

GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	26APR2013 12:04:12
Data source version	GOMOS/6.01
Start time of products	22-08-2009 (22AUG2009 00:00:00)
Stop time of products	23-08-2009 (23AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	258
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__2PRFIN20090822_000607_000000452081_00460_39091_0034.N1	22-AUG-2009 00:06:07	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	39091	No
2	GOM_NL__2PRFIN20090822_000913_000000432081_00460_39091_0035.N1	22-AUG-2009 00:09:13	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	39091	No
3	GOM_NL__2PRFIN20090822_001733_000000482081_00460_39091_0036.N1	22-AUG-2009 00:17:33	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	39091	No
4	GOM_NL__2PRFIN20090822_002822_000000472081_00460_39091_0037.N1	22-AUG-2009 00:28:22	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	39091	No
5	GOM_NL__2PRFIN20090822_003036_000000492081_00460_39091_0038.N1	22-AUG-2009 00:30:36	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	39091	No
6	GOM_NL__2PRFIN20090822_004404_000000562081_00460_39091_0039.N1	22-AUG-2009 00:44:04	Bright	56.000	6	13Alp Aur	0.080000	3400.0	112	39091	No
7	GOM_NL__2PRFIN20090822_004713_000000612081_00460_39091_0040.N1	22-AUG-2009 00:47:13	Bright	61.000	107	37The Aur	2.6490	11000.	122	39091	No
8	GOM_NL__2PRFIN20090822_004900_000000532081_00460_39091_0041.N1	22-AUG-2009 00:49:00	Twilight	53.000	114	3lot Aur	2.6930	4600.0	106	39091	No
9	GOM_NL__2PRFIN20090822_005031_000000552081_00460_39091_0042.N1	22-AUG-2009 00:50:31	Twilight	55.000	28	12Bet Tau	1.6500	15200.	110	39091	No
10	GOM_NL__2PRFIN20090822_005304_000000512081_00460_39091_0043.N1	22-AUG-2009 00:53:04	Twilight	51.000	176	23Zet Tau	3.0200	22000.	102	39091	No
11	GOM_NL__2PRFIN20090822_005713_000000552081_00460_39091_0044.N1	22-AUG-2009 00:57:13	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	39091	No
12	GOM_NL__2PRFIN20090822_005844_000000572081_00460_39091_0045.N1	22-AUG-2009 00:58:44	Dark	56.500	27	24Gam Ori	1.6360	26000.	113	39091	No
13	GOM_NL__2PRFIN20090822_010041_000000532081_00460_39091_0046.N1	22-AUG-2009 01:00:41	Dark	53.000	30	46Eps Ori	1.6940	30000.	106	39091	No
14	GOM_NL__2PRFIN20090822_010210_000000502081_00460_39091_0047.N1	22-AUG-2009 01:02:10	Dark	50.000	125	44lot Ori	2.7700	30000.	100	39091	No
15	GOM_NL__2PRFIN20090822_010359_000000582081_00460_39091_0048.N1	22-AUG-2009 01:03:59	Dark	58.000	7	19Bet Ori	0.10000	14000.	116	39091	No
16	GOM_NL__2PRFIN20090822_010539_000000482081_00460_39091_0049.N1	22-AUG-2009 01:05:39	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	39091	No
17	GOM_NL__2PRFIN20090822_012008_000000542081_00461_39092_0068.N1	22-AUG-2009 01:20:08	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39092	No
18	GOM_NL__2PRFIN20090822_012924_000000612081_00461_39092_0069.N1	22-AUG-2009 01:29:24	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	39092	No
19	GOM_NL__2PRFIN20090822_013621_000000522081_00461_39092_0070.N1	22-AUG-2009 01:36:21	Twilight	51.500	18	24Alp PsA	1.1660	9700.0	103	39092	No
20	GOM_NL__2PRFIN20090822_014643_000000622081_00461_39092_0071.N1	22-AUG-2009 01:46:43	Bright	62.000	162	34Alp Aqr	2.9440	5350.0	124	39092	No
21	GOM_NL__2PRFIN20090822_014948_000000402081_00461_39092_0072.N1	22-AUG-2009 01:49:48	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	39092	No
22	GOM_NL__2PRFIN20090822_015808_000000502081_00461_39092_0073.N1	22-AUG-2009 01:58:08	Bright	50.000	164	44Eta Peg	2.9480	5400.0	100	39092	No
23	GOM_NL__2PRFIN20090822_020857_000000472081_00461_39092_0074.N1	22-AUG-2009 02:08:57	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	39092	No
24	GOM_NL__2PRFIN20090822_021111_000000442081_00461_39092_0075.N1	22-AUG-2009 02:11:11	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39092	No
25	GOM_NL__2PRFIN20090822_022440_000000542081_00461_39092_0076.N1	22-AUG-2009 02:24:40	Bright	53.500	6	13Alp Aur	0.080000	3400.0	107	39092	No
26	GOM_NL__2PRFIN20090822_022749_000000552081_00461_39092_0077.N1	22-AUG-2009 02:27:49	Bright	54.500	107	37The Aur	2.6490	11000.	109	39092	No
27	GOM_NL__2PRFIN20090822_022935_000000462081_00461_39092_0078.N1	22-AUG-2009 02:29:35	Twilight	46.000	114	3lot Aur	2.6930	4600.0	92	39092	No
28	GOM_NL__2PRFIN20090822_023222_000000532081_00461_39092_0079.N1	22-AUG-2009 02:32:22	Twilight	52.500	151	13Mu Gem	2.8900	3000.0	105	39092	No
29	GOM_NL__2PRFIN20090822_023749_000000522081_00461_39092_0080.N1	22-AUG-2009 02:37:49	Dark	52.000	14	58Alp Ori	0.87000	3000.0	104	39092	No
30	GOM_NL__2PRFIN20090822_023921_000000532081_00461_39092_0081.N1	22-AUG-2009 02:39:21	Dark	53.000	27	24Gam Ori	1.6360	26000.	106	39092	No
31	GOM_NL__2PRFIN20090822_024118_000000542081_00461_39092_0082.N1	22-AUG-2009 02:41:18	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	39092	No
32	GOM_NL__2PRFIN20090822_024246_000000502081_00461_39092_0083.N1	22-AUG-2009 02:42:46	Dark	49.500	125	44lot Ori	2.7700	30000.	99	39092	No
33	GOM_NL__2PRFIN20090822_024436_000000642081_00461_39092_0084.N1	22-AUG-2009 02:44:36	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	39092	No
34	GOM_NL__2PRFIN20090822_030045_000000542081_00462_39093_0086.N1	22-AUG-2009 03:00:45	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39093	No
35	GOM_NL__2PRFIN20090822_031000_000000512081_00462_39093_0087.N1	22-AUG-2009 03:10:00	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39093	No
36	GOM_NL__2PRFIN20090822_031657_000000502081_00462_39093_0088.N1	22-AUG-2009 03:16:57	Twilight	50.000	18	24Alp PsA	1.1660	9700.0	100	39093	No
37	GOM_NL__2PRFIN20090822_032719_000000422081_00462_39093_0089.N1	22-AUG-2009 03:27:19	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	39093	No
38	GOM_NL__2PRFIN20090822_033024_000000562081_00462_39093_0090.N1	22-AUG-2009 03:30:24	Bright	56.000	61	8Eps Peg	2.1000	3900.0	112	39093	No
39	GOM_NL__2PRFIN20090822_033844_000000502081_00462_39093_0091.N1	22-AUG-2009 03:38:44	Bright	50.000	164	44Eta Peg	2.9480	5400.0	100	39093	No
40	GOM_NL__2PRFIN20090822_034932_000000432081_00462_39093_0092.N1	22-AUG-2009 03:49:32	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39093	No
41	GOM_NL__2PRFIN20090822_035146_000000472081_00462_39093_0093.N1	22-AUG-2009 03:51:46	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39093	No
42	GOM_NL__2PRFIN20090822_040516_000000512081_00462_39093_0094.N1	22-AUG-2009 04:05:16	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	39093	No

43	GOM_NL__2PRFIN20090822_040825_000000452081_00462_39093_0095.N1	22-AUG-2009 04:08:25	Bright	44.500	107	37The Aur	2.6490	11000.	89	39093	No
44	GOM_NL__2PRFIN20090822_041012_000000462081_00462_39093_0096.N1	22-AUG-2009 04:10:12	Twilight	46.000	114	3lot Aur	2.6930	4600.0	92	39093	No
45	GOM_NL__2PRFIN20090822_041258_000000502081_00462_39093_0097.N1	22-AUG-2009 04:12:58	Twilight	49.500	151	13Mu Gem	2.8900	3000.0	99	39093	No
46	GOM_NL__2PRFIN20090822_041826_000000592081_00462_39093_0098.N1	22-AUG-2009 04:18:26	Dark	58.500	14	58Alp Ori	0.87000	3000.0	117	39093	No
47	GOM_NL__2PRFIN20090822_041957_000000572081_00462_39093_0099.N1	22-AUG-2009 04:19:57	Dark	56.500	27	24Gam Ori	1.6360	26000.	113	39093	No
48	GOM_NL__2PRFIN20090822_042155_000000542081_00462_39093_0100.N1	22-AUG-2009 04:21:55	Dark	53.500	30	46Eps Ori	1.6940	30000.	107	39093	No
49	GOM_NL__2PRFIN20090822_042323_000000512081_00462_39093_0101.N1	22-AUG-2009 04:23:23	Dark	50.500	125	44lot Ori	2.7700	30000.	101	39093	No
50	GOM_NL__2PRFIN20090822_042513_000000642081_00462_39093_0102.N1	22-AUG-2009 04:25:13	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	39093	No
51	GOM_NL__2PRFIN20090822_042652_000000492081_00462_39093_0103.N1	22-AUG-2009 04:26:52	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39093	No
52	GOM_NL__2PRFIN20090822_044123_000000532081_00463_39094_0100.N1	22-AUG-2009 04:41:23	Dark	52.500	157	The1Eri	2.9060	9300.0	105	39094	No
53	GOM_NL__2PRFIN20090822_045037_000000542081_00463_39094_0101.N1	22-AUG-2009 04:50:37	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	39094	No
54	GOM_NL__2PRFIN20090822_045734_000000512081_00463_39094_0102.N1	22-AUG-2009 04:57:34	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	39094	No
55	GOM_NL__2PRFIN20090822_050754_000000622081_00463_39094_0103.N1	22-AUG-2009 05:07:54	Bright	62.000	162	34Alp Aqr	2.9440	5350.0	124	39094	No
56	GOM_NL__2PRFIN20090822_051100_000000592081_00463_39094_0104.N1	22-AUG-2009 05:11:00	Bright	59.000	61	8Eps Peg	2.1000	3900.0	118	39094	No
57	GOM_NL__2PRFIN20090822_051919_000000502081_00463_39094_0105.N1	22-AUG-2009 05:19:19	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	39094	No
58	GOM_NL__2PRFIN20090822_053008_000000482081_00463_39094_0106.N1	22-AUG-2009 05:30:08	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	39094	No
59	GOM_NL__2PRFIN20090822_053222_000000482081_00463_39094_0107.N1	22-AUG-2009 05:32:22	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	39094	No
60	GOM_NL__2PRFIN20090822_054552_000000662081_00463_39094_0108.N1	22-AUG-2009 05:45:52	Bright	66.000	6	13Alp Aur	0.080000	3400.0	132	39094	No
61	GOM_NL__2PRFIN20090822_054901_000000522081_00463_39094_0109.N1	22-AUG-2009 05:49:01	Bright	51.500	107	37The Aur	2.6490	11000.	103	39094	No
62	GOM_NL__2PRFIN20090822_055048_000000382081_00463_39094_0110.N1	22-AUG-2009 05:50:48	Twilight	38.000	114	3lot Aur	2.6930	4600.0	76	39094	No
63	GOM_NL__2PRFIN20090822_055219_000000532081_00463_39094_0111.N1	22-AUG-2009 05:52:19	Twilight	53.000	28	12Bet Tau	1.6500	15200.	106	39094	No
64	GOM_NL__2PRFIN20090822_055453_000000492081_00463_39094_0112.N1	22-AUG-2009 05:54:53	Twilight	48.500	176	23Zet Tau	3.0200	22000.	97	39094	No
65	GOM_NL__2PRFIN20090822_055903_000000502081_00463_39094_0113.N1	22-AUG-2009 05:59:03	Dark	49.500	14	58Alp Ori	0.87000	3000.0	99	39094	No
66	GOM_NL__2PRFIN20090822_060034_000000572081_00463_39094_0114.N1	22-AUG-2009 06:00:34	Dark	56.500	27	24Gam Ori	1.6360	26000.	113	39094	No
67	GOM_NL__2PRFIN20090822_060231_000000542081_00463_39094_0115.N1	22-AUG-2009 06:02:31	Dark	53.500	30	46Eps Ori	1.6940	30000.	107	39094	No
68	GOM_NL__2PRFIN20090822_060400_000000462081_00463_39094_0116.N1	22-AUG-2009 06:04:00	Dark	45.500	125	44lot Ori	2.7700	30000.	91	39094	No
69	GOM_NL__2PRFIN20090822_060550_000000642081_00463_39094_0117.N1	22-AUG-2009 06:05:50	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	39094	No
70	GOM_NL__2PRFIN20090822_060729_000000512081_00463_39094_0118.N1	22-AUG-2009 06:07:29	Dark	50.500	101	11Alp Lep	2.5820	7000.0	101	39094	No
71	GOM_NL__2PRFIN20090822_062200_000000532081_00464_39095_0116.N1	22-AUG-2009 06:22:00	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39095	No
72	GOM_NL__2PRFIN20090822_063114_000000502081_00464_39095_0117.N1	22-AUG-2009 06:31:14	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	39095	No
73	GOM_NL__2PRFIN20090822_063810_000000522081_00464_39095_0118.N1	22-AUG-2009 06:38:10	Twilight	51.500	18	24Alp PsA	1.1660	9700.0	103	39095	No
74	GOM_NL__2PRFIN20090822_064830_000000442081_00464_39095_0119.N1	22-AUG-2009 06:48:30	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	39095	No
75	GOM_NL__2PRFIN20090822_065136_000000442081_00464_39095_0120.N1	22-AUG-2009 06:51:36	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	39095	No
76	GOM_NL__2PRFIN20090822_065954_000000502081_00464_39095_0121.N1	22-AUG-2009 06:59:54	Bright	50.000	164	44Eta Peg	2.9480	5400.0	100	39095	No
77	GOM_NL__2PRFIN20090822_071043_000000462081_00464_39095_0122.N1	22-AUG-2009 07:10:43	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39095	No
78	GOM_NL__2PRFIN20090822_071257_000000442081_00464_39095_0123.N1	22-AUG-2009 07:12:57	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39095	No
79	GOM_NL__2PRFIN20090822_072627_000000522081_00464_39095_0124.N1	22-AUG-2009 07:26:27	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	39095	No
80	GOM_NL__2PRFIN20090822_072937_000000422081_00464_39095_0125.N1	22-AUG-2009 07:29:37	Bright	41.500	107	37The Aur	2.6490	11000.	83	39095	No
81	GOM_NL__2PRFIN20090822_073124_000000382081_00464_39095_0126.N1	22-AUG-2009 07:31:24	Twilight	38.000	114	3lot Aur	2.6930	4600.0	76	39095	No
82	GOM_NL__2PRFIN20090822_073256_000000542081_00464_39095_0127.N1	22-AUG-2009 07:32:56	Twilight	54.000	28	12Bet Tau	1.6500	15200.	108	39095	No
83	GOM_NL__2PRFIN20090822_073529_000000502081_00464_39095_0128.N1	22-AUG-2009 07:35:29	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39095	No
84	GOM_NL__2PRFIN20090822_073939_000000532081_00464_39095_0129.N1	22-AUG-2009 07:39:39	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	39095	No
85	GOM_NL__2PRFIN20090822_074111_000000612081_00464_39095_0130.N1	22-AUG-2009 07:41:11	Dark	60.500	27	24Gam Ori	1.6360	26000.	121	39095	No
86	GOM_NL__2PRFIN20090822_074308_000000542081_00464_39095_0131.N1	22-AUG-2009 07:43:08	Dark	53.500	30	46Eps Ori	1.6940	30000.	107	39095	No
87	GOM_NL__2PRFIN20090822_074437_000000512081_00464_39095_0132.N1	22-AUG-2009 07:44:37	Dark	51.000	125	44lot Ori	2.7700	30000.	102	39095	No
88	GOM_NL__2PRFIN20090822_074627_000000592081_00464_39095_0133.N1	22-AUG-2009 07:46:27	Dark	59.000	7	19Bet Ori	0.10000	14000.	118	39095	No
89	GOM_NL__2PRFIN20090822_074806_000000502081_00464_39095_0134.N1	22-AUG-2009 07:48:06	Dark	50.000	101	11Alp Lep	2.5820	7000.0	100	39095	No
90	GOM_NL__2PRFIN20090822_080237_000000532081_00465_39096_0132.N1	22-AUG-2009 08:02:37	Dark	52.500	157	The1Eri	2.9060	9300.0	105	39096	No
91	GOM_NL__2PRFIN20090822_081150_000000502081_00465_39096_0133.N1	22-AUG-2009 08:11:50	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	39096	No
92	GOM_NL__2PRFIN20090822_081846_000000512081_00465_39096_0134.N1	22-AUG-2009 08:18:46	Twilight	51.000	18	24Alp PsA	1.1660	9700.0	102	39096	No
93	GOM_NL__2PRFIN20090822_082906_000000432081_00465_39096_0135.N1	22-AUG-2009 08:29:06	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	39096	No
94	GOM_NL__2PRFIN20090822_083211_000000432081_00465_39096_0136.N1	22-AUG-2009 08:32:11	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	39096	No
95	GOM_NL__2PRFIN20090822_084029_000000502081_00465_39096_0137.N1	22-AUG-2009 08:40:29	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	39096	No
96	GOM_NL__2PRFIN20090822_085118_000000462081_00465_39096_0138.N1	22-AUG-2009 08:51:18	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39096	No
97	GOM_NL__2PRFIN20090822_085332_000000472081_00465_39096_0139.N1	22-AUG-2009 08:53:32	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39096	No
98	GOM_NL__2PRFIN20090822_090703_000000512081_00465_39096_0140.N1	22-AUG-2009 09:07:03	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	39096	No
99	GOM_NL__2PRFIN20090822_091013_000000432081_00465_39096_0141.N1	22-AUG-2009 09:10:13	Bright	42.500	107	37The Aur	2.6490	11000.	85	39096	No
100	GOM_NL__2PRFIN20090822_091200_000000312081_00465_39096_0142.N1	22-AUG-2009 09:12:00	Twilight	31.000	114	3lot Aur	2.6930	4600.0	62	39096	No
101	GOM_NL__2PRFIN20090822_091332_000000552081_00465_39096_0143.N1	22-AUG-2009 09:13:32	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	39096	No

102	GOM_NL__2PRFIN20090822_091605_000000512081_00465_39096_0144.N1	22-AUG-2009 09:16:05	Twilight	50.500	176	23Zet Tau	3.0200	22000.	101	39096	No
103	GOM_NL__2PRFIN20090822_092015_000000552081_00465_39096_0145.N1	22-AUG-2009 09:20:15	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	39096	No
104	GOM_NL__2PRFIN20090822_092147_000000562081_00465_39096_0146.N1	22-AUG-2009 09:21:47	Dark	55.500	27	24Gam Ori	1.6360	26000.	111	39096	No
105	GOM_NL__2PRFIN20090822_092345_000000572081_00465_39096_0147.N1	22-AUG-2009 09:23:45	Dark	56.500	30	46Eps Ori	1.6940	30000.	113	39096	No
106	GOM_NL__2PRFIN20090822_092514_000000462081_00465_39096_0148.N1	22-AUG-2009 09:25:14	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	39096	No
107	GOM_NL__2PRFIN20090822_092704_000000742081_00465_39096_0149.N1	22-AUG-2009 09:27:04	Dark	74.000	7	19Bet Ori	0.10000	14000.	148	39096	No
108	GOM_NL__2PRFIN20090822_092843_000000492081_00465_39096_0150.N1	22-AUG-2009 09:28:43	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39096	No
109	GOM_NL__2PRFIN20090822_094314_000000532081_00466_39097_0153.N1	22-AUG-2009 09:43:14	Dark	52.500	157	The1Eri	2.9060	9300.0	105	39097	No
110	GOM_NL__2PRFIN20090822_095227_000000522081_00466_39097_0154.N1	22-AUG-2009 09:52:27	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	39097	No
111	GOM_NL__2PRFIN20090822_095922_000000492081_00466_39097_0155.N1	22-AUG-2009 09:59:22	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	39097	No
112	GOM_NL__2PRFIN20090822_100942_000000622081_00466_39097_0156.N1	22-AUG-2009 10:09:42	Bright	62.000	162	34Alp Aqr	2.9440	5350.0	124	39097	No
113	GOM_NL__2PRFIN20090822_101247_000000412081_00466_39097_0157.N1	22-AUG-2009 10:12:47	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	39097	No
114	GOM_NL__2PRFIN20090822_102104_000000502081_00466_39097_0158.N1	22-AUG-2009 10:21:04	Bright	50.000	164	44Eta Peg	2.9480	5400.0	100	39097	No
115	GOM_NL__2PRFIN20090822_103153_000000482081_00466_39097_0159.N1	22-AUG-2009 10:31:53	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39097	No
116	GOM_NL__2PRFIN20090822_103407_000000492081_00466_39097_0160.N1	22-AUG-2009 10:34:07	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	39097	No
117	GOM_NL__2PRFIN20090822_104739_000000572081_00466_39097_0161.N1	22-AUG-2009 10:47:39	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	39097	No
118	GOM_NL__2PRFIN20090822_105049_000000432081_00466_39097_0162.N1	22-AUG-2009 10:50:49	Bright	43.000	107	37The Aur	2.6490	11000.	86	39097	No
119	GOM_NL__2PRFIN20090822_105236_000000312081_00466_39097_0163.N1	22-AUG-2009 10:52:36	Twilight	31.000	114	3Iot Aur	2.6930	4600.0	62	39097	No
120	GOM_NL__2PRFIN20090822_105408_000000532081_00466_39097_0164.N1	22-AUG-2009 10:54:08	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	39097	No
121	GOM_NL__2PRFIN20090822_105641_000000522081_00466_39097_0165.N1	22-AUG-2009 10:56:41	Twilight	51.500	176	23Zet Tau	3.0200	22000.	103	39097	No
122	GOM_NL__2PRFIN20090822_110052_000000542081_00466_39097_0166.N1	22-AUG-2009 11:00:52	Dark	53.500	14	58Alp Ori	0.87000	3000.0	107	39097	No
123	GOM_NL__2PRFIN20090822_110224_000000592081_00466_39097_0167.N1	22-AUG-2009 11:02:24	Dark	58.500	27	24Gam Ori	1.6360	26000.	117	39097	No
124	GOM_NL__2PRFIN20090822_110422_000000552081_00466_39097_0168.N1	22-AUG-2009 11:04:22	Dark	55.000	30	46Eps Ori	1.6940	30000.	110	39097	No
125	GOM_NL__2PRFIN20090822_110550_000000472081_00466_39097_0169.N1	22-AUG-2009 11:05:50	Dark	47.000	125	44Iot Ori	2.7700	30000.	94	39097	No
126	GOM_NL__2PRFIN20090822_110741_000000622081_00466_39097_0170.N1	22-AUG-2009 11:07:41	Dark	62.000	7	19Bet Ori	0.10000	14000.	124	39097	No
127	GOM_NL__2PRFIN20090822_110919_000000482081_00466_39097_0171.N1	22-AUG-2009 11:09:19	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	39097	No
128	GOM_NL__2PRFIN20090822_112351_000000522081_00467_39098_0170.N1	22-AUG-2009 11:23:51	Dark	51.500	157	The1Eri	2.9060	9300.0	103	39098	No
129	GOM_NL__2PRFIN20090822_113304_000000522081_00467_39098_0171.N1	22-AUG-2009 11:33:04	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	39098	No
130	GOM_NL__2PRFIN20090822_113959_000000492081_00467_39098_0172.N1	22-AUG-2009 11:39:59	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	39098	No
131	GOM_NL__2PRFIN20090822_115017_000000452081_00467_39098_0173.N1	22-AUG-2009 11:50:17	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	39098	No
132	GOM_NL__2PRFIN20090822_115323_000000412081_00467_39098_0174.N1	22-AUG-2009 11:53:23	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	39098	No
133	GOM_NL__2PRFIN20090822_120139_000000492081_00467_39098_0175.N1	22-AUG-2009 12:01:39	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	39098	No
134	GOM_NL__2PRFIN20090822_121228_000000472081_00467_39098_0176.N1	22-AUG-2009 12:12:28	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	39098	No
135	GOM_NL__2PRFIN20090822_121442_000000482081_00467_39098_0177.N1	22-AUG-2009 12:14:42	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	39098	No
136	GOM_NL__2PRFIN20090822_122814_000000572081_00467_39098_0178.N1	22-AUG-2009 12:28:14	Bright	56.500	6	13Alp Aur	0.080000	3400.0	113	39098	No
137	GOM_NL__2PRFIN20090822_123125_000000422081_00467_39098_0179.N1	22-AUG-2009 12:31:25	Bright	42.000	107	37The Aur	2.6490	11000.	84	39098	No
138	GOM_NL__2PRFIN20090822_123444_000000562081_00467_39098_0180.N1	22-AUG-2009 12:34:44	Twilight	55.500	28	12Bet Tau	1.6500	15200.	111	39098	No
139	GOM_NL__2PRFIN20090822_123718_000000522081_00467_39098_0181.N1	22-AUG-2009 12:37:18	Twilight	51.500	176	23Zet Tau	3.0200	22000.	103	39098	No
140	GOM_NL__2PRFIN20090822_124128_000000602081_00467_39098_0182.N1	22-AUG-2009 12:41:28	Dark	59.500	14	58Alp Ori	0.87000	3000.0	119	39098	No
141	GOM_NL__2PRFIN20090822_124301_000000582081_00467_39098_0183.N1	22-AUG-2009 12:43:01	Dark	58.000	27	24Gam Ori	1.6360	26000.	116	39098	No
142	GOM_NL__2PRFIN20090822_124458_000000542081_00467_39098_0184.N1	22-AUG-2009 12:44:58	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	39098	No
143	GOM_NL__2PRFIN20090822_124627_000000492081_00467_39098_0185.N1	22-AUG-2009 12:46:27	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	39098	No
144	GOM_NL__2PRFIN20090822_124818_000000612081_00467_39098_0186.N1	22-AUG-2009 12:48:18	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	39098	No
145	GOM_NL__2PRFIN20090822_124956_000000492081_00467_39098_0187.N1	22-AUG-2009 12:49:56	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	39098	No
146	GOM_NL__2PRFIN20090822_130428_000000522081_00468_39099_0184.N1	22-AUG-2009 13:04:28	Dark	52.000	157	The1Eri	2.9060	9300.0	104	39099	No
147	GOM_NL__2PRFIN20090822_131340_000000502081_00468_39099_0185.N1	22-AUG-2009 13:13:40	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	39099	No
148	GOM_NL__2PRFIN20090822_132035_000000502081_00468_39099_0186.N1	22-AUG-2009 13:20:35	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	39099	No
149	GOM_NL__2PRFIN20090822_133053_000000452081_00468_39099_0187.N1	22-AUG-2009 13:30:53	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	39099	No
150	GOM_NL__2PRFIN20090822_133358_000000422081_00468_39099_0188.N1	22-AUG-2009 13:33:58	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	39099	No
151	GOM_NL__2PRFIN20090822_134214_000000482081_00468_39099_0189.N1	22-AUG-2009 13:42:14	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	39099	No
152	GOM_NL__2PRFIN20090822_135304_000000502081_00468_39099_0190.N1	22-AUG-2009 13:53:04	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	39099	No
153	GOM_NL__2PRFIN20090822_135517_000000472081_00468_39099_0191.N1	22-AUG-2009 13:55:17	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39099	No
154	GOM_NL__2PRFIN20090822_140850_000000662081_00468_39099_0192.N1	22-AUG-2009 14:08:50	Bright	66.000	6	13Alp Aur	0.080000	3400.0	132	39099	No
155	GOM_NL__2PRFIN20090822_141201_000000442081_00468_39099_0193.N1	22-AUG-2009 14:12:01	Bright	43.500	107	37The Aur	2.6490	11000.	87	39099	No
156	GOM_NL__2PRFIN20090822_141520_000000572081_00468_39099_0194.N1	22-AUG-2009 14:15:20	Twilight	56.500	28	12Bet Tau	1.6500	15200.	113	39099	No
157	GOM_NL__2PRFIN20090822_141754_000000522081_00468_39099_0195.N1	22-AUG-2009 14:17:54	Twilight	52.000	176	23Zet Tau	3.0200	22000.	104	39099	No
158	GOM_NL__2PRFIN20090822_142205_000000572081_00468_39099_0196.N1	22-AUG-2009 14:22:05	Dark	56.500	14	58Alp Ori	0.87000	3000.0	113	39099	No
159	GOM_NL__2PRFIN20090822_142337_000000582081_00468_39099_0197.N1	22-AUG-2009 14:23:37	Dark	58.000	27	24Gam Ori	1.6360	26000.	116	39099	No
160	GOM_NL__2PRFIN20090822_142535_000000532081_00468_39099_0198.N1	22-AUG-2009 14:25:35	Dark	53.000	30	46Eps Ori	1.6940	30000.	106	39099	No

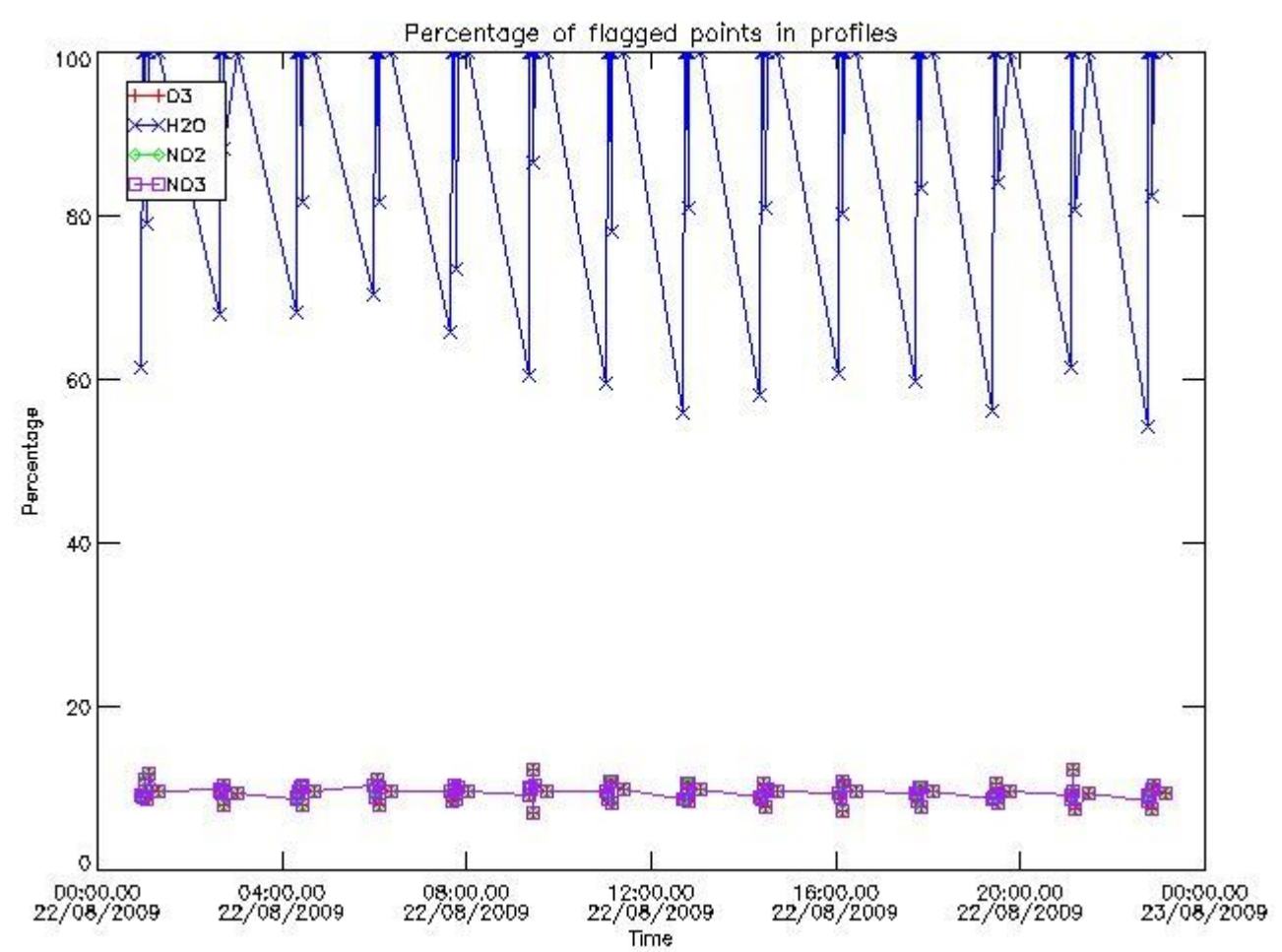
161	GOM_NL__2PRFIN20090822_142704_000000482081_00468_39099_0199.N1	22-AUG-2009 14:27:04	Dark	48.000	125	44lot Ori	2.7700	30000.	96	39099	No
162	GOM_NL__2PRFIN20090822_142855_000000662081_00468_39099_0200.N1	22-AUG-2009 14:28:55	Dark	66.000	7	19Bet Ori	0.10000	14000.	132	39099	No
163	GOM_NL__2PRFIN20090822_143033_000000512081_00468_39099_0201.N1	22-AUG-2009 14:30:33	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	39099	No
164	GOM_NL__2PRFIN20090822_144505_000000542081_00469_39100_0202.N1	22-AUG-2009 14:45:05	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39100	No
165	GOM_NL__2PRFIN20090822_145417_000000522081_00469_39100_0203.N1	22-AUG-2009 14:54:17	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	39100	No
166	GOM_NL__2PRFIN20090822_150111_000000502081_00469_39100_0204.N1	22-AUG-2009 15:01:11	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	39100	No
167	GOM_NL__2PRFIN20090822_151129_000000452081_00469_39100_0205.N1	22-AUG-2009 15:11:29	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	39100	No
168	GOM_NL__2PRFIN20090822_151434_000000422081_00469_39100_0206.N1	22-AUG-2009 15:14:34	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	39100	No
169	GOM_NL__2PRFIN20090822_152249_000000492081_00469_39100_0207.N1	22-AUG-2009 15:22:49	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	39100	No
170	GOM_NL__2PRFIN20090822_153553_000000482081_00469_39100_0208.N1	22-AUG-2009 15:35:53	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	39100	No
171	GOM_NL__2PRFIN20090822_154926_000000542081_00469_39100_0209.N1	22-AUG-2009 15:49:26	Bright	53.500	6	13Alp Aur	0.080000	3400.0	107	39100	No
172	GOM_NL__2PRFIN20090822_155236_000000442081_00469_39100_0210.N1	22-AUG-2009 15:52:36	Bright	43.500	107	37The Aur	2.6490	11000.	87	39100	No
173	GOM_NL__2PRFIN20090822_155556_000000572081_00469_39100_0211.N1	22-AUG-2009 15:55:56	Twilight_and_stray	56.500	28	12Bet Tau	1.6500	15200.	113	39100	No
174	GOM_NL__2PRFIN20090822_155830_000000522081_00469_39100_0212.N1	22-AUG-2009 15:58:30	Twilight_and_stray	51.500	176	23Zet Tau	3.0200	22000.	103	39100	No
175	GOM_NL__2PRFIN20090822_160241_000000542081_00469_39100_0213.N1	22-AUG-2009 16:02:41	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	39100	No
176	GOM_NL__2PRFIN20090822_160414_000000592081_00469_39100_0214.N1	22-AUG-2009 16:04:14	Dark	59.000	27	24Gam Ori	1.6360	26000.	118	39100	No
177	GOM_NL__2PRFIN20090822_160612_000000572081_00469_39100_0215.N1	22-AUG-2009 16:06:12	Dark	56.500	30	46Eps Ori	1.6940	30000.	113	39100	No
178	GOM_NL__2PRFIN20090822_160741_000000472081_00469_39100_0216.N1	22-AUG-2009 16:07:41	Dark	47.000	125	44lot Ori	2.7700	30000.	94	39100	No
179	GOM_NL__2PRFIN20090822_160932_000000722081_00469_39100_0217.N1	22-AUG-2009 16:09:32	Dark	71.500	7	19Bet Ori	0.10000	14000.	143	39100	No
180	GOM_NL__2PRFIN20090822_161110_000000492081_00469_39100_0218.N1	22-AUG-2009 16:11:10	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39100	No
181	GOM_NL__2PRFIN20090822_162543_000000542081_00470_39101_0220.N1	22-AUG-2009 16:25:43	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39101	No
182	GOM_NL__2PRFIN20090822_163454_000000532081_00470_39101_0221.N1	22-AUG-2009 16:34:54	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	39101	No
183	GOM_NL__2PRFIN20090822_164147_000000502081_00470_39101_0222.N1	22-AUG-2009 16:41:47	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	39101	No
184	GOM_NL__2PRFIN20090822_165205_000000452081_00470_39101_0223.N1	22-AUG-2009 16:52:05	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	39101	No
185	GOM_NL__2PRFIN20090822_165510_000000592081_00470_39101_0224.N1	22-AUG-2009 16:55:10	Bright	59.000	61	8Eps Peg	2.1000	3900.0	118	39101	No
186	GOM_NL__2PRFIN20090822_170325_000000492081_00470_39101_0225.N1	22-AUG-2009 17:03:25	Bright	49.000	164	44Eta Peg	2.9480	5400.0	98	39101	No
187	GOM_NL__2PRFIN20090822_171414_000000472081_00470_39101_0226.N1	22-AUG-2009 17:14:14	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	39101	No
188	GOM_NL__2PRFIN20090822_171628_000000492081_00470_39101_0227.N1	22-AUG-2009 17:16:28	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	39101	No
189	GOM_NL__2PRFIN20090822_173002_000000662081_00470_39101_0228.N1	22-AUG-2009 17:30:02	Bright	66.000	6	13Alp Aur	0.080000	3400.0	132	39101	No
190	GOM_NL__2PRFIN20090822_173313_000000442081_00470_39101_0229.N1	22-AUG-2009 17:33:13	Bright	43.500	107	37The Aur	2.6490	11000.	87	39101	No
191	GOM_NL__2PRFIN20090822_173632_000000552081_00470_39101_0230.N1	22-AUG-2009 17:36:32	Twilight_and_stray	54.500	28	12Bet Tau	1.6500	15200.	109	39101	No
192	GOM_NL__2PRFIN20090822_173907_000000522081_00470_39101_0231.N1	22-AUG-2009 17:39:07	Twilight_and_stray	51.500	176	23Zet Tau	3.0200	22000.	103	39101	No
193	GOM_NL__2PRFIN20090822_174318_000000542081_00470_39101_0232.N1	22-AUG-2009 17:43:18	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	39101	No
194	GOM_NL__2PRFIN20090822_174451_000000612081_00470_39101_0233.N1	22-AUG-2009 17:44:51	Dark	61.000	27	24Gam Ori	1.6360	26000.	122	39101	No
195	GOM_NL__2PRFIN20090822_174648_000000552081_00470_39101_0234.N1	22-AUG-2009 17:46:48	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	39101	No
196	GOM_NL__2PRFIN20090822_174817_000000512081_00470_39101_0235.N1	22-AUG-2009 17:48:17	Dark	50.500	125	44lot Ori	2.7700	30000.	101	39101	No
197	GOM_NL__2PRFIN20090822_175009_000000732081_00470_39101_0236.N1	22-AUG-2009 17:50:09	Dark	73.000	7	19Bet Ori	0.10000	14000.	146	39101	No
198	GOM_NL__2PRFIN20090822_175146_000000512081_00470_39101_0237.N1	22-AUG-2009 17:51:46	Dark	50.500	101	11Alp Lep	2.5820	7000.0	101	39101	No
199	GOM_NL__2PRFIN20090822_180620_000000542081_00471_39102_0259.N1	22-AUG-2009 18:06:20	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39102	No
200	GOM_NL__2PRFIN20090822_181530_000000582081_00471_39102_0260.N1	22-AUG-2009 18:15:30	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	39102	No
201	GOM_NL__2PRFIN20090822_182224_000000512081_00471_39102_0261.N1	22-AUG-2009 18:22:24	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	39102	No
202	GOM_NL__2PRFIN20090822_183241_000000442081_00471_39102_0262.N1	22-AUG-2009 18:32:41	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	39102	No
203	GOM_NL__2PRFIN20090822_183546_000000592081_00471_39102_0263.N1	22-AUG-2009 18:35:46	Bright	59.000	61	8Eps Peg	2.1000	3900.0	118	39102	No
204	GOM_NL__2PRFIN20090822_184400_000000492081_00471_39102_0264.N1	22-AUG-2009 18:44:00	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	39102	No
205	GOM_NL__2PRFIN20090822_185449_000000432081_00471_39102_0265.N1	22-AUG-2009 18:54:49	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39102	No
206	GOM_NL__2PRFIN20090822_185703_000000482081_00471_39102_0266.N1	22-AUG-2009 18:57:03	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39102	No
207	GOM_NL__2PRFIN20090822_191038_000000512081_00471_39102_0267.N1	22-AUG-2009 19:10:38	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	39102	No
208	GOM_NL__2PRFIN20090822_191349_000000502081_00471_39102_0268.N1	22-AUG-2009 19:13:49	Bright	49.500	107	37The Aur	2.6490	11000.	99	39102	No
209	GOM_NL__2PRFIN20090822_191708_000000552081_00471_39102_0269.N1	22-AUG-2009 19:17:08	Twilight_and_stray	55.000	28	12Bet Tau	1.6500	15200.	110	39102	No
210	GOM_NL__2PRFIN20090822_191943_000000542081_00471_39102_0270.N1	22-AUG-2009 19:19:43	Twilight_and_stray	54.000	176	23Zet Tau	3.0200	22000.	108	39102	No
211	GOM_NL__2PRFIN20090822_192354_000000592081_00471_39102_0271.N1	22-AUG-2009 19:23:54	Dark	58.500	14	58Alp Ori	0.87000	3000.0	117	39102	No
212	GOM_NL__2PRFIN20090822_192528_000000572081_00471_39102_0272.N1	22-AUG-2009 19:25:28	Dark	57.000	27	24Gam Ori	1.6360	26000.	114	39102	No
213	GOM_NL__2PRFIN20090822_192725_000000542081_00471_39102_0273.N1	22-AUG-2009 19:27:25	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	39102	No
214	GOM_NL__2PRFIN20090822_192854_000000482081_00471_39102_0274.N1	22-AUG-2009 19:28:54	Dark	48.000	125	44lot Ori	2.7700	30000.	96	39102	No
215	GOM_NL__2PRFIN20090822_193046_000000632081_00471_39102_0275.N1	22-AUG-2009 19:30:46	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	39102	No
216	GOM_NL__2PRFIN20090822_194657_000000532081_00472_39103_0277.N1	22-AUG-2009 19:46:57	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39103	No
217	GOM_NL__2PRFIN20090822_195607_000000492081_00472_39103_0278.N1	22-AUG-2009 19:56:07	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39103	No
218	GOM_NL__2PRFIN20090822_200300_000000492081_00472_39103_0279.N1	22-AUG-2009 20:03:00	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	39103	No
219	GOM_NL__2PRFIN20090822_201316_000000602081_00472_39103_0280.N1	22-AUG-2009 20:13:16	Bright	60.000	162	34Alp Aqr	2.9440	5350.0	120	39103	No

