

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	29APR2013 09:55:37
Data source version	GOMOS/6.01
Start time of products	21-04-2010 (21APR2010 00:00:00)
Stop time of products	22-04-2010 (22APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	308
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__2PRFIN20100421_000320_000000382088_00417_42555_5471.N1	21-APR-2010 00:03:20	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42555	No
2	GOM_NL__2PRFIN20100421_000618_000000632088_00417_42555_5472.N1	21-APR-2010 00:06:18	Bright	63.000	111	8Eta Boo	2.6800	6000.0	126	42555	No
3	GOM_NL__2PRFIN20100421_001118_000000362088_00417_42555_5473.N1	21-APR-2010 00:11:18	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	42555	No
4	GOM_NL__2PRFIN20100421_001347_000000452088_00417_42555_5474.N1	21-APR-2010 00:13:47	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42555	No
5	GOM_NL__2PRFIN20100421_001521_000000422088_00417_42555_5475.N1	21-APR-2010 00:15:21	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42555	No
6	GOM_NL__2PRFIN20100421_002238_000000412088_00417_42555_5476.N1	21-APR-2010 00:22:38	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42555	No
7	GOM_NL__2PRFIN20100421_003250_000000432088_00417_42555_5477.N1	21-APR-2010 00:32:50	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42555	No
8	GOM_NL__2PRFIN20100421_004311_000000382088_00417_42555_5478.N1	21-APR-2010 00:43:11	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	42555	No
9	GOM_NL__2PRFIN20100421_005040_000000532088_00417_42555_5479.N1	21-APR-2010 00:50:40	Dark	52.500	61	8Eps Peg	2.1000	3900.0	105	42555	No
10	GOM_NL__2PRFIN20100421_005309_000000482088_00417_42555_5480.N1	21-APR-2010 00:53:09	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	42555	No
11	GOM_NL__2PRFIN20100421_005603_000000512088_00417_42555_5481.N1	21-APR-2010 00:56:03	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42555	No
12	GOM_NL__2PRFIN20100421_005821_000000452088_00417_42555_5482.N1	21-APR-2010 00:58:21	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42555	No
13	GOM_NL__2PRFIN20100421_010329_000000382088_00417_42555_5483.N1	21-APR-2010 01:03:29	Dark	38.000	172	Gam Gru	3.0030	13100.	76	42555	No
14	GOM_NL__2PRFIN20100421_011033_000000402088_00418_42556_5479.N1	21-APR-2010 01:10:33	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42556	No
15	GOM_NL__2PRFIN20100421_011909_000000532088_00418_42556_5480.N1	21-APR-2010 01:19:09	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42556	No
16	GOM_NL__2PRFIN20100421_012526_000000422088_00418_42556_5481.N1	21-APR-2010 01:25:26	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42556	No
17	GOM_NL__2PRFIN20100421_012700_000000442088_00418_42556_5482.N1	21-APR-2010 01:27:00	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42556	No
18	GOM_NL__2PRFIN20100421_012916_000000432088_00418_42556_5483.N1	21-APR-2010 01:29:16	Straylight	42.500	54	5The Cen	2.0550	4500.0	85	42556	No
19	GOM_NL__2PRFIN20100421_013348_000000432088_00418_42556_5484.N1	21-APR-2010 01:33:48	Twilight_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42556	No
20	GOM_NL__2PRFIN20100421_013516_000000522088_00418_42556_5485.N1	21-APR-2010 01:35:16	Bright	51.500	122	9Alp2Lib	2.7470	9700.0	103	42556	No
21	GOM_NL__2PRFIN20100421_013718_000000442088_00418_42556_5486.N1	21-APR-2010 01:37:18	Bright	43.500	15	67Alp Vir	0.97600	28000.	87	42556	No
22	GOM_NL__2PRFIN20100421_014356_000000402088_00418_42556_5487.N1	21-APR-2010 01:43:56	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	42556	No
23	GOM_NL__2PRFIN20100421_014653_000000442088_00418_42556_5488.N1	21-APR-2010 01:46:53	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42556	No
24	GOM_NL__2PRFIN20100421_015153_000000392088_00418_42556_5489.N1	21-APR-2010 01:51:53	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42556	No
25	GOM_NL__2PRFIN20100421_015423_000000472088_00418_42556_5490.N1	21-APR-2010 01:54:23	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	42556	No
26	GOM_NL__2PRFIN20100421_015557_000000382088_00418_42556_5491.N1	21-APR-2010 01:55:57	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	42556	No
27	GOM_NL__2PRFIN20100421_020314_000000392088_00418_42556_5492.N1	21-APR-2010 02:03:14	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42556	No
28	GOM_NL__2PRFIN20100421_021326_000000422088_00418_42556_5493.N1	21-APR-2010 02:13:26	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42556	No
29	GOM_NL__2PRFIN20100421_022347_000000402088_00418_42556_5494.N1	21-APR-2010 02:23:47	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42556	No
30	GOM_NL__2PRFIN20100421_023117_000000562088_00418_42556_5495.N1	21-APR-2010 02:31:17	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	42556	No
31	GOM_NL__2PRFIN20100421_023345_000000472088_00418_42556_5496.N1	21-APR-2010 02:33:45	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42556	No
32	GOM_NL__2PRFIN20100421_023640_000000532088_00418_42556_5497.N1	21-APR-2010 02:36:40	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	42556	No
33	GOM_NL__2PRFIN20100421_023857_000000432088_00418_42556_5498.N1	21-APR-2010 02:38:57	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42556	No
34	GOM_NL__2PRFIN20100421_024405_000000402088_00418_42556_5499.N1	21-APR-2010 02:44:05	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42556	No
35	GOM_NL__2PRFIN20100421_025110_000000402088_00419_42557_5499.N1	21-APR-2010 02:51:10	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42557	No
36	GOM_NL__2PRFIN20100421_025946_000000542088_00419_42557_5500.N1	21-APR-2010 02:59:46	Straylight	54.000	40	The Sco	1.8590	7100.0	108	42557	No
37	GOM_NL__2PRFIN20100421_030602_000000442088_00419_42557_5501.N1	21-APR-2010 03:06:02	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42557	No
38	GOM_NL__2PRFIN20100421_030737_000000422088_00419_42557_5502.N1	21-APR-2010 03:07:37	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42557	No
39	GOM_NL__2PRFIN20100421_030953_000000502088_00419_42557_5503.N1	21-APR-2010 03:09:53	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42557	No
40	GOM_NL__2PRFIN20100421_031424_000000442088_00419_42557_5504.N1	21-APR-2010 03:14:24	Twilight_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42557	No
41	GOM_NL__2PRFIN20100421_031552_000000552088_00419_42557_5505.N1	21-APR-2010 03:15:52	Bright	55.000	122	9Alp2Lib	2.7470	9700.0	110	42557	No
42	GOM_NL__2PRFIN20100421_031754_000000442088_00419_42557_5506.N1	21-APR-2010 03:17:54	Bright	43.500	15	67Alp Vir	0.97600	28000.	87	42557	No

43	GOM_NL__2PRFIN20100421_032432_000000382088_00419_42557_5507.N1	21-APR-2010 03:24:32	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42557	No
44	GOM_NL__2PRFIN20100421_032729_000000452088_00419_42557_5508.N1	21-APR-2010 03:27:29	Bright	44.500	111	8Eta Boo	2.6800	6000.0	89	42557	No
45	GOM_NL__2PRFIN20100421_033229_000000362088_00419_42557_5509.N1	21-APR-2010 03:32:29	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	42557	No
46	GOM_NL__2PRFIN20100421_033458_000000472088_00419_42557_5510.N1	21-APR-2010 03:34:58	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	42557	No
47	GOM_NL__2PRFIN20100421_033632_000000422088_00419_42557_5511.N1	21-APR-2010 03:36:32	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42557	No
48	GOM_NL__2PRFIN20100421_034350_000000402088_00419_42557_5512.N1	21-APR-2010 03:43:50	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42557	No
49	GOM_NL__2PRFIN20100421_035402_000000592088_00419_42557_5513.N1	21-APR-2010 03:54:02	Bright	59.000	89	5Alp Cep	2.4510	8000.0	118	42557	No
50	GOM_NL__2PRFIN20100421_040423_000000402088_00419_42557_5514.N1	21-APR-2010 04:04:23	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42557	No
51	GOM_NL__2PRFIN20100421_041153_000000532088_00419_42557_5515.N1	21-APR-2010 04:11:53	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42557	No
52	GOM_NL__2PRFIN20100421_041422_000000482088_00419_42557_5516.N1	21-APR-2010 04:14:22	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	42557	No
53	GOM_NL__2PRFIN20100421_041716_000000522088_00419_42557_5517.N1	21-APR-2010 04:17:16	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	42557	No
54	GOM_NL__2PRFIN20100421_041934_000000462088_00419_42557_5518.N1	21-APR-2010 04:19:34	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	42557	No
55	GOM_NL__2PRFIN20100421_042442_000000422088_00419_42557_5519.N1	21-APR-2010 04:24:42	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42557	No
56	GOM_NL__2PRFIN20100421_043146_000000392088_00420_42558_5507.N1	21-APR-2010 04:31:46	Dark	39.000	45	Alp Pav	1.9400	26000.	78	42558	No
57	GOM_NL__2PRFIN20100421_044023_000000572088_00420_42558_5508.N1	21-APR-2010 04:40:23	Straylight	56.500	40	The Sco	1.8590	7100.0	113	42558	No
58	GOM_NL__2PRFIN20100421_044639_000000442088_00420_42558_5509.N1	21-APR-2010 04:46:39	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42558	No
59	GOM_NL__2PRFIN20100421_044813_000000462088_00420_42558_5510.N1	21-APR-2010 04:48:13	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42558	No
60	GOM_NL__2PRFIN20100421_045029_000000462088_00420_42558_5511.N1	21-APR-2010 04:50:29	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42558	No
61	GOM_NL__2PRFIN20100421_045501_000000432088_00420_42558_5512.N1	21-APR-2010 04:55:01	Tw_i_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42558	No
62	GOM_NL__2PRFIN20100421_045629_000000512088_00420_42558_5513.N1	21-APR-2010 04:56:29	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42558	No
63	GOM_NL__2PRFIN20100421_045830_000000432088_00420_42558_5514.N1	21-APR-2010 04:58:30	Bright	43.000	15	67Alp Vir	0.97600	28000.	86	42558	No
64	GOM_NL__2PRFIN20100421_050508_000000382088_00420_42558_5515.N1	21-APR-2010 05:05:08	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42558	No
65	GOM_NL__2PRFIN20100421_050805_000000442088_00420_42558_5516.N1	21-APR-2010 05:08:05	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42558	No
66	GOM_NL__2PRFIN20100421_051305_000000382088_00420_42558_5517.N1	21-APR-2010 05:13:05	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42558	No
67	GOM_NL__2PRFIN20100421_051533_000000472088_00420_42558_5518.N1	21-APR-2010 05:15:33	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	42558	No
68	GOM_NL__2PRFIN20100421_051708_000000422088_00420_42558_5519.N1	21-APR-2010 05:17:08	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42558	No
69	GOM_NL__2PRFIN20100421_052425_000000412088_00420_42558_5520.N1	21-APR-2010 05:24:25	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42558	No
70	GOM_NL__2PRFIN20100421_053437_000000422088_00420_42558_5521.N1	21-APR-2010 05:34:37	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42558	No
71	GOM_NL__2PRFIN20100421_054459_000000402088_00420_42558_5522.N1	21-APR-2010 05:44:59	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42558	No
72	GOM_NL__2PRFIN20100421_055230_000000552088_00420_42558_5523.N1	21-APR-2010 05:52:30	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	42558	No
73	GOM_NL__2PRFIN20100421_055458_000000472088_00420_42558_5524.N1	21-APR-2010 05:54:58	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42558	No
74	GOM_NL__2PRFIN20100421_055753_000000532088_00420_42558_5525.N1	21-APR-2010 05:57:53	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	42558	No
75	GOM_NL__2PRFIN20100421_060011_000000462088_00420_42558_5526.N1	21-APR-2010 06:00:11	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	42558	No
76	GOM_NL__2PRFIN20100421_060518_000000422088_00420_42558_5527.N1	21-APR-2010 06:05:18	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42558	No
77	GOM_NL__2PRFIN20100421_061223_000000462088_00421_42559_5515.N1	21-APR-2010 06:12:23	Dark	46.000	45	Alp Pav	1.9400	26000.	92	42559	No
78	GOM_NL__2PRFIN20100421_062100_000000592088_00421_42559_5516.N1	21-APR-2010 06:21:00	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42559	No
79	GOM_NL__2PRFIN20100421_062715_000000442088_00421_42559_5517.N1	21-APR-2010 06:27:15	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42559	No
80	GOM_NL__2PRFIN20100421_062849_000000422088_00421_42559_5518.N1	21-APR-2010 06:28:49	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42559	No
81	GOM_NL__2PRFIN20100421_063105_000000462088_00421_42559_5519.N1	21-APR-2010 06:31:05	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42559	No
82	GOM_NL__2PRFIN20100421_063537_000000422088_00421_42559_5520.N1	21-APR-2010 06:35:37	Tw_i_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	42559	No
83	GOM_NL__2PRFIN20100421_063705_000000532088_00421_42559_5521.N1	21-APR-2010 06:37:05	Bright	52.500	122	9Alp2Lib	2.7470	9700.0	105	42559	No
84	GOM_NL__2PRFIN20100421_063907_000000432088_00421_42559_5522.N1	21-APR-2010 06:39:07	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42559	No
85	GOM_NL__2PRFIN20100421_064544_000000402088_00421_42559_5523.N1	21-APR-2010 06:45:44	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	42559	No
86	GOM_NL__2PRFIN20100421_064840_000000452088_00421_42559_5524.N1	21-APR-2010 06:48:40	Bright	45.000	111	8Eta Boo	2.6800	6000.0	90	42559	No
87	GOM_NL__2PRFIN20100421_065341_000000382088_00421_42559_5525.N1	21-APR-2010 06:53:41	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42559	No
88	GOM_NL__2PRFIN20100421_065608_000000472088_00421_42559_5526.N1	21-APR-2010 06:56:08	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	42559	No
89	GOM_NL__2PRFIN20100421_065743_000000422088_00421_42559_5527.N1	21-APR-2010 06:57:43	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42559	No
90	GOM_NL__2PRFIN20100421_070501_000000562088_00421_42559_5528.N1	21-APR-2010 07:05:01	Bright	55.500	60	7Bet UMi	2.0810	3950.0	111	42559	No
91	GOM_NL__2PRFIN20100421_071513_000000482088_00421_42559_5529.N1	21-APR-2010 07:15:13	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	42559	No
92	GOM_NL__2PRFIN20100421_072536_000000392088_00421_42559_5530.N1	21-APR-2010 07:25:36	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42559	No
93	GOM_NL__2PRFIN20100421_073306_000000532088_00421_42559_5531.N1	21-APR-2010 07:33:06	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42559	No
94	GOM_NL__2PRFIN20100421_073535_000000472088_00421_42559_5532.N1	21-APR-2010 07:35:35	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42559	No
95	GOM_NL__2PRFIN20100421_073830_000000532088_00421_42559_5533.N1	21-APR-2010 07:38:30	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	42559	No
96	GOM_NL__2PRFIN20100421_074047_000000482088_00421_42559_5534.N1	21-APR-2010 07:40:47	Dark	47.500	142	49Del Cap	2.8500	8900.0	95	42559	No
97	GOM_NL__2PRFIN20100421_074554_000000402088_00421_42559_5535.N1	21-APR-2010 07:45:54	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42559	No
98	GOM_NL__2PRFIN20100421_075259_000000422088_00422_42560_5523.N1	21-APR-2010 07:52:59	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42560	No
99	GOM_NL__2PRFIN20100421_080137_000000552088_00422_42560_5524.N1	21-APR-2010 08:01:37	Straylight	54.500	40	The Sco	1.8590	7100.0	109	42560	No
100	GOM_NL__2PRFIN20100421_080752_000000422088_00422_42560_5525.N1	21-APR-2010 08:07:52	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42560	No
101	GOM_NL__2PRFIN20100421_080926_000000432088_00422_42560_5526.N1	21-APR-2010 08:09:26	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42560	No

102	GOM_NL__2PRFIN20100421_081141_000000472088_00422_42560_5527.N1	21-APR-2010 08:11:41	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42560	No
103	GOM_NL__2PRFIN20100421_081613_000000432088_00422_42560_5528.N1	21-APR-2010 08:16:13	Tw_i_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42560	No
104	GOM_NL__2PRFIN20100421_081741_000000502088_00422_42560_5529.N1	21-APR-2010 08:17:41	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42560	No
105	GOM_NL__2PRFIN20100421_081943_000000422088_00422_42560_5530.N1	21-APR-2010 08:19:43	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42560	No
106	GOM_NL__2PRFIN20100421_082619_000000392088_00422_42560_5531.N1	21-APR-2010 08:26:19	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	42560	No
107	GOM_NL__2PRFIN20100421_082916_000000462088_00422_42560_5532.N1	21-APR-2010 08:29:16	Bright	45.500	111	8Eta Boo	2.6800	6000.0	91	42560	No
108	GOM_NL__2PRFIN20100421_083417_000000512088_00422_42560_5533.N1	21-APR-2010 08:34:17	Bright	51.000	152	12Alp2CVn	2.8900	11000.	102	42560	No
109	GOM_NL__2PRFIN20100421_083643_000000462088_00422_42560_5534.N1	21-APR-2010 08:36:43	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42560	No
110	GOM_NL__2PRFIN20100421_083819_000000412088_00422_42560_5535.N1	21-APR-2010 08:38:19	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42560	No
111	GOM_NL__2PRFIN20100421_084537_000000372088_00422_42560_5536.N1	21-APR-2010 08:45:37	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42560	No
112	GOM_NL__2PRFIN20100421_085549_000000392088_00422_42560_5537.N1	21-APR-2010 08:55:49	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42560	No
113	GOM_NL__2PRFIN20100421_090612_000000392088_00422_42560_5538.N1	21-APR-2010 09:06:12	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42560	No
114	GOM_NL__2PRFIN20100421_091020_000000432088_00422_42560_5539.N1	21-APR-2010 09:10:20	Tw_i_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42560	No
115	GOM_NL__2PRFIN20100421_091343_000000552088_00422_42560_5540.N1	21-APR-2010 09:13:43	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	42560	No
116	GOM_NL__2PRFIN20100421_091611_000000462088_00422_42560_5541.N1	21-APR-2010 09:16:11	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42560	No
117	GOM_NL__2PRFIN20100421_091907_000000512088_00422_42560_5542.N1	21-APR-2010 09:19:07	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	42560	No
118	GOM_NL__2PRFIN20100421_092124_000000452088_00422_42560_5543.N1	21-APR-2010 09:21:24	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42560	No
119	GOM_NL__2PRFIN20100421_092631_000000402088_00422_42560_5544.N1	21-APR-2010 09:26:31	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42560	No
120	GOM_NL__2PRFIN20100421_093336_000000402088_00423_42561_5551.N1	21-APR-2010 09:33:36	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42561	No
121	GOM_NL__2PRFIN20100421_094214_000000532088_00423_42561_5552.N1	21-APR-2010 09:42:14	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42561	No
122	GOM_NL__2PRFIN20100421_094828_000000422088_00423_42561_5553.N1	21-APR-2010 09:48:28	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42561	No
123	GOM_NL__2PRFIN20100421_095002_000000432088_00423_42561_5554.N1	21-APR-2010 09:50:02	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42561	No
124	GOM_NL__2PRFIN20100421_095218_000000502088_00423_42561_5555.N1	21-APR-2010 09:52:18	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42561	No
125	GOM_NL__2PRFIN20100421_095649_000000432088_00423_42561_5556.N1	21-APR-2010 09:56:49	Tw_i_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42561	No
126	GOM_NL__2PRFIN20100421_095817_000000512088_00423_42561_5557.N1	21-APR-2010 09:58:17	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42561	No
127	GOM_NL__2PRFIN20100421_100018_000000452088_00423_42561_5558.N1	21-APR-2010 10:00:18	Bright	45.000	15	67Alp Vir	0.97600	28000.	90	42561	No
128	GOM_NL__2PRFIN20100421_100655_000000402088_00423_42561_5559.N1	21-APR-2010 10:06:55	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	42561	No
129	GOM_NL__2PRFIN20100421_100951_000000452088_00423_42561_5560.N1	21-APR-2010 10:09:51	Bright	45.000	111	8Eta Boo	2.6800	6000.0	90	42561	No
130	GOM_NL__2PRFIN20100421_101718_000000482088_00423_42561_5561.N1	21-APR-2010 10:17:18	Bright	48.000	180	27Gam Boo	3.0400	8000.0	96	42561	No
131	GOM_NL__2PRFIN20100421_101854_000000432088_00423_42561_5562.N1	21-APR-2010 10:18:54	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	42561	No
132	GOM_NL__2PRFIN20100421_102612_000000412088_00423_42561_5563.N1	21-APR-2010 10:26:12	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42561	No
133	GOM_NL__2PRFIN20100421_103625_000000412088_00423_42561_5564.N1	21-APR-2010 10:36:25	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42561	No
134	GOM_NL__2PRFIN20100421_104648_000000372088_00423_42561_5565.N1	21-APR-2010 10:46:48	Bright	36.500	164	44Eta Peg	2.9480	5400.0	73	42561	No
135	GOM_NL__2PRFIN20100421_105056_000000442088_00423_42561_5566.N1	21-APR-2010 10:50:56	Tw_i_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42561	No
136	GOM_NL__2PRFIN20100421_105419_000000532088_00423_42561_5567.N1	21-APR-2010 10:54:19	Dark	52.500	61	8Eps Peg	2.1000	3900.0	105	42561	No
137	GOM_NL__2PRFIN20100421_105647_000000482088_00423_42561_5568.N1	21-APR-2010 10:56:47	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	42561	No
138	GOM_NL__2PRFIN20100421_105943_000000542088_00423_42561_5569.N1	21-APR-2010 10:59:43	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	42561	No
139	GOM_NL__2PRFIN20100421_110200_000000492088_00423_42561_5570.N1	21-APR-2010 11:02:00	Dark	49.000	142	49Del Cap	2.8500	8900.0	98	42561	No
140	GOM_NL__2PRFIN20100421_110708_000000412088_00423_42561_5571.N1	21-APR-2010 11:07:08	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42561	No
141	GOM_NL__2PRFIN20100421_111412_000000402088_00424_42562_5559.N1	21-APR-2010 11:14:12	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42562	No
142	GOM_NL__2PRFIN20100421_112251_000000602088_00424_42562_5560.N1	21-APR-2010 11:22:51	Straylight	59.500	40	The Sco	1.8590	7100.0	119	42562	No
143	GOM_NL__2PRFIN20100421_112904_000000442088_00424_42562_5561.N1	21-APR-2010 11:29:04	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42562	No
144	GOM_NL__2PRFIN20100421_113038_000000432088_00424_42562_5562.N1	21-APR-2010 11:30:38	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42562	No
145	GOM_NL__2PRFIN20100421_113254_000000462088_00424_42562_5563.N1	21-APR-2010 11:32:54	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42562	No
146	GOM_NL__2PRFIN20100421_113725_000000422088_00424_42562_5564.N1	21-APR-2010 11:37:25	Tw_i_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	42562	No
147	GOM_NL__2PRFIN20100421_113853_000000532088_00424_42562_5565.N1	21-APR-2010 11:38:53	Bright	52.500	122	9Alp2Lib	2.7470	9700.0	105	42562	No
148	GOM_NL__2PRFIN20100421_114054_000000452088_00424_42562_5566.N1	21-APR-2010 11:40:54	Bright	44.500	15	67Alp Vir	0.97600	28000.	89	42562	No
149	GOM_NL__2PRFIN20100421_114731_000000372088_00424_42562_5567.N1	21-APR-2010 11:47:31	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42562	No
150	GOM_NL__2PRFIN20100421_115027_000000432088_00424_42562_5568.N1	21-APR-2010 11:50:27	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42562	No
151	GOM_NL__2PRFIN20100421_115528_000000382088_00424_42562_5569.N1	21-APR-2010 11:55:28	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42562	No
152	GOM_NL__2PRFIN20100421_115754_000000482088_00424_42562_5570.N1	21-APR-2010 11:57:54	Bright	47.500	180	27Gam Boo	3.0400	8000.0	95	42562	No
153	GOM_NL__2PRFIN20100421_115930_000000382088_00424_42562_5571.N1	21-APR-2010 11:59:30	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	42562	No
154	GOM_NL__2PRFIN20100421_120648_000000402088_00424_42562_5572.N1	21-APR-2010 12:06:48	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42562	No
155	GOM_NL__2PRFIN20100421_121700_000000372088_00424_42562_5573.N1	21-APR-2010 12:17:00	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42562	No
156	GOM_NL__2PRFIN20100421_122724_000000492088_00424_42562_5574.N1	21-APR-2010 12:27:24	Bright	49.000	164	44Eta Peg	2.9480	5400.0	98	42562	No
157	GOM_NL__2PRFIN20100421_123132_000000422088_00424_42562_5575.N1	21-APR-2010 12:31:32	Tw_i_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	42562	No
158	GOM_NL__2PRFIN20100421_123456_000000592088_00424_42562_5576.N1	21-APR-2010 12:34:56	Dark	58.500	61	8Eps Peg	2.1000	3900.0	117	42562	No
159	GOM_NL__2PRFIN20100421_123724_000000482088_00424_42562_5577.N1	21-APR-2010 12:37:24	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	42562	No
160	GOM_NL__2PRFIN20100421_124020_000000532088_00424_42562_5578.N1	21-APR-2010 12:40:20	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	42562	No

161	GOM_NL__2PRFIN20100421_124237_000000452088_00424_42562_5579.N1	21-APR-2010 12:42:37	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42562	No
162	GOM_NL__2PRFIN20100421_124744_000000402088_00424_42562_5580.N1	21-APR-2010 12:47:44	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42562	No
163	GOM_NL__2PRFIN20100421_125449_000000402088_00425_42563_5572.N1	21-APR-2010 12:54:49	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42563	No
164	GOM_NL__2PRFIN20100421_130327_000000522088_00425_42563_5573.N1	21-APR-2010 13:03:27	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42563	No
165	GOM_NL__2PRFIN20100421_130940_000000422088_00425_42563_5574.N1	21-APR-2010 13:09:40	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42563	No
166	GOM_NL__2PRFIN20100421_131115_000000442088_00425_42563_5575.N1	21-APR-2010 13:11:15	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42563	No
167	GOM_NL__2PRFIN20100421_131330_000000482088_00425_42563_5576.N1	21-APR-2010 13:13:30	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42563	No
168	GOM_NL__2PRFIN20100421_131801_000000432088_00425_42563_5577.N1	21-APR-2010 13:18:01	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42563	No
169	GOM_NL__2PRFIN20100421_131929_000000512088_00425_42563_5578.N1	21-APR-2010 13:19:29	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42563	No
170	GOM_NL__2PRFIN20100421_132130_000000422088_00425_42563_5579.N1	21-APR-2010 13:21:30	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42563	No
171	GOM_NL__2PRFIN20100421_132807_000000372088_00425_42563_5580.N1	21-APR-2010 13:28:07	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42563	No
172	GOM_NL__2PRFIN20100421_133102_000000432088_00425_42563_5581.N1	21-APR-2010 13:31:02	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42563	No
173	GOM_NL__2PRFIN20100421_133604_000000372088_00425_42563_5582.N1	21-APR-2010 13:36:04	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42563	No
174	GOM_NL__2PRFIN20100421_133829_000000482088_00425_42563_5583.N1	21-APR-2010 13:38:29	Bright	48.000	180	27Gam Boo	3.0400	8000.0	96	42563	No
175	GOM_NL__2PRFIN20100421_134005_000000412088_00425_42563_5584.N1	21-APR-2010 13:40:05	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42563	No
176	GOM_NL__2PRFIN20100421_134723_000000412088_00425_42563_5585.N1	21-APR-2010 13:47:23	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42563	No
177	GOM_NL__2PRFIN20100421_135736_000000412088_00425_42563_5586.N1	21-APR-2010 13:57:36	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42563	No
178	GOM_NL__2PRFIN20100421_140800_000000362088_00425_42563_5587.N1	21-APR-2010 14:08:00	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	42563	No
179	GOM_NL__2PRFIN20100421_141208_000000422088_00425_42563_5588.N1	21-APR-2010 14:12:08	Tw_i_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	42563	No
180	GOM_NL__2PRFIN20100421_141532_000000562088_00425_42563_5589.N1	21-APR-2010 14:15:32	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42563	No
181	GOM_NL__2PRFIN20100421_141800_000000492088_00425_42563_5590.N1	21-APR-2010 14:18:00	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42563	No
182	GOM_NL__2PRFIN20100421_142057_000000492088_00425_42563_5591.N1	21-APR-2010 14:20:57	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42563	No
183	GOM_NL__2PRFIN20100421_142314_000000442088_00425_42563_5592.N1	21-APR-2010 14:23:14	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42563	No
184	GOM_NL__2PRFIN20100421_142821_000000402088_00425_42563_5593.N1	21-APR-2010 14:28:21	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42563	No
185	GOM_NL__2PRFIN20100421_143525_000000422088_00426_42564_5580.N1	21-APR-2010 14:35:25	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42564	No
186	GOM_NL__2PRFIN20100421_144405_000000572088_00426_42564_5581.N1	21-APR-2010 14:44:05	Straylight	57.000	40	The Sco	1.8590	7100.0	114	42564	No
187	GOM_NL__2PRFIN20100421_145016_000000412088_00426_42564_5582.N1	21-APR-2010 14:50:16	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42564	No
188	GOM_NL__2PRFIN20100421_145151_000000422088_00426_42564_5583.N1	21-APR-2010 14:51:51	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42564	No
189	GOM_NL__2PRFIN20100421_145406_000000452088_00426_42564_5584.N1	21-APR-2010 14:54:06	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42564	No
190	GOM_NL__2PRFIN20100421_145837_000000432088_00426_42564_5585.N1	21-APR-2010 14:58:37	Tw_i_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42564	No
191	GOM_NL__2PRFIN20100421_150005_000000512088_00426_42564_5586.N1	21-APR-2010 15:00:05	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42564	No
192	GOM_NL__2PRFIN20100421_150206_000000422088_00426_42564_5587.N1	21-APR-2010 15:02:06	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42564	No
193	GOM_NL__2PRFIN20100421_150843_000000372088_00426_42564_5588.N1	21-APR-2010 15:08:43	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42564	No
194	GOM_NL__2PRFIN20100421_151138_000000442088_00426_42564_5589.N1	21-APR-2010 15:11:38	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42564	No
195	GOM_NL__2PRFIN20100421_151640_000000362088_00426_42564_5590.N1	21-APR-2010 15:16:40	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	42564	No
196	GOM_NL__2PRFIN20100421_151904_000000472088_00426_42564_5591.N1	21-APR-2010 15:19:04	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	42564	No
197	GOM_NL__2PRFIN20100421_152041_000000422088_00426_42564_5592.N1	21-APR-2010 15:20:41	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42564	No
198	GOM_NL__2PRFIN20100421_152759_000000402088_00426_42564_5593.N1	21-APR-2010 15:27:59	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42564	No
199	GOM_NL__2PRFIN20100421_153812_000000422088_00426_42564_5594.N1	21-APR-2010 15:38:12	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42564	No
200	GOM_NL__2PRFIN20100421_154836_000000372088_00426_42564_5595.N1	21-APR-2010 15:48:36	Bright	36.500	164	44Eta Peg	2.9480	5400.0	73	42564	No
201	GOM_NL__2PRFIN20100421_155244_000000422088_00426_42564_5596.N1	21-APR-2010 15:52:44	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42564	No
202	GOM_NL__2PRFIN20100421_155609_000000552088_00426_42564_5597.N1	21-APR-2010 15:56:09	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	42564	No
203	GOM_NL__2PRFIN20100421_155837_000000492088_00426_42564_5598.N1	21-APR-2010 15:58:37	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42564	No
204	GOM_NL__2PRFIN20100421_160134_000000532088_00426_42564_5599.N1	21-APR-2010 16:01:34	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	42564	No
205	GOM_NL__2PRFIN20100421_160350_000000462088_00426_42564_5600.N1	21-APR-2010 16:03:50	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	42564	No
206	GOM_NL__2PRFIN20100421_160857_000000402088_00426_42564_5601.N1	21-APR-2010 16:08:57	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42564	No
207	GOM_NL__2PRFIN20100421_161602_000000412088_00427_42565_5588.N1	21-APR-2010 16:16:02	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42565	No
208	GOM_NL__2PRFIN20100421_162441_000000522088_00427_42565_5589.N1	21-APR-2010 16:24:41	Straylight	52.000	40	The Sco	1.8590	7100.0	104	42565	No
209	GOM_NL__2PRFIN20100421_163053_000000412088_00427_42565_5590.N1	21-APR-2010 16:30:53	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42565	No
210	GOM_NL__2PRFIN20100421_163227_000000452088_00427_42565_5591.N1	21-APR-2010 16:32:27	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42565	No
211	GOM_NL__2PRFIN20100421_163442_000000472088_00427_42565_5592.N1	21-APR-2010 16:34:42	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42565	No
212	GOM_NL__2PRFIN20100421_163913_000000432088_00427_42565_5593.N1	21-APR-2010 16:39:13	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42565	No
213	GOM_NL__2PRFIN20100421_164041_000000522088_00427_42565_5594.N1	21-APR-2010 16:40:41	Bright	52.000	122	9Alp2Lib	2.7470	9700.0	104	42565	No
214	GOM_NL__2PRFIN20100421_164243_000000442088_00427_42565_5595.N1	21-APR-2010 16:42:43	Bright	43.500	15	67Alp Vir	0.97600	28000.	87	42565	No
215	GOM_NL__2PRFIN20100421_164919_000000372088_00427_42565_5596.N1	21-APR-2010 16:49:19	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42565	No
216	GOM_NL__2PRFIN20100421_165213_000000452088_00427_42565_5597.N1	21-APR-2010 16:52:13	Bright	45.000	111	8Eta Boo	2.6800	6000.0	90	42565	No
217	GOM_NL__2PRFIN20100421_165715_000000392088_00427_42565_5598.N1	21-APR-2010 16:57:15	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42565	No
218	GOM_NL__2PRFIN20100421_165939_000000462088_00427_42565_5599.N1	21-APR-2010 16:59:39	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42565	No
219	GOM_NL__2PRFIN20100421_170117_000000422088_00427_42565_5600.N1	21-APR-2010 17:01:17	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42565	No

