

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	29APR2013 09:53:16
Data source version	GOMOS/6.01
Start time of products	20-04-2010 (20APR2010 00:00:00)
Stop time of products	21-04-2010 (21APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	288
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__2PRFIN20100420_000125_000000422088_00403_42541_5328.N1	20-APR-2010 00:01:25	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42541	No
2	GOM_NL__2PRFIN20100420_000955_000000542088_00403_42541_5329.N1	20-APR-2010 00:09:55	Straylight	54.000	40	The Sco	1.8590	7100.0	108	42541	No
3	GOM_NL__2PRFIN20100420_001621_000000412088_00403_42541_5330.N1	20-APR-2010 00:16:21	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42541	No
4	GOM_NL__2PRFIN20100420_001756_000000452088_00403_42541_5331.N1	20-APR-2010 00:17:56	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42541	No
5	GOM_NL__2PRFIN20100420_002013_000000482088_00403_42541_5332.N1	20-APR-2010 00:20:13	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42541	No
6	GOM_NL__2PRFIN20100420_002447_000000412088_00403_42541_5333.N1	20-APR-2010 00:24:47	Twilight_stray	40.500	169	46Gam Hya	2.9910	4700.0	81	42541	No
7	GOM_NL__2PRFIN20100420_002818_000000442088_00403_42541_5334.N1	20-APR-2010 00:28:18	Bright	44.000	15	67Alp Vir	0.97600	28000.	88	42541	No
8	GOM_NL__2PRFIN20100420_003458_000000382088_00403_42541_5335.N1	20-APR-2010 00:34:58	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42541	No
9	GOM_NL__2PRFIN20100420_003800_000000462088_00403_42541_5336.N1	20-APR-2010 00:38:00	Bright	46.000	111	8Eta Boo	2.6800	6000.0	92	42541	No
10	GOM_NL__2PRFIN20100420_004258_000000382088_00403_42541_5337.N1	20-APR-2010 00:42:58	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42541	No
11	GOM_NL__2PRFIN20100420_004704_000000392088_00403_42541_5338.N1	20-APR-2010 00:47:04	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42541	No
12	GOM_NL__2PRFIN20100420_005419_000000402088_00403_42541_5339.N1	20-APR-2010 00:54:19	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42541	No
13	GOM_NL__2PRFIN20100420_010430_000000582088_00403_42541_5340.N1	20-APR-2010 01:04:30	Bright	58.000	89	5Alp Cep	2.4510	8000.0	116	42541	No
14	GOM_NL__2PRFIN20100420_011446_000000552088_00403_42541_5341.N1	20-APR-2010 01:14:46	Bright	55.000	164	44Eta Peg	2.9480	5400.0	110	42541	No
15	GOM_NL__2PRFIN20100420_012210_000000562088_00403_42541_5342.N1	20-APR-2010 01:22:10	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42541	No
16	GOM_NL__2PRFIN20100420_012438_000000472088_00403_42541_5343.N1	20-APR-2010 01:24:38	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42541	No
17	GOM_NL__2PRFIN20100420_012729_000000512088_00403_42541_5344.N1	20-APR-2010 01:27:29	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42541	No
18	GOM_NL__2PRFIN20100420_012948_000000452088_00403_42541_5345.N1	20-APR-2010 01:29:48	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42541	No
19	GOM_NL__2PRFIN20100420_014202_000000402088_00404_42542_5336.N1	20-APR-2010 01:42:02	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42542	No
20	GOM_NL__2PRFIN20100420_015031_000000582088_00404_42542_5337.N1	20-APR-2010 01:50:31	Straylight	57.500	40	The Sco	1.8590	7100.0	115	42542	No
21	GOM_NL__2PRFIN20100420_015657_000000432088_00404_42542_5338.N1	20-APR-2010 01:56:57	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42542	No
22	GOM_NL__2PRFIN20100420_015832_000000422088_00404_42542_5339.N1	20-APR-2010 01:58:32	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42542	No
23	GOM_NL__2PRFIN20100420_020049_000000462088_00404_42542_5340.N1	20-APR-2010 02:00:49	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42542	No
24	GOM_NL__2PRFIN20100420_020523_000000432088_00404_42542_5341.N1	20-APR-2010 02:05:23	Twilight_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42542	No
25	GOM_NL__2PRFIN20100420_020854_000000452088_00404_42542_5342.N1	20-APR-2010 02:08:54	Bright	44.500	15	67Alp Vir	0.97600	28000.	89	42542	No
26	GOM_NL__2PRFIN20100420_021534_000000392088_00404_42542_5343.N1	20-APR-2010 02:15:34	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	42542	No
27	GOM_NL__2PRFIN20100420_021836_000000472088_00404_42542_5344.N1	20-APR-2010 02:18:36	Bright	46.500	111	8Eta Boo	2.6800	6000.0	93	42542	No
28	GOM_NL__2PRFIN20100420_022334_000000372088_00404_42542_5345.N1	20-APR-2010 02:23:34	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42542	No
29	GOM_NL__2PRFIN20100420_022740_000000392088_00404_42542_5346.N1	20-APR-2010 02:27:40	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42542	No
30	GOM_NL__2PRFIN20100420_023454_000000372088_00404_42542_5347.N1	20-APR-2010 02:34:54	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42542	No
31	GOM_NL__2PRFIN20100420_024506_000000412088_00404_42542_5348.N1	20-APR-2010 02:45:06	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42542	No
32	GOM_NL__2PRFIN20100420_025522_000000392088_00404_42542_5349.N1	20-APR-2010 02:55:22	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42542	No
33	GOM_NL__2PRFIN20100420_030247_000000512088_00404_42542_5350.N1	20-APR-2010 03:02:47	Dark	50.500	61	8Eps Peg	2.1000	3900.0	101	42542	No
34	GOM_NL__2PRFIN20100420_030515_000000482088_00404_42542_5351.N1	20-APR-2010 03:05:15	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	42542	No
35	GOM_NL__2PRFIN20100420_030806_000000502088_00404_42542_5352.N1	20-APR-2010 03:08:06	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42542	No
36	GOM_NL__2PRFIN20100420_031025_000000472088_00404_42542_5353.N1	20-APR-2010 03:10:25	Dark	47.000	142	49Del Cap	2.8500	8900.0	94	42542	No
37	GOM_NL__2PRFIN20100420_031534_000000402088_00404_42542_5354.N1	20-APR-2010 03:15:34	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42542	No
38	GOM_NL__2PRFIN20100420_032239_000000382088_00405_42543_5344.N1	20-APR-2010 03:22:39	Dark	38.000	45	Alp Pav	1.9400	26000.	76	42543	No
39	GOM_NL__2PRFIN20100420_033108_000000562088_00405_42543_5345.N1	20-APR-2010 03:31:08	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42543	No
40	GOM_NL__2PRFIN20100420_033734_000000402088_00405_42543_5346.N1	20-APR-2010 03:37:34	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	42543	No
41	GOM_NL__2PRFIN20100420_033908_000000452088_00405_42543_5347.N1	20-APR-2010 03:39:08	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42543	No
42	GOM_NL__2PRFIN20100420_034125_000000482088_00405_42543_5348.N1	20-APR-2010 03:41:25	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42543	No

43	GOM_NL__2PRFIN20100420_034559_000000442088_00405_42543_5349.N1	20-APR-2010 03:45:59	Twilight	43.500	169	46Gam Hya	2.9910	4700.0	87	42543	No
44	GOM_NL__2PRFIN20100420_034930_000000432088_00405_42543_5350.N1	20-APR-2010 03:49:30	Bright	43.000	15	67Alp Vir	0.97600	28000.	86	42543	No
45	GOM_NL__2PRFIN20100420_035610_000000392088_00405_42543_5351.N1	20-APR-2010 03:56:10	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	42543	No
46	GOM_NL__2PRFIN20100420_035912_000000452088_00405_42543_5352.N1	20-APR-2010 03:59:12	Bright	45.000	111	8Eta Boo	2.6800	6000.0	90	42543	No
47	GOM_NL__2PRFIN20100420_040409_000000392088_00405_42543_5353.N1	20-APR-2010 04:04:09	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42543	No
48	GOM_NL__2PRFIN20100420_040815_000000402088_00405_42543_5354.N1	20-APR-2010 04:08:15	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42543	No
49	GOM_NL__2PRFIN20100420_041530_000000402088_00405_42543_5355.N1	20-APR-2010 04:15:30	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42543	No
50	GOM_NL__2PRFIN20100420_042542_000000382088_00405_42543_5356.N1	20-APR-2010 04:25:42	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	42543	No
51	GOM_NL__2PRFIN20100420_043558_000000402088_00405_42543_5357.N1	20-APR-2010 04:35:58	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42543	No
52	GOM_NL__2PRFIN20100420_044323_000000542088_00405_42543_5358.N1	20-APR-2010 04:43:23	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42543	No
53	GOM_NL__2PRFIN20100420_044551_000000492088_00405_42543_5359.N1	20-APR-2010 04:45:51	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42543	No
54	GOM_NL__2PRFIN20100420_044843_000000522088_00405_42543_5360.N1	20-APR-2010 04:48:43	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	42543	No
55	GOM_NL__2PRFIN20100420_045101_000000482088_00405_42543_5361.N1	20-APR-2010 04:51:01	Dark	47.500	142	49Del Cap	2.8500	8900.0	95	42543	No
56	GOM_NL__2PRFIN20100420_045611_000000422088_00405_42543_5362.N1	20-APR-2010 04:56:11	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42543	No
57	GOM_NL__2PRFIN20100420_050315_000000402088_00406_42544_5352.N1	20-APR-2010 05:03:15	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42544	No
58	GOM_NL__2PRFIN20100420_051146_000000562088_00406_42544_5353.N1	20-APR-2010 05:11:46	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42544	No
59	GOM_NL__2PRFIN20100420_051810_000000442088_00406_42544_5354.N1	20-APR-2010 05:18:10	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42544	No
60	GOM_NL__2PRFIN20100420_051945_000000452088_00406_42544_5355.N1	20-APR-2010 05:19:45	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42544	No
61	GOM_NL__2PRFIN20100420_052202_000000482088_00406_42544_5356.N1	20-APR-2010 05:22:02	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42544	No
62	GOM_NL__2PRFIN20100420_052635_000000432088_00406_42544_5357.N1	20-APR-2010 05:26:35	Twilight	42.500	169	46Gam Hya	2.9910	4700.0	85	42544	No
63	GOM_NL__2PRFIN20100420_053007_000000442088_00406_42544_5358.N1	20-APR-2010 05:30:07	Bright	44.000	15	67Alp Vir	0.97600	28000.	88	42544	No
64	GOM_NL__2PRFIN20100420_053646_000000392088_00406_42544_5359.N1	20-APR-2010 05:36:46	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	42544	No
65	GOM_NL__2PRFIN20100420_053947_000000452088_00406_42544_5360.N1	20-APR-2010 05:39:47	Bright	44.500	111	8Eta Boo	2.6800	6000.0	89	42544	No
66	GOM_NL__2PRFIN20100420_054445_000000382088_00406_42544_5361.N1	20-APR-2010 05:44:45	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42544	No
67	GOM_NL__2PRFIN20100420_054851_000000422088_00406_42544_5362.N1	20-APR-2010 05:48:51	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42544	No
68	GOM_NL__2PRFIN20100420_055606_000000392088_00406_42544_5363.N1	20-APR-2010 05:56:06	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42544	No
69	GOM_NL__2PRFIN20100420_060618_000000402088_00406_42544_5364.N1	20-APR-2010 06:06:18	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42544	No
70	GOM_NL__2PRFIN20100420_061634_000000402088_00406_42544_5365.N1	20-APR-2010 06:16:34	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42544	No
71	GOM_NL__2PRFIN20100420_062400_000000532088_00406_42544_5366.N1	20-APR-2010 06:24:00	Dark	52.500	61	8Eps Peg	2.1000	3900.0	105	42544	No
72	GOM_NL__2PRFIN20100420_062628_000000452088_00406_42544_5367.N1	20-APR-2010 06:26:28	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	42544	No
73	GOM_NL__2PRFIN20100420_062920_000000512088_00406_42544_5368.N1	20-APR-2010 06:29:20	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42544	No
74	GOM_NL__2PRFIN20100420_063138_000000452088_00406_42544_5369.N1	20-APR-2010 06:31:38	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42544	No
75	GOM_NL__2PRFIN20100420_063648_000000402088_00406_42544_5370.N1	20-APR-2010 06:36:48	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42544	No
76	GOM_NL__2PRFIN20100420_064352_000000392088_00407_42545_5360.N1	20-APR-2010 06:43:52	Dark	39.000	45	Alp Pav	1.9400	26000.	78	42545	No
77	GOM_NL__2PRFIN20100420_065223_000000512088_00407_42545_5361.N1	20-APR-2010 06:52:23	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42545	No
78	GOM_NL__2PRFIN20100420_065847_000000402088_00407_42545_5362.N1	20-APR-2010 06:58:47	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42545	No
79	GOM_NL__2PRFIN20100420_070021_000000442088_00407_42545_5363.N1	20-APR-2010 07:00:21	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42545	No
80	GOM_NL__2PRFIN20100420_070238_000000472088_00407_42545_5364.N1	20-APR-2010 07:02:38	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42545	No
81	GOM_NL__2PRFIN20100420_070711_000000432088_00407_42545_5365.N1	20-APR-2010 07:07:11	Twilight	43.000	169	46Gam Hya	2.9910	4700.0	86	42545	No
82	GOM_NL__2PRFIN20100420_071043_000000422088_00407_42545_5366.N1	20-APR-2010 07:10:43	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42545	No
83	GOM_NL__2PRFIN20100420_071722_000000392088_00407_42545_5367.N1	20-APR-2010 07:17:22	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	42545	No
84	GOM_NL__2PRFIN20100420_072023_000000462088_00407_42545_5368.N1	20-APR-2010 07:20:23	Bright	45.500	111	8Eta Boo	2.6800	6000.0	91	42545	No
85	GOM_NL__2PRFIN20100420_072521_000000382088_00407_42545_5369.N1	20-APR-2010 07:25:21	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42545	No
86	GOM_NL__2PRFIN20100420_072926_000000402088_00407_42545_5370.N1	20-APR-2010 07:29:26	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42545	No
87	GOM_NL__2PRFIN20100420_073641_000000402088_00407_42545_5371.N1	20-APR-2010 07:36:41	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42545	No
88	GOM_NL__2PRFIN20100420_074653_000000422088_00407_42545_5372.N1	20-APR-2010 07:46:53	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42545	No
89	GOM_NL__2PRFIN20100420_075710_000000392088_00407_42545_5373.N1	20-APR-2010 07:57:10	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	42545	No
90	GOM_NL__2PRFIN20100420_080436_000000552088_00407_42545_5374.N1	20-APR-2010 08:04:36	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	42545	No
91	GOM_NL__2PRFIN20100420_080704_000000472088_00407_42545_5375.N1	20-APR-2010 08:07:04	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42545	No
92	GOM_NL__2PRFIN20100420_080956_000000502088_00407_42545_5376.N1	20-APR-2010 08:09:56	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42545	No
93	GOM_NL__2PRFIN20100420_081215_000000462088_00407_42545_5377.N1	20-APR-2010 08:12:15	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	42545	No
94	GOM_NL__2PRFIN20100420_081724_000000412088_00407_42545_5378.N1	20-APR-2010 08:17:24	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42545	No
95	GOM_NL__2PRFIN20100420_082428_000000472088_00408_42546_5368.N1	20-APR-2010 08:24:28	Dark	46.500	45	Alp Pav	1.9400	26000.	93	42546	No
96	GOM_NL__2PRFIN20100420_083300_000000622088_00408_42546_5369.N1	20-APR-2010 08:33:00	Straylight	61.500	40	The Sco	1.8590	7100.0	123	42546	No
97	GOM_NL__2PRFIN20100420_083923_000000402088_00408_42546_5370.N1	20-APR-2010 08:39:23	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	42546	No
98	GOM_NL__2PRFIN20100420_084057_000000432088_00408_42546_5371.N1	20-APR-2010 08:40:57	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42546	No
99	GOM_NL__2PRFIN20100420_084314_000000472088_00408_42546_5372.N1	20-APR-2010 08:43:14	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42546	No
100	GOM_NL__2PRFIN20100420_084748_000000392088_00408_42546_5373.N1	20-APR-2010 08:47:48	Twilight	39.000	169	46Gam Hya	2.9910	4700.0	78	42546	No
101	GOM_NL__2PRFIN20100420_084917_000000292088_00408_42546_5374.N1	20-APR-2010 08:49:17	Twilight	29.000	122	9Alp2Lib	2.7470	9700.0	58	42546	No

102	GOM_NL__2PRFIN20100420_085119_000000432088_00408_42546_5375.N1	20-APR-2010 08:51:19	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42546	No
103	GOM_NL__2PRFIN20100420_085757_000000402088_00408_42546_5376.N1	20-APR-2010 08:57:57	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	42546	No
104	GOM_NL__2PRFIN20100420_090058_000000462088_00408_42546_5377.N1	20-APR-2010 09:00:58	Bright	45.500	111	8Eta Boo	2.6800	6000.0	91	42546	No
105	GOM_NL__2PRFIN20100420_090557_000000372088_00408_42546_5378.N1	20-APR-2010 09:05:57	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42546	No
106	GOM_NL__2PRFIN20100420_091002_000000392088_00408_42546_5379.N1	20-APR-2010 09:10:02	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42546	No
107	GOM_NL__2PRFIN20100420_091717_000000392088_00408_42546_5380.N1	20-APR-2010 09:17:17	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42546	No
108	GOM_NL__2PRFIN20100420_092729_000000442088_00408_42546_5381.N1	20-APR-2010 09:27:29	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	42546	No
109	GOM_NL__2PRFIN20100420_093746_000000392088_00408_42546_5382.N1	20-APR-2010 09:37:46	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42546	No
110	GOM_NL__2PRFIN20100420_094513_000000542088_00408_42546_5383.N1	20-APR-2010 09:45:13	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42546	No
111	GOM_NL__2PRFIN20100420_094741_000000472088_00408_42546_5384.N1	20-APR-2010 09:47:41	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42546	No
112	GOM_NL__2PRFIN20100420_095033_000000502088_00408_42546_5385.N1	20-APR-2010 09:50:33	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	42546	No
113	GOM_NL__2PRFIN20100420_095251_000000452088_00408_42546_5386.N1	20-APR-2010 09:52:51	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42546	No
114	GOM_NL__2PRFIN20100420_095800_000000402088_00408_42546_5387.N1	20-APR-2010 09:58:00	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42546	No
115	GOM_NL__2PRFIN20100420_100505_000000412088_00409_42547_5378.N1	20-APR-2010 10:05:05	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42547	No
116	GOM_NL__2PRFIN20100420_101336_000000632088_00409_42547_5379.N1	20-APR-2010 10:13:36	Straylight	63.000	40	The Sco	1.8590	7100.0	126	42547	No
117	GOM_NL__2PRFIN20100420_101959_000000412088_00409_42547_5380.N1	20-APR-2010 10:19:59	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42547	No
118	GOM_NL__2PRFIN20100420_102134_000000442088_00409_42547_5381.N1	20-APR-2010 10:21:34	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42547	No
119	GOM_NL__2PRFIN20100420_102350_000000482088_00409_42547_5382.N1	20-APR-2010 10:23:50	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42547	No
120	GOM_NL__2PRFIN20100420_102824_000000422088_00409_42547_5383.N1	20-APR-2010 10:28:24	Twi_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	42547	No
121	GOM_NL__2PRFIN20100420_102952_000000292088_00409_42547_5384.N1	20-APR-2010 10:29:52	Twi_and_stray	29.000	122	9Alp2Lib	2.7470	9700.0	58	42547	No
122	GOM_NL__2PRFIN20100420_103154_000000432088_00409_42547_5385.N1	20-APR-2010 10:31:54	Bright	43.000	15	67Alp Vir	0.97600	28000.	86	42547	No
123	GOM_NL__2PRFIN20100420_103833_000000382088_00409_42547_5386.N1	20-APR-2010 10:38:33	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42547	No
124	GOM_NL__2PRFIN20100420_104134_000000442088_00409_42547_5387.N1	20-APR-2010 10:41:34	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42547	No
125	GOM_NL__2PRFIN20100420_104632_000000382088_00409_42547_5388.N1	20-APR-2010 10:46:32	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42547	No
126	GOM_NL__2PRFIN20100420_105037_000000432088_00409_42547_5389.N1	20-APR-2010 10:50:37	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	42547	No
127	GOM_NL__2PRFIN20100420_105753_000000562088_00409_42547_5390.N1	20-APR-2010 10:57:53	Bright	56.000	60	7Bet UMi	2.0810	3950.0	112	42547	No
128	GOM_NL__2PRFIN20100420_110804_000000402088_00409_42547_5391.N1	20-APR-2010 11:08:04	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42547	No
129	GOM_NL__2PRFIN20100420_111822_000000402088_00409_42547_5392.N1	20-APR-2010 11:18:22	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42547	No
130	GOM_NL__2PRFIN20100420_112549_000000512088_00409_42547_5393.N1	20-APR-2010 11:25:49	Dark	51.000	61	8Eps Peg	2.1000	3900.0	102	42547	No
131	GOM_NL__2PRFIN20100420_112817_000000472088_00409_42547_5394.N1	20-APR-2010 11:28:17	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42547	No
132	GOM_NL__2PRFIN20100420_113109_000000552088_00409_42547_5395.N1	20-APR-2010 11:31:09	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42547	No
133	GOM_NL__2PRFIN20100420_113328_000000482088_00409_42547_5396.N1	20-APR-2010 11:33:28	Dark	47.500	142	49Del Cap	2.8500	8900.0	95	42547	No
134	GOM_NL__2PRFIN20100420_113837_000000402088_00409_42547_5397.N1	20-APR-2010 11:38:37	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42547	No
135	GOM_NL__2PRFIN20100420_114542_000000402088_00410_42548_5386.N1	20-APR-2010 11:45:42	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42548	No
136	GOM_NL__2PRFIN20100420_115414_000000592088_00410_42548_5387.N1	20-APR-2010 11:54:14	Straylight	59.000	40	The Sco	1.8590	7100.0	118	42548	No
137	GOM_NL__2PRFIN20100420_120035_000000422088_00410_42548_5388.N1	20-APR-2010 12:00:35	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42548	No
138	GOM_NL__2PRFIN20100420_120210_000000412088_00410_42548_5389.N1	20-APR-2010 12:02:10	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	42548	No
139	GOM_NL__2PRFIN20100420_120427_000000472088_00410_42548_5390.N1	20-APR-2010 12:04:27	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42548	No
140	GOM_NL__2PRFIN20100420_120859_000000442088_00410_42548_5391.N1	20-APR-2010 12:08:59	Twi_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42548	No
141	GOM_NL__2PRFIN20100420_121028_000000342088_00410_42548_5392.N1	20-APR-2010 12:10:28	Twi_and_stray	33.500	122	9Alp2Lib	2.7470	9700.0	67	42548	No
142	GOM_NL__2PRFIN20100420_121230_000000432088_00410_42548_5393.N1	20-APR-2010 12:12:30	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42548	No
143	GOM_NL__2PRFIN20100420_121909_000000382088_00410_42548_5394.N1	20-APR-2010 12:19:09	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42548	No
144	GOM_NL__2PRFIN20100420_122209_000000442088_00410_42548_5395.N1	20-APR-2010 12:22:09	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42548	No
145	GOM_NL__2PRFIN20100420_122708_000000372088_00410_42548_5396.N1	20-APR-2010 12:27:08	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42548	No
146	GOM_NL__2PRFIN20100420_122941_000000272088_00410_42548_5397.N1	20-APR-2010 12:29:41	Twi_and_stray	27.000	180	27Gam Boo	3.0400	8000.0	54	42548	No
147	GOM_NL__2PRFIN20100420_123113_000000592088_00410_42548_5398.N1	20-APR-2010 12:31:13	Bright	59.000	39	85Eta UMa	1.8540	24000.	118	42548	No
148	GOM_NL__2PRFIN20100420_123828_000000402088_00410_42548_5399.N1	20-APR-2010 12:38:28	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42548	No
149	GOM_NL__2PRFIN20100420_124841_000000432088_00410_42548_5400.N1	20-APR-2010 12:48:41	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42548	No
150	GOM_NL__2PRFIN20100420_125858_000000402088_00410_42548_5401.N1	20-APR-2010 12:58:58	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42548	No
151	GOM_NL__2PRFIN20100420_130625_000000522088_00410_42548_5402.N1	20-APR-2010 13:06:25	Dark	51.500	61	8Eps Peg	2.1000	3900.0	103	42548	No
152	GOM_NL__2PRFIN20100420_130853_000000482088_00410_42548_5403.N1	20-APR-2010 13:08:53	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	42548	No
153	GOM_NL__2PRFIN20100420_131146_000000512088_00410_42548_5404.N1	20-APR-2010 13:11:46	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	42548	No
154	GOM_NL__2PRFIN20100420_131404_000000462088_00410_42548_5405.N1	20-APR-2010 13:14:04	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	42548	No
155	GOM_NL__2PRFIN20100420_131914_000000402088_00410_42548_5406.N1	20-APR-2010 13:19:14	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42548	No
156	GOM_NL__2PRFIN20100420_132618_000000472088_00411_42549_5394.N1	20-APR-2010 13:26:18	Dark	47.000	45	Alp Pav	1.9400	26000.	94	42549	No
157	GOM_NL__2PRFIN20100420_133450_000000602088_00411_42549_5395.N1	20-APR-2010 13:34:50	Straylight	60.000	40	The Sco	1.8590	7100.0	120	42549	No
158	GOM_NL__2PRFIN20100420_134112_000000392088_00411_42549_5396.N1	20-APR-2010 13:41:12	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	42549	No
159	GOM_NL__2PRFIN20100420_134247_000000462088_00411_42549_5397.N1	20-APR-2010 13:42:47	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42549	No
160	GOM_NL__2PRFIN20100420_134503_000000482088_00411_42549_5398.N1	20-APR-2010 13:45:03	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42549	No

161	GOM_NL__2PRFIN20100420_134936_000000432088_00411_42549_5399.N1	20-APR-2010 13:49:36	Twilight	43.000	169	46Gam Hya	2.9910	4700.0	86	42549	No
162	GOM_NL__2PRFIN20100420_135105_000000342088_00411_42549_5400.N1	20-APR-2010 13:51:05	Twilight	34.000	122	9Alp2Lib	2.7470	9700.0	68	42549	No
163	GOM_NL__2PRFIN20100420_135307_000000472088_00411_42549_5401.N1	20-APR-2010 13:53:07	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	42549	No
164	GOM_NL__2PRFIN20100420_135945_000000392088_00411_42549_5402.N1	20-APR-2010 13:59:45	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	42549	No
165	GOM_NL__2PRFIN20100420_140245_000000442088_00411_42549_5403.N1	20-APR-2010 14:02:45	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42549	No
166	GOM_NL__2PRFIN20100420_140744_000000382088_00411_42549_5404.N1	20-APR-2010 14:07:44	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42549	No
167	GOM_NL__2PRFIN20100420_141016_000000272088_00411_42549_5405.N1	20-APR-2010 14:10:16	Twilight	27.000	180	27Gam Boo	3.0400	8000.0	54	42549	No
168	GOM_NL__2PRFIN20100420_141148_000000412088_00411_42549_5406.N1	20-APR-2010 14:11:48	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42549	No
169	GOM_NL__2PRFIN20100420_141904_000000412088_00411_42549_5407.N1	20-APR-2010 14:19:04	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42549	No
170	GOM_NL__2PRFIN20100420_142916_000000422088_00411_42549_5408.N1	20-APR-2010 14:29:16	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42549	No
171	GOM_NL__2PRFIN20100420_143935_000000362088_00411_42549_5409.N1	20-APR-2010 14:39:35	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	42549	No
172	GOM_NL__2PRFIN20100420_144702_000000562088_00411_42549_5410.N1	20-APR-2010 14:47:02	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42549	No
173	GOM_NL__2PRFIN20100420_144930_000000492088_00411_42549_5411.N1	20-APR-2010 14:49:30	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42549	No
174	GOM_NL__2PRFIN20100420_145223_000000502088_00411_42549_5412.N1	20-APR-2010 14:52:23	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	42549	No
175	GOM_NL__2PRFIN20100420_145441_000000462088_00411_42549_5413.N1	20-APR-2010 14:54:41	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	42549	No
176	GOM_NL__2PRFIN20100420_145950_000000402088_00411_42549_5414.N1	20-APR-2010 14:59:50	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42549	No
177	GOM_NL__2PRFIN20100420_150654_000000402088_00412_42550_5402.N1	20-APR-2010 15:06:54	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42550	No
178	GOM_NL__2PRFIN20100420_151527_000000522088_00412_42550_5403.N1	20-APR-2010 15:15:27	Straylight	52.000	40	The Sco	1.8590	7100.0	104	42550	No
179	GOM_NL__2PRFIN20100420_152148_000000412088_00412_42550_5404.N1	20-APR-2010 15:21:48	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42550	No
180	GOM_NL__2PRFIN20100420_152323_000000432088_00412_42550_5405.N1	20-APR-2010 15:23:23	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42550	No
181	GOM_NL__2PRFIN20100420_152539_000000492088_00412_42550_5406.N1	20-APR-2010 15:25:39	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42550	No
182	GOM_NL__2PRFIN20100420_153012_000000432088_00412_42550_5407.N1	20-APR-2010 15:30:12	Twilight	42.500	169	46Gam Hya	2.9910	4700.0	85	42550	No
183	GOM_NL__2PRFIN20100420_153140_000000402088_00412_42550_5408.N1	20-APR-2010 15:31:40	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	42550	No
184	GOM_NL__2PRFIN20100420_153342_000000462088_00412_42550_5409.N1	20-APR-2010 15:33:42	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	42550	No
185	GOM_NL__2PRFIN20100420_154021_000000382088_00412_42550_5410.N1	20-APR-2010 15:40:21	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42550	No
186	GOM_NL__2PRFIN20100420_154320_000000432088_00412_42550_5411.N1	20-APR-2010 15:43:20	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	42550	No
187	GOM_NL__2PRFIN20100420_154819_000000392088_00412_42550_5412.N1	20-APR-2010 15:48:19	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42550	No
188	GOM_NL__2PRFIN20100420_155051_000000332088_00412_42550_5413.N1	20-APR-2010 15:50:51	Twilight	33.000	180	27Gam Boo	3.0400	8000.0	66	42550	No
189	GOM_NL__2PRFIN20100420_155224_000000412088_00412_42550_5414.N1	20-APR-2010 15:52:24	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42550	No
190	GOM_NL__2PRFIN20100420_155940_000000402088_00412_42550_5415.N1	20-APR-2010 15:59:40	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42550	No
191	GOM_NL__2PRFIN20100420_160952_000000432088_00412_42550_5416.N1	20-APR-2010 16:09:52	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42550	No
192	GOM_NL__2PRFIN20100420_162011_000000522088_00412_42550_5417.N1	20-APR-2010 16:20:11	Bright	51.500	164	44Eta Peg	2.9480	5400.0	103	42550	No
193	GOM_NL__2PRFIN20100420_162738_000000542088_00412_42550_5418.N1	20-APR-2010 16:27:38	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42550	No
194	GOM_NL__2PRFIN20100420_163006_000000472088_00412_42550_5419.N1	20-APR-2010 16:30:06	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42550	No
195	GOM_NL__2PRFIN20100420_163300_000000522088_00412_42550_5420.N1	20-APR-2010 16:33:00	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	42550	No
196	GOM_NL__2PRFIN20100420_163518_000000472088_00412_42550_5421.N1	20-APR-2010 16:35:18	Dark	47.000	142	49Del Cap	2.8500	8900.0	94	42550	No
197	GOM_NL__2PRFIN20100420_164026_000000412088_00412_42550_5422.N1	20-APR-2010 16:40:26	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42550	No
198	GOM_NL__2PRFIN20100420_164731_000000412088_00413_42551_5430.N1	20-APR-2010 16:47:31	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42551	No
199	GOM_NL__2PRFIN20100420_165604_000000542088_00413_42551_5431.N1	20-APR-2010 16:56:04	Straylight	53.500	40	The Sco	1.8590	7100.0	107	42551	No
200	GOM_NL__2PRFIN20100420_170224_000000432088_00413_42551_5432.N1	20-APR-2010 17:02:24	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42551	No
201	GOM_NL__2PRFIN20100420_170359_000000442088_00413_42551_5433.N1	20-APR-2010 17:03:59	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42551	No
202	GOM_NL__2PRFIN20100420_170615_000000472088_00413_42551_5434.N1	20-APR-2010 17:06:15	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42551	No
203	GOM_NL__2PRFIN20100420_171048_000000442088_00413_42551_5435.N1	20-APR-2010 17:10:48	Twilight	43.500	169	46Gam Hya	2.9910	4700.0	87	42551	No
204	GOM_NL__2PRFIN20100420_171216_000000402088_00413_42551_5436.N1	20-APR-2010 17:12:16	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	42551	No
205	GOM_NL__2PRFIN20100420_171418_000000472088_00413_42551_5437.N1	20-APR-2010 17:14:18	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42551	No
206	GOM_NL__2PRFIN20100420_172057_000000382088_00413_42551_5438.N1	20-APR-2010 17:20:57	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42551	No
207	GOM_NL__2PRFIN20100420_172356_000000452088_00413_42551_5439.N1	20-APR-2010 17:23:56	Bright	44.500	111	8Eta Boo	2.6800	6000.0	89	42551	No
208	GOM_NL__2PRFIN20100420_172855_000000392088_00413_42551_5440.N1	20-APR-2010 17:28:55	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42551	No
209	GOM_NL__2PRFIN20100420_173127_000000332088_00413_42551_5441.N1	20-APR-2010 17:31:27	Twilight	33.000	180	27Gam Boo	3.0400	8000.0	66	42551	No
210	GOM_NL__2PRFIN20100420_173259_000000412088_00413_42551_5442.N1	20-APR-2010 17:32:59	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42551	No
211	GOM_NL__2PRFIN20100420_174016_000000432088_00413_42551_5443.N1	20-APR-2010 17:40:16	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	42551	No
212	GOM_NL__2PRFIN20100420_175028_000000392088_00413_42551_5444.N1	20-APR-2010 17:50:28	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42551	No
213	GOM_NL__2PRFIN20100420_180046_000000412088_00413_42551_5445.N1	20-APR-2010 18:00:46	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	42551	No
214	GOM_NL__2PRFIN20100420_180815_000000552088_00413_42551_5446.N1	20-APR-2010 18:08:15	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	42551	No
215	GOM_NL__2PRFIN20100420_181043_000000482088_00413_42551_5447.N1	20-APR-2010 18:10:43	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	42551	No
216	GOM_NL__2PRFIN20100420_181336_000000512088_00413_42551_5448.N1	20-APR-2010 18:13:36	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42551	No
217	GOM_NL__2PRFIN20100420_181554_000000442088_00413_42551_5449.N1	20-APR-2010 18:15:54	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42551	No
218	GOM_NL__2PRFIN20100420_182103_000000392088_00413_42551_5450.N1	20-APR-2010 18:21:03	Dark	39.000	172	Gam Gru	3.0030	13100.	78	42551	No
219	GOM_NL__2PRFIN20100420_182807_000000392088_00414_42552_5438.N1	20-APR-2010 18:28:07	Dark	39.000	45	Alp Pav	1.9400	26000.	78	42552	No