220	GOM_NL__2PRFIN20090822_201621_000000432081_00472_39103_0281.N1	22-AUG-2009 20:16:21	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	39103	No
221	GOM_NL__2PRFIN20090822_202435_000000492081_00472_39103_0282.N1	22-AUG-2009 20:24:35	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	39103	No
222	GOM_NL__2PRFIN20090822_203524_000000452081_00472_39103_0283.N1	22-AUG-2009 20:35:24	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39103	No
223	GOM_NL__2PRFIN20090822_203738_000000492081_00472_39103_0284.N1	22-AUG-2009 20:37:38	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	39103	No
224	GOM_NL__2PRFIN20090822_205113_000000662081_00472_39103_0285.N1	22-AUG-2009 20:51:13	Bright	65.500	6	13Alp Aur	0.080000	3400.0	131	39103	No
225	GOM_NL__2PRFIN20090822_205425_000000432081_00472_39103_0286.N1	22-AUG-2009 20:54:25	Bright	43.000	107	37The Aur	2.6490	11000.	86	39103	No
226	GOM_NL__2PRFIN20090822_205745_000000532081_00472_39103_0287.N1	22-AUG-2009 20:57:45	Twilight	53.000	28	12Bet Tau	1.6500	15200.	106	39103	No
227	GOM_NL__2PRFIN20090822_210019_000000492081_00472_39103_0288.N1	22-AUG-2009 21:00:19	Twilight	48.500	176	23Zet Tau	3.0200	22000.	97	39103	No
228	GOM_NL__2PRFIN20090822_210431_000000552081_00472_39103_0289.N1	22-AUG-2009 21:04:31	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	39103	No
229	GOM_NL__2PRFIN20090822_210604_000000602081_00472_39103_0290.N1	22-AUG-2009 21:06:04	Dark	59.500	27	24Gam Ori	1.6360	26000.	119	39103	No
230	GOM_NL__2PRFIN20090822_210802_000000532081_00472_39103_0291.N1	22-AUG-2009 21:08:02	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	39103	No
231	GOM_NL__2PRFIN20090822_210931_000000502081_00472_39103_0292.N1	22-AUG-2009 21:09:31	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	39103	No
232	GOM_NL__2PRFIN20090822_211123_000000682081_00472_39103_0293.N1	22-AUG-2009 21:11:23	Dark	67.500	7	19Bet Ori	0.10000	14000.	135	39103	No
233	GOM_NL__2PRFIN20090822_212734_000000552081_00473_39104_0292.N1	22-AUG-2009 21:27:34	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39104	No
234	GOM_NL__2PRFIN20090822_213644_000000582081_00473_39104_0293.N1	22-AUG-2009 21:36:44	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	39104	No
235	GOM_NL__2PRFIN20090822_214336_000000492081_00473_39104_0294.N1	22-AUG-2009 21:43:36	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	39104	No
236	GOM_NL__2PRFIN20090822_215352_000000442081_00473_39104_0295.N1	22-AUG-2009 21:53:52	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	39104	No
237	GOM_NL__2PRFIN20090822_215657_000000432081_00473_39104_0296.N1	22-AUG-2009 21:56:57	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	39104	No
238	GOM_NL__2PRFIN20090822_220510_000000472081_00473_39104_0297.N1	22-AUG-2009 22:05:10	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	39104	No
239	GOM_NL__2PRFIN20090822_221600_000000462081_00473_39104_0298.N1	22-AUG-2009 22:16:00	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	39104	No
240	GOM_NL__2PRFIN20090822_221813_000000462081_00473_39104_0299.N1	22-AUG-2009 22:18:13	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39104	No
241	GOM_NL__2PRFIN20090822_223149_000000502081_00473_39104_0300.N1	22-AUG-2009 22:31:49	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	39104	No
242	GOM_NL__2PRFIN20090822_223501_000000452081_00473_39104_0301.N1	22-AUG-2009 22:35:01	Bright	45.000	107	37The Aur	2.6490	11000.	90	39104	No
243	GOM_NL__2PRFIN20090822_223821_000000612081_00473_39104_0302.N1	22-AUG-2009 22:38:21	Twilight	61.000	28	12Bet Tau	1.6500	15200.	122	39104	No
244	GOM_NL__2PRFIN20090822_224056_000000522081_00473_39104_0303.N1	22-AUG-2009 22:40:56	Twilight	52.000	176	23Zet Tau	3.0200	22000.	104	39104	No
245	GOM_NL__2PRFIN20090822_224507_000000612081_00473_39104_0304.N1	22-AUG-2009 22:45:07	Dark	60.500	14	58Alp Ori	0.87000	3000.0	121	39104	No
246	GOM_NL__2PRFIN20090822_224641_000000612081_00473_39104_0305.N1	22-AUG-2009 22:46:41	Dark	61.000	27	24Gam Ori	1.6360	26000.	122	39104	No
247	GOM_NL__2PRFIN20090822_224838_000000572081_00473_39104_0306.N1	22-AUG-2009 22:48:38	Dark	56.500	30	46Eps Ori	1.6940	30000.	113	39104	No
248	GOM_NL__2PRFIN20090822_225007_000000512081_00473_39104_0307.N1	22-AUG-2009 22:50:07	Dark	51.000	125	44Iot Ori	2.7700	30000.	102	39104	No
249	GOM_NL__2PRFIN20090822_225200_000000752081_00473_39104_0308.N1	22-AUG-2009 22:52:00	Dark	74.500	7	19Bet Ori	0.10000	14000.	149	39104	No
250	GOM_NL__2PRFIN20090822_225437_000000502081_00473_39104_0309.N1	22-AUG-2009 22:54:37	Dark	49.500	139	9Bet Lep	2.8330	5600.0	99	39104	No
251	GOM_NL__2PRFIN20090822_230811_000000542081_00474_39105_0307.N1	22-AUG-2009 23:08:11	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39105	No
252	GOM_NL__2PRFIN20090822_231720_000000602081_00474_39105_0308.N1	22-AUG-2009 23:17:20	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	39105	No
253	GOM_NL__2PRFIN20090822_232413_000000512081_00474_39105_0309.N1	22-AUG-2009 23:24:13	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	39105	No
254	GOM_NL__2PRFIN20090822_233428_000000422081_00474_39105_0310.N1	22-AUG-2009 23:34:28	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	39105	No
255	GOM_NL__2PRFIN20090822_233733_000000592081_00474_39105_0311.N1	22-AUG-2009 23:37:33	Bright	59.000	61	8Eps Peg	2.1000	3900.0	118	39105	No
256	GOM_NL__2PRFIN20090822_234545_000000482081_00474_39105_0312.N1	22-AUG-2009 23:45:45	Bright	47.500	164	44Eta Peg	2.9480	5400.0	95	39105	No
257	GOM_NL__2PRFIN20090822_235635_000000452081_00474_39105_0313.N1	22-AUG-2009 23:56:35	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39105	No
258	GOM_NL__2PRFIN20090822_235849_000000452081_00474_39105_0314.N1	22-AUG-2009 23:58:49	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39105	No

3. Quality information per product

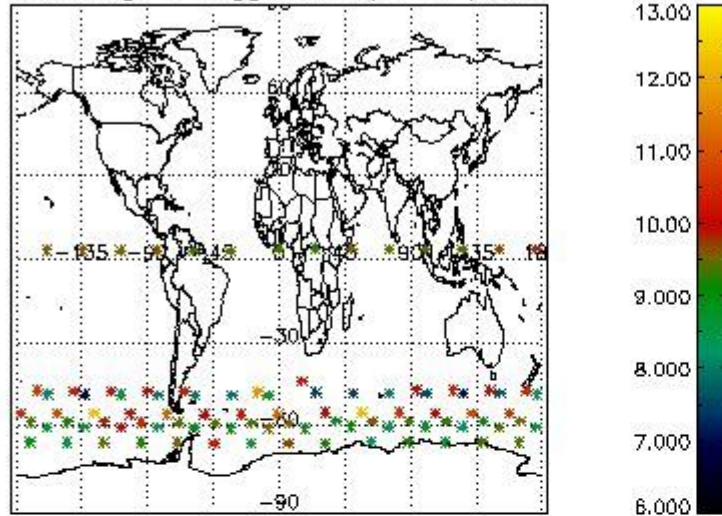
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

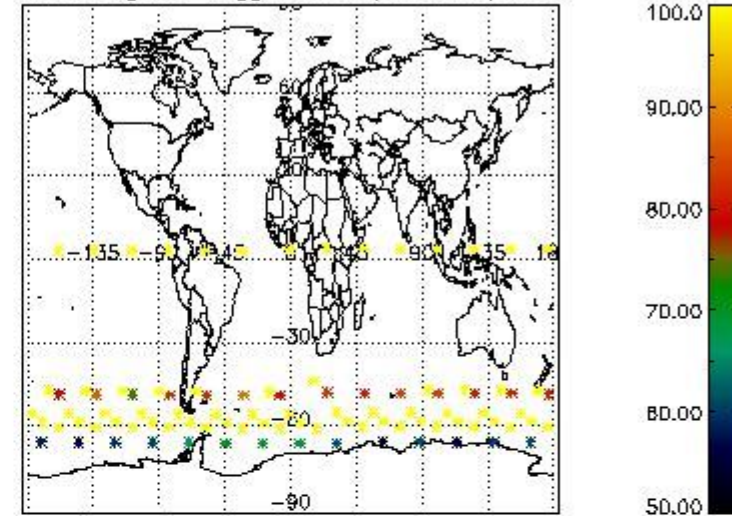


3.2 Plot quality information per product (world map)

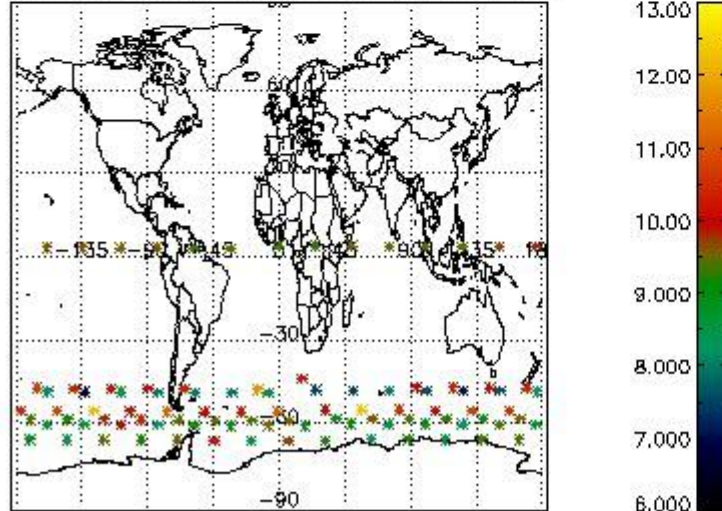
Percentage of flagged data per O3 profile



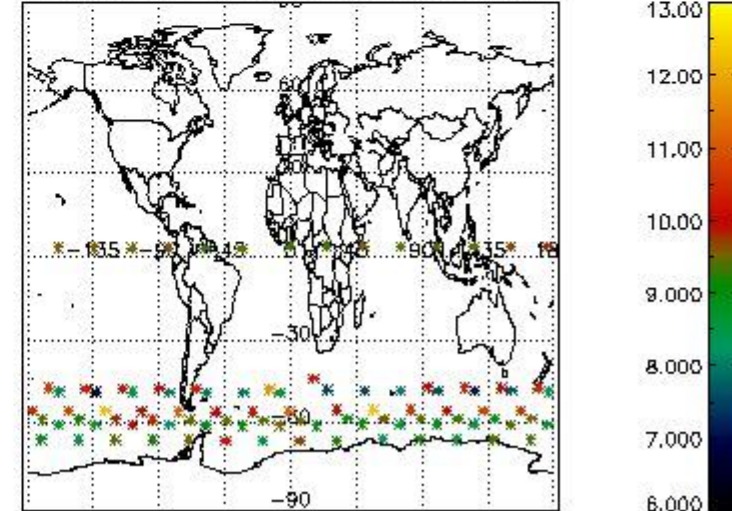
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

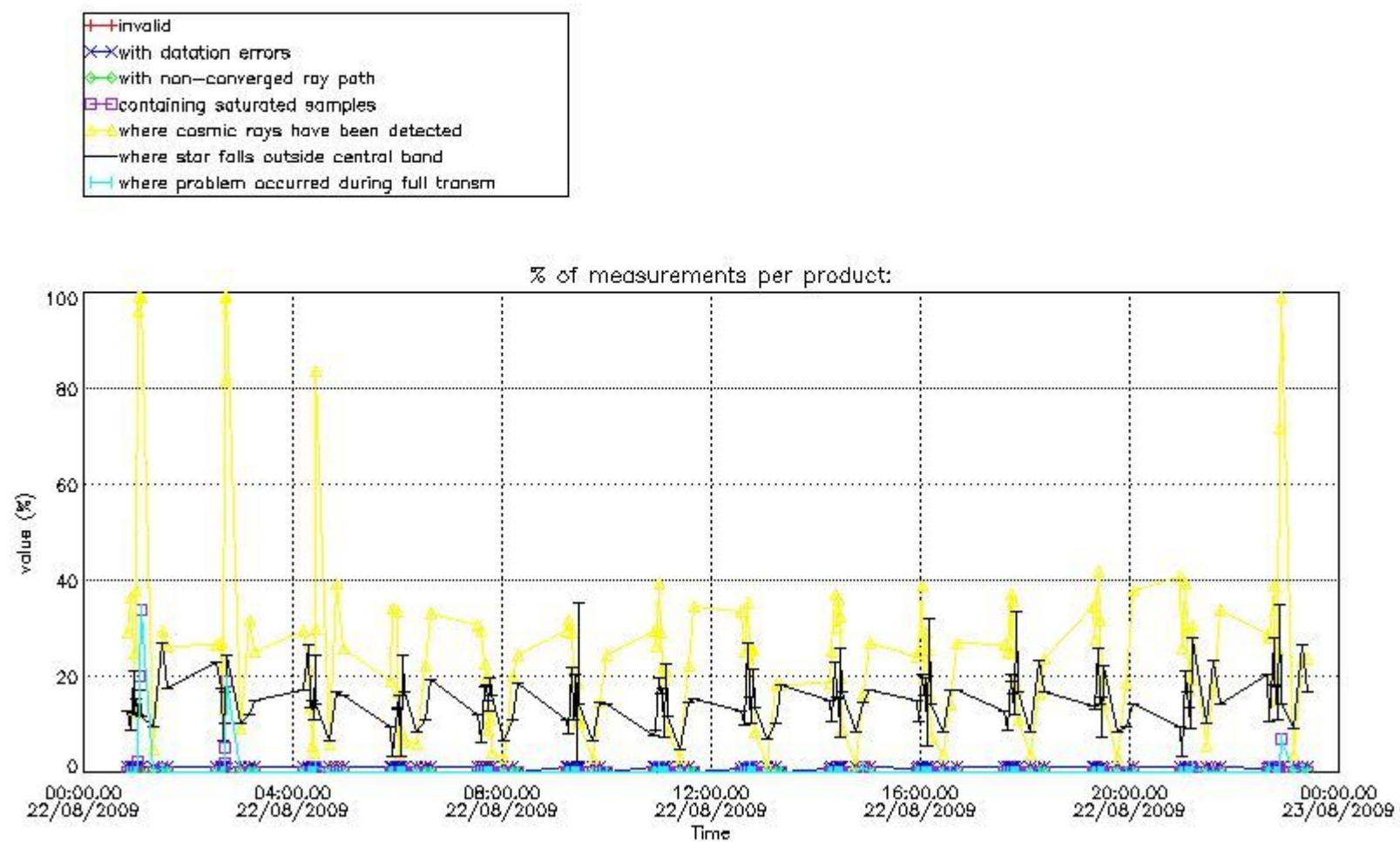


4. Level 1 quality information per product

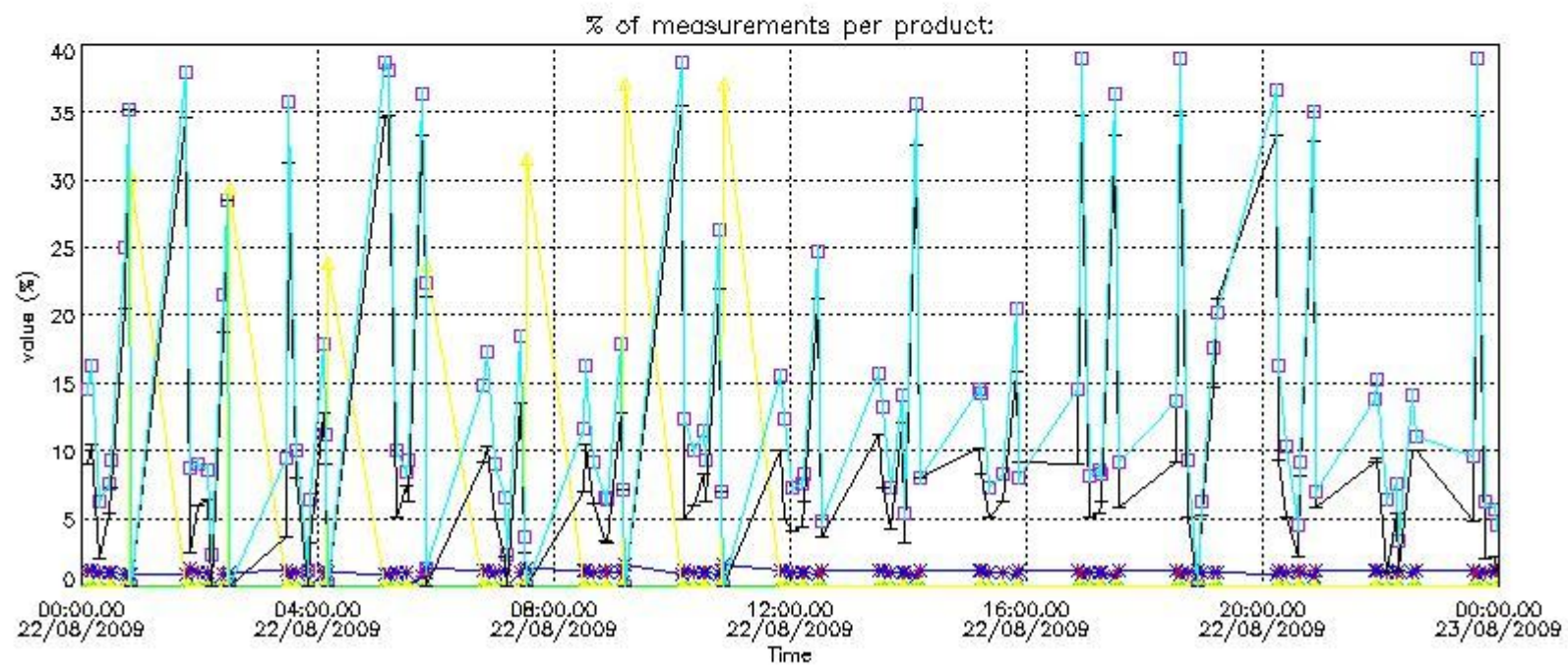
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



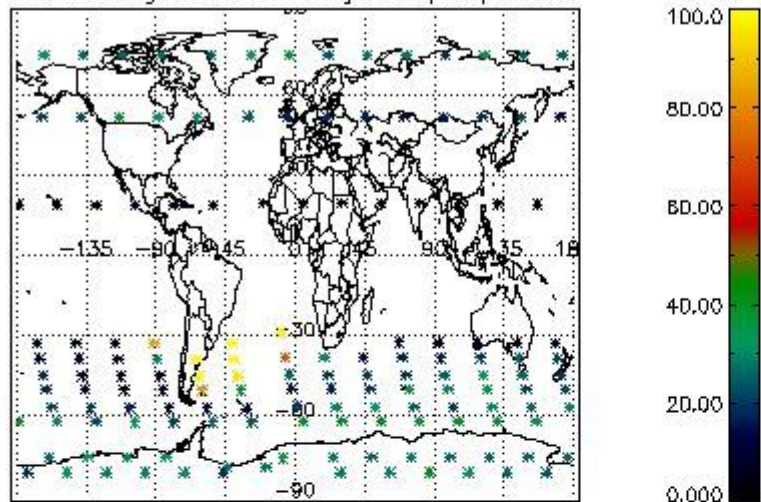
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



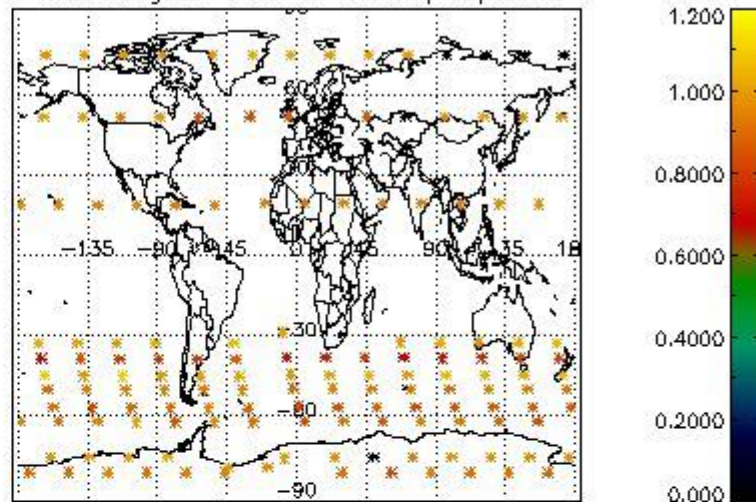
4.2 Plot quality information per product coming from level 1b processing (world map)

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

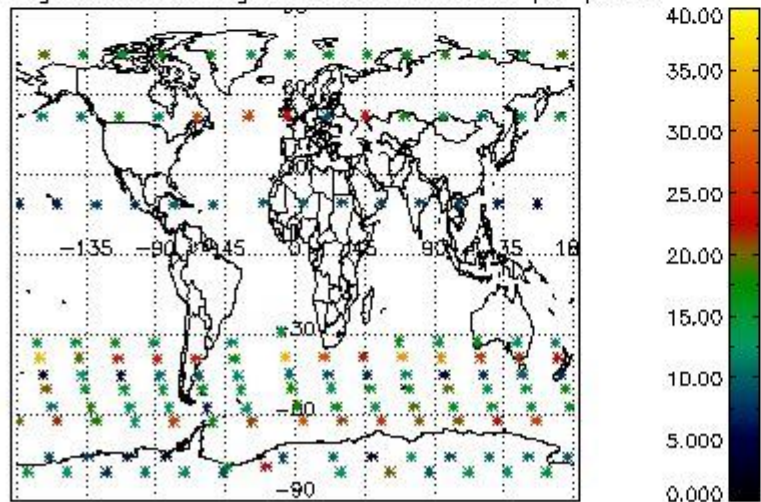
Percentage of cosmic ray hits per profile



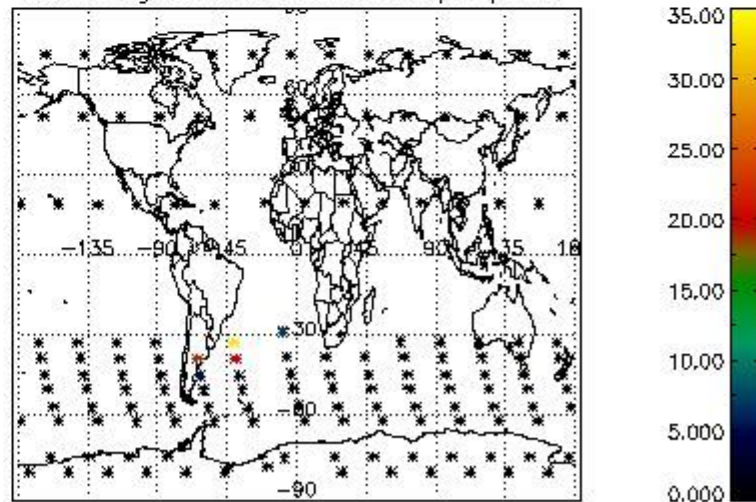
Percentage of datation errors per profile



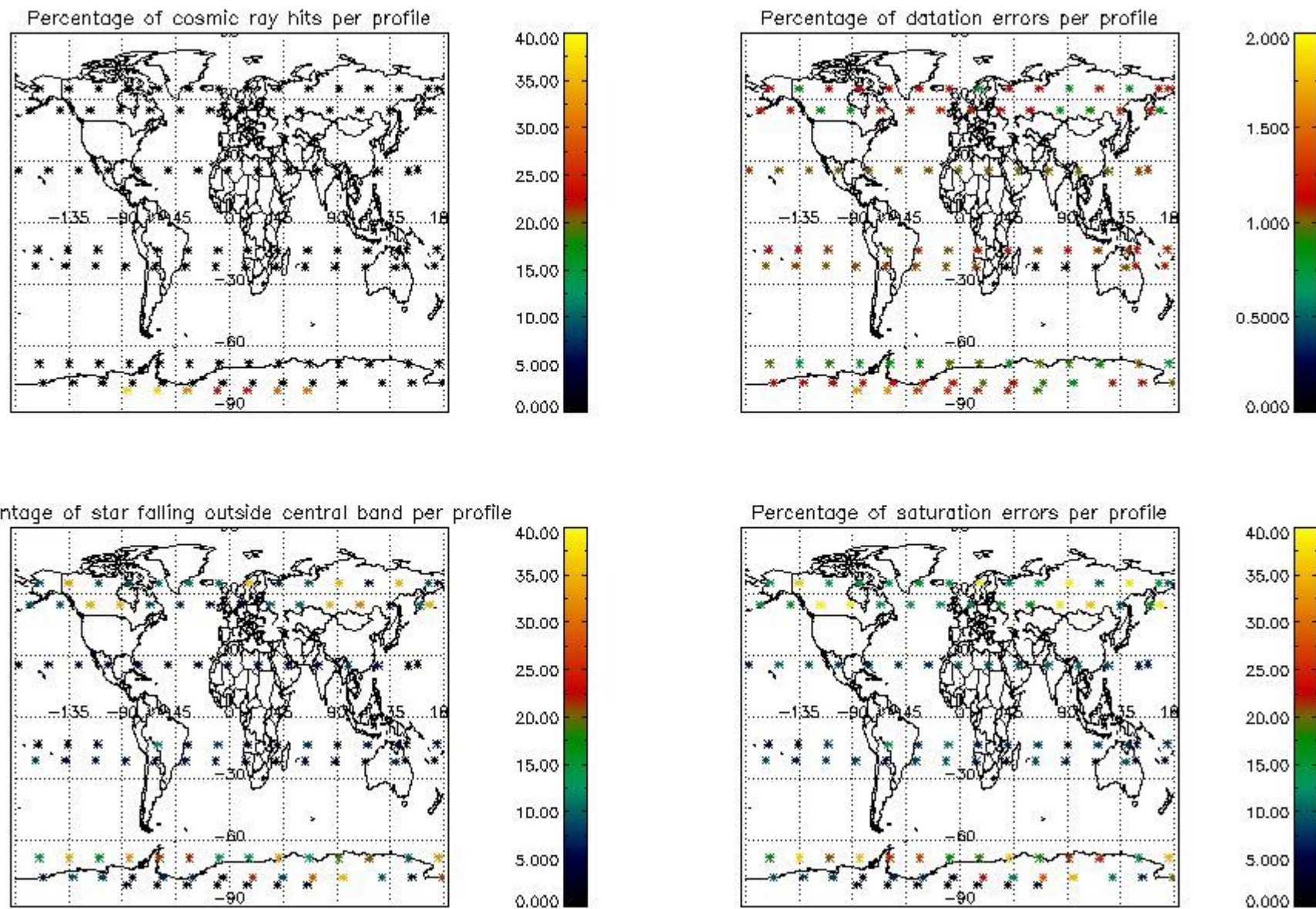
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

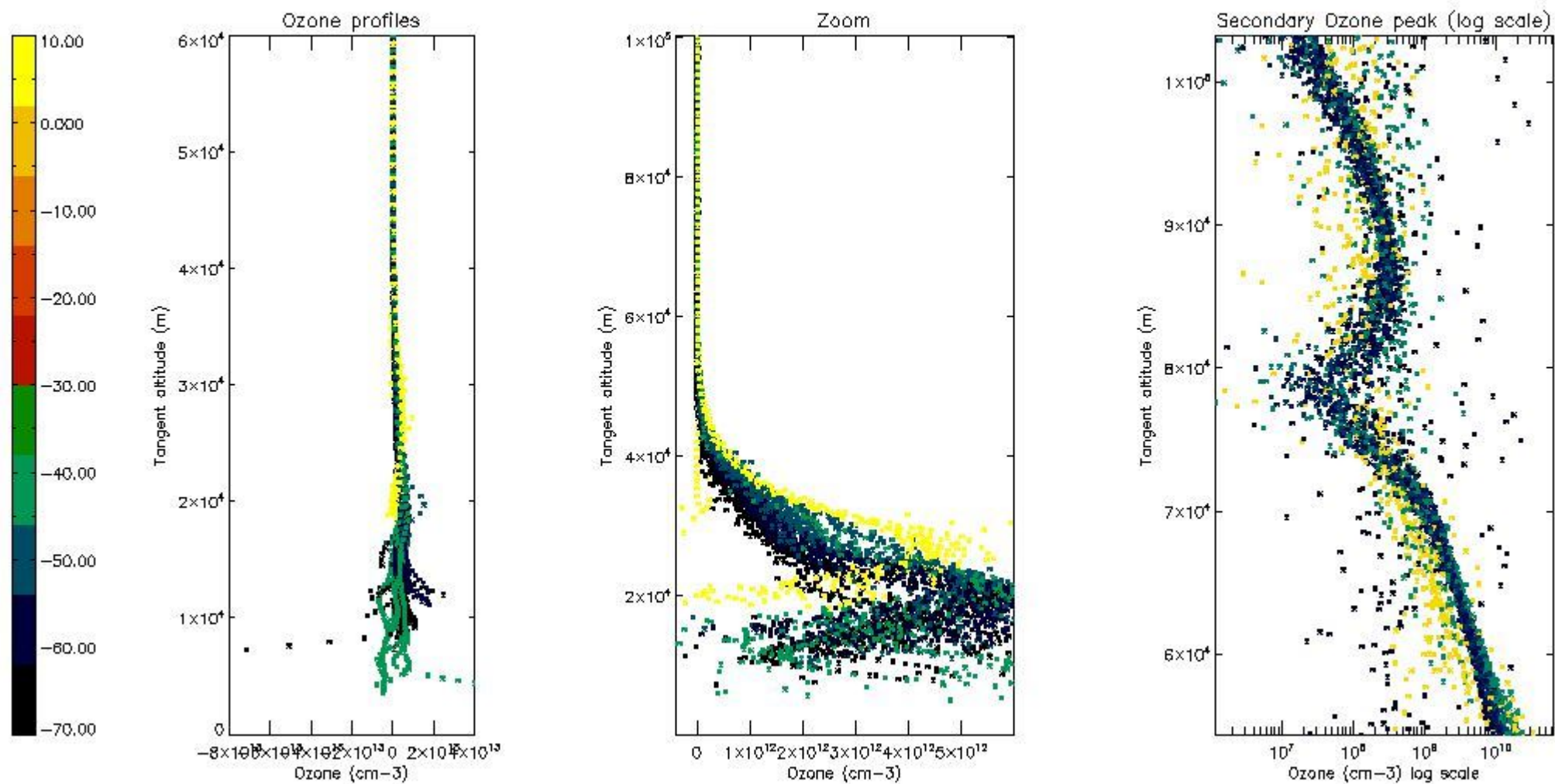
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	40
STD < 20	23