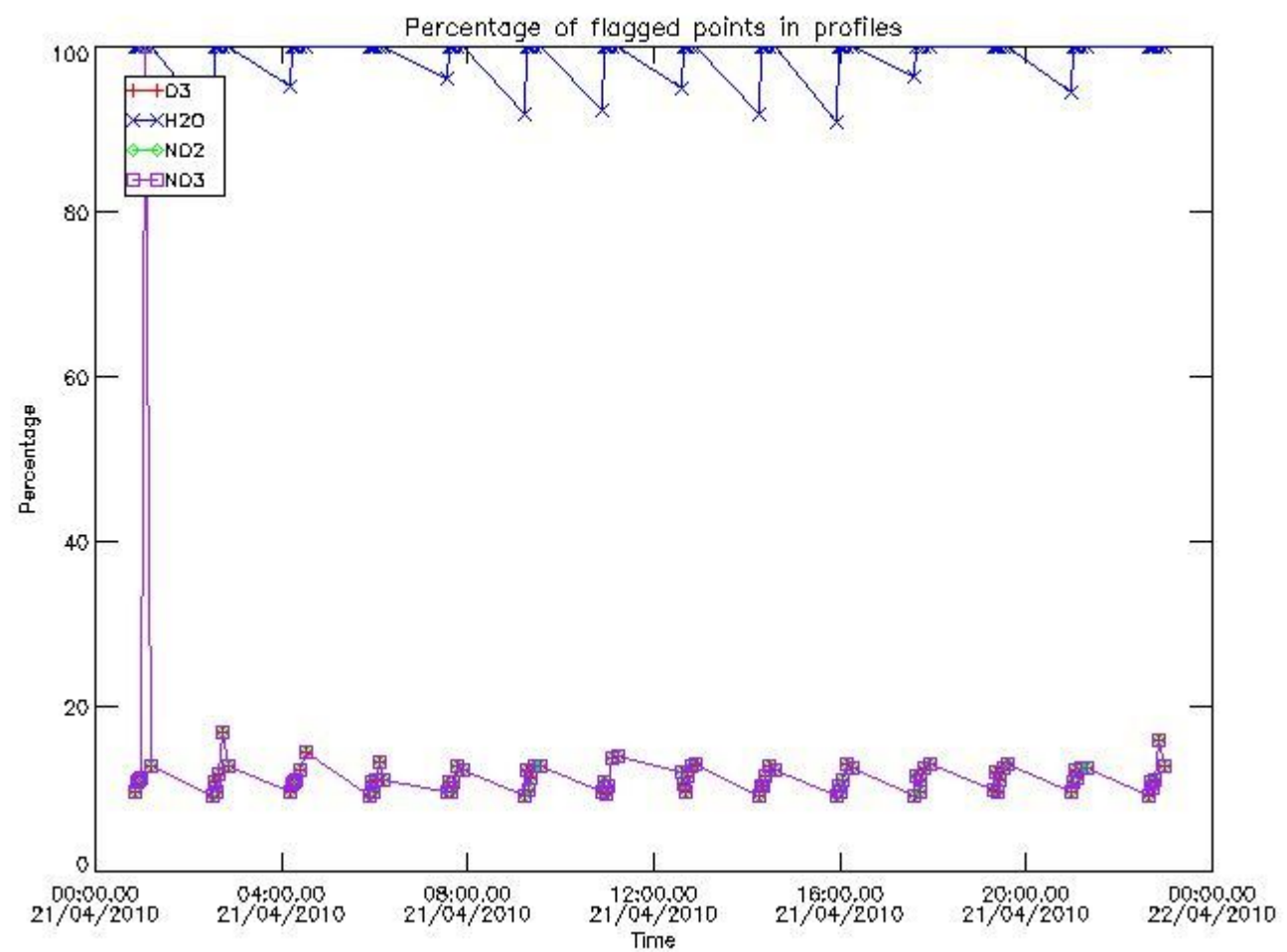
220	GOM_NL__2PRFIN20100421_170835_000000392088_00427_42565_5601.N1	21-APR-2010 17:08:35	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42565	No
221	GOM_NL__2PRFIN20100421_171847_000000592088_00427_42565_5602.N1	21-APR-2010 17:18:47	Bright	59.000	89	5Alp Cep	2.4510	8000.0	118	42565	No
222	GOM_NL__2PRFIN20100421_172912_000000402088_00427_42565_5603.N1	21-APR-2010 17:29:12	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42565	No
223	GOM_NL__2PRFIN20100421_173321_000000422088_00427_42565_5604.N1	21-APR-2010 17:33:21	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42565	No
224	GOM_NL__2PRFIN20100421_173645_000000552088_00427_42565_5605.N1	21-APR-2010 17:36:45	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	42565	No
225	GOM_NL__2PRFIN20100421_173913_000000492088_00427_42565_5606.N1	21-APR-2010 17:39:13	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42565	No
226	GOM_NL__2PRFIN20100421_174210_000000532088_00427_42565_5607.N1	21-APR-2010 17:42:10	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	42565	No
227	GOM_NL__2PRFIN20100421_174427_000000462088_00427_42565_5608.N1	21-APR-2010 17:44:27	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	42565	No
228	GOM_NL__2PRFIN20100421_174934_000000412088_00427_42565_5609.N1	21-APR-2010 17:49:34	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42565	No
229	GOM_NL__2PRFIN20100421_175638_000000402088_00428_42566_5596.N1	21-APR-2010 17:56:38	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42566	No
230	GOM_NL__2PRFIN20100421_180519_000000612088_00428_42566_5597.N1	21-APR-2010 18:05:19	Straylight	61.000	40	The Sco	1.8590	7100.0	122	42566	No
231	GOM_NL__2PRFIN20100421_181129_000000402088_00428_42566_5598.N1	21-APR-2010 18:11:29	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42566	No
232	GOM_NL__2PRFIN20100421_181304_000000442088_00428_42566_5599.N1	21-APR-2010 18:13:04	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42566	No
233	GOM_NL__2PRFIN20100421_181519_000000452088_00428_42566_5600.N1	21-APR-2010 18:15:19	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42566	No
234	GOM_NL__2PRFIN20100421_181949_000000442088_00428_42566_5601.N1	21-APR-2010 18:19:49	Tw_i_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42566	No
235	GOM_NL__2PRFIN20100421_182117_000000512088_00428_42566_5602.N1	21-APR-2010 18:21:17	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42566	No
236	GOM_NL__2PRFIN20100421_182319_000000422088_00428_42566_5603.N1	21-APR-2010 18:23:19	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42566	No
237	GOM_NL__2PRFIN20100421_182955_000000382088_00428_42566_5604.N1	21-APR-2010 18:29:55	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42566	No
238	GOM_NL__2PRFIN20100421_183249_000000442088_00428_42566_5605.N1	21-APR-2010 18:32:49	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42566	No
239	GOM_NL__2PRFIN20100421_183751_000000362088_00428_42566_5606.N1	21-APR-2010 18:37:51	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	42566	No
240	GOM_NL__2PRFIN20100421_184014_000000472088_00428_42566_5607.N1	21-APR-2010 18:40:14	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	42566	No
241	GOM_NL__2PRFIN20100421_184152_000000422088_00428_42566_5608.N1	21-APR-2010 18:41:52	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42566	No
242	GOM_NL__2PRFIN20100421_184911_000000412088_00428_42566_5609.N1	21-APR-2010 18:49:11	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42566	No
243	GOM_NL__2PRFIN20100421_185923_000000592088_00428_42566_5610.N1	21-APR-2010 18:59:23	Bright	59.000	89	5Alp Cep	2.4510	8000.0	118	42566	No
244	GOM_NL__2PRFIN20100421_190948_000000402088_00428_42566_5611.N1	21-APR-2010 19:09:48	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42566	No
245	GOM_NL__2PRFIN20100421_191357_000000432088_00428_42566_5612.N1	21-APR-2010 19:13:57	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42566	No
246	GOM_NL__2PRFIN20100421_191722_000000572088_00428_42566_5613.N1	21-APR-2010 19:17:22	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	42566	No
247	GOM_NL__2PRFIN20100421_191950_000000472088_00428_42566_5614.N1	21-APR-2010 19:19:50	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42566	No
248	GOM_NL__2PRFIN20100421_192247_000000532088_00428_42566_5615.N1	21-APR-2010 19:22:47	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	42566	No
249	GOM_NL__2PRFIN20100421_192503_000000462088_00428_42566_5616.N1	21-APR-2010 19:25:03	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	42566	No
250	GOM_NL__2PRFIN20100421_193010_000000412088_00428_42566_5617.N1	21-APR-2010 19:30:10	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42566	No
251	GOM_NL__2PRFIN20100421_193715_000000402088_00429_42567_5604.N1	21-APR-2010 19:37:15	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42567	No
252	GOM_NL__2PRFIN20100421_194556_000000532088_00429_42567_5605.N1	21-APR-2010 19:45:56	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42567	No
253	GOM_NL__2PRFIN20100421_195206_000000432088_00429_42567_5606.N1	21-APR-2010 19:52:06	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42567	No
254	GOM_NL__2PRFIN20100421_195340_000000442088_00429_42567_5607.N1	21-APR-2010 19:53:40	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42567	No
255	GOM_NL__2PRFIN20100421_195555_000000452088_00429_42567_5608.N1	21-APR-2010 19:55:55	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42567	No
256	GOM_NL__2PRFIN20100421_200026_000000442088_00429_42567_5609.N1	21-APR-2010 20:00:26	Tw_i_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42567	No
257	GOM_NL__2PRFIN20100421_200153_000000532088_00429_42567_5610.N1	21-APR-2010 20:01:53	Bright	52.500	122	9Alp2Lib	2.7470	9700.0	105	42567	No
258	GOM_NL__2PRFIN20100421_200355_000000432088_00429_42567_5611.N1	21-APR-2010 20:03:55	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42567	No
259	GOM_NL__2PRFIN20100421_201031_000000382088_00429_42567_5612.N1	21-APR-2010 20:10:31	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42567	No
260	GOM_NL__2PRFIN20100421_201325_000000432088_00429_42567_5613.N1	21-APR-2010 20:13:25	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42567	No
261	GOM_NL__2PRFIN20100421_201827_000000382088_00429_42567_5614.N1	21-APR-2010 20:18:27	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42567	No
262	GOM_NL__2PRFIN20100421_202050_000000472088_00429_42567_5615.N1	21-APR-2010 20:20:50	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	42567	No
263	GOM_NL__2PRFIN20100421_202228_000000412088_00429_42567_5616.N1	21-APR-2010 20:22:28	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42567	No
264	GOM_NL__2PRFIN20100421_202946_000000402088_00429_42567_5617.N1	21-APR-2010 20:29:46	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42567	No
265	GOM_NL__2PRFIN20100421_203959_000000402088_00429_42567_5618.N1	21-APR-2010 20:39:59	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42567	No
266	GOM_NL__2PRFIN20100421_205024_000000372088_00429_42567_5619.N1	21-APR-2010 20:50:24	Bright	36.500	164	44Eta Peg	2.9480	5400.0	73	42567	No
267	GOM_NL__2PRFIN20100421_205433_000000442088_00429_42567_5620.N1	21-APR-2010 20:54:33	Tw_i_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42567	No
268	GOM_NL__2PRFIN20100421_205758_000000542088_00429_42567_5621.N1	21-APR-2010 20:57:58	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	42567	No
269	GOM_NL__2PRFIN20100421_210026_000000472088_00429_42567_5622.N1	21-APR-2010 21:00:26	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42567	No
270	GOM_NL__2PRFIN20100421_210324_000000542088_00429_42567_5623.N1	21-APR-2010 21:03:24	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	42567	No
271	GOM_NL__2PRFIN20100421_210540_000000452088_00429_42567_5624.N1	21-APR-2010 21:05:40	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42567	No
272	GOM_NL__2PRFIN20100421_211047_000000412088_00429_42567_5625.N1	21-APR-2010 21:10:47	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42567	No
273	GOM_NL__2PRFIN20100421_211751_000000412088_00430_42568_5612.N1	21-APR-2010 21:17:51	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42568	No
274	GOM_NL__2PRFIN20100421_212632_000000532088_00430_42568_5613.N1	21-APR-2010 21:26:32	Straylight	53.000	40	The Sco	1.8590	7100.0	106	42568	No
275	GOM_NL__2PRFIN20100421_213242_000000402088_00430_42568_5614.N1	21-APR-2010 21:32:42	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42568	No
276	GOM_NL__2PRFIN20100421_213416_000000442088_00430_42568_5615.N1	21-APR-2010 21:34:16	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42568	No
277	GOM_NL__2PRFIN20100421_213631_000000442088_00430_42568_5616.N1	21-APR-2010 21:36:31	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	42568	No
278	GOM_NL__2PRFIN20100421_214102_000000442088_00430_42568_5617.N1	21-APR-2010 21:41:02	Tw_i_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42568	No

279	GOM_NL__2PRFIN20100421_214229_000000542088_00430_42568_5618.N1	21-APR-2010 21:42:29	Bright	53.500	122	9Alp2Lib	2.7470	9700.0	107	42568	No
280	GOM_NL__2PRFIN20100421_214431_000000442088_00430_42568_5619.N1	21-APR-2010 21:44:31	Bright	44.000	15	67Alp Vir	0.97600	28000.	88	42568	No
281	GOM_NL__2PRFIN20100421_215106_000000382088_00430_42568_5620.N1	21-APR-2010 21:51:06	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42568	No
282	GOM_NL__2PRFIN20100421_215400_000000432088_00430_42568_5621.N1	21-APR-2010 21:54:00	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	42568	No
283	GOM_NL__2PRFIN20100421_215903_000000392088_00430_42568_5622.N1	21-APR-2010 21:59:03	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42568	No
284	GOM_NL__2PRFIN20100421_220125_000000442088_00430_42568_5623.N1	21-APR-2010 22:01:25	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	42568	No
285	GOM_NL__2PRFIN20100421_220303_000000412088_00430_42568_5624.N1	21-APR-2010 22:03:03	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42568	No
286	GOM_NL__2PRFIN20100421_221022_000000472088_00430_42568_5625.N1	21-APR-2010 22:10:22	Bright	46.500	60	7Bet UMi	2.0810	3950.0	93	42568	No
287	GOM_NL__2PRFIN20100421_222035_000000392088_00430_42568_5626.N1	21-APR-2010 22:20:35	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42568	No
288	GOM_NL__2PRFIN20100421_223100_000000562088_00430_42568_5627.N1	21-APR-2010 22:31:00	Bright	56.000	164	44Eta Peg	2.9480	5400.0	112	42568	No
289	GOM_NL__2PRFIN20100421_223509_000000422088_00430_42568_5628.N1	21-APR-2010 22:35:09	Twilight	42.000	90	54Alp Peg	2.4870	11000.	84	42568	No
290	GOM_NL__2PRFIN20100421_223835_000000562088_00430_42568_5629.N1	21-APR-2010 22:38:35	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	42568	No
291	GOM_NL__2PRFIN20100421_224102_000000472088_00430_42568_5630.N1	21-APR-2010 22:41:02	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42568	No
292	GOM_NL__2PRFIN20100421_224401_000000552088_00430_42568_5631.N1	21-APR-2010 22:44:01	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42568	No
293	GOM_NL__2PRFIN20100421_224617_000000462088_00430_42568_5632.N1	21-APR-2010 22:46:17	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	42568	No
294	GOM_NL__2PRFIN20100421_225123_000000422088_00430_42568_5633.N1	21-APR-2010 22:51:23	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42568	No
295	GOM_NL__2PRFIN20100421_225828_000000402088_00431_42569_5625.N1	21-APR-2010 22:58:28	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42569	No
296	GOM_NL__2PRFIN20100421_230710_000000502088_00431_42569_5626.N1	21-APR-2010 23:07:10	Straylight	50.000	40	The Sco	1.8590	7100.0	100	42569	No
297	GOM_NL__2PRFIN20100421_231318_000000412088_00431_42569_5627.N1	21-APR-2010 23:13:18	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42569	No
298	GOM_NL__2PRFIN20100421_231453_000000452088_00431_42569_5628.N1	21-APR-2010 23:14:53	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42569	No
299	GOM_NL__2PRFIN20100421_231707_000000452088_00431_42569_5629.N1	21-APR-2010 23:17:07	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	42569	No
300	GOM_NL__2PRFIN20100421_232138_000000432088_00431_42569_5630.N1	21-APR-2010 23:21:38	Twilight	43.000	169	46Gam Hya	2.9910	4700.0	86	42569	No
301	GOM_NL__2PRFIN20100421_232305_000000542088_00431_42569_5631.N1	21-APR-2010 23:23:05	Bright	54.000	122	9Alp2Lib	2.7470	9700.0	108	42569	No
302	GOM_NL__2PRFIN20100421_232506_000000432088_00431_42569_5632.N1	21-APR-2010 23:25:06	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42569	No
303	GOM_NL__2PRFIN20100421_233142_000000382088_00431_42569_5633.N1	21-APR-2010 23:31:42	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42569	No
304	GOM_NL__2PRFIN20100421_233435_000000452088_00431_42569_5634.N1	21-APR-2010 23:34:35	Bright	44.500	111	8Eta Boo	2.6800	6000.0	89	42569	No
305	GOM_NL__2PRFIN20100421_233939_000000382088_00431_42569_5635.N1	21-APR-2010 23:39:39	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42569	No
306	GOM_NL__2PRFIN20100421_234200_000000432088_00431_42569_5636.N1	21-APR-2010 23:42:00	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42569	No
307	GOM_NL__2PRFIN20100421_234339_000000392088_00431_42569_5637.N1	21-APR-2010 23:43:39	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42569	No
308	GOM_NL__2PRFIN20100421_235057_000000372088_00431_42569_5638.N1	21-APR-2010 23:50:57	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42569	No

3. Quality information per product

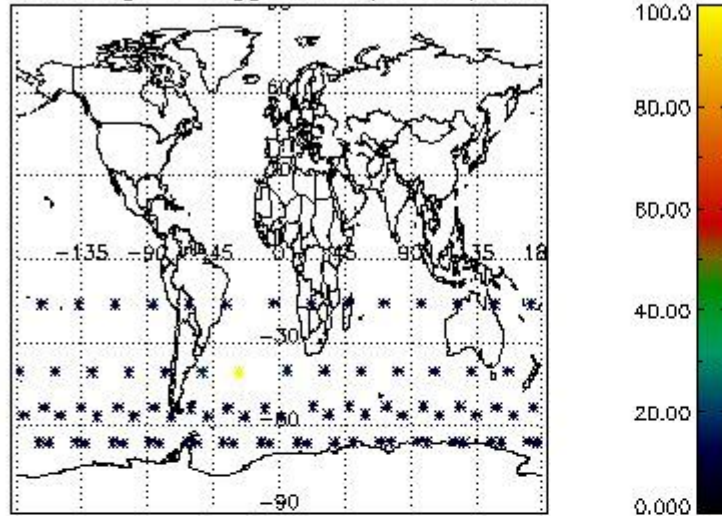
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

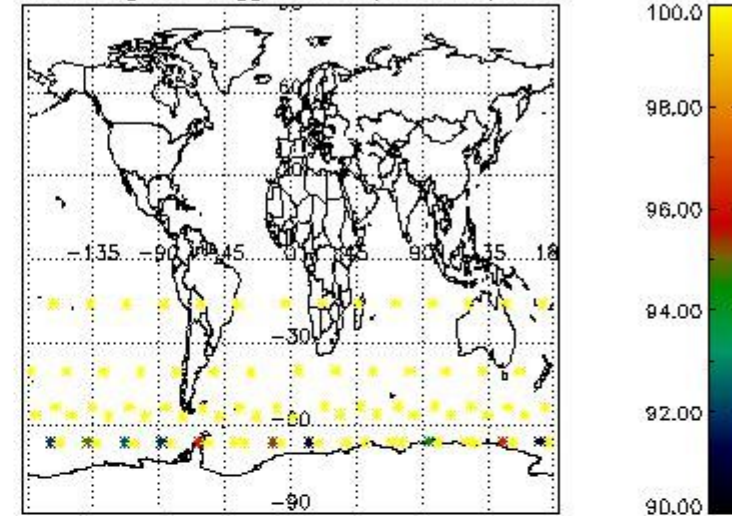


3.2 Plot quality information per product (world map)

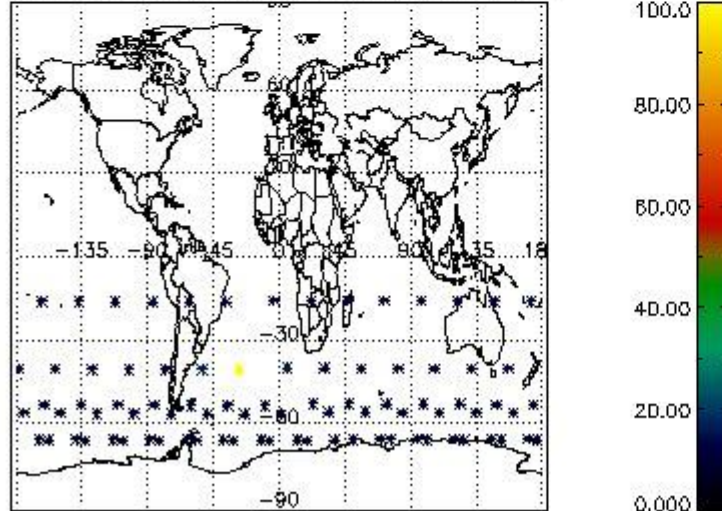
Percentage of flagged data per O3 profile



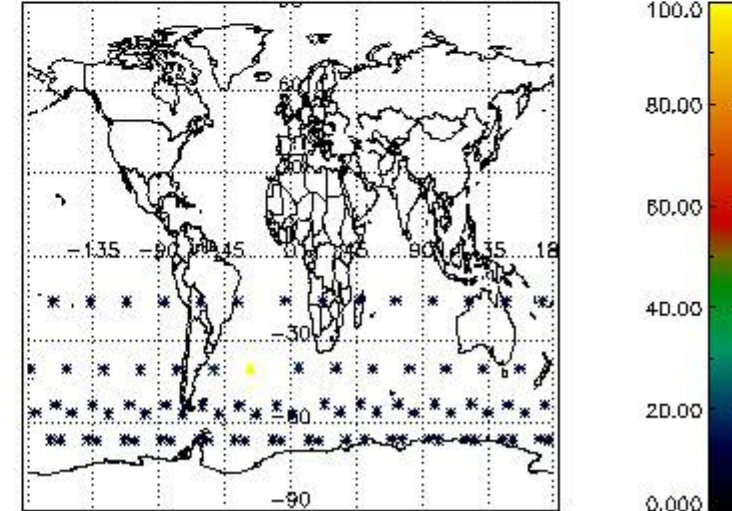
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

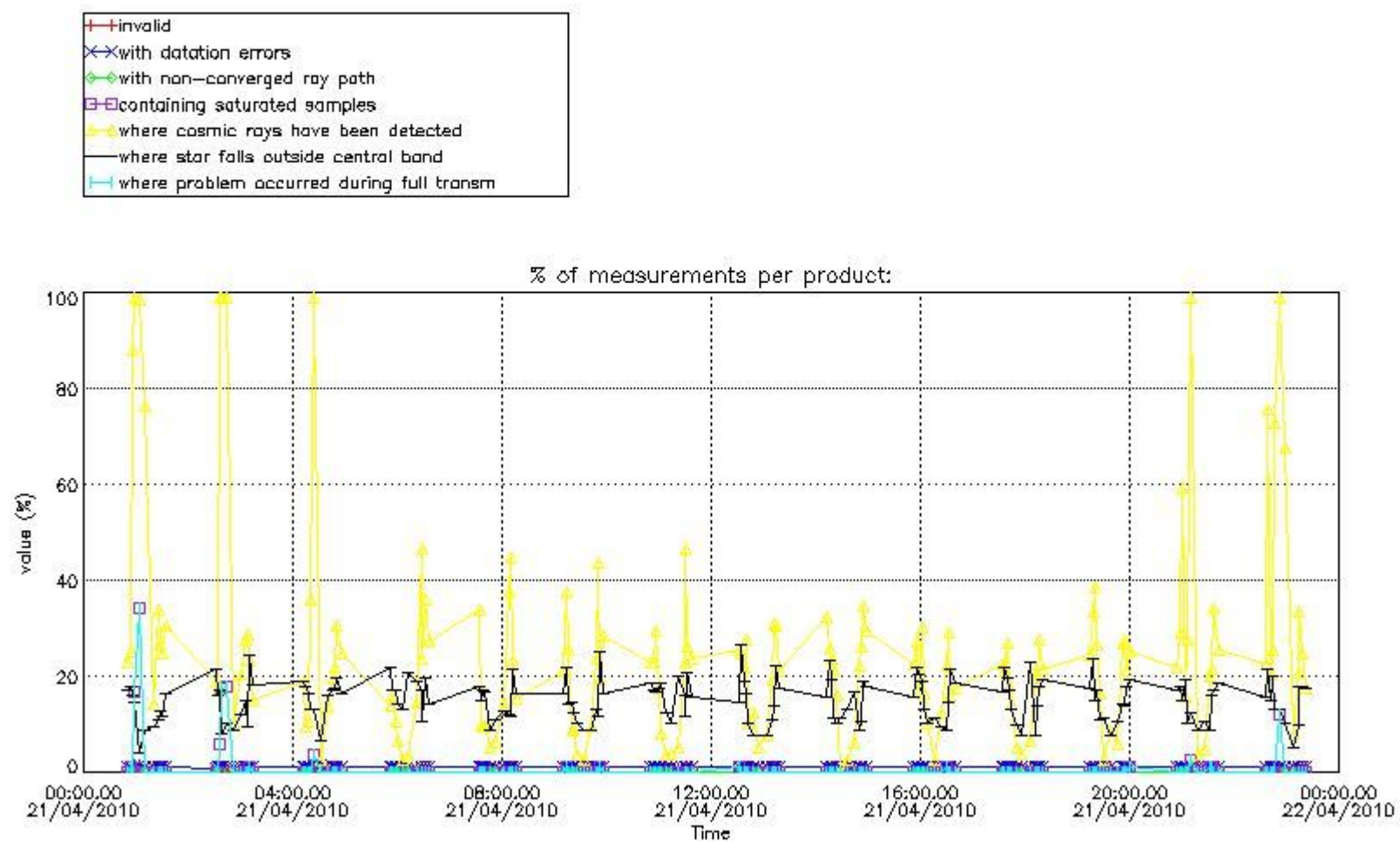


4. Level 1 quality information per product

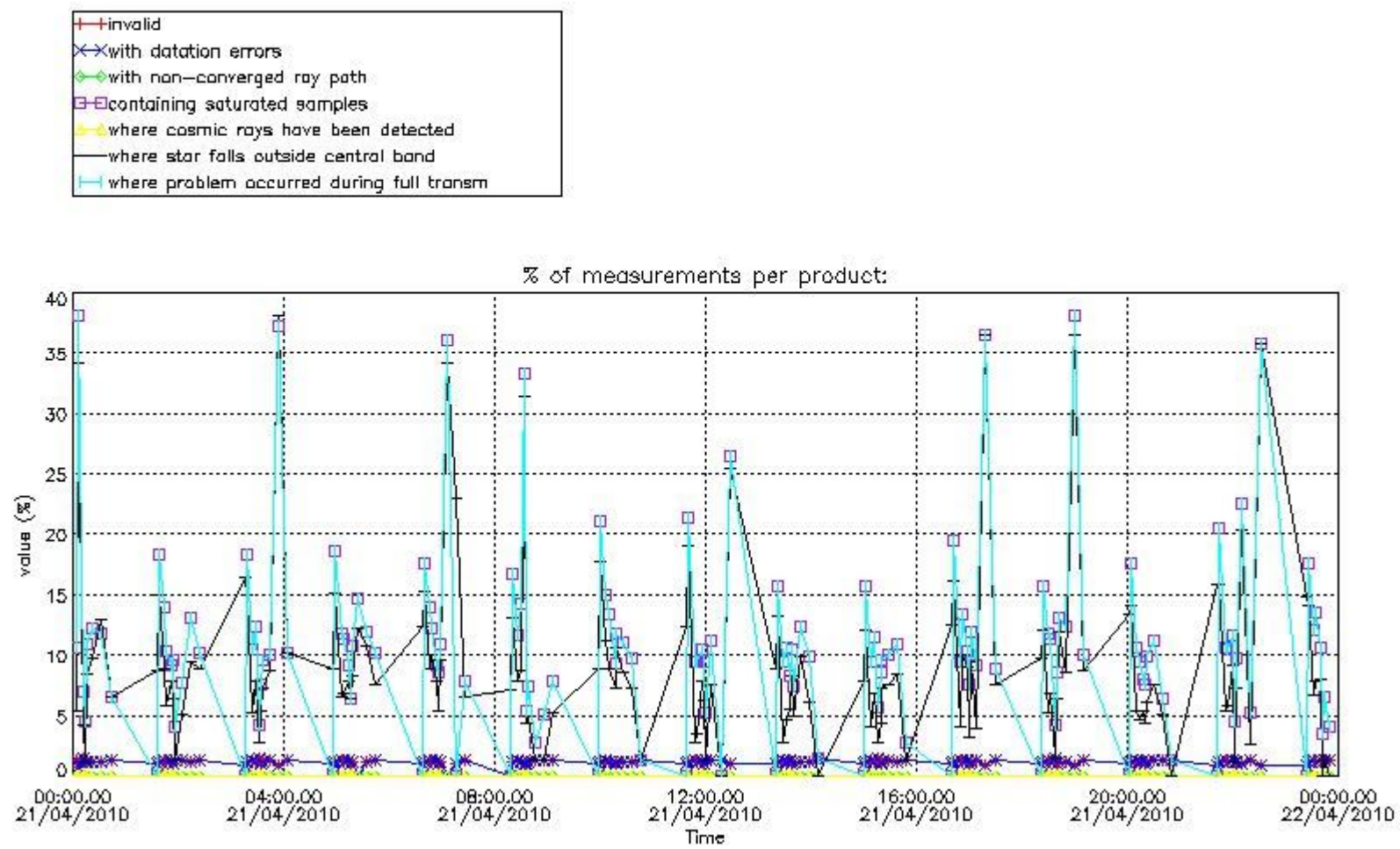
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



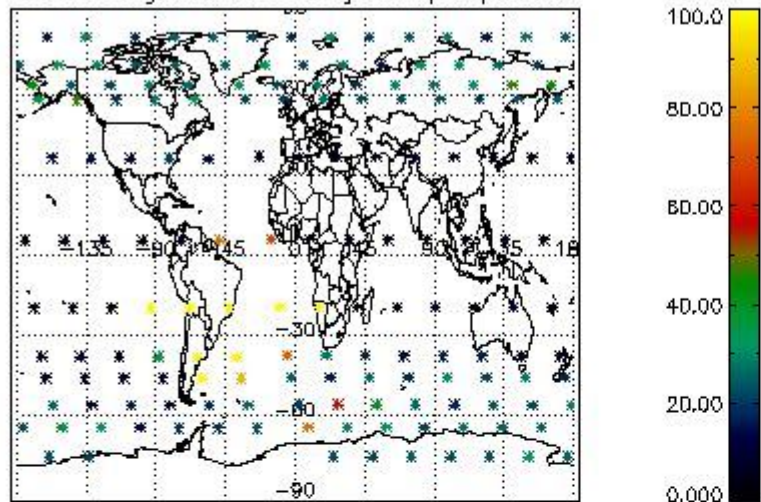
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



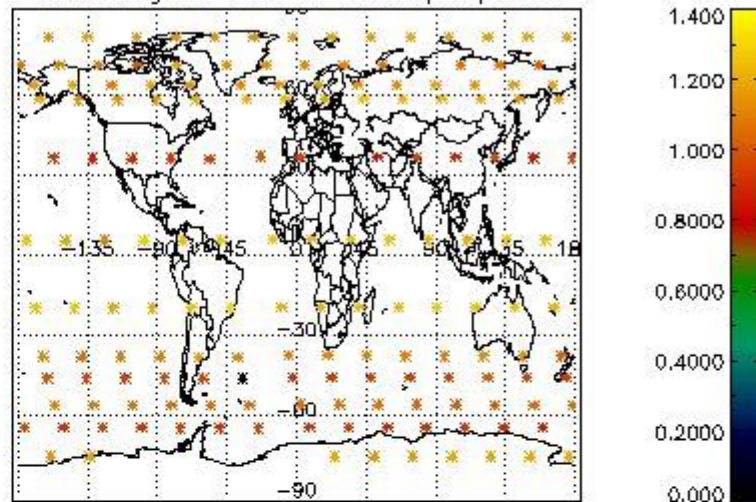
4.2 Plot quality information per product coming from level 1b processing (world map)

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

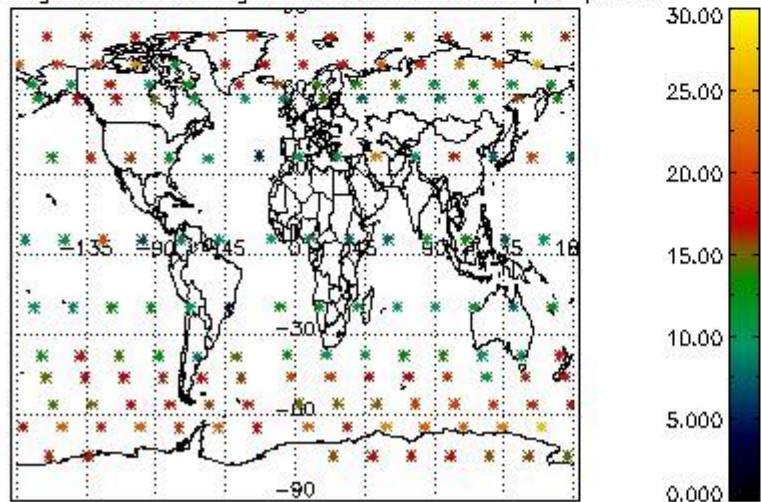
Percentage of cosmic ray hits per profile



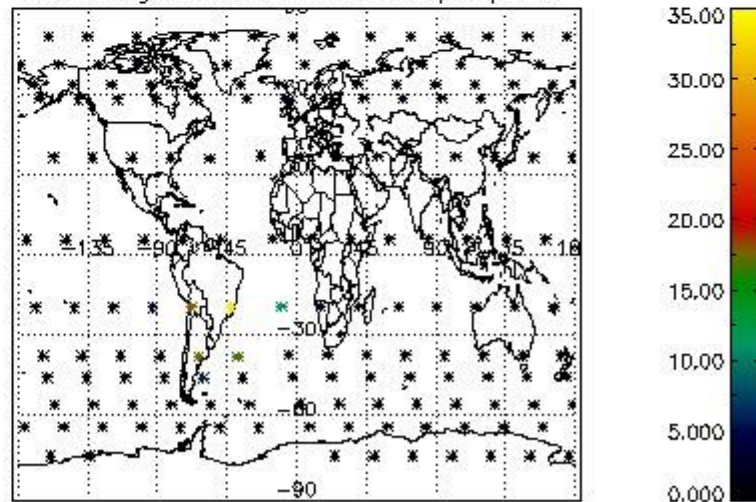
Percentage of datation errors per profile



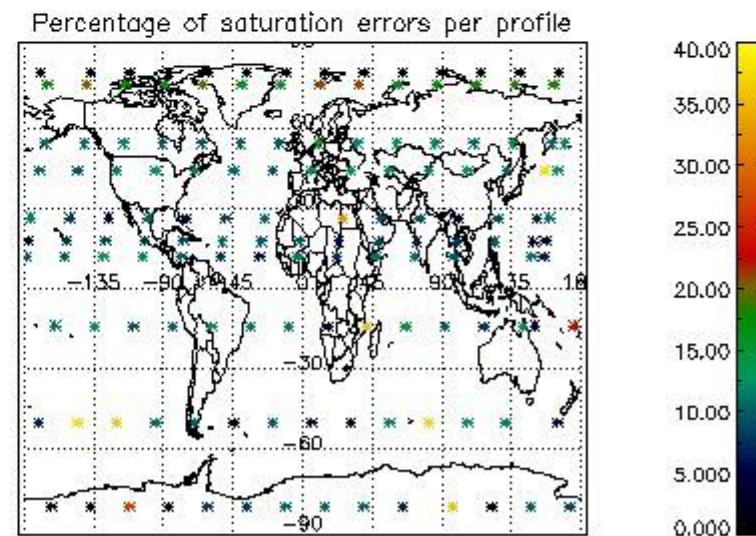
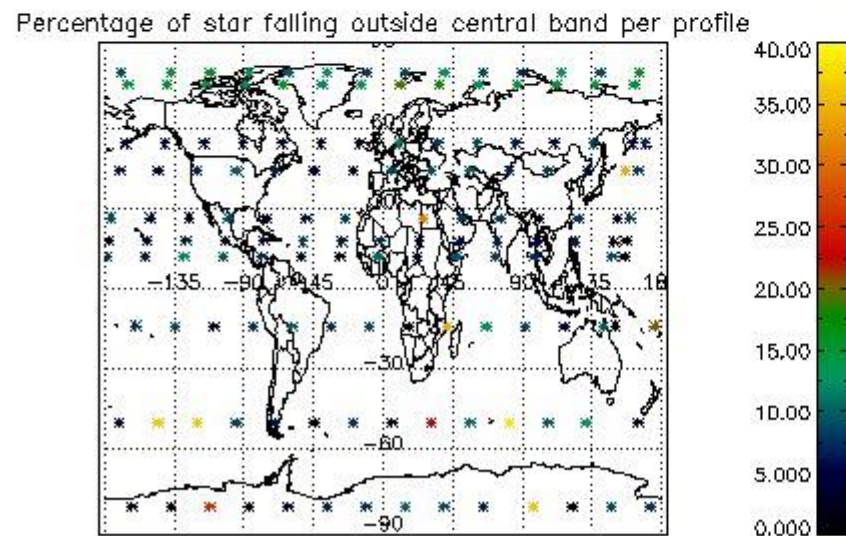
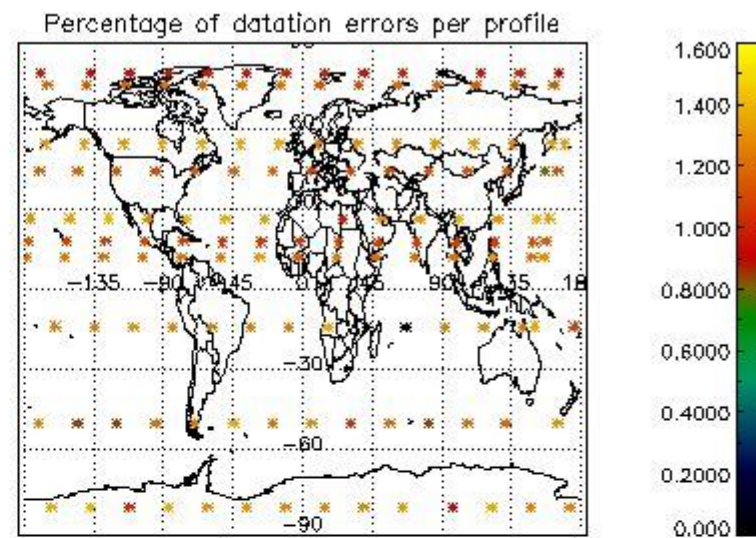
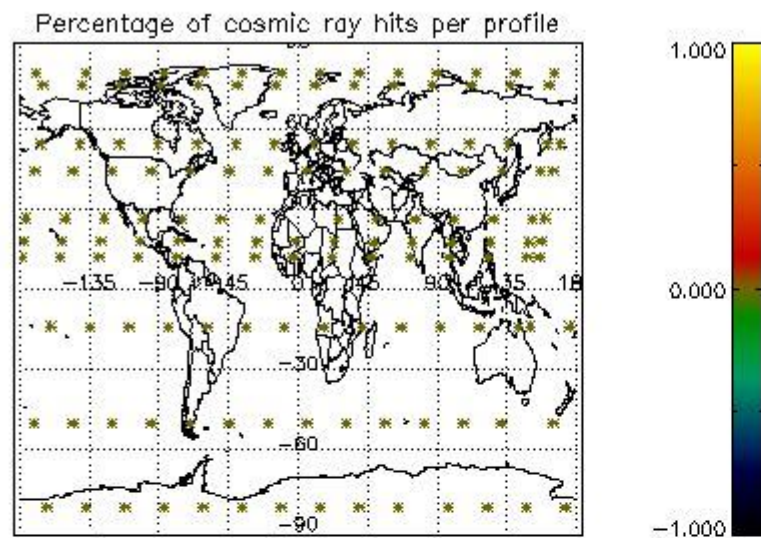
Percentage of star falling outside central band per profile



