

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 \(time dependant\)](#)

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

[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 11:29:50
Data source version	GOMOS/6.01
Start time of products	06-08-2009 (06AUG2009 00:00:00)
Stop time of products	07-08-2009 (07AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	274
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__2PRFIN20090806_011837_000000482081_00232_38863_6120.N1	06-AUG-2009 01:18:37	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38863	No
2	GOM_NL__2PRFIN20090806_012857_000000632081_00232_38863_6121.N1	06-AUG-2009 01:28:57	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	38863	No
3	GOM_NL__2PRFIN20090806_013241_000000512081_00232_38863_6122.N1	06-AUG-2009 01:32:41	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	38863	No
4	GOM_NL__2PRFIN20090806_013729_000000602081_00232_38863_6123.N1	06-AUG-2009 01:37:29	Twilight_and_stray	59.500	18	24Alp PsA	1.1660	9700.0	119	38863	No
5	GOM_NL__2PRFIN20090806_014406_000000482081_00232_38863_6124.N1	06-AUG-2009 01:44:06	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38863	No
6	GOM_NL__2PRFIN20090806_014800_000000482081_00232_38863_6125.N1	06-AUG-2009 01:48:00	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38863	No
7	GOM_NL__2PRFIN20090806_020015_000000412081_00232_38863_6126.N1	06-AUG-2009 02:00:15	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38863	No
8	GOM_NL__2PRFIN20090806_020325_000000412081_00232_38863_6127.N1	06-AUG-2009 02:03:25	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38863	No
9	GOM_NL__2PRFIN20090806_020851_000000352081_00232_38863_6128.N1	06-AUG-2009 02:08:51	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	38863	No
10	GOM_NL__2PRFIN20090806_021450_000000492081_00232_38863_6129.N1	06-AUG-2009 02:14:50	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38863	No
11	GOM_NL__2PRFIN20090806_021655_000000482081_00232_38863_6130.N1	06-AUG-2009 02:16:55	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38863	No
12	GOM_NL__2PRFIN20090806_022339_000000492081_00232_38863_6131.N1	06-AUG-2009 02:23:39	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	38863	No
13	GOM_NL__2PRFIN20090806_022525_000000532081_00232_38863_6132.N1	06-AUG-2009 02:25:25	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38863	No
14	GOM_NL__2PRFIN20090806_022750_000000462081_00232_38863_6133.N1	06-AUG-2009 02:27:50	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38863	No
15	GOM_NL__2PRFIN20090806_022941_000000492081_00232_38863_6134.N1	06-AUG-2009 02:29:41	Bright	49.000	149	45Eps Per	2.8880	30000.	98	38863	No
16	GOM_NL__2PRFIN20090806_023316_000000462081_00232_38863_6135.N1	06-AUG-2009 02:33:16	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	38863	No
17	GOM_NL__2PRFIN20090806_023809_000000582081_00232_38863_6136.N1	06-AUG-2009 02:38:09	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	38863	No
18	GOM_NL__2PRFIN20090806_024358_000000452081_00232_38863_6137.N1	06-AUG-2009 02:43:58	Dark	44.500	128	67Bet Eri	2.7840	9700.0	89	38863	No
19	GOM_NL__2PRFIN20090806_024952_000000532081_00232_38863_6138.N1	06-AUG-2009 02:49:52	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	38863	No
20	GOM_NL__2PRFIN20090806_025915_000000482081_00233_38864_6134.N1	06-AUG-2009 02:59:15	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38864	No
21	GOM_NL__2PRFIN20090806_030933_000000582081_00233_38864_6135.N1	06-AUG-2009 03:09:33	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	38864	No
22	GOM_NL__2PRFIN20090806_031317_000000492081_00233_38864_6136.N1	06-AUG-2009 03:13:17	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	38864	No
23	GOM_NL__2PRFIN20090806_031805_000000602081_00233_38864_6137.N1	06-AUG-2009 03:18:05	Twilight_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38864	No
24	GOM_NL__2PRFIN20090806_032442_000000482081_00233_38864_6138.N1	06-AUG-2009 03:24:42	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38864	No
25	GOM_NL__2PRFIN20090806_032836_000000482081_00233_38864_6139.N1	06-AUG-2009 03:28:36	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38864	No
26	GOM_NL__2PRFIN20090806_034050_000000432081_00233_38864_6140.N1	06-AUG-2009 03:40:50	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38864	No
27	GOM_NL__2PRFIN20090806_034400_000000402081_00233_38864_6141.N1	06-AUG-2009 03:44:00	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38864	No
28	GOM_NL__2PRFIN20090806_034927_000000392081_00233_38864_6142.N1	06-AUG-2009 03:49:27	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38864	No
29	GOM_NL__2PRFIN20090806_035525_000000732081_00233_38864_6143.N1	06-AUG-2009 03:55:25	Bright	73.000	74	11Bet Cas	2.2680	6600.0	146	38864	No
30	GOM_NL__2PRFIN20090806_035730_000000512081_00233_38864_6144.N1	06-AUG-2009 03:57:30	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38864	No
31	GOM_NL__2PRFIN20090806_040415_000000492081_00233_38864_6145.N1	06-AUG-2009 04:04:15	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	38864	No
32	GOM_NL__2PRFIN20090806_040601_000000512081_00233_38864_6146.N1	06-AUG-2009 04:06:01	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	38864	No
33	GOM_NL__2PRFIN20090806_040826_000000452081_00233_38864_6147.N1	06-AUG-2009 04:08:26	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38864	No
34	GOM_NL__2PRFIN20090806_041016_000000522081_00233_38864_6148.N1	06-AUG-2009 04:10:16	Bright	51.500	149	45Eps Per	2.8880	30000.	103	38864	No
35	GOM_NL__2PRFIN20090806_041352_000000462081_00233_38864_6149.N1	06-AUG-2009 04:13:52	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	38864	No
36	GOM_NL__2PRFIN20090806_041846_000000672081_00233_38864_6150.N1	06-AUG-2009 04:18:46	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38864	No
37	GOM_NL__2PRFIN20090806_042434_000000452081_00233_38864_6151.N1	06-AUG-2009 04:24:34	Dark	44.500	128	67Bet Eri	2.7840	9700.0	89	38864	No
38	GOM_NL__2PRFIN20090806_043029_000000592081_00233_38864_6152.N1	06-AUG-2009 04:30:29	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	38864	No
39	GOM_NL__2PRFIN20090806_043951_000000492081_00234_38865_6149.N1	06-AUG-2009 04:39:51	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38865	No
40	GOM_NL__2PRFIN20090806_045010_000000542081_00234_38865_6150.N1	06-AUG-2009 04:50:10	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38865	No
41	GOM_NL__2PRFIN20090806_045354_000000472081_00234_38865_6151.N1	06-AUG-2009 04:53:54	Straylight	46.500	63	Bet Gru	2.1500	2800.0	93	38865	No
42	GOM_NL__2PRFIN20090806_045842_000000592081_00234_38865_6152.N1	06-AUG-2009 04:58:42	Twilight_and_stray	58.500	18	24Alp PsA	1.1660	9700.0	117	38865	No

43	GOM_NL__2PRFIN20090806_050518_000000482081_00234_38865_6153.N1	06-AUG-2009 05:05:18	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38865	No
44	GOM_NL__2PRFIN20090806_050912_000000472081_00234_38865_6154.N1	06-AUG-2009 05:09:12	Bright	47.000	154	22Bet Aqr	2.8990	5700.0	94	38865	No
45	GOM_NL__2PRFIN20090806_052126_000000402081_00234_38865_6155.N1	06-AUG-2009 05:21:26	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38865	No
46	GOM_NL__2PRFIN20090806_052436_000000402081_00234_38865_6156.N1	06-AUG-2009 05:24:36	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38865	No
47	GOM_NL__2PRFIN20090806_053002_000000402081_00234_38865_6157.N1	06-AUG-2009 05:30:02	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38865	No
48	GOM_NL__2PRFIN20090806_053600_000000482081_00234_38865_6158.N1	06-AUG-2009 05:36:00	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38865	No
49	GOM_NL__2PRFIN20090806_053805_000000482081_00234_38865_6159.N1	06-AUG-2009 05:38:05	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38865	No
50	GOM_NL__2PRFIN20090806_054451_000000512081_00234_38865_6160.N1	06-AUG-2009 05:44:51	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	38865	No
51	GOM_NL__2PRFIN20090806_054637_000000532081_00234_38865_6161.N1	06-AUG-2009 05:46:37	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38865	No
52	GOM_NL__2PRFIN20090806_054902_000000442081_00234_38865_6162.N1	06-AUG-2009 05:49:02	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	38865	No
53	GOM_NL__2PRFIN20090806_055052_000000492081_00234_38865_6163.N1	06-AUG-2009 05:50:52	Bright	49.000	149	45Eps Per	2.8880	30000.	98	38865	No
54	GOM_NL__2PRFIN20090806_055428_000000482081_00234_38865_6164.N1	06-AUG-2009 05:54:28	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	38865	No
55	GOM_NL__2PRFIN20090806_055922_000000542081_00234_38865_6165.N1	06-AUG-2009 05:59:22	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	38865	No
56	GOM_NL__2PRFIN20090806_060511_000000472081_00234_38865_6166.N1	06-AUG-2009 06:05:11	Dark	47.000	128	67Bet Eri	2.7840	9700.0	94	38865	No
57	GOM_NL__2PRFIN20090806_061107_000000602081_00234_38865_6167.N1	06-AUG-2009 06:11:07	Dark	59.500	165	34Gam Eri	2.9500	3200.0	119	38865	No
58	GOM_NL__2PRFIN20090806_062029_000000492081_00235_38866_6163.N1	06-AUG-2009 06:20:29	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38866	No
59	GOM_NL__2PRFIN20090806_063047_000000552081_00235_38866_6164.N1	06-AUG-2009 06:30:47	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38866	No
60	GOM_NL__2PRFIN20090806_063430_000000592081_00235_38866_6165.N1	06-AUG-2009 06:34:30	Straylight	58.500	63	Bet Gru	2.1500	2800.0	117	38866	No
61	GOM_NL__2PRFIN20090806_063918_000000592081_00235_38866_6166.N1	06-AUG-2009 06:39:18	Tw_i_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	38866	No
62	GOM_NL__2PRFIN20090806_064554_000000482081_00235_38866_6167.N1	06-AUG-2009 06:45:54	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38866	No
63	GOM_NL__2PRFIN20090806_064948_000000472081_00235_38866_6168.N1	06-AUG-2009 06:49:48	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	38866	No
64	GOM_NL__2PRFIN20090806_070201_000000422081_00235_38866_6169.N1	06-AUG-2009 07:02:01	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	38866	No
65	GOM_NL__2PRFIN20090806_070322_000000402081_00235_38866_6170.N1	06-AUG-2009 07:03:22	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	38866	No
66	GOM_NL__2PRFIN20090806_070512_000000402081_00235_38866_6171.N1	06-AUG-2009 07:05:12	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38866	No
67	GOM_NL__2PRFIN20090806_071038_000000392081_00235_38866_6172.N1	06-AUG-2009 07:10:38	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38866	No
68	GOM_NL__2PRFIN20090806_071635_000000612081_00235_38866_6173.N1	06-AUG-2009 07:16:35	Bright	60.500	74	11Bet Cas	2.2680	6600.0	121	38866	No
69	GOM_NL__2PRFIN20090806_071840_000000492081_00235_38866_6174.N1	06-AUG-2009 07:18:40	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38866	No
70	GOM_NL__2PRFIN20090806_072526_000000492081_00235_38866_6175.N1	06-AUG-2009 07:25:26	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	38866	No
71	GOM_NL__2PRFIN20090806_072712_000000552081_00235_38866_6176.N1	06-AUG-2009 07:27:12	Bright	55.000	35	33Alp Per	1.7950	6250.0	110	38866	No
72	GOM_NL__2PRFIN20090806_072938_000000452081_00235_38866_6177.N1	06-AUG-2009 07:29:38	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38866	No
73	GOM_NL__2PRFIN20090806_073128_000000512081_00235_38866_6178.N1	06-AUG-2009 07:31:28	Bright	50.500	149	45Eps Per	2.8880	30000.	101	38866	No
74	GOM_NL__2PRFIN20090806_073504_000000482081_00235_38866_6179.N1	06-AUG-2009 07:35:04	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	38866	No
75	GOM_NL__2PRFIN20090806_073959_000000682081_00235_38866_6180.N1	06-AUG-2009 07:39:59	Dark	67.500	13	87Alp Tau	0.86700	3800.0	135	38866	No
76	GOM_NL__2PRFIN20090806_074547_000000462081_00235_38866_6181.N1	06-AUG-2009 07:45:47	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38866	No
77	GOM_NL__2PRFIN20090806_075144_000000602081_00235_38866_6182.N1	06-AUG-2009 07:51:44	Dark	59.500	165	34Gam Eri	2.9500	3200.0	119	38866	No
78	GOM_NL__2PRFIN20090806_080106_000000472081_00236_38867_6177.N1	06-AUG-2009 08:01:06	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38867	No
79	GOM_NL__2PRFIN20090806_081124_000000552081_00236_38867_6178.N1	06-AUG-2009 08:11:24	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38867	No
80	GOM_NL__2PRFIN20090806_081507_000000512081_00236_38867_6179.N1	06-AUG-2009 08:15:07	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	38867	No
81	GOM_NL__2PRFIN20090806_081955_000000602081_00236_38867_6180.N1	06-AUG-2009 08:19:55	Tw_i_and_stray	59.500	18	24Alp PsA	1.1660	9700.0	119	38867	No
82	GOM_NL__2PRFIN20090806_082630_000000482081_00236_38867_6181.N1	06-AUG-2009 08:26:30	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38867	No
83	GOM_NL__2PRFIN20090806_083023_000000472081_00236_38867_6182.N1	06-AUG-2009 08:30:23	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	38867	No
84	GOM_NL__2PRFIN20090806_084237_000000422081_00236_38867_6183.N1	06-AUG-2009 08:42:37	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	38867	No
85	GOM_NL__2PRFIN20090806_084358_000000402081_00236_38867_6184.N1	06-AUG-2009 08:43:58	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	38867	No
86	GOM_NL__2PRFIN20090806_084547_000000422081_00236_38867_6185.N1	06-AUG-2009 08:45:47	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	38867	No
87	GOM_NL__2PRFIN20090806_085113_000000392081_00236_38867_6186.N1	06-AUG-2009 08:51:13	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38867	No
88	GOM_NL__2PRFIN20090806_085710_000000502081_00236_38867_6187.N1	06-AUG-2009 08:57:10	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38867	No
89	GOM_NL__2PRFIN20090806_085916_000000502081_00236_38867_6188.N1	06-AUG-2009 08:59:16	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38867	No
90	GOM_NL__2PRFIN20090806_090602_000000492081_00236_38867_6189.N1	06-AUG-2009 09:06:02	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	38867	No
91	GOM_NL__2PRFIN20090806_090748_000000542081_00236_38867_6190.N1	06-AUG-2009 09:07:48	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	38867	No
92	GOM_NL__2PRFIN20090806_091014_000000442081_00236_38867_6191.N1	06-AUG-2009 09:10:14	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	38867	No
93	GOM_NL__2PRFIN20090806_091204_000000512081_00236_38867_6192.N1	06-AUG-2009 09:12:04	Bright	50.500	149	45Eps Per	2.8880	30000.	101	38867	No
94	GOM_NL__2PRFIN20090806_091540_000000472081_00236_38867_6193.N1	06-AUG-2009 09:15:40	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38867	No
95	GOM_NL__2PRFIN20090806_092035_000000632081_00236_38867_6194.N1	06-AUG-2009 09:20:35	Dark	62.500	13	87Alp Tau	0.86700	3800.0	125	38867	No
96	GOM_NL__2PRFIN20090806_092624_000000462081_00236_38867_6195.N1	06-AUG-2009 09:26:24	Dark	45.500	128	67Bet Eri	2.7840	9700.0	91	38867	No
97	GOM_NL__2PRFIN20090806_093221_000000612081_00236_38867_6196.N1	06-AUG-2009 09:32:21	Dark	61.000	165	34Gam Eri	2.9500	3200.0	122	38867	No
98	GOM_NL__2PRFIN20090806_094143_000000502081_00237_38868_6194.N1	06-AUG-2009 09:41:43	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38868	No
99	GOM_NL__2PRFIN20090806_095201_000000542081_00237_38868_6195.N1	06-AUG-2009 09:52:01	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38868	No
100	GOM_NL__2PRFIN20090806_095543_000000502081_00237_38868_6196.N1	06-AUG-2009 09:55:43	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	38868	No
101	GOM_NL__2PRFIN20090806_100031_000000612081_00237_38868_6197.N1	06-AUG-2009 10:00:31	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38868	No

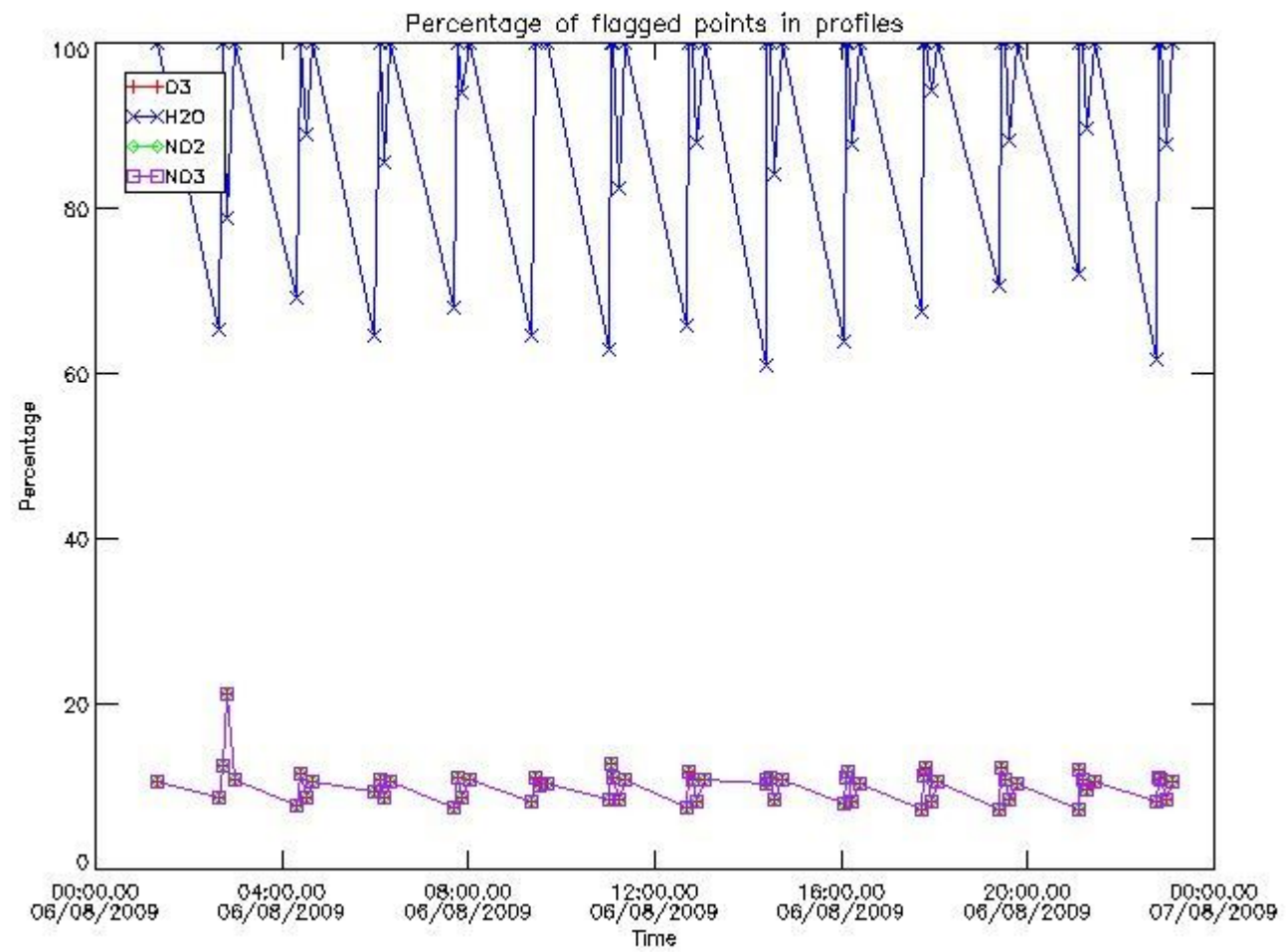
102	GOM_NL__2PRFIN20090806_100706_000000682081_00237_38868_6198.N1	06-AUG-2009 10:07:06	Bright	68.000	142	49Del Cap	2.8500	8900.0	136	38868	No
103	GOM_NL__2PRFIN20090806_101059_000000482081_00237_38868_6199.N1	06-AUG-2009 10:10:59	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38868	No
104	GOM_NL__2PRFIN20090806_102312_000000432081_00237_38868_6200.N1	06-AUG-2009 10:23:12	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38868	No
105	GOM_NL__2PRFIN20090806_102433_000000402081_00237_38868_6201.N1	06-AUG-2009 10:24:33	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	38868	No
106	GOM_NL__2PRFIN20090806_102623_000000432081_00237_38868_6202.N1	06-AUG-2009 10:26:23	Bright	42.500	19	50Alp Cyg	1.2460	10500.	85	38868	No
107	GOM_NL__2PRFIN20090806_103149_000000392081_00237_38868_6203.N1	06-AUG-2009 10:31:49	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38868	No
108	GOM_NL__2PRFIN20090806_103745_000000502081_00237_38868_6204.N1	06-AUG-2009 10:37:45	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38868	No
109	GOM_NL__2PRFIN20090806_103951_000000492081_00237_38868_6205.N1	06-AUG-2009 10:39:51	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38868	No
110	GOM_NL__2PRFIN20090806_104637_000000722081_00237_38868_6206.N1	06-AUG-2009 10:46:37	Bright	72.000	160	23Gam Per	2.9300	4700.0	144	38868	No
111	GOM_NL__2PRFIN20090806_104823_000000532081_00237_38868_6207.N1	06-AUG-2009 10:48:23	Bright	53.000	35	33Alp Per	1.7950	6250.0	106	38868	No
112	GOM_NL__2PRFIN20090806_105049_000000452081_00237_38868_6208.N1	06-AUG-2009 10:50:49	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	38868	No
113	GOM_NL__2PRFIN20090806_105240_000000542081_00237_38868_6209.N1	06-AUG-2009 10:52:40	Bright	53.500	149	45Eps Per	2.8880	30000.	107	38868	No
114	GOM_NL__2PRFIN20090806_105616_000000492081_00237_38868_6210.N1	06-AUG-2009 10:56:16	Bright	49.000	28	12Bet Tau	1.6500	15200.	98	38868	No
115	GOM_NL__2PRFIN20090806_110112_000000612081_00237_38868_6211.N1	06-AUG-2009 11:01:12	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	38868	No
116	GOM_NL__2PRFIN20090806_110309_000000442081_00237_38868_6212.N1	06-AUG-2009 11:03:09	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	38868	No
117	GOM_NL__2PRFIN20090806_110700_000000462081_00237_38868_6213.N1	06-AUG-2009 11:07:00	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38868	No
118	GOM_NL__2PRFIN20090806_111258_000000602081_00237_38868_6214.N1	06-AUG-2009 11:12:58	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38868	No
119	GOM_NL__2PRFIN20090806_112219_000000472081_00238_38869_6209.N1	06-AUG-2009 11:22:19	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38869	No
120	GOM_NL__2PRFIN20090806_113238_000000592081_00238_38869_6210.N1	06-AUG-2009 11:32:38	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	38869	No
121	GOM_NL__2PRFIN20090806_113620_000000492081_00238_38869_6211.N1	06-AUG-2009 11:36:20	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	38869	No
122	GOM_NL__2PRFIN20090806_114108_000000622081_00238_38869_6212.N1	06-AUG-2009 11:41:08	Tw_i_and_stray	61.500	18	24Alp PsA	1.1660	9700.0	123	38869	No
123	GOM_NL__2PRFIN20090806_114742_000000462081_00238_38869_6213.N1	06-AUG-2009 11:47:42	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	38869	No
124	GOM_NL__2PRFIN20090806_115135_000000472081_00238_38869_6214.N1	06-AUG-2009 11:51:35	Bright	47.000	154	22Bet Aqr	2.8990	5700.0	94	38869	No
125	GOM_NL__2PRFIN20090806_120348_000000402081_00238_38869_6215.N1	06-AUG-2009 12:03:48	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38869	No
126	GOM_NL__2PRFIN20090806_120509_000000382081_00238_38869_6216.N1	06-AUG-2009 12:05:09	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	38869	No
127	GOM_NL__2PRFIN20090806_120658_000000582081_00238_38869_6217.N1	06-AUG-2009 12:06:58	Bright	58.000	19	50Alp Cyg	1.2460	10500.	116	38869	No
128	GOM_NL__2PRFIN20090806_121224_000000402081_00238_38869_6218.N1	06-AUG-2009 12:12:24	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38869	No
129	GOM_NL__2PRFIN20090806_121820_000000482081_00238_38869_6219.N1	06-AUG-2009 12:18:20	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38869	No
130	GOM_NL__2PRFIN20090806_122026_000000472081_00238_38869_6220.N1	06-AUG-2009 12:20:26	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38869	No
131	GOM_NL__2PRFIN20090806_122713_000000482081_00238_38869_6221.N1	06-AUG-2009 12:27:13	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	38869	No
132	GOM_NL__2PRFIN20090806_122859_000000522081_00238_38869_6222.N1	06-AUG-2009 12:28:59	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38869	No
133	GOM_NL__2PRFIN20090806_123125_000000572081_00238_38869_6223.N1	06-AUG-2009 12:31:25	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	38869	No
134	GOM_NL__2PRFIN20090806_123316_000000502081_00238_38869_6224.N1	06-AUG-2009 12:33:16	Bright	50.000	149	45Eps Per	2.8880	30000.	100	38869	No
135	GOM_NL__2PRFIN20090806_123652_000000492081_00238_38869_6225.N1	06-AUG-2009 12:36:52	Bright	48.500	28	12Bet Tau	1.6500	15200.	97	38869	No
136	GOM_NL__2PRFIN20090806_124148_000000692081_00238_38869_6226.N1	06-AUG-2009 12:41:48	Dark	69.000	13	87Alp Tau	0.86700	3800.0	138	38869	No
137	GOM_NL__2PRFIN20090806_124344_000000432081_00238_38869_6227.N1	06-AUG-2009 12:43:44	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	38869	No
138	GOM_NL__2PRFIN20090806_124737_000000472081_00238_38869_6228.N1	06-AUG-2009 12:47:37	Dark	47.000	128	67Bet Eri	2.7840	9700.0	94	38869	No
139	GOM_NL__2PRFIN20090806_125335_000000632081_00238_38869_6229.N1	06-AUG-2009 12:53:35	Dark	62.500	165	34Gam Eri	2.9500	3200.0	125	38869	No
140	GOM_NL__2PRFIN20090806_130256_000000472081_00239_38870_6244.N1	06-AUG-2009 13:02:56	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38870	No
141	GOM_NL__2PRFIN20090806_131315_000000542081_00239_38870_6245.N1	06-AUG-2009 13:13:15	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38870	No
142	GOM_NL__2PRFIN20090806_131656_000000482081_00239_38870_6246.N1	06-AUG-2009 13:16:56	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	38870	No
143	GOM_NL__2PRFIN20090806_132144_000000602081_00239_38870_6247.N1	06-AUG-2009 13:21:44	Tw_i_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38870	No
144	GOM_NL__2PRFIN20090806_132818_000000682081_00239_38870_6248.N1	06-AUG-2009 13:28:18	Bright	68.000	142	49Del Cap	2.8500	8900.0	136	38870	No
145	GOM_NL__2PRFIN20090806_133211_000000462081_00239_38870_6249.N1	06-AUG-2009 13:32:11	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38870	No
146	GOM_NL__2PRFIN20090806_134423_000000602081_00239_38870_6250.N1	06-AUG-2009 13:44:23	Bright	60.000	92	53Eps Cyg	2.5000	4500.0	120	38870	No
147	GOM_NL__2PRFIN20090806_134545_000000402081_00239_38870_6251.N1	06-AUG-2009 13:45:45	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	38870	No
148	GOM_NL__2PRFIN20090806_134734_000000372081_00239_38870_6252.N1	06-AUG-2009 13:47:34	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	38870	No
149	GOM_NL__2PRFIN20090806_135300_000000402081_00239_38870_6253.N1	06-AUG-2009 13:53:00	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38870	No
150	GOM_NL__2PRFIN20090806_140101_000000482081_00239_38870_6254.N1	06-AUG-2009 14:01:01	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38870	No
151	GOM_NL__2PRFIN20090806_140748_000000492081_00239_38870_6255.N1	06-AUG-2009 14:07:48	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	38870	No
152	GOM_NL__2PRFIN20090806_140934_000000542081_00239_38870_6256.N1	06-AUG-2009 14:09:34	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38870	No
153	GOM_NL__2PRFIN20090806_141201_000000572081_00239_38870_6257.N1	06-AUG-2009 14:12:01	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	38870	No
154	GOM_NL__2PRFIN20090806_141352_000000532081_00239_38870_6258.N1	06-AUG-2009 14:13:52	Bright	52.500	149	45Eps Per	2.8880	30000.	105	38870	No
155	GOM_NL__2PRFIN20090806_141729_000000492081_00239_38870_6259.N1	06-AUG-2009 14:17:29	Bright	48.500	28	12Bet Tau	1.6500	15200.	97	38870	No
156	GOM_NL__2PRFIN20090806_142224_000000602081_00239_38870_6260.N1	06-AUG-2009 14:22:24	Dark	59.500	13	87Alp Tau	0.86700	3800.0	119	38870	No
157	GOM_NL__2PRFIN20090806_142420_000000472081_00239_38870_6261.N1	06-AUG-2009 14:24:20	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	38870	No
158	GOM_NL__2PRFIN20090806_142813_000000462081_00239_38870_6262.N1	06-AUG-2009 14:28:13	Dark	45.500	128	67Bet Eri	2.7840	9700.0	91	38870	No
159	GOM_NL__2PRFIN20090806_143412_000000602081_00239_38870_6263.N1	06-AUG-2009 14:34:12	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38870	No
160	GOM_NL__2PRFIN20090806_144333_000000482081_00240_38871_6258.N1	06-AUG-2009 14:43:33	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38871	No

161	GOM_NL__2PRFIN20090806_145352_00000522081_00240_38871_6259.N1	06-AUG-2009 14:53:52	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	38871	No
162	GOM_NL__2PRFIN20090806_145733_00000542081_00240_38871_6260.N1	06-AUG-2009 14:57:33	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38871	No
163	GOM_NL__2PRFIN20090806_150221_00000612081_00240_38871_6261.N1	06-AUG-2009 15:02:21	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38871	No
164	GOM_NL__2PRFIN20090806_150854_00000482081_00240_38871_6262.N1	06-AUG-2009 15:08:54	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38871	No
165	GOM_NL__2PRFIN20090806_151246_00000462081_00240_38871_6263.N1	06-AUG-2009 15:12:46	Bright	45.500	154	22Bet Agr	2.8990	5700.0	91	38871	No
166	GOM_NL__2PRFIN20090806_152459_00000422081_00240_38871_6264.N1	06-AUG-2009 15:24:59	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	38871	No
167	GOM_NL__2PRFIN20090806_152621_00000402081_00240_38871_6265.N1	06-AUG-2009 15:26:21	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	38871	No
168	GOM_NL__2PRFIN20090806_152809_00000542081_00240_38871_6266.N1	06-AUG-2009 15:28:09	Bright	53.500	19	50Alp Cyg	1.2460	10500.	107	38871	No
169	GOM_NL__2PRFIN20090806_153336_00000412081_00240_38871_6267.N1	06-AUG-2009 15:33:36	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38871	No
170	GOM_NL__2PRFIN20090806_153931_00000502081_00240_38871_6268.N1	06-AUG-2009 15:39:31	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38871	No
171	GOM_NL__2PRFIN20090806_154137_00000472081_00240_38871_6269.N1	06-AUG-2009 15:41:37	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38871	No
172	GOM_NL__2PRFIN20090806_154824_00000542081_00240_38871_6270.N1	06-AUG-2009 15:48:24	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	38871	No
173	GOM_NL__2PRFIN20090806_155010_00000532081_00240_38871_6271.N1	06-AUG-2009 15:50:10	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38871	No
174	GOM_NL__2PRFIN20090806_155237_00000482081_00240_38871_6272.N1	06-AUG-2009 15:52:37	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	38871	No
175	GOM_NL__2PRFIN20090806_155428_00000502081_00240_38871_6273.N1	06-AUG-2009 15:54:28	Bright	49.500	149	45Eps Per	2.8880	30000.	99	38871	No
176	GOM_NL__2PRFIN20090806_155805_00000472081_00240_38871_6274.N1	06-AUG-2009 15:58:05	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	38871	No
177	GOM_NL__2PRFIN20090806_160301_00000642081_00240_38871_6275.N1	06-AUG-2009 16:03:01	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	38871	No
178	GOM_NL__2PRFIN20090806_160457_00000462081_00240_38871_6276.N1	06-AUG-2009 16:04:57	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	38871	No
179	GOM_NL__2PRFIN20090806_160850_00000482081_00240_38871_6277.N1	06-AUG-2009 16:08:50	Dark	47.500	128	67Bet Eri	2.7840	9700.0	95	38871	No
180	GOM_NL__2PRFIN20090806_161449_00000622081_00240_38871_6278.N1	06-AUG-2009 16:14:49	Dark	62.000	165	34Gam Eri	2.9500	3200.0	124	38871	No
181	GOM_NL__2PRFIN20090806_162410_00000492081_00241_38872_6272.N1	06-AUG-2009 16:24:10	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38872	No
182	GOM_NL__2PRFIN20090806_163429_00000542081_00241_38872_6273.N1	06-AUG-2009 16:34:29	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38872	No
183	GOM_NL__2PRFIN20090806_163809_00000462081_00241_38872_6274.N1	06-AUG-2009 16:38:09	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	38872	No
184	GOM_NL__2PRFIN20090806_164257_00000612081_00241_38872_6275.N1	06-AUG-2009 16:42:57	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38872	No
185	GOM_NL__2PRFIN20090806_164930_00000482081_00241_38872_6276.N1	06-AUG-2009 16:49:30	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38872	No
186	GOM_NL__2PRFIN20090806_165322_00000452081_00241_38872_6277.N1	06-AUG-2009 16:53:22	Bright	45.000	154	22Bet Agr	2.8990	5700.0	90	38872	No
187	GOM_NL__2PRFIN20090806_170535_00000402081_00241_38872_6278.N1	06-AUG-2009 17:05:35	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38872	No
188	GOM_NL__2PRFIN20090806_170656_00000382081_00241_38872_6279.N1	06-AUG-2009 17:06:56	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	38872	No
189	GOM_NL__2PRFIN20090806_170845_00000582081_00241_38872_6280.N1	06-AUG-2009 17:08:45	Bright	58.000	19	50Alp Cyg	1.2460	10500.	116	38872	No
190	GOM_NL__2PRFIN20090806_171411_00000402081_00241_38872_6281.N1	06-AUG-2009 17:14:11	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38872	No
191	GOM_NL__2PRFIN20090806_172006_00000732081_00241_38872_6282.N1	06-AUG-2009 17:20:06	Bright	73.000	74	11Bet Cas	2.2680	6600.0	146	38872	No
192	GOM_NL__2PRFIN20090806_172212_00000492081_00241_38872_6283.N1	06-AUG-2009 17:22:12	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38872	No
193	GOM_NL__2PRFIN20090806_172859_00000502081_00241_38872_6284.N1	06-AUG-2009 17:28:59	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38872	No
194	GOM_NL__2PRFIN20090806_173046_00000532081_00241_38872_6285.N1	06-AUG-2009 17:30:46	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38872	No
195	GOM_NL__2PRFIN20090806_173313_00000482081_00241_38872_6286.N1	06-AUG-2009 17:33:13	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	38872	No
196	GOM_NL__2PRFIN20090806_173503_00000552081_00241_38872_6287.N1	06-AUG-2009 17:35:03	Bright	54.500	149	45Eps Per	2.8880	30000.	109	38872	No
197	GOM_NL__2PRFIN20090806_173841_00000462081_00241_38872_6288.N1	06-AUG-2009 17:38:41	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	38872	No
198	GOM_NL__2PRFIN20090806_174337_00000702081_00241_38872_6289.N1	06-AUG-2009 17:43:37	Dark	69.500	13	87Alp Tau	0.86700	3800.0	139	38872	No
199	GOM_NL__2PRFIN20090806_174533_00000452081_00241_38872_6290.N1	06-AUG-2009 17:45:33	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	38872	No
200	GOM_NL__2PRFIN20090806_174926_00000462081_00241_38872_6291.N1	06-AUG-2009 17:49:26	Dark	45.500	128	67Bet Eri	2.7840	9700.0	91	38872	No
201	GOM_NL__2PRFIN20090806_175526_00000622081_00241_38872_6292.N1	06-AUG-2009 17:55:26	Dark	61.500	165	34Gam Eri	2.9500	3200.0	123	38872	No
202	GOM_NL__2PRFIN20090806_180448_00000492081_00242_38873_6288.N1	06-AUG-2009 18:04:48	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38873	No
203	GOM_NL__2PRFIN20090806_181506_00000552081_00242_38873_6289.N1	06-AUG-2009 18:15:06	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38873	No
204	GOM_NL__2PRFIN20090806_181846_00000582081_00242_38873_6290.N1	06-AUG-2009 18:18:46	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	38873	No
205	GOM_NL__2PRFIN20090806_182334_00000602081_00242_38873_6291.N1	06-AUG-2009 18:23:34	Tw_i_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38873	No
206	GOM_NL__2PRFIN20090806_183006_00000482081_00242_38873_6292.N1	06-AUG-2009 18:30:06	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38873	No
207	GOM_NL__2PRFIN20090806_183358_00000482081_00242_38873_6293.N1	06-AUG-2009 18:33:58	Bright	48.000	154	22Bet Agr	2.8990	5700.0	96	38873	No
208	GOM_NL__2PRFIN20090806_184610_00000402081_00242_38873_6294.N1	06-AUG-2009 18:46:10	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38873	No
209	GOM_NL__2PRFIN20090806_184732_00000512081_00242_38873_6295.N1	06-AUG-2009 18:47:32	Bright	51.000	66	37Gam Cyg	2.2080	5900.0	102	38873	No
210	GOM_NL__2PRFIN20090806_184920_00000412081_00242_38873_6296.N1	06-AUG-2009 18:49:20	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38873	No
211	GOM_NL__2PRFIN20090806_185447_00000412081_00242_38873_6297.N1	06-AUG-2009 18:54:47	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38873	No
212	GOM_NL__2PRFIN20090806_190041_00000512081_00242_38873_6298.N1	06-AUG-2009 19:00:41	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38873	No
213	GOM_NL__2PRFIN20090806_190247_00000482081_00242_38873_6299.N1	06-AUG-2009 19:02:47	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38873	No
214	GOM_NL__2PRFIN20090806_190935_00000502081_00242_38873_6300.N1	06-AUG-2009 19:09:35	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38873	No
215	GOM_NL__2PRFIN20090806_191121_00000522081_00242_38873_6301.N1	06-AUG-2009 19:11:21	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38873	No
216	GOM_NL__2PRFIN20090806_191349_00000472081_00242_38873_6302.N1	06-AUG-2009 19:13:49	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	38873	No
217	GOM_NL__2PRFIN20090806_191539_00000482081_00242_38873_6303.N1	06-AUG-2009 19:15:39	Bright	47.500	149	45Eps Per	2.8880	30000.	95	38873	No
218	GOM_NL__2PRFIN20090806_191917_00000482081_00242_38873_6304.N1	06-AUG-2009 19:19:17	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	38873	No
219	GOM_NL__2PRFIN20090806_192414_00000702081_00242_38873_6305.N1	06-AUG-2009 19:24:14	Dark	70.000	13	87Alp Tau	0.86700	3800.0	140	38873	No