STD < 10	18
STD < 5	12

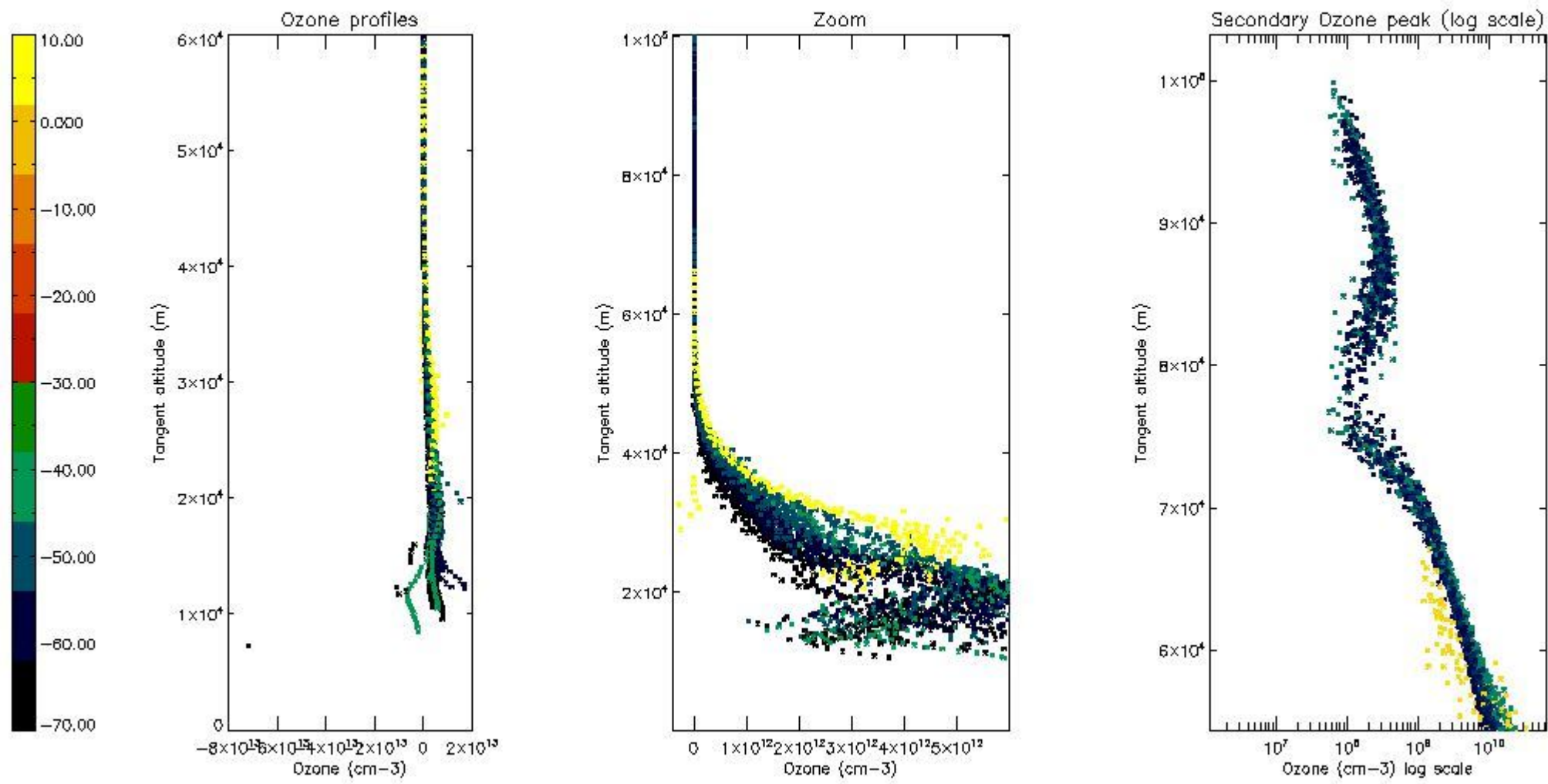
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



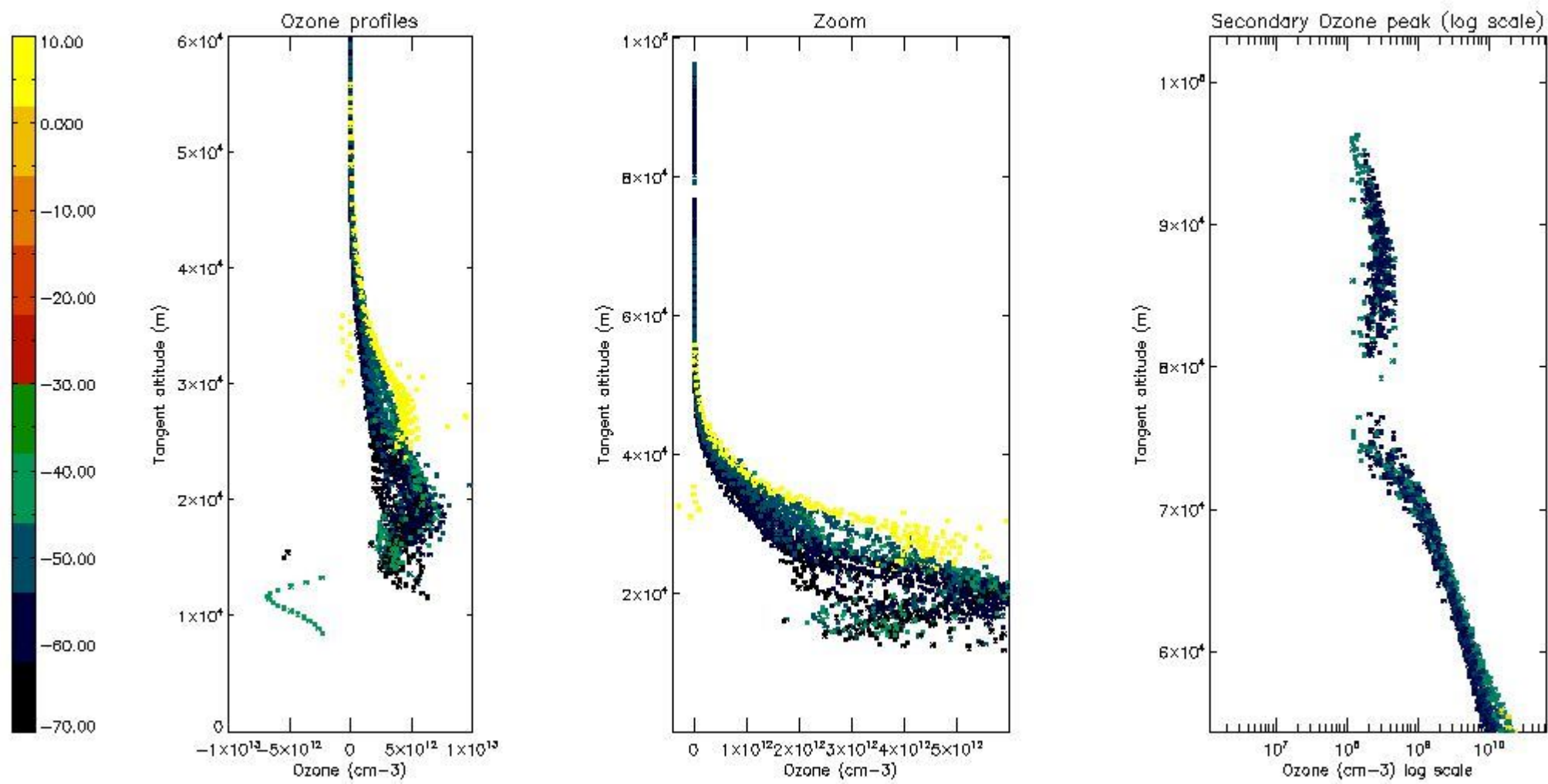
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



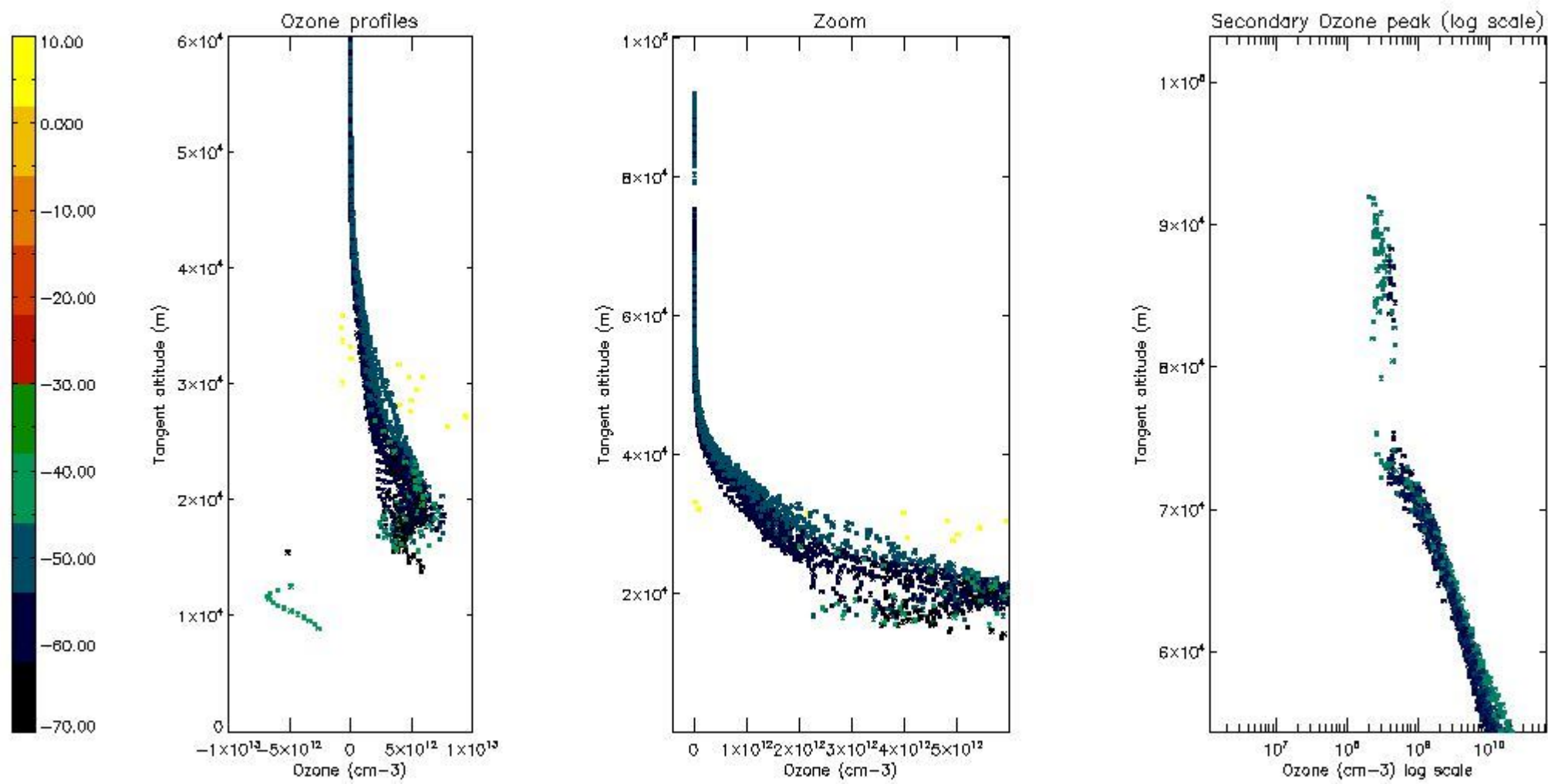
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



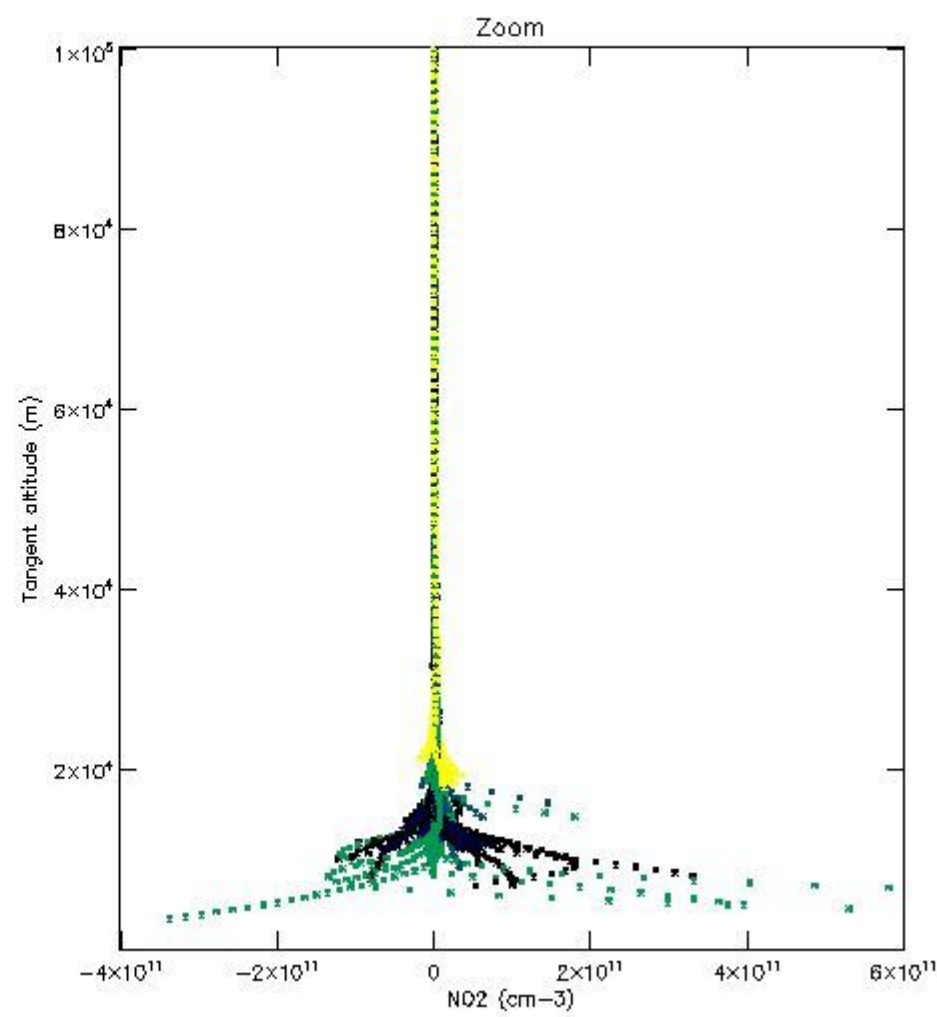
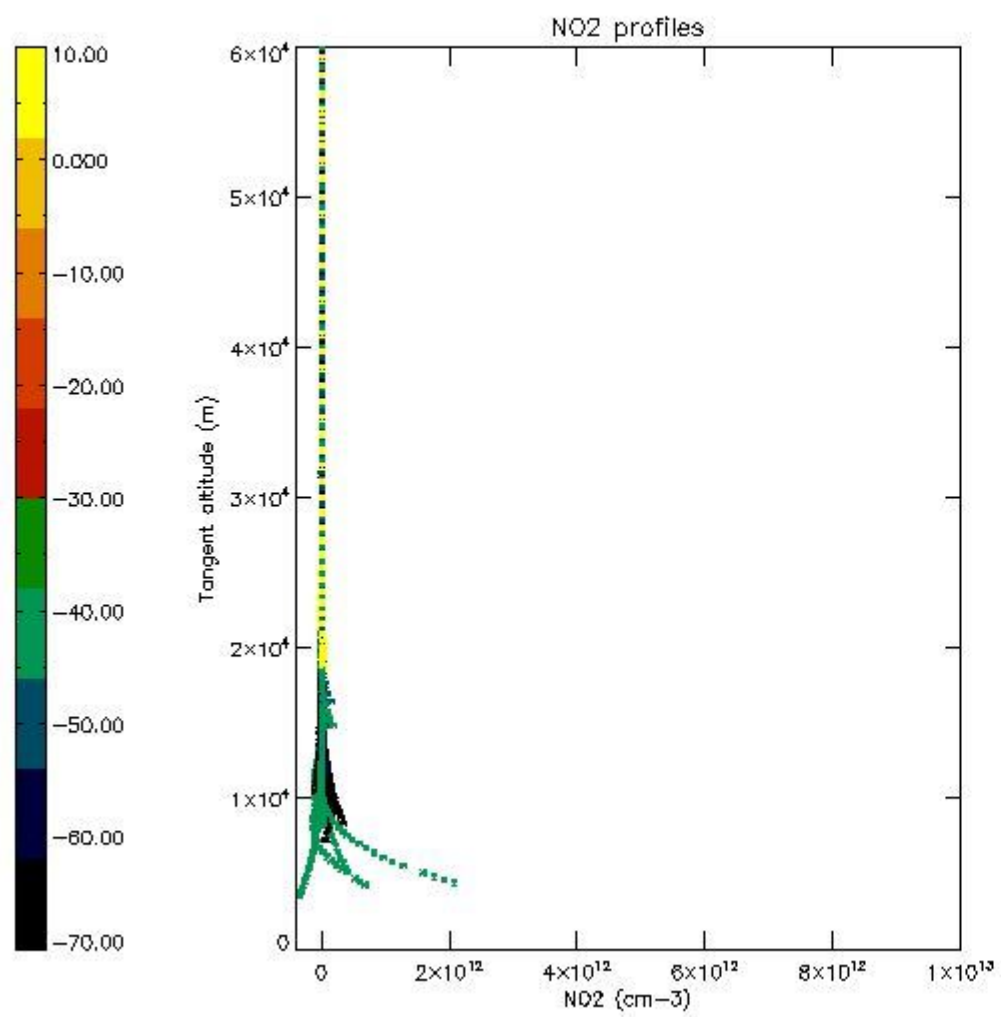
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



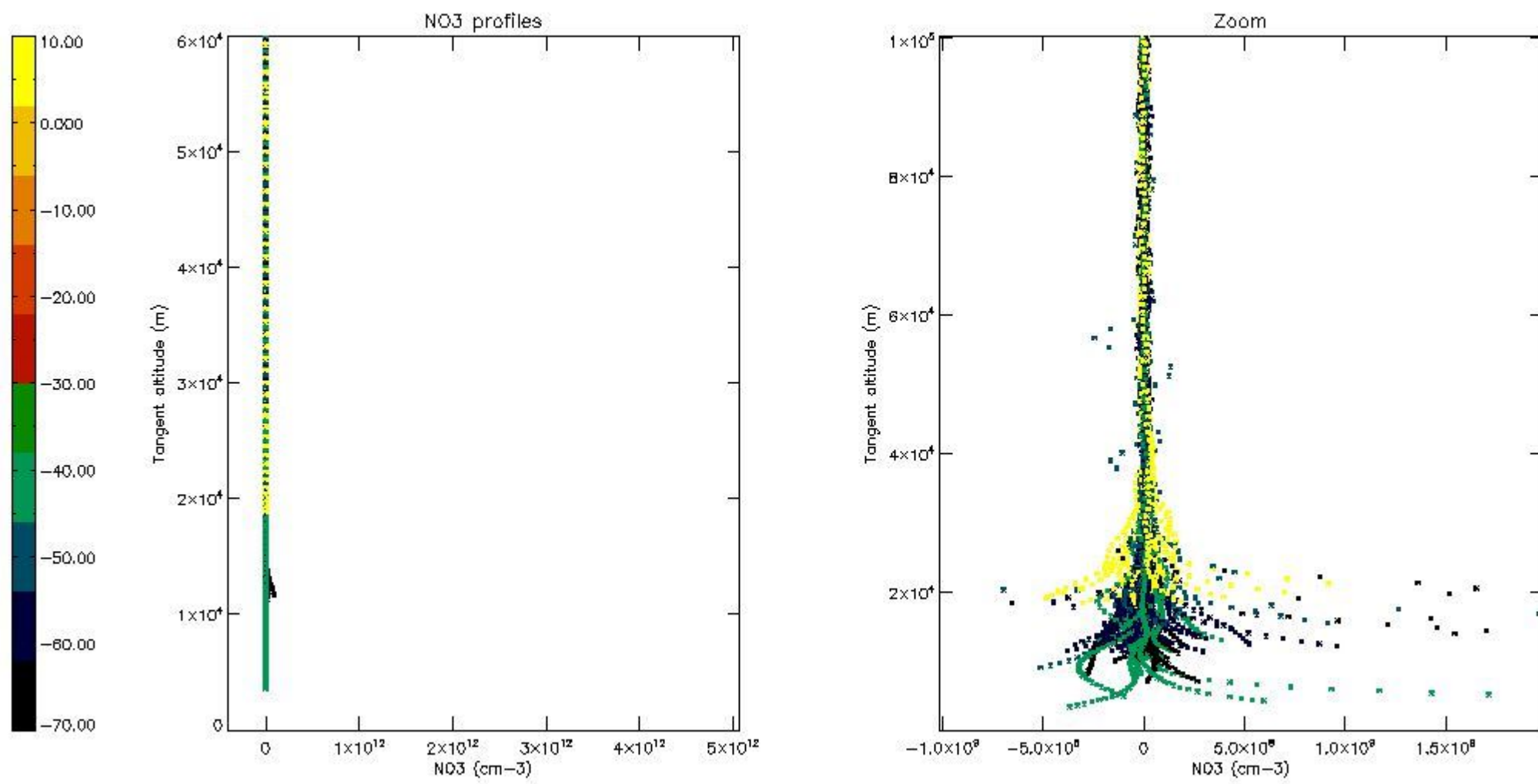
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



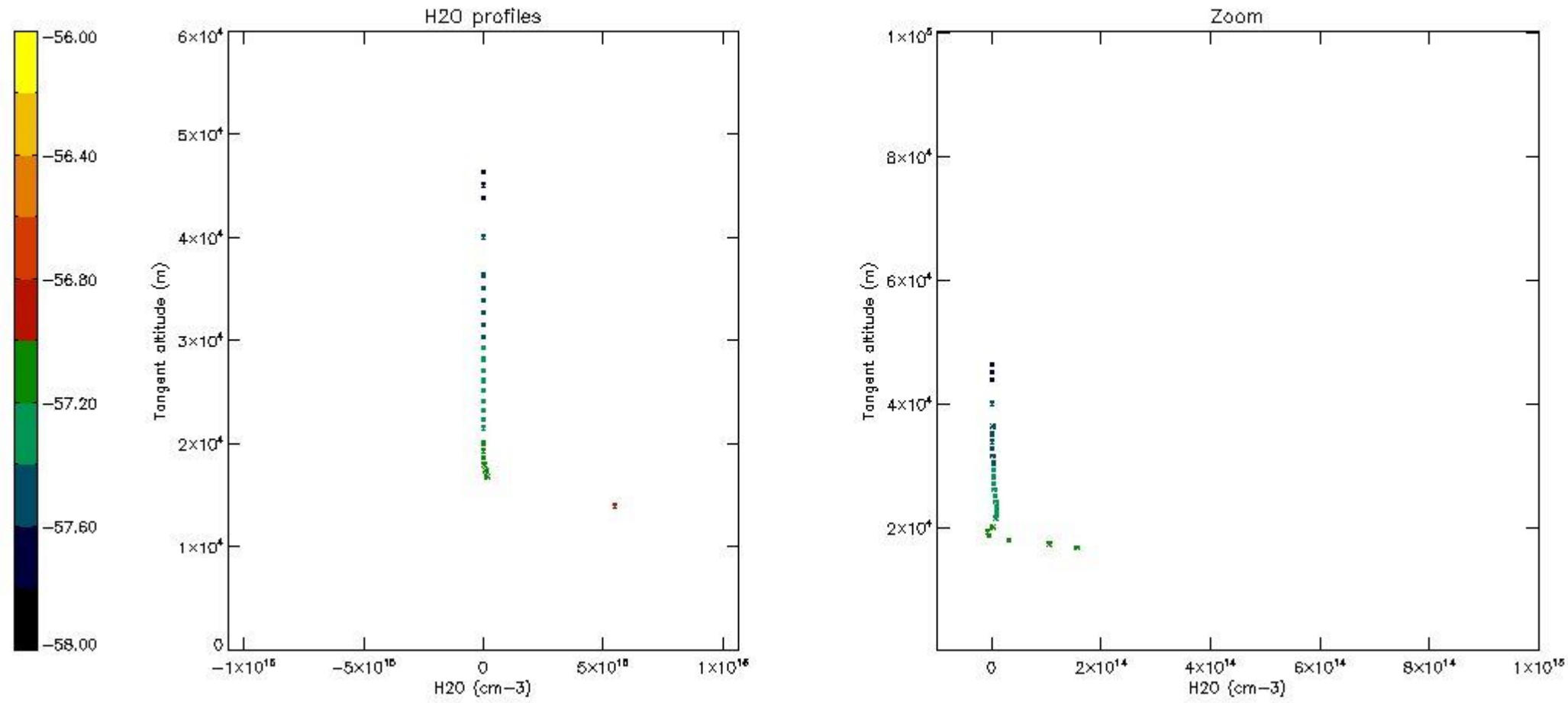
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-AUG-2009 00:06:07
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-AUG-2009 00:06:07
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-AUG-2009 00:06:07

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	26APR2013 12:04:12
Data source version	GOMOS/6.01
Start time of products	22-08-2009 (22AUG2009 00:00:00)
Stop time of products	23-08-2009 (23AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	258
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__2PRFIN20090822_000607_000000452081_00460_39091_0034.N1	22-AUG-2009 00:06:07	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	39091	No
2	GOM_NL__2PRFIN20090822_000913_000000432081_00460_39091_0035.N1	22-AUG-2009 00:09:13	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	39091	No
3	GOM_NL__2PRFIN20090822_001733_000000482081_00460_39091_0036.N1	22-AUG-2009 00:17:33	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	39091	No
4	GOM_NL__2PRFIN20090822_002822_000000472081_00460_39091_0037.N1	22-AUG-2009 00:28:22	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	39091	No
5	GOM_NL__2PRFIN20090822_003036_000000492081_00460_39091_0038.N1	22-AUG-2009 00:30:36	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	39091	No
6	GOM_NL__2PRFIN20090822_004404_000000562081_00460_39091_0039.N1	22-AUG-2009 00:44:04	Bright	56.000	6	13Alp Aur	0.080000	3400.0	112	39091	No
7	GOM_NL__2PRFIN20090822_004713_000000612081_00460_39091_0040.N1	22-AUG-2009 00:47:13	Bright	61.000	107	37The Aur	2.6490	11000.	122	39091	No
8	GOM_NL__2PRFIN20090822_004900_000000532081_00460_39091_0041.N1	22-AUG-2009 00:49:00	Twilight	53.000	114	3lot Aur	2.6930	4600.0	106	39091	No
9	GOM_NL__2PRFIN20090822_005031_000000552081_00460_39091_0042.N1	22-AUG-2009 00:50:31	Twilight	55.000	28	12Bet Tau	1.6500	15200.	110	39091	No
10	GOM_NL__2PRFIN20090822_005304_000000512081_00460_39091_0043.N1	22-AUG-2009 00:53:04	Twilight	51.000	176	23Zet Tau	3.0200	22000.	102	39091	No
11	GOM_NL__2PRFIN20090822_005713_000000552081_00460_39091_0044.N1	22-AUG-2009 00:57:13	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	39091	No
12	GOM_NL__2PRFIN20090822_005844_000000572081_00460_39091_0045.N1	22-AUG-2009 00:58:44	Dark	56.500	27	24Gam Ori	1.6360	26000.	113	39091	No
13	GOM_NL__2PRFIN20090822_010041_000000532081_00460_39091_0046.N1	22-AUG-2009 01:00:41	Dark	53.000	30	46Eps Ori	1.6940	30000.	106	39091	No
14	GOM_NL__2PRFIN20090822_010210_000000502081_00460_39091_0047.N1	22-AUG-2009 01:02:10	Dark	50.000	125	44lot Ori	2.7700	30000.	100	39091	No
15	GOM_NL__2PRFIN20090822_010359_000000582081_00460_39091_0048.N1	22-AUG-2009 01:03:59	Dark	58.000	7	19Bet Ori	0.10000	14000.	116	39091	No
16	GOM_NL__2PRFIN20090822_010539_000000482081_00460_39091_0049.N1	22-AUG-2009 01:05:39	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	39091	No
17	GOM_NL__2PRFIN20090822_012008_000000542081_00461_39092_0068.N1	22-AUG-2009 01:20:08	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39092	No
18	GOM_NL__2PRFIN20090822_012924_000000612081_00461_39092_0069.N1	22-AUG-2009 01:29:24	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	39092	No
19	GOM_NL__2PRFIN20090822_013621_000000522081_00461_39092_0070.N1	22-AUG-2009 01:36:21	Twilight	51.500	18	24Alp PsA	1.1660	9700.0	103	39092	No
20	GOM_NL__2PRFIN20090822_014643_000000622081_00461_39092_0071.N1	22-AUG-2009 01:46:43	Bright	62.000	162	34Alp Aqr	2.9440	5350.0	124	39092	No
21	GOM_NL__2PRFIN20090822_014948_000000402081_00461_39092_0072.N1	22-AUG-2009 01:49:48	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	39092	No
22	GOM_NL__2PRFIN20090822_015808_000000502081_00461_39092_0073.N1	22-AUG-2009 01:58:08	Bright	50.000	164	44Eta Peg	2.9480	5400.0	100	39092	No
23	GOM_NL__2PRFIN20090822_020857_000000472081_00461_39092_0074.N1	22-AUG-2009 02:08:57	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	39092	No
24	GOM_NL__2PRFIN20090822_021111_000000442081_00461_39092_0075.N1	22-AUG-2009 02:11:11	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39092	No
25	GOM_NL__2PRFIN20090822_022440_000000542081_00461_39092_0076.N1	22-AUG-2009 02:24:40	Bright	53.500	6	13Alp Aur	0.080000	3400.0	107	39092	No
26	GOM_NL__2PRFIN20090822_022749_000000552081_00461_39092_0077.N1	22-AUG-2009 02:27:49	Bright	54.500	107	37The Aur	2.6490	11000.	109	39092	No
27	GOM_NL__2PRFIN20090822_022935_000000462081_00461_39092_0078.N1	22-AUG-2009 02:29:35	Twilight	46.000	114	3lot Aur	2.6930	4600.0	92	39092	No
28	GOM_NL__2PRFIN20090822_023222_000000532081_00461_39092_0079.N1	22-AUG-2009 02:32:22	Twilight	52.500	151	13Mu Gem	2.8900	3000.0	105	39092	No
29	GOM_NL__2PRFIN20090822_023749_000000522081_00461_39092_0080.N1	22-AUG-2009 02:37:49	Dark	52.000	14	58Alp Ori	0.87000	3000.0	104	39092	No
30	GOM_NL__2PRFIN20090822_023921_000000532081_00461_39092_0081.N1	22-AUG-2009 02:39:21	Dark	53.000	27	24Gam Ori	1.6360	26000.	106	39092	No
31	GOM_NL__2PRFIN20090822_024118_000000542081_00461_39092_0082.N1	22-AUG-2009 02:41:18	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	39092	No
32	GOM_NL__2PRFIN20090822_024246_000000502081_00461_39092_0083.N1	22-AUG-2009 02:42:46	Dark	49.500	125	44lot Ori	2.7700	30000.	99	39092	No
33	GOM_NL__2PRFIN20090822_024436_000000642081_00461_39092_0084.N1	22-AUG-2009 02:44:36	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	39092	No
34	GOM_NL__2PRFIN20090822_030045_000000542081_00462_39093_0086.N1	22-AUG-2009 03:00:45	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39093	No
35	GOM_NL__2PRFIN20090822_031000_000000512081_00462_39093_0087.N1	22-AUG-2009 03:10:00	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39093	No
36	GOM_NL__2PRFIN20090822_031657_000000502081_00462_39093_0088.N1	22-AUG-2009 03:16:57	Twilight	50.000	18	24Alp PsA	1.1660	9700.0	100	39093	No
37	GOM_NL__2PRFIN20090822_032719_000000422081_00462_39093_0089.N1	22-AUG-2009 03:27:19	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	39093	No
38	GOM_NL__2PRFIN20090822_033024_000000562081_00462_39093_0090.N1	22-AUG-2009 03:30:24	Bright	56.000	61	8Eps Peg	2.1000	3900.0	112	39093	No
39	GOM_NL__2PRFIN20090822_033844_000000502081_00462_39093_0091.N1	22-AUG-2009 03:38:44	Bright	50.000	164	44Eta Peg	2.9480	5400.0	100	39093	No
40	GOM_NL__2PRFIN20090822_034932_000000432081_00462_39093_0092.N1	22-AUG-2009 03:49:32	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39093	No
41	GOM_NL__2PRFIN20090822_035146_000000472081_00462_39093_0093.N1	22-AUG-2009 03:51:46	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39093	No
42	GOM_NL__2PRFIN20090822_040516_000000512081_00462_39093_0094.N1	22-AUG-2009 04:05:16	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	39093	No

43	GOM_NL__2PRFIN20090822_040825_000000452081_00462_39093_0095.N1	22-AUG-2009 04:08:25	Bright	44.500	107	37The Aur	2.6490	11000.	89	39093	No
44	GOM_NL__2PRFIN20090822_041012_000000462081_00462_39093_0096.N1	22-AUG-2009 04:10:12	Twilight	46.000	114	3Iot Aur	2.6930	4600.0	92	39093	No
45	GOM_NL__2PRFIN20090822_041258_000000502081_00462_39093_0097.N1	22-AUG-2009 04:12:58	Twilight	49.500	151	13Mu Gem	2.8900	3000.0	99	39093	No
46	GOM_NL__2PRFIN20090822_041826_000000592081_00462_39093_0098.N1	22-AUG-2009 04:18:26	Dark	58.500	14	58Alp Ori	0.87000	3000.0	117	39093	No
47	GOM_NL__2PRFIN20090822_041957_000000572081_00462_39093_0099.N1	22-AUG-2009 04:19:57	Dark	56.500	27	24Gam Ori	1.6360	26000.	113	39093	No
48	GOM_NL__2PRFIN20090822_042155_000000542081_00462_39093_0100.N1	22-AUG-2009 04:21:55	Dark	53.500	30	46Eps Ori	1.6940	30000.	107	39093	No
49	GOM_NL__2PRFIN20090822_042323_000000512081_00462_39093_0101.N1	22-AUG-2009 04:23:23	Dark	50.500	125	44Iot Ori	2.7700	30000.	101	39093	No
50	GOM_NL__2PRFIN20090822_042513_000000642081_00462_39093_0102.N1	22-AUG-2009 04:25:13	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	39093	No
51	GOM_NL__2PRFIN20090822_042652_000000492081_00462_39093_0103.N1	22-AUG-2009 04:26:52	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39093	No
52	GOM_NL__2PRFIN20090822_044123_000000532081_00463_39094_0100.N1	22-AUG-2009 04:41:23	Dark	52.500	157	The1Eri	2.9060	9300.0	105	39094	No
53	GOM_NL__2PRFIN20090822_045037_000000542081_00463_39094_0101.N1	22-AUG-2009 04:50:37	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	39094	No
54	GOM_NL__2PRFIN20090822_045734_000000512081_00463_39094_0102.N1	22-AUG-2009 04:57:34	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	39094	No
55	GOM_NL__2PRFIN20090822_050754_000000622081_00463_39094_0103.N1	22-AUG-2009 05:07:54	Bright	62.000	162	34Alp Aqr	2.9440	5350.0	124	39094	No
56	GOM_NL__2PRFIN20090822_051100_000000592081_00463_39094_0104.N1	22-AUG-2009 05:11:00	Bright	59.000	61	8Eps Peg	2.1000	3900.0	118	39094	No
57	GOM_NL__2PRFIN20090822_051919_000000502081_00463_39094_0105.N1	22-AUG-2009 05:19:19	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	39094	No
58	GOM_NL__2PRFIN20090822_053008_000000482081_00463_39094_0106.N1	22-AUG-2009 05:30:08	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	39094	No
59	GOM_NL__2PRFIN20090822_053222_000000482081_00463_39094_0107.N1	22-AUG-2009 05:32:22	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	39094	No
60	GOM_NL__2PRFIN20090822_054552_000000662081_00463_39094_0108.N1	22-AUG-2009 05:45:52	Bright	66.000	6	13Alp Aur	0.080000	3400.0	132	39094	No
61	GOM_NL__2PRFIN20090822_054901_000000522081_00463_39094_0109.N1	22-AUG-2009 05:49:01	Bright	51.500	107	37The Aur	2.6490	11000.	103	39094	No
62	GOM_NL__2PRFIN20090822_055048_000000382081_00463_39094_0110.N1	22-AUG-2009 05:50:48	Twilight	38.000	114	3Iot Aur	2.6930	4600.0	76	39094	No
63	GOM_NL__2PRFIN20090822_055219_000000532081_00463_39094_0111.N1	22-AUG-2009 05:52:19	Twilight	53.000	28	12Bet Tau	1.6500	15200.	106	39094	No
64	GOM_NL__2PRFIN20090822_055453_000000492081_00463_39094_0112.N1	22-AUG-2009 05:54:53	Twilight	48.500	176	23Zet Tau	3.0200	22000.	97	39094	No
65	GOM_NL__2PRFIN20090822_055903_000000502081_00463_39094_0113.N1	22-AUG-2009 05:59:03	Dark	49.500	14	58Alp Ori	0.87000	3000.0	99	39094	No
66	GOM_NL__2PRFIN20090822_060034_000000572081_00463_39094_0114.N1	22-AUG-2009 06:00:34	Dark	56.500	27	24Gam Ori	1.6360	26000.	113	39094	No
67	GOM_NL__2PRFIN20090822_060231_000000542081_00463_39094_0115.N1	22-AUG-2009 06:02:31	Dark	53.500	30	46Eps Ori	1.6940	30000.	107	39094	No
68	GOM_NL__2PRFIN20090822_060400_000000462081_00463_39094_0116.N1	22-AUG-2009 06:04:00	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	39094	No
69	GOM_NL__2PRFIN20090822_060550_000000642081_00463_39094_0117.N1	22-AUG-2009 06:05:50	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	39094	No
70	GOM_NL__2PRFIN20090822_060729_000000512081_00463_39094_0118.N1	22-AUG-2009 06:07:29	Dark	50.500	101	11Alp Lep	2.5820	7000.0	101	39094	No
71	GOM_NL__2PRFIN20090822_062200_000000532081_00464_39095_0116.N1	22-AUG-2009 06:22:00	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39095	No
72	GOM_NL__2PRFIN20090822_063114_000000502081_00464_39095_0117.N1	22-AUG-2009 06:31:14	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	39095	No
73	GOM_NL__2PRFIN20090822_063810_000000522081_00464_39095_0118.N1	22-AUG-2009 06:38:10	Twilight	51.500	18	24Alp PsA	1.1660	9700.0	103	39095	No
74	GOM_NL__2PRFIN20090822_064830_000000442081_00464_39095_0119.N1	22-AUG-2009 06:48:30	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	39095	No
75	GOM_NL__2PRFIN20090822_065136_000000442081_00464_39095_0120.N1	22-AUG-2009 06:51:36	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	39095	No
76	GOM_NL__2PRFIN20090822_065954_000000502081_00464_39095_0121.N1	22-AUG-2009 06:59:54	Bright	50.000	164	44Eta Peg	2.9480	5400.0	100	39095	No
77	GOM_NL__2PRFIN20090822_071043_000000462081_00464_39095_0122.N1	22-AUG-2009 07:10:43	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39095	No
78	GOM_NL__2PRFIN20090822_071257_000000442081_00464_39095_0123.N1	22-AUG-2009 07:12:57	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39095	No
79	GOM_NL__2PRFIN20090822_072627_000000522081_00464_39095_0124.N1	22-AUG-2009 07:26:27	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	39095	No
80	GOM_NL__2PRFIN20090822_072937_000000422081_00464_39095_0125.N1	22-AUG-2009 07:29:37	Bright	41.500	107	37The Aur	2.6490	11000.	83	39095	No
81	GOM_NL__2PRFIN20090822_073124_000000382081_00464_39095_0126.N1	22-AUG-2009 07:31:24	Twilight	38.000	114	3Iot Aur	2.6930	4600.0	76	39095	No
82	GOM_NL__2PRFIN20090822_073256_000000542081_00464_39095_0127.N1	22-AUG-2009 07:32:56	Twilight	54.000	28	12Bet Tau	1.6500	15200.	108	39095	No
83	GOM_NL__2PRFIN20090822_073529_000000502081_00464_39095_0128.N1	22-AUG-2009 07:35:29	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39095	No
84	GOM_NL__2PRFIN20090822_073939_000000532081_00464_39095_0129.N1	22-AUG-2009 07:39:39	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	39095	No
85	GOM_NL__2PRFIN20090822_074111_000000612081_00464_39095_0130.N1	22-AUG-2009 07:41:11	Dark	60.500	27	24Gam Ori	1.6360	26000.	121	39095	No
86	GOM_NL__2PRFIN20090822_074308_000000542081_00464_39095_0131.N1	22-AUG-2009 07:43:08	Dark	53.500	30	46Eps Ori	1.6940	30000.	107	39095	No
87	GOM_NL__2PRFIN20090822_074437_000000512081_00464_39095_0132.N1	22-AUG-2009 07:44:37	Dark	51.000	125	44Iot Ori	2.7700	30000.	102	39095	No
88	GOM_NL__2PRFIN20090822_074627_000000592081_00464_39095_0133.N1	22-AUG-2009 07:46:27	Dark	59.000	7	19Bet Ori	0.10000	14000.	118	39095	No
89	GOM_NL__2PRFIN20090822_074806_000000502081_00464_39095_0134.N1	22-AUG-2009 07:48:06	Dark	50.000	101	11Alp Lep	2.5820	7000.0	100	39095	No
90	GOM_NL__2PRFIN20090822_080237_000000532081_00465_39096_0132.N1	22-AUG-2009 08:02:37	Dark	52.500	157	The1Eri	2.9060	9300.0	105	39096	No
91	GOM_NL__2PRFIN20090822_081150_000000502081_00465_39096_0133.N1	22-AUG-2009 08:11:50	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	39096	No
92	GOM_NL__2PRFIN20090822_081846_000000512081_00465_39096_0134.N1	22-AUG-2009 08:18:46	Twilight	51.000	18	24Alp PsA	1.1660	9700.0	102	39096	No
93	GOM_NL__2PRFIN20090822_082906_000000432081_00465_39096_0135.N1	22-AUG-2009 08:29:06	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	39096	No
94	GOM_NL__2PRFIN20090822_083211_000000432081_00465_39096_0136.N1	22-AUG-2009 08:32:11	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	39096	No
95	GOM_NL__2PRFIN20090822_084029_000000502081_00465_39096_0137.N1	22-AUG-2009 08:40:29	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	39096	No
96	GOM_NL__2PRFIN20090822_085118_000000462081_00465_39096_0138.N1	22-AUG-2009 08:51:18	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39096	No
97	GOM_NL__2PRFIN20090822_085332_000000472081_00465_39096_0139.N1	22-AUG-2009 08:53:32	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39096	No
98	GOM_NL__2PRFIN20090822_090703_000000512081_00465_39096_0140.N1	22-AUG-2009 09:07:03	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	39096	No
99	GOM_NL__2PRFIN20090822_091013_000000432081_00465_39096_0141.N1	22-AUG-2009 09:10:13	Bright	42.500	107	37The Aur	2.6490	11000.	85	39096	No
100	GOM_NL__2PRFIN20090822_091200_000000312081_00465_39096_0142.N1	22-AUG-2009 09:12:00	Twilight	31.000	114	3Iot Aur	2.6930	4600.0	62	39096	No
101	GOM_NL__2PRFIN20090822_091332_000000552081_00465_39096_0143.N1	22-AUG-2009 09:13:32	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	39096	No