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

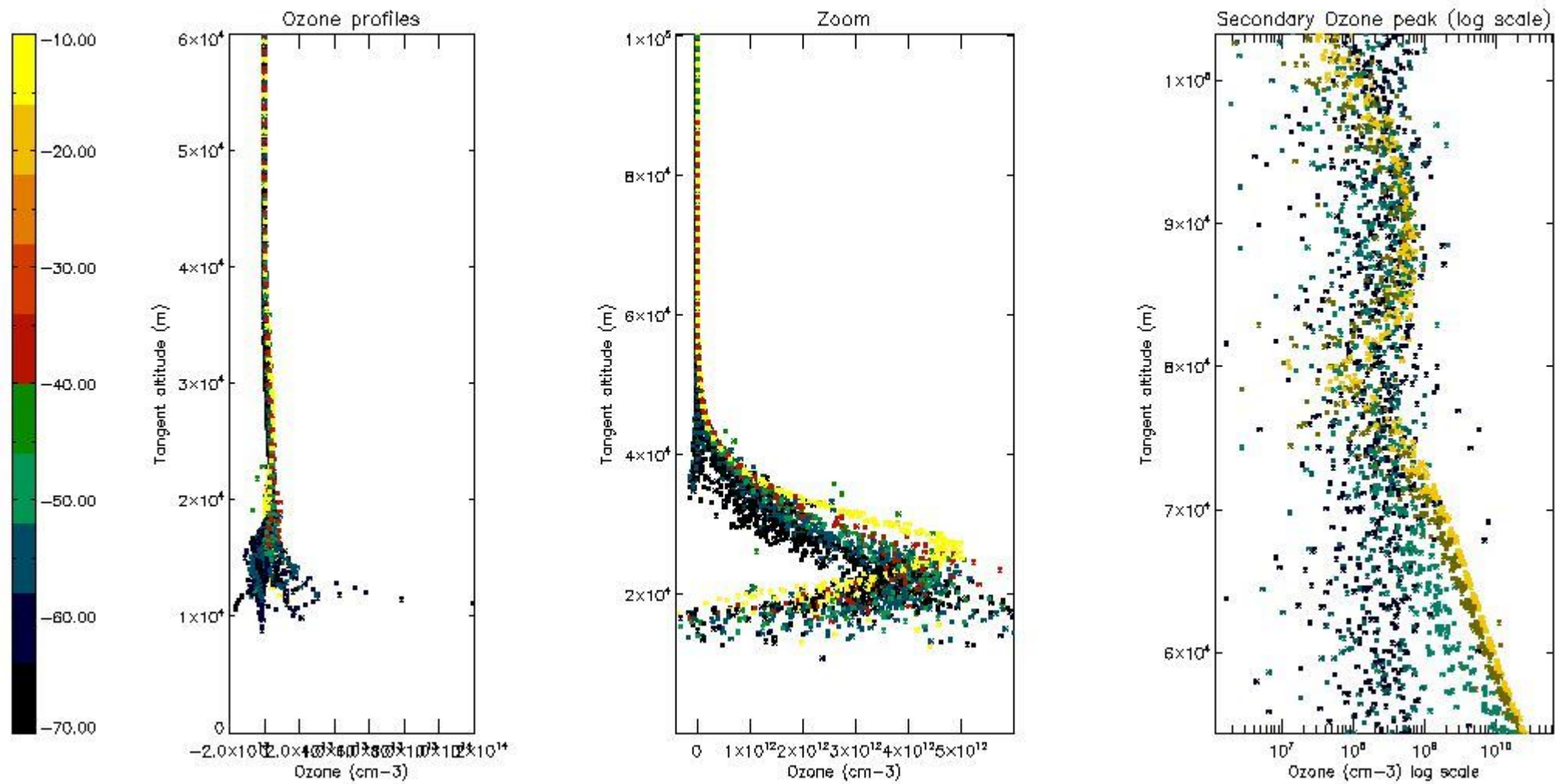
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	11

STD < 10	6
STD < 5	2

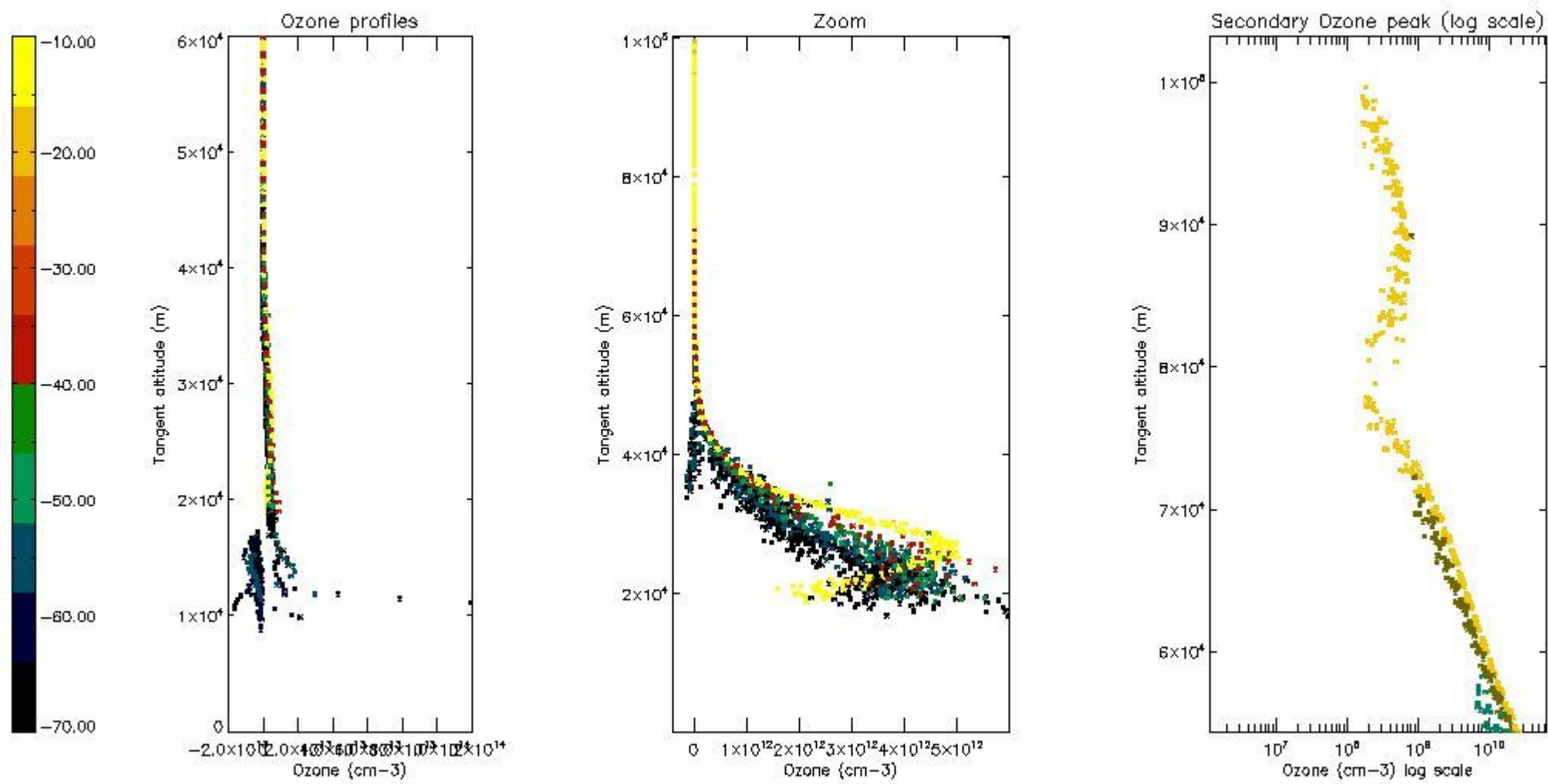
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



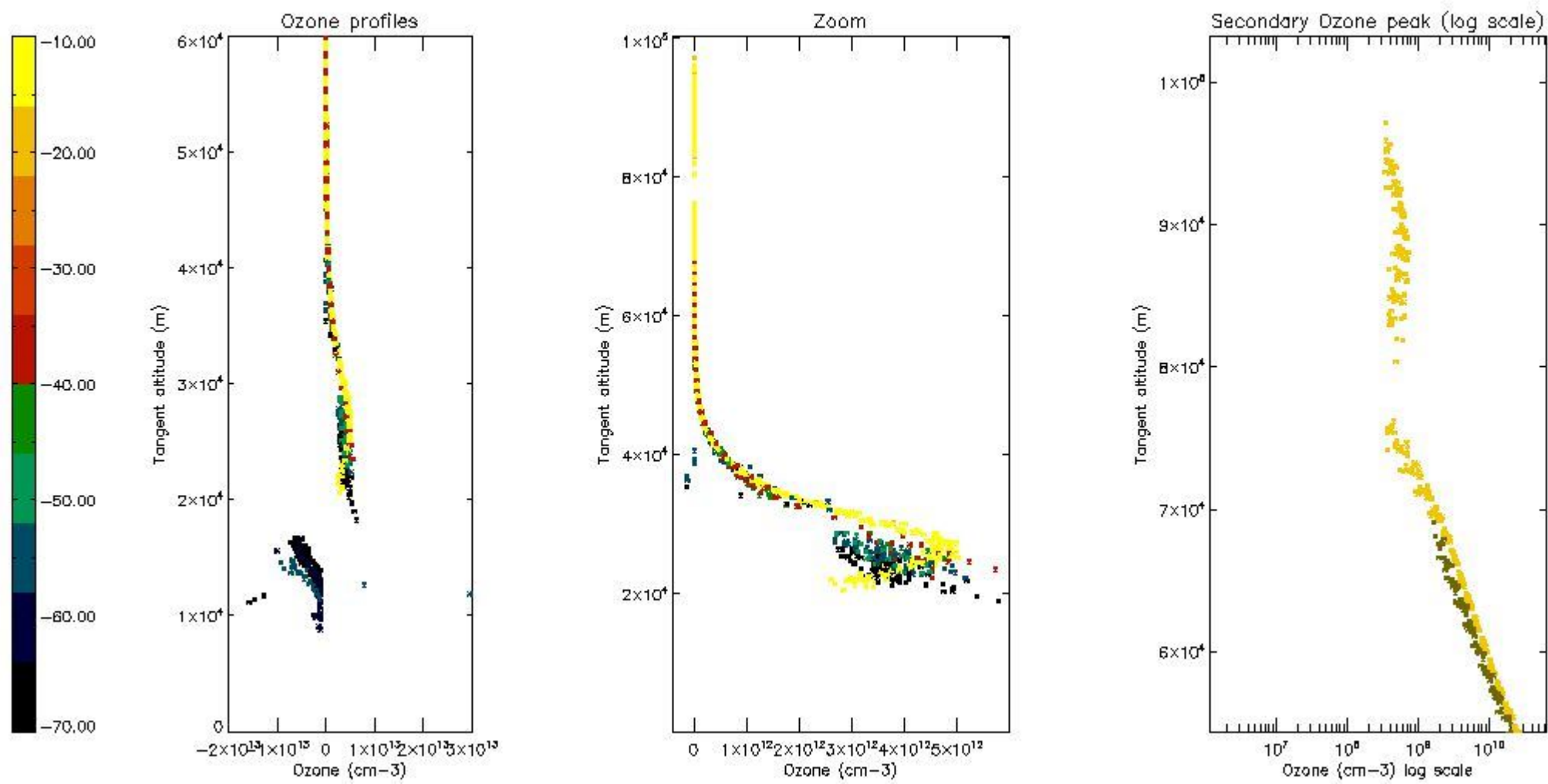
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



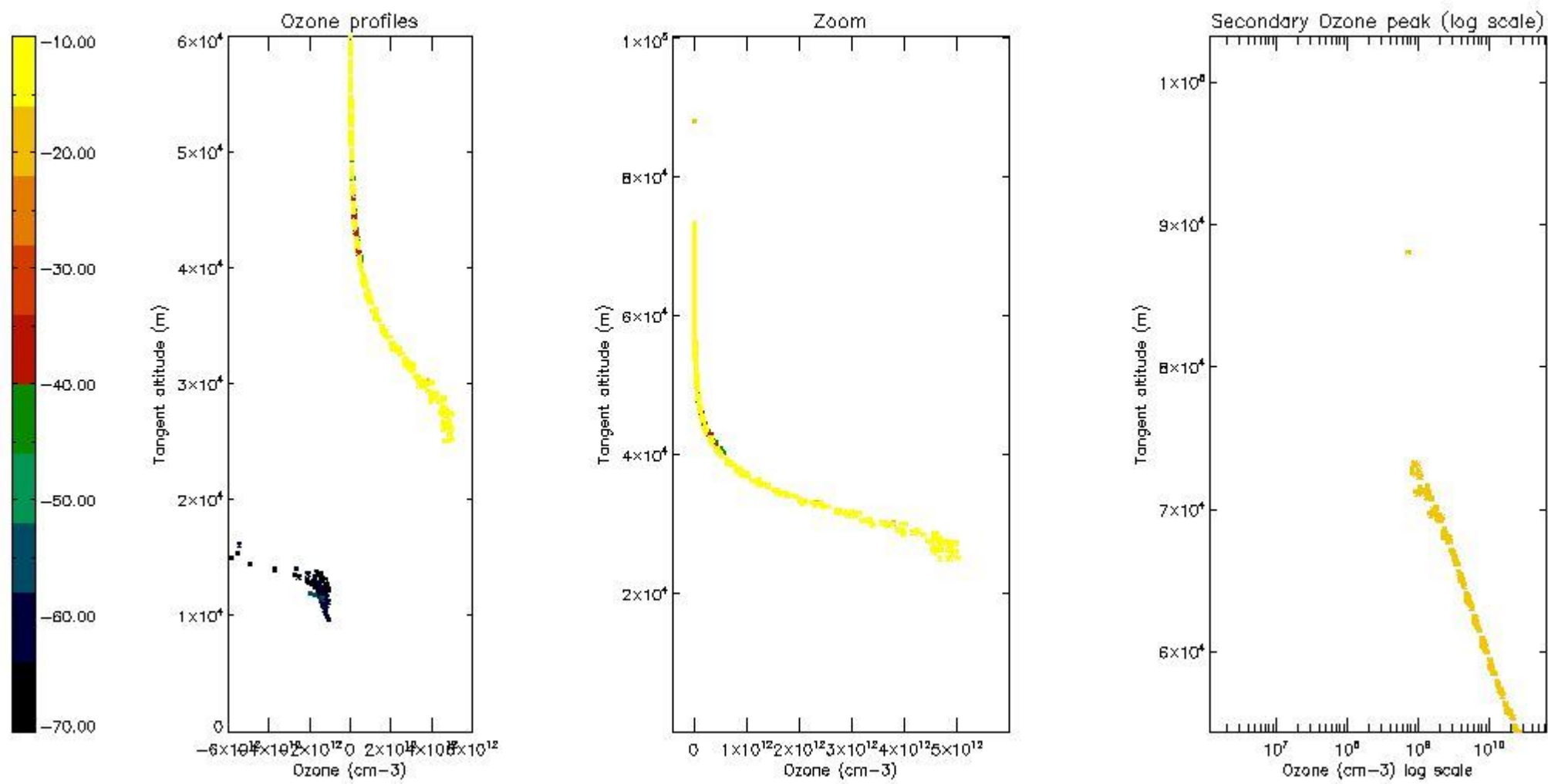
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



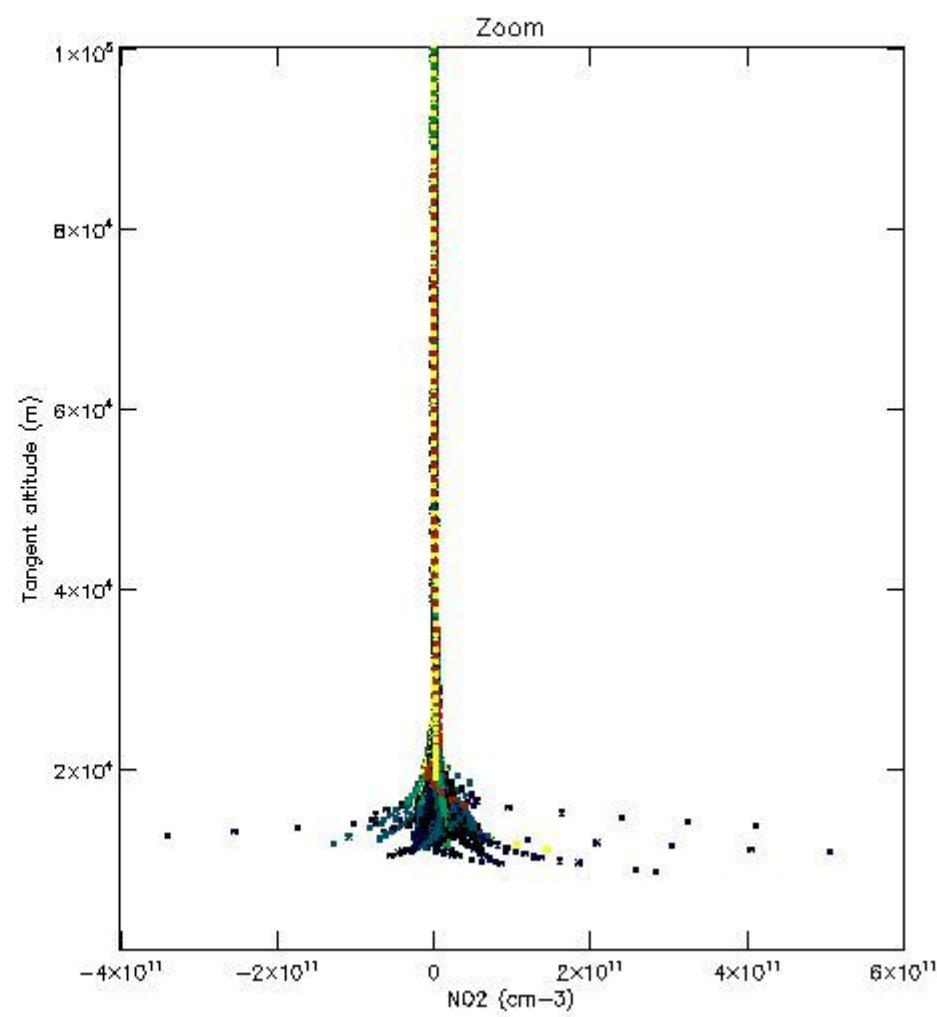
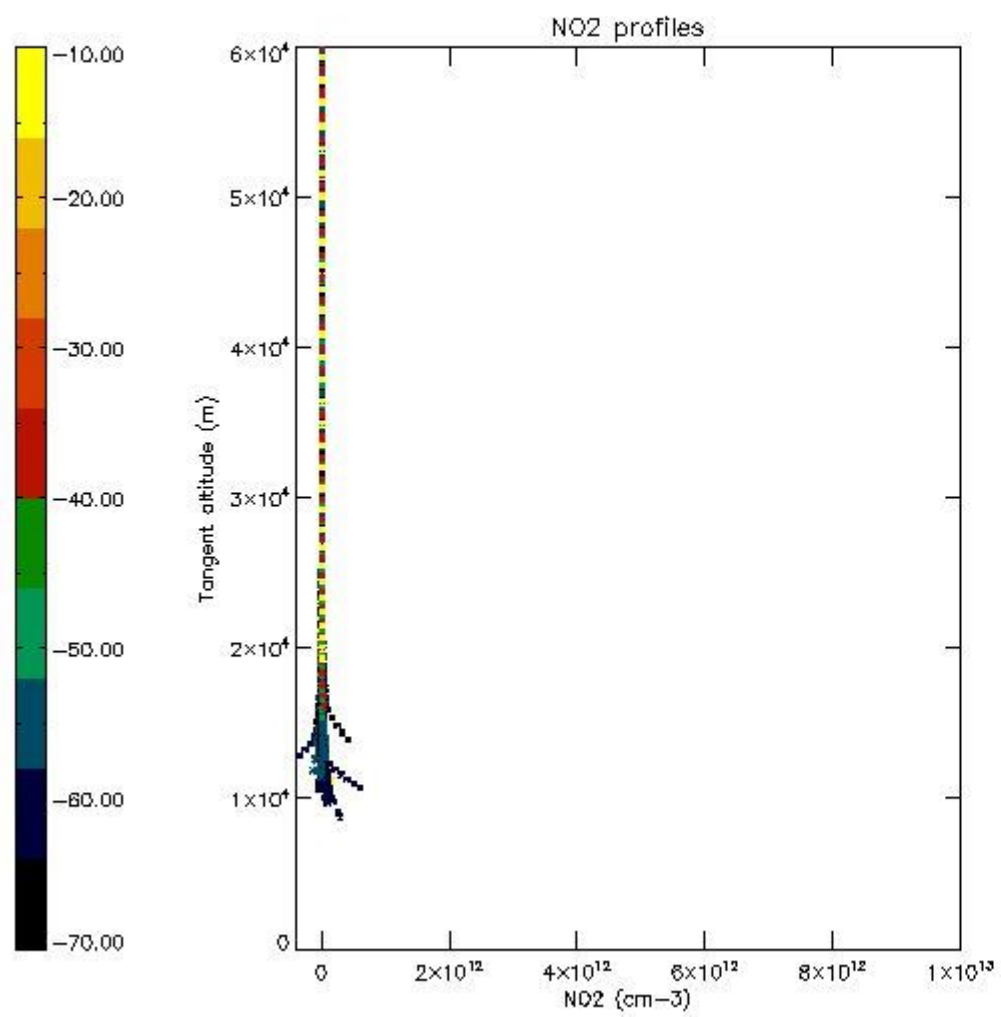
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



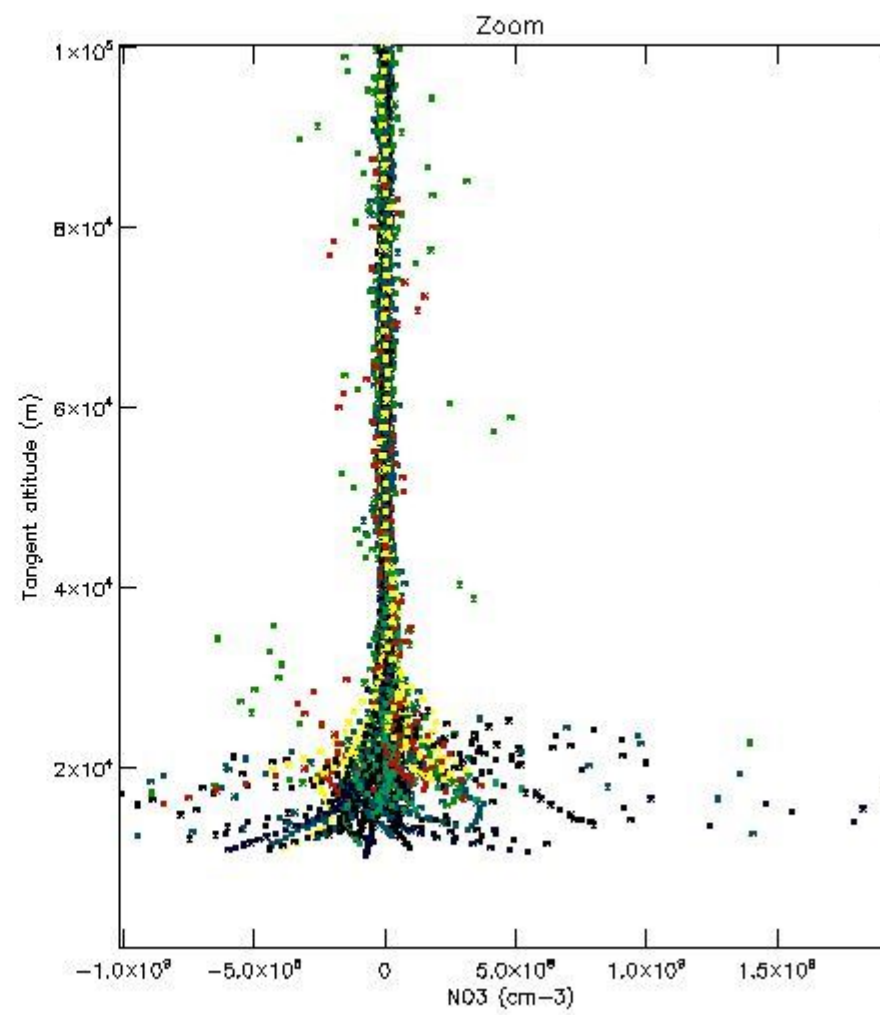
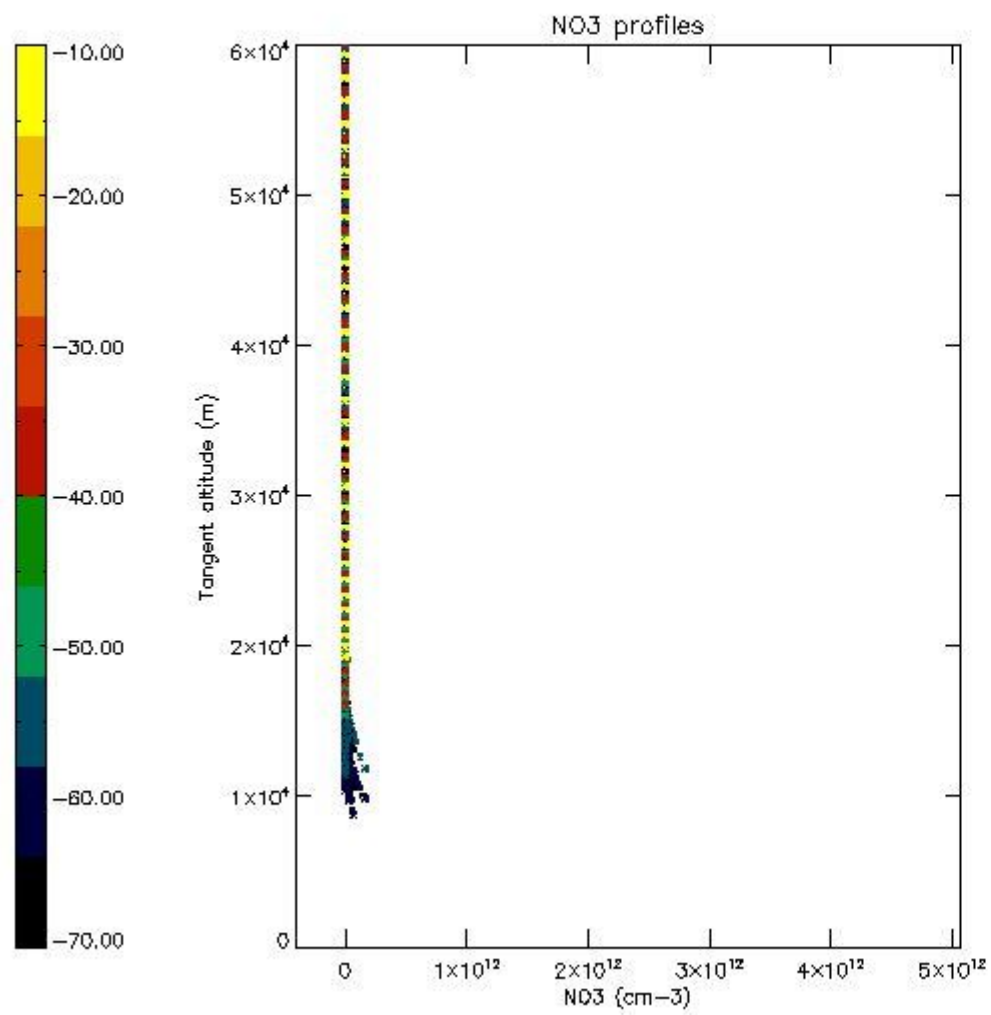
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	21-APR-2010 00:03:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-APR-2010 00:03:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-APR-2010 00:03:20

GOMOS Level 2 Daily Report

SUMMARY

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[2. Summary of processed GOM_NL_2P products](#)

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[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 \(world map\)](#)

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

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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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[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

[5.8 Plot H2O profiles \(only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors\) for all STD](#)

[6. Auxiliary Data Files used for the production reported in section 2](#)

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

Item	Value
Time of report generation	29APR2013 09:55:37
Data source version	GOMOS/6.01
Start time of products	21-04-2010 (21APR2010 00:00:00)
Stop time of products	22-04-2010 (22APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	308
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__2PRFIN20100421_000320_000000382088_00417_42555_5471.N1	21-APR-2010 00:03:20	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42555	No
2	GOM_NL__2PRFIN20100421_000618_000000632088_00417_42555_5472.N1	21-APR-2010 00:06:18	Bright	63.000	111	8Eta Boo	2.6800	6000.0	126	42555	No
3	GOM_NL__2PRFIN20100421_001118_000000362088_00417_42555_5473.N1	21-APR-2010 00:11:18	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	42555	No
4	GOM_NL__2PRFIN20100421_001347_000000452088_00417_42555_5474.N1	21-APR-2010 00:13:47	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42555	No
5	GOM_NL__2PRFIN20100421_001521_000000422088_00417_42555_5475.N1	21-APR-2010 00:15:21	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42555	No
6	GOM_NL__2PRFIN20100421_002238_000000412088_00417_42555_5476.N1	21-APR-2010 00:22:38	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42555	No
7	GOM_NL__2PRFIN20100421_003250_000000432088_00417_42555_5477.N1	21-APR-2010 00:32:50	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42555	No
8	GOM_NL__2PRFIN20100421_004311_000000382088_00417_42555_5478.N1	21-APR-2010 00:43:11	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	42555	No
9	GOM_NL__2PRFIN20100421_005040_000000532088_00417_42555_5479.N1	21-APR-2010 00:50:40	Dark	52.500	61	8Eps Peg	2.1000	3900.0	105	42555	No
10	GOM_NL__2PRFIN20100421_005309_000000482088_00417_42555_5480.N1	21-APR-2010 00:53:09	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	42555	No
11	GOM_NL__2PRFIN20100421_005603_000000512088_00417_42555_5481.N1	21-APR-2010 00:56:03	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42555	No
12	GOM_NL__2PRFIN20100421_005821_000000452088_00417_42555_5482.N1	21-APR-2010 00:58:21	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42555	No
13	GOM_NL__2PRFIN20100421_010329_000000382088_00417_42555_5483.N1	21-APR-2010 01:03:29	Dark	38.000	172	Gam Gru	3.0030	13100.	76	42555	No
14	GOM_NL__2PRFIN20100421_011033_000000402088_00418_42556_5479.N1	21-APR-2010 01:10:33	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42556	No
15	GOM_NL__2PRFIN20100421_011909_000000532088_00418_42556_5480.N1	21-APR-2010 01:19:09	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42556	No
16	GOM_NL__2PRFIN20100421_012526_000000422088_00418_42556_5481.N1	21-APR-2010 01:25:26	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42556	No
17	GOM_NL__2PRFIN20100421_012700_000000442088_00418_42556_5482.N1	21-APR-2010 01:27:00	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42556	No
18	GOM_NL__2PRFIN20100421_012916_000000432088_00418_42556_5483.N1	21-APR-2010 01:29:16	Straylight	42.500	54	5The Cen	2.0550	4500.0	85	42556	No
19	GOM_NL__2PRFIN20100421_013348_000000432088_00418_42556_5484.N1	21-APR-2010 01:33:48	Twi_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42556	No
20	GOM_NL__2PRFIN20100421_013516_000000522088_00418_42556_5485.N1	21-APR-2010 01:35:16	Bright	51.500	122	9Alp2Lib	2.7470	9700.0	103	42556	No
21	GOM_NL__2PRFIN20100421_013718_000000442088_00418_42556_5486.N1	21-APR-2010 01:37:18	Bright	43.500	15	67Alp Vir	0.97600	28000.	87	42556	No
22	GOM_NL__2PRFIN20100421_014356_000000402088_00418_42556_5487.N1	21-APR-2010 01:43:56	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	42556	No
23	GOM_NL__2PRFIN20100421_014653_000000442088_00418_42556_5488.N1	21-APR-2010 01:46:53	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42556	No
24	GOM_NL__2PRFIN20100421_015153_000000392088_00418_42556_5489.N1	21-APR-2010 01:51:53	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42556	No
25	GOM_NL__2PRFIN20100421_015423_000000472088_00418_42556_5490.N1	21-APR-2010 01:54:23	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	42556	No
26	GOM_NL__2PRFIN20100421_015557_000000382088_00418_42556_5491.N1	21-APR-2010 01:55:57	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	42556	No
27	GOM_NL__2PRFIN20100421_020314_000000392088_00418_42556_5492.N1	21-APR-2010 02:03:14	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42556	No
28	GOM_NL__2PRFIN20100421_021326_000000422088_00418_42556_5493.N1	21-APR-2010 02:13:26	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42556	No
29	GOM_NL__2PRFIN20100421_022347_000000402088_00418_42556_5494.N1	21-APR-2010 02:23:47	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42556	No
30	GOM_NL__2PRFIN20100421_023117_000000562088_00418_42556_5495.N1	21-APR-2010 02:31:17	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	42556	No
31	GOM_NL__2PRFIN20100421_023345_000000472088_00418_42556_5496.N1	21-APR-2010 02:33:45	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42556	No
32	GOM_NL__2PRFIN20100421_023640_000000532088_00418_42556_5497.N1	21-APR-2010 02:36:40	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	42556	No
33	GOM_NL__2PRFIN20100421_023857_000000432088_00418_42556_5498.N1	21-APR-2010 02:38:57	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42556	No
34	GOM_NL__2PRFIN20100421_024405_000000402088_00418_42556_5499.N1	21-APR-2010 02:44:05	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42556	No
35	GOM_NL__2PRFIN20100421_025110_000000402088_00419_42557_5499.N1	21-APR-2010 02:51:10	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42557	No
36	GOM_NL__2PRFIN20100421_025946_000000542088_00419_42557_5500.N1	21-APR-2010 02:59:46	Straylight	54.000	40	The Sco	1.8590	7100.0	108	42557	No
37	GOM_NL__2PRFIN20100421_030602_000000442088_00419_42557_5501.N1	21-APR-2010 03:06:02	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42557	No
38	GOM_NL__2PRFIN20100421_030737_000000422088_00419_42557_5502.N1	21-APR-2010 03:07:37	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42557	No
39	GOM_NL__2PRFIN20100421_030953_000000502088_00419_42557_5503.N1	21-APR-2010 03:09:53	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42557	No
40	GOM_NL__2PRFIN20100421_031424_000000442088_00419_42557_5504.N1	21-APR-2010 03:14:24	Twi_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42557	No
41	GOM_NL__2PRFIN20100421_031552_000000552088_00419_42557_5505.N1	21-APR-2010 03:15:52	Bright	55.000	122	9Alp2Lib	2.7470	9700.0	110	42557	No
42	GOM_NL__2PRFIN20100421_031754_000000442088_00419_42557_5506.N1	21-APR-2010 03:17:54	Bright	43.500	15	67Alp Vir	0.97600	28000.	87	42557	No

