

# 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 10:02:12
Data source version	GOMOS/6.01
Start time of products	24-04-2010 (24APR2010 00:00:00)
Stop time of products	25-04-2010 (25APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	293
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__2PRFIN20100424_000029_000000502088_00460_42598_5986.N1	24-APR-2010 00:00:29	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42598	No
2	GOM_NL__2PRFIN20100424_000231_000000422088_00460_42598_5987.N1	24-APR-2010 00:02:31	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42598	No
3	GOM_NL__2PRFIN20100424_000903_000000382088_00460_42598_5988.N1	24-APR-2010 00:09:03	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42598	No
4	GOM_NL__2PRFIN20100424_001148_000000422088_00460_42598_5989.N1	24-APR-2010 00:11:48	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42598	No
5	GOM_NL__2PRFIN20100424_001656_000000362088_00460_42598_5990.N1	24-APR-2010 00:16:56	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	42598	No
6	GOM_NL__2PRFIN20100424_001903_000000452088_00460_42598_5991.N1	24-APR-2010 00:19:03	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42598	No
7	GOM_NL__2PRFIN20100424_002050_000000412088_00460_42598_5992.N1	24-APR-2010 00:20:50	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42598	No
8	GOM_NL__2PRFIN20100424_002812_000000392088_00460_42598_5993.N1	24-APR-2010 00:28:12	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42598	No
9	GOM_NL__2PRFIN20100424_003825_000000392088_00460_42598_5994.N1	24-APR-2010 00:38:25	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42598	No
10	GOM_NL__2PRFIN20100424_004902_000000412088_00460_42598_5995.N1	24-APR-2010 00:49:02	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	42598	No
11	GOM_NL__2PRFIN20100424_005314_000000422088_00460_42598_5996.N1	24-APR-2010 00:53:14	Twilight	41.500	90	54Alp Peg	2.4870	11000.	83	42598	No
12	GOM_NL__2PRFIN20100424_005649_000000582088_00460_42598_5997.N1	24-APR-2010 00:56:49	Dark	57.500	61	8Eps Peg	2.1000	3900.0	115	42598	No
13	GOM_NL__2PRFIN20100424_005917_000000512088_00460_42598_5998.N1	24-APR-2010 00:59:17	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	42598	No
14	GOM_NL__2PRFIN20100424_010224_000000522088_00460_42598_5999.N1	24-APR-2010 01:02:24	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	42598	No
15	GOM_NL__2PRFIN20100424_011643_000000412088_00461_42599_5989.N1	24-APR-2010 01:16:43	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42599	No
16	GOM_NL__2PRFIN20100424_012537_000000602088_00461_42599_5990.N1	24-APR-2010 01:25:37	Straylight	60.000	40	The Sco	1.8590	7100.0	120	42599	No
17	GOM_NL__2PRFIN20100424_013127_000000402088_00461_42599_5991.N1	24-APR-2010 01:31:27	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42599	No
18	GOM_NL__2PRFIN20100424_013302_000000422088_00461_42599_5992.N1	24-APR-2010 01:33:02	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	42599	No
19	GOM_NL__2PRFIN20100424_013514_000000432088_00461_42599_5993.N1	24-APR-2010 01:35:14	Straylight	43.000	54	5The Cen	2.0550	4500.0	86	42599	No
20	GOM_NL__2PRFIN20100424_014105_000000512088_00461_42599_5994.N1	24-APR-2010 01:41:05	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42599	No
21	GOM_NL__2PRFIN20100424_014307_000000412088_00461_42599_5995.N1	24-APR-2010 01:43:07	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42599	No
22	GOM_NL__2PRFIN20100424_014939_000000372088_00461_42599_5996.N1	24-APR-2010 01:49:39	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42599	No
23	GOM_NL__2PRFIN20100424_015223_000000432088_00461_42599_5997.N1	24-APR-2010 01:52:23	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	42599	No
24	GOM_NL__2PRFIN20100424_015732_000000372088_00461_42599_5998.N1	24-APR-2010 01:57:32	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42599	No
25	GOM_NL__2PRFIN20100424_015938_000000452088_00461_42599_5999.N1	24-APR-2010 01:59:38	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	42599	No
26	GOM_NL__2PRFIN20100424_020125_000000392088_00461_42599_6000.N1	24-APR-2010 02:01:25	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42599	No
27	GOM_NL__2PRFIN20100424_020848_000000512088_00461_42599_6001.N1	24-APR-2010 02:08:48	Bright	50.500	60	7Bet UMi	2.0810	3950.0	101	42599	No
28	GOM_NL__2PRFIN20100424_021901_000000422088_00461_42599_6002.N1	24-APR-2010 02:19:01	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42599	No
29	GOM_NL__2PRFIN20100424_022938_000000412088_00461_42599_6003.N1	24-APR-2010 02:29:38	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	42599	No
30	GOM_NL__2PRFIN20100424_023351_000000422088_00461_42599_6004.N1	24-APR-2010 02:33:51	Twilight	42.000	90	54Alp Peg	2.4870	11000.	84	42599	No
31	GOM_NL__2PRFIN20100424_023726_000000562088_00461_42599_6005.N1	24-APR-2010 02:37:26	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42599	No
32	GOM_NL__2PRFIN20100424_023954_000000462088_00461_42599_6006.N1	24-APR-2010 02:39:54	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42599	No
33	GOM_NL__2PRFIN20100424_024301_000000562088_00461_42599_6007.N1	24-APR-2010 02:43:01	Dark	55.500	154	22Bet Aqr	2.8990	5700.0	111	42599	No
34	GOM_NL__2PRFIN20100424_025720_000000422088_00462_42600_5998.N1	24-APR-2010 02:57:20	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42600	No
35	GOM_NL__2PRFIN20100424_030614_000000522088_00462_42600_5999.N1	24-APR-2010 03:06:14	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42600	No
36	GOM_NL__2PRFIN20100424_031204_000000432088_00462_42600_6000.N1	24-APR-2010 03:12:04	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42600	No
37	GOM_NL__2PRFIN20100424_031338_000000432088_00462_42600_6001.N1	24-APR-2010 03:13:38	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42600	No
38	GOM_NL__2PRFIN20100424_031550_000000482088_00462_42600_6002.N1	24-APR-2010 03:15:50	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42600	No
39	GOM_NL__2PRFIN20100424_032142_000000512088_00462_42600_6003.N1	24-APR-2010 03:21:42	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42600	No
40	GOM_NL__2PRFIN20100424_032343_000000422088_00462_42600_6004.N1	24-APR-2010 03:23:43	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42600	No
41	GOM_NL__2PRFIN20100424_033015_000000362088_00462_42600_6005.N1	24-APR-2010 03:30:15	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	42600	No
42	GOM_NL__2PRFIN20100424_033259_000000422088_00462_42600_6006.N1	24-APR-2010 03:32:59	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42600	No

43	GOM_NL__2PRFIN20100424_033808_000000352088_00462_42600_6007.N1	24-APR-2010 03:38:08	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	42600	No
44	GOM_NL__2PRFIN20100424_034013_000000442088_00462_42600_6008.N1	24-APR-2010 03:40:13	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	42600	No
45	GOM_NL__2PRFIN20100424_034201_000000392088_00462_42600_6009.N1	24-APR-2010 03:42:01	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42600	No
46	GOM_NL__2PRFIN20100424_034923_000000412088_00462_42600_6010.N1	24-APR-2010 03:49:23	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42600	No
47	GOM_NL__2PRFIN20100424_035937_000000422088_00462_42600_6011.N1	24-APR-2010 03:59:37	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42600	No
48	GOM_NL__2PRFIN20100424_041014_000000402088_00462_42600_6012.N1	24-APR-2010 04:10:14	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42600	No
49	GOM_NL__2PRFIN20100424_041427_000000442088_00462_42600_6013.N1	24-APR-2010 04:14:27	Tw_i_and_stray	44.000	90	54Alp Peg	2.4870	11000.	88	42600	No
50	GOM_NL__2PRFIN20100424_041803_000000542088_00462_42600_6014.N1	24-APR-2010 04:18:03	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42600	No
51	GOM_NL__2PRFIN20100424_042030_000000492088_00462_42600_6015.N1	24-APR-2010 04:20:30	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42600	No
52	GOM_NL__2PRFIN20100424_042337_000000552088_00462_42600_6016.N1	24-APR-2010 04:23:37	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42600	No
53	GOM_NL__2PRFIN20100424_043051_000000412088_00462_42600_6017.N1	24-APR-2010 04:30:51	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42600	No
54	GOM_NL__2PRFIN20100424_043756_000000402088_00463_42601_6006.N1	24-APR-2010 04:37:56	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42601	No
55	GOM_NL__2PRFIN20100424_044651_000000572088_00463_42601_6007.N1	24-APR-2010 04:46:51	Straylight	57.000	40	The Sco	1.8590	7100.0	114	42601	No
56	GOM_NL__2PRFIN20100424_045240_000000422088_00463_42601_6008.N1	24-APR-2010 04:52:40	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42601	No
57	GOM_NL__2PRFIN20100424_045414_000000432088_00463_42601_6009.N1	24-APR-2010 04:54:14	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42601	No
58	GOM_NL__2PRFIN20100424_045627_000000462088_00463_42601_6010.N1	24-APR-2010 04:56:27	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42601	No
59	GOM_NL__2PRFIN20100424_050218_000000502088_00463_42601_6011.N1	24-APR-2010 05:02:18	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42601	No
60	GOM_NL__2PRFIN20100424_050419_000000402088_00463_42601_6012.N1	24-APR-2010 05:04:19	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	42601	No
61	GOM_NL__2PRFIN20100424_051051_000000372088_00463_42601_6013.N1	24-APR-2010 05:10:51	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42601	No
62	GOM_NL__2PRFIN20100424_051335_000000442088_00463_42601_6014.N1	24-APR-2010 05:13:35	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42601	No
63	GOM_NL__2PRFIN20100424_051844_000000372088_00463_42601_6015.N1	24-APR-2010 05:18:44	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42601	No
64	GOM_NL__2PRFIN20100424_052049_000000432088_00463_42601_6016.N1	24-APR-2010 05:20:49	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	42601	No
65	GOM_NL__2PRFIN20100424_052237_000000412088_00463_42601_6017.N1	24-APR-2010 05:22:37	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42601	No
66	GOM_NL__2PRFIN20100424_052959_000000402088_00463_42601_6018.N1	24-APR-2010 05:29:59	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42601	No
67	GOM_NL__2PRFIN20100424_054013_000000462088_00463_42601_6019.N1	24-APR-2010 05:40:13	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42601	No
68	GOM_NL__2PRFIN20100424_055051_000000422088_00463_42601_6020.N1	24-APR-2010 05:50:51	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	42601	No
69	GOM_NL__2PRFIN20100424_055503_000000442088_00463_42601_6021.N1	24-APR-2010 05:55:03	Tw_i_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42601	No
70	GOM_NL__2PRFIN20100424_055839_000000542088_00463_42601_6022.N1	24-APR-2010 05:58:39	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	42601	No
71	GOM_NL__2PRFIN20100424_060106_000000502088_00463_42601_6023.N1	24-APR-2010 06:01:06	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42601	No
72	GOM_NL__2PRFIN20100424_060414_000000552088_00463_42601_6024.N1	24-APR-2010 06:04:14	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42601	No
73	GOM_NL__2PRFIN20100424_061128_000000432088_00463_42601_6025.N1	24-APR-2010 06:11:28	Dark	42.500	172	Gam Gru	3.0030	13100.	85	42601	No
74	GOM_NL__2PRFIN20100424_061833_000000402088_00464_42602_6034.N1	24-APR-2010 06:18:33	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42602	No
75	GOM_NL__2PRFIN20100424_062728_000000622088_00464_42602_6035.N1	24-APR-2010 06:27:28	Straylight	61.500	40	The Sco	1.8590	7100.0	123	42602	No
76	GOM_NL__2PRFIN20100424_063317_000000412088_00464_42602_6036.N1	24-APR-2010 06:33:17	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42602	No
77	GOM_NL__2PRFIN20100424_063450_000000432088_00464_42602_6037.N1	24-APR-2010 06:34:50	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42602	No
78	GOM_NL__2PRFIN20100424_063703_000000472088_00464_42602_6038.N1	24-APR-2010 06:37:03	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42602	No
79	GOM_NL__2PRFIN20100424_064254_000000492088_00464_42602_6039.N1	24-APR-2010 06:42:54	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	42602	No
80	GOM_NL__2PRFIN20100424_064455_000000412088_00464_42602_6040.N1	24-APR-2010 06:44:55	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42602	No
81	GOM_NL__2PRFIN20100424_065127_000000482088_00464_42602_6041.N1	24-APR-2010 06:51:27	Bright	48.000	138	47Eps Vir	2.8280	4700.0	96	42602	No
82	GOM_NL__2PRFIN20100424_065410_000000422088_00464_42602_6042.N1	24-APR-2010 06:54:10	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42602	No
83	GOM_NL__2PRFIN20100424_065920_000000382088_00464_42602_6043.N1	24-APR-2010 06:59:20	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42602	No
84	GOM_NL__2PRFIN20100424_070124_000000452088_00464_42602_6044.N1	24-APR-2010 07:01:24	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42602	No
85	GOM_NL__2PRFIN20100424_070312_000000422088_00464_42602_6045.N1	24-APR-2010 07:03:12	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42602	No
86	GOM_NL__2PRFIN20100424_071035_000000402088_00464_42602_6046.N1	24-APR-2010 07:10:35	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42602	No
87	GOM_NL__2PRFIN20100424_072048_000000422088_00464_42602_6047.N1	24-APR-2010 07:20:48	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42602	No
88	GOM_NL__2PRFIN20100424_073127_000000392088_00464_42602_6048.N1	24-APR-2010 07:31:27	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42602	No
89	GOM_NL__2PRFIN20100424_073539_000000422088_00464_42602_6049.N1	24-APR-2010 07:35:39	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42602	No
90	GOM_NL__2PRFIN20100424_073916_000000542088_00464_42602_6050.N1	24-APR-2010 07:39:16	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42602	No
91	GOM_NL__2PRFIN20100424_074144_000000502088_00464_42602_6051.N1	24-APR-2010 07:41:44	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	42602	No
92	GOM_NL__2PRFIN20100424_074452_000000552088_00464_42602_6052.N1	24-APR-2010 07:44:52	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42602	No
93	GOM_NL__2PRFIN20100424_075204_000000412088_00464_42602_6053.N1	24-APR-2010 07:52:04	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42602	No
94	GOM_NL__2PRFIN20100424_075909_000000412088_00465_42603_6042.N1	24-APR-2010 07:59:09	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42603	No
95	GOM_NL__2PRFIN20100424_080805_000000622088_00465_42603_6043.N1	24-APR-2010 08:08:05	Straylight	61.500	40	The Sco	1.8590	7100.0	123	42603	No
96	GOM_NL__2PRFIN20100424_081353_000000432088_00465_42603_6044.N1	24-APR-2010 08:13:53	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42603	No
97	GOM_NL__2PRFIN20100424_081527_000000422088_00465_42603_6045.N1	24-APR-2010 08:15:27	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	42603	No
98	GOM_NL__2PRFIN20100424_081739_000000442088_00465_42603_6046.N1	24-APR-2010 08:17:39	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	42603	No
99	GOM_NL__2PRFIN20100424_082330_000000492088_00465_42603_6047.N1	24-APR-2010 08:23:30	Bright	48.500	122	9Alp2Lib	2.7470	9700.0	97	42603	No
100	GOM_NL__2PRFIN20100424_082531_000000392088_00465_42603_6048.N1	24-APR-2010 08:25:31	Bright	39.000	15	67Alp Vir	0.97600	28000.	78	42603	No
101	GOM_NL__2PRFIN20100424_083203_000000382088_00465_42603_6049.N1	24-APR-2010 08:32:03	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42603	No

102	GOM_NL__2PRFIN20100424_083446_000000442088_00465_42603_6050.N1	24-APR-2010 08:34:46	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42603	No
103	GOM_NL__2PRFIN20100424_083955_000000382088_00465_42603_6051.N1	24-APR-2010 08:39:55	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42603	No
104	GOM_NL__2PRFIN20100424_084159_000000442088_00465_42603_6052.N1	24-APR-2010 08:41:59	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	42603	No
105	GOM_NL__2PRFIN20100424_084348_000000412088_00465_42603_6053.N1	24-APR-2010 08:43:48	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42603	No
106	GOM_NL__2PRFIN20100424_085111_000000372088_00465_42603_6054.N1	24-APR-2010 08:51:11	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42603	No
107	GOM_NL__2PRFIN20100424_090124_000000422088_00465_42603_6055.N1	24-APR-2010 09:01:24	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42603	No
108	GOM_NL__2PRFIN20100424_091202_000000572088_00465_42603_6056.N1	24-APR-2010 09:12:02	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	42603	No
109	GOM_NL__2PRFIN20100424_091615_000000422088_00465_42603_6057.N1	24-APR-2010 09:16:15	Tw_i_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	42603	No
110	GOM_NL__2PRFIN20100424_091952_000000542088_00465_42603_6058.N1	24-APR-2010 09:19:52	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42603	No
111	GOM_NL__2PRFIN20100424_092220_000000502088_00465_42603_6059.N1	24-APR-2010 09:22:20	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42603	No
112	GOM_NL__2PRFIN20100424_092528_000000542088_00465_42603_6060.N1	24-APR-2010 09:25:28	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	42603	No
113	GOM_NL__2PRFIN20100424_093241_000000402088_00465_42603_6061.N1	24-APR-2010 09:32:41	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42603	No
114	GOM_NL__2PRFIN20100424_093946_000000422088_00466_42604_6050.N1	24-APR-2010 09:39:46	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42604	No
115	GOM_NL__2PRFIN20100424_094842_000000552088_00466_42604_6051.N1	24-APR-2010 09:48:42	Straylight	54.500	40	The Sco	1.8590	7100.0	109	42604	No
116	GOM_NL__2PRFIN20100424_095429_000000432088_00466_42604_6052.N1	24-APR-2010 09:54:29	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42604	No
117	GOM_NL__2PRFIN20100424_095603_000000432088_00466_42604_6053.N1	24-APR-2010 09:56:03	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42604	No
118	GOM_NL__2PRFIN20100424_095815_000000472088_00466_42604_6054.N1	24-APR-2010 09:58:15	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42604	No
119	GOM_NL__2PRFIN20100424_100406_000000502088_00466_42604_6055.N1	24-APR-2010 10:04:06	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42604	No
120	GOM_NL__2PRFIN20100424_100607_000000412088_00466_42604_6056.N1	24-APR-2010 10:06:07	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42604	No
121	GOM_NL__2PRFIN20100424_101238_000000382088_00466_42604_6057.N1	24-APR-2010 10:12:38	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42604	No
122	GOM_NL__2PRFIN20100424_101521_000000422088_00466_42604_6058.N1	24-APR-2010 10:15:21	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42604	No
123	GOM_NL__2PRFIN20100424_102031_000000372088_00466_42604_6059.N1	24-APR-2010 10:20:31	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42604	No
124	GOM_NL__2PRFIN20100424_102234_000000462088_00466_42604_6060.N1	24-APR-2010 10:22:34	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42604	No
125	GOM_NL__2PRFIN20100424_102423_000000412088_00466_42604_6061.N1	24-APR-2010 10:24:23	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42604	No
126	GOM_NL__2PRFIN20100424_103146_000000562088_00466_42604_6062.N1	24-APR-2010 10:31:46	Bright	56.000	60	7Bet UMi	2.0810	3950.0	112	42604	No
127	GOM_NL__2PRFIN20100424_104159_000000402088_00466_42604_6063.N1	24-APR-2010 10:41:59	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42604	No
128	GOM_NL__2PRFIN20100424_105239_000000392088_00466_42604_6064.N1	24-APR-2010 10:52:39	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42604	No
129	GOM_NL__2PRFIN20100424_105651_000000412088_00466_42604_6065.N1	24-APR-2010 10:56:51	Tw_i_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	42604	No
130	GOM_NL__2PRFIN20100424_110028_000000602088_00466_42604_6066.N1	24-APR-2010 11:00:28	Dark	60.000	61	8Eps Peg	2.1000	3900.0	120	42604	No
131	GOM_NL__2PRFIN20100424_110256_000000512088_00466_42604_6067.N1	24-APR-2010 11:02:56	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	42604	No
132	GOM_NL__2PRFIN20100424_110605_000000552088_00466_42604_6068.N1	24-APR-2010 11:06:05	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42604	No
133	GOM_NL__2PRFIN20100424_111317_000000412088_00466_42604_6069.N1	24-APR-2010 11:13:17	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42604	No
134	GOM_NL__2PRFIN20100424_112022_000000392088_00467_42605_6058.N1	24-APR-2010 11:20:22	Dark	38.500	45	Alp Pav	1.9400	26000.	77	42605	No
135	GOM_NL__2PRFIN20100424_112919_000000592088_00467_42605_6059.N1	24-APR-2010 11:29:19	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42605	No
136	GOM_NL__2PRFIN20100424_113505_000000452088_00467_42605_6060.N1	24-APR-2010 11:35:05	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42605	No
137	GOM_NL__2PRFIN20100424_113639_000000452088_00467_42605_6061.N1	24-APR-2010 11:36:39	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42605	No
138	GOM_NL__2PRFIN20100424_113851_000000452088_00467_42605_6062.N1	24-APR-2010 11:38:51	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42605	No
139	GOM_NL__2PRFIN20100424_114441_000000492088_00467_42605_6063.N1	24-APR-2010 11:44:41	Bright	48.500	122	9Alp2Lib	2.7470	9700.0	97	42605	No
140	GOM_NL__2PRFIN20100424_114643_000000412088_00467_42605_6064.N1	24-APR-2010 11:46:43	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42605	No
141	GOM_NL__2PRFIN20100424_115314_000000372088_00467_42605_6065.N1	24-APR-2010 11:53:14	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42605	No
142	GOM_NL__2PRFIN20100424_115557_000000412088_00467_42605_6066.N1	24-APR-2010 11:55:57	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	42605	No
143	GOM_NL__2PRFIN20100424_120107_000000392088_00467_42605_6067.N1	24-APR-2010 12:01:07	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42605	No
144	GOM_NL__2PRFIN20100424_120309_000000462088_00467_42605_6068.N1	24-APR-2010 12:03:09	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	42605	No
145	GOM_NL__2PRFIN20100424_120459_000000412088_00467_42605_6069.N1	24-APR-2010 12:04:59	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42605	No
146	GOM_NL__2PRFIN20100424_121222_000000392088_00467_42605_6070.N1	24-APR-2010 12:12:22	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42605	No
147	GOM_NL__2PRFIN20100424_122235_000000382088_00467_42605_6071.N1	24-APR-2010 12:22:35	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42605	No
148	GOM_NL__2PRFIN20100424_123315_000000572088_00467_42605_6072.N1	24-APR-2010 12:33:15	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	42605	No
149	GOM_NL__2PRFIN20100424_123728_000000432088_00467_42605_6073.N1	24-APR-2010 12:37:28	Tw_i_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42605	No
150	GOM_NL__2PRFIN20100424_124105_000000552088_00467_42605_6074.N1	24-APR-2010 12:41:05	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	42605	No
151	GOM_NL__2PRFIN20100424_124333_000000472088_00467_42605_6075.N1	24-APR-2010 12:43:33	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42605	No
152	GOM_NL__2PRFIN20100424_124642_000000512088_00467_42605_6076.N1	24-APR-2010 12:46:42	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42605	No
153	GOM_NL__2PRFIN20100424_125354_000000402088_00467_42605_6077.N1	24-APR-2010 12:53:54	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42605	No
154	GOM_NL__2PRFIN20100424_130059_000000432088_00468_42606_6066.N1	24-APR-2010 13:00:59	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42606	No
155	GOM_NL__2PRFIN20100424_130832_000000442088_00468_42606_6067.N1	24-APR-2010 13:08:32	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	42606	No
156	GOM_NL__2PRFIN20100424_130955_000000512088_00468_42606_6068.N1	24-APR-2010 13:09:55	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42606	No
157	GOM_NL__2PRFIN20100424_131542_000000402088_00468_42606_6069.N1	24-APR-2010 13:15:42	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42606	No
158	GOM_NL__2PRFIN20100424_131715_000000452088_00468_42606_6070.N1	24-APR-2010 13:17:15	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42606	No
159	GOM_NL__2PRFIN20100424_131927_000000462088_00468_42606_6071.N1	24-APR-2010 13:19:27	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42606	No
160	GOM_NL__2PRFIN20100424_132517_000000502088_00468_42606_6072.N1	24-APR-2010 13:25:17	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42606	No



