

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	29APR2013 15:05:22
Data source version	GOMOS/6.01
Start time of products	07-09-2010 (07SEP2010 00:00:00)
Stop time of products	08-09-2010 (08SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	250
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__2PRFIN20100907_000936_000000412092_00403_44545_2640.N1	07-SEP-2010 00:09:36	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44545	No
2	GOM_NL__2PRFIN20100907_001057_000000472092_00403_44545_2641.N1	07-SEP-2010 00:10:57	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44545	No
3	GOM_NL__2PRFIN20100907_001651_000000502092_00403_44545_2642.N1	07-SEP-2010 00:16:51	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	44545	No
4	GOM_NL__2PRFIN20100907_002235_000000482092_00403_44545_2643.N1	07-SEP-2010 00:22:35	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44545	No
5	GOM_NL__2PRFIN20100907_003140_000000402092_00403_44545_2644.N1	07-SEP-2010 00:31:40	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44545	No
6	GOM_NL__2PRFIN20100907_003658_000000442092_00403_44545_2645.N1	07-SEP-2010 00:36:58	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	44545	No
7	GOM_NL__2PRFIN20100907_004112_000000432092_00403_44545_2646.N1	07-SEP-2010 00:41:12	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44545	No
8	GOM_NL__2PRFIN20100907_005138_000000412092_00403_44545_2647.N1	07-SEP-2010 00:51:38	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	44545	No
9	GOM_NL__2PRFIN20100907_005340_000000462092_00403_44545_2648.N1	07-SEP-2010 00:53:40	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44545	No
10	GOM_NL__2PRFIN20100907_011000_000000482092_00403_44545_2649.N1	07-SEP-2010 01:10:00	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	44545	No
11	GOM_NL__2PRFIN20100907_011428_000000402092_00403_44545_2650.N1	07-SEP-2010 01:14:28	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	44545	No
12	GOM_NL__2PRFIN20100907_011841_000000662092_00403_44545_2651.N1	07-SEP-2010 01:18:41	Twilight	65.500	151	13Mu Gem	2.8900	3000.0	131	44545	No
13	GOM_NL__2PRFIN20100907_012033_000000532092_00403_44545_2652.N1	07-SEP-2010 01:20:33	Twilight	53.000	44	24Gam Gem	1.9280	11000.	106	44545	No
14	GOM_NL__2PRFIN20100907_012228_000000552092_00403_44545_2653.N1	07-SEP-2010 01:22:28	Twilight	54.500	8	10Alp CMi	0.40000	6500.0	109	44545	No
15	GOM_NL__2PRFIN20100907_013036_000000552092_00403_44545_2654.N1	07-SEP-2010 01:30:36	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	44545	No
16	GOM_NL__2PRFIN20100907_013311_000000472092_00403_44545_2655.N1	07-SEP-2010 01:33:11	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	44545	No
17	GOM_NL__2PRFIN20100907_013817_000000472092_00403_44545_2656.N1	07-SEP-2010 01:38:17	Dark	47.000	108	Alp Col	2.6520	15200.	94	44545	No
18	GOM_NL__2PRFIN20100907_015013_000000412092_00404_44546_2652.N1	07-SEP-2010 01:50:13	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44546	No
19	GOM_NL__2PRFIN20100907_015134_000000542092_00404_44546_2653.N1	07-SEP-2010 01:51:34	Dark	54.000	9	Alp Eri	0.45300	24000.	108	44546	No
20	GOM_NL__2PRFIN20100907_015728_000000562092_00404_44546_2654.N1	07-SEP-2010 01:57:28	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44546	No
21	GOM_NL__2PRFIN20100907_020312_000000492092_00404_44546_2655.N1	07-SEP-2010 02:03:12	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44546	No
22	GOM_NL__2PRFIN20100907_021216_000000392092_00404_44546_2656.N1	07-SEP-2010 02:12:16	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44546	No
23	GOM_NL__2PRFIN20100907_021734_000000442092_00404_44546_2657.N1	07-SEP-2010 02:17:34	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	44546	No
24	GOM_NL__2PRFIN20100907_022148_000000432092_00404_44546_2658.N1	07-SEP-2010 02:21:48	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44546	No
25	GOM_NL__2PRFIN20100907_023214_000000432092_00404_44546_2659.N1	07-SEP-2010 02:32:14	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	44546	No
26	GOM_NL__2PRFIN20100907_023415_000000412092_00404_44546_2660.N1	07-SEP-2010 02:34:15	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	44546	No
27	GOM_NL__2PRFIN20100907_025036_000000502092_00404_44546_2661.N1	07-SEP-2010 02:50:36	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	44546	No
28	GOM_NL__2PRFIN20100907_025505_000000392092_00404_44546_2662.N1	07-SEP-2010 02:55:05	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	44546	No
29	GOM_NL__2PRFIN20100907_025917_000000652092_00404_44546_2663.N1	07-SEP-2010 02:59:17	Twilight	64.500	151	13Mu Gem	2.8900	3000.0	129	44546	No
30	GOM_NL__2PRFIN20100907_030109_000000562092_00404_44546_2664.N1	07-SEP-2010 03:01:09	Twilight	56.000	44	24Gam Gem	1.9280	11000.	112	44546	No
31	GOM_NL__2PRFIN20100907_030304_000000562092_00404_44546_2665.N1	07-SEP-2010 03:03:04	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	44546	No
32	GOM_NL__2PRFIN20100907_031112_000000562092_00404_44546_2666.N1	07-SEP-2010 03:11:12	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	44546	No
33	GOM_NL__2PRFIN20100907_031348_000000442092_00404_44546_2667.N1	07-SEP-2010 03:13:48	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	44546	No
34	GOM_NL__2PRFIN20100907_031854_000000472092_00404_44546_2668.N1	07-SEP-2010 03:18:54	Dark	47.000	108	Alp Col	2.6520	15200.	94	44546	No
35	GOM_NL__2PRFIN20100907_033049_000000412092_00405_44547_2674.N1	07-SEP-2010 03:30:49	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44547	No
36	GOM_NL__2PRFIN20100907_033210_000000502092_00405_44547_2675.N1	07-SEP-2010 03:32:10	Dark	49.500	9	Alp Eri	0.45300	24000.	99	44547	No
37	GOM_NL__2PRFIN20100907_033805_000000482092_00405_44547_2676.N1	07-SEP-2010 03:38:05	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	44547	No
38	GOM_NL__2PRFIN20100907_034347_000000462092_00405_44547_2677.N1	07-SEP-2010 03:43:47	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	44547	No
39	GOM_NL__2PRFIN20100907_035253_000000402092_00405_44547_2678.N1	07-SEP-2010 03:52:53	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44547	No
40	GOM_NL__2PRFIN20100907_035810_000000442092_00405_44547_2679.N1	07-SEP-2010 03:58:10	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	44547	No
41	GOM_NL__2PRFIN20100907_040223_000000412092_00405_44547_2680.N1	07-SEP-2010 04:02:23	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	44547	No
42	GOM_NL__2PRFIN20100907_041249_000000422092_00405_44547_2681.N1	07-SEP-2010 04:12:49	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44547	No

43	GOM_NL__2PRFIN20100907_041450_000000452092_00405_44547_2682.N1	07-SEP-2010 04:14:50	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44547	No
44	GOM_NL__2PRFIN20100907_043112_000000492092_00405_44547_2683.N1	07-SEP-2010 04:31:12	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	44547	No
45	GOM_NL__2PRFIN20100907_043541_000000392092_00405_44547_2684.N1	07-SEP-2010 04:35:41	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	44547	No
46	GOM_NL__2PRFIN20100907_043954_000000632092_00405_44547_2685.N1	07-SEP-2010 04:39:54	Twi_and_stray	62.500	151	13Mu Gem	2.8900	3000.0	125	44547	No
47	GOM_NL__2PRFIN20100907_044146_000000542092_00405_44547_2686.N1	07-SEP-2010 04:41:46	Twi_and_stray	53.500	44	24Gam Gem	1.9280	11000.	107	44547	No
48	GOM_NL__2PRFIN20100907_044340_000000442092_00405_44547_2687.N1	07-SEP-2010 04:43:40	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	44547	No
49	GOM_NL__2PRFIN20100907_045149_000000522092_00405_44547_2688.N1	07-SEP-2010 04:51:49	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	44547	No
50	GOM_NL__2PRFIN20100907_045425_000000482092_00405_44547_2689.N1	07-SEP-2010 04:54:25	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	44547	No
51	GOM_NL__2PRFIN20100907_045623_000000442092_00405_44547_2690.N1	07-SEP-2010 04:56:23	Dark	43.500	177	1Zet CMa	3.0220	26000.	87	44547	No
52	GOM_NL__2PRFIN20100907_045931_000000502092_00405_44547_2691.N1	07-SEP-2010 04:59:31	Dark	49.500	108	Alp Col	2.6520	15200.	99	44547	No
53	GOM_NL__2PRFIN20100907_051126_000000402092_00406_44548_2685.N1	07-SEP-2010 05:11:26	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44548	No
54	GOM_NL__2PRFIN20100907_051247_000000452092_00406_44548_2686.N1	07-SEP-2010 05:12:47	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44548	No
55	GOM_NL__2PRFIN20100907_051841_000000552092_00406_44548_2687.N1	07-SEP-2010 05:18:41	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44548	No
56	GOM_NL__2PRFIN20100907_052424_000000452092_00406_44548_2688.N1	07-SEP-2010 05:24:24	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	44548	No
57	GOM_NL__2PRFIN20100907_053328_000000402092_00406_44548_2689.N1	07-SEP-2010 05:33:28	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44548	No
58	GOM_NL__2PRFIN20100907_053845_000000442092_00406_44548_2690.N1	07-SEP-2010 05:38:45	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	44548	No
59	GOM_NL__2PRFIN20100907_054259_000000412092_00406_44548_2691.N1	07-SEP-2010 05:42:59	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	44548	No
60	GOM_NL__2PRFIN20100907_055325_000000452092_00406_44548_2692.N1	07-SEP-2010 05:53:25	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44548	No
61	GOM_NL__2PRFIN20100907_055526_000000452092_00406_44548_2693.N1	07-SEP-2010 05:55:26	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44548	No
62	GOM_NL__2PRFIN20100907_061148_000000502092_00406_44548_2694.N1	07-SEP-2010 06:11:48	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	44548	No
63	GOM_NL__2PRFIN20100907_061617_000000412092_00406_44548_2695.N1	07-SEP-2010 06:16:17	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	44548	No
64	GOM_NL__2PRFIN20100907_062030_000000682092_00406_44548_2696.N1	07-SEP-2010 06:20:30	Twi_and_stray	67.500	151	13Mu Gem	2.8900	3000.0	135	44548	No
65	GOM_NL__2PRFIN20100907_062222_000000532092_00406_44548_2697.N1	07-SEP-2010 06:22:22	Twi_and_stray	52.500	44	24Gam Gem	1.9280	11000.	105	44548	No
66	GOM_NL__2PRFIN20100907_062417_000000432092_00406_44548_2698.N1	07-SEP-2010 06:24:17	Twilight	43.000	8	10Alp CMi	0.40000	6500.0	86	44548	No
67	GOM_NL__2PRFIN20100907_063226_000000552092_00406_44548_2699.N1	07-SEP-2010 06:32:26	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	44548	No
68	GOM_NL__2PRFIN20100907_063501_000000462092_00406_44548_2700.N1	07-SEP-2010 06:35:01	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	44548	No
69	GOM_NL__2PRFIN20100907_063700_000000442092_00406_44548_2701.N1	07-SEP-2010 06:37:00	Dark	43.500	177	1Zet CMa	3.0220	26000.	87	44548	No
70	GOM_NL__2PRFIN20100907_064008_000000512092_00406_44548_2702.N1	07-SEP-2010 06:40:08	Dark	50.500	108	Alp Col	2.6520	15200.	101	44548	No
71	GOM_NL__2PRFIN20100907_065202_000000412092_00407_44549_2695.N1	07-SEP-2010 06:52:02	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44549	No
72	GOM_NL__2PRFIN20100907_065324_000000552092_00407_44549_2696.N1	07-SEP-2010 06:53:24	Dark	54.500	9	Alp Eri	0.45300	24000.	109	44549	No
73	GOM_NL__2PRFIN20100907_065918_000000542092_00407_44549_2697.N1	07-SEP-2010 06:59:18	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	44549	No
74	GOM_NL__2PRFIN20100907_070500_000000462092_00407_44549_2698.N1	07-SEP-2010 07:05:00	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	44549	No
75	GOM_NL__2PRFIN20100907_071405_000000392092_00407_44549_2699.N1	07-SEP-2010 07:14:05	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	44549	No
76	GOM_NL__2PRFIN20100907_071921_000000442092_00407_44549_2700.N1	07-SEP-2010 07:19:21	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	44549	No
77	GOM_NL__2PRFIN20100907_072334_000000422092_00407_44549_2701.N1	07-SEP-2010 07:23:34	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	44549	No
78	GOM_NL__2PRFIN20100907_073400_000000432092_00407_44549_2702.N1	07-SEP-2010 07:34:00	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44549	No
79	GOM_NL__2PRFIN20100907_073601_000000452092_00407_44549_2703.N1	07-SEP-2010 07:36:01	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	44549	No
80	GOM_NL__2PRFIN20100907_075224_000000512092_00407_44549_2704.N1	07-SEP-2010 07:52:24	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	44549	No
81	GOM_NL__2PRFIN20100907_075653_000000532092_00407_44549_2705.N1	07-SEP-2010 07:56:53	Bright	53.000	24	66Alp Gem	1.5800	10200.	106	44549	No
82	GOM_NL__2PRFIN20100907_080107_000000592092_00407_44549_2706.N1	07-SEP-2010 08:01:07	Twi_and_stray	59.000	151	13Mu Gem	2.8900	3000.0	118	44549	No
83	GOM_NL__2PRFIN20100907_080259_000000482092_00407_44549_2707.N1	07-SEP-2010 08:02:59	Twi_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	44549	No
84	GOM_NL__2PRFIN20100907_080453_000000412092_00407_44549_2708.N1	07-SEP-2010 08:04:53	Twilight	40.500	8	10Alp CMi	0.40000	6500.0	81	44549	No
85	GOM_NL__2PRFIN20100907_081303_000000552092_00407_44549_2709.N1	07-SEP-2010 08:13:03	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	44549	No
86	GOM_NL__2PRFIN20100907_081538_000000462092_00407_44549_2710.N1	07-SEP-2010 08:15:38	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	44549	No
87	GOM_NL__2PRFIN20100907_081736_000000442092_00407_44549_2711.N1	07-SEP-2010 08:17:36	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	44549	No
88	GOM_NL__2PRFIN20100907_082045_000000472092_00407_44549_2712.N1	07-SEP-2010 08:20:45	Dark	46.500	108	Alp Col	2.6520	15200.	93	44549	No
89	GOM_NL__2PRFIN20100907_083239_000000412092_00408_44550_2723.N1	07-SEP-2010 08:32:39	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44550	No
90	GOM_NL__2PRFIN20100907_083400_000000552092_00408_44550_2724.N1	07-SEP-2010 08:34:00	Dark	54.500	9	Alp Eri	0.45300	24000.	109	44550	No
91	GOM_NL__2PRFIN20100907_083954_000000472092_00408_44550_2725.N1	07-SEP-2010 08:39:54	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	44550	No
92	GOM_NL__2PRFIN20100907_084536_000000472092_00408_44550_2726.N1	07-SEP-2010 08:45:36	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	44550	No
93	GOM_NL__2PRFIN20100907_085440_000000402092_00408_44550_2727.N1	07-SEP-2010 08:54:40	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44550	No
94	GOM_NL__2PRFIN20100907_085956_000000452092_00408_44550_2728.N1	07-SEP-2010 08:59:56	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	44550	No
95	GOM_NL__2PRFIN20100907_090410_000000392092_00408_44550_2729.N1	07-SEP-2010 09:04:10	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	44550	No
96	GOM_NL__2PRFIN20100907_091436_000000442092_00408_44550_2730.N1	07-SEP-2010 09:14:36	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44550	No
97	GOM_NL__2PRFIN20100907_091637_000000452092_00408_44550_2731.N1	07-SEP-2010 09:16:37	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44550	No
98	GOM_NL__2PRFIN20100907_093259_000000502092_00408_44550_2732.N1	07-SEP-2010 09:32:59	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	44550	No
99	GOM_NL__2PRFIN20100907_093729_000000402092_00408_44550_2733.N1	07-SEP-2010 09:37:29	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	44550	No
100	GOM_NL__2PRFIN20100907_094143_000000542092_00408_44550_2734.N1	07-SEP-2010 09:41:43	Twi_and_stray	54.000	151	13Mu Gem	2.8900	3000.0	108	44550	No
101	GOM_NL__2PRFIN20100907_094335_000000552092_00408_44550_2735.N1	07-SEP-2010 09:43:35	Twi_and_stray	55.000	44	24Gam Gem	1.9280	11000.	110	44550	No

102	GOM_NL__2PRFIN20100907_094530_000000412092_00408_44550_2736.N1	07-SEP-2010 09:45:30	Twilight	41.000	8	10Alp CMi	0.40000	6500.0	82	44550	No
103	GOM_NL__2PRFIN20100907_095339_000000532092_00408_44550_2737.N1	07-SEP-2010 09:53:39	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	44550	No
104	GOM_NL__2PRFIN20100907_095614_000000472092_00408_44550_2738.N1	07-SEP-2010 09:56:14	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	44550	No
105	GOM_NL__2PRFIN20100907_095813_000000452092_00408_44550_2739.N1	07-SEP-2010 09:58:13	Dark	45.000	177	1Zet CMa	3.0220	26000.	90	44550	No
106	GOM_NL__2PRFIN20100907_100122_000000472092_00408_44550_2740.N1	07-SEP-2010 10:01:22	Dark	47.000	108	Alp Col	2.6520	15200.	94	44550	No
107	GOM_NL__2PRFIN20100907_101315_000000392092_00409_44551_2782.N1	07-SEP-2010 10:13:15	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	44551	No
108	GOM_NL__2PRFIN20100907_101436_000000482092_00409_44551_2783.N1	07-SEP-2010 10:14:36	Dark	48.000	9	Alp Eri	0.45300	24000.	96	44551	No
109	GOM_NL__2PRFIN20100907_102031_000000472092_00409_44551_2784.N1	07-SEP-2010 10:20:31	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	44551	No
110	GOM_NL__2PRFIN20100907_102613_000000452092_00409_44551_2785.N1	07-SEP-2010 10:26:13	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	44551	No
111	GOM_NL__2PRFIN20100907_103516_000000392092_00409_44551_2786.N1	07-SEP-2010 10:35:16	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	44551	No
112	GOM_NL__2PRFIN20100907_104032_000000422092_00409_44551_2787.N1	07-SEP-2010 10:40:32	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	44551	No
113	GOM_NL__2PRFIN20100907_104445_000000432092_00409_44551_2788.N1	07-SEP-2010 10:44:45	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44551	No
114	GOM_NL__2PRFIN20100907_105511_000000412092_00409_44551_2789.N1	07-SEP-2010 10:55:11	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	44551	No
115	GOM_NL__2PRFIN20100907_105712_000000462092_00409_44551_2790.N1	07-SEP-2010 10:57:12	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44551	No
116	GOM_NL__2PRFIN20100907_111335_000000512092_00409_44551_2791.N1	07-SEP-2010 11:13:35	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	44551	No
117	GOM_NL__2PRFIN20100907_111805_000000402092_00409_44551_2792.N1	07-SEP-2010 11:18:05	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	44551	No
118	GOM_NL__2PRFIN20100907_112219_000000642092_00409_44551_2793.N1	07-SEP-2010 11:22:19	Twi_and_stray	64.000	151	13Mu Gem	2.8900	3000.0	128	44551	No
119	GOM_NL__2PRFIN20100907_112412_000000552092_00409_44551_2794.N1	07-SEP-2010 11:24:12	Twi_and_stray	55.000	44	24Gam Gem	1.9280	11000.	110	44551	No
120	GOM_NL__2PRFIN20100907_112606_000000532092_00409_44551_2795.N1	07-SEP-2010 11:26:06	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	44551	No
121	GOM_NL__2PRFIN20100907_113416_000000522092_00409_44551_2796.N1	07-SEP-2010 11:34:16	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	44551	No
122	GOM_NL__2PRFIN20100907_113651_000000472092_00409_44551_2797.N1	07-SEP-2010 11:36:51	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	44551	No
123	GOM_NL__2PRFIN20100907_113850_000000452092_00409_44551_2798.N1	07-SEP-2010 11:38:50	Dark	45.000	177	1Zet CMa	3.0220	26000.	90	44551	No
124	GOM_NL__2PRFIN20100907_114158_000000472092_00409_44551_2799.N1	07-SEP-2010 11:41:58	Dark	47.000	108	Alp Col	2.6520	15200.	94	44551	No
125	GOM_NL__2PRFIN20100907_115352_000000432092_00410_44552_2808.N1	07-SEP-2010 11:53:52	Dark	42.500	143	Alp Hyi	2.8570	7200.0	85	44552	No
126	GOM_NL__2PRFIN20100907_115513_000000472092_00410_44552_2809.N1	07-SEP-2010 11:55:13	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44552	No
127	GOM_NL__2PRFIN20100907_120107_000000462092_00410_44552_2810.N1	07-SEP-2010 12:01:07	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	44552	No
128	GOM_NL__2PRFIN20100907_120649_000000452092_00410_44552_2811.N1	07-SEP-2010 12:06:49	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	44552	No
129	GOM_NL__2PRFIN20100907_121552_000000382092_00410_44552_2812.N1	07-SEP-2010 12:15:52	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	44552	No
130	GOM_NL__2PRFIN20100907_122107_000000452092_00410_44552_2813.N1	07-SEP-2010 12:21:07	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44552	No
131	GOM_NL__2PRFIN20100907_122521_000000402092_00410_44552_2814.N1	07-SEP-2010 12:25:21	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	44552	No
132	GOM_NL__2PRFIN20100907_123546_000000452092_00410_44552_2815.N1	07-SEP-2010 12:35:46	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44552	No
133	GOM_NL__2PRFIN20100907_123747_000000422092_00410_44552_2816.N1	07-SEP-2010 12:37:47	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44552	No
134	GOM_NL__2PRFIN20100907_125411_000000702092_00410_44552_2817.N1	07-SEP-2010 12:54:11	Bright	70.000	42	34Bet Aur	1.9000	10200.	140	44552	No
135	GOM_NL__2PRFIN20100907_125841_000000412092_00410_44552_2818.N1	07-SEP-2010 12:58:41	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	44552	No
136	GOM_NL__2PRFIN20100907_130255_000000632092_00410_44552_2819.N1	07-SEP-2010 13:02:55	Twi_and_stray	63.000	151	13Mu Gem	2.8900	3000.0	126	44552	No
137	GOM_NL__2PRFIN20100907_130448_000000582092_00410_44552_2820.N1	07-SEP-2010 13:04:48	Twi_and_stray	58.000	44	24Gam Gem	1.9280	11000.	116	44552	No
138	GOM_NL__2PRFIN20100907_130642_000000542092_00410_44552_2821.N1	07-SEP-2010 13:06:42	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	44552	No
139	GOM_NL__2PRFIN20100907_131453_000000572092_00410_44552_2822.N1	07-SEP-2010 13:14:53	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	44552	No
140	GOM_NL__2PRFIN20100907_131727_000000442092_00410_44552_2823.N1	07-SEP-2010 13:17:27	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	44552	No
141	GOM_NL__2PRFIN20100907_131926_000000442092_00410_44552_2824.N1	07-SEP-2010 13:19:26	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	44552	No
142	GOM_NL__2PRFIN20100907_132235_000000482092_00410_44552_2825.N1	07-SEP-2010 13:22:35	Dark	48.000	108	Alp Col	2.6520	15200.	96	44552	No
143	GOM_NL__2PRFIN20100907_133428_000000412092_00411_44553_2823.N1	07-SEP-2010 13:34:28	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44553	No
144	GOM_NL__2PRFIN20100907_133549_000000462092_00411_44553_2824.N1	07-SEP-2010 13:35:49	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44553	No
145	GOM_NL__2PRFIN20100907_134143_000000482092_00411_44553_2825.N1	07-SEP-2010 13:41:43	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	44553	No
146	GOM_NL__2PRFIN20100907_134725_000000512092_00411_44553_2826.N1	07-SEP-2010 13:47:25	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44553	No
147	GOM_NL__2PRFIN20100907_135628_000000392092_00411_44553_2827.N1	07-SEP-2010 13:56:28	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44553	No
148	GOM_NL__2PRFIN20100907_140143_000000442092_00411_44553_2828.N1	07-SEP-2010 14:01:43	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	44553	No
149	GOM_NL__2PRFIN20100907_140557_000000412092_00411_44553_2829.N1	07-SEP-2010 14:05:57	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	44553	No
150	GOM_NL__2PRFIN20100907_141622_000000432092_00411_44553_2830.N1	07-SEP-2010 14:16:22	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	44553	No
151	GOM_NL__2PRFIN20100907_141822_000000452092_00411_44553_2831.N1	07-SEP-2010 14:18:22	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	44553	No
152	GOM_NL__2PRFIN20100907_143446_000000522092_00411_44553_2832.N1	07-SEP-2010 14:34:46	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	44553	No
153	GOM_NL__2PRFIN20100907_143917_000000412092_00411_44553_2833.N1	07-SEP-2010 14:39:17	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	44553	No
154	GOM_NL__2PRFIN20100907_144332_000000642092_00411_44553_2834.N1	07-SEP-2010 14:43:32	Twi_and_stray	64.000	151	13Mu Gem	2.8900	3000.0	128	44553	No
155	GOM_NL__2PRFIN20100907_144524_000000542092_00411_44553_2835.N1	07-SEP-2010 14:45:24	Twi_and_stray	54.000	44	24Gam Gem	1.9280	11000.	108	44553	No
156	GOM_NL__2PRFIN20100907_144718_000000512092_00411_44553_2836.N1	07-SEP-2010 14:47:18	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	44553	No
157	GOM_NL__2PRFIN20100907_145529_000000512092_00411_44553_2837.N1	07-SEP-2010 14:55:29	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	44553	No
158	GOM_NL__2PRFIN20100907_145804_000000442092_00411_44553_2838.N1	07-SEP-2010 14:58:04	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	44553	No
159	GOM_NL__2PRFIN20100907_150003_000000442092_00411_44553_2839.N1	07-SEP-2010 15:00:03	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	44553	No
160	GOM_NL__2PRFIN20100907_150313_000000472092_00411_44553_2840.N1	07-SEP-2010 15:03:13	Dark	47.000	108	Alp Col	2.6520	15200.	94	44553	No

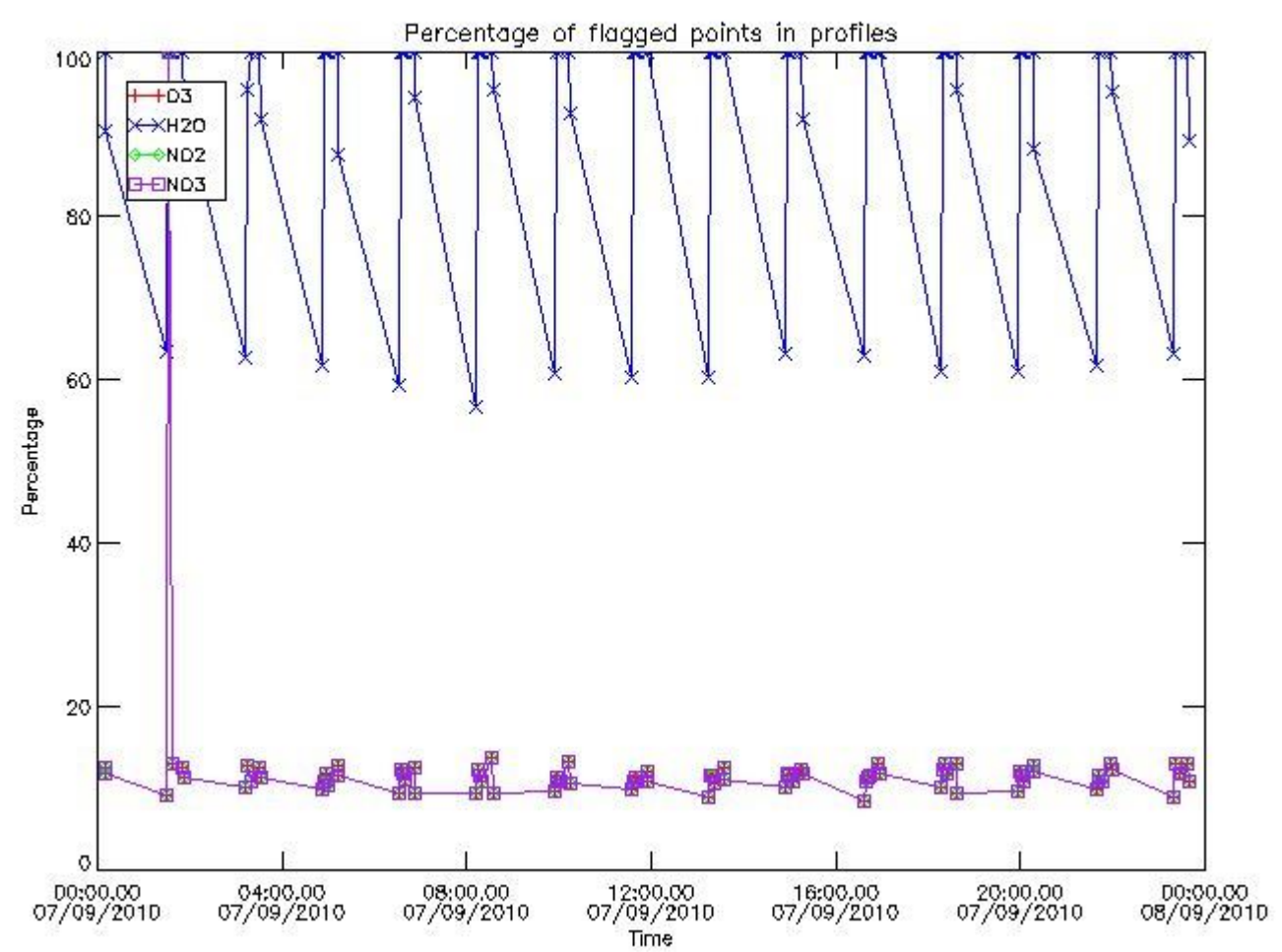
161	GOM_NL__2PRFIN20100907_151505_000000422092_00412_44554_2880.N1	07-SEP-2010 15:15:05	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	44554	No
162	GOM_NL__2PRFIN20100907_151626_000000442092_00412_44554_2881.N1	07-SEP-2010 15:16:26	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44554	No
163	GOM_NL__2PRFIN20100907_152220_000000542092_00412_44554_2882.N1	07-SEP-2010 15:22:20	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44554	No
164	GOM_NL__2PRFIN20100907_152801_000000462092_00412_44554_2883.N1	07-SEP-2010 15:28:01	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	44554	No
165	GOM_NL__2PRFIN20100907_153704_000000402092_00412_44554_2884.N1	07-SEP-2010 15:37:04	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44554	No
166	GOM_NL__2PRFIN20100907_154219_000000452092_00412_44554_2885.N1	07-SEP-2010 15:42:19	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	44554	No
167	GOM_NL__2PRFIN20100907_154632_000000412092_00412_44554_2886.N1	07-SEP-2010 15:46:32	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	44554	No
168	GOM_NL__2PRFIN20100907_155657_000000442092_00412_44554_2887.N1	07-SEP-2010 15:56:57	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	44554	No
169	GOM_NL__2PRFIN20100907_155858_000000422092_00412_44554_2888.N1	07-SEP-2010 15:58:58	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44554	No
170	GOM_NL__2PRFIN20100907_161523_000000502092_00412_44554_2889.N1	07-SEP-2010 16:15:23	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	44554	No
171	GOM_NL__2PRFIN20100907_161953_000000422092_00412_44554_2890.N1	07-SEP-2010 16:19:53	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	44554	No
172	GOM_NL__2PRFIN20100907_162408_000000632092_00412_44554_2891.N1	07-SEP-2010 16:24:08	Twilight	63.000	151	13Mu Gem	2.8900	3000.0	126	44554	No
173	GOM_NL__2PRFIN20100907_162601_000000582092_00412_44554_2892.N1	07-SEP-2010 16:26:01	Twilight	57.500	44	24Gam Gem	1.9280	11000.	115	44554	No
174	GOM_NL__2PRFIN20100907_162755_000000542092_00412_44554_2893.N1	07-SEP-2010 16:27:55	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	44554	No
175	GOM_NL__2PRFIN20100907_163606_000000612092_00412_44554_2894.N1	07-SEP-2010 16:36:06	Dark	61.000	1	9Alp CMA	-1.4400	11000.	122	44554	No
176	GOM_NL__2PRFIN20100907_163841_000000472092_00412_44554_2895.N1	07-SEP-2010 16:38:41	Dark	46.500	23	21Eps CMA	1.5020	26000.	93	44554	No
177	GOM_NL__2PRFIN20100907_164040_000000452092_00412_44554_2896.N1	07-SEP-2010 16:40:40	Dark	45.000	177	1Zet CMA	3.0220	26000.	90	44554	No
178	GOM_NL__2PRFIN20100907_164349_000000452092_00412_44554_2897.N1	07-SEP-2010 16:43:49	Dark	44.500	108	Alp Col	2.6520	15200.	89	44554	No
179	GOM_NL__2PRFIN20100907_165541_000000402092_00413_44555_2921.N1	07-SEP-2010 16:55:41	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44555	No
180	GOM_NL__2PRFIN20100907_165703_000000432092_00413_44555_2922.N1	07-SEP-2010 16:57:03	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44555	No
181	GOM_NL__2PRFIN20100907_170256_000000502092_00413_44555_2923.N1	07-SEP-2010 17:02:56	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	44555	No
182	GOM_NL__2PRFIN20100907_170837_000000482092_00413_44555_2924.N1	07-SEP-2010 17:08:37	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44555	No
183	GOM_NL__2PRFIN20100907_171740_000000392092_00413_44555_2925.N1	07-SEP-2010 17:17:40	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44555	No
184	GOM_NL__2PRFIN20100907_172254_000000442092_00413_44555_2926.N1	07-SEP-2010 17:22:54	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	44555	No
185	GOM_NL__2PRFIN20100907_172708_000000412092_00413_44555_2927.N1	07-SEP-2010 17:27:08	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	44555	No
186	GOM_NL__2PRFIN20100907_173732_000000442092_00413_44555_2928.N1	07-SEP-2010 17:37:32	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44555	No
187	GOM_NL__2PRFIN20100907_173933_000000472092_00413_44555_2929.N1	07-SEP-2010 17:39:33	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44555	No
188	GOM_NL__2PRFIN20100907_175558_000000522092_00413_44555_2930.N1	07-SEP-2010 17:55:58	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	44555	No
189	GOM_NL__2PRFIN20100907_180029_000000422092_00413_44555_2931.N1	07-SEP-2010 18:00:29	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	44555	No
190	GOM_NL__2PRFIN20100907_180445_000000632092_00413_44555_2932.N1	07-SEP-2010 18:04:45	Twilight	63.000	151	13Mu Gem	2.8900	3000.0	126	44555	No
191	GOM_NL__2PRFIN20100907_180637_000000532092_00413_44555_2933.N1	07-SEP-2010 18:06:37	Twilight	53.000	44	24Gam Gem	1.9280	11000.	106	44555	No
192	GOM_NL__2PRFIN20100907_180831_000000542092_00413_44555_2934.N1	07-SEP-2010 18:08:31	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	44555	No
193	GOM_NL__2PRFIN20100907_181643_000000512092_00413_44555_2935.N1	07-SEP-2010 18:16:43	Dark	50.500	1	9Alp CMA	-1.4400	11000.	101	44555	No
194	GOM_NL__2PRFIN20100907_181917_000000462092_00413_44555_2936.N1	07-SEP-2010 18:19:17	Dark	45.500	23	21Eps CMA	1.5020	26000.	91	44555	No
195	GOM_NL__2PRFIN20100907_182117_000000432092_00413_44555_2937.N1	07-SEP-2010 18:21:17	Dark	43.000	177	1Zet CMA	3.0220	26000.	86	44555	No
196	GOM_NL__2PRFIN20100907_182427_000000472092_00413_44555_2938.N1	07-SEP-2010 18:24:27	Dark	47.000	108	Alp Col	2.6520	15200.	94	44555	No
197	GOM_NL__2PRFIN20100907_183617_000000402092_00414_44556_2953.N1	07-SEP-2010 18:36:17	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44556	No
198	GOM_NL__2PRFIN20100907_183739_000000542092_00414_44556_2954.N1	07-SEP-2010 18:37:39	Dark	53.500	9	Alp Eri	0.45300	24000.	107	44556	No
199	GOM_NL__2PRFIN20100907_184333_000000522092_00414_44556_2955.N1	07-SEP-2010 18:43:33	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	44556	No
200	GOM_NL__2PRFIN20100907_184914_000000482092_00414_44556_2956.N1	07-SEP-2010 18:49:14	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44556	No
201	GOM_NL__2PRFIN20100907_185816_000000382092_00414_44556_2957.N1	07-SEP-2010 18:58:16	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	44556	No
202	GOM_NL__2PRFIN20100907_190330_000000432092_00414_44556_2958.N1	07-SEP-2010 19:03:30	Bright	42.500	90	54Alp Peg	2.4870	11000.	85	44556	No
203	GOM_NL__2PRFIN20100907_190744_000000422092_00414_44556_2959.N1	07-SEP-2010 19:07:44	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	44556	No
204	GOM_NL__2PRFIN20100907_191808_000000452092_00414_44556_2960.N1	07-SEP-2010 19:18:08	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44556	No
205	GOM_NL__2PRFIN20100907_192008_000000422092_00414_44556_2961.N1	07-SEP-2010 19:20:08	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44556	No
206	GOM_NL__2PRFIN20100907_194105_000000572092_00414_44556_2962.N1	07-SEP-2010 19:41:05	Bright	57.000	24	66Alp Gem	1.5800	10200.	114	44556	No
207	GOM_NL__2PRFIN20100907_194521_000000552092_00414_44556_2963.N1	07-SEP-2010 19:45:21	Twilight	55.000	151	13Mu Gem	2.8900	3000.0	110	44556	No
208	GOM_NL__2PRFIN20100907_194714_000000562092_00414_44556_2964.N1	07-SEP-2010 19:47:14	Twilight	56.000	44	24Gam Gem	1.9280	11000.	112	44556	No
209	GOM_NL__2PRFIN20100907_194907_000000512092_00414_44556_2965.N1	07-SEP-2010 19:49:07	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	44556	No
210	GOM_NL__2PRFIN20100907_195720_000000532092_00414_44556_2966.N1	07-SEP-2010 19:57:20	Dark	53.000	1	9Alp CMA	-1.4400	11000.	106	44556	No
211	GOM_NL__2PRFIN20100907_195954_000000472092_00414_44556_2967.N1	07-SEP-2010 19:59:54	Dark	46.500	23	21Eps CMA	1.5020	26000.	93	44556	No
212	GOM_NL__2PRFIN20100907_200154_000000442092_00414_44556_2968.N1	07-SEP-2010 20:01:54	Dark	44.000	177	1Zet CMA	3.0220	26000.	88	44556	No
213	GOM_NL__2PRFIN20100907_200503_000000482092_00414_44556_2969.N1	07-SEP-2010 20:05:03	Dark	47.500	108	Alp Col	2.6520	15200.	95	44556	No
214	GOM_NL__2PRFIN20100907_201654_000000402092_00415_44557_2989.N1	07-SEP-2010 20:16:54	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44557	No
215	GOM_NL__2PRFIN20100907_201816_000000432092_00415_44557_2990.N1	07-SEP-2010 20:18:16	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44557	No
216	GOM_NL__2PRFIN20100907_202409_000000502092_00415_44557_2991.N1	07-SEP-2010 20:24:09	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	44557	No
217	GOM_NL__2PRFIN20100907_202949_000000452092_00415_44557_2992.N1	07-SEP-2010 20:29:49	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	44557	No
218	GOM_NL__2PRFIN20100907_203852_000000392092_00415_44557_2993.N1	07-SEP-2010 20:38:52	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44557	No
219	GOM_NL__2PRFIN20100907_204406_000000432092_00415_44557_2994.N1	07-SEP-2010 20:44:06	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	44557	No