220	GOM_NL__2PRFIN20090806_192609_000000462081_00242_38873_6306.N1	06-AUG-2009 19:26:09	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	38873	No
221	GOM_NL__2PRFIN20090806_193003_000000472081_00242_38873_6307.N1	06-AUG-2009 19:30:03	Dark	46.500	128	67Bet Eri	2.7840	9700.0	93	38873	No
222	GOM_NL__2PRFIN20090806_193603_000000602081_00242_38873_6308.N1	06-AUG-2009 19:36:03	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38873	No
223	GOM_NL__2PRFIN20090806_194524_000000502081_00243_38874_6303.N1	06-AUG-2009 19:45:24	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38874	No
224	GOM_NL__2PRFIN20090806_195543_000000532081_00243_38874_6304.N1	06-AUG-2009 19:55:43	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38874	No
225	GOM_NL__2PRFIN20090806_195922_000000582081_00243_38874_6305.N1	06-AUG-2009 19:59:22	Straylight	58.000	63	Bet Gru	2.1500	2800.0	116	38874	No
226	GOM_NL__2PRFIN20090806_200410_000000612081_00243_38874_6306.N1	06-AUG-2009 20:04:10	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38874	No
227	GOM_NL__2PRFIN20090806_201042_000000472081_00243_38874_6307.N1	06-AUG-2009 20:10:42	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38874	No
228	GOM_NL__2PRFIN20090806_201434_000000492081_00243_38874_6308.N1	06-AUG-2009 20:14:34	Bright	48.500	154	22Bet Aqr	2.8990	5700.0	97	38874	No
229	GOM_NL__2PRFIN20090806_202646_000000402081_00243_38874_6309.N1	06-AUG-2009 20:26:46	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38874	No
230	GOM_NL__2PRFIN20090806_202808_000000572081_00243_38874_6310.N1	06-AUG-2009 20:28:08	Bright	57.000	66	37Gam Cyg	2.2080	5900.0	114	38874	No
231	GOM_NL__2PRFIN20090806_202956_000000412081_00243_38874_6311.N1	06-AUG-2009 20:29:56	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38874	No
232	GOM_NL__2PRFIN20090806_203522_000000402081_00243_38874_6312.N1	06-AUG-2009 20:35:22	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38874	No
233	GOM_NL__2PRFIN20090806_204116_000000502081_00243_38874_6313.N1	06-AUG-2009 20:41:16	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38874	No
234	GOM_NL__2PRFIN20090806_204322_000000482081_00243_38874_6314.N1	06-AUG-2009 20:43:22	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38874	No
235	GOM_NL__2PRFIN20090806_205010_000000722081_00243_38874_6315.N1	06-AUG-2009 20:50:10	Bright	72.000	160	23Gam Per	2.9300	4700.0	144	38874	No
236	GOM_NL__2PRFIN20090806_205157_000000542081_00243_38874_6316.N1	06-AUG-2009 20:51:57	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	38874	No
237	GOM_NL__2PRFIN20090806_205425_000000452081_00243_38874_6317.N1	06-AUG-2009 20:54:25	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38874	No
238	GOM_NL__2PRFIN20090806_205615_000000472081_00243_38874_6318.N1	06-AUG-2009 20:56:15	Bright	46.500	149	45Eps Per	2.8880	30000.	93	38874	No
239	GOM_NL__2PRFIN20090806_205953_000000482081_00243_38874_6319.N1	06-AUG-2009 20:59:53	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	38874	No
240	GOM_NL__2PRFIN20090806_210450_000000702081_00243_38874_6320.N1	06-AUG-2009 21:04:50	Dark	70.000	13	87Alp Tau	0.86700	3800.0	140	38874	No
241	GOM_NL__2PRFIN20090806_210645_000000472081_00243_38874_6321.N1	06-AUG-2009 21:06:45	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38874	No
242	GOM_NL__2PRFIN20090806_211039_000000472081_00243_38874_6322.N1	06-AUG-2009 21:10:39	Dark	47.000	128	67Bet Eri	2.7840	9700.0	94	38874	No
243	GOM_NL__2PRFIN20090806_211641_000000592081_00243_38874_6323.N1	06-AUG-2009 21:16:41	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	38874	No
244	GOM_NL__2PRFIN20090806_212601_000000492081_00244_38875_6322.N1	06-AUG-2009 21:26:01	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38875	No
245	GOM_NL__2PRFIN20090806_213620_000000532081_00244_38875_6323.N1	06-AUG-2009 21:36:20	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	38875	No
246	GOM_NL__2PRFIN20090806_213959_000000602081_00244_38875_6324.N1	06-AUG-2009 21:39:59	Straylight	59.500	63	Bet Gru	2.1500	2800.0	119	38875	No
247	GOM_NL__2PRFIN20090806_214447_000000592081_00244_38875_6325.N1	06-AUG-2009 21:44:47	Tw_i_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	38875	No
248	GOM_NL__2PRFIN20090806_215119_000000492081_00244_38875_6326.N1	06-AUG-2009 21:51:19	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	38875	No
249	GOM_NL__2PRFIN20090806_215510_000000462081_00244_38875_6327.N1	06-AUG-2009 21:55:10	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38875	No
250	GOM_NL__2PRFIN20090806_220721_000000392081_00244_38875_6328.N1	06-AUG-2009 22:07:21	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38875	No
251	GOM_NL__2PRFIN20090806_220843_000000392081_00244_38875_6329.N1	06-AUG-2009 22:08:43	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	38875	No
252	GOM_NL__2PRFIN20090806_221032_000000402081_00244_38875_6330.N1	06-AUG-2009 22:10:32	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38875	No
253	GOM_NL__2PRFIN20090806_221558_000000392081_00244_38875_6331.N1	06-AUG-2009 22:15:58	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38875	No
254	GOM_NL__2PRFIN20090806_222151_000000492081_00244_38875_6332.N1	06-AUG-2009 22:21:51	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38875	No
255	GOM_NL__2PRFIN20090806_222357_000000512081_00244_38875_6333.N1	06-AUG-2009 22:23:57	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38875	No
256	GOM_NL__2PRFIN20090806_223045_000000532081_00244_38875_6334.N1	06-AUG-2009 22:30:45	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	38875	No
257	GOM_NL__2PRFIN20090806_223232_000000542081_00244_38875_6335.N1	06-AUG-2009 22:32:32	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38875	No
258	GOM_NL__2PRFIN20090806_223501_000000482081_00244_38875_6336.N1	06-AUG-2009 22:35:01	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	38875	No
259	GOM_NL__2PRFIN20090806_223651_000000502081_00244_38875_6337.N1	06-AUG-2009 22:36:51	Bright	49.500	149	45Eps Per	2.8880	30000.	99	38875	No
260	GOM_NL__2PRFIN20090806_224029_000000482081_00244_38875_6338.N1	06-AUG-2009 22:40:29	Bright	48.000	28	12Bet Tau	1.6500	15200.	96	38875	No
261	GOM_NL__2PRFIN20090806_224526_000000632081_00244_38875_6339.N1	06-AUG-2009 22:45:26	Dark	63.000	13	87Alp Tau	0.86700	3800.0	126	38875	No
262	GOM_NL__2PRFIN20090806_224722_000000462081_00244_38875_6340.N1	06-AUG-2009 22:47:22	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	38875	No
263	GOM_NL__2PRFIN20090806_225116_000000462081_00244_38875_6341.N1	06-AUG-2009 22:51:16	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38875	No
264	GOM_NL__2PRFIN20090806_225718_000000612081_00244_38875_6342.N1	06-AUG-2009 22:57:18	Dark	61.000	165	34Gam Eri	2.9500	3200.0	122	38875	No
265	GOM_NL__2PRFIN20090806_230639_000000482081_00245_38876_6339.N1	06-AUG-2009 23:06:39	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38876	No
266	GOM_NL__2PRFIN20090806_231657_000000652081_00245_38876_6340.N1	06-AUG-2009 23:16:57	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	38876	No
267	GOM_NL__2PRFIN20090806_232035_000000562081_00245_38876_6341.N1	06-AUG-2009 23:20:35	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	38876	No
268	GOM_NL__2PRFIN20090806_232523_000000612081_00245_38876_6342.N1	06-AUG-2009 23:25:23	Tw_i_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	38876	No
269	GOM_NL__2PRFIN20090806_233154_000000482081_00245_38876_6343.N1	06-AUG-2009 23:31:54	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38876	No
270	GOM_NL__2PRFIN20090806_233545_000000682081_00245_38876_6344.N1	06-AUG-2009 23:35:45	Bright	68.000	154	22Bet Aqr	2.8990	5700.0	136	38876	No
271	GOM_NL__2PRFIN20090806_234757_000000442081_00245_38876_6345.N1	06-AUG-2009 23:47:57	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	38876	No
272	GOM_NL__2PRFIN20090806_234919_000000392081_00245_38876_6346.N1	06-AUG-2009 23:49:19	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	38876	No
273	GOM_NL__2PRFIN20090806_235107_000000382081_00245_38876_6347.N1	06-AUG-2009 23:51:07	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	38876	No
274	GOM_NL__2PRFIN20090806_235633_000000382081_00245_38876_6348.N1	06-AUG-2009 23:56:33	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38876	No

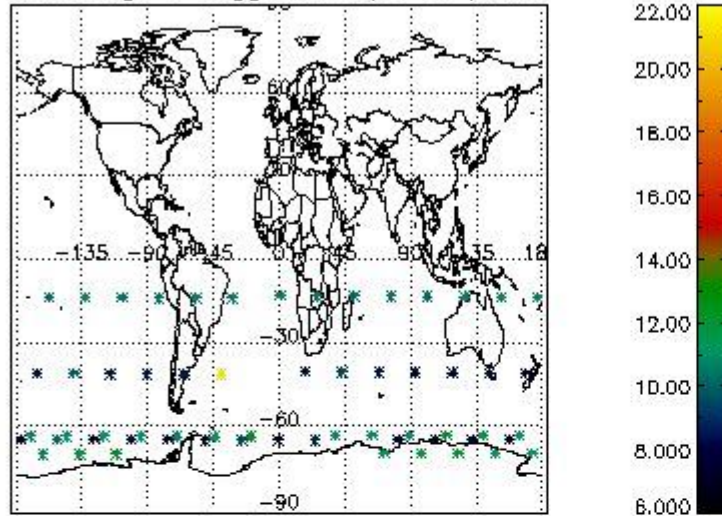
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

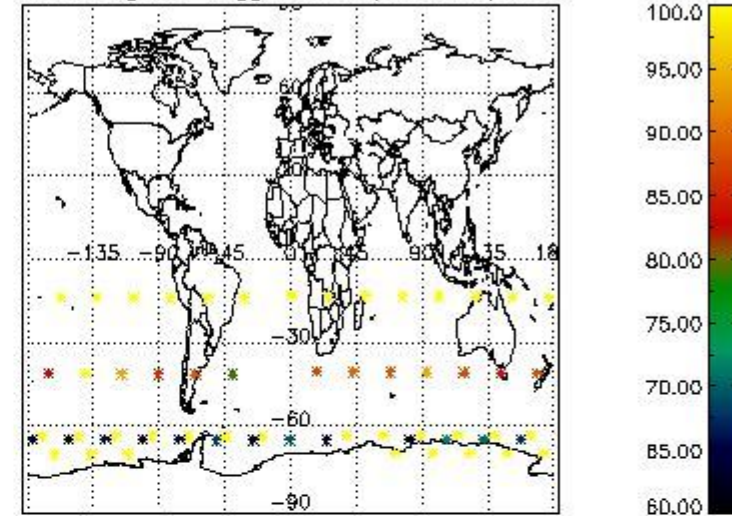


3.2 Plot quality information per product (world map)

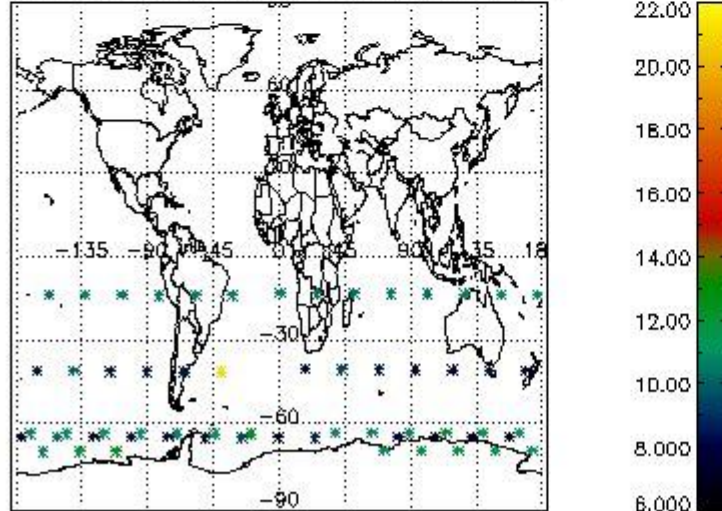
Percentage of flagged data per O3 profile



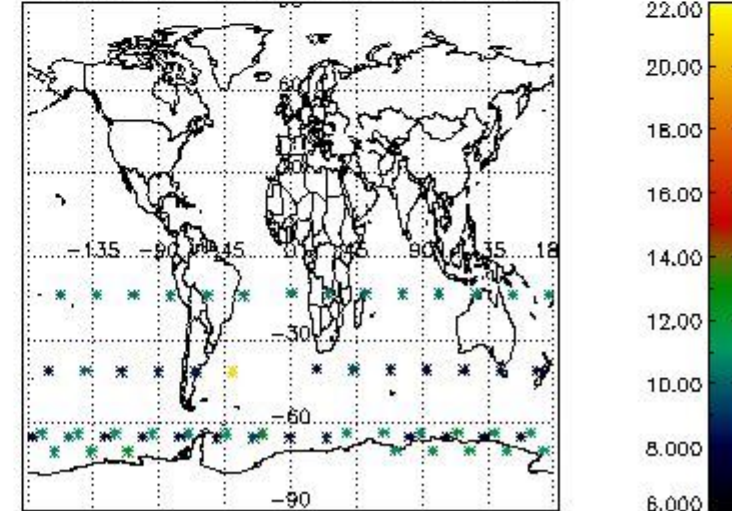
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

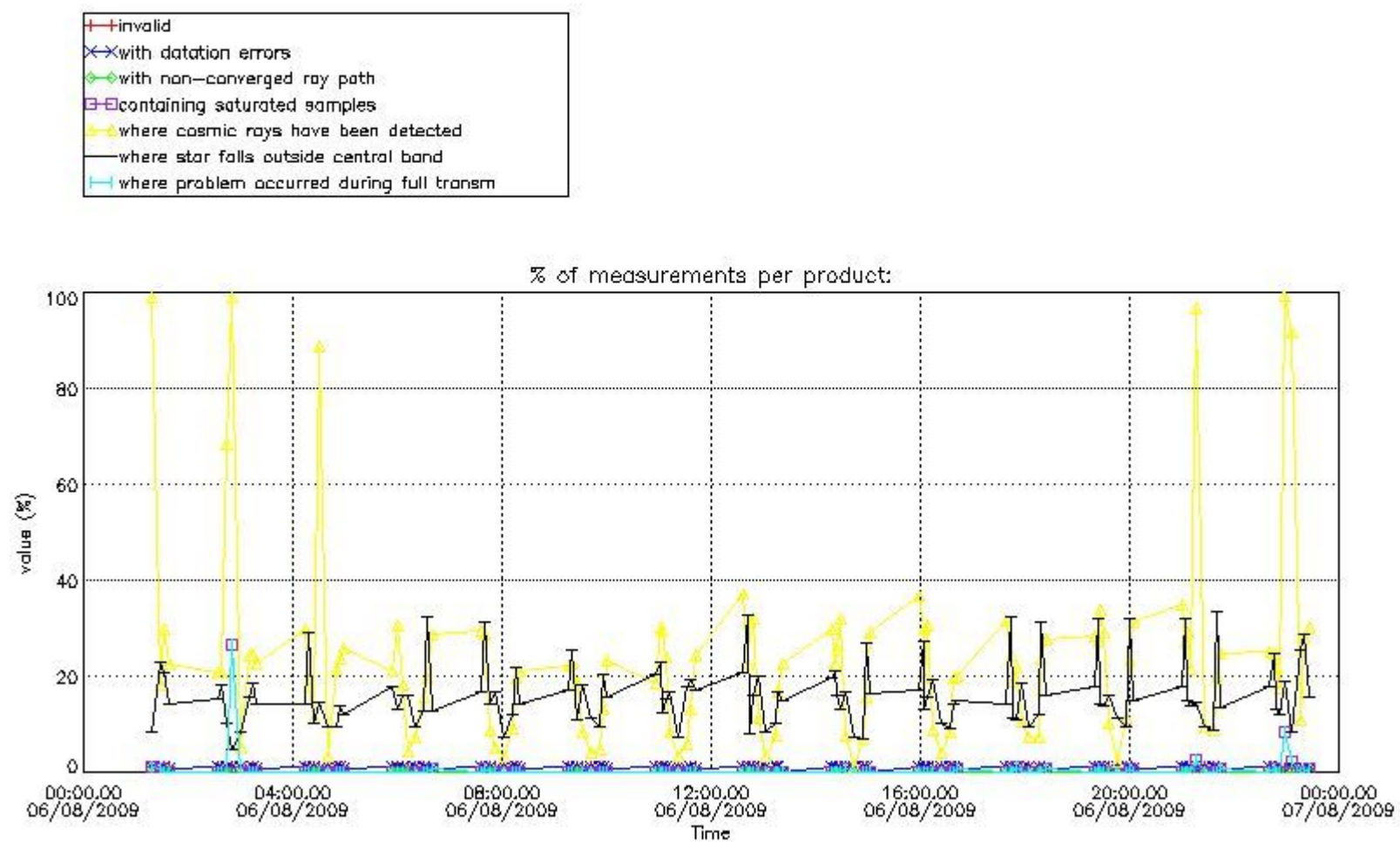


4. Level 1 quality information per product

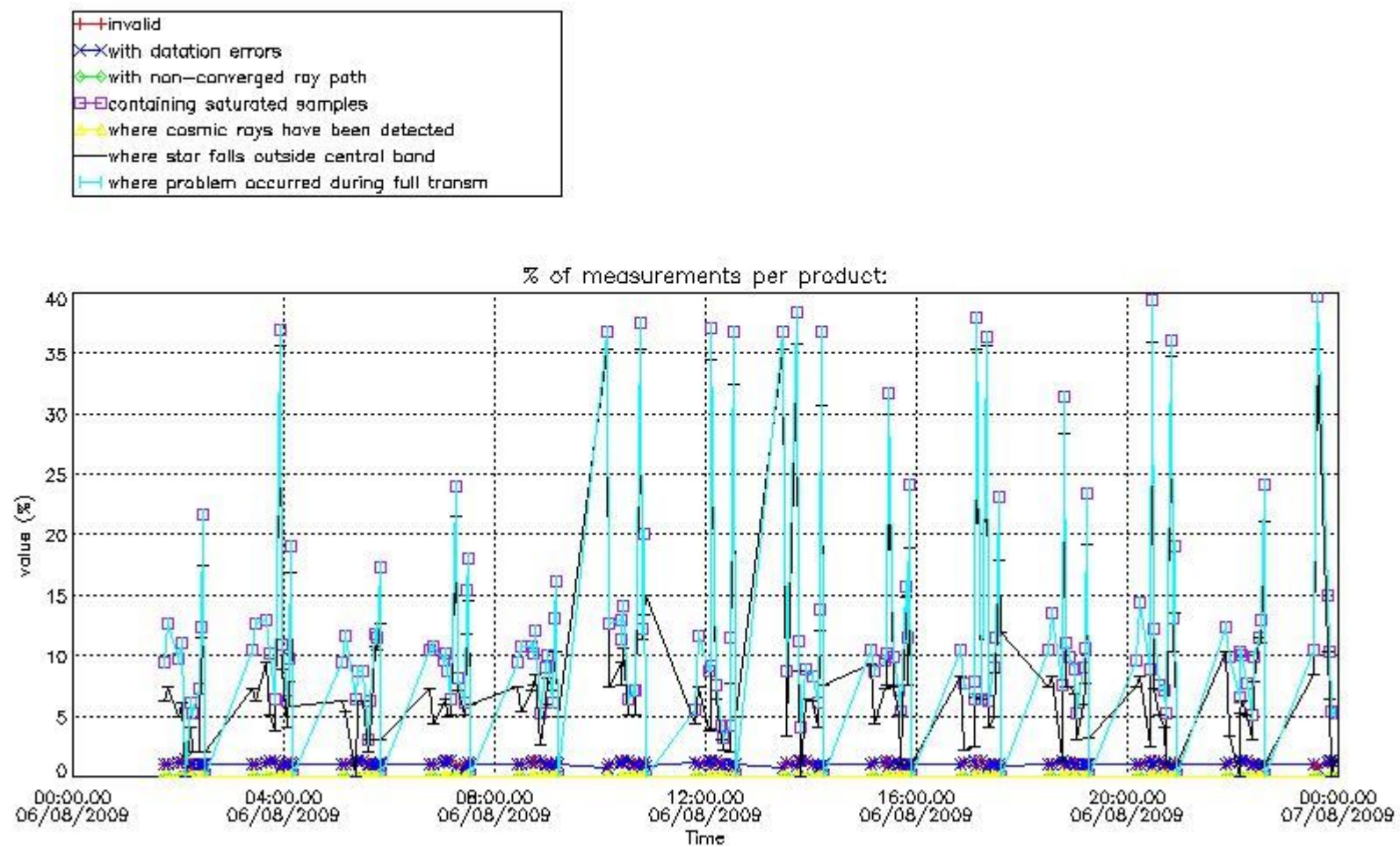
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



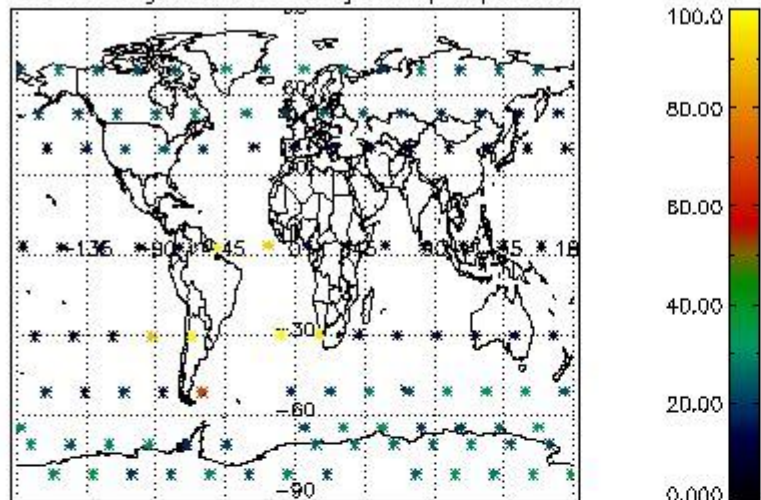
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



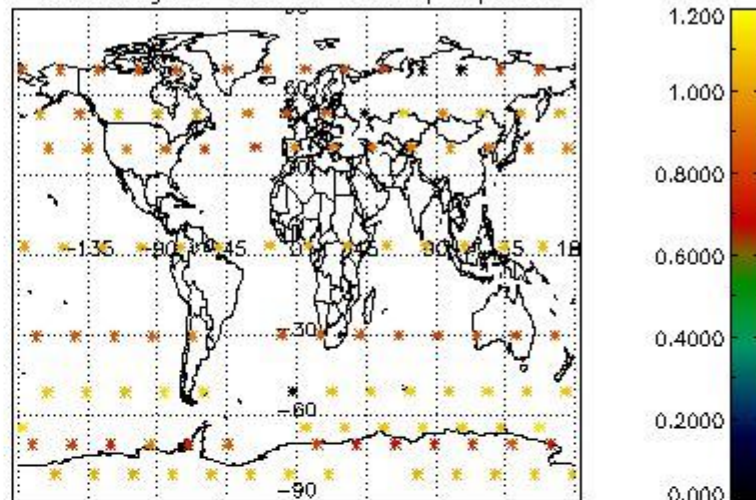
4.2 Plot quality information per product coming from level 1b processing (world map)

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

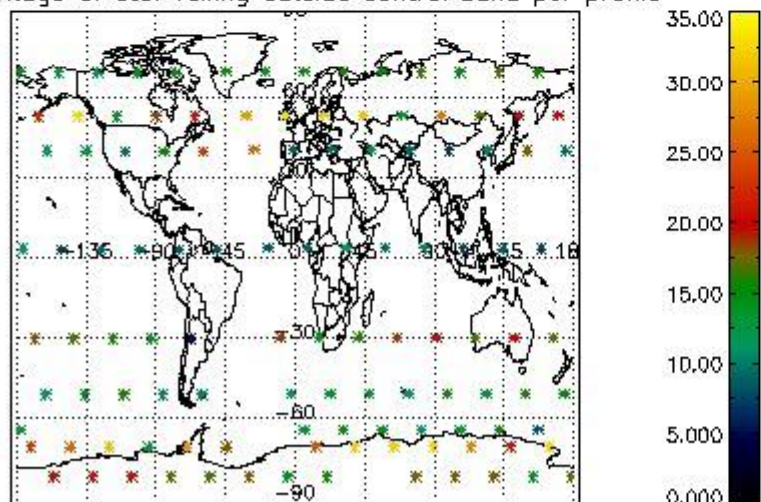
Percentage of cosmic ray hits per profile



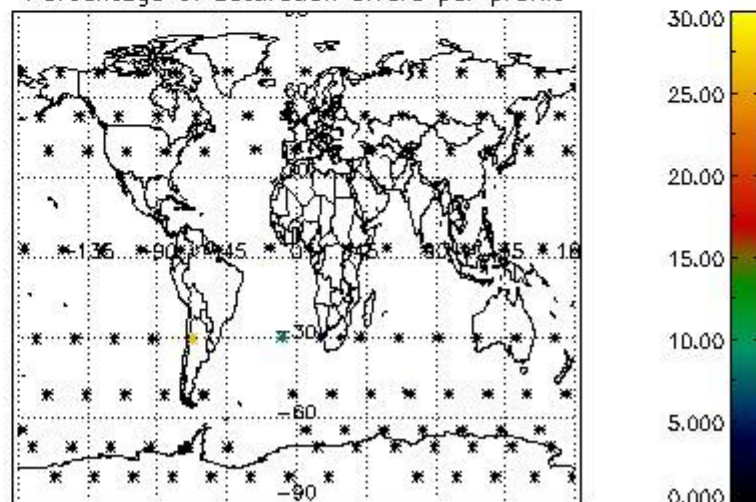
Percentage of datation errors per profile



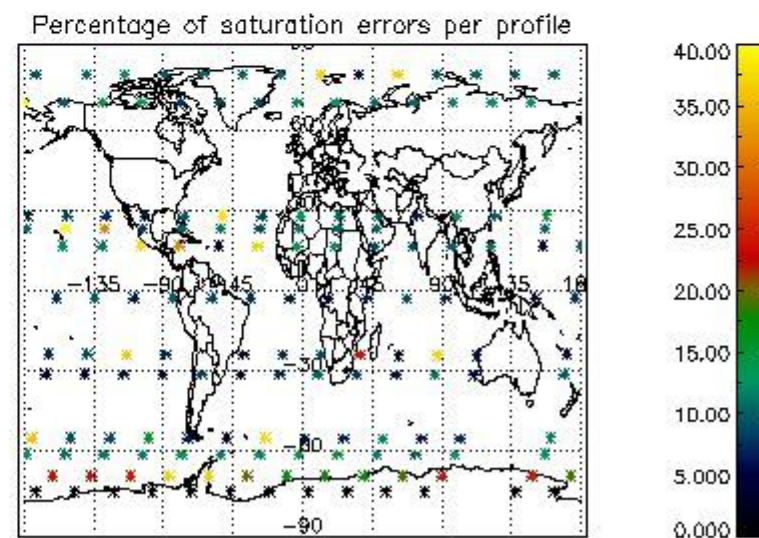
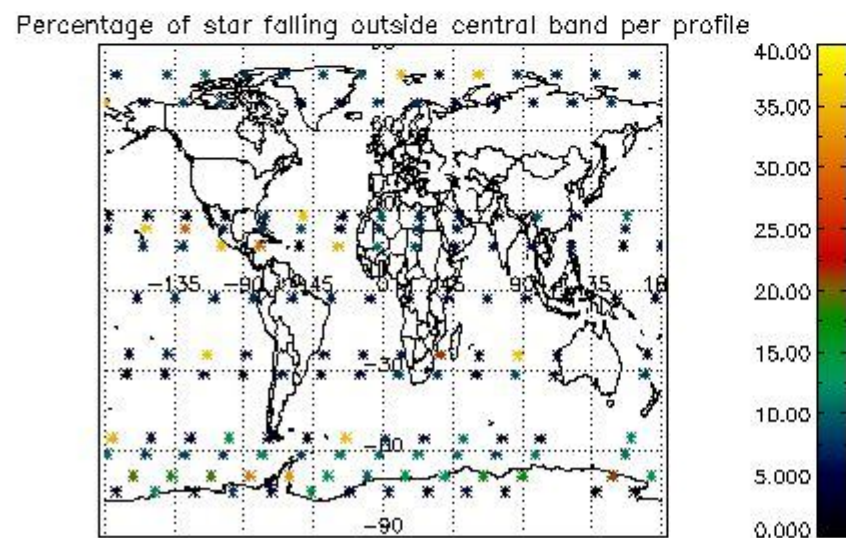
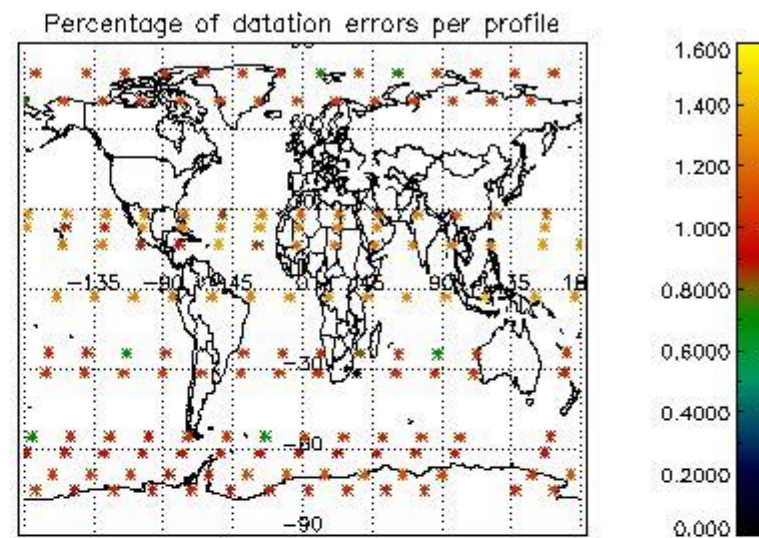
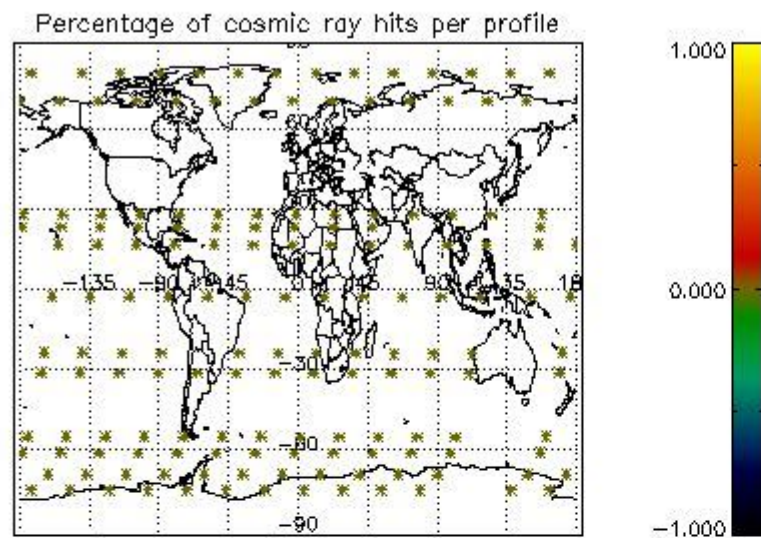
Percentage of star falling outside central band per profile



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

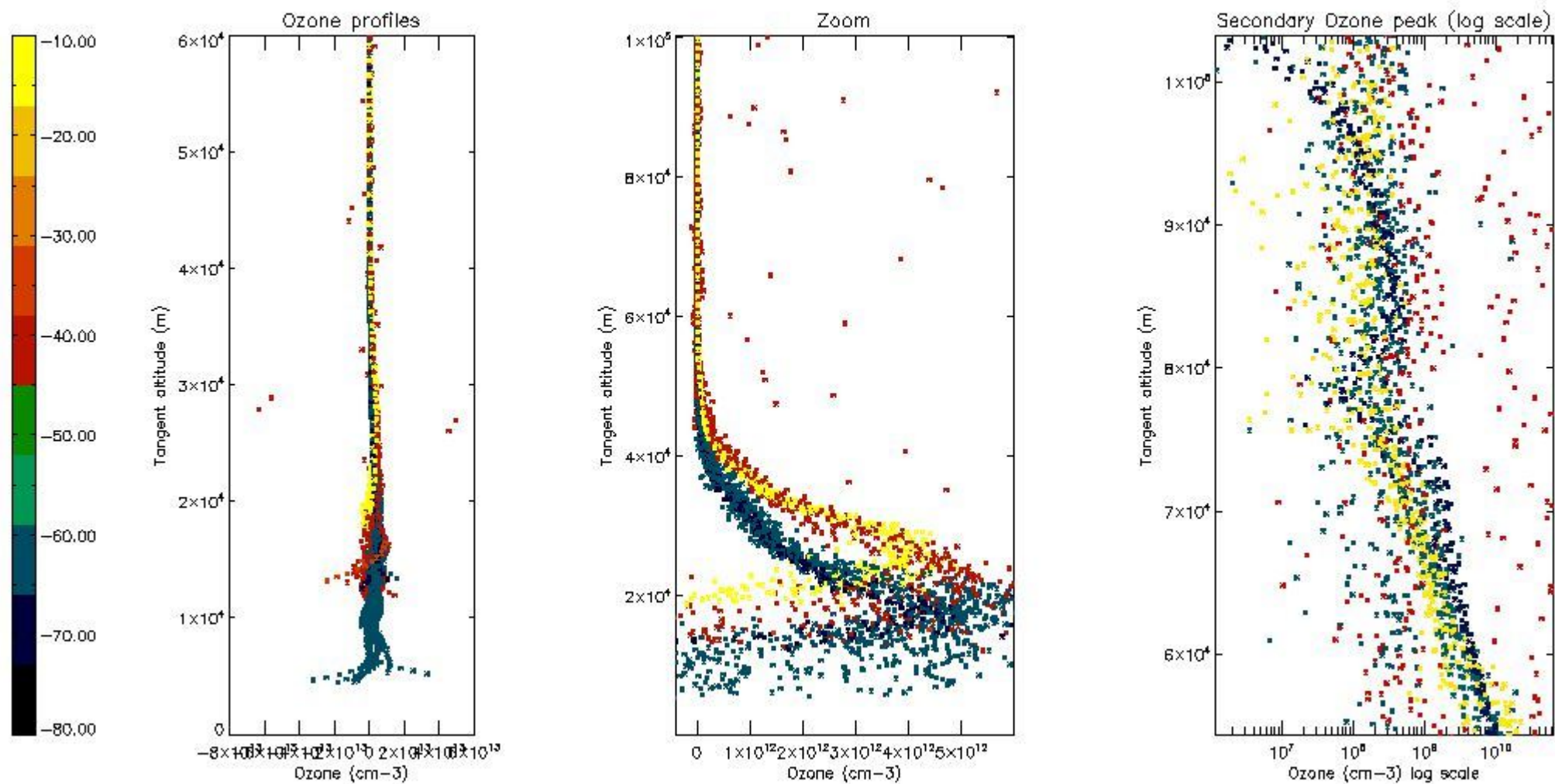
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	9

STD < 10	5
STD < 5	2

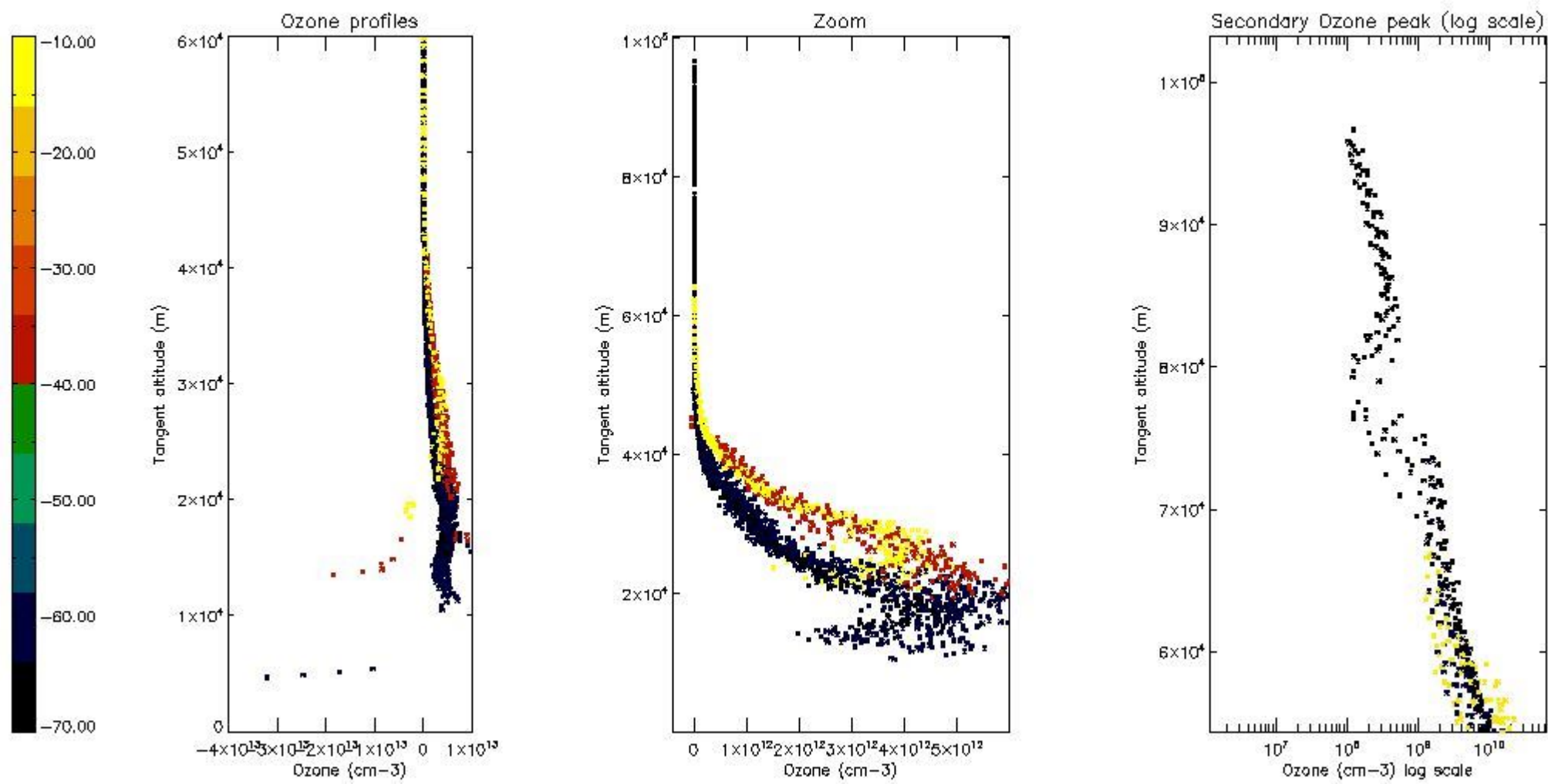
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



