

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 10:04:28
Data source version	GOMOS/6.01
Start time of products	25-04-2010 (25APR2010 00:00:00)
Stop time of products	26-04-2010 (26APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	297
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__2PRFIN20100425_000645_000000412088_00474_42612_6148.N1	25-APR-2010 00:06:45	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42612	No
2	GOM_NL__2PRFIN20100425_001727_000000422088_00474_42612_6149.N1	25-APR-2010 00:17:27	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	42612	No
3	GOM_NL__2PRFIN20100425_002141_000000452088_00474_42612_6150.N1	25-APR-2010 00:21:41	Twilight	44.500	90	54Alp Peg	2.4870	11000.	89	42612	No
4	GOM_NL__2PRFIN20100425_002521_000000602088_00474_42612_6151.N1	25-APR-2010 00:25:21	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	42612	No
5	GOM_NL__2PRFIN20100425_002748_000000502088_00474_42612_6152.N1	25-APR-2010 00:27:48	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42612	No
6	GOM_NL__2PRFIN20100425_003059_000000552088_00474_42612_6153.N1	25-APR-2010 00:30:59	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42612	No
7	GOM_NL__2PRFIN20100425_004514_000000422088_00475_42613_6142.N1	25-APR-2010 00:45:14	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42613	No
8	GOM_NL__2PRFIN20100425_005248_000000422088_00475_42613_6143.N1	25-APR-2010 00:52:48	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	42613	No
9	GOM_NL__2PRFIN20100425_005414_000000542088_00475_42613_6144.N1	25-APR-2010 00:54:14	Straylight	54.000	40	The Sco	1.8590	7100.0	108	42613	No
10	GOM_NL__2PRFIN20100425_005956_000000422088_00475_42613_6145.N1	25-APR-2010 00:59:56	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42613	No
11	GOM_NL__2PRFIN20100425_010129_000000422088_00475_42613_6146.N1	25-APR-2010 01:01:29	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42613	No
12	GOM_NL__2PRFIN20100425_010341_000000492088_00475_42613_6147.N1	25-APR-2010 01:03:41	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42613	No
13	GOM_NL__2PRFIN20100425_010930_000000512088_00475_42613_6148.N1	25-APR-2010 01:09:30	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42613	No
14	GOM_NL__2PRFIN20100425_011131_000000422088_00475_42613_6149.N1	25-APR-2010 01:11:31	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42613	No
15	GOM_NL__2PRFIN20100425_011802_000000372088_00475_42613_6150.N1	25-APR-2010 01:18:02	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42613	No
16	GOM_NL__2PRFIN20100425_012042_000000442088_00475_42613_6151.N1	25-APR-2010 01:20:42	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42613	No
17	GOM_NL__2PRFIN20100425_012553_000000372088_00475_42613_6152.N1	25-APR-2010 01:25:53	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42613	No
18	GOM_NL__2PRFIN20100425_012752_000000442088_00475_42613_6153.N1	25-APR-2010 01:27:52	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	42613	No
19	GOM_NL__2PRFIN20100425_012944_000000402088_00475_42613_6154.N1	25-APR-2010 01:29:44	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42613	No
20	GOM_NL__2PRFIN20100425_013707_000000512088_00475_42613_6155.N1	25-APR-2010 01:37:07	Bright	50.500	60	7Bet UMi	2.0810	3950.0	101	42613	No
21	GOM_NL__2PRFIN20100425_014721_000000412088_00475_42613_6156.N1	25-APR-2010 01:47:21	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42613	No
22	GOM_NL__2PRFIN20100425_015803_000000412088_00475_42613_6157.N1	25-APR-2010 01:58:03	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	42613	No
23	GOM_NL__2PRFIN20100425_020217_000000452088_00475_42613_6158.N1	25-APR-2010 02:02:17	Twilight	44.500	90	54Alp Peg	2.4870	11000.	89	42613	No
24	GOM_NL__2PRFIN20100425_020557_000000612088_00475_42613_6159.N1	25-APR-2010 02:05:57	Dark	60.500	61	8Eps Peg	2.1000	3900.0	121	42613	No
25	GOM_NL__2PRFIN20100425_020825_000000492088_00475_42613_6160.N1	25-APR-2010 02:08:25	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42613	No
26	GOM_NL__2PRFIN20100425_021136_000000572088_00475_42613_6161.N1	25-APR-2010 02:11:36	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	42613	No
27	GOM_NL__2PRFIN20100425_022551_000000412088_00476_42614_6150.N1	25-APR-2010 02:25:51	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42614	No
28	GOM_NL__2PRFIN20100425_023324_000000452088_00476_42614_6151.N1	25-APR-2010 02:33:24	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	42614	No
29	GOM_NL__2PRFIN20100425_023450_000000532088_00476_42614_6152.N1	25-APR-2010 02:34:50	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42614	No
30	GOM_NL__2PRFIN20100425_024032_000000392088_00476_42614_6153.N1	25-APR-2010 02:40:32	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	42614	No
31	GOM_NL__2PRFIN20100425_024206_000000432088_00476_42614_6154.N1	25-APR-2010 02:42:06	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42614	No
32	GOM_NL__2PRFIN20100425_024417_000000462088_00476_42614_6155.N1	25-APR-2010 02:44:17	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42614	No
33	GOM_NL__2PRFIN20100425_025006_000000502088_00476_42614_6156.N1	25-APR-2010 02:50:06	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42614	No
34	GOM_NL__2PRFIN20100425_025207_000000412088_00476_42614_6157.N1	25-APR-2010 02:52:07	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42614	No
35	GOM_NL__2PRFIN20100425_025837_000000372088_00476_42614_6158.N1	25-APR-2010 02:58:37	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42614	No
36	GOM_NL__2PRFIN20100425_030117_000000402088_00476_42614_6159.N1	25-APR-2010 03:01:17	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	42614	No
37	GOM_NL__2PRFIN20100425_030629_000000362088_00476_42614_6160.N1	25-APR-2010 03:06:29	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	42614	No
38	GOM_NL__2PRFIN20100425_030827_000000432088_00476_42614_6161.N1	25-APR-2010 03:08:27	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	42614	No
39	GOM_NL__2PRFIN20100425_031019_000000402088_00476_42614_6162.N1	25-APR-2010 03:10:19	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42614	No
40	GOM_NL__2PRFIN20100425_031743_000000412088_00476_42614_6163.N1	25-APR-2010 03:17:43	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42614	No
41	GOM_NL__2PRFIN20100425_032756_000000432088_00476_42614_6164.N1	25-APR-2010 03:27:56	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42614	No
42	GOM_NL__2PRFIN20100425_033839_000000432088_00476_42614_6165.N1	25-APR-2010 03:38:39	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	42614	No

43	GOM_NL__2PRFIN20100425_034253_000000422088_00476_42614_6166.N1	25-APR-2010 03:42:53	Twilight	42.000	90	54Alp Peg	2.4870	11000.	84	42614	No
44	GOM_NL__2PRFIN20100425_034634_000000582088_00476_42614_6167.N1	25-APR-2010 03:46:34	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	42614	No
45	GOM_NL__2PRFIN20100425_034901_000000462088_00476_42614_6168.N1	25-APR-2010 03:49:01	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42614	No
46	GOM_NL__2PRFIN20100425_035923_000000422088_00476_42614_6169.N1	25-APR-2010 03:59:23	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42614	No
47	GOM_NL__2PRFIN20100425_040627_000000422088_00477_42615_6158.N1	25-APR-2010 04:06:27	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42615	No
48	GOM_NL__2PRFIN20100425_041401_000000452088_00477_42615_6159.N1	25-APR-2010 04:14:01	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	42615	No
49	GOM_NL__2PRFIN20100425_041528_000000602088_00477_42615_6160.N1	25-APR-2010 04:15:28	Straylight	60.000	40	The Sco	1.8590	7100.0	120	42615	No
50	GOM_NL__2PRFIN20100425_042108_000000412088_00477_42615_6161.N1	25-APR-2010 04:21:08	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42615	No
51	GOM_NL__2PRFIN20100425_042242_000000422088_00477_42615_6162.N1	25-APR-2010 04:22:42	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42615	No
52	GOM_NL__2PRFIN20100425_042454_000000442088_00477_42615_6163.N1	25-APR-2010 04:24:54	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	42615	No
53	GOM_NL__2PRFIN20100425_043042_000000492088_00477_42615_6164.N1	25-APR-2010 04:30:42	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	42615	No
54	GOM_NL__2PRFIN20100425_043243_000000402088_00477_42615_6165.N1	25-APR-2010 04:32:43	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	42615	No
55	GOM_NL__2PRFIN20100425_043914_000000372088_00477_42615_6166.N1	25-APR-2010 04:39:14	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42615	No
56	GOM_NL__2PRFIN20100425_044153_000000422088_00477_42615_6167.N1	25-APR-2010 04:41:53	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42615	No
57	GOM_NL__2PRFIN20100425_044705_000000372088_00477_42615_6168.N1	25-APR-2010 04:47:05	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42615	No
58	GOM_NL__2PRFIN20100425_044902_000000462088_00477_42615_6169.N1	25-APR-2010 04:49:02	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42615	No
59	GOM_NL__2PRFIN20100425_045055_000000422088_00477_42615_6170.N1	25-APR-2010 04:50:55	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42615	No
60	GOM_NL__2PRFIN20100425_045819_000000412088_00477_42615_6171.N1	25-APR-2010 04:58:19	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42615	No
61	GOM_NL__2PRFIN20100425_050832_000000432088_00477_42615_6172.N1	25-APR-2010 05:08:32	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42615	No
62	GOM_NL__2PRFIN20100425_051916_000000402088_00477_42615_6173.N1	25-APR-2010 05:19:16	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42615	No
63	GOM_NL__2PRFIN20100425_052330_000000432088_00477_42615_6174.N1	25-APR-2010 05:23:30	Twilight	43.000	90	54Alp Peg	2.4870	11000.	86	42615	No
64	GOM_NL__2PRFIN20100425_052710_000000602088_00477_42615_6175.N1	25-APR-2010 05:27:10	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	42615	No
65	GOM_NL__2PRFIN20100425_052938_000000492088_00477_42615_6176.N1	25-APR-2010 05:29:38	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42615	No
66	GOM_NL__2PRFIN20100425_053250_000000562088_00477_42615_6177.N1	25-APR-2010 05:32:50	Dark	56.000	154	22Bet Aqr	2.8990	5700.0	112	42615	No
67	GOM_NL__2PRFIN20100425_053959_000000412088_00477_42615_6178.N1	25-APR-2010 05:39:59	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42615	No
68	GOM_NL__2PRFIN20100425_054704_000000402088_00478_42616_6166.N1	25-APR-2010 05:47:04	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42616	No
69	GOM_NL__2PRFIN20100425_055437_000000442088_00478_42616_6167.N1	25-APR-2010 05:54:37	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42616	No
70	GOM_NL__2PRFIN20100425_055605_000000562088_00478_42616_6168.N1	25-APR-2010 05:56:05	Straylight	56.000	40	The Sco	1.8590	7100.0	112	42616	No
71	GOM_NL__2PRFIN20100425_060145_000000422088_00478_42616_6169.N1	25-APR-2010 06:01:45	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42616	No
72	GOM_NL__2PRFIN20100425_060319_000000432088_00478_42616_6170.N1	25-APR-2010 06:03:19	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42616	No
73	GOM_NL__2PRFIN20100425_060530_000000472088_00478_42616_6171.N1	25-APR-2010 06:05:30	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42616	No
74	GOM_NL__2PRFIN20100425_061118_000000502088_00478_42616_6172.N1	25-APR-2010 06:11:18	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42616	No
75	GOM_NL__2PRFIN20100425_061319_000000412088_00478_42616_6173.N1	25-APR-2010 06:13:19	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42616	No
76	GOM_NL__2PRFIN20100425_061949_000000372088_00478_42616_6174.N1	25-APR-2010 06:19:49	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42616	No
77	GOM_NL__2PRFIN20100425_062229_000000412088_00478_42616_6175.N1	25-APR-2010 06:22:29	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	42616	No
78	GOM_NL__2PRFIN20100425_062741_000000342088_00478_42616_6176.N1	25-APR-2010 06:27:41	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	42616	No
79	GOM_NL__2PRFIN20100425_062938_000000452088_00478_42616_6177.N1	25-APR-2010 06:29:38	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	42616	No
80	GOM_NL__2PRFIN20100425_063130_000000412088_00478_42616_6178.N1	25-APR-2010 06:31:30	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42616	No
81	GOM_NL__2PRFIN20100425_063854_000000402088_00478_42616_6179.N1	25-APR-2010 06:38:54	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42616	No
82	GOM_NL__2PRFIN20100425_064908_000000392088_00478_42616_6180.N1	25-APR-2010 06:49:08	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42616	No
83	GOM_NL__2PRFIN20100425_065952_000000392088_00478_42616_6181.N1	25-APR-2010 06:59:52	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42616	No
84	GOM_NL__2PRFIN20100425_070406_000000452088_00478_42616_6182.N1	25-APR-2010 07:04:06	Twilight	44.500	90	54Alp Peg	2.4870	11000.	89	42616	No
85	GOM_NL__2PRFIN20100425_070747_000000562088_00478_42616_6183.N1	25-APR-2010 07:07:47	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42616	No
86	GOM_NL__2PRFIN20100425_071015_000000492088_00478_42616_6184.N1	25-APR-2010 07:10:15	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42616	No
87	GOM_NL__2PRFIN20100425_071327_000000552088_00478_42616_6185.N1	25-APR-2010 07:13:27	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42616	No
88	GOM_NL__2PRFIN20100425_072036_000000402088_00478_42616_6186.N1	25-APR-2010 07:20:36	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42616	No
89	GOM_NL__2PRFIN20100425_072740_000000512088_00479_42617_6174.N1	25-APR-2010 07:27:40	Dark	50.500	45	Alp Pav	1.9400	26000.	101	42617	No
90	GOM_NL__2PRFIN20100425_073514_000000432088_00479_42617_6175.N1	25-APR-2010 07:35:14	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	42617	No
91	GOM_NL__2PRFIN20100425_073641_000000562088_00479_42617_6176.N1	25-APR-2010 07:36:41	Straylight	56.000	40	The Sco	1.8590	7100.0	112	42617	No
92	GOM_NL__2PRFIN20100425_074221_000000422088_00479_42617_6177.N1	25-APR-2010 07:42:21	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42617	No
93	GOM_NL__2PRFIN20100425_074355_000000432088_00479_42617_6178.N1	25-APR-2010 07:43:55	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42617	No
94	GOM_NL__2PRFIN20100425_074606_000000472088_00479_42617_6179.N1	25-APR-2010 07:46:06	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42617	No
95	GOM_NL__2PRFIN20100425_075154_000000462088_00479_42617_6180.N1	25-APR-2010 07:51:54	Bright	45.500	122	9Alp2Lib	2.7470	9700.0	91	42617	No
96	GOM_NL__2PRFIN20100425_075355_000000422088_00479_42617_6181.N1	25-APR-2010 07:53:55	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42617	No
97	GOM_NL__2PRFIN20100425_080025_000000372088_00479_42617_6182.N1	25-APR-2010 08:00:25	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42617	No
98	GOM_NL__2PRFIN20100425_080305_000000422088_00479_42617_6183.N1	25-APR-2010 08:03:05	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42617	No
99	GOM_NL__2PRFIN20100425_080817_000000372088_00479_42617_6184.N1	25-APR-2010 08:08:17	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42617	No
100	GOM_NL__2PRFIN20100425_081013_000000462088_00479_42617_6185.N1	25-APR-2010 08:10:13	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	42617	No
101	GOM_NL__2PRFIN20100425_081206_000000402088_00479_42617_6186.N1	25-APR-2010 08:12:06	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42617	No

102	GOM_NL__2PRFIN20100425_081930_000000382088_00479_42617_6187.N1	25-APR-2010 08:19:30	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42617	No
103	GOM_NL__2PRFIN20100425_082944_000000422088_00479_42617_6188.N1	25-APR-2010 08:29:44	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42617	No
104	GOM_NL__2PRFIN20100425_084028_000000412088_00479_42617_6189.N1	25-APR-2010 08:40:28	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	42617	No
105	GOM_NL__2PRFIN20100425_084442_000000432088_00479_42617_6190.N1	25-APR-2010 08:44:42	Tw_i_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42617	No
106	GOM_NL__2PRFIN20100425_084824_000000602088_00479_42617_6191.N1	25-APR-2010 08:48:24	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	42617	No
107	GOM_NL__2PRFIN20100425_085052_000000492088_00479_42617_6192.N1	25-APR-2010 08:50:52	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42617	No
108	GOM_NL__2PRFIN20100425_085404_000000532088_00479_42617_6193.N1	25-APR-2010 08:54:04	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	42617	No
109	GOM_NL__2PRFIN20100425_090113_000000412088_00479_42617_6194.N1	25-APR-2010 09:01:13	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42617	No
110	GOM_NL__2PRFIN20100425_090817_000000402088_00480_42618_6182.N1	25-APR-2010 09:08:17	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42618	No
111	GOM_NL__2PRFIN20100425_091551_000000432088_00480_42618_6183.N1	25-APR-2010 09:15:51	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	42618	No
112	GOM_NL__2PRFIN20100425_091719_000000562088_00480_42618_6184.N1	25-APR-2010 09:17:19	Straylight	56.000	40	The Sco	1.8590	7100.0	112	42618	No
113	GOM_NL__2PRFIN20100425_092257_000000432088_00480_42618_6185.N1	25-APR-2010 09:22:57	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42618	No
114	GOM_NL__2PRFIN20100425_092431_000000412088_00480_42618_6186.N1	25-APR-2010 09:24:31	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	42618	No
115	GOM_NL__2PRFIN20100425_092642_000000462088_00480_42618_6187.N1	25-APR-2010 09:26:42	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42618	No
116	GOM_NL__2PRFIN20100425_093230_000000492088_00480_42618_6188.N1	25-APR-2010 09:32:30	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	42618	No
117	GOM_NL__2PRFIN20100425_093431_000000392088_00480_42618_6189.N1	25-APR-2010 09:34:31	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	42618	No
118	GOM_NL__2PRFIN20100425_094101_000000382088_00480_42618_6190.N1	25-APR-2010 09:41:01	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42618	No
119	GOM_NL__2PRFIN20100425_094340_000000422088_00480_42618_6191.N1	25-APR-2010 09:43:40	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42618	No
120	GOM_NL__2PRFIN20100425_094852_000000362088_00480_42618_6192.N1	25-APR-2010 09:48:52	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	42618	No
121	GOM_NL__2PRFIN20100425_095049_000000452088_00480_42618_6193.N1	25-APR-2010 09:50:49	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42618	No
122	GOM_NL__2PRFIN20100425_095242_000000392088_00480_42618_6194.N1	25-APR-2010 09:52:42	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42618	No
123	GOM_NL__2PRFIN20100425_100006_000000562088_00480_42618_6195.N1	25-APR-2010 10:00:06	Bright	56.000	60	7Bet UMi	2.0810	3950.0	112	42618	No
124	GOM_NL__2PRFIN20100425_101019_000000422088_00480_42618_6196.N1	25-APR-2010 10:10:19	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42618	No
125	GOM_NL__2PRFIN20100425_102104_000000442088_00480_42618_6197.N1	25-APR-2010 10:21:04	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	42618	No
126	GOM_NL__2PRFIN20100425_102518_000000422088_00480_42618_6198.N1	25-APR-2010 10:25:18	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42618	No
127	GOM_NL__2PRFIN20100425_102901_000000612088_00480_42618_6199.N1	25-APR-2010 10:29:01	Dark	60.500	61	8Eps Peg	2.1000	3900.0	121	42618	No
128	GOM_NL__2PRFIN20100425_103128_000000502088_00480_42618_6200.N1	25-APR-2010 10:31:28	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42618	No
129	GOM_NL__2PRFIN20100425_103441_000000542088_00480_42618_6201.N1	25-APR-2010 10:34:41	Dark	53.500	154	22Bet Aqr	2.8990	5700.0	107	42618	No
130	GOM_NL__2PRFIN20100425_104149_000000402088_00480_42618_6202.N1	25-APR-2010 10:41:49	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42618	No
131	GOM_NL__2PRFIN20100425_104854_000000392088_00481_42619_6190.N1	25-APR-2010 10:48:54	Dark	38.500	45	Alp Pav	1.9400	26000.	77	42619	No
132	GOM_NL__2PRFIN20100425_105627_000000462088_00481_42619_6191.N1	25-APR-2010 10:56:27	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	42619	No
133	GOM_NL__2PRFIN20100425_105755_000000622088_00481_42619_6192.N1	25-APR-2010 10:57:55	Straylight	61.500	40	The Sco	1.8590	7100.0	123	42619	No
134	GOM_NL__2PRFIN20100425_110334_000000392088_00481_42619_6193.N1	25-APR-2010 11:03:34	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	42619	No
135	GOM_NL__2PRFIN20100425_110507_000000432088_00481_42619_6194.N1	25-APR-2010 11:05:07	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42619	No
136	GOM_NL__2PRFIN20100425_110718_000000452088_00481_42619_6195.N1	25-APR-2010 11:07:18	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	42619	No
137	GOM_NL__2PRFIN20100425_111306_000000482088_00481_42619_6196.N1	25-APR-2010 11:13:06	Bright	48.000	122	9Alp2Lib	2.7470	9700.0	96	42619	No
138	GOM_NL__2PRFIN20100425_111507_000000412088_00481_42619_6197.N1	25-APR-2010 11:15:07	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42619	No
139	GOM_NL__2PRFIN20100425_112137_000000372088_00481_42619_6198.N1	25-APR-2010 11:21:37	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42619	No
140	GOM_NL__2PRFIN20100425_112416_000000432088_00481_42619_6199.N1	25-APR-2010 11:24:16	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	42619	No
141	GOM_NL__2PRFIN20100425_112928_000000372088_00481_42619_6200.N1	25-APR-2010 11:29:28	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42619	No
142	GOM_NL__2PRFIN20100425_113124_000000432088_00481_42619_6201.N1	25-APR-2010 11:31:24	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	42619	No
143	GOM_NL__2PRFIN20100425_113317_000000402088_00481_42619_6202.N1	25-APR-2010 11:33:17	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42619	No
144	GOM_NL__2PRFIN20100425_114041_000000412088_00481_42619_6203.N1	25-APR-2010 11:40:41	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42619	No
145	GOM_NL__2PRFIN20100425_115055_000000412088_00481_42619_6204.N1	25-APR-2010 11:50:55	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42619	No
146	GOM_NL__2PRFIN20100425_120140_000000572088_00481_42619_6205.N1	25-APR-2010 12:01:40	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	42619	No
147	GOM_NL__2PRFIN20100425_120554_000000412088_00481_42619_6206.N1	25-APR-2010 12:05:54	Tw_i_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	42619	No
148	GOM_NL__2PRFIN20100425_120937_000000592088_00481_42619_6207.N1	25-APR-2010 12:09:37	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	42619	No
149	GOM_NL__2PRFIN20100425_121204_000000502088_00481_42619_6208.N1	25-APR-2010 12:12:04	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	42619	No
150	GOM_NL__2PRFIN20100425_121517_000000562088_00481_42619_6209.N1	25-APR-2010 12:15:17	Dark	56.000	154	22Bet Aqr	2.8990	5700.0	112	42619	No
151	GOM_NL__2PRFIN20100425_122225_000000392088_00481_42619_6210.N1	25-APR-2010 12:22:25	Dark	39.000	172	Gam Gru	3.0030	13100.	78	42619	No
152	GOM_NL__2PRFIN20100425_122930_000000402088_00482_42620_6198.N1	25-APR-2010 12:29:30	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42620	No
153	GOM_NL__2PRFIN20100425_123703_000000422088_00482_42620_6199.N1	25-APR-2010 12:37:03	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	42620	No
154	GOM_NL__2PRFIN20100425_123832_000000522088_00482_42620_6200.N1	25-APR-2010 12:38:32	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42620	No
155	GOM_NL__2PRFIN20100425_124410_000000402088_00482_42620_6201.N1	25-APR-2010 12:44:10	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	42620	No
156	GOM_NL__2PRFIN20100425_124543_000000422088_00482_42620_6202.N1	25-APR-2010 12:45:43	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42620	No
157	GOM_NL__2PRFIN20100425_124754_000000452088_00482_42620_6203.N1	25-APR-2010 12:47:54	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42620	No
158	GOM_NL__2PRFIN20100425_125342_000000502088_00482_42620_6204.N1	25-APR-2010 12:53:42	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42620	No
159	GOM_NL__2PRFIN20100425_125543_000000422088_00482_42620_6205.N1	25-APR-2010 12:55:43	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42620	No
160	GOM_NL__2PRFIN20100425_130213_000000362088_00482_42620_6206.N1	25-APR-2010 13:02:13	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	42620	No

161	GOM_NL__2PRFIN20100425_130451_000000422088_00482_42620_6207.N1	25-APR-2010 13:04:51	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42620	No
162	GOM_NL__2PRFIN20100425_131004_000000362088_00482_42620_6208.N1	25-APR-2010 13:10:04	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	42620	No
163	GOM_NL__2PRFIN20100425_131159_000000442088_00482_42620_6209.N1	25-APR-2010 13:11:59	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	42620	No
164	GOM_NL__2PRFIN20100425_131353_000000412088_00482_42620_6210.N1	25-APR-2010 13:13:53	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42620	No
165	GOM_NL__2PRFIN20100425_132117_000000402088_00482_42620_6211.N1	25-APR-2010 13:21:17	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42620	No
166	GOM_NL__2PRFIN20100425_133131_000000412088_00482_42620_6212.N1	25-APR-2010 13:31:31	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42620	No
167	GOM_NL__2PRFIN20100425_134216_000000542088_00482_42620_6213.N1	25-APR-2010 13:42:16	Bright	54.000	164	44Eta Peg	2.9480	5400.0	108	42620	No
168	GOM_NL__2PRFIN20100425_134631_000000442088_00482_42620_6214.N1	25-APR-2010 13:46:31	Twl_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42620	No
169	GOM_NL__2PRFIN20100425_135014_000000582088_00482_42620_6215.N1	25-APR-2010 13:50:14	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	42620	No
170	GOM_NL__2PRFIN20100425_135241_000000492088_00482_42620_6216.N1	25-APR-2010 13:52:41	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42620	No
171	GOM_NL__2PRFIN20100425_135555_000000552088_00482_42620_6217.N1	25-APR-2010 13:55:55	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42620	No
172	GOM_NL__2PRFIN20100425_140302_000000402088_00482_42620_6218.N1	25-APR-2010 14:03:02	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42620	No
173	GOM_NL__2PRFIN20100425_141007_000000422088_00483_42621_6206.N1	25-APR-2010 14:10:07	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42621	No
174	GOM_NL__2PRFIN20100425_141740_000000512088_00483_42621_6207.N1	25-APR-2010 14:17:40	Straylight	51.000	141	Bet Ara	2.8400	4600.0	102	42621	No
175	GOM_NL__2PRFIN20100425_141909_000000592088_00483_42621_6208.N1	25-APR-2010 14:19:09	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42621	No
176	GOM_NL__2PRFIN20100425_142446_000000412088_00483_42621_6209.N1	25-APR-2010 14:24:46	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42621	No
177	GOM_NL__2PRFIN20100425_142620_000000422088_00483_42621_6210.N1	25-APR-2010 14:26:20	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42621	No
178	GOM_NL__2PRFIN20100425_142831_000000462088_00483_42621_6211.N1	25-APR-2010 14:28:31	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42621	No
179	GOM_NL__2PRFIN20100425_143418_000000492088_00483_42621_6212.N1	25-APR-2010 14:34:18	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	42621	No
180	GOM_NL__2PRFIN20100425_143619_000000422088_00483_42621_6213.N1	25-APR-2010 14:36:19	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42621	No
181	GOM_NL__2PRFIN20100425_144249_000000362088_00483_42621_6214.N1	25-APR-2010 14:42:49	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	42621	No
182	GOM_NL__2PRFIN20100425_144527_000000412088_00483_42621_6215.N1	25-APR-2010 14:45:27	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	42621	No
183	GOM_NL__2PRFIN20100425_145040_000000372088_00483_42621_6216.N1	25-APR-2010 14:50:40	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42621	No
184	GOM_NL__2PRFIN20100425_145234_000000652088_00483_42621_6217.N1	25-APR-2010 14:52:34	Bright	65.000	180	27Gam Boo	3.0400	8000.0	130	42621	No
185	GOM_NL__2PRFIN20100425_145428_000000392088_00483_42621_6218.N1	25-APR-2010 14:54:28	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42621	No
186	GOM_NL__2PRFIN20100425_150153_000000352088_00483_42621_6219.N1	25-APR-2010 15:01:53	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	42621	No
187	GOM_NL__2PRFIN20100425_151206_000000422088_00483_42621_6220.N1	25-APR-2010 15:12:06	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42621	No
188	GOM_NL__2PRFIN20100425_152252_000000422088_00483_42621_6221.N1	25-APR-2010 15:22:52	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	42621	No
189	GOM_NL__2PRFIN20100425_152707_000000452088_00483_42621_6222.N1	25-APR-2010 15:27:07	Twl_and_stray	44.500	90	54Alp Peg	2.4870	11000.	89	42621	No
190	GOM_NL__2PRFIN20100425_153050_000000602088_00483_42621_6223.N1	25-APR-2010 15:30:50	Dark	60.000	61	8Eps Peg	2.1000	3900.0	120	42621	No
191	GOM_NL__2PRFIN20100425_153318_000000442088_00483_42621_6224.N1	25-APR-2010 15:33:18	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42621	No
192	GOM_NL__2PRFIN20100425_153631_000000552088_00483_42621_6225.N1	25-APR-2010 15:36:31	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42621	No
193	GOM_NL__2PRFIN20100425_154338_000000402088_00483_42621_6226.N1	25-APR-2010 15:43:38	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42621	No
194	GOM_NL__2PRFIN20100425_155043_000000402088_00484_42622_6261.N1	25-APR-2010 15:50:43	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42622	No
195	GOM_NL__2PRFIN20100425_155817_000000452088_00484_42622_6262.N1	25-APR-2010 15:58:17	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	42622	No
196	GOM_NL__2PRFIN20100425_155946_000000622088_00484_42622_6263.N1	25-APR-2010 15:59:46	Straylight	62.000	40	The Sco	1.8590	7100.0	124	42622	No
197	GOM_NL__2PRFIN20100425_160522_000000432088_00484_42622_6264.N1	25-APR-2010 16:05:22	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42622	No
198	GOM_NL__2PRFIN20100425_160656_000000442088_00484_42622_6265.N1	25-APR-2010 16:06:56	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42622	No
199	GOM_NL__2PRFIN20100425_160907_000000432088_00484_42622_6266.N1	25-APR-2010 16:09:07	Straylight	42.500	54	5The Cen	2.0550	4500.0	85	42622	No
200	GOM_NL__2PRFIN20100425_161454_000000512088_00484_42622_6267.N1	25-APR-2010 16:14:54	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42622	No
201	GOM_NL__2PRFIN20100425_161655_000000412088_00484_42622_6268.N1	25-APR-2010 16:16:55	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42622	No
202	GOM_NL__2PRFIN20100425_162325_000000362088_00484_42622_6269.N1	25-APR-2010 16:23:25	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	42622	No
203	GOM_NL__2PRFIN20100425_162603_000000412088_00484_42622_6270.N1	25-APR-2010 16:26:03	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	42622	No
204	GOM_NL__2PRFIN20100425_163115_000000382088_00484_42622_6271.N1	25-APR-2010 16:31:15	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42622	No
205	GOM_NL__2PRFIN20100425_163309_000000462088_00484_42622_6272.N1	25-APR-2010 16:33:09	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42622	No
206	GOM_NL__2PRFIN20100425_163504_000000412088_00484_42622_6273.N1	25-APR-2010 16:35:04	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42622	No
207	GOM_NL__2PRFIN20100425_164228_000000382088_00484_42622_6274.N1	25-APR-2010 16:42:28	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42622	No
208	GOM_NL__2PRFIN20100425_165242_000000462088_00484_42622_6275.N1	25-APR-2010 16:52:42	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42622	No
209	GOM_NL__2PRFIN20100425_170328_000000382088_00484_42622_6276.N1	25-APR-2010 17:03:28	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	42622	No
210	GOM_NL__2PRFIN20100425_170743_000000432088_00484_42622_6277.N1	25-APR-2010 17:07:43	Twl_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42622	No
211	GOM_NL__2PRFIN20100425_171127_000000582088_00484_42622_6278.N1	25-APR-2010 17:11:27	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	42622	No
212	GOM_NL__2PRFIN20100425_171354_000000522088_00484_42622_6279.N1	25-APR-2010 17:13:54	Dark	52.000	162	34Alp Aqr	2.9440	5350.0	104	42622	No
213	GOM_NL__2PRFIN20100425_171708_000000572088_00484_42622_6280.N1	25-APR-2010 17:17:08	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	42622	No
214	GOM_NL__2PRFIN20100425_172415_000000402088_00484_42622_6281.N1	25-APR-2010 17:24:15	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42622	No
215	GOM_NL__2PRFIN20100425_173120_000000422088_00485_42623_6269.N1	25-APR-2010 17:31:20	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42623	No
216	GOM_NL__2PRFIN20100425_173853_000000462088_00485_42623_6270.N1	25-APR-2010 17:38:53	Straylight	45.500	141	Bet Ara	2.8400	4600.0	91	42623	No
217	GOM_NL__2PRFIN20100425_174023_000000592088_00485_42623_6271.N1	25-APR-2010 17:40:23	Straylight	59.000	40	The Sco	1.8590	7100.0	118	42623	No
218	GOM_NL__2PRFIN20100425_174559_000000432088_00485_42623_6272.N1	25-APR-2010 17:45:59	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42623	No
219	GOM_NL__2PRFIN20100425_174732_000000442088_00485_42623_6273.N1	25-APR-2010 17:47:32	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42623	No