220	GOM_NL__2PRFIN20100907_204819_000000412092_00415_44557_2995.N1	07-SEP-2010 20:48:19	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	44557	No
221	GOM_NL__2PRFIN20100907_205843_000000452092_00415_44557_2996.N1	07-SEP-2010 20:58:43	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44557	No
222	GOM_NL__2PRFIN20100907_210043_000000432092_00415_44557_2997.N1	07-SEP-2010 21:00:43	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	44557	No
223	GOM_NL__2PRFIN20100907_212141_000000402092_00415_44557_2998.N1	07-SEP-2010 21:21:41	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	44557	No
224	GOM_NL__2PRFIN20100907_212557_000000552092_00415_44557_2999.N1	07-SEP-2010 21:25:57	Twilight	55.000	151	13Mu Gem	2.8900	3000.0	110	44557	No
225	GOM_NL__2PRFIN20100907_212750_000000572092_00415_44557_3000.N1	07-SEP-2010 21:27:50	Twilight	56.500	44	24Gam Gem	1.9280	11000.	113	44557	No
226	GOM_NL__2PRFIN20100907_212944_000000492092_00415_44557_3001.N1	07-SEP-2010 21:29:44	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	44557	No
227	GOM_NL__2PRFIN20100907_213756_000000522092_00415_44557_3002.N1	07-SEP-2010 21:37:56	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	44557	No
228	GOM_NL__2PRFIN20100907_214030_000000472092_00415_44557_3003.N1	07-SEP-2010 21:40:30	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	44557	No
229	GOM_NL__2PRFIN20100907_214230_000000442092_00415_44557_3004.N1	07-SEP-2010 21:42:30	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	44557	No
230	GOM_NL__2PRFIN20100907_214541_000000482092_00415_44557_3005.N1	07-SEP-2010 21:45:41	Dark	47.500	108	Alp Col	2.6520	15200.	95	44557	No
231	GOM_NL__2PRFIN20100907_215731_000000402092_00416_44558_3001.N1	07-SEP-2010 21:57:31	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44558	No
232	GOM_NL__2PRFIN20100907_215852_000000422092_00416_44558_3002.N1	07-SEP-2010 21:58:52	Dark	41.500	9	Alp Eri	0.45300	24000.	83	44558	No
233	GOM_NL__2PRFIN20100907_220445_000000532092_00416_44558_3003.N1	07-SEP-2010 22:04:45	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44558	No
234	GOM_NL__2PRFIN20100907_221026_000000472092_00416_44558_3004.N1	07-SEP-2010 22:10:26	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	44558	No
235	GOM_NL__2PRFIN20100907_221928_000000392092_00416_44558_3005.N1	07-SEP-2010 22:19:28	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44558	No
236	GOM_NL__2PRFIN20100907_222441_000000442092_00416_44558_3006.N1	07-SEP-2010 22:24:41	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	44558	No
237	GOM_NL__2PRFIN20100907_222855_000000402092_00416_44558_3007.N1	07-SEP-2010 22:28:55	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	44558	No
238	GOM_NL__2PRFIN20100907_223918_000000632092_00416_44558_3008.N1	07-SEP-2010 22:39:18	Bright	63.000	74	11Bet Cas	2.2680	6600.0	126	44558	No
239	GOM_NL__2PRFIN20100907_224119_000000442092_00416_44558_3009.N1	07-SEP-2010 22:41:19	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	44558	No
240	GOM_NL__2PRFIN20100907_230217_000000582092_00416_44558_3010.N1	07-SEP-2010 23:02:17	Bright	58.000	24	66Alp Gem	1.5800	10200.	116	44558	No
241	GOM_NL__2PRFIN20100907_230633_000000472092_00416_44558_3011.N1	07-SEP-2010 23:06:33	Twilight	47.000	151	13Mu Gem	2.8900	3000.0	94	44558	No
242	GOM_NL__2PRFIN20100907_230827_000000542092_00416_44558_3012.N1	07-SEP-2010 23:08:27	Twilight	53.500	44	24Gam Gem	1.9280	11000.	107	44558	No
243	GOM_NL__2PRFIN20100907_231020_000000562092_00416_44558_3013.N1	07-SEP-2010 23:10:20	Twilight	56.000	8	10Alp CMi	0.40000	6500.0	112	44558	No
244	GOM_NL__2PRFIN20100907_231833_000000582092_00416_44558_3014.N1	07-SEP-2010 23:18:33	Dark	57.500	1	9Alp CMa	-1.4400	11000.	115	44558	No
245	GOM_NL__2PRFIN20100907_232107_000000472092_00416_44558_3015.N1	07-SEP-2010 23:21:07	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	44558	No
246	GOM_NL__2PRFIN20100907_232617_000000472092_00416_44558_3016.N1	07-SEP-2010 23:26:17	Dark	47.000	108	Alp Col	2.6520	15200.	94	44558	No
247	GOM_NL__2PRFIN20100907_233807_000000402092_00417_44559_3033.N1	07-SEP-2010 23:38:07	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44559	No
248	GOM_NL__2PRFIN20100907_233928_000000472092_00417_44559_3034.N1	07-SEP-2010 23:39:28	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44559	No
249	GOM_NL__2PRFIN20100907_234522_000000542092_00417_44559_3035.N1	07-SEP-2010 23:45:22	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44559	No
250	GOM_NL__2PRFIN20100907_235102_000000482092_00417_44559_3036.N1	07-SEP-2010 23:51:02	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44559	No

3. Quality information per product

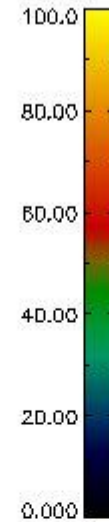
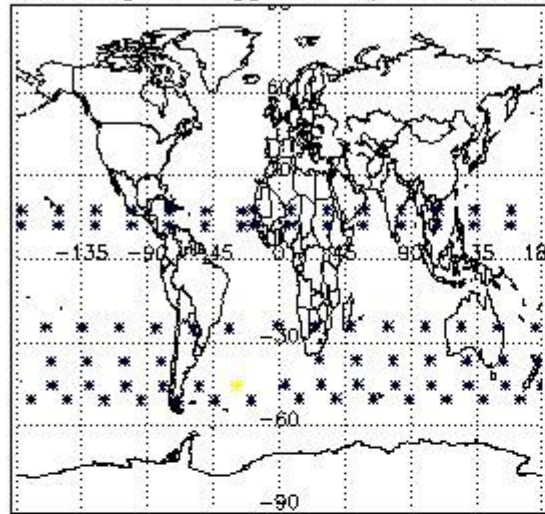
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

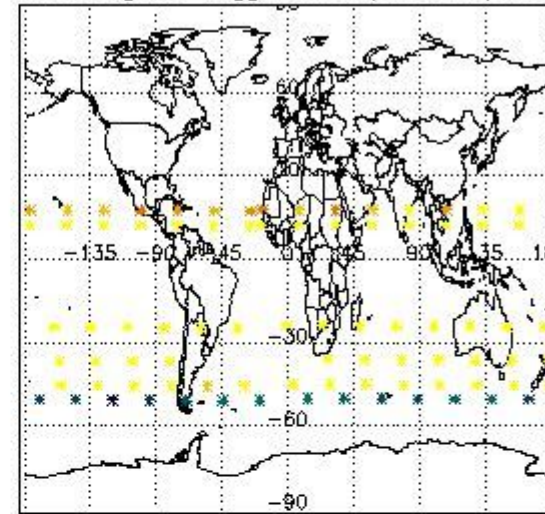


3.2 Plot quality information per product (world map)

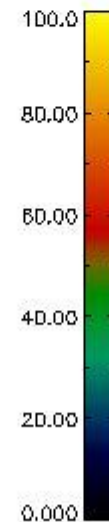
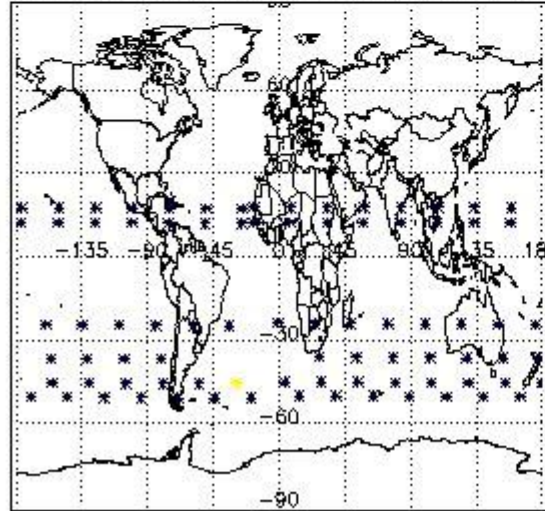
Percentage of flagged data per O3 profile



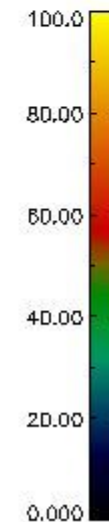
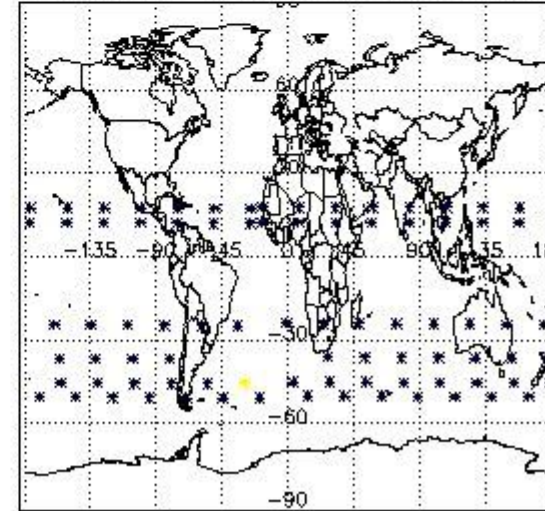
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

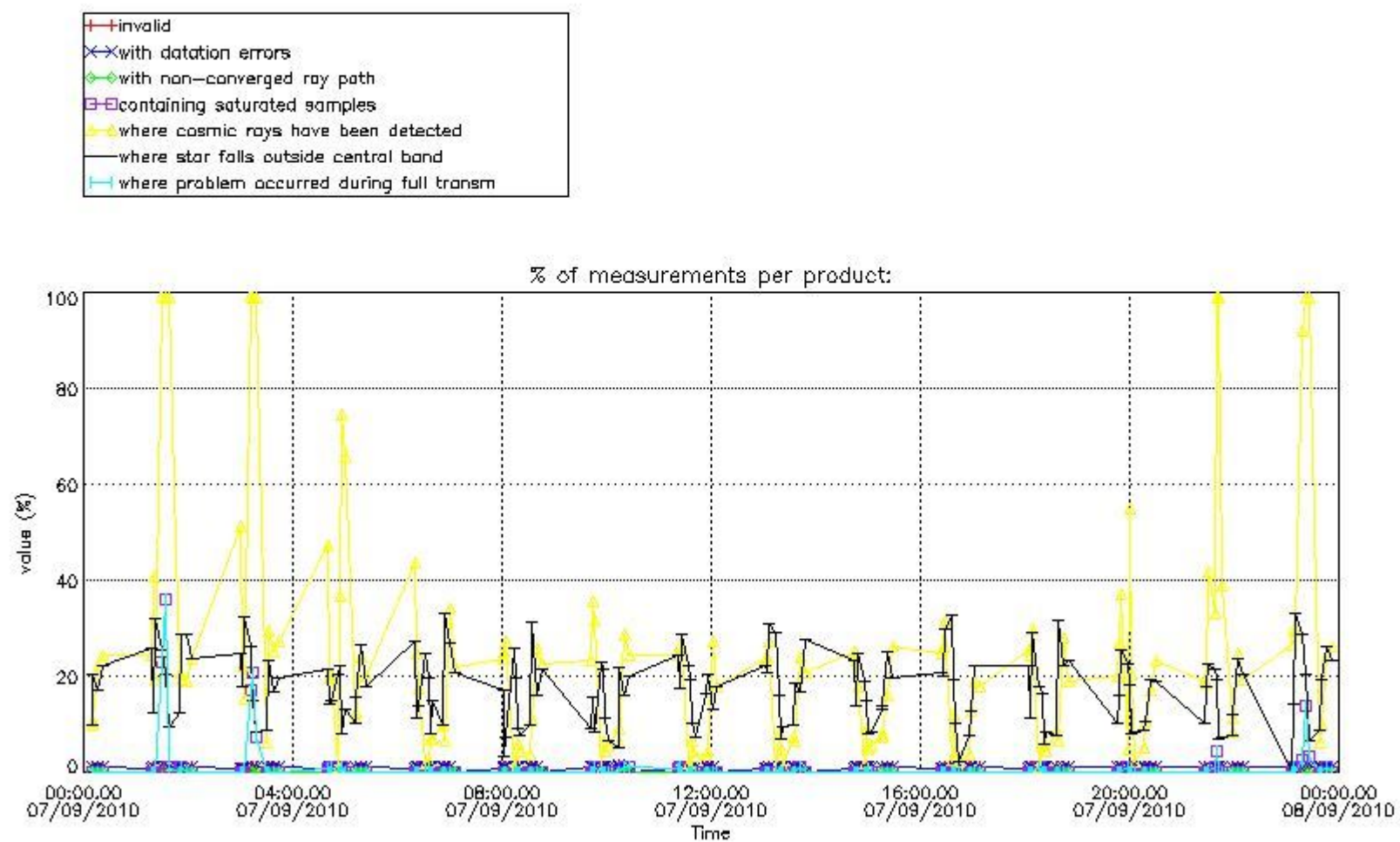


4. Level 1 quality information per product

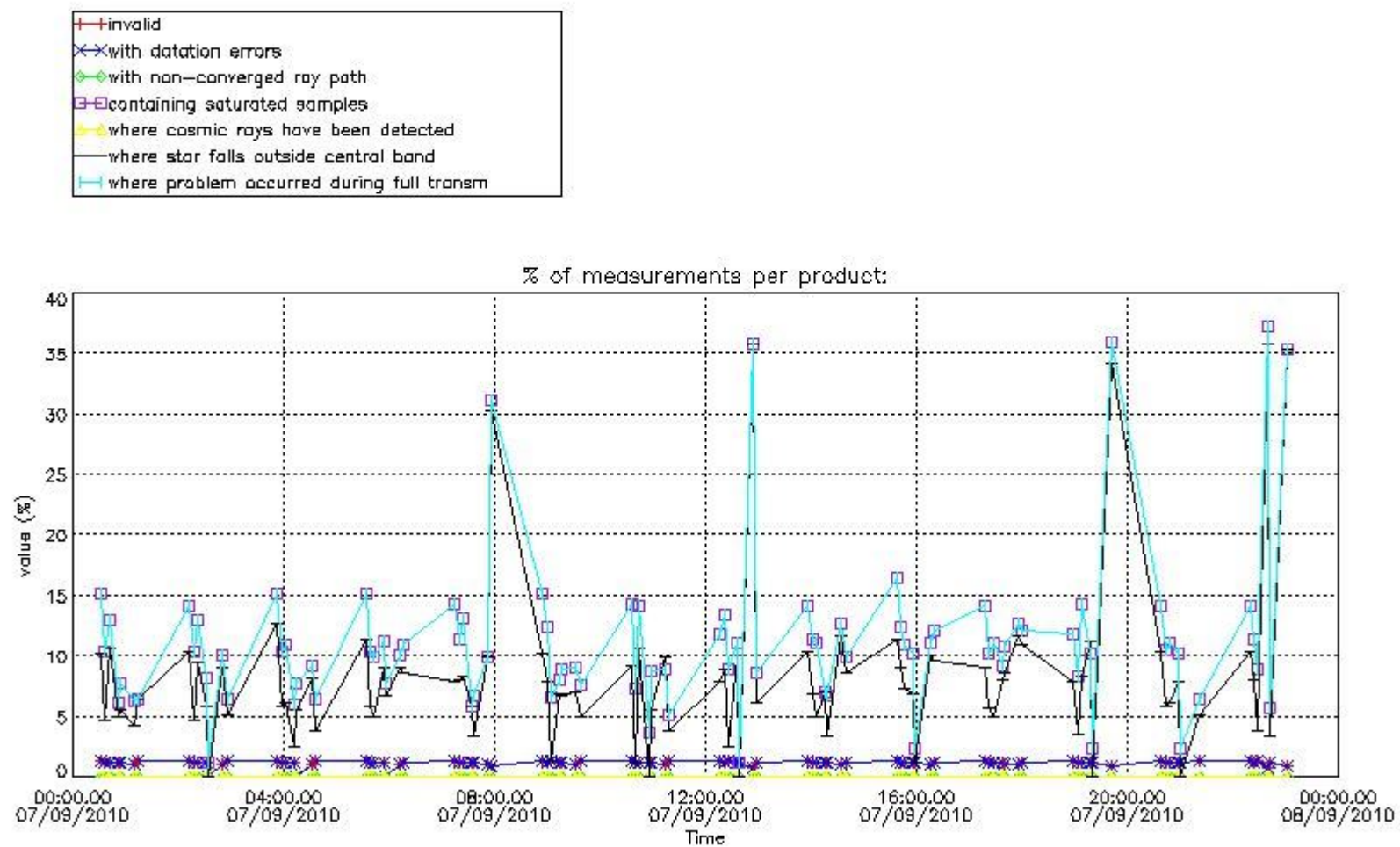
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



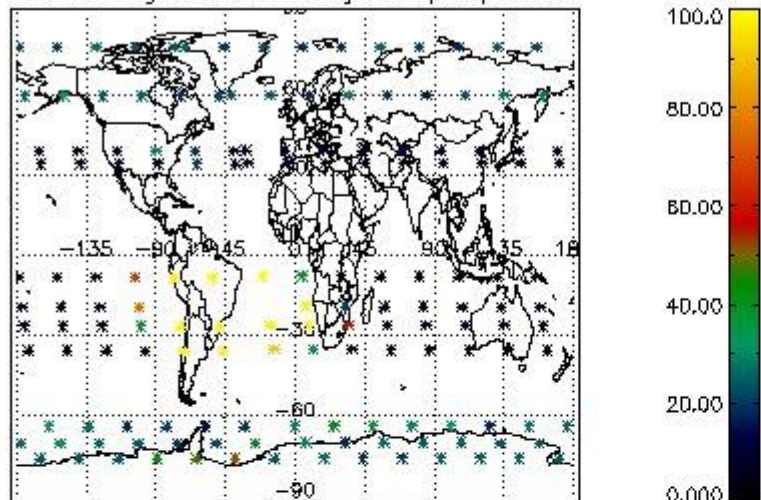
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



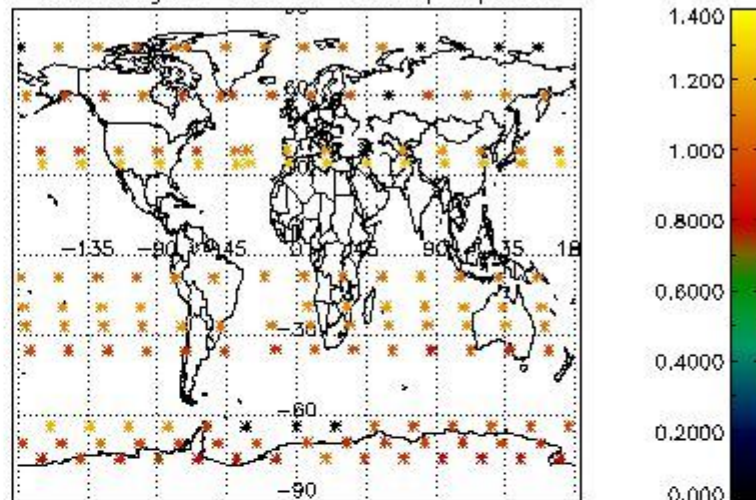
4.2 Plot quality information per product coming from level 1b processing (world map)

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

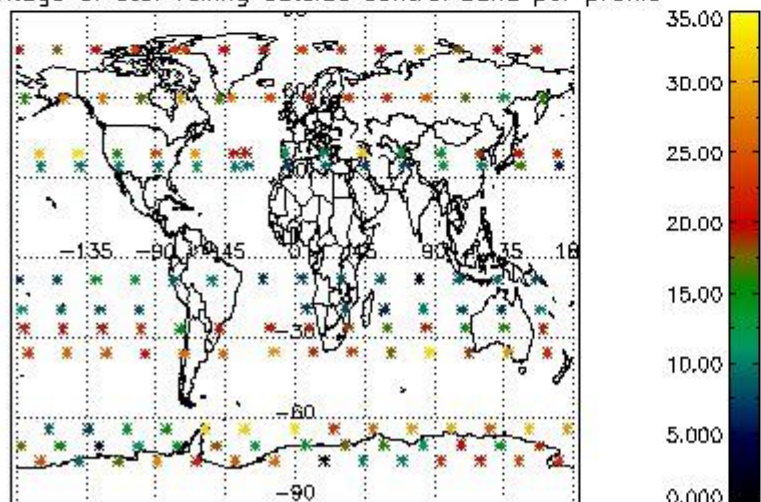
Percentage of cosmic ray hits per profile



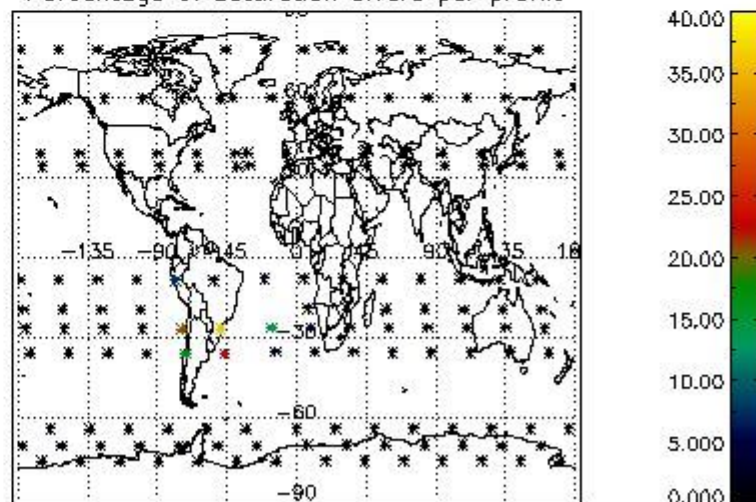
Percentage of datation errors per profile



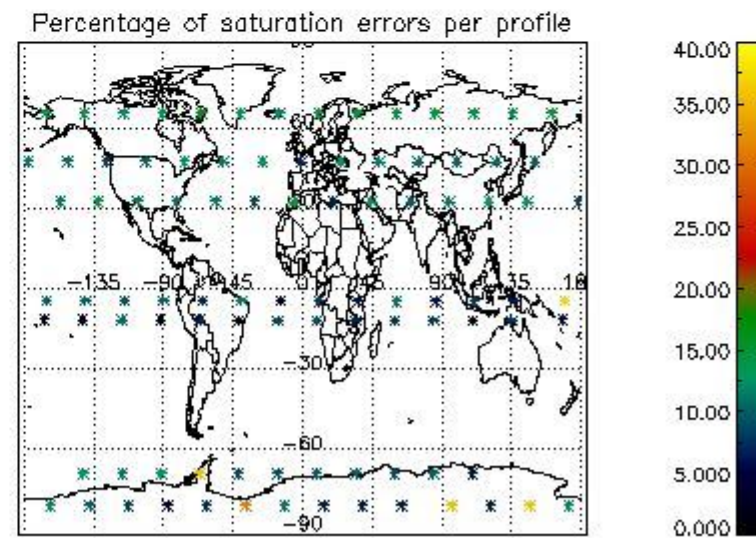
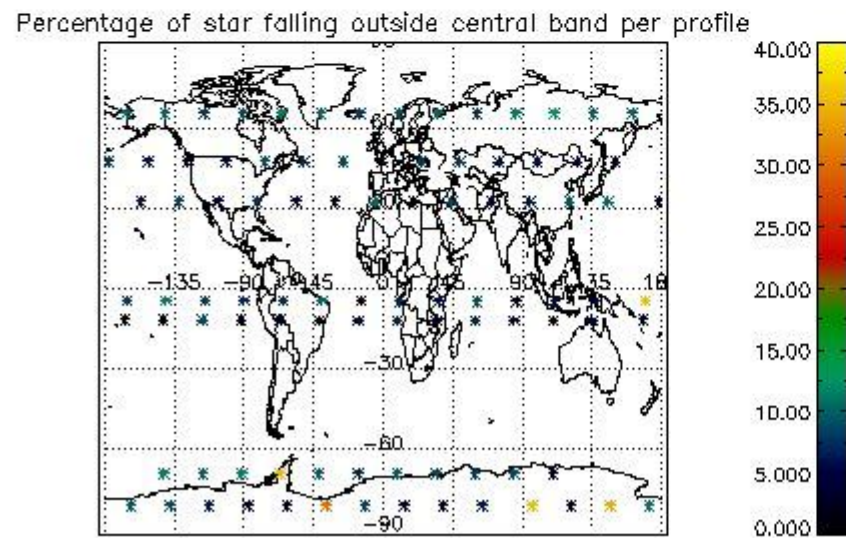
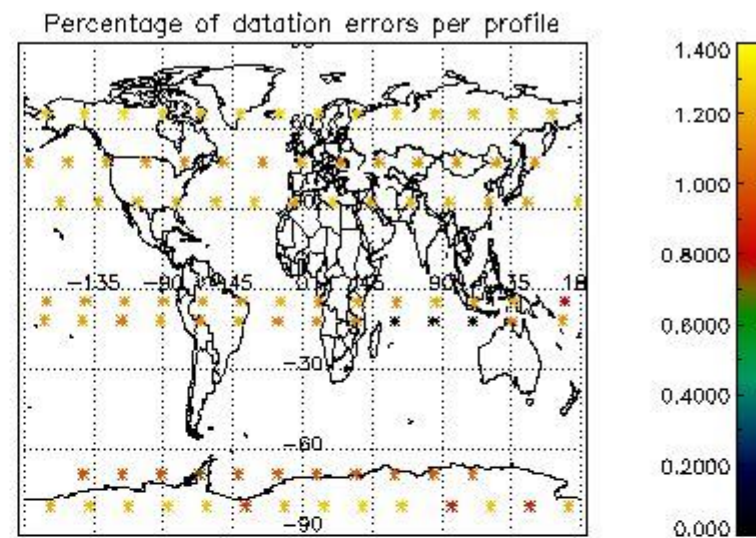
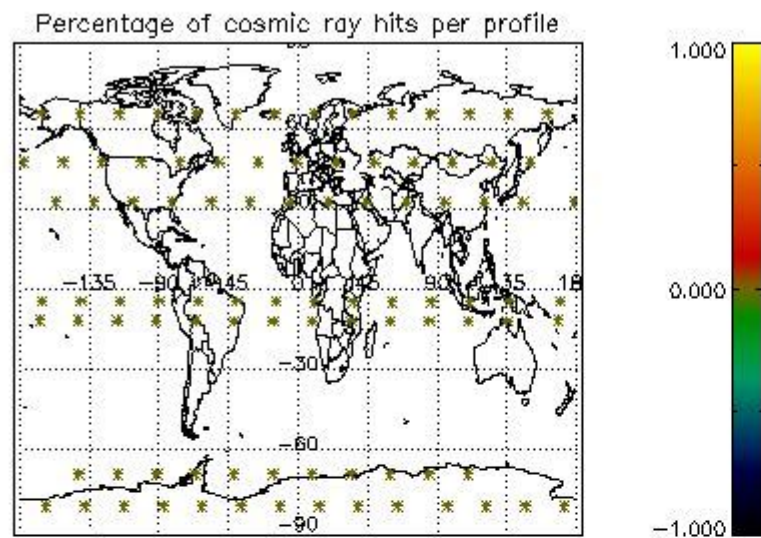
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

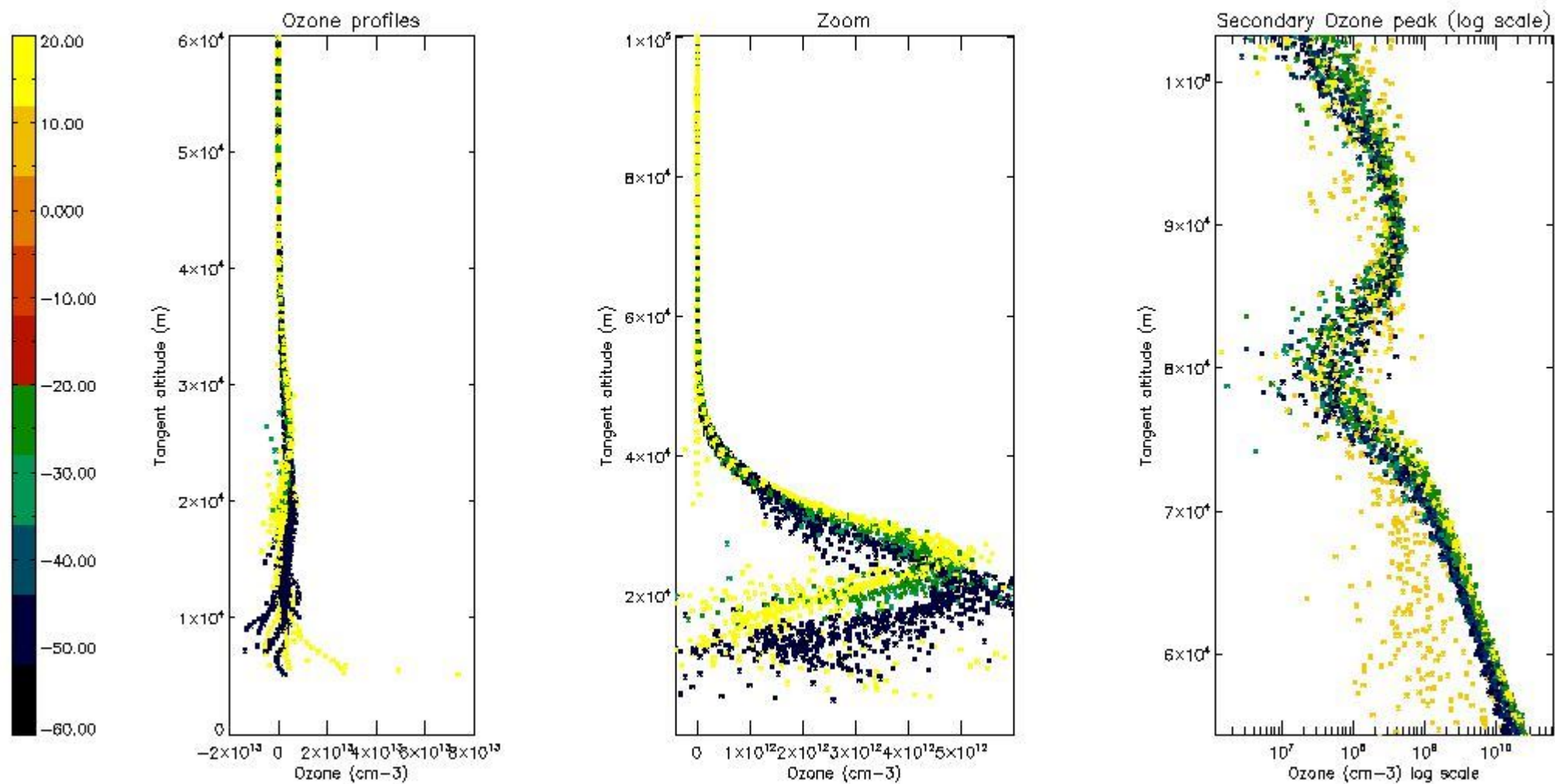
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	17
STD < 5	13

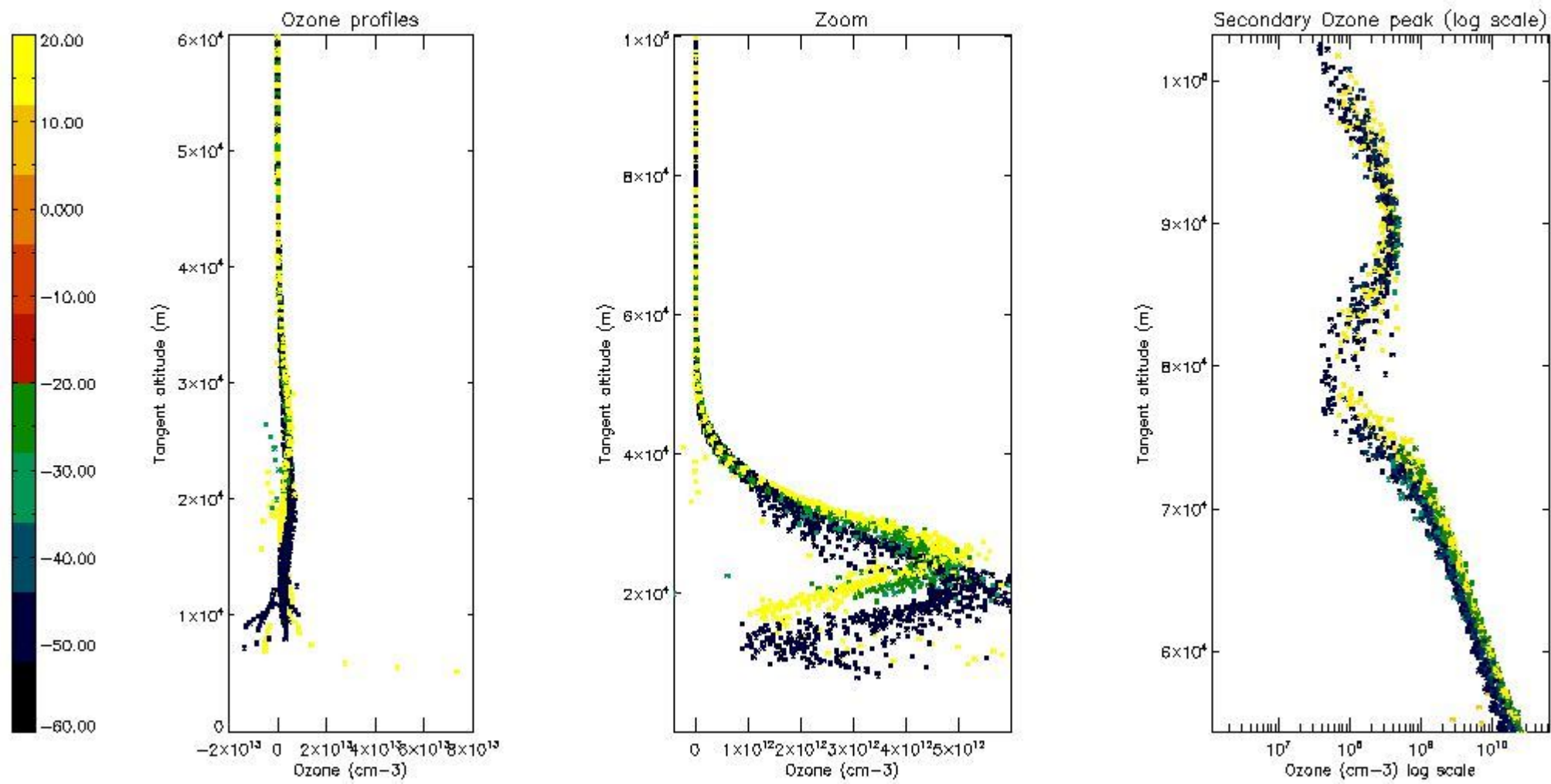
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