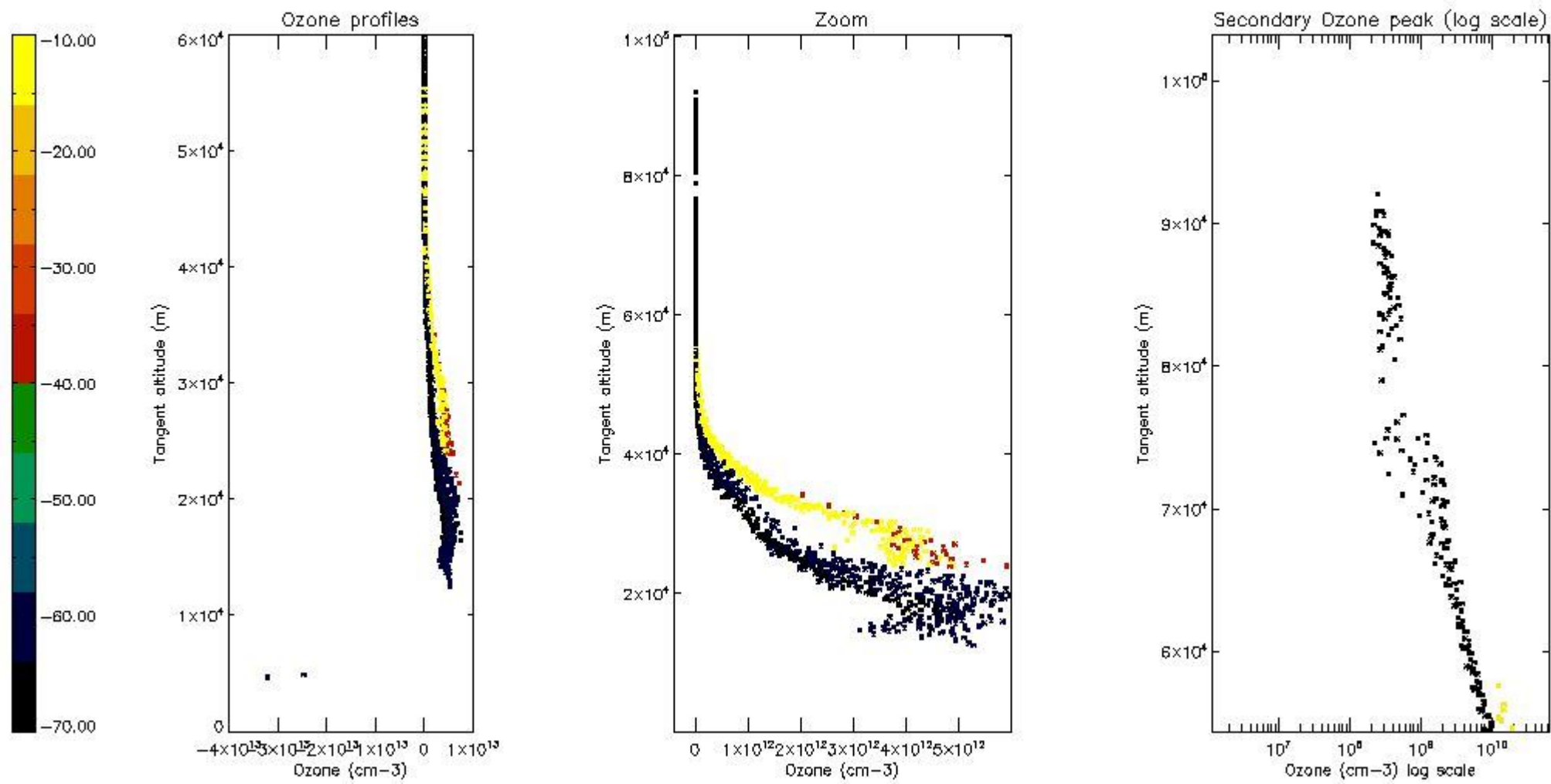
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



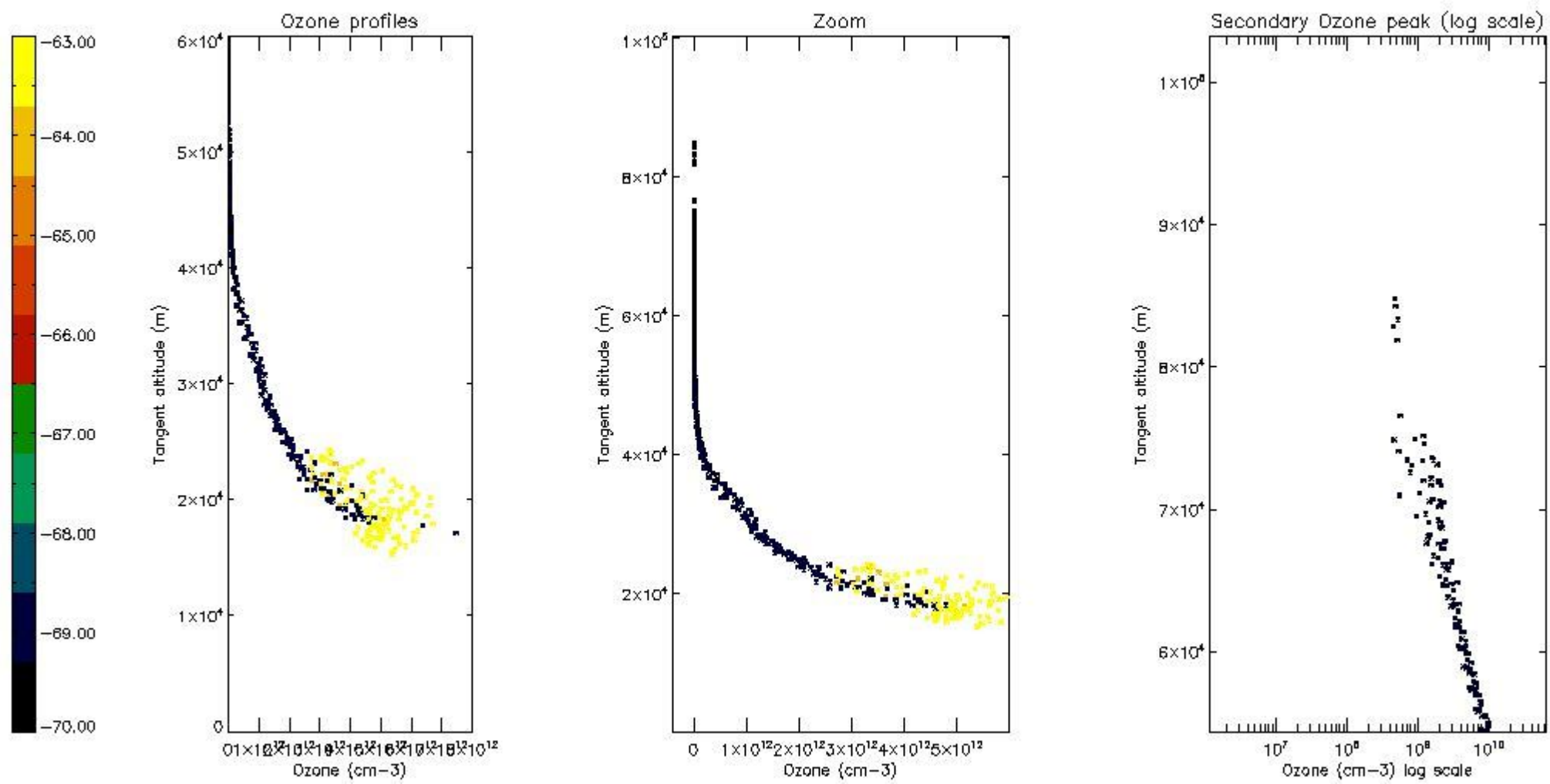
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



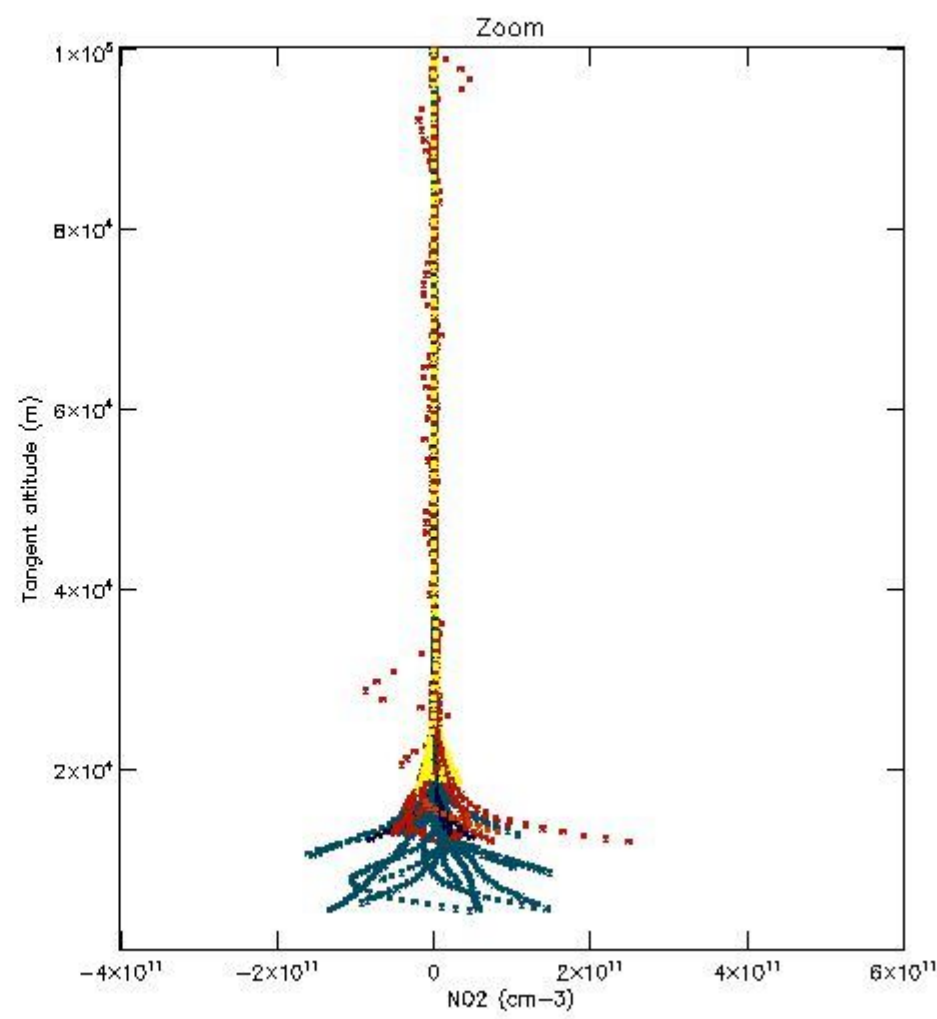
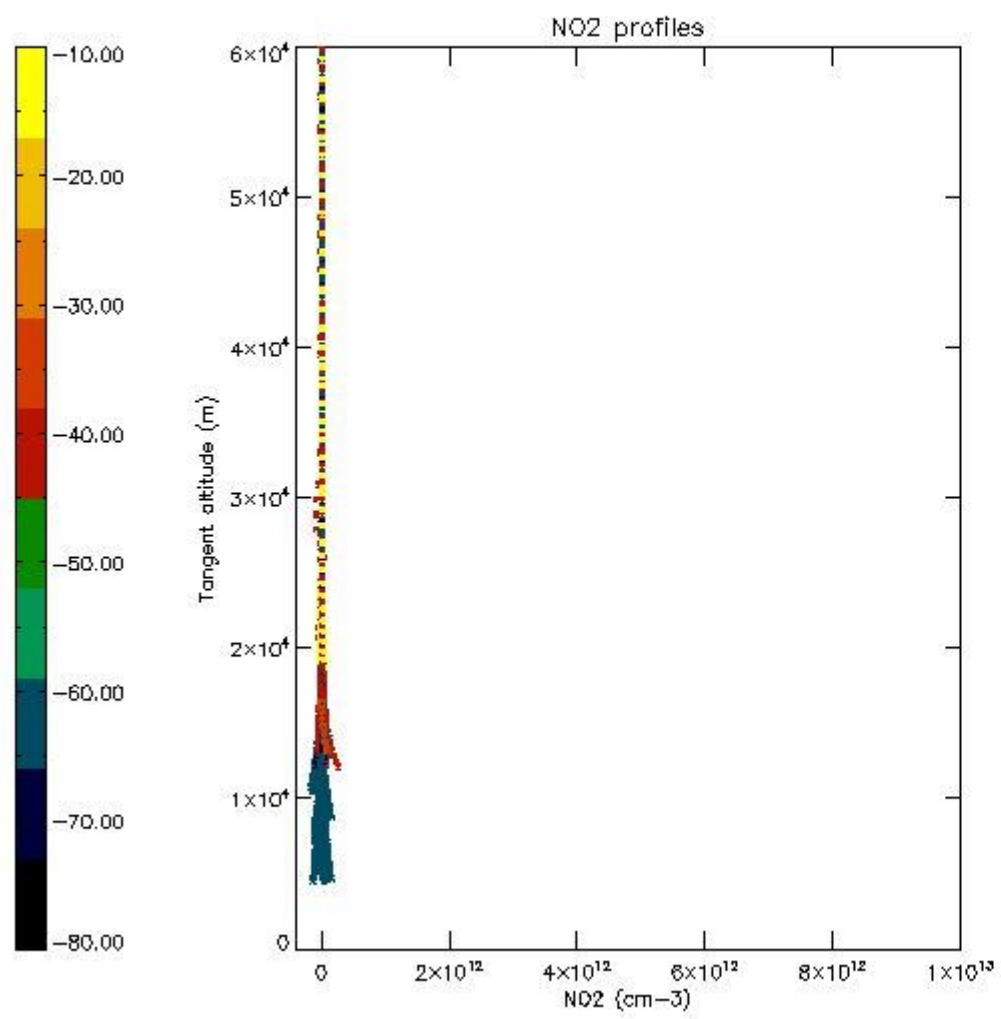
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



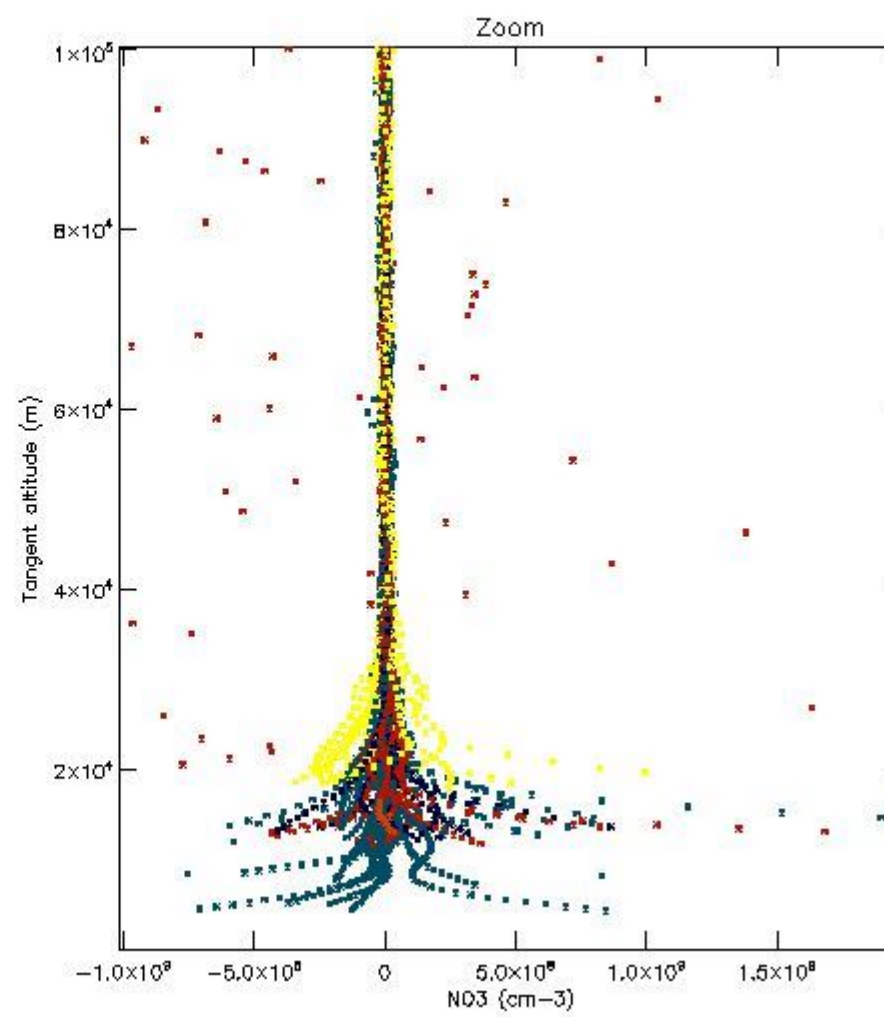
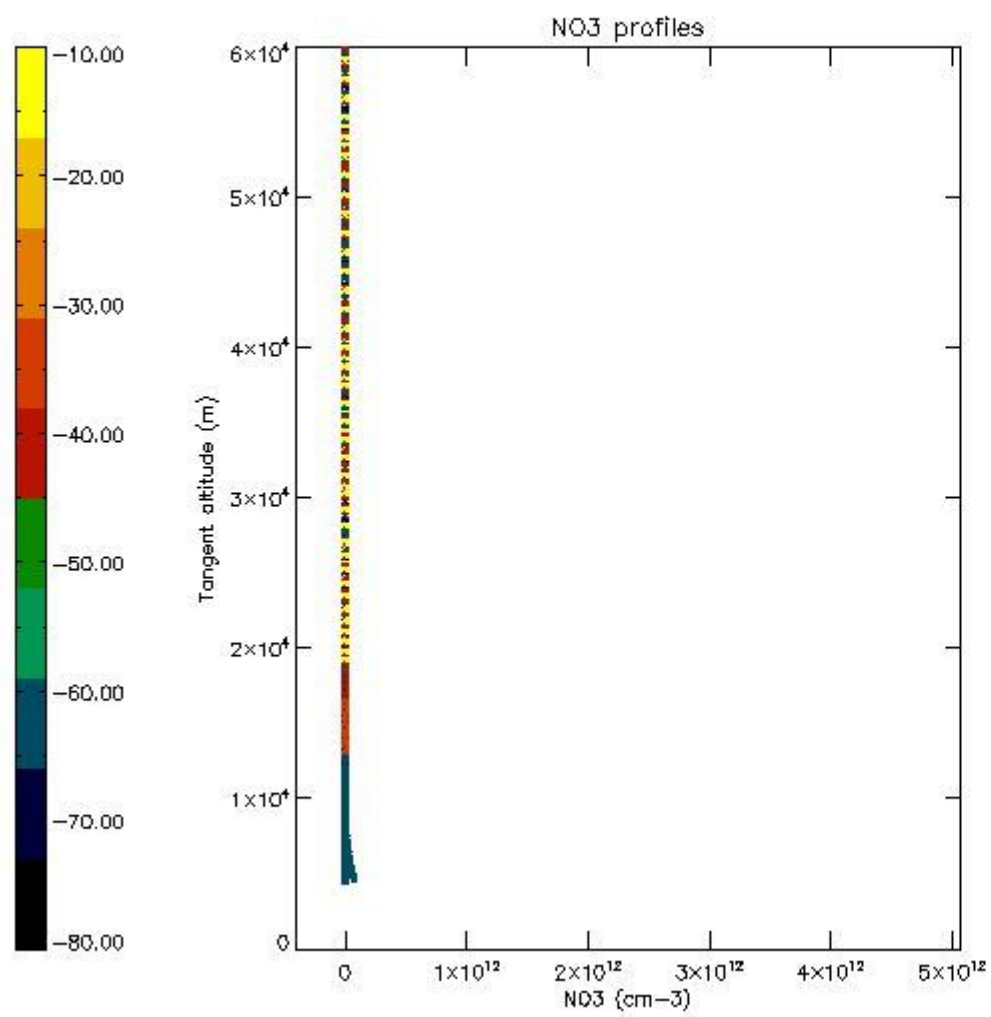
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



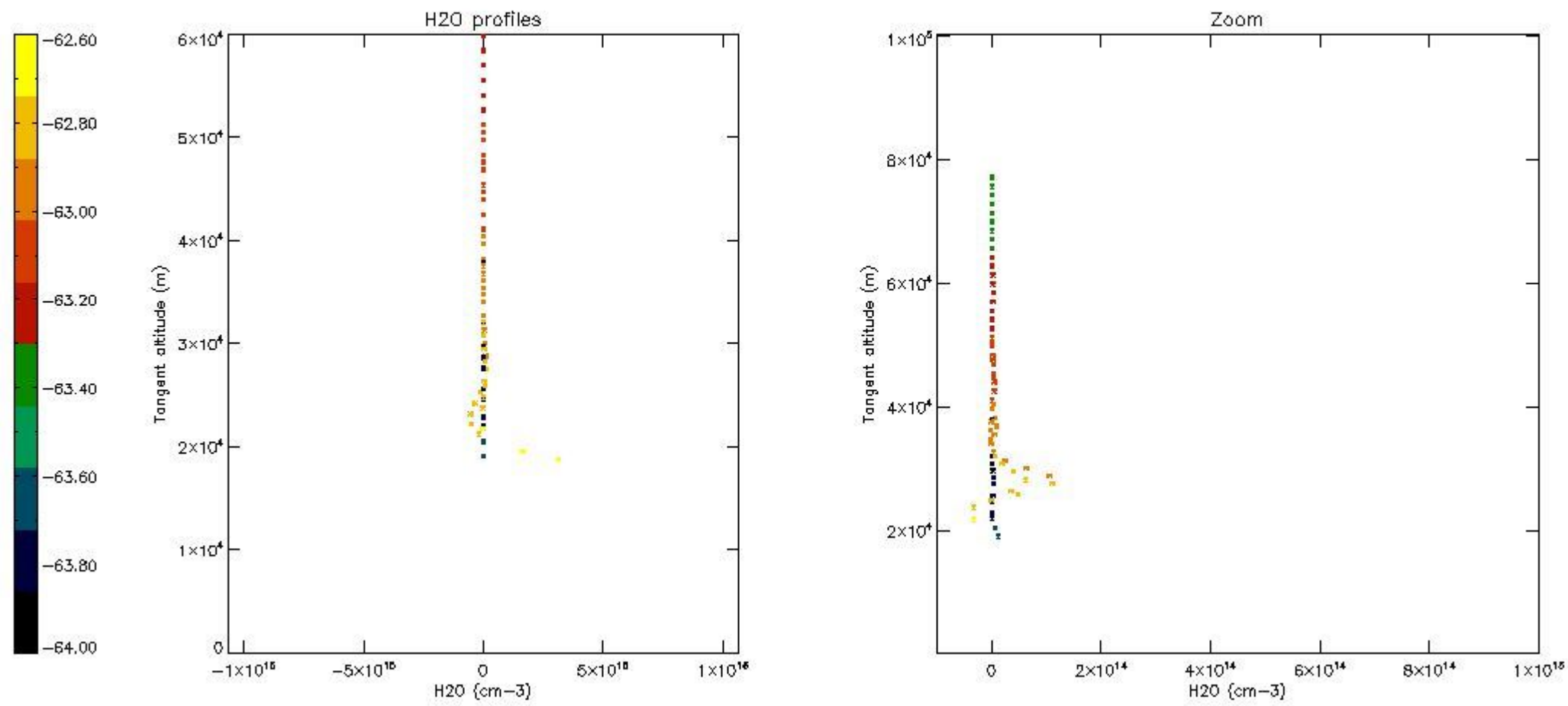
5.7 Plot NO3 profiles for all STD (dark without errors)

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	06-AUG-2009 01:18:37
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-AUG-2009 01:18:37
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-AUG-2009 01:18:37

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 \(time dependant\)](#)

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

[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 11:29:50
Data source version	GOMOS/6.01
Start time of products	06-08-2009 (06AUG2009 00:00:00)
Stop time of products	07-08-2009 (07AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	274
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__2PRFIN20090806_011837_000000482081_00232_38863_6120.N1	06-AUG-2009 01:18:37	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38863	No
2	GOM_NL__2PRFIN20090806_012857_000000632081_00232_38863_6121.N1	06-AUG-2009 01:28:57	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	38863	No
3	GOM_NL__2PRFIN20090806_013241_000000512081_00232_38863_6122.N1	06-AUG-2009 01:32:41	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	38863	No
4	GOM_NL__2PRFIN20090806_013729_000000602081_00232_38863_6123.N1	06-AUG-2009 01:37:29	Twilight_and_stray	59.500	18	24Alp PsA	1.1660	9700.0	119	38863	No
5	GOM_NL__2PRFIN20090806_014406_000000482081_00232_38863_6124.N1	06-AUG-2009 01:44:06	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38863	No
6	GOM_NL__2PRFIN20090806_014800_000000482081_00232_38863_6125.N1	06-AUG-2009 01:48:00	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38863	No
7	GOM_NL__2PRFIN20090806_020015_000000412081_00232_38863_6126.N1	06-AUG-2009 02:00:15	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38863	No
8	GOM_NL__2PRFIN20090806_020325_000000412081_00232_38863_6127.N1	06-AUG-2009 02:03:25	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38863	No
9	GOM_NL__2PRFIN20090806_020851_000000352081_00232_38863_6128.N1	06-AUG-2009 02:08:51	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	38863	No
10	GOM_NL__2PRFIN20090806_021450_000000492081_00232_38863_6129.N1	06-AUG-2009 02:14:50	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38863	No
11	GOM_NL__2PRFIN20090806_021655_000000482081_00232_38863_6130.N1	06-AUG-2009 02:16:55	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38863	No
12	GOM_NL__2PRFIN20090806_022339_000000492081_00232_38863_6131.N1	06-AUG-2009 02:23:39	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	38863	No
13	GOM_NL__2PRFIN20090806_022525_000000532081_00232_38863_6132.N1	06-AUG-2009 02:25:25	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38863	No
14	GOM_NL__2PRFIN20090806_022750_000000462081_00232_38863_6133.N1	06-AUG-2009 02:27:50	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38863	No
15	GOM_NL__2PRFIN20090806_022941_000000492081_00232_38863_6134.N1	06-AUG-2009 02:29:41	Bright	49.000	149	45Eps Per	2.8880	30000.	98	38863	No
16	GOM_NL__2PRFIN20090806_023316_000000462081_00232_38863_6135.N1	06-AUG-2009 02:33:16	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	38863	No
17	GOM_NL__2PRFIN20090806_023809_000000582081_00232_38863_6136.N1	06-AUG-2009 02:38:09	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	38863	No
18	GOM_NL__2PRFIN20090806_024358_000000452081_00232_38863_6137.N1	06-AUG-2009 02:43:58	Dark	44.500	128	67Bet Eri	2.7840	9700.0	89	38863	No
19	GOM_NL__2PRFIN20090806_024952_000000532081_00232_38863_6138.N1	06-AUG-2009 02:49:52	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	38863	No
20	GOM_NL__2PRFIN20090806_025915_000000482081_00233_38864_6134.N1	06-AUG-2009 02:59:15	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38864	No
21	GOM_NL__2PRFIN20090806_030933_000000582081_00233_38864_6135.N1	06-AUG-2009 03:09:33	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	38864	No
22	GOM_NL__2PRFIN20090806_031317_000000492081_00233_38864_6136.N1	06-AUG-2009 03:13:17	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	38864	No
23	GOM_NL__2PRFIN20090806_031805_000000602081_00233_38864_6137.N1	06-AUG-2009 03:18:05	Twilight_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38864	No
24	GOM_NL__2PRFIN20090806_032442_000000482081_00233_38864_6138.N1	06-AUG-2009 03:24:42	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38864	No
25	GOM_NL__2PRFIN20090806_032836_000000482081_00233_38864_6139.N1	06-AUG-2009 03:28:36	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38864	No
26	GOM_NL__2PRFIN20090806_034050_000000432081_00233_38864_6140.N1	06-AUG-2009 03:40:50	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38864	No
27	GOM_NL__2PRFIN20090806_034400_000000402081_00233_38864_6141.N1	06-AUG-2009 03:44:00	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38864	No
28	GOM_NL__2PRFIN20090806_034927_000000392081_00233_38864_6142.N1	06-AUG-2009 03:49:27	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38864	No
29	GOM_NL__2PRFIN20090806_035525_000000732081_00233_38864_6143.N1	06-AUG-2009 03:55:25	Bright	73.000	74	11Bet Cas	2.2680	6600.0	146	38864	No
30	GOM_NL__2PRFIN20090806_035730_000000512081_00233_38864_6144.N1	06-AUG-2009 03:57:30	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38864	No
31	GOM_NL__2PRFIN20090806_040415_000000492081_00233_38864_6145.N1	06-AUG-2009 04:04:15	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	38864	No
32	GOM_NL__2PRFIN20090806_040601_000000512081_00233_38864_6146.N1	06-AUG-2009 04:06:01	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	38864	No
33	GOM_NL__2PRFIN20090806_040826_000000452081_00233_38864_6147.N1	06-AUG-2009 04:08:26	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38864	No
34	GOM_NL__2PRFIN20090806_041016_000000522081_00233_38864_6148.N1	06-AUG-2009 04:10:16	Bright	51.500	149	45Eps Per	2.8880	30000.	103	38864	No
35	GOM_NL__2PRFIN20090806_041352_000000462081_00233_38864_6149.N1	06-AUG-2009 04:13:52	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	38864	No
36	GOM_NL__2PRFIN20090806_041846_000000672081_00233_38864_6150.N1	06-AUG-2009 04:18:46	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38864	No
37	GOM_NL__2PRFIN20090806_042434_000000452081_00233_38864_6151.N1	06-AUG-2009 04:24:34	Dark	44.500	128	67Bet Eri	2.7840	9700.0	89	38864	No
38	GOM_NL__2PRFIN20090806_043029_000000592081_00233_38864_6152.N1	06-AUG-2009 04:30:29	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	38864	No
39	GOM_NL__2PRFIN20090806_043951_000000492081_00234_38865_6149.N1	06-AUG-2009 04:39:51	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38865	No
40	GOM_NL__2PRFIN20090806_045010_000000542081_00234_38865_6150.N1	06-AUG-2009 04:50:10	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38865	No
41	GOM_NL__2PRFIN20090806_045354_000000472081_00234_38865_6151.N1	06-AUG-2009 04:53:54	Straylight	46.500	63	Bet Gru	2.1500	2800.0	93	38865	No
42	GOM_NL__2PRFIN20090806_045842_000000592081_00234_38865_6152.N1	06-AUG-2009 04:58:42	Twilight_and_stray	58.500	18	24Alp PsA	1.1660	9700.0	117	38865	No

43	GOM_NL__2PRFIN20090806_050518_000000482081_00234_38865_6153.N1	06-AUG-2009 05:05:18	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38865	No
44	GOM_NL__2PRFIN20090806_050912_000000472081_00234_38865_6154.N1	06-AUG-2009 05:09:12	Bright	47.000	154	22Bet Aqr	2.8990	5700.0	94	38865	No
45	GOM_NL__2PRFIN20090806_052126_000000402081_00234_38865_6155.N1	06-AUG-2009 05:21:26	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38865	No
46	GOM_NL__2PRFIN20090806_052436_000000402081_00234_38865_6156.N1	06-AUG-2009 05:24:36	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38865	No
47	GOM_NL__2PRFIN20090806_053002_000000402081_00234_38865_6157.N1	06-AUG-2009 05:30:02	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38865	No
48	GOM_NL__2PRFIN20090806_053600_000000482081_00234_38865_6158.N1	06-AUG-2009 05:36:00	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38865	No
49	GOM_NL__2PRFIN20090806_053805_000000482081_00234_38865_6159.N1	06-AUG-2009 05:38:05	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38865	No
50	GOM_NL__2PRFIN20090806_054451_000000512081_00234_38865_6160.N1	06-AUG-2009 05:44:51	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	38865	No
51	GOM_NL__2PRFIN20090806_054637_000000532081_00234_38865_6161.N1	06-AUG-2009 05:46:37	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38865	No
52	GOM_NL__2PRFIN20090806_054902_000000442081_00234_38865_6162.N1	06-AUG-2009 05:49:02	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	38865	No
53	GOM_NL__2PRFIN20090806_055052_000000492081_00234_38865_6163.N1	06-AUG-2009 05:50:52	Bright	49.000	149	45Eps Per	2.8880	30000.	98	38865	No
54	GOM_NL__2PRFIN20090806_055428_000000482081_00234_38865_6164.N1	06-AUG-2009 05:54:28	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	38865	No
55	GOM_NL__2PRFIN20090806_055922_000000542081_00234_38865_6165.N1	06-AUG-2009 05:59:22	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	38865	No
56	GOM_NL__2PRFIN20090806_060511_000000472081_00234_38865_6166.N1	06-AUG-2009 06:05:11	Dark	47.000	128	67Bet Eri	2.7840	9700.0	94	38865	No
57	GOM_NL__2PRFIN20090806_061107_000000602081_00234_38865_6167.N1	06-AUG-2009 06:11:07	Dark	59.500	165	34Gam Eri	2.9500	3200.0	119	38865	No
58	GOM_NL__2PRFIN20090806_062029_000000492081_00235_38866_6163.N1	06-AUG-2009 06:20:29	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38866	No
59	GOM_NL__2PRFIN20090806_063047_000000552081_00235_38866_6164.N1	06-AUG-2009 06:30:47	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38866	No
60	GOM_NL__2PRFIN20090806_063430_000000592081_00235_38866_6165.N1	06-AUG-2009 06:34:30	Straylight	58.500	63	Bet Gru	2.1500	2800.0	117	38866	No
61	GOM_NL__2PRFIN20090806_063918_000000592081_00235_38866_6166.N1	06-AUG-2009 06:39:18	Tw_i_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	38866	No
62	GOM_NL__2PRFIN20090806_064554_000000482081_00235_38866_6167.N1	06-AUG-2009 06:45:54	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38866	No
63	GOM_NL__2PRFIN20090806_064948_000000472081_00235_38866_6168.N1	06-AUG-2009 06:49:48	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	38866	No
64	GOM_NL__2PRFIN20090806_070201_000000422081_00235_38866_6169.N1	06-AUG-2009 07:02:01	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	38866	No
65	GOM_NL__2PRFIN20090806_070322_000000402081_00235_38866_6170.N1	06-AUG-2009 07:03:22	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	38866	No
66	GOM_NL__2PRFIN20090806_070512_000000402081_00235_38866_6171.N1	06-AUG-2009 07:05:12	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38866	No
67	GOM_NL__2PRFIN20090806_071038_000000392081_00235_38866_6172.N1	06-AUG-2009 07:10:38	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38866	No
68	GOM_NL__2PRFIN20090806_071635_000000612081_00235_38866_6173.N1	06-AUG-2009 07:16:35	Bright	60.500	74	11Bet Cas	2.2680	6600.0	121	38866	No
69	GOM_NL__2PRFIN20090806_071840_000000492081_00235_38866_6174.N1	06-AUG-2009 07:18:40	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38866	No
70	GOM_NL__2PRFIN20090806_072526_000000492081_00235_38866_6175.N1	06-AUG-2009 07:25:26	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	38866	No
71	GOM_NL__2PRFIN20090806_072712_000000552081_00235_38866_6176.N1	06-AUG-2009 07:27:12	Bright	55.000	35	33Alp Per	1.7950	6250.0	110	38866	No
72	GOM_NL__2PRFIN20090806_072938_000000452081_00235_38866_6177.N1	06-AUG-2009 07:29:38	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38866	No
73	GOM_NL__2PRFIN20090806_073128_000000512081_00235_38866_6178.N1	06-AUG-2009 07:31:28	Bright	50.500	149	45Eps Per	2.8880	30000.	101	38866	No
74	GOM_NL__2PRFIN20090806_073504_000000482081_00235_38866_6179.N1	06-AUG-2009 07:35:04	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	38866	No
75	GOM_NL__2PRFIN20090806_073959_000000682081_00235_38866_6180.N1	06-AUG-2009 07:39:59	Dark	67.500	13	87Alp Tau	0.86700	3800.0	135	38866	No
76	GOM_NL__2PRFIN20090806_074547_000000462081_00235_38866_6181.N1	06-AUG-2009 07:45:47	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38866	No
77	GOM_NL__2PRFIN20090806_075144_000000602081_00235_38866_6182.N1	06-AUG-2009 07:51:44	Dark	59.500	165	34Gam Eri	2.9500	3200.0	119	38866	No
78	GOM_NL__2PRFIN20090806_080106_000000472081_00236_38867_6177.N1	06-AUG-2009 08:01:06	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38867	No
79	GOM_NL__2PRFIN20090806_081124_000000552081_00236_38867_6178.N1	06-AUG-2009 08:11:24	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38867	No
80	GOM_NL__2PRFIN20090806_081507_000000512081_00236_38867_6179.N1	06-AUG-2009 08:15:07	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	38867	No
81	GOM_NL__2PRFIN20090806_081955_000000602081_00236_38867_6180.N1	06-AUG-2009 08:19:55	Tw_i_and_stray	59.500	18	24Alp PsA	1.1660	9700.0	119	38867	No
82	GOM_NL__2PRFIN20090806_082630_000000482081_00236_38867_6181.N1	06-AUG-2009 08:26:30	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38867	No
83	GOM_NL__2PRFIN20090806_083023_000000472081_00236_38867_6182.N1	06-AUG-2009 08:30:23	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	38867	No
84	GOM_NL__2PRFIN20090806_084237_000000422081_00236_38867_6183.N1	06-AUG-2009 08:42:37	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	38867	No
85	GOM_NL__2PRFIN20090806_084358_000000402081_00236_38867_6184.N1	06-AUG-2009 08:43:58	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	38867	No
86	GOM_NL__2PRFIN20090806_084547_000000422081_00236_38867_6185.N1	06-AUG-2009 08:45:47	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	38867	No
87	GOM_NL__2PRFIN20090806_085113_000000392081_00236_38867_6186.N1	06-AUG-2009 08:51:13	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38867	No
88	GOM_NL__2PRFIN20090806_085710_000000502081_00236_38867_6187.N1	06-AUG-2009 08:57:10	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38867	No
89	GOM_NL__2PRFIN20090806_085916_000000502081_00236_38867_6188.N1	06-AUG-2009 08:59:16	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38867	No
90	GOM_NL__2PRFIN20090806_090602_000000492081_00236_38867_6189.N1	06-AUG-2009 09:06:02	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	38867	No
91	GOM_NL__2PRFIN20090806_090748_000000542081_00236_38867_6190.N1	06-AUG-2009 09:07:48	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	38867	No
92	GOM_NL__2PRFIN20090806_091014_000000442081_00236_38867_6191.N1	06-AUG-2009 09:10:14	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	38867	No
93	GOM_NL__2PRFIN20090806_091204_000000512081_00236_38867_6192.N1	06-AUG-2009 09:12:04	Bright	50.500	149	45Eps Per	2.8880	30000.	101	38867	No
94	GOM_NL__2PRFIN20090806_091540_000000472081_00236_38867_6193.N1	06-AUG-2009 09:15:40	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38867	No
95	GOM_NL__2PRFIN20090806_092035_000000632081_00236_38867_6194.N1	06-AUG-2009 09:20:35	Dark	62.500	13	87Alp Tau	0.86700	3800.0	125	38867	No
96	GOM_NL__2PRFIN20090806_092624_000000462081_00236_38867_6195.N1	06-AUG-2009 09:26:24	Dark	45.500	128	67Bet Eri	2.7840	9700.0	91	38867	No
97	GOM_NL__2PRFIN20090806_093221_000000612081_00236_38867_6196.N1	06-AUG-2009 09:32:21	Dark	61.000	165	34Gam Eri	2.9500	3200.0	122	38867	No
98	GOM_NL__2PRFIN20090806_094143_000000502081_00237_38868_6194.N1	06-AUG-2009 09:41:43	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38868	No
99	GOM_NL__2PRFIN20090806_095201_000000542081_00237_38868_6195.N1	06-AUG-2009 09:52:01	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38868	No
100	GOM_NL__2PRFIN20090806_095543_000000502081_00237_38868_6196.N1	06-AUG-2009 09:55:43	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	38868	No
101	GOM_NL__2PRFIN20090806_100031_000000612081_00237_38868_6197.N1	06-AUG-2009 10:00:31	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38868	No

