

# GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	29APR2013 14:16:16
Data source version	GOMOS/6.01
Start time of products	16-08-2010 (16AUG2010 00:00:00)
Stop time of products	17-08-2010 (17AUG2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	316
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__2PRFIN20100816_000444_00000522092_00088_44230_5287.N1	16-AUG-2010 00:04:44	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	44230	No
2	GOM_NL__2PRFIN20100816_000821_00000462092_00088_44230_5288.N1	16-AUG-2010 00:08:21	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	44230	No
3	GOM_NL__2PRFIN20100816_001217_00000532092_00088_44230_5289.N1	16-AUG-2010 00:12:17	Twilight_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	44230	No
4	GOM_NL__2PRFIN20100816_001759_000004432092_00088_44230_5290.N1	16-AUG-2010 00:17:59	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	44230	No
5	GOM_NL__2PRFIN20100816_002128_00000442092_00088_44230_5291.N1	16-AUG-2010 00:21:28	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	44230	No
6	GOM_NL__2PRFIN20100816_002332_00000512092_00088_44230_5292.N1	16-AUG-2010 00:23:32	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	44230	No
7	GOM_NL__2PRFIN20100816_002643_00000472092_00088_44230_5293.N1	16-AUG-2010 00:26:43	Bright	46.500	61	8Eps Peg	2.1000	3900.0	93	44230	No
8	GOM_NL__2PRFIN20100816_003312_00000372092_00088_44230_5294.N1	16-AUG-2010 00:33:12	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	44230	No
9	GOM_NL__2PRFIN20100816_003446_00000392092_00088_44230_5295.N1	16-AUG-2010 00:34:46	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	44230	No
10	GOM_NL__2PRFIN20100816_003624_00000392092_00088_44230_5296.N1	16-AUG-2010 00:36:24	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	44230	No
11	GOM_NL__2PRFIN20100816_004145_00000392092_00088_44230_5297.N1	16-AUG-2010 00:41:45	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44230	No
12	GOM_NL__2PRFIN20100816_010122_00000622092_00088_44230_5298.N1	16-AUG-2010 01:01:22	Bright	62.000	6	13Alp Aur	0.080000	3400.0	124	44230	No
13	GOM_NL__2PRFIN20100816_010414_00000402092_00088_44230_5299.N1	16-AUG-2010 01:04:14	Bright	40.000	107	37The Aur	2.6490	11000.	80	44230	No
14	GOM_NL__2PRFIN20100816_010720_00000482092_00088_44230_5300.N1	16-AUG-2010 01:07:20	Twilight_stray	48.000	28	12Bet Tau	1.6500	15200.	96	44230	No
15	GOM_NL__2PRFIN20100816_011008_00000392092_00088_44230_5301.N1	16-AUG-2010 01:10:08	Twilight_stray	39.000	44	24Gam Gem	1.9280	11000.	78	44230	No
16	GOM_NL__2PRFIN20100816_011338_00000512092_00088_44230_5302.N1	16-AUG-2010 01:13:38	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	44230	No
17	GOM_NL__2PRFIN20100816_011649_00000512092_00088_44230_5303.N1	16-AUG-2010 01:16:49	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	44230	No
18	GOM_NL__2PRFIN20100816_011813_00000452092_00088_44230_5304.N1	16-AUG-2010 01:18:13	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	44230	No
19	GOM_NL__2PRFIN20100816_011947_00000662092_00088_44230_5305.N1	16-AUG-2010 01:19:47	Dark	66.000	7	19Bet Ori	0.10000	14000.	132	44230	No
20	GOM_NL__2PRFIN20100816_012139_00000442092_00088_44230_5306.N1	16-AUG-2010 01:21:39	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	44230	No
21	GOM_NL__2PRFIN20100816_013528_00000502092_00089_44231_5299.N1	16-AUG-2010 01:35:28	Dark	50.000	157	The1Eri	2.9060	9300.0	100	44231	No
22	GOM_NL__2PRFIN20100816_013937_00000452092_00089_44231_5300.N1	16-AUG-2010 01:39:37	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44231	No
23	GOM_NL__2PRFIN20100816_014521_00000652092_00089_44231_5301.N1	16-AUG-2010 01:45:21	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	44231	No
24	GOM_NL__2PRFIN20100816_014857_00000452092_00089_44231_5302.N1	16-AUG-2010 01:48:57	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	44231	No
25	GOM_NL__2PRFIN20100816_015254_00000582092_00089_44231_5303.N1	16-AUG-2010 01:52:54	Twilight_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	44231	No
26	GOM_NL__2PRFIN20100816_015835_00000592092_00089_44231_5304.N1	16-AUG-2010 01:58:35	Bright	59.000	142	49Del Cap	2.8500	8900.0	118	44231	No
27	GOM_NL__2PRFIN20100816_020204_00000432092_00089_44231_5305.N1	16-AUG-2010 02:02:04	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44231	No
28	GOM_NL__2PRFIN20100816_020407_00000512092_00089_44231_5306.N1	16-AUG-2010 02:04:07	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	44231	No
29	GOM_NL__2PRFIN20100816_020719_00000452092_00089_44231_5307.N1	16-AUG-2010 02:07:19	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44231	No
30	GOM_NL__2PRFIN20100816_021347_00000402092_00089_44231_5308.N1	16-AUG-2010 02:13:47	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	44231	No
31	GOM_NL__2PRFIN20100816_021522_00000392092_00089_44231_5309.N1	16-AUG-2010 02:15:22	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	44231	No
32	GOM_NL__2PRFIN20100816_021700_00000412092_00089_44231_5310.N1	16-AUG-2010 02:17:00	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	44231	No
33	GOM_NL__2PRFIN20100816_022221_00000362092_00089_44231_5311.N1	16-AUG-2010 02:22:21	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	44231	No
34	GOM_NL__2PRFIN20100816_024158_00000512092_00089_44231_5312.N1	16-AUG-2010 02:41:58	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	44231	No
35	GOM_NL__2PRFIN20100816_024450_00000542092_00089_44231_5313.N1	16-AUG-2010 02:44:50	Bright	54.000	107	37The Aur	2.6490	11000.	108	44231	No
36	GOM_NL__2PRFIN20100816_024756_00000512092_00089_44231_5314.N1	16-AUG-2010 02:47:56	Twilight_stray	51.000	28	12Bet Tau	1.6500	15200.	102	44231	No
37	GOM_NL__2PRFIN20100816_025044_00000392092_00089_44231_5315.N1	16-AUG-2010 02:50:44	Twilight_stray	38.500	44	24Gam Gem	1.9280	11000.	77	44231	No
38	GOM_NL__2PRFIN20100816_025414_00000532092_00089_44231_5316.N1	16-AUG-2010 02:54:14	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	44231	No
39	GOM_NL__2PRFIN20100816_025725_00000482092_00089_44231_5317.N1	16-AUG-2010 02:57:25	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	44231	No
40	GOM_NL__2PRFIN20100816_030024_00000532092_00089_44231_5318.N1	16-AUG-2010 03:00:24	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	44231	No
41	GOM_NL__2PRFIN20100816_030216_00000462092_00089_44231_5319.N1	16-AUG-2010 03:02:16	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	44231	No
42	GOM_NL__2PRFIN20100816_031605_00000492092_00090_44232_5312.N1	16-AUG-2010 03:16:05	Dark	49.000	157	The1Eri	2.9060	9300.0	98	44232	No

43	GOM_NL__2PRFIN20100816_032014_000000472092_00090_44232_5313.N1	16-AUG-2010 03:20:14	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44232	No
44	GOM_NL__2PRFIN20100816_032558_000000562092_00090_44232_5314.N1	16-AUG-2010 03:25:58	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44232	No
45	GOM_NL__2PRFIN20100816_032934_000000412092_00090_44232_5315.N1	16-AUG-2010 03:29:34	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	44232	No
46	GOM_NL__2PRFIN20100816_033330_000000632092_00090_44232_5316.N1	16-AUG-2010 03:33:30	Tw_i_and_stray	63.000	18	24Alp PsA	1.1660	9700.0	126	44232	No
47	GOM_NL__2PRFIN20100816_033911_000000452092_00090_44232_5317.N1	16-AUG-2010 03:39:11	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	44232	No
48	GOM_NL__2PRFIN20100816_034239_000000432092_00090_44232_5318.N1	16-AUG-2010 03:42:39	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	44232	No
49	GOM_NL__2PRFIN20100816_034443_000000472092_00090_44232_5319.N1	16-AUG-2010 03:44:43	Bright	47.000	162	34Alp Aqr	2.9440	5350.0	94	44232	No
50	GOM_NL__2PRFIN20100816_034755_000000442092_00090_44232_5320.N1	16-AUG-2010 03:47:55	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	44232	No
51	GOM_NL__2PRFIN20100816_035423_000000382092_00090_44232_5321.N1	16-AUG-2010 03:54:23	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	44232	No
52	GOM_NL__2PRFIN20100816_035558_000000372092_00090_44232_5322.N1	16-AUG-2010 03:55:58	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	44232	No
53	GOM_NL__2PRFIN20100816_035735_000000382092_00090_44232_5323.N1	16-AUG-2010 03:57:35	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	44232	No
54	GOM_NL__2PRFIN20100816_040257_000000372092_00090_44232_5324.N1	16-AUG-2010 04:02:57	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	44232	No
55	GOM_NL__2PRFIN20100816_042234_000000482092_00090_44232_5325.N1	16-AUG-2010 04:22:34	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	44232	No
56	GOM_NL__2PRFIN20100816_042527_000000582092_00090_44232_5326.N1	16-AUG-2010 04:25:27	Bright	58.000	107	37The Aur	2.6490	11000.	116	44232	No
57	GOM_NL__2PRFIN20100816_042832_000000502092_00090_44232_5327.N1	16-AUG-2010 04:28:32	Tw_i_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	44232	No
58	GOM_NL__2PRFIN20100816_043121_000000442092_00090_44232_5328.N1	16-AUG-2010 04:31:21	Tw_i_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	44232	No
59	GOM_NL__2PRFIN20100816_043450_000000522092_00090_44232_5329.N1	16-AUG-2010 04:34:50	Dark	52.000	14	58Alp Ori	0.87000	3000.0	104	44232	No
60	GOM_NL__2PRFIN20100816_043802_000000492092_00090_44232_5330.N1	16-AUG-2010 04:38:02	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	44232	No
61	GOM_NL__2PRFIN20100816_043927_000000462092_00090_44232_5331.N1	16-AUG-2010 04:39:27	Dark	45.500	125	44lot Ori	2.7700	30000.	91	44232	No
62	GOM_NL__2PRFIN20100816_044100_000000532092_00090_44232_5332.N1	16-AUG-2010 04:41:00	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	44232	No
63	GOM_NL__2PRFIN20100816_044253_000000472092_00090_44232_5333.N1	16-AUG-2010 04:42:53	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	44232	No
64	GOM_NL__2PRFIN20100816_045642_000000502092_00091_44233_5328.N1	16-AUG-2010 04:56:42	Dark	50.000	157	The1Eri	2.9060	9300.0	100	44233	No
65	GOM_NL__2PRFIN20100816_050050_000000482092_00091_44233_5329.N1	16-AUG-2010 05:00:50	Dark	47.500	9	Alp Eri	0.45300	24000.	95	44233	No
66	GOM_NL__2PRFIN20100816_050634_000000542092_00091_44233_5330.N1	16-AUG-2010 05:06:34	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44233	No
67	GOM_NL__2PRFIN20100816_051010_000000402092_00091_44233_5331.N1	16-AUG-2010 05:10:10	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	44233	No
68	GOM_NL__2PRFIN20100816_051406_000000582092_00091_44233_5332.N1	16-AUG-2010 05:14:06	Tw_i_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	44233	No
69	GOM_NL__2PRFIN20100816_051947_000000452092_00091_44233_5333.N1	16-AUG-2010 05:19:47	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	44233	No
70	GOM_NL__2PRFIN20100816_052316_000000442092_00091_44233_5334.N1	16-AUG-2010 05:23:16	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	44233	No
71	GOM_NL__2PRFIN20100816_052519_000000482092_00091_44233_5335.N1	16-AUG-2010 05:25:19	Bright	47.500	162	34Alp Aqr	2.9440	5350.0	95	44233	No
72	GOM_NL__2PRFIN20100816_052831_000000462092_00091_44233_5336.N1	16-AUG-2010 05:28:31	Bright	45.500	61	8Eps Peg	2.1000	3900.0	91	44233	No
73	GOM_NL__2PRFIN20100816_053459_000000382092_00091_44233_5337.N1	16-AUG-2010 05:34:59	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	44233	No
74	GOM_NL__2PRFIN20100816_053634_000000392092_00091_44233_5338.N1	16-AUG-2010 05:36:34	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	44233	No
75	GOM_NL__2PRFIN20100816_053811_000000402092_00091_44233_5339.N1	16-AUG-2010 05:38:11	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	44233	No
76	GOM_NL__2PRFIN20100816_054332_000000382092_00091_44233_5340.N1	16-AUG-2010 05:43:32	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44233	No
77	GOM_NL__2PRFIN20100816_060310_000000492092_00091_44233_5341.N1	16-AUG-2010 06:03:10	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	44233	No
78	GOM_NL__2PRFIN20100816_060603_000000582092_00091_44233_5342.N1	16-AUG-2010 06:06:03	Bright	58.000	107	37The Aur	2.6490	11000.	116	44233	No
79	GOM_NL__2PRFIN20100816_060908_000000522092_00091_44233_5343.N1	16-AUG-2010 06:09:08	Tw_i_and_stray	51.500	28	12Bet Tau	1.6500	15200.	103	44233	No
80	GOM_NL__2PRFIN20100816_061157_000000422092_00091_44233_5344.N1	16-AUG-2010 06:11:57	Tw_i_and_stray	41.500	44	24Gam Gem	1.9280	11000.	83	44233	No
81	GOM_NL__2PRFIN20100816_061527_000000592092_00091_44233_5345.N1	16-AUG-2010 06:15:27	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	44233	No
82	GOM_NL__2PRFIN20100816_061838_000000482092_00091_44233_5346.N1	16-AUG-2010 06:18:38	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	44233	No
83	GOM_NL__2PRFIN20100816_062003_000000462092_00091_44233_5347.N1	16-AUG-2010 06:20:03	Dark	45.500	125	44lot Ori	2.7700	30000.	91	44233	No
84	GOM_NL__2PRFIN20100816_062137_000000542092_00091_44233_5348.N1	16-AUG-2010 06:21:37	Dark	54.000	7	19Bet Ori	0.10000	14000.	108	44233	No
85	GOM_NL__2PRFIN20100816_062329_000000472092_00091_44233_5349.N1	16-AUG-2010 06:23:29	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	44233	No
86	GOM_NL__2PRFIN20100816_063720_000000512092_00092_44234_5477.N1	16-AUG-2010 06:37:20	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44234	No
87	GOM_NL__2PRFIN20100816_064127_000000492092_00092_44234_5478.N1	16-AUG-2010 06:41:27	Dark	48.500	9	Alp Eri	0.45300	24000.	97	44234	No
88	GOM_NL__2PRFIN20100816_064711_000000562092_00092_44234_5479.N1	16-AUG-2010 06:47:11	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44234	No
89	GOM_NL__2PRFIN20100816_065046_000000452092_00092_44234_5480.N1	16-AUG-2010 06:50:46	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	44234	No
90	GOM_NL__2PRFIN20100816_065443_000000562092_00092_44234_5481.N1	16-AUG-2010 06:54:43	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	44234	No
91	GOM_NL__2PRFIN20100816_070023_000000442092_00092_44234_5482.N1	16-AUG-2010 07:00:23	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	44234	No
92	GOM_NL__2PRFIN20100816_070351_000000432092_00092_44234_5483.N1	16-AUG-2010 07:03:51	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	44234	No
93	GOM_NL__2PRFIN20100816_070554_000000492092_00092_44234_5484.N1	16-AUG-2010 07:05:54	Bright	49.000	162	34Alp Aqr	2.9440	5350.0	98	44234	No
94	GOM_NL__2PRFIN20100816_070906_000000452092_00092_44234_5485.N1	16-AUG-2010 07:09:06	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44234	No
95	GOM_NL__2PRFIN20100816_071535_000000412092_00092_44234_5486.N1	16-AUG-2010 07:15:35	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	44234	No
96	GOM_NL__2PRFIN20100816_071710_000000402092_00092_44234_5487.N1	16-AUG-2010 07:17:10	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	44234	No
97	GOM_NL__2PRFIN20100816_071847_000000402092_00092_44234_5488.N1	16-AUG-2010 07:18:47	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	44234	No
98	GOM_NL__2PRFIN20100816_072408_000000382092_00092_44234_5489.N1	16-AUG-2010 07:24:08	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44234	No
99	GOM_NL__2PRFIN20100816_074345_000000522092_00092_44234_5490.N1	16-AUG-2010 07:43:45	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	44234	No
100	GOM_NL__2PRFIN20100816_074638_000000412092_00092_44234_5491.N1	16-AUG-2010 07:46:38	Bright	40.500	107	37The Aur	2.6490	11000.	81	44234	No
101	GOM_NL__2PRFIN20100816_074945_000000502092_00092_44234_5492.N1	16-AUG-2010 07:49:45	Tw_i_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	44234	No

102	GOM_NL__2PRFIN20100816_075233_000000402092_00092_44234_5493.N1	16-AUG-2010 07:52:33	Twilight	39.500	44	24Gam Gem	1.9280	11000.	79	44234	No
103	GOM_NL__2PRFIN20100816_075603_000000592092_00092_44234_5494.N1	16-AUG-2010 07:56:03	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	44234	No
104	GOM_NL__2PRFIN20100816_075915_000000472092_00092_44234_5495.N1	16-AUG-2010 07:59:15	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	44234	No
105	GOM_NL__2PRFIN20100816_080040_000000442092_00092_44234_5496.N1	16-AUG-2010 08:00:40	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	44234	No
106	GOM_NL__2PRFIN20100816_080214_000000542092_00092_44234_5497.N1	16-AUG-2010 08:02:14	Dark	53.500	7	19Bet Ori	0.10000	14000.	107	44234	No
107	GOM_NL__2PRFIN20100816_080406_000000452092_00092_44234_5498.N1	16-AUG-2010 08:04:06	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	44234	No
108	GOM_NL__2PRFIN20100816_081757_000000492092_00093_44235_5485.N1	16-AUG-2010 08:17:57	Dark	48.500	157	The1Eri	2.9060	9300.0	97	44235	No
109	GOM_NL__2PRFIN20100816_082204_000000492092_00093_44235_5486.N1	16-AUG-2010 08:22:04	Dark	48.500	9	Alp Eri	0.45300	24000.	97	44235	No
110	GOM_NL__2PRFIN20100816_082748_000000582092_00093_44235_5487.N1	16-AUG-2010 08:27:48	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	44235	No
111	GOM_NL__2PRFIN20100816_083123_000000432092_00093_44235_5488.N1	16-AUG-2010 08:31:23	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44235	No
112	GOM_NL__2PRFIN20100816_083519_000000562092_00093_44235_5489.N1	16-AUG-2010 08:35:19	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	44235	No
113	GOM_NL__2PRFIN20100816_084059_000000432092_00093_44235_5490.N1	16-AUG-2010 08:40:59	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	44235	No
114	GOM_NL__2PRFIN20100816_084428_000000422092_00093_44235_5491.N1	16-AUG-2010 08:44:28	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	44235	No
115	GOM_NL__2PRFIN20100816_084631_000000482092_00093_44235_5492.N1	16-AUG-2010 08:46:31	Bright	47.500	162	34Alp Aqr	2.9440	5350.0	95	44235	No
116	GOM_NL__2PRFIN20100816_084941_000000442092_00093_44235_5493.N1	16-AUG-2010 08:49:41	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	44235	No
117	GOM_NL__2PRFIN20100816_085610_000000372092_00093_44235_5494.N1	16-AUG-2010 08:56:10	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	44235	No
118	GOM_NL__2PRFIN20100816_085746_000000362092_00093_44235_5495.N1	16-AUG-2010 08:57:46	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	44235	No
119	GOM_NL__2PRFIN20100816_085923_000000402092_00093_44235_5496.N1	16-AUG-2010 08:59:23	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	44235	No
120	GOM_NL__2PRFIN20100816_090444_000000392092_00093_44235_5497.N1	16-AUG-2010 09:04:44	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44235	No
121	GOM_NL__2PRFIN20100816_092421_000000532092_00093_44235_5498.N1	16-AUG-2010 09:24:21	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	44235	No
122	GOM_NL__2PRFIN20100816_092715_000000482092_00093_44235_5499.N1	16-AUG-2010 09:27:15	Bright	48.000	107	37The Aur	2.6490	11000.	96	44235	No
123	GOM_NL__2PRFIN20100816_093021_000000522092_00093_44235_5500.N1	16-AUG-2010 09:30:21	Twilight	52.000	28	12Bet Tau	1.6500	15200.	104	44235	No
124	GOM_NL__2PRFIN20100816_093309_000000432092_00093_44235_5501.N1	16-AUG-2010 09:33:09	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	44235	No
125	GOM_NL__2PRFIN20100816_093640_000000442092_00093_44235_5502.N1	16-AUG-2010 09:36:40	Dark	44.000	14	58Alp Ori	0.87000	3000.0	88	44235	No
126	GOM_NL__2PRFIN20100816_093951_000000492092_00093_44235_5503.N1	16-AUG-2010 09:39:51	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	44235	No
127	GOM_NL__2PRFIN20100816_094116_000000472092_00093_44235_5504.N1	16-AUG-2010 09:41:16	Dark	46.500	125	44Iot Ori	2.7700	30000.	93	44235	No
128	GOM_NL__2PRFIN20100816_094251_000000562092_00093_44235_5505.N1	16-AUG-2010 09:42:51	Dark	56.000	7	19Bet Ori	0.10000	14000.	112	44235	No
129	GOM_NL__2PRFIN20100816_094443_000000472092_00093_44235_5506.N1	16-AUG-2010 09:44:43	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	44235	No
130	GOM_NL__2PRFIN20100816_095834_000000522092_00094_44236_5517.N1	16-AUG-2010 09:58:34	Dark	51.500	157	The1Eri	2.9060	9300.0	103	44236	No
131	GOM_NL__2PRFIN20100816_100240_000000522092_00094_44236_5518.N1	16-AUG-2010 10:02:40	Dark	51.500	9	Alp Eri	0.45300	24000.	103	44236	No
132	GOM_NL__2PRFIN20100816_100825_000000532092_00094_44236_5519.N1	16-AUG-2010 10:08:25	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	44236	No
133	GOM_NL__2PRFIN20100816_101159_000000432092_00094_44236_5520.N1	16-AUG-2010 10:11:59	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44236	No
134	GOM_NL__2PRFIN20100816_101556_000000572092_00094_44236_5521.N1	16-AUG-2010 10:15:56	Twilight	56.500	18	24Alp PsA	1.1660	9700.0	113	44236	No
135	GOM_NL__2PRFIN20100816_102135_000000462092_00094_44236_5522.N1	16-AUG-2010 10:21:35	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	44236	No
136	GOM_NL__2PRFIN20100816_102504_000000432092_00094_44236_5523.N1	16-AUG-2010 10:25:04	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	44236	No
137	GOM_NL__2PRFIN20100816_102706_000000482092_00094_44236_5524.N1	16-AUG-2010 10:27:06	Bright	48.000	162	34Alp Aqr	2.9440	5350.0	96	44236	No
138	GOM_NL__2PRFIN20100816_103017_000000442092_00094_44236_5525.N1	16-AUG-2010 10:30:17	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	44236	No
139	GOM_NL__2PRFIN20100816_103646_000000362092_00094_44236_5526.N1	16-AUG-2010 10:36:46	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	44236	No
140	GOM_NL__2PRFIN20100816_103821_000000392092_00094_44236_5527.N1	16-AUG-2010 10:38:21	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	44236	No
141	GOM_NL__2PRFIN20100816_103959_000000412092_00094_44236_5528.N1	16-AUG-2010 10:39:59	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	44236	No
142	GOM_NL__2PRFIN20100816_104519_000000392092_00094_44236_5529.N1	16-AUG-2010 10:45:19	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44236	No
143	GOM_NL__2PRFIN20100816_110457_000000482092_00094_44236_5530.N1	16-AUG-2010 11:04:57	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	44236	No
144	GOM_NL__2PRFIN20100816_110751_000000432092_00094_44236_5531.N1	16-AUG-2010 11:07:51	Bright	43.000	107	37The Aur	2.6490	11000.	86	44236	No
145	GOM_NL__2PRFIN20100816_111057_000000512092_00094_44236_5532.N1	16-AUG-2010 11:10:57	Twilight	51.000	28	12Bet Tau	1.6500	15200.	102	44236	No
146	GOM_NL__2PRFIN20100816_111345_000000402092_00094_44236_5533.N1	16-AUG-2010 11:13:45	Twilight	39.500	44	24Gam Gem	1.9280	11000.	79	44236	No
147	GOM_NL__2PRFIN20100816_111716_000000512092_00094_44236_5534.N1	16-AUG-2010 11:17:16	Dark	50.500	14	58Alp Ori	0.87000	3000.0	101	44236	No
148	GOM_NL__2PRFIN20100816_112028_000000482092_00094_44236_5535.N1	16-AUG-2010 11:20:28	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	44236	No
149	GOM_NL__2PRFIN20100816_112153_000000442092_00094_44236_5536.N1	16-AUG-2010 11:21:53	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	44236	No
150	GOM_NL__2PRFIN20100816_112327_000000552092_00094_44236_5537.N1	16-AUG-2010 11:23:27	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	44236	No
151	GOM_NL__2PRFIN20100816_112519_000000472092_00094_44236_5538.N1	16-AUG-2010 11:25:19	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	44236	No
152	GOM_NL__2PRFIN20100816_113911_000000512092_00095_44237_5560.N1	16-AUG-2010 11:39:11	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44237	No
153	GOM_NL__2PRFIN20100816_114317_000000432092_00095_44237_5561.N1	16-AUG-2010 11:43:17	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44237	No
154	GOM_NL__2PRFIN20100816_114901_000000562092_00095_44237_5562.N1	16-AUG-2010 11:49:01	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44237	No
155	GOM_NL__2PRFIN20100816_115235_000000432092_00095_44237_5563.N1	16-AUG-2010 11:52:35	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44237	No
156	GOM_NL__2PRFIN20100816_115632_000000592092_00095_44237_5564.N1	16-AUG-2010 11:56:32	Twilight	59.000	18	24Alp PsA	1.1660	9700.0	118	44237	No
157	GOM_NL__2PRFIN20100816_120212_000000452092_00095_44237_5565.N1	16-AUG-2010 12:02:12	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	44237	No
158	GOM_NL__2PRFIN20100816_120539_000000432092_00095_44237_5566.N1	16-AUG-2010 12:05:39	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	44237	No
159	GOM_NL__2PRFIN20100816_120741_000000492092_00095_44237_5567.N1	16-AUG-2010 12:07:41	Bright	49.000	162	34Alp Aqr	2.9440	5350.0	98	44237	No
160	GOM_NL__2PRFIN20100816_121053_000000452092_00095_44237_5568.N1	16-AUG-2010 12:10:53	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44237	No

161	GOM_NL__2PRFIN20100816_121722_000000382092_00095_44237_5569.N1	16-AUG-2010 12:17:22	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	44237	No
162	GOM_NL__2PRFIN20100816_121857_000000362092_00095_44237_5570.N1	16-AUG-2010 12:18:57	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	44237	No
163	GOM_NL__2PRFIN20100816_122034_000000422092_00095_44237_5571.N1	16-AUG-2010 12:20:34	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	44237	No
164	GOM_NL__2PRFIN20100816_122555_000000392092_00095_44237_5572.N1	16-AUG-2010 12:25:55	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44237	No
165	GOM_NL__2PRFIN20100816_124533_000000462092_00095_44237_5573.N1	16-AUG-2010 12:45:33	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	44237	No
166	GOM_NL__2PRFIN20100816_124826_000000402092_00095_44237_5574.N1	16-AUG-2010 12:48:26	Bright	39.500	107	37The Aur	2.6490	11000.	79	44237	No
167	GOM_NL__2PRFIN20100816_125133_000000532092_00095_44237_5575.N1	16-AUG-2010 12:51:33	Twilight	53.000	28	12Bet Tau	1.6500	15200.	106	44237	No
168	GOM_NL__2PRFIN20100816_125421_000000402092_00095_44237_5576.N1	16-AUG-2010 12:54:21	Twilight	40.000	44	24Gam Gem	1.9280	11000.	80	44237	No
169	GOM_NL__2PRFIN20100816_125752_000000602092_00095_44237_5577.N1	16-AUG-2010 12:57:52	Dark	60.000	14	58Alp Ori	0.87000	3000.0	120	44237	No
170	GOM_NL__2PRFIN20100816_130104_000000502092_00095_44237_5578.N1	16-AUG-2010 13:01:04	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	44237	No
171	GOM_NL__2PRFIN20100816_130230_000000452092_00095_44237_5579.N1	16-AUG-2010 13:02:30	Dark	45.000	125	44lot Ori	2.7700	30000.	90	44237	No
172	GOM_NL__2PRFIN20100816_130404_000000562092_00095_44237_5580.N1	16-AUG-2010 13:04:04	Dark	56.000	7	19Bet Ori	0.10000	14000.	112	44237	No
173	GOM_NL__2PRFIN20100816_130555_000000492092_00095_44237_5581.N1	16-AUG-2010 13:05:55	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	44237	No
174	GOM_NL__2PRFIN20100816_131948_000000512092_00096_44238_5595.N1	16-AUG-2010 13:19:48	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44238	No
175	GOM_NL__2PRFIN20100816_132353_000000432092_00096_44238_5596.N1	16-AUG-2010 13:23:53	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44238	No
176	GOM_NL__2PRFIN20100816_132938_000000512092_00096_44238_5597.N1	16-AUG-2010 13:29:38	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44238	No
177	GOM_NL__2PRFIN20100816_133311_000000462092_00096_44238_5598.N1	16-AUG-2010 13:33:11	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	44238	No
178	GOM_NL__2PRFIN20100816_133708_000000562092_00096_44238_5599.N1	16-AUG-2010 13:37:08	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	44238	No
179	GOM_NL__2PRFIN20100816_134247_000000462092_00096_44238_5600.N1	16-AUG-2010 13:42:47	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44238	No
180	GOM_NL__2PRFIN20100816_134615_000000432092_00096_44238_5601.N1	16-AUG-2010 13:46:15	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44238	No
181	GOM_NL__2PRFIN20100816_134817_000000502092_00096_44238_5602.N1	16-AUG-2010 13:48:17	Bright	49.500	162	34Alp Aqr	2.9440	5350.0	99	44238	No
182	GOM_NL__2PRFIN20100816_135129_000000442092_00096_44238_5603.N1	16-AUG-2010 13:51:29	Bright	44.000	61	8Eps Peg	2.1000	3900.0	88	44238	No
183	GOM_NL__2PRFIN20100816_135757_000000412092_00096_44238_5604.N1	16-AUG-2010 13:57:57	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	44238	No
184	GOM_NL__2PRFIN20100816_135933_000000392092_00096_44238_5605.N1	16-AUG-2010 13:59:33	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	44238	No
185	GOM_NL__2PRFIN20100816_140110_000000412092_00096_44238_5606.N1	16-AUG-2010 14:01:10	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	44238	No
186	GOM_NL__2PRFIN20100816_140631_000000392092_00096_44238_5607.N1	16-AUG-2010 14:06:31	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44238	No
187	GOM_NL__2PRFIN20100816_142608_000000522092_00096_44238_5608.N1	16-AUG-2010 14:26:08	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	44238	No
188	GOM_NL__2PRFIN20100816_142903_000000532092_00096_44238_5609.N1	16-AUG-2010 14:29:03	Bright	52.500	107	37The Aur	2.6490	11000.	105	44238	No
189	GOM_NL__2PRFIN20100816_143209_000000542092_00096_44238_5610.N1	16-AUG-2010 14:32:09	Twilight	54.000	28	12Bet Tau	1.6500	15200.	108	44238	No
190	GOM_NL__2PRFIN20100816_143458_000000432092_00096_44238_5611.N1	16-AUG-2010 14:34:58	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	44238	No
191	GOM_NL__2PRFIN20100816_143829_000000562092_00096_44238_5612.N1	16-AUG-2010 14:38:29	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	44238	No
192	GOM_NL__2PRFIN20100816_144141_000000522092_00096_44238_5613.N1	16-AUG-2010 14:41:41	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	44238	No
193	GOM_NL__2PRFIN20100816_144306_000000452092_00096_44238_5614.N1	16-AUG-2010 14:43:06	Dark	45.000	125	44lot Ori	2.7700	30000.	90	44238	No
194	GOM_NL__2PRFIN20100816_144441_000000562092_00096_44238_5615.N1	16-AUG-2010 14:44:41	Dark	55.500	7	19Bet Ori	0.10000	14000.	111	44238	No
195	GOM_NL__2PRFIN20100816_144632_000000482092_00096_44238_5616.N1	16-AUG-2010 14:46:32	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	44238	No
196	GOM_NL__2PRFIN20100816_150025_000000512092_00097_44239_5632.N1	16-AUG-2010 15:00:25	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44239	No
197	GOM_NL__2PRFIN20100816_150430_000000452092_00097_44239_5633.N1	16-AUG-2010 15:04:30	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44239	No
198	GOM_NL__2PRFIN20100816_151015_000000572092_00097_44239_5634.N1	16-AUG-2010 15:10:15	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	44239	No
199	GOM_NL__2PRFIN20100816_151347_000000462092_00097_44239_5635.N1	16-AUG-2010 15:13:47	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	44239	No
200	GOM_NL__2PRFIN20100816_151744_000000572092_00097_44239_5636.N1	16-AUG-2010 15:17:44	Twilight	56.500	18	24Alp PsA	1.1660	9700.0	113	44239	No
201	GOM_NL__2PRFIN20100816_152324_000000462092_00097_44239_5637.N1	16-AUG-2010 15:23:24	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	44239	No
202	GOM_NL__2PRFIN20100816_152651_000000432092_00097_44239_5638.N1	16-AUG-2010 15:26:51	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44239	No
203	GOM_NL__2PRFIN20100816_152853_000000492092_00097_44239_5639.N1	16-AUG-2010 15:28:53	Bright	48.500	162	34Alp Aqr	2.9440	5350.0	97	44239	No
204	GOM_NL__2PRFIN20100816_153204_000000452092_00097_44239_5640.N1	16-AUG-2010 15:32:04	Bright	44.500	61	8Eps Peg	2.1000	3900.0	89	44239	No
205	GOM_NL__2PRFIN20100816_153833_000000372092_00097_44239_5641.N1	16-AUG-2010 15:38:33	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	44239	No
206	GOM_NL__2PRFIN20100816_154009_000000362092_00097_44239_5642.N1	16-AUG-2010 15:40:09	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	44239	No
207	GOM_NL__2PRFIN20100816_154146_000000402092_00097_44239_5643.N1	16-AUG-2010 15:41:46	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	44239	No
208	GOM_NL__2PRFIN20100816_154706_000000402092_00097_44239_5644.N1	16-AUG-2010 15:47:06	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44239	No
209	GOM_NL__2PRFIN20100816_160644_000000502092_00097_44239_5645.N1	16-AUG-2010 16:06:44	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	44239	No
210	GOM_NL__2PRFIN20100816_160939_000000402092_00097_44239_5646.N1	16-AUG-2010 16:09:39	Bright	40.000	107	37The Aur	2.6490	11000.	80	44239	No
211	GOM_NL__2PRFIN20100816_161245_000000512092_00097_44239_5647.N1	16-AUG-2010 16:12:45	Twilight	51.000	28	12Bet Tau	1.6500	15200.	102	44239	No
212	GOM_NL__2PRFIN20100816_161534_000000432092_00097_44239_5648.N1	16-AUG-2010 16:15:34	Twilight	42.500	44	24Gam Gem	1.9280	11000.	85	44239	No
213	GOM_NL__2PRFIN20100816_161905_000000502092_00097_44239_5649.N1	16-AUG-2010 16:19:05	Dark	50.000	14	58Alp Ori	0.87000	3000.0	100	44239	No
214	GOM_NL__2PRFIN20100816_162217_000000502092_00097_44239_5650.N1	16-AUG-2010 16:22:17	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	44239	No
215	GOM_NL__2PRFIN20100816_162343_000000472092_00097_44239_5651.N1	16-AUG-2010 16:23:43	Dark	47.000	125	44lot Ori	2.7700	30000.	94	44239	No
216	GOM_NL__2PRFIN20100816_162518_000000542092_00097_44239_5652.N1	16-AUG-2010 16:25:18	Dark	53.500	7	19Bet Ori	0.10000	14000.	107	44239	No
217	GOM_NL__2PRFIN20100816_162709_000000482092_00097_44239_5653.N1	16-AUG-2010 16:27:09	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	44239	No
218	GOM_NL__2PRFIN20100816_164102_000000512092_00098_44240_5661.N1	16-AUG-2010 16:41:02	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44240	No
219	GOM_NL__2PRFIN20100816_164507_000000452092_00098_44240_5662.N1	16-AUG-2010 16:45:07	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44240	No

