

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	29APR2013 10:17:19
Data source version	GOMOS/6.01
Start time of products	01-05-2010 (01MAY2010 00:00:00)
Stop time of products	02-05-2010 (02MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	283
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__2PRFIN20100501_000014_000000402089_00059_42698_7220.N1	01-MAY-2010 00:00:14	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42698	No
2	GOM_NL__2PRFIN20100501_000735_000000432089_00059_42698_7221.N1	01-MAY-2010 00:07:35	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42698	No
3	GOM_NL__2PRFIN20100501_001752_000000432089_00059_42698_7222.N1	01-MAY-2010 00:17:52	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42698	No
4	GOM_NL__2PRFIN20100501_002304_000000322089_00059_42698_7223.N1	01-MAY-2010 00:23:04	Twilight	32.000	19	50Alp Cyg	1.2460	10500.	64	42698	No
5	GOM_NL__2PRFIN20100501_002911_000000522089_00059_42698_7224.N1	01-MAY-2010 00:29:11	Bright	51.500	164	44Eta Peg	2.9480	5400.0	103	42698	No
6	GOM_NL__2PRFIN20100501_003336_000000452089_00059_42698_7225.N1	01-MAY-2010 00:33:36	Twilight	45.000	90	54Alp Peg	2.4870	11000.	90	42698	No
7	GOM_NL__2PRFIN20100501_003753_000000662089_00059_42698_7226.N1	01-MAY-2010 00:37:53	Dark	66.000	61	8Eps Peg	2.1000	3900.0	132	42698	No
8	GOM_NL__2PRFIN20100501_004019_000000572089_00059_42698_7227.N1	01-MAY-2010 00:40:19	Dark	56.500	162	34Alp Aqr	2.9440	5350.0	113	42698	No
9	GOM_NL__2PRFIN20100501_004401_000000622089_00059_42698_7228.N1	01-MAY-2010 00:44:01	Dark	61.500	154	22Bet Aqr	2.8990	5700.0	123	42698	No
10	GOM_NL__2PRFIN20100501_010514_000000442089_00060_42699_7063.N1	01-MAY-2010 01:05:14	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42699	No
11	GOM_NL__2PRFIN20100501_010704_000000542089_00060_42699_7064.N1	01-MAY-2010 01:07:04	Straylight	53.500	40	The Sco	1.8590	7100.0	107	42699	No
12	GOM_NL__2PRFIN20100501_010849_000000592089_00060_42699_7065.N1	01-MAY-2010 01:08:49	Straylight	59.000	25	35Lam Sco	1.6200	28000.	118	42699	No
13	GOM_NL__2PRFIN20100501_011157_000000602089_00060_42699_7066.N1	01-MAY-2010 01:11:57	Straylight	60.000	75	26Eps Sco	2.2910	4250.0	120	42699	No
14	GOM_NL__2PRFIN20100501_011543_000000812089_00060_42699_7067.N1	01-MAY-2010 01:15:43	Twilight	81.000	16	21Alp Sco	1.0200	3000.0	162	42699	No
15	GOM_NL__2PRFIN20100501_011758_000000592089_00060_42699_7068.N1	01-MAY-2010 01:17:58	Twilight	58.500	80	7Del Sco	2.3160	30000.	117	42699	No
16	GOM_NL__2PRFIN20100501_012109_000000452089_00060_42699_7069.N1	01-MAY-2010 01:21:09	Bright	45.000	122	9Alp2Lib	2.7470	9700.0	90	42699	No
17	GOM_NL__2PRFIN20100501_012327_000000482089_00060_42699_7070.N1	01-MAY-2010 01:23:27	Bright	47.500	104	27Bet Lib	2.6140	13100.	95	42699	No
18	GOM_NL__2PRFIN20100501_013152_000000402089_00060_42699_7071.N1	01-MAY-2010 01:31:52	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	42699	No
19	GOM_NL__2PRFIN20100501_013535_000000462089_00060_42699_7072.N1	01-MAY-2010 01:35:35	Bright	45.500	83		2.3780	11000.	91	42699	No
20	GOM_NL__2PRFIN20100501_013836_000000412089_00060_42699_7073.N1	01-MAY-2010 01:38:36	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	42699	No
21	GOM_NL__2PRFIN20100501_014049_000000402089_00060_42699_7074.N1	01-MAY-2010 01:40:49	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42699	No
22	GOM_NL__2PRFIN20100501_014810_000000452089_00060_42699_7075.N1	01-MAY-2010 01:48:10	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42699	No
23	GOM_NL__2PRFIN20100501_015828_000000512089_00060_42699_7076.N1	01-MAY-2010 01:58:28	Bright	50.500	89	5Alp Cep	2.4510	8000.0	101	42699	No
24	GOM_NL__2PRFIN20100501_020339_000000322089_00060_42699_7077.N1	01-MAY-2010 02:03:39	Twilight	32.000	19	50Alp Cyg	1.2460	10500.	64	42699	No
25	GOM_NL__2PRFIN20100501_020947_000000522089_00060_42699_7078.N1	01-MAY-2010 02:09:47	Bright	51.500	164	44Eta Peg	2.9480	5400.0	103	42699	No
26	GOM_NL__2PRFIN20100501_021412_000000452089_00060_42699_7079.N1	01-MAY-2010 02:14:12	Twilight	45.000	90	54Alp Peg	2.4870	11000.	90	42699	No
27	GOM_NL__2PRFIN20100501_021829_000000652089_00060_42699_7080.N1	01-MAY-2010 02:18:29	Dark	65.000	61	8Eps Peg	2.1000	3900.0	130	42699	No
28	GOM_NL__2PRFIN20100501_022056_000000572089_00060_42699_7081.N1	01-MAY-2010 02:20:56	Dark	56.500	162	34Alp Aqr	2.9440	5350.0	113	42699	No
29	GOM_NL__2PRFIN20100501_022438_000000622089_00060_42699_7082.N1	01-MAY-2010 02:24:38	Dark	62.000	154	22Bet Aqr	2.8990	5700.0	124	42699	No
30	GOM_NL__2PRFIN20100501_024550_000000422089_00061_42700_7071.N1	01-MAY-2010 02:45:50	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	42700	No
31	GOM_NL__2PRFIN20100501_024741_000000552089_00061_42700_7072.N1	01-MAY-2010 02:47:41	Straylight	55.000	40	The Sco	1.8590	7100.0	110	42700	No
32	GOM_NL__2PRFIN20100501_024926_000000582089_00061_42700_7073.N1	01-MAY-2010 02:49:26	Straylight	57.500	25	35Lam Sco	1.6200	28000.	115	42700	No
33	GOM_NL__2PRFIN20100501_025234_000000652089_00061_42700_7074.N1	01-MAY-2010 02:52:34	Straylight	64.500	75	26Eps Sco	2.2910	4250.0	129	42700	No
34	GOM_NL__2PRFIN20100501_025619_000000682089_00061_42700_7075.N1	01-MAY-2010 02:56:19	Twilight	68.000	16	21Alp Sco	1.0200	3000.0	136	42700	No
35	GOM_NL__2PRFIN20100501_025835_000000592089_00061_42700_7076.N1	01-MAY-2010 02:58:35	Twilight	59.000	80	7Del Sco	2.3160	30000.	118	42700	No
36	GOM_NL__2PRFIN20100501_030145_000000442089_00061_42700_7077.N1	01-MAY-2010 03:01:45	Bright	43.500	122	9Alp2Lib	2.7470	9700.0	87	42700	No
37	GOM_NL__2PRFIN20100501_030403_000000512089_00061_42700_7078.N1	01-MAY-2010 03:04:03	Bright	50.500	104	27Bet Lib	2.6140	13100.	101	42700	No
38	GOM_NL__2PRFIN20100501_031228_000000382089_00061_42700_7079.N1	01-MAY-2010 03:12:28	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	42700	No
39	GOM_NL__2PRFIN20100501_031611_000000462089_00061_42700_7080.N1	01-MAY-2010 03:16:11	Bright	46.000	83		2.3780	11000.	92	42700	No
40	GOM_NL__2PRFIN20100501_031911_000000412089_00061_42700_7081.N1	01-MAY-2010 03:19:11	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42700	No
41	GOM_NL__2PRFIN20100501_032125_000000402089_00061_42700_7082.N1	01-MAY-2010 03:21:25	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42700	No
42	GOM_NL__2PRFIN20100501_032846_000000442089_00061_42700_7083.N1	01-MAY-2010 03:28:46	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42700	No

43	GOM_NL__2PRFIN20100501_033903_000000442089_00061_42700_7084.N1	01-MAY-2010 03:39:03	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42700	No
44	GOM_NL__2PRFIN20100501_034415_000000272089_00061_42700_7085.N1	01-MAY-2010 03:44:15	Twilight	27.000	19	50Alp Cyg	1.2460	10500.	54	42700	No
45	GOM_NL__2PRFIN20100501_035023_000000512089_00061_42700_7086.N1	01-MAY-2010 03:50:23	Bright	50.500	164	44Eta Peg	2.9480	5400.0	101	42700	No
46	GOM_NL__2PRFIN20100501_035448_000000462089_00061_42700_7087.N1	01-MAY-2010 03:54:48	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	42700	No
47	GOM_NL__2PRFIN20100501_035906_000000672089_00061_42700_7088.N1	01-MAY-2010 03:59:06	Dark	66.500	61	8Eps Peg	2.1000	3900.0	133	42700	No
48	GOM_NL__2PRFIN20100501_040132_000000542089_00061_42700_7089.N1	01-MAY-2010 04:01:32	Dark	54.000	162	34Alp Aqr	2.9440	5350.0	108	42700	No
49	GOM_NL__2PRFIN20100501_040515_000000592089_00061_42700_7090.N1	01-MAY-2010 04:05:15	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	42700	No
50	GOM_NL__2PRFIN20100501_041152_000000432089_00061_42700_7091.N1	01-MAY-2010 04:11:52	Dark	42.500	172	Gam Gru	3.0030	13100.	85	42700	No
51	GOM_NL__2PRFIN20100501_042627_000000432089_00062_42701_7079.N1	01-MAY-2010 04:26:27	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	42701	No
52	GOM_NL__2PRFIN20100501_042818_000000512089_00062_42701_7080.N1	01-MAY-2010 04:28:18	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42701	No
53	GOM_NL__2PRFIN20100501_043003_000000562089_00062_42701_7081.N1	01-MAY-2010 04:30:03	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	42701	No
54	GOM_NL__2PRFIN20100501_043311_000000592089_00062_42701_7082.N1	01-MAY-2010 04:33:11	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	42701	No
55	GOM_NL__2PRFIN20100501_043656_000000712089_00062_42701_7083.N1	01-MAY-2010 04:36:56	Twilight	70.500	16	21Alp Sco	1.0200	3000.0	141	42701	No
56	GOM_NL__2PRFIN20100501_043911_000000622089_00062_42701_7084.N1	01-MAY-2010 04:39:11	Twilight	62.000	80	7Del Sco	2.3160	30000.	124	42701	No
57	GOM_NL__2PRFIN20100501_044221_000000452089_00062_42701_7085.N1	01-MAY-2010 04:42:21	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	42701	No
58	GOM_NL__2PRFIN20100501_044439_000000502089_00062_42701_7086.N1	01-MAY-2010 04:44:39	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	42701	No
59	GOM_NL__2PRFIN20100501_045304_000000392089_00062_42701_7087.N1	01-MAY-2010 04:53:04	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	42701	No
60	GOM_NL__2PRFIN20100501_045646_000000482089_00062_42701_7088.N1	01-MAY-2010 04:56:46	Bright	47.500	83		2.3780	11000.	95	42701	No
61	GOM_NL__2PRFIN20100501_045947_000000442089_00062_42701_7089.N1	01-MAY-2010 04:59:47	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	42701	No
62	GOM_NL__2PRFIN20100501_050201_000000382089_00062_42701_7090.N1	01-MAY-2010 05:02:01	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	42701	No
63	GOM_NL__2PRFIN20100501_050921_000000452089_00062_42701_7091.N1	01-MAY-2010 05:09:21	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42701	No
64	GOM_NL__2PRFIN20100501_051939_000000422089_00062_42701_7092.N1	01-MAY-2010 05:19:39	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42701	No
65	GOM_NL__2PRFIN20100501_052450_000000272089_00062_42701_7093.N1	01-MAY-2010 05:24:50	Twilight	27.000	19	50Alp Cyg	1.2460	10500.	54	42701	No
66	GOM_NL__2PRFIN20100501_053059_000000512089_00062_42701_7094.N1	01-MAY-2010 05:30:59	Bright	51.000	164	44Eta Peg	2.9480	5400.0	102	42701	No
67	GOM_NL__2PRFIN20100501_053524_000000482089_00062_42701_7095.N1	01-MAY-2010 05:35:24	Twilight	47.500	90	54Alp Peg	2.4870	11000.	95	42701	No
68	GOM_NL__2PRFIN20100501_053943_000000632089_00062_42701_7096.N1	01-MAY-2010 05:39:43	Dark	62.500	61	8Eps Peg	2.1000	3900.0	125	42701	No
69	GOM_NL__2PRFIN20100501_054209_000000542089_00062_42701_7097.N1	01-MAY-2010 05:42:09	Dark	54.000	162	34Alp Aqr	2.9440	5350.0	108	42701	No
70	GOM_NL__2PRFIN20100501_054552_000000612089_00062_42701_7098.N1	01-MAY-2010 05:45:52	Dark	61.000	154	22Bet Aqr	2.8990	5700.0	122	42701	No
71	GOM_NL__2PRFIN20100501_055228_000000412089_00062_42701_7099.N1	01-MAY-2010 05:52:28	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42701	No
72	GOM_NL__2PRFIN20100501_060703_000000522089_00063_42702_7087.N1	01-MAY-2010 06:07:03	Straylight	51.500	141	Bet Ara	2.8400	4600.0	103	42702	No
73	GOM_NL__2PRFIN20100501_060855_000000592089_00063_42702_7088.N1	01-MAY-2010 06:08:55	Straylight	59.000	40	The Sco	1.8590	7100.0	118	42702	No
74	GOM_NL__2PRFIN20100501_061040_000000622089_00063_42702_7089.N1	01-MAY-2010 06:10:40	Straylight	61.500	25	35Lam Sco	1.6200	28000.	123	42702	No
75	GOM_NL__2PRFIN20100501_061347_000000622089_00063_42702_7090.N1	01-MAY-2010 06:13:47	Straylight	61.500	75	26Eps Sco	2.2910	4250.0	123	42702	No
76	GOM_NL__2PRFIN20100501_061733_000000812089_00063_42702_7091.N1	01-MAY-2010 06:17:33	Twilight	81.000	16	21Alp Sco	1.0200	3000.0	162	42702	No
77	GOM_NL__2PRFIN20100501_061947_000000612089_00063_42702_7092.N1	01-MAY-2010 06:19:47	Twilight	61.000	80	7Del Sco	2.3160	30000.	122	42702	No
78	GOM_NL__2PRFIN20100501_062257_000000462089_00063_42702_7093.N1	01-MAY-2010 06:22:57	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	42702	No
79	GOM_NL__2PRFIN20100501_062515_000000492089_00063_42702_7094.N1	01-MAY-2010 06:25:15	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	42702	No
80	GOM_NL__2PRFIN20100501_063340_000000402089_00063_42702_7095.N1	01-MAY-2010 06:33:40	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	42702	No
81	GOM_NL__2PRFIN20100501_063722_000000482089_00063_42702_7096.N1	01-MAY-2010 06:37:22	Bright	48.000	83		2.3780	11000.	96	42702	No
82	GOM_NL__2PRFIN20100501_064022_000000432089_00063_42702_7097.N1	01-MAY-2010 06:40:22	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42702	No
83	GOM_NL__2PRFIN20100501_064237_000000372089_00063_42702_7098.N1	01-MAY-2010 06:42:37	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	42702	No
84	GOM_NL__2PRFIN20100501_064956_000000452089_00063_42702_7099.N1	01-MAY-2010 06:49:56	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	42702	No
85	GOM_NL__2PRFIN20100501_070014_000000432089_00063_42702_7100.N1	01-MAY-2010 07:00:14	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42702	No
86	GOM_NL__2PRFIN20100501_071135_000000492089_00063_42702_7101.N1	01-MAY-2010 07:11:35	Bright	49.000	164	44Eta Peg	2.9480	5400.0	98	42702	No
87	GOM_NL__2PRFIN20100501_071601_000000462089_00063_42702_7102.N1	01-MAY-2010 07:16:01	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	42702	No
88	GOM_NL__2PRFIN20100501_072020_000000662089_00063_42702_7103.N1	01-MAY-2010 07:20:20	Dark	65.500	61	8Eps Peg	2.1000	3900.0	131	42702	No
89	GOM_NL__2PRFIN20100501_072246_000000542089_00063_42702_7104.N1	01-MAY-2010 07:22:46	Dark	54.000	162	34Alp Aqr	2.9440	5350.0	108	42702	No
90	GOM_NL__2PRFIN20100501_072629_000000592089_00063_42702_7105.N1	01-MAY-2010 07:26:29	Dark	58.500	154	22Bet Aqr	2.8990	5700.0	117	42702	No
91	GOM_NL__2PRFIN20100501_073305_000000422089_00063_42702_7106.N1	01-MAY-2010 07:33:05	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42702	No
92	GOM_NL__2PRFIN20100501_074740_000000482089_00064_42703_7095.N1	01-MAY-2010 07:47:40	Straylight	48.000	141	Bet Ara	2.8400	4600.0	96	42703	No
93	GOM_NL__2PRFIN20100501_074932_000000642089_00064_42703_7096.N1	01-MAY-2010 07:49:32	Straylight	63.500	40	The Sco	1.8590	7100.0	127	42703	No
94	GOM_NL__2PRFIN20100501_075117_000000572089_00064_42703_7097.N1	01-MAY-2010 07:51:17	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	42703	No
95	GOM_NL__2PRFIN20100501_075424_000000602089_00064_42703_7098.N1	01-MAY-2010 07:54:24	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	42703	No
96	GOM_NL__2PRFIN20100501_075809_000000762089_00064_42703_7099.N1	01-MAY-2010 07:58:09	Twilight	75.500	16	21Alp Sco	1.0200	3000.0	151	42703	No
97	GOM_NL__2PRFIN20100501_080024_000000612089_00064_42703_7100.N1	01-MAY-2010 08:00:24	Twilight	61.000	80	7Del Sco	2.3160	30000.	122	42703	No
98	GOM_NL__2PRFIN20100501_080333_000000512089_00064_42703_7101.N1	01-MAY-2010 08:03:33	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42703	No
99	GOM_NL__2PRFIN20100501_080550_000000502089_00064_42703_7102.N1	01-MAY-2010 08:05:50	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	42703	No
100	GOM_NL__2PRFIN20100501_081415_000000392089_00064_42703_7103.N1	01-MAY-2010 08:14:15	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	42703	No
101	GOM_NL__2PRFIN20100501_081757_000000452089_00064_42703_7104.N1	01-MAY-2010 08:17:57	Bright	44.500	83		2.3780	11000.	89	42703	No

102	GOM_NL__2PRFIN20100501_082058_000000432089_00064_42703_7105.N1	01-MAY-2010 08:20:58	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	42703	No
103	GOM_NL__2PRFIN20100501_082313_000000412089_00064_42703_7106.N1	01-MAY-2010 08:23:13	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42703	No
104	GOM_NL__2PRFIN20100501_083031_000000432089_00064_42703_7107.N1	01-MAY-2010 08:30:31	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42703	No
105	GOM_NL__2PRFIN20100501_084050_000000432089_00064_42703_7108.N1	01-MAY-2010 08:40:50	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42703	No
106	GOM_NL__2PRFIN20100501_085211_000000492089_00064_42703_7109.N1	01-MAY-2010 08:52:11	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	42703	No
107	GOM_NL__2PRFIN20100501_085637_000000472089_00064_42703_7110.N1	01-MAY-2010 08:56:37	Twilight	47.000	90	54Alp Peg	2.4870	11000.	94	42703	No
108	GOM_NL__2PRFIN20100501_090057_000000692089_00064_42703_7111.N1	01-MAY-2010 09:00:57	Dark	68.500	61	8Eps Peg	2.1000	3900.0	137	42703	No
109	GOM_NL__2PRFIN20100501_090323_000000562089_00064_42703_7112.N1	01-MAY-2010 09:03:23	Dark	56.000	162	34Alp Aqr	2.9440	5350.0	112	42703	No
110	GOM_NL__2PRFIN20100501_090707_000000632089_00064_42703_7113.N1	01-MAY-2010 09:07:07	Dark	63.000	154	22Bet Aqr	2.8990	5700.0	126	42703	No
111	GOM_NL__2PRFIN20100501_091342_000000422089_00064_42703_7114.N1	01-MAY-2010 09:13:42	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42703	No
112	GOM_NL__2PRFIN20100501_092817_000000472089_00065_42704_7103.N1	01-MAY-2010 09:28:17	Straylight	47.000	141	Bet Ara	2.8400	4600.0	94	42704	No
113	GOM_NL__2PRFIN20100501_093009_000000592089_00065_42704_7104.N1	01-MAY-2010 09:30:09	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42704	No
114	GOM_NL__2PRFIN20100501_093154_000000622089_00065_42704_7105.N1	01-MAY-2010 09:31:54	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	42704	No
115	GOM_NL__2PRFIN20100501_093500_000000582089_00065_42704_7106.N1	01-MAY-2010 09:35:00	Straylight	57.500	75	26Eps Sco	2.2910	4250.0	115	42704	No
116	GOM_NL__2PRFIN20100501_093845_000000812089_00065_42704_7107.N1	01-MAY-2010 09:38:45	Tw_and_stray	80.500	16	21Alp Sco	1.0200	3000.0	161	42704	No
117	GOM_NL__2PRFIN20100501_094100_000000612089_00065_42704_7108.N1	01-MAY-2010 09:41:00	Tw_and_stray	61.000	80	7Del Sco	2.3160	30000.	122	42704	No
118	GOM_NL__2PRFIN20100501_094409_000000442089_00065_42704_7109.N1	01-MAY-2010 09:44:09	Bright	43.500	122	9Alp2Lib	2.7470	9700.0	87	42704	No
119	GOM_NL__2PRFIN20100501_094626_000000492089_00065_42704_7110.N1	01-MAY-2010 09:46:26	Bright	48.500	104	27Bet Lib	2.6140	13100.	97	42704	No
120	GOM_NL__2PRFIN20100501_095451_000000392089_00065_42704_7111.N1	01-MAY-2010 09:54:51	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	42704	No
121	GOM_NL__2PRFIN20100501_095833_000000472089_00065_42704_7112.N1	01-MAY-2010 09:58:33	Bright	47.000	83		2.3780	11000.	94	42704	No
122	GOM_NL__2PRFIN20100501_100133_000000422089_00065_42704_7113.N1	01-MAY-2010 10:01:33	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	42704	No
123	GOM_NL__2PRFIN20100501_100348_000000392089_00065_42704_7114.N1	01-MAY-2010 10:03:48	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42704	No
124	GOM_NL__2PRFIN20100501_101107_000000462089_00065_42704_7115.N1	01-MAY-2010 10:11:07	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	42704	No
125	GOM_NL__2PRFIN20100501_102126_000000432089_00065_42704_7116.N1	01-MAY-2010 10:21:26	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42704	No
126	GOM_NL__2PRFIN20100501_103247_000000492089_00065_42704_7117.N1	01-MAY-2010 10:32:47	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	42704	No
127	GOM_NL__2PRFIN20100501_103713_000000472089_00065_42704_7118.N1	01-MAY-2010 10:37:13	Twilight	47.000	90	54Alp Peg	2.4870	11000.	94	42704	No
128	GOM_NL__2PRFIN20100501_104134_000000652089_00065_42704_7119.N1	01-MAY-2010 10:41:34	Dark	65.000	61	8Eps Peg	2.1000	3900.0	130	42704	No
129	GOM_NL__2PRFIN20100501_104359_000000542089_00065_42704_7120.N1	01-MAY-2010 10:43:59	Dark	54.000	162	34Alp Aqr	2.9440	5350.0	108	42704	No
130	GOM_NL__2PRFIN20100501_104744_000000602089_00065_42704_7121.N1	01-MAY-2010 10:47:44	Dark	59.500	154	22Bet Aqr	2.8990	5700.0	119	42704	No
131	GOM_NL__2PRFIN20100501_105418_000000412089_00065_42704_7122.N1	01-MAY-2010 10:54:18	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42704	No
132	GOM_NL__2PRFIN20100501_110853_000000442089_00066_42705_7111.N1	01-MAY-2010 11:08:53	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42705	No
133	GOM_NL__2PRFIN20100501_111045_000000552089_00066_42705_7112.N1	01-MAY-2010 11:10:45	Straylight	54.500	40	The Sco	1.8590	7100.0	109	42705	No
134	GOM_NL__2PRFIN20100501_111231_000000602089_00066_42705_7113.N1	01-MAY-2010 11:12:31	Straylight	60.000	25	35Lam Sco	1.6200	28000.	120	42705	No
135	GOM_NL__2PRFIN20100501_111537_000000592089_00066_42705_7114.N1	01-MAY-2010 11:15:37	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	42705	No
136	GOM_NL__2PRFIN20100501_111922_000000812089_00066_42705_7115.N1	01-MAY-2010 11:19:22	Tw_and_stray	81.000	16	21Alp Sco	1.0200	3000.0	162	42705	No
137	GOM_NL__2PRFIN20100501_112136_000000592089_00066_42705_7116.N1	01-MAY-2010 11:21:36	Tw_and_stray	59.000	80	7Del Sco	2.3160	30000.	118	42705	No
138	GOM_NL__2PRFIN20100501_112445_000000432089_00066_42705_7117.N1	01-MAY-2010 11:24:45	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	42705	No
139	GOM_NL__2PRFIN20100501_112702_000000482089_00066_42705_7118.N1	01-MAY-2010 11:27:02	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	42705	No
140	GOM_NL__2PRFIN20100501_113527_000000382089_00066_42705_7119.N1	01-MAY-2010 11:35:27	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	42705	No
141	GOM_NL__2PRFIN20100501_113908_000000442089_00066_42705_7120.N1	01-MAY-2010 11:39:08	Bright	43.500	83		2.3780	11000.	87	42705	No
142	GOM_NL__2PRFIN20100501_114208_000000422089_00066_42705_7121.N1	01-MAY-2010 11:42:08	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	42705	No
143	GOM_NL__2PRFIN20100501_114424_000000372089_00066_42705_7122.N1	01-MAY-2010 11:44:24	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	42705	No
144	GOM_NL__2PRFIN20100501_115142_000000452089_00066_42705_7123.N1	01-MAY-2010 11:51:42	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42705	No
145	GOM_NL__2PRFIN20100501_120202_000000432089_00066_42705_7124.N1	01-MAY-2010 12:02:02	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42705	No
146	GOM_NL__2PRFIN20100501_121324_000000502089_00066_42705_7125.N1	01-MAY-2010 12:13:24	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	42705	No
147	GOM_NL__2PRFIN20100501_121750_000000452089_00066_42705_7126.N1	01-MAY-2010 12:17:50	Twilight	44.500	90	54Alp Peg	2.4870	11000.	89	42705	No
148	GOM_NL__2PRFIN20100501_122210_000000672089_00066_42705_7127.N1	01-MAY-2010 12:22:10	Dark	66.500	61	8Eps Peg	2.1000	3900.0	133	42705	No
149	GOM_NL__2PRFIN20100501_122436_000000582089_00066_42705_7128.N1	01-MAY-2010 12:24:36	Dark	57.500	162	34Alp Aqr	2.9440	5350.0	115	42705	No
150	GOM_NL__2PRFIN20100501_122821_000000652089_00066_42705_7129.N1	01-MAY-2010 12:28:21	Dark	64.500	154	22Bet Aqr	2.8990	5700.0	129	42705	No
151	GOM_NL__2PRFIN20100501_123455_000000422089_00066_42705_7130.N1	01-MAY-2010 12:34:55	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42705	No
152	GOM_NL__2PRFIN20100501_124929_000000512089_00067_42706_7119.N1	01-MAY-2010 12:49:29	Straylight	50.500	141	Bet Ara	2.8400	4600.0	101	42706	No
153	GOM_NL__2PRFIN20100501_125122_000000512089_00067_42706_7120.N1	01-MAY-2010 12:51:22	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42706	No
154	GOM_NL__2PRFIN20100501_125307_000000602089_00067_42706_7121.N1	01-MAY-2010 12:53:07	Straylight	60.000	25	35Lam Sco	1.6200	28000.	120	42706	No
155	GOM_NL__2PRFIN20100501_125614_000000632089_00067_42706_7122.N1	01-MAY-2010 12:56:14	Straylight	62.500	75	26Eps Sco	2.2910	4250.0	125	42706	No
156	GOM_NL__2PRFIN20100501_125958_000000722089_00067_42706_7123.N1	01-MAY-2010 12:59:58	Tw_and_stray	72.000	16	21Alp Sco	1.0200	3000.0	144	42706	No
157	GOM_NL__2PRFIN20100501_130212_000000622089_00067_42706_7124.N1	01-MAY-2010 13:02:12	Tw_and_stray	61.500	80	7Del Sco	2.3160	30000.	123	42706	No
158	GOM_NL__2PRFIN20100501_130521_000000462089_00067_42706_7125.N1	01-MAY-2010 13:05:21	Bright	45.500	122	9Alp2Lib	2.7470	9700.0	91	42706	No
159	GOM_NL__2PRFIN20100501_130738_000000492089_00067_42706_7126.N1	01-MAY-2010 13:07:38	Bright	48.500	104	27Bet Lib	2.6140	13100.	97	42706	No
160	GOM_NL__2PRFIN20100501_131603_000000382089_00067_42706_7127.N1	01-MAY-2010 13:16:03	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	42706	No

161	GOM_NL__2PRFIN20100501_131943_000000462089_00067_42706_7128.N1	01-MAY-2010 13:19:43	Bright	45.500	83		2.3780	11000.	91	42706	No
162	GOM_NL__2PRFIN20100501_132244_000000422089_00067_42706_7129.N1	01-MAY-2010 13:22:44	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	42706	No
163	GOM_NL__2PRFIN20100501_132459_000000402089_00067_42706_7130.N1	01-MAY-2010 13:24:59	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42706	No
164	GOM_NL__2PRFIN20100501_133217_000000452089_00067_42706_7131.N1	01-MAY-2010 13:32:17	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42706	No
165	GOM_NL__2PRFIN20100501_134237_000000422089_00067_42706_7132.N1	01-MAY-2010 13:42:37	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42706	No
166	GOM_NL__2PRFIN20100501_135400_000000502089_00067_42706_7133.N1	01-MAY-2010 13:54:00	Bright	50.000	164	44Eta Peg	2.9480	5400.0	100	42706	No
167	GOM_NL__2PRFIN20100501_135826_000000422089_00067_42706_7134.N1	01-MAY-2010 13:58:26	Twilight	42.000	90	54Alp Peg	2.4870	11000.	84	42706	No
168	GOM_NL__2PRFIN20100501_140247_000000662089_00067_42706_7135.N1	01-MAY-2010 14:02:47	Dark	65.500	61	8Eps Peg	2.1000	3900.0	131	42706	No
169	GOM_NL__2PRFIN20100501_140513_000000562089_00067_42706_7136.N1	01-MAY-2010 14:05:13	Dark	56.000	162	34Alp Aqr	2.9440	5350.0	112	42706	No
170	GOM_NL__2PRFIN20100501_140858_000000612089_00067_42706_7137.N1	01-MAY-2010 14:08:58	Dark	61.000	154	22Bet Aqr	2.8990	5700.0	122	42706	No
171	GOM_NL__2PRFIN20100501_141532_000000432089_00067_42706_7138.N1	01-MAY-2010 14:15:32	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42706	No
172	GOM_NL__2PRFIN20100501_143006_000000452089_00068_42707_7129.N1	01-MAY-2010 14:30:06	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	42707	No
173	GOM_NL__2PRFIN20100501_143159_000000562089_00068_42707_7130.N1	01-MAY-2010 14:31:59	Straylight	56.000	40	The Sco	1.8590	7100.0	112	42707	No
174	GOM_NL__2PRFIN20100501_143344_000000622089_00068_42707_7131.N1	01-MAY-2010 14:33:44	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	42707	No
175	GOM_NL__2PRFIN20100501_143651_000000612089_00068_42707_7132.N1	01-MAY-2010 14:36:51	Straylight	61.000	75	26Eps Sco	2.2910	4250.0	122	42707	No
176	GOM_NL__2PRFIN20100501_144035_000000752089_00068_42707_7133.N1	01-MAY-2010 14:40:35	Tw_and_stray	74.500	16	21Alp Sco	1.0200	3000.0	149	42707	No
177	GOM_NL__2PRFIN20100501_144249_000000582089_00068_42707_7134.N1	01-MAY-2010 14:42:49	Tw_and_stray	58.000	80	7Del Sco	2.3160	30000.	116	42707	No
178	GOM_NL__2PRFIN20100501_144557_000000462089_00068_42707_7135.N1	01-MAY-2010 14:45:57	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	42707	No
179	GOM_NL__2PRFIN20100501_144814_000000492089_00068_42707_7136.N1	01-MAY-2010 14:48:14	Bright	48.500	104	27Bet Lib	2.6140	13100.	97	42707	No
180	GOM_NL__2PRFIN20100501_145638_000000402089_00068_42707_7137.N1	01-MAY-2010 14:56:38	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	42707	No
181	GOM_NL__2PRFIN20100501_150019_000000432089_00068_42707_7138.N1	01-MAY-2010 15:00:19	Bright	43.000	83		2.3780	11000.	86	42707	No
182	GOM_NL__2PRFIN20100501_150535_000000382089_00068_42707_7139.N1	01-MAY-2010 15:05:35	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	42707	No
183	GOM_NL__2PRFIN20100501_151253_000000432089_00068_42707_7140.N1	01-MAY-2010 15:12:53	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42707	No
184	GOM_NL__2PRFIN20100501_152313_000000432089_00068_42707_7141.N1	01-MAY-2010 15:23:13	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42707	No
185	GOM_NL__2PRFIN20100501_153436_000000502089_00068_42707_7142.N1	01-MAY-2010 15:34:36	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	42707	No
186	GOM_NL__2PRFIN20100501_153902_000000462089_00068_42707_7143.N1	01-MAY-2010 15:39:02	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	42707	No
187	GOM_NL__2PRFIN20100501_154324_000000662089_00068_42707_7144.N1	01-MAY-2010 15:43:24	Dark	66.000	61	8Eps Peg	2.1000	3900.0	132	42707	No
188	GOM_NL__2PRFIN20100501_154549_000000542089_00068_42707_7145.N1	01-MAY-2010 15:45:49	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	42707	No
189	GOM_NL__2PRFIN20100501_154935_000000602089_00068_42707_7146.N1	01-MAY-2010 15:49:35	Dark	59.500	154	22Bet Aqr	2.8990	5700.0	119	42707	No
190	GOM_NL__2PRFIN20100501_155608_000000432089_00068_42707_7147.N1	01-MAY-2010 15:56:08	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42707	No
191	GOM_NL__2PRFIN20100501_161043_000000522089_00069_42708_7137.N1	01-MAY-2010 16:10:43	Straylight	51.500	141	Bet Ara	2.8400	4600.0	103	42708	No
192	GOM_NL__2PRFIN20100501_161236_000000592089_00069_42708_7138.N1	01-MAY-2010 16:12:36	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42708	No
193	GOM_NL__2PRFIN20100501_161421_000000602089_00069_42708_7139.N1	01-MAY-2010 16:14:21	Straylight	59.500	25	35Lam Sco	1.6200	28000.	119	42708	No
194	GOM_NL__2PRFIN20100501_161727_000000592089_00069_42708_7140.N1	01-MAY-2010 16:17:27	Straylight	58.500	75	26Eps Sco	2.2910	4250.0	117	42708	No
195	GOM_NL__2PRFIN20100501_162111_000000772089_00069_42708_7141.N1	01-MAY-2010 16:21:11	Tw_and_stray	76.500	16	21Alp Sco	1.0200	3000.0	153	42708	No
196	GOM_NL__2PRFIN20100501_162325_000000612089_00069_42708_7142.N1	01-MAY-2010 16:23:25	Tw_and_stray	61.000	80	7Del Sco	2.3160	30000.	122	42708	No
197	GOM_NL__2PRFIN20100501_162633_000000442089_00069_42708_7143.N1	01-MAY-2010 16:26:33	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	42708	No
198	GOM_NL__2PRFIN20100501_162850_000000482089_00069_42708_7144.N1	01-MAY-2010 16:28:50	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	42708	No
199	GOM_NL__2PRFIN20100501_163715_000000392089_00069_42708_7145.N1	01-MAY-2010 16:37:15	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	42708	No
200	GOM_NL__2PRFIN20100501_164054_000000472089_00069_42708_7146.N1	01-MAY-2010 16:40:54	Bright	47.000	83		2.3780	11000.	94	42708	No
201	GOM_NL__2PRFIN20100501_164355_000000412089_00069_42708_7147.N1	01-MAY-2010 16:43:55	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42708	No
202	GOM_NL__2PRFIN20100501_164611_000000402089_00069_42708_7148.N1	01-MAY-2010 16:46:11	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42708	No
203	GOM_NL__2PRFIN20100501_165328_000000452089_00069_42708_7149.N1	01-MAY-2010 16:53:28	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	42708	No
204	GOM_NL__2PRFIN20100501_170348_000000432089_00069_42708_7150.N1	01-MAY-2010 17:03:48	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42708	No
205	GOM_NL__2PRFIN20100501_171512_000000502089_00069_42708_7151.N1	01-MAY-2010 17:15:12	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	42708	No
206	GOM_NL__2PRFIN20100501_171939_000000472089_00069_42708_7152.N1	01-MAY-2010 17:19:39	Twilight	47.000	90	54Alp Peg	2.4870	11000.	94	42708	No
207	GOM_NL__2PRFIN20100501_172401_000000672089_00069_42708_7153.N1	01-MAY-2010 17:24:01	Dark	67.000	61	8Eps Peg	2.1000	3900.0	134	42708	No
208	GOM_NL__2PRFIN20100501_172626_000000562089_00069_42708_7154.N1	01-MAY-2010 17:26:26	Dark	56.000	162	34Alp Aqr	2.9440	5350.0	112	42708	No
209	GOM_NL__2PRFIN20100501_173013_000000612089_00069_42708_7155.N1	01-MAY-2010 17:30:13	Dark	60.500	154	22Bet Aqr	2.8990	5700.0	121	42708	No
210	GOM_NL__2PRFIN20100501_173645_000000402089_00069_42708_7156.N1	01-MAY-2010 17:36:45	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42708	No
211	GOM_NL__2PRFIN20100501_175119_000000512089_00070_42709_7173.N1	01-MAY-2010 17:51:19	Straylight	50.500	141	Bet Ara	2.8400	4600.0	101	42709	No
212	GOM_NL__2PRFIN20100501_175313_000000572089_00070_42709_7174.N1	01-MAY-2010 17:53:13	Straylight	56.500	40	The Sco	1.8590	7100.0	113	42709	No
213	GOM_NL__2PRFIN20100501_175458_000000592089_00070_42709_7175.N1	01-MAY-2010 17:54:58	Straylight	58.500	25	35Lam Sco	1.6200	28000.	117	42709	No
214	GOM_NL__2PRFIN20100501_175804_000000622089_00070_42709_7176.N1	01-MAY-2010 17:58:04	Straylight	61.500	75	26Eps Sco	2.2910	4250.0	123	42709	No
215	GOM_NL__2PRFIN20100501_180148_000000742089_00070_42709_7177.N1	01-MAY-2010 18:01:48	Tw_and_stray	74.000	16	21Alp Sco	1.0200	3000.0	148	42709	No
216	GOM_NL__2PRFIN20100501_180401_000000602089_00070_42709_7178.N1	01-MAY-2010 18:04:01	Tw_and_stray	60.000	80	7Del Sco	2.3160	30000.	120	42709	No
217	GOM_NL__2PRFIN20100501_180710_000000442089_00070_42709_7179.N1	01-MAY-2010 18:07:10	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	42709	No
218	GOM_NL__2PRFIN20100501_180926_000000482089_00070_42709_7180.N1	01-MAY-2010 18:09:26	Bright	47.500	104	27Bet Lib	2.6140	13100.	95	42709	No
219	GOM_NL__2PRFIN20100501_181750_000000402089_00070_42709_7181.N1	01-MAY-2010 18:17:50	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	42709	No

