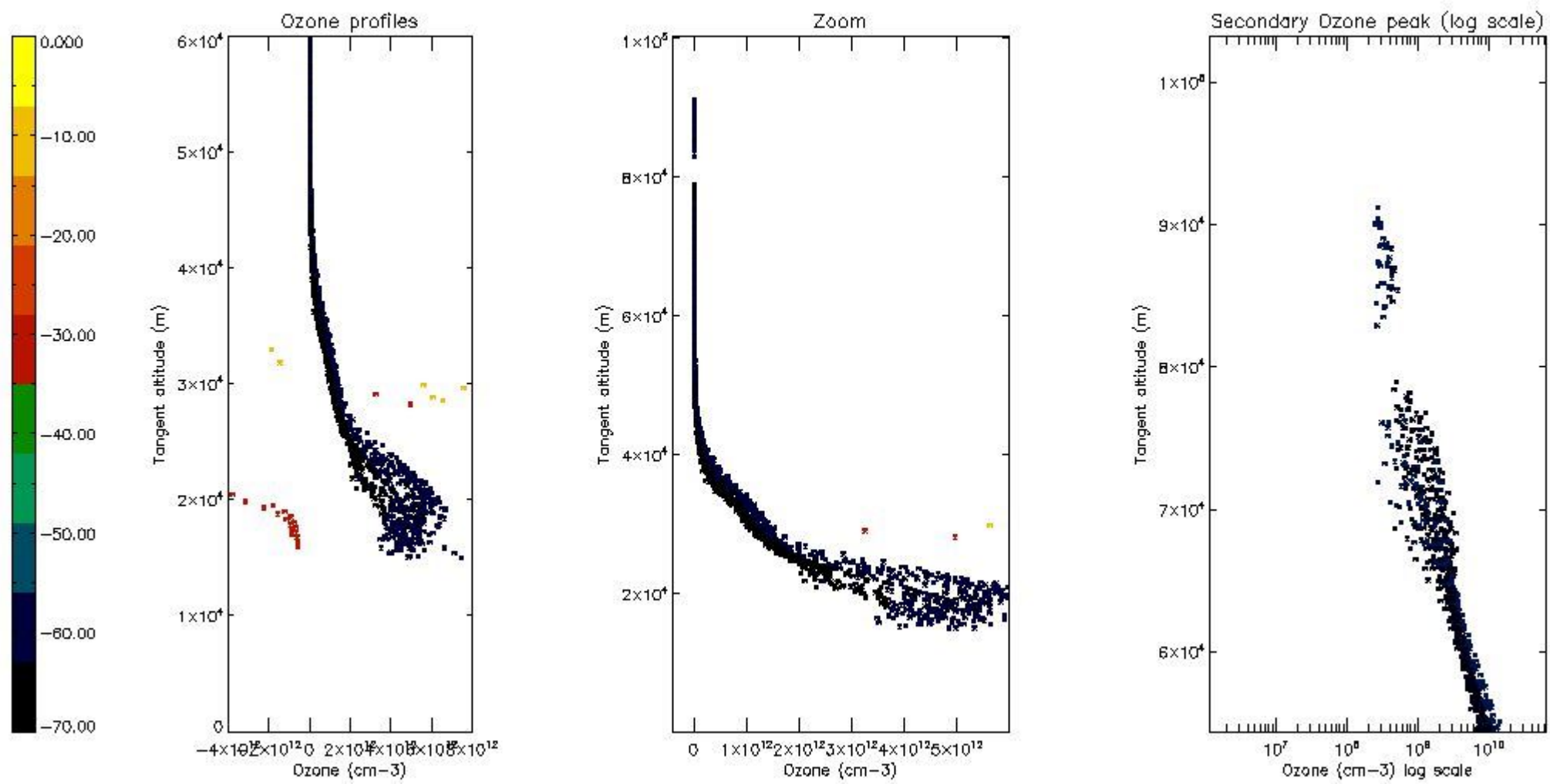
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



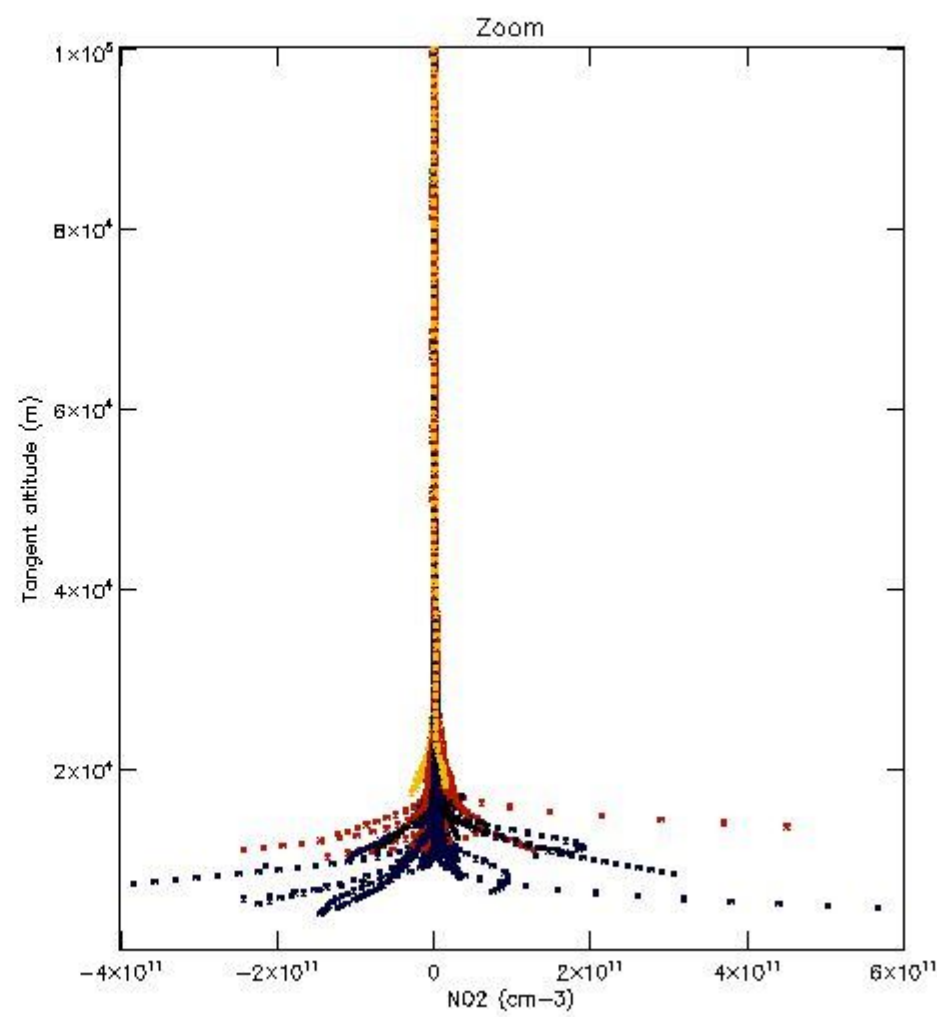
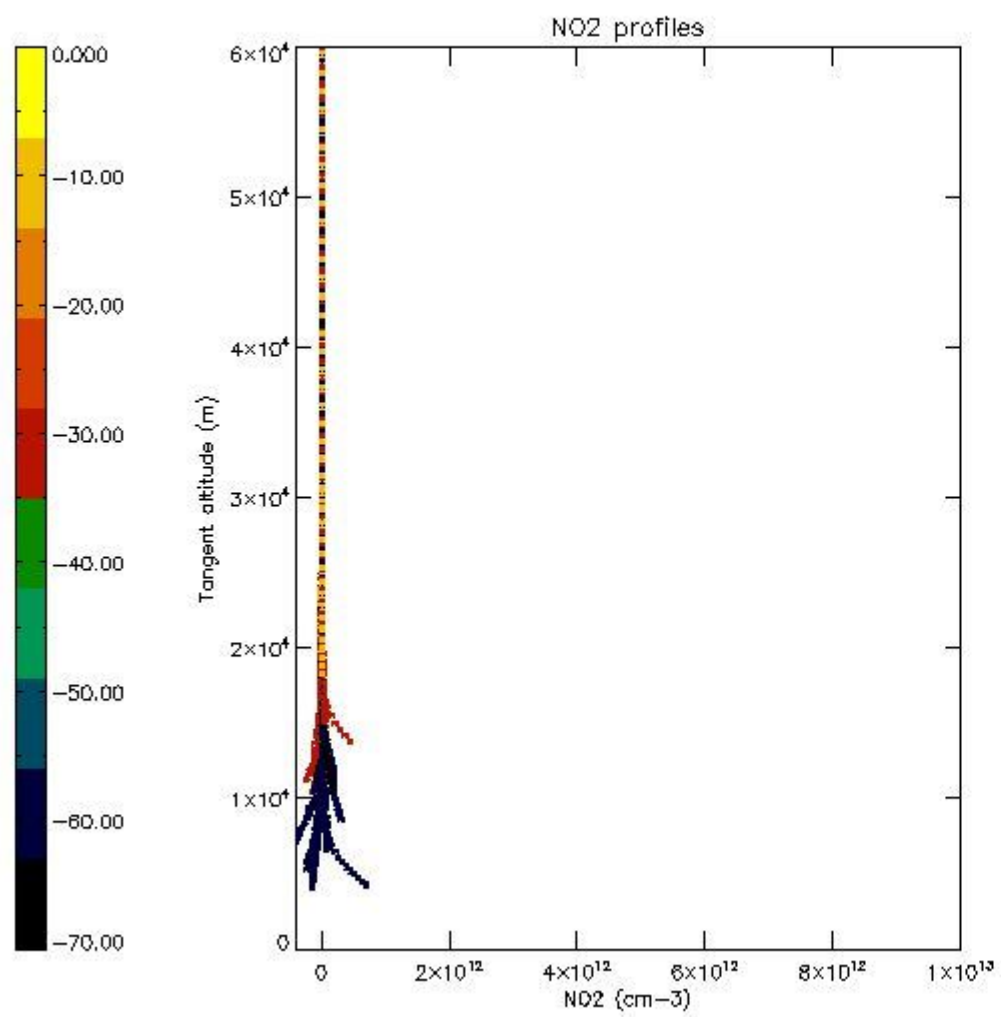
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



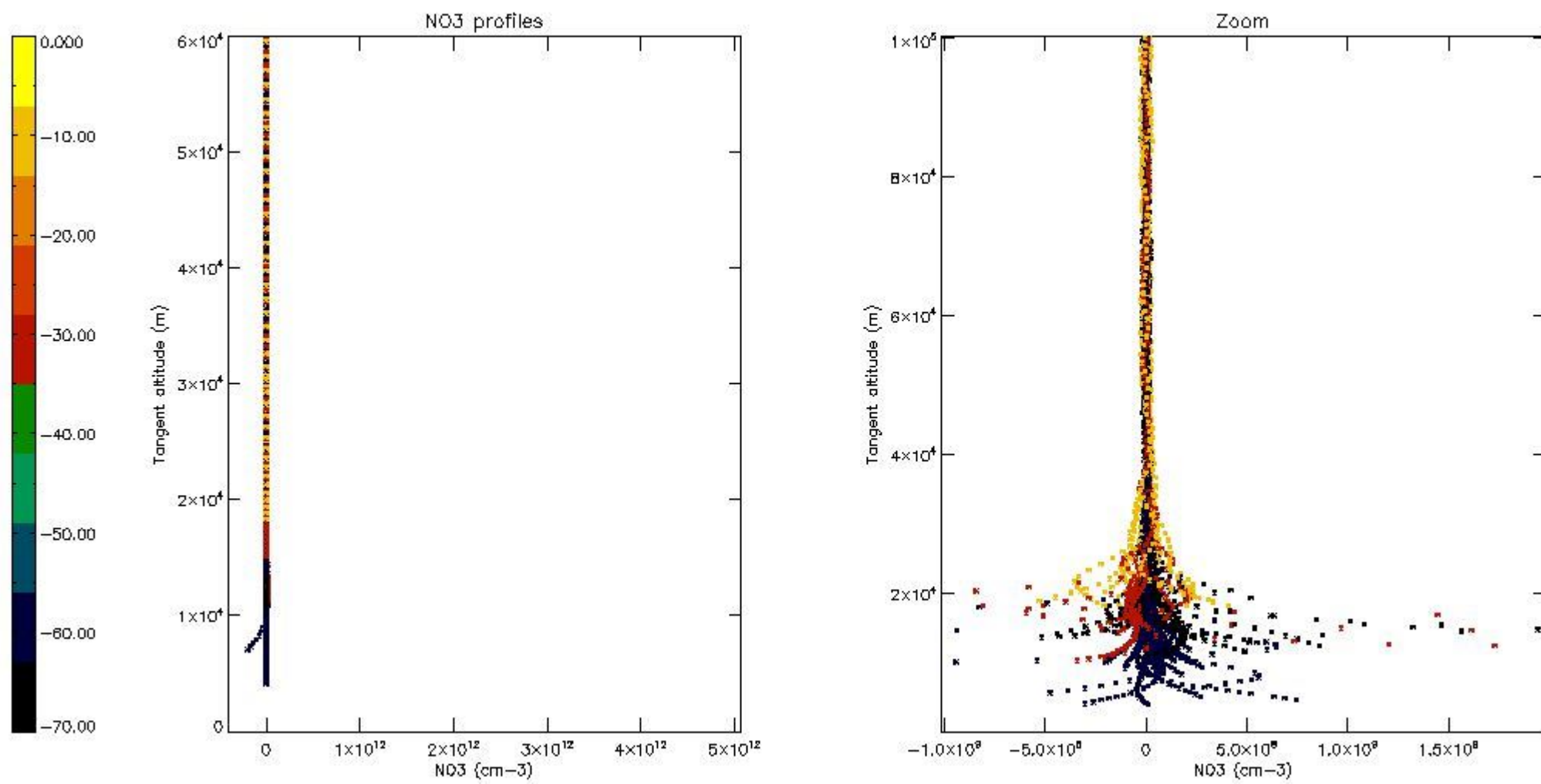
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



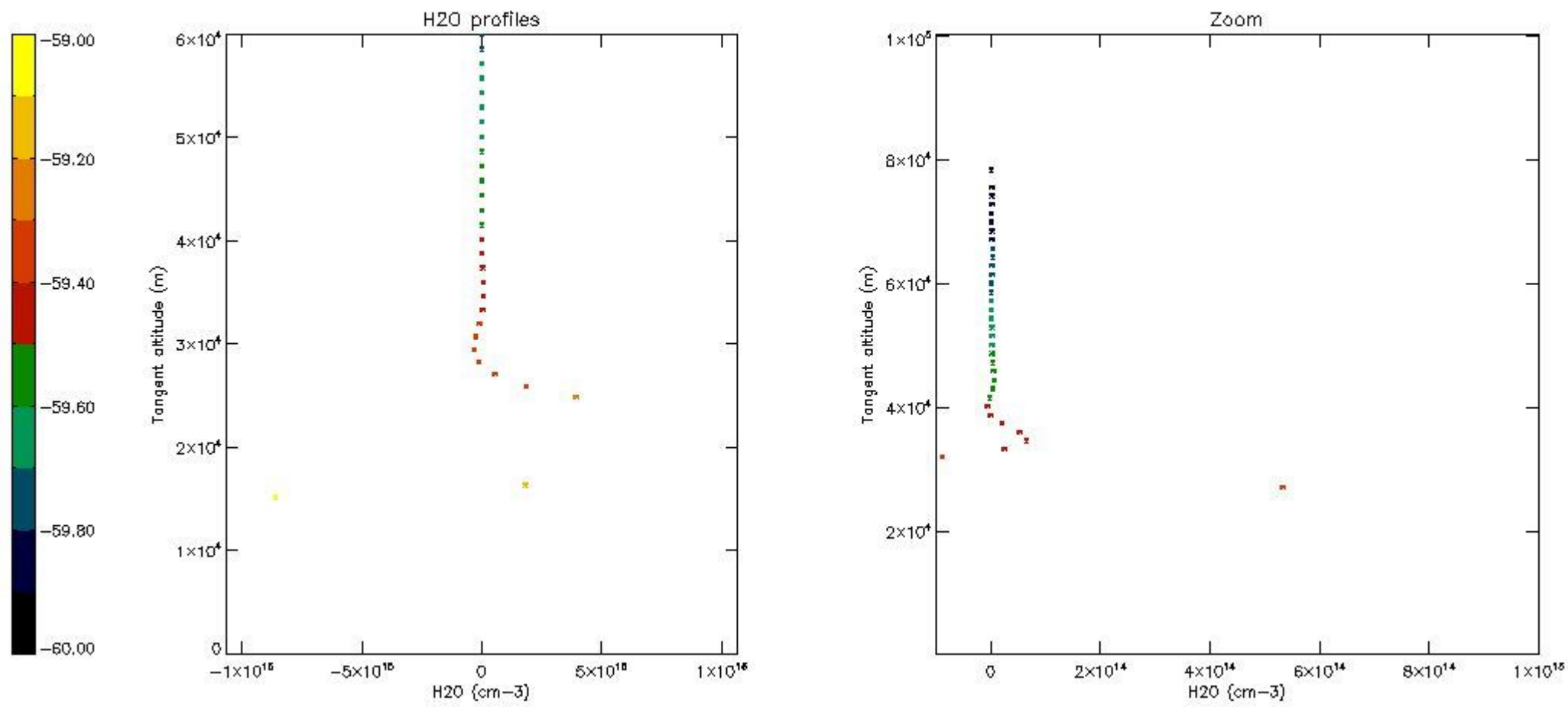
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-AUG-2009 00:02:03
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-AUG-2009 00:02:03
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-AUG-2009 00:02:03

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

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

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

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

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

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

[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	26APR2013 11:39:10
Data source version	GOMOS/6.01
Start time of products	10-08-2009 (10AUG2009 00:00:00)
Stop time of products	11-08-2009 (11AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	328
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__2PRFIN20090810_000203_000000402081_00288_38919_7062.N1	10-AUG-2009 00:02:03	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38919	No
2	GOM_NL__2PRFIN20090810_000736_000000512081_00288_38919_7063.N1	10-AUG-2009 00:07:36	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38919	No
3	GOM_NL__2PRFIN20090810_000946_000000482081_00288_38919_7064.N1	10-AUG-2009 00:09:46	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38919	No
4	GOM_NL__2PRFIN20090810_001645_000000502081_00288_38919_7065.N1	10-AUG-2009 00:16:45	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38919	No
5	GOM_NL__2PRFIN20090810_001836_000000542081_00288_38919_7066.N1	10-AUG-2009 00:18:36	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38919	No
6	GOM_NL__2PRFIN20090810_002120_000000462081_00288_38919_7067.N1	10-AUG-2009 00:21:20	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38919	No
7	GOM_NL__2PRFIN20090810_002307_000000552081_00288_38919_7068.N1	10-AUG-2009 00:23:07	Bright	54.500	149	45Eps Per	2.8880	30000.	109	38919	No
8	GOM_NL__2PRFIN20090810_002658_000000472081_00288_38919_7069.N1	10-AUG-2009 00:26:58	Twilight	47.000	28	12Bet Tau	1.6500	15200.	94	38919	No
9	GOM_NL__2PRFIN20090810_002911_000000452081_00288_38919_7070.N1	10-AUG-2009 00:29:11	Twilight	44.500	176	23Zet Tau	3.0200	22000.	89	38919	No
10	GOM_NL__2PRFIN20090810_003210_000000702081_00288_38919_7071.N1	10-AUG-2009 00:32:10	Dark	69.500	13	87Alp Tau	0.86700	3800.0	139	38919	No
11	GOM_NL__2PRFIN20090810_003402_000000472081_00288_38919_7072.N1	10-AUG-2009 00:34:02	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38919	No
12	GOM_NL__2PRFIN20090810_003549_000000452081_00288_38919_7073.N1	10-AUG-2009 00:35:49	Dark	44.500	72	34Del Ori	2.2500	30000.	89	38919	No
13	GOM_NL__2PRFIN20090810_003842_000000612081_00288_38919_7074.N1	10-AUG-2009 00:38:42	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	38919	No
14	GOM_NL__2PRFIN20090810_005347_000000492081_00289_38920_7098.N1	10-AUG-2009 00:53:47	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38920	No
15	GOM_NL__2PRFIN20090810_010400_000000542081_00289_38920_7099.N1	10-AUG-2009 01:04:00	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38920	No
16	GOM_NL__2PRFIN20090810_010719_000000562081_00289_38920_7100.N1	10-AUG-2009 01:07:19	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	38920	No
17	GOM_NL__2PRFIN20090810_011208_000000592081_00289_38920_7101.N1	10-AUG-2009 01:12:08	Twilight	59.000	18	24Alp PsA	1.1660	9700.0	118	38920	No
18	GOM_NL__2PRFIN20090810_011820_000000462081_00289_38920_7102.N1	10-AUG-2009 01:18:20	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	38920	No
19	GOM_NL__2PRFIN20090810_012201_000000452081_00289_38920_7103.N1	10-AUG-2009 01:22:01	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	38920	No
20	GOM_NL__2PRFIN20090810_012745_000000492081_00289_38920_7104.N1	10-AUG-2009 01:27:45	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38920	No
21	GOM_NL__2PRFIN20090810_013402_000000402081_00289_38920_7105.N1	10-AUG-2009 01:34:02	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38920	No
22	GOM_NL__2PRFIN20090810_013714_000000392081_00289_38920_7106.N1	10-AUG-2009 01:37:14	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38920	No
23	GOM_NL__2PRFIN20090810_014239_000000362081_00289_38920_7107.N1	10-AUG-2009 01:42:39	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	38920	No
24	GOM_NL__2PRFIN20090810_014811_000000452081_00289_38920_7108.N1	10-AUG-2009 01:48:11	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	38920	No
25	GOM_NL__2PRFIN20090810_015021_000000492081_00289_38920_7109.N1	10-AUG-2009 01:50:21	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38920	No
26	GOM_NL__2PRFIN20090810_015721_000000742081_00289_38920_7110.N1	10-AUG-2009 01:57:21	Bright	74.000	160	23Gam Per	2.9300	4700.0	148	38920	No
27	GOM_NL__2PRFIN20090810_015912_000000752081_00289_38920_7111.N1	10-AUG-2009 01:59:12	Bright	75.000	35	33Alp Per	1.7950	6250.0	150	38920	No
28	GOM_NL__2PRFIN20090810_020156_000000572081_00289_38920_7112.N1	10-AUG-2009 02:01:56	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	38920	No
29	GOM_NL__2PRFIN20090810_020343_000000572081_00289_38920_7113.N1	10-AUG-2009 02:03:43	Bright	56.500	149	45Eps Per	2.8880	30000.	113	38920	No
30	GOM_NL__2PRFIN20090810_020734_000000482081_00289_38920_7114.N1	10-AUG-2009 02:07:34	Twilight	48.000	28	12Bet Tau	1.6500	15200.	96	38920	No
31	GOM_NL__2PRFIN20090810_020947_000000442081_00289_38920_7115.N1	10-AUG-2009 02:09:47	Twilight	44.000	176	23Zet Tau	3.0200	22000.	88	38920	No
32	GOM_NL__2PRFIN20090810_021438_000000472081_00289_38920_7116.N1	10-AUG-2009 02:14:38	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38920	No
33	GOM_NL__2PRFIN20090810_021626_000000472081_00289_38920_7117.N1	10-AUG-2009 02:16:26	Dark	46.500	72	34Del Ori	2.2500	30000.	93	38920	No
34	GOM_NL__2PRFIN20090810_021919_000000532081_00289_38920_7118.N1	10-AUG-2009 02:19:19	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	38920	No
35	GOM_NL__2PRFIN20090810_022511_000000582081_00289_38920_7119.N1	10-AUG-2009 02:25:11	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	38920	No
36	GOM_NL__2PRFIN20090810_023424_000000502081_00290_38921_7112.N1	10-AUG-2009 02:34:24	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38921	No
37	GOM_NL__2PRFIN20090810_024437_000000542081_00290_38921_7113.N1	10-AUG-2009 02:44:37	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38921	No
38	GOM_NL__2PRFIN20090810_024756_000000552081_00290_38921_7114.N1	10-AUG-2009 02:47:56	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	38921	No
39	GOM_NL__2PRFIN20090810_025245_000000572081_00290_38921_7115.N1	10-AUG-2009 02:52:45	Twilight	56.500	18	24Alp PsA	1.1660	9700.0	113	38921	No
40	GOM_NL__2PRFIN20090810_025855_000000462081_00290_38921_7116.N1	10-AUG-2009 02:58:55	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	38921	No
41	GOM_NL__2PRFIN20090810_030238_000000462081_00290_38921_7117.N1	10-AUG-2009 03:02:38	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38921	No
42	GOM_NL__2PRFIN20090810_030820_000000512081_00290_38921_7118.N1	10-AUG-2009 03:08:20	Bright	51.000	61	8Eps Peg	2.1000	3900.0	102	38921	No