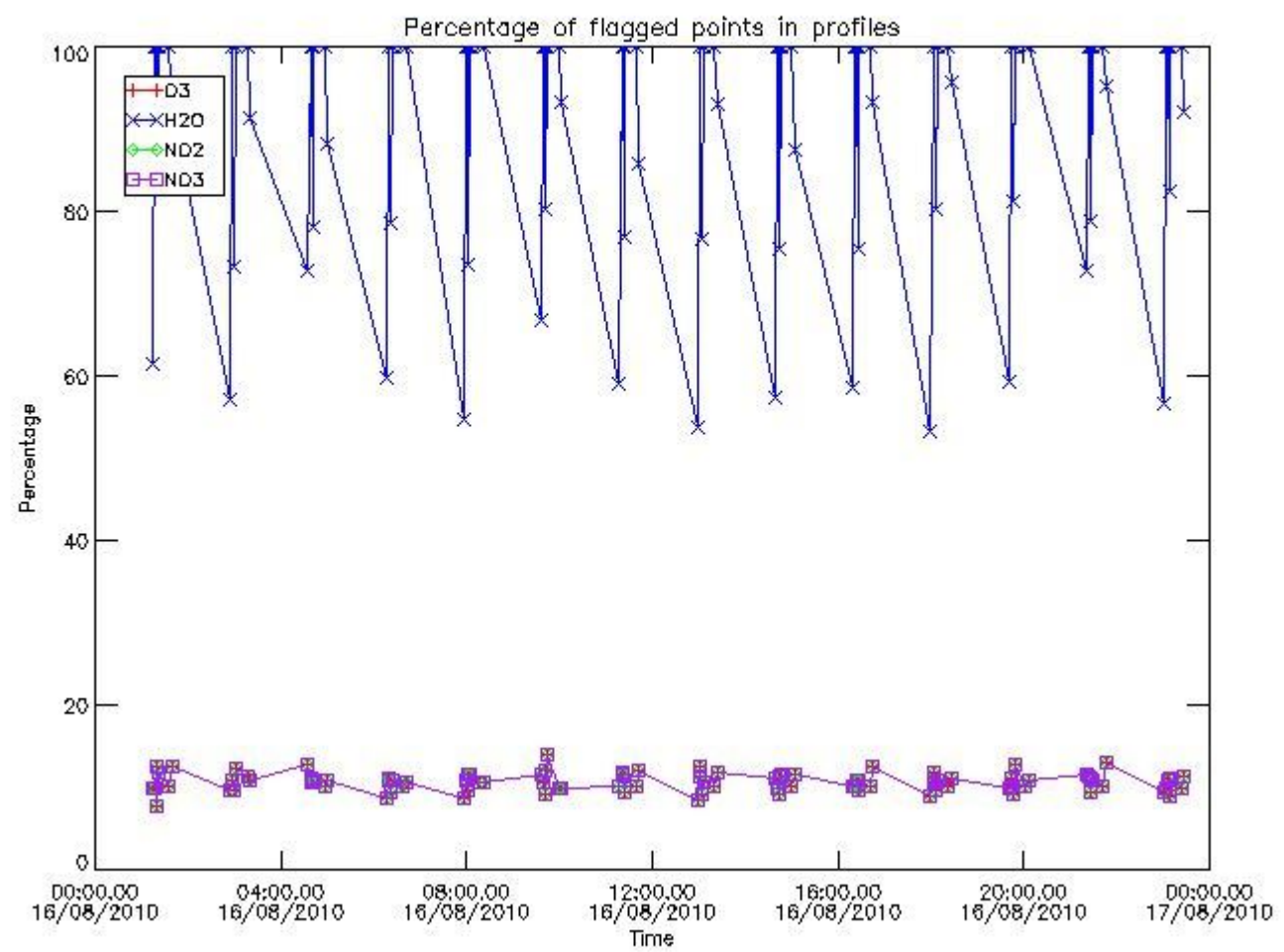
220	GOM_NL__2PRFIN20100816_165052_000000542092_00098_44240_5663.N1	16-AUG-2010 16:50:52	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44240	No
221	GOM_NL__2PRFIN20100816_165424_000000482092_00098_44240_5664.N1	16-AUG-2010 16:54:24	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	44240	No
222	GOM_NL__2PRFIN20100816_165821_000000642092_00098_44240_5665.N1	16-AUG-2010 16:58:21	Tw_i_and_stray	63.500	18	24Alp PsA	1.1660	9700.0	127	44240	No
223	GOM_NL__2PRFIN20100816_170359_000000462092_00098_44240_5666.N1	16-AUG-2010 17:03:59	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44240	No
224	GOM_NL__2PRFIN20100816_170727_000000432092_00098_44240_5667.N1	16-AUG-2010 17:07:27	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44240	No
225	GOM_NL__2PRFIN20100816_170929_000000492092_00098_44240_5668.N1	16-AUG-2010 17:09:29	Bright	48.500	162	34Alp Aqr	2.9440	5350.0	97	44240	No
226	GOM_NL__2PRFIN20100816_171240_000000472092_00098_44240_5669.N1	16-AUG-2010 17:12:40	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	44240	No
227	GOM_NL__2PRFIN20100816_171909_000000392092_00098_44240_5670.N1	16-AUG-2010 17:19:09	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	44240	No
228	GOM_NL__2PRFIN20100816_172045_000000402092_00098_44240_5671.N1	16-AUG-2010 17:20:45	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	44240	No
229	GOM_NL__2PRFIN20100816_172221_000000402092_00098_44240_5672.N1	16-AUG-2010 17:22:21	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	44240	No
230	GOM_NL__2PRFIN20100816_172742_000000402092_00098_44240_5673.N1	16-AUG-2010 17:27:42	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44240	No
231	GOM_NL__2PRFIN20100816_174720_000000472092_00098_44240_5674.N1	16-AUG-2010 17:47:20	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	44240	No
232	GOM_NL__2PRFIN20100816_175015_000000392092_00098_44240_5675.N1	16-AUG-2010 17:50:15	Bright	38.500	107	37The Aur	2.6490	11000.	77	44240	No
233	GOM_NL__2PRFIN20100816_175321_000000532092_00098_44240_5676.N1	16-AUG-2010 17:53:21	Tw_i_and_stray	53.000	28	12Bet Tau	1.6500	15200.	106	44240	No
234	GOM_NL__2PRFIN20100816_175610_000000432092_00098_44240_5677.N1	16-AUG-2010 17:56:10	Tw_i_and_stray	43.000	44	24Gam Gem	1.9280	11000.	86	44240	No
235	GOM_NL__2PRFIN20100816_175941_000000572092_00098_44240_5678.N1	16-AUG-2010 17:59:41	Dark	57.000	14	58Alp Ori	0.87000	3000.0	114	44240	No
236	GOM_NL__2PRFIN20100816_180254_000000492092_00098_44240_5679.N1	16-AUG-2010 18:02:54	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	44240	No
237	GOM_NL__2PRFIN20100816_180420_000000442092_00098_44240_5680.N1	16-AUG-2010 18:04:20	Dark	43.500	125	44lot Ori	2.7700	30000.	87	44240	No
238	GOM_NL__2PRFIN20100816_180554_000000542092_00098_44240_5681.N1	16-AUG-2010 18:05:54	Dark	53.500	7	19Bet Ori	0.10000	14000.	107	44240	No
239	GOM_NL__2PRFIN20100816_180746_000000472092_00098_44240_5682.N1	16-AUG-2010 18:07:46	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	44240	No
240	GOM_NL__2PRFIN20100816_182139_000000502092_00099_44241_5802.N1	16-AUG-2010 18:21:39	Dark	50.000	157	The1Eri	2.9060	9300.0	100	44241	No
241	GOM_NL__2PRFIN20100816_182543_000000462092_00099_44241_5803.N1	16-AUG-2010 18:25:43	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44241	No
242	GOM_NL__2PRFIN20100816_183128_000000602092_00099_44241_5804.N1	16-AUG-2010 18:31:28	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	44241	No
243	GOM_NL__2PRFIN20100816_183500_000000402092_00099_44241_5805.N1	16-AUG-2010 18:35:00	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	44241	No
244	GOM_NL__2PRFIN20100816_183858_000000552092_00099_44241_5806.N1	16-AUG-2010 18:38:58	Tw_i_and_stray	55.000	18	24Alp PsA	1.1660	9700.0	110	44241	No
245	GOM_NL__2PRFIN20100816_184436_000000462092_00099_44241_5807.N1	16-AUG-2010 18:44:36	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44241	No
246	GOM_NL__2PRFIN20100816_184803_000000432092_00099_44241_5808.N1	16-AUG-2010 18:48:03	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44241	No
247	GOM_NL__2PRFIN20100816_185005_000000482092_00099_44241_5809.N1	16-AUG-2010 18:50:05	Bright	48.000	162	34Alp Aqr	2.9440	5350.0	96	44241	No
248	GOM_NL__2PRFIN20100816_185315_000000452092_00099_44241_5810.N1	16-AUG-2010 18:53:15	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44241	No
249	GOM_NL__2PRFIN20100816_185945_000000382092_00099_44241_5811.N1	16-AUG-2010 18:59:45	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	44241	No
250	GOM_NL__2PRFIN20100816_190121_000000382092_00099_44241_5812.N1	16-AUG-2010 19:01:21	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	44241	No
251	GOM_NL__2PRFIN20100816_190257_000000402092_00099_44241_5813.N1	16-AUG-2010 19:02:57	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	44241	No
252	GOM_NL__2PRFIN20100816_190818_000000392092_00099_44241_5814.N1	16-AUG-2010 19:08:18	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44241	No
253	GOM_NL__2PRFIN20100816_192756_000000472092_00099_44241_5815.N1	16-AUG-2010 19:27:56	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	44241	No
254	GOM_NL__2PRFIN20100816_193050_000000502092_00099_44241_5816.N1	16-AUG-2010 19:30:50	Bright	49.500	107	37The Aur	2.6490	11000.	99	44241	No
255	GOM_NL__2PRFIN20100816_193358_000000522092_00099_44241_5817.N1	16-AUG-2010 19:33:58	Tw_i_and_stray	52.000	28	12Bet Tau	1.6500	15200.	104	44241	No
256	GOM_NL__2PRFIN20100816_193646_000000442092_00099_44241_5818.N1	16-AUG-2010 19:36:46	Tw_i_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	44241	No
257	GOM_NL__2PRFIN20100816_194018_000000522092_00099_44241_5819.N1	16-AUG-2010 19:40:18	Dark	52.000	14	58Alp Ori	0.87000	3000.0	104	44241	No
258	GOM_NL__2PRFIN20100816_194330_000000502092_00099_44241_5820.N1	16-AUG-2010 19:43:30	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	44241	No
259	GOM_NL__2PRFIN20100816_194456_000000462092_00099_44241_5821.N1	16-AUG-2010 19:44:56	Dark	46.000	125	44lot Ori	2.7700	30000.	92	44241	No
260	GOM_NL__2PRFIN20100816_194631_000000562092_00099_44241_5822.N1	16-AUG-2010 19:46:31	Dark	56.000	7	19Bet Ori	0.10000	14000.	112	44241	No
261	GOM_NL__2PRFIN20100816_194823_000000442092_00099_44241_5823.N1	16-AUG-2010 19:48:23	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	44241	No
262	GOM_NL__2PRFIN20100816_200217_000000502092_00100_44242_5835.N1	16-AUG-2010 20:02:17	Dark	50.000	157	The1Eri	2.9060	9300.0	100	44242	No
263	GOM_NL__2PRFIN20100816_200620_000000482092_00100_44242_5836.N1	16-AUG-2010 20:06:20	Dark	47.500	9	Alp Eri	0.45300	24000.	95	44242	No
264	GOM_NL__2PRFIN20100816_201205_000000622092_00100_44242_5837.N1	16-AUG-2010 20:12:05	Straylight	61.500	84	Alp Phe	2.3970	4500.0	123	44242	No
265	GOM_NL__2PRFIN20100816_201537_000000422092_00100_44242_5838.N1	16-AUG-2010 20:15:37	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	44242	No
266	GOM_NL__2PRFIN20100816_201934_000000562092_00100_44242_5839.N1	16-AUG-2010 20:19:34	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	44242	No
267	GOM_NL__2PRFIN20100816_202511_000000472092_00100_44242_5840.N1	16-AUG-2010 20:25:11	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44242	No
268	GOM_NL__2PRFIN20100816_202839_000000432092_00100_44242_5841.N1	16-AUG-2010 20:28:39	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44242	No
269	GOM_NL__2PRFIN20100816_203040_000000482092_00100_44242_5842.N1	16-AUG-2010 20:30:40	Bright	47.500	162	34Alp Aqr	2.9440	5350.0	95	44242	No
270	GOM_NL__2PRFIN20100816_203351_000000442092_00100_44242_5843.N1	16-AUG-2010 20:33:51	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	44242	No
271	GOM_NL__2PRFIN20100816_204021_000000382092_00100_44242_5844.N1	16-AUG-2010 20:40:21	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	44242	No
272	GOM_NL__2PRFIN20100816_204156_000000402092_00100_44242_5845.N1	16-AUG-2010 20:41:56	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	44242	No
273	GOM_NL__2PRFIN20100816_204333_000000402092_00100_44242_5846.N1	16-AUG-2010 20:43:33	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	44242	No
274	GOM_NL__2PRFIN20100816_204853_000000392092_00100_44242_5847.N1	16-AUG-2010 20:48:53	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44242	No
275	GOM_NL__2PRFIN20100816_210832_000000492092_00100_44242_5848.N1	16-AUG-2010 21:08:32	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	44242	No
276	GOM_NL__2PRFIN20100816_211127_000000382092_00100_44242_5849.N1	16-AUG-2010 21:11:27	Bright	38.000	107	37The Aur	2.6490	11000.	76	44242	No
277	GOM_NL__2PRFIN20100816_211310_000000572092_00100_44242_5850.N1	16-AUG-2010 21:13:10	Tw_i_and_stray	57.000	114	3lot Aur	2.6930	4600.0	114	44242	No
278	GOM_NL__2PRFIN20100816_211434_000000512092_00100_44242_5851.N1	16-AUG-2010 21:14:34	Tw_i_and_stray	51.000	28	12Bet Tau	1.6500	15200.	102	44242	No

279	GOM_NL__2PRFIN20100816_211723_000000452092_00100_44242_5852.N1	16-AUG-2010 21:17:23	Twilight	44.500	44	24Gam Gem	1.9280	11000.	89	44242	No
280	GOM_NL__2PRFIN20100816_212054_000000482092_00100_44242_5853.N1	16-AUG-2010 21:20:54	Dark	48.000	14	58Alp Ori	0.87000	3000.0	96	44242	No
281	GOM_NL__2PRFIN20100816_212407_000000502092_00100_44242_5854.N1	16-AUG-2010 21:24:07	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	44242	No
282	GOM_NL__2PRFIN20100816_212532_000000462092_00100_44242_5855.N1	16-AUG-2010 21:25:32	Dark	46.000	125	44Iot Ori	2.7700	30000.	92	44242	No
283	GOM_NL__2PRFIN20100816_212708_000000552092_00100_44242_5856.N1	16-AUG-2010 21:27:08	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	44242	No
284	GOM_NL__2PRFIN20100816_212859_000000472092_00100_44242_5857.N1	16-AUG-2010 21:28:59	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	44242	No
285	GOM_NL__2PRFIN20100816_214254_000000502092_00101_44243_5852.N1	16-AUG-2010 21:42:54	Dark	50.000	157	The1Eri	2.9060	9300.0	100	44243	No
286	GOM_NL__2PRFIN20100816_214656_000000432092_00101_44243_5853.N1	16-AUG-2010 21:46:56	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44243	No
287	GOM_NL__2PRFIN20100816_215242_000000612092_00101_44243_5854.N1	16-AUG-2010 21:52:42	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	44243	No
288	GOM_NL__2PRFIN20100816_215613_000000412092_00101_44243_5855.N1	16-AUG-2010 21:56:13	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	44243	No
289	GOM_NL__2PRFIN20100816_220010_000000532092_00101_44243_5856.N1	16-AUG-2010 22:00:10	Twilight	53.000	18	24Alp PsA	1.1660	9700.0	106	44243	No
290	GOM_NL__2PRFIN20100816_220548_000000462092_00101_44243_5857.N1	16-AUG-2010 22:05:48	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	44243	No
291	GOM_NL__2PRFIN20100816_220915_000000432092_00101_44243_5858.N1	16-AUG-2010 22:09:15	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44243	No
292	GOM_NL__2PRFIN20100816_221116_000000502092_00101_44243_5859.N1	16-AUG-2010 22:11:16	Bright	49.500	162	34Alp Aqr	2.9440	5350.0	99	44243	No
293	GOM_NL__2PRFIN20100816_221426_000000452092_00101_44243_5860.N1	16-AUG-2010 22:14:26	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44243	No
294	GOM_NL__2PRFIN20100816_222056_000000382092_00101_44243_5861.N1	16-AUG-2010 22:20:56	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	44243	No
295	GOM_NL__2PRFIN20100816_222232_000000372092_00101_44243_5862.N1	16-AUG-2010 22:22:32	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	44243	No
296	GOM_NL__2PRFIN20100816_222409_000000362092_00101_44243_5863.N1	16-AUG-2010 22:24:09	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	44243	No
297	GOM_NL__2PRFIN20100816_222929_000000402092_00101_44243_5864.N1	16-AUG-2010 22:29:29	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	44243	No
298	GOM_NL__2PRFIN20100816_224908_000000512092_00101_44243_5865.N1	16-AUG-2010 22:49:08	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	44243	No
299	GOM_NL__2PRFIN20100816_225203_000000582092_00101_44243_5866.N1	16-AUG-2010 22:52:03	Bright	58.000	107	37The Aur	2.6490	11000.	116	44243	No
300	GOM_NL__2PRFIN20100816_225346_000000572092_00101_44243_5867.N1	16-AUG-2010 22:53:46	Twilight	57.000	114	3Iot Aur	2.6930	4600.0	114	44243	No
301	GOM_NL__2PRFIN20100816_225509_000000522092_00101_44243_5868.N1	16-AUG-2010 22:55:09	Twilight	51.500	28	12Bet Tau	1.6500	15200.	103	44243	No
302	GOM_NL__2PRFIN20100816_225758_000000392092_00101_44243_5869.N1	16-AUG-2010 22:57:58	Twilight	39.000	44	24Gam Gem	1.9280	11000.	78	44243	No
303	GOM_NL__2PRFIN20100816_230130_000000552092_00101_44243_5870.N1	16-AUG-2010 23:01:30	Dark	54.500	14	58Alp Ori	0.87000	3000.0	109	44243	No
304	GOM_NL__2PRFIN20100816_230443_000000512092_00101_44243_5871.N1	16-AUG-2010 23:04:43	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	44243	No
305	GOM_NL__2PRFIN20100816_230609_000000472092_00101_44243_5872.N1	16-AUG-2010 23:06:09	Dark	46.500	125	44Iot Ori	2.7700	30000.	93	44243	No
306	GOM_NL__2PRFIN20100816_230745_000000572092_00101_44243_5873.N1	16-AUG-2010 23:07:45	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	44243	No
307	GOM_NL__2PRFIN20100816_230935_000000462092_00101_44243_5874.N1	16-AUG-2010 23:09:35	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	44243	No
308	GOM_NL__2PRFIN20100816_232331_000000522092_00102_44244_5884.N1	16-AUG-2010 23:23:31	Dark	51.500	157	The1Eri	2.9060	9300.0	103	44244	No
309	GOM_NL__2PRFIN20100816_232733_000000452092_00102_44244_5885.N1	16-AUG-2010 23:27:33	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44244	No
310	GOM_NL__2PRFIN20100816_233319_000000552092_00102_44244_5886.N1	16-AUG-2010 23:33:19	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44244	No
311	GOM_NL__2PRFIN20100816_233649_000000432092_00102_44244_5887.N1	16-AUG-2010 23:36:49	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44244	No
312	GOM_NL__2PRFIN20100816_234046_000000572092_00102_44244_5888.N1	16-AUG-2010 23:40:46	Twilight	57.000	18	24Alp PsA	1.1660	9700.0	114	44244	No
313	GOM_NL__2PRFIN20100816_234624_000000422092_00102_44244_5889.N1	16-AUG-2010 23:46:24	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	44244	No
314	GOM_NL__2PRFIN20100816_234951_000000432092_00102_44244_5890.N1	16-AUG-2010 23:49:51	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44244	No
315	GOM_NL__2PRFIN20100816_235151_000000472092_00102_44244_5891.N1	16-AUG-2010 23:51:51	Bright	47.000	162	34Alp Aqr	2.9440	5350.0	94	44244	No
316	GOM_NL__2PRFIN20100816_235502_000000452092_00102_44244_5892.N1	16-AUG-2010 23:55:02	Bright	44.500	61	8Eps Peg	2.1000	3900.0	89	44244	No

### 3. Quality information per product

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

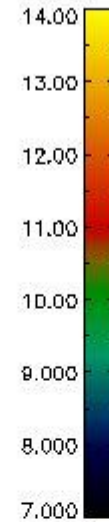
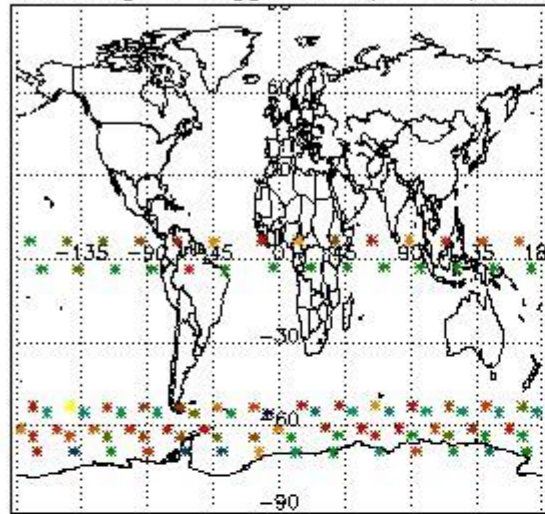
#### 3.1 Plot quality information per product (time dependant)



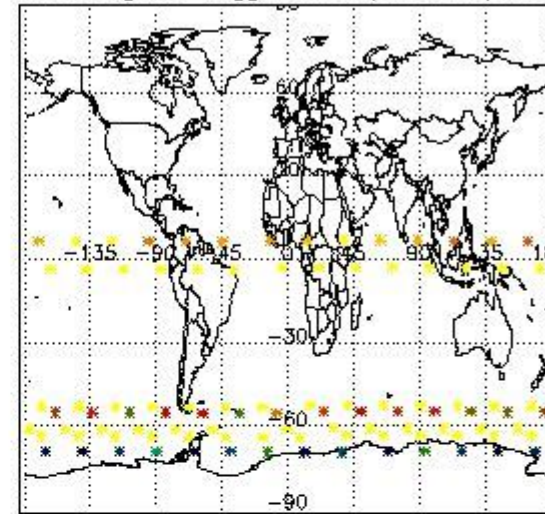
*3.2 Plot quality information per product (world map)*



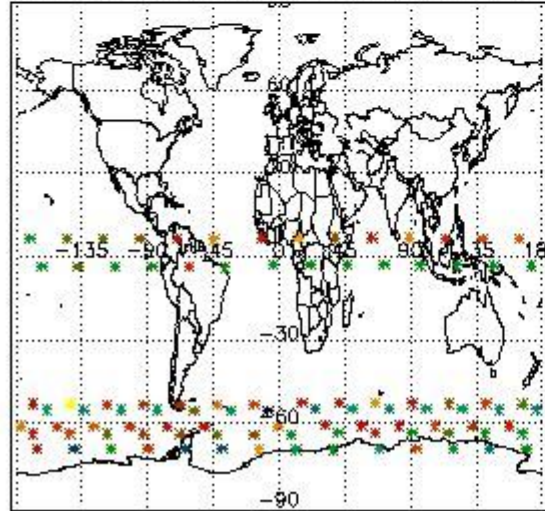
Percentage of flagged data per O3 profile



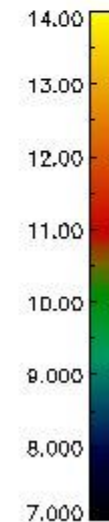
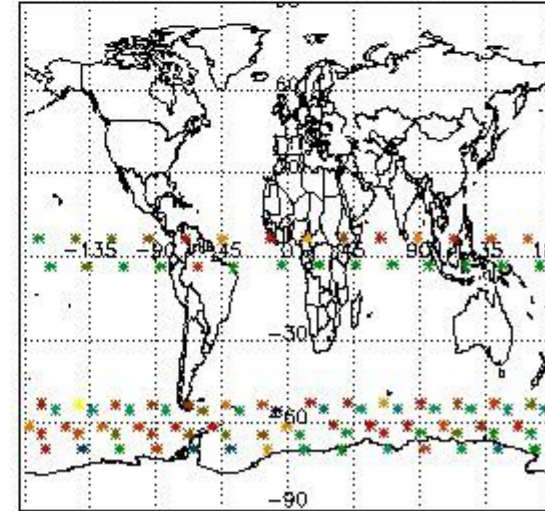
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

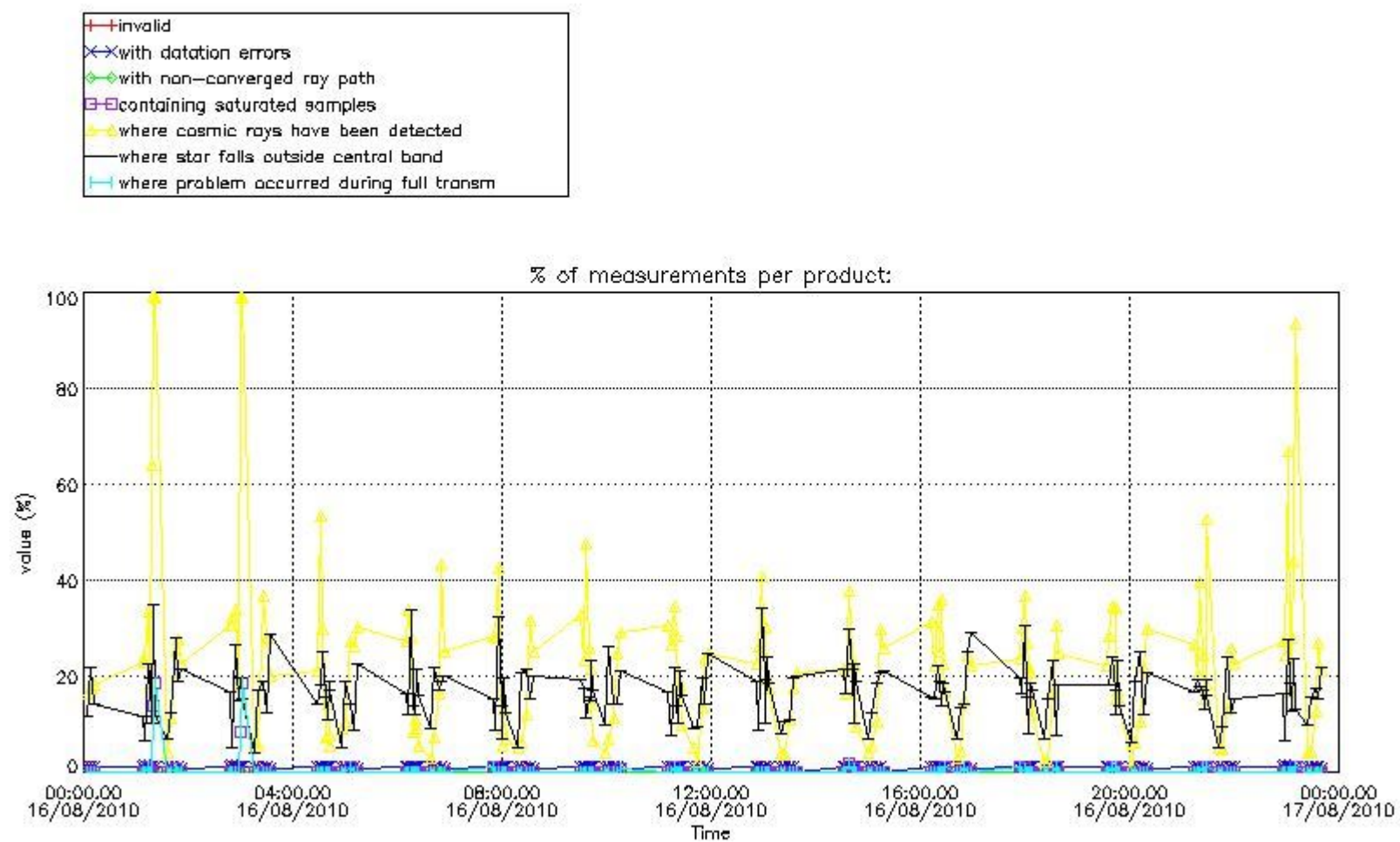


#### 4. Level 1 quality information per product

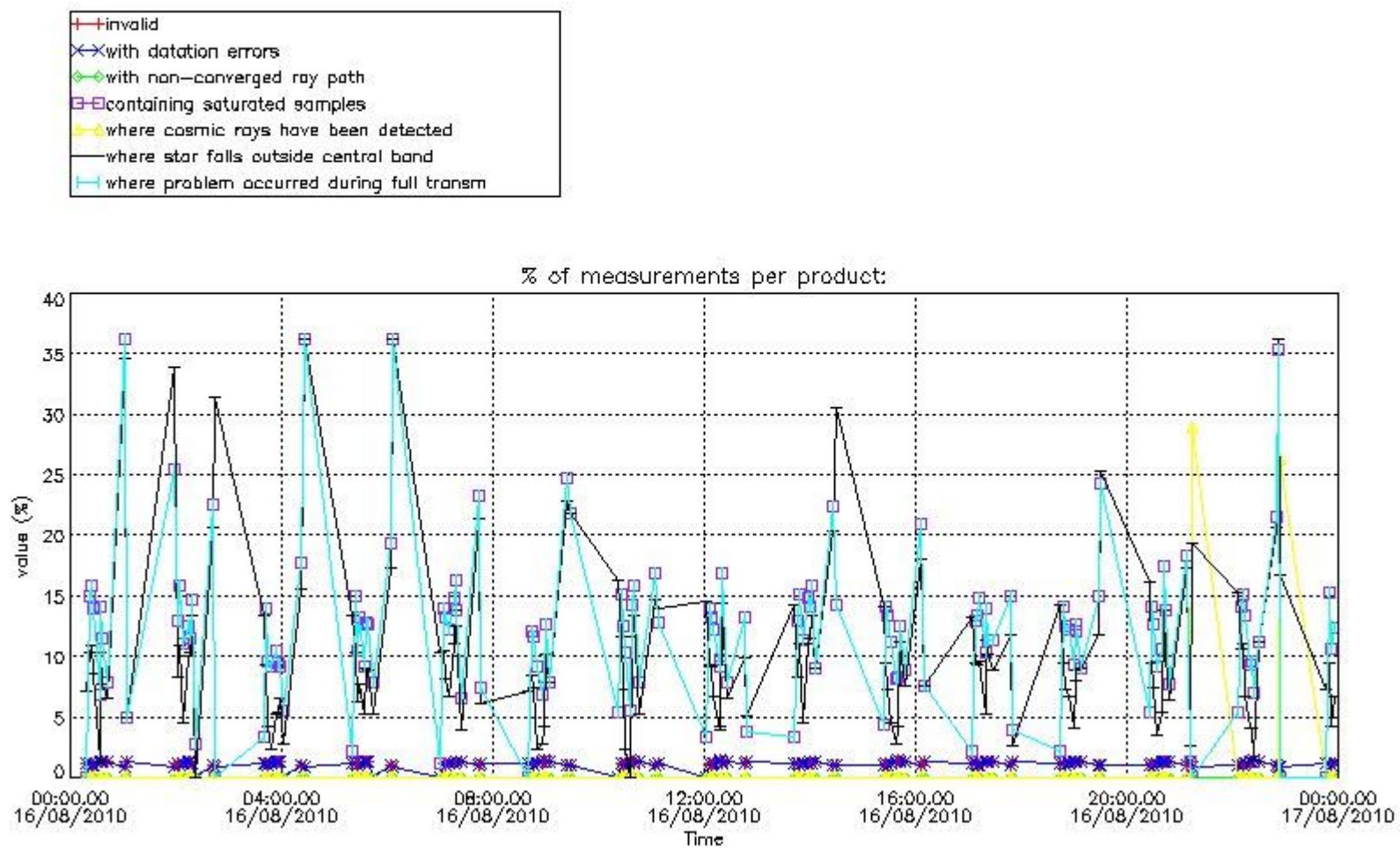
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

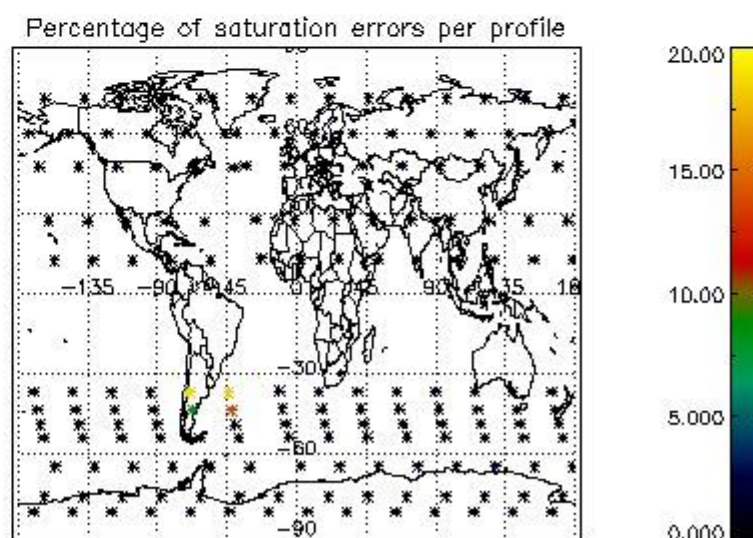
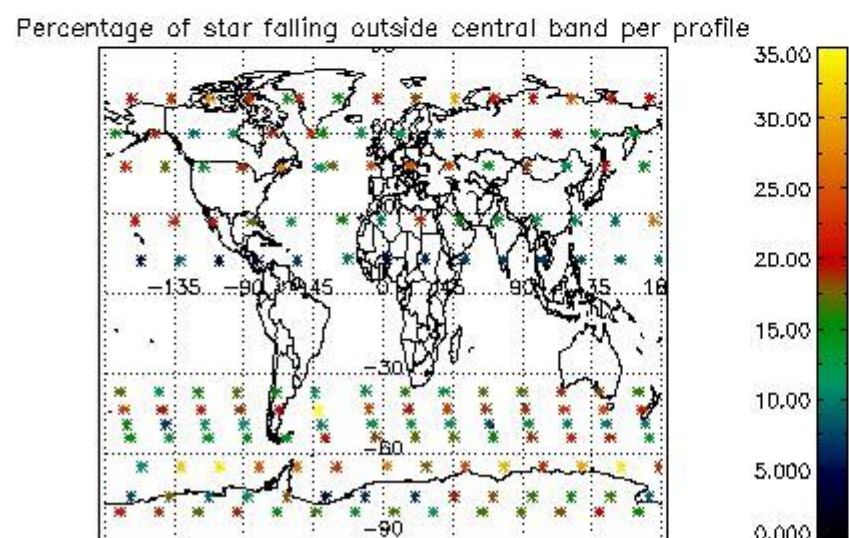
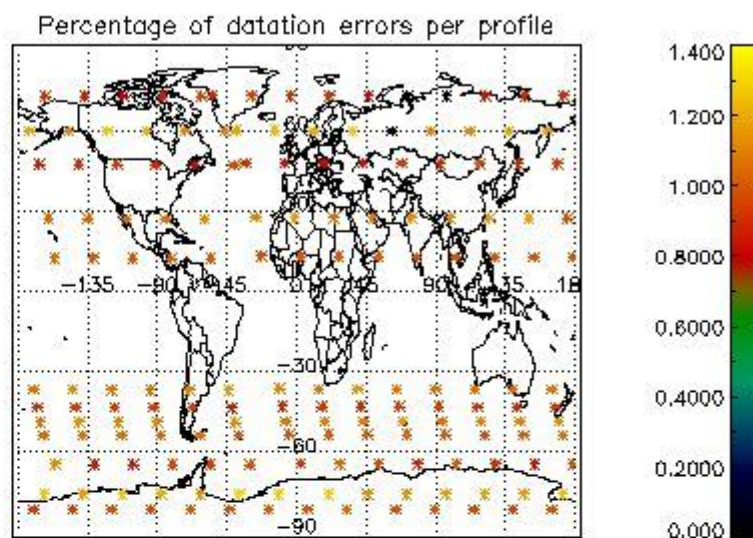
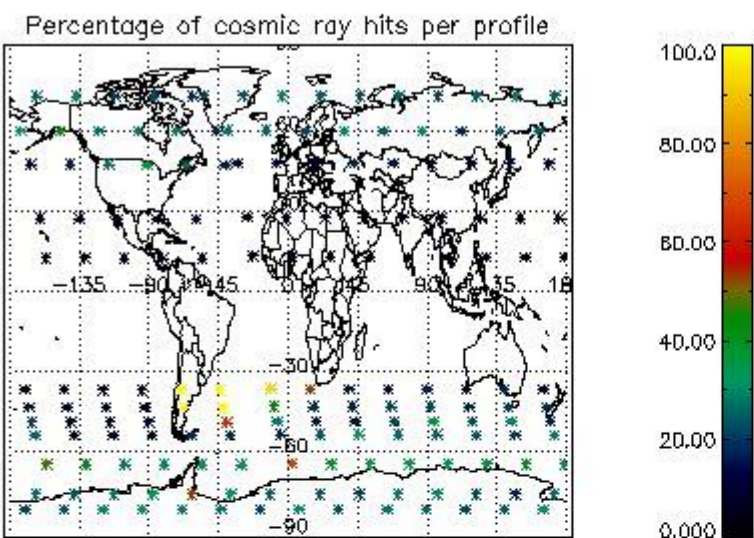


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

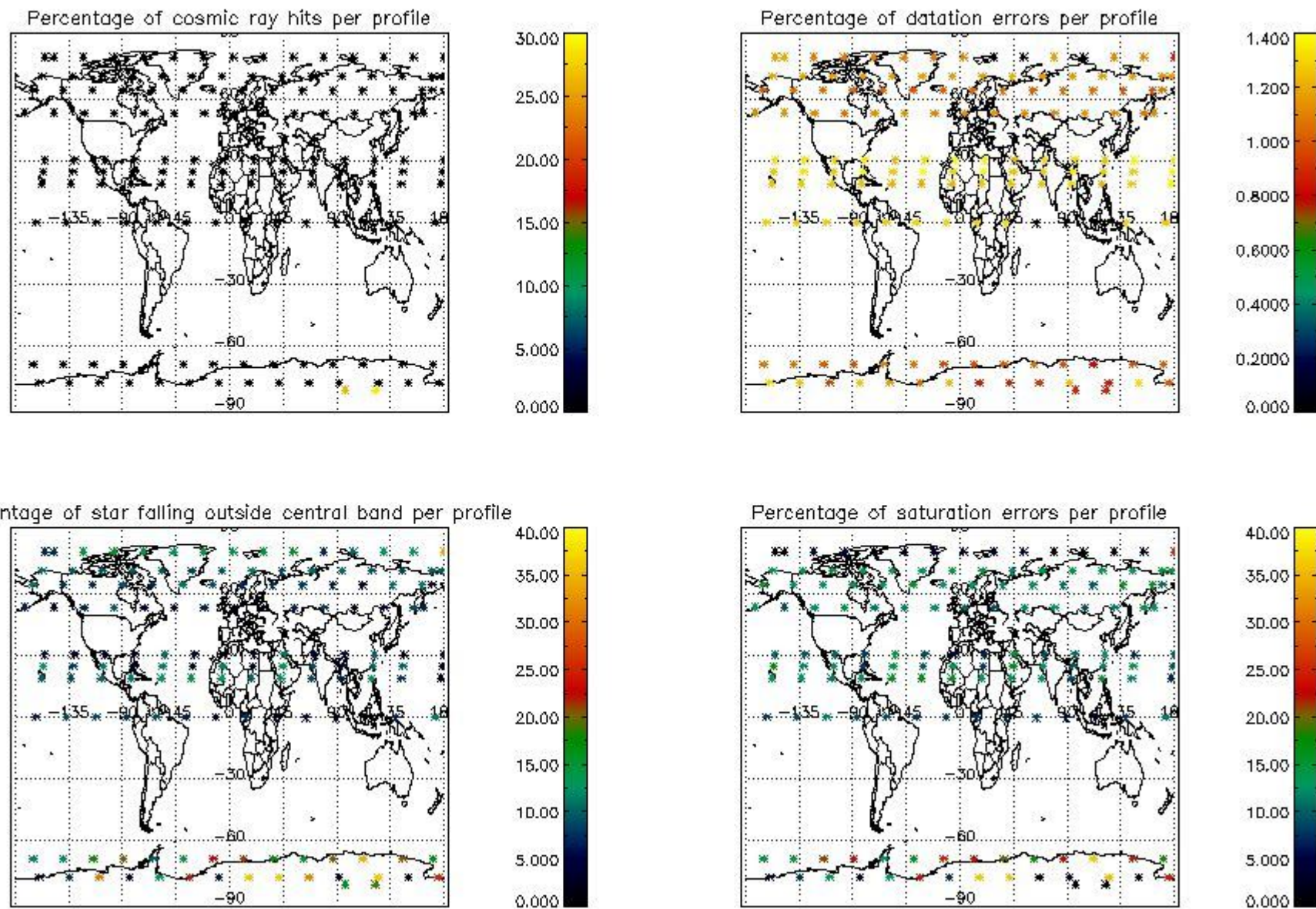


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

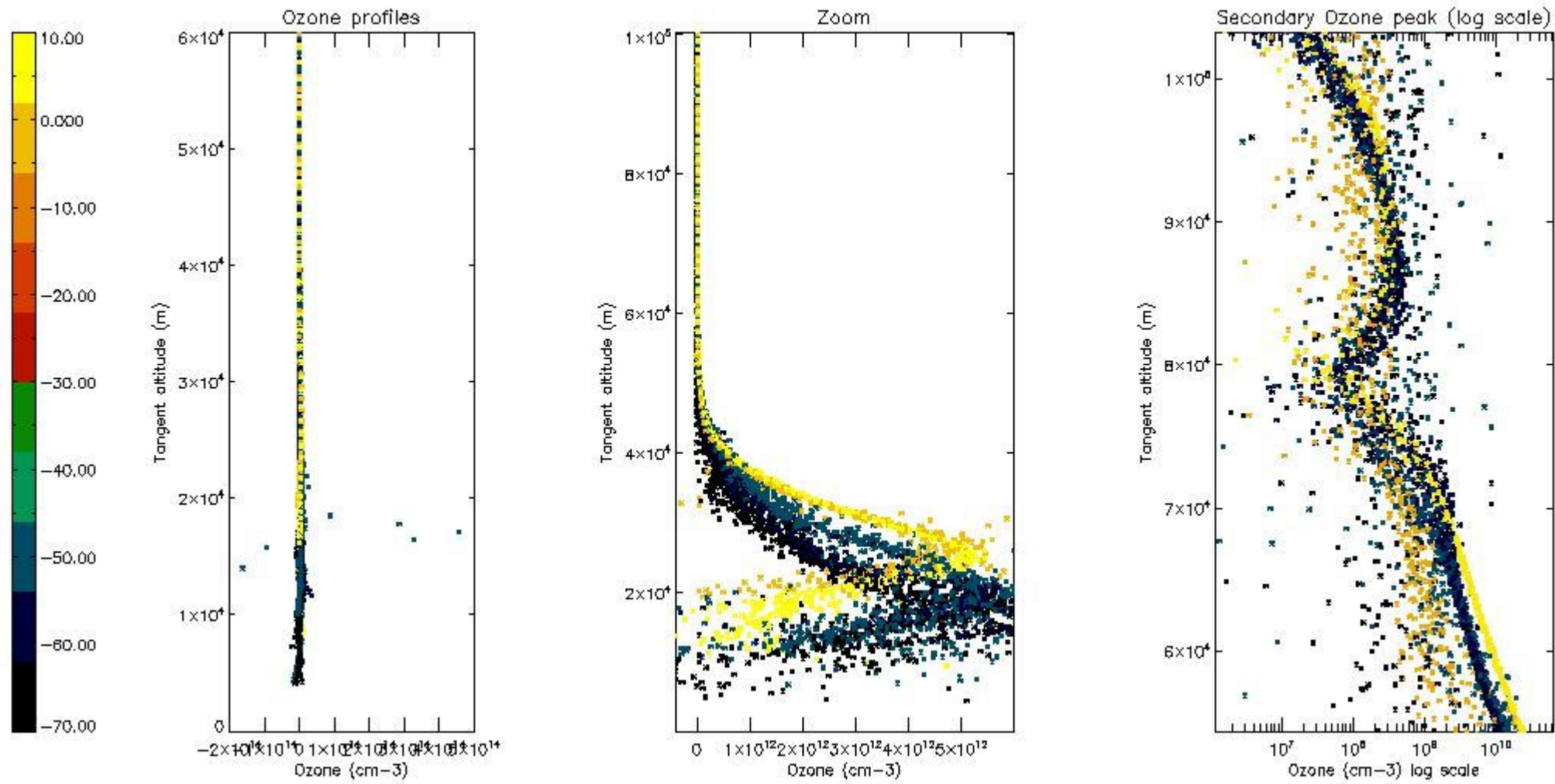
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	18