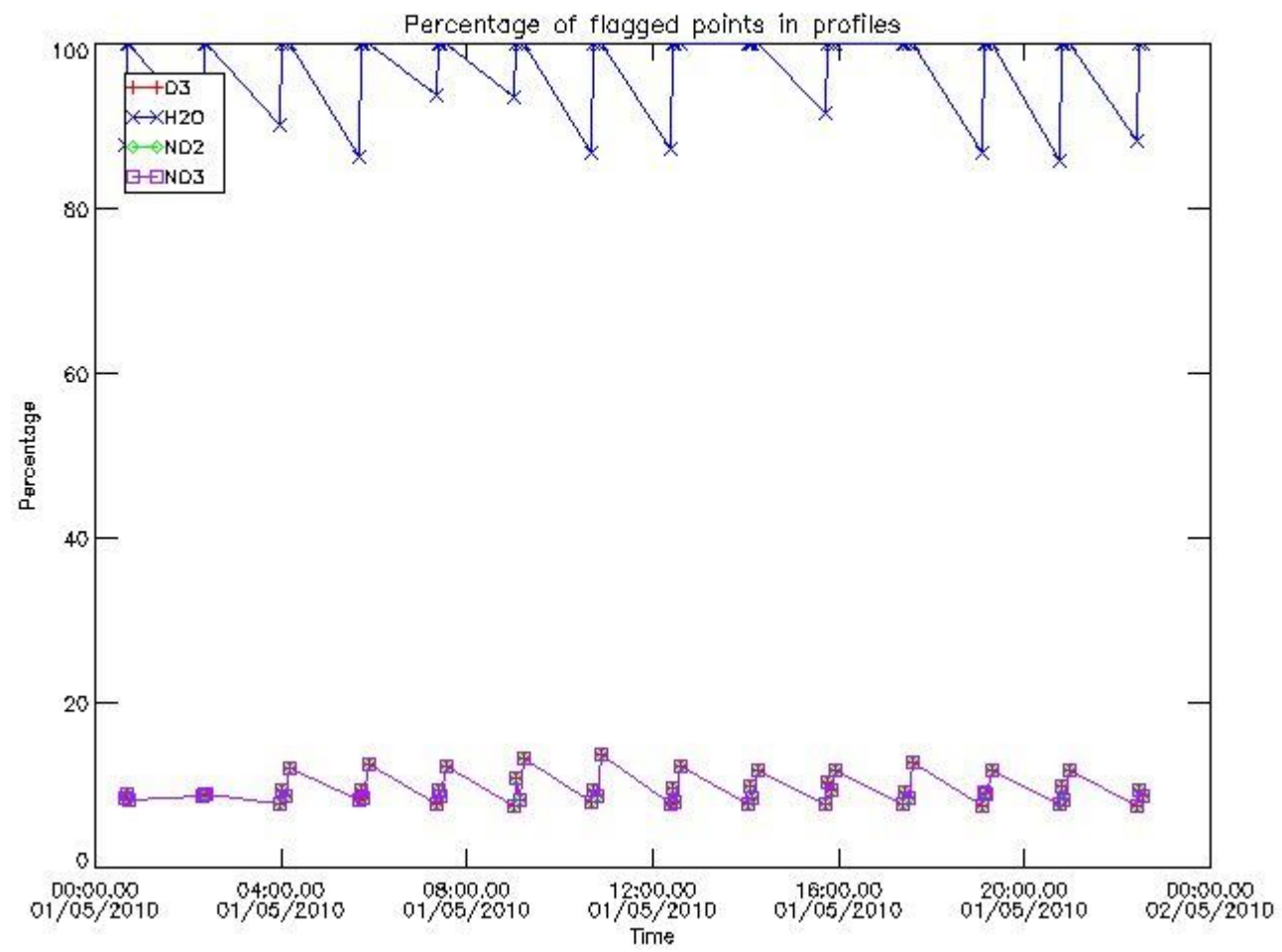
220	GOM_NL__2PRFIN20100501_182130_000000452089_00070_42709_7182.N1	01-MAY-2010 18:21:30	Bright	44.500	83		2.3780	11000.	89	42709	No
221	GOM_NL__2PRFIN20100501_182431_000000412089_00070_42709_7183.N1	01-MAY-2010 18:24:31	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42709	No
222	GOM_NL__2PRFIN20100501_182647_000000402089_00070_42709_7184.N1	01-MAY-2010 18:26:47	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42709	No
223	GOM_NL__2PRFIN20100501_183403_000000462089_00070_42709_7185.N1	01-MAY-2010 18:34:03	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	42709	No
224	GOM_NL__2PRFIN20100501_184424_000000412089_00070_42709_7186.N1	01-MAY-2010 18:44:24	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42709	No
225	GOM_NL__2PRFIN20100501_185548_000000492089_00070_42709_7187.N1	01-MAY-2010 18:55:48	Bright	49.000	164	44Eta Peg	2.9480	5400.0	98	42709	No
226	GOM_NL__2PRFIN20100501_190015_000000472089_00070_42709_7188.N1	01-MAY-2010 19:00:15	Twilight	47.000	90	54Alp Peg	2.4870	11000.	94	42709	No
227	GOM_NL__2PRFIN20100501_190437_000000692089_00070_42709_7189.N1	01-MAY-2010 19:04:37	Dark	68.500	61	8Eps Peg	2.1000	3900.0	137	42709	No
228	GOM_NL__2PRFIN20100501_190703_000000562089_00070_42709_7190.N1	01-MAY-2010 19:07:03	Dark	55.500	162	34Alp Aqr	2.9440	5350.0	111	42709	No
229	GOM_NL__2PRFIN20100501_191050_000000632089_00070_42709_7191.N1	01-MAY-2010 19:10:50	Dark	63.000	154	22Bet Aqr	2.8990	5700.0	126	42709	No
230	GOM_NL__2PRFIN20100501_191722_000000432089_00070_42709_7192.N1	01-MAY-2010 19:17:22	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42709	No
231	GOM_NL__2PRFIN20100501_193156_000000462089_00071_42710_7181.N1	01-MAY-2010 19:31:56	Straylight	45.500	141	Bet Ara	2.8400	4600.0	91	42710	No
232	GOM_NL__2PRFIN20100501_193349_000000572089_00071_42710_7182.N1	01-MAY-2010 19:33:49	Straylight	56.500	40	The Sco	1.8590	7100.0	113	42710	No
233	GOM_NL__2PRFIN20100501_193535_000000612089_00071_42710_7183.N1	01-MAY-2010 19:35:35	Straylight	60.500	25	35Lam Sco	1.6200	28000.	121	42710	No
234	GOM_NL__2PRFIN20100501_193840_000000622089_00071_42710_7184.N1	01-MAY-2010 19:38:40	Straylight	62.000	75	26Eps Sco	2.2910	4250.0	124	42710	No
235	GOM_NL__2PRFIN20100501_194224_000000712089_00071_42710_7185.N1	01-MAY-2010 19:42:24	Tw_and_stray	70.500	16	21Alp Sco	1.0200	3000.0	141	42710	No
236	GOM_NL__2PRFIN20100501_194437_000000582089_00071_42710_7186.N1	01-MAY-2010 19:44:37	Tw_and_stray	57.500	80	7Del Sco	2.3160	30000.	115	42710	No
237	GOM_NL__2PRFIN20100501_194746_000000422089_00071_42710_7187.N1	01-MAY-2010 19:47:46	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	42710	No
238	GOM_NL__2PRFIN20100501_195002_000000482089_00071_42710_7188.N1	01-MAY-2010 19:50:02	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	42710	No
239	GOM_NL__2PRFIN20100501_195826_000000382089_00071_42710_7189.N1	01-MAY-2010 19:58:26	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	42710	No
240	GOM_NL__2PRFIN20100501_200205_000000472089_00071_42710_7190.N1	01-MAY-2010 20:02:05	Bright	46.500	83		2.3780	11000.	93	42710	No
241	GOM_NL__2PRFIN20100501_200506_000000412089_00071_42710_7191.N1	01-MAY-2010 20:05:06	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	42710	No
242	GOM_NL__2PRFIN20100501_200723_000000362089_00071_42710_7192.N1	01-MAY-2010 20:07:23	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	42710	No
243	GOM_NL__2PRFIN20100501_201439_000000442089_00071_42710_7193.N1	01-MAY-2010 20:14:39	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42710	No
244	GOM_NL__2PRFIN20100501_202500_000000412089_00071_42710_7194.N1	01-MAY-2010 20:25:00	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42710	No
245	GOM_NL__2PRFIN20100501_203624_000000502089_00071_42710_7195.N1	01-MAY-2010 20:36:24	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	42710	No
246	GOM_NL__2PRFIN20100501_204051_000000462089_00071_42710_7196.N1	01-MAY-2010 20:40:51	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	42710	No
247	GOM_NL__2PRFIN20100501_204514_000000672089_00071_42710_7197.N1	01-MAY-2010 20:45:14	Dark	67.000	61	8Eps Peg	2.1000	3900.0	134	42710	No
248	GOM_NL__2PRFIN20100501_204740_000000522089_00071_42710_7198.N1	01-MAY-2010 20:47:40	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	42710	No
249	GOM_NL__2PRFIN20100501_205127_000000632089_00071_42710_7199.N1	01-MAY-2010 20:51:27	Dark	62.500	154	22Bet Aqr	2.8990	5700.0	125	42710	No
250	GOM_NL__2PRFIN20100501_205758_000000442089_00071_42710_7200.N1	01-MAY-2010 20:57:58	Dark	43.500	172	Gam Gru	3.0030	13100.	87	42710	No
251	GOM_NL__2PRFIN20100501_211232_000000422089_00072_42711_7189.N1	01-MAY-2010 21:12:32	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	42711	No
252	GOM_NL__2PRFIN20100501_211426_000000612089_00072_42711_7190.N1	01-MAY-2010 21:14:26	Straylight	60.500	40	The Sco	1.8590	7100.0	121	42711	No
253	GOM_NL__2PRFIN20100501_211612_000000612089_00072_42711_7191.N1	01-MAY-2010 21:16:12	Straylight	61.000	25	35Lam Sco	1.6200	28000.	122	42711	No
254	GOM_NL__2PRFIN20100501_211917_000000642089_00072_42711_7192.N1	01-MAY-2010 21:19:17	Straylight	63.500	75	26Eps Sco	2.2910	4250.0	127	42711	No
255	GOM_NL__2PRFIN20100501_212300_000000692089_00072_42711_7193.N1	01-MAY-2010 21:23:00	Tw_and_stray	68.500	16	21Alp Sco	1.0200	3000.0	137	42711	No
256	GOM_NL__2PRFIN20100501_212513_000000602089_00072_42711_7194.N1	01-MAY-2010 21:25:13	Tw_and_stray	60.000	80	7Del Sco	2.3160	30000.	120	42711	No
257	GOM_NL__2PRFIN20100501_212822_000000462089_00072_42711_7195.N1	01-MAY-2010 21:28:22	Bright	45.500	122	9Alp2Lib	2.7470	9700.0	91	42711	No
258	GOM_NL__2PRFIN20100501_213038_000000492089_00072_42711_7196.N1	01-MAY-2010 21:30:38	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	42711	No
259	GOM_NL__2PRFIN20100501_213901_000000382089_00072_42711_7197.N1	01-MAY-2010 21:39:01	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	42711	No
260	GOM_NL__2PRFIN20100501_214240_000000442089_00072_42711_7198.N1	01-MAY-2010 21:42:40	Bright	43.500	83		2.3780	11000.	87	42711	No
261	GOM_NL__2PRFIN20100501_214542_000000402089_00072_42711_7199.N1	01-MAY-2010 21:45:42	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	42711	No
262	GOM_NL__2PRFIN20100501_214759_000000372089_00072_42711_7200.N1	01-MAY-2010 21:47:59	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	42711	No
263	GOM_NL__2PRFIN20100501_215514_000000462089_00072_42711_7201.N1	01-MAY-2010 21:55:14	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	42711	No
264	GOM_NL__2PRFIN20100501_220535_000000462089_00072_42711_7202.N1	01-MAY-2010 22:05:35	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42711	No
265	GOM_NL__2PRFIN20100501_221700_000000512089_00072_42711_7203.N1	01-MAY-2010 22:17:00	Bright	51.000	164	44Eta Peg	2.9480	5400.0	102	42711	No
266	GOM_NL__2PRFIN20100501_222127_000000452089_00072_42711_7204.N1	01-MAY-2010 22:21:27	Twilight	44.500	90	54Alp Peg	2.4870	11000.	89	42711	No
267	GOM_NL__2PRFIN20100501_222551_000000682089_00072_42711_7205.N1	01-MAY-2010 22:25:51	Dark	68.000	61	8Eps Peg	2.1000	3900.0	136	42711	No
268	GOM_NL__2PRFIN20100501_222817_000000542089_00072_42711_7206.N1	01-MAY-2010 22:28:17	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	42711	No
269	GOM_NL__2PRFIN20100501_223204_000000602089_00072_42711_7207.N1	01-MAY-2010 22:32:04	Dark	59.500	154	22Bet Aqr	2.8990	5700.0	119	42711	No
270	GOM_NL__2PRFIN20100501_225309_000000452089_00073_42712_7197.N1	01-MAY-2010 22:53:09	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	42712	No
271	GOM_NL__2PRFIN20100501_225503_000000532089_00073_42712_7198.N1	01-MAY-2010 22:55:03	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42712	No
272	GOM_NL__2PRFIN20100501_225649_000000592089_00073_42712_7199.N1	01-MAY-2010 22:56:49	Straylight	59.000	25	35Lam Sco	1.6200	28000.	118	42712	No
273	GOM_NL__2PRFIN20100501_225954_000000612089_00073_42712_7200.N1	01-MAY-2010 22:59:54	Straylight	60.500	75	26Eps Sco	2.2910	4250.0	121	42712	No
274	GOM_NL__2PRFIN20100501_230337_000000802089_00073_42712_7201.N1	01-MAY-2010 23:03:37	Tw_and_stray	80.000	16	21Alp Sco	1.0200	3000.0	160	42712	No
275	GOM_NL__2PRFIN20100501_230550_000000612089_00073_42712_7202.N1	01-MAY-2010 23:05:50	Tw_and_stray	60.500	80	7Del Sco	2.3160	30000.	121	42712	No
276	GOM_NL__2PRFIN20100501_230857_000000462089_00073_42712_7203.N1	01-MAY-2010 23:08:57	Bright	45.500	122	9Alp2Lib	2.7470	9700.0	91	42712	No
277	GOM_NL__2PRFIN20100501_231113_000000472089_00073_42712_7204.N1	01-MAY-2010 23:11:13	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	42712	No
278	GOM_NL__2PRFIN20100501_231937_000000382089_00073_42712_7205.N1	01-MAY-2010 23:19:37	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	42712	No

279	GOM_NL__2PRFIN20100501_232316_000000462089_00073_42712_7206.N1	01-MAY-2010 23:23:16	Bright	45.500	83		2.3780	11000.	91	42712	No
280	GOM_NL__2PRFIN20100501_232617_000000422089_00073_42712_7207.N1	01-MAY-2010 23:26:17	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	42712	No
281	GOM_NL__2PRFIN20100501_233549_000000452089_00073_42712_7208.N1	01-MAY-2010 23:35:49	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42712	No
282	GOM_NL__2PRFIN20100501_234611_000000422089_00073_42712_7209.N1	01-MAY-2010 23:46:11	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42712	No
283	GOM_NL__2PRFIN20100501_235736_000000512089_00073_42712_7210.N1	01-MAY-2010 23:57:36	Bright	50.500	164	44Eta Peg	2.9480	5400.0	101	42712	No

3. Quality information per product

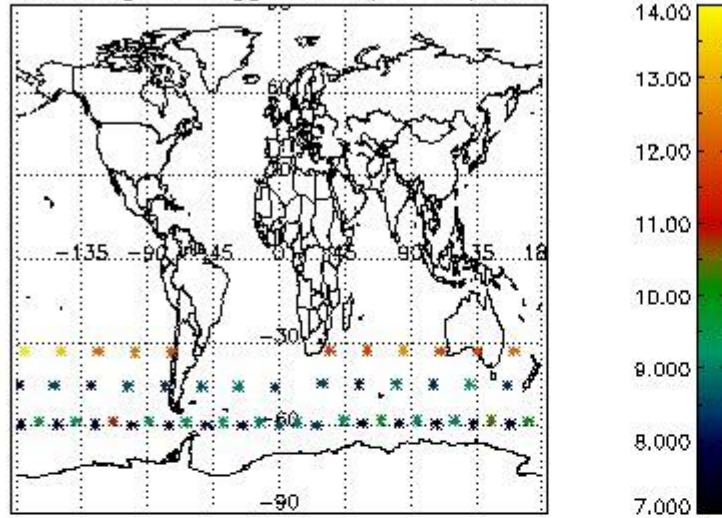
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

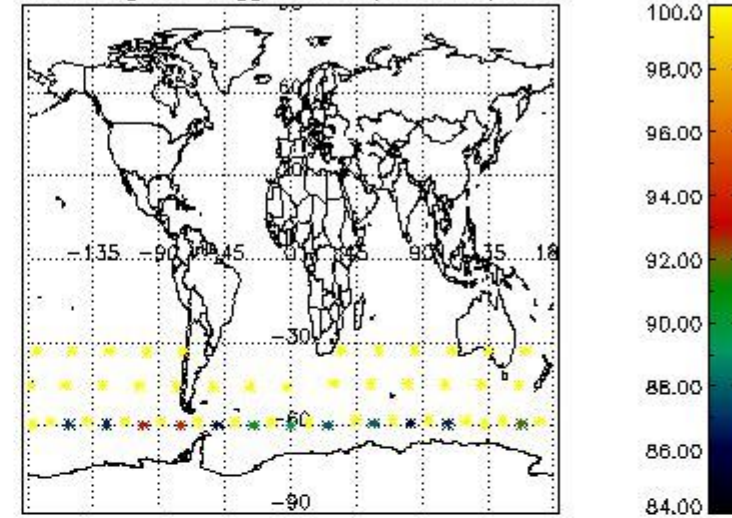


3.2 Plot quality information per product (world map)

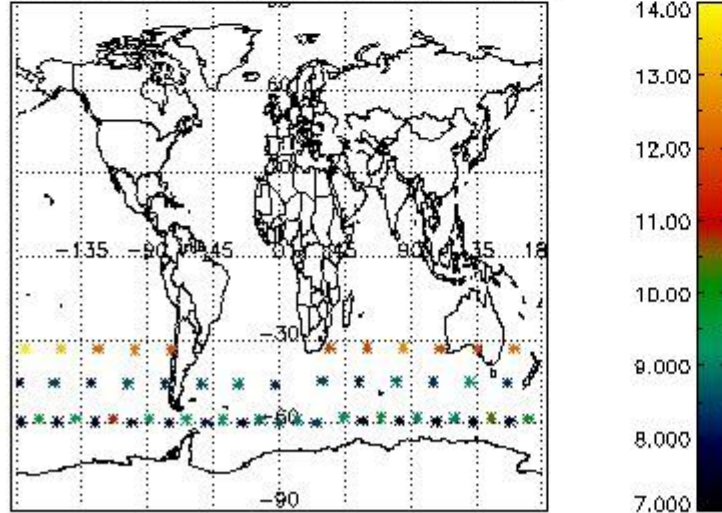
Percentage of flagged data per O3 profile



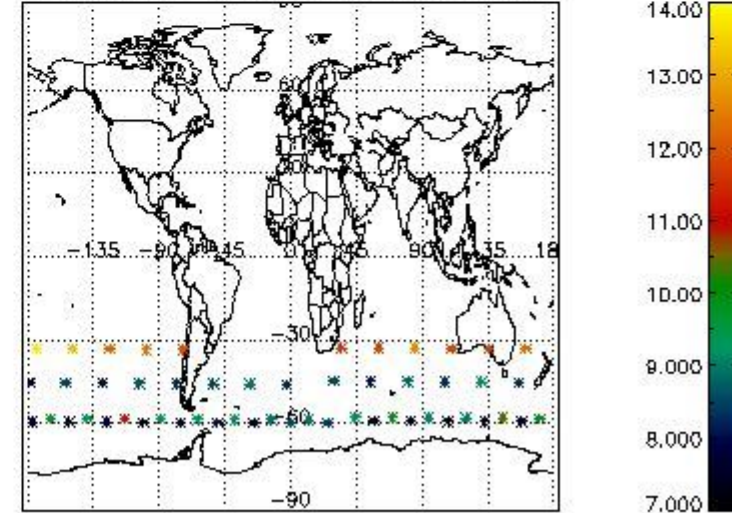
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

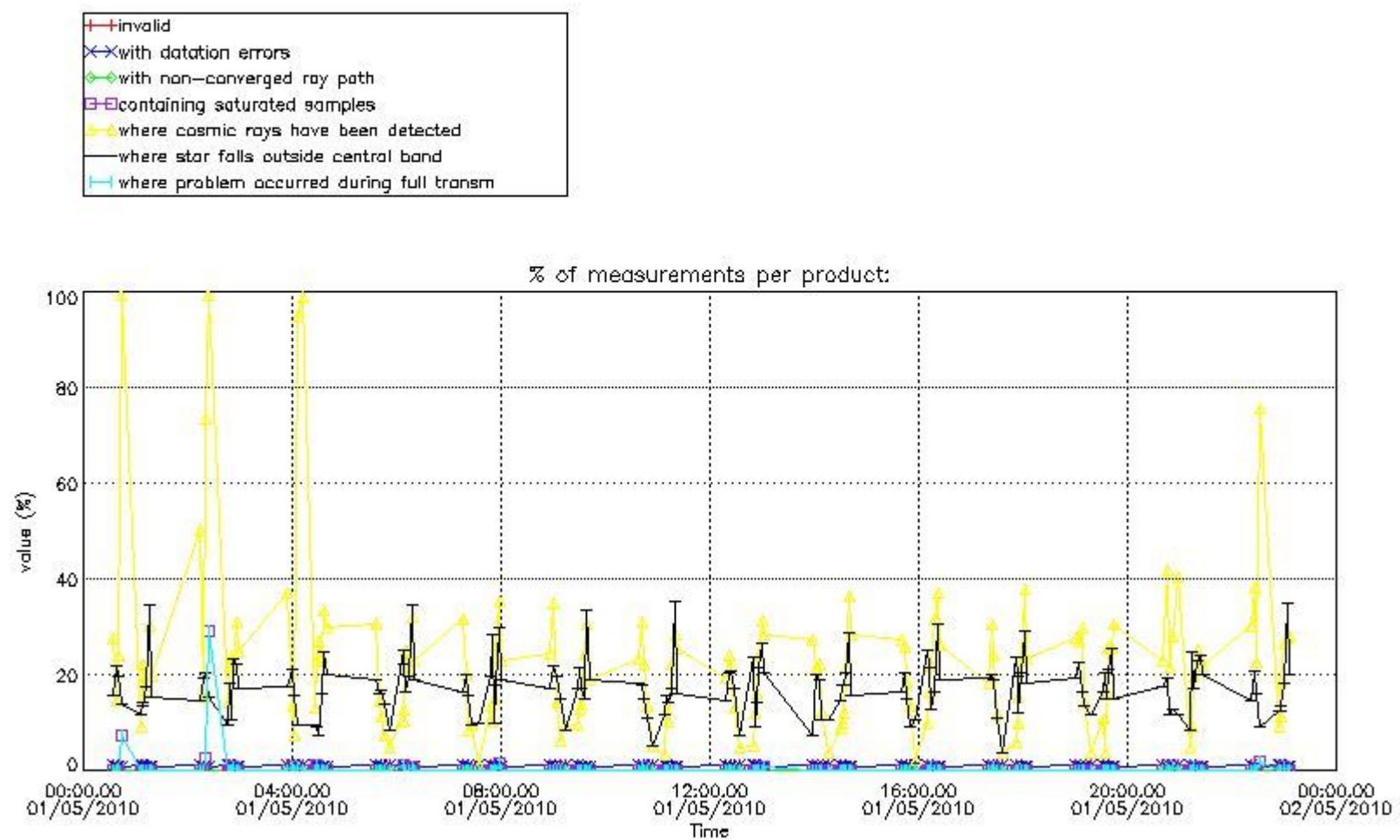


4. Level 1 quality information per product

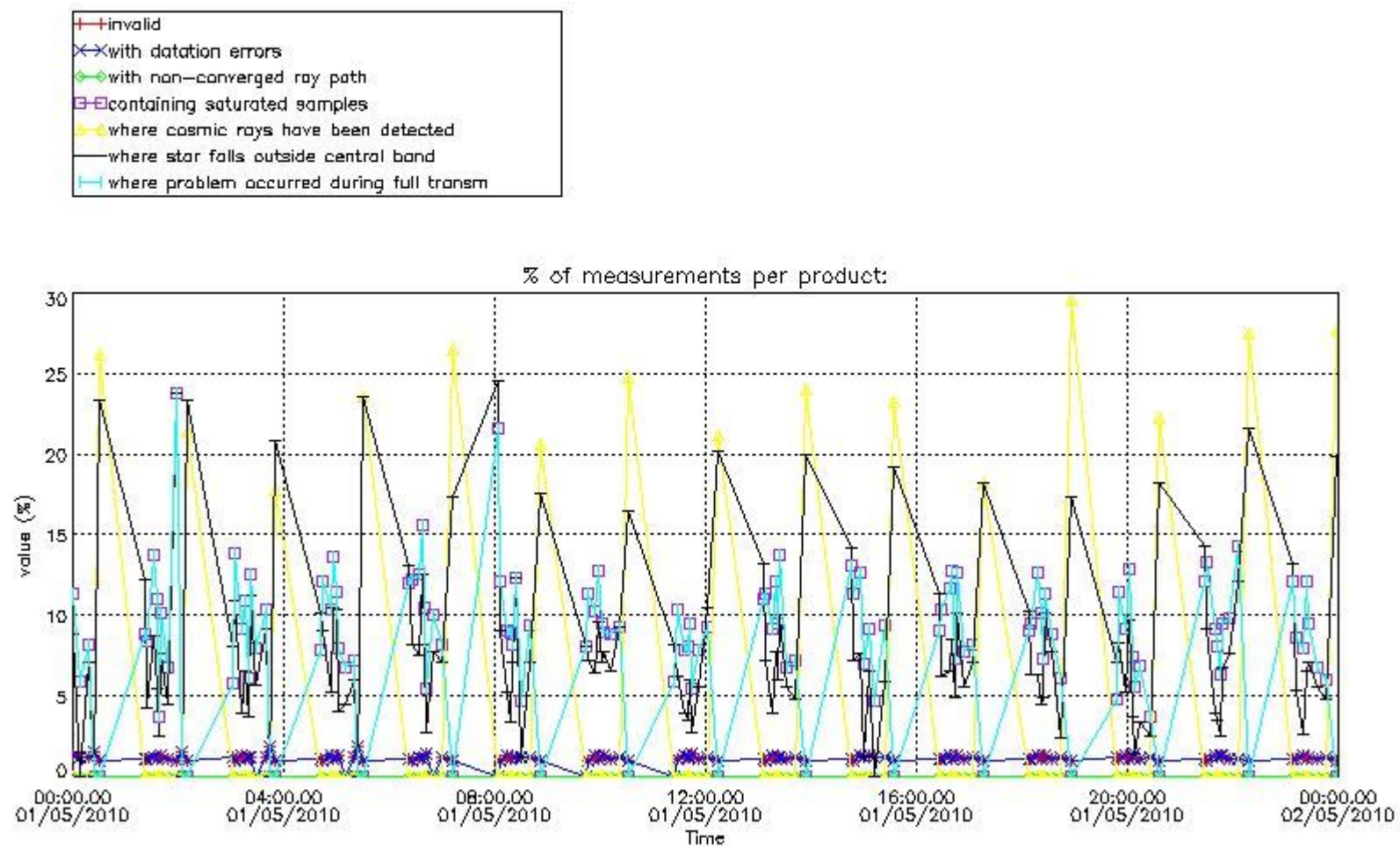
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



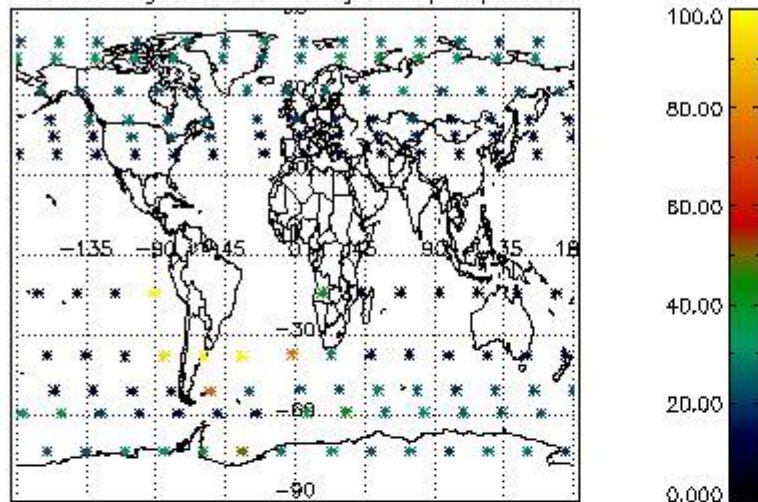
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



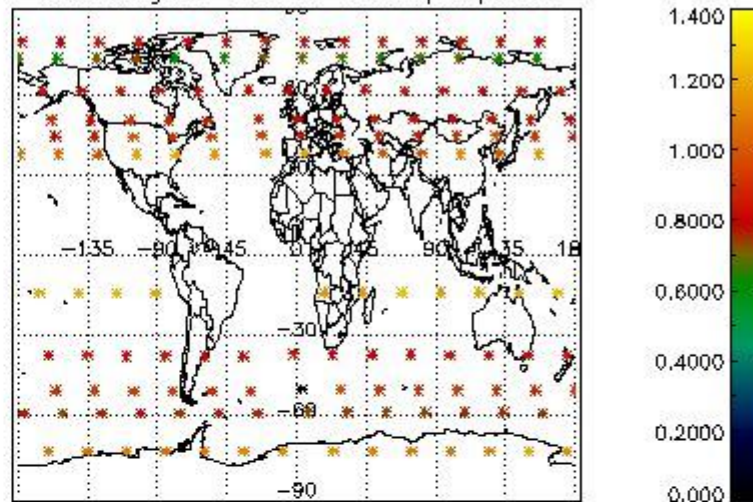
4.2 Plot quality information per product coming from level 1b processing (world map)

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

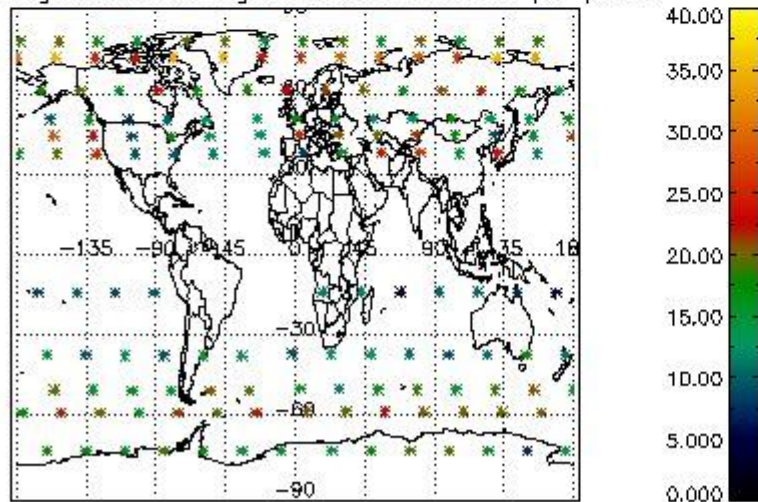
Percentage of cosmic ray hits per profile



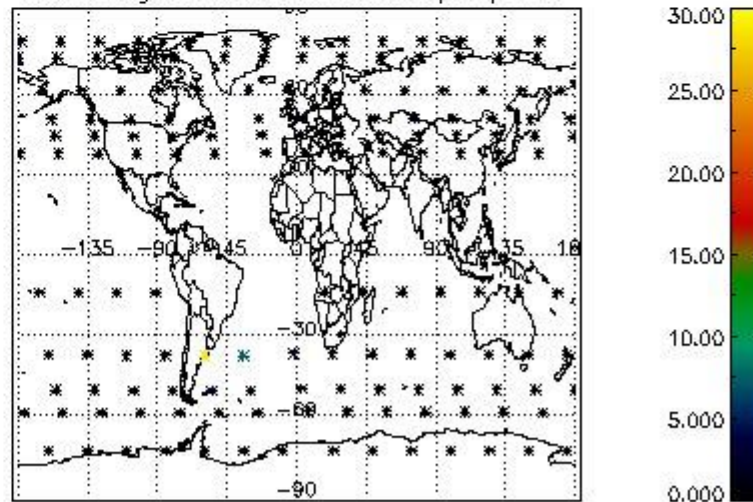
Percentage of datation errors per profile



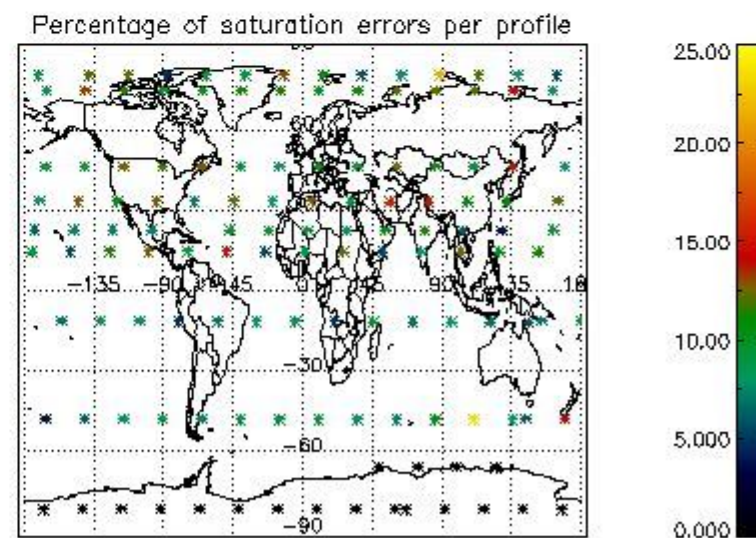
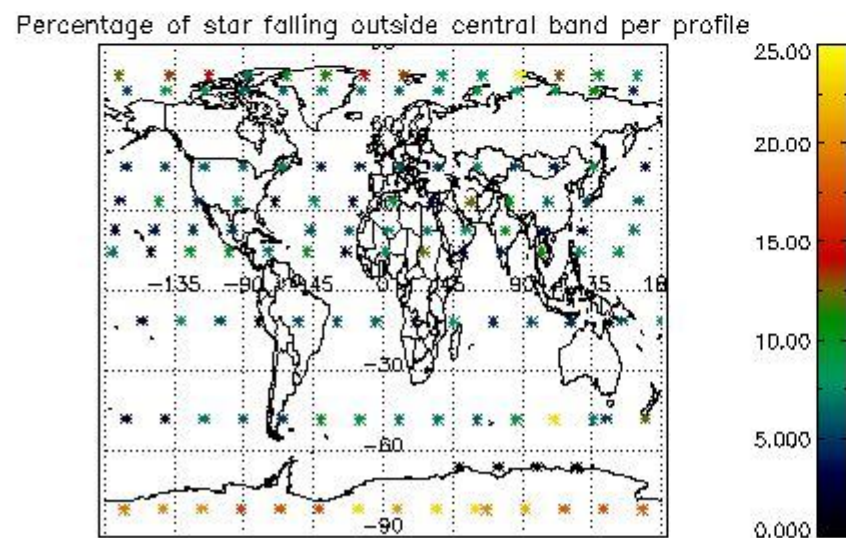
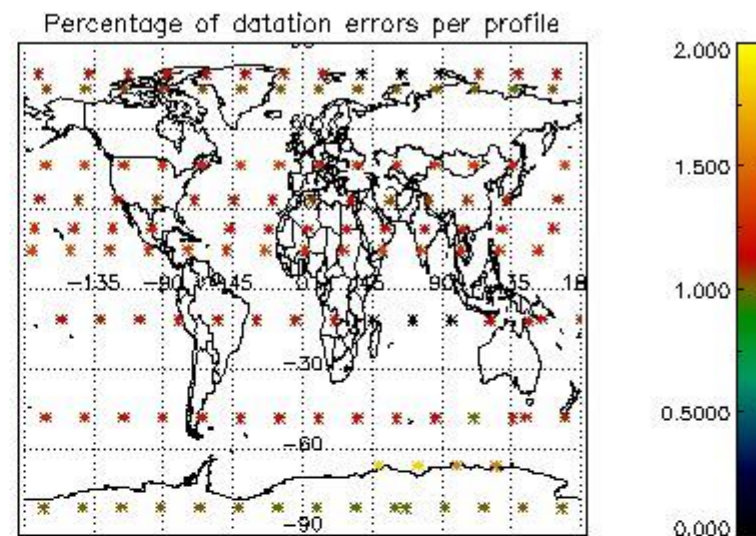
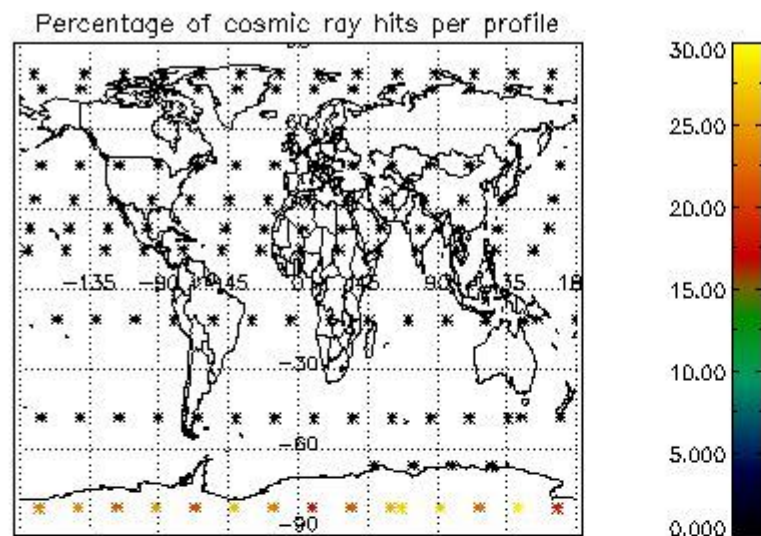
Percentage of star falling outside central band per profile