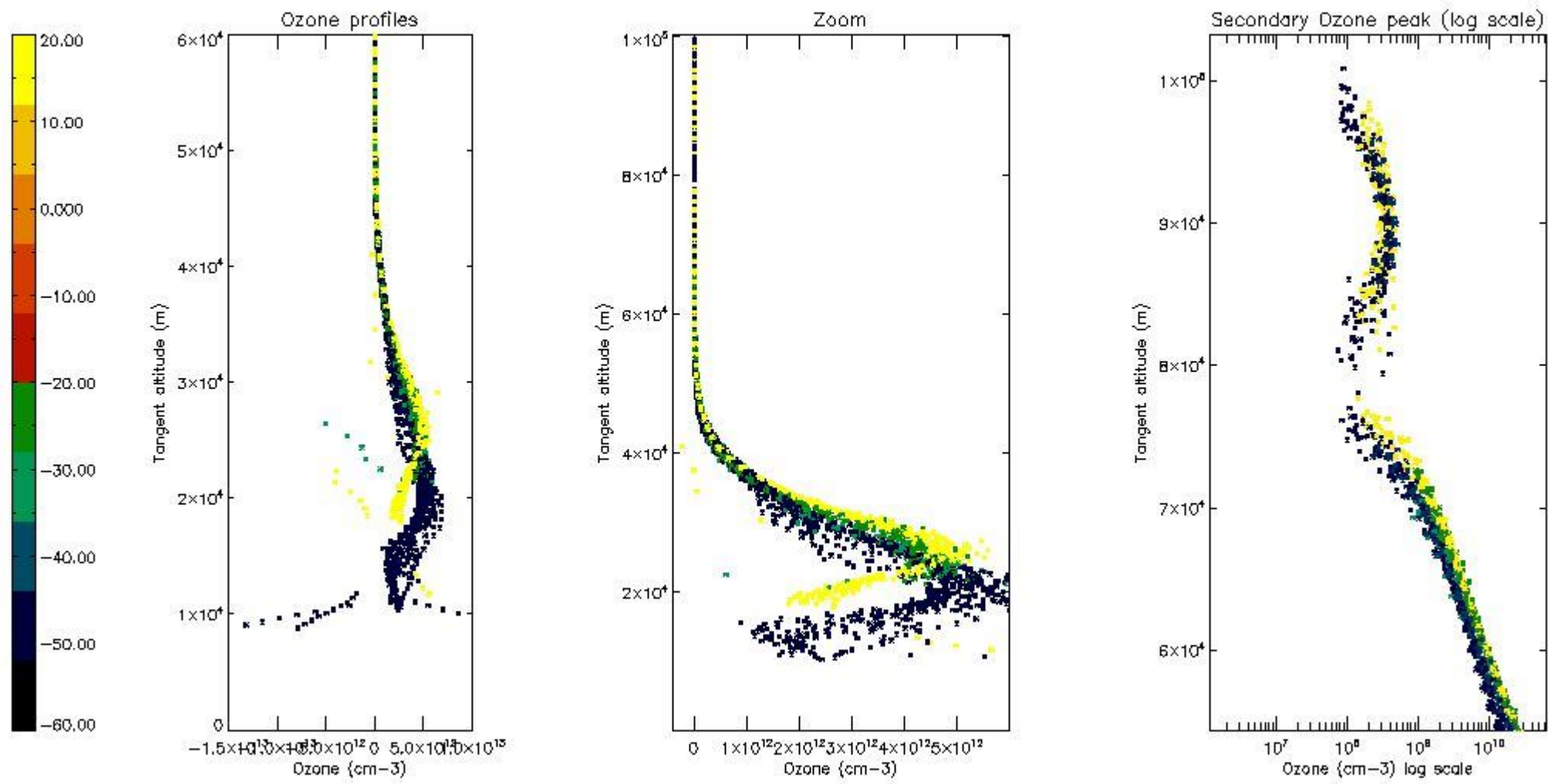
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



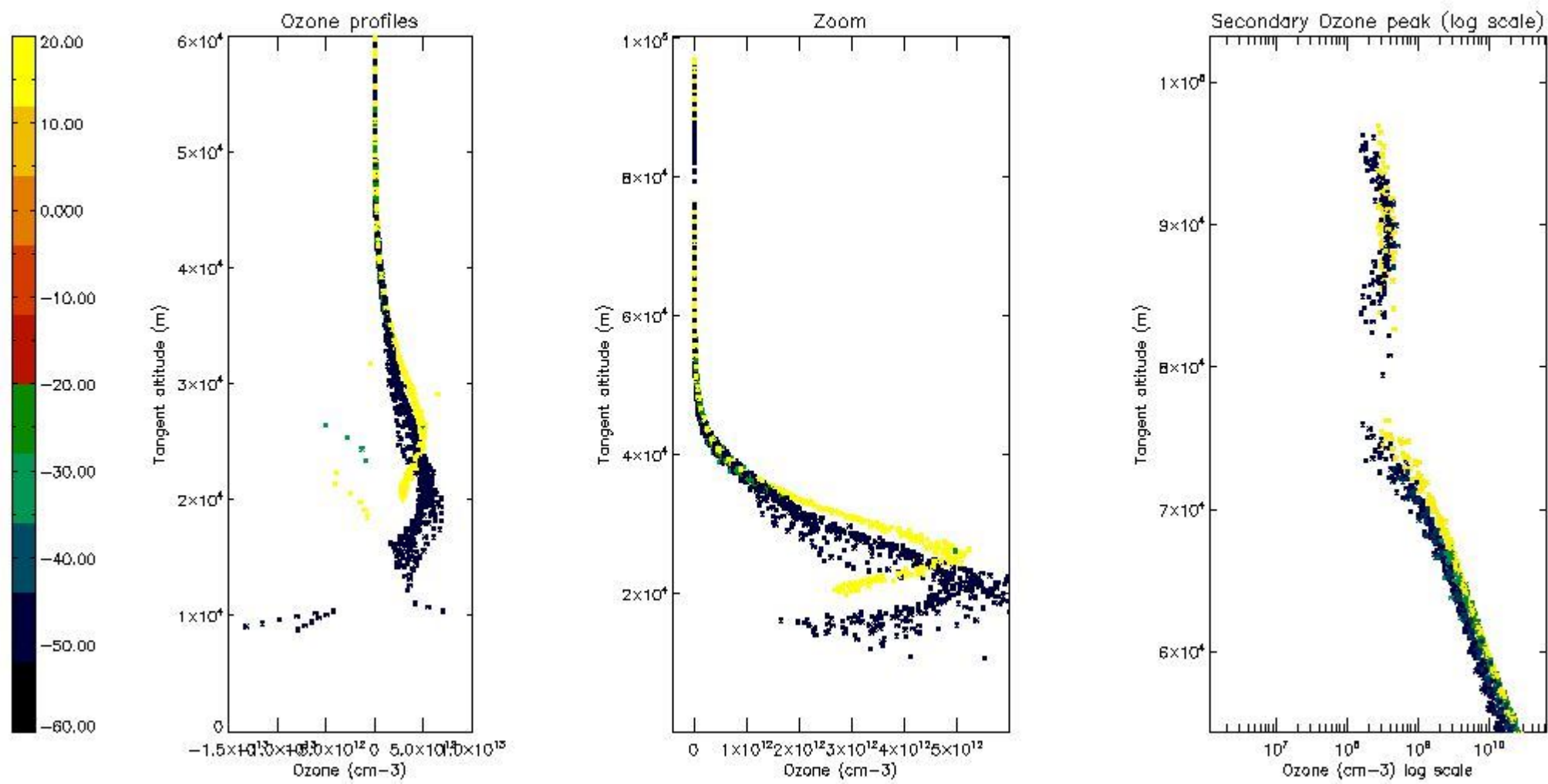
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



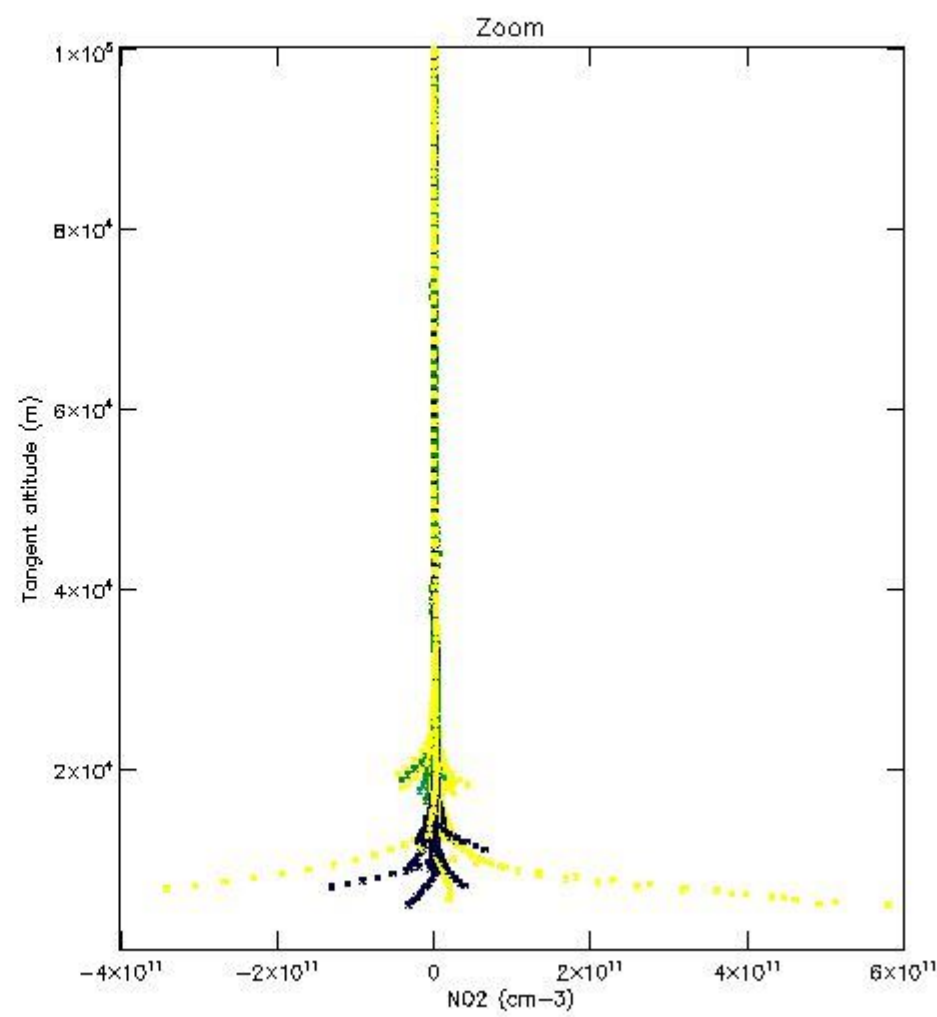
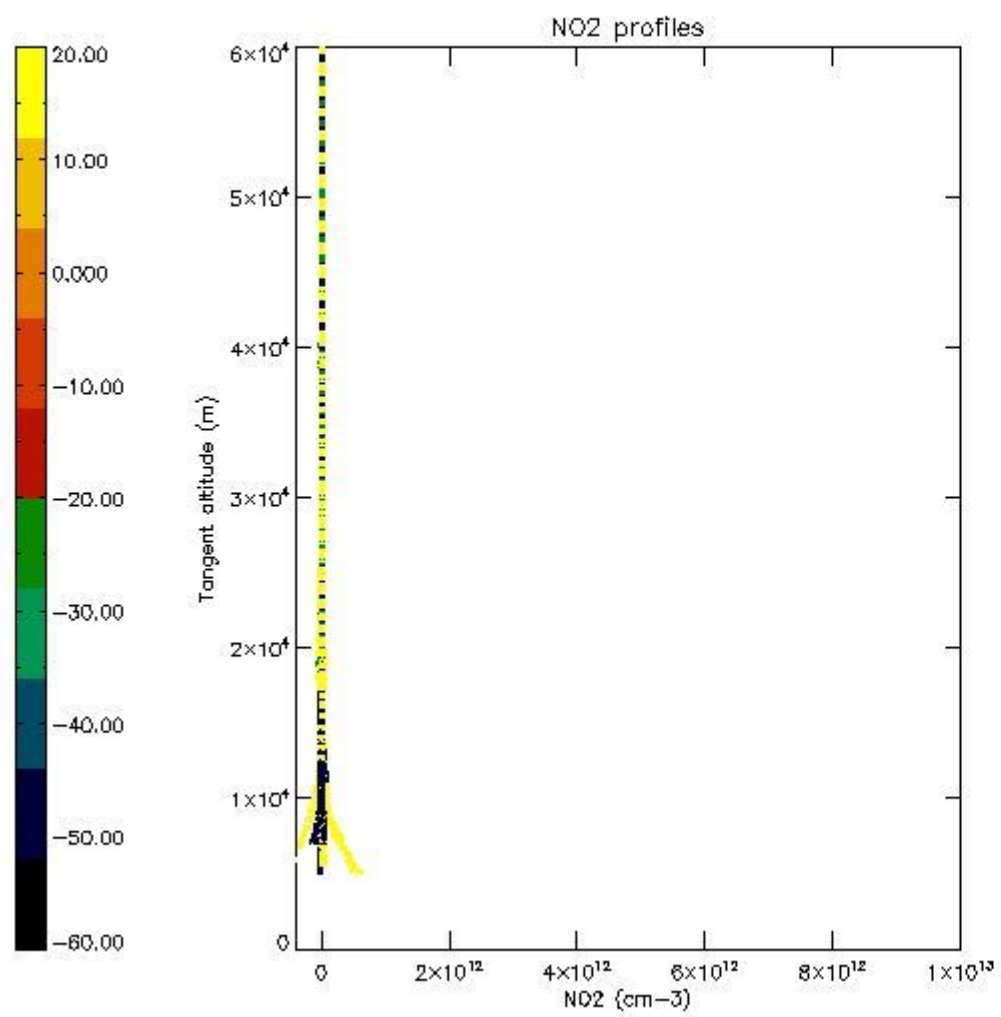
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



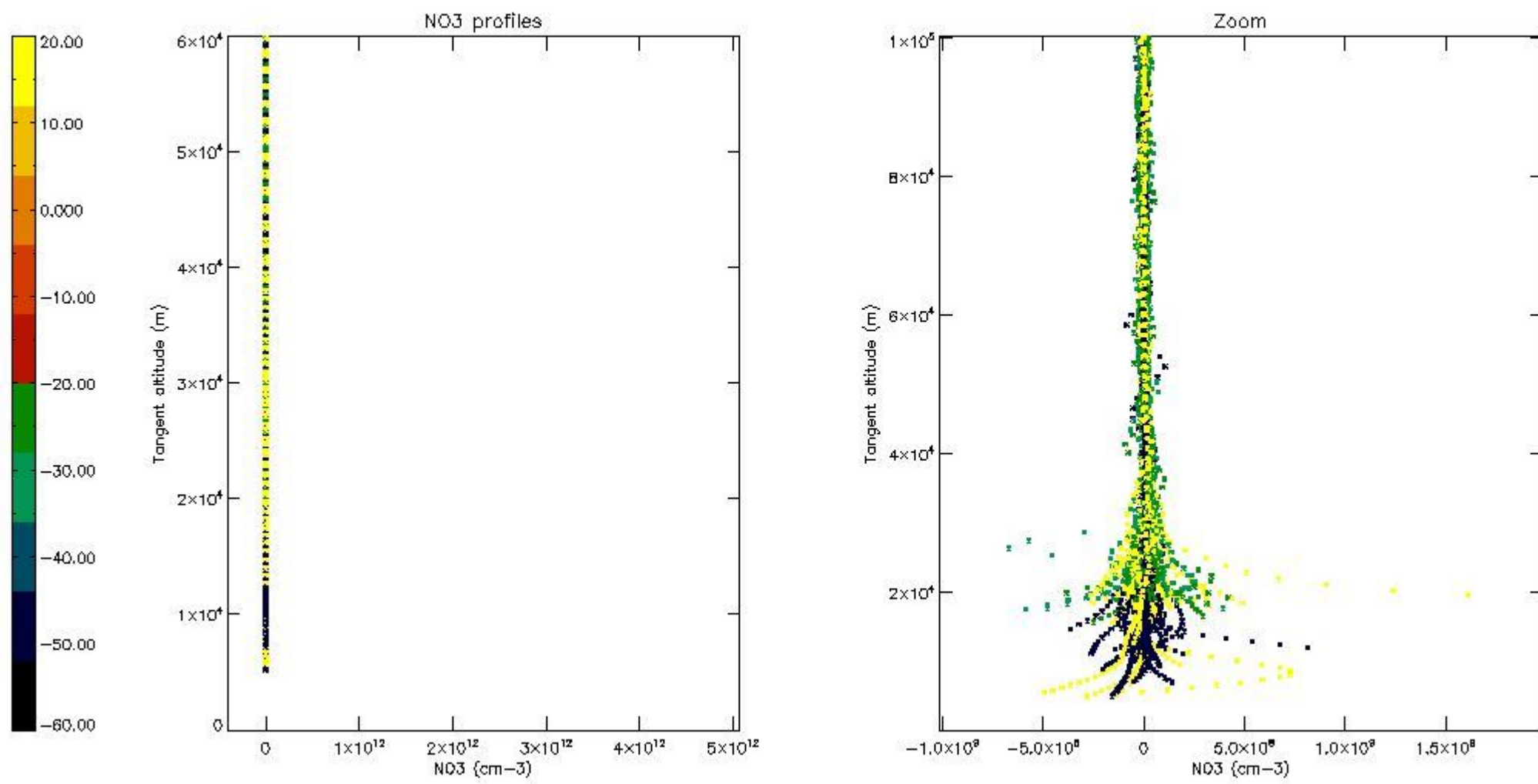
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



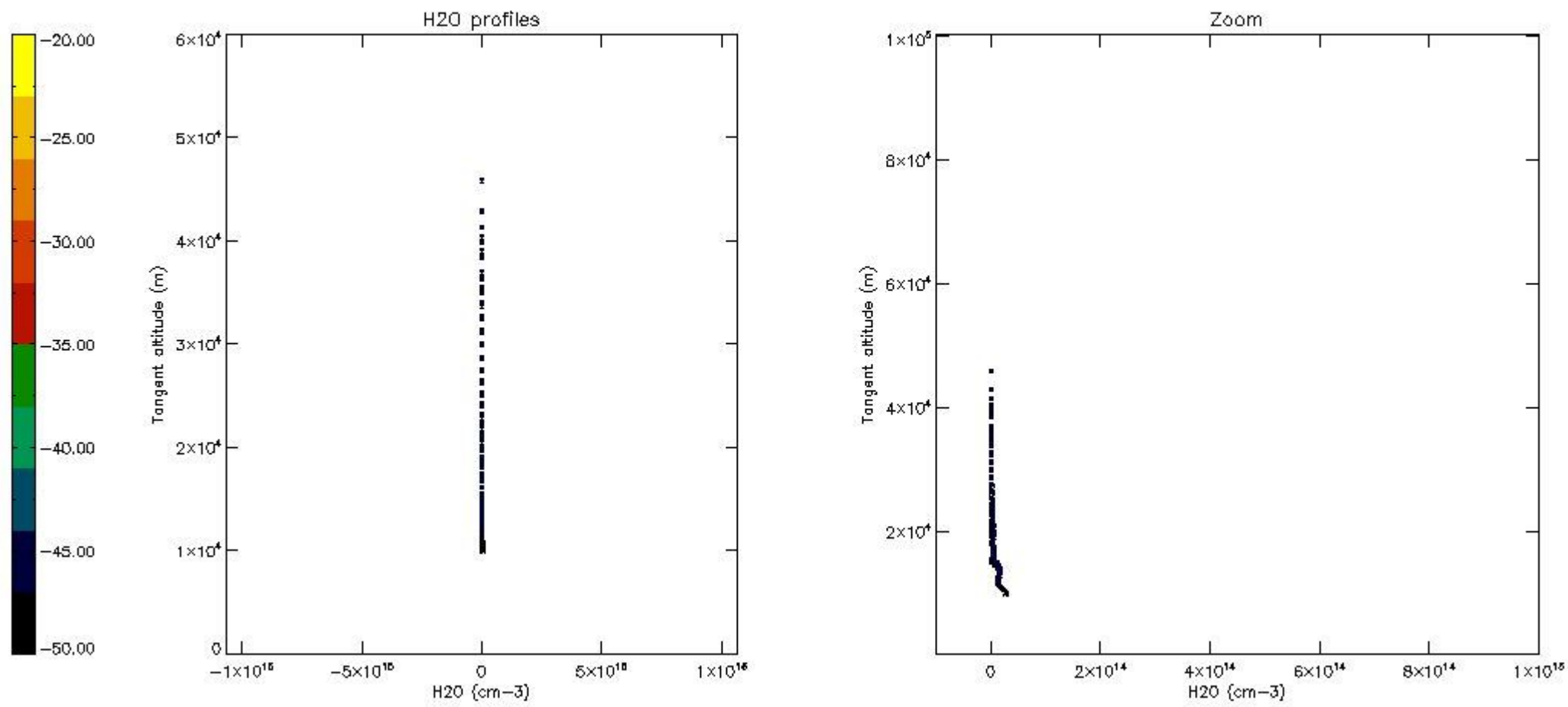
5.7 Plot NO3 profiles for all STD (dark without errors)

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	07-SEP-2010 00:09:36
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-SEP-2010 00:09:36
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-SEP-2010 00:09:36

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	29APR2013 15:05:22
Data source version	GOMOS/6.01
Start time of products	07-09-2010 (07SEP2010 00:00:00)
Stop time of products	08-09-2010 (08SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	250
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__2PRFIN20100907_000936_000000412092_00403_44545_2640.N1	07-SEP-2010 00:09:36	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44545	No
2	GOM_NL__2PRFIN20100907_001057_000000472092_00403_44545_2641.N1	07-SEP-2010 00:10:57	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44545	No
3	GOM_NL__2PRFIN20100907_001651_000000502092_00403_44545_2642.N1	07-SEP-2010 00:16:51	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	44545	No
4	GOM_NL__2PRFIN20100907_002235_000000482092_00403_44545_2643.N1	07-SEP-2010 00:22:35	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44545	No
5	GOM_NL__2PRFIN20100907_003140_000000402092_00403_44545_2644.N1	07-SEP-2010 00:31:40	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44545	No
6	GOM_NL__2PRFIN20100907_003658_000000442092_00403_44545_2645.N1	07-SEP-2010 00:36:58	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	44545	No
7	GOM_NL__2PRFIN20100907_004112_000000432092_00403_44545_2646.N1	07-SEP-2010 00:41:12	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44545	No
8	GOM_NL__2PRFIN20100907_005138_000000412092_00403_44545_2647.N1	07-SEP-2010 00:51:38	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	44545	No
9	GOM_NL__2PRFIN20100907_005340_000000462092_00403_44545_2648.N1	07-SEP-2010 00:53:40	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44545	No
10	GOM_NL__2PRFIN20100907_011000_000000482092_00403_44545_2649.N1	07-SEP-2010 01:10:00	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	44545	No
11	GOM_NL__2PRFIN20100907_011428_000000402092_00403_44545_2650.N1	07-SEP-2010 01:14:28	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	44545	No
12	GOM_NL__2PRFIN20100907_011841_000000662092_00403_44545_2651.N1	07-SEP-2010 01:18:41	Twilight	65.500	151	13Mu Gem	2.8900	3000.0	131	44545	No
13	GOM_NL__2PRFIN20100907_012033_000000532092_00403_44545_2652.N1	07-SEP-2010 01:20:33	Twilight	53.000	44	24Gam Gem	1.9280	11000.	106	44545	No
14	GOM_NL__2PRFIN20100907_012228_000000552092_00403_44545_2653.N1	07-SEP-2010 01:22:28	Twilight	54.500	8	10Alp CMi	0.40000	6500.0	109	44545	No
15	GOM_NL__2PRFIN20100907_013036_000000552092_00403_44545_2654.N1	07-SEP-2010 01:30:36	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	44545	No
16	GOM_NL__2PRFIN20100907_013311_000000472092_00403_44545_2655.N1	07-SEP-2010 01:33:11	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	44545	No
17	GOM_NL__2PRFIN20100907_013817_000000472092_00403_44545_2656.N1	07-SEP-2010 01:38:17	Dark	47.000	108	Alp Col	2.6520	15200.	94	44545	No
18	GOM_NL__2PRFIN20100907_015013_000000412092_00404_44546_2652.N1	07-SEP-2010 01:50:13	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44546	No
19	GOM_NL__2PRFIN20100907_015134_000000542092_00404_44546_2653.N1	07-SEP-2010 01:51:34	Dark	54.000	9	Alp Eri	0.45300	24000.	108	44546	No
20	GOM_NL__2PRFIN20100907_015728_000000562092_00404_44546_2654.N1	07-SEP-2010 01:57:28	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44546	No
21	GOM_NL__2PRFIN20100907_020312_000000492092_00404_44546_2655.N1	07-SEP-2010 02:03:12	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44546	No
22	GOM_NL__2PRFIN20100907_021216_000000392092_00404_44546_2656.N1	07-SEP-2010 02:12:16	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44546	No
23	GOM_NL__2PRFIN20100907_021734_000000442092_00404_44546_2657.N1	07-SEP-2010 02:17:34	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	44546	No
24	GOM_NL__2PRFIN20100907_022148_000000432092_00404_44546_2658.N1	07-SEP-2010 02:21:48	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44546	No
25	GOM_NL__2PRFIN20100907_023214_000000432092_00404_44546_2659.N1	07-SEP-2010 02:32:14	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	44546	No
26	GOM_NL__2PRFIN20100907_023415_000000412092_00404_44546_2660.N1	07-SEP-2010 02:34:15	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	44546	No
27	GOM_NL__2PRFIN20100907_025036_000000502092_00404_44546_2661.N1	07-SEP-2010 02:50:36	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	44546	No
28	GOM_NL__2PRFIN20100907_025505_000000392092_00404_44546_2662.N1	07-SEP-2010 02:55:05	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	44546	No
29	GOM_NL__2PRFIN20100907_025917_000000652092_00404_44546_2663.N1	07-SEP-2010 02:59:17	Twilight	64.500	151	13Mu Gem	2.8900	3000.0	129	44546	No
30	GOM_NL__2PRFIN20100907_030109_000000562092_00404_44546_2664.N1	07-SEP-2010 03:01:09	Twilight	56.000	44	24Gam Gem	1.9280	11000.	112	44546	No
31	GOM_NL__2PRFIN20100907_030304_000000562092_00404_44546_2665.N1	07-SEP-2010 03:03:04	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	44546	No
32	GOM_NL__2PRFIN20100907_031112_000000562092_00404_44546_2666.N1	07-SEP-2010 03:11:12	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	44546	No
33	GOM_NL__2PRFIN20100907_031348_000000442092_00404_44546_2667.N1	07-SEP-2010 03:13:48	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	44546	No
34	GOM_NL__2PRFIN20100907_031854_000000472092_00404_44546_2668.N1	07-SEP-2010 03:18:54	Dark	47.000	108	Alp Col	2.6520	15200.	94	44546	No
35	GOM_NL__2PRFIN20100907_033049_000000412092_00405_44547_2674.N1	07-SEP-2010 03:30:49	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44547	No
36	GOM_NL__2PRFIN20100907_033210_000000502092_00405_44547_2675.N1	07-SEP-2010 03:32:10	Dark	49.500	9	Alp Eri	0.45300	24000.	99	44547	No
37	GOM_NL__2PRFIN20100907_033805_000000482092_00405_44547_2676.N1	07-SEP-2010 03:38:05	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	44547	No
38	GOM_NL__2PRFIN20100907_034347_000000462092_00405_44547_2677.N1	07-SEP-2010 03:43:47	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	44547	No
39	GOM_NL__2PRFIN20100907_035253_000000402092_00405_44547_2678.N1	07-SEP-2010 03:52:53	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44547	No
40	GOM_NL__2PRFIN20100907_035810_000000442092_00405_44547_2679.N1	07-SEP-2010 03:58:10	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	44547	No
41	GOM_NL__2PRFIN20100907_040223_000000412092_00405_44547_2680.N1	07-SEP-2010 04:02:23	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	44547	No
42	GOM_NL__2PRFIN20100907_041249_000000422092_00405_44547_2681.N1	07-SEP-2010 04:12:49	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44547	No

43	GOM_NL__2PRFIN20100907_041450_000000452092_00405_44547_2682.N1	07-SEP-2010 04:14:50	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44547	No
44	GOM_NL__2PRFIN20100907_043112_000000492092_00405_44547_2683.N1	07-SEP-2010 04:31:12	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	44547	No
45	GOM_NL__2PRFIN20100907_043541_000000392092_00405_44547_2684.N1	07-SEP-2010 04:35:41	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	44547	No
46	GOM_NL__2PRFIN20100907_043954_000000632092_00405_44547_2685.N1	07-SEP-2010 04:39:54	Twi_and_stray	62.500	151	13Mu Gem	2.8900	3000.0	125	44547	No
47	GOM_NL__2PRFIN20100907_044146_000000542092_00405_44547_2686.N1	07-SEP-2010 04:41:46	Twi_and_stray	53.500	44	24Gam Gem	1.9280	11000.	107	44547	No
48	GOM_NL__2PRFIN20100907_044340_000000442092_00405_44547_2687.N1	07-SEP-2010 04:43:40	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	44547	No
49	GOM_NL__2PRFIN20100907_045149_000000522092_00405_44547_2688.N1	07-SEP-2010 04:51:49	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	44547	No
50	GOM_NL__2PRFIN20100907_045425_000000482092_00405_44547_2689.N1	07-SEP-2010 04:54:25	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	44547	No
51	GOM_NL__2PRFIN20100907_045623_000000442092_00405_44547_2690.N1	07-SEP-2010 04:56:23	Dark	43.500	177	1Zet CMa	3.0220	26000.	87	44547	No
52	GOM_NL__2PRFIN20100907_045931_000000502092_00405_44547_2691.N1	07-SEP-2010 04:59:31	Dark	49.500	108	Alp Col	2.6520	15200.	99	44547	No
53	GOM_NL__2PRFIN20100907_051126_000000402092_00406_44548_2685.N1	07-SEP-2010 05:11:26	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44548	No
54	GOM_NL__2PRFIN20100907_051247_000000452092_00406_44548_2686.N1	07-SEP-2010 05:12:47	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44548	No
55	GOM_NL__2PRFIN20100907_051841_000000552092_00406_44548_2687.N1	07-SEP-2010 05:18:41	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44548	No
56	GOM_NL__2PRFIN20100907_052424_000000452092_00406_44548_2688.N1	07-SEP-2010 05:24:24	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	44548	No
57	GOM_NL__2PRFIN20100907_053328_000000402092_00406_44548_2689.N1	07-SEP-2010 05:33:28	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44548	No
58	GOM_NL__2PRFIN20100907_053845_000000442092_00406_44548_2690.N1	07-SEP-2010 05:38:45	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	44548	No
59	GOM_NL__2PRFIN20100907_054259_000000412092_00406_44548_2691.N1	07-SEP-2010 05:42:59	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	44548	No
60	GOM_NL__2PRFIN20100907_055325_000000452092_00406_44548_2692.N1	07-SEP-2010 05:53:25	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44548	No
61	GOM_NL__2PRFIN20100907_055526_000000452092_00406_44548_2693.N1	07-SEP-2010 05:55:26	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44548	No
62	GOM_NL__2PRFIN20100907_061148_000000502092_00406_44548_2694.N1	07-SEP-2010 06:11:48	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	44548	No
63	GOM_NL__2PRFIN20100907_061617_000000412092_00406_44548_2695.N1	07-SEP-2010 06:16:17	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	44548	No
64	GOM_NL__2PRFIN20100907_062030_000000682092_00406_44548_2696.N1	07-SEP-2010 06:20:30	Twi_and_stray	67.500	151	13Mu Gem	2.8900	3000.0	135	44548	No
65	GOM_NL__2PRFIN20100907_062222_000000532092_00406_44548_2697.N1	07-SEP-2010 06:22:22	Twi_and_stray	52.500	44	24Gam Gem	1.9280	11000.	105	44548	No
66	GOM_NL__2PRFIN20100907_062417_000000432092_00406_44548_2698.N1	07-SEP-2010 06:24:17	Twilight	43.000	8	10Alp CMi	0.40000	6500.0	86	44548	No
67	GOM_NL__2PRFIN20100907_063226_000000552092_00406_44548_2699.N1	07-SEP-2010 06:32:26	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	44548	No
68	GOM_NL__2PRFIN20100907_063501_000000462092_00406_44548_2700.N1	07-SEP-2010 06:35:01	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	44548	No
69	GOM_NL__2PRFIN20100907_063700_000000442092_00406_44548_2701.N1	07-SEP-2010 06:37:00	Dark	43.500	177	1Zet CMa	3.0220	26000.	87	44548	No
70	GOM_NL__2PRFIN20100907_064008_000000512092_00406_44548_2702.N1	07-SEP-2010 06:40:08	Dark	50.500	108	Alp Col	2.6520	15200.	101	44548	No
71	GOM_NL__2PRFIN20100907_065202_000000412092_00407_44549_2695.N1	07-SEP-2010 06:52:02	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44549	No
72	GOM_NL__2PRFIN20100907_065324_000000552092_00407_44549_2696.N1	07-SEP-2010 06:53:24	Dark	54.500	9	Alp Eri	0.45300	24000.	109	44549	No
73	GOM_NL__2PRFIN20100907_065918_000000542092_00407_44549_2697.N1	07-SEP-2010 06:59:18	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	44549	No
74	GOM_NL__2PRFIN20100907_070500_000000462092_00407_44549_2698.N1	07-SEP-2010 07:05:00	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	44549	No
75	GOM_NL__2PRFIN20100907_071405_000000392092_00407_44549_2699.N1	07-SEP-2010 07:14:05	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	44549	No
76	GOM_NL__2PRFIN20100907_071921_000000442092_00407_44549_2700.N1	07-SEP-2010 07:19:21	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	44549	No
77	GOM_NL__2PRFIN20100907_072334_000000422092_00407_44549_2701.N1	07-SEP-2010 07:23:34	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	44549	No
78	GOM_NL__2PRFIN20100907_073400_000000432092_00407_44549_2702.N1	07-SEP-2010 07:34:00	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44549	No
79	GOM_NL__2PRFIN20100907_073601_000000452092_00407_44549_2703.N1	07-SEP-2010 07:36:01	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	44549	No
80	GOM_NL__2PRFIN20100907_075224_000000512092_00407_44549_2704.N1	07-SEP-2010 07:52:24	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	44549	No
81	GOM_NL__2PRFIN20100907_075653_000000532092_00407_44549_2705.N1	07-SEP-2010 07:56:53	Bright	53.000	24	66Alp Gem	1.5800	10200.	106	44549	No
82	GOM_NL__2PRFIN20100907_080107_000000592092_00407_44549_2706.N1	07-SEP-2010 08:01:07	Twi_and_stray	59.000	151	13Mu Gem	2.8900	3000.0	118	44549	No
83	GOM_NL__2PRFIN20100907_080259_000000482092_00407_44549_2707.N1	07-SEP-2010 08:02:59	Twi_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	44549	No
84	GOM_NL__2PRFIN20100907_080453_000000412092_00407_44549_2708.N1	07-SEP-2010 08:04:53	Twilight	40.500	8	10Alp CMi	0.40000	6500.0	81	44549	No
85	GOM_NL__2PRFIN20100907_081303_000000552092_00407_44549_2709.N1	07-SEP-2010 08:13:03	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	44549	No
86	GOM_NL__2PRFIN20100907_081538_000000462092_00407_44549_2710.N1	07-SEP-2010 08:15:38	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	44549	No
87	GOM_NL__2PRFIN20100907_081736_000000442092_00407_44549_2711.N1	07-SEP-2010 08:17:36	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	44549	No
88	GOM_NL__2PRFIN20100907_082045_000000472092_00407_44549_2712.N1	07-SEP-2010 08:20:45	Dark	46.500	108	Alp Col	2.6520	15200.	93	44549	No
89	GOM_NL__2PRFIN20100907_083239_000000412092_00408_44550_2723.N1	07-SEP-2010 08:32:39	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44550	No
90	GOM_NL__2PRFIN20100907_083400_000000552092_00408_44550_2724.N1	07-SEP-2010 08:34:00	Dark	54.500	9	Alp Eri	0.45300	24000.	109	44550	No
91	GOM_NL__2PRFIN20100907_083954_000000472092_00408_44550_2725.N1	07-SEP-2010 08:39:54	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	44550	No
92	GOM_NL__2PRFIN20100907_084536_000000472092_00408_44550_2726.N1	07-SEP-2010 08:45:36	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	44550	No
93	GOM_NL__2PRFIN20100907_085440_000000402092_00408_44550_2727.N1	07-SEP-2010 08:54:40	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44550	No
94	GOM_NL__2PRFIN20100907_085956_000000452092_00408_44550_2728.N1	07-SEP-2010 08:59:56	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	44550	No
95	GOM_NL__2PRFIN20100907_090410_000000392092_00408_44550_2729.N1	07-SEP-2010 09:04:10	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	44550	No
96	GOM_NL__2PRFIN20100907_091436_000000442092_00408_44550_2730.N1	07-SEP-2010 09:14:36	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44550	No
97	GOM_NL__2PRFIN20100907_091637_000000452092_00408_44550_2731.N1	07-SEP-2010 09:16:37	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44550	No
98	GOM_NL__2PRFIN20100907_093259_000000502092_00408_44550_2732.N1	07-SEP-2010 09:32:59	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	44550	No
99	GOM_NL__2PRFIN20100907_093729_000000402092_00408_44550_2733.N1	07-SEP-2010 09:37:29	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	44550	No
100	GOM_NL__2PRFIN20100907_094143_000000542092_00408_44550_2734.N1	07-SEP-2010 09:41:43	Twi_and_stray	54.000	151	13Mu Gem	2.8900	3000.0	108	44550	No
101	GOM_NL__2PRFIN20100907_094335_000000552092_00408_44550_2735.N1	07-SEP-2010 09:43:35	Twi_and_stray	55.000	44	24Gam Gem	1.9280	11000.	110	44550	No