STD < 10	15
STD < 5	10

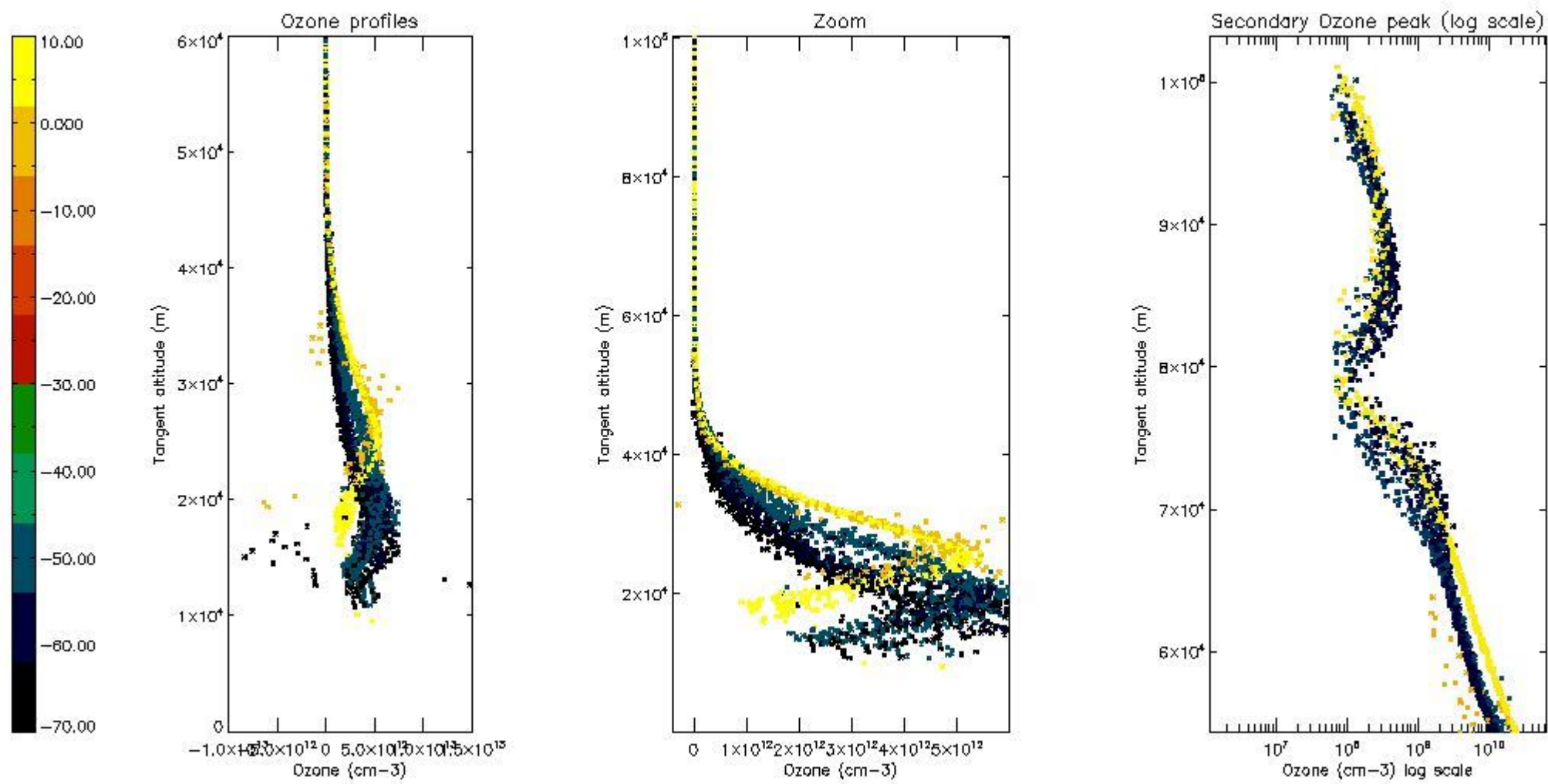
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



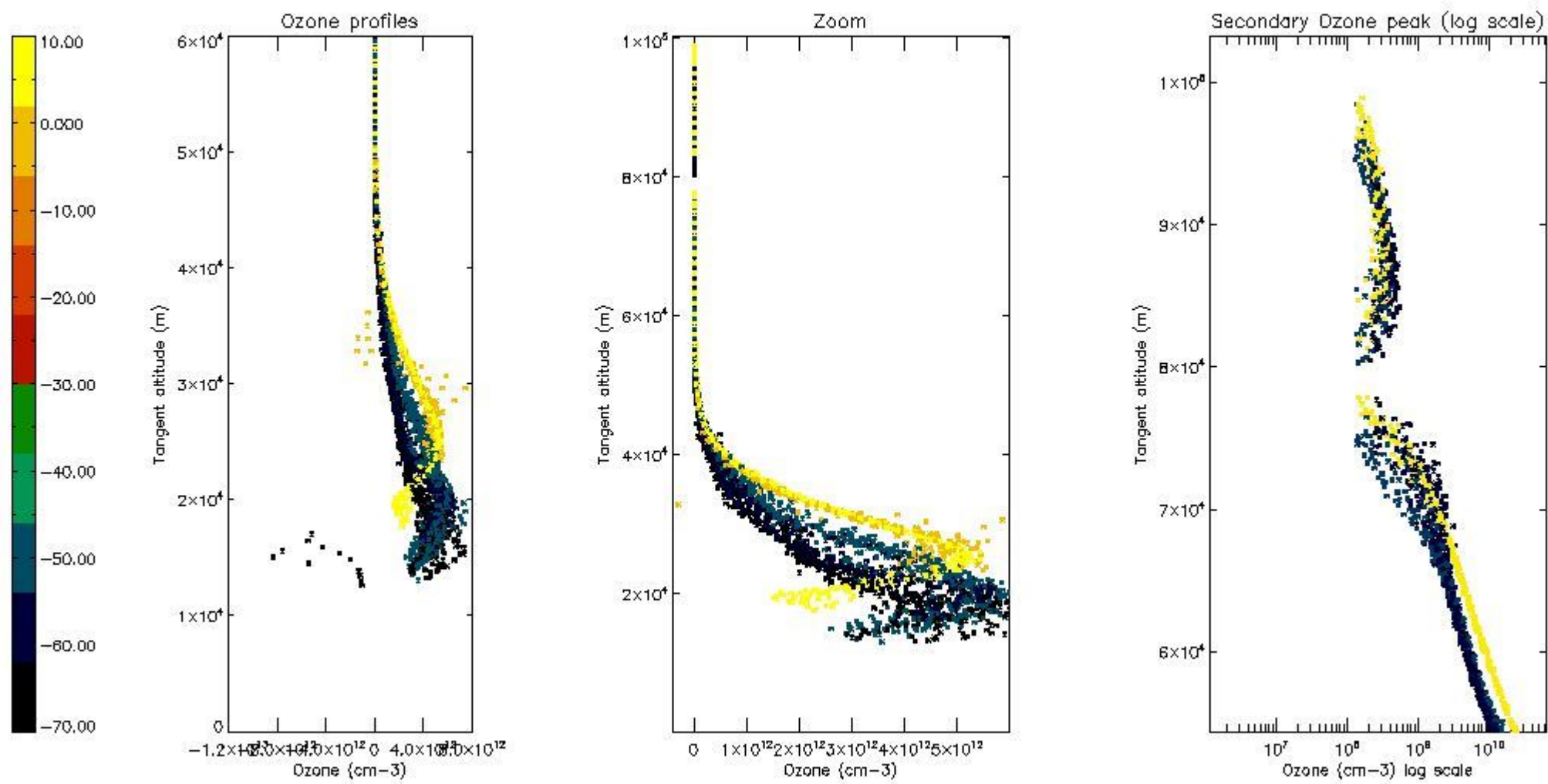
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

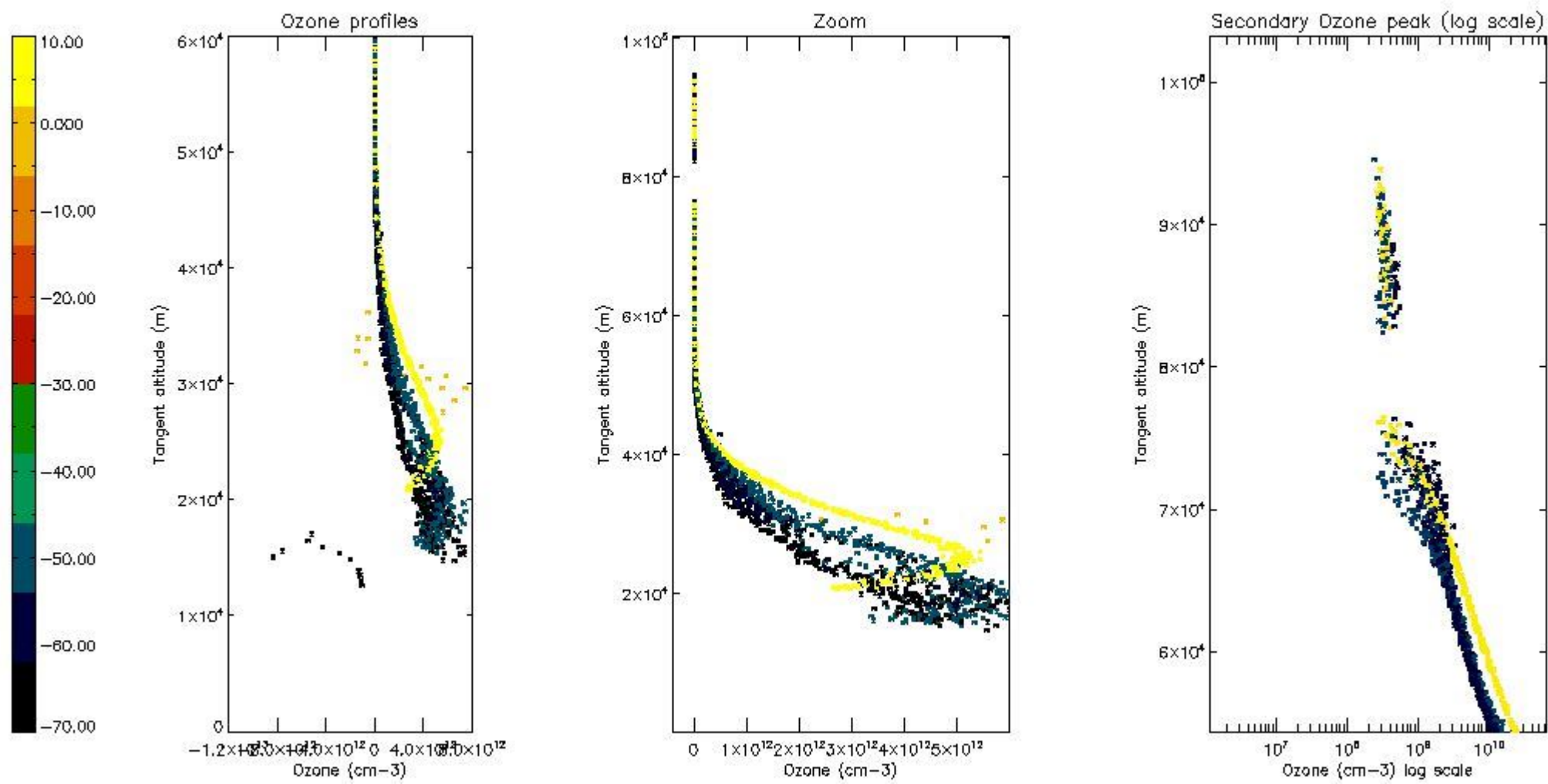
The colorbar represents the latitude.



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

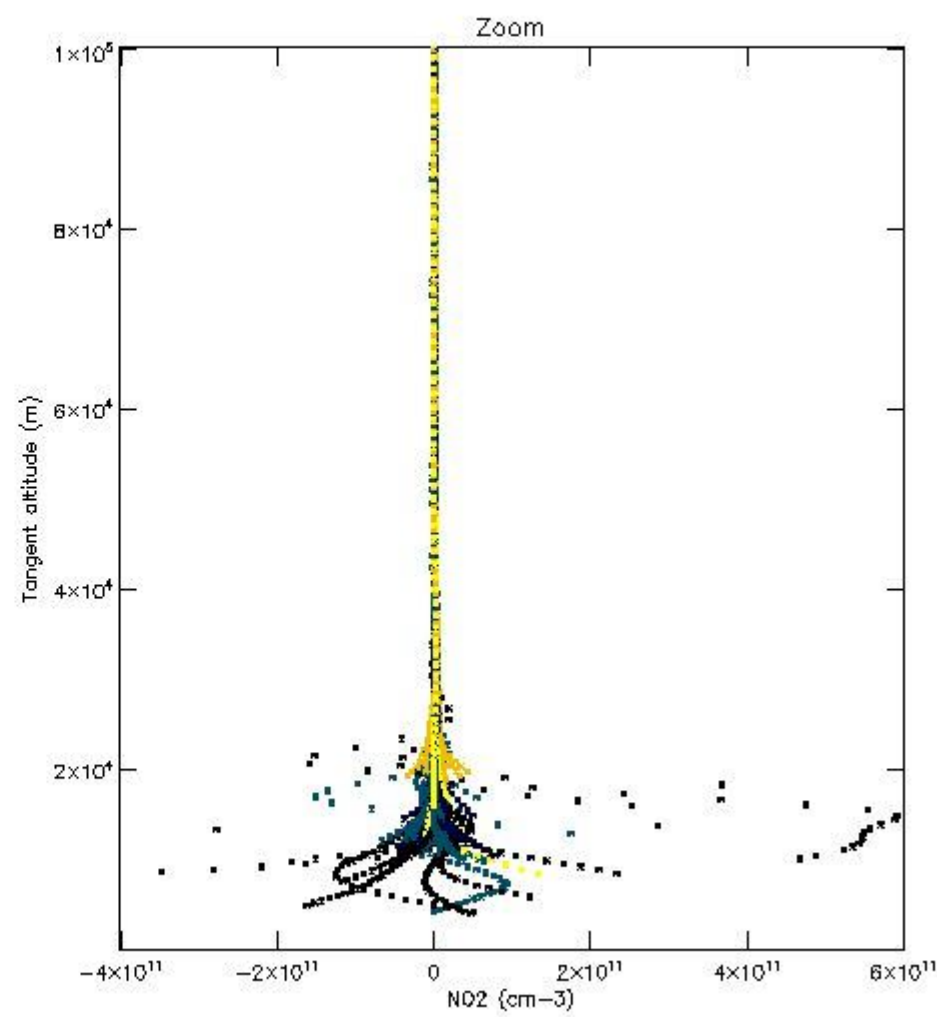
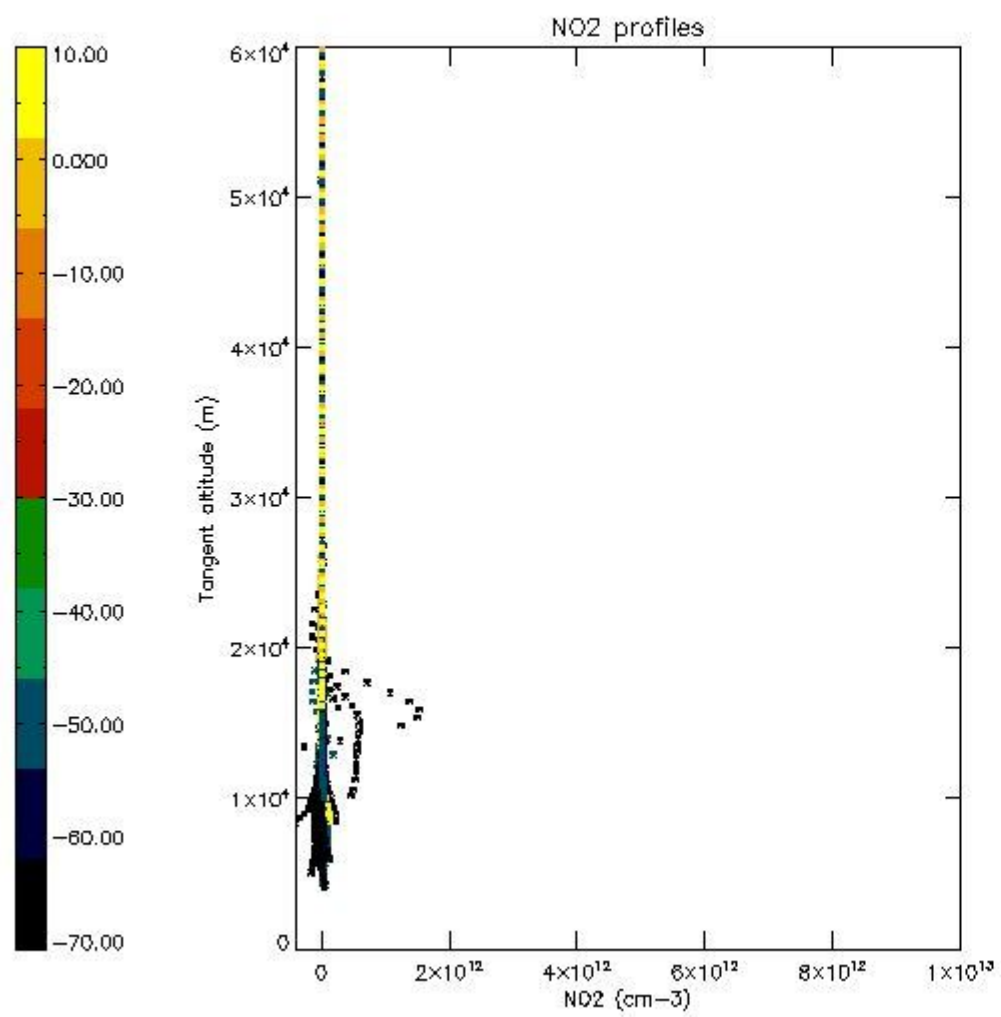
The colorbar represents the latitude.





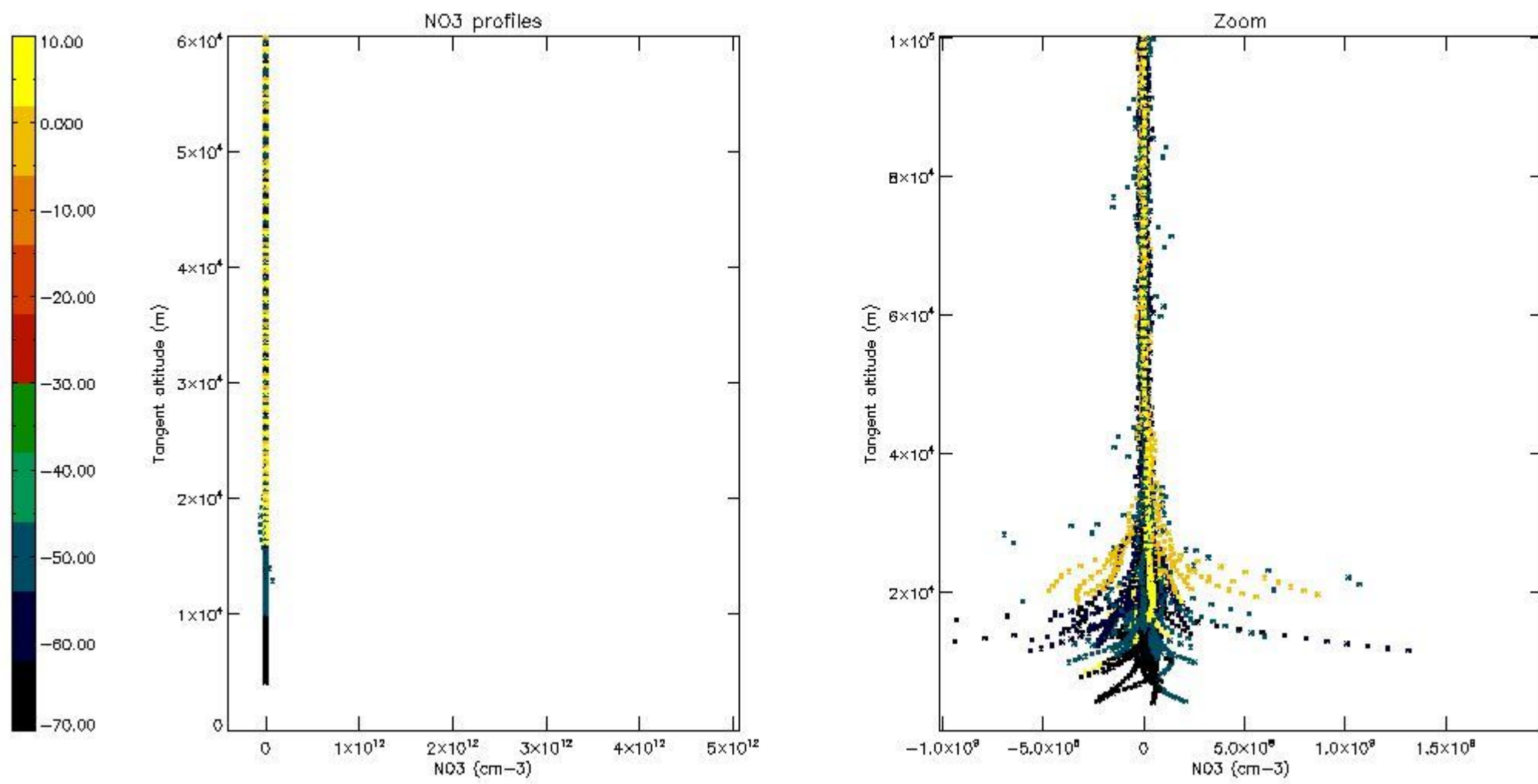
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



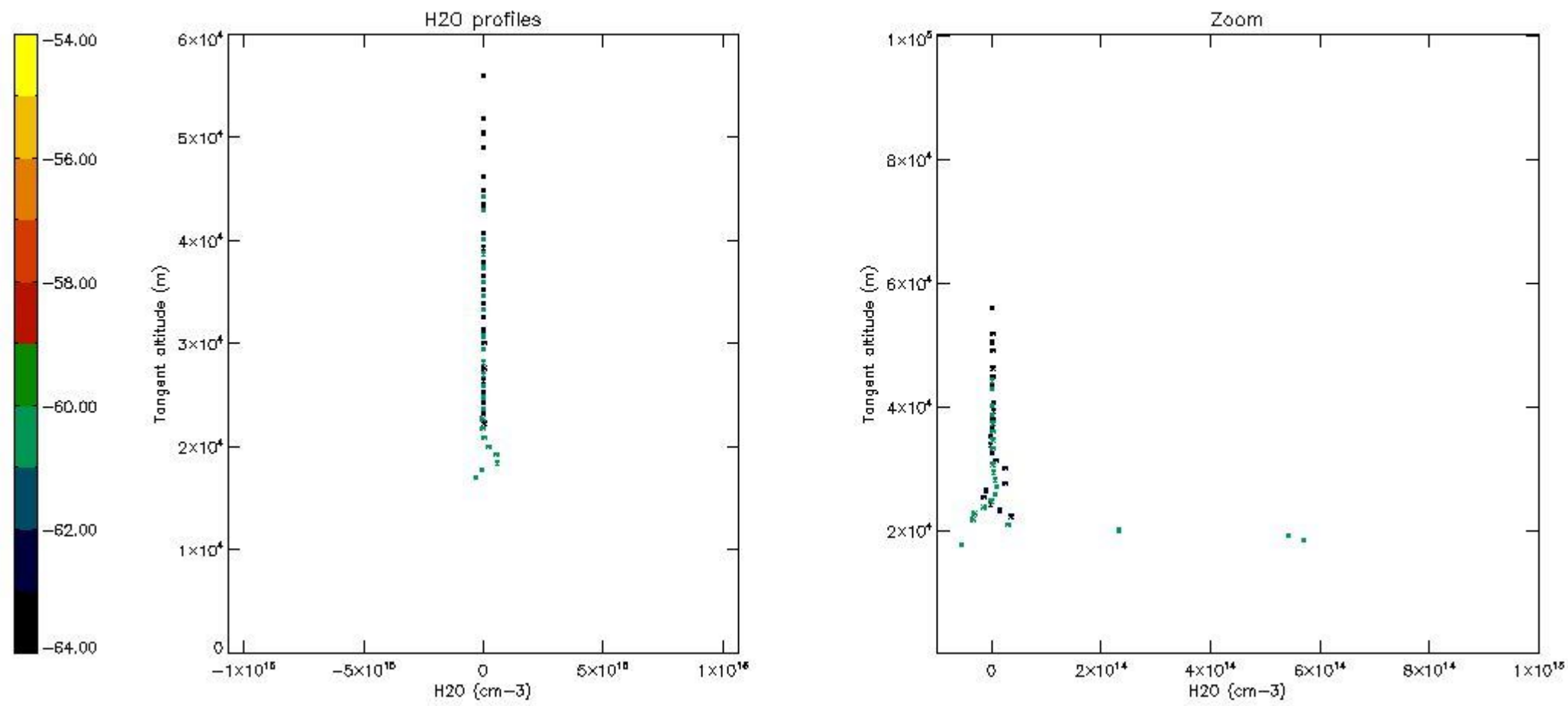
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	16-AUG-2010 00:04:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-AUG-2010 00:04:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-AUG-2010 00:04:44

# GOMOS Level 2 Daily Report

## SUMMARY

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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	29APR2013 14:16:16
Data source version	GOMOS/6.01
Start time of products	16-08-2010 (16AUG2010 00:00:00)
Stop time of products	17-08-2010 (17AUG2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	316
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__2PRFIN20100816_000444_000000522092_00088_44230_5287.N1	16-AUG-2010 00:04:44	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	44230	No
2	GOM_NL__2PRFIN20100816_000821_000000462092_00088_44230_5288.N1	16-AUG-2010 00:08:21	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	44230	No
3	GOM_NL__2PRFIN20100816_001217_000000532092_00088_44230_5289.N1	16-AUG-2010 00:12:17	Twilight_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	44230	No
4	GOM_NL__2PRFIN20100816_001759_000000432092_00088_44230_5290.N1	16-AUG-2010 00:17:59	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	44230	No
5	GOM_NL__2PRFIN20100816_002128_000000442092_00088_44230_5291.N1	16-AUG-2010 00:21:28	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	44230	No
6	GOM_NL__2PRFIN20100816_002332_000000512092_00088_44230_5292.N1	16-AUG-2010 00:23:32	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	44230	No
7	GOM_NL__2PRFIN20100816_002643_000000472092_00088_44230_5293.N1	16-AUG-2010 00:26:43	Bright	46.500	61	8Eps Peg	2.1000	3900.0	93	44230	No
8	GOM_NL__2PRFIN20100816_003312_000000372092_00088_44230_5294.N1	16-AUG-2010 00:33:12	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	44230	No
9	GOM_NL__2PRFIN20100816_003446_000000392092_00088_44230_5295.N1	16-AUG-2010 00:34:46	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	44230	No
10	GOM_NL__2PRFIN20100816_003624_000000392092_00088_44230_5296.N1	16-AUG-2010 00:36:24	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	44230	No
11	GOM_NL__2PRFIN20100816_004145_000000392092_00088_44230_5297.N1	16-AUG-2010 00:41:45	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44230	No
12	GOM_NL__2PRFIN20100816_010122_000000622092_00088_44230_5298.N1	16-AUG-2010 01:01:22	Bright	62.000	6	13Alp Aur	0.080000	3400.0	124	44230	No
13	GOM_NL__2PRFIN20100816_010414_000000402092_00088_44230_5299.N1	16-AUG-2010 01:04:14	Bright	40.000	107	37The Aur	2.6490	11000.	80	44230	No
14	GOM_NL__2PRFIN20100816_010720_000000482092_00088_44230_5300.N1	16-AUG-2010 01:07:20	Twilight_stray	48.000	28	12Bet Tau	1.6500	15200.	96	44230	No
15	GOM_NL__2PRFIN20100816_011008_000000392092_00088_44230_5301.N1	16-AUG-2010 01:10:08	Twilight_stray	39.000	44	24Gam Gem	1.9280	11000.	78	44230	No
16	GOM_NL__2PRFIN20100816_011338_000000512092_00088_44230_5302.N1	16-AUG-2010 01:13:38	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	44230	No
17	GOM_NL__2PRFIN20100816_011649_000000512092_00088_44230_5303.N1	16-AUG-2010 01:16:49	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	44230	No
18	GOM_NL__2PRFIN20100816_011813_000000452092_00088_44230_5304.N1	16-AUG-2010 01:18:13	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	44230	No
19	GOM_NL__2PRFIN20100816_011947_000000662092_00088_44230_5305.N1	16-AUG-2010 01:19:47	Dark	66.000	7	19Bet Ori	0.10000	14000.	132	44230	No
20	GOM_NL__2PRFIN20100816_012139_000000442092_00088_44230_5306.N1	16-AUG-2010 01:21:39	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	44230	No
21	GOM_NL__2PRFIN20100816_013528_000000502092_00089_44231_5299.N1	16-AUG-2010 01:35:28	Dark	50.000	157	The1Eri	2.9060	9300.0	100	44231	No
22	GOM_NL__2PRFIN20100816_013937_000000452092_00089_44231_5300.N1	16-AUG-2010 01:39:37	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44231	No
23	GOM_NL__2PRFIN20100816_014521_000000652092_00089_44231_5301.N1	16-AUG-2010 01:45:21	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	44231	No
24	GOM_NL__2PRFIN20100816_014857_000000452092_00089_44231_5302.N1	16-AUG-2010 01:48:57	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	44231	No
25	GOM_NL__2PRFIN20100816_015254_000000582092_00089_44231_5303.N1	16-AUG-2010 01:52:54	Twilight_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	44231	No
26	GOM_NL__2PRFIN20100816_015835_000000592092_00089_44231_5304.N1	16-AUG-2010 01:58:35	Bright	59.000	142	49Del Cap	2.8500	8900.0	118	44231	No
27	GOM_NL__2PRFIN20100816_020204_000000432092_00089_44231_5305.N1	16-AUG-2010 02:02:04	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44231	No
28	GOM_NL__2PRFIN20100816_020407_000000512092_00089_44231_5306.N1	16-AUG-2010 02:04:07	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	44231	No
29	GOM_NL__2PRFIN20100816_020719_000000452092_00089_44231_5307.N1	16-AUG-2010 02:07:19	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44231	No
30	GOM_NL__2PRFIN20100816_021347_000000402092_00089_44231_5308.N1	16-AUG-2010 02:13:47	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	44231	No
31	GOM_NL__2PRFIN20100816_021522_000000392092_00089_44231_5309.N1	16-AUG-2010 02:15:22	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	44231	No
32	GOM_NL__2PRFIN20100816_021700_000000412092_00089_44231_5310.N1	16-AUG-2010 02:17:00	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	44231	No
33	GOM_NL__2PRFIN20100816_022221_000000362092_00089_44231_5311.N1	16-AUG-2010 02:22:21	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	44231	No
34	GOM_NL__2PRFIN20100816_024158_000000512092_00089_44231_5312.N1	16-AUG-2010 02:41:58	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	44231	No
35	GOM_NL__2PRFIN20100816_024450_000000542092_00089_44231_5313.N1	16-AUG-2010 02:44:50	Bright	54.000	107	37The Aur	2.6490	11000.	108	44231	No
36	GOM_NL__2PRFIN20100816_024756_000000512092_00089_44231_5314.N1	16-AUG-2010 02:47:56	Twilight_stray	51.000	28	12Bet Tau	1.6500	15200.	102	44231	No
37	GOM_NL__2PRFIN20100816_025044_000000392092_00089_44231_5315.N1	16-AUG-2010 02:50:44	Twilight_stray	38.500	44	24Gam Gem	1.9280	11000.	77	44231	No
38	GOM_NL__2PRFIN20100816_025414_000000532092_00089_44231_5316.N1	16-AUG-2010 02:54:14	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	44231	No
39	GOM_NL__2PRFIN20100816_025725_000000482092_00089_44231_5317.N1	16-AUG-2010 02:57:25	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	44231	No
40	GOM_NL__2PRFIN20100816_030024_000000532092_00089_44231_5318.N1	16-AUG-2010 03:00:24	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	44231	No
41	GOM_NL__2PRFIN20100816_030216_000000462092_00089_44231_5319.N1	16-AUG-2010 03:02:16	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	44231	No
42	GOM_NL__2PRFIN20100816_031605_000000492092_00090_44232_5312.N1	16-AUG-2010 03:16:05	Dark	49.000	157	The1Eri	2.9060	9300.0	98	44232	No

43	GOM_NL__2PRFIN20100816_032014_000000472092_00090_44232_5313.N1	16-AUG-2010 03:20:14	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44232	No
44	GOM_NL__2PRFIN20100816_032558_000000562092_00090_44232_5314.N1	16-AUG-2010 03:25:58	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44232	No
45	GOM_NL__2PRFIN20100816_032934_000000412092_00090_44232_5315.N1	16-AUG-2010 03:29:34	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	44232	No
46	GOM_NL__2PRFIN20100816_033330_000000632092_00090_44232_5316.N1	16-AUG-2010 03:33:30	Tw_i_and_stray	63.000	18	24Alp PsA	1.1660	9700.0	126	44232	No
47	GOM_NL__2PRFIN20100816_033911_000000452092_00090_44232_5317.N1	16-AUG-2010 03:39:11	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	44232	No
48	GOM_NL__2PRFIN20100816_034239_000000432092_00090_44232_5318.N1	16-AUG-2010 03:42:39	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	44232	No
49	GOM_NL__2PRFIN20100816_034443_000000472092_00090_44232_5319.N1	16-AUG-2010 03:44:43	Bright	47.000	162	34Alp Aqr	2.9440	5350.0	94	44232	No
50	GOM_NL__2PRFIN20100816_034755_000000442092_00090_44232_5320.N1	16-AUG-2010 03:47:55	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	44232	No
51	GOM_NL__2PRFIN20100816_035423_000000382092_00090_44232_5321.N1	16-AUG-2010 03:54:23	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	44232	No
52	GOM_NL__2PRFIN20100816_035558_000000372092_00090_44232_5322.N1	16-AUG-2010 03:55:58	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	44232	No
53	GOM_NL__2PRFIN20100816_035735_000000382092_00090_44232_5323.N1	16-AUG-2010 03:57:35	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	44232	No
54	GOM_NL__2PRFIN20100816_040257_000000372092_00090_44232_5324.N1	16-AUG-2010 04:02:57	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	44232	No
55	GOM_NL__2PRFIN20100816_042234_000000482092_00090_44232_5325.N1	16-AUG-2010 04:22:34	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	44232	No
56	GOM_NL__2PRFIN20100816_042527_000000582092_00090_44232_5326.N1	16-AUG-2010 04:25:27	Bright	58.000	107	37The Aur	2.6490	11000.	116	44232	No
57	GOM_NL__2PRFIN20100816_042832_000000502092_00090_44232_5327.N1	16-AUG-2010 04:28:32	Tw_i_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	44232	No
58	GOM_NL__2PRFIN20100816_043121_000000442092_00090_44232_5328.N1	16-AUG-2010 04:31:21	Tw_i_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	44232	No
59	GOM_NL__2PRFIN20100816_043450_000000522092_00090_44232_5329.N1	16-AUG-2010 04:34:50	Dark	52.000	14	58Alp Ori	0.87000	3000.0	104	44232	No
60	GOM_NL__2PRFIN20100816_043802_000000492092_00090_44232_5330.N1	16-AUG-2010 04:38:02	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	44232	No
61	GOM_NL__2PRFIN20100816_043927_000000462092_00090_44232_5331.N1	16-AUG-2010 04:39:27	Dark	45.500	125	44lot Ori	2.7700	30000.	91	44232	No
62	GOM_NL__2PRFIN20100816_044100_000000532092_00090_44232_5332.N1	16-AUG-2010 04:41:00	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	44232	No
63	GOM_NL__2PRFIN20100816_044253_000000472092_00090_44232_5333.N1	16-AUG-2010 04:42:53	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	44232	No
64	GOM_NL__2PRFIN20100816_045642_000000502092_00091_44233_5328.N1	16-AUG-2010 04:56:42	Dark	50.000	157	The1Eri	2.9060	9300.0	100	44233	No
65	GOM_NL__2PRFIN20100816_050050_000000482092_00091_44233_5329.N1	16-AUG-2010 05:00:50	Dark	47.500	9	Alp Eri	0.45300	24000.	95	44233	No
66	GOM_NL__2PRFIN20100816_050634_000000542092_00091_44233_5330.N1	16-AUG-2010 05:06:34	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44233	No
67	GOM_NL__2PRFIN20100816_051010_000000402092_00091_44233_5331.N1	16-AUG-2010 05:10:10	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	44233	No
68	GOM_NL__2PRFIN20100816_051406_000000582092_00091_44233_5332.N1	16-AUG-2010 05:14:06	Tw_i_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	44233	No
69	GOM_NL__2PRFIN20100816_051947_000000452092_00091_44233_5333.N1	16-AUG-2010 05:19:47	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	44233	No
70	GOM_NL__2PRFIN20100816_052316_000000442092_00091_44233_5334.N1	16-AUG-2010 05:23:16	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	44233	No
71	GOM_NL__2PRFIN20100816_052519_000000482092_00091_44233_5335.N1	16-AUG-2010 05:25:19	Bright	47.500	162	34Alp Aqr	2.9440	5350.0	95	44233	No
72	GOM_NL__2PRFIN20100816_052831_000000462092_00091_44233_5336.N1	16-AUG-2010 05:28:31	Bright	45.500	61	8Eps Peg	2.1000	3900.0	91	44233	No
73	GOM_NL__2PRFIN20100816_053459_000000382092_00091_44233_5337.N1	16-AUG-2010 05:34:59	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	44233	No
74	GOM_NL__2PRFIN20100816_053634_000000392092_00091_44233_5338.N1	16-AUG-2010 05:36:34	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	44233	No
75	GOM_NL__2PRFIN20100816_053811_000000402092_00091_44233_5339.N1	16-AUG-2010 05:38:11	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	44233	No
76	GOM_NL__2PRFIN20100816_054332_000000382092_00091_44233_5340.N1	16-AUG-2010 05:43:32	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44233	No
77	GOM_NL__2PRFIN20100816_060310_000000492092_00091_44233_5341.N1	16-AUG-2010 06:03:10	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	44233	No
78	GOM_NL__2PRFIN20100816_060603_000000582092_00091_44233_5342.N1	16-AUG-2010 06:06:03	Bright	58.000	107	37The Aur	2.6490	11000.	116	44233	No
79	GOM_NL__2PRFIN20100816_060908_000000522092_00091_44233_5343.N1	16-AUG-2010 06:09:08	Tw_i_and_stray	51.500	28	12Bet Tau	1.6500	15200.	103	44233	No
80	GOM_NL__2PRFIN20100816_061157_000000422092_00091_44233_5344.N1	16-AUG-2010 06:11:57	Tw_i_and_stray	41.500	44	24Gam Gem	1.9280	11000.	83	44233	No
81	GOM_NL__2PRFIN20100816_061527_000000592092_00091_44233_5345.N1	16-AUG-2010 06:15:27	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	44233	No
82	GOM_NL__2PRFIN20100816_061838_000000482092_00091_44233_5346.N1	16-AUG-2010 06:18:38	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	44233	No
83	GOM_NL__2PRFIN20100816_062003_000000462092_00091_44233_5347.N1	16-AUG-2010 06:20:03	Dark	45.500	125	44lot Ori	2.7700	30000.	91	44233	No
84	GOM_NL__2PRFIN20100816_062137_000000542092_00091_44233_5348.N1	16-AUG-2010 06:21:37	Dark	54.000	7	19Bet Ori	0.10000	14000.	108	44233	No
85	GOM_NL__2PRFIN20100816_062329_000000472092_00091_44233_5349.N1	16-AUG-2010 06:23:29	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	44233	No
86	GOM_NL__2PRFIN20100816_063720_000000512092_00092_44234_5477.N1	16-AUG-2010 06:37:20	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44234	No
87	GOM_NL__2PRFIN20100816_064127_000000492092_00092_44234_5478.N1	16-AUG-2010 06:41:27	Dark	48.500	9	Alp Eri	0.45300	24000.	97	44234	No
88	GOM_NL__2PRFIN20100816_064711_000000562092_00092_44234_5479.N1	16-AUG-2010 06:47:11	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44234	No
89	GOM_NL__2PRFIN20100816_065046_000000452092_00092_44234_5480.N1	16-AUG-2010 06:50:46	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	44234	No
90	GOM_NL__2PRFIN20100816_065443_000000562092_00092_44234_5481.N1	16-AUG-2010 06:54:43	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	44234	No
91	GOM_NL__2PRFIN20100816_070023_000000442092_00092_44234_5482.N1	16-AUG-2010 07:00:23	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	44234	No
92	GOM_NL__2PRFIN20100816_070351_000000432092_00092_44234_5483.N1	16-AUG-2010 07:03:51	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	44234	No
93	GOM_NL__2PRFIN20100816_070554_000000492092_00092_44234_5484.N1	16-AUG-2010 07:05:54	Bright	49.000	162	34Alp Aqr	2.9440	5350.0	98	44234	No
94	GOM_NL__2PRFIN20100816_070906_000000452092_00092_44234_5485.N1	16-AUG-2010 07:09:06	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44234	No
95	GOM_NL__2PRFIN20100816_071535_000000412092_00092_44234_5486.N1	16-AUG-2010 07:15:35	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	44234	No
96	GOM_NL__2PRFIN20100816_071710_000000402092_00092_44234_5487.N1	16-AUG-2010 07:17:10	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	44234	No
97	GOM_NL__2PRFIN20100816_071847_000000402092_00092_44234_5488.N1	16-AUG-2010 07:18:47	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	44234	No
98	GOM_NL__2PRFIN20100816_072408_000000382092_00092_44234_5489.N1	16-AUG-2010 07:24:08	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44234	No
99	GOM_NL__2PRFIN20100816_074345_000000522092_00092_44234_5490.N1	16-AUG-2010 07:43:45	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	44234	No
100	GOM_NL__2PRFIN20100816_074638_000000412092_00092_44234_5491.N1	16-AUG-2010 07:46:38	Bright	40.500	107	37The Aur	2.6490	11000.	81	44234	No
101	GOM_NL__2PRFIN20100816_074945_000000502092_00092_44234_5492.N1	16-AUG-2010 07:49:45	Tw_i_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	44234	No