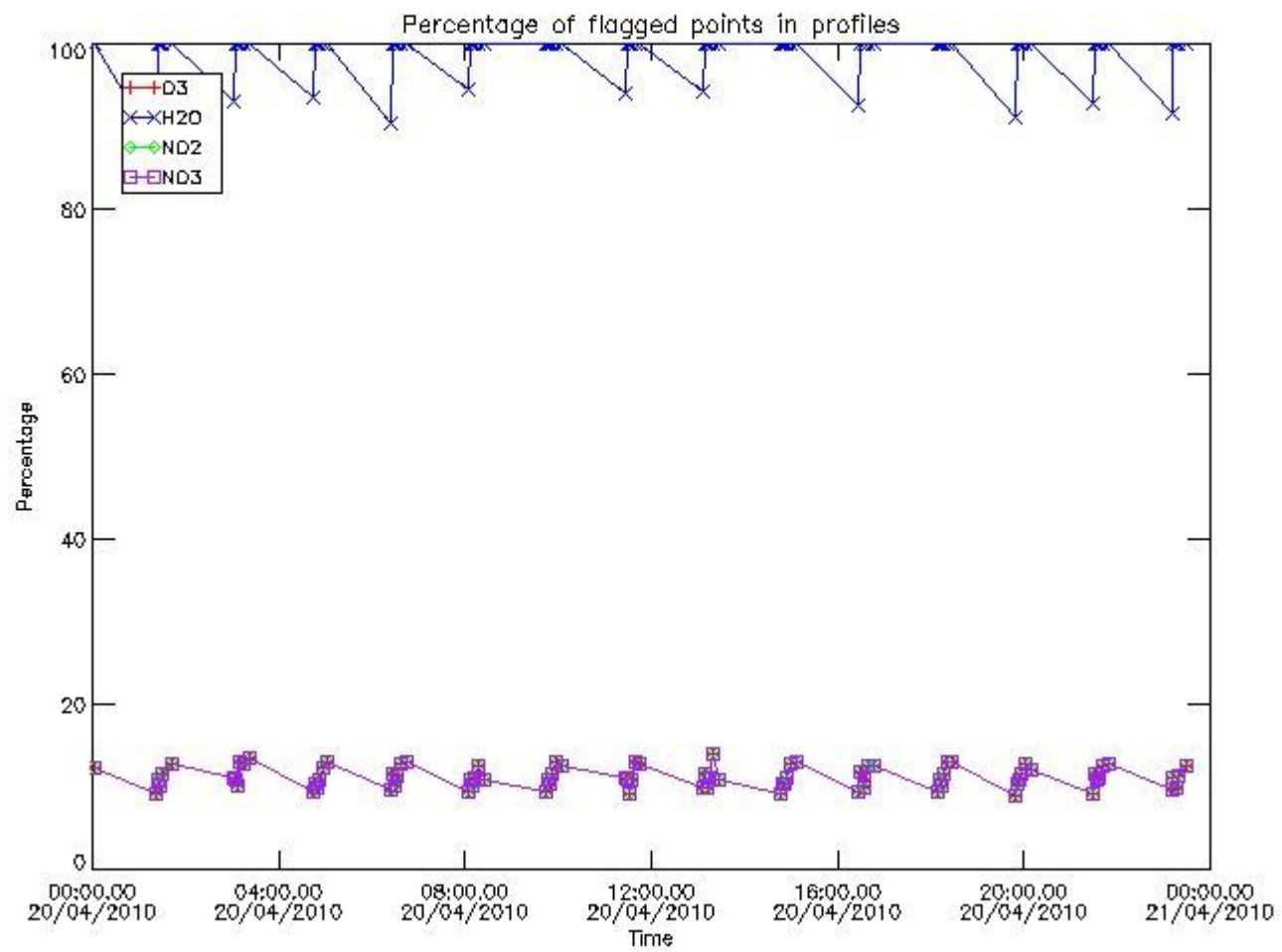
220	GOM_NL__2PRFIN20100420_183641_000000532088_00414_42552_5439.N1	20-APR-2010 18:36:41	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42552	No
221	GOM_NL__2PRFIN20100420_184301_000000402088_00414_42552_5440.N1	20-APR-2010 18:43:01	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42552	No
222	GOM_NL__2PRFIN20100420_184436_000000452088_00414_42552_5441.N1	20-APR-2010 18:44:36	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42552	No
223	GOM_NL__2PRFIN20100420_184652_000000452088_00414_42552_5442.N1	20-APR-2010 18:46:52	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42552	No
224	GOM_NL__2PRFIN20100420_185124_000000442088_00414_42552_5443.N1	20-APR-2010 18:51:24	Tw_i_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42552	No
225	GOM_NL__2PRFIN20100420_185253_000000462088_00414_42552_5444.N1	20-APR-2010 18:52:53	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	42552	No
226	GOM_NL__2PRFIN20100420_185455_000000462088_00414_42552_5445.N1	20-APR-2010 18:54:55	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	42552	No
227	GOM_NL__2PRFIN20100420_190133_000000382088_00414_42552_5446.N1	20-APR-2010 19:01:33	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42552	No
228	GOM_NL__2PRFIN20100420_190431_000000452088_00414_42552_5447.N1	20-APR-2010 19:04:31	Bright	44.500	111	8Eta Boo	2.6800	6000.0	89	42552	No
229	GOM_NL__2PRFIN20100420_190931_000000382088_00414_42552_5448.N1	20-APR-2010 19:09:31	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42552	No
230	GOM_NL__2PRFIN20100420_191202_000000392088_00414_42552_5449.N1	20-APR-2010 19:12:02	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	42552	No
231	GOM_NL__2PRFIN20100420_191335_000000422088_00414_42552_5450.N1	20-APR-2010 19:13:35	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42552	No
232	GOM_NL__2PRFIN20100420_192051_000000392088_00414_42552_5451.N1	20-APR-2010 19:20:51	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42552	No
233	GOM_NL__2PRFIN20100420_193103_000000372088_00414_42552_5452.N1	20-APR-2010 19:31:03	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42552	No
234	GOM_NL__2PRFIN20100420_194123_000000392088_00414_42552_5453.N1	20-APR-2010 19:41:23	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	42552	No
235	GOM_NL__2PRFIN20100420_194851_000000572088_00414_42552_5454.N1	20-APR-2010 19:48:51	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	42552	No
236	GOM_NL__2PRFIN20100420_195119_000000502088_00414_42552_5455.N1	20-APR-2010 19:51:19	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	42552	No
237	GOM_NL__2PRFIN20100420_195413_000000472088_00414_42552_5456.N1	20-APR-2010 19:54:13	Dark	47.000	154	22Bet Aqr	2.8990	5700.0	94	42552	No
238	GOM_NL__2PRFIN20100420_195631_000000452088_00414_42552_5457.N1	20-APR-2010 19:56:31	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42552	No
239	GOM_NL__2PRFIN20100420_200139_000000402088_00414_42552_5458.N1	20-APR-2010 20:01:39	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42552	No
240	GOM_NL__2PRFIN20100420_200844_000000432088_00415_42553_5447.N1	20-APR-2010 20:08:44	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42553	No
241	GOM_NL__2PRFIN20100420_201718_000000542088_00415_42553_5448.N1	20-APR-2010 20:17:18	Straylight	54.000	40	The Sco	1.8590	7100.0	108	42553	No
242	GOM_NL__2PRFIN20100420_202337_000000422088_00415_42553_5449.N1	20-APR-2010 20:23:37	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42553	No
243	GOM_NL__2PRFIN20100420_202512_000000442088_00415_42553_5450.N1	20-APR-2010 20:25:12	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42553	No
244	GOM_NL__2PRFIN20100420_202728_000000482088_00415_42553_5451.N1	20-APR-2010 20:27:28	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42553	No
245	GOM_NL__2PRFIN20100420_203200_000000442088_00415_42553_5452.N1	20-APR-2010 20:32:00	Tw_i_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42553	No
246	GOM_NL__2PRFIN20100420_203329_000000462088_00415_42553_5453.N1	20-APR-2010 20:33:29	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	42553	No
247	GOM_NL__2PRFIN20100420_203531_000000442088_00415_42553_5454.N1	20-APR-2010 20:35:31	Bright	43.500	15	67Alp Vir	0.97600	28000.	87	42553	No
248	GOM_NL__2PRFIN20100420_204209_000000382088_00415_42553_5455.N1	20-APR-2010 20:42:09	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42553	No
249	GOM_NL__2PRFIN20100420_204507_000000432088_00415_42553_5456.N1	20-APR-2010 20:45:07	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42553	No
250	GOM_NL__2PRFIN20100420_205007_000000382088_00415_42553_5457.N1	20-APR-2010 20:50:07	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42553	No
251	GOM_NL__2PRFIN20100420_205237_000000392088_00415_42553_5458.N1	20-APR-2010 20:52:37	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	42553	No
252	GOM_NL__2PRFIN20100420_205410_000000412088_00415_42553_5459.N1	20-APR-2010 20:54:10	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42553	No
253	GOM_NL__2PRFIN20100420_210127_000000402088_00415_42553_5460.N1	20-APR-2010 21:01:27	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42553	No
254	GOM_NL__2PRFIN20100420_211139_000000412088_00415_42553_5461.N1	20-APR-2010 21:11:39	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42553	No
255	GOM_NL__2PRFIN20100420_212159_000000362088_00415_42553_5462.N1	20-APR-2010 21:21:59	Bright	35.500	164	44Eta Peg	2.9480	5400.0	71	42553	No
256	GOM_NL__2PRFIN20100420_212928_000000552088_00415_42553_5463.N1	20-APR-2010 21:29:28	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	42553	No
257	GOM_NL__2PRFIN20100420_213155_000000442088_00415_42553_5464.N1	20-APR-2010 21:31:55	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42553	No
258	GOM_NL__2PRFIN20100420_213450_000000472088_00415_42553_5465.N1	20-APR-2010 21:34:50	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42553	No
259	GOM_NL__2PRFIN20100420_213707_000000462088_00415_42553_5466.N1	20-APR-2010 21:37:07	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	42553	No
260	GOM_NL__2PRFIN20100420_214216_000000412088_00415_42553_5467.N1	20-APR-2010 21:42:16	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42553	No
261	GOM_NL__2PRFIN20100420_214920_000000402088_00416_42554_5455.N1	20-APR-2010 21:49:20	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42554	No
262	GOM_NL__2PRFIN20100420_215755_000000652088_00416_42554_5456.N1	20-APR-2010 21:57:55	Straylight	64.500	40	The Sco	1.8590	7100.0	129	42554	No
263	GOM_NL__2PRFIN20100420_220413_000000432088_00416_42554_5457.N1	20-APR-2010 22:04:13	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42554	No
264	GOM_NL__2PRFIN20100420_220548_000000432088_00416_42554_5458.N1	20-APR-2010 22:05:48	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42554	No
265	GOM_NL__2PRFIN20100420_220804_000000452088_00416_42554_5459.N1	20-APR-2010 22:08:04	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42554	No
266	GOM_NL__2PRFIN20100420_221236_000000452088_00416_42554_5460.N1	20-APR-2010 22:12:36	Tw_i_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	42554	No
267	GOM_NL__2PRFIN20100420_221405_000000522088_00416_42554_5461.N1	20-APR-2010 22:14:05	Bright	52.000	122	9Alp2Lib	2.7470	9700.0	104	42554	No
268	GOM_NL__2PRFIN20100420_221606_000000442088_00416_42554_5462.N1	20-APR-2010 22:16:06	Bright	44.000	15	67Alp Vir	0.97600	28000.	88	42554	No
269	GOM_NL__2PRFIN20100420_222244_000000382088_00416_42554_5463.N1	20-APR-2010 22:22:44	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42554	No
270	GOM_NL__2PRFIN20100420_222543_000000442088_00416_42554_5464.N1	20-APR-2010 22:25:43	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42554	No
271	GOM_NL__2PRFIN20100420_223042_000000382088_00416_42554_5465.N1	20-APR-2010 22:30:42	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42554	No
272	GOM_NL__2PRFIN20100420_223312_000000452088_00416_42554_5466.N1	20-APR-2010 22:33:12	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42554	No
273	GOM_NL__2PRFIN20100420_223446_000000422088_00416_42554_5467.N1	20-APR-2010 22:34:46	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42554	No
274	GOM_NL__2PRFIN20100420_224203_000000372088_00416_42554_5468.N1	20-APR-2010 22:42:03	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42554	No
275	GOM_NL__2PRFIN20100420_225215_000000412088_00416_42554_5469.N1	20-APR-2010 22:52:15	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42554	No
276	GOM_NL__2PRFIN20100420_230235_000000392088_00416_42554_5470.N1	20-APR-2010 23:02:35	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	42554	No
277	GOM_NL__2PRFIN20100420_231004_000000542088_00416_42554_5471.N1	20-APR-2010 23:10:04	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	42554	No
278	GOM_NL__2PRFIN20100420_231232_000000462088_00416_42554_5472.N1	20-APR-2010 23:12:32	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42554	No

279	GOM_NL__2PRFIN20100420_231526_000000512088_00416_42554_5473.N1	20-APR-2010 23:15:26	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	42554	No
280	GOM_NL__2PRFIN20100420_231744_000000452088_00416_42554_5474.N1	20-APR-2010 23:17:44	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42554	No
281	GOM_NL__2PRFIN20100420_232956_000000412088_00417_42555_5463.N1	20-APR-2010 23:29:56	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42555	No
282	GOM_NL__2PRFIN20100420_233832_000000542088_00417_42555_5464.N1	20-APR-2010 23:38:32	Straylight	54.000	40	The Sco	1.8590	7100.0	108	42555	No
283	GOM_NL__2PRFIN20100420_234450_000000432088_00417_42555_5465.N1	20-APR-2010 23:44:50	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42555	No
284	GOM_NL__2PRFIN20100420_234624_000000432088_00417_42555_5466.N1	20-APR-2010 23:46:24	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42555	No
285	GOM_NL__2PRFIN20100420_234840_000000492088_00417_42555_5467.N1	20-APR-2010 23:48:40	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42555	No
286	GOM_NL__2PRFIN20100420_235312_000000412088_00417_42555_5468.N1	20-APR-2010 23:53:12	Twilight_stray	41.000	169	46Gam Hya	2.9910	4700.0	82	42555	No
287	GOM_NL__2PRFIN20100420_235440_000000522088_00417_42555_5469.N1	20-APR-2010 23:54:40	Bright	52.000	122	9Alp2Lib	2.7470	9700.0	104	42555	No
288	GOM_NL__2PRFIN20100420_235642_000000442088_00417_42555_5470.N1	20-APR-2010 23:56:42	Bright	43.500	15	67Alp Vir	0.97600	28000.	87	42555	No

3. Quality information per product

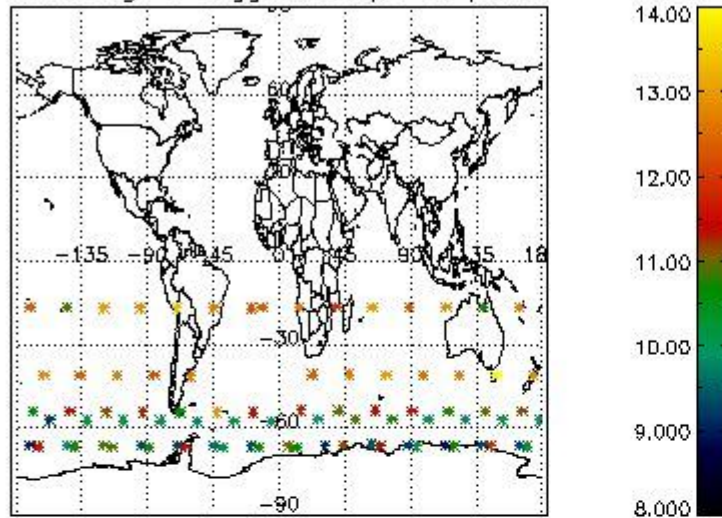
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

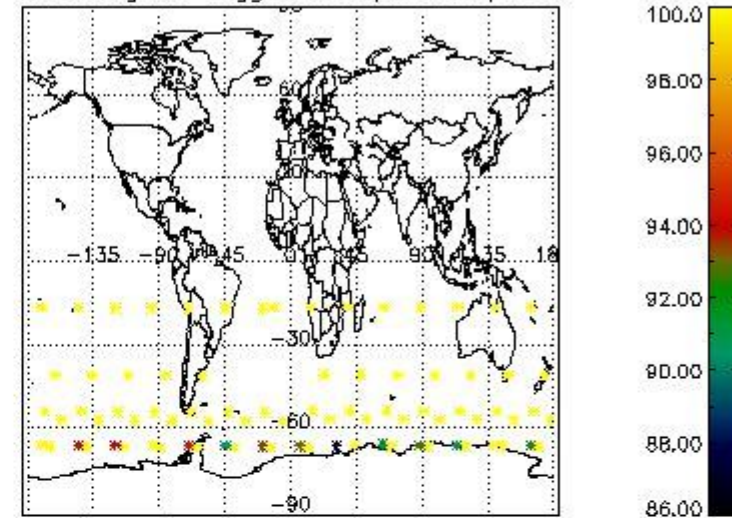


3.2 Plot quality information per product (world map)

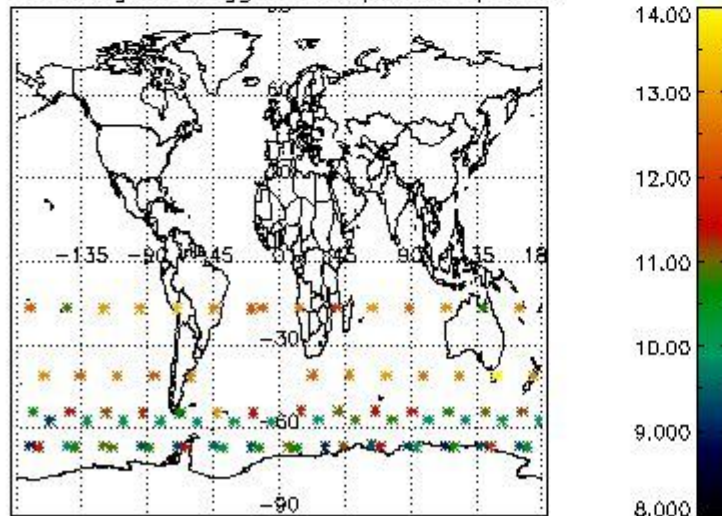
Percentage of flagged data per O3 profile



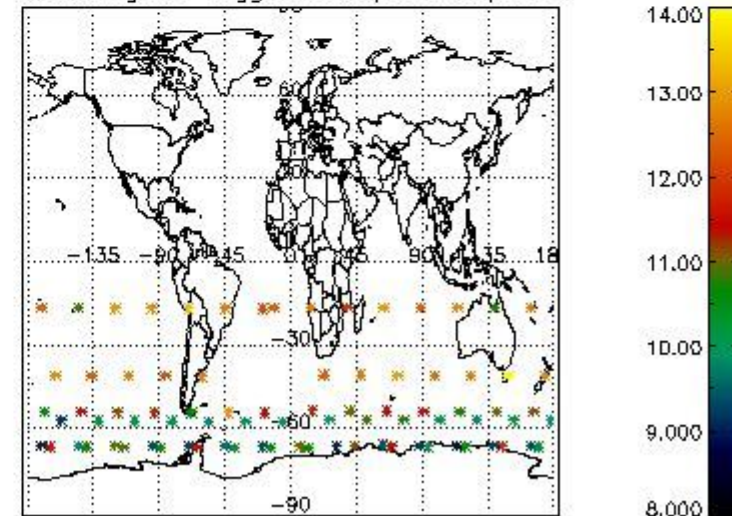
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

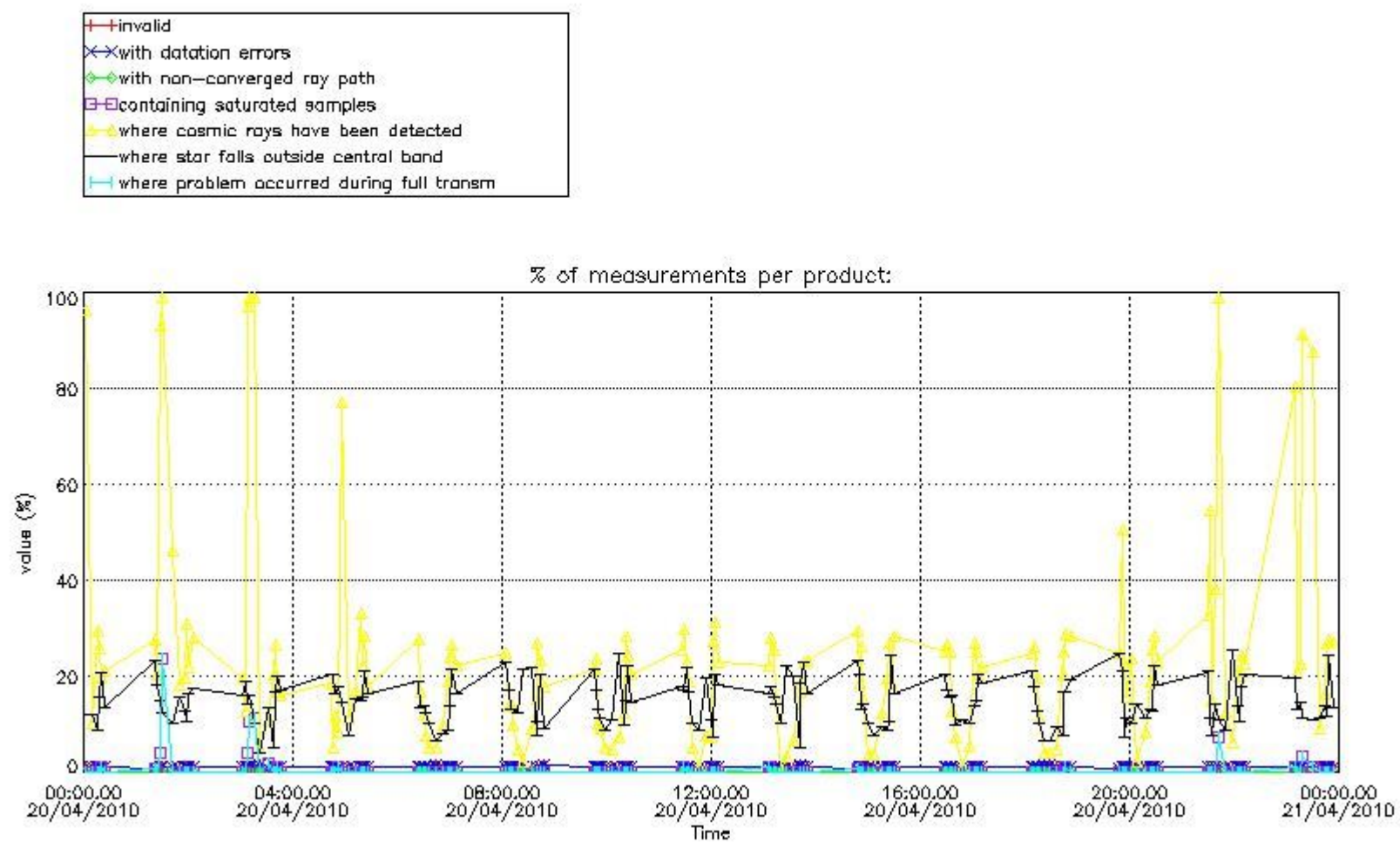


4. Level 1 quality information per product

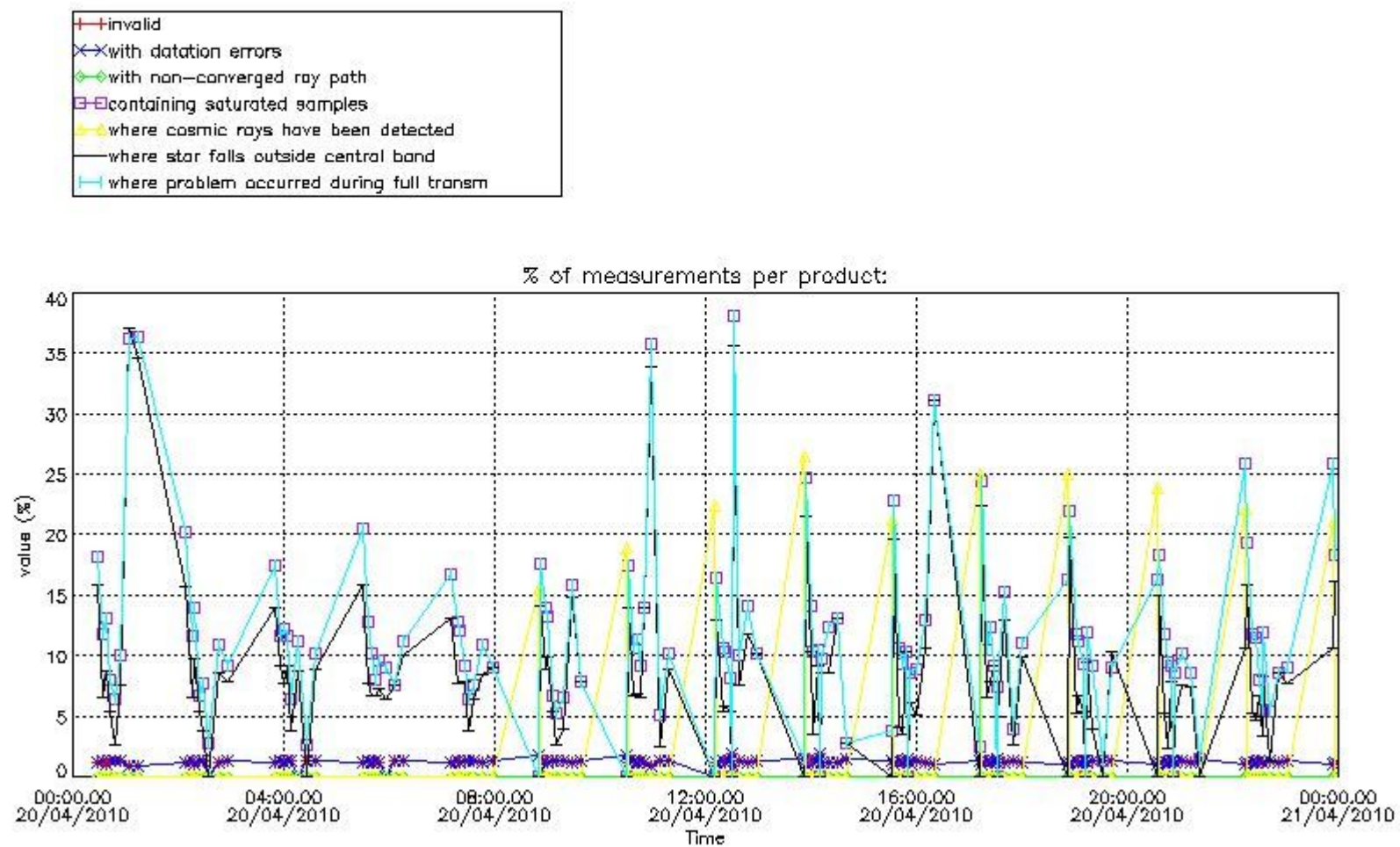
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

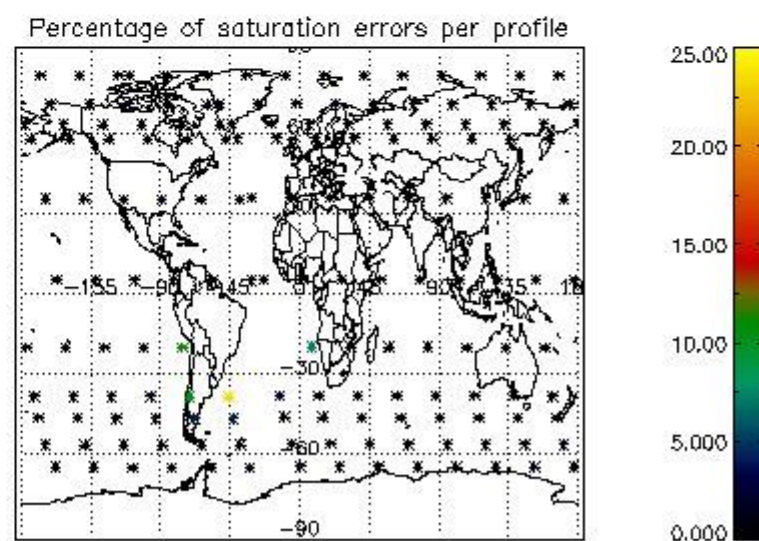
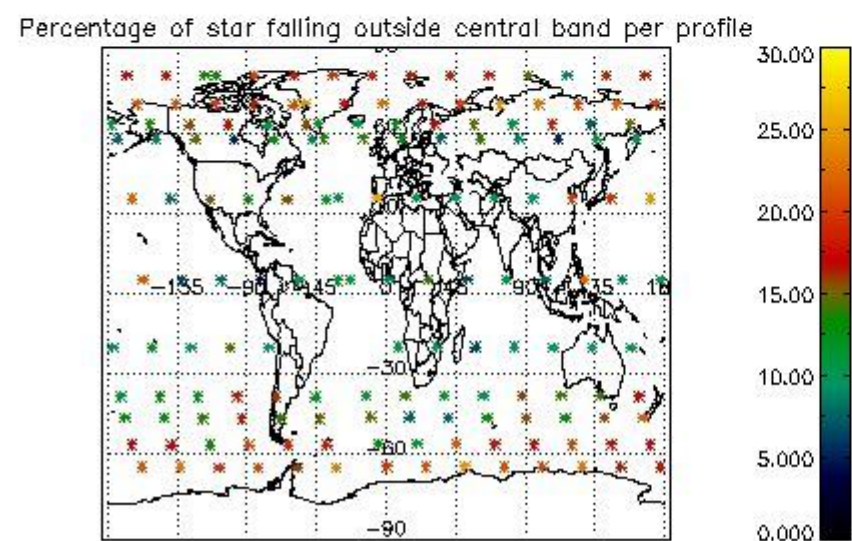
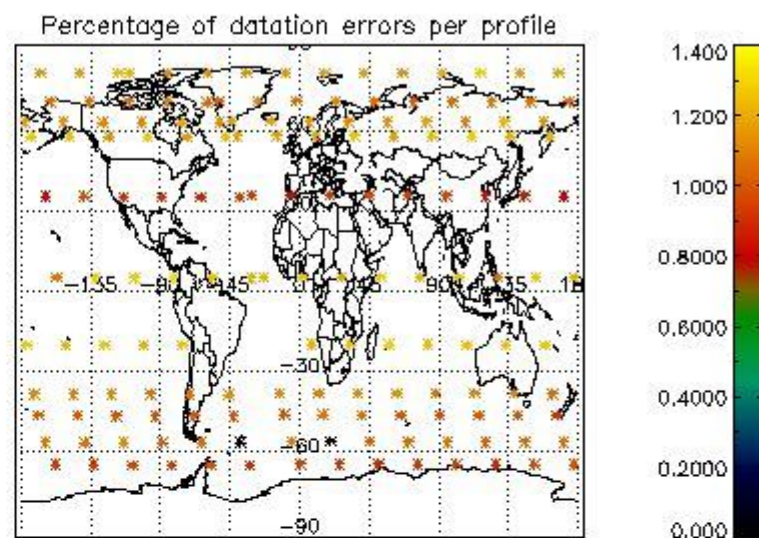
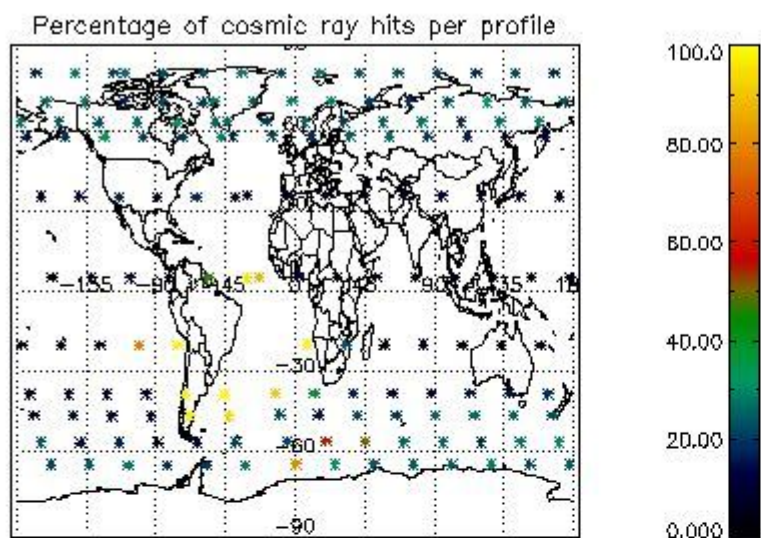


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

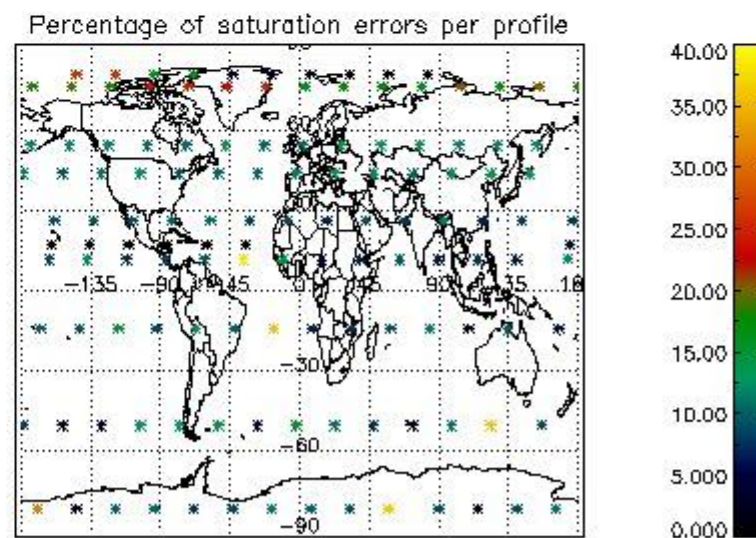
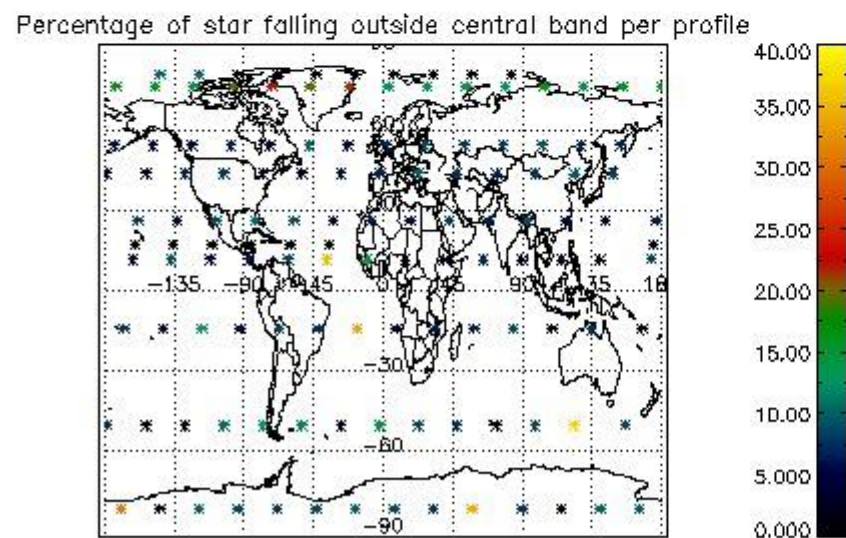
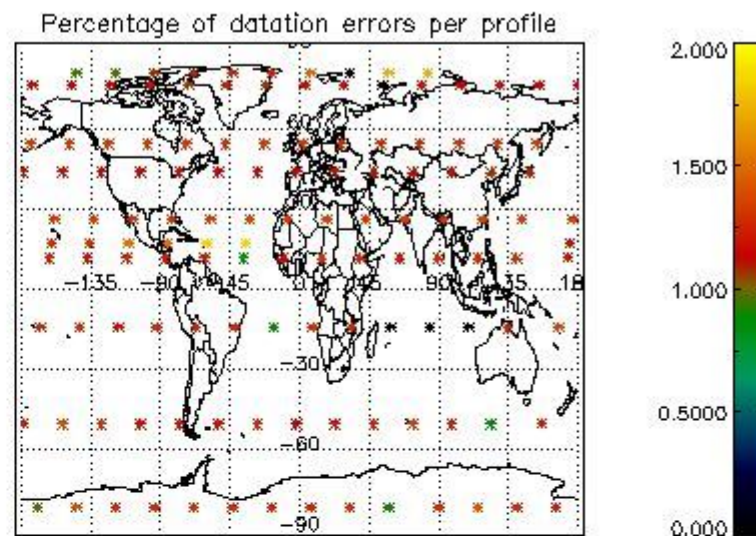
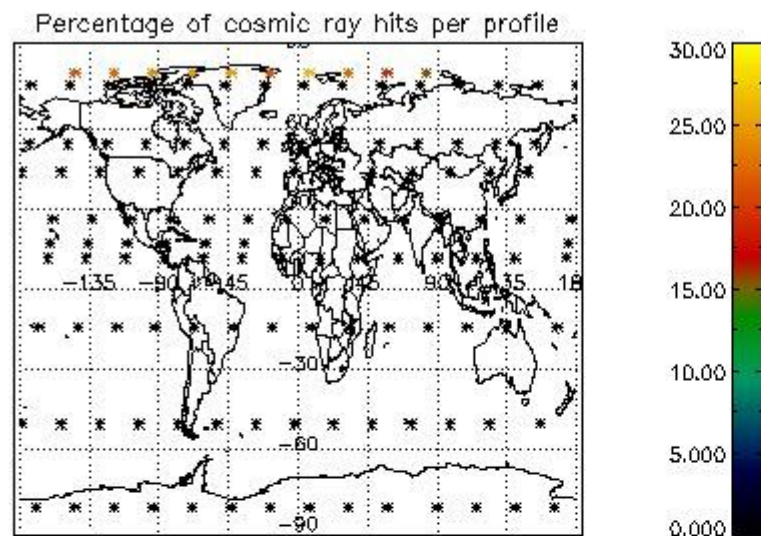