102	GOM_NL__2PRFIN20100907_094530_000000412092_00408_44550_2736.N1	07-SEP-2010 09:45:30	Twilight	41.000	8	10Alp CMI	0.40000	6500.0	82	44550	No
103	GOM_NL__2PRFIN20100907_095339_000000532092_00408_44550_2737.N1	07-SEP-2010 09:53:39	Dark	52.500	1	9Alp CMA	-1.4400	11000.	105	44550	No
104	GOM_NL__2PRFIN20100907_095614_000000472092_00408_44550_2738.N1	07-SEP-2010 09:56:14	Dark	47.000	23	21Eps CMA	1.5020	26000.	94	44550	No
105	GOM_NL__2PRFIN20100907_095813_000000452092_00408_44550_2739.N1	07-SEP-2010 09:58:13	Dark	45.000	177	1Zet CMA	3.0220	26000.	90	44550	No
106	GOM_NL__2PRFIN20100907_100122_000000472092_00408_44550_2740.N1	07-SEP-2010 10:01:22	Dark	47.000	108	Alp Col	2.6520	15200.	94	44550	No
107	GOM_NL__2PRFIN20100907_101315_000000392092_00409_44551_2782.N1	07-SEP-2010 10:13:15	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	44551	No
108	GOM_NL__2PRFIN20100907_101436_000000482092_00409_44551_2783.N1	07-SEP-2010 10:14:36	Dark	48.000	9	Alp Eri	0.45300	24000.	96	44551	No
109	GOM_NL__2PRFIN20100907_102031_000000472092_00409_44551_2784.N1	07-SEP-2010 10:20:31	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	44551	No
110	GOM_NL__2PRFIN20100907_102613_000000452092_00409_44551_2785.N1	07-SEP-2010 10:26:13	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	44551	No
111	GOM_NL__2PRFIN20100907_103516_000000392092_00409_44551_2786.N1	07-SEP-2010 10:35:16	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	44551	No
112	GOM_NL__2PRFIN20100907_104032_000000422092_00409_44551_2787.N1	07-SEP-2010 10:40:32	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	44551	No
113	GOM_NL__2PRFIN20100907_104445_000000432092_00409_44551_2788.N1	07-SEP-2010 10:44:45	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44551	No
114	GOM_NL__2PRFIN20100907_105511_000000412092_00409_44551_2789.N1	07-SEP-2010 10:55:11	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	44551	No
115	GOM_NL__2PRFIN20100907_105712_000000462092_00409_44551_2790.N1	07-SEP-2010 10:57:12	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44551	No
116	GOM_NL__2PRFIN20100907_111335_000000512092_00409_44551_2791.N1	07-SEP-2010 11:13:35	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	44551	No
117	GOM_NL__2PRFIN20100907_111805_000000402092_00409_44551_2792.N1	07-SEP-2010 11:18:05	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	44551	No
118	GOM_NL__2PRFIN20100907_112219_000000642092_00409_44551_2793.N1	07-SEP-2010 11:22:19	Twi_and_stray	64.000	151	13Mu Gem	2.8900	3000.0	128	44551	No
119	GOM_NL__2PRFIN20100907_112412_000000552092_00409_44551_2794.N1	07-SEP-2010 11:24:12	Twi_and_stray	55.000	44	24Gam Gem	1.9280	11000.	110	44551	No
120	GOM_NL__2PRFIN20100907_112606_000000532092_00409_44551_2795.N1	07-SEP-2010 11:26:06	Twilight	52.500	8	10Alp CMI	0.40000	6500.0	105	44551	No
121	GOM_NL__2PRFIN20100907_113416_000000522092_00409_44551_2796.N1	07-SEP-2010 11:34:16	Dark	52.000	1	9Alp CMA	-1.4400	11000.	104	44551	No
122	GOM_NL__2PRFIN20100907_113651_000000472092_00409_44551_2797.N1	07-SEP-2010 11:36:51	Dark	46.500	23	21Eps CMA	1.5020	26000.	93	44551	No
123	GOM_NL__2PRFIN20100907_113850_000000452092_00409_44551_2798.N1	07-SEP-2010 11:38:50	Dark	45.000	177	1Zet CMA	3.0220	26000.	90	44551	No
124	GOM_NL__2PRFIN20100907_114158_000000472092_00409_44551_2799.N1	07-SEP-2010 11:41:58	Dark	47.000	108	Alp Col	2.6520	15200.	94	44551	No
125	GOM_NL__2PRFIN20100907_115352_000000432092_00410_44552_2808.N1	07-SEP-2010 11:53:52	Dark	42.500	143	Alp Hyi	2.8570	7200.0	85	44552	No
126	GOM_NL__2PRFIN20100907_115513_000000472092_00410_44552_2809.N1	07-SEP-2010 11:55:13	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44552	No
127	GOM_NL__2PRFIN20100907_120107_000000462092_00410_44552_2810.N1	07-SEP-2010 12:01:07	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	44552	No
128	GOM_NL__2PRFIN20100907_120649_000000452092_00410_44552_2811.N1	07-SEP-2010 12:06:49	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	44552	No
129	GOM_NL__2PRFIN20100907_121552_000000382092_00410_44552_2812.N1	07-SEP-2010 12:15:52	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	44552	No
130	GOM_NL__2PRFIN20100907_122107_000000452092_00410_44552_2813.N1	07-SEP-2010 12:21:07	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44552	No
131	GOM_NL__2PRFIN20100907_122521_000000402092_00410_44552_2814.N1	07-SEP-2010 12:25:21	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	44552	No
132	GOM_NL__2PRFIN20100907_123546_000000452092_00410_44552_2815.N1	07-SEP-2010 12:35:46	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44552	No
133	GOM_NL__2PRFIN20100907_123747_000000422092_00410_44552_2816.N1	07-SEP-2010 12:37:47	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44552	No
134	GOM_NL__2PRFIN20100907_125411_000000702092_00410_44552_2817.N1	07-SEP-2010 12:54:11	Bright	70.000	42	34Bet Aur	1.9000	10200.	140	44552	No
135	GOM_NL__2PRFIN20100907_125841_000000412092_00410_44552_2818.N1	07-SEP-2010 12:58:41	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	44552	No
136	GOM_NL__2PRFIN20100907_130255_000000632092_00410_44552_2819.N1	07-SEP-2010 13:02:55	Twi_and_stray	63.000	151	13Mu Gem	2.8900	3000.0	126	44552	No
137	GOM_NL__2PRFIN20100907_130448_000000582092_00410_44552_2820.N1	07-SEP-2010 13:04:48	Twi_and_stray	58.000	44	24Gam Gem	1.9280	11000.	116	44552	No
138	GOM_NL__2PRFIN20100907_130642_000000542092_00410_44552_2821.N1	07-SEP-2010 13:06:42	Twilight	53.500	8	10Alp CMI	0.40000	6500.0	107	44552	No
139	GOM_NL__2PRFIN20100907_131453_000000572092_00410_44552_2822.N1	07-SEP-2010 13:14:53	Dark	57.000	1	9Alp CMA	-1.4400	11000.	114	44552	No
140	GOM_NL__2PRFIN20100907_131727_000000442092_00410_44552_2823.N1	07-SEP-2010 13:17:27	Dark	44.000	23	21Eps CMA	1.5020	26000.	88	44552	No
141	GOM_NL__2PRFIN20100907_131926_000000442092_00410_44552_2824.N1	07-SEP-2010 13:19:26	Dark	44.000	177	1Zet CMA	3.0220	26000.	88	44552	No
142	GOM_NL__2PRFIN20100907_132235_000000482092_00410_44552_2825.N1	07-SEP-2010 13:22:35	Dark	48.000	108	Alp Col	2.6520	15200.	96	44552	No
143	GOM_NL__2PRFIN20100907_133428_000000412092_00411_44553_2823.N1	07-SEP-2010 13:34:28	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44553	No
144	GOM_NL__2PRFIN20100907_133549_000000462092_00411_44553_2824.N1	07-SEP-2010 13:35:49	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44553	No
145	GOM_NL__2PRFIN20100907_134143_000000482092_00411_44553_2825.N1	07-SEP-2010 13:41:43	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	44553	No
146	GOM_NL__2PRFIN20100907_134725_000000512092_00411_44553_2826.N1	07-SEP-2010 13:47:25	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44553	No
147	GOM_NL__2PRFIN20100907_135628_000000392092_00411_44553_2827.N1	07-SEP-2010 13:56:28	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44553	No
148	GOM_NL__2PRFIN20100907_140143_000000442092_00411_44553_2828.N1	07-SEP-2010 14:01:43	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	44553	No
149	GOM_NL__2PRFIN20100907_140557_000000412092_00411_44553_2829.N1	07-SEP-2010 14:05:57	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	44553	No
150	GOM_NL__2PRFIN20100907_141622_000000432092_00411_44553_2830.N1	07-SEP-2010 14:16:22	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	44553	No
151	GOM_NL__2PRFIN20100907_141822_000000452092_00411_44553_2831.N1	07-SEP-2010 14:18:22	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	44553	No
152	GOM_NL__2PRFIN20100907_143446_000000522092_00411_44553_2832.N1	07-SEP-2010 14:34:46	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	44553	No
153	GOM_NL__2PRFIN20100907_143917_000000412092_00411_44553_2833.N1	07-SEP-2010 14:39:17	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	44553	No
154	GOM_NL__2PRFIN20100907_144332_000000642092_00411_44553_2834.N1	07-SEP-2010 14:43:32	Twi_and_stray	64.000	151	13Mu Gem	2.8900	3000.0	128	44553	No
155	GOM_NL__2PRFIN20100907_144524_000000542092_00411_44553_2835.N1	07-SEP-2010 14:45:24	Twi_and_stray	54.000	44	24Gam Gem	1.9280	11000.	108	44553	No
156	GOM_NL__2PRFIN20100907_144718_000000512092_00411_44553_2836.N1	07-SEP-2010 14:47:18	Twilight	50.500	8	10Alp CMI	0.40000	6500.0	101	44553	No
157	GOM_NL__2PRFIN20100907_145529_000000512092_00411_44553_2837.N1	07-SEP-2010 14:55:29	Dark	50.500	1	9Alp CMA	-1.4400	11000.	101	44553	No
158	GOM_NL__2PRFIN20100907_145804_000000442092_00411_44553_2838.N1	07-SEP-2010 14:58:04	Dark	43.500	23	21Eps CMA	1.5020	26000.	87	44553	No
159	GOM_NL__2PRFIN20100907_150003_000000442092_00411_44553_2839.N1	07-SEP-2010 15:00:03	Dark	44.000	177	1Zet CMA	3.0220	26000.	88	44553	No
160	GOM_NL__2PRFIN20100907_150313_000000472092_00411_44553_2840.N1	07-SEP-2010 15:03:13	Dark	47.000	108	Alp Col	2.6520	15200.	94	44553	No

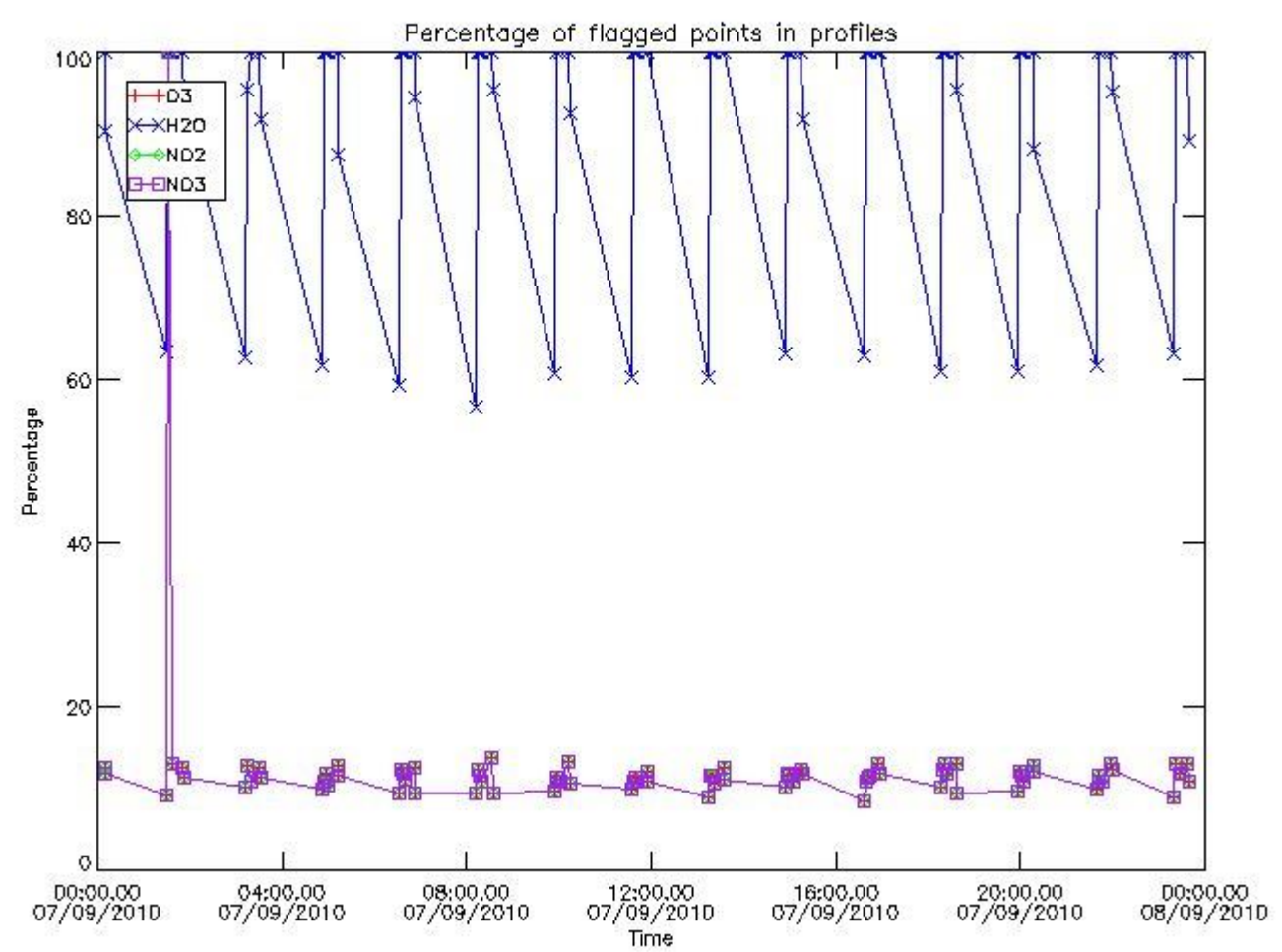
161	GOM_NL__2PRFIN20100907_151505_000000422092_00412_44554_2880.N1	07-SEP-2010 15:15:05	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	44554	No
162	GOM_NL__2PRFIN20100907_151626_000000442092_00412_44554_2881.N1	07-SEP-2010 15:16:26	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44554	No
163	GOM_NL__2PRFIN20100907_152220_000000542092_00412_44554_2882.N1	07-SEP-2010 15:22:20	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44554	No
164	GOM_NL__2PRFIN20100907_152801_000000462092_00412_44554_2883.N1	07-SEP-2010 15:28:01	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	44554	No
165	GOM_NL__2PRFIN20100907_153704_000000402092_00412_44554_2884.N1	07-SEP-2010 15:37:04	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44554	No
166	GOM_NL__2PRFIN20100907_154219_000000452092_00412_44554_2885.N1	07-SEP-2010 15:42:19	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	44554	No
167	GOM_NL__2PRFIN20100907_154632_000000412092_00412_44554_2886.N1	07-SEP-2010 15:46:32	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	44554	No
168	GOM_NL__2PRFIN20100907_155657_000000442092_00412_44554_2887.N1	07-SEP-2010 15:56:57	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	44554	No
169	GOM_NL__2PRFIN20100907_155858_000000422092_00412_44554_2888.N1	07-SEP-2010 15:58:58	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44554	No
170	GOM_NL__2PRFIN20100907_161523_000000502092_00412_44554_2889.N1	07-SEP-2010 16:15:23	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	44554	No
171	GOM_NL__2PRFIN20100907_161953_000000422092_00412_44554_2890.N1	07-SEP-2010 16:19:53	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	44554	No
172	GOM_NL__2PRFIN20100907_162408_000000632092_00412_44554_2891.N1	07-SEP-2010 16:24:08	Twilight	63.000	151	13Mu Gem	2.8900	3000.0	126	44554	No
173	GOM_NL__2PRFIN20100907_162601_000000582092_00412_44554_2892.N1	07-SEP-2010 16:26:01	Twilight	57.500	44	24Gam Gem	1.9280	11000.	115	44554	No
174	GOM_NL__2PRFIN20100907_162755_000000542092_00412_44554_2893.N1	07-SEP-2010 16:27:55	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	44554	No
175	GOM_NL__2PRFIN20100907_163606_000000612092_00412_44554_2894.N1	07-SEP-2010 16:36:06	Dark	61.000	1	9Alp CMA	-1.4400	11000.	122	44554	No
176	GOM_NL__2PRFIN20100907_163841_000000472092_00412_44554_2895.N1	07-SEP-2010 16:38:41	Dark	46.500	23	21Eps CMA	1.5020	26000.	93	44554	No
177	GOM_NL__2PRFIN20100907_164040_000000452092_00412_44554_2896.N1	07-SEP-2010 16:40:40	Dark	45.000	177	1Zet CMA	3.0220	26000.	90	44554	No
178	GOM_NL__2PRFIN20100907_164349_000000452092_00412_44554_2897.N1	07-SEP-2010 16:43:49	Dark	44.500	108	Alp Col	2.6520	15200.	89	44554	No
179	GOM_NL__2PRFIN20100907_165541_000000402092_00413_44555_2921.N1	07-SEP-2010 16:55:41	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44555	No
180	GOM_NL__2PRFIN20100907_165703_000000432092_00413_44555_2922.N1	07-SEP-2010 16:57:03	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44555	No
181	GOM_NL__2PRFIN20100907_170256_000000502092_00413_44555_2923.N1	07-SEP-2010 17:02:56	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	44555	No
182	GOM_NL__2PRFIN20100907_170837_000000482092_00413_44555_2924.N1	07-SEP-2010 17:08:37	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44555	No
183	GOM_NL__2PRFIN20100907_171740_000000392092_00413_44555_2925.N1	07-SEP-2010 17:17:40	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44555	No
184	GOM_NL__2PRFIN20100907_172254_000000442092_00413_44555_2926.N1	07-SEP-2010 17:22:54	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	44555	No
185	GOM_NL__2PRFIN20100907_172708_000000412092_00413_44555_2927.N1	07-SEP-2010 17:27:08	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	44555	No
186	GOM_NL__2PRFIN20100907_173732_000000442092_00413_44555_2928.N1	07-SEP-2010 17:37:32	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44555	No
187	GOM_NL__2PRFIN20100907_173933_000000472092_00413_44555_2929.N1	07-SEP-2010 17:39:33	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44555	No
188	GOM_NL__2PRFIN20100907_175558_000000522092_00413_44555_2930.N1	07-SEP-2010 17:55:58	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	44555	No
189	GOM_NL__2PRFIN20100907_180029_000000422092_00413_44555_2931.N1	07-SEP-2010 18:00:29	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	44555	No
190	GOM_NL__2PRFIN20100907_180445_000000632092_00413_44555_2932.N1	07-SEP-2010 18:04:45	Twilight	63.000	151	13Mu Gem	2.8900	3000.0	126	44555	No
191	GOM_NL__2PRFIN20100907_180637_000000532092_00413_44555_2933.N1	07-SEP-2010 18:06:37	Twilight	53.000	44	24Gam Gem	1.9280	11000.	106	44555	No
192	GOM_NL__2PRFIN20100907_180831_000000542092_00413_44555_2934.N1	07-SEP-2010 18:08:31	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	44555	No
193	GOM_NL__2PRFIN20100907_181643_000000512092_00413_44555_2935.N1	07-SEP-2010 18:16:43	Dark	50.500	1	9Alp CMA	-1.4400	11000.	101	44555	No
194	GOM_NL__2PRFIN20100907_181917_000000462092_00413_44555_2936.N1	07-SEP-2010 18:19:17	Dark	45.500	23	21Eps CMA	1.5020	26000.	91	44555	No
195	GOM_NL__2PRFIN20100907_182117_000000432092_00413_44555_2937.N1	07-SEP-2010 18:21:17	Dark	43.000	177	1Zet CMA	3.0220	26000.	86	44555	No
196	GOM_NL__2PRFIN20100907_182427_000000472092_00413_44555_2938.N1	07-SEP-2010 18:24:27	Dark	47.000	108	Alp Col	2.6520	15200.	94	44555	No
197	GOM_NL__2PRFIN20100907_183617_000000402092_00414_44556_2953.N1	07-SEP-2010 18:36:17	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44556	No
198	GOM_NL__2PRFIN20100907_183739_000000542092_00414_44556_2954.N1	07-SEP-2010 18:37:39	Dark	53.500	9	Alp Eri	0.45300	24000.	107	44556	No
199	GOM_NL__2PRFIN20100907_184333_000000522092_00414_44556_2955.N1	07-SEP-2010 18:43:33	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	44556	No
200	GOM_NL__2PRFIN20100907_184914_000000482092_00414_44556_2956.N1	07-SEP-2010 18:49:14	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44556	No
201	GOM_NL__2PRFIN20100907_185816_000000382092_00414_44556_2957.N1	07-SEP-2010 18:58:16	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	44556	No
202	GOM_NL__2PRFIN20100907_190330_000000432092_00414_44556_2958.N1	07-SEP-2010 19:03:30	Bright	42.500	90	54Alp Peg	2.4870	11000.	85	44556	No
203	GOM_NL__2PRFIN20100907_190744_000000422092_00414_44556_2959.N1	07-SEP-2010 19:07:44	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	44556	No
204	GOM_NL__2PRFIN20100907_191808_000000452092_00414_44556_2960.N1	07-SEP-2010 19:18:08	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44556	No
205	GOM_NL__2PRFIN20100907_192008_000000422092_00414_44556_2961.N1	07-SEP-2010 19:20:08	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44556	No
206	GOM_NL__2PRFIN20100907_194105_000000572092_00414_44556_2962.N1	07-SEP-2010 19:41:05	Bright	57.000	24	66Alp Gem	1.5800	10200.	114	44556	No
207	GOM_NL__2PRFIN20100907_194521_000000552092_00414_44556_2963.N1	07-SEP-2010 19:45:21	Twilight	55.000	151	13Mu Gem	2.8900	3000.0	110	44556	No
208	GOM_NL__2PRFIN20100907_194714_000000562092_00414_44556_2964.N1	07-SEP-2010 19:47:14	Twilight	56.000	44	24Gam Gem	1.9280	11000.	112	44556	No
209	GOM_NL__2PRFIN20100907_194907_000000512092_00414_44556_2965.N1	07-SEP-2010 19:49:07	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	44556	No
210	GOM_NL__2PRFIN20100907_195720_000000532092_00414_44556_2966.N1	07-SEP-2010 19:57:20	Dark	53.000	1	9Alp CMA	-1.4400	11000.	106	44556	No
211	GOM_NL__2PRFIN20100907_195954_000000472092_00414_44556_2967.N1	07-SEP-2010 19:59:54	Dark	46.500	23	21Eps CMA	1.5020	26000.	93	44556	No
212	GOM_NL__2PRFIN20100907_200154_000000442092_00414_44556_2968.N1	07-SEP-2010 20:01:54	Dark	44.000	177	1Zet CMA	3.0220	26000.	88	44556	No
213	GOM_NL__2PRFIN20100907_200503_000000482092_00414_44556_2969.N1	07-SEP-2010 20:05:03	Dark	47.500	108	Alp Col	2.6520	15200.	95	44556	No
214	GOM_NL__2PRFIN20100907_201654_000000402092_00415_44557_2989.N1	07-SEP-2010 20:16:54	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44557	No
215	GOM_NL__2PRFIN20100907_201816_000000432092_00415_44557_2990.N1	07-SEP-2010 20:18:16	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44557	No
216	GOM_NL__2PRFIN20100907_202409_000000502092_00415_44557_2991.N1	07-SEP-2010 20:24:09	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	44557	No
217	GOM_NL__2PRFIN20100907_202949_000000452092_00415_44557_2992.N1	07-SEP-2010 20:29:49	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	44557	No
218	GOM_NL__2PRFIN20100907_203852_000000392092_00415_44557_2993.N1	07-SEP-2010 20:38:52	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44557	No
219	GOM_NL__2PRFIN20100907_204406_000000432092_00415_44557_2994.N1	07-SEP-2010 20:44:06	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	44557	No

220	GOM_NL__2PRFIN20100907_204819_000000412092_00415_44557_2995.N1	07-SEP-2010 20:48:19	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	44557	No
221	GOM_NL__2PRFIN20100907_205843_000000452092_00415_44557_2996.N1	07-SEP-2010 20:58:43	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44557	No
222	GOM_NL__2PRFIN20100907_210043_000000432092_00415_44557_2997.N1	07-SEP-2010 21:00:43	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	44557	No
223	GOM_NL__2PRFIN20100907_212141_000000402092_00415_44557_2998.N1	07-SEP-2010 21:21:41	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	44557	No
224	GOM_NL__2PRFIN20100907_212557_000000552092_00415_44557_2999.N1	07-SEP-2010 21:25:57	Twilight	55.000	151	13Mu Gem	2.8900	3000.0	110	44557	No
225	GOM_NL__2PRFIN20100907_212750_000000572092_00415_44557_3000.N1	07-SEP-2010 21:27:50	Twilight	56.500	44	24Gam Gem	1.9280	11000.	113	44557	No
226	GOM_NL__2PRFIN20100907_212944_000000492092_00415_44557_3001.N1	07-SEP-2010 21:29:44	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	44557	No
227	GOM_NL__2PRFIN20100907_213756_000000522092_00415_44557_3002.N1	07-SEP-2010 21:37:56	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	44557	No
228	GOM_NL__2PRFIN20100907_214030_000000472092_00415_44557_3003.N1	07-SEP-2010 21:40:30	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	44557	No
229	GOM_NL__2PRFIN20100907_214230_000000442092_00415_44557_3004.N1	07-SEP-2010 21:42:30	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	44557	No
230	GOM_NL__2PRFIN20100907_214541_000000482092_00415_44557_3005.N1	07-SEP-2010 21:45:41	Dark	47.500	108	Alp Col	2.6520	15200.	95	44557	No
231	GOM_NL__2PRFIN20100907_215731_000000402092_00416_44558_3001.N1	07-SEP-2010 21:57:31	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44558	No
232	GOM_NL__2PRFIN20100907_215852_000000422092_00416_44558_3002.N1	07-SEP-2010 21:58:52	Dark	41.500	9	Alp Eri	0.45300	24000.	83	44558	No
233	GOM_NL__2PRFIN20100907_220445_000000532092_00416_44558_3003.N1	07-SEP-2010 22:04:45	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44558	No
234	GOM_NL__2PRFIN20100907_221026_000000472092_00416_44558_3004.N1	07-SEP-2010 22:10:26	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	44558	No
235	GOM_NL__2PRFIN20100907_221928_000000392092_00416_44558_3005.N1	07-SEP-2010 22:19:28	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44558	No
236	GOM_NL__2PRFIN20100907_222441_000000442092_00416_44558_3006.N1	07-SEP-2010 22:24:41	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	44558	No
237	GOM_NL__2PRFIN20100907_222855_000000402092_00416_44558_3007.N1	07-SEP-2010 22:28:55	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	44558	No
238	GOM_NL__2PRFIN20100907_223918_000000632092_00416_44558_3008.N1	07-SEP-2010 22:39:18	Bright	63.000	74	11Bet Cas	2.2680	6600.0	126	44558	No
239	GOM_NL__2PRFIN20100907_224119_000000442092_00416_44558_3009.N1	07-SEP-2010 22:41:19	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	44558	No
240	GOM_NL__2PRFIN20100907_230217_000000582092_00416_44558_3010.N1	07-SEP-2010 23:02:17	Bright	58.000	24	66Alp Gem	1.5800	10200.	116	44558	No
241	GOM_NL__2PRFIN20100907_230633_000000472092_00416_44558_3011.N1	07-SEP-2010 23:06:33	Twilight	47.000	151	13Mu Gem	2.8900	3000.0	94	44558	No
242	GOM_NL__2PRFIN20100907_230827_000000542092_00416_44558_3012.N1	07-SEP-2010 23:08:27	Twilight	53.500	44	24Gam Gem	1.9280	11000.	107	44558	No
243	GOM_NL__2PRFIN20100907_231020_000000562092_00416_44558_3013.N1	07-SEP-2010 23:10:20	Twilight	56.000	8	10Alp CMi	0.40000	6500.0	112	44558	No
244	GOM_NL__2PRFIN20100907_231833_000000582092_00416_44558_3014.N1	07-SEP-2010 23:18:33	Dark	57.500	1	9Alp CMa	-1.4400	11000.	115	44558	No
245	GOM_NL__2PRFIN20100907_232107_000000472092_00416_44558_3015.N1	07-SEP-2010 23:21:07	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	44558	No
246	GOM_NL__2PRFIN20100907_232617_000000472092_00416_44558_3016.N1	07-SEP-2010 23:26:17	Dark	47.000	108	Alp Col	2.6520	15200.	94	44558	No
247	GOM_NL__2PRFIN20100907_233807_000000402092_00417_44559_3033.N1	07-SEP-2010 23:38:07	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44559	No
248	GOM_NL__2PRFIN20100907_233928_000000472092_00417_44559_3034.N1	07-SEP-2010 23:39:28	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44559	No
249	GOM_NL__2PRFIN20100907_234522_000000542092_00417_44559_3035.N1	07-SEP-2010 23:45:22	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44559	No
250	GOM_NL__2PRFIN20100907_235102_000000482092_00417_44559_3036.N1	07-SEP-2010 23:51:02	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44559	No

3. Quality information per product

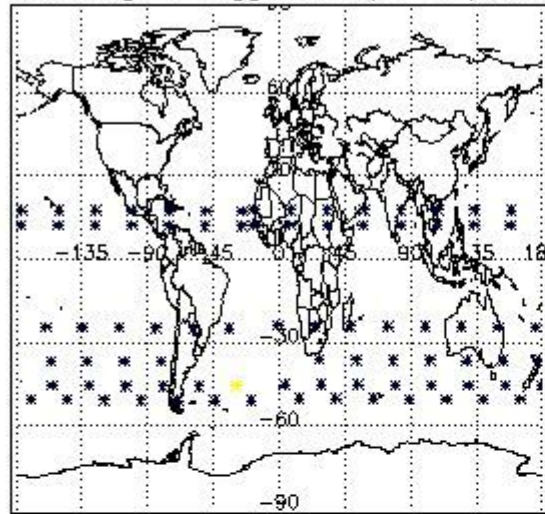
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

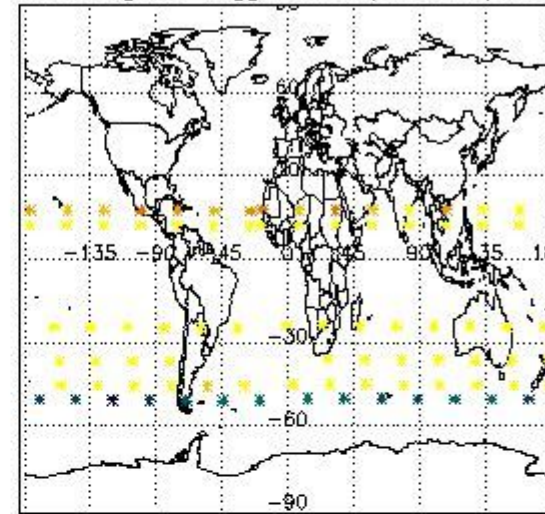


3.2 Plot quality information per product (world map)

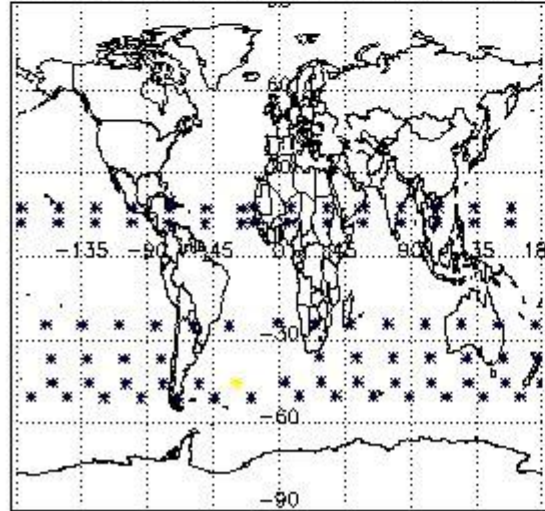
Percentage of flagged data per O3 profile



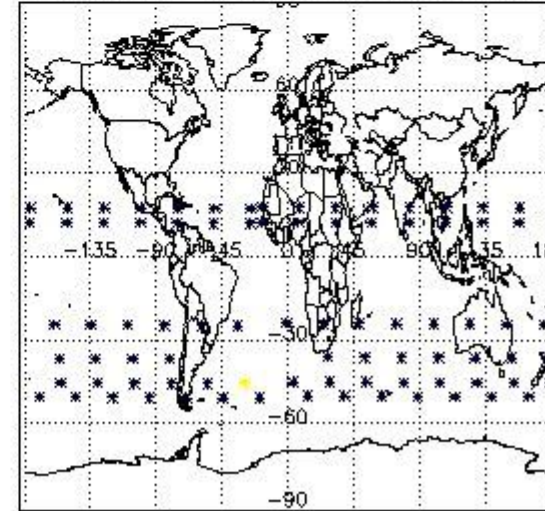
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