43	GOM_NL__2PRFIN20090810_031438_000000412081_00290_38921_7119.N1	10-AUG-2009 03:14:38	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38921	No
44	GOM_NL__2PRFIN20090810_031749_000000402081_00290_38921_7120.N1	10-AUG-2009 03:17:49	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38921	No
45	GOM_NL__2PRFIN20090810_032314_000000362081_00290_38921_7121.N1	10-AUG-2009 03:23:14	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	38921	No
46	GOM_NL__2PRFIN20090810_032847_000000482081_00290_38921_7122.N1	10-AUG-2009 03:28:47	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38921	No
47	GOM_NL__2PRFIN20090810_033056_000000502081_00290_38921_7123.N1	10-AUG-2009 03:30:56	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38921	No
48	GOM_NL__2PRFIN20090810_033756_000000532081_00290_38921_7124.N1	10-AUG-2009 03:37:56	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	38921	No
49	GOM_NL__2PRFIN20090810_033948_000000742081_00290_38921_7125.N1	10-AUG-2009 03:39:48	Bright	73.500	35	33Alp Per	1.7950	6250.0	147	38921	No
50	GOM_NL__2PRFIN20090810_034232_000000592081_00290_38921_7126.N1	10-AUG-2009 03:42:32	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	38921	No
51	GOM_NL__2PRFIN20090810_034419_000000532081_00290_38921_7127.N1	10-AUG-2009 03:44:19	Bright	53.000	149	45Eps Per	2.8880	30000.	106	38921	No
52	GOM_NL__2PRFIN20090810_034810_000000522081_00290_38921_7128.N1	10-AUG-2009 03:48:10	Twilight	51.500	28	12Bet Tau	1.6500	15200.	103	38921	No
53	GOM_NL__2PRFIN20090810_035023_000000432081_00290_38921_7129.N1	10-AUG-2009 03:50:23	Twilight	43.000	176	23Zet Tau	3.0200	22000.	86	38921	No
54	GOM_NL__2PRFIN20090810_035515_000000502081_00290_38921_7130.N1	10-AUG-2009 03:55:15	Dark	49.500	27	24Gam Ori	1.6360	26000.	99	38921	No
55	GOM_NL__2PRFIN20090810_035702_000000442081_00290_38921_7131.N1	10-AUG-2009 03:57:02	Dark	44.000	72	34Del Ori	2.2500	30000.	88	38921	No
56	GOM_NL__2PRFIN20090810_035955_000000522081_00290_38921_7132.N1	10-AUG-2009 03:59:55	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	38921	No
57	GOM_NL__2PRFIN20090810_040549_000000642081_00290_38921_7133.N1	10-AUG-2009 04:05:49	Dark	64.000	165	34Gam Eri	2.9500	3200.0	128	38921	No
58	GOM_NL__2PRFIN20090810_041501_000000512081_00291_38922_7124.N1	10-AUG-2009 04:15:01	Dark	51.000	157	The1Eri	2.9060	9300.0	102	38922	No
59	GOM_NL__2PRFIN20090810_042514_000000552081_00291_38922_7125.N1	10-AUG-2009 04:25:14	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38922	No
60	GOM_NL__2PRFIN20090810_042833_000000472081_00291_38922_7126.N1	10-AUG-2009 04:28:33	Straylight	46.500	63	Bet Gru	2.1500	2800.0	93	38922	No
61	GOM_NL__2PRFIN20090810_043321_000000582081_00291_38922_7127.N1	10-AUG-2009 04:33:21	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	38922	No
62	GOM_NL__2PRFIN20090810_043931_000000452081_00291_38922_7128.N1	10-AUG-2009 04:39:31	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	38922	No
63	GOM_NL__2PRFIN20090810_044313_000000452081_00291_38922_7129.N1	10-AUG-2009 04:43:13	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	38922	No
64	GOM_NL__2PRFIN20090810_044856_000000492081_00291_38922_7130.N1	10-AUG-2009 04:48:56	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38922	No
65	GOM_NL__2PRFIN20090810_045513_000000402081_00291_38922_7131.N1	10-AUG-2009 04:55:13	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38922	No
66	GOM_NL__2PRFIN20090810_045825_000000402081_00291_38922_7132.N1	10-AUG-2009 04:58:25	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38922	No
67	GOM_NL__2PRFIN20090810_050350_000000392081_00291_38922_7133.N1	10-AUG-2009 05:03:50	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38922	No
68	GOM_NL__2PRFIN20090810_050922_000000502081_00291_38922_7134.N1	10-AUG-2009 05:09:22	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38922	No
69	GOM_NL__2PRFIN20090810_051131_000000482081_00291_38922_7135.N1	10-AUG-2009 05:11:31	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38922	No
70	GOM_NL__2PRFIN20090810_051832_000000512081_00291_38922_7136.N1	10-AUG-2009 05:18:32	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	38922	No
71	GOM_NL__2PRFIN20090810_052023_000000582081_00291_38922_7137.N1	10-AUG-2009 05:20:23	Bright	58.000	35	33Alp Per	1.7950	6250.0	116	38922	No
72	GOM_NL__2PRFIN20090810_052308_000000492081_00291_38922_7138.N1	10-AUG-2009 05:23:08	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38922	No
73	GOM_NL__2PRFIN20090810_052455_000000542081_00291_38922_7139.N1	10-AUG-2009 05:24:55	Bright	53.500	149	45Eps Per	2.8880	30000.	107	38922	No
74	GOM_NL__2PRFIN20090810_052846_000000482081_00291_38922_7140.N1	10-AUG-2009 05:28:46	Twilight	48.000	28	12Bet Tau	1.6500	15200.	96	38922	No
75	GOM_NL__2PRFIN20090810_053059_000000452081_00291_38922_7141.N1	10-AUG-2009 05:30:59	Twilight	44.500	176	23Zet Tau	3.0200	22000.	89	38922	No
76	GOM_NL__2PRFIN20090810_053551_000000482081_00291_38922_7142.N1	10-AUG-2009 05:35:51	Dark	48.000	27	24Gam Ori	1.6360	26000.	96	38922	No
77	GOM_NL__2PRFIN20090810_053738_000000452081_00291_38922_7143.N1	10-AUG-2009 05:37:38	Dark	44.500	72	34Del Ori	2.2500	30000.	89	38922	No
78	GOM_NL__2PRFIN20090810_054032_000000552081_00291_38922_7144.N1	10-AUG-2009 05:40:32	Dark	55.000	7	19Bet Ori	0.10000	14000.	110	38922	No
79	GOM_NL__2PRFIN20090810_054626_000000622081_00291_38922_7145.N1	10-AUG-2009 05:46:26	Dark	62.000	165	34Gam Eri	2.9500	3200.0	124	38922	No
80	GOM_NL__2PRFIN20090810_055538_000000502081_00292_38923_7141.N1	10-AUG-2009 05:55:38	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38923	No
81	GOM_NL__2PRFIN20090810_060551_000000632081_00292_38923_7142.N1	10-AUG-2009 06:05:51	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	38923	No
82	GOM_NL__2PRFIN20090810_060909_000000582081_00292_38923_7143.N1	10-AUG-2009 06:09:09	Straylight	58.000	63	Bet Gru	2.1500	2800.0	116	38923	No
83	GOM_NL__2PRFIN20090810_061357_000000562081_00292_38923_7144.N1	10-AUG-2009 06:13:57	Twilight	56.000	18	24Alp PsA	1.1660	9700.0	112	38923	No
84	GOM_NL__2PRFIN20090810_062008_000000452081_00292_38923_7145.N1	10-AUG-2009 06:20:08	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38923	No
85	GOM_NL__2PRFIN20090810_062349_000000462081_00292_38923_7146.N1	10-AUG-2009 06:23:49	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	38923	No
86	GOM_NL__2PRFIN20090810_062931_000000492081_00292_38923_7147.N1	10-AUG-2009 06:29:31	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	38923	No
87	GOM_NL__2PRFIN20090810_063549_000000412081_00292_38923_7148.N1	10-AUG-2009 06:35:49	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38923	No
88	GOM_NL__2PRFIN20090810_063900_000000392081_00292_38923_7149.N1	10-AUG-2009 06:39:00	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	38923	No
89	GOM_NL__2PRFIN20090810_064426_000000572081_00292_38923_7150.N1	10-AUG-2009 06:44:26	Bright	57.000	89	5Alp Cep	2.4510	8000.0	114	38923	No
90	GOM_NL__2PRFIN20090810_064957_000000512081_00292_38923_7151.N1	10-AUG-2009 06:49:57	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38923	No
91	GOM_NL__2PRFIN20090810_065207_000000492081_00292_38923_7152.N1	10-AUG-2009 06:52:07	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38923	No
92	GOM_NL__2PRFIN20090810_065907_000000752081_00292_38923_7153.N1	10-AUG-2009 06:59:07	Bright	75.000	160	23Gam Per	2.9300	4700.0	150	38923	No
93	GOM_NL__2PRFIN20090810_070059_000000562081_00292_38923_7154.N1	10-AUG-2009 07:00:59	Bright	55.500	35	33Alp Per	1.7950	6250.0	111	38923	No
94	GOM_NL__2PRFIN20090810_070344_000000492081_00292_38923_7155.N1	10-AUG-2009 07:03:44	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38923	No
95	GOM_NL__2PRFIN20090810_070531_000000542081_00292_38923_7156.N1	10-AUG-2009 07:05:31	Bright	54.000	149	45Eps Per	2.8880	30000.	108	38923	No
96	GOM_NL__2PRFIN20090810_070922_000000502081_00292_38923_7157.N1	10-AUG-2009 07:09:22	Twilight	49.500	28	12Bet Tau	1.6500	15200.	99	38923	No
97	GOM_NL__2PRFIN20090810_071136_000000462081_00292_38923_7158.N1	10-AUG-2009 07:11:36	Twilight	45.500	176	23Zet Tau	3.0200	22000.	91	38923	No
98	GOM_NL__2PRFIN20090810_071628_000000472081_00292_38923_7159.N1	10-AUG-2009 07:16:28	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	38923	No
99	GOM_NL__2PRFIN20090810_071815_000000432081_00292_38923_7160.N1	10-AUG-2009 07:18:15	Dark	42.500	72	34Del Ori	2.2500	30000.	85	38923	No
100	GOM_NL__2PRFIN20090810_072108_000000532081_00292_38923_7161.N1	10-AUG-2009 07:21:08	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	38923	No
101	GOM_NL__2PRFIN20090810_072703_000000642081_00292_38923_7162.N1	10-AUG-2009 07:27:03	Dark	64.000	165	34Gam Eri	2.9500	3200.0	128	38923	No

102	GOM_NL__2PRFIN20090810_073615_000000502081_00293_38924_7155.N1	10-AUG-2009 07:36:15	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38924	No
103	GOM_NL__2PRFIN20090810_074628_000000522081_00293_38924_7156.N1	10-AUG-2009 07:46:28	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	38924	No
104	GOM_NL__2PRFIN20090810_074945_000000542081_00293_38924_7157.N1	10-AUG-2009 07:49:45	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38924	No
105	GOM_NL__2PRFIN20090810_075434_000000592081_00293_38924_7158.N1	10-AUG-2009 07:54:34	Tw_i_and_stray	58.500	18	24Alp PsA	1.1660	9700.0	117	38924	No
106	GOM_NL__2PRFIN20090810_080044_000000462081_00293_38924_7159.N1	10-AUG-2009 08:00:44	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	38924	No
107	GOM_NL__2PRFIN20090810_080425_000000462081_00293_38924_7160.N1	10-AUG-2009 08:04:25	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38924	No
108	GOM_NL__2PRFIN20090810_081007_000000492081_00293_38924_7161.N1	10-AUG-2009 08:10:07	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38924	No
109	GOM_NL__2PRFIN20090810_081625_000000412081_00293_38924_7162.N1	10-AUG-2009 08:16:25	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38924	No
110	GOM_NL__2PRFIN20090810_081936_000000402081_00293_38924_7163.N1	10-AUG-2009 08:19:36	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38924	No
111	GOM_NL__2PRFIN20090810_082501_000000562081_00293_38924_7164.N1	10-AUG-2009 08:25:01	Bright	56.000	89	5Alp Cep	2.4510	8000.0	112	38924	No
112	GOM_NL__2PRFIN20090810_083032_000000482081_00293_38924_7165.N1	10-AUG-2009 08:30:32	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38924	No
113	GOM_NL__2PRFIN20090810_083242_000000502081_00293_38924_7166.N1	10-AUG-2009 08:32:42	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38924	No
114	GOM_NL__2PRFIN20090810_083943_000000532081_00293_38924_7167.N1	10-AUG-2009 08:39:43	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	38924	No
115	GOM_NL__2PRFIN20090810_084134_000000522081_00293_38924_7168.N1	10-AUG-2009 08:41:34	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38924	No
116	GOM_NL__2PRFIN20090810_084420_000000492081_00293_38924_7169.N1	10-AUG-2009 08:44:20	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38924	No
117	GOM_NL__2PRFIN20090810_084606_000000502081_00293_38924_7170.N1	10-AUG-2009 08:46:06	Bright	50.000	149	45Eps Per	2.8880	30000.	100	38924	No
118	GOM_NL__2PRFIN20090810_084958_000000492081_00293_38924_7171.N1	10-AUG-2009 08:49:58	Tw_i_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	38924	No
119	GOM_NL__2PRFIN20090810_085212_000000452081_00293_38924_7172.N1	10-AUG-2009 08:52:12	Tw_i_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	38924	No
120	GOM_NL__2PRFIN20090810_085704_000000432081_00293_38924_7173.N1	10-AUG-2009 08:57:04	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	38924	No
121	GOM_NL__2PRFIN20090810_085851_000000412081_00293_38924_7174.N1	10-AUG-2009 08:58:51	Dark	40.500	72	34Del Ori	2.2500	30000.	81	38924	No
122	GOM_NL__2PRFIN20090810_090145_000000502081_00293_38924_7175.N1	10-AUG-2009 09:01:45	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	38924	No
123	GOM_NL__2PRFIN20090810_090741_000000642081_00293_38924_7176.N1	10-AUG-2009 09:07:41	Dark	63.500	165	34Gam Eri	2.9500	3200.0	127	38924	No
124	GOM_NL__2PRFIN20090810_091652_000000502081_00294_38925_7170.N1	10-AUG-2009 09:16:52	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38925	No
125	GOM_NL__2PRFIN20090810_092704_000000592081_00294_38925_7171.N1	10-AUG-2009 09:27:04	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	38925	No
126	GOM_NL__2PRFIN20090810_093022_000000582081_00294_38925_7172.N1	10-AUG-2009 09:30:22	Straylight	58.000	63	Bet Gru	2.1500	2800.0	116	38925	No
127	GOM_NL__2PRFIN20090810_093510_000000572081_00294_38925_7173.N1	10-AUG-2009 09:35:10	Tw_i_and_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	38925	No
128	GOM_NL__2PRFIN20090810_094120_000000642081_00294_38925_7174.N1	10-AUG-2009 09:41:20	Bright	63.500	142	49Del Cap	2.8500	8900.0	127	38925	No
129	GOM_NL__2PRFIN20090810_094501_000000452081_00294_38925_7175.N1	10-AUG-2009 09:45:01	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	38925	No
130	GOM_NL__2PRFIN20090810_095042_000000502081_00294_38925_7176.N1	10-AUG-2009 09:50:42	Bright	50.000	61	8Eps Peg	2.1000	3900.0	100	38925	No
131	GOM_NL__2PRFIN20090810_095700_000000402081_00294_38925_7177.N1	10-AUG-2009 09:57:00	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38925	No
132	GOM_NL__2PRFIN20090810_100012_000000572081_00294_38925_7178.N1	10-AUG-2009 10:00:12	Bright	57.000	19	50Alp Cyg	1.2460	10500.	114	38925	No
133	GOM_NL__2PRFIN20090810_100537_000000372081_00294_38925_7179.N1	10-AUG-2009 10:05:37	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	38925	No
134	GOM_NL__2PRFIN20090810_101107_000000512081_00294_38925_7180.N1	10-AUG-2009 10:11:07	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38925	No
135	GOM_NL__2PRFIN20090810_101317_000000472081_00294_38925_7181.N1	10-AUG-2009 10:13:17	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38925	No
136	GOM_NL__2PRFIN20090810_102018_000000512081_00294_38925_7182.N1	10-AUG-2009 10:20:18	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	38925	No
137	GOM_NL__2PRFIN20090810_102210_000000562081_00294_38925_7183.N1	10-AUG-2009 10:22:10	Bright	55.500	35	33Alp Per	1.7950	6250.0	111	38925	No
138	GOM_NL__2PRFIN20090810_102455_000000452081_00294_38925_7184.N1	10-AUG-2009 10:24:55	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	38925	No
139	GOM_NL__2PRFIN20090810_102642_000000502081_00294_38925_7185.N1	10-AUG-2009 10:26:42	Bright	50.000	149	45Eps Per	2.8880	30000.	100	38925	No
140	GOM_NL__2PRFIN20090810_103034_000000492081_00294_38925_7186.N1	10-AUG-2009 10:30:34	Tw_i_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	38925	No
141	GOM_NL__2PRFIN20090810_103248_000000442081_00294_38925_7187.N1	10-AUG-2009 10:32:48	Tw_i_and_stray	43.500	176	23Zet Tau	3.0200	22000.	87	38925	No
142	GOM_NL__2PRFIN20090810_103740_000000432081_00294_38925_7188.N1	10-AUG-2009 10:37:40	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	38925	No
143	GOM_NL__2PRFIN20090810_103928_000000452081_00294_38925_7189.N1	10-AUG-2009 10:39:28	Dark	45.000	72	34Del Ori	2.2500	30000.	90	38925	No
144	GOM_NL__2PRFIN20090810_104222_000000512081_00294_38925_7190.N1	10-AUG-2009 10:42:22	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	38925	No
145	GOM_NL__2PRFIN20090810_104818_000000662081_00294_38925_7191.N1	10-AUG-2009 10:48:18	Dark	65.500	165	34Gam Eri	2.9500	3200.0	131	38925	No
146	GOM_NL__2PRFIN20090810_105729_000000502081_00295_38926_7184.N1	10-AUG-2009 10:57:29	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38926	No
147	GOM_NL__2PRFIN20090810_110741_000000532081_00295_38926_7185.N1	10-AUG-2009 11:07:41	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38926	No
148	GOM_NL__2PRFIN20090810_111058_000000472081_00295_38926_7186.N1	10-AUG-2009 11:10:58	Straylight	46.500	63	Bet Gru	2.1500	2800.0	93	38926	No
149	GOM_NL__2PRFIN20090810_111547_000000552081_00295_38926_7187.N1	10-AUG-2009 11:15:47	Tw_i_and_stray	54.500	18	24Alp PsA	1.1660	9700.0	109	38926	No
150	GOM_NL__2PRFIN20090810_112156_000000642081_00295_38926_7188.N1	10-AUG-2009 11:21:56	Bright	64.000	142	49Del Cap	2.8500	8900.0	128	38926	No
151	GOM_NL__2PRFIN20090810_112537_000000442081_00295_38926_7189.N1	10-AUG-2009 11:25:37	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	38926	No
152	GOM_NL__2PRFIN20090810_113118_000000492081_00295_38926_7190.N1	10-AUG-2009 11:31:18	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38926	No
153	GOM_NL__2PRFIN20090810_113736_000000392081_00295_38926_7191.N1	10-AUG-2009 11:37:36	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38926	No
154	GOM_NL__2PRFIN20090810_114047_000000402081_00295_38926_7192.N1	10-AUG-2009 11:40:47	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38926	No
155	GOM_NL__2PRFIN20090810_114613_000000372081_00295_38926_7193.N1	10-AUG-2009 11:46:13	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	38926	No
156	GOM_NL__2PRFIN20090810_115142_000000492081_00295_38926_7194.N1	10-AUG-2009 11:51:42	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38926	No
157	GOM_NL__2PRFIN20090810_115352_000000482081_00295_38926_7195.N1	10-AUG-2009 11:53:52	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38926	No
158	GOM_NL__2PRFIN20090810_120053_000000502081_00295_38926_7196.N1	10-AUG-2009 12:00:53	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38926	No
159	GOM_NL__2PRFIN20090810_120245_000000572081_00295_38926_7197.N1	10-AUG-2009 12:02:45	Bright	56.500	35	33Alp Per	1.7950	6250.0	113	38926	No
160	GOM_NL__2PRFIN20090810_120531_000000592081_00295_38926_7198.N1	10-AUG-2009 12:05:31	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	38926	No

161	GOM_NL__2PRFIN20090810_120718_000000442081_00295_38926_7199.N1	10-AUG-2009 12:07:18	Bright	44.000	149	45Eps Per	2.8880	30000.	88	38926	No
162	GOM_NL__2PRFIN20090810_121110_000000492081_00295_38926_7200.N1	10-AUG-2009 12:11:10	Twilight	49.000	28	12Bet Tau	1.6500	15200.	98	38926	No
163	GOM_NL__2PRFIN20090810_121324_000000412081_00295_38926_7201.N1	10-AUG-2009 12:13:24	Twilight	40.500	176	23Zet Tau	3.0200	22000.	81	38926	No
164	GOM_NL__2PRFIN20090810_121625_000000682081_00295_38926_7202.N1	10-AUG-2009 12:16:25	Dark	67.500	13	87Alp Tau	0.86700	3800.0	135	38926	No
165	GOM_NL__2PRFIN20090810_121817_000000472081_00295_38926_7203.N1	10-AUG-2009 12:18:17	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	38926	No
166	GOM_NL__2PRFIN20090810_122004_000000452081_00295_38926_7204.N1	10-AUG-2009 12:20:04	Dark	44.500	72	34Del Ori	2.2500	30000.	89	38926	No
167	GOM_NL__2PRFIN20090810_122258_000000612081_00295_38926_7205.N1	10-AUG-2009 12:22:58	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	38926	No
168	GOM_NL__2PRFIN20090810_122855_000000672081_00295_38926_7206.N1	10-AUG-2009 12:28:55	Dark	67.000	165	34Gam Eri	2.9500	3200.0	134	38926	No
169	GOM_NL__2PRFIN20090810_123806_000000512081_00296_38927_7198.N1	10-AUG-2009 12:38:06	Dark	51.000	157	The1Eri	2.9060	9300.0	102	38927	No
170	GOM_NL__2PRFIN20090810_124818_000000542081_00296_38927_7199.N1	10-AUG-2009 12:48:18	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38927	No
171	GOM_NL__2PRFIN20090810_125135_000000462081_00296_38927_7200.N1	10-AUG-2009 12:51:35	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	38927	No
172	GOM_NL__2PRFIN20090810_125623_000000592081_00296_38927_7201.N1	10-AUG-2009 12:56:23	Twilight	59.000	18	24Alp PsA	1.1660	9700.0	118	38927	No
173	GOM_NL__2PRFIN20090810_130232_000000642081_00296_38927_7202.N1	10-AUG-2009 13:02:32	Bright	64.000	142	49Del Cap	2.8500	8900.0	128	38927	No
174	GOM_NL__2PRFIN20090810_130613_000000432081_00296_38927_7203.N1	10-AUG-2009 13:06:13	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	38927	No
175	GOM_NL__2PRFIN20090810_131153_000000492081_00296_38927_7204.N1	10-AUG-2009 13:11:53	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	38927	No
176	GOM_NL__2PRFIN20090810_131811_000000412081_00296_38927_7205.N1	10-AUG-2009 13:18:11	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38927	No
177	GOM_NL__2PRFIN20090810_132123_000000402081_00296_38927_7206.N1	10-AUG-2009 13:21:23	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38927	No
178	GOM_NL__2PRFIN20090810_132648_000000402081_00296_38927_7207.N1	10-AUG-2009 13:26:48	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38927	No
179	GOM_NL__2PRFIN20090810_133217_000000472081_00296_38927_7208.N1	10-AUG-2009 13:32:17	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	38927	No
180	GOM_NL__2PRFIN20090810_133427_000000472081_00296_38927_7209.N1	10-AUG-2009 13:34:27	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38927	No
181	GOM_NL__2PRFIN20090810_134129_000000512081_00296_38927_7210.N1	10-AUG-2009 13:41:29	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	38927	No
182	GOM_NL__2PRFIN20090810_134321_000000562081_00296_38927_7211.N1	10-AUG-2009 13:43:21	Bright	55.500	35	33Alp Per	1.7950	6250.0	111	38927	No
183	GOM_NL__2PRFIN20090810_134607_000000482081_00296_38927_7212.N1	10-AUG-2009 13:46:07	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	38927	No
184	GOM_NL__2PRFIN20090810_134754_000000442081_00296_38927_7213.N1	10-AUG-2009 13:47:54	Bright	44.000	149	45Eps Per	2.8880	30000.	88	38927	No
185	GOM_NL__2PRFIN20090810_135147_000000472081_00296_38927_7214.N1	10-AUG-2009 13:51:47	Twilight	47.000	28	12Bet Tau	1.6500	15200.	94	38927	No
186	GOM_NL__2PRFIN20090810_135400_000000442081_00296_38927_7215.N1	10-AUG-2009 13:54:00	Twilight	43.500	176	23Zet Tau	3.0200	22000.	87	38927	No
187	GOM_NL__2PRFIN20090810_135702_000000752081_00296_38927_7216.N1	10-AUG-2009 13:57:02	Dark	74.500	13	87Alp Tau	0.86700	3800.0	149	38927	No
188	GOM_NL__2PRFIN20090810_135853_000000472081_00296_38927_7217.N1	10-AUG-2009 13:58:53	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	38927	No
189	GOM_NL__2PRFIN20090810_140041_000000412081_00296_38927_7218.N1	10-AUG-2009 14:00:41	Dark	40.500	72	34Del Ori	2.2500	30000.	81	38927	No
190	GOM_NL__2PRFIN20090810_140334_000000592081_00296_38927_7219.N1	10-AUG-2009 14:03:34	Dark	59.000	7	19Bet Ori	0.10000	14000.	118	38927	No
191	GOM_NL__2PRFIN20090810_140932_000000692081_00296_38927_7220.N1	10-AUG-2009 14:09:32	Dark	69.000	165	34Gam Eri	2.9500	3200.0	138	38927	No
192	GOM_NL__2PRFIN20090810_141843_000000492081_00297_38928_7215.N1	10-AUG-2009 14:18:43	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38928	No
193	GOM_NL__2PRFIN20090810_142855_000000532081_00297_38928_7216.N1	10-AUG-2009 14:28:55	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38928	No
194	GOM_NL__2PRFIN20090810_143211_000000462081_00297_38928_7217.N1	10-AUG-2009 14:32:11	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	38928	No
195	GOM_NL__2PRFIN20090810_143700_000000562081_00297_38928_7218.N1	10-AUG-2009 14:37:00	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	38928	No
196	GOM_NL__2PRFIN20090810_144308_000000462081_00297_38928_7219.N1	10-AUG-2009 14:43:08	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	38928	No
197	GOM_NL__2PRFIN20090810_144648_000000642081_00297_38928_7220.N1	10-AUG-2009 14:46:48	Bright	64.000	154	22Bet Aqr	2.8990	5700.0	128	38928	No
198	GOM_NL__2PRFIN20090810_144911_000000252081_00297_38928_7221.N1	10-AUG-2009 14:49:11	Twilight	25.000	162	34Alp Aqr	2.9440	5350.0	50	38928	No
199	GOM_NL__2PRFIN20090810_145229_000000512081_00297_38928_7222.N1	10-AUG-2009 14:52:29	Bright	51.000	61	8Eps Peg	2.1000	3900.0	102	38928	No
200	GOM_NL__2PRFIN20090810_145847_000000392081_00297_38928_7223.N1	10-AUG-2009 14:58:47	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38928	No
201	GOM_NL__2PRFIN20090810_150159_000000402081_00297_38928_7224.N1	10-AUG-2009 15:01:59	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38928	No
202	GOM_NL__2PRFIN20090810_150724_000000392081_00297_38928_7225.N1	10-AUG-2009 15:07:24	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38928	No
203	GOM_NL__2PRFIN20090810_151252_000000482081_00297_38928_7226.N1	10-AUG-2009 15:12:52	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	38928	No
204	GOM_NL__2PRFIN20090810_151503_000000472081_00297_38928_7227.N1	10-AUG-2009 15:15:03	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38928	No
205	GOM_NL__2PRFIN20090810_152204_000000512081_00297_38928_7228.N1	10-AUG-2009 15:22:04	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	38928	No
206	GOM_NL__2PRFIN20090810_152356_000000552081_00297_38928_7229.N1	10-AUG-2009 15:23:56	Bright	54.500	35	33Alp Per	1.7950	6250.0	109	38928	No
207	GOM_NL__2PRFIN20090810_152643_000000482081_00297_38928_7230.N1	10-AUG-2009 15:26:43	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	38928	No
208	GOM_NL__2PRFIN20090810_152830_000000382081_00297_38928_7231.N1	10-AUG-2009 15:28:30	Bright	38.000	149	45Eps Per	2.8880	30000.	76	38928	No
209	GOM_NL__2PRFIN20090810_153223_000000482081_00297_38928_7232.N1	10-AUG-2009 15:32:23	Twilight	47.500	28	12Bet Tau	1.6500	15200.	95	38928	No
210	GOM_NL__2PRFIN20090810_153436_000000442081_00297_38928_7233.N1	10-AUG-2009 15:34:36	Twilight	43.500	176	23Zet Tau	3.0200	22000.	87	38928	No
211	GOM_NL__2PRFIN20090810_153738_000000702081_00297_38928_7234.N1	10-AUG-2009 15:37:38	Dark	70.000	13	87Alp Tau	0.86700	3800.0	140	38928	No
212	GOM_NL__2PRFIN20090810_153930_000000432081_00297_38928_7235.N1	10-AUG-2009 15:39:30	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	38928	No
213	GOM_NL__2PRFIN20090810_154117_000000442081_00297_38928_7236.N1	10-AUG-2009 15:41:17	Dark	44.000	72	34Del Ori	2.2500	30000.	88	38928	No
214	GOM_NL__2PRFIN20090810_154411_000000582081_00297_38928_7237.N1	10-AUG-2009 15:44:11	Dark	58.000	7	19Bet Ori	0.10000	14000.	116	38928	No
215	GOM_NL__2PRFIN20090810_155010_000000702081_00297_38928_7238.N1	10-AUG-2009 15:50:10	Dark	70.000	165	34Gam Eri	2.9500	3200.0	140	38928	No
216	GOM_NL__2PRFIN20090810_155920_000000502081_00298_38929_7230.N1	10-AUG-2009 15:59:20	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38929	No
217	GOM_NL__2PRFIN20090810_160932_000000522081_00298_38929_7231.N1	10-AUG-2009 16:09:32	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	38929	No
218	GOM_NL__2PRFIN20090810_161248_000000492081_00298_38929_7232.N1	10-AUG-2009 16:12:48	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	38929	No
219	GOM_NL__2PRFIN20090810_161736_000000562081_00298_38929_7233.N1	10-AUG-2009 16:17:36	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	38929	No

