

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 14:55:01
Data source version	GOMOS/6.01
Start time of products	02-09-2010 (02SEP2010 00:00:00)
Stop time of products	03-09-2010 (03SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	251
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__2PRFIN20100902_000633_000000392092_00331_44473_0721.N1	02-SEP-2010 00:06:33	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44473	No
2	GOM_NL__2PRFIN20100902_000915_000000442092_00331_44473_0722.N1	02-SEP-2010 00:09:15	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44473	No
3	GOM_NL__2PRFIN20100902_001122_000000482092_00331_44473_0723.N1	02-SEP-2010 00:11:22	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44473	No
4	GOM_NL__2PRFIN20100902_002705_000000472092_00331_44473_0724.N1	02-SEP-2010 00:27:05	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	44473	No
5	GOM_NL__2PRFIN20100902_003112_000000472092_00331_44473_0725.N1	02-SEP-2010 00:31:12	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	44473	No
6	GOM_NL__2PRFIN20100902_003508_000000652092_00331_44473_0726.N1	02-SEP-2010 00:35:08	Twilight	64.500	151	13Mu Gem	2.8900	3000.0	129	44473	No
7	GOM_NL__2PRFIN20100902_003655_000000532092_00331_44473_0727.N1	02-SEP-2010 00:36:55	Twilight	52.500	44	24Gam Gem	1.9280	11000.	105	44473	No
8	GOM_NL__2PRFIN20100902_003856_000000462092_00331_44473_0728.N1	02-SEP-2010 00:38:56	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	44473	No
9	GOM_NL__2PRFIN20100902_004639_000000512092_00331_44473_0729.N1	02-SEP-2010 00:46:39	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	44473	No
10	GOM_NL__2PRFIN20100902_004923_000000442092_00331_44473_0730.N1	02-SEP-2010 00:49:23	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	44473	No
11	GOM_NL__2PRFIN20100902_005053_000000552092_00331_44473_0731.N1	02-SEP-2010 00:50:53	Dark	54.500	101	11Alp Lep	2.5820	7000.0	109	44473	No
12	GOM_NL__2PRFIN20100902_010628_000000392092_00332_44474_0724.N1	02-SEP-2010 01:06:28	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	44474	No
13	GOM_NL__2PRFIN20100902_010745_000000462092_00332_44474_0725.N1	02-SEP-2010 01:07:45	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44474	No
14	GOM_NL__2PRFIN20100902_011343_000000502092_00332_44474_0726.N1	02-SEP-2010 01:13:43	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	44474	No
15	GOM_NL__2PRFIN20100902_011946_000000492092_00332_44474_0727.N1	02-SEP-2010 01:19:46	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44474	No
16	GOM_NL__2PRFIN20100902_012909_000000402092_00332_44474_0728.N1	02-SEP-2010 01:29:09	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44474	No
17	GOM_NL__2PRFIN20100902_013209_000000402092_00332_44474_0729.N1	02-SEP-2010 01:32:09	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44474	No
18	GOM_NL__2PRFIN20100902_013458_000000472092_00332_44474_0730.N1	02-SEP-2010 01:34:58	Bright	46.500	90	54Alp Peg	2.4870	11000.	93	44474	No
19	GOM_NL__2PRFIN20100902_013910_000000462092_00332_44474_0731.N1	02-SEP-2010 01:39:10	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	44474	No
20	GOM_NL__2PRFIN20100902_014708_000000362092_00332_44474_0732.N1	02-SEP-2010 01:47:08	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	44474	No
21	GOM_NL__2PRFIN20100902_014950_000000442092_00332_44474_0733.N1	02-SEP-2010 01:49:50	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44474	No
22	GOM_NL__2PRFIN20100902_015157_000000462092_00332_44474_0734.N1	02-SEP-2010 01:51:57	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44474	No
23	GOM_NL__2PRFIN20100902_020741_000000482092_00332_44474_0735.N1	02-SEP-2010 02:07:41	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	44474	No
24	GOM_NL__2PRFIN20100902_021032_000000482092_00332_44474_0736.N1	02-SEP-2010 02:10:32	Bright	47.500	107	37The Aur	2.6490	11000.	95	44474	No
25	GOM_NL__2PRFIN20100902_021251_000000542092_00332_44474_0737.N1	02-SEP-2010 02:12:51	Bright	54.000	17	78Bet Gem	1.1610	4500.0	108	44474	No
26	GOM_NL__2PRFIN20100902_021544_000000582092_00332_44474_0738.N1	02-SEP-2010 02:15:44	Twilight	57.500	151	13Mu Gem	2.8900	3000.0	115	44474	No
27	GOM_NL__2PRFIN20100902_021731_000000492092_00332_44474_0739.N1	02-SEP-2010 02:17:31	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	44474	No
28	GOM_NL__2PRFIN20100902_021933_000000532092_00332_44474_0740.N1	02-SEP-2010 02:19:33	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	44474	No
29	GOM_NL__2PRFIN20100902_022716_000000532092_00332_44474_0741.N1	02-SEP-2010 02:27:16	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	44474	No
30	GOM_NL__2PRFIN20100902_023000_000000442092_00332_44474_0742.N1	02-SEP-2010 02:30:00	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	44474	No
31	GOM_NL__2PRFIN20100902_024704_000000402092_00333_44475_0737.N1	02-SEP-2010 02:47:04	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44475	No
32	GOM_NL__2PRFIN20100902_024821_000000472092_00333_44475_0738.N1	02-SEP-2010 02:48:21	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44475	No
33	GOM_NL__2PRFIN20100902_025419_000000472092_00333_44475_0739.N1	02-SEP-2010 02:54:19	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	44475	No
34	GOM_NL__2PRFIN20100902_030023_000000522092_00333_44475_0740.N1	02-SEP-2010 03:00:23	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	44475	No
35	GOM_NL__2PRFIN20100902_030945_000000412092_00333_44475_0741.N1	02-SEP-2010 03:09:45	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44475	No
36	GOM_NL__2PRFIN20100902_031244_000000432092_00333_44475_0742.N1	02-SEP-2010 03:12:44	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	44475	No
37	GOM_NL__2PRFIN20100902_031534_000000502092_00333_44475_0743.N1	02-SEP-2010 03:15:34	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	44475	No
38	GOM_NL__2PRFIN20100902_031946_000000462092_00333_44475_0744.N1	02-SEP-2010 03:19:46	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	44475	No
39	GOM_NL__2PRFIN20100902_032745_000000362092_00333_44475_0745.N1	02-SEP-2010 03:27:45	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	44475	No
40	GOM_NL__2PRFIN20100902_033026_000000412092_00333_44475_0746.N1	02-SEP-2010 03:30:26	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44475	No
41	GOM_NL__2PRFIN20100902_033233_000000462092_00333_44475_0747.N1	02-SEP-2010 03:32:33	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44475	No
42	GOM_NL__2PRFIN20100902_034816_000000462092_00333_44475_0748.N1	02-SEP-2010 03:48:16	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44475	No

43	GOM_NL__2PRFIN20100902_035109_000000522092_00333_44475_0749.N1	02-SEP-2010 03:51:09	Bright	52.000	107	37The Aur	2.6490	11000.	104	44475	No
44	GOM_NL__2PRFIN20100902_035327_000000402092_00333_44475_0750.N1	02-SEP-2010 03:53:27	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	44475	No
45	GOM_NL__2PRFIN20100902_035621_000000642092_00333_44475_0751.N1	02-SEP-2010 03:56:21	Twilight	63.500	151	13Mu Gem	2.8900	3000.0	127	44475	No
46	GOM_NL__2PRFIN20100902_035807_000000492092_00333_44475_0752.N1	02-SEP-2010 03:58:07	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	44475	No
47	GOM_NL__2PRFIN20100902_040009_000000472092_00333_44475_0753.N1	02-SEP-2010 04:00:09	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	44475	No
48	GOM_NL__2PRFIN20100902_040752_000000492092_00333_44475_0754.N1	02-SEP-2010 04:07:52	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	44475	No
49	GOM_NL__2PRFIN20100902_041036_000000432092_00333_44475_0755.N1	02-SEP-2010 04:10:36	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	44475	No
50	GOM_NL__2PRFIN20100902_041207_000000562092_00333_44475_0756.N1	02-SEP-2010 04:12:07	Dark	55.500	101	11Alp Lep	2.5820	7000.0	111	44475	No
51	GOM_NL__2PRFIN20100902_042741_000000412092_00334_44476_0748.N1	02-SEP-2010 04:27:41	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44476	No
52	GOM_NL__2PRFIN20100902_042858_000000452092_00334_44476_0749.N1	02-SEP-2010 04:28:58	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44476	No
53	GOM_NL__2PRFIN20100902_043456_000000512092_00334_44476_0750.N1	02-SEP-2010 04:34:56	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44476	No
54	GOM_NL__2PRFIN20100902_044059_000000482092_00334_44476_0751.N1	02-SEP-2010 04:40:59	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44476	No
55	GOM_NL__2PRFIN20100902_045021_000000412092_00334_44476_0752.N1	02-SEP-2010 04:50:21	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	44476	No
56	GOM_NL__2PRFIN20100902_045321_000000412092_00334_44476_0753.N1	02-SEP-2010 04:53:21	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	44476	No
57	GOM_NL__2PRFIN20100902_045609_000000472092_00334_44476_0754.N1	02-SEP-2010 04:56:09	Bright	47.000	90	54Alp Peg	2.4870	11000.	94	44476	No
58	GOM_NL__2PRFIN20100902_050021_000000442092_00334_44476_0755.N1	02-SEP-2010 05:00:21	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	44476	No
59	GOM_NL__2PRFIN20100902_050820_000000372092_00334_44476_0756.N1	02-SEP-2010 05:08:20	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	44476	No
60	GOM_NL__2PRFIN20100902_051101_000000462092_00334_44476_0757.N1	02-SEP-2010 05:11:01	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44476	No
61	GOM_NL__2PRFIN20100902_051308_000000462092_00334_44476_0758.N1	02-SEP-2010 05:13:08	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44476	No
62	GOM_NL__2PRFIN20100902_052852_000000462092_00334_44476_0759.N1	02-SEP-2010 05:28:52	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44476	No
63	GOM_NL__2PRFIN20100902_053144_000000492092_00334_44476_0760.N1	02-SEP-2010 05:31:44	Bright	49.000	107	37The Aur	2.6490	11000.	98	44476	No
64	GOM_NL__2PRFIN20100902_053403_000000402092_00334_44476_0761.N1	02-SEP-2010 05:34:03	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	44476	No
65	GOM_NL__2PRFIN20100902_053657_000000632092_00334_44476_0762.N1	02-SEP-2010 05:36:57	Twilight	62.500	151	13Mu Gem	2.8900	3000.0	125	44476	No
66	GOM_NL__2PRFIN20100902_053844_000000542092_00334_44476_0763.N1	02-SEP-2010 05:38:44	Twilight	54.000	44	24Gam Gem	1.9280	11000.	108	44476	No
67	GOM_NL__2PRFIN20100902_054045_000000482092_00334_44476_0764.N1	02-SEP-2010 05:40:45	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	44476	No
68	GOM_NL__2PRFIN20100902_054829_000000542092_00334_44476_0765.N1	02-SEP-2010 05:48:29	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	44476	No
69	GOM_NL__2PRFIN20100902_055113_000000462092_00334_44476_0766.N1	02-SEP-2010 05:51:13	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	44476	No
70	GOM_NL__2PRFIN20100902_055244_000000562092_00334_44476_0767.N1	02-SEP-2010 05:52:44	Dark	55.500	101	11Alp Lep	2.5820	7000.0	111	44476	No
71	GOM_NL__2PRFIN20100902_060817_000000412092_00335_44477_0759.N1	02-SEP-2010 06:08:17	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44477	No
72	GOM_NL__2PRFIN20100902_060935_000000462092_00335_44477_0760.N1	02-SEP-2010 06:09:35	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44477	No
73	GOM_NL__2PRFIN20100902_061532_000000502092_00335_44477_0761.N1	02-SEP-2010 06:15:32	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	44477	No
74	GOM_NL__2PRFIN20100902_062135_000000502092_00335_44477_0762.N1	02-SEP-2010 06:21:35	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	44477	No
75	GOM_NL__2PRFIN20100902_063057_000000412092_00335_44477_0763.N1	02-SEP-2010 06:30:57	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44477	No
76	GOM_NL__2PRFIN20100902_063356_000000412092_00335_44477_0764.N1	02-SEP-2010 06:33:56	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	44477	No
77	GOM_NL__2PRFIN20100902_063645_000000482092_00335_44477_0765.N1	02-SEP-2010 06:36:45	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	44477	No
78	GOM_NL__2PRFIN20100902_064057_000000422092_00335_44477_0766.N1	02-SEP-2010 06:40:57	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	44477	No
79	GOM_NL__2PRFIN20100902_064856_000000372092_00335_44477_0767.N1	02-SEP-2010 06:48:56	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	44477	No
80	GOM_NL__2PRFIN20100902_065136_000000422092_00335_44477_0768.N1	02-SEP-2010 06:51:36	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44477	No
81	GOM_NL__2PRFIN20100902_065343_000000452092_00335_44477_0769.N1	02-SEP-2010 06:53:43	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44477	No
82	GOM_NL__2PRFIN20100902_070928_000000482092_00335_44477_0770.N1	02-SEP-2010 07:09:28	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	44477	No
83	GOM_NL__2PRFIN20100902_071220_000000492092_00335_44477_0771.N1	02-SEP-2010 07:12:20	Bright	48.500	107	37The Aur	2.6490	11000.	97	44477	No
84	GOM_NL__2PRFIN20100902_071439_000000372092_00335_44477_0772.N1	02-SEP-2010 07:14:39	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	44477	No
85	GOM_NL__2PRFIN20100902_071733_000000602092_00335_44477_0773.N1	02-SEP-2010 07:17:33	Twilight	59.500	151	13Mu Gem	2.8900	3000.0	119	44477	No
86	GOM_NL__2PRFIN20100902_071920_000000522092_00335_44477_0774.N1	02-SEP-2010 07:19:20	Twilight	51.500	44	24Gam Gem	1.9280	11000.	103	44477	No
87	GOM_NL__2PRFIN20100902_072121_000000392092_00335_44477_0775.N1	02-SEP-2010 07:21:21	Twilight	39.000	8	10Alp CMi	0.40000	6500.0	78	44477	No
88	GOM_NL__2PRFIN20100902_072905_000000512092_00335_44477_0776.N1	02-SEP-2010 07:29:05	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	44477	No
89	GOM_NL__2PRFIN20100902_073149_000000462092_00335_44477_0777.N1	02-SEP-2010 07:31:49	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	44477	No
90	GOM_NL__2PRFIN20100902_073321_000000602092_00335_44477_0778.N1	02-SEP-2010 07:33:21	Dark	59.500	101	11Alp Lep	2.5820	7000.0	119	44477	No
91	GOM_NL__2PRFIN20100902_074854_000000412092_00336_44478_0787.N1	02-SEP-2010 07:48:54	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44478	No
92	GOM_NL__2PRFIN20100902_075011_000000552092_00336_44478_0788.N1	02-SEP-2010 07:50:11	Dark	54.500	9	Alp Eri	0.45300	24000.	109	44478	No
93	GOM_NL__2PRFIN20100902_075608_000000522092_00336_44478_0789.N1	02-SEP-2010 07:56:08	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	44478	No
94	GOM_NL__2PRFIN20100902_080211_000000482092_00336_44478_0790.N1	02-SEP-2010 08:02:11	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44478	No
95	GOM_NL__2PRFIN20100902_081133_000000412092_00336_44478_0791.N1	02-SEP-2010 08:11:33	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44478	No
96	GOM_NL__2PRFIN20100902_081433_000000402092_00336_44478_0792.N1	02-SEP-2010 08:14:33	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44478	No
97	GOM_NL__2PRFIN20100902_081720_000000482092_00336_44478_0793.N1	02-SEP-2010 08:17:20	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	44478	No
98	GOM_NL__2PRFIN20100902_082132_000000442092_00336_44478_0794.N1	02-SEP-2010 08:21:32	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44478	No
99	GOM_NL__2PRFIN20100902_082932_000000382092_00336_44478_0795.N1	02-SEP-2010 08:29:32	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44478	No
100	GOM_NL__2PRFIN20100902_083212_000000462092_00336_44478_0796.N1	02-SEP-2010 08:32:12	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44478	No
101	GOM_NL__2PRFIN20100902_083418_000000462092_00336_44478_0797.N1	02-SEP-2010 08:34:18	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44478	No

102	GOM_NL__2PRFIN20100902_085004_000000462092_00336_44478_0798.N1	02-SEP-2010 08:50:04	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44478	No
103	GOM_NL__2PRFIN20100902_085256_000000472092_00336_44478_0799.N1	02-SEP-2010 08:52:56	Bright	46.500	107	37The Aur	2.6490	11000.	93	44478	No
104	GOM_NL__2PRFIN20100902_085515_000000402092_00336_44478_0800.N1	02-SEP-2010 08:55:15	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	44478	No
105	GOM_NL__2PRFIN20100902_085810_000000612092_00336_44478_0801.N1	02-SEP-2010 08:58:10	Twi_and_stray	61.000	151	13Mu Gem	2.8900	3000.0	122	44478	No
106	GOM_NL__2PRFIN20100902_085956_000000532092_00336_44478_0802.N1	02-SEP-2010 08:59:56	Twi_and_stray	53.000	44	24Gam Gem	1.9280	11000.	106	44478	No
107	GOM_NL__2PRFIN20100902_090158_000000452092_00336_44478_0803.N1	02-SEP-2010 09:01:58	Twilight	45.000	8	10Alp CMi	0.40000	6500.0	90	44478	No
108	GOM_NL__2PRFIN20100902_090942_000000492092_00336_44478_0804.N1	02-SEP-2010 09:09:42	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	44478	No
109	GOM_NL__2PRFIN20100902_091226_000000462092_00336_44478_0805.N1	02-SEP-2010 09:12:26	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	44478	No
110	GOM_NL__2PRFIN20100902_091359_000000562092_00336_44478_0806.N1	02-SEP-2010 09:13:59	Dark	56.000	101	11Alp Lep	2.5820	7000.0	112	44478	No
111	GOM_NL__2PRFIN20100902_111007_000000412092_00338_44480_0845.N1	02-SEP-2010 11:10:07	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44480	No
112	GOM_NL__2PRFIN20100902_111124_000000462092_00338_44480_0846.N1	02-SEP-2010 11:11:24	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44480	No
113	GOM_NL__2PRFIN20100902_111721_000000512092_00338_44480_0847.N1	02-SEP-2010 11:17:21	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	44480	No
114	GOM_NL__2PRFIN20100902_112324_000000482092_00338_44480_0848.N1	02-SEP-2010 11:23:24	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44480	No
115	GOM_NL__2PRFIN20100902_113245_000000402092_00338_44480_0849.N1	02-SEP-2010 11:32:45	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44480	No
116	GOM_NL__2PRFIN20100902_113544_000000402092_00338_44480_0850.N1	02-SEP-2010 11:35:44	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44480	No
117	GOM_NL__2PRFIN20100902_113831_000000462092_00338_44480_0851.N1	02-SEP-2010 11:38:31	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	44480	No
118	GOM_NL__2PRFIN20100902_114243_000000462092_00338_44480_0852.N1	02-SEP-2010 11:42:43	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	44480	No
119	GOM_NL__2PRFIN20100902_115322_000000452092_00338_44480_0853.N1	02-SEP-2010 11:53:22	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44480	No
120	GOM_NL__2PRFIN20100902_115529_000000482092_00338_44480_0854.N1	02-SEP-2010 11:55:29	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44480	No
121	GOM_NL__2PRFIN20100902_121115_000000492092_00338_44480_0855.N1	02-SEP-2010 12:11:15	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	44480	No
122	GOM_NL__2PRFIN20100902_121408_000000482092_00338_44480_0856.N1	02-SEP-2010 12:14:08	Bright	48.000	107	37The Aur	2.6490	11000.	96	44480	No
123	GOM_NL__2PRFIN20100902_121627_000000392092_00338_44480_0857.N1	02-SEP-2010 12:16:27	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	44480	No
124	GOM_NL__2PRFIN20100902_121922_000000672092_00338_44480_0858.N1	02-SEP-2010 12:19:22	Twi_and_stray	66.500	151	13Mu Gem	2.8900	3000.0	133	44480	No
125	GOM_NL__2PRFIN20100902_122109_000000502092_00338_44480_0859.N1	02-SEP-2010 12:21:09	Twi_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	44480	No
126	GOM_NL__2PRFIN20100902_122310_000000532092_00338_44480_0860.N1	02-SEP-2010 12:23:10	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	44480	No
127	GOM_NL__2PRFIN20100902_123055_000000522092_00338_44480_0861.N1	02-SEP-2010 12:30:55	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	44480	No
128	GOM_NL__2PRFIN20100902_123513_000000542092_00338_44480_0862.N1	02-SEP-2010 12:35:13	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44480	No
129	GOM_NL__2PRFIN20100902_125043_000000402092_00339_44481_0900.N1	02-SEP-2010 12:50:43	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44481	No
130	GOM_NL__2PRFIN20100902_125201_000000462092_00339_44481_0901.N1	02-SEP-2010 12:52:01	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44481	No
131	GOM_NL__2PRFIN20100902_125758_000000492092_00339_44481_0902.N1	02-SEP-2010 12:57:58	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44481	No
132	GOM_NL__2PRFIN20100902_130400_000000482092_00339_44481_0903.N1	02-SEP-2010 13:04:00	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44481	No
133	GOM_NL__2PRFIN20100902_131321_000000402092_00339_44481_0904.N1	02-SEP-2010 13:13:21	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44481	No
134	GOM_NL__2PRFIN20100902_131620_000000372092_00339_44481_0905.N1	02-SEP-2010 13:16:20	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44481	No
135	GOM_NL__2PRFIN20100902_131906_000000472092_00339_44481_0906.N1	02-SEP-2010 13:19:06	Bright	46.500	90	54Alp Peg	2.4870	11000.	93	44481	No
136	GOM_NL__2PRFIN20100902_132319_000000422092_00339_44481_0907.N1	02-SEP-2010 13:23:19	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44481	No
137	GOM_NL__2PRFIN20100902_133357_000000462092_00339_44481_0908.N1	02-SEP-2010 13:33:57	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44481	No
138	GOM_NL__2PRFIN20100902_133604_000000452092_00339_44481_0909.N1	02-SEP-2010 13:36:04	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44481	No
139	GOM_NL__2PRFIN20100902_135151_000000482092_00339_44481_0910.N1	02-SEP-2010 13:51:51	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	44481	No
140	GOM_NL__2PRFIN20100902_135444_000000532092_00339_44481_0911.N1	02-SEP-2010 13:54:44	Bright	53.000	107	37The Aur	2.6490	11000.	106	44481	No
141	GOM_NL__2PRFIN20100902_135703_000000402092_00339_44481_0912.N1	02-SEP-2010 13:57:03	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	44481	No
142	GOM_NL__2PRFIN20100902_135958_000000582092_00339_44481_0913.N1	02-SEP-2010 13:59:58	Twi_and_stray	57.500	151	13Mu Gem	2.8900	3000.0	115	44481	No
143	GOM_NL__2PRFIN20100902_140145_000000492092_00339_44481_0914.N1	02-SEP-2010 14:01:45	Twi_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	44481	No
144	GOM_NL__2PRFIN20100902_140346_000000542092_00339_44481_0915.N1	02-SEP-2010 14:03:46	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	44481	No
145	GOM_NL__2PRFIN20100902_141131_000000522092_00339_44481_0916.N1	02-SEP-2010 14:11:31	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	44481	No
146	GOM_NL__2PRFIN20100902_141550_000000572092_00339_44481_0917.N1	02-SEP-2010 14:15:50	Dark	56.500	101	11Alp Lep	2.5820	7000.0	113	44481	No
147	GOM_NL__2PRFIN20100902_143119_000000422092_00340_44482_0911.N1	02-SEP-2010 14:31:19	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	44482	No
148	GOM_NL__2PRFIN20100902_143237_000000452092_00340_44482_0912.N1	02-SEP-2010 14:32:37	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44482	No
149	GOM_NL__2PRFIN20100902_143834_000000512092_00340_44482_0913.N1	02-SEP-2010 14:38:34	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44482	No
150	GOM_NL__2PRFIN20100902_144436_000000512092_00340_44482_0914.N1	02-SEP-2010 14:44:36	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44482	No
151	GOM_NL__2PRFIN20100902_145357_000000392092_00340_44482_0915.N1	02-SEP-2010 14:53:57	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44482	No
152	GOM_NL__2PRFIN20100902_145656_000000382092_00340_44482_0916.N1	02-SEP-2010 14:56:56	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44482	No
153	GOM_NL__2PRFIN20100902_145942_000000462092_00340_44482_0917.N1	02-SEP-2010 14:59:42	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	44482	No
154	GOM_NL__2PRFIN20100902_150354_000000412092_00340_44482_0918.N1	02-SEP-2010 15:03:54	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	44482	No
155	GOM_NL__2PRFIN20100902_151433_000000422092_00340_44482_0919.N1	02-SEP-2010 15:14:33	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44482	No
156	GOM_NL__2PRFIN20100902_151639_000000462092_00340_44482_0920.N1	02-SEP-2010 15:16:39	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44482	No
157	GOM_NL__2PRFIN20100902_153227_000000462092_00340_44482_0921.N1	02-SEP-2010 15:32:27	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44482	No
158	GOM_NL__2PRFIN20100902_153520_000000702092_00340_44482_0922.N1	02-SEP-2010 15:35:20	Bright	70.000	107	37The Aur	2.6490	11000.	140	44482	No
159	GOM_NL__2PRFIN20100902_153739_000000392092_00340_44482_0923.N1	02-SEP-2010 15:37:39	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	44482	No
160	GOM_NL__2PRFIN20100902_154035_000000572092_00340_44482_0924.N1	02-SEP-2010 15:40:35	Twi_and_stray	57.000	151	13Mu Gem	2.8900	3000.0	114	44482	No

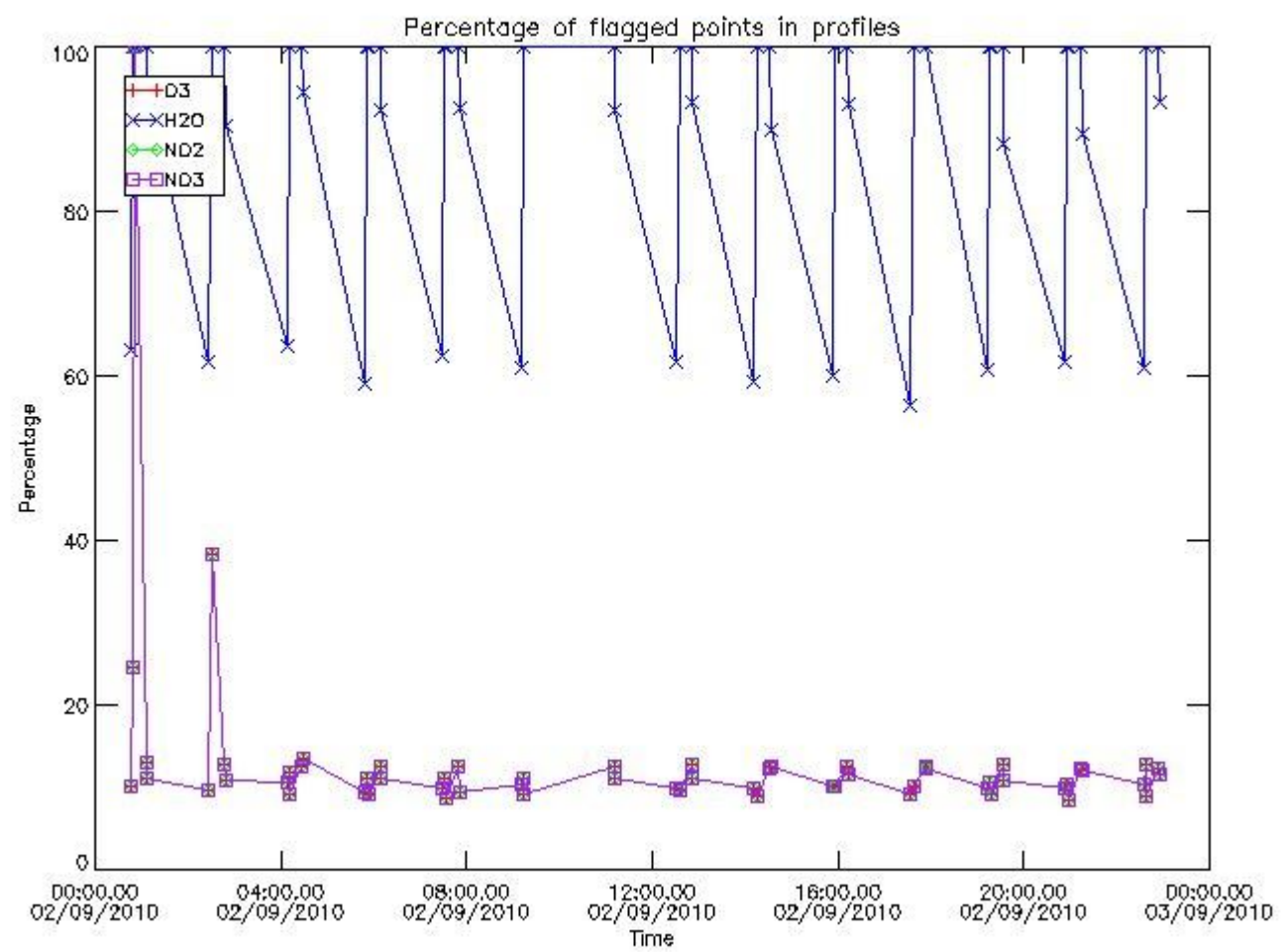
161	GOM_NL__2PRFIN20100902_154222_000000522092_00340_44482_0925.N1	02-SEP-2010 15:42:22	Twilight	52.000	44	24Gam Gem	1.9280	11000.	104	44482	No
162	GOM_NL__2PRFIN20100902_154422_000000442092_00340_44482_0926.N1	02-SEP-2010 15:44:22	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	44482	No
163	GOM_NL__2PRFIN20100902_155208_000000512092_00340_44482_0927.N1	02-SEP-2010 15:52:08	Dark	50.500	1	9Alp CMA	-1.4400	11000.	101	44482	No
164	GOM_NL__2PRFIN20100902_155628_000000552092_00340_44482_0928.N1	02-SEP-2010 15:56:28	Dark	55.000	101	11Alp Lep	2.5820	7000.0	110	44482	No
165	GOM_NL__2PRFIN20100902_161156_000000412092_00341_44483_0973.N1	02-SEP-2010 16:11:56	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44483	No
166	GOM_NL__2PRFIN20100902_161314_000000442092_00341_44483_0974.N1	02-SEP-2010 16:13:14	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44483	No
167	GOM_NL__2PRFIN20100902_161911_000000512092_00341_44483_0975.N1	02-SEP-2010 16:19:11	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44483	No
168	GOM_NL__2PRFIN20100902_162512_000000482092_00341_44483_0976.N1	02-SEP-2010 16:25:12	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44483	No
169	GOM_NL__2PRFIN20100902_163432_000000412092_00341_44483_0977.N1	02-SEP-2010 16:34:32	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44483	No
170	GOM_NL__2PRFIN20100902_163732_000000382092_00341_44483_0978.N1	02-SEP-2010 16:37:32	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44483	No
171	GOM_NL__2PRFIN20100902_164017_000000482092_00341_44483_0979.N1	02-SEP-2010 16:40:17	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	44483	No
172	GOM_NL__2PRFIN20100902_164429_000000432092_00341_44483_0980.N1	02-SEP-2010 16:44:29	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44483	No
173	GOM_NL__2PRFIN20100902_165508_000000452092_00341_44483_0981.N1	02-SEP-2010 16:55:08	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44483	No
174	GOM_NL__2PRFIN20100902_165715_000000442092_00341_44483_0982.N1	02-SEP-2010 16:57:15	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	44483	No
175	GOM_NL__2PRFIN20100902_171303_000000462092_00341_44483_0983.N1	02-SEP-2010 17:13:03	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44483	No
176	GOM_NL__2PRFIN20100902_171556_000000512092_00341_44483_0984.N1	02-SEP-2010 17:15:56	Bright	50.500	107	37The Aur	2.6490	11000.	101	44483	No
177	GOM_NL__2PRFIN20100902_171816_000000382092_00341_44483_0985.N1	02-SEP-2010 17:18:16	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	44483	No
178	GOM_NL__2PRFIN20100902_172111_000000562092_00341_44483_0986.N1	02-SEP-2010 17:21:11	Twilight	56.000	151	13Mu Gem	2.8900	3000.0	112	44483	No
179	GOM_NL__2PRFIN20100902_172258_000000512092_00341_44483_0987.N1	02-SEP-2010 17:22:58	Twilight	51.000	44	24Gam Gem	1.9280	11000.	102	44483	No
180	GOM_NL__2PRFIN20100902_172459_000000422092_00341_44483_0988.N1	02-SEP-2010 17:24:59	Twilight	41.500	8	10Alp CMi	0.40000	6500.0	83	44483	No
181	GOM_NL__2PRFIN20100902_173245_000000562092_00341_44483_0989.N1	02-SEP-2010 17:32:45	Dark	55.500	1	9Alp CMA	-1.4400	11000.	111	44483	No
182	GOM_NL__2PRFIN20100902_173705_000000552092_00341_44483_0990.N1	02-SEP-2010 17:37:05	Dark	55.000	101	11Alp Lep	2.5820	7000.0	110	44483	No
183	GOM_NL__2PRFIN20100902_175233_000000412092_00342_44484_1003.N1	02-SEP-2010 17:52:33	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44484	No
184	GOM_NL__2PRFIN20100902_175350_000000462092_00342_44484_1004.N1	02-SEP-2010 17:53:50	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44484	No
185	GOM_NL__2PRFIN20100902_175947_000000532092_00342_44484_1005.N1	02-SEP-2010 17:59:47	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44484	No
186	GOM_NL__2PRFIN20100902_180549_000000482092_00342_44484_1006.N1	02-SEP-2010 18:05:49	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44484	No
187	GOM_NL__2PRFIN20100902_181508_000000402092_00342_44484_1007.N1	02-SEP-2010 18:15:08	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44484	No
188	GOM_NL__2PRFIN20100902_181808_000000382092_00342_44484_1008.N1	02-SEP-2010 18:18:08	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44484	No
189	GOM_NL__2PRFIN20100902_182053_000000482092_00342_44484_1009.N1	02-SEP-2010 18:20:53	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	44484	No
190	GOM_NL__2PRFIN20100902_182505_000000422092_00342_44484_1010.N1	02-SEP-2010 18:25:05	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44484	No
191	GOM_NL__2PRFIN20100902_183544_000000452092_00342_44484_1011.N1	02-SEP-2010 18:35:44	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44484	No
192	GOM_NL__2PRFIN20100902_183750_000000462092_00342_44484_1012.N1	02-SEP-2010 18:37:50	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44484	No
193	GOM_NL__2PRFIN20100902_185339_000000492092_00342_44484_1013.N1	02-SEP-2010 18:53:39	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	44484	No
194	GOM_NL__2PRFIN20100902_185632_000000472092_00342_44484_1014.N1	02-SEP-2010 18:56:32	Bright	46.500	107	37The Aur	2.6490	11000.	93	44484	No
195	GOM_NL__2PRFIN20100902_185852_000000372092_00342_44484_1015.N1	02-SEP-2010 18:58:52	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	44484	No
196	GOM_NL__2PRFIN20100902_190147_000000632092_00342_44484_1016.N1	02-SEP-2010 19:01:47	Twilight	62.500	151	13Mu Gem	2.8900	3000.0	125	44484	No
197	GOM_NL__2PRFIN20100902_190334_000000522092_00342_44484_1017.N1	02-SEP-2010 19:03:34	Twilight	52.000	44	24Gam Gem	1.9280	11000.	104	44484	No
198	GOM_NL__2PRFIN20100902_190535_000000432092_00342_44484_1018.N1	02-SEP-2010 19:05:35	Twilight	43.000	8	10Alp CMi	0.40000	6500.0	86	44484	No
199	GOM_NL__2PRFIN20100902_191322_000000522092_00342_44484_1019.N1	02-SEP-2010 19:13:22	Dark	51.500	1	9Alp CMA	-1.4400	11000.	103	44484	No
200	GOM_NL__2PRFIN20100902_191440_000000482092_00342_44484_1020.N1	02-SEP-2010 19:14:40	Dark	48.000	47	2Bet CMA	1.9760	28000.	96	44484	No
201	GOM_NL__2PRFIN20100902_191742_000000562092_00342_44484_1021.N1	02-SEP-2010 19:17:42	Dark	56.000	101	11Alp Lep	2.5820	7000.0	112	44484	No
202	GOM_NL__2PRFIN20100902_193309_000000402092_00343_44485_1034.N1	02-SEP-2010 19:33:09	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44485	No
203	GOM_NL__2PRFIN20100902_193427_000000472092_00343_44485_1035.N1	02-SEP-2010 19:34:27	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44485	No
204	GOM_NL__2PRFIN20100902_194024_000000552092_00343_44485_1036.N1	02-SEP-2010 19:40:24	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44485	No
205	GOM_NL__2PRFIN20100902_194625_000000502092_00343_44485_1037.N1	02-SEP-2010 19:46:25	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	44485	No
206	GOM_NL__2PRFIN20100902_195544_000000402092_00343_44485_1038.N1	02-SEP-2010 19:55:44	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44485	No
207	GOM_NL__2PRFIN20100902_195844_000000372092_00343_44485_1039.N1	02-SEP-2010 19:58:44	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44485	No
208	GOM_NL__2PRFIN20100902_200128_000000492092_00343_44485_1040.N1	02-SEP-2010 20:01:28	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	44485	No
209	GOM_NL__2PRFIN20100902_200540_000000422092_00343_44485_1041.N1	02-SEP-2010 20:05:40	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	44485	No
210	GOM_NL__2PRFIN20100902_201619_000000452092_00343_44485_1042.N1	02-SEP-2010 20:16:19	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44485	No
211	GOM_NL__2PRFIN20100902_201825_000000462092_00343_44485_1043.N1	02-SEP-2010 20:18:25	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44485	No
212	GOM_NL__2PRFIN20100902_203415_000000462092_00343_44485_1044.N1	02-SEP-2010 20:34:15	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	44485	No
213	GOM_NL__2PRFIN20100902_203708_000000502092_00343_44485_1045.N1	02-SEP-2010 20:37:08	Bright	49.500	107	37The Aur	2.6490	11000.	99	44485	No
214	GOM_NL__2PRFIN20100902_203928_000000402092_00343_44485_1046.N1	02-SEP-2010 20:39:28	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	44485	No
215	GOM_NL__2PRFIN20100902_204223_000000622092_00343_44485_1047.N1	02-SEP-2010 20:42:23	Twilight	61.500	151	13Mu Gem	2.8900	3000.0	123	44485	No
216	GOM_NL__2PRFIN20100902_204411_000000532092_00343_44485_1048.N1	02-SEP-2010 20:44:11	Twilight	52.500	44	24Gam Gem	1.9280	11000.	105	44485	No
217	GOM_NL__2PRFIN20100902_204611_000000512092_00343_44485_1049.N1	02-SEP-2010 20:46:11	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	44485	No
218	GOM_NL__2PRFIN20100902_205358_000000522092_00343_44485_1050.N1	02-SEP-2010 20:53:58	Dark	51.500	1	9Alp CMA	-1.4400	11000.	103	44485	No
219	GOM_NL__2PRFIN20100902_205517_000000492092_00343_44485_1051.N1	02-SEP-2010 20:55:17	Dark	49.000	47	2Bet CMA	1.9760	28000.	98	44485	No