43	GOM_NL__2PRFIN20100421_032432_000000382088_00419_42557_5507.N1	21-APR-2010 03:24:32	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42557	No
44	GOM_NL__2PRFIN20100421_032729_000000452088_00419_42557_5508.N1	21-APR-2010 03:27:29	Bright	44.500	111	8Eta Boo	2.6800	6000.0	89	42557	No
45	GOM_NL__2PRFIN20100421_033229_000000362088_00419_42557_5509.N1	21-APR-2010 03:32:29	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	42557	No
46	GOM_NL__2PRFIN20100421_033458_000000472088_00419_42557_5510.N1	21-APR-2010 03:34:58	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	42557	No
47	GOM_NL__2PRFIN20100421_033632_000000422088_00419_42557_5511.N1	21-APR-2010 03:36:32	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42557	No
48	GOM_NL__2PRFIN20100421_034350_000000402088_00419_42557_5512.N1	21-APR-2010 03:43:50	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42557	No
49	GOM_NL__2PRFIN20100421_035402_000000592088_00419_42557_5513.N1	21-APR-2010 03:54:02	Bright	59.000	89	5Alp Cep	2.4510	8000.0	118	42557	No
50	GOM_NL__2PRFIN20100421_040423_000000402088_00419_42557_5514.N1	21-APR-2010 04:04:23	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42557	No
51	GOM_NL__2PRFIN20100421_041153_000000532088_00419_42557_5515.N1	21-APR-2010 04:11:53	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42557	No
52	GOM_NL__2PRFIN20100421_041422_000000482088_00419_42557_5516.N1	21-APR-2010 04:14:22	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	42557	No
53	GOM_NL__2PRFIN20100421_041716_000000522088_00419_42557_5517.N1	21-APR-2010 04:17:16	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	42557	No
54	GOM_NL__2PRFIN20100421_041934_000000462088_00419_42557_5518.N1	21-APR-2010 04:19:34	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	42557	No
55	GOM_NL__2PRFIN20100421_042442_000000422088_00419_42557_5519.N1	21-APR-2010 04:24:42	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42557	No
56	GOM_NL__2PRFIN20100421_043146_000000392088_00420_42558_5507.N1	21-APR-2010 04:31:46	Dark	39.000	45	Alp Pav	1.9400	26000.	78	42558	No
57	GOM_NL__2PRFIN20100421_044023_000000572088_00420_42558_5508.N1	21-APR-2010 04:40:23	Straylight	56.500	40	The Sco	1.8590	7100.0	113	42558	No
58	GOM_NL__2PRFIN20100421_044639_000000442088_00420_42558_5509.N1	21-APR-2010 04:46:39	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42558	No
59	GOM_NL__2PRFIN20100421_044813_000000462088_00420_42558_5510.N1	21-APR-2010 04:48:13	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42558	No
60	GOM_NL__2PRFIN20100421_045029_000000462088_00420_42558_5511.N1	21-APR-2010 04:50:29	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42558	No
61	GOM_NL__2PRFIN20100421_045501_000000432088_00420_42558_5512.N1	21-APR-2010 04:55:01	Twilight_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42558	No
62	GOM_NL__2PRFIN20100421_045629_000000512088_00420_42558_5513.N1	21-APR-2010 04:56:29	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42558	No
63	GOM_NL__2PRFIN20100421_045830_000000432088_00420_42558_5514.N1	21-APR-2010 04:58:30	Bright	43.000	15	67Alp Vir	0.97600	28000.	86	42558	No
64	GOM_NL__2PRFIN20100421_050508_000000382088_00420_42558_5515.N1	21-APR-2010 05:05:08	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42558	No
65	GOM_NL__2PRFIN20100421_050805_000000442088_00420_42558_5516.N1	21-APR-2010 05:08:05	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42558	No
66	GOM_NL__2PRFIN20100421_051305_000000382088_00420_42558_5517.N1	21-APR-2010 05:13:05	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42558	No
67	GOM_NL__2PRFIN20100421_051533_000000472088_00420_42558_5518.N1	21-APR-2010 05:15:33	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	42558	No
68	GOM_NL__2PRFIN20100421_051708_000000422088_00420_42558_5519.N1	21-APR-2010 05:17:08	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42558	No
69	GOM_NL__2PRFIN20100421_052425_000000412088_00420_42558_5520.N1	21-APR-2010 05:24:25	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42558	No
70	GOM_NL__2PRFIN20100421_053437_000000422088_00420_42558_5521.N1	21-APR-2010 05:34:37	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42558	No
71	GOM_NL__2PRFIN20100421_054459_000000402088_00420_42558_5522.N1	21-APR-2010 05:44:59	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42558	No
72	GOM_NL__2PRFIN20100421_055230_000000552088_00420_42558_5523.N1	21-APR-2010 05:52:30	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	42558	No
73	GOM_NL__2PRFIN20100421_055458_000000472088_00420_42558_5524.N1	21-APR-2010 05:54:58	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42558	No
74	GOM_NL__2PRFIN20100421_055753_000000532088_00420_42558_5525.N1	21-APR-2010 05:57:53	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	42558	No
75	GOM_NL__2PRFIN20100421_060011_000000462088_00420_42558_5526.N1	21-APR-2010 06:00:11	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	42558	No
76	GOM_NL__2PRFIN20100421_060518_000000422088_00420_42558_5527.N1	21-APR-2010 06:05:18	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42558	No
77	GOM_NL__2PRFIN20100421_061223_000000462088_00421_42559_5515.N1	21-APR-2010 06:12:23	Dark	46.000	45	Alp Pav	1.9400	26000.	92	42559	No
78	GOM_NL__2PRFIN20100421_062100_000000592088_00421_42559_5516.N1	21-APR-2010 06:21:00	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42559	No
79	GOM_NL__2PRFIN20100421_062715_000000442088_00421_42559_5517.N1	21-APR-2010 06:27:15	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42559	No
80	GOM_NL__2PRFIN20100421_062849_000000422088_00421_42559_5518.N1	21-APR-2010 06:28:49	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42559	No
81	GOM_NL__2PRFIN20100421_063105_000000462088_00421_42559_5519.N1	21-APR-2010 06:31:05	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42559	No
82	GOM_NL__2PRFIN20100421_063537_000000422088_00421_42559_5520.N1	21-APR-2010 06:35:37	Twilight_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	42559	No
83	GOM_NL__2PRFIN20100421_063705_000000532088_00421_42559_5521.N1	21-APR-2010 06:37:05	Bright	52.500	122	9Alp2Lib	2.7470	9700.0	105	42559	No
84	GOM_NL__2PRFIN20100421_063907_000000432088_00421_42559_5522.N1	21-APR-2010 06:39:07	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42559	No
85	GOM_NL__2PRFIN20100421_064544_000000402088_00421_42559_5523.N1	21-APR-2010 06:45:44	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	42559	No
86	GOM_NL__2PRFIN20100421_064840_000000452088_00421_42559_5524.N1	21-APR-2010 06:48:40	Bright	45.000	111	8Eta Boo	2.6800	6000.0	90	42559	No
87	GOM_NL__2PRFIN20100421_065341_000000382088_00421_42559_5525.N1	21-APR-2010 06:53:41	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42559	No
88	GOM_NL__2PRFIN20100421_065608_000000472088_00421_42559_5526.N1	21-APR-2010 06:56:08	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	42559	No
89	GOM_NL__2PRFIN20100421_065743_000000422088_00421_42559_5527.N1	21-APR-2010 06:57:43	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42559	No
90	GOM_NL__2PRFIN20100421_070501_000000562088_00421_42559_5528.N1	21-APR-2010 07:05:01	Bright	55.500	60	7Bet UMi	2.0810	3950.0	111	42559	No
91	GOM_NL__2PRFIN20100421_071513_000000482088_00421_42559_5529.N1	21-APR-2010 07:15:13	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	42559	No
92	GOM_NL__2PRFIN20100421_072536_000000392088_00421_42559_5530.N1	21-APR-2010 07:25:36	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42559	No
93	GOM_NL__2PRFIN20100421_073306_000000532088_00421_42559_5531.N1	21-APR-2010 07:33:06	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42559	No
94	GOM_NL__2PRFIN20100421_073535_000000472088_00421_42559_5532.N1	21-APR-2010 07:35:35	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42559	No
95	GOM_NL__2PRFIN20100421_073830_000000532088_00421_42559_5533.N1	21-APR-2010 07:38:30	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	42559	No
96	GOM_NL__2PRFIN20100421_074047_000000482088_00421_42559_5534.N1	21-APR-2010 07:40:47	Dark	47.500	142	49Del Cap	2.8500	8900.0	95	42559	No
97	GOM_NL__2PRFIN20100421_074554_000000402088_00421_42559_5535.N1	21-APR-2010 07:45:54	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42559	No
98	GOM_NL__2PRFIN20100421_075259_000000422088_00422_42560_5523.N1	21-APR-2010 07:52:59	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42560	No
99	GOM_NL__2PRFIN20100421_080137_000000552088_00422_42560_5524.N1	21-APR-2010 08:01:37	Straylight	54.500	40	The Sco	1.8590	7100.0	109	42560	No
100	GOM_NL__2PRFIN20100421_080752_000000422088_00422_42560_5525.N1	21-APR-2010 08:07:52	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42560	No
101	GOM_NL__2PRFIN20100421_080926_000000432088_00422_42560_5526.N1	21-APR-2010 08:09:26	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42560	No

102	GOM_NL__2PRFIN20100421_081141_000000472088_00422_42560_5527.N1	21-APR-2010 08:11:41	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42560	No
103	GOM_NL__2PRFIN20100421_081613_000000432088_00422_42560_5528.N1	21-APR-2010 08:16:13	Tw_i_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42560	No
104	GOM_NL__2PRFIN20100421_081741_000000502088_00422_42560_5529.N1	21-APR-2010 08:17:41	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42560	No
105	GOM_NL__2PRFIN20100421_081943_000000422088_00422_42560_5530.N1	21-APR-2010 08:19:43	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42560	No
106	GOM_NL__2PRFIN20100421_082619_000000392088_00422_42560_5531.N1	21-APR-2010 08:26:19	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	42560	No
107	GOM_NL__2PRFIN20100421_082916_000000462088_00422_42560_5532.N1	21-APR-2010 08:29:16	Bright	45.500	111	8Eta Boo	2.6800	6000.0	91	42560	No
108	GOM_NL__2PRFIN20100421_083417_000000512088_00422_42560_5533.N1	21-APR-2010 08:34:17	Bright	51.000	152	12Alp2CVn	2.8900	11000.	102	42560	No
109	GOM_NL__2PRFIN20100421_083643_000000462088_00422_42560_5534.N1	21-APR-2010 08:36:43	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42560	No
110	GOM_NL__2PRFIN20100421_083819_000000412088_00422_42560_5535.N1	21-APR-2010 08:38:19	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42560	No
111	GOM_NL__2PRFIN20100421_084537_000000372088_00422_42560_5536.N1	21-APR-2010 08:45:37	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42560	No
112	GOM_NL__2PRFIN20100421_085549_000000392088_00422_42560_5537.N1	21-APR-2010 08:55:49	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42560	No
113	GOM_NL__2PRFIN20100421_090612_000000392088_00422_42560_5538.N1	21-APR-2010 09:06:12	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42560	No
114	GOM_NL__2PRFIN20100421_091020_000000432088_00422_42560_5539.N1	21-APR-2010 09:10:20	Tw_i_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42560	No
115	GOM_NL__2PRFIN20100421_091343_000000552088_00422_42560_5540.N1	21-APR-2010 09:13:43	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	42560	No
116	GOM_NL__2PRFIN20100421_091611_000000462088_00422_42560_5541.N1	21-APR-2010 09:16:11	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42560	No
117	GOM_NL__2PRFIN20100421_091907_000000512088_00422_42560_5542.N1	21-APR-2010 09:19:07	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	42560	No
118	GOM_NL__2PRFIN20100421_092124_000000452088_00422_42560_5543.N1	21-APR-2010 09:21:24	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42560	No
119	GOM_NL__2PRFIN20100421_092631_000000402088_00422_42560_5544.N1	21-APR-2010 09:26:31	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42560	No
120	GOM_NL__2PRFIN20100421_093336_000000402088_00423_42561_5551.N1	21-APR-2010 09:33:36	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42561	No
121	GOM_NL__2PRFIN20100421_094214_000000532088_00423_42561_5552.N1	21-APR-2010 09:42:14	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42561	No
122	GOM_NL__2PRFIN20100421_094828_000000422088_00423_42561_5553.N1	21-APR-2010 09:48:28	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42561	No
123	GOM_NL__2PRFIN20100421_095002_000000432088_00423_42561_5554.N1	21-APR-2010 09:50:02	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42561	No
124	GOM_NL__2PRFIN20100421_095218_000000502088_00423_42561_5555.N1	21-APR-2010 09:52:18	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42561	No
125	GOM_NL__2PRFIN20100421_095649_000000432088_00423_42561_5556.N1	21-APR-2010 09:56:49	Tw_i_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42561	No
126	GOM_NL__2PRFIN20100421_095817_000000512088_00423_42561_5557.N1	21-APR-2010 09:58:17	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42561	No
127	GOM_NL__2PRFIN20100421_100018_000000452088_00423_42561_5558.N1	21-APR-2010 10:00:18	Bright	45.000	15	67Alp Vir	0.97600	28000.	90	42561	No
128	GOM_NL__2PRFIN20100421_100655_000000402088_00423_42561_5559.N1	21-APR-2010 10:06:55	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	42561	No
129	GOM_NL__2PRFIN20100421_100951_000000452088_00423_42561_5560.N1	21-APR-2010 10:09:51	Bright	45.000	111	8Eta Boo	2.6800	6000.0	90	42561	No
130	GOM_NL__2PRFIN20100421_101718_000000482088_00423_42561_5561.N1	21-APR-2010 10:17:18	Bright	48.000	180	27Gam Boo	3.0400	8000.0	96	42561	No
131	GOM_NL__2PRFIN20100421_101854_000000432088_00423_42561_5562.N1	21-APR-2010 10:18:54	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	42561	No
132	GOM_NL__2PRFIN20100421_102612_000000412088_00423_42561_5563.N1	21-APR-2010 10:26:12	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42561	No
133	GOM_NL__2PRFIN20100421_103625_000000412088_00423_42561_5564.N1	21-APR-2010 10:36:25	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42561	No
134	GOM_NL__2PRFIN20100421_104648_000000372088_00423_42561_5565.N1	21-APR-2010 10:46:48	Bright	36.500	164	44Eta Peg	2.9480	5400.0	73	42561	No
135	GOM_NL__2PRFIN20100421_105056_000000442088_00423_42561_5566.N1	21-APR-2010 10:50:56	Tw_i_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42561	No
136	GOM_NL__2PRFIN20100421_105419_000000532088_00423_42561_5567.N1	21-APR-2010 10:54:19	Dark	52.500	61	8Eps Peg	2.1000	3900.0	105	42561	No
137	GOM_NL__2PRFIN20100421_105647_000000482088_00423_42561_5568.N1	21-APR-2010 10:56:47	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	42561	No
138	GOM_NL__2PRFIN20100421_105943_000000542088_00423_42561_5569.N1	21-APR-2010 10:59:43	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	42561	No
139	GOM_NL__2PRFIN20100421_110200_000000492088_00423_42561_5570.N1	21-APR-2010 11:02:00	Dark	49.000	142	49Del Cap	2.8500	8900.0	98	42561	No
140	GOM_NL__2PRFIN20100421_110708_000000412088_00423_42561_5571.N1	21-APR-2010 11:07:08	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42561	No
141	GOM_NL__2PRFIN20100421_111412_000000402088_00424_42562_5559.N1	21-APR-2010 11:14:12	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42562	No
142	GOM_NL__2PRFIN20100421_112251_000000602088_00424_42562_5560.N1	21-APR-2010 11:22:51	Straylight	59.500	40	The Sco	1.8590	7100.0	119	42562	No
143	GOM_NL__2PRFIN20100421_112904_000000442088_00424_42562_5561.N1	21-APR-2010 11:29:04	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42562	No
144	GOM_NL__2PRFIN20100421_113038_000000432088_00424_42562_5562.N1	21-APR-2010 11:30:38	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42562	No
145	GOM_NL__2PRFIN20100421_113254_000000462088_00424_42562_5563.N1	21-APR-2010 11:32:54	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42562	No
146	GOM_NL__2PRFIN20100421_113725_000000422088_00424_42562_5564.N1	21-APR-2010 11:37:25	Tw_i_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	42562	No
147	GOM_NL__2PRFIN20100421_113853_000000532088_00424_42562_5565.N1	21-APR-2010 11:38:53	Bright	52.500	122	9Alp2Lib	2.7470	9700.0	105	42562	No
148	GOM_NL__2PRFIN20100421_114054_000000452088_00424_42562_5566.N1	21-APR-2010 11:40:54	Bright	44.500	15	67Alp Vir	0.97600	28000.	89	42562	No
149	GOM_NL__2PRFIN20100421_114731_000000372088_00424_42562_5567.N1	21-APR-2010 11:47:31	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42562	No
150	GOM_NL__2PRFIN20100421_115027_000000432088_00424_42562_5568.N1	21-APR-2010 11:50:27	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42562	No
151	GOM_NL__2PRFIN20100421_115528_000000382088_00424_42562_5569.N1	21-APR-2010 11:55:28	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42562	No
152	GOM_NL__2PRFIN20100421_115754_000000482088_00424_42562_5570.N1	21-APR-2010 11:57:54	Bright	47.500	180	27Gam Boo	3.0400	8000.0	95	42562	No
153	GOM_NL__2PRFIN20100421_115930_000000382088_00424_42562_5571.N1	21-APR-2010 11:59:30	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	42562	No
154	GOM_NL__2PRFIN20100421_120648_000000402088_00424_42562_5572.N1	21-APR-2010 12:06:48	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42562	No
155	GOM_NL__2PRFIN20100421_121700_000000372088_00424_42562_5573.N1	21-APR-2010 12:17:00	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42562	No
156	GOM_NL__2PRFIN20100421_122724_000000492088_00424_42562_5574.N1	21-APR-2010 12:27:24	Bright	49.000	164	44Eta Peg	2.9480	5400.0	98	42562	No
157	GOM_NL__2PRFIN20100421_123132_000000422088_00424_42562_5575.N1	21-APR-2010 12:31:32	Tw_i_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	42562	No
158	GOM_NL__2PRFIN20100421_123456_000000592088_00424_42562_5576.N1	21-APR-2010 12:34:56	Dark	58.500	61	8Eps Peg	2.1000	3900.0	117	42562	No
159	GOM_NL__2PRFIN20100421_123724_000000482088_00424_42562_5577.N1	21-APR-2010 12:37:24	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	42562	No
160	GOM_NL__2PRFIN20100421_124020_000000532088_00424_42562_5578.N1	21-APR-2010 12:40:20	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	42562	No

161	GOM_NL__2PRFIN20100421_124237_000000452088_00424_42562_5579.N1	21-APR-2010 12:42:37	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42562	No
162	GOM_NL__2PRFIN20100421_124744_000000402088_00424_42562_5580.N1	21-APR-2010 12:47:44	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42562	No
163	GOM_NL__2PRFIN20100421_125449_000000402088_00425_42563_5572.N1	21-APR-2010 12:54:49	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42563	No
164	GOM_NL__2PRFIN20100421_130327_000000522088_00425_42563_5573.N1	21-APR-2010 13:03:27	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42563	No
165	GOM_NL__2PRFIN20100421_130940_000000422088_00425_42563_5574.N1	21-APR-2010 13:09:40	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42563	No
166	GOM_NL__2PRFIN20100421_131115_000000442088_00425_42563_5575.N1	21-APR-2010 13:11:15	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42563	No
167	GOM_NL__2PRFIN20100421_131330_000000482088_00425_42563_5576.N1	21-APR-2010 13:13:30	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42563	No
168	GOM_NL__2PRFIN20100421_131801_000000432088_00425_42563_5577.N1	21-APR-2010 13:18:01	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42563	No
169	GOM_NL__2PRFIN20100421_131929_000000512088_00425_42563_5578.N1	21-APR-2010 13:19:29	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42563	No
170	GOM_NL__2PRFIN20100421_132130_000000422088_00425_42563_5579.N1	21-APR-2010 13:21:30	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42563	No
171	GOM_NL__2PRFIN20100421_132807_000000372088_00425_42563_5580.N1	21-APR-2010 13:28:07	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42563	No
172	GOM_NL__2PRFIN20100421_133102_000000432088_00425_42563_5581.N1	21-APR-2010 13:31:02	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42563	No
173	GOM_NL__2PRFIN20100421_133604_000000372088_00425_42563_5582.N1	21-APR-2010 13:36:04	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42563	No
174	GOM_NL__2PRFIN20100421_133829_000000482088_00425_42563_5583.N1	21-APR-2010 13:38:29	Bright	48.000	180	27Gam Boo	3.0400	8000.0	96	42563	No
175	GOM_NL__2PRFIN20100421_134005_000000412088_00425_42563_5584.N1	21-APR-2010 13:40:05	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42563	No
176	GOM_NL__2PRFIN20100421_134723_000000412088_00425_42563_5585.N1	21-APR-2010 13:47:23	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42563	No
177	GOM_NL__2PRFIN20100421_135736_000000412088_00425_42563_5586.N1	21-APR-2010 13:57:36	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42563	No
178	GOM_NL__2PRFIN20100421_140800_000000362088_00425_42563_5587.N1	21-APR-2010 14:08:00	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	42563	No
179	GOM_NL__2PRFIN20100421_141208_000000422088_00425_42563_5588.N1	21-APR-2010 14:12:08	Tw_i_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	42563	No
180	GOM_NL__2PRFIN20100421_141532_000000562088_00425_42563_5589.N1	21-APR-2010 14:15:32	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42563	No
181	GOM_NL__2PRFIN20100421_141800_000000492088_00425_42563_5590.N1	21-APR-2010 14:18:00	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42563	No
182	GOM_NL__2PRFIN20100421_142057_000000492088_00425_42563_5591.N1	21-APR-2010 14:20:57	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42563	No
183	GOM_NL__2PRFIN20100421_142314_000000442088_00425_42563_5592.N1	21-APR-2010 14:23:14	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42563	No
184	GOM_NL__2PRFIN20100421_142821_000000402088_00425_42563_5593.N1	21-APR-2010 14:28:21	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42563	No
185	GOM_NL__2PRFIN20100421_143525_000000422088_00426_42564_5580.N1	21-APR-2010 14:35:25	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42564	No
186	GOM_NL__2PRFIN20100421_144405_000000572088_00426_42564_5581.N1	21-APR-2010 14:44:05	Straylight	57.000	40	The Sco	1.8590	7100.0	114	42564	No
187	GOM_NL__2PRFIN20100421_145016_000000412088_00426_42564_5582.N1	21-APR-2010 14:50:16	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42564	No
188	GOM_NL__2PRFIN20100421_145151_000000422088_00426_42564_5583.N1	21-APR-2010 14:51:51	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42564	No
189	GOM_NL__2PRFIN20100421_145406_000000452088_00426_42564_5584.N1	21-APR-2010 14:54:06	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42564	No
190	GOM_NL__2PRFIN20100421_145837_000000432088_00426_42564_5585.N1	21-APR-2010 14:58:37	Tw_i_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42564	No
191	GOM_NL__2PRFIN20100421_150005_000000512088_00426_42564_5586.N1	21-APR-2010 15:00:05	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42564	No
192	GOM_NL__2PRFIN20100421_150206_000000422088_00426_42564_5587.N1	21-APR-2010 15:02:06	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42564	No
193	GOM_NL__2PRFIN20100421_150843_000000372088_00426_42564_5588.N1	21-APR-2010 15:08:43	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42564	No
194	GOM_NL__2PRFIN20100421_151138_000000442088_00426_42564_5589.N1	21-APR-2010 15:11:38	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42564	No
195	GOM_NL__2PRFIN20100421_151640_000000362088_00426_42564_5590.N1	21-APR-2010 15:16:40	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	42564	No
196	GOM_NL__2PRFIN20100421_151904_000000472088_00426_42564_5591.N1	21-APR-2010 15:19:04	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	42564	No
197	GOM_NL__2PRFIN20100421_152041_000000422088_00426_42564_5592.N1	21-APR-2010 15:20:41	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42564	No
198	GOM_NL__2PRFIN20100421_152759_000000402088_00426_42564_5593.N1	21-APR-2010 15:27:59	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42564	No
199	GOM_NL__2PRFIN20100421_153812_000000422088_00426_42564_5594.N1	21-APR-2010 15:38:12	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42564	No
200	GOM_NL__2PRFIN20100421_154836_000000372088_00426_42564_5595.N1	21-APR-2010 15:48:36	Bright	36.500	164	44Eta Peg	2.9480	5400.0	73	42564	No
201	GOM_NL__2PRFIN20100421_155244_000000422088_00426_42564_5596.N1	21-APR-2010 15:52:44	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42564	No
202	GOM_NL__2PRFIN20100421_155609_000000552088_00426_42564_5597.N1	21-APR-2010 15:56:09	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	42564	No
203	GOM_NL__2PRFIN20100421_155837_000000492088_00426_42564_5598.N1	21-APR-2010 15:58:37	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42564	No
204	GOM_NL__2PRFIN20100421_160134_000000532088_00426_42564_5599.N1	21-APR-2010 16:01:34	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	42564	No
205	GOM_NL__2PRFIN20100421_160350_000000462088_00426_42564_5600.N1	21-APR-2010 16:03:50	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	42564	No
206	GOM_NL__2PRFIN20100421_160857_000000402088_00426_42564_5601.N1	21-APR-2010 16:08:57	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42564	No
207	GOM_NL__2PRFIN20100421_161602_000000412088_00427_42565_5588.N1	21-APR-2010 16:16:02	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42565	No
208	GOM_NL__2PRFIN20100421_162441_000000522088_00427_42565_5589.N1	21-APR-2010 16:24:41	Straylight	52.000	40	The Sco	1.8590	7100.0	104	42565	No
209	GOM_NL__2PRFIN20100421_163053_000000412088_00427_42565_5590.N1	21-APR-2010 16:30:53	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42565	No
210	GOM_NL__2PRFIN20100421_163227_000000452088_00427_42565_5591.N1	21-APR-2010 16:32:27	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42565	No
211	GOM_NL__2PRFIN20100421_163442_000000472088_00427_42565_5592.N1	21-APR-2010 16:34:42	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42565	No
212	GOM_NL__2PRFIN20100421_163913_000000432088_00427_42565_5593.N1	21-APR-2010 16:39:13	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42565	No
213	GOM_NL__2PRFIN20100421_164041_000000522088_00427_42565_5594.N1	21-APR-2010 16:40:41	Bright	52.000	122	9Alp2Lib	2.7470	9700.0	104	42565	No
214	GOM_NL__2PRFIN20100421_164243_000000442088_00427_42565_5595.N1	21-APR-2010 16:42:43	Bright	43.500	15	67Alp Vir	0.97600	28000.	87	42565	No
215	GOM_NL__2PRFIN20100421_164919_000000372088_00427_42565_5596.N1	21-APR-2010 16:49:19	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42565	No
216	GOM_NL__2PRFIN20100421_165213_000000452088_00427_42565_5597.N1	21-APR-2010 16:52:13	Bright	45.000	111	8Eta Boo	2.6800	6000.0	90	42565	No
217	GOM_NL__2PRFIN20100421_165715_000000392088_00427_42565_5598.N1	21-APR-2010 16:57:15	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42565	No
218	GOM_NL__2PRFIN20100421_165939_000000462088_00427_42565_5599.N1	21-APR-2010 16:59:39	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42565	No
219	GOM_NL__2PRFIN20100421_170117_000000422088_00427_42565_5600.N1	21-APR-2010 17:01:17	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42565	No

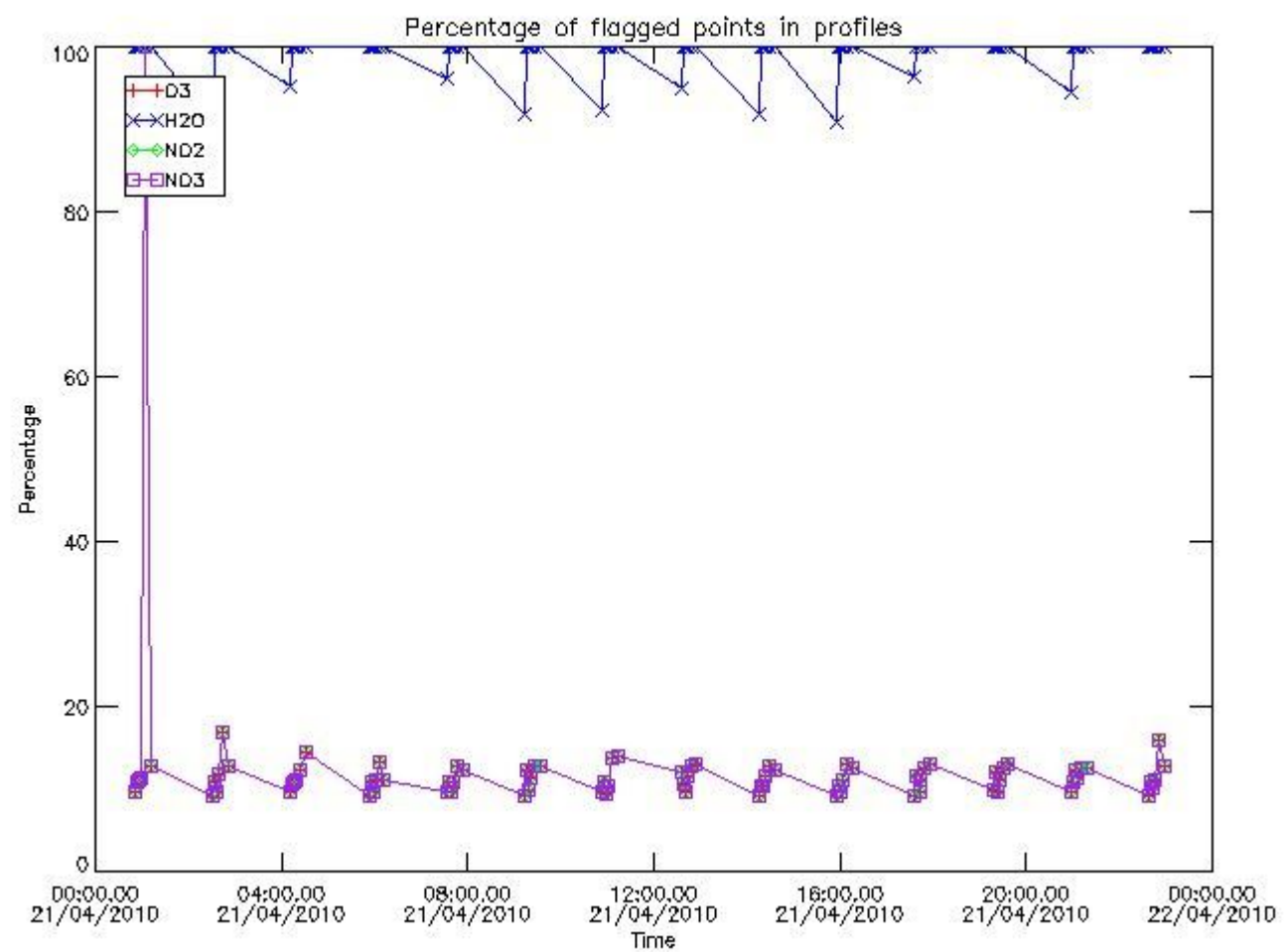
220	GOM_NL__2PRFIN20100421_170835_000000392088_00427_42565_5601.N1	21-APR-2010 17:08:35	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42565	No
221	GOM_NL__2PRFIN20100421_171847_000000592088_00427_42565_5602.N1	21-APR-2010 17:18:47	Bright	59.000	89	5Alp Cep	2.4510	8000.0	118	42565	No
222	GOM_NL__2PRFIN20100421_172912_000000402088_00427_42565_5603.N1	21-APR-2010 17:29:12	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42565	No
223	GOM_NL__2PRFIN20100421_173321_000000422088_00427_42565_5604.N1	21-APR-2010 17:33:21	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42565	No
224	GOM_NL__2PRFIN20100421_173645_000000552088_00427_42565_5605.N1	21-APR-2010 17:36:45	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	42565	No
225	GOM_NL__2PRFIN20100421_173913_000000492088_00427_42565_5606.N1	21-APR-2010 17:39:13	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42565	No
226	GOM_NL__2PRFIN20100421_174210_000000532088_00427_42565_5607.N1	21-APR-2010 17:42:10	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	42565	No
227	GOM_NL__2PRFIN20100421_174427_000000462088_00427_42565_5608.N1	21-APR-2010 17:44:27	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	42565	No
228	GOM_NL__2PRFIN20100421_174934_000000412088_00427_42565_5609.N1	21-APR-2010 17:49:34	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42565	No
229	GOM_NL__2PRFIN20100421_175638_000000402088_00428_42566_5596.N1	21-APR-2010 17:56:38	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42566	No
230	GOM_NL__2PRFIN20100421_180519_000000612088_00428_42566_5597.N1	21-APR-2010 18:05:19	Straylight	61.000	40	The Sco	1.8590	7100.0	122	42566	No
231	GOM_NL__2PRFIN20100421_181129_000000402088_00428_42566_5598.N1	21-APR-2010 18:11:29	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42566	No
232	GOM_NL__2PRFIN20100421_181304_000000442088_00428_42566_5599.N1	21-APR-2010 18:13:04	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42566	No
233	GOM_NL__2PRFIN20100421_181519_000000452088_00428_42566_5600.N1	21-APR-2010 18:15:19	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42566	No
234	GOM_NL__2PRFIN20100421_181949_000000442088_00428_42566_5601.N1	21-APR-2010 18:19:49	Twi_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42566	No
235	GOM_NL__2PRFIN20100421_182117_000000512088_00428_42566_5602.N1	21-APR-2010 18:21:17	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42566	No
236	GOM_NL__2PRFIN20100421_182319_000000422088_00428_42566_5603.N1	21-APR-2010 18:23:19	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42566	No
237	GOM_NL__2PRFIN20100421_182955_000000382088_00428_42566_5604.N1	21-APR-2010 18:29:55	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42566	No
238	GOM_NL__2PRFIN20100421_183249_000000442088_00428_42566_5605.N1	21-APR-2010 18:32:49	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42566	No
239	GOM_NL__2PRFIN20100421_183751_000000362088_00428_42566_5606.N1	21-APR-2010 18:37:51	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	42566	No
240	GOM_NL__2PRFIN20100421_184014_000000472088_00428_42566_5607.N1	21-APR-2010 18:40:14	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	42566	No
241	GOM_NL__2PRFIN20100421_184152_000000422088_00428_42566_5608.N1	21-APR-2010 18:41:52	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	42566	No
242	GOM_NL__2PRFIN20100421_184911_000000412088_00428_42566_5609.N1	21-APR-2010 18:49:11	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42566	No
243	GOM_NL__2PRFIN20100421_185923_000000592088_00428_42566_5610.N1	21-APR-2010 18:59:23	Bright	59.000	89	5Alp Cep	2.4510	8000.0	118	42566	No
244	GOM_NL__2PRFIN20100421_190948_000000402088_00428_42566_5611.N1	21-APR-2010 19:09:48	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42566	No
245	GOM_NL__2PRFIN20100421_191357_000000432088_00428_42566_5612.N1	21-APR-2010 19:13:57	Twi_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42566	No
246	GOM_NL__2PRFIN20100421_191722_000000572088_00428_42566_5613.N1	21-APR-2010 19:17:22	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	42566	No
247	GOM_NL__2PRFIN20100421_191950_000000472088_00428_42566_5614.N1	21-APR-2010 19:19:50	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42566	No
248	GOM_NL__2PRFIN20100421_192247_000000532088_00428_42566_5615.N1	21-APR-2010 19:22:47	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	42566	No
249	GOM_NL__2PRFIN20100421_192503_000000462088_00428_42566_5616.N1	21-APR-2010 19:25:03	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	42566	No
250	GOM_NL__2PRFIN20100421_193010_000000412088_00428_42566_5617.N1	21-APR-2010 19:30:10	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42566	No
251	GOM_NL__2PRFIN20100421_193715_000000402088_00429_42567_5604.N1	21-APR-2010 19:37:15	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42567	No
252	GOM_NL__2PRFIN20100421_194556_000000532088_00429_42567_5605.N1	21-APR-2010 19:45:56	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42567	No
253	GOM_NL__2PRFIN20100421_195206_000000432088_00429_42567_5606.N1	21-APR-2010 19:52:06	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42567	No
254	GOM_NL__2PRFIN20100421_195340_000000442088_00429_42567_5607.N1	21-APR-2010 19:53:40	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42567	No
255	GOM_NL__2PRFIN20100421_195555_000000452088_00429_42567_5608.N1	21-APR-2010 19:55:55	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42567	No
256	GOM_NL__2PRFIN20100421_200026_000000442088_00429_42567_5609.N1	21-APR-2010 20:00:26	Twi_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42567	No
257	GOM_NL__2PRFIN20100421_200153_000000532088_00429_42567_5610.N1	21-APR-2010 20:01:53	Bright	52.500	122	9Alp2Lib	2.7470	9700.0	105	42567	No
258	GOM_NL__2PRFIN20100421_200355_000000432088_00429_42567_5611.N1	21-APR-2010 20:03:55	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42567	No
259	GOM_NL__2PRFIN20100421_201031_000000382088_00429_42567_5612.N1	21-APR-2010 20:10:31	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42567	No
260	GOM_NL__2PRFIN20100421_201325_000000432088_00429_42567_5613.N1	21-APR-2010 20:13:25	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42567	No
261	GOM_NL__2PRFIN20100421_201827_000000382088_00429_42567_5614.N1	21-APR-2010 20:18:27	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42567	No
262	GOM_NL__2PRFIN20100421_202050_000000472088_00429_42567_5615.N1	21-APR-2010 20:20:50	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	42567	No
263	GOM_NL__2PRFIN20100421_202228_000000412088_00429_42567_5616.N1	21-APR-2010 20:22:28	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42567	No
264	GOM_NL__2PRFIN20100421_202946_000000402088_00429_42567_5617.N1	21-APR-2010 20:29:46	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42567	No
265	GOM_NL__2PRFIN20100421_203959_000000402088_00429_42567_5618.N1	21-APR-2010 20:39:59	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42567	No
266	GOM_NL__2PRFIN20100421_205024_000000372088_00429_42567_5619.N1	21-APR-2010 20:50:24	Bright	36.500	164	44Eta Peg	2.9480	5400.0	73	42567	No
267	GOM_NL__2PRFIN20100421_205433_000000442088_00429_42567_5620.N1	21-APR-2010 20:54:33	Twi_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42567	No
268	GOM_NL__2PRFIN20100421_205758_000000542088_00429_42567_5621.N1	21-APR-2010 20:57:58	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	42567	No
269	GOM_NL__2PRFIN20100421_210026_000000472088_00429_42567_5622.N1	21-APR-2010 21:00:26	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42567	No
270	GOM_NL__2PRFIN20100421_210324_000000542088_00429_42567_5623.N1	21-APR-2010 21:03:24	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	42567	No
271	GOM_NL__2PRFIN20100421_210540_000000452088_00429_42567_5624.N1	21-APR-2010 21:05:40	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42567	No
272	GOM_NL__2PRFIN20100421_211047_000000412088_00429_42567_5625.N1	21-APR-2010 21:10:47	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42567	No
273	GOM_NL__2PRFIN20100421_211751_000000412088_00430_42568_5612.N1	21-APR-2010 21:17:51	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42568	No
274	GOM_NL__2PRFIN20100421_212632_000000532088_00430_42568_5613.N1	21-APR-2010 21:26:32	Straylight	53.000	40	The Sco	1.8590	7100.0	106	42568	No
275	GOM_NL__2PRFIN20100421_213242_000000402088_00430_42568_5614.N1	21-APR-2010 21:32:42	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42568	No
276	GOM_NL__2PRFIN20100421_213416_000000442088_00430_42568_5615.N1	21-APR-2010 21:34:16	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42568	No
277	GOM_NL__2PRFIN20100421_213631_000000442088_00430_42568_5616.N1	21-APR-2010 21:36:31	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	42568	No
278	GOM_NL__2PRFIN20100421_214102_000000442088_00430_42568_5617.N1	21-APR-2010 21:41:02	Twi_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42568	No