102	GOM_NL__2PRFIN20090822_091605_000000512081_00465_39096_0144.N1	22-AUG-2009 09:16:05	Twilight	50.500	176	23Zet Tau	3.0200	22000.	101	39096	No
103	GOM_NL__2PRFIN20090822_092015_000000552081_00465_39096_0145.N1	22-AUG-2009 09:20:15	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	39096	No
104	GOM_NL__2PRFIN20090822_092147_000000562081_00465_39096_0146.N1	22-AUG-2009 09:21:47	Dark	55.500	27	24Gam Ori	1.6360	26000.	111	39096	No
105	GOM_NL__2PRFIN20090822_092345_000000572081_00465_39096_0147.N1	22-AUG-2009 09:23:45	Dark	56.500	30	46Eps Ori	1.6940	30000.	113	39096	No
106	GOM_NL__2PRFIN20090822_092514_000000462081_00465_39096_0148.N1	22-AUG-2009 09:25:14	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	39096	No
107	GOM_NL__2PRFIN20090822_092704_000000742081_00465_39096_0149.N1	22-AUG-2009 09:27:04	Dark	74.000	7	19Bet Ori	0.10000	14000.	148	39096	No
108	GOM_NL__2PRFIN20090822_092843_000000492081_00465_39096_0150.N1	22-AUG-2009 09:28:43	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39096	No
109	GOM_NL__2PRFIN20090822_094314_000000532081_00466_39097_0153.N1	22-AUG-2009 09:43:14	Dark	52.500	157	The1Eri	2.9060	9300.0	105	39097	No
110	GOM_NL__2PRFIN20090822_095227_000000522081_00466_39097_0154.N1	22-AUG-2009 09:52:27	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	39097	No
111	GOM_NL__2PRFIN20090822_095922_000000492081_00466_39097_0155.N1	22-AUG-2009 09:59:22	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	39097	No
112	GOM_NL__2PRFIN20090822_100942_000000622081_00466_39097_0156.N1	22-AUG-2009 10:09:42	Bright	62.000	162	34Alp Aqr	2.9440	5350.0	124	39097	No
113	GOM_NL__2PRFIN20090822_101247_000000412081_00466_39097_0157.N1	22-AUG-2009 10:12:47	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	39097	No
114	GOM_NL__2PRFIN20090822_102104_000000502081_00466_39097_0158.N1	22-AUG-2009 10:21:04	Bright	50.000	164	44Eta Peg	2.9480	5400.0	100	39097	No
115	GOM_NL__2PRFIN20090822_103153_000000482081_00466_39097_0159.N1	22-AUG-2009 10:31:53	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39097	No
116	GOM_NL__2PRFIN20090822_103407_000000492081_00466_39097_0160.N1	22-AUG-2009 10:34:07	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	39097	No
117	GOM_NL__2PRFIN20090822_104739_000000572081_00466_39097_0161.N1	22-AUG-2009 10:47:39	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	39097	No
118	GOM_NL__2PRFIN20090822_105049_000000432081_00466_39097_0162.N1	22-AUG-2009 10:50:49	Bright	43.000	107	37The Aur	2.6490	11000.	86	39097	No
119	GOM_NL__2PRFIN20090822_105236_000000312081_00466_39097_0163.N1	22-AUG-2009 10:52:36	Twilight	31.000	114	3Iot Aur	2.6930	4600.0	62	39097	No
120	GOM_NL__2PRFIN20090822_105408_000000532081_00466_39097_0164.N1	22-AUG-2009 10:54:08	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	39097	No
121	GOM_NL__2PRFIN20090822_105641_000000522081_00466_39097_0165.N1	22-AUG-2009 10:56:41	Twilight	51.500	176	23Zet Tau	3.0200	22000.	103	39097	No
122	GOM_NL__2PRFIN20090822_110052_000000542081_00466_39097_0166.N1	22-AUG-2009 11:00:52	Dark	53.500	14	58Alp Ori	0.87000	3000.0	107	39097	No
123	GOM_NL__2PRFIN20090822_110224_000000592081_00466_39097_0167.N1	22-AUG-2009 11:02:24	Dark	58.500	27	24Gam Ori	1.6360	26000.	117	39097	No
124	GOM_NL__2PRFIN20090822_110422_000000552081_00466_39097_0168.N1	22-AUG-2009 11:04:22	Dark	55.000	30	46Eps Ori	1.6940	30000.	110	39097	No
125	GOM_NL__2PRFIN20090822_110550_000000472081_00466_39097_0169.N1	22-AUG-2009 11:05:50	Dark	47.000	125	44Iot Ori	2.7700	30000.	94	39097	No
126	GOM_NL__2PRFIN20090822_110741_000000622081_00466_39097_0170.N1	22-AUG-2009 11:07:41	Dark	62.000	7	19Bet Ori	0.10000	14000.	124	39097	No
127	GOM_NL__2PRFIN20090822_110919_000000482081_00466_39097_0171.N1	22-AUG-2009 11:09:19	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	39097	No
128	GOM_NL__2PRFIN20090822_112351_000000522081_00467_39098_0170.N1	22-AUG-2009 11:23:51	Dark	51.500	157	The1Eri	2.9060	9300.0	103	39098	No
129	GOM_NL__2PRFIN20090822_113304_000000522081_00467_39098_0171.N1	22-AUG-2009 11:33:04	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	39098	No
130	GOM_NL__2PRFIN20090822_113959_000000492081_00467_39098_0172.N1	22-AUG-2009 11:39:59	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	39098	No
131	GOM_NL__2PRFIN20090822_115017_000000452081_00467_39098_0173.N1	22-AUG-2009 11:50:17	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	39098	No
132	GOM_NL__2PRFIN20090822_115323_000000412081_00467_39098_0174.N1	22-AUG-2009 11:53:23	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	39098	No
133	GOM_NL__2PRFIN20090822_120139_000000492081_00467_39098_0175.N1	22-AUG-2009 12:01:39	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	39098	No
134	GOM_NL__2PRFIN20090822_121228_000000472081_00467_39098_0176.N1	22-AUG-2009 12:12:28	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	39098	No
135	GOM_NL__2PRFIN20090822_121442_000000482081_00467_39098_0177.N1	22-AUG-2009 12:14:42	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	39098	No
136	GOM_NL__2PRFIN20090822_122814_000000572081_00467_39098_0178.N1	22-AUG-2009 12:28:14	Bright	56.500	6	13Alp Aur	0.080000	3400.0	113	39098	No
137	GOM_NL__2PRFIN20090822_123125_000000422081_00467_39098_0179.N1	22-AUG-2009 12:31:25	Bright	42.000	107	37The Aur	2.6490	11000.	84	39098	No
138	GOM_NL__2PRFIN20090822_123444_000000562081_00467_39098_0180.N1	22-AUG-2009 12:34:44	Twilight	55.500	28	12Bet Tau	1.6500	15200.	111	39098	No
139	GOM_NL__2PRFIN20090822_123718_000000522081_00467_39098_0181.N1	22-AUG-2009 12:37:18	Twilight	51.500	176	23Zet Tau	3.0200	22000.	103	39098	No
140	GOM_NL__2PRFIN20090822_124128_000000602081_00467_39098_0182.N1	22-AUG-2009 12:41:28	Dark	59.500	14	58Alp Ori	0.87000	3000.0	119	39098	No
141	GOM_NL__2PRFIN20090822_124301_000000582081_00467_39098_0183.N1	22-AUG-2009 12:43:01	Dark	58.000	27	24Gam Ori	1.6360	26000.	116	39098	No
142	GOM_NL__2PRFIN20090822_124458_000000542081_00467_39098_0184.N1	22-AUG-2009 12:44:58	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	39098	No
143	GOM_NL__2PRFIN20090822_124627_000000492081_00467_39098_0185.N1	22-AUG-2009 12:46:27	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	39098	No
144	GOM_NL__2PRFIN20090822_124818_000000612081_00467_39098_0186.N1	22-AUG-2009 12:48:18	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	39098	No
145	GOM_NL__2PRFIN20090822_124956_000000492081_00467_39098_0187.N1	22-AUG-2009 12:49:56	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	39098	No
146	GOM_NL__2PRFIN20090822_130428_000000522081_00468_39099_0184.N1	22-AUG-2009 13:04:28	Dark	52.000	157	The1Eri	2.9060	9300.0	104	39099	No
147	GOM_NL__2PRFIN20090822_131340_000000502081_00468_39099_0185.N1	22-AUG-2009 13:13:40	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	39099	No
148	GOM_NL__2PRFIN20090822_132035_000000502081_00468_39099_0186.N1	22-AUG-2009 13:20:35	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	39099	No
149	GOM_NL__2PRFIN20090822_133053_000000452081_00468_39099_0187.N1	22-AUG-2009 13:30:53	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	39099	No
150	GOM_NL__2PRFIN20090822_133358_000000422081_00468_39099_0188.N1	22-AUG-2009 13:33:58	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	39099	No
151	GOM_NL__2PRFIN20090822_134214_000000482081_00468_39099_0189.N1	22-AUG-2009 13:42:14	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	39099	No
152	GOM_NL__2PRFIN20090822_135304_000000502081_00468_39099_0190.N1	22-AUG-2009 13:53:04	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	39099	No
153	GOM_NL__2PRFIN20090822_135517_000000472081_00468_39099_0191.N1	22-AUG-2009 13:55:17	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39099	No
154	GOM_NL__2PRFIN20090822_140850_000000662081_00468_39099_0192.N1	22-AUG-2009 14:08:50	Bright	66.000	6	13Alp Aur	0.080000	3400.0	132	39099	No
155	GOM_NL__2PRFIN20090822_141201_000000442081_00468_39099_0193.N1	22-AUG-2009 14:12:01	Bright	43.500	107	37The Aur	2.6490	11000.	87	39099	No
156	GOM_NL__2PRFIN20090822_141520_000000572081_00468_39099_0194.N1	22-AUG-2009 14:15:20	Twilight	56.500	28	12Bet Tau	1.6500	15200.	113	39099	No
157	GOM_NL__2PRFIN20090822_141754_000000522081_00468_39099_0195.N1	22-AUG-2009 14:17:54	Twilight	52.000	176	23Zet Tau	3.0200	22000.	104	39099	No
158	GOM_NL__2PRFIN20090822_142205_000000572081_00468_39099_0196.N1	22-AUG-2009 14:22:05	Dark	56.500	14	58Alp Ori	0.87000	3000.0	113	39099	No
159	GOM_NL__2PRFIN20090822_142337_000000582081_00468_39099_0197.N1	22-AUG-2009 14:23:37	Dark	58.000	27	24Gam Ori	1.6360	26000.	116	39099	No
160	GOM_NL__2PRFIN20090822_142535_000000532081_00468_39099_0198.N1	22-AUG-2009 14:25:35	Dark	53.000	30	46Eps Ori	1.6940	30000.	106	39099	No

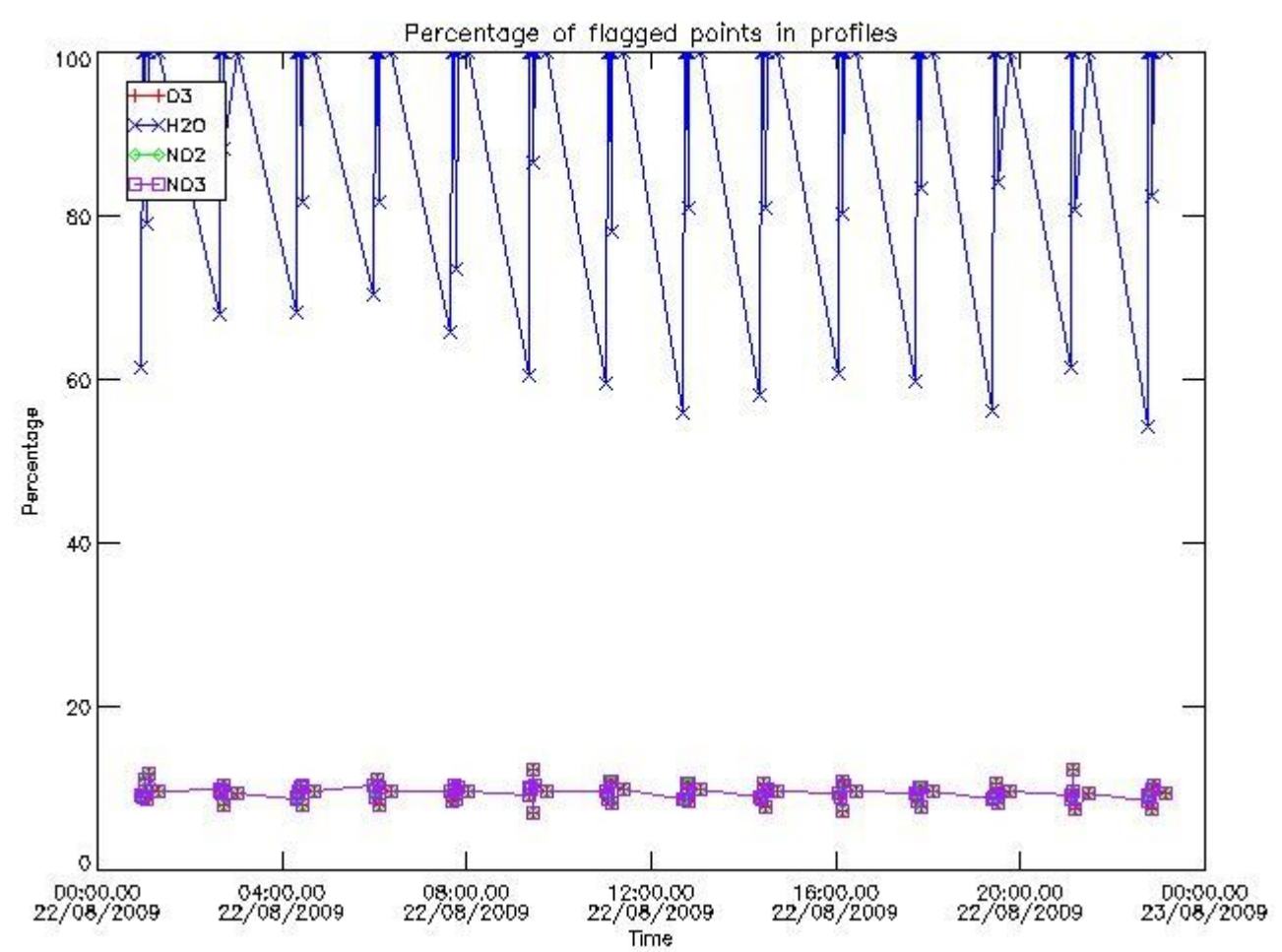
161	GOM_NL__2PRFIN20090822_142704_000000482081_00468_39099_0199.N1	22-AUG-2009 14:27:04	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	39099	No
162	GOM_NL__2PRFIN20090822_142855_000000662081_00468_39099_0200.N1	22-AUG-2009 14:28:55	Dark	66.000	7	19Bet Ori	0.10000	14000.	132	39099	No
163	GOM_NL__2PRFIN20090822_143033_000000512081_00468_39099_0201.N1	22-AUG-2009 14:30:33	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	39099	No
164	GOM_NL__2PRFIN20090822_144505_000000542081_00469_39100_0202.N1	22-AUG-2009 14:45:05	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39100	No
165	GOM_NL__2PRFIN20090822_145417_000000522081_00469_39100_0203.N1	22-AUG-2009 14:54:17	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	39100	No
166	GOM_NL__2PRFIN20090822_150111_000000502081_00469_39100_0204.N1	22-AUG-2009 15:01:11	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	39100	No
167	GOM_NL__2PRFIN20090822_151129_000000452081_00469_39100_0205.N1	22-AUG-2009 15:11:29	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	39100	No
168	GOM_NL__2PRFIN20090822_151434_000000422081_00469_39100_0206.N1	22-AUG-2009 15:14:34	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	39100	No
169	GOM_NL__2PRFIN20090822_152249_000000492081_00469_39100_0207.N1	22-AUG-2009 15:22:49	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	39100	No
170	GOM_NL__2PRFIN20090822_153553_000000482081_00469_39100_0208.N1	22-AUG-2009 15:35:53	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	39100	No
171	GOM_NL__2PRFIN20090822_154926_000000542081_00469_39100_0209.N1	22-AUG-2009 15:49:26	Bright	53.500	6	13Alp Aur	0.080000	3400.0	107	39100	No
172	GOM_NL__2PRFIN20090822_155236_000000442081_00469_39100_0210.N1	22-AUG-2009 15:52:36	Bright	43.500	107	37The Aur	2.6490	11000.	87	39100	No
173	GOM_NL__2PRFIN20090822_155556_000000572081_00469_39100_0211.N1	22-AUG-2009 15:55:56	Tw_i_and_stray	56.500	28	12Bet Tau	1.6500	15200.	113	39100	No
174	GOM_NL__2PRFIN20090822_155830_000000522081_00469_39100_0212.N1	22-AUG-2009 15:58:30	Tw_i_and_stray	51.500	176	23Zet Tau	3.0200	22000.	103	39100	No
175	GOM_NL__2PRFIN20090822_160241_000000542081_00469_39100_0213.N1	22-AUG-2009 16:02:41	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	39100	No
176	GOM_NL__2PRFIN20090822_160414_000000592081_00469_39100_0214.N1	22-AUG-2009 16:04:14	Dark	59.000	27	24Gam Ori	1.6360	26000.	118	39100	No
177	GOM_NL__2PRFIN20090822_160612_000000572081_00469_39100_0215.N1	22-AUG-2009 16:06:12	Dark	56.500	30	46Eps Ori	1.6940	30000.	113	39100	No
178	GOM_NL__2PRFIN20090822_160741_000000472081_00469_39100_0216.N1	22-AUG-2009 16:07:41	Dark	47.000	125	44Iot Ori	2.7700	30000.	94	39100	No
179	GOM_NL__2PRFIN20090822_160932_000000722081_00469_39100_0217.N1	22-AUG-2009 16:09:32	Dark	71.500	7	19Bet Ori	0.10000	14000.	143	39100	No
180	GOM_NL__2PRFIN20090822_161110_000000492081_00469_39100_0218.N1	22-AUG-2009 16:11:10	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39100	No
181	GOM_NL__2PRFIN20090822_162543_000000542081_00470_39101_0220.N1	22-AUG-2009 16:25:43	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39101	No
182	GOM_NL__2PRFIN20090822_163454_000000532081_00470_39101_0221.N1	22-AUG-2009 16:34:54	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	39101	No
183	GOM_NL__2PRFIN20090822_164147_000000502081_00470_39101_0222.N1	22-AUG-2009 16:41:47	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	39101	No
184	GOM_NL__2PRFIN20090822_165205_000000452081_00470_39101_0223.N1	22-AUG-2009 16:52:05	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	39101	No
185	GOM_NL__2PRFIN20090822_165510_000000592081_00470_39101_0224.N1	22-AUG-2009 16:55:10	Bright	59.000	61	8Eps Peg	2.1000	3900.0	118	39101	No
186	GOM_NL__2PRFIN20090822_170325_000000492081_00470_39101_0225.N1	22-AUG-2009 17:03:25	Bright	49.000	164	44Eta Peg	2.9480	5400.0	98	39101	No
187	GOM_NL__2PRFIN20090822_171414_000000472081_00470_39101_0226.N1	22-AUG-2009 17:14:14	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	39101	No
188	GOM_NL__2PRFIN20090822_171628_000000492081_00470_39101_0227.N1	22-AUG-2009 17:16:28	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	39101	No
189	GOM_NL__2PRFIN20090822_173002_000000662081_00470_39101_0228.N1	22-AUG-2009 17:30:02	Bright	66.000	6	13Alp Aur	0.080000	3400.0	132	39101	No
190	GOM_NL__2PRFIN20090822_173313_000000442081_00470_39101_0229.N1	22-AUG-2009 17:33:13	Bright	43.500	107	37The Aur	2.6490	11000.	87	39101	No
191	GOM_NL__2PRFIN20090822_173632_000000552081_00470_39101_0230.N1	22-AUG-2009 17:36:32	Tw_i_and_stray	54.500	28	12Bet Tau	1.6500	15200.	109	39101	No
192	GOM_NL__2PRFIN20090822_173907_000000522081_00470_39101_0231.N1	22-AUG-2009 17:39:07	Tw_i_and_stray	51.500	176	23Zet Tau	3.0200	22000.	103	39101	No
193	GOM_NL__2PRFIN20090822_174318_000000542081_00470_39101_0232.N1	22-AUG-2009 17:43:18	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	39101	No
194	GOM_NL__2PRFIN20090822_174451_000000612081_00470_39101_0233.N1	22-AUG-2009 17:44:51	Dark	61.000	27	24Gam Ori	1.6360	26000.	122	39101	No
195	GOM_NL__2PRFIN20090822_174648_000000552081_00470_39101_0234.N1	22-AUG-2009 17:46:48	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	39101	No
196	GOM_NL__2PRFIN20090822_174817_000000512081_00470_39101_0235.N1	22-AUG-2009 17:48:17	Dark	50.500	125	44Iot Ori	2.7700	30000.	101	39101	No
197	GOM_NL__2PRFIN20090822_175009_000000732081_00470_39101_0236.N1	22-AUG-2009 17:50:09	Dark	73.000	7	19Bet Ori	0.10000	14000.	146	39101	No
198	GOM_NL__2PRFIN20090822_175146_000000512081_00470_39101_0237.N1	22-AUG-2009 17:51:46	Dark	50.500	101	11Alp Lep	2.5820	7000.0	101	39101	No
199	GOM_NL__2PRFIN20090822_180620_000000542081_00471_39102_0259.N1	22-AUG-2009 18:06:20	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39102	No
200	GOM_NL__2PRFIN20090822_181530_000000582081_00471_39102_0260.N1	22-AUG-2009 18:15:30	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	39102	No
201	GOM_NL__2PRFIN20090822_182224_000000512081_00471_39102_0261.N1	22-AUG-2009 18:22:24	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	39102	No
202	GOM_NL__2PRFIN20090822_183241_000000442081_00471_39102_0262.N1	22-AUG-2009 18:32:41	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	39102	No
203	GOM_NL__2PRFIN20090822_183546_000000592081_00471_39102_0263.N1	22-AUG-2009 18:35:46	Bright	59.000	61	8Eps Peg	2.1000	3900.0	118	39102	No
204	GOM_NL__2PRFIN20090822_184400_000000492081_00471_39102_0264.N1	22-AUG-2009 18:44:00	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	39102	No
205	GOM_NL__2PRFIN20090822_185449_000000432081_00471_39102_0265.N1	22-AUG-2009 18:54:49	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39102	No
206	GOM_NL__2PRFIN20090822_185703_000000482081_00471_39102_0266.N1	22-AUG-2009 18:57:03	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39102	No
207	GOM_NL__2PRFIN20090822_191038_000000512081_00471_39102_0267.N1	22-AUG-2009 19:10:38	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	39102	No
208	GOM_NL__2PRFIN20090822_191349_000000502081_00471_39102_0268.N1	22-AUG-2009 19:13:49	Bright	49.500	107	37The Aur	2.6490	11000.	99	39102	No
209	GOM_NL__2PRFIN20090822_191708_000000552081_00471_39102_0269.N1	22-AUG-2009 19:17:08	Tw_i_and_stray	55.000	28	12Bet Tau	1.6500	15200.	110	39102	No
210	GOM_NL__2PRFIN20090822_191943_000000542081_00471_39102_0270.N1	22-AUG-2009 19:19:43	Tw_i_and_stray	54.000	176	23Zet Tau	3.0200	22000.	108	39102	No
211	GOM_NL__2PRFIN20090822_192354_000000592081_00471_39102_0271.N1	22-AUG-2009 19:23:54	Dark	58.500	14	58Alp Ori	0.87000	3000.0	117	39102	No
212	GOM_NL__2PRFIN20090822_192528_000000572081_00471_39102_0272.N1	22-AUG-2009 19:25:28	Dark	57.000	27	24Gam Ori	1.6360	26000.	114	39102	No
213	GOM_NL__2PRFIN20090822_192725_000000542081_00471_39102_0273.N1	22-AUG-2009 19:27:25	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	39102	No
214	GOM_NL__2PRFIN20090822_192854_000000482081_00471_39102_0274.N1	22-AUG-2009 19:28:54	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	39102	No
215	GOM_NL__2PRFIN20090822_193046_000000632081_00471_39102_0275.N1	22-AUG-2009 19:30:46	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	39102	No
216	GOM_NL__2PRFIN20090822_194657_000000532081_00472_39103_0277.N1	22-AUG-2009 19:46:57	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39103	No
217	GOM_NL__2PRFIN20090822_195607_000000492081_00472_39103_0278.N1	22-AUG-2009 19:56:07	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39103	No
218	GOM_NL__2PRFIN20090822_200300_000000492081_00472_39103_0279.N1	22-AUG-2009 20:03:00	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	39103	No
219	GOM_NL__2PRFIN20090822_201316_000000602081_00472_39103_0280.N1	22-AUG-2009 20:13:16	Bright	60.000	162	34Alp Aqr	2.9440	5350.0	120	39103	No

220	GOM_NL__2PRFIN20090822_201621_000000432081_00472_39103_0281.N1	22-AUG-2009 20:16:21	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	39103	No
221	GOM_NL__2PRFIN20090822_202435_000000492081_00472_39103_0282.N1	22-AUG-2009 20:24:35	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	39103	No
222	GOM_NL__2PRFIN20090822_203524_000000452081_00472_39103_0283.N1	22-AUG-2009 20:35:24	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39103	No
223	GOM_NL__2PRFIN20090822_203738_000000492081_00472_39103_0284.N1	22-AUG-2009 20:37:38	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	39103	No
224	GOM_NL__2PRFIN20090822_205113_000000662081_00472_39103_0285.N1	22-AUG-2009 20:51:13	Bright	65.500	6	13Alp Aur	0.080000	3400.0	131	39103	No
225	GOM_NL__2PRFIN20090822_205425_000000432081_00472_39103_0286.N1	22-AUG-2009 20:54:25	Bright	43.000	107	37The Aur	2.6490	11000.	86	39103	No
226	GOM_NL__2PRFIN20090822_205745_000000532081_00472_39103_0287.N1	22-AUG-2009 20:57:45	Twilight	53.000	28	12Bet Tau	1.6500	15200.	106	39103	No
227	GOM_NL__2PRFIN20090822_210019_000000492081_00472_39103_0288.N1	22-AUG-2009 21:00:19	Twilight	48.500	176	23Zet Tau	3.0200	22000.	97	39103	No
228	GOM_NL__2PRFIN20090822_210431_000000552081_00472_39103_0289.N1	22-AUG-2009 21:04:31	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	39103	No
229	GOM_NL__2PRFIN20090822_210604_000000602081_00472_39103_0290.N1	22-AUG-2009 21:06:04	Dark	59.500	27	24Gam Ori	1.6360	26000.	119	39103	No
230	GOM_NL__2PRFIN20090822_210802_000000532081_00472_39103_0291.N1	22-AUG-2009 21:08:02	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	39103	No
231	GOM_NL__2PRFIN20090822_210931_000000502081_00472_39103_0292.N1	22-AUG-2009 21:09:31	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	39103	No
232	GOM_NL__2PRFIN20090822_211123_000000682081_00472_39103_0293.N1	22-AUG-2009 21:11:23	Dark	67.500	7	19Bet Ori	0.10000	14000.	135	39103	No
233	GOM_NL__2PRFIN20090822_212734_000000552081_00473_39104_0292.N1	22-AUG-2009 21:27:34	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39104	No
234	GOM_NL__2PRFIN20090822_213644_000000582081_00473_39104_0293.N1	22-AUG-2009 21:36:44	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	39104	No
235	GOM_NL__2PRFIN20090822_214336_000000492081_00473_39104_0294.N1	22-AUG-2009 21:43:36	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	39104	No
236	GOM_NL__2PRFIN20090822_215352_000000442081_00473_39104_0295.N1	22-AUG-2009 21:53:52	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	39104	No
237	GOM_NL__2PRFIN20090822_215657_000000432081_00473_39104_0296.N1	22-AUG-2009 21:56:57	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	39104	No
238	GOM_NL__2PRFIN20090822_220510_000000472081_00473_39104_0297.N1	22-AUG-2009 22:05:10	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	39104	No
239	GOM_NL__2PRFIN20090822_221600_000000462081_00473_39104_0298.N1	22-AUG-2009 22:16:00	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	39104	No
240	GOM_NL__2PRFIN20090822_221813_000000462081_00473_39104_0299.N1	22-AUG-2009 22:18:13	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39104	No
241	GOM_NL__2PRFIN20090822_223149_000000502081_00473_39104_0300.N1	22-AUG-2009 22:31:49	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	39104	No
242	GOM_NL__2PRFIN20090822_223501_000000452081_00473_39104_0301.N1	22-AUG-2009 22:35:01	Bright	45.000	107	37The Aur	2.6490	11000.	90	39104	No
243	GOM_NL__2PRFIN20090822_223821_000000612081_00473_39104_0302.N1	22-AUG-2009 22:38:21	Twilight	61.000	28	12Bet Tau	1.6500	15200.	122	39104	No
244	GOM_NL__2PRFIN20090822_224056_000000522081_00473_39104_0303.N1	22-AUG-2009 22:40:56	Twilight	52.000	176	23Zet Tau	3.0200	22000.	104	39104	No
245	GOM_NL__2PRFIN20090822_224507_000000612081_00473_39104_0304.N1	22-AUG-2009 22:45:07	Dark	60.500	14	58Alp Ori	0.87000	3000.0	121	39104	No
246	GOM_NL__2PRFIN20090822_224641_000000612081_00473_39104_0305.N1	22-AUG-2009 22:46:41	Dark	61.000	27	24Gam Ori	1.6360	26000.	122	39104	No
247	GOM_NL__2PRFIN20090822_224838_000000572081_00473_39104_0306.N1	22-AUG-2009 22:48:38	Dark	56.500	30	46Eps Ori	1.6940	30000.	113	39104	No
248	GOM_NL__2PRFIN20090822_225007_000000512081_00473_39104_0307.N1	22-AUG-2009 22:50:07	Dark	51.000	125	44Iot Ori	2.7700	30000.	102	39104	No
249	GOM_NL__2PRFIN20090822_225200_000000752081_00473_39104_0308.N1	22-AUG-2009 22:52:00	Dark	74.500	7	19Bet Ori	0.10000	14000.	149	39104	No
250	GOM_NL__2PRFIN20090822_225437_000000502081_00473_39104_0309.N1	22-AUG-2009 22:54:37	Dark	49.500	139	9Bet Lep	2.8330	5600.0	99	39104	No
251	GOM_NL__2PRFIN20090822_230811_000000542081_00474_39105_0307.N1	22-AUG-2009 23:08:11	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39105	No
252	GOM_NL__2PRFIN20090822_231720_000000602081_00474_39105_0308.N1	22-AUG-2009 23:17:20	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	39105	No
253	GOM_NL__2PRFIN20090822_232413_000000512081_00474_39105_0309.N1	22-AUG-2009 23:24:13	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	39105	No
254	GOM_NL__2PRFIN20090822_233428_000000422081_00474_39105_0310.N1	22-AUG-2009 23:34:28	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	39105	No
255	GOM_NL__2PRFIN20090822_233733_000000592081_00474_39105_0311.N1	22-AUG-2009 23:37:33	Bright	59.000	61	8Eps Peg	2.1000	3900.0	118	39105	No
256	GOM_NL__2PRFIN20090822_234545_000000482081_00474_39105_0312.N1	22-AUG-2009 23:45:45	Bright	47.500	164	44Eta Peg	2.9480	5400.0	95	39105	No
257	GOM_NL__2PRFIN20090822_235635_000000452081_00474_39105_0313.N1	22-AUG-2009 23:56:35	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39105	No
258	GOM_NL__2PRFIN20090822_235849_000000452081_00474_39105_0314.N1	22-AUG-2009 23:58:49	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39105	No

3. Quality information per product

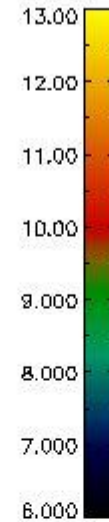
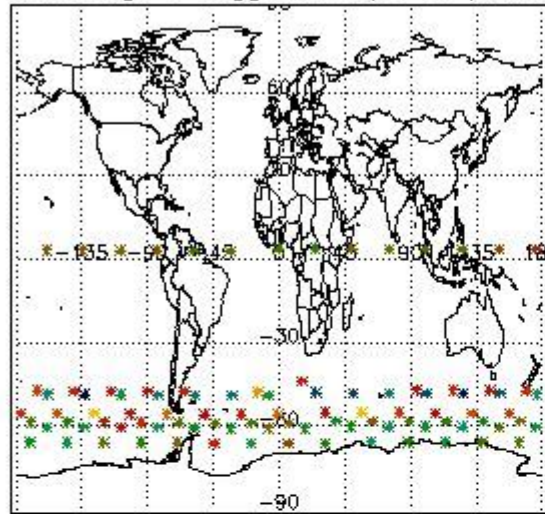
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