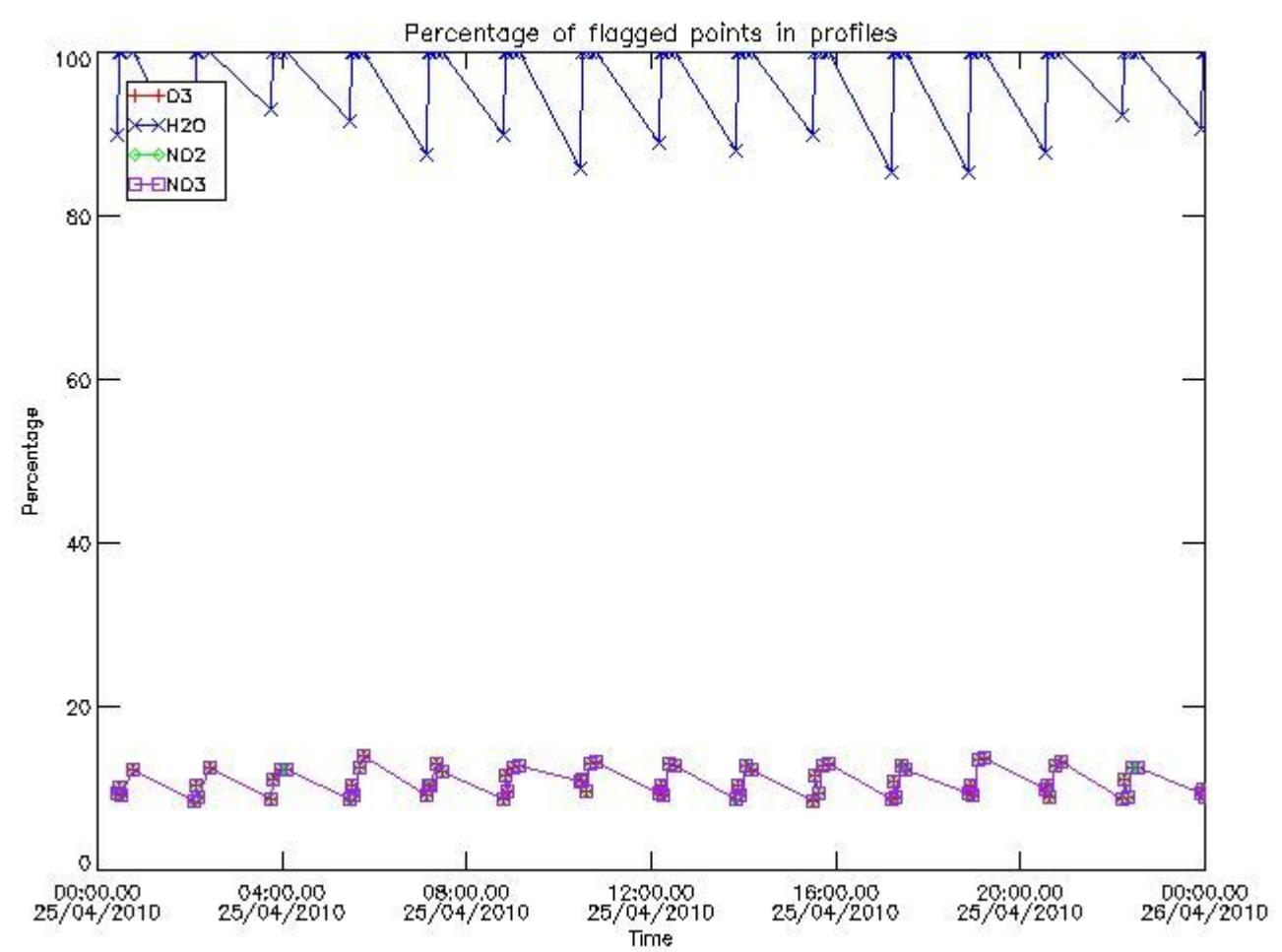
220	GOM_NL__2PRFIN20100425_174943_000000442088_00485_42623_6274.N1	25-APR-2010 17:49:43	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	42623	No
221	GOM_NL__2PRFIN20100425_175530_000000492088_00485_42623_6275.N1	25-APR-2010 17:55:30	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	42623	No
222	GOM_NL__2PRFIN20100425_175731_000000412088_00485_42623_6276.N1	25-APR-2010 17:57:31	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42623	No
223	GOM_NL__2PRFIN20100425_180401_000000372088_00485_42623_6277.N1	25-APR-2010 18:04:01	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42623	No
224	GOM_NL__2PRFIN20100425_180638_000000422088_00485_42623_6278.N1	25-APR-2010 18:06:38	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42623	No
225	GOM_NL__2PRFIN20100425_181152_000000382088_00485_42623_6279.N1	25-APR-2010 18:11:52	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42623	No
226	GOM_NL__2PRFIN20100425_181345_000000432088_00485_42623_6280.N1	25-APR-2010 18:13:45	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	42623	No
227	GOM_NL__2PRFIN20100425_181540_000000412088_00485_42623_6281.N1	25-APR-2010 18:15:40	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42623	No
228	GOM_NL__2PRFIN20100425_182304_000000392088_00485_42623_6282.N1	25-APR-2010 18:23:04	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42623	No
229	GOM_NL__2PRFIN20100425_183318_000000392088_00485_42623_6283.N1	25-APR-2010 18:33:18	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42623	No
230	GOM_NL__2PRFIN20100425_184404_000000422088_00485_42623_6284.N1	25-APR-2010 18:44:04	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	42623	No
231	GOM_NL__2PRFIN20100425_184819_000000422088_00485_42623_6285.N1	25-APR-2010 18:48:19	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42623	No
232	GOM_NL__2PRFIN20100425_185203_000000552088_00485_42623_6286.N1	25-APR-2010 18:52:03	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	42623	No
233	GOM_NL__2PRFIN20100425_185430_000000542088_00485_42623_6287.N1	25-APR-2010 18:54:30	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	42623	No
234	GOM_NL__2PRFIN20100425_185745_000000552088_00485_42623_6288.N1	25-APR-2010 18:57:45	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42623	No
235	GOM_NL__2PRFIN20100425_190452_000000422088_00485_42623_6289.N1	25-APR-2010 19:04:52	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42623	No
236	GOM_NL__2PRFIN20100425_191156_000000412088_00486_42624_6277.N1	25-APR-2010 19:11:56	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42624	No
237	GOM_NL__2PRFIN20100425_191930_000000442088_00486_42624_6278.N1	25-APR-2010 19:19:30	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42624	No
238	GOM_NL__2PRFIN20100425_192100_000000522088_00486_42624_6279.N1	25-APR-2010 19:21:00	Straylight	52.000	40	The Sco	1.8590	7100.0	104	42624	No
239	GOM_NL__2PRFIN20100425_192635_000000402088_00486_42624_6280.N1	25-APR-2010 19:26:35	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	42624	No
240	GOM_NL__2PRFIN20100425_192809_000000412088_00486_42624_6281.N1	25-APR-2010 19:28:09	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	42624	No
241	GOM_NL__2PRFIN20100425_193019_000000442088_00486_42624_6282.N1	25-APR-2010 19:30:19	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	42624	No
242	GOM_NL__2PRFIN20100425_193606_000000482088_00486_42624_6283.N1	25-APR-2010 19:36:06	Bright	47.500	122	9Alp2Lib	2.7470	9700.0	95	42624	No
243	GOM_NL__2PRFIN20100425_193807_000000412088_00486_42624_6284.N1	25-APR-2010 19:38:07	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42624	No
244	GOM_NL__2PRFIN20100425_194437_000000362088_00486_42624_6285.N1	25-APR-2010 19:44:37	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	42624	No
245	GOM_NL__2PRFIN20100425_194714_000000422088_00486_42624_6286.N1	25-APR-2010 19:47:14	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42624	No
246	GOM_NL__2PRFIN20100425_195227_000000372088_00486_42624_6287.N1	25-APR-2010 19:52:27	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42624	No
247	GOM_NL__2PRFIN20100425_195420_000000432088_00486_42624_6288.N1	25-APR-2010 19:54:20	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42624	No
248	GOM_NL__2PRFIN20100425_195615_000000392088_00486_42624_6289.N1	25-APR-2010 19:56:15	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42624	No
249	GOM_NL__2PRFIN20100425_200340_000000412088_00486_42624_6290.N1	25-APR-2010 20:03:40	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42624	No
250	GOM_NL__2PRFIN20100425_201353_000000402088_00486_42624_6291.N1	25-APR-2010 20:13:53	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42624	No
251	GOM_NL__2PRFIN20100425_202440_000000422088_00486_42624_6292.N1	25-APR-2010 20:24:40	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	42624	No
252	GOM_NL__2PRFIN20100425_202855_000000432088_00486_42624_6293.N1	25-APR-2010 20:28:55	Tw_i_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42624	No
253	GOM_NL__2PRFIN20100425_203240_000000572088_00486_42624_6294.N1	25-APR-2010 20:32:40	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	42624	No
254	GOM_NL__2PRFIN20100425_203507_000000502088_00486_42624_6295.N1	25-APR-2010 20:35:07	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	42624	No
255	GOM_NL__2PRFIN20100425_203822_000000582088_00486_42624_6296.N1	25-APR-2010 20:38:22	Dark	57.500	154	22Bet Aqr	2.8990	5700.0	115	42624	No
256	GOM_NL__2PRFIN20100425_204529_000000402088_00486_42624_6297.N1	25-APR-2010 20:45:29	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42624	No
257	GOM_NL__2PRFIN20100425_205233_000000432088_00487_42625_6285.N1	25-APR-2010 20:52:33	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42625	No
258	GOM_NL__2PRFIN20100425_210007_000000482088_00487_42625_6286.N1	25-APR-2010 21:00:07	Straylight	47.500	141	Bet Ara	2.8400	4600.0	95	42625	No
259	GOM_NL__2PRFIN20100425_210137_000000572088_00487_42625_6287.N1	25-APR-2010 21:01:37	Straylight	56.500	40	The Sco	1.8590	7100.0	113	42625	No
260	GOM_NL__2PRFIN20100425_210711_000000442088_00487_42625_6288.N1	25-APR-2010 21:07:11	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42625	No
261	GOM_NL__2PRFIN20100425_210845_000000432088_00487_42625_6289.N1	25-APR-2010 21:08:45	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42625	No
262	GOM_NL__2PRFIN20100425_211056_000000462088_00487_42625_6290.N1	25-APR-2010 21:10:56	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42625	No
263	GOM_NL__2PRFIN20100425_211642_000000492088_00487_42625_6291.N1	25-APR-2010 21:16:42	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	42625	No
264	GOM_NL__2PRFIN20100425_211843_000000422088_00487_42625_6292.N1	25-APR-2010 21:18:43	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42625	No
265	GOM_NL__2PRFIN20100425_212513_000000372088_00487_42625_6293.N1	25-APR-2010 21:25:13	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42625	No
266	GOM_NL__2PRFIN20100425_212750_000000402088_00487_42625_6294.N1	25-APR-2010 21:27:50	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	42625	No
267	GOM_NL__2PRFIN20100425_213303_000000372088_00487_42625_6295.N1	25-APR-2010 21:33:03	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42625	No
268	GOM_NL__2PRFIN20100425_213456_000000432088_00487_42625_6296.N1	25-APR-2010 21:34:56	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	42625	No
269	GOM_NL__2PRFIN20100425_213651_000000392088_00487_42625_6297.N1	25-APR-2010 21:36:51	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42625	No
270	GOM_NL__2PRFIN20100425_214415_000000392088_00487_42625_6298.N1	25-APR-2010 21:44:15	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42625	No
271	GOM_NL__2PRFIN20100425_215429_000000412088_00487_42625_6299.N1	25-APR-2010 21:54:29	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42625	No
272	GOM_NL__2PRFIN20100425_220516_000000422088_00487_42625_6300.N1	25-APR-2010 22:05:16	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	42625	No
273	GOM_NL__2PRFIN20100425_220932_000000442088_00487_42625_6301.N1	25-APR-2010 22:09:32	Tw_i_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42625	No
274	GOM_NL__2PRFIN20100425_221316_000000602088_00487_42625_6302.N1	25-APR-2010 22:13:16	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	42625	No
275	GOM_NL__2PRFIN20100425_221544_000000502088_00487_42625_6303.N1	25-APR-2010 22:15:44	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42625	No
276	GOM_NL__2PRFIN20100425_221859_000000582088_00487_42625_6304.N1	25-APR-2010 22:18:59	Dark	57.500	154	22Bet Aqr	2.8990	5700.0	115	42625	No
277	GOM_NL__2PRFIN20100425_222605_000000412088_00487_42625_6305.N1	25-APR-2010 22:26:05	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42625	No
278	GOM_NL__2PRFIN20100425_223309_000000412088_00488_42626_6293.N1	25-APR-2010 22:33:09	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42626	No

279	GOM_NL__2PRFIN20100425_224043_000000442088_00488_42626_6294.N1	25-APR-2010 22:40:43	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42626	No
280	GOM_NL__2PRFIN20100425_224214_000000592088_00488_42626_6295.N1	25-APR-2010 22:42:14	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42626	No
281	GOM_NL__2PRFIN20100425_224747_000000392088_00488_42626_6296.N1	25-APR-2010 22:47:47	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	42626	No
282	GOM_NL__2PRFIN20100425_224921_000000432088_00488_42626_6297.N1	25-APR-2010 22:49:21	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42626	No
283	GOM_NL__2PRFIN20100425_225132_000000452088_00488_42626_6298.N1	25-APR-2010 22:51:32	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	42626	No
284	GOM_NL__2PRFIN20100425_225718_000000492088_00488_42626_6299.N1	25-APR-2010 22:57:18	Bright	48.500	122	9Alp2Lib	2.7470	9700.0	97	42626	No
285	GOM_NL__2PRFIN20100425_225919_000000392088_00488_42626_6300.N1	25-APR-2010 22:59:19	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	42626	No
286	GOM_NL__2PRFIN20100425_230549_000000382088_00488_42626_6301.N1	25-APR-2010 23:05:49	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42626	No
287	GOM_NL__2PRFIN20100425_230825_000000422088_00488_42626_6302.N1	25-APR-2010 23:08:25	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42626	No
288	GOM_NL__2PRFIN20100425_231339_000000362088_00488_42626_6303.N1	25-APR-2010 23:13:39	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	42626	No
289	GOM_NL__2PRFIN20100425_231531_000000442088_00488_42626_6304.N1	25-APR-2010 23:15:31	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	42626	No
290	GOM_NL__2PRFIN20100425_231726_000000422088_00488_42626_6305.N1	25-APR-2010 23:17:26	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42626	No
291	GOM_NL__2PRFIN20100425_232451_000000392088_00488_42626_6306.N1	25-APR-2010 23:24:51	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42626	No
292	GOM_NL__2PRFIN20100425_233504_000000422088_00488_42626_6307.N1	25-APR-2010 23:35:04	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42626	No
293	GOM_NL__2PRFIN20100425_234552_000000402088_00488_42626_6308.N1	25-APR-2010 23:45:52	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42626	No
294	GOM_NL__2PRFIN20100425_235008_000000452088_00488_42626_6309.N1	25-APR-2010 23:50:08	Tw_i_and_stray	44.500	90	54Alp Peg	2.4870	11000.	89	42626	No
295	GOM_NL__2PRFIN20100425_235353_000000602088_00488_42626_6310.N1	25-APR-2010 23:53:53	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	42626	No
296	GOM_NL__2PRFIN20100425_235620_000000522088_00488_42626_6311.N1	25-APR-2010 23:56:20	Dark	52.000	162	34Alp Aqr	2.9440	5350.0	104	42626	No
297	GOM_NL__2PRFIN20100425_235936_000000572088_00488_42626_6312.N1	25-APR-2010 23:59:36	Dark	56.500	154	22Bet Aqr	2.8990	5700.0	113	42626	No

3. Quality information per product

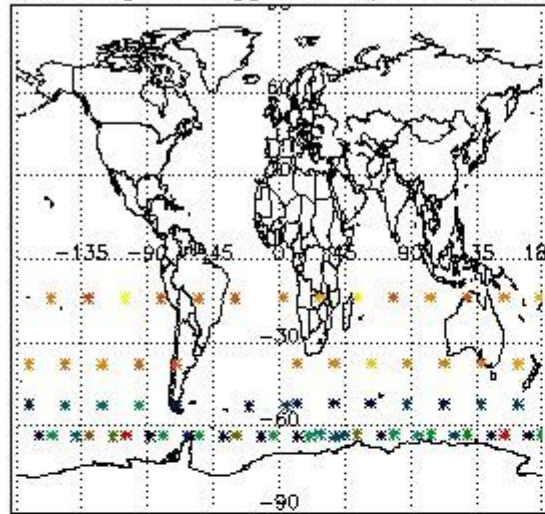
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

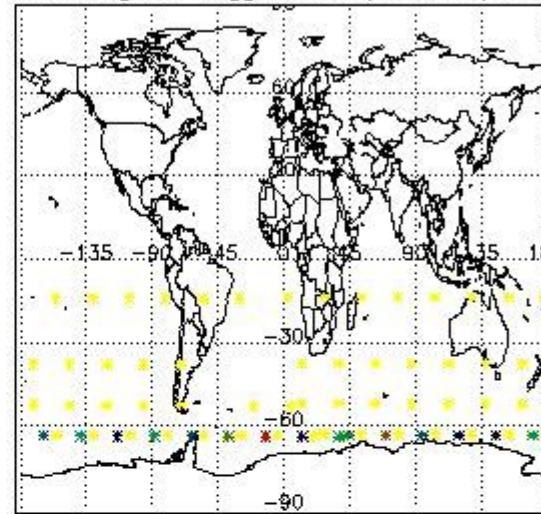


3.2 Plot quality information per product (world map)

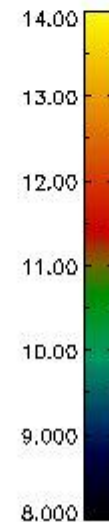
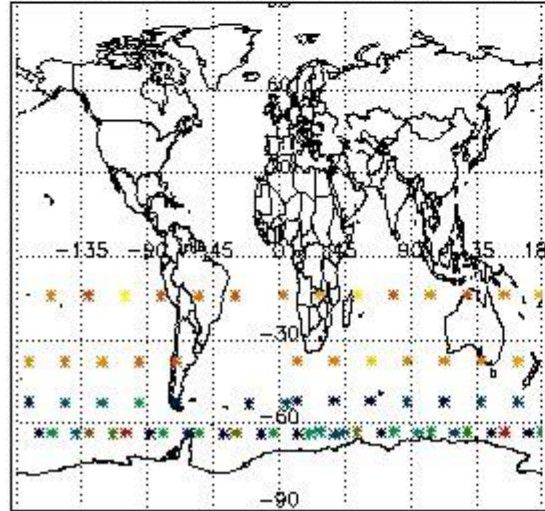
Percentage of flagged data per O3 profile



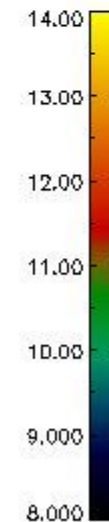
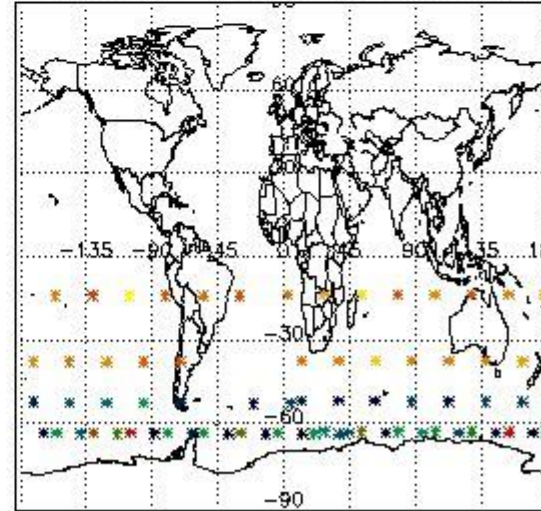
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

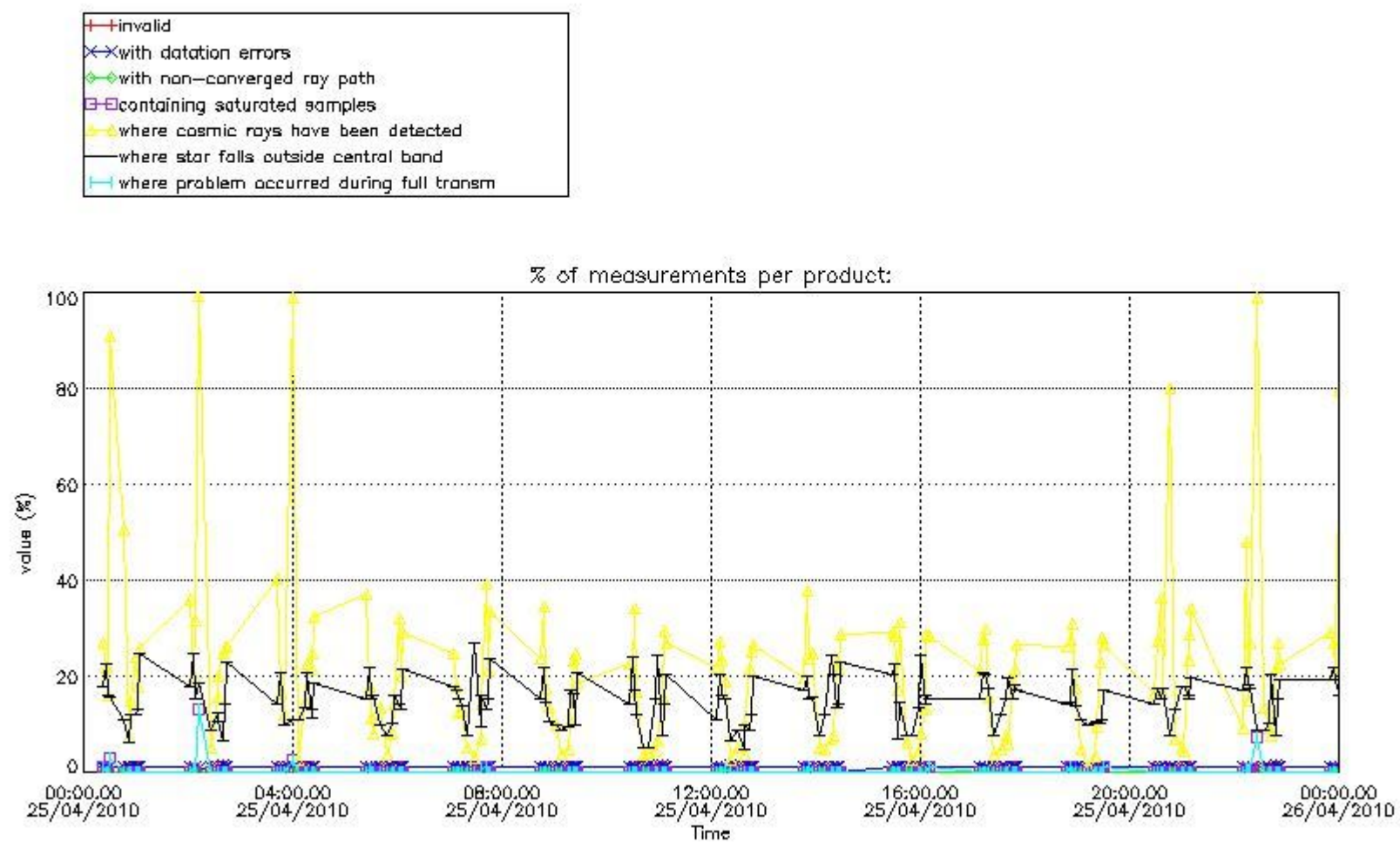


4. Level 1 quality information per product

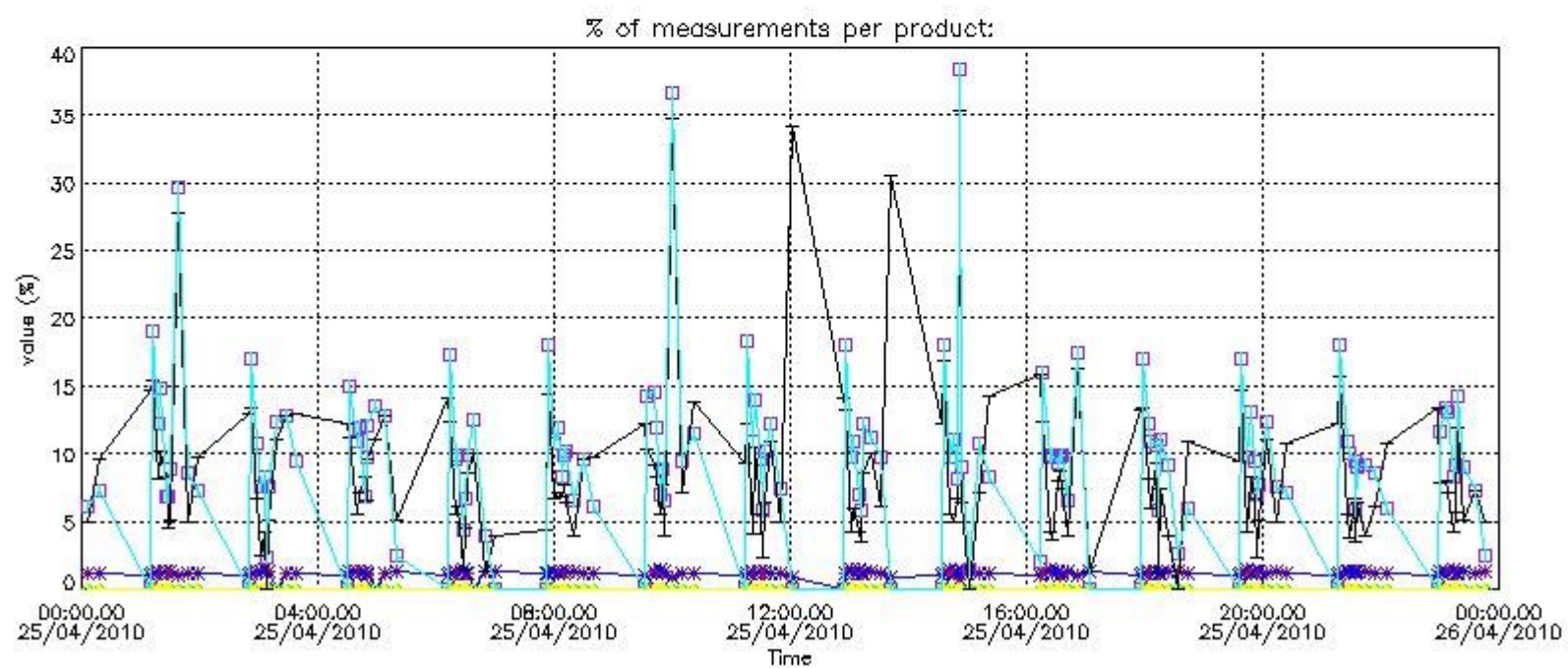
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



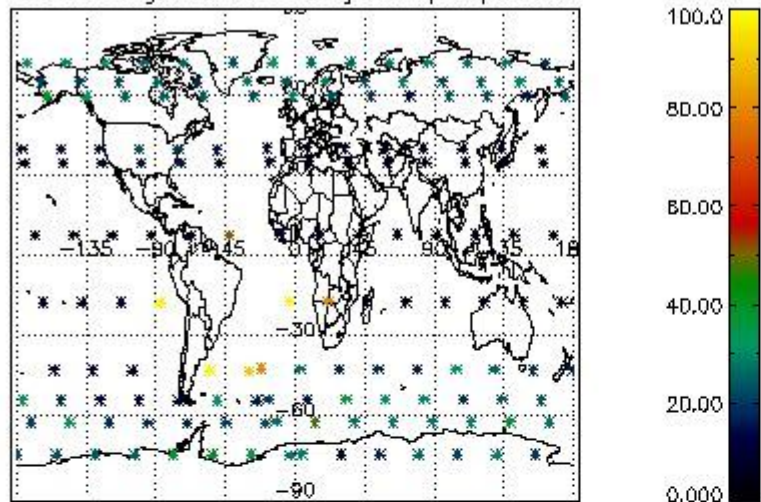
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



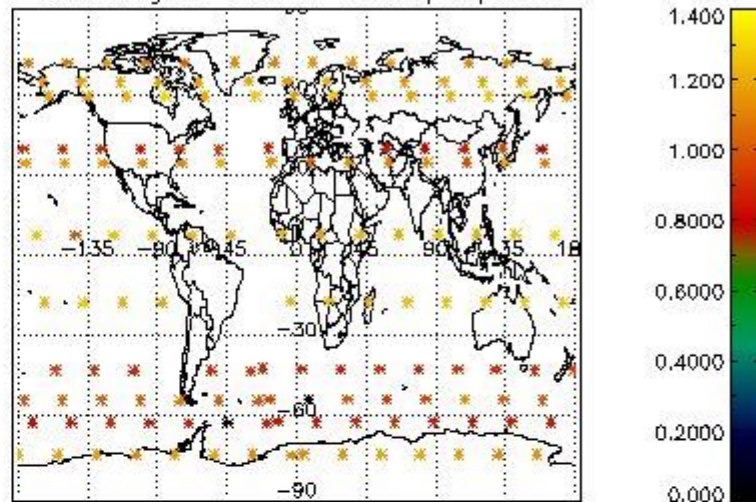
4.2 Plot quality information per product coming from level 1b processing (world map)

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

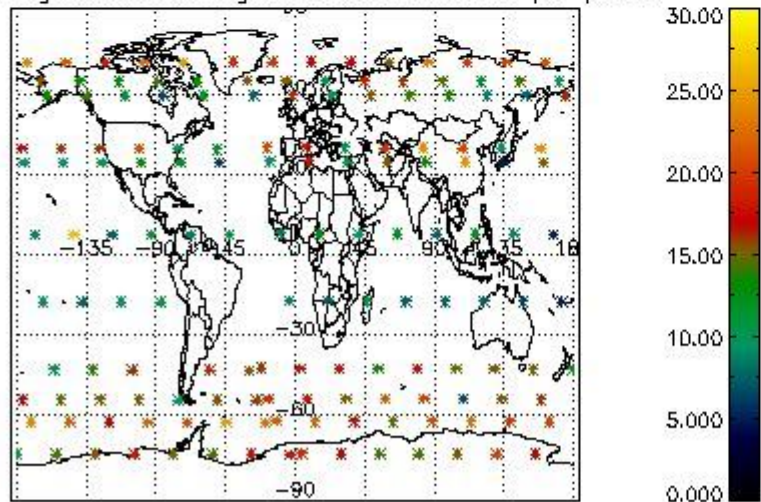
Percentage of cosmic ray hits per profile



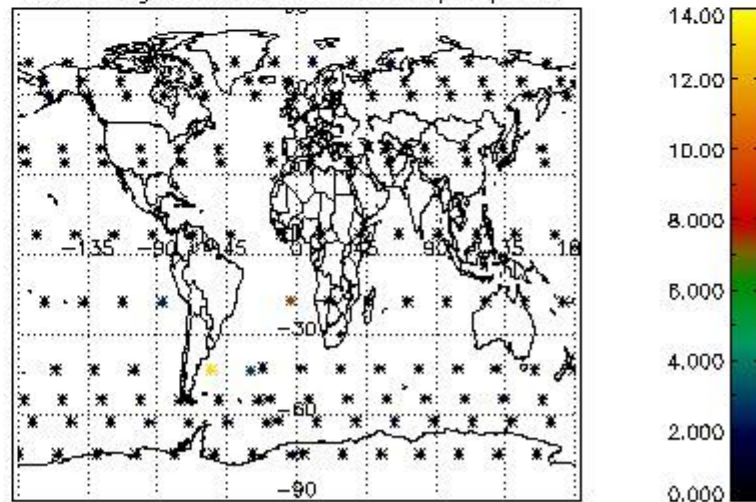
Percentage of datation errors per profile



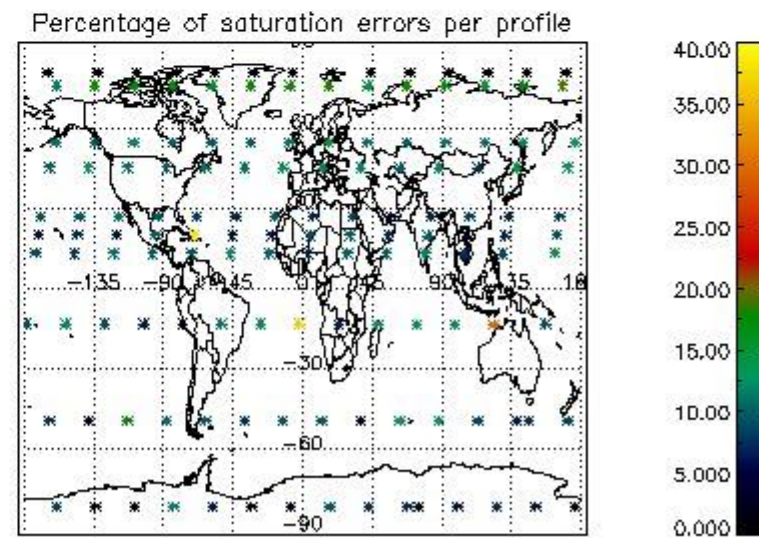
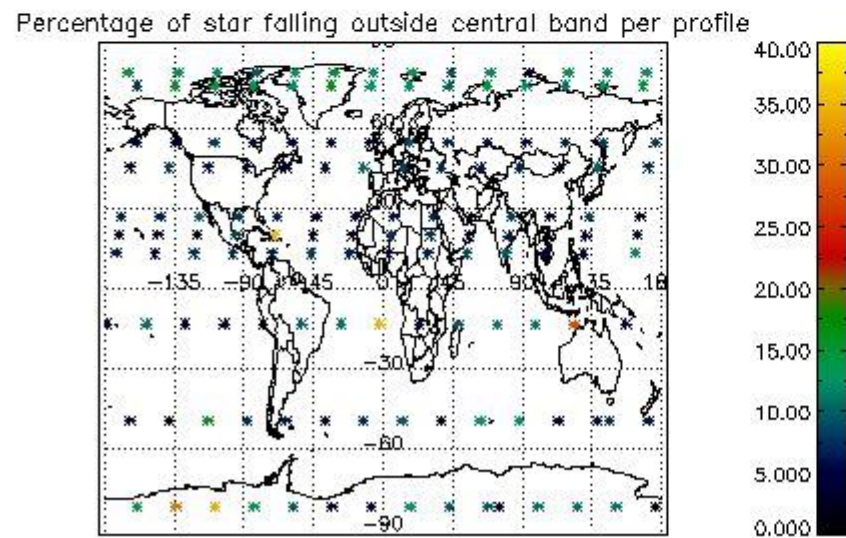
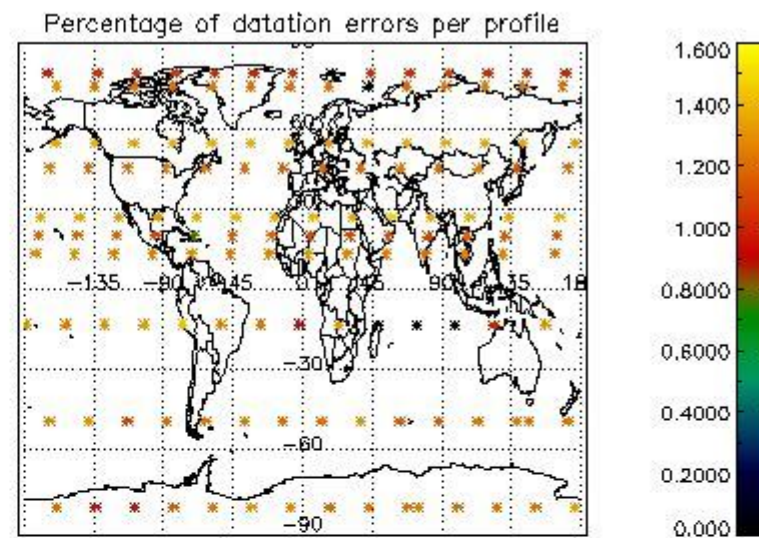
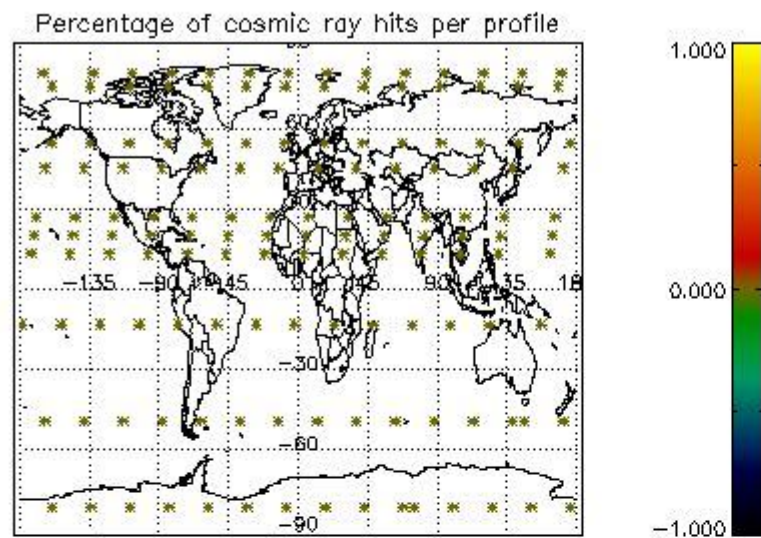
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

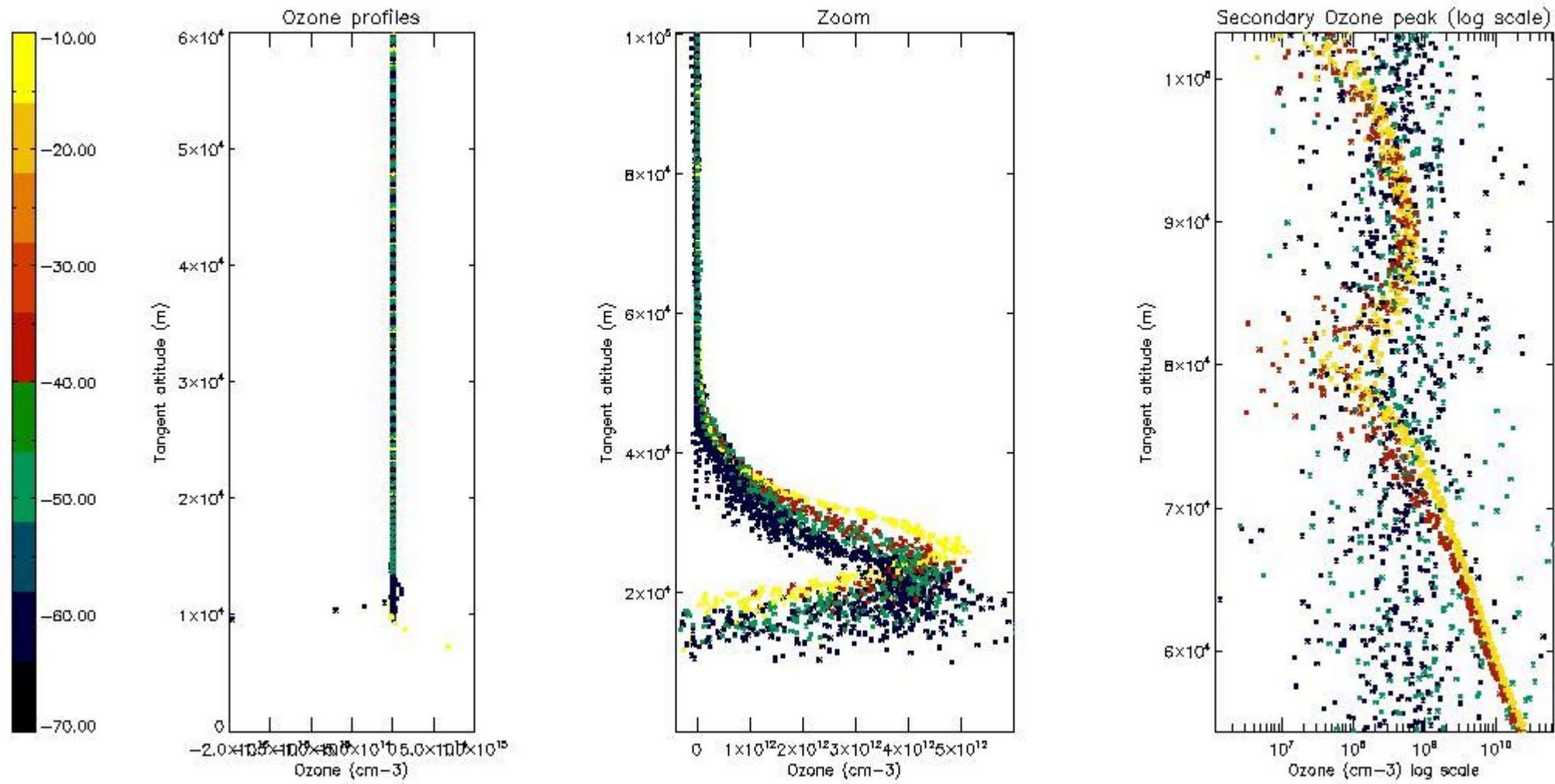
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	10