279	GOM_NL__2PRFIN20100421_214229_000000542088_00430_42568_5618.N1	21-APR-2010 21:42:29	Bright	53.500	122	9Alp2Lib	2.7470	9700.0	107	42568	No
280	GOM_NL__2PRFIN20100421_214431_000000442088_00430_42568_5619.N1	21-APR-2010 21:44:31	Bright	44.000	15	67Alp Vir	0.97600	28000.	88	42568	No
281	GOM_NL__2PRFIN20100421_215106_000000382088_00430_42568_5620.N1	21-APR-2010 21:51:06	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42568	No
282	GOM_NL__2PRFIN20100421_215400_000000432088_00430_42568_5621.N1	21-APR-2010 21:54:00	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	42568	No
283	GOM_NL__2PRFIN20100421_215903_000000392088_00430_42568_5622.N1	21-APR-2010 21:59:03	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42568	No
284	GOM_NL__2PRFIN20100421_220125_000000442088_00430_42568_5623.N1	21-APR-2010 22:01:25	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	42568	No
285	GOM_NL__2PRFIN20100421_220303_000000412088_00430_42568_5624.N1	21-APR-2010 22:03:03	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42568	No
286	GOM_NL__2PRFIN20100421_221022_000000472088_00430_42568_5625.N1	21-APR-2010 22:10:22	Bright	46.500	60	7Bet UMi	2.0810	3950.0	93	42568	No
287	GOM_NL__2PRFIN20100421_222035_000000392088_00430_42568_5626.N1	21-APR-2010 22:20:35	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42568	No
288	GOM_NL__2PRFIN20100421_223100_000000562088_00430_42568_5627.N1	21-APR-2010 22:31:00	Bright	56.000	164	44Eta Peg	2.9480	5400.0	112	42568	No
289	GOM_NL__2PRFIN20100421_223509_000000422088_00430_42568_5628.N1	21-APR-2010 22:35:09	Twilight	42.000	90	54Alp Peg	2.4870	11000.	84	42568	No
290	GOM_NL__2PRFIN20100421_223835_000000562088_00430_42568_5629.N1	21-APR-2010 22:38:35	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	42568	No
291	GOM_NL__2PRFIN20100421_224102_000000472088_00430_42568_5630.N1	21-APR-2010 22:41:02	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42568	No
292	GOM_NL__2PRFIN20100421_224401_000000552088_00430_42568_5631.N1	21-APR-2010 22:44:01	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42568	No
293	GOM_NL__2PRFIN20100421_224617_000000462088_00430_42568_5632.N1	21-APR-2010 22:46:17	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	42568	No
294	GOM_NL__2PRFIN20100421_225123_000000422088_00430_42568_5633.N1	21-APR-2010 22:51:23	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42568	No
295	GOM_NL__2PRFIN20100421_225828_000000402088_00431_42569_5625.N1	21-APR-2010 22:58:28	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42569	No
296	GOM_NL__2PRFIN20100421_230710_000000502088_00431_42569_5626.N1	21-APR-2010 23:07:10	Straylight	50.000	40	The Sco	1.8590	7100.0	100	42569	No
297	GOM_NL__2PRFIN20100421_231318_000000412088_00431_42569_5627.N1	21-APR-2010 23:13:18	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42569	No
298	GOM_NL__2PRFIN20100421_231453_000000452088_00431_42569_5628.N1	21-APR-2010 23:14:53	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42569	No
299	GOM_NL__2PRFIN20100421_231707_000000452088_00431_42569_5629.N1	21-APR-2010 23:17:07	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	42569	No
300	GOM_NL__2PRFIN20100421_232138_000000432088_00431_42569_5630.N1	21-APR-2010 23:21:38	Twilight	43.000	169	46Gam Hya	2.9910	4700.0	86	42569	No
301	GOM_NL__2PRFIN20100421_232305_000000542088_00431_42569_5631.N1	21-APR-2010 23:23:05	Bright	54.000	122	9Alp2Lib	2.7470	9700.0	108	42569	No
302	GOM_NL__2PRFIN20100421_232506_000000432088_00431_42569_5632.N1	21-APR-2010 23:25:06	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42569	No
303	GOM_NL__2PRFIN20100421_233142_000000382088_00431_42569_5633.N1	21-APR-2010 23:31:42	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42569	No
304	GOM_NL__2PRFIN20100421_233435_000000452088_00431_42569_5634.N1	21-APR-2010 23:34:35	Bright	44.500	111	8Eta Boo	2.6800	6000.0	89	42569	No
305	GOM_NL__2PRFIN20100421_233939_000000382088_00431_42569_5635.N1	21-APR-2010 23:39:39	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42569	No
306	GOM_NL__2PRFIN20100421_234200_000000432088_00431_42569_5636.N1	21-APR-2010 23:42:00	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42569	No
307	GOM_NL__2PRFIN20100421_234339_000000392088_00431_42569_5637.N1	21-APR-2010 23:43:39	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42569	No
308	GOM_NL__2PRFIN20100421_235057_000000372088_00431_42569_5638.N1	21-APR-2010 23:50:57	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42569	No

3. Quality information per product

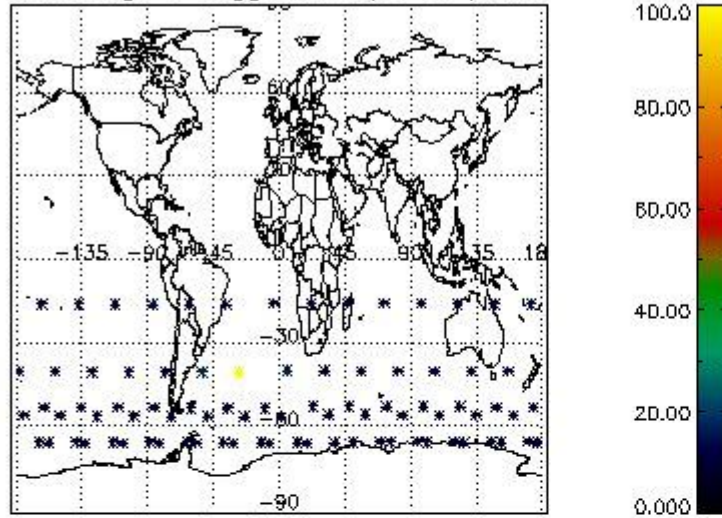
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

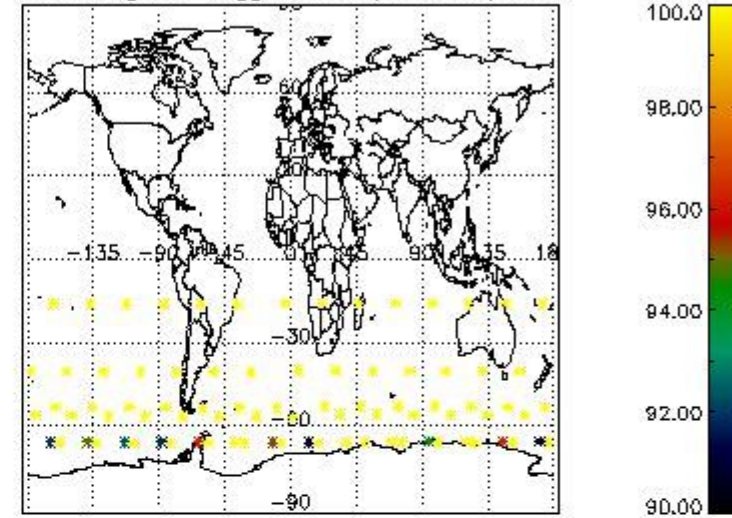


3.2 Plot quality information per product (world map)

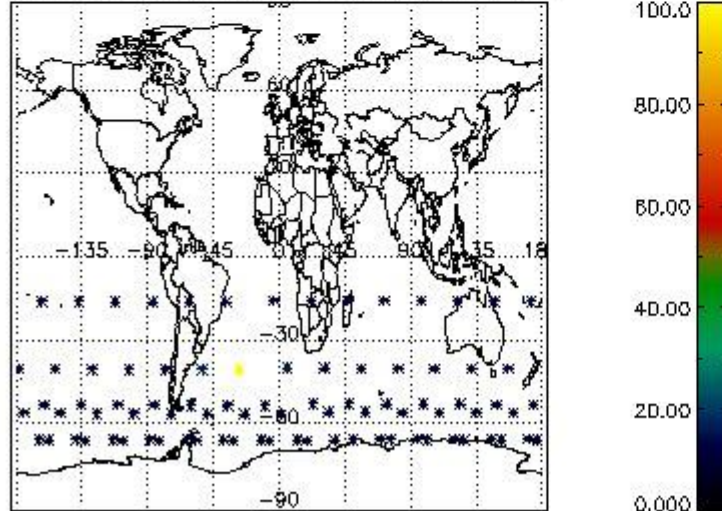
Percentage of flagged data per O3 profile



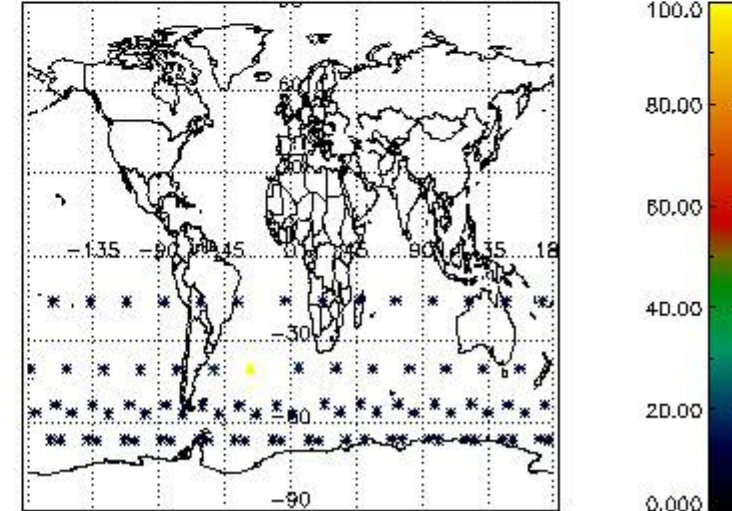
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

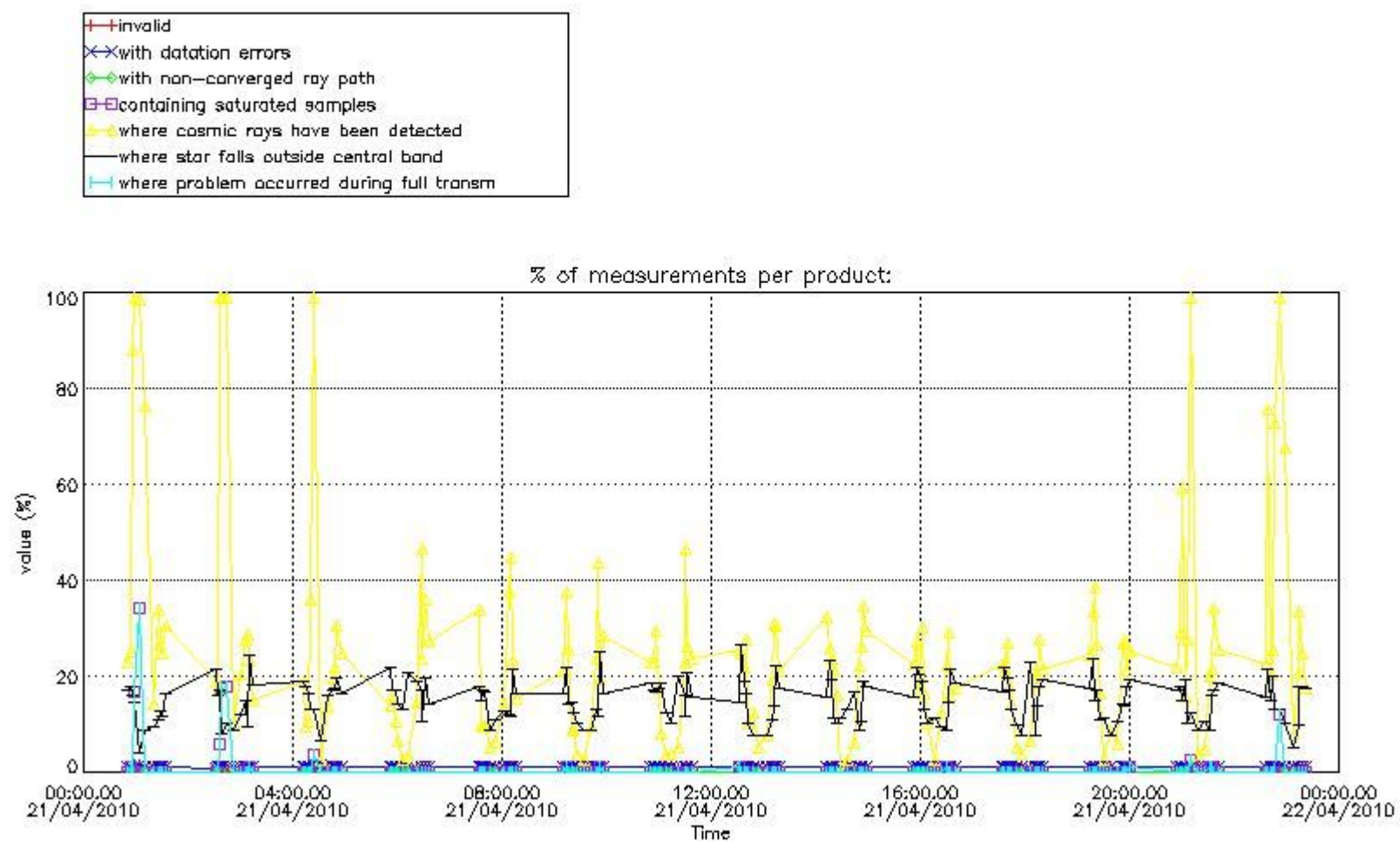


4. Level 1 quality information per product

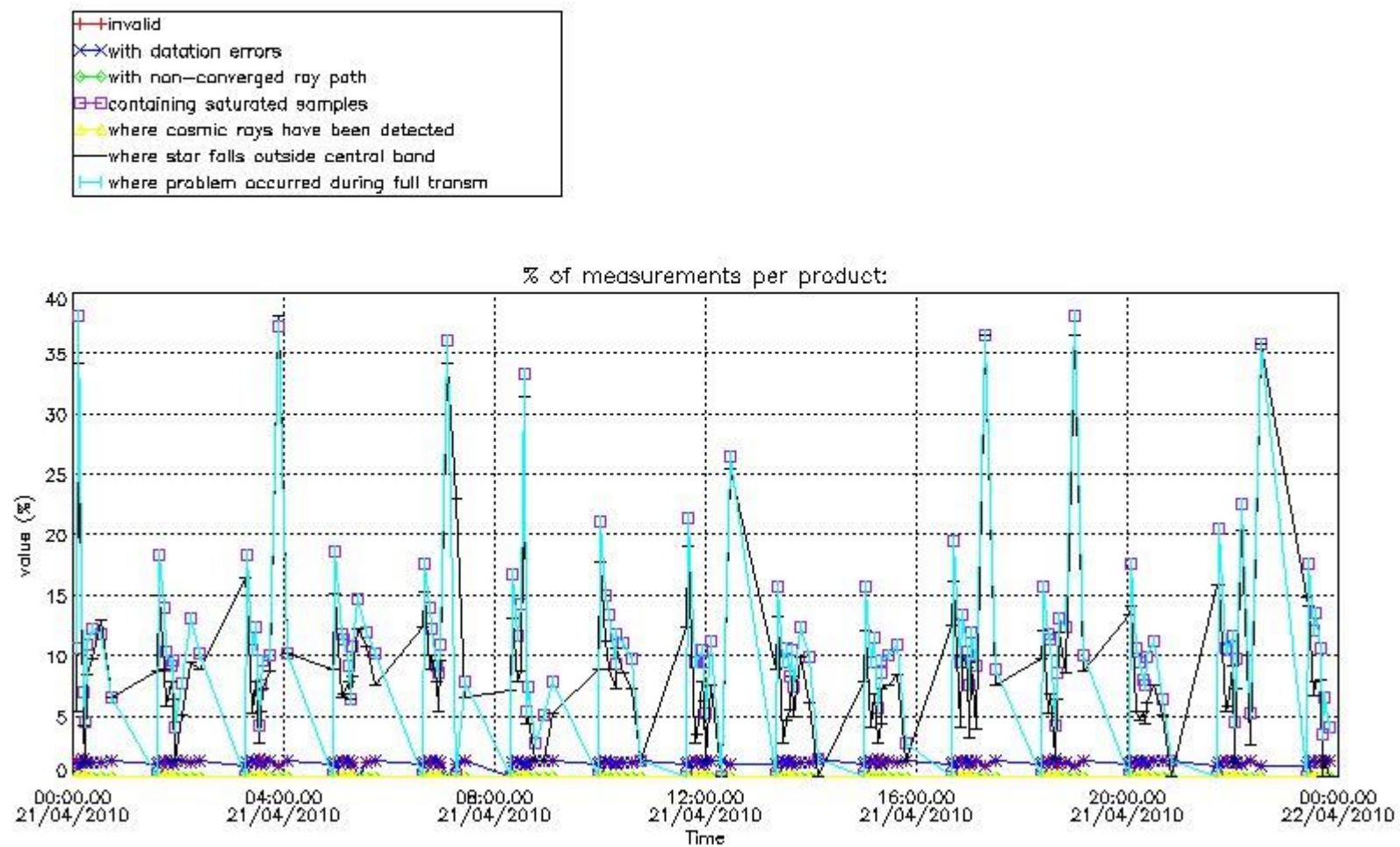
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



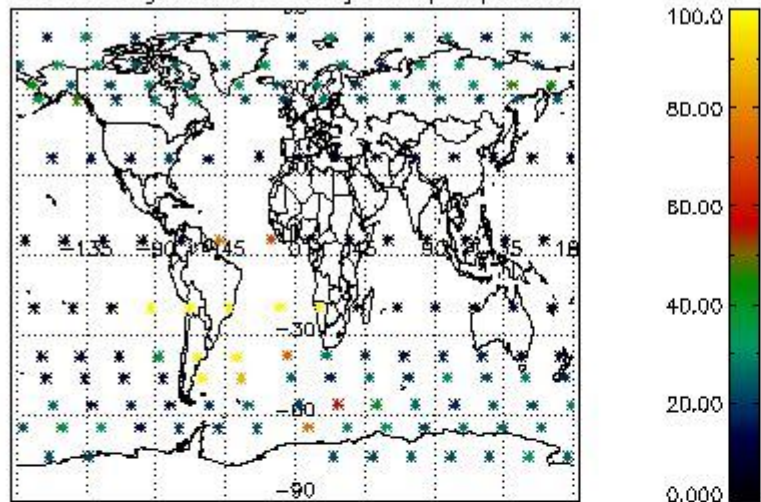
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



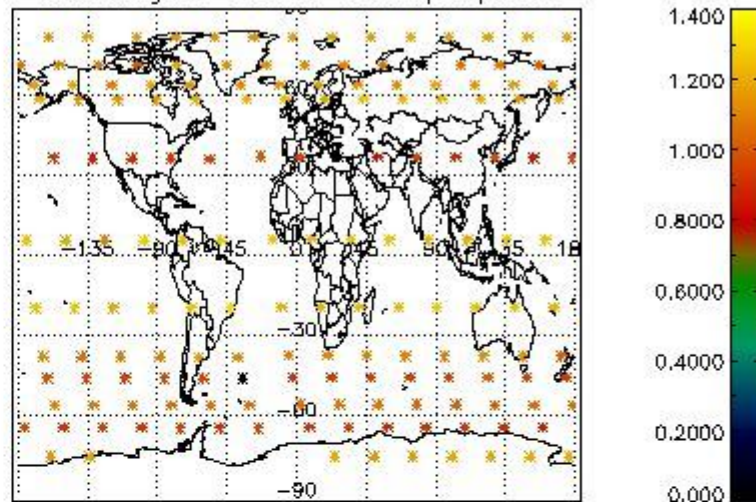
4.2 Plot quality information per product coming from level 1b processing (world map)

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

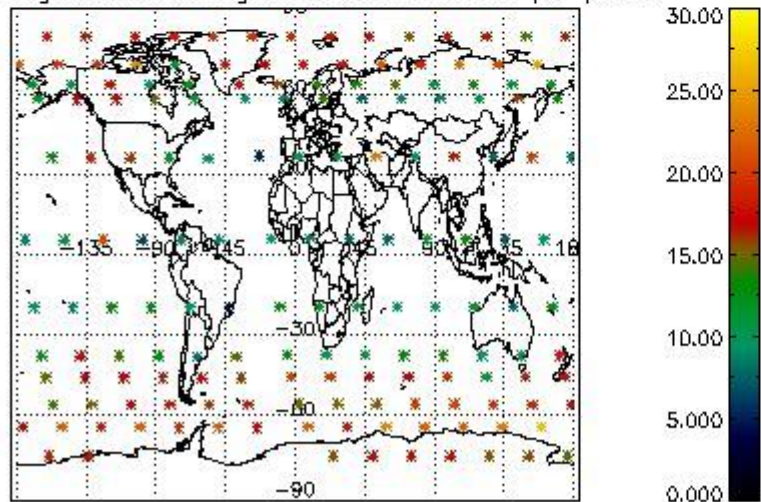
Percentage of cosmic ray hits per profile



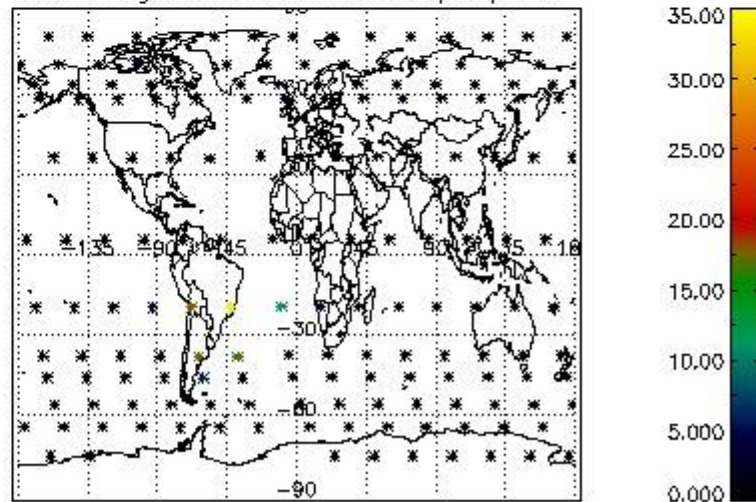
Percentage of datation errors per profile



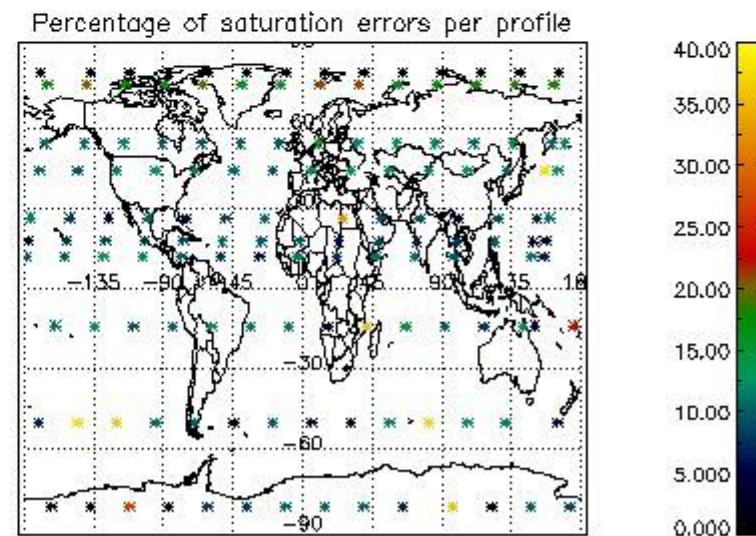
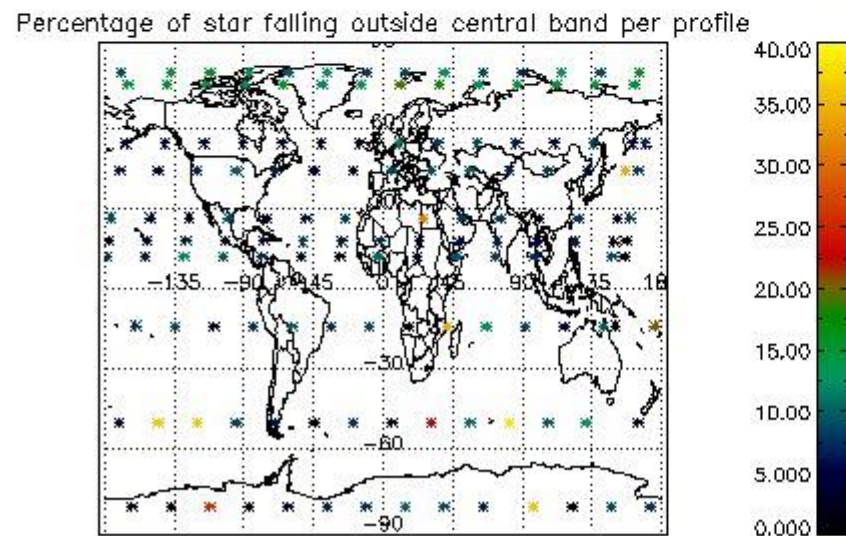
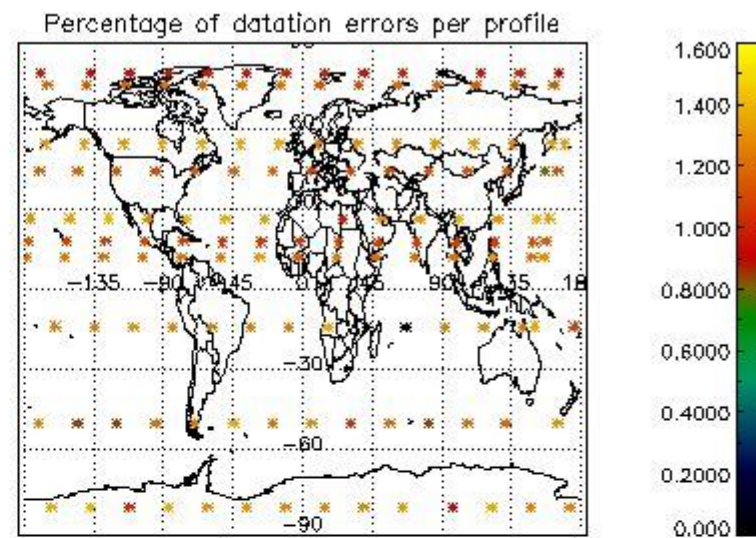
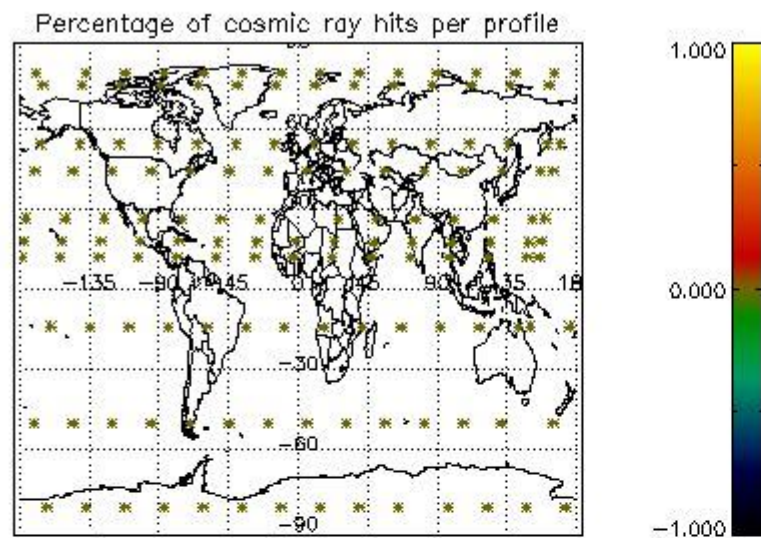
Percentage of star falling outside central band per profile



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

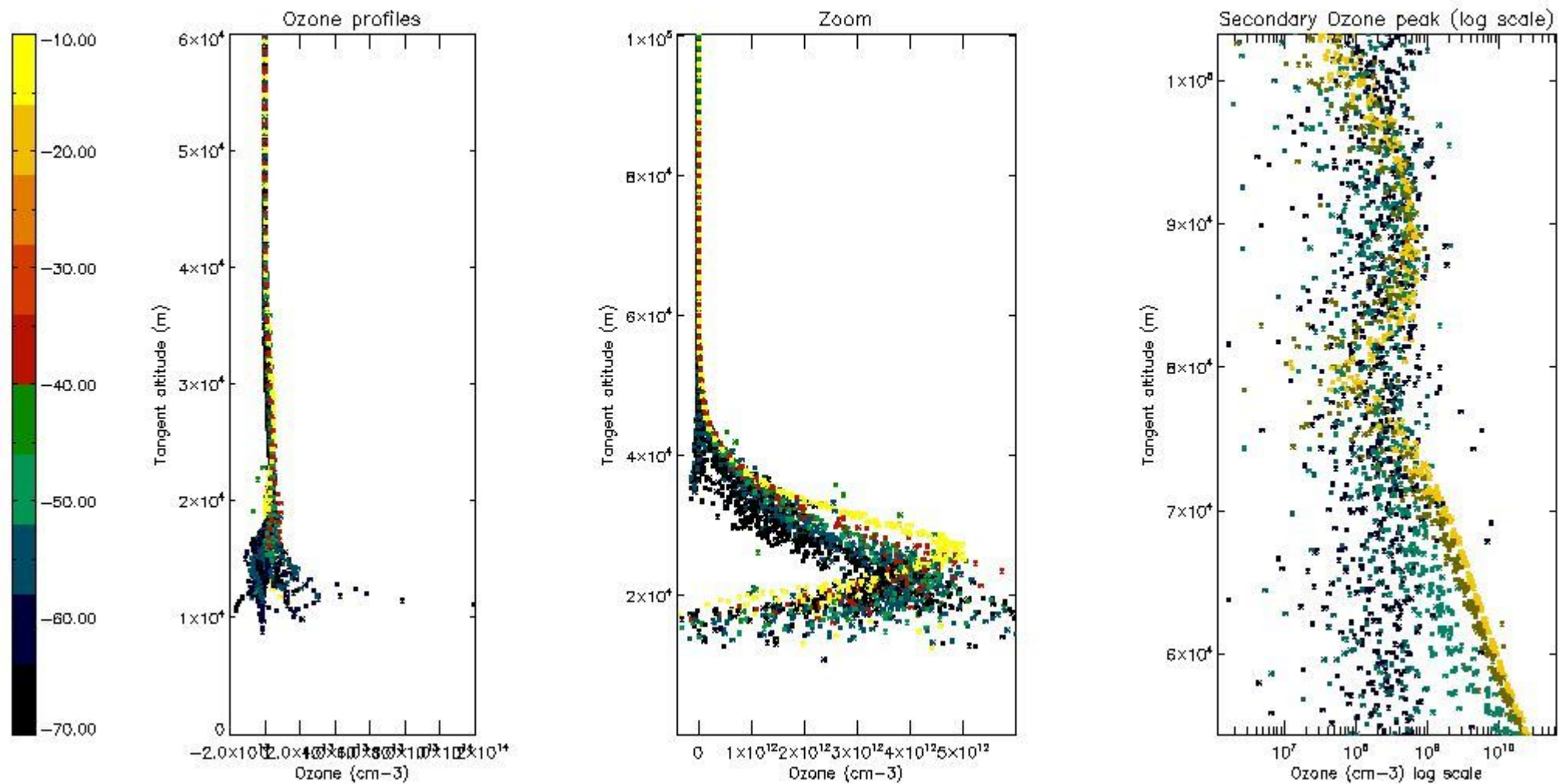
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	11

STD < 10	6
STD < 5	2

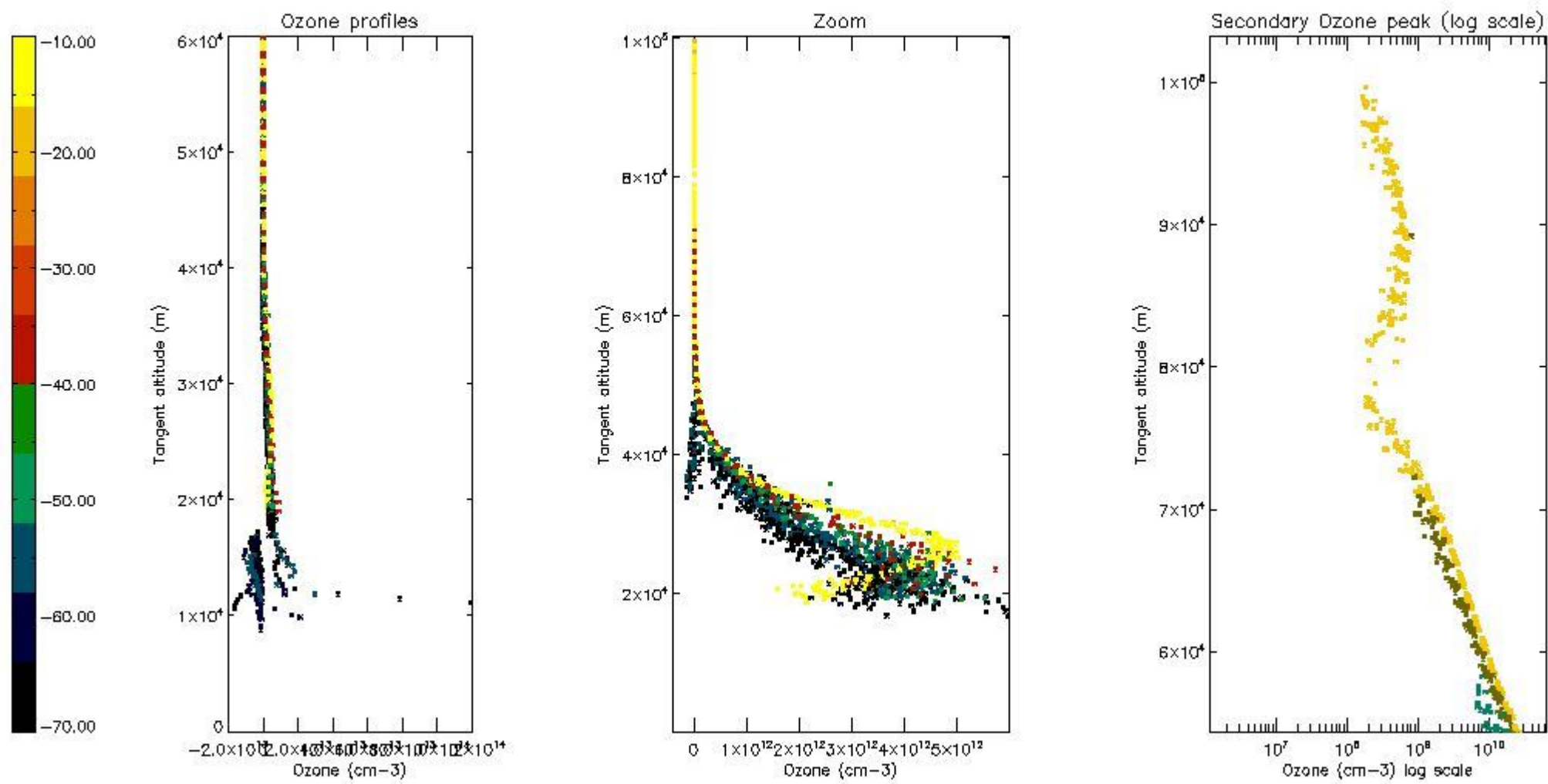
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



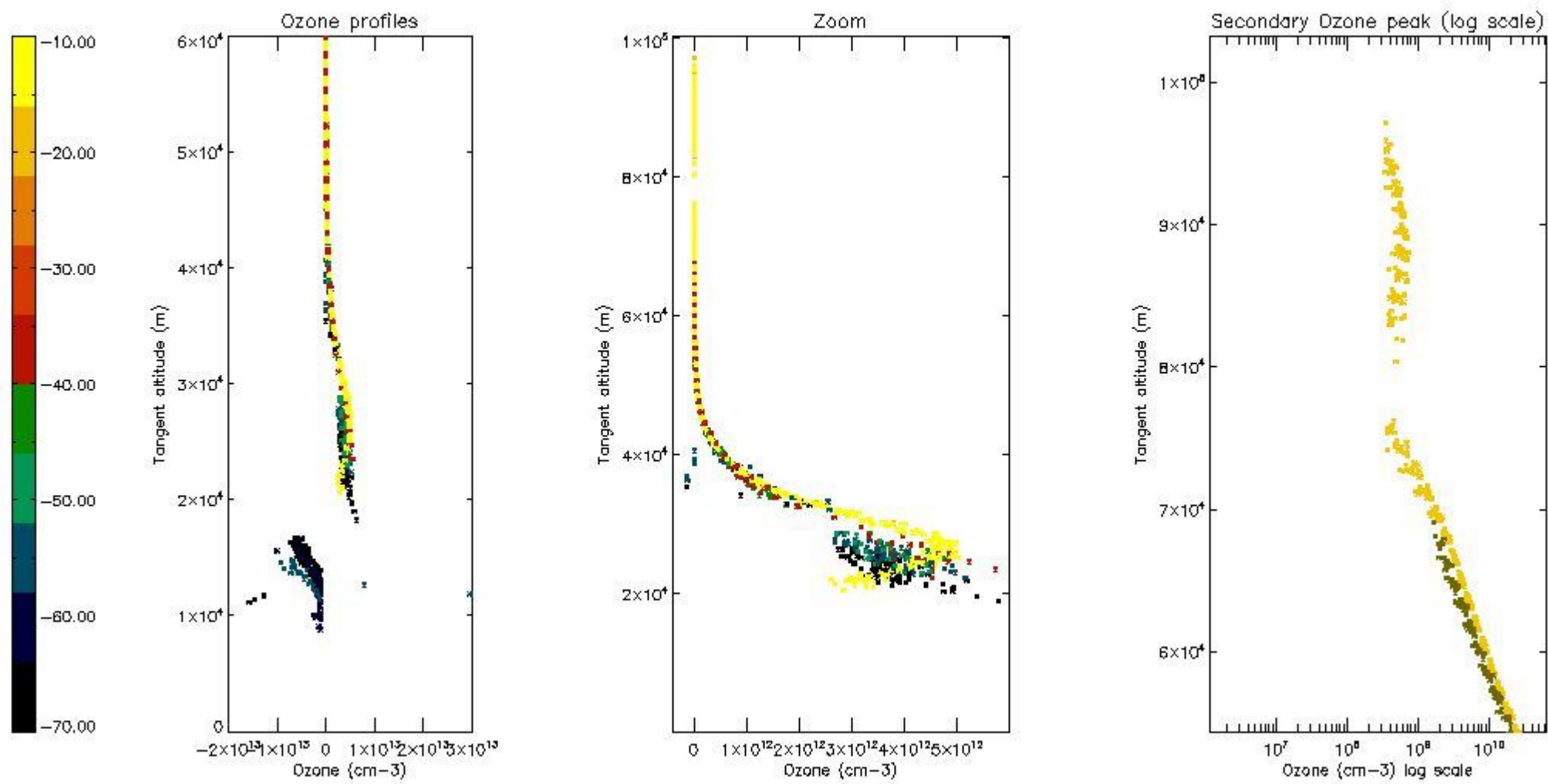
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