220	GOM_NL__2PRFIN20100902_205819_000000612092_00343_44485_1052.N1	02-SEP-2010 20:58:19	Dark	61.000	101	11Alp Lep	2.5820	7000.0	122	44485	No
221	GOM_NL__2PRFIN20100902_211346_000000422092_00344_44486_1067.N1	02-SEP-2010 21:13:46	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	44486	No
222	GOM_NL__2PRFIN20100902_211503_000000432092_00344_44486_1068.N1	02-SEP-2010 21:15:03	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44486	No
223	GOM_NL__2PRFIN20100902_212100_000000562092_00344_44486_1069.N1	02-SEP-2010 21:21:00	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44486	No
224	GOM_NL__2PRFIN20100902_212701_000000512092_00344_44486_1070.N1	02-SEP-2010 21:27:01	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44486	No
225	GOM_NL__2PRFIN20100902_213620_000000402092_00344_44486_1071.N1	02-SEP-2010 21:36:20	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44486	No
226	GOM_NL__2PRFIN20100902_213920_000000392092_00344_44486_1072.N1	02-SEP-2010 21:39:20	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44486	No
227	GOM_NL__2PRFIN20100902_214203_000000482092_00344_44486_1073.N1	02-SEP-2010 21:42:03	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	44486	No
228	GOM_NL__2PRFIN20100902_214616_000000412092_00344_44486_1074.N1	02-SEP-2010 21:46:16	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	44486	No
229	GOM_NL__2PRFIN20100902_215654_000000452092_00344_44486_1075.N1	02-SEP-2010 21:56:54	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44486	No
230	GOM_NL__2PRFIN20100902_215900_000000472092_00344_44486_1076.N1	02-SEP-2010 21:59:00	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44486	No
231	GOM_NL__2PRFIN20100902_221450_000000502092_00344_44486_1077.N1	02-SEP-2010 22:14:50	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	44486	No
232	GOM_NL__2PRFIN20100902_221744_000000492092_00344_44486_1078.N1	02-SEP-2010 22:17:44	Bright	49.000	107	37The Aur	2.6490	11000.	98	44486	No
233	GOM_NL__2PRFIN20100902_222004_000000542092_00344_44486_1079.N1	02-SEP-2010 22:20:04	Bright	54.000	17	78Bet Gem	1.1610	4500.0	108	44486	No
234	GOM_NL__2PRFIN20100902_222259_000000572092_00344_44486_1080.N1	02-SEP-2010 22:22:59	Twilight	56.500	151	13Mu Gem	2.8900	3000.0	113	44486	No
235	GOM_NL__2PRFIN20100902_222447_000000532092_00344_44486_1081.N1	02-SEP-2010 22:24:47	Twilight	53.000	44	24Gam Gem	1.9280	11000.	106	44486	No
236	GOM_NL__2PRFIN20100902_222647_000000482092_00344_44486_1082.N1	02-SEP-2010 22:26:47	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	44486	No
237	GOM_NL__2PRFIN20100902_223434_000000492092_00344_44486_1083.N1	02-SEP-2010 22:34:34	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	44486	No
238	GOM_NL__2PRFIN20100902_223717_000000442092_00344_44486_1084.N1	02-SEP-2010 22:37:17	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	44486	No
239	GOM_NL__2PRFIN20100902_223856_000000582092_00344_44486_1085.N1	02-SEP-2010 22:38:56	Dark	57.500	101	11Alp Lep	2.5820	7000.0	115	44486	No
240	GOM_NL__2PRFIN20100902_225422_000000422092_00345_44487_1084.N1	02-SEP-2010 22:54:22	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	44487	No
241	GOM_NL__2PRFIN20100902_225540_000000452092_00345_44487_1085.N1	02-SEP-2010 22:55:40	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44487	No
242	GOM_NL__2PRFIN20100902_230137_000000492092_00345_44487_1086.N1	02-SEP-2010 23:01:37	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44487	No
243	GOM_NL__2PRFIN20100902_230737_000000542092_00345_44487_1087.N1	02-SEP-2010 23:07:37	Straylight	53.500	18	24Alp PsA	1.1660	9700.0	107	44487	No
244	GOM_NL__2PRFIN20100902_231656_000000402092_00345_44487_1088.N1	02-SEP-2010 23:16:56	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44487	No
245	GOM_NL__2PRFIN20100902_231956_000000392092_00345_44487_1089.N1	02-SEP-2010 23:19:56	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44487	No
246	GOM_NL__2PRFIN20100902_232239_000000462092_00345_44487_1090.N1	02-SEP-2010 23:22:39	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	44487	No
247	GOM_NL__2PRFIN20100902_232651_000000452092_00345_44487_1091.N1	02-SEP-2010 23:26:51	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	44487	No
248	GOM_NL__2PRFIN20100902_233729_000000452092_00345_44487_1092.N1	02-SEP-2010 23:37:29	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44487	No
249	GOM_NL__2PRFIN20100902_233935_000000462092_00345_44487_1093.N1	02-SEP-2010 23:39:35	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44487	No
250	GOM_NL__2PRFIN20100902_235526_000000472092_00345_44487_1094.N1	02-SEP-2010 23:55:26	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	44487	No
251	GOM_NL__2PRFIN20100902_235820_000000492092_00345_44487_1095.N1	02-SEP-2010 23:58:20	Bright	49.000	107	37The Aur	2.6490	11000.	98	44487	No

3. Quality information per product

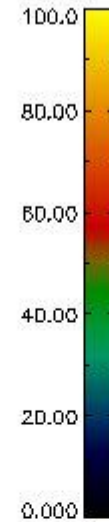
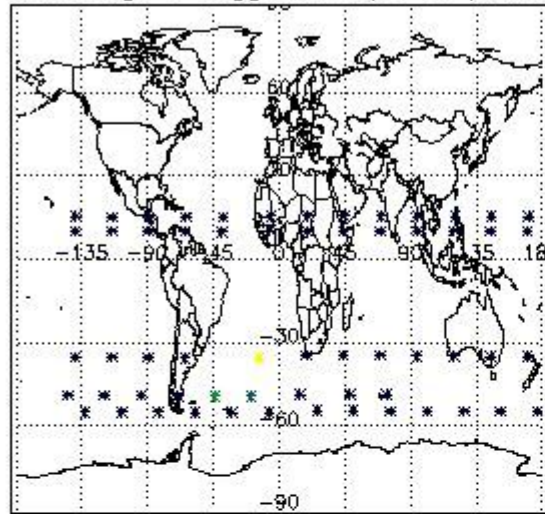
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

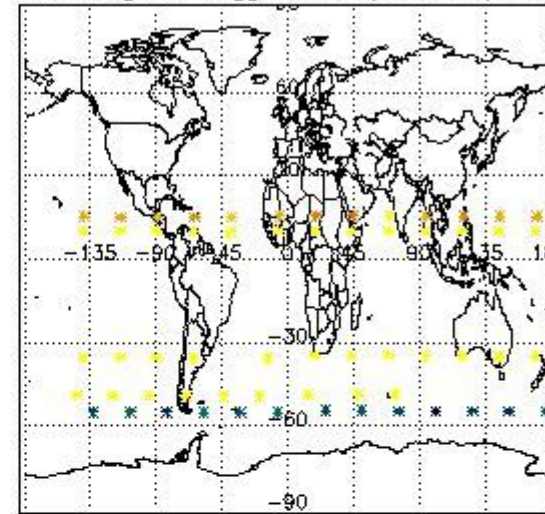


3.2 Plot quality information per product (world map)

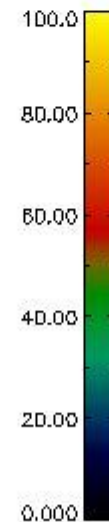
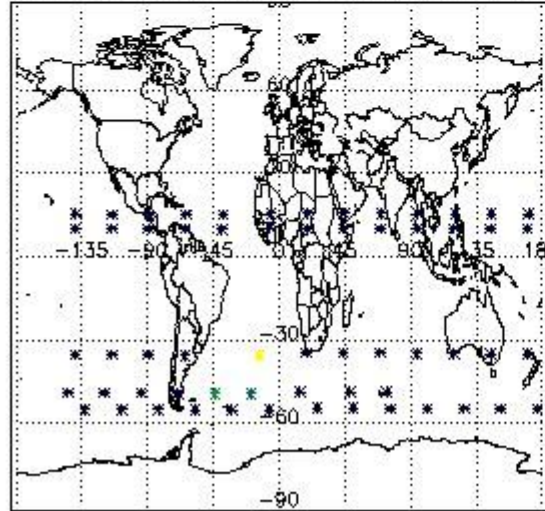
Percentage of flagged data per O3 profile



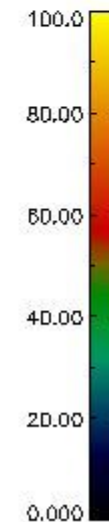
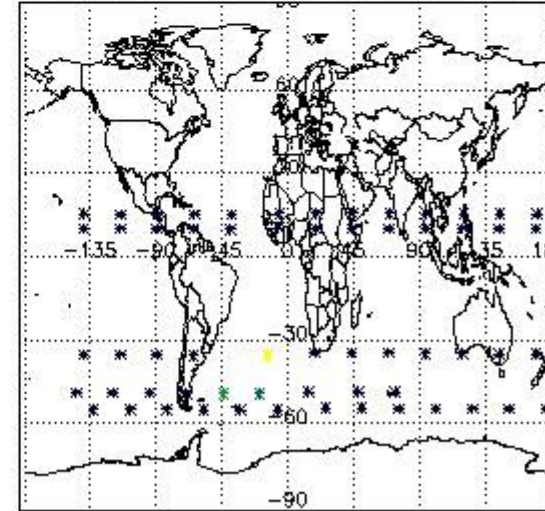
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

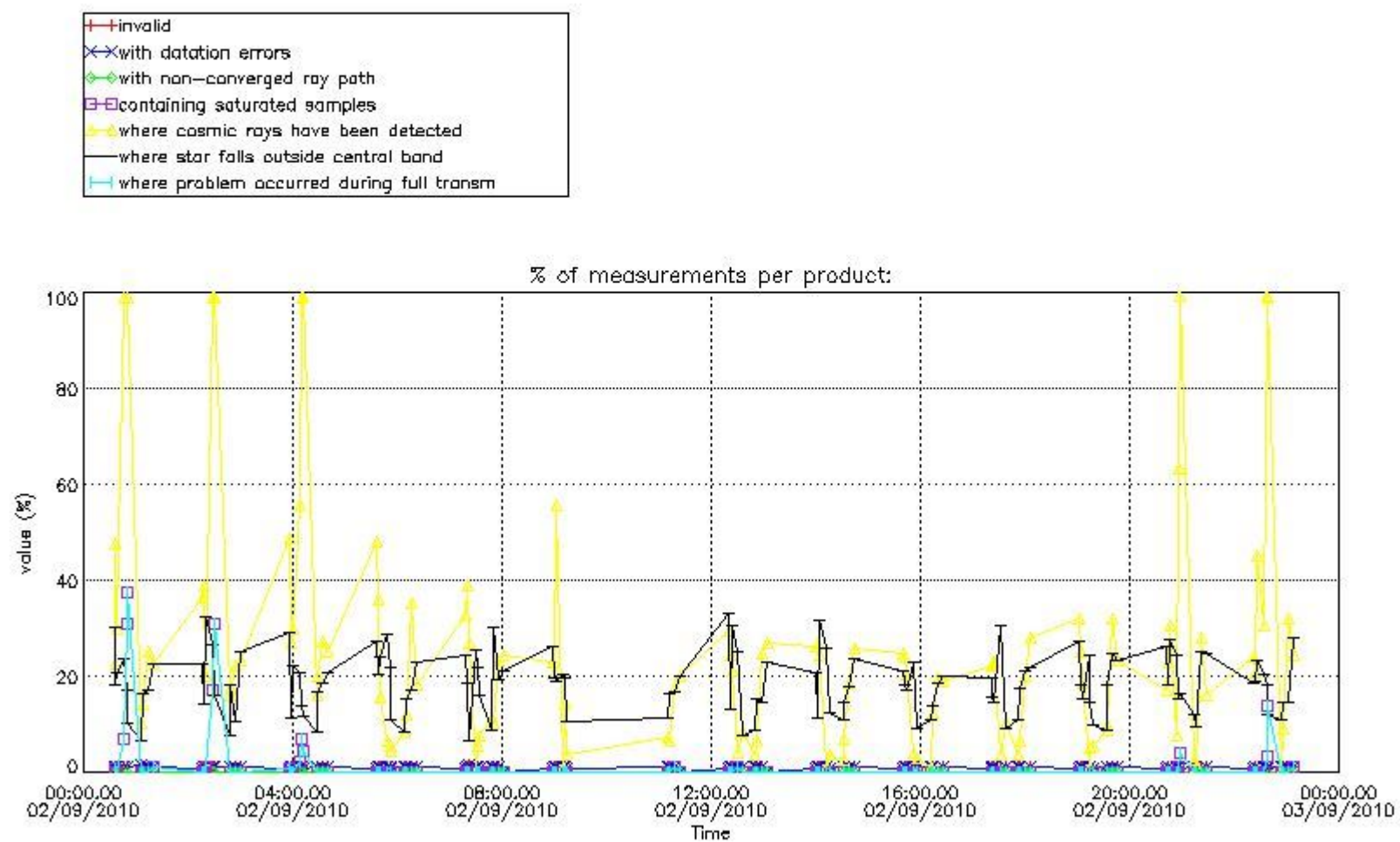


4. Level 1 quality information per product

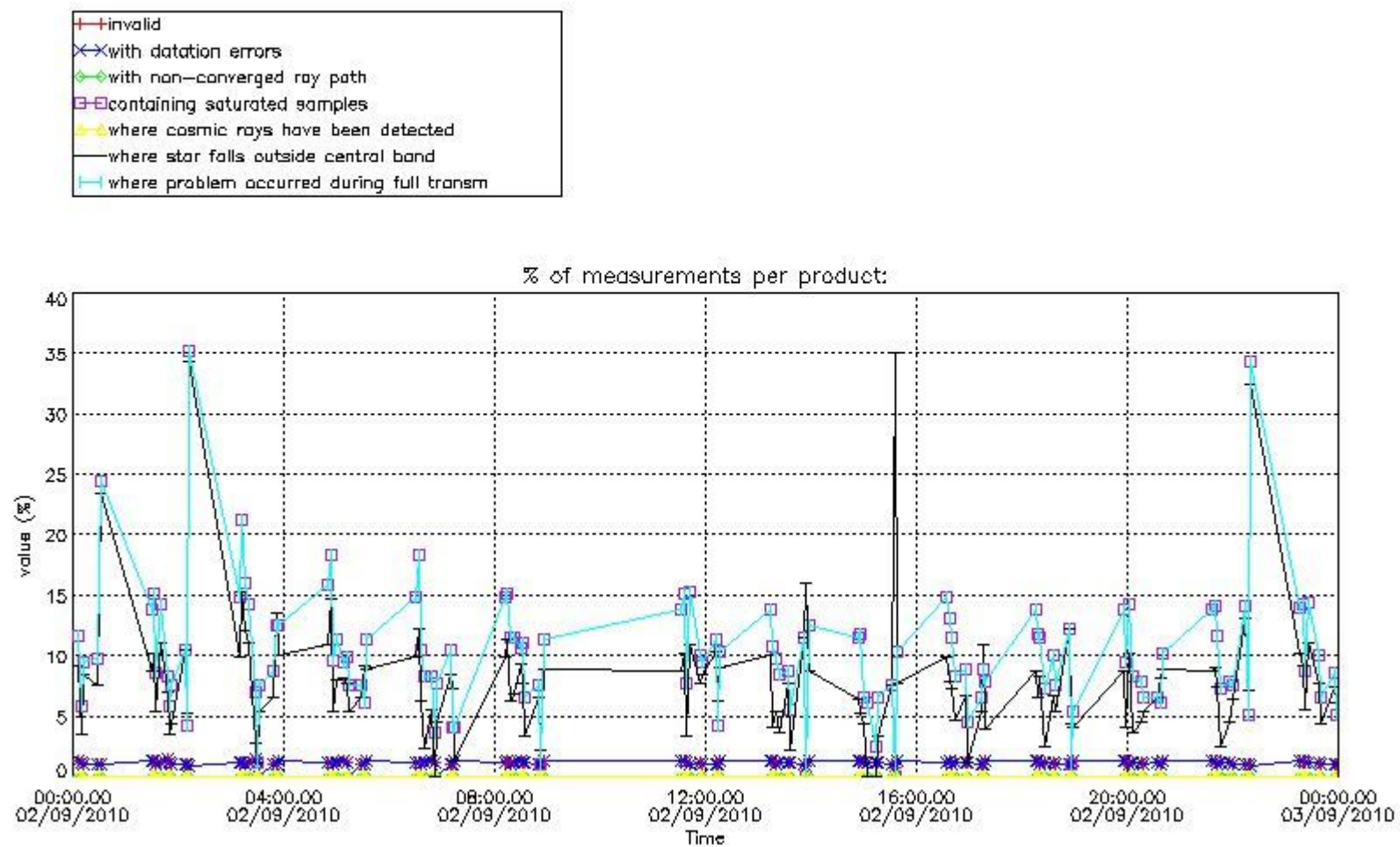
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



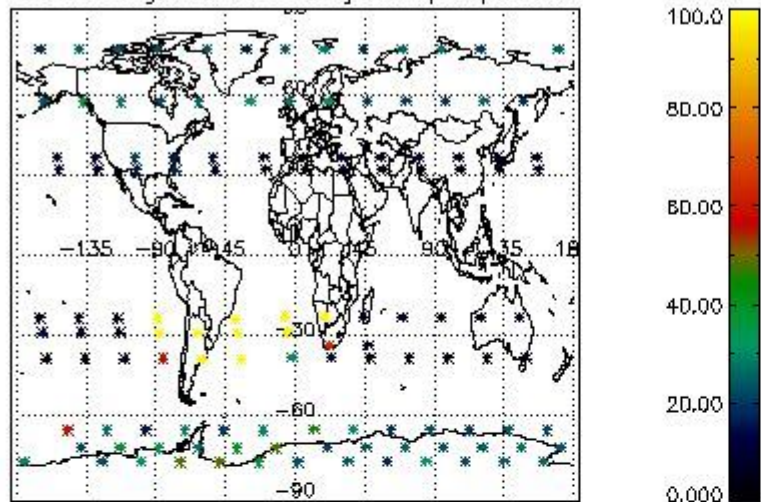
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



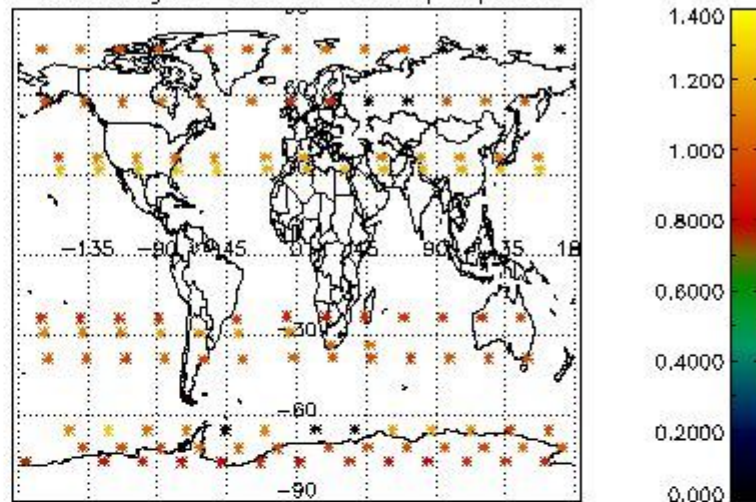
4.2 Plot quality information per product coming from level 1b processing (world map)

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

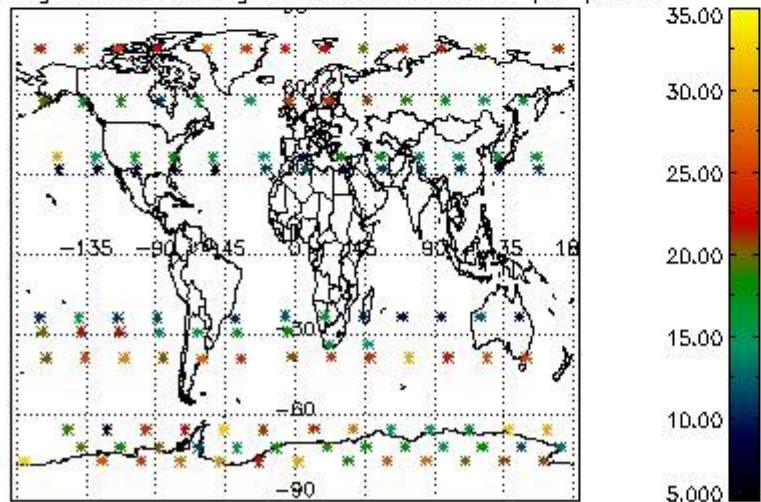
Percentage of cosmic ray hits per profile



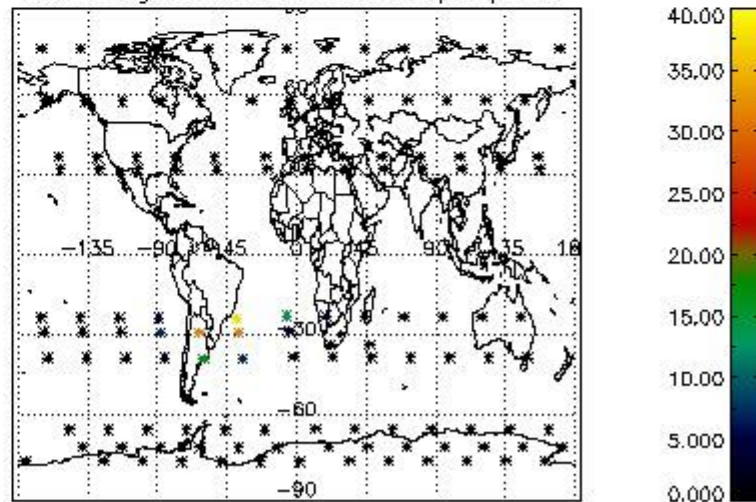
Percentage of datation errors per profile



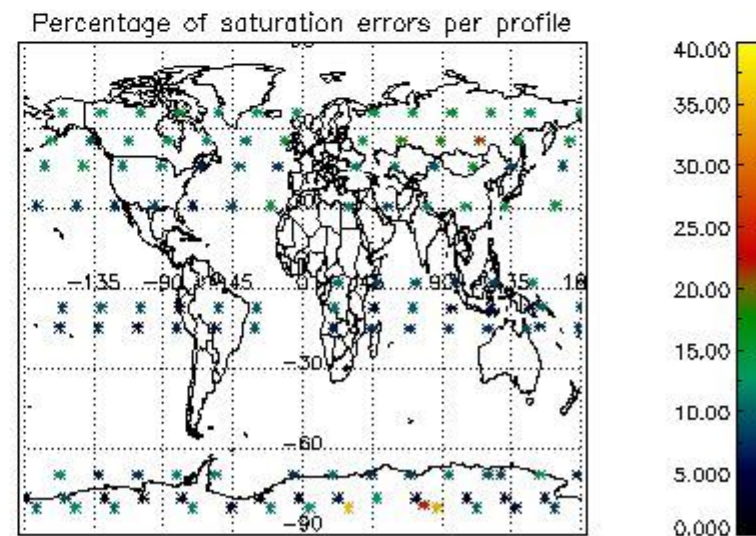
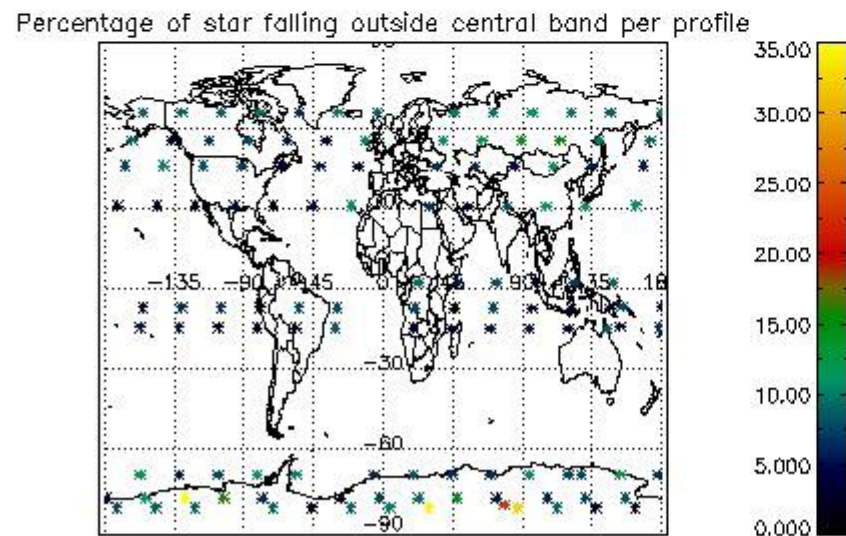
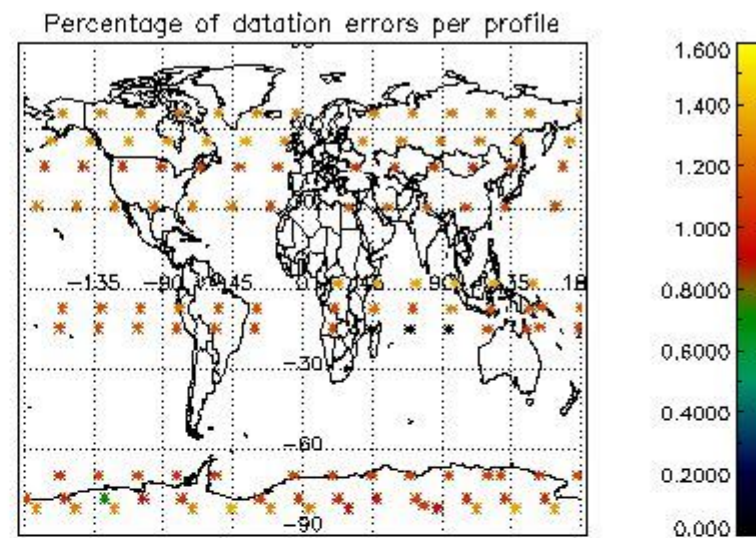
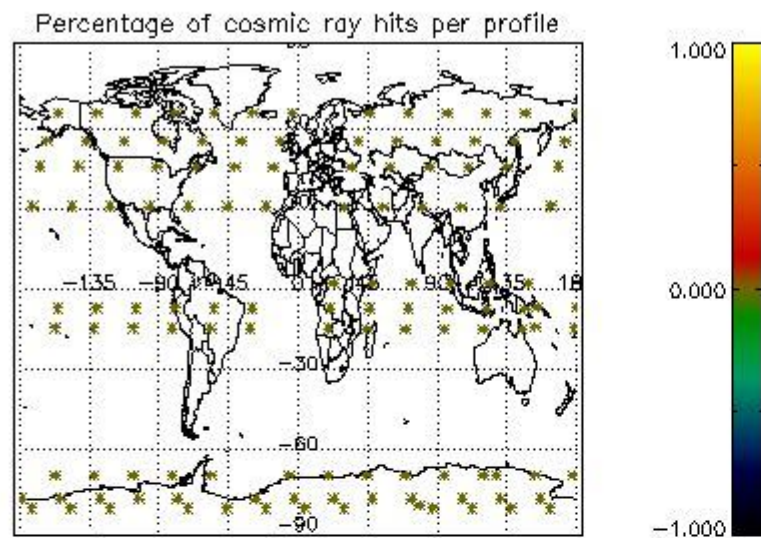
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

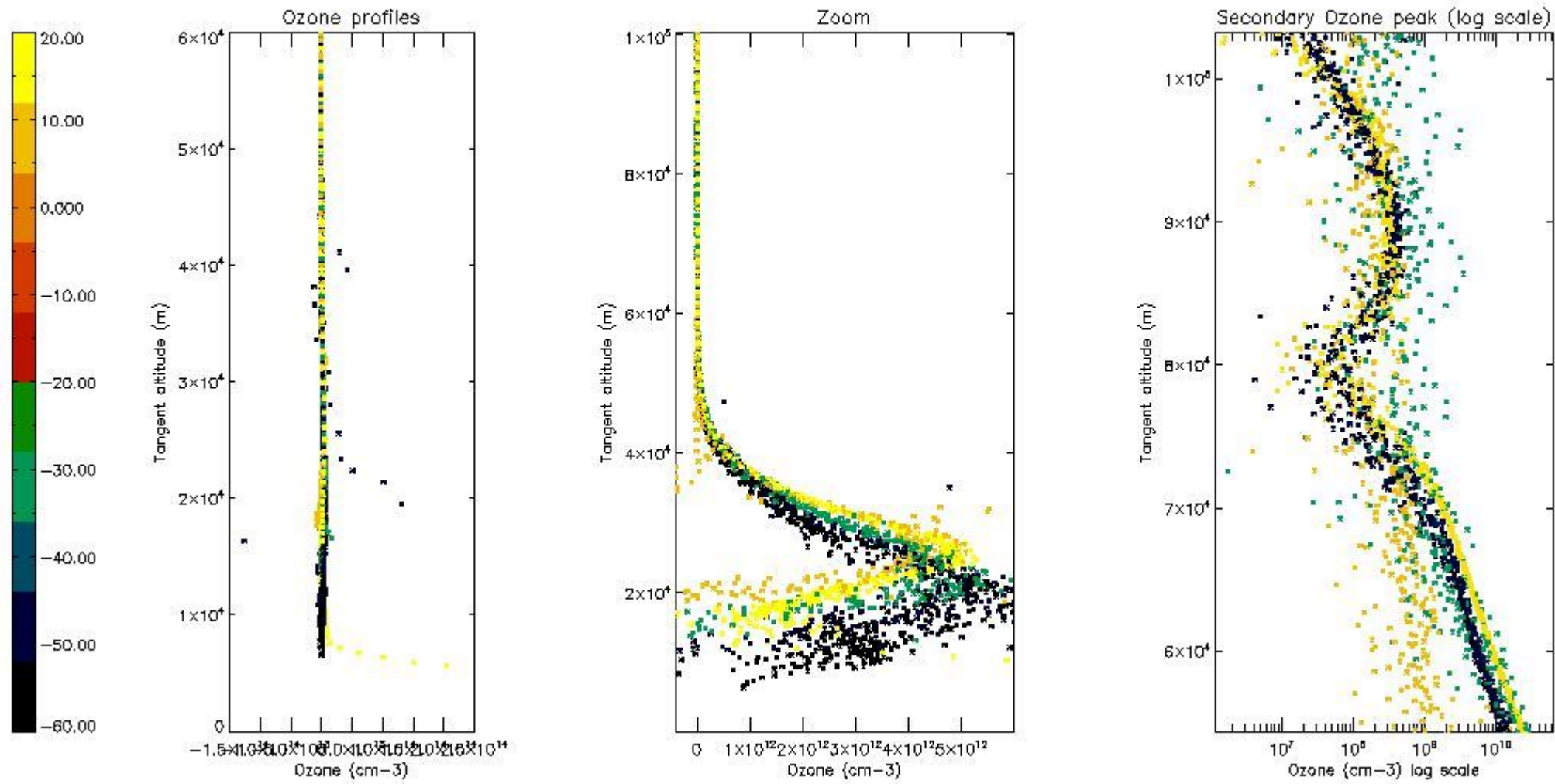
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	14

STD < 10	11
STD < 5	8

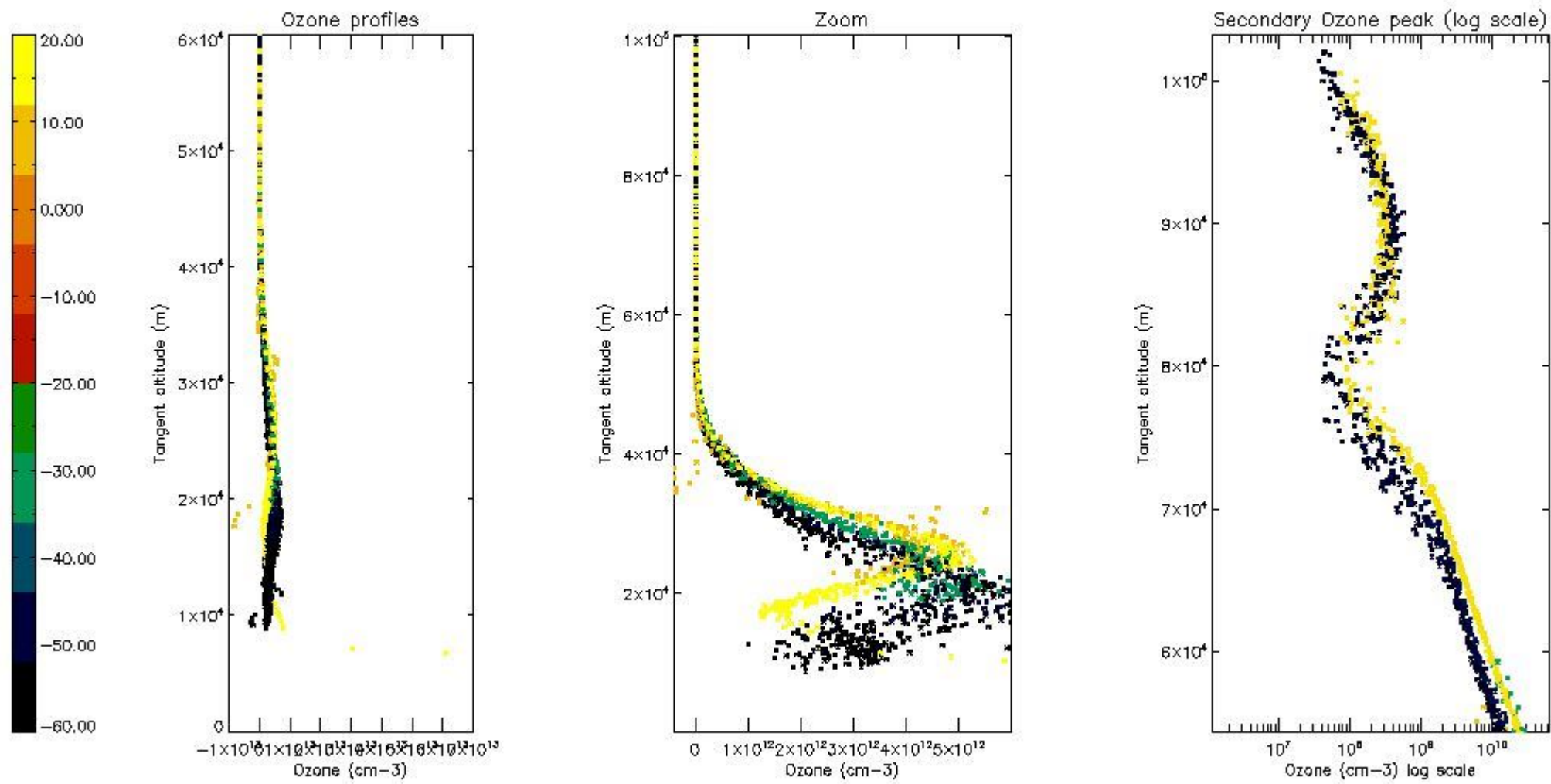
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