STD < 10	5
STD < 5	2

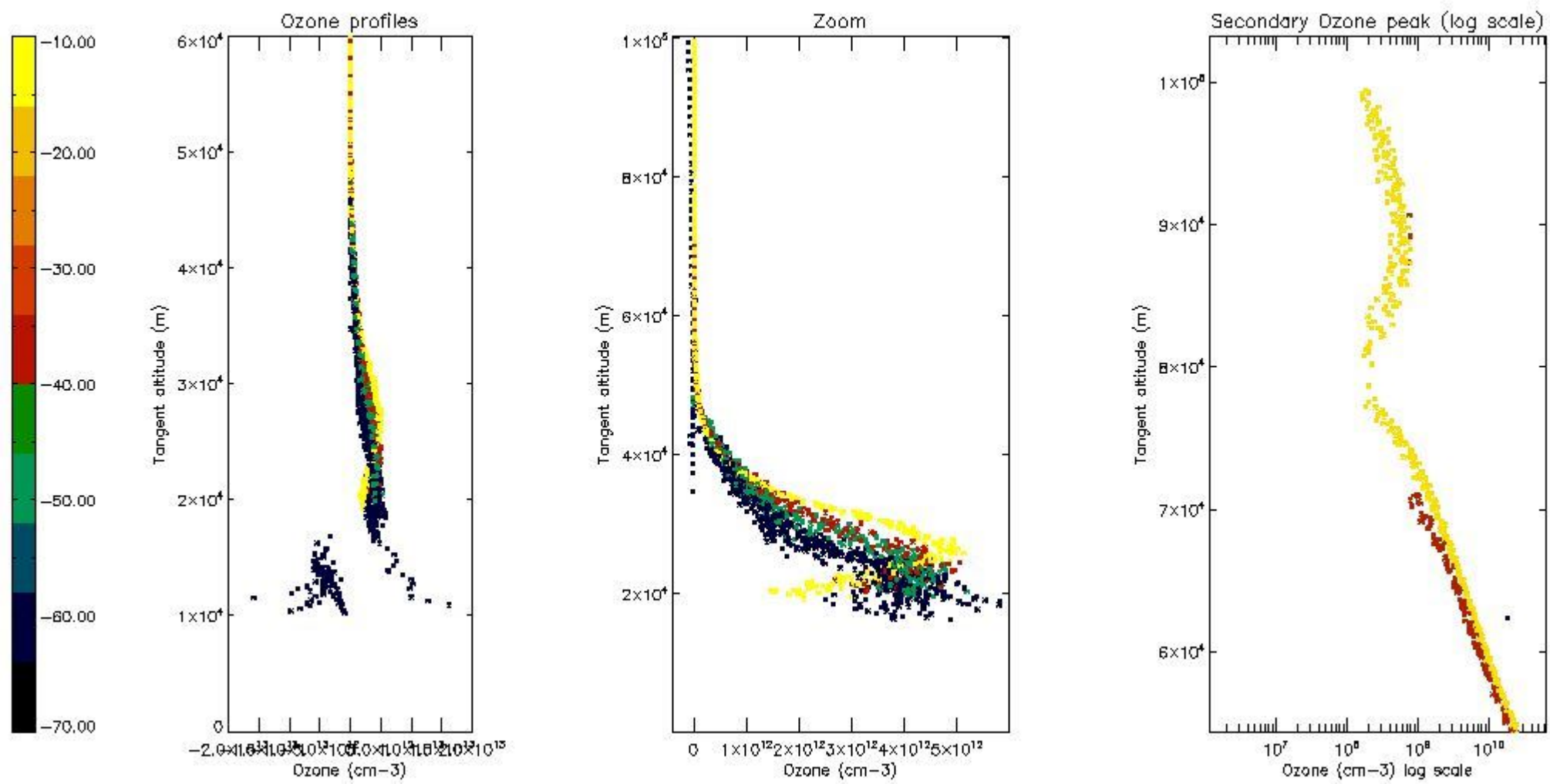
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



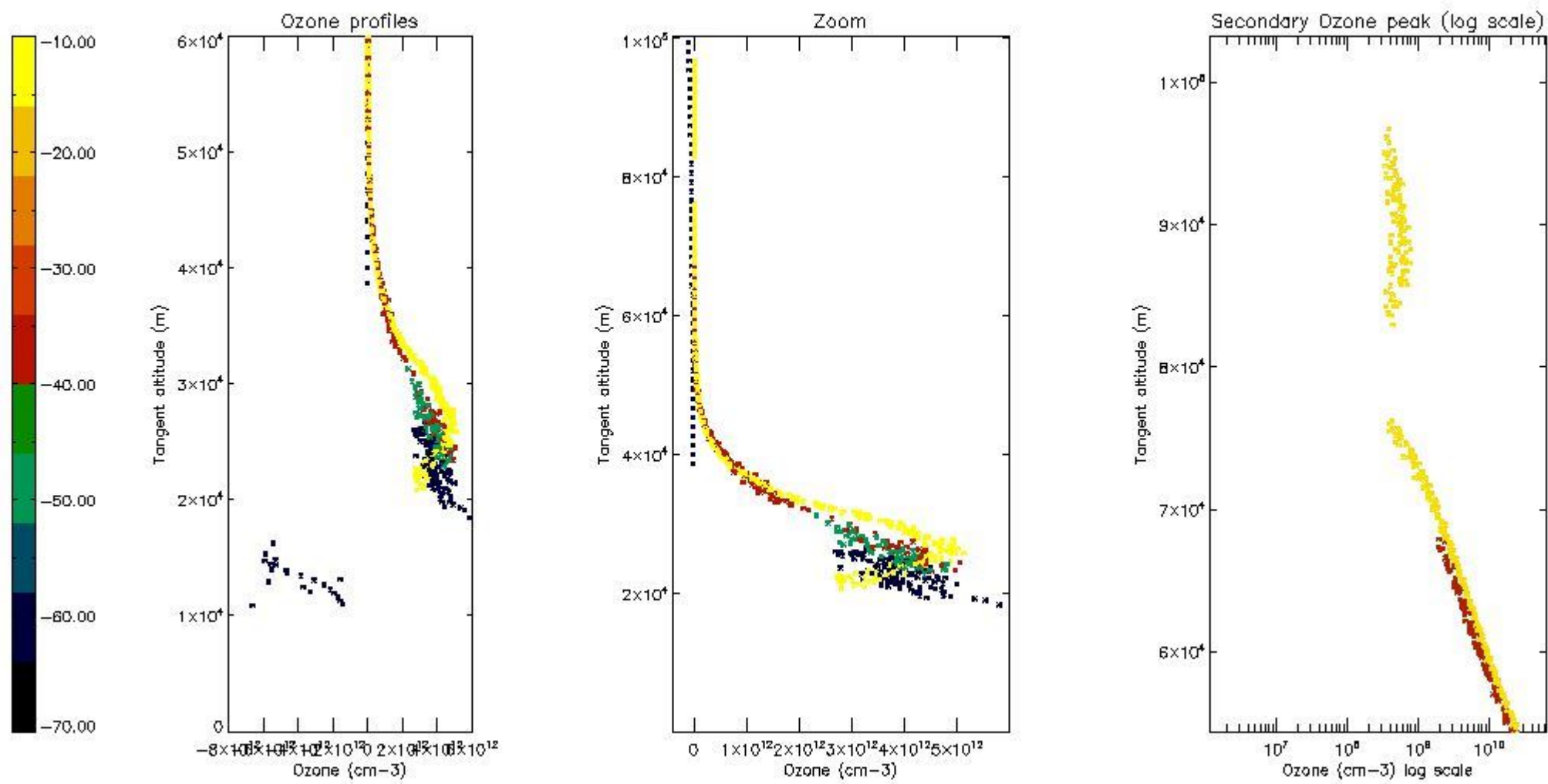
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



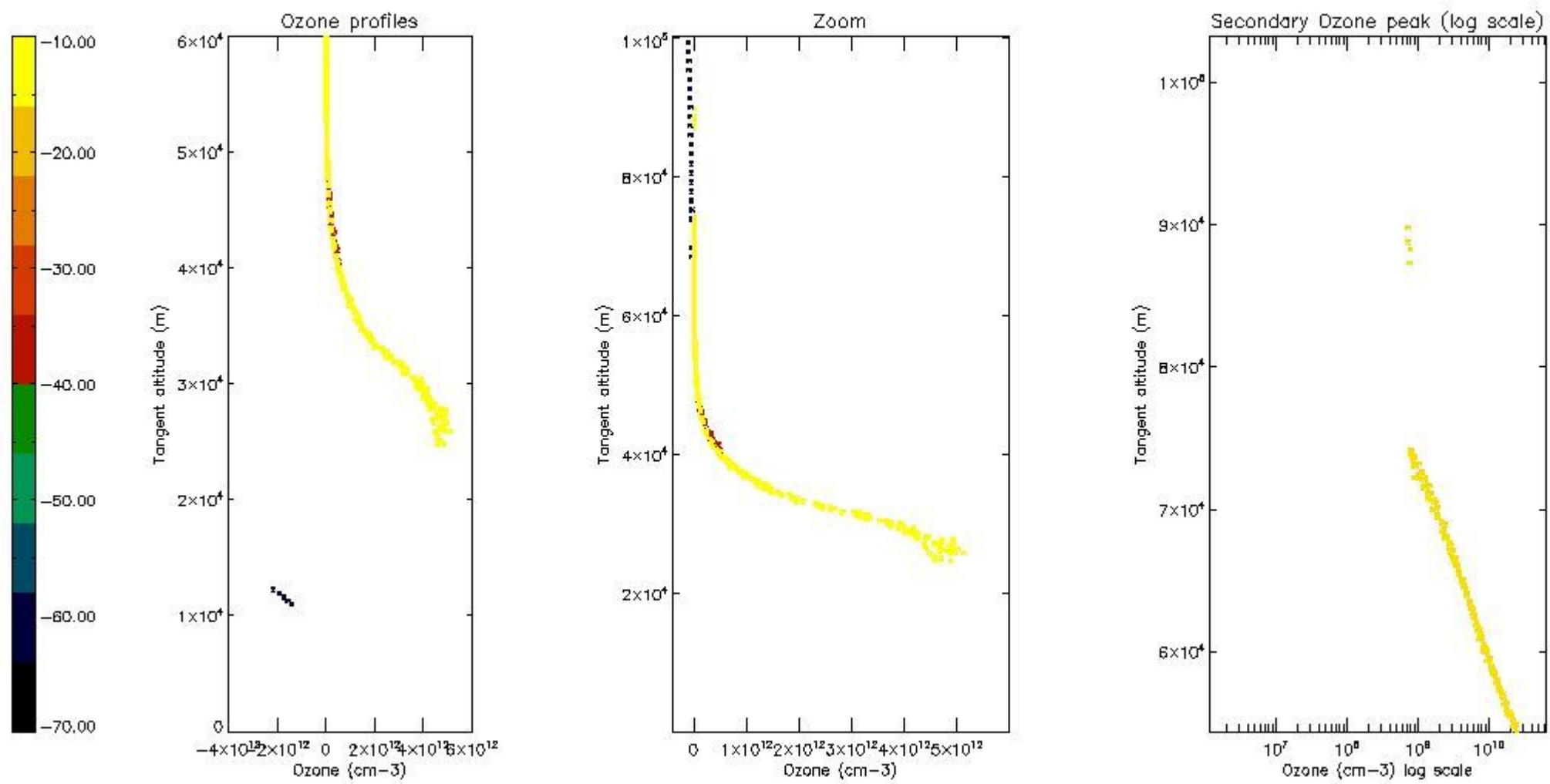
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



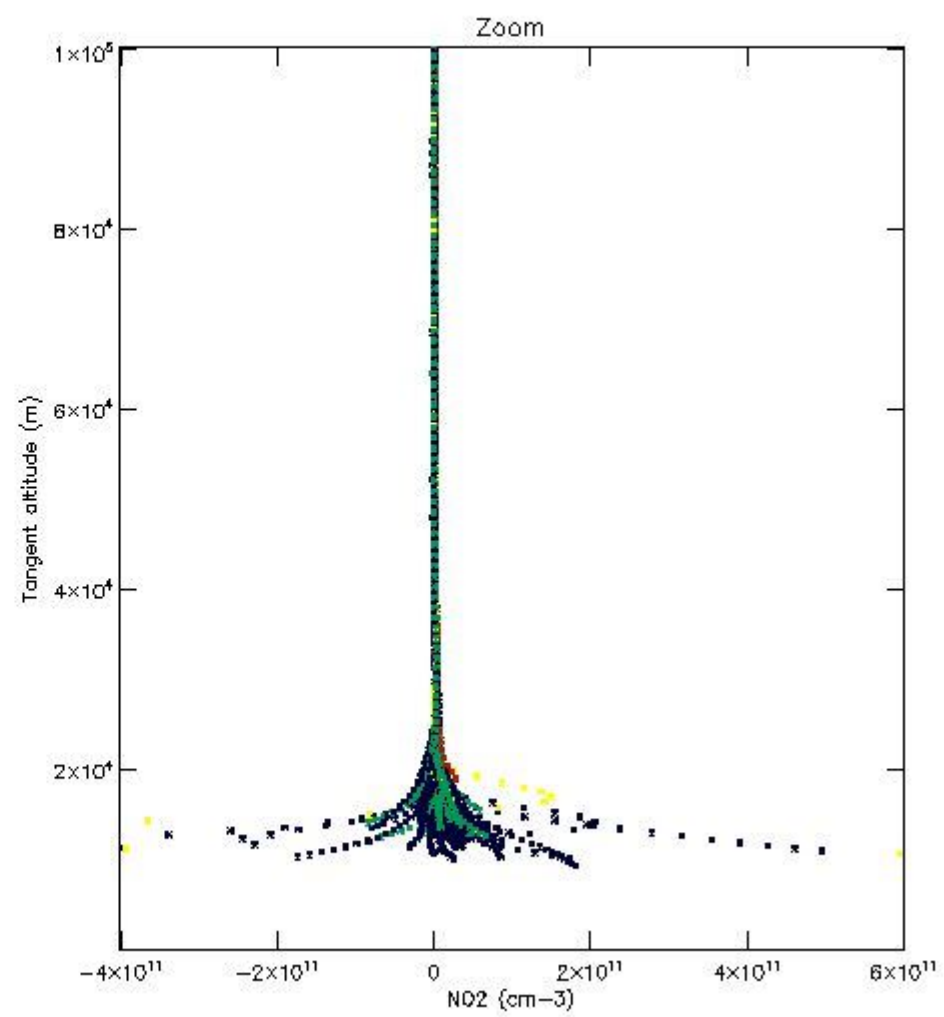
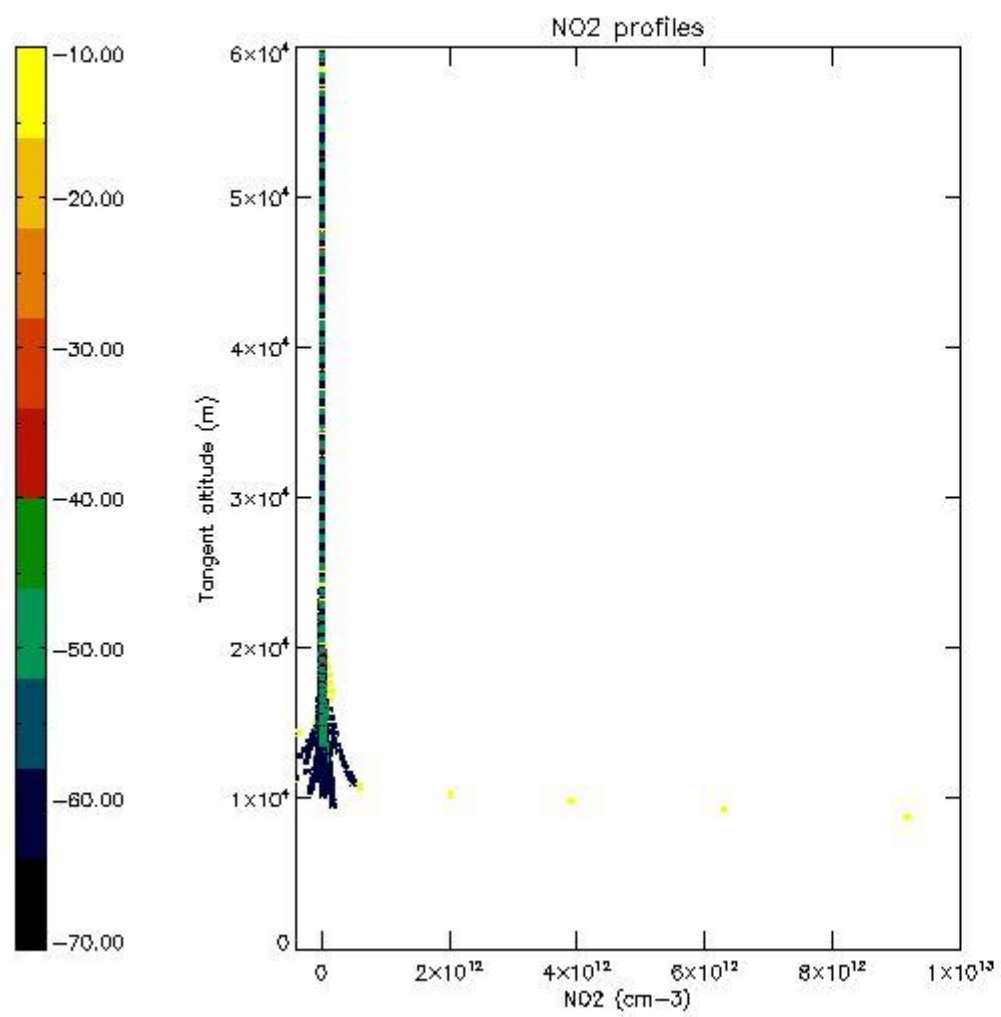
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



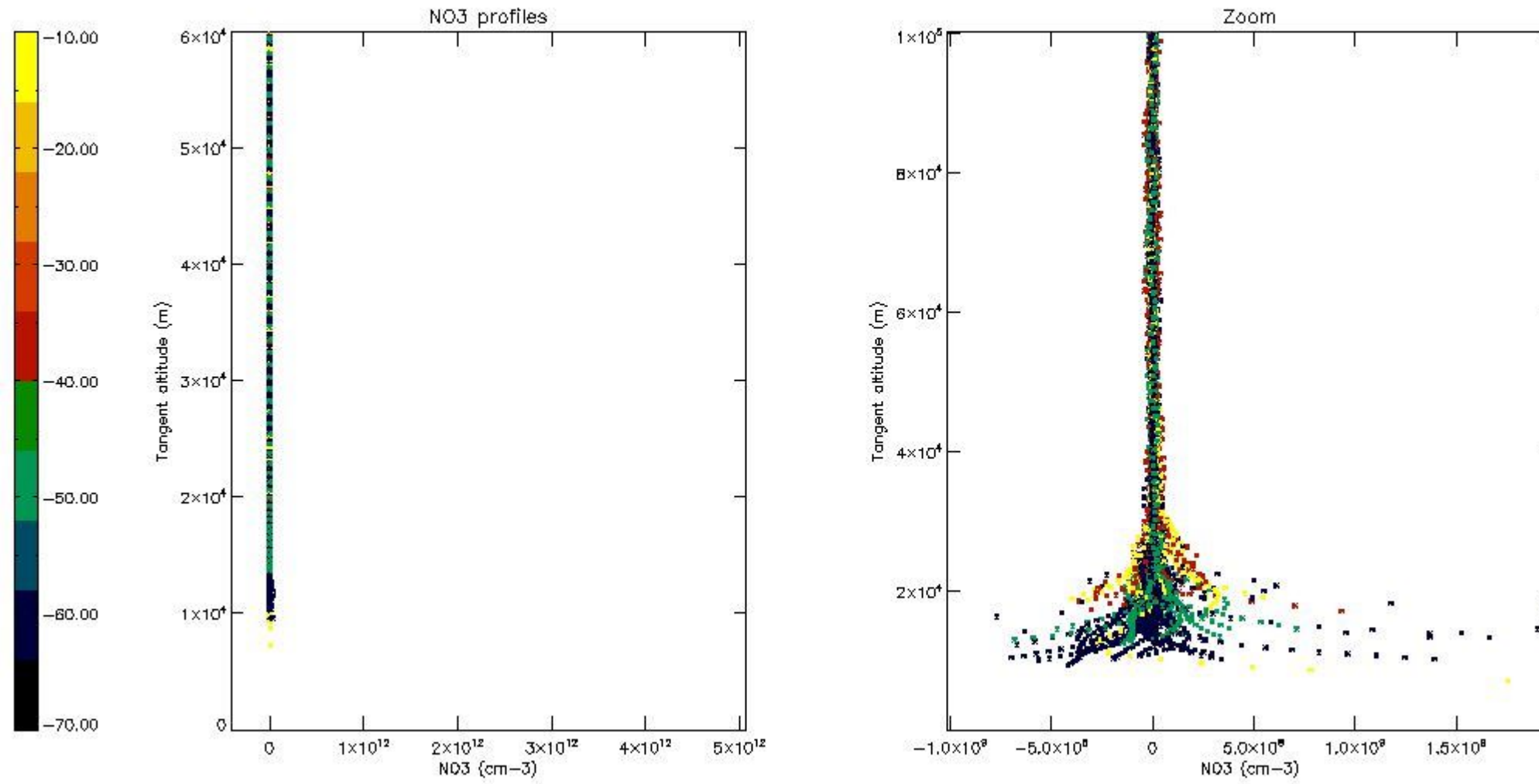
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	25-APR-2010 00:06:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-APR-2010 00:06:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-APR-2010 00:06:45

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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[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 \(dark without errors\)](#)

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[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 10:04:28
Data source version	GOMOS/6.01
Start time of products	25-04-2010 (25APR2010 00:00:00)
Stop time of products	26-04-2010 (26APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	297
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__2PRFIN20100425_000645_000000412088_00474_42612_6148.N1	25-APR-2010 00:06:45	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42612	No
2	GOM_NL__2PRFIN20100425_001727_000000422088_00474_42612_6149.N1	25-APR-2010 00:17:27	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	42612	No
3	GOM_NL__2PRFIN20100425_002141_000000452088_00474_42612_6150.N1	25-APR-2010 00:21:41	Twilight	44.500	90	54Alp Peg	2.4870	11000.	89	42612	No
4	GOM_NL__2PRFIN20100425_002521_000000602088_00474_42612_6151.N1	25-APR-2010 00:25:21	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	42612	No
5	GOM_NL__2PRFIN20100425_002748_000000502088_00474_42612_6152.N1	25-APR-2010 00:27:48	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42612	No
6	GOM_NL__2PRFIN20100425_003059_000000552088_00474_42612_6153.N1	25-APR-2010 00:30:59	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42612	No
7	GOM_NL__2PRFIN20100425_004514_000000422088_00475_42613_6142.N1	25-APR-2010 00:45:14	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42613	No
8	GOM_NL__2PRFIN20100425_005248_000000422088_00475_42613_6143.N1	25-APR-2010 00:52:48	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	42613	No
9	GOM_NL__2PRFIN20100425_005414_000000542088_00475_42613_6144.N1	25-APR-2010 00:54:14	Straylight	54.000	40	The Sco	1.8590	7100.0	108	42613	No
10	GOM_NL__2PRFIN20100425_005956_000000422088_00475_42613_6145.N1	25-APR-2010 00:59:56	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42613	No
11	GOM_NL__2PRFIN20100425_010129_000000422088_00475_42613_6146.N1	25-APR-2010 01:01:29	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42613	No
12	GOM_NL__2PRFIN20100425_010341_000000492088_00475_42613_6147.N1	25-APR-2010 01:03:41	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42613	No
13	GOM_NL__2PRFIN20100425_010930_000000512088_00475_42613_6148.N1	25-APR-2010 01:09:30	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42613	No
14	GOM_NL__2PRFIN20100425_011131_000000422088_00475_42613_6149.N1	25-APR-2010 01:11:31	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42613	No
15	GOM_NL__2PRFIN20100425_011802_000000372088_00475_42613_6150.N1	25-APR-2010 01:18:02	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42613	No
16	GOM_NL__2PRFIN20100425_012042_000000442088_00475_42613_6151.N1	25-APR-2010 01:20:42	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42613	No
17	GOM_NL__2PRFIN20100425_012553_000000372088_00475_42613_6152.N1	25-APR-2010 01:25:53	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42613	No
18	GOM_NL__2PRFIN20100425_012752_000000442088_00475_42613_6153.N1	25-APR-2010 01:27:52	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	42613	No
19	GOM_NL__2PRFIN20100425_012944_000000402088_00475_42613_6154.N1	25-APR-2010 01:29:44	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42613	No
20	GOM_NL__2PRFIN20100425_013707_000000512088_00475_42613_6155.N1	25-APR-2010 01:37:07	Bright	50.500	60	7Bet UMi	2.0810	3950.0	101	42613	No
21	GOM_NL__2PRFIN20100425_014721_000000412088_00475_42613_6156.N1	25-APR-2010 01:47:21	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42613	No
22	GOM_NL__2PRFIN20100425_015803_000000412088_00475_42613_6157.N1	25-APR-2010 01:58:03	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	42613	No
23	GOM_NL__2PRFIN20100425_020217_000000452088_00475_42613_6158.N1	25-APR-2010 02:02:17	Twilight	44.500	90	54Alp Peg	2.4870	11000.	89	42613	No
24	GOM_NL__2PRFIN20100425_020557_000000612088_00475_42613_6159.N1	25-APR-2010 02:05:57	Dark	60.500	61	8Eps Peg	2.1000	3900.0	121	42613	No
25	GOM_NL__2PRFIN20100425_020825_000000492088_00475_42613_6160.N1	25-APR-2010 02:08:25	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42613	No
26	GOM_NL__2PRFIN20100425_021136_000000572088_00475_42613_6161.N1	25-APR-2010 02:11:36	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	42613	No
27	GOM_NL__2PRFIN20100425_022551_000000412088_00476_42614_6150.N1	25-APR-2010 02:25:51	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42614	No
28	GOM_NL__2PRFIN20100425_023324_000000452088_00476_42614_6151.N1	25-APR-2010 02:33:24	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	42614	No
29	GOM_NL__2PRFIN20100425_023450_000000532088_00476_42614_6152.N1	25-APR-2010 02:34:50	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42614	No
30	GOM_NL__2PRFIN20100425_024032_000000392088_00476_42614_6153.N1	25-APR-2010 02:40:32	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	42614	No
31	GOM_NL__2PRFIN20100425_024206_000000432088_00476_42614_6154.N1	25-APR-2010 02:42:06	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42614	No
32	GOM_NL__2PRFIN20100425_024417_000000462088_00476_42614_6155.N1	25-APR-2010 02:44:17	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42614	No
33	GOM_NL__2PRFIN20100425_025006_000000502088_00476_42614_6156.N1	25-APR-2010 02:50:06	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42614	No
34	GOM_NL__2PRFIN20100425_025207_000000412088_00476_42614_6157.N1	25-APR-2010 02:52:07	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42614	No
35	GOM_NL__2PRFIN20100425_025837_000000372088_00476_42614_6158.N1	25-APR-2010 02:58:37	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42614	No
36	GOM_NL__2PRFIN20100425_030117_000000402088_00476_42614_6159.N1	25-APR-2010 03:01:17	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	42614	No
37	GOM_NL__2PRFIN20100425_030629_000000362088_00476_42614_6160.N1	25-APR-2010 03:06:29	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	42614	No
38	GOM_NL__2PRFIN20100425_030827_000000432088_00476_42614_6161.N1	25-APR-2010 03:08:27	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	42614	No
39	GOM_NL__2PRFIN20100425_031019_000000402088_00476_42614_6162.N1	25-APR-2010 03:10:19	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42614	No
40	GOM_NL__2PRFIN20100425_031743_000000412088_00476_42614_6163.N1	25-APR-2010 03:17:43	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42614	No
41	GOM_NL__2PRFIN20100425_032756_000000432088_00476_42614_6164.N1	25-APR-2010 03:27:56	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42614	No
42	GOM_NL__2PRFIN20100425_033839_000000432088_00476_42614_6165.N1	25-APR-2010 03:38:39	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	42614	No

43	GOM_NL__2PRFIN20100425_034253_000000422088_00476_42614_6166.N1	25-APR-2010 03:42:53	Twilight	42.000	90	54Alp Peg	2.4870	11000.	84	42614	No
44	GOM_NL__2PRFIN20100425_034634_000000582088_00476_42614_6167.N1	25-APR-2010 03:46:34	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	42614	No
45	GOM_NL__2PRFIN20100425_034901_000000462088_00476_42614_6168.N1	25-APR-2010 03:49:01	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42614	No
46	GOM_NL__2PRFIN20100425_035923_000000422088_00476_42614_6169.N1	25-APR-2010 03:59:23	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42614	No
47	GOM_NL__2PRFIN20100425_040627_000000422088_00477_42615_6158.N1	25-APR-2010 04:06:27	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42615	No
48	GOM_NL__2PRFIN20100425_041401_000000452088_00477_42615_6159.N1	25-APR-2010 04:14:01	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	42615	No
49	GOM_NL__2PRFIN20100425_041528_000000602088_00477_42615_6160.N1	25-APR-2010 04:15:28	Straylight	60.000	40	The Sco	1.8590	7100.0	120	42615	No
50	GOM_NL__2PRFIN20100425_042108_000000412088_00477_42615_6161.N1	25-APR-2010 04:21:08	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42615	No
51	GOM_NL__2PRFIN20100425_042242_000000422088_00477_42615_6162.N1	25-APR-2010 04:22:42	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42615	No
52	GOM_NL__2PRFIN20100425_042454_000000442088_00477_42615_6163.N1	25-APR-2010 04:24:54	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	42615	No
53	GOM_NL__2PRFIN20100425_043042_000000492088_00477_42615_6164.N1	25-APR-2010 04:30:42	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	42615	No
54	GOM_NL__2PRFIN20100425_043243_000000402088_00477_42615_6165.N1	25-APR-2010 04:32:43	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	42615	No
55	GOM_NL__2PRFIN20100425_043914_000000372088_00477_42615_6166.N1	25-APR-2010 04:39:14	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42615	No
56	GOM_NL__2PRFIN20100425_044153_000000422088_00477_42615_6167.N1	25-APR-2010 04:41:53	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42615	No
57	GOM_NL__2PRFIN20100425_044705_000000372088_00477_42615_6168.N1	25-APR-2010 04:47:05	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42615	No
58	GOM_NL__2PRFIN20100425_044902_000000462088_00477_42615_6169.N1	25-APR-2010 04:49:02	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42615	No
59	GOM_NL__2PRFIN20100425_045055_000000422088_00477_42615_6170.N1	25-APR-2010 04:50:55	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42615	No
60	GOM_NL__2PRFIN20100425_045819_000000412088_00477_42615_6171.N1	25-APR-2010 04:58:19	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42615	No
61	GOM_NL__2PRFIN20100425_050832_000000432088_00477_42615_6172.N1	25-APR-2010 05:08:32	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42615	No
62	GOM_NL__2PRFIN20100425_051916_000000402088_00477_42615_6173.N1	25-APR-2010 05:19:16	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42615	No
63	GOM_NL__2PRFIN20100425_052330_000000432088_00477_42615_6174.N1	25-APR-2010 05:23:30	Twilight	43.000	90	54Alp Peg	2.4870	11000.	86	42615	No
64	GOM_NL__2PRFIN20100425_052710_000000602088_00477_42615_6175.N1	25-APR-2010 05:27:10	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	42615	No
65	GOM_NL__2PRFIN20100425_052938_000000492088_00477_42615_6176.N1	25-APR-2010 05:29:38	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42615	No
66	GOM_NL__2PRFIN20100425_053250_000000562088_00477_42615_6177.N1	25-APR-2010 05:32:50	Dark	56.000	154	22Bet Aqr	2.8990	5700.0	112	42615	No
67	GOM_NL__2PRFIN20100425_053959_000000412088_00477_42615_6178.N1	25-APR-2010 05:39:59	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42615	No
68	GOM_NL__2PRFIN20100425_054704_000000402088_00478_42616_6166.N1	25-APR-2010 05:47:04	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42616	No
69	GOM_NL__2PRFIN20100425_055437_000000442088_00478_42616_6167.N1	25-APR-2010 05:54:37	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42616	No
70	GOM_NL__2PRFIN20100425_055605_000000562088_00478_42616_6168.N1	25-APR-2010 05:56:05	Straylight	56.000	40	The Sco	1.8590	7100.0	112	42616	No
71	GOM_NL__2PRFIN20100425_060145_000000422088_00478_42616_6169.N1	25-APR-2010 06:01:45	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42616	No
72	GOM_NL__2PRFIN20100425_060319_000000432088_00478_42616_6170.N1	25-APR-2010 06:03:19	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42616	No
73	GOM_NL__2PRFIN20100425_060530_000000472088_00478_42616_6171.N1	25-APR-2010 06:05:30	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42616	No
74	GOM_NL__2PRFIN20100425_061118_000000502088_00478_42616_6172.N1	25-APR-2010 06:11:18	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42616	No
75	GOM_NL__2PRFIN20100425_061319_000000412088_00478_42616_6173.N1	25-APR-2010 06:13:19	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42616	No
76	GOM_NL__2PRFIN20100425_061949_000000372088_00478_42616_6174.N1	25-APR-2010 06:19:49	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42616	No
77	GOM_NL__2PRFIN20100425_062229_000000412088_00478_42616_6175.N1	25-APR-2010 06:22:29	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	42616	No
78	GOM_NL__2PRFIN20100425_062741_000000342088_00478_42616_6176.N1	25-APR-2010 06:27:41	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	42616	No
79	GOM_NL__2PRFIN20100425_062938_000000452088_00478_42616_6177.N1	25-APR-2010 06:29:38	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	42616	No
80	GOM_NL__2PRFIN20100425_063130_000000412088_00478_42616_6178.N1	25-APR-2010 06:31:30	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42616	No
81	GOM_NL__2PRFIN20100425_063854_000000402088_00478_42616_6179.N1	25-APR-2010 06:38:54	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42616	No
82	GOM_NL__2PRFIN20100425_064908_000000392088_00478_42616_6180.N1	25-APR-2010 06:49:08	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42616	No
83	GOM_NL__2PRFIN20100425_065952_000000392088_00478_42616_6181.N1	25-APR-2010 06:59:52	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42616	No
84	GOM_NL__2PRFIN20100425_070406_000000452088_00478_42616_6182.N1	25-APR-2010 07:04:06	Twilight	44.500	90	54Alp Peg	2.4870	11000.	89	42616	No
85	GOM_NL__2PRFIN20100425_070747_000000562088_00478_42616_6183.N1	25-APR-2010 07:07:47	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42616	No
86	GOM_NL__2PRFIN20100425_071015_000000492088_00478_42616_6184.N1	25-APR-2010 07:10:15	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42616	No
87	GOM_NL__2PRFIN20100425_071327_000000552088_00478_42616_6185.N1	25-APR-2010 07:13:27	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42616	No
88	GOM_NL__2PRFIN20100425_072036_000000402088_00478_42616_6186.N1	25-APR-2010 07:20:36	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42616	No
89	GOM_NL__2PRFIN20100425_072740_000000512088_00479_42617_6174.N1	25-APR-2010 07:27:40	Dark	50.500	45	Alp Pav	1.9400	26000.	101	42617	No
90	GOM_NL__2PRFIN20100425_073514_000000432088_00479_42617_6175.N1	25-APR-2010 07:35:14	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	42617	No
91	GOM_NL__2PRFIN20100425_073641_000000562088_00479_42617_6176.N1	25-APR-2010 07:36:41	Straylight	56.000	40	The Sco	1.8590	7100.0	112	42617	No
92	GOM_NL__2PRFIN20100425_074221_000000422088_00479_42617_6177.N1	25-APR-2010 07:42:21	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42617	No
93	GOM_NL__2PRFIN20100425_074355_000000432088_00479_42617_6178.N1	25-APR-2010 07:43:55	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42617	No
94	GOM_NL__2PRFIN20100425_074606_000000472088_00479_42617_6179.N1	25-APR-2010 07:46:06	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42617	No
95	GOM_NL__2PRFIN20100425_075154_000000462088_00479_42617_6180.N1	25-APR-2010 07:51:54	Bright	45.500	122	9Alp2Lib	2.7470	9700.0	91	42617	No
96	GOM_NL__2PRFIN20100425_075355_000000422088_00479_42617_6181.N1	25-APR-2010 07:53:55	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42617	No
97	GOM_NL__2PRFIN20100425_080025_000000372088_00479_42617_6182.N1	25-APR-2010 08:00:25	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42617	No
98	GOM_NL__2PRFIN20100425_080305_000000422088_00479_42617_6183.N1	25-APR-2010 08:03:05	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42617	No
99	GOM_NL__2PRFIN20100425_080817_000000372088_00479_42617_6184.N1	25-APR-2010 08:08:17	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42617	No
100	GOM_NL__2PRFIN20100425_081013_000000462088_00479_42617_6185.N1	25-APR-2010 08:10:13	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	42617	No
101	GOM_NL__2PRFIN20100425_081206_000000402088_00479_42617_6186.N1	25-APR-2010 08:12:06	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42617	No