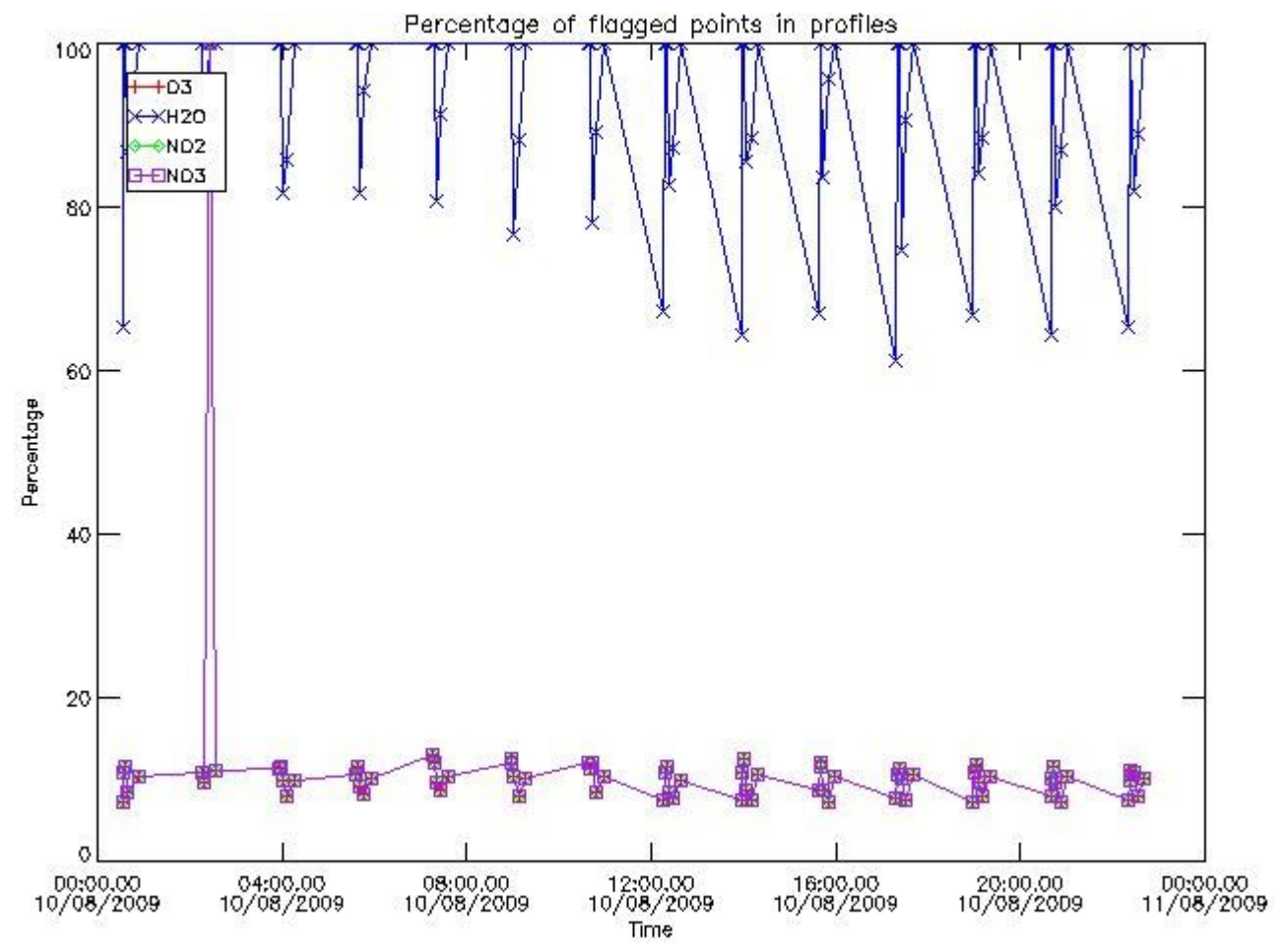
220	GOM_NL__2PRFIN20090810_162344_000000462081_00298_38929_7234.N1	10-AUG-2009 16:23:44	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	38929	No
221	GOM_NL__2PRFIN20090810_162724_000000642081_00298_38929_7235.N1	10-AUG-2009 16:27:24	Bright	64.000	154	22Bet Aqr	2.8990	5700.0	128	38929	No
222	GOM_NL__2PRFIN20090810_162946_000000252081_00298_38929_7236.N1	10-AUG-2009 16:29:46	Tw_i_and_stray	25.000	162	34Alp Aqr	2.9440	5350.0	50	38929	No
223	GOM_NL__2PRFIN20090810_163304_000000502081_00298_38929_7237.N1	10-AUG-2009 16:33:04	Bright	50.000	61	8Eps Peg	2.1000	3900.0	100	38929	No
224	GOM_NL__2PRFIN20090810_163923_000000392081_00298_38929_7238.N1	10-AUG-2009 16:39:23	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	38929	No
225	GOM_NL__2PRFIN20090810_164234_000000382081_00298_38929_7239.N1	10-AUG-2009 16:42:34	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	38929	No
226	GOM_NL__2PRFIN20090810_164759_000000392081_00298_38929_7240.N1	10-AUG-2009 16:47:59	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38929	No
227	GOM_NL__2PRFIN20090810_165328_000000502081_00298_38929_7241.N1	10-AUG-2009 16:53:28	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38929	No
228	GOM_NL__2PRFIN20090810_165538_000000502081_00298_38929_7242.N1	10-AUG-2009 16:55:38	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38929	No
229	GOM_NL__2PRFIN20090810_170240_000000752081_00298_38929_7243.N1	10-AUG-2009 17:02:40	Bright	75.000	160	23Gam Per	2.9300	4700.0	150	38929	No
230	GOM_NL__2PRFIN20090810_170432_000000522081_00298_38929_7244.N1	10-AUG-2009 17:04:32	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38929	No
231	GOM_NL__2PRFIN20090810_170719_000000492081_00298_38929_7245.N1	10-AUG-2009 17:07:19	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38929	No
232	GOM_NL__2PRFIN20090810_170906_000000382081_00298_38929_7246.N1	10-AUG-2009 17:09:06	Bright	38.000	149	45Eps Per	2.8880	30000.	76	38929	No
233	GOM_NL__2PRFIN20090810_171259_000000482081_00298_38929_7247.N1	10-AUG-2009 17:12:59	Tw_i_and_stray	47.500	28	12Bet Tau	1.6500	15200.	95	38929	No
234	GOM_NL__2PRFIN20090810_171513_000000422081_00298_38929_7248.N1	10-AUG-2009 17:15:13	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	38929	No
235	GOM_NL__2PRFIN20090810_171815_000000662081_00298_38929_7249.N1	10-AUG-2009 17:18:15	Dark	66.000	13	87Alp Tau	0.86700	3800.0	132	38929	No
236	GOM_NL__2PRFIN20090810_172006_000000492081_00298_38929_7250.N1	10-AUG-2009 17:20:06	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	38929	No
237	GOM_NL__2PRFIN20090810_172154_000000452081_00298_38929_7251.N1	10-AUG-2009 17:21:54	Dark	45.000	72	34Del Ori	2.2500	30000.	90	38929	No
238	GOM_NL__2PRFIN20090810_172448_000000502081_00298_38929_7252.N1	10-AUG-2009 17:24:48	Dark	50.000	7	19Bet Ori	0.10000	14000.	100	38929	No
239	GOM_NL__2PRFIN20090810_173047_000000692081_00298_38929_7253.N1	10-AUG-2009 17:30:47	Dark	69.000	165	34Gam Eri	2.9500	3200.0	138	38929	No
240	GOM_NL__2PRFIN20090810_173957_000000492081_00299_38930_7265.N1	10-AUG-2009 17:39:57	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38930	No
241	GOM_NL__2PRFIN20090810_175009_000000522081_00299_38930_7266.N1	10-AUG-2009 17:50:09	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	38930	No
242	GOM_NL__2PRFIN20090810_175324_000000542081_00299_38930_7267.N1	10-AUG-2009 17:53:24	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38930	No
243	GOM_NL__2PRFIN20090810_175812_000000592081_00299_38930_7268.N1	10-AUG-2009 17:58:12	Tw_i_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	38930	No
244	GOM_NL__2PRFIN20090810_180420_000000462081_00299_38930_7269.N1	10-AUG-2009 18:04:20	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	38930	No
245	GOM_NL__2PRFIN20090810_180800_000000442081_00299_38930_7270.N1	10-AUG-2009 18:08:00	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	38930	No
246	GOM_NL__2PRFIN20090810_181022_000000312081_00299_38930_7271.N1	10-AUG-2009 18:10:22	Tw_i_and_stray	31.000	162	34Alp Aqr	2.9440	5350.0	62	38930	No
247	GOM_NL__2PRFIN20090810_181340_000000602081_00299_38930_7272.N1	10-AUG-2009 18:13:40	Bright	60.000	61	8Eps Peg	2.1000	3900.0	120	38930	No
248	GOM_NL__2PRFIN20090810_181958_000000582081_00299_38930_7273.N1	10-AUG-2009 18:19:58	Bright	58.000	92	53Eps Cyg	2.5000	4500.0	116	38930	No
249	GOM_NL__2PRFIN20090810_182310_000000572081_00299_38930_7274.N1	10-AUG-2009 18:23:10	Bright	57.000	19	50Alp Cyg	1.2460	10500.	114	38930	No
250	GOM_NL__2PRFIN20090810_182835_000000402081_00299_38930_7275.N1	10-AUG-2009 18:28:35	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38930	No
251	GOM_NL__2PRFIN20090810_183403_000000522081_00299_38930_7276.N1	10-AUG-2009 18:34:03	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	38930	No
252	GOM_NL__2PRFIN20090810_183613_000000472081_00299_38930_7277.N1	10-AUG-2009 18:36:13	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	38930	No
253	GOM_NL__2PRFIN20090810_184315_000000542081_00299_38930_7278.N1	10-AUG-2009 18:43:15	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	38930	No
254	GOM_NL__2PRFIN20090810_184507_000000552081_00299_38930_7279.N1	10-AUG-2009 18:45:07	Bright	54.500	35	33Alp Per	1.7950	6250.0	109	38930	No
255	GOM_NL__2PRFIN20090810_184755_000000482081_00299_38930_7280.N1	10-AUG-2009 18:47:55	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	38930	No
256	GOM_NL__2PRFIN20090810_184941_000000322081_00299_38930_7281.N1	10-AUG-2009 18:49:41	Tw_i_and_stray	32.000	149	45Eps Per	2.8880	30000.	64	38930	No
257	GOM_NL__2PRFIN20090810_185335_000000462081_00299_38930_7282.N1	10-AUG-2009 18:53:35	Tw_i_and_stray	45.500	28	12Bet Tau	1.6500	15200.	91	38930	No
258	GOM_NL__2PRFIN20090810_185549_000000412081_00299_38930_7283.N1	10-AUG-2009 18:55:49	Tw_i_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	38930	No
259	GOM_NL__2PRFIN20090810_185851_000000702081_00299_38930_7284.N1	10-AUG-2009 18:58:51	Dark	69.500	13	87Alp Tau	0.86700	3800.0	139	38930	No
260	GOM_NL__2PRFIN20090810_190042_000000482081_00299_38930_7285.N1	10-AUG-2009 19:00:42	Dark	47.500	27	24Gam Ori	1.6360	26000.	95	38930	No
261	GOM_NL__2PRFIN20090810_190230_000000432081_00299_38930_7286.N1	10-AUG-2009 19:02:30	Dark	43.000	72	34Del Ori	2.2500	30000.	86	38930	No
262	GOM_NL__2PRFIN20090810_190525_000000542081_00299_38930_7287.N1	10-AUG-2009 19:05:25	Dark	53.500	7	19Bet Ori	0.10000	14000.	107	38930	No
263	GOM_NL__2PRFIN20090810_191125_000000702081_00299_38930_7288.N1	10-AUG-2009 19:11:25	Dark	69.500	165	34Gam Eri	2.9500	3200.0	139	38930	No
264	GOM_NL__2PRFIN20090810_192035_000000502081_00300_38931_7284.N1	10-AUG-2009 19:20:35	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38931	No
265	GOM_NL__2PRFIN20090810_193045_000000652081_00300_38931_7285.N1	10-AUG-2009 19:30:45	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	38931	No
266	GOM_NL__2PRFIN20090810_193402_000000572081_00300_38931_7286.N1	10-AUG-2009 19:34:02	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	38931	No
267	GOM_NL__2PRFIN20090810_193849_000000572081_00300_38931_7287.N1	10-AUG-2009 19:38:49	Tw_i_and_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	38931	No
268	GOM_NL__2PRFIN20090810_194456_000000472081_00300_38931_7288.N1	10-AUG-2009 19:44:56	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38931	No
269	GOM_NL__2PRFIN20090810_194836_000000452081_00300_38931_7289.N1	10-AUG-2009 19:48:36	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	38931	No
270	GOM_NL__2PRFIN20090810_195057_000000312081_00300_38931_7290.N1	10-AUG-2009 19:50:57	Tw_i_and_stray	31.000	162	34Alp Aqr	2.9440	5350.0	62	38931	No
271	GOM_NL__2PRFIN20090810_195415_000000472081_00300_38931_7291.N1	10-AUG-2009 19:54:15	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38931	No
272	GOM_NL__2PRFIN20090810_200034_000000392081_00300_38931_7292.N1	10-AUG-2009 20:00:34	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	38931	No
273	GOM_NL__2PRFIN20090810_200346_000000382081_00300_38931_7293.N1	10-AUG-2009 20:03:46	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	38931	No
274	GOM_NL__2PRFIN20090810_200911_000000382081_00300_38931_7294.N1	10-AUG-2009 20:09:11	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38931	No
275	GOM_NL__2PRFIN20090810_201438_000000492081_00300_38931_7295.N1	10-AUG-2009 20:14:38	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38931	No
276	GOM_NL__2PRFIN20090810_201648_000000492081_00300_38931_7296.N1	10-AUG-2009 20:16:48	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38931	No
277	GOM_NL__2PRFIN20090810_202351_000000602081_00300_38931_7297.N1	10-AUG-2009 20:23:51	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	38931	No
278	GOM_NL__2PRFIN20090810_202543_000000562081_00300_38931_7298.N1	10-AUG-2009 20:25:43	Bright	56.000	35	33Alp Per	1.7950	6250.0	112	38931	No

279	GOM_NL__2PRFIN20090810_202831_000000452081_00300_38931_7299.N1	10-AUG-2009 20:28:31	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38931	No
280	GOM_NL__2PRFIN20090810_203017_000000322081_00300_38931_7300.N1	10-AUG-2009 20:30:17	Twilight	32.000	149	45Eps Per	2.8880	30000.	64	38931	No
281	GOM_NL__2PRFIN20090810_203411_000000472081_00300_38931_7301.N1	10-AUG-2009 20:34:11	Twilight	47.000	28	12Bet Tau	1.6500	15200.	94	38931	No
282	GOM_NL__2PRFIN20090810_203625_000000452081_00300_38931_7302.N1	10-AUG-2009 20:36:25	Twilight	44.500	176	23Zet Tau	3.0200	22000.	89	38931	No
283	GOM_NL__2PRFIN20090810_203928_000000652081_00300_38931_7303.N1	10-AUG-2009 20:39:28	Dark	65.000	13	87Alp Tau	0.86700	3800.0	130	38931	No
284	GOM_NL__2PRFIN20090810_204119_000000512081_00300_38931_7304.N1	10-AUG-2009 20:41:19	Dark	50.500	27	24Gam Ori	1.6360	26000.	101	38931	No
285	GOM_NL__2PRFIN20090810_204306_000000452081_00300_38931_7305.N1	10-AUG-2009 20:43:06	Dark	44.500	72	34Del Ori	2.2500	30000.	89	38931	No
286	GOM_NL__2PRFIN20090810_204601_000000532081_00300_38931_7306.N1	10-AUG-2009 20:46:01	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	38931	No
287	GOM_NL__2PRFIN20090810_205202_000000702081_00300_38931_7307.N1	10-AUG-2009 20:52:02	Dark	69.500	165	34Gam Eri	2.9500	3200.0	139	38931	No
288	GOM_NL__2PRFIN20090810_210112_000000492081_00301_38932_7301.N1	10-AUG-2009 21:01:12	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38932	No
289	GOM_NL__2PRFIN20090810_211122_000000662081_00301_38932_7302.N1	10-AUG-2009 21:11:22	Straylight	65.500	84	Alp Phe	2.3970	4500.0	131	38932	No
290	GOM_NL__2PRFIN20090810_211925_000000572081_00301_38932_7303.N1	10-AUG-2009 21:19:25	Twilight	57.000	18	24Alp PsA	1.1660	9700.0	114	38932	No
291	GOM_NL__2PRFIN20090810_212532_000000432081_00301_38932_7304.N1	10-AUG-2009 21:25:32	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	38932	No
292	GOM_NL__2PRFIN20090810_212912_000000452081_00301_38932_7305.N1	10-AUG-2009 21:29:12	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	38932	No
293	GOM_NL__2PRFIN20090810_213133_000000382081_00301_38932_7306.N1	10-AUG-2009 21:31:33	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	38932	No
294	GOM_NL__2PRFIN20090810_213451_000000472081_00301_38932_7307.N1	10-AUG-2009 21:34:51	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38932	No
295	GOM_NL__2PRFIN20090810_214109_000000382081_00301_38932_7308.N1	10-AUG-2009 21:41:09	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	38932	No
296	GOM_NL__2PRFIN20090810_214421_000000372081_00301_38932_7309.N1	10-AUG-2009 21:44:21	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	38932	No
297	GOM_NL__2PRFIN20090810_214946_000000392081_00301_38932_7310.N1	10-AUG-2009 21:49:46	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38932	No
298	GOM_NL__2PRFIN20090810_215513_000000462081_00301_38932_7311.N1	10-AUG-2009 21:55:13	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	38932	No
299	GOM_NL__2PRFIN20090810_215723_000000452081_00301_38932_7312.N1	10-AUG-2009 21:57:23	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	38932	No
300	GOM_NL__2PRFIN20090810_220426_000000532081_00301_38932_7313.N1	10-AUG-2009 22:04:26	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	38932	No
301	GOM_NL__2PRFIN20090810_220618_000000562081_00301_38932_7314.N1	10-AUG-2009 22:06:18	Bright	56.000	35	33Alp Per	1.7950	6250.0	112	38932	No
302	GOM_NL__2PRFIN20090810_220906_000000452081_00301_38932_7315.N1	10-AUG-2009 22:09:06	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38932	No
303	GOM_NL__2PRFIN20090810_221053_000000262081_00301_38932_7316.N1	10-AUG-2009 22:10:53	Twilight	26.000	149	45Eps Per	2.8880	30000.	52	38932	No
304	GOM_NL__2PRFIN20090810_221447_000000472081_00301_38932_7317.N1	10-AUG-2009 22:14:47	Twilight	46.500	28	12Bet Tau	1.6500	15200.	93	38932	No
305	GOM_NL__2PRFIN20090810_221701_000000422081_00301_38932_7318.N1	10-AUG-2009 22:17:01	Twilight	42.000	176	23Zet Tau	3.0200	22000.	84	38932	No
306	GOM_NL__2PRFIN20090810_222004_000000682081_00301_38932_7319.N1	10-AUG-2009 22:20:04	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38932	No
307	GOM_NL__2PRFIN20090810_222155_000000512081_00301_38932_7320.N1	10-AUG-2009 22:21:55	Dark	51.000	27	24Gam Ori	1.6360	26000.	102	38932	No
308	GOM_NL__2PRFIN20090810_222351_000000462081_00301_38932_7321.N1	10-AUG-2009 22:23:51	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	38932	No
309	GOM_NL__2PRFIN20090810_222638_000000472081_00301_38932_7322.N1	10-AUG-2009 22:26:38	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	38932	No
310	GOM_NL__2PRFIN20090810_223239_000000642081_00301_38932_7323.N1	10-AUG-2009 22:32:39	Dark	64.000	165	34Gam Eri	2.9500	3200.0	128	38932	No
311	GOM_NL__2PRFIN20090810_224148_000000512081_00302_38933_7316.N1	10-AUG-2009 22:41:48	Dark	50.500	157	The1Eri	2.9060	9300.0	101	38933	No
312	GOM_NL__2PRFIN20090810_225159_000000522081_00302_38933_7317.N1	10-AUG-2009 22:51:59	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	38933	No
313	GOM_NL__2PRFIN20090810_230002_000000582081_00302_38933_7318.N1	10-AUG-2009 23:00:02	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	38933	No
314	GOM_NL__2PRFIN20090810_230608_000000492081_00302_38933_7319.N1	10-AUG-2009 23:06:08	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	38933	No
315	GOM_NL__2PRFIN20090810_230947_000000452081_00302_38933_7320.N1	10-AUG-2009 23:09:47	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	38933	No
316	GOM_NL__2PRFIN20090810_231209_000000382081_00302_38933_7321.N1	10-AUG-2009 23:12:09	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	38933	No
317	GOM_NL__2PRFIN20090810_231526_000000502081_00302_38933_7322.N1	10-AUG-2009 23:15:26	Bright	50.000	61	8Eps Peg	2.1000	3900.0	100	38933	No
318	GOM_NL__2PRFIN20090810_232145_000000382081_00302_38933_7323.N1	10-AUG-2009 23:21:45	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	38933	No
319	GOM_NL__2PRFIN20090810_232457_000000382081_00302_38933_7324.N1	10-AUG-2009 23:24:57	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	38933	No
320	GOM_NL__2PRFIN20090810_233021_000000392081_00302_38933_7325.N1	10-AUG-2009 23:30:21	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38933	No
321	GOM_NL__2PRFIN20090810_233548_000000482081_00302_38933_7326.N1	10-AUG-2009 23:35:48	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38933	No
322	GOM_NL__2PRFIN20090810_233758_000000502081_00302_38933_7327.N1	10-AUG-2009 23:37:58	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38933	No
323	GOM_NL__2PRFIN20090810_234501_000000522081_00302_38933_7328.N1	10-AUG-2009 23:45:01	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38933	No
324	GOM_NL__2PRFIN20090810_234654_000000562081_00302_38933_7329.N1	10-AUG-2009 23:46:54	Bright	56.000	35	33Alp Per	1.7950	6250.0	112	38933	No
325	GOM_NL__2PRFIN20090810_234942_000000472081_00302_38933_7330.N1	10-AUG-2009 23:49:42	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38933	No
326	GOM_NL__2PRFIN20090810_235129_000000262081_00302_38933_7331.N1	10-AUG-2009 23:51:29	Twilight	26.000	149	45Eps Per	2.8880	30000.	52	38933	No
327	GOM_NL__2PRFIN20090810_235523_000000492081_00302_38933_7332.N1	10-AUG-2009 23:55:23	Twilight	48.500	28	12Bet Tau	1.6500	15200.	97	38933	No
328	GOM_NL__2PRFIN20090810_235737_000000452081_00302_38933_7333.N1	10-AUG-2009 23:57:37	Twilight	45.000	176	23Zet Tau	3.0200	22000.	90	38933	No

3. Quality information per product

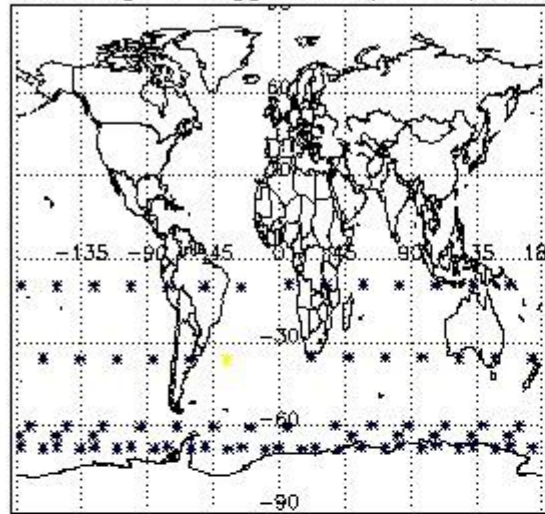
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

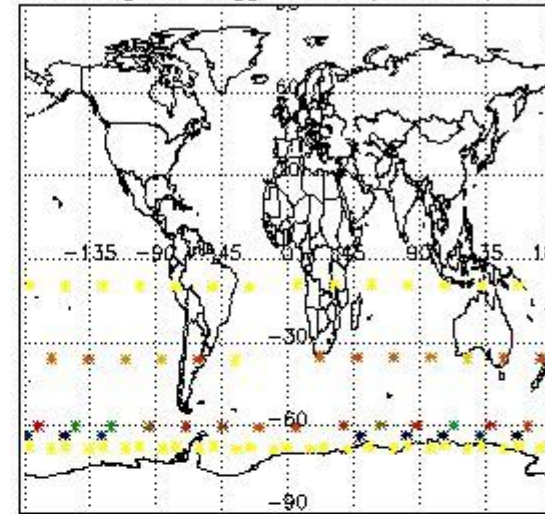


3.2 Plot quality information per product (world map)

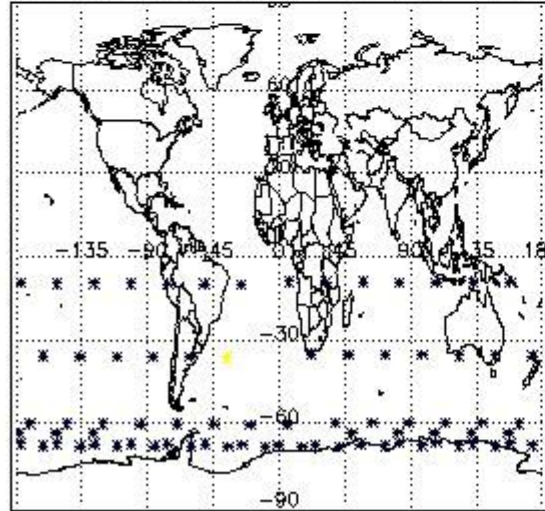
Percentage of flagged data per O3 profile



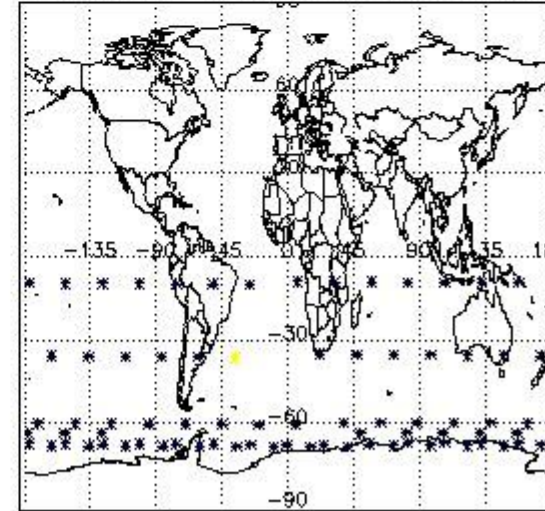
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

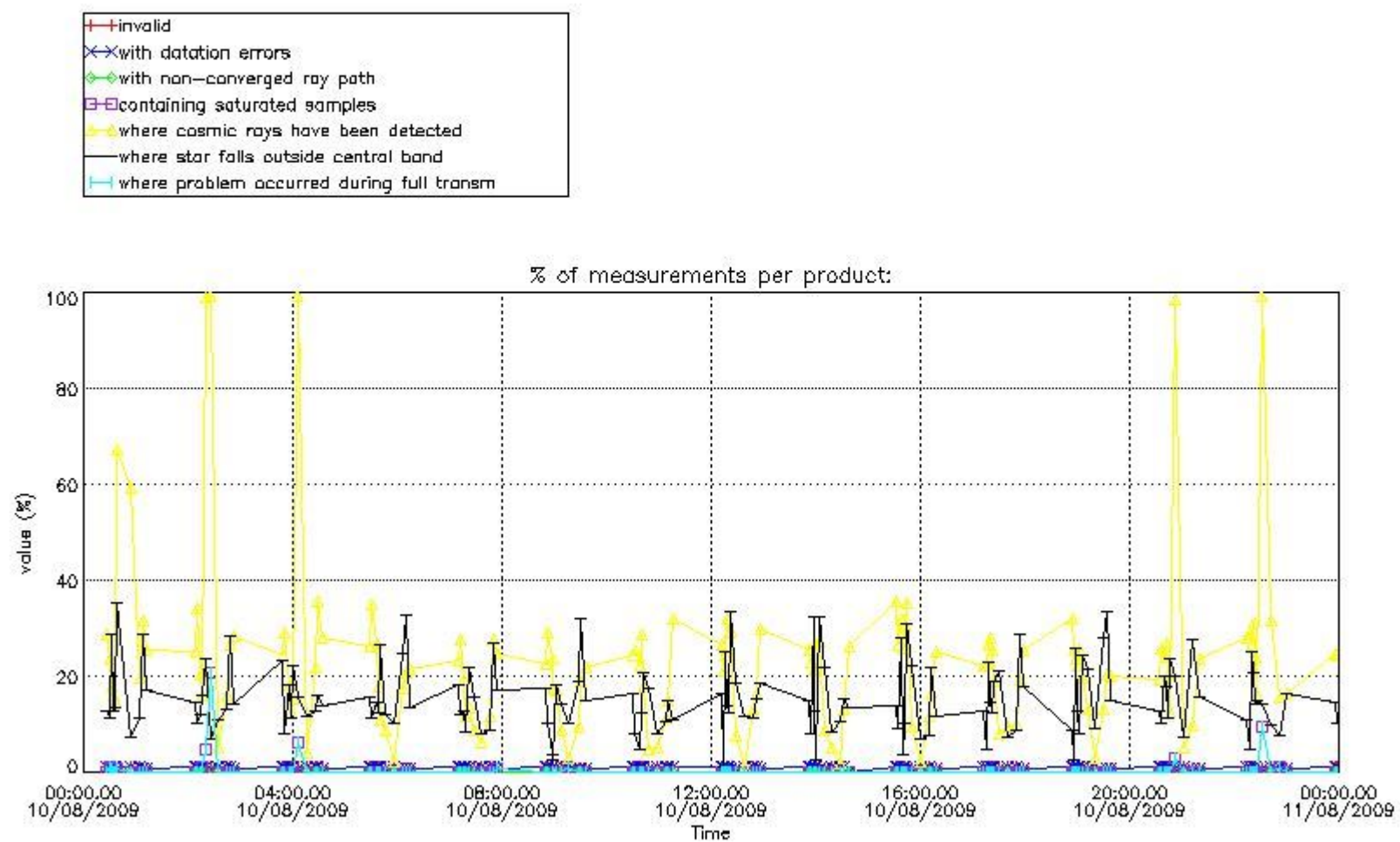


4. Level 1 quality information per product

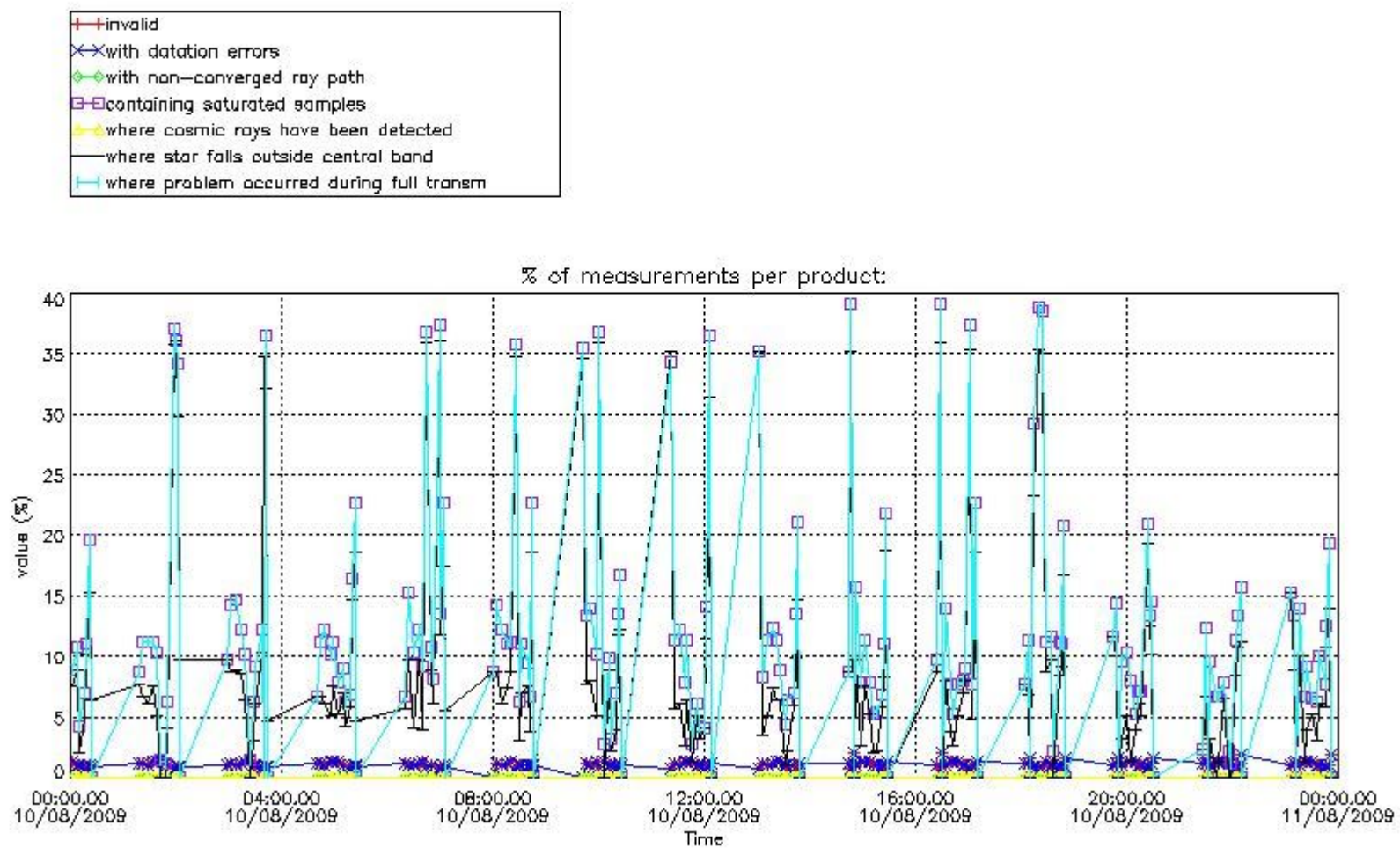
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