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

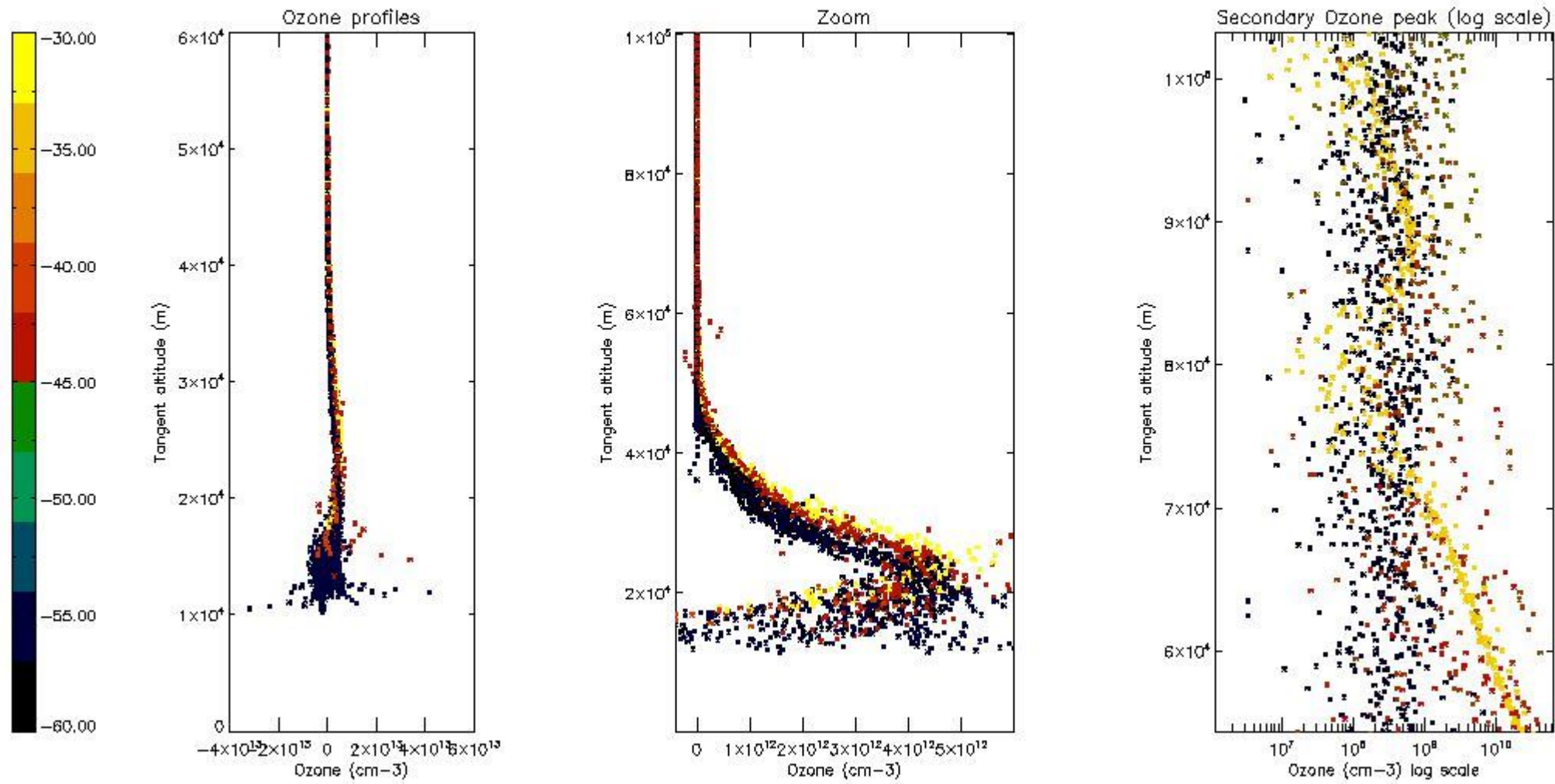
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	6

STD < 10	3
STD < 5	0

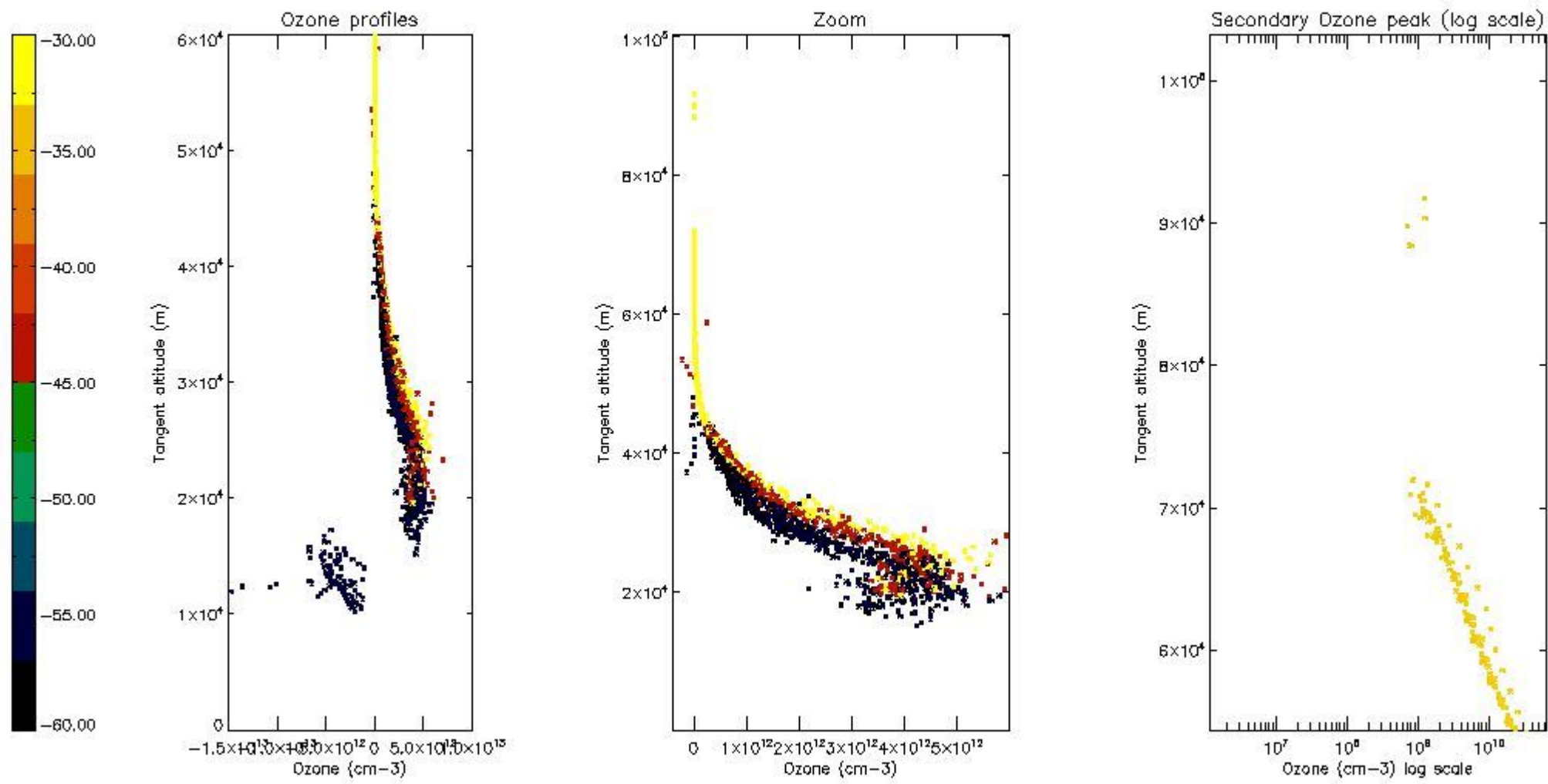
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



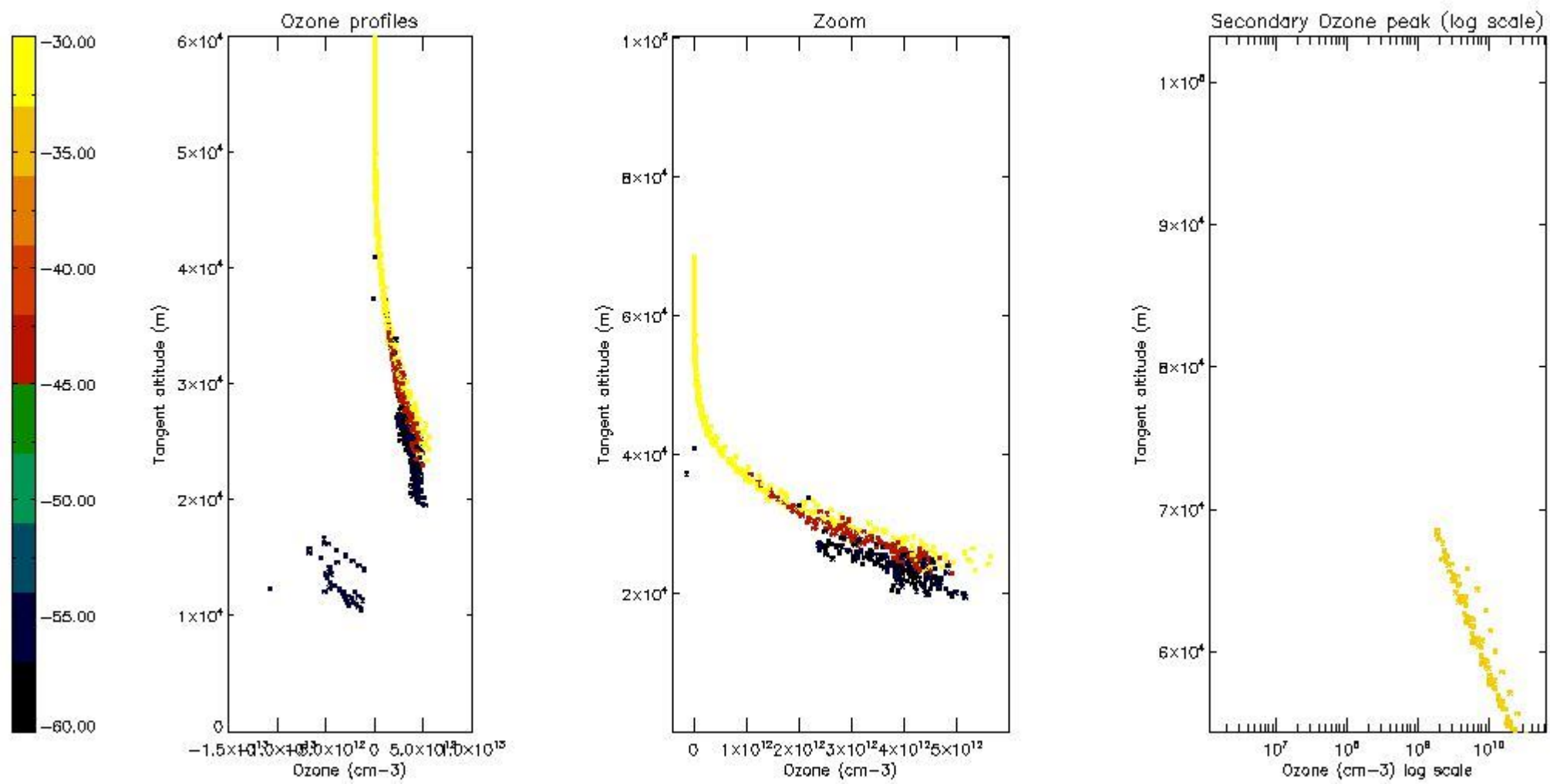
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



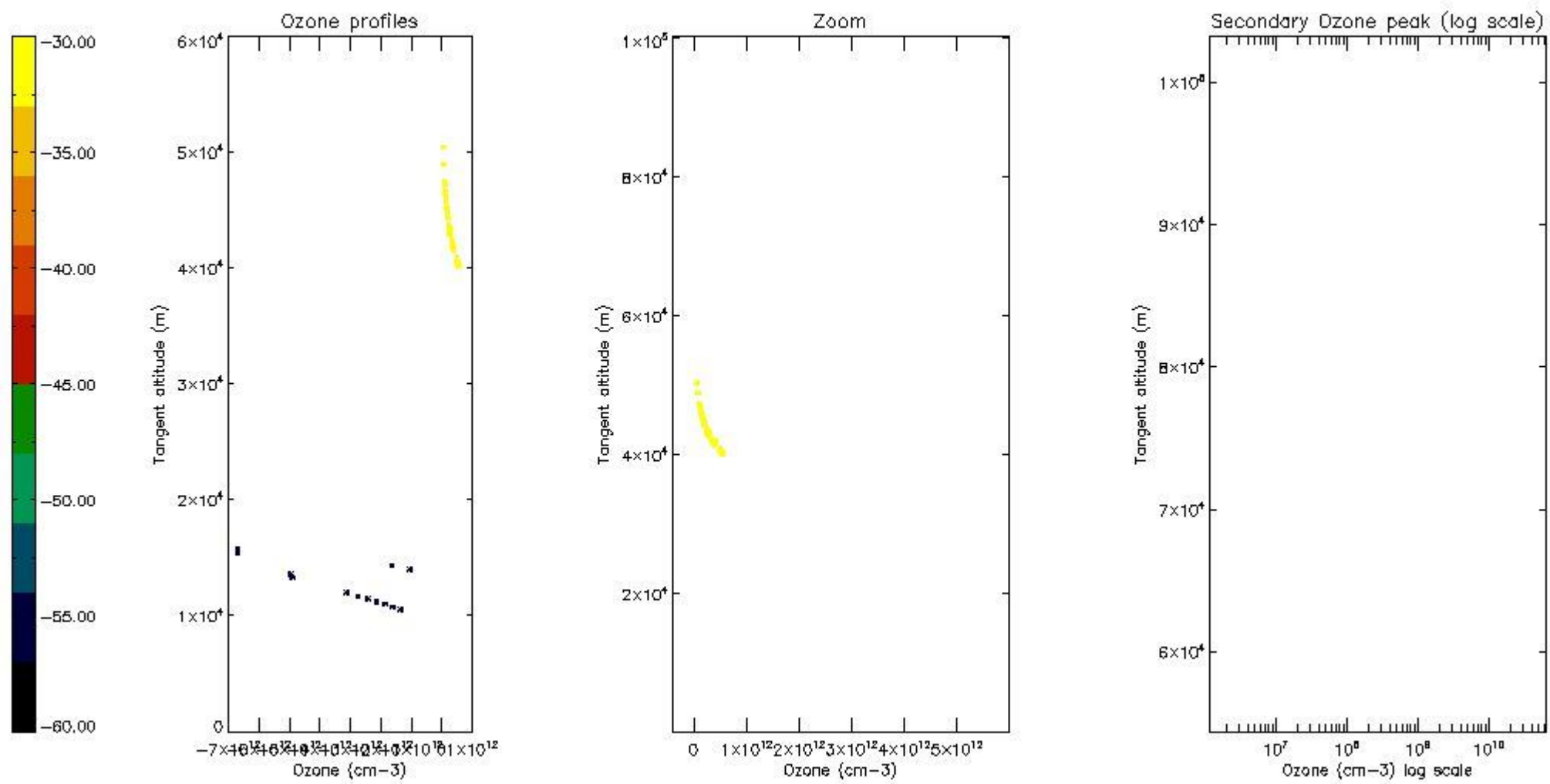
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



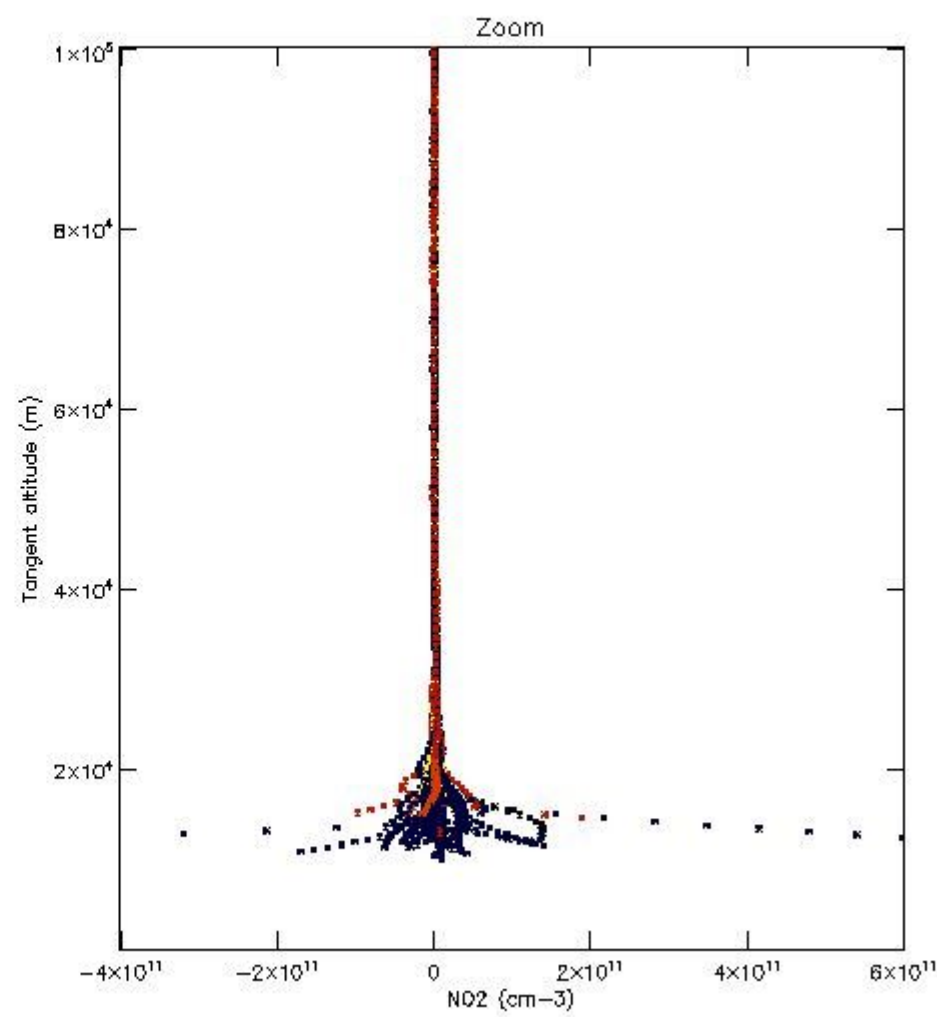
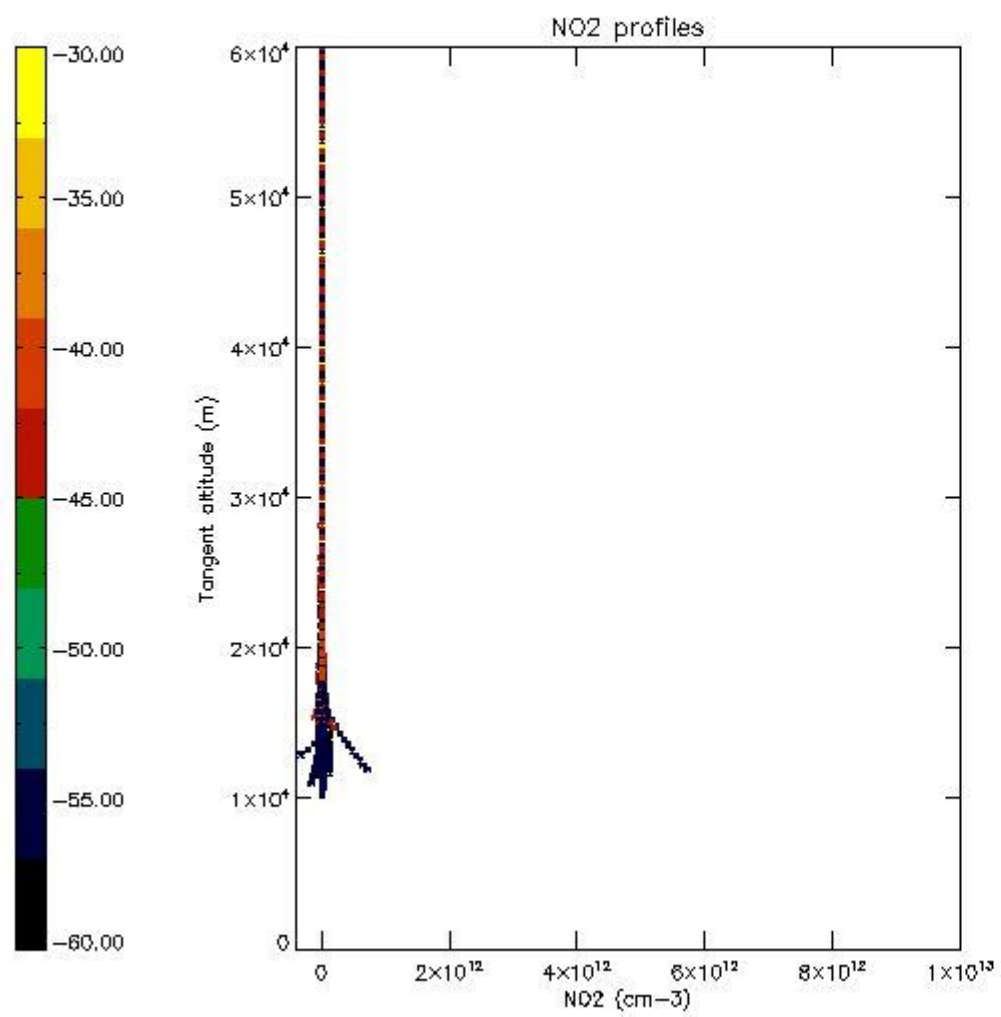
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



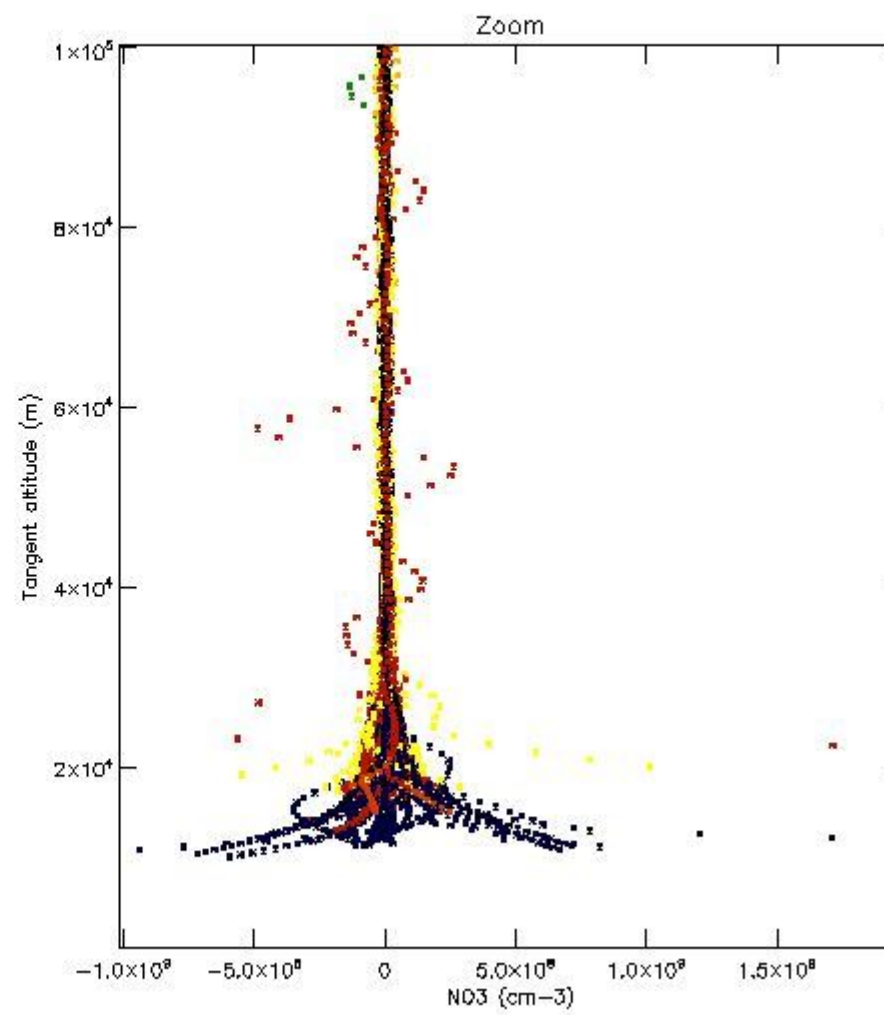
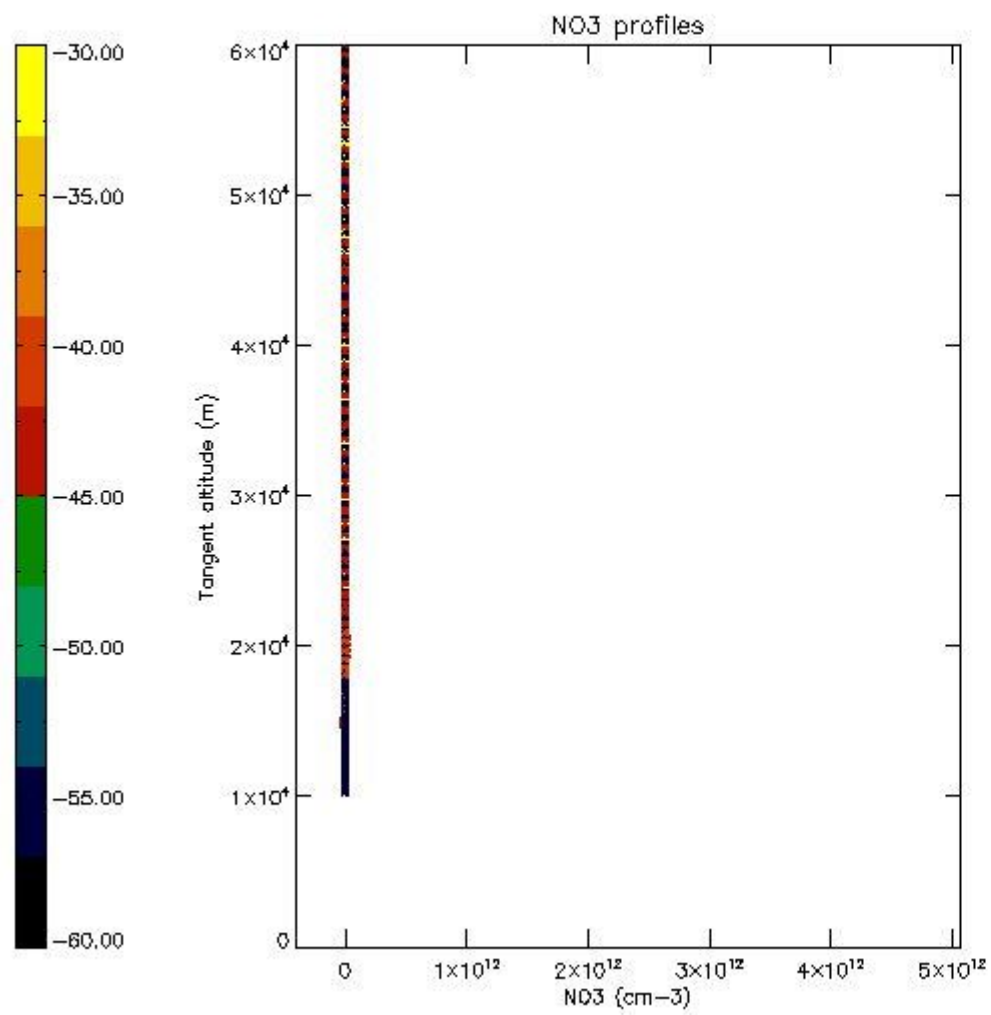
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	01-MAY-2010 00:00:14
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-MAY-2010 00:00:14
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-MAY-2010 00:00:14

GOMOS Level 2 Daily Report

SUMMARY

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

[3. Level 2 Quality information per product](#)

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

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

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

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

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

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

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

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

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

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

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

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

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

Item	Value
Time of report generation	29APR2013 10:17:19
Data source version	GOMOS/6.01
Start time of products	01-05-2010 (01MAY2010 00:00:00)
Stop time of products	02-05-2010 (02MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	283
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__2PRFIN20100501_000014_000000402089_00059_42698_7220.N1	01-MAY-2010 00:00:14	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42698	No
2	GOM_NL__2PRFIN20100501_000735_000000432089_00059_42698_7221.N1	01-MAY-2010 00:07:35	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42698	No
3	GOM_NL__2PRFIN20100501_001752_000000432089_00059_42698_7222.N1	01-MAY-2010 00:17:52	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42698	No
4	GOM_NL__2PRFIN20100501_002304_000000322089_00059_42698_7223.N1	01-MAY-2010 00:23:04	Twilight	32.000	19	50Alp Cyg	1.2460	10500.	64	42698	No
5	GOM_NL__2PRFIN20100501_002911_000000522089_00059_42698_7224.N1	01-MAY-2010 00:29:11	Bright	51.500	164	44Eta Peg	2.9480	5400.0	103	42698	No
6	GOM_NL__2PRFIN20100501_003336_000000452089_00059_42698_7225.N1	01-MAY-2010 00:33:36	Twilight	45.000	90	54Alp Peg	2.4870	11000.	90	42698	No
7	GOM_NL__2PRFIN20100501_003753_000000662089_00059_42698_7226.N1	01-MAY-2010 00:37:53	Dark	66.000	61	8Eps Peg	2.1000	3900.0	132	42698	No
8	GOM_NL__2PRFIN20100501_004019_000000572089_00059_42698_7227.N1	01-MAY-2010 00:40:19	Dark	56.500	162	34Alp Aqr	2.9440	5350.0	113	42698	No
9	GOM_NL__2PRFIN20100501_004401_000000622089_00059_42698_7228.N1	01-MAY-2010 00:44:01	Dark	61.500	154	22Bet Aqr	2.8990	5700.0	123	42698	No
10	GOM_NL__2PRFIN20100501_010514_000000442089_00060_42699_7063.N1	01-MAY-2010 01:05:14	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42699	No
11	GOM_NL__2PRFIN20100501_010704_000000542089_00060_42699_7064.N1	01-MAY-2010 01:07:04	Straylight	53.500	40	The Sco	1.8590	7100.0	107	42699	No
12	GOM_NL__2PRFIN20100501_010849_000000592089_00060_42699_7065.N1	01-MAY-2010 01:08:49	Straylight	59.000	25	35Lam Sco	1.6200	28000.	118	42699	No
13	GOM_NL__2PRFIN20100501_011157_000000602089_00060_42699_7066.N1	01-MAY-2010 01:11:57	Straylight	60.000	75	26Eps Sco	2.2910	4250.0	120	42699	No
14	GOM_NL__2PRFIN20100501_011543_000000812089_00060_42699_7067.N1	01-MAY-2010 01:15:43	Twilight	81.000	16	21Alp Sco	1.0200	3000.0	162	42699	No
15	GOM_NL__2PRFIN20100501_011758_000000592089_00060_42699_7068.N1	01-MAY-2010 01:17:58	Twilight	58.500	80	7Del Sco	2.3160	30000.	117	42699	No
16	GOM_NL__2PRFIN20100501_012109_000000452089_00060_42699_7069.N1	01-MAY-2010 01:21:09	Bright	45.000	122	9Alp2Lib	2.7470	9700.0	90	42699	No
17	GOM_NL__2PRFIN20100501_012327_000000482089_00060_42699_7070.N1	01-MAY-2010 01:23:27	Bright	47.500	104	27Bet Lib	2.6140	13100.	95	42699	No
18	GOM_NL__2PRFIN20100501_013152_000000402089_00060_42699_7071.N1	01-MAY-2010 01:31:52	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	42699	No
19	GOM_NL__2PRFIN20100501_013535_000000462089_00060_42699_7072.N1	01-MAY-2010 01:35:35	Bright	45.500	83		2.3780	11000.	91	42699	No
20	GOM_NL__2PRFIN20100501_013836_000000412089_00060_42699_7073.N1	01-MAY-2010 01:38:36	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	42699	No
21	GOM_NL__2PRFIN20100501_014049_000000402089_00060_42699_7074.N1	01-MAY-2010 01:40:49	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42699	No
22	GOM_NL__2PRFIN20100501_014810_000000452089_00060_42699_7075.N1	01-MAY-2010 01:48:10	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42699	No
23	GOM_NL__2PRFIN20100501_015828_000000512089_00060_42699_7076.N1	01-MAY-2010 01:58:28	Bright	50.500	89	5Alp Cep	2.4510	8000.0	101	42699	No
24	GOM_NL__2PRFIN20100501_020339_000000322089_00060_42699_7077.N1	01-MAY-2010 02:03:39	Twilight	32.000	19	50Alp Cyg	1.2460	10500.	64	42699	No
25	GOM_NL__2PRFIN20100501_020947_000000522089_00060_42699_7078.N1	01-MAY-2010 02:09:47	Bright	51.500	164	44Eta Peg	2.9480	5400.0	103	42699	No
26	GOM_NL__2PRFIN20100501_021412_000000452089_00060_42699_7079.N1	01-MAY-2010 02:14:12	Twilight	45.000	90	54Alp Peg	2.4870	11000.	90	42699	No
27	GOM_NL__2PRFIN20100501_021829_000000652089_00060_42699_7080.N1	01-MAY-2010 02:18:29	Dark	65.000	61	8Eps Peg	2.1000	3900.0	130	42699	No
28	GOM_NL__2PRFIN20100501_022056_000000572089_00060_42699_7081.N1	01-MAY-2010 02:20:56	Dark	56.500	162	34Alp Aqr	2.9440	5350.0	113	42699	No
29	GOM_NL__2PRFIN20100501_022438_000000622089_00060_42699_7082.N1	01-MAY-2010 02:24:38	Dark	62.000	154	22Bet Aqr	2.8990	5700.0	124	42699	No
30	GOM_NL__2PRFIN20100501_024550_000000422089_00061_42700_7071.N1	01-MAY-2010 02:45:50	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	42700	No
31	GOM_NL__2PRFIN20100501_024741_000000552089_00061_42700_7072.N1	01-MAY-2010 02:47:41	Straylight	55.000	40	The Sco	1.8590	7100.0	110	42700	No
32	GOM_NL__2PRFIN20100501_024926_000000582089_00061_42700_7073.N1	01-MAY-2010 02:49:26	Straylight	57.500	25	35Lam Sco	1.6200	28000.	115	42700	No
33	GOM_NL__2PRFIN20100501_025234_000000652089_00061_42700_7074.N1	01-MAY-2010 02:52:34	Straylight	64.500	75	26Eps Sco	2.2910	4250.0	129	42700	No
34	GOM_NL__2PRFIN20100501_025619_000000682089_00061_42700_7075.N1	01-MAY-2010 02:56:19	Twilight	68.000	16	21Alp Sco	1.0200	3000.0	136	42700	No
35	GOM_NL__2PRFIN20100501_025835_000000592089_00061_42700_7076.N1	01-MAY-2010 02:58:35	Twilight	59.000	80	7Del Sco	2.3160	30000.	118	42700	No
36	GOM_NL__2PRFIN20100501_030145_000000442089_00061_42700_7077.N1	01-MAY-2010 03:01:45	Bright	43.500	122	9Alp2Lib	2.7470	9700.0	87	42700	No
37	GOM_NL__2PRFIN20100501_030403_000000512089_00061_42700_7078.N1	01-MAY-2010 03:04:03	Bright	50.500	104	27Bet Lib	2.6140	13100.	101	42700	No
38	GOM_NL__2PRFIN20100501_031228_000000382089_00061_42700_7079.N1	01-MAY-2010 03:12:28	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	42700	No
39	GOM_NL__2PRFIN20100501_031611_000000462089_00061_42700_7080.N1	01-MAY-2010 03:16:11	Bright	46.000	83		2.3780	11000.	92	42700	No
40	GOM_NL__2PRFIN20100501_031911_000000412089_00061_42700_7081.N1	01-MAY-2010 03:19:11	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42700	No
41	GOM_NL__2PRFIN20100501_032125_000000402089_00061_42700_7082.N1	01-MAY-2010 03:21:25	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42700	No
42	GOM_NL__2PRFIN20100501_032846_000000442089_00061_42700_7083.N1	01-MAY-2010 03:28:46	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42700	No