102	GOM_NL__2PRFIN20100425_081930_000000382088_00479_42617_6187.N1	25-APR-2010 08:19:30	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42617	No
103	GOM_NL__2PRFIN20100425_082944_000000422088_00479_42617_6188.N1	25-APR-2010 08:29:44	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42617	No
104	GOM_NL__2PRFIN20100425_084028_000000412088_00479_42617_6189.N1	25-APR-2010 08:40:28	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	42617	No
105	GOM_NL__2PRFIN20100425_084442_000000432088_00479_42617_6190.N1	25-APR-2010 08:44:42	Tw_i_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42617	No
106	GOM_NL__2PRFIN20100425_084824_000000602088_00479_42617_6191.N1	25-APR-2010 08:48:24	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	42617	No
107	GOM_NL__2PRFIN20100425_085052_000000492088_00479_42617_6192.N1	25-APR-2010 08:50:52	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42617	No
108	GOM_NL__2PRFIN20100425_085404_000000532088_00479_42617_6193.N1	25-APR-2010 08:54:04	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	42617	No
109	GOM_NL__2PRFIN20100425_090113_000000412088_00479_42617_6194.N1	25-APR-2010 09:01:13	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42617	No
110	GOM_NL__2PRFIN20100425_090817_000000402088_00480_42618_6182.N1	25-APR-2010 09:08:17	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42618	No
111	GOM_NL__2PRFIN20100425_091551_000000432088_00480_42618_6183.N1	25-APR-2010 09:15:51	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	42618	No
112	GOM_NL__2PRFIN20100425_091719_000000562088_00480_42618_6184.N1	25-APR-2010 09:17:19	Straylight	56.000	40	The Sco	1.8590	7100.0	112	42618	No
113	GOM_NL__2PRFIN20100425_092257_000000432088_00480_42618_6185.N1	25-APR-2010 09:22:57	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42618	No
114	GOM_NL__2PRFIN20100425_092431_000000412088_00480_42618_6186.N1	25-APR-2010 09:24:31	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	42618	No
115	GOM_NL__2PRFIN20100425_092642_000000462088_00480_42618_6187.N1	25-APR-2010 09:26:42	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42618	No
116	GOM_NL__2PRFIN20100425_093230_000000492088_00480_42618_6188.N1	25-APR-2010 09:32:30	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	42618	No
117	GOM_NL__2PRFIN20100425_093431_000000392088_00480_42618_6189.N1	25-APR-2010 09:34:31	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	42618	No
118	GOM_NL__2PRFIN20100425_094101_000000382088_00480_42618_6190.N1	25-APR-2010 09:41:01	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42618	No
119	GOM_NL__2PRFIN20100425_094340_000000422088_00480_42618_6191.N1	25-APR-2010 09:43:40	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42618	No
120	GOM_NL__2PRFIN20100425_094852_000000362088_00480_42618_6192.N1	25-APR-2010 09:48:52	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	42618	No
121	GOM_NL__2PRFIN20100425_095049_000000452088_00480_42618_6193.N1	25-APR-2010 09:50:49	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42618	No
122	GOM_NL__2PRFIN20100425_095242_000000392088_00480_42618_6194.N1	25-APR-2010 09:52:42	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42618	No
123	GOM_NL__2PRFIN20100425_100006_000000562088_00480_42618_6195.N1	25-APR-2010 10:00:06	Bright	56.000	60	7Bet UMi	2.0810	3950.0	112	42618	No
124	GOM_NL__2PRFIN20100425_101019_000000422088_00480_42618_6196.N1	25-APR-2010 10:10:19	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42618	No
125	GOM_NL__2PRFIN20100425_102104_000000442088_00480_42618_6197.N1	25-APR-2010 10:21:04	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	42618	No
126	GOM_NL__2PRFIN20100425_102518_000000422088_00480_42618_6198.N1	25-APR-2010 10:25:18	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42618	No
127	GOM_NL__2PRFIN20100425_102901_000000612088_00480_42618_6199.N1	25-APR-2010 10:29:01	Dark	60.500	61	8Eps Peg	2.1000	3900.0	121	42618	No
128	GOM_NL__2PRFIN20100425_103128_000000502088_00480_42618_6200.N1	25-APR-2010 10:31:28	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42618	No
129	GOM_NL__2PRFIN20100425_103441_000000542088_00480_42618_6201.N1	25-APR-2010 10:34:41	Dark	53.500	154	22Bet Aqr	2.8990	5700.0	107	42618	No
130	GOM_NL__2PRFIN20100425_104149_000000402088_00480_42618_6202.N1	25-APR-2010 10:41:49	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42618	No
131	GOM_NL__2PRFIN20100425_104854_000000392088_00481_42619_6190.N1	25-APR-2010 10:48:54	Dark	38.500	45	Alp Pav	1.9400	26000.	77	42619	No
132	GOM_NL__2PRFIN20100425_105627_000000462088_00481_42619_6191.N1	25-APR-2010 10:56:27	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	42619	No
133	GOM_NL__2PRFIN20100425_105755_000000622088_00481_42619_6192.N1	25-APR-2010 10:57:55	Straylight	61.500	40	The Sco	1.8590	7100.0	123	42619	No
134	GOM_NL__2PRFIN20100425_110334_000000392088_00481_42619_6193.N1	25-APR-2010 11:03:34	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	42619	No
135	GOM_NL__2PRFIN20100425_110507_000000432088_00481_42619_6194.N1	25-APR-2010 11:05:07	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42619	No
136	GOM_NL__2PRFIN20100425_110718_000000452088_00481_42619_6195.N1	25-APR-2010 11:07:18	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	42619	No
137	GOM_NL__2PRFIN20100425_111306_000000482088_00481_42619_6196.N1	25-APR-2010 11:13:06	Bright	48.000	122	9Alp2Lib	2.7470	9700.0	96	42619	No
138	GOM_NL__2PRFIN20100425_111507_000000412088_00481_42619_6197.N1	25-APR-2010 11:15:07	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42619	No
139	GOM_NL__2PRFIN20100425_112137_000000372088_00481_42619_6198.N1	25-APR-2010 11:21:37	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42619	No
140	GOM_NL__2PRFIN20100425_112416_000000432088_00481_42619_6199.N1	25-APR-2010 11:24:16	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	42619	No
141	GOM_NL__2PRFIN20100425_112928_000000372088_00481_42619_6200.N1	25-APR-2010 11:29:28	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42619	No
142	GOM_NL__2PRFIN20100425_113124_000000432088_00481_42619_6201.N1	25-APR-2010 11:31:24	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	42619	No
143	GOM_NL__2PRFIN20100425_113317_000000402088_00481_42619_6202.N1	25-APR-2010 11:33:17	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42619	No
144	GOM_NL__2PRFIN20100425_114041_000000412088_00481_42619_6203.N1	25-APR-2010 11:40:41	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42619	No
145	GOM_NL__2PRFIN20100425_115055_000000412088_00481_42619_6204.N1	25-APR-2010 11:50:55	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42619	No
146	GOM_NL__2PRFIN20100425_120140_000000572088_00481_42619_6205.N1	25-APR-2010 12:01:40	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	42619	No
147	GOM_NL__2PRFIN20100425_120554_000000412088_00481_42619_6206.N1	25-APR-2010 12:05:54	Tw_i_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	42619	No
148	GOM_NL__2PRFIN20100425_120937_000000592088_00481_42619_6207.N1	25-APR-2010 12:09:37	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	42619	No
149	GOM_NL__2PRFIN20100425_121204_000000502088_00481_42619_6208.N1	25-APR-2010 12:12:04	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	42619	No
150	GOM_NL__2PRFIN20100425_121517_000000562088_00481_42619_6209.N1	25-APR-2010 12:15:17	Dark	56.000	154	22Bet Aqr	2.8990	5700.0	112	42619	No
151	GOM_NL__2PRFIN20100425_122225_000000392088_00481_42619_6210.N1	25-APR-2010 12:22:25	Dark	39.000	172	Gam Gru	3.0030	13100.	78	42619	No
152	GOM_NL__2PRFIN20100425_122930_000000402088_00482_42620_6198.N1	25-APR-2010 12:29:30	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42620	No
153	GOM_NL__2PRFIN20100425_123703_000000422088_00482_42620_6199.N1	25-APR-2010 12:37:03	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	42620	No
154	GOM_NL__2PRFIN20100425_123832_000000522088_00482_42620_6200.N1	25-APR-2010 12:38:32	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42620	No
155	GOM_NL__2PRFIN20100425_124410_000000402088_00482_42620_6201.N1	25-APR-2010 12:44:10	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	42620	No
156	GOM_NL__2PRFIN20100425_124543_000000422088_00482_42620_6202.N1	25-APR-2010 12:45:43	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42620	No
157	GOM_NL__2PRFIN20100425_124754_000000452088_00482_42620_6203.N1	25-APR-2010 12:47:54	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42620	No
158	GOM_NL__2PRFIN20100425_125342_000000502088_00482_42620_6204.N1	25-APR-2010 12:53:42	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42620	No
159	GOM_NL__2PRFIN20100425_125543_000000422088_00482_42620_6205.N1	25-APR-2010 12:55:43	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42620	No
160	GOM_NL__2PRFIN20100425_130213_000000362088_00482_42620_6206.N1	25-APR-2010 13:02:13	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	42620	No

161	GOM_NL__2PRFIN20100425_130451_000000422088_00482_42620_6207.N1	25-APR-2010 13:04:51	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42620	No
162	GOM_NL__2PRFIN20100425_131004_000000362088_00482_42620_6208.N1	25-APR-2010 13:10:04	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	42620	No
163	GOM_NL__2PRFIN20100425_131159_000000442088_00482_42620_6209.N1	25-APR-2010 13:11:59	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	42620	No
164	GOM_NL__2PRFIN20100425_131353_000000412088_00482_42620_6210.N1	25-APR-2010 13:13:53	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42620	No
165	GOM_NL__2PRFIN20100425_132117_000000402088_00482_42620_6211.N1	25-APR-2010 13:21:17	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42620	No
166	GOM_NL__2PRFIN20100425_133131_000000412088_00482_42620_6212.N1	25-APR-2010 13:31:31	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42620	No
167	GOM_NL__2PRFIN20100425_134216_000000542088_00482_42620_6213.N1	25-APR-2010 13:42:16	Bright	54.000	164	44Eta Peg	2.9480	5400.0	108	42620	No
168	GOM_NL__2PRFIN20100425_134631_000000442088_00482_42620_6214.N1	25-APR-2010 13:46:31	Twl_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42620	No
169	GOM_NL__2PRFIN20100425_135014_000000582088_00482_42620_6215.N1	25-APR-2010 13:50:14	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	42620	No
170	GOM_NL__2PRFIN20100425_135241_000000492088_00482_42620_6216.N1	25-APR-2010 13:52:41	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42620	No
171	GOM_NL__2PRFIN20100425_135555_000000552088_00482_42620_6217.N1	25-APR-2010 13:55:55	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42620	No
172	GOM_NL__2PRFIN20100425_140302_000000402088_00482_42620_6218.N1	25-APR-2010 14:03:02	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42620	No
173	GOM_NL__2PRFIN20100425_141007_000000422088_00483_42621_6206.N1	25-APR-2010 14:10:07	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42621	No
174	GOM_NL__2PRFIN20100425_141740_000000512088_00483_42621_6207.N1	25-APR-2010 14:17:40	Straylight	51.000	141	Bet Ara	2.8400	4600.0	102	42621	No
175	GOM_NL__2PRFIN20100425_141909_000000592088_00483_42621_6208.N1	25-APR-2010 14:19:09	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42621	No
176	GOM_NL__2PRFIN20100425_142446_000000412088_00483_42621_6209.N1	25-APR-2010 14:24:46	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42621	No
177	GOM_NL__2PRFIN20100425_142620_000000422088_00483_42621_6210.N1	25-APR-2010 14:26:20	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42621	No
178	GOM_NL__2PRFIN20100425_142831_000000462088_00483_42621_6211.N1	25-APR-2010 14:28:31	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42621	No
179	GOM_NL__2PRFIN20100425_143418_000000492088_00483_42621_6212.N1	25-APR-2010 14:34:18	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	42621	No
180	GOM_NL__2PRFIN20100425_143619_000000422088_00483_42621_6213.N1	25-APR-2010 14:36:19	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42621	No
181	GOM_NL__2PRFIN20100425_144249_000000362088_00483_42621_6214.N1	25-APR-2010 14:42:49	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	42621	No
182	GOM_NL__2PRFIN20100425_144527_000000412088_00483_42621_6215.N1	25-APR-2010 14:45:27	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	42621	No
183	GOM_NL__2PRFIN20100425_145040_000000372088_00483_42621_6216.N1	25-APR-2010 14:50:40	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42621	No
184	GOM_NL__2PRFIN20100425_145234_000000652088_00483_42621_6217.N1	25-APR-2010 14:52:34	Bright	65.000	180	27Gam Boo	3.0400	8000.0	130	42621	No
185	GOM_NL__2PRFIN20100425_145428_000000392088_00483_42621_6218.N1	25-APR-2010 14:54:28	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42621	No
186	GOM_NL__2PRFIN20100425_150153_000000352088_00483_42621_6219.N1	25-APR-2010 15:01:53	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	42621	No
187	GOM_NL__2PRFIN20100425_151206_000000422088_00483_42621_6220.N1	25-APR-2010 15:12:06	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42621	No
188	GOM_NL__2PRFIN20100425_152252_000000422088_00483_42621_6221.N1	25-APR-2010 15:22:52	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	42621	No
189	GOM_NL__2PRFIN20100425_152707_000000452088_00483_42621_6222.N1	25-APR-2010 15:27:07	Twl_and_stray	44.500	90	54Alp Peg	2.4870	11000.	89	42621	No
190	GOM_NL__2PRFIN20100425_153050_000000602088_00483_42621_6223.N1	25-APR-2010 15:30:50	Dark	60.000	61	8Eps Peg	2.1000	3900.0	120	42621	No
191	GOM_NL__2PRFIN20100425_153318_000000442088_00483_42621_6224.N1	25-APR-2010 15:33:18	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42621	No
192	GOM_NL__2PRFIN20100425_153631_000000552088_00483_42621_6225.N1	25-APR-2010 15:36:31	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42621	No
193	GOM_NL__2PRFIN20100425_154338_000000402088_00483_42621_6226.N1	25-APR-2010 15:43:38	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42621	No
194	GOM_NL__2PRFIN20100425_155043_000000402088_00484_42622_6261.N1	25-APR-2010 15:50:43	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42622	No
195	GOM_NL__2PRFIN20100425_155817_000000452088_00484_42622_6262.N1	25-APR-2010 15:58:17	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	42622	No
196	GOM_NL__2PRFIN20100425_155946_000000622088_00484_42622_6263.N1	25-APR-2010 15:59:46	Straylight	62.000	40	The Sco	1.8590	7100.0	124	42622	No
197	GOM_NL__2PRFIN20100425_160522_000000432088_00484_42622_6264.N1	25-APR-2010 16:05:22	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42622	No
198	GOM_NL__2PRFIN20100425_160656_000000442088_00484_42622_6265.N1	25-APR-2010 16:06:56	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42622	No
199	GOM_NL__2PRFIN20100425_160907_000000432088_00484_42622_6266.N1	25-APR-2010 16:09:07	Straylight	42.500	54	5The Cen	2.0550	4500.0	85	42622	No
200	GOM_NL__2PRFIN20100425_161454_000000512088_00484_42622_6267.N1	25-APR-2010 16:14:54	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42622	No
201	GOM_NL__2PRFIN20100425_161655_000000412088_00484_42622_6268.N1	25-APR-2010 16:16:55	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42622	No
202	GOM_NL__2PRFIN20100425_162325_000000362088_00484_42622_6269.N1	25-APR-2010 16:23:25	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	42622	No
203	GOM_NL__2PRFIN20100425_162603_000000412088_00484_42622_6270.N1	25-APR-2010 16:26:03	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	42622	No
204	GOM_NL__2PRFIN20100425_163115_000000382088_00484_42622_6271.N1	25-APR-2010 16:31:15	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42622	No
205	GOM_NL__2PRFIN20100425_163309_000000462088_00484_42622_6272.N1	25-APR-2010 16:33:09	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42622	No
206	GOM_NL__2PRFIN20100425_163504_000000412088_00484_42622_6273.N1	25-APR-2010 16:35:04	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42622	No
207	GOM_NL__2PRFIN20100425_164228_000000382088_00484_42622_6274.N1	25-APR-2010 16:42:28	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42622	No
208	GOM_NL__2PRFIN20100425_165242_000000462088_00484_42622_6275.N1	25-APR-2010 16:52:42	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42622	No
209	GOM_NL__2PRFIN20100425_170328_000000382088_00484_42622_6276.N1	25-APR-2010 17:03:28	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	42622	No
210	GOM_NL__2PRFIN20100425_170743_000000432088_00484_42622_6277.N1	25-APR-2010 17:07:43	Twl_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42622	No
211	GOM_NL__2PRFIN20100425_171127_000000582088_00484_42622_6278.N1	25-APR-2010 17:11:27	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	42622	No
212	GOM_NL__2PRFIN20100425_171354_000000522088_00484_42622_6279.N1	25-APR-2010 17:13:54	Dark	52.000	162	34Alp Aqr	2.9440	5350.0	104	42622	No
213	GOM_NL__2PRFIN20100425_171708_000000572088_00484_42622_6280.N1	25-APR-2010 17:17:08	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	42622	No
214	GOM_NL__2PRFIN20100425_172415_000000402088_00484_42622_6281.N1	25-APR-2010 17:24:15	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42622	No
215	GOM_NL__2PRFIN20100425_173120_000000422088_00485_42623_6269.N1	25-APR-2010 17:31:20	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42623	No
216	GOM_NL__2PRFIN20100425_173853_000000462088_00485_42623_6270.N1	25-APR-2010 17:38:53	Straylight	45.500	141	Bet Ara	2.8400	4600.0	91	42623	No
217	GOM_NL__2PRFIN20100425_174023_000000592088_00485_42623_6271.N1	25-APR-2010 17:40:23	Straylight	59.000	40	The Sco	1.8590	7100.0	118	42623	No
218	GOM_NL__2PRFIN20100425_174559_000000432088_00485_42623_6272.N1	25-APR-2010 17:45:59	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42623	No
219	GOM_NL__2PRFIN20100425_174732_000000442088_00485_42623_6273.N1	25-APR-2010 17:47:32	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42623	No

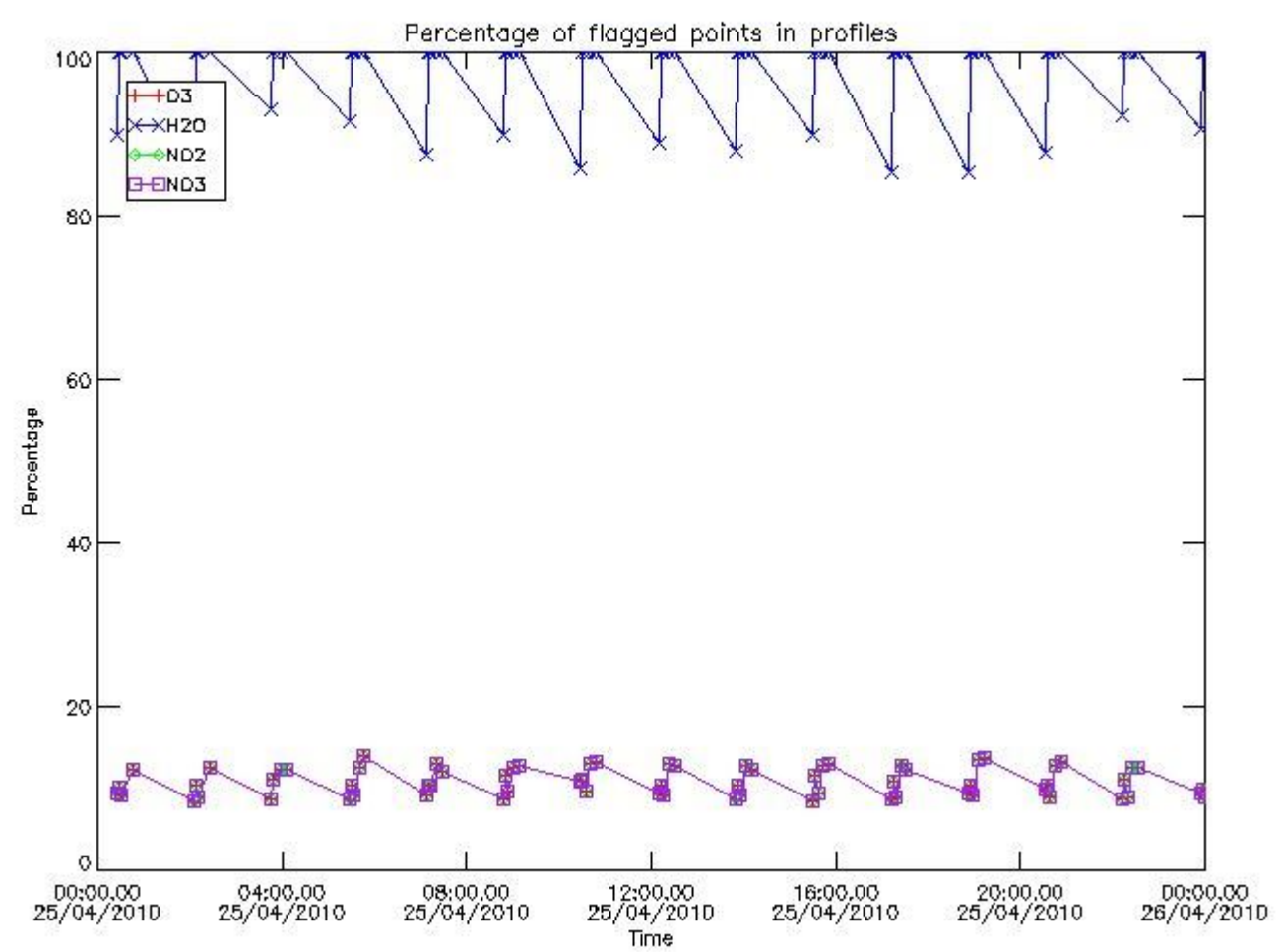
220	GOM_NL__2PRFIN20100425_174943_000000442088_00485_42623_6274.N1	25-APR-2010 17:49:43	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	42623	No
221	GOM_NL__2PRFIN20100425_175530_000000492088_00485_42623_6275.N1	25-APR-2010 17:55:30	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	42623	No
222	GOM_NL__2PRFIN20100425_175731_000000412088_00485_42623_6276.N1	25-APR-2010 17:57:31	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42623	No
223	GOM_NL__2PRFIN20100425_180401_000000372088_00485_42623_6277.N1	25-APR-2010 18:04:01	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42623	No
224	GOM_NL__2PRFIN20100425_180638_000000422088_00485_42623_6278.N1	25-APR-2010 18:06:38	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42623	No
225	GOM_NL__2PRFIN20100425_181152_000000382088_00485_42623_6279.N1	25-APR-2010 18:11:52	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42623	No
226	GOM_NL__2PRFIN20100425_181345_000000432088_00485_42623_6280.N1	25-APR-2010 18:13:45	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	42623	No
227	GOM_NL__2PRFIN20100425_181540_000000412088_00485_42623_6281.N1	25-APR-2010 18:15:40	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42623	No
228	GOM_NL__2PRFIN20100425_182304_000000392088_00485_42623_6282.N1	25-APR-2010 18:23:04	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42623	No
229	GOM_NL__2PRFIN20100425_183318_000000392088_00485_42623_6283.N1	25-APR-2010 18:33:18	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42623	No
230	GOM_NL__2PRFIN20100425_184404_000000422088_00485_42623_6284.N1	25-APR-2010 18:44:04	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	42623	No
231	GOM_NL__2PRFIN20100425_184819_000000422088_00485_42623_6285.N1	25-APR-2010 18:48:19	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42623	No
232	GOM_NL__2PRFIN20100425_185203_000000552088_00485_42623_6286.N1	25-APR-2010 18:52:03	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	42623	No
233	GOM_NL__2PRFIN20100425_185430_000000542088_00485_42623_6287.N1	25-APR-2010 18:54:30	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	42623	No
234	GOM_NL__2PRFIN20100425_185745_000000552088_00485_42623_6288.N1	25-APR-2010 18:57:45	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42623	No
235	GOM_NL__2PRFIN20100425_190452_000000422088_00485_42623_6289.N1	25-APR-2010 19:04:52	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42623	No
236	GOM_NL__2PRFIN20100425_191156_000000412088_00486_42624_6277.N1	25-APR-2010 19:11:56	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42624	No
237	GOM_NL__2PRFIN20100425_191930_000000442088_00486_42624_6278.N1	25-APR-2010 19:19:30	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42624	No
238	GOM_NL__2PRFIN20100425_192100_000000522088_00486_42624_6279.N1	25-APR-2010 19:21:00	Straylight	52.000	40	The Sco	1.8590	7100.0	104	42624	No
239	GOM_NL__2PRFIN20100425_192635_000000402088_00486_42624_6280.N1	25-APR-2010 19:26:35	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	42624	No
240	GOM_NL__2PRFIN20100425_192809_000000412088_00486_42624_6281.N1	25-APR-2010 19:28:09	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	42624	No
241	GOM_NL__2PRFIN20100425_193019_000000442088_00486_42624_6282.N1	25-APR-2010 19:30:19	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	42624	No
242	GOM_NL__2PRFIN20100425_193606_000000482088_00486_42624_6283.N1	25-APR-2010 19:36:06	Bright	47.500	122	9Alp2Lib	2.7470	9700.0	95	42624	No
243	GOM_NL__2PRFIN20100425_193807_000000412088_00486_42624_6284.N1	25-APR-2010 19:38:07	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42624	No
244	GOM_NL__2PRFIN20100425_194437_000000362088_00486_42624_6285.N1	25-APR-2010 19:44:37	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	42624	No
245	GOM_NL__2PRFIN20100425_194714_000000422088_00486_42624_6286.N1	25-APR-2010 19:47:14	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42624	No
246	GOM_NL__2PRFIN20100425_195227_000000372088_00486_42624_6287.N1	25-APR-2010 19:52:27	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42624	No
247	GOM_NL__2PRFIN20100425_195420_000000432088_00486_42624_6288.N1	25-APR-2010 19:54:20	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42624	No
248	GOM_NL__2PRFIN20100425_195615_000000392088_00486_42624_6289.N1	25-APR-2010 19:56:15	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42624	No
249	GOM_NL__2PRFIN20100425_200340_000000412088_00486_42624_6290.N1	25-APR-2010 20:03:40	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42624	No
250	GOM_NL__2PRFIN20100425_201353_000000402088_00486_42624_6291.N1	25-APR-2010 20:13:53	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42624	No
251	GOM_NL__2PRFIN20100425_202440_000000422088_00486_42624_6292.N1	25-APR-2010 20:24:40	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	42624	No
252	GOM_NL__2PRFIN20100425_202855_000000432088_00486_42624_6293.N1	25-APR-2010 20:28:55	Tw_i_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42624	No
253	GOM_NL__2PRFIN20100425_203240_000000572088_00486_42624_6294.N1	25-APR-2010 20:32:40	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	42624	No
254	GOM_NL__2PRFIN20100425_203507_000000502088_00486_42624_6295.N1	25-APR-2010 20:35:07	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	42624	No
255	GOM_NL__2PRFIN20100425_203822_000000582088_00486_42624_6296.N1	25-APR-2010 20:38:22	Dark	57.500	154	22Bet Aqr	2.8990	5700.0	115	42624	No
256	GOM_NL__2PRFIN20100425_204529_000000402088_00486_42624_6297.N1	25-APR-2010 20:45:29	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42624	No
257	GOM_NL__2PRFIN20100425_205233_000000432088_00487_42625_6285.N1	25-APR-2010 20:52:33	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42625	No
258	GOM_NL__2PRFIN20100425_210007_000000482088_00487_42625_6286.N1	25-APR-2010 21:00:07	Straylight	47.500	141	Bet Ara	2.8400	4600.0	95	42625	No
259	GOM_NL__2PRFIN20100425_210137_000000572088_00487_42625_6287.N1	25-APR-2010 21:01:37	Straylight	56.500	40	The Sco	1.8590	7100.0	113	42625	No
260	GOM_NL__2PRFIN20100425_210711_000000442088_00487_42625_6288.N1	25-APR-2010 21:07:11	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42625	No
261	GOM_NL__2PRFIN20100425_210845_000000432088_00487_42625_6289.N1	25-APR-2010 21:08:45	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42625	No
262	GOM_NL__2PRFIN20100425_211056_000000462088_00487_42625_6290.N1	25-APR-2010 21:10:56	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42625	No
263	GOM_NL__2PRFIN20100425_211642_000000492088_00487_42625_6291.N1	25-APR-2010 21:16:42	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	42625	No
264	GOM_NL__2PRFIN20100425_211843_000000422088_00487_42625_6292.N1	25-APR-2010 21:18:43	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42625	No
265	GOM_NL__2PRFIN20100425_212513_000000372088_00487_42625_6293.N1	25-APR-2010 21:25:13	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42625	No
266	GOM_NL__2PRFIN20100425_212750_000000402088_00487_42625_6294.N1	25-APR-2010 21:27:50	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	42625	No
267	GOM_NL__2PRFIN20100425_213303_000000372088_00487_42625_6295.N1	25-APR-2010 21:33:03	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42625	No
268	GOM_NL__2PRFIN20100425_213456_000000432088_00487_42625_6296.N1	25-APR-2010 21:34:56	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	42625	No
269	GOM_NL__2PRFIN20100425_213651_000000392088_00487_42625_6297.N1	25-APR-2010 21:36:51	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42625	No
270	GOM_NL__2PRFIN20100425_214415_000000392088_00487_42625_6298.N1	25-APR-2010 21:44:15	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42625	No
271	GOM_NL__2PRFIN20100425_215429_000000412088_00487_42625_6299.N1	25-APR-2010 21:54:29	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42625	No
272	GOM_NL__2PRFIN20100425_220516_000000422088_00487_42625_6300.N1	25-APR-2010 22:05:16	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	42625	No
273	GOM_NL__2PRFIN20100425_220932_000000442088_00487_42625_6301.N1	25-APR-2010 22:09:32	Tw_i_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42625	No
274	GOM_NL__2PRFIN20100425_221316_000000602088_00487_42625_6302.N1	25-APR-2010 22:13:16	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	42625	No
275	GOM_NL__2PRFIN20100425_221544_000000502088_00487_42625_6303.N1	25-APR-2010 22:15:44	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42625	No
276	GOM_NL__2PRFIN20100425_221859_000000582088_00487_42625_6304.N1	25-APR-2010 22:18:59	Dark	57.500	154	22Bet Aqr	2.8990	5700.0	115	42625	No
277	GOM_NL__2PRFIN20100425_222605_000000412088_00487_42625_6305.N1	25-APR-2010 22:26:05	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42625	No
278	GOM_NL__2PRFIN20100425_223309_000000412088_00488_42626_6293.N1	25-APR-2010 22:33:09	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42626	No

279	GOM_NL__2PRFIN20100425_224043_000000442088_00488_42626_6294.N1	25-APR-2010 22:40:43	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42626	No
280	GOM_NL__2PRFIN20100425_224214_000000592088_00488_42626_6295.N1	25-APR-2010 22:42:14	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42626	No
281	GOM_NL__2PRFIN20100425_224747_000000392088_00488_42626_6296.N1	25-APR-2010 22:47:47	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	42626	No
282	GOM_NL__2PRFIN20100425_224921_000000432088_00488_42626_6297.N1	25-APR-2010 22:49:21	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42626	No
283	GOM_NL__2PRFIN20100425_225132_000000452088_00488_42626_6298.N1	25-APR-2010 22:51:32	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	42626	No
284	GOM_NL__2PRFIN20100425_225718_000000492088_00488_42626_6299.N1	25-APR-2010 22:57:18	Bright	48.500	122	9Alp2Lib	2.7470	9700.0	97	42626	No
285	GOM_NL__2PRFIN20100425_225919_000000392088_00488_42626_6300.N1	25-APR-2010 22:59:19	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	42626	No
286	GOM_NL__2PRFIN20100425_230549_000000382088_00488_42626_6301.N1	25-APR-2010 23:05:49	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42626	No
287	GOM_NL__2PRFIN20100425_230825_000000422088_00488_42626_6302.N1	25-APR-2010 23:08:25	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42626	No
288	GOM_NL__2PRFIN20100425_231339_000000362088_00488_42626_6303.N1	25-APR-2010 23:13:39	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	42626	No
289	GOM_NL__2PRFIN20100425_231531_000000442088_00488_42626_6304.N1	25-APR-2010 23:15:31	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	42626	No
290	GOM_NL__2PRFIN20100425_231726_000000422088_00488_42626_6305.N1	25-APR-2010 23:17:26	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42626	No
291	GOM_NL__2PRFIN20100425_232451_000000392088_00488_42626_6306.N1	25-APR-2010 23:24:51	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42626	No
292	GOM_NL__2PRFIN20100425_233504_000000422088_00488_42626_6307.N1	25-APR-2010 23:35:04	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42626	No
293	GOM_NL__2PRFIN20100425_234552_000000402088_00488_42626_6308.N1	25-APR-2010 23:45:52	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42626	No
294	GOM_NL__2PRFIN20100425_235008_000000452088_00488_42626_6309.N1	25-APR-2010 23:50:08	Tw_i_and_stray	44.500	90	54Alp Peg	2.4870	11000.	89	42626	No
295	GOM_NL__2PRFIN20100425_235353_000000602088_00488_42626_6310.N1	25-APR-2010 23:53:53	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	42626	No
296	GOM_NL__2PRFIN20100425_235620_000000522088_00488_42626_6311.N1	25-APR-2010 23:56:20	Dark	52.000	162	34Alp Aqr	2.9440	5350.0	104	42626	No
297	GOM_NL__2PRFIN20100425_235936_000000572088_00488_42626_6312.N1	25-APR-2010 23:59:36	Dark	56.500	154	22Bet Aqr	2.8990	5700.0	113	42626	No

3. Quality information per product

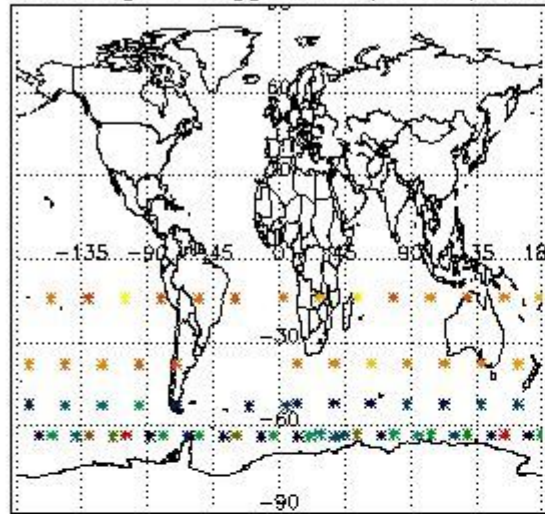
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