102	GOM_NL__2PRFIN20100816_075233_000000402092_00092_44234_5493.N1	16-AUG-2010 07:52:33	Twilight	39.500	44	24Gam Gem	1.9280	11000.	79	44234	No
103	GOM_NL__2PRFIN20100816_075603_000000592092_00092_44234_5494.N1	16-AUG-2010 07:56:03	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	44234	No
104	GOM_NL__2PRFIN20100816_075915_000000472092_00092_44234_5495.N1	16-AUG-2010 07:59:15	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	44234	No
105	GOM_NL__2PRFIN20100816_080040_000000442092_00092_44234_5496.N1	16-AUG-2010 08:00:40	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	44234	No
106	GOM_NL__2PRFIN20100816_080214_000000542092_00092_44234_5497.N1	16-AUG-2010 08:02:14	Dark	53.500	7	19Bet Ori	0.10000	14000.	107	44234	No
107	GOM_NL__2PRFIN20100816_080406_000000452092_00092_44234_5498.N1	16-AUG-2010 08:04:06	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	44234	No
108	GOM_NL__2PRFIN20100816_081757_000000492092_00093_44235_5485.N1	16-AUG-2010 08:17:57	Dark	48.500	157	The1Eri	2.9060	9300.0	97	44235	No
109	GOM_NL__2PRFIN20100816_082204_000000492092_00093_44235_5486.N1	16-AUG-2010 08:22:04	Dark	48.500	9	Alp Eri	0.45300	24000.	97	44235	No
110	GOM_NL__2PRFIN20100816_082748_000000582092_00093_44235_5487.N1	16-AUG-2010 08:27:48	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	44235	No
111	GOM_NL__2PRFIN20100816_083123_000000432092_00093_44235_5488.N1	16-AUG-2010 08:31:23	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44235	No
112	GOM_NL__2PRFIN20100816_083519_000000562092_00093_44235_5489.N1	16-AUG-2010 08:35:19	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	44235	No
113	GOM_NL__2PRFIN20100816_084059_000000432092_00093_44235_5490.N1	16-AUG-2010 08:40:59	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	44235	No
114	GOM_NL__2PRFIN20100816_084428_000000422092_00093_44235_5491.N1	16-AUG-2010 08:44:28	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	44235	No
115	GOM_NL__2PRFIN20100816_084631_000000482092_00093_44235_5492.N1	16-AUG-2010 08:46:31	Bright	47.500	162	34Alp Aqr	2.9440	5350.0	95	44235	No
116	GOM_NL__2PRFIN20100816_084941_000000442092_00093_44235_5493.N1	16-AUG-2010 08:49:41	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	44235	No
117	GOM_NL__2PRFIN20100816_085610_000000372092_00093_44235_5494.N1	16-AUG-2010 08:56:10	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	44235	No
118	GOM_NL__2PRFIN20100816_085746_000000362092_00093_44235_5495.N1	16-AUG-2010 08:57:46	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	44235	No
119	GOM_NL__2PRFIN20100816_085923_000000402092_00093_44235_5496.N1	16-AUG-2010 08:59:23	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	44235	No
120	GOM_NL__2PRFIN20100816_090444_000000392092_00093_44235_5497.N1	16-AUG-2010 09:04:44	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44235	No
121	GOM_NL__2PRFIN20100816_092421_000000532092_00093_44235_5498.N1	16-AUG-2010 09:24:21	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	44235	No
122	GOM_NL__2PRFIN20100816_092715_000000482092_00093_44235_5499.N1	16-AUG-2010 09:27:15	Bright	48.000	107	37The Aur	2.6490	11000.	96	44235	No
123	GOM_NL__2PRFIN20100816_093021_000000522092_00093_44235_5500.N1	16-AUG-2010 09:30:21	Twilight	52.000	28	12Bet Tau	1.6500	15200.	104	44235	No
124	GOM_NL__2PRFIN20100816_093309_000000432092_00093_44235_5501.N1	16-AUG-2010 09:33:09	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	44235	No
125	GOM_NL__2PRFIN20100816_093640_000000442092_00093_44235_5502.N1	16-AUG-2010 09:36:40	Dark	44.000	14	58Alp Ori	0.87000	3000.0	88	44235	No
126	GOM_NL__2PRFIN20100816_093951_000000492092_00093_44235_5503.N1	16-AUG-2010 09:39:51	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	44235	No
127	GOM_NL__2PRFIN20100816_094116_000000472092_00093_44235_5504.N1	16-AUG-2010 09:41:16	Dark	46.500	125	44Iot Ori	2.7700	30000.	93	44235	No
128	GOM_NL__2PRFIN20100816_094251_000000562092_00093_44235_5505.N1	16-AUG-2010 09:42:51	Dark	56.000	7	19Bet Ori	0.10000	14000.	112	44235	No
129	GOM_NL__2PRFIN20100816_094443_000000472092_00093_44235_5506.N1	16-AUG-2010 09:44:43	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	44235	No
130	GOM_NL__2PRFIN20100816_095834_000000522092_00094_44236_5517.N1	16-AUG-2010 09:58:34	Dark	51.500	157	The1Eri	2.9060	9300.0	103	44236	No
131	GOM_NL__2PRFIN20100816_100240_000000522092_00094_44236_5518.N1	16-AUG-2010 10:02:40	Dark	51.500	9	Alp Eri	0.45300	24000.	103	44236	No
132	GOM_NL__2PRFIN20100816_100825_000000532092_00094_44236_5519.N1	16-AUG-2010 10:08:25	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	44236	No
133	GOM_NL__2PRFIN20100816_101159_000000432092_00094_44236_5520.N1	16-AUG-2010 10:11:59	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44236	No
134	GOM_NL__2PRFIN20100816_101556_000000572092_00094_44236_5521.N1	16-AUG-2010 10:15:56	Twilight	56.500	18	24Alp PsA	1.1660	9700.0	113	44236	No
135	GOM_NL__2PRFIN20100816_102135_000000462092_00094_44236_5522.N1	16-AUG-2010 10:21:35	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	44236	No
136	GOM_NL__2PRFIN20100816_102504_000000432092_00094_44236_5523.N1	16-AUG-2010 10:25:04	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	44236	No
137	GOM_NL__2PRFIN20100816_102706_000000482092_00094_44236_5524.N1	16-AUG-2010 10:27:06	Bright	48.000	162	34Alp Aqr	2.9440	5350.0	96	44236	No
138	GOM_NL__2PRFIN20100816_103017_000000442092_00094_44236_5525.N1	16-AUG-2010 10:30:17	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	44236	No
139	GOM_NL__2PRFIN20100816_103646_000000362092_00094_44236_5526.N1	16-AUG-2010 10:36:46	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	44236	No
140	GOM_NL__2PRFIN20100816_103821_000000392092_00094_44236_5527.N1	16-AUG-2010 10:38:21	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	44236	No
141	GOM_NL__2PRFIN20100816_103959_000000412092_00094_44236_5528.N1	16-AUG-2010 10:39:59	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	44236	No
142	GOM_NL__2PRFIN20100816_104519_000000392092_00094_44236_5529.N1	16-AUG-2010 10:45:19	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44236	No
143	GOM_NL__2PRFIN20100816_110457_000000482092_00094_44236_5530.N1	16-AUG-2010 11:04:57	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	44236	No
144	GOM_NL__2PRFIN20100816_110751_000000432092_00094_44236_5531.N1	16-AUG-2010 11:07:51	Bright	43.000	107	37The Aur	2.6490	11000.	86	44236	No
145	GOM_NL__2PRFIN20100816_111057_000000512092_00094_44236_5532.N1	16-AUG-2010 11:10:57	Twilight	51.000	28	12Bet Tau	1.6500	15200.	102	44236	No
146	GOM_NL__2PRFIN20100816_111345_000000402092_00094_44236_5533.N1	16-AUG-2010 11:13:45	Twilight	39.500	44	24Gam Gem	1.9280	11000.	79	44236	No
147	GOM_NL__2PRFIN20100816_111716_000000512092_00094_44236_5534.N1	16-AUG-2010 11:17:16	Dark	50.500	14	58Alp Ori	0.87000	3000.0	101	44236	No
148	GOM_NL__2PRFIN20100816_112028_000000482092_00094_44236_5535.N1	16-AUG-2010 11:20:28	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	44236	No
149	GOM_NL__2PRFIN20100816_112153_000000442092_00094_44236_5536.N1	16-AUG-2010 11:21:53	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	44236	No
150	GOM_NL__2PRFIN20100816_112327_000000552092_00094_44236_5537.N1	16-AUG-2010 11:23:27	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	44236	No
151	GOM_NL__2PRFIN20100816_112519_000000472092_00094_44236_5538.N1	16-AUG-2010 11:25:19	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	44236	No
152	GOM_NL__2PRFIN20100816_113911_000000512092_00095_44237_5560.N1	16-AUG-2010 11:39:11	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44237	No
153	GOM_NL__2PRFIN20100816_114317_000000432092_00095_44237_5561.N1	16-AUG-2010 11:43:17	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44237	No
154	GOM_NL__2PRFIN20100816_114901_000000562092_00095_44237_5562.N1	16-AUG-2010 11:49:01	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44237	No
155	GOM_NL__2PRFIN20100816_115235_000000432092_00095_44237_5563.N1	16-AUG-2010 11:52:35	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44237	No
156	GOM_NL__2PRFIN20100816_115632_000000592092_00095_44237_5564.N1	16-AUG-2010 11:56:32	Twilight	59.000	18	24Alp PsA	1.1660	9700.0	118	44237	No
157	GOM_NL__2PRFIN20100816_120212_000000452092_00095_44237_5565.N1	16-AUG-2010 12:02:12	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	44237	No
158	GOM_NL__2PRFIN20100816_120539_000000432092_00095_44237_5566.N1	16-AUG-2010 12:05:39	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	44237	No
159	GOM_NL__2PRFIN20100816_120741_000000492092_00095_44237_5567.N1	16-AUG-2010 12:07:41	Bright	49.000	162	34Alp Aqr	2.9440	5350.0	98	44237	No
160	GOM_NL__2PRFIN20100816_121053_000000452092_00095_44237_5568.N1	16-AUG-2010 12:10:53	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44237	No



161	GOM_NL__2PRFIN20100816_121722_000000382092_00095_44237_5569.N1	16-AUG-2010 12:17:22	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	44237	No
162	GOM_NL__2PRFIN20100816_121857_000000362092_00095_44237_5570.N1	16-AUG-2010 12:18:57	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	44237	No
163	GOM_NL__2PRFIN20100816_122034_000000422092_00095_44237_5571.N1	16-AUG-2010 12:20:34	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	44237	No
164	GOM_NL__2PRFIN20100816_122555_000000392092_00095_44237_5572.N1	16-AUG-2010 12:25:55	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44237	No
165	GOM_NL__2PRFIN20100816_124533_000000462092_00095_44237_5573.N1	16-AUG-2010 12:45:33	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	44237	No
166	GOM_NL__2PRFIN20100816_124826_000000402092_00095_44237_5574.N1	16-AUG-2010 12:48:26	Bright	39.500	107	37The Aur	2.6490	11000.	79	44237	No
167	GOM_NL__2PRFIN20100816_125133_000000532092_00095_44237_5575.N1	16-AUG-2010 12:51:33	Twilight	53.000	28	12Bet Tau	1.6500	15200.	106	44237	No
168	GOM_NL__2PRFIN20100816_125421_000000402092_00095_44237_5576.N1	16-AUG-2010 12:54:21	Twilight	40.000	44	24Gam Gem	1.9280	11000.	80	44237	No
169	GOM_NL__2PRFIN20100816_125752_000000602092_00095_44237_5577.N1	16-AUG-2010 12:57:52	Dark	60.000	14	58Alp Ori	0.87000	3000.0	120	44237	No
170	GOM_NL__2PRFIN20100816_130104_000000502092_00095_44237_5578.N1	16-AUG-2010 13:01:04	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	44237	No
171	GOM_NL__2PRFIN20100816_130230_000000452092_00095_44237_5579.N1	16-AUG-2010 13:02:30	Dark	45.000	125	44lot Ori	2.7700	30000.	90	44237	No
172	GOM_NL__2PRFIN20100816_130404_000000562092_00095_44237_5580.N1	16-AUG-2010 13:04:04	Dark	56.000	7	19Bet Ori	0.10000	14000.	112	44237	No
173	GOM_NL__2PRFIN20100816_130555_000000492092_00095_44237_5581.N1	16-AUG-2010 13:05:55	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	44237	No
174	GOM_NL__2PRFIN20100816_131948_000000512092_00096_44238_5595.N1	16-AUG-2010 13:19:48	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44238	No
175	GOM_NL__2PRFIN20100816_132353_000000432092_00096_44238_5596.N1	16-AUG-2010 13:23:53	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44238	No
176	GOM_NL__2PRFIN20100816_132938_000000512092_00096_44238_5597.N1	16-AUG-2010 13:29:38	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44238	No
177	GOM_NL__2PRFIN20100816_133311_000000462092_00096_44238_5598.N1	16-AUG-2010 13:33:11	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	44238	No
178	GOM_NL__2PRFIN20100816_133708_000000562092_00096_44238_5599.N1	16-AUG-2010 13:37:08	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	44238	No
179	GOM_NL__2PRFIN20100816_134247_000000462092_00096_44238_5600.N1	16-AUG-2010 13:42:47	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44238	No
180	GOM_NL__2PRFIN20100816_134615_000000432092_00096_44238_5601.N1	16-AUG-2010 13:46:15	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44238	No
181	GOM_NL__2PRFIN20100816_134817_000000502092_00096_44238_5602.N1	16-AUG-2010 13:48:17	Bright	49.500	162	34Alp Aqr	2.9440	5350.0	99	44238	No
182	GOM_NL__2PRFIN20100816_135129_000000442092_00096_44238_5603.N1	16-AUG-2010 13:51:29	Bright	44.000	61	8Eps Peg	2.1000	3900.0	88	44238	No
183	GOM_NL__2PRFIN20100816_135757_000000412092_00096_44238_5604.N1	16-AUG-2010 13:57:57	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	44238	No
184	GOM_NL__2PRFIN20100816_135933_000000392092_00096_44238_5605.N1	16-AUG-2010 13:59:33	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	44238	No
185	GOM_NL__2PRFIN20100816_140110_000000412092_00096_44238_5606.N1	16-AUG-2010 14:01:10	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	44238	No
186	GOM_NL__2PRFIN20100816_140631_000000392092_00096_44238_5607.N1	16-AUG-2010 14:06:31	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44238	No
187	GOM_NL__2PRFIN20100816_142608_000000522092_00096_44238_5608.N1	16-AUG-2010 14:26:08	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	44238	No
188	GOM_NL__2PRFIN20100816_142903_000000532092_00096_44238_5609.N1	16-AUG-2010 14:29:03	Bright	52.500	107	37The Aur	2.6490	11000.	105	44238	No
189	GOM_NL__2PRFIN20100816_143209_000000542092_00096_44238_5610.N1	16-AUG-2010 14:32:09	Twilight	54.000	28	12Bet Tau	1.6500	15200.	108	44238	No
190	GOM_NL__2PRFIN20100816_143458_000000432092_00096_44238_5611.N1	16-AUG-2010 14:34:58	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	44238	No
191	GOM_NL__2PRFIN20100816_143829_000000562092_00096_44238_5612.N1	16-AUG-2010 14:38:29	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	44238	No
192	GOM_NL__2PRFIN20100816_144141_000000522092_00096_44238_5613.N1	16-AUG-2010 14:41:41	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	44238	No
193	GOM_NL__2PRFIN20100816_144306_000000452092_00096_44238_5614.N1	16-AUG-2010 14:43:06	Dark	45.000	125	44lot Ori	2.7700	30000.	90	44238	No
194	GOM_NL__2PRFIN20100816_144441_000000562092_00096_44238_5615.N1	16-AUG-2010 14:44:41	Dark	55.500	7	19Bet Ori	0.10000	14000.	111	44238	No
195	GOM_NL__2PRFIN20100816_144632_000000482092_00096_44238_5616.N1	16-AUG-2010 14:46:32	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	44238	No
196	GOM_NL__2PRFIN20100816_150025_000000512092_00097_44239_5632.N1	16-AUG-2010 15:00:25	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44239	No
197	GOM_NL__2PRFIN20100816_150430_000000452092_00097_44239_5633.N1	16-AUG-2010 15:04:30	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44239	No
198	GOM_NL__2PRFIN20100816_151015_000000572092_00097_44239_5634.N1	16-AUG-2010 15:10:15	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	44239	No
199	GOM_NL__2PRFIN20100816_151347_000000462092_00097_44239_5635.N1	16-AUG-2010 15:13:47	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	44239	No
200	GOM_NL__2PRFIN20100816_151744_000000572092_00097_44239_5636.N1	16-AUG-2010 15:17:44	Twilight	56.500	18	24Alp PsA	1.1660	9700.0	113	44239	No
201	GOM_NL__2PRFIN20100816_152324_000000462092_00097_44239_5637.N1	16-AUG-2010 15:23:24	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	44239	No
202	GOM_NL__2PRFIN20100816_152651_000000432092_00097_44239_5638.N1	16-AUG-2010 15:26:51	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44239	No
203	GOM_NL__2PRFIN20100816_152853_000000492092_00097_44239_5639.N1	16-AUG-2010 15:28:53	Bright	48.500	162	34Alp Aqr	2.9440	5350.0	97	44239	No
204	GOM_NL__2PRFIN20100816_153204_000000452092_00097_44239_5640.N1	16-AUG-2010 15:32:04	Bright	44.500	61	8Eps Peg	2.1000	3900.0	89	44239	No
205	GOM_NL__2PRFIN20100816_153833_000000372092_00097_44239_5641.N1	16-AUG-2010 15:38:33	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	44239	No
206	GOM_NL__2PRFIN20100816_154009_000000362092_00097_44239_5642.N1	16-AUG-2010 15:40:09	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	44239	No
207	GOM_NL__2PRFIN20100816_154146_000000402092_00097_44239_5643.N1	16-AUG-2010 15:41:46	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	44239	No
208	GOM_NL__2PRFIN20100816_154706_000000402092_00097_44239_5644.N1	16-AUG-2010 15:47:06	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44239	No
209	GOM_NL__2PRFIN20100816_160644_000000502092_00097_44239_5645.N1	16-AUG-2010 16:06:44	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	44239	No
210	GOM_NL__2PRFIN20100816_160939_000000402092_00097_44239_5646.N1	16-AUG-2010 16:09:39	Bright	40.000	107	37The Aur	2.6490	11000.	80	44239	No
211	GOM_NL__2PRFIN20100816_161245_000000512092_00097_44239_5647.N1	16-AUG-2010 16:12:45	Twilight	51.000	28	12Bet Tau	1.6500	15200.	102	44239	No
212	GOM_NL__2PRFIN20100816_161534_000000432092_00097_44239_5648.N1	16-AUG-2010 16:15:34	Twilight	42.500	44	24Gam Gem	1.9280	11000.	85	44239	No
213	GOM_NL__2PRFIN20100816_161905_000000502092_00097_44239_5649.N1	16-AUG-2010 16:19:05	Dark	50.000	14	58Alp Ori	0.87000	3000.0	100	44239	No
214	GOM_NL__2PRFIN20100816_162217_000000502092_00097_44239_5650.N1	16-AUG-2010 16:22:17	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	44239	No
215	GOM_NL__2PRFIN20100816_162343_000000472092_00097_44239_5651.N1	16-AUG-2010 16:23:43	Dark	47.000	125	44lot Ori	2.7700	30000.	94	44239	No
216	GOM_NL__2PRFIN20100816_162518_000000542092_00097_44239_5652.N1	16-AUG-2010 16:25:18	Dark	53.500	7	19Bet Ori	0.10000	14000.	107	44239	No
217	GOM_NL__2PRFIN20100816_162709_000000482092_00097_44239_5653.N1	16-AUG-2010 16:27:09	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	44239	No
218	GOM_NL__2PRFIN20100816_164102_000000512092_00098_44240_5661.N1	16-AUG-2010 16:41:02	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44240	No
219	GOM_NL__2PRFIN20100816_164507_000000452092_00098_44240_5662.N1	16-AUG-2010 16:45:07	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44240	No

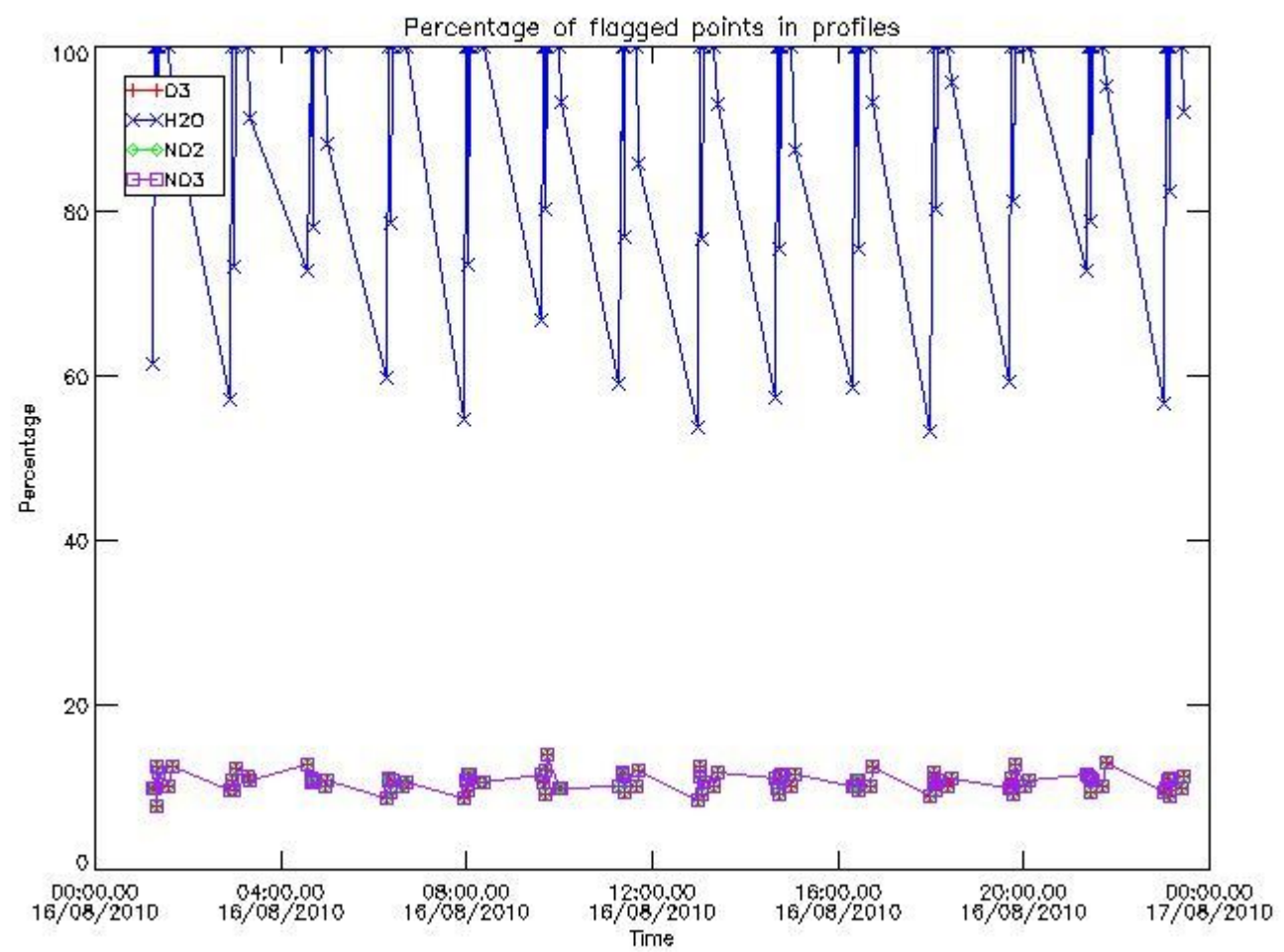
220	GOM_NL__2PRFIN20100816_165052_000000542092_00098_44240_5663.N1	16-AUG-2010 16:50:52	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44240	No
221	GOM_NL__2PRFIN20100816_165424_000000482092_00098_44240_5664.N1	16-AUG-2010 16:54:24	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	44240	No
222	GOM_NL__2PRFIN20100816_165821_000000642092_00098_44240_5665.N1	16-AUG-2010 16:58:21	Tw_i_and_stray	63.500	18	24Alp PsA	1.1660	9700.0	127	44240	No
223	GOM_NL__2PRFIN20100816_170359_000000462092_00098_44240_5666.N1	16-AUG-2010 17:03:59	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44240	No
224	GOM_NL__2PRFIN20100816_170727_000000432092_00098_44240_5667.N1	16-AUG-2010 17:07:27	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44240	No
225	GOM_NL__2PRFIN20100816_170929_000000492092_00098_44240_5668.N1	16-AUG-2010 17:09:29	Bright	48.500	162	34Alp Aqr	2.9440	5350.0	97	44240	No
226	GOM_NL__2PRFIN20100816_171240_000000472092_00098_44240_5669.N1	16-AUG-2010 17:12:40	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	44240	No
227	GOM_NL__2PRFIN20100816_171909_000000392092_00098_44240_5670.N1	16-AUG-2010 17:19:09	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	44240	No
228	GOM_NL__2PRFIN20100816_172045_000000402092_00098_44240_5671.N1	16-AUG-2010 17:20:45	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	44240	No
229	GOM_NL__2PRFIN20100816_172221_000000402092_00098_44240_5672.N1	16-AUG-2010 17:22:21	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	44240	No
230	GOM_NL__2PRFIN20100816_172742_000000402092_00098_44240_5673.N1	16-AUG-2010 17:27:42	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44240	No
231	GOM_NL__2PRFIN20100816_174720_000000472092_00098_44240_5674.N1	16-AUG-2010 17:47:20	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	44240	No
232	GOM_NL__2PRFIN20100816_175015_000000392092_00098_44240_5675.N1	16-AUG-2010 17:50:15	Bright	38.500	107	37The Aur	2.6490	11000.	77	44240	No
233	GOM_NL__2PRFIN20100816_175321_000000532092_00098_44240_5676.N1	16-AUG-2010 17:53:21	Tw_i_and_stray	53.000	28	12Bet Tau	1.6500	15200.	106	44240	No
234	GOM_NL__2PRFIN20100816_175610_000000432092_00098_44240_5677.N1	16-AUG-2010 17:56:10	Tw_i_and_stray	43.000	44	24Gam Gem	1.9280	11000.	86	44240	No
235	GOM_NL__2PRFIN20100816_175941_000000572092_00098_44240_5678.N1	16-AUG-2010 17:59:41	Dark	57.000	14	58Alp Ori	0.87000	3000.0	114	44240	No
236	GOM_NL__2PRFIN20100816_180254_000000492092_00098_44240_5679.N1	16-AUG-2010 18:02:54	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	44240	No
237	GOM_NL__2PRFIN20100816_180420_000000442092_00098_44240_5680.N1	16-AUG-2010 18:04:20	Dark	43.500	125	44lot Ori	2.7700	30000.	87	44240	No
238	GOM_NL__2PRFIN20100816_180554_000000542092_00098_44240_5681.N1	16-AUG-2010 18:05:54	Dark	53.500	7	19Bet Ori	0.10000	14000.	107	44240	No
239	GOM_NL__2PRFIN20100816_180746_000000472092_00098_44240_5682.N1	16-AUG-2010 18:07:46	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	44240	No
240	GOM_NL__2PRFIN20100816_182139_000000502092_00099_44241_5802.N1	16-AUG-2010 18:21:39	Dark	50.000	157	The1Eri	2.9060	9300.0	100	44241	No
241	GOM_NL__2PRFIN20100816_182543_000000462092_00099_44241_5803.N1	16-AUG-2010 18:25:43	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44241	No
242	GOM_NL__2PRFIN20100816_183128_000000602092_00099_44241_5804.N1	16-AUG-2010 18:31:28	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	44241	No
243	GOM_NL__2PRFIN20100816_183500_000000402092_00099_44241_5805.N1	16-AUG-2010 18:35:00	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	44241	No
244	GOM_NL__2PRFIN20100816_183858_000000552092_00099_44241_5806.N1	16-AUG-2010 18:38:58	Tw_i_and_stray	55.000	18	24Alp PsA	1.1660	9700.0	110	44241	No
245	GOM_NL__2PRFIN20100816_184436_000000462092_00099_44241_5807.N1	16-AUG-2010 18:44:36	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44241	No
246	GOM_NL__2PRFIN20100816_184803_000000432092_00099_44241_5808.N1	16-AUG-2010 18:48:03	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44241	No
247	GOM_NL__2PRFIN20100816_185005_000000482092_00099_44241_5809.N1	16-AUG-2010 18:50:05	Bright	48.000	162	34Alp Aqr	2.9440	5350.0	96	44241	No
248	GOM_NL__2PRFIN20100816_185315_000000452092_00099_44241_5810.N1	16-AUG-2010 18:53:15	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44241	No
249	GOM_NL__2PRFIN20100816_185945_000000382092_00099_44241_5811.N1	16-AUG-2010 18:59:45	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	44241	No
250	GOM_NL__2PRFIN20100816_190121_000000382092_00099_44241_5812.N1	16-AUG-2010 19:01:21	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	44241	No
251	GOM_NL__2PRFIN20100816_190257_000000402092_00099_44241_5813.N1	16-AUG-2010 19:02:57	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	44241	No
252	GOM_NL__2PRFIN20100816_190818_000000392092_00099_44241_5814.N1	16-AUG-2010 19:08:18	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44241	No
253	GOM_NL__2PRFIN20100816_192756_000000472092_00099_44241_5815.N1	16-AUG-2010 19:27:56	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	44241	No
254	GOM_NL__2PRFIN20100816_193050_000000502092_00099_44241_5816.N1	16-AUG-2010 19:30:50	Bright	49.500	107	37The Aur	2.6490	11000.	99	44241	No
255	GOM_NL__2PRFIN20100816_193358_000000522092_00099_44241_5817.N1	16-AUG-2010 19:33:58	Tw_i_and_stray	52.000	28	12Bet Tau	1.6500	15200.	104	44241	No
256	GOM_NL__2PRFIN20100816_193646_000000442092_00099_44241_5818.N1	16-AUG-2010 19:36:46	Tw_i_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	44241	No
257	GOM_NL__2PRFIN20100816_194018_000000522092_00099_44241_5819.N1	16-AUG-2010 19:40:18	Dark	52.000	14	58Alp Ori	0.87000	3000.0	104	44241	No
258	GOM_NL__2PRFIN20100816_194330_000000502092_00099_44241_5820.N1	16-AUG-2010 19:43:30	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	44241	No
259	GOM_NL__2PRFIN20100816_194456_000000462092_00099_44241_5821.N1	16-AUG-2010 19:44:56	Dark	46.000	125	44lot Ori	2.7700	30000.	92	44241	No
260	GOM_NL__2PRFIN20100816_194631_000000562092_00099_44241_5822.N1	16-AUG-2010 19:46:31	Dark	56.000	7	19Bet Ori	0.10000	14000.	112	44241	No
261	GOM_NL__2PRFIN20100816_194823_000000442092_00099_44241_5823.N1	16-AUG-2010 19:48:23	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	44241	No
262	GOM_NL__2PRFIN20100816_200217_000000502092_00100_44242_5835.N1	16-AUG-2010 20:02:17	Dark	50.000	157	The1Eri	2.9060	9300.0	100	44242	No
263	GOM_NL__2PRFIN20100816_200620_000000482092_00100_44242_5836.N1	16-AUG-2010 20:06:20	Dark	47.500	9	Alp Eri	0.45300	24000.	95	44242	No
264	GOM_NL__2PRFIN20100816_201205_000000622092_00100_44242_5837.N1	16-AUG-2010 20:12:05	Straylight	61.500	84	Alp Phe	2.3970	4500.0	123	44242	No
265	GOM_NL__2PRFIN20100816_201537_000000422092_00100_44242_5838.N1	16-AUG-2010 20:15:37	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	44242	No
266	GOM_NL__2PRFIN20100816_201934_000000562092_00100_44242_5839.N1	16-AUG-2010 20:19:34	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	44242	No
267	GOM_NL__2PRFIN20100816_202511_000000472092_00100_44242_5840.N1	16-AUG-2010 20:25:11	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44242	No
268	GOM_NL__2PRFIN20100816_202839_000000432092_00100_44242_5841.N1	16-AUG-2010 20:28:39	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44242	No
269	GOM_NL__2PRFIN20100816_203040_000000482092_00100_44242_5842.N1	16-AUG-2010 20:30:40	Bright	47.500	162	34Alp Aqr	2.9440	5350.0	95	44242	No
270	GOM_NL__2PRFIN20100816_203351_000000442092_00100_44242_5843.N1	16-AUG-2010 20:33:51	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	44242	No
271	GOM_NL__2PRFIN20100816_204021_000000382092_00100_44242_5844.N1	16-AUG-2010 20:40:21	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	44242	No
272	GOM_NL__2PRFIN20100816_204156_000000402092_00100_44242_5845.N1	16-AUG-2010 20:41:56	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	44242	No
273	GOM_NL__2PRFIN20100816_204333_000000402092_00100_44242_5846.N1	16-AUG-2010 20:43:33	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	44242	No
274	GOM_NL__2PRFIN20100816_204853_000000392092_00100_44242_5847.N1	16-AUG-2010 20:48:53	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44242	No
275	GOM_NL__2PRFIN20100816_210832_000000492092_00100_44242_5848.N1	16-AUG-2010 21:08:32	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	44242	No
276	GOM_NL__2PRFIN20100816_211127_000000382092_00100_44242_5849.N1	16-AUG-2010 21:11:27	Bright	38.000	107	37The Aur	2.6490	11000.	76	44242	No
277	GOM_NL__2PRFIN20100816_211310_000000572092_00100_44242_5850.N1	16-AUG-2010 21:13:10	Tw_i_and_stray	57.000	114	3lot Aur	2.6930	4600.0	114	44242	No
278	GOM_NL__2PRFIN20100816_211434_000000512092_00100_44242_5851.N1	16-AUG-2010 21:14:34	Tw_i_and_stray	51.000	28	12Bet Tau	1.6500	15200.	102	44242	No