161	GOM_NL__2PRFIN20100424_132719_000000422088_00468_42606_6073.N1	24-APR-2010 13:27:19	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42606	No
162	GOM_NL__2PRFIN20100424_133350_000000362088_00468_42606_6074.N1	24-APR-2010 13:33:50	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	42606	No
163	GOM_NL__2PRFIN20100424_133633_000000412088_00468_42606_6075.N1	24-APR-2010 13:36:33	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	42606	No
164	GOM_NL__2PRFIN20100424_134143_000000362088_00468_42606_6076.N1	24-APR-2010 13:41:43	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	42606	No
165	GOM_NL__2PRFIN20100424_134345_000000442088_00468_42606_6077.N1	24-APR-2010 13:43:45	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	42606	No
166	GOM_NL__2PRFIN20100424_134535_000000402088_00468_42606_6078.N1	24-APR-2010 13:45:35	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42606	No
167	GOM_NL__2PRFIN20100424_135257_000000372088_00468_42606_6079.N1	24-APR-2010 13:52:57	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42606	No
168	GOM_NL__2PRFIN20100424_140311_000000402088_00468_42606_6080.N1	24-APR-2010 14:03:11	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42606	No
169	GOM_NL__2PRFIN20100424_141351_000000412088_00468_42606_6081.N1	24-APR-2010 14:13:51	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	42606	No
170	GOM_NL__2PRFIN20100424_141804_000000422088_00468_42606_6082.N1	24-APR-2010 14:18:04	Tw_i_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	42606	No
171	GOM_NL__2PRFIN20100424_142142_000000572088_00468_42606_6083.N1	24-APR-2010 14:21:42	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	42606	No
172	GOM_NL__2PRFIN20100424_142409_000000492088_00468_42606_6084.N1	24-APR-2010 14:24:09	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42606	No
173	GOM_NL__2PRFIN20100424_142718_000000572088_00468_42606_6085.N1	24-APR-2010 14:27:18	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	42606	No
174	GOM_NL__2PRFIN20100424_143430_000000402088_00468_42606_6086.N1	24-APR-2010 14:34:30	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42606	No
175	GOM_NL__2PRFIN20100424_144135_000000432088_00469_42607_6074.N1	24-APR-2010 14:41:35	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42607	No
176	GOM_NL__2PRFIN20100424_144908_000000432088_00469_42607_6075.N1	24-APR-2010 14:49:08	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	42607	No
177	GOM_NL__2PRFIN20100424_145033_000000592088_00469_42607_6076.N1	24-APR-2010 14:50:33	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42607	No
178	GOM_NL__2PRFIN20100424_145618_000000392088_00469_42607_6077.N1	24-APR-2010 14:56:18	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	42607	No
179	GOM_NL__2PRFIN20100424_145752_000000432088_00469_42607_6078.N1	24-APR-2010 14:57:52	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42607	No
180	GOM_NL__2PRFIN20100424_150004_000000442088_00469_42607_6079.N1	24-APR-2010 15:00:04	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	42607	No
181	GOM_NL__2PRFIN20100424_150554_000000502088_00469_42607_6080.N1	24-APR-2010 15:05:54	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42607	No
182	GOM_NL__2PRFIN20100424_150755_000000422088_00469_42607_6081.N1	24-APR-2010 15:07:55	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42607	No
183	GOM_NL__2PRFIN20100424_151426_000000372088_00469_42607_6082.N1	24-APR-2010 15:14:26	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42607	No
184	GOM_NL__2PRFIN20100424_151708_000000412088_00469_42607_6083.N1	24-APR-2010 15:17:08	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	42607	No
185	GOM_NL__2PRFIN20100424_152219_000000372088_00469_42607_6084.N1	24-APR-2010 15:22:19	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42607	No
186	GOM_NL__2PRFIN20100424_152420_000000432088_00469_42607_6085.N1	24-APR-2010 15:24:20	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42607	No
187	GOM_NL__2PRFIN20100424_152610_000000382088_00469_42607_6086.N1	24-APR-2010 15:26:10	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	42607	No
188	GOM_NL__2PRFIN20100424_153333_000000362088_00469_42607_6087.N1	24-APR-2010 15:33:33	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	42607	No
189	GOM_NL__2PRFIN20100424_154347_000000402088_00469_42607_6088.N1	24-APR-2010 15:43:47	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42607	No
190	GOM_NL__2PRFIN20100424_155427_000000572088_00469_42607_6089.N1	24-APR-2010 15:54:27	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	42607	No
191	GOM_NL__2PRFIN20100424_155840_000000442088_00469_42607_6090.N1	24-APR-2010 15:58:40	Tw_i_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42607	No
192	GOM_NL__2PRFIN20100424_160218_000000572088_00469_42607_6091.N1	24-APR-2010 16:02:18	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	42607	No
193	GOM_NL__2PRFIN20100424_160446_000000492088_00469_42607_6092.N1	24-APR-2010 16:04:46	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42607	No
194	GOM_NL__2PRFIN20100424_160755_000000542088_00469_42607_6093.N1	24-APR-2010 16:07:55	Dark	53.500	154	22Bet Aqr	2.8990	5700.0	107	42607	No
195	GOM_NL__2PRFIN20100424_161507_000000412088_00469_42607_6094.N1	24-APR-2010 16:15:07	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42607	No
196	GOM_NL__2PRFIN20100424_162212_000000402088_00470_42608_6082.N1	24-APR-2010 16:22:12	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42608	No
197	GOM_NL__2PRFIN20100424_162945_000000482088_00470_42608_6083.N1	24-APR-2010 16:29:45	Straylight	47.500	141	Bet Ara	2.8400	4600.0	95	42608	No
198	GOM_NL__2PRFIN20100424_163109_000000562088_00470_42608_6084.N1	24-APR-2010 16:31:09	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42608	No
199	GOM_NL__2PRFIN20100424_163654_000000432088_00470_42608_6085.N1	24-APR-2010 16:36:54	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42608	No
200	GOM_NL__2PRFIN20100424_163828_000000432088_00470_42608_6086.N1	24-APR-2010 16:38:28	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42608	No
201	GOM_NL__2PRFIN20100424_164040_000000442088_00470_42608_6087.N1	24-APR-2010 16:40:40	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	42608	No
202	GOM_NL__2PRFIN20100424_164630_000000512088_00470_42608_6088.N1	24-APR-2010 16:46:30	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42608	No
203	GOM_NL__2PRFIN20100424_164831_000000422088_00470_42608_6089.N1	24-APR-2010 16:48:31	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42608	No
204	GOM_NL__2PRFIN20100424_165502_000000372088_00470_42608_6090.N1	24-APR-2010 16:55:02	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42608	No
205	GOM_NL__2PRFIN20100424_165744_000000412088_00470_42608_6091.N1	24-APR-2010 16:57:44	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	42608	No
206	GOM_NL__2PRFIN20100424_170254_000000372088_00470_42608_6092.N1	24-APR-2010 17:02:54	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42608	No
207	GOM_NL__2PRFIN20100424_170455_000000452088_00470_42608_6093.N1	24-APR-2010 17:04:55	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	42608	No
208	GOM_NL__2PRFIN20100424_170646_000000422088_00470_42608_6094.N1	24-APR-2010 17:06:46	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42608	No
209	GOM_NL__2PRFIN20100424_171409_000000402088_00470_42608_6095.N1	24-APR-2010 17:14:09	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42608	No
210	GOM_NL__2PRFIN20100424_172423_000000432088_00470_42608_6096.N1	24-APR-2010 17:24:23	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42608	No
211	GOM_NL__2PRFIN20100424_173503_000000572088_00470_42608_6097.N1	24-APR-2010 17:35:03	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	42608	No
212	GOM_NL__2PRFIN20100424_173916_000000432088_00470_42608_6098.N1	24-APR-2010 17:39:16	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42608	No
213	GOM_NL__2PRFIN20100424_174255_000000592088_00470_42608_6099.N1	24-APR-2010 17:42:55	Dark	58.500	61	8Eps Peg	2.1000	3900.0	117	42608	No
214	GOM_NL__2PRFIN20100424_174522_000000492088_00470_42608_6100.N1	24-APR-2010 17:45:22	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42608	No
215	GOM_NL__2PRFIN20100424_174832_000000542088_00470_42608_6101.N1	24-APR-2010 17:48:32	Dark	53.500	154	22Bet Aqr	2.8990	5700.0	107	42608	No
216	GOM_NL__2PRFIN20100424_175544_000000392088_00470_42608_6102.N1	24-APR-2010 17:55:44	Dark	39.000	172	Gam Gru	3.0030	13100.	78	42608	No
217	GOM_NL__2PRFIN20100424_180248_000000392088_00471_42609_6090.N1	24-APR-2010 18:02:48	Dark	38.500	45	Alp Pav	1.9400	26000.	77	42609	No
218	GOM_NL__2PRFIN20100424_181021_000000432088_00471_42609_6091.N1	24-APR-2010 18:10:21	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	42609	No
219	GOM_NL__2PRFIN20100424_181146_000000632088_00471_42609_6092.N1	24-APR-2010 18:11:46	Straylight	62.500	40	The Sco	1.8590	7100.0	125	42609	No

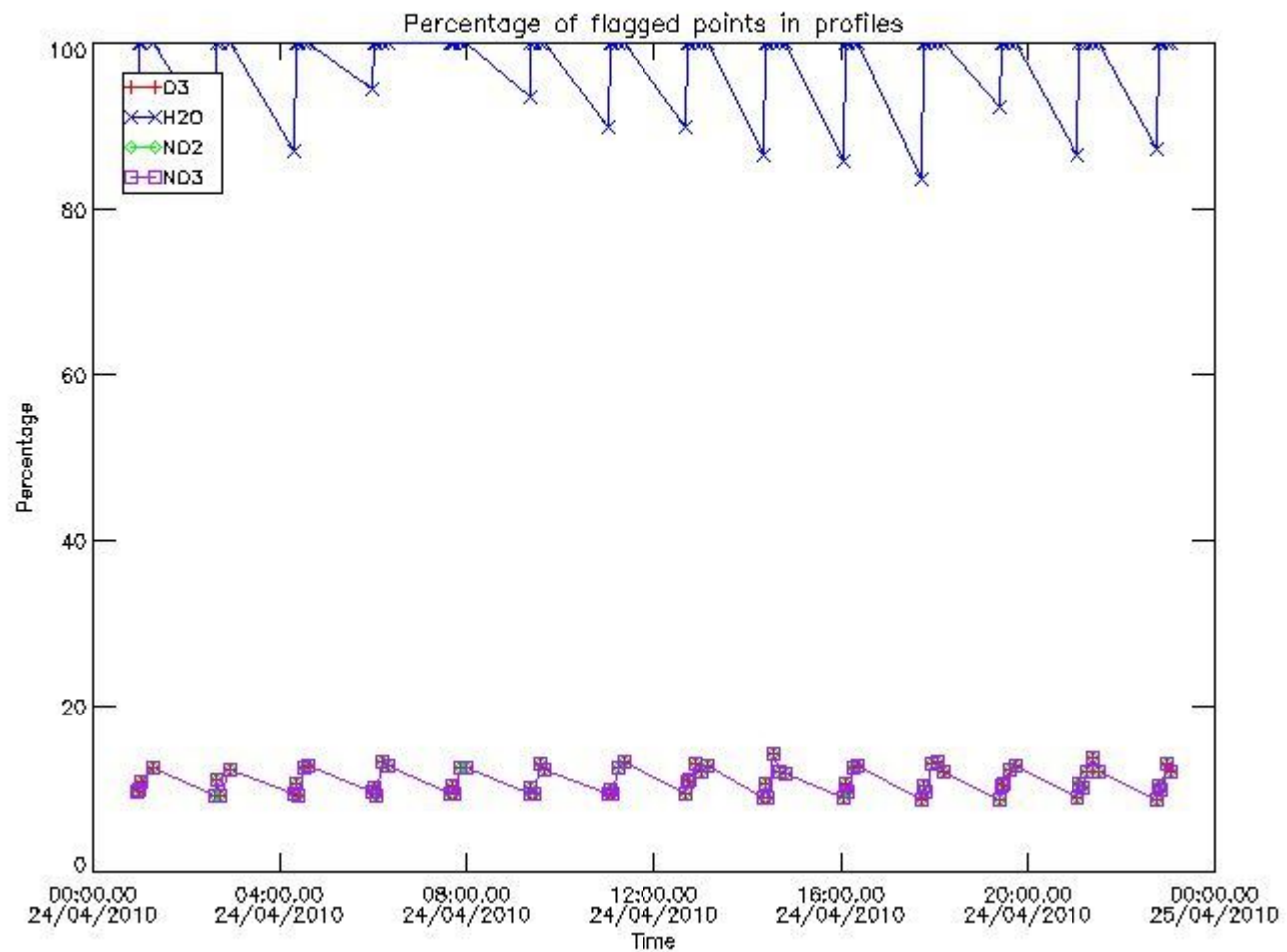
220	GOM_NL__2PRFIN20100424_181731_000000402088_00471_42609_6093.N1	24-APR-2010 18:17:31	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42609	No
221	GOM_NL__2PRFIN20100424_181905_000000412088_00471_42609_6094.N1	24-APR-2010 18:19:05	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	42609	No
222	GOM_NL__2PRFIN20100424_182116_000000432088_00471_42609_6095.N1	24-APR-2010 18:21:16	Straylight	42.500	54	5The Cen	2.0550	4500.0	85	42609	No
223	GOM_NL__2PRFIN20100424_182706_000000482088_00471_42609_6096.N1	24-APR-2010 18:27:06	Bright	47.500	122	9Alp2Lib	2.7470	9700.0	95	42609	No
224	GOM_NL__2PRFIN20100424_182907_000000422088_00471_42609_6097.N1	24-APR-2010 18:29:07	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42609	No
225	GOM_NL__2PRFIN20100424_183538_000000372088_00471_42609_6098.N1	24-APR-2010 18:35:38	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42609	No
226	GOM_NL__2PRFIN20100424_183819_000000432088_00471_42609_6099.N1	24-APR-2010 18:38:19	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	42609	No
227	GOM_NL__2PRFIN20100424_184330_000000382088_00471_42609_6100.N1	24-APR-2010 18:43:30	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42609	No
228	GOM_NL__2PRFIN20100424_184531_000000432088_00471_42609_6101.N1	24-APR-2010 18:45:31	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42609	No
229	GOM_NL__2PRFIN20100424_184721_000000412088_00471_42609_6102.N1	24-APR-2010 18:47:21	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42609	No
230	GOM_NL__2PRFIN20100424_185444_000000392088_00471_42609_6103.N1	24-APR-2010 18:54:44	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42609	No
231	GOM_NL__2PRFIN20100424_190458_000000392088_00471_42609_6104.N1	24-APR-2010 19:04:58	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42609	No
232	GOM_NL__2PRFIN20100424_191539_000000422088_00471_42609_6105.N1	24-APR-2010 19:15:39	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	42609	No
233	GOM_NL__2PRFIN20100424_191952_000000442088_00471_42609_6106.N1	24-APR-2010 19:19:52	Tw_i_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42609	No
234	GOM_NL__2PRFIN20100424_192331_000000592088_00471_42609_6107.N1	24-APR-2010 19:23:31	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	42609	No
235	GOM_NL__2PRFIN20100424_192559_000000492088_00471_42609_6108.N1	24-APR-2010 19:25:59	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42609	No
236	GOM_NL__2PRFIN20100424_192909_000000532088_00471_42609_6109.N1	24-APR-2010 19:29:09	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	42609	No
237	GOM_NL__2PRFIN20100424_193620_000000422088_00471_42609_6110.N1	24-APR-2010 19:36:20	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42609	No
238	GOM_NL__2PRFIN20100424_194325_000000402088_00472_42610_6098.N1	24-APR-2010 19:43:25	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42610	No
239	GOM_NL__2PRFIN20100424_195058_000000482088_00472_42610_6099.N1	24-APR-2010 19:50:58	Straylight	47.500	141	Bet Ara	2.8400	4600.0	95	42610	No
240	GOM_NL__2PRFIN20100424_195224_000000572088_00472_42610_6100.N1	24-APR-2010 19:52:24	Straylight	56.500	40	The Sco	1.8590	7100.0	113	42610	No
241	GOM_NL__2PRFIN20100424_195807_000000432088_00472_42610_6101.N1	24-APR-2010 19:58:07	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42610	No
242	GOM_NL__2PRFIN20100424_195941_000000442088_00472_42610_6102.N1	24-APR-2010 19:59:41	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42610	No
243	GOM_NL__2PRFIN20100424_200152_000000462088_00472_42610_6103.N1	24-APR-2010 20:01:52	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42610	No
244	GOM_NL__2PRFIN20100424_200742_000000512088_00472_42610_6104.N1	24-APR-2010 20:07:42	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42610	No
245	GOM_NL__2PRFIN20100424_200943_000000412088_00472_42610_6105.N1	24-APR-2010 20:09:43	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42610	No
246	GOM_NL__2PRFIN20100424_201614_000000372088_00472_42610_6106.N1	24-APR-2010 20:16:14	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42610	No
247	GOM_NL__2PRFIN20100424_201855_000000412088_00472_42610_6107.N1	24-APR-2010 20:18:55	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	42610	No
248	GOM_NL__2PRFIN20100424_202406_000000542088_00472_42610_6108.N1	24-APR-2010 20:24:06	Bright	54.000	152	12Alp2CVn	2.8900	11000.	108	42610	No
249	GOM_NL__2PRFIN20100424_202606_000000442088_00472_42610_6109.N1	24-APR-2010 20:26:06	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	42610	No
250	GOM_NL__2PRFIN20100424_202757_000000382088_00472_42610_6110.N1	24-APR-2010 20:27:57	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	42610	No
251	GOM_NL__2PRFIN20100424_203520_000000422088_00472_42610_6111.N1	24-APR-2010 20:35:20	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42610	No
252	GOM_NL__2PRFIN20100424_204534_000000402088_00472_42610_6112.N1	24-APR-2010 20:45:34	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42610	No
253	GOM_NL__2PRFIN20100424_205615_000000392088_00472_42610_6113.N1	24-APR-2010 20:56:15	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42610	No
254	GOM_NL__2PRFIN20100424_210028_000000432088_00472_42610_6114.N1	24-APR-2010 21:00:28	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42610	No
255	GOM_NL__2PRFIN20100424_210408_000000572088_00472_42610_6115.N1	24-APR-2010 21:04:08	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	42610	No
256	GOM_NL__2PRFIN20100424_210635_000000492088_00472_42610_6116.N1	24-APR-2010 21:06:35	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42610	No
257	GOM_NL__2PRFIN20100424_210946_000000562088_00472_42610_6117.N1	24-APR-2010 21:09:46	Dark	55.500	154	22Bet Aqr	2.8990	5700.0	111	42610	No
258	GOM_NL__2PRFIN20100424_211656_000000422088_00472_42610_6118.N1	24-APR-2010 21:16:56	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42610	No
259	GOM_NL__2PRFIN20100424_212401_000000412088_00473_42611_6106.N1	24-APR-2010 21:24:01	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42611	No
260	GOM_NL__2PRFIN20100424_213134_000000422088_00473_42611_6107.N1	24-APR-2010 21:31:34	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	42611	No
261	GOM_NL__2PRFIN20100424_213300_000000562088_00473_42611_6108.N1	24-APR-2010 21:33:00	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42611	No
262	GOM_NL__2PRFIN20100424_213843_000000422088_00473_42611_6109.N1	24-APR-2010 21:38:43	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42611	No
263	GOM_NL__2PRFIN20100424_214017_000000432088_00473_42611_6110.N1	24-APR-2010 21:40:17	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42611	No
264	GOM_NL__2PRFIN20100424_214228_000000452088_00473_42611_6111.N1	24-APR-2010 21:42:28	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	42611	No
265	GOM_NL__2PRFIN20100424_214818_000000502088_00473_42611_6112.N1	24-APR-2010 21:48:18	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42611	No
266	GOM_NL__2PRFIN20100424_215019_000000422088_00473_42611_6113.N1	24-APR-2010 21:50:19	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42611	No
267	GOM_NL__2PRFIN20100424_215650_000000372088_00473_42611_6114.N1	24-APR-2010 21:56:50	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42611	No
268	GOM_NL__2PRFIN20100424_215931_000000412088_00473_42611_6115.N1	24-APR-2010 21:59:31	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	42611	No
269	GOM_NL__2PRFIN20100424_220442_000000372088_00473_42611_6116.N1	24-APR-2010 22:04:42	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42611	No
270	GOM_NL__2PRFIN20100424_220641_000000432088_00473_42611_6117.N1	24-APR-2010 22:06:41	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	42611	No
271	GOM_NL__2PRFIN20100424_220832_000000402088_00473_42611_6118.N1	24-APR-2010 22:08:32	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42611	No
272	GOM_NL__2PRFIN20100424_221556_000000382088_00473_42611_6119.N1	24-APR-2010 22:15:56	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	42611	No
273	GOM_NL__2PRFIN20100424_222609_000000422088_00473_42611_6120.N1	24-APR-2010 22:26:09	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42611	No
274	GOM_NL__2PRFIN20100424_223651_000000422088_00473_42611_6121.N1	24-APR-2010 22:36:51	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	42611	No
275	GOM_NL__2PRFIN20100424_224105_000000432088_00473_42611_6122.N1	24-APR-2010 22:41:05	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42611	No
276	GOM_NL__2PRFIN20100424_224445_000000602088_00473_42611_6123.N1	24-APR-2010 22:44:45	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	42611	No
277	GOM_NL__2PRFIN20100424_224712_000000492088_00473_42611_6124.N1	24-APR-2010 22:47:12	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42611	No
278	GOM_NL__2PRFIN20100424_225023_000000512088_00473_42611_6125.N1	24-APR-2010 22:50:23	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	42611	No