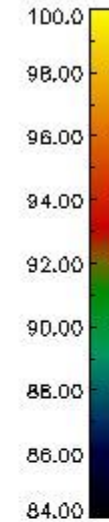
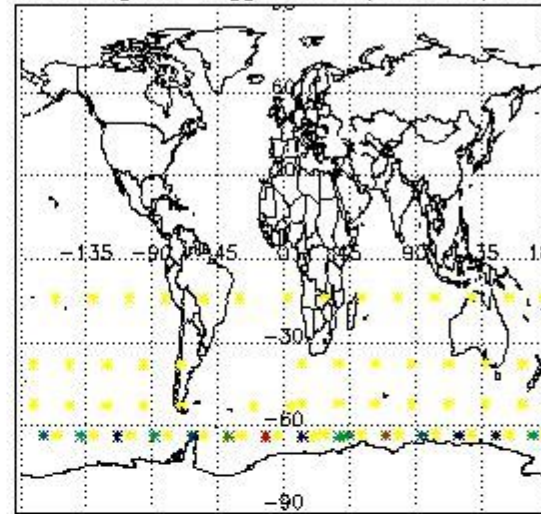


3.2 Plot quality information per product (world map)

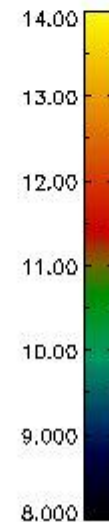
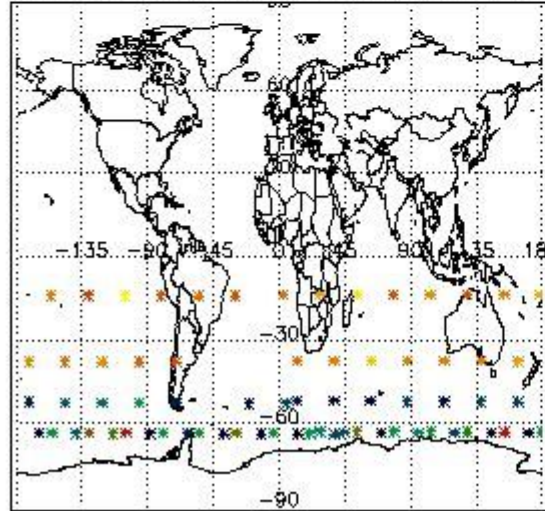
Percentage of flagged data per O3 profile



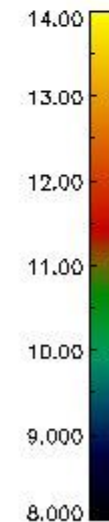
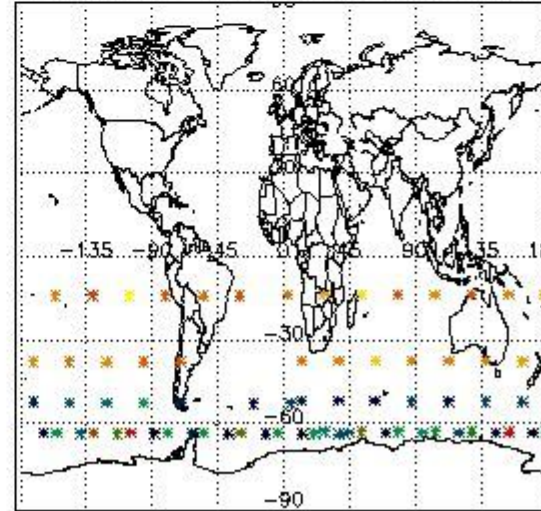
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

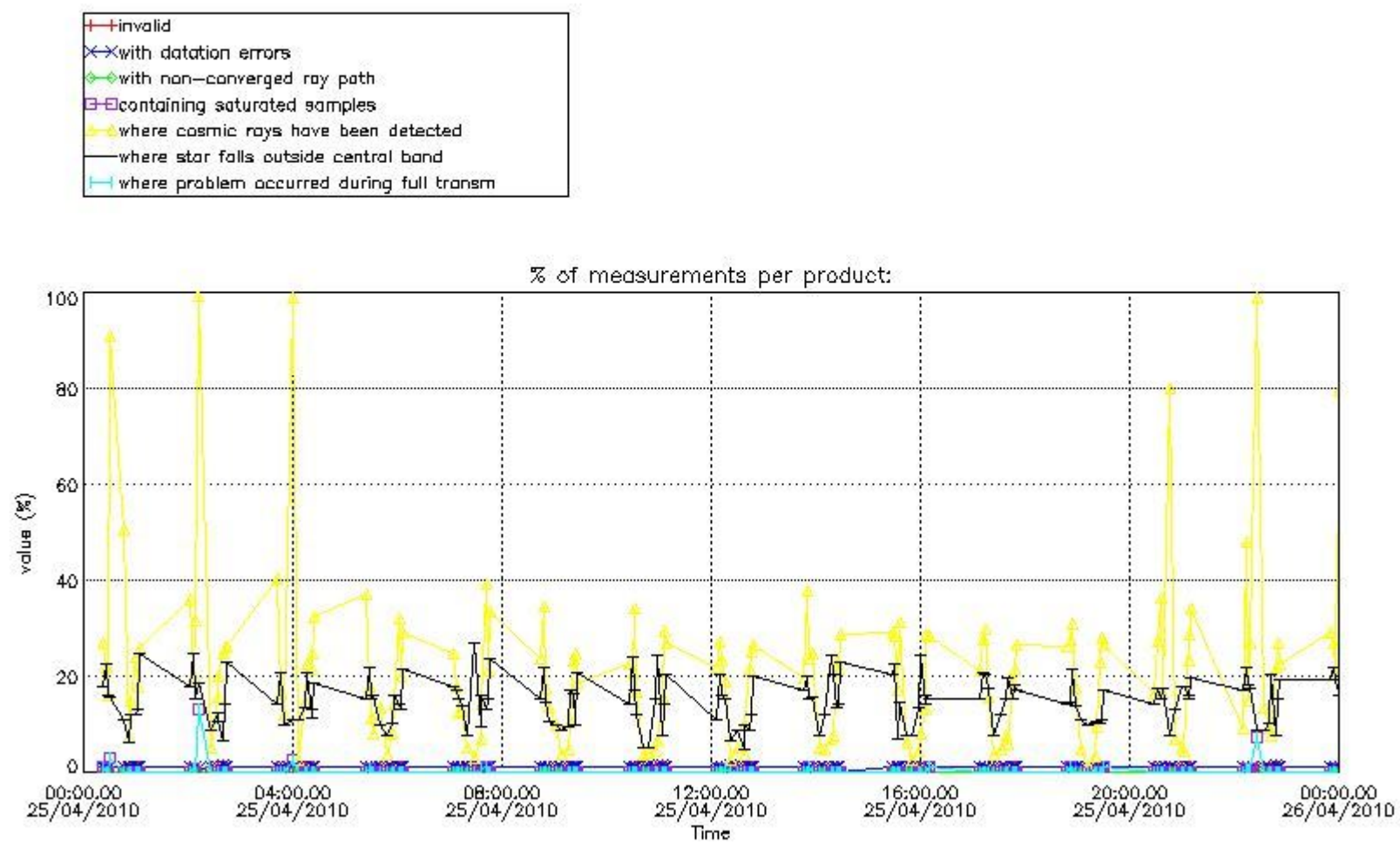


4. Level 1 quality information per product

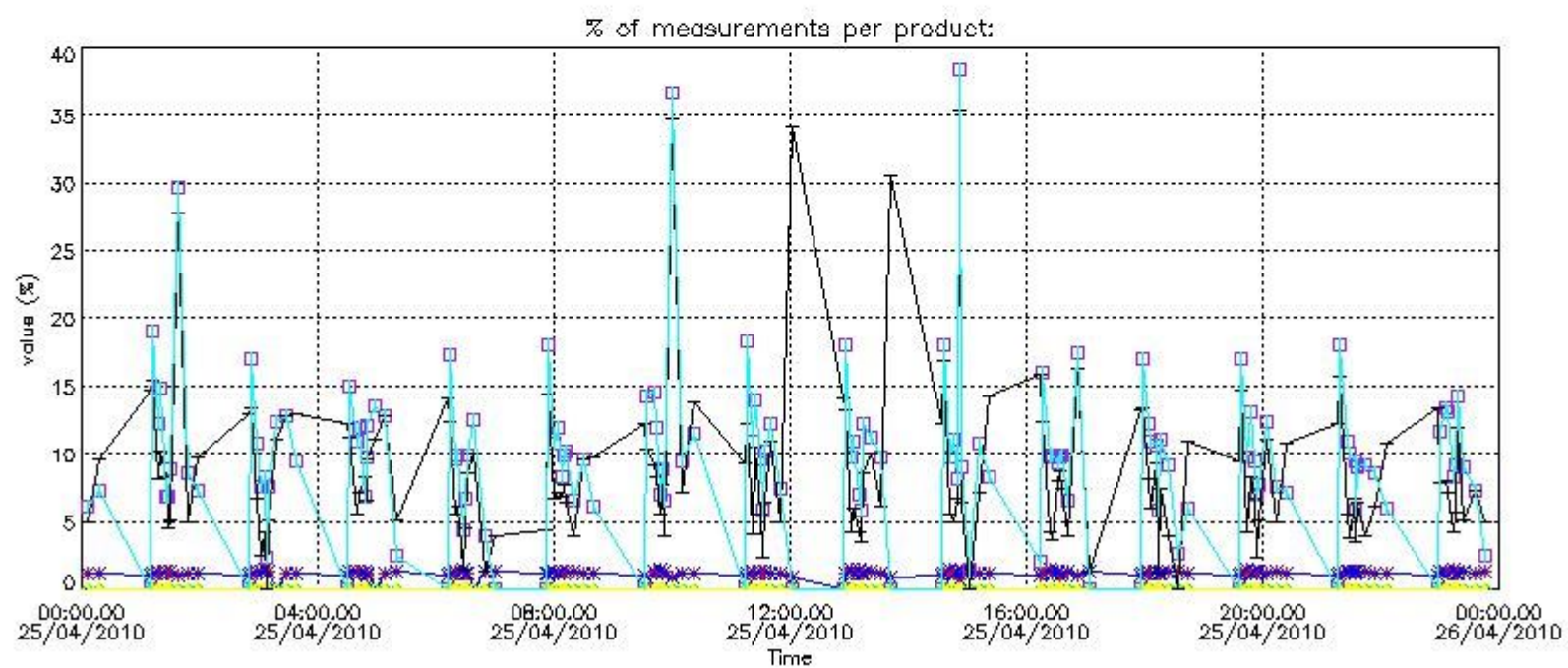
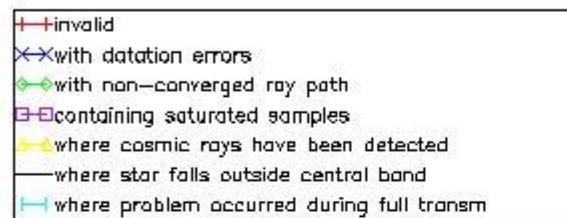
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

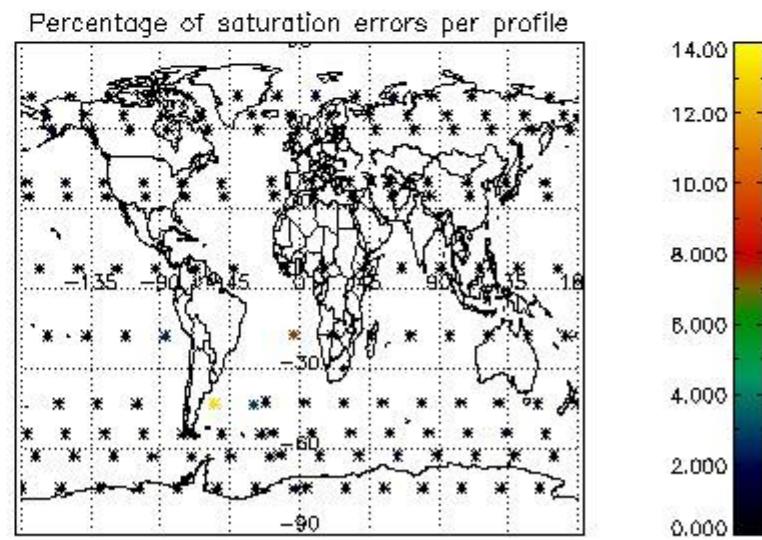
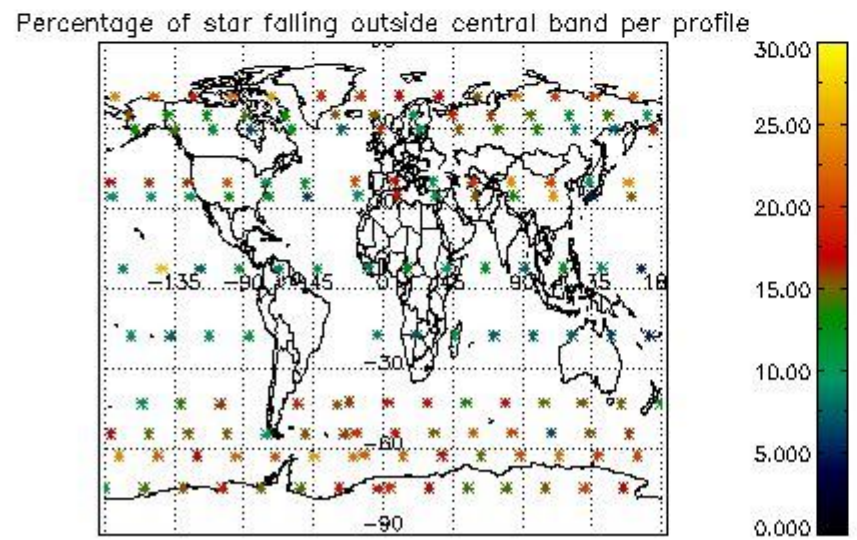
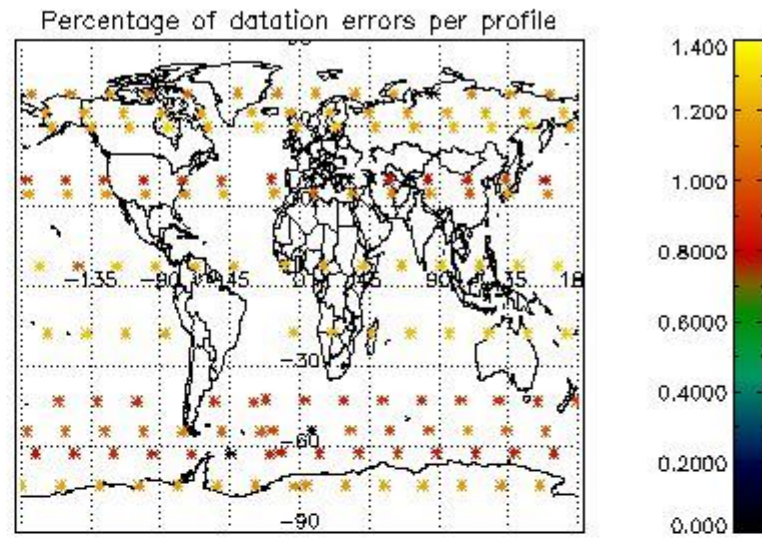
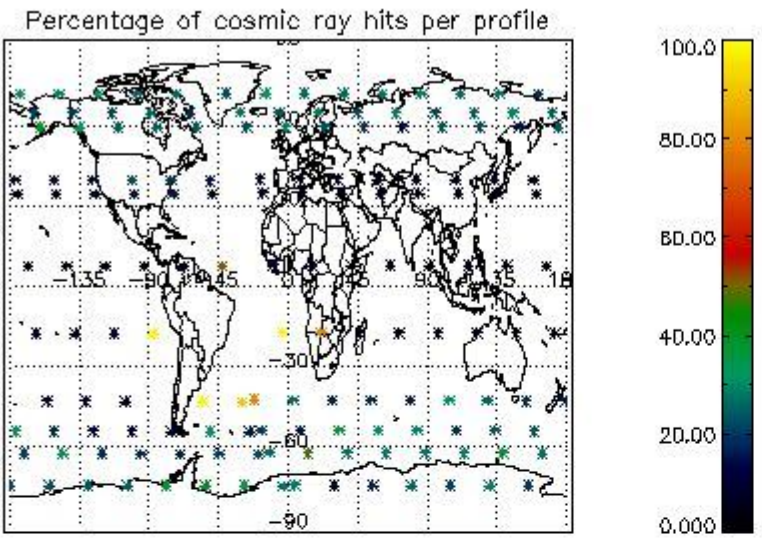


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

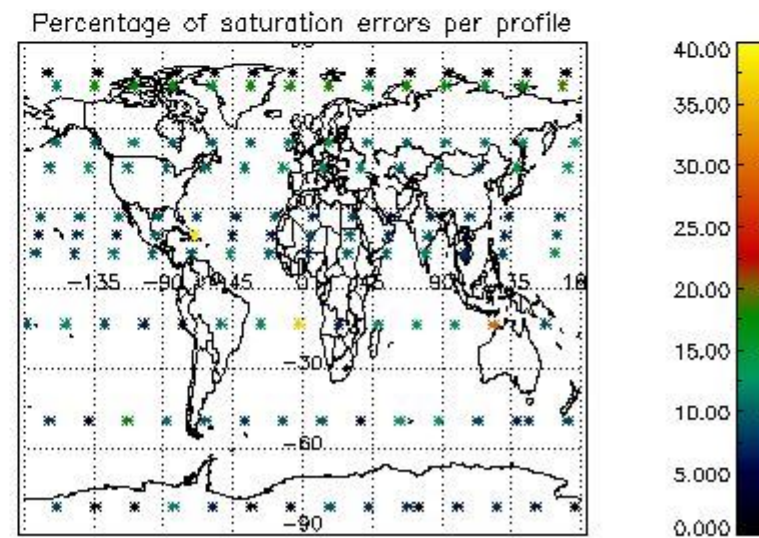
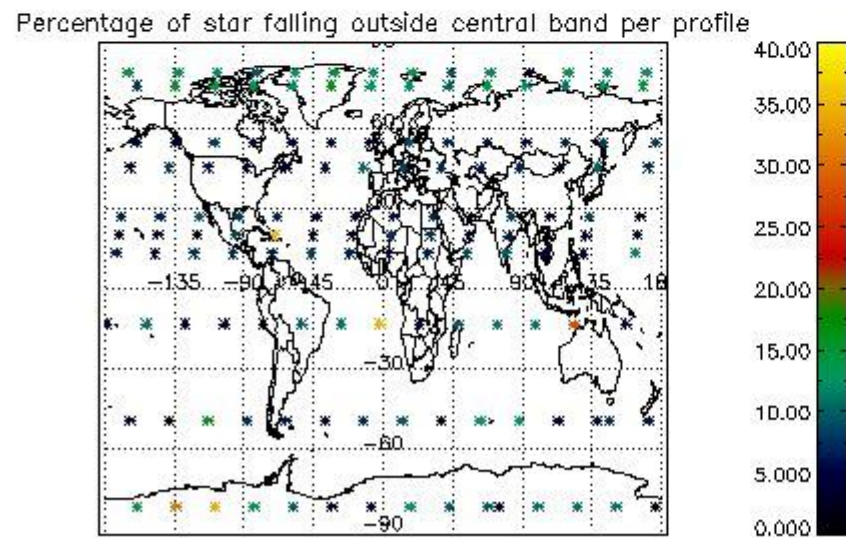
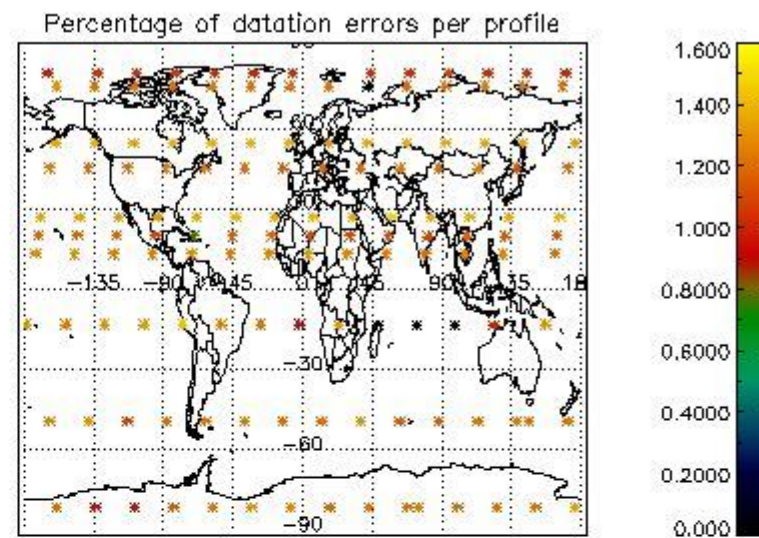
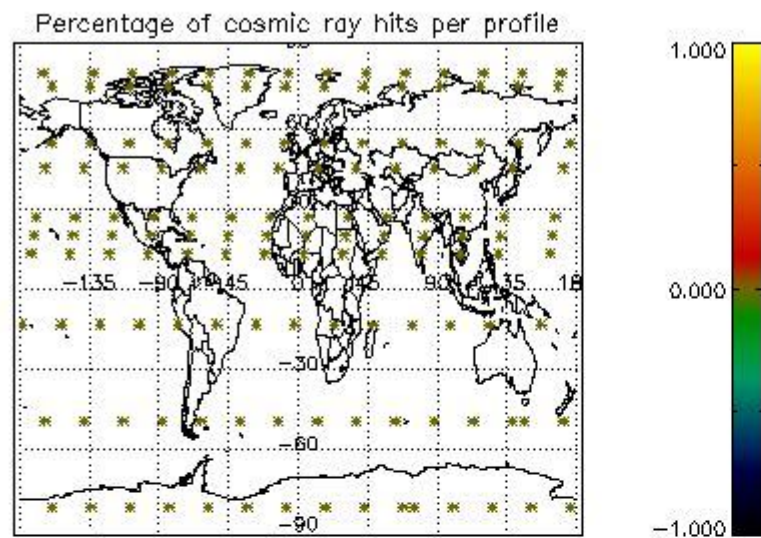


4.2 Plot quality information per product coming from level 1b processing (world map)

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

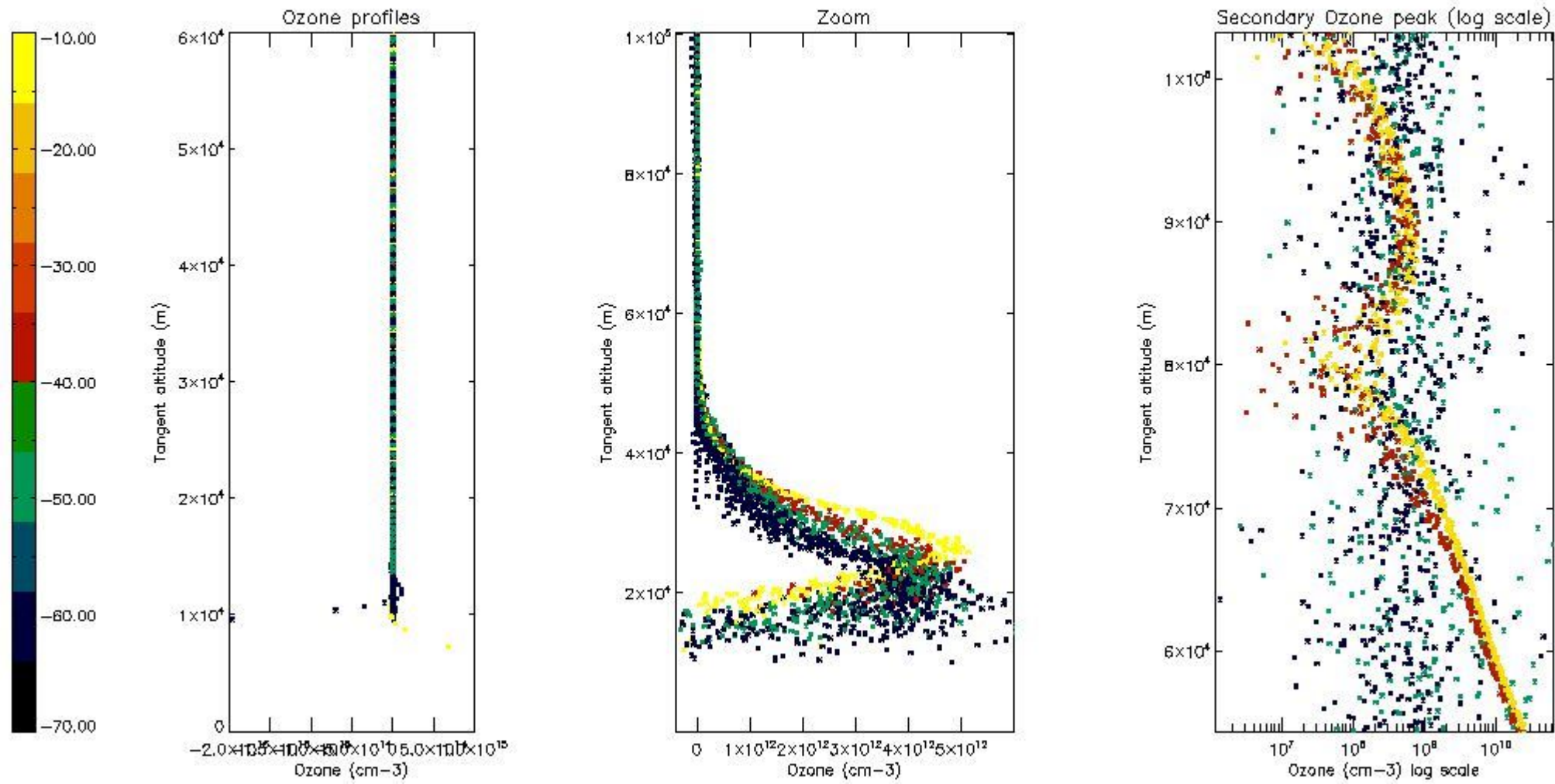
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	10

STD < 10	5
STD < 5	2

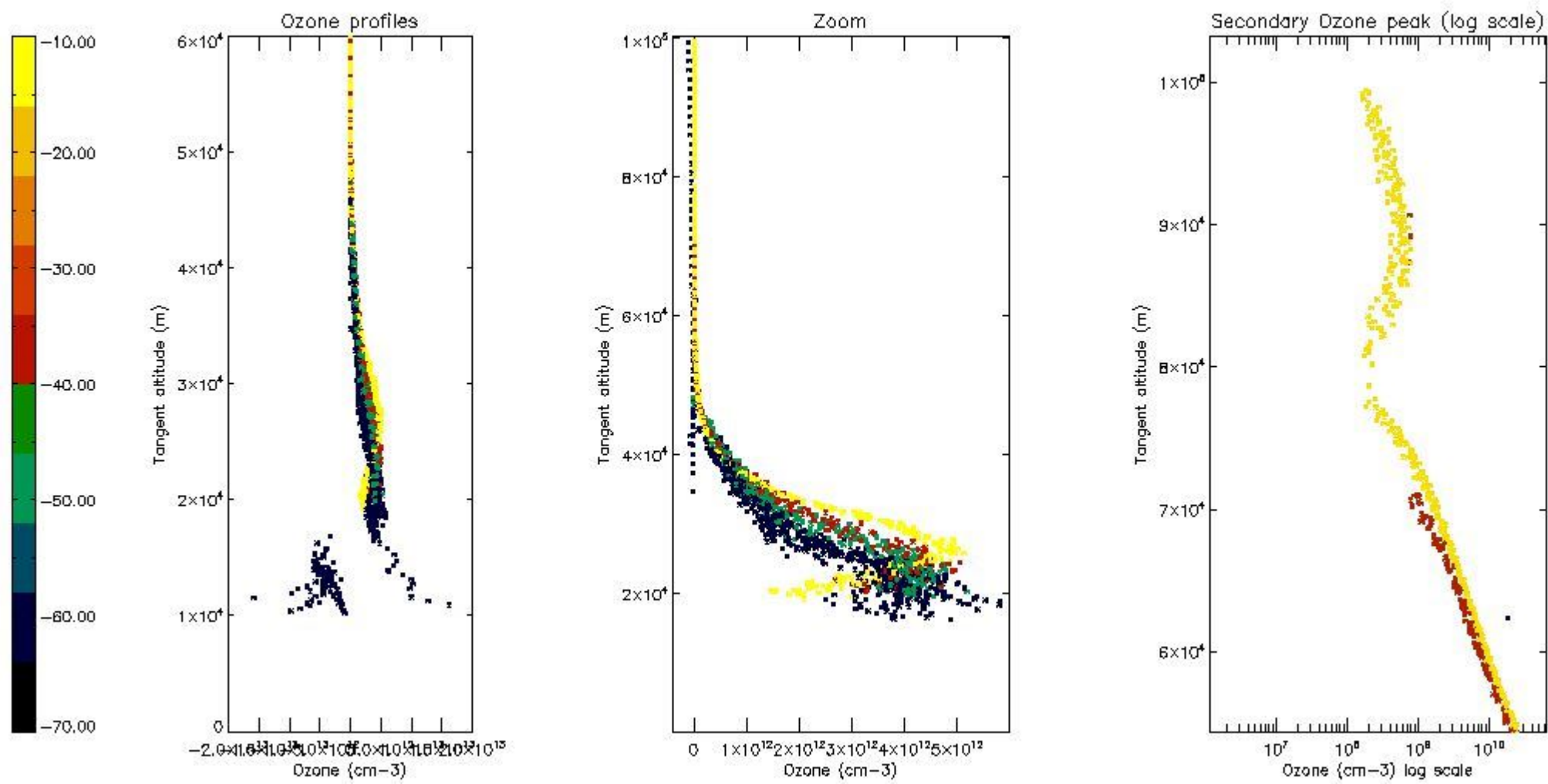
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



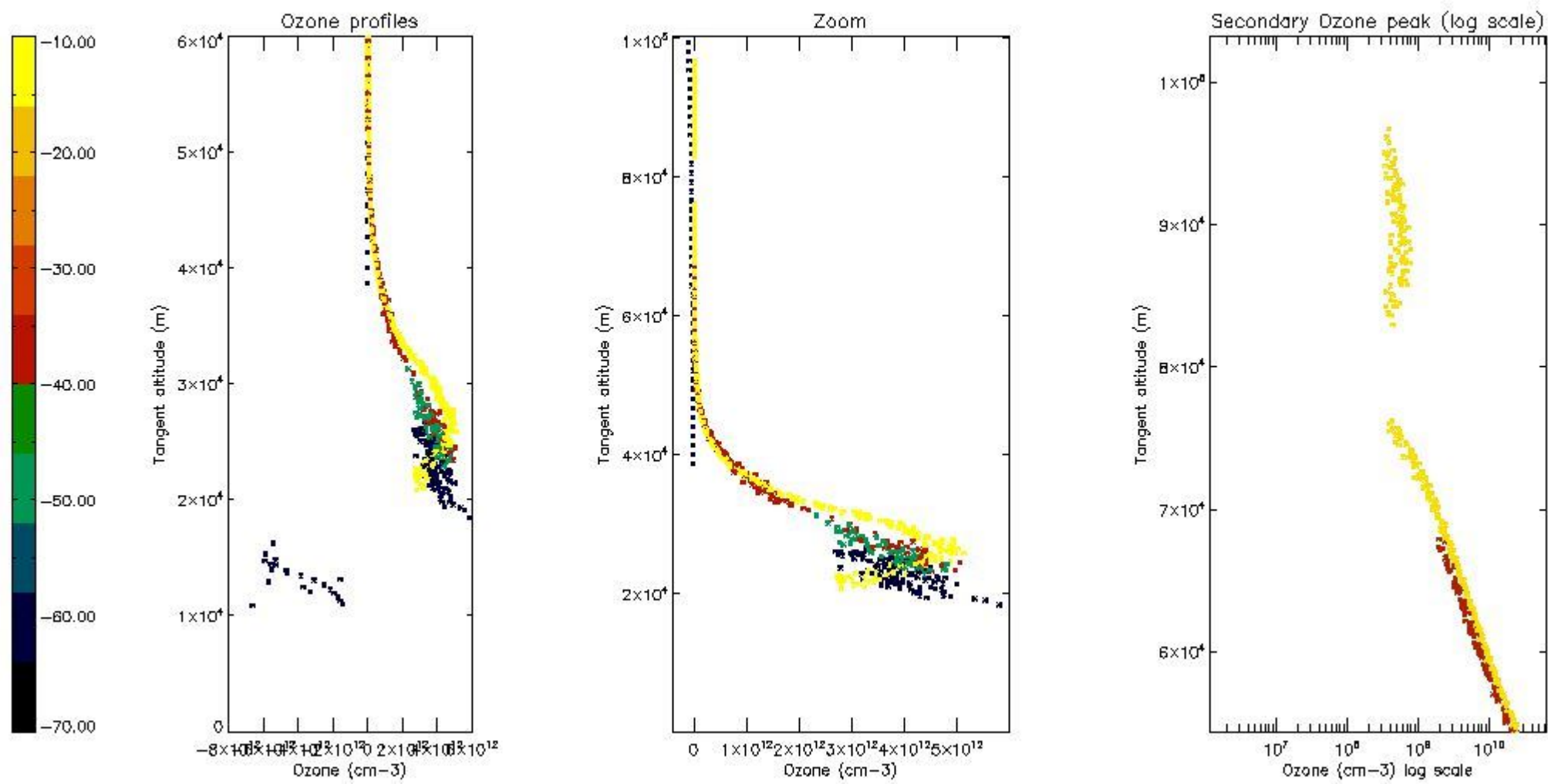
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



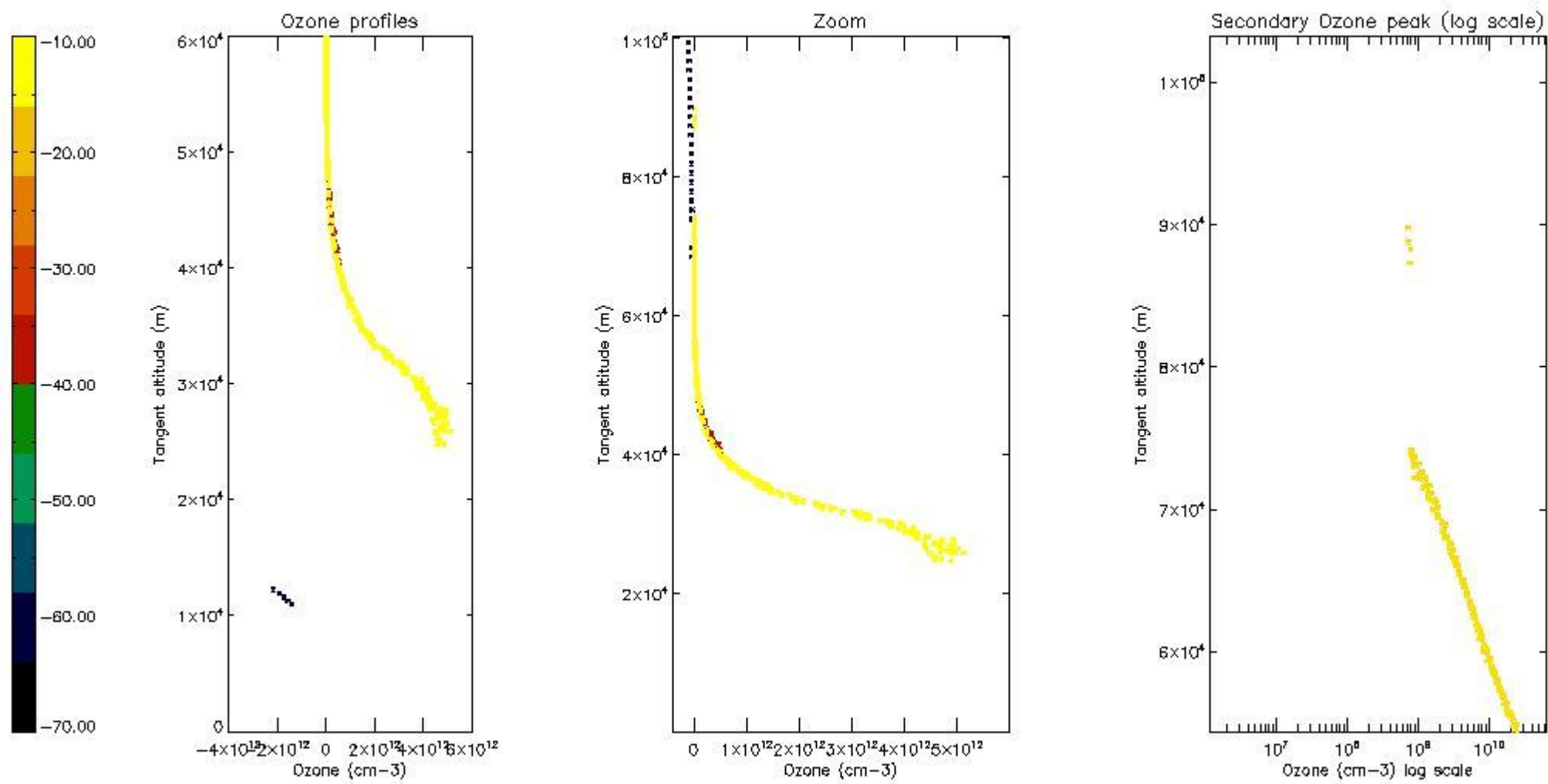
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