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

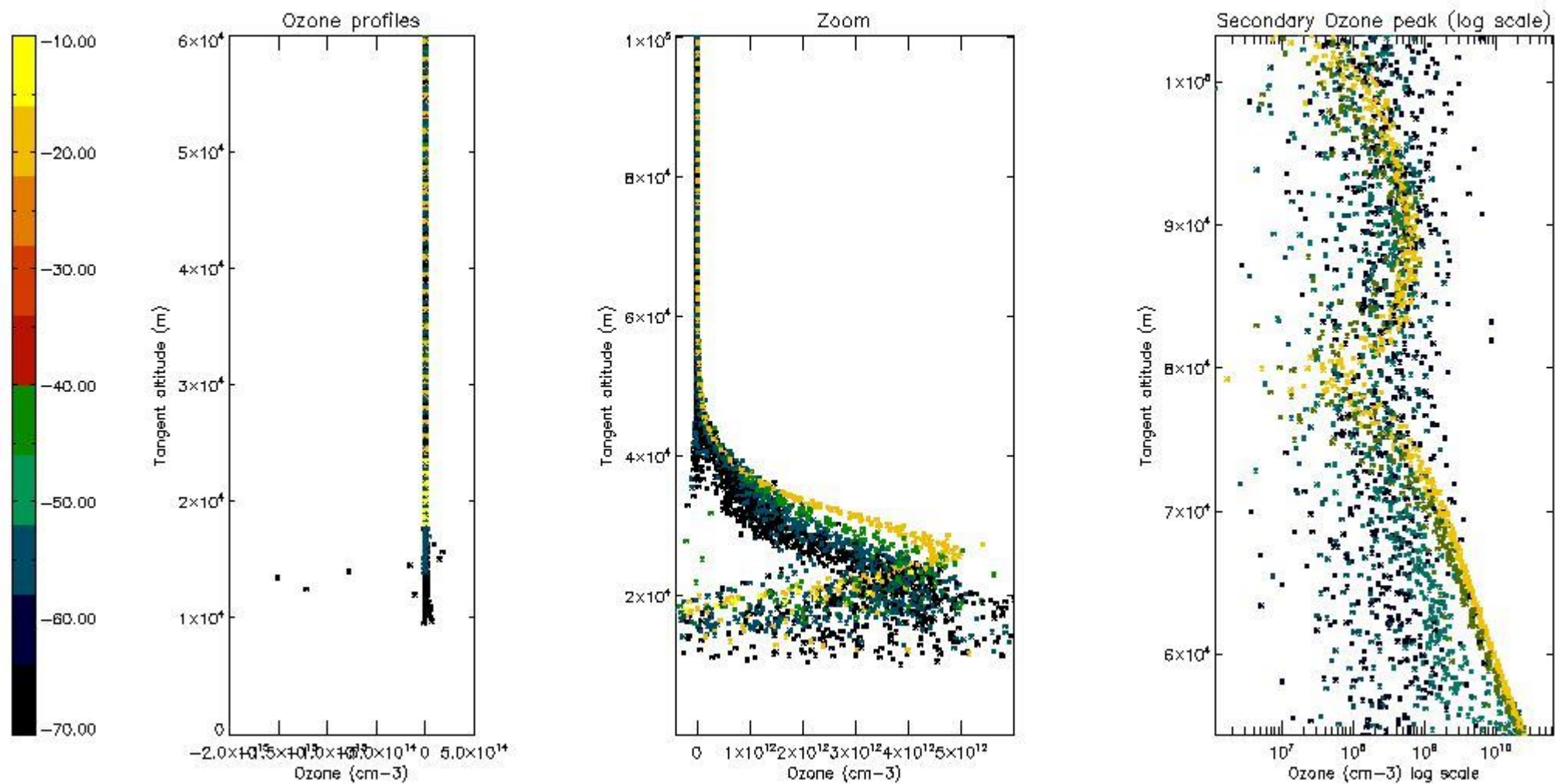
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	11

STD < 10	6
STD < 5	3

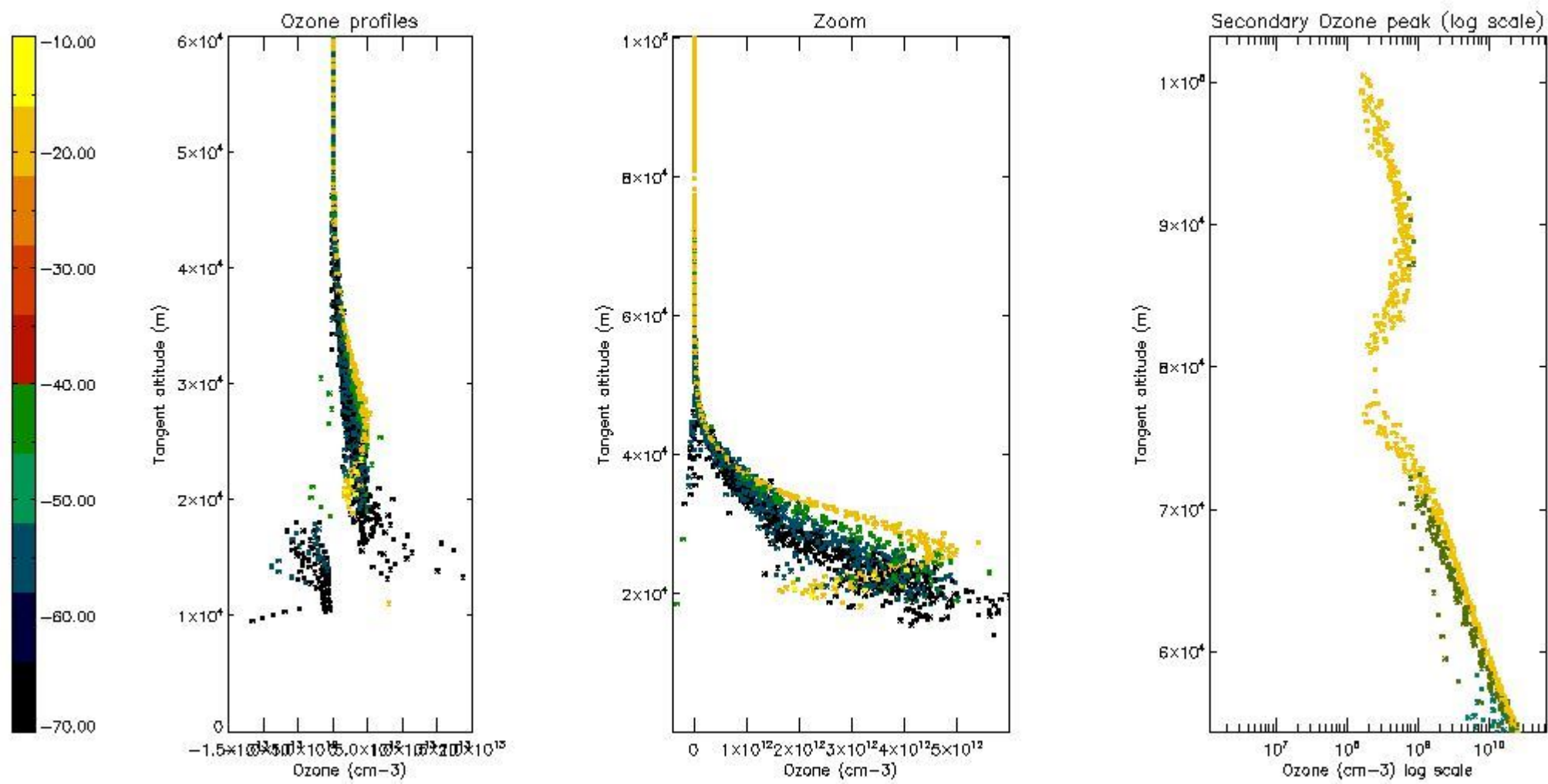
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



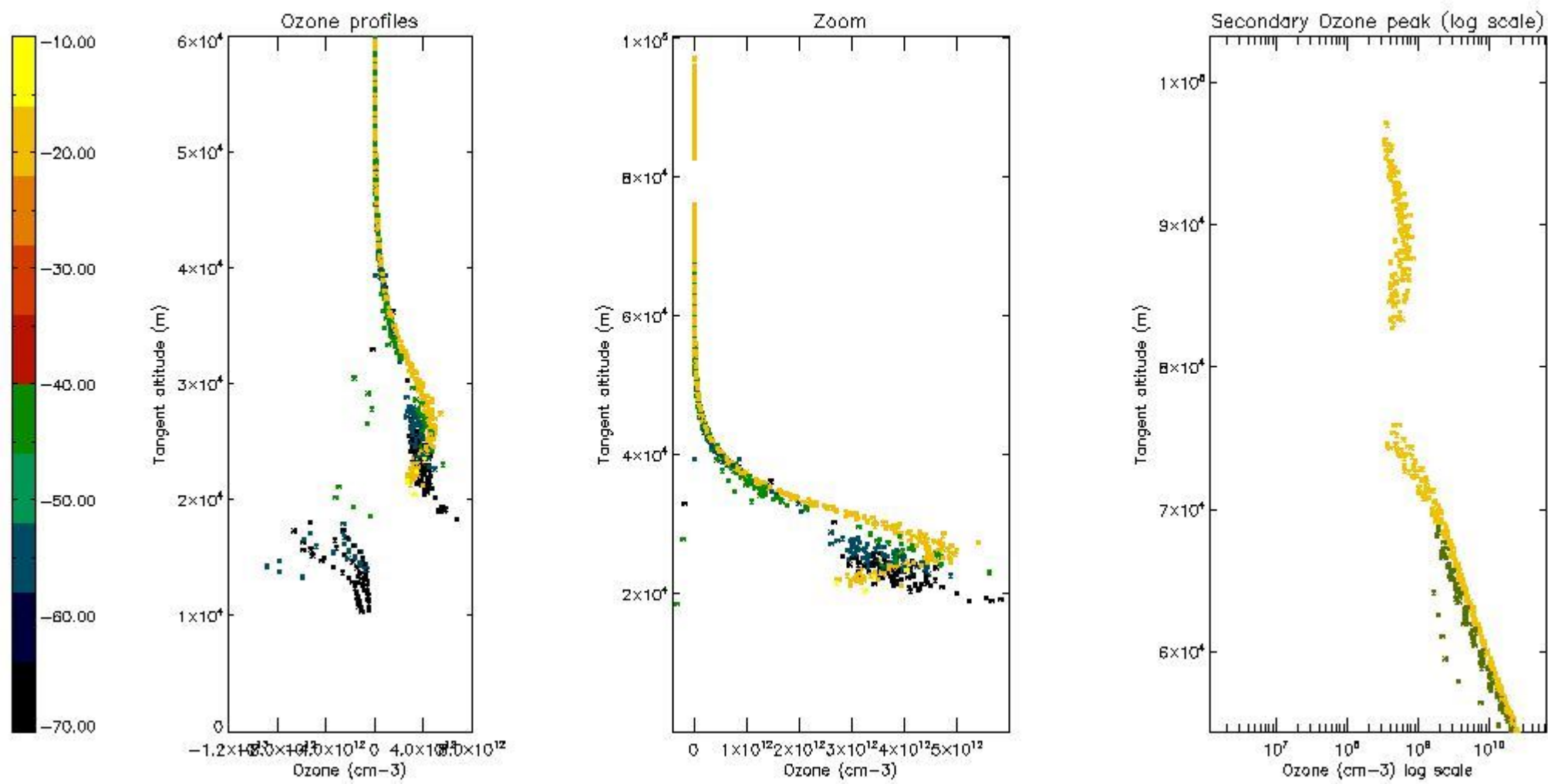
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



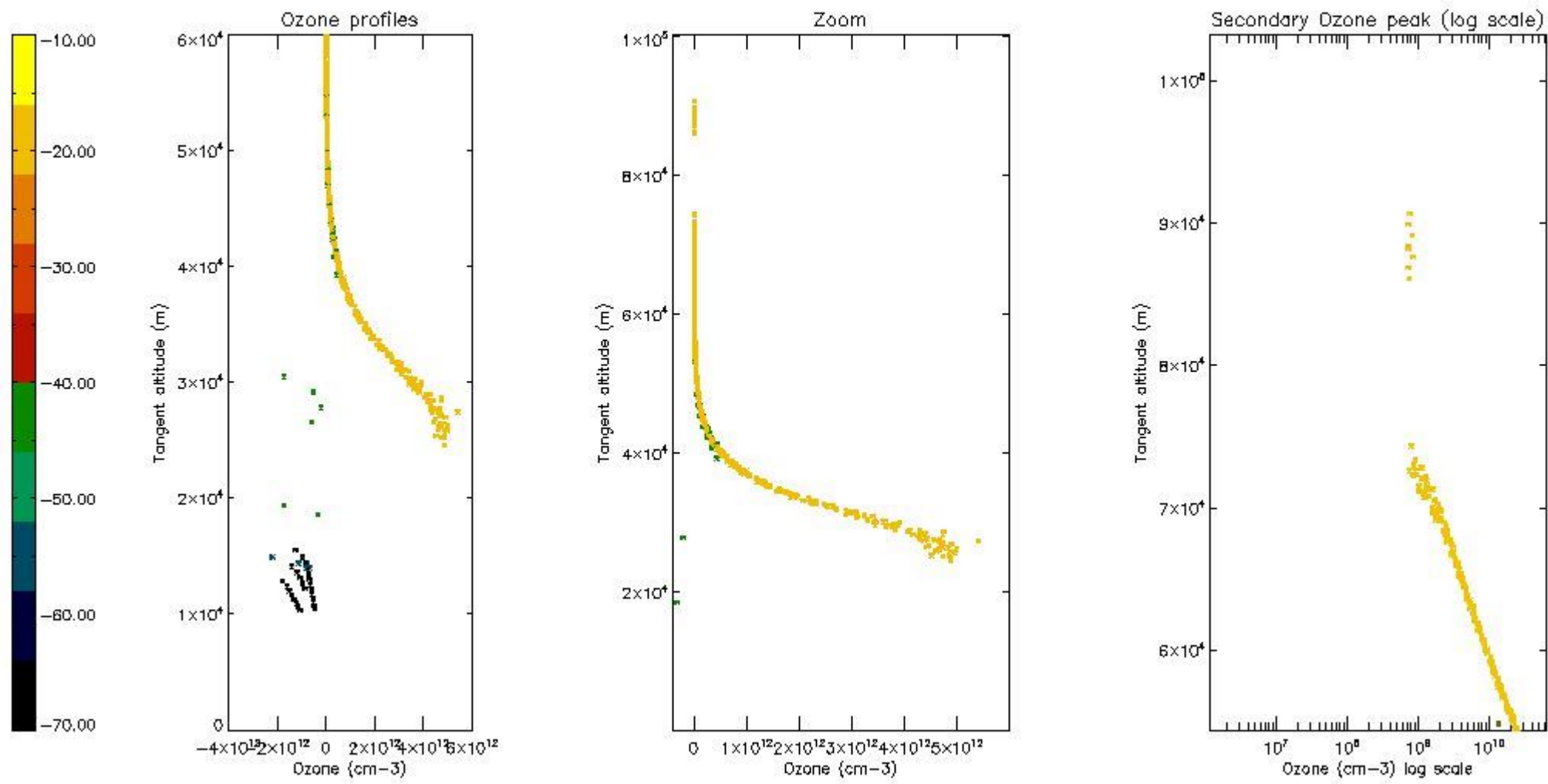
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



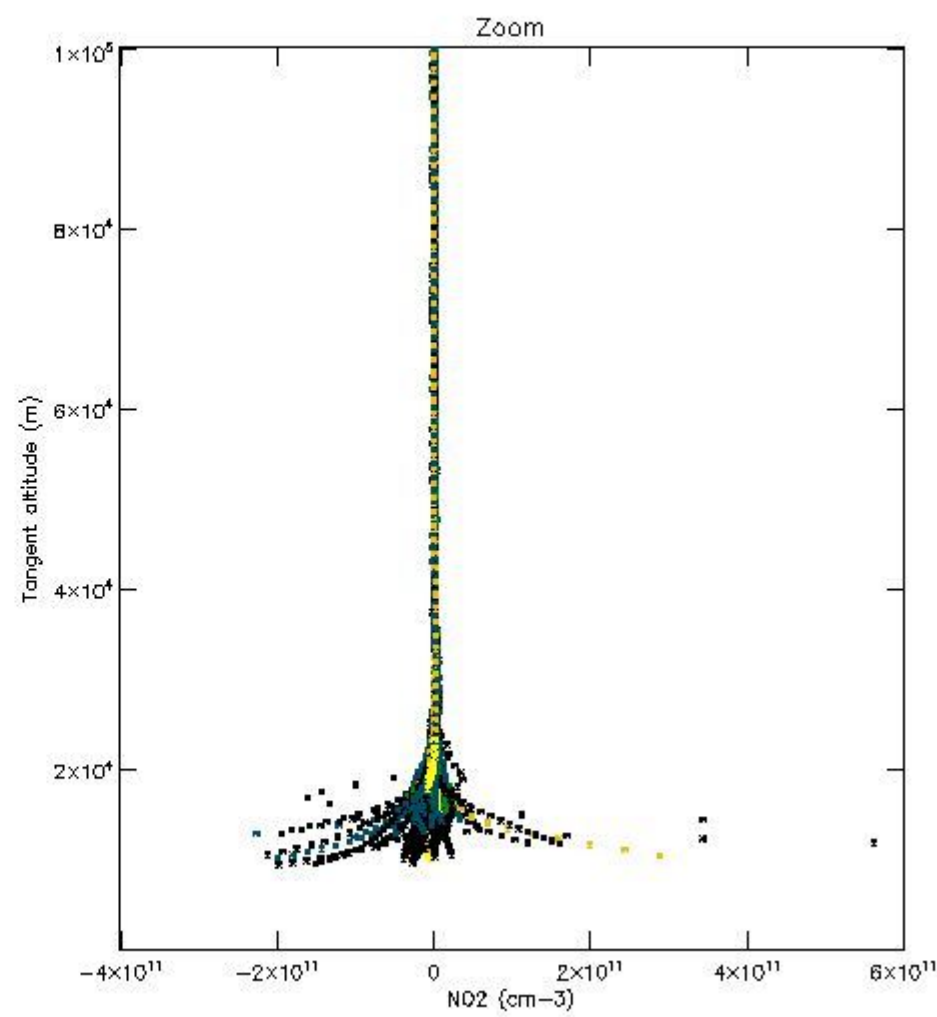
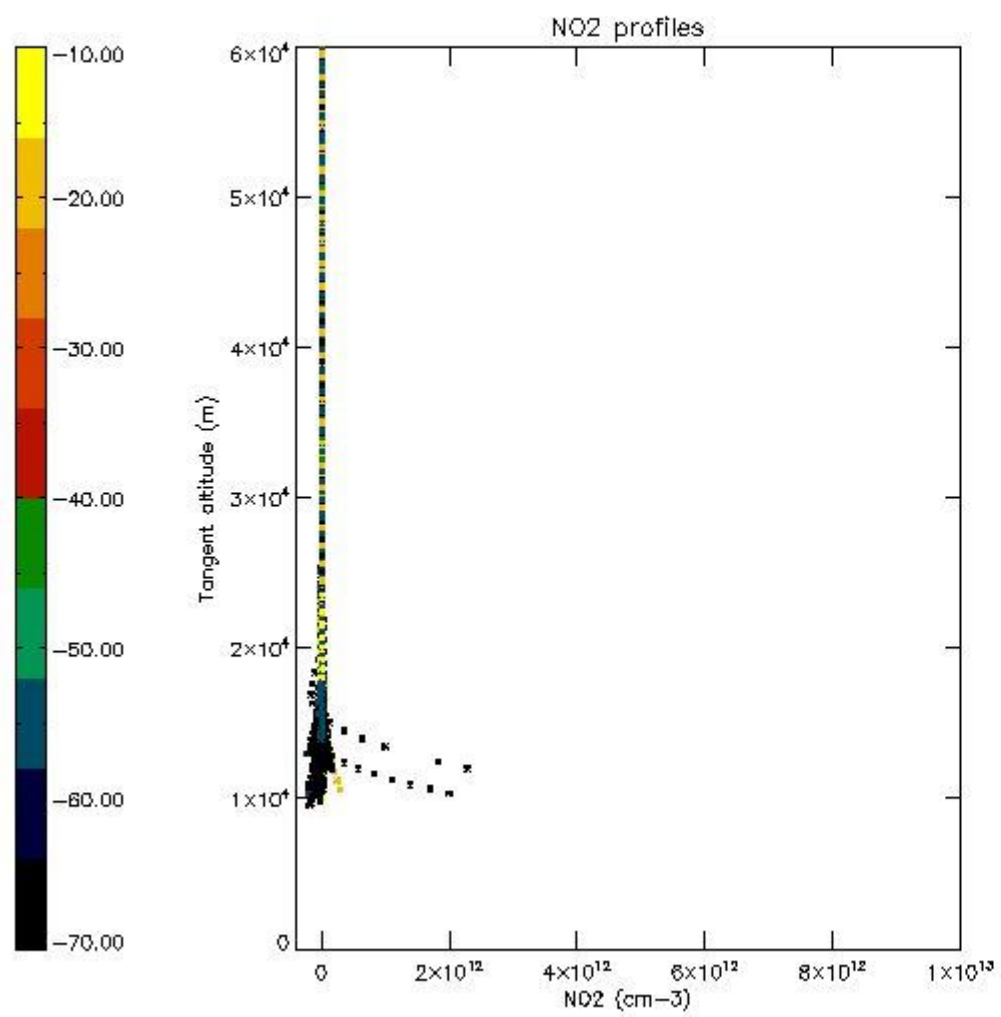
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



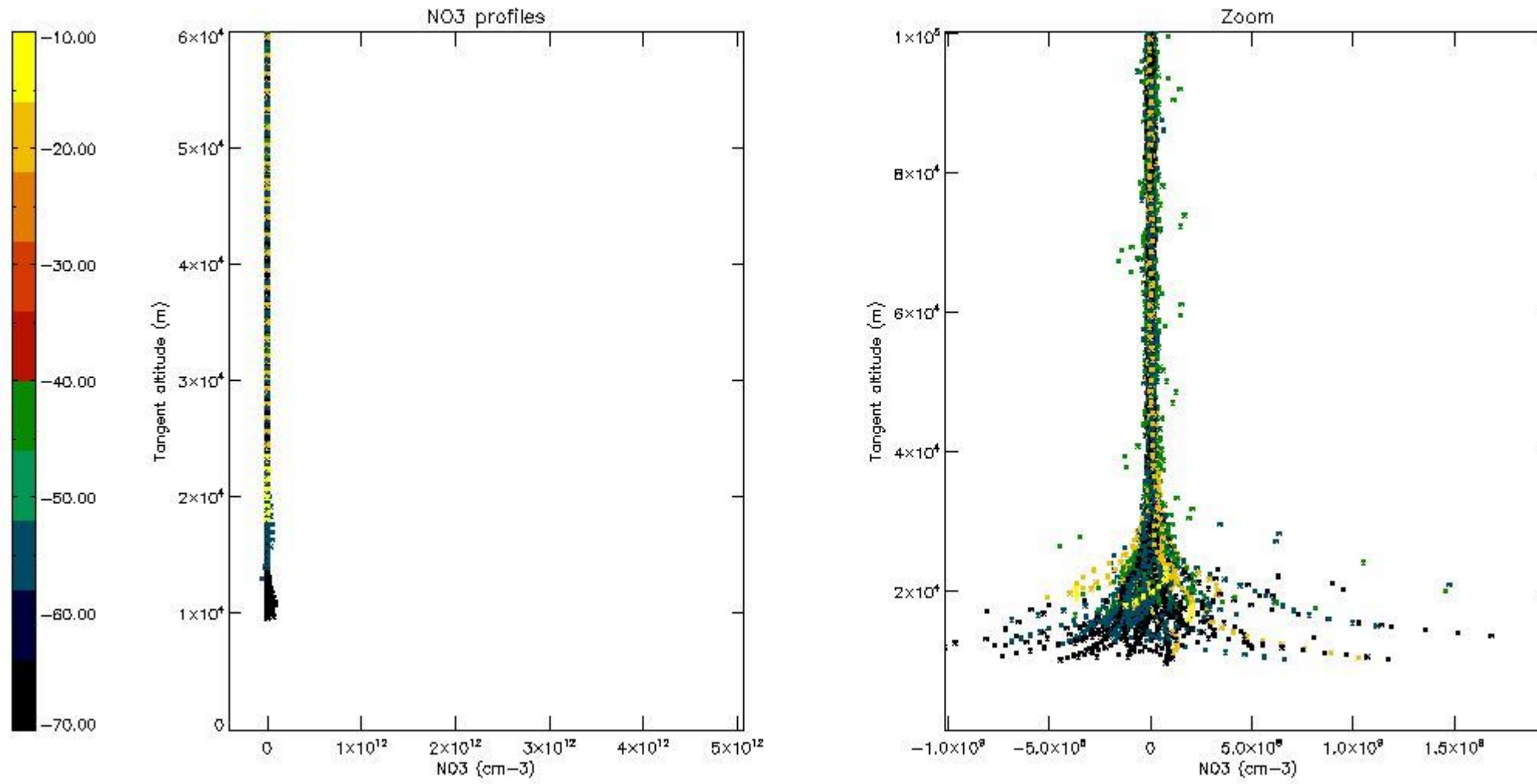
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	20-APR-2010 00:01:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-APR-2010 00:01:25
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-APR-2010 00:01:25

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 09:53:16
Data source version	GOMOS/6.01
Start time of products	20-04-2010 (20APR2010 00:00:00)
Stop time of products	21-04-2010 (21APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	288
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__2PRFIN20100420_000125_000000422088_00403_42541_5328.N1	20-APR-2010 00:01:25	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42541	No
2	GOM_NL__2PRFIN20100420_000955_000000542088_00403_42541_5329.N1	20-APR-2010 00:09:55	Straylight	54.000	40	The Sco	1.8590	7100.0	108	42541	No
3	GOM_NL__2PRFIN20100420_001621_000000412088_00403_42541_5330.N1	20-APR-2010 00:16:21	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42541	No
4	GOM_NL__2PRFIN20100420_001756_000000452088_00403_42541_5331.N1	20-APR-2010 00:17:56	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42541	No
5	GOM_NL__2PRFIN20100420_002013_000000482088_00403_42541_5332.N1	20-APR-2010 00:20:13	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42541	No
6	GOM_NL__2PRFIN20100420_002447_000000412088_00403_42541_5333.N1	20-APR-2010 00:24:47	Twilight_stray	40.500	169	46Gam Hya	2.9910	4700.0	81	42541	No
7	GOM_NL__2PRFIN20100420_002818_000000442088_00403_42541_5334.N1	20-APR-2010 00:28:18	Bright	44.000	15	67Alp Vir	0.97600	28000.	88	42541	No
8	GOM_NL__2PRFIN20100420_003458_000000382088_00403_42541_5335.N1	20-APR-2010 00:34:58	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42541	No
9	GOM_NL__2PRFIN20100420_003800_000000462088_00403_42541_5336.N1	20-APR-2010 00:38:00	Bright	46.000	111	8Eta Boo	2.6800	6000.0	92	42541	No
10	GOM_NL__2PRFIN20100420_004258_000000382088_00403_42541_5337.N1	20-APR-2010 00:42:58	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42541	No
11	GOM_NL__2PRFIN20100420_004704_000000392088_00403_42541_5338.N1	20-APR-2010 00:47:04	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42541	No
12	GOM_NL__2PRFIN20100420_005419_000000402088_00403_42541_5339.N1	20-APR-2010 00:54:19	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42541	No
13	GOM_NL__2PRFIN20100420_010430_000000582088_00403_42541_5340.N1	20-APR-2010 01:04:30	Bright	58.000	89	5Alp Cep	2.4510	8000.0	116	42541	No
14	GOM_NL__2PRFIN20100420_011446_000000552088_00403_42541_5341.N1	20-APR-2010 01:14:46	Bright	55.000	164	44Eta Peg	2.9480	5400.0	110	42541	No
15	GOM_NL__2PRFIN20100420_012210_000000562088_00403_42541_5342.N1	20-APR-2010 01:22:10	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42541	No
16	GOM_NL__2PRFIN20100420_012438_000000472088_00403_42541_5343.N1	20-APR-2010 01:24:38	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42541	No
17	GOM_NL__2PRFIN20100420_012729_000000512088_00403_42541_5344.N1	20-APR-2010 01:27:29	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42541	No
18	GOM_NL__2PRFIN20100420_012948_000000452088_00403_42541_5345.N1	20-APR-2010 01:29:48	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42541	No
19	GOM_NL__2PRFIN20100420_014202_000000402088_00404_42542_5336.N1	20-APR-2010 01:42:02	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42542	No
20	GOM_NL__2PRFIN20100420_015031_000000582088_00404_42542_5337.N1	20-APR-2010 01:50:31	Straylight	57.500	40	The Sco	1.8590	7100.0	115	42542	No
21	GOM_NL__2PRFIN20100420_015657_000000432088_00404_42542_5338.N1	20-APR-2010 01:56:57	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42542	No
22	GOM_NL__2PRFIN20100420_015832_000000422088_00404_42542_5339.N1	20-APR-2010 01:58:32	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42542	No
23	GOM_NL__2PRFIN20100420_020049_000000462088_00404_42542_5340.N1	20-APR-2010 02:00:49	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42542	No
24	GOM_NL__2PRFIN20100420_020523_000000432088_00404_42542_5341.N1	20-APR-2010 02:05:23	Twilight_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42542	No
25	GOM_NL__2PRFIN20100420_020854_000000452088_00404_42542_5342.N1	20-APR-2010 02:08:54	Bright	44.500	15	67Alp Vir	0.97600	28000.	89	42542	No
26	GOM_NL__2PRFIN20100420_021534_000000392088_00404_42542_5343.N1	20-APR-2010 02:15:34	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	42542	No
27	GOM_NL__2PRFIN20100420_021836_000000472088_00404_42542_5344.N1	20-APR-2010 02:18:36	Bright	46.500	111	8Eta Boo	2.6800	6000.0	93	42542	No
28	GOM_NL__2PRFIN20100420_022334_000000372088_00404_42542_5345.N1	20-APR-2010 02:23:34	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42542	No
29	GOM_NL__2PRFIN20100420_022740_000000392088_00404_42542_5346.N1	20-APR-2010 02:27:40	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42542	No
30	GOM_NL__2PRFIN20100420_023454_000000372088_00404_42542_5347.N1	20-APR-2010 02:34:54	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42542	No
31	GOM_NL__2PRFIN20100420_024506_000000412088_00404_42542_5348.N1	20-APR-2010 02:45:06	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42542	No
32	GOM_NL__2PRFIN20100420_025522_000000392088_00404_42542_5349.N1	20-APR-2010 02:55:22	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42542	No
33	GOM_NL__2PRFIN20100420_030247_000000512088_00404_42542_5350.N1	20-APR-2010 03:02:47	Dark	50.500	61	8Eps Peg	2.1000	3900.0	101	42542	No
34	GOM_NL__2PRFIN20100420_030515_000000482088_00404_42542_5351.N1	20-APR-2010 03:05:15	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	42542	No
35	GOM_NL__2PRFIN20100420_030806_000000502088_00404_42542_5352.N1	20-APR-2010 03:08:06	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42542	No
36	GOM_NL__2PRFIN20100420_031025_000000472088_00404_42542_5353.N1	20-APR-2010 03:10:25	Dark	47.000	142	49Del Cap	2.8500	8900.0	94	42542	No
37	GOM_NL__2PRFIN20100420_031534_000000402088_00404_42542_5354.N1	20-APR-2010 03:15:34	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42542	No
38	GOM_NL__2PRFIN20100420_032239_000000382088_00405_42543_5344.N1	20-APR-2010 03:22:39	Dark	38.000	45	Alp Pav	1.9400	26000.	76	42543	No
39	GOM_NL__2PRFIN20100420_033108_000000562088_00405_42543_5345.N1	20-APR-2010 03:31:08	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42543	No
40	GOM_NL__2PRFIN20100420_033734_000000402088_00405_42543_5346.N1	20-APR-2010 03:37:34	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	42543	No
41	GOM_NL__2PRFIN20100420_033908_000000452088_00405_42543_5347.N1	20-APR-2010 03:39:08	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42543	No
42	GOM_NL__2PRFIN20100420_034125_000000482088_00405_42543_5348.N1	20-APR-2010 03:41:25	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42543	No

43	GOM_NL__2PRFIN20100420_034559_000000442088_00405_42543_5349.N1	20-APR-2010 03:45:59	Twl_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42543	No
44	GOM_NL__2PRFIN20100420_034930_000000432088_00405_42543_5350.N1	20-APR-2010 03:49:30	Bright	43.000	15	67Alp Vir	0.97600	28000.	86	42543	No
45	GOM_NL__2PRFIN20100420_035610_000000392088_00405_42543_5351.N1	20-APR-2010 03:56:10	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	42543	No
46	GOM_NL__2PRFIN20100420_035912_000000452088_00405_42543_5352.N1	20-APR-2010 03:59:12	Bright	45.000	111	8Eta Boo	2.6800	6000.0	90	42543	No
47	GOM_NL__2PRFIN20100420_040409_000000392088_00405_42543_5353.N1	20-APR-2010 04:04:09	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42543	No
48	GOM_NL__2PRFIN20100420_040815_000000402088_00405_42543_5354.N1	20-APR-2010 04:08:15	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42543	No
49	GOM_NL__2PRFIN20100420_041530_000000402088_00405_42543_5355.N1	20-APR-2010 04:15:30	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42543	No
50	GOM_NL__2PRFIN20100420_042542_000000382088_00405_42543_5356.N1	20-APR-2010 04:25:42	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	42543	No
51	GOM_NL__2PRFIN20100420_043558_000000402088_00405_42543_5357.N1	20-APR-2010 04:35:58	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42543	No
52	GOM_NL__2PRFIN20100420_044323_000000542088_00405_42543_5358.N1	20-APR-2010 04:43:23	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42543	No
53	GOM_NL__2PRFIN20100420_044551_000000492088_00405_42543_5359.N1	20-APR-2010 04:45:51	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42543	No
54	GOM_NL__2PRFIN20100420_044843_000000522088_00405_42543_5360.N1	20-APR-2010 04:48:43	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	42543	No
55	GOM_NL__2PRFIN20100420_045101_000000482088_00405_42543_5361.N1	20-APR-2010 04:51:01	Dark	47.500	142	49Del Cap	2.8500	8900.0	95	42543	No
56	GOM_NL__2PRFIN20100420_045611_000000422088_00405_42543_5362.N1	20-APR-2010 04:56:11	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42543	No
57	GOM_NL__2PRFIN20100420_050315_000000402088_00406_42544_5352.N1	20-APR-2010 05:03:15	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42544	No
58	GOM_NL__2PRFIN20100420_051146_000000562088_00406_42544_5353.N1	20-APR-2010 05:11:46	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42544	No
59	GOM_NL__2PRFIN20100420_051810_000000442088_00406_42544_5354.N1	20-APR-2010 05:18:10	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42544	No
60	GOM_NL__2PRFIN20100420_051945_000000452088_00406_42544_5355.N1	20-APR-2010 05:19:45	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42544	No
61	GOM_NL__2PRFIN20100420_052202_000000482088_00406_42544_5356.N1	20-APR-2010 05:22:02	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42544	No
62	GOM_NL__2PRFIN20100420_052635_000000432088_00406_42544_5357.N1	20-APR-2010 05:26:35	Twl_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42544	No
63	GOM_NL__2PRFIN20100420_053007_000000442088_00406_42544_5358.N1	20-APR-2010 05:30:07	Bright	44.000	15	67Alp Vir	0.97600	28000.	88	42544	No
64	GOM_NL__2PRFIN20100420_053646_000000392088_00406_42544_5359.N1	20-APR-2010 05:36:46	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	42544	No
65	GOM_NL__2PRFIN20100420_053947_000000452088_00406_42544_5360.N1	20-APR-2010 05:39:47	Bright	44.500	111	8Eta Boo	2.6800	6000.0	89	42544	No
66	GOM_NL__2PRFIN20100420_054445_000000382088_00406_42544_5361.N1	20-APR-2010 05:44:45	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42544	No
67	GOM_NL__2PRFIN20100420_054851_000000422088_00406_42544_5362.N1	20-APR-2010 05:48:51	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42544	No
68	GOM_NL__2PRFIN20100420_055606_000000392088_00406_42544_5363.N1	20-APR-2010 05:56:06	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42544	No
69	GOM_NL__2PRFIN20100420_060618_000000402088_00406_42544_5364.N1	20-APR-2010 06:06:18	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42544	No
70	GOM_NL__2PRFIN20100420_061634_000000402088_00406_42544_5365.N1	20-APR-2010 06:16:34	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42544	No
71	GOM_NL__2PRFIN20100420_062400_000000532088_00406_42544_5366.N1	20-APR-2010 06:24:00	Dark	52.500	61	8Eps Peg	2.1000	3900.0	105	42544	No
72	GOM_NL__2PRFIN20100420_062628_000000452088_00406_42544_5367.N1	20-APR-2010 06:26:28	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	42544	No
73	GOM_NL__2PRFIN20100420_062920_000000512088_00406_42544_5368.N1	20-APR-2010 06:29:20	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42544	No
74	GOM_NL__2PRFIN20100420_063138_000000452088_00406_42544_5369.N1	20-APR-2010 06:31:38	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42544	No
75	GOM_NL__2PRFIN20100420_063648_000000402088_00406_42544_5370.N1	20-APR-2010 06:36:48	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42544	No
76	GOM_NL__2PRFIN20100420_064352_000000392088_00407_42545_5360.N1	20-APR-2010 06:43:52	Dark	39.000	45	Alp Pav	1.9400	26000.	78	42545	No
77	GOM_NL__2PRFIN20100420_065223_000000512088_00407_42545_5361.N1	20-APR-2010 06:52:23	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42545	No
78	GOM_NL__2PRFIN20100420_065847_000000402088_00407_42545_5362.N1	20-APR-2010 06:58:47	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42545	No
79	GOM_NL__2PRFIN20100420_070021_000000442088_00407_42545_5363.N1	20-APR-2010 07:00:21	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42545	No
80	GOM_NL__2PRFIN20100420_070238_000000472088_00407_42545_5364.N1	20-APR-2010 07:02:38	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42545	No
81	GOM_NL__2PRFIN20100420_070711_000000432088_00407_42545_5365.N1	20-APR-2010 07:07:11	Twl_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42545	No
82	GOM_NL__2PRFIN20100420_071043_000000422088_00407_42545_5366.N1	20-APR-2010 07:10:43	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42545	No
83	GOM_NL__2PRFIN20100420_071722_000000392088_00407_42545_5367.N1	20-APR-2010 07:17:22	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	42545	No
84	GOM_NL__2PRFIN20100420_072023_000000462088_00407_42545_5368.N1	20-APR-2010 07:20:23	Bright	45.500	111	8Eta Boo	2.6800	6000.0	91	42545	No
85	GOM_NL__2PRFIN20100420_072521_000000382088_00407_42545_5369.N1	20-APR-2010 07:25:21	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42545	No
86	GOM_NL__2PRFIN20100420_072926_000000402088_00407_42545_5370.N1	20-APR-2010 07:29:26	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42545	No
87	GOM_NL__2PRFIN20100420_073641_000000402088_00407_42545_5371.N1	20-APR-2010 07:36:41	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42545	No
88	GOM_NL__2PRFIN20100420_074653_000000422088_00407_42545_5372.N1	20-APR-2010 07:46:53	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42545	No
89	GOM_NL__2PRFIN20100420_075710_000000392088_00407_42545_5373.N1	20-APR-2010 07:57:10	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	42545	No
90	GOM_NL__2PRFIN20100420_080436_000000552088_00407_42545_5374.N1	20-APR-2010 08:04:36	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	42545	No
91	GOM_NL__2PRFIN20100420_080704_000000472088_00407_42545_5375.N1	20-APR-2010 08:07:04	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42545	No
92	GOM_NL__2PRFIN20100420_080956_000000502088_00407_42545_5376.N1	20-APR-2010 08:09:56	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42545	No
93	GOM_NL__2PRFIN20100420_081215_000000462088_00407_42545_5377.N1	20-APR-2010 08:12:15	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	42545	No
94	GOM_NL__2PRFIN20100420_081724_000000412088_00407_42545_5378.N1	20-APR-2010 08:17:24	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42545	No
95	GOM_NL__2PRFIN20100420_082428_000000472088_00408_42546_5368.N1	20-APR-2010 08:24:28	Dark	46.500	45	Alp Pav	1.9400	26000.	93	42546	No
96	GOM_NL__2PRFIN20100420_083300_000000622088_00408_42546_5369.N1	20-APR-2010 08:33:00	Straylight	61.500	40	The Sco	1.8590	7100.0	123	42546	No
97	GOM_NL__2PRFIN20100420_083923_000000402088_00408_42546_5370.N1	20-APR-2010 08:39:23	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	42546	No
98	GOM_NL__2PRFIN20100420_084057_000000432088_00408_42546_5371.N1	20-APR-2010 08:40:57	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42546	No
99	GOM_NL__2PRFIN20100420_084314_000000472088_00408_42546_5372.N1	20-APR-2010 08:43:14	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42546	No
100	GOM_NL__2PRFIN20100420_084748_000000392088_00408_42546_5373.N1	20-APR-2010 08:47:48	Twl_and_stray	39.000	169	46Gam Hya	2.9910	4700.0	78	42546	No
101	GOM_NL__2PRFIN20100420_084917_000000292088_00408_42546_5374.N1	20-APR-2010 08:49:17	Twl_and_stray	29.000	122	9Alp2Lib	2.7470	9700.0	58	42546	No