43	GOM_NL__2PRFIN20100501_033903_000000442089_00061_42700_7084.N1	01-MAY-2010 03:39:03	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42700	No
44	GOM_NL__2PRFIN20100501_034415_000000272089_00061_42700_7085.N1	01-MAY-2010 03:44:15	Twilight	27.000	19	50Alp Cyg	1.2460	10500.	54	42700	No
45	GOM_NL__2PRFIN20100501_035023_000000512089_00061_42700_7086.N1	01-MAY-2010 03:50:23	Bright	50.500	164	44Eta Peg	2.9480	5400.0	101	42700	No
46	GOM_NL__2PRFIN20100501_035448_000000462089_00061_42700_7087.N1	01-MAY-2010 03:54:48	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	42700	No
47	GOM_NL__2PRFIN20100501_035906_000000672089_00061_42700_7088.N1	01-MAY-2010 03:59:06	Dark	66.500	61	8Eps Peg	2.1000	3900.0	133	42700	No
48	GOM_NL__2PRFIN20100501_040132_000000542089_00061_42700_7089.N1	01-MAY-2010 04:01:32	Dark	54.000	162	34Alp Aqr	2.9440	5350.0	108	42700	No
49	GOM_NL__2PRFIN20100501_040515_000000592089_00061_42700_7090.N1	01-MAY-2010 04:05:15	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	42700	No
50	GOM_NL__2PRFIN20100501_041152_000000432089_00061_42700_7091.N1	01-MAY-2010 04:11:52	Dark	42.500	172	Gam Gru	3.0030	13100.	85	42700	No
51	GOM_NL__2PRFIN20100501_042627_000000432089_00062_42701_7079.N1	01-MAY-2010 04:26:27	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	42701	No
52	GOM_NL__2PRFIN20100501_042818_000000512089_00062_42701_7080.N1	01-MAY-2010 04:28:18	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42701	No
53	GOM_NL__2PRFIN20100501_043003_000000562089_00062_42701_7081.N1	01-MAY-2010 04:30:03	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	42701	No
54	GOM_NL__2PRFIN20100501_043311_000000592089_00062_42701_7082.N1	01-MAY-2010 04:33:11	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	42701	No
55	GOM_NL__2PRFIN20100501_043656_000000712089_00062_42701_7083.N1	01-MAY-2010 04:36:56	Twilight	70.500	16	21Alp Sco	1.0200	3000.0	141	42701	No
56	GOM_NL__2PRFIN20100501_043911_000000622089_00062_42701_7084.N1	01-MAY-2010 04:39:11	Twilight	62.000	80	7Del Sco	2.3160	30000.	124	42701	No
57	GOM_NL__2PRFIN20100501_044221_000000452089_00062_42701_7085.N1	01-MAY-2010 04:42:21	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	42701	No
58	GOM_NL__2PRFIN20100501_044439_000000502089_00062_42701_7086.N1	01-MAY-2010 04:44:39	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	42701	No
59	GOM_NL__2PRFIN20100501_045304_000000392089_00062_42701_7087.N1	01-MAY-2010 04:53:04	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	42701	No
60	GOM_NL__2PRFIN20100501_045646_000000482089_00062_42701_7088.N1	01-MAY-2010 04:56:46	Bright	47.500	83		2.3780	11000.	95	42701	No
61	GOM_NL__2PRFIN20100501_045947_000000442089_00062_42701_7089.N1	01-MAY-2010 04:59:47	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	42701	No
62	GOM_NL__2PRFIN20100501_050201_000000382089_00062_42701_7090.N1	01-MAY-2010 05:02:01	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	42701	No
63	GOM_NL__2PRFIN20100501_050921_000000452089_00062_42701_7091.N1	01-MAY-2010 05:09:21	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42701	No
64	GOM_NL__2PRFIN20100501_051939_000000422089_00062_42701_7092.N1	01-MAY-2010 05:19:39	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42701	No
65	GOM_NL__2PRFIN20100501_052450_000000272089_00062_42701_7093.N1	01-MAY-2010 05:24:50	Twilight	27.000	19	50Alp Cyg	1.2460	10500.	54	42701	No
66	GOM_NL__2PRFIN20100501_053059_000000512089_00062_42701_7094.N1	01-MAY-2010 05:30:59	Bright	51.000	164	44Eta Peg	2.9480	5400.0	102	42701	No
67	GOM_NL__2PRFIN20100501_053524_000000482089_00062_42701_7095.N1	01-MAY-2010 05:35:24	Twilight	47.500	90	54Alp Peg	2.4870	11000.	95	42701	No
68	GOM_NL__2PRFIN20100501_053943_000000632089_00062_42701_7096.N1	01-MAY-2010 05:39:43	Dark	62.500	61	8Eps Peg	2.1000	3900.0	125	42701	No
69	GOM_NL__2PRFIN20100501_054209_000000542089_00062_42701_7097.N1	01-MAY-2010 05:42:09	Dark	54.000	162	34Alp Aqr	2.9440	5350.0	108	42701	No
70	GOM_NL__2PRFIN20100501_054552_000000612089_00062_42701_7098.N1	01-MAY-2010 05:45:52	Dark	61.000	154	22Bet Aqr	2.8990	5700.0	122	42701	No
71	GOM_NL__2PRFIN20100501_055228_000000412089_00062_42701_7099.N1	01-MAY-2010 05:52:28	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42701	No
72	GOM_NL__2PRFIN20100501_060703_000000522089_00063_42702_7087.N1	01-MAY-2010 06:07:03	Straylight	51.500	141	Bet Ara	2.8400	4600.0	103	42702	No
73	GOM_NL__2PRFIN20100501_060855_000000592089_00063_42702_7088.N1	01-MAY-2010 06:08:55	Straylight	59.000	40	The Sco	1.8590	7100.0	118	42702	No
74	GOM_NL__2PRFIN20100501_061040_000000622089_00063_42702_7089.N1	01-MAY-2010 06:10:40	Straylight	61.500	25	35Lam Sco	1.6200	28000.	123	42702	No
75	GOM_NL__2PRFIN20100501_061347_000000622089_00063_42702_7090.N1	01-MAY-2010 06:13:47	Straylight	61.500	75	26Eps Sco	2.2910	4250.0	123	42702	No
76	GOM_NL__2PRFIN20100501_061733_000000812089_00063_42702_7091.N1	01-MAY-2010 06:17:33	Twilight	81.000	16	21Alp Sco	1.0200	3000.0	162	42702	No
77	GOM_NL__2PRFIN20100501_061947_000000612089_00063_42702_7092.N1	01-MAY-2010 06:19:47	Twilight	61.000	80	7Del Sco	2.3160	30000.	122	42702	No
78	GOM_NL__2PRFIN20100501_062257_000000462089_00063_42702_7093.N1	01-MAY-2010 06:22:57	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	42702	No
79	GOM_NL__2PRFIN20100501_062515_000000492089_00063_42702_7094.N1	01-MAY-2010 06:25:15	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	42702	No
80	GOM_NL__2PRFIN20100501_063340_000000402089_00063_42702_7095.N1	01-MAY-2010 06:33:40	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	42702	No
81	GOM_NL__2PRFIN20100501_063722_000000482089_00063_42702_7096.N1	01-MAY-2010 06:37:22	Bright	48.000	83		2.3780	11000.	96	42702	No
82	GOM_NL__2PRFIN20100501_064022_000000432089_00063_42702_7097.N1	01-MAY-2010 06:40:22	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42702	No
83	GOM_NL__2PRFIN20100501_064237_000000372089_00063_42702_7098.N1	01-MAY-2010 06:42:37	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	42702	No
84	GOM_NL__2PRFIN20100501_064956_000000452089_00063_42702_7099.N1	01-MAY-2010 06:49:56	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	42702	No
85	GOM_NL__2PRFIN20100501_070014_000000432089_00063_42702_7100.N1	01-MAY-2010 07:00:14	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42702	No
86	GOM_NL__2PRFIN20100501_071135_000000492089_00063_42702_7101.N1	01-MAY-2010 07:11:35	Bright	49.000	164	44Eta Peg	2.9480	5400.0	98	42702	No
87	GOM_NL__2PRFIN20100501_071601_000000462089_00063_42702_7102.N1	01-MAY-2010 07:16:01	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	42702	No
88	GOM_NL__2PRFIN20100501_072020_000000662089_00063_42702_7103.N1	01-MAY-2010 07:20:20	Dark	65.500	61	8Eps Peg	2.1000	3900.0	131	42702	No
89	GOM_NL__2PRFIN20100501_072246_000000542089_00063_42702_7104.N1	01-MAY-2010 07:22:46	Dark	54.000	162	34Alp Aqr	2.9440	5350.0	108	42702	No
90	GOM_NL__2PRFIN20100501_072629_000000592089_00063_42702_7105.N1	01-MAY-2010 07:26:29	Dark	58.500	154	22Bet Aqr	2.8990	5700.0	117	42702	No
91	GOM_NL__2PRFIN20100501_073305_000000422089_00063_42702_7106.N1	01-MAY-2010 07:33:05	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42702	No
92	GOM_NL__2PRFIN20100501_074740_000000482089_00064_42703_7095.N1	01-MAY-2010 07:47:40	Straylight	48.000	141	Bet Ara	2.8400	4600.0	96	42703	No
93	GOM_NL__2PRFIN20100501_074932_000000642089_00064_42703_7096.N1	01-MAY-2010 07:49:32	Straylight	63.500	40	The Sco	1.8590	7100.0	127	42703	No
94	GOM_NL__2PRFIN20100501_075117_000000572089_00064_42703_7097.N1	01-MAY-2010 07:51:17	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	42703	No
95	GOM_NL__2PRFIN20100501_075424_000000602089_00064_42703_7098.N1	01-MAY-2010 07:54:24	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	42703	No
96	GOM_NL__2PRFIN20100501_075809_000000762089_00064_42703_7099.N1	01-MAY-2010 07:58:09	Twilight	75.500	16	21Alp Sco	1.0200	3000.0	151	42703	No
97	GOM_NL__2PRFIN20100501_080024_000000612089_00064_42703_7100.N1	01-MAY-2010 08:00:24	Twilight	61.000	80	7Del Sco	2.3160	30000.	122	42703	No
98	GOM_NL__2PRFIN20100501_080333_000000512089_00064_42703_7101.N1	01-MAY-2010 08:03:33	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42703	No
99	GOM_NL__2PRFIN20100501_080550_000000502089_00064_42703_7102.N1	01-MAY-2010 08:05:50	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	42703	No
100	GOM_NL__2PRFIN20100501_081415_000000392089_00064_42703_7103.N1	01-MAY-2010 08:14:15	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	42703	No
101	GOM_NL__2PRFIN20100501_081757_000000452089_00064_42703_7104.N1	01-MAY-2010 08:17:57	Bright	44.500	83		2.3780	11000.	89	42703	No

102	GOM_NL__2PRFIN20100501_082058_000000432089_00064_42703_7105.N1	01-MAY-2010 08:20:58	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	42703	No
103	GOM_NL__2PRFIN20100501_082313_000000412089_00064_42703_7106.N1	01-MAY-2010 08:23:13	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42703	No
104	GOM_NL__2PRFIN20100501_083031_000000432089_00064_42703_7107.N1	01-MAY-2010 08:30:31	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42703	No
105	GOM_NL__2PRFIN20100501_084050_000000432089_00064_42703_7108.N1	01-MAY-2010 08:40:50	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42703	No
106	GOM_NL__2PRFIN20100501_085211_000000492089_00064_42703_7109.N1	01-MAY-2010 08:52:11	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	42703	No
107	GOM_NL__2PRFIN20100501_085637_000000472089_00064_42703_7110.N1	01-MAY-2010 08:56:37	Twilight	47.000	90	54Alp Peg	2.4870	11000.	94	42703	No
108	GOM_NL__2PRFIN20100501_090057_000000692089_00064_42703_7111.N1	01-MAY-2010 09:00:57	Dark	68.500	61	8Eps Peg	2.1000	3900.0	137	42703	No
109	GOM_NL__2PRFIN20100501_090323_000000562089_00064_42703_7112.N1	01-MAY-2010 09:03:23	Dark	56.000	162	34Alp Aqr	2.9440	5350.0	112	42703	No
110	GOM_NL__2PRFIN20100501_090707_000000632089_00064_42703_7113.N1	01-MAY-2010 09:07:07	Dark	63.000	154	22Bet Aqr	2.8990	5700.0	126	42703	No
111	GOM_NL__2PRFIN20100501_091342_000000422089_00064_42703_7114.N1	01-MAY-2010 09:13:42	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42703	No
112	GOM_NL__2PRFIN20100501_092817_000000472089_00065_42704_7103.N1	01-MAY-2010 09:28:17	Straylight	47.000	141	Bet Ara	2.8400	4600.0	94	42704	No
113	GOM_NL__2PRFIN20100501_093009_000000592089_00065_42704_7104.N1	01-MAY-2010 09:30:09	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42704	No
114	GOM_NL__2PRFIN20100501_093154_000000622089_00065_42704_7105.N1	01-MAY-2010 09:31:54	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	42704	No
115	GOM_NL__2PRFIN20100501_093500_000000582089_00065_42704_7106.N1	01-MAY-2010 09:35:00	Straylight	57.500	75	26Eps Sco	2.2910	4250.0	115	42704	No
116	GOM_NL__2PRFIN20100501_093845_000000812089_00065_42704_7107.N1	01-MAY-2010 09:38:45	Tw_and_stray	80.500	16	21Alp Sco	1.0200	3000.0	161	42704	No
117	GOM_NL__2PRFIN20100501_094100_000000612089_00065_42704_7108.N1	01-MAY-2010 09:41:00	Tw_and_stray	61.000	80	7Del Sco	2.3160	30000.	122	42704	No
118	GOM_NL__2PRFIN20100501_094409_000000442089_00065_42704_7109.N1	01-MAY-2010 09:44:09	Bright	43.500	122	9Alp2Lib	2.7470	9700.0	87	42704	No
119	GOM_NL__2PRFIN20100501_094626_000000492089_00065_42704_7110.N1	01-MAY-2010 09:46:26	Bright	48.500	104	27Bet Lib	2.6140	13100.	97	42704	No
120	GOM_NL__2PRFIN20100501_095451_000000392089_00065_42704_7111.N1	01-MAY-2010 09:54:51	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	42704	No
121	GOM_NL__2PRFIN20100501_095833_000000472089_00065_42704_7112.N1	01-MAY-2010 09:58:33	Bright	47.000	83		2.3780	11000.	94	42704	No
122	GOM_NL__2PRFIN20100501_100133_000000422089_00065_42704_7113.N1	01-MAY-2010 10:01:33	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	42704	No
123	GOM_NL__2PRFIN20100501_100348_000000392089_00065_42704_7114.N1	01-MAY-2010 10:03:48	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42704	No
124	GOM_NL__2PRFIN20100501_101107_000000462089_00065_42704_7115.N1	01-MAY-2010 10:11:07	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	42704	No
125	GOM_NL__2PRFIN20100501_102126_000000432089_00065_42704_7116.N1	01-MAY-2010 10:21:26	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42704	No
126	GOM_NL__2PRFIN20100501_103247_000000492089_00065_42704_7117.N1	01-MAY-2010 10:32:47	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	42704	No
127	GOM_NL__2PRFIN20100501_103713_000000472089_00065_42704_7118.N1	01-MAY-2010 10:37:13	Twilight	47.000	90	54Alp Peg	2.4870	11000.	94	42704	No
128	GOM_NL__2PRFIN20100501_104134_000000652089_00065_42704_7119.N1	01-MAY-2010 10:41:34	Dark	65.000	61	8Eps Peg	2.1000	3900.0	130	42704	No
129	GOM_NL__2PRFIN20100501_104359_000000542089_00065_42704_7120.N1	01-MAY-2010 10:43:59	Dark	54.000	162	34Alp Aqr	2.9440	5350.0	108	42704	No
130	GOM_NL__2PRFIN20100501_104744_000000602089_00065_42704_7121.N1	01-MAY-2010 10:47:44	Dark	59.500	154	22Bet Aqr	2.8990	5700.0	119	42704	No
131	GOM_NL__2PRFIN20100501_105418_000000412089_00065_42704_7122.N1	01-MAY-2010 10:54:18	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42704	No
132	GOM_NL__2PRFIN20100501_110853_000000442089_00066_42705_7111.N1	01-MAY-2010 11:08:53	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42705	No
133	GOM_NL__2PRFIN20100501_111045_000000552089_00066_42705_7112.N1	01-MAY-2010 11:10:45	Straylight	54.500	40	The Sco	1.8590	7100.0	109	42705	No
134	GOM_NL__2PRFIN20100501_111231_000000602089_00066_42705_7113.N1	01-MAY-2010 11:12:31	Straylight	60.000	25	35Lam Sco	1.6200	28000.	120	42705	No
135	GOM_NL__2PRFIN20100501_111537_000000592089_00066_42705_7114.N1	01-MAY-2010 11:15:37	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	42705	No
136	GOM_NL__2PRFIN20100501_111922_000000812089_00066_42705_7115.N1	01-MAY-2010 11:19:22	Tw_and_stray	81.000	16	21Alp Sco	1.0200	3000.0	162	42705	No
137	GOM_NL__2PRFIN20100501_112136_000000592089_00066_42705_7116.N1	01-MAY-2010 11:21:36	Tw_and_stray	59.000	80	7Del Sco	2.3160	30000.	118	42705	No
138	GOM_NL__2PRFIN20100501_112445_000000432089_00066_42705_7117.N1	01-MAY-2010 11:24:45	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	42705	No
139	GOM_NL__2PRFIN20100501_112702_000000482089_00066_42705_7118.N1	01-MAY-2010 11:27:02	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	42705	No
140	GOM_NL__2PRFIN20100501_113527_000000382089_00066_42705_7119.N1	01-MAY-2010 11:35:27	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	42705	No
141	GOM_NL__2PRFIN20100501_113908_000000442089_00066_42705_7120.N1	01-MAY-2010 11:39:08	Bright	43.500	83		2.3780	11000.	87	42705	No
142	GOM_NL__2PRFIN20100501_114208_000000422089_00066_42705_7121.N1	01-MAY-2010 11:42:08	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	42705	No
143	GOM_NL__2PRFIN20100501_114424_000000372089_00066_42705_7122.N1	01-MAY-2010 11:44:24	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	42705	No
144	GOM_NL__2PRFIN20100501_115142_000000452089_00066_42705_7123.N1	01-MAY-2010 11:51:42	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42705	No
145	GOM_NL__2PRFIN20100501_120202_000000432089_00066_42705_7124.N1	01-MAY-2010 12:02:02	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42705	No
146	GOM_NL__2PRFIN20100501_121324_000000502089_00066_42705_7125.N1	01-MAY-2010 12:13:24	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	42705	No
147	GOM_NL__2PRFIN20100501_121750_000000452089_00066_42705_7126.N1	01-MAY-2010 12:17:50	Twilight	44.500	90	54Alp Peg	2.4870	11000.	89	42705	No
148	GOM_NL__2PRFIN20100501_122210_000000672089_00066_42705_7127.N1	01-MAY-2010 12:22:10	Dark	66.500	61	8Eps Peg	2.1000	3900.0	133	42705	No
149	GOM_NL__2PRFIN20100501_122436_000000582089_00066_42705_7128.N1	01-MAY-2010 12:24:36	Dark	57.500	162	34Alp Aqr	2.9440	5350.0	115	42705	No
150	GOM_NL__2PRFIN20100501_122821_000000652089_00066_42705_7129.N1	01-MAY-2010 12:28:21	Dark	64.500	154	22Bet Aqr	2.8990	5700.0	129	42705	No
151	GOM_NL__2PRFIN20100501_123455_000000422089_00066_42705_7130.N1	01-MAY-2010 12:34:55	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42705	No
152	GOM_NL__2PRFIN20100501_124929_000000512089_00067_42706_7119.N1	01-MAY-2010 12:49:29	Straylight	50.500	141	Bet Ara	2.8400	4600.0	101	42706	No
153	GOM_NL__2PRFIN20100501_125122_000000512089_00067_42706_7120.N1	01-MAY-2010 12:51:22	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42706	No
154	GOM_NL__2PRFIN20100501_125307_000000602089_00067_42706_7121.N1	01-MAY-2010 12:53:07	Straylight	60.000	25	35Lam Sco	1.6200	28000.	120	42706	No
155	GOM_NL__2PRFIN20100501_125614_000000632089_00067_42706_7122.N1	01-MAY-2010 12:56:14	Straylight	62.500	75	26Eps Sco	2.2910	4250.0	125	42706	No
156	GOM_NL__2PRFIN20100501_125958_000000722089_00067_42706_7123.N1	01-MAY-2010 12:59:58	Tw_and_stray	72.000	16	21Alp Sco	1.0200	3000.0	144	42706	No
157	GOM_NL__2PRFIN20100501_130212_000000622089_00067_42706_7124.N1	01-MAY-2010 13:02:12	Tw_and_stray	61.500	80	7Del Sco	2.3160	30000.	123	42706	No
158	GOM_NL__2PRFIN20100501_130521_000000462089_00067_42706_7125.N1	01-MAY-2010 13:05:21	Bright	45.500	122	9Alp2Lib	2.7470	9700.0	91	42706	No
159	GOM_NL__2PRFIN20100501_130738_000000492089_00067_42706_7126.N1	01-MAY-2010 13:07:38	Bright	48.500	104	27Bet Lib	2.6140	13100.	97	42706	No
160	GOM_NL__2PRFIN20100501_131603_000000382089_00067_42706_7127.N1	01-MAY-2010 13:16:03	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	42706	No

161	GOM_NL__2PRFIN20100501_131943_000000462089_00067_42706_7128.N1	01-MAY-2010 13:19:43	Bright	45.500	83		2.3780	11000.	91	42706	No
162	GOM_NL__2PRFIN20100501_132244_000000422089_00067_42706_7129.N1	01-MAY-2010 13:22:44	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	42706	No
163	GOM_NL__2PRFIN20100501_132459_000000402089_00067_42706_7130.N1	01-MAY-2010 13:24:59	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42706	No
164	GOM_NL__2PRFIN20100501_133217_000000452089_00067_42706_7131.N1	01-MAY-2010 13:32:17	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42706	No
165	GOM_NL__2PRFIN20100501_134237_000000422089_00067_42706_7132.N1	01-MAY-2010 13:42:37	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42706	No
166	GOM_NL__2PRFIN20100501_135400_000000502089_00067_42706_7133.N1	01-MAY-2010 13:54:00	Bright	50.000	164	44Eta Peg	2.9480	5400.0	100	42706	No
167	GOM_NL__2PRFIN20100501_135826_000000422089_00067_42706_7134.N1	01-MAY-2010 13:58:26	Twilight	42.000	90	54Alp Peg	2.4870	11000.	84	42706	No
168	GOM_NL__2PRFIN20100501_140247_000000662089_00067_42706_7135.N1	01-MAY-2010 14:02:47	Dark	65.500	61	8Eps Peg	2.1000	3900.0	131	42706	No
169	GOM_NL__2PRFIN20100501_140513_000000562089_00067_42706_7136.N1	01-MAY-2010 14:05:13	Dark	56.000	162	34Alp Aqr	2.9440	5350.0	112	42706	No
170	GOM_NL__2PRFIN20100501_140858_000000612089_00067_42706_7137.N1	01-MAY-2010 14:08:58	Dark	61.000	154	22Bet Aqr	2.8990	5700.0	122	42706	No
171	GOM_NL__2PRFIN20100501_141532_000000432089_00067_42706_7138.N1	01-MAY-2010 14:15:32	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42706	No
172	GOM_NL__2PRFIN20100501_143006_000000452089_00068_42707_7129.N1	01-MAY-2010 14:30:06	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	42707	No
173	GOM_NL__2PRFIN20100501_143159_000000562089_00068_42707_7130.N1	01-MAY-2010 14:31:59	Straylight	56.000	40	The Sco	1.8590	7100.0	112	42707	No
174	GOM_NL__2PRFIN20100501_143344_000000622089_00068_42707_7131.N1	01-MAY-2010 14:33:44	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	42707	No
175	GOM_NL__2PRFIN20100501_143651_000000612089_00068_42707_7132.N1	01-MAY-2010 14:36:51	Straylight	61.000	75	26Eps Sco	2.2910	4250.0	122	42707	No
176	GOM_NL__2PRFIN20100501_144035_000000752089_00068_42707_7133.N1	01-MAY-2010 14:40:35	Twilight	74.500	16	21Alp Sco	1.0200	3000.0	149	42707	No
177	GOM_NL__2PRFIN20100501_144249_000000582089_00068_42707_7134.N1	01-MAY-2010 14:42:49	Twilight	58.000	80	7Del Sco	2.3160	30000.	116	42707	No
178	GOM_NL__2PRFIN20100501_144557_000000462089_00068_42707_7135.N1	01-MAY-2010 14:45:57	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	42707	No
179	GOM_NL__2PRFIN20100501_144814_000000492089_00068_42707_7136.N1	01-MAY-2010 14:48:14	Bright	48.500	104	27Bet Lib	2.6140	13100.	97	42707	No
180	GOM_NL__2PRFIN20100501_145638_000000402089_00068_42707_7137.N1	01-MAY-2010 14:56:38	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	42707	No
181	GOM_NL__2PRFIN20100501_150019_000000432089_00068_42707_7138.N1	01-MAY-2010 15:00:19	Bright	43.000	83		2.3780	11000.	86	42707	No
182	GOM_NL__2PRFIN20100501_150535_000000382089_00068_42707_7139.N1	01-MAY-2010 15:05:35	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	42707	No
183	GOM_NL__2PRFIN20100501_151253_000000432089_00068_42707_7140.N1	01-MAY-2010 15:12:53	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42707	No
184	GOM_NL__2PRFIN20100501_152313_000000432089_00068_42707_7141.N1	01-MAY-2010 15:23:13	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42707	No
185	GOM_NL__2PRFIN20100501_153436_000000502089_00068_42707_7142.N1	01-MAY-2010 15:34:36	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	42707	No
186	GOM_NL__2PRFIN20100501_153902_000000462089_00068_42707_7143.N1	01-MAY-2010 15:39:02	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	42707	No
187	GOM_NL__2PRFIN20100501_154324_000000662089_00068_42707_7144.N1	01-MAY-2010 15:43:24	Dark	66.000	61	8Eps Peg	2.1000	3900.0	132	42707	No
188	GOM_NL__2PRFIN20100501_154549_000000542089_00068_42707_7145.N1	01-MAY-2010 15:45:49	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	42707	No
189	GOM_NL__2PRFIN20100501_154935_000000602089_00068_42707_7146.N1	01-MAY-2010 15:49:35	Dark	59.500	154	22Bet Aqr	2.8990	5700.0	119	42707	No
190	GOM_NL__2PRFIN20100501_155608_000000432089_00068_42707_7147.N1	01-MAY-2010 15:56:08	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42707	No
191	GOM_NL__2PRFIN20100501_161043_000000522089_00069_42708_7137.N1	01-MAY-2010 16:10:43	Straylight	51.500	141	Bet Ara	2.8400	4600.0	103	42708	No
192	GOM_NL__2PRFIN20100501_161236_000000592089_00069_42708_7138.N1	01-MAY-2010 16:12:36	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42708	No
193	GOM_NL__2PRFIN20100501_161421_000000602089_00069_42708_7139.N1	01-MAY-2010 16:14:21	Straylight	59.500	25	35Lam Sco	1.6200	28000.	119	42708	No
194	GOM_NL__2PRFIN20100501_161727_000000592089_00069_42708_7140.N1	01-MAY-2010 16:17:27	Straylight	58.500	75	26Eps Sco	2.2910	4250.0	117	42708	No
195	GOM_NL__2PRFIN20100501_162111_000000772089_00069_42708_7141.N1	01-MAY-2010 16:21:11	Twilight	76.500	16	21Alp Sco	1.0200	3000.0	153	42708	No
196	GOM_NL__2PRFIN20100501_162325_000000612089_00069_42708_7142.N1	01-MAY-2010 16:23:25	Twilight	61.000	80	7Del Sco	2.3160	30000.	122	42708	No
197	GOM_NL__2PRFIN20100501_162633_000000442089_00069_42708_7143.N1	01-MAY-2010 16:26:33	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	42708	No
198	GOM_NL__2PRFIN20100501_162850_000000482089_00069_42708_7144.N1	01-MAY-2010 16:28:50	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	42708	No
199	GOM_NL__2PRFIN20100501_163715_000000392089_00069_42708_7145.N1	01-MAY-2010 16:37:15	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	42708	No
200	GOM_NL__2PRFIN20100501_164054_000000472089_00069_42708_7146.N1	01-MAY-2010 16:40:54	Bright	47.000	83		2.3780	11000.	94	42708	No
201	GOM_NL__2PRFIN20100501_164355_000000412089_00069_42708_7147.N1	01-MAY-2010 16:43:55	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42708	No
202	GOM_NL__2PRFIN20100501_164611_000000402089_00069_42708_7148.N1	01-MAY-2010 16:46:11	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42708	No
203	GOM_NL__2PRFIN20100501_165328_000000452089_00069_42708_7149.N1	01-MAY-2010 16:53:28	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	42708	No
204	GOM_NL__2PRFIN20100501_170348_000000432089_00069_42708_7150.N1	01-MAY-2010 17:03:48	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42708	No
205	GOM_NL__2PRFIN20100501_171512_000000502089_00069_42708_7151.N1	01-MAY-2010 17:15:12	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	42708	No
206	GOM_NL__2PRFIN20100501_171939_000000472089_00069_42708_7152.N1	01-MAY-2010 17:19:39	Twilight	47.000	90	54Alp Peg	2.4870	11000.	94	42708	No
207	GOM_NL__2PRFIN20100501_172401_000000672089_00069_42708_7153.N1	01-MAY-2010 17:24:01	Dark	67.000	61	8Eps Peg	2.1000	3900.0	134	42708	No
208	GOM_NL__2PRFIN20100501_172626_000000562089_00069_42708_7154.N1	01-MAY-2010 17:26:26	Dark	56.000	162	34Alp Aqr	2.9440	5350.0	112	42708	No
209	GOM_NL__2PRFIN20100501_173013_000000612089_00069_42708_7155.N1	01-MAY-2010 17:30:13	Dark	60.500	154	22Bet Aqr	2.8990	5700.0	121	42708	No
210	GOM_NL__2PRFIN20100501_173645_000000402089_00069_42708_7156.N1	01-MAY-2010 17:36:45	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42708	No
211	GOM_NL__2PRFIN20100501_175119_000000512089_00070_42709_7173.N1	01-MAY-2010 17:51:19	Straylight	50.500	141	Bet Ara	2.8400	4600.0	101	42709	No
212	GOM_NL__2PRFIN20100501_175313_000000572089_00070_42709_7174.N1	01-MAY-2010 17:53:13	Straylight	56.500	40	The Sco	1.8590	7100.0	113	42709	No
213	GOM_NL__2PRFIN20100501_175458_000000592089_00070_42709_7175.N1	01-MAY-2010 17:54:58	Straylight	58.500	25	35Lam Sco	1.6200	28000.	117	42709	No
214	GOM_NL__2PRFIN20100501_175804_000000622089_00070_42709_7176.N1	01-MAY-2010 17:58:04	Straylight	61.500	75	26Eps Sco	2.2910	4250.0	123	42709	No
215	GOM_NL__2PRFIN20100501_180148_000000742089_00070_42709_7177.N1	01-MAY-2010 18:01:48	Twilight	74.000	16	21Alp Sco	1.0200	3000.0	148	42709	No
216	GOM_NL__2PRFIN20100501_180401_000000602089_00070_42709_7178.N1	01-MAY-2010 18:04:01	Twilight	60.000	80	7Del Sco	2.3160	30000.	120	42709	No
217	GOM_NL__2PRFIN20100501_180710_000000442089_00070_42709_7179.N1	01-MAY-2010 18:07:10	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	42709	No
218	GOM_NL__2PRFIN20100501_180926_000000482089_00070_42709_7180.N1	01-MAY-2010 18:09:26	Bright	47.500	104	27Bet Lib	2.6140	13100.	95	42709	No
219	GOM_NL__2PRFIN20100501_181750_000000402089_00070_42709_7181.N1	01-MAY-2010 18:17:50	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	42709	No

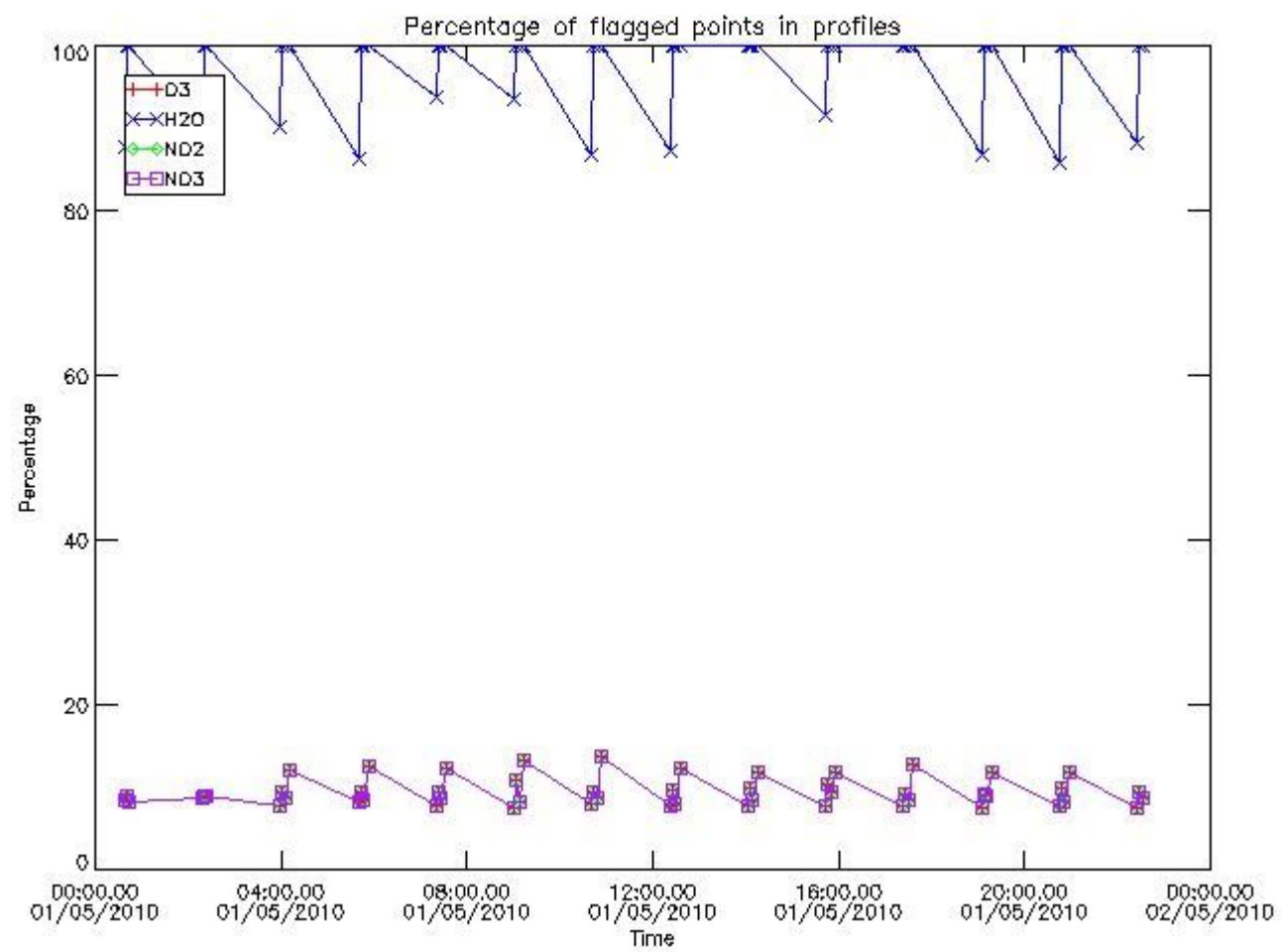
220	GOM_NL__2PRFIN20100501_182130_000000452089_00070_42709_7182.N1	01-MAY-2010 18:21:30	Bright	44.500	83		2.3780	11000.	89	42709	No
221	GOM_NL__2PRFIN20100501_182431_000000412089_00070_42709_7183.N1	01-MAY-2010 18:24:31	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42709	No
222	GOM_NL__2PRFIN20100501_182647_000000402089_00070_42709_7184.N1	01-MAY-2010 18:26:47	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42709	No
223	GOM_NL__2PRFIN20100501_183403_000000462089_00070_42709_7185.N1	01-MAY-2010 18:34:03	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	42709	No
224	GOM_NL__2PRFIN20100501_184424_000000412089_00070_42709_7186.N1	01-MAY-2010 18:44:24	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42709	No
225	GOM_NL__2PRFIN20100501_185548_000000492089_00070_42709_7187.N1	01-MAY-2010 18:55:48	Bright	49.000	164	44Eta Peg	2.9480	5400.0	98	42709	No
226	GOM_NL__2PRFIN20100501_190015_000000472089_00070_42709_7188.N1	01-MAY-2010 19:00:15	Twilight	47.000	90	54Alp Peg	2.4870	11000.	94	42709	No
227	GOM_NL__2PRFIN20100501_190437_000000692089_00070_42709_7189.N1	01-MAY-2010 19:04:37	Dark	68.500	61	8Eps Peg	2.1000	3900.0	137	42709	No
228	GOM_NL__2PRFIN20100501_190703_000000562089_00070_42709_7190.N1	01-MAY-2010 19:07:03	Dark	55.500	162	34Alp Aqr	2.9440	5350.0	111	42709	No
229	GOM_NL__2PRFIN20100501_191050_000000632089_00070_42709_7191.N1	01-MAY-2010 19:10:50	Dark	63.000	154	22Bet Aqr	2.8990	5700.0	126	42709	No
230	GOM_NL__2PRFIN20100501_191722_000000432089_00070_42709_7192.N1	01-MAY-2010 19:17:22	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42709	No
231	GOM_NL__2PRFIN20100501_193156_000000462089_00071_42710_7181.N1	01-MAY-2010 19:31:56	Straylight	45.500	141	Bet Ara	2.8400	4600.0	91	42710	No
232	GOM_NL__2PRFIN20100501_193349_000000572089_00071_42710_7182.N1	01-MAY-2010 19:33:49	Straylight	56.500	40	The Sco	1.8590	7100.0	113	42710	No
233	GOM_NL__2PRFIN20100501_193535_000000612089_00071_42710_7183.N1	01-MAY-2010 19:35:35	Straylight	60.500	25	35Lam Sco	1.6200	28000.	121	42710	No
234	GOM_NL__2PRFIN20100501_193840_000000622089_00071_42710_7184.N1	01-MAY-2010 19:38:40	Straylight	62.000	75	26Eps Sco	2.2910	4250.0	124	42710	No
235	GOM_NL__2PRFIN20100501_194224_000000712089_00071_42710_7185.N1	01-MAY-2010 19:42:24	Tw_and_stray	70.500	16	21Alp Sco	1.0200	3000.0	141	42710	No
236	GOM_NL__2PRFIN20100501_194437_000000582089_00071_42710_7186.N1	01-MAY-2010 19:44:37	Tw_and_stray	57.500	80	7Del Sco	2.3160	30000.	115	42710	No
237	GOM_NL__2PRFIN20100501_194746_000000422089_00071_42710_7187.N1	01-MAY-2010 19:47:46	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	42710	No
238	GOM_NL__2PRFIN20100501_195002_000000482089_00071_42710_7188.N1	01-MAY-2010 19:50:02	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	42710	No
239	GOM_NL__2PRFIN20100501_195826_000000382089_00071_42710_7189.N1	01-MAY-2010 19:58:26	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	42710	No
240	GOM_NL__2PRFIN20100501_200205_000000472089_00071_42710_7190.N1	01-MAY-2010 20:02:05	Bright	46.500	83		2.3780	11000.	93	42710	No
241	GOM_NL__2PRFIN20100501_200506_000000412089_00071_42710_7191.N1	01-MAY-2010 20:05:06	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	42710	No
242	GOM_NL__2PRFIN20100501_200723_000000362089_00071_42710_7192.N1	01-MAY-2010 20:07:23	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	42710	No
243	GOM_NL__2PRFIN20100501_201439_000000442089_00071_42710_7193.N1	01-MAY-2010 20:14:39	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42710	No
244	GOM_NL__2PRFIN20100501_202500_000000412089_00071_42710_7194.N1	01-MAY-2010 20:25:00	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42710	No
245	GOM_NL__2PRFIN20100501_203624_000000502089_00071_42710_7195.N1	01-MAY-2010 20:36:24	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	42710	No
246	GOM_NL__2PRFIN20100501_204051_000000462089_00071_42710_7196.N1	01-MAY-2010 20:40:51	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	42710	No
247	GOM_NL__2PRFIN20100501_204514_000000672089_00071_42710_7197.N1	01-MAY-2010 20:45:14	Dark	67.000	61	8Eps Peg	2.1000	3900.0	134	42710	No
248	GOM_NL__2PRFIN20100501_204740_000000522089_00071_42710_7198.N1	01-MAY-2010 20:47:40	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	42710	No
249	GOM_NL__2PRFIN20100501_205127_000000632089_00071_42710_7199.N1	01-MAY-2010 20:51:27	Dark	62.500	154	22Bet Aqr	2.8990	5700.0	125	42710	No
250	GOM_NL__2PRFIN20100501_205758_000000442089_00071_42710_7200.N1	01-MAY-2010 20:57:58	Dark	43.500	172	Gam Gru	3.0030	13100.	87	42710	No
251	GOM_NL__2PRFIN20100501_211232_000000422089_00072_42711_7189.N1	01-MAY-2010 21:12:32	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	42711	No
252	GOM_NL__2PRFIN20100501_211426_000000612089_00072_42711_7190.N1	01-MAY-2010 21:14:26	Straylight	60.500	40	The Sco	1.8590	7100.0	121	42711	No
253	GOM_NL__2PRFIN20100501_211612_000000612089_00072_42711_7191.N1	01-MAY-2010 21:16:12	Straylight	61.000	25	35Lam Sco	1.6200	28000.	122	42711	No
254	GOM_NL__2PRFIN20100501_211917_000000642089_00072_42711_7192.N1	01-MAY-2010 21:19:17	Straylight	63.500	75	26Eps Sco	2.2910	4250.0	127	42711	No
255	GOM_NL__2PRFIN20100501_212300_000000692089_00072_42711_7193.N1	01-MAY-2010 21:23:00	Tw_and_stray	68.500	16	21Alp Sco	1.0200	3000.0	137	42711	No
256	GOM_NL__2PRFIN20100501_212513_000000602089_00072_42711_7194.N1	01-MAY-2010 21:25:13	Tw_and_stray	60.000	80	7Del Sco	2.3160	30000.	120	42711	No
257	GOM_NL__2PRFIN20100501_212822_000000462089_00072_42711_7195.N1	01-MAY-2010 21:28:22	Bright	45.500	122	9Alp2Lib	2.7470	9700.0	91	42711	No
258	GOM_NL__2PRFIN20100501_213038_000000492089_00072_42711_7196.N1	01-MAY-2010 21:30:38	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	42711	No
259	GOM_NL__2PRFIN20100501_213901_000000382089_00072_42711_7197.N1	01-MAY-2010 21:39:01	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	42711	No
260	GOM_NL__2PRFIN20100501_214240_000000442089_00072_42711_7198.N1	01-MAY-2010 21:42:40	Bright	43.500	83		2.3780	11000.	87	42711	No
261	GOM_NL__2PRFIN20100501_214542_000000402089_00072_42711_7199.N1	01-MAY-2010 21:45:42	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	42711	No
262	GOM_NL__2PRFIN20100501_214759_000000372089_00072_42711_7200.N1	01-MAY-2010 21:47:59	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	42711	No
263	GOM_NL__2PRFIN20100501_215514_000000462089_00072_42711_7201.N1	01-MAY-2010 21:55:14	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	42711	No
264	GOM_NL__2PRFIN20100501_220535_000000462089_00072_42711_7202.N1	01-MAY-2010 22:05:35	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42711	No
265	GOM_NL__2PRFIN20100501_221700_000000512089_00072_42711_7203.N1	01-MAY-2010 22:17:00	Bright	51.000	164	44Eta Peg	2.9480	5400.0	102	42711	No
266	GOM_NL__2PRFIN20100501_222127_000000452089_00072_42711_7204.N1	01-MAY-2010 22:21:27	Twilight	44.500	90	54Alp Peg	2.4870	11000.	89	42711	No
267	GOM_NL__2PRFIN20100501_222551_000000682089_00072_42711_7205.N1	01-MAY-2010 22:25:51	Dark	68.000	61	8Eps Peg	2.1000	3900.0	136	42711	No
268	GOM_NL__2PRFIN20100501_222817_000000542089_00072_42711_7206.N1	01-MAY-2010 22:28:17	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	42711	No
269	GOM_NL__2PRFIN20100501_223204_000000602089_00072_42711_7207.N1	01-MAY-2010 22:32:04	Dark	59.500	154	22Bet Aqr	2.8990	5700.0	119	42711	No
270	GOM_NL__2PRFIN20100501_225309_000000452089_00073_42712_7197.N1	01-MAY-2010 22:53:09	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	42712	No
271	GOM_NL__2PRFIN20100501_225503_000000532089_00073_42712_7198.N1	01-MAY-2010 22:55:03	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42712	No
272	GOM_NL__2PRFIN20100501_225649_000000592089_00073_42712_7199.N1	01-MAY-2010 22:56:49	Straylight	59.000	25	35Lam Sco	1.6200	28000.	118	42712	No
273	GOM_NL__2PRFIN20100501_225954_000000612089_00073_42712_7200.N1	01-MAY-2010 22:59:54	Straylight	60.500	75	26Eps Sco	2.2910	4250.0	121	42712	No
274	GOM_NL__2PRFIN20100501_230337_000000802089_00073_42712_7201.N1	01-MAY-2010 23:03:37	Tw_and_stray	80.000	16	21Alp Sco	1.0200	3000.0	160	42712	No
275	GOM_NL__2PRFIN20100501_230550_000000612089_00073_42712_7202.N1	01-MAY-2010 23:05:50	Tw_and_stray	60.500	80	7Del Sco	2.3160	30000.	121	42712	No
276	GOM_NL__2PRFIN20100501_230857_000000462089_00073_42712_7203.N1	01-MAY-2010 23:08:57	Bright	45.500	122	9Alp2Lib	2.7470	9700.0	91	42712	No
277	GOM_NL__2PRFIN20100501_231113_000000472089_00073_42712_7204.N1	01-MAY-2010 23:11:13	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	42712	No
278	GOM_NL__2PRFIN20100501_231937_000000382089_00073_42712_7205.N1	01-MAY-2010 23:19:37	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	42712	No