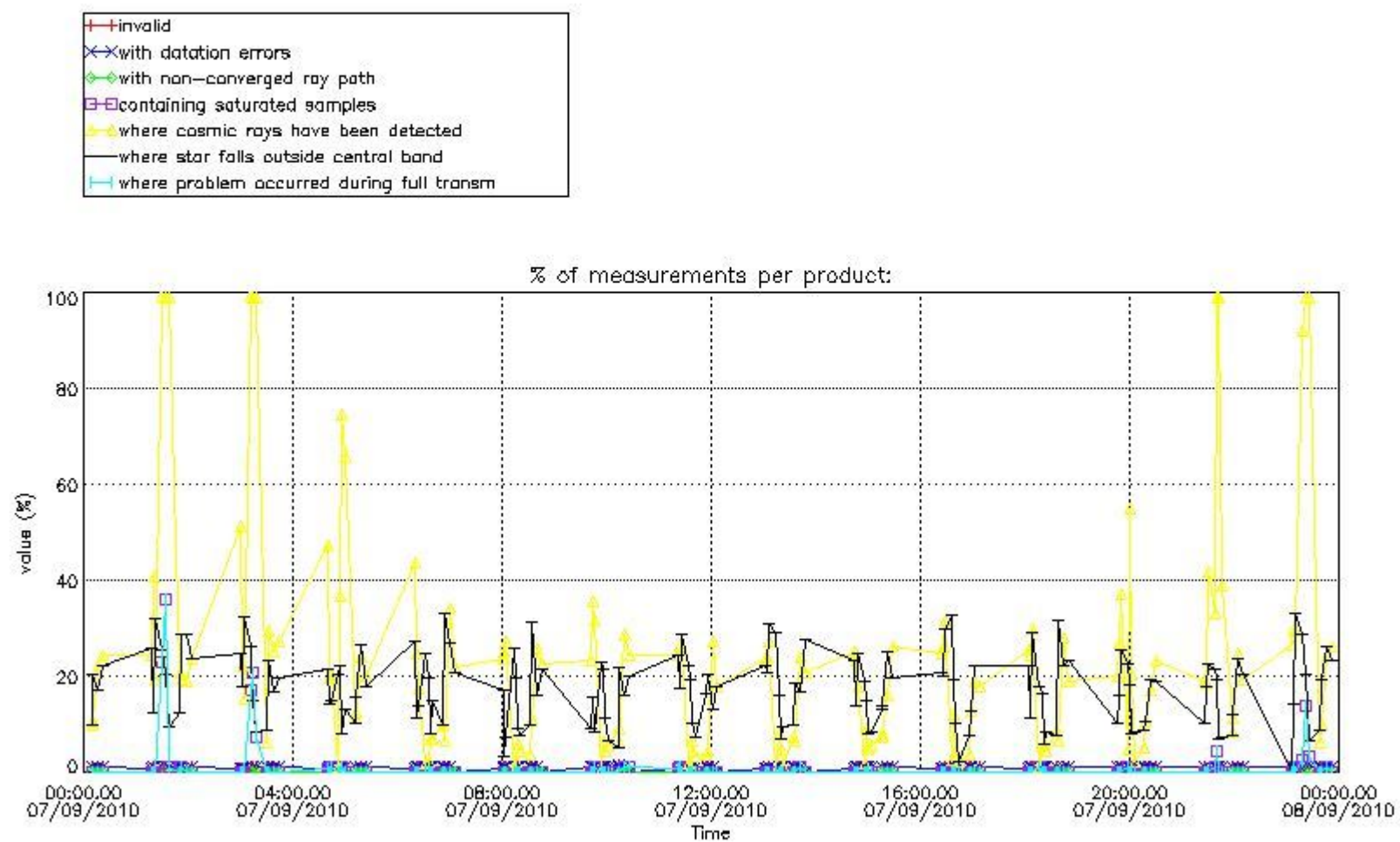


4. Level 1 quality information per product

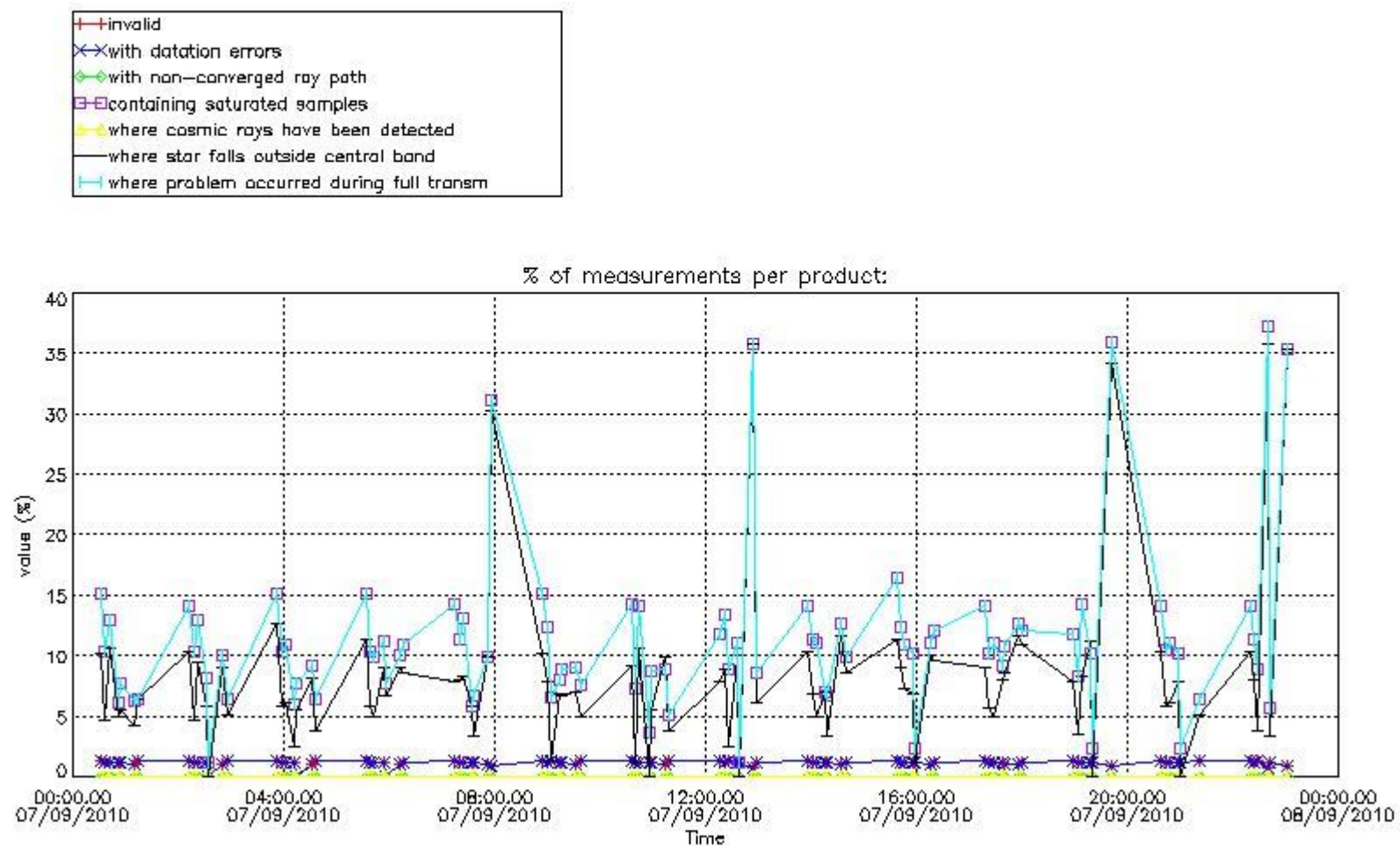
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

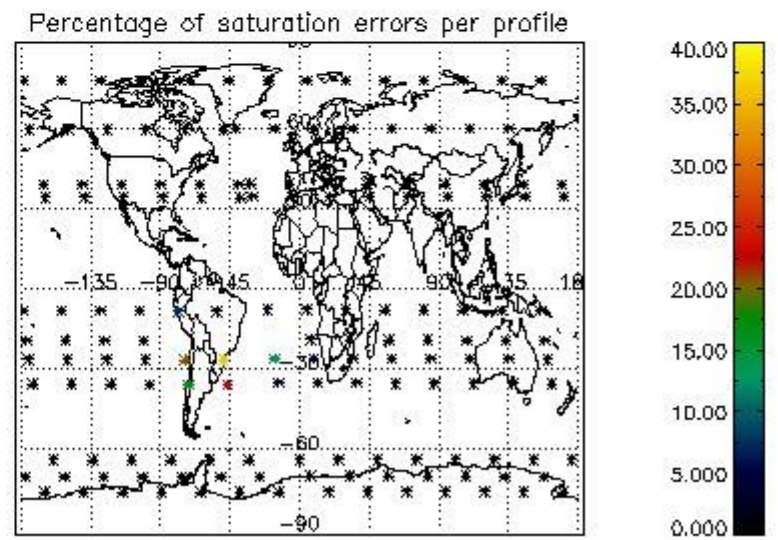
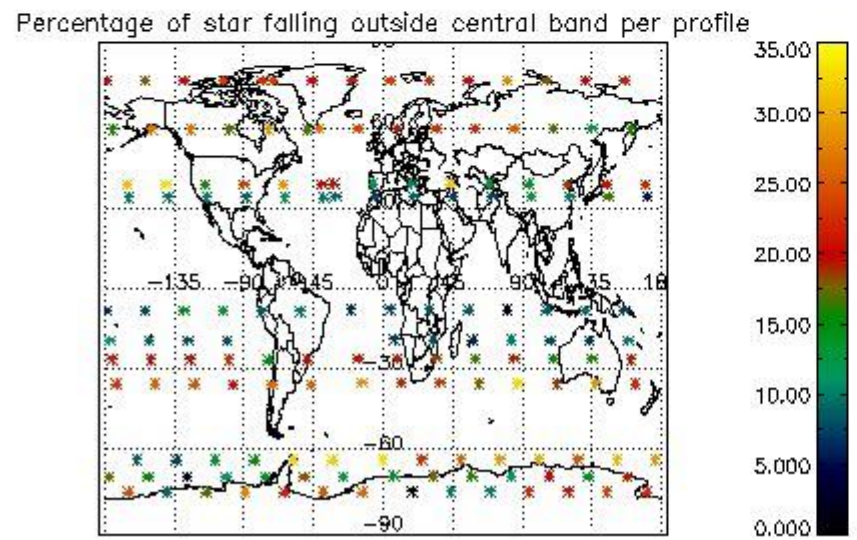
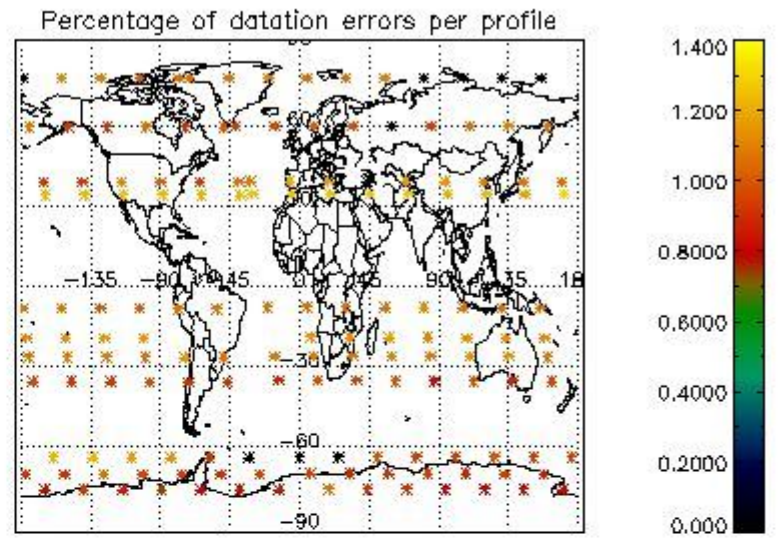
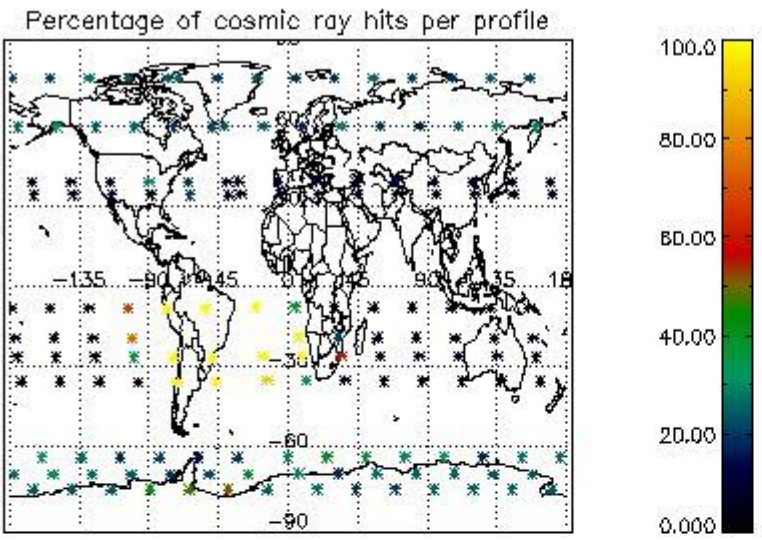


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

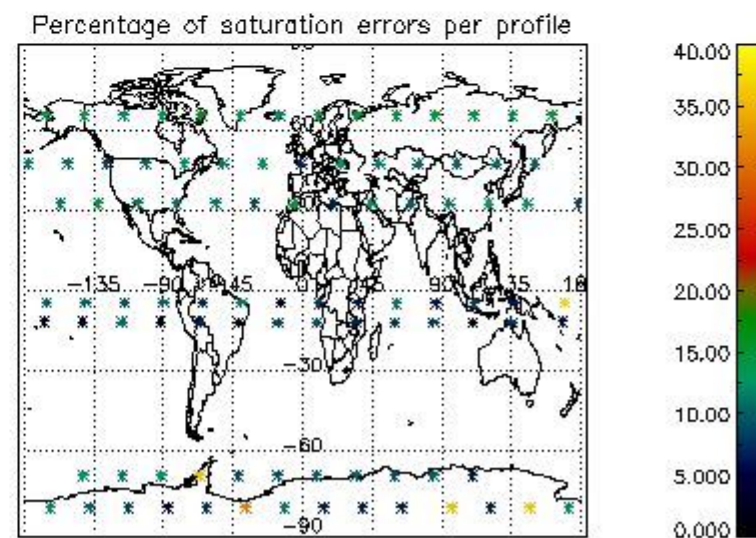
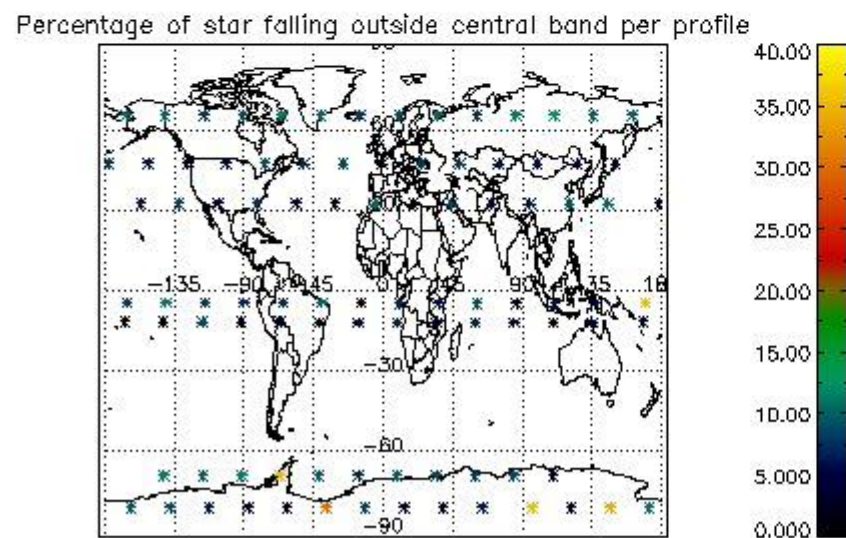
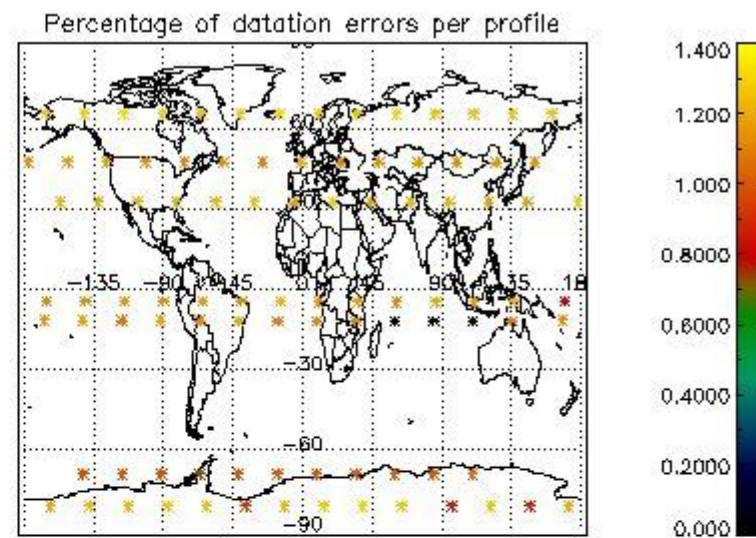
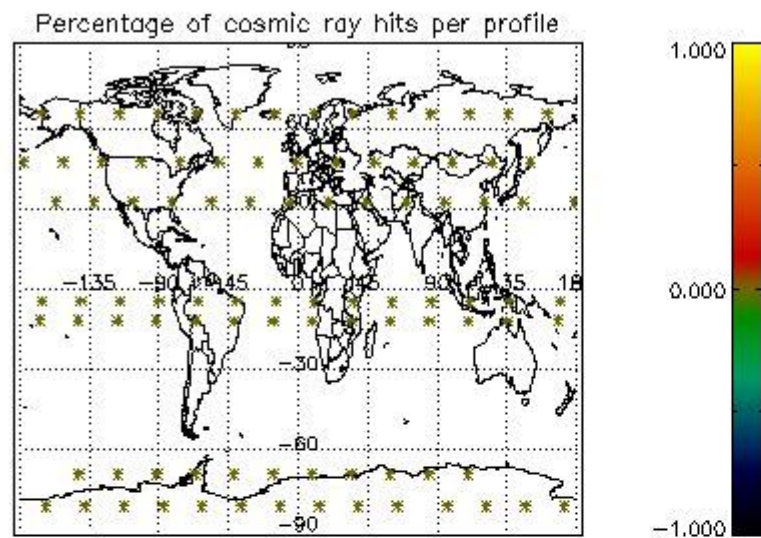


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

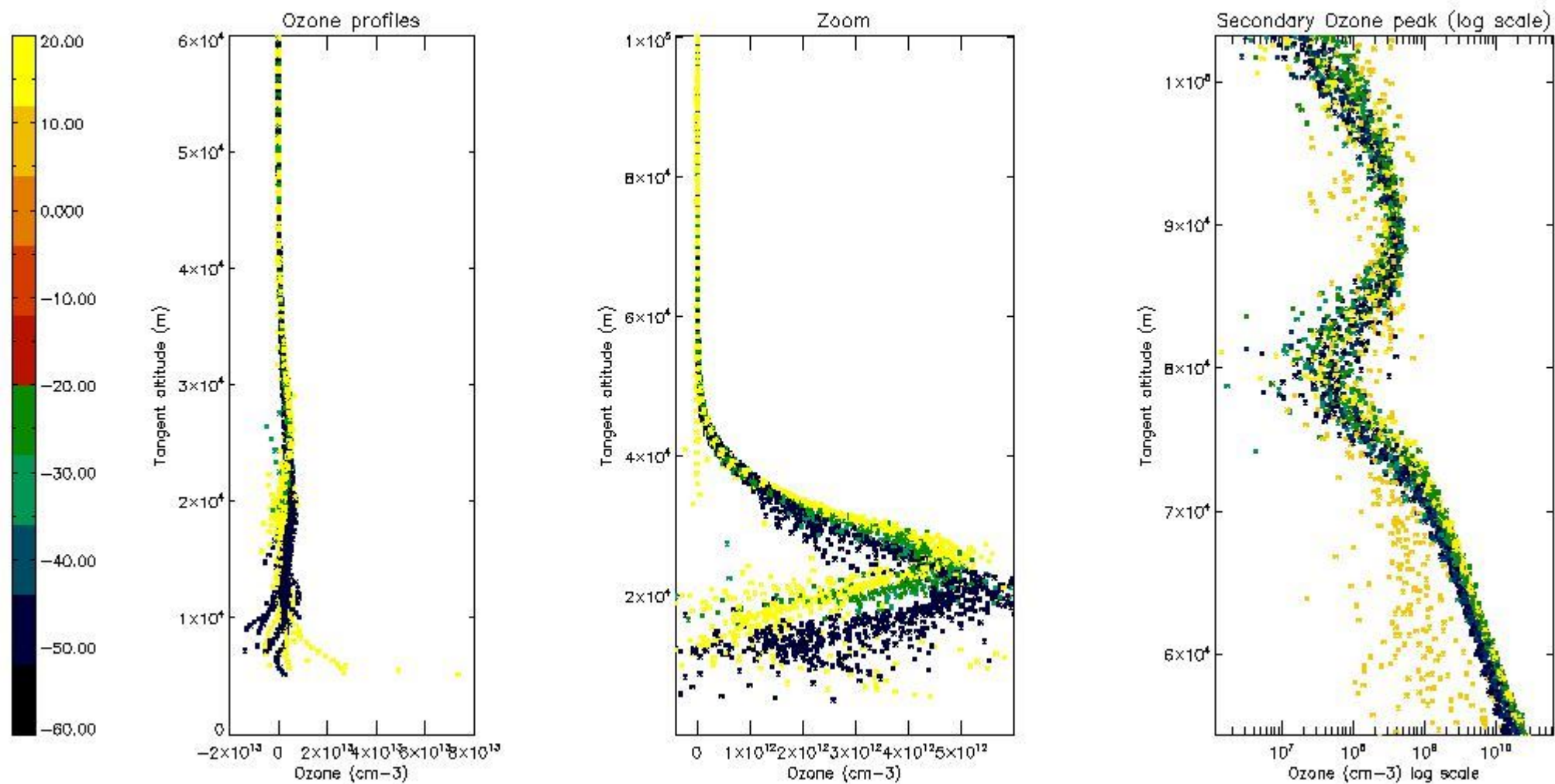
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	17
STD < 5	13

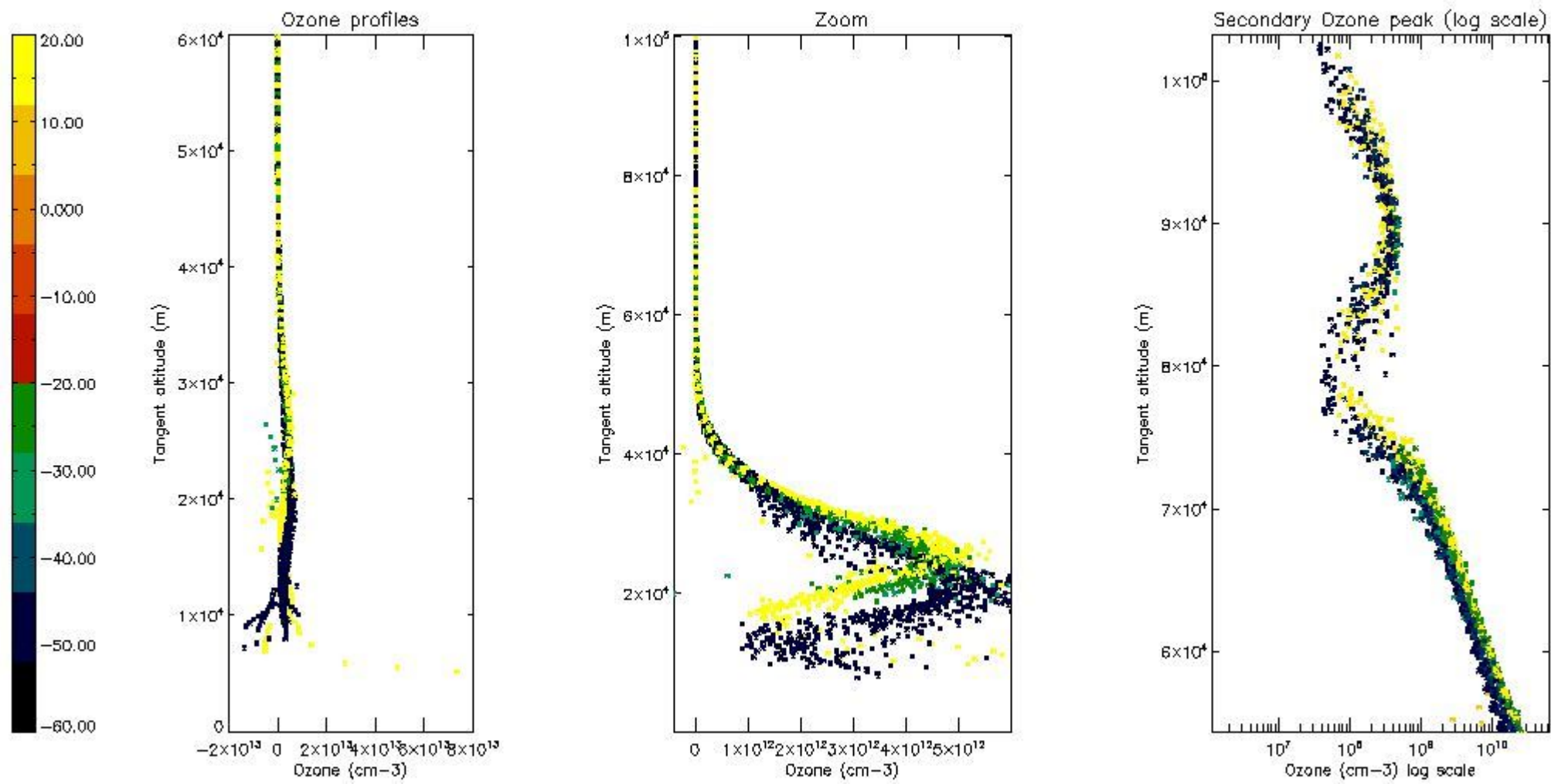
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



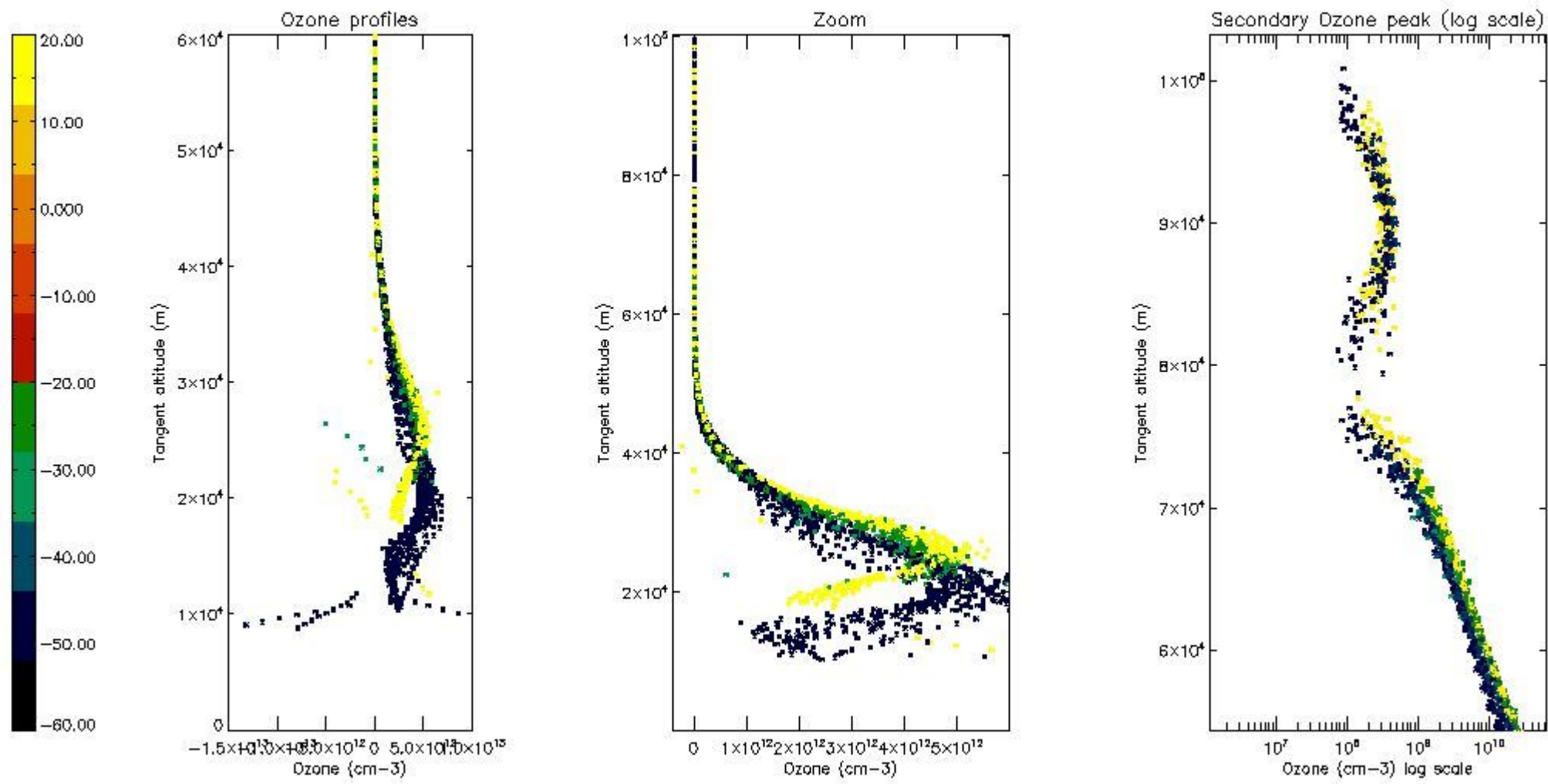
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



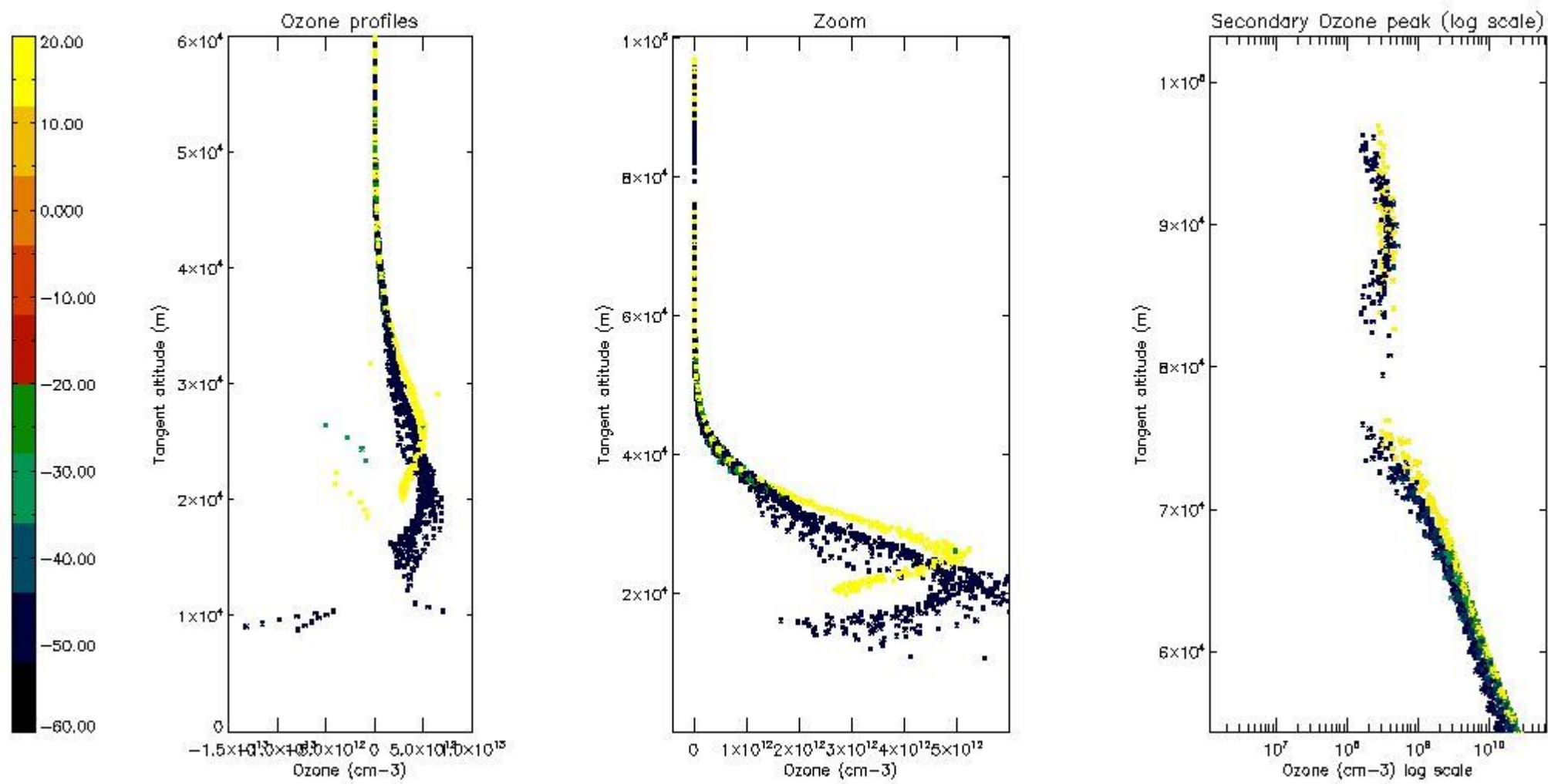
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



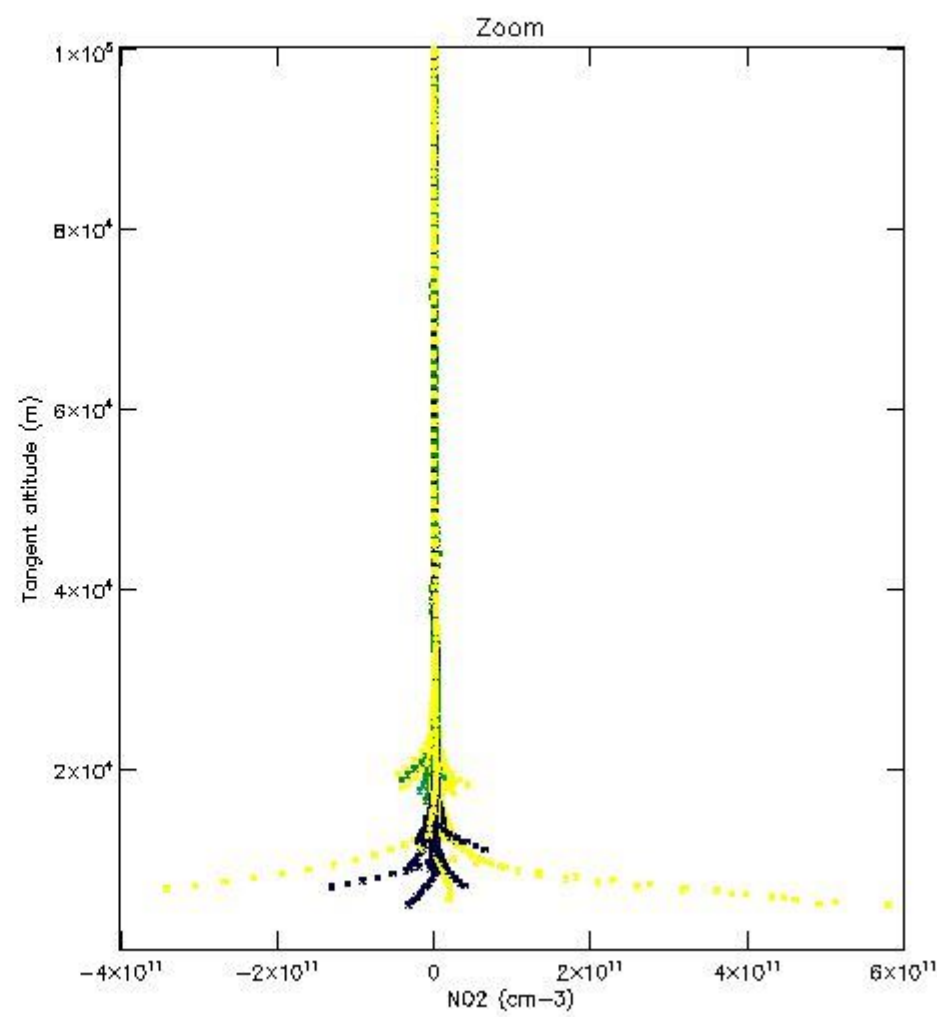
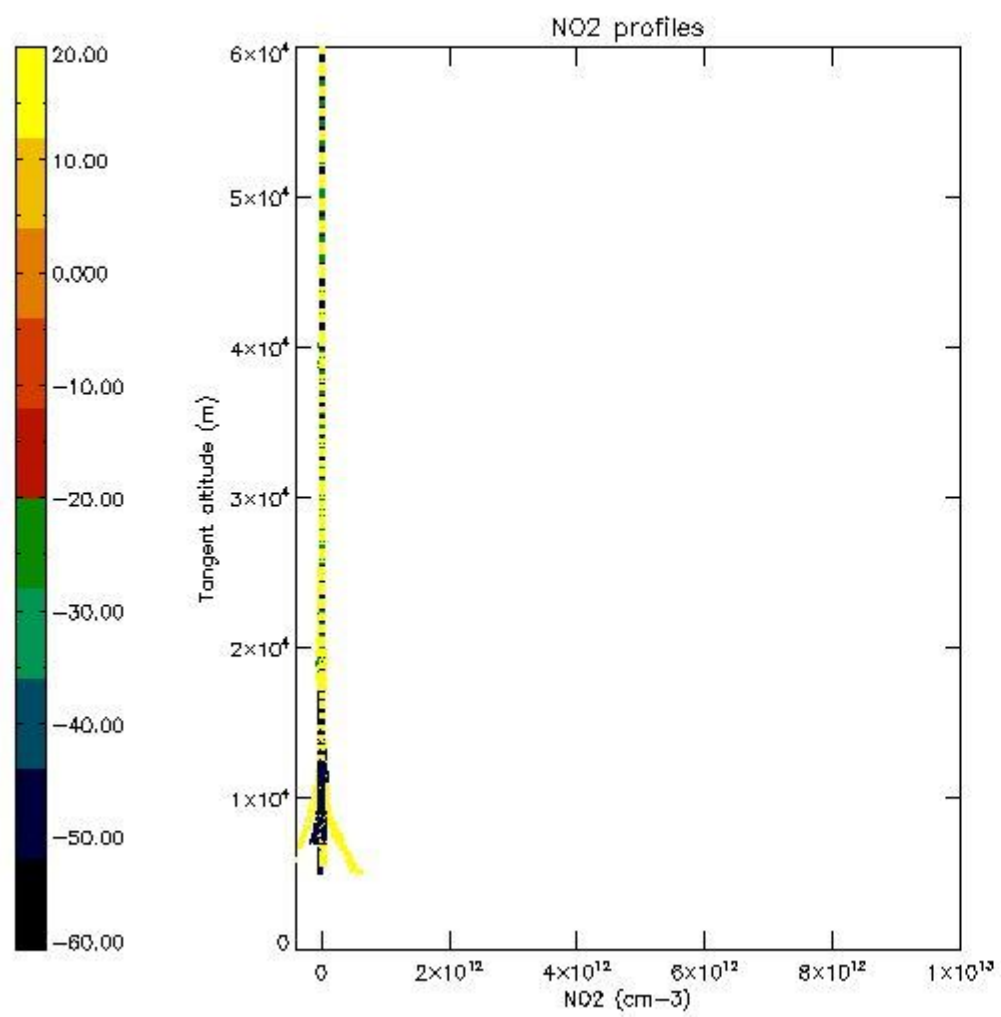
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