102	GOM_NL__2PRFIN20100420_085119_000000432088_00408_42546_5375.N1	20-APR-2010 08:51:19	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42546	No
103	GOM_NL__2PRFIN20100420_085757_000000402088_00408_42546_5376.N1	20-APR-2010 08:57:57	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	42546	No
104	GOM_NL__2PRFIN20100420_090058_000000462088_00408_42546_5377.N1	20-APR-2010 09:00:58	Bright	45.500	111	8Eta Boo	2.6800	6000.0	91	42546	No
105	GOM_NL__2PRFIN20100420_090557_000000372088_00408_42546_5378.N1	20-APR-2010 09:05:57	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42546	No
106	GOM_NL__2PRFIN20100420_091002_000000392088_00408_42546_5379.N1	20-APR-2010 09:10:02	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42546	No
107	GOM_NL__2PRFIN20100420_091717_000000392088_00408_42546_5380.N1	20-APR-2010 09:17:17	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42546	No
108	GOM_NL__2PRFIN20100420_092729_000000442088_00408_42546_5381.N1	20-APR-2010 09:27:29	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	42546	No
109	GOM_NL__2PRFIN20100420_093746_000000392088_00408_42546_5382.N1	20-APR-2010 09:37:46	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42546	No
110	GOM_NL__2PRFIN20100420_094513_000000542088_00408_42546_5383.N1	20-APR-2010 09:45:13	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42546	No
111	GOM_NL__2PRFIN20100420_094741_000000472088_00408_42546_5384.N1	20-APR-2010 09:47:41	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42546	No
112	GOM_NL__2PRFIN20100420_095033_000000502088_00408_42546_5385.N1	20-APR-2010 09:50:33	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	42546	No
113	GOM_NL__2PRFIN20100420_095251_000000452088_00408_42546_5386.N1	20-APR-2010 09:52:51	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42546	No
114	GOM_NL__2PRFIN20100420_095800_000000402088_00408_42546_5387.N1	20-APR-2010 09:58:00	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42546	No
115	GOM_NL__2PRFIN20100420_100505_000000412088_00409_42547_5378.N1	20-APR-2010 10:05:05	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42547	No
116	GOM_NL__2PRFIN20100420_101336_000000632088_00409_42547_5379.N1	20-APR-2010 10:13:36	Straylight	63.000	40	The Sco	1.8590	7100.0	126	42547	No
117	GOM_NL__2PRFIN20100420_101959_000000412088_00409_42547_5380.N1	20-APR-2010 10:19:59	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42547	No
118	GOM_NL__2PRFIN20100420_102134_000000442088_00409_42547_5381.N1	20-APR-2010 10:21:34	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42547	No
119	GOM_NL__2PRFIN20100420_102350_000000482088_00409_42547_5382.N1	20-APR-2010 10:23:50	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42547	No
120	GOM_NL__2PRFIN20100420_102824_000000422088_00409_42547_5383.N1	20-APR-2010 10:28:24	Twi_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	42547	No
121	GOM_NL__2PRFIN20100420_102952_000000292088_00409_42547_5384.N1	20-APR-2010 10:29:52	Twi_and_stray	29.000	122	9Alp2Lib	2.7470	9700.0	58	42547	No
122	GOM_NL__2PRFIN20100420_103154_000000432088_00409_42547_5385.N1	20-APR-2010 10:31:54	Bright	43.000	15	67Alp Vir	0.97600	28000.	86	42547	No
123	GOM_NL__2PRFIN20100420_103833_000000382088_00409_42547_5386.N1	20-APR-2010 10:38:33	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42547	No
124	GOM_NL__2PRFIN20100420_104134_000000442088_00409_42547_5387.N1	20-APR-2010 10:41:34	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42547	No
125	GOM_NL__2PRFIN20100420_104632_000000382088_00409_42547_5388.N1	20-APR-2010 10:46:32	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42547	No
126	GOM_NL__2PRFIN20100420_105037_000000432088_00409_42547_5389.N1	20-APR-2010 10:50:37	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	42547	No
127	GOM_NL__2PRFIN20100420_105753_000000562088_00409_42547_5390.N1	20-APR-2010 10:57:53	Bright	56.000	60	7Bet UMi	2.0810	3950.0	112	42547	No
128	GOM_NL__2PRFIN20100420_110804_000000402088_00409_42547_5391.N1	20-APR-2010 11:08:04	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42547	No
129	GOM_NL__2PRFIN20100420_111822_000000402088_00409_42547_5392.N1	20-APR-2010 11:18:22	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42547	No
130	GOM_NL__2PRFIN20100420_112549_000000512088_00409_42547_5393.N1	20-APR-2010 11:25:49	Dark	51.000	61	8Eps Peg	2.1000	3900.0	102	42547	No
131	GOM_NL__2PRFIN20100420_112817_000000472088_00409_42547_5394.N1	20-APR-2010 11:28:17	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42547	No
132	GOM_NL__2PRFIN20100420_113109_000000552088_00409_42547_5395.N1	20-APR-2010 11:31:09	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42547	No
133	GOM_NL__2PRFIN20100420_113328_000000482088_00409_42547_5396.N1	20-APR-2010 11:33:28	Dark	47.500	142	49Del Cap	2.8500	8900.0	95	42547	No
134	GOM_NL__2PRFIN20100420_113837_000000402088_00409_42547_5397.N1	20-APR-2010 11:38:37	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42547	No
135	GOM_NL__2PRFIN20100420_114542_000000402088_00410_42548_5386.N1	20-APR-2010 11:45:42	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42548	No
136	GOM_NL__2PRFIN20100420_115414_000000592088_00410_42548_5387.N1	20-APR-2010 11:54:14	Straylight	59.000	40	The Sco	1.8590	7100.0	118	42548	No
137	GOM_NL__2PRFIN20100420_120035_000000422088_00410_42548_5388.N1	20-APR-2010 12:00:35	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42548	No
138	GOM_NL__2PRFIN20100420_120210_000000412088_00410_42548_5389.N1	20-APR-2010 12:02:10	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	42548	No
139	GOM_NL__2PRFIN20100420_120427_000000472088_00410_42548_5390.N1	20-APR-2010 12:04:27	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42548	No
140	GOM_NL__2PRFIN20100420_120859_000000442088_00410_42548_5391.N1	20-APR-2010 12:08:59	Twi_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42548	No
141	GOM_NL__2PRFIN20100420_121028_000000342088_00410_42548_5392.N1	20-APR-2010 12:10:28	Twi_and_stray	33.500	122	9Alp2Lib	2.7470	9700.0	67	42548	No
142	GOM_NL__2PRFIN20100420_121230_000000432088_00410_42548_5393.N1	20-APR-2010 12:12:30	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42548	No
143	GOM_NL__2PRFIN20100420_121909_000000382088_00410_42548_5394.N1	20-APR-2010 12:19:09	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42548	No
144	GOM_NL__2PRFIN20100420_122209_000000442088_00410_42548_5395.N1	20-APR-2010 12:22:09	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42548	No
145	GOM_NL__2PRFIN20100420_122708_000000372088_00410_42548_5396.N1	20-APR-2010 12:27:08	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42548	No
146	GOM_NL__2PRFIN20100420_122941_000000272088_00410_42548_5397.N1	20-APR-2010 12:29:41	Twi_and_stray	27.000	180	27Gam Boo	3.0400	8000.0	54	42548	No
147	GOM_NL__2PRFIN20100420_123113_000000592088_00410_42548_5398.N1	20-APR-2010 12:31:13	Bright	59.000	39	85Eta UMa	1.8540	24000.	118	42548	No
148	GOM_NL__2PRFIN20100420_123828_000000402088_00410_42548_5399.N1	20-APR-2010 12:38:28	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42548	No
149	GOM_NL__2PRFIN20100420_124841_000000432088_00410_42548_5400.N1	20-APR-2010 12:48:41	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42548	No
150	GOM_NL__2PRFIN20100420_125858_000000402088_00410_42548_5401.N1	20-APR-2010 12:58:58	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42548	No
151	GOM_NL__2PRFIN20100420_130625_000000522088_00410_42548_5402.N1	20-APR-2010 13:06:25	Dark	51.500	61	8Eps Peg	2.1000	3900.0	103	42548	No
152	GOM_NL__2PRFIN20100420_130853_000000482088_00410_42548_5403.N1	20-APR-2010 13:08:53	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	42548	No
153	GOM_NL__2PRFIN20100420_131146_000000512088_00410_42548_5404.N1	20-APR-2010 13:11:46	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	42548	No
154	GOM_NL__2PRFIN20100420_131404_000000462088_00410_42548_5405.N1	20-APR-2010 13:14:04	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	42548	No
155	GOM_NL__2PRFIN20100420_131914_000000402088_00410_42548_5406.N1	20-APR-2010 13:19:14	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42548	No
156	GOM_NL__2PRFIN20100420_132618_000000472088_00411_42549_5394.N1	20-APR-2010 13:26:18	Dark	47.000	45	Alp Pav	1.9400	26000.	94	42549	No
157	GOM_NL__2PRFIN20100420_133450_000000602088_00411_42549_5395.N1	20-APR-2010 13:34:50	Straylight	60.000	40	The Sco	1.8590	7100.0	120	42549	No
158	GOM_NL__2PRFIN20100420_134112_000000392088_00411_42549_5396.N1	20-APR-2010 13:41:12	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	42549	No
159	GOM_NL__2PRFIN20100420_134247_000000462088_00411_42549_5397.N1	20-APR-2010 13:42:47	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42549	No
160	GOM_NL__2PRFIN20100420_134503_000000482088_00411_42549_5398.N1	20-APR-2010 13:45:03	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42549	No

161	GOM_NL_2PRFIN20100420_134936_000000432088_00411_42549_5399.N1	20-APR-2010 13:49:36	Twi_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42549	No
162	GOM_NL_2PRFIN20100420_135105_000000342088_00411_42549_5400.N1	20-APR-2010 13:51:05	Twi_and_stray	34.000	122	9Alp2Lib	2.7470	9700.0	68	42549	No
163	GOM_NL_2PRFIN20100420_135307_000000472088_00411_42549_5401.N1	20-APR-2010 13:53:07	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	42549	No
164	GOM_NL_2PRFIN20100420_135945_000000392088_00411_42549_5402.N1	20-APR-2010 13:59:45	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	42549	No
165	GOM_NL_2PRFIN20100420_140245_000000442088_00411_42549_5403.N1	20-APR-2010 14:02:45	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42549	No
166	GOM_NL_2PRFIN20100420_140744_000000382088_00411_42549_5404.N1	20-APR-2010 14:07:44	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42549	No
167	GOM_NL_2PRFIN20100420_141016_000000272088_00411_42549_5405.N1	20-APR-2010 14:10:16	Twi_and_stray	27.000	180	27Gam Boo	3.0400	8000.0	54	42549	No
168	GOM_NL_2PRFIN20100420_141148_000000412088_00411_42549_5406.N1	20-APR-2010 14:11:48	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42549	No
169	GOM_NL_2PRFIN20100420_141904_000000412088_00411_42549_5407.N1	20-APR-2010 14:19:04	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42549	No
170	GOM_NL_2PRFIN20100420_142916_000000422088_00411_42549_5408.N1	20-APR-2010 14:29:16	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42549	No
171	GOM_NL_2PRFIN20100420_143935_000000362088_00411_42549_5409.N1	20-APR-2010 14:39:35	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	42549	No
172	GOM_NL_2PRFIN20100420_144702_000000562088_00411_42549_5410.N1	20-APR-2010 14:47:02	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42549	No
173	GOM_NL_2PRFIN20100420_144930_000000492088_00411_42549_5411.N1	20-APR-2010 14:49:30	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42549	No
174	GOM_NL_2PRFIN20100420_145223_000000502088_00411_42549_5412.N1	20-APR-2010 14:52:23	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	42549	No
175	GOM_NL_2PRFIN20100420_145441_000000462088_00411_42549_5413.N1	20-APR-2010 14:54:41	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	42549	No
176	GOM_NL_2PRFIN20100420_145950_000000402088_00411_42549_5414.N1	20-APR-2010 14:59:50	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42549	No
177	GOM_NL_2PRFIN20100420_150654_000000402088_00412_42550_5402.N1	20-APR-2010 15:06:54	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42550	No
178	GOM_NL_2PRFIN20100420_151527_000000522088_00412_42550_5403.N1	20-APR-2010 15:15:27	Straylight	52.000	40	The Sco	1.8590	7100.0	104	42550	No
179	GOM_NL_2PRFIN20100420_152148_000000412088_00412_42550_5404.N1	20-APR-2010 15:21:48	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42550	No
180	GOM_NL_2PRFIN20100420_152323_000000432088_00412_42550_5405.N1	20-APR-2010 15:23:23	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42550	No
181	GOM_NL_2PRFIN20100420_152539_000000492088_00412_42550_5406.N1	20-APR-2010 15:25:39	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42550	No
182	GOM_NL_2PRFIN20100420_153012_000000432088_00412_42550_5407.N1	20-APR-2010 15:30:12	Twi_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42550	No
183	GOM_NL_2PRFIN20100420_153140_000000402088_00412_42550_5408.N1	20-APR-2010 15:31:40	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	42550	No
184	GOM_NL_2PRFIN20100420_153342_000000462088_00412_42550_5409.N1	20-APR-2010 15:33:42	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	42550	No
185	GOM_NL_2PRFIN20100420_154021_000000382088_00412_42550_5410.N1	20-APR-2010 15:40:21	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42550	No
186	GOM_NL_2PRFIN20100420_154320_000000432088_00412_42550_5411.N1	20-APR-2010 15:43:20	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	42550	No
187	GOM_NL_2PRFIN20100420_154819_000000392088_00412_42550_5412.N1	20-APR-2010 15:48:19	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42550	No
188	GOM_NL_2PRFIN20100420_155051_000000332088_00412_42550_5413.N1	20-APR-2010 15:50:51	Twi_and_stray	33.000	180	27Gam Boo	3.0400	8000.0	66	42550	No
189	GOM_NL_2PRFIN20100420_155224_000000412088_00412_42550_5414.N1	20-APR-2010 15:52:24	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42550	No
190	GOM_NL_2PRFIN20100420_155940_000000402088_00412_42550_5415.N1	20-APR-2010 15:59:40	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42550	No
191	GOM_NL_2PRFIN20100420_160952_000000432088_00412_42550_5416.N1	20-APR-2010 16:09:52	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42550	No
192	GOM_NL_2PRFIN20100420_162011_000000522088_00412_42550_5417.N1	20-APR-2010 16:20:11	Bright	51.500	164	44Eta Peg	2.9480	5400.0	103	42550	No
193	GOM_NL_2PRFIN20100420_162738_000000542088_00412_42550_5418.N1	20-APR-2010 16:27:38	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42550	No
194	GOM_NL_2PRFIN20100420_163006_000000472088_00412_42550_5419.N1	20-APR-2010 16:30:06	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42550	No
195	GOM_NL_2PRFIN20100420_163300_000000522088_00412_42550_5420.N1	20-APR-2010 16:33:00	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	42550	No
196	GOM_NL_2PRFIN20100420_163518_000000472088_00412_42550_5421.N1	20-APR-2010 16:35:18	Dark	47.000	142	49Del Cap	2.8500	8900.0	94	42550	No
197	GOM_NL_2PRFIN20100420_164026_000000412088_00412_42550_5422.N1	20-APR-2010 16:40:26	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42550	No
198	GOM_NL_2PRFIN20100420_164731_000000412088_00413_42551_5430.N1	20-APR-2010 16:47:31	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42551	No
199	GOM_NL_2PRFIN20100420_165604_000000542088_00413_42551_5431.N1	20-APR-2010 16:56:04	Straylight	53.500	40	The Sco	1.8590	7100.0	107	42551	No
200	GOM_NL_2PRFIN20100420_170224_000000432088_00413_42551_5432.N1	20-APR-2010 17:02:24	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42551	No
201	GOM_NL_2PRFIN20100420_170359_000000442088_00413_42551_5433.N1	20-APR-2010 17:03:59	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42551	No
202	GOM_NL_2PRFIN20100420_170615_000000472088_00413_42551_5434.N1	20-APR-2010 17:06:15	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42551	No
203	GOM_NL_2PRFIN20100420_171048_000000442088_00413_42551_5435.N1	20-APR-2010 17:10:48	Twi_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42551	No
204	GOM_NL_2PRFIN20100420_171216_000000402088_00413_42551_5436.N1	20-APR-2010 17:12:16	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	42551	No
205	GOM_NL_2PRFIN20100420_171418_000000472088_00413_42551_5437.N1	20-APR-2010 17:14:18	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42551	No
206	GOM_NL_2PRFIN20100420_172057_000000382088_00413_42551_5438.N1	20-APR-2010 17:20:57	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42551	No
207	GOM_NL_2PRFIN20100420_172356_000000452088_00413_42551_5439.N1	20-APR-2010 17:23:56	Bright	44.500	111	8Eta Boo	2.6800	6000.0	89	42551	No
208	GOM_NL_2PRFIN20100420_172855_000000392088_00413_42551_5440.N1	20-APR-2010 17:28:55	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42551	No
209	GOM_NL_2PRFIN20100420_173127_000000332088_00413_42551_5441.N1	20-APR-2010 17:31:27	Twi_and_stray	33.000	180	27Gam Boo	3.0400	8000.0	66	42551	No
210	GOM_NL_2PRFIN20100420_173259_000000412088_00413_42551_5442.N1	20-APR-2010 17:32:59	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42551	No
211	GOM_NL_2PRFIN20100420_174016_000000432088_00413_42551_5443.N1	20-APR-2010 17:40:16	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	42551	No
212	GOM_NL_2PRFIN20100420_175028_000000392088_00413_42551_5444.N1	20-APR-2010 17:50:28	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42551	No
213	GOM_NL_2PRFIN20100420_180046_000000412088_00413_42551_5445.N1	20-APR-2010 18:00:46	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	42551	No
214	GOM_NL_2PRFIN20100420_180815_000000552088_00413_42551_5446.N1	20-APR-2010 18:08:15	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	42551	No
215	GOM_NL_2PRFIN20100420_181043_000000482088_00413_42551_5447.N1	20-APR-2010 18:10:43	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	42551	No
216	GOM_NL_2PRFIN20100420_181336_000000512088_00413_42551_5448.N1	20-APR-2010 18:13:36	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42551	No
217	GOM_NL_2PRFIN20100420_181554_000000442088_00413_42551_5449.N1	20-APR-2010 18:15:54	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42551	No
218	GOM_NL_2PRFIN20100420_182103_000000392088_00413_42551_5450.N1	20-APR-2010 18:21:03	Dark	39.000	172	Gam Gru	3.0030	13100.	78	42551	No
219	GOM_NL_2PRFIN20100420_182807_000000392088_00414_42552_5438.N1	20-APR-2010 18:28:07	Dark	39.000	45	Alp Pav	1.9400	26000.	78	42552	No

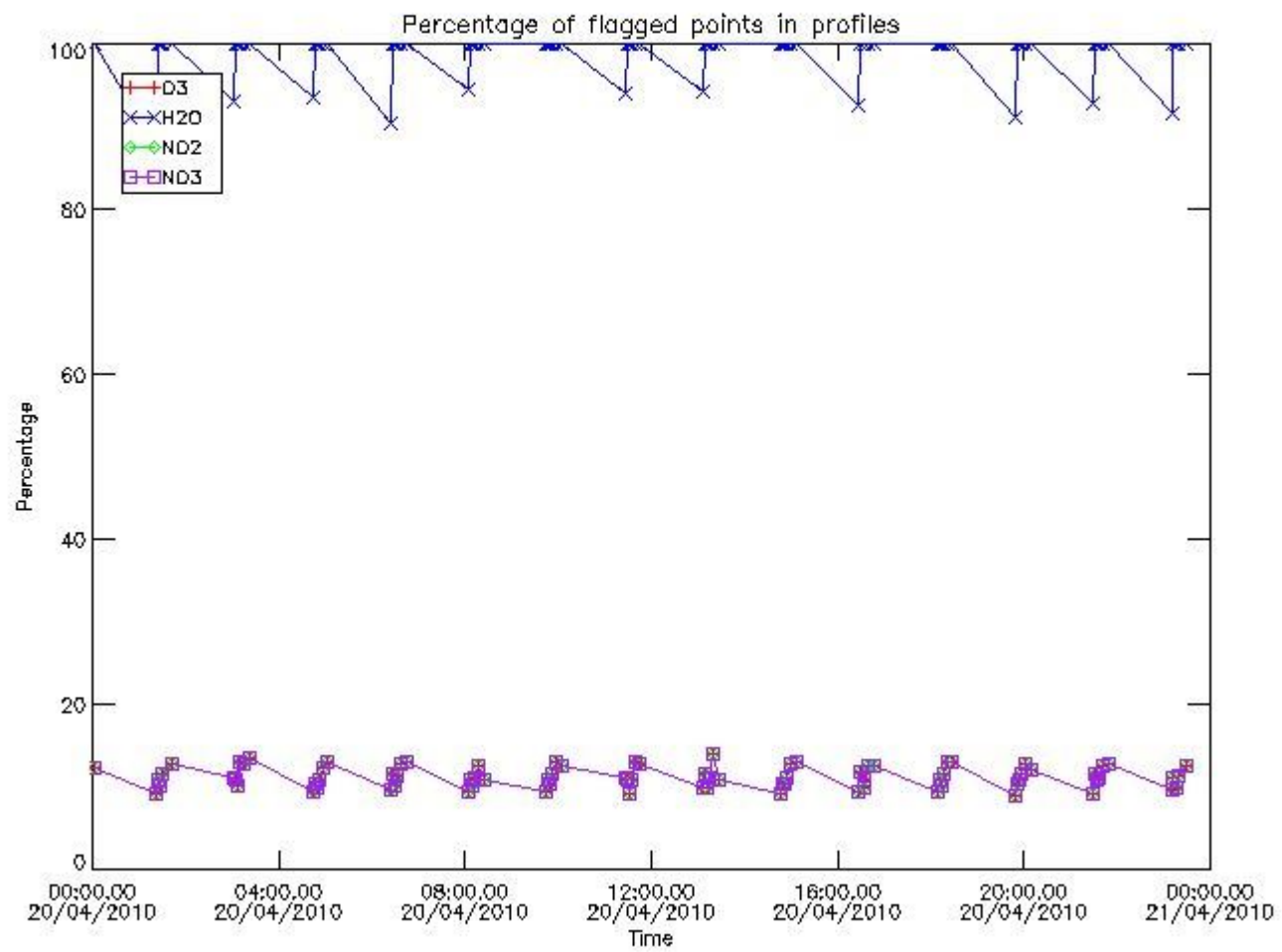
220	GOM_NL_2PRFIN20100420_183641_000000532088_00414_42552_5439.N1	20-APR-2010 18:36:41	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42552	No
221	GOM_NL_2PRFIN20100420_184301_000000402088_00414_42552_5440.N1	20-APR-2010 18:43:01	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42552	No
222	GOM_NL_2PRFIN20100420_184436_000000452088_00414_42552_5441.N1	20-APR-2010 18:44:36	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42552	No
223	GOM_NL_2PRFIN20100420_184652_000000452088_00414_42552_5442.N1	20-APR-2010 18:46:52	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42552	No
224	GOM_NL_2PRFIN20100420_185124_000000442088_00414_42552_5443.N1	20-APR-2010 18:51:24	Tw_i_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42552	No
225	GOM_NL_2PRFIN20100420_185253_000000462088_00414_42552_5444.N1	20-APR-2010 18:52:53	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	42552	No
226	GOM_NL_2PRFIN20100420_185455_000000462088_00414_42552_5445.N1	20-APR-2010 18:54:55	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	42552	No
227	GOM_NL_2PRFIN20100420_190133_000000382088_00414_42552_5446.N1	20-APR-2010 19:01:33	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42552	No
228	GOM_NL_2PRFIN20100420_190431_000000452088_00414_42552_5447.N1	20-APR-2010 19:04:31	Bright	44.500	111	8Eta Boo	2.6800	6000.0	89	42552	No
229	GOM_NL_2PRFIN20100420_190931_000000382088_00414_42552_5448.N1	20-APR-2010 19:09:31	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42552	No
230	GOM_NL_2PRFIN20100420_191202_000000392088_00414_42552_5449.N1	20-APR-2010 19:12:02	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	42552	No
231	GOM_NL_2PRFIN20100420_191335_000000422088_00414_42552_5450.N1	20-APR-2010 19:13:35	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42552	No
232	GOM_NL_2PRFIN20100420_192051_000000392088_00414_42552_5451.N1	20-APR-2010 19:20:51	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42552	No
233	GOM_NL_2PRFIN20100420_193103_000000372088_00414_42552_5452.N1	20-APR-2010 19:31:03	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42552	No
234	GOM_NL_2PRFIN20100420_194123_000000392088_00414_42552_5453.N1	20-APR-2010 19:41:23	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	42552	No
235	GOM_NL_2PRFIN20100420_194851_000000572088_00414_42552_5454.N1	20-APR-2010 19:48:51	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	42552	No
236	GOM_NL_2PRFIN20100420_195119_000000502088_00414_42552_5455.N1	20-APR-2010 19:51:19	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	42552	No
237	GOM_NL_2PRFIN20100420_195413_000000472088_00414_42552_5456.N1	20-APR-2010 19:54:13	Dark	47.000	154	22Bet Aqr	2.8990	5700.0	94	42552	No
238	GOM_NL_2PRFIN20100420_195631_000000452088_00414_42552_5457.N1	20-APR-2010 19:56:31	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42552	No
239	GOM_NL_2PRFIN20100420_200139_000000402088_00414_42552_5458.N1	20-APR-2010 20:01:39	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42552	No
240	GOM_NL_2PRFIN20100420_200844_000000432088_00415_42553_5447.N1	20-APR-2010 20:08:44	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42553	No
241	GOM_NL_2PRFIN20100420_201718_000000542088_00415_42553_5448.N1	20-APR-2010 20:17:18	Straylight	54.000	40	The Sco	1.8590	7100.0	108	42553	No
242	GOM_NL_2PRFIN20100420_202337_000000422088_00415_42553_5449.N1	20-APR-2010 20:23:37	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42553	No
243	GOM_NL_2PRFIN20100420_202512_000000442088_00415_42553_5450.N1	20-APR-2010 20:25:12	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42553	No
244	GOM_NL_2PRFIN20100420_202728_000000482088_00415_42553_5451.N1	20-APR-2010 20:27:28	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42553	No
245	GOM_NL_2PRFIN20100420_203200_000000442088_00415_42553_5452.N1	20-APR-2010 20:32:00	Tw_i_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42553	No
246	GOM_NL_2PRFIN20100420_203329_000000462088_00415_42553_5453.N1	20-APR-2010 20:33:29	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	42553	No
247	GOM_NL_2PRFIN20100420_203531_000000442088_00415_42553_5454.N1	20-APR-2010 20:35:31	Bright	43.500	15	67Alp Vir	0.97600	28000.	87	42553	No
248	GOM_NL_2PRFIN20100420_204209_000000382088_00415_42553_5455.N1	20-APR-2010 20:42:09	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42553	No
249	GOM_NL_2PRFIN20100420_204507_000000432088_00415_42553_5456.N1	20-APR-2010 20:45:07	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42553	No
250	GOM_NL_2PRFIN20100420_205007_000000382088_00415_42553_5457.N1	20-APR-2010 20:50:07	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42553	No
251	GOM_NL_2PRFIN20100420_205237_000000392088_00415_42553_5458.N1	20-APR-2010 20:52:37	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	42553	No
252	GOM_NL_2PRFIN20100420_205410_000000412088_00415_42553_5459.N1	20-APR-2010 20:54:10	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42553	No
253	GOM_NL_2PRFIN20100420_210127_000000402088_00415_42553_5460.N1	20-APR-2010 21:01:27	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42553	No
254	GOM_NL_2PRFIN20100420_211139_000000412088_00415_42553_5461.N1	20-APR-2010 21:11:39	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42553	No
255	GOM_NL_2PRFIN20100420_212159_000000362088_00415_42553_5462.N1	20-APR-2010 21:21:59	Bright	35.500	164	44Eta Peg	2.9480	5400.0	71	42553	No
256	GOM_NL_2PRFIN20100420_212928_000000552088_00415_42553_5463.N1	20-APR-2010 21:29:28	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	42553	No
257	GOM_NL_2PRFIN20100420_213155_000000442088_00415_42553_5464.N1	20-APR-2010 21:31:55	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42553	No
258	GOM_NL_2PRFIN20100420_213450_000000472088_00415_42553_5465.N1	20-APR-2010 21:34:50	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42553	No
259	GOM_NL_2PRFIN20100420_213707_000000462088_00415_42553_5466.N1	20-APR-2010 21:37:07	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	42553	No
260	GOM_NL_2PRFIN20100420_214216_000000412088_00415_42553_5467.N1	20-APR-2010 21:42:16	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42553	No
261	GOM_NL_2PRFIN20100420_214920_000000402088_00416_42554_5455.N1	20-APR-2010 21:49:20	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42554	No
262	GOM_NL_2PRFIN20100420_215755_000000652088_00416_42554_5456.N1	20-APR-2010 21:57:55	Straylight	64.500	40	The Sco	1.8590	7100.0	129	42554	No
263	GOM_NL_2PRFIN20100420_220413_000000432088_00416_42554_5457.N1	20-APR-2010 22:04:13	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42554	No
264	GOM_NL_2PRFIN20100420_220548_000000432088_00416_42554_5458.N1	20-APR-2010 22:05:48	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42554	No
265	GOM_NL_2PRFIN20100420_220804_000000452088_00416_42554_5459.N1	20-APR-2010 22:08:04	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42554	No
266	GOM_NL_2PRFIN20100420_221236_000000452088_00416_42554_5460.N1	20-APR-2010 22:12:36	Tw_i_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	42554	No
267	GOM_NL_2PRFIN20100420_221405_000000522088_00416_42554_5461.N1	20-APR-2010 22:14:05	Bright	52.000	122	9Alp2Lib	2.7470	9700.0	104	42554	No
268	GOM_NL_2PRFIN20100420_221606_000000442088_00416_42554_5462.N1	20-APR-2010 22:16:06	Bright	44.000	15	67Alp Vir	0.97600	28000.	88	42554	No
269	GOM_NL_2PRFIN20100420_222244_000000382088_00416_42554_5463.N1	20-APR-2010 22:22:44	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42554	No
270	GOM_NL_2PRFIN20100420_222543_000000442088_00416_42554_5464.N1	20-APR-2010 22:25:43	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42554	No
271	GOM_NL_2PRFIN20100420_223042_000000382088_00416_42554_5465.N1	20-APR-2010 22:30:42	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42554	No
272	GOM_NL_2PRFIN20100420_223312_000000452088_00416_42554_5466.N1	20-APR-2010 22:33:12	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42554	No
273	GOM_NL_2PRFIN20100420_223446_000000422088_00416_42554_5467.N1	20-APR-2010 22:34:46	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42554	No
274	GOM_NL_2PRFIN20100420_224203_000000372088_00416_42554_5468.N1	20-APR-2010 22:42:03	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42554	No
275	GOM_NL_2PRFIN20100420_225215_000000412088_00416_42554_5469.N1	20-APR-2010 22:52:15	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42554	No
276	GOM_NL_2PRFIN20100420_230235_000000392088_00416_42554_5470.N1	20-APR-2010 23:02:35	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	42554	No
277	GOM_NL_2PRFIN20100420_231004_000000542088_00416_42554_5471.N1	20-APR-2010 23:10:04	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	42554	No
278	GOM_NL_2PRFIN20100420_231232_000000462088_00416_42554_5472.N1	20-APR-2010 23:12:32	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42554	No

279	GOM_NL__2PRFIN20100420_231526_000000512088_00416_42554_5473.N1	20-APR-2010 23:15:26	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	42554	No
280	GOM_NL__2PRFIN20100420_231744_000000452088_00416_42554_5474.N1	20-APR-2010 23:17:44	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42554	No
281	GOM_NL__2PRFIN20100420_232956_000000412088_00417_42555_5463.N1	20-APR-2010 23:29:56	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42555	No
282	GOM_NL__2PRFIN20100420_233832_000000542088_00417_42555_5464.N1	20-APR-2010 23:38:32	Straylight	54.000	40	The Sco	1.8590	7100.0	108	42555	No
283	GOM_NL__2PRFIN20100420_234450_000000432088_00417_42555_5465.N1	20-APR-2010 23:44:50	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42555	No
284	GOM_NL__2PRFIN20100420_234624_000000432088_00417_42555_5466.N1	20-APR-2010 23:46:24	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42555	No
285	GOM_NL__2PRFIN20100420_234840_000000492088_00417_42555_5467.N1	20-APR-2010 23:48:40	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42555	No
286	GOM_NL__2PRFIN20100420_235312_000000412088_00417_42555_5468.N1	20-APR-2010 23:53:12	Twilight_stray	41.000	169	46Gam Hya	2.9910	4700.0	82	42555	No
287	GOM_NL__2PRFIN20100420_235440_000000522088_00417_42555_5469.N1	20-APR-2010 23:54:40	Bright	52.000	122	9Alp2Lib	2.7470	9700.0	104	42555	No
288	GOM_NL__2PRFIN20100420_235642_000000442088_00417_42555_5470.N1	20-APR-2010 23:56:42	Bright	43.500	15	67Alp Vir	0.97600	28000.	87	42555	No