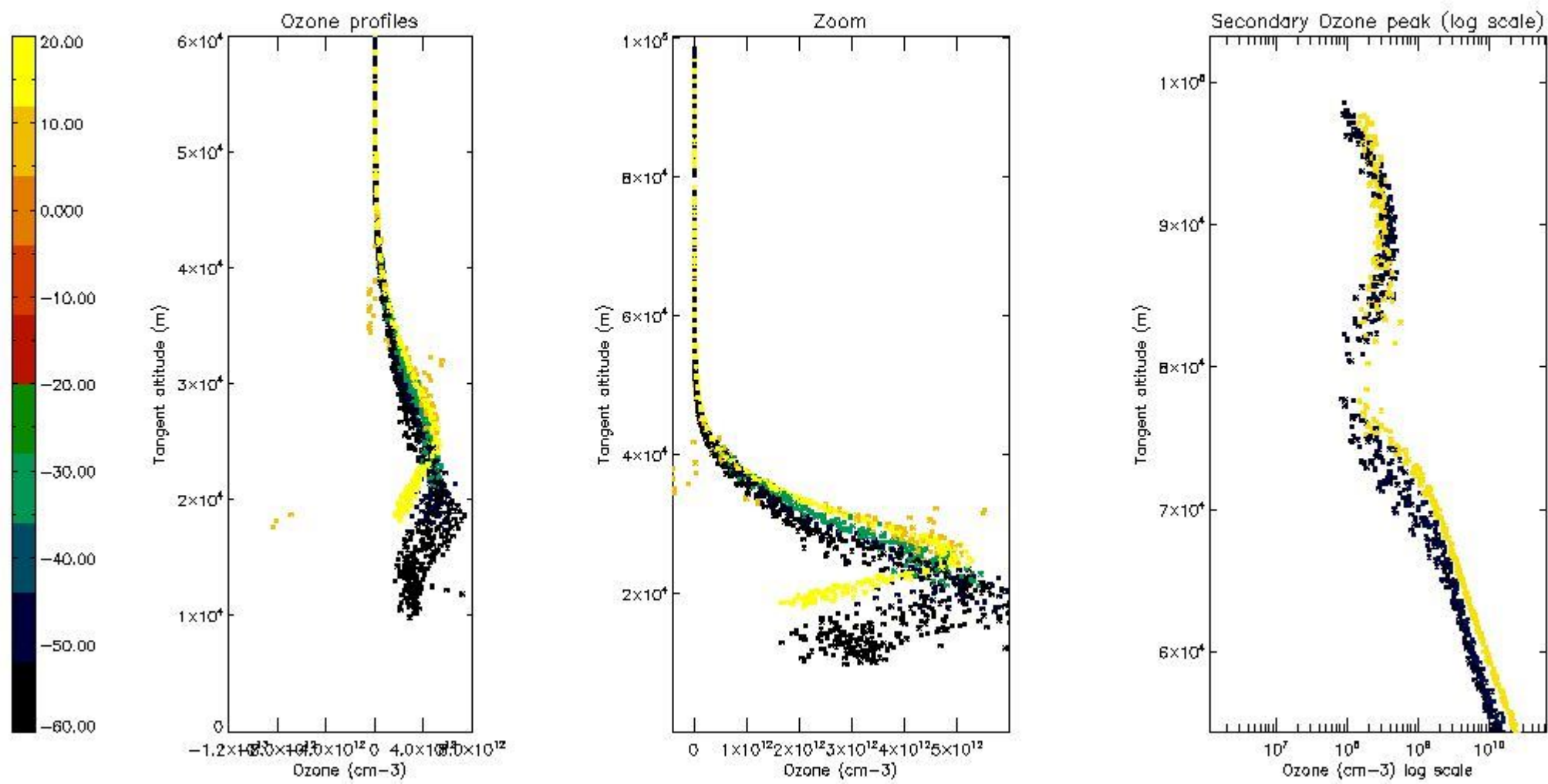
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



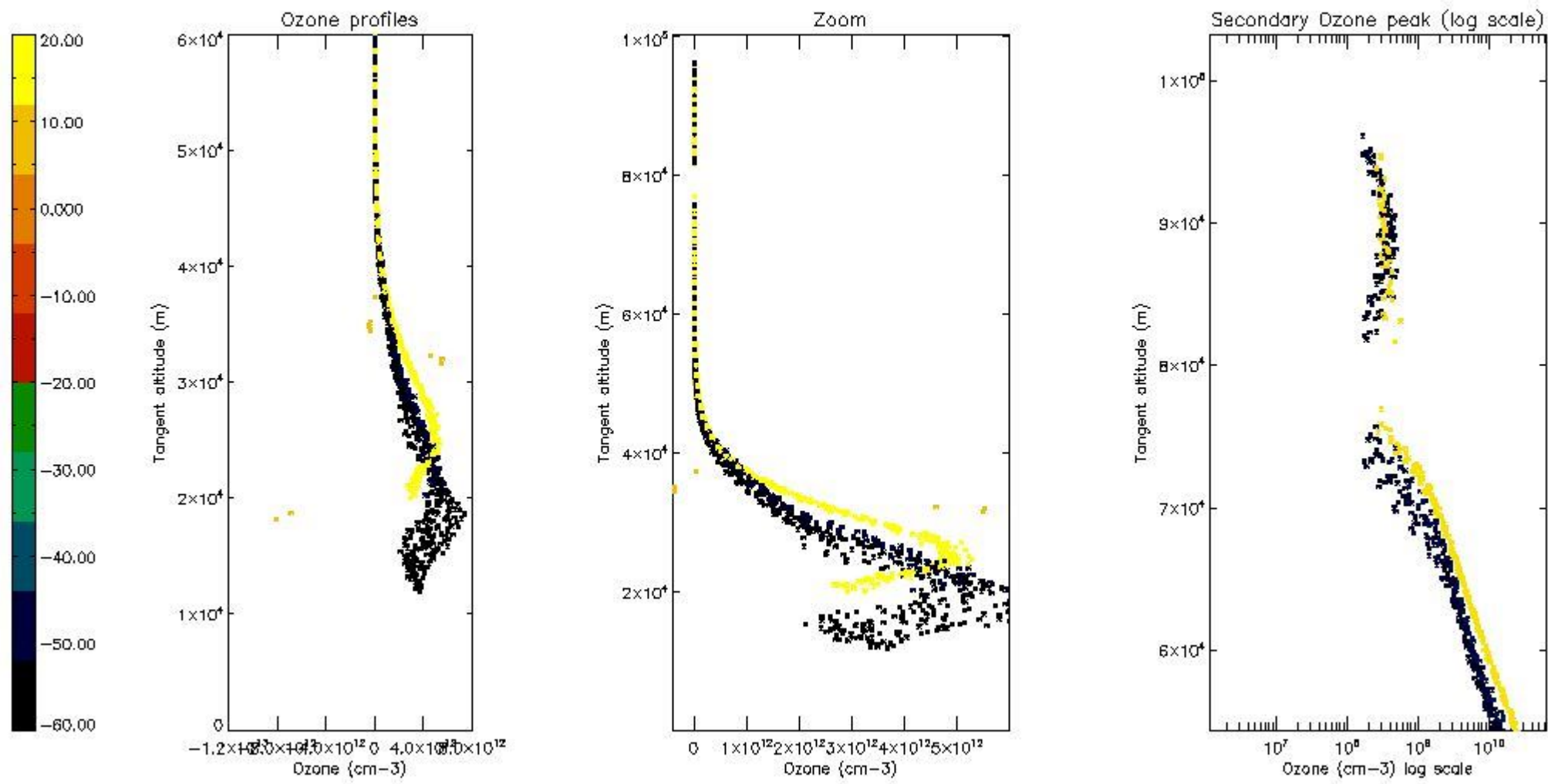
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



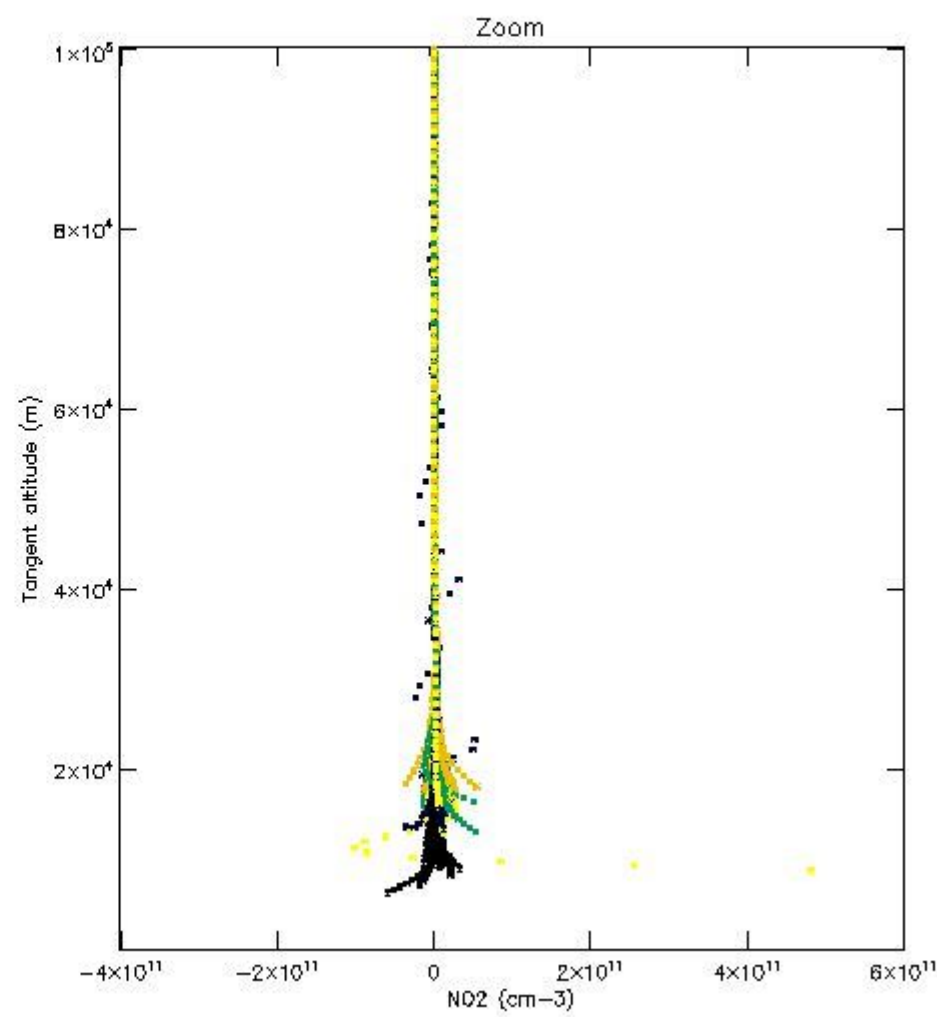
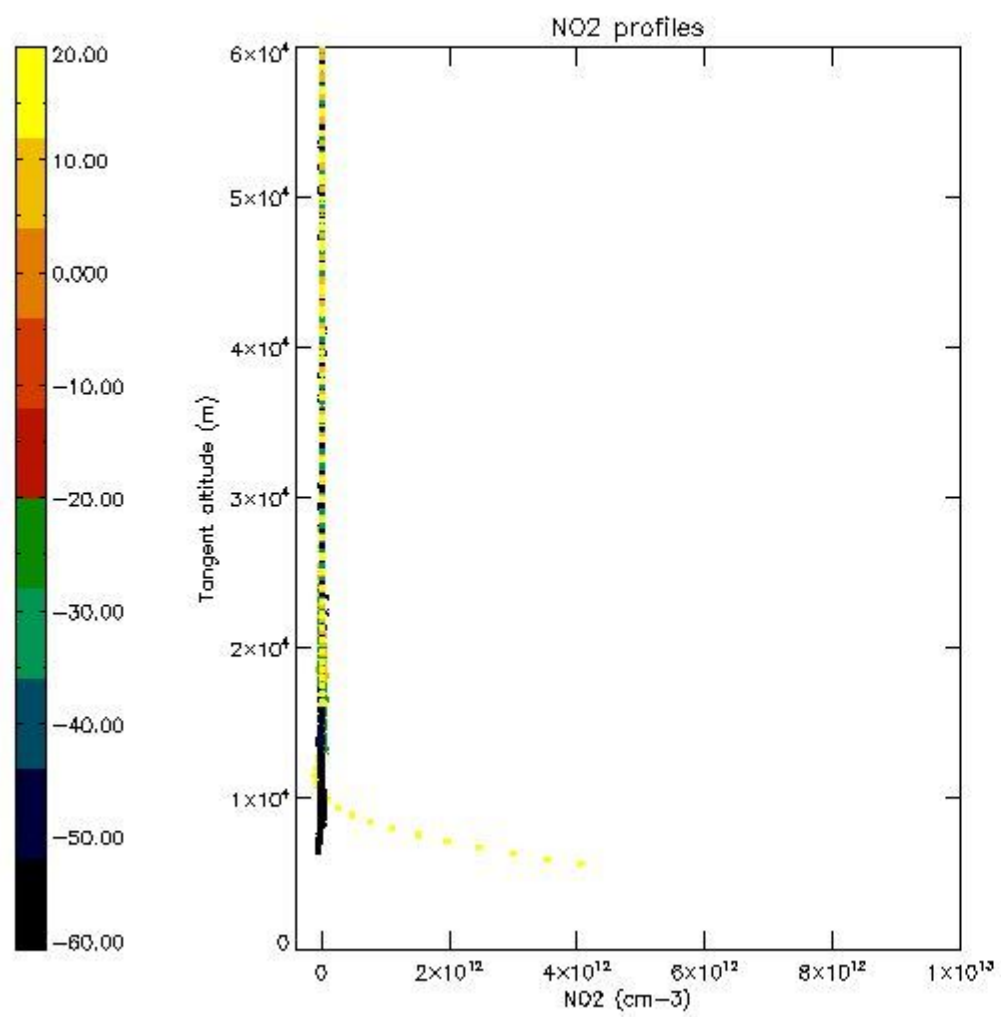
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



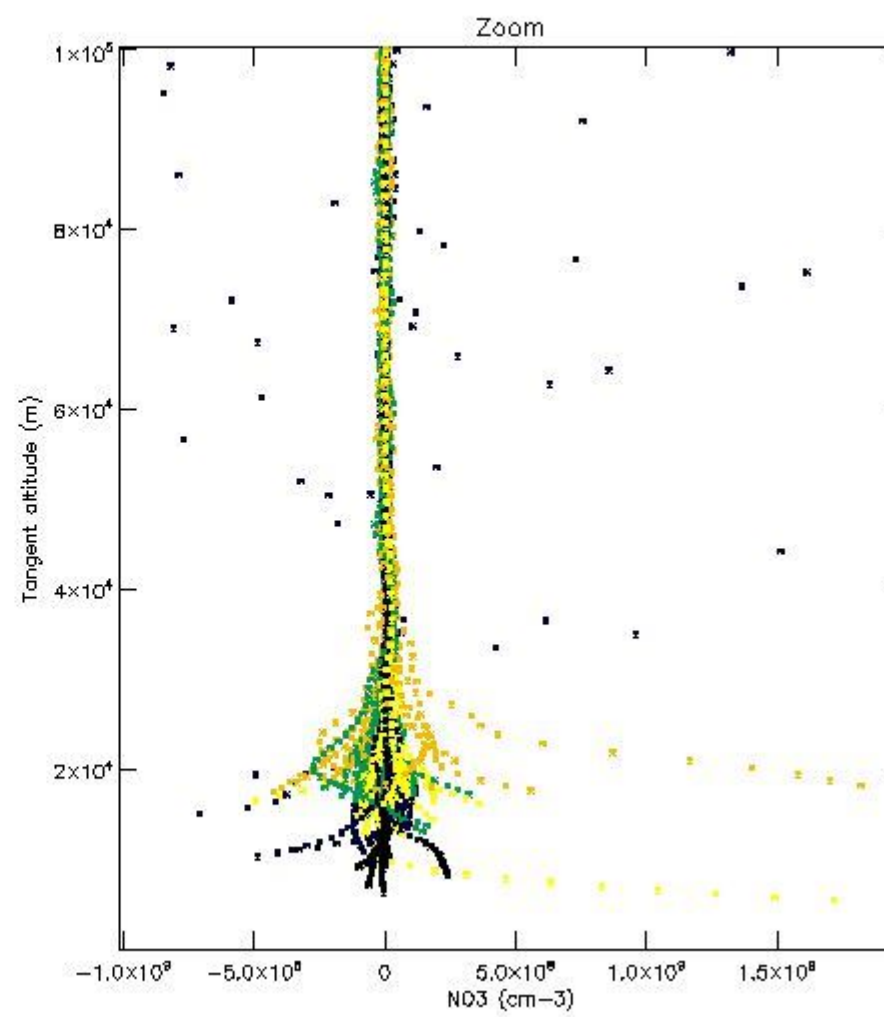
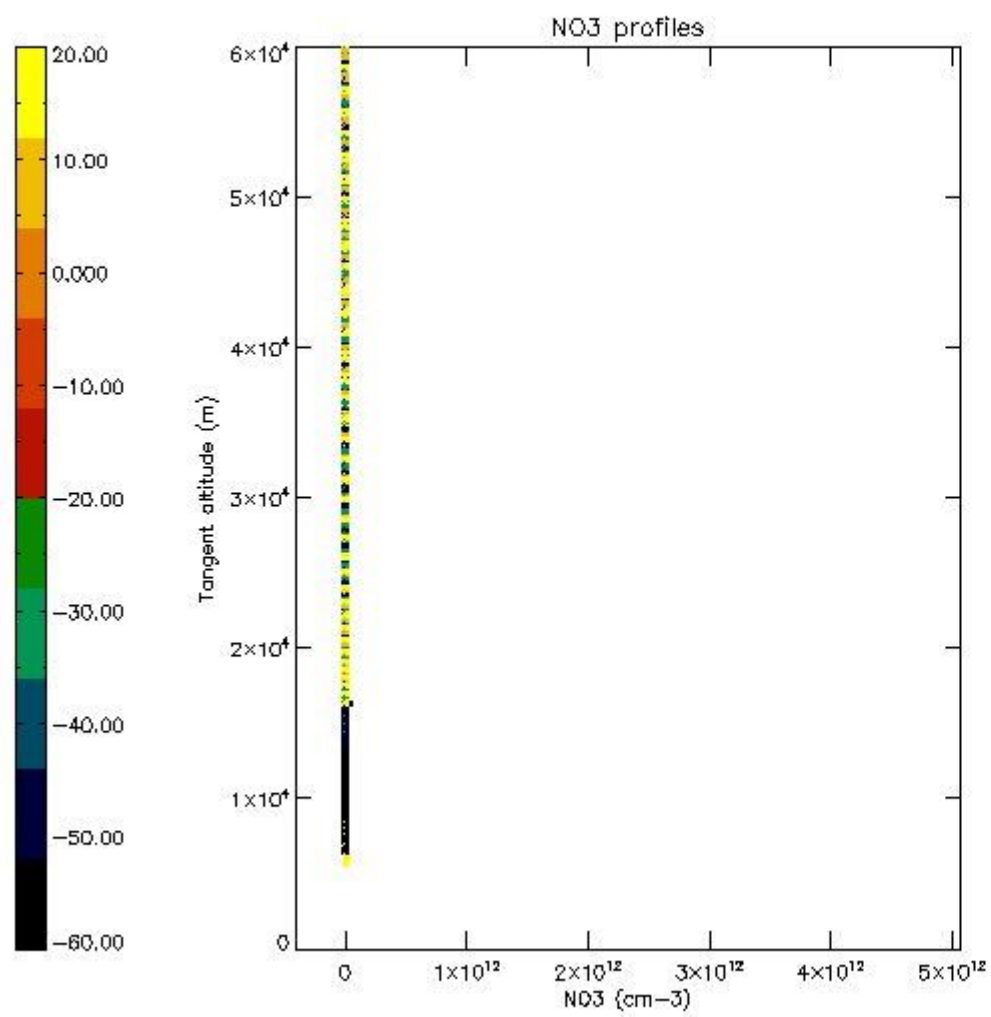
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



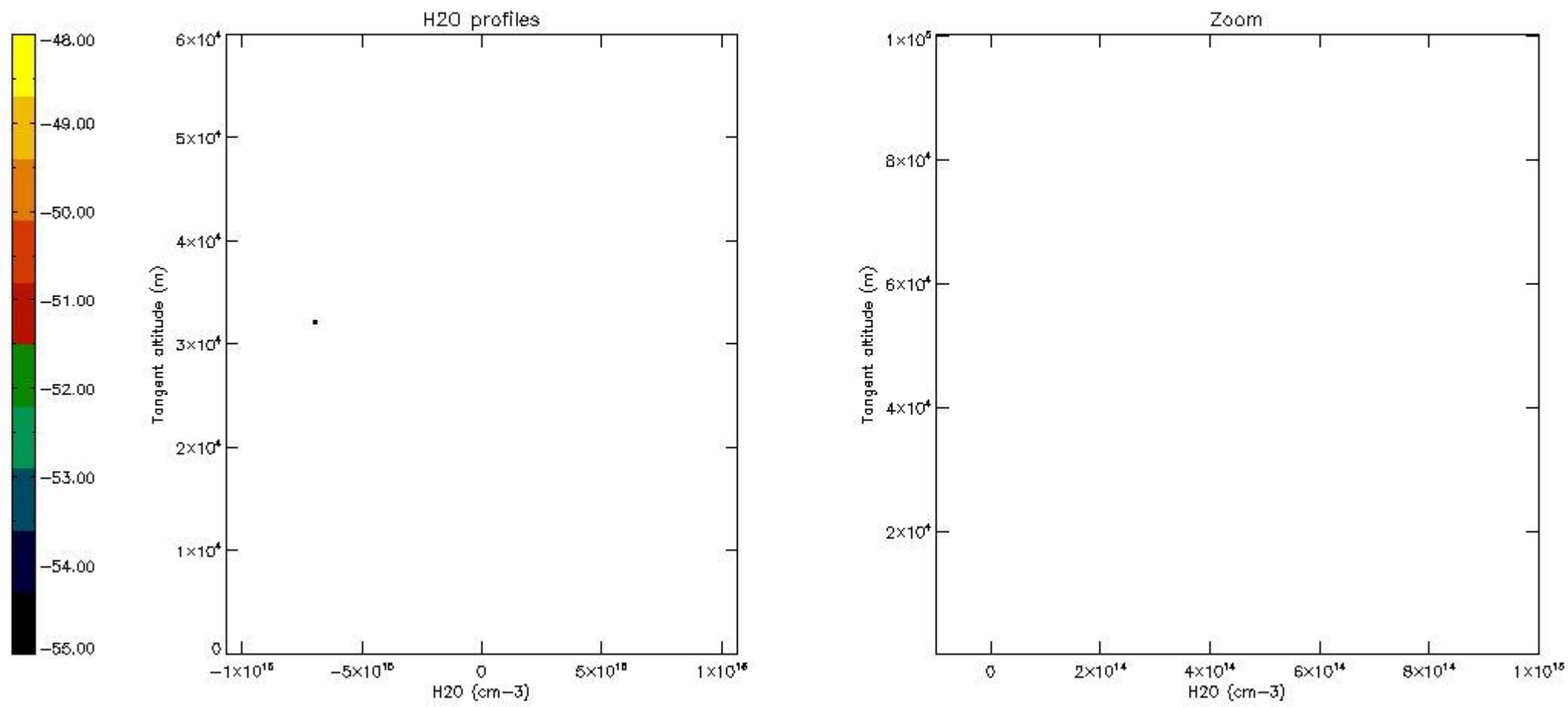
5.7 Plot NO3 profiles for all STD (dark without errors)

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	02-SEP-2010 00:06:33
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-SEP-2010 00:06:33
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-SEP-2010 00:06:33

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 14:55:01
Data source version	GOMOS/6.01
Start time of products	02-09-2010 (02SEP2010 00:00:00)
Stop time of products	03-09-2010 (03SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	251
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__2PRFIN20100902_000633_000000392092_00331_44473_0721.N1	02-SEP-2010 00:06:33	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44473	No
2	GOM_NL__2PRFIN20100902_000915_000000442092_00331_44473_0722.N1	02-SEP-2010 00:09:15	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44473	No
3	GOM_NL__2PRFIN20100902_001122_000000482092_00331_44473_0723.N1	02-SEP-2010 00:11:22	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44473	No
4	GOM_NL__2PRFIN20100902_002705_000000472092_00331_44473_0724.N1	02-SEP-2010 00:27:05	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	44473	No
5	GOM_NL__2PRFIN20100902_003112_000000472092_00331_44473_0725.N1	02-SEP-2010 00:31:12	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	44473	No
6	GOM_NL__2PRFIN20100902_003508_000000652092_00331_44473_0726.N1	02-SEP-2010 00:35:08	Twilight	64.500	151	13Mu Gem	2.8900	3000.0	129	44473	No
7	GOM_NL__2PRFIN20100902_003655_000000532092_00331_44473_0727.N1	02-SEP-2010 00:36:55	Twilight	52.500	44	24Gam Gem	1.9280	11000.	105	44473	No
8	GOM_NL__2PRFIN20100902_003856_000000462092_00331_44473_0728.N1	02-SEP-2010 00:38:56	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	44473	No
9	GOM_NL__2PRFIN20100902_004639_000000512092_00331_44473_0729.N1	02-SEP-2010 00:46:39	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	44473	No
10	GOM_NL__2PRFIN20100902_004923_000000442092_00331_44473_0730.N1	02-SEP-2010 00:49:23	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	44473	No
11	GOM_NL__2PRFIN20100902_005053_000000552092_00331_44473_0731.N1	02-SEP-2010 00:50:53	Dark	54.500	101	11Alp Lep	2.5820	7000.0	109	44473	No
12	GOM_NL__2PRFIN20100902_010628_000000392092_00332_44474_0724.N1	02-SEP-2010 01:06:28	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	44474	No
13	GOM_NL__2PRFIN20100902_010745_000000462092_00332_44474_0725.N1	02-SEP-2010 01:07:45	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44474	No
14	GOM_NL__2PRFIN20100902_011343_000000502092_00332_44474_0726.N1	02-SEP-2010 01:13:43	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	44474	No
15	GOM_NL__2PRFIN20100902_011946_000000492092_00332_44474_0727.N1	02-SEP-2010 01:19:46	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44474	No
16	GOM_NL__2PRFIN20100902_012909_000000402092_00332_44474_0728.N1	02-SEP-2010 01:29:09	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44474	No
17	GOM_NL__2PRFIN20100902_013209_000000402092_00332_44474_0729.N1	02-SEP-2010 01:32:09	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44474	No
18	GOM_NL__2PRFIN20100902_013458_000000472092_00332_44474_0730.N1	02-SEP-2010 01:34:58	Bright	46.500	90	54Alp Peg	2.4870	11000.	93	44474	No
19	GOM_NL__2PRFIN20100902_013910_000000462092_00332_44474_0731.N1	02-SEP-2010 01:39:10	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	44474	No
20	GOM_NL__2PRFIN20100902_014708_000000362092_00332_44474_0732.N1	02-SEP-2010 01:47:08	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	44474	No
21	GOM_NL__2PRFIN20100902_014950_000000442092_00332_44474_0733.N1	02-SEP-2010 01:49:50	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44474	No
22	GOM_NL__2PRFIN20100902_015157_000000462092_00332_44474_0734.N1	02-SEP-2010 01:51:57	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44474	No
23	GOM_NL__2PRFIN20100902_020741_000000482092_00332_44474_0735.N1	02-SEP-2010 02:07:41	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	44474	No
24	GOM_NL__2PRFIN20100902_021032_000000482092_00332_44474_0736.N1	02-SEP-2010 02:10:32	Bright	47.500	107	37The Aur	2.6490	11000.	95	44474	No
25	GOM_NL__2PRFIN20100902_021251_000000542092_00332_44474_0737.N1	02-SEP-2010 02:12:51	Bright	54.000	17	78Bet Gem	1.1610	4500.0	108	44474	No
26	GOM_NL__2PRFIN20100902_021544_000000582092_00332_44474_0738.N1	02-SEP-2010 02:15:44	Twilight	57.500	151	13Mu Gem	2.8900	3000.0	115	44474	No
27	GOM_NL__2PRFIN20100902_021731_000000492092_00332_44474_0739.N1	02-SEP-2010 02:17:31	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	44474	No
28	GOM_NL__2PRFIN20100902_021933_000000532092_00332_44474_0740.N1	02-SEP-2010 02:19:33	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	44474	No
29	GOM_NL__2PRFIN20100902_022716_000000532092_00332_44474_0741.N1	02-SEP-2010 02:27:16	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	44474	No
30	GOM_NL__2PRFIN20100902_023000_000000442092_00332_44474_0742.N1	02-SEP-2010 02:30:00	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	44474	No
31	GOM_NL__2PRFIN20100902_024704_000000402092_00333_44475_0737.N1	02-SEP-2010 02:47:04	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44475	No
32	GOM_NL__2PRFIN20100902_024821_000000472092_00333_44475_0738.N1	02-SEP-2010 02:48:21	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44475	No
33	GOM_NL__2PRFIN20100902_025419_000000472092_00333_44475_0739.N1	02-SEP-2010 02:54:19	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	44475	No
34	GOM_NL__2PRFIN20100902_030023_000000522092_00333_44475_0740.N1	02-SEP-2010 03:00:23	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	44475	No
35	GOM_NL__2PRFIN20100902_030945_000000412092_00333_44475_0741.N1	02-SEP-2010 03:09:45	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44475	No
36	GOM_NL__2PRFIN20100902_031244_000000432092_00333_44475_0742.N1	02-SEP-2010 03:12:44	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	44475	No
37	GOM_NL__2PRFIN20100902_031534_000000502092_00333_44475_0743.N1	02-SEP-2010 03:15:34	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	44475	No
38	GOM_NL__2PRFIN20100902_031946_000000462092_00333_44475_0744.N1	02-SEP-2010 03:19:46	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	44475	No
39	GOM_NL__2PRFIN20100902_032745_000000362092_00333_44475_0745.N1	02-SEP-2010 03:27:45	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	44475	No
40	GOM_NL__2PRFIN20100902_033026_000000412092_00333_44475_0746.N1	02-SEP-2010 03:30:26	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44475	No
41	GOM_NL__2PRFIN20100902_033233_000000462092_00333_44475_0747.N1	02-SEP-2010 03:32:33	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44475	No
42	GOM_NL__2PRFIN20100902_034816_000000462092_00333_44475_0748.N1	02-SEP-2010 03:48:16	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44475	No

43	GOM_NL__2PRFIN20100902_035109_000000522092_00333_44475_0749.N1	02-SEP-2010 03:51:09	Bright	52.000	107	37The Aur	2.6490	11000.	104	44475	No
44	GOM_NL__2PRFIN20100902_035327_000000402092_00333_44475_0750.N1	02-SEP-2010 03:53:27	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	44475	No
45	GOM_NL__2PRFIN20100902_035621_000000642092_00333_44475_0751.N1	02-SEP-2010 03:56:21	Twi_and_stray	63.500	151	13Mu Gem	2.8900	3000.0	127	44475	No
46	GOM_NL__2PRFIN20100902_035807_000000492092_00333_44475_0752.N1	02-SEP-2010 03:58:07	Twi_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	44475	No
47	GOM_NL__2PRFIN20100902_040009_000000472092_00333_44475_0753.N1	02-SEP-2010 04:00:09	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	44475	No
48	GOM_NL__2PRFIN20100902_040752_000000492092_00333_44475_0754.N1	02-SEP-2010 04:07:52	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	44475	No
49	GOM_NL__2PRFIN20100902_041036_000000432092_00333_44475_0755.N1	02-SEP-2010 04:10:36	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	44475	No
50	GOM_NL__2PRFIN20100902_041207_000000562092_00333_44475_0756.N1	02-SEP-2010 04:12:07	Dark	55.500	101	11Alp Lep	2.5820	7000.0	111	44475	No
51	GOM_NL__2PRFIN20100902_042741_000000412092_00334_44476_0748.N1	02-SEP-2010 04:27:41	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44476	No
52	GOM_NL__2PRFIN20100902_042858_000000452092_00334_44476_0749.N1	02-SEP-2010 04:28:58	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44476	No
53	GOM_NL__2PRFIN20100902_043456_000000512092_00334_44476_0750.N1	02-SEP-2010 04:34:56	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44476	No
54	GOM_NL__2PRFIN20100902_044059_000000482092_00334_44476_0751.N1	02-SEP-2010 04:40:59	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44476	No
55	GOM_NL__2PRFIN20100902_045021_000000412092_00334_44476_0752.N1	02-SEP-2010 04:50:21	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	44476	No
56	GOM_NL__2PRFIN20100902_045321_000000412092_00334_44476_0753.N1	02-SEP-2010 04:53:21	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	44476	No
57	GOM_NL__2PRFIN20100902_045609_000000472092_00334_44476_0754.N1	02-SEP-2010 04:56:09	Bright	47.000	90	54Alp Peg	2.4870	11000.	94	44476	No
58	GOM_NL__2PRFIN20100902_050021_000000442092_00334_44476_0755.N1	02-SEP-2010 05:00:21	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	44476	No
59	GOM_NL__2PRFIN20100902_050820_000000372092_00334_44476_0756.N1	02-SEP-2010 05:08:20	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	44476	No
60	GOM_NL__2PRFIN20100902_051101_000000462092_00334_44476_0757.N1	02-SEP-2010 05:11:01	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44476	No
61	GOM_NL__2PRFIN20100902_051308_000000462092_00334_44476_0758.N1	02-SEP-2010 05:13:08	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44476	No
62	GOM_NL__2PRFIN20100902_052852_000000462092_00334_44476_0759.N1	02-SEP-2010 05:28:52	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44476	No
63	GOM_NL__2PRFIN20100902_053144_000000492092_00334_44476_0760.N1	02-SEP-2010 05:31:44	Bright	49.000	107	37The Aur	2.6490	11000.	98	44476	No
64	GOM_NL__2PRFIN20100902_053403_000000402092_00334_44476_0761.N1	02-SEP-2010 05:34:03	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	44476	No
65	GOM_NL__2PRFIN20100902_053657_000000632092_00334_44476_0762.N1	02-SEP-2010 05:36:57	Twi_and_stray	62.500	151	13Mu Gem	2.8900	3000.0	125	44476	No
66	GOM_NL__2PRFIN20100902_053844_000000542092_00334_44476_0763.N1	02-SEP-2010 05:38:44	Twi_and_stray	54.000	44	24Gam Gem	1.9280	11000.	108	44476	No
67	GOM_NL__2PRFIN20100902_054045_000000482092_00334_44476_0764.N1	02-SEP-2010 05:40:45	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	44476	No
68	GOM_NL__2PRFIN20100902_054829_000000542092_00334_44476_0765.N1	02-SEP-2010 05:48:29	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	44476	No
69	GOM_NL__2PRFIN20100902_055113_000000462092_00334_44476_0766.N1	02-SEP-2010 05:51:13	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	44476	No
70	GOM_NL__2PRFIN20100902_055244_000000562092_00334_44476_0767.N1	02-SEP-2010 05:52:44	Dark	55.500	101	11Alp Lep	2.5820	7000.0	111	44476	No
71	GOM_NL__2PRFIN20100902_060817_000000412092_00335_44477_0759.N1	02-SEP-2010 06:08:17	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44477	No
72	GOM_NL__2PRFIN20100902_060935_000000462092_00335_44477_0760.N1	02-SEP-2010 06:09:35	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44477	No
73	GOM_NL__2PRFIN20100902_061532_000000502092_00335_44477_0761.N1	02-SEP-2010 06:15:32	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	44477	No
74	GOM_NL__2PRFIN20100902_062135_000000502092_00335_44477_0762.N1	02-SEP-2010 06:21:35	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	44477	No
75	GOM_NL__2PRFIN20100902_063057_000000412092_00335_44477_0763.N1	02-SEP-2010 06:30:57	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44477	No
76	GOM_NL__2PRFIN20100902_063356_000000412092_00335_44477_0764.N1	02-SEP-2010 06:33:56	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	44477	No
77	GOM_NL__2PRFIN20100902_063645_000000482092_00335_44477_0765.N1	02-SEP-2010 06:36:45	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	44477	No
78	GOM_NL__2PRFIN20100902_064057_000000422092_00335_44477_0766.N1	02-SEP-2010 06:40:57	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	44477	No
79	GOM_NL__2PRFIN20100902_064856_000000372092_00335_44477_0767.N1	02-SEP-2010 06:48:56	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	44477	No
80	GOM_NL__2PRFIN20100902_065136_000000422092_00335_44477_0768.N1	02-SEP-2010 06:51:36	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44477	No
81	GOM_NL__2PRFIN20100902_065343_000000452092_00335_44477_0769.N1	02-SEP-2010 06:53:43	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44477	No
82	GOM_NL__2PRFIN20100902_070928_000000482092_00335_44477_0770.N1	02-SEP-2010 07:09:28	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	44477	No
83	GOM_NL__2PRFIN20100902_071220_000000492092_00335_44477_0771.N1	02-SEP-2010 07:12:20	Bright	48.500	107	37The Aur	2.6490	11000.	97	44477	No
84	GOM_NL__2PRFIN20100902_071439_000000372092_00335_44477_0772.N1	02-SEP-2010 07:14:39	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	44477	No
85	GOM_NL__2PRFIN20100902_071733_000000602092_00335_44477_0773.N1	02-SEP-2010 07:17:33	Twi_and_stray	59.500	151	13Mu Gem	2.8900	3000.0	119	44477	No
86	GOM_NL__2PRFIN20100902_071920_000000522092_00335_44477_0774.N1	02-SEP-2010 07:19:20	Twi_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	44477	No
87	GOM_NL__2PRFIN20100902_072121_000000392092_00335_44477_0775.N1	02-SEP-2010 07:21:21	Twilight	39.000	8	10Alp CMi	0.40000	6500.0	78	44477	No
88	GOM_NL__2PRFIN20100902_072905_000000512092_00335_44477_0776.N1	02-SEP-2010 07:29:05	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	44477	No
89	GOM_NL__2PRFIN20100902_073149_000000462092_00335_44477_0777.N1	02-SEP-2010 07:31:49	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	44477	No
90	GOM_NL__2PRFIN20100902_073321_000000602092_00335_44477_0778.N1	02-SEP-2010 07:33:21	Dark	59.500	101	11Alp Lep	2.5820	7000.0	119	44477	No
91	GOM_NL__2PRFIN20100902_074854_000000412092_00336_44478_0787.N1	02-SEP-2010 07:48:54	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44478	No
92	GOM_NL__2PRFIN20100902_075011_000000552092_00336_44478_0788.N1	02-SEP-2010 07:50:11	Dark	54.500	9	Alp Eri	0.45300	24000.	109	44478	No
93	GOM_NL__2PRFIN20100902_075608_000000522092_00336_44478_0789.N1	02-SEP-2010 07:56:08	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	44478	No
94	GOM_NL__2PRFIN20100902_080211_000000482092_00336_44478_0790.N1	02-SEP-2010 08:02:11	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44478	No
95	GOM_NL__2PRFIN20100902_081133_000000412092_00336_44478_0791.N1	02-SEP-2010 08:11:33	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44478	No
96	GOM_NL__2PRFIN20100902_081433_000000402092_00336_44478_0792.N1	02-SEP-2010 08:14:33	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44478	No
97	GOM_NL__2PRFIN20100902_081720_000000482092_00336_44478_0793.N1	02-SEP-2010 08:17:20	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	44478	No
98	GOM_NL__2PRFIN20100902_082132_000000442092_00336_44478_0794.N1	02-SEP-2010 08:21:32	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44478	No
99	GOM_NL__2PRFIN20100902_082932_000000382092_00336_44478_0795.N1	02-SEP-2010 08:29:32	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44478	No
100	GOM_NL__2PRFIN20100902_083212_000000462092_00336_44478_0796.N1	02-SEP-2010 08:32:12	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44478	No
101	GOM_NL__2PRFIN20100902_083418_000000462092_00336_44478_0797.N1	02-SEP-2010 08:34:18	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44478	No