279	GOM_NL__2PRFIN20100501_232316_000000462089_00073_42712_7206.N1	01-MAY-2010 23:23:16	Bright	45.500	83		2.3780	11000.	91	42712	No
280	GOM_NL__2PRFIN20100501_232617_000000422089_00073_42712_7207.N1	01-MAY-2010 23:26:17	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	42712	No
281	GOM_NL__2PRFIN20100501_233549_000000452089_00073_42712_7208.N1	01-MAY-2010 23:35:49	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42712	No
282	GOM_NL__2PRFIN20100501_234611_000000422089_00073_42712_7209.N1	01-MAY-2010 23:46:11	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42712	No
283	GOM_NL__2PRFIN20100501_235736_000000512089_00073_42712_7210.N1	01-MAY-2010 23:57:36	Bright	50.500	164	44Eta Peg	2.9480	5400.0	101	42712	No

3. Quality information per product

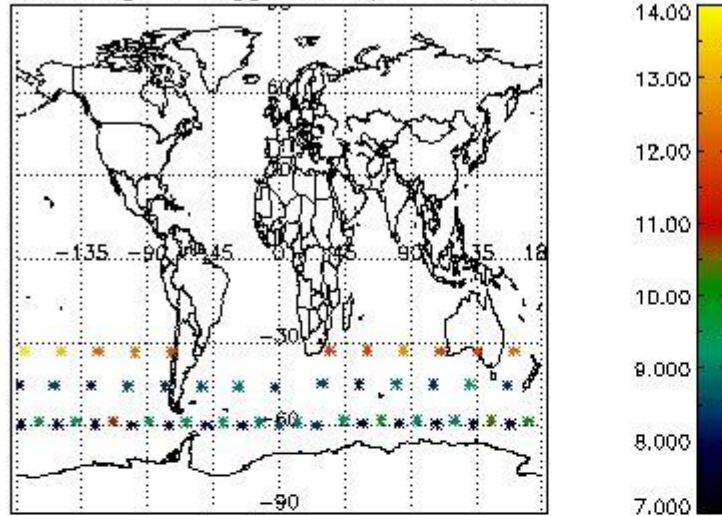
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

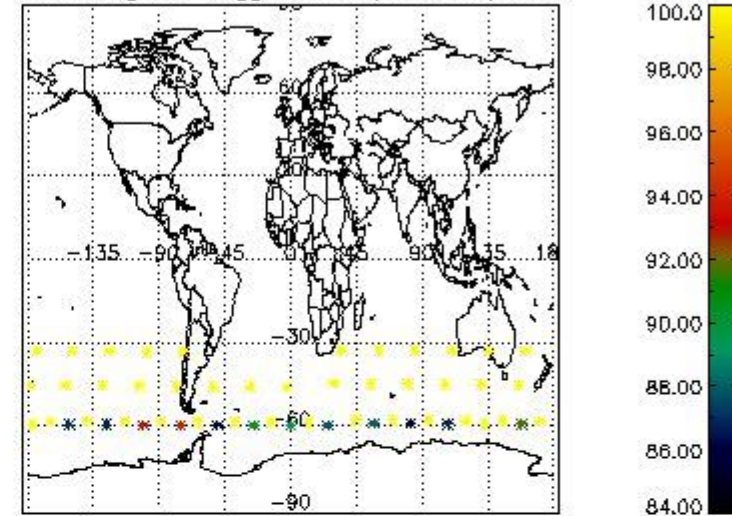


3.2 Plot quality information per product (world map)

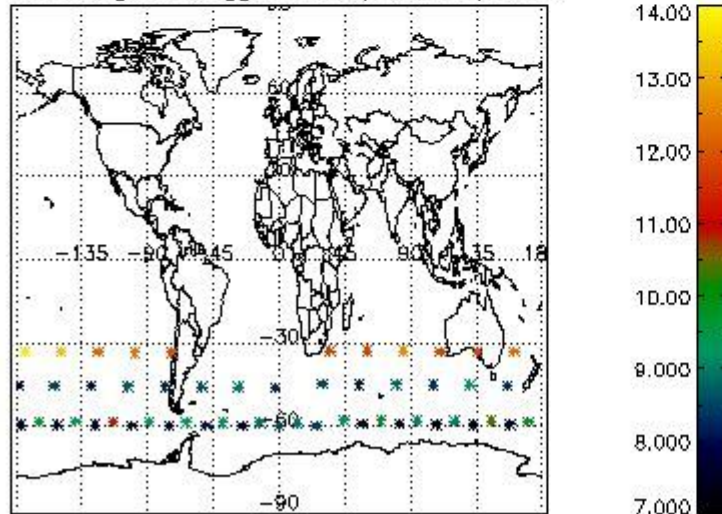
Percentage of flagged data per O3 profile



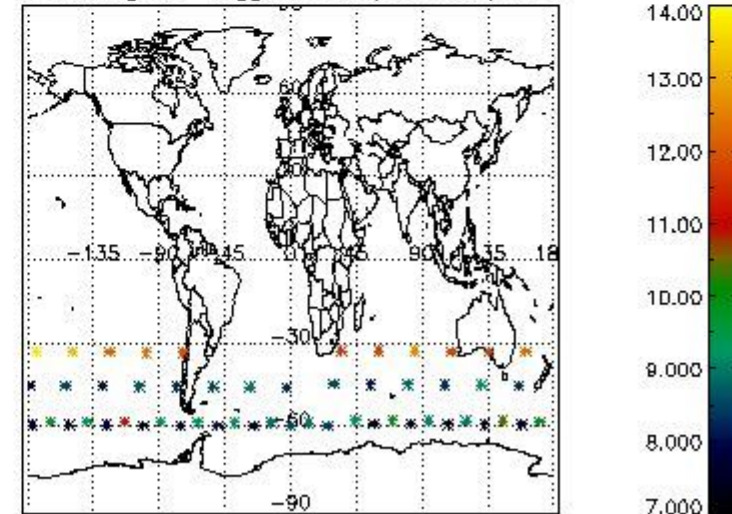
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

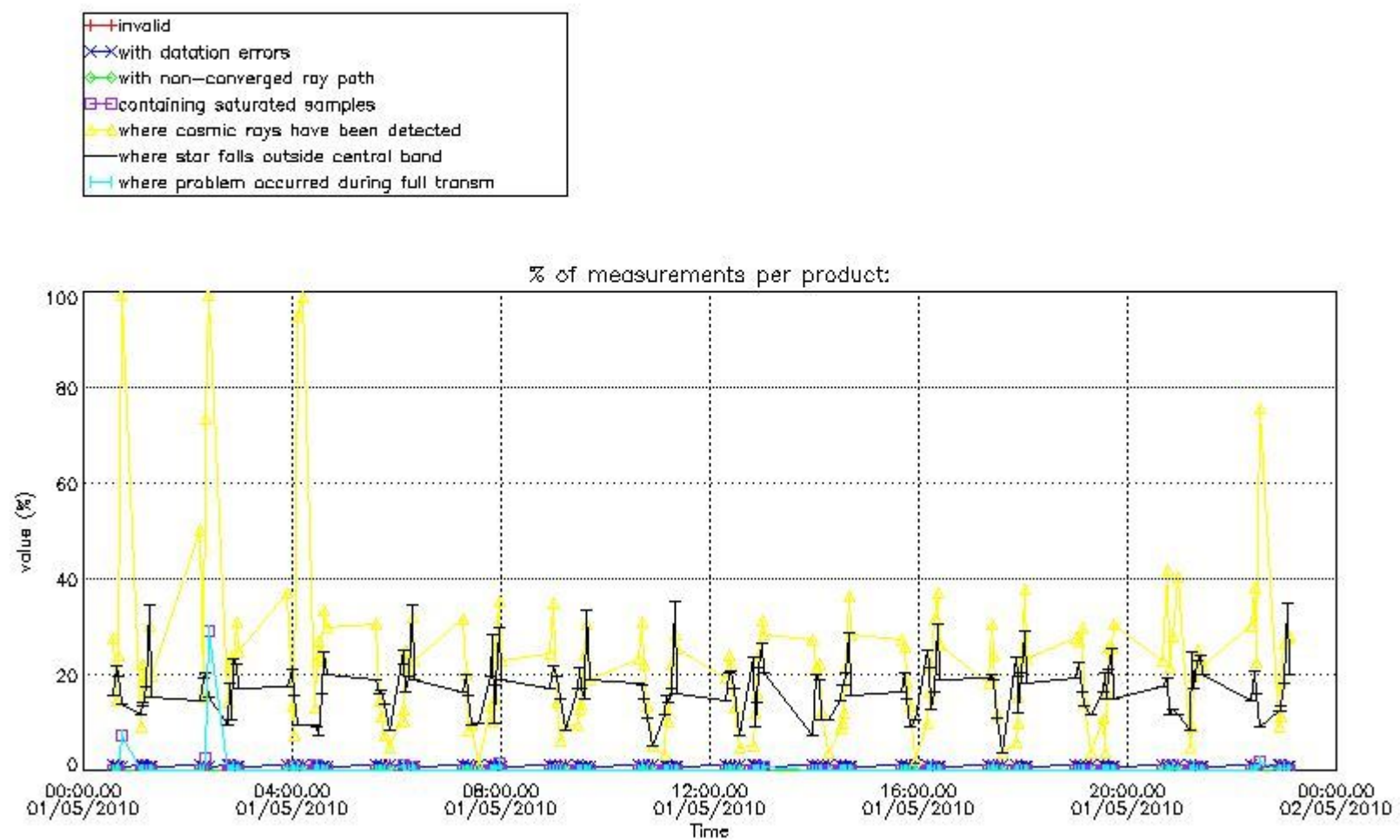


4. Level 1 quality information per product

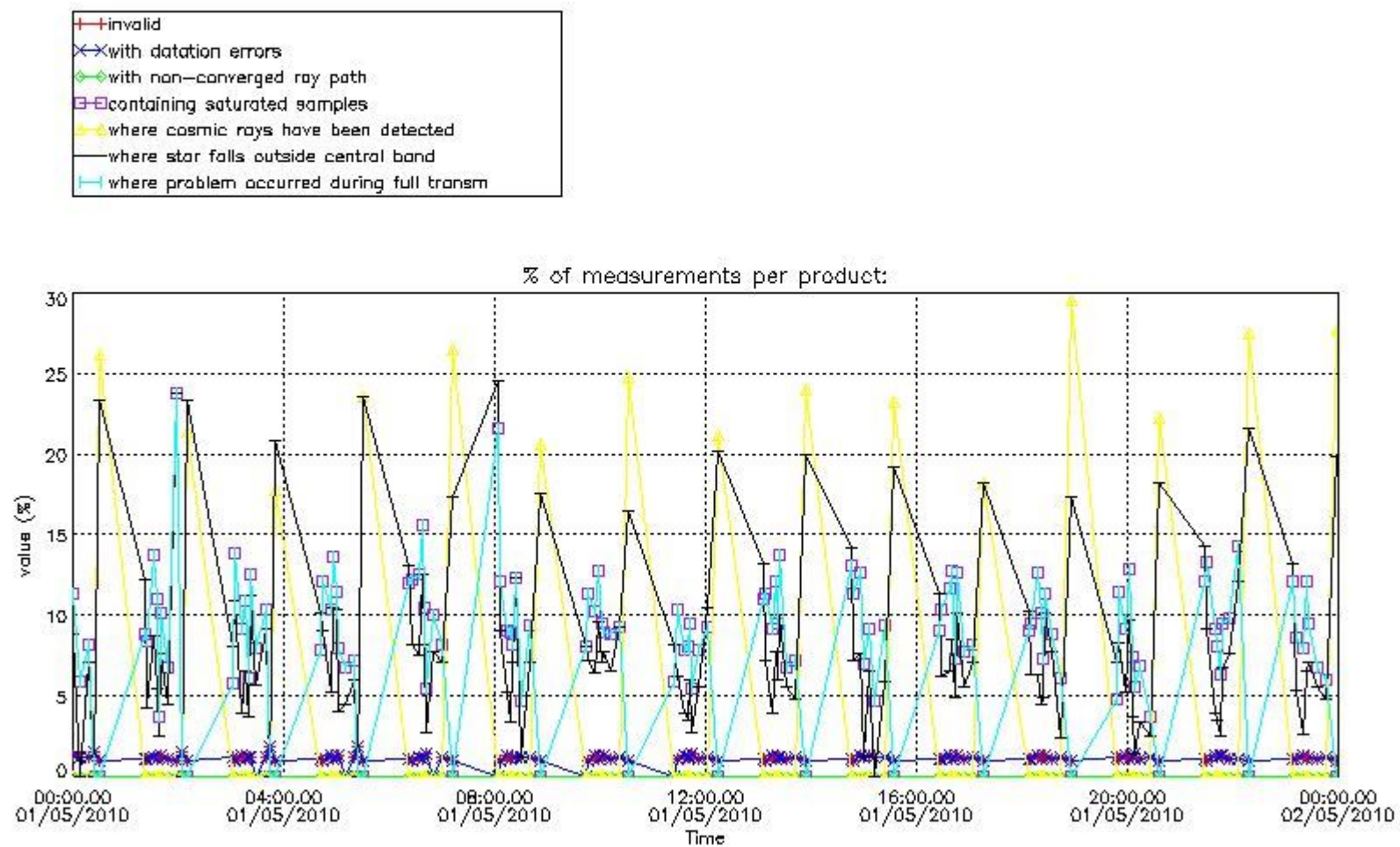
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



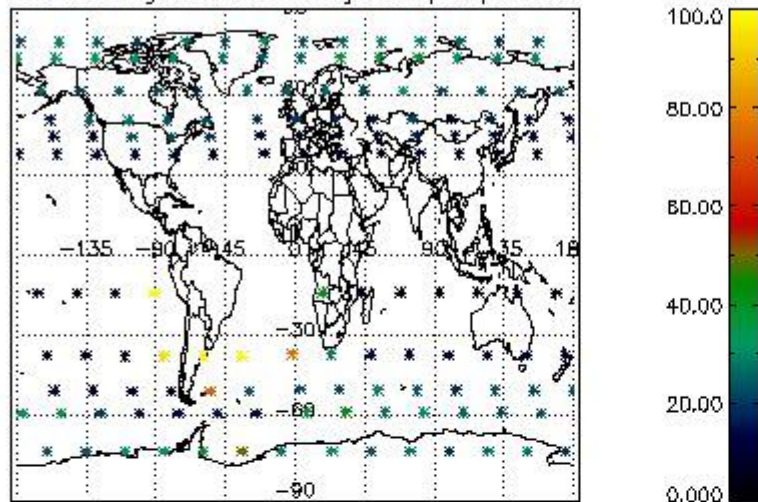
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



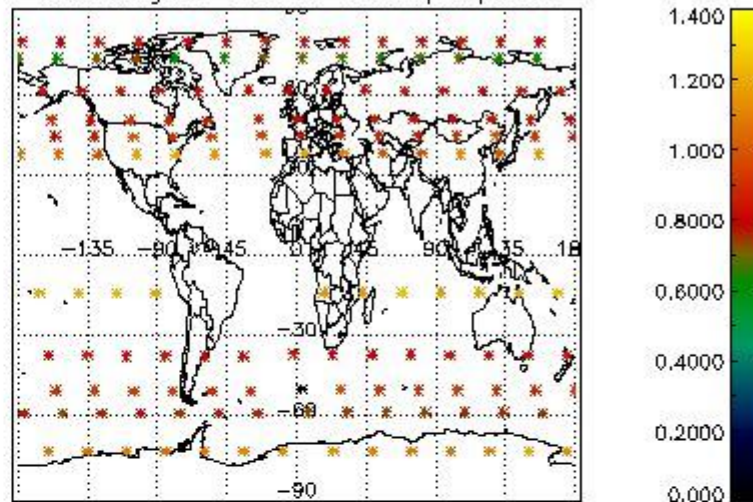
4.2 Plot quality information per product coming from level 1b processing (world map)

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

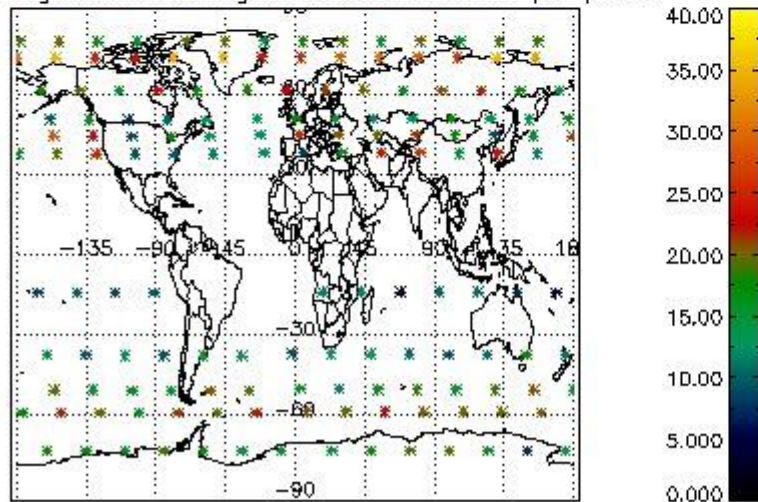
Percentage of cosmic ray hits per profile



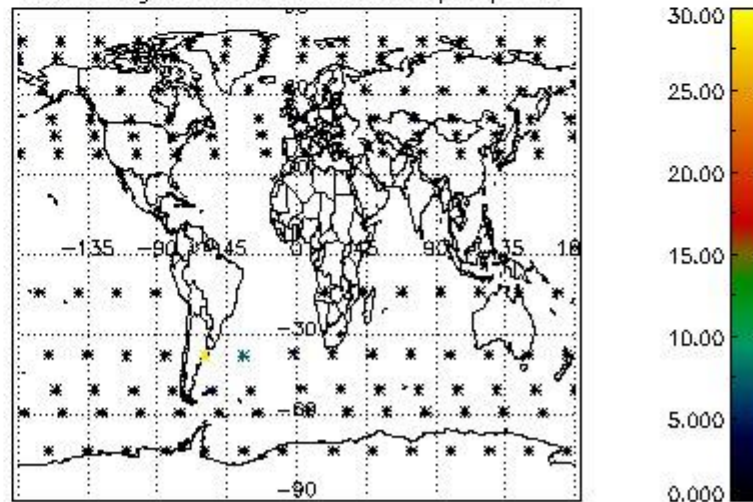
Percentage of datation errors per profile



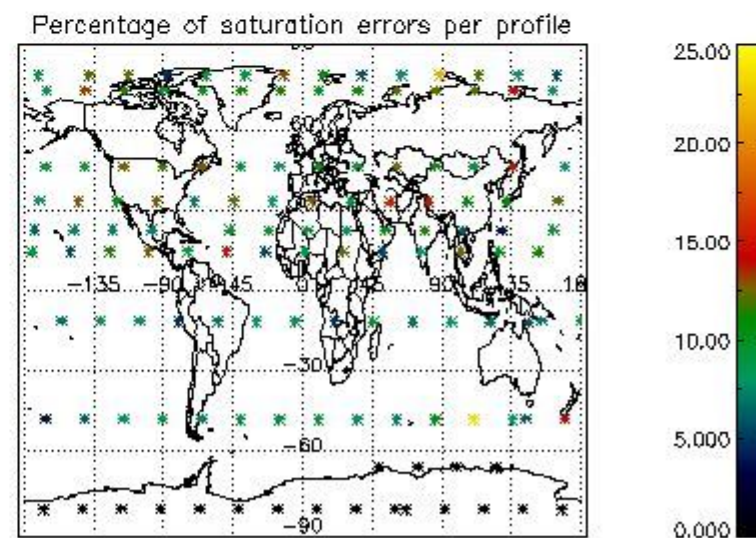
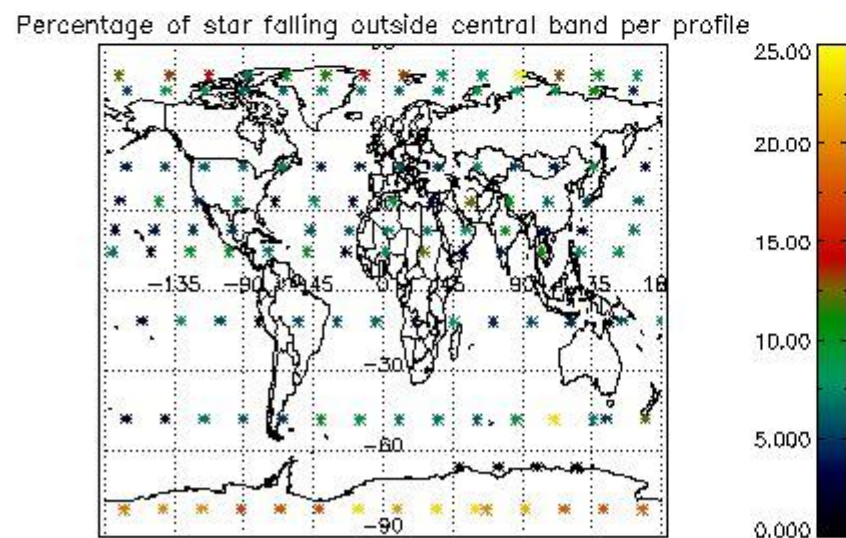
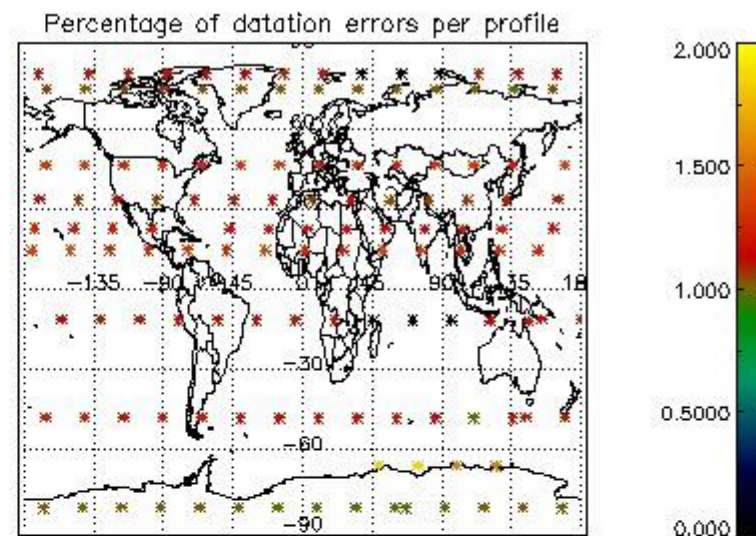
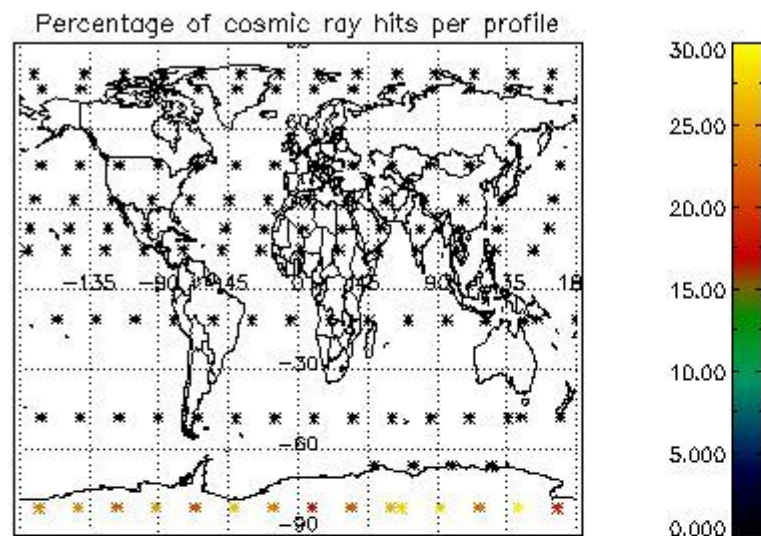
Percentage of star falling outside central band per profile



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

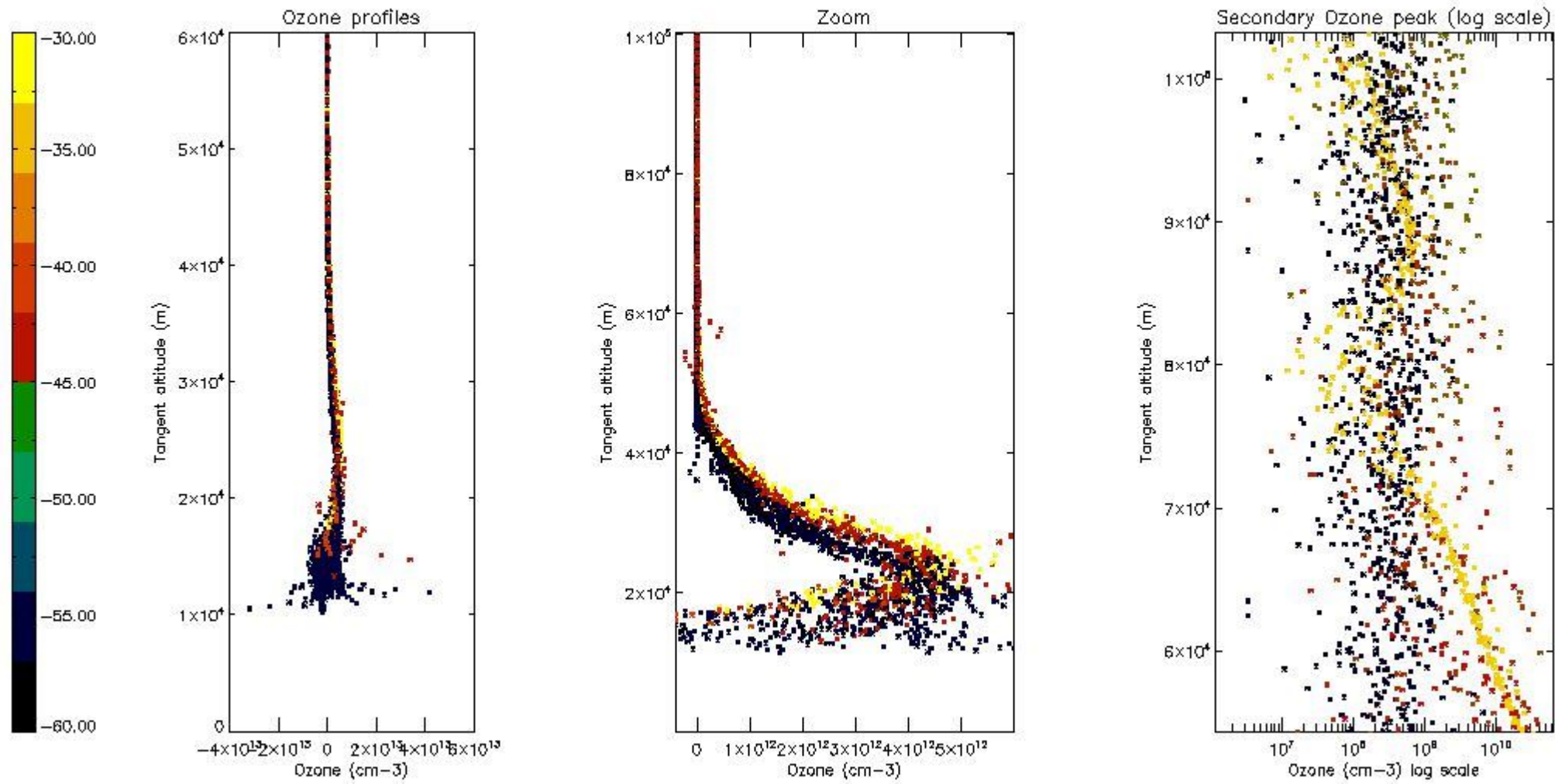
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	6

STD < 10	3
STD < 5	0

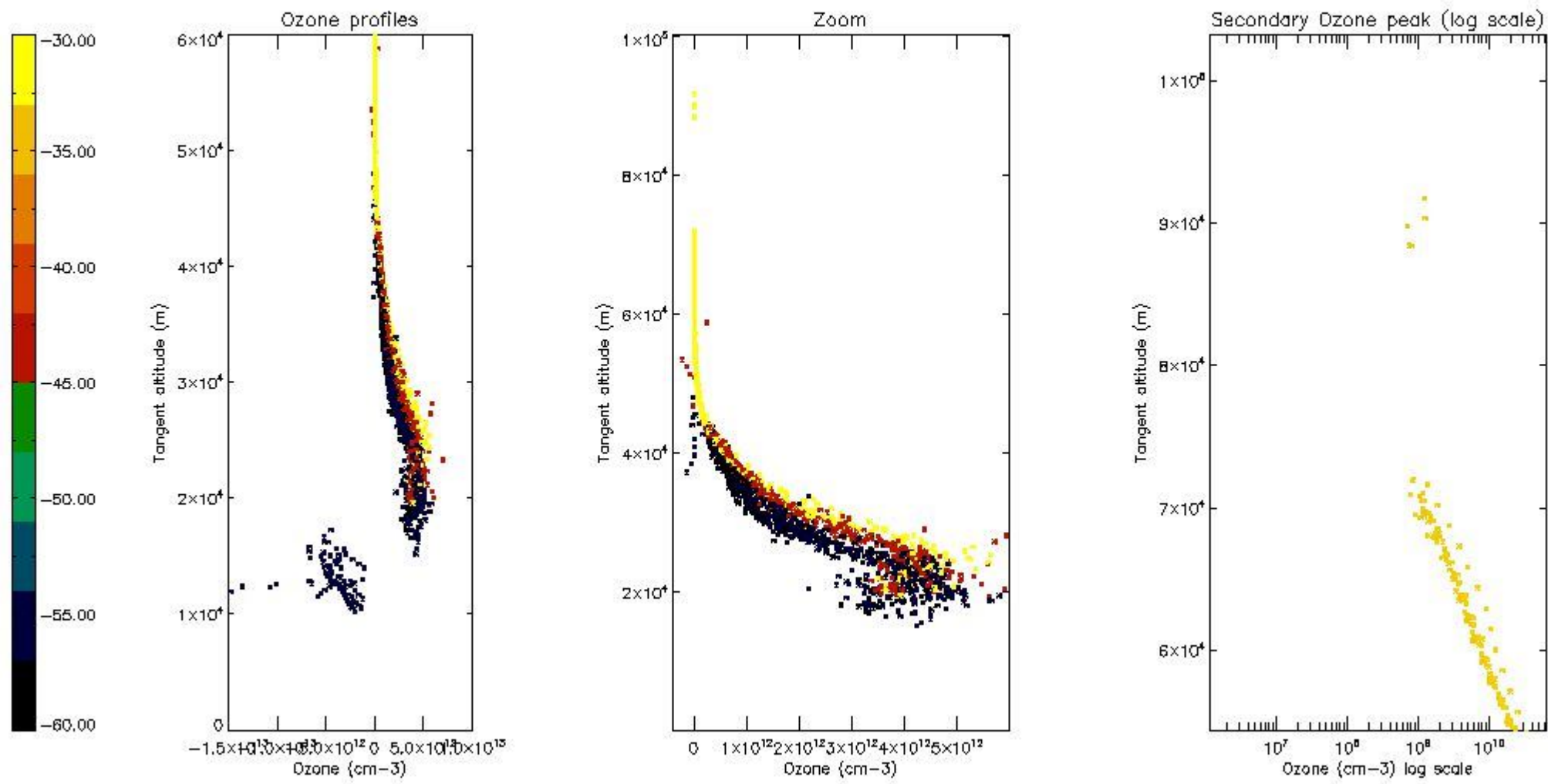
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



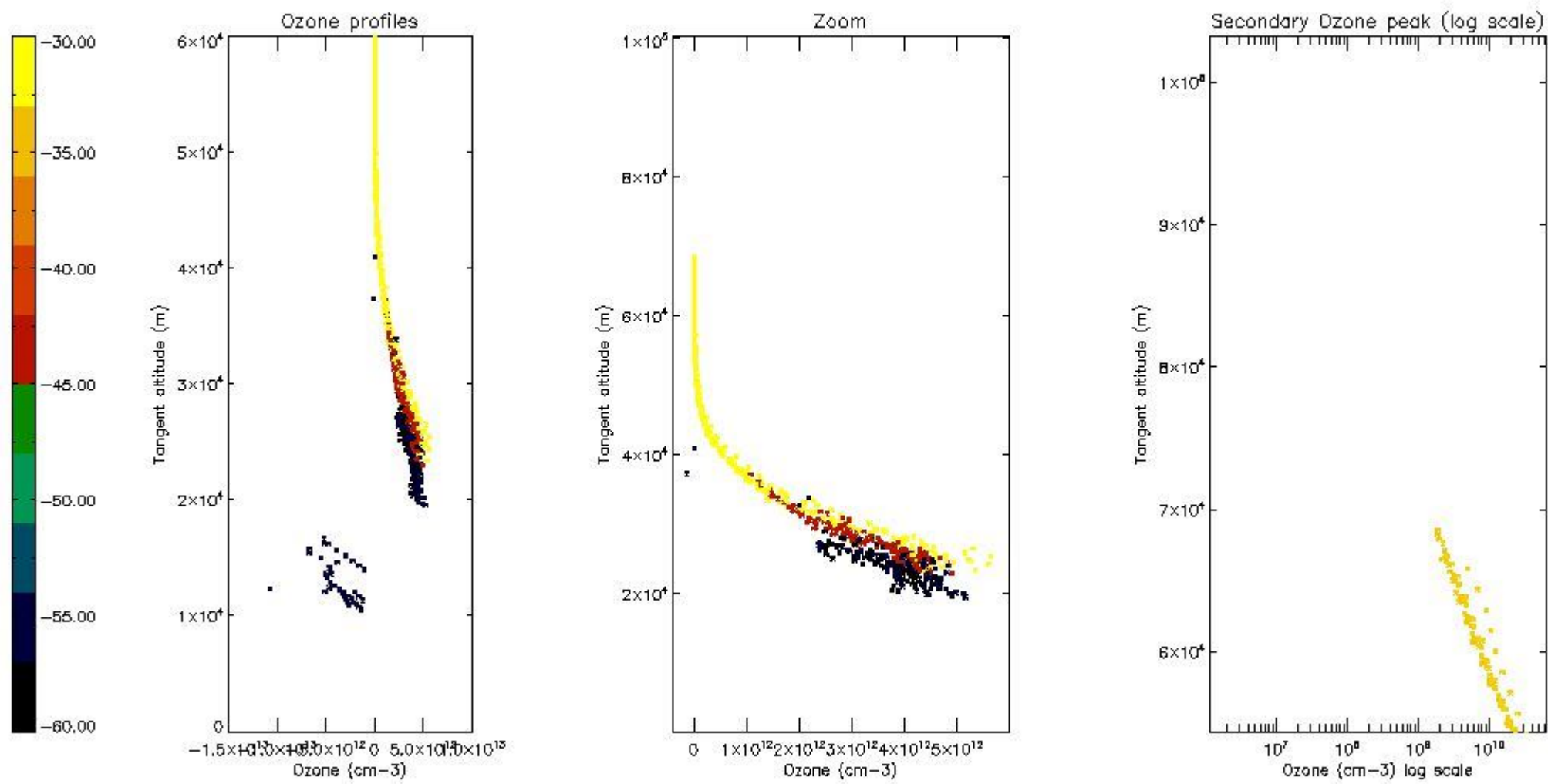
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