3. Quality information per product

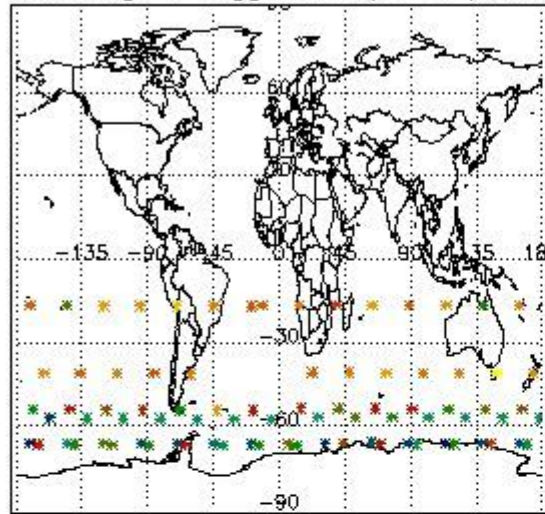
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

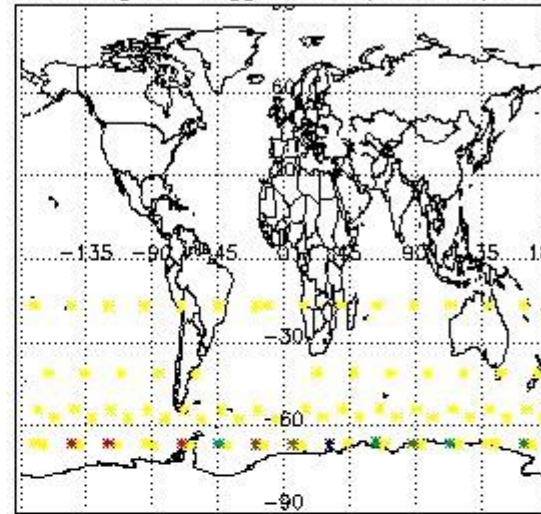


3.2 Plot quality information per product (world map)

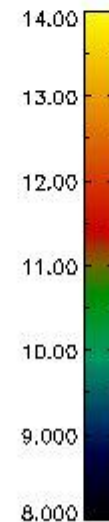
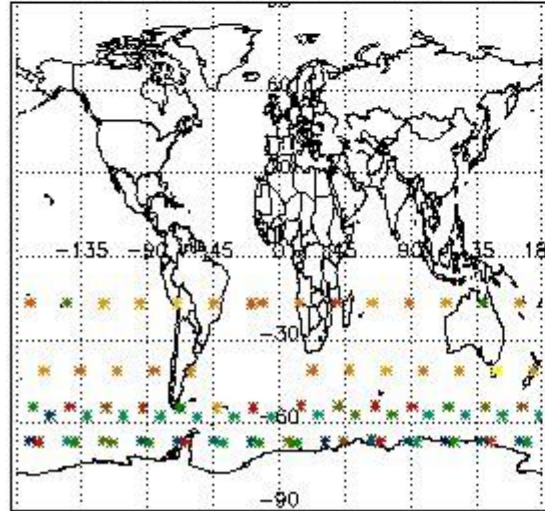
Percentage of flagged data per O3 profile



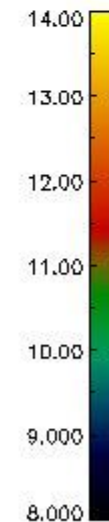
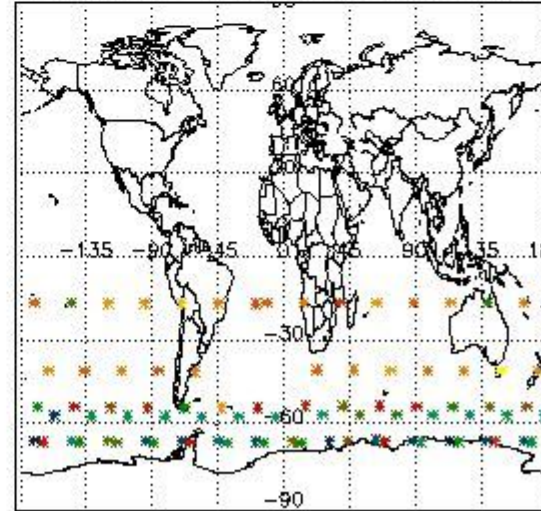
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

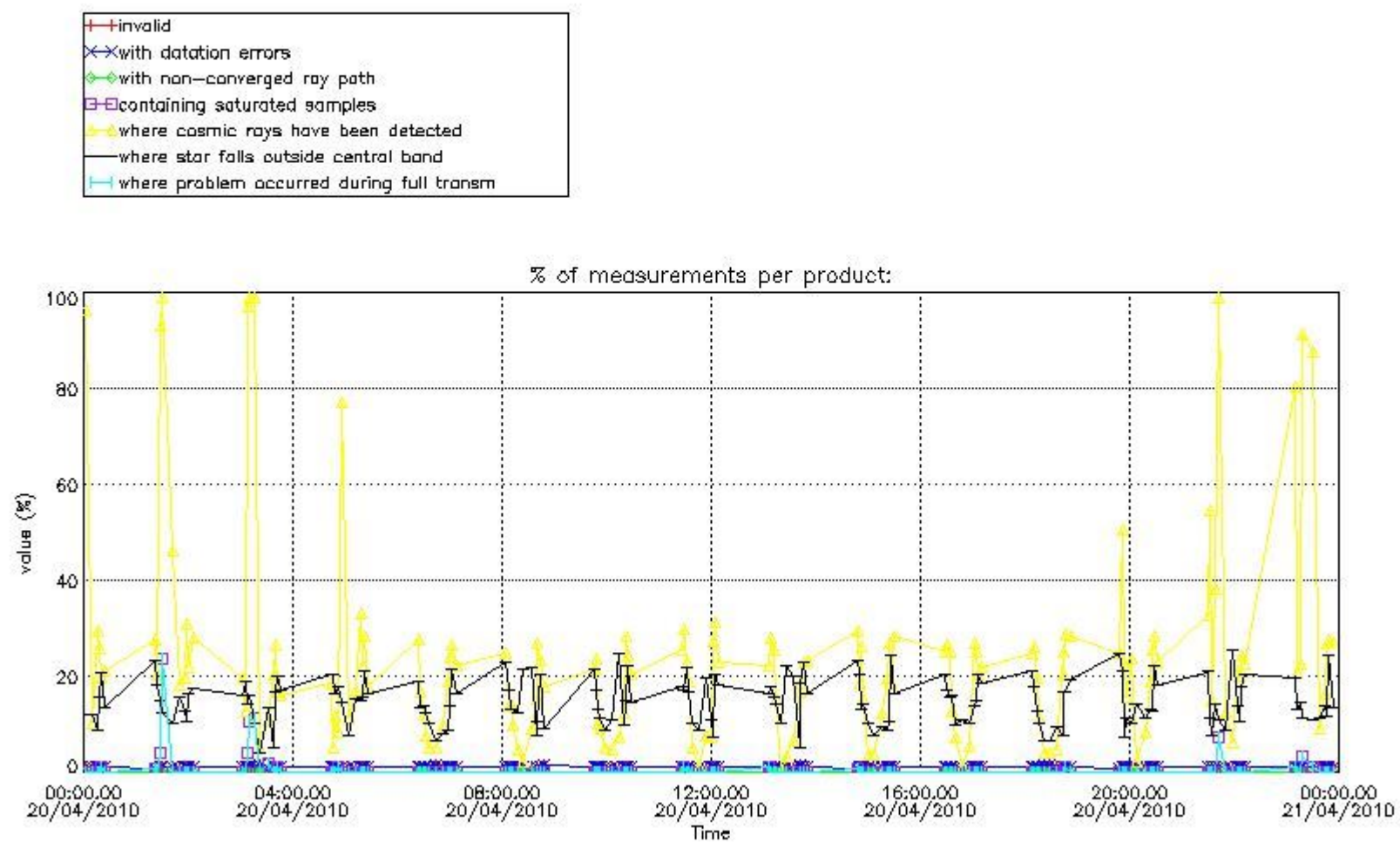


4. Level 1 quality information per product

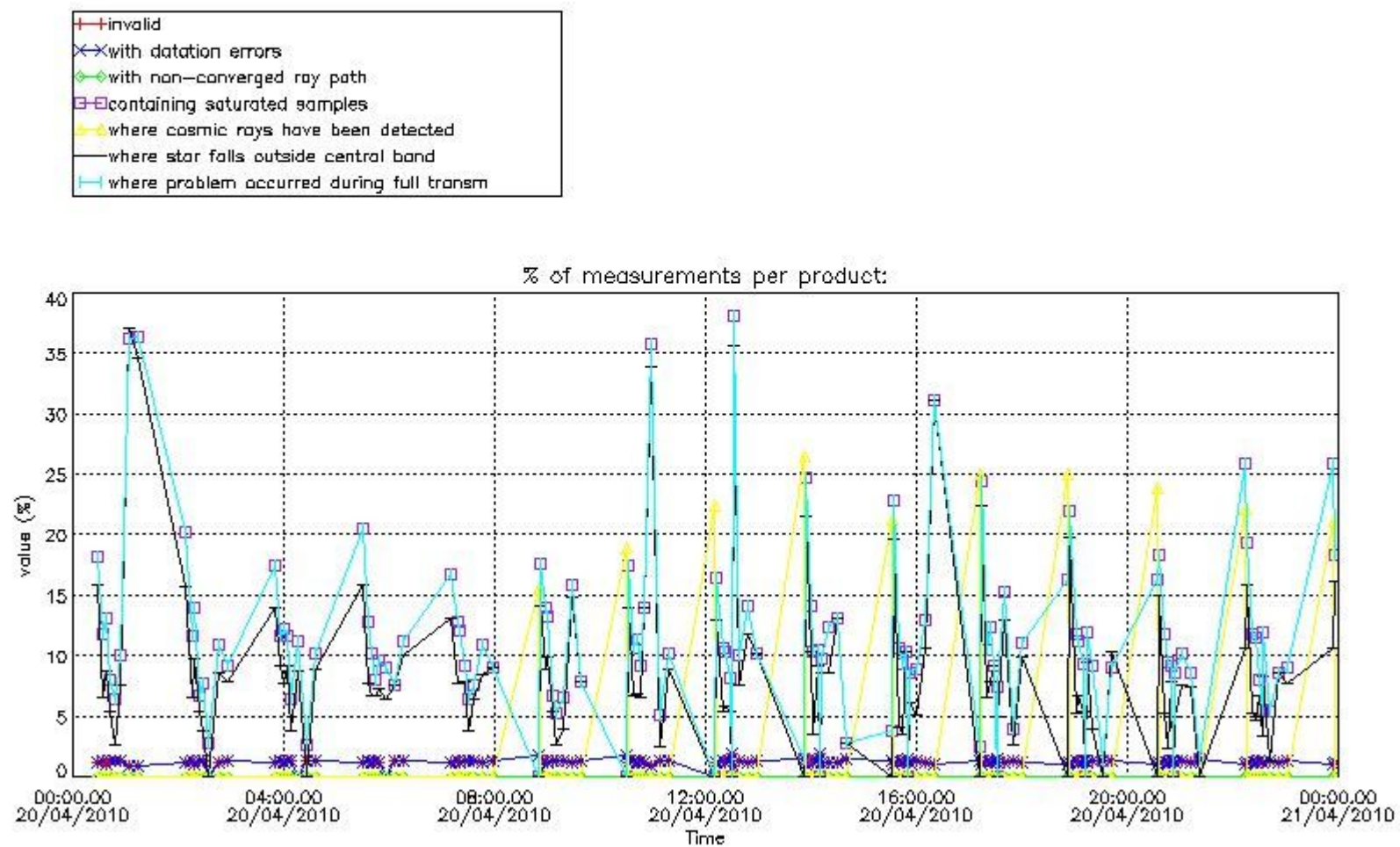
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

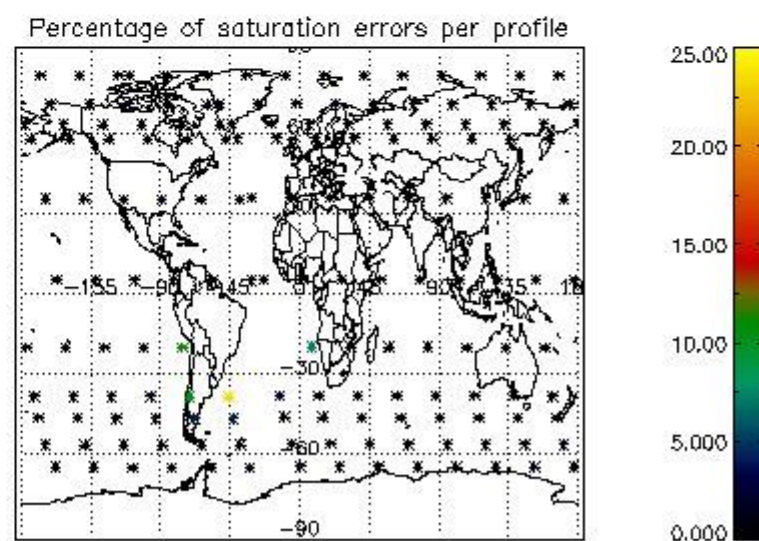
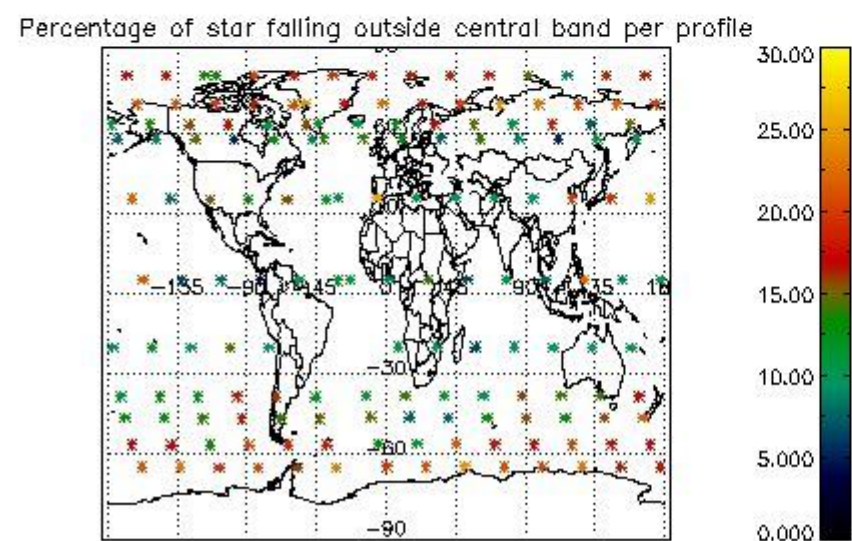
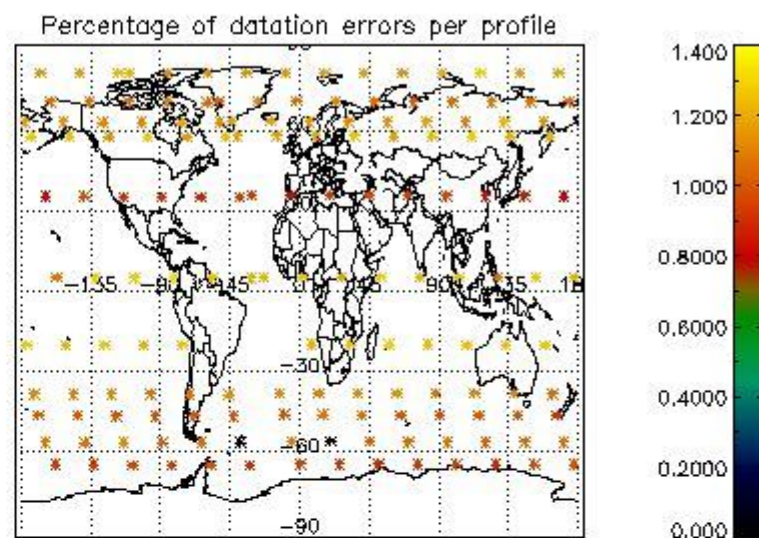
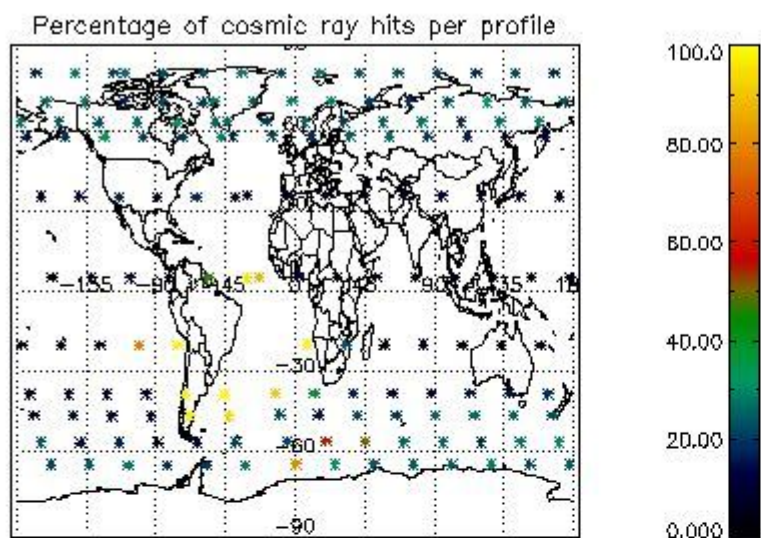


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

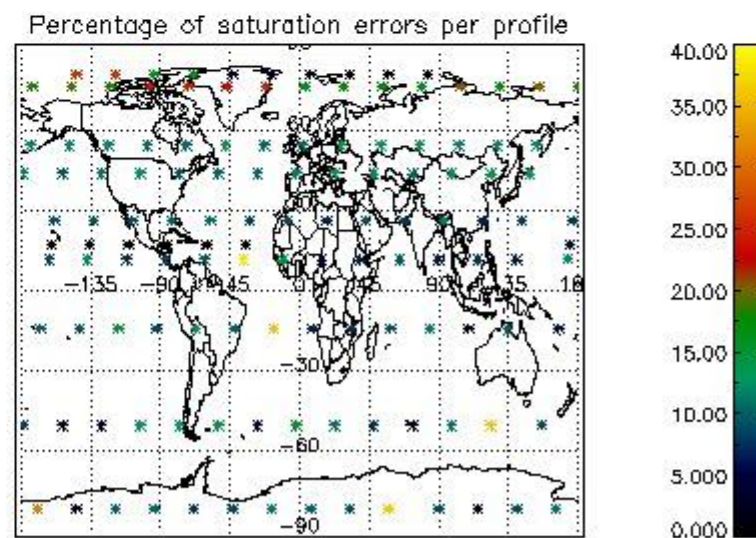
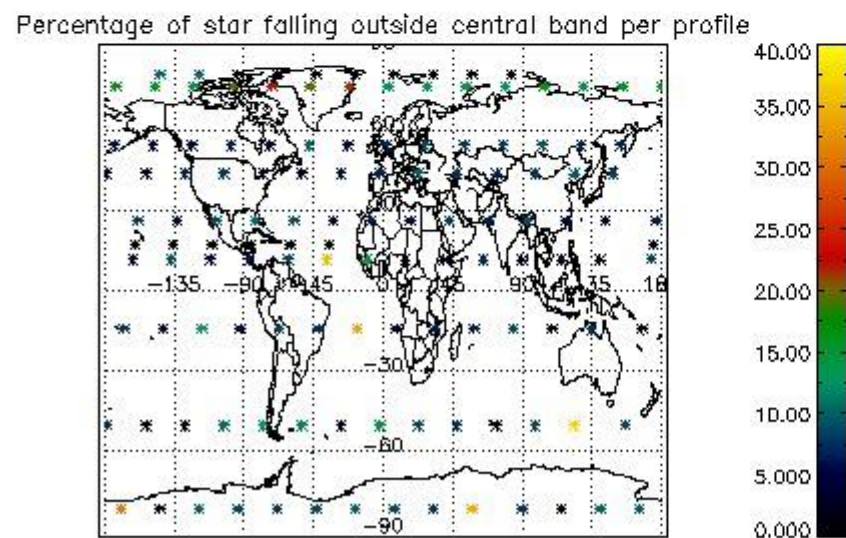
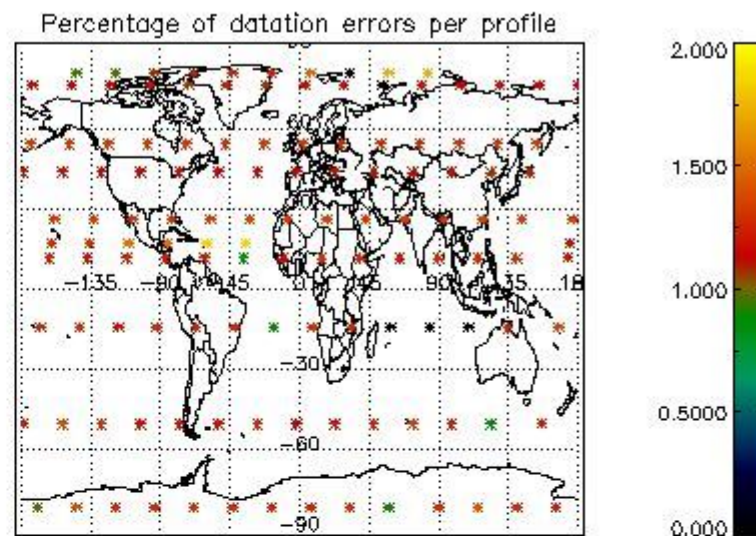
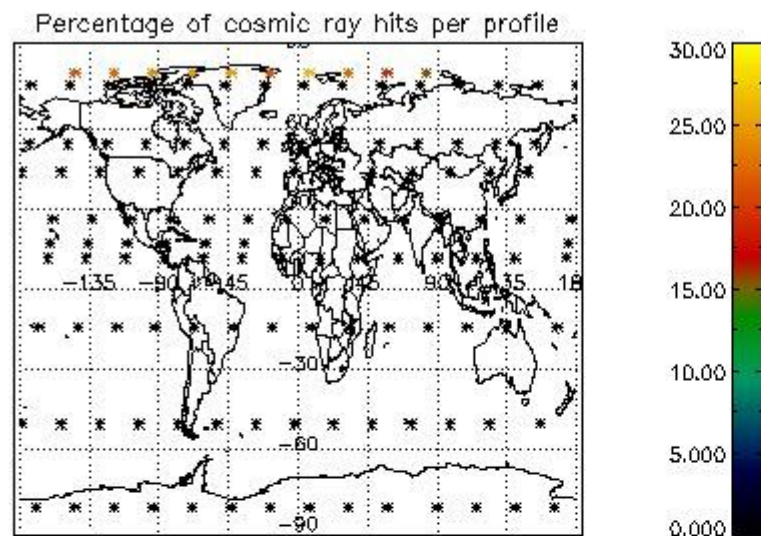


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

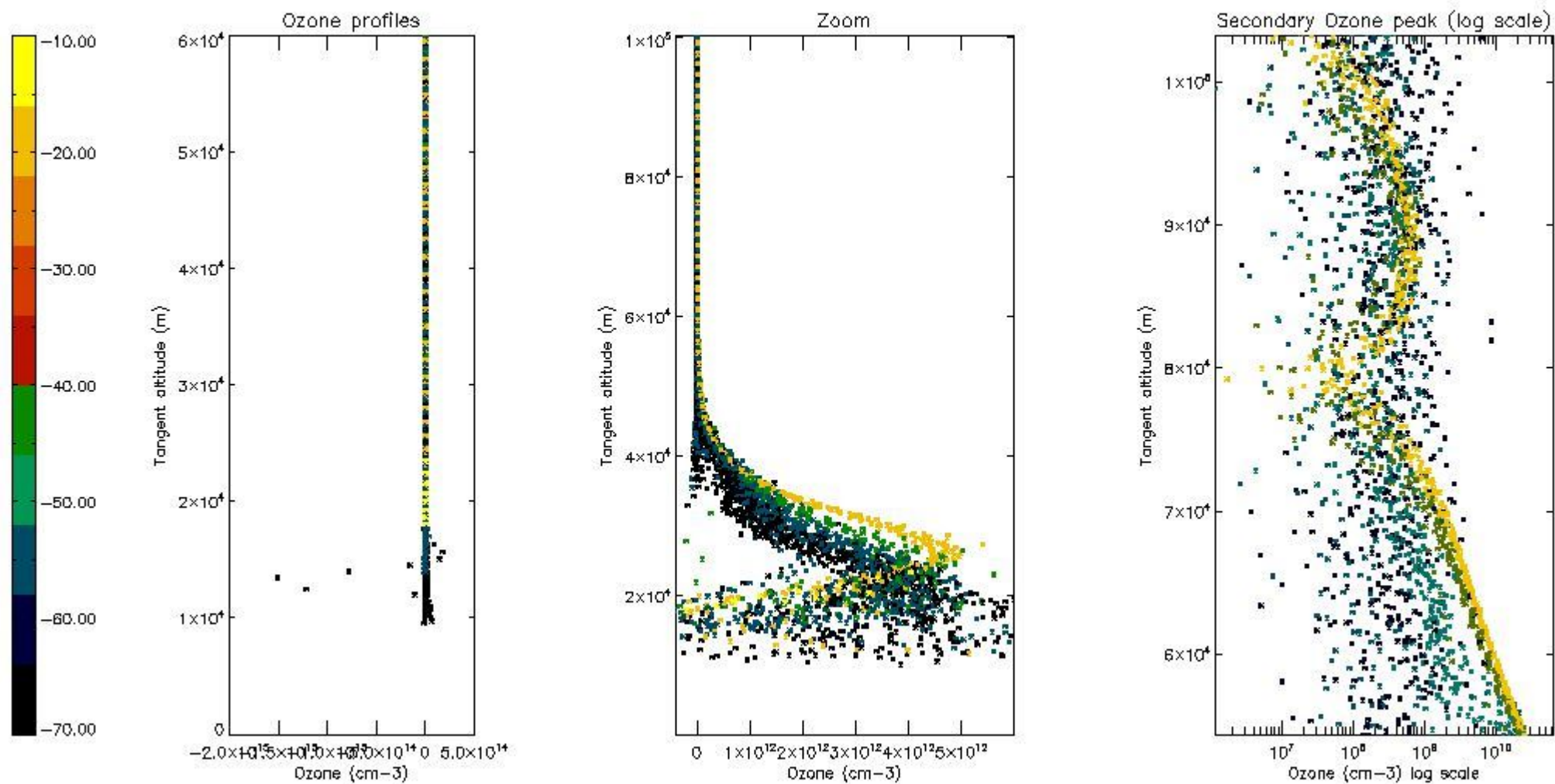
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	11

STD < 10	6
STD < 5	3

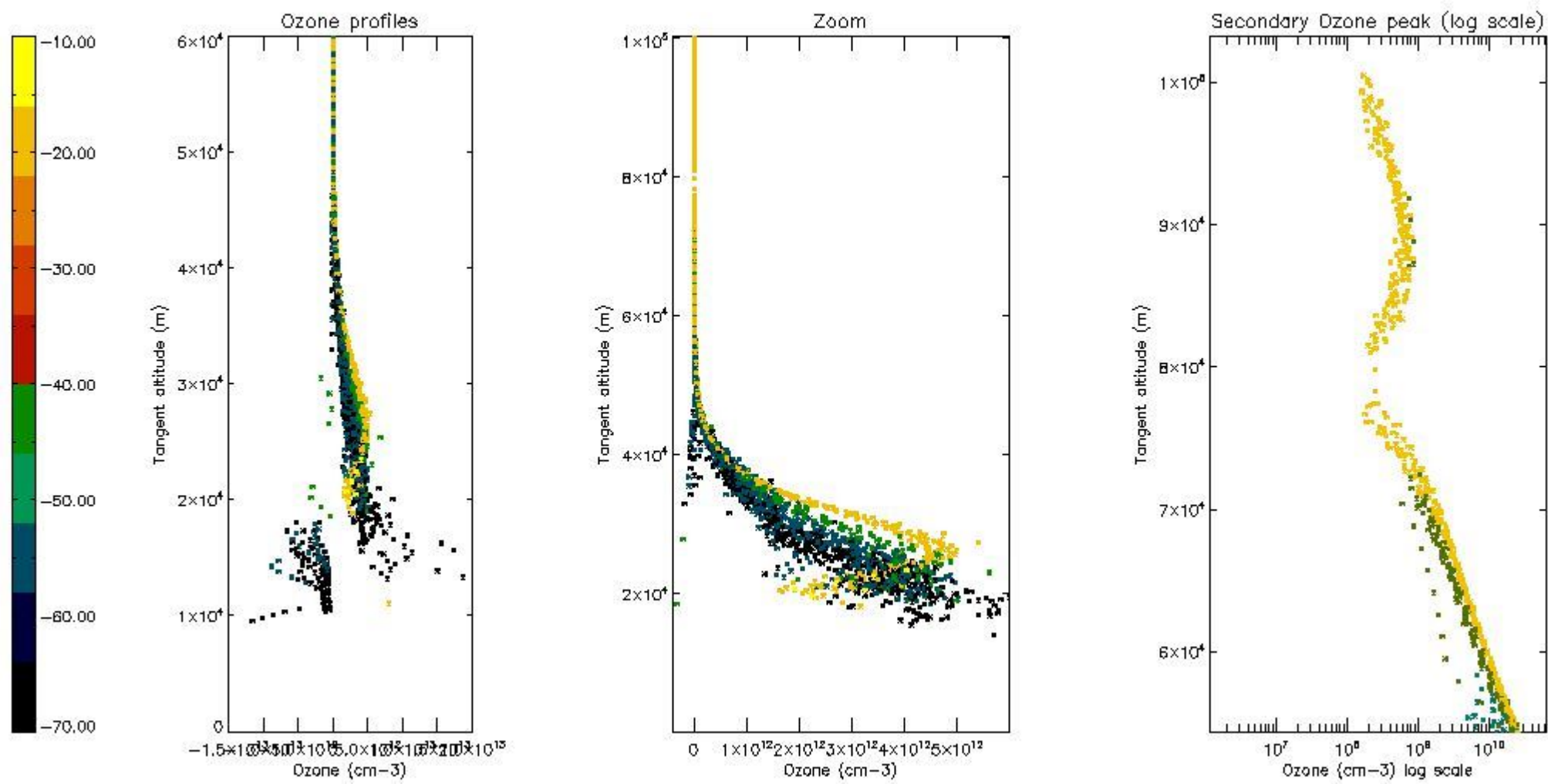
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



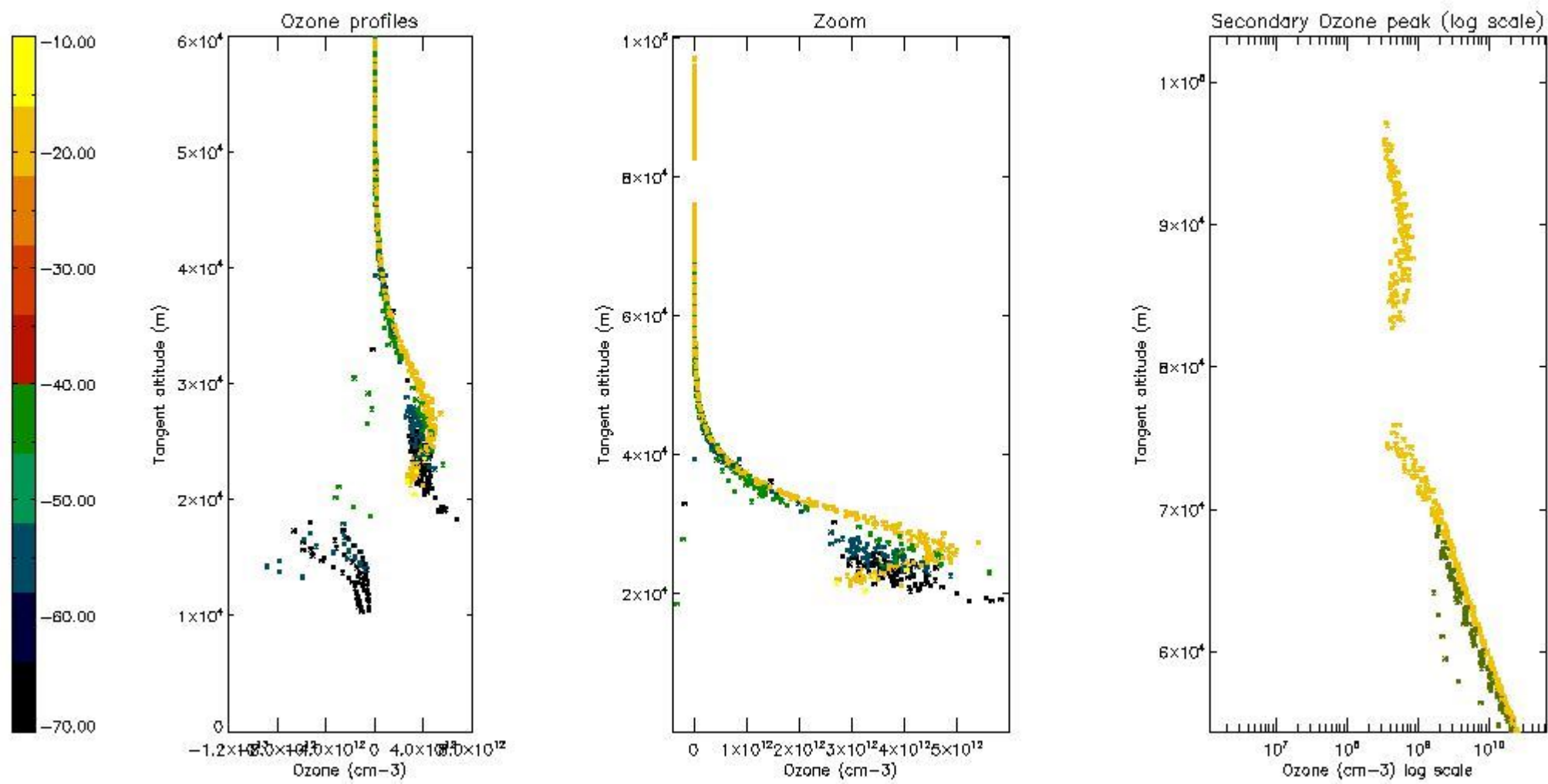
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



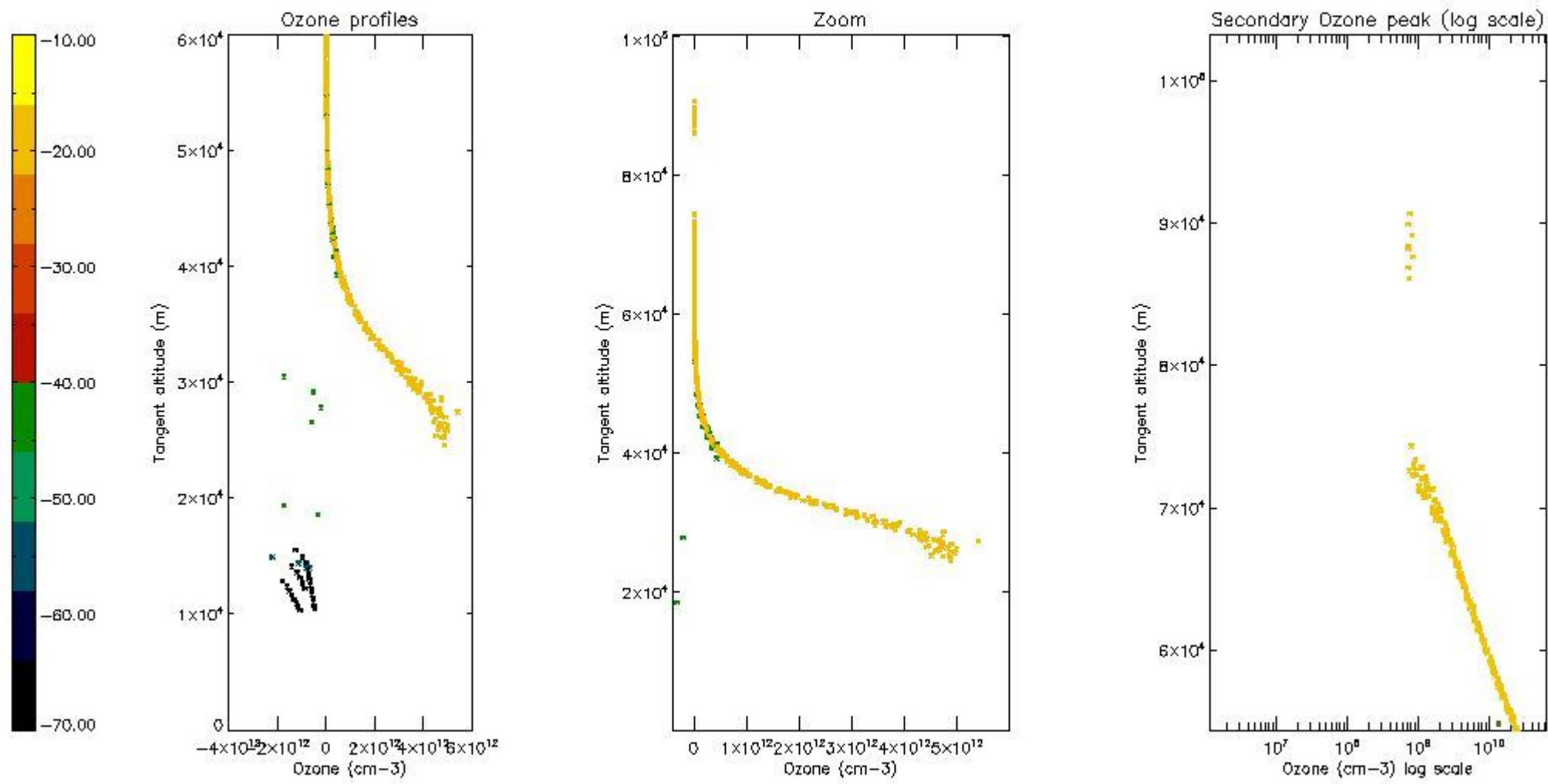
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