279	GOM_NL__2PRFIN20100424_225733_000000402088_00473_42611_6126.N1	24-APR-2010 22:57:33	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42611	No
280	GOM_NL__2PRFIN20100424_230438_000000422088_00474_42612_6134.N1	24-APR-2010 23:04:38	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42612	No
281	GOM_NL__2PRFIN20100424_231211_000000432088_00474_42612_6135.N1	24-APR-2010 23:12:11	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	42612	No
282	GOM_NL__2PRFIN20100424_231337_000000522088_00474_42612_6136.N1	24-APR-2010 23:13:37	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42612	No
283	GOM_NL__2PRFIN20100424_231919_000000422088_00474_42612_6137.N1	24-APR-2010 23:19:19	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42612	No
284	GOM_NL__2PRFIN20100424_232053_000000432088_00474_42612_6138.N1	24-APR-2010 23:20:53	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42612	No
285	GOM_NL__2PRFIN20100424_232305_000000472088_00474_42612_6139.N1	24-APR-2010 23:23:05	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42612	No
286	GOM_NL__2PRFIN20100424_232854_000000502088_00474_42612_6140.N1	24-APR-2010 23:28:54	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42612	No
287	GOM_NL__2PRFIN20100424_233055_000000432088_00474_42612_6141.N1	24-APR-2010 23:30:55	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42612	No
288	GOM_NL__2PRFIN20100424_233726_000000372088_00474_42612_6142.N1	24-APR-2010 23:37:26	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42612	No
289	GOM_NL__2PRFIN20100424_234006_000000422088_00474_42612_6143.N1	24-APR-2010 23:40:06	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42612	No
290	GOM_NL__2PRFIN20100424_234517_000000372088_00474_42612_6144.N1	24-APR-2010 23:45:17	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42612	No
291	GOM_NL__2PRFIN20100424_234717_000000452088_00474_42612_6145.N1	24-APR-2010 23:47:17	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42612	No
292	GOM_NL__2PRFIN20100424_234908_000000392088_00474_42612_6146.N1	24-APR-2010 23:49:08	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42612	No
293	GOM_NL__2PRFIN20100424_235632_000000392088_00474_42612_6147.N1	24-APR-2010 23:56:32	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42612	No

### 3. Quality information per product

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

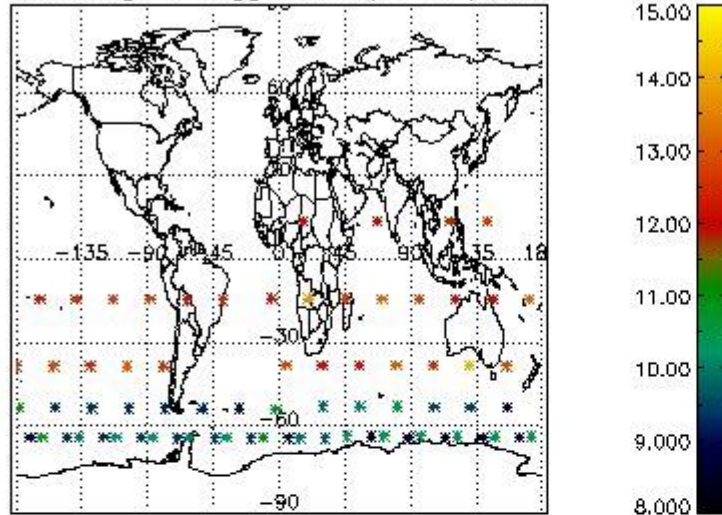
#### 3.1 Plot quality information per product (time dependant)



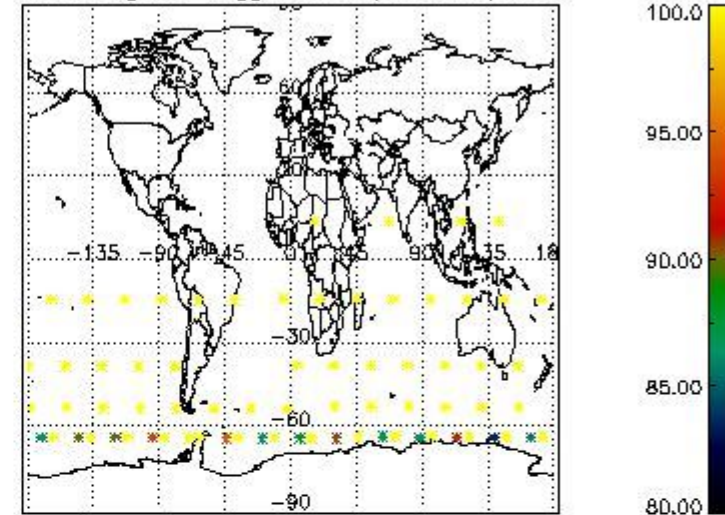


### 3.2 Plot quality information per product (world map)

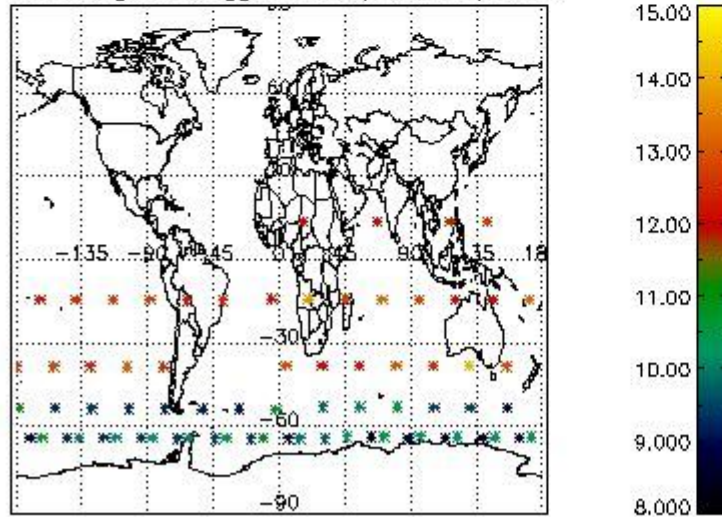
Percentage of flagged data per O3 profile



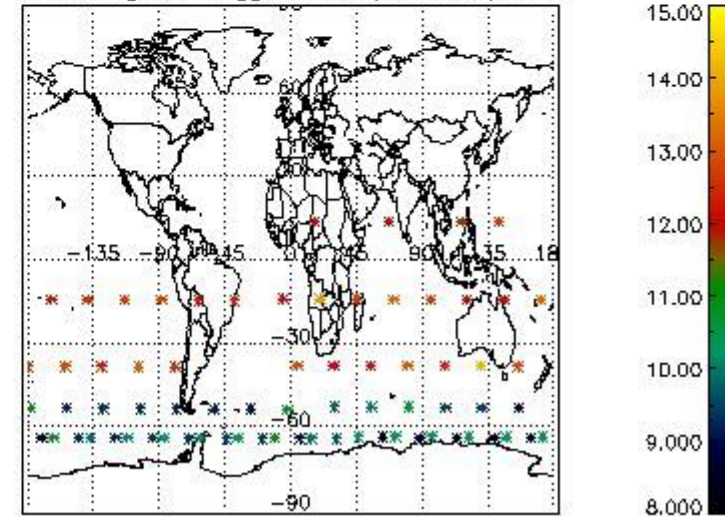
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



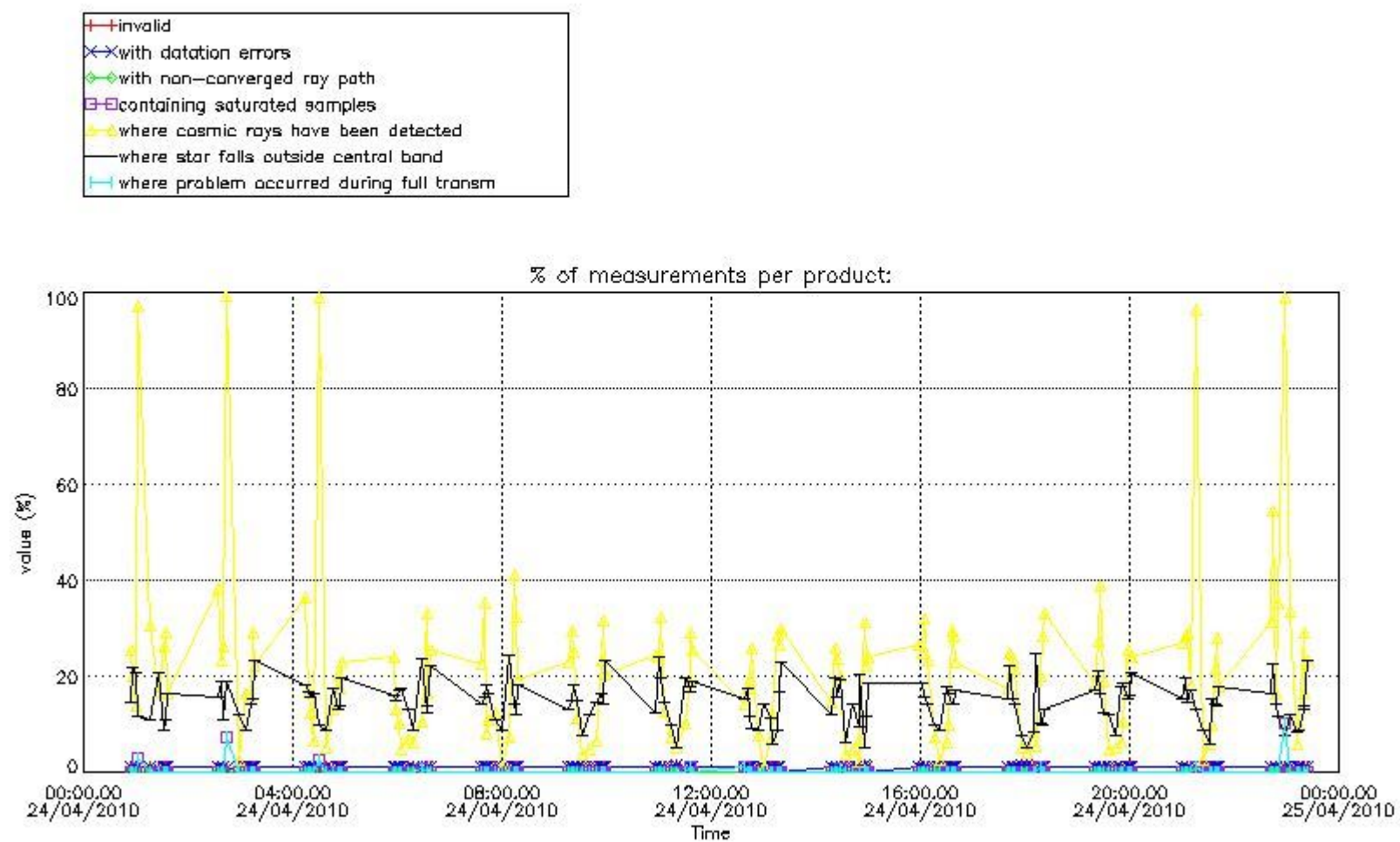
### 4. Level 1 quality information per product

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

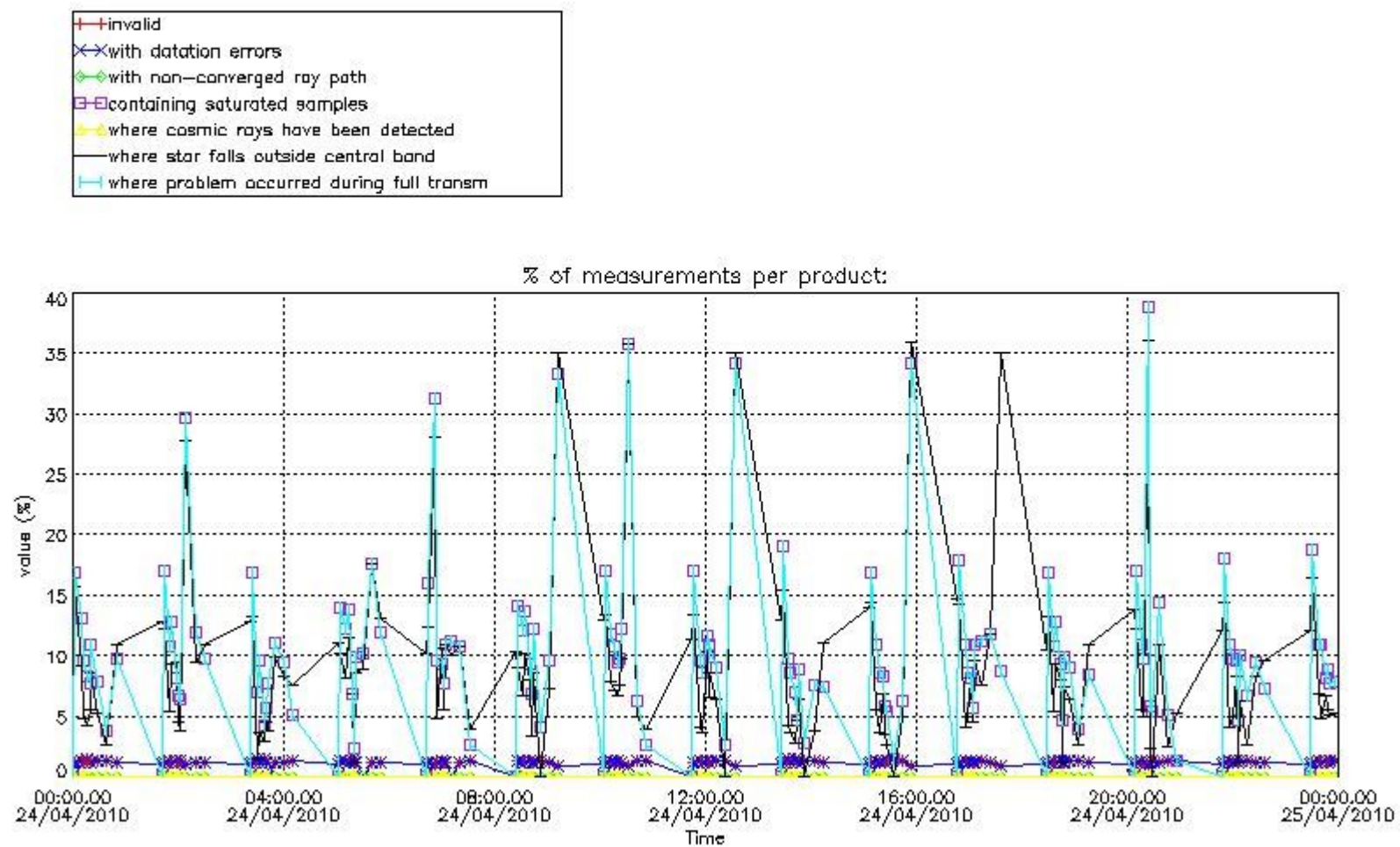
#### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





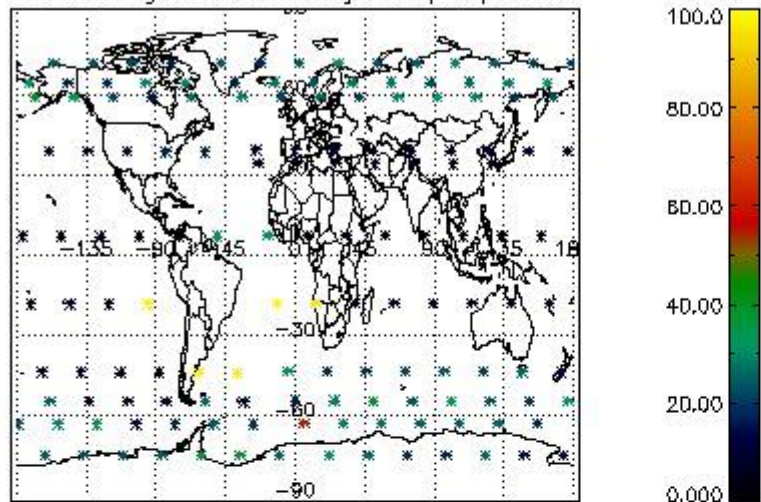
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



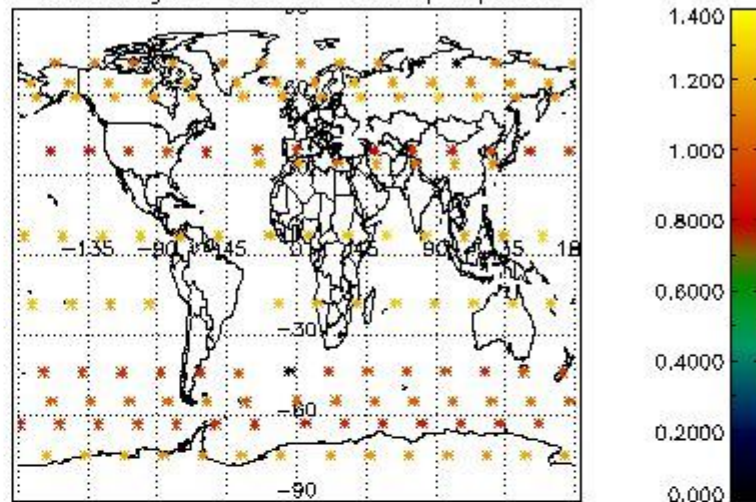
4.2 Plot quality information per product coming from level 1b processing (world map)

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

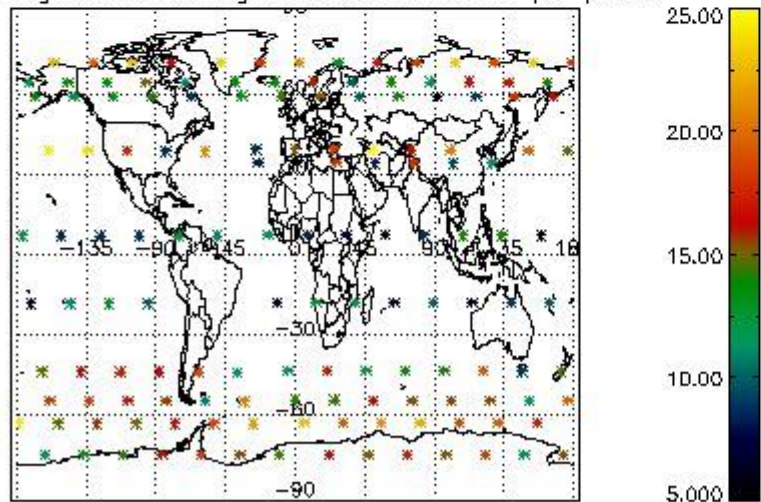
Percentage of cosmic ray hits per profile



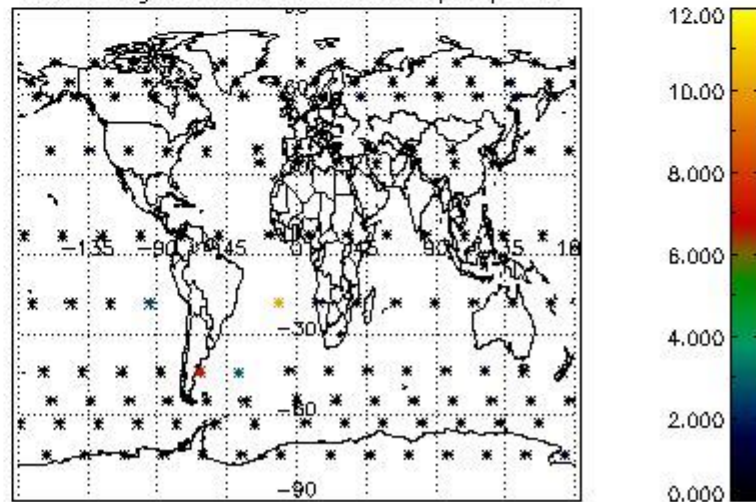
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