102	GOM_NL__2PRFIN20100902_085004_000000462092_00336_44478_0798.N1	02-SEP-2010 08:50:04	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44478	No
103	GOM_NL__2PRFIN20100902_085256_000000472092_00336_44478_0799.N1	02-SEP-2010 08:52:56	Bright	46.500	107	37The Aur	2.6490	11000.	93	44478	No
104	GOM_NL__2PRFIN20100902_085515_000000402092_00336_44478_0800.N1	02-SEP-2010 08:55:15	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	44478	No
105	GOM_NL__2PRFIN20100902_085810_000000612092_00336_44478_0801.N1	02-SEP-2010 08:58:10	Twi_and_stray	61.000	151	13Mu Gem	2.8900	3000.0	122	44478	No
106	GOM_NL__2PRFIN20100902_085956_000000532092_00336_44478_0802.N1	02-SEP-2010 08:59:56	Twi_and_stray	53.000	44	24Gam Gem	1.9280	11000.	106	44478	No
107	GOM_NL__2PRFIN20100902_090158_000000452092_00336_44478_0803.N1	02-SEP-2010 09:01:58	Twilight	45.000	8	10Alp CMi	0.40000	6500.0	90	44478	No
108	GOM_NL__2PRFIN20100902_090942_000000492092_00336_44478_0804.N1	02-SEP-2010 09:09:42	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	44478	No
109	GOM_NL__2PRFIN20100902_091226_000000462092_00336_44478_0805.N1	02-SEP-2010 09:12:26	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	44478	No
110	GOM_NL__2PRFIN20100902_091359_000000562092_00336_44478_0806.N1	02-SEP-2010 09:13:59	Dark	56.000	101	11Alp Lep	2.5820	7000.0	112	44478	No
111	GOM_NL__2PRFIN20100902_111007_000000412092_00338_44480_0845.N1	02-SEP-2010 11:10:07	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44480	No
112	GOM_NL__2PRFIN20100902_111124_000000462092_00338_44480_0846.N1	02-SEP-2010 11:11:24	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44480	No
113	GOM_NL__2PRFIN20100902_111721_000000512092_00338_44480_0847.N1	02-SEP-2010 11:17:21	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	44480	No
114	GOM_NL__2PRFIN20100902_112324_000000482092_00338_44480_0848.N1	02-SEP-2010 11:23:24	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44480	No
115	GOM_NL__2PRFIN20100902_113245_000000402092_00338_44480_0849.N1	02-SEP-2010 11:32:45	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44480	No
116	GOM_NL__2PRFIN20100902_113544_000000402092_00338_44480_0850.N1	02-SEP-2010 11:35:44	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44480	No
117	GOM_NL__2PRFIN20100902_113831_000000462092_00338_44480_0851.N1	02-SEP-2010 11:38:31	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	44480	No
118	GOM_NL__2PRFIN20100902_114243_000000462092_00338_44480_0852.N1	02-SEP-2010 11:42:43	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	44480	No
119	GOM_NL__2PRFIN20100902_115322_000000452092_00338_44480_0853.N1	02-SEP-2010 11:53:22	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44480	No
120	GOM_NL__2PRFIN20100902_115529_000000482092_00338_44480_0854.N1	02-SEP-2010 11:55:29	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44480	No
121	GOM_NL__2PRFIN20100902_121115_000000492092_00338_44480_0855.N1	02-SEP-2010 12:11:15	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	44480	No
122	GOM_NL__2PRFIN20100902_121408_000000482092_00338_44480_0856.N1	02-SEP-2010 12:14:08	Bright	48.000	107	37The Aur	2.6490	11000.	96	44480	No
123	GOM_NL__2PRFIN20100902_121627_000000392092_00338_44480_0857.N1	02-SEP-2010 12:16:27	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	44480	No
124	GOM_NL__2PRFIN20100902_121922_000000672092_00338_44480_0858.N1	02-SEP-2010 12:19:22	Twi_and_stray	66.500	151	13Mu Gem	2.8900	3000.0	133	44480	No
125	GOM_NL__2PRFIN20100902_122109_000000502092_00338_44480_0859.N1	02-SEP-2010 12:21:09	Twi_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	44480	No
126	GOM_NL__2PRFIN20100902_122310_000000532092_00338_44480_0860.N1	02-SEP-2010 12:23:10	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	44480	No
127	GOM_NL__2PRFIN20100902_123055_000000522092_00338_44480_0861.N1	02-SEP-2010 12:30:55	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	44480	No
128	GOM_NL__2PRFIN20100902_123513_000000542092_00338_44480_0862.N1	02-SEP-2010 12:35:13	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44480	No
129	GOM_NL__2PRFIN20100902_125043_000000402092_00339_44481_0900.N1	02-SEP-2010 12:50:43	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44481	No
130	GOM_NL__2PRFIN20100902_125201_000000462092_00339_44481_0901.N1	02-SEP-2010 12:52:01	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44481	No
131	GOM_NL__2PRFIN20100902_125758_000000492092_00339_44481_0902.N1	02-SEP-2010 12:57:58	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44481	No
132	GOM_NL__2PRFIN20100902_130400_000000482092_00339_44481_0903.N1	02-SEP-2010 13:04:00	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44481	No
133	GOM_NL__2PRFIN20100902_131321_000000402092_00339_44481_0904.N1	02-SEP-2010 13:13:21	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44481	No
134	GOM_NL__2PRFIN20100902_131620_000000372092_00339_44481_0905.N1	02-SEP-2010 13:16:20	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44481	No
135	GOM_NL__2PRFIN20100902_131906_000000472092_00339_44481_0906.N1	02-SEP-2010 13:19:06	Bright	46.500	90	54Alp Peg	2.4870	11000.	93	44481	No
136	GOM_NL__2PRFIN20100902_132319_000000422092_00339_44481_0907.N1	02-SEP-2010 13:23:19	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44481	No
137	GOM_NL__2PRFIN20100902_133357_000000462092_00339_44481_0908.N1	02-SEP-2010 13:33:57	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44481	No
138	GOM_NL__2PRFIN20100902_133604_000000452092_00339_44481_0909.N1	02-SEP-2010 13:36:04	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44481	No
139	GOM_NL__2PRFIN20100902_135151_000000482092_00339_44481_0910.N1	02-SEP-2010 13:51:51	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	44481	No
140	GOM_NL__2PRFIN20100902_135444_000000532092_00339_44481_0911.N1	02-SEP-2010 13:54:44	Bright	53.000	107	37The Aur	2.6490	11000.	106	44481	No
141	GOM_NL__2PRFIN20100902_135703_000000402092_00339_44481_0912.N1	02-SEP-2010 13:57:03	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	44481	No
142	GOM_NL__2PRFIN20100902_135958_000000582092_00339_44481_0913.N1	02-SEP-2010 13:59:58	Twi_and_stray	57.500	151	13Mu Gem	2.8900	3000.0	115	44481	No
143	GOM_NL__2PRFIN20100902_140145_000000492092_00339_44481_0914.N1	02-SEP-2010 14:01:45	Twi_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	44481	No
144	GOM_NL__2PRFIN20100902_140346_000000542092_00339_44481_0915.N1	02-SEP-2010 14:03:46	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	44481	No
145	GOM_NL__2PRFIN20100902_141131_000000522092_00339_44481_0916.N1	02-SEP-2010 14:11:31	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	44481	No
146	GOM_NL__2PRFIN20100902_141550_000000572092_00339_44481_0917.N1	02-SEP-2010 14:15:50	Dark	56.500	101	11Alp Lep	2.5820	7000.0	113	44481	No
147	GOM_NL__2PRFIN20100902_143119_000000422092_00340_44482_0911.N1	02-SEP-2010 14:31:19	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	44482	No
148	GOM_NL__2PRFIN20100902_143237_000000452092_00340_44482_0912.N1	02-SEP-2010 14:32:37	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44482	No
149	GOM_NL__2PRFIN20100902_143834_000000512092_00340_44482_0913.N1	02-SEP-2010 14:38:34	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44482	No
150	GOM_NL__2PRFIN20100902_144436_000000512092_00340_44482_0914.N1	02-SEP-2010 14:44:36	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44482	No
151	GOM_NL__2PRFIN20100902_145357_000000392092_00340_44482_0915.N1	02-SEP-2010 14:53:57	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44482	No
152	GOM_NL__2PRFIN20100902_145656_000000382092_00340_44482_0916.N1	02-SEP-2010 14:56:56	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44482	No
153	GOM_NL__2PRFIN20100902_145942_000000462092_00340_44482_0917.N1	02-SEP-2010 14:59:42	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	44482	No
154	GOM_NL__2PRFIN20100902_150354_000000412092_00340_44482_0918.N1	02-SEP-2010 15:03:54	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	44482	No
155	GOM_NL__2PRFIN20100902_151433_000000422092_00340_44482_0919.N1	02-SEP-2010 15:14:33	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44482	No
156	GOM_NL__2PRFIN20100902_151639_000000462092_00340_44482_0920.N1	02-SEP-2010 15:16:39	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44482	No
157	GOM_NL__2PRFIN20100902_153227_000000462092_00340_44482_0921.N1	02-SEP-2010 15:32:27	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44482	No
158	GOM_NL__2PRFIN20100902_153520_000000702092_00340_44482_0922.N1	02-SEP-2010 15:35:20	Bright	70.000	107	37The Aur	2.6490	11000.	140	44482	No
159	GOM_NL__2PRFIN20100902_153739_000000392092_00340_44482_0923.N1	02-SEP-2010 15:37:39	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	44482	No
160	GOM_NL__2PRFIN20100902_154035_000000572092_00340_44482_0924.N1	02-SEP-2010 15:40:35	Twi_and_stray	57.000	151	13Mu Gem	2.8900	3000.0	114	44482	No

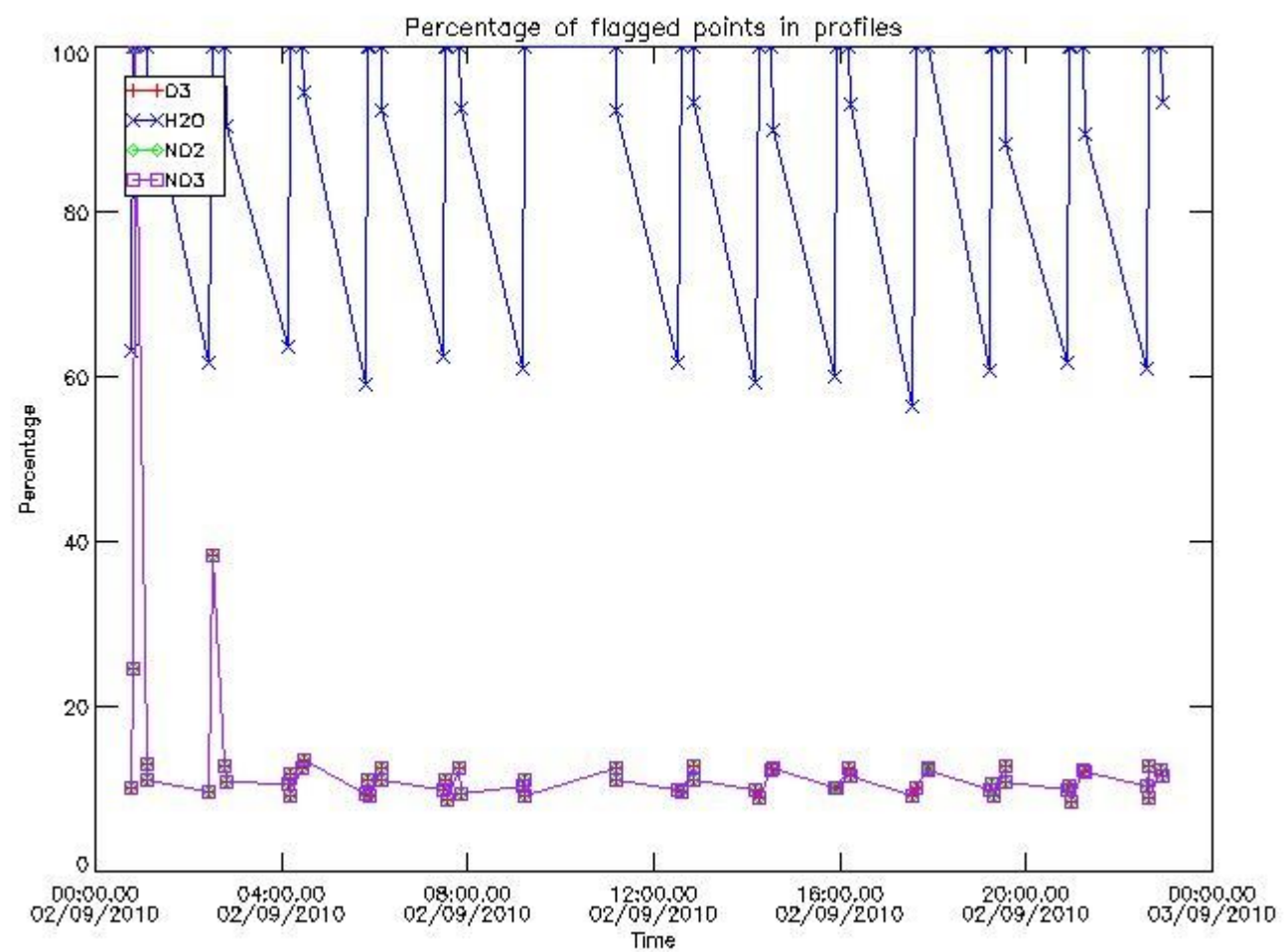
161	GOM_NL__2PRFIN20100902_154222_000000522092_00340_44482_0925.N1	02-SEP-2010 15:42:22	Twilight	52.000	44	24Gam Gem	1.9280	11000.	104	44482	No
162	GOM_NL__2PRFIN20100902_154422_000000442092_00340_44482_0926.N1	02-SEP-2010 15:44:22	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	44482	No
163	GOM_NL__2PRFIN20100902_155208_000000512092_00340_44482_0927.N1	02-SEP-2010 15:52:08	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	44482	No
164	GOM_NL__2PRFIN20100902_155628_000000552092_00340_44482_0928.N1	02-SEP-2010 15:56:28	Dark	55.000	101	11Alp Lep	2.5820	7000.0	110	44482	No
165	GOM_NL__2PRFIN20100902_161156_000000412092_00341_44483_0973.N1	02-SEP-2010 16:11:56	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44483	No
166	GOM_NL__2PRFIN20100902_161314_000000442092_00341_44483_0974.N1	02-SEP-2010 16:13:14	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44483	No
167	GOM_NL__2PRFIN20100902_161911_000000512092_00341_44483_0975.N1	02-SEP-2010 16:19:11	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44483	No
168	GOM_NL__2PRFIN20100902_162512_000000482092_00341_44483_0976.N1	02-SEP-2010 16:25:12	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44483	No
169	GOM_NL__2PRFIN20100902_163432_000000412092_00341_44483_0977.N1	02-SEP-2010 16:34:32	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44483	No
170	GOM_NL__2PRFIN20100902_163732_000000382092_00341_44483_0978.N1	02-SEP-2010 16:37:32	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44483	No
171	GOM_NL__2PRFIN20100902_164017_000000482092_00341_44483_0979.N1	02-SEP-2010 16:40:17	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	44483	No
172	GOM_NL__2PRFIN20100902_164429_000000432092_00341_44483_0980.N1	02-SEP-2010 16:44:29	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44483	No
173	GOM_NL__2PRFIN20100902_165508_000000452092_00341_44483_0981.N1	02-SEP-2010 16:55:08	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44483	No
174	GOM_NL__2PRFIN20100902_165715_000000442092_00341_44483_0982.N1	02-SEP-2010 16:57:15	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	44483	No
175	GOM_NL__2PRFIN20100902_171303_000000462092_00341_44483_0983.N1	02-SEP-2010 17:13:03	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44483	No
176	GOM_NL__2PRFIN20100902_171556_000000512092_00341_44483_0984.N1	02-SEP-2010 17:15:56	Bright	50.500	107	37The Aur	2.6490	11000.	101	44483	No
177	GOM_NL__2PRFIN20100902_171816_000000382092_00341_44483_0985.N1	02-SEP-2010 17:18:16	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	44483	No
178	GOM_NL__2PRFIN20100902_172111_000000562092_00341_44483_0986.N1	02-SEP-2010 17:21:11	Twilight	56.000	151	13Mu Gem	2.8900	3000.0	112	44483	No
179	GOM_NL__2PRFIN20100902_172258_000000512092_00341_44483_0987.N1	02-SEP-2010 17:22:58	Twilight	51.000	44	24Gam Gem	1.9280	11000.	102	44483	No
180	GOM_NL__2PRFIN20100902_172459_000000422092_00341_44483_0988.N1	02-SEP-2010 17:24:59	Twilight	41.500	8	10Alp CMi	0.40000	6500.0	83	44483	No
181	GOM_NL__2PRFIN20100902_173245_000000562092_00341_44483_0989.N1	02-SEP-2010 17:32:45	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	44483	No
182	GOM_NL__2PRFIN20100902_173705_000000552092_00341_44483_0990.N1	02-SEP-2010 17:37:05	Dark	55.000	101	11Alp Lep	2.5820	7000.0	110	44483	No
183	GOM_NL__2PRFIN20100902_175233_000000412092_00342_44484_1003.N1	02-SEP-2010 17:52:33	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44484	No
184	GOM_NL__2PRFIN20100902_175350_000000462092_00342_44484_1004.N1	02-SEP-2010 17:53:50	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44484	No
185	GOM_NL__2PRFIN20100902_175947_000000532092_00342_44484_1005.N1	02-SEP-2010 17:59:47	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44484	No
186	GOM_NL__2PRFIN20100902_180549_000000482092_00342_44484_1006.N1	02-SEP-2010 18:05:49	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44484	No
187	GOM_NL__2PRFIN20100902_181508_000000402092_00342_44484_1007.N1	02-SEP-2010 18:15:08	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44484	No
188	GOM_NL__2PRFIN20100902_181808_000000382092_00342_44484_1008.N1	02-SEP-2010 18:18:08	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44484	No
189	GOM_NL__2PRFIN20100902_182053_000000482092_00342_44484_1009.N1	02-SEP-2010 18:20:53	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	44484	No
190	GOM_NL__2PRFIN20100902_182505_000000422092_00342_44484_1010.N1	02-SEP-2010 18:25:05	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44484	No
191	GOM_NL__2PRFIN20100902_183544_000000452092_00342_44484_1011.N1	02-SEP-2010 18:35:44	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44484	No
192	GOM_NL__2PRFIN20100902_183750_000000462092_00342_44484_1012.N1	02-SEP-2010 18:37:50	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44484	No
193	GOM_NL__2PRFIN20100902_185339_000000492092_00342_44484_1013.N1	02-SEP-2010 18:53:39	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	44484	No
194	GOM_NL__2PRFIN20100902_185632_000000472092_00342_44484_1014.N1	02-SEP-2010 18:56:32	Bright	46.500	107	37The Aur	2.6490	11000.	93	44484	No
195	GOM_NL__2PRFIN20100902_185852_000000372092_00342_44484_1015.N1	02-SEP-2010 18:58:52	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	44484	No
196	GOM_NL__2PRFIN20100902_190147_000000632092_00342_44484_1016.N1	02-SEP-2010 19:01:47	Twilight	62.500	151	13Mu Gem	2.8900	3000.0	125	44484	No
197	GOM_NL__2PRFIN20100902_190334_000000522092_00342_44484_1017.N1	02-SEP-2010 19:03:34	Twilight	52.000	44	24Gam Gem	1.9280	11000.	104	44484	No
198	GOM_NL__2PRFIN20100902_190535_000000432092_00342_44484_1018.N1	02-SEP-2010 19:05:35	Twilight	43.000	8	10Alp CMi	0.40000	6500.0	86	44484	No
199	GOM_NL__2PRFIN20100902_191322_000000522092_00342_44484_1019.N1	02-SEP-2010 19:13:22	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	44484	No
200	GOM_NL__2PRFIN20100902_191440_000000482092_00342_44484_1020.N1	02-SEP-2010 19:14:40	Dark	48.000	47	2Bet CMa	1.9760	28000.	96	44484	No
201	GOM_NL__2PRFIN20100902_191742_000000562092_00342_44484_1021.N1	02-SEP-2010 19:17:42	Dark	56.000	101	11Alp Lep	2.5820	7000.0	112	44484	No
202	GOM_NL__2PRFIN20100902_193309_000000402092_00343_44485_1034.N1	02-SEP-2010 19:33:09	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44485	No
203	GOM_NL__2PRFIN20100902_193427_000000472092_00343_44485_1035.N1	02-SEP-2010 19:34:27	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44485	No
204	GOM_NL__2PRFIN20100902_194024_000000552092_00343_44485_1036.N1	02-SEP-2010 19:40:24	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44485	No
205	GOM_NL__2PRFIN20100902_194625_000000502092_00343_44485_1037.N1	02-SEP-2010 19:46:25	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	44485	No
206	GOM_NL__2PRFIN20100902_195544_000000402092_00343_44485_1038.N1	02-SEP-2010 19:55:44	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44485	No
207	GOM_NL__2PRFIN20100902_195844_000000372092_00343_44485_1039.N1	02-SEP-2010 19:58:44	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44485	No
208	GOM_NL__2PRFIN20100902_200128_000000492092_00343_44485_1040.N1	02-SEP-2010 20:01:28	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	44485	No
209	GOM_NL__2PRFIN20100902_200540_000000422092_00343_44485_1041.N1	02-SEP-2010 20:05:40	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	44485	No
210	GOM_NL__2PRFIN20100902_201619_000000452092_00343_44485_1042.N1	02-SEP-2010 20:16:19	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44485	No
211	GOM_NL__2PRFIN20100902_201825_000000462092_00343_44485_1043.N1	02-SEP-2010 20:18:25	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44485	No
212	GOM_NL__2PRFIN20100902_203415_000000462092_00343_44485_1044.N1	02-SEP-2010 20:34:15	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	44485	No
213	GOM_NL__2PRFIN20100902_203708_000000502092_00343_44485_1045.N1	02-SEP-2010 20:37:08	Bright	49.500	107	37The Aur	2.6490	11000.	99	44485	No
214	GOM_NL__2PRFIN20100902_203928_000000402092_00343_44485_1046.N1	02-SEP-2010 20:39:28	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	44485	No
215	GOM_NL__2PRFIN20100902_204223_000000622092_00343_44485_1047.N1	02-SEP-2010 20:42:23	Twilight	61.500	151	13Mu Gem	2.8900	3000.0	123	44485	No
216	GOM_NL__2PRFIN20100902_204411_000000532092_00343_44485_1048.N1	02-SEP-2010 20:44:11	Twilight	52.500	44	24Gam Gem	1.9280	11000.	105	44485	No
217	GOM_NL__2PRFIN20100902_204611_000000512092_00343_44485_1049.N1	02-SEP-2010 20:46:11	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	44485	No
218	GOM_NL__2PRFIN20100902_205358_000000522092_00343_44485_1050.N1	02-SEP-2010 20:53:58	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	44485	No
219	GOM_NL__2PRFIN20100902_205517_000000492092_00343_44485_1051.N1	02-SEP-2010 20:55:17	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	44485	No

220	GOM_NL__2PRFIN20100902_205819_000000612092_00343_44485_1052.N1	02-SEP-2010 20:58:19	Dark	61.000	101	11Alp Lep	2.5820	7000.0	122	44485	No
221	GOM_NL__2PRFIN20100902_211346_000000422092_00344_44486_1067.N1	02-SEP-2010 21:13:46	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	44486	No
222	GOM_NL__2PRFIN20100902_211503_000000432092_00344_44486_1068.N1	02-SEP-2010 21:15:03	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44486	No
223	GOM_NL__2PRFIN20100902_212100_000000562092_00344_44486_1069.N1	02-SEP-2010 21:21:00	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44486	No
224	GOM_NL__2PRFIN20100902_212701_000000512092_00344_44486_1070.N1	02-SEP-2010 21:27:01	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44486	No
225	GOM_NL__2PRFIN20100902_213620_000000402092_00344_44486_1071.N1	02-SEP-2010 21:36:20	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44486	No
226	GOM_NL__2PRFIN20100902_213920_000000392092_00344_44486_1072.N1	02-SEP-2010 21:39:20	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44486	No
227	GOM_NL__2PRFIN20100902_214203_000000482092_00344_44486_1073.N1	02-SEP-2010 21:42:03	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	44486	No
228	GOM_NL__2PRFIN20100902_214616_000000412092_00344_44486_1074.N1	02-SEP-2010 21:46:16	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	44486	No
229	GOM_NL__2PRFIN20100902_215654_000000452092_00344_44486_1075.N1	02-SEP-2010 21:56:54	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44486	No
230	GOM_NL__2PRFIN20100902_215900_000000472092_00344_44486_1076.N1	02-SEP-2010 21:59:00	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44486	No
231	GOM_NL__2PRFIN20100902_221450_000000502092_00344_44486_1077.N1	02-SEP-2010 22:14:50	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	44486	No
232	GOM_NL__2PRFIN20100902_221744_000000492092_00344_44486_1078.N1	02-SEP-2010 22:17:44	Bright	49.000	107	37The Aur	2.6490	11000.	98	44486	No
233	GOM_NL__2PRFIN20100902_222004_000000542092_00344_44486_1079.N1	02-SEP-2010 22:20:04	Bright	54.000	17	78Bet Gem	1.1610	4500.0	108	44486	No
234	GOM_NL__2PRFIN20100902_222259_000000572092_00344_44486_1080.N1	02-SEP-2010 22:22:59	Twilight	56.500	151	13Mu Gem	2.8900	3000.0	113	44486	No
235	GOM_NL__2PRFIN20100902_222447_000000532092_00344_44486_1081.N1	02-SEP-2010 22:24:47	Twilight	53.000	44	24Gam Gem	1.9280	11000.	106	44486	No
236	GOM_NL__2PRFIN20100902_222647_000000482092_00344_44486_1082.N1	02-SEP-2010 22:26:47	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	44486	No
237	GOM_NL__2PRFIN20100902_223434_000000492092_00344_44486_1083.N1	02-SEP-2010 22:34:34	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	44486	No
238	GOM_NL__2PRFIN20100902_223717_000000442092_00344_44486_1084.N1	02-SEP-2010 22:37:17	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	44486	No
239	GOM_NL__2PRFIN20100902_223856_000000582092_00344_44486_1085.N1	02-SEP-2010 22:38:56	Dark	57.500	101	11Alp Lep	2.5820	7000.0	115	44486	No
240	GOM_NL__2PRFIN20100902_225422_000000422092_00345_44487_1084.N1	02-SEP-2010 22:54:22	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	44487	No
241	GOM_NL__2PRFIN20100902_225540_000000452092_00345_44487_1085.N1	02-SEP-2010 22:55:40	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44487	No
242	GOM_NL__2PRFIN20100902_230137_000000492092_00345_44487_1086.N1	02-SEP-2010 23:01:37	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44487	No
243	GOM_NL__2PRFIN20100902_230737_000000542092_00345_44487_1087.N1	02-SEP-2010 23:07:37	Straylight	53.500	18	24Alp PsA	1.1660	9700.0	107	44487	No
244	GOM_NL__2PRFIN20100902_231656_000000402092_00345_44487_1088.N1	02-SEP-2010 23:16:56	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44487	No
245	GOM_NL__2PRFIN20100902_231956_000000392092_00345_44487_1089.N1	02-SEP-2010 23:19:56	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44487	No
246	GOM_NL__2PRFIN20100902_232239_000000462092_00345_44487_1090.N1	02-SEP-2010 23:22:39	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	44487	No
247	GOM_NL__2PRFIN20100902_232651_000000452092_00345_44487_1091.N1	02-SEP-2010 23:26:51	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	44487	No
248	GOM_NL__2PRFIN20100902_233729_000000452092_00345_44487_1092.N1	02-SEP-2010 23:37:29	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44487	No
249	GOM_NL__2PRFIN20100902_233935_000000462092_00345_44487_1093.N1	02-SEP-2010 23:39:35	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44487	No
250	GOM_NL__2PRFIN20100902_235526_000000472092_00345_44487_1094.N1	02-SEP-2010 23:55:26	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	44487	No
251	GOM_NL__2PRFIN20100902_235820_000000492092_00345_44487_1095.N1	02-SEP-2010 23:58:20	Bright	49.000	107	37The Aur	2.6490	11000.	98	44487	No

3. Quality information per product

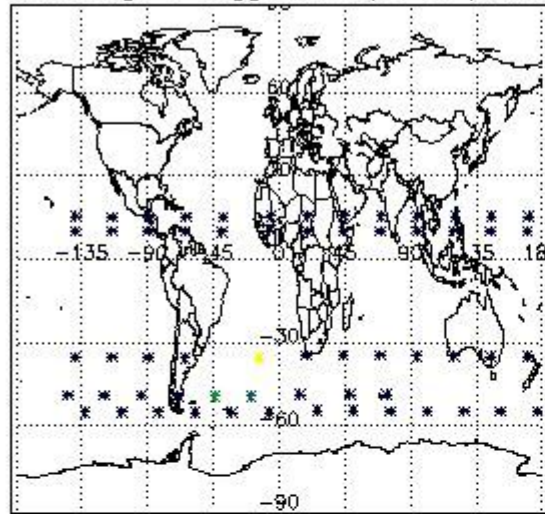
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

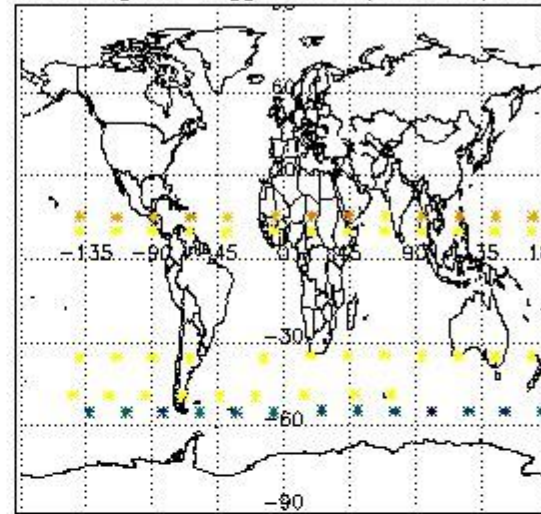


3.2 Plot quality information per product (world map)

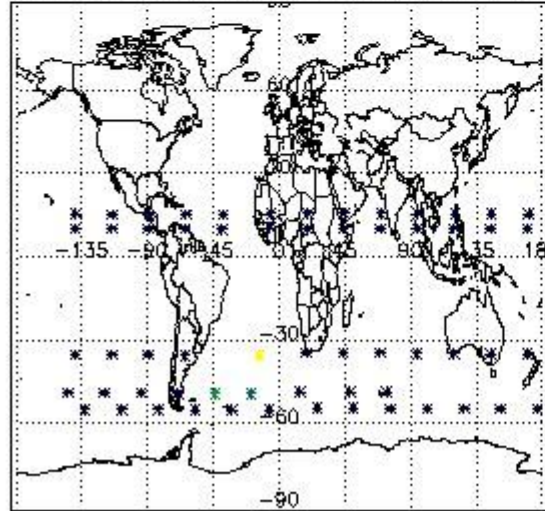
Percentage of flagged data per O3 profile



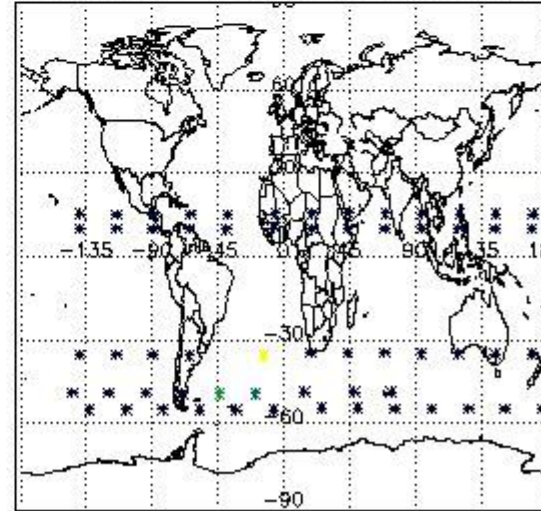
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

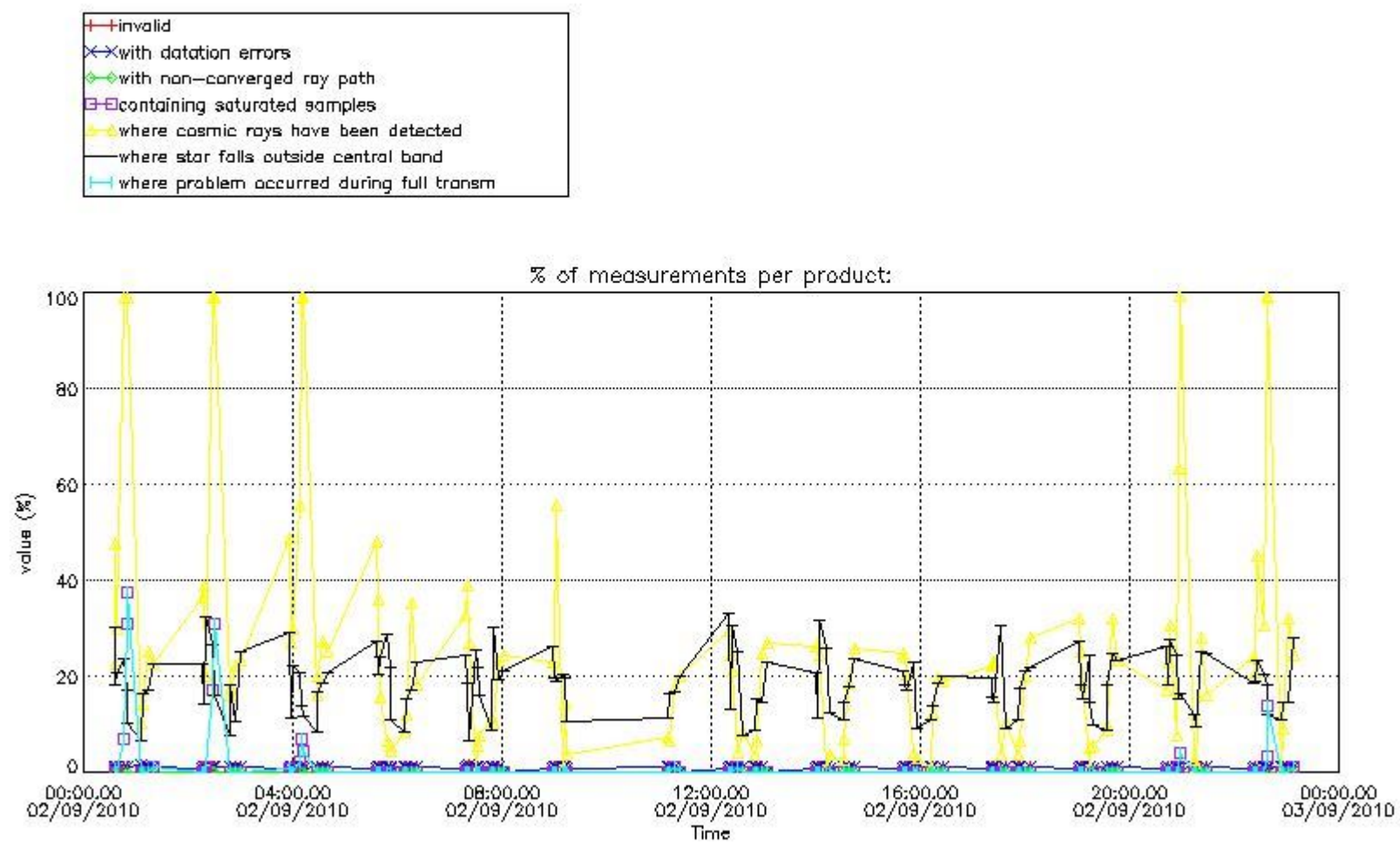


4. Level 1 quality information per product

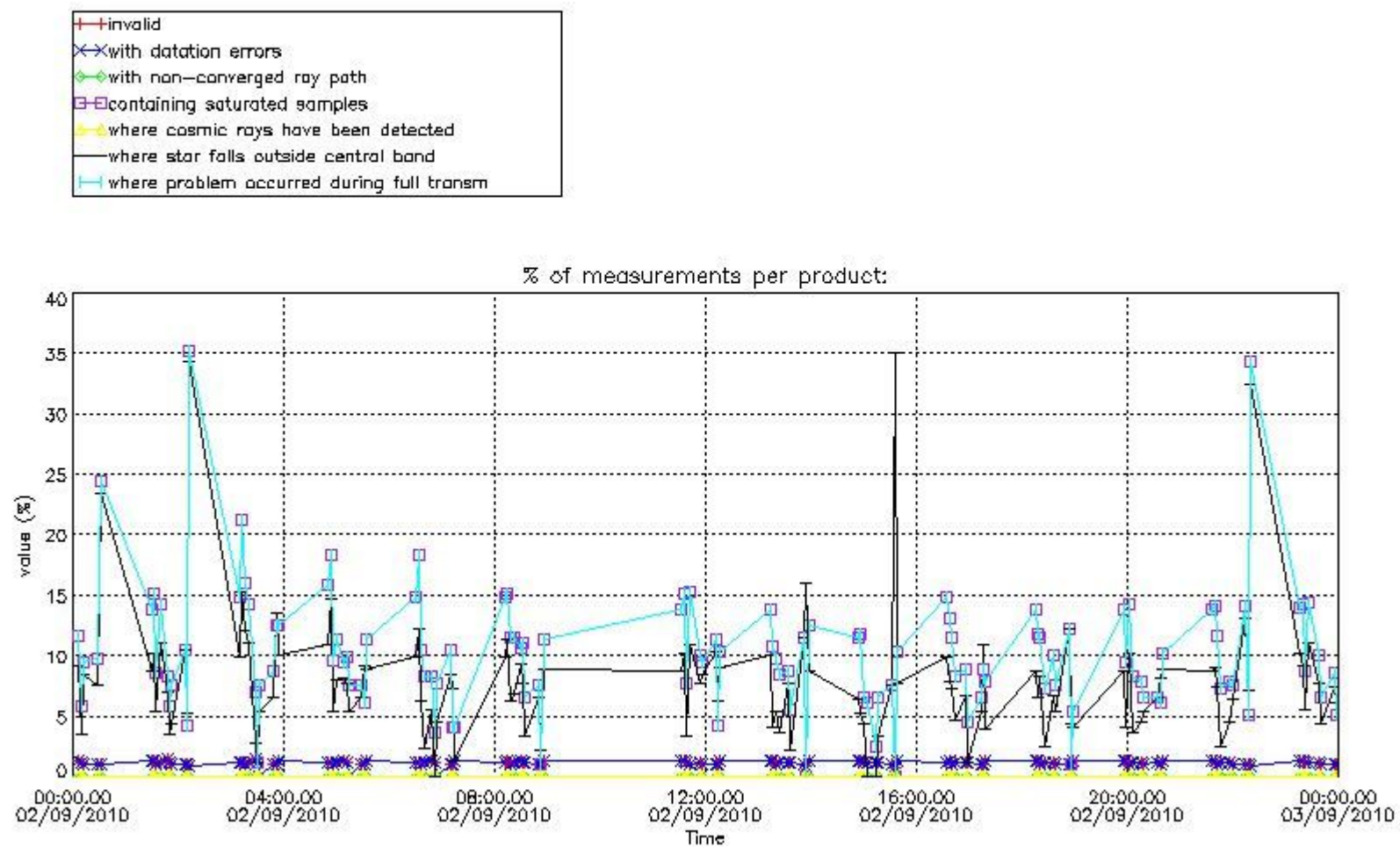
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