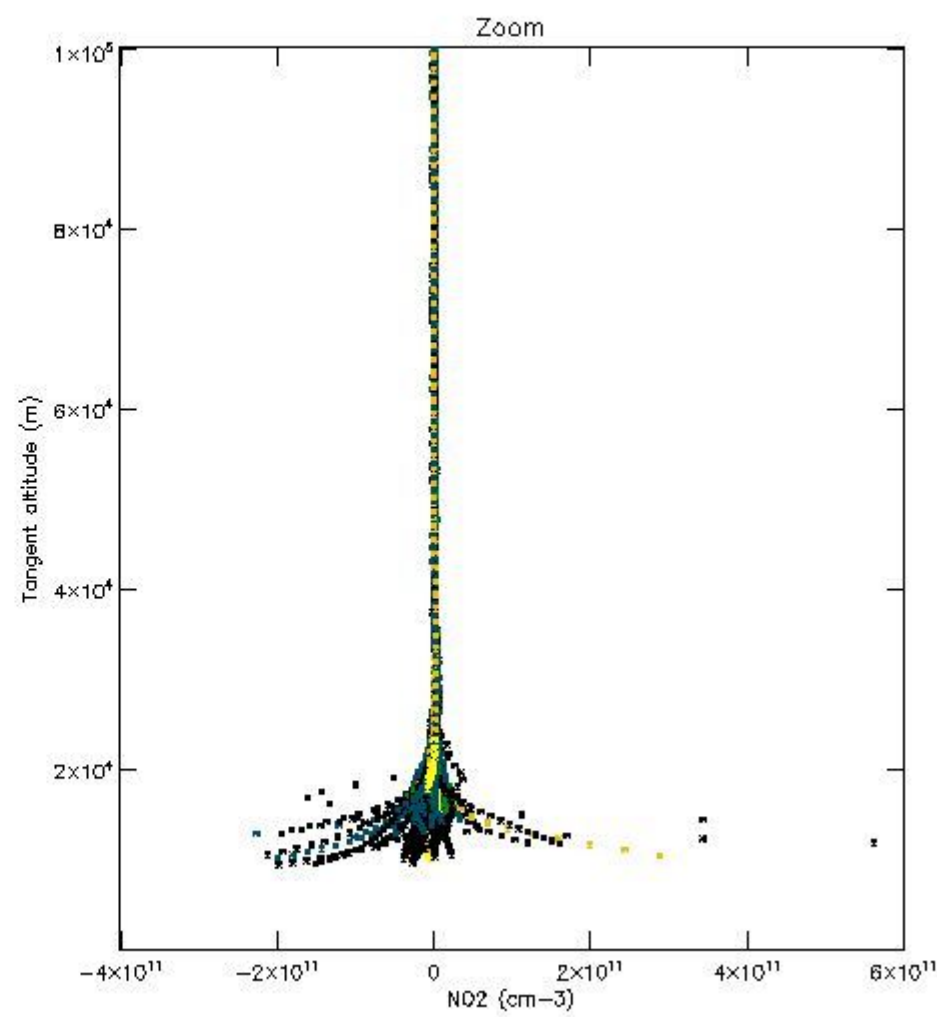
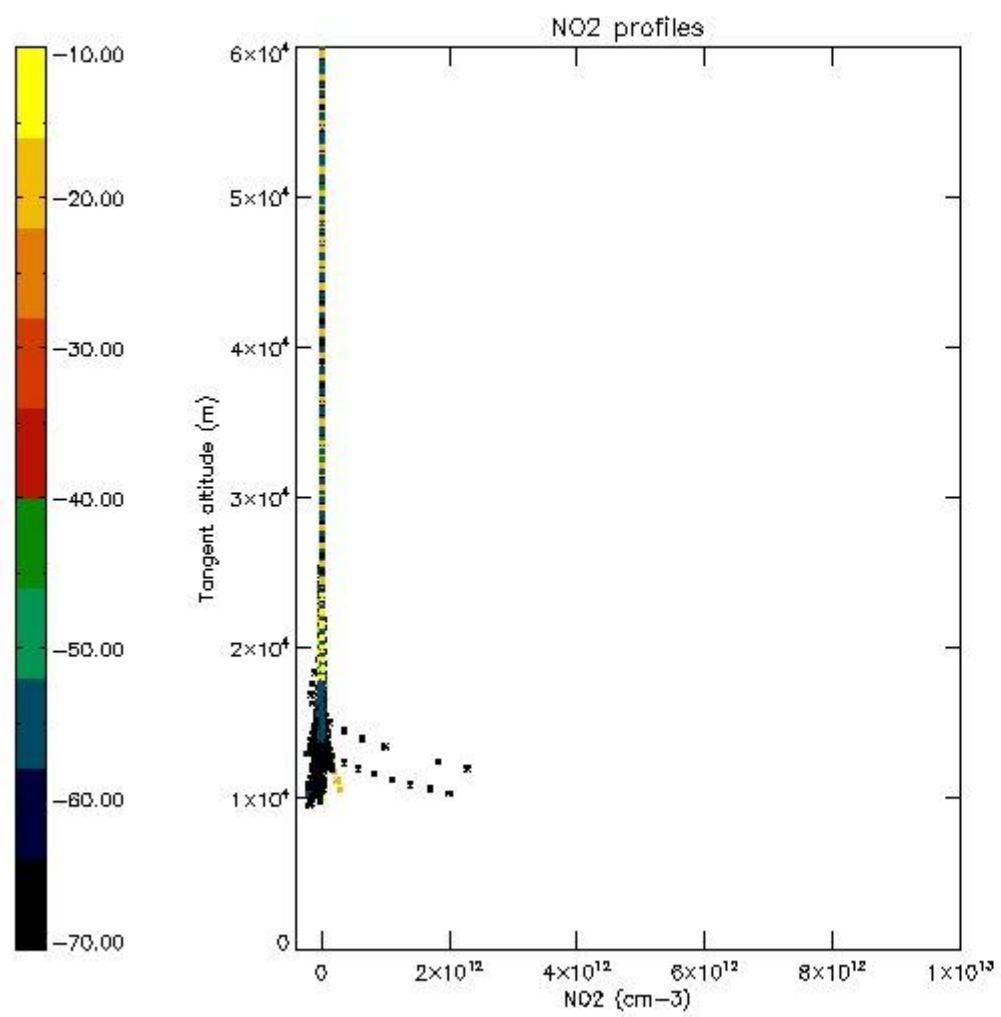
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



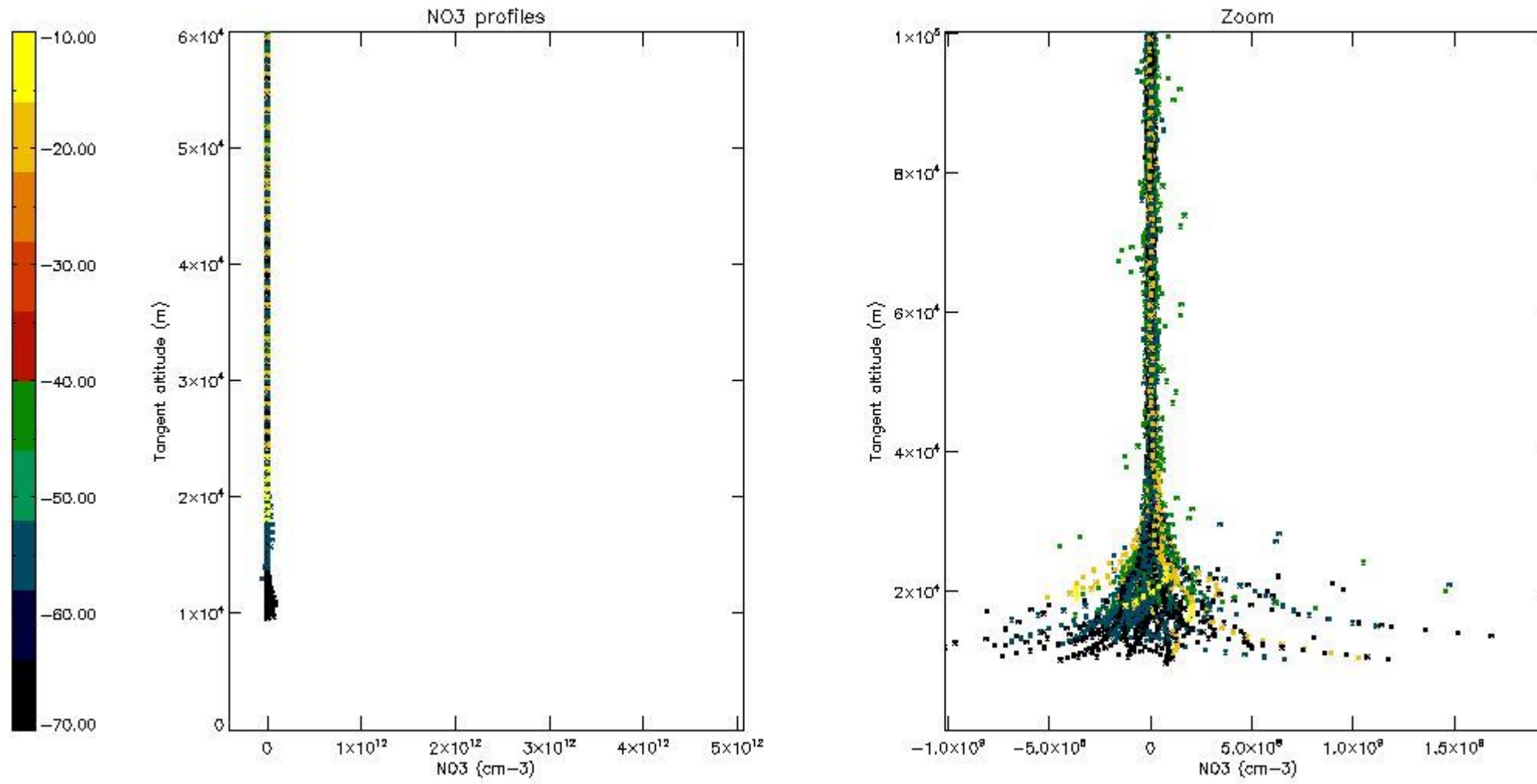
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

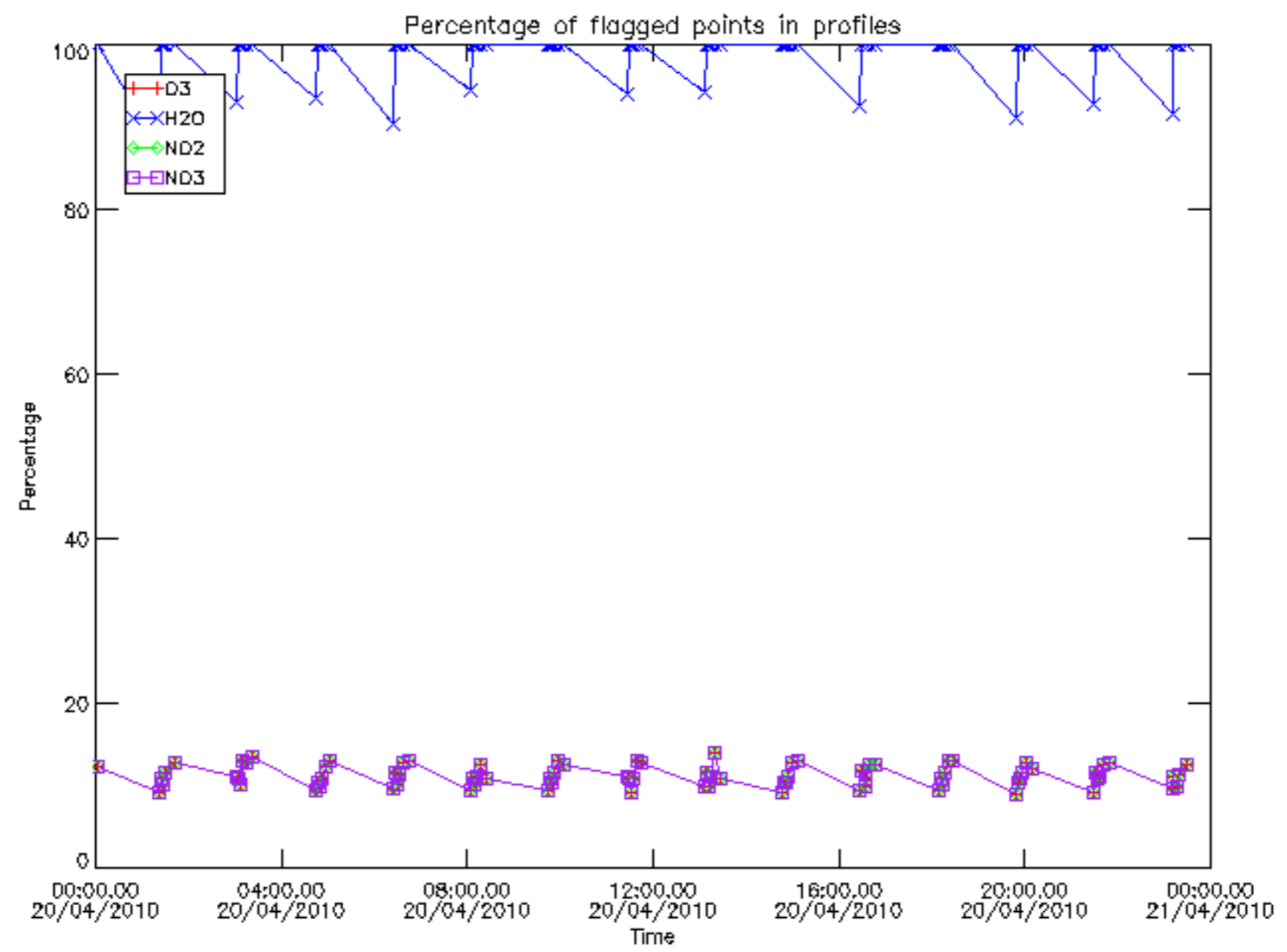
The colorbar represents the latitude.



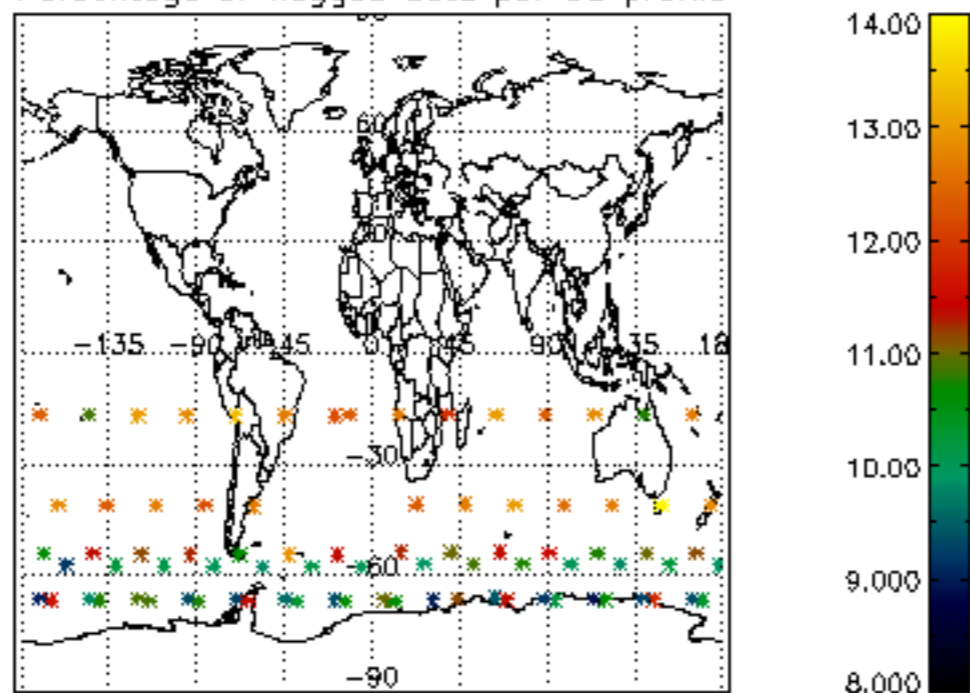
6. Auxiliary Data Files used for the production reported in section 2

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.

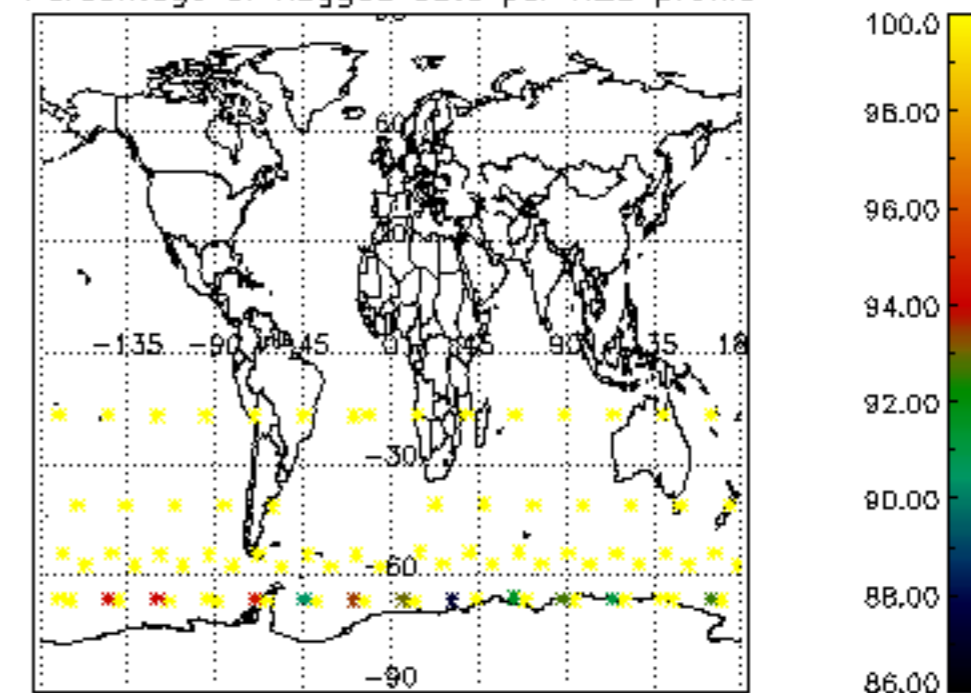
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	20-APR-2010 00:01:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-APR-2010 00:01:25
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-APR-2010 00:01:25



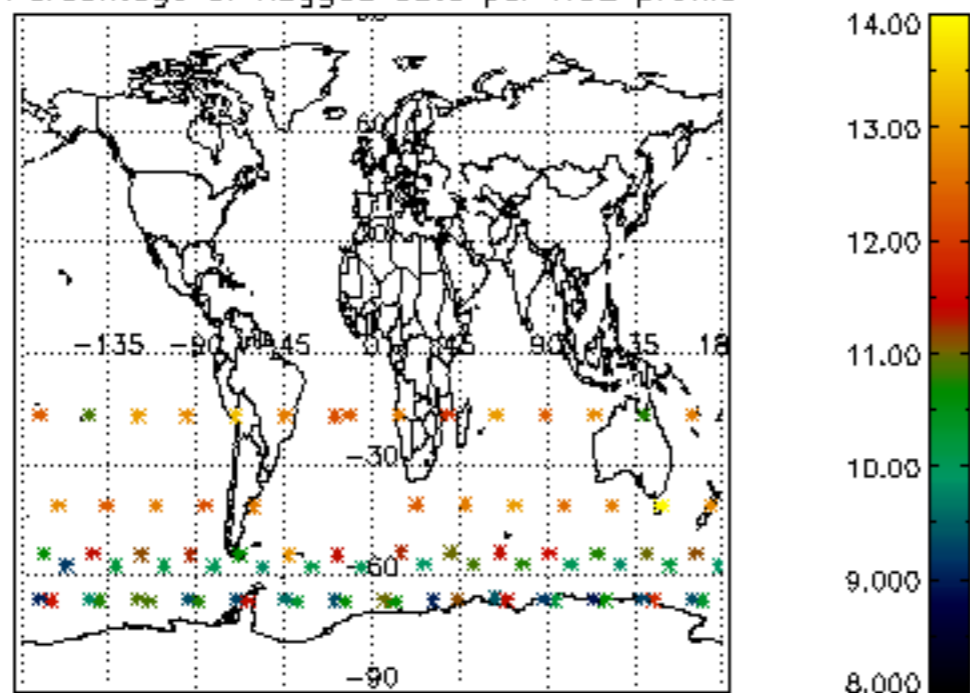
Percentage of flagged data per D3 profile



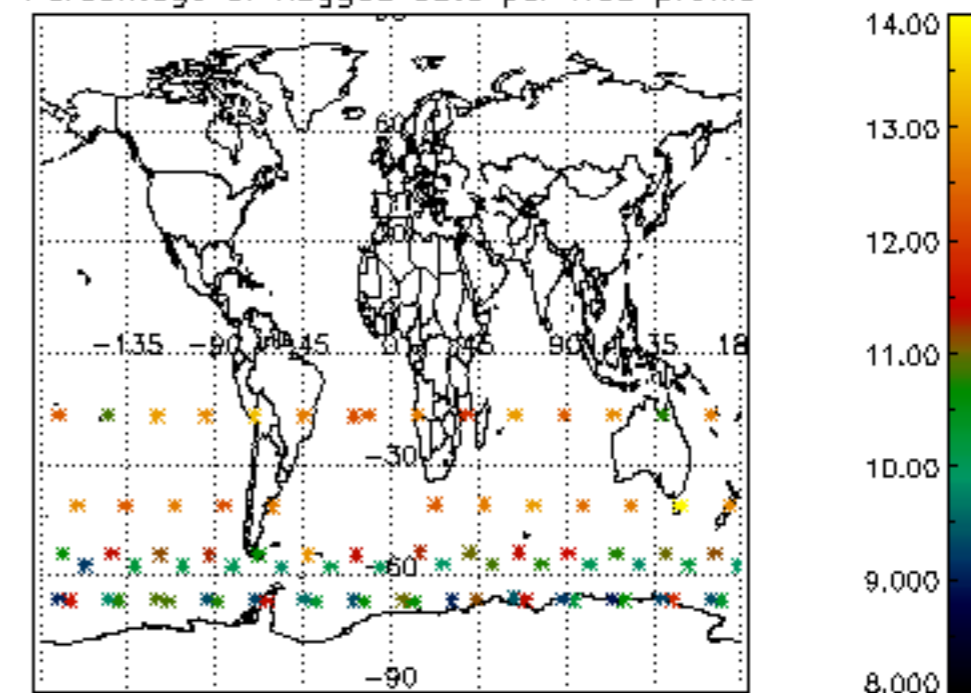
Percentage of flagged data per H2O profile

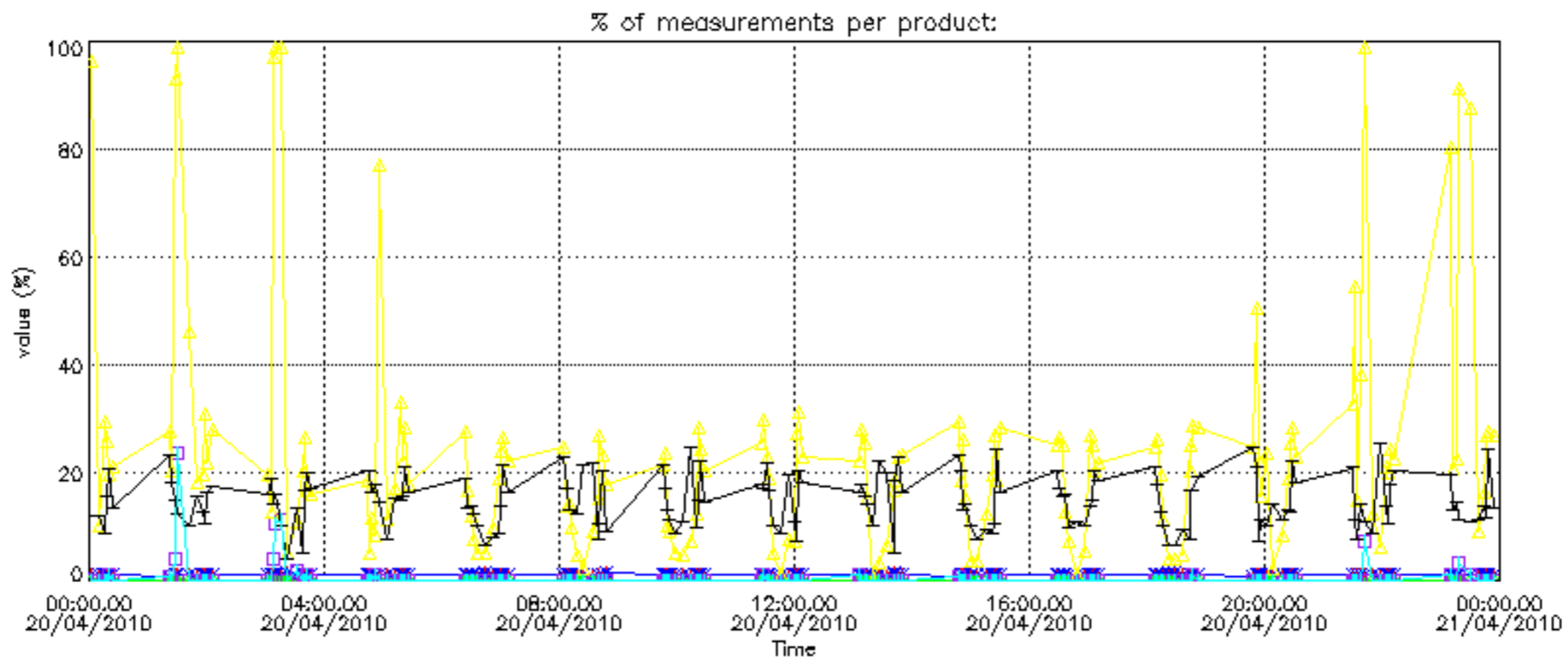


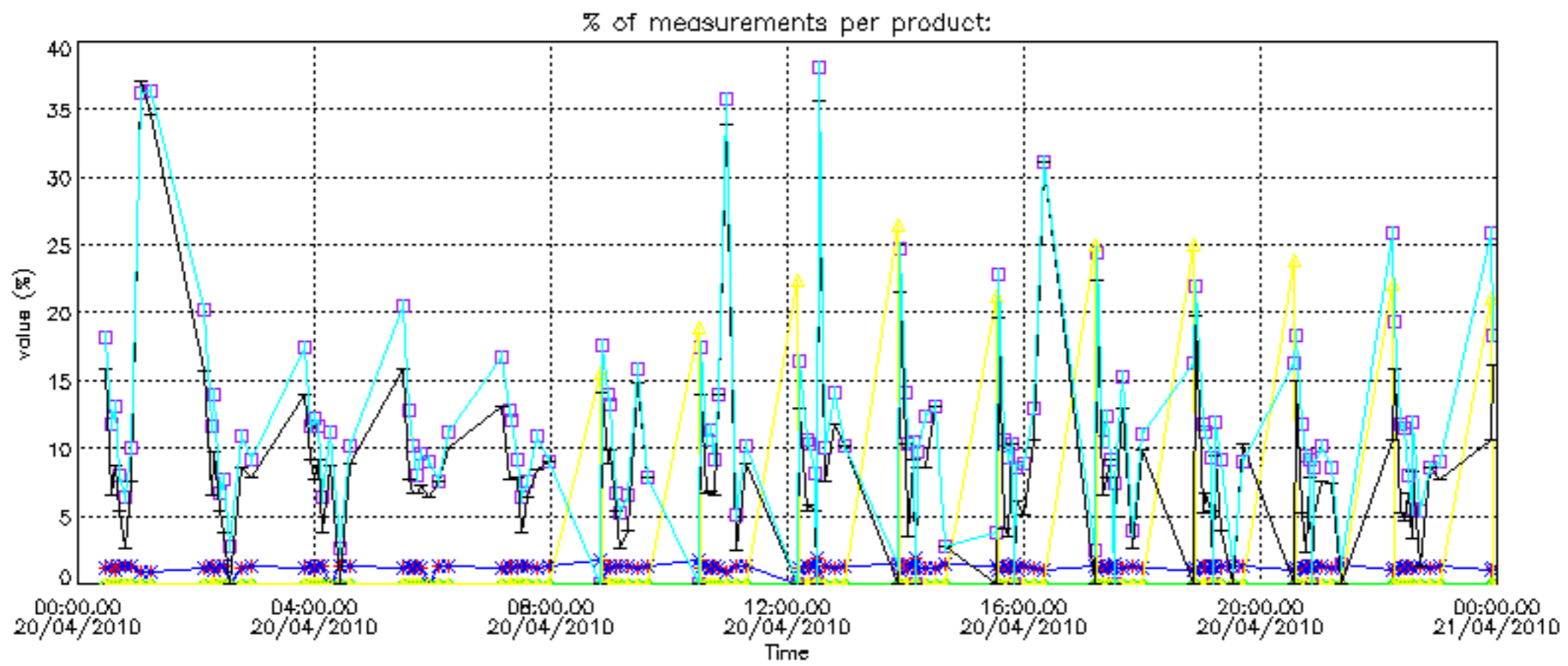
Percentage of flagged data per NO2 profile



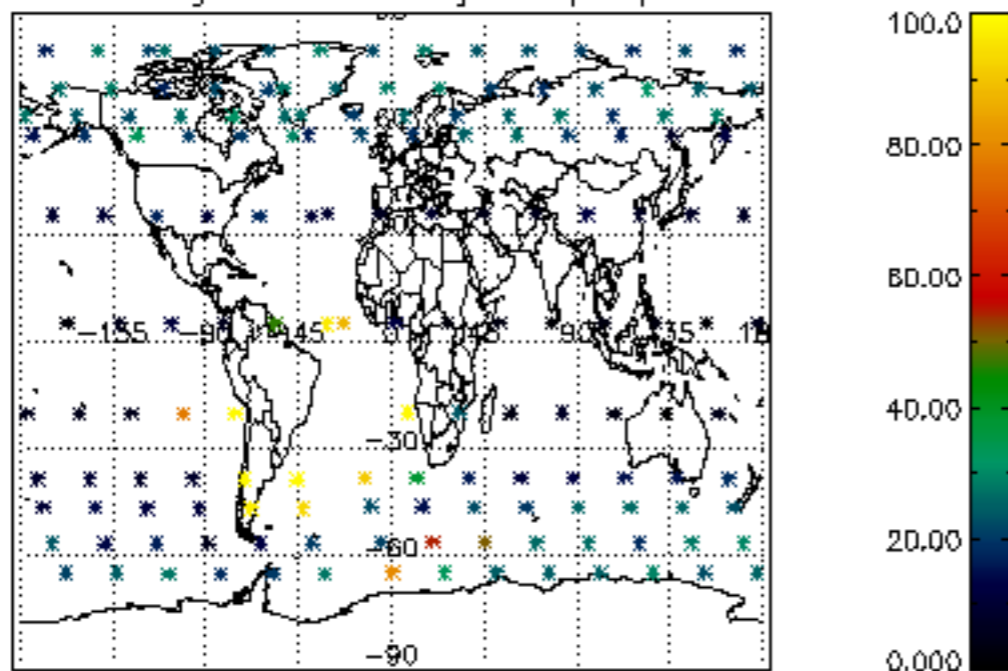
Percentage of flagged data per NO3 profile



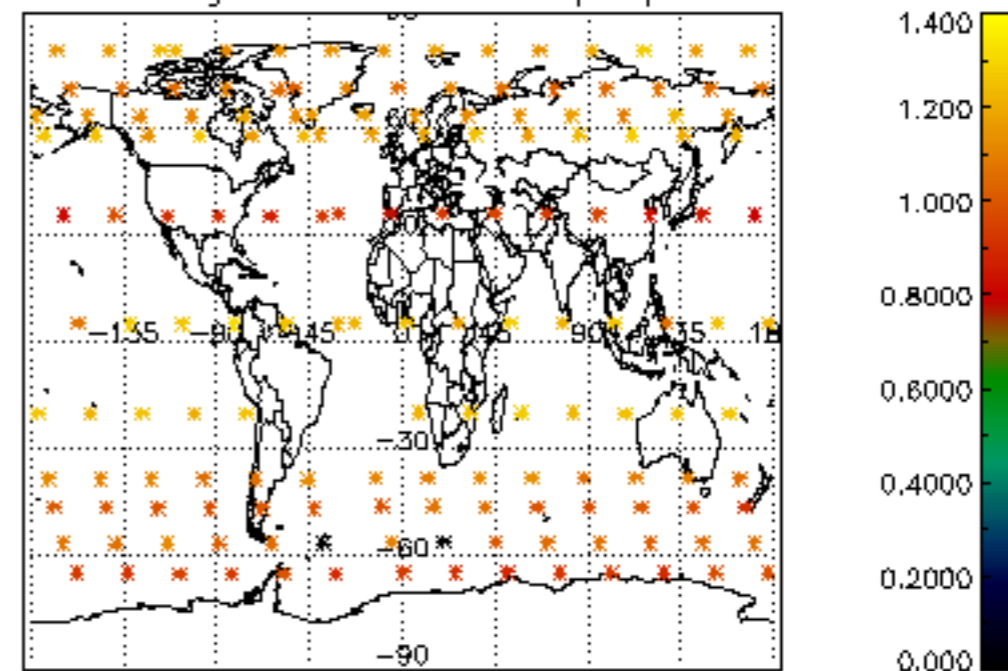




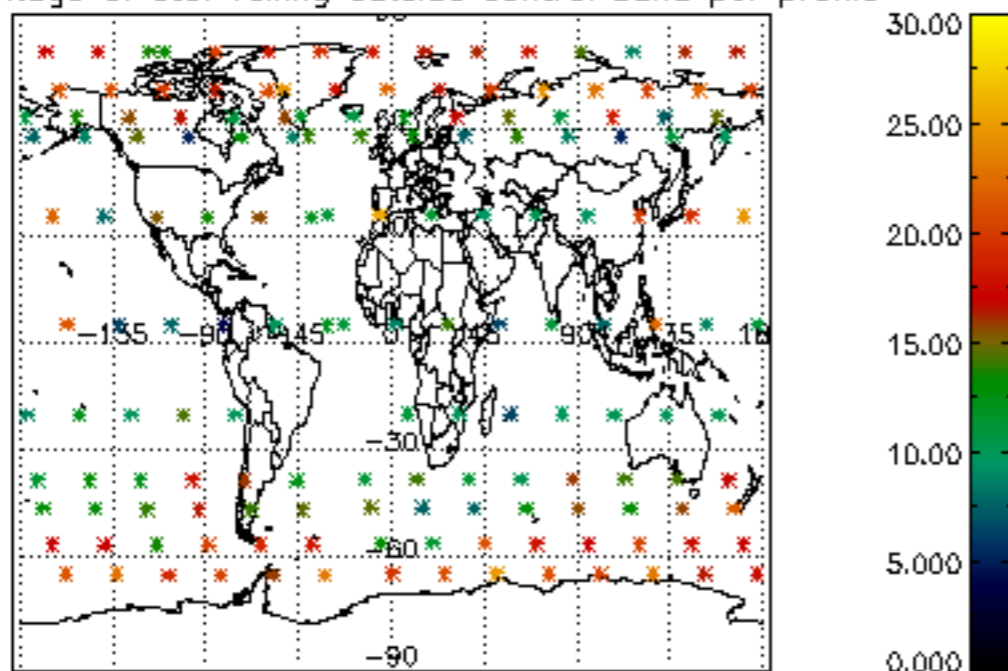
Percentage of cosmic ray hits per profile