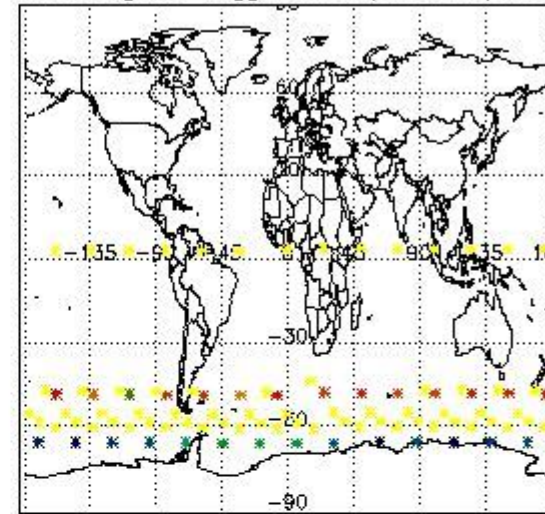


3.2 Plot quality information per product (world map)

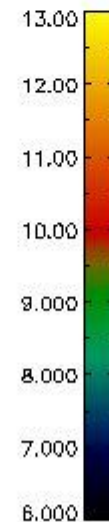
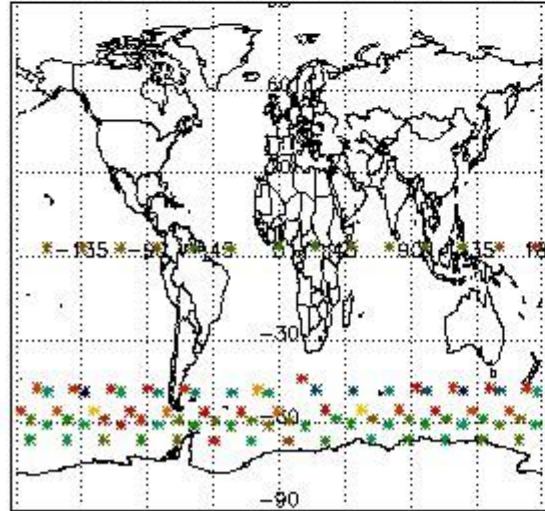
Percentage of flagged data per O3 profile



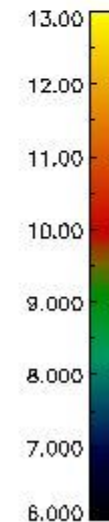
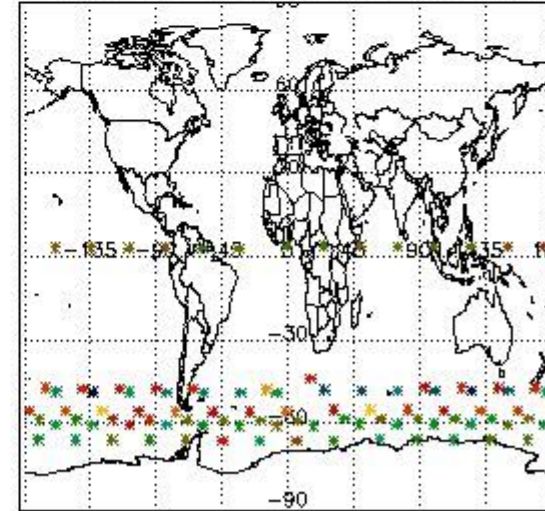
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

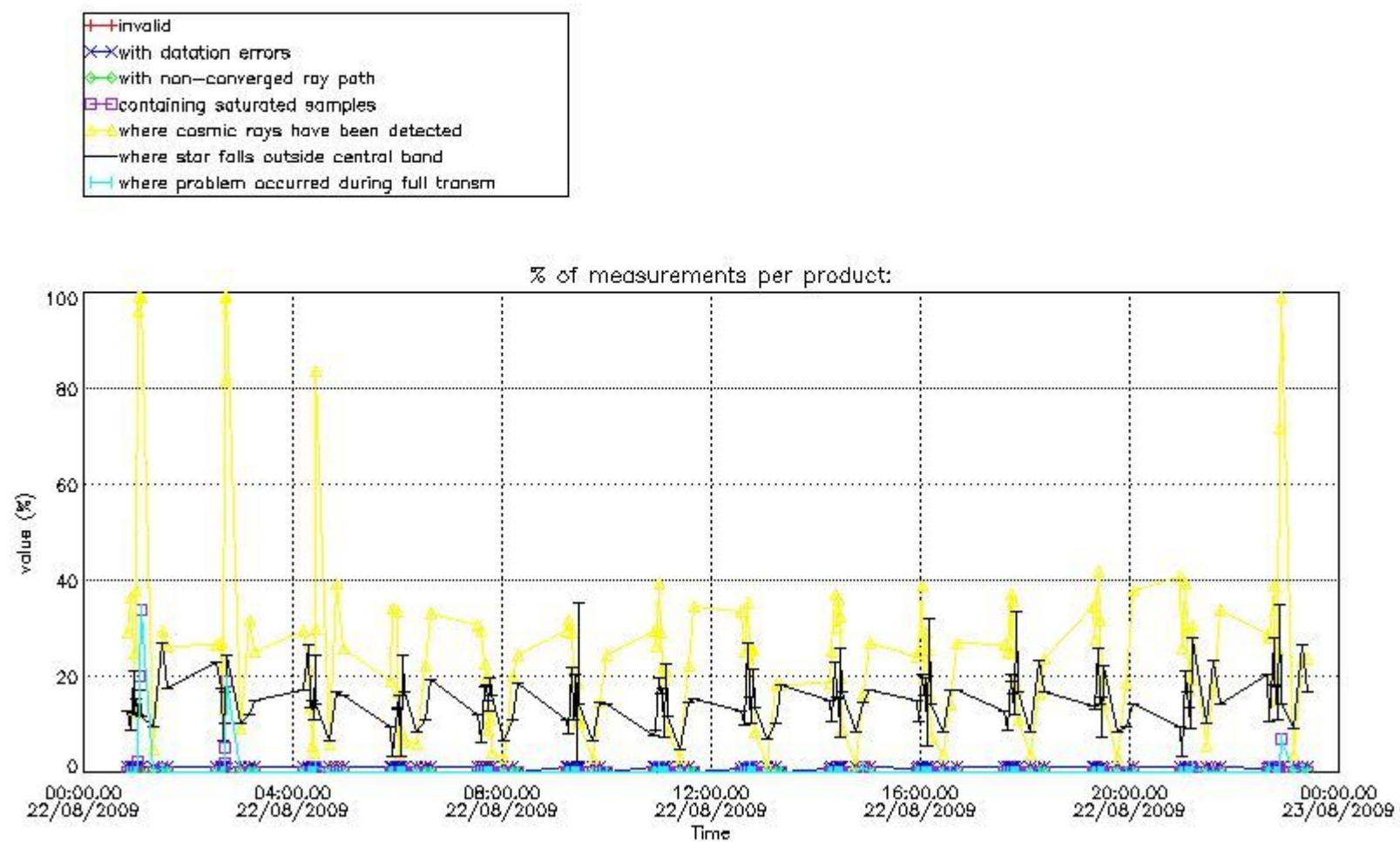


4. Level 1 quality information per product

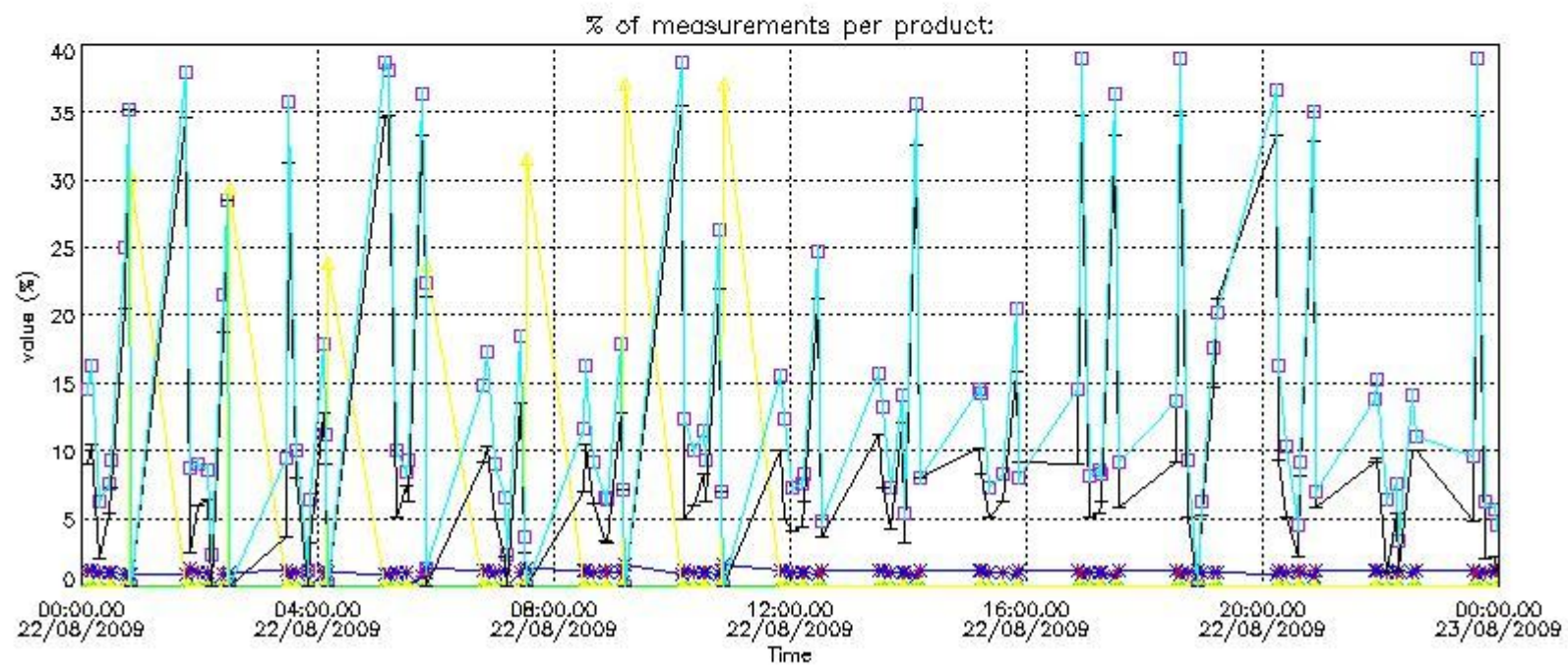
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



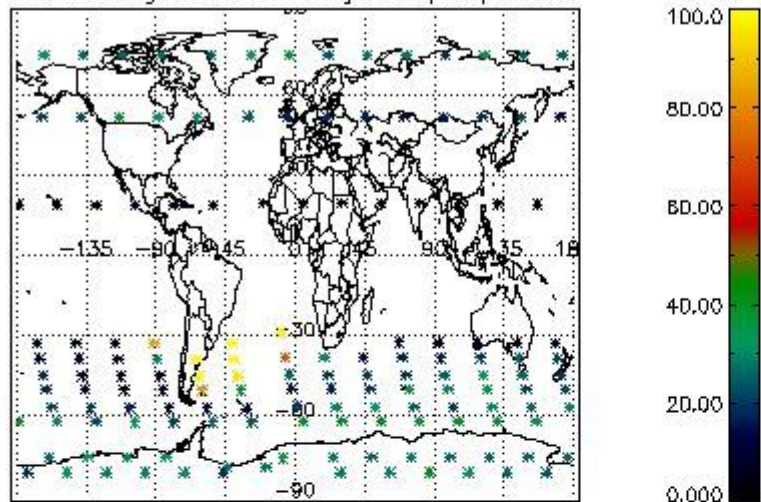
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



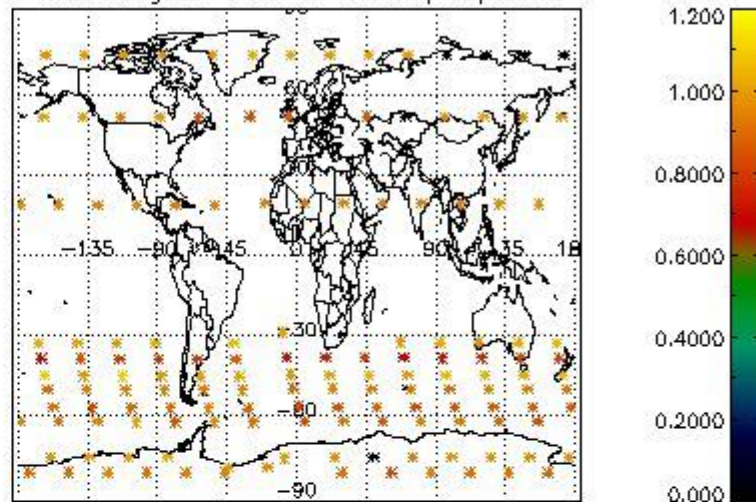
4.2 Plot quality information per product coming from level 1b processing (world map)

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

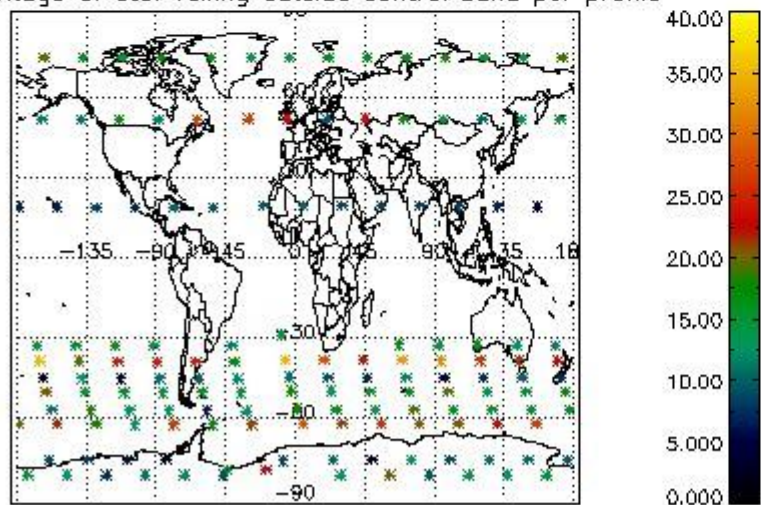
Percentage of cosmic ray hits per profile



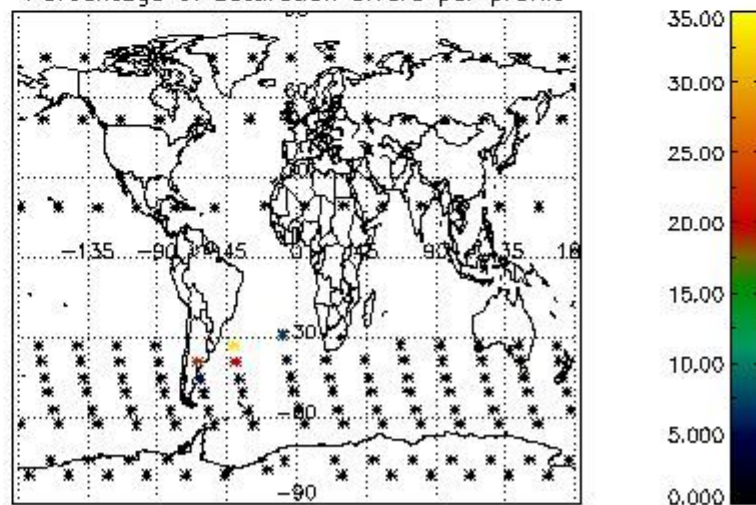
Percentage of datation errors per profile



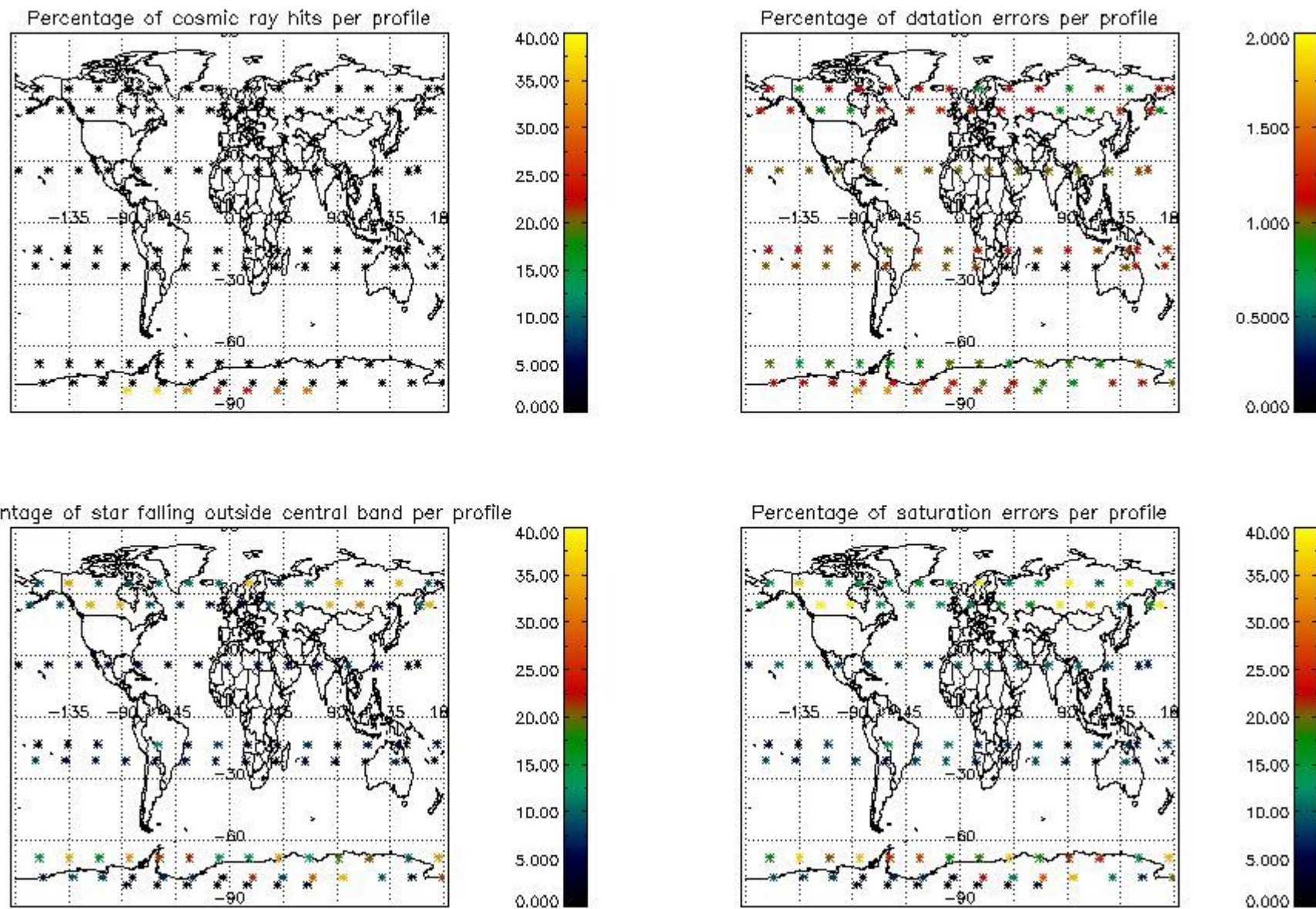
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

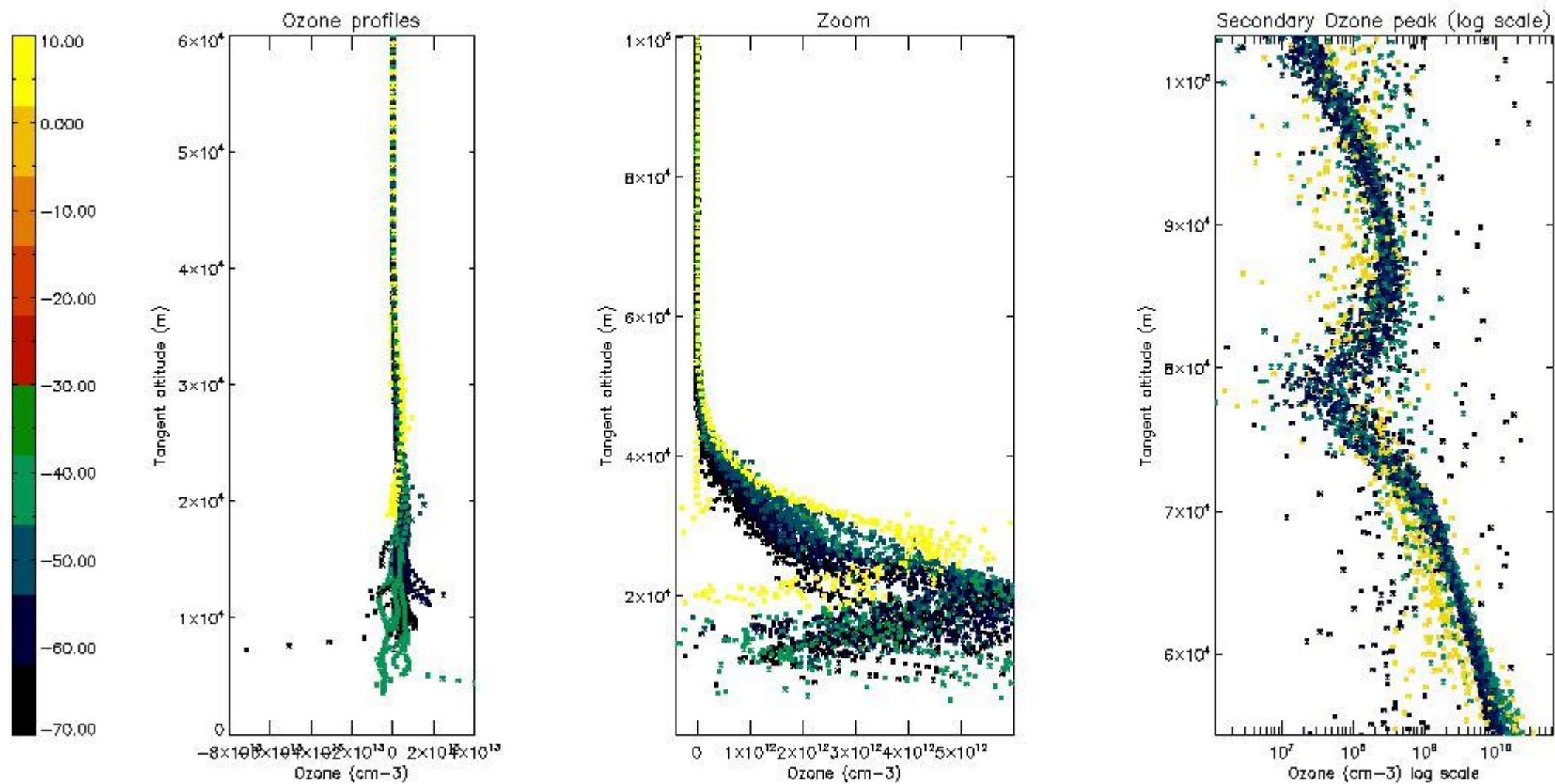
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	40
STD < 20	23

STD < 10	18
STD < 5	12

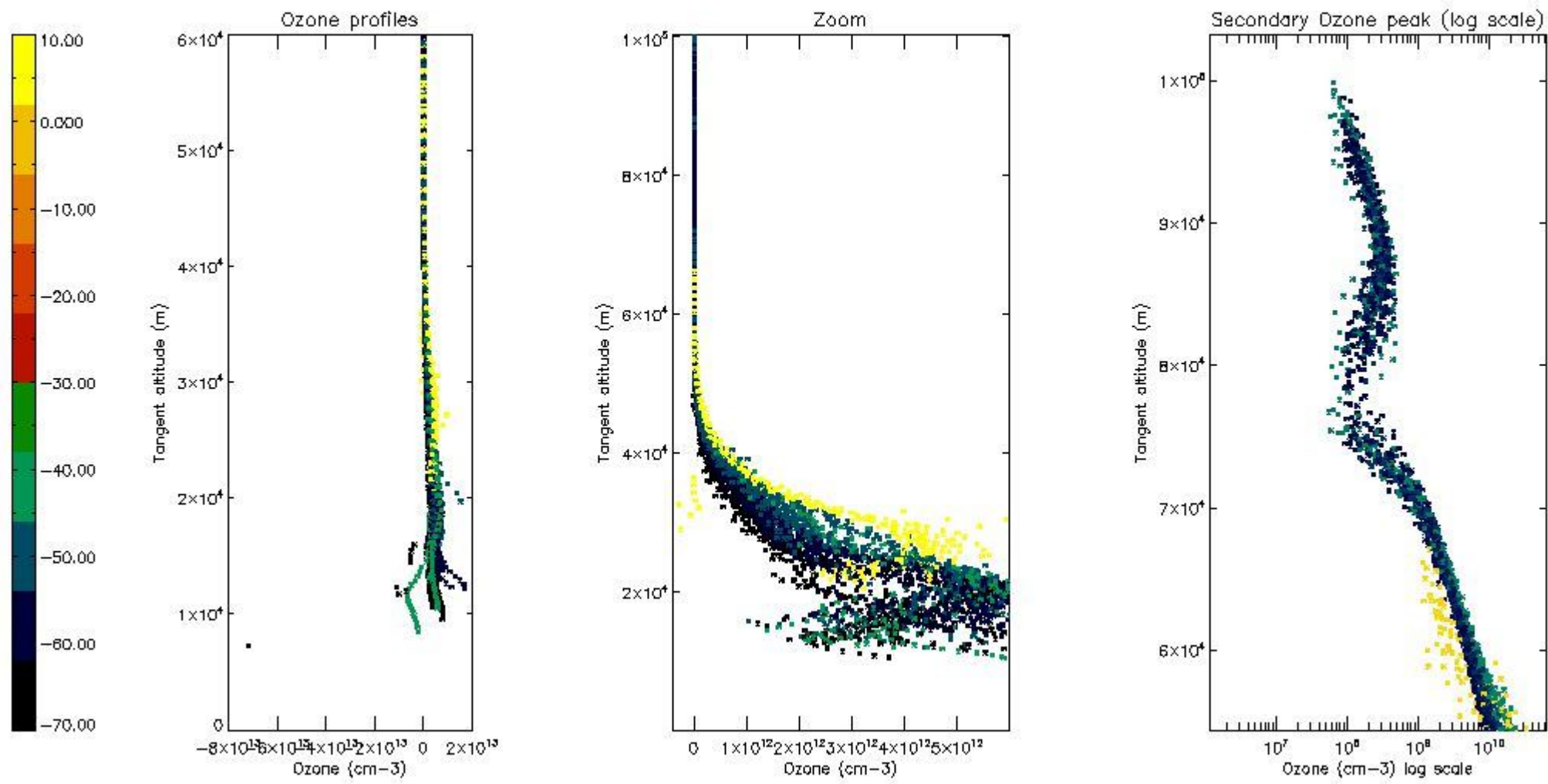
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



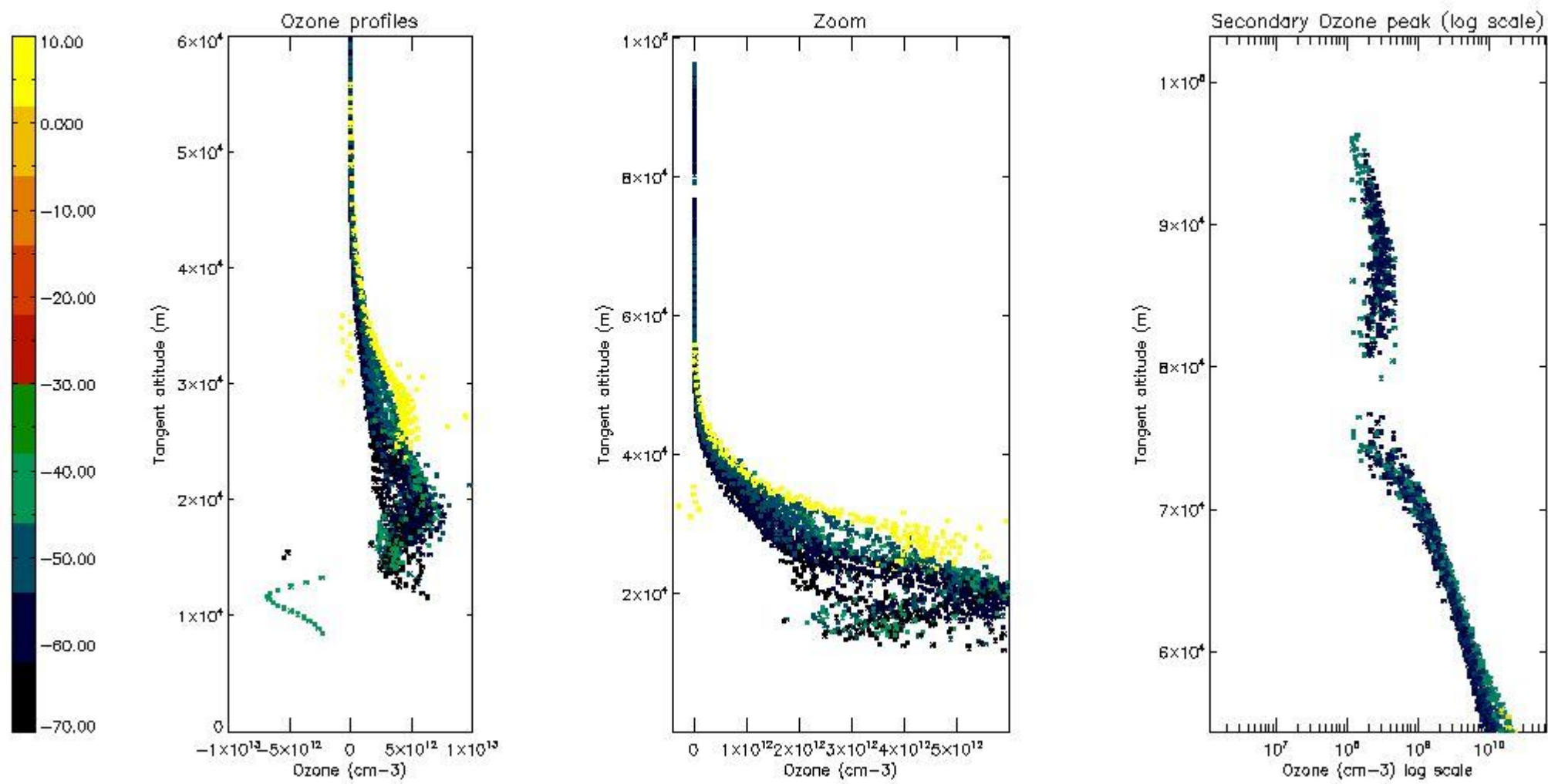
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



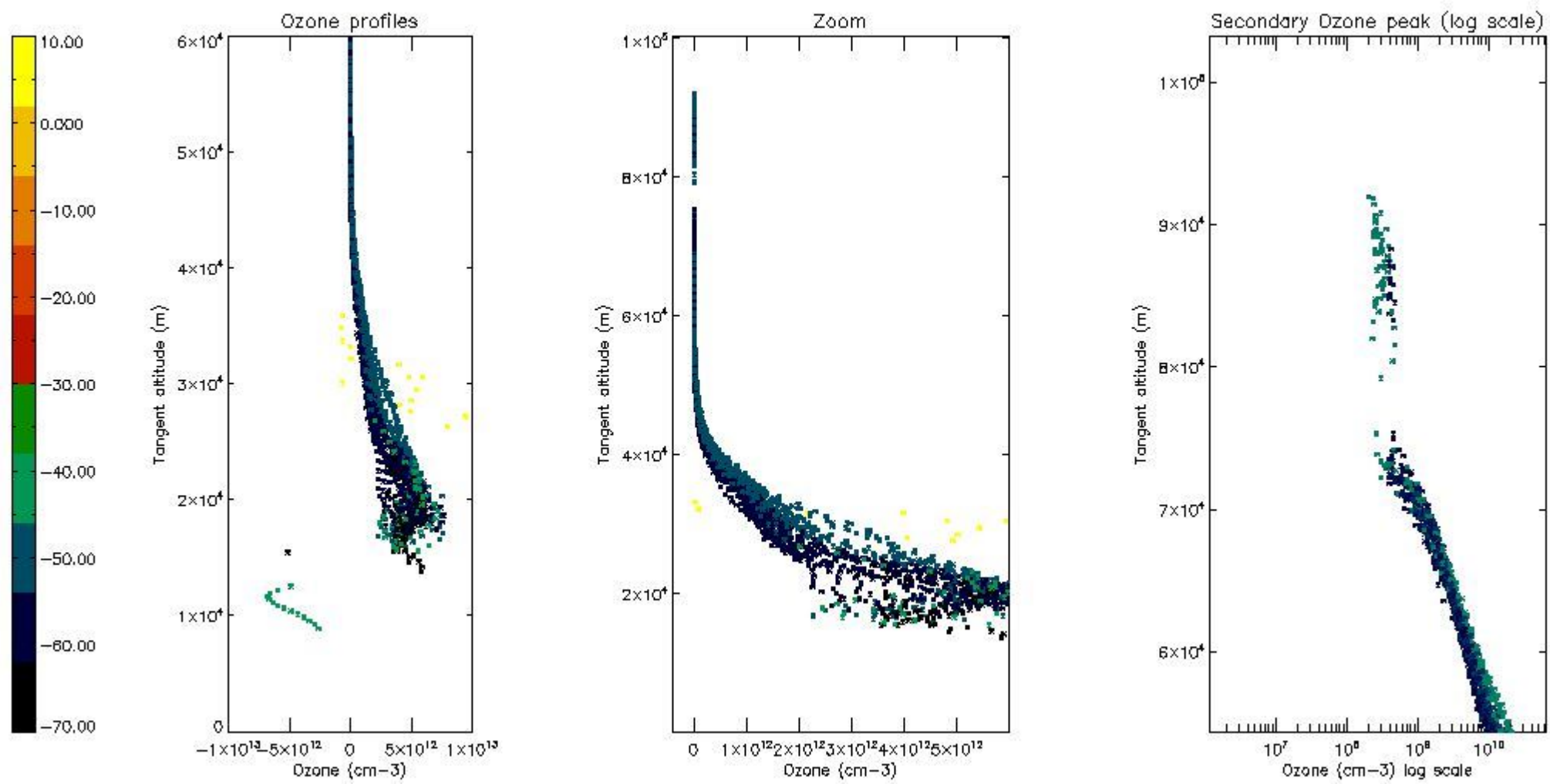
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



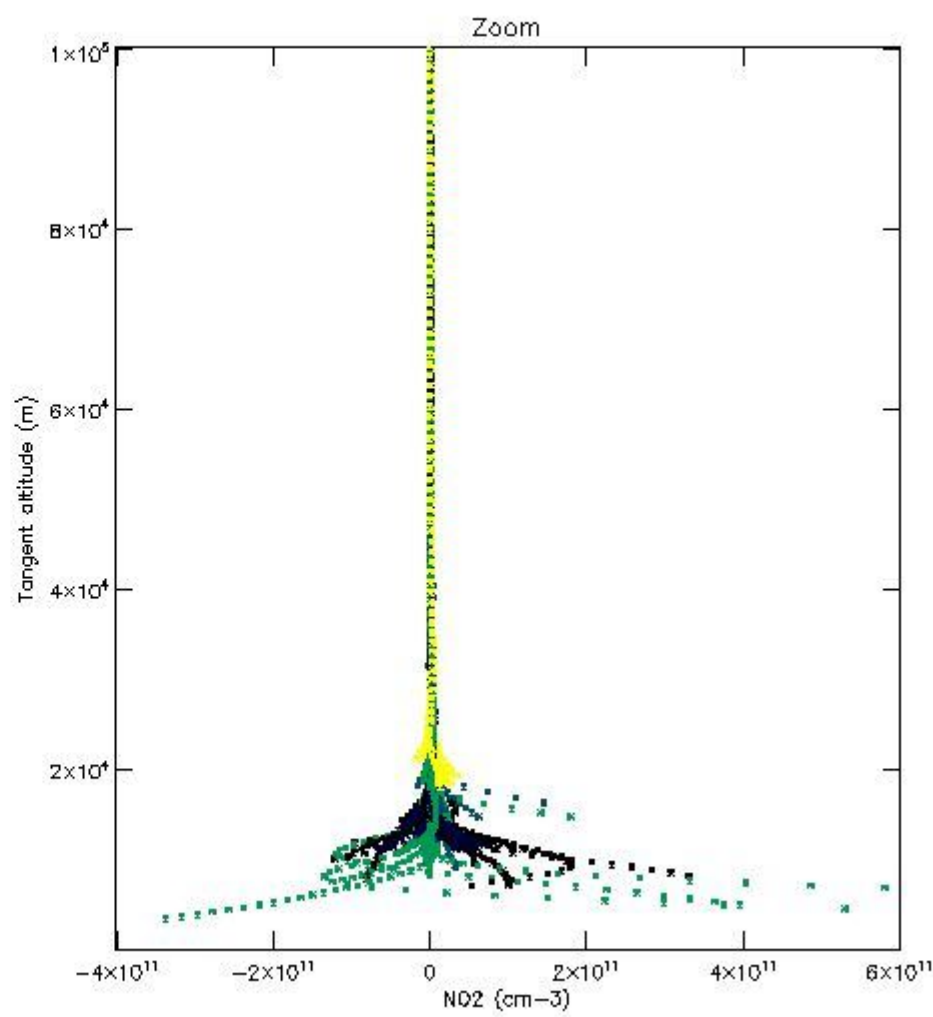
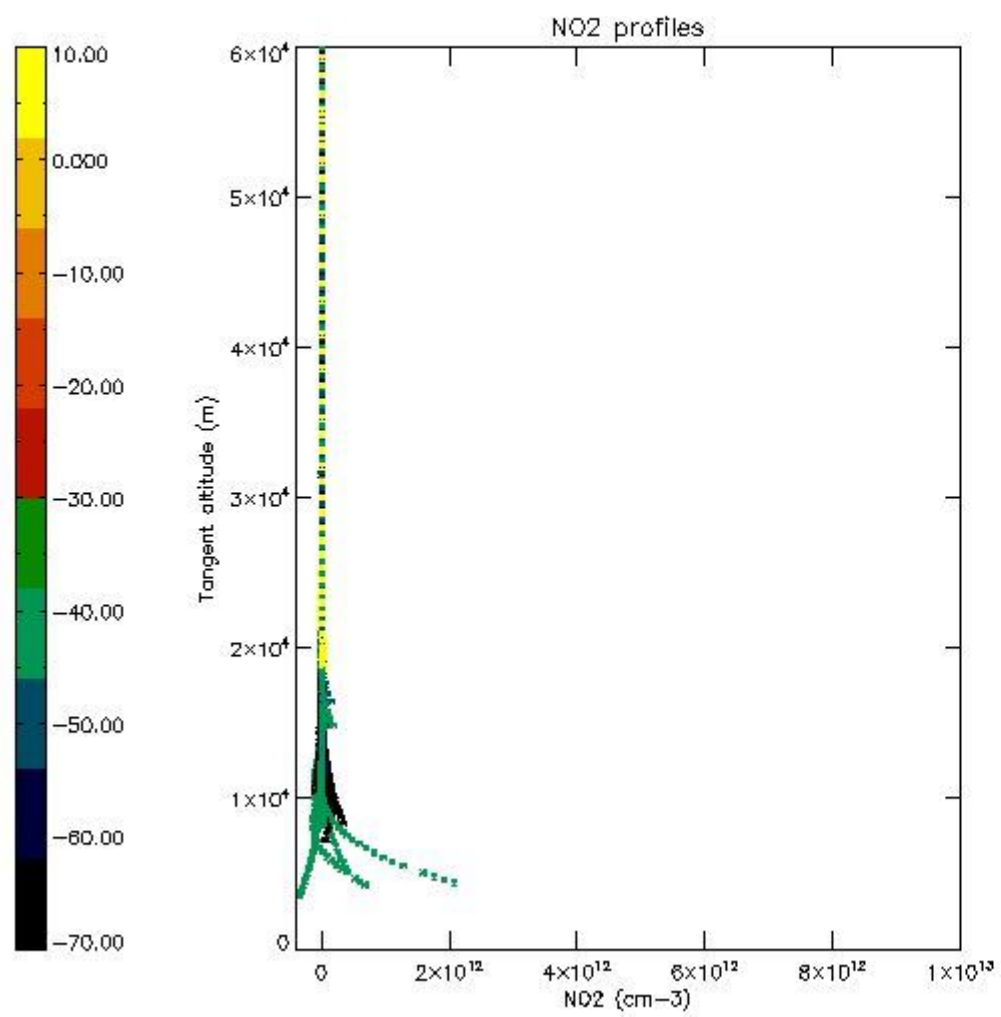
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