279	GOM_NL__2PRFIN20100816_211723_000000452092_00100_44242_5852.N1	16-AUG-2010 21:17:23	Twilight	44.500	44	24Gam Gem	1.9280	11000.	89	44242	No
280	GOM_NL__2PRFIN20100816_212054_000000482092_00100_44242_5853.N1	16-AUG-2010 21:20:54	Dark	48.000	14	58Alp Ori	0.87000	3000.0	96	44242	No
281	GOM_NL__2PRFIN20100816_212407_000000502092_00100_44242_5854.N1	16-AUG-2010 21:24:07	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	44242	No
282	GOM_NL__2PRFIN20100816_212532_000000462092_00100_44242_5855.N1	16-AUG-2010 21:25:32	Dark	46.000	125	44Iot Ori	2.7700	30000.	92	44242	No
283	GOM_NL__2PRFIN20100816_212708_000000552092_00100_44242_5856.N1	16-AUG-2010 21:27:08	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	44242	No
284	GOM_NL__2PRFIN20100816_212859_000000472092_00100_44242_5857.N1	16-AUG-2010 21:28:59	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	44242	No
285	GOM_NL__2PRFIN20100816_214254_000000502092_00101_44243_5852.N1	16-AUG-2010 21:42:54	Dark	50.000	157	The1Eri	2.9060	9300.0	100	44243	No
286	GOM_NL__2PRFIN20100816_214656_000000432092_00101_44243_5853.N1	16-AUG-2010 21:46:56	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44243	No
287	GOM_NL__2PRFIN20100816_215242_000000612092_00101_44243_5854.N1	16-AUG-2010 21:52:42	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	44243	No
288	GOM_NL__2PRFIN20100816_215613_000000412092_00101_44243_5855.N1	16-AUG-2010 21:56:13	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	44243	No
289	GOM_NL__2PRFIN20100816_220010_000000532092_00101_44243_5856.N1	16-AUG-2010 22:00:10	Twilight	53.000	18	24Alp PsA	1.1660	9700.0	106	44243	No
290	GOM_NL__2PRFIN20100816_220548_000000462092_00101_44243_5857.N1	16-AUG-2010 22:05:48	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	44243	No
291	GOM_NL__2PRFIN20100816_220915_000000432092_00101_44243_5858.N1	16-AUG-2010 22:09:15	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44243	No
292	GOM_NL__2PRFIN20100816_221116_000000502092_00101_44243_5859.N1	16-AUG-2010 22:11:16	Bright	49.500	162	34Alp Aqr	2.9440	5350.0	99	44243	No
293	GOM_NL__2PRFIN20100816_221426_000000452092_00101_44243_5860.N1	16-AUG-2010 22:14:26	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44243	No
294	GOM_NL__2PRFIN20100816_222056_000000382092_00101_44243_5861.N1	16-AUG-2010 22:20:56	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	44243	No
295	GOM_NL__2PRFIN20100816_222232_000000372092_00101_44243_5862.N1	16-AUG-2010 22:22:32	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	44243	No
296	GOM_NL__2PRFIN20100816_222409_000000362092_00101_44243_5863.N1	16-AUG-2010 22:24:09	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	44243	No
297	GOM_NL__2PRFIN20100816_222929_000000402092_00101_44243_5864.N1	16-AUG-2010 22:29:29	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	44243	No
298	GOM_NL__2PRFIN20100816_224908_000000512092_00101_44243_5865.N1	16-AUG-2010 22:49:08	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	44243	No
299	GOM_NL__2PRFIN20100816_225203_000000582092_00101_44243_5866.N1	16-AUG-2010 22:52:03	Bright	58.000	107	37The Aur	2.6490	11000.	116	44243	No
300	GOM_NL__2PRFIN20100816_225346_000000572092_00101_44243_5867.N1	16-AUG-2010 22:53:46	Twilight	57.000	114	3Iot Aur	2.6930	4600.0	114	44243	No
301	GOM_NL__2PRFIN20100816_225509_000000522092_00101_44243_5868.N1	16-AUG-2010 22:55:09	Twilight	51.500	28	12Bet Tau	1.6500	15200.	103	44243	No
302	GOM_NL__2PRFIN20100816_225758_000000392092_00101_44243_5869.N1	16-AUG-2010 22:57:58	Twilight	39.000	44	24Gam Gem	1.9280	11000.	78	44243	No
303	GOM_NL__2PRFIN20100816_230130_000000552092_00101_44243_5870.N1	16-AUG-2010 23:01:30	Dark	54.500	14	58Alp Ori	0.87000	3000.0	109	44243	No
304	GOM_NL__2PRFIN20100816_230443_000000512092_00101_44243_5871.N1	16-AUG-2010 23:04:43	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	44243	No
305	GOM_NL__2PRFIN20100816_230609_000000472092_00101_44243_5872.N1	16-AUG-2010 23:06:09	Dark	46.500	125	44Iot Ori	2.7700	30000.	93	44243	No
306	GOM_NL__2PRFIN20100816_230745_000000572092_00101_44243_5873.N1	16-AUG-2010 23:07:45	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	44243	No
307	GOM_NL__2PRFIN20100816_230935_000000462092_00101_44243_5874.N1	16-AUG-2010 23:09:35	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	44243	No
308	GOM_NL__2PRFIN20100816_232331_000000522092_00102_44244_5884.N1	16-AUG-2010 23:23:31	Dark	51.500	157	The1Eri	2.9060	9300.0	103	44244	No
309	GOM_NL__2PRFIN20100816_232733_000000452092_00102_44244_5885.N1	16-AUG-2010 23:27:33	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44244	No
310	GOM_NL__2PRFIN20100816_233319_000000552092_00102_44244_5886.N1	16-AUG-2010 23:33:19	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44244	No
311	GOM_NL__2PRFIN20100816_233649_000000432092_00102_44244_5887.N1	16-AUG-2010 23:36:49	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44244	No
312	GOM_NL__2PRFIN20100816_234046_000000572092_00102_44244_5888.N1	16-AUG-2010 23:40:46	Twilight	57.000	18	24Alp PsA	1.1660	9700.0	114	44244	No
313	GOM_NL__2PRFIN20100816_234624_000000422092_00102_44244_5889.N1	16-AUG-2010 23:46:24	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	44244	No
314	GOM_NL__2PRFIN20100816_234951_000000432092_00102_44244_5890.N1	16-AUG-2010 23:49:51	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44244	No
315	GOM_NL__2PRFIN20100816_235151_000000472092_00102_44244_5891.N1	16-AUG-2010 23:51:51	Bright	47.000	162	34Alp Aqr	2.9440	5350.0	94	44244	No
316	GOM_NL__2PRFIN20100816_235502_000000452092_00102_44244_5892.N1	16-AUG-2010 23:55:02	Bright	44.500	61	8Eps Peg	2.1000	3900.0	89	44244	No

### 3. Quality information per product

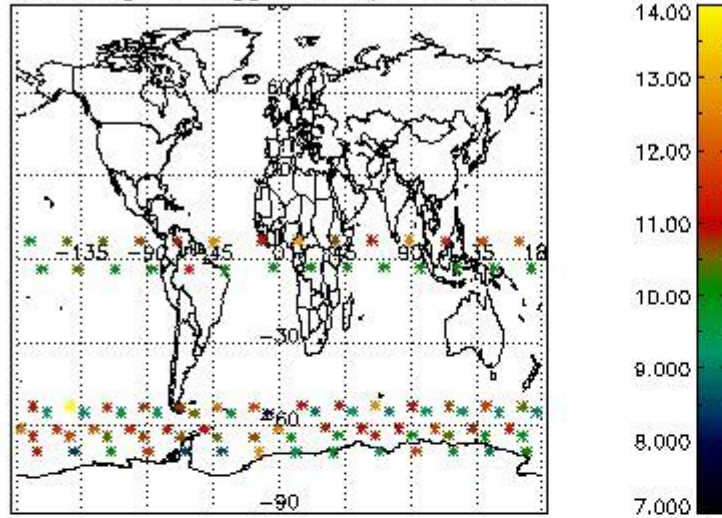
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

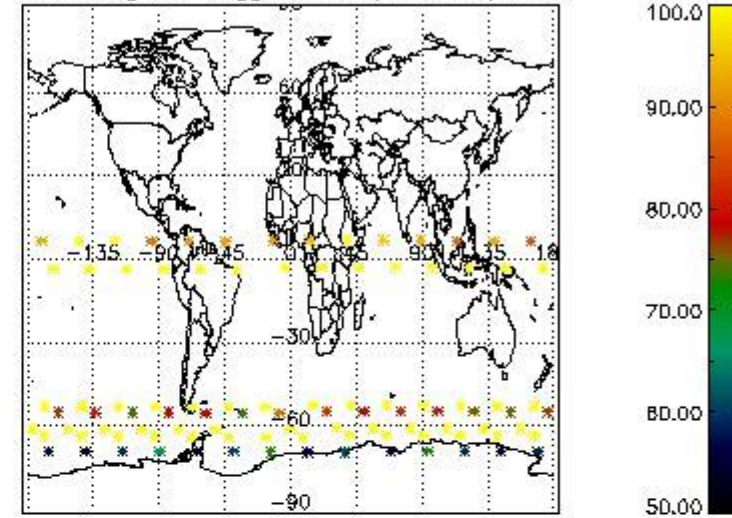


*3.2 Plot quality information per product (world map)*

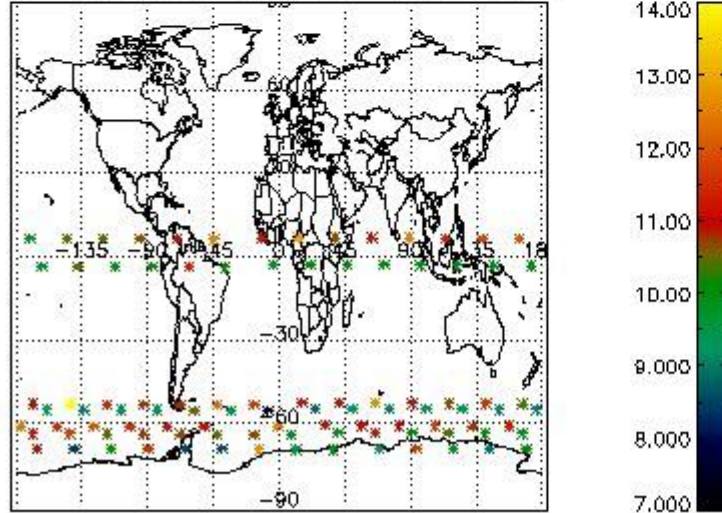
Percentage of flagged data per O3 profile



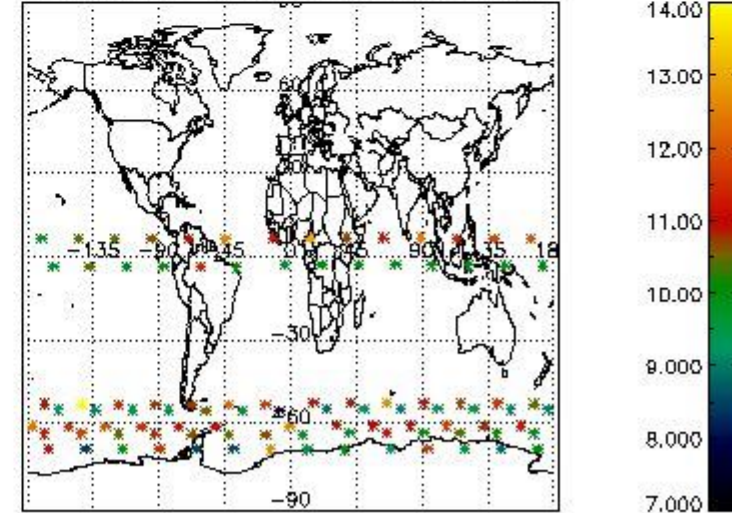
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

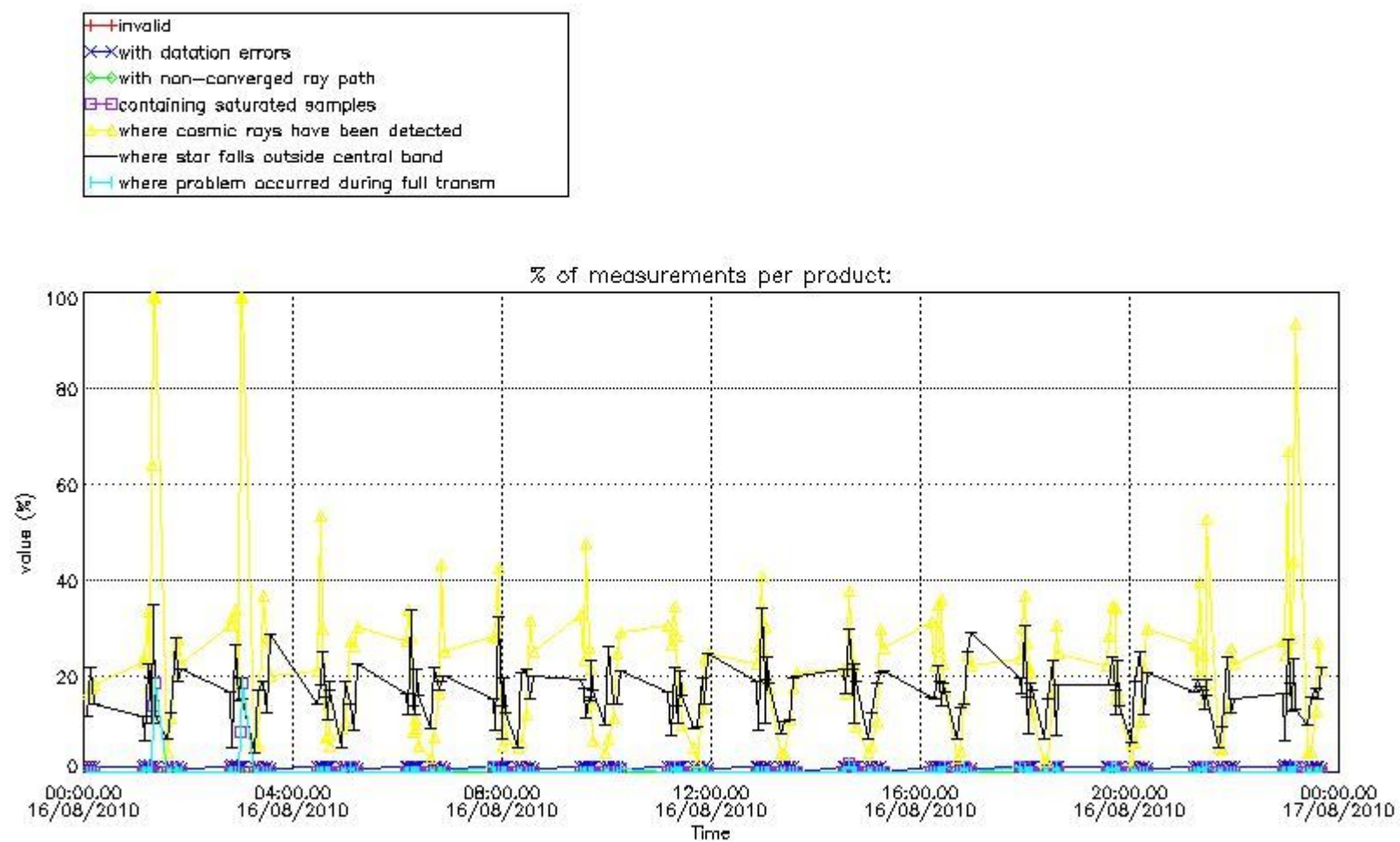


#### 4. Level 1 quality information per product

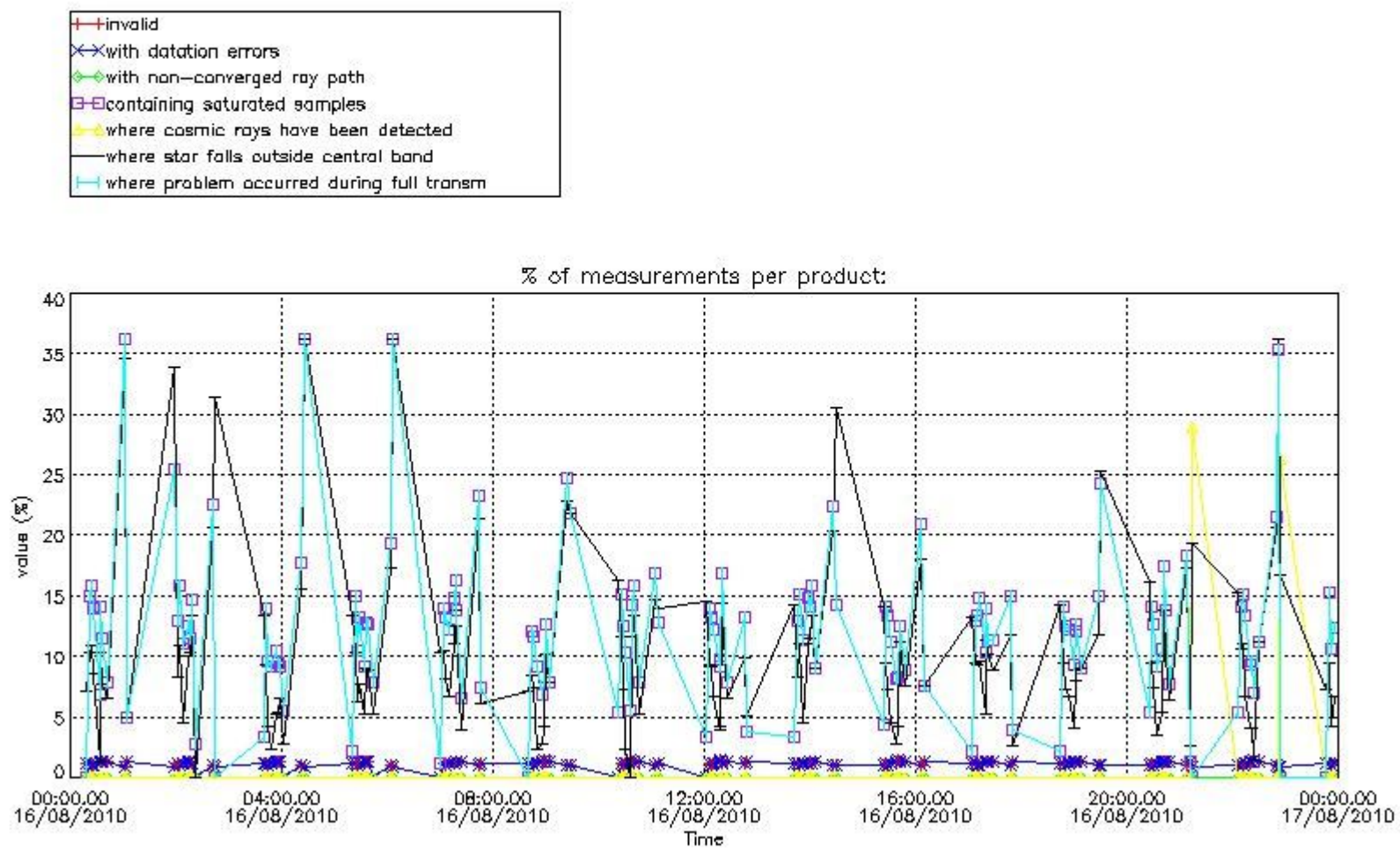
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



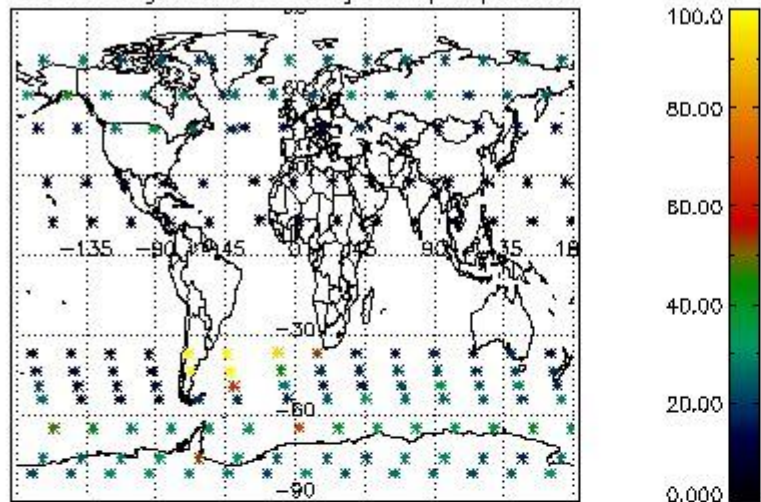
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



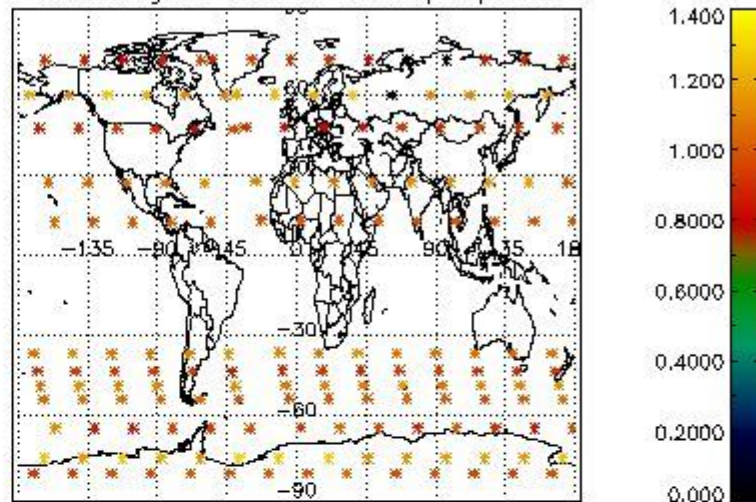
4.2 Plot quality information per product coming from level 1b processing (world map)

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

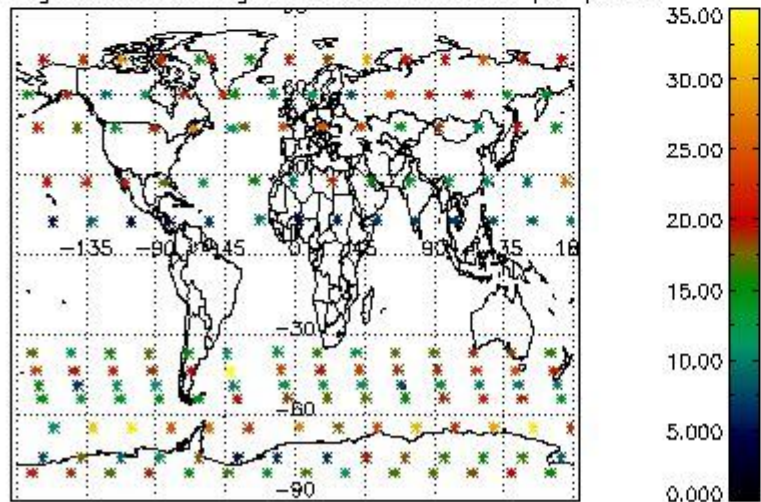
Percentage of cosmic ray hits per profile



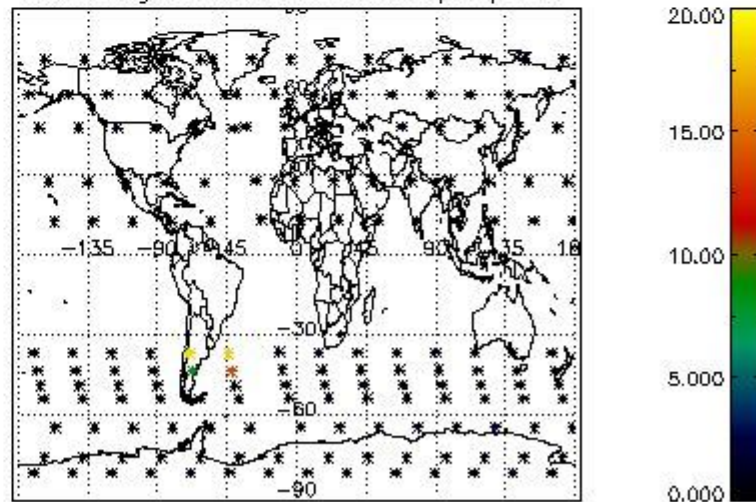
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

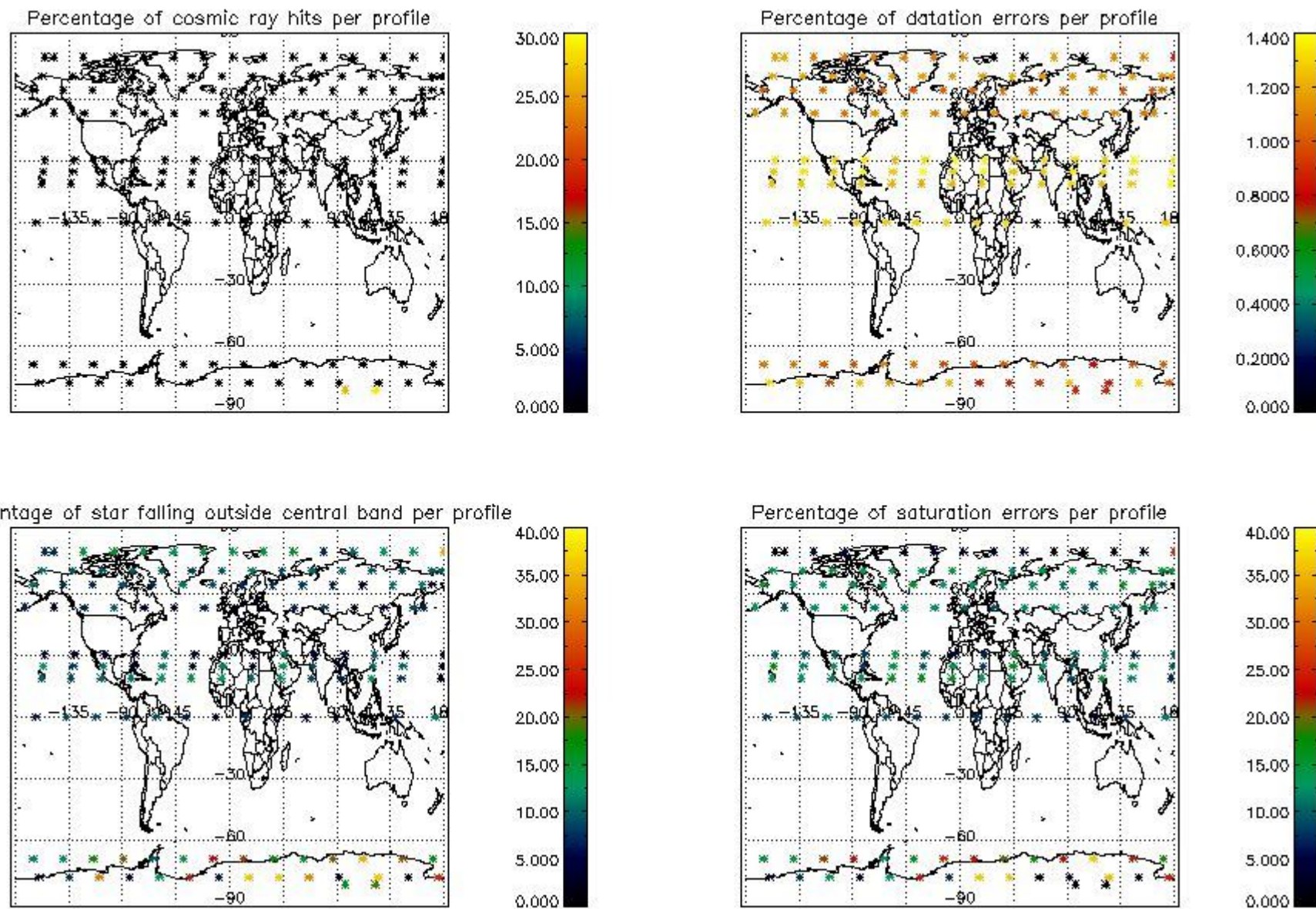


Percentage of saturation errors per profile



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

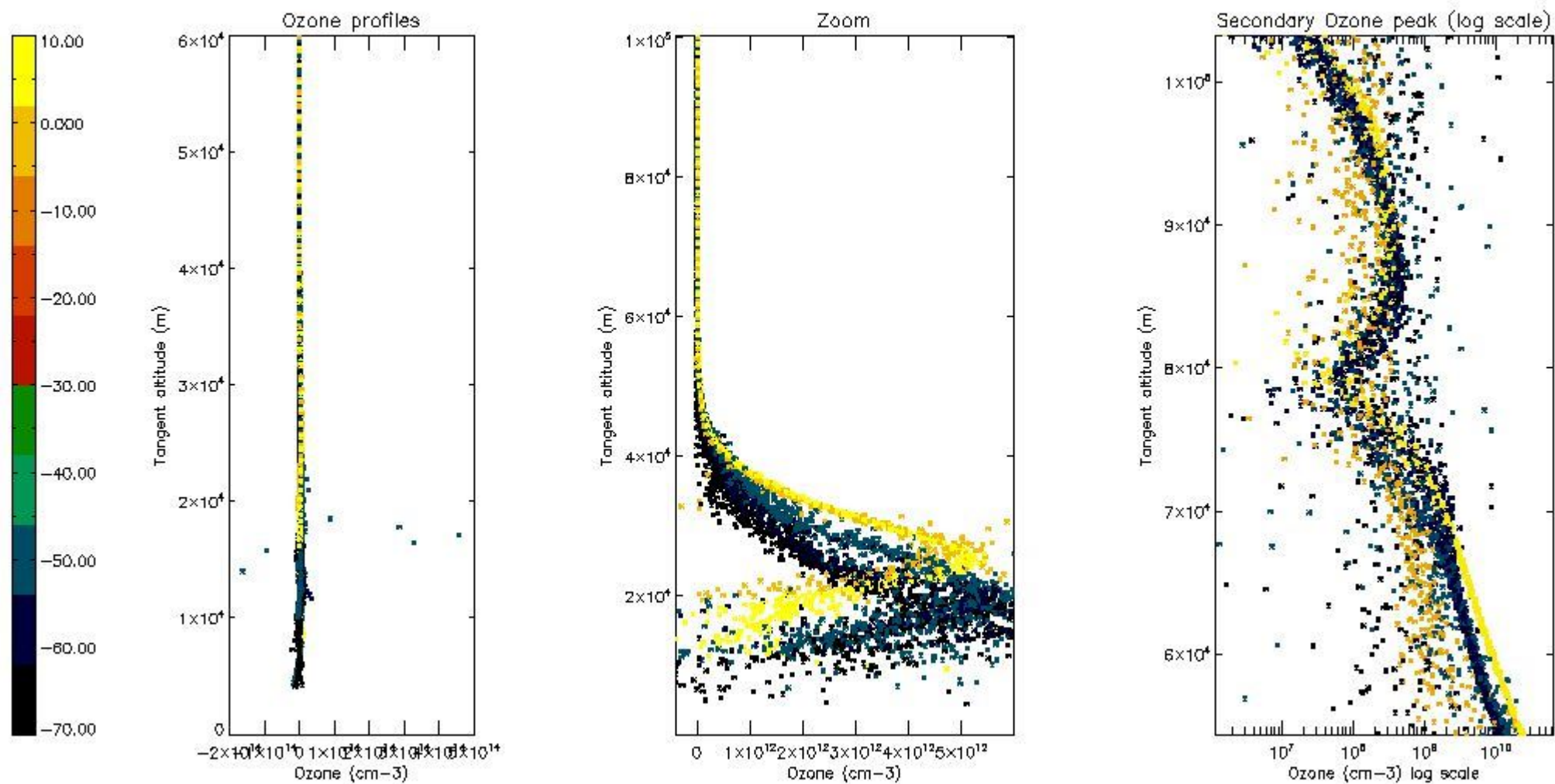
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	18

STD < 10	15
STD < 5	10

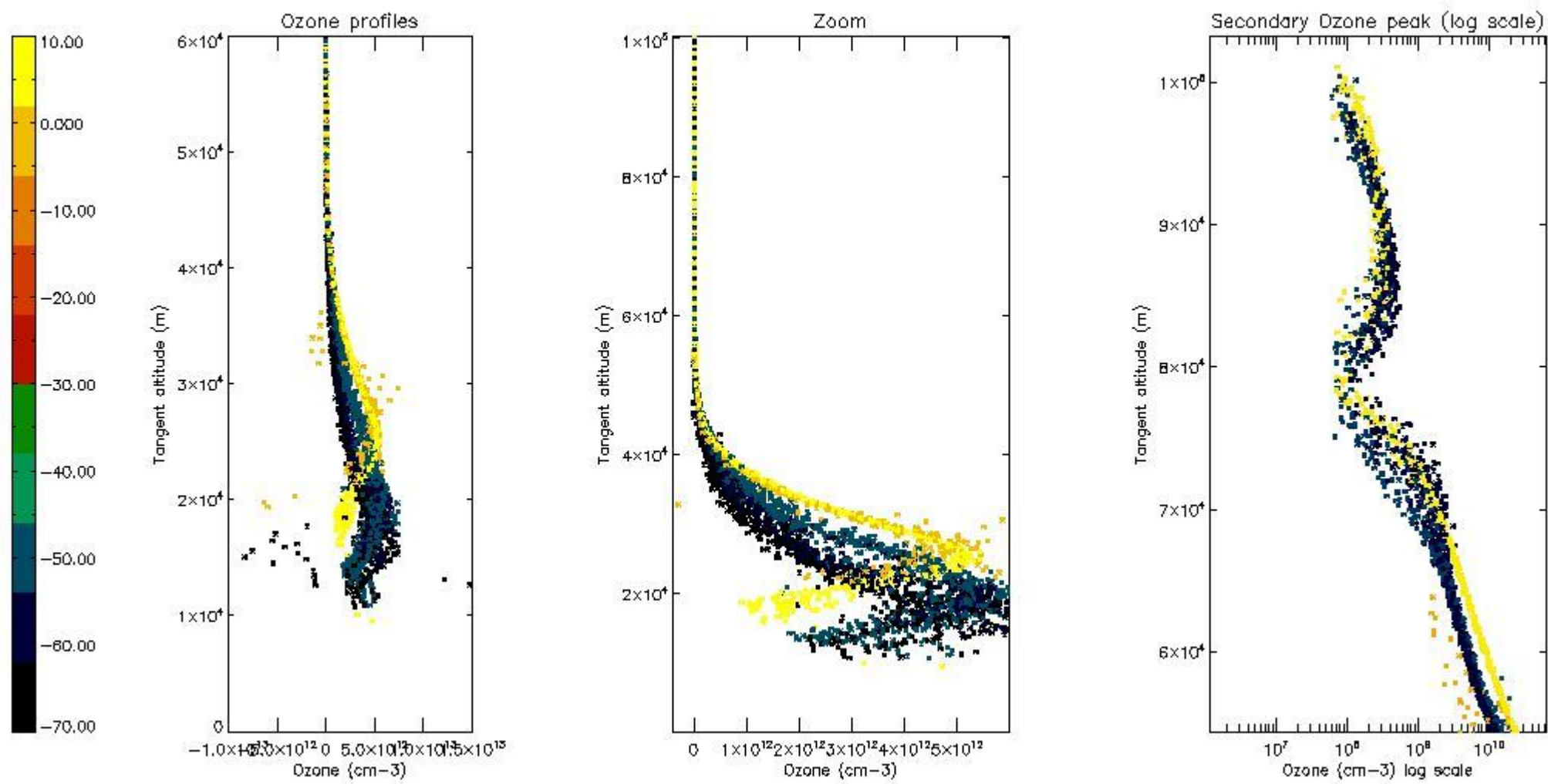
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



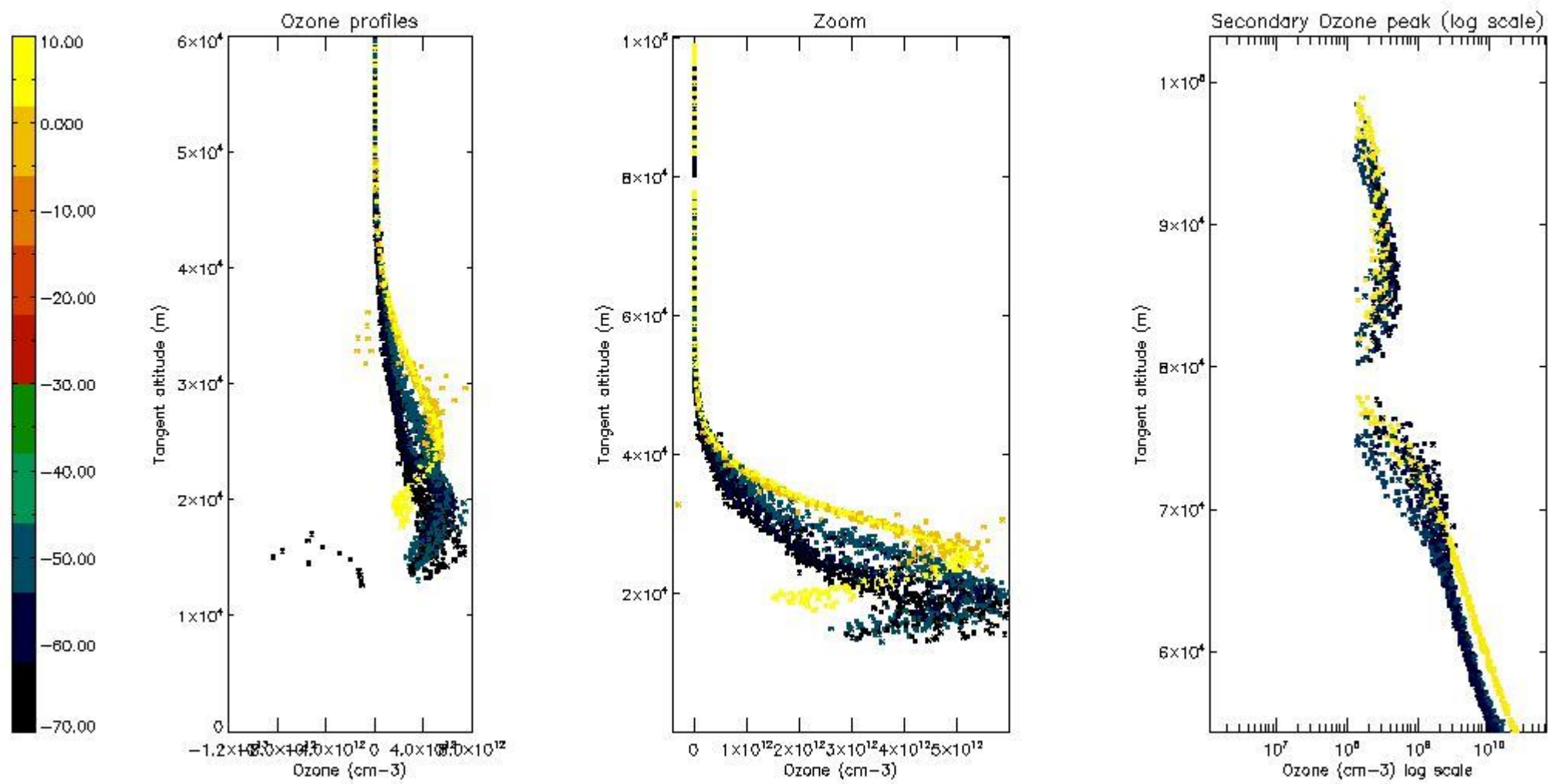
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



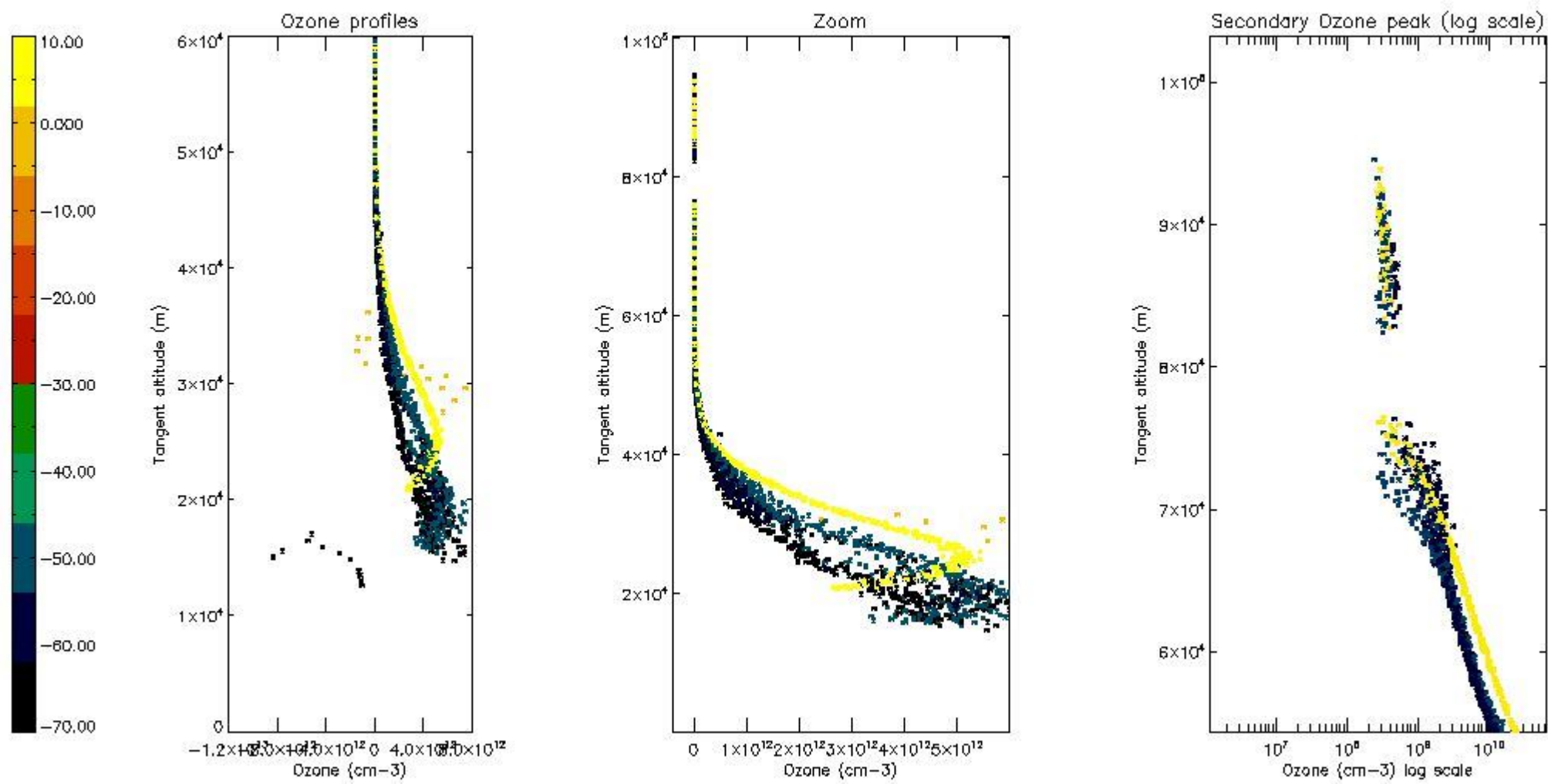
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