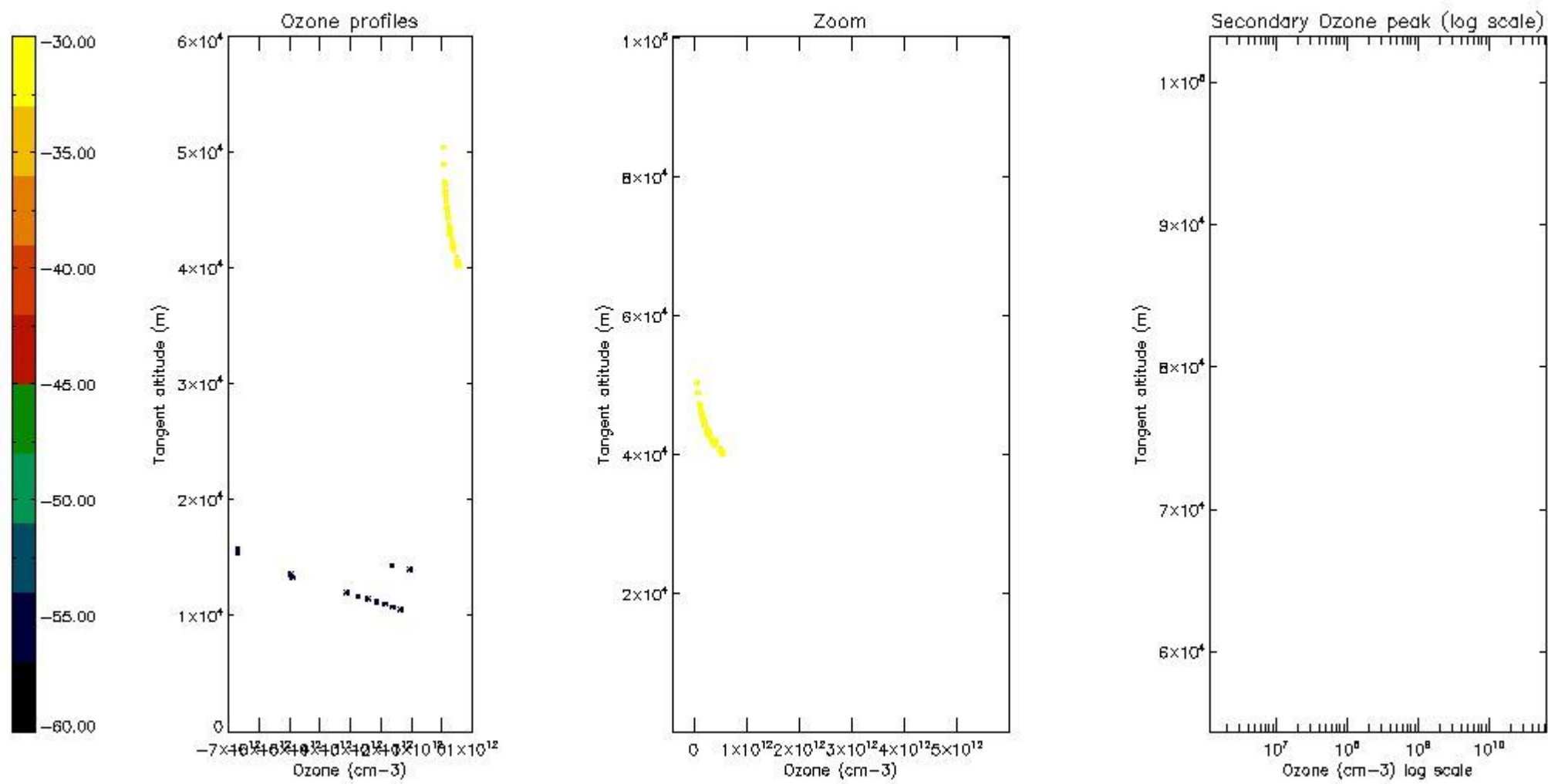
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



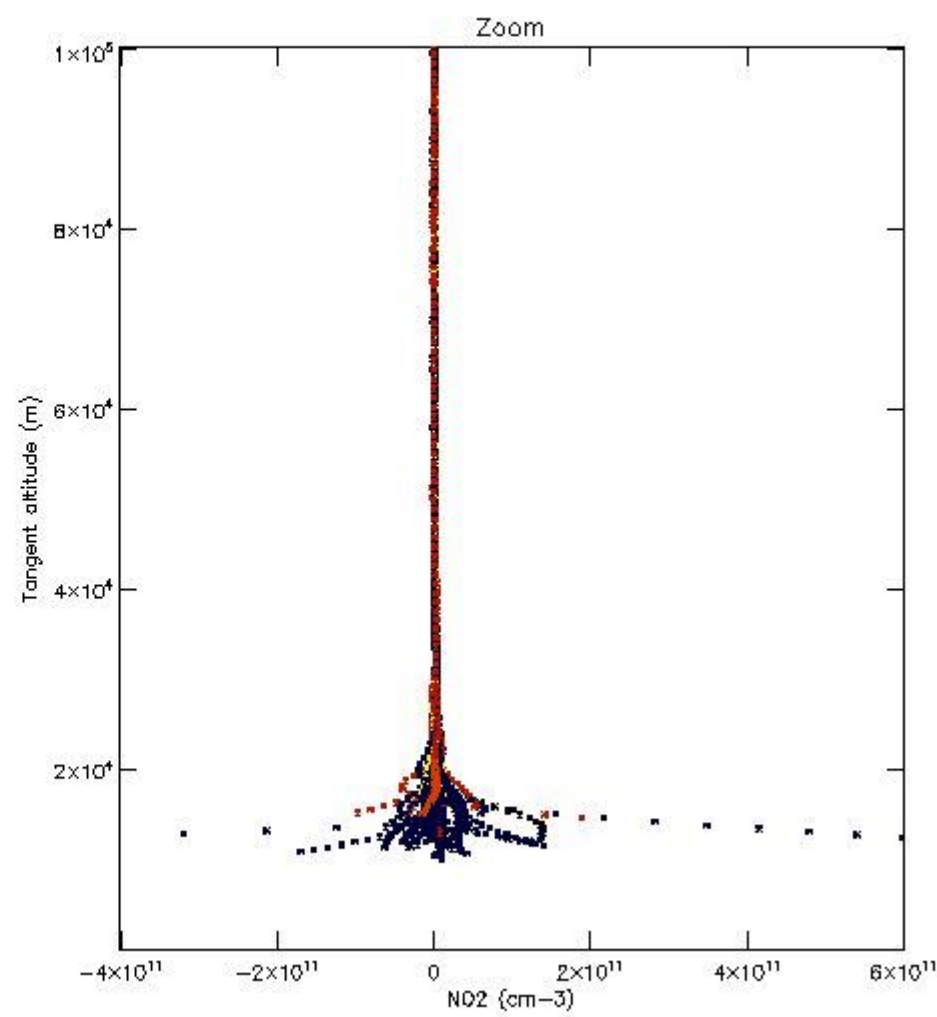
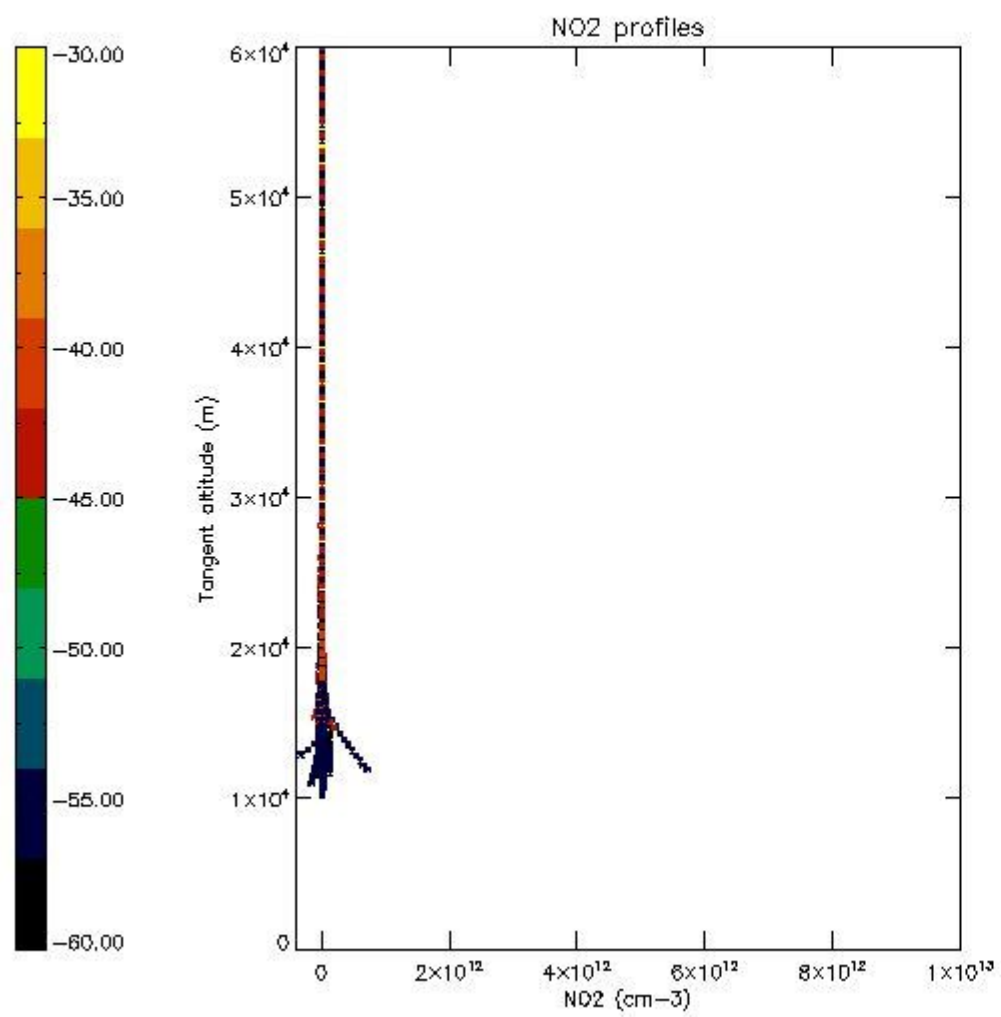
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



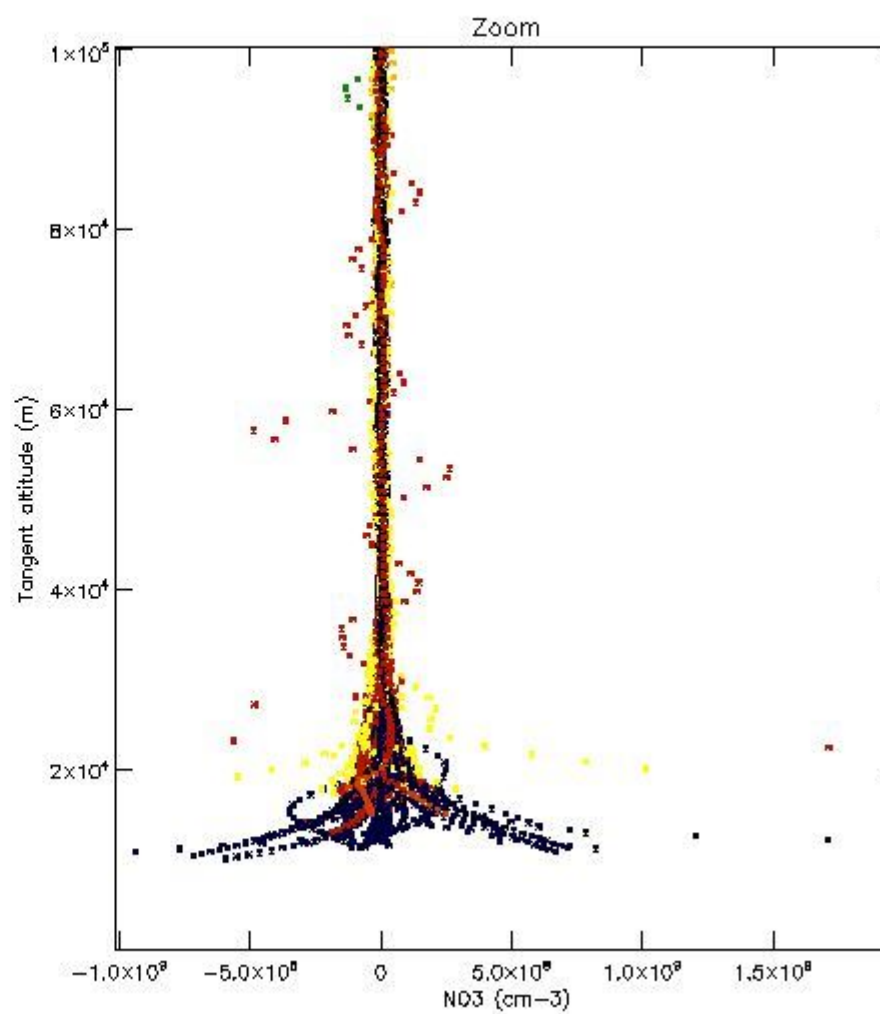
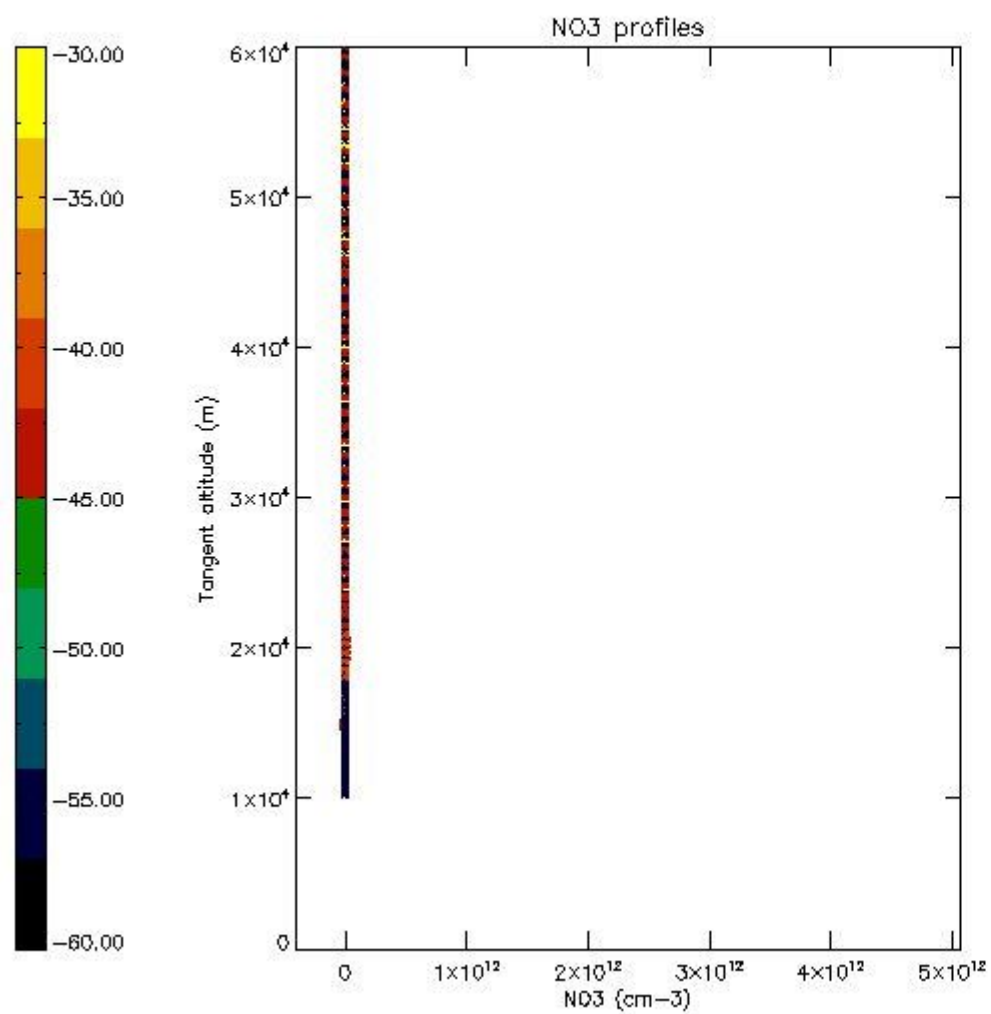
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

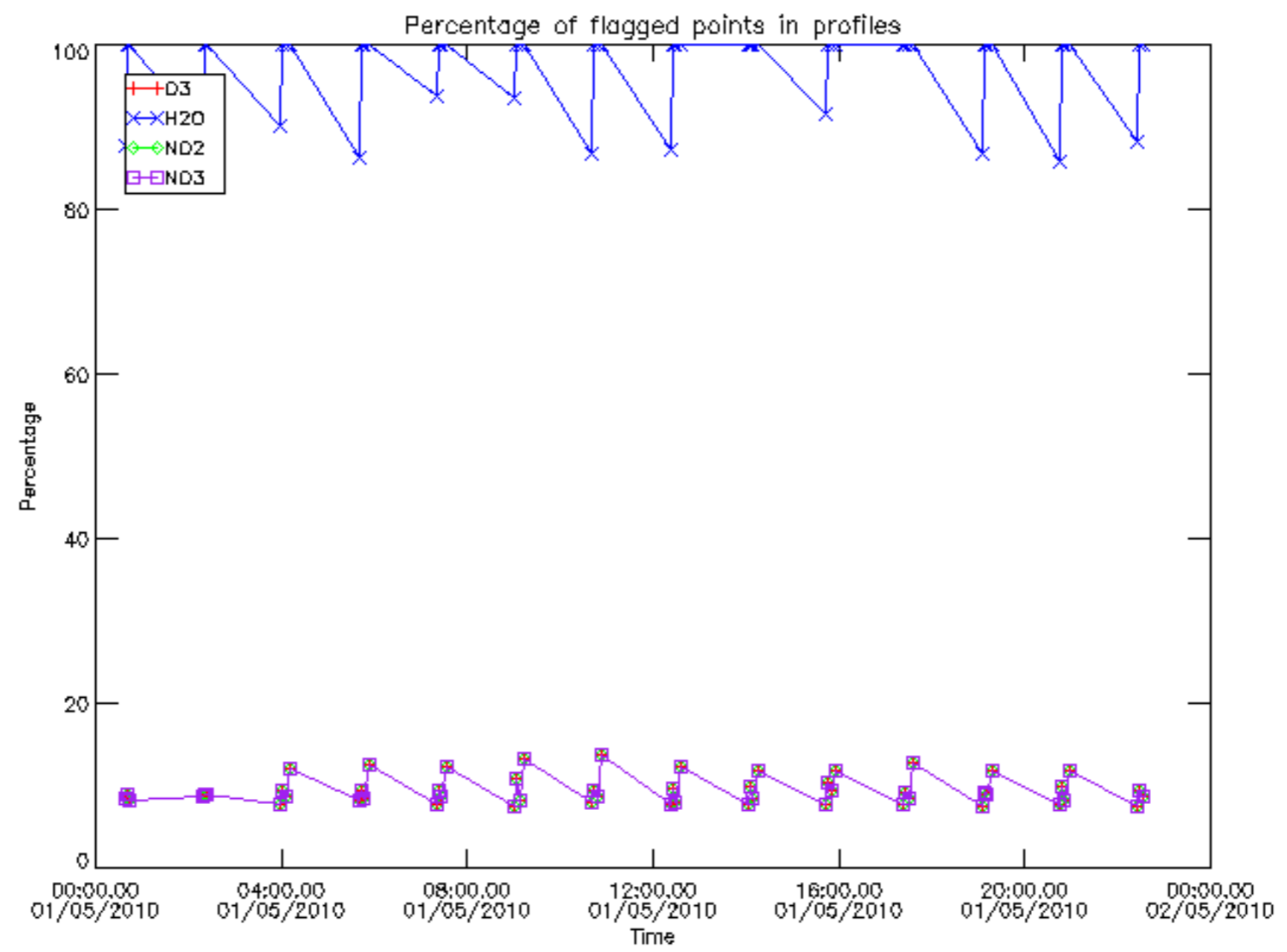
The colorbar represents the latitude.



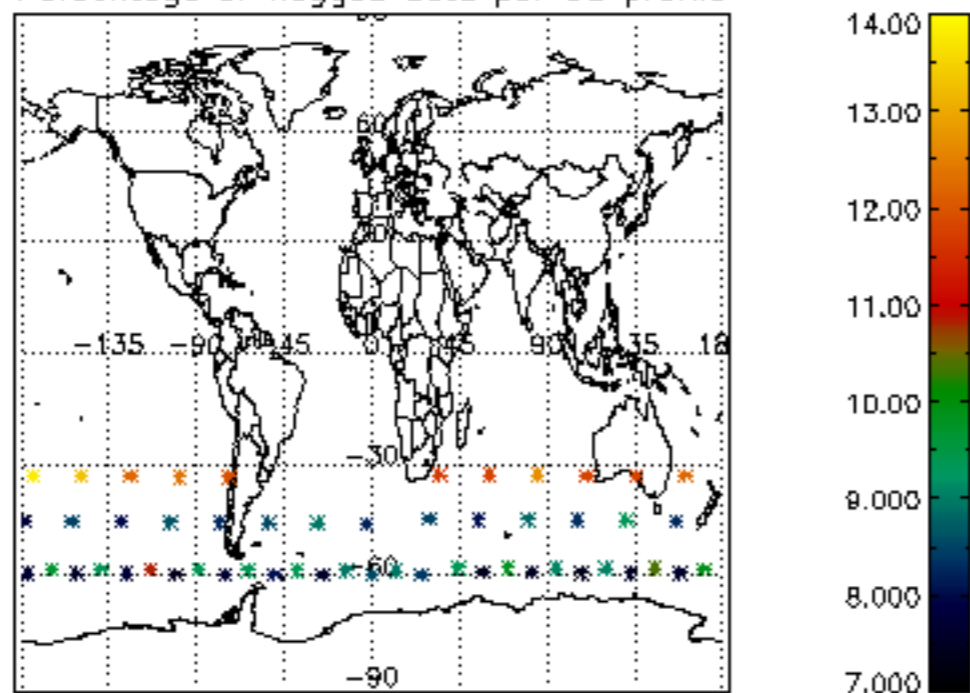
6. Auxiliary Data Files used for the production reported in section 2

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.

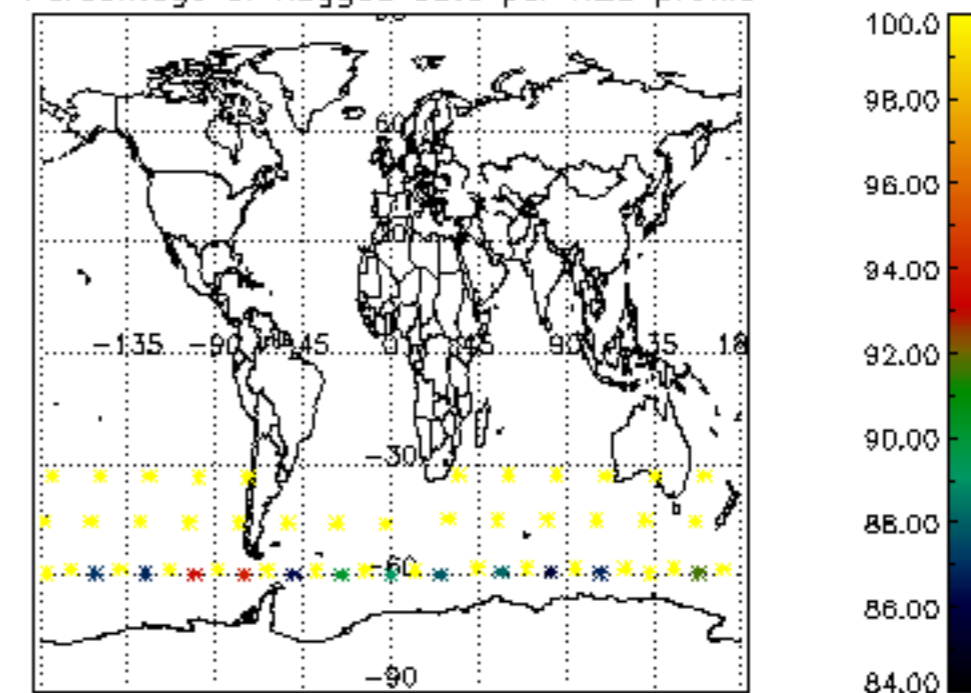
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-MAY-2010 00:00:14
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-MAY-2010 00:00:14
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-MAY-2010 00:00:14



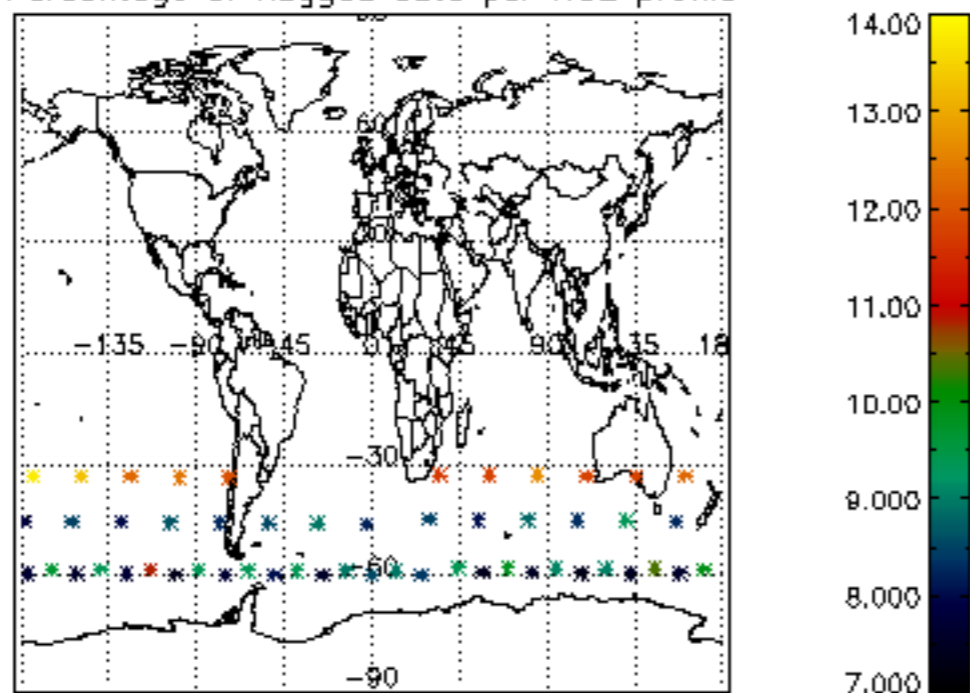
Percentage of flagged data per D3 profile



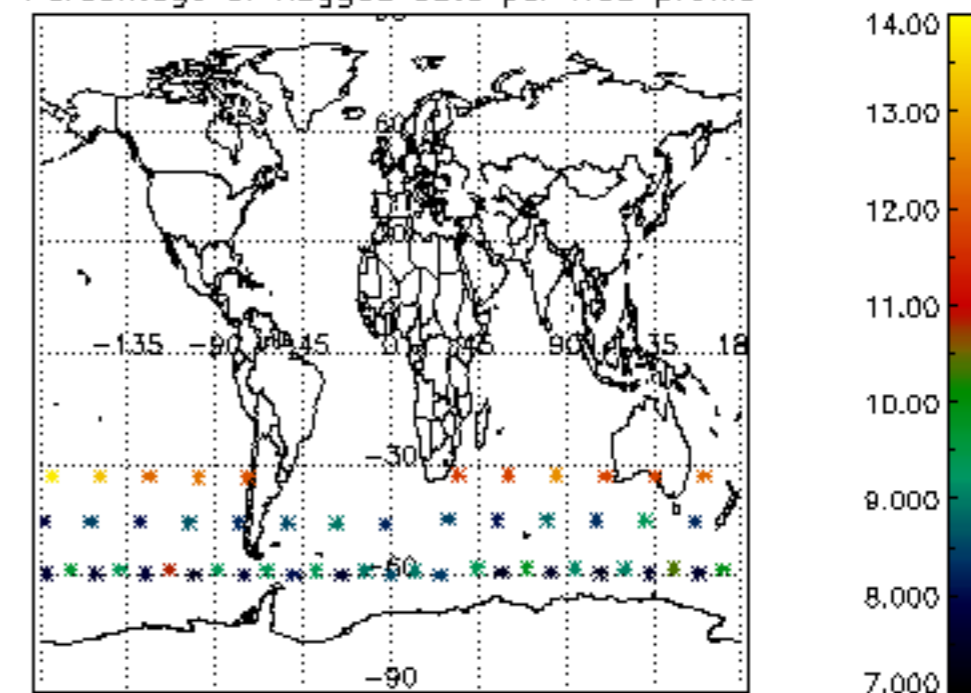
Percentage of flagged data per H2O profile

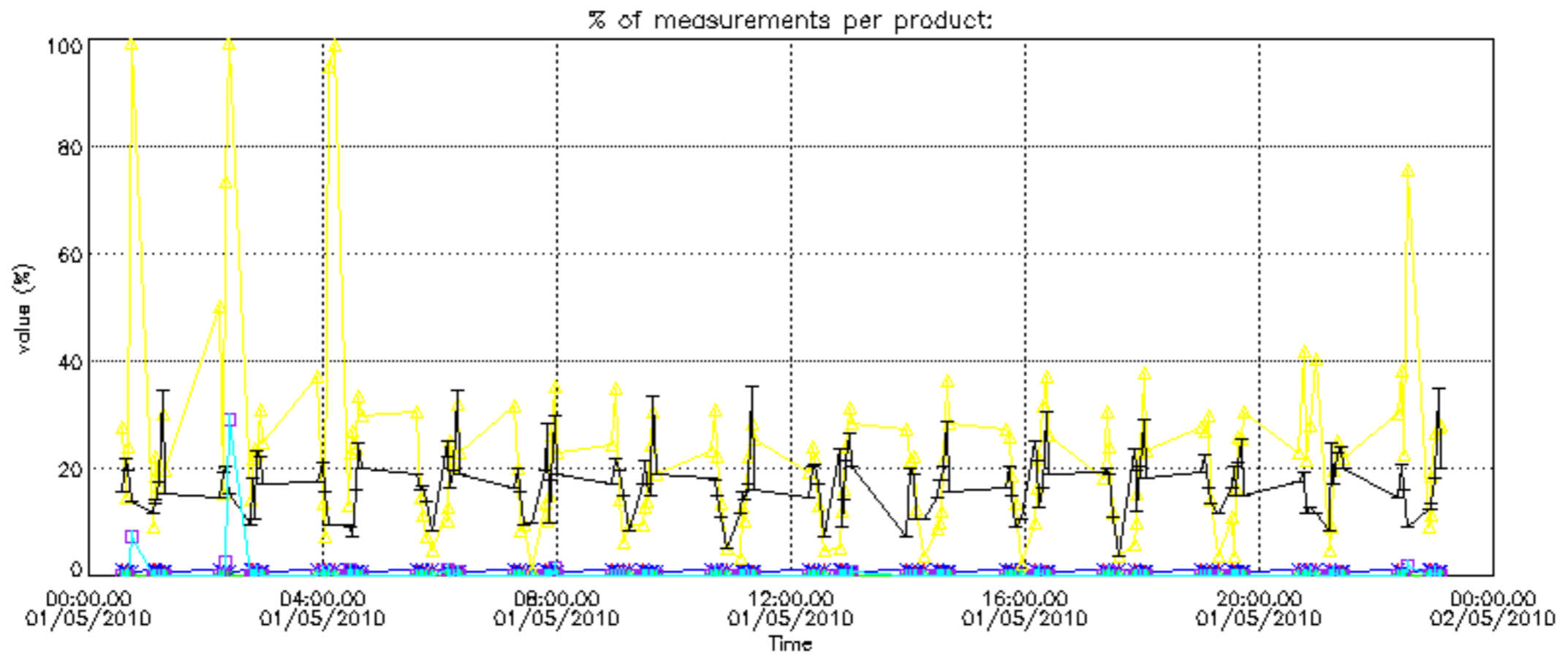


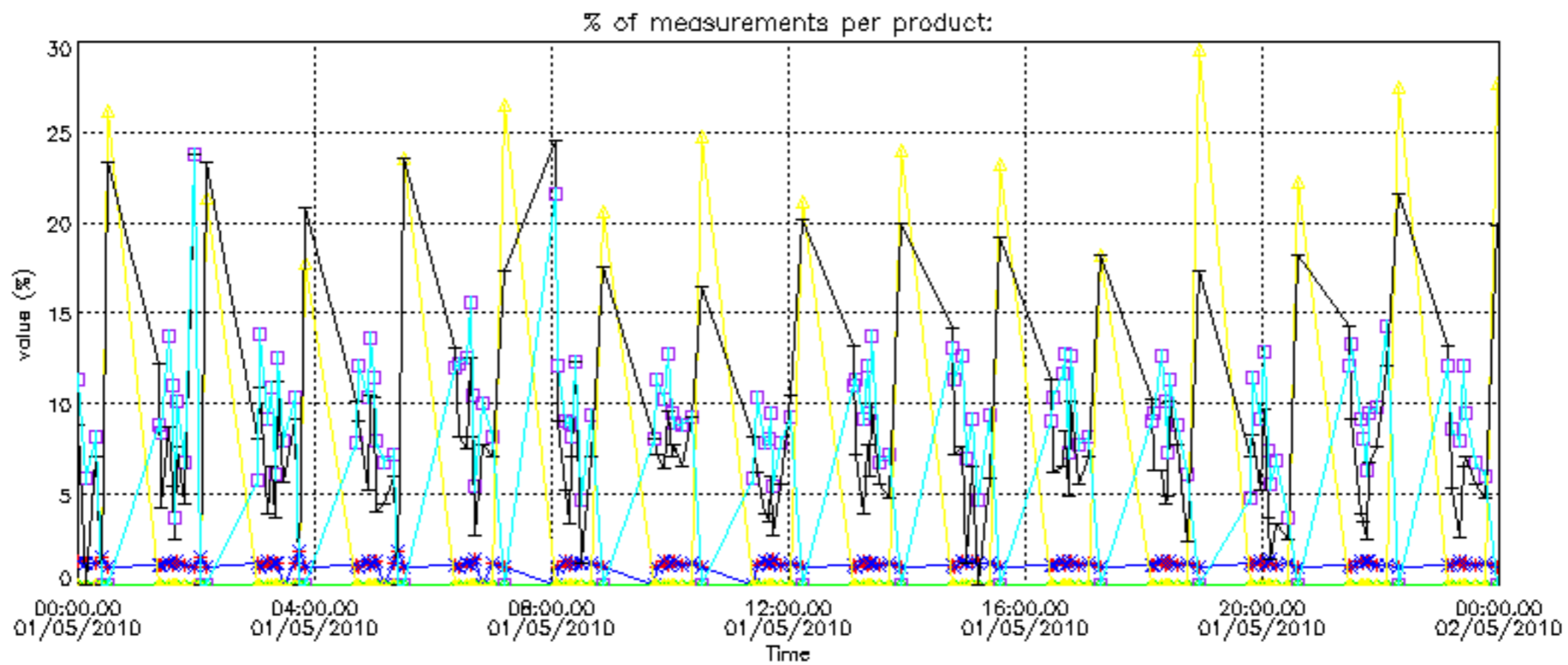
Percentage of flagged data per NO2 profile



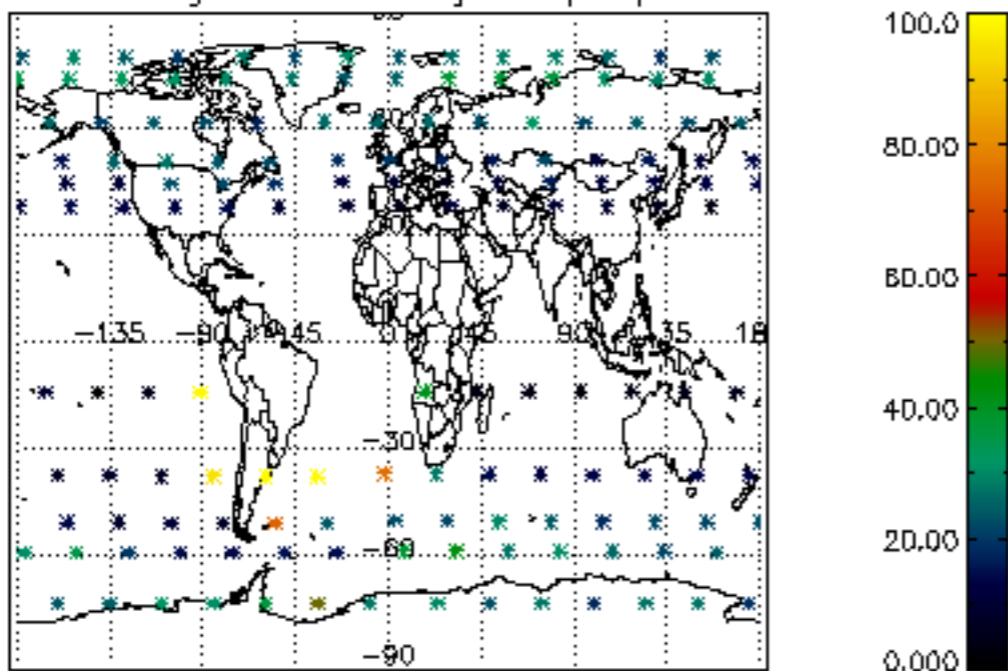
Percentage of flagged data per NO3 profile