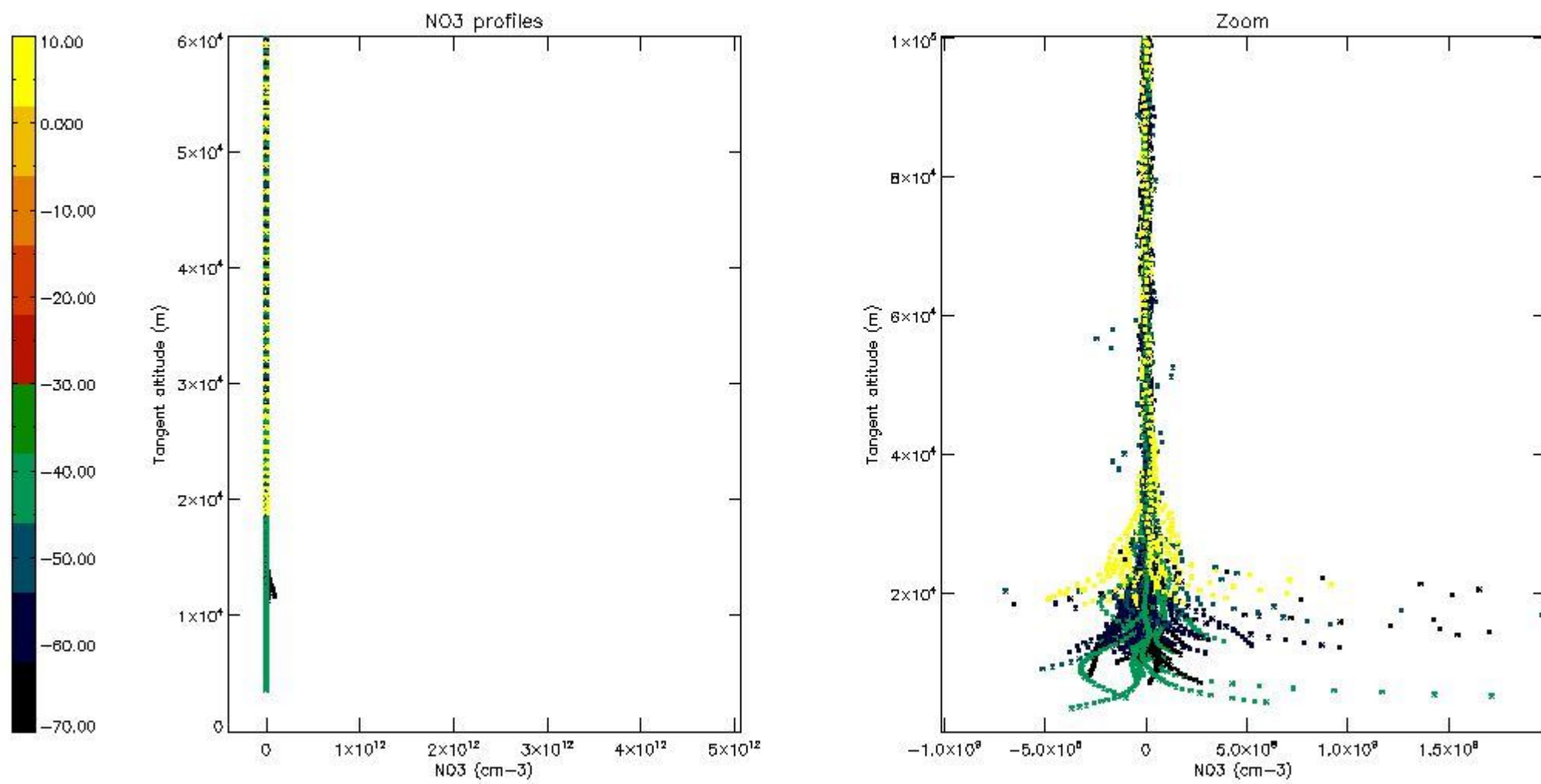
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



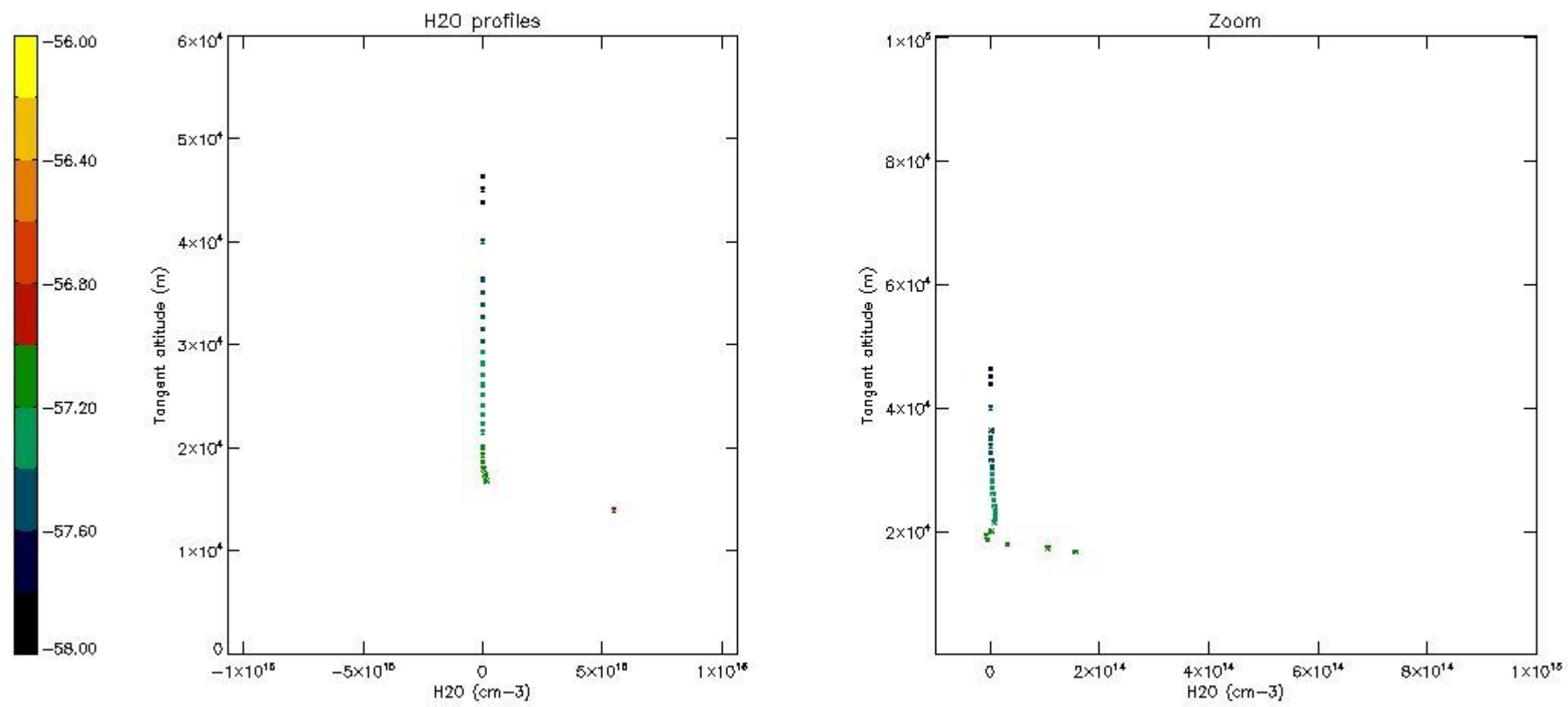
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

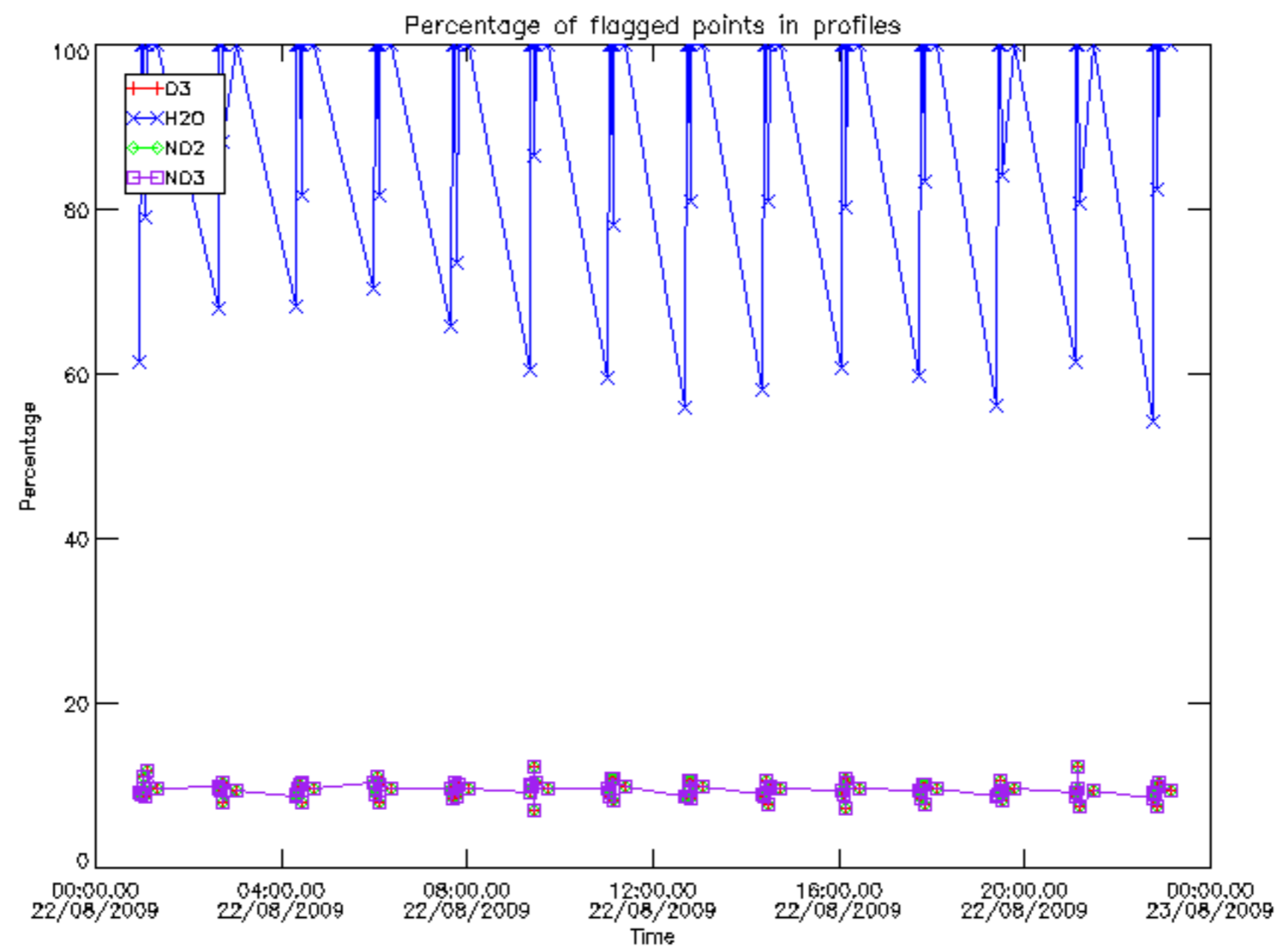
The colorbar represents the latitude.



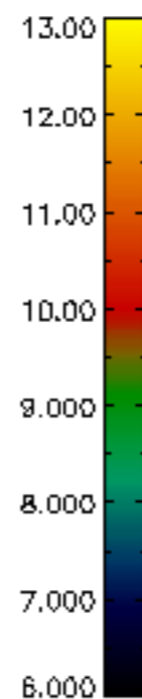
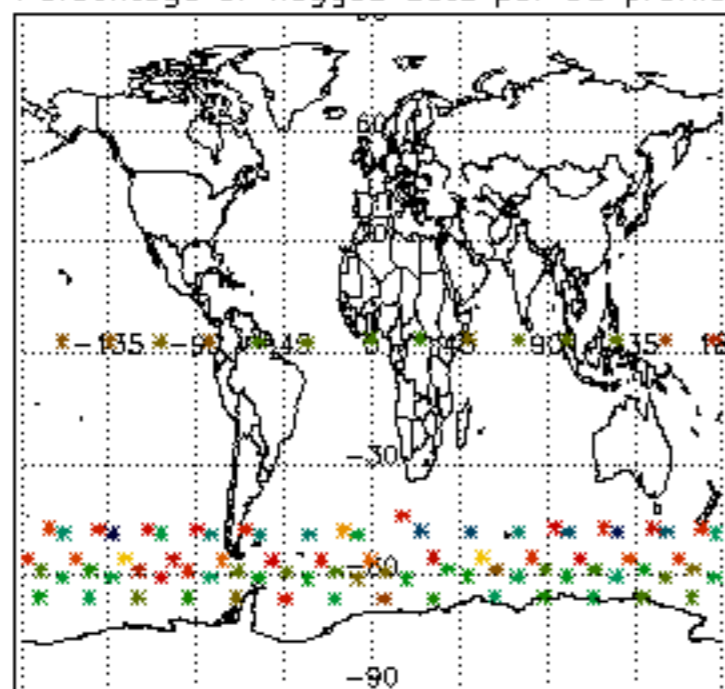
6. Auxiliary Data Files used for the production reported in section 2

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

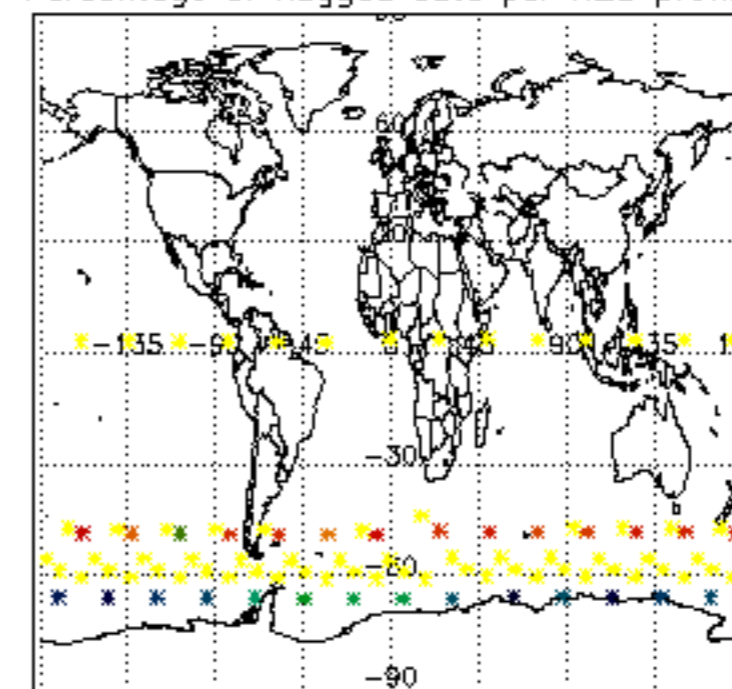
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-AUG-2009 00:06:07
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-AUG-2009 00:06:07
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-AUG-2009 00:06:07



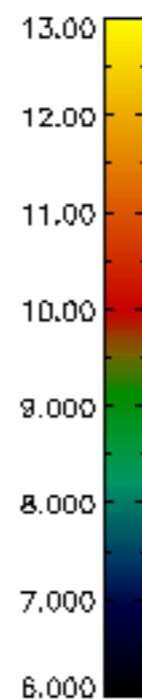
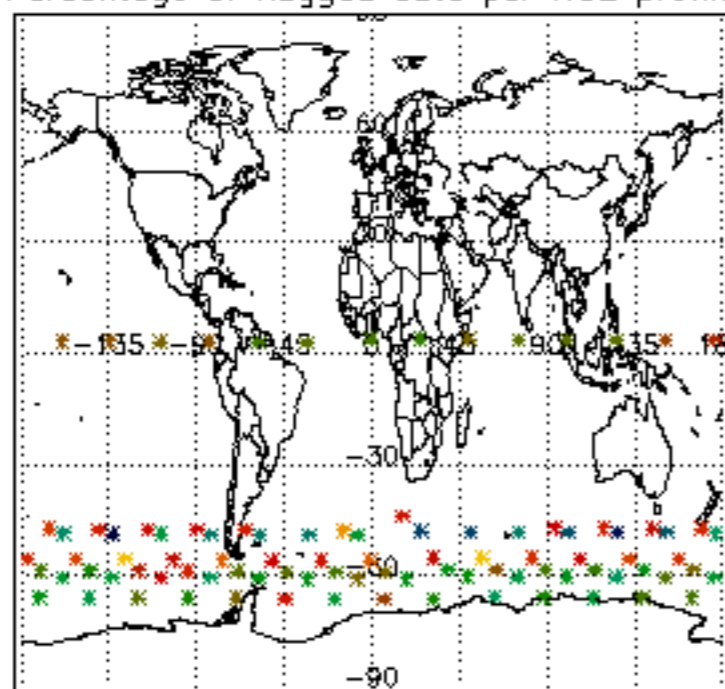
Percentage of flagged data per D3 profile



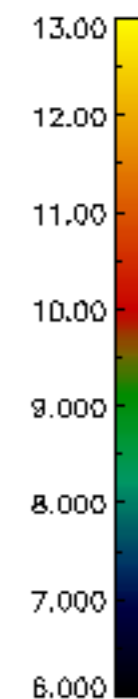
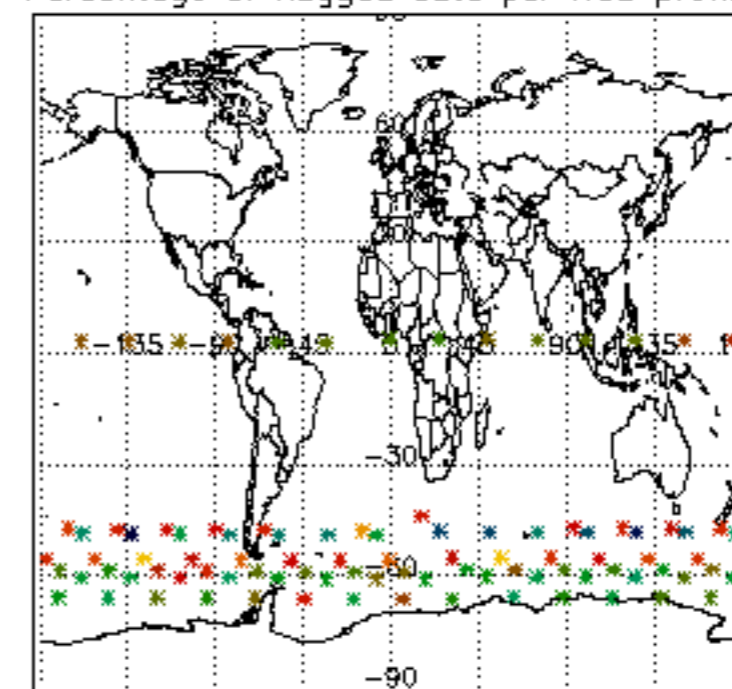
Percentage of flagged data per H2O profile

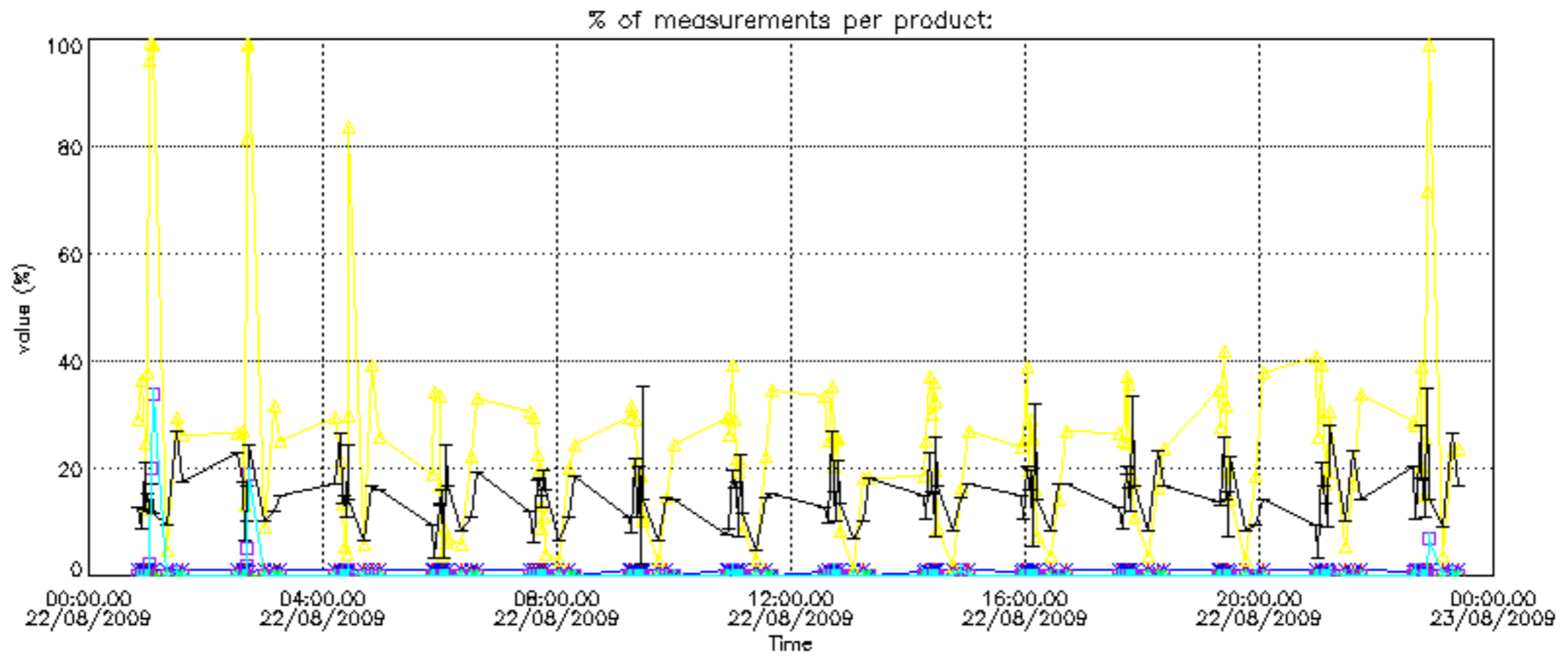


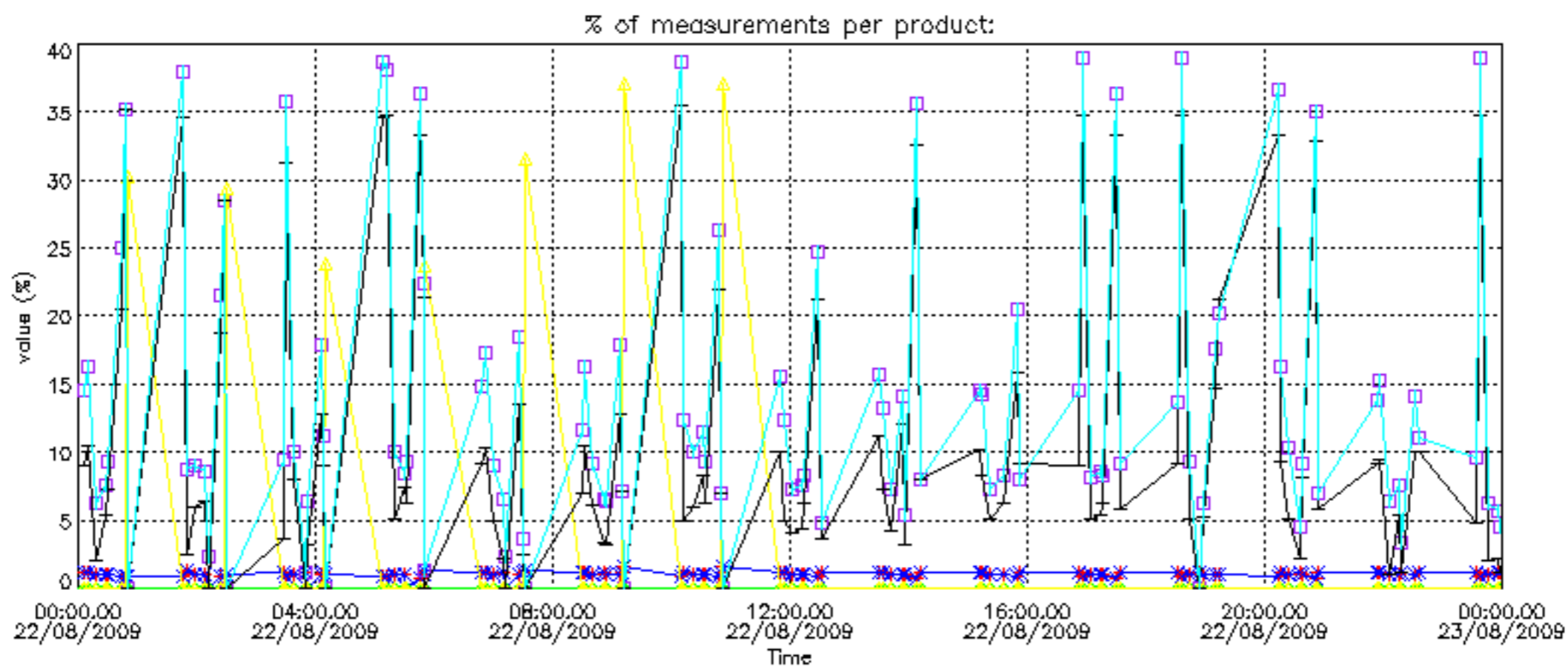
Percentage of flagged data per NO2 profile



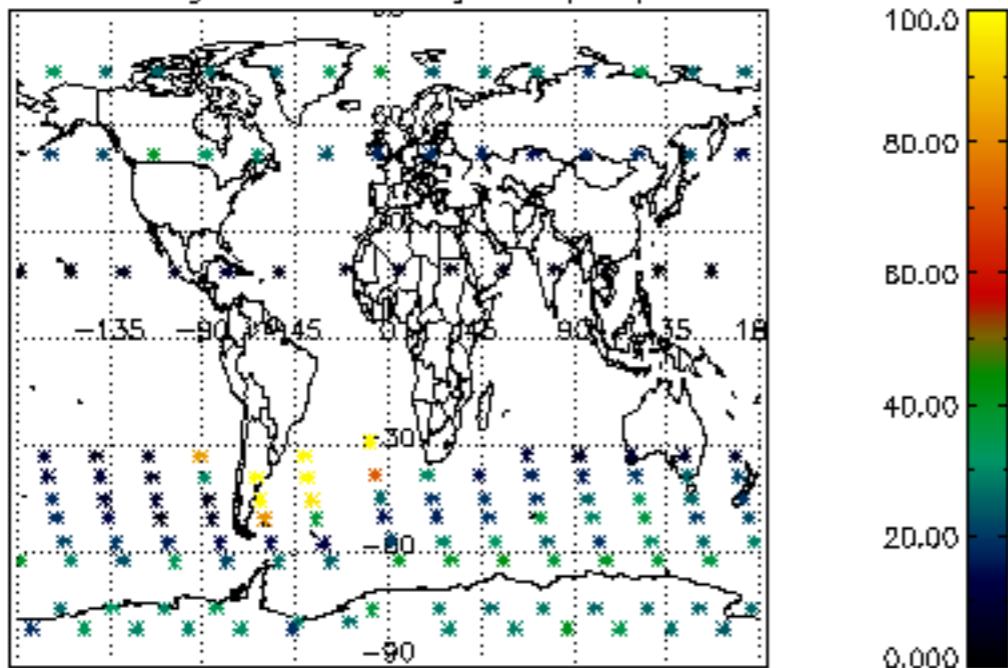
Percentage of flagged data per NO3 profile



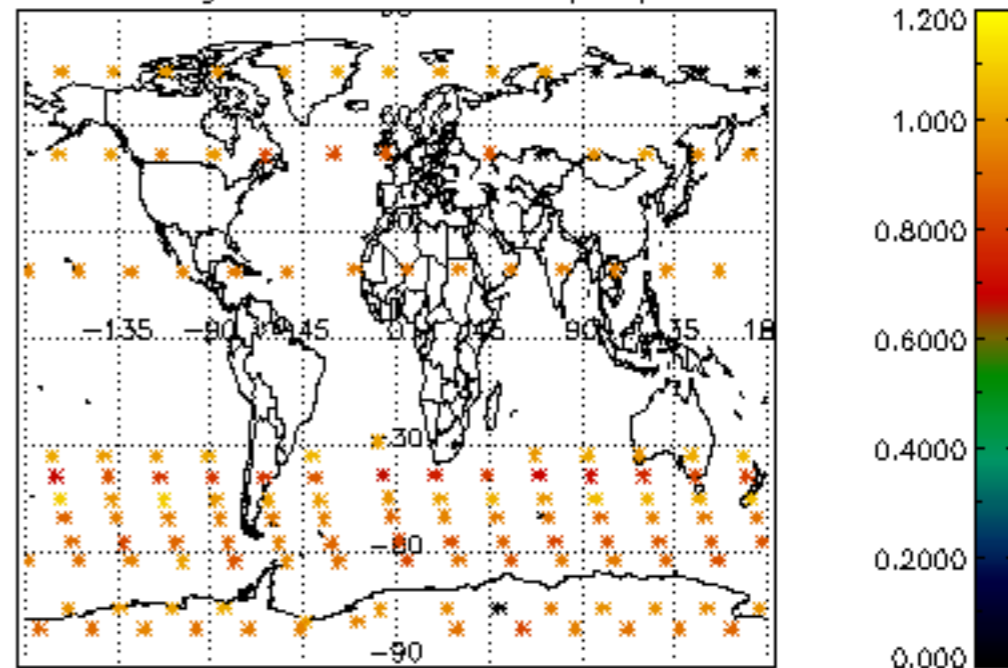




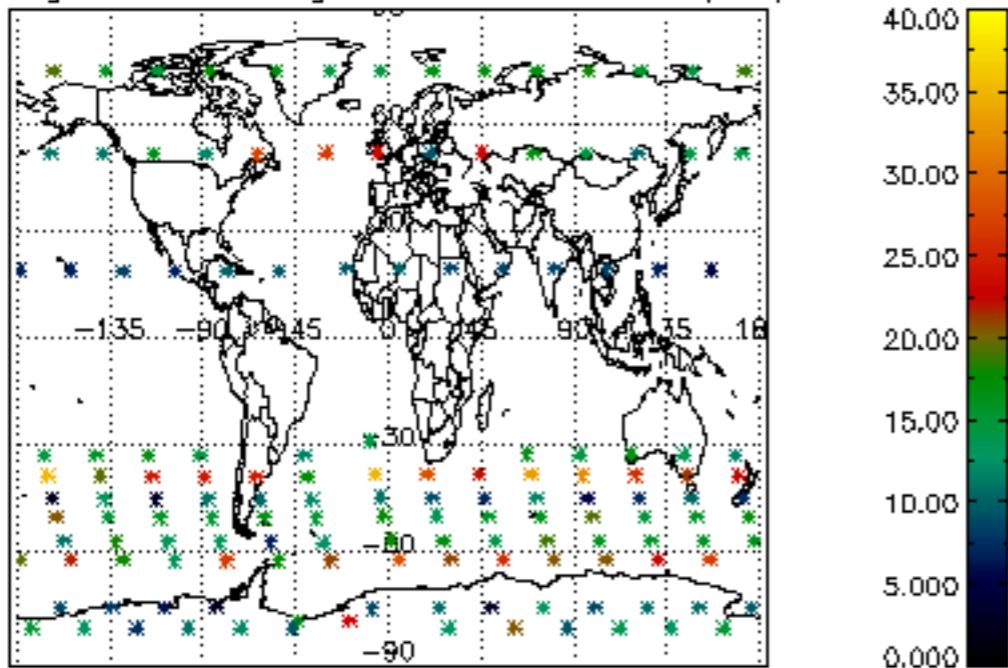
Percentage of cosmic ray hits per profile



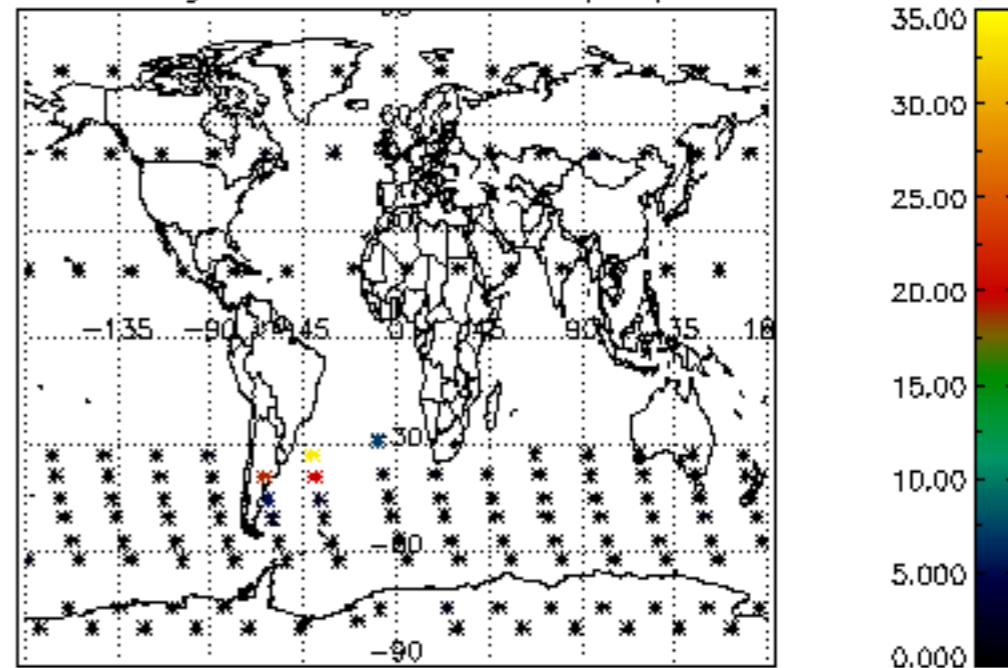
Percentage of datation errors per profile



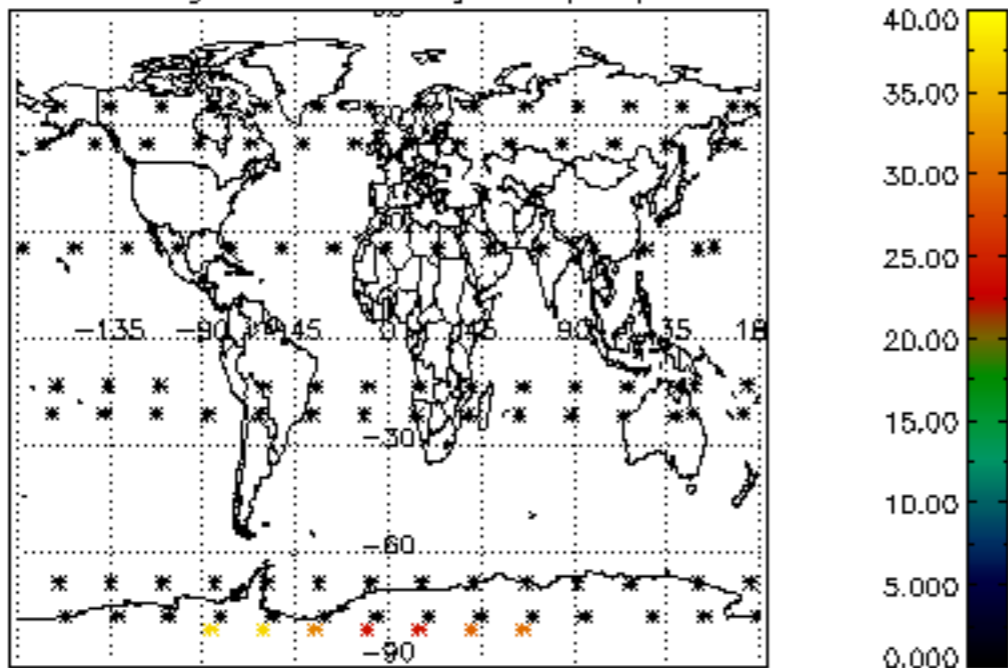
Percentage of star falling outside central band per profile