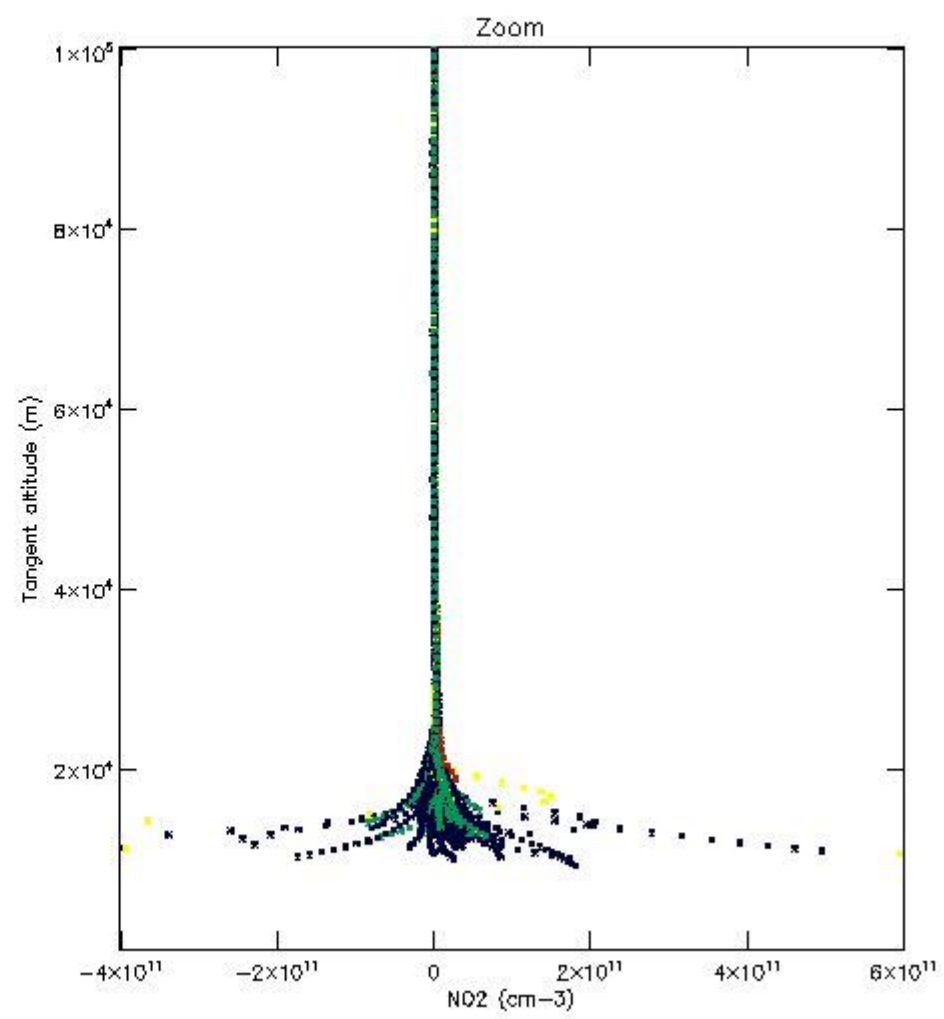
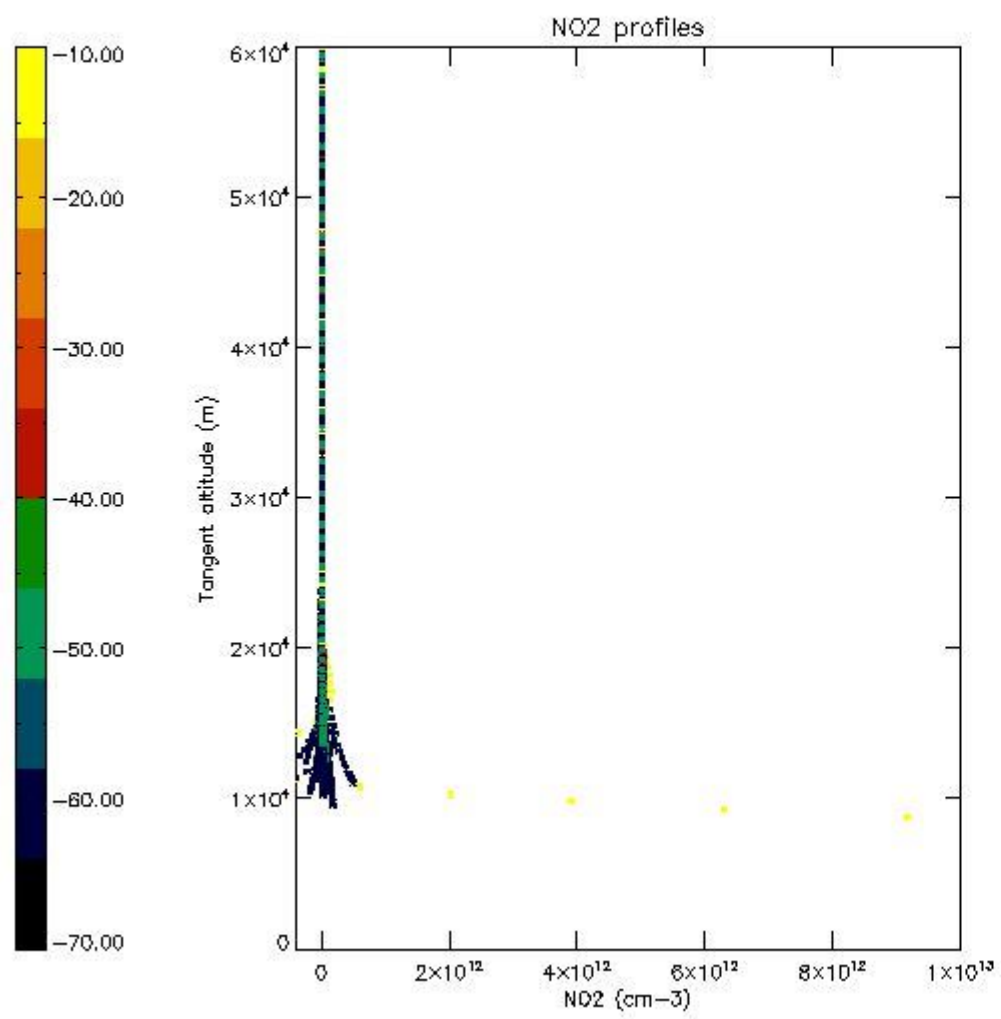
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



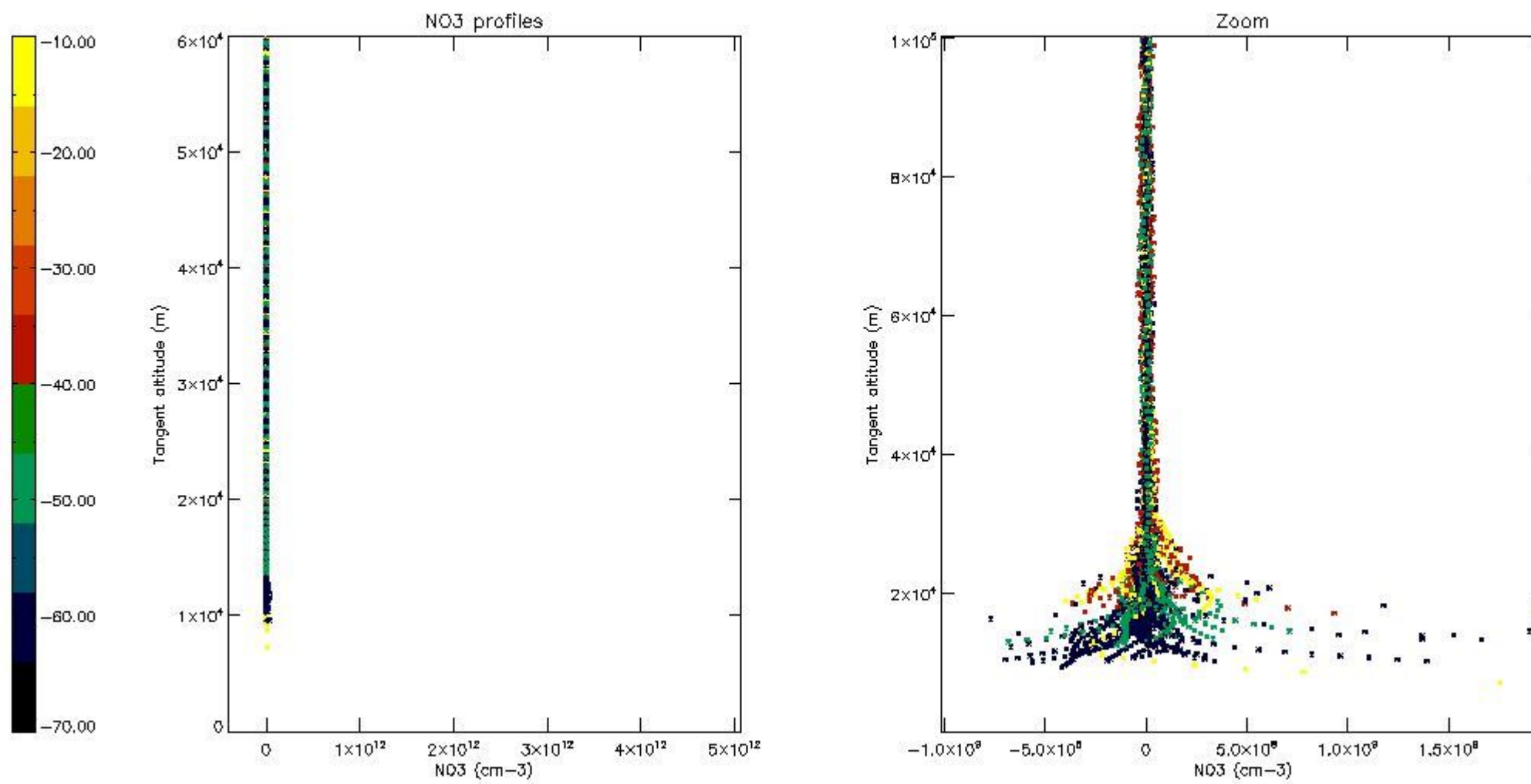
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

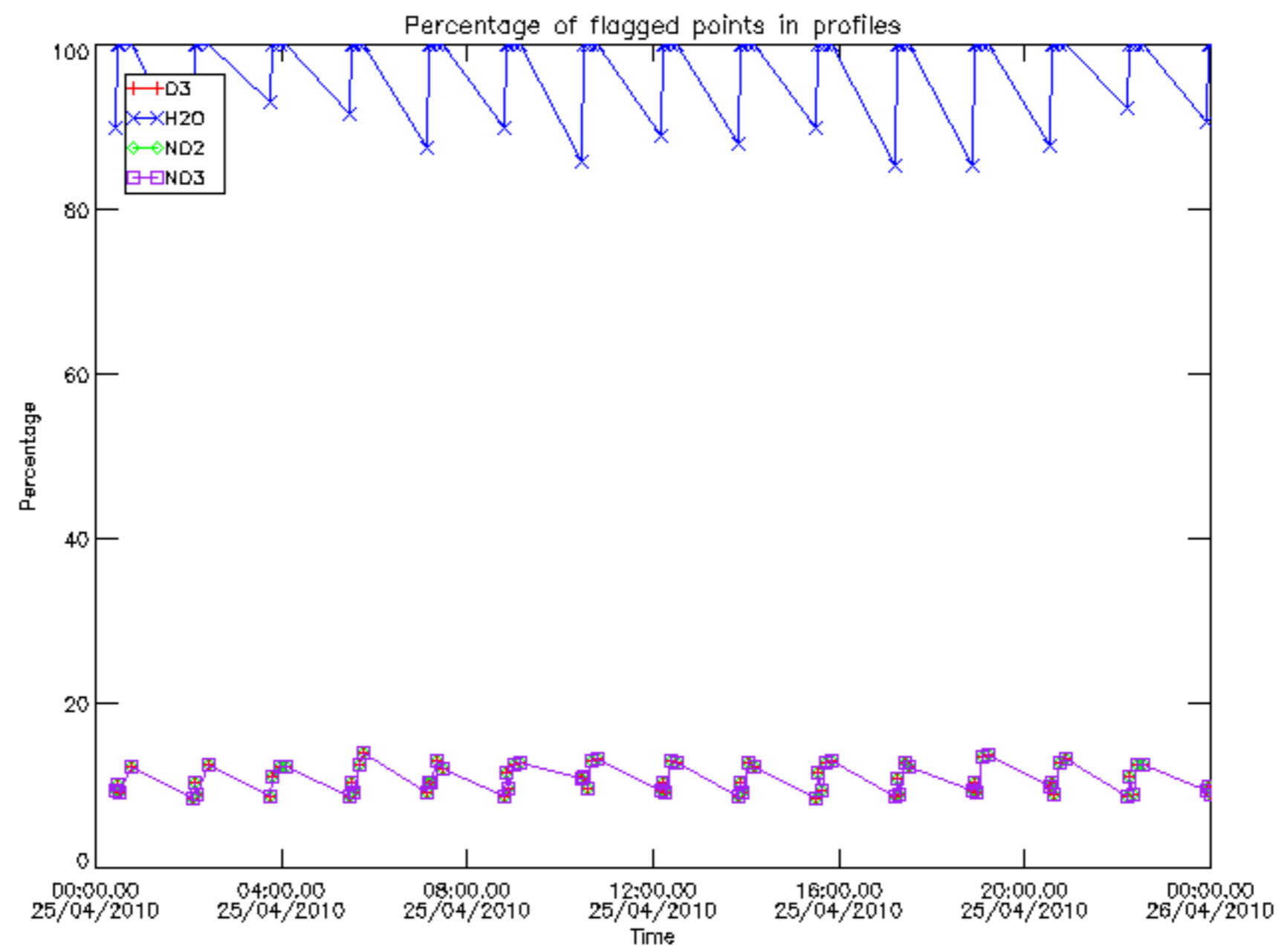
The colorbar represents the latitude.



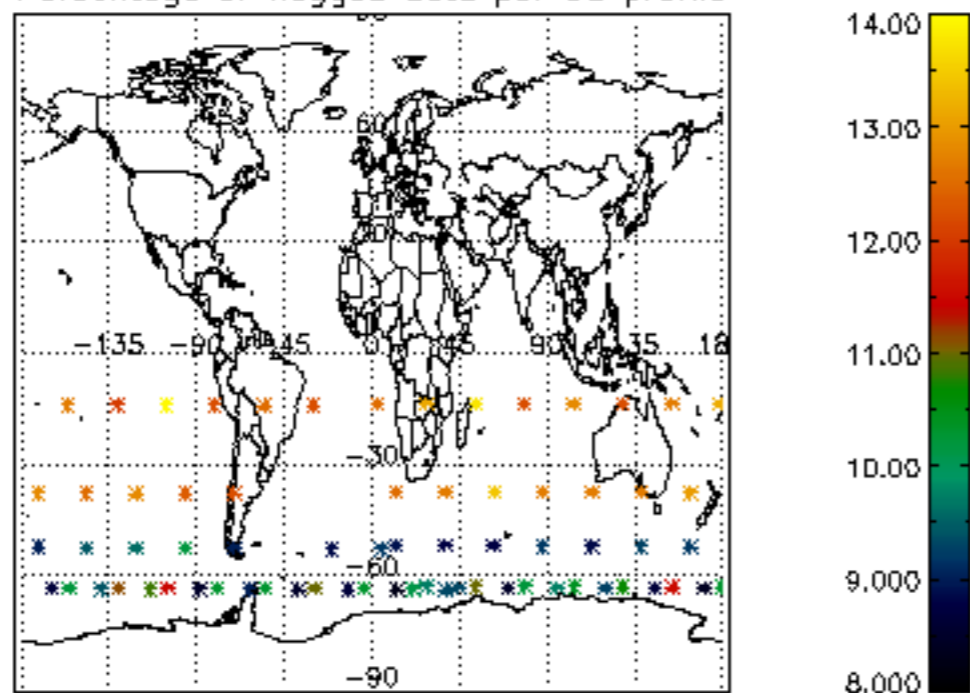
6. Auxiliary Data Files used for the production reported in section 2

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.

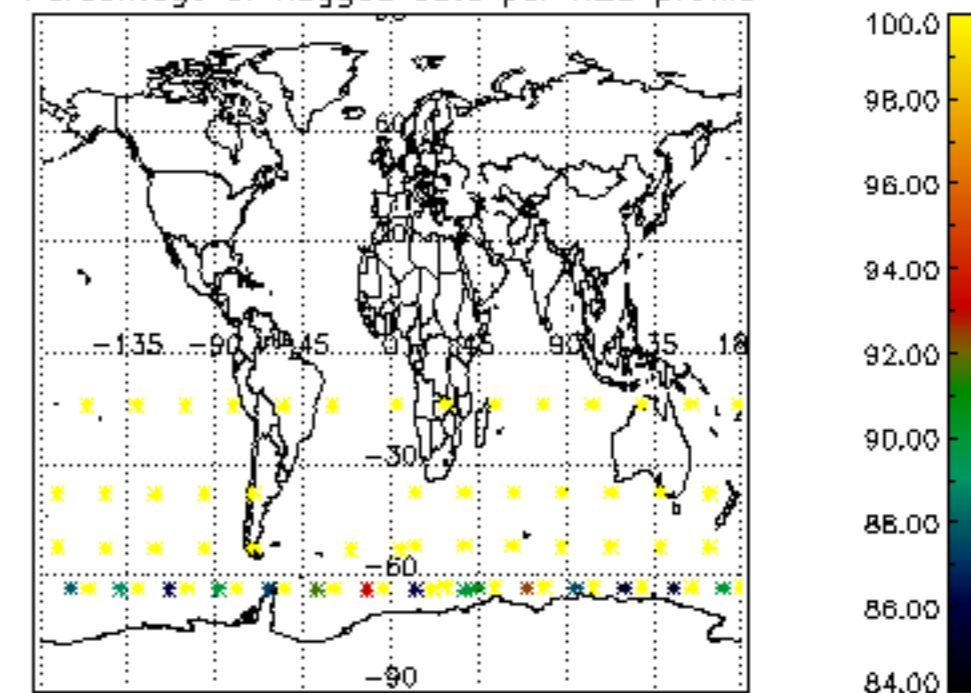
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-APR-2010 00:06:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-APR-2010 00:06:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-APR-2010 00:06:45



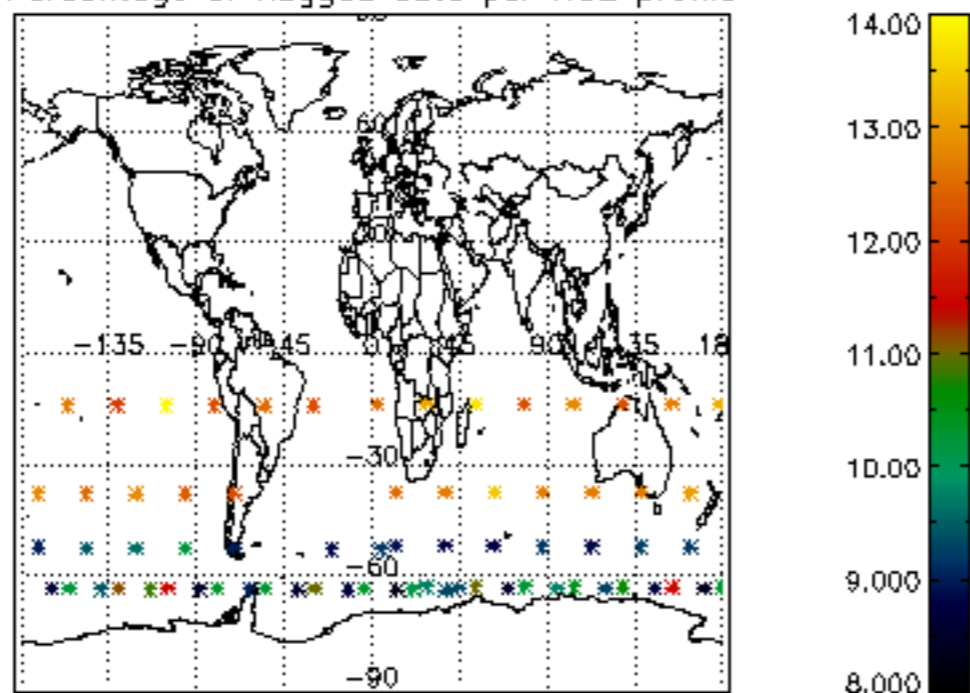
Percentage of flagged data per D3 profile



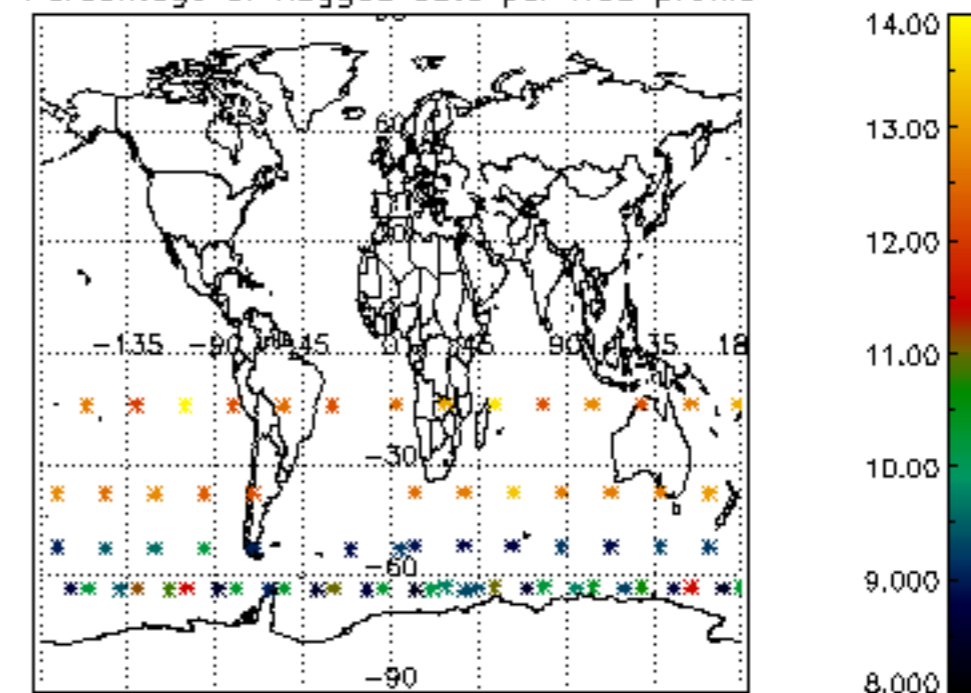
Percentage of flagged data per H2O profile

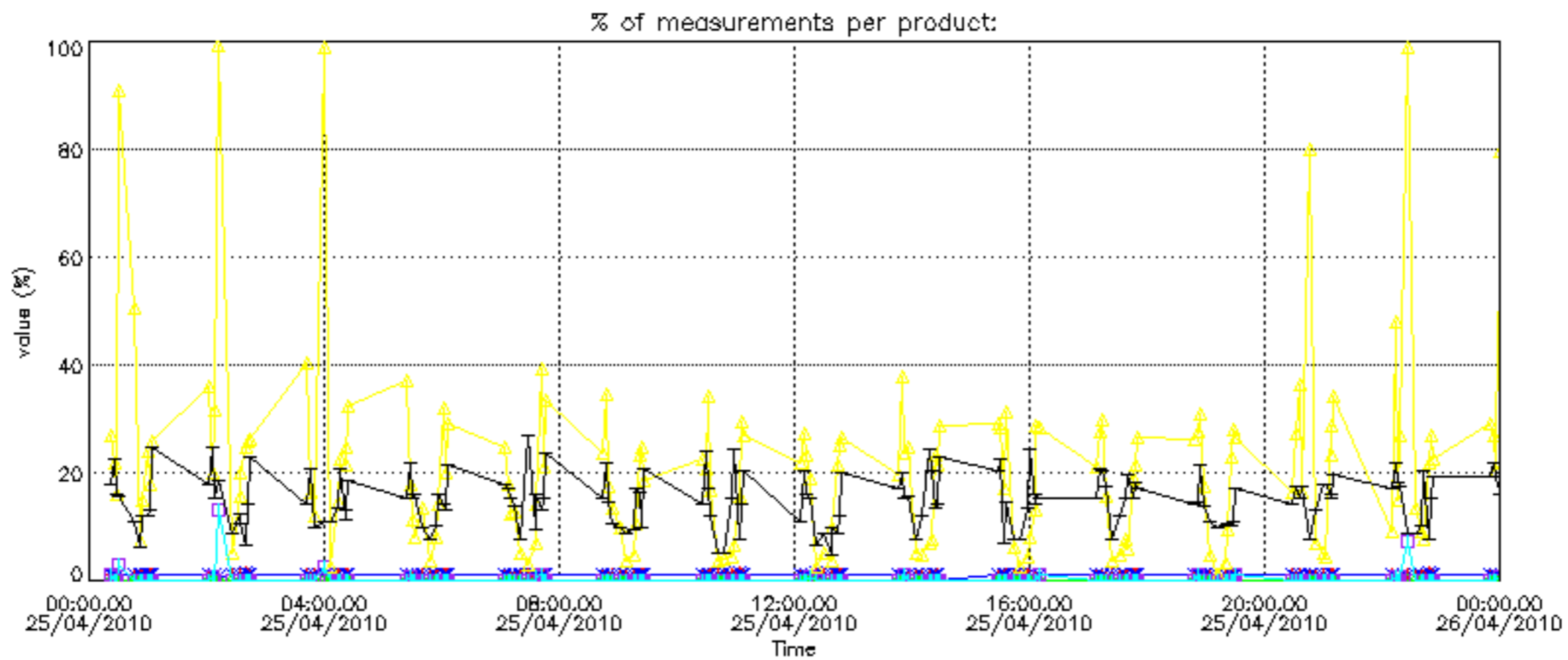


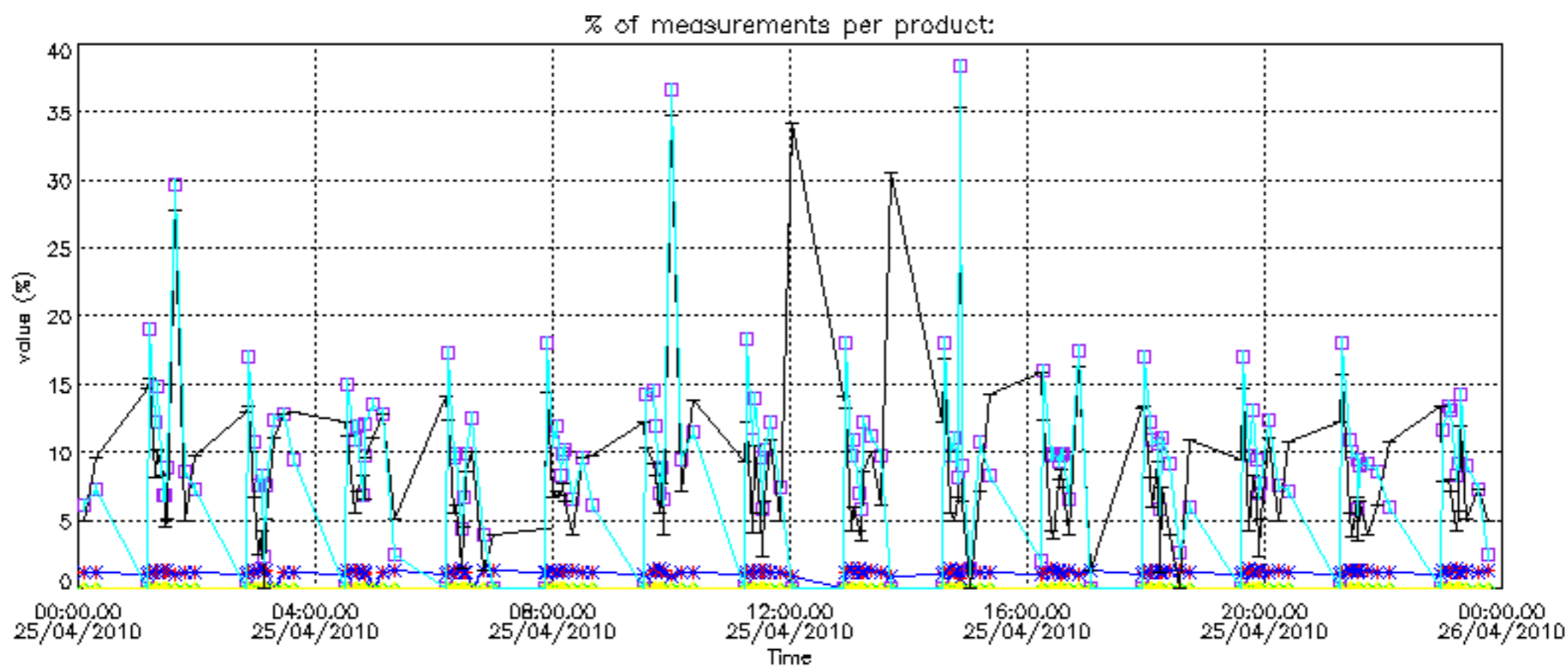
Percentage of flagged data per NO2 profile



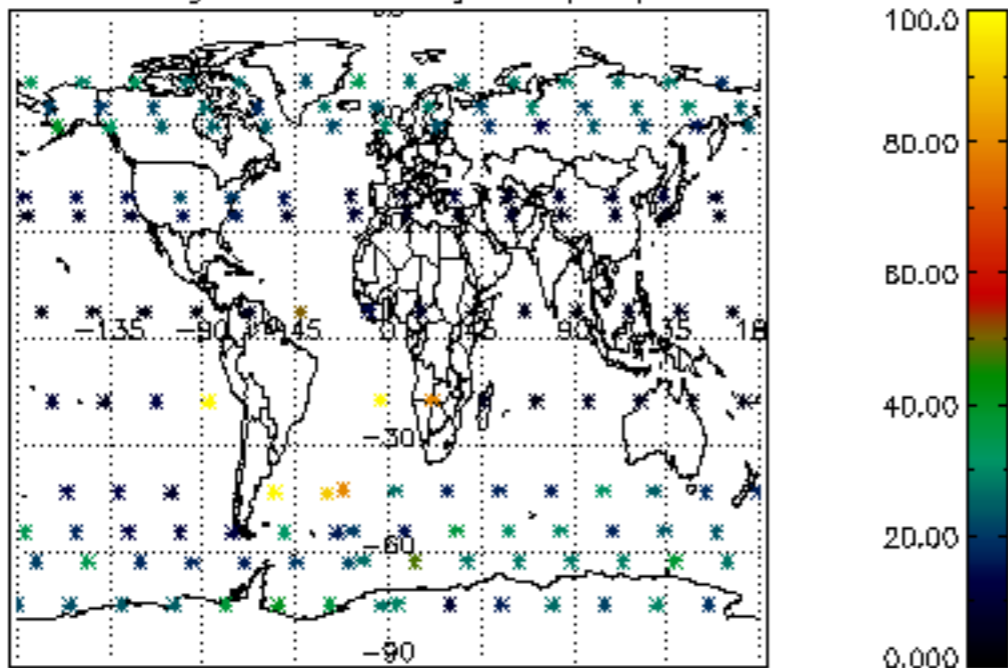
Percentage of flagged data per NO3 profile



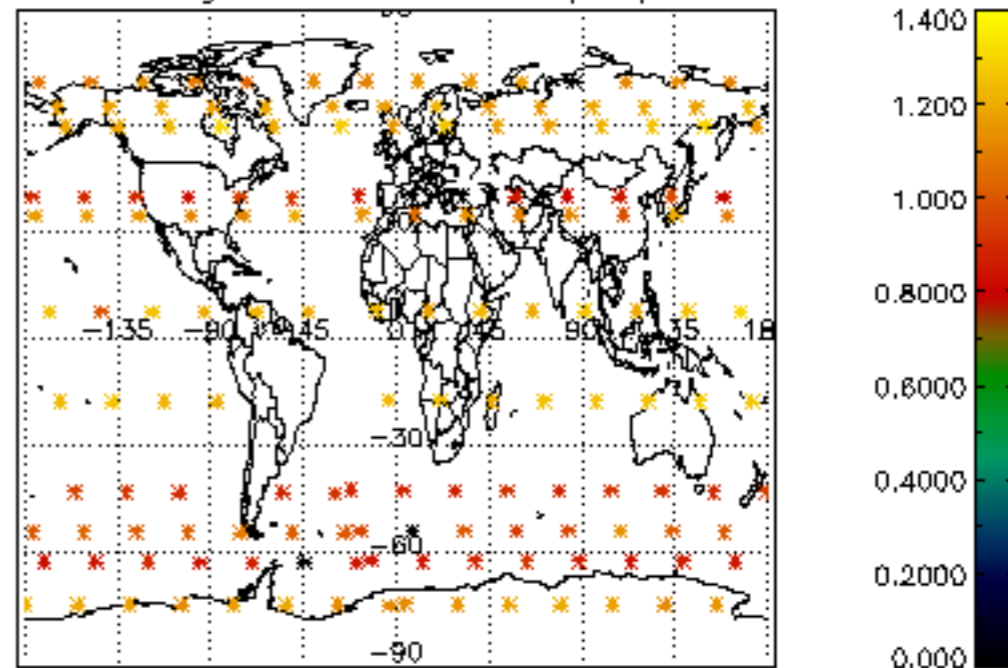




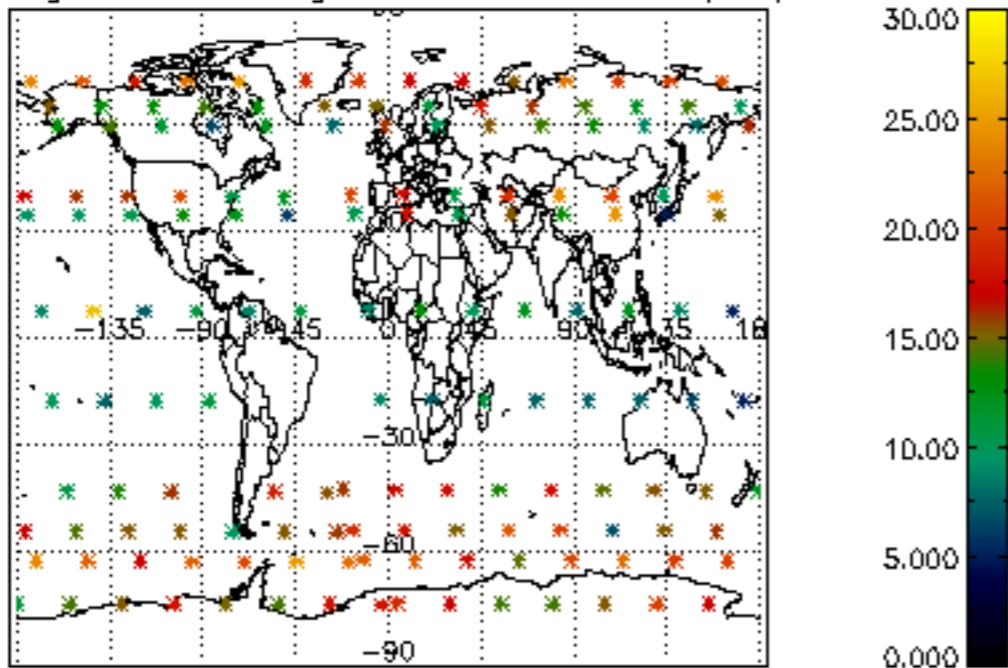
Percentage of cosmic ray hits per profile



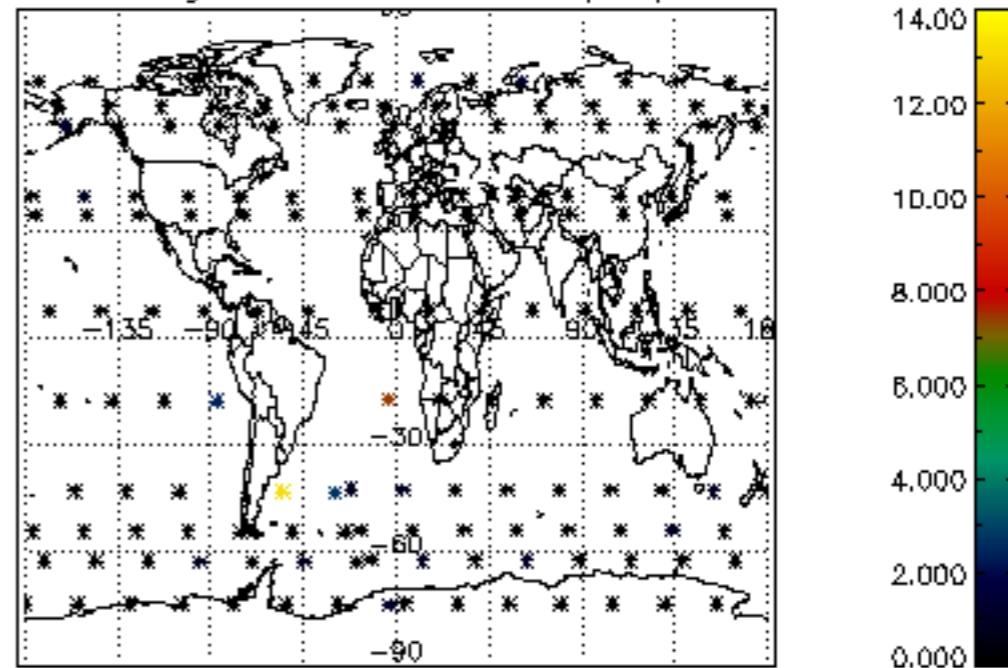
Percentage of datation errors per profile