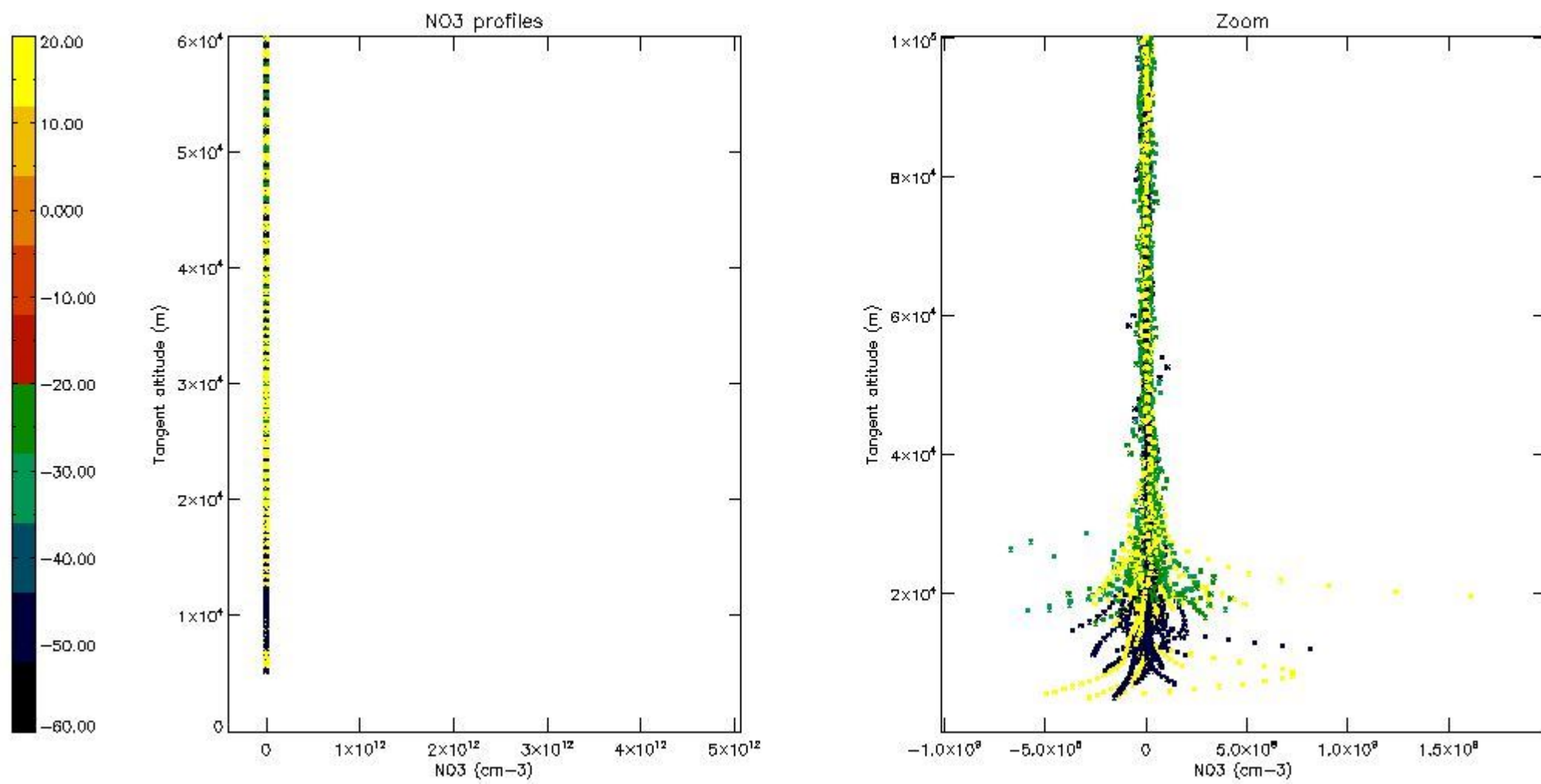
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



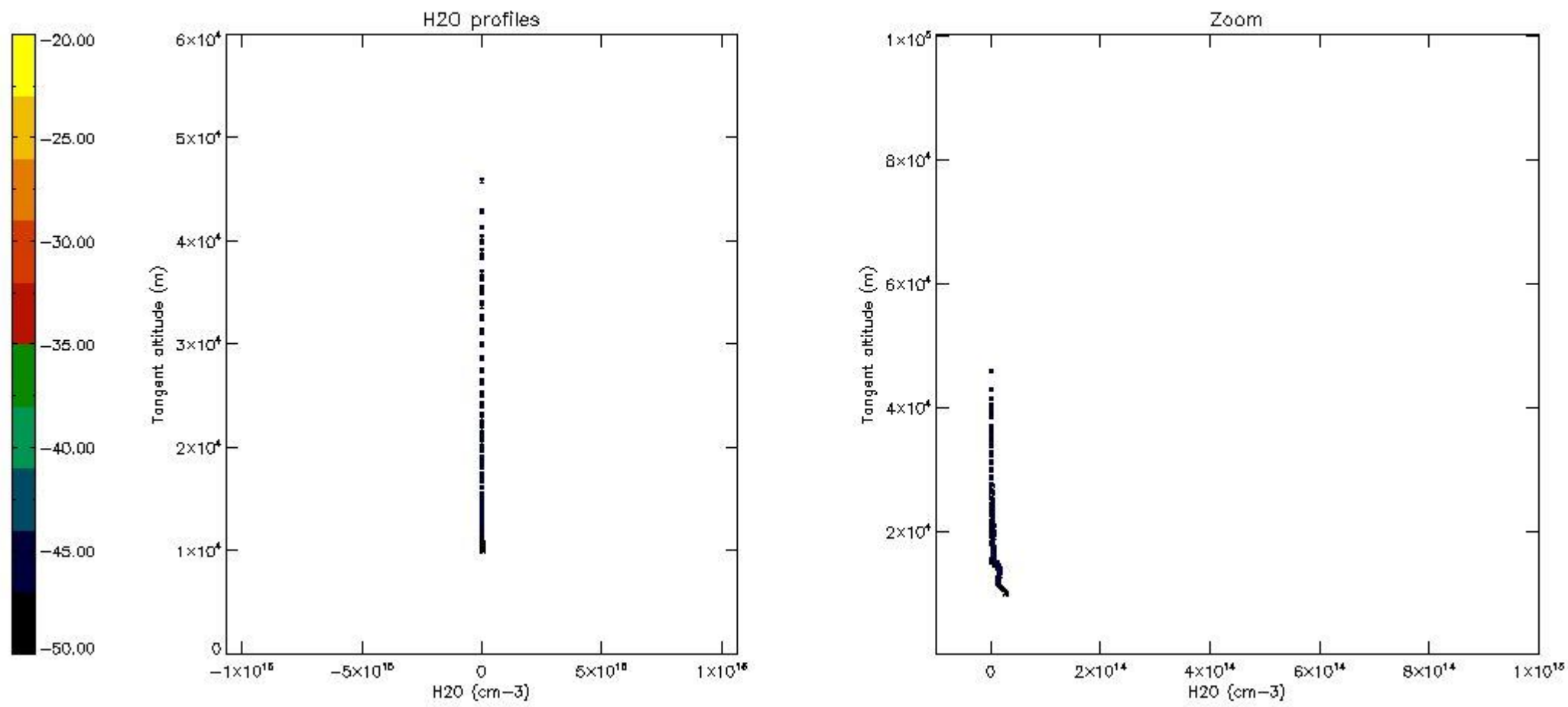
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

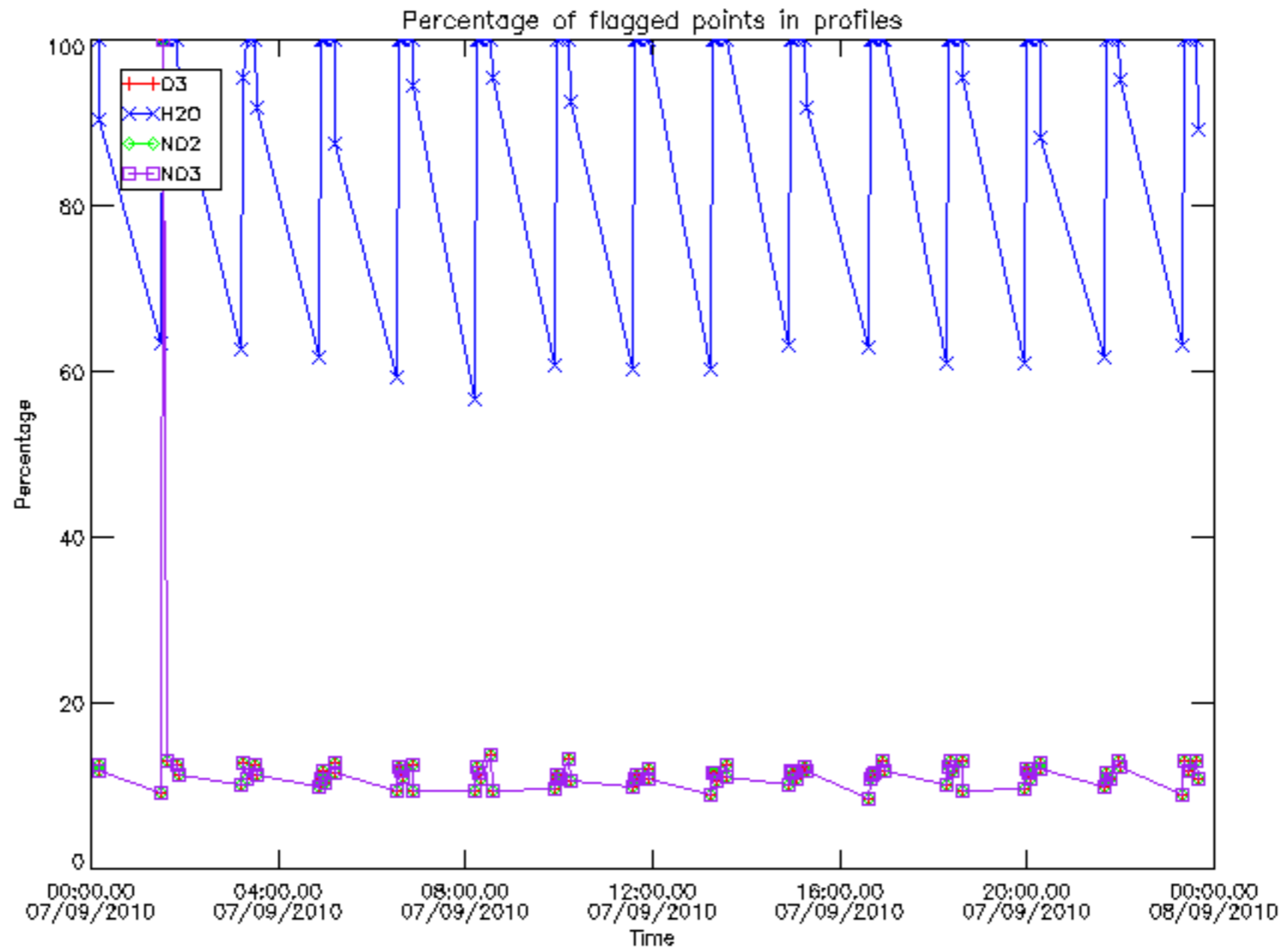
The colorbar represents the latitude.



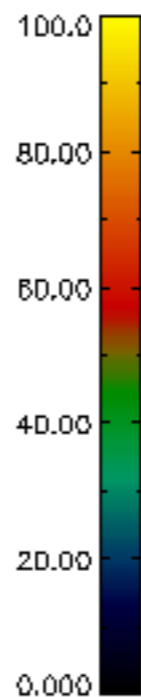
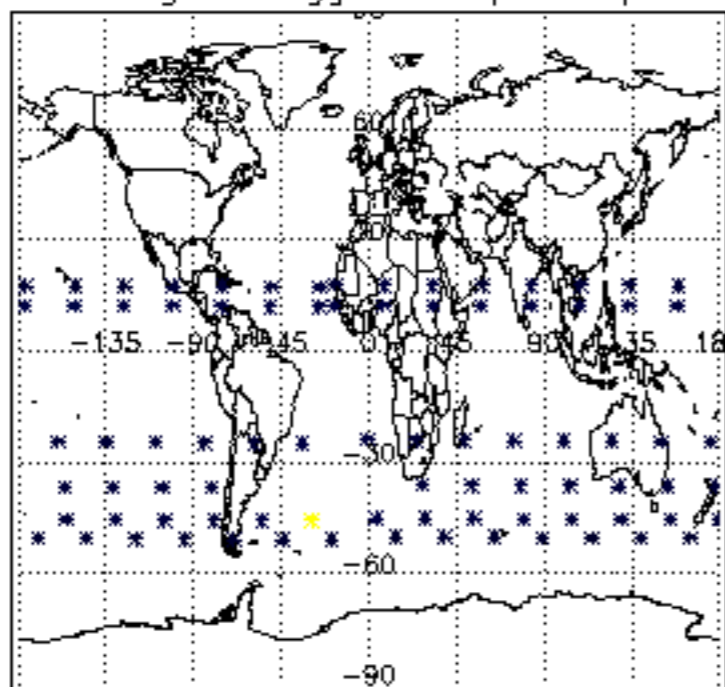
6. Auxiliary Data Files used for the production reported in section 2

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.

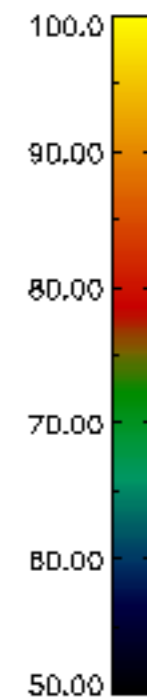
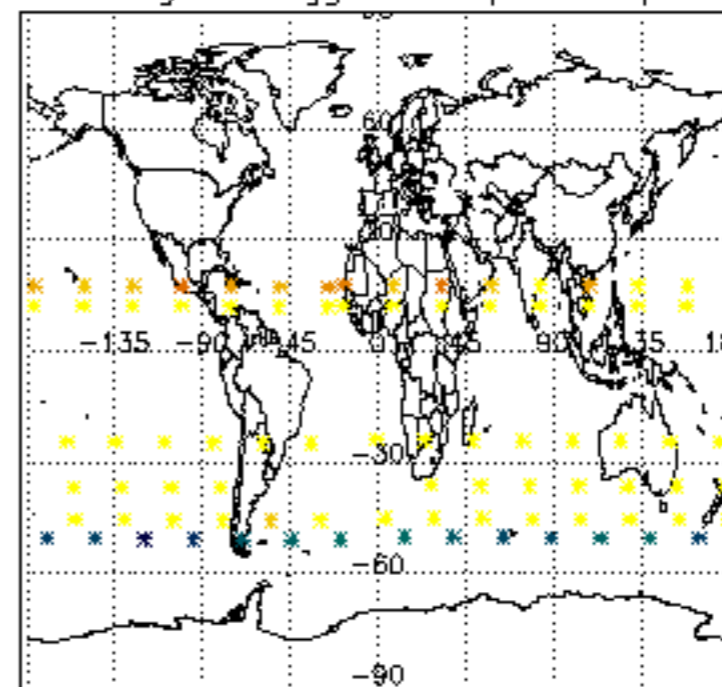
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	07-SEP-2010 00:09:36
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-SEP-2010 00:09:36
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-SEP-2010 00:09:36



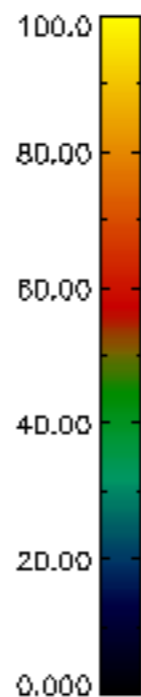
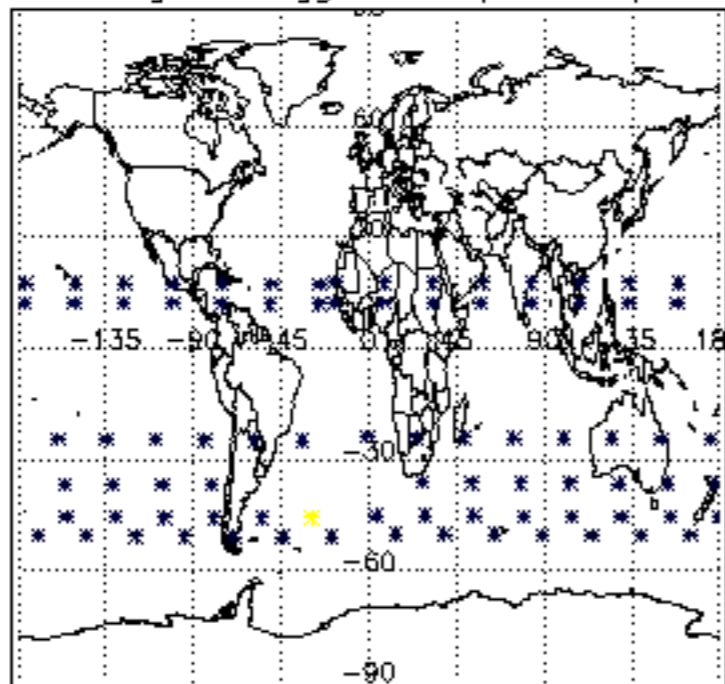
Percentage of flagged data per D3 profile



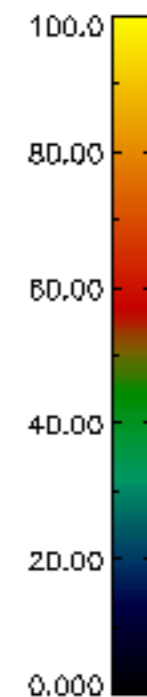
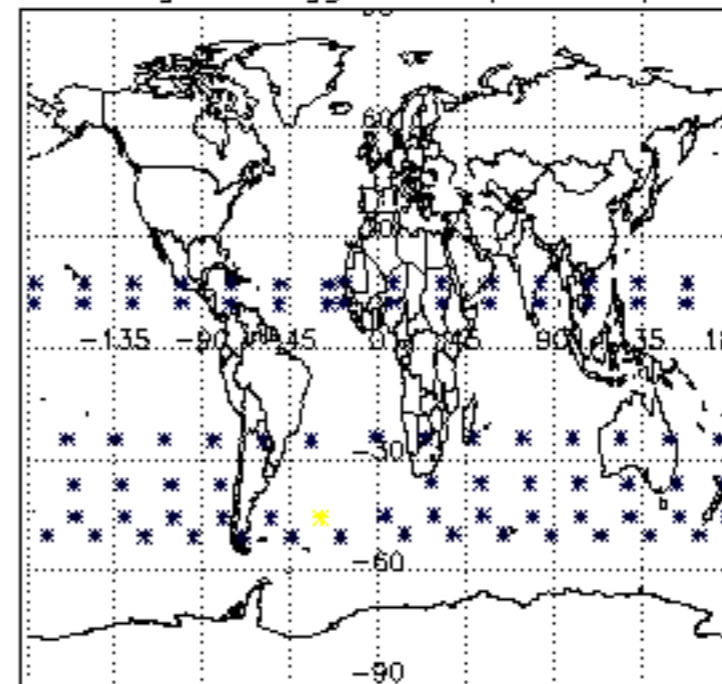
Percentage of flagged data per H2O profile

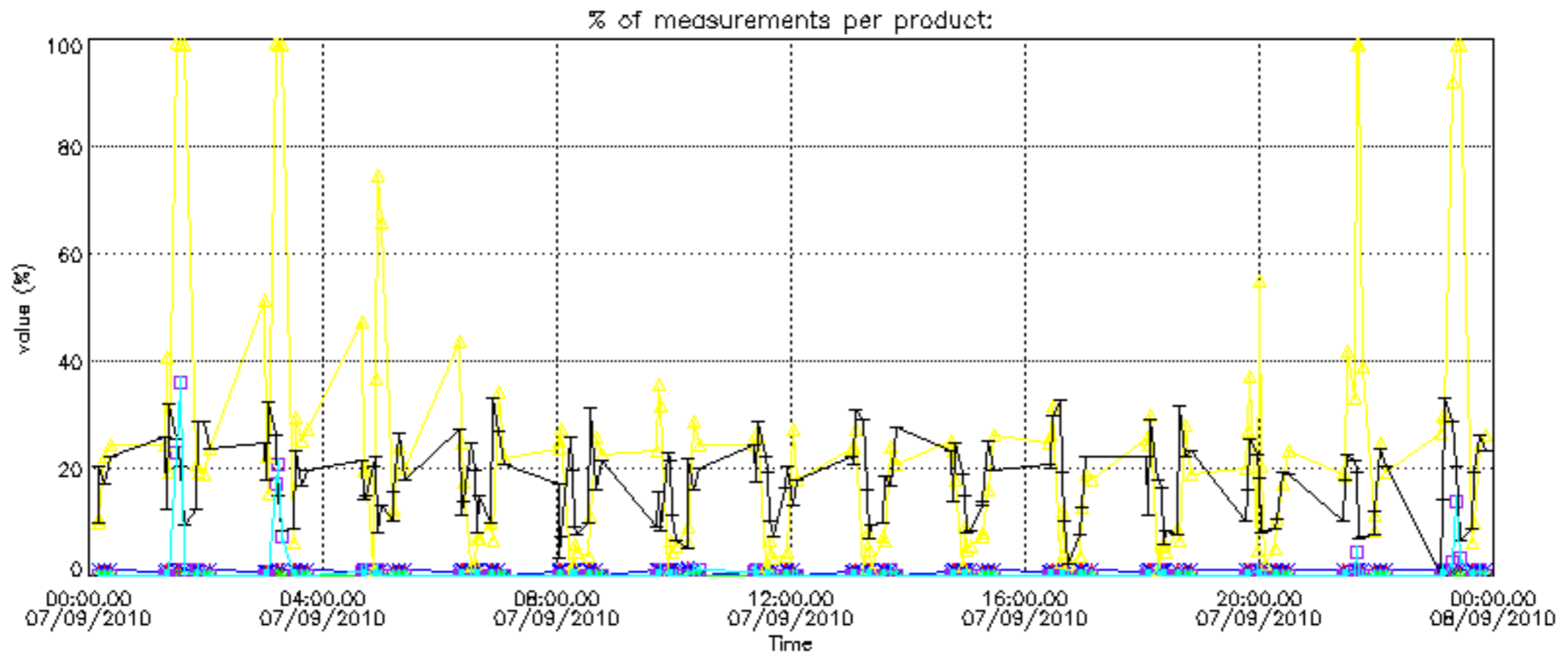


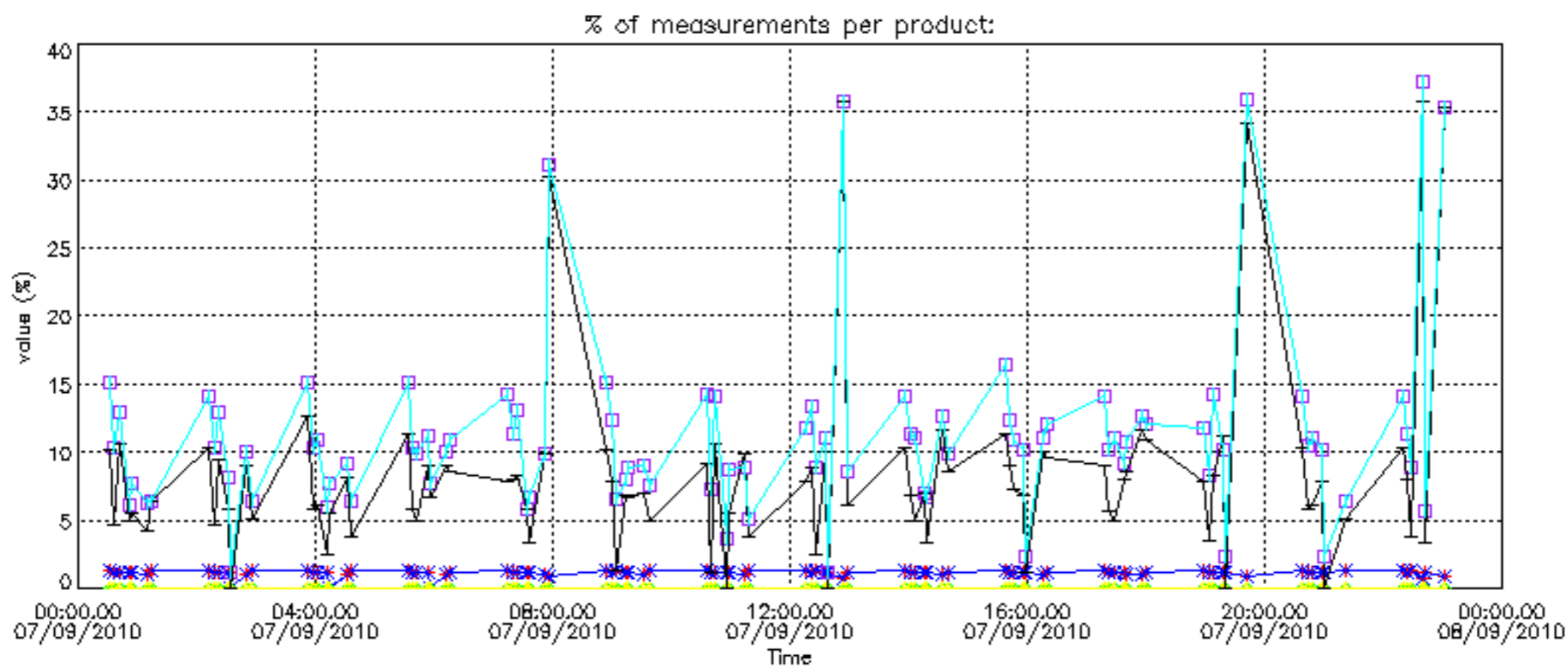
Percentage of flagged data per NO2 profile



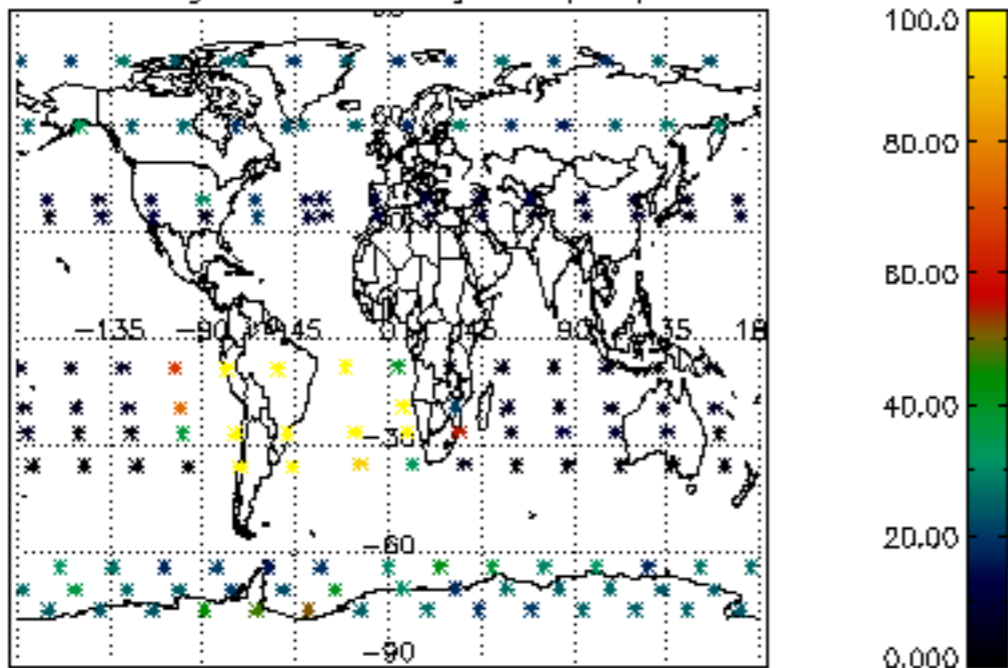
Percentage of flagged data per NO3 profile



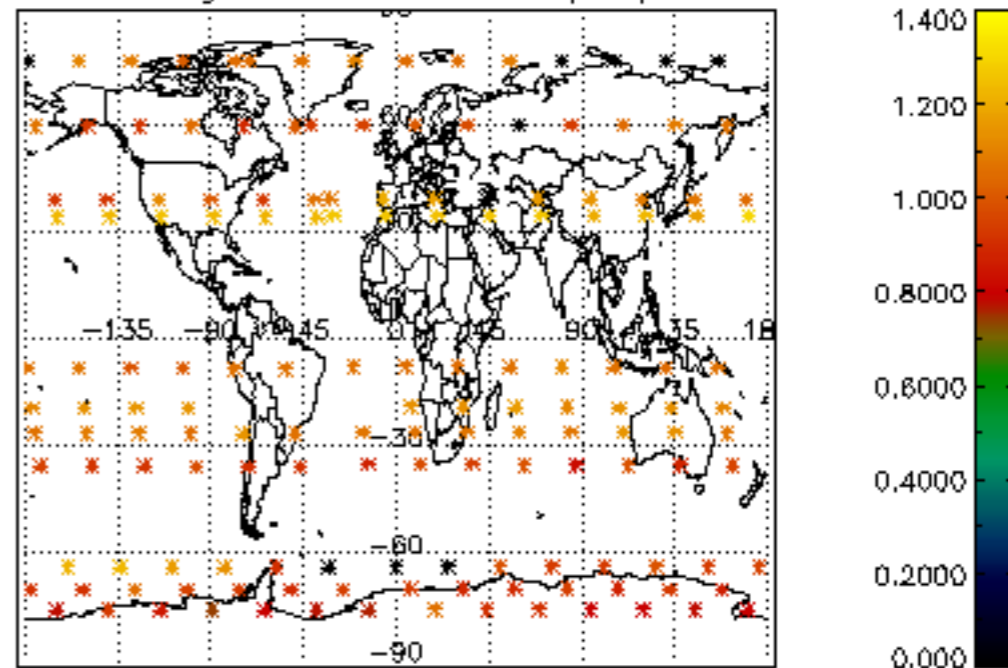




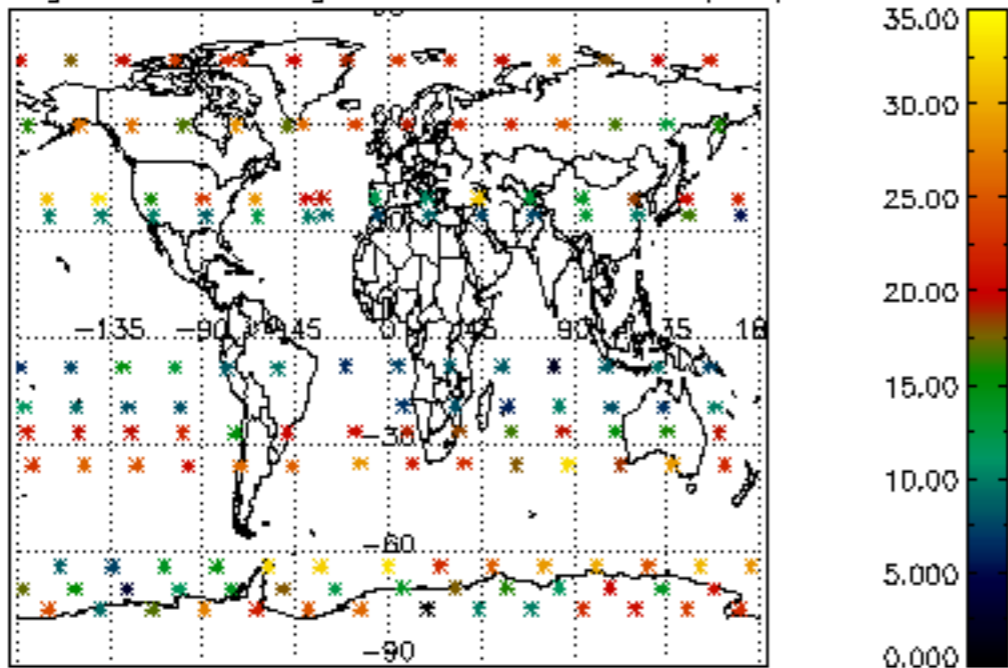
Percentage of cosmic ray hits per profile



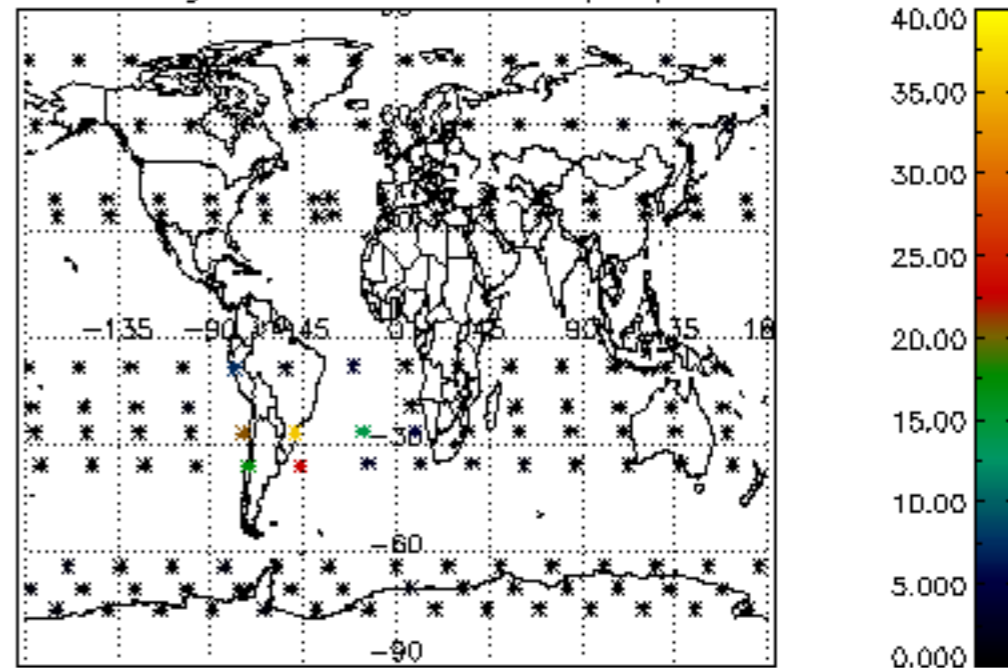
Percentage of datation errors per profile



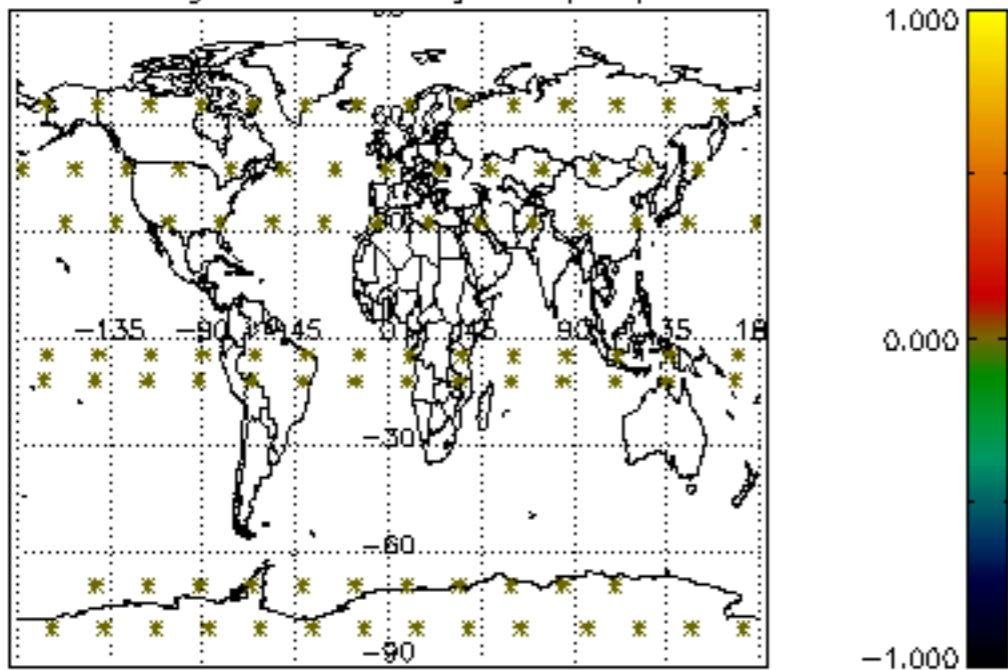
Percentage of star falling outside central band per profile



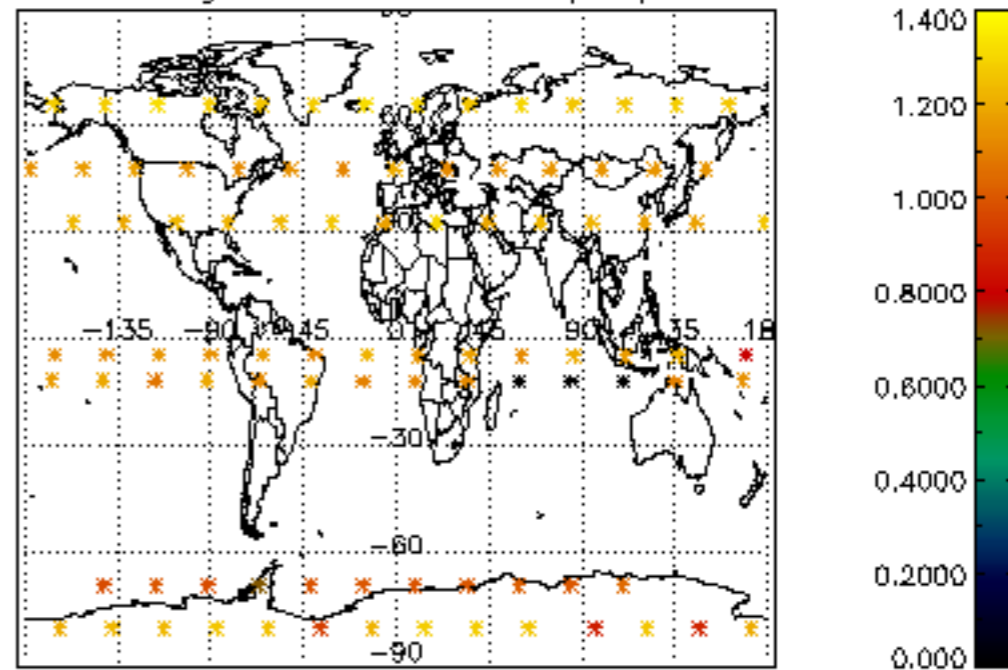
Percentage of saturation errors per profile