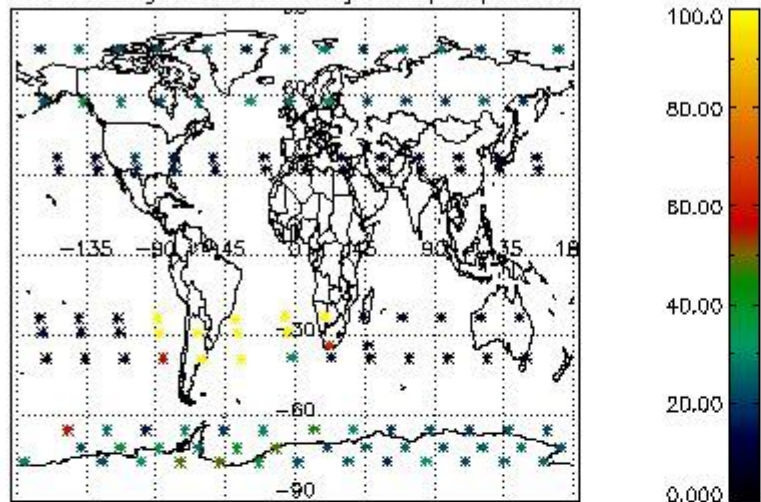
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



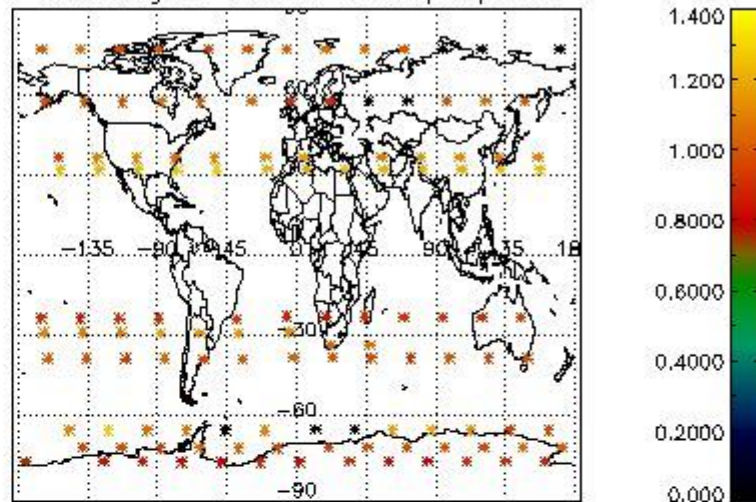
4.2 Plot quality information per product coming from level 1b processing (world map)

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

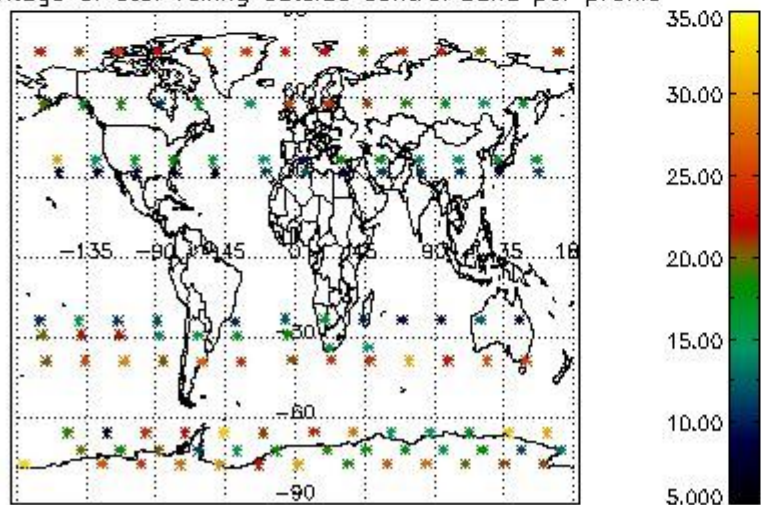
Percentage of cosmic ray hits per profile



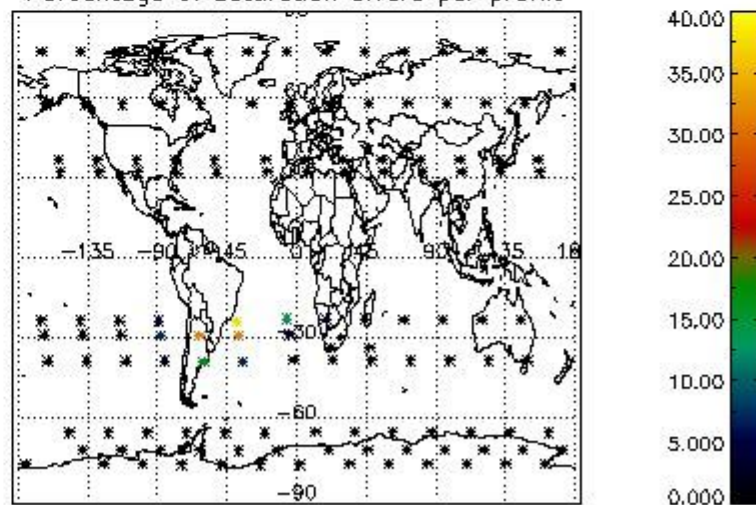
Percentage of datation errors per profile



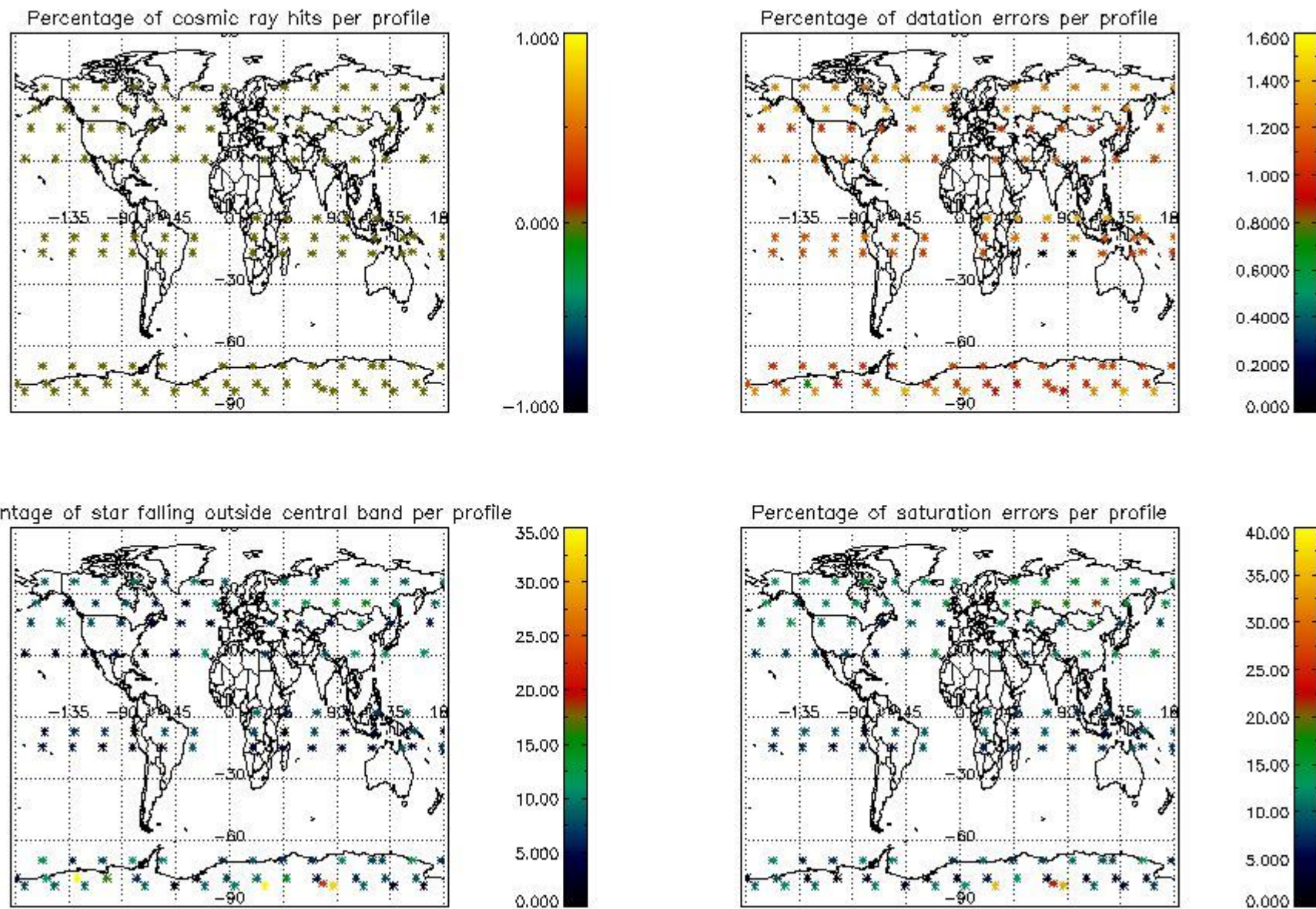
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

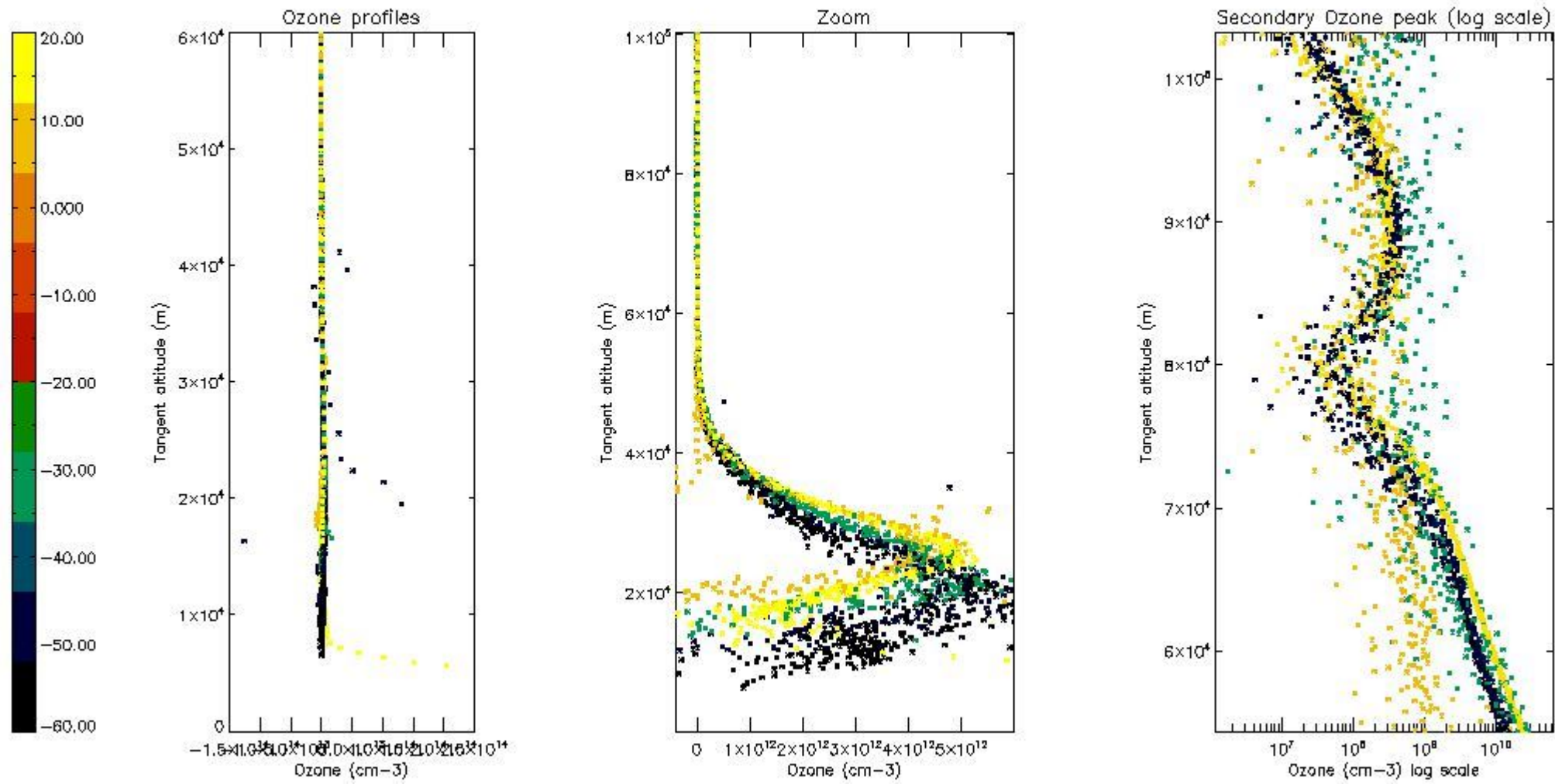
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	14

STD < 10	11
STD < 5	8

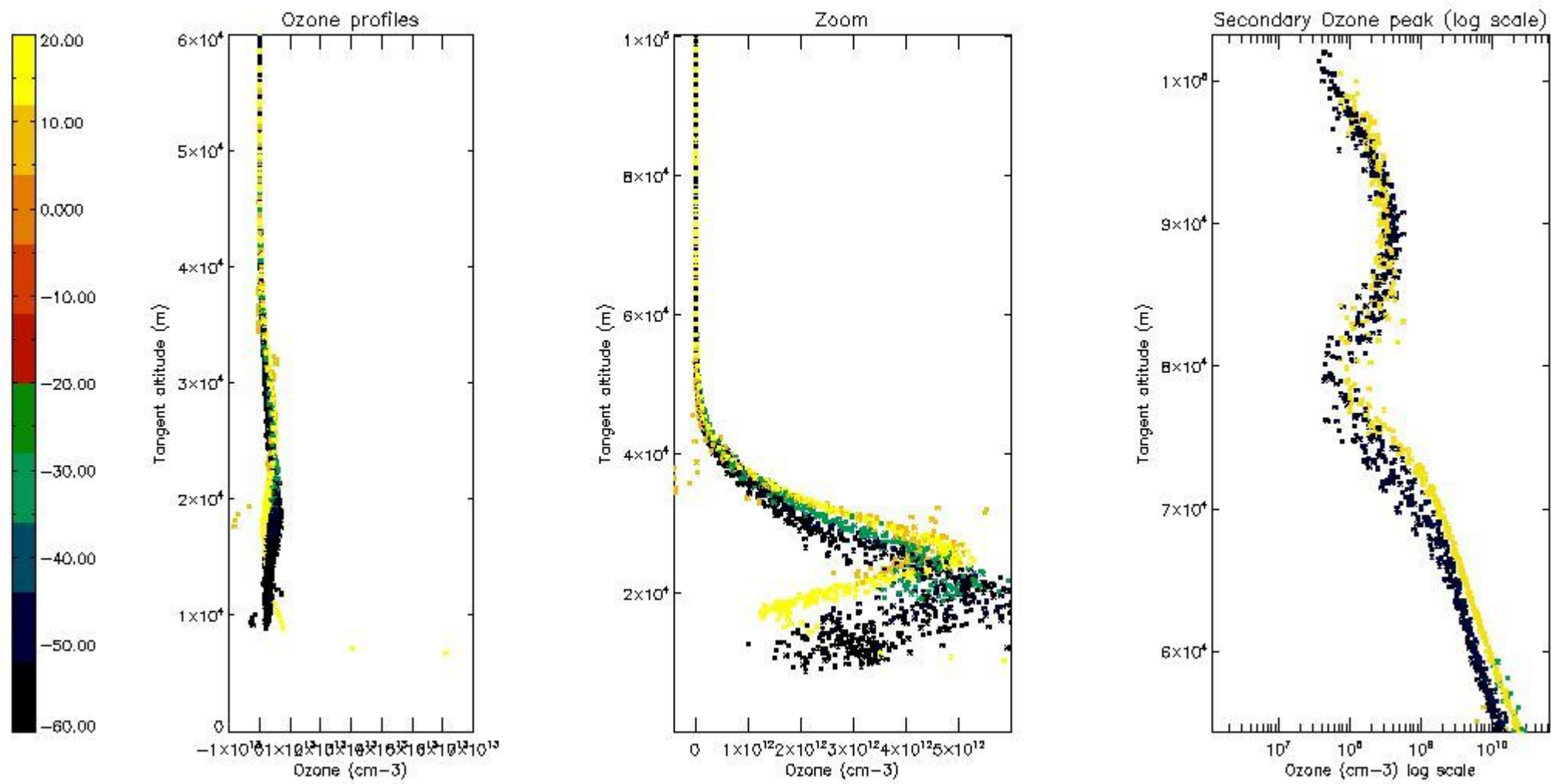
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



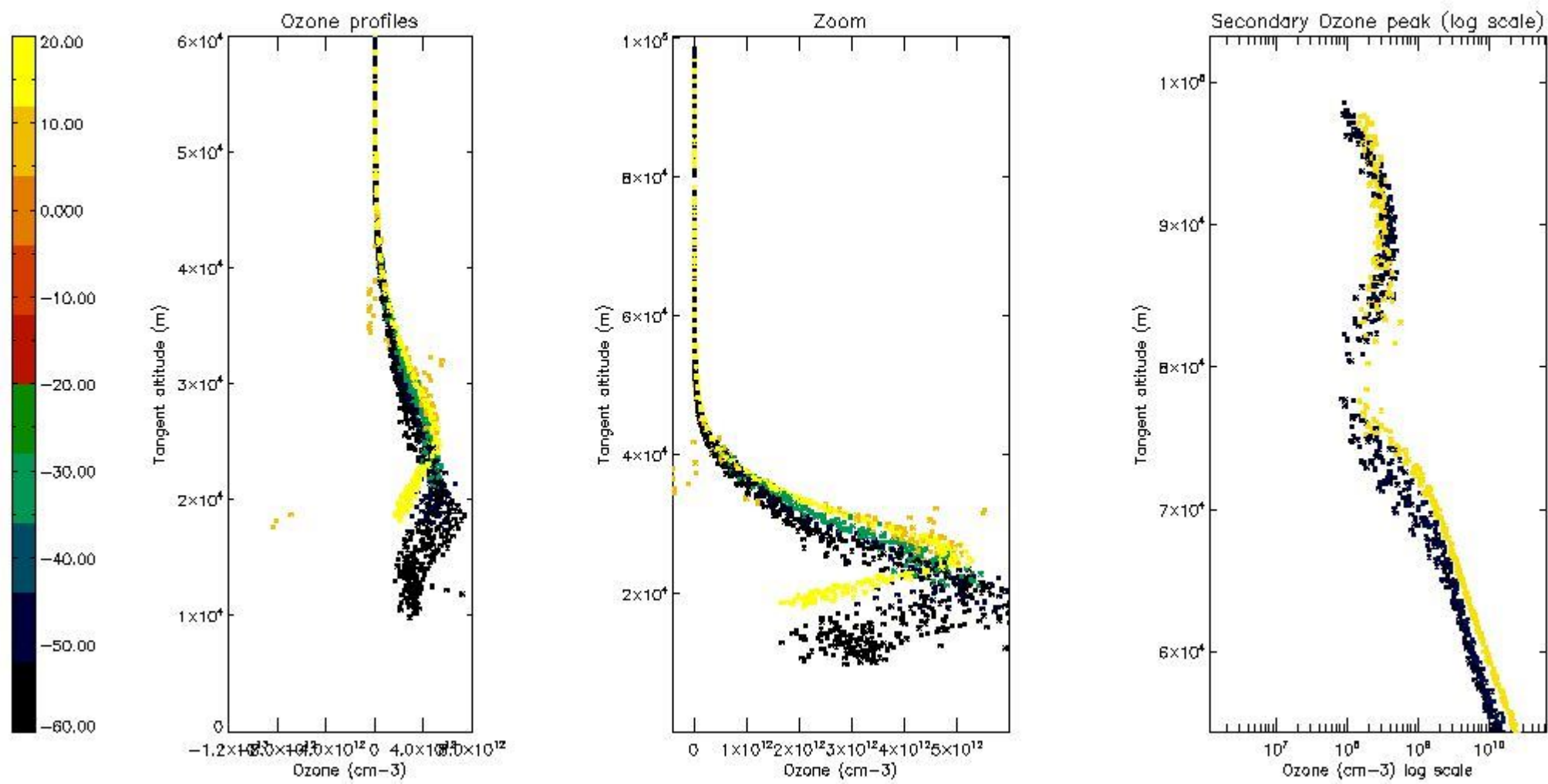
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



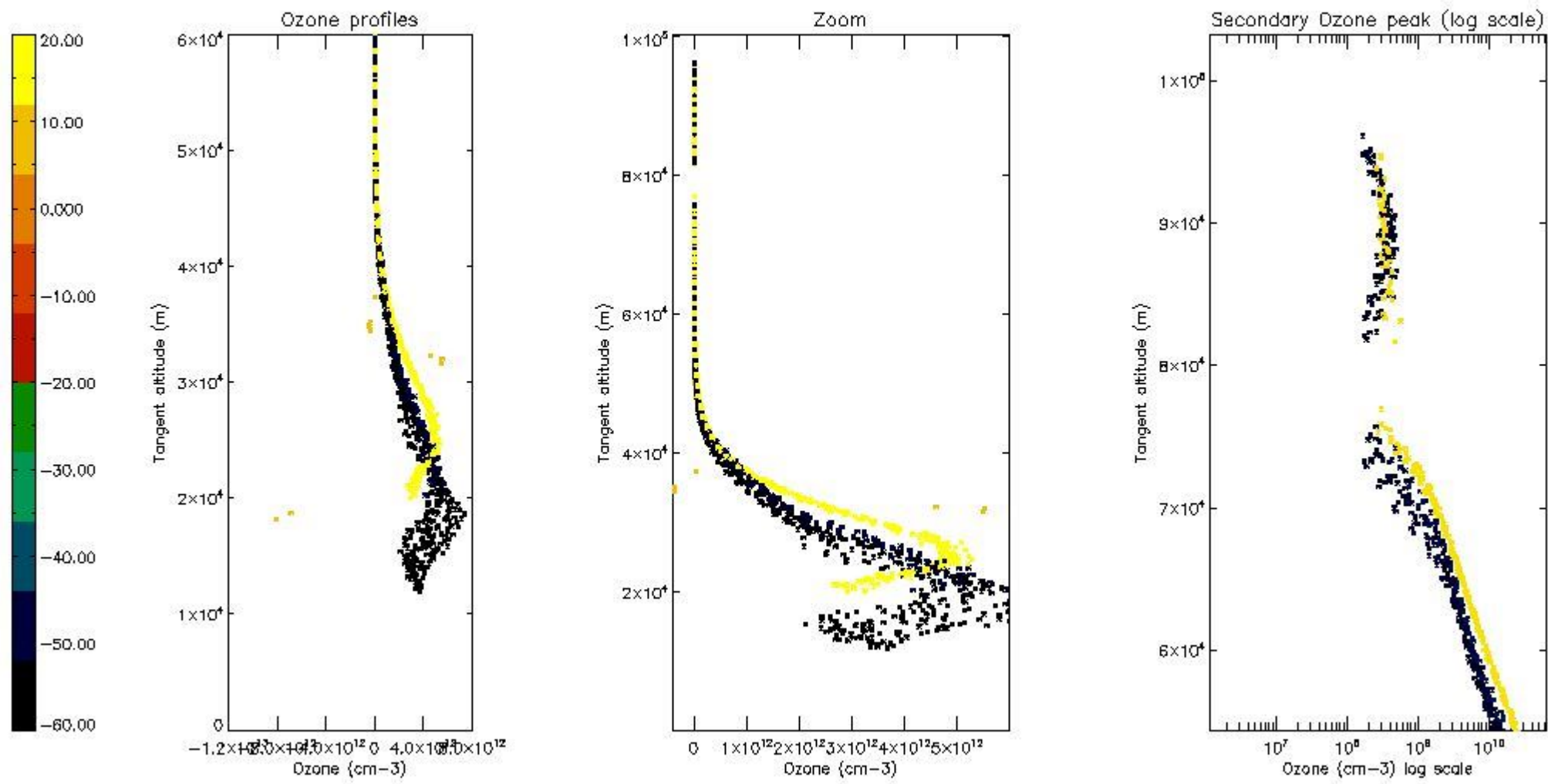
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



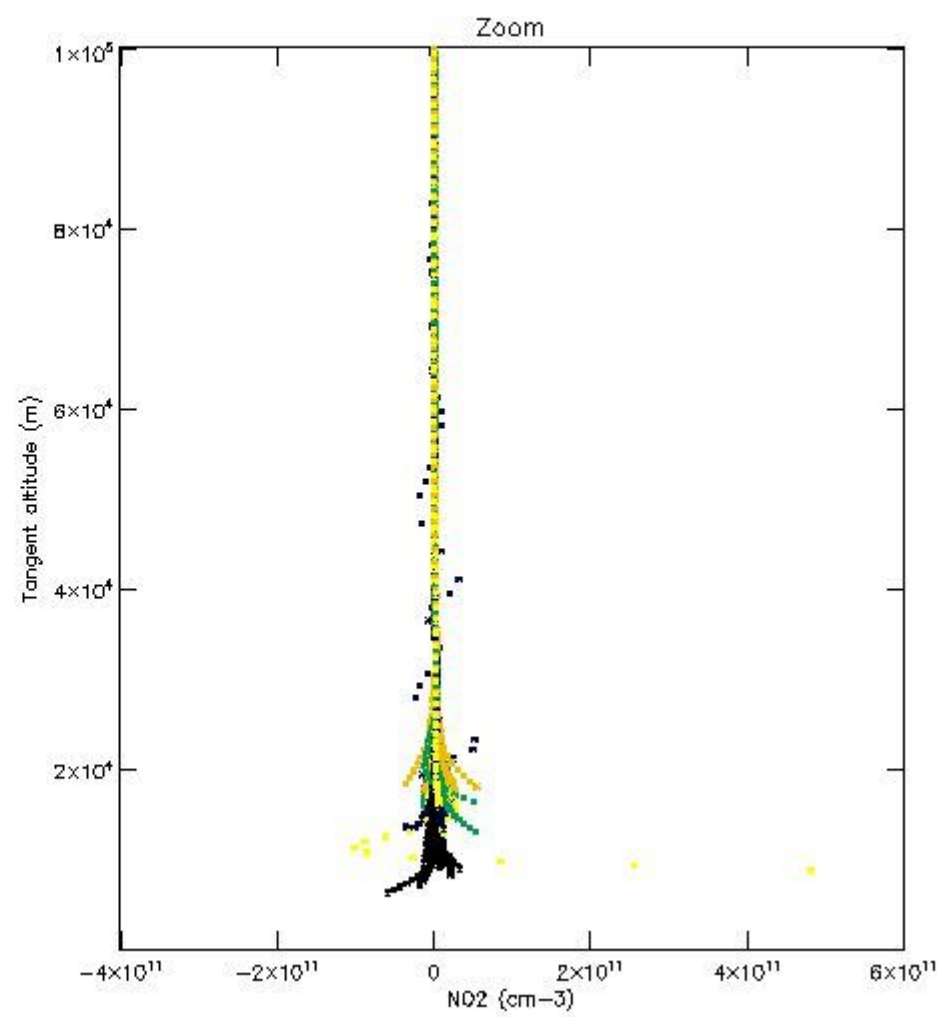
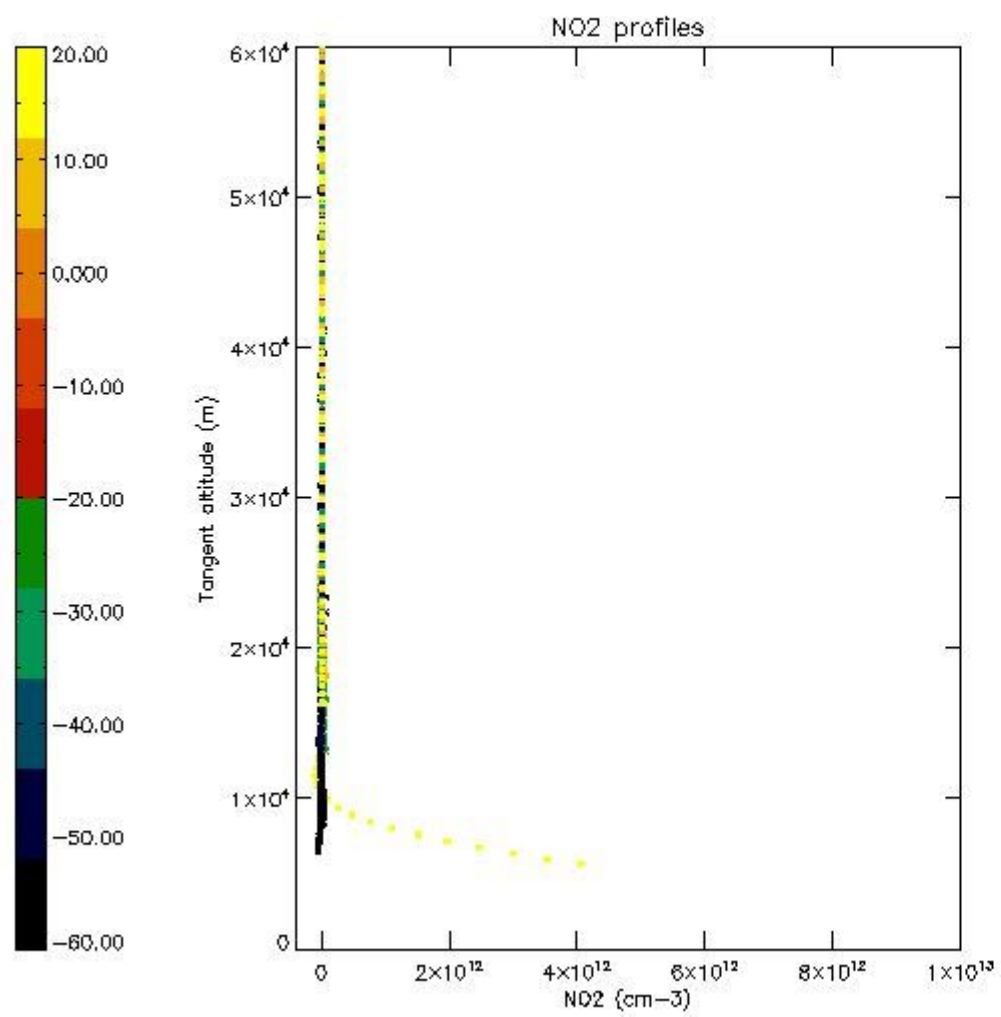
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



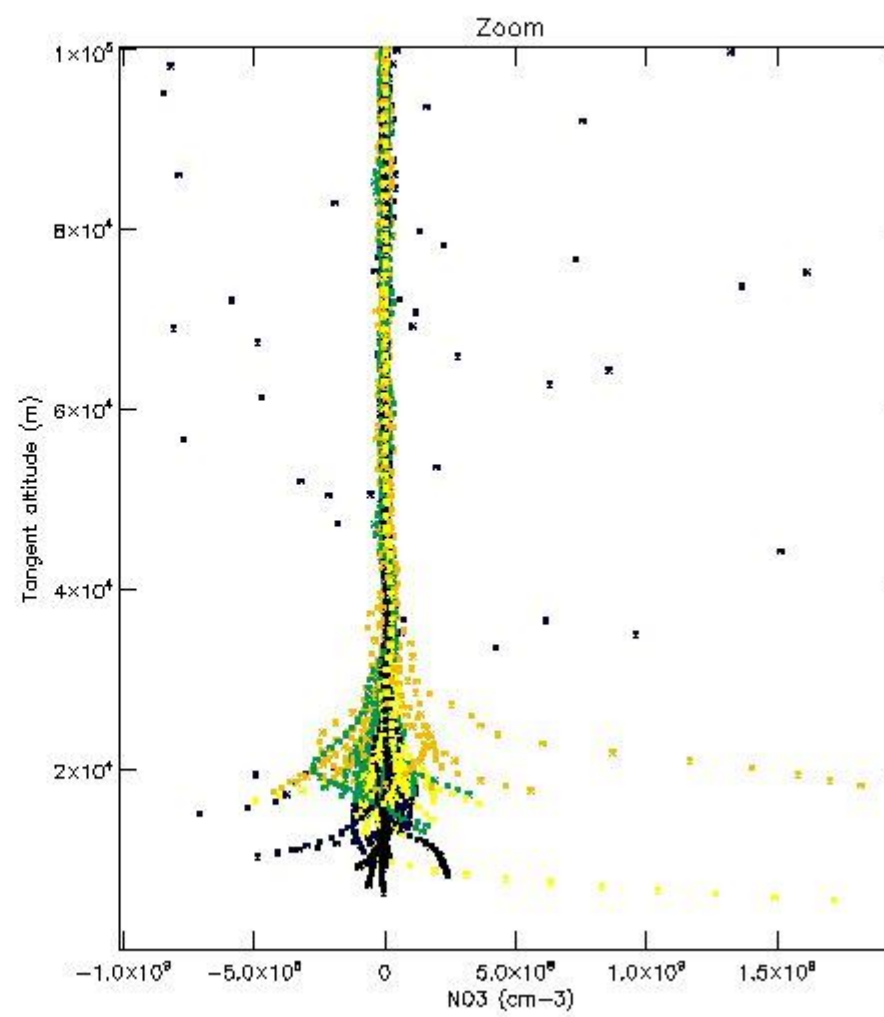
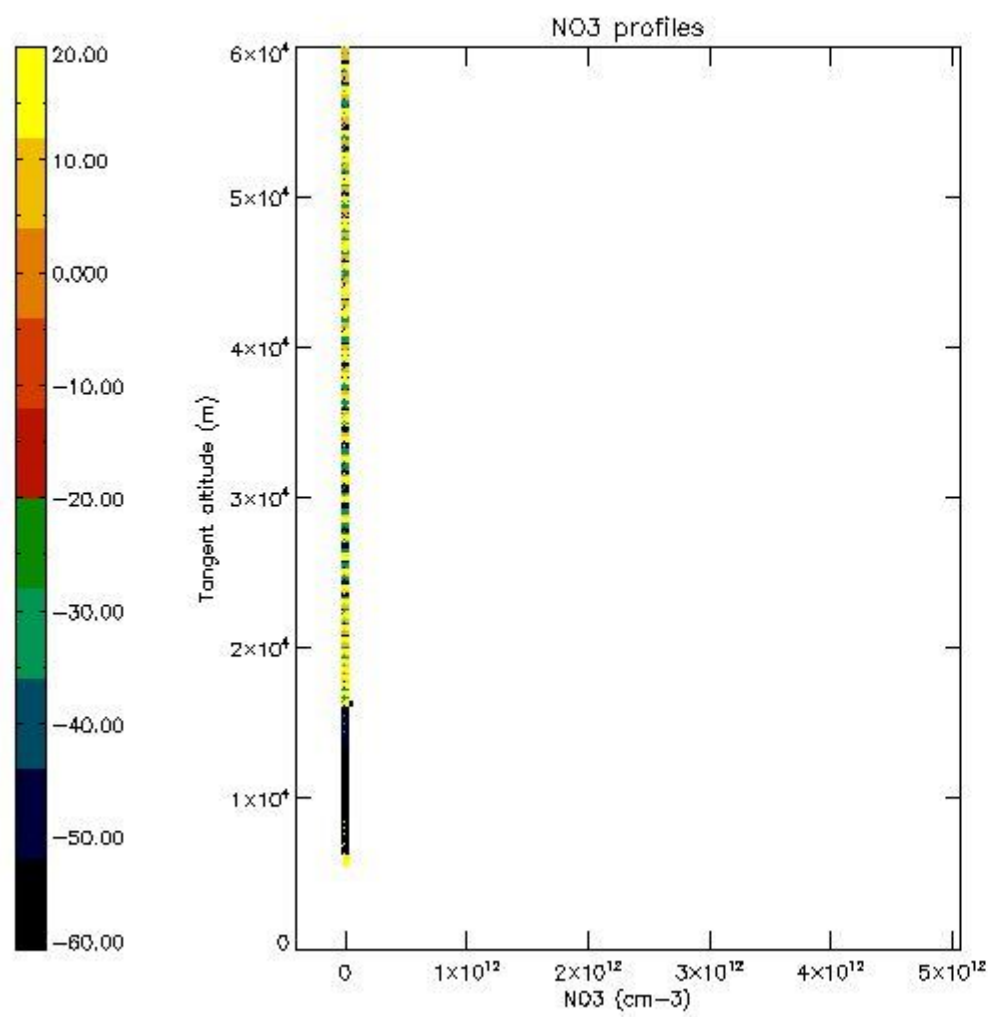
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