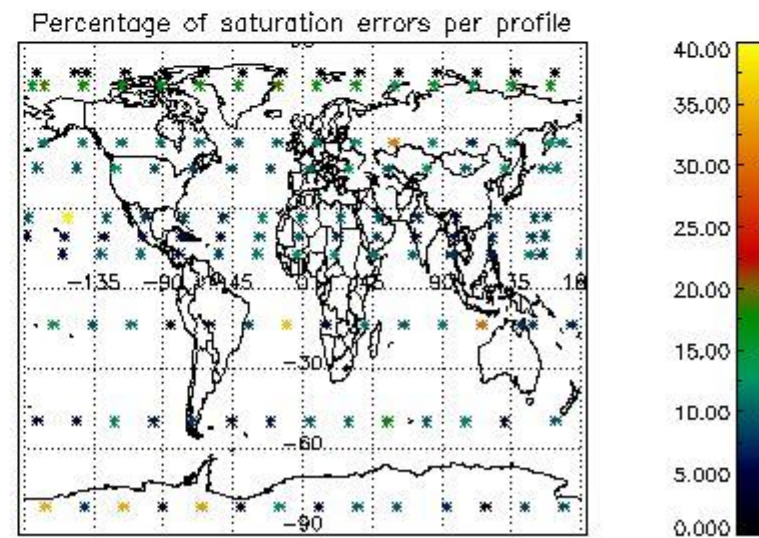
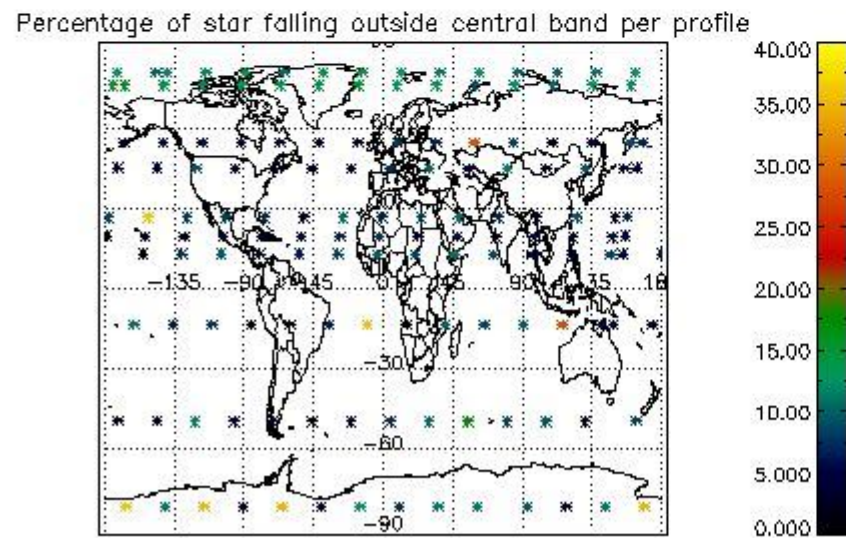
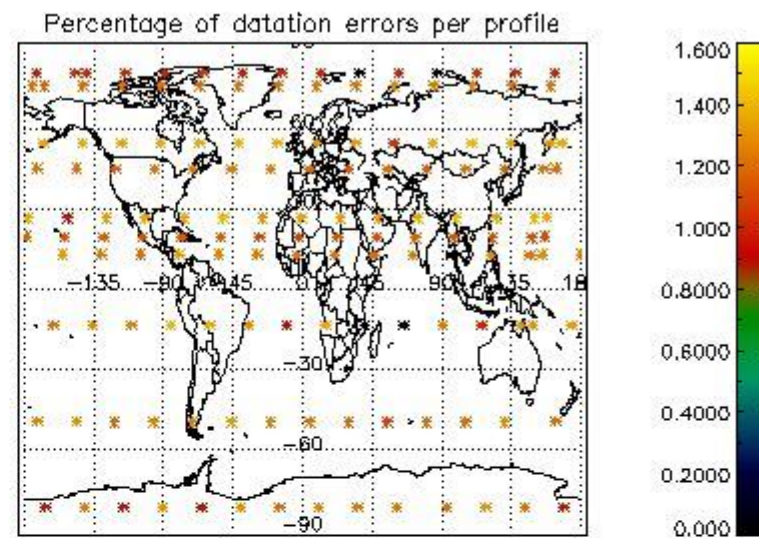
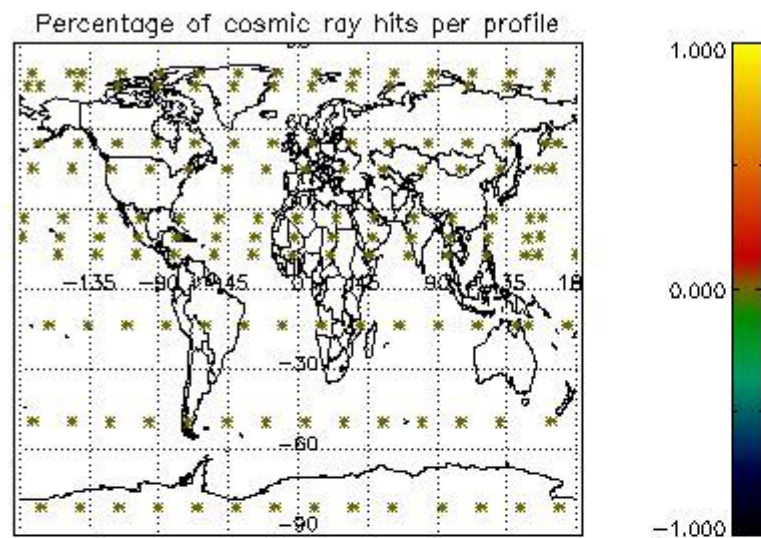


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

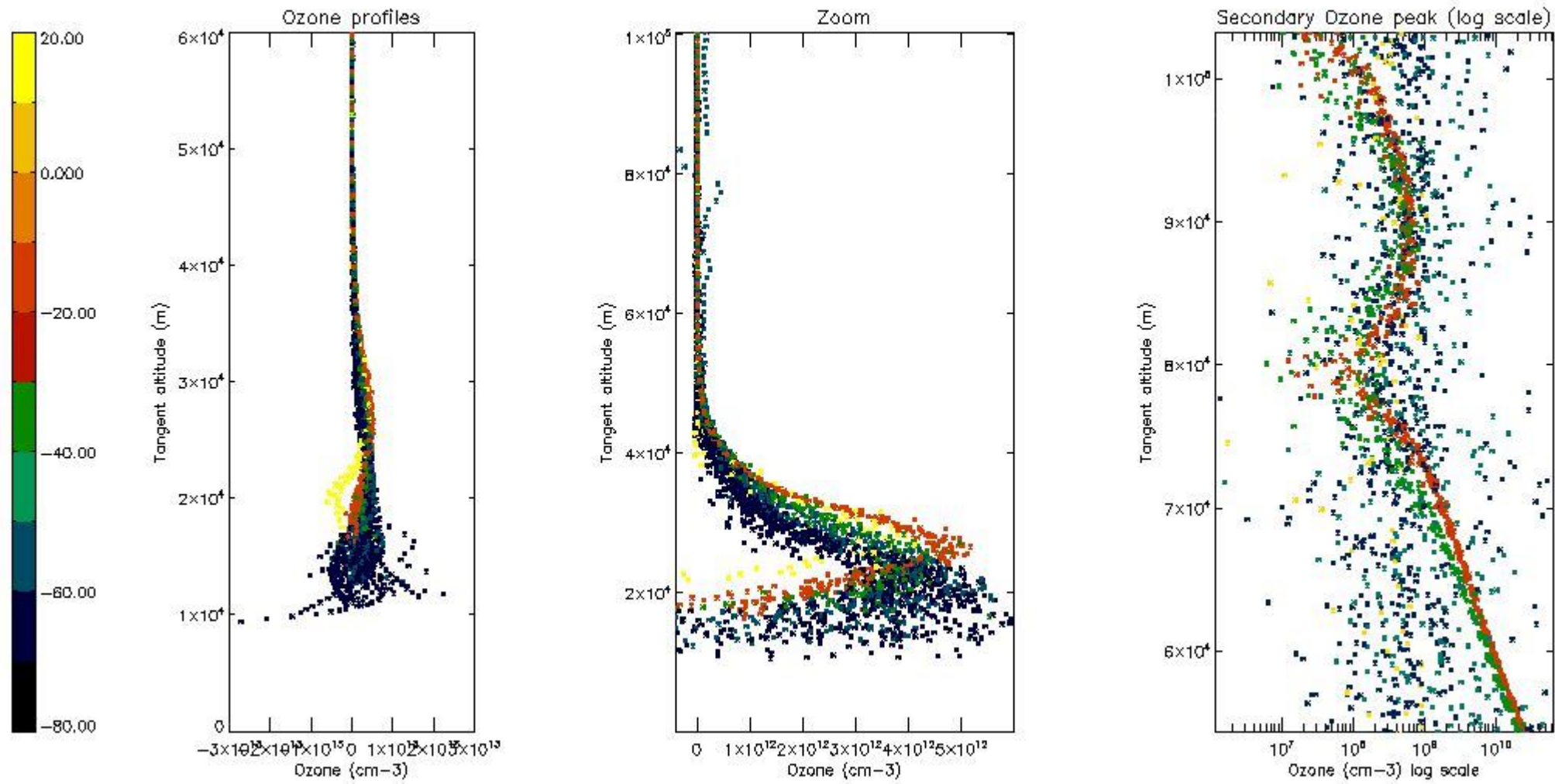
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	9

STD < 10	5
STD < 5	2

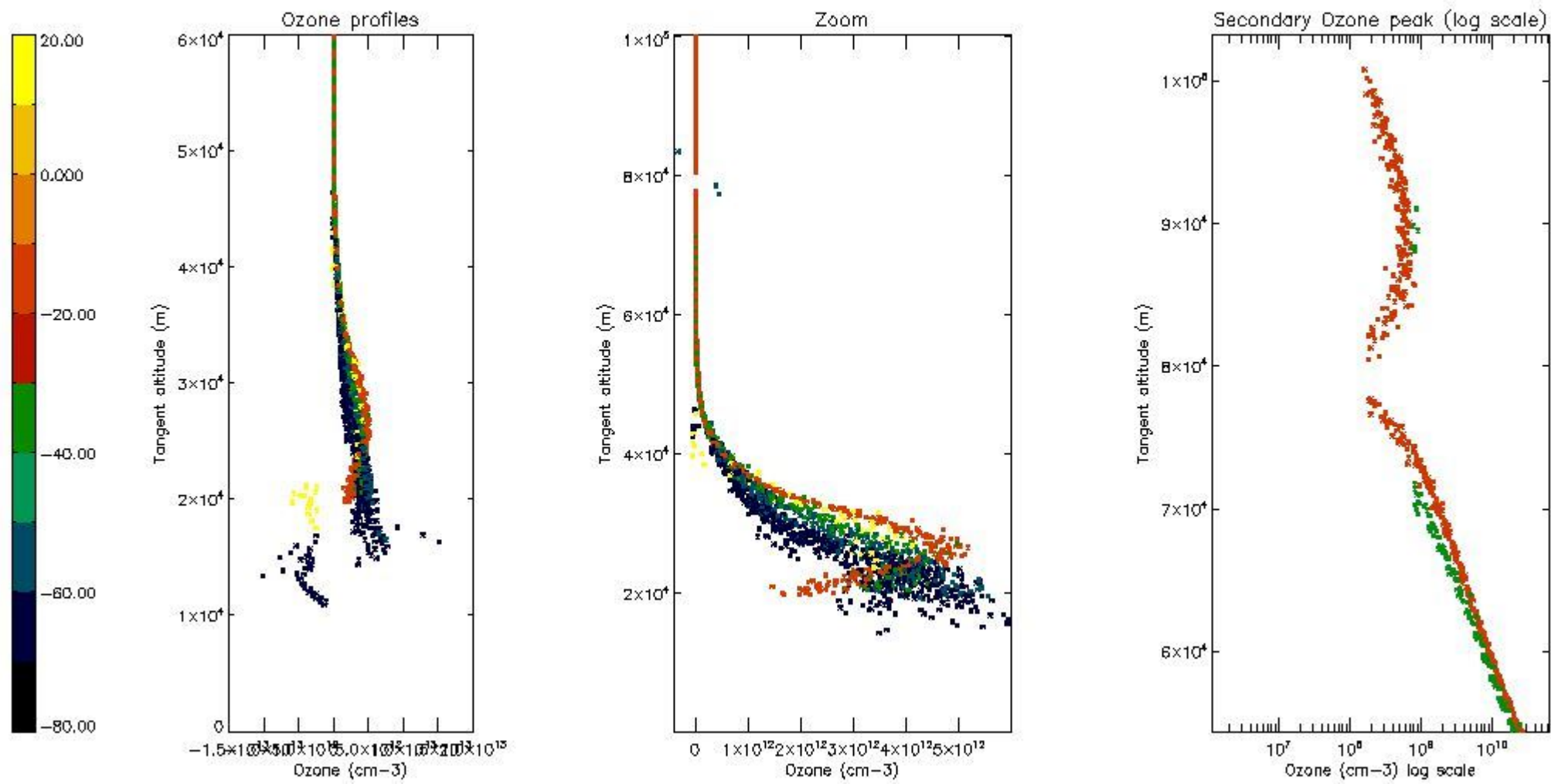
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

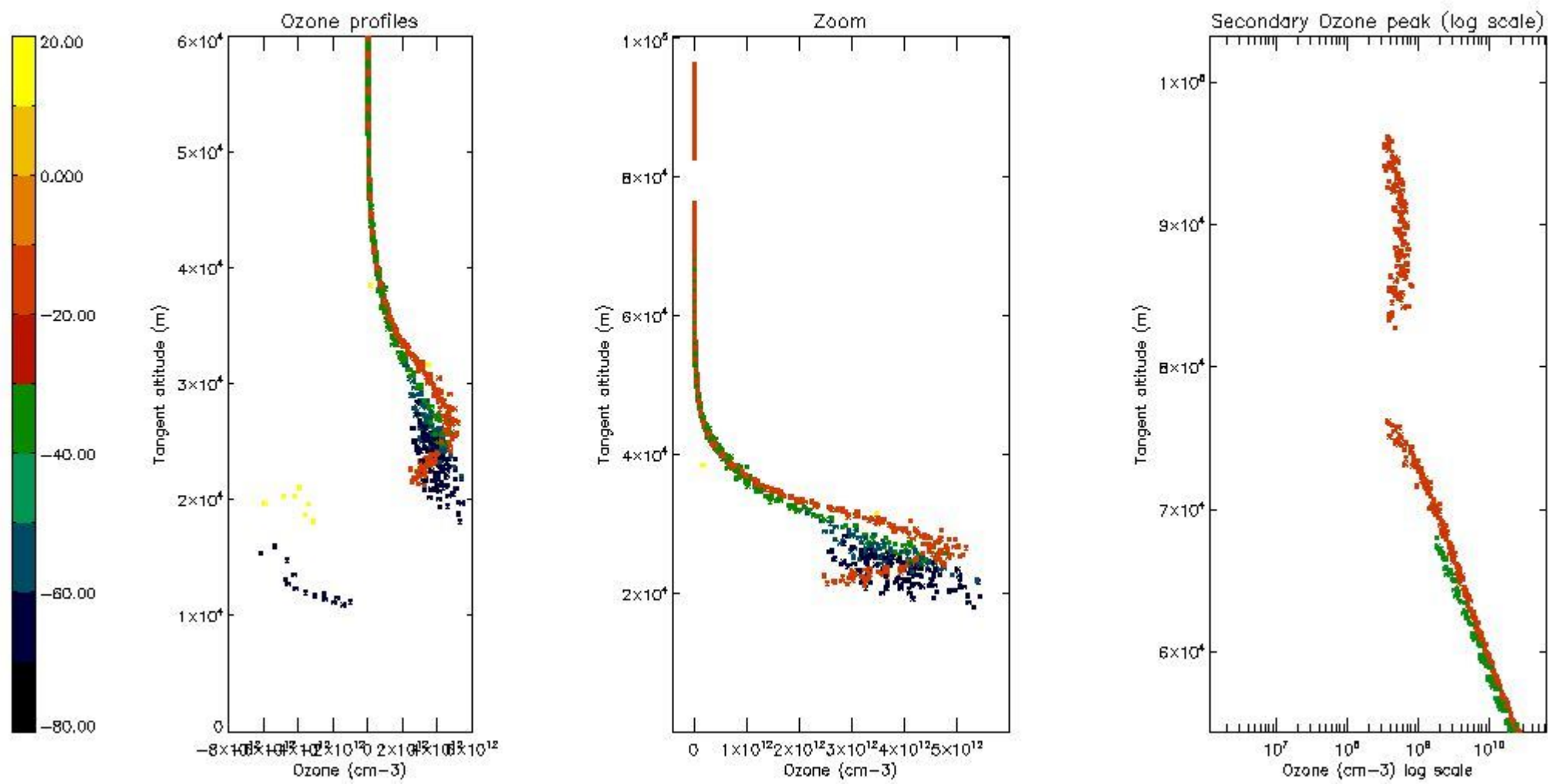
The colorbar represents the latitude.



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

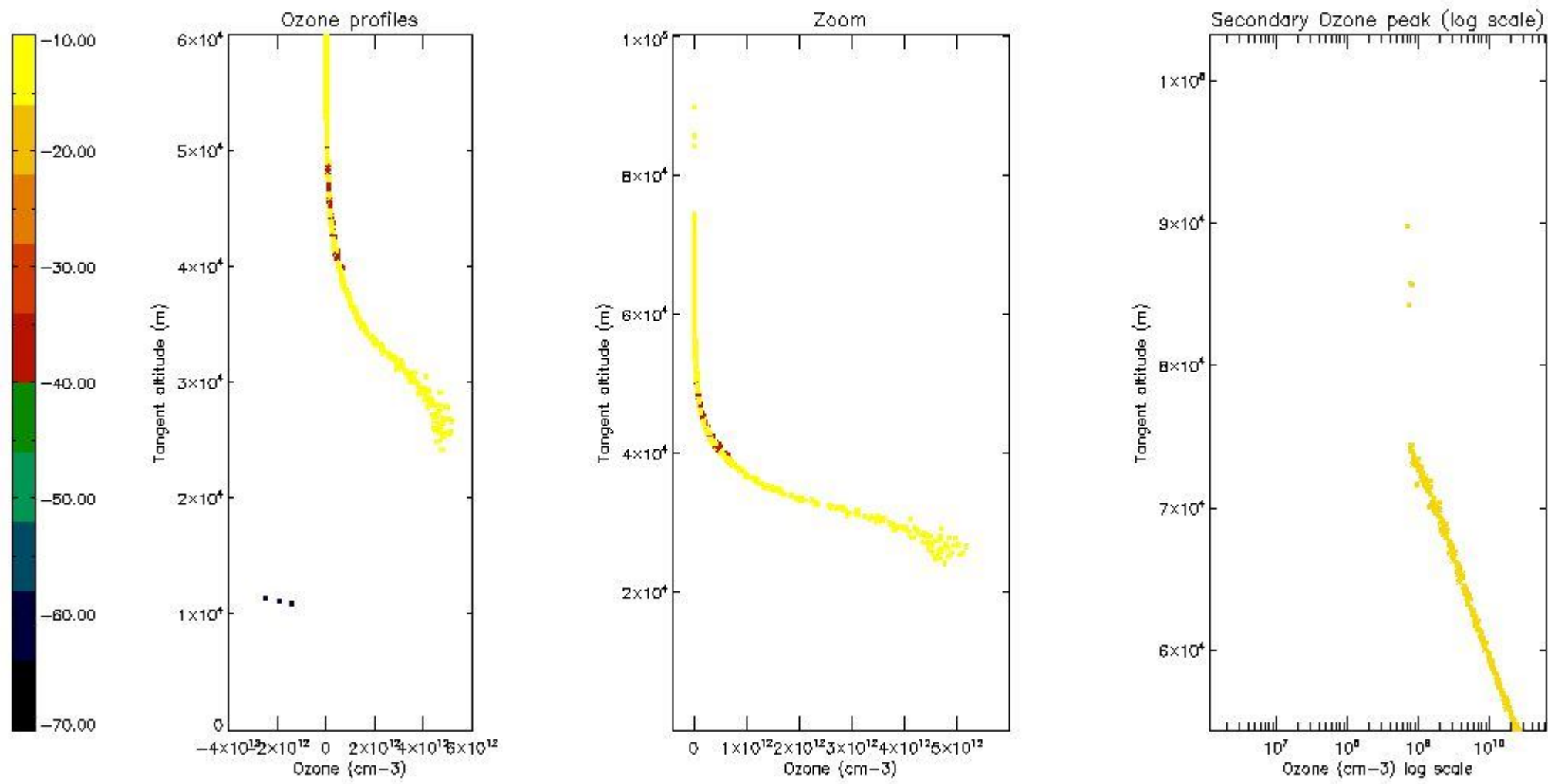
The colorbar represents the latitude.