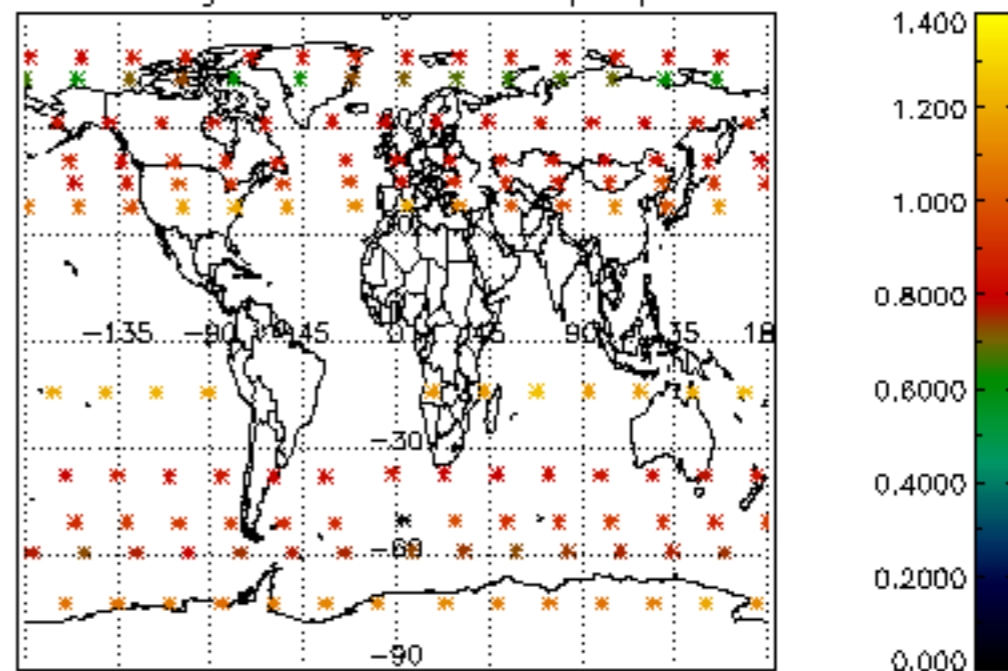




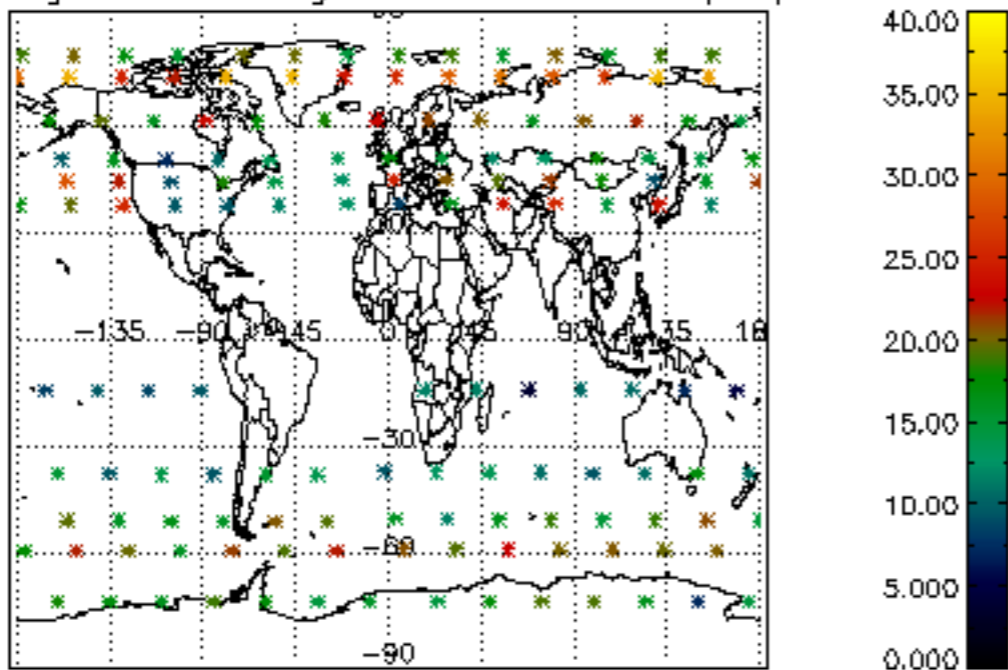
Percentage of cosmic ray hits per profile



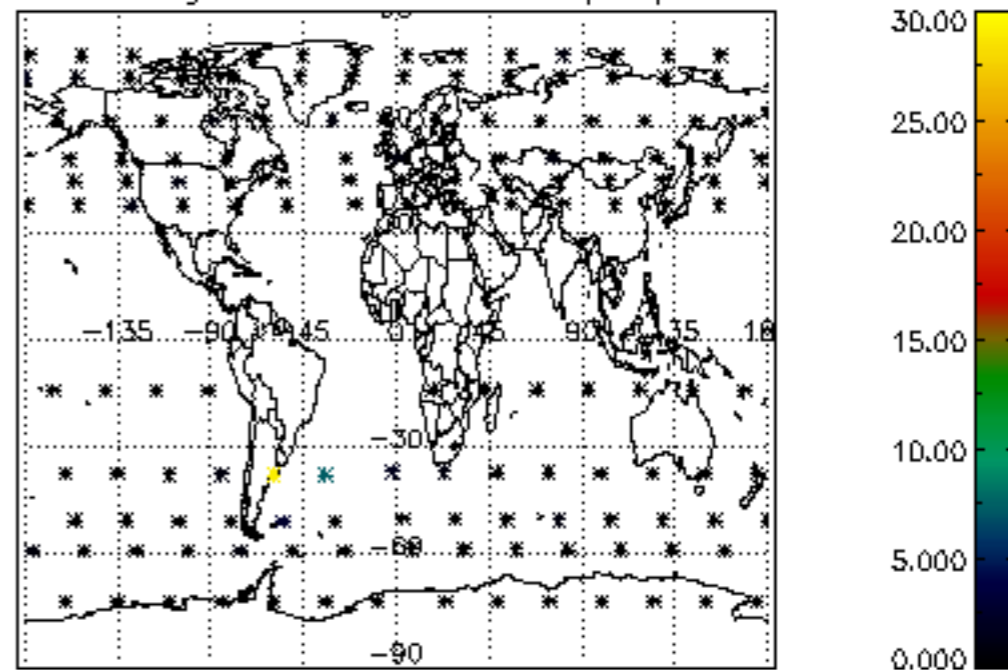
Percentage of datation errors per profile



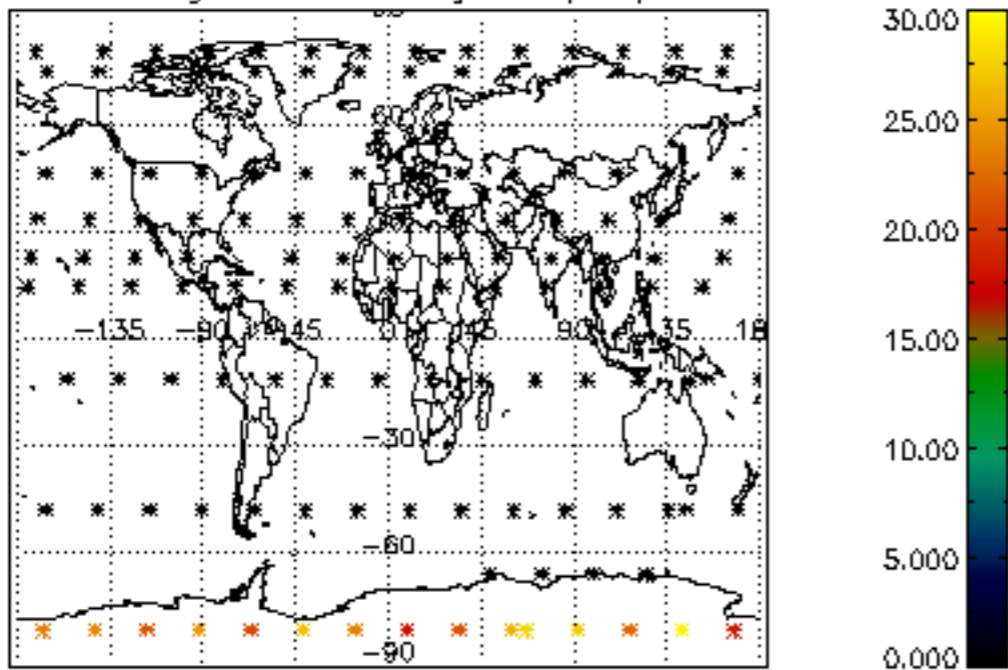
Percentage of star falling outside central band per profile



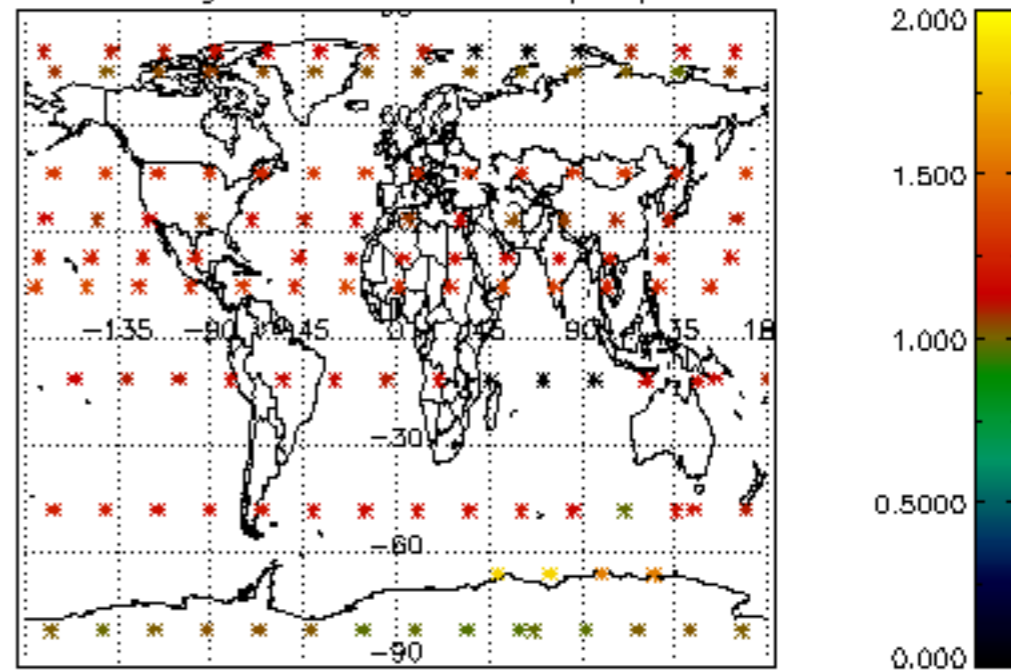
Percentage of saturation errors per profile



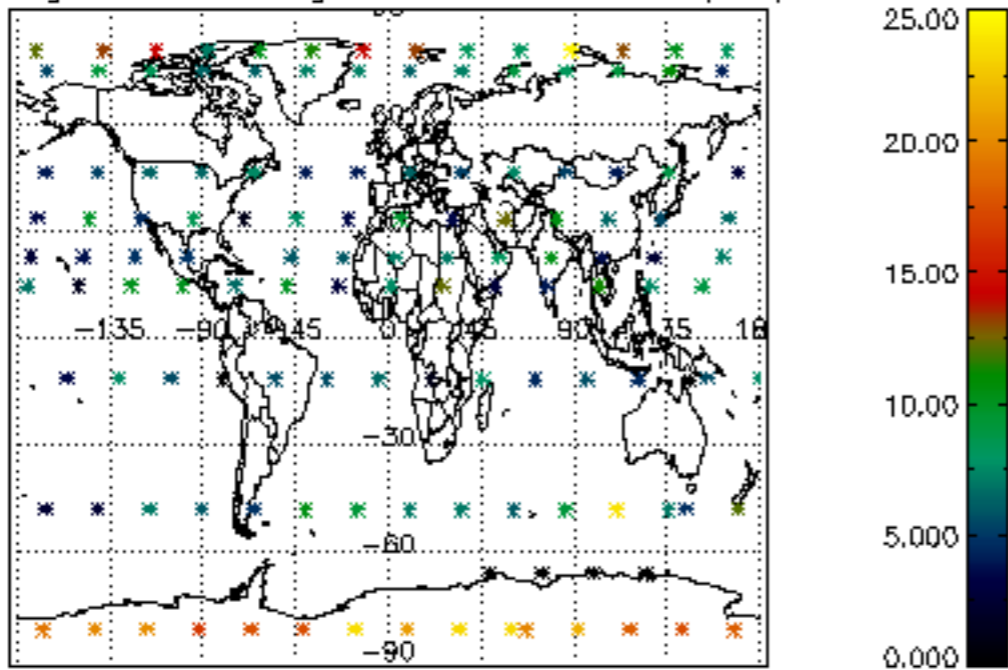
Percentage of cosmic ray hits per profile



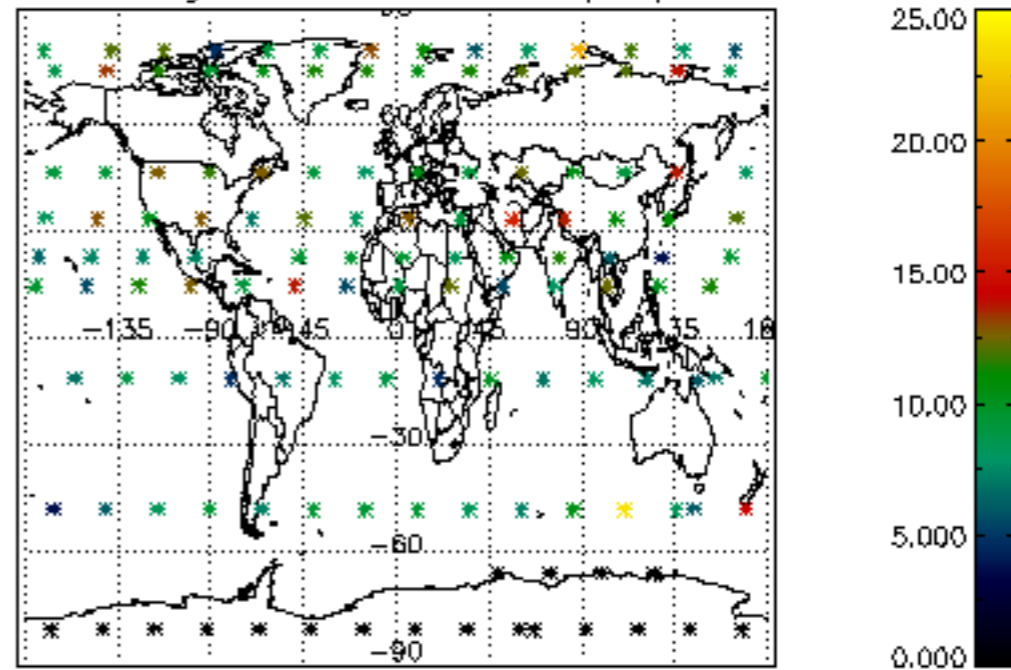
Percentage of datation errors per profile

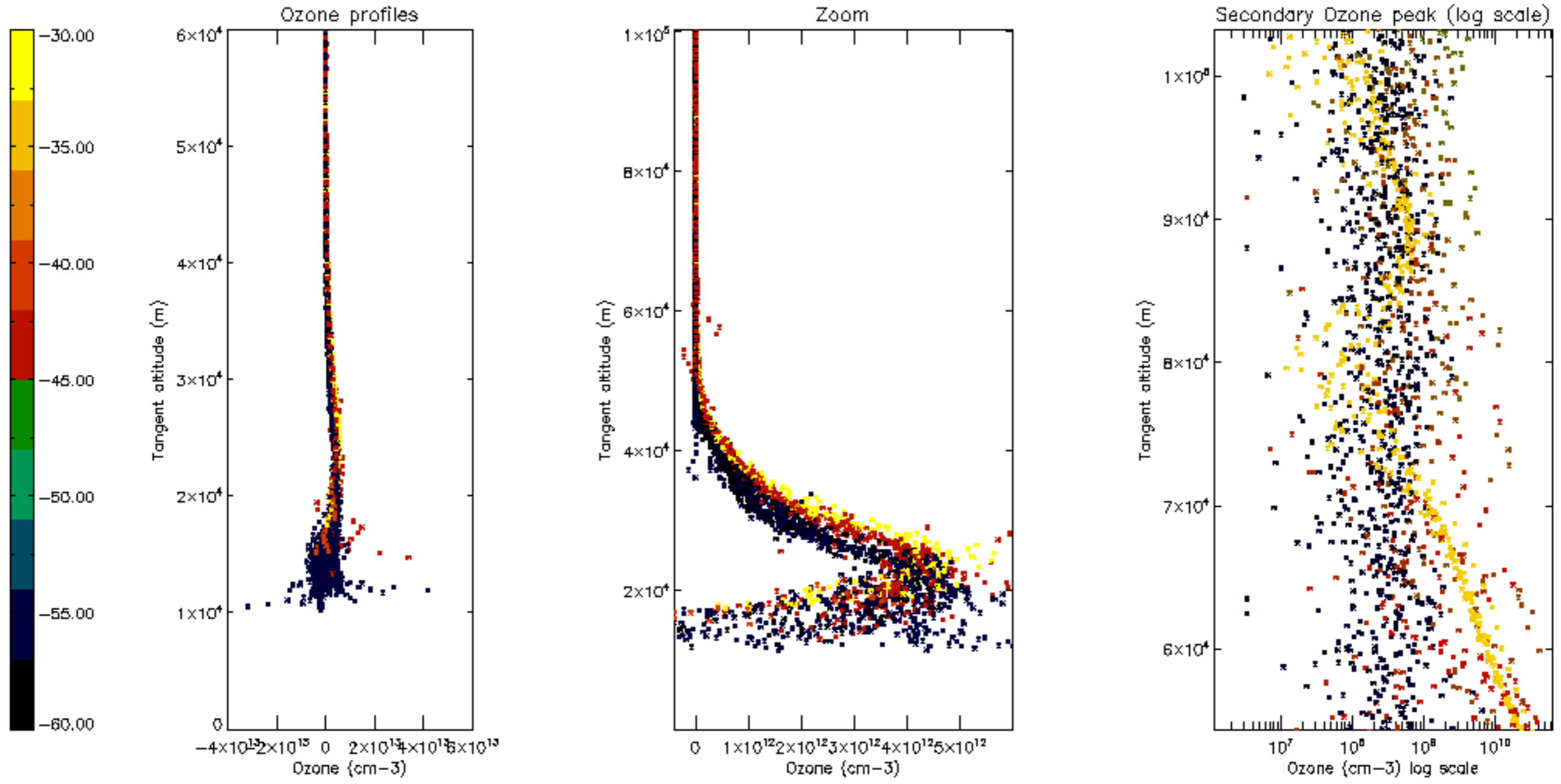


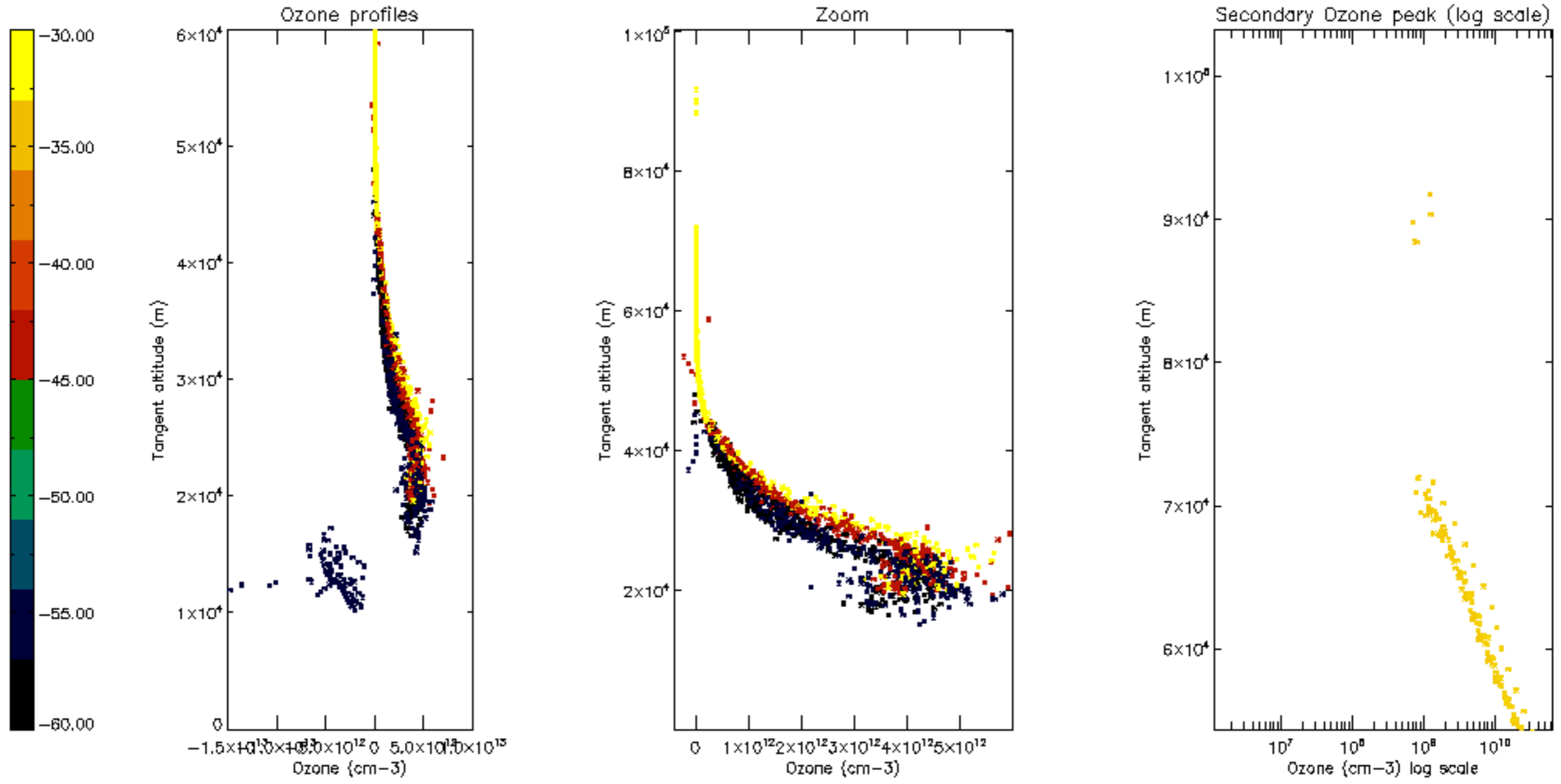
Percentage of star falling outside central band per profile

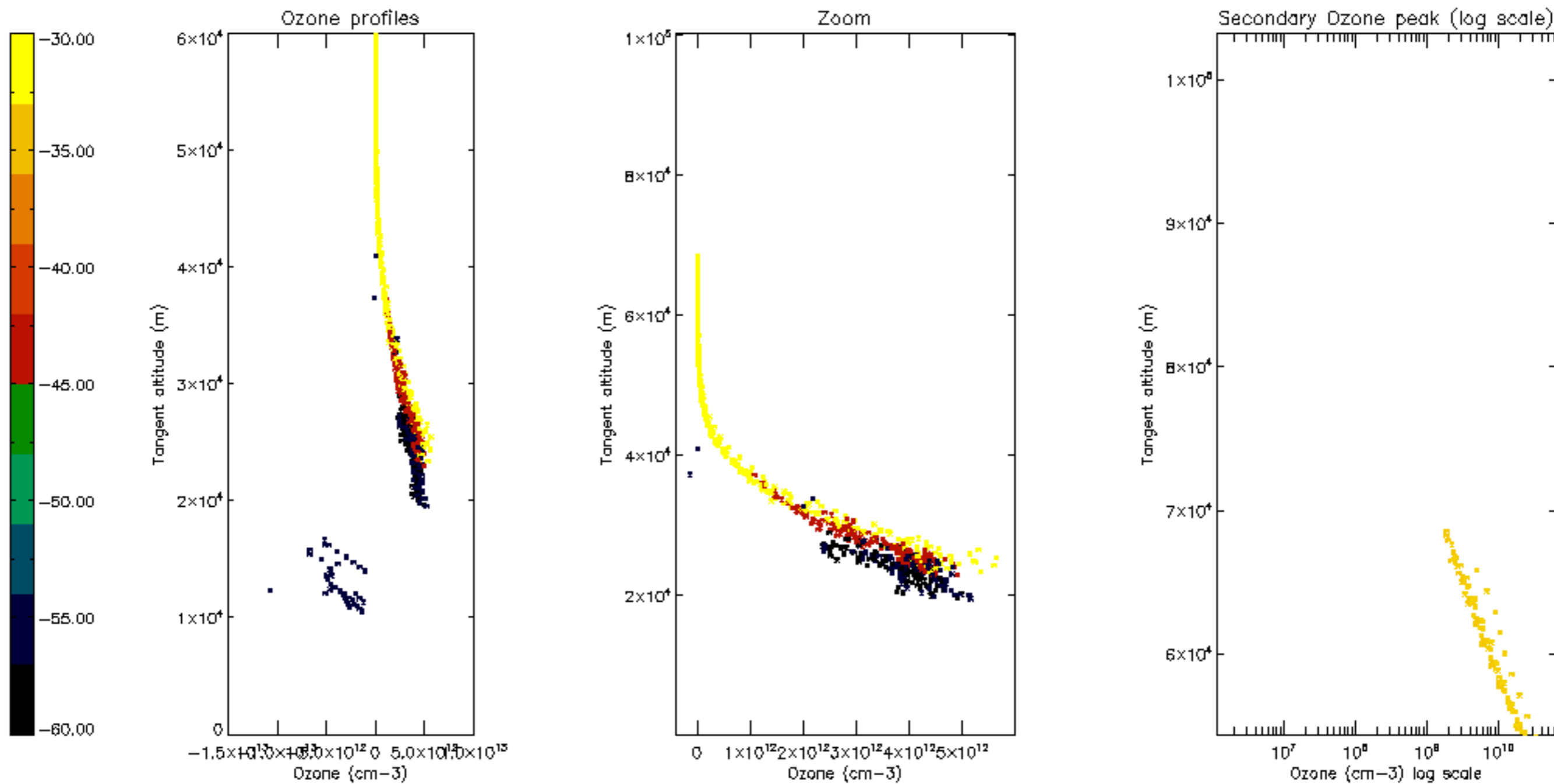


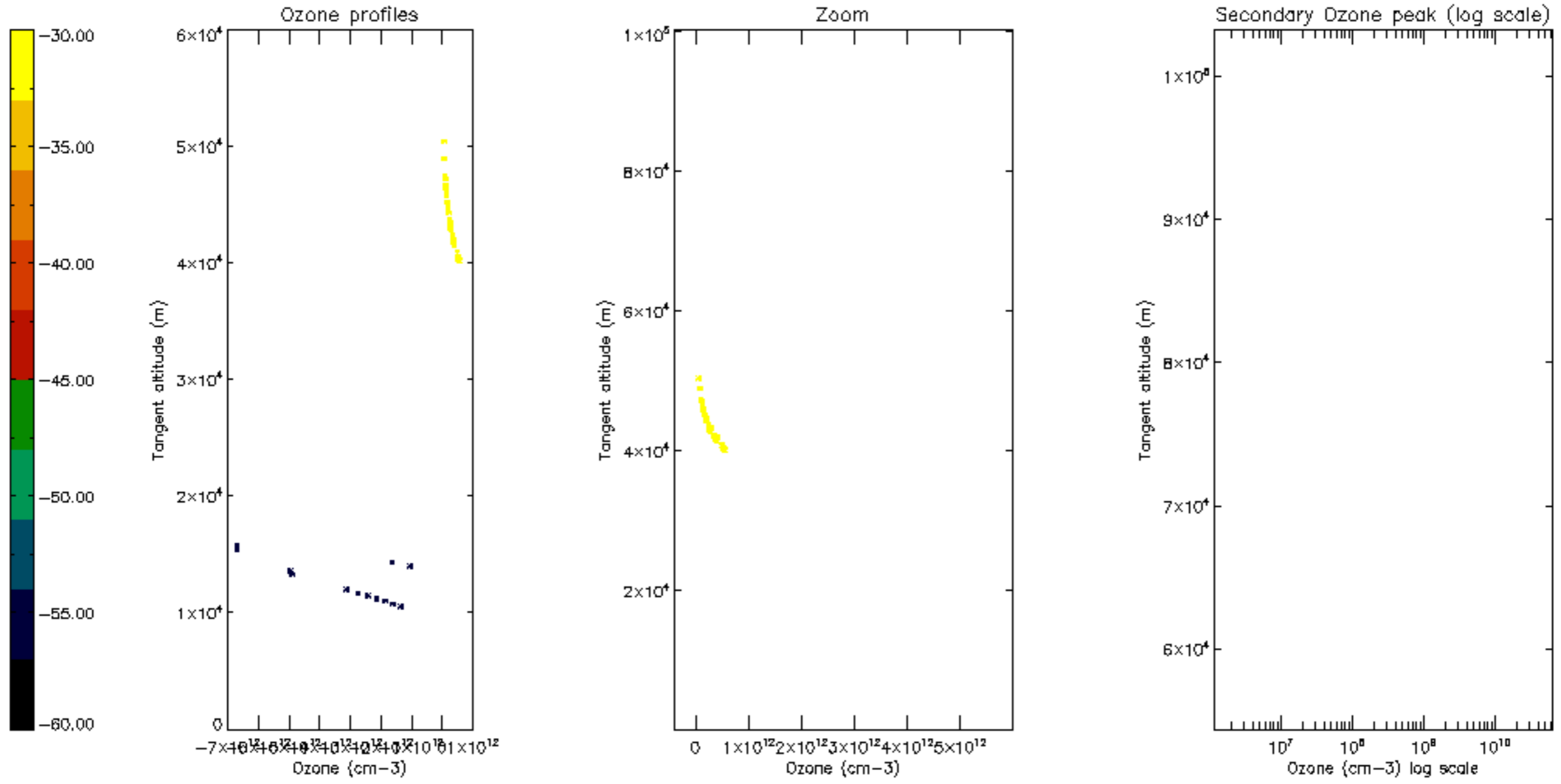
Percentage of saturation errors per profile

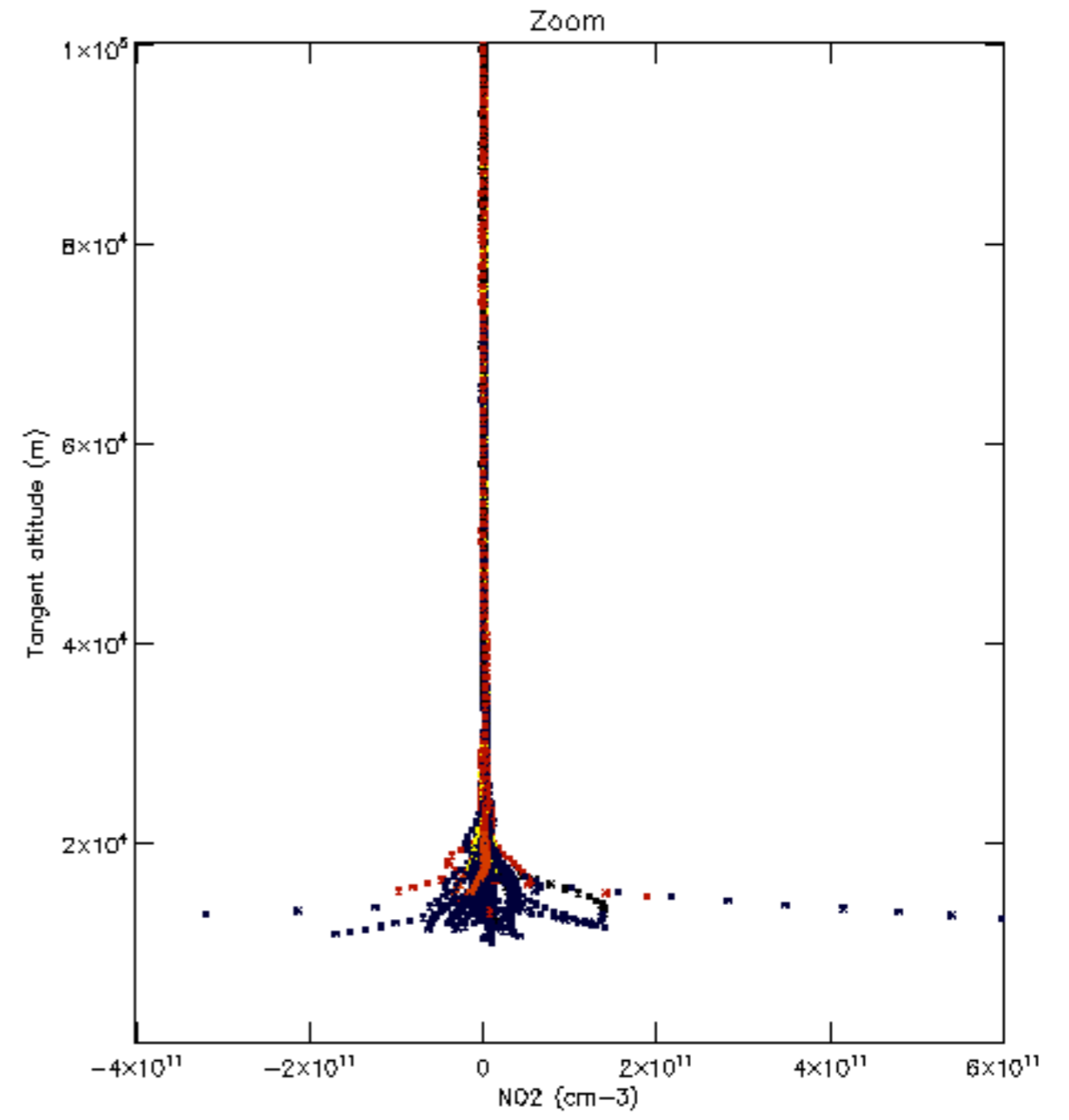
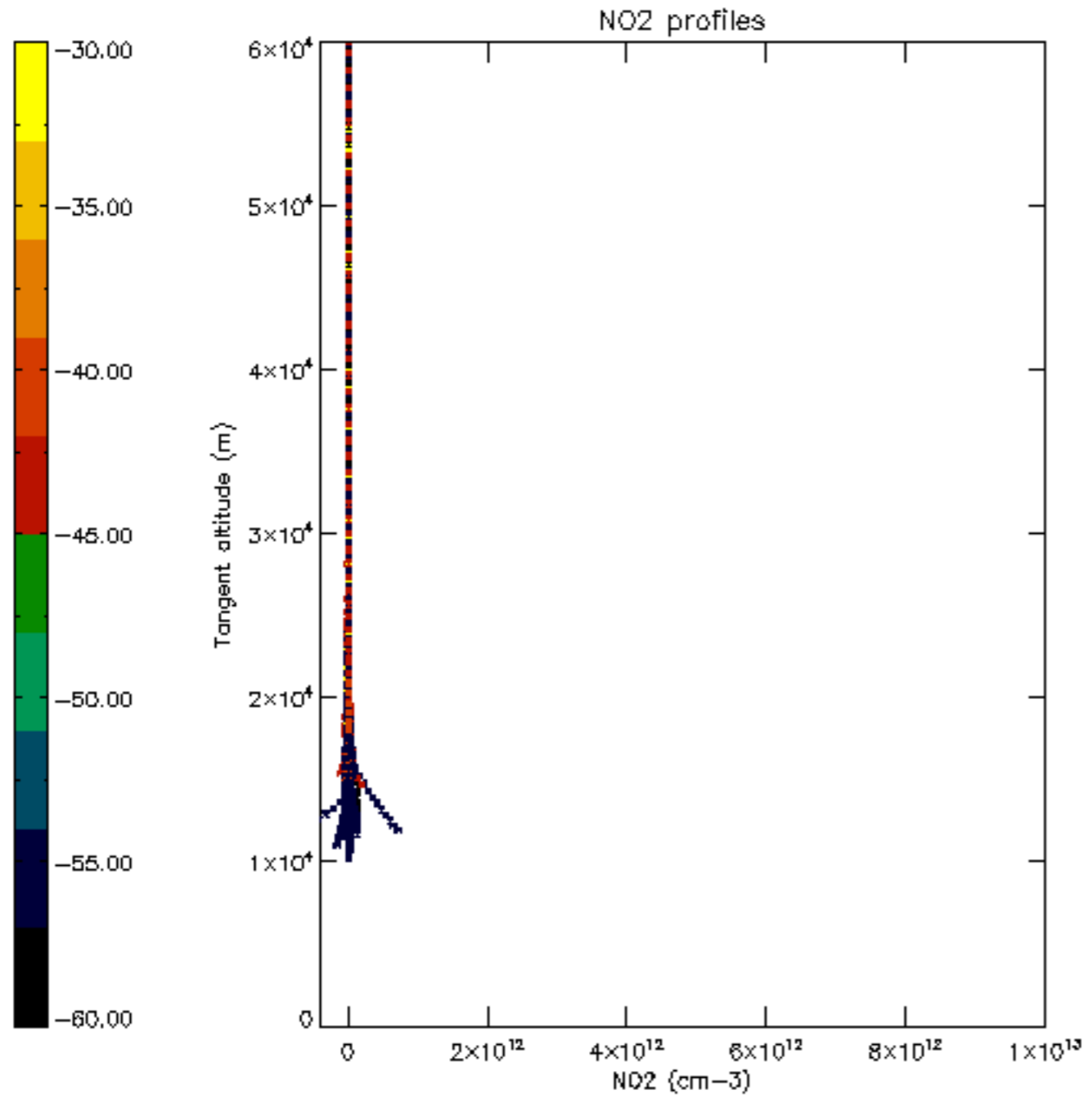