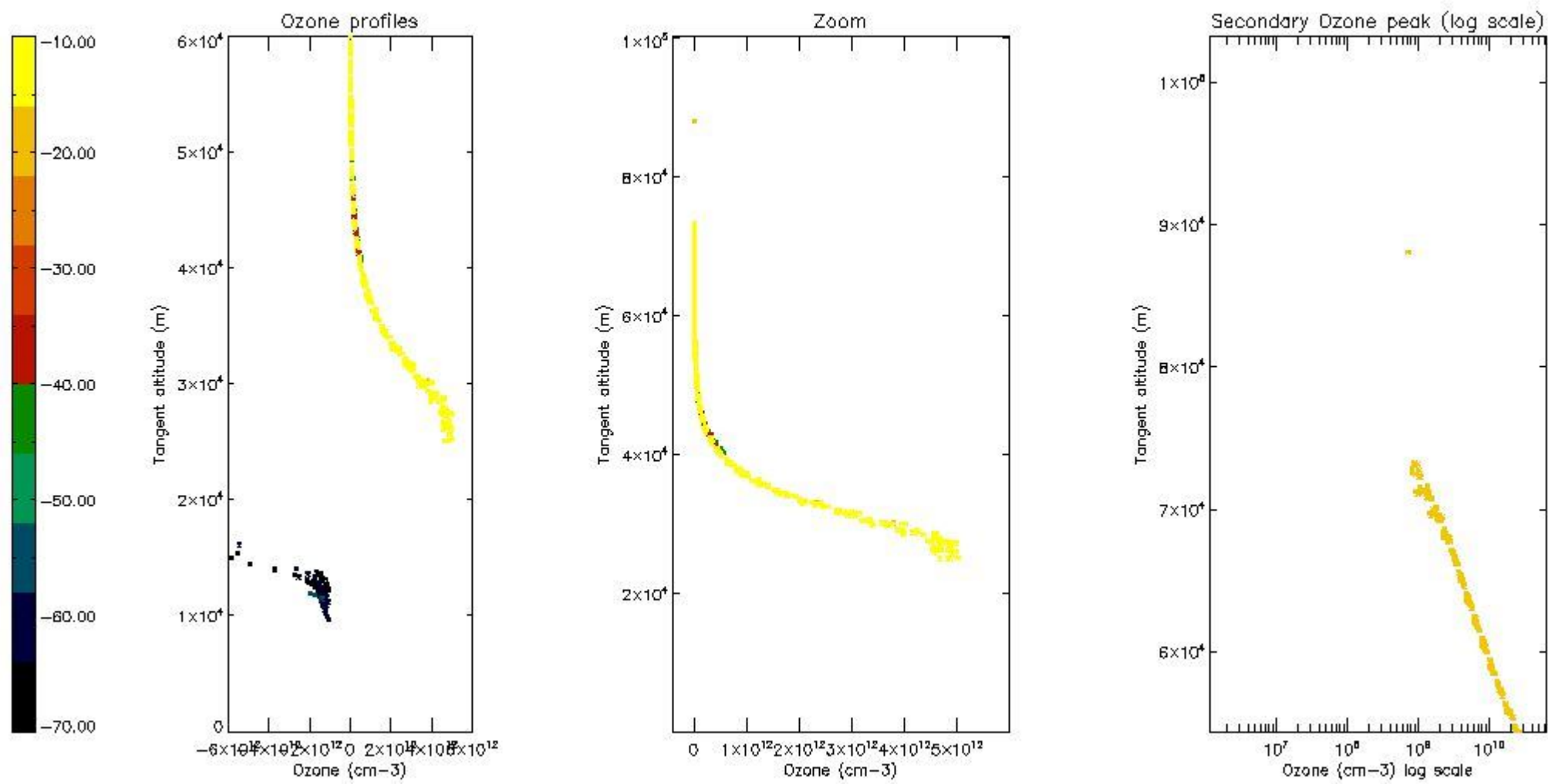
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



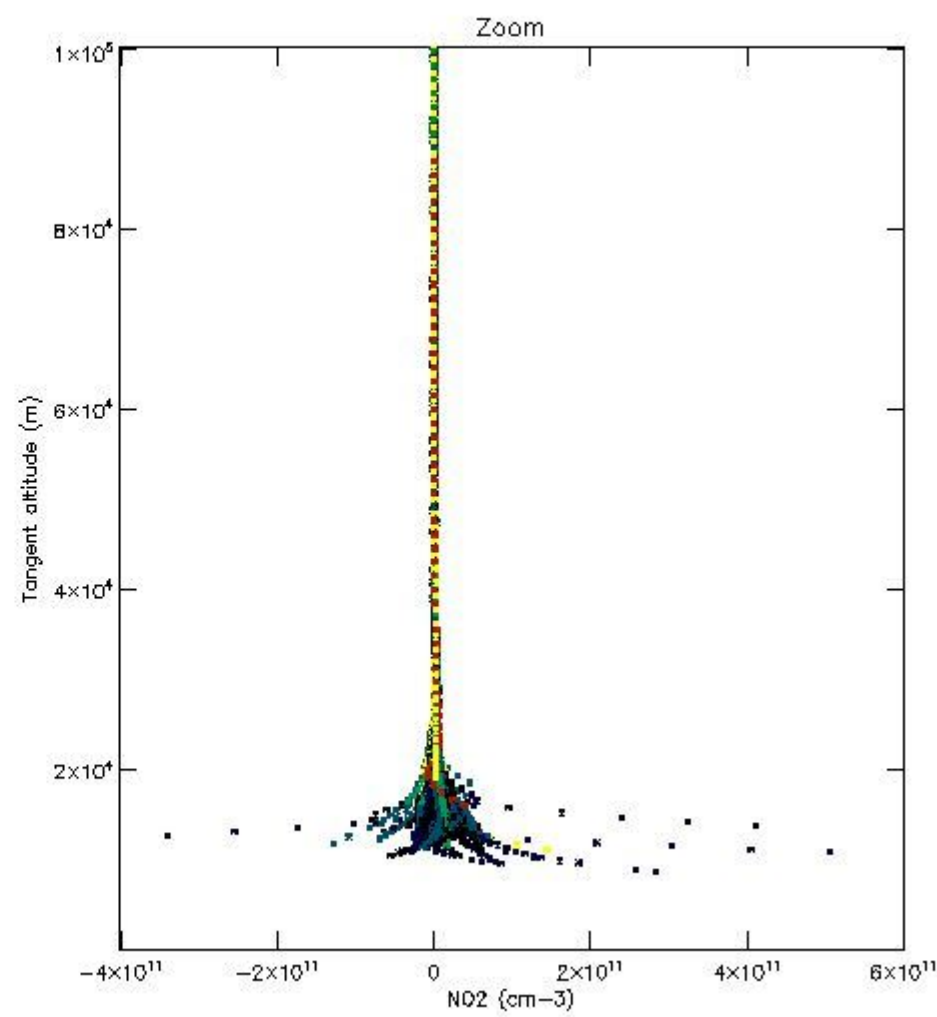
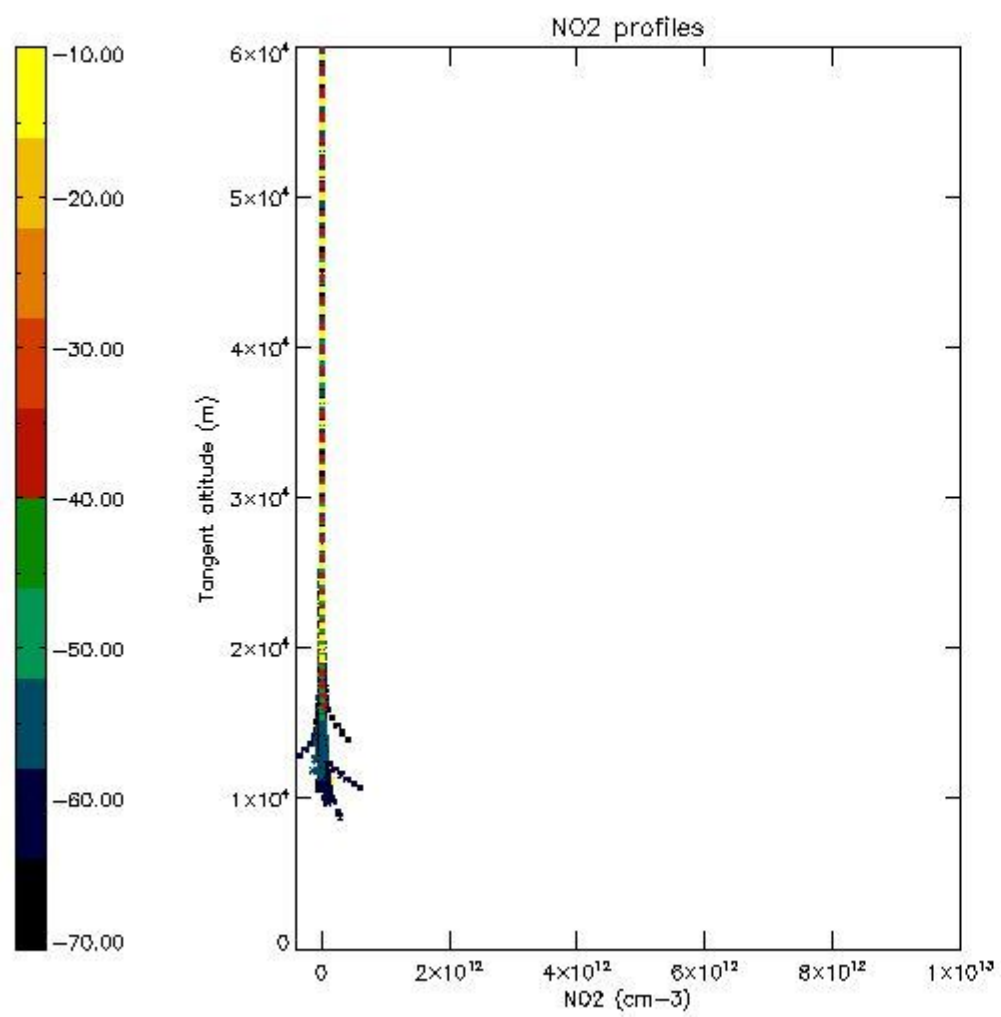
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



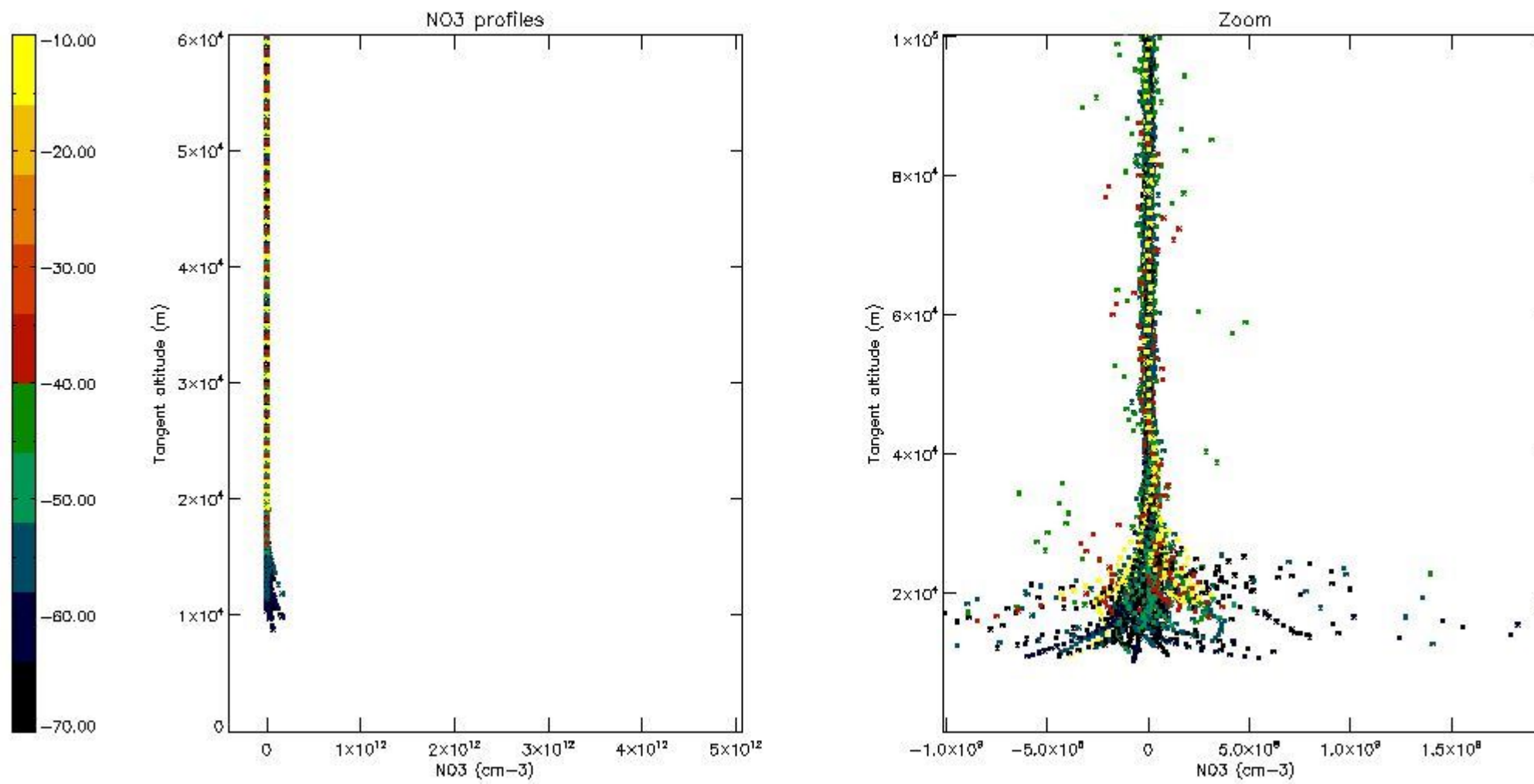
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

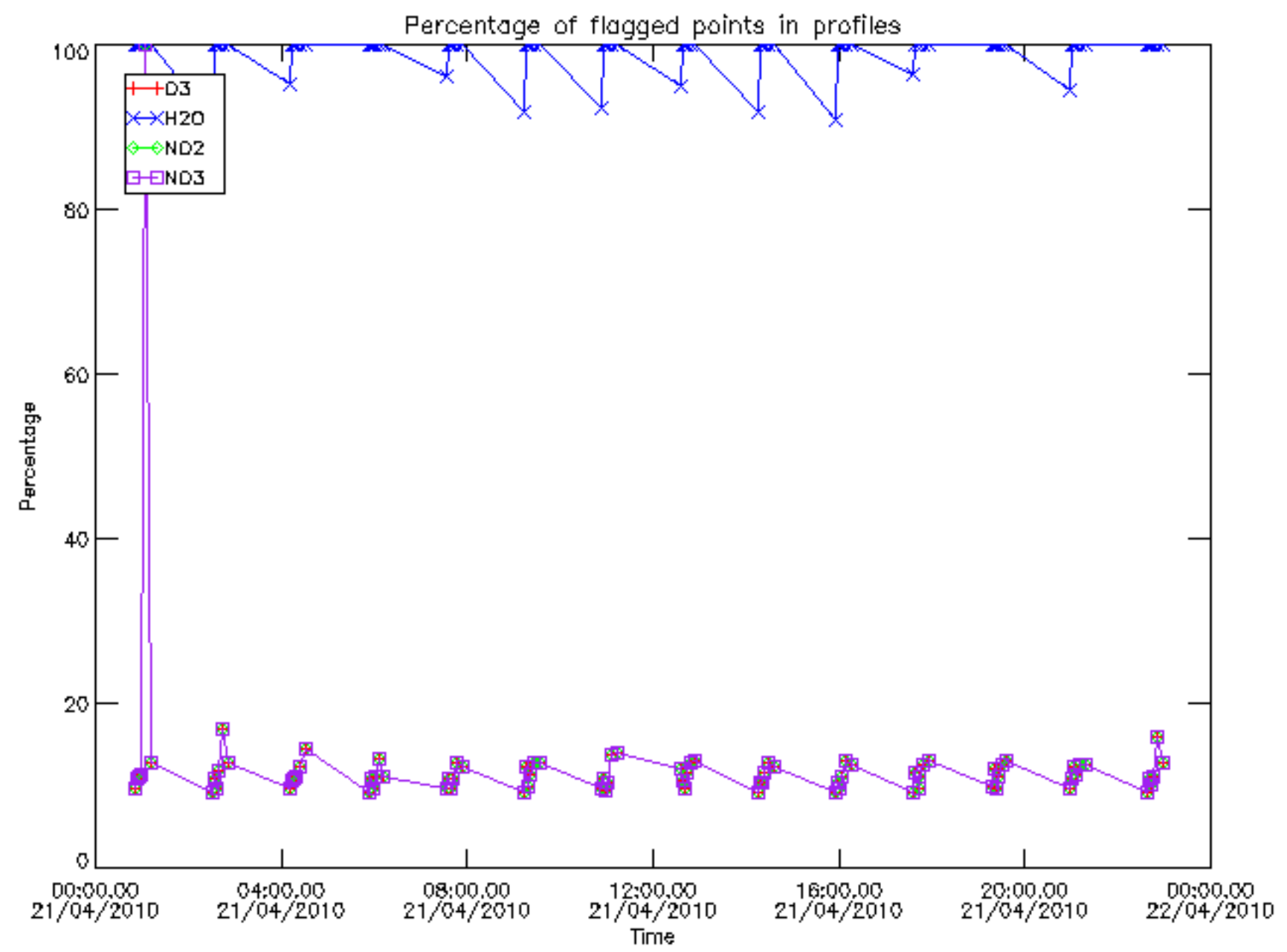
The colorbar represents the latitude.



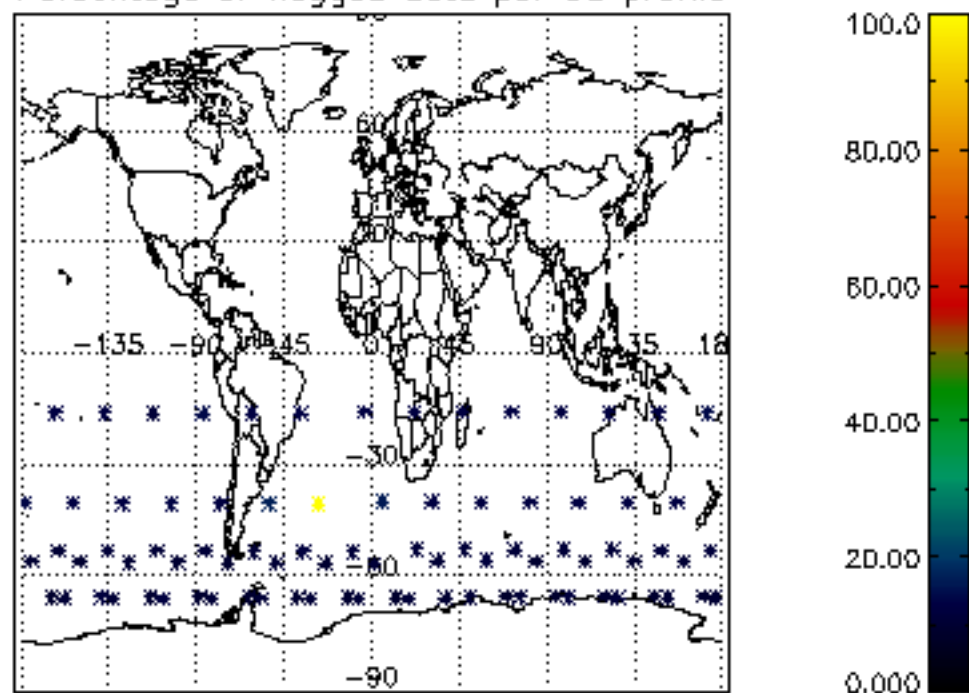
6. Auxiliary Data Files used for the production reported in section 2

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.

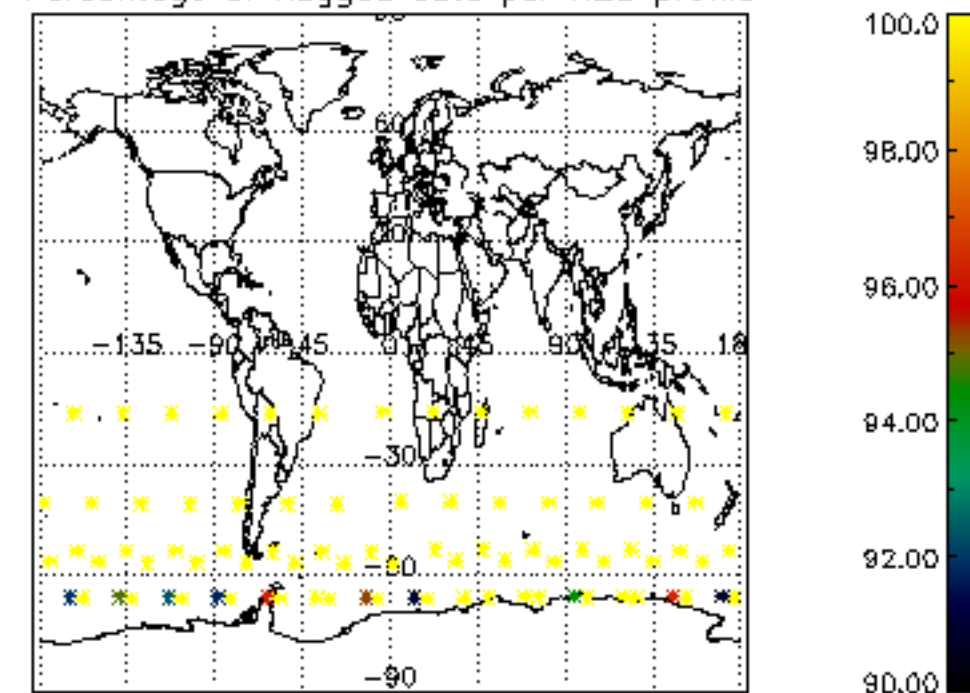
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-APR-2010 00:03:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-APR-2010 00:03:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-APR-2010 00:03:20



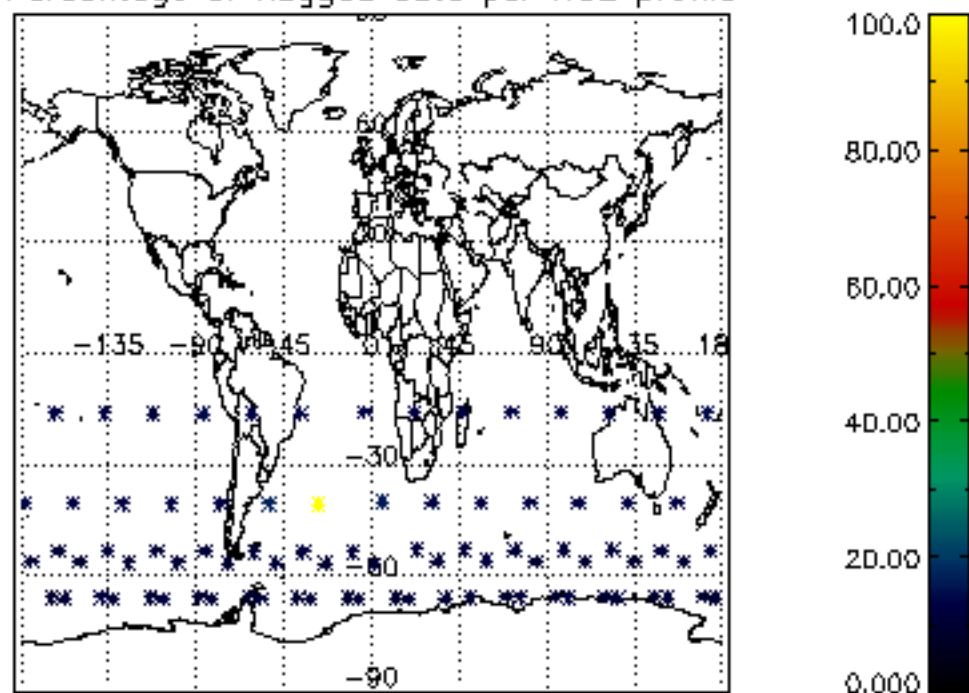
Percentage of flagged data per D3 profile



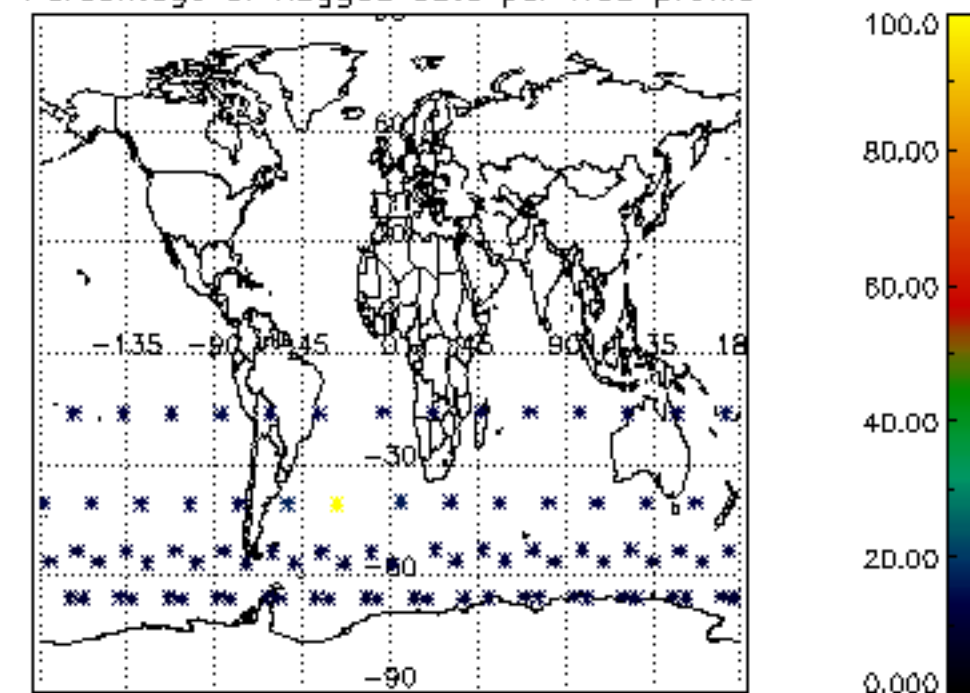
Percentage of flagged data per H2O profile

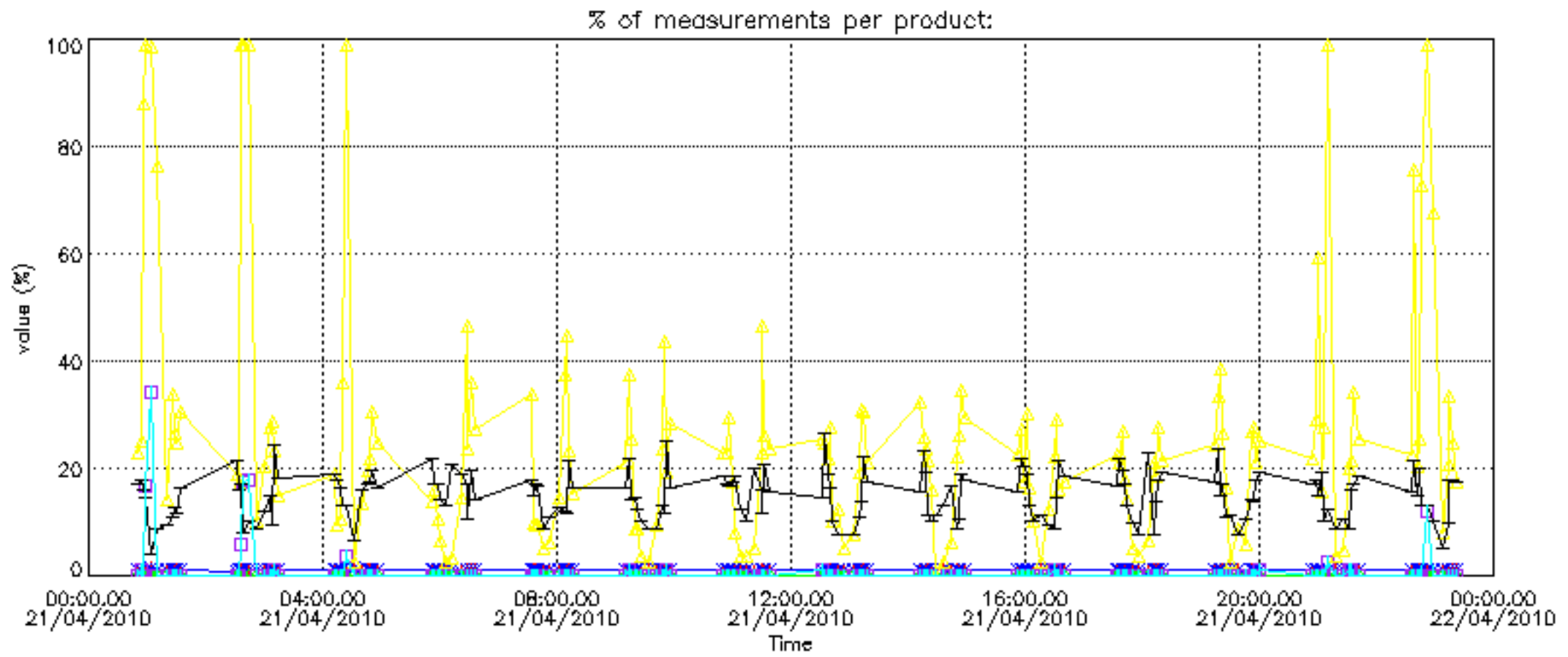


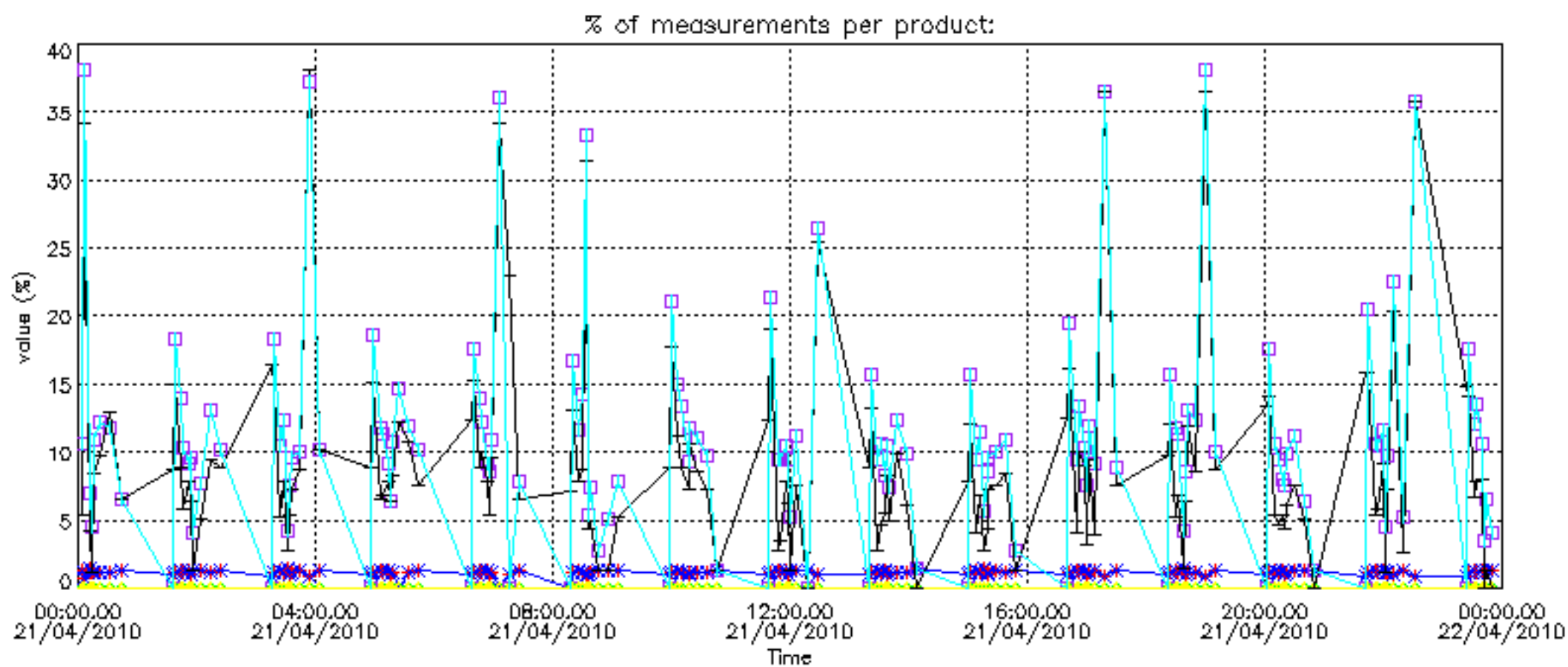
Percentage of flagged data per NO2 profile



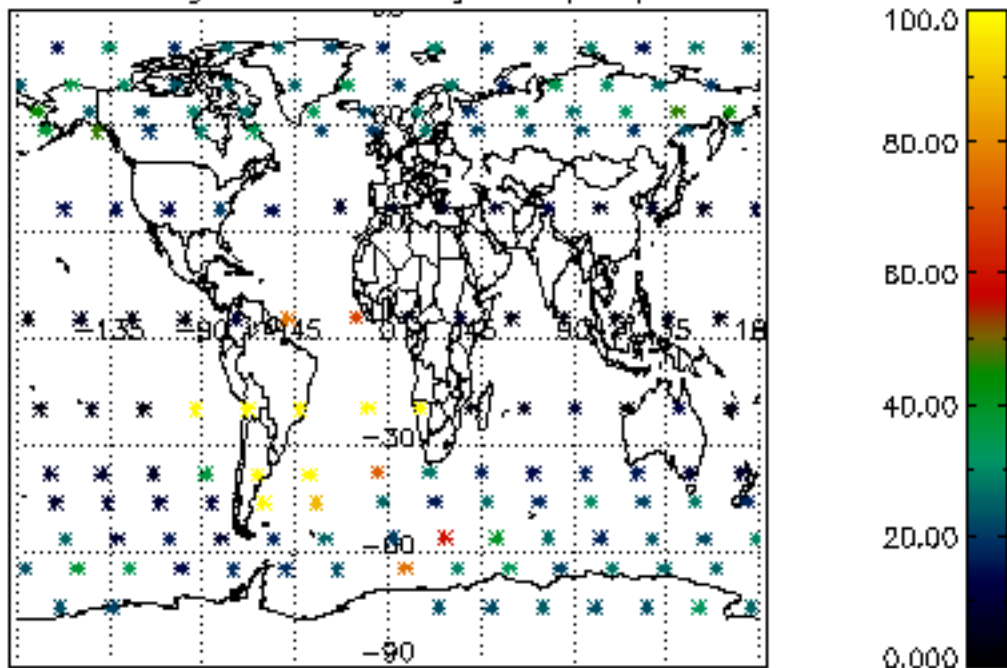
Percentage of flagged data per NO3 profile



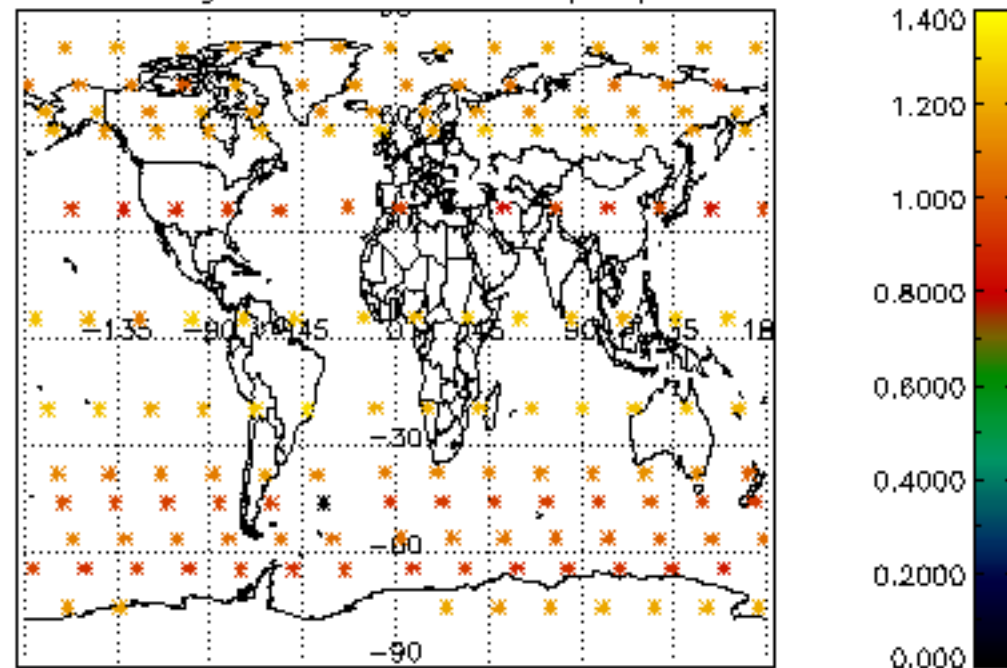




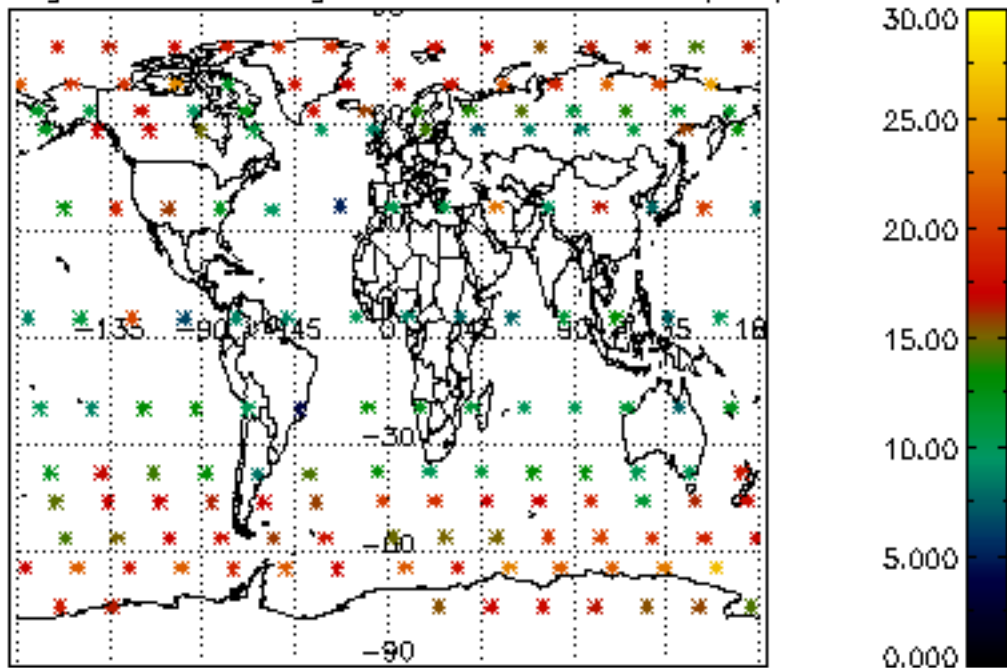
Percentage of cosmic ray hits per profile