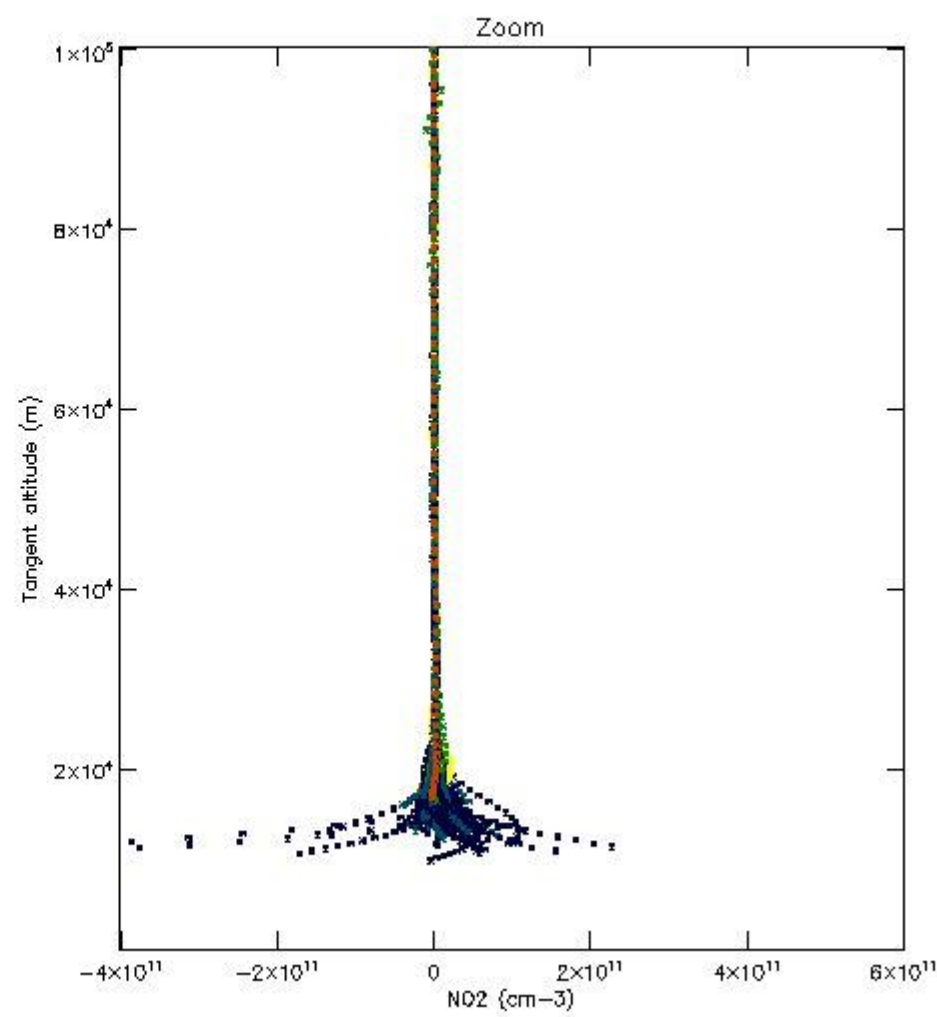
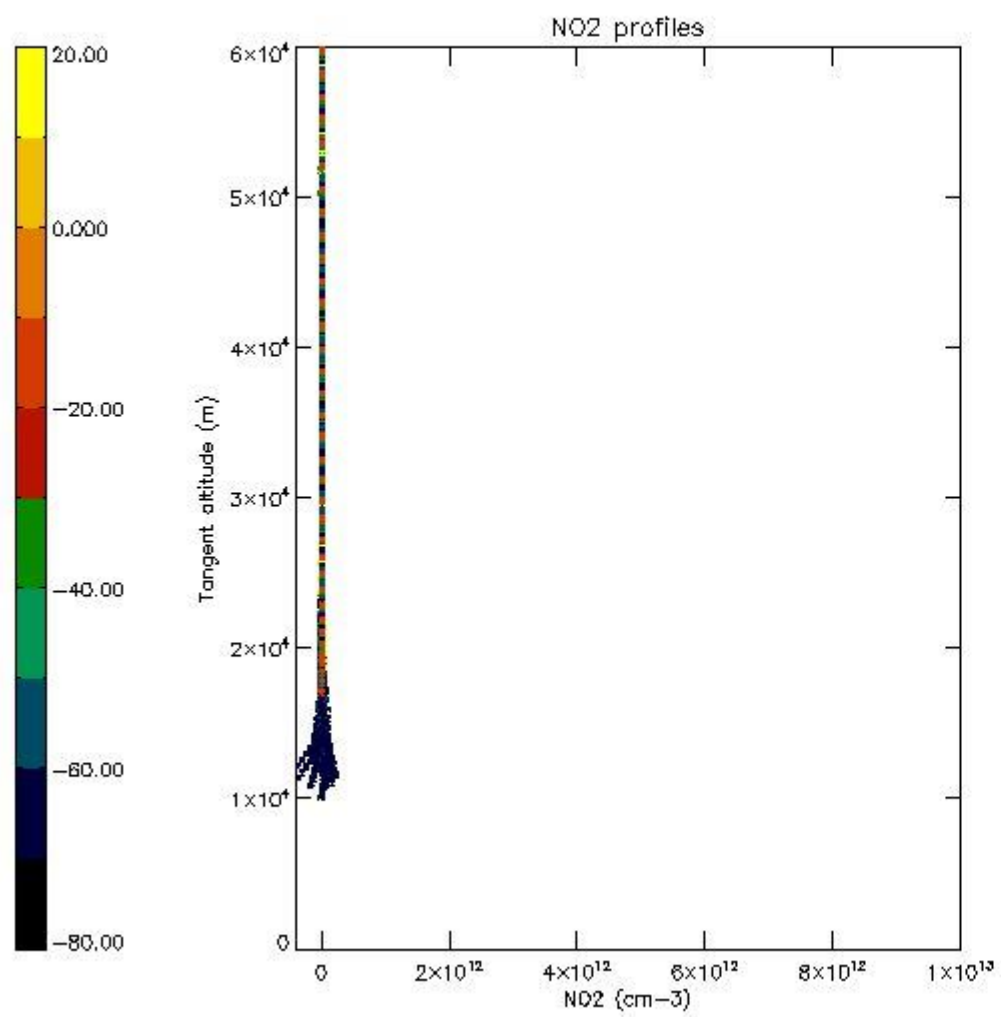
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

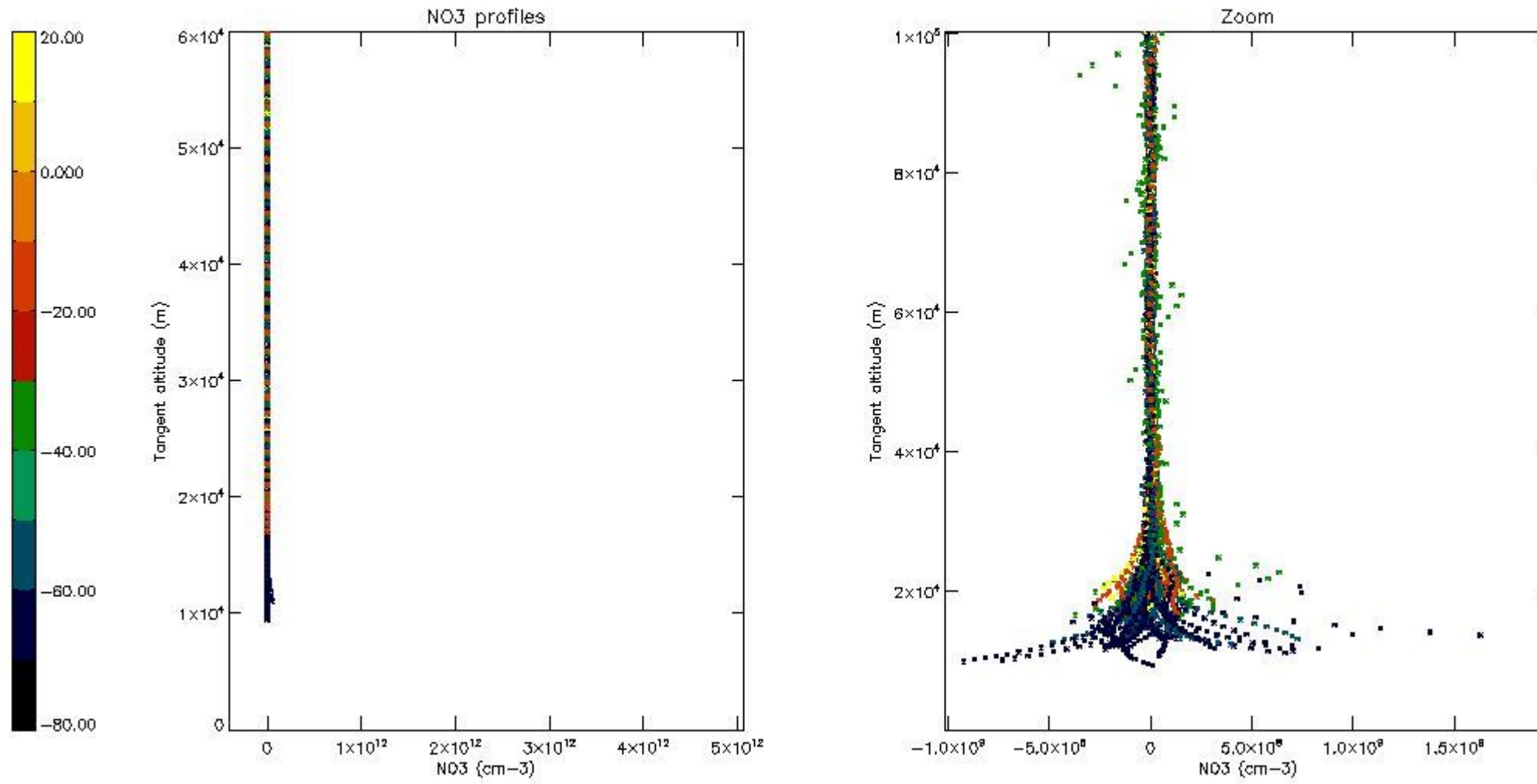
The colorbar represents the latitude.



*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	24-APR-2010 00:00:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-APR-2010 00:00:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-APR-2010 00:00:29

# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

### [2. Summary of processed GOM\\_NL\\_2P products](#)

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

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

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### [5. Ozone profiles based on quality statistics and other trace gas profiles](#)

#### [5.1 Ozone statistics based on quality of products](#)

#### [5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

#### [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 10:02:12
Data source version	GOMOS/6.01
Start time of products	24-04-2010 (24APR2010 00:00:00)
Stop time of products	25-04-2010 (25APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	293
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__2PRFIN20100424_000029_000000502088_00460_42598_5986.N1	24-APR-2010 00:00:29	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42598	No
2	GOM_NL__2PRFIN20100424_000231_000000422088_00460_42598_5987.N1	24-APR-2010 00:02:31	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42598	No
3	GOM_NL__2PRFIN20100424_000903_000000382088_00460_42598_5988.N1	24-APR-2010 00:09:03	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42598	No
4	GOM_NL__2PRFIN20100424_001148_000000422088_00460_42598_5989.N1	24-APR-2010 00:11:48	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42598	No
5	GOM_NL__2PRFIN20100424_001656_000000362088_00460_42598_5990.N1	24-APR-2010 00:16:56	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	42598	No
6	GOM_NL__2PRFIN20100424_001903_000000452088_00460_42598_5991.N1	24-APR-2010 00:19:03	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42598	No
7	GOM_NL__2PRFIN20100424_002050_000000412088_00460_42598_5992.N1	24-APR-2010 00:20:50	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42598	No
8	GOM_NL__2PRFIN20100424_002812_000000392088_00460_42598_5993.N1	24-APR-2010 00:28:12	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42598	No
9	GOM_NL__2PRFIN20100424_003825_000000392088_00460_42598_5994.N1	24-APR-2010 00:38:25	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42598	No
10	GOM_NL__2PRFIN20100424_004902_000000412088_00460_42598_5995.N1	24-APR-2010 00:49:02	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	42598	No
11	GOM_NL__2PRFIN20100424_005314_000000422088_00460_42598_5996.N1	24-APR-2010 00:53:14	Twilight	41.500	90	54Alp Peg	2.4870	11000.	83	42598	No
12	GOM_NL__2PRFIN20100424_005649_000000582088_00460_42598_5997.N1	24-APR-2010 00:56:49	Dark	57.500	61	8Eps Peg	2.1000	3900.0	115	42598	No
13	GOM_NL__2PRFIN20100424_005917_000000512088_00460_42598_5998.N1	24-APR-2010 00:59:17	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	42598	No
14	GOM_NL__2PRFIN20100424_010224_000000522088_00460_42598_5999.N1	24-APR-2010 01:02:24	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	42598	No
15	GOM_NL__2PRFIN20100424_011643_000000412088_00461_42599_5989.N1	24-APR-2010 01:16:43	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42599	No
16	GOM_NL__2PRFIN20100424_012537_000000602088_00461_42599_5990.N1	24-APR-2010 01:25:37	Straylight	60.000	40	The Sco	1.8590	7100.0	120	42599	No
17	GOM_NL__2PRFIN20100424_013127_000000402088_00461_42599_5991.N1	24-APR-2010 01:31:27	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42599	No
18	GOM_NL__2PRFIN20100424_013302_000000422088_00461_42599_5992.N1	24-APR-2010 01:33:02	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	42599	No
19	GOM_NL__2PRFIN20100424_013514_000000432088_00461_42599_5993.N1	24-APR-2010 01:35:14	Straylight	43.000	54	5The Cen	2.0550	4500.0	86	42599	No
20	GOM_NL__2PRFIN20100424_014105_000000512088_00461_42599_5994.N1	24-APR-2010 01:41:05	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42599	No
21	GOM_NL__2PRFIN20100424_014307_000000412088_00461_42599_5995.N1	24-APR-2010 01:43:07	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42599	No
22	GOM_NL__2PRFIN20100424_014939_000000372088_00461_42599_5996.N1	24-APR-2010 01:49:39	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42599	No
23	GOM_NL__2PRFIN20100424_015223_000000432088_00461_42599_5997.N1	24-APR-2010 01:52:23	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	42599	No
24	GOM_NL__2PRFIN20100424_015732_000000372088_00461_42599_5998.N1	24-APR-2010 01:57:32	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42599	No
25	GOM_NL__2PRFIN20100424_015938_000000452088_00461_42599_5999.N1	24-APR-2010 01:59:38	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	42599	No
26	GOM_NL__2PRFIN20100424_020125_000000392088_00461_42599_6000.N1	24-APR-2010 02:01:25	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42599	No
27	GOM_NL__2PRFIN20100424_020848_000000512088_00461_42599_6001.N1	24-APR-2010 02:08:48	Bright	50.500	60	7Bet UMi	2.0810	3950.0	101	42599	No
28	GOM_NL__2PRFIN20100424_021901_000000422088_00461_42599_6002.N1	24-APR-2010 02:19:01	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42599	No
29	GOM_NL__2PRFIN20100424_022938_000000412088_00461_42599_6003.N1	24-APR-2010 02:29:38	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	42599	No
30	GOM_NL__2PRFIN20100424_023351_000000422088_00461_42599_6004.N1	24-APR-2010 02:33:51	Twilight	42.000	90	54Alp Peg	2.4870	11000.	84	42599	No
31	GOM_NL__2PRFIN20100424_023726_000000562088_00461_42599_6005.N1	24-APR-2010 02:37:26	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42599	No
32	GOM_NL__2PRFIN20100424_023954_000000462088_00461_42599_6006.N1	24-APR-2010 02:39:54	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42599	No
33	GOM_NL__2PRFIN20100424_024301_000000562088_00461_42599_6007.N1	24-APR-2010 02:43:01	Dark	55.500	154	22Bet Aqr	2.8990	5700.0	111	42599	No
34	GOM_NL__2PRFIN20100424_025720_000000422088_00462_42600_5998.N1	24-APR-2010 02:57:20	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42600	No
35	GOM_NL__2PRFIN20100424_030614_000000522088_00462_42600_5999.N1	24-APR-2010 03:06:14	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42600	No
36	GOM_NL__2PRFIN20100424_031204_000000432088_00462_42600_6000.N1	24-APR-2010 03:12:04	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42600	No
37	GOM_NL__2PRFIN20100424_031338_000000432088_00462_42600_6001.N1	24-APR-2010 03:13:38	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42600	No
38	GOM_NL__2PRFIN20100424_031550_000000482088_00462_42600_6002.N1	24-APR-2010 03:15:50	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42600	No
39	GOM_NL__2PRFIN20100424_032142_000000512088_00462_42600_6003.N1	24-APR-2010 03:21:42	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42600	No
40	GOM_NL__2PRFIN20100424_032343_000000422088_00462_42600_6004.N1	24-APR-2010 03:23:43	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42600	No
41	GOM_NL__2PRFIN20100424_033015_000000362088_00462_42600_6005.N1	24-APR-2010 03:30:15	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	42600	No
42	GOM_NL__2PRFIN20100424_033259_000000422088_00462_42600_6006.N1	24-APR-2010 03:32:59	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42600	No



43	GOM_NL__2PRFIN20100424_033808_000000352088_00462_42600_6007.N1	24-APR-2010 03:38:08	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	42600	No
44	GOM_NL__2PRFIN20100424_034013_000000442088_00462_42600_6008.N1	24-APR-2010 03:40:13	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	42600	No
45	GOM_NL__2PRFIN20100424_034201_000000392088_00462_42600_6009.N1	24-APR-2010 03:42:01	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42600	No
46	GOM_NL__2PRFIN20100424_034923_000000412088_00462_42600_6010.N1	24-APR-2010 03:49:23	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42600	No
47	GOM_NL__2PRFIN20100424_035937_000000422088_00462_42600_6011.N1	24-APR-2010 03:59:37	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42600	No
48	GOM_NL__2PRFIN20100424_041014_000000402088_00462_42600_6012.N1	24-APR-2010 04:10:14	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42600	No
49	GOM_NL__2PRFIN20100424_041427_000000442088_00462_42600_6013.N1	24-APR-2010 04:14:27	Tw_i_and_stray	44.000	90	54Alp Peg	2.4870	11000.	88	42600	No
50	GOM_NL__2PRFIN20100424_041803_000000542088_00462_42600_6014.N1	24-APR-2010 04:18:03	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42600	No
51	GOM_NL__2PRFIN20100424_042030_000000492088_00462_42600_6015.N1	24-APR-2010 04:20:30	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42600	No
52	GOM_NL__2PRFIN20100424_042337_000000552088_00462_42600_6016.N1	24-APR-2010 04:23:37	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42600	No
53	GOM_NL__2PRFIN20100424_043051_000000412088_00462_42600_6017.N1	24-APR-2010 04:30:51	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42600	No
54	GOM_NL__2PRFIN20100424_043756_000000402088_00463_42601_6006.N1	24-APR-2010 04:37:56	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42601	No
55	GOM_NL__2PRFIN20100424_044651_000000572088_00463_42601_6007.N1	24-APR-2010 04:46:51	Straylight	57.000	40	The Sco	1.8590	7100.0	114	42601	No
56	GOM_NL__2PRFIN20100424_045240_000000422088_00463_42601_6008.N1	24-APR-2010 04:52:40	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42601	No
57	GOM_NL__2PRFIN20100424_045414_000000432088_00463_42601_6009.N1	24-APR-2010 04:54:14	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42601	No
58	GOM_NL__2PRFIN20100424_045627_000000462088_00463_42601_6010.N1	24-APR-2010 04:56:27	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42601	No
59	GOM_NL__2PRFIN20100424_050218_000000502088_00463_42601_6011.N1	24-APR-2010 05:02:18	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42601	No
60	GOM_NL__2PRFIN20100424_050419_000000402088_00463_42601_6012.N1	24-APR-2010 05:04:19	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	42601	No
61	GOM_NL__2PRFIN20100424_051051_000000372088_00463_42601_6013.N1	24-APR-2010 05:10:51	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42601	No
62	GOM_NL__2PRFIN20100424_051335_000000442088_00463_42601_6014.N1	24-APR-2010 05:13:35	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42601	No
63	GOM_NL__2PRFIN20100424_051844_000000372088_00463_42601_6015.N1	24-APR-2010 05:18:44	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42601	No
64	GOM_NL__2PRFIN20100424_052049_000000432088_00463_42601_6016.N1	24-APR-2010 05:20:49	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	42601	No
65	GOM_NL__2PRFIN20100424_052237_000000412088_00463_42601_6017.N1	24-APR-2010 05:22:37	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42601	No
66	GOM_NL__2PRFIN20100424_052959_000000402088_00463_42601_6018.N1	24-APR-2010 05:29:59	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42601	No
67	GOM_NL__2PRFIN20100424_054013_000000462088_00463_42601_6019.N1	24-APR-2010 05:40:13	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42601	No
68	GOM_NL__2PRFIN20100424_055051_000000422088_00463_42601_6020.N1	24-APR-2010 05:50:51	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	42601	No
69	GOM_NL__2PRFIN20100424_055503_000000442088_00463_42601_6021.N1	24-APR-2010 05:55:03	Tw_i_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42601	No
70	GOM_NL__2PRFIN20100424_055839_000000542088_00463_42601_6022.N1	24-APR-2010 05:58:39	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	42601	No
71	GOM_NL__2PRFIN20100424_060106_000000502088_00463_42601_6023.N1	24-APR-2010 06:01:06	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42601	No
72	GOM_NL__2PRFIN20100424_060414_000000552088_00463_42601_6024.N1	24-APR-2010 06:04:14	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42601	No
73	GOM_NL__2PRFIN20100424_061128_000000432088_00463_42601_6025.N1	24-APR-2010 06:11:28	Dark	42.500	172	Gam Gru	3.0030	13100.	85	42601	No
74	GOM_NL__2PRFIN20100424_061833_000000402088_00464_42602_6034.N1	24-APR-2010 06:18:33	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42602	No
75	GOM_NL__2PRFIN20100424_062728_000000622088_00464_42602_6035.N1	24-APR-2010 06:27:28	Straylight	61.500	40	The Sco	1.8590	7100.0	123	42602	No
76	GOM_NL__2PRFIN20100424_063317_000000412088_00464_42602_6036.N1	24-APR-2010 06:33:17	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42602	No
77	GOM_NL__2PRFIN20100424_063450_000000432088_00464_42602_6037.N1	24-APR-2010 06:34:50	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42602	No
78	GOM_NL__2PRFIN20100424_063703_000000472088_00464_42602_6038.N1	24-APR-2010 06:37:03	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42602	No
79	GOM_NL__2PRFIN20100424_064254_000000492088_00464_42602_6039.N1	24-APR-2010 06:42:54	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	42602	No
80	GOM_NL__2PRFIN20100424_064455_000000412088_00464_42602_6040.N1	24-APR-2010 06:44:55	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42602	No
81	GOM_NL__2PRFIN20100424_065127_000000482088_00464_42602_6041.N1	24-APR-2010 06:51:27	Bright	48.000	138	47Eps Vir	2.8280	4700.0	96	42602	No
82	GOM_NL__2PRFIN20100424_065410_000000422088_00464_42602_6042.N1	24-APR-2010 06:54:10	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42602	No
83	GOM_NL__2PRFIN20100424_065920_000000382088_00464_42602_6043.N1	24-APR-2010 06:59:20	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42602	No
84	GOM_NL__2PRFIN20100424_070124_000000452088_00464_42602_6044.N1	24-APR-2010 07:01:24	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42602	No
85	GOM_NL__2PRFIN20100424_070312_000000422088_00464_42602_6045.N1	24-APR-2010 07:03:12	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42602	No
86	GOM_NL__2PRFIN20100424_071035_000000402088_00464_42602_6046.N1	24-APR-2010 07:10:35	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42602	No
87	GOM_NL__2PRFIN20100424_072048_000000422088_00464_42602_6047.N1	24-APR-2010 07:20:48	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42602	No
88	GOM_NL__2PRFIN20100424_073127_000000392088_00464_42602_6048.N1	24-APR-2010 07:31:27	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42602	No
89	GOM_NL__2PRFIN20100424_073539_000000422088_00464_42602_6049.N1	24-APR-2010 07:35:39	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42602	No
90	GOM_NL__2PRFIN20100424_073916_000000542088_00464_42602_6050.N1	24-APR-2010 07:39:16	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42602	No
91	GOM_NL__2PRFIN20100424_074144_000000502088_00464_42602_6051.N1	24-APR-2010 07:41:44	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	42602	No
92	GOM_NL__2PRFIN20100424_074452_000000552088_00464_42602_6052.N1	24-APR-2010 07:44:52	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42602	No
93	GOM_NL__2PRFIN20100424_075204_000000412088_00464_42602_6053.N1	24-APR-2010 07:52:04	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42602	No
94	GOM_NL__2PRFIN20100424_075909_000000412088_00465_42603_6042.N1	24-APR-2010 07:59:09	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42603	No
95	GOM_NL__2PRFIN20100424_080805_000000622088_00465_42603_6043.N1	24-APR-2010 08:08:05	Straylight	61.500	40	The Sco	1.8590	7100.0	123	42603	No
96	GOM_NL__2PRFIN20100424_081353_000000432088_00465_42603_6044.N1	24-APR-2010 08:13:53	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42603	No
97	GOM_NL__2PRFIN20100424_081527_000000422088_00465_42603_6045.N1	24-APR-2010 08:15:27	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	42603	No
98	GOM_NL__2PRFIN20100424_081739_000000442088_00465_42603_6046.N1	24-APR-2010 08:17:39	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	42603	No
99	GOM_NL__2PRFIN20100424_082330_000000492088_00465_42603_6047.N1	24-APR-2010 08:23:30	Bright	48.500	122	9Alp2Lib	2.7470	9700.0	97	42603	No
100	GOM_NL__2PRFIN20100424_082531_000000392088_00465_42603_6048.N1	24-APR-2010 08:25:31	Bright	39.000	15	67Alp Vir	0.97600	28000.	78	42603	No
101	GOM_NL__2PRFIN20100424_083203_000000382088_00465_42603_6049.N1	24-APR-2010 08:32:03	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42603	No