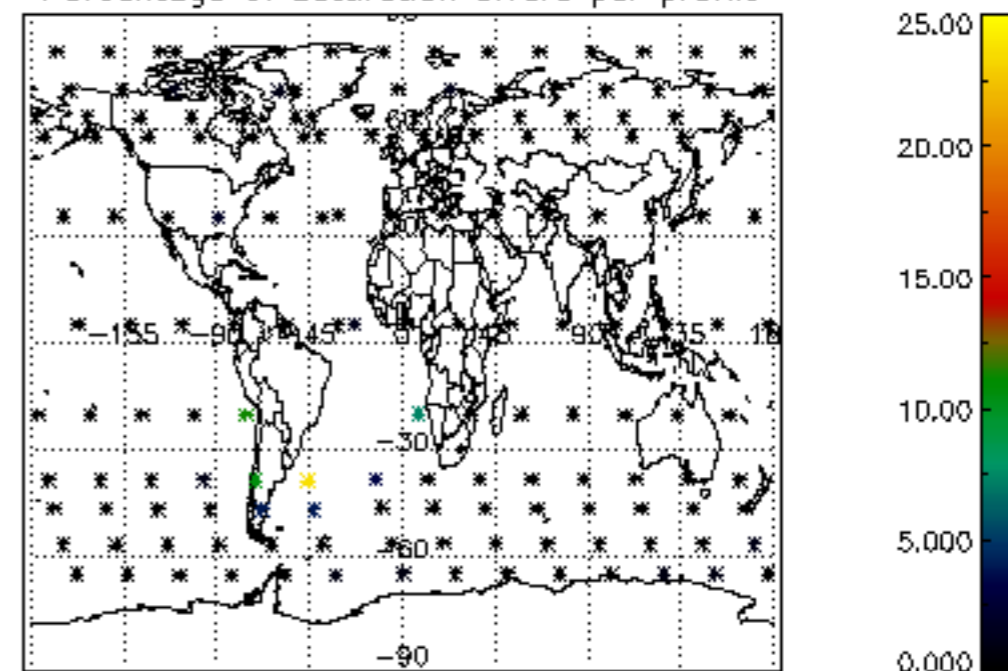
Percentage of datation errors per profile



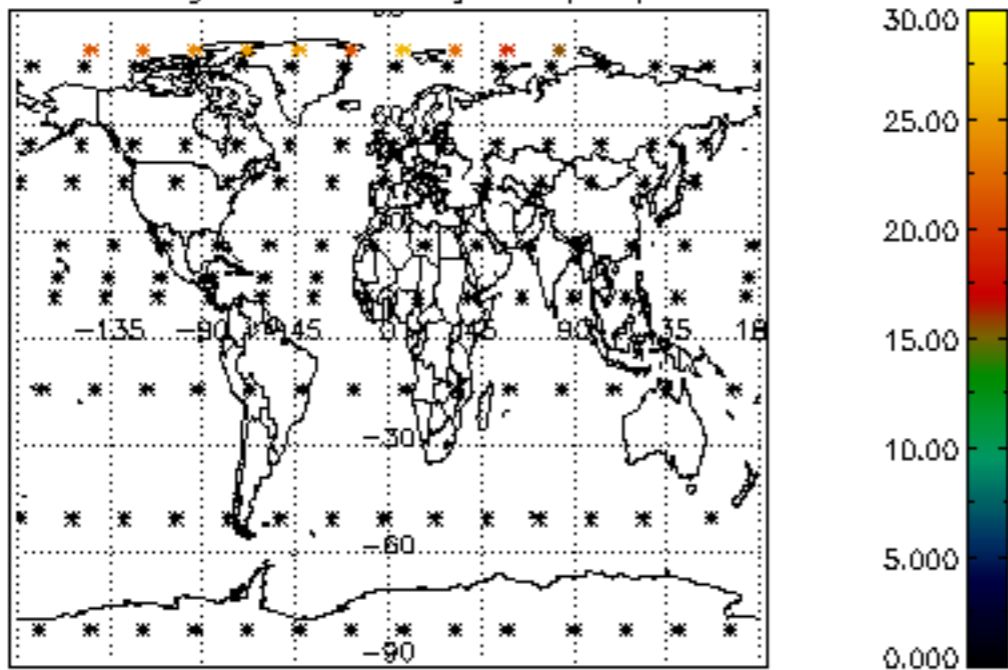
Percentage of star falling outside central band per profile



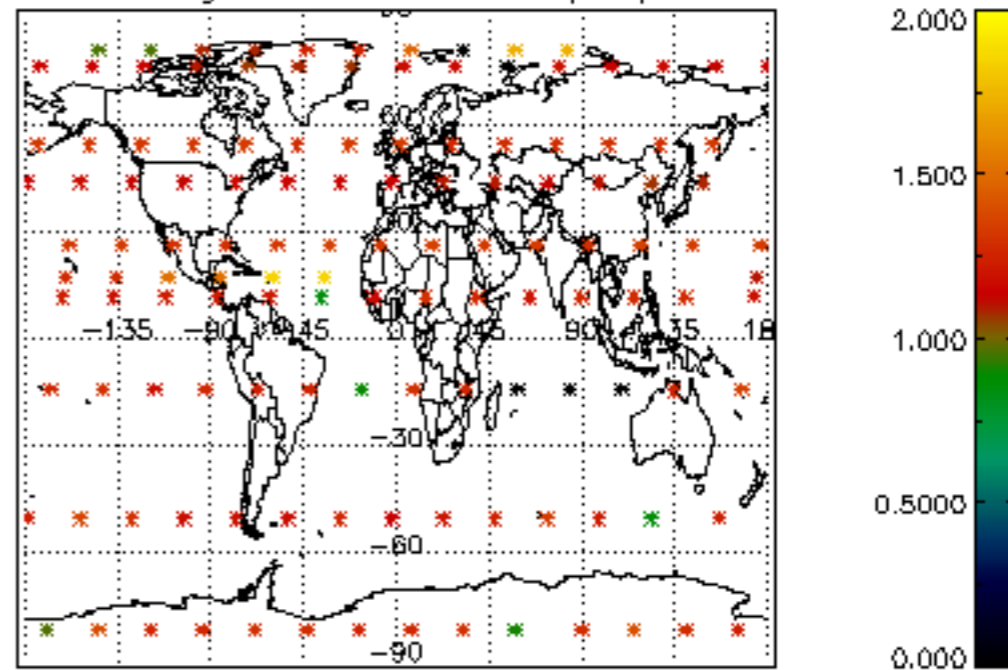
Percentage of saturation errors per profile



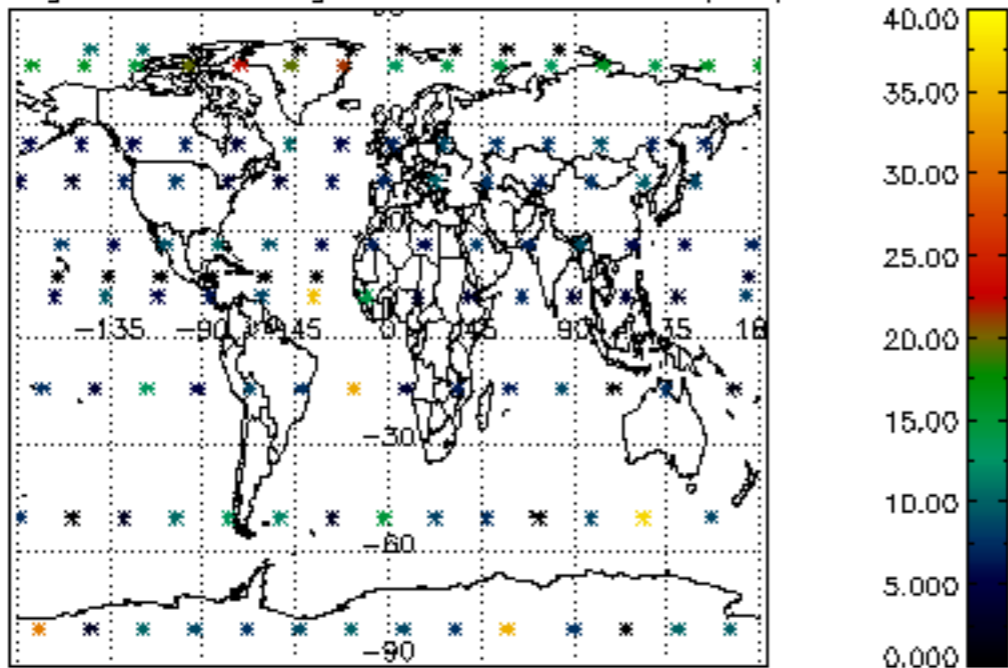
Percentage of cosmic ray hits per profile



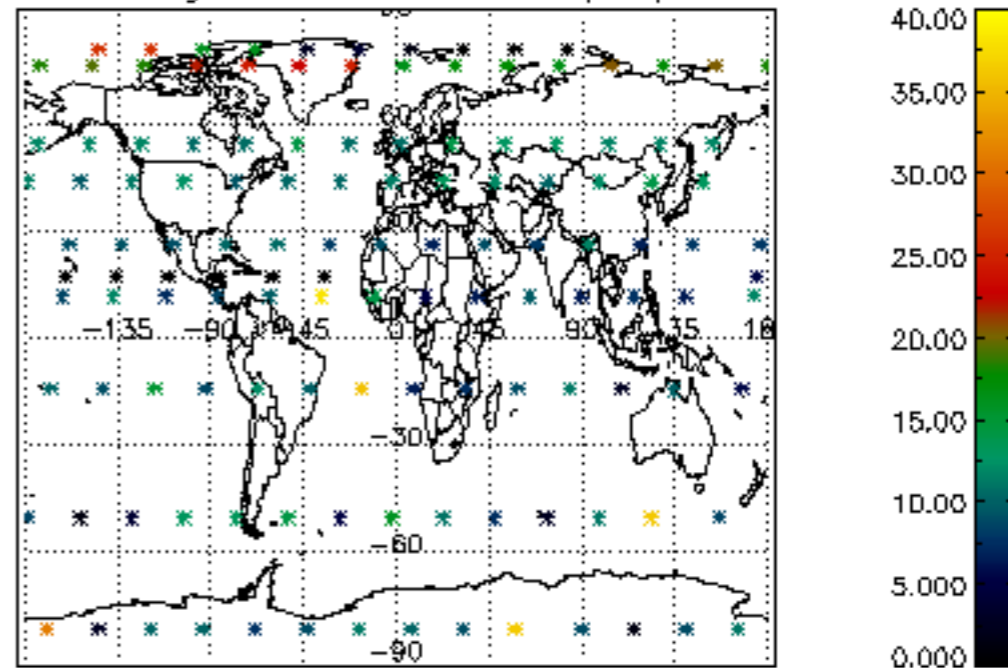
Percentage of datation errors per profile

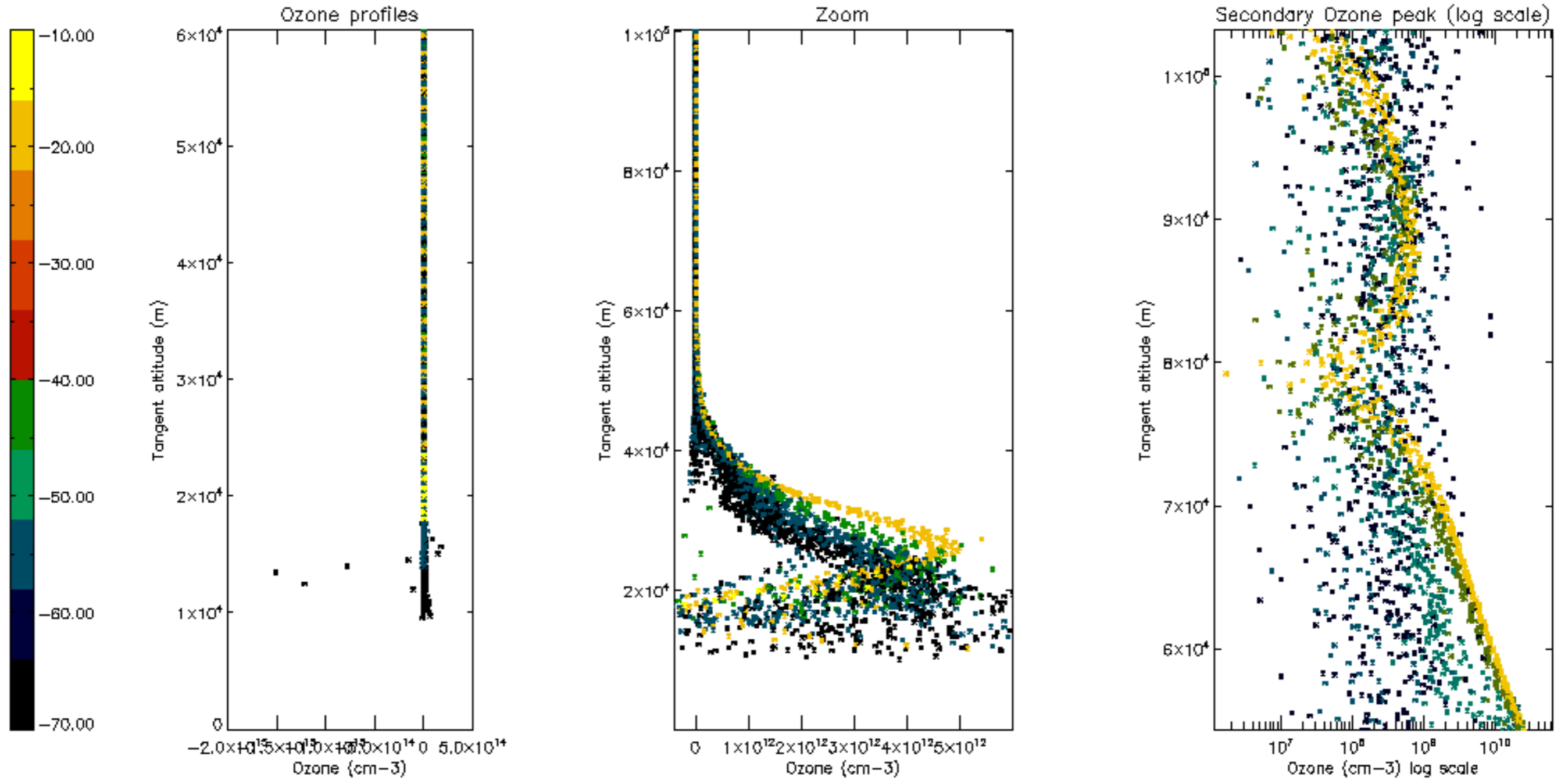


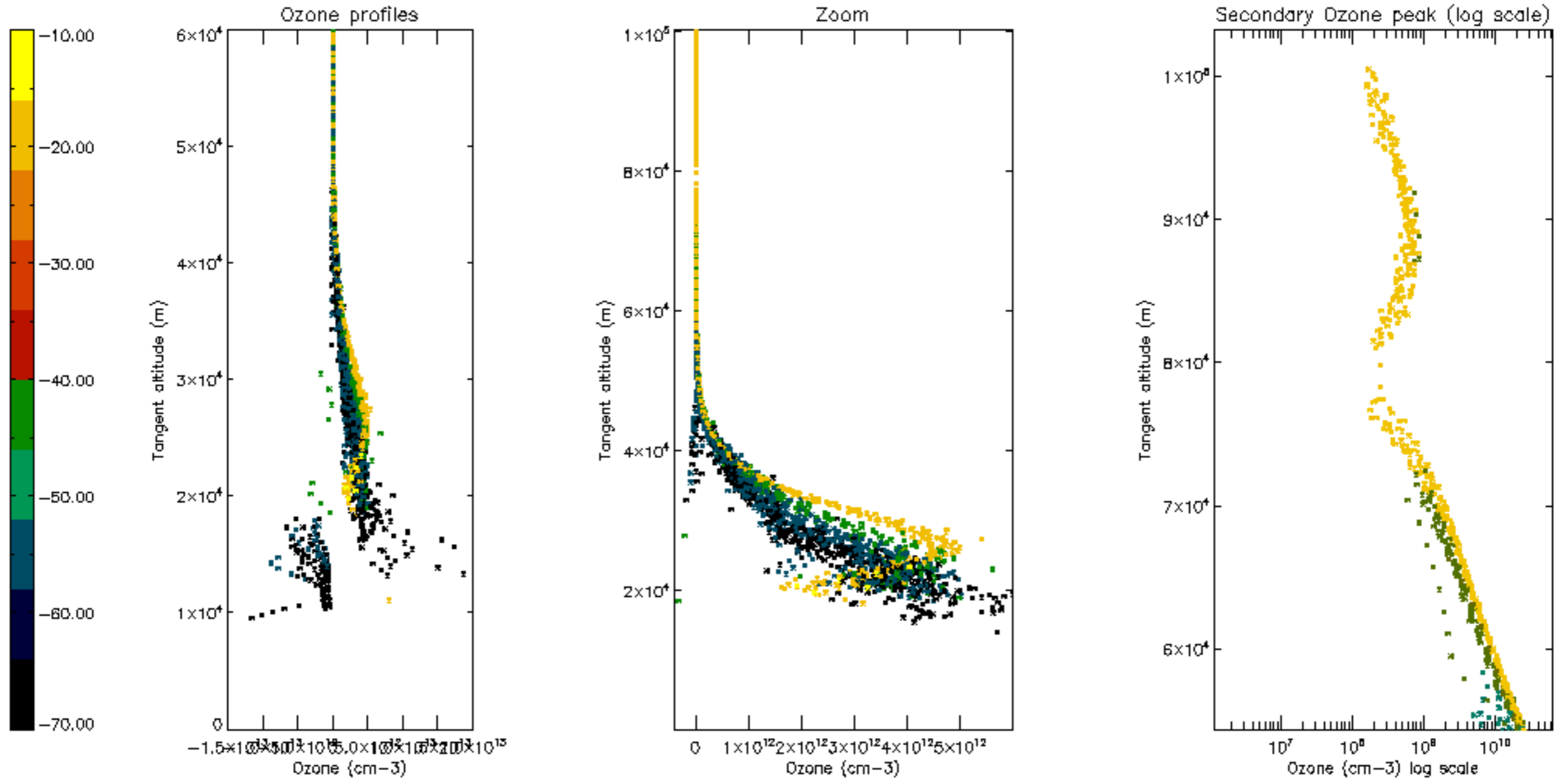
Percentage of star falling outside central band per profile

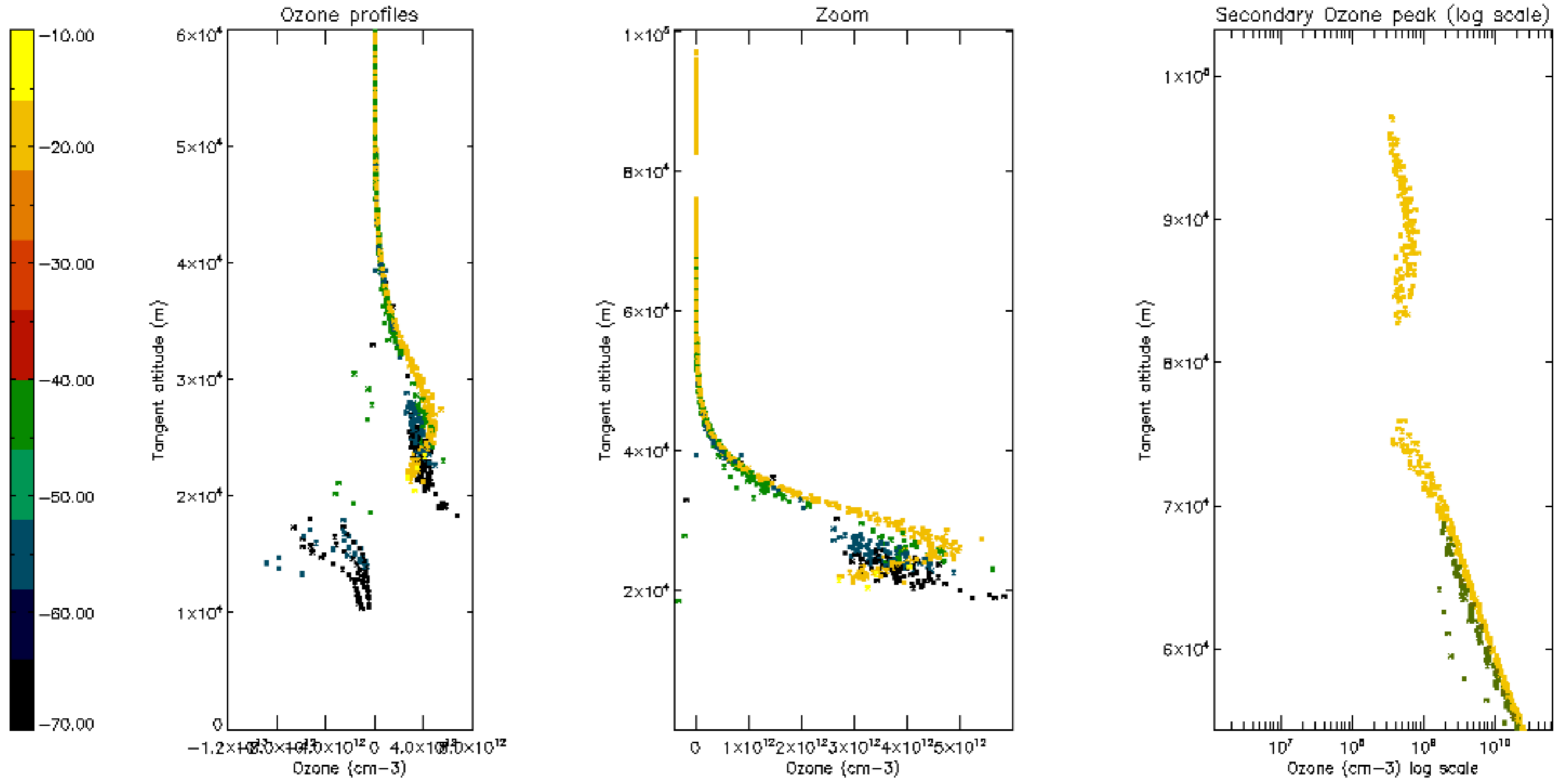


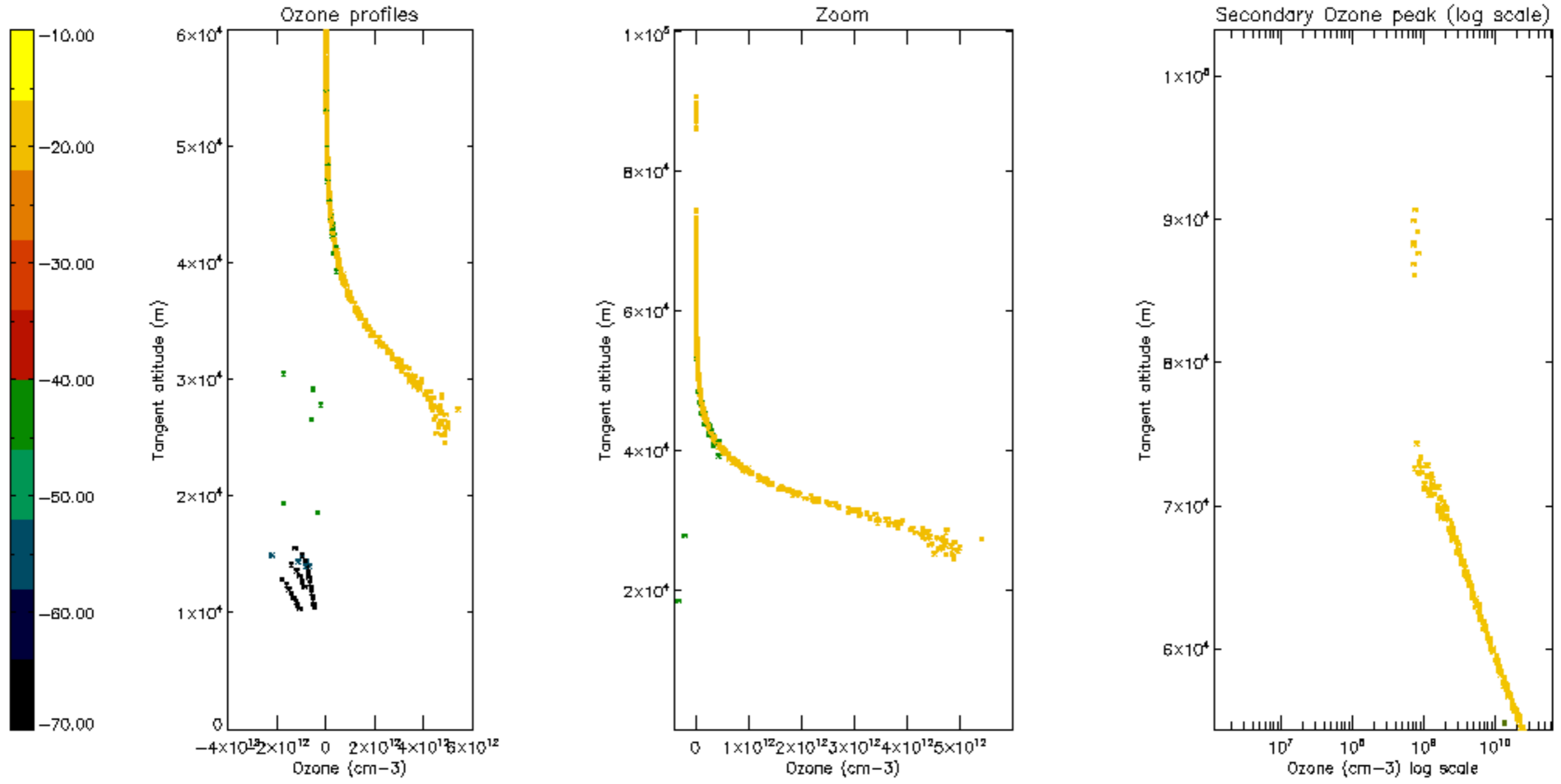
Percentage of saturation errors per profile

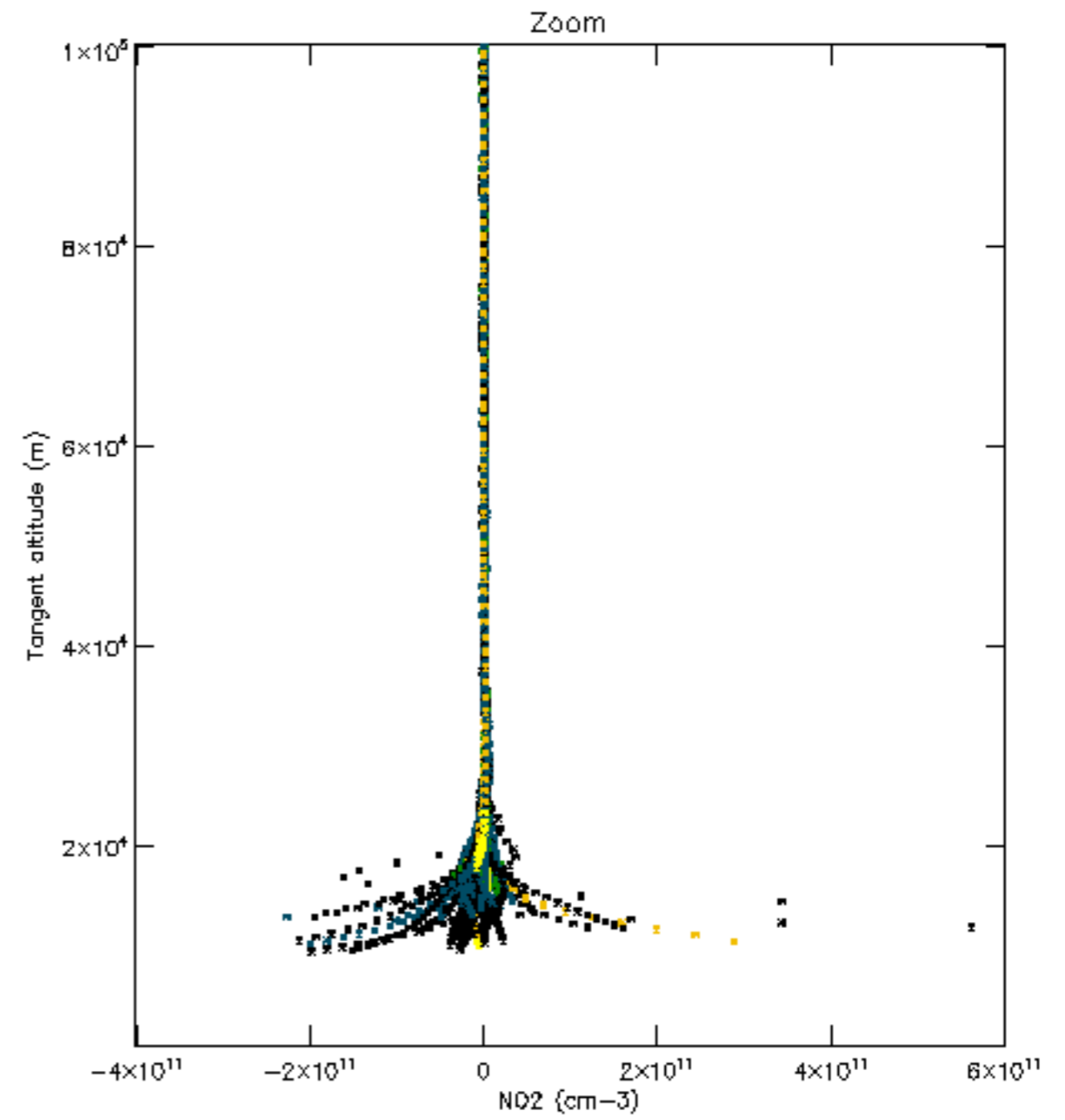
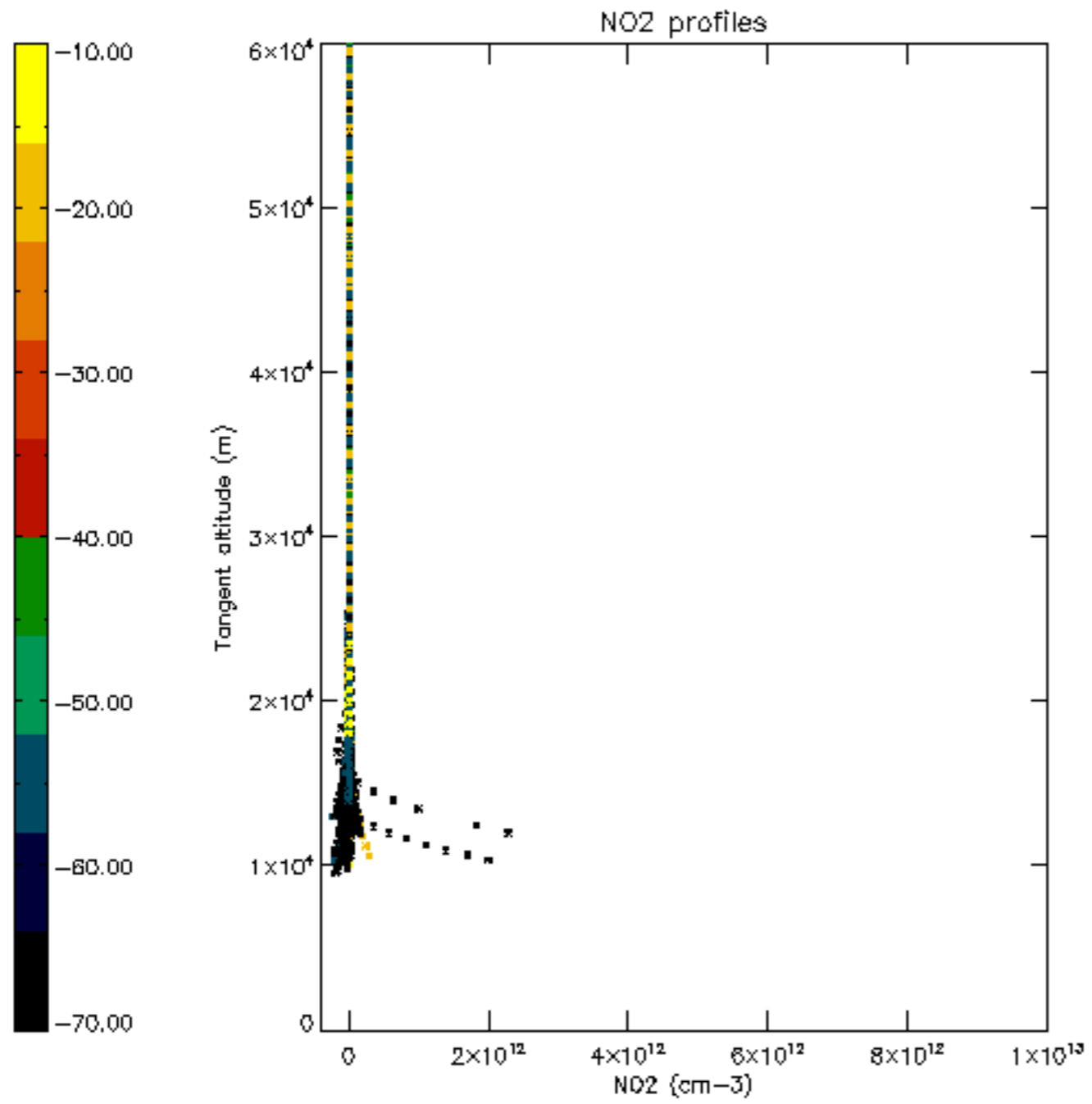


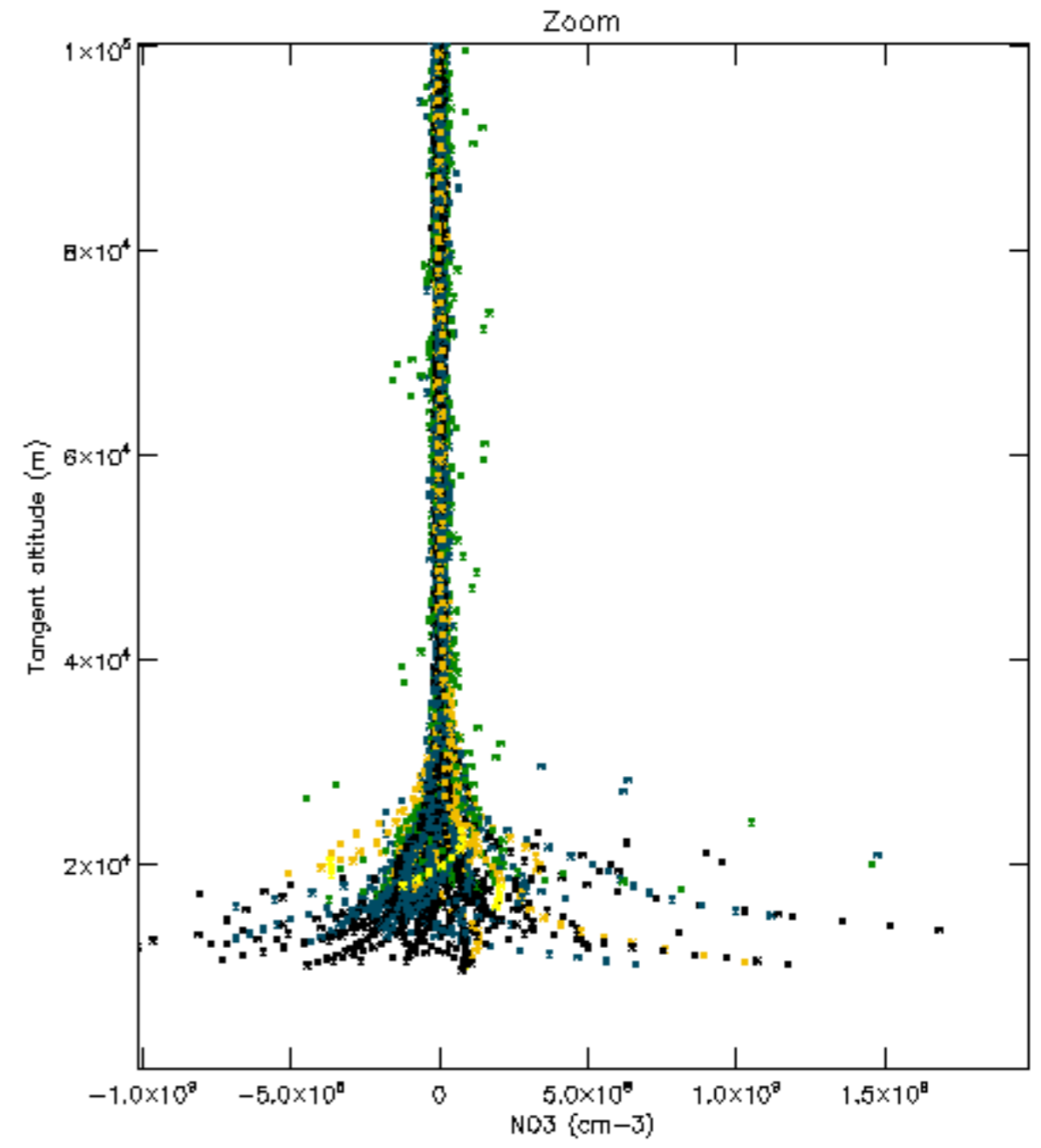
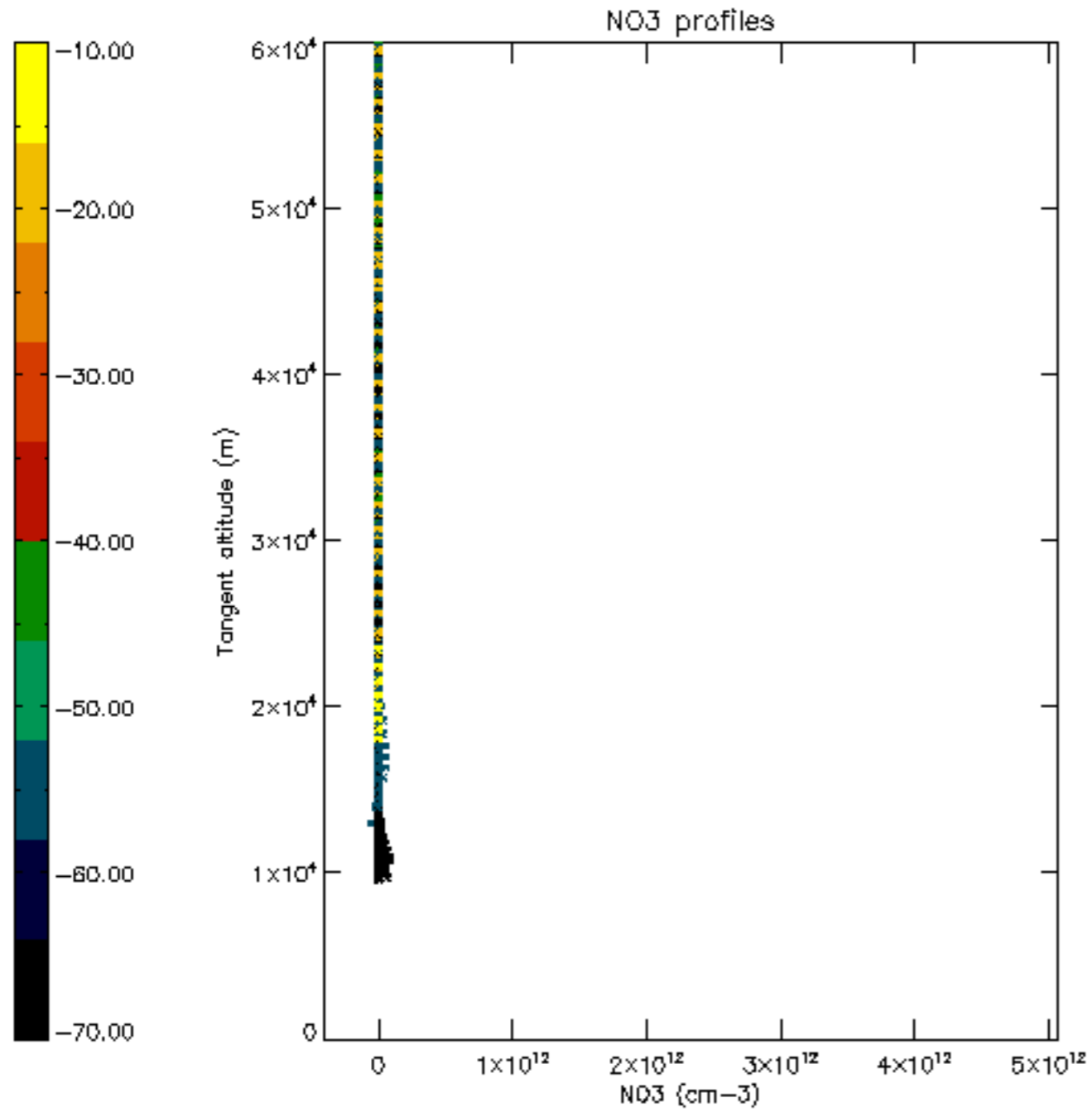