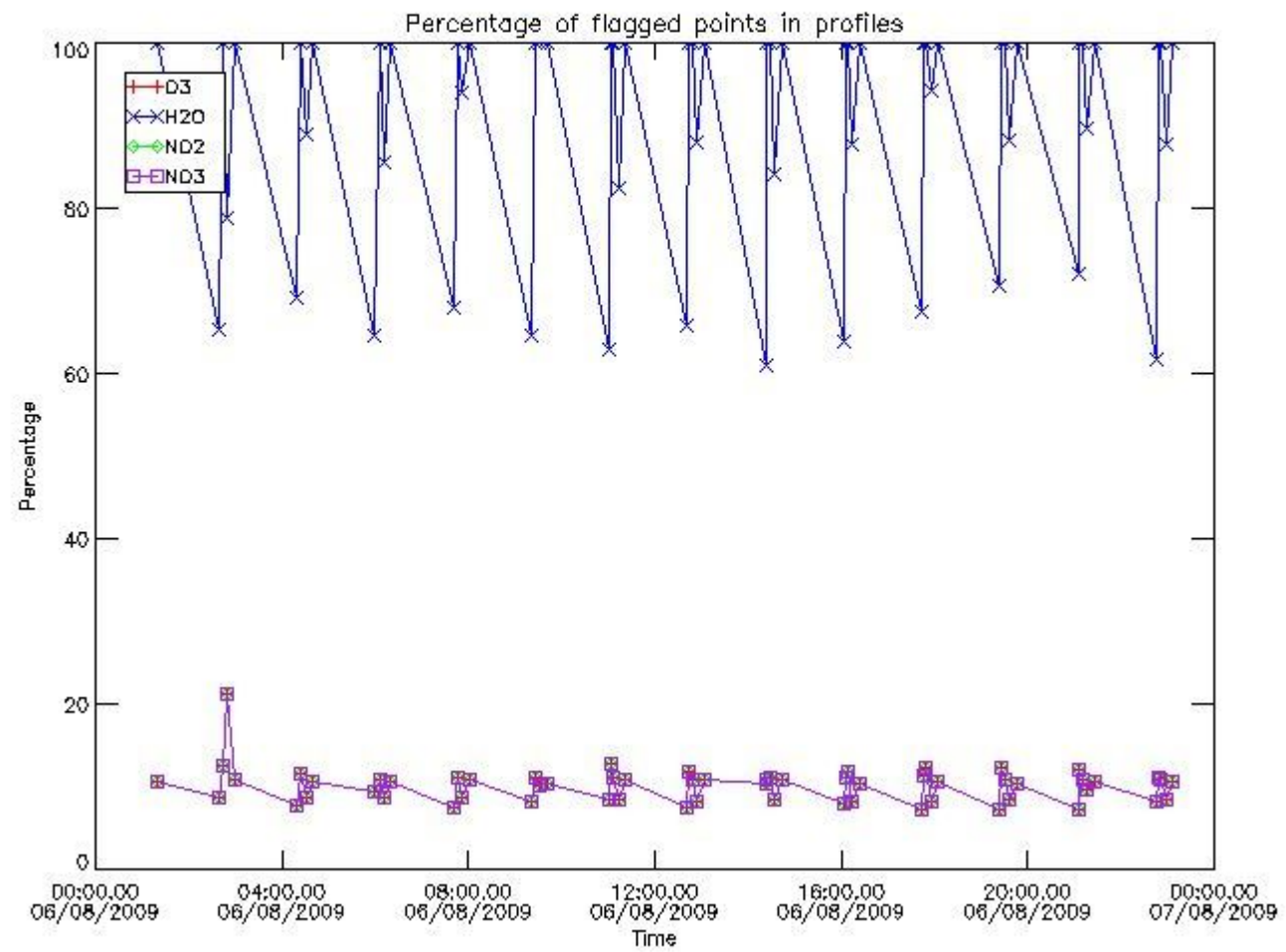
102	GOM_NL__2PRFIN20090806_100706_000000682081_00237_38868_6198.N1	06-AUG-2009 10:07:06	Bright	68.000	142	49Del Cap	2.8500	8900.0	136	38868	No
103	GOM_NL__2PRFIN20090806_101059_000000482081_00237_38868_6199.N1	06-AUG-2009 10:10:59	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38868	No
104	GOM_NL__2PRFIN20090806_102312_000000432081_00237_38868_6200.N1	06-AUG-2009 10:23:12	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38868	No
105	GOM_NL__2PRFIN20090806_102433_000000402081_00237_38868_6201.N1	06-AUG-2009 10:24:33	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	38868	No
106	GOM_NL__2PRFIN20090806_102623_000000432081_00237_38868_6202.N1	06-AUG-2009 10:26:23	Bright	42.500	19	50Alp Cyg	1.2460	10500.	85	38868	No
107	GOM_NL__2PRFIN20090806_103149_000000392081_00237_38868_6203.N1	06-AUG-2009 10:31:49	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38868	No
108	GOM_NL__2PRFIN20090806_103745_000000502081_00237_38868_6204.N1	06-AUG-2009 10:37:45	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38868	No
109	GOM_NL__2PRFIN20090806_103951_000000492081_00237_38868_6205.N1	06-AUG-2009 10:39:51	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38868	No
110	GOM_NL__2PRFIN20090806_104637_000000722081_00237_38868_6206.N1	06-AUG-2009 10:46:37	Bright	72.000	160	23Gam Per	2.9300	4700.0	144	38868	No
111	GOM_NL__2PRFIN20090806_104823_000000532081_00237_38868_6207.N1	06-AUG-2009 10:48:23	Bright	53.000	35	33Alp Per	1.7950	6250.0	106	38868	No
112	GOM_NL__2PRFIN20090806_105049_000000452081_00237_38868_6208.N1	06-AUG-2009 10:50:49	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	38868	No
113	GOM_NL__2PRFIN20090806_105240_000000542081_00237_38868_6209.N1	06-AUG-2009 10:52:40	Bright	53.500	149	45Eps Per	2.8880	30000.	107	38868	No
114	GOM_NL__2PRFIN20090806_105616_000000492081_00237_38868_6210.N1	06-AUG-2009 10:56:16	Bright	49.000	28	12Bet Tau	1.6500	15200.	98	38868	No
115	GOM_NL__2PRFIN20090806_110112_000000612081_00237_38868_6211.N1	06-AUG-2009 11:01:12	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	38868	No
116	GOM_NL__2PRFIN20090806_110309_000000442081_00237_38868_6212.N1	06-AUG-2009 11:03:09	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	38868	No
117	GOM_NL__2PRFIN20090806_110700_000000462081_00237_38868_6213.N1	06-AUG-2009 11:07:00	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38868	No
118	GOM_NL__2PRFIN20090806_111258_000000602081_00237_38868_6214.N1	06-AUG-2009 11:12:58	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38868	No
119	GOM_NL__2PRFIN20090806_112219_000000472081_00238_38869_6209.N1	06-AUG-2009 11:22:19	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38869	No
120	GOM_NL__2PRFIN20090806_113238_000000592081_00238_38869_6210.N1	06-AUG-2009 11:32:38	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	38869	No
121	GOM_NL__2PRFIN20090806_113620_000000492081_00238_38869_6211.N1	06-AUG-2009 11:36:20	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	38869	No
122	GOM_NL__2PRFIN20090806_114108_000000622081_00238_38869_6212.N1	06-AUG-2009 11:41:08	Tw_i_and_stray	61.500	18	24Alp PsA	1.1660	9700.0	123	38869	No
123	GOM_NL__2PRFIN20090806_114742_000000462081_00238_38869_6213.N1	06-AUG-2009 11:47:42	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	38869	No
124	GOM_NL__2PRFIN20090806_115135_000000472081_00238_38869_6214.N1	06-AUG-2009 11:51:35	Bright	47.000	154	22Bet Aqr	2.8990	5700.0	94	38869	No
125	GOM_NL__2PRFIN20090806_120348_000000402081_00238_38869_6215.N1	06-AUG-2009 12:03:48	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38869	No
126	GOM_NL__2PRFIN20090806_120509_000000382081_00238_38869_6216.N1	06-AUG-2009 12:05:09	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	38869	No
127	GOM_NL__2PRFIN20090806_120658_000000582081_00238_38869_6217.N1	06-AUG-2009 12:06:58	Bright	58.000	19	50Alp Cyg	1.2460	10500.	116	38869	No
128	GOM_NL__2PRFIN20090806_121224_000000402081_00238_38869_6218.N1	06-AUG-2009 12:12:24	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38869	No
129	GOM_NL__2PRFIN20090806_121820_000000482081_00238_38869_6219.N1	06-AUG-2009 12:18:20	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38869	No
130	GOM_NL__2PRFIN20090806_122026_000000472081_00238_38869_6220.N1	06-AUG-2009 12:20:26	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38869	No
131	GOM_NL__2PRFIN20090806_122713_000000482081_00238_38869_6221.N1	06-AUG-2009 12:27:13	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	38869	No
132	GOM_NL__2PRFIN20090806_122859_000000522081_00238_38869_6222.N1	06-AUG-2009 12:28:59	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38869	No
133	GOM_NL__2PRFIN20090806_123125_000000572081_00238_38869_6223.N1	06-AUG-2009 12:31:25	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	38869	No
134	GOM_NL__2PRFIN20090806_123316_000000502081_00238_38869_6224.N1	06-AUG-2009 12:33:16	Bright	50.000	149	45Eps Per	2.8880	30000.	100	38869	No
135	GOM_NL__2PRFIN20090806_123652_000000492081_00238_38869_6225.N1	06-AUG-2009 12:36:52	Bright	48.500	28	12Bet Tau	1.6500	15200.	97	38869	No
136	GOM_NL__2PRFIN20090806_124148_000000692081_00238_38869_6226.N1	06-AUG-2009 12:41:48	Dark	69.000	13	87Alp Tau	0.86700	3800.0	138	38869	No
137	GOM_NL__2PRFIN20090806_124344_000000432081_00238_38869_6227.N1	06-AUG-2009 12:43:44	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	38869	No
138	GOM_NL__2PRFIN20090806_124737_000000472081_00238_38869_6228.N1	06-AUG-2009 12:47:37	Dark	47.000	128	67Bet Eri	2.7840	9700.0	94	38869	No
139	GOM_NL__2PRFIN20090806_125335_000000632081_00238_38869_6229.N1	06-AUG-2009 12:53:35	Dark	62.500	165	34Gam Eri	2.9500	3200.0	125	38869	No
140	GOM_NL__2PRFIN20090806_130256_000000472081_00239_38870_6244.N1	06-AUG-2009 13:02:56	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38870	No
141	GOM_NL__2PRFIN20090806_131315_000000542081_00239_38870_6245.N1	06-AUG-2009 13:13:15	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38870	No
142	GOM_NL__2PRFIN20090806_131656_000000482081_00239_38870_6246.N1	06-AUG-2009 13:16:56	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	38870	No
143	GOM_NL__2PRFIN20090806_132144_000000602081_00239_38870_6247.N1	06-AUG-2009 13:21:44	Tw_i_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38870	No
144	GOM_NL__2PRFIN20090806_132818_000000682081_00239_38870_6248.N1	06-AUG-2009 13:28:18	Bright	68.000	142	49Del Cap	2.8500	8900.0	136	38870	No
145	GOM_NL__2PRFIN20090806_133211_000000462081_00239_38870_6249.N1	06-AUG-2009 13:32:11	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38870	No
146	GOM_NL__2PRFIN20090806_134423_000000602081_00239_38870_6250.N1	06-AUG-2009 13:44:23	Bright	60.000	92	53Eps Cyg	2.5000	4500.0	120	38870	No
147	GOM_NL__2PRFIN20090806_134545_000000402081_00239_38870_6251.N1	06-AUG-2009 13:45:45	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	38870	No
148	GOM_NL__2PRFIN20090806_134734_000000372081_00239_38870_6252.N1	06-AUG-2009 13:47:34	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	38870	No
149	GOM_NL__2PRFIN20090806_135300_000000402081_00239_38870_6253.N1	06-AUG-2009 13:53:00	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38870	No
150	GOM_NL__2PRFIN20090806_140101_000000482081_00239_38870_6254.N1	06-AUG-2009 14:01:01	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38870	No
151	GOM_NL__2PRFIN20090806_140748_000000492081_00239_38870_6255.N1	06-AUG-2009 14:07:48	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	38870	No
152	GOM_NL__2PRFIN20090806_140934_000000542081_00239_38870_6256.N1	06-AUG-2009 14:09:34	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38870	No
153	GOM_NL__2PRFIN20090806_141201_000000572081_00239_38870_6257.N1	06-AUG-2009 14:12:01	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	38870	No
154	GOM_NL__2PRFIN20090806_141352_000000532081_00239_38870_6258.N1	06-AUG-2009 14:13:52	Bright	52.500	149	45Eps Per	2.8880	30000.	105	38870	No
155	GOM_NL__2PRFIN20090806_141729_000000492081_00239_38870_6259.N1	06-AUG-2009 14:17:29	Bright	48.500	28	12Bet Tau	1.6500	15200.	97	38870	No
156	GOM_NL__2PRFIN20090806_142224_000000602081_00239_38870_6260.N1	06-AUG-2009 14:22:24	Dark	59.500	13	87Alp Tau	0.86700	3800.0	119	38870	No
157	GOM_NL__2PRFIN20090806_142420_000000472081_00239_38870_6261.N1	06-AUG-2009 14:24:20	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	38870	No
158	GOM_NL__2PRFIN20090806_142813_000000462081_00239_38870_6262.N1	06-AUG-2009 14:28:13	Dark	45.500	128	67Bet Eri	2.7840	9700.0	91	38870	No
159	GOM_NL__2PRFIN20090806_143412_000000602081_00239_38870_6263.N1	06-AUG-2009 14:34:12	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38870	No
160	GOM_NL__2PRFIN20090806_144333_000000482081_00240_38871_6258.N1	06-AUG-2009 14:43:33	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38871	No

161	GOM_NL__2PRFIN20090806_145352_000000522081_00240_38871_6259.N1	06-AUG-2009 14:53:52	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	38871	No
162	GOM_NL__2PRFIN20090806_145733_000000542081_00240_38871_6260.N1	06-AUG-2009 14:57:33	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38871	No
163	GOM_NL__2PRFIN20090806_150221_000000612081_00240_38871_6261.N1	06-AUG-2009 15:02:21	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38871	No
164	GOM_NL__2PRFIN20090806_150854_000000482081_00240_38871_6262.N1	06-AUG-2009 15:08:54	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38871	No
165	GOM_NL__2PRFIN20090806_151246_000000462081_00240_38871_6263.N1	06-AUG-2009 15:12:46	Bright	45.500	154	22Bet Agr	2.8990	5700.0	91	38871	No
166	GOM_NL__2PRFIN20090806_152459_000000422081_00240_38871_6264.N1	06-AUG-2009 15:24:59	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	38871	No
167	GOM_NL__2PRFIN20090806_152621_000000402081_00240_38871_6265.N1	06-AUG-2009 15:26:21	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	38871	No
168	GOM_NL__2PRFIN20090806_152809_000000542081_00240_38871_6266.N1	06-AUG-2009 15:28:09	Bright	53.500	19	50Alp Cyg	1.2460	10500.	107	38871	No
169	GOM_NL__2PRFIN20090806_153336_000000412081_00240_38871_6267.N1	06-AUG-2009 15:33:36	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38871	No
170	GOM_NL__2PRFIN20090806_153931_000000502081_00240_38871_6268.N1	06-AUG-2009 15:39:31	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38871	No
171	GOM_NL__2PRFIN20090806_154137_000000472081_00240_38871_6269.N1	06-AUG-2009 15:41:37	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38871	No
172	GOM_NL__2PRFIN20090806_154824_000000542081_00240_38871_6270.N1	06-AUG-2009 15:48:24	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	38871	No
173	GOM_NL__2PRFIN20090806_155010_000000532081_00240_38871_6271.N1	06-AUG-2009 15:50:10	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38871	No
174	GOM_NL__2PRFIN20090806_155237_000000482081_00240_38871_6272.N1	06-AUG-2009 15:52:37	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	38871	No
175	GOM_NL__2PRFIN20090806_155428_000000502081_00240_38871_6273.N1	06-AUG-2009 15:54:28	Bright	49.500	149	45Eps Per	2.8880	30000.	99	38871	No
176	GOM_NL__2PRFIN20090806_155805_000000472081_00240_38871_6274.N1	06-AUG-2009 15:58:05	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	38871	No
177	GOM_NL__2PRFIN20090806_160301_000000642081_00240_38871_6275.N1	06-AUG-2009 16:03:01	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	38871	No
178	GOM_NL__2PRFIN20090806_160457_000000462081_00240_38871_6276.N1	06-AUG-2009 16:04:57	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	38871	No
179	GOM_NL__2PRFIN20090806_160850_000000482081_00240_38871_6277.N1	06-AUG-2009 16:08:50	Dark	47.500	128	67Bet Eri	2.7840	9700.0	95	38871	No
180	GOM_NL__2PRFIN20090806_161449_000000622081_00240_38871_6278.N1	06-AUG-2009 16:14:49	Dark	62.000	165	34Gam Eri	2.9500	3200.0	124	38871	No
181	GOM_NL__2PRFIN20090806_162410_000000492081_00241_38872_6272.N1	06-AUG-2009 16:24:10	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38872	No
182	GOM_NL__2PRFIN20090806_163429_000000542081_00241_38872_6273.N1	06-AUG-2009 16:34:29	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38872	No
183	GOM_NL__2PRFIN20090806_163809_000000462081_00241_38872_6274.N1	06-AUG-2009 16:38:09	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	38872	No
184	GOM_NL__2PRFIN20090806_164257_000000612081_00241_38872_6275.N1	06-AUG-2009 16:42:57	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38872	No
185	GOM_NL__2PRFIN20090806_164930_000000482081_00241_38872_6276.N1	06-AUG-2009 16:49:30	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38872	No
186	GOM_NL__2PRFIN20090806_165322_000000452081_00241_38872_6277.N1	06-AUG-2009 16:53:22	Bright	45.000	154	22Bet Agr	2.8990	5700.0	90	38872	No
187	GOM_NL__2PRFIN20090806_170535_000000402081_00241_38872_6278.N1	06-AUG-2009 17:05:35	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38872	No
188	GOM_NL__2PRFIN20090806_170656_000000382081_00241_38872_6279.N1	06-AUG-2009 17:06:56	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	38872	No
189	GOM_NL__2PRFIN20090806_170845_000000582081_00241_38872_6280.N1	06-AUG-2009 17:08:45	Bright	58.000	19	50Alp Cyg	1.2460	10500.	116	38872	No
190	GOM_NL__2PRFIN20090806_171411_000000402081_00241_38872_6281.N1	06-AUG-2009 17:14:11	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38872	No
191	GOM_NL__2PRFIN20090806_172006_000000732081_00241_38872_6282.N1	06-AUG-2009 17:20:06	Bright	73.000	74	11Bet Cas	2.2680	6600.0	146	38872	No
192	GOM_NL__2PRFIN20090806_172212_000000492081_00241_38872_6283.N1	06-AUG-2009 17:22:12	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38872	No
193	GOM_NL__2PRFIN20090806_172859_000000502081_00241_38872_6284.N1	06-AUG-2009 17:28:59	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38872	No
194	GOM_NL__2PRFIN20090806_173046_000000532081_00241_38872_6285.N1	06-AUG-2009 17:30:46	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38872	No
195	GOM_NL__2PRFIN20090806_173313_000000482081_00241_38872_6286.N1	06-AUG-2009 17:33:13	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	38872	No
196	GOM_NL__2PRFIN20090806_173503_000000552081_00241_38872_6287.N1	06-AUG-2009 17:35:03	Bright	54.500	149	45Eps Per	2.8880	30000.	109	38872	No
197	GOM_NL__2PRFIN20090806_173841_000000462081_00241_38872_6288.N1	06-AUG-2009 17:38:41	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	38872	No
198	GOM_NL__2PRFIN20090806_174337_000000702081_00241_38872_6289.N1	06-AUG-2009 17:43:37	Dark	69.500	13	87Alp Tau	0.86700	3800.0	139	38872	No
199	GOM_NL__2PRFIN20090806_174533_000000452081_00241_38872_6290.N1	06-AUG-2009 17:45:33	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	38872	No
200	GOM_NL__2PRFIN20090806_174926_000000462081_00241_38872_6291.N1	06-AUG-2009 17:49:26	Dark	45.500	128	67Bet Eri	2.7840	9700.0	91	38872	No
201	GOM_NL__2PRFIN20090806_175526_000000622081_00241_38872_6292.N1	06-AUG-2009 17:55:26	Dark	61.500	165	34Gam Eri	2.9500	3200.0	123	38872	No
202	GOM_NL__2PRFIN20090806_180448_000000492081_00242_38873_6288.N1	06-AUG-2009 18:04:48	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38873	No
203	GOM_NL__2PRFIN20090806_181506_000000552081_00242_38873_6289.N1	06-AUG-2009 18:15:06	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38873	No
204	GOM_NL__2PRFIN20090806_181846_000000582081_00242_38873_6290.N1	06-AUG-2009 18:18:46	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	38873	No
205	GOM_NL__2PRFIN20090806_182334_000000602081_00242_38873_6291.N1	06-AUG-2009 18:23:34	Tw_i_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38873	No
206	GOM_NL__2PRFIN20090806_183006_000000482081_00242_38873_6292.N1	06-AUG-2009 18:30:06	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38873	No
207	GOM_NL__2PRFIN20090806_183358_000000482081_00242_38873_6293.N1	06-AUG-2009 18:33:58	Bright	48.000	154	22Bet Agr	2.8990	5700.0	96	38873	No
208	GOM_NL__2PRFIN20090806_184610_000000402081_00242_38873_6294.N1	06-AUG-2009 18:46:10	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38873	No
209	GOM_NL__2PRFIN20090806_184732_000000512081_00242_38873_6295.N1	06-AUG-2009 18:47:32	Bright	51.000	66	37Gam Cyg	2.2080	5900.0	102	38873	No
210	GOM_NL__2PRFIN20090806_184920_000000412081_00242_38873_6296.N1	06-AUG-2009 18:49:20	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38873	No
211	GOM_NL__2PRFIN20090806_185447_000000412081_00242_38873_6297.N1	06-AUG-2009 18:54:47	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38873	No
212	GOM_NL__2PRFIN20090806_190041_000000512081_00242_38873_6298.N1	06-AUG-2009 19:00:41	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38873	No
213	GOM_NL__2PRFIN20090806_190247_000000482081_00242_38873_6299.N1	06-AUG-2009 19:02:47	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38873	No
214	GOM_NL__2PRFIN20090806_190935_000000502081_00242_38873_6300.N1	06-AUG-2009 19:09:35	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38873	No
215	GOM_NL__2PRFIN20090806_191121_000000522081_00242_38873_6301.N1	06-AUG-2009 19:11:21	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38873	No
216	GOM_NL__2PRFIN20090806_191349_000000472081_00242_38873_6302.N1	06-AUG-2009 19:13:49	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	38873	No
217	GOM_NL__2PRFIN20090806_191539_000000482081_00242_38873_6303.N1	06-AUG-2009 19:15:39	Bright	47.500	149	45Eps Per	2.8880	30000.	95	38873	No
218	GOM_NL__2PRFIN20090806_191917_000000482081_00242_38873_6304.N1	06-AUG-2009 19:19:17	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	38873	No
219	GOM_NL__2PRFIN20090806_192414_000000702081_00242_38873_6305.N1	06-AUG-2009 19:24:14	Dark	70.000	13	87Alp Tau	0.86700	3800.0	140	38873	No

220	GOM_NL__2PRFIN20090806_192609_000000462081_00242_38873_6306.N1	06-AUG-2009 19:26:09	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	38873	No
221	GOM_NL__2PRFIN20090806_193003_000000472081_00242_38873_6307.N1	06-AUG-2009 19:30:03	Dark	46.500	128	67Bet Eri	2.7840	9700.0	93	38873	No
222	GOM_NL__2PRFIN20090806_193603_000000602081_00242_38873_6308.N1	06-AUG-2009 19:36:03	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38873	No
223	GOM_NL__2PRFIN20090806_194524_000000502081_00243_38874_6303.N1	06-AUG-2009 19:45:24	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38874	No
224	GOM_NL__2PRFIN20090806_195543_000000532081_00243_38874_6304.N1	06-AUG-2009 19:55:43	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38874	No
225	GOM_NL__2PRFIN20090806_195922_000000582081_00243_38874_6305.N1	06-AUG-2009 19:59:22	Straylight	58.000	63	Bet Gru	2.1500	2800.0	116	38874	No
226	GOM_NL__2PRFIN20090806_200410_000000612081_00243_38874_6306.N1	06-AUG-2009 20:04:10	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38874	No
227	GOM_NL__2PRFIN20090806_201042_000000472081_00243_38874_6307.N1	06-AUG-2009 20:10:42	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38874	No
228	GOM_NL__2PRFIN20090806_201434_000000492081_00243_38874_6308.N1	06-AUG-2009 20:14:34	Bright	48.500	154	22Bet Aqr	2.8990	5700.0	97	38874	No
229	GOM_NL__2PRFIN20090806_202646_000000402081_00243_38874_6309.N1	06-AUG-2009 20:26:46	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38874	No
230	GOM_NL__2PRFIN20090806_202808_000000572081_00243_38874_6310.N1	06-AUG-2009 20:28:08	Bright	57.000	66	37Gam Cyg	2.2080	5900.0	114	38874	No
231	GOM_NL__2PRFIN20090806_202956_000000412081_00243_38874_6311.N1	06-AUG-2009 20:29:56	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38874	No
232	GOM_NL__2PRFIN20090806_203522_000000402081_00243_38874_6312.N1	06-AUG-2009 20:35:22	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38874	No
233	GOM_NL__2PRFIN20090806_204116_000000502081_00243_38874_6313.N1	06-AUG-2009 20:41:16	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38874	No
234	GOM_NL__2PRFIN20090806_204322_000000482081_00243_38874_6314.N1	06-AUG-2009 20:43:22	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38874	No
235	GOM_NL__2PRFIN20090806_205010_000000722081_00243_38874_6315.N1	06-AUG-2009 20:50:10	Bright	72.000	160	23Gam Per	2.9300	4700.0	144	38874	No
236	GOM_NL__2PRFIN20090806_205157_000000542081_00243_38874_6316.N1	06-AUG-2009 20:51:57	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	38874	No
237	GOM_NL__2PRFIN20090806_205425_000000452081_00243_38874_6317.N1	06-AUG-2009 20:54:25	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38874	No
238	GOM_NL__2PRFIN20090806_205615_000000472081_00243_38874_6318.N1	06-AUG-2009 20:56:15	Bright	46.500	149	45Eps Per	2.8880	30000.	93	38874	No
239	GOM_NL__2PRFIN20090806_205953_000000482081_00243_38874_6319.N1	06-AUG-2009 20:59:53	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	38874	No
240	GOM_NL__2PRFIN20090806_210450_000000702081_00243_38874_6320.N1	06-AUG-2009 21:04:50	Dark	70.000	13	87Alp Tau	0.86700	3800.0	140	38874	No
241	GOM_NL__2PRFIN20090806_210645_000000472081_00243_38874_6321.N1	06-AUG-2009 21:06:45	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38874	No
242	GOM_NL__2PRFIN20090806_211039_000000472081_00243_38874_6322.N1	06-AUG-2009 21:10:39	Dark	47.000	128	67Bet Eri	2.7840	9700.0	94	38874	No
243	GOM_NL__2PRFIN20090806_211641_000000592081_00243_38874_6323.N1	06-AUG-2009 21:16:41	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	38874	No
244	GOM_NL__2PRFIN20090806_212601_000000492081_00244_38875_6322.N1	06-AUG-2009 21:26:01	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38875	No
245	GOM_NL__2PRFIN20090806_213620_000000532081_00244_38875_6323.N1	06-AUG-2009 21:36:20	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	38875	No
246	GOM_NL__2PRFIN20090806_213959_000000602081_00244_38875_6324.N1	06-AUG-2009 21:39:59	Straylight	59.500	63	Bet Gru	2.1500	2800.0	119	38875	No
247	GOM_NL__2PRFIN20090806_214447_000000592081_00244_38875_6325.N1	06-AUG-2009 21:44:47	Tw_i_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	38875	No
248	GOM_NL__2PRFIN20090806_215119_000000492081_00244_38875_6326.N1	06-AUG-2009 21:51:19	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	38875	No
249	GOM_NL__2PRFIN20090806_215510_000000462081_00244_38875_6327.N1	06-AUG-2009 21:55:10	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38875	No
250	GOM_NL__2PRFIN20090806_220721_000000392081_00244_38875_6328.N1	06-AUG-2009 22:07:21	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38875	No
251	GOM_NL__2PRFIN20090806_220843_000000392081_00244_38875_6329.N1	06-AUG-2009 22:08:43	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	38875	No
252	GOM_NL__2PRFIN20090806_221032_000000402081_00244_38875_6330.N1	06-AUG-2009 22:10:32	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38875	No
253	GOM_NL__2PRFIN20090806_221558_000000392081_00244_38875_6331.N1	06-AUG-2009 22:15:58	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38875	No
254	GOM_NL__2PRFIN20090806_222151_000000492081_00244_38875_6332.N1	06-AUG-2009 22:21:51	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38875	No
255	GOM_NL__2PRFIN20090806_222357_000000512081_00244_38875_6333.N1	06-AUG-2009 22:23:57	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38875	No
256	GOM_NL__2PRFIN20090806_223045_000000532081_00244_38875_6334.N1	06-AUG-2009 22:30:45	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	38875	No
257	GOM_NL__2PRFIN20090806_223232_000000542081_00244_38875_6335.N1	06-AUG-2009 22:32:32	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38875	No
258	GOM_NL__2PRFIN20090806_223501_000000482081_00244_38875_6336.N1	06-AUG-2009 22:35:01	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	38875	No
259	GOM_NL__2PRFIN20090806_223651_000000502081_00244_38875_6337.N1	06-AUG-2009 22:36:51	Bright	49.500	149	45Eps Per	2.8880	30000.	99	38875	No
260	GOM_NL__2PRFIN20090806_224029_000000482081_00244_38875_6338.N1	06-AUG-2009 22:40:29	Bright	48.000	28	12Bet Tau	1.6500	15200.	96	38875	No
261	GOM_NL__2PRFIN20090806_224526_000000632081_00244_38875_6339.N1	06-AUG-2009 22:45:26	Dark	63.000	13	87Alp Tau	0.86700	3800.0	126	38875	No
262	GOM_NL__2PRFIN20090806_224722_000000462081_00244_38875_6340.N1	06-AUG-2009 22:47:22	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	38875	No
263	GOM_NL__2PRFIN20090806_225116_000000462081_00244_38875_6341.N1	06-AUG-2009 22:51:16	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38875	No
264	GOM_NL__2PRFIN20090806_225718_000000612081_00244_38875_6342.N1	06-AUG-2009 22:57:18	Dark	61.000	165	34Gam Eri	2.9500	3200.0	122	38875	No
265	GOM_NL__2PRFIN20090806_230639_000000482081_00245_38876_6339.N1	06-AUG-2009 23:06:39	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38876	No
266	GOM_NL__2PRFIN20090806_231657_000000652081_00245_38876_6340.N1	06-AUG-2009 23:16:57	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	38876	No
267	GOM_NL__2PRFIN20090806_232035_000000562081_00245_38876_6341.N1	06-AUG-2009 23:20:35	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	38876	No
268	GOM_NL__2PRFIN20090806_232523_000000612081_00245_38876_6342.N1	06-AUG-2009 23:25:23	Tw_i_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	38876	No
269	GOM_NL__2PRFIN20090806_233154_000000482081_00245_38876_6343.N1	06-AUG-2009 23:31:54	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38876	No
270	GOM_NL__2PRFIN20090806_233545_000000682081_00245_38876_6344.N1	06-AUG-2009 23:35:45	Bright	68.000	154	22Bet Aqr	2.8990	5700.0	136	38876	No
271	GOM_NL__2PRFIN20090806_234757_000000442081_00245_38876_6345.N1	06-AUG-2009 23:47:57	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	38876	No
272	GOM_NL__2PRFIN20090806_234919_000000392081_00245_38876_6346.N1	06-AUG-2009 23:49:19	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	38876	No
273	GOM_NL__2PRFIN20090806_235107_000000382081_00245_38876_6347.N1	06-AUG-2009 23:51:07	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	38876	No
274	GOM_NL__2PRFIN20090806_235633_000000382081_00245_38876_6348.N1	06-AUG-2009 23:56:33	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38876	No

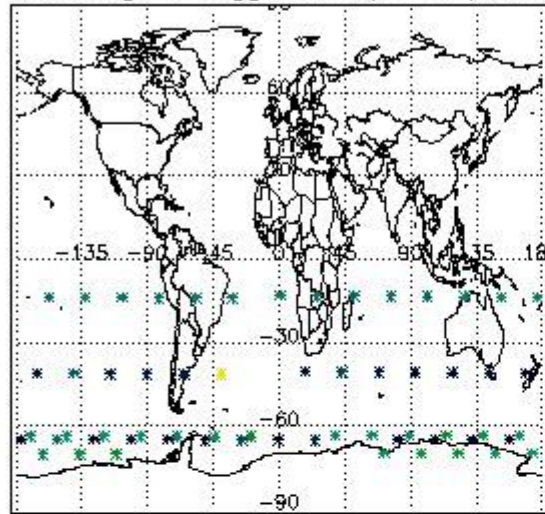
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

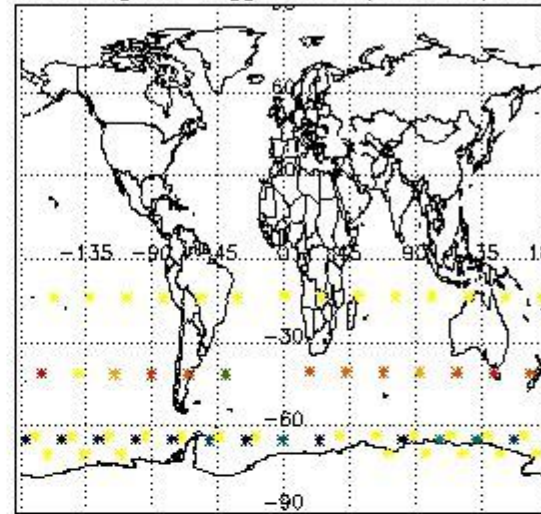


3.2 Plot quality information per product (world map)

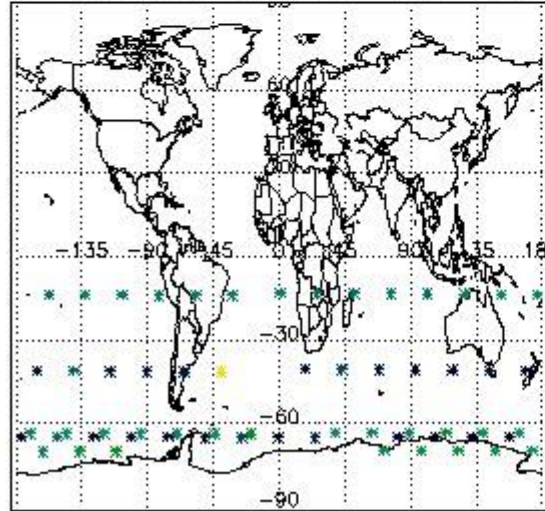
Percentage of flagged data per O3 profile



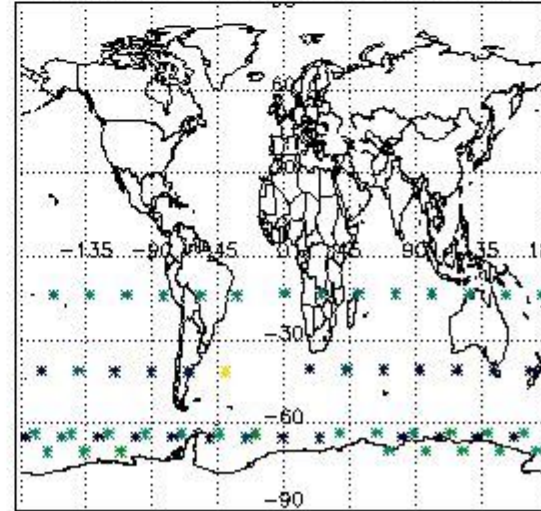
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