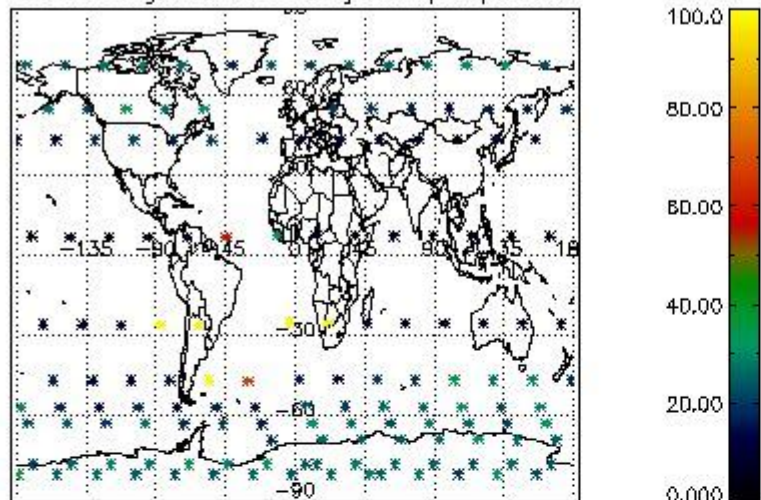
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



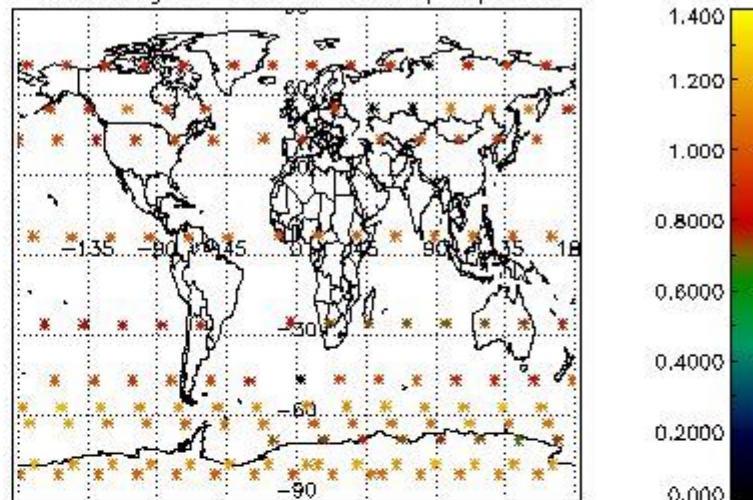
4.2 Plot quality information per product coming from level 1b processing (world map)

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

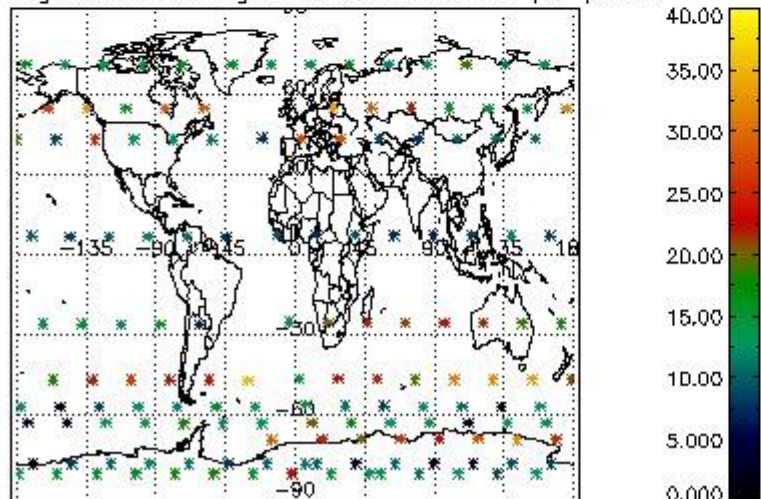
Percentage of cosmic ray hits per profile



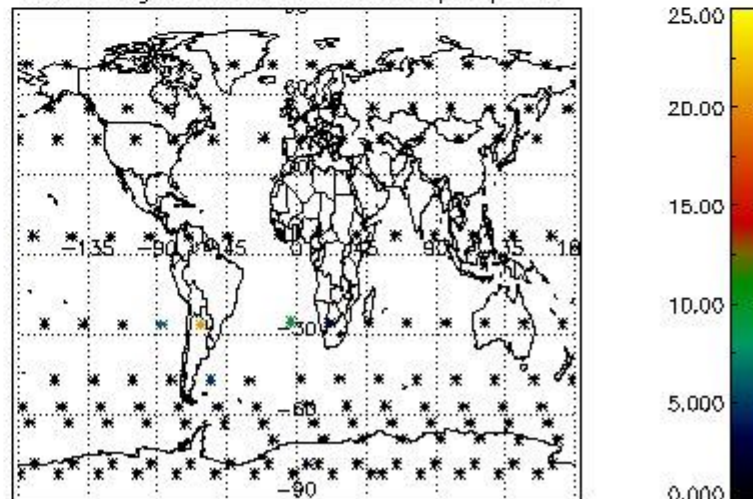
Percentage of datation errors per profile



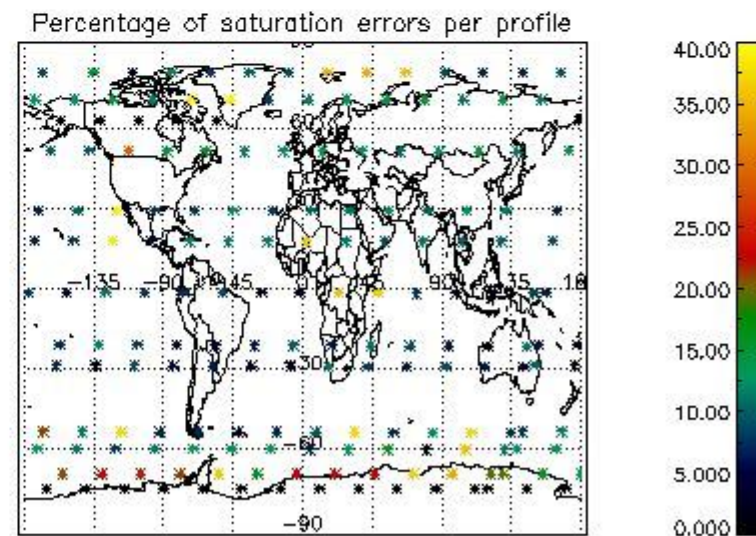
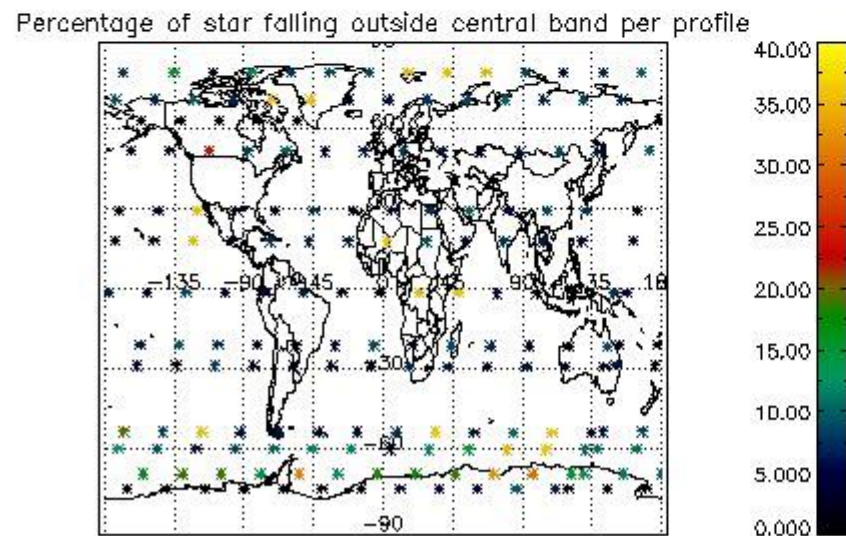
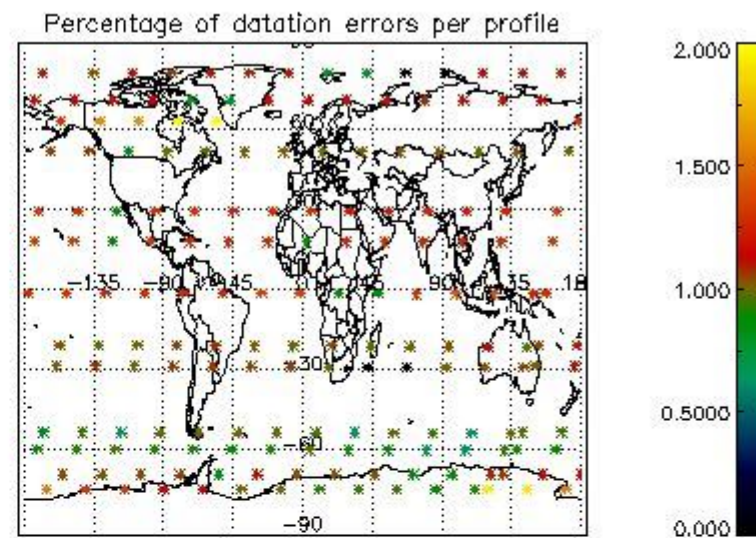
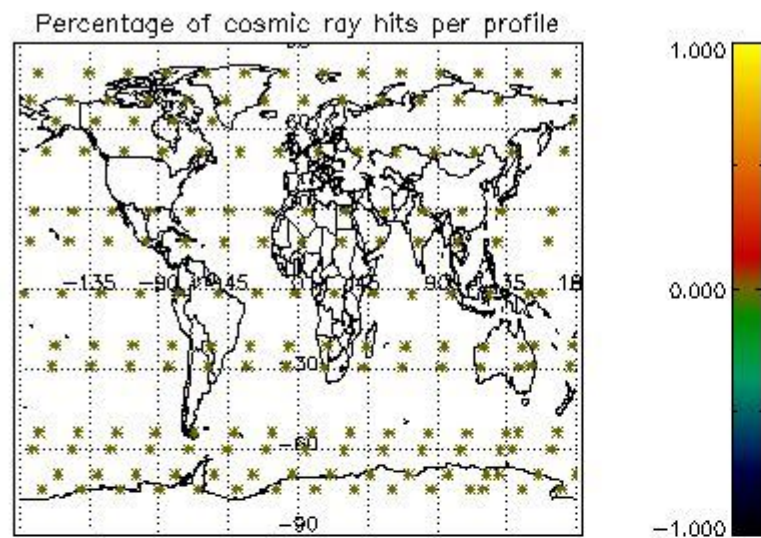
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

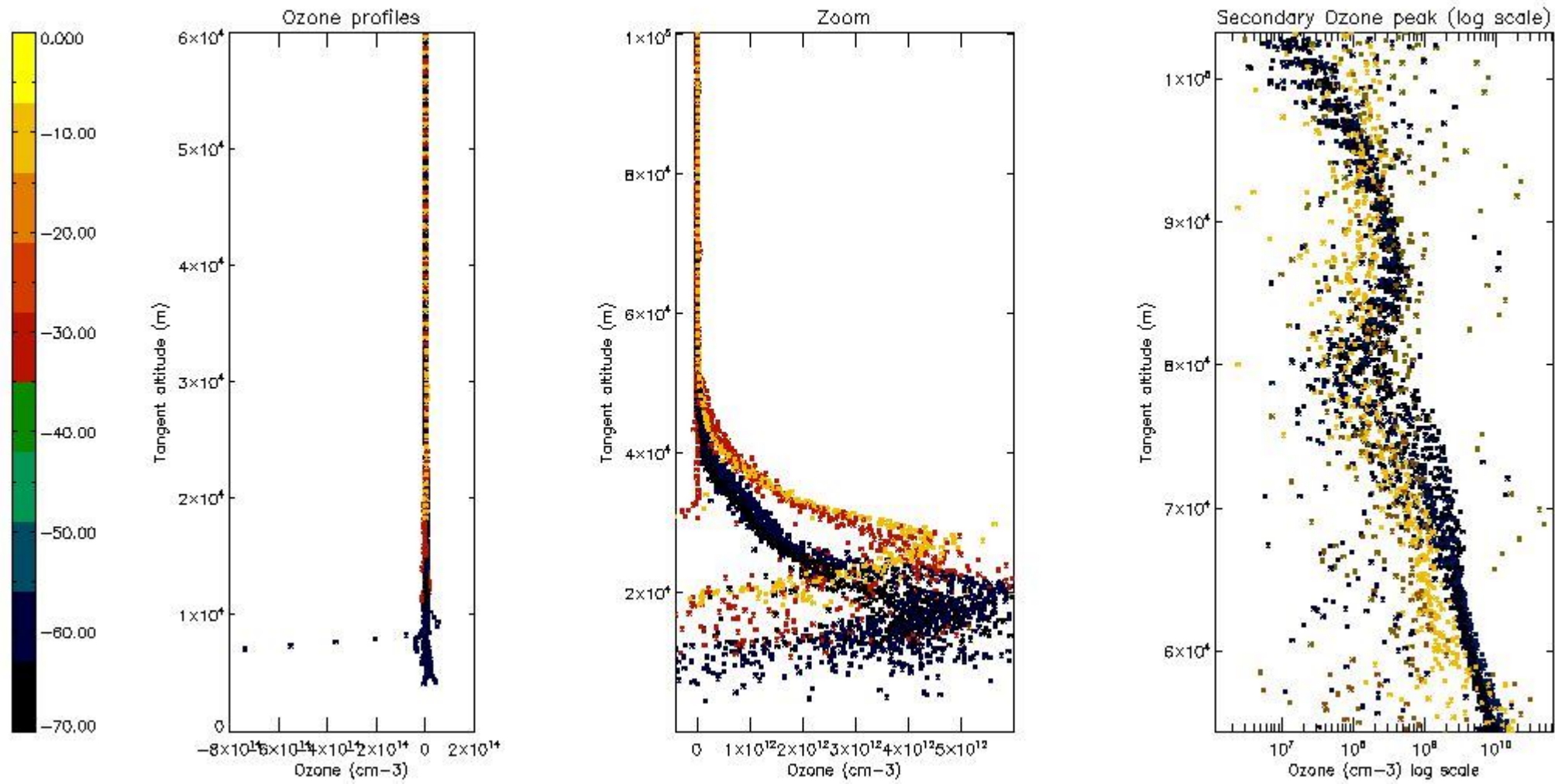
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	13

STD < 10	10
STD < 5	7

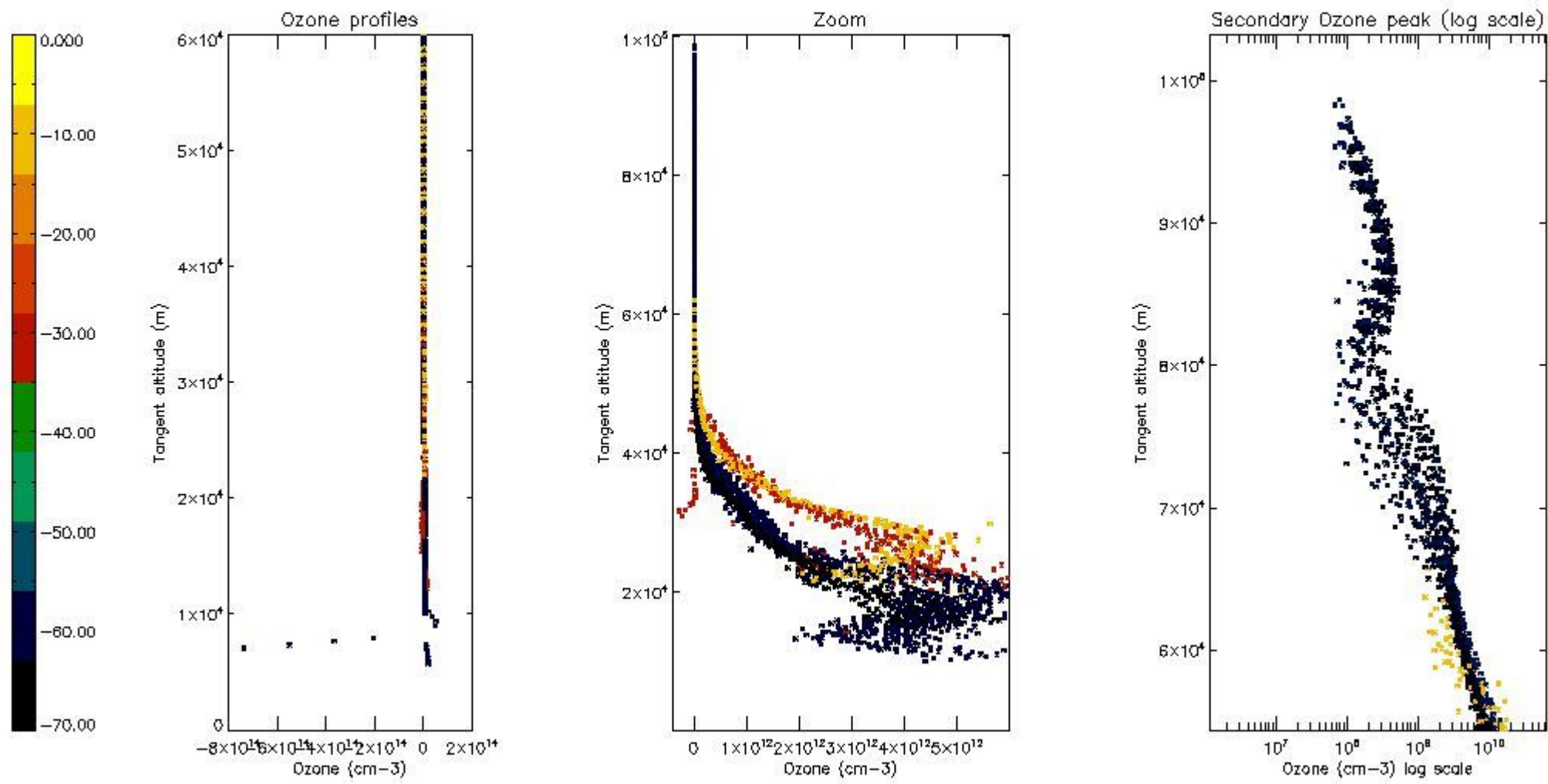
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



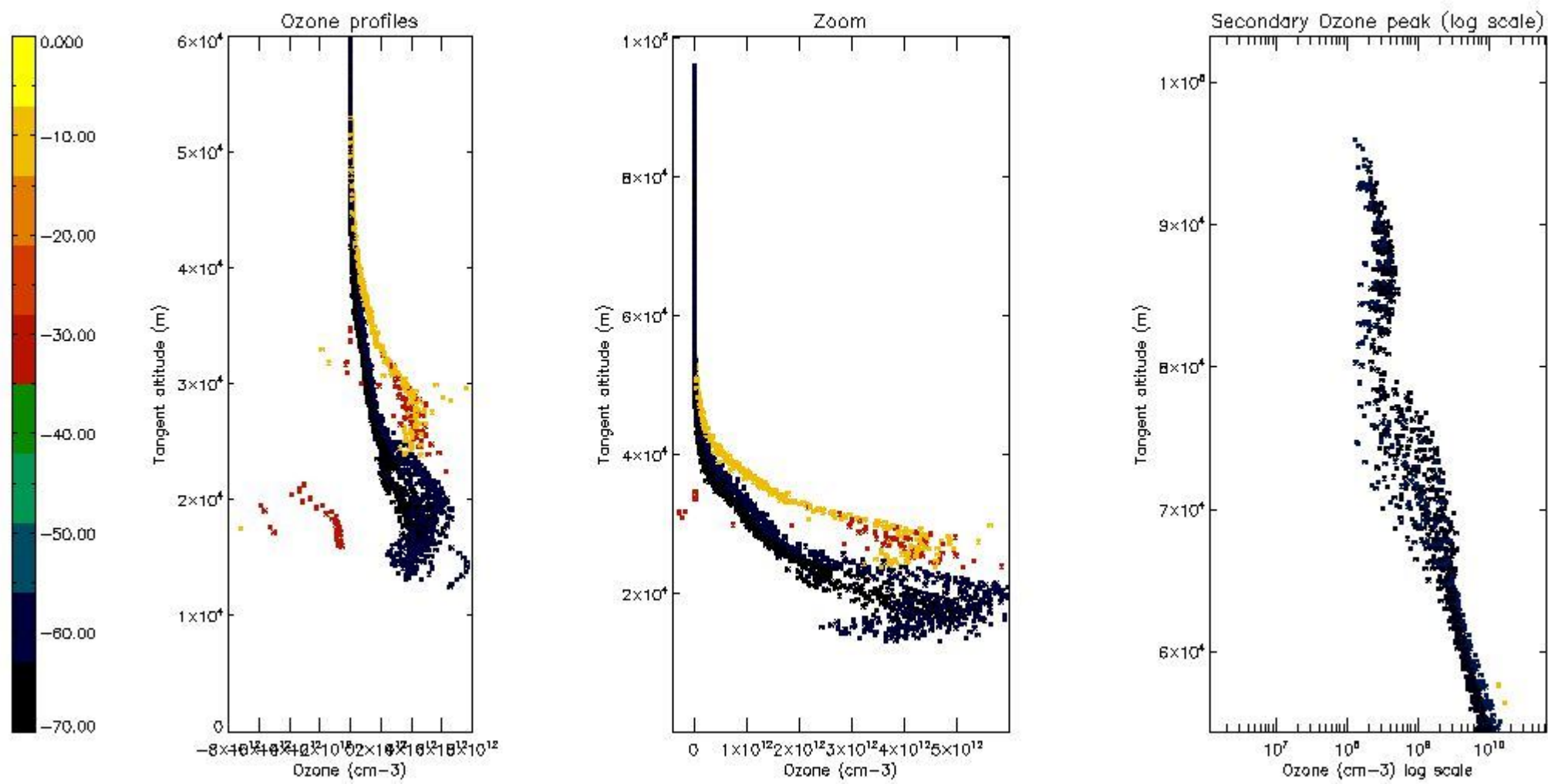
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



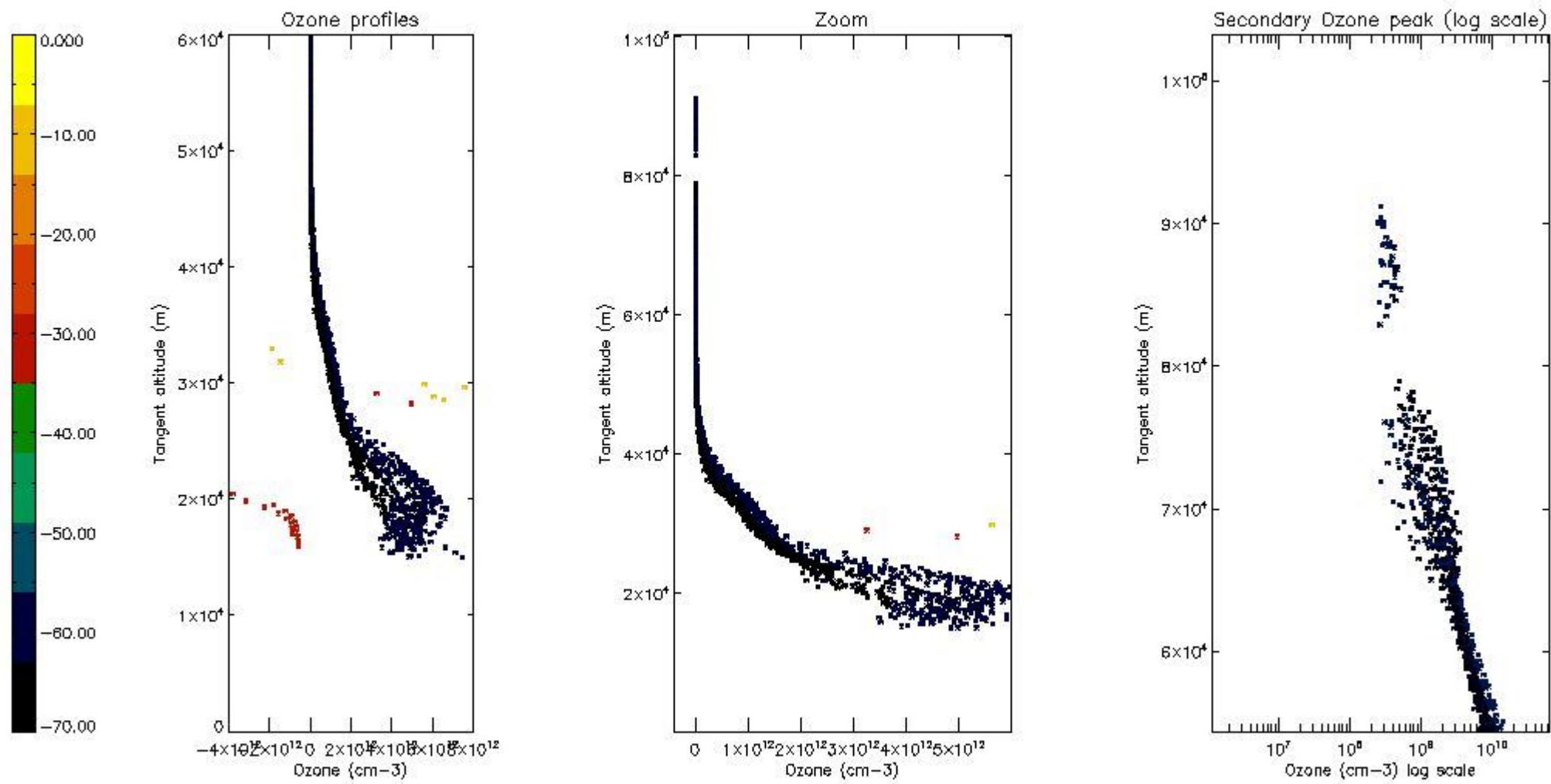
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