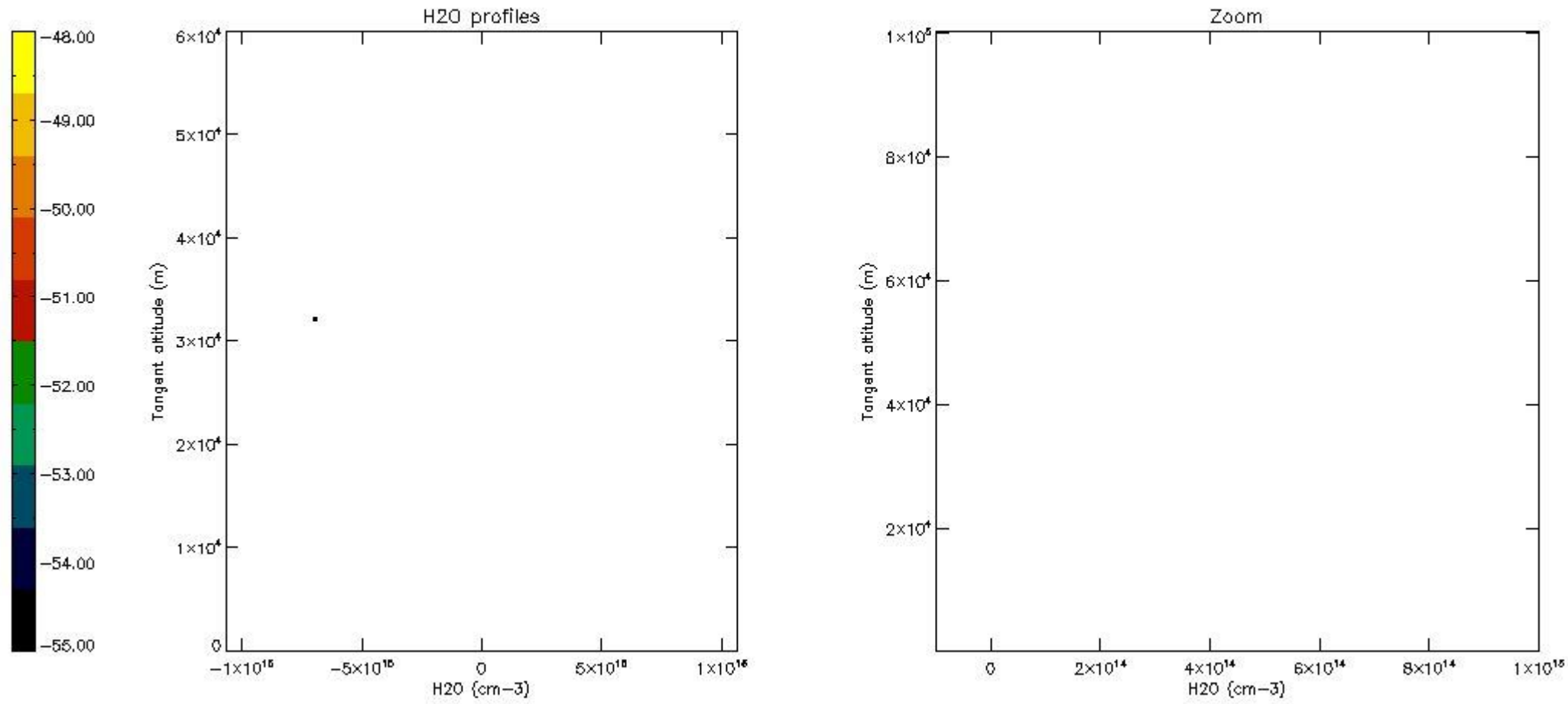
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

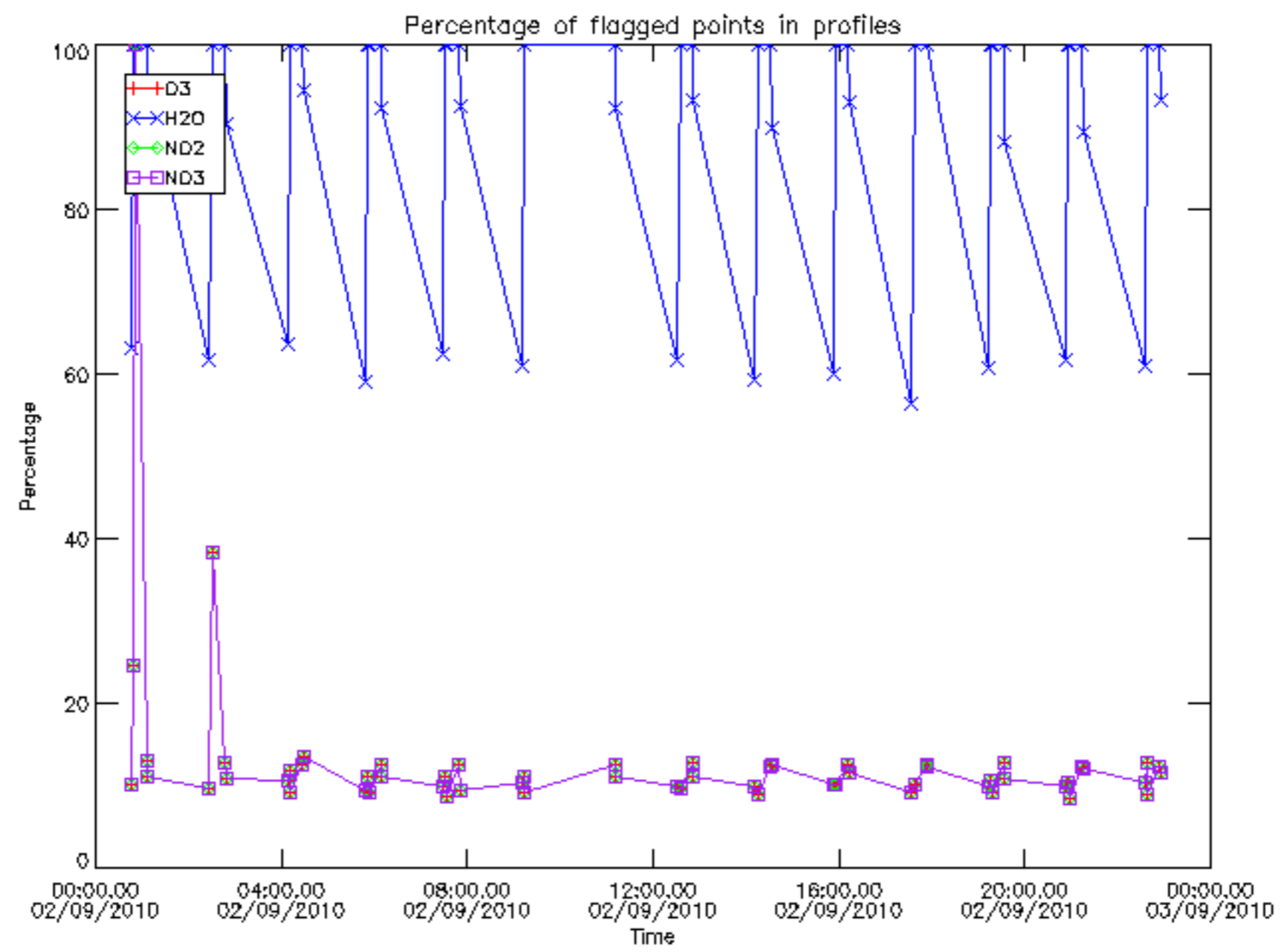
The colorbar represents the latitude.



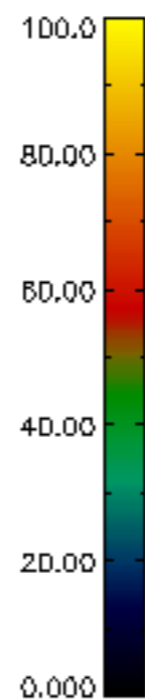
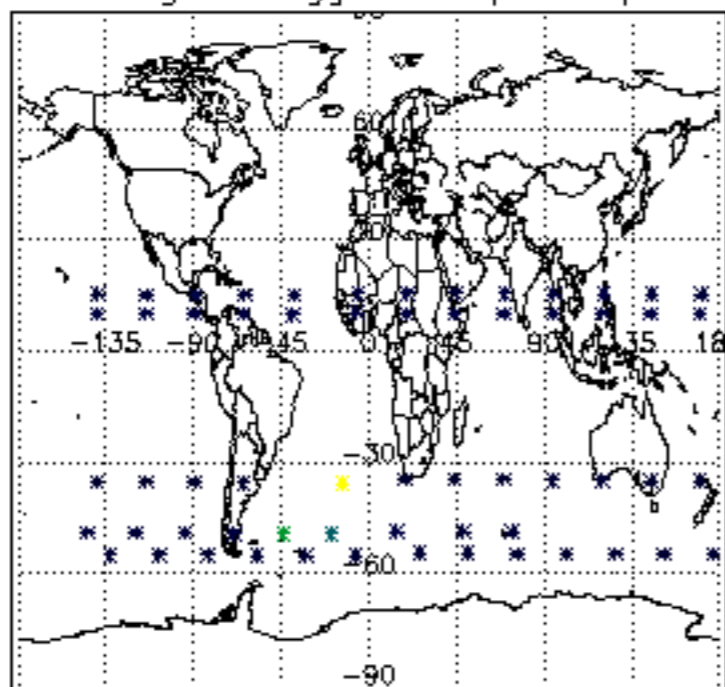
6. Auxiliary Data Files used for the production reported in section 2

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.

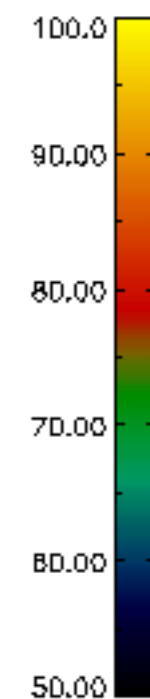
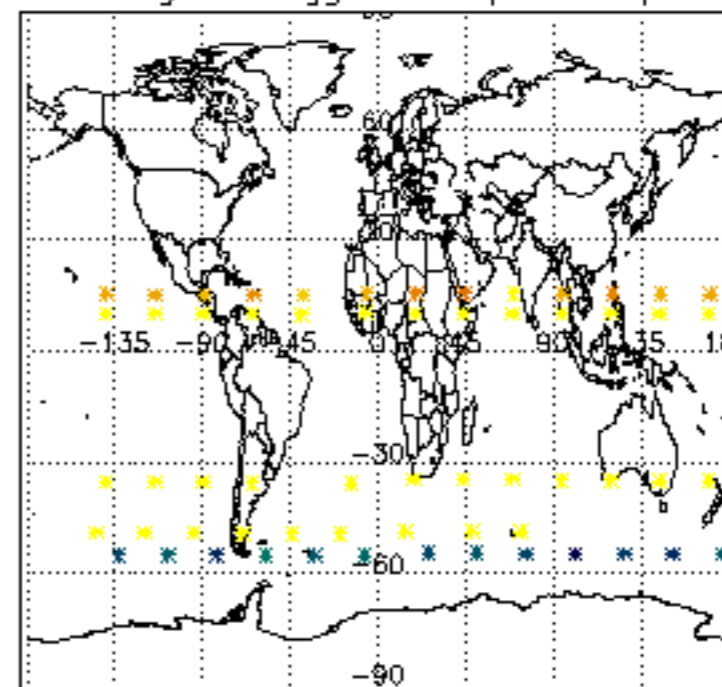
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-SEP-2010 00:06:33
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-SEP-2010 00:06:33
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-SEP-2010 00:06:33



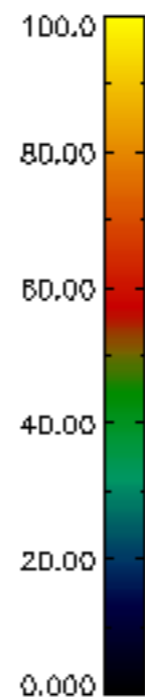
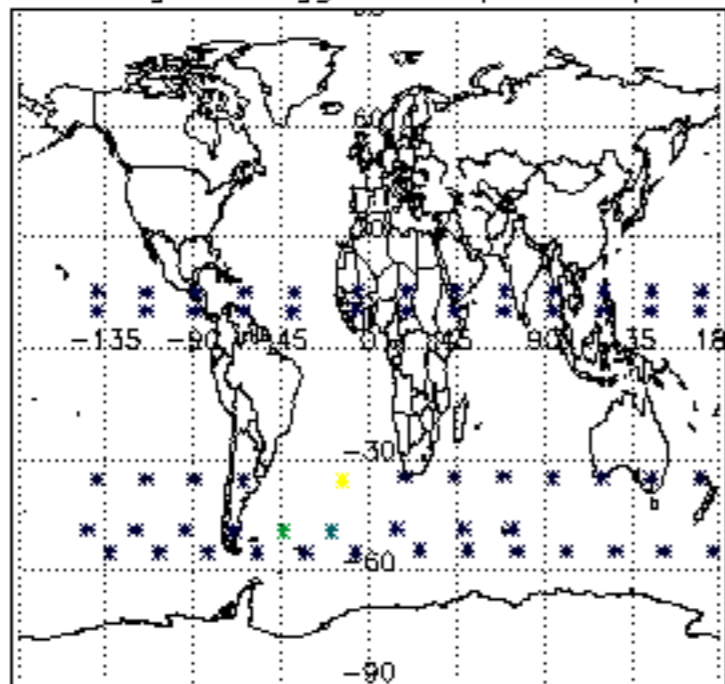
Percentage of flagged data per D3 profile



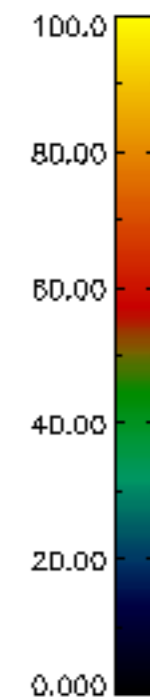
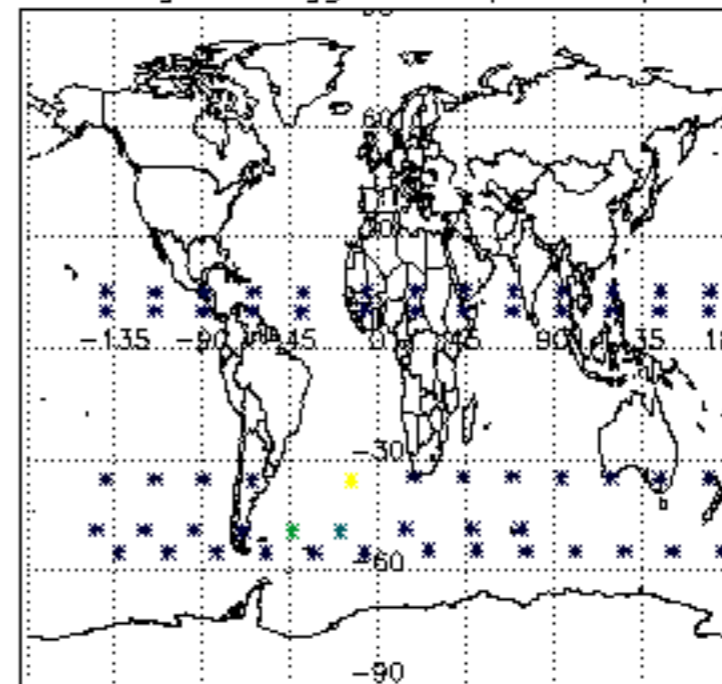
Percentage of flagged data per H2O profile

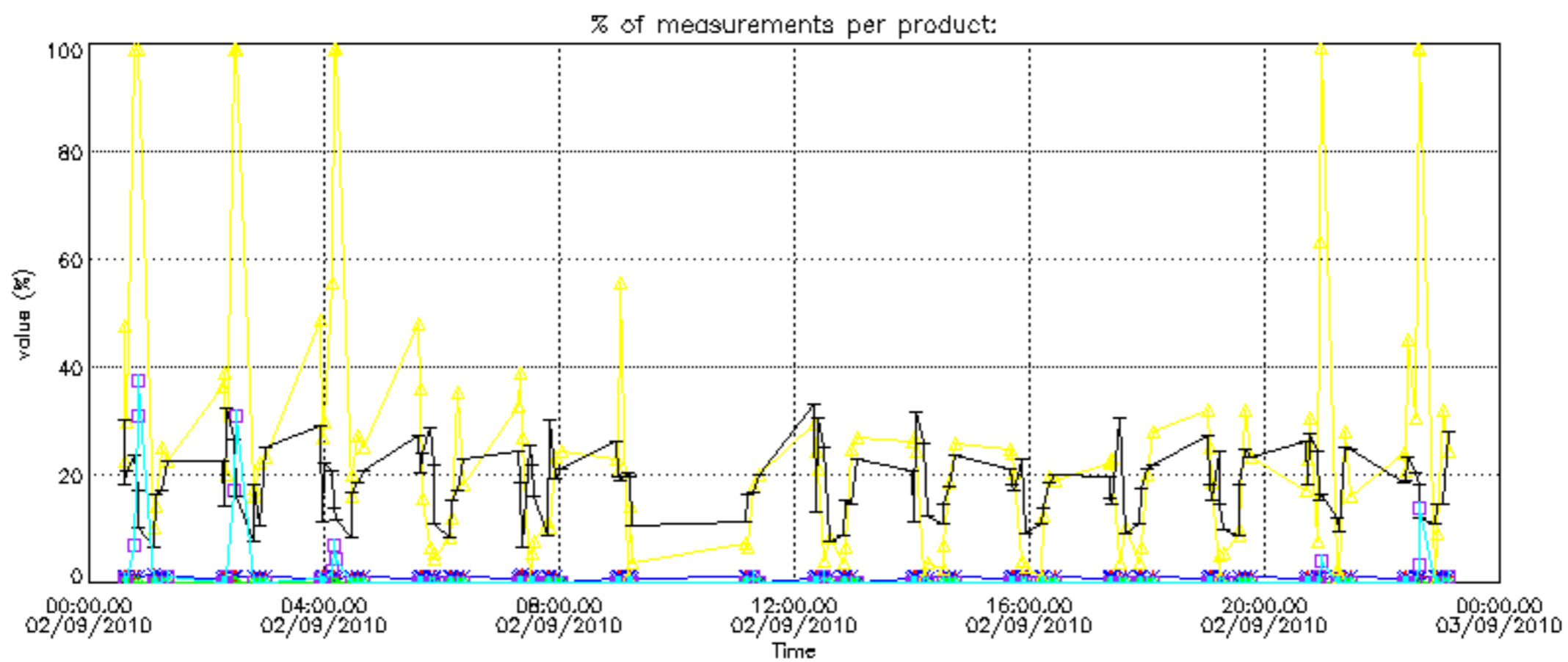


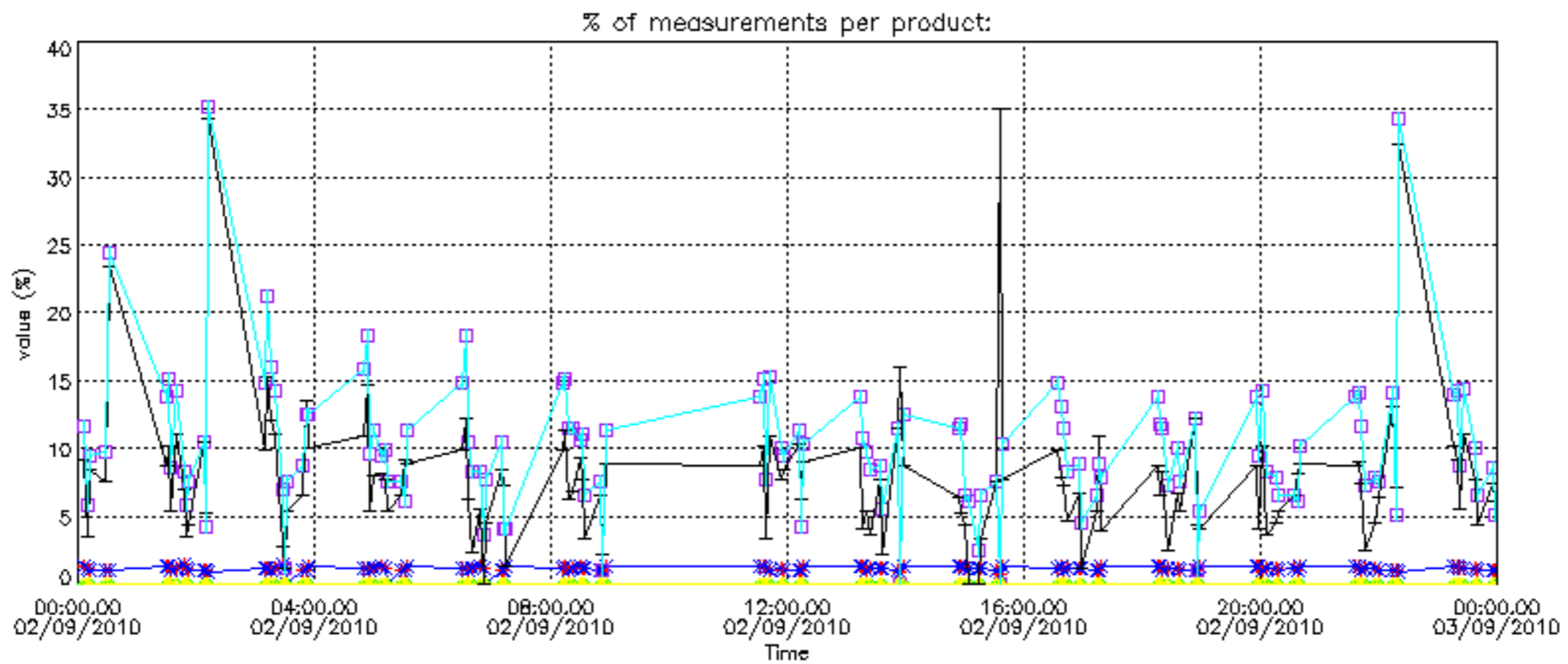
Percentage of flagged data per NO2 profile



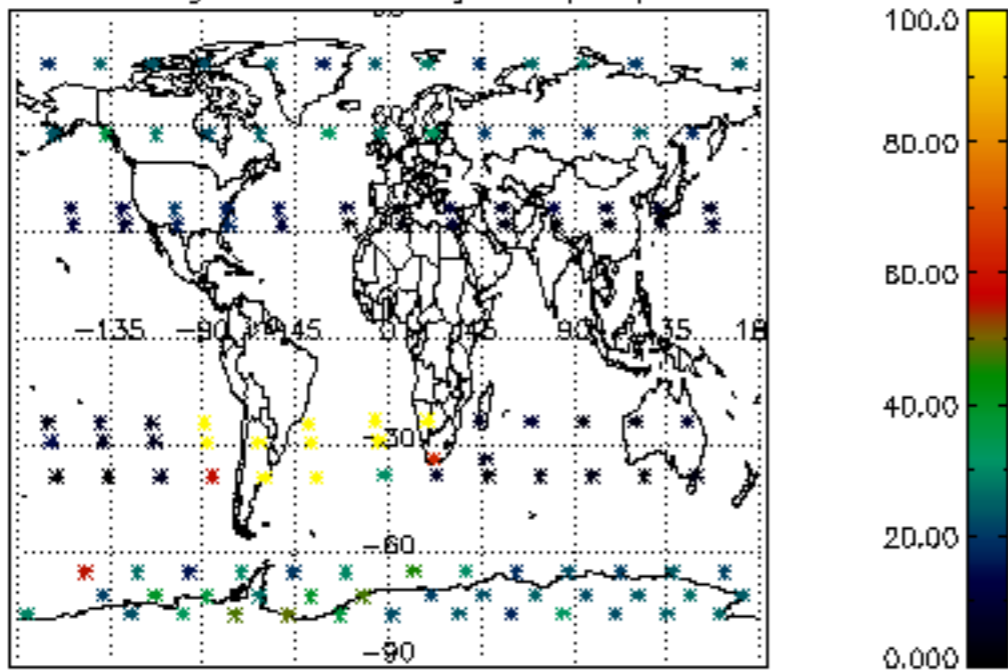
Percentage of flagged data per NO3 profile



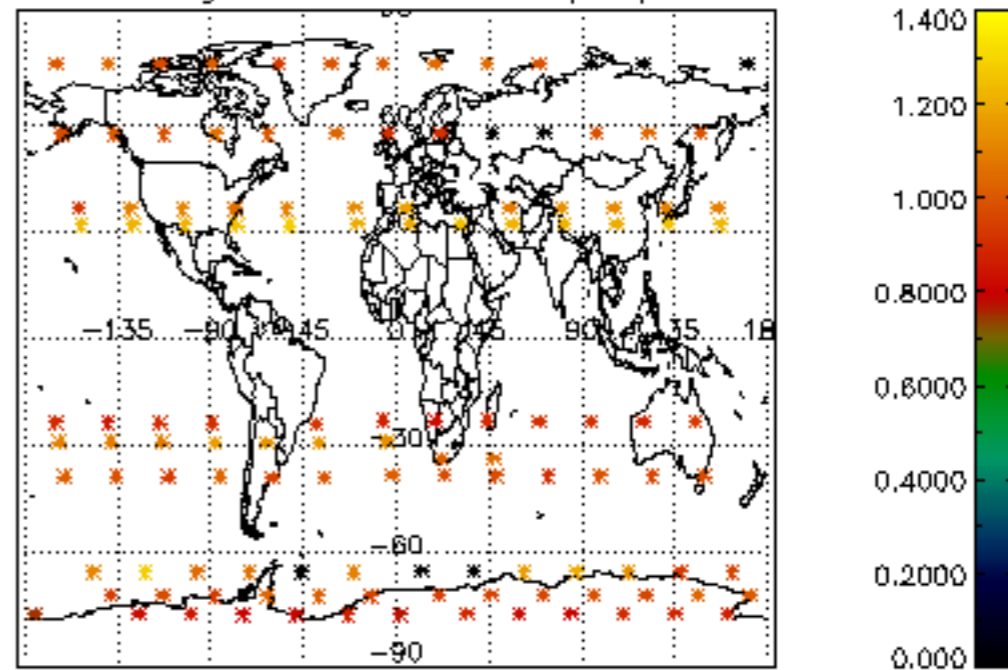




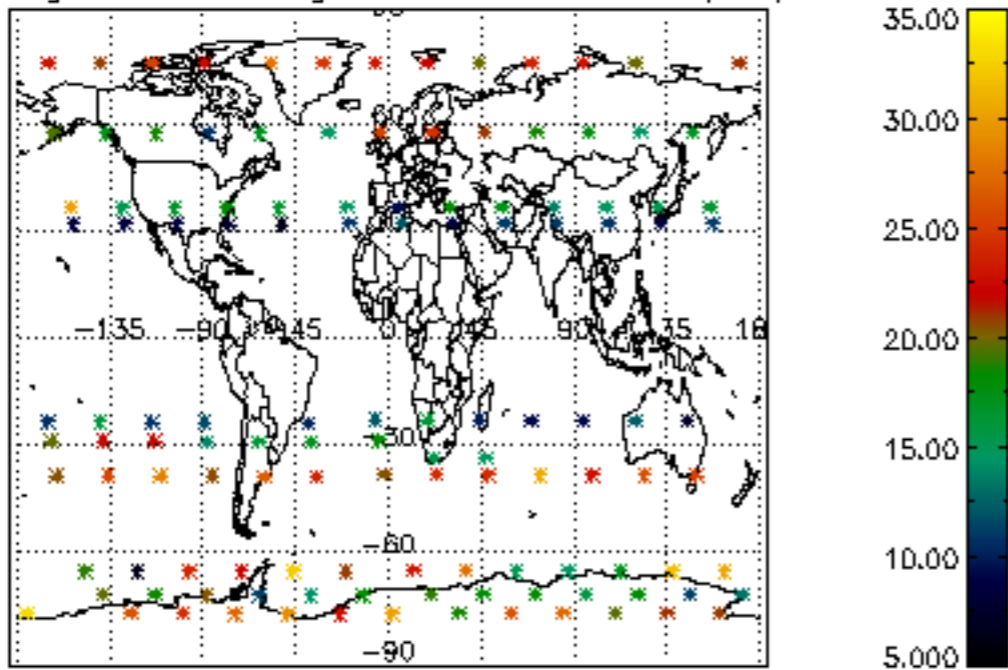
Percentage of cosmic ray hits per profile



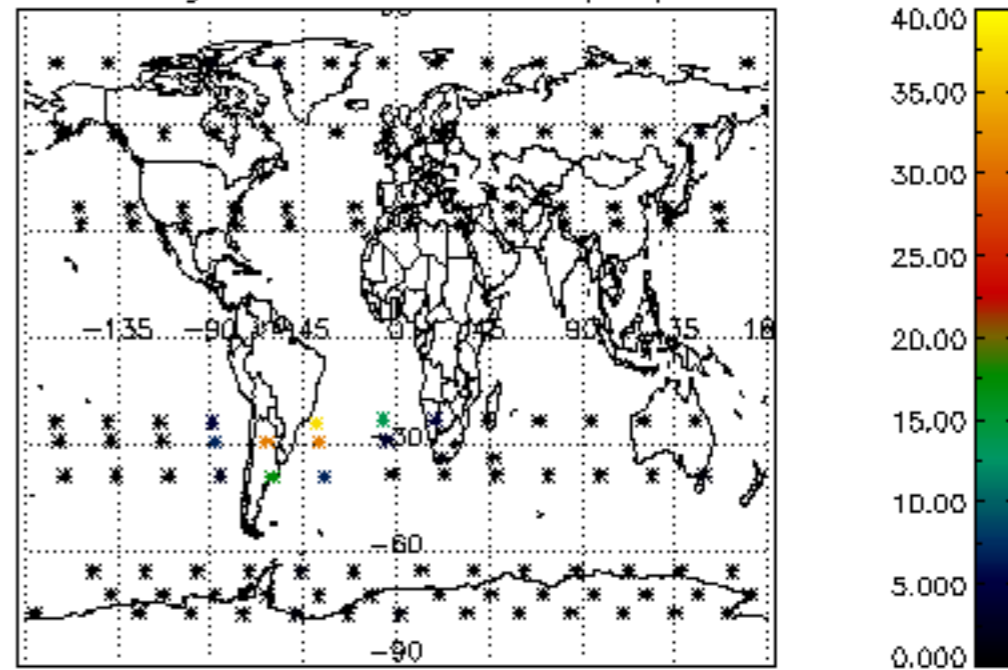
Percentage of datation errors per profile



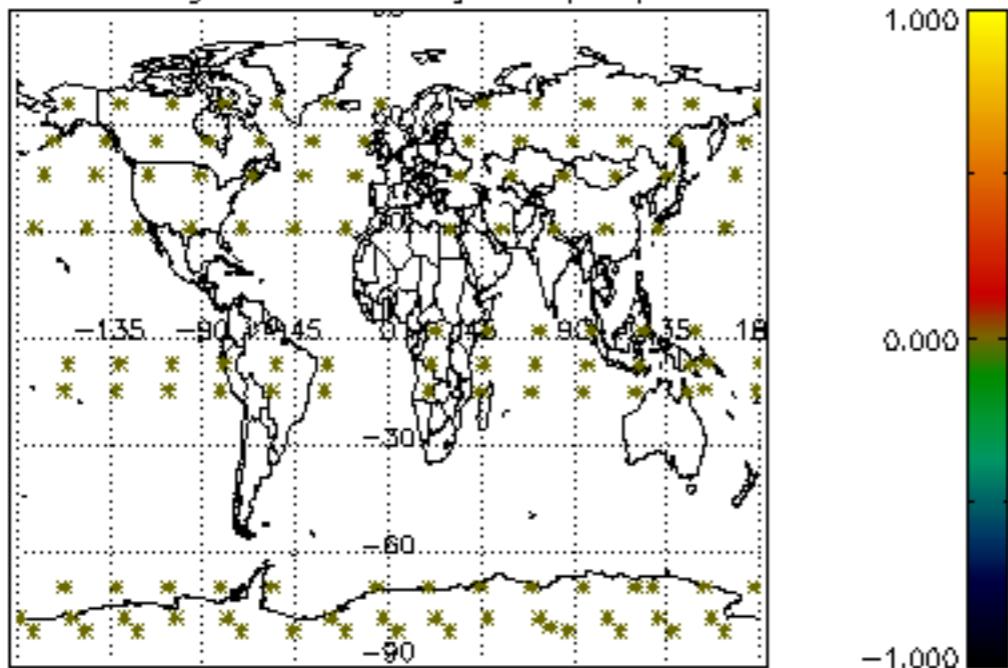
Percentage of star falling outside central band per profile



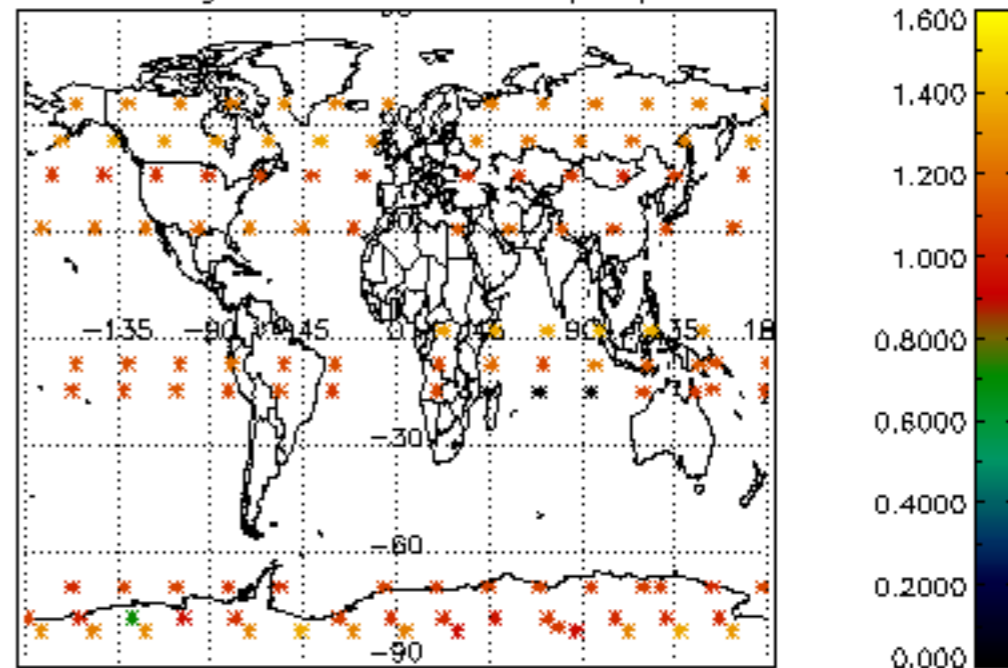
Percentage of saturation errors per profile



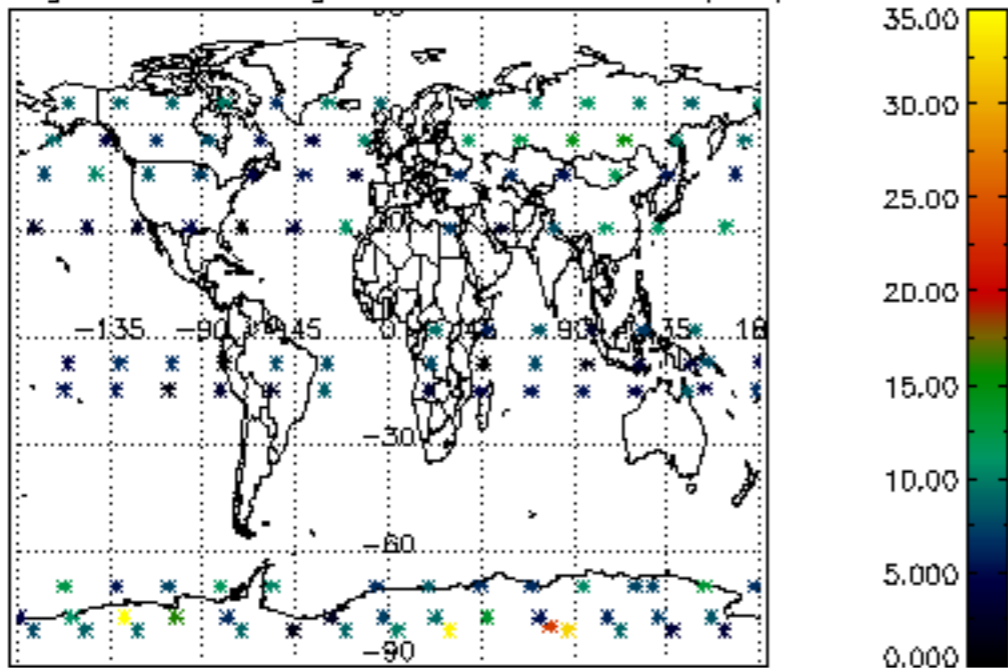
Percentage of cosmic ray hits per profile



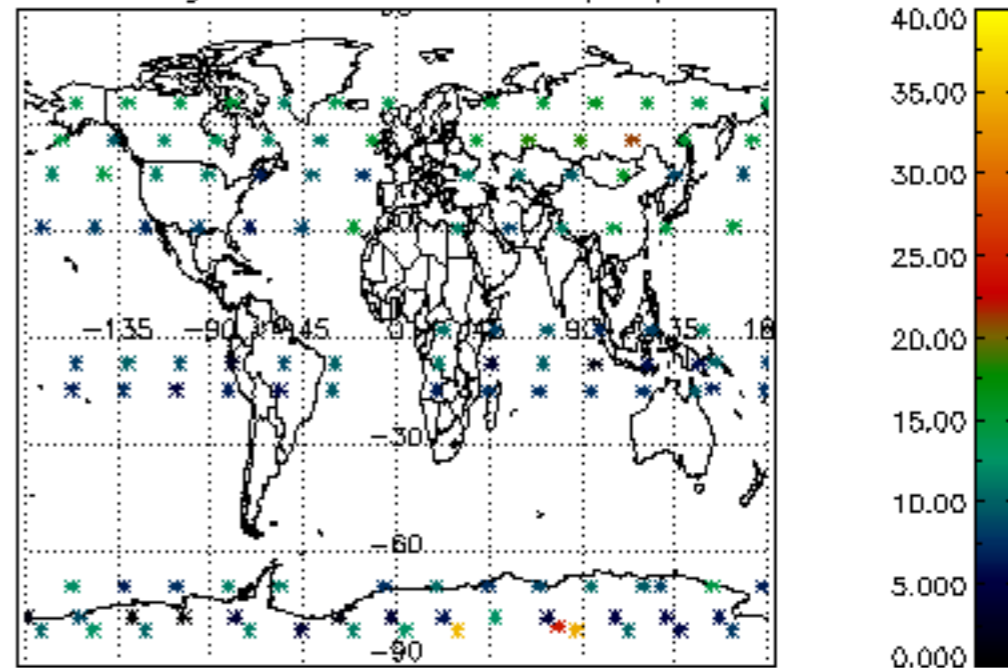
Percentage of datation errors per profile