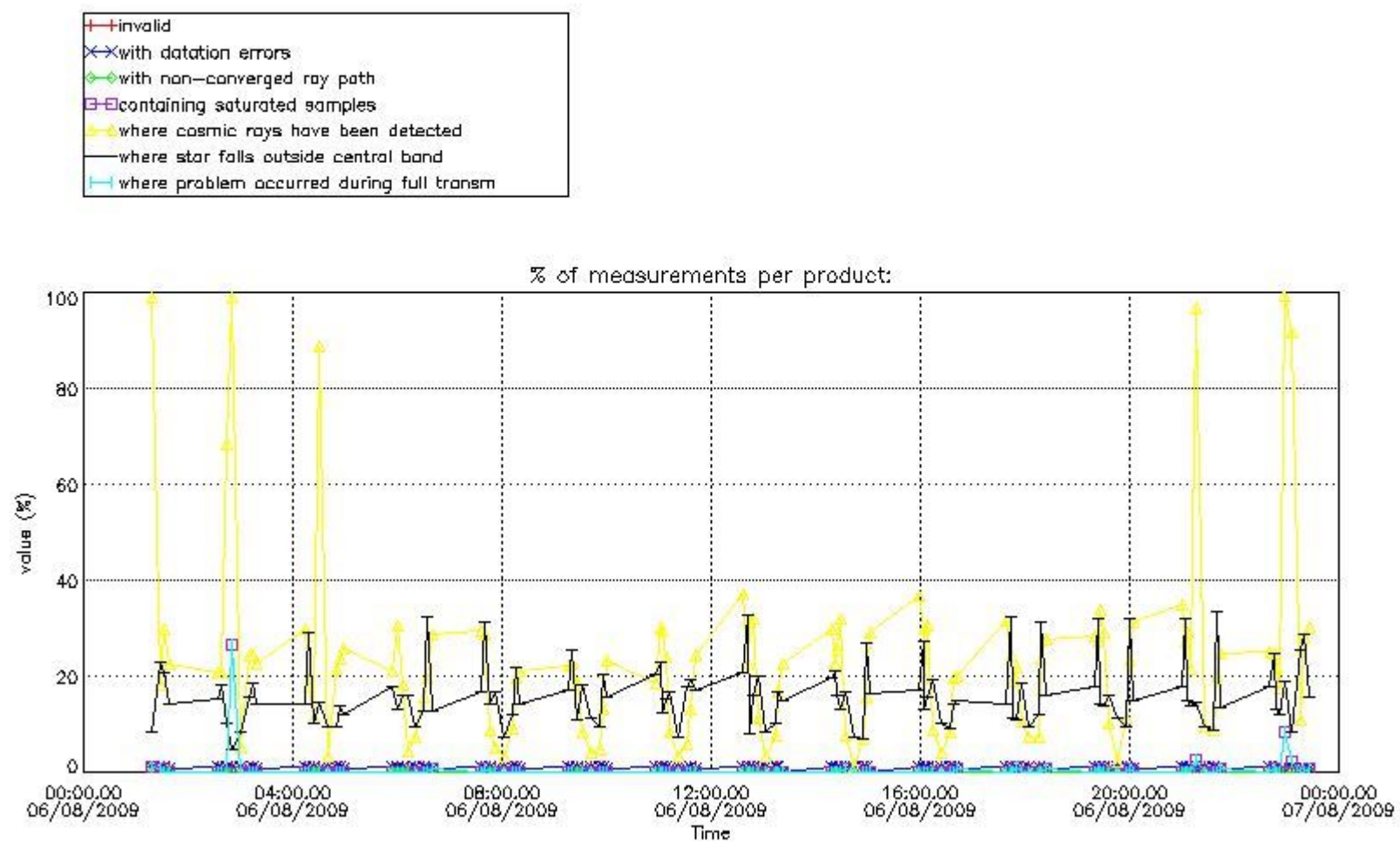


4. Level 1 quality information per product

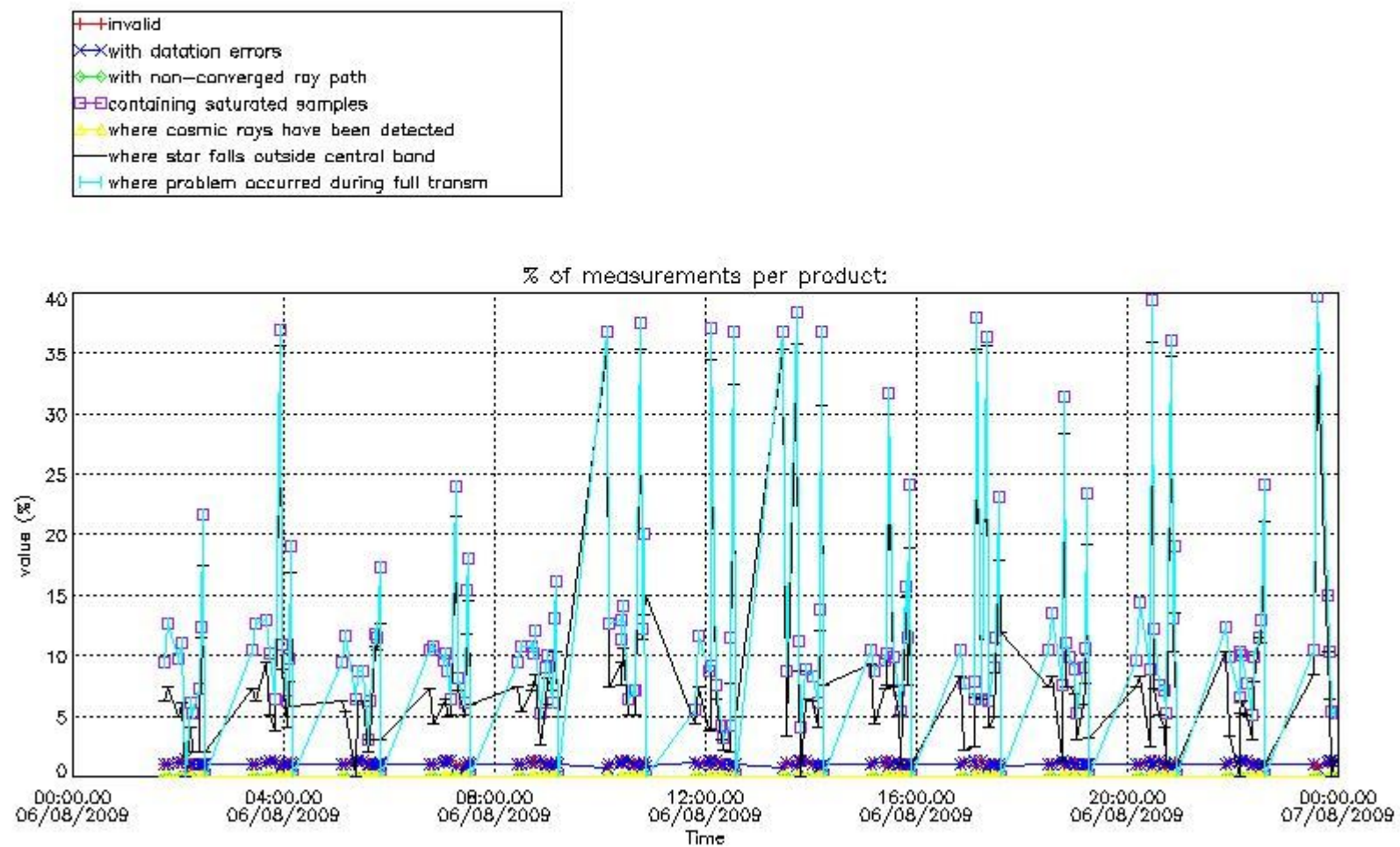
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



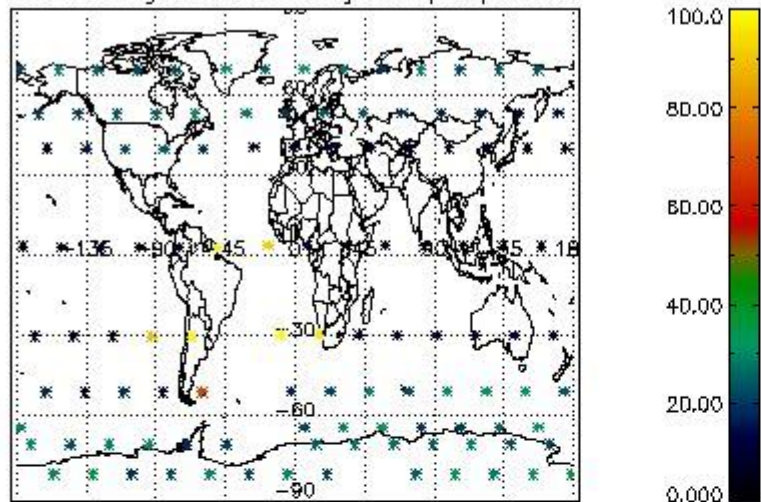
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



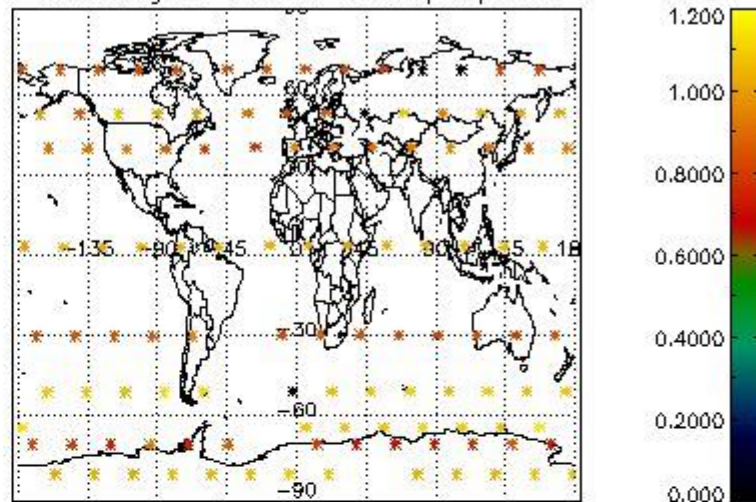
4.2 Plot quality information per product coming from level 1b processing (world map)

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

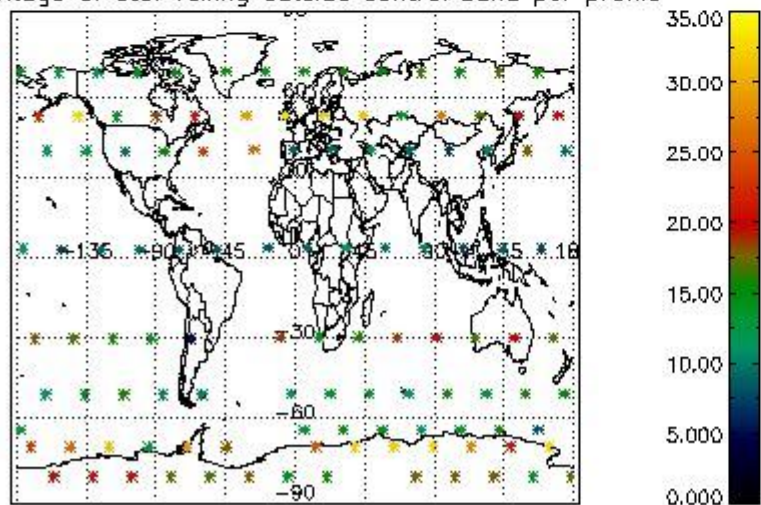
Percentage of cosmic ray hits per profile



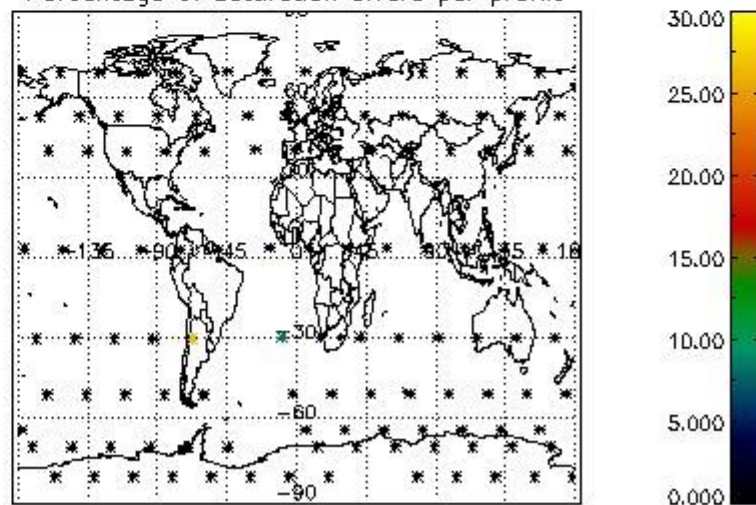
Percentage of datation errors per profile



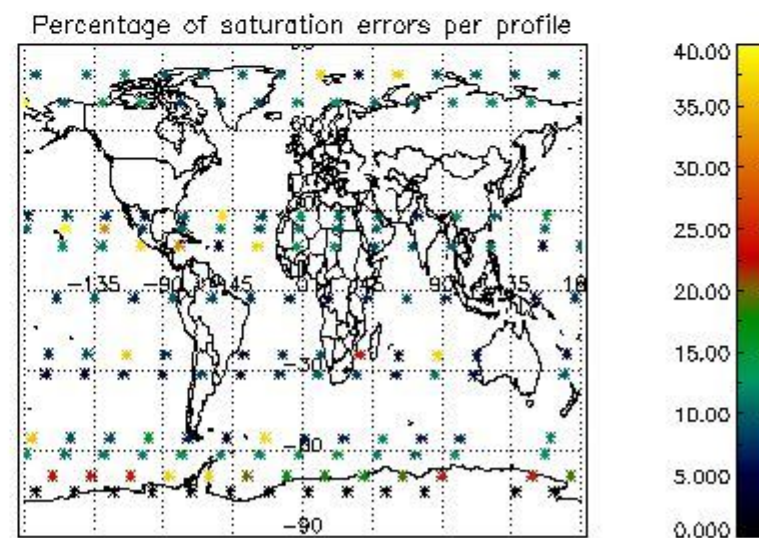
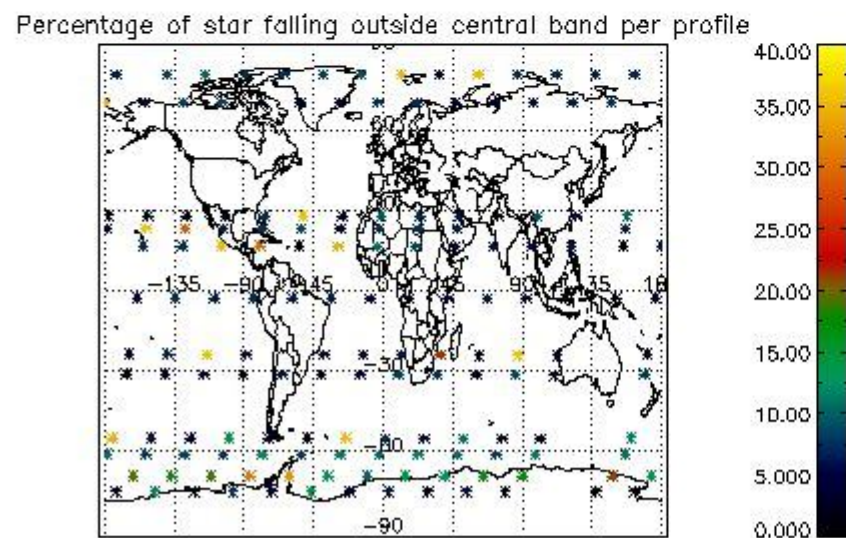
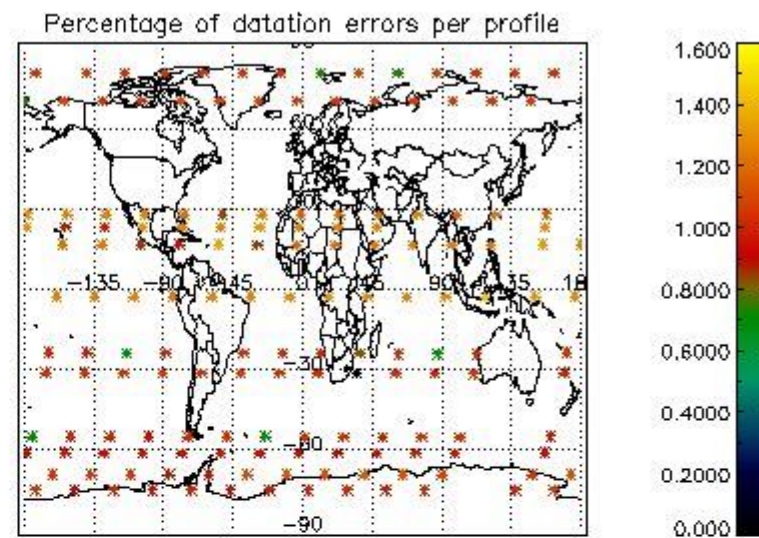
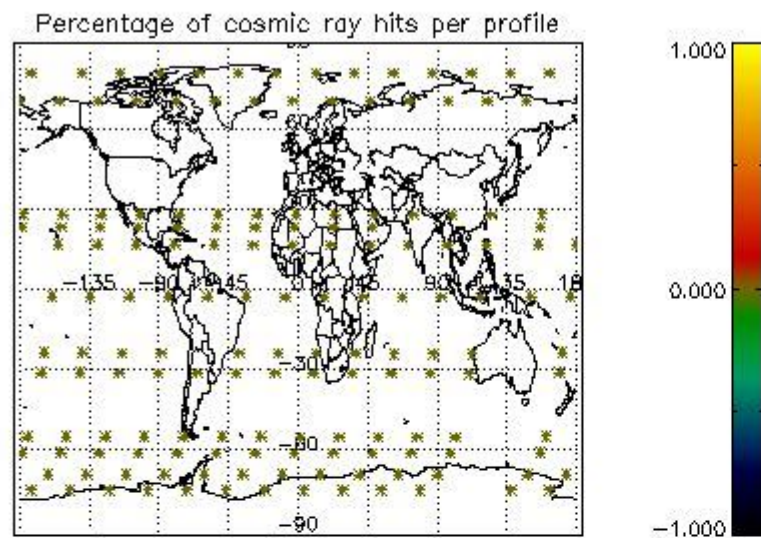
Percentage of star falling outside central band per profile



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

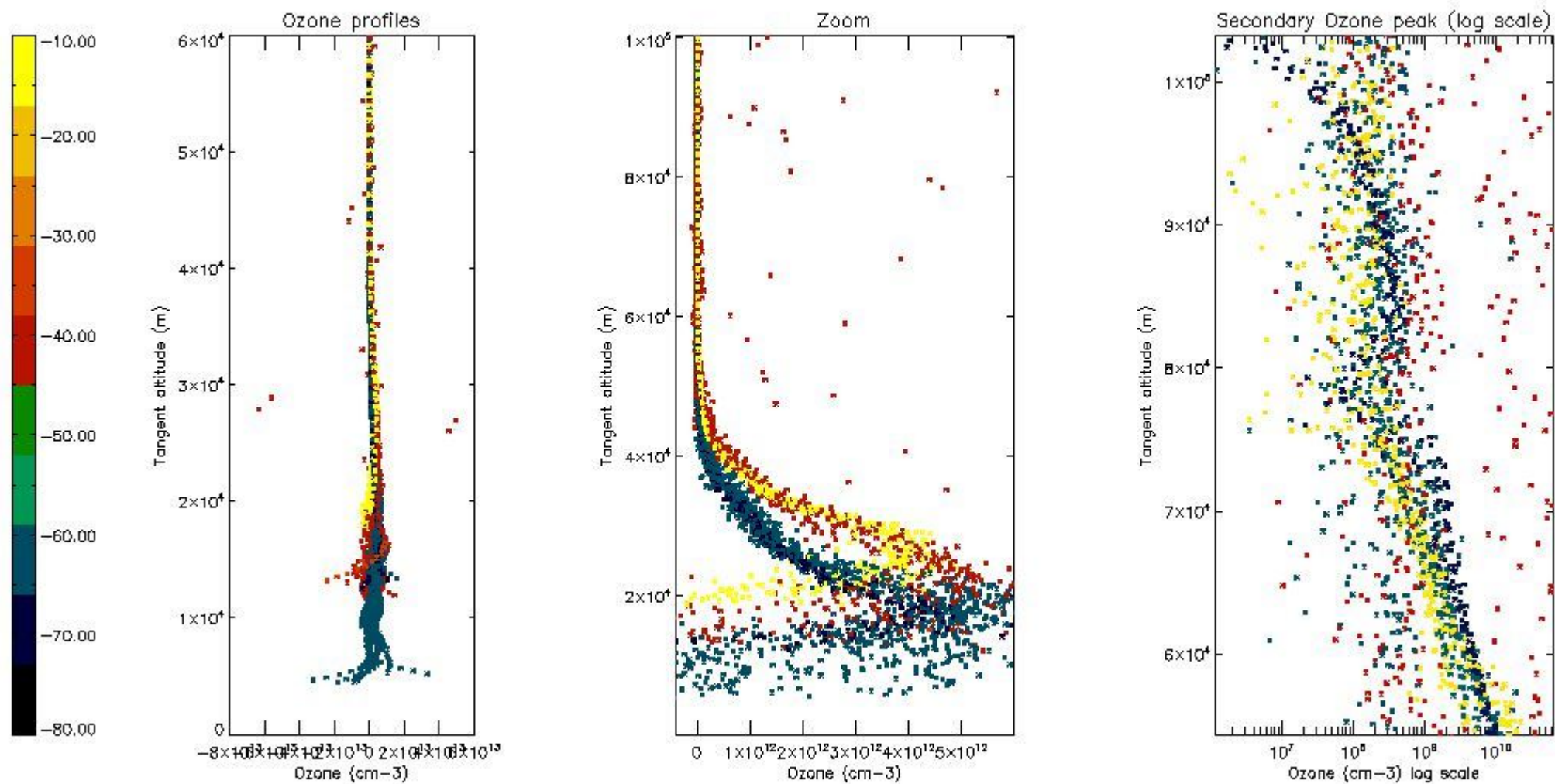
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	9

STD < 10	5
STD < 5	2

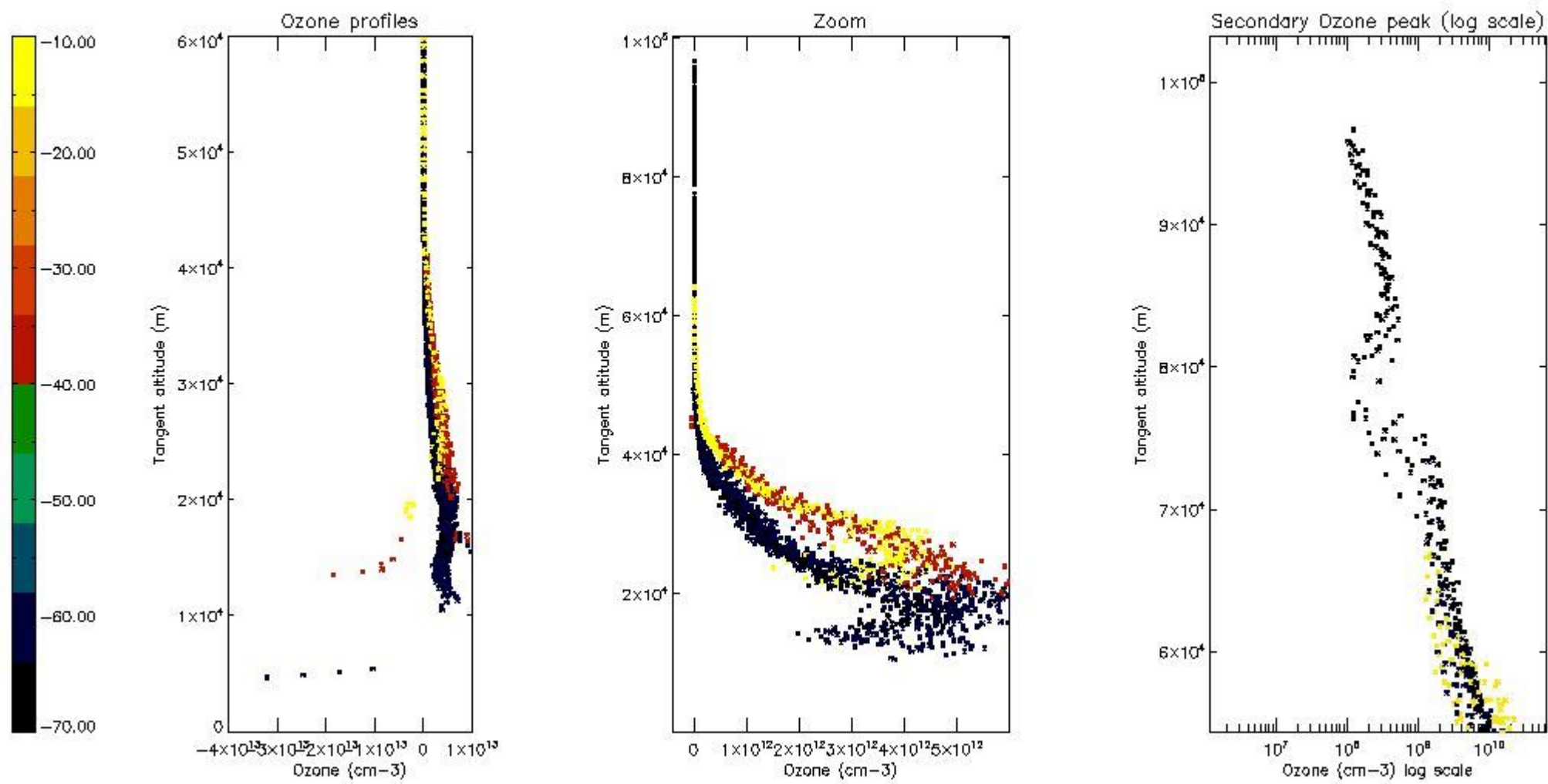
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



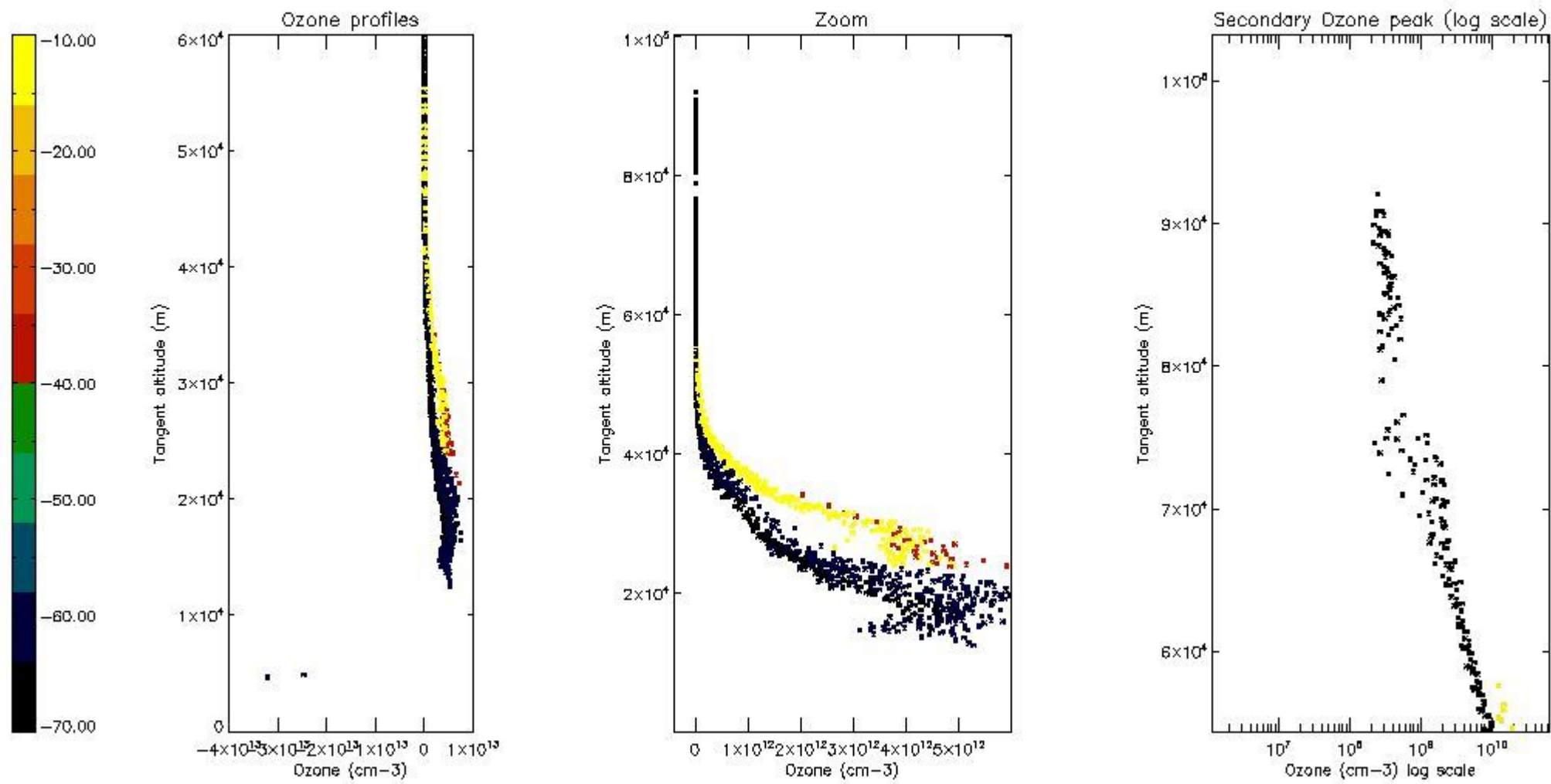
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



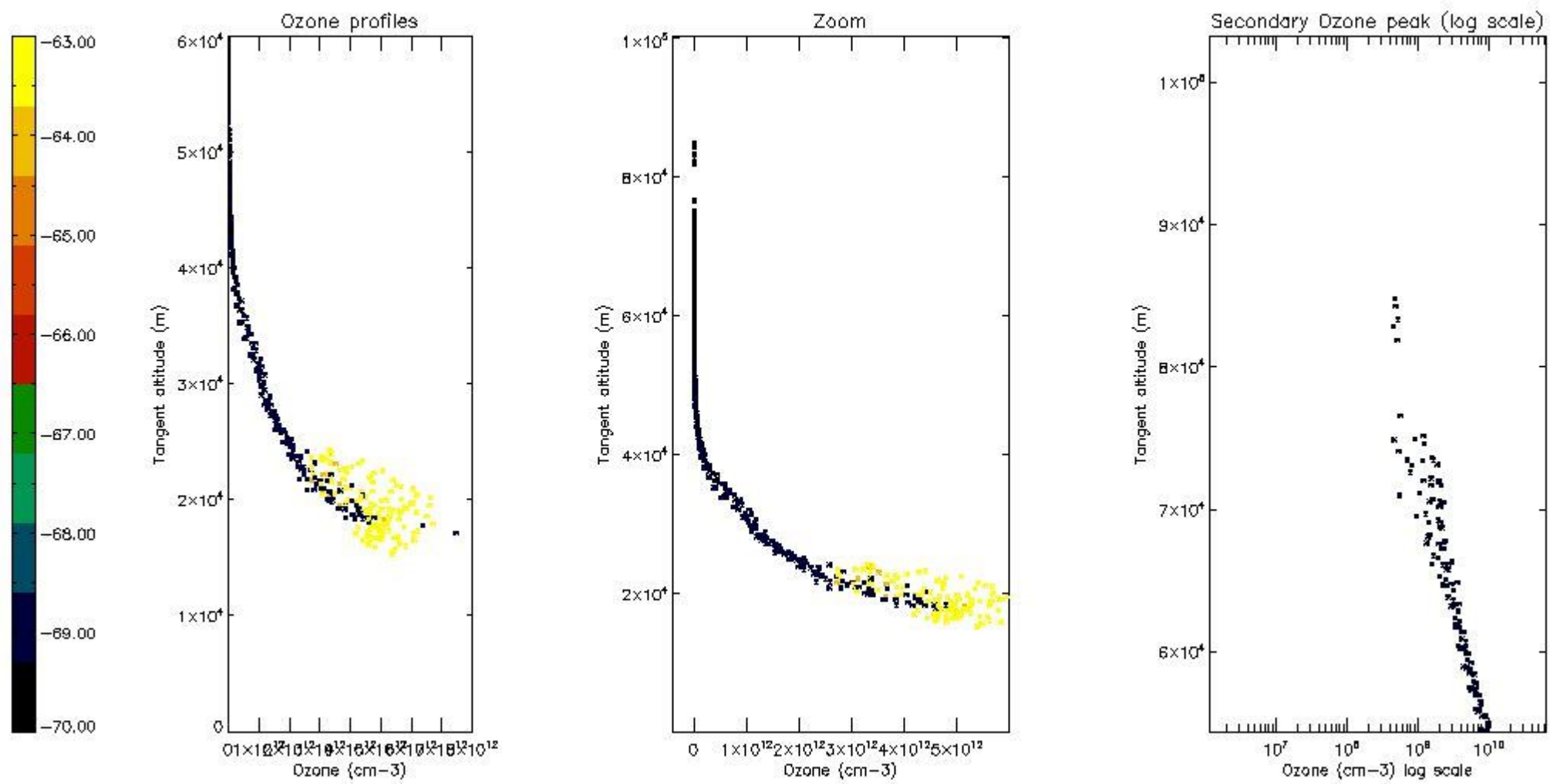
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



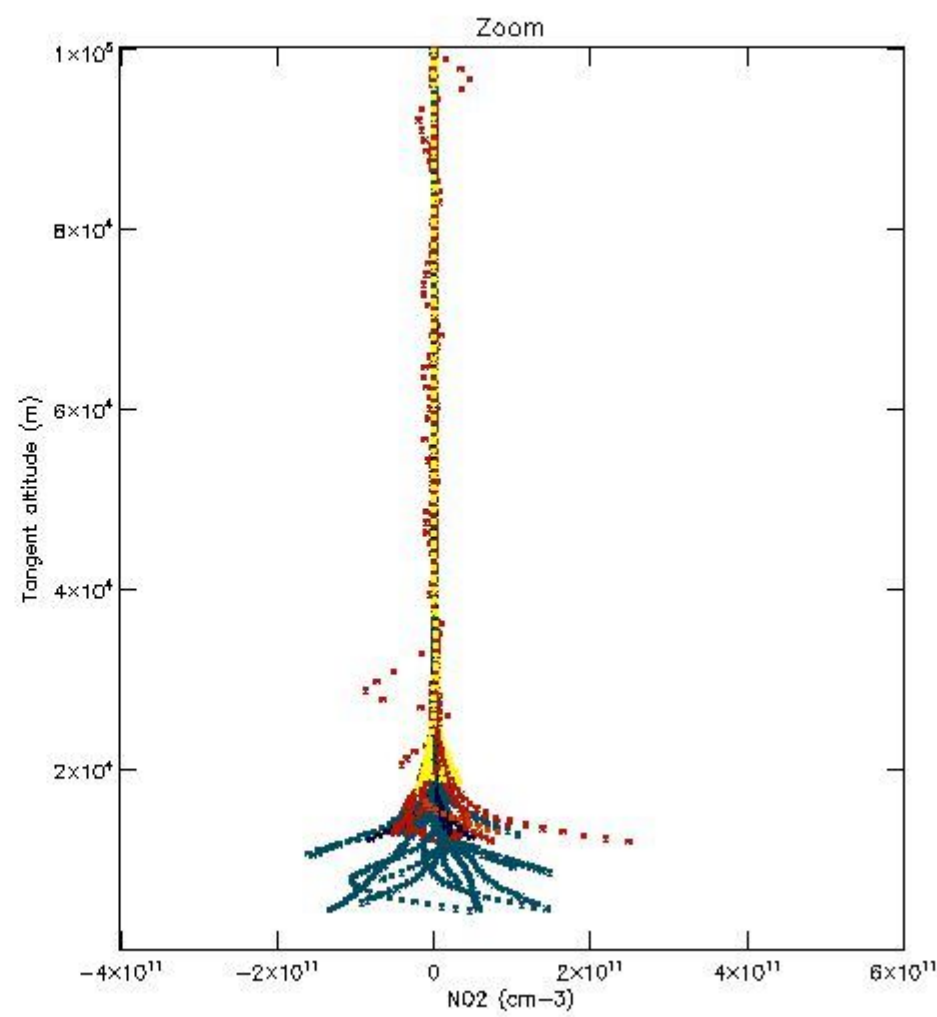
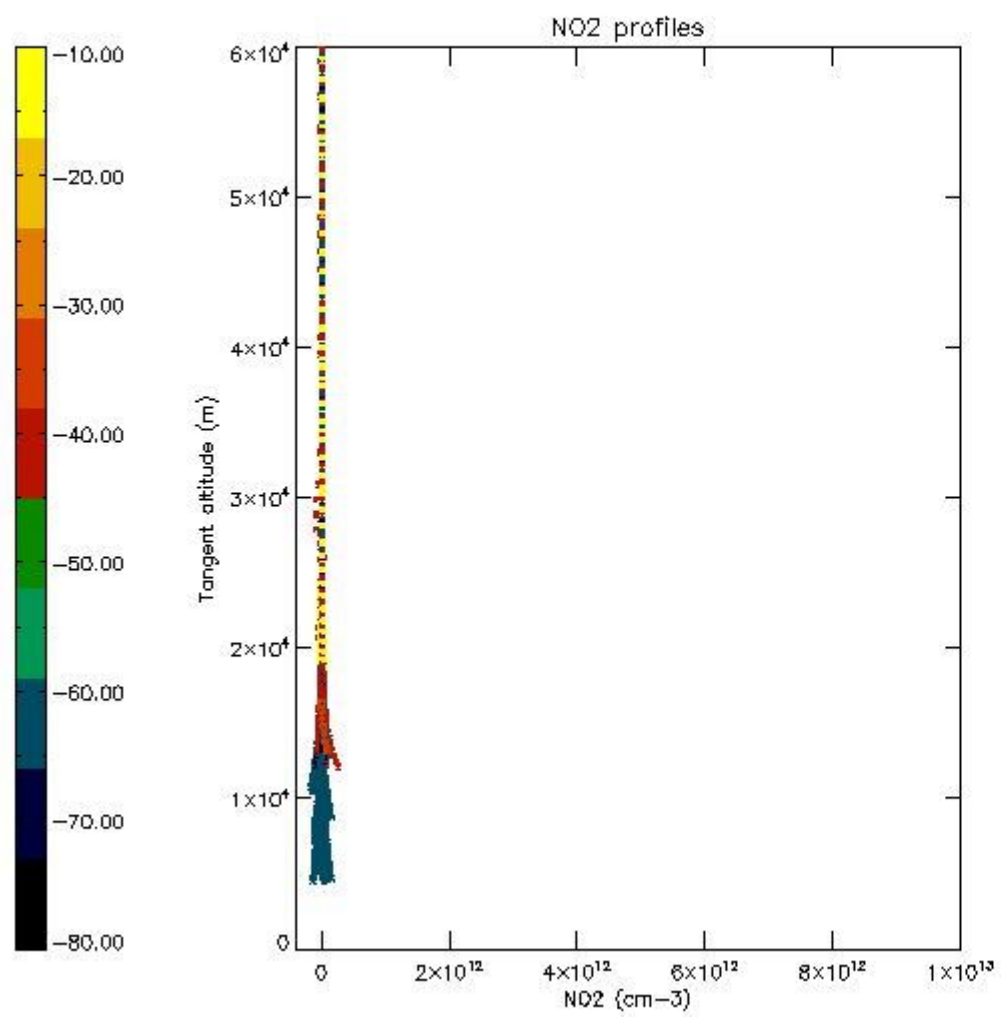
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



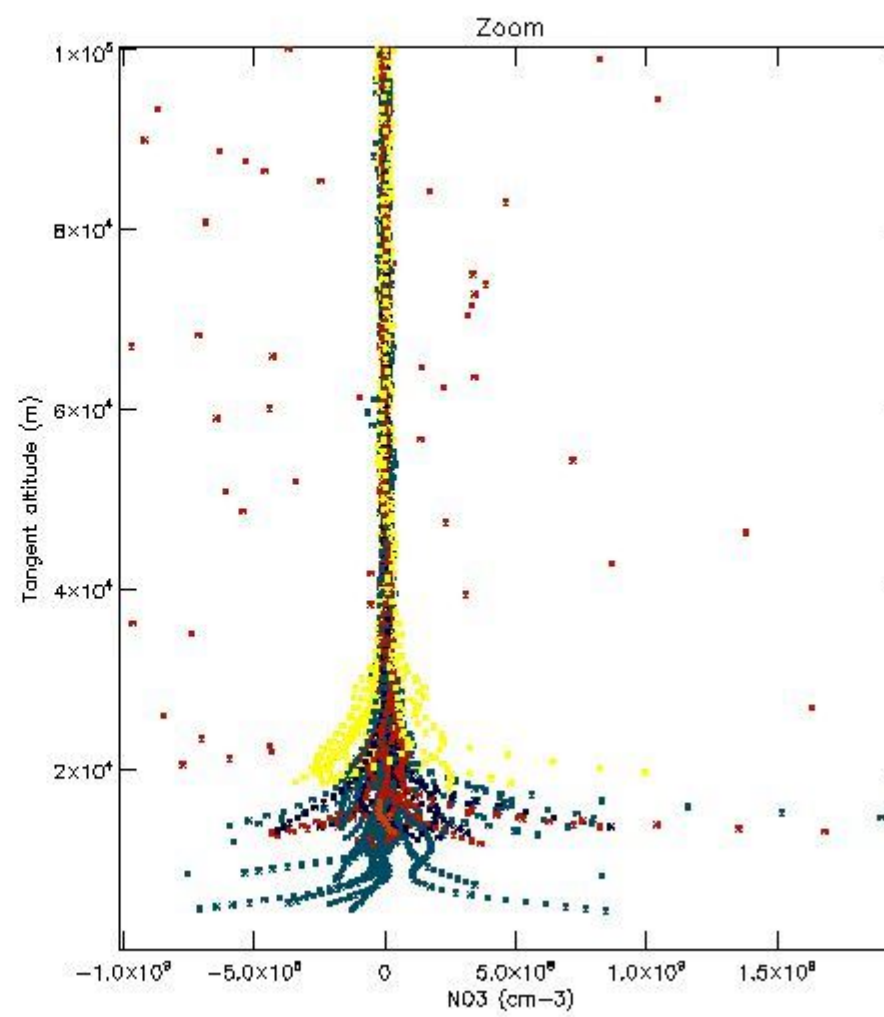
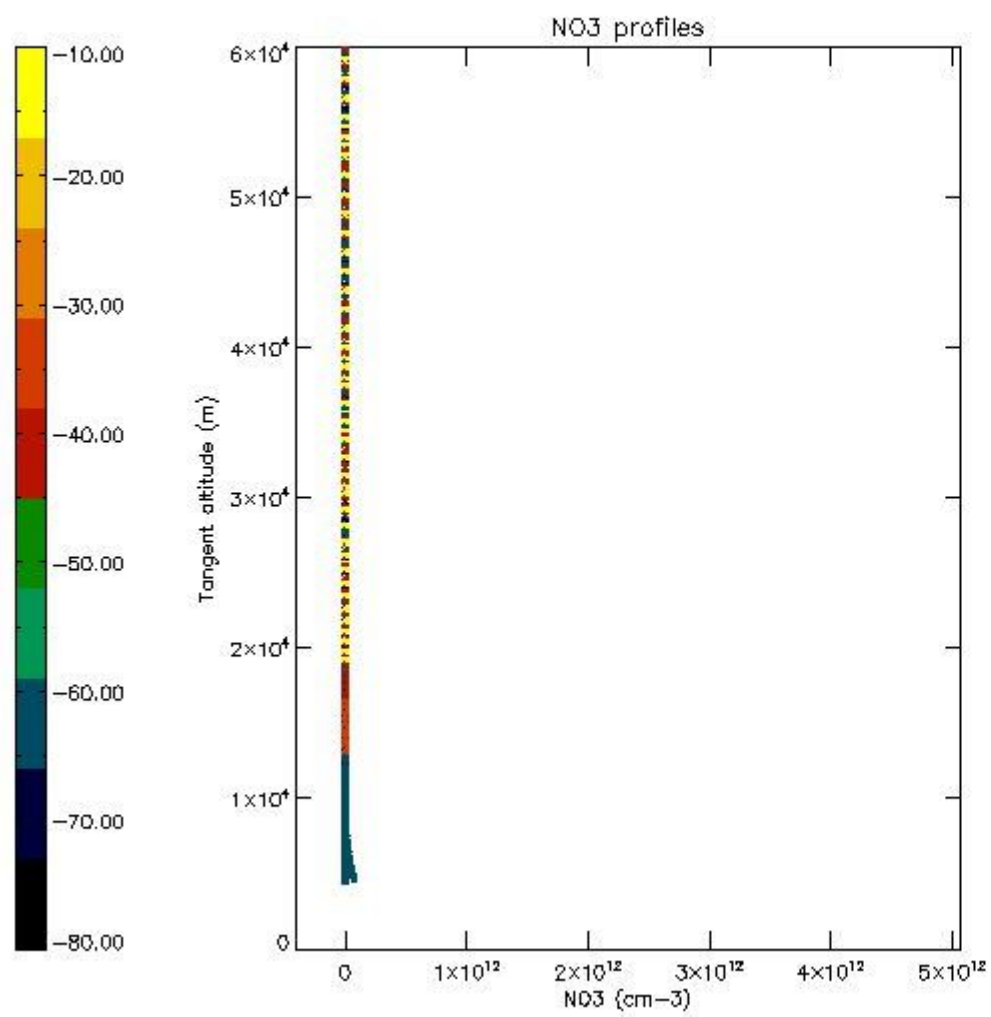
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