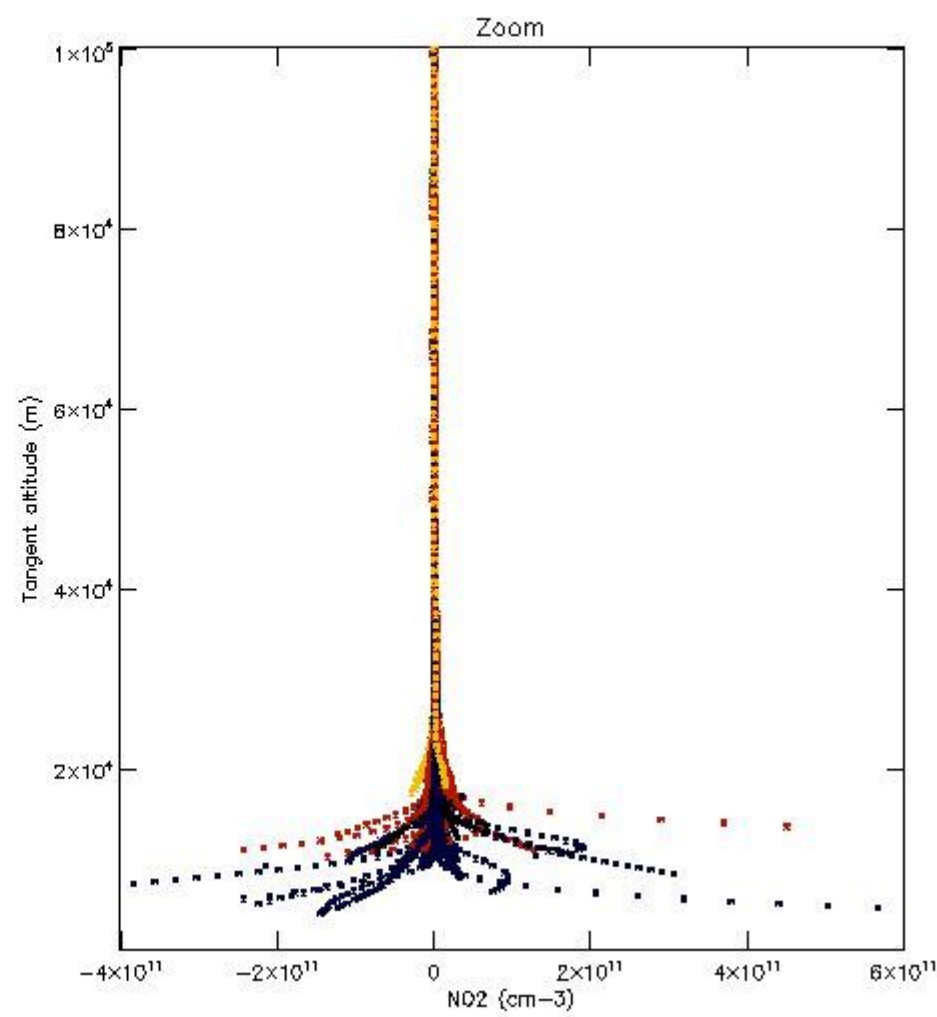
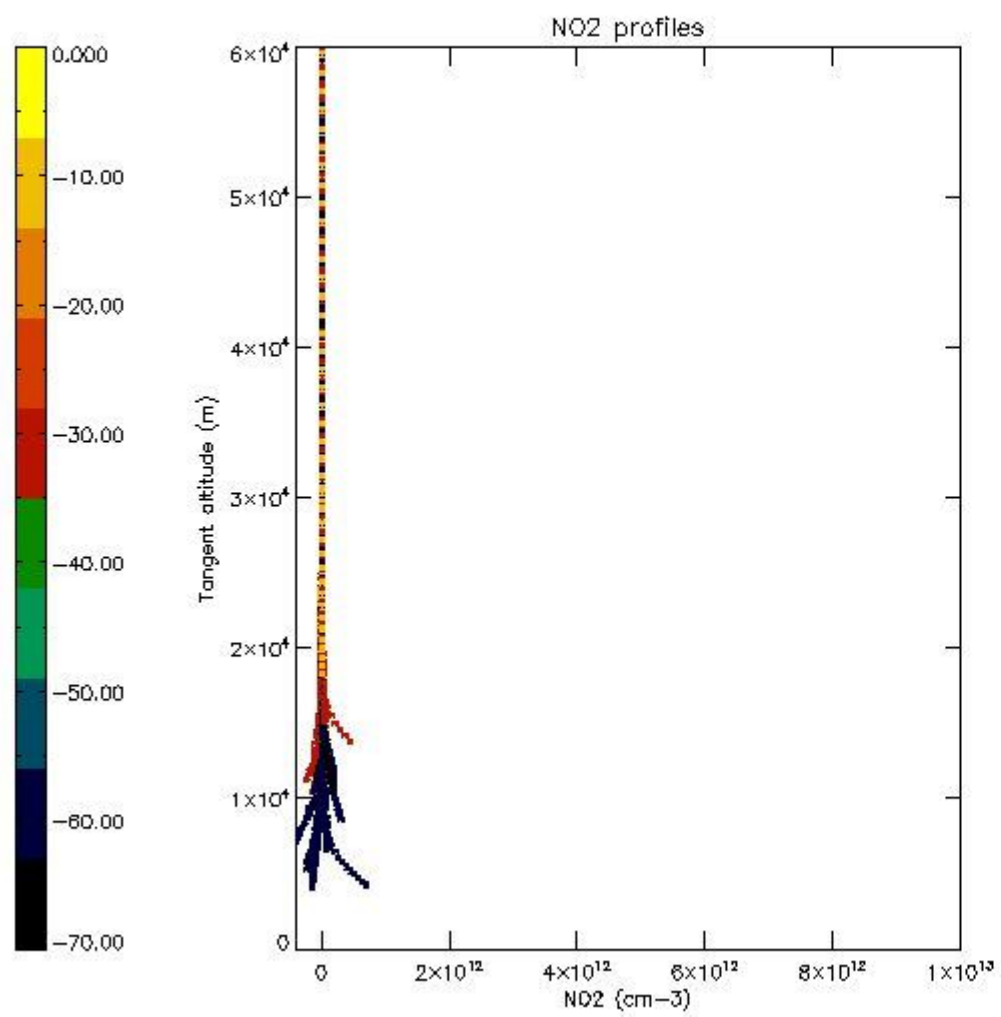
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



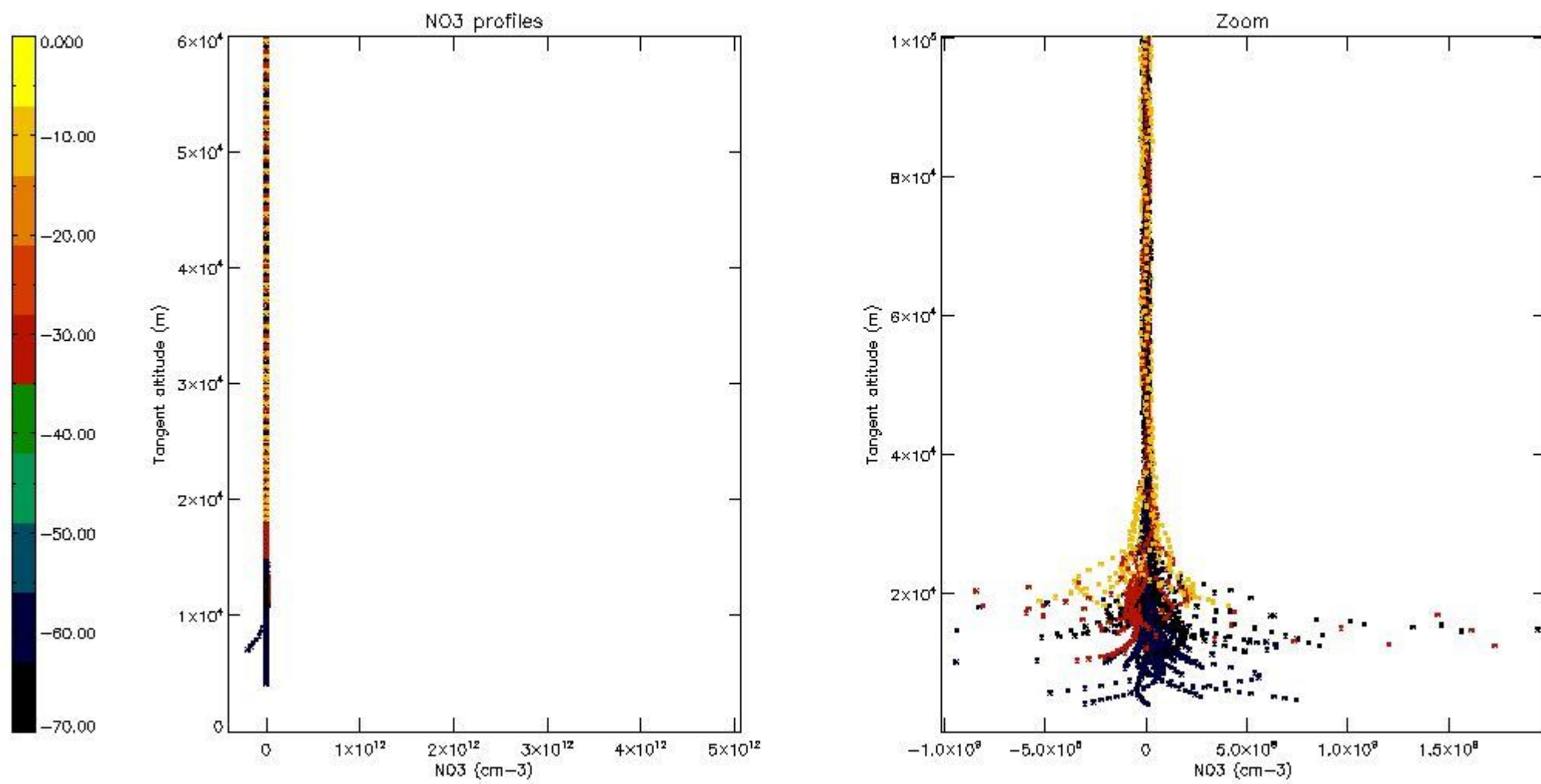
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



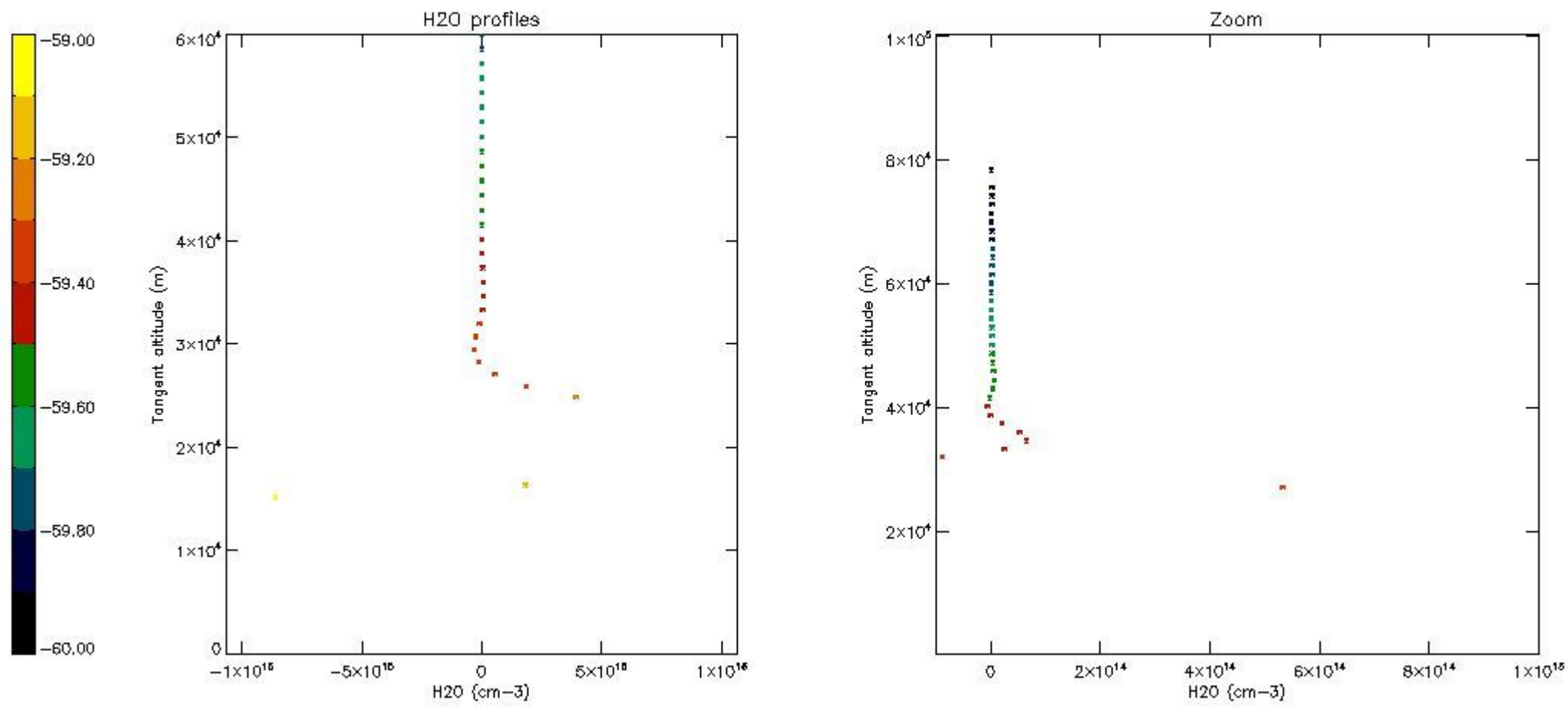
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

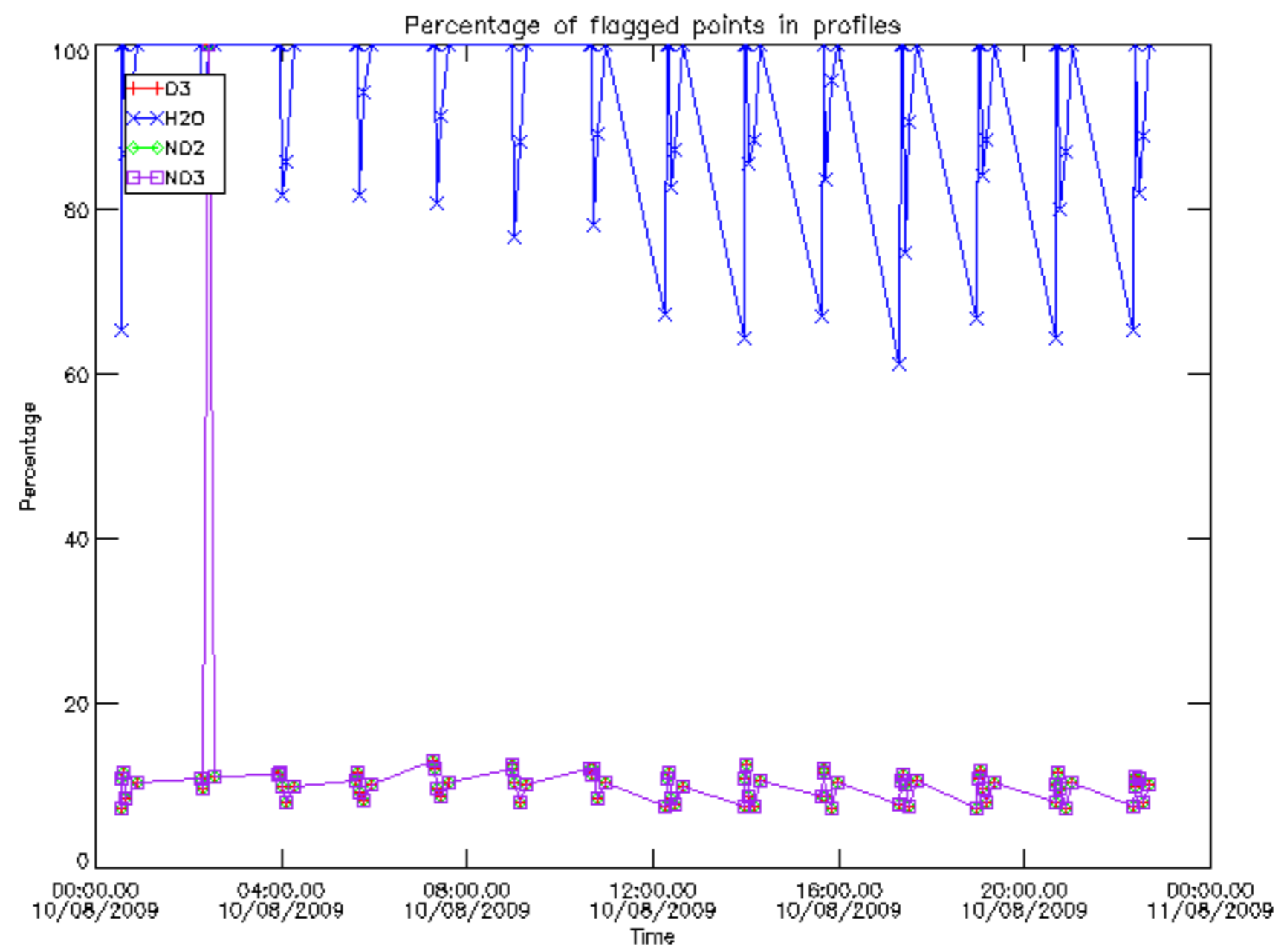
The colorbar represents the latitude.



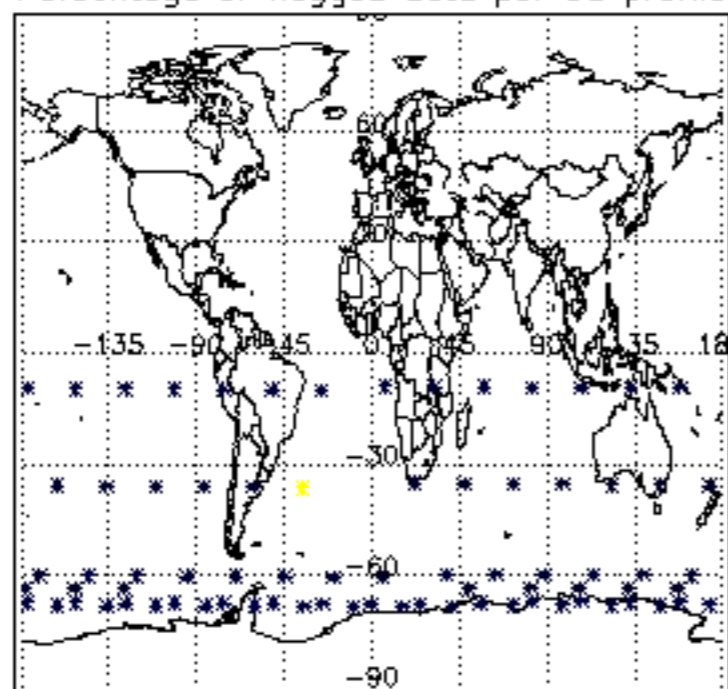
6. Auxiliary Data Files used for the production reported in section 2

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

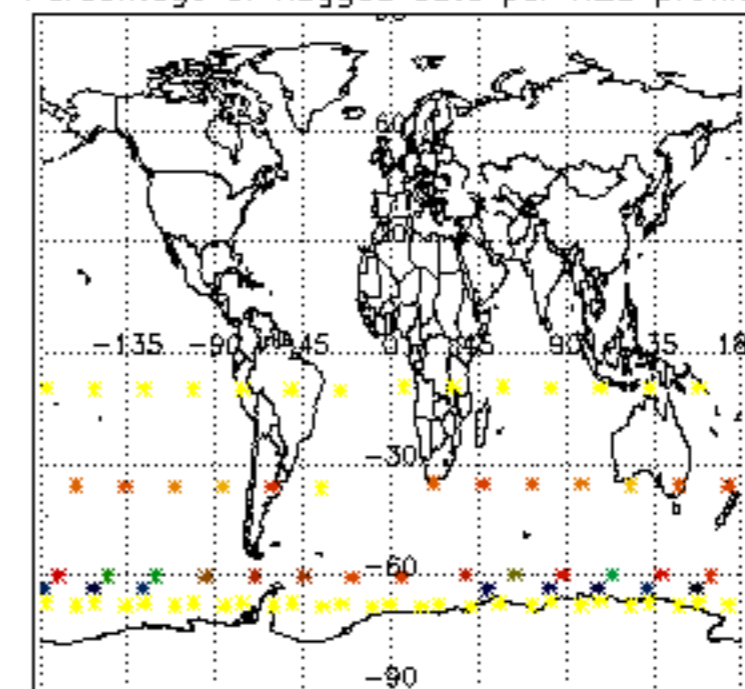
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-AUG-2009 00:02:03
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-AUG-2009 00:02:03
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-AUG-2009 00:02:03



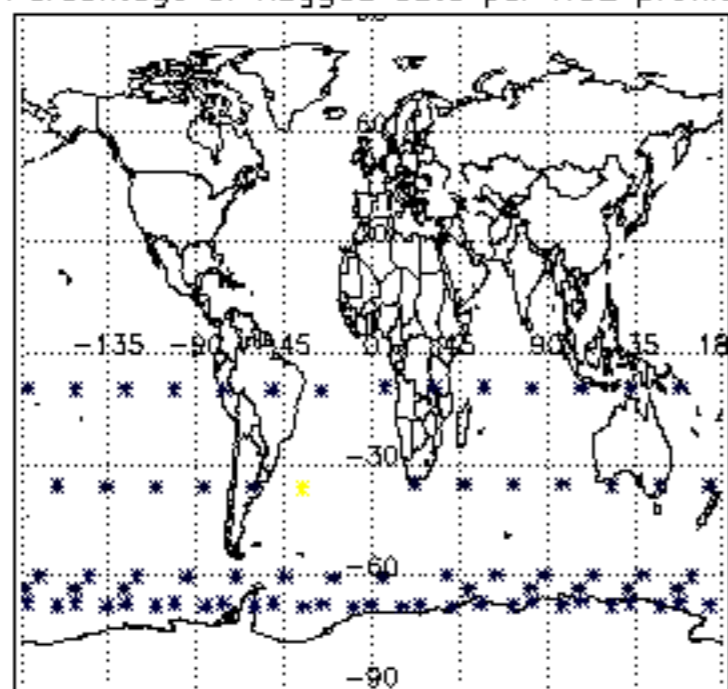
Percentage of flagged data per D3 profile



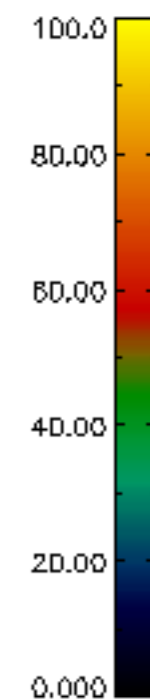
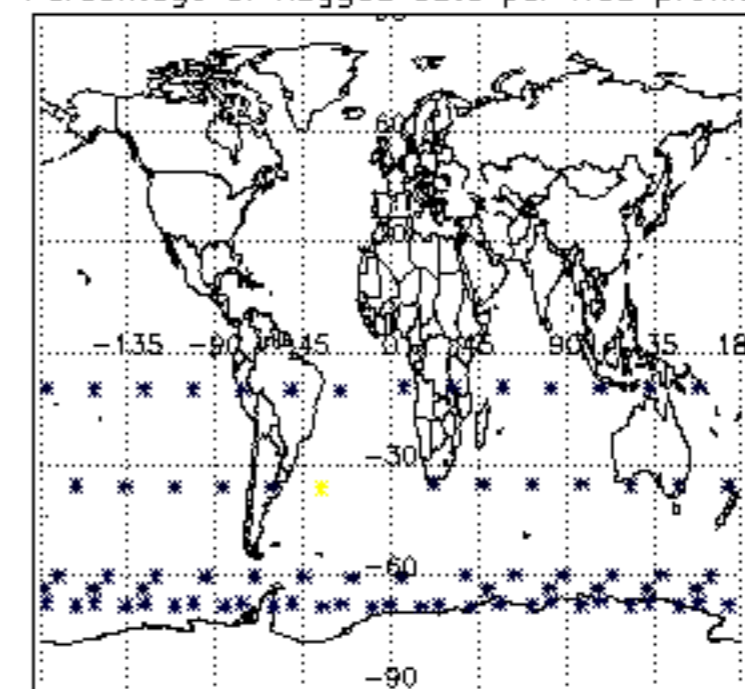
Percentage of flagged data per H2O profile

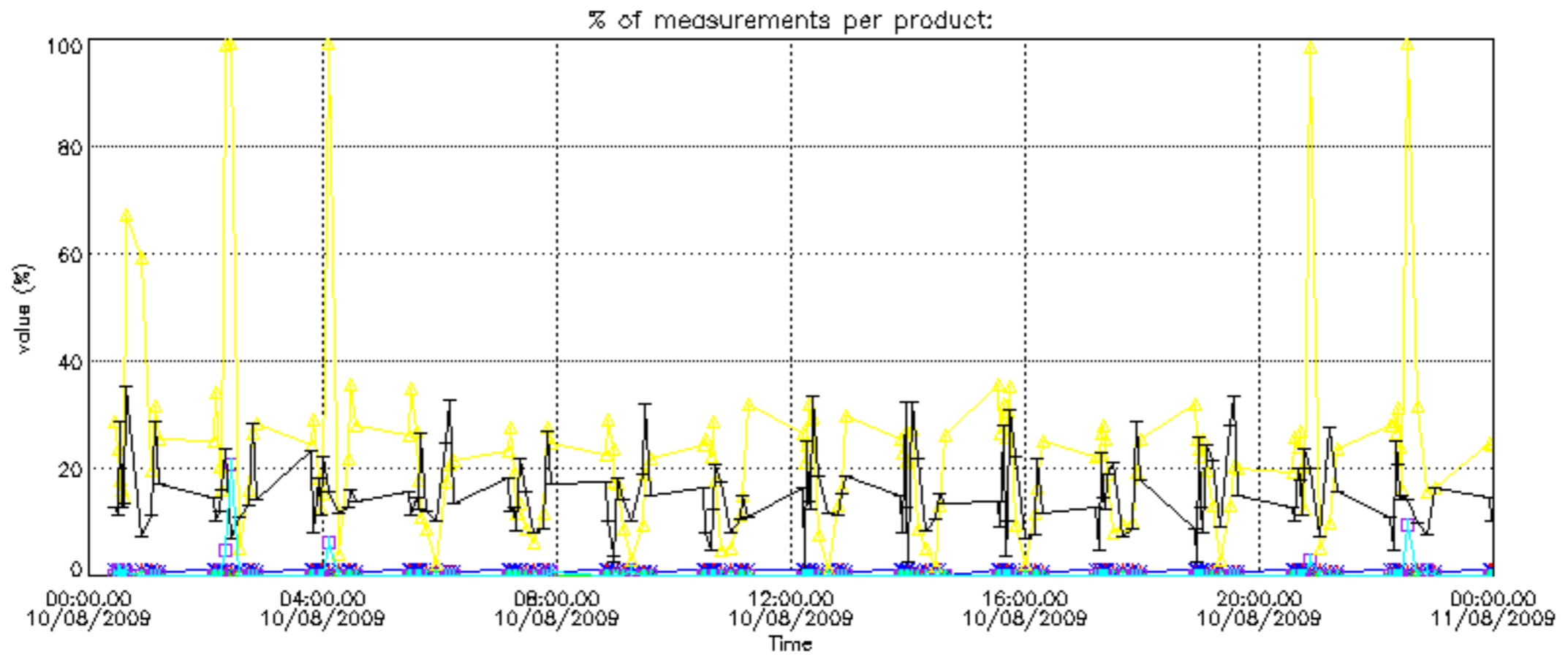


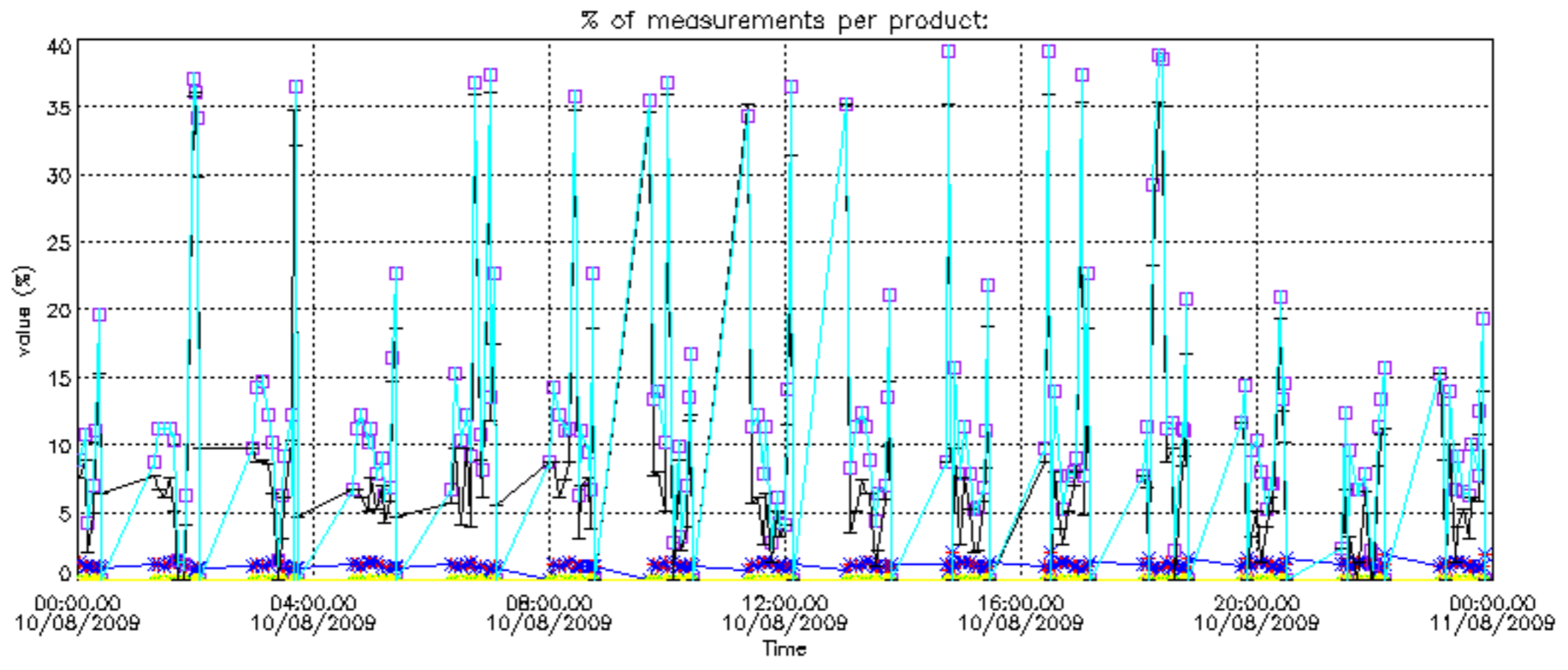
Percentage of flagged data per NO2 profile