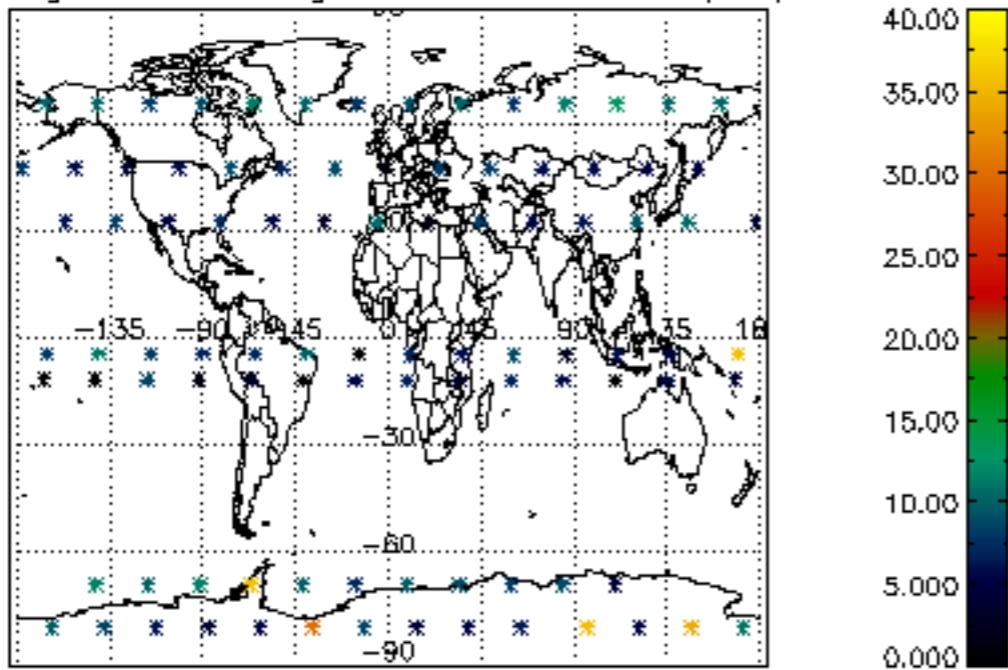
Percentage of cosmic ray hits per profile



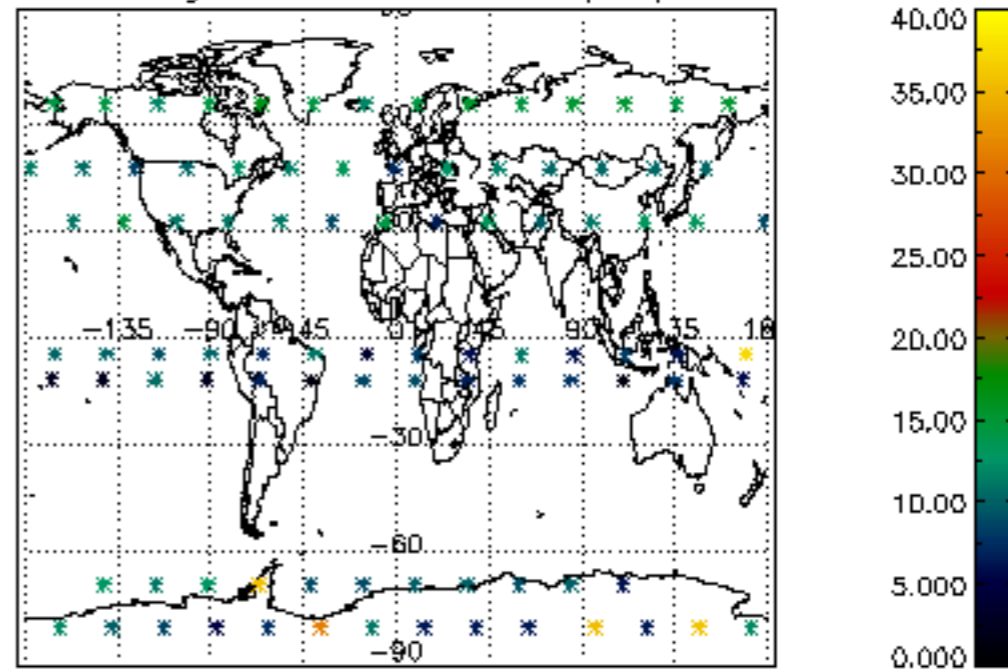
Percentage of datation errors per profile

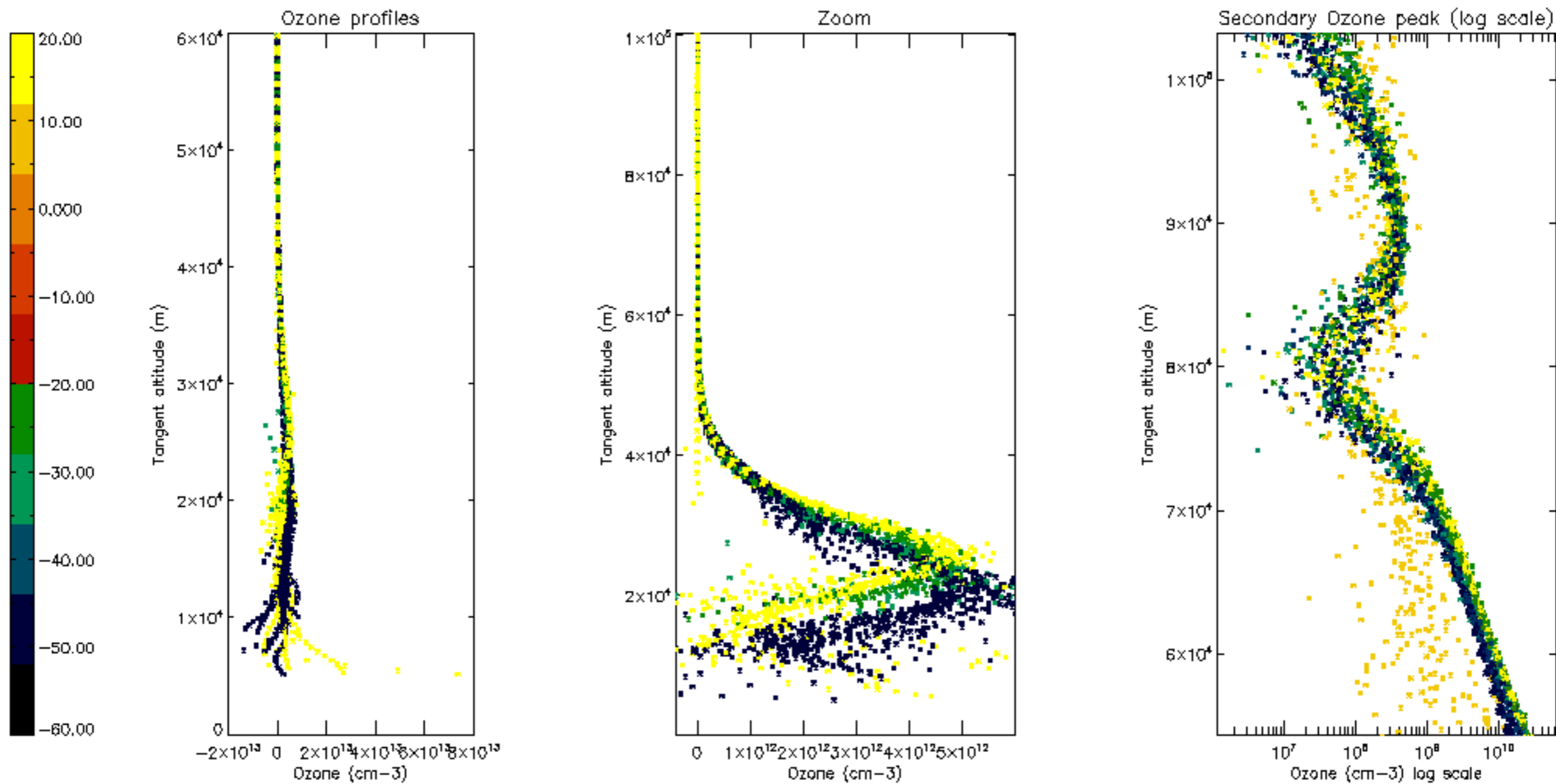


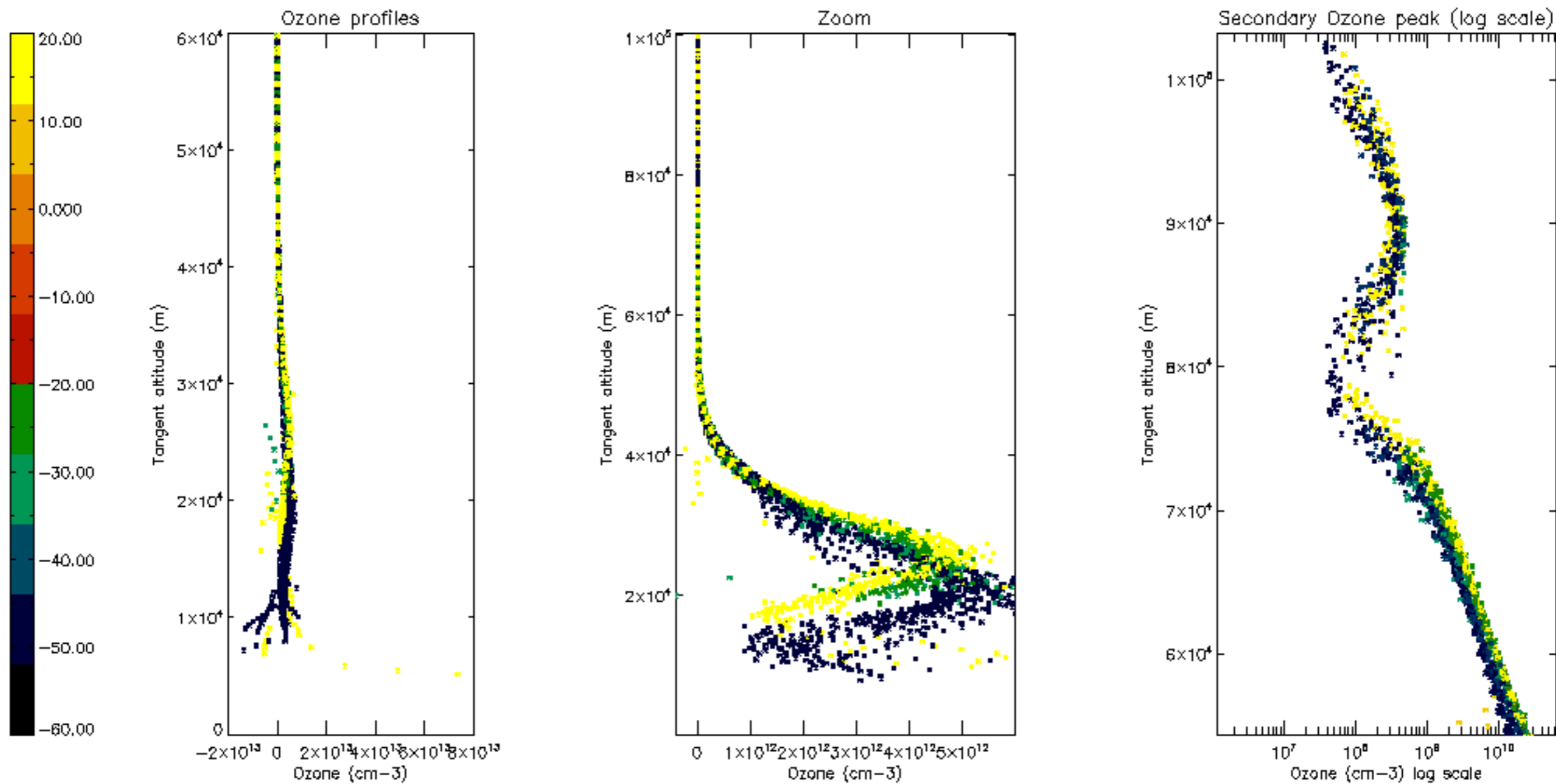
Percentage of star falling outside central band per profile

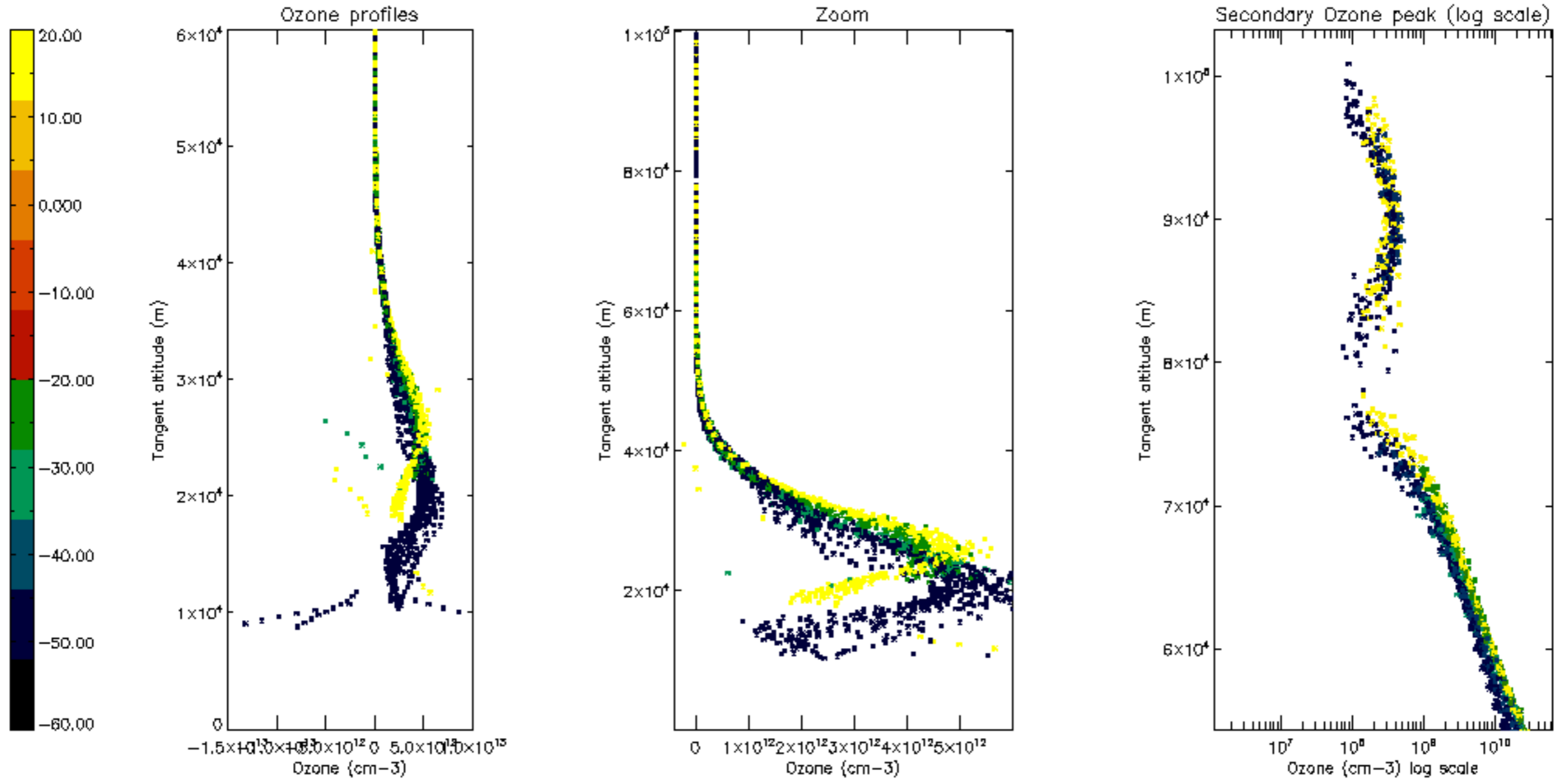


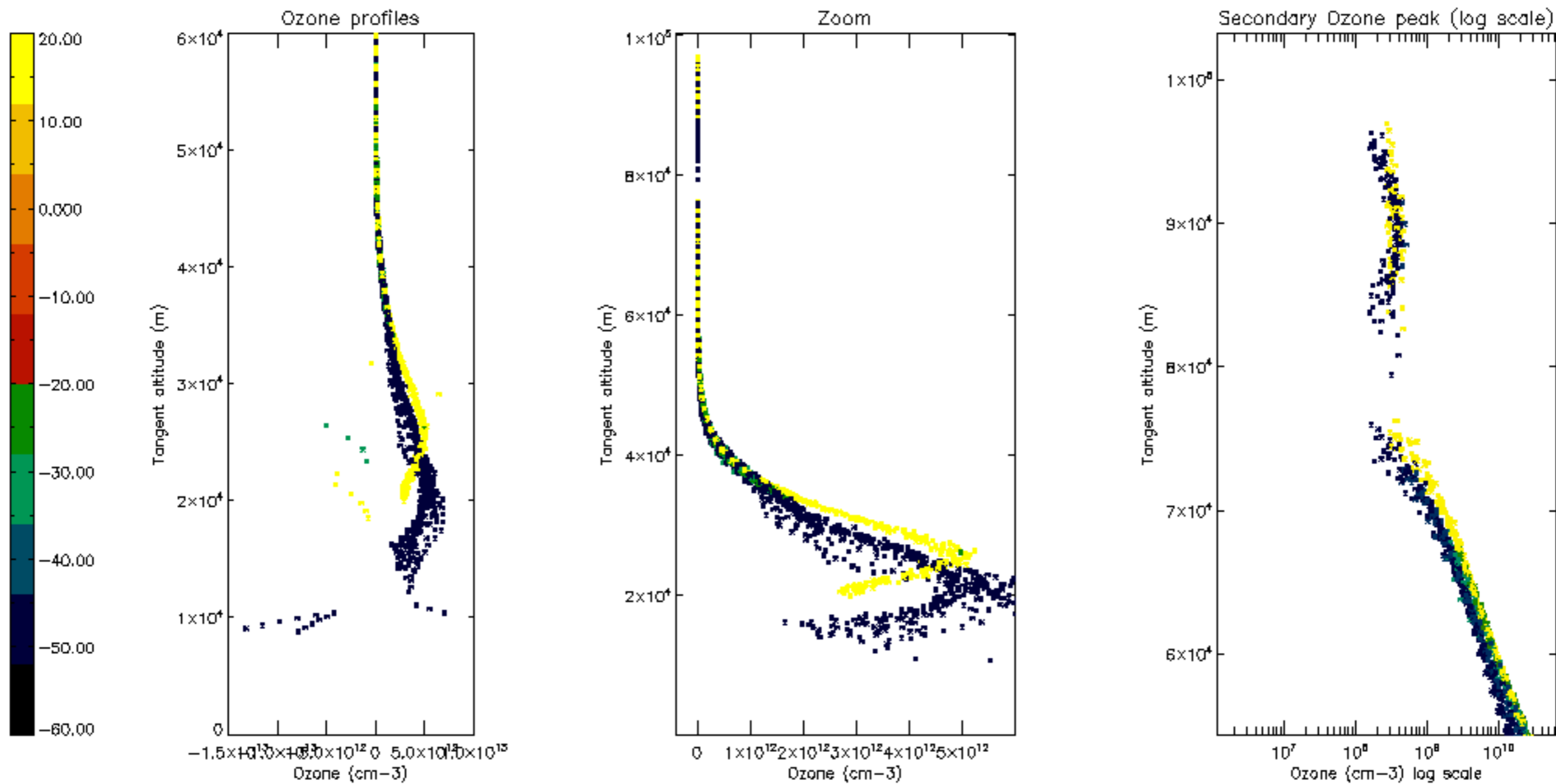
Percentage of saturation errors per profile

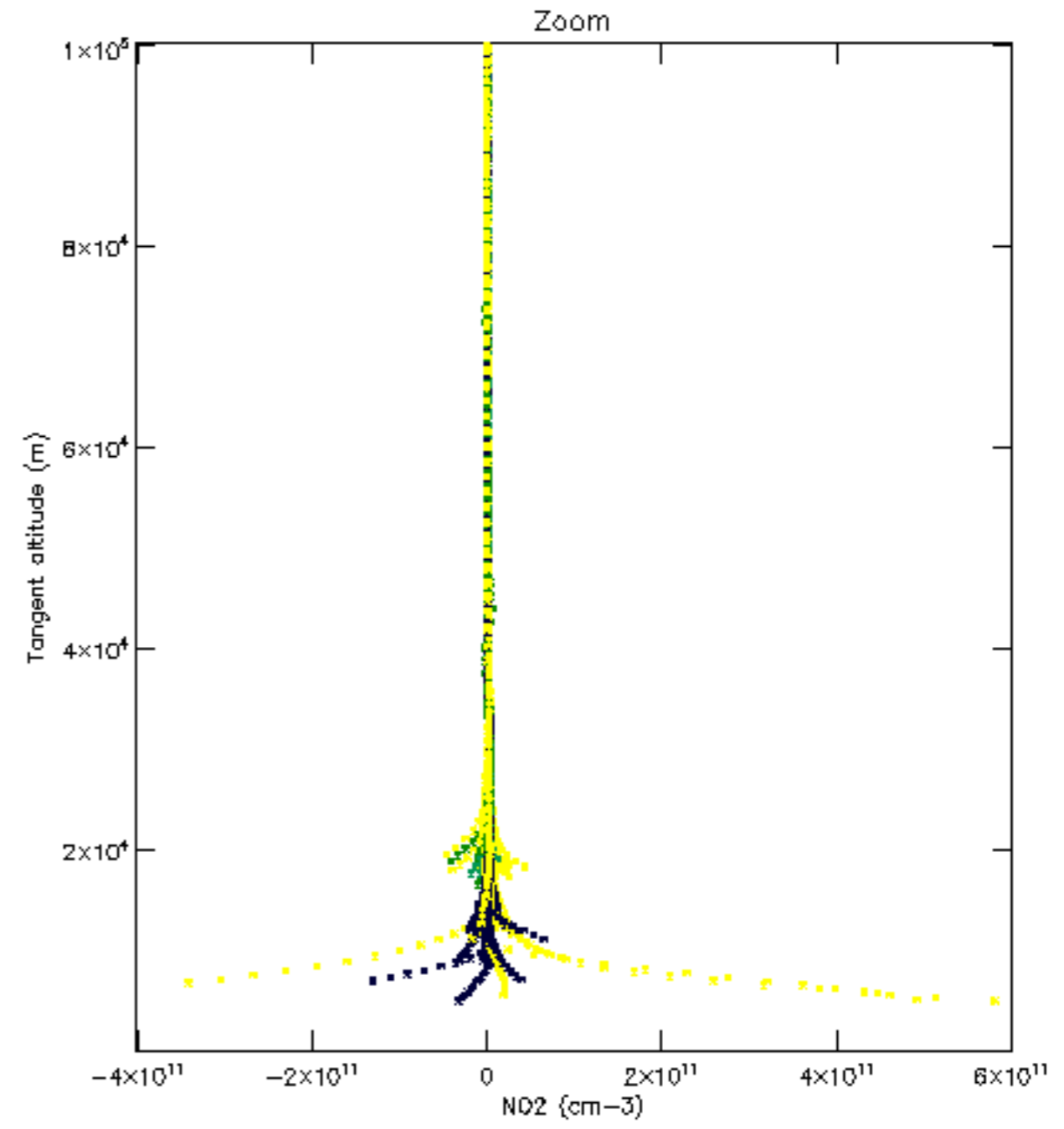
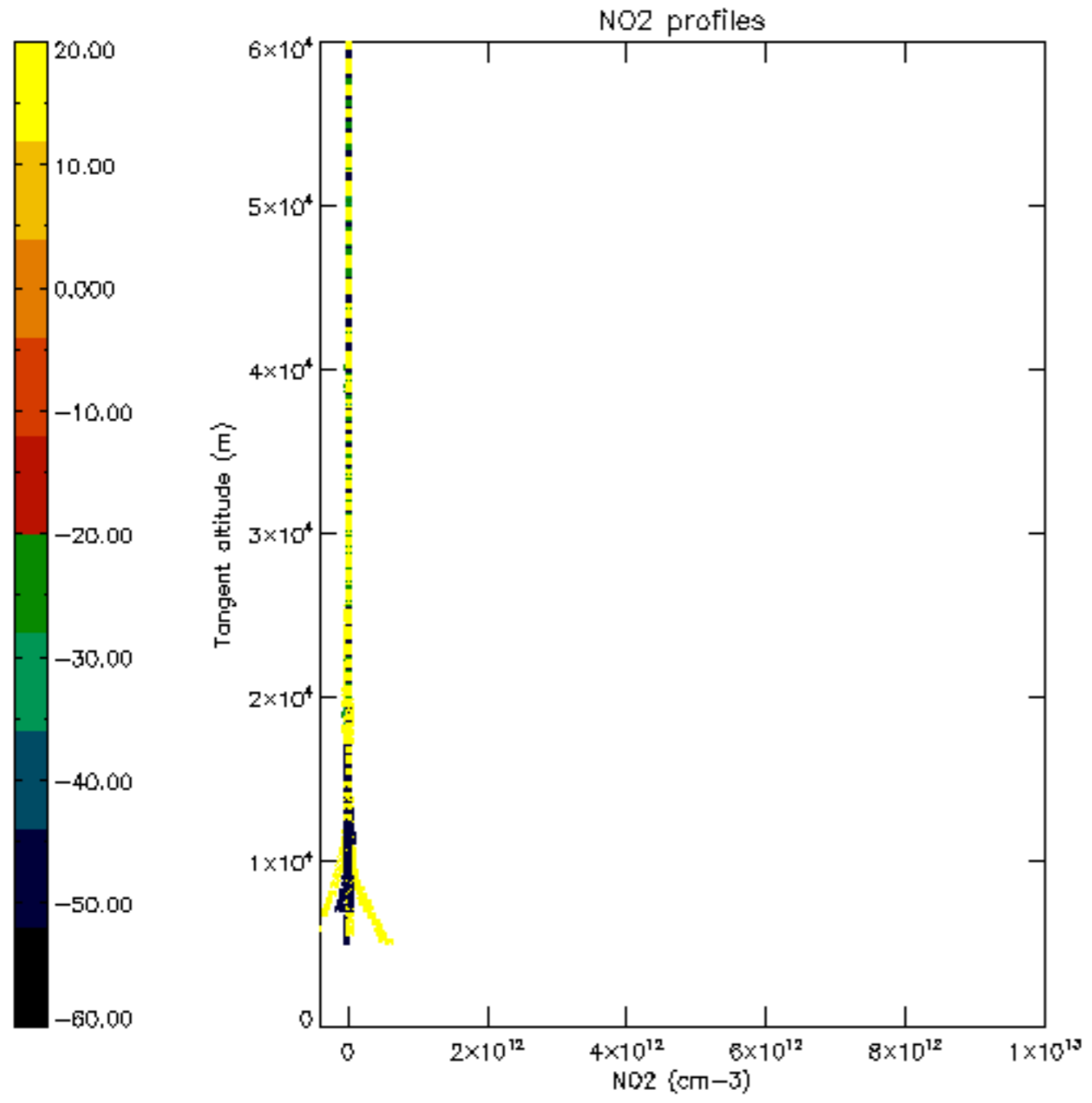


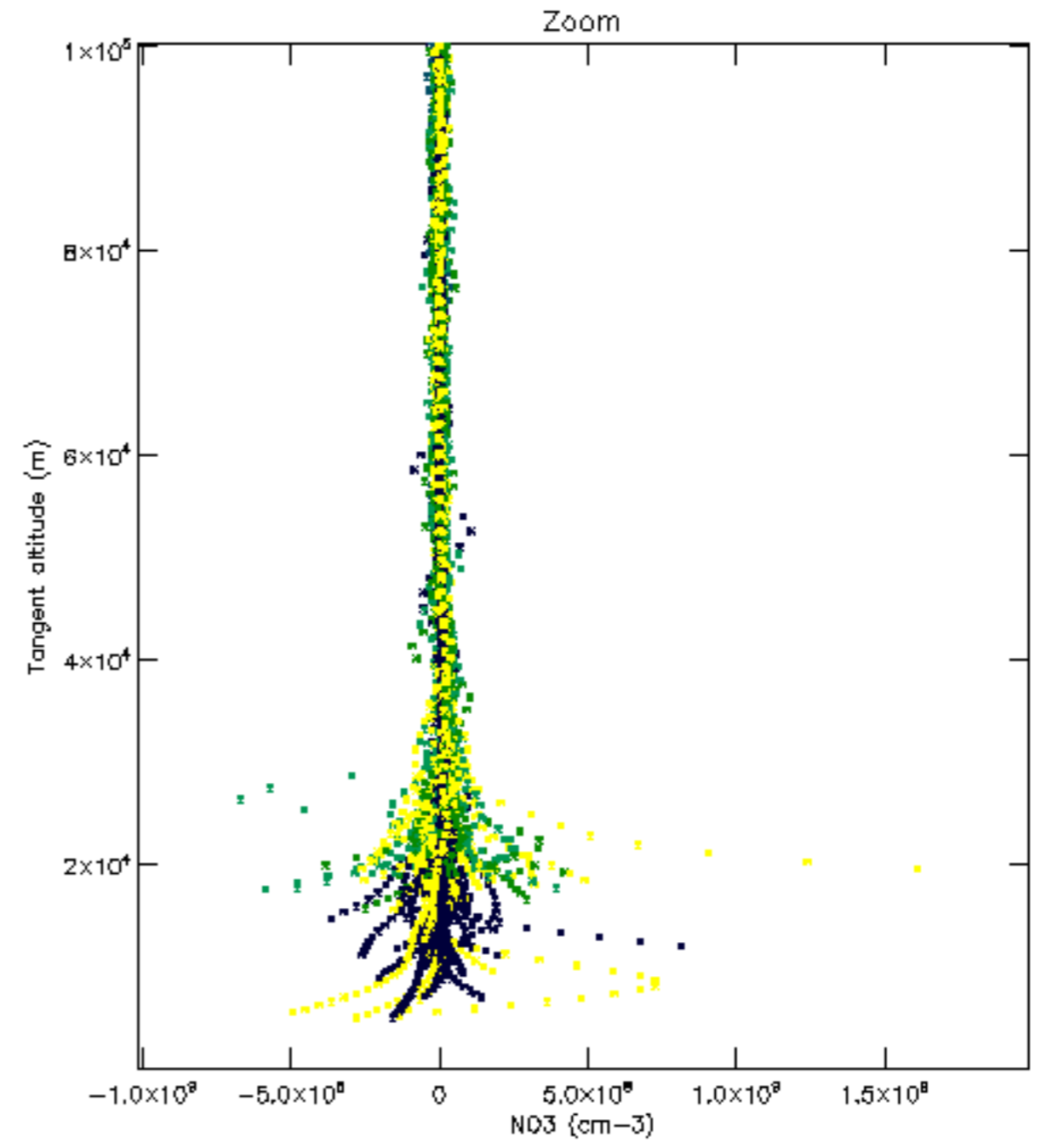
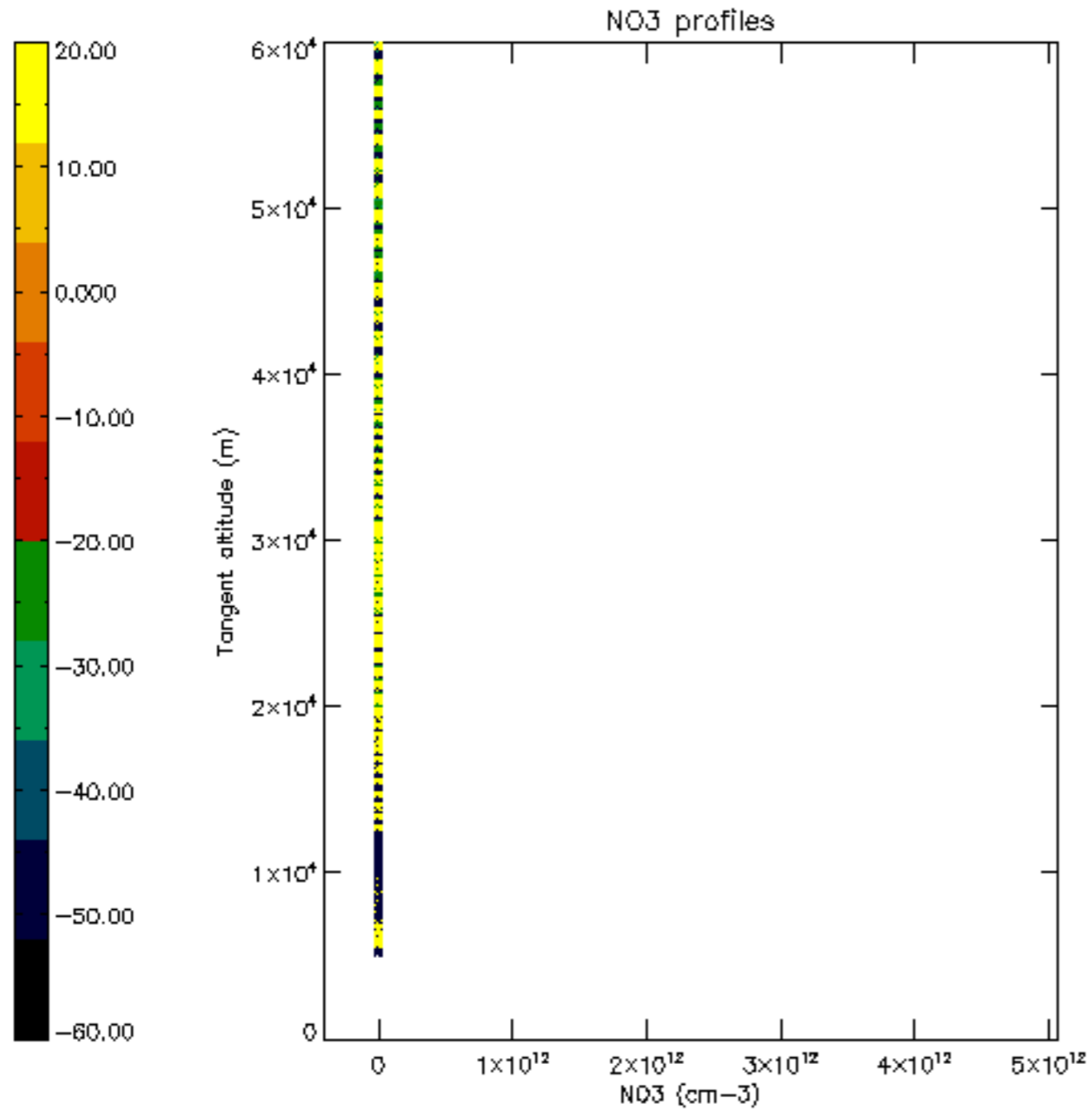