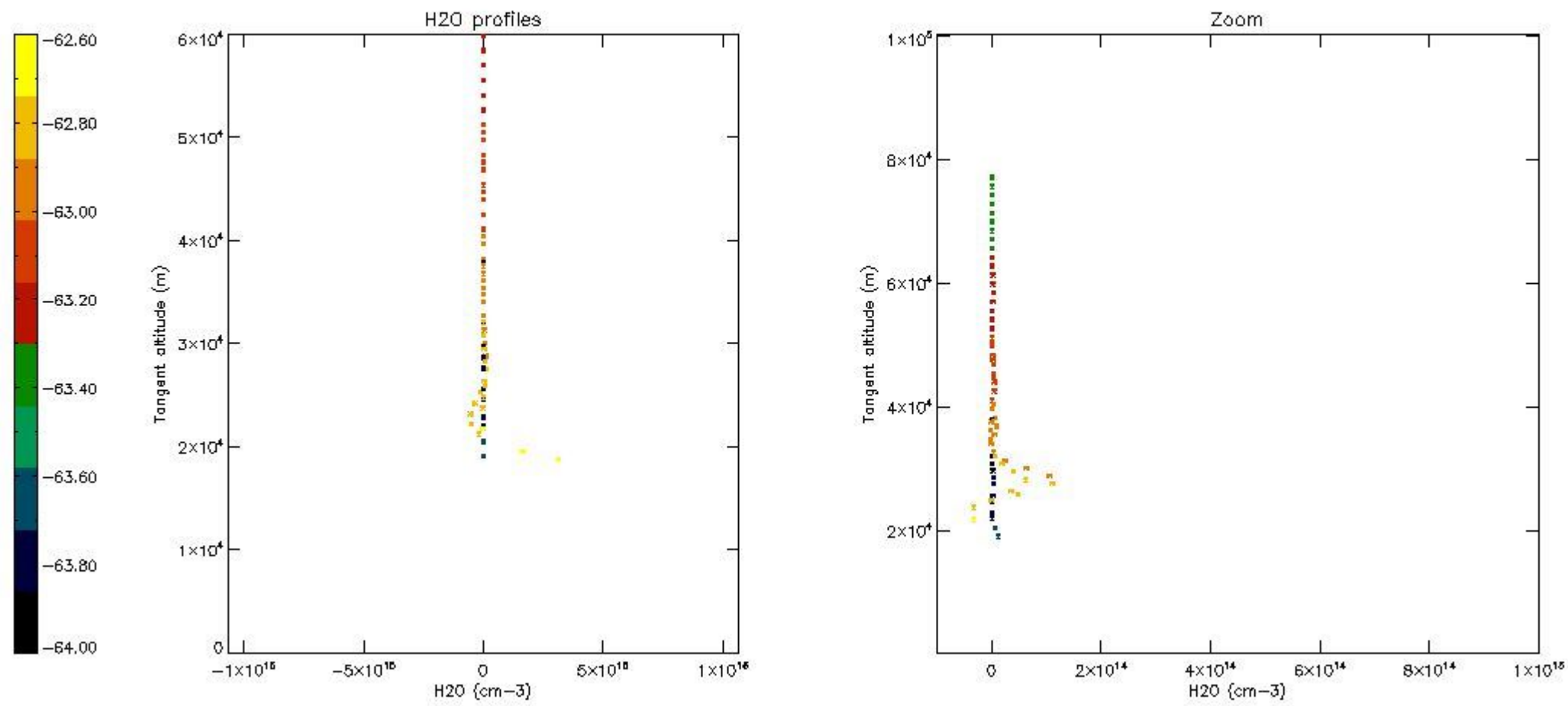
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

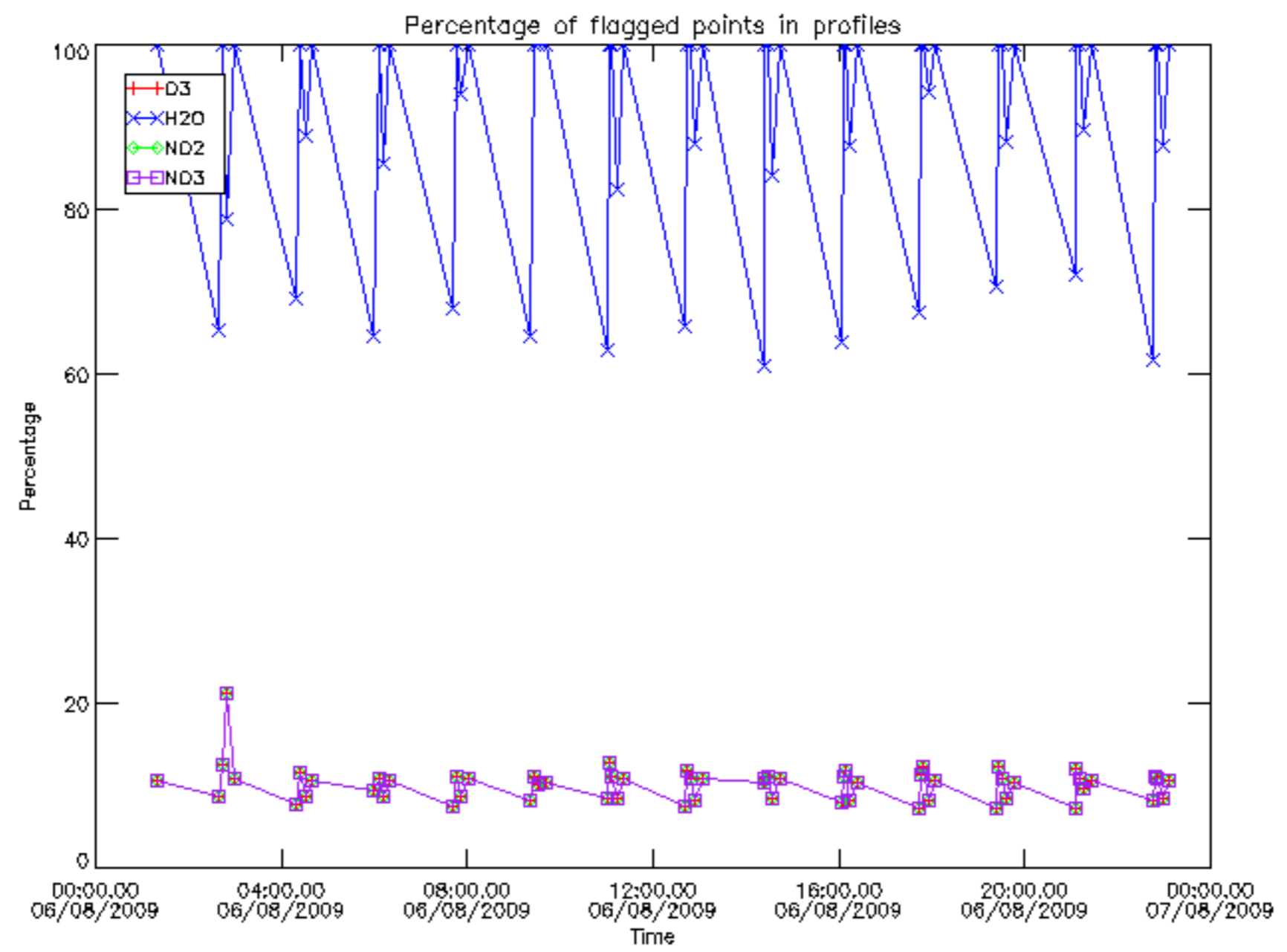
The colorbar represents the latitude.



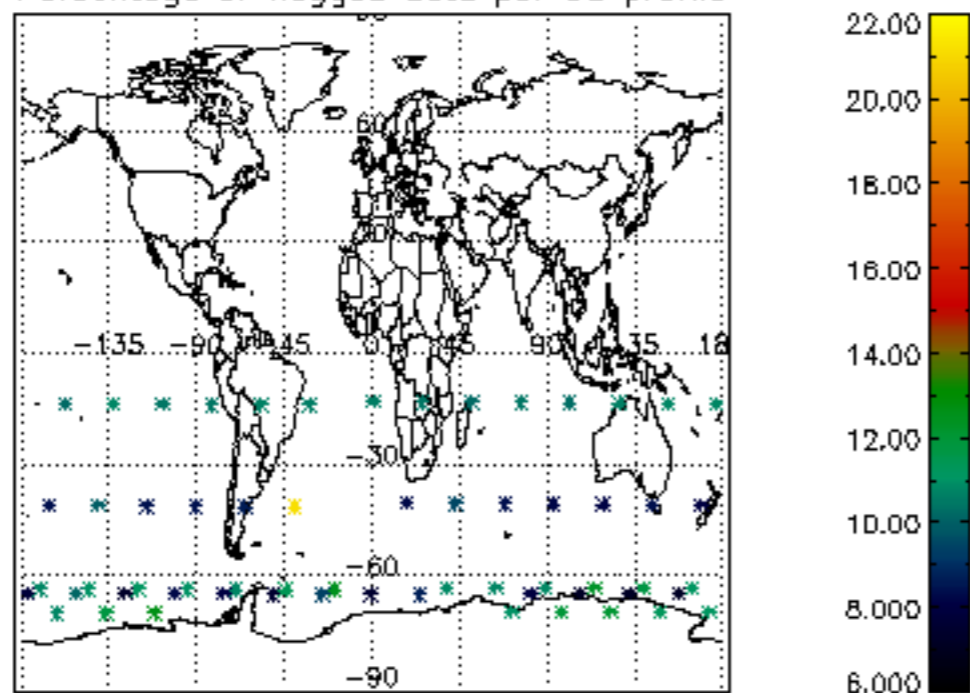
6. Auxiliary Data Files used for the production reported in section 2

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.

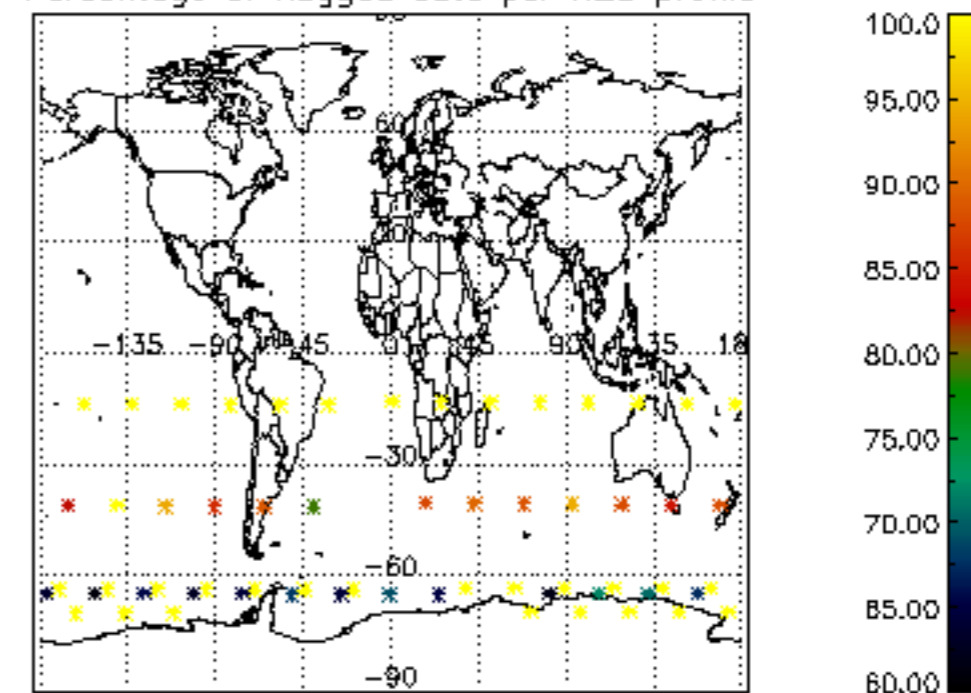
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	06-AUG-2009 01:18:37
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-AUG-2009 01:18:37
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-AUG-2009 01:18:37



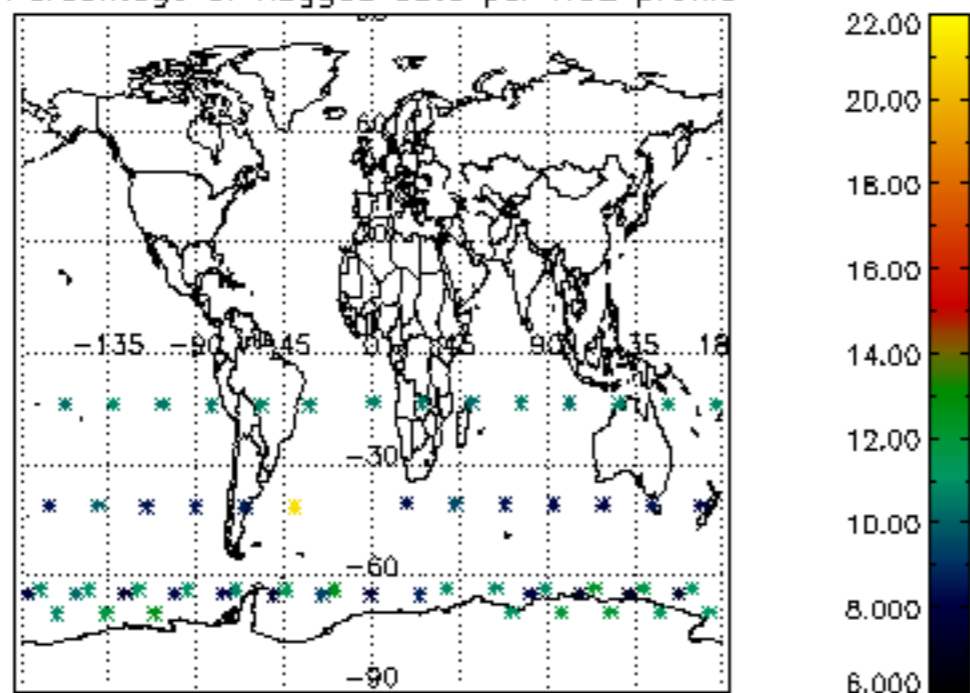
Percentage of flagged data per D3 profile



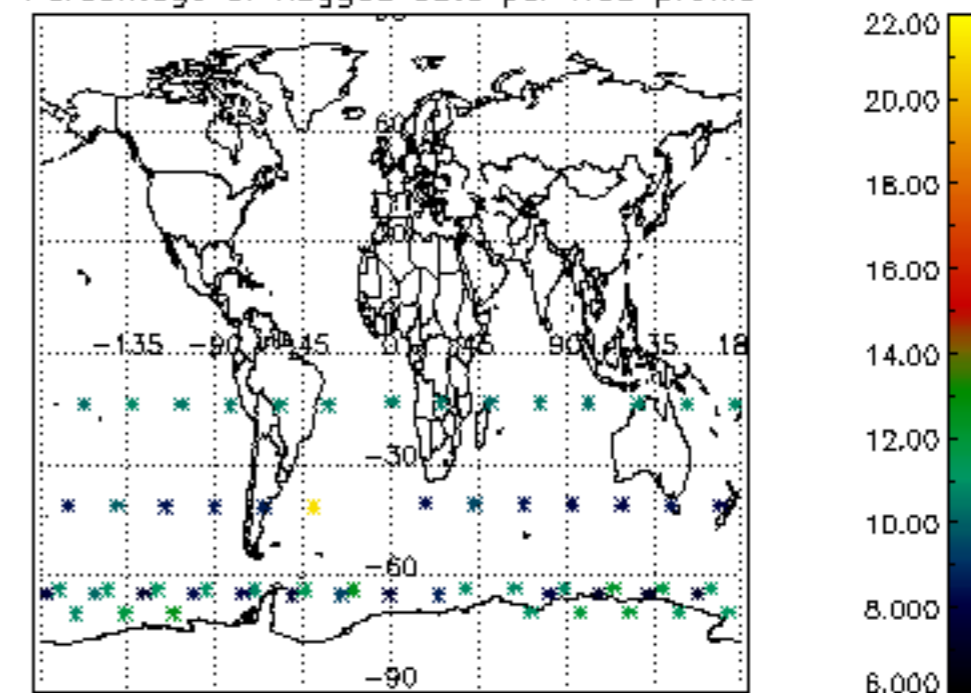
Percentage of flagged data per H2O profile

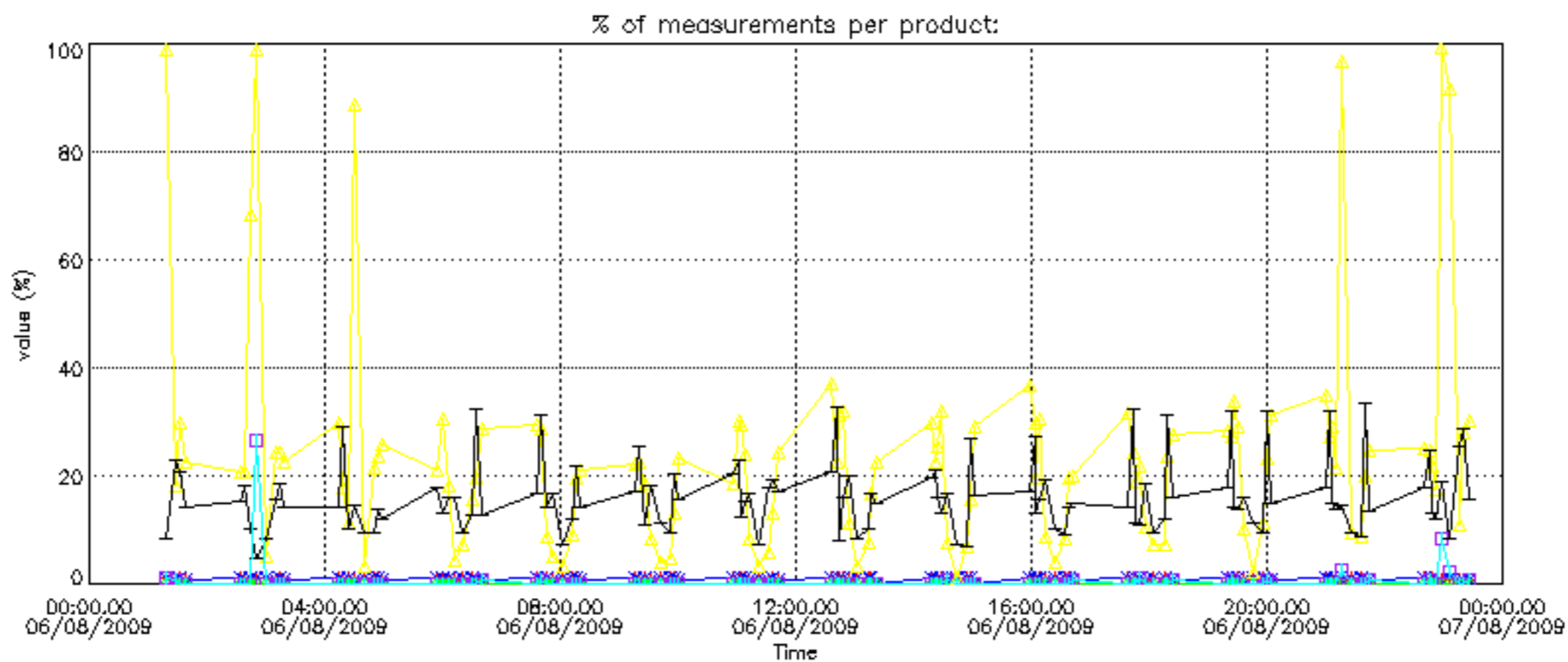


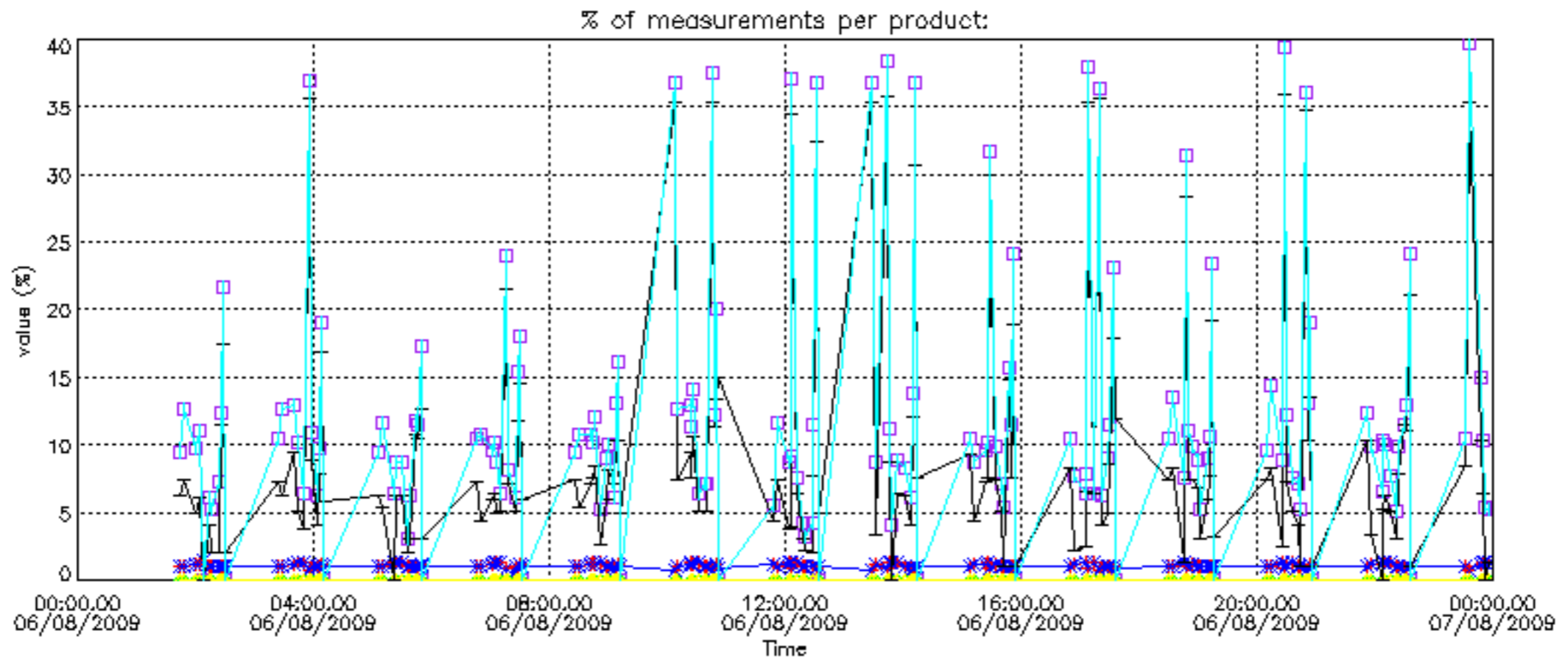
Percentage of flagged data per NO2 profile



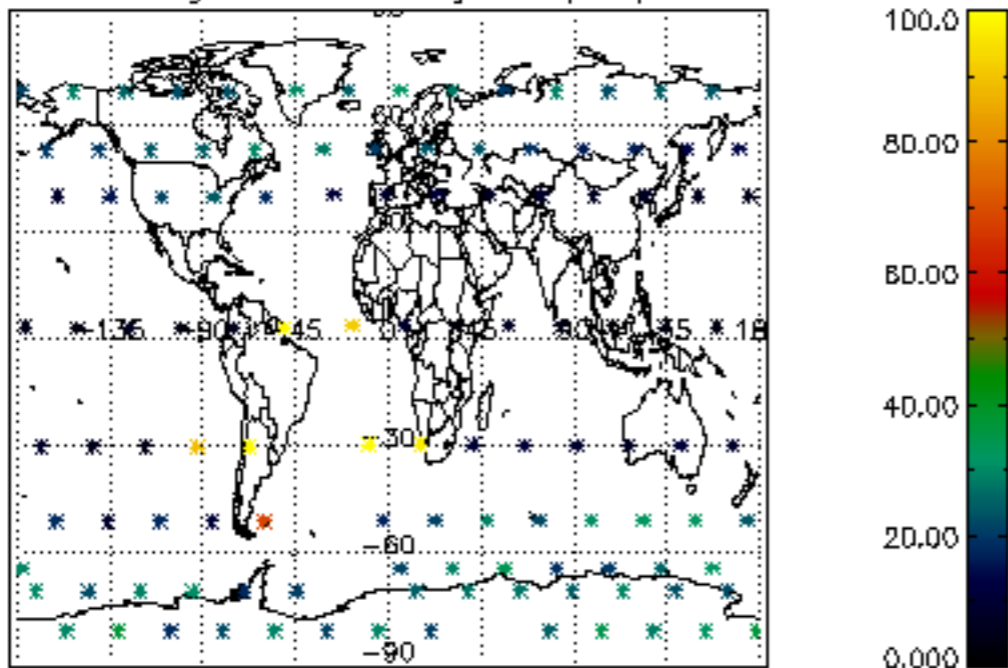
Percentage of flagged data per NO3 profile



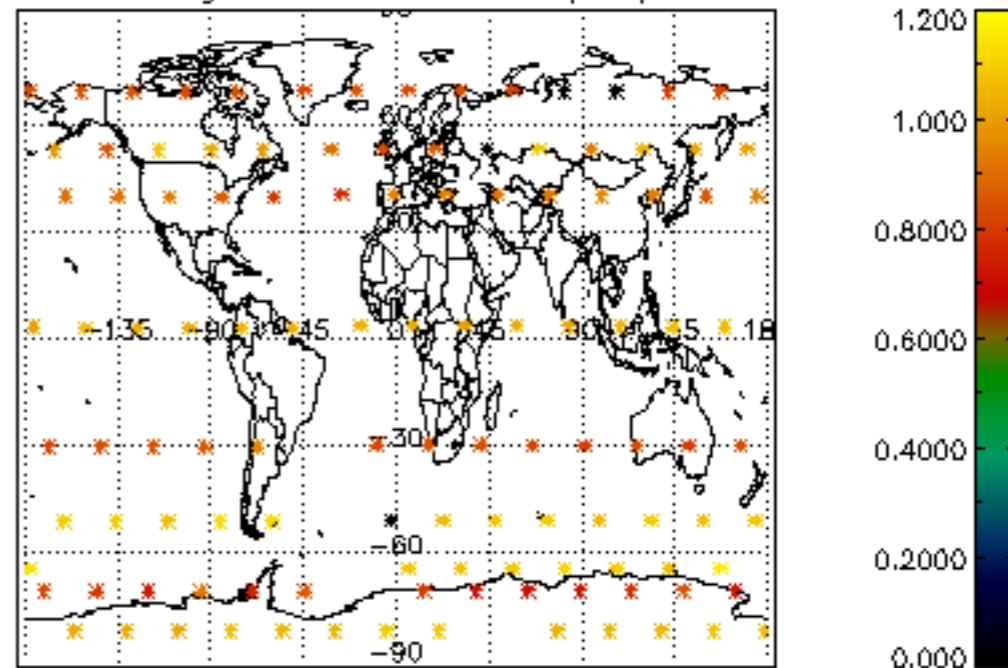




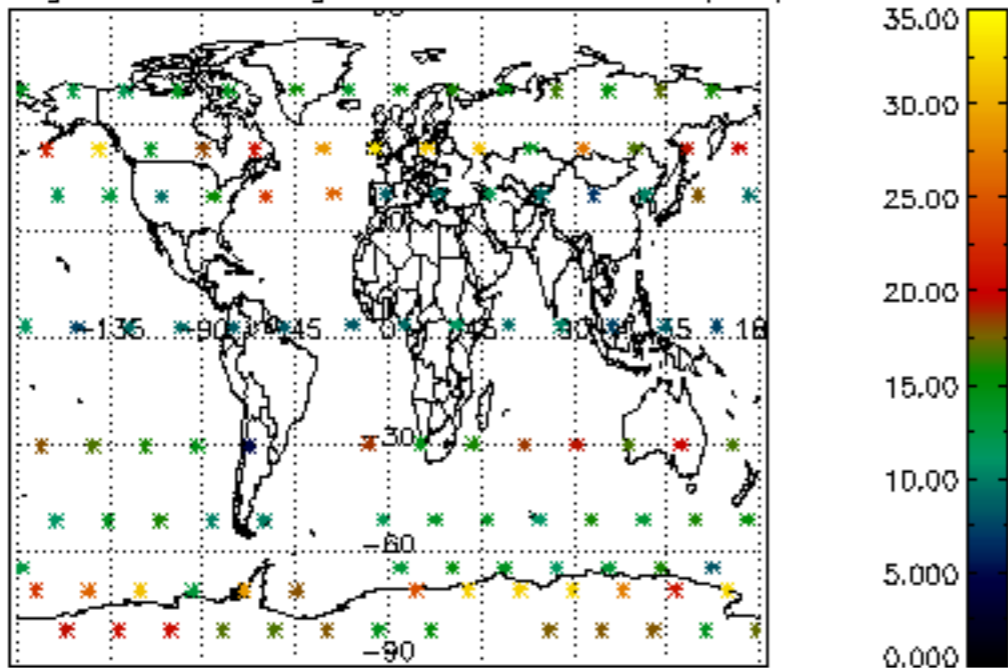
Percentage of cosmic ray hits per profile



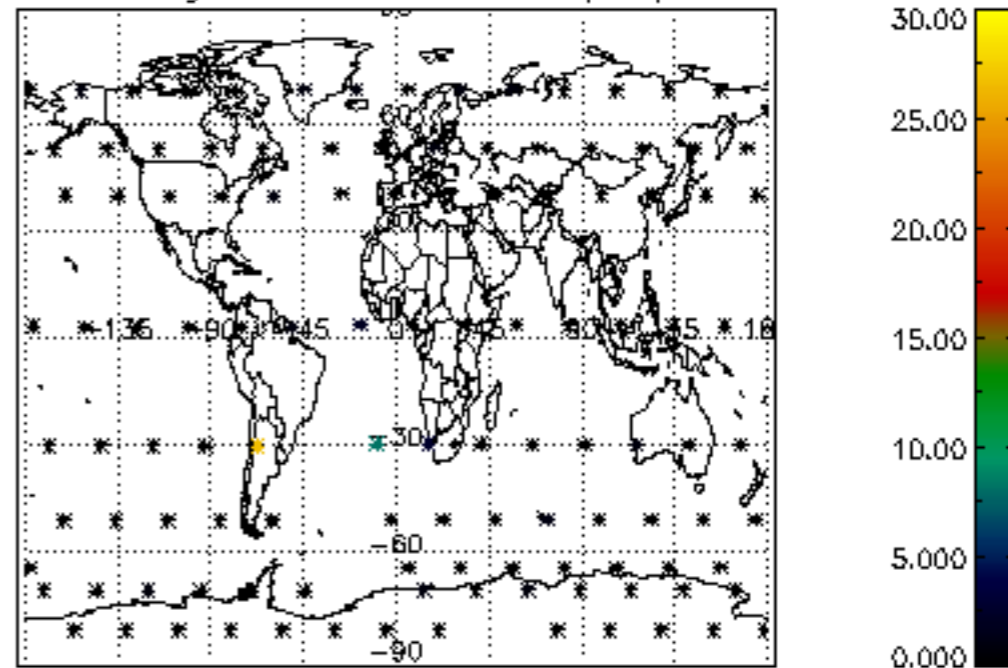
Percentage of datation errors per profile



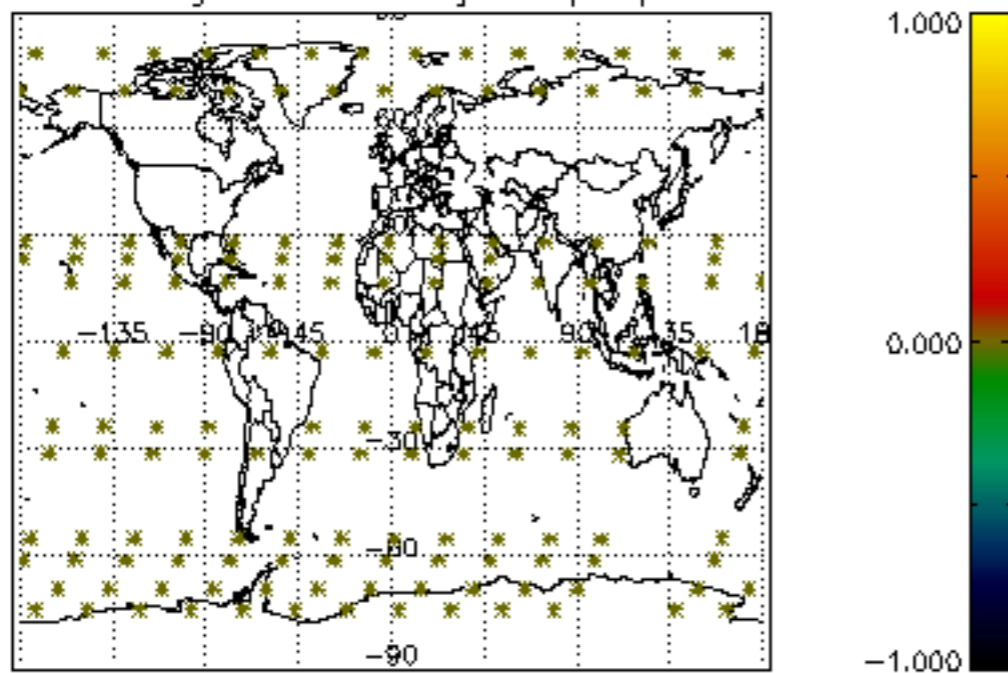
Percentage of star falling outside central band per profile



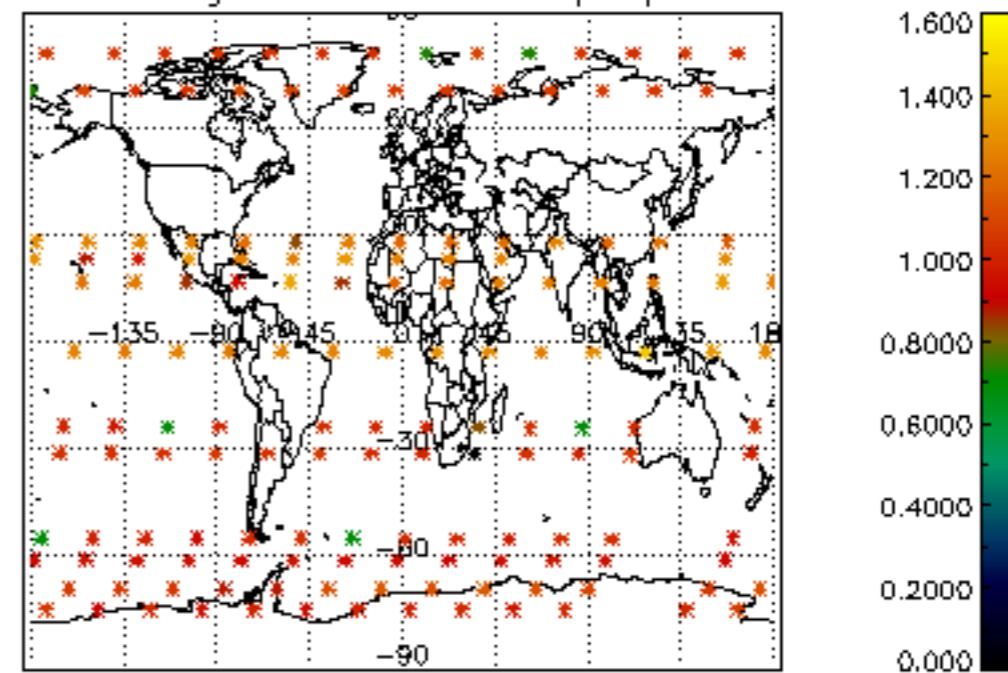
Percentage of saturation errors per profile



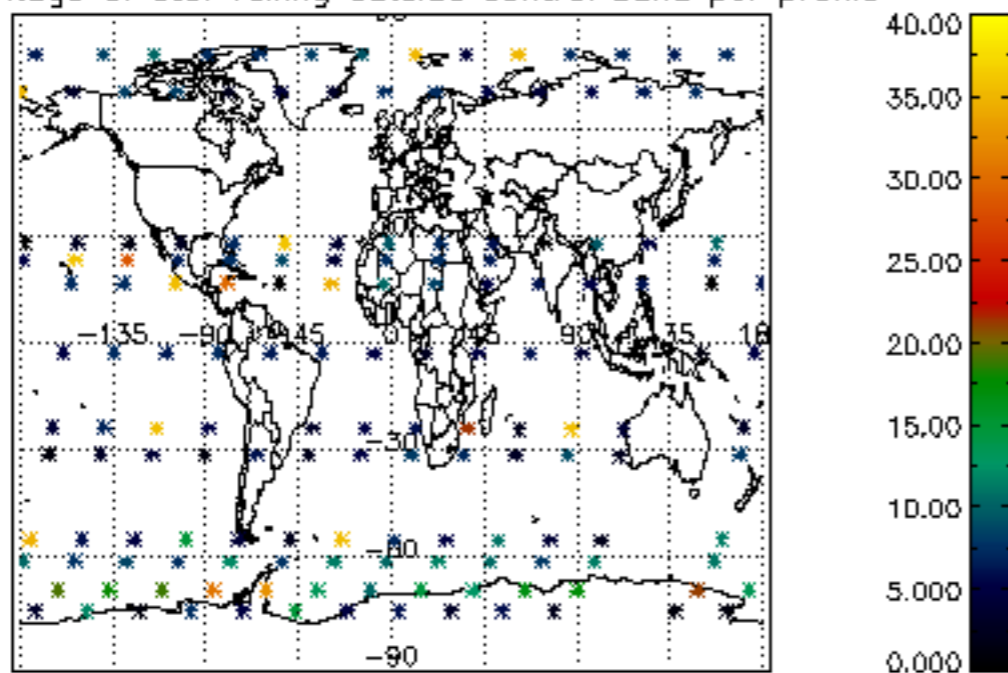
Percentage of cosmic ray hits per profile