102	GOM_NL__2PRFIN20100424_083446_000000442088_00465_42603_6050.N1	24-APR-2010 08:34:46	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42603	No
103	GOM_NL__2PRFIN20100424_083955_000000382088_00465_42603_6051.N1	24-APR-2010 08:39:55	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42603	No
104	GOM_NL__2PRFIN20100424_084159_000000442088_00465_42603_6052.N1	24-APR-2010 08:41:59	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	42603	No
105	GOM_NL__2PRFIN20100424_084348_000000412088_00465_42603_6053.N1	24-APR-2010 08:43:48	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42603	No
106	GOM_NL__2PRFIN20100424_085111_000000372088_00465_42603_6054.N1	24-APR-2010 08:51:11	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42603	No
107	GOM_NL__2PRFIN20100424_090124_000000422088_00465_42603_6055.N1	24-APR-2010 09:01:24	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42603	No
108	GOM_NL__2PRFIN20100424_091202_000000572088_00465_42603_6056.N1	24-APR-2010 09:12:02	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	42603	No
109	GOM_NL__2PRFIN20100424_091615_000000422088_00465_42603_6057.N1	24-APR-2010 09:16:15	Tw_i_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	42603	No
110	GOM_NL__2PRFIN20100424_091952_000000542088_00465_42603_6058.N1	24-APR-2010 09:19:52	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42603	No
111	GOM_NL__2PRFIN20100424_092220_000000502088_00465_42603_6059.N1	24-APR-2010 09:22:20	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42603	No
112	GOM_NL__2PRFIN20100424_092528_000000542088_00465_42603_6060.N1	24-APR-2010 09:25:28	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	42603	No
113	GOM_NL__2PRFIN20100424_093241_000000402088_00465_42603_6061.N1	24-APR-2010 09:32:41	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42603	No
114	GOM_NL__2PRFIN20100424_093946_000000422088_00466_42604_6050.N1	24-APR-2010 09:39:46	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42604	No
115	GOM_NL__2PRFIN20100424_094842_000000552088_00466_42604_6051.N1	24-APR-2010 09:48:42	Straylight	54.500	40	The Sco	1.8590	7100.0	109	42604	No
116	GOM_NL__2PRFIN20100424_095429_000000432088_00466_42604_6052.N1	24-APR-2010 09:54:29	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42604	No
117	GOM_NL__2PRFIN20100424_095603_000000432088_00466_42604_6053.N1	24-APR-2010 09:56:03	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42604	No
118	GOM_NL__2PRFIN20100424_095815_000000472088_00466_42604_6054.N1	24-APR-2010 09:58:15	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42604	No
119	GOM_NL__2PRFIN20100424_100406_000000502088_00466_42604_6055.N1	24-APR-2010 10:04:06	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42604	No
120	GOM_NL__2PRFIN20100424_100607_000000412088_00466_42604_6056.N1	24-APR-2010 10:06:07	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42604	No
121	GOM_NL__2PRFIN20100424_101238_000000382088_00466_42604_6057.N1	24-APR-2010 10:12:38	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42604	No
122	GOM_NL__2PRFIN20100424_101521_000000422088_00466_42604_6058.N1	24-APR-2010 10:15:21	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42604	No
123	GOM_NL__2PRFIN20100424_102031_000000372088_00466_42604_6059.N1	24-APR-2010 10:20:31	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42604	No
124	GOM_NL__2PRFIN20100424_102234_000000462088_00466_42604_6060.N1	24-APR-2010 10:22:34	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42604	No
125	GOM_NL__2PRFIN20100424_102423_000000412088_00466_42604_6061.N1	24-APR-2010 10:24:23	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42604	No
126	GOM_NL__2PRFIN20100424_103146_000000562088_00466_42604_6062.N1	24-APR-2010 10:31:46	Bright	56.000	60	7Bet UMi	2.0810	3950.0	112	42604	No
127	GOM_NL__2PRFIN20100424_104159_000000402088_00466_42604_6063.N1	24-APR-2010 10:41:59	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42604	No
128	GOM_NL__2PRFIN20100424_105239_000000392088_00466_42604_6064.N1	24-APR-2010 10:52:39	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42604	No
129	GOM_NL__2PRFIN20100424_105651_000000412088_00466_42604_6065.N1	24-APR-2010 10:56:51	Tw_i_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	42604	No
130	GOM_NL__2PRFIN20100424_110028_000000602088_00466_42604_6066.N1	24-APR-2010 11:00:28	Dark	60.000	61	8Eps Peg	2.1000	3900.0	120	42604	No
131	GOM_NL__2PRFIN20100424_110256_000000512088_00466_42604_6067.N1	24-APR-2010 11:02:56	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	42604	No
132	GOM_NL__2PRFIN20100424_110605_000000552088_00466_42604_6068.N1	24-APR-2010 11:06:05	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42604	No
133	GOM_NL__2PRFIN20100424_111317_000000412088_00466_42604_6069.N1	24-APR-2010 11:13:17	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42604	No
134	GOM_NL__2PRFIN20100424_112022_000000392088_00467_42605_6058.N1	24-APR-2010 11:20:22	Dark	38.500	45	Alp Pav	1.9400	26000.	77	42605	No
135	GOM_NL__2PRFIN20100424_112919_000000592088_00467_42605_6059.N1	24-APR-2010 11:29:19	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42605	No
136	GOM_NL__2PRFIN20100424_113505_000000452088_00467_42605_6060.N1	24-APR-2010 11:35:05	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42605	No
137	GOM_NL__2PRFIN20100424_113639_000000452088_00467_42605_6061.N1	24-APR-2010 11:36:39	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42605	No
138	GOM_NL__2PRFIN20100424_113851_000000452088_00467_42605_6062.N1	24-APR-2010 11:38:51	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42605	No
139	GOM_NL__2PRFIN20100424_114441_000000492088_00467_42605_6063.N1	24-APR-2010 11:44:41	Bright	48.500	122	9Alp2Lib	2.7470	9700.0	97	42605	No
140	GOM_NL__2PRFIN20100424_114643_000000412088_00467_42605_6064.N1	24-APR-2010 11:46:43	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42605	No
141	GOM_NL__2PRFIN20100424_115314_000000372088_00467_42605_6065.N1	24-APR-2010 11:53:14	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42605	No
142	GOM_NL__2PRFIN20100424_115557_000000412088_00467_42605_6066.N1	24-APR-2010 11:55:57	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	42605	No
143	GOM_NL__2PRFIN20100424_120107_000000392088_00467_42605_6067.N1	24-APR-2010 12:01:07	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42605	No
144	GOM_NL__2PRFIN20100424_120309_000000462088_00467_42605_6068.N1	24-APR-2010 12:03:09	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	42605	No
145	GOM_NL__2PRFIN20100424_120459_000000412088_00467_42605_6069.N1	24-APR-2010 12:04:59	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42605	No
146	GOM_NL__2PRFIN20100424_121222_000000392088_00467_42605_6070.N1	24-APR-2010 12:12:22	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42605	No
147	GOM_NL__2PRFIN20100424_122235_000000382088_00467_42605_6071.N1	24-APR-2010 12:22:35	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42605	No
148	GOM_NL__2PRFIN20100424_123315_000000572088_00467_42605_6072.N1	24-APR-2010 12:33:15	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	42605	No
149	GOM_NL__2PRFIN20100424_123728_000000432088_00467_42605_6073.N1	24-APR-2010 12:37:28	Tw_i_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42605	No
150	GOM_NL__2PRFIN20100424_124105_000000552088_00467_42605_6074.N1	24-APR-2010 12:41:05	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	42605	No
151	GOM_NL__2PRFIN20100424_124333_000000472088_00467_42605_6075.N1	24-APR-2010 12:43:33	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42605	No
152	GOM_NL__2PRFIN20100424_124642_000000512088_00467_42605_6076.N1	24-APR-2010 12:46:42	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42605	No
153	GOM_NL__2PRFIN20100424_125354_000000402088_00467_42605_6077.N1	24-APR-2010 12:53:54	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42605	No
154	GOM_NL__2PRFIN20100424_130059_000000432088_00468_42606_6066.N1	24-APR-2010 13:00:59	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42606	No
155	GOM_NL__2PRFIN20100424_130832_000000442088_00468_42606_6067.N1	24-APR-2010 13:08:32	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	42606	No
156	GOM_NL__2PRFIN20100424_130955_000000512088_00468_42606_6068.N1	24-APR-2010 13:09:55	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42606	No
157	GOM_NL__2PRFIN20100424_131542_000000402088_00468_42606_6069.N1	24-APR-2010 13:15:42	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42606	No
158	GOM_NL__2PRFIN20100424_131715_000000452088_00468_42606_6070.N1	24-APR-2010 13:17:15	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42606	No
159	GOM_NL__2PRFIN20100424_131927_000000462088_00468_42606_6071.N1	24-APR-2010 13:19:27	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42606	No
160	GOM_NL__2PRFIN20100424_132517_000000502088_00468_42606_6072.N1	24-APR-2010 13:25:17	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42606	No

161	GOM_NL__2PRFIN20100424_132719_000000422088_00468_42606_6073.N1	24-APR-2010 13:27:19	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42606	No
162	GOM_NL__2PRFIN20100424_133350_000000362088_00468_42606_6074.N1	24-APR-2010 13:33:50	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	42606	No
163	GOM_NL__2PRFIN20100424_133633_000000412088_00468_42606_6075.N1	24-APR-2010 13:36:33	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	42606	No
164	GOM_NL__2PRFIN20100424_134143_000000362088_00468_42606_6076.N1	24-APR-2010 13:41:43	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	42606	No
165	GOM_NL__2PRFIN20100424_134345_000000442088_00468_42606_6077.N1	24-APR-2010 13:43:45	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	42606	No
166	GOM_NL__2PRFIN20100424_134535_000000402088_00468_42606_6078.N1	24-APR-2010 13:45:35	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42606	No
167	GOM_NL__2PRFIN20100424_135257_000000372088_00468_42606_6079.N1	24-APR-2010 13:52:57	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42606	No
168	GOM_NL__2PRFIN20100424_140311_000000402088_00468_42606_6080.N1	24-APR-2010 14:03:11	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42606	No
169	GOM_NL__2PRFIN20100424_141351_000000412088_00468_42606_6081.N1	24-APR-2010 14:13:51	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	42606	No
170	GOM_NL__2PRFIN20100424_141804_000000422088_00468_42606_6082.N1	24-APR-2010 14:18:04	Tw_i_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	42606	No
171	GOM_NL__2PRFIN20100424_142142_000000572088_00468_42606_6083.N1	24-APR-2010 14:21:42	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	42606	No
172	GOM_NL__2PRFIN20100424_142409_000000492088_00468_42606_6084.N1	24-APR-2010 14:24:09	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42606	No
173	GOM_NL__2PRFIN20100424_142718_000000572088_00468_42606_6085.N1	24-APR-2010 14:27:18	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	42606	No
174	GOM_NL__2PRFIN20100424_143430_000000402088_00468_42606_6086.N1	24-APR-2010 14:34:30	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42606	No
175	GOM_NL__2PRFIN20100424_144135_000000432088_00469_42607_6074.N1	24-APR-2010 14:41:35	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42607	No
176	GOM_NL__2PRFIN20100424_144908_000000432088_00469_42607_6075.N1	24-APR-2010 14:49:08	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	42607	No
177	GOM_NL__2PRFIN20100424_145033_000000592088_00469_42607_6076.N1	24-APR-2010 14:50:33	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42607	No
178	GOM_NL__2PRFIN20100424_145618_000000392088_00469_42607_6077.N1	24-APR-2010 14:56:18	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	42607	No
179	GOM_NL__2PRFIN20100424_145752_000000432088_00469_42607_6078.N1	24-APR-2010 14:57:52	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42607	No
180	GOM_NL__2PRFIN20100424_150004_000000442088_00469_42607_6079.N1	24-APR-2010 15:00:04	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	42607	No
181	GOM_NL__2PRFIN20100424_150554_000000502088_00469_42607_6080.N1	24-APR-2010 15:05:54	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42607	No
182	GOM_NL__2PRFIN20100424_150755_000000422088_00469_42607_6081.N1	24-APR-2010 15:07:55	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42607	No
183	GOM_NL__2PRFIN20100424_151426_000000372088_00469_42607_6082.N1	24-APR-2010 15:14:26	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42607	No
184	GOM_NL__2PRFIN20100424_151708_000000412088_00469_42607_6083.N1	24-APR-2010 15:17:08	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	42607	No
185	GOM_NL__2PRFIN20100424_152219_000000372088_00469_42607_6084.N1	24-APR-2010 15:22:19	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42607	No
186	GOM_NL__2PRFIN20100424_152420_000000432088_00469_42607_6085.N1	24-APR-2010 15:24:20	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42607	No
187	GOM_NL__2PRFIN20100424_152610_000000382088_00469_42607_6086.N1	24-APR-2010 15:26:10	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	42607	No
188	GOM_NL__2PRFIN20100424_153333_000000362088_00469_42607_6087.N1	24-APR-2010 15:33:33	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	42607	No
189	GOM_NL__2PRFIN20100424_154347_000000402088_00469_42607_6088.N1	24-APR-2010 15:43:47	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42607	No
190	GOM_NL__2PRFIN20100424_155427_000000572088_00469_42607_6089.N1	24-APR-2010 15:54:27	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	42607	No
191	GOM_NL__2PRFIN20100424_155840_000000442088_00469_42607_6090.N1	24-APR-2010 15:58:40	Tw_i_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42607	No
192	GOM_NL__2PRFIN20100424_160218_000000572088_00469_42607_6091.N1	24-APR-2010 16:02:18	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	42607	No
193	GOM_NL__2PRFIN20100424_160446_000000492088_00469_42607_6092.N1	24-APR-2010 16:04:46	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42607	No
194	GOM_NL__2PRFIN20100424_160755_000000542088_00469_42607_6093.N1	24-APR-2010 16:07:55	Dark	53.500	154	22Bet Aqr	2.8990	5700.0	107	42607	No
195	GOM_NL__2PRFIN20100424_161507_000000412088_00469_42607_6094.N1	24-APR-2010 16:15:07	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42607	No
196	GOM_NL__2PRFIN20100424_162212_000000402088_00470_42608_6082.N1	24-APR-2010 16:22:12	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42608	No
197	GOM_NL__2PRFIN20100424_162945_000000482088_00470_42608_6083.N1	24-APR-2010 16:29:45	Straylight	47.500	141	Bet Ara	2.8400	4600.0	95	42608	No
198	GOM_NL__2PRFIN20100424_163109_000000562088_00470_42608_6084.N1	24-APR-2010 16:31:09	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42608	No
199	GOM_NL__2PRFIN20100424_163654_000000432088_00470_42608_6085.N1	24-APR-2010 16:36:54	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42608	No
200	GOM_NL__2PRFIN20100424_163828_000000432088_00470_42608_6086.N1	24-APR-2010 16:38:28	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42608	No
201	GOM_NL__2PRFIN20100424_164040_000000442088_00470_42608_6087.N1	24-APR-2010 16:40:40	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	42608	No
202	GOM_NL__2PRFIN20100424_164630_000000512088_00470_42608_6088.N1	24-APR-2010 16:46:30	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42608	No
203	GOM_NL__2PRFIN20100424_164831_000000422088_00470_42608_6089.N1	24-APR-2010 16:48:31	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42608	No
204	GOM_NL__2PRFIN20100424_165502_000000372088_00470_42608_6090.N1	24-APR-2010 16:55:02	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42608	No
205	GOM_NL__2PRFIN20100424_165744_000000412088_00470_42608_6091.N1	24-APR-2010 16:57:44	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	42608	No
206	GOM_NL__2PRFIN20100424_170254_000000372088_00470_42608_6092.N1	24-APR-2010 17:02:54	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42608	No
207	GOM_NL__2PRFIN20100424_170455_000000452088_00470_42608_6093.N1	24-APR-2010 17:04:55	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	42608	No
208	GOM_NL__2PRFIN20100424_170646_000000422088_00470_42608_6094.N1	24-APR-2010 17:06:46	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42608	No
209	GOM_NL__2PRFIN20100424_171409_000000402088_00470_42608_6095.N1	24-APR-2010 17:14:09	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42608	No
210	GOM_NL__2PRFIN20100424_172423_000000432088_00470_42608_6096.N1	24-APR-2010 17:24:23	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42608	No
211	GOM_NL__2PRFIN20100424_173503_000000572088_00470_42608_6097.N1	24-APR-2010 17:35:03	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	42608	No
212	GOM_NL__2PRFIN20100424_173916_000000432088_00470_42608_6098.N1	24-APR-2010 17:39:16	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42608	No
213	GOM_NL__2PRFIN20100424_174255_000000592088_00470_42608_6099.N1	24-APR-2010 17:42:55	Dark	58.500	61	8Eps Peg	2.1000	3900.0	117	42608	No
214	GOM_NL__2PRFIN20100424_174522_000000492088_00470_42608_6100.N1	24-APR-2010 17:45:22	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42608	No
215	GOM_NL__2PRFIN20100424_174832_000000542088_00470_42608_6101.N1	24-APR-2010 17:48:32	Dark	53.500	154	22Bet Aqr	2.8990	5700.0	107	42608	No
216	GOM_NL__2PRFIN20100424_175544_000000392088_00470_42608_6102.N1	24-APR-2010 17:55:44	Dark	39.000	172	Gam Gru	3.0030	13100.	78	42608	No
217	GOM_NL__2PRFIN20100424_180248_000000392088_00471_42609_6090.N1	24-APR-2010 18:02:48	Dark	38.500	45	Alp Pav	1.9400	26000.	77	42609	No
218	GOM_NL__2PRFIN20100424_181021_000000432088_00471_42609_6091.N1	24-APR-2010 18:10:21	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	42609	No
219	GOM_NL__2PRFIN20100424_181146_000000632088_00471_42609_6092.N1	24-APR-2010 18:11:46	Straylight	62.500	40	The Sco	1.8590	7100.0	125	42609	No