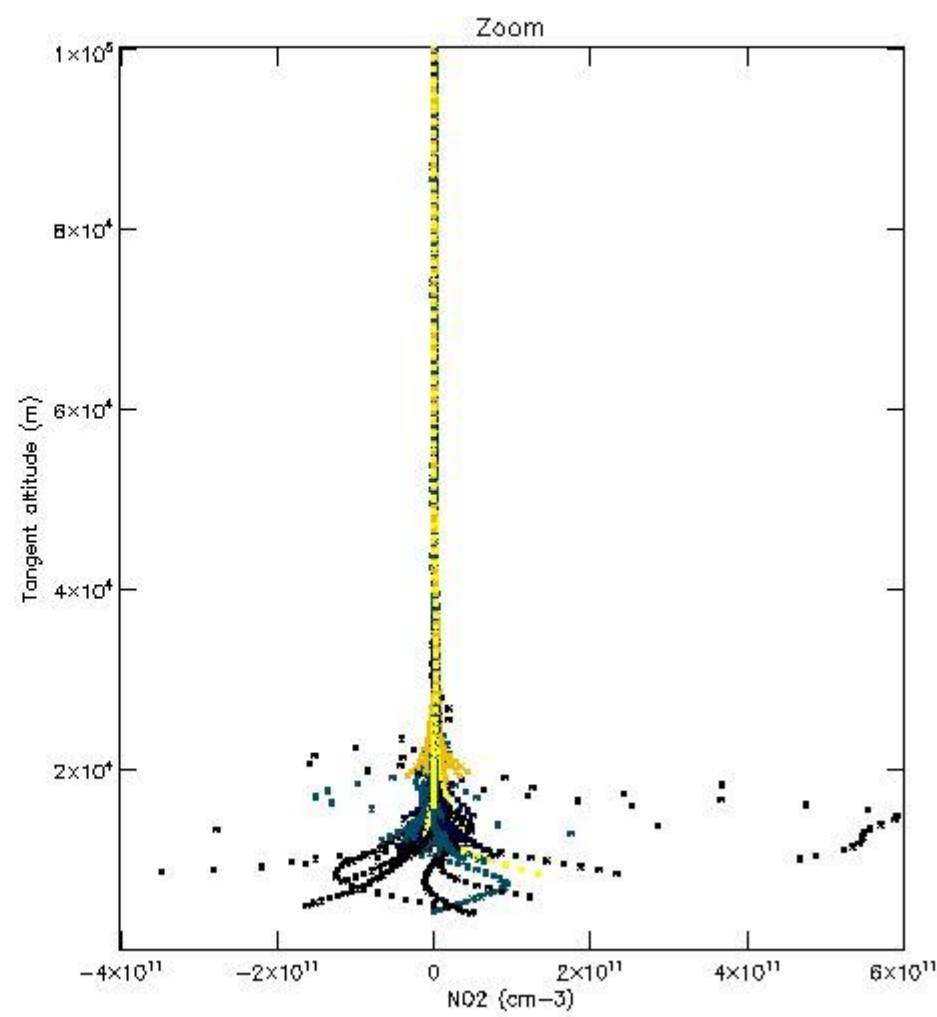
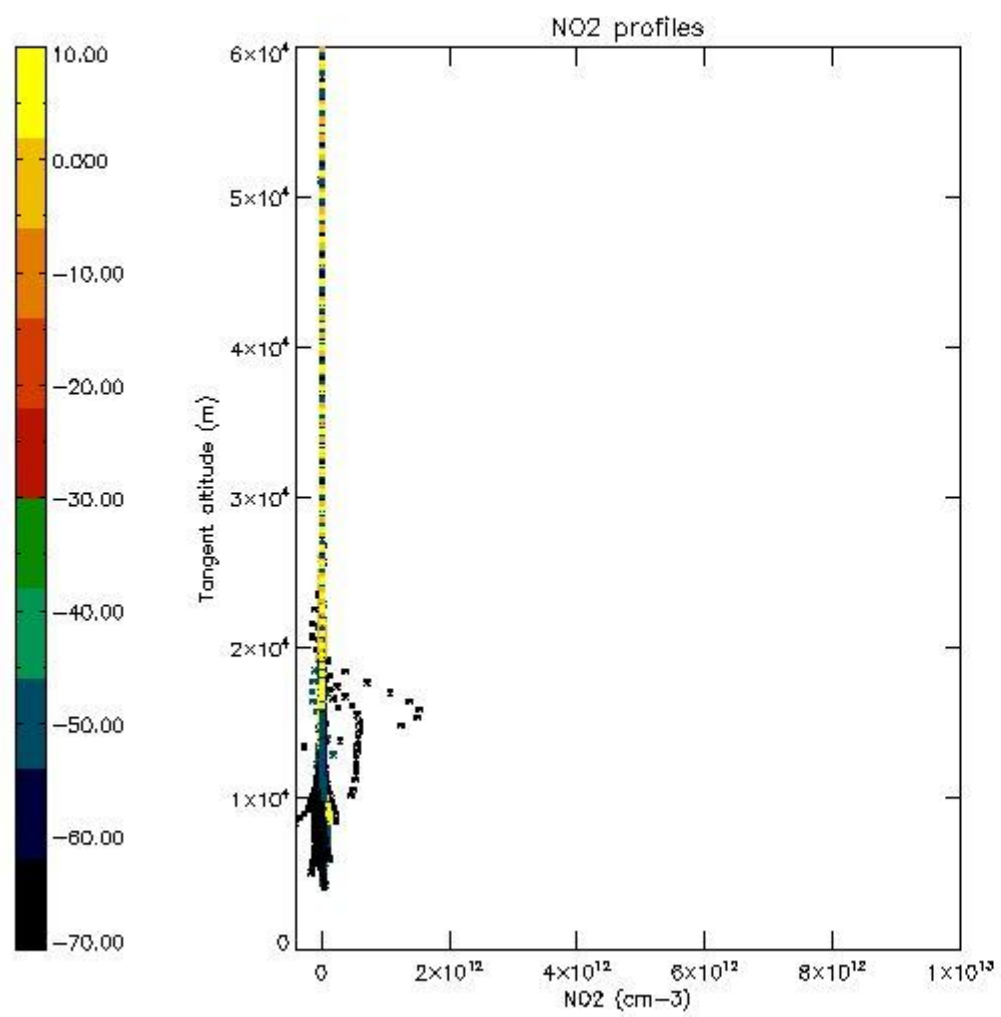
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



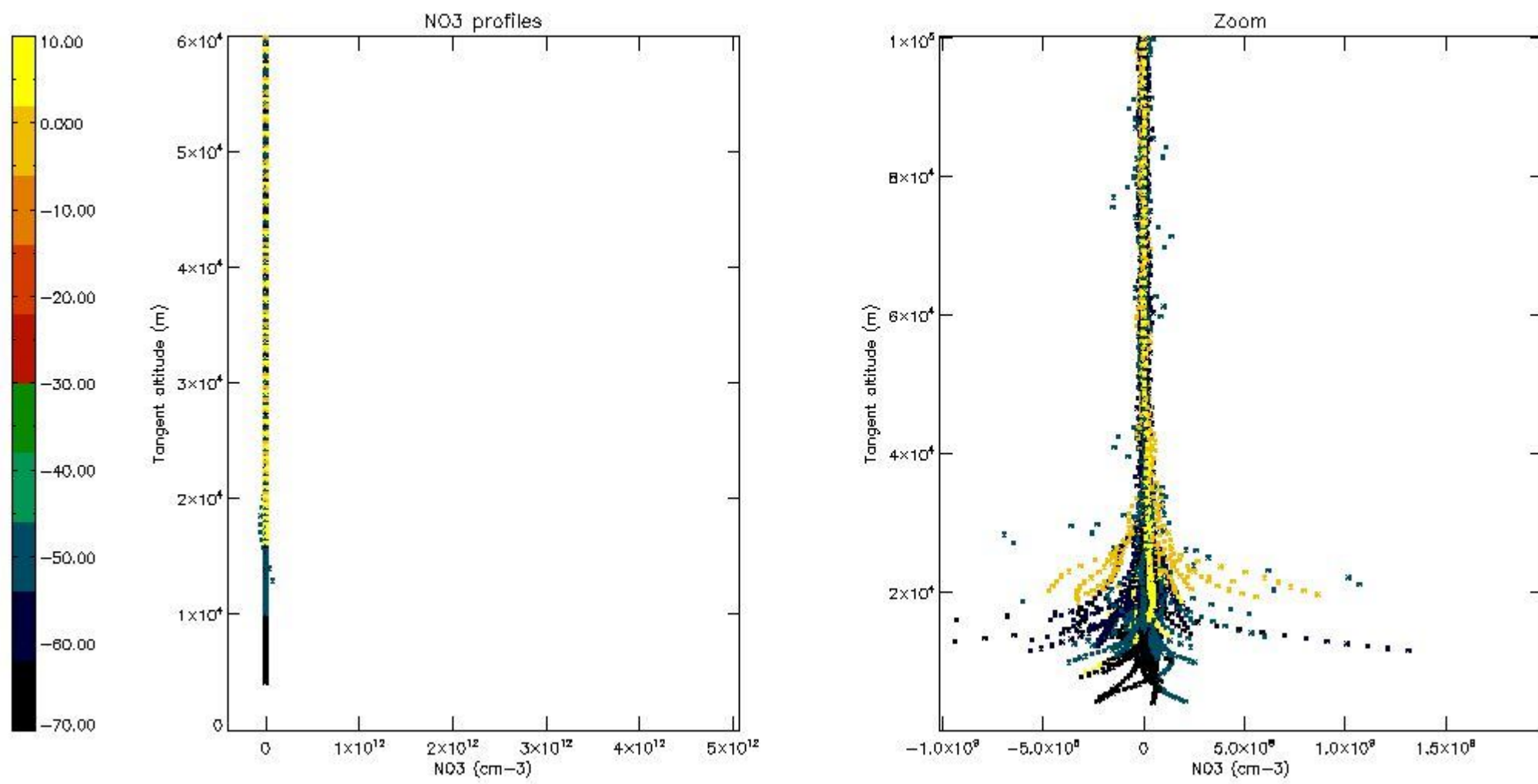
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



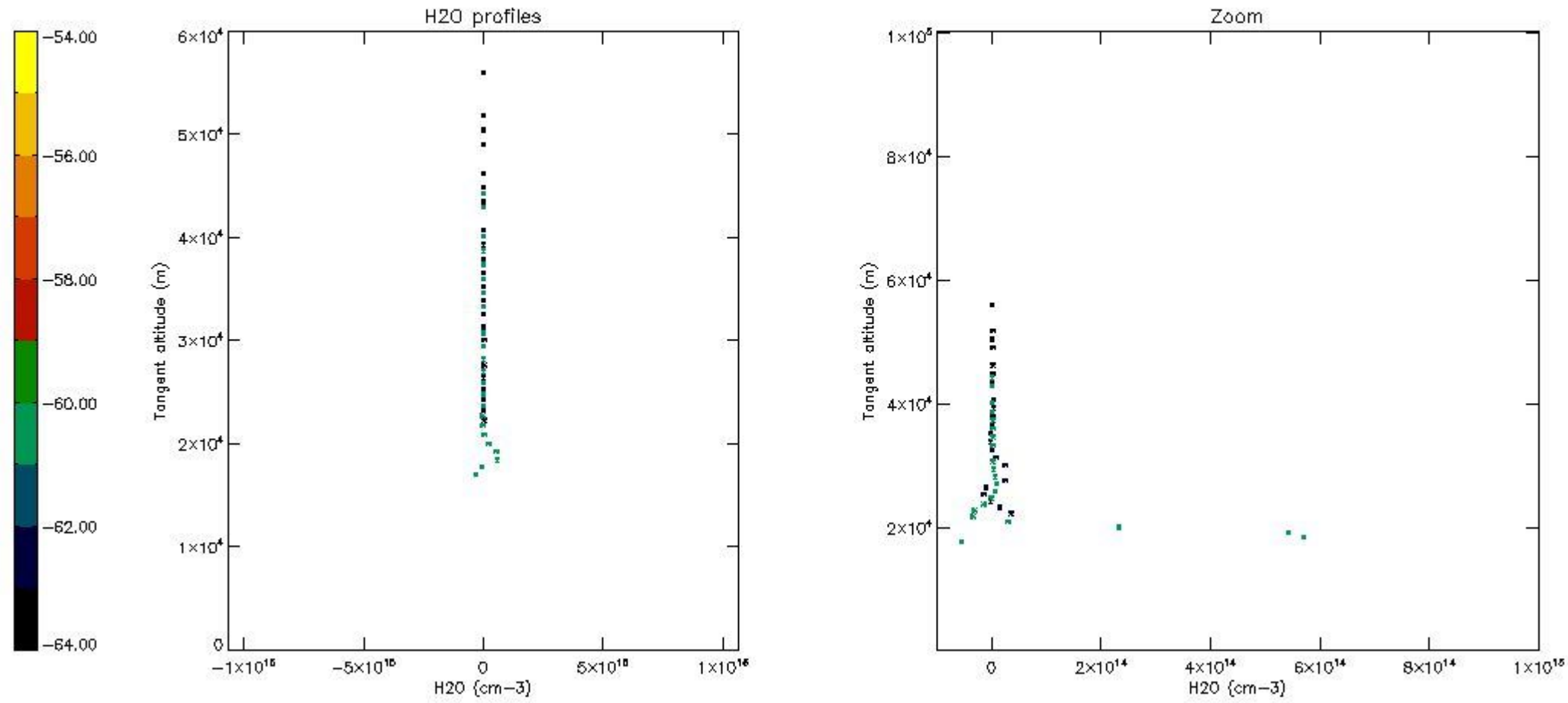
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

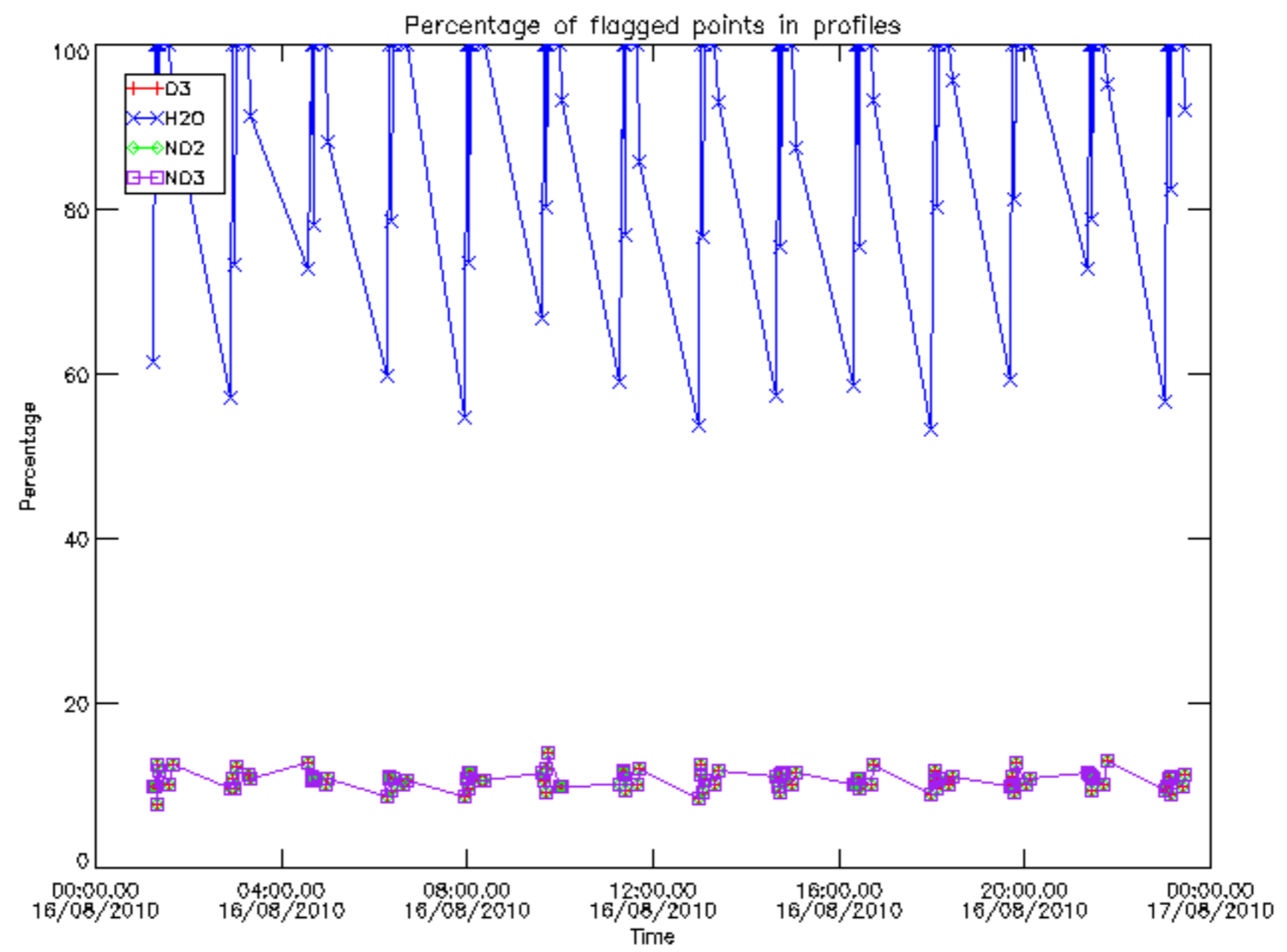


## 6. Auxiliary Data Files used for the production reported in section 2

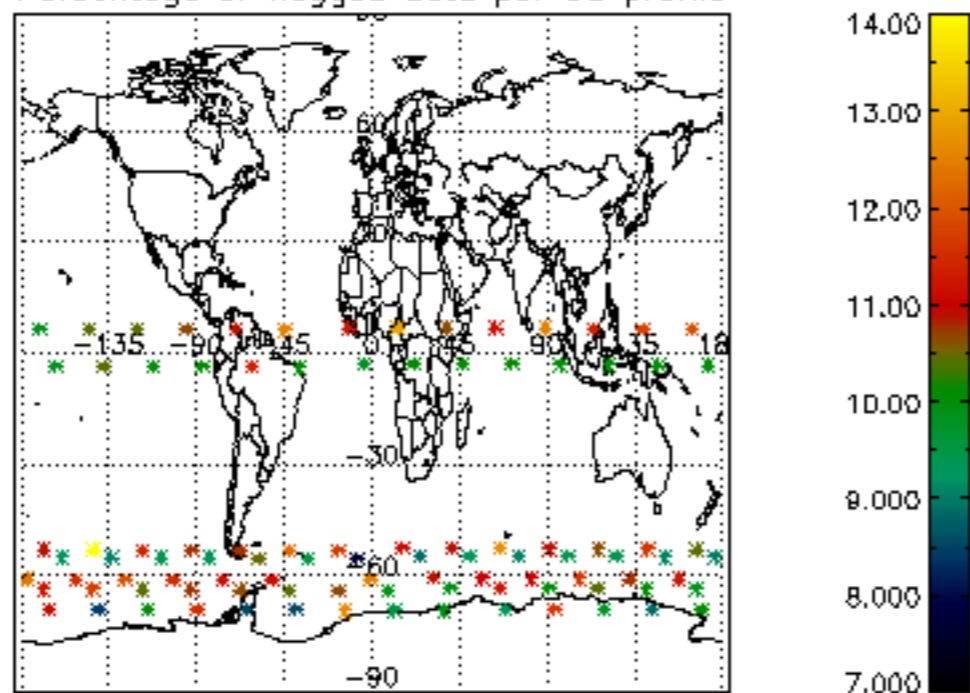
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	16-AUG-2010 00:04:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-AUG-2010 00:04:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-AUG-2010 00:04:44

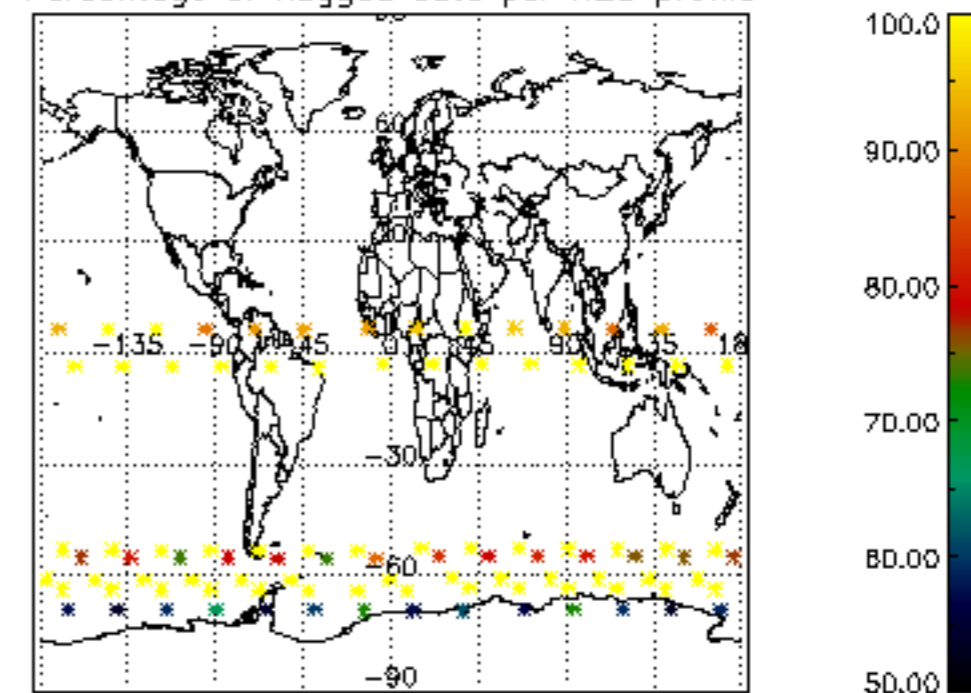




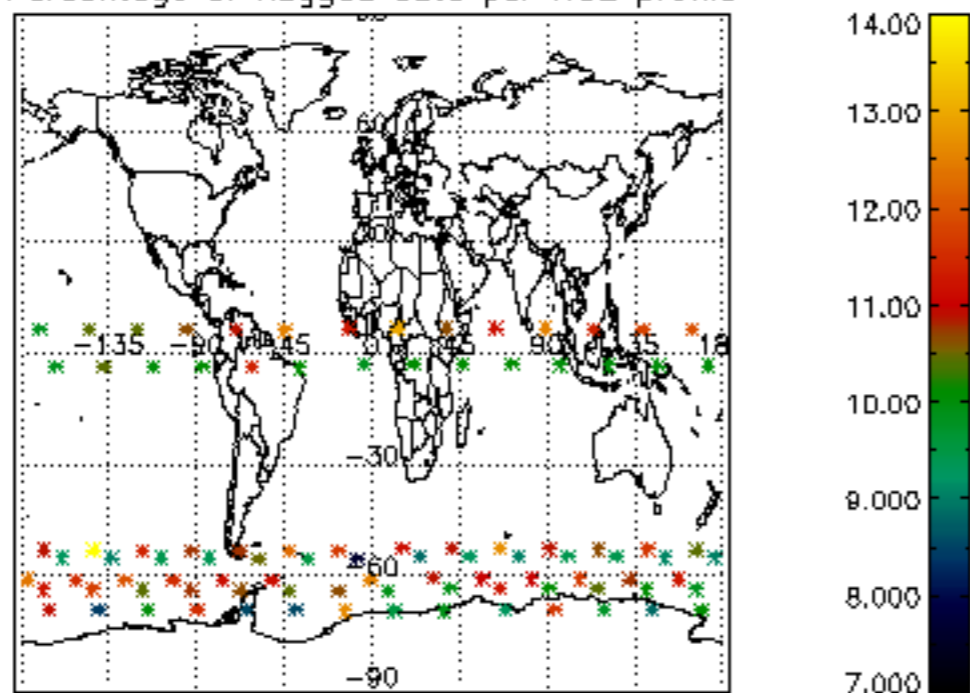
Percentage of flagged data per D3 profile



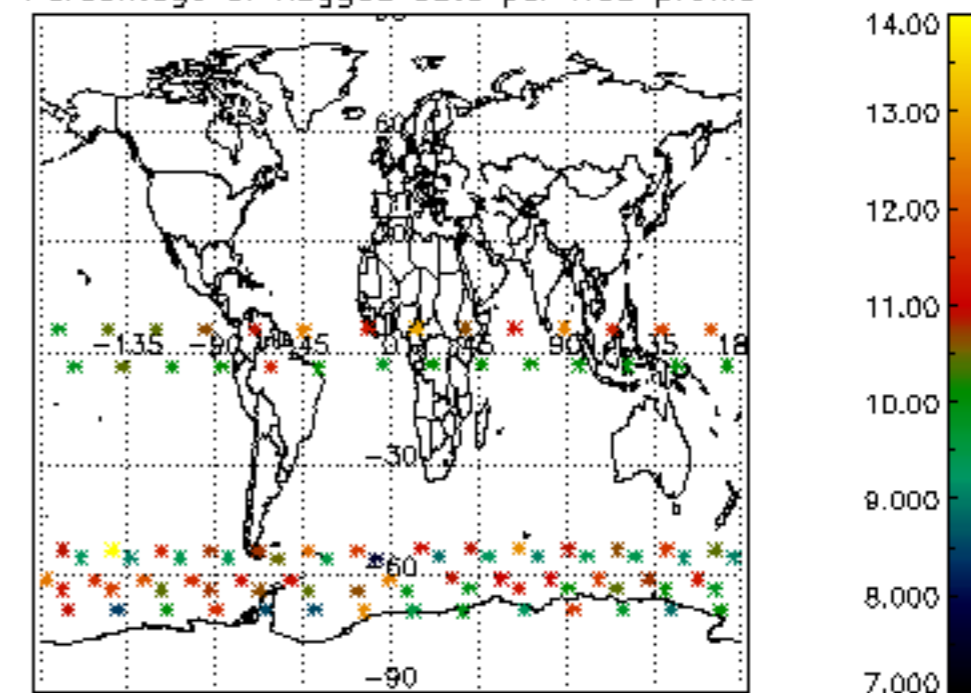
Percentage of flagged data per H2O profile

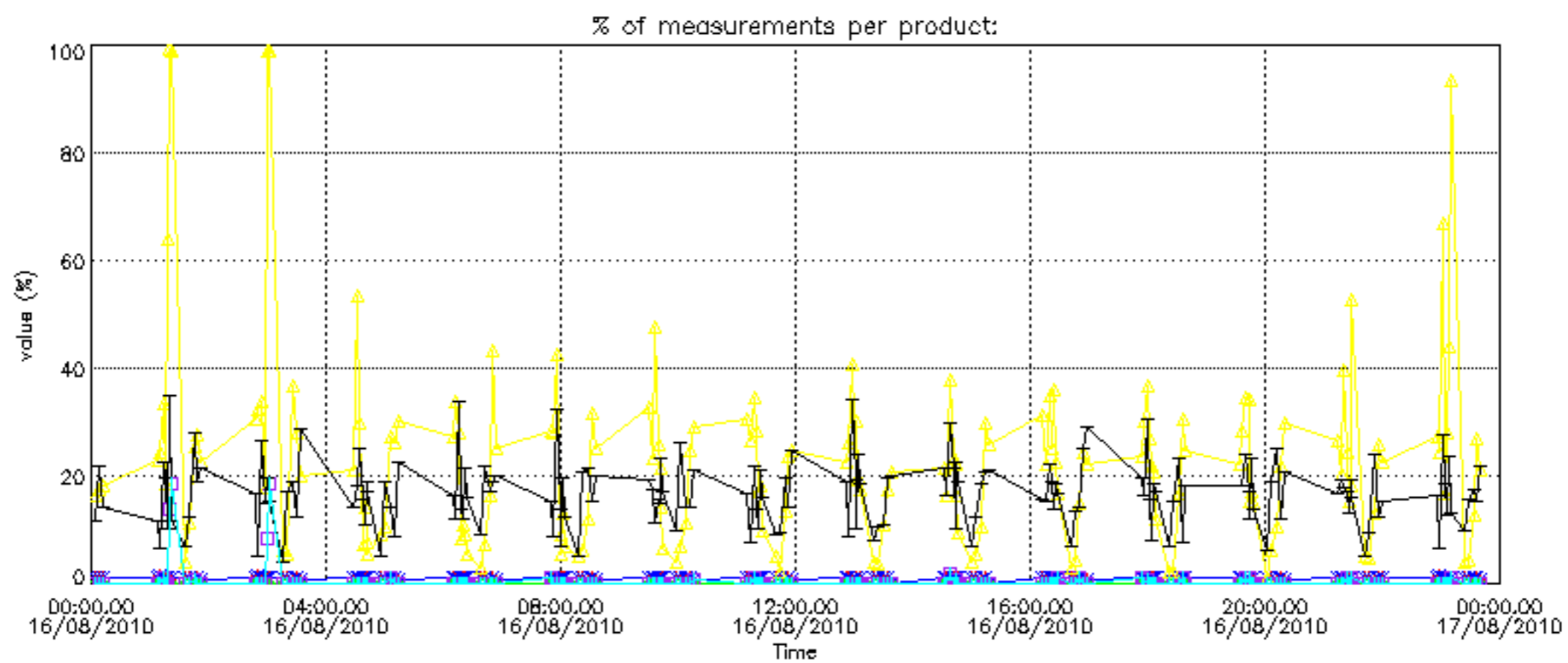
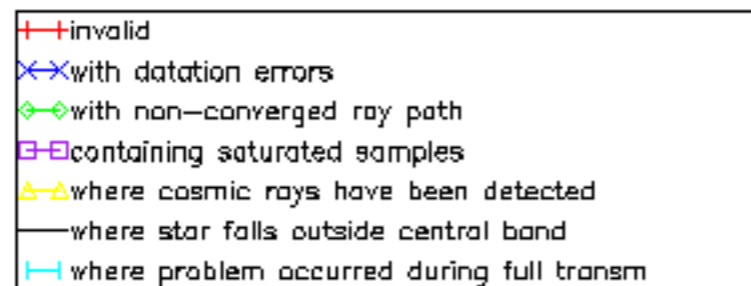


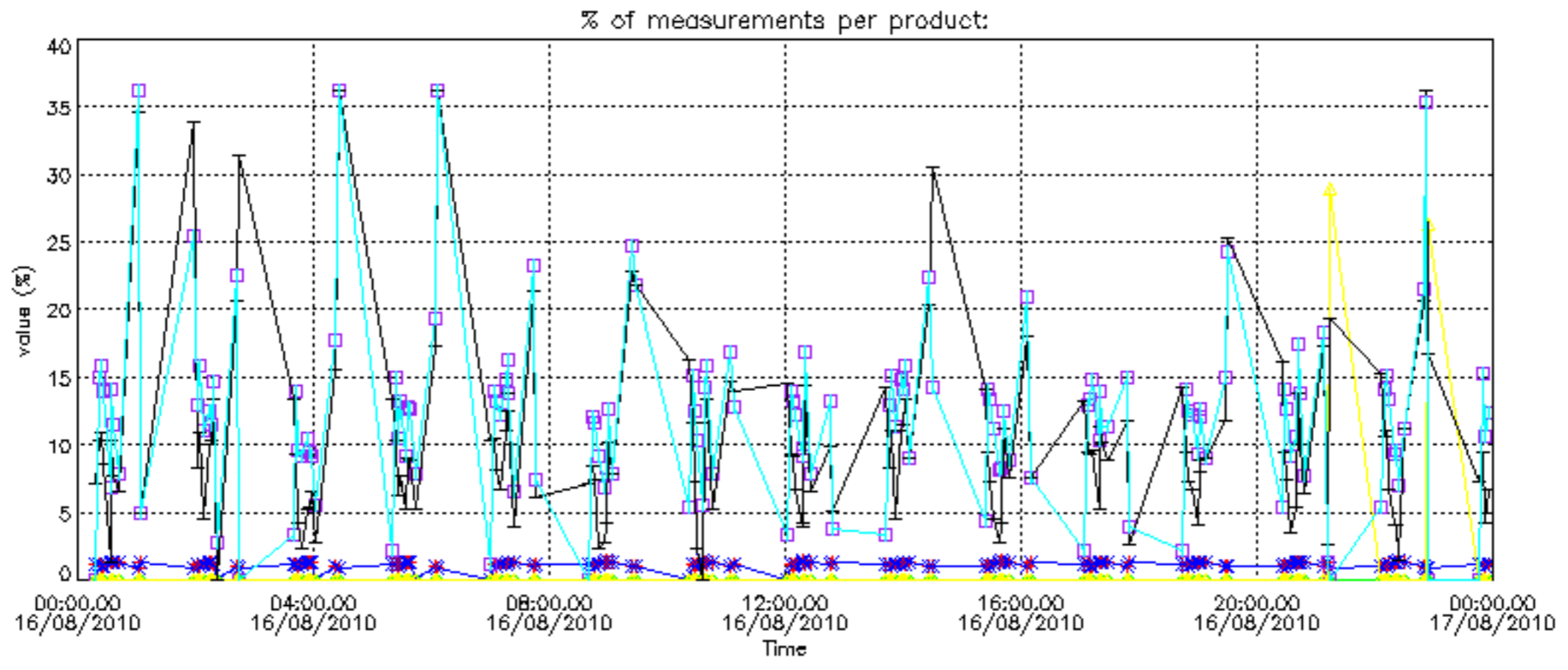
Percentage of flagged data per NO2 profile



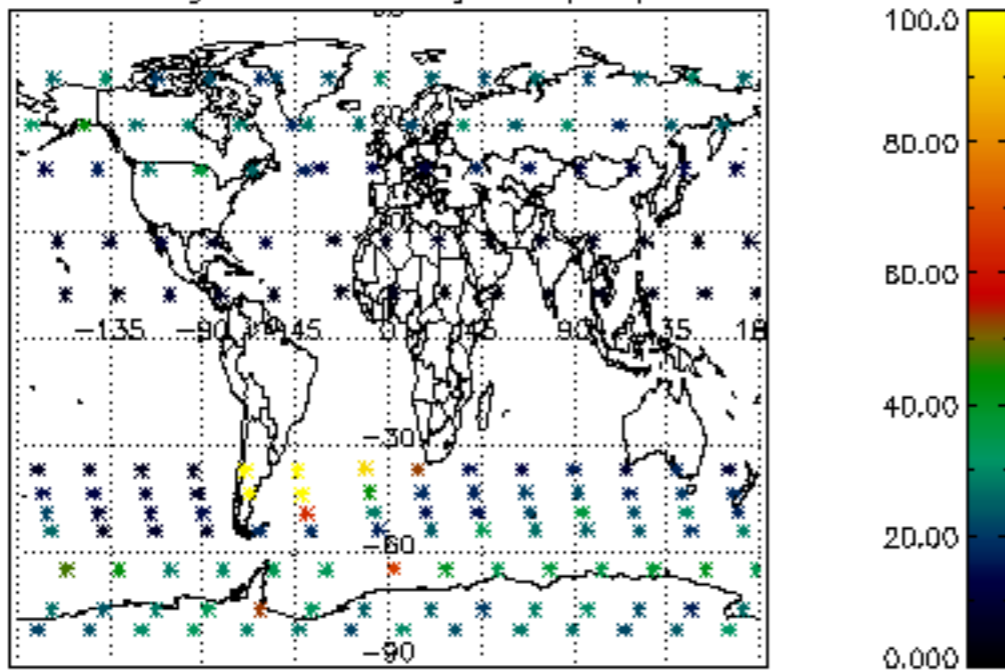
Percentage of flagged data per NO3 profile



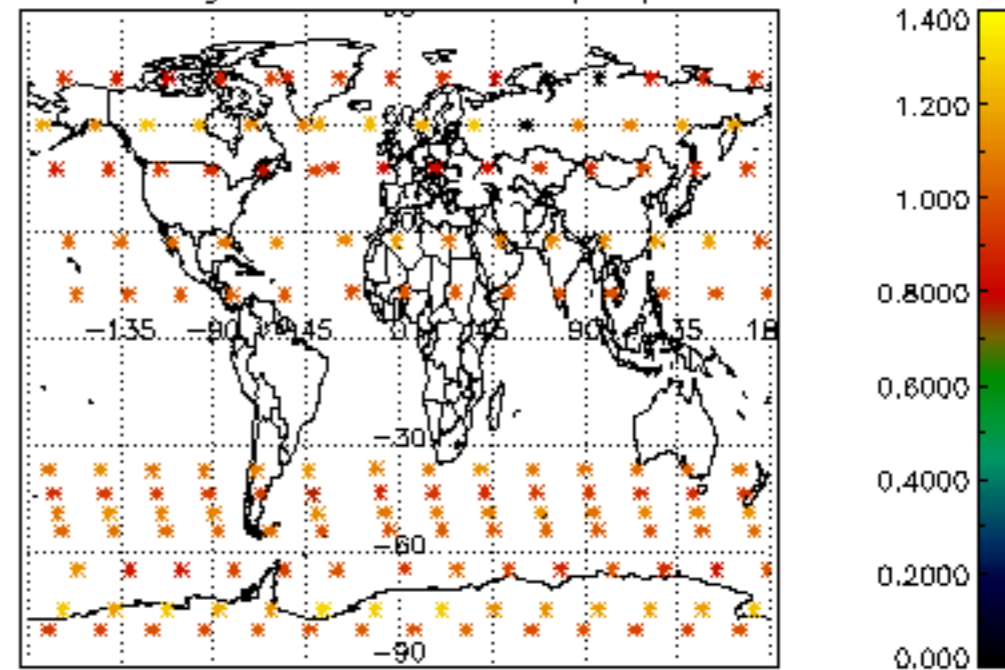




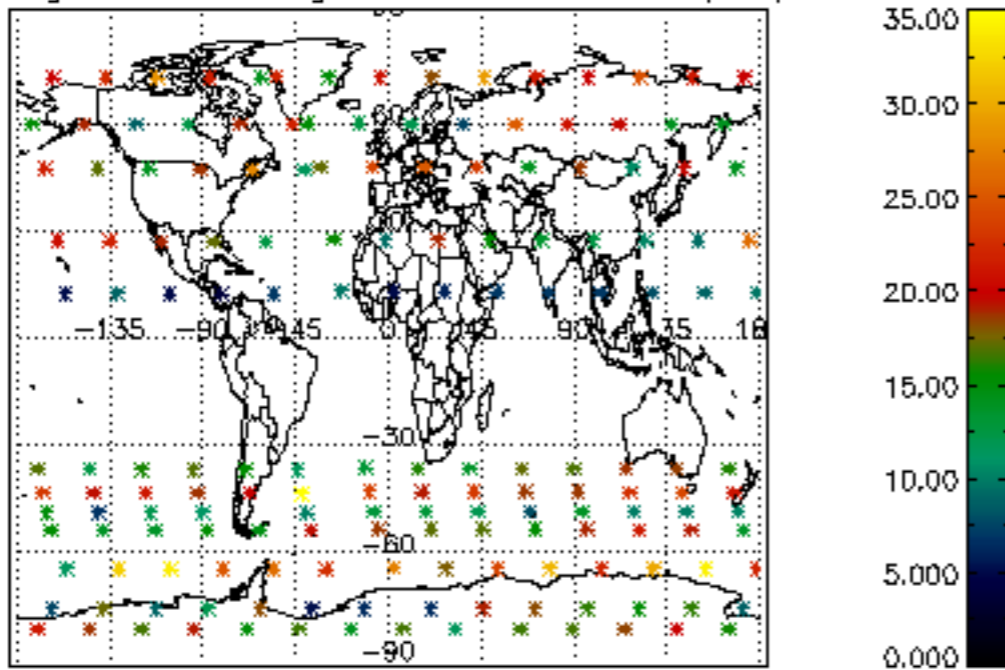
Percentage of cosmic ray hits per profile



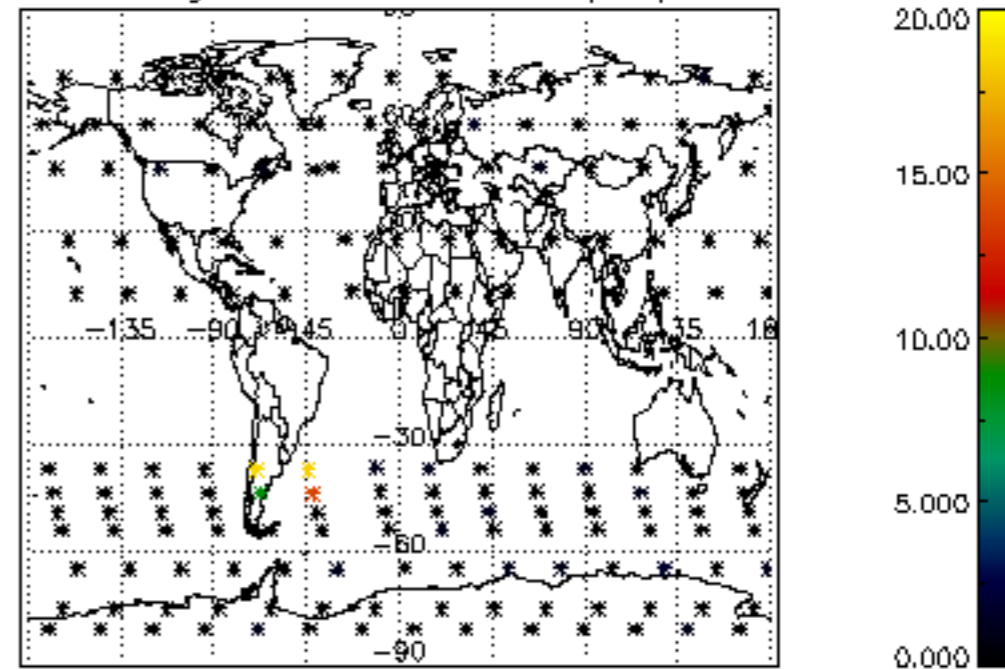
Percentage of datation errors per profile