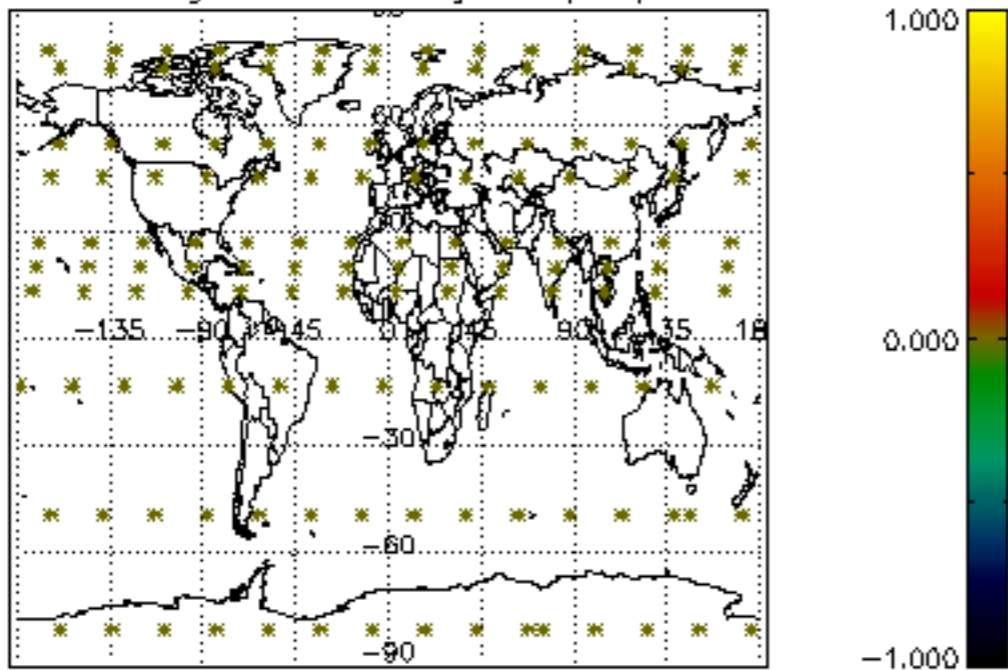
Percentage of star falling outside central band per profile



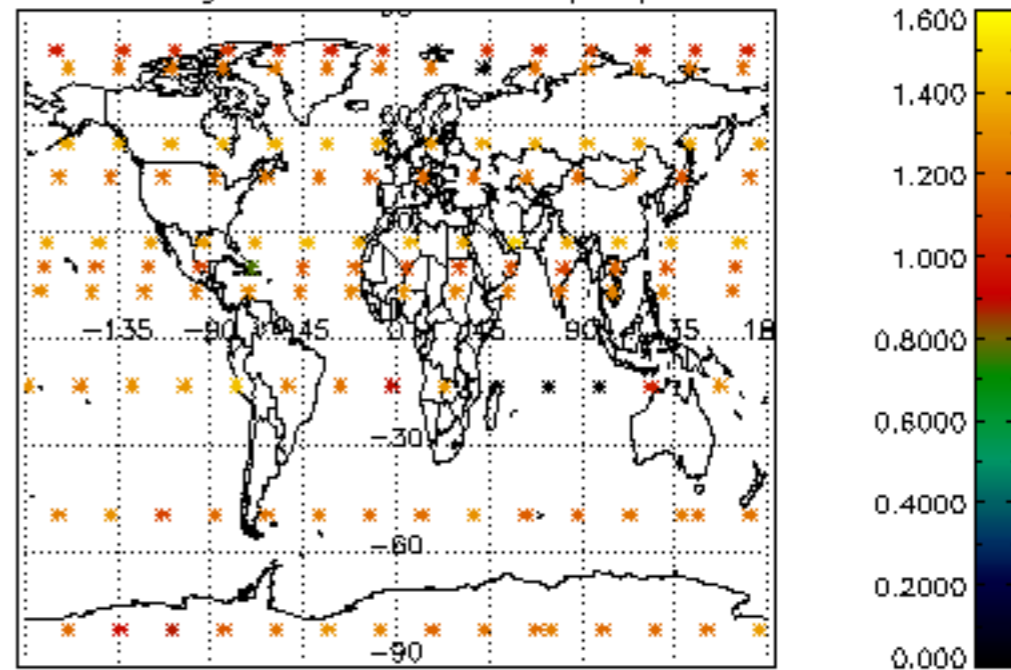
Percentage of saturation errors per profile



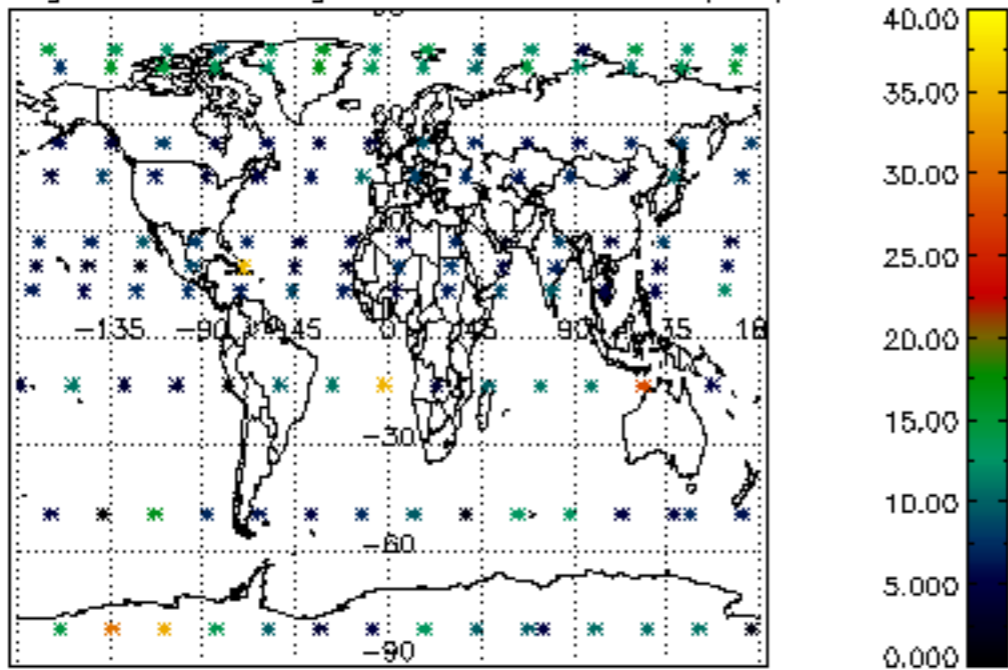
Percentage of cosmic ray hits per profile



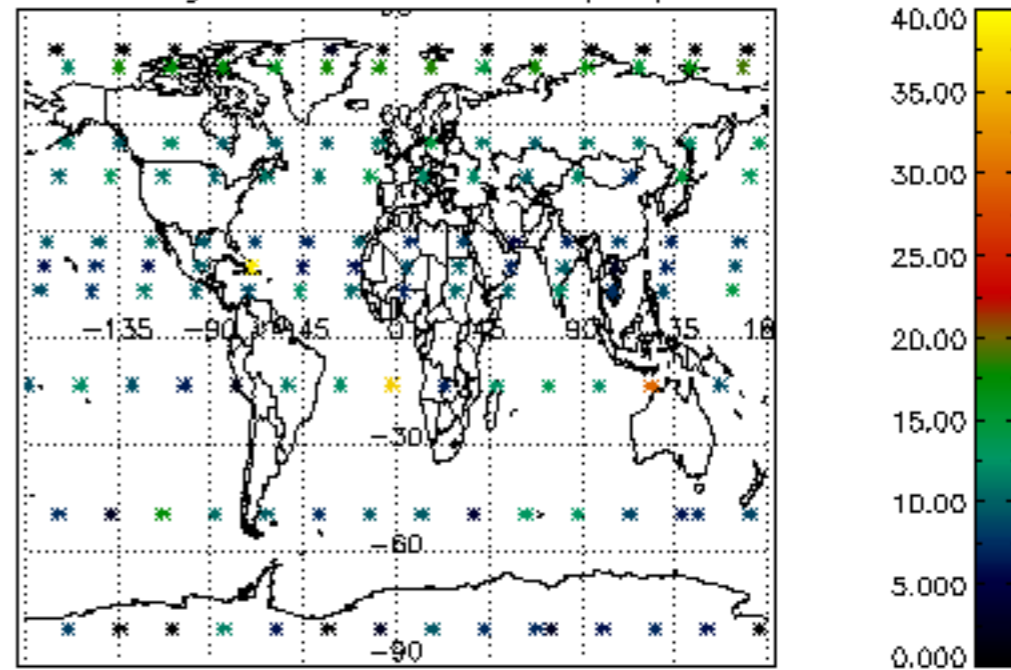
Percentage of datation errors per profile

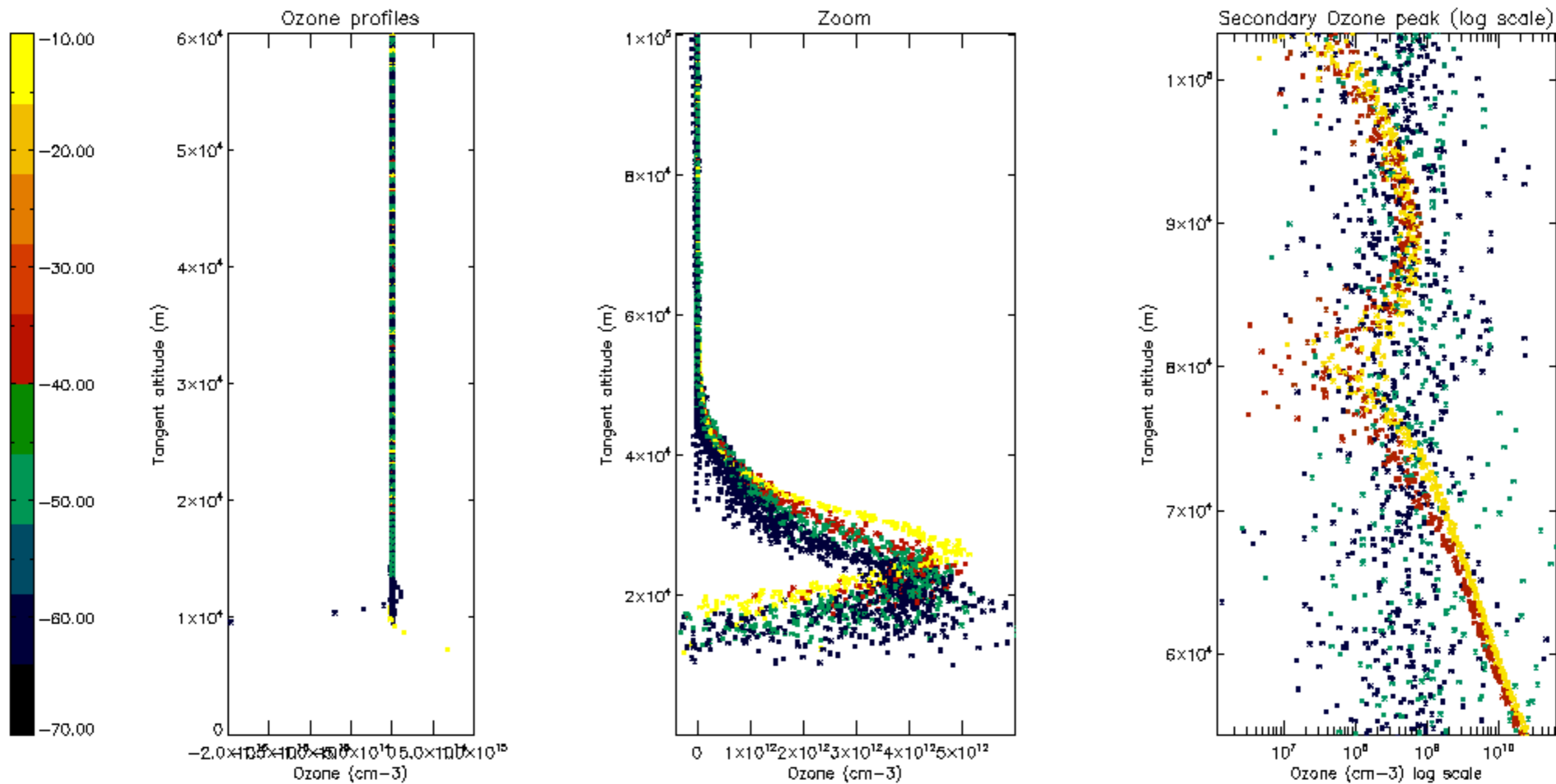


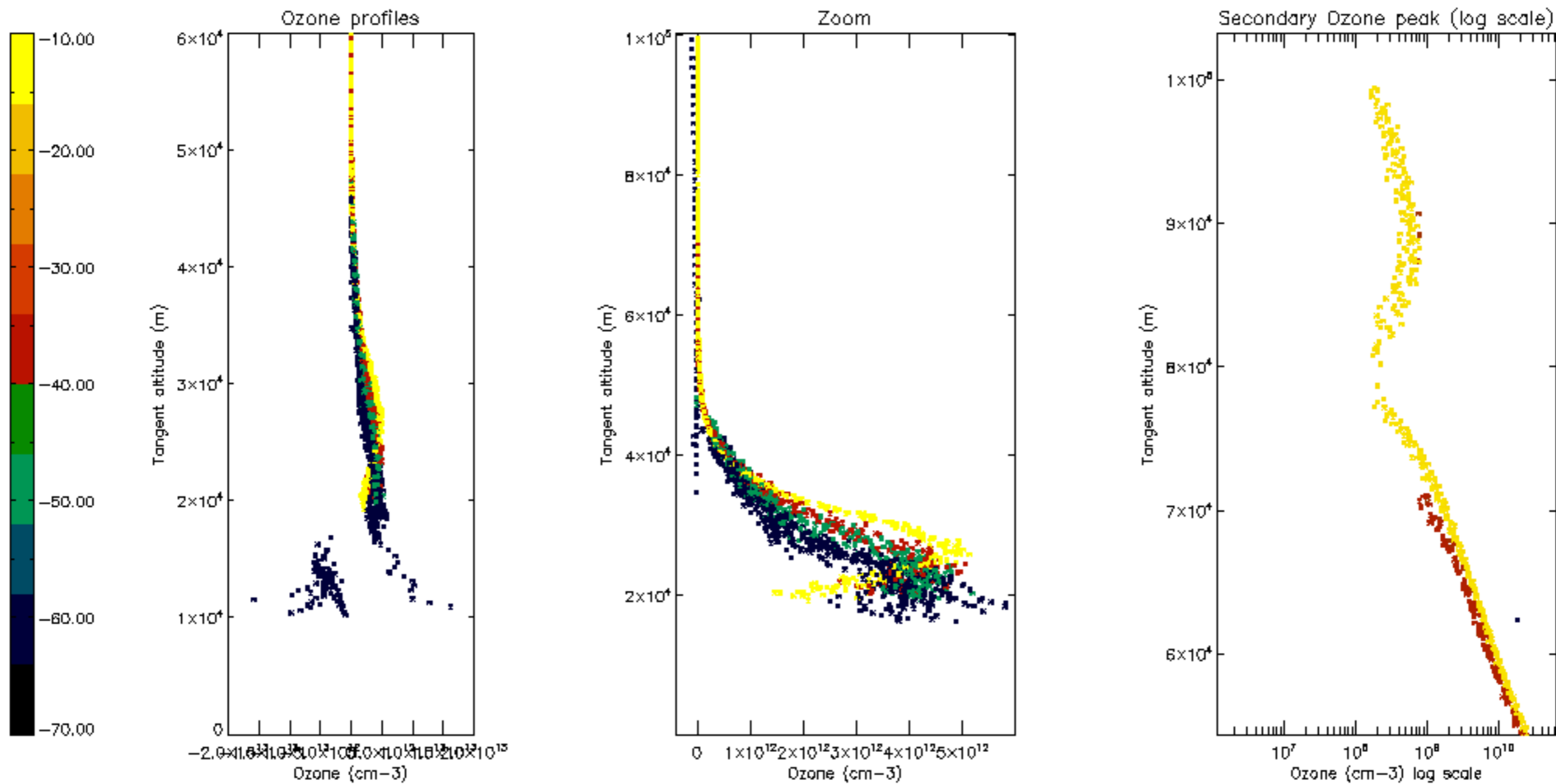
Percentage of star falling outside central band per profile

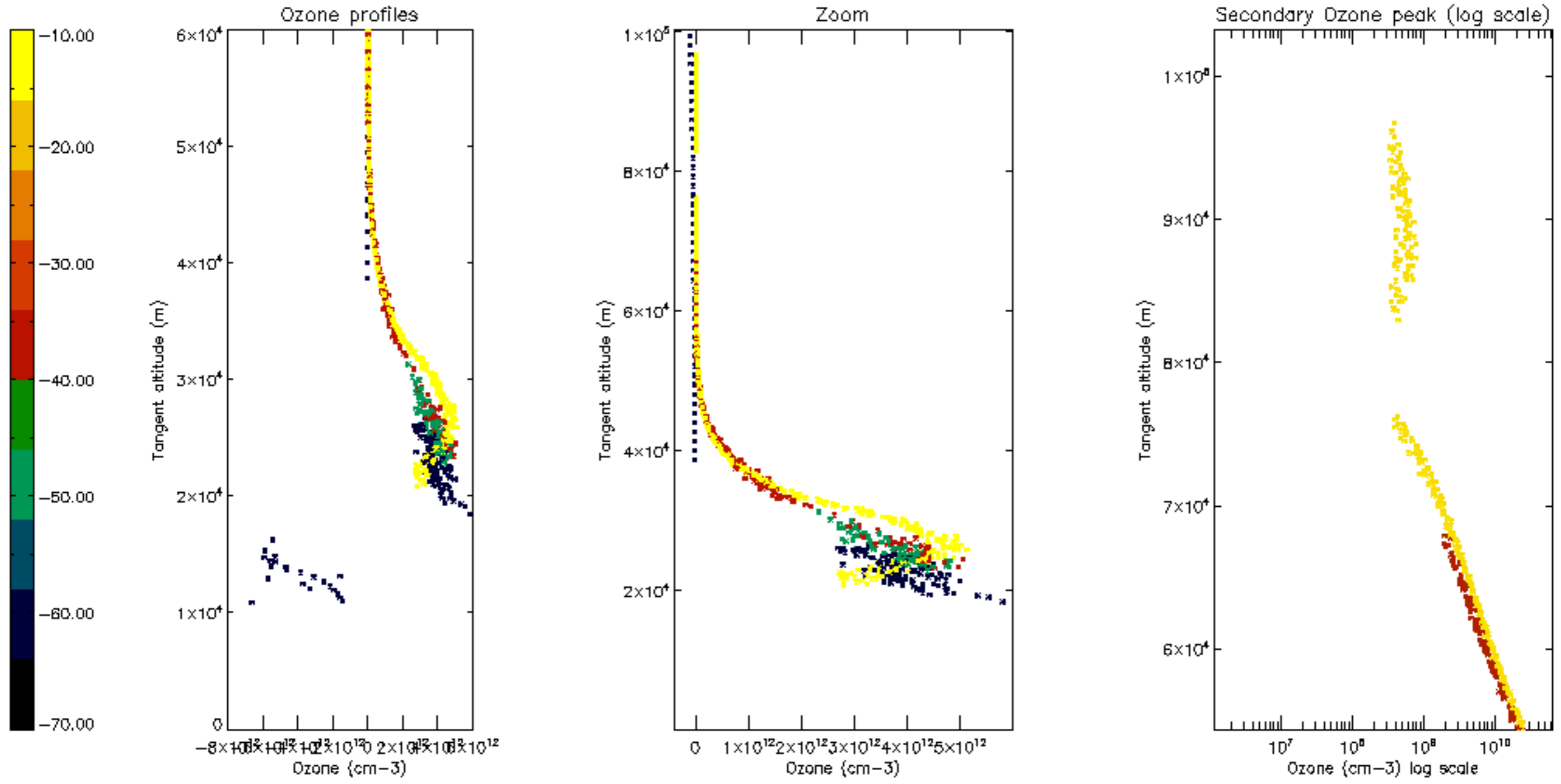


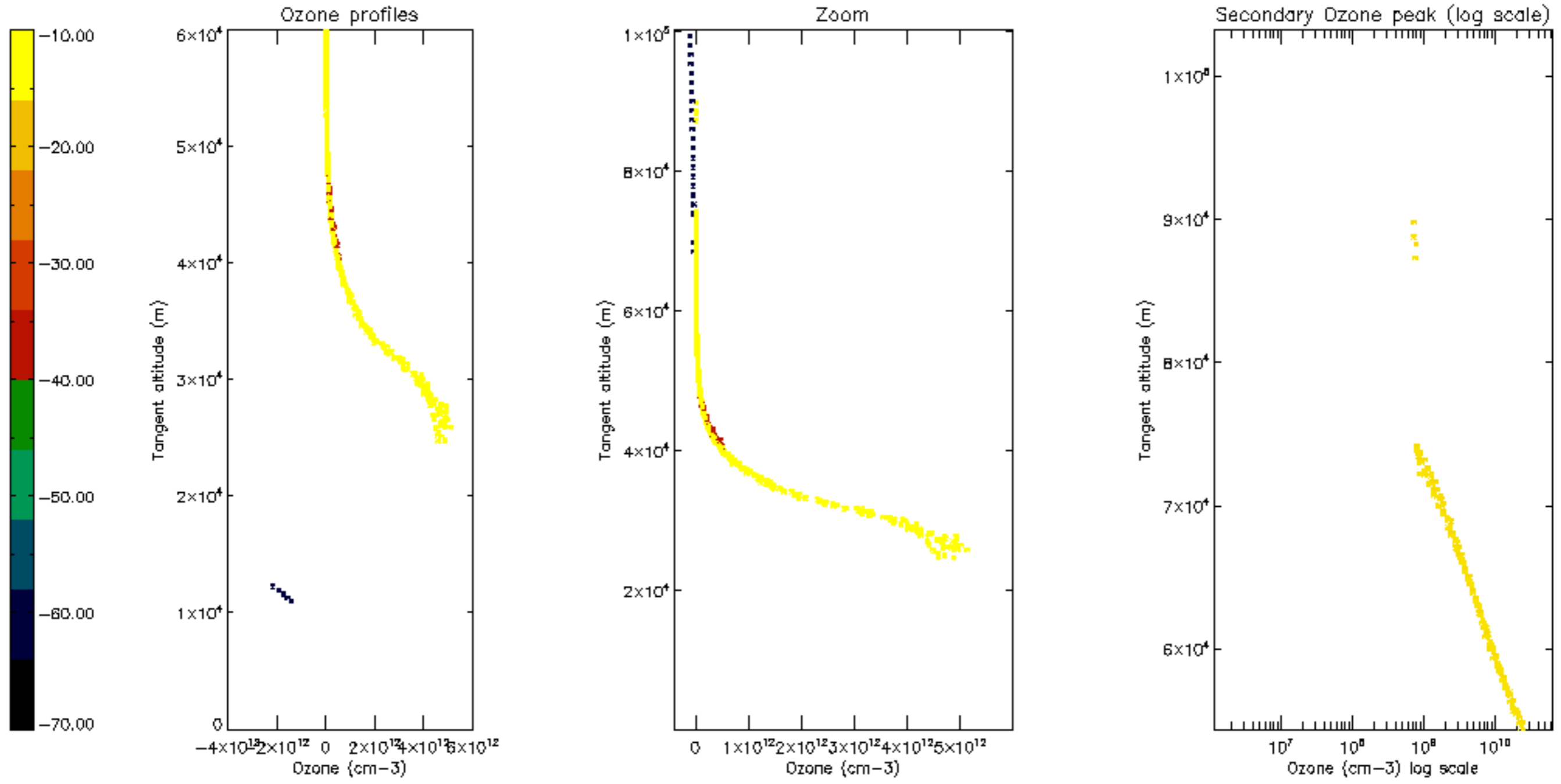
Percentage of saturation errors per profile

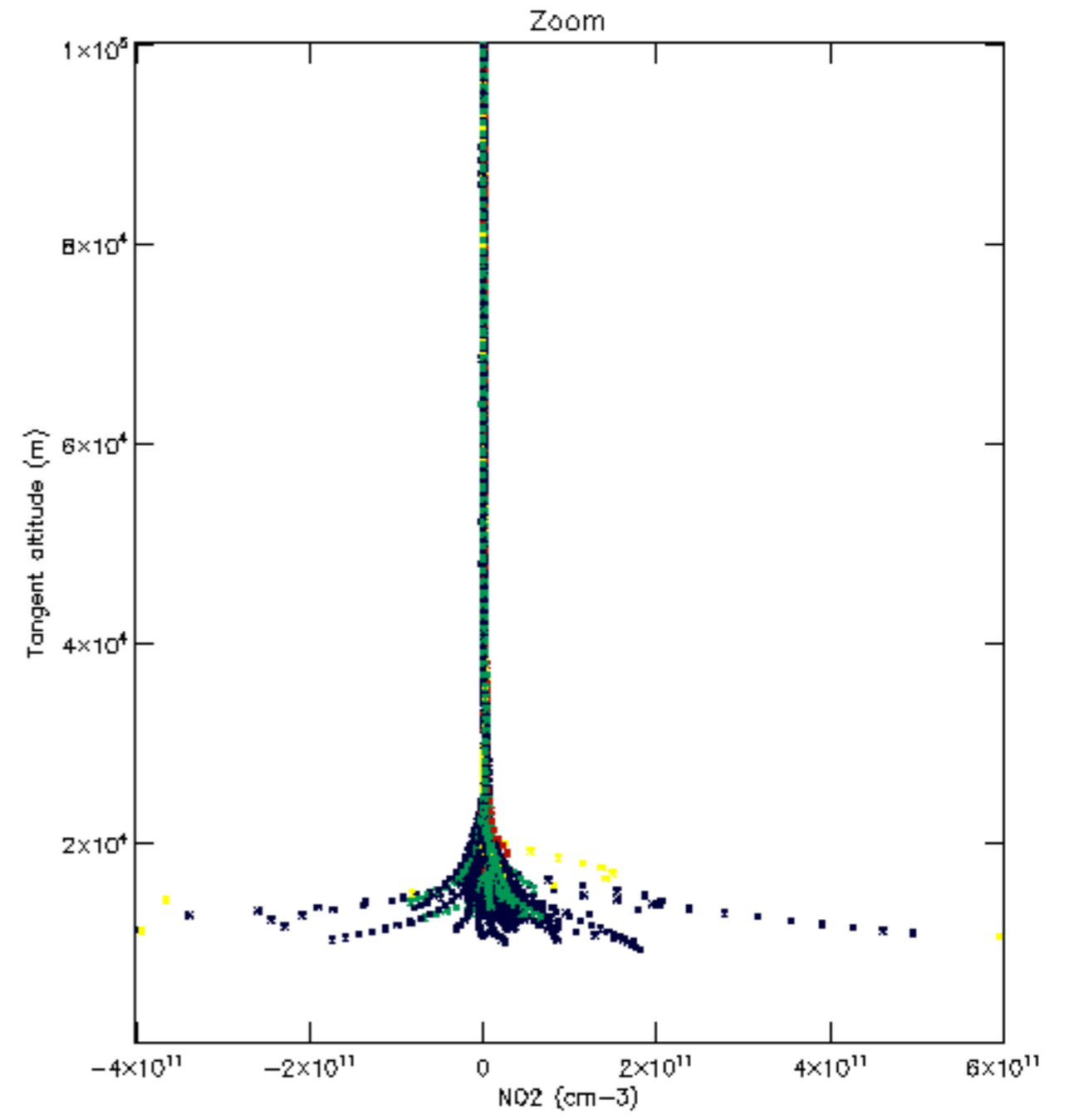
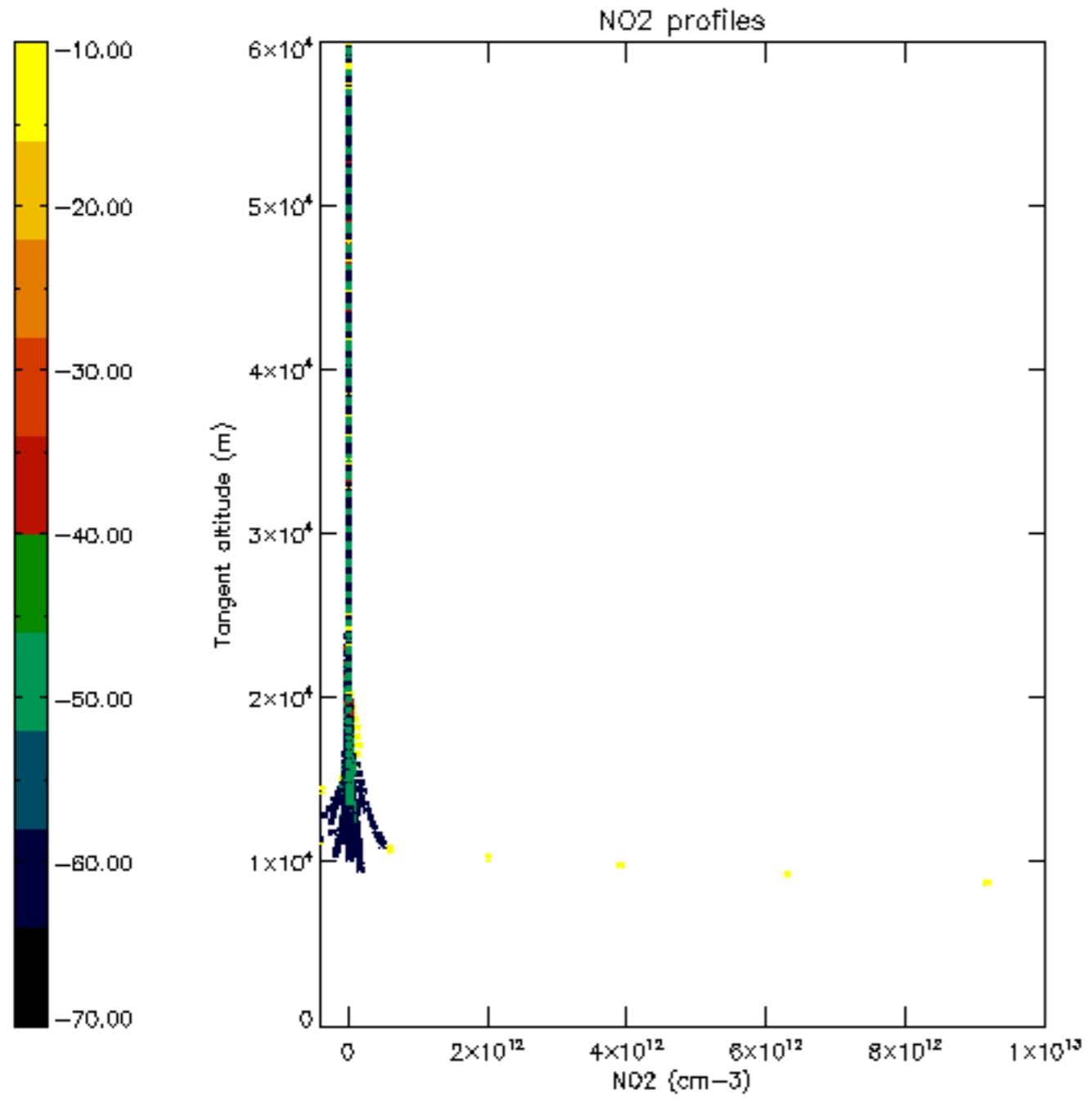


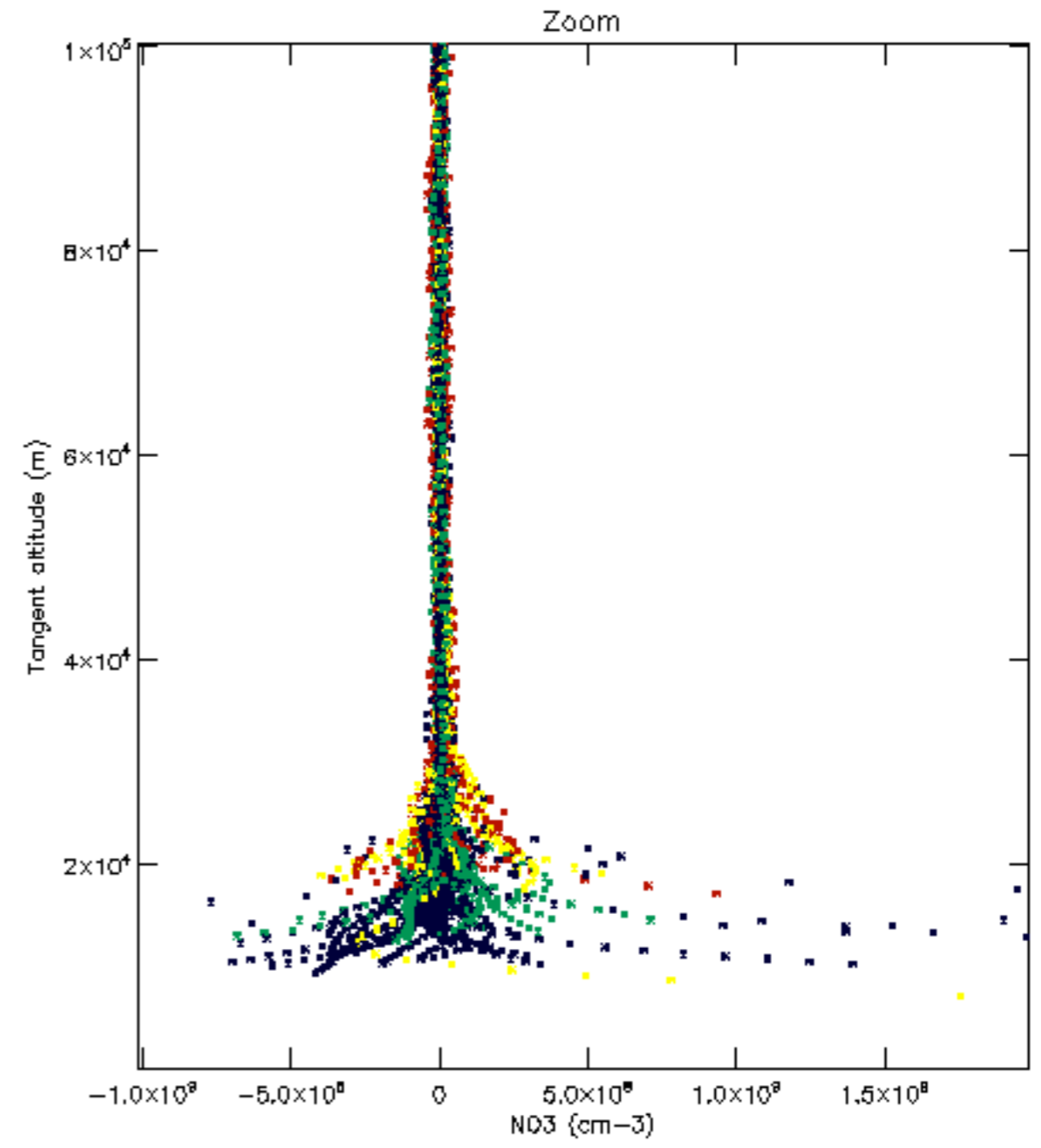
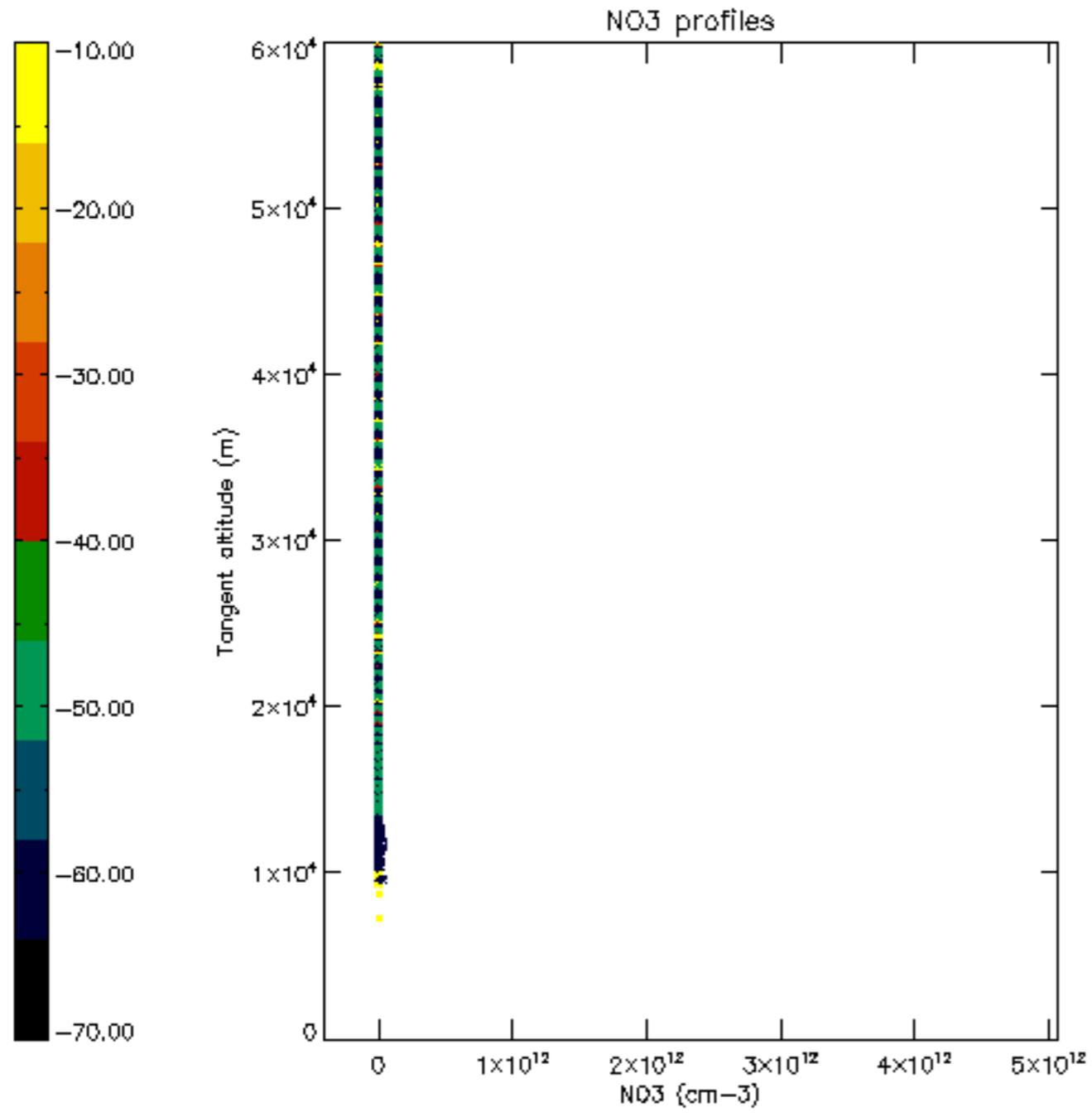