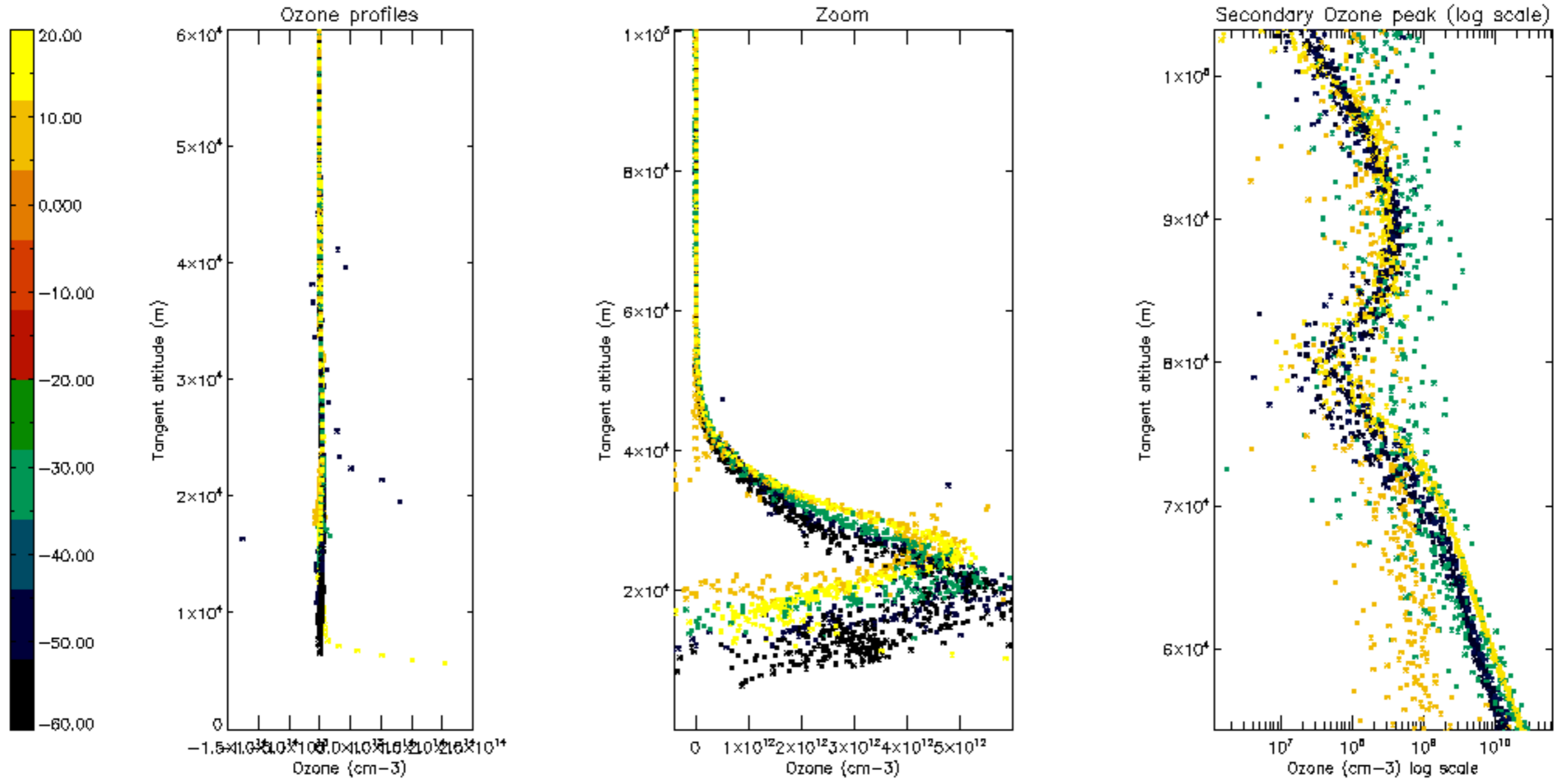


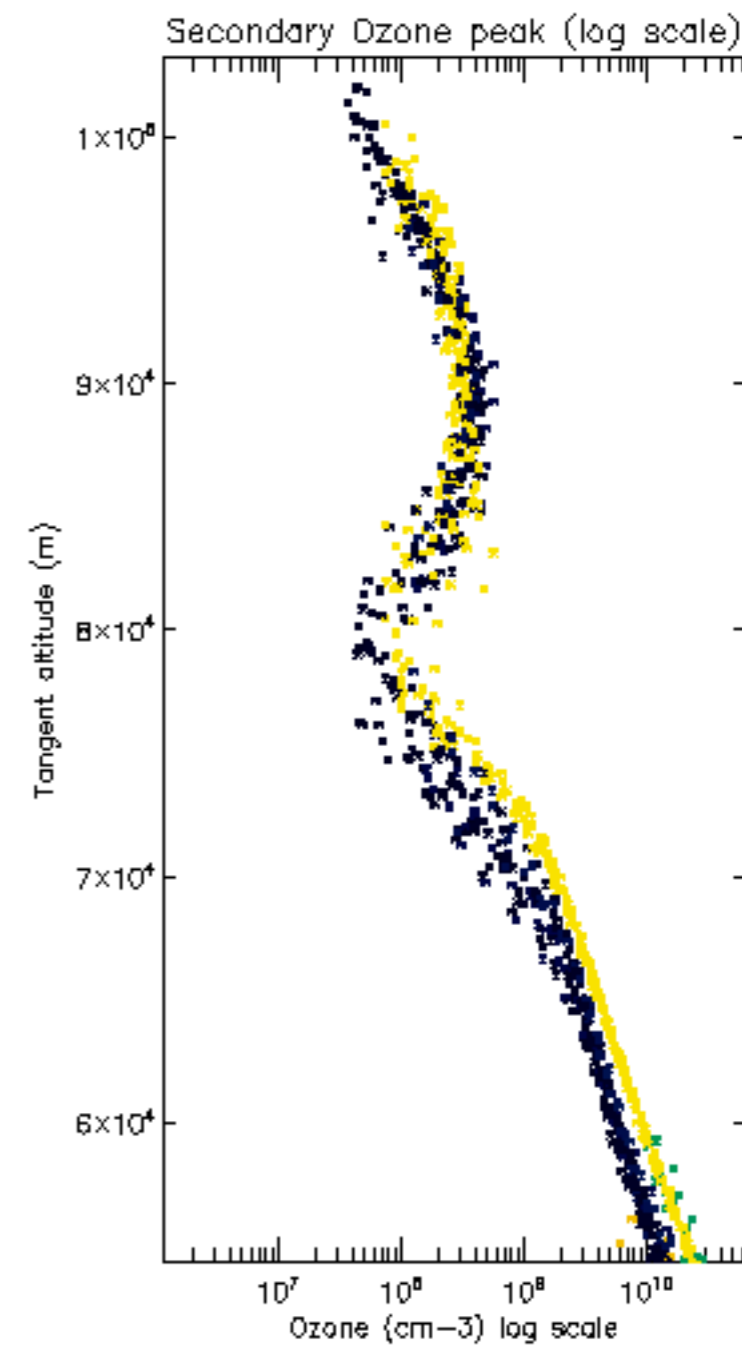
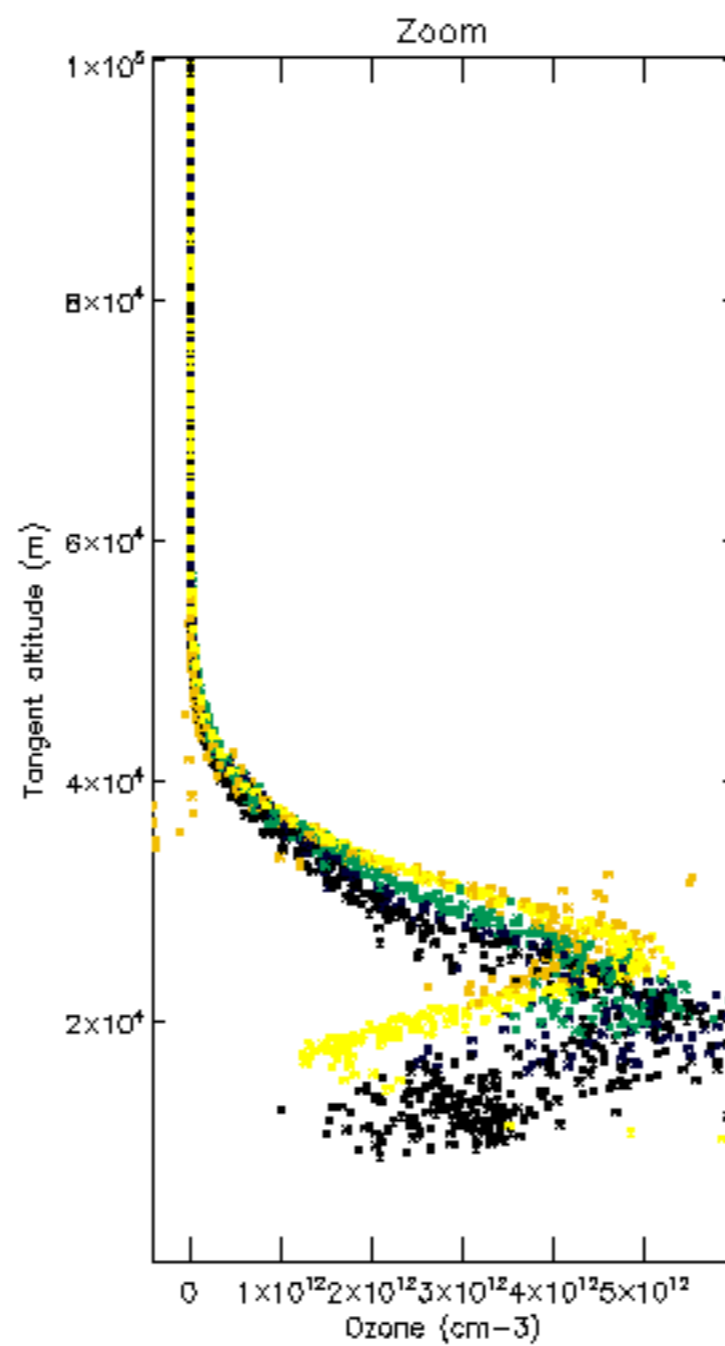
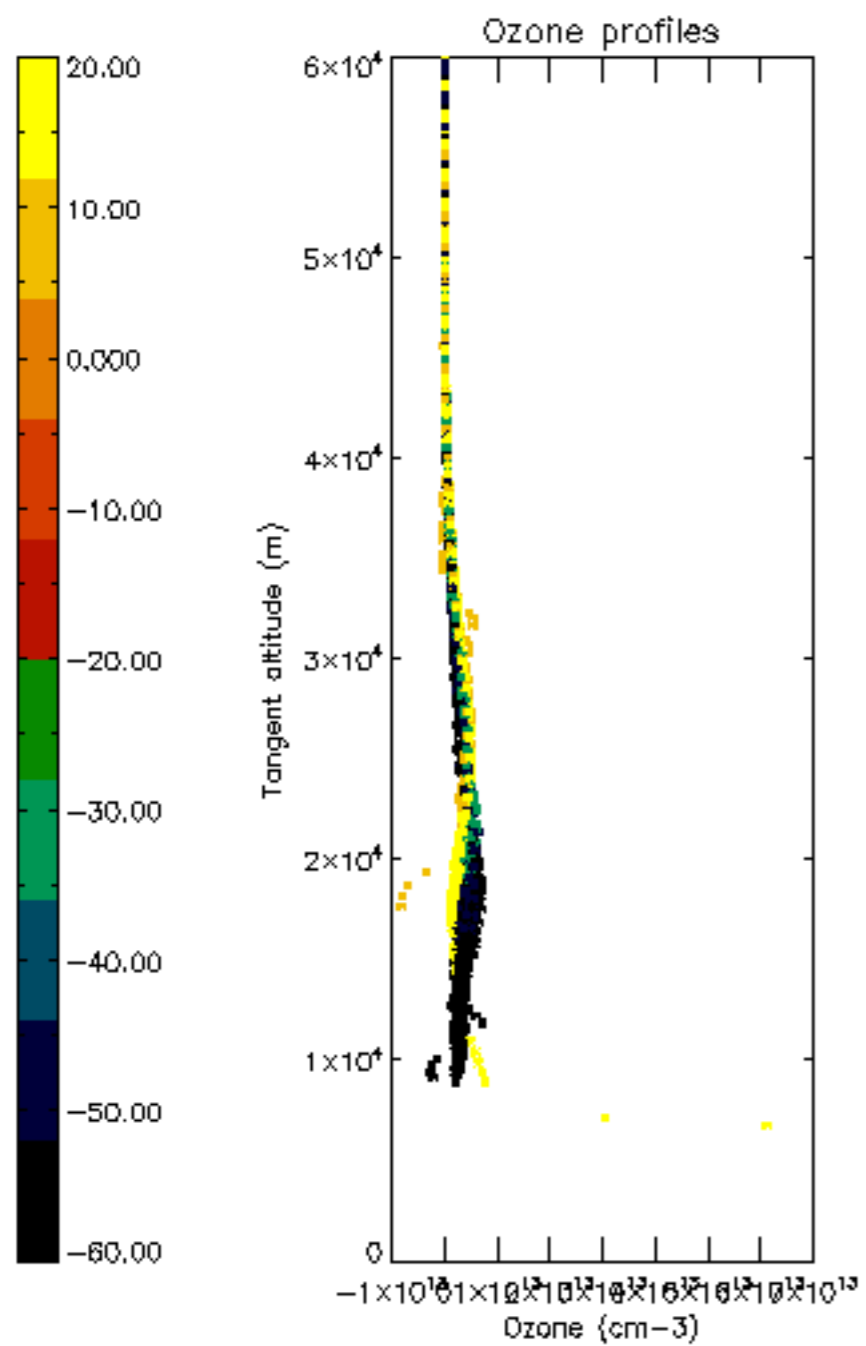
Percentage of star falling outside central band per profile

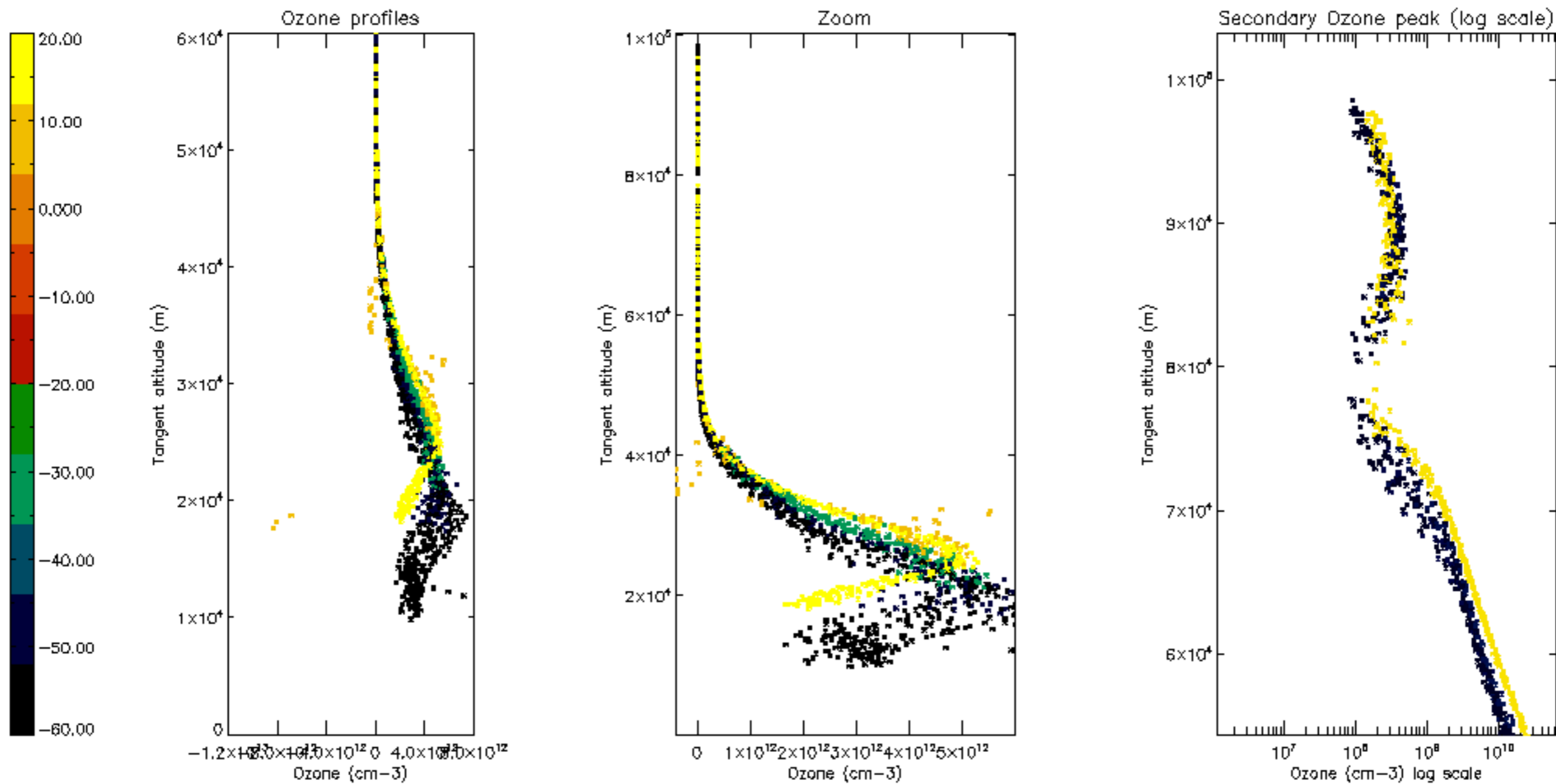


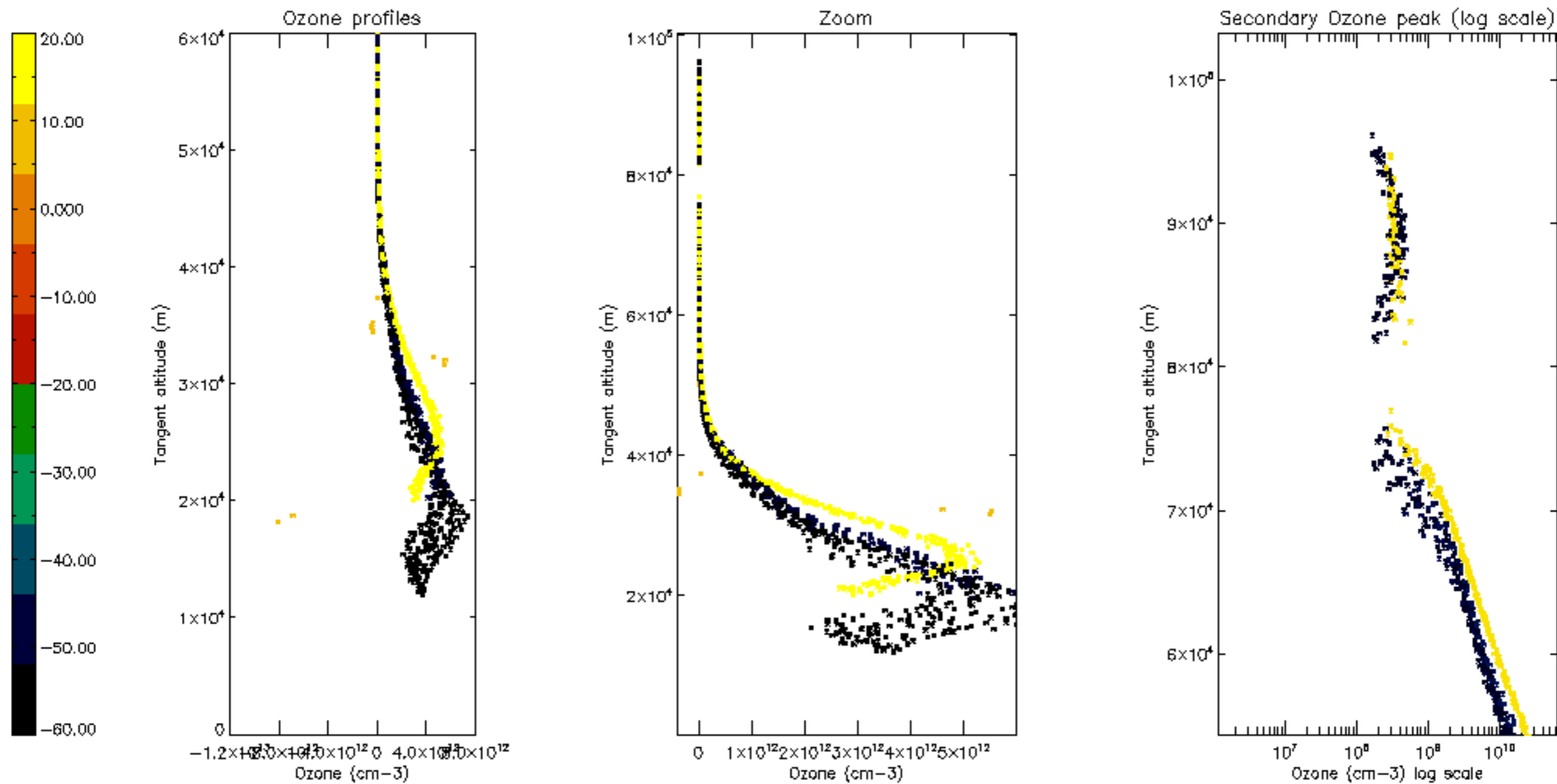
Percentage of saturation errors per profile

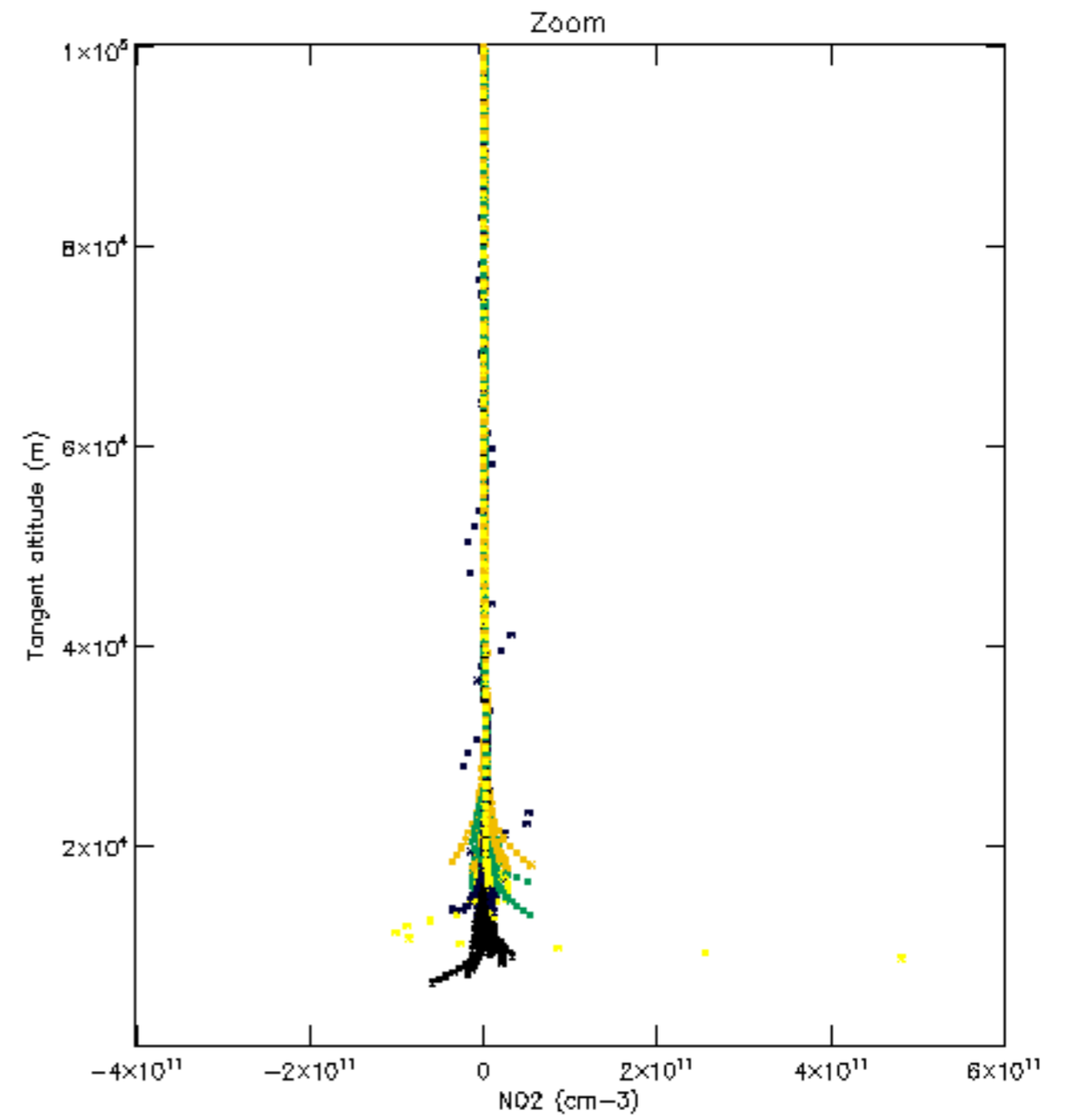
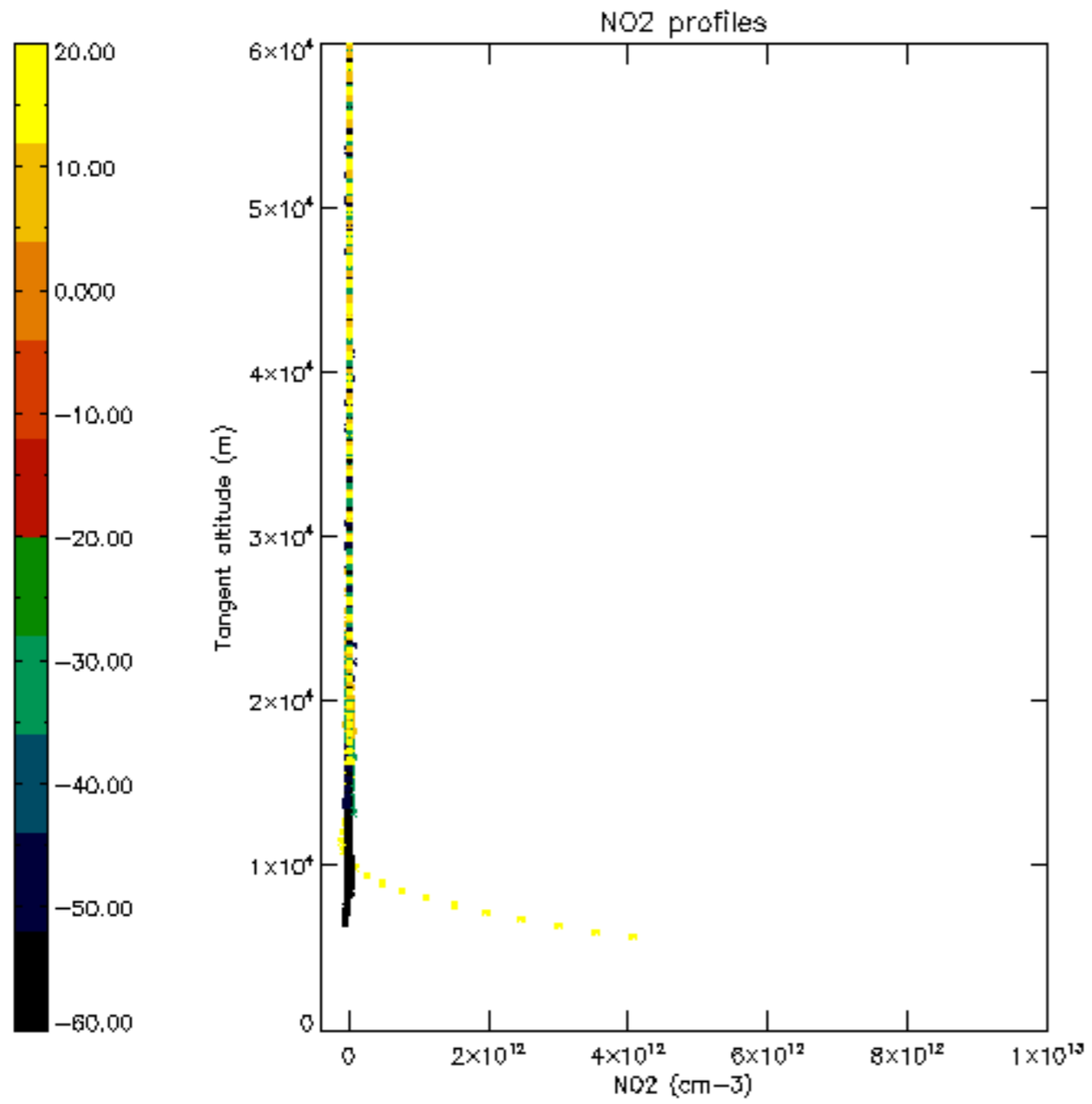


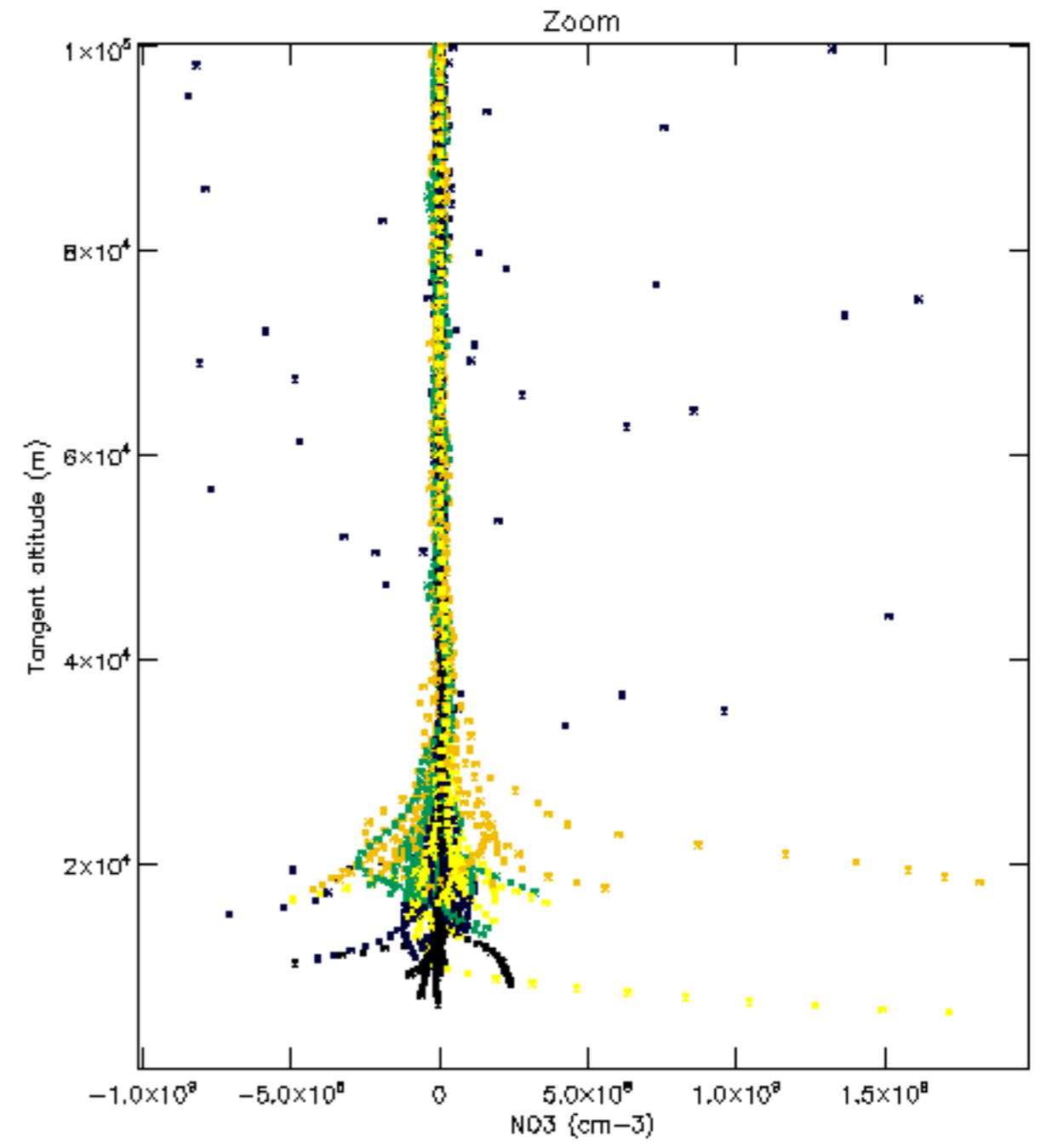
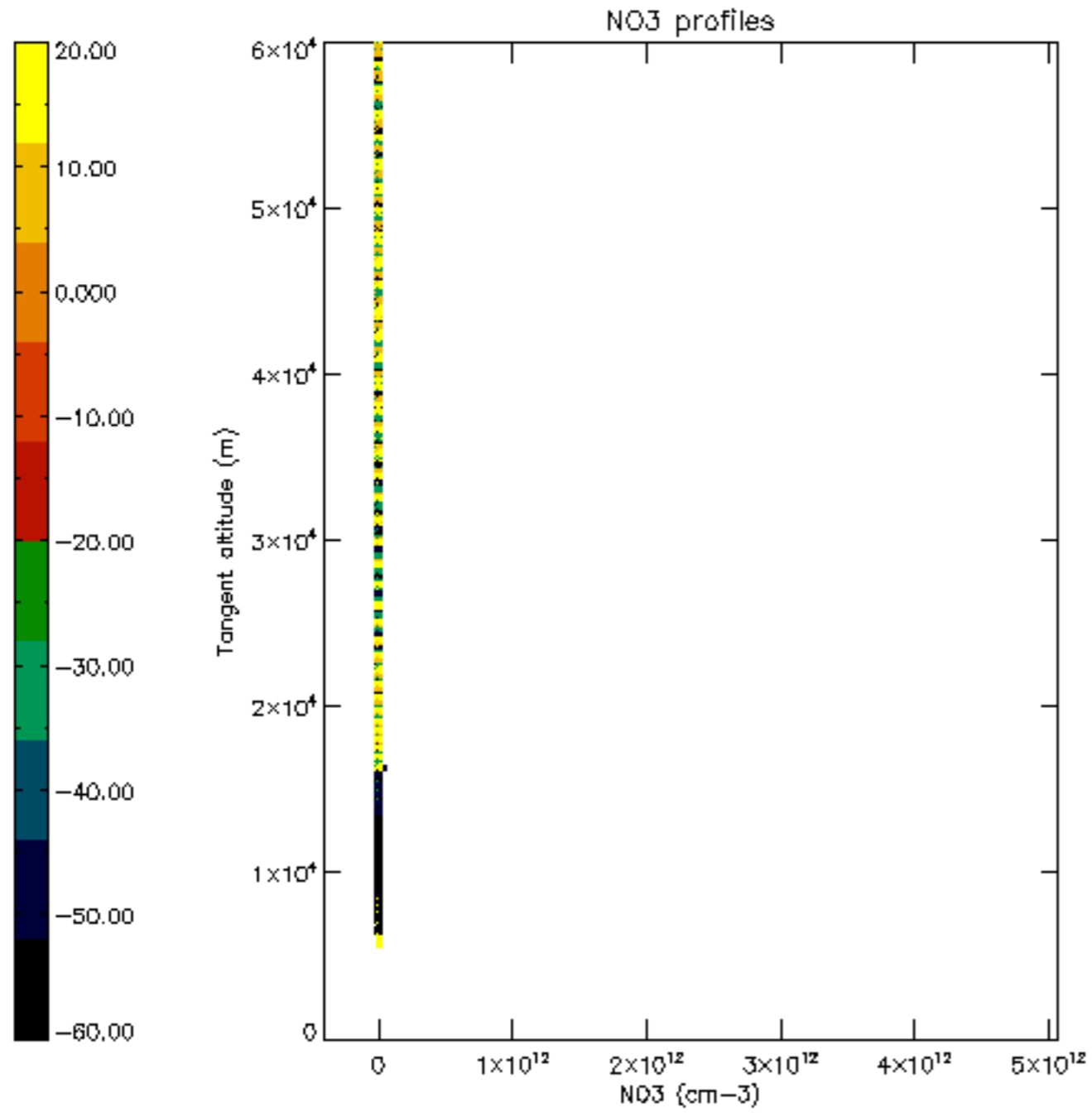