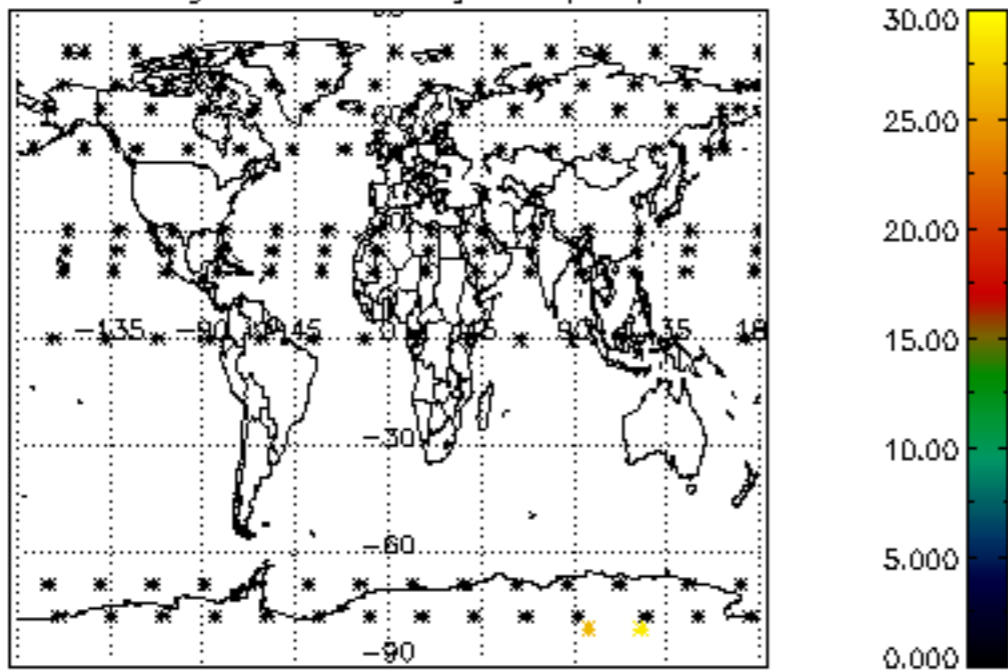
Percentage of star falling outside central band per profile



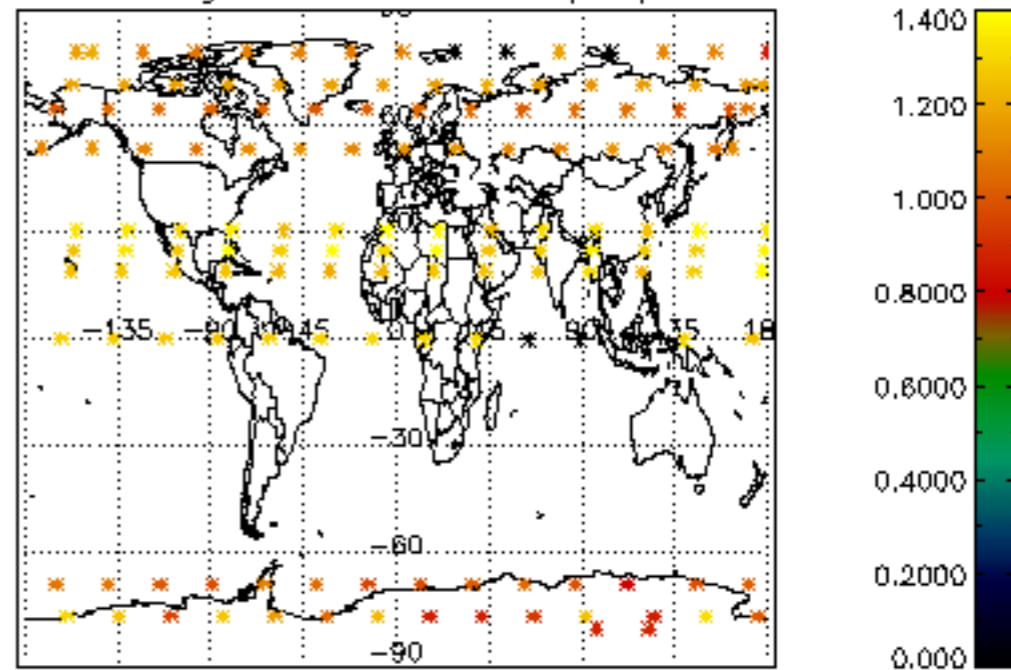
Percentage of saturation errors per profile



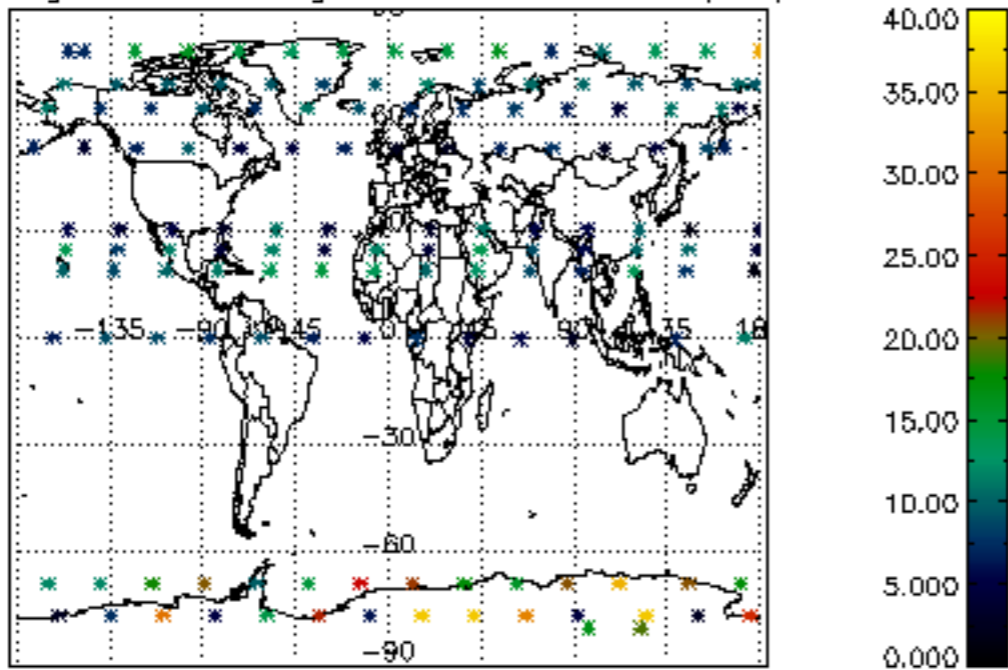
Percentage of cosmic ray hits per profile



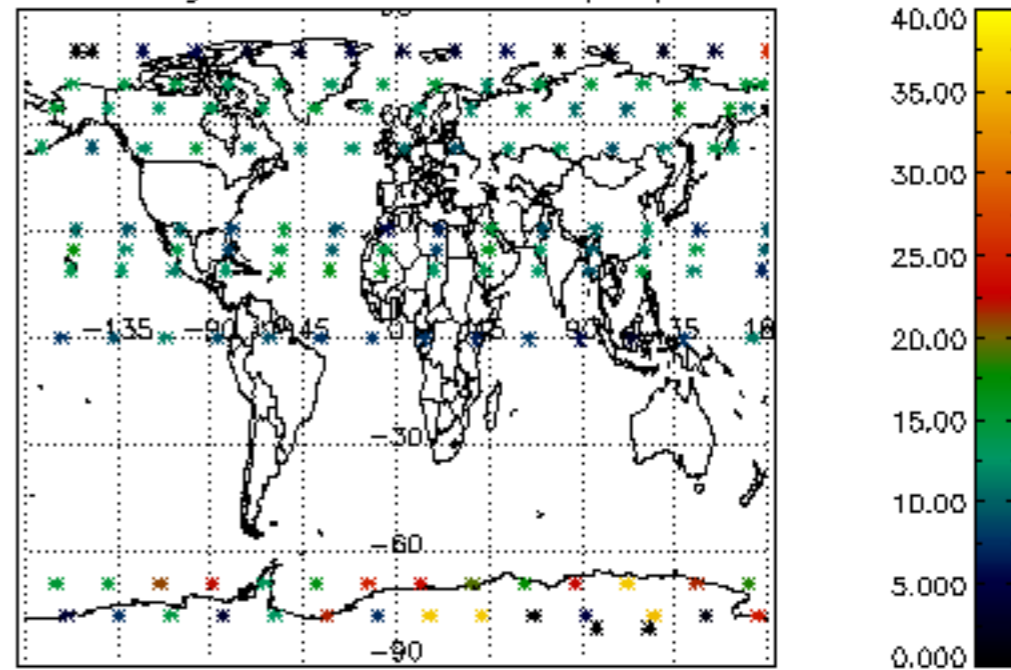
Percentage of datation errors per profile

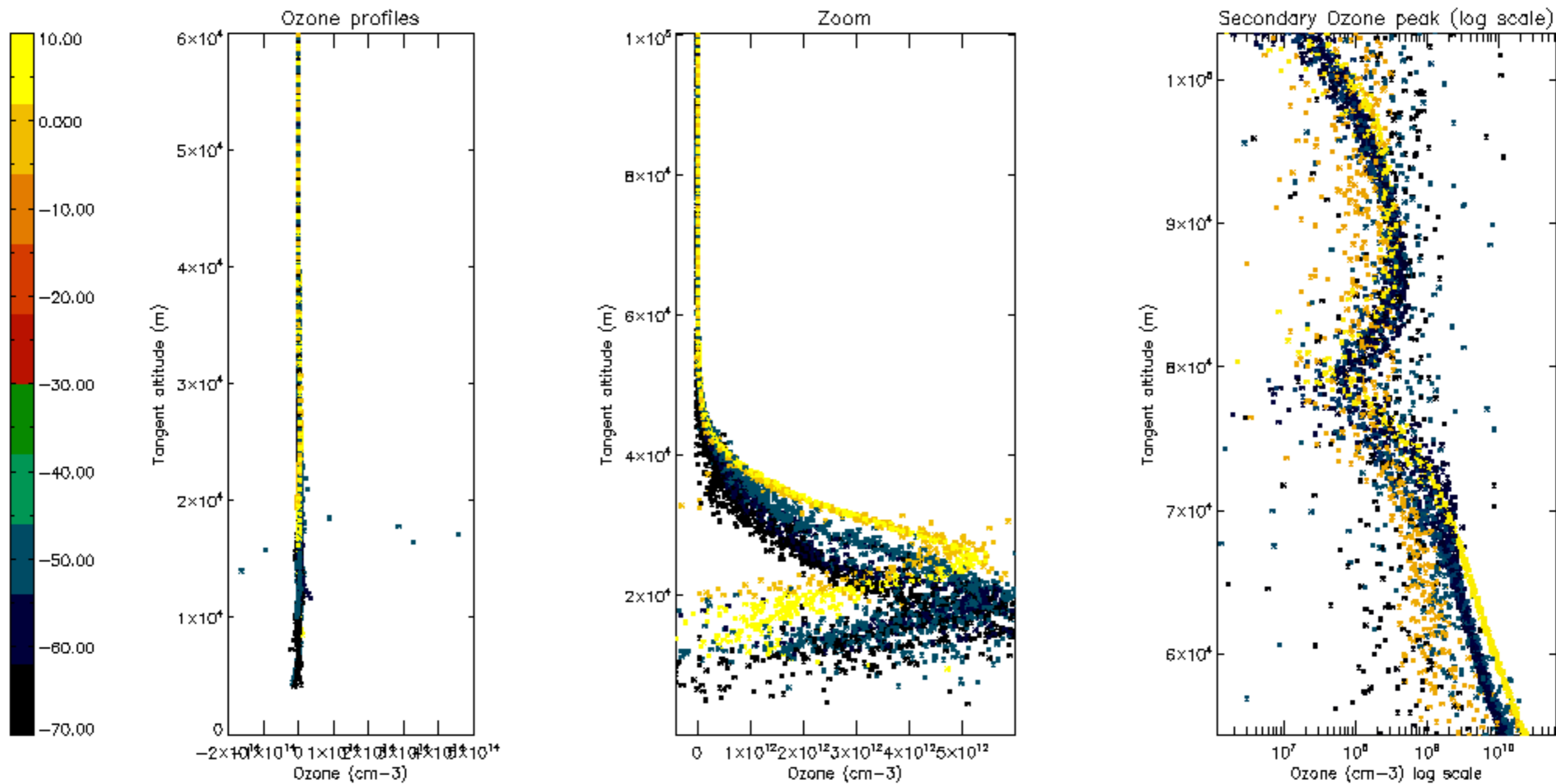


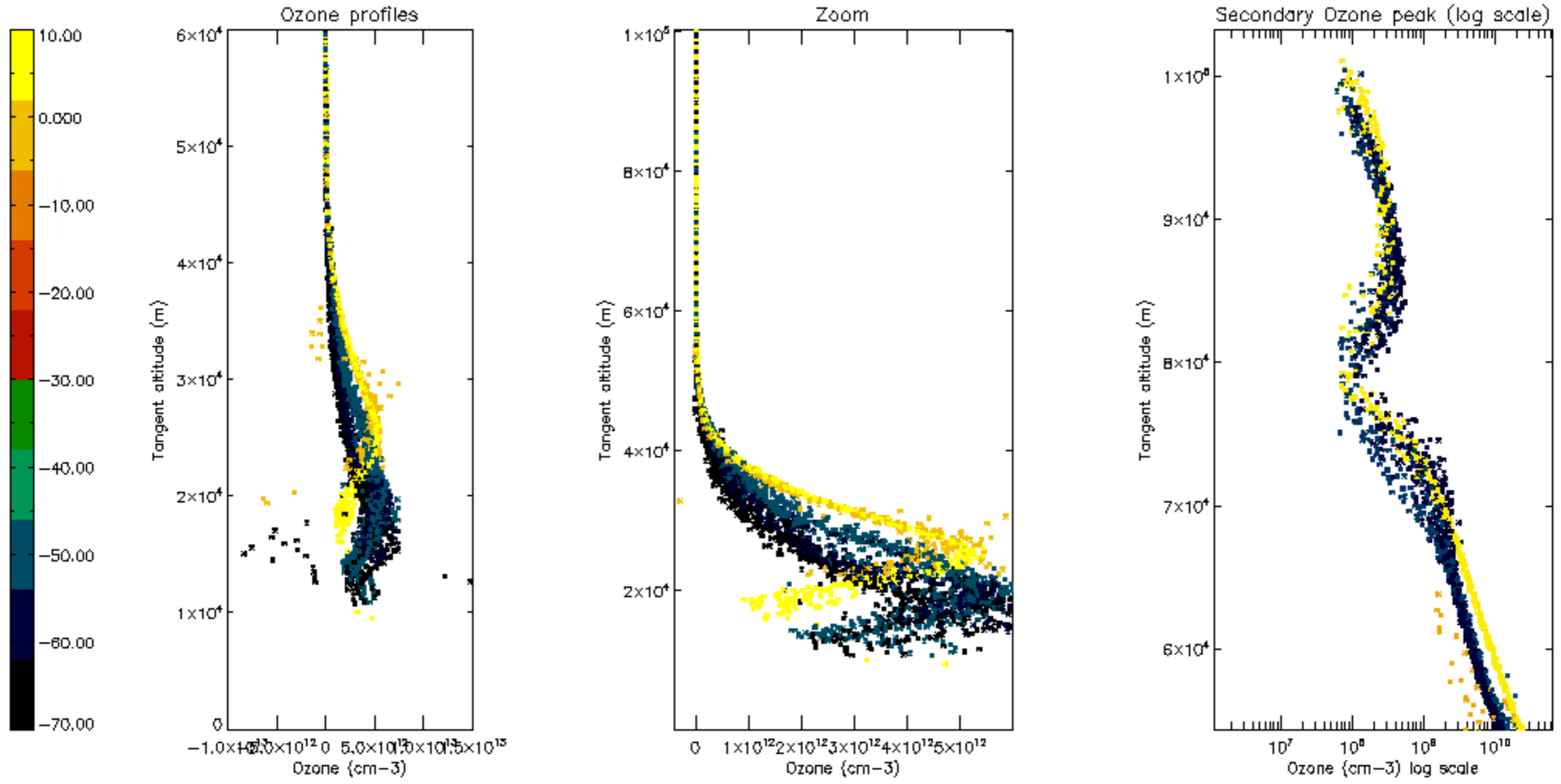
Percentage of star falling outside central band per profile



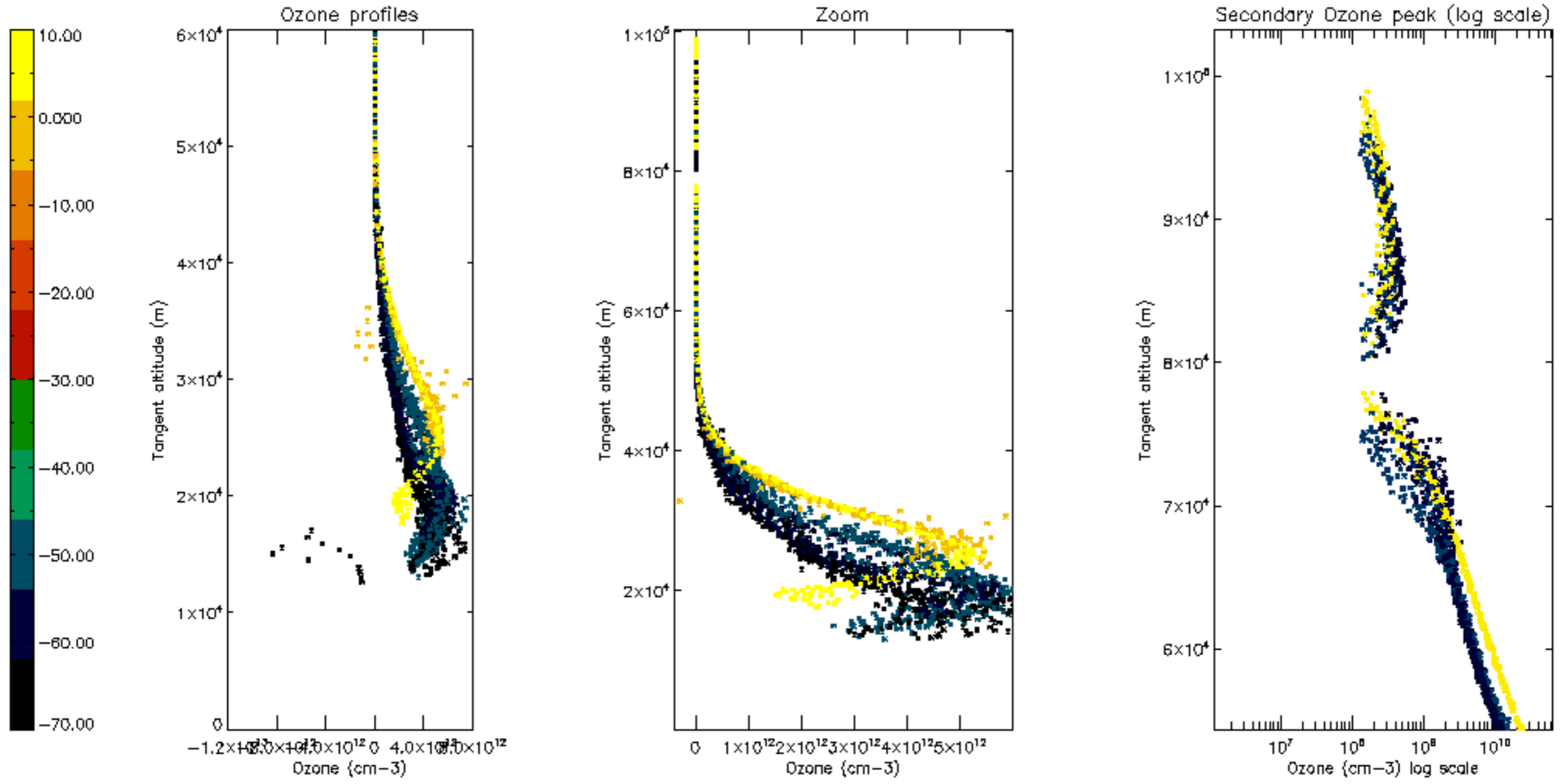
Percentage of saturation errors per profile

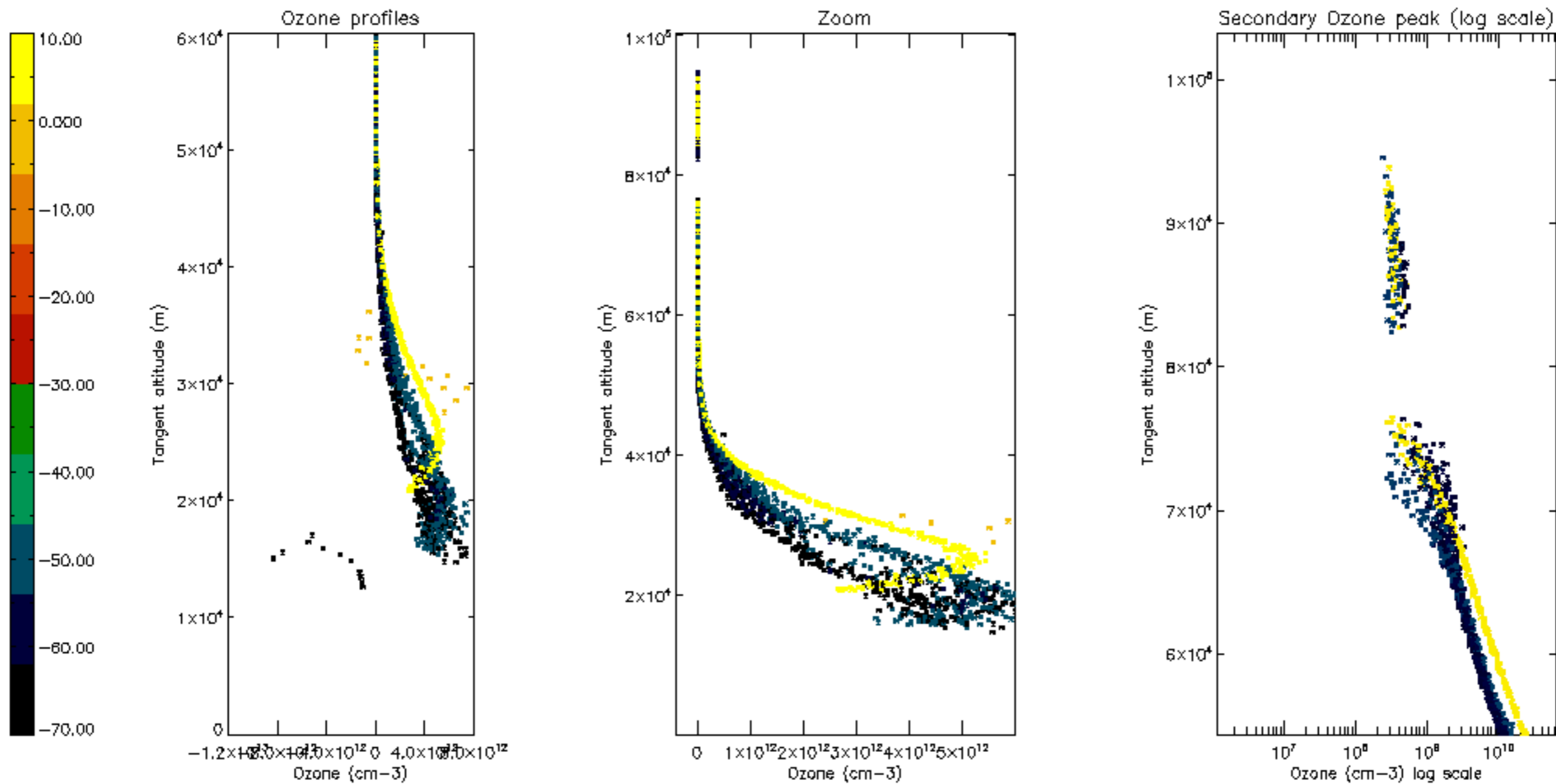


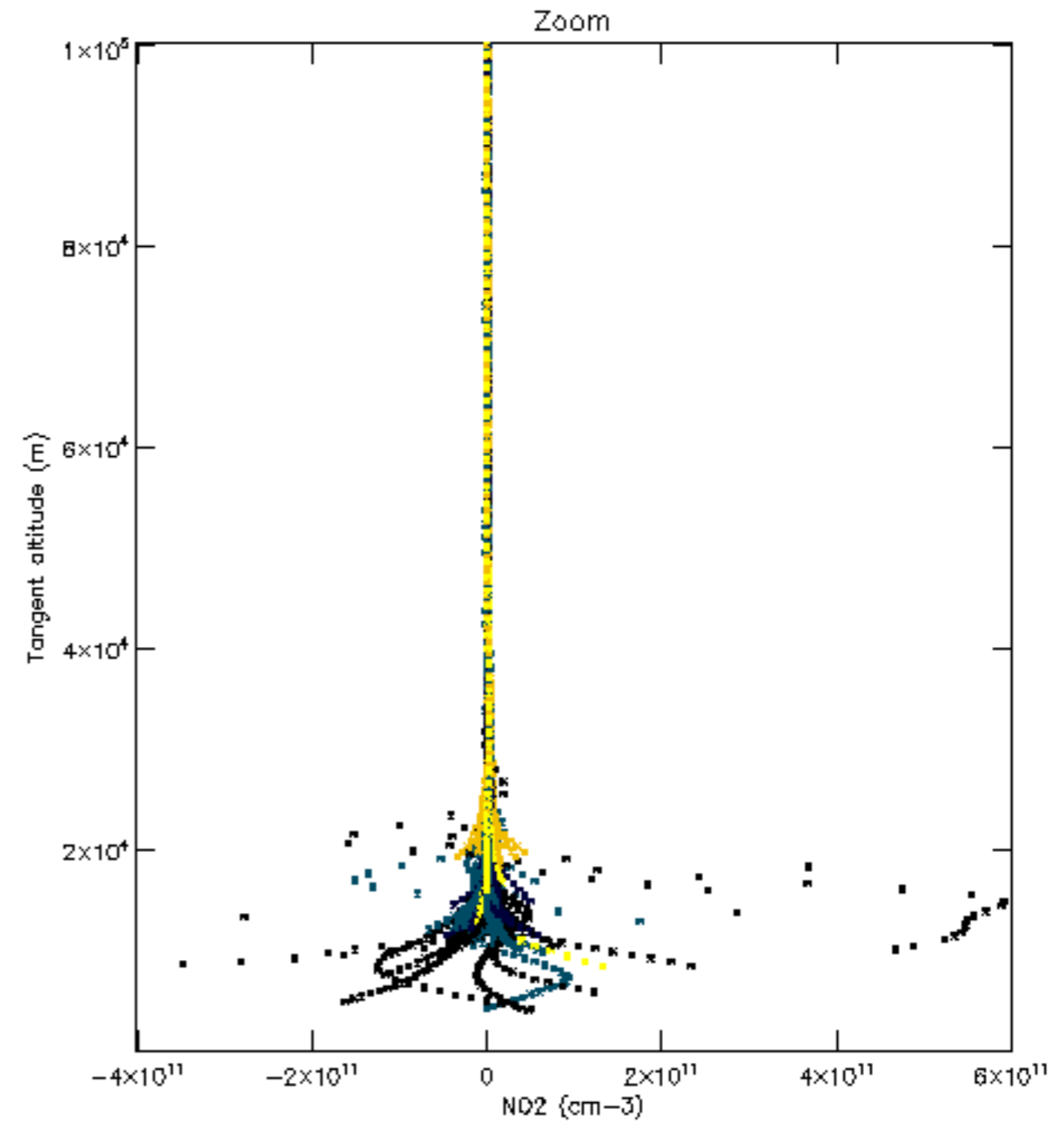
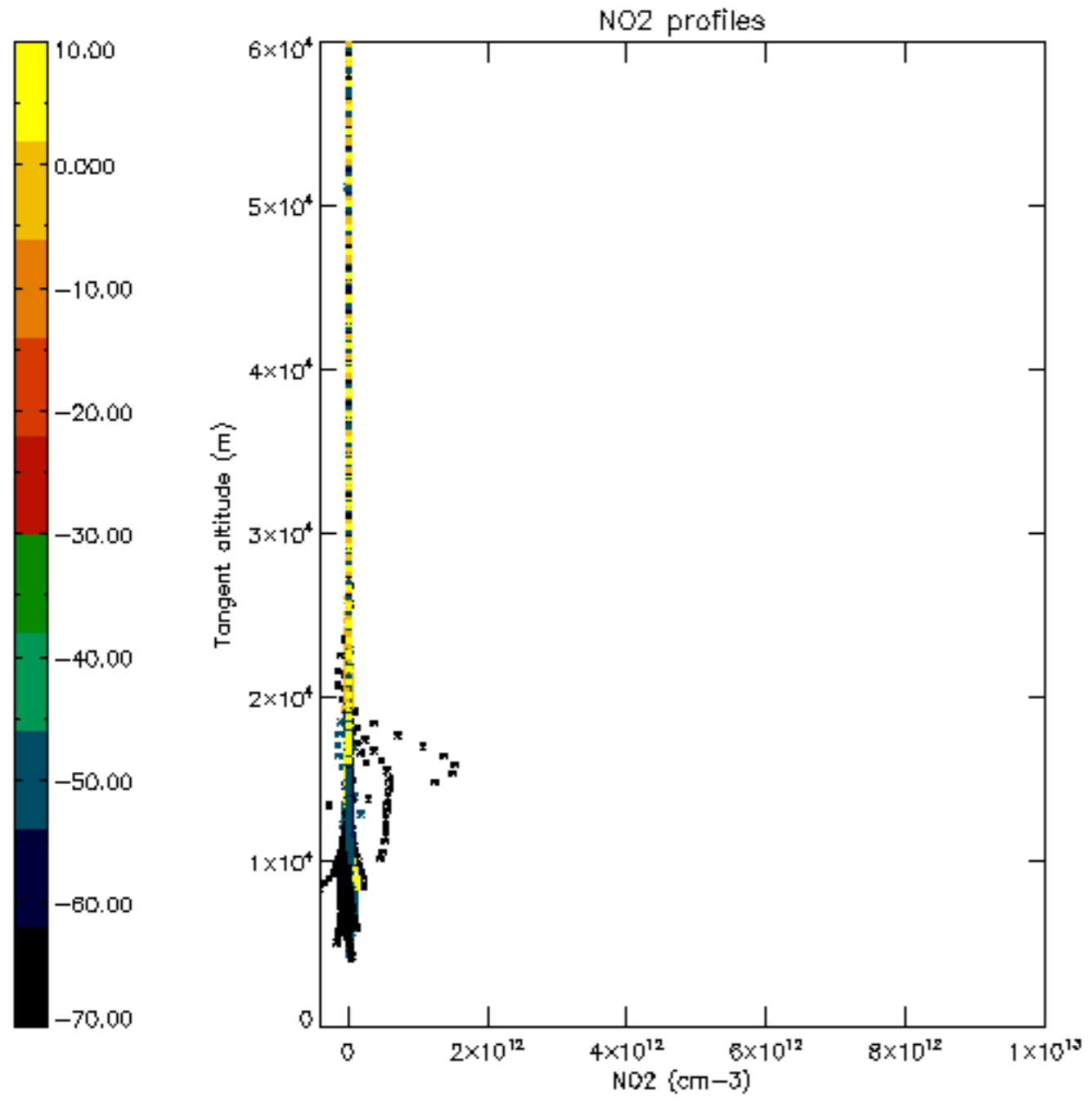


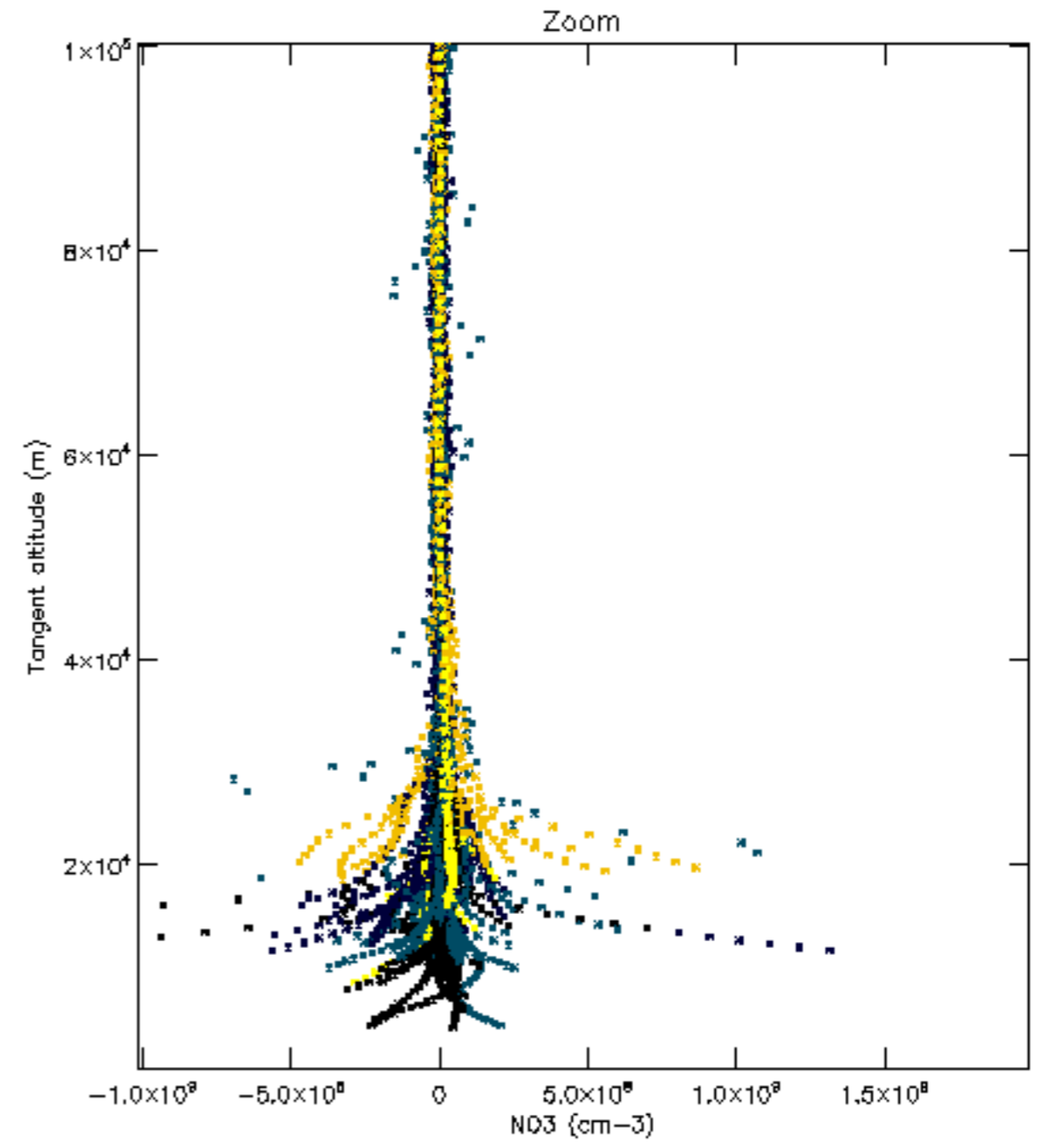
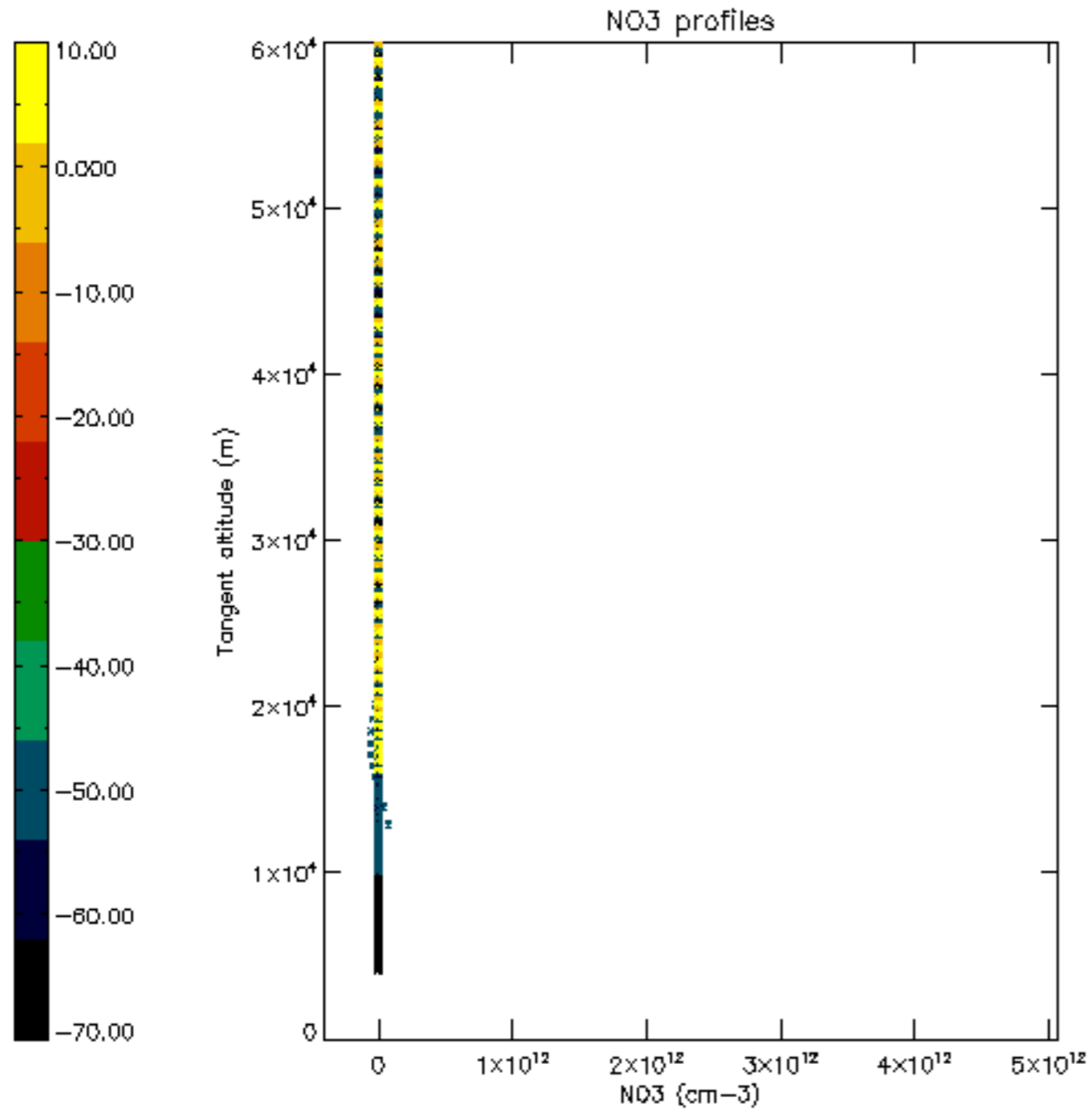