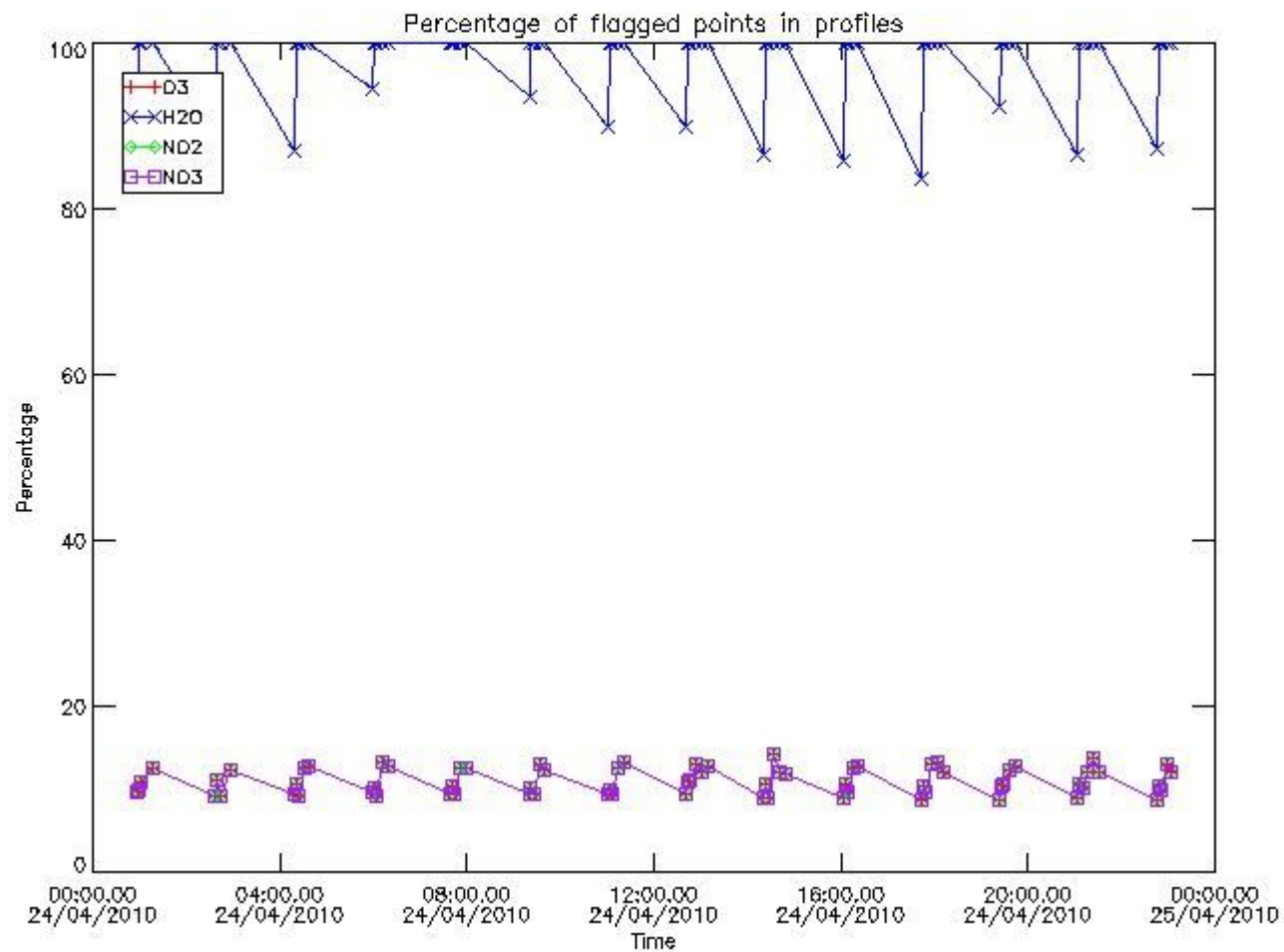
220	GOM_NL__2PRFIN20100424_181731_000000402088_00471_42609_6093.N1	24-APR-2010 18:17:31	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42609	No
221	GOM_NL__2PRFIN20100424_181905_000000412088_00471_42609_6094.N1	24-APR-2010 18:19:05	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	42609	No
222	GOM_NL__2PRFIN20100424_182116_000000432088_00471_42609_6095.N1	24-APR-2010 18:21:16	Straylight	42.500	54	5The Cen	2.0550	4500.0	85	42609	No
223	GOM_NL__2PRFIN20100424_182706_000000482088_00471_42609_6096.N1	24-APR-2010 18:27:06	Bright	47.500	122	9Alp2Lib	2.7470	9700.0	95	42609	No
224	GOM_NL__2PRFIN20100424_182907_000000422088_00471_42609_6097.N1	24-APR-2010 18:29:07	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42609	No
225	GOM_NL__2PRFIN20100424_183538_000000372088_00471_42609_6098.N1	24-APR-2010 18:35:38	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42609	No
226	GOM_NL__2PRFIN20100424_183819_000000432088_00471_42609_6099.N1	24-APR-2010 18:38:19	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	42609	No
227	GOM_NL__2PRFIN20100424_184330_000000382088_00471_42609_6100.N1	24-APR-2010 18:43:30	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42609	No
228	GOM_NL__2PRFIN20100424_184531_000000432088_00471_42609_6101.N1	24-APR-2010 18:45:31	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42609	No
229	GOM_NL__2PRFIN20100424_184721_000000412088_00471_42609_6102.N1	24-APR-2010 18:47:21	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42609	No
230	GOM_NL__2PRFIN20100424_185444_000000392088_00471_42609_6103.N1	24-APR-2010 18:54:44	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42609	No
231	GOM_NL__2PRFIN20100424_190458_000000392088_00471_42609_6104.N1	24-APR-2010 19:04:58	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42609	No
232	GOM_NL__2PRFIN20100424_191539_000000422088_00471_42609_6105.N1	24-APR-2010 19:15:39	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	42609	No
233	GOM_NL__2PRFIN20100424_191952_000000442088_00471_42609_6106.N1	24-APR-2010 19:19:52	Tw_i_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42609	No
234	GOM_NL__2PRFIN20100424_192331_000000592088_00471_42609_6107.N1	24-APR-2010 19:23:31	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	42609	No
235	GOM_NL__2PRFIN20100424_192559_000000492088_00471_42609_6108.N1	24-APR-2010 19:25:59	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42609	No
236	GOM_NL__2PRFIN20100424_192909_000000532088_00471_42609_6109.N1	24-APR-2010 19:29:09	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	42609	No
237	GOM_NL__2PRFIN20100424_193620_000000422088_00471_42609_6110.N1	24-APR-2010 19:36:20	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42609	No
238	GOM_NL__2PRFIN20100424_194325_000000402088_00472_42610_6098.N1	24-APR-2010 19:43:25	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42610	No
239	GOM_NL__2PRFIN20100424_195058_000000482088_00472_42610_6099.N1	24-APR-2010 19:50:58	Straylight	47.500	141	Bet Ara	2.8400	4600.0	95	42610	No
240	GOM_NL__2PRFIN20100424_195224_000000572088_00472_42610_6100.N1	24-APR-2010 19:52:24	Straylight	56.500	40	The Sco	1.8590	7100.0	113	42610	No
241	GOM_NL__2PRFIN20100424_195807_000000432088_00472_42610_6101.N1	24-APR-2010 19:58:07	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42610	No
242	GOM_NL__2PRFIN20100424_195941_000000442088_00472_42610_6102.N1	24-APR-2010 19:59:41	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42610	No
243	GOM_NL__2PRFIN20100424_200152_000000462088_00472_42610_6103.N1	24-APR-2010 20:01:52	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42610	No
244	GOM_NL__2PRFIN20100424_200742_000000512088_00472_42610_6104.N1	24-APR-2010 20:07:42	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42610	No
245	GOM_NL__2PRFIN20100424_200943_000000412088_00472_42610_6105.N1	24-APR-2010 20:09:43	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42610	No
246	GOM_NL__2PRFIN20100424_201614_000000372088_00472_42610_6106.N1	24-APR-2010 20:16:14	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42610	No
247	GOM_NL__2PRFIN20100424_201855_000000412088_00472_42610_6107.N1	24-APR-2010 20:18:55	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	42610	No
248	GOM_NL__2PRFIN20100424_202406_000000542088_00472_42610_6108.N1	24-APR-2010 20:24:06	Bright	54.000	152	12Alp2CVn	2.8900	11000.	108	42610	No
249	GOM_NL__2PRFIN20100424_202606_000000442088_00472_42610_6109.N1	24-APR-2010 20:26:06	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	42610	No
250	GOM_NL__2PRFIN20100424_202757_000000382088_00472_42610_6110.N1	24-APR-2010 20:27:57	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	42610	No
251	GOM_NL__2PRFIN20100424_203520_000000422088_00472_42610_6111.N1	24-APR-2010 20:35:20	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42610	No
252	GOM_NL__2PRFIN20100424_204534_000000402088_00472_42610_6112.N1	24-APR-2010 20:45:34	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42610	No
253	GOM_NL__2PRFIN20100424_205615_000000392088_00472_42610_6113.N1	24-APR-2010 20:56:15	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42610	No
254	GOM_NL__2PRFIN20100424_210028_000000432088_00472_42610_6114.N1	24-APR-2010 21:00:28	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42610	No
255	GOM_NL__2PRFIN20100424_210408_000000572088_00472_42610_6115.N1	24-APR-2010 21:04:08	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	42610	No
256	GOM_NL__2PRFIN20100424_210635_000000492088_00472_42610_6116.N1	24-APR-2010 21:06:35	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42610	No
257	GOM_NL__2PRFIN20100424_210946_000000562088_00472_42610_6117.N1	24-APR-2010 21:09:46	Dark	55.500	154	22Bet Aqr	2.8990	5700.0	111	42610	No
258	GOM_NL__2PRFIN20100424_211656_000000422088_00472_42610_6118.N1	24-APR-2010 21:16:56	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42610	No
259	GOM_NL__2PRFIN20100424_212401_000000412088_00473_42611_6106.N1	24-APR-2010 21:24:01	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42611	No
260	GOM_NL__2PRFIN20100424_213134_000000422088_00473_42611_6107.N1	24-APR-2010 21:31:34	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	42611	No
261	GOM_NL__2PRFIN20100424_213300_000000562088_00473_42611_6108.N1	24-APR-2010 21:33:00	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42611	No
262	GOM_NL__2PRFIN20100424_213843_000000422088_00473_42611_6109.N1	24-APR-2010 21:38:43	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42611	No
263	GOM_NL__2PRFIN20100424_214017_000000432088_00473_42611_6110.N1	24-APR-2010 21:40:17	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42611	No
264	GOM_NL__2PRFIN20100424_214228_000000452088_00473_42611_6111.N1	24-APR-2010 21:42:28	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	42611	No
265	GOM_NL__2PRFIN20100424_214818_000000502088_00473_42611_6112.N1	24-APR-2010 21:48:18	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42611	No
266	GOM_NL__2PRFIN20100424_215019_000000422088_00473_42611_6113.N1	24-APR-2010 21:50:19	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42611	No
267	GOM_NL__2PRFIN20100424_215650_000000372088_00473_42611_6114.N1	24-APR-2010 21:56:50	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42611	No
268	GOM_NL__2PRFIN20100424_215931_000000412088_00473_42611_6115.N1	24-APR-2010 21:59:31	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	42611	No
269	GOM_NL__2PRFIN20100424_220442_000000372088_00473_42611_6116.N1	24-APR-2010 22:04:42	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42611	No
270	GOM_NL__2PRFIN20100424_220641_000000432088_00473_42611_6117.N1	24-APR-2010 22:06:41	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	42611	No
271	GOM_NL__2PRFIN20100424_220832_000000402088_00473_42611_6118.N1	24-APR-2010 22:08:32	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42611	No
272	GOM_NL__2PRFIN20100424_221556_000000382088_00473_42611_6119.N1	24-APR-2010 22:15:56	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	42611	No
273	GOM_NL__2PRFIN20100424_222609_000000422088_00473_42611_6120.N1	24-APR-2010 22:26:09	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42611	No
274	GOM_NL__2PRFIN20100424_223651_000000422088_00473_42611_6121.N1	24-APR-2010 22:36:51	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	42611	No
275	GOM_NL__2PRFIN20100424_224105_000000432088_00473_42611_6122.N1	24-APR-2010 22:41:05	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42611	No
276	GOM_NL__2PRFIN20100424_224445_000000602088_00473_42611_6123.N1	24-APR-2010 22:44:45	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	42611	No
277	GOM_NL__2PRFIN20100424_224712_000000492088_00473_42611_6124.N1	24-APR-2010 22:47:12	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42611	No
278	GOM_NL__2PRFIN20100424_225023_000000512088_00473_42611_6125.N1	24-APR-2010 22:50:23	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	42611	No

279	GOM_NL__2PRFIN20100424_225733_000000402088_00473_42611_6126.N1	24-APR-2010 22:57:33	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42611	No
280	GOM_NL__2PRFIN20100424_230438_000000422088_00474_42612_6134.N1	24-APR-2010 23:04:38	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42612	No
281	GOM_NL__2PRFIN20100424_231211_000000432088_00474_42612_6135.N1	24-APR-2010 23:12:11	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	42612	No
282	GOM_NL__2PRFIN20100424_231337_000000522088_00474_42612_6136.N1	24-APR-2010 23:13:37	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42612	No
283	GOM_NL__2PRFIN20100424_231919_000000422088_00474_42612_6137.N1	24-APR-2010 23:19:19	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42612	No
284	GOM_NL__2PRFIN20100424_232053_000000432088_00474_42612_6138.N1	24-APR-2010 23:20:53	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42612	No
285	GOM_NL__2PRFIN20100424_232305_000000472088_00474_42612_6139.N1	24-APR-2010 23:23:05	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42612	No
286	GOM_NL__2PRFIN20100424_232854_000000502088_00474_42612_6140.N1	24-APR-2010 23:28:54	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42612	No
287	GOM_NL__2PRFIN20100424_233055_000000432088_00474_42612_6141.N1	24-APR-2010 23:30:55	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42612	No
288	GOM_NL__2PRFIN20100424_233726_000000372088_00474_42612_6142.N1	24-APR-2010 23:37:26	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42612	No
289	GOM_NL__2PRFIN20100424_234006_000000422088_00474_42612_6143.N1	24-APR-2010 23:40:06	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42612	No
290	GOM_NL__2PRFIN20100424_234517_000000372088_00474_42612_6144.N1	24-APR-2010 23:45:17	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42612	No
291	GOM_NL__2PRFIN20100424_234717_000000452088_00474_42612_6145.N1	24-APR-2010 23:47:17	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42612	No
292	GOM_NL__2PRFIN20100424_234908_000000392088_00474_42612_6146.N1	24-APR-2010 23:49:08	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42612	No
293	GOM_NL__2PRFIN20100424_235632_000000392088_00474_42612_6147.N1	24-APR-2010 23:56:32	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42612	No

### 3. Quality information per product

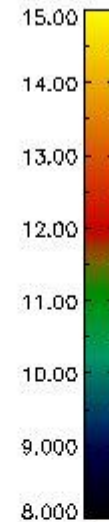
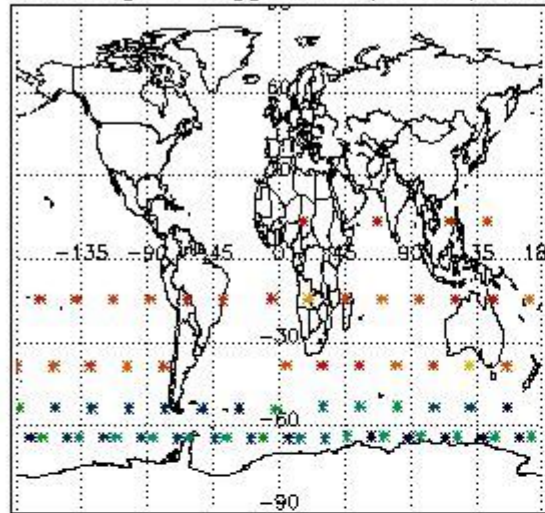
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)

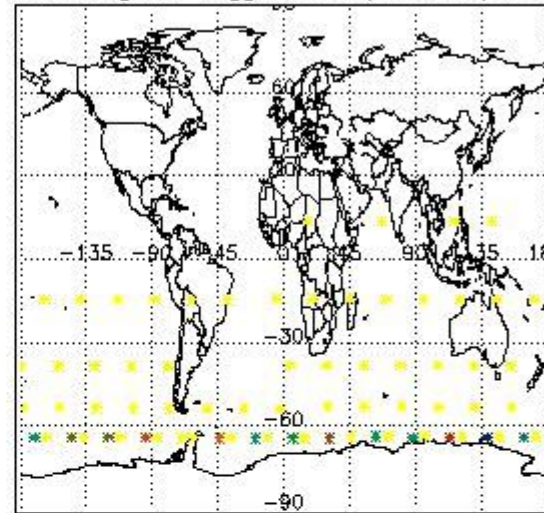


### 3.2 Plot quality information per product (world map)

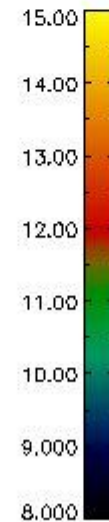
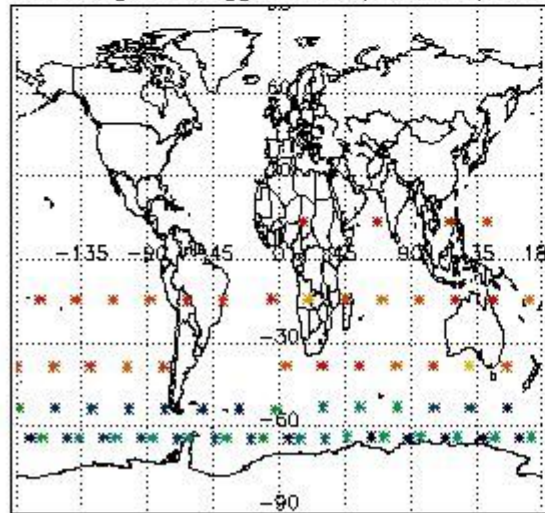
Percentage of flagged data per O3 profile



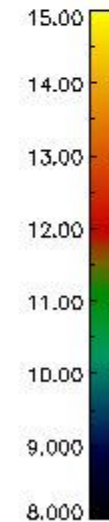
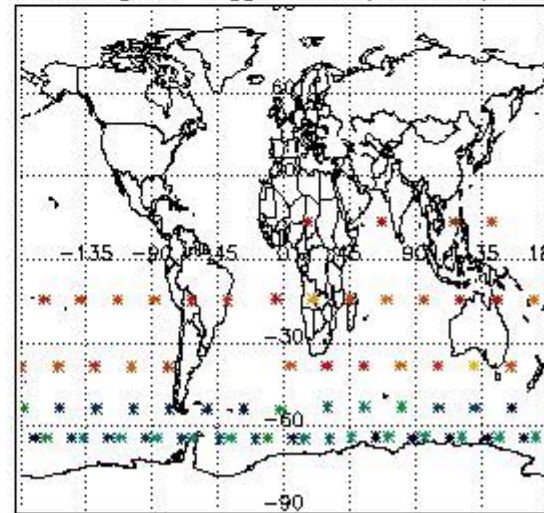
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



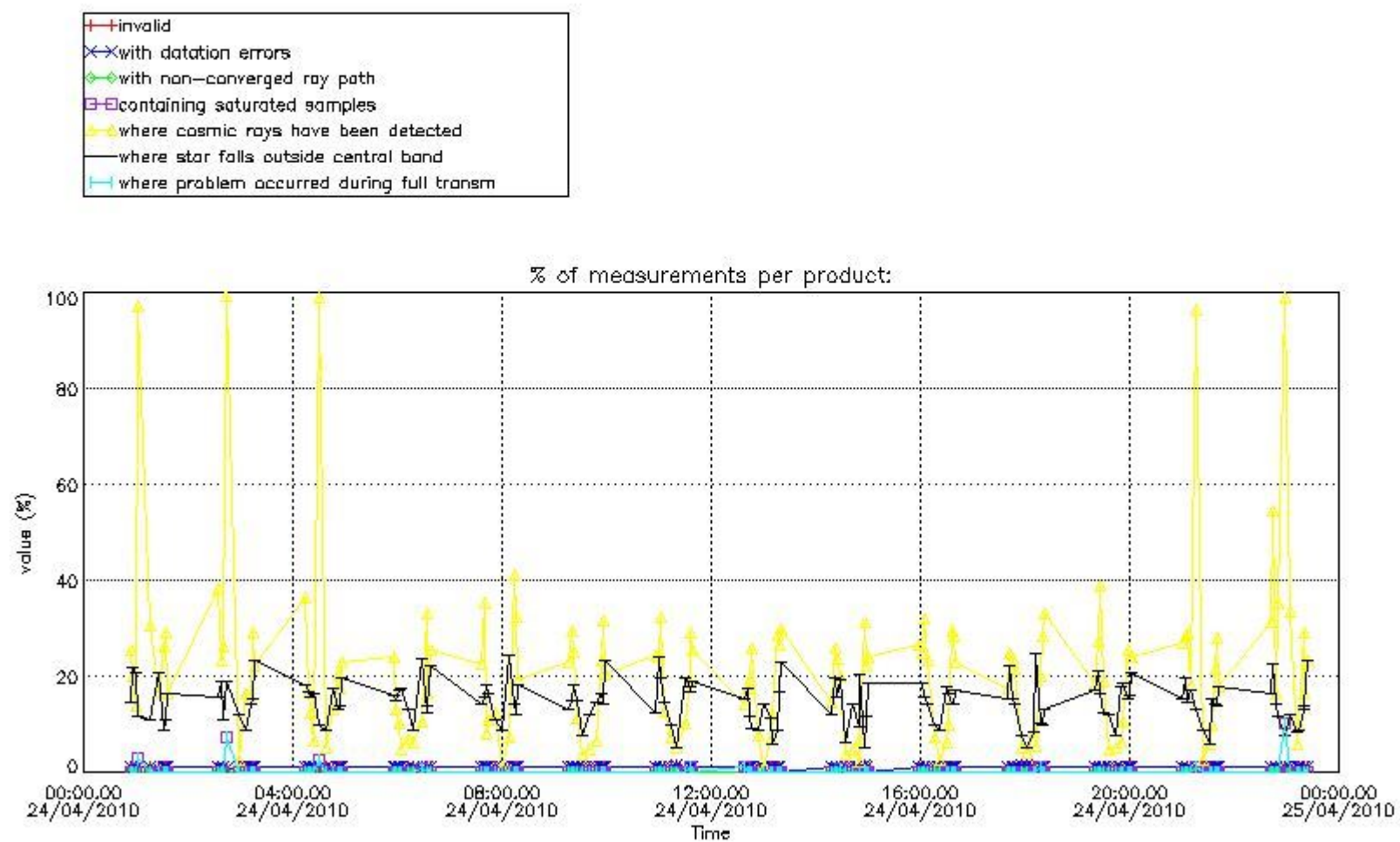
### 4. Level 1 quality information per product