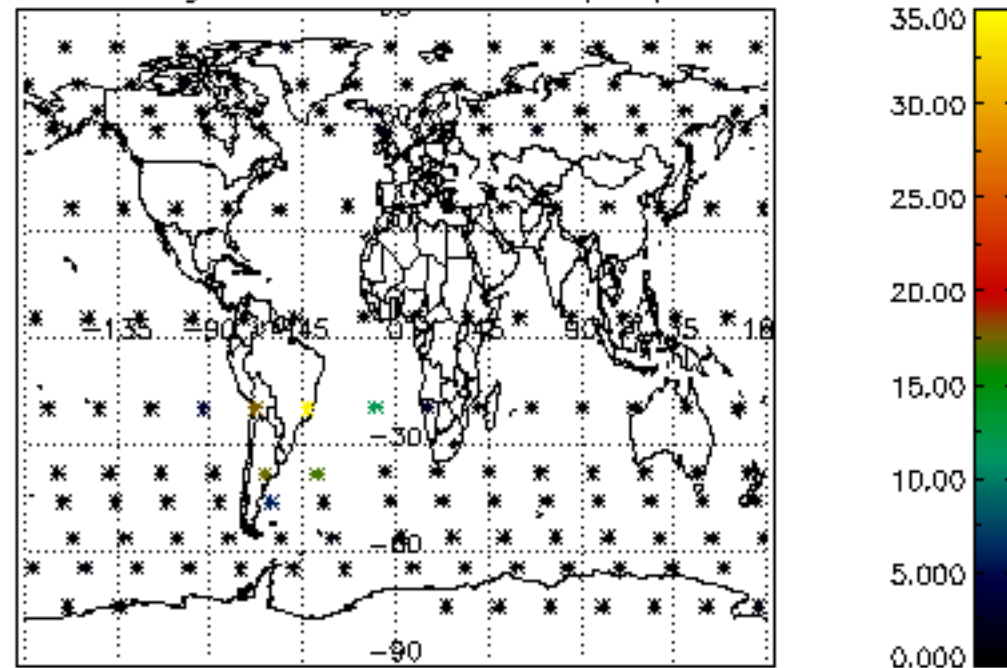
Percentage of datation errors per profile



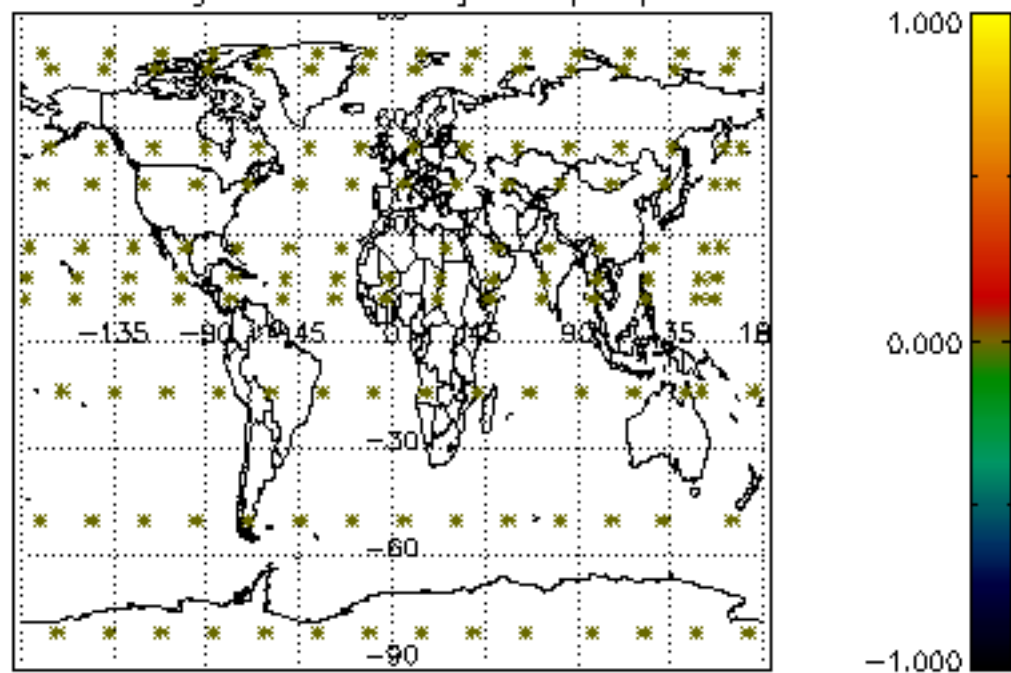
Percentage of star falling outside central band per profile



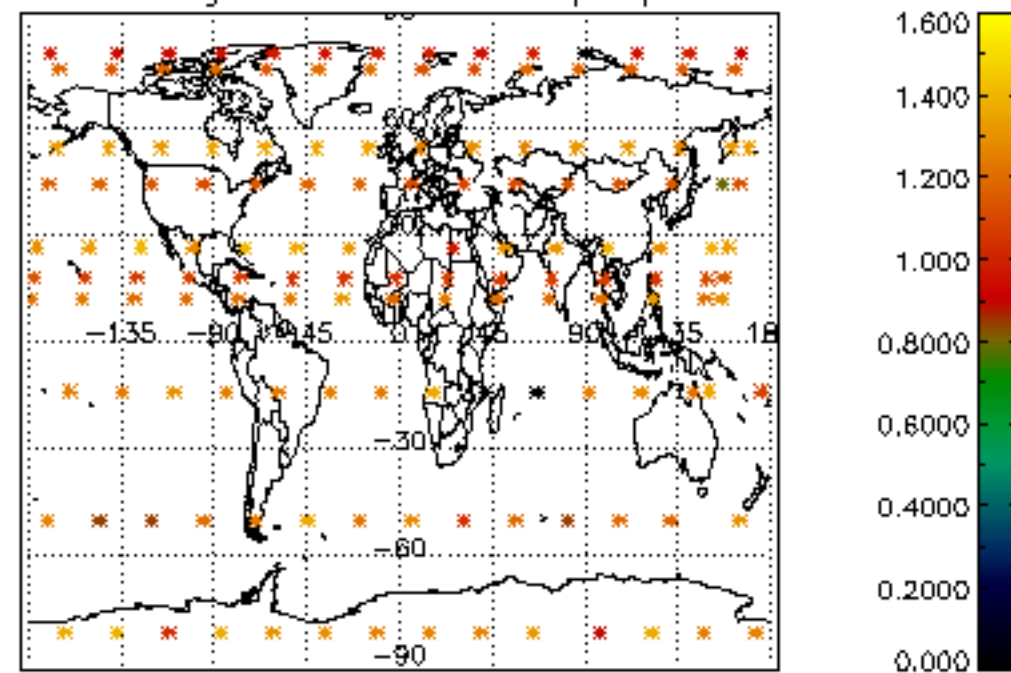
Percentage of saturation errors per profile



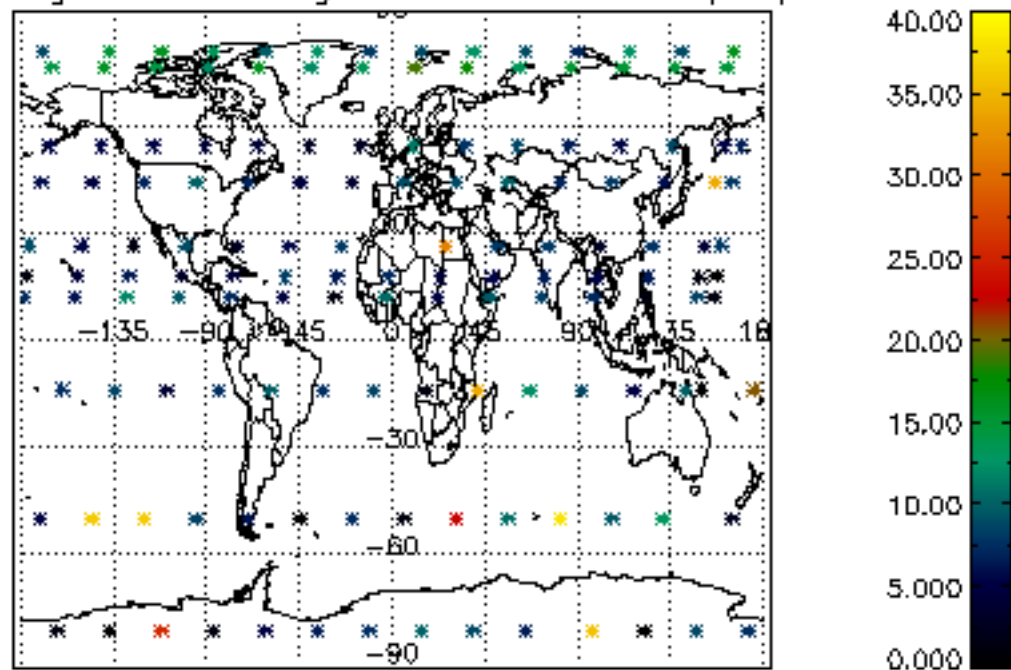
Percentage of cosmic ray hits per profile



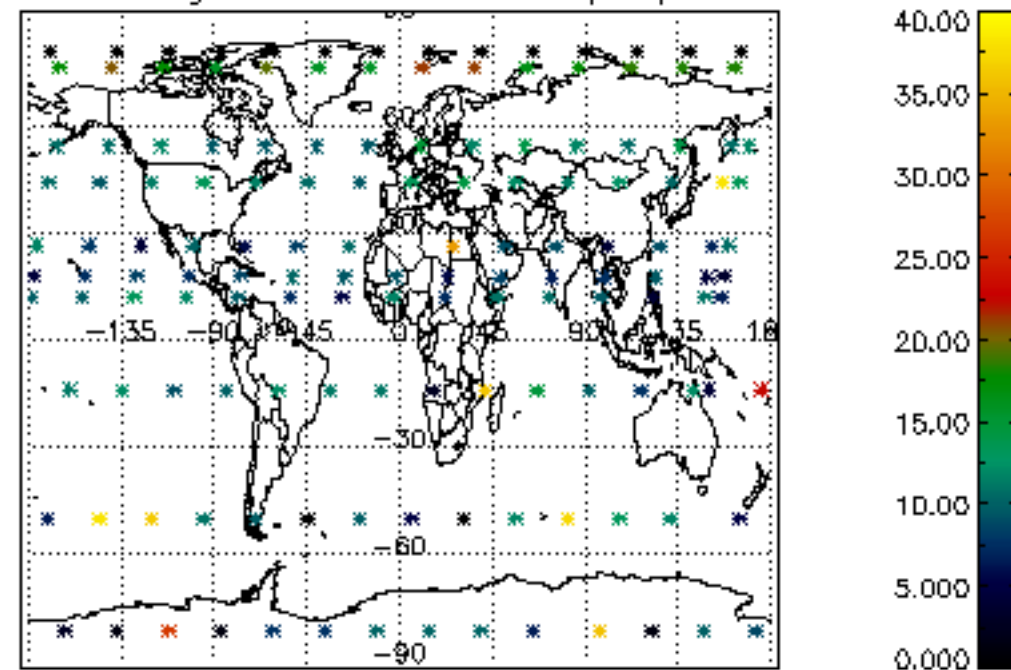
Percentage of datation errors per profile

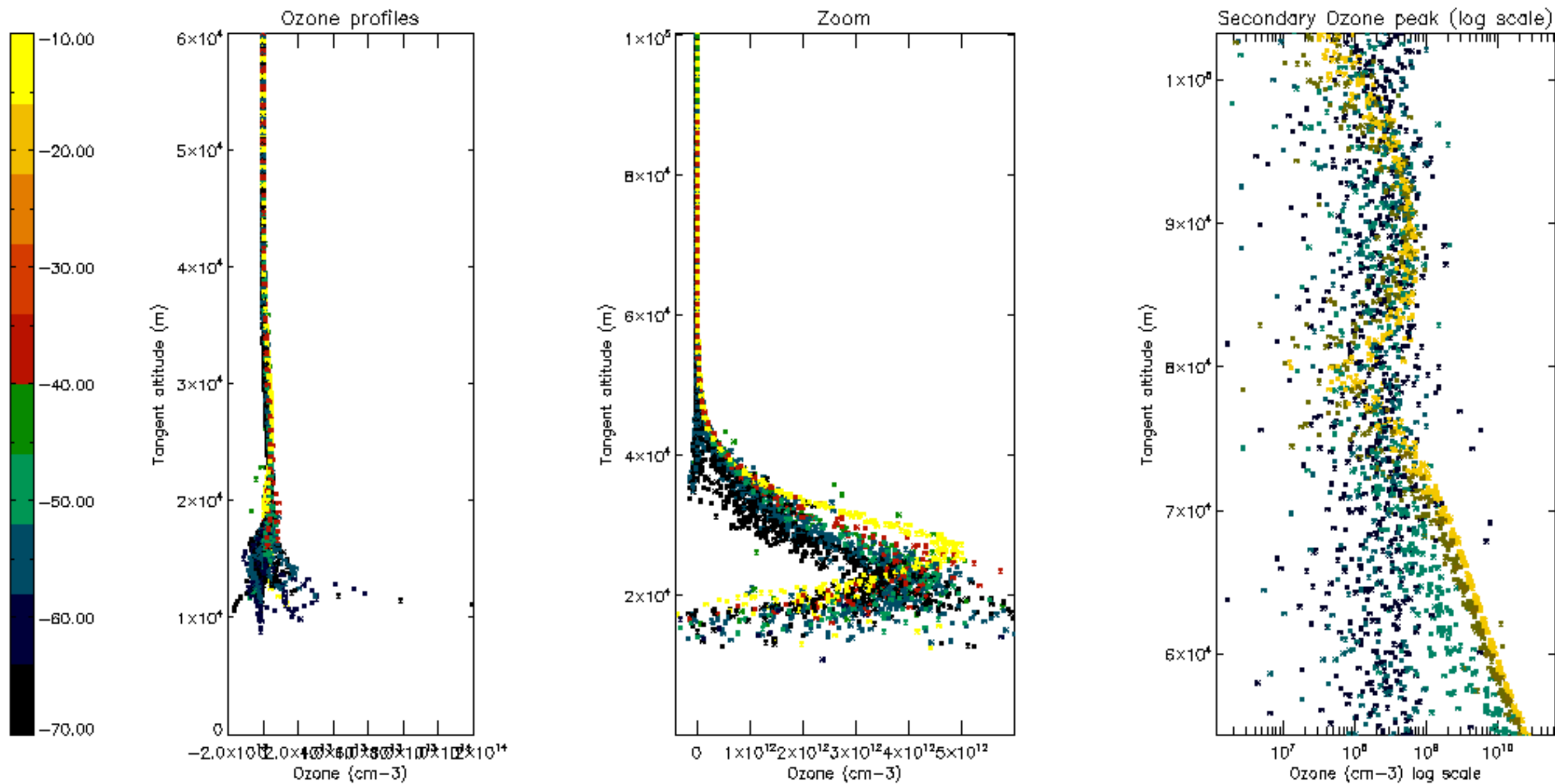


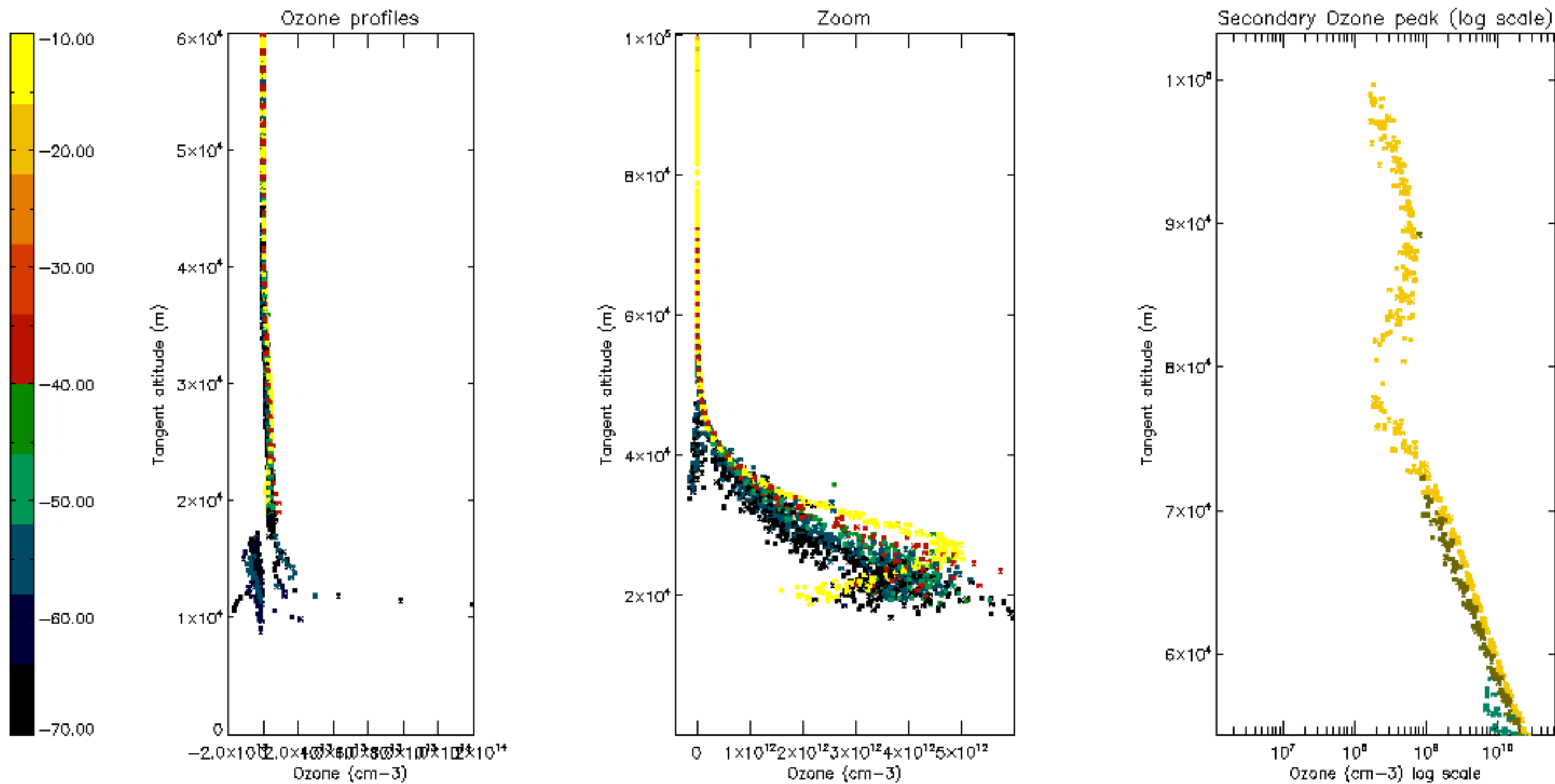
Percentage of star falling outside central band per profile

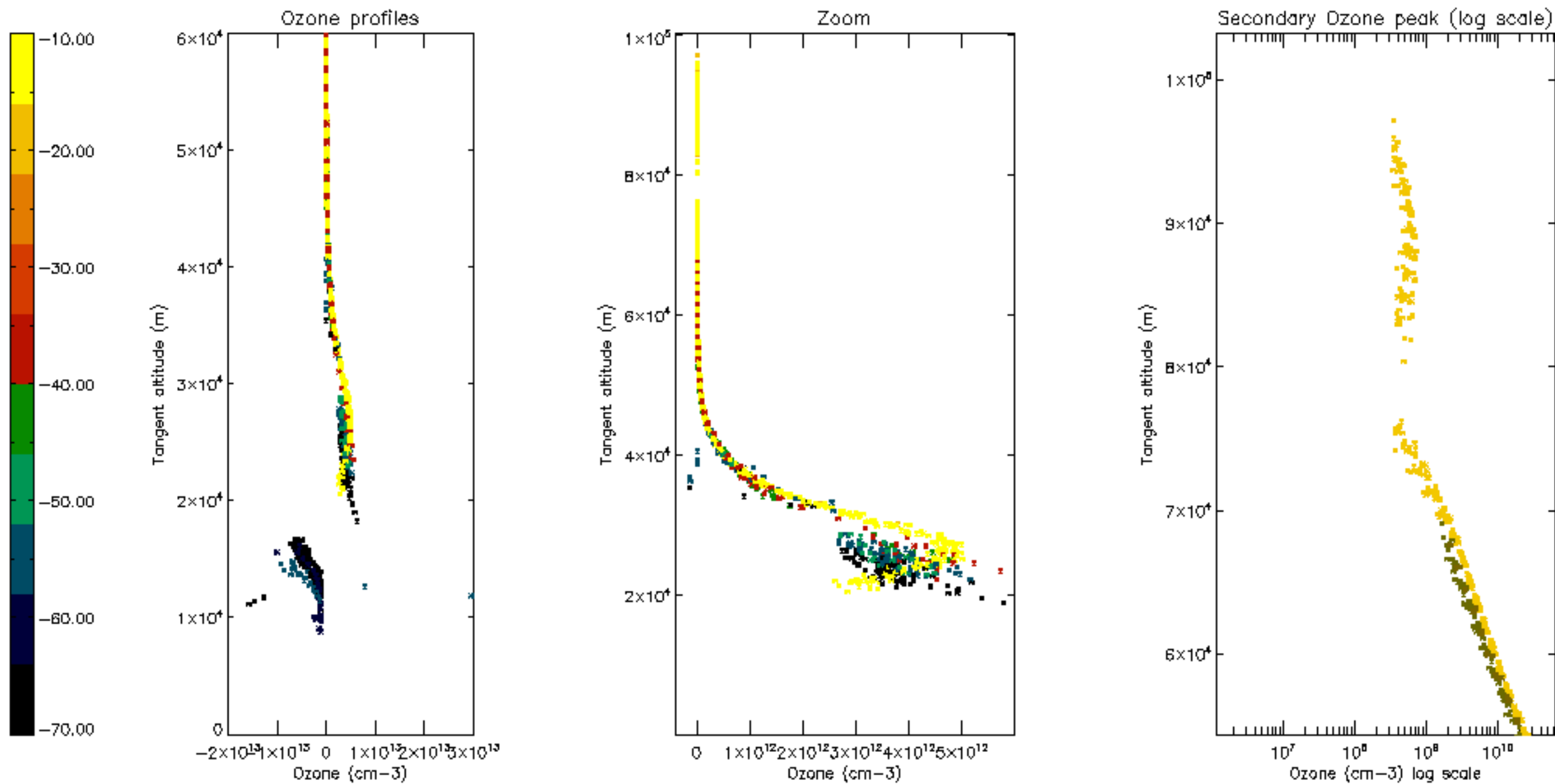


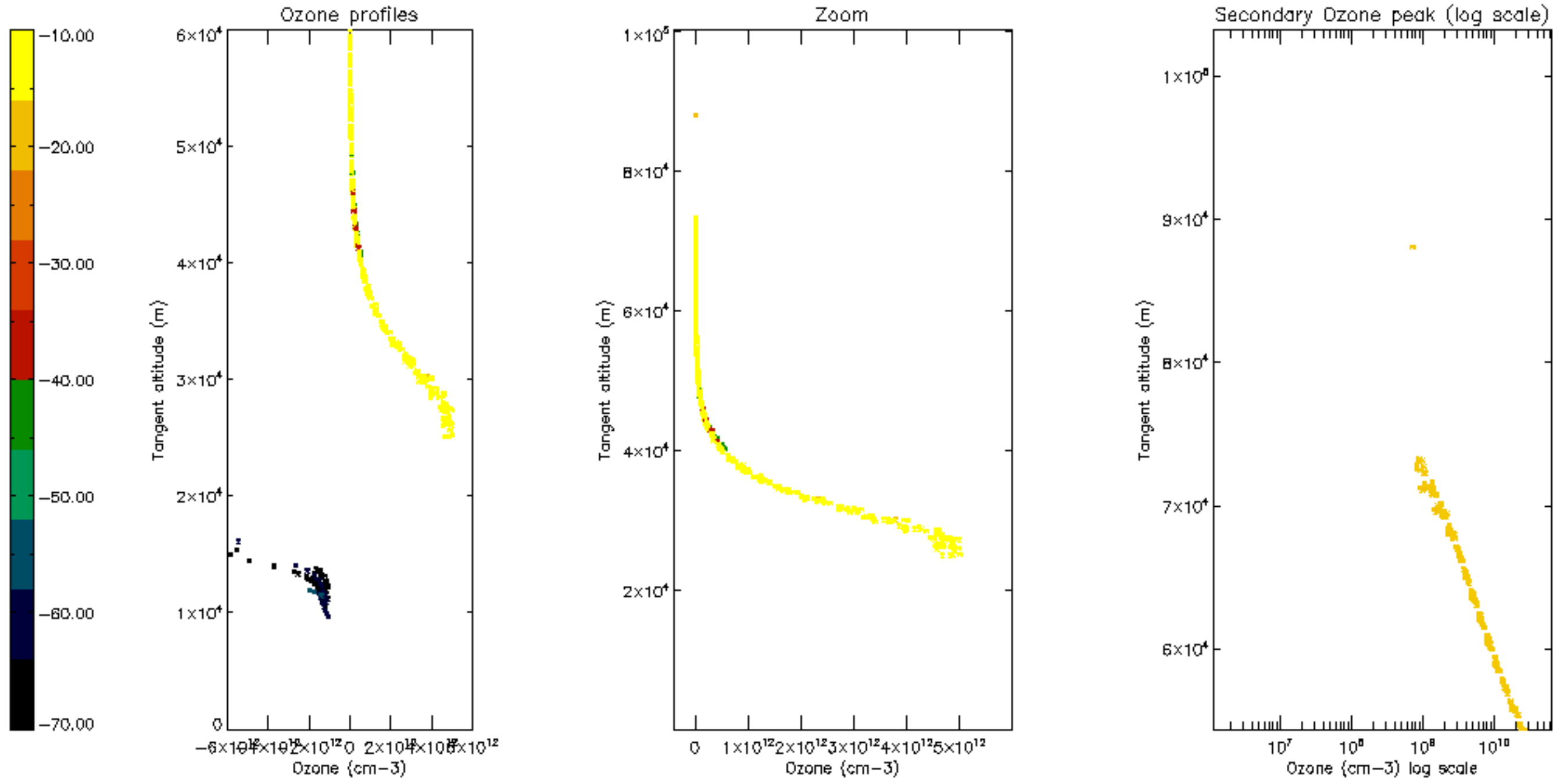
Percentage of saturation errors per profile

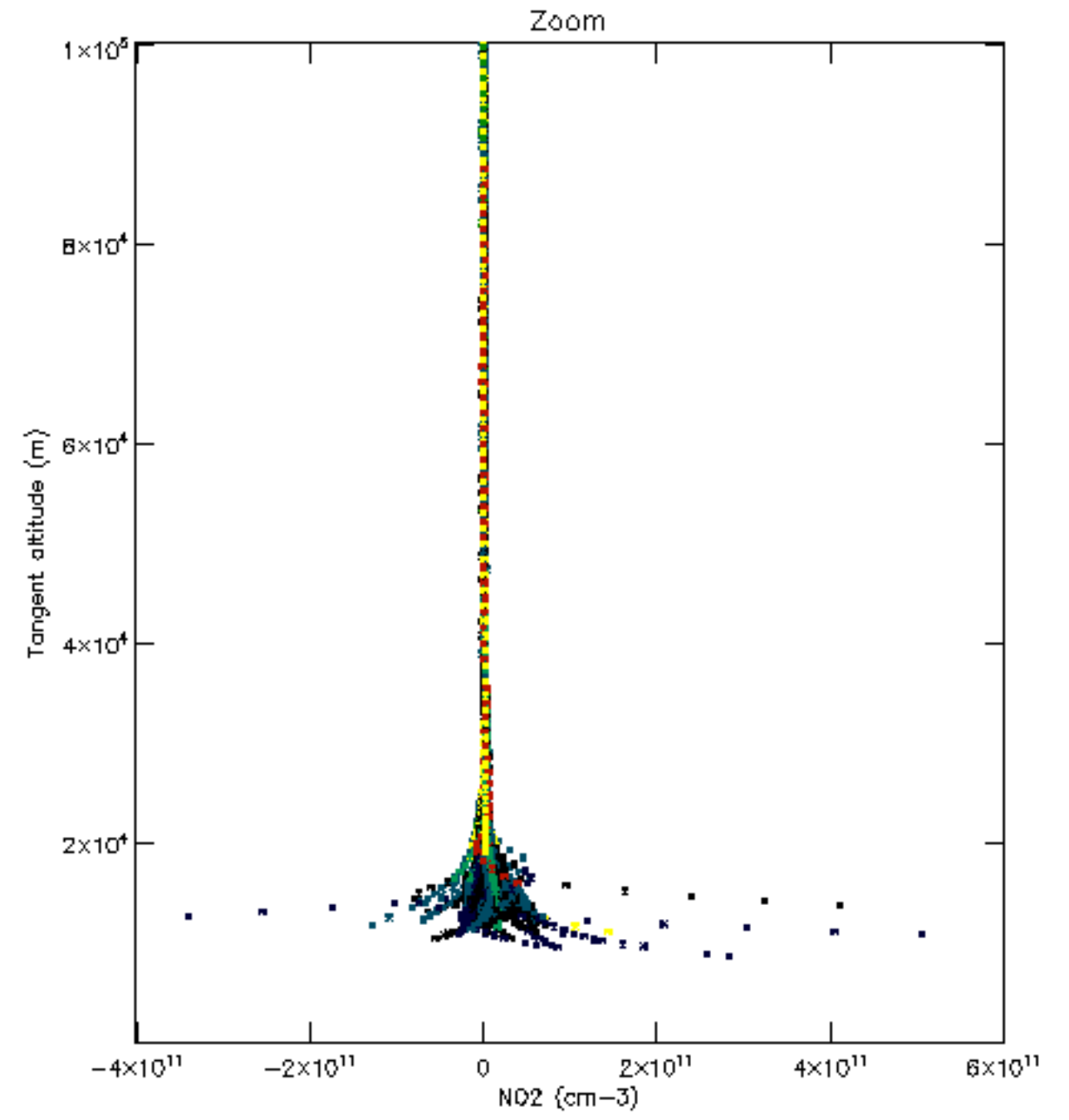
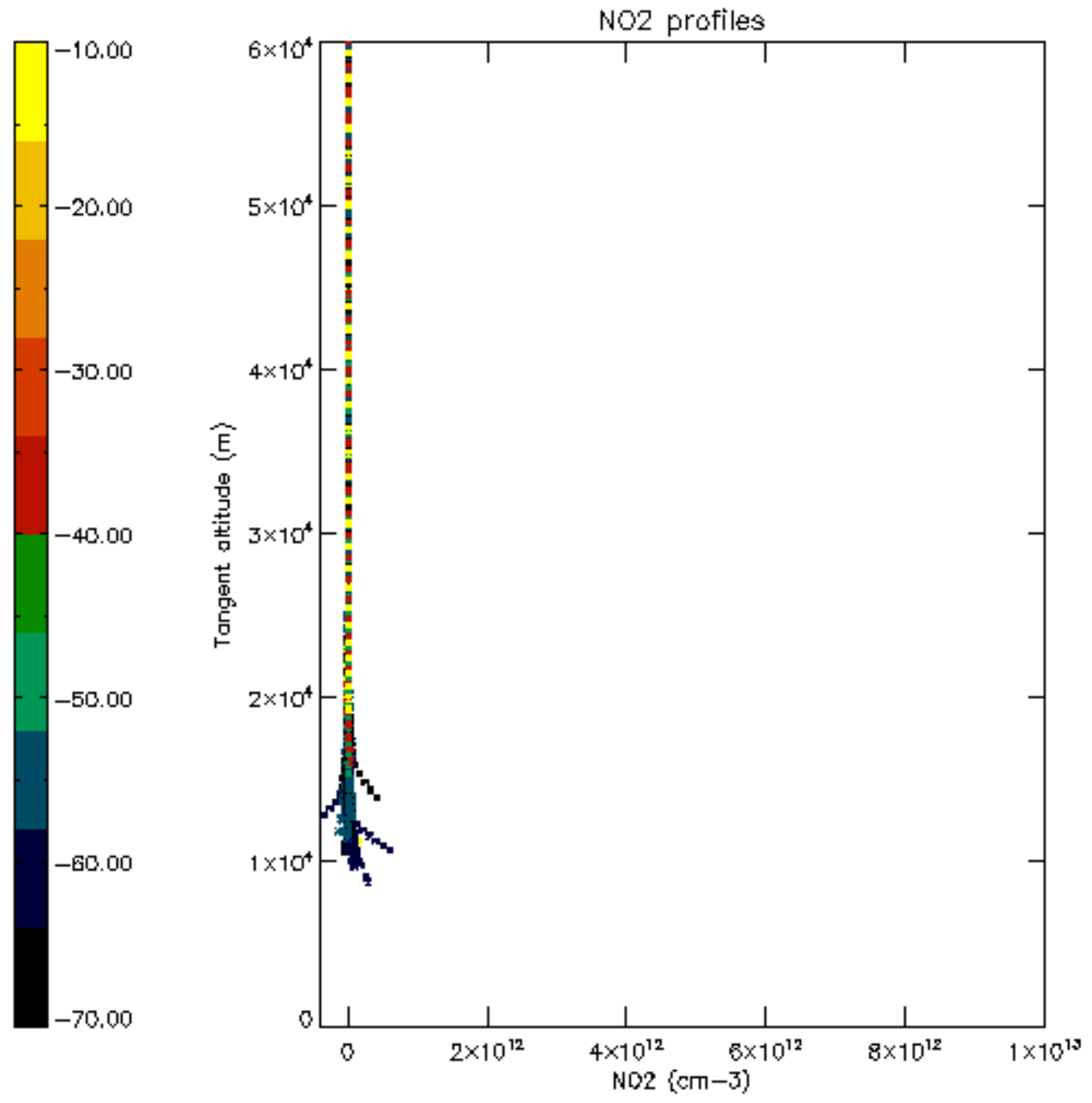