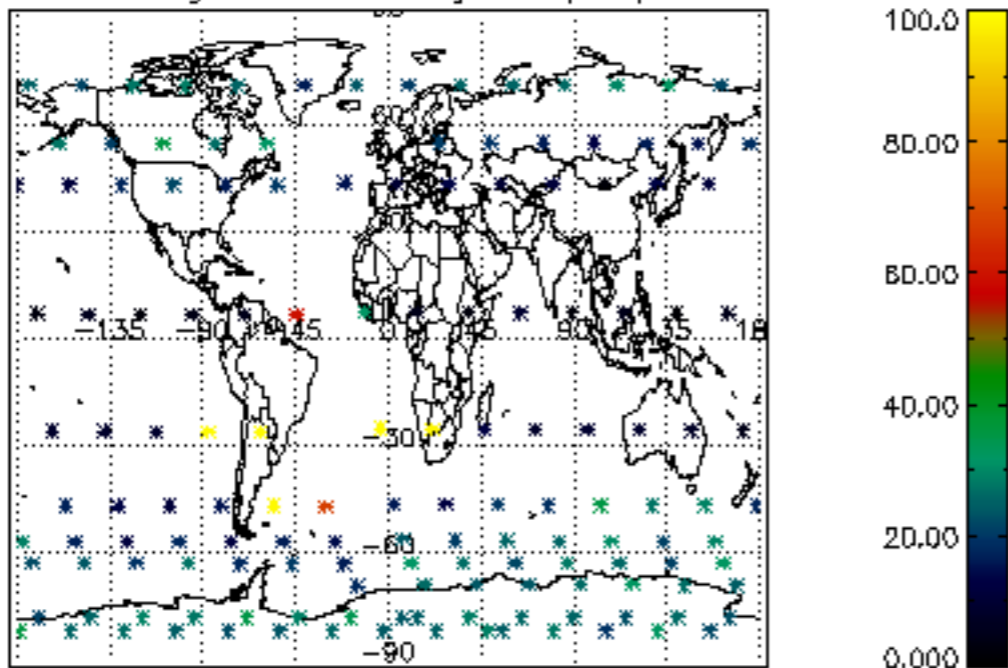
Percentage of flagged data per NO3 profile



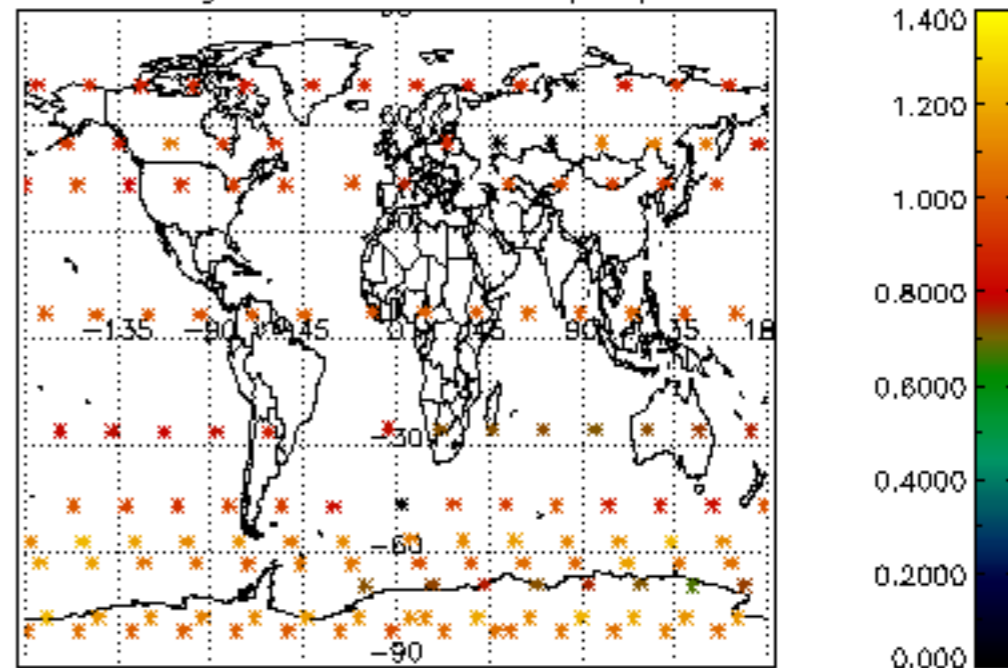




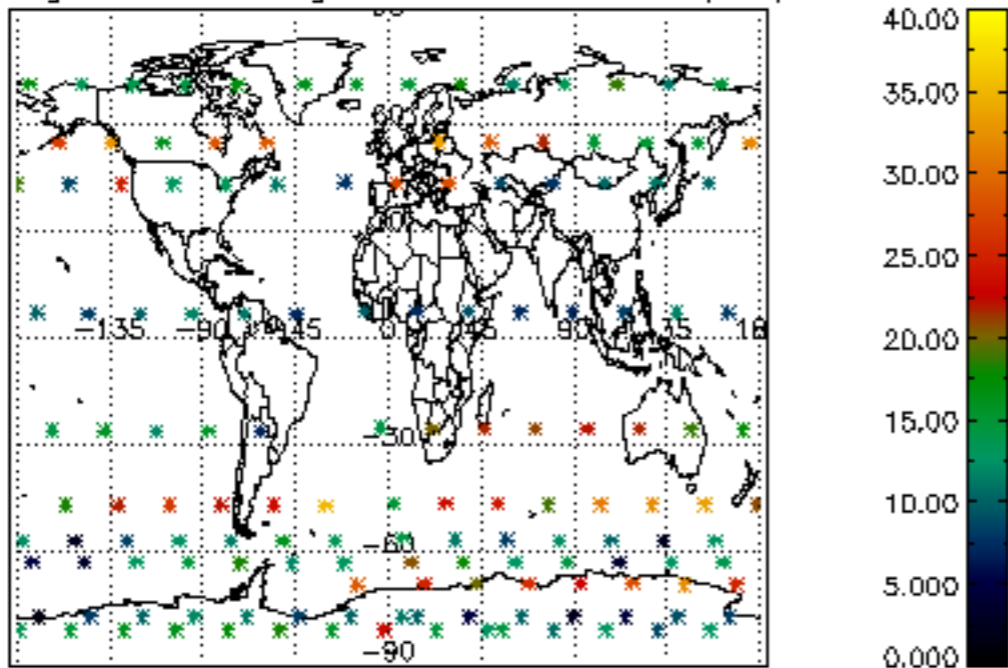
Percentage of cosmic ray hits per profile



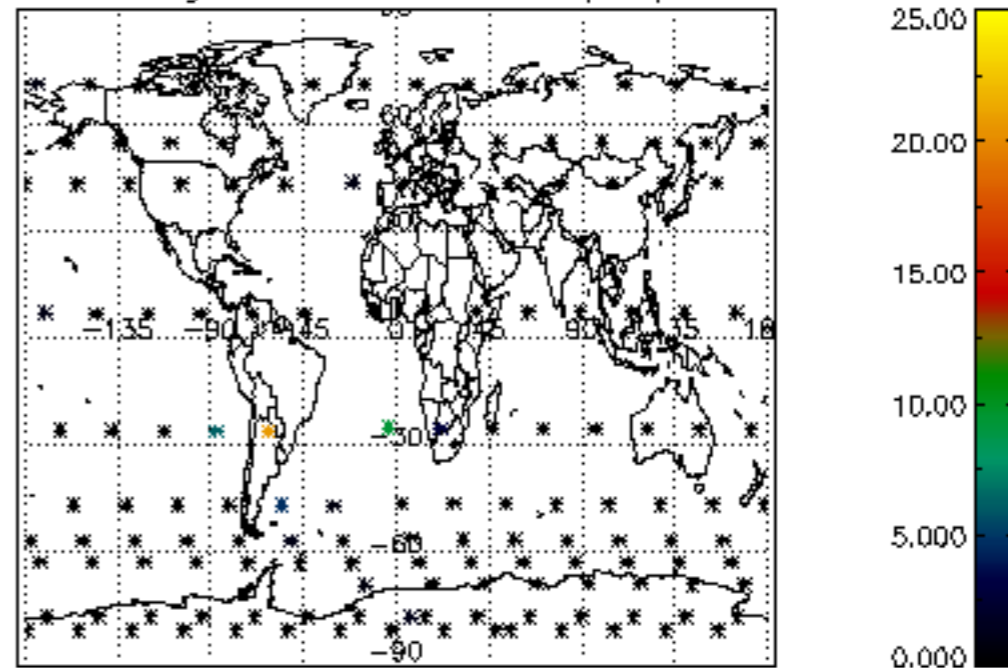
Percentage of datation errors per profile



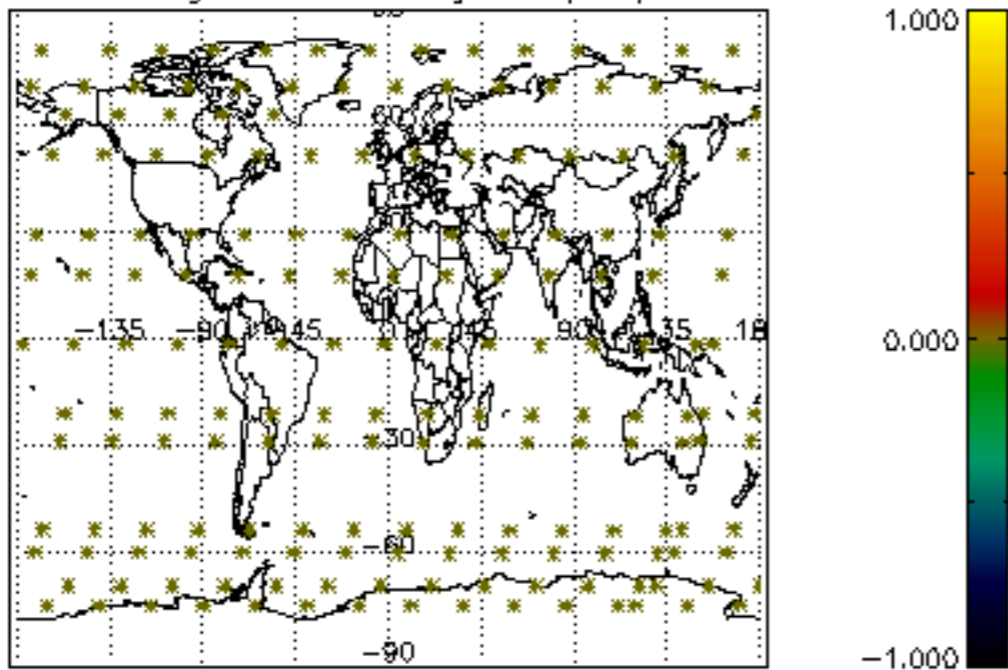
Percentage of star falling outside central band per profile



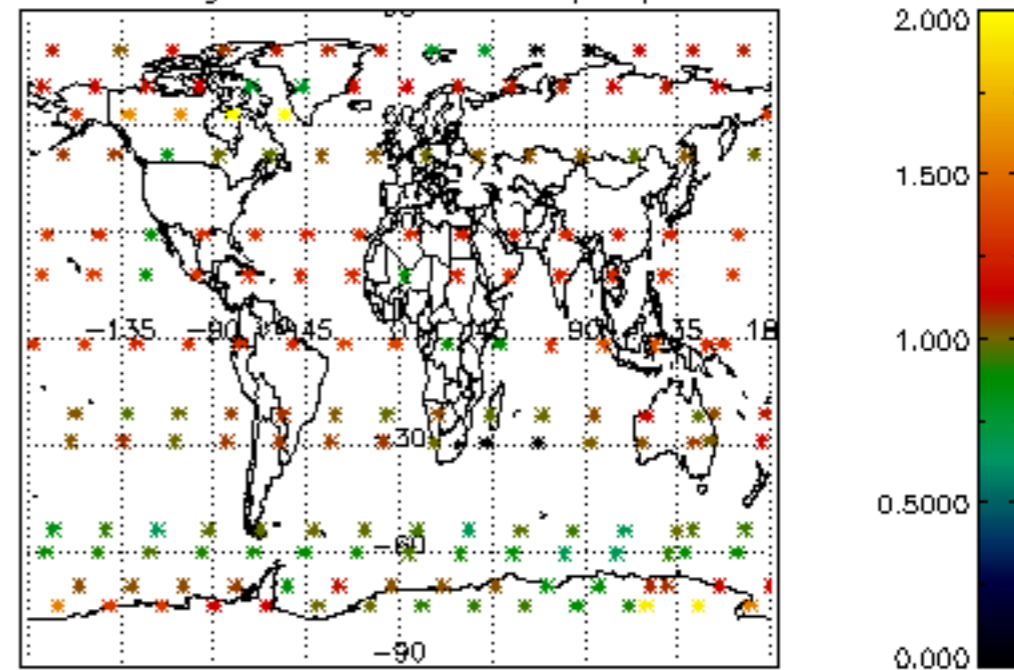
Percentage of saturation errors per profile



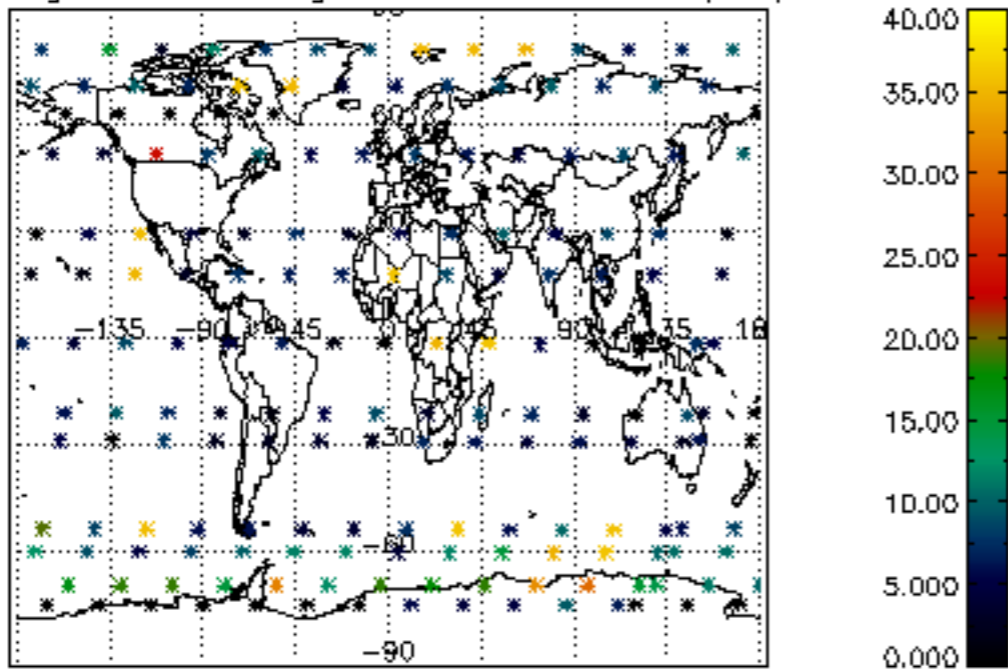
Percentage of cosmic ray hits per profile



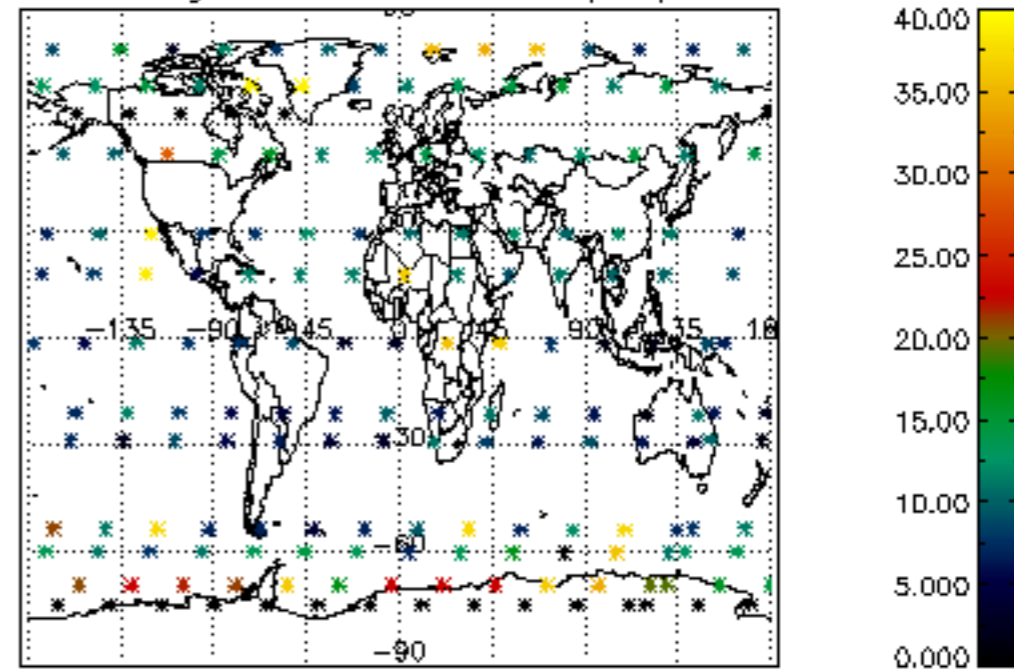
Percentage of datation errors per profile

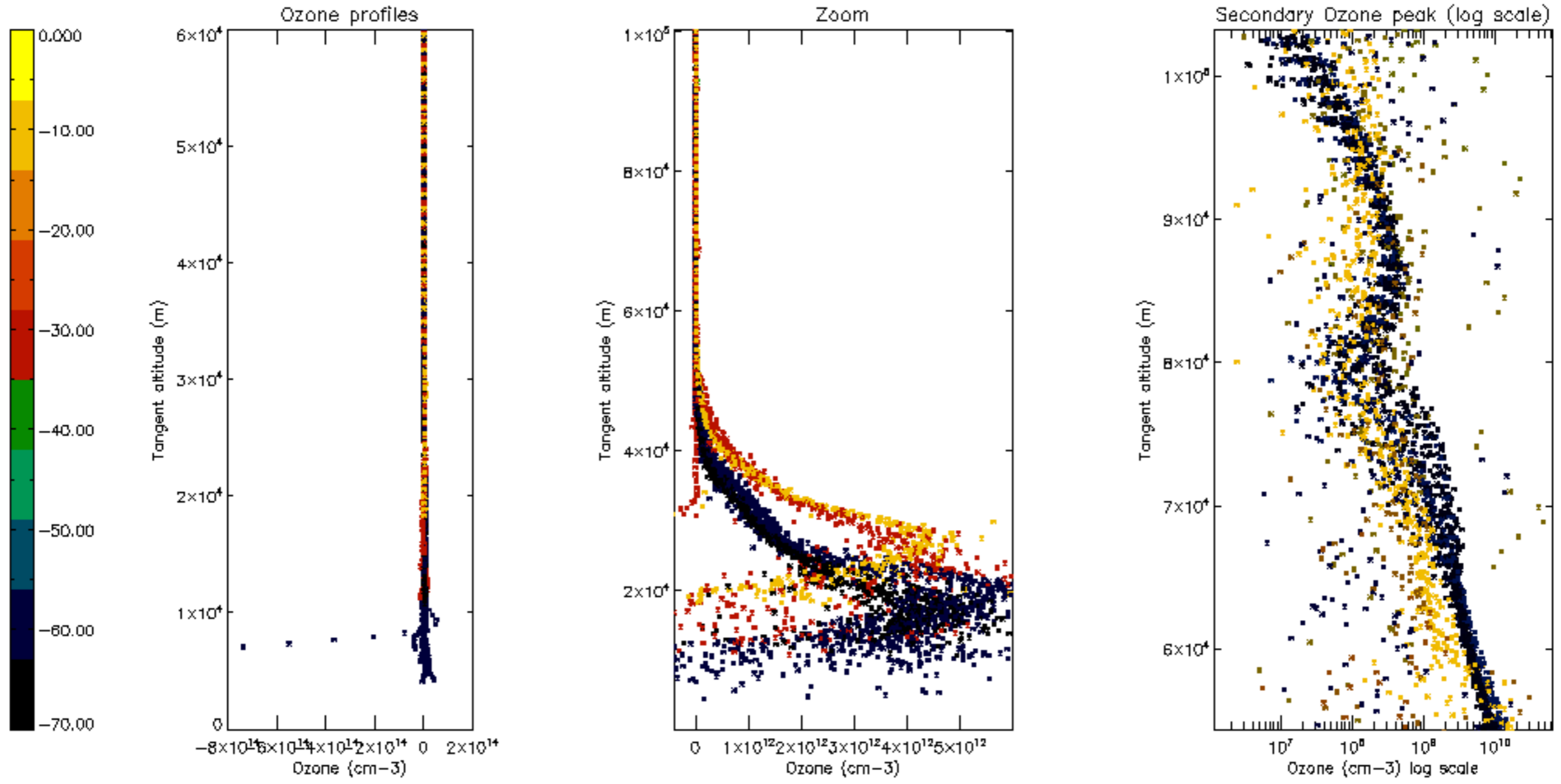


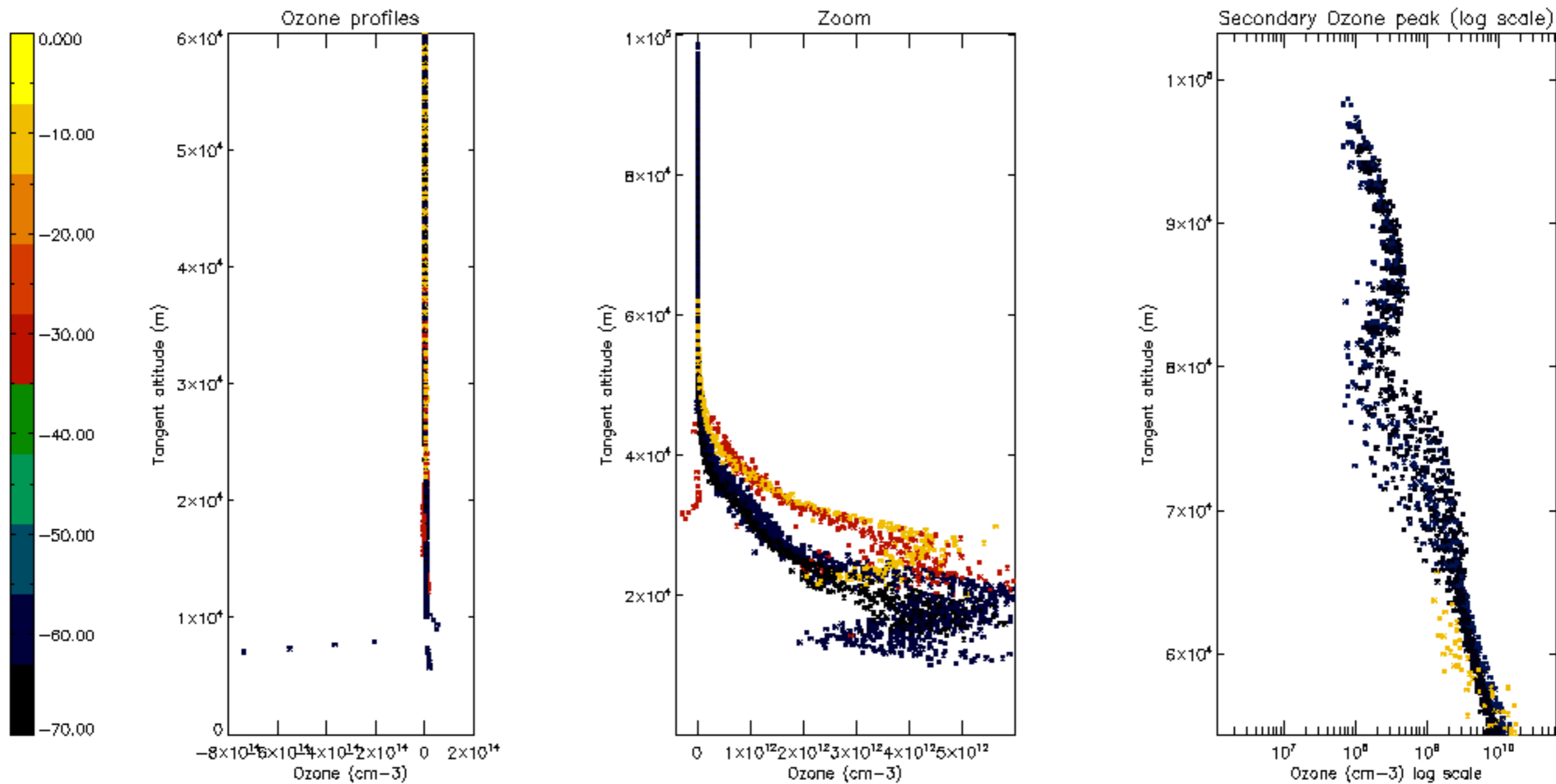
Percentage of star falling outside central band per profile

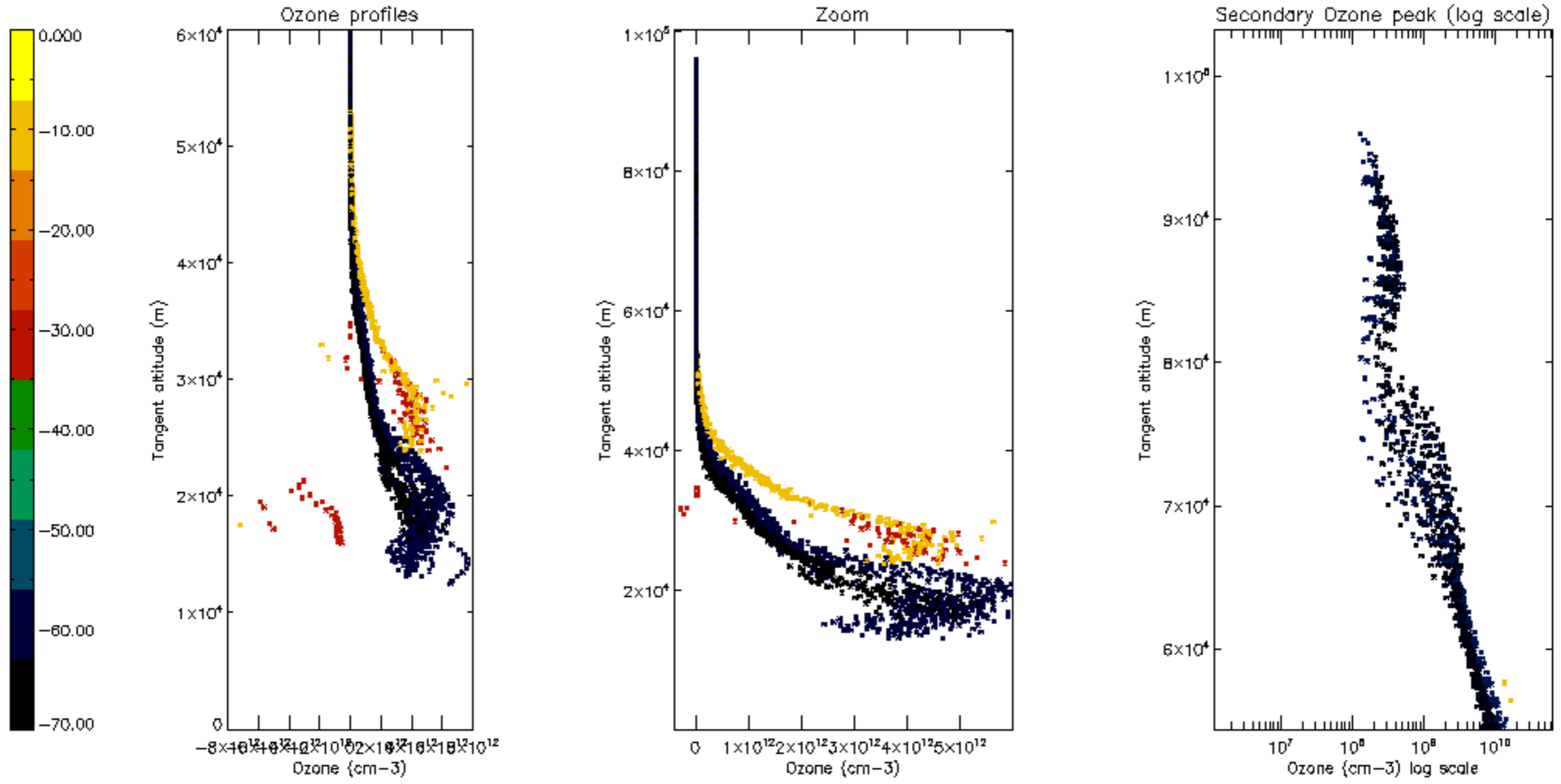


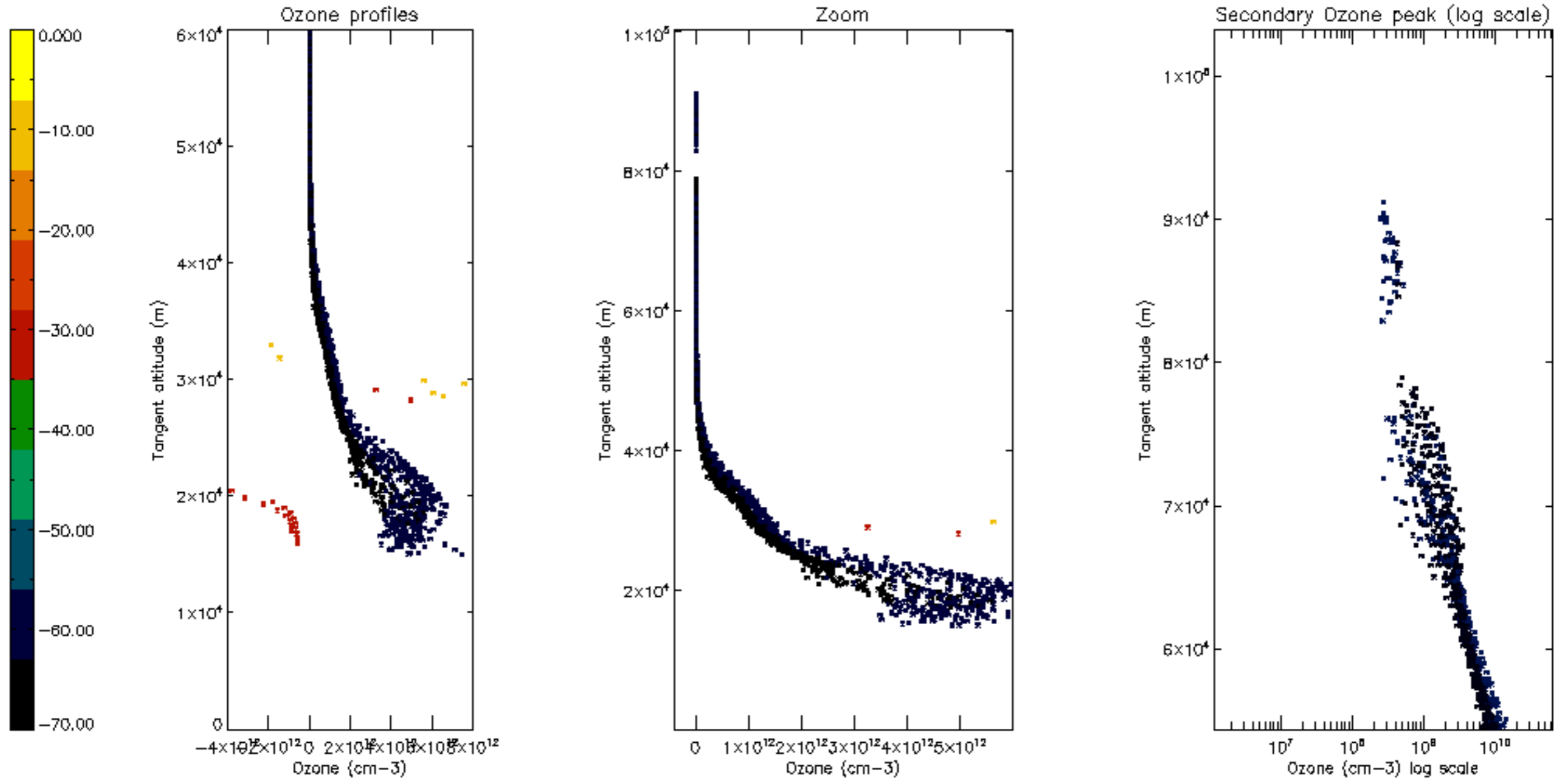
Percentage of saturation errors per profile