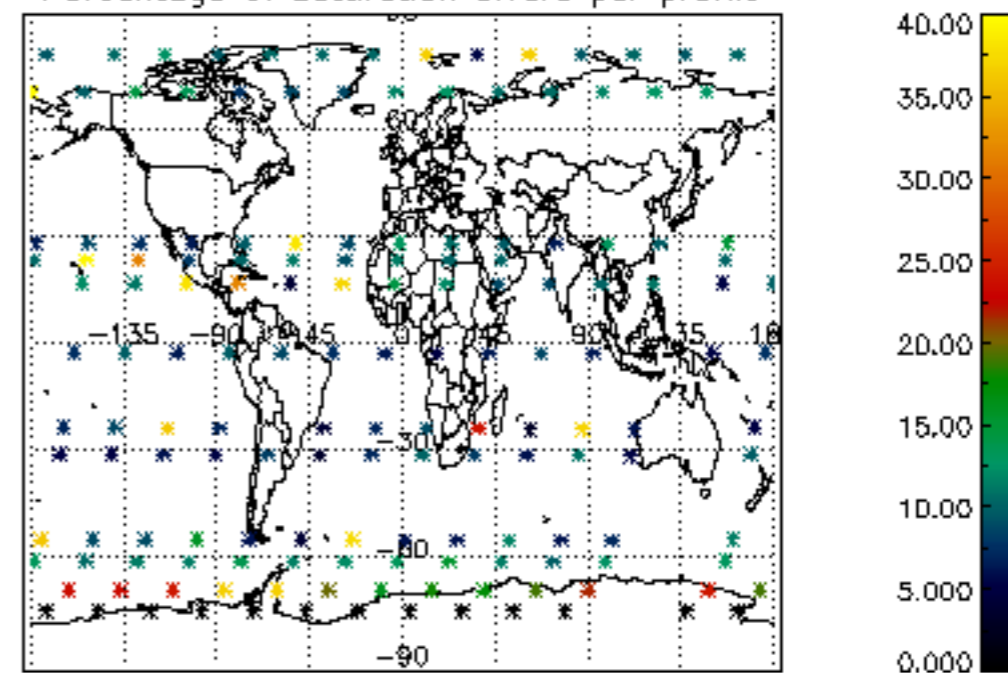
Percentage of datation errors per profile

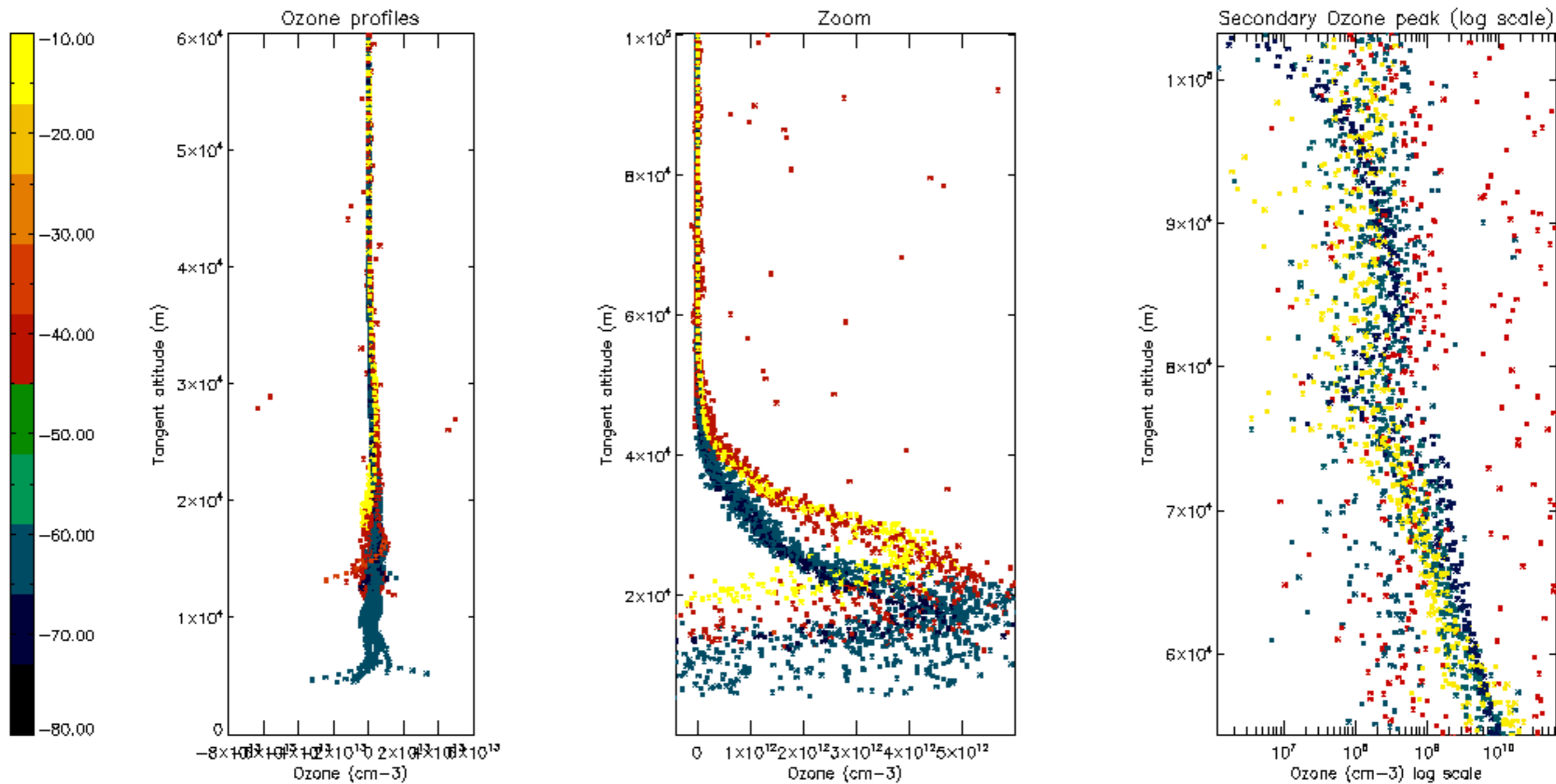


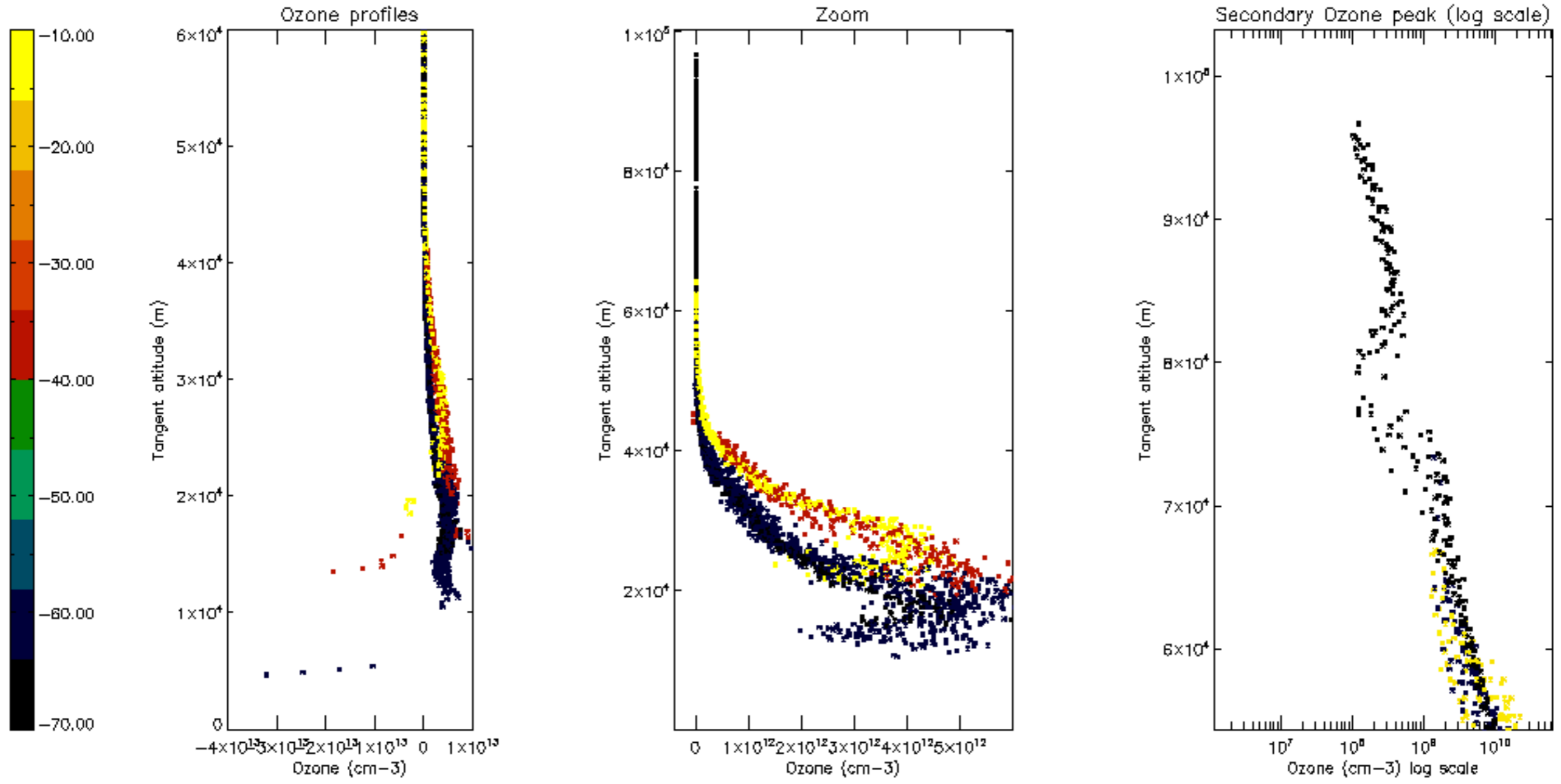
Percentage of star falling outside central band per profile

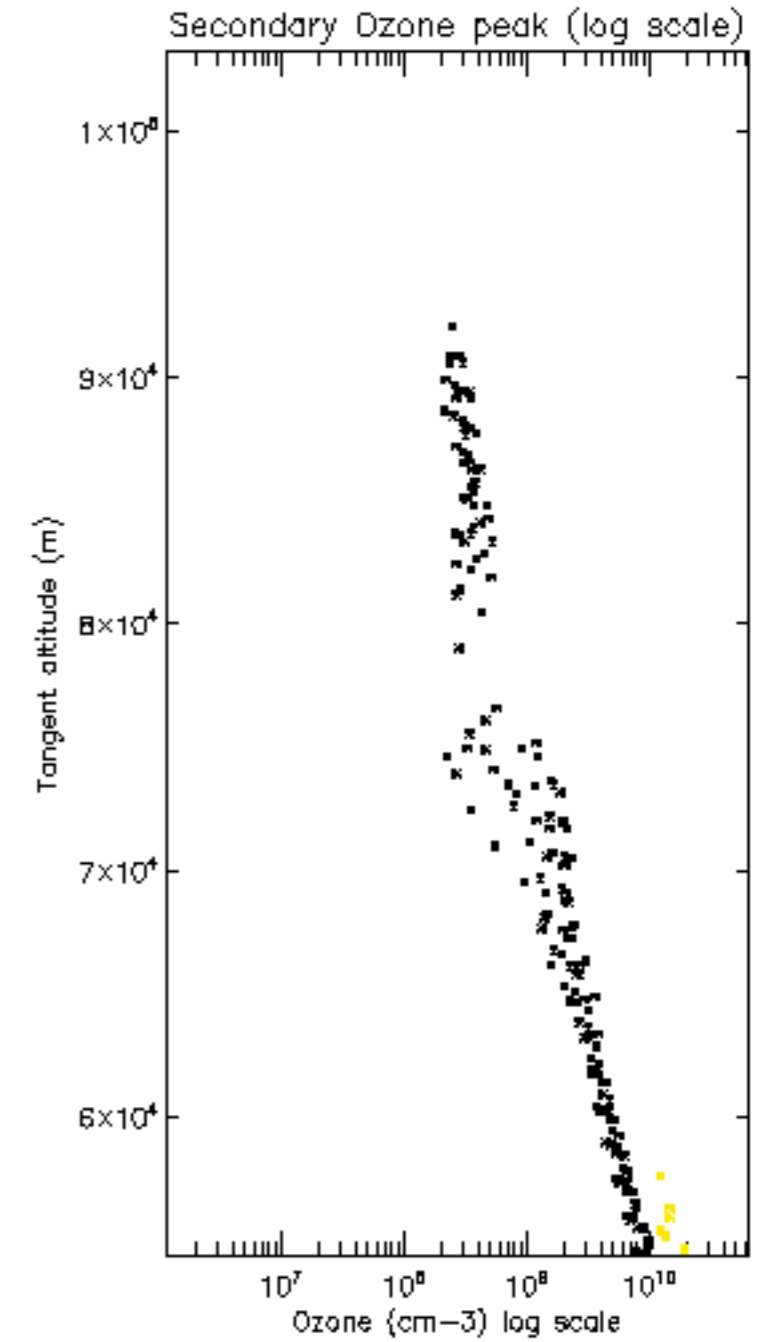
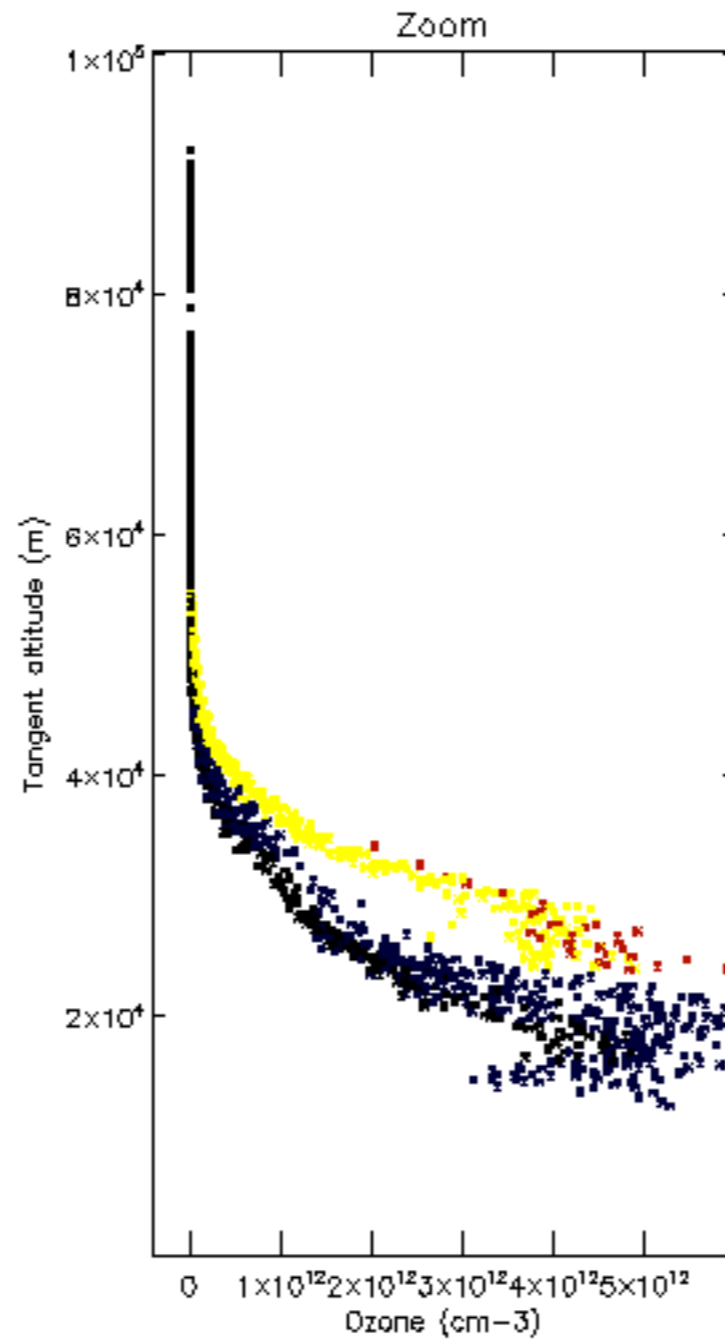
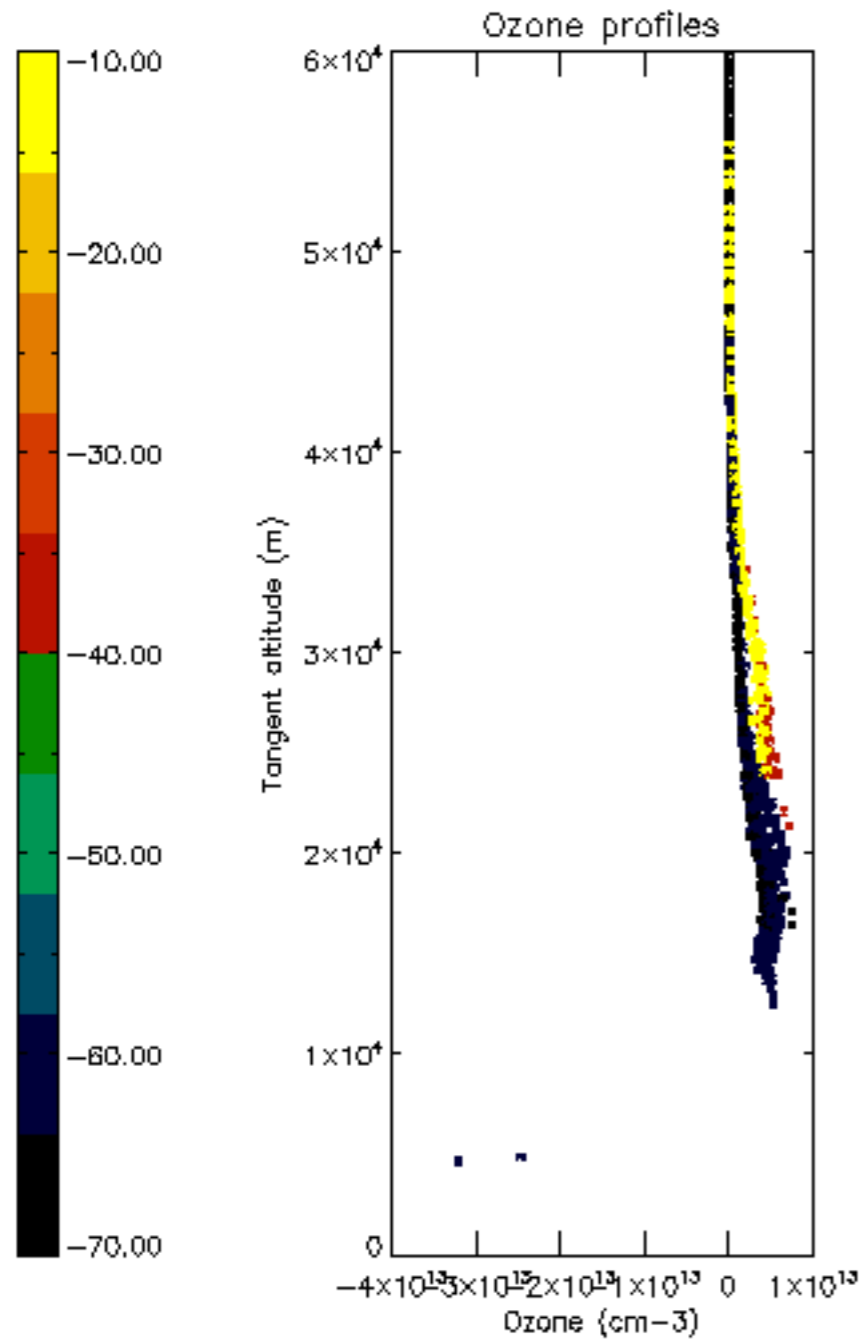


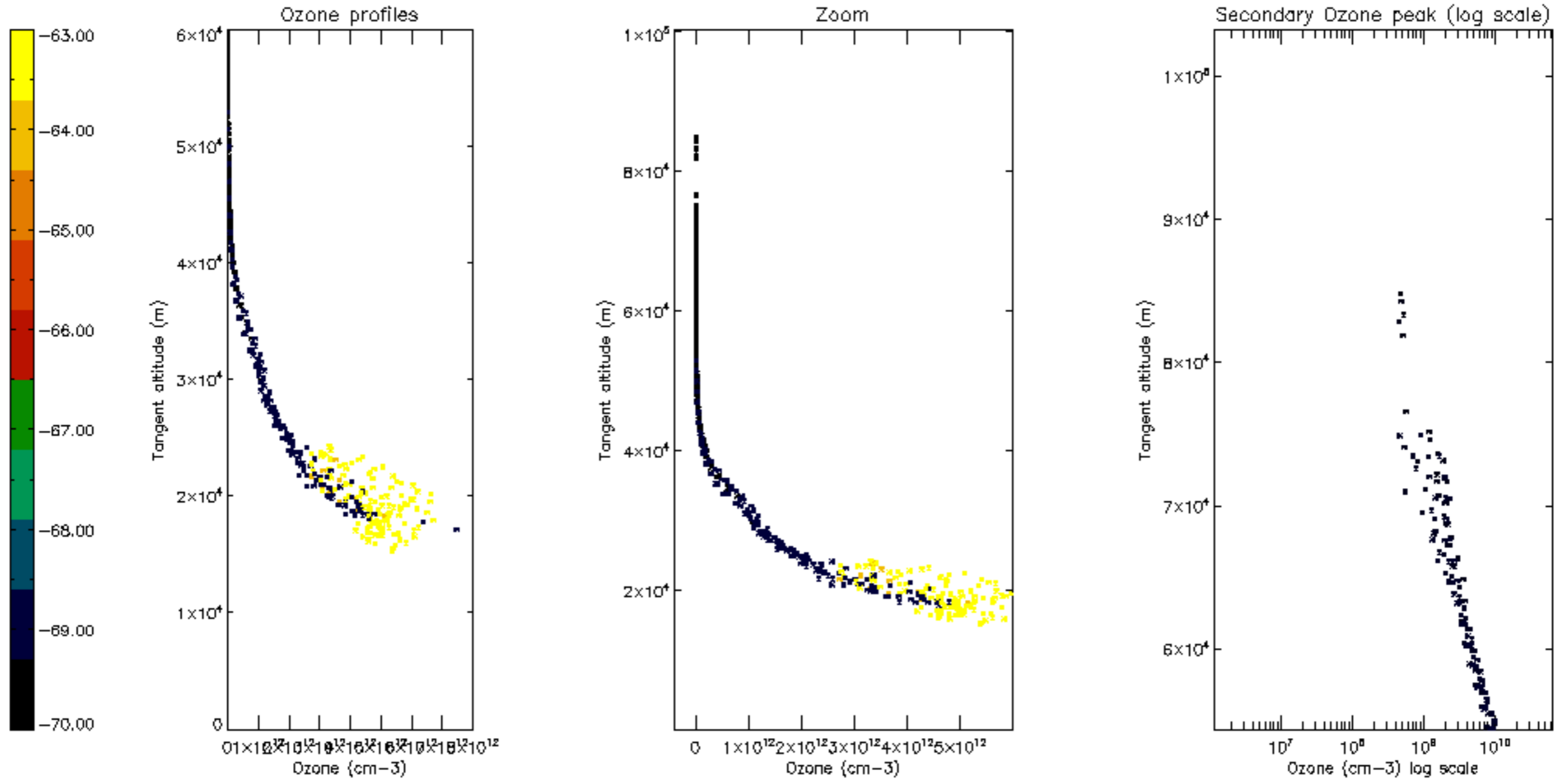
Percentage of saturation errors per profile

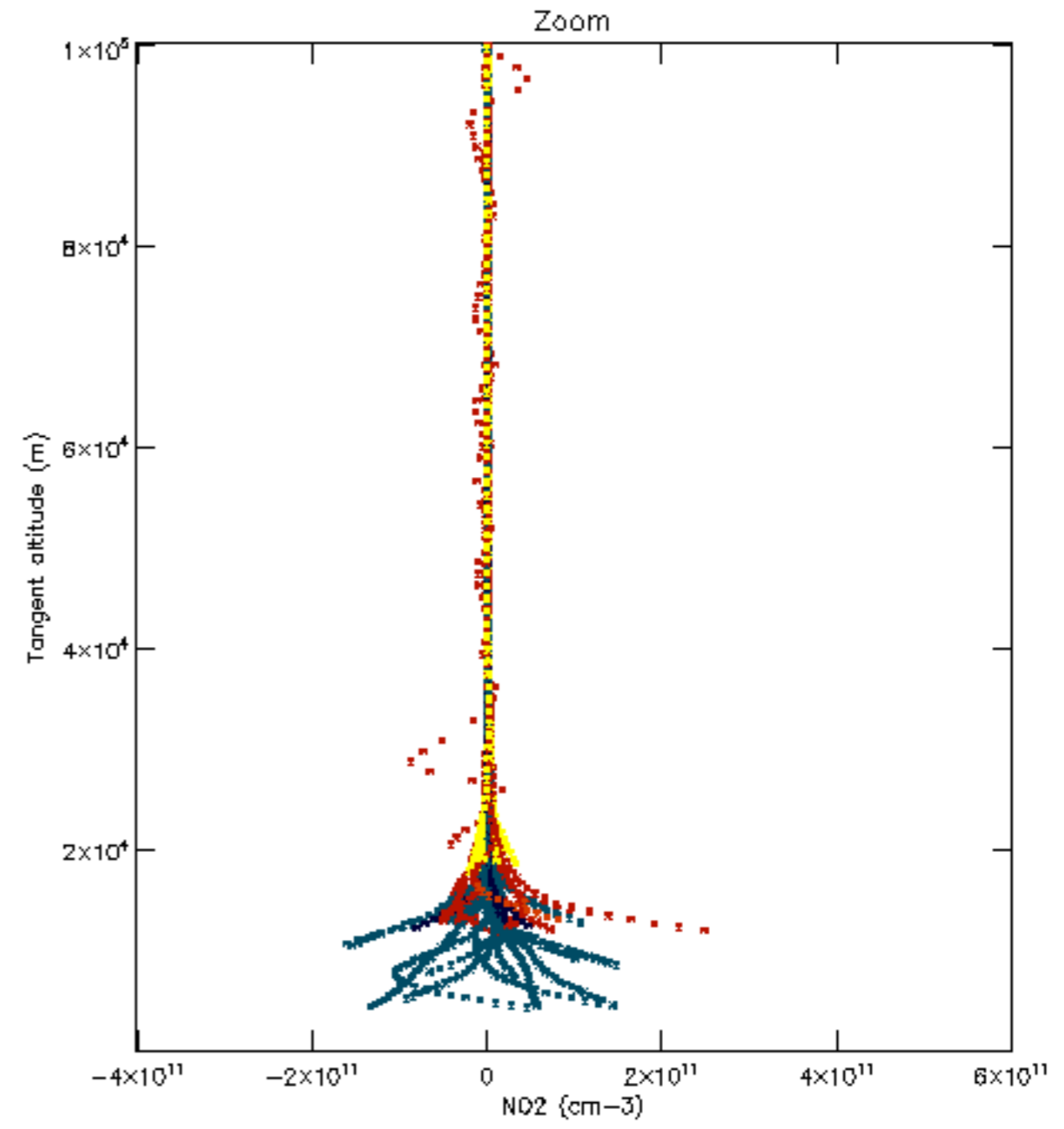
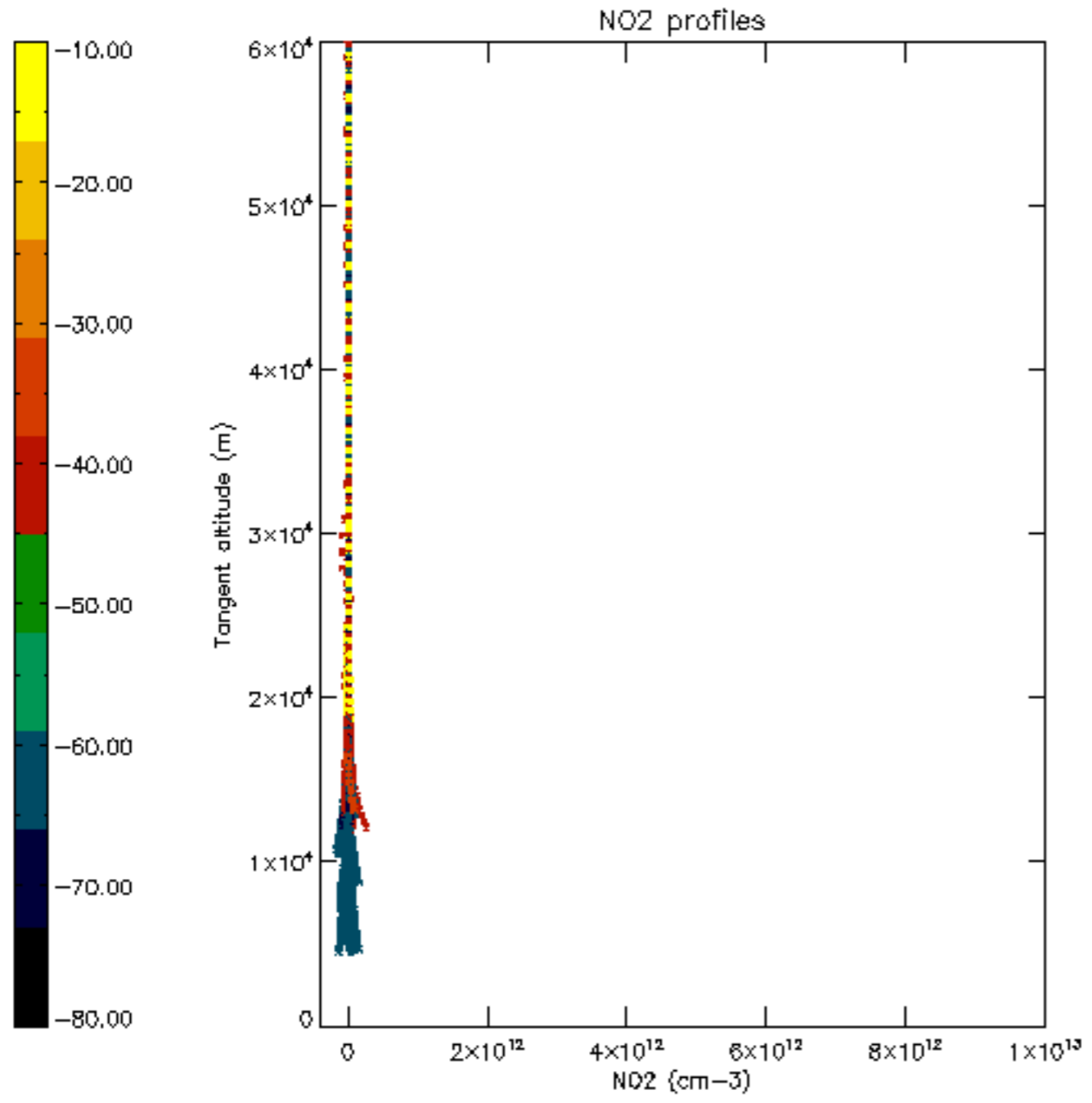


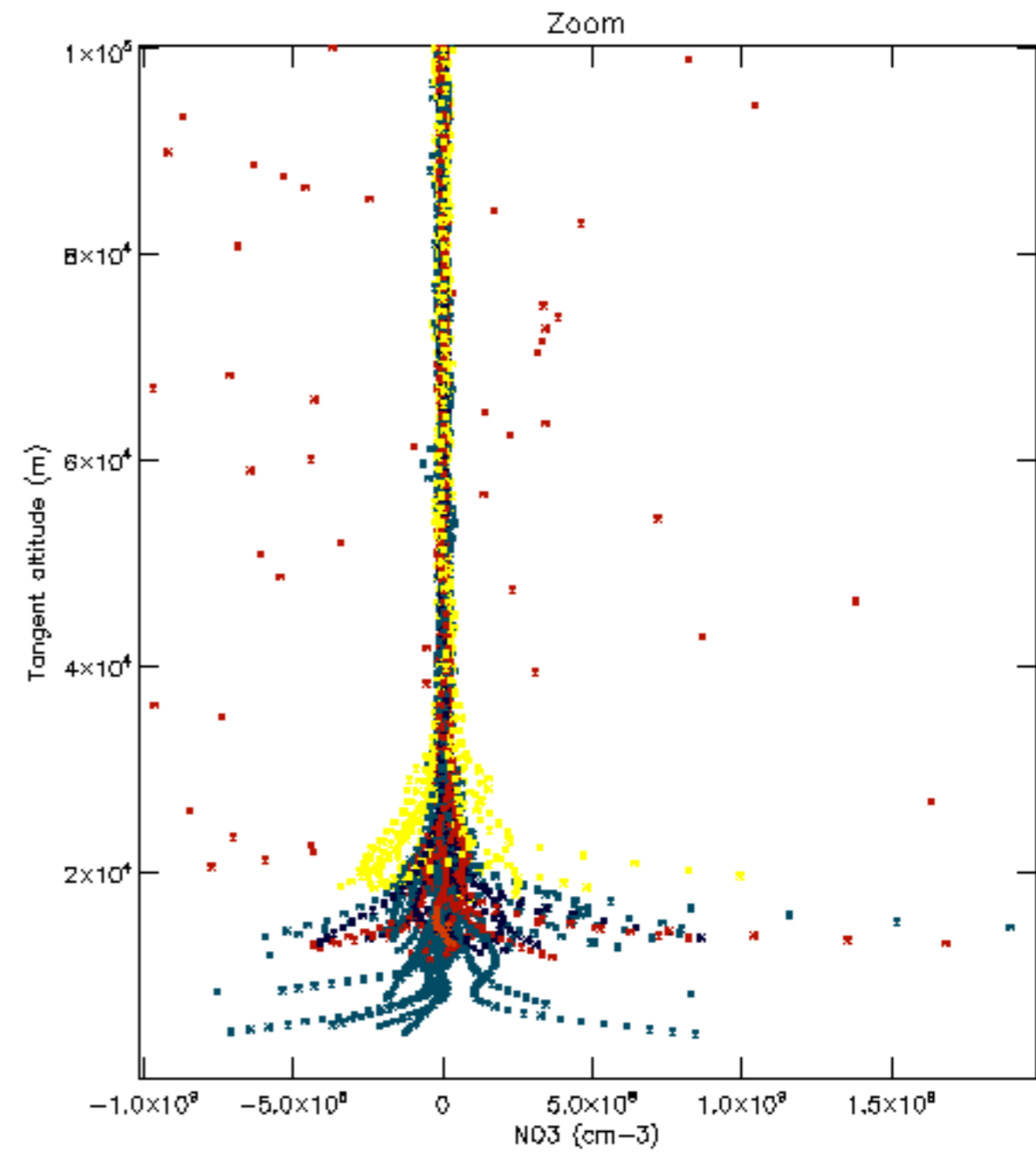
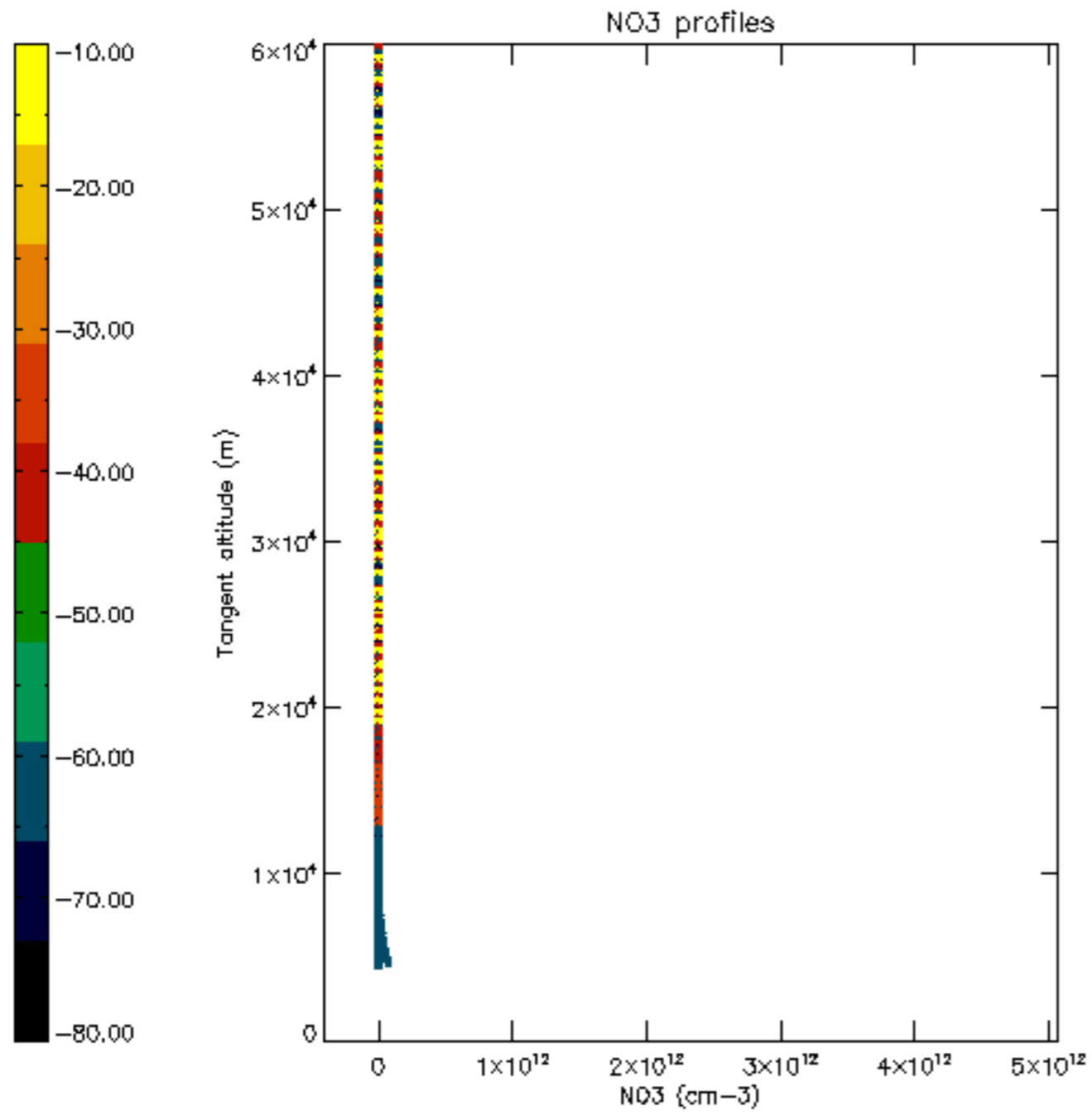