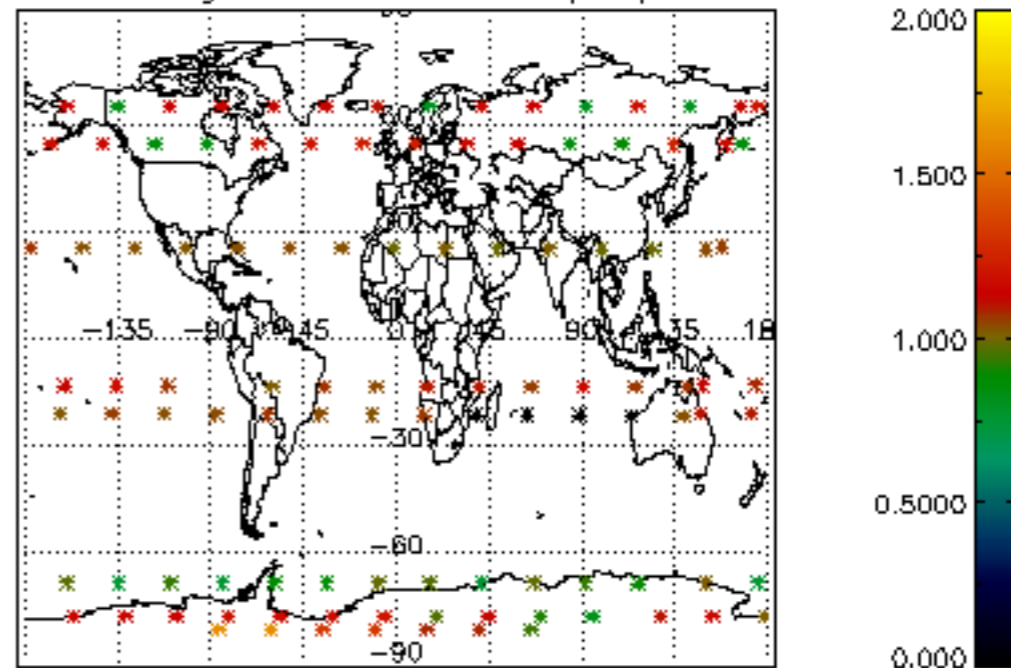
Percentage of saturation errors per profile



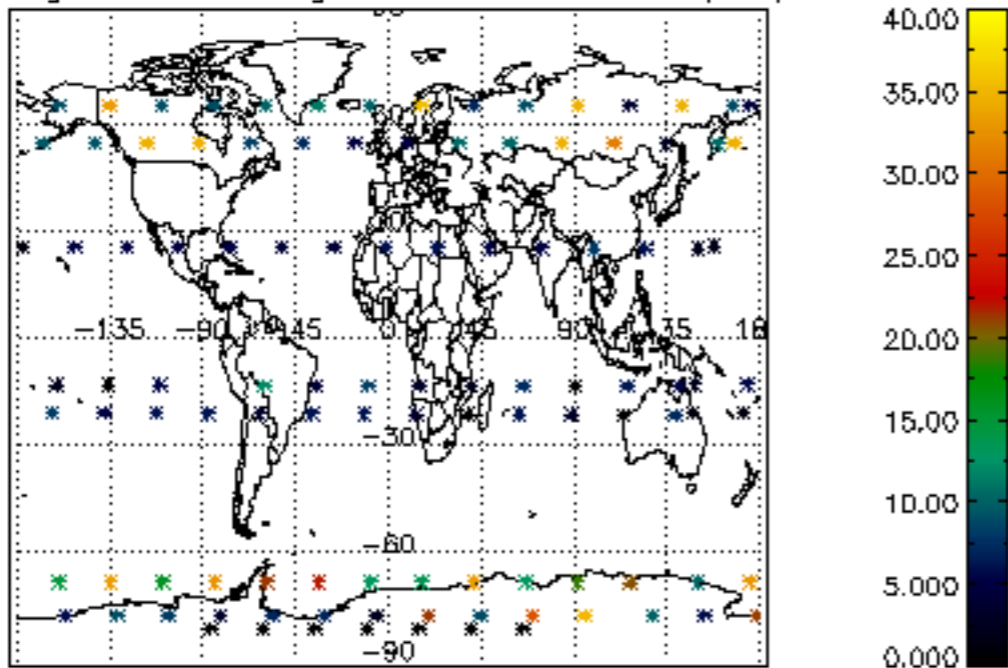
Percentage of cosmic ray hits per profile



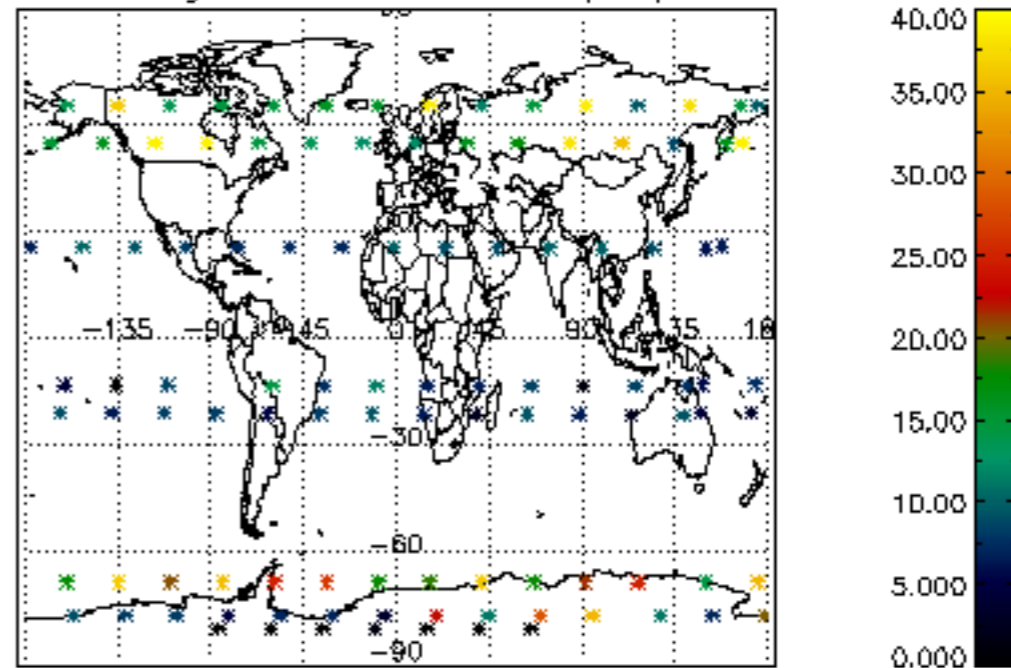
Percentage of datation errors per profile

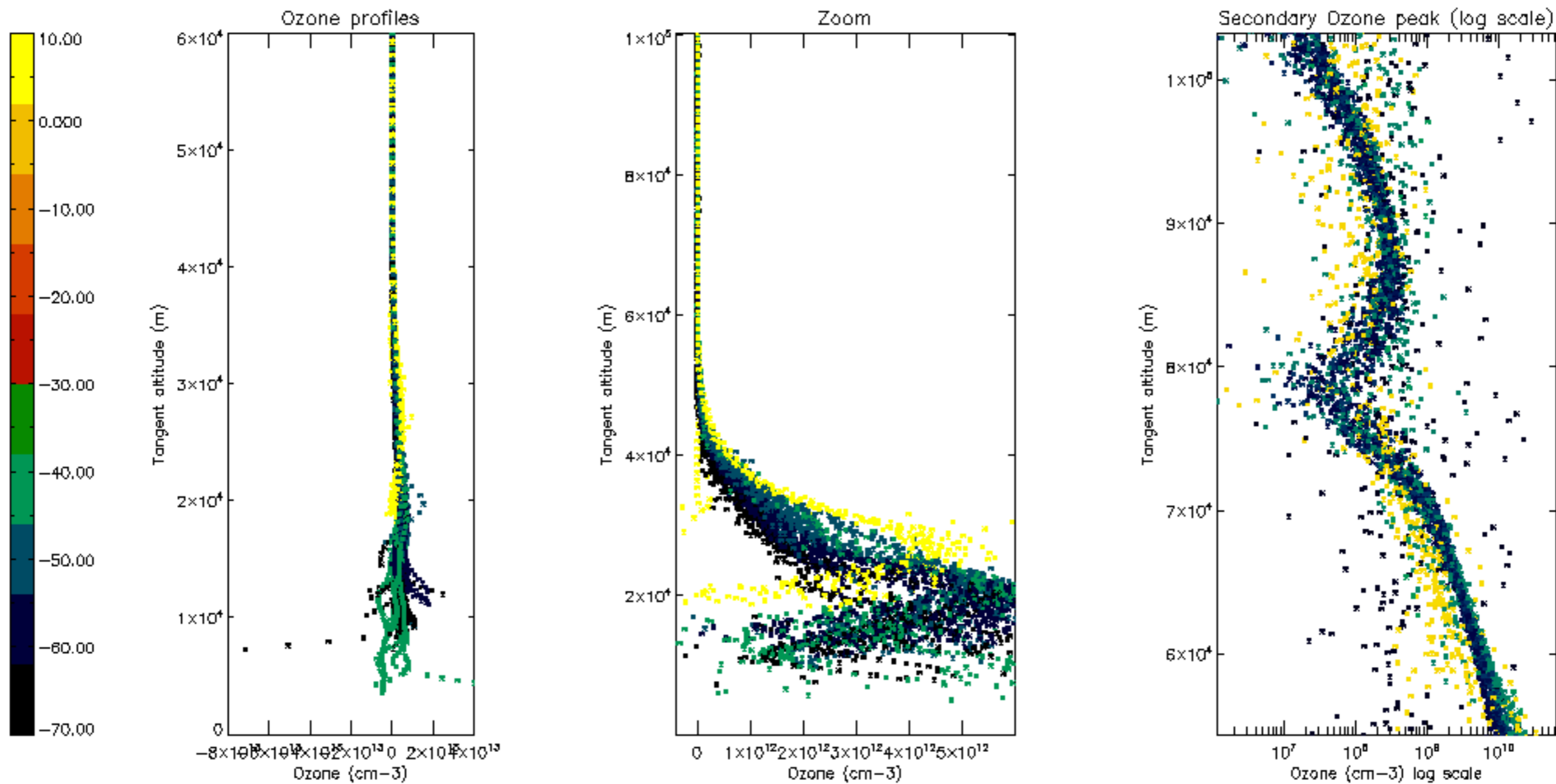


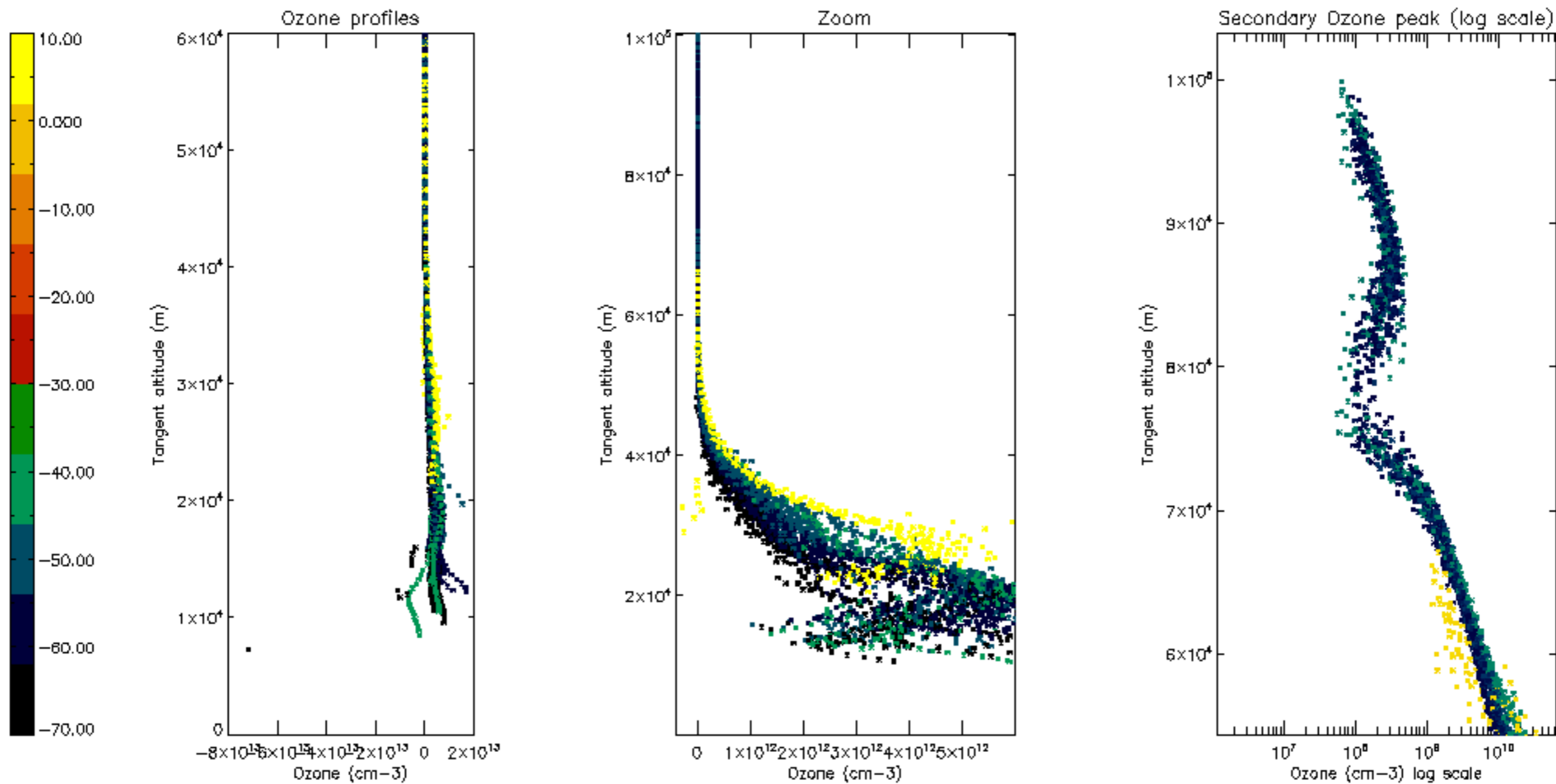
Percentage of star falling outside central band per profile

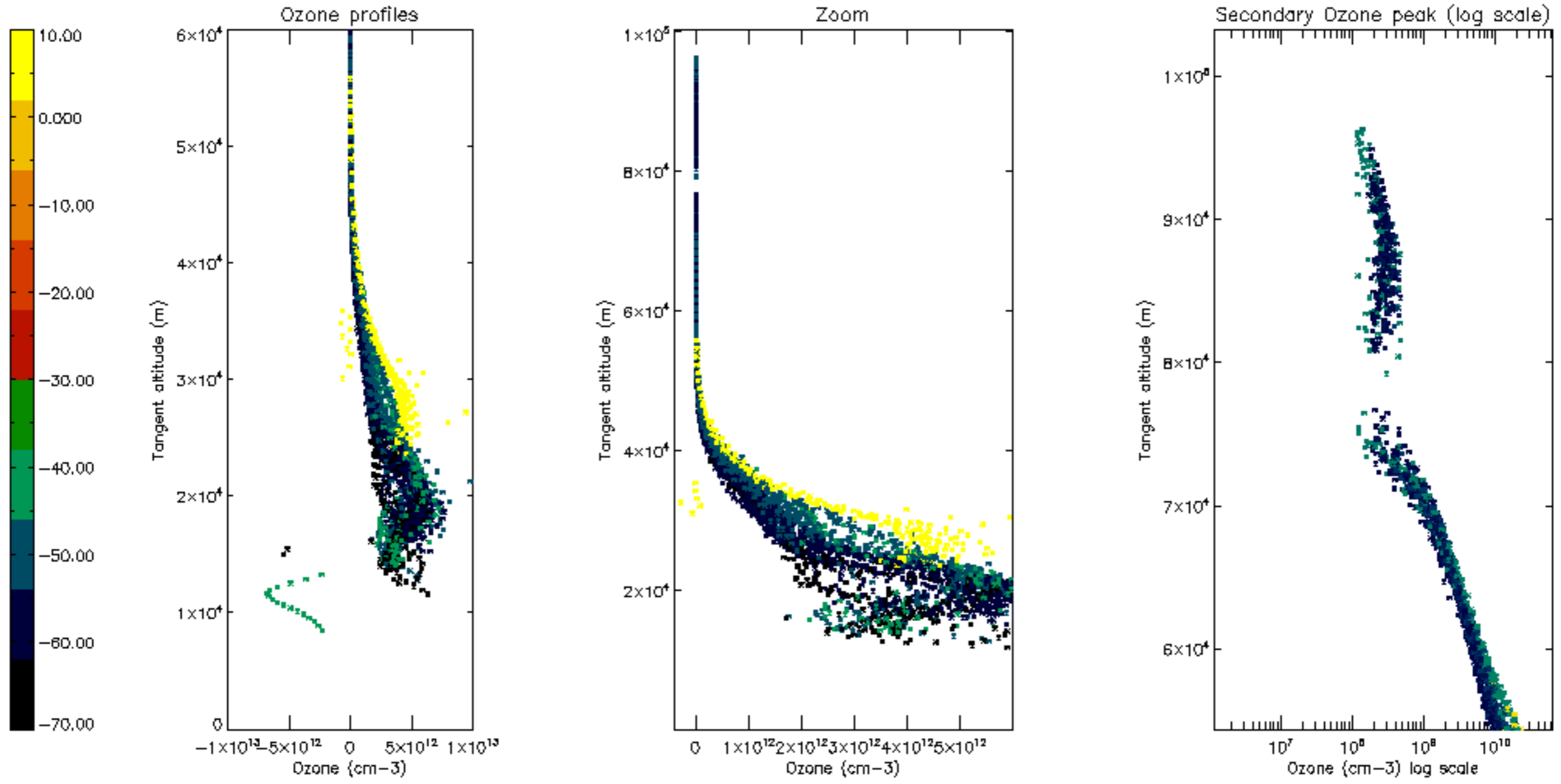


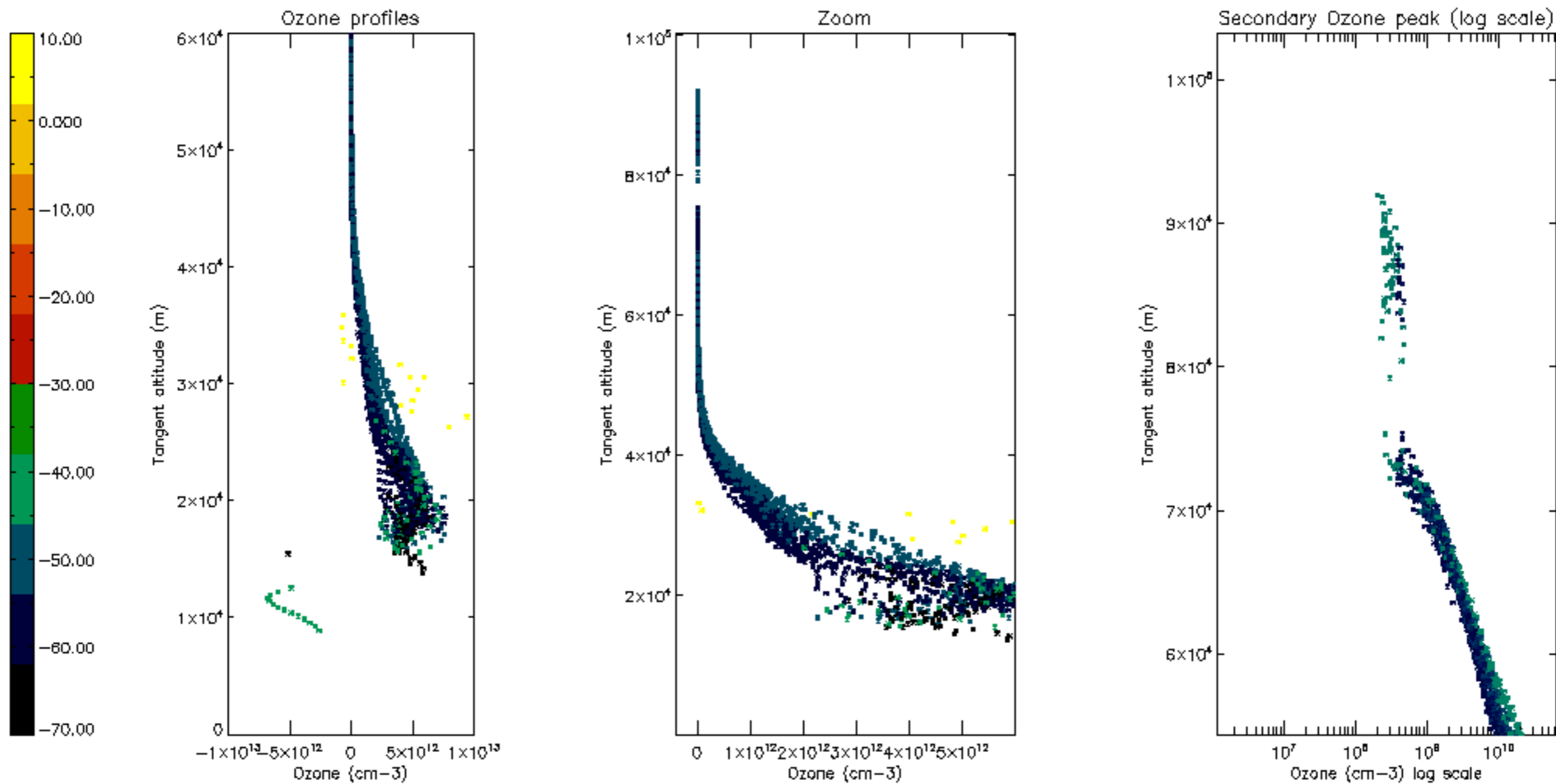
Percentage of saturation errors per profile

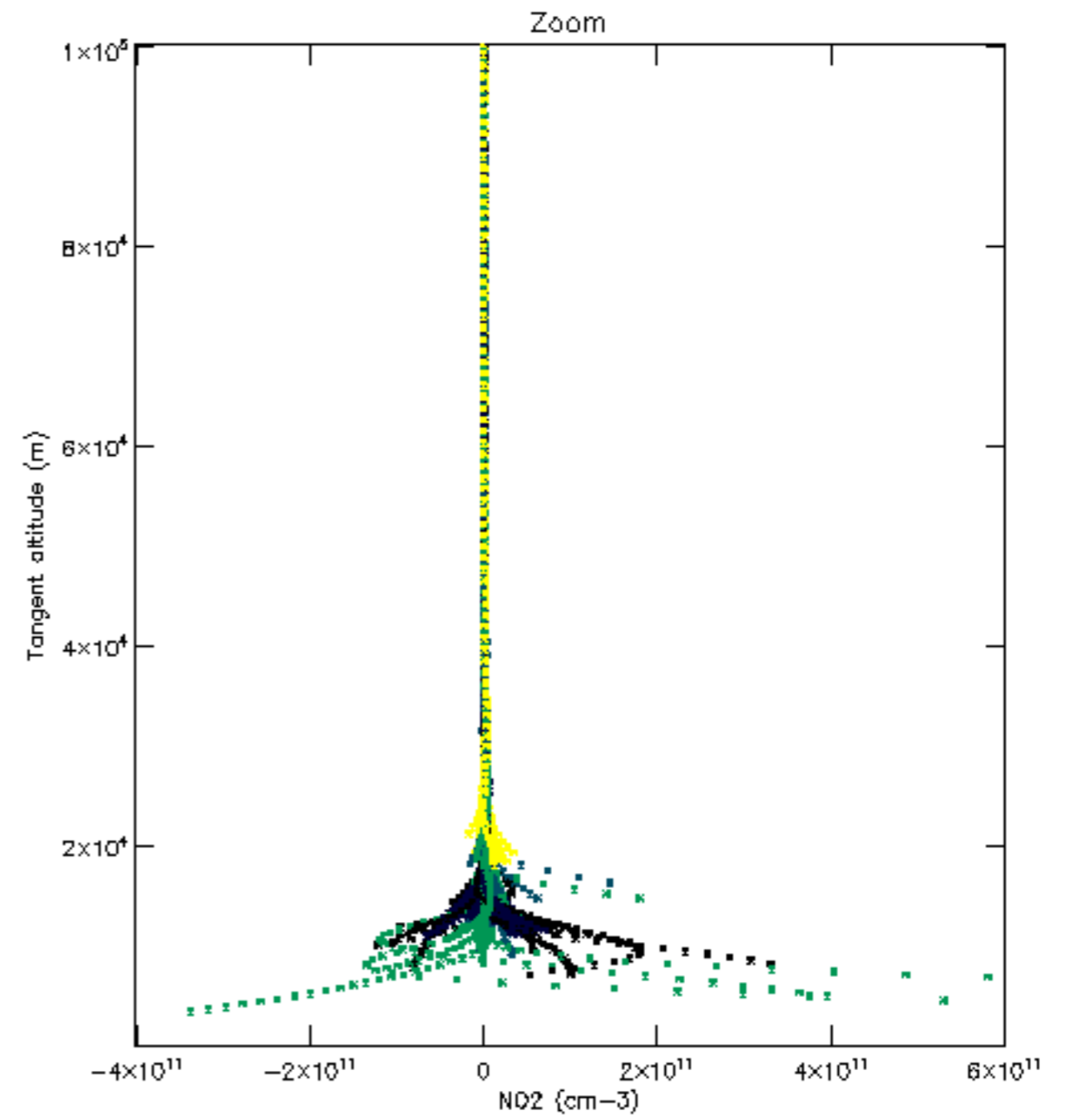
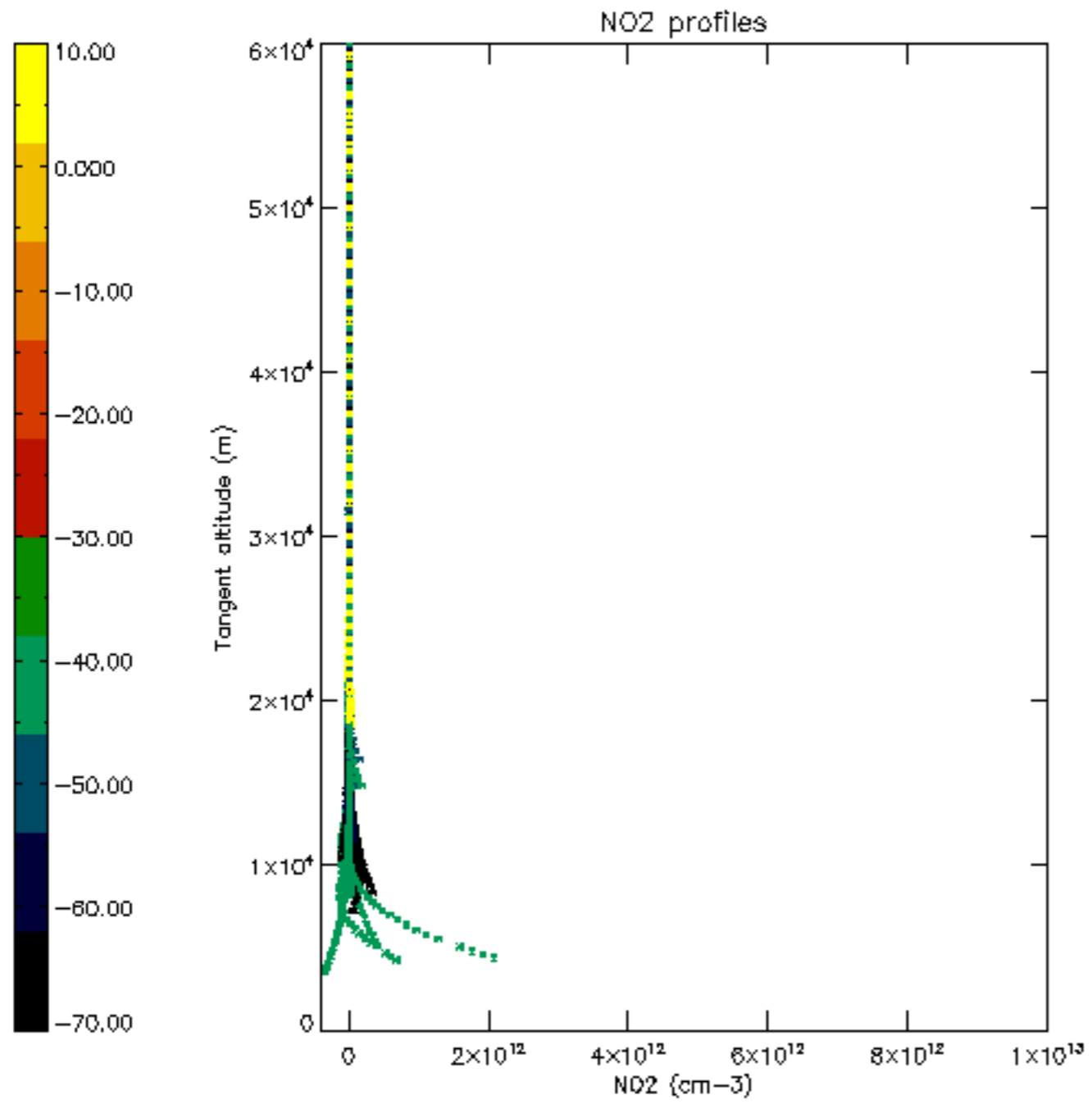


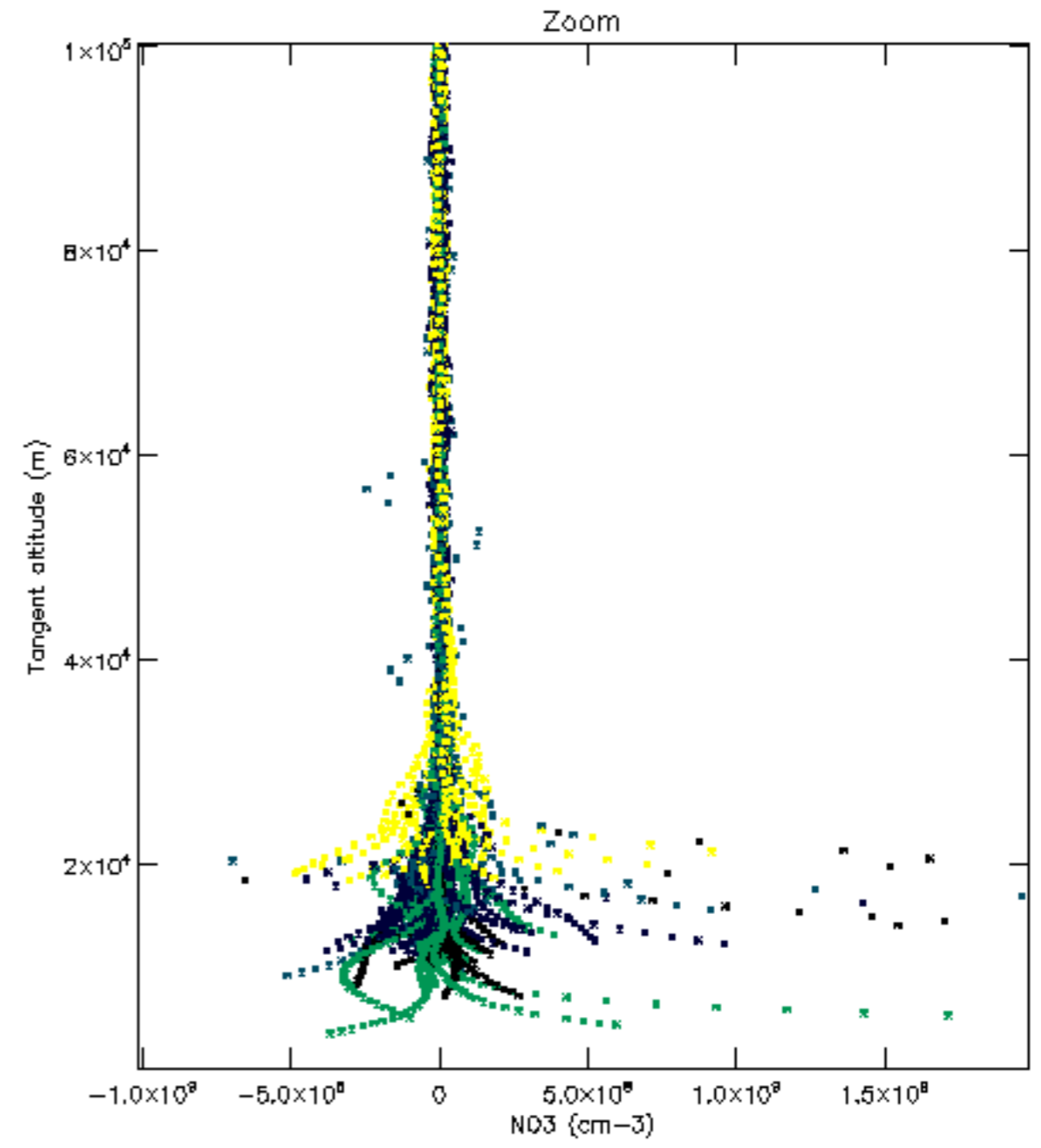
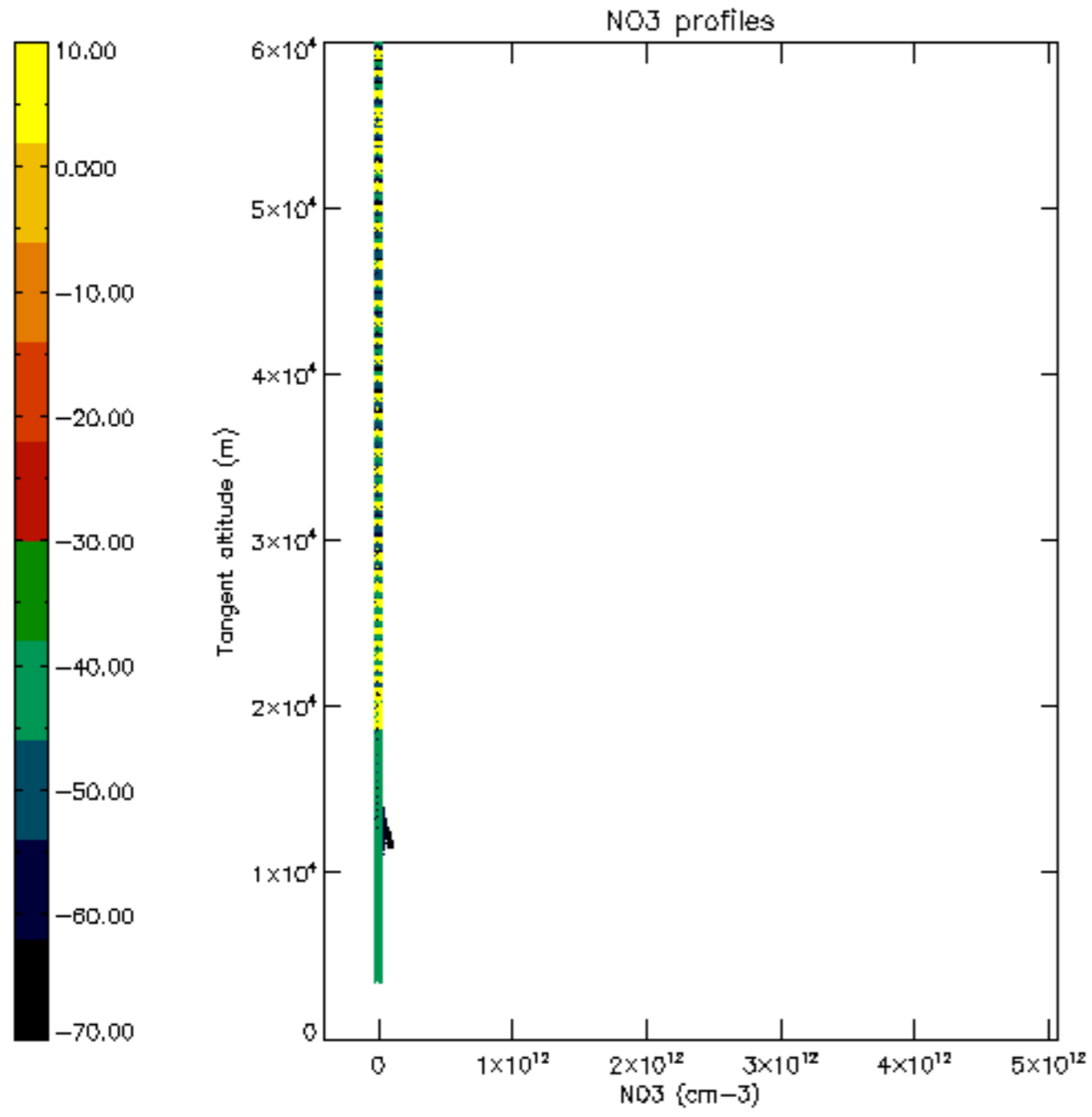