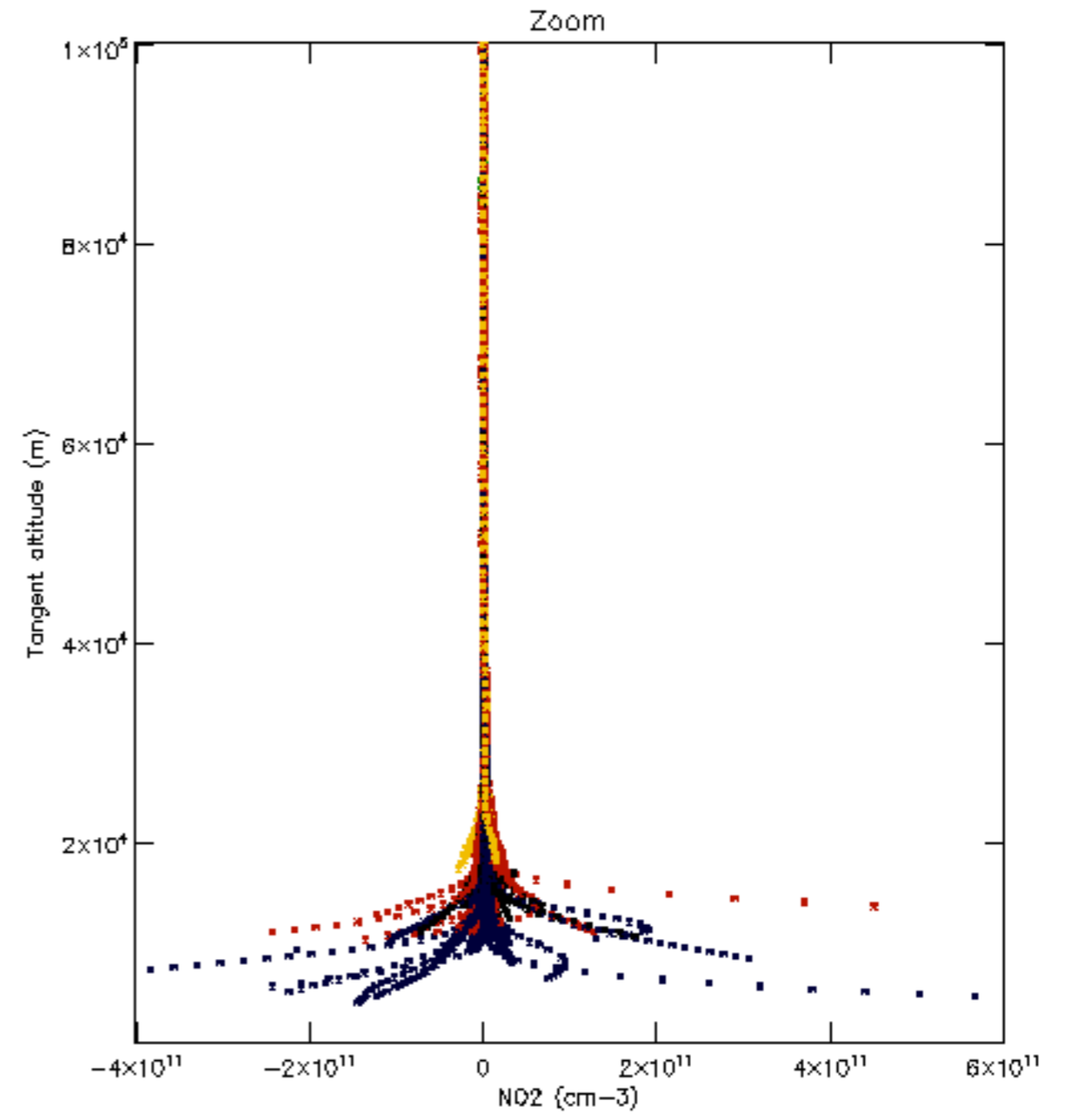
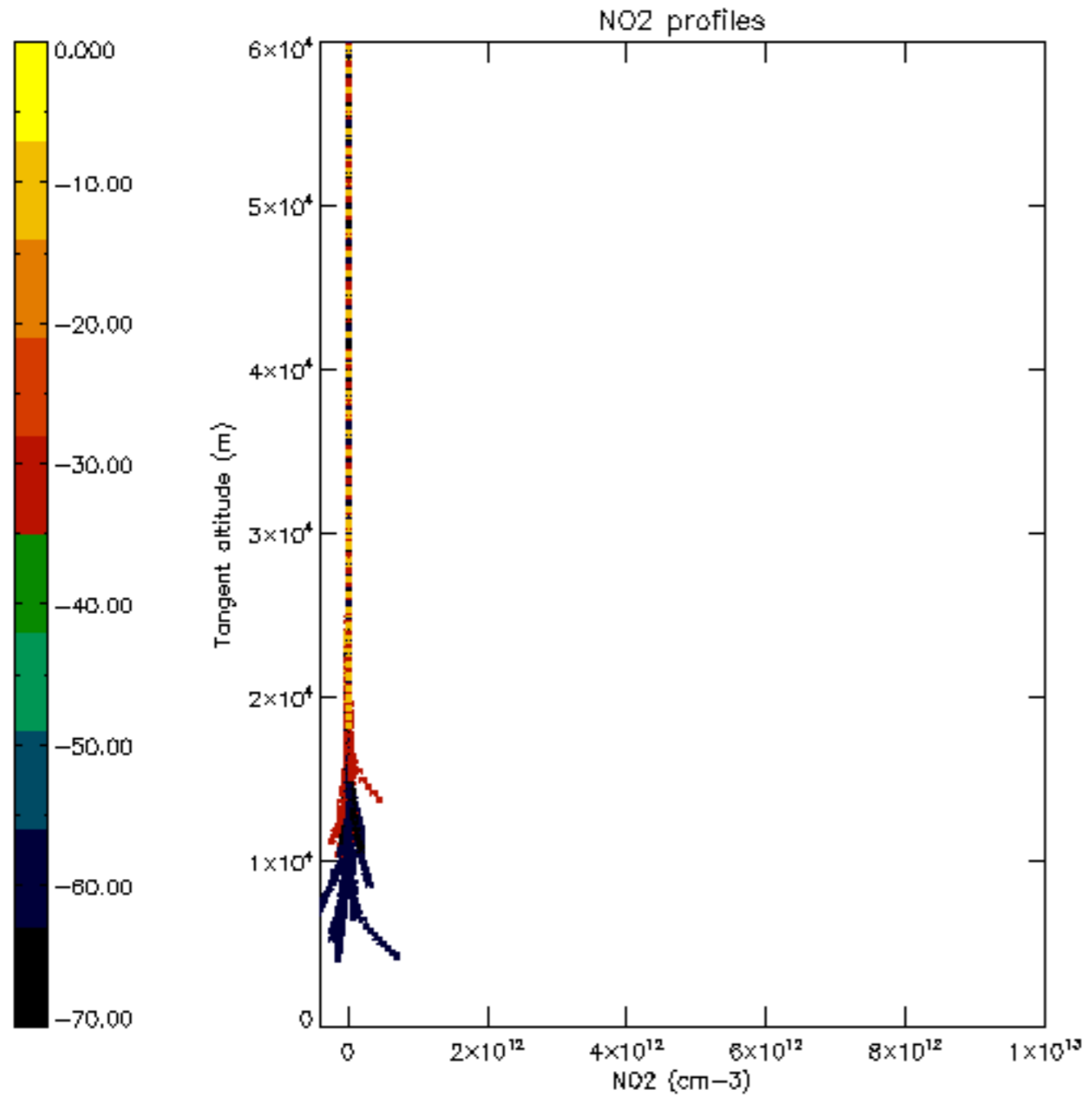


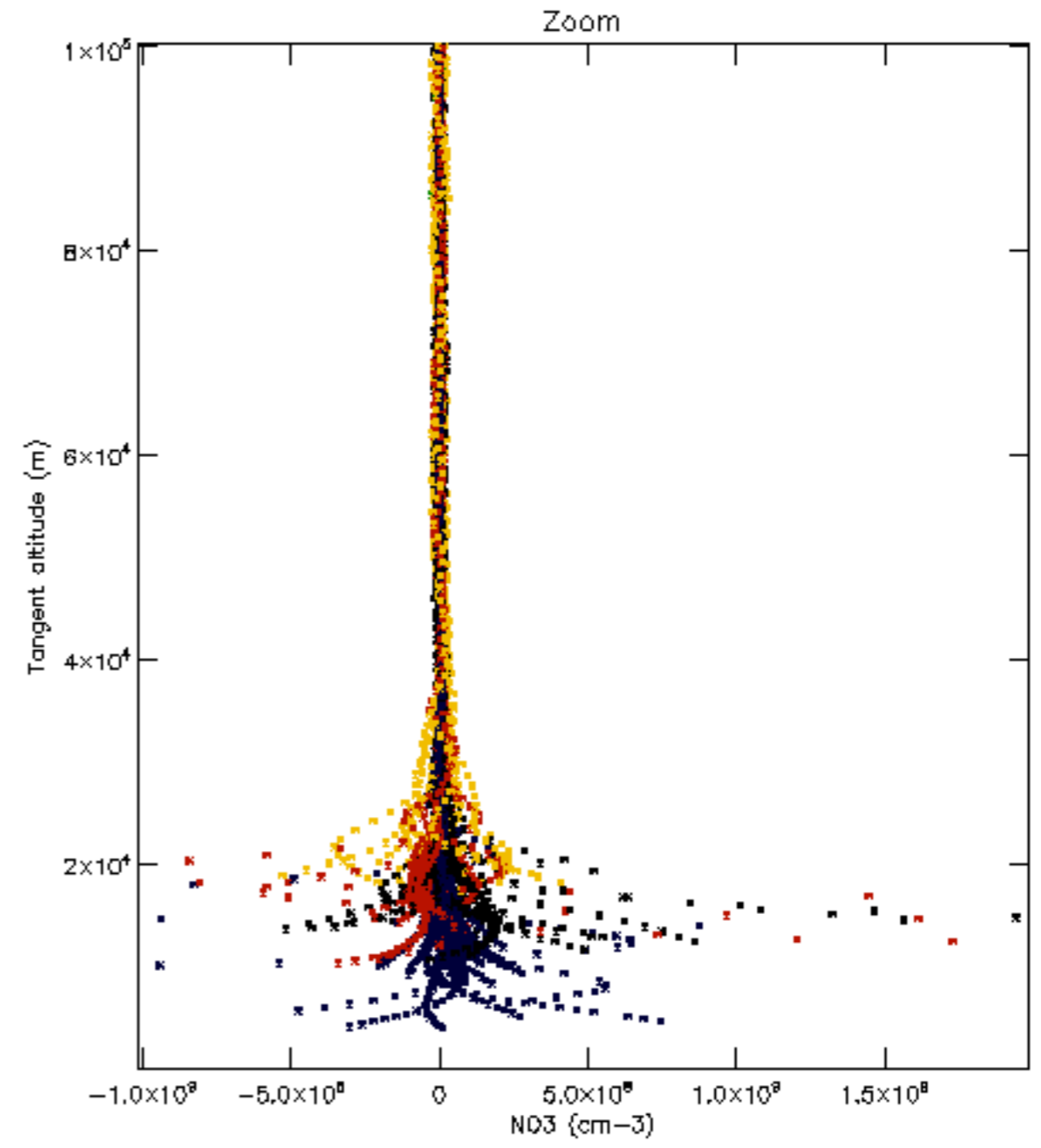
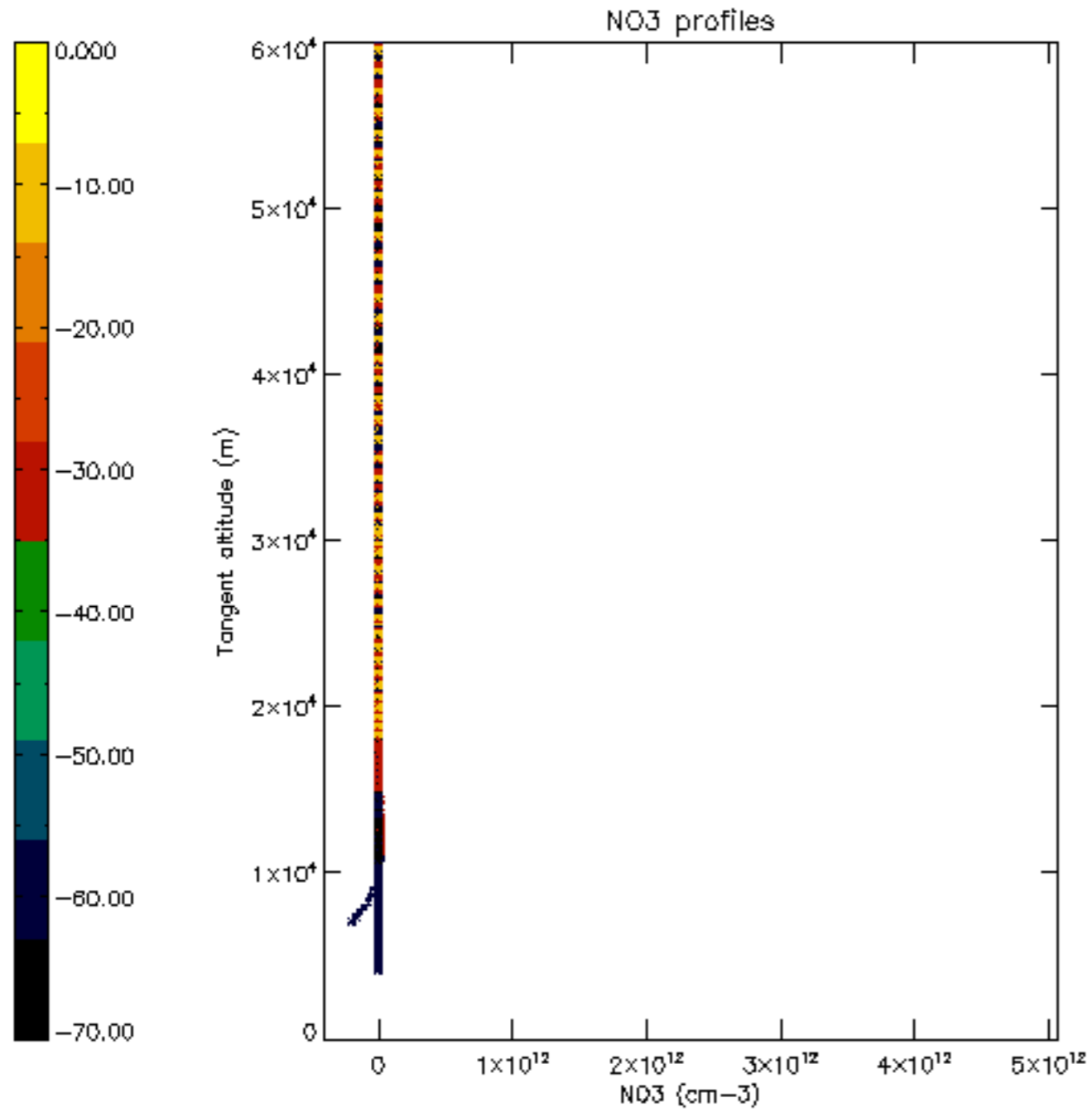


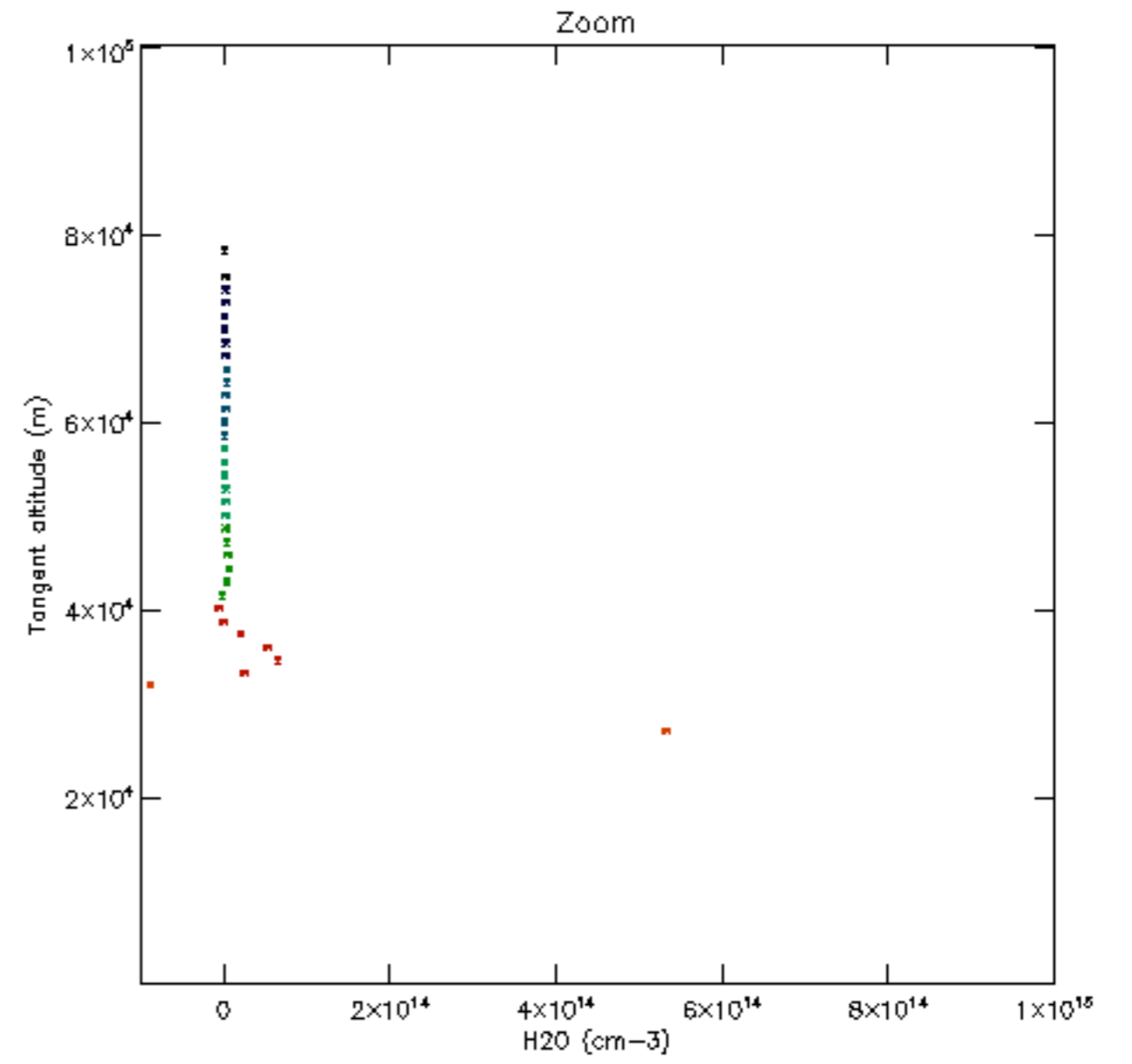
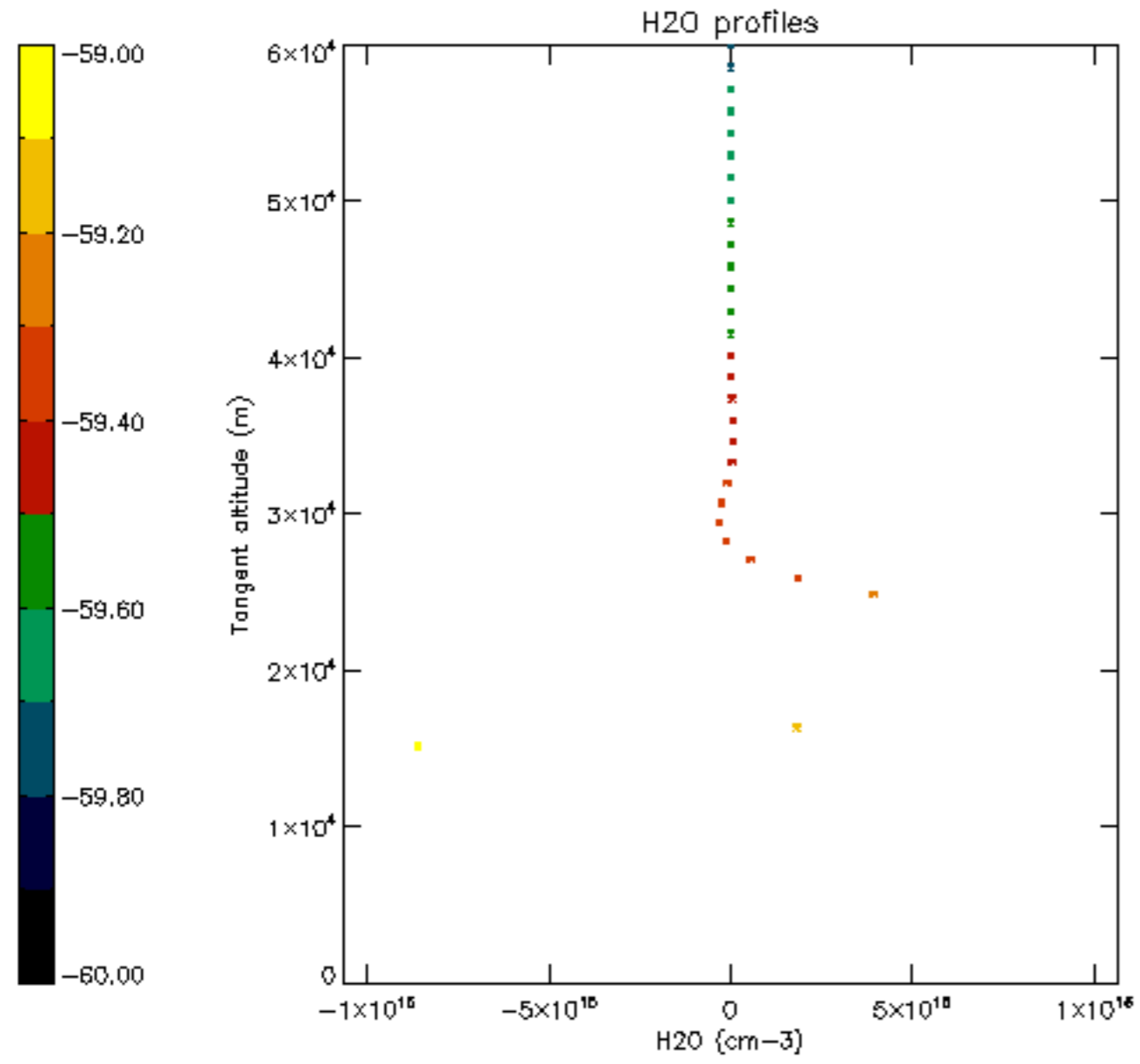


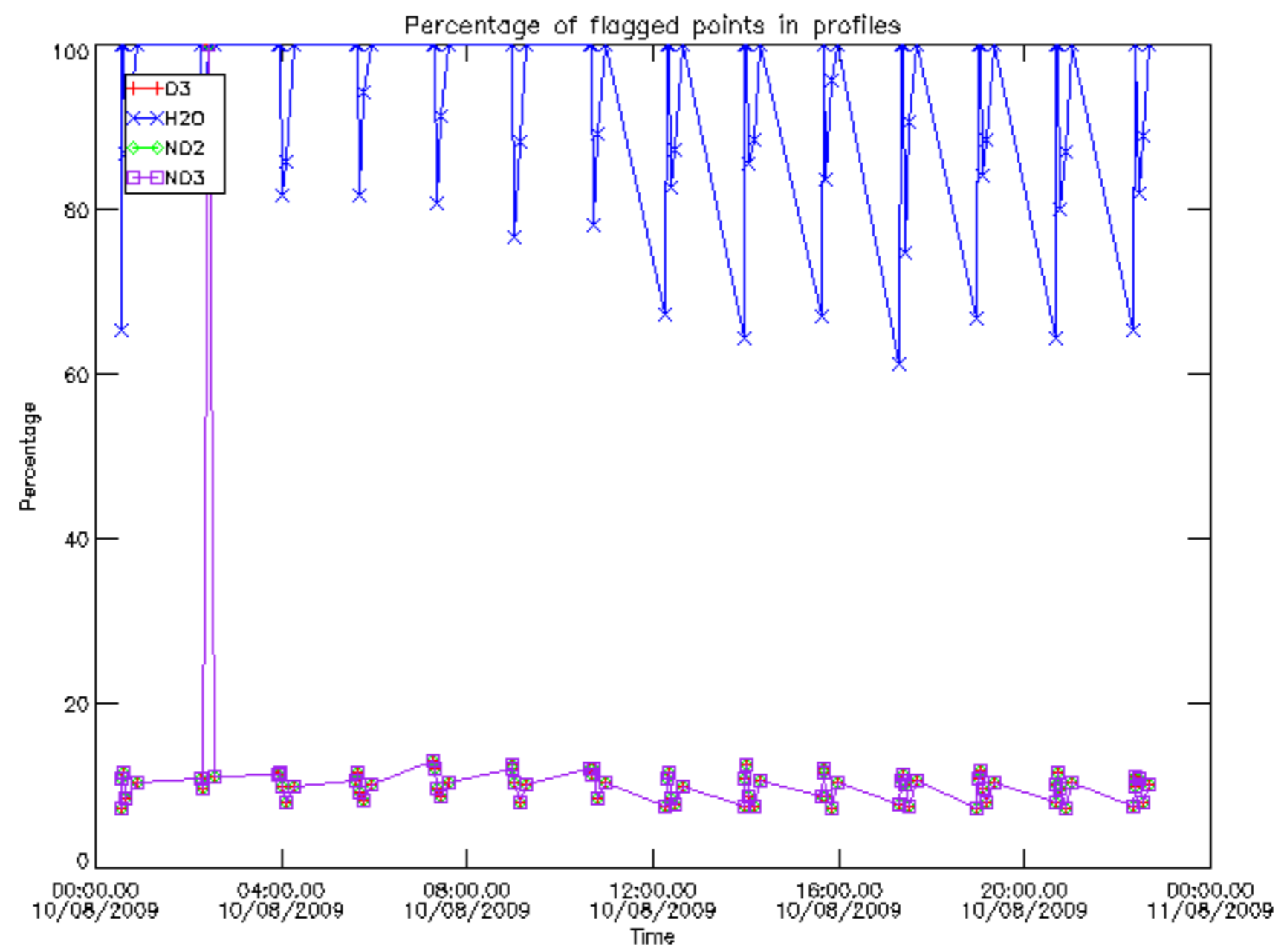




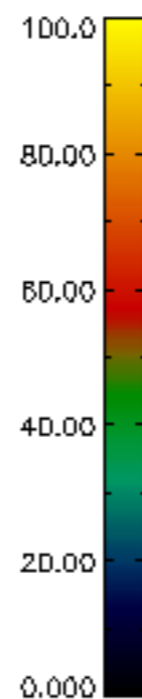
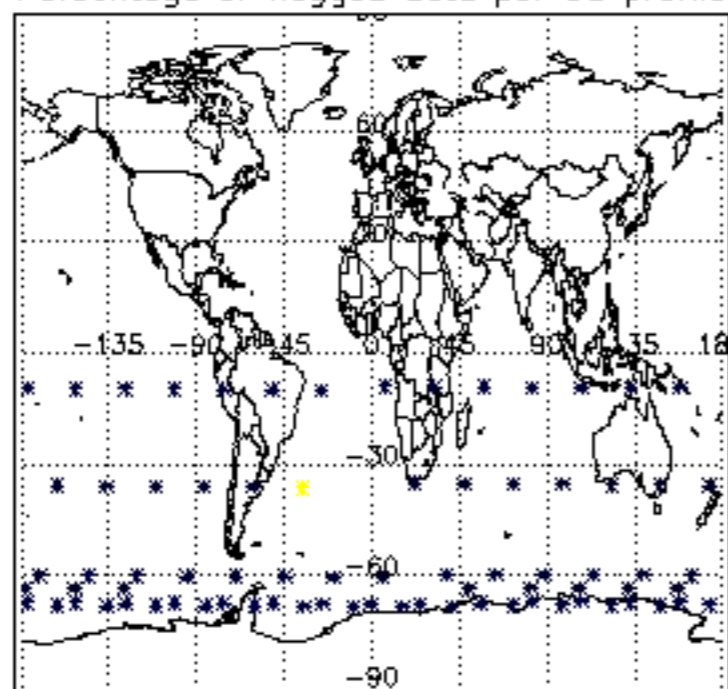