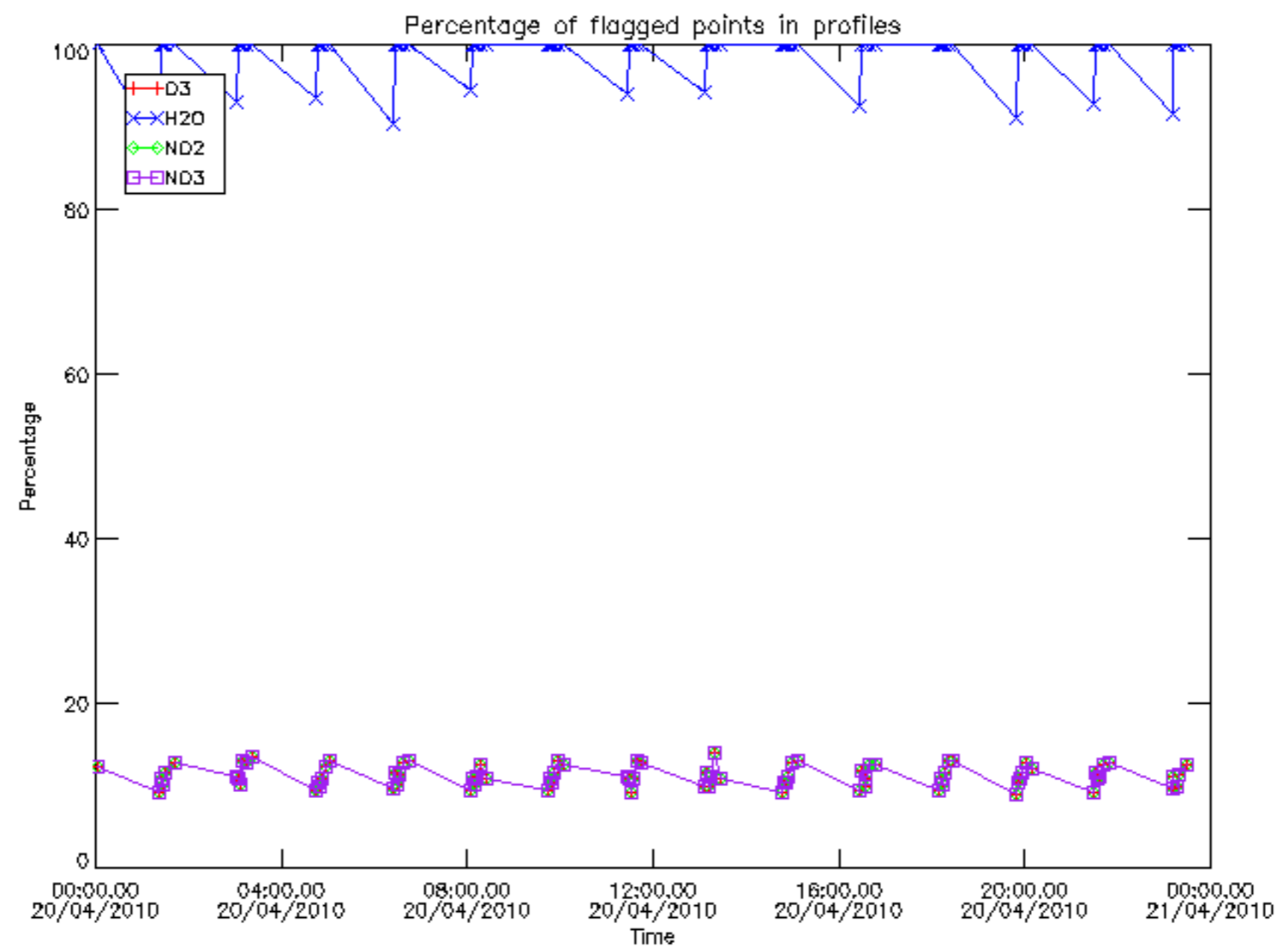




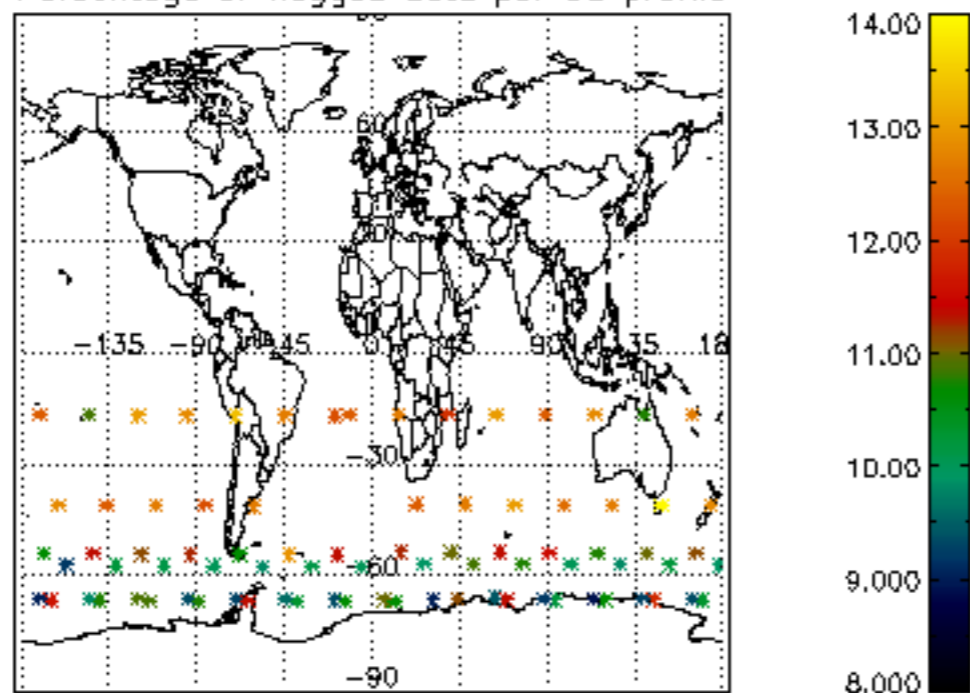




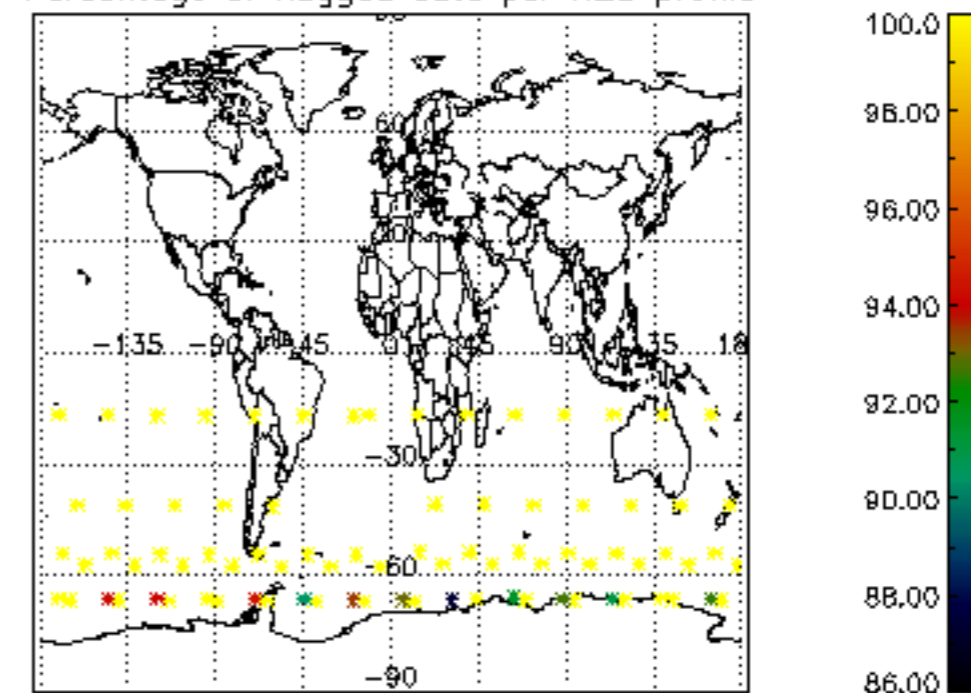




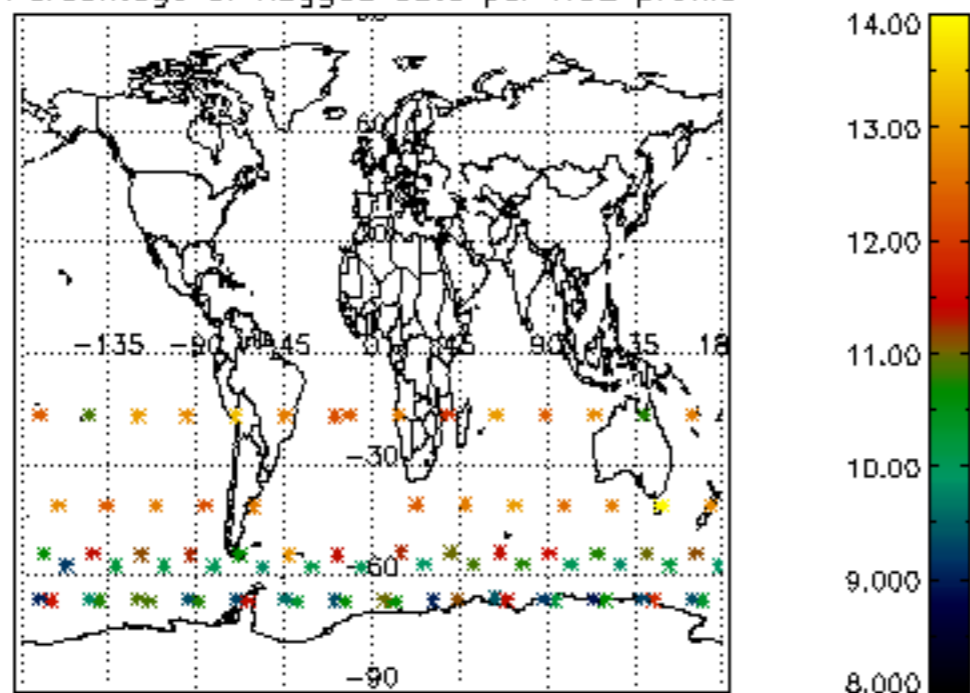
Percentage of flagged data per D3 profile



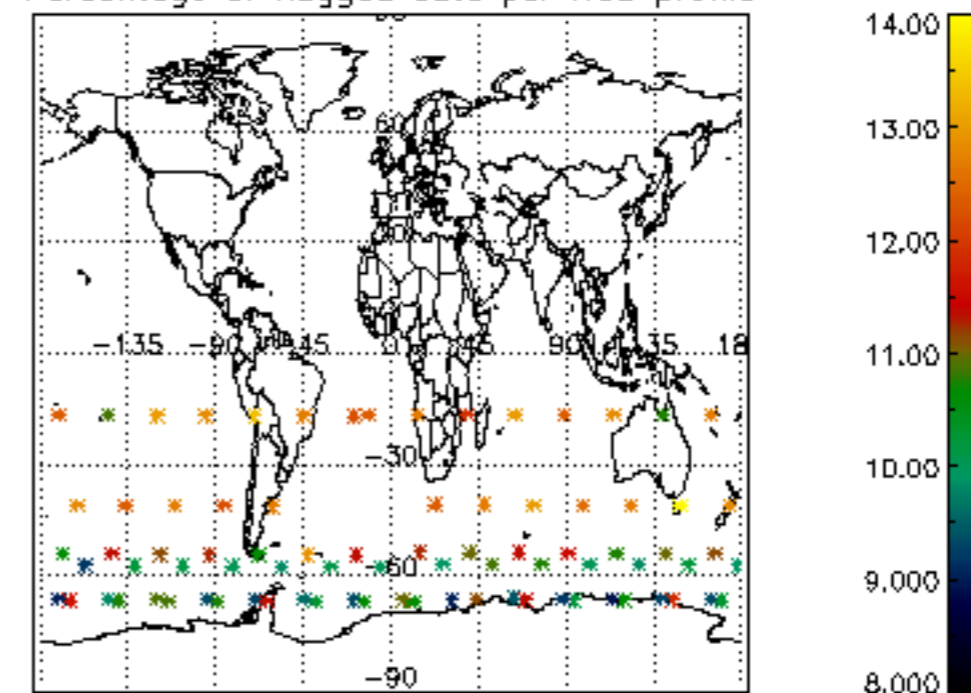
Percentage of flagged data per H2O profile

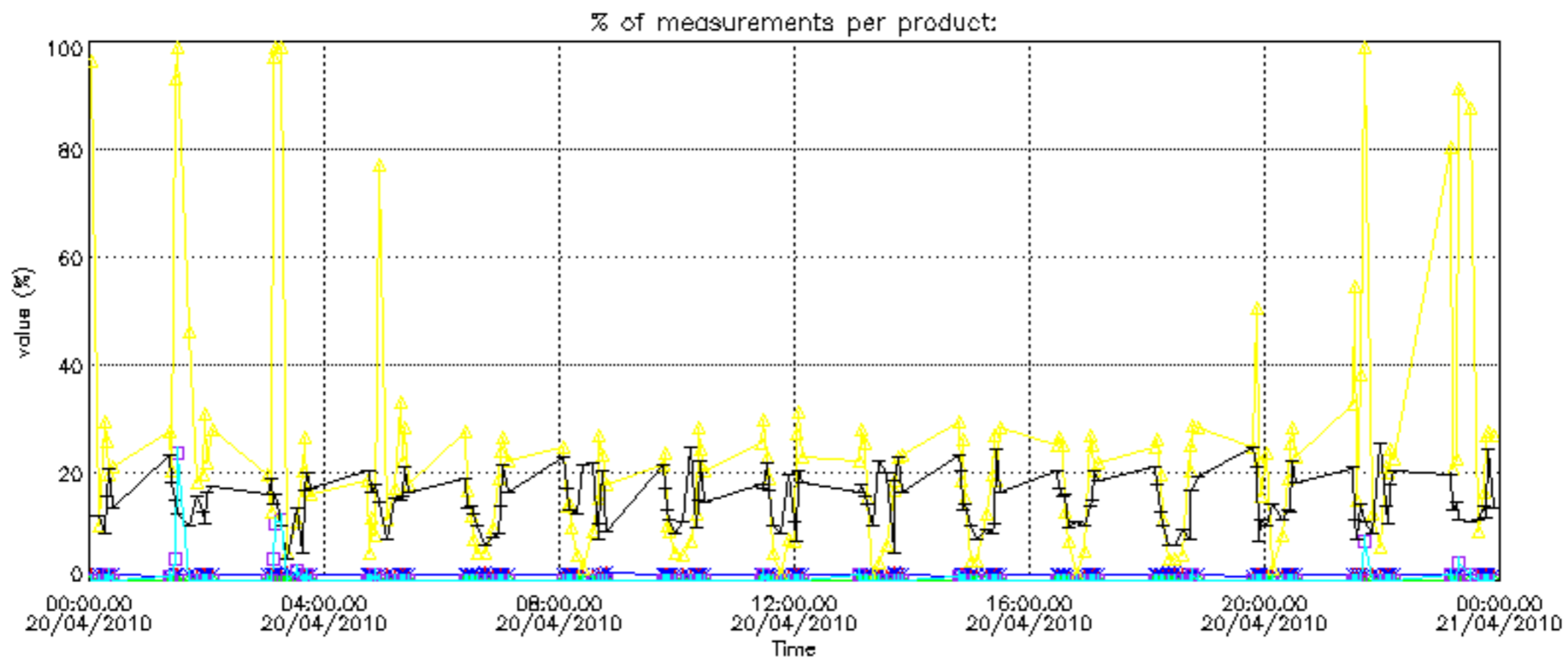


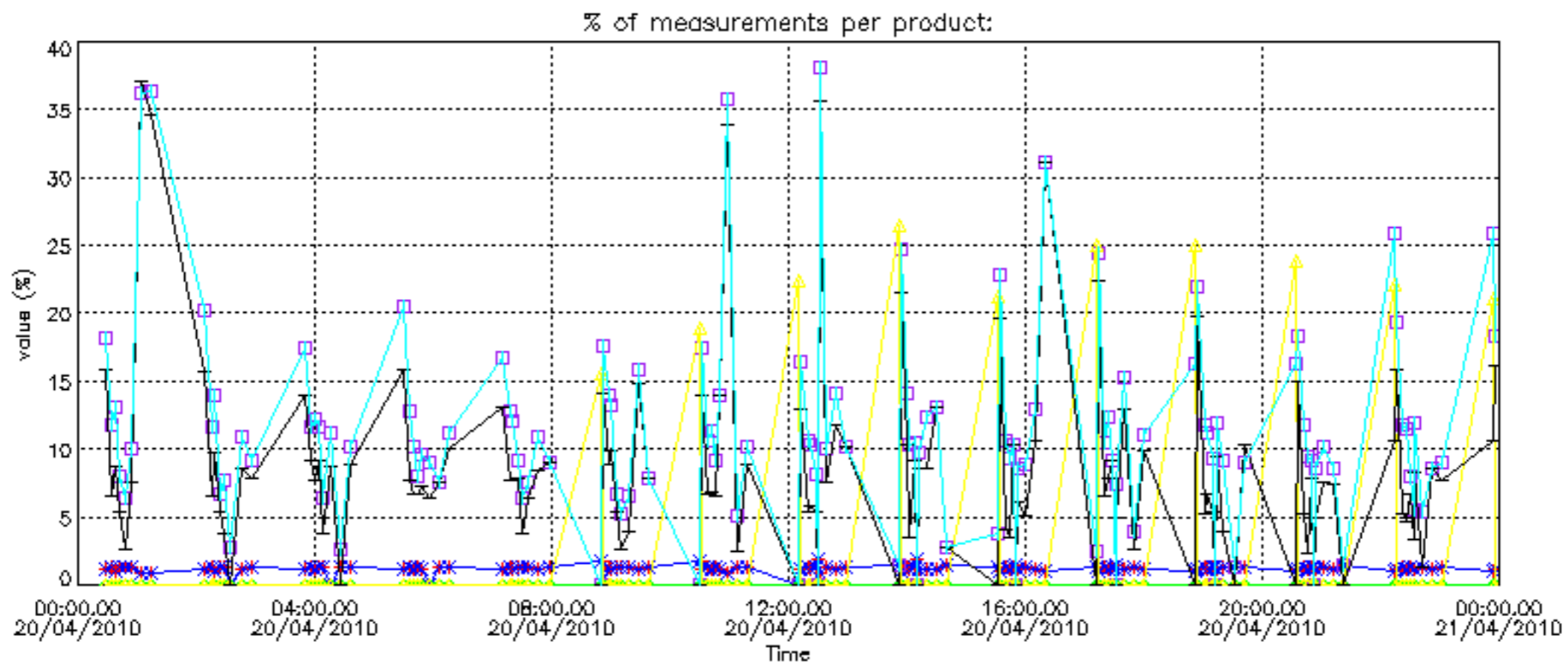
Percentage of flagged data per NO2 profile



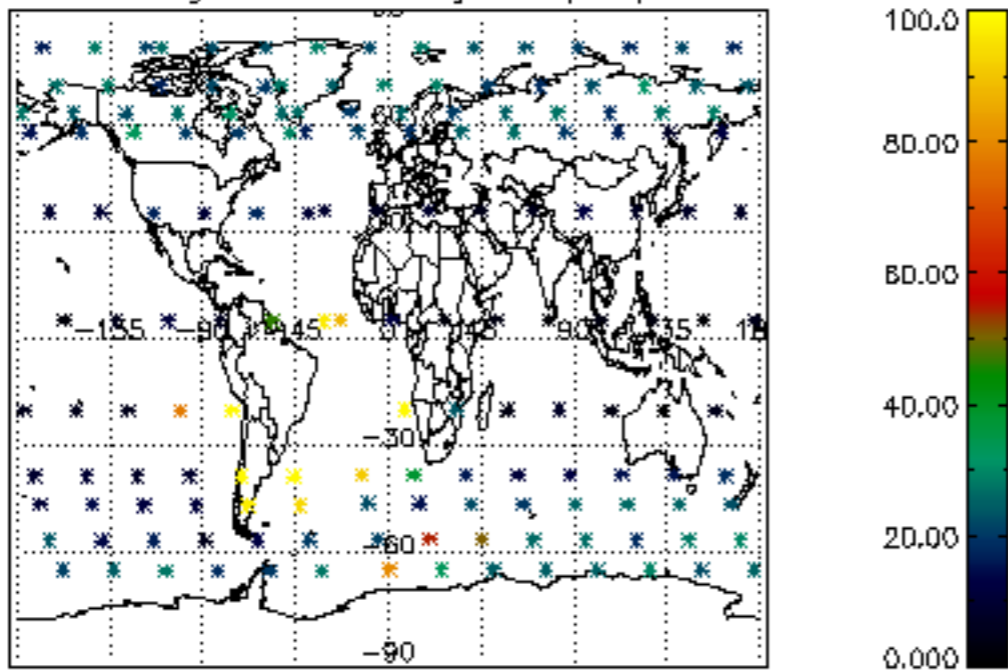
Percentage of flagged data per NO3 profile



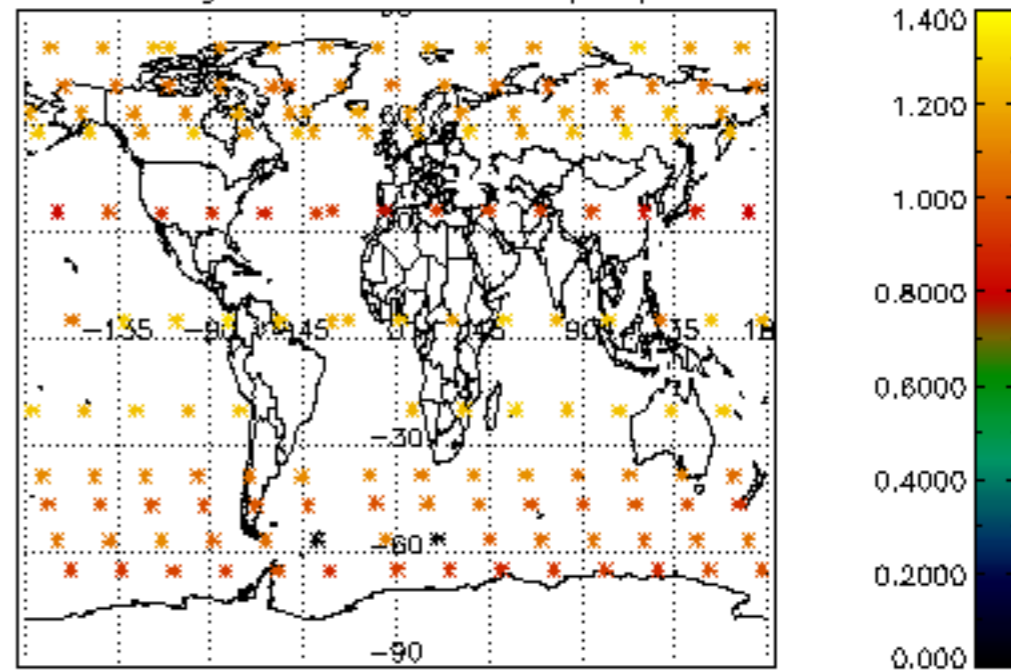




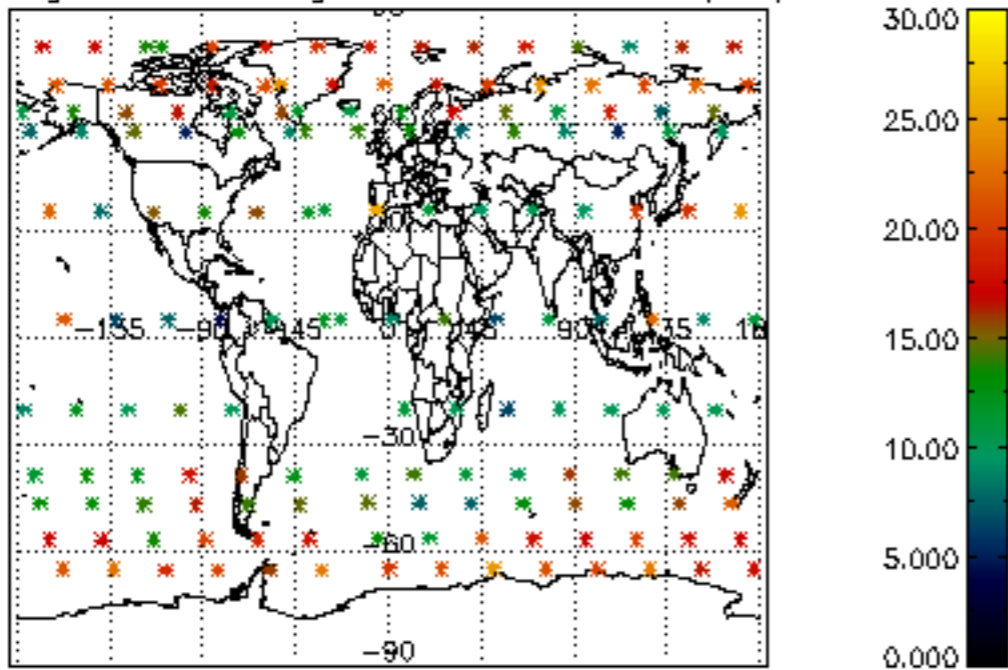
Percentage of cosmic ray hits per profile



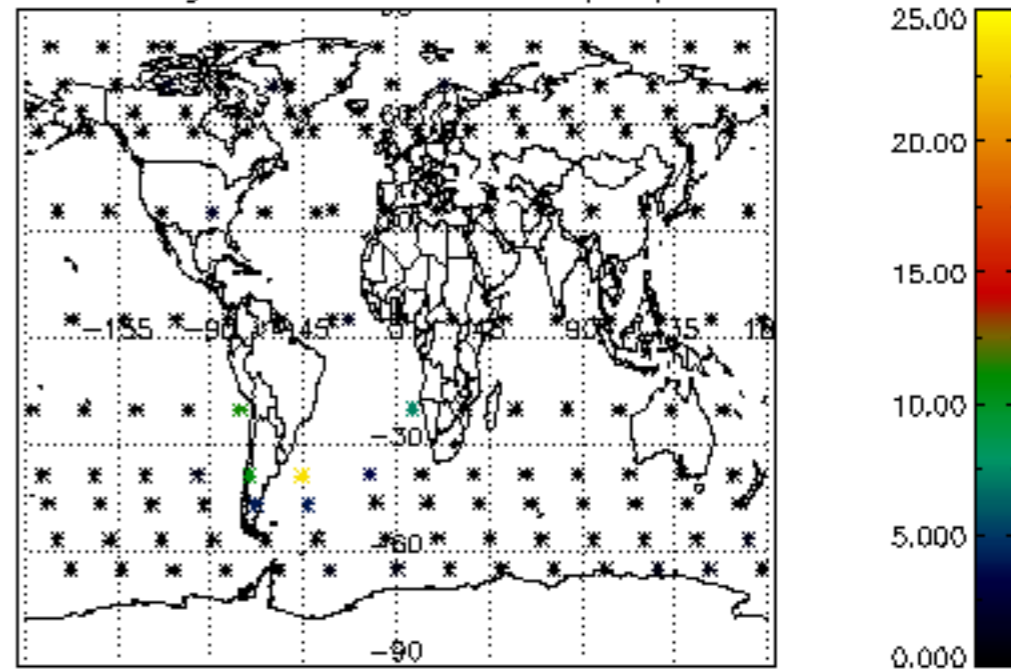
Percentage of datation errors per profile



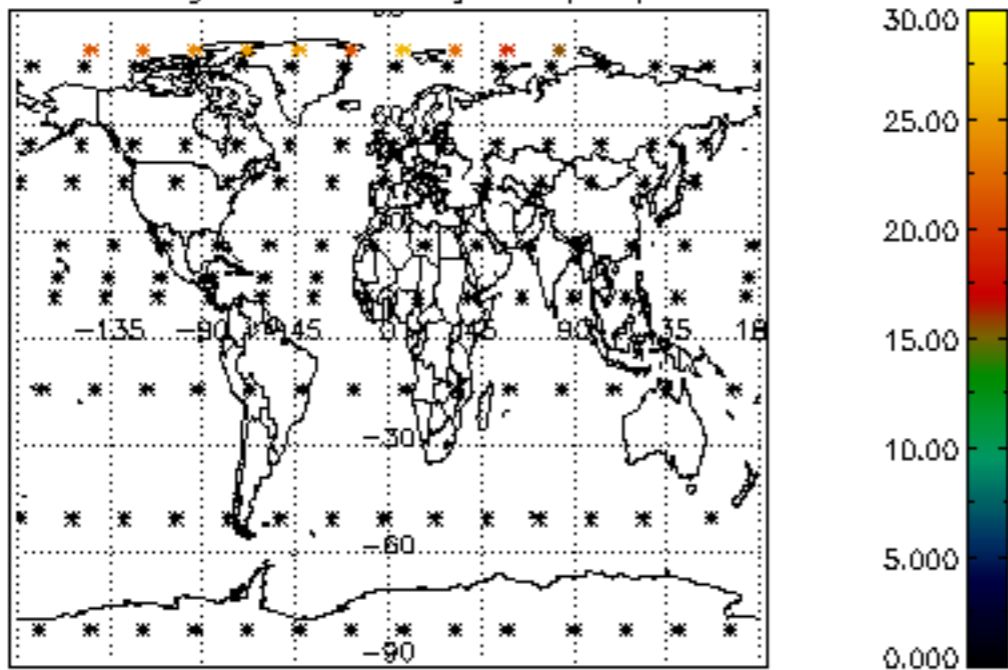
Percentage of star falling outside central band per profile



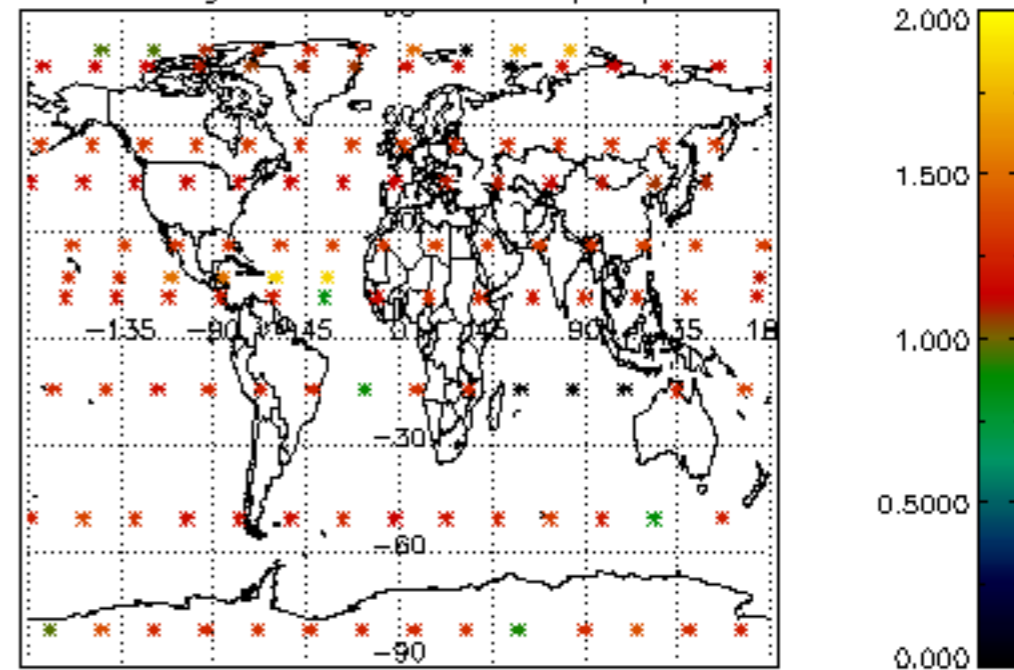
Percentage of saturation errors per profile



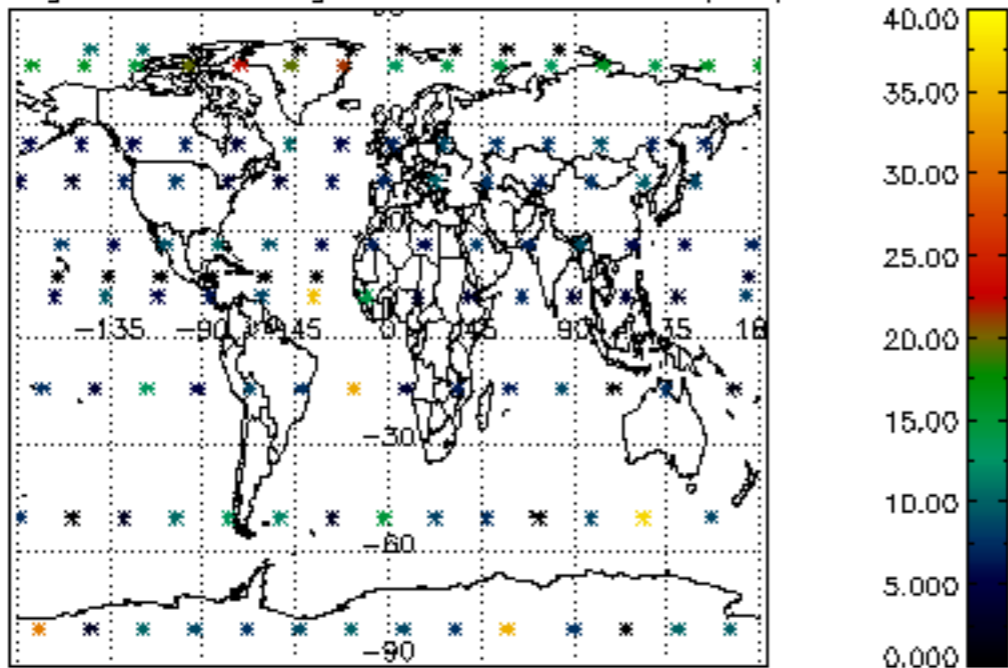
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