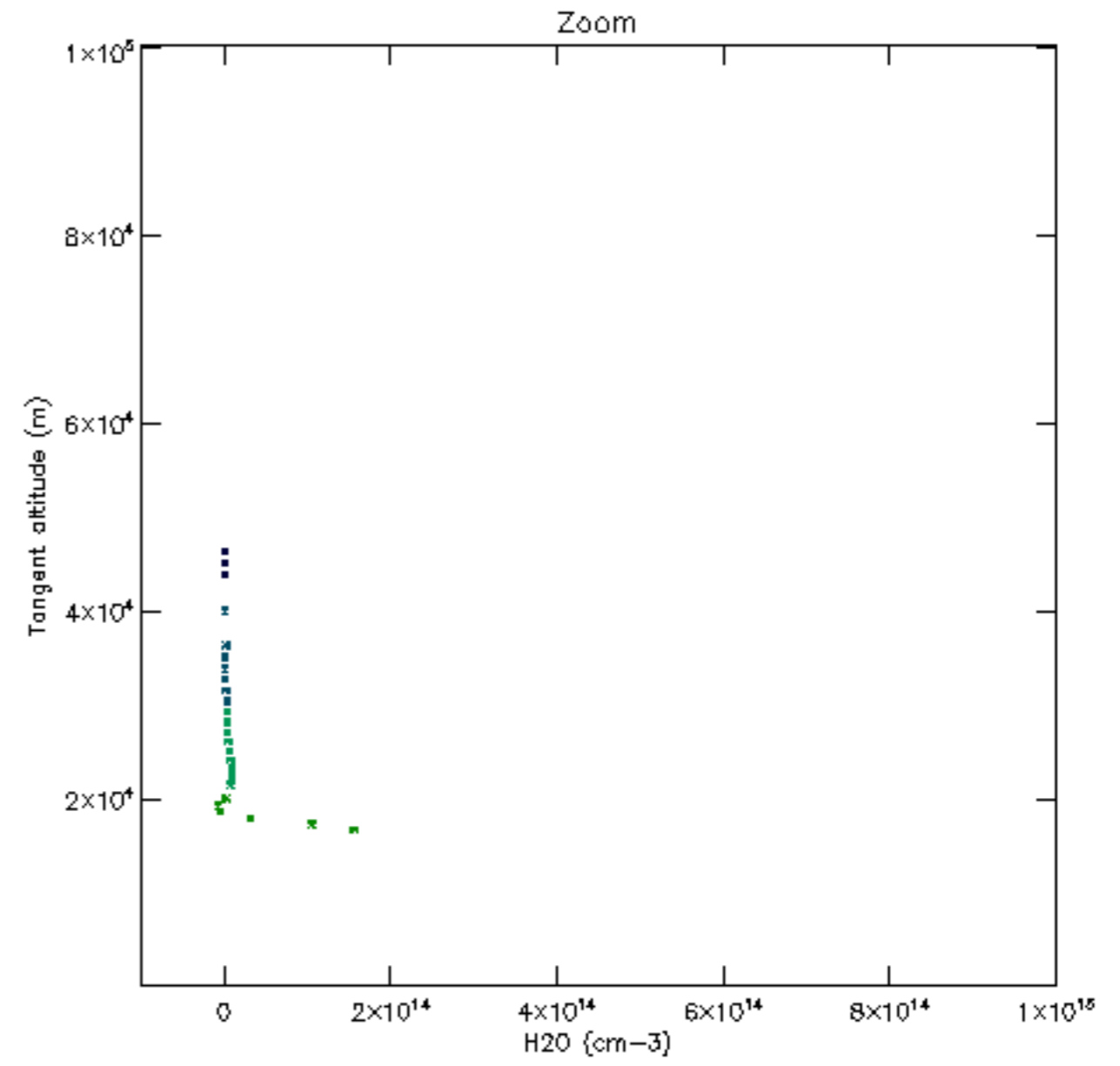
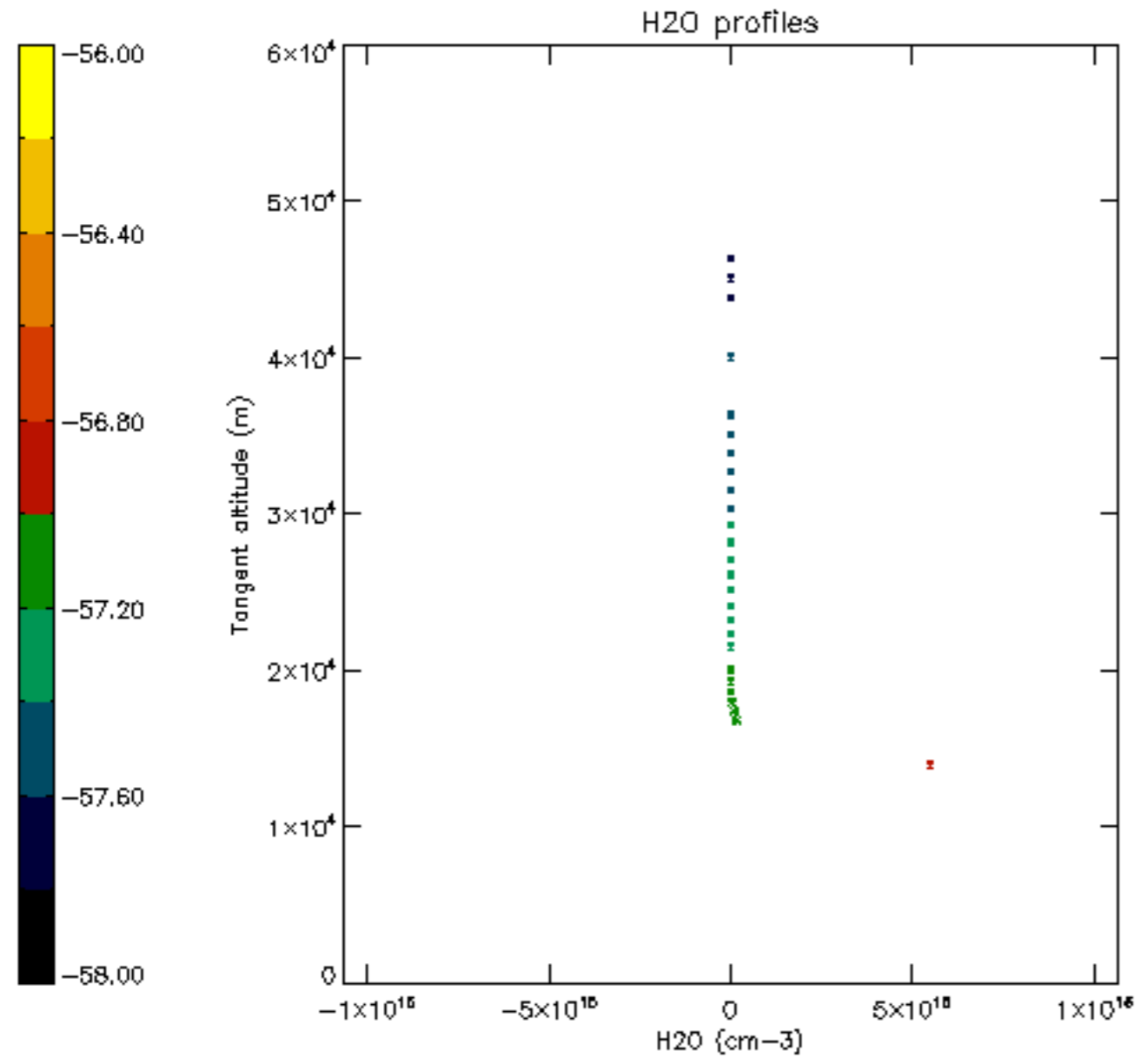


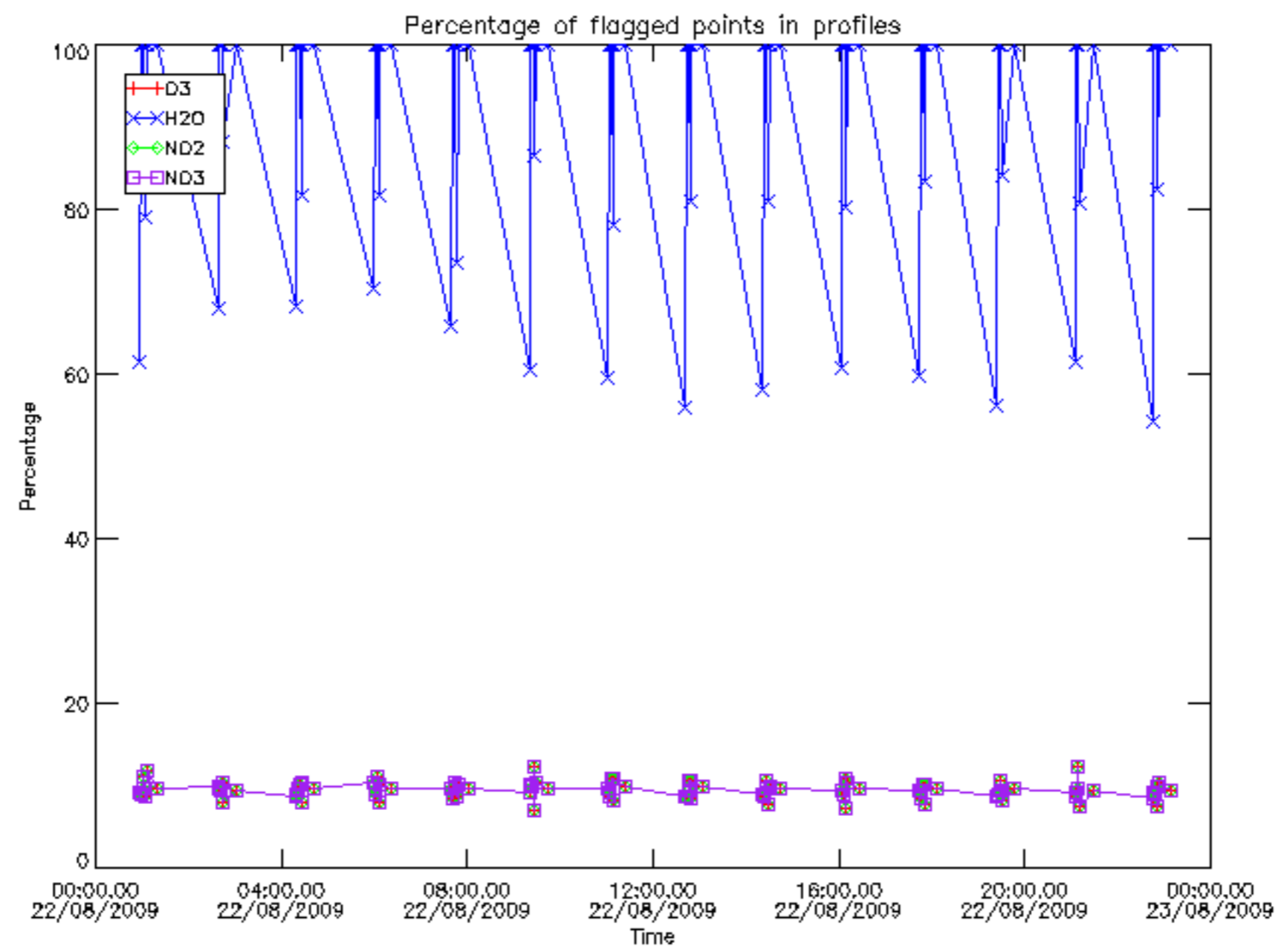




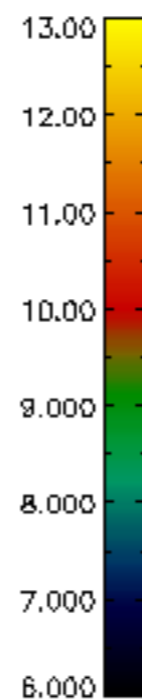
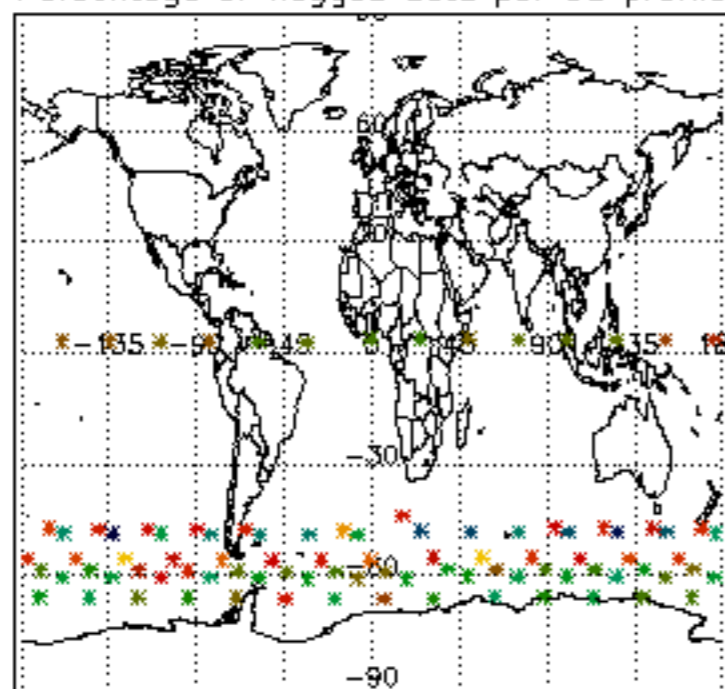




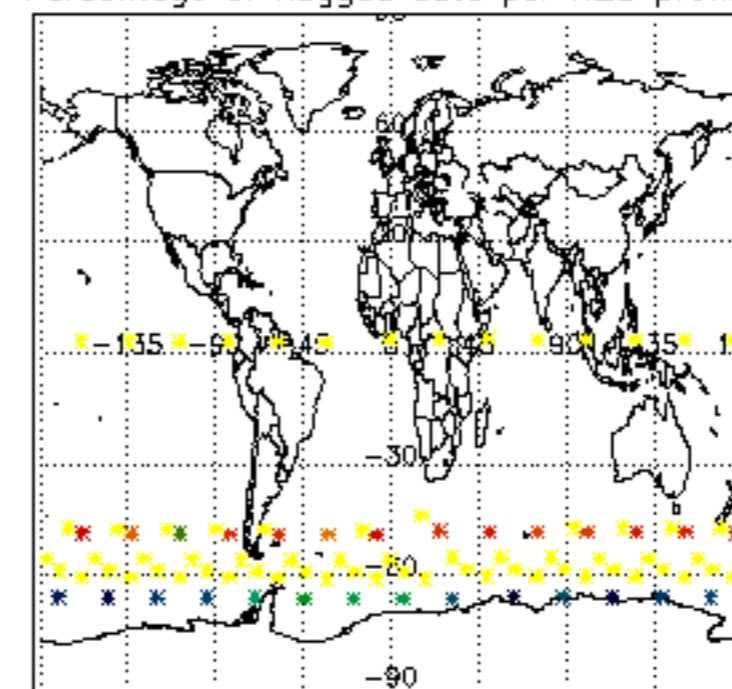




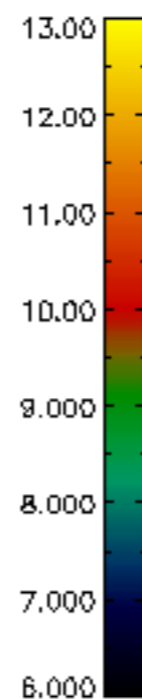
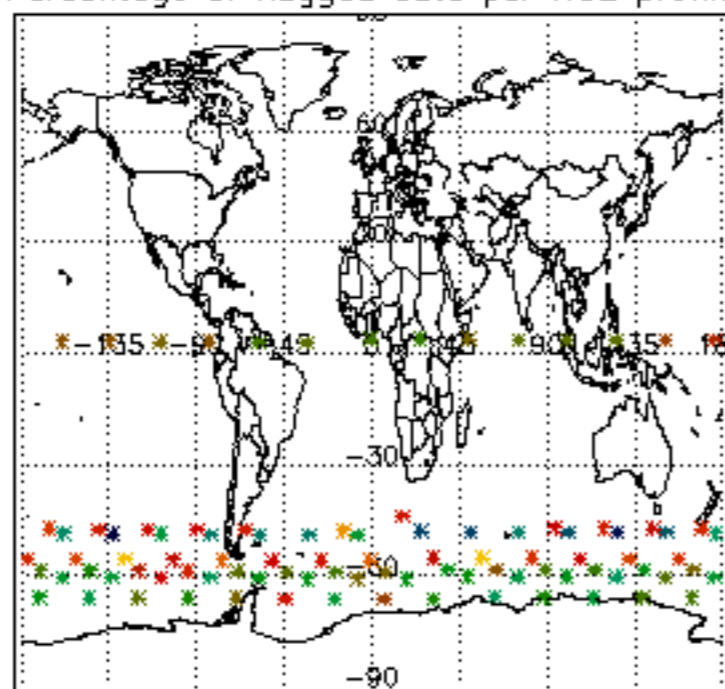
Percentage of flagged data per D3 profile



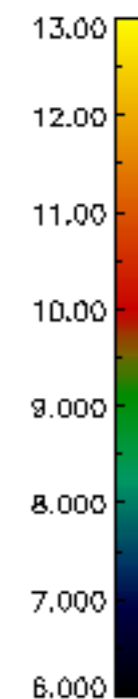
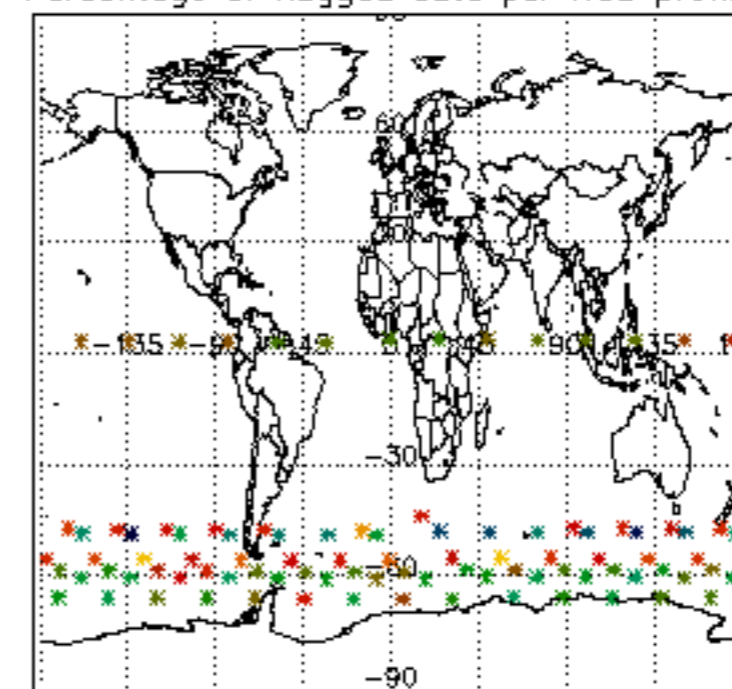
Percentage of flagged data per H2O profile

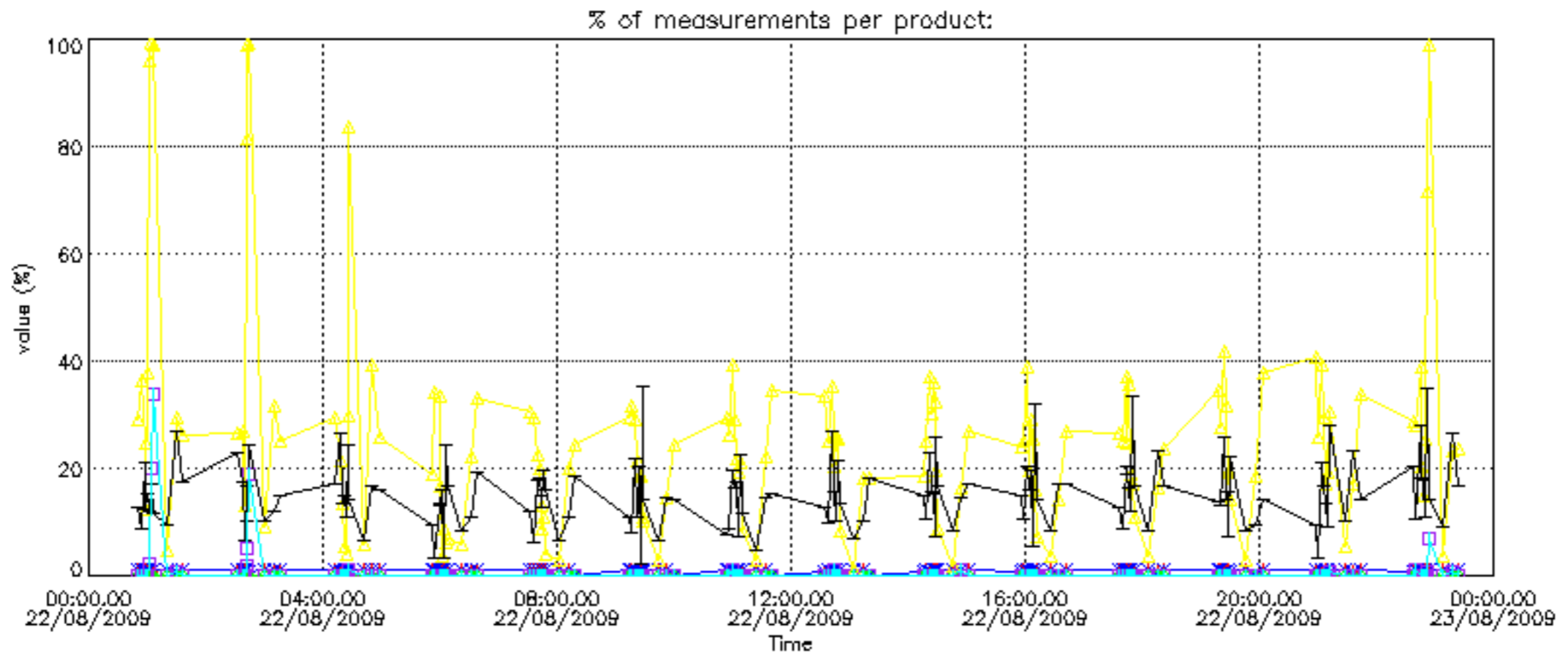


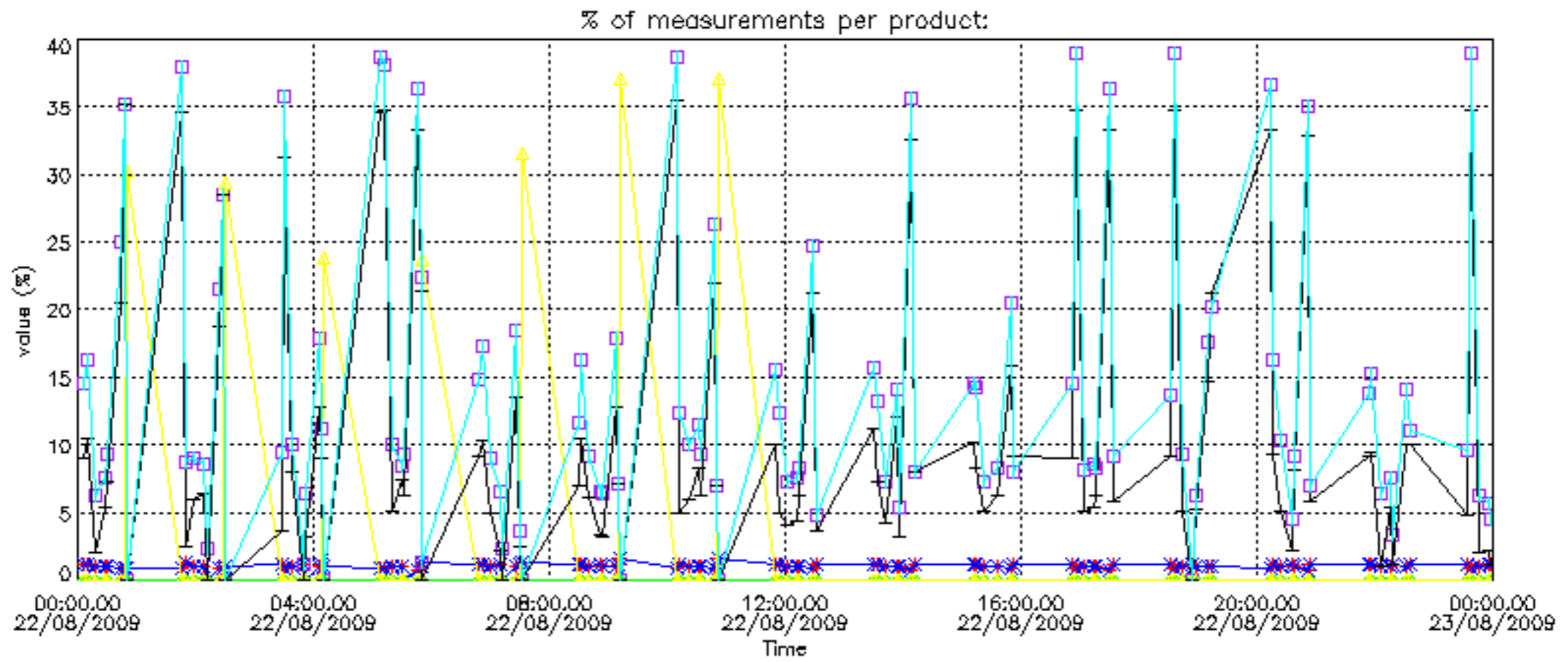
Percentage of flagged data per NO2 profile



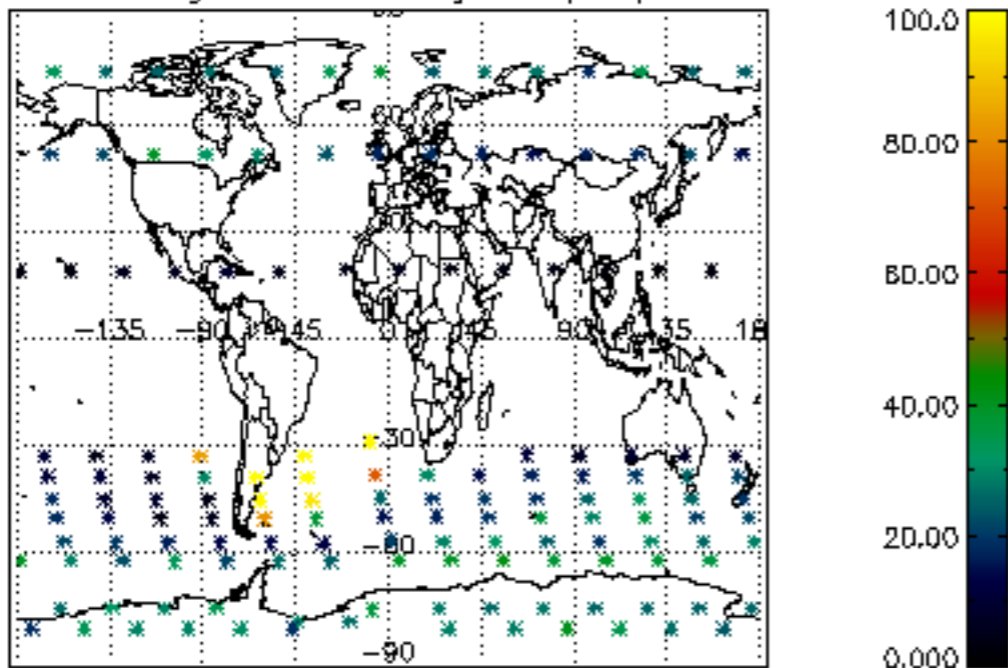
Percentage of flagged data per NO3 profile



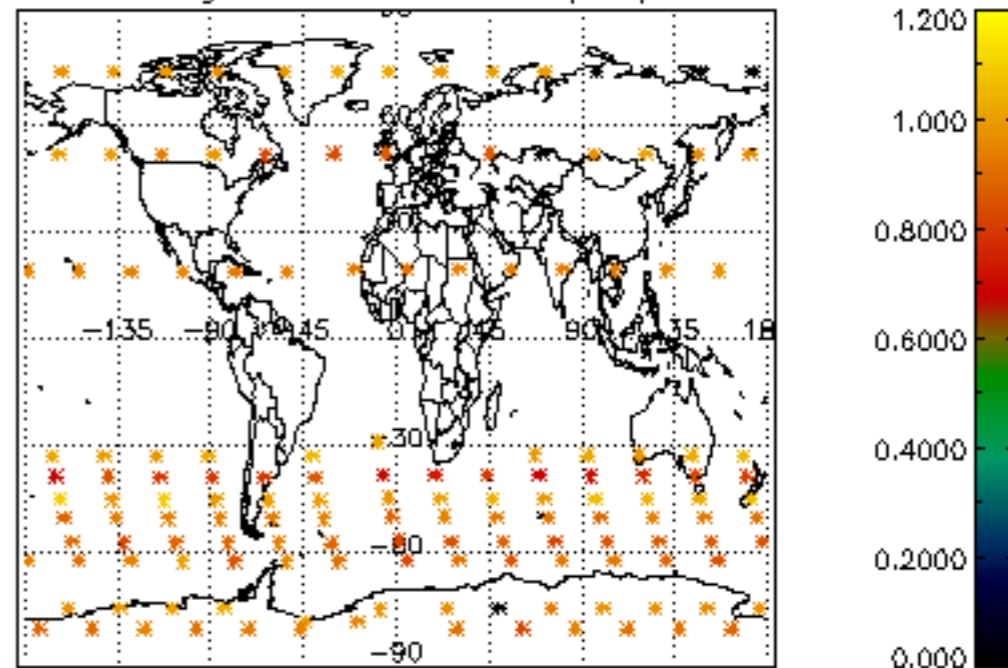




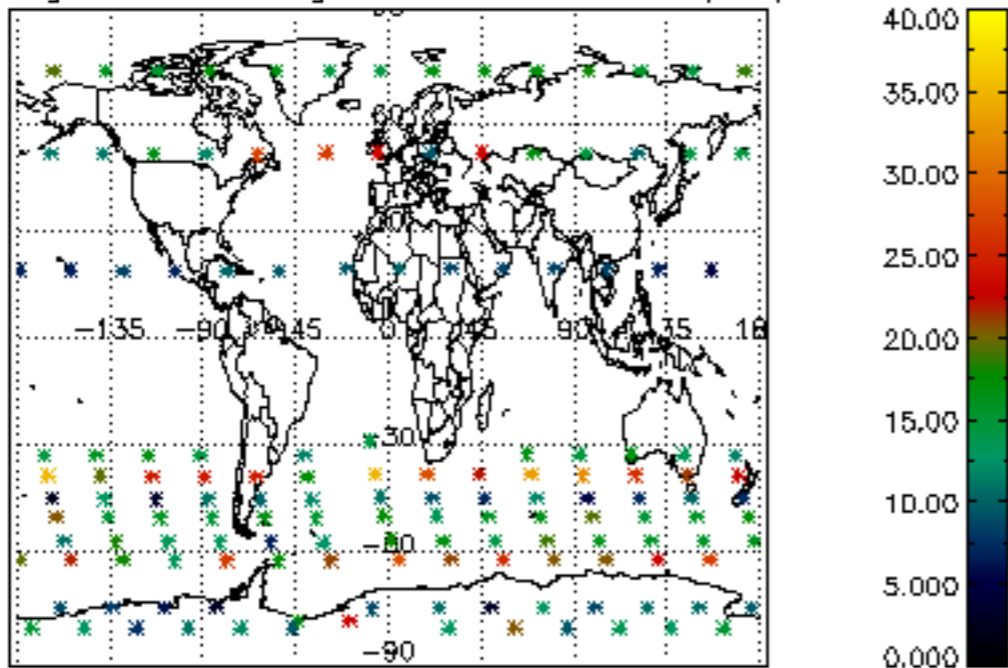
Percentage of cosmic ray hits per profile



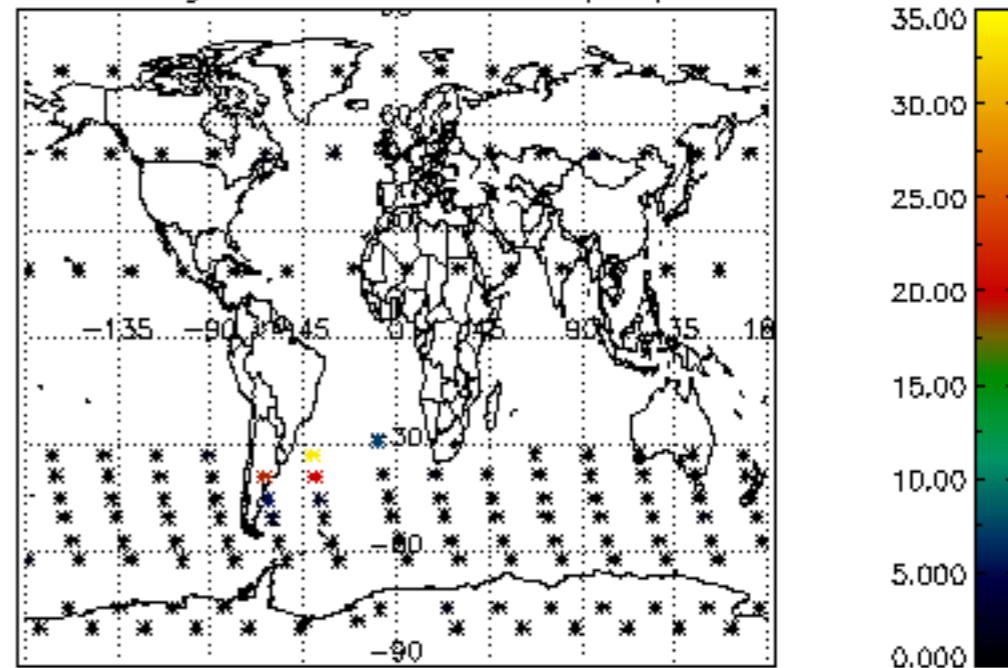
Percentage of datation errors per profile



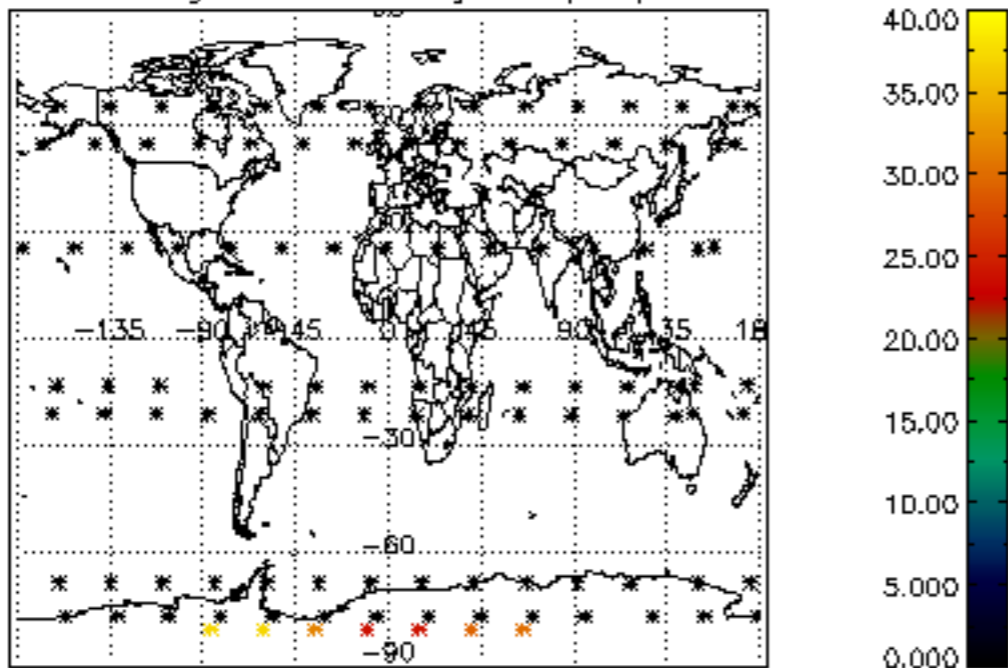
Percentage of star falling outside central band per profile



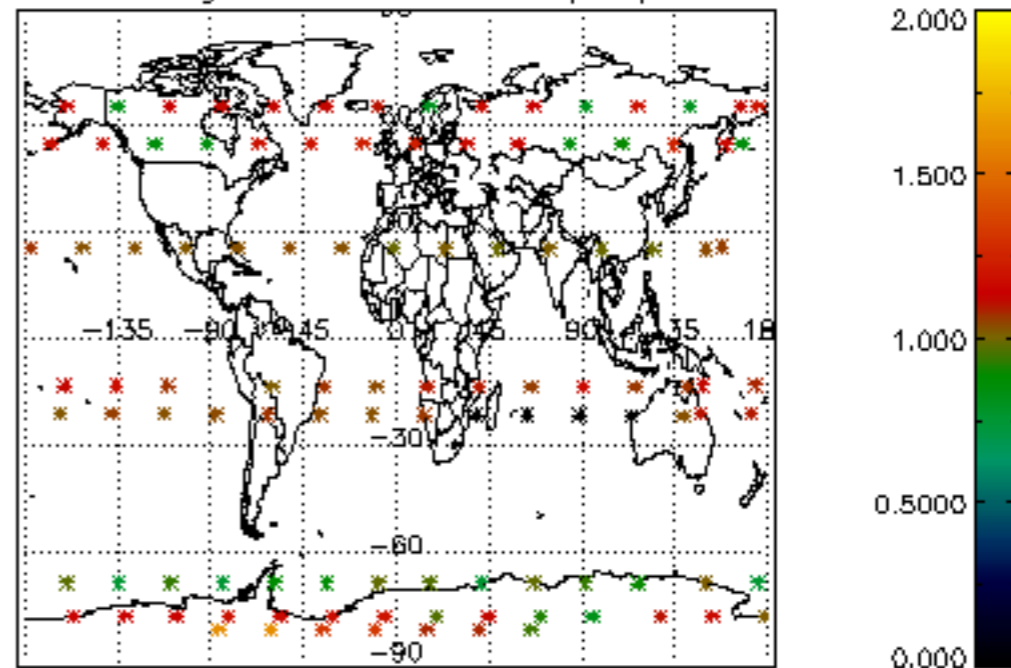
Percentage of saturation errors per profile



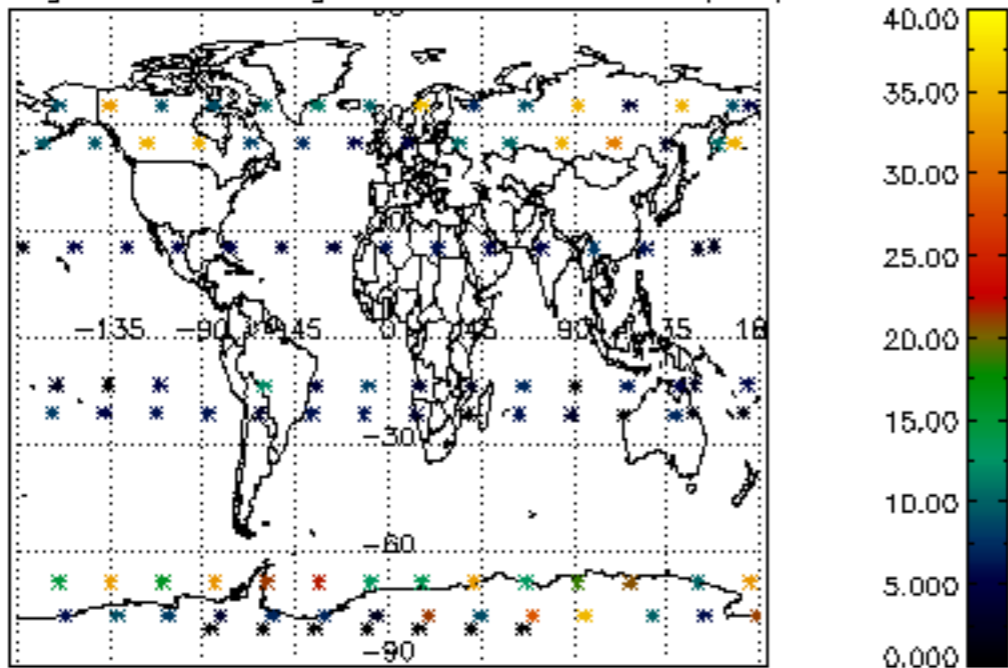
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