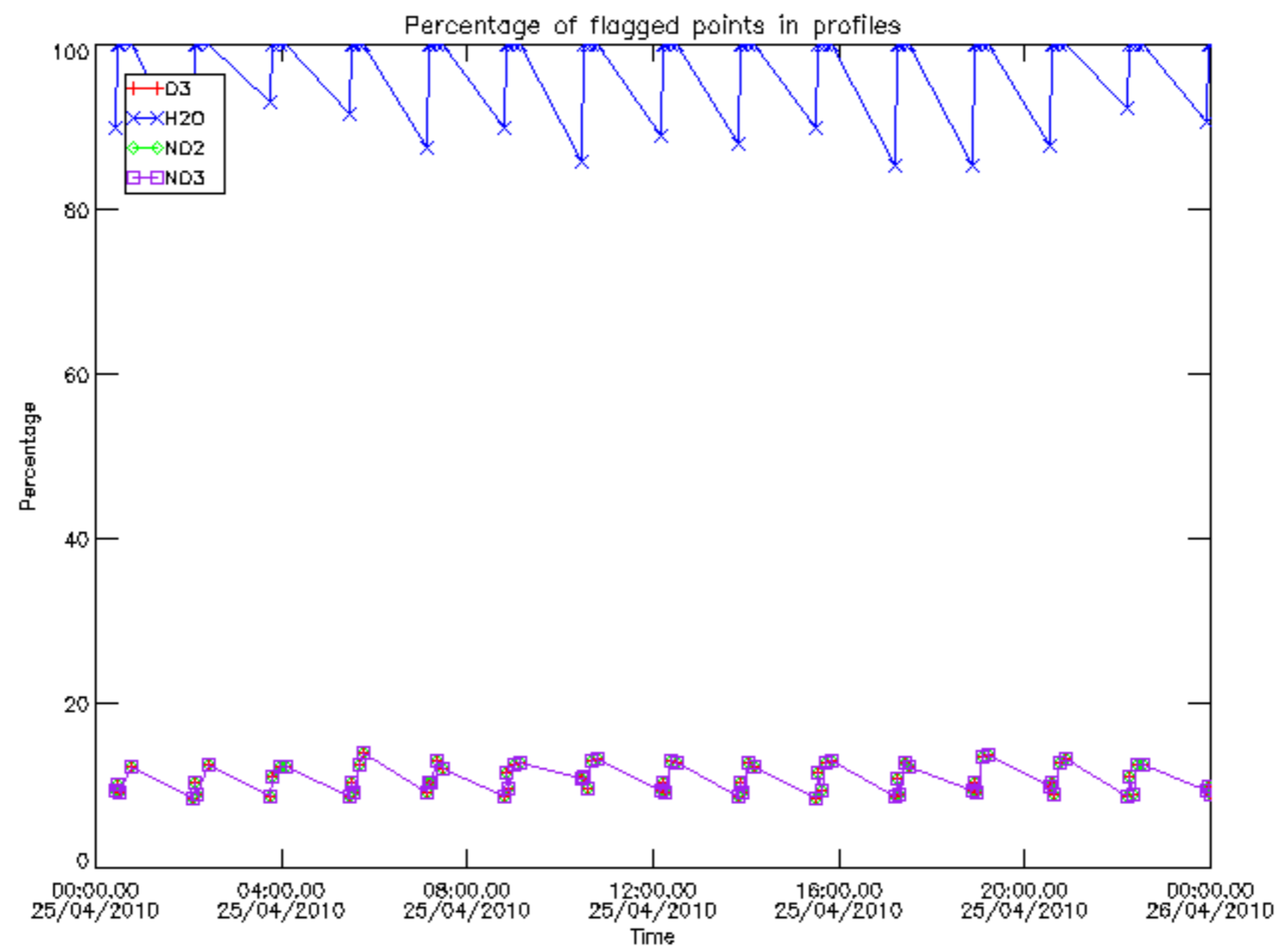




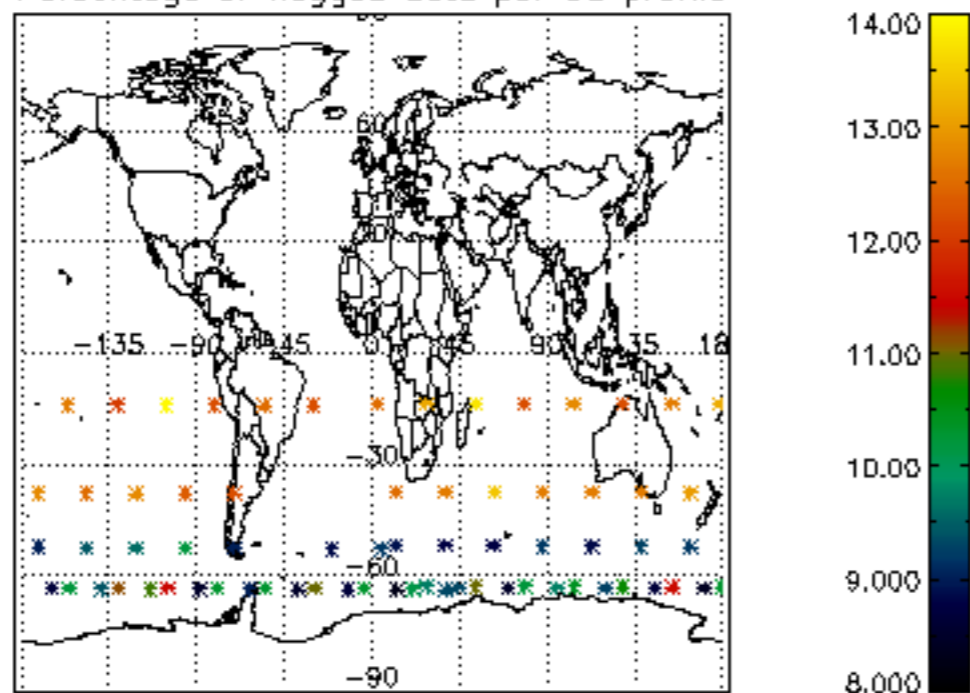




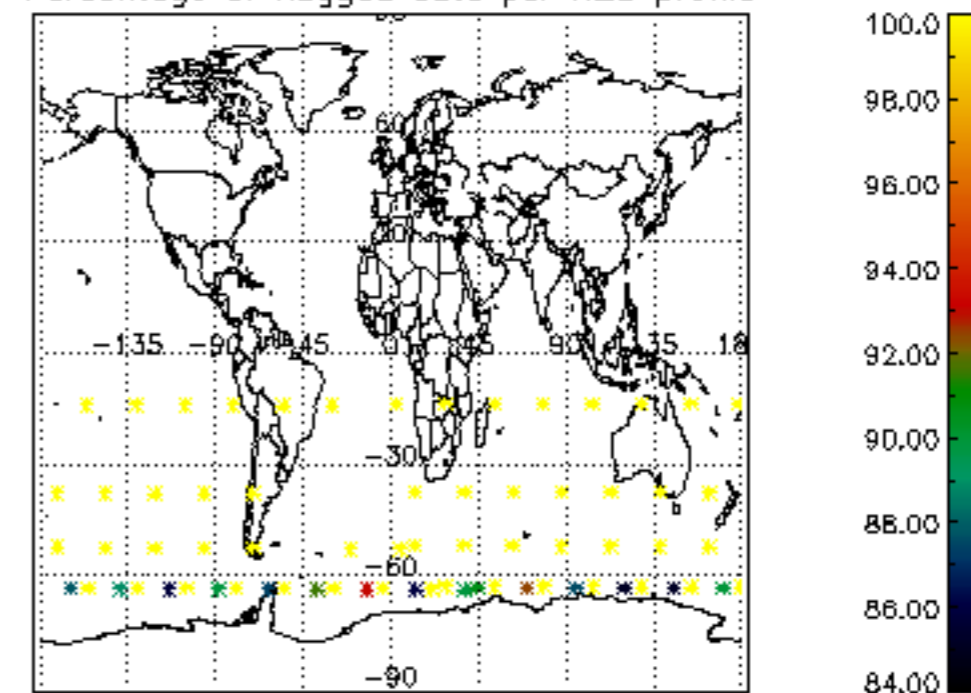




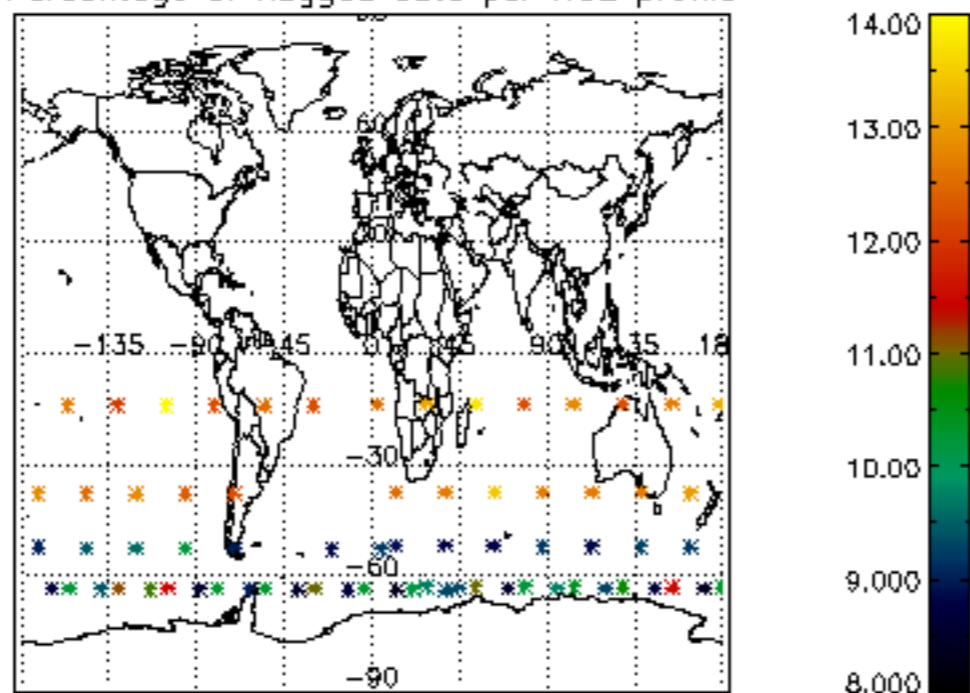
Percentage of flagged data per D3 profile



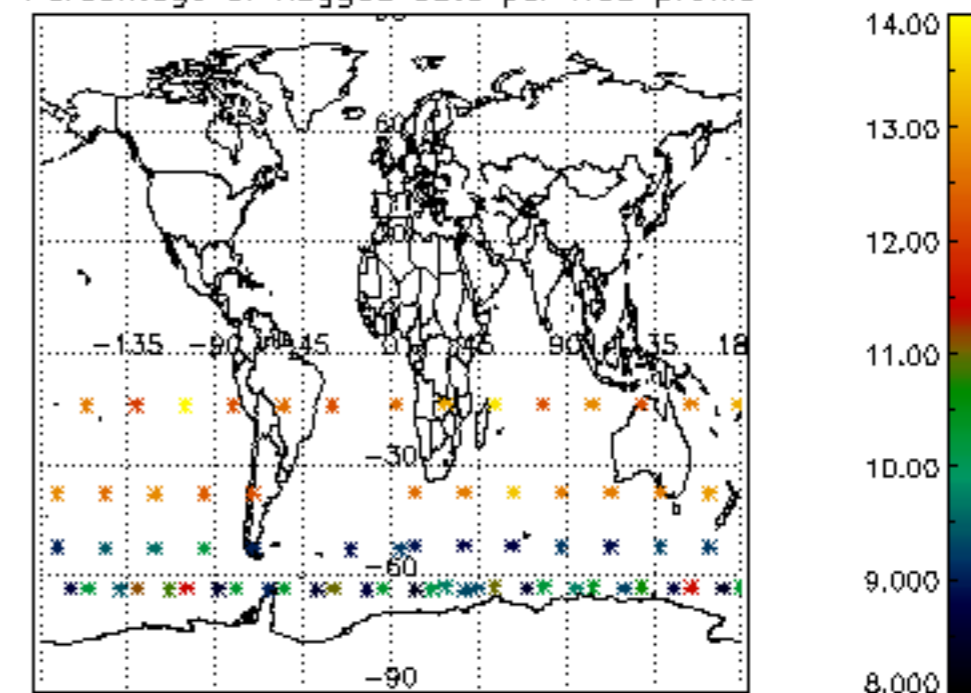
Percentage of flagged data per H2O profile

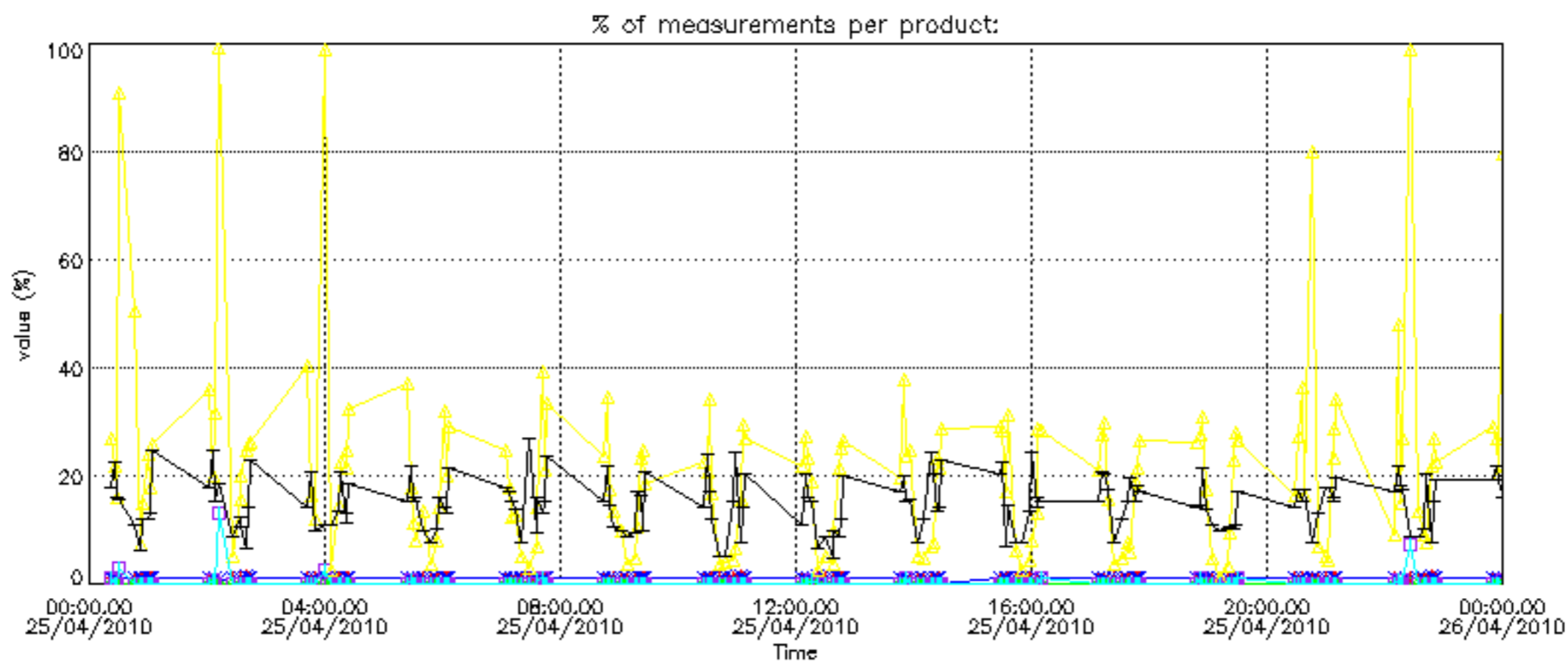


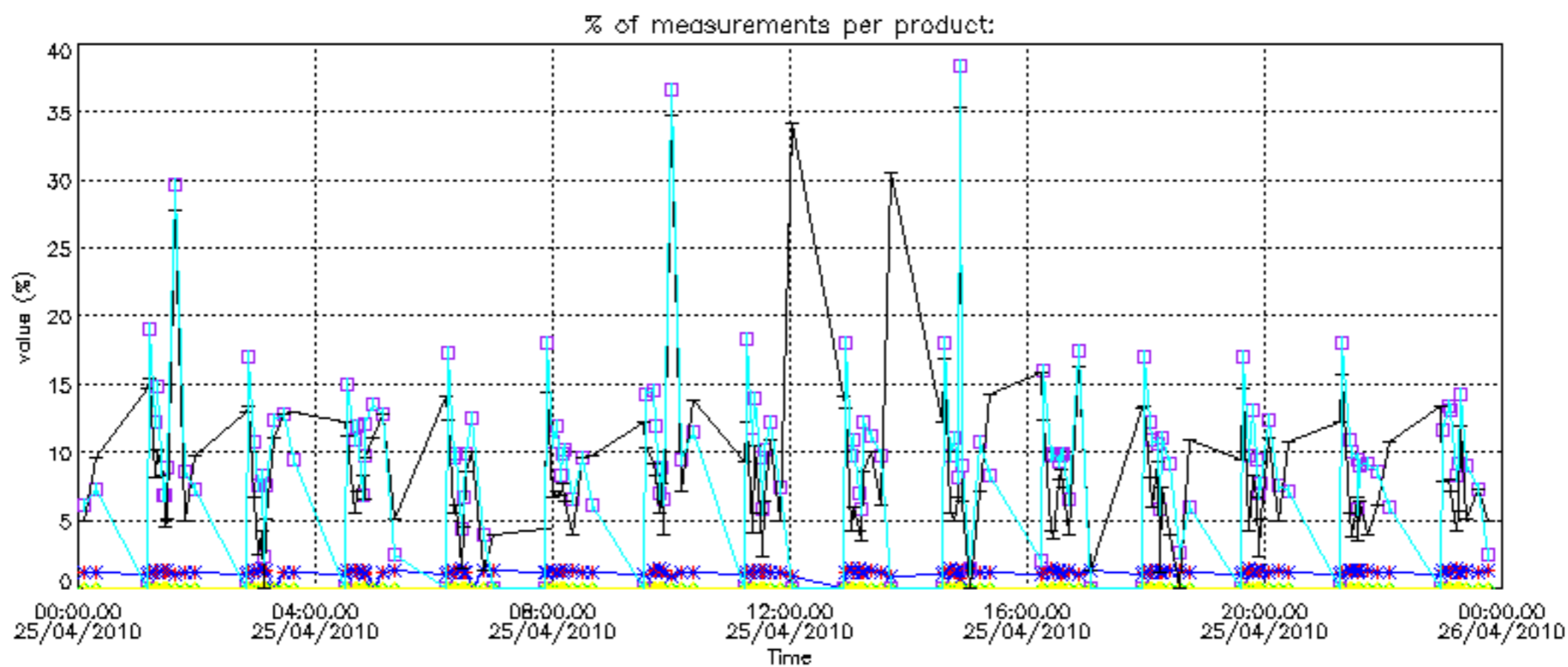
Percentage of flagged data per NO2 profile



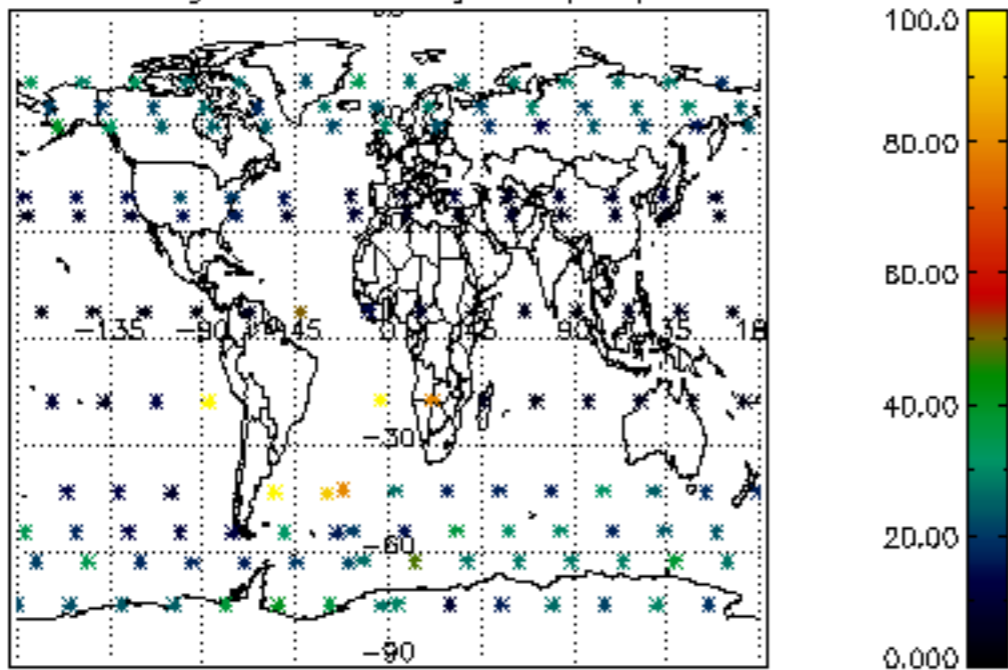
Percentage of flagged data per NO3 profile



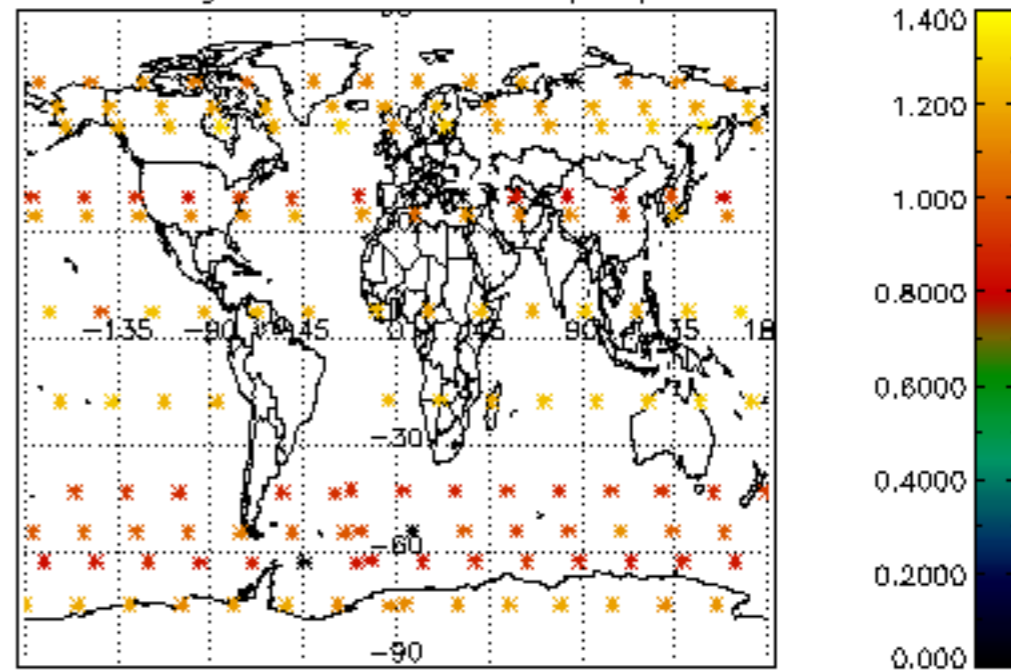




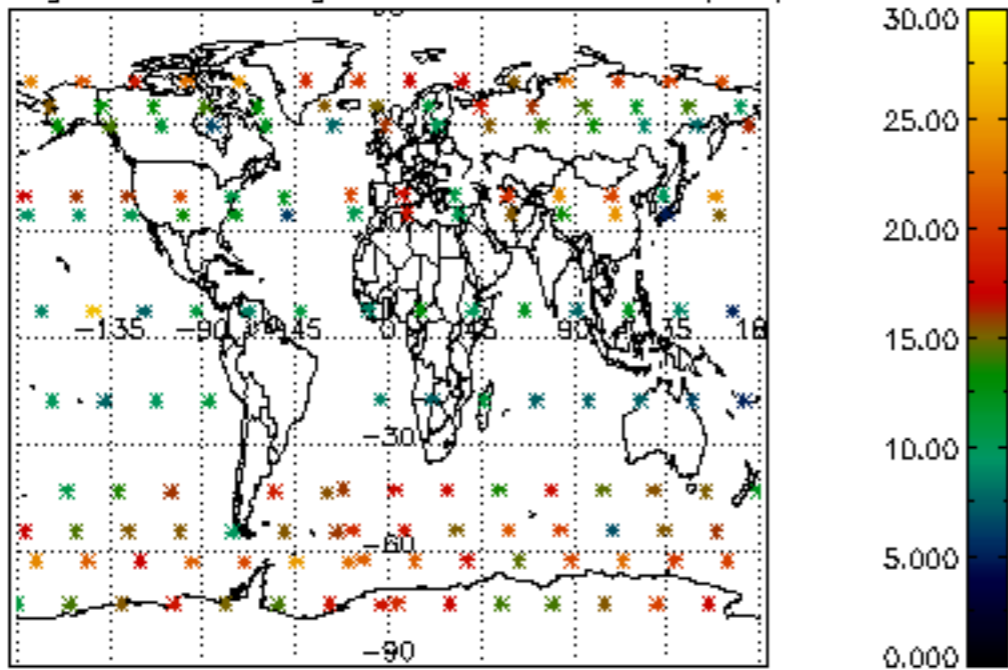
Percentage of cosmic ray hits per profile



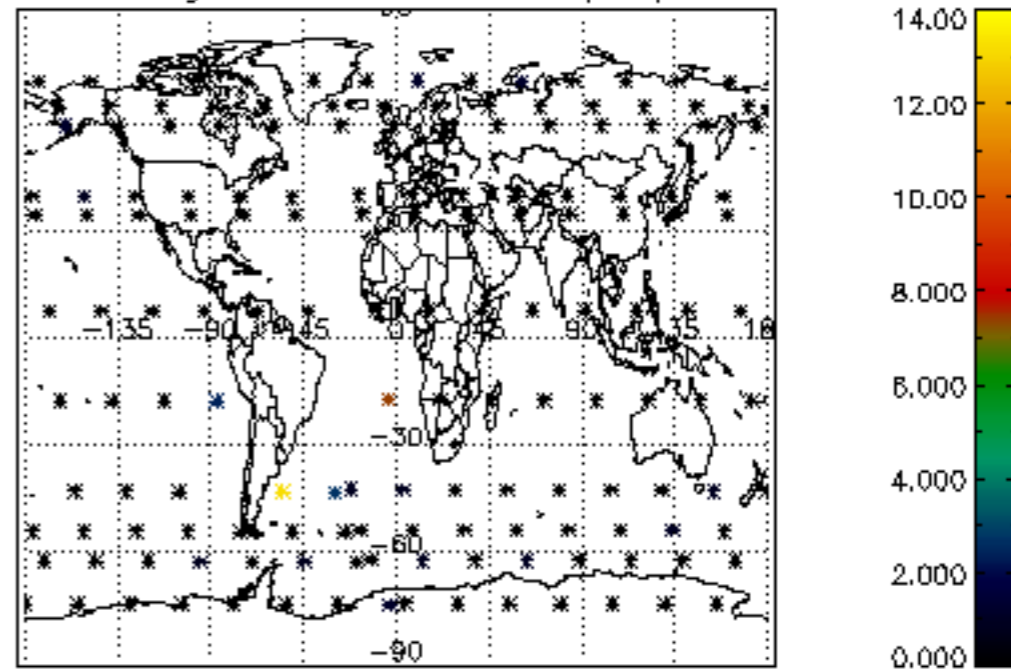
Percentage of datation errors per profile



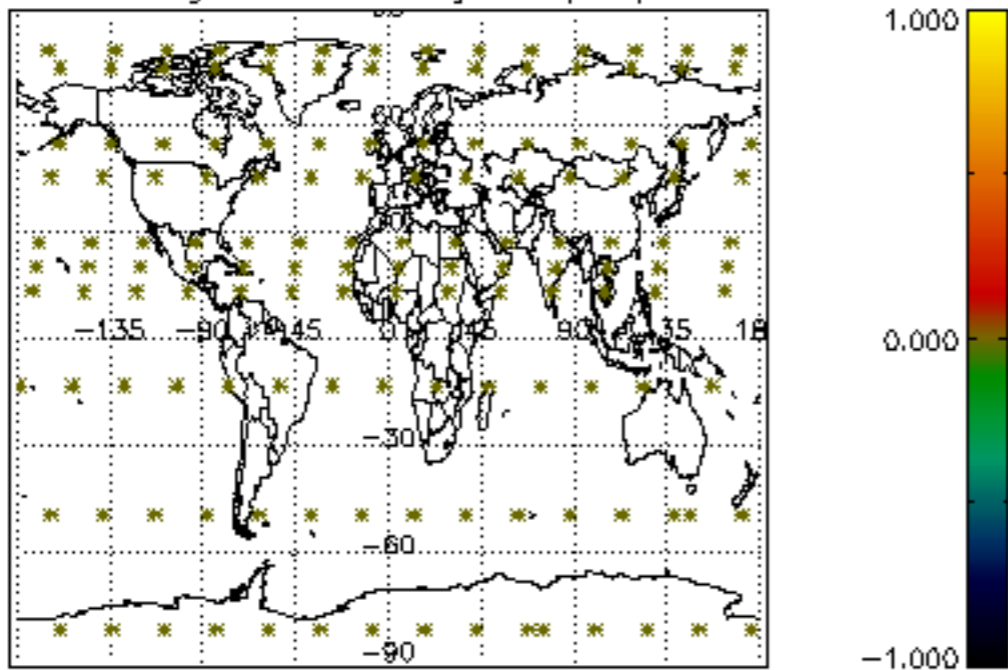
Percentage of star falling outside central band per profile



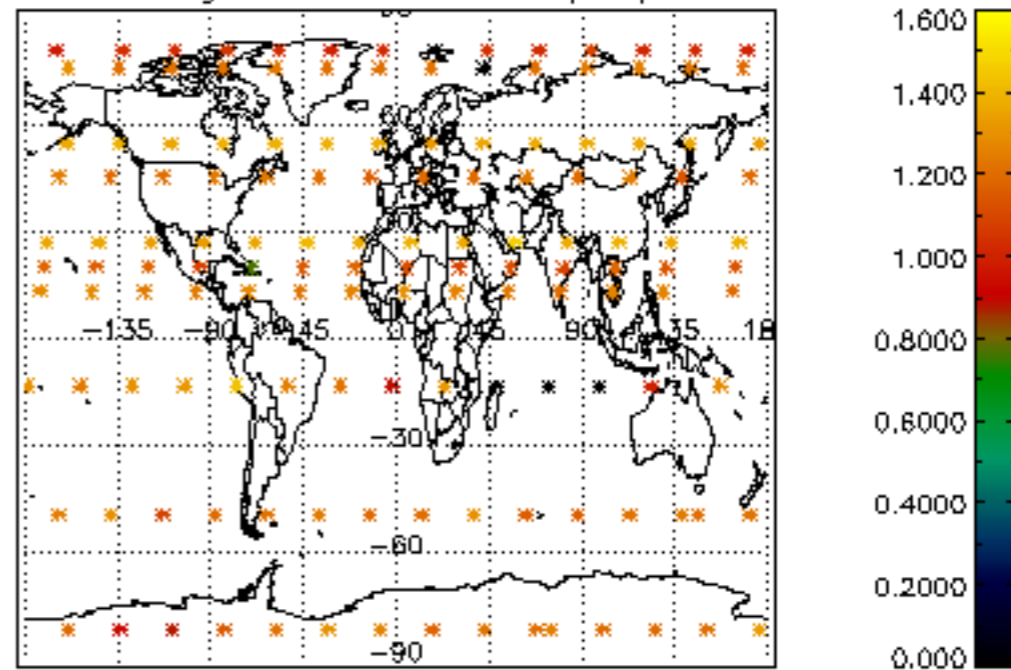
Percentage of saturation errors per profile



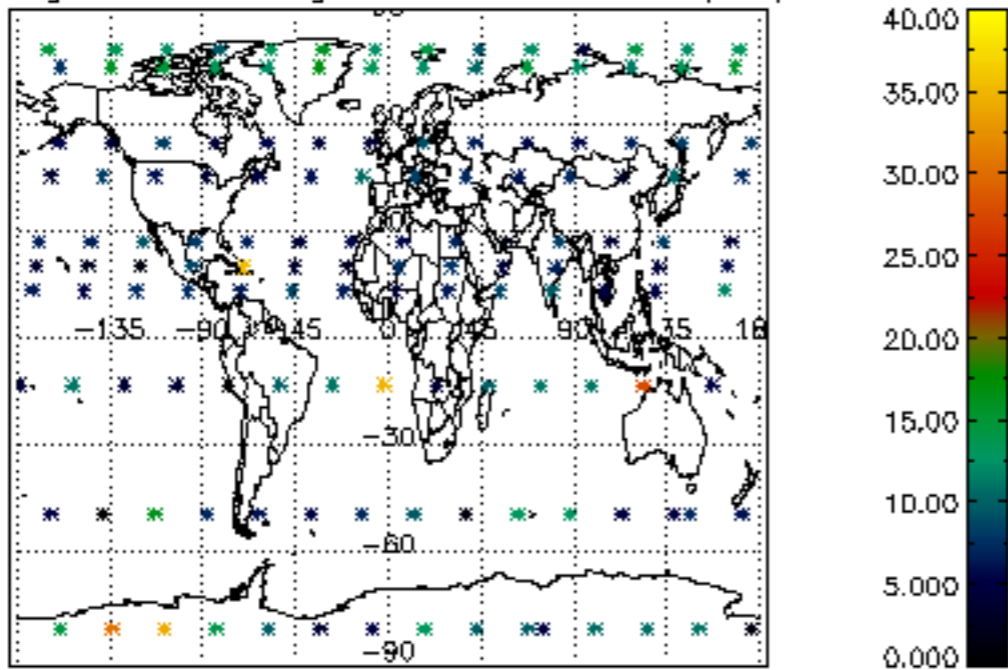
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