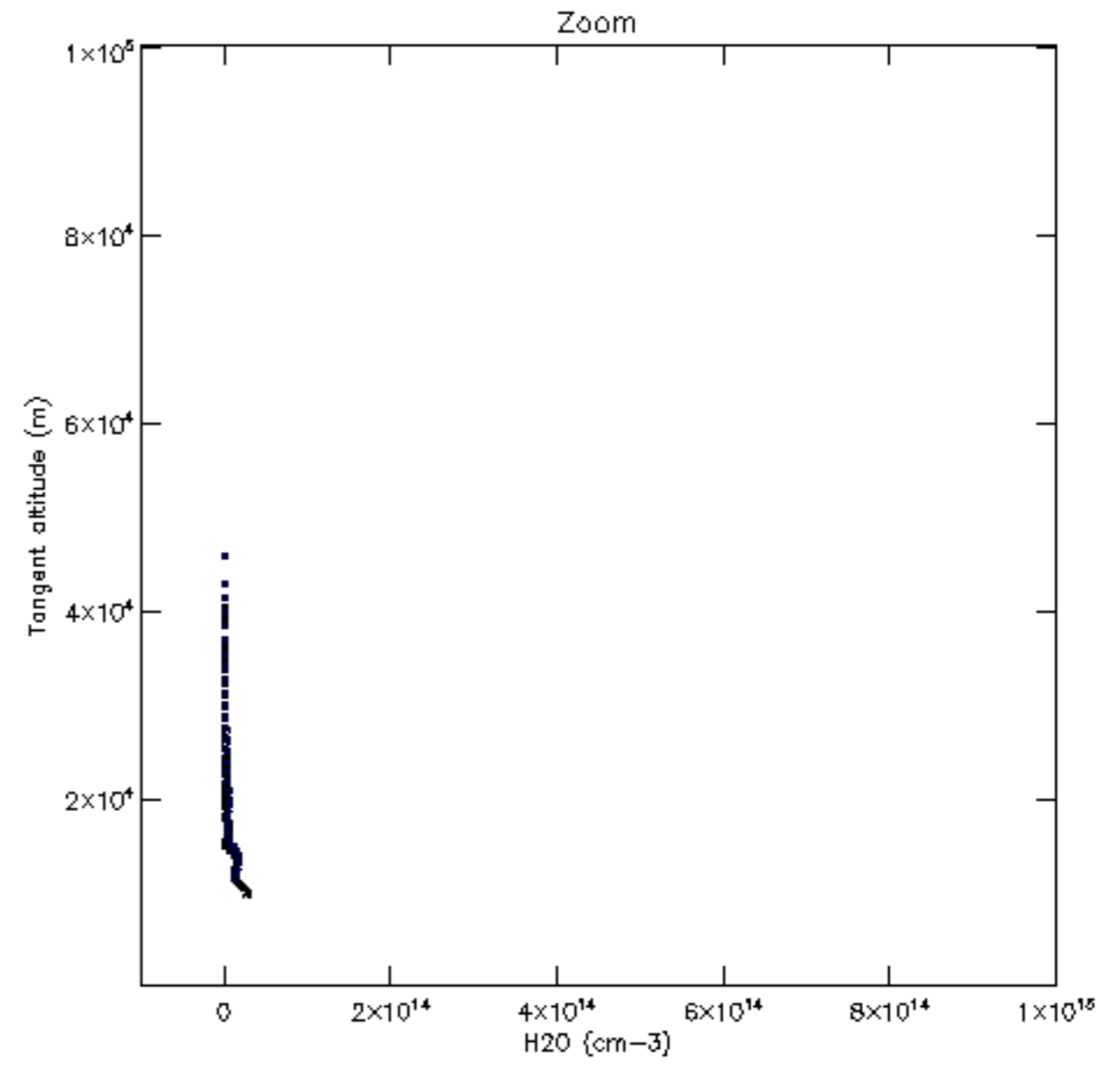
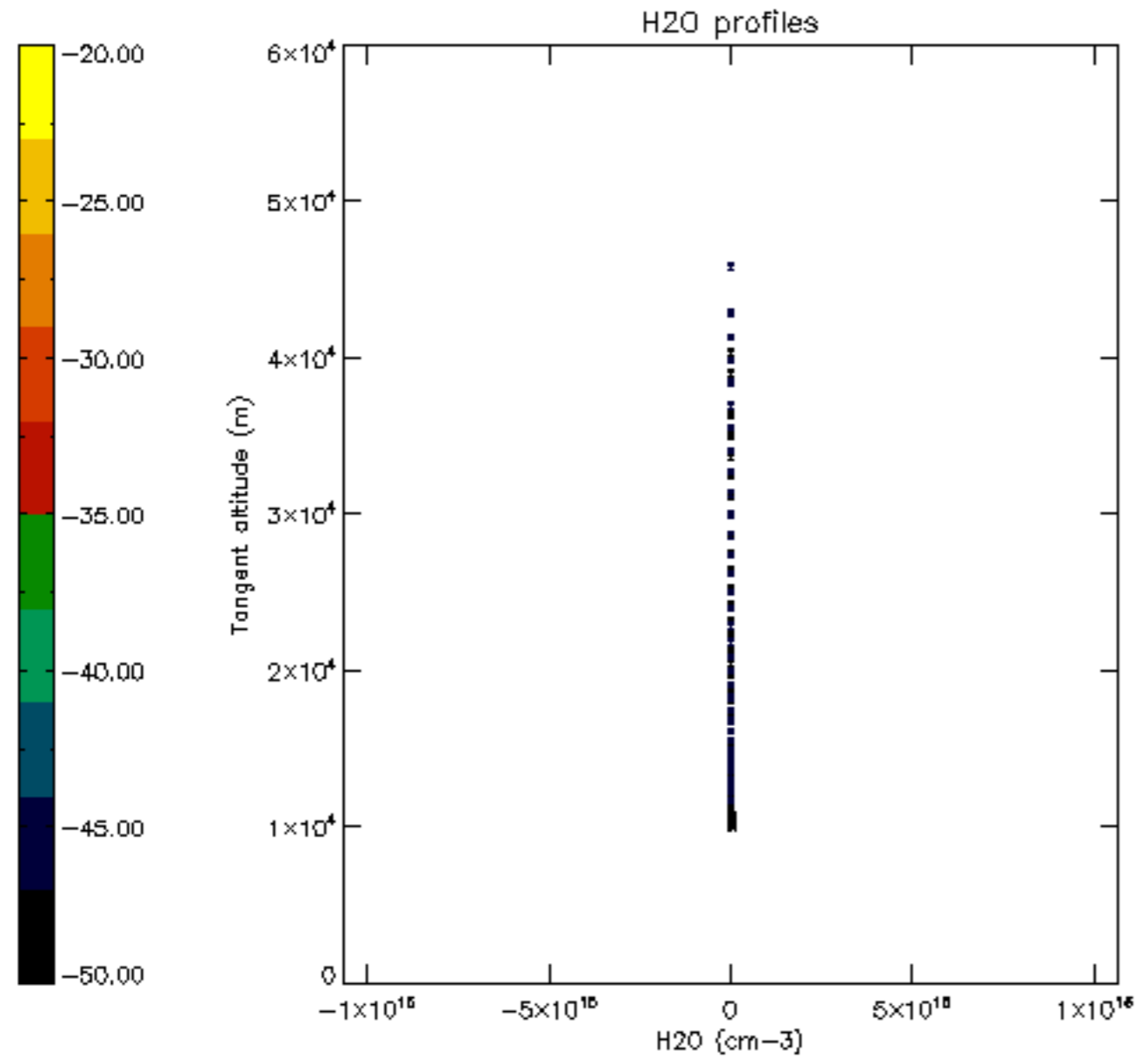


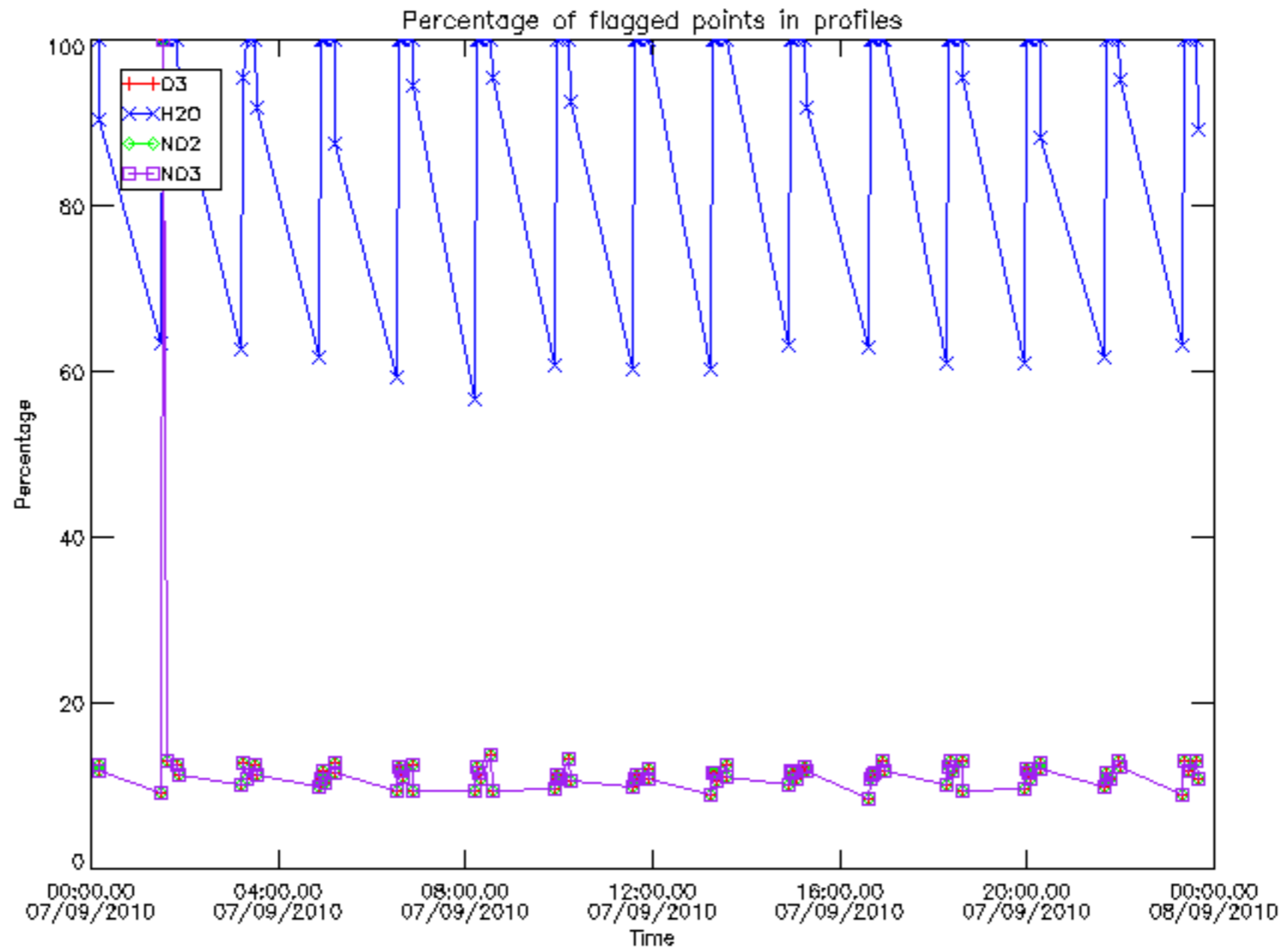




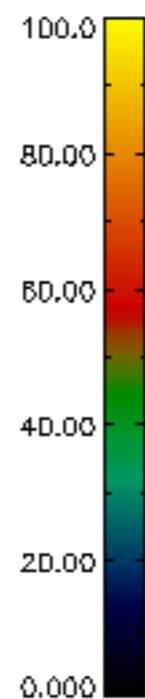
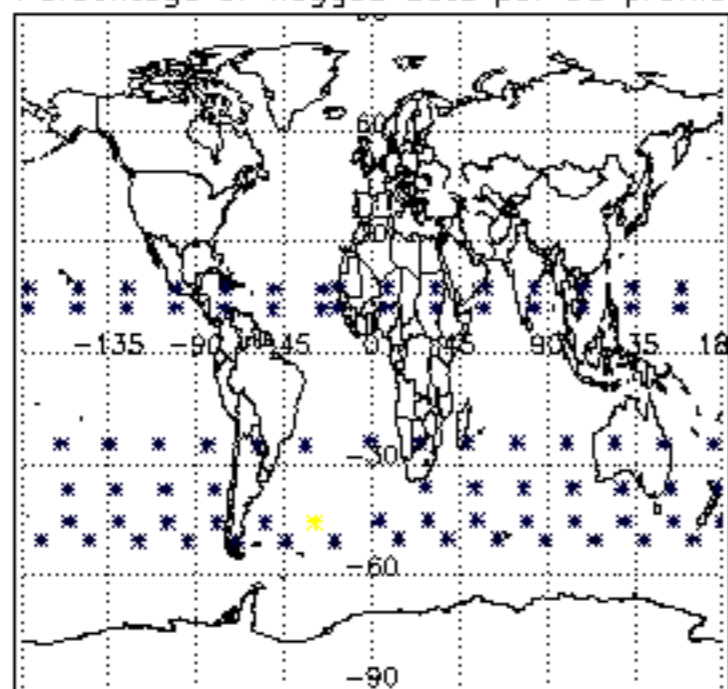




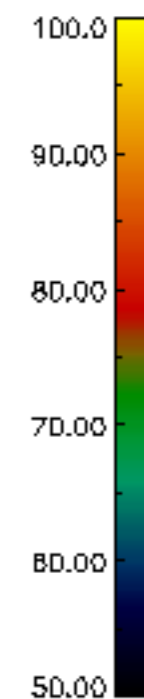
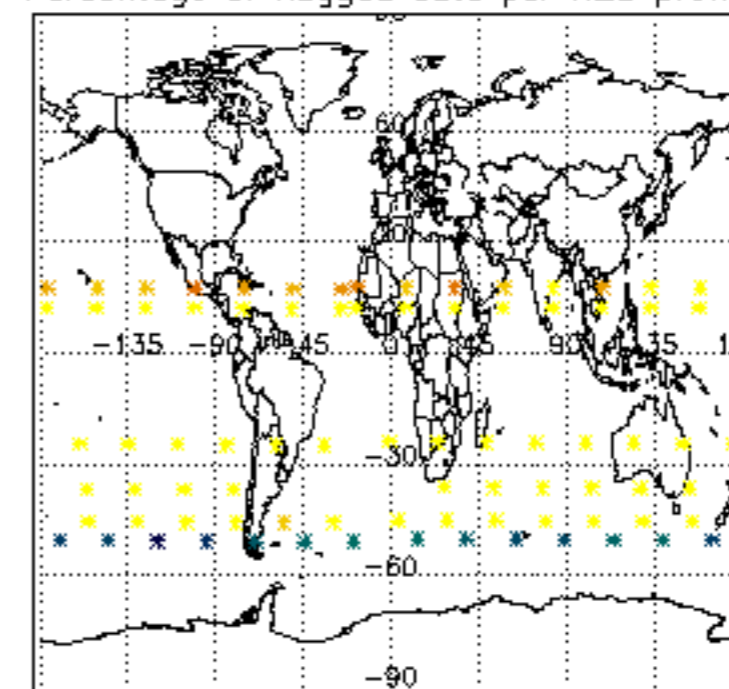




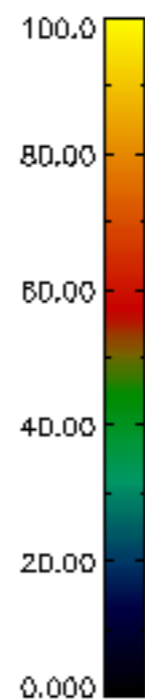
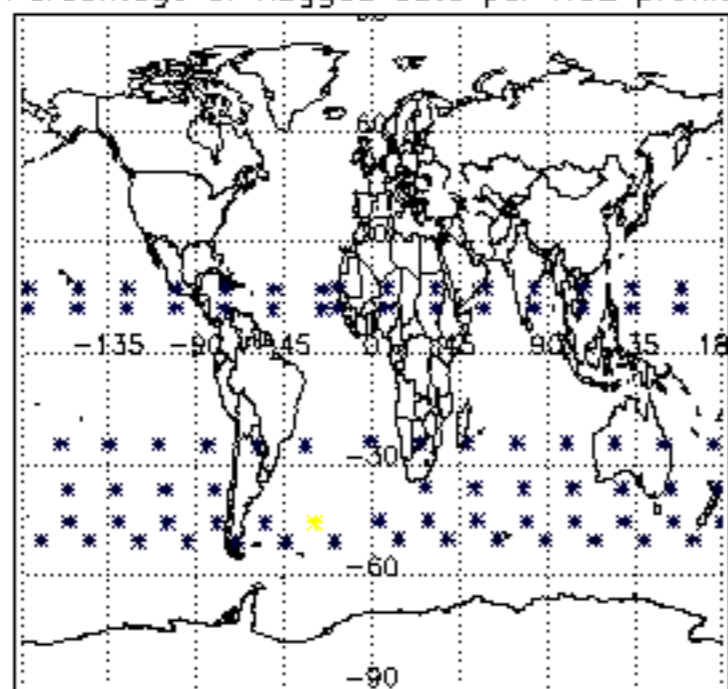
Percentage of flagged data per D3 profile



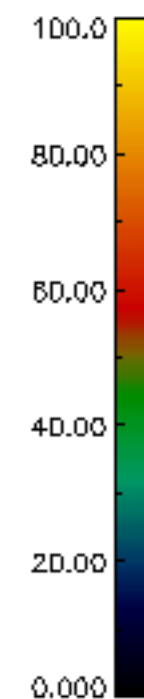
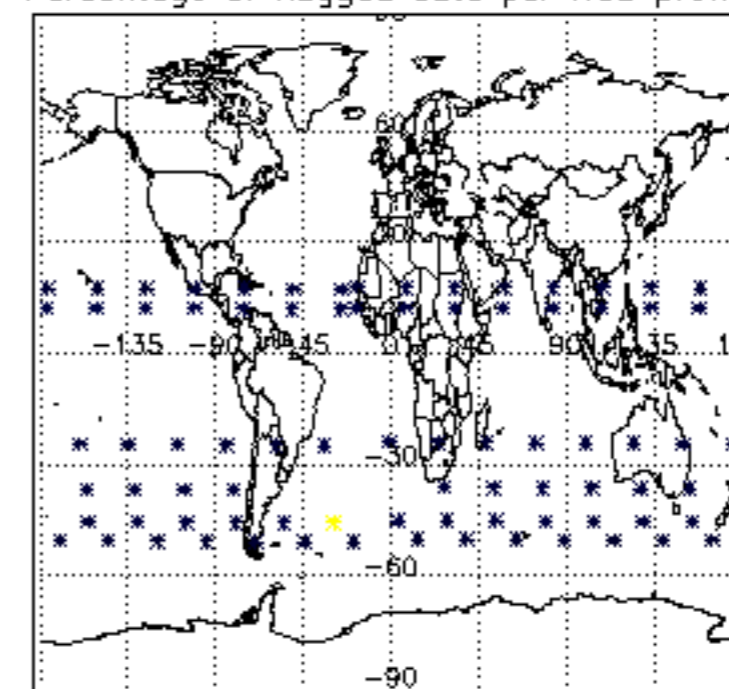
Percentage of flagged data per H2O profile

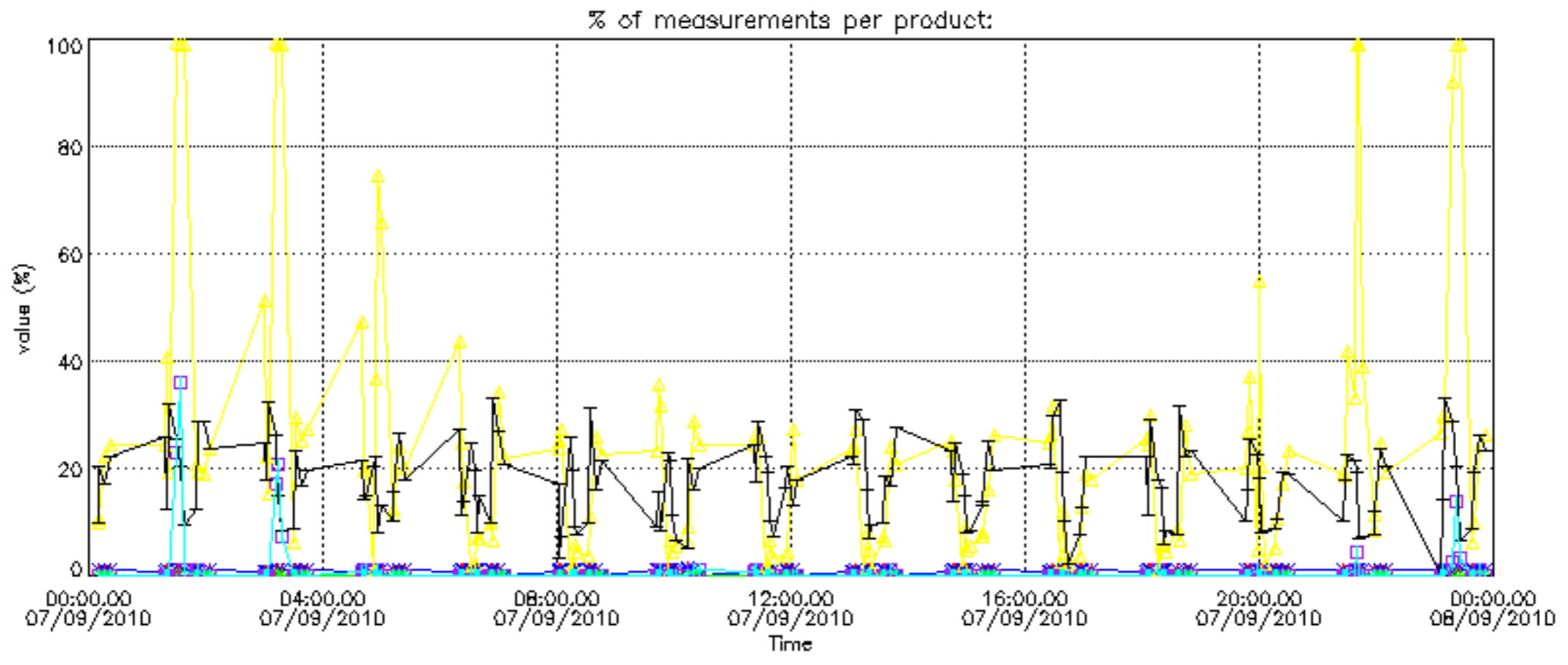


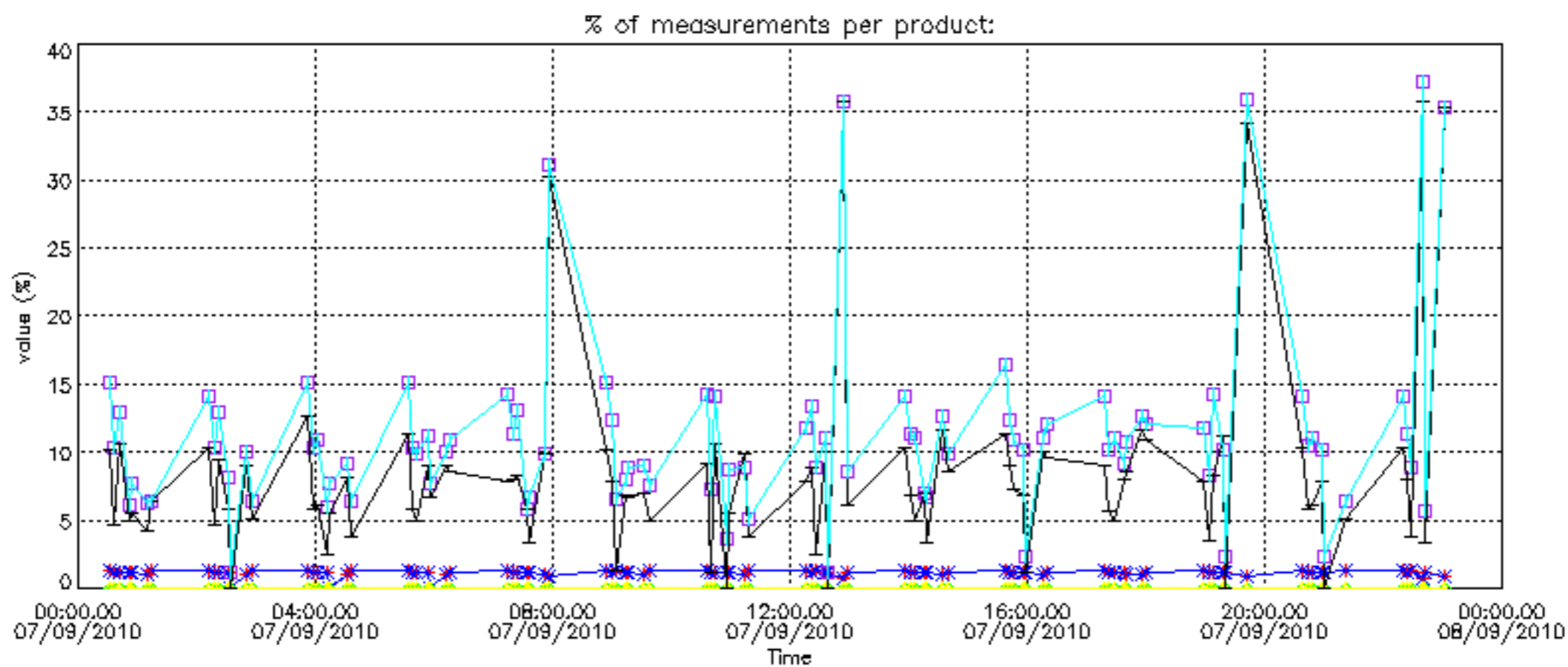
Percentage of flagged data per NO2 profile



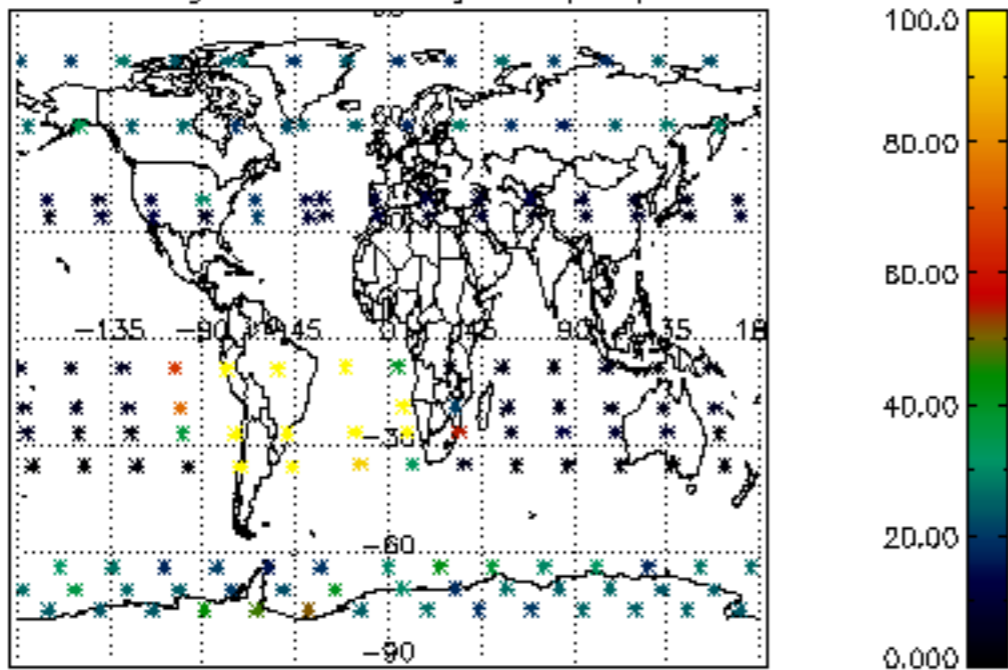
Percentage of flagged data per NO3 profile



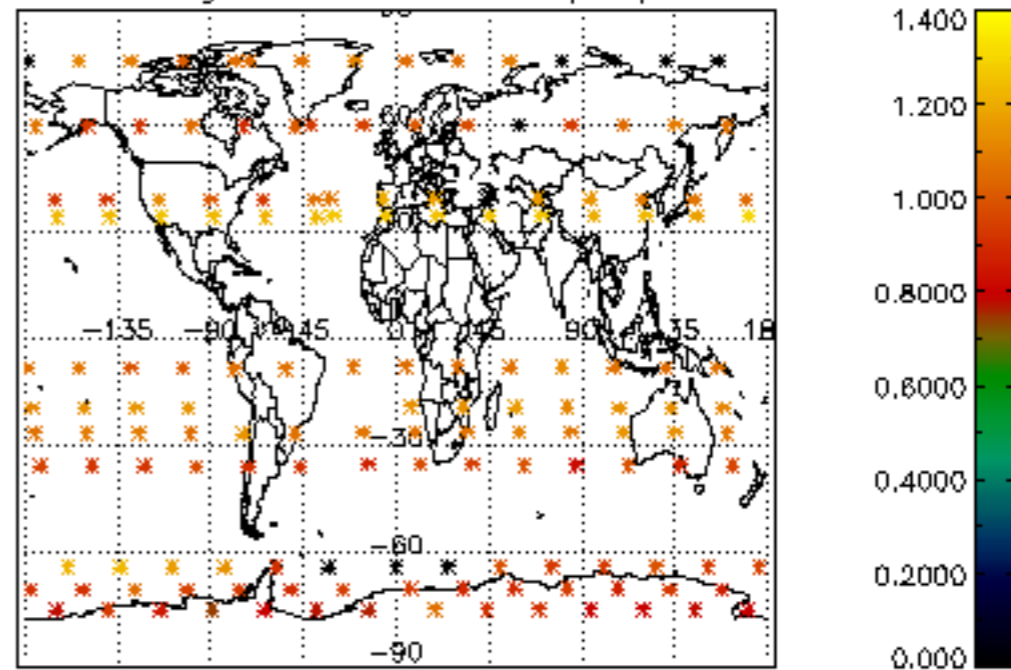




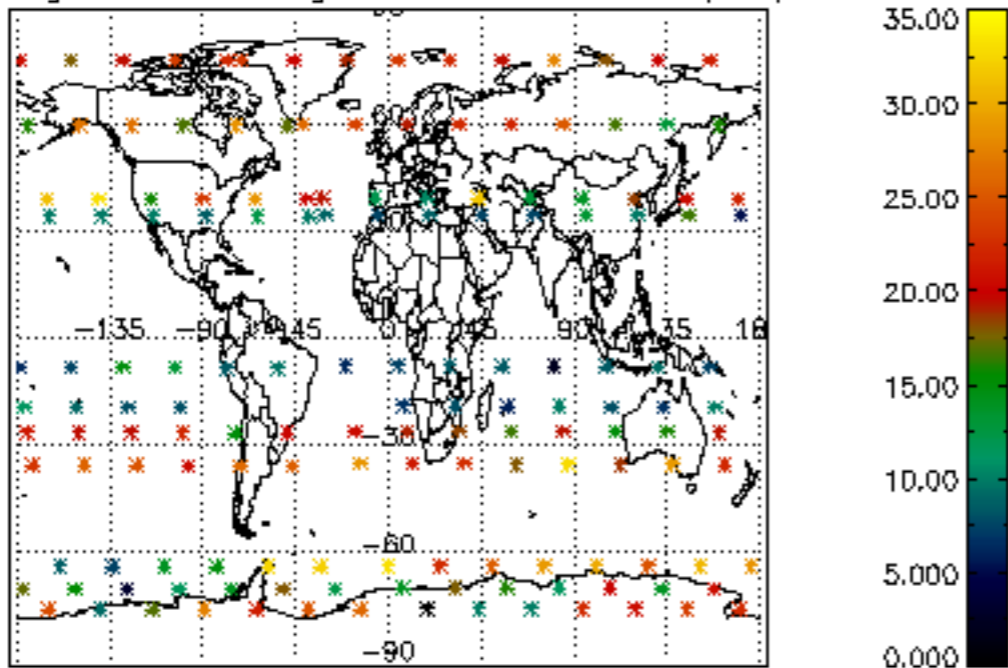
Percentage of cosmic ray hits per profile



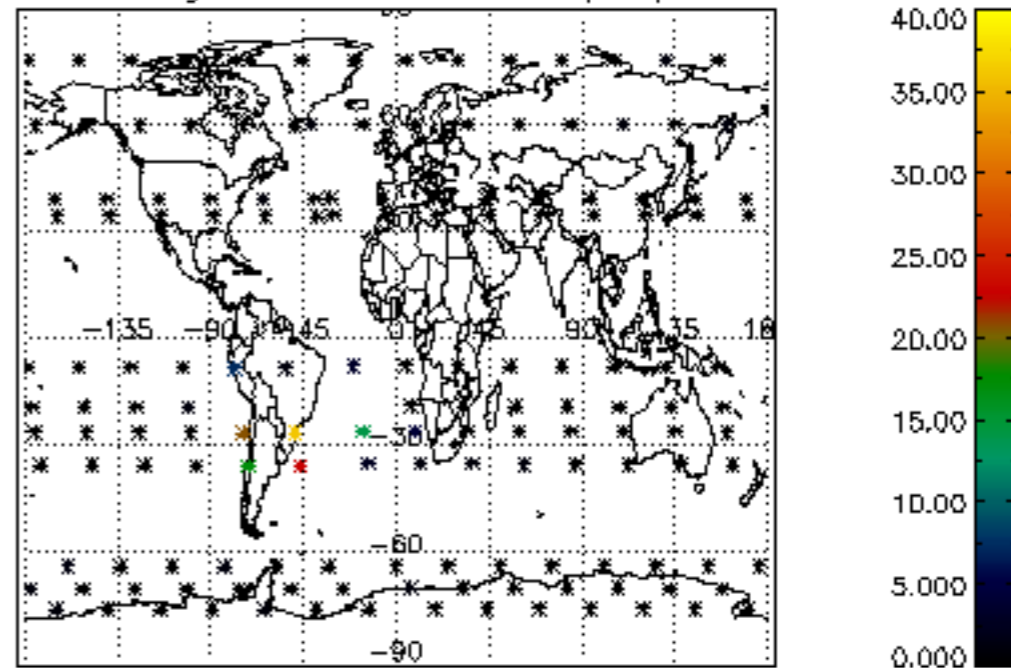
Percentage of datation errors per profile



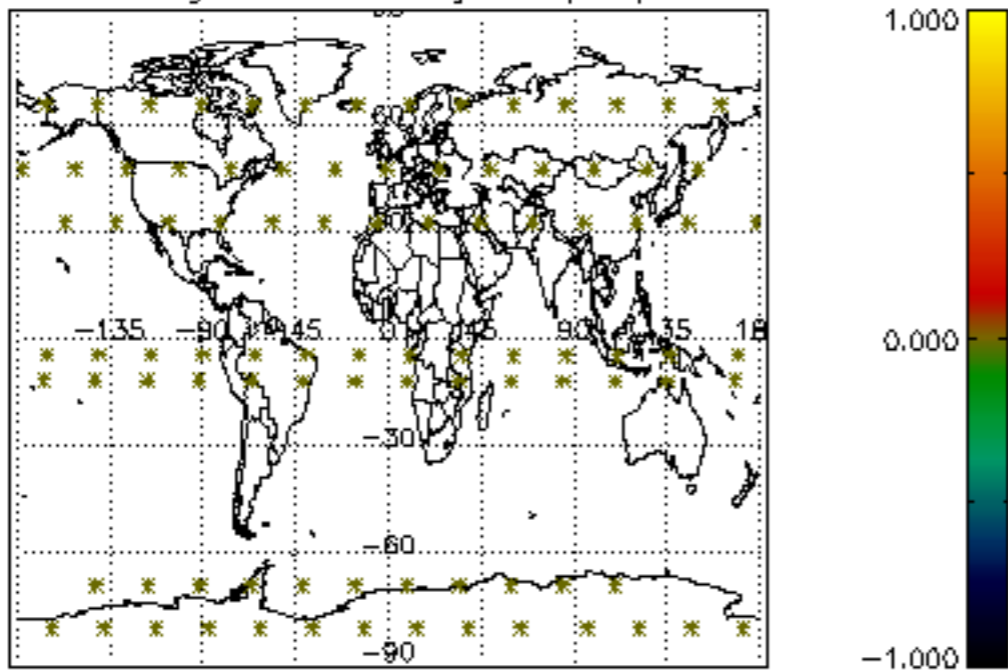
Percentage of star falling outside central band per profile



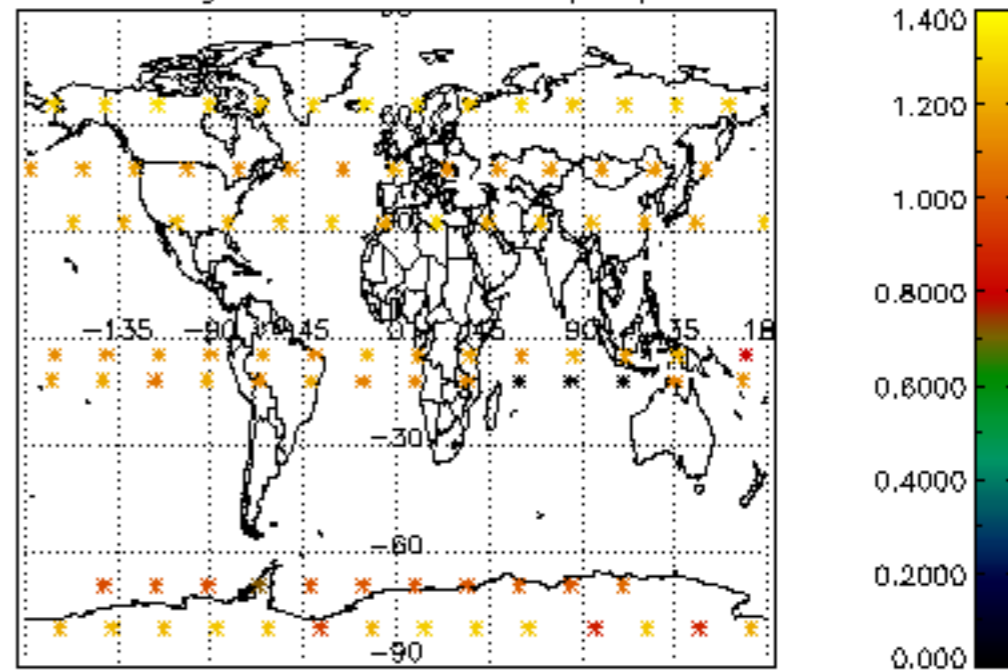
Percentage of saturation errors per profile



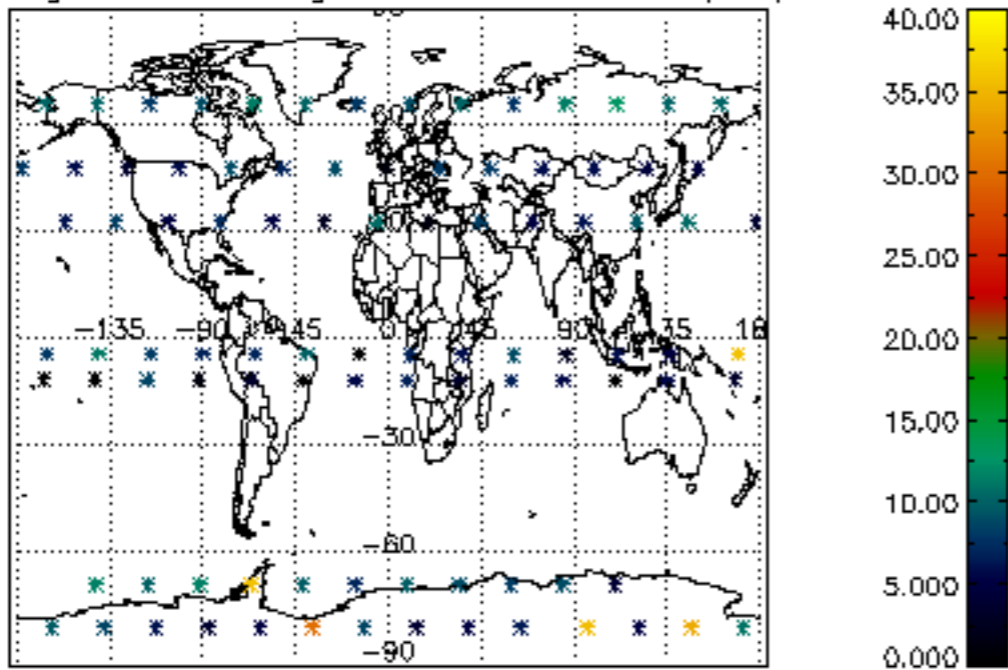
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