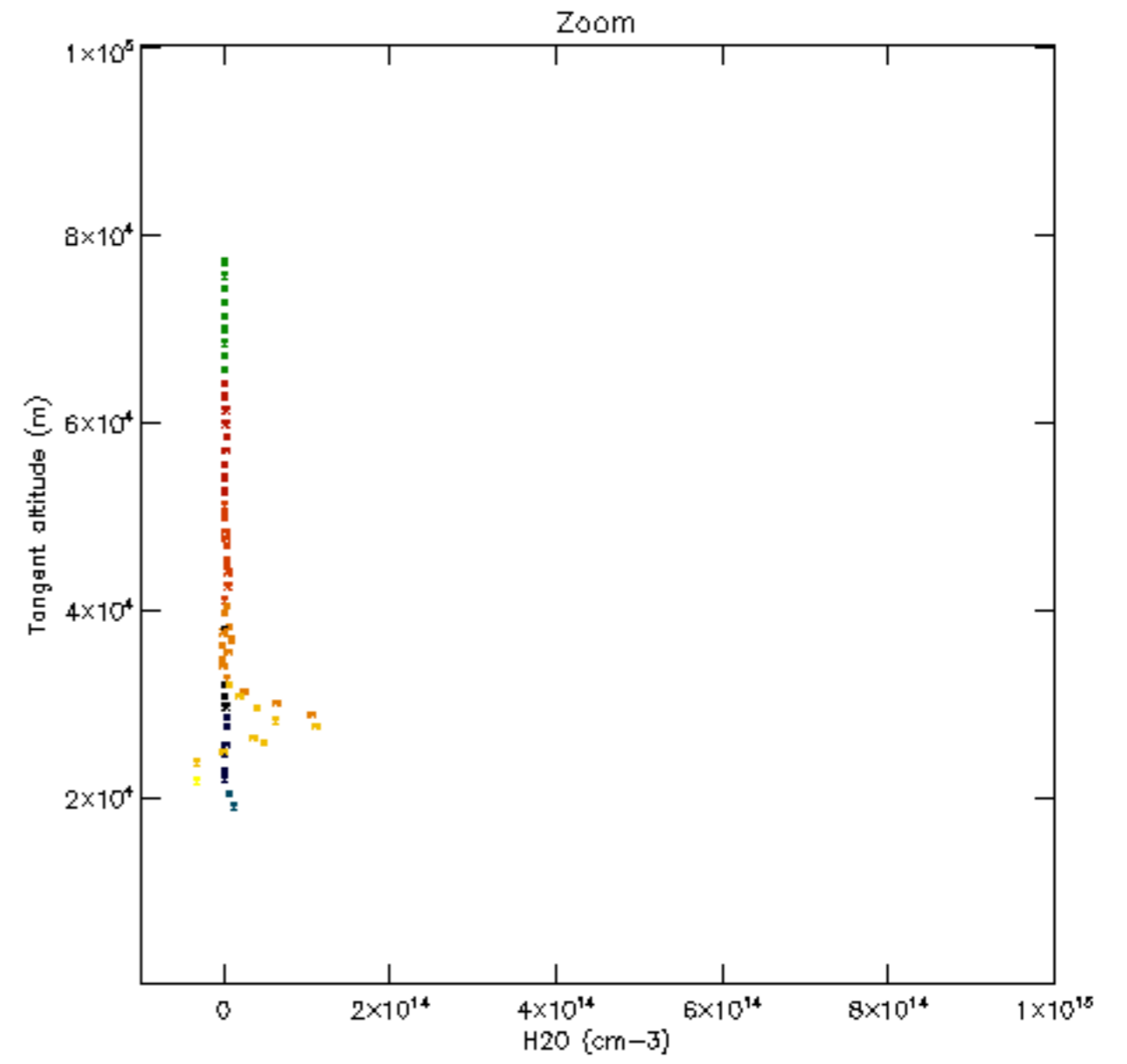
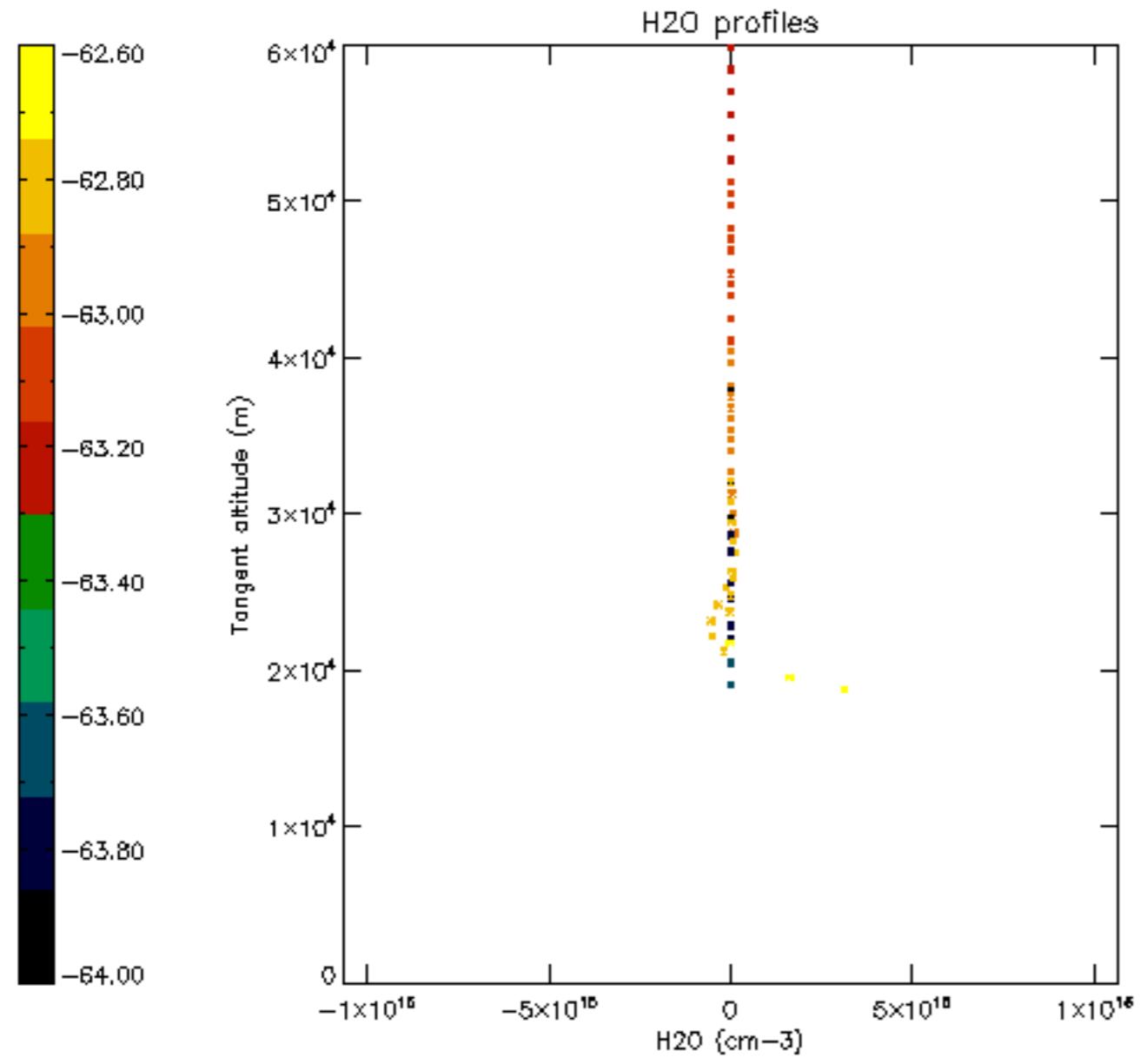


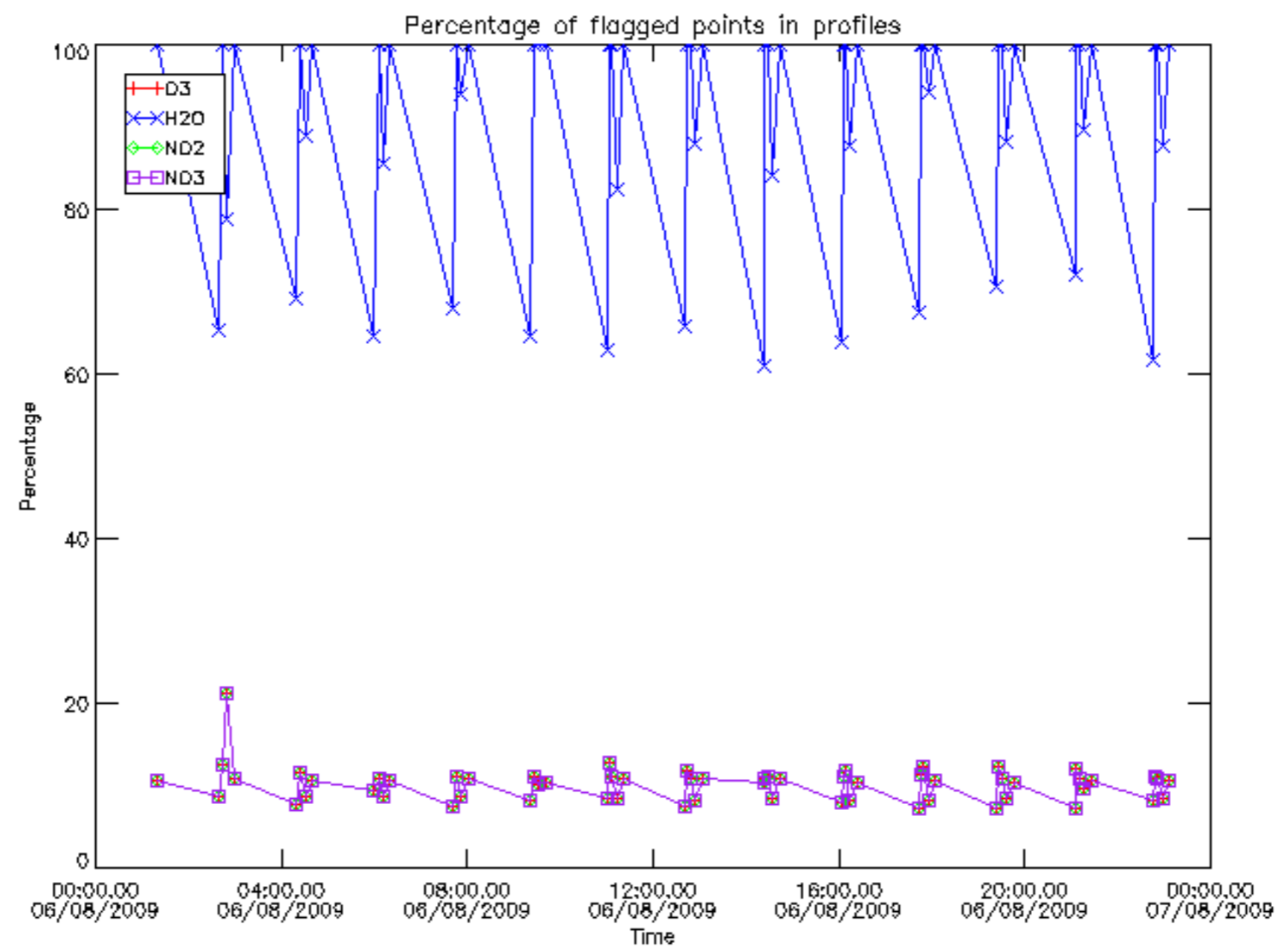




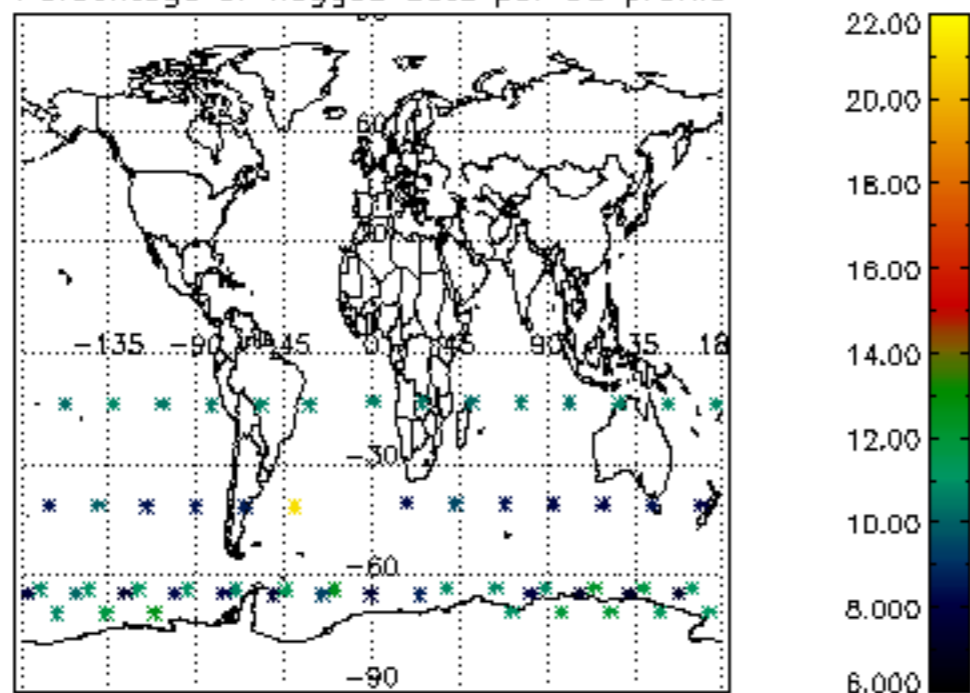




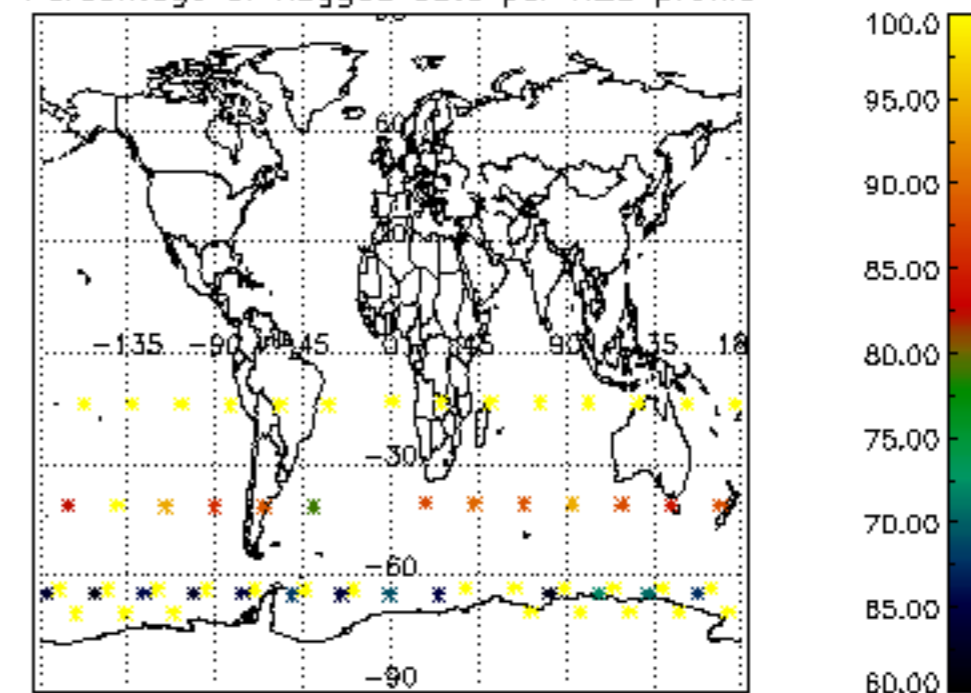




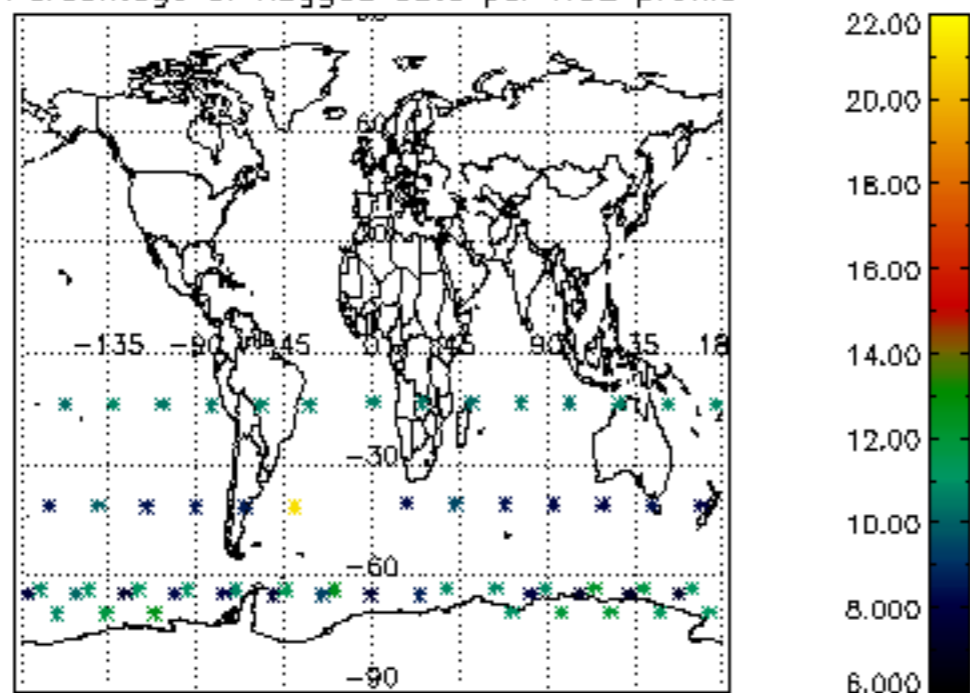
Percentage of flagged data per D3 profile



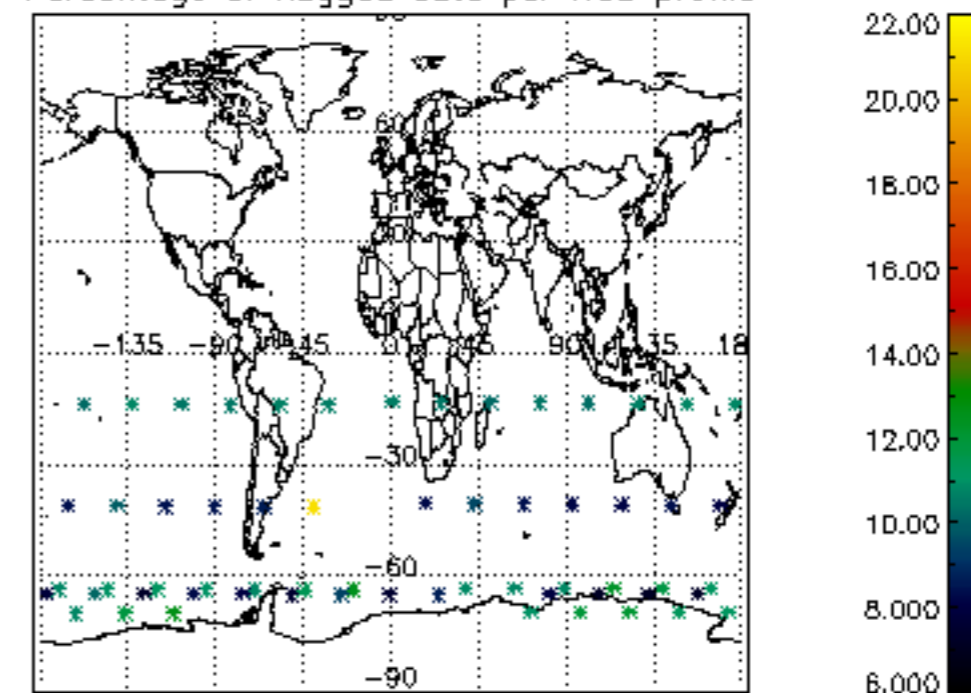
Percentage of flagged data per H2O profile

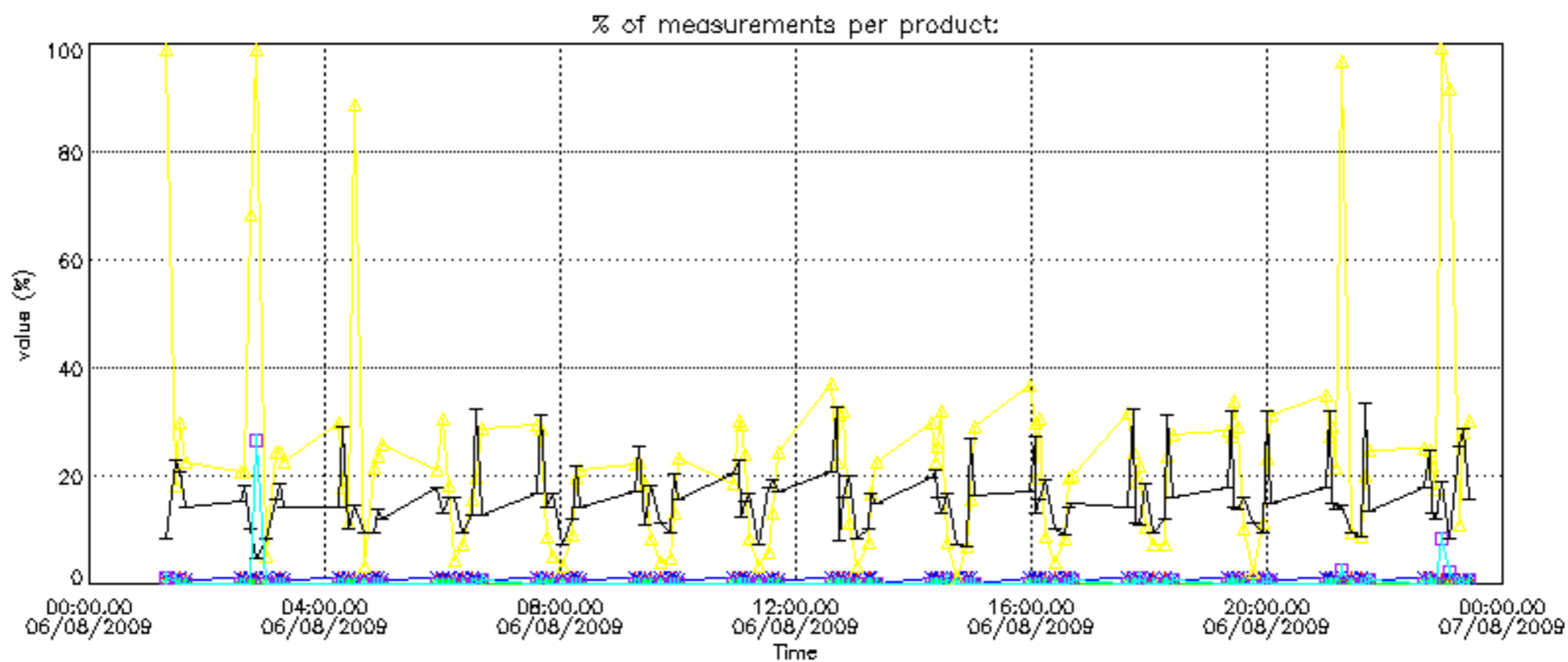


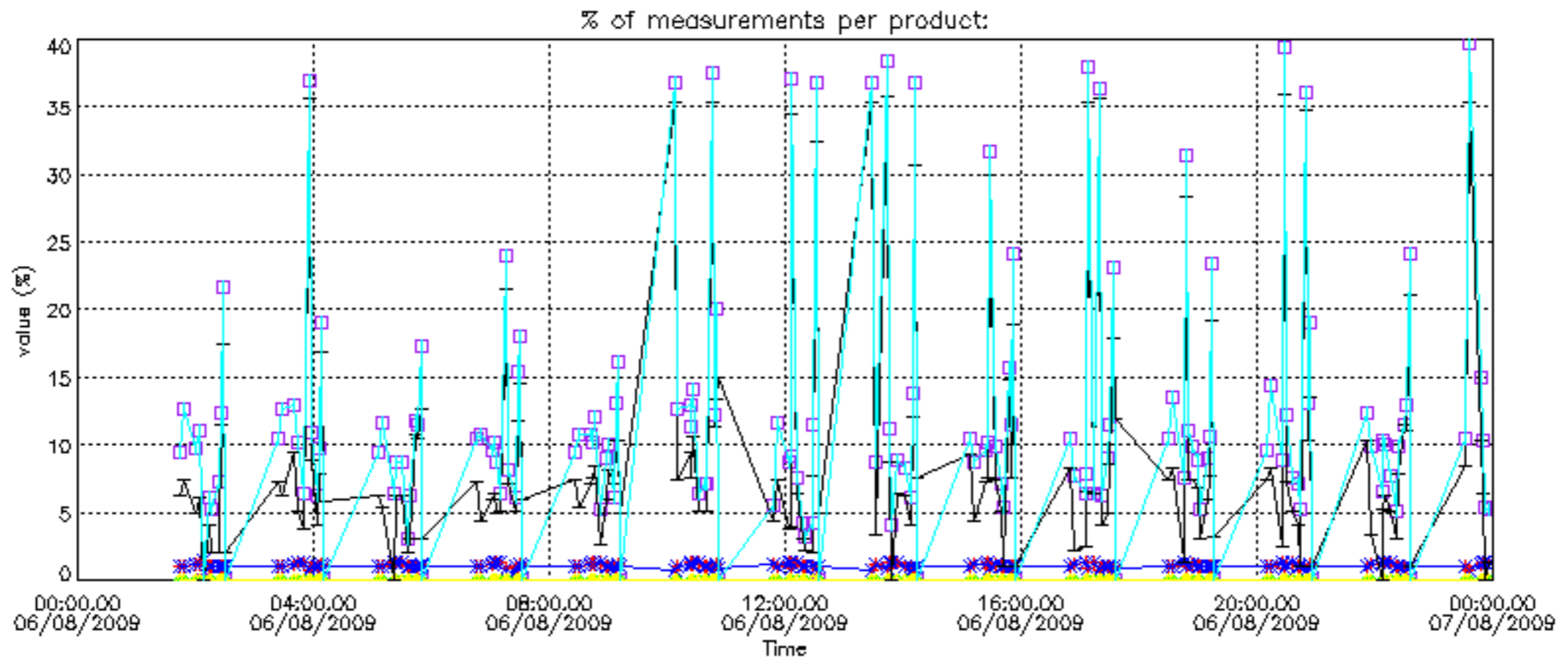
Percentage of flagged data per NO2 profile



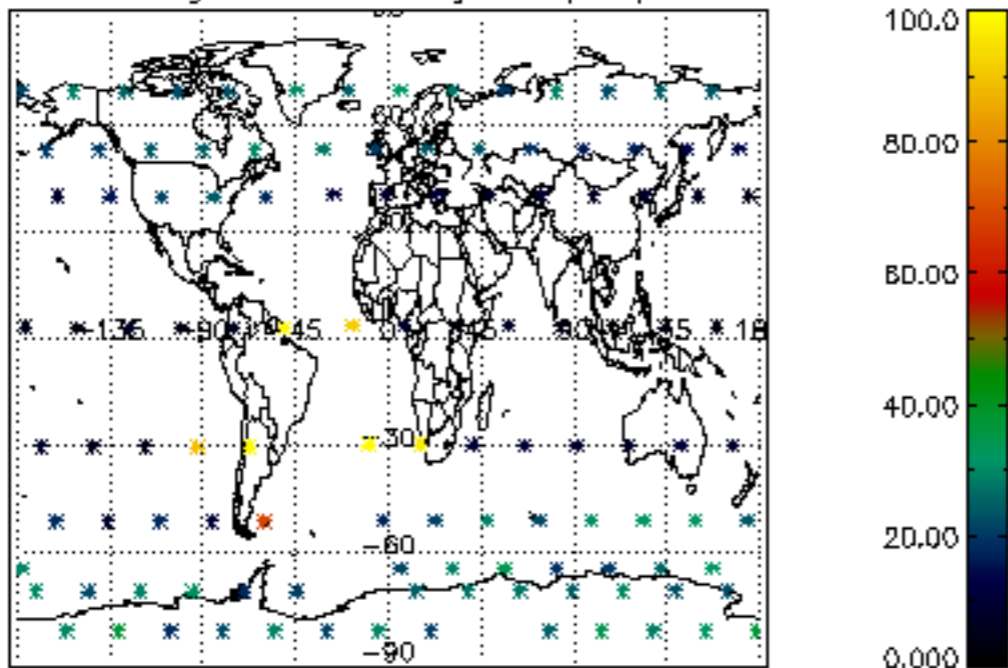
Percentage of flagged data per NO3 profile



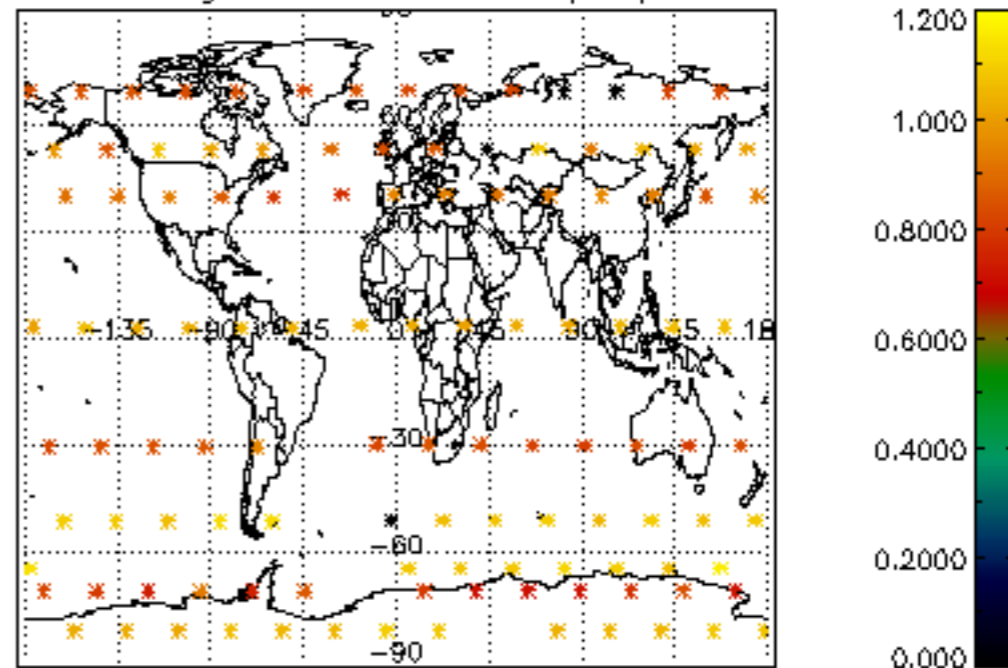




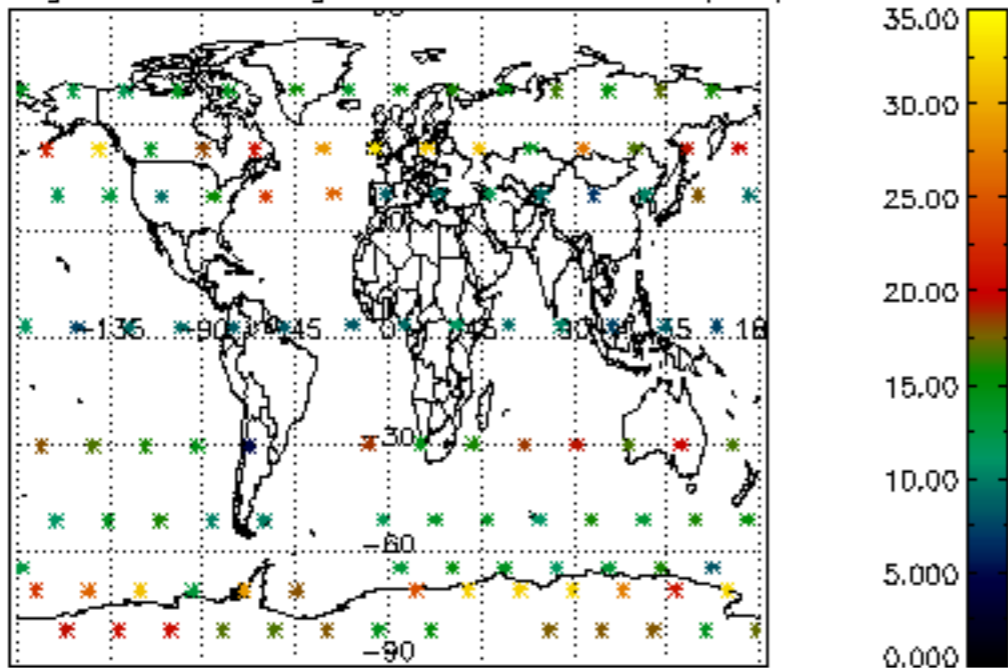
Percentage of cosmic ray hits per profile



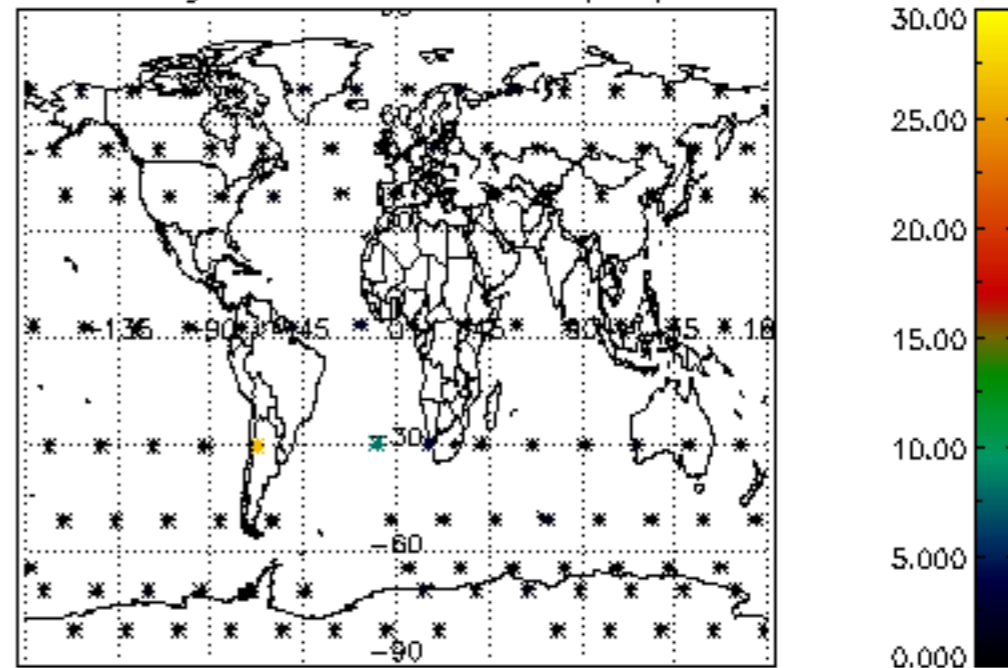
Percentage of datation errors per profile



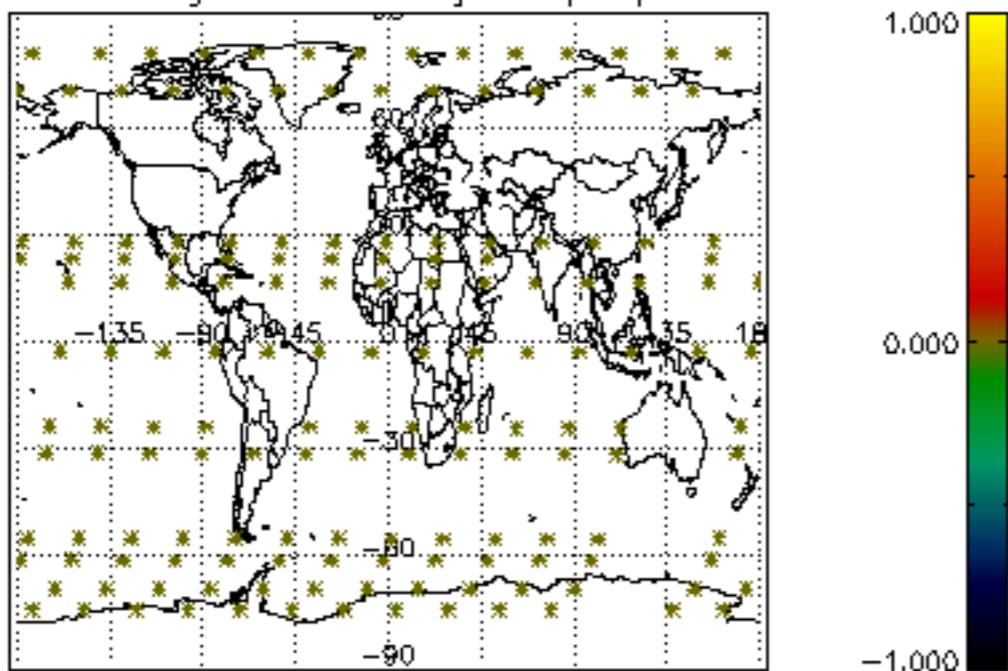
Percentage of star falling outside central band per profile



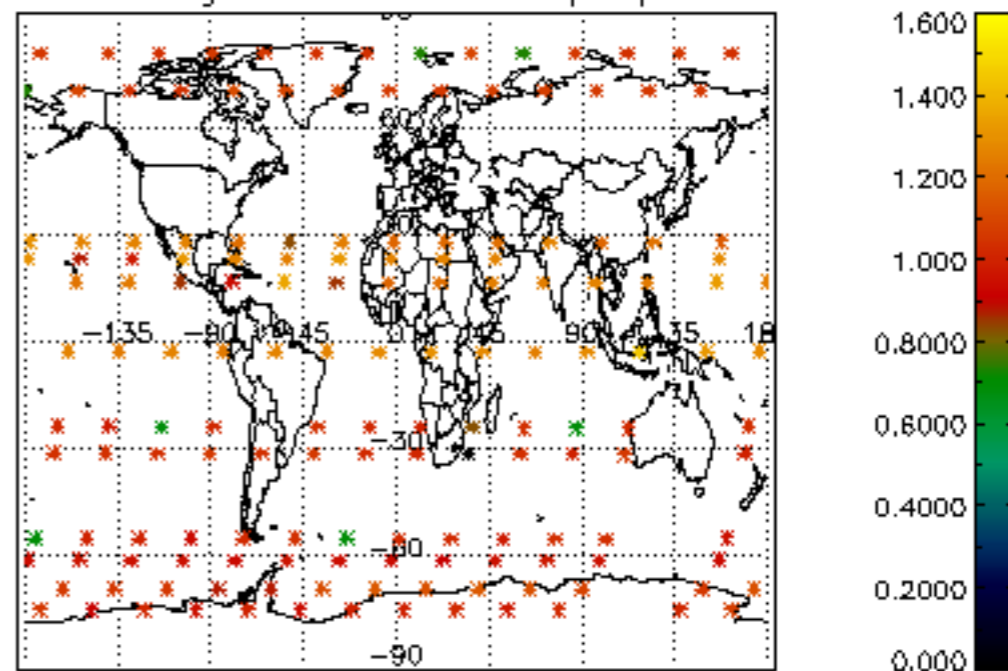
Percentage of saturation errors per profile



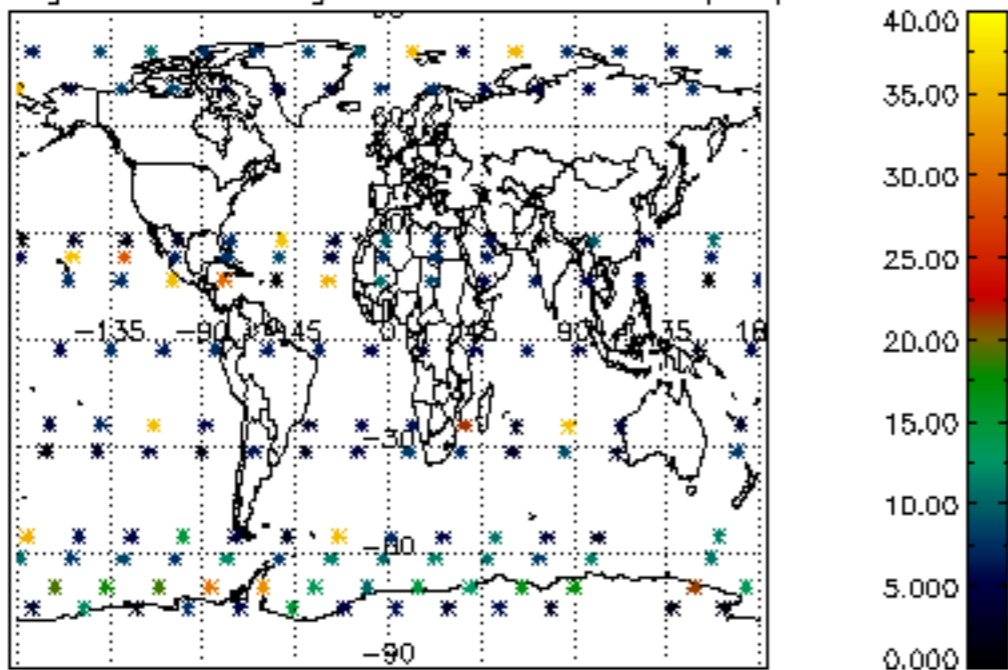
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