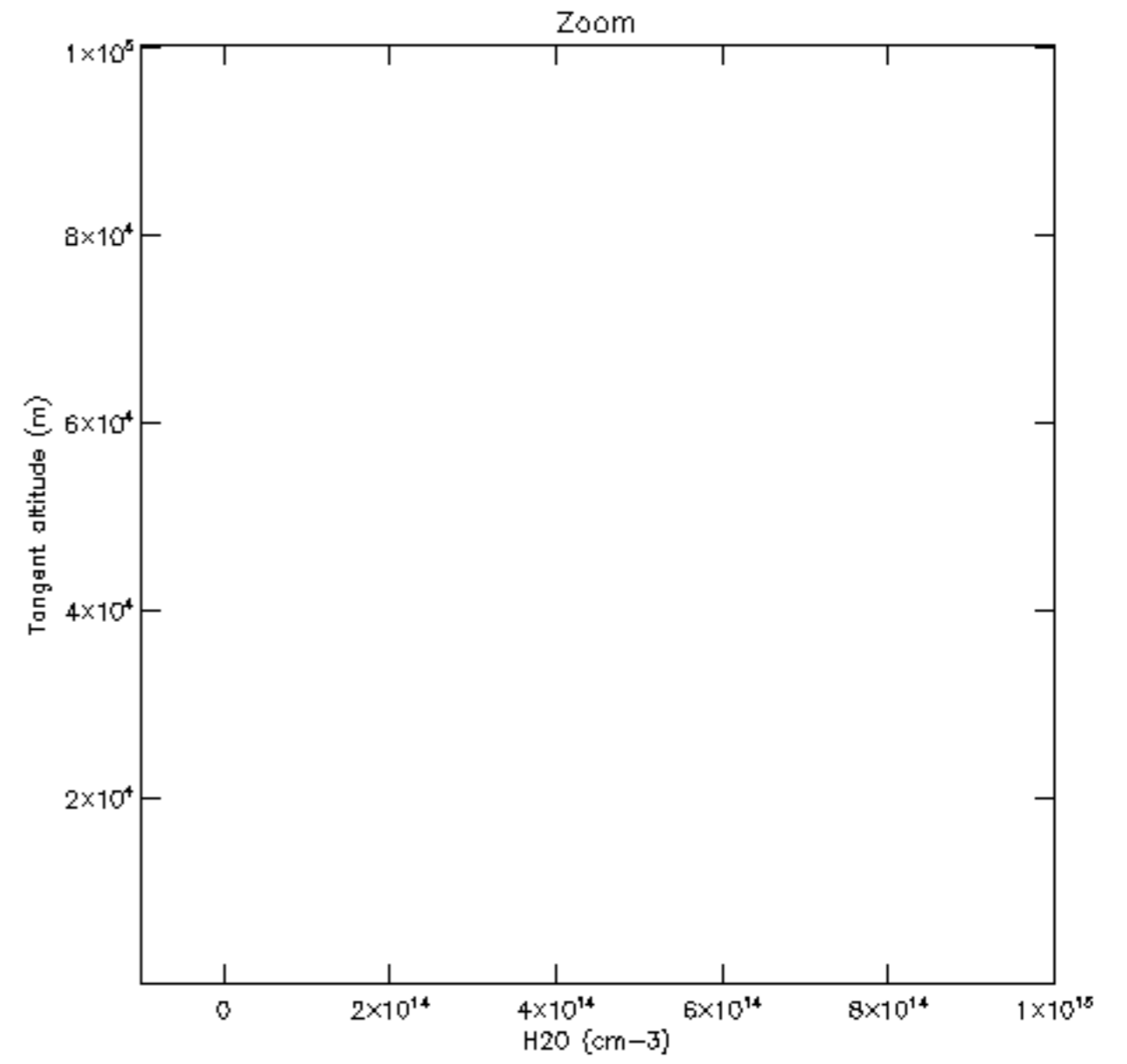
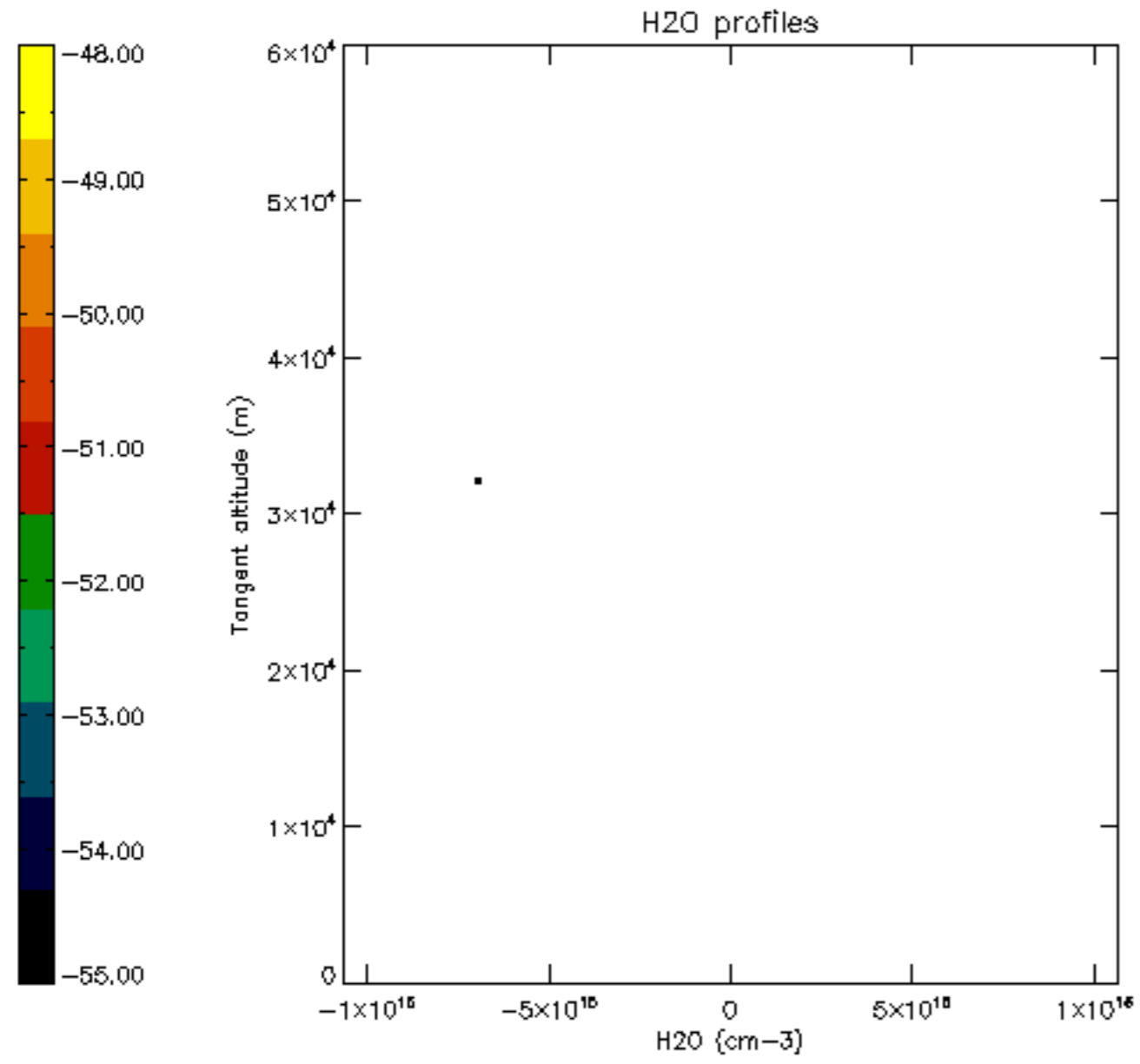


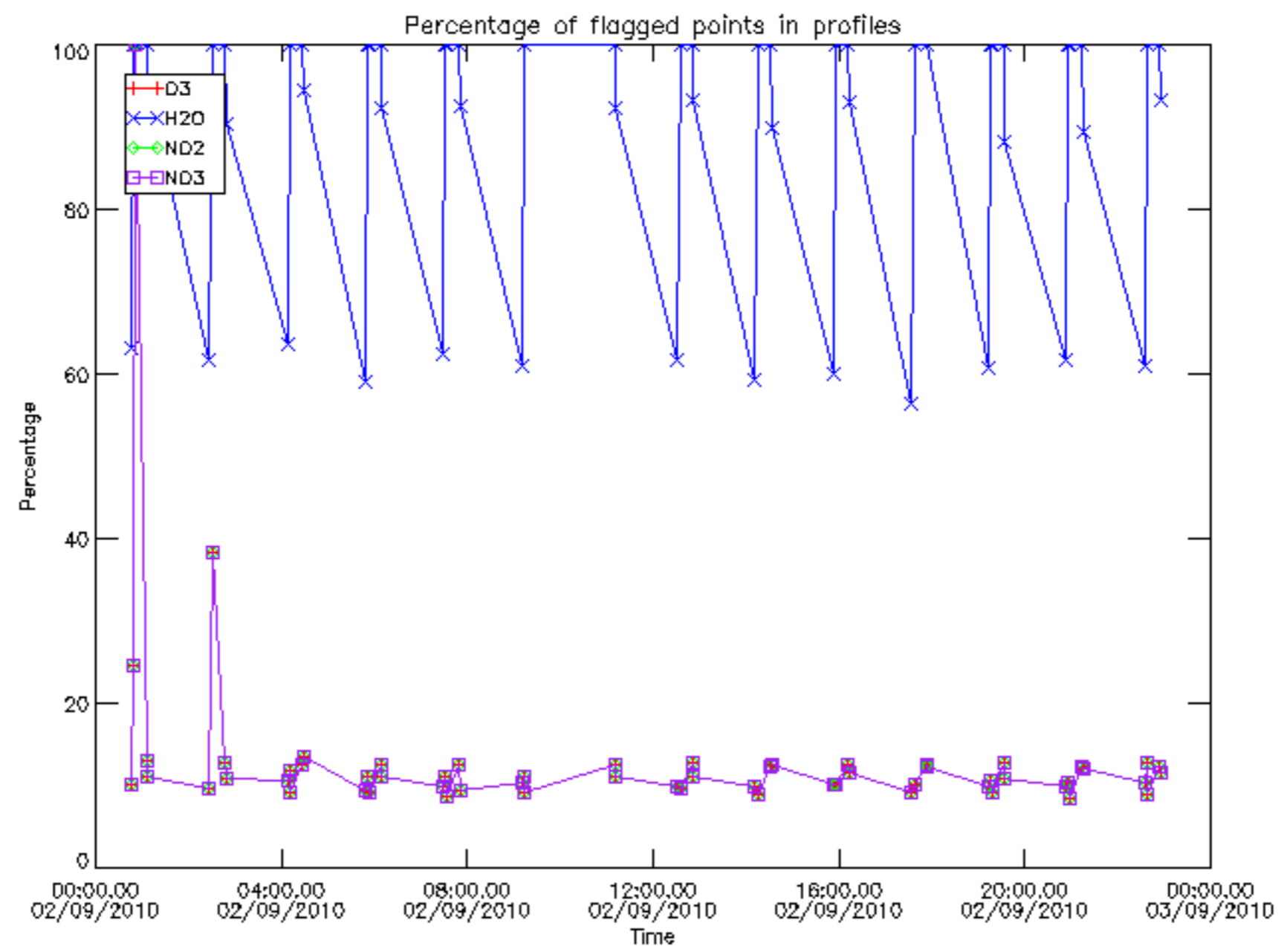




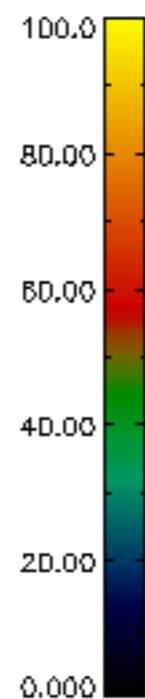
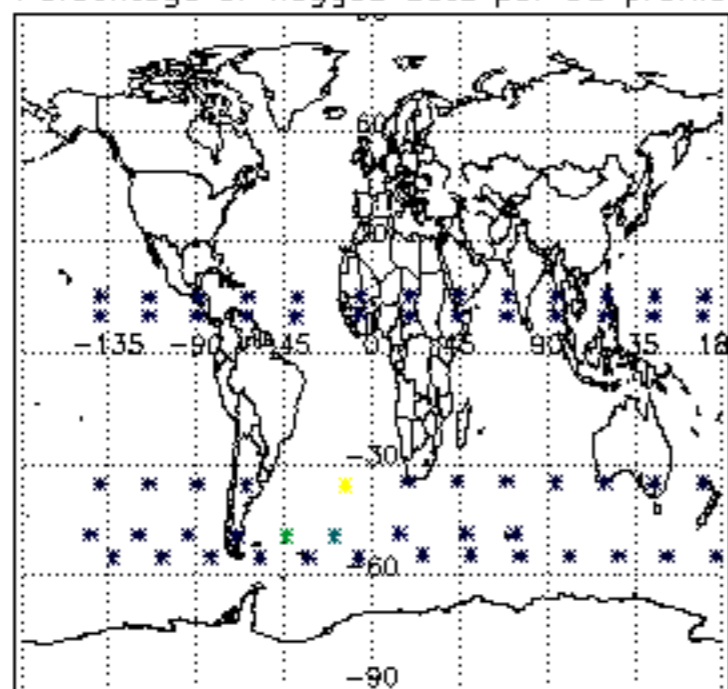




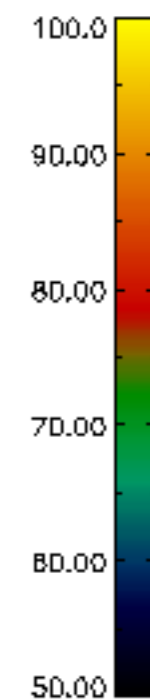
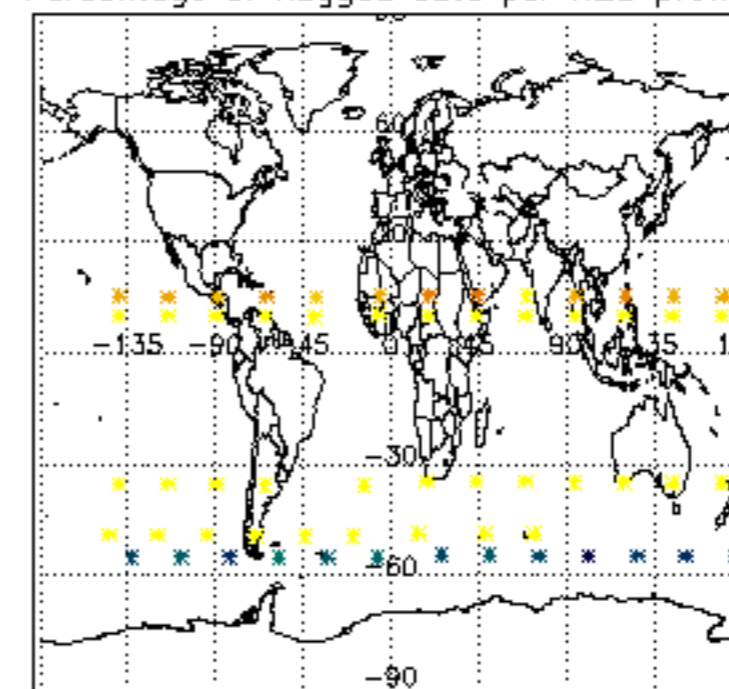




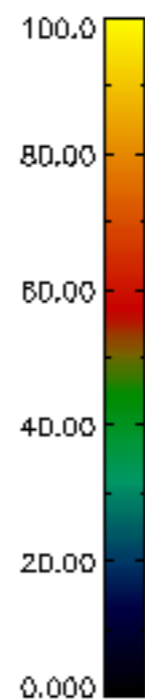
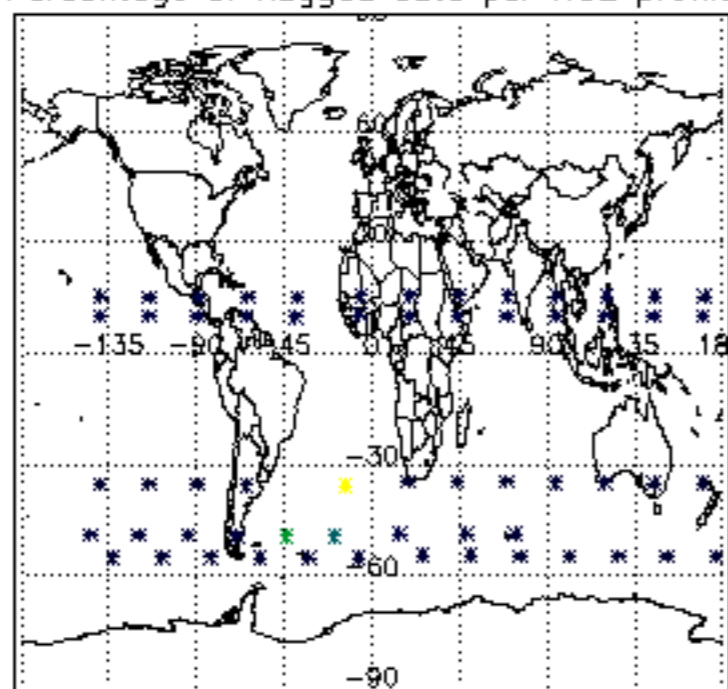
Percentage of flagged data per D3 profile



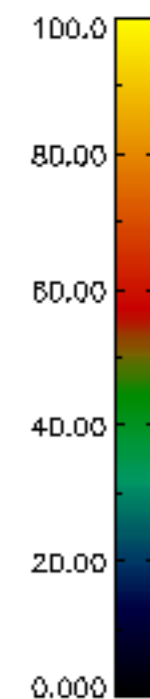
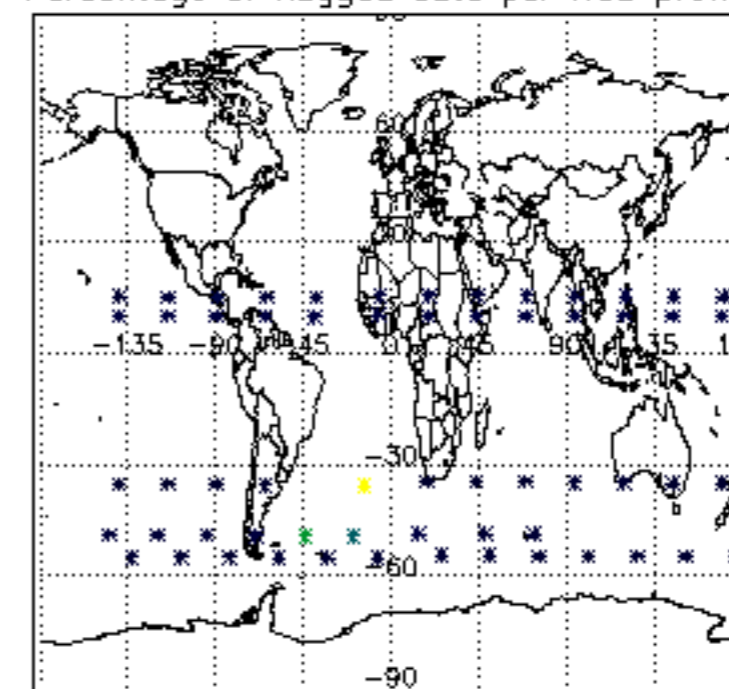
Percentage of flagged data per H2O profile

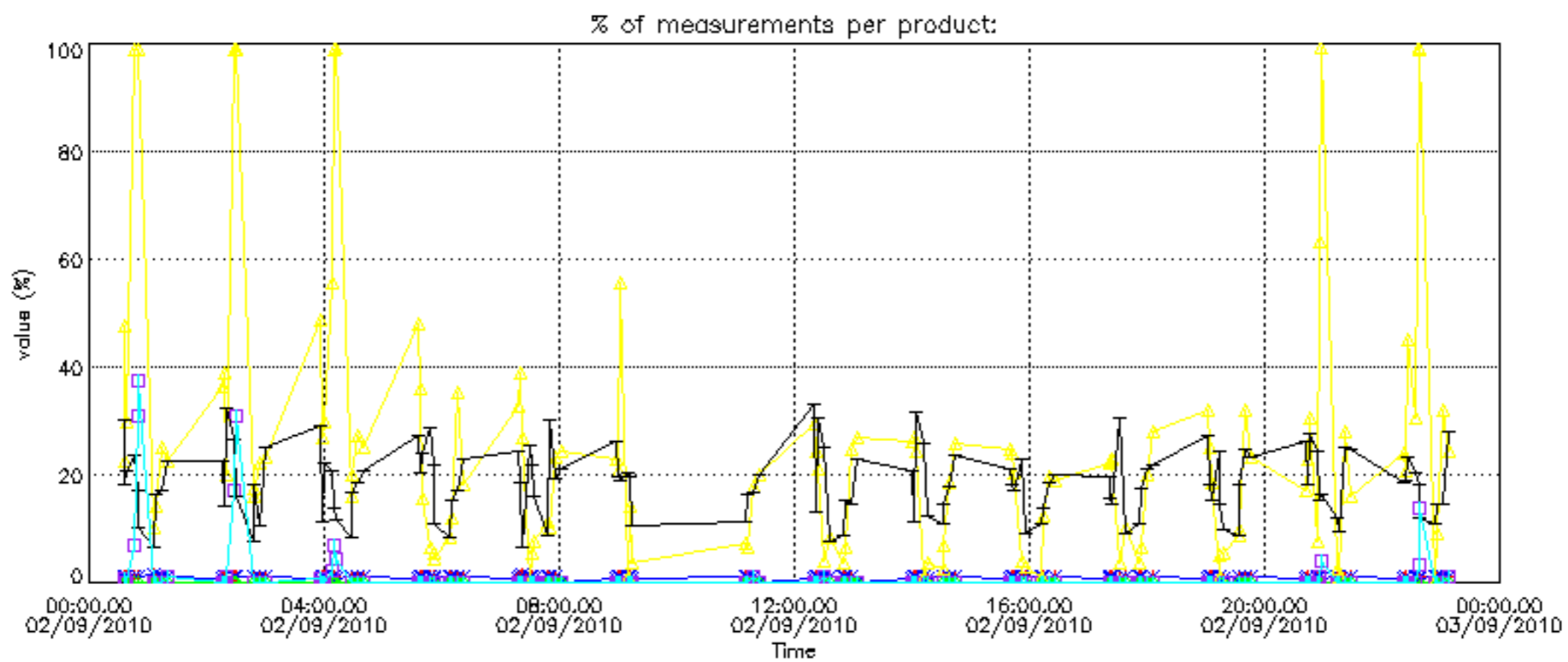


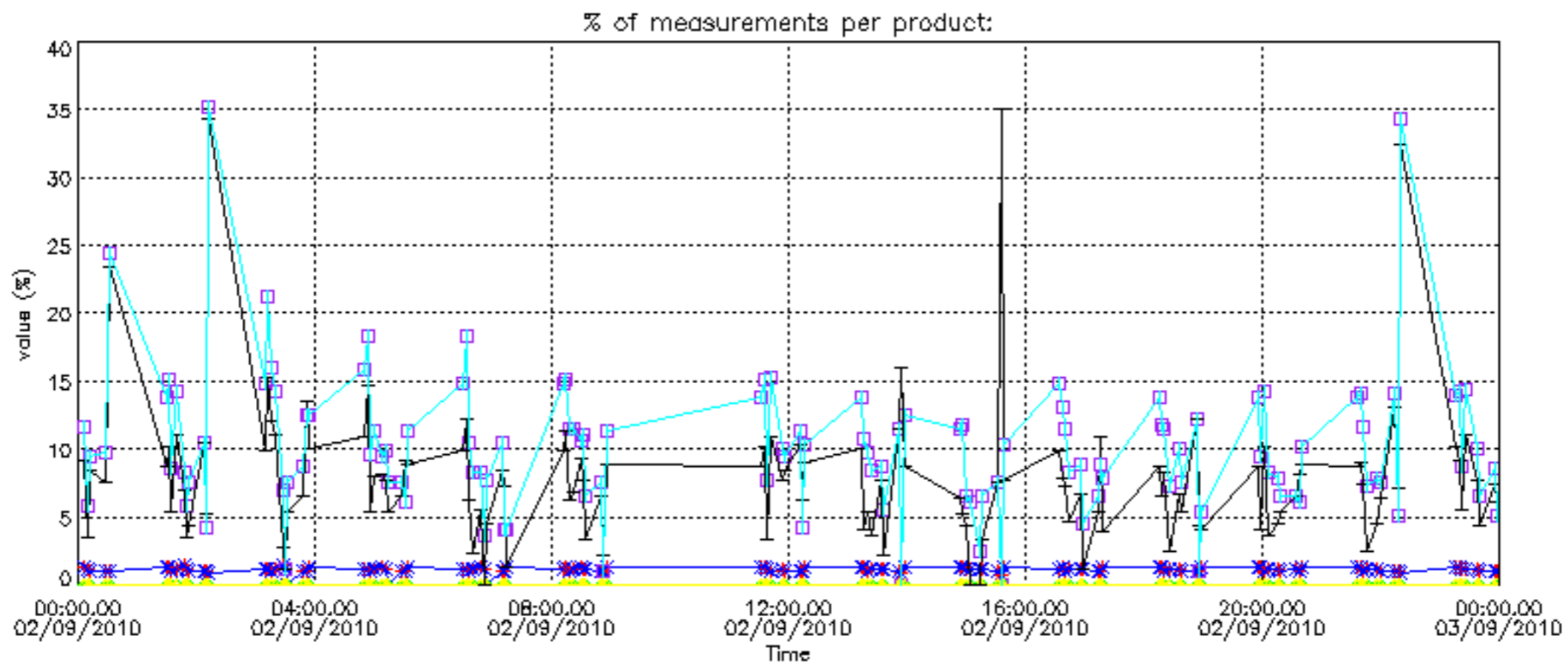
Percentage of flagged data per NO2 profile



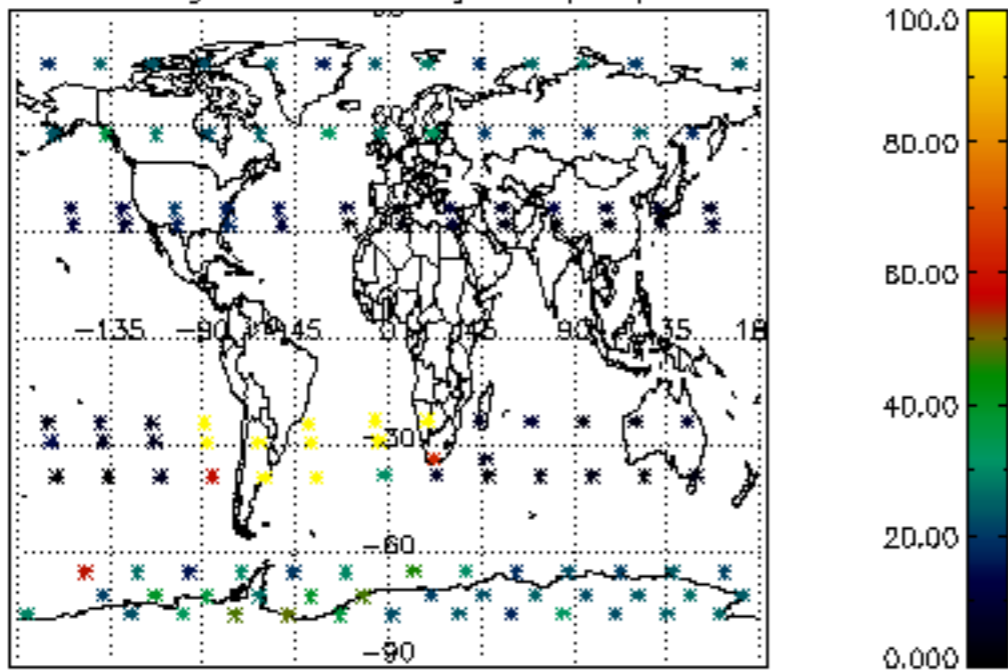
Percentage of flagged data per NO3 profile



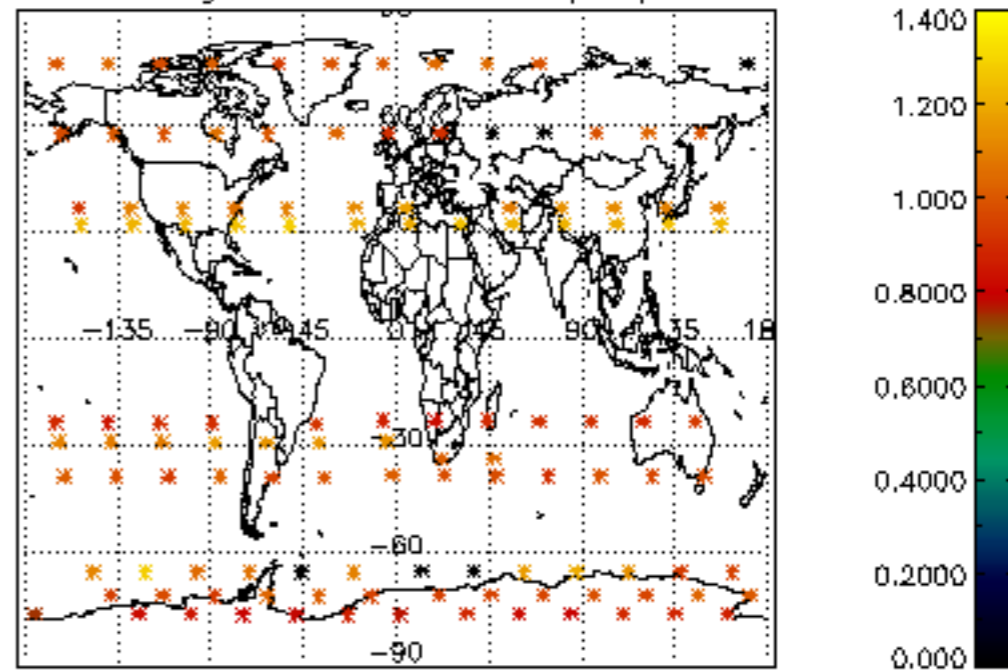




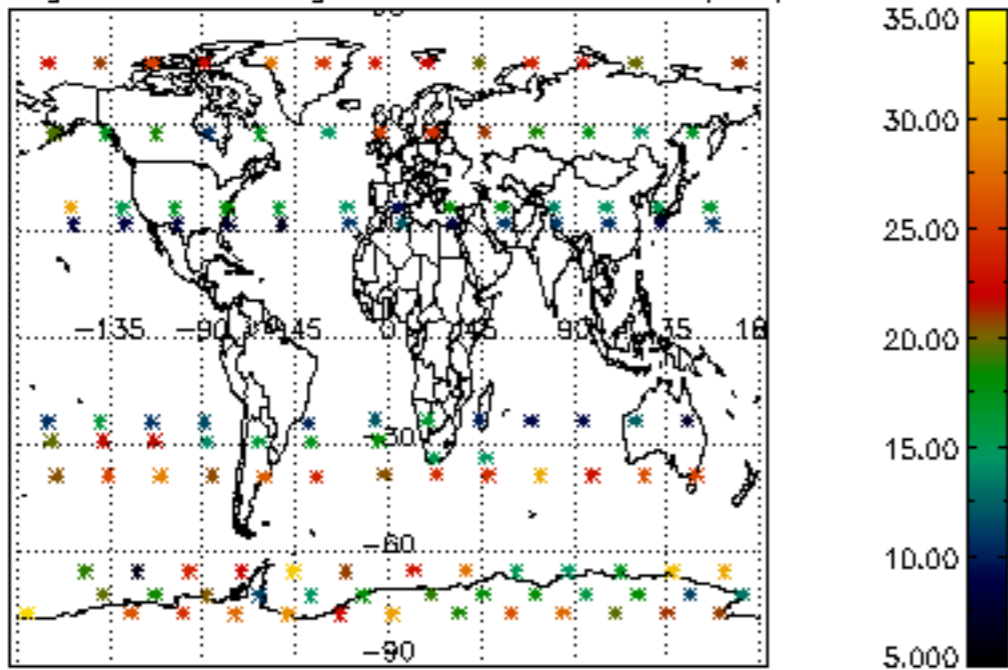
Percentage of cosmic ray hits per profile



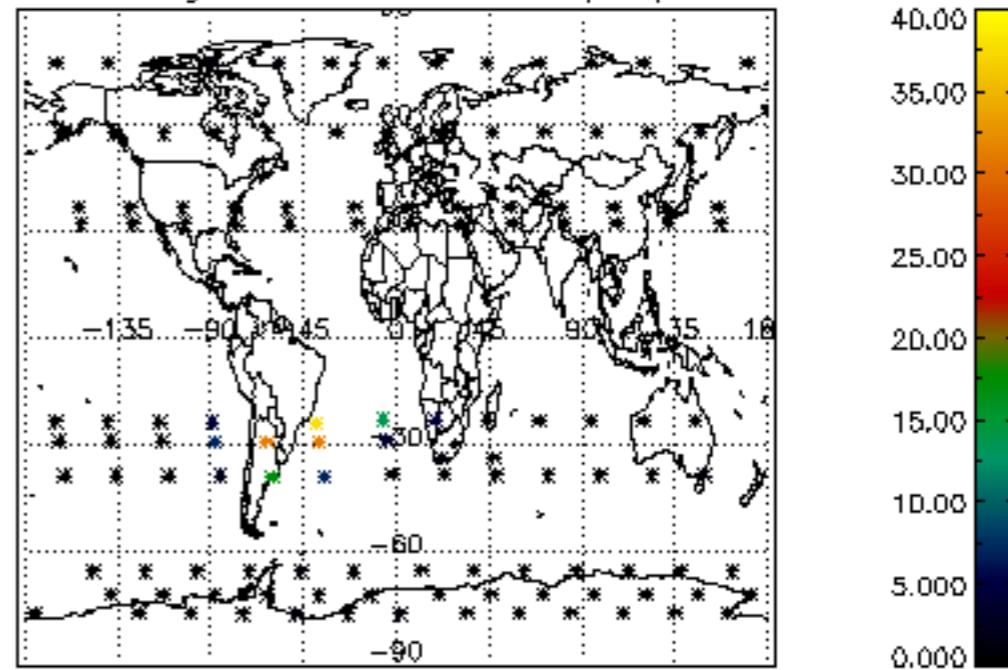
Percentage of datation errors per profile



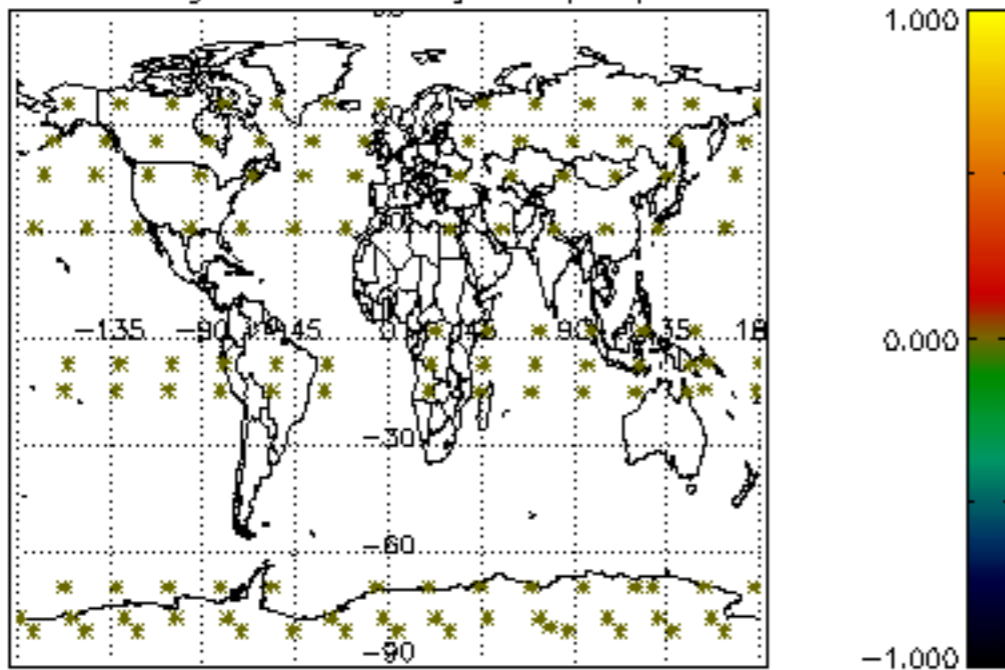
Percentage of star falling outside central band per profile



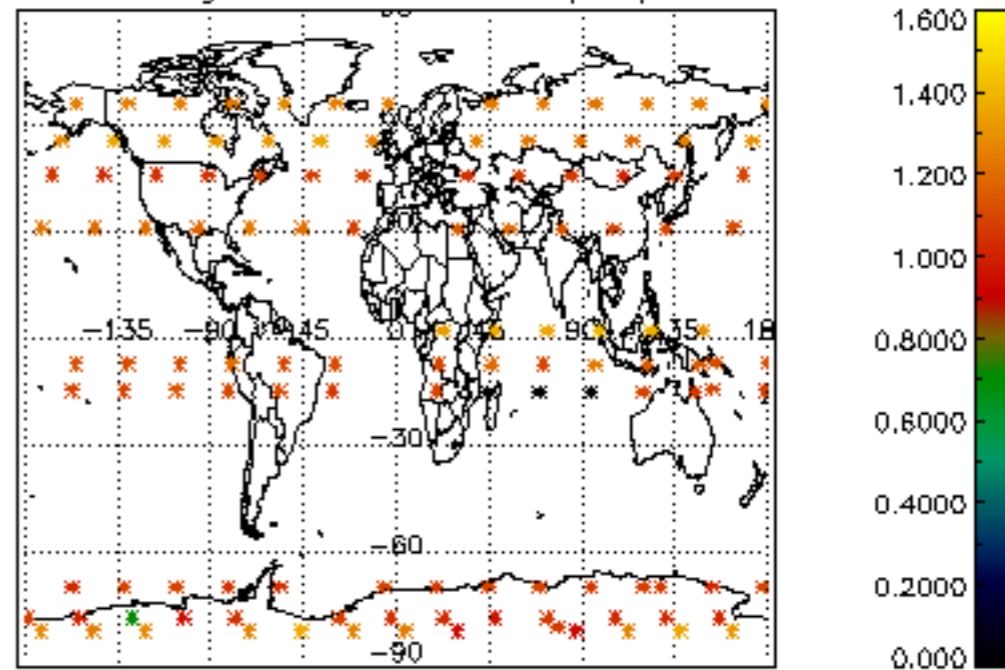
Percentage of saturation errors per profile



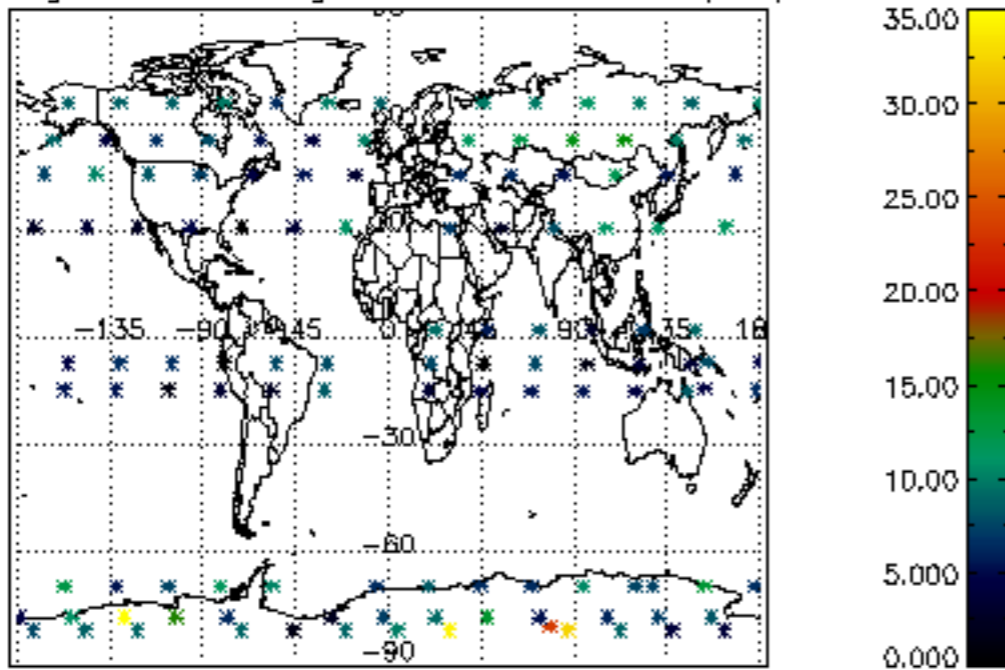
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