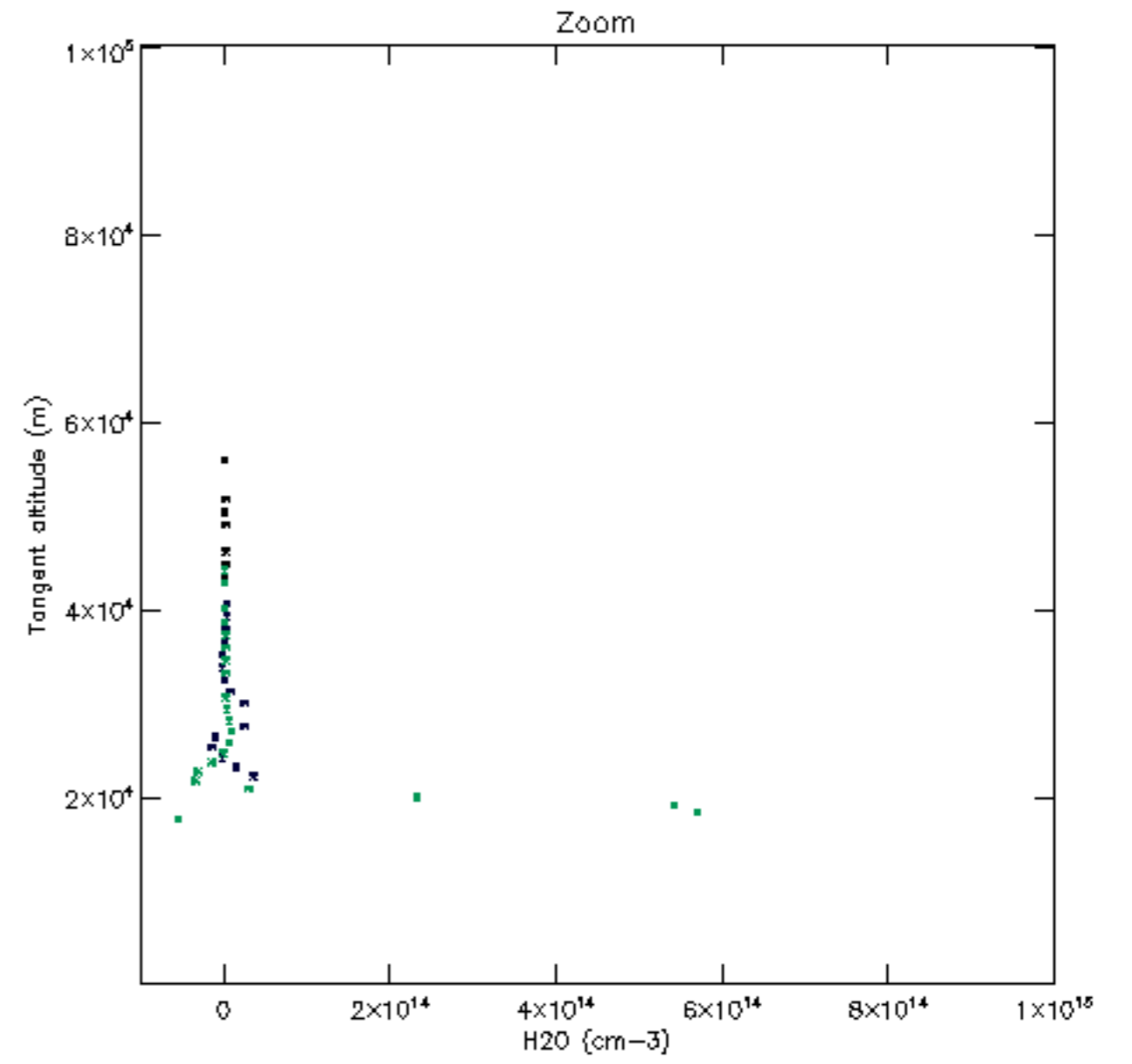
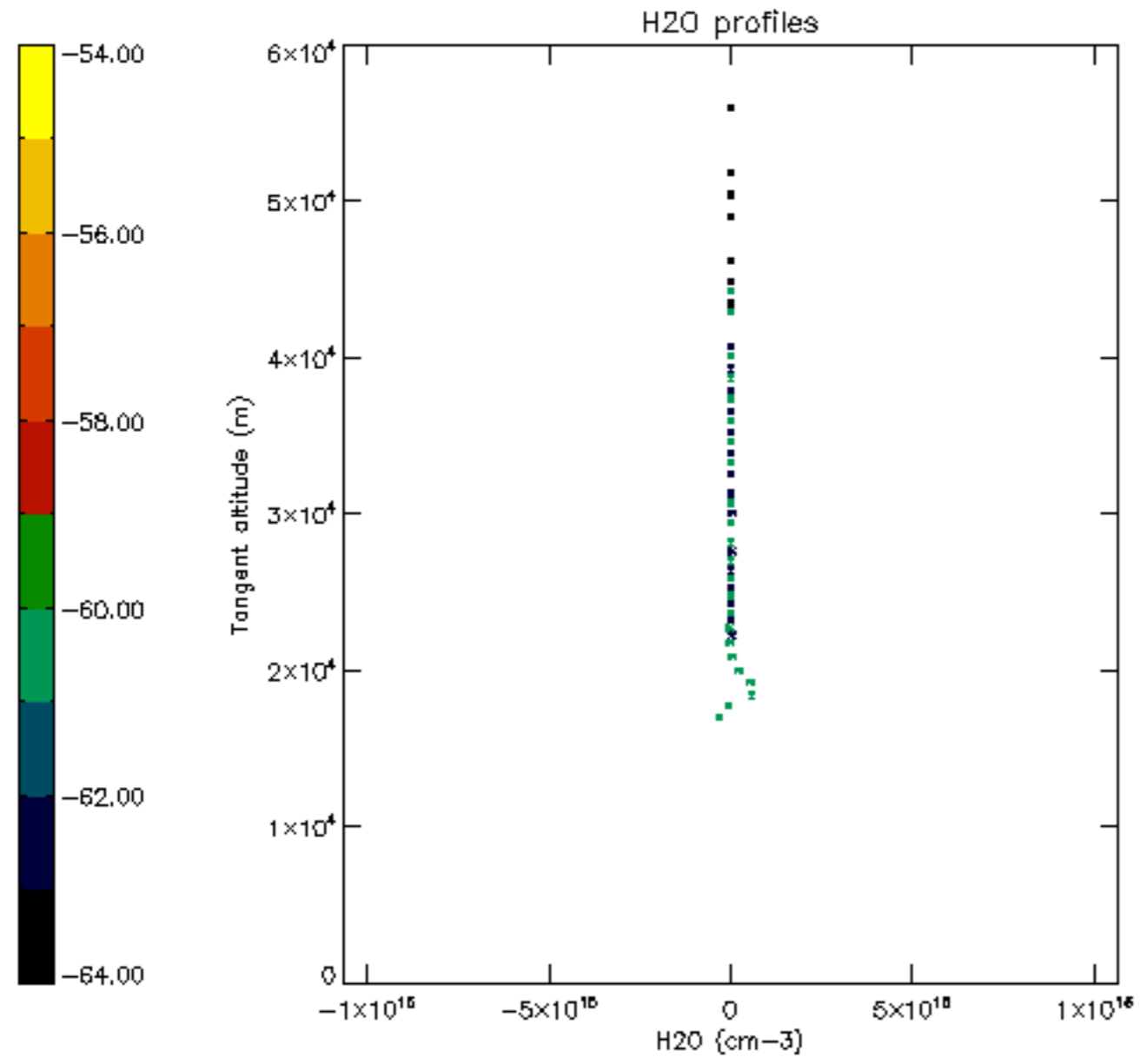


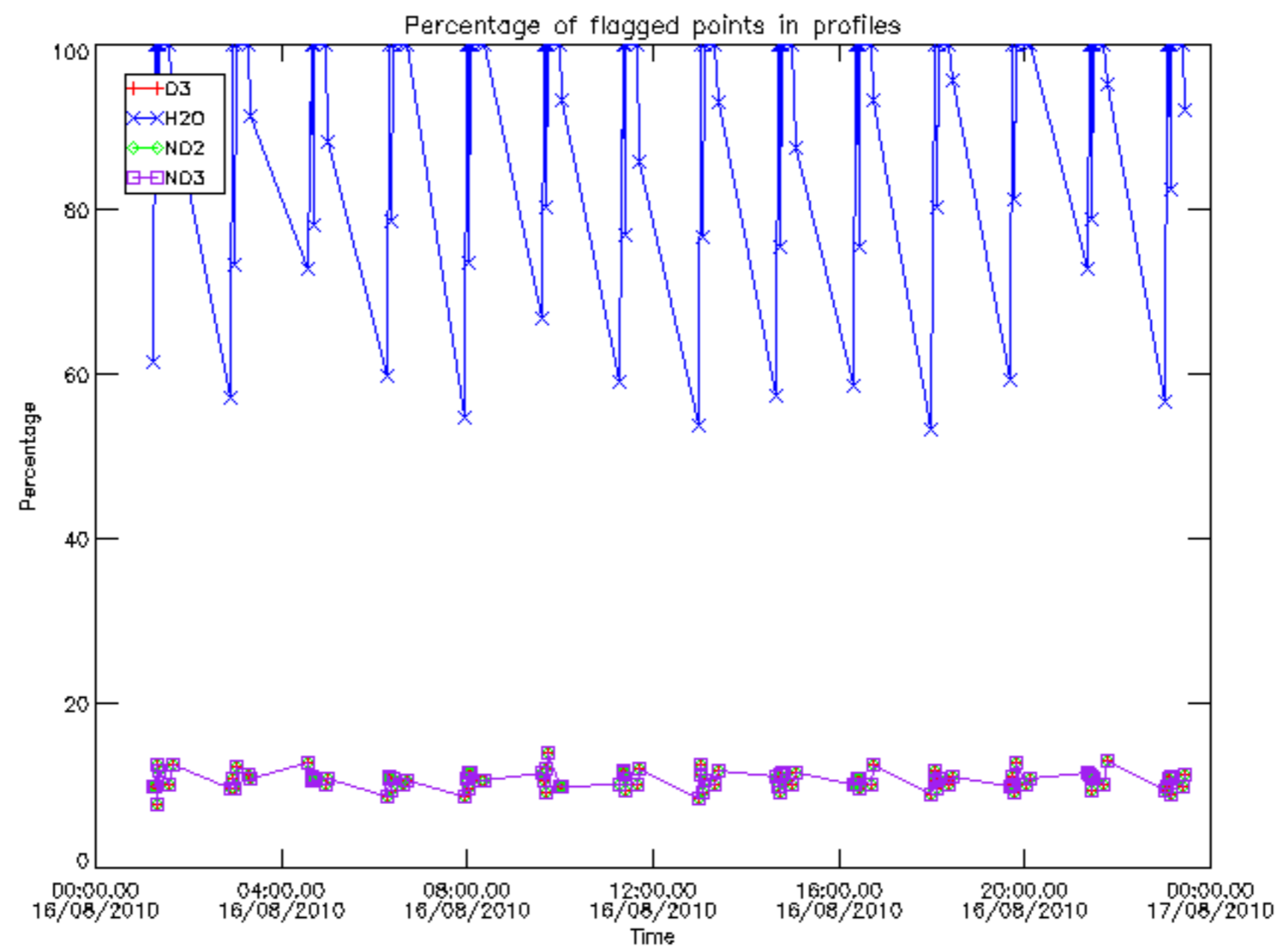




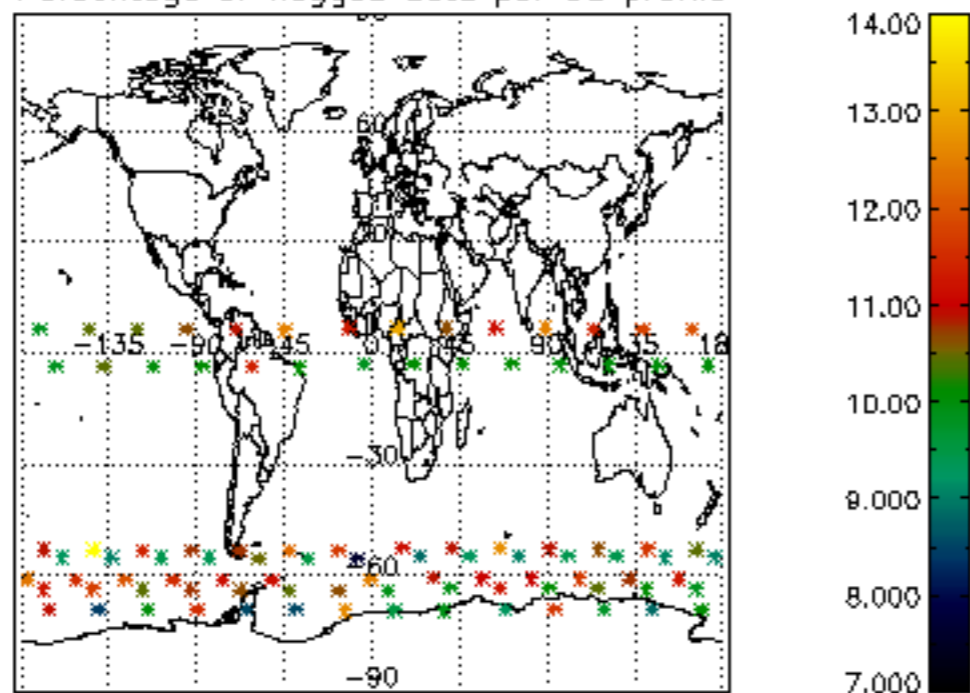




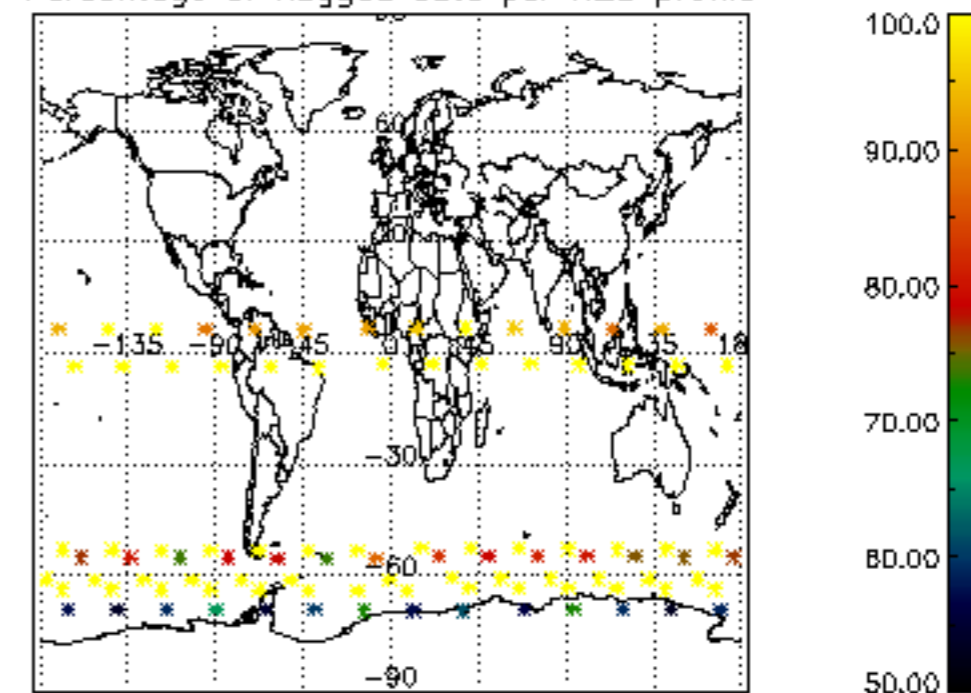




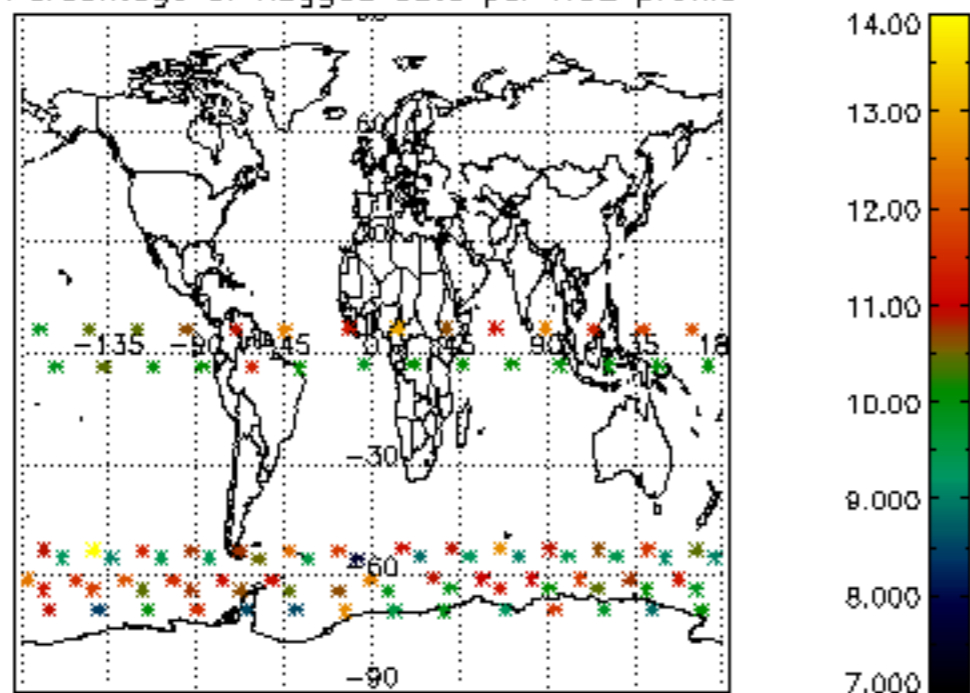
Percentage of flagged data per D3 profile



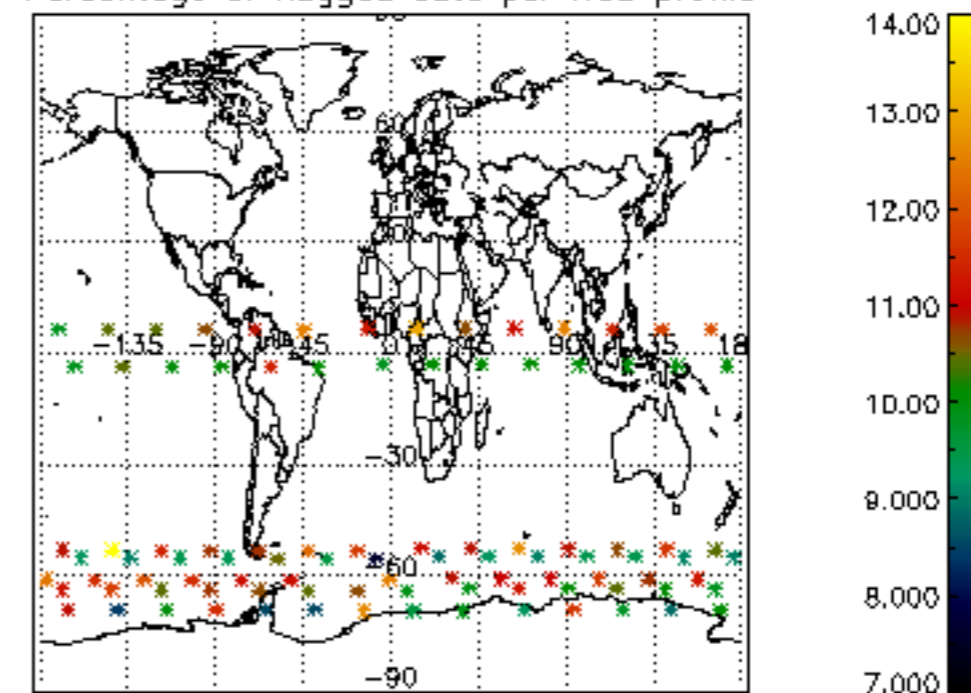
Percentage of flagged data per H2O profile

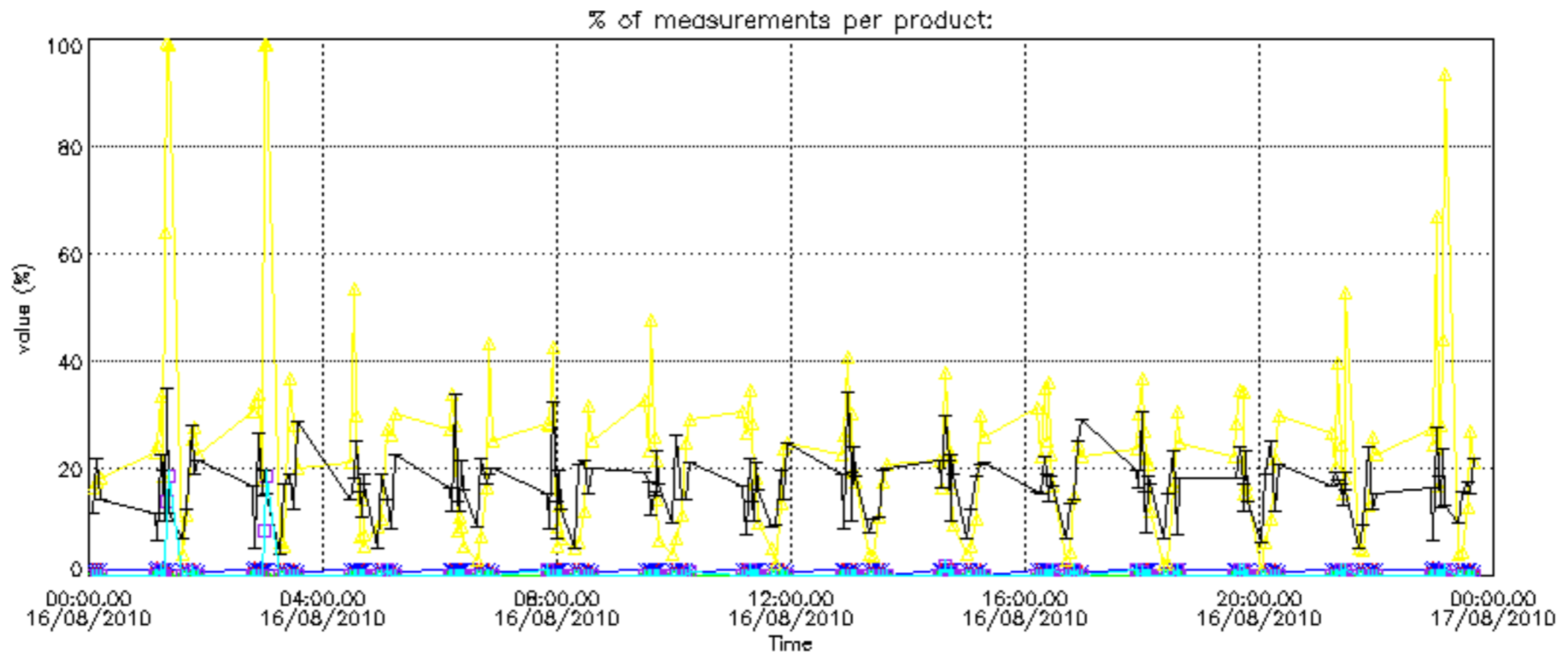


Percentage of flagged data per NO2 profile

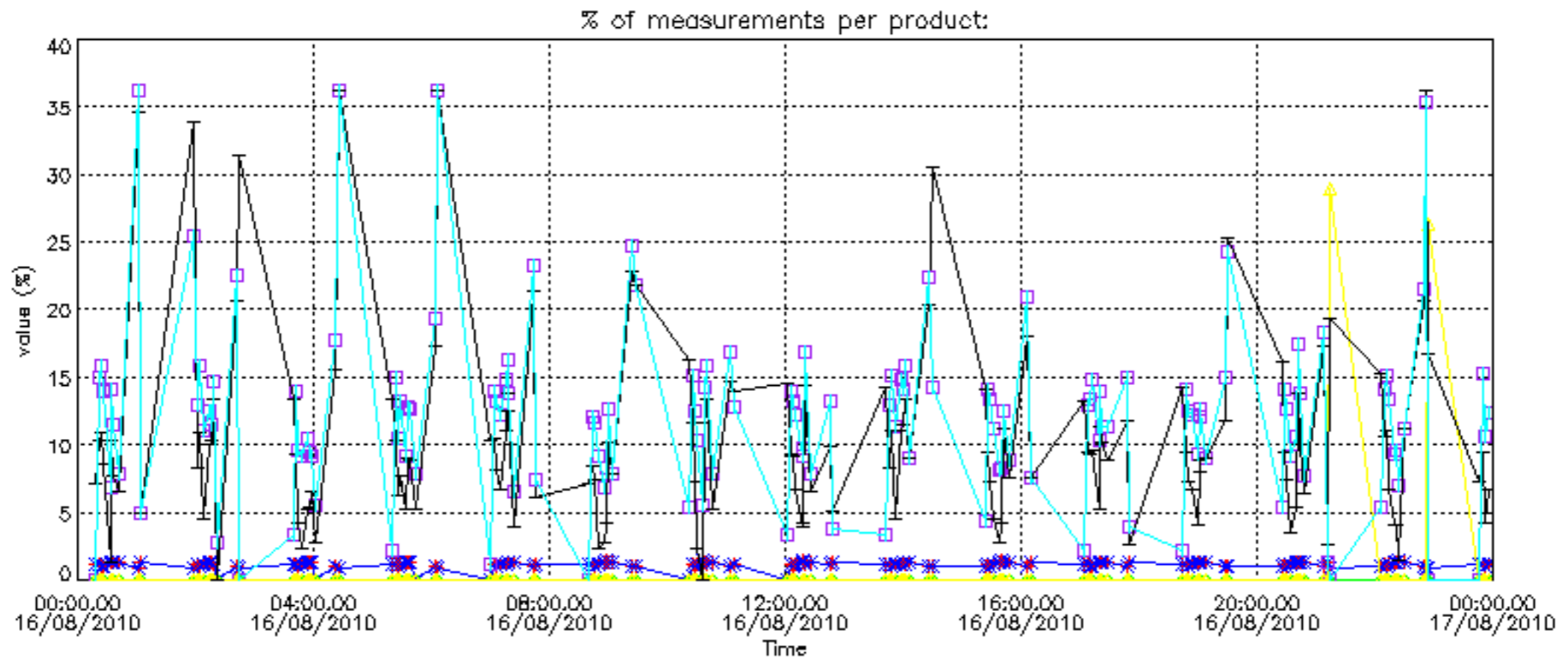


Percentage of flagged data per NO3 profile

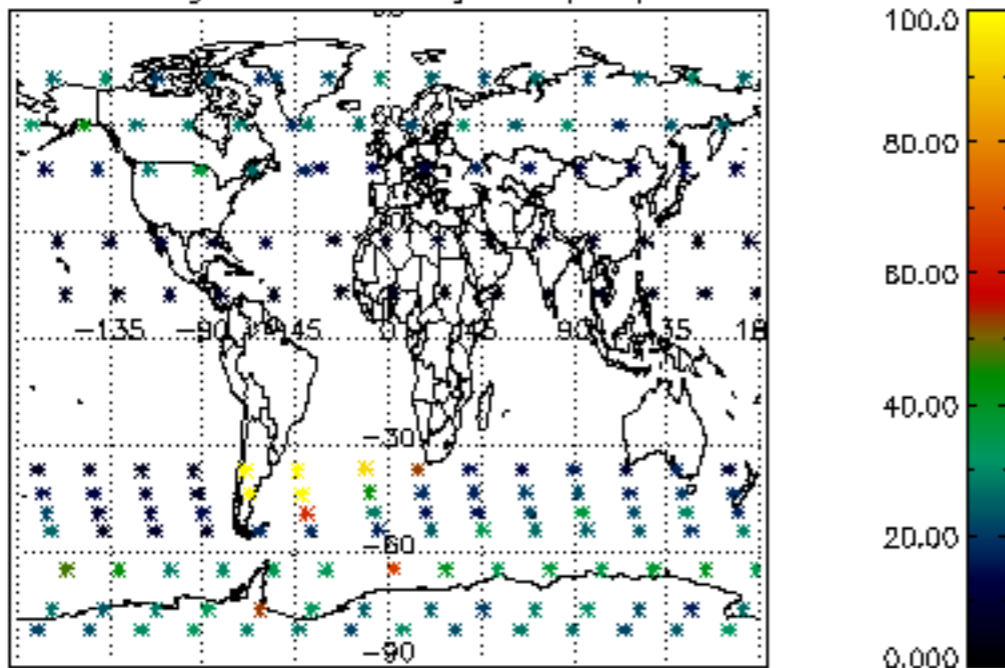




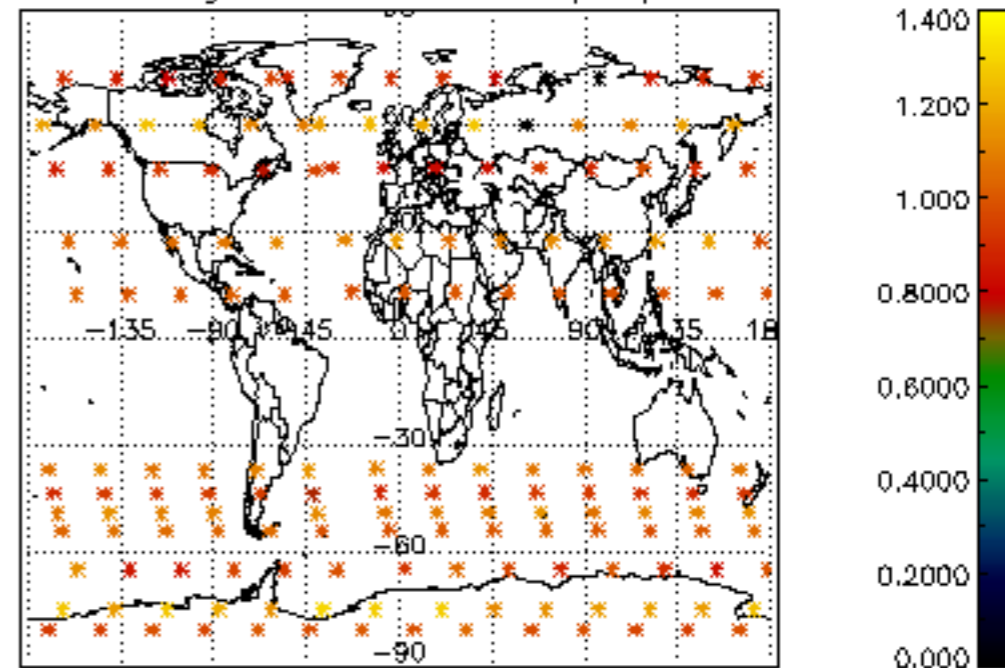




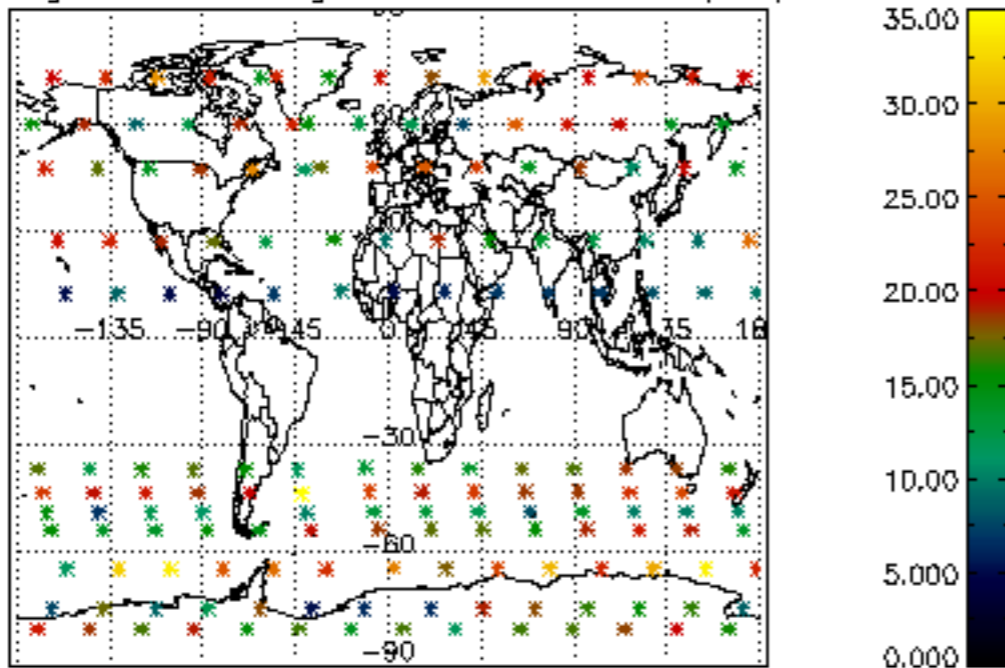
Percentage of cosmic ray hits per profile



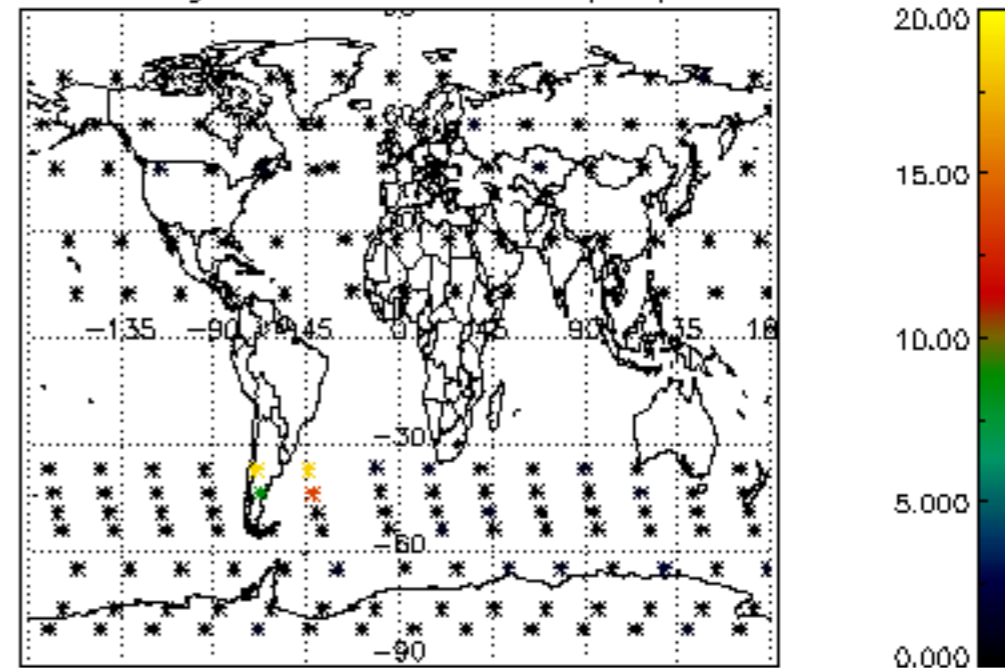
Percentage of datation errors per profile



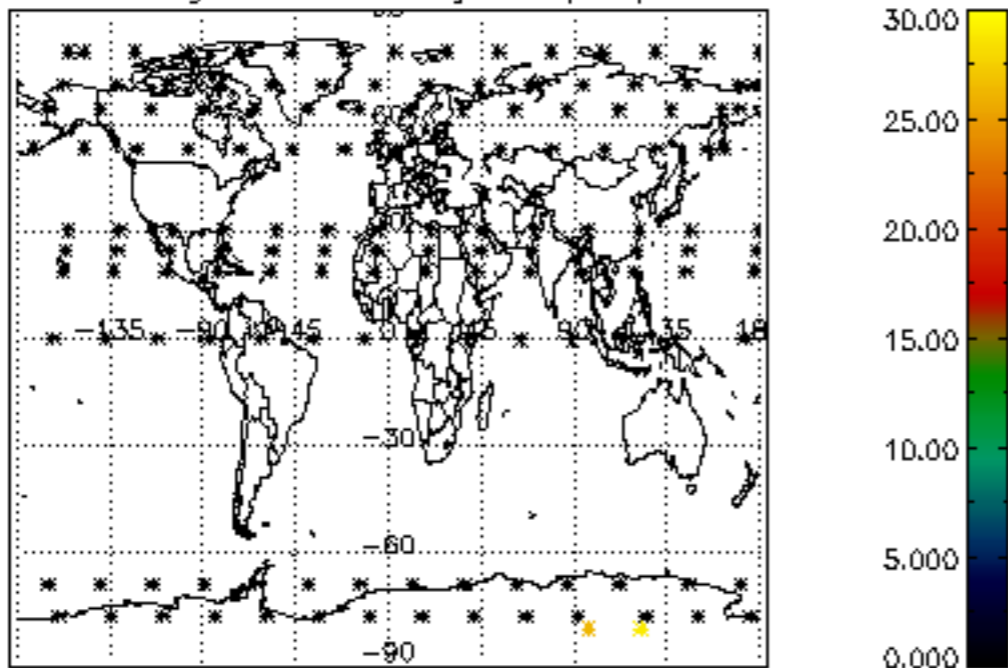
Percentage of star falling outside central band per profile



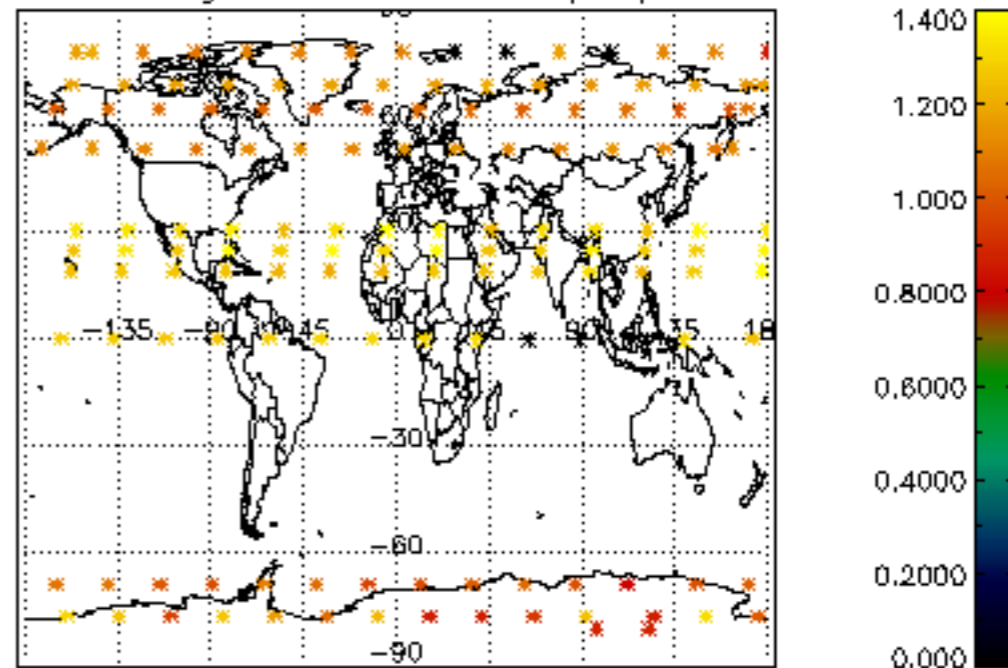
Percentage of saturation errors per profile



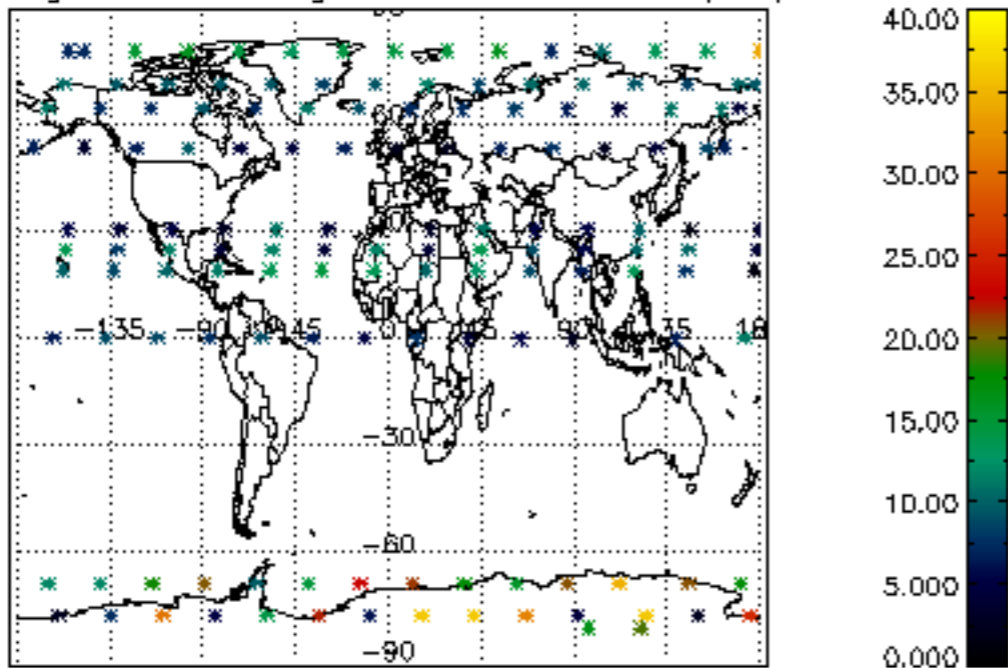
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