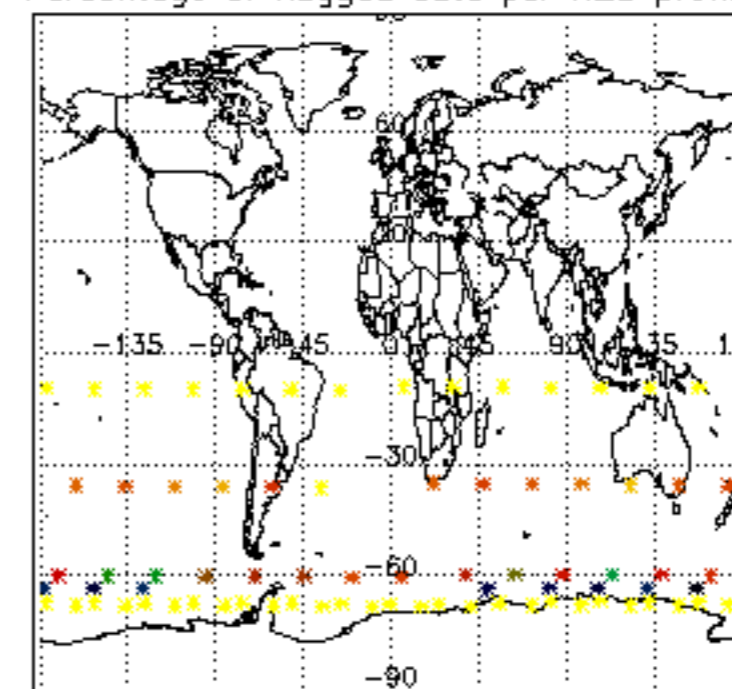




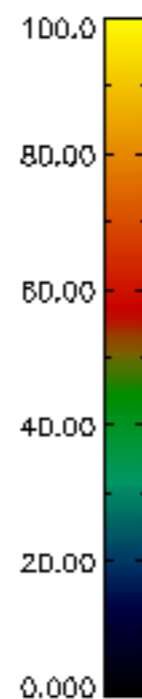
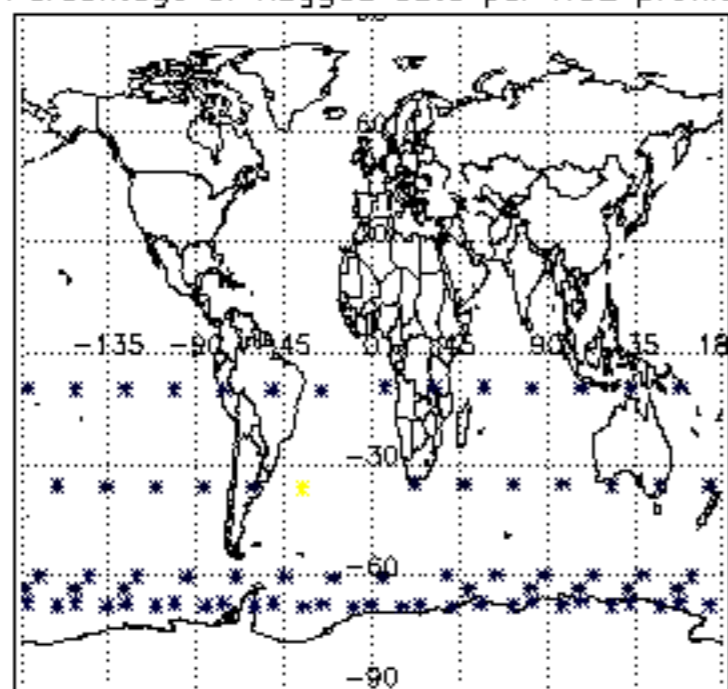
Percentage of flagged data per D3 profile



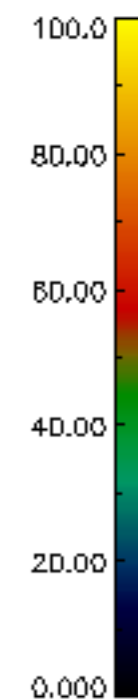
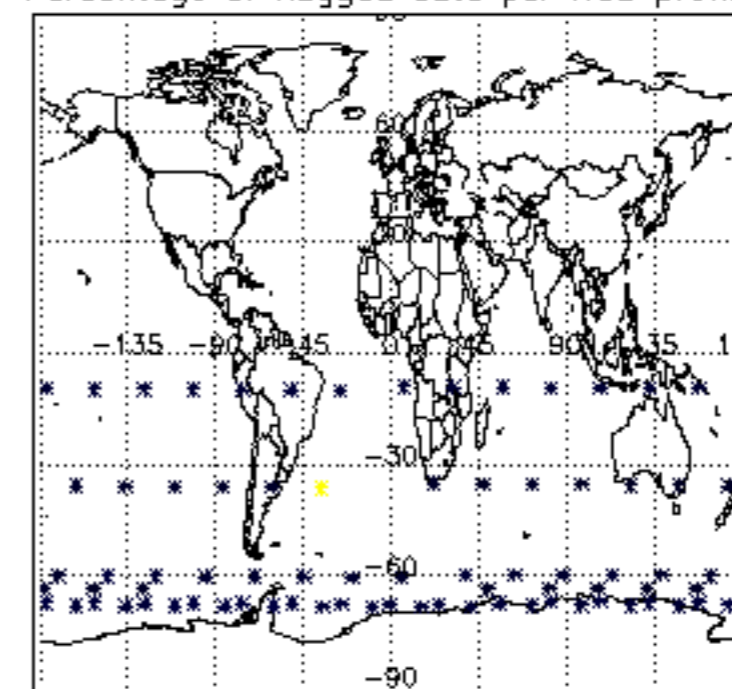
Percentage of flagged data per H2O profile

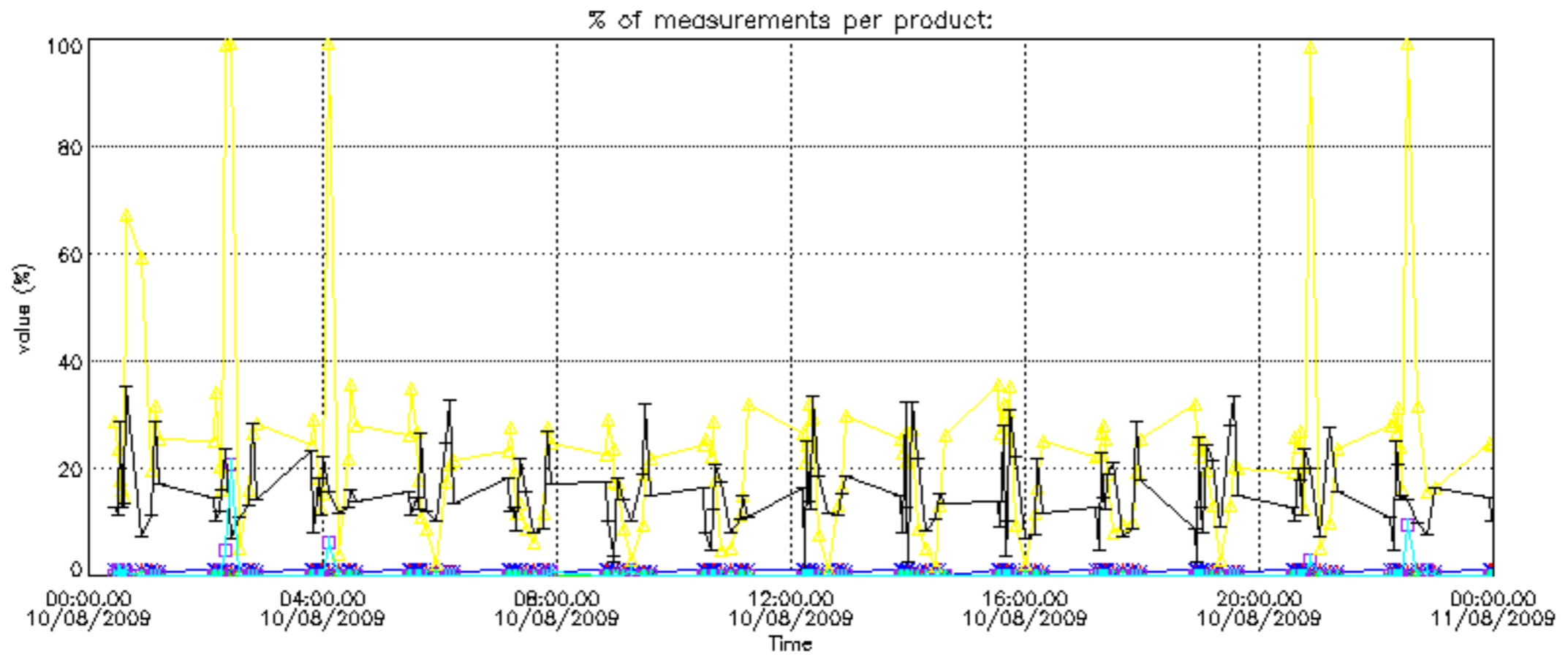


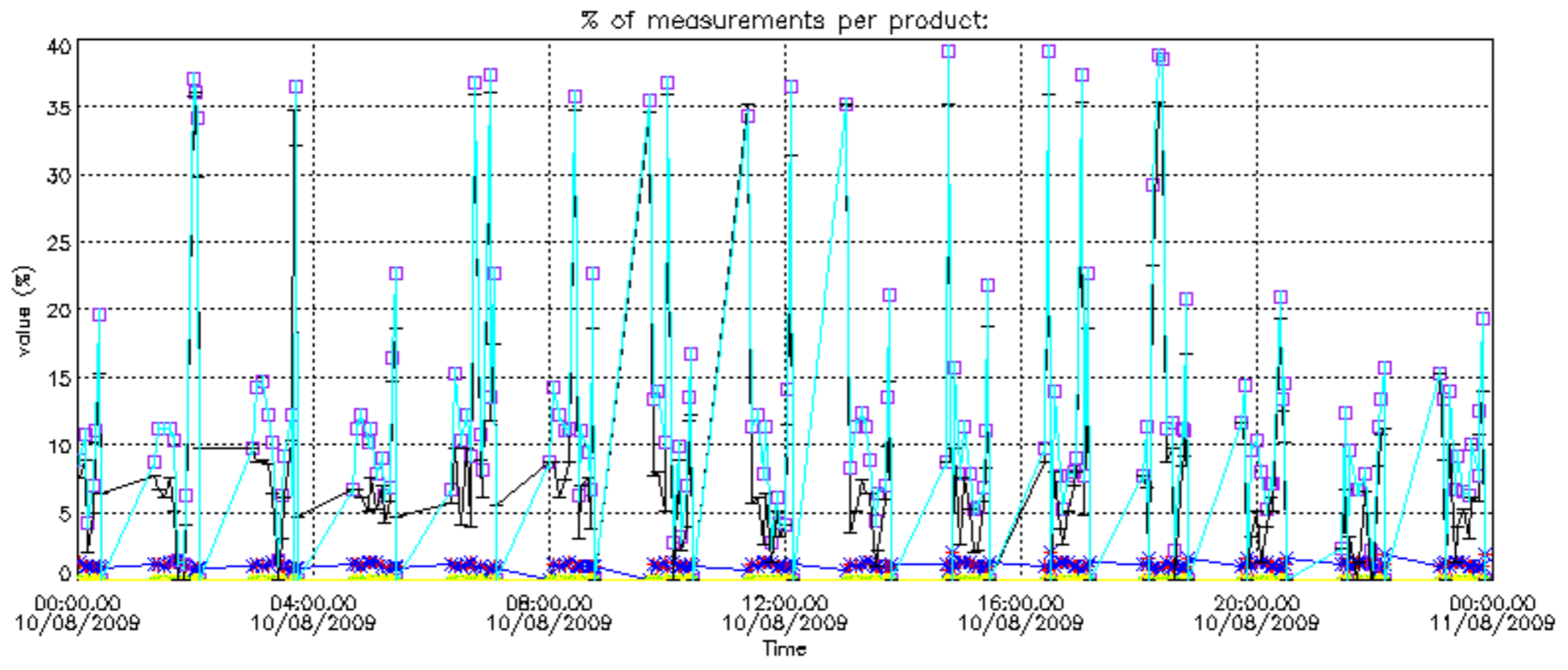
Percentage of flagged data per NO2 profile



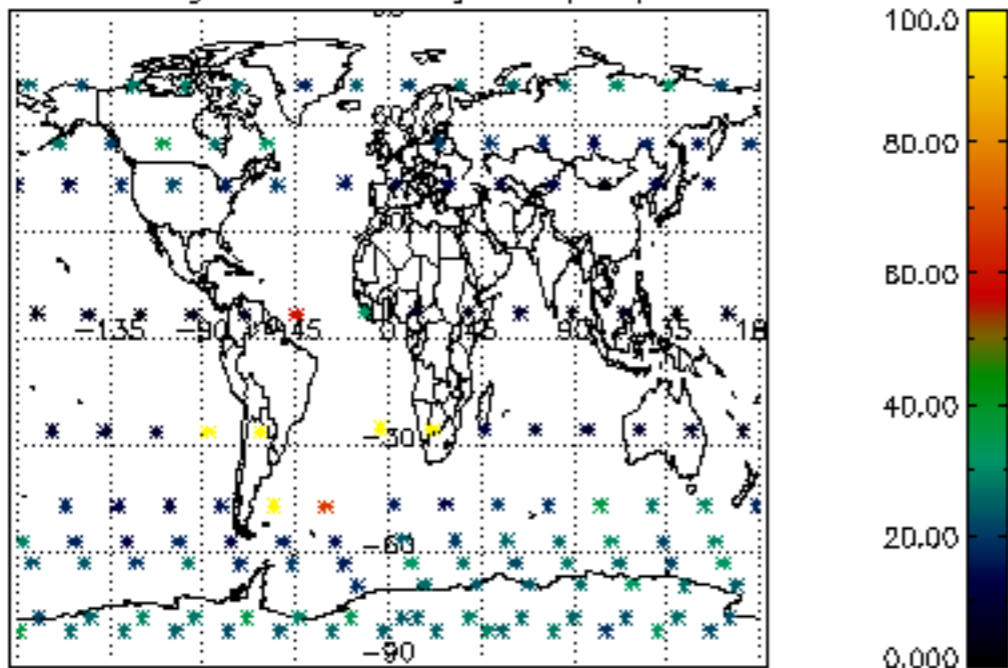
Percentage of flagged data per NO3 profile



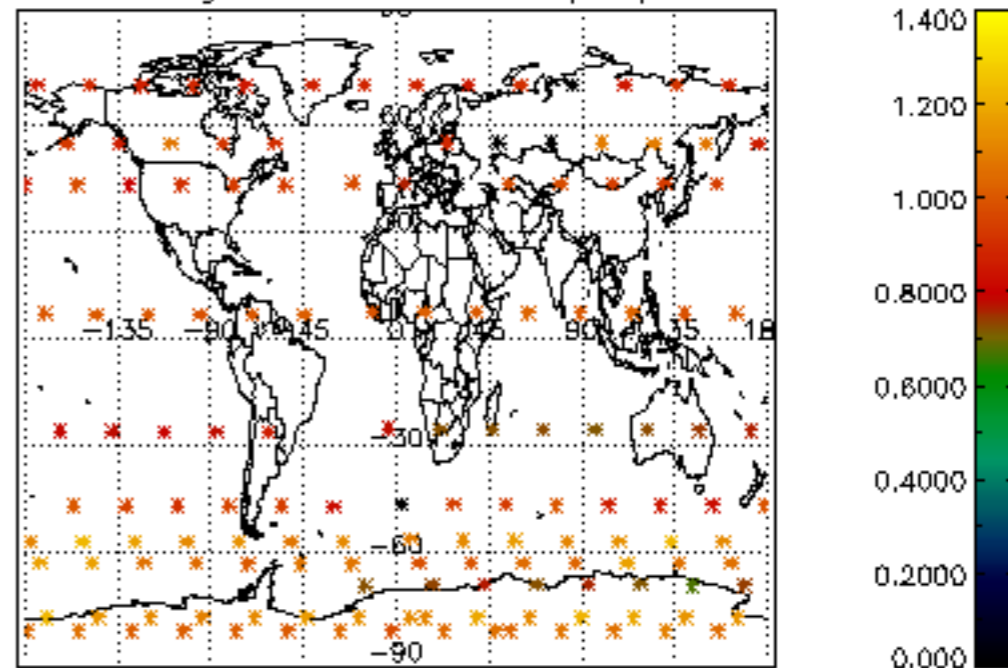




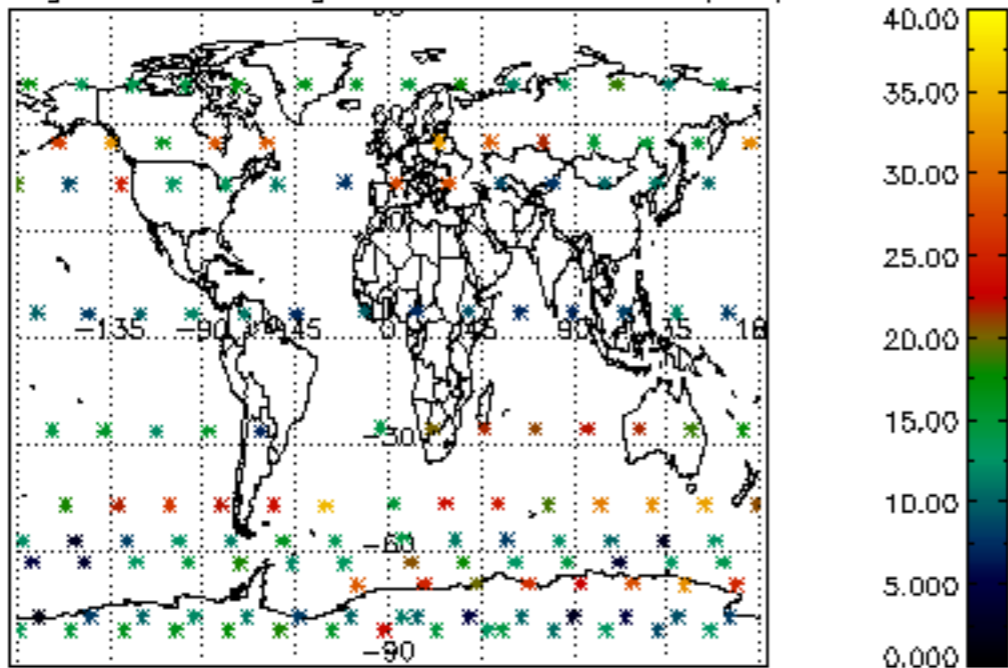
Percentage of cosmic ray hits per profile



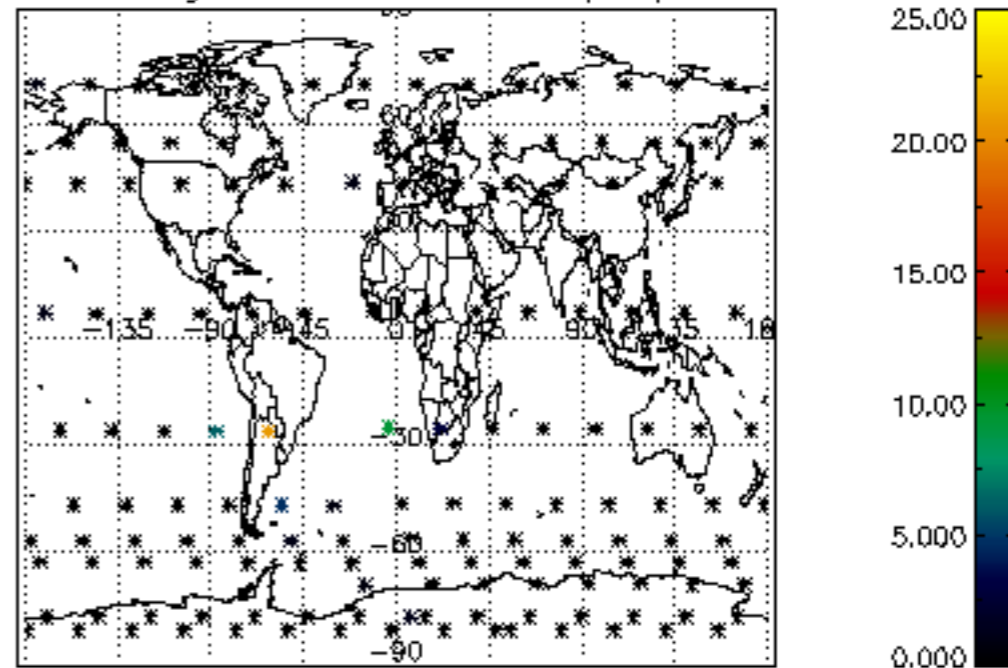
Percentage of datation errors per profile



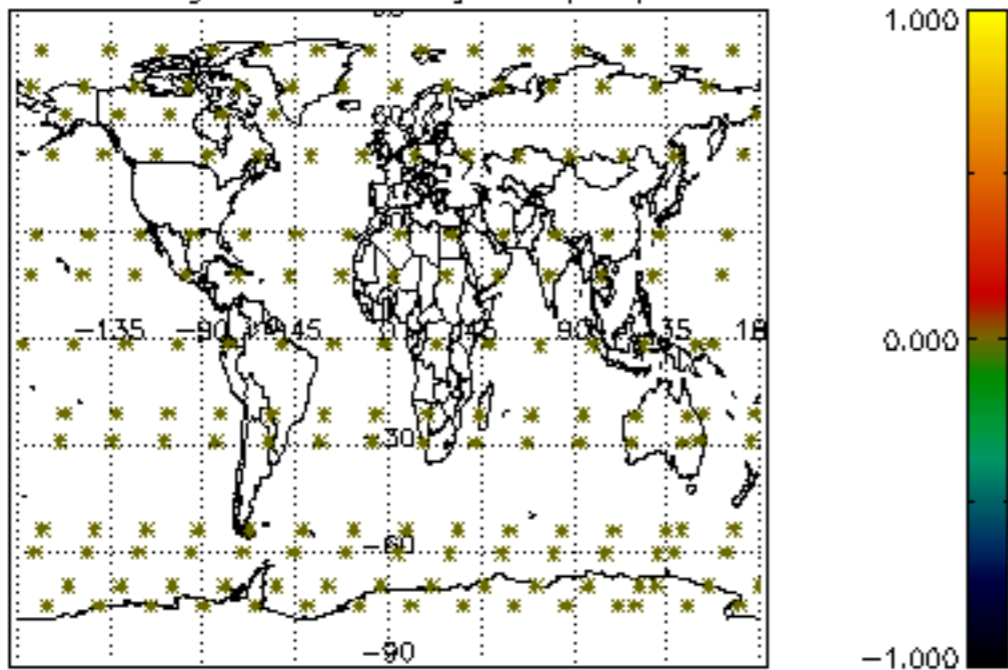
Percentage of star falling outside central band per profile



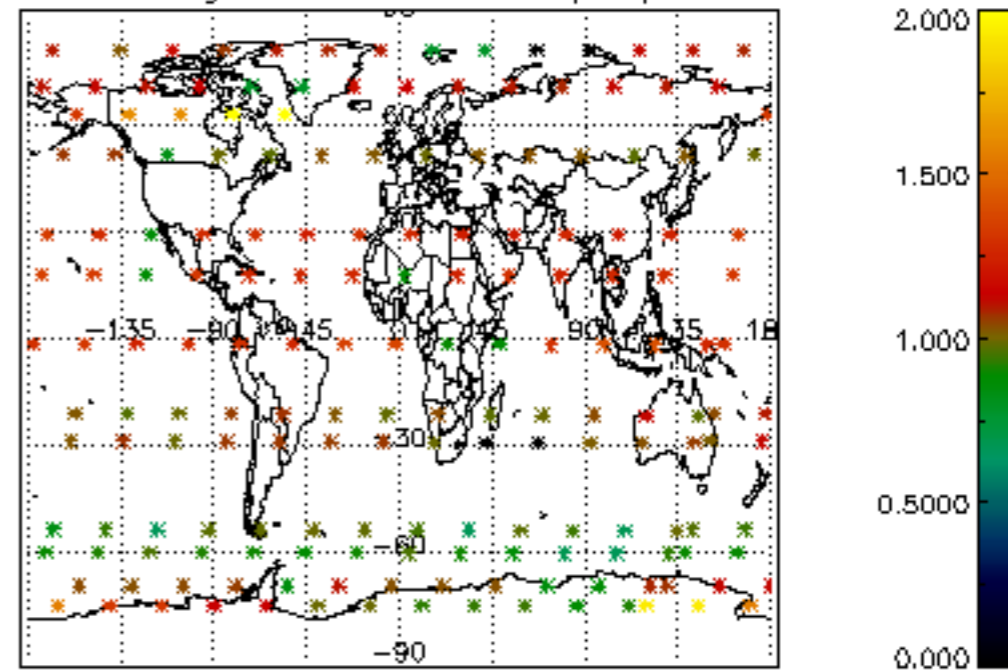
Percentage of saturation errors per profile



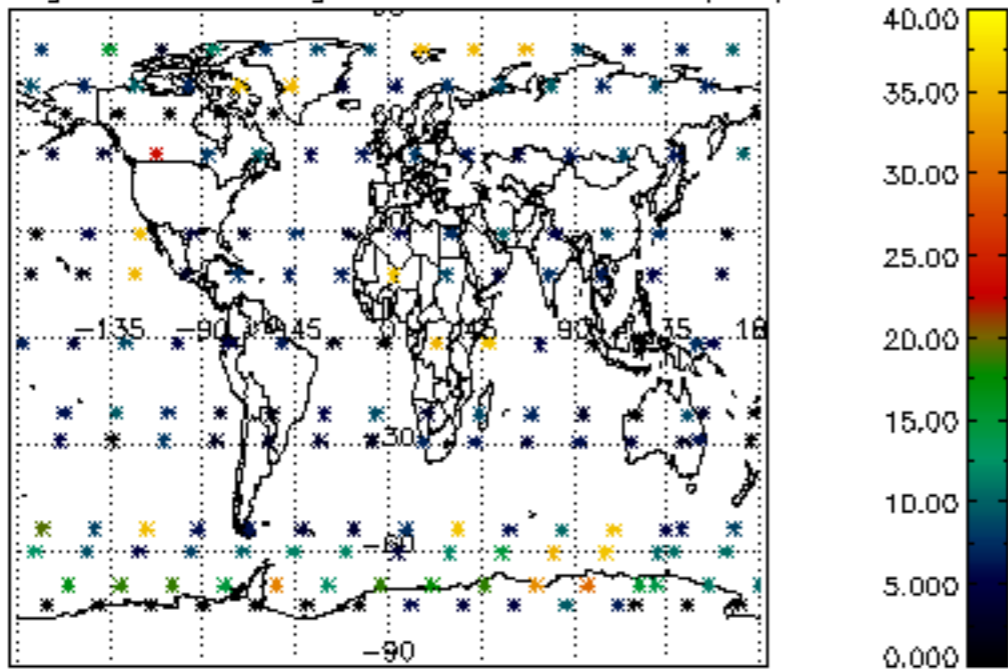
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