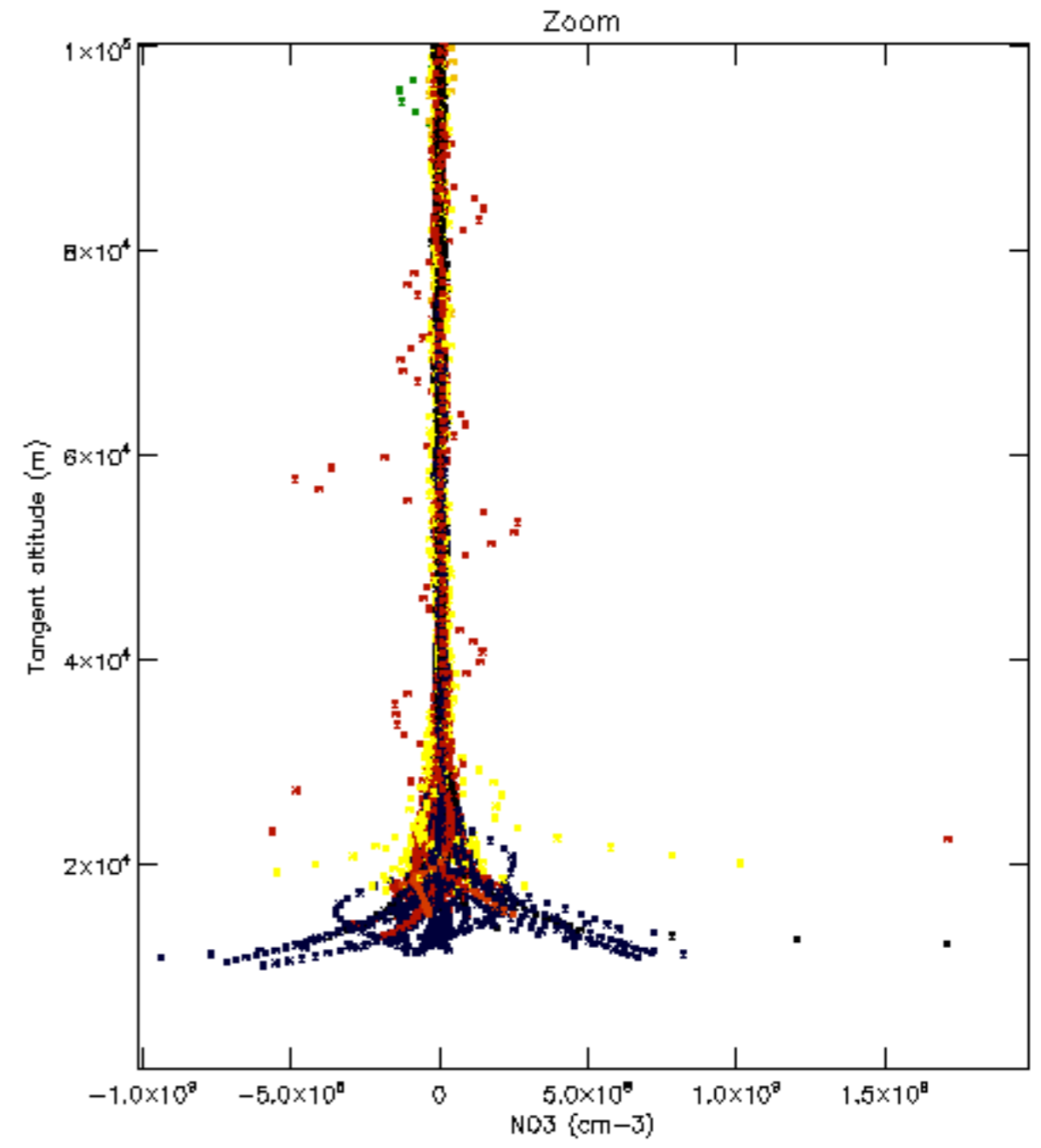
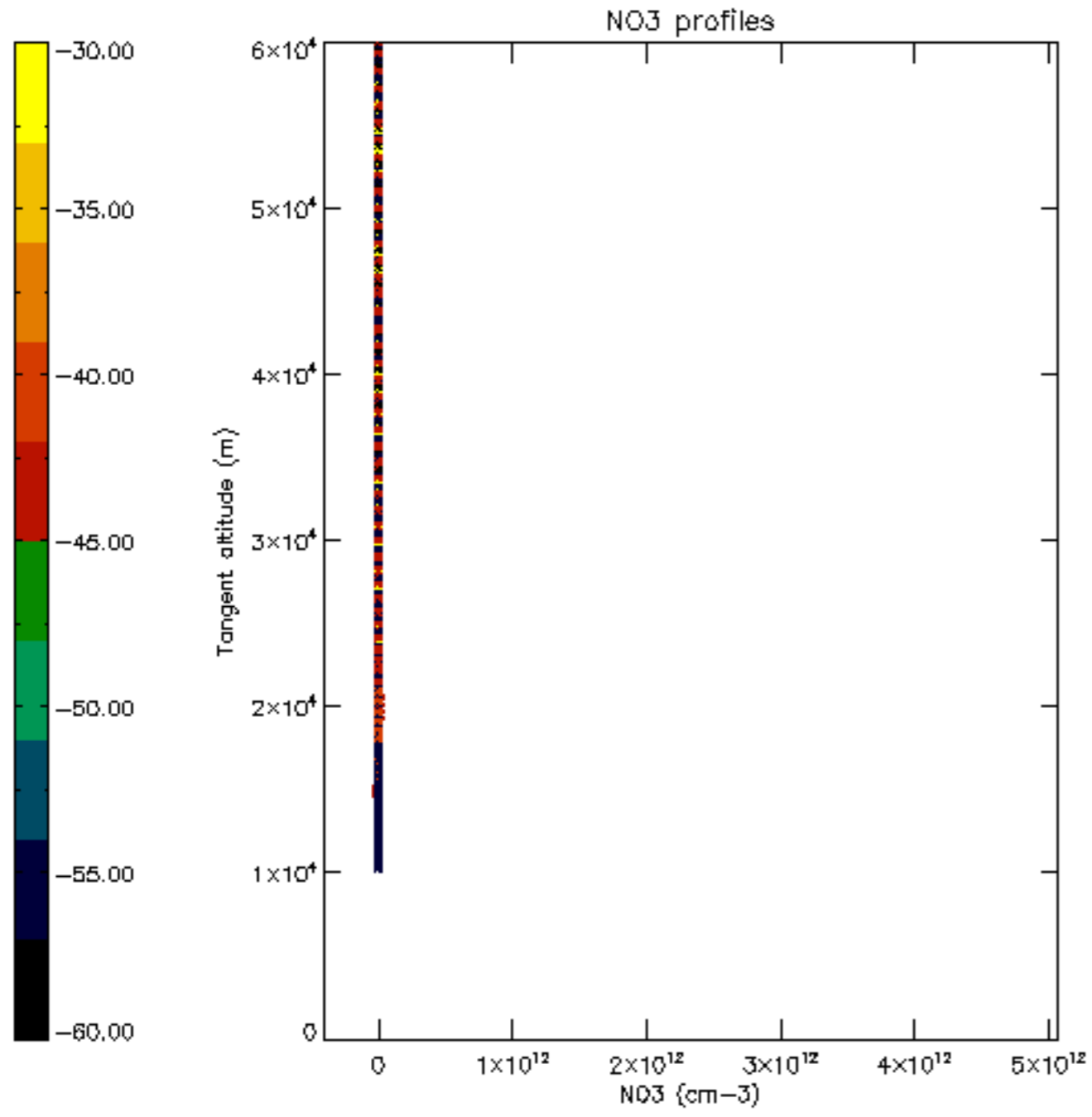


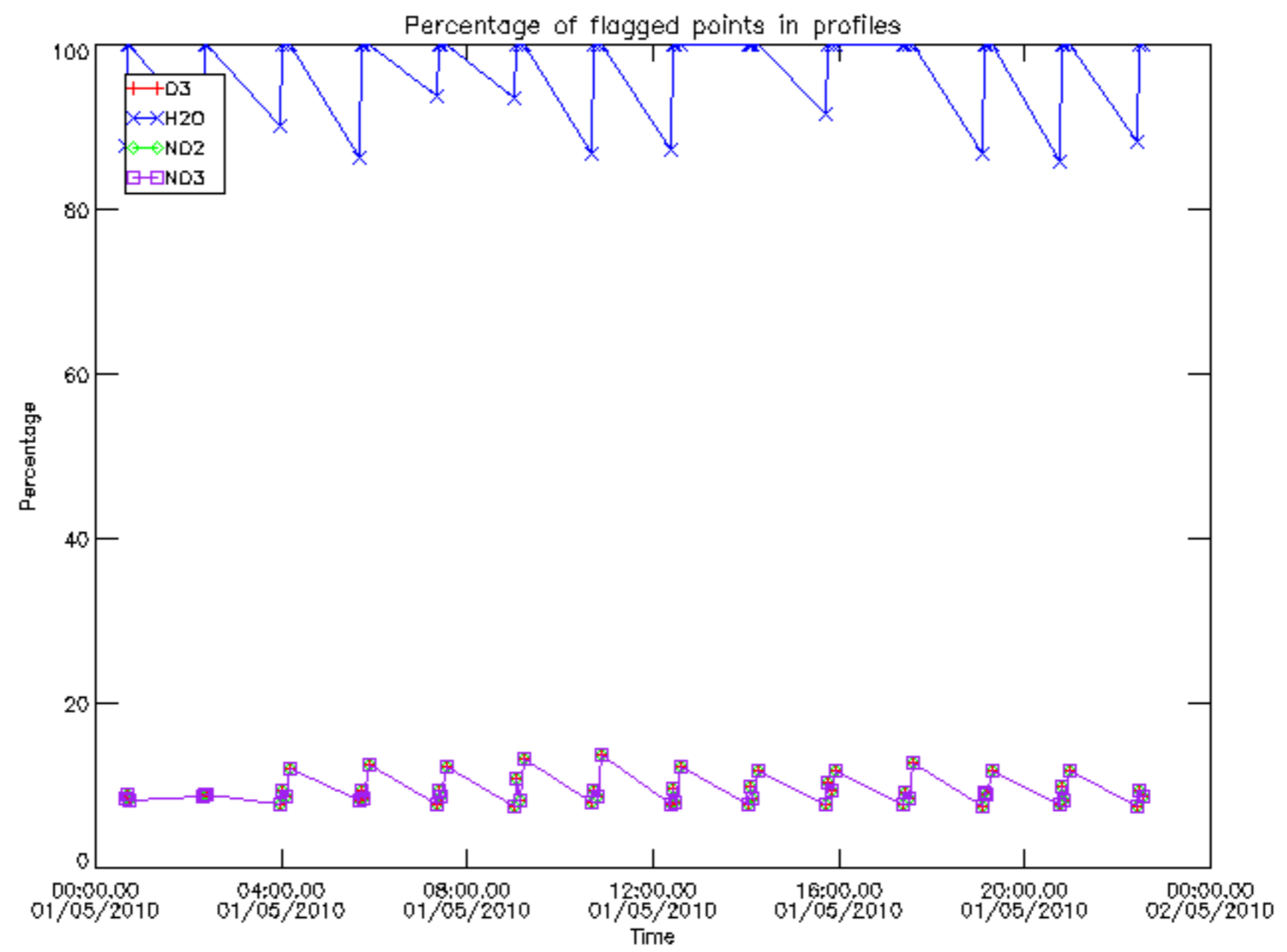




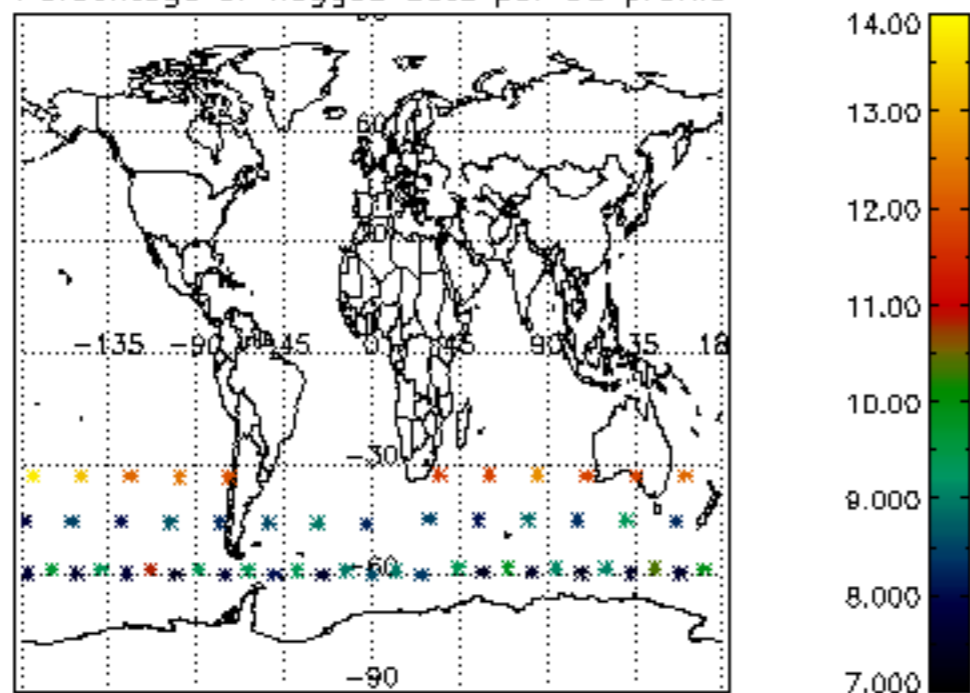




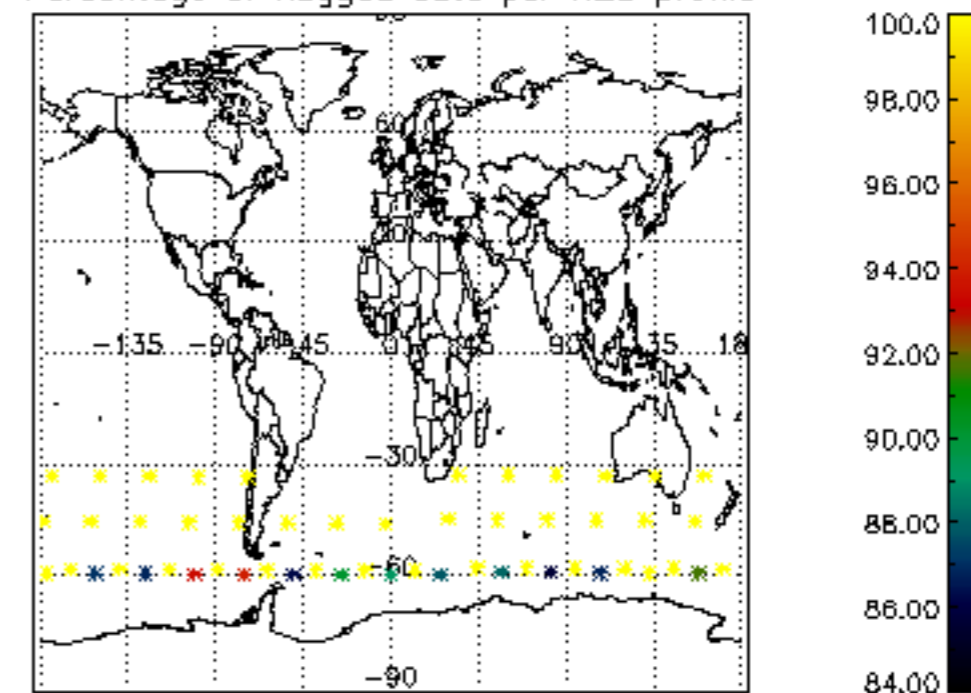




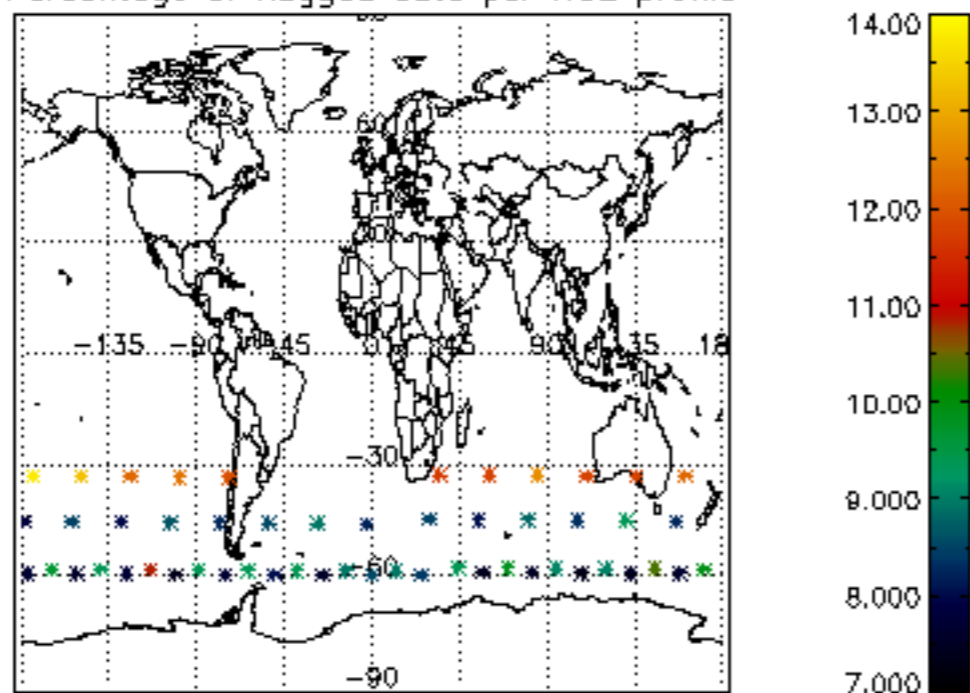
Percentage of flagged data per D3 profile



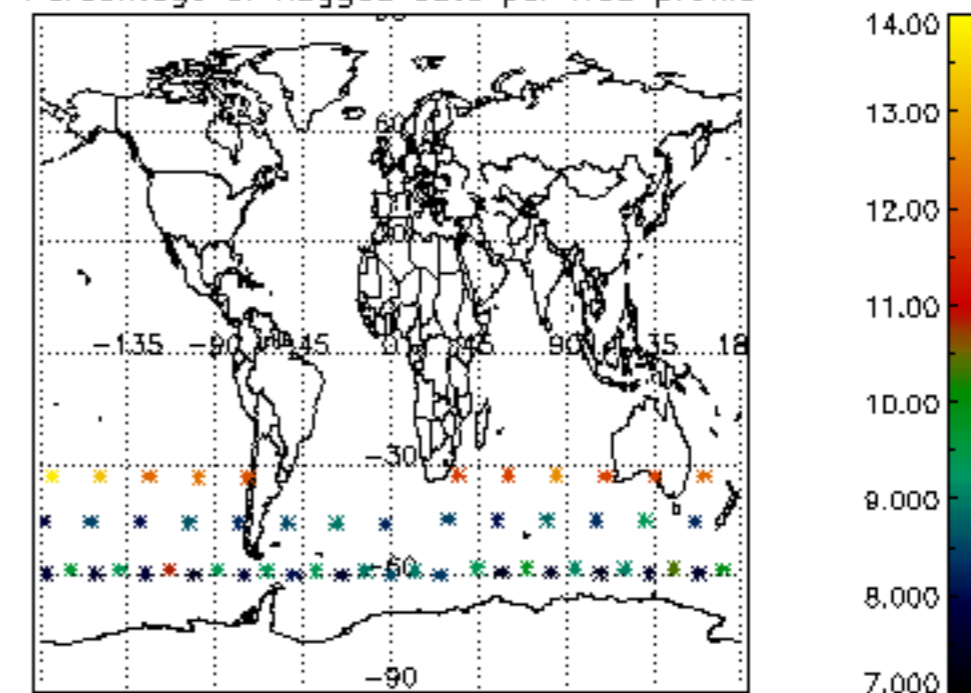
Percentage of flagged data per H2O profile

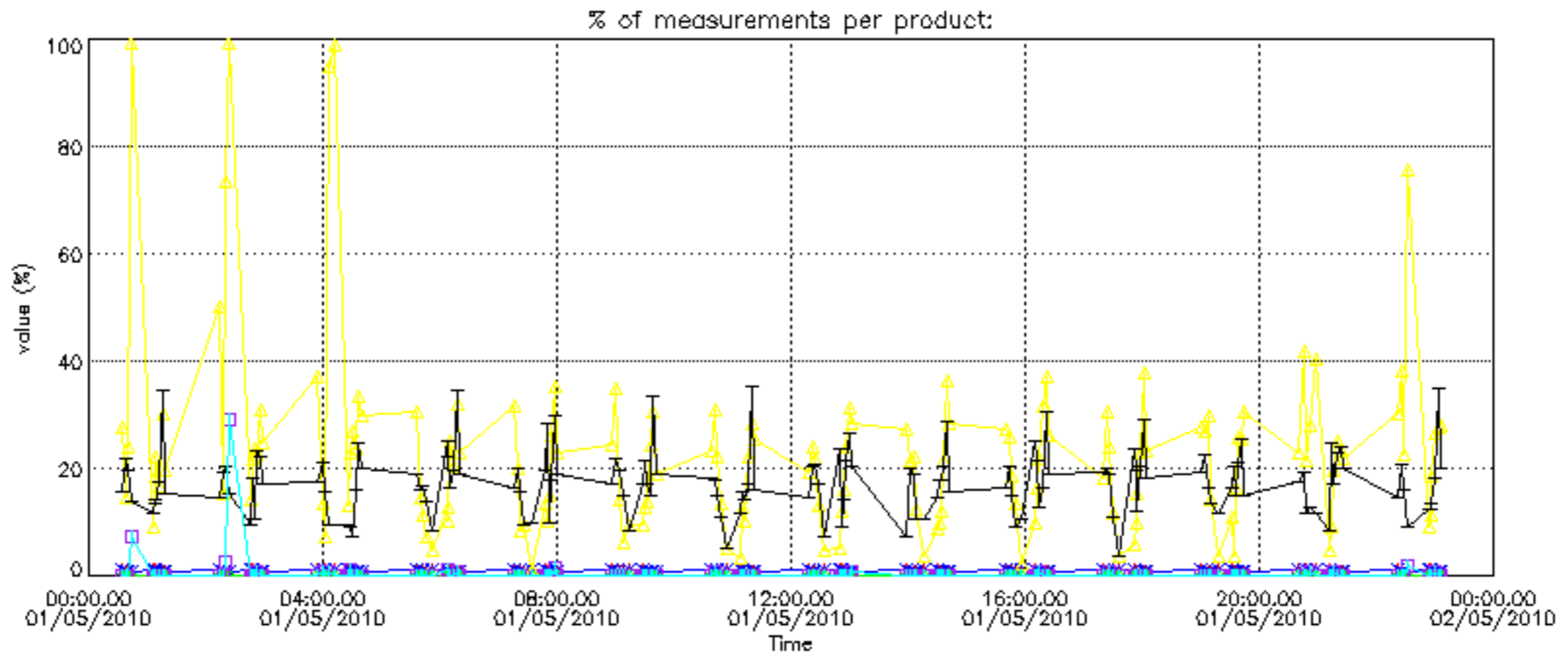


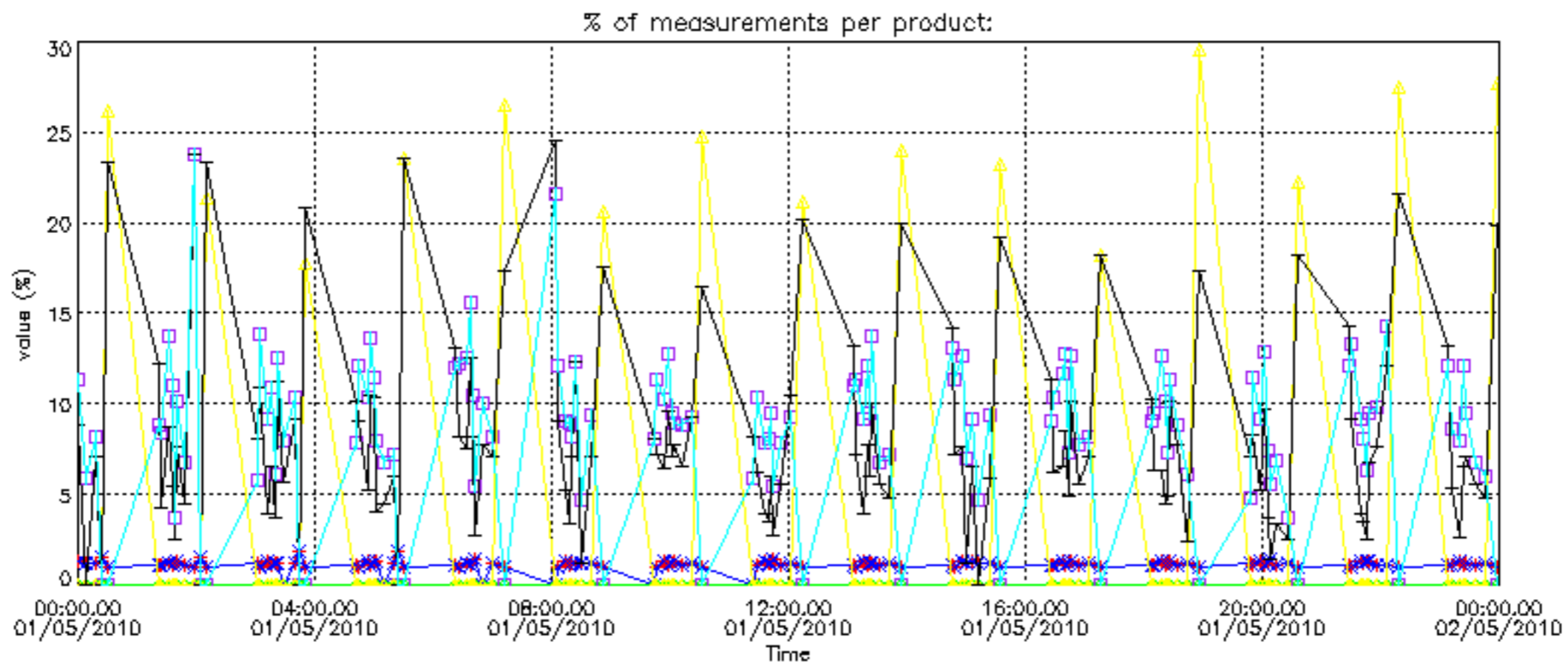
Percentage of flagged data per NO2 profile



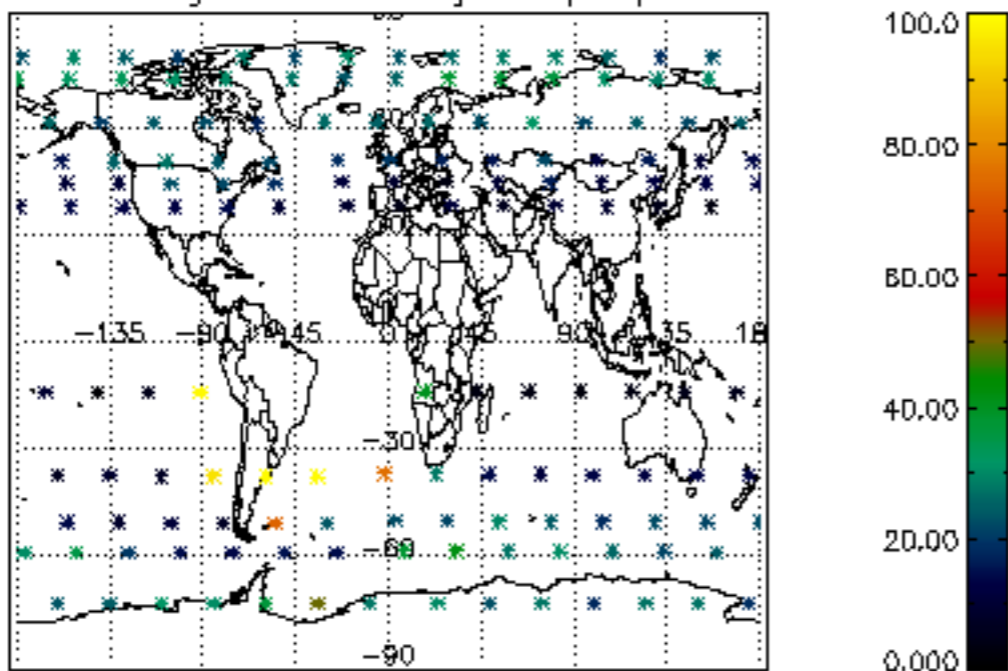
Percentage of flagged data per NO3 profile



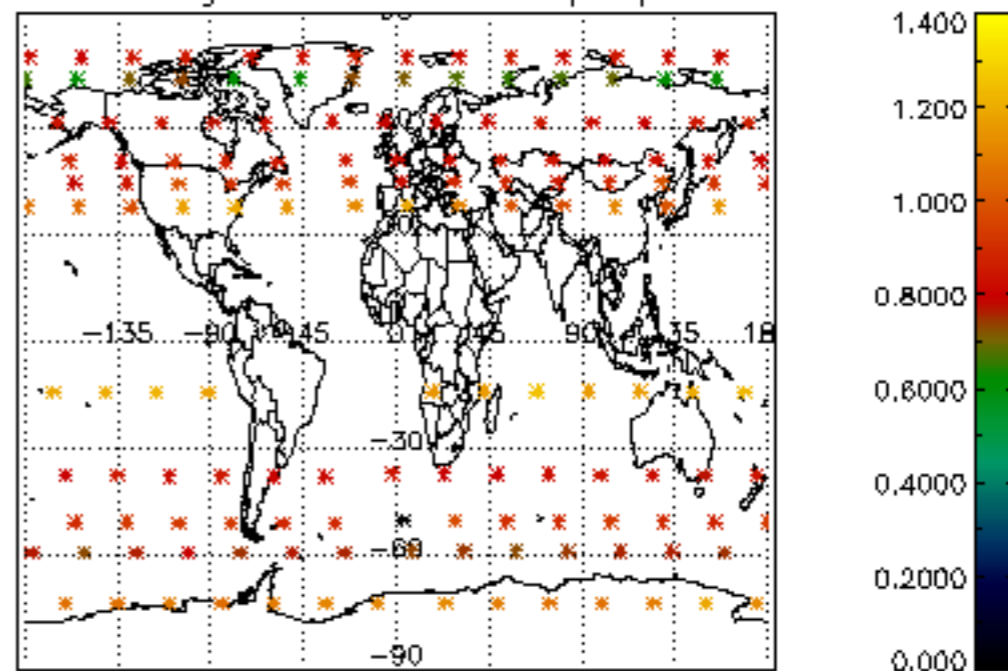




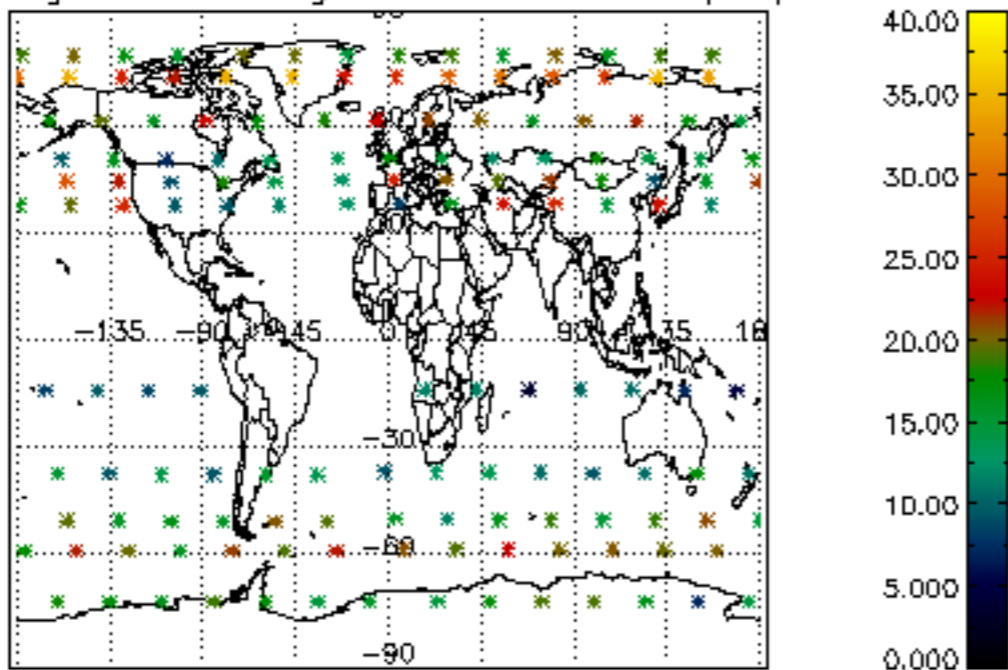
Percentage of cosmic ray hits per profile



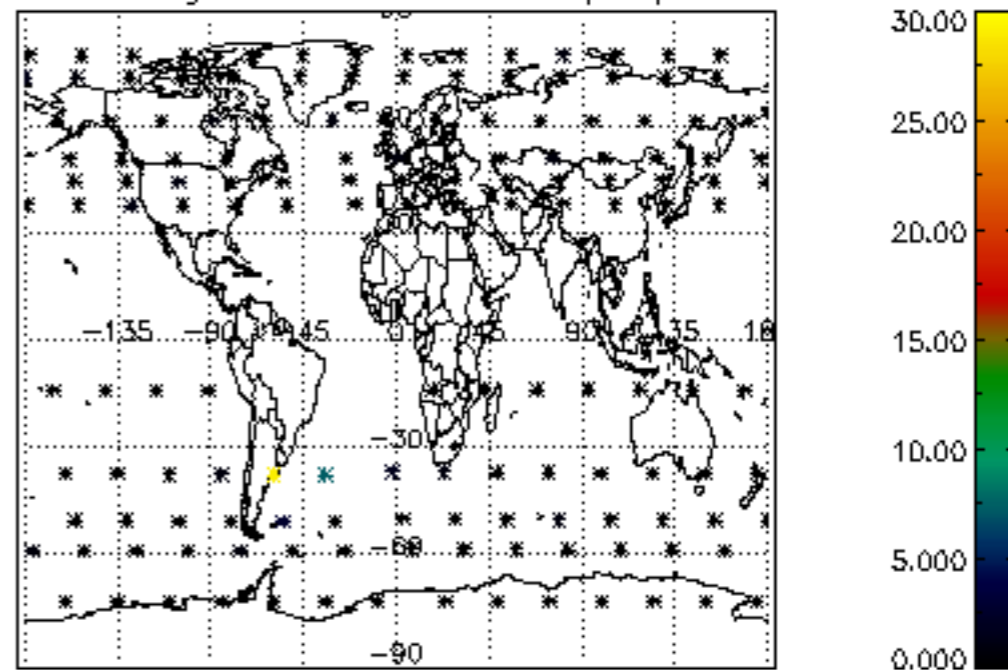
Percentage of datation errors per profile



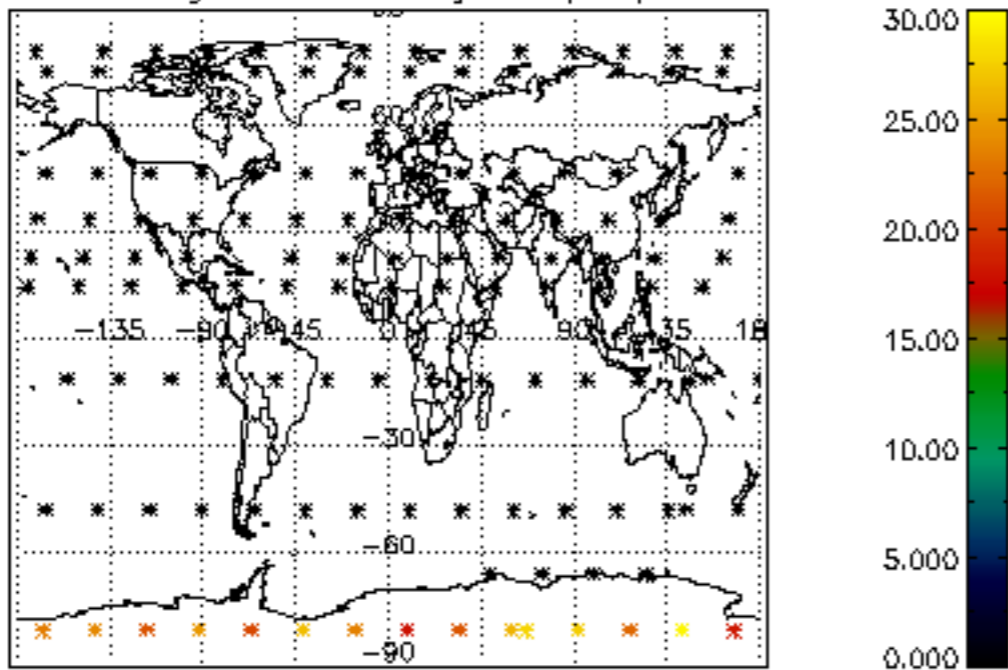
Percentage of star falling outside central band per profile



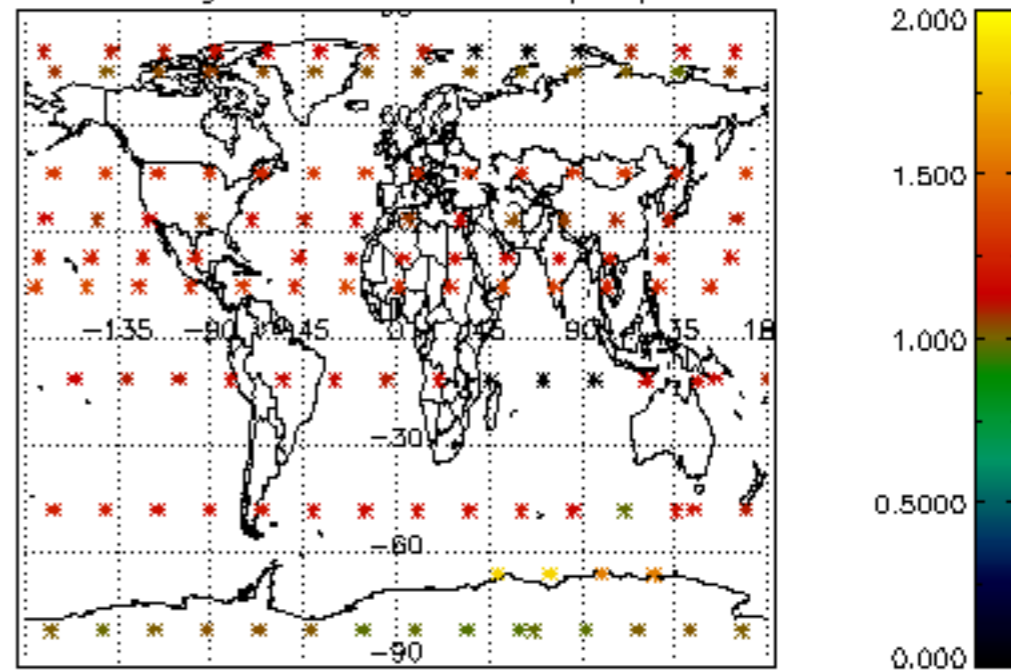
Percentage of saturation errors per profile



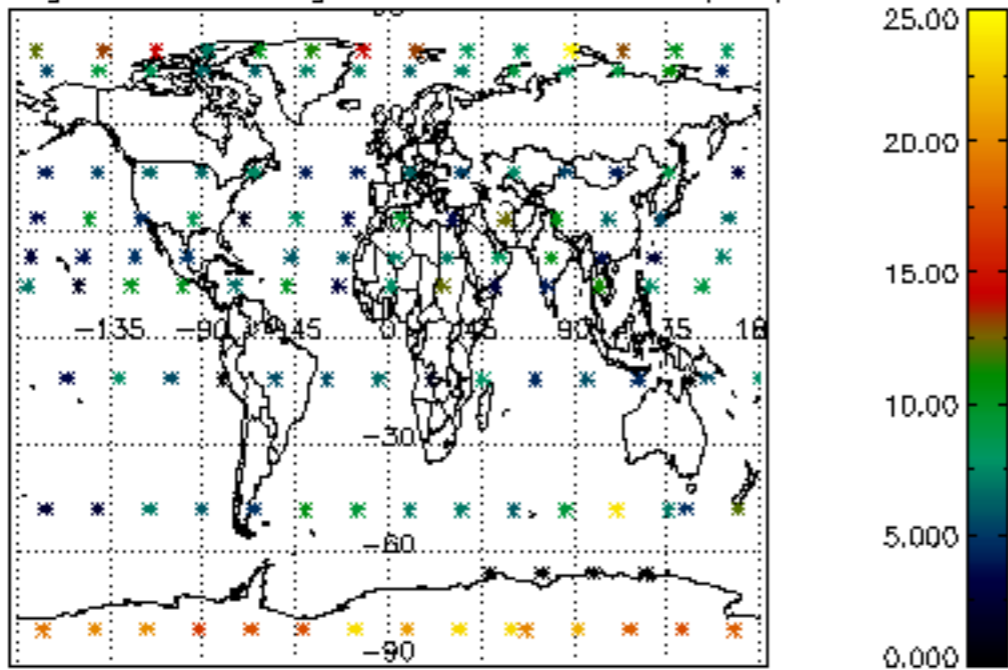
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