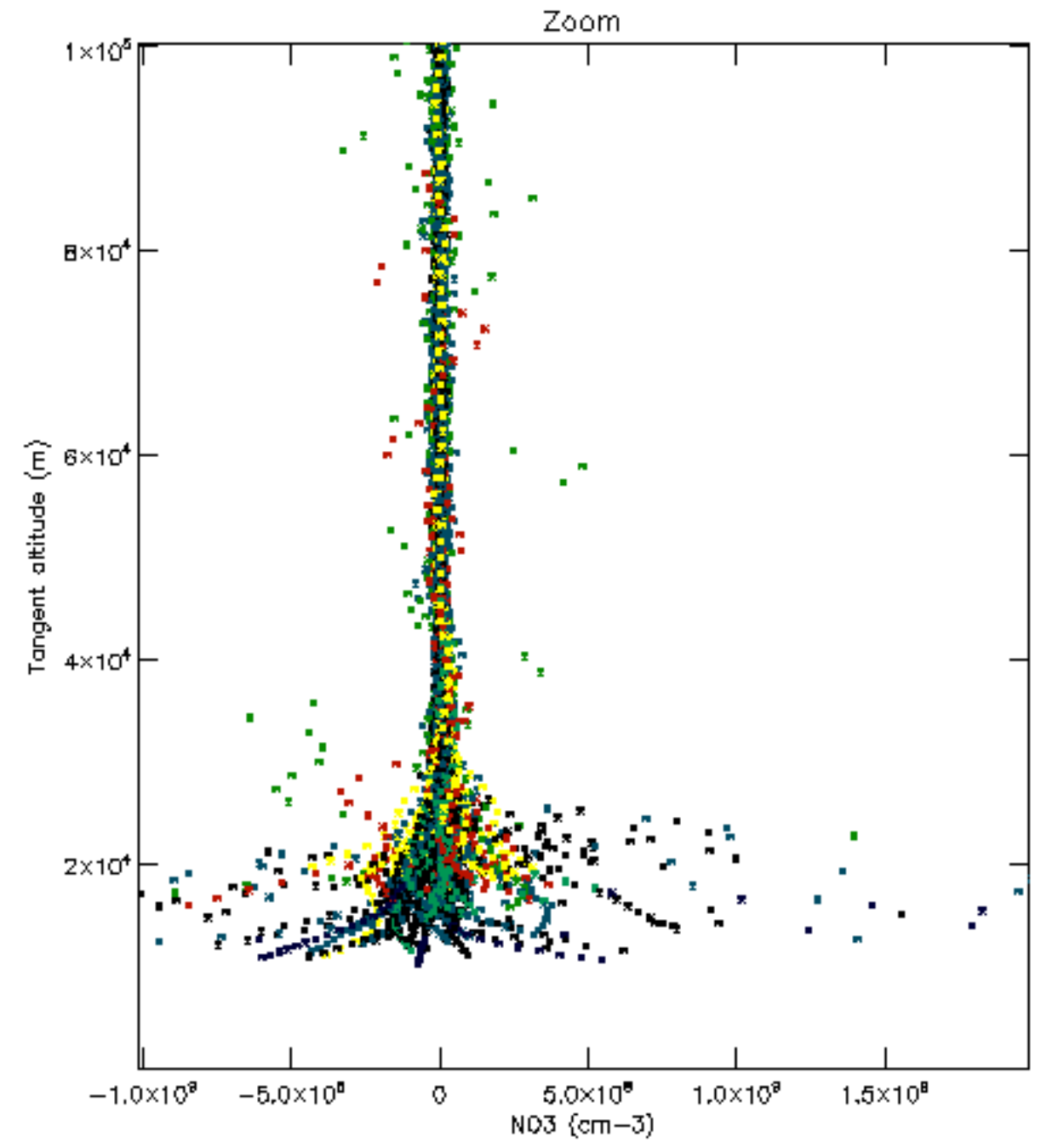
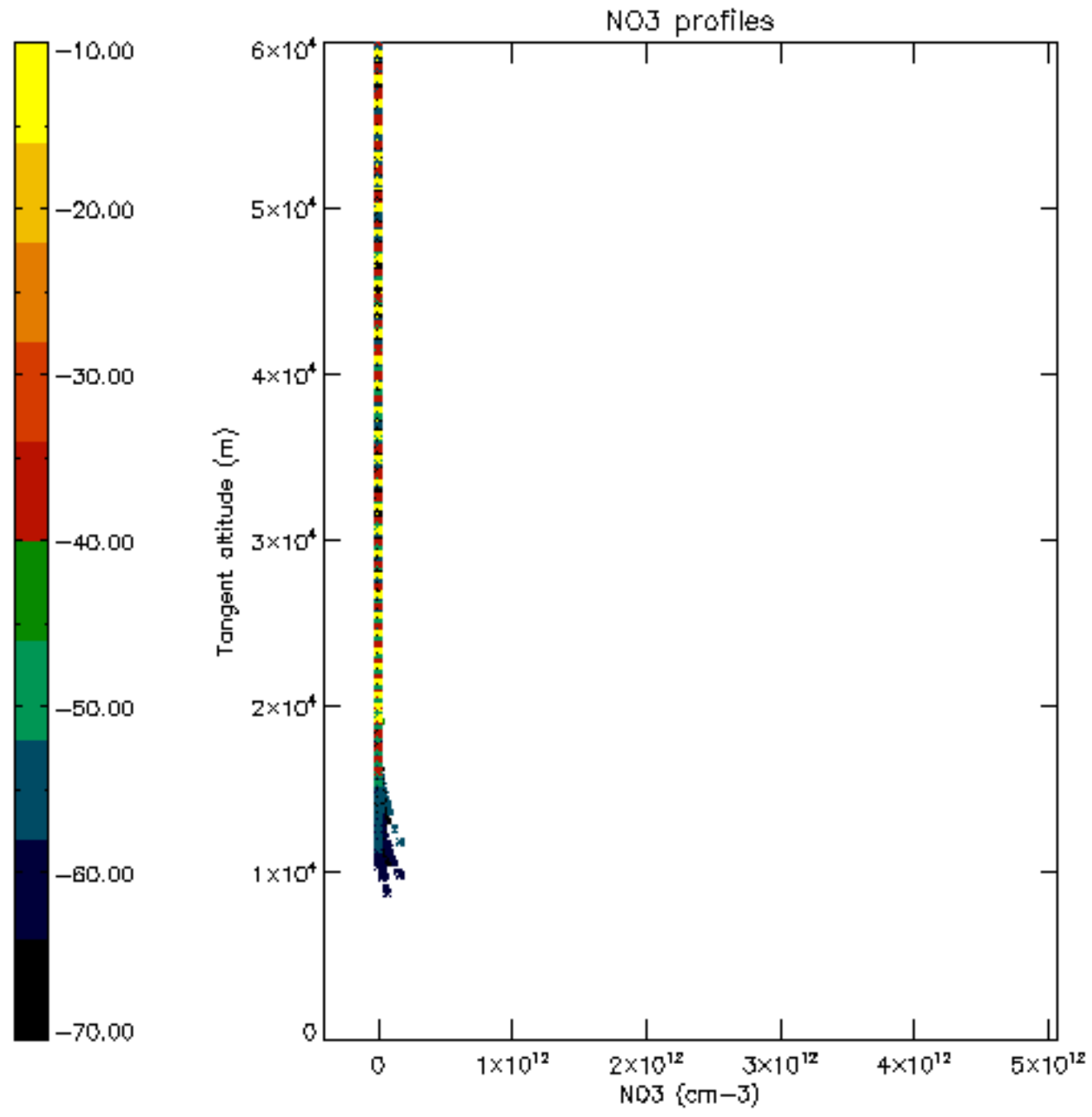


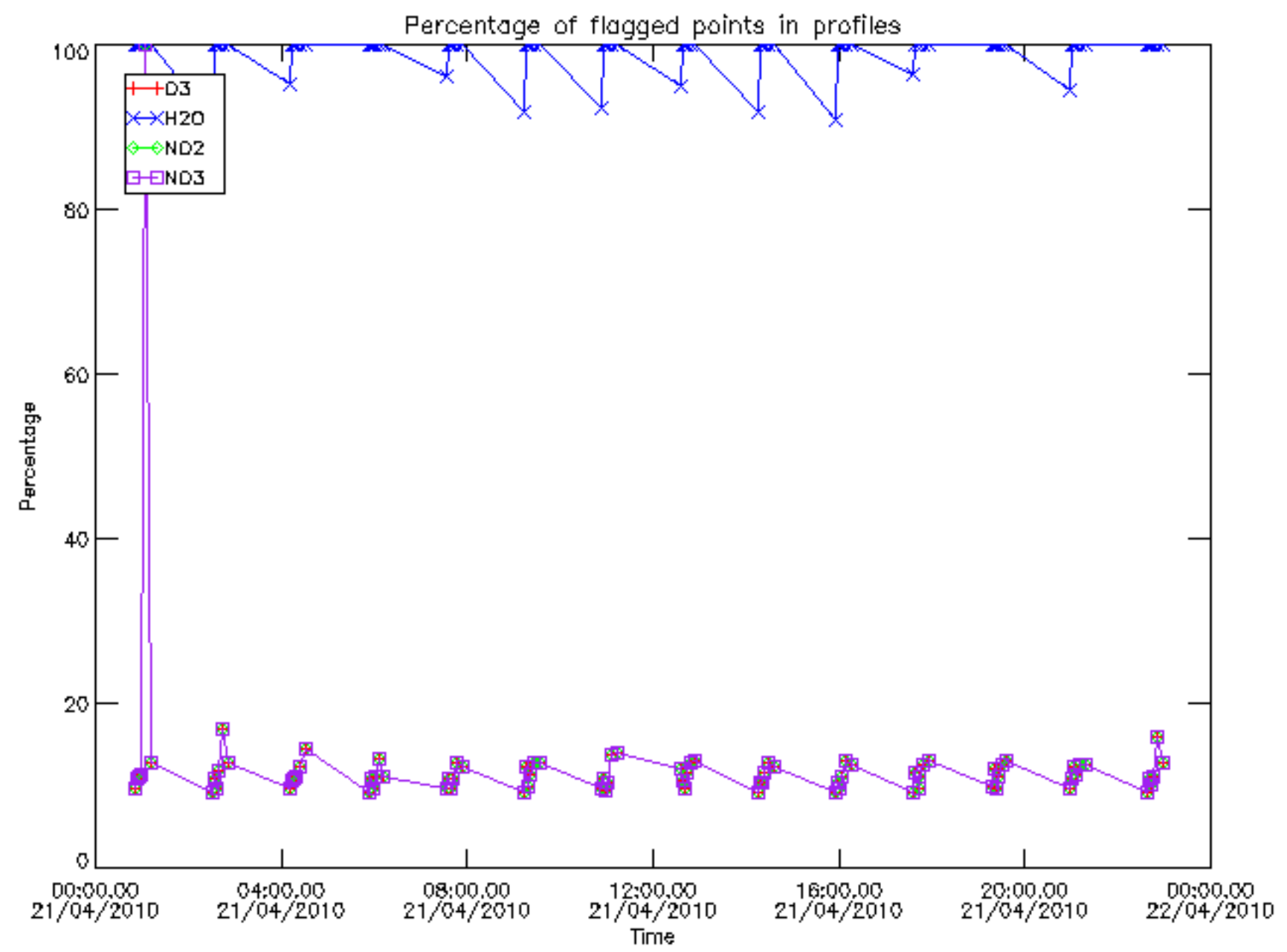




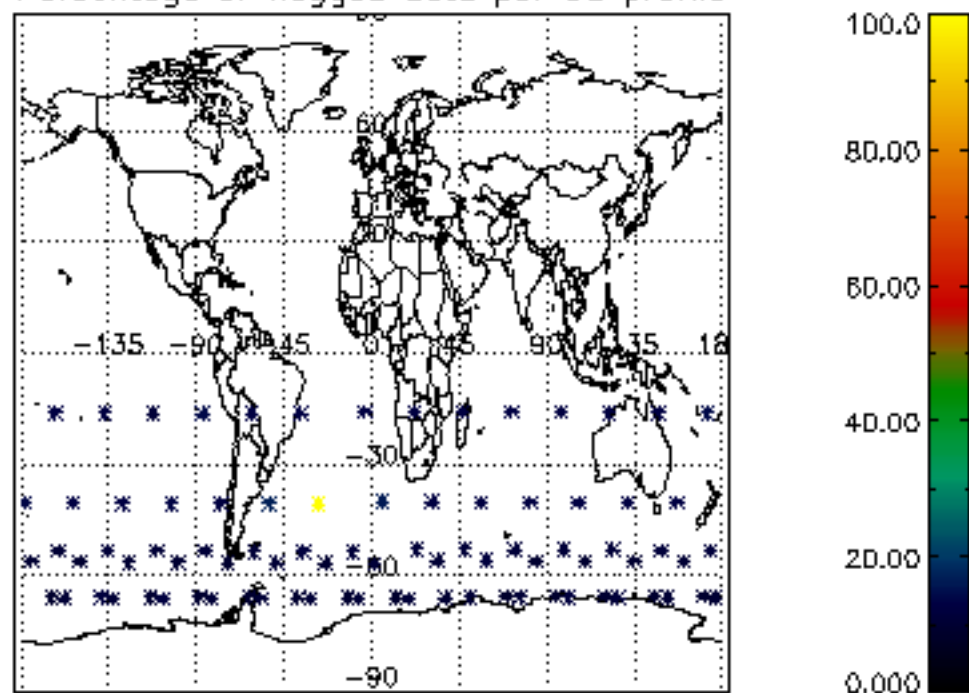




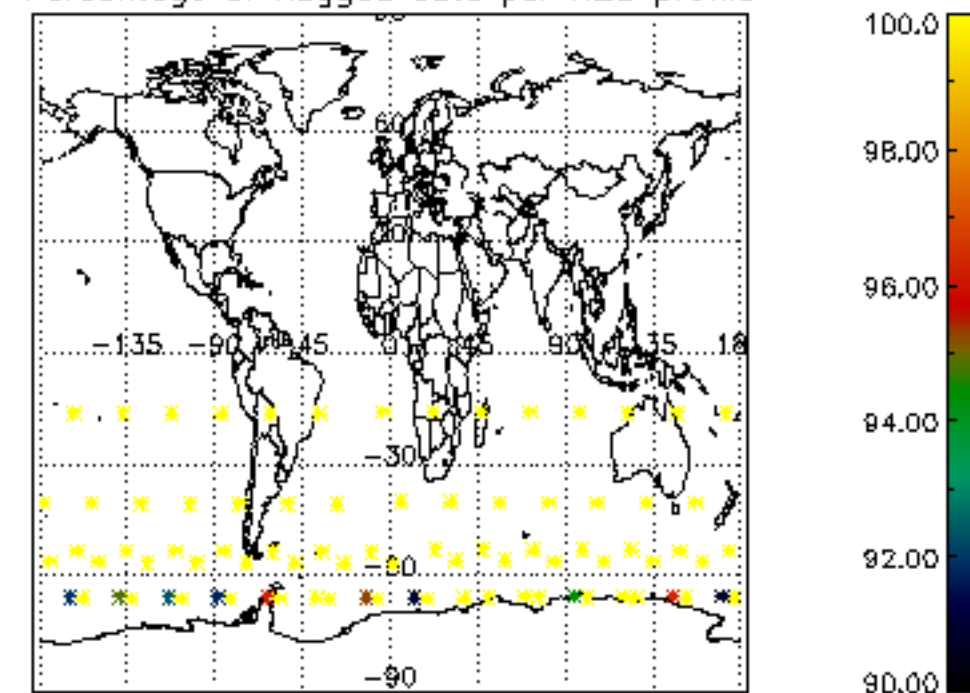




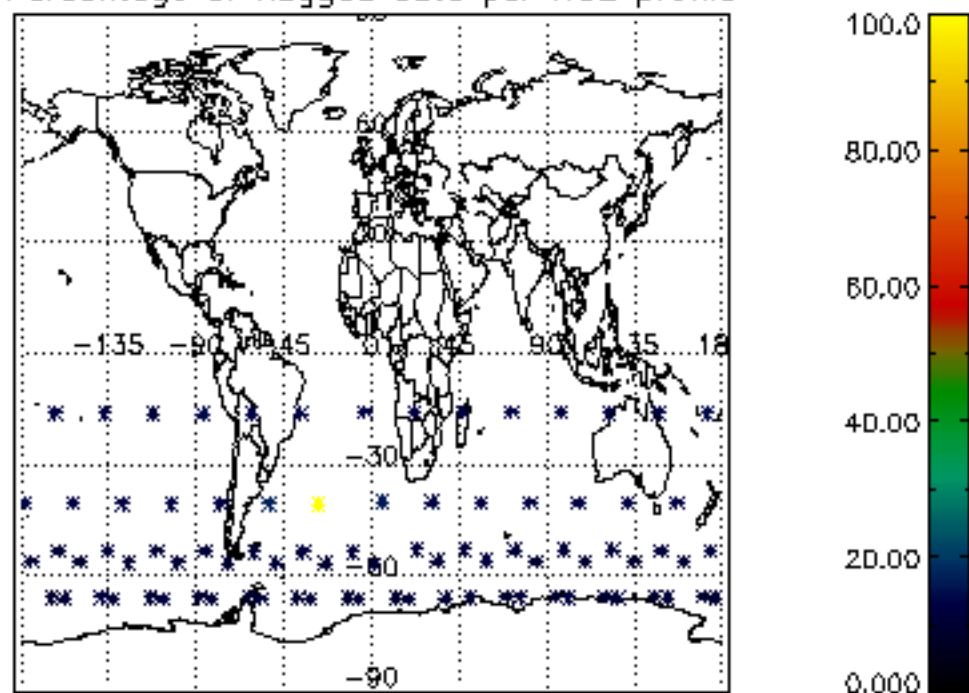
Percentage of flagged data per D3 profile



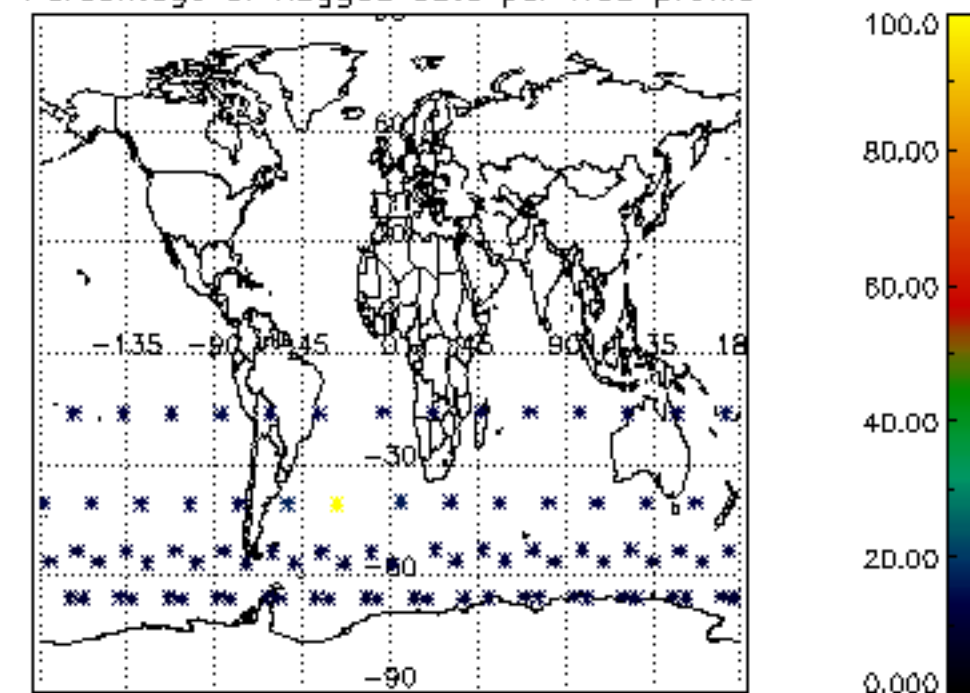
Percentage of flagged data per H2O profile

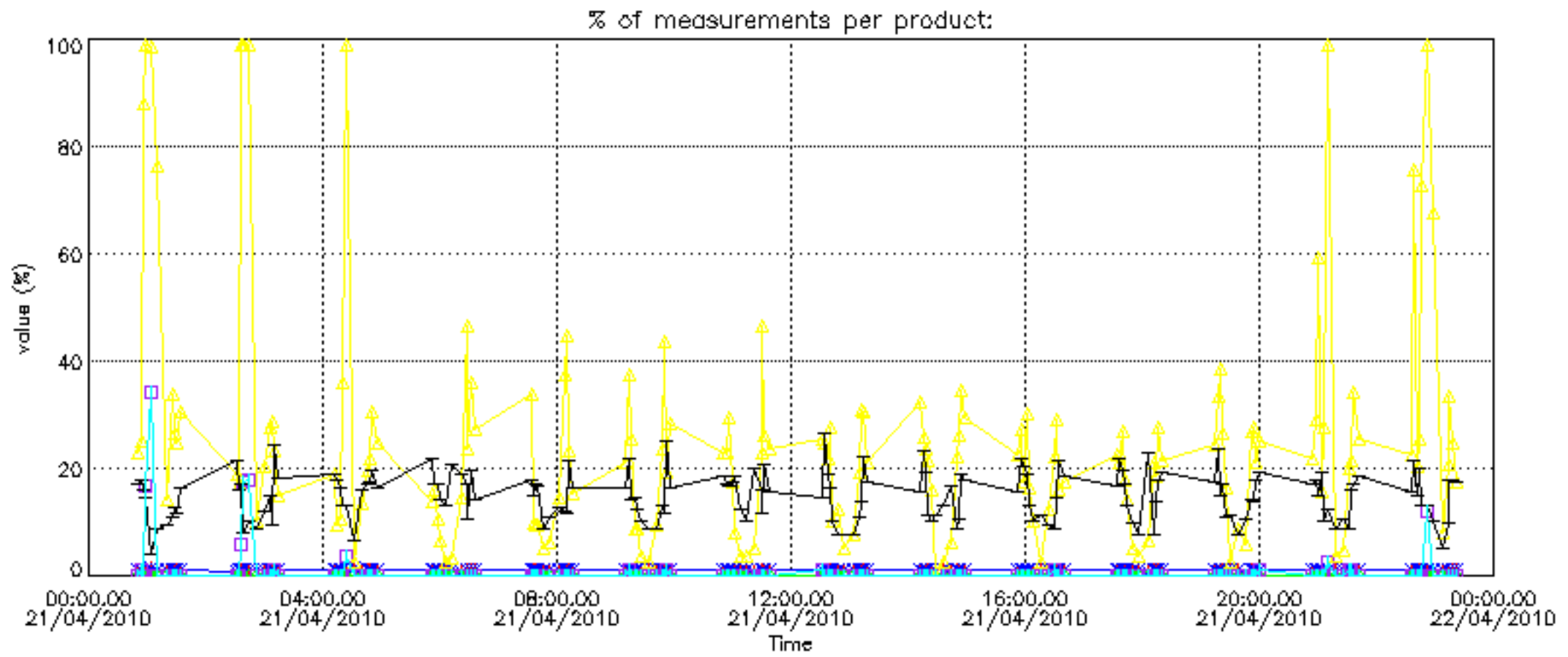


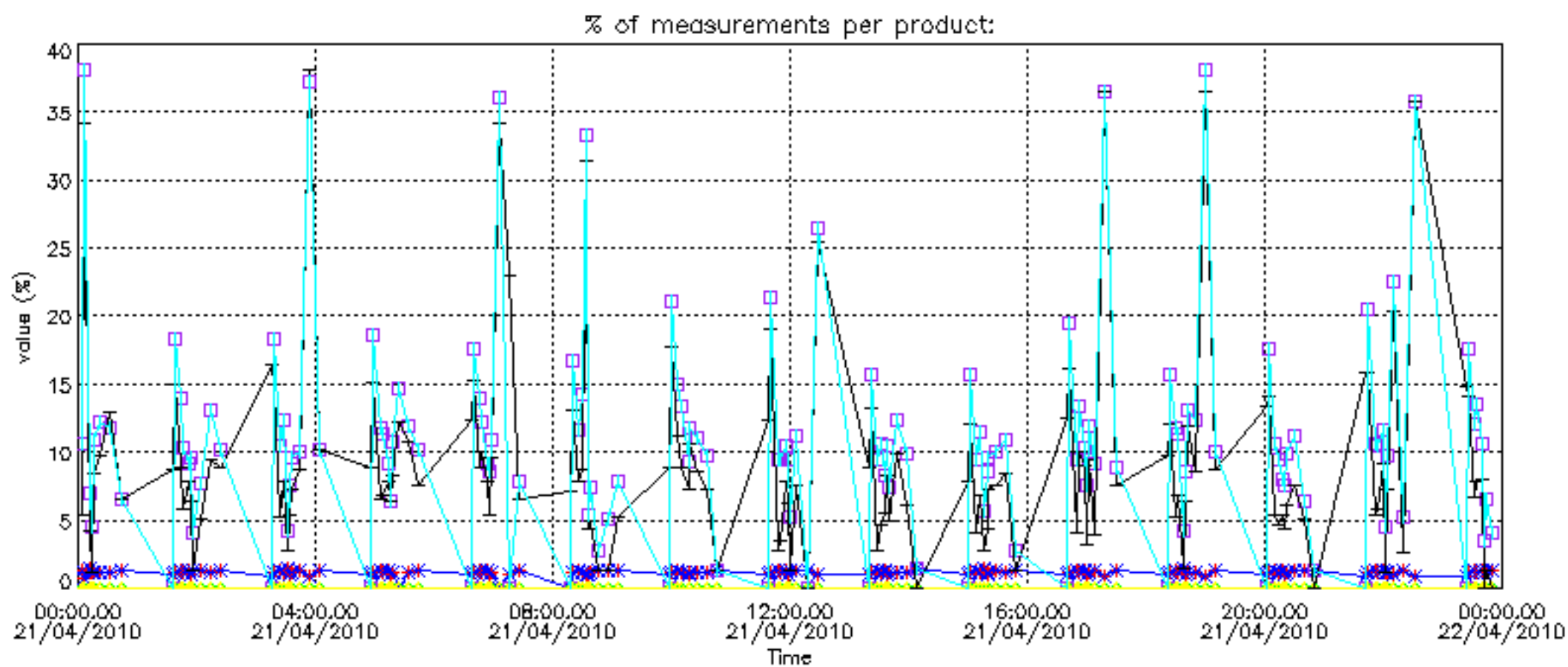
Percentage of flagged data per NO2 profile



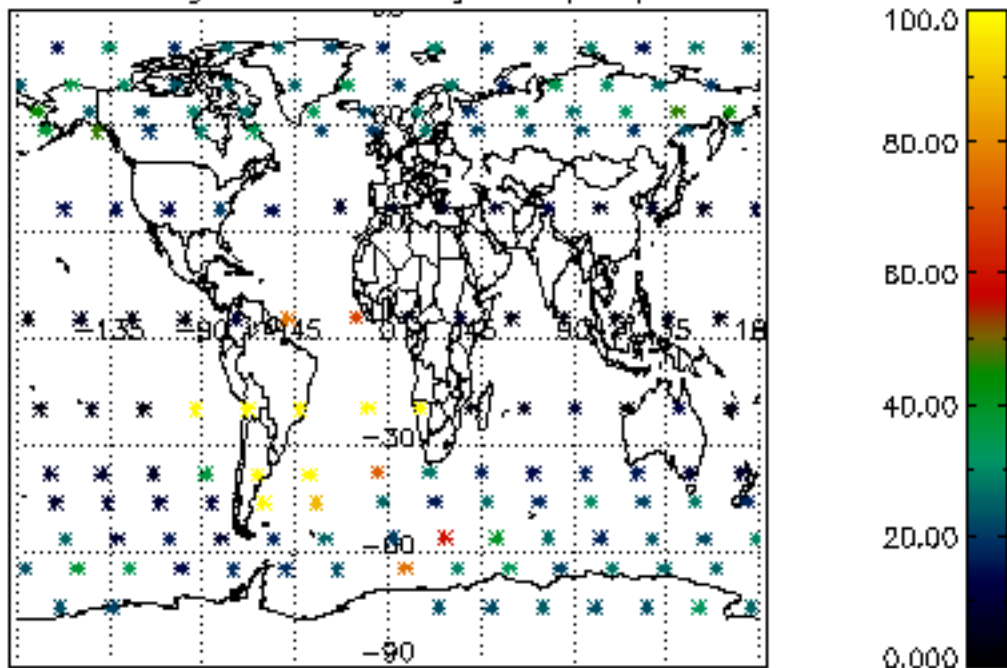
Percentage of flagged data per NO3 profile



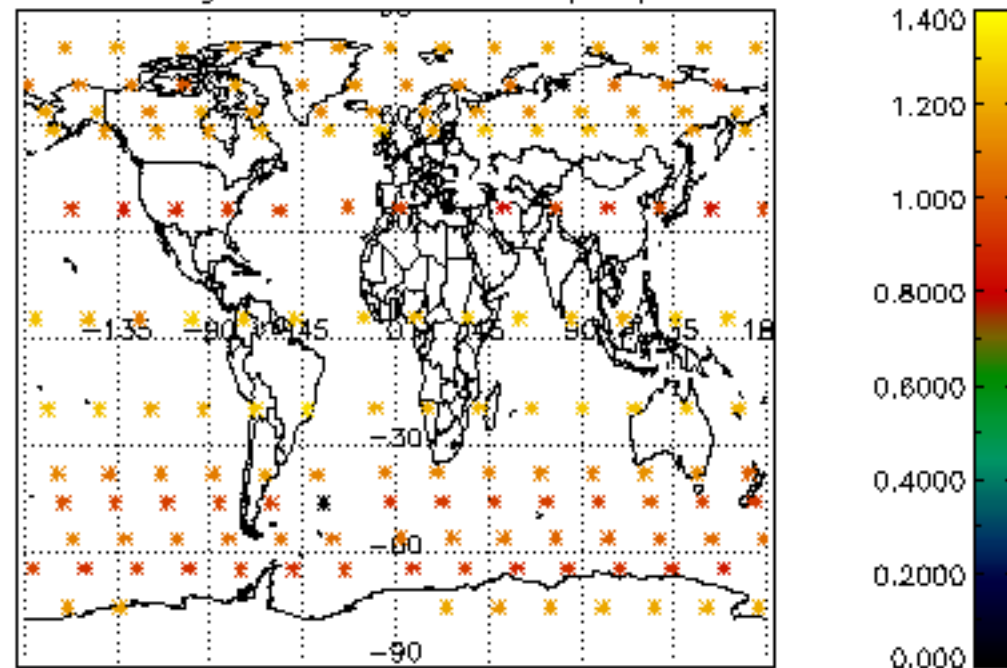




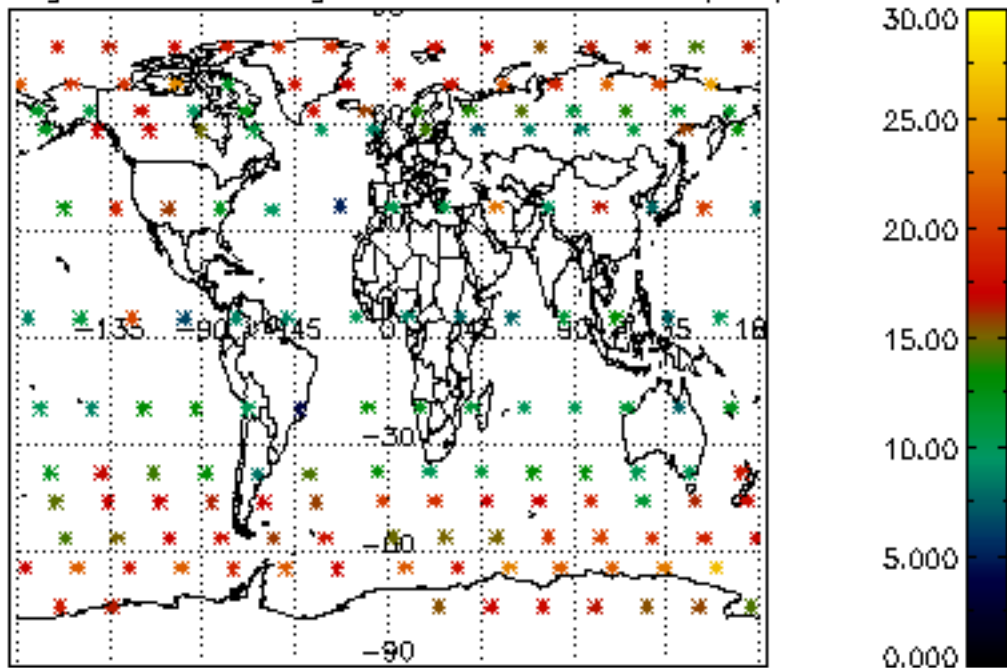
Percentage of cosmic ray hits per profile



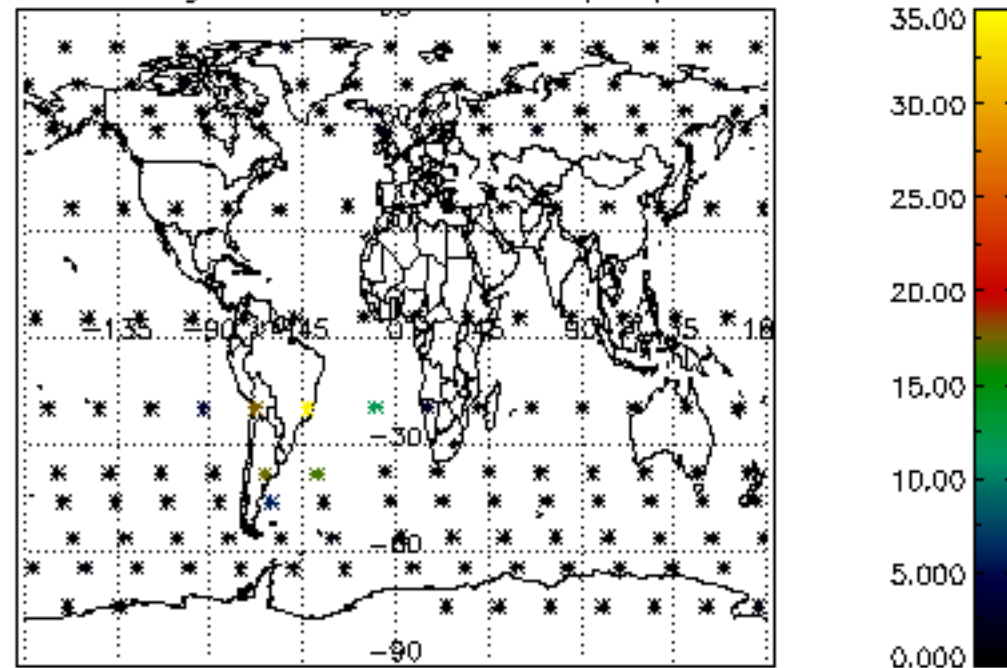
Percentage of datation errors per profile



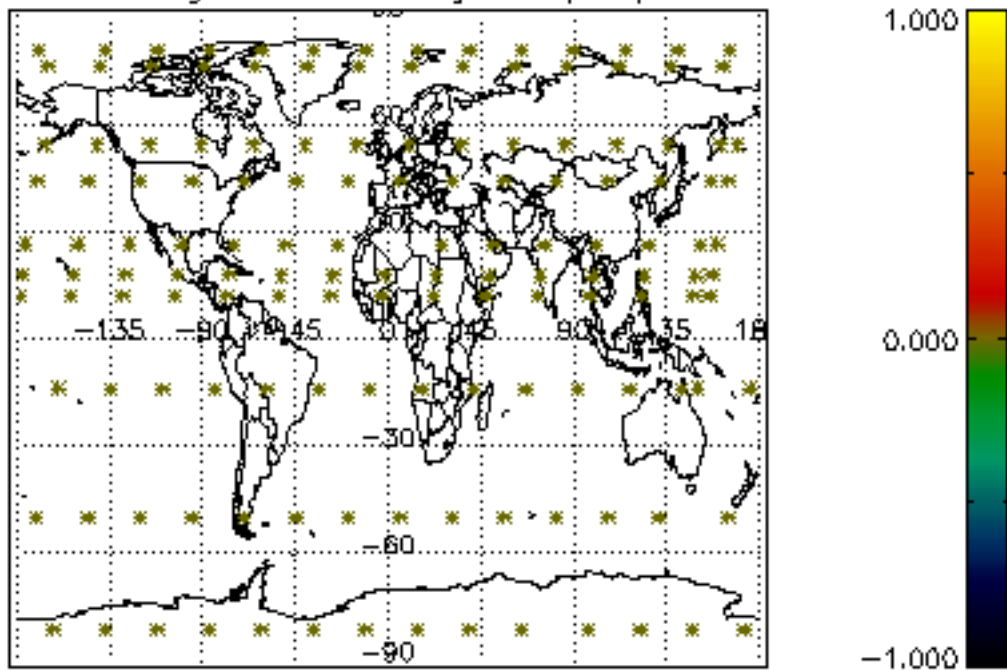
Percentage of star falling outside central band per profile



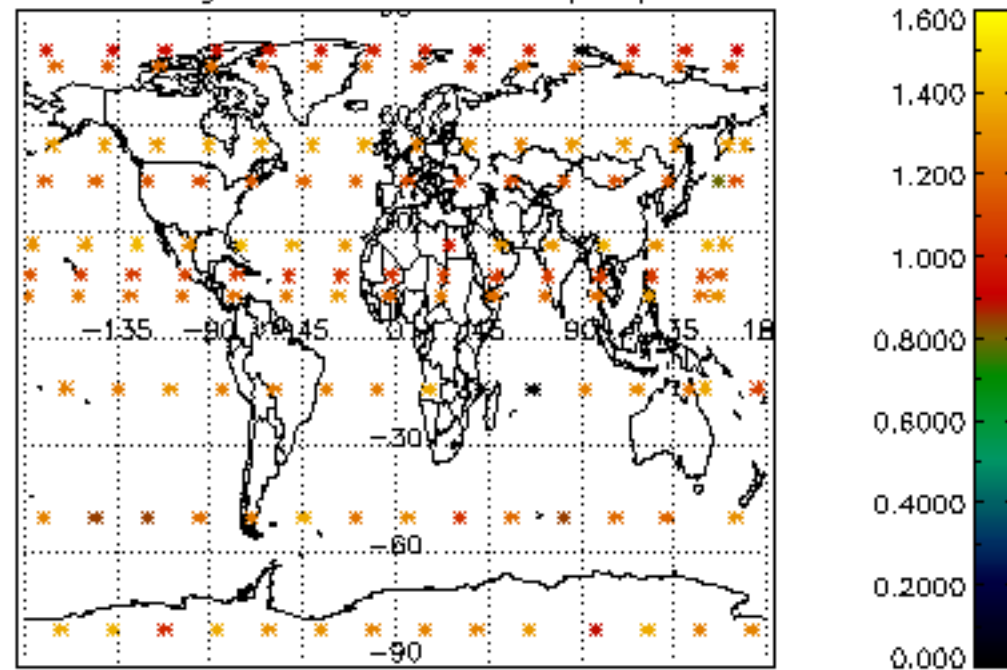
Percentage of saturation errors per profile



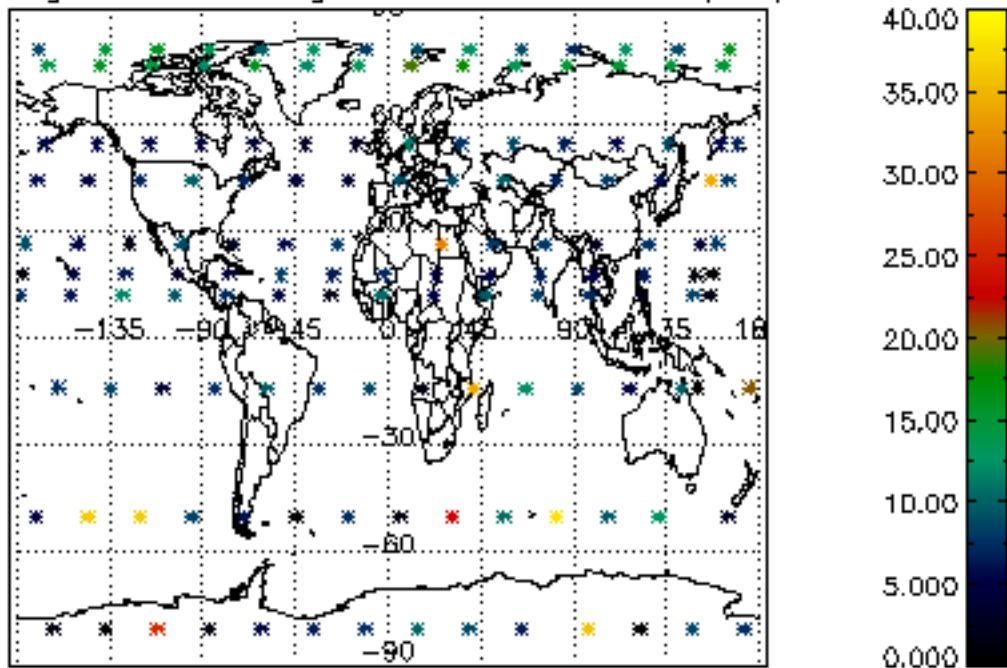
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