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

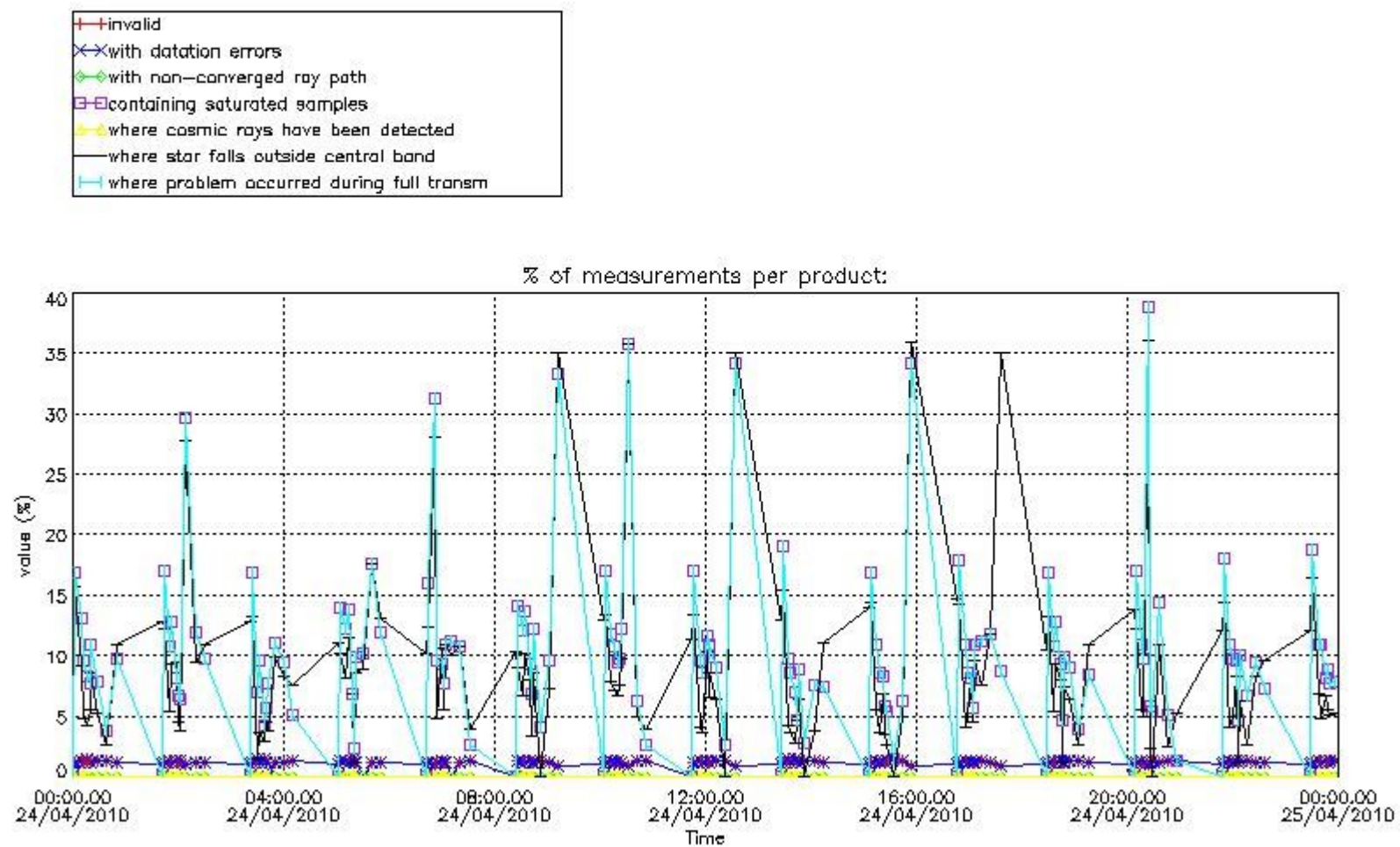
#### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





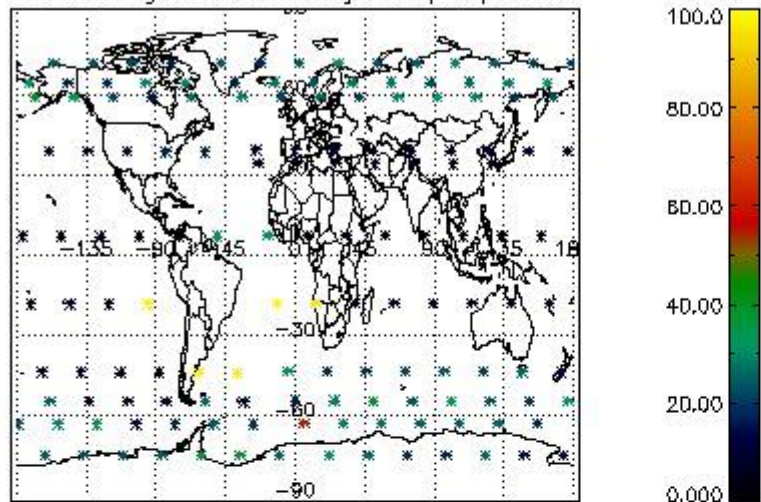
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



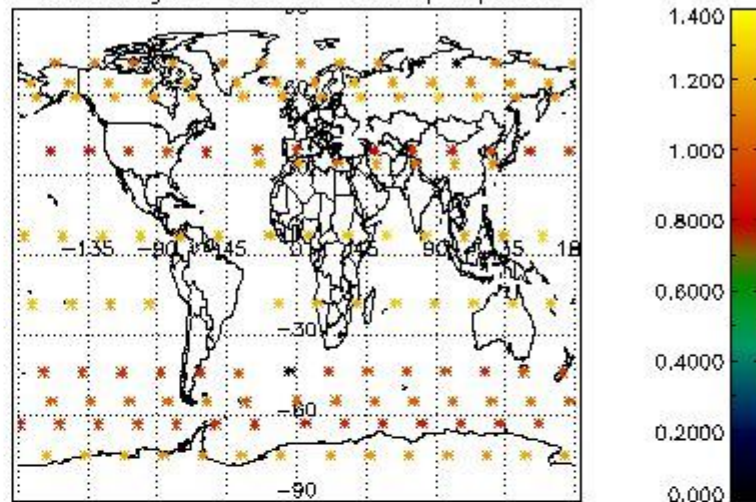
4.2 Plot quality information per product coming from level 1b processing (world map)

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

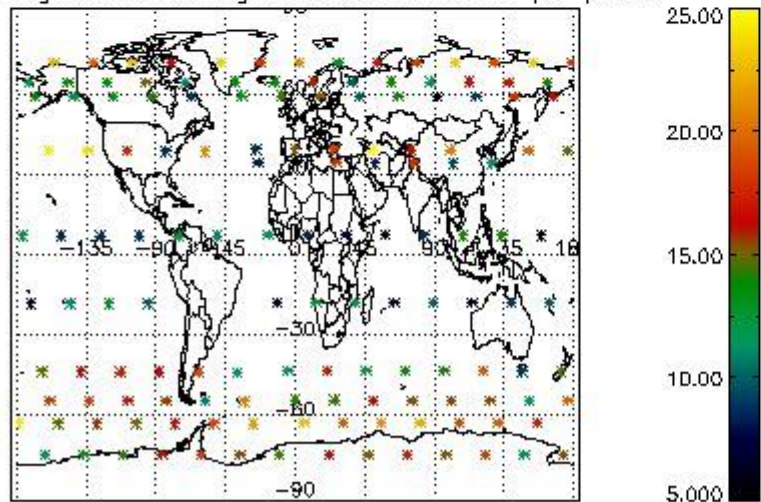
Percentage of cosmic ray hits per profile



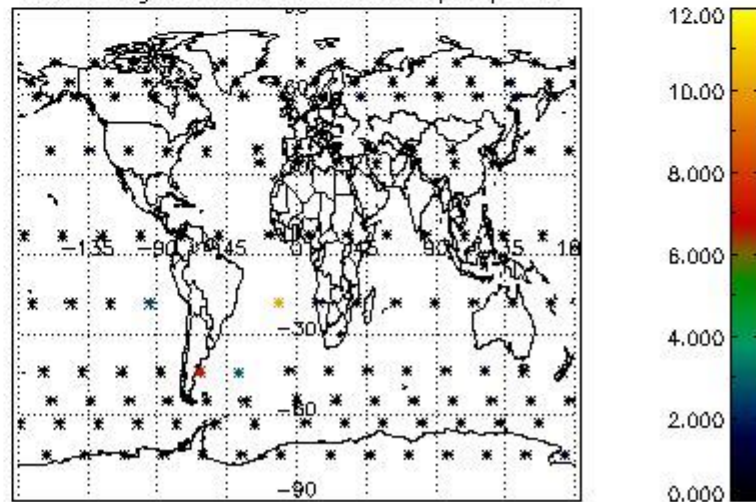
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

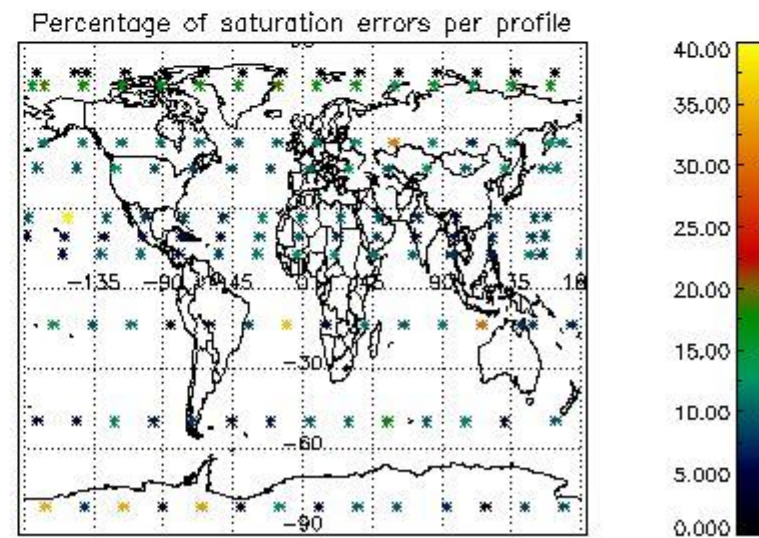
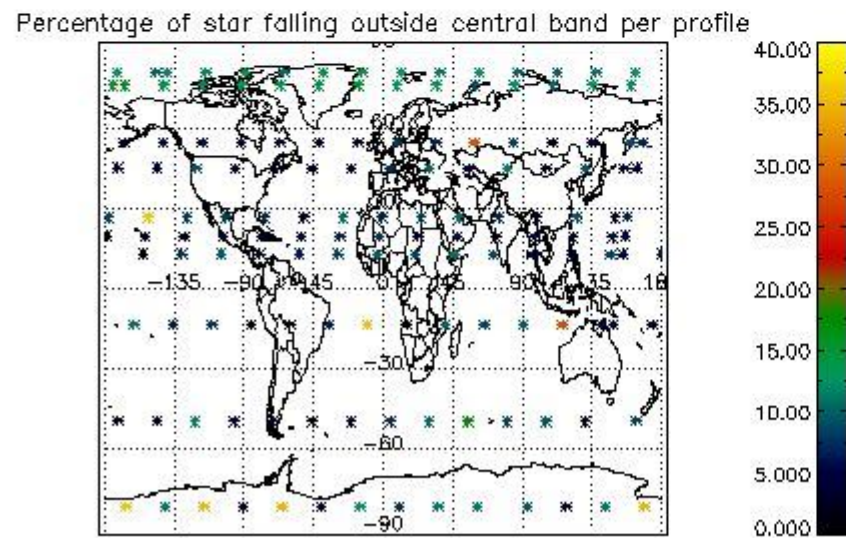
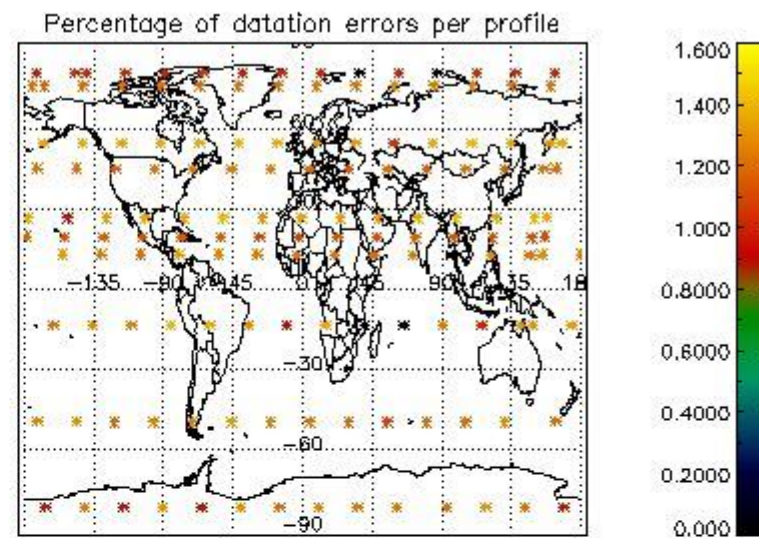
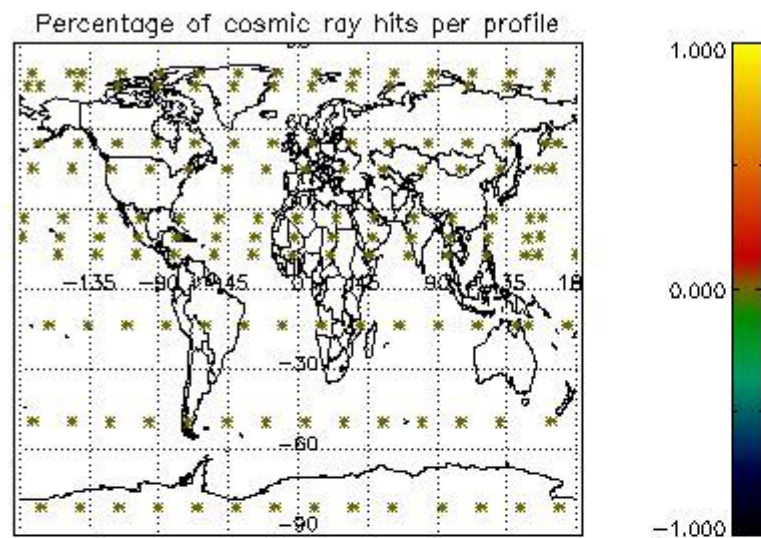


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

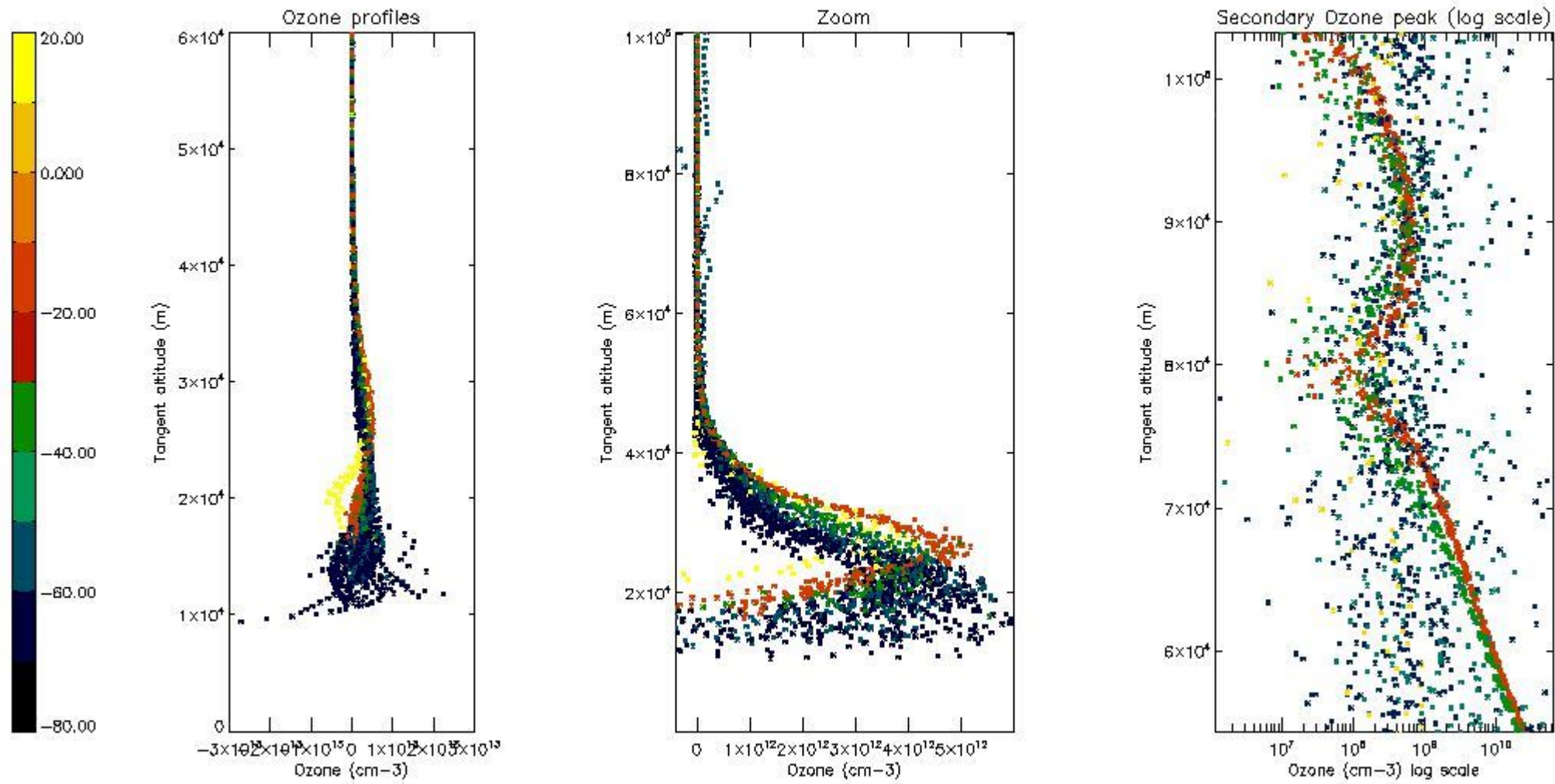
Criteria	% of total production
All STD	27
STD < 20	9



STD < 10	5
STD < 5	2

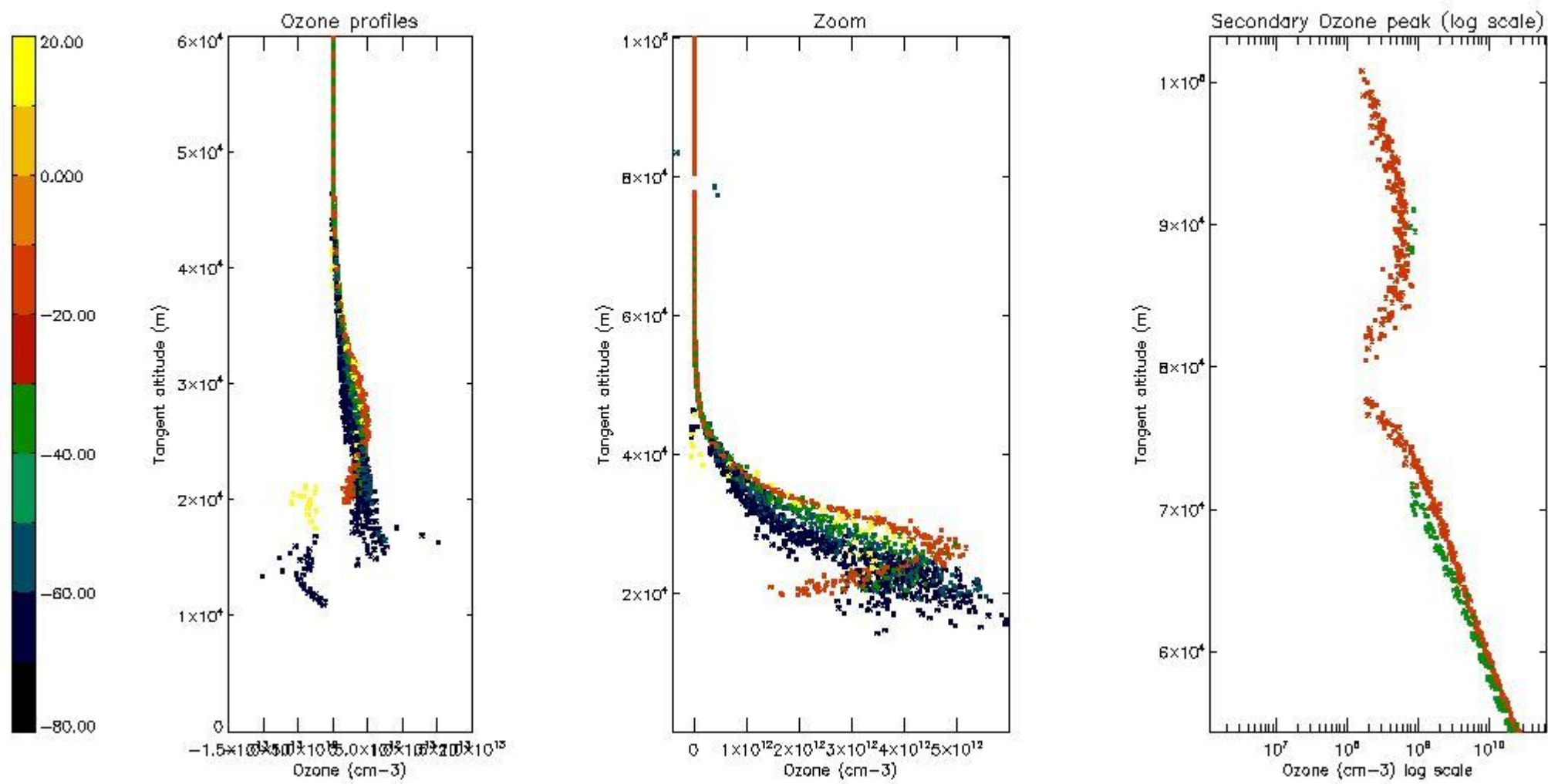
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



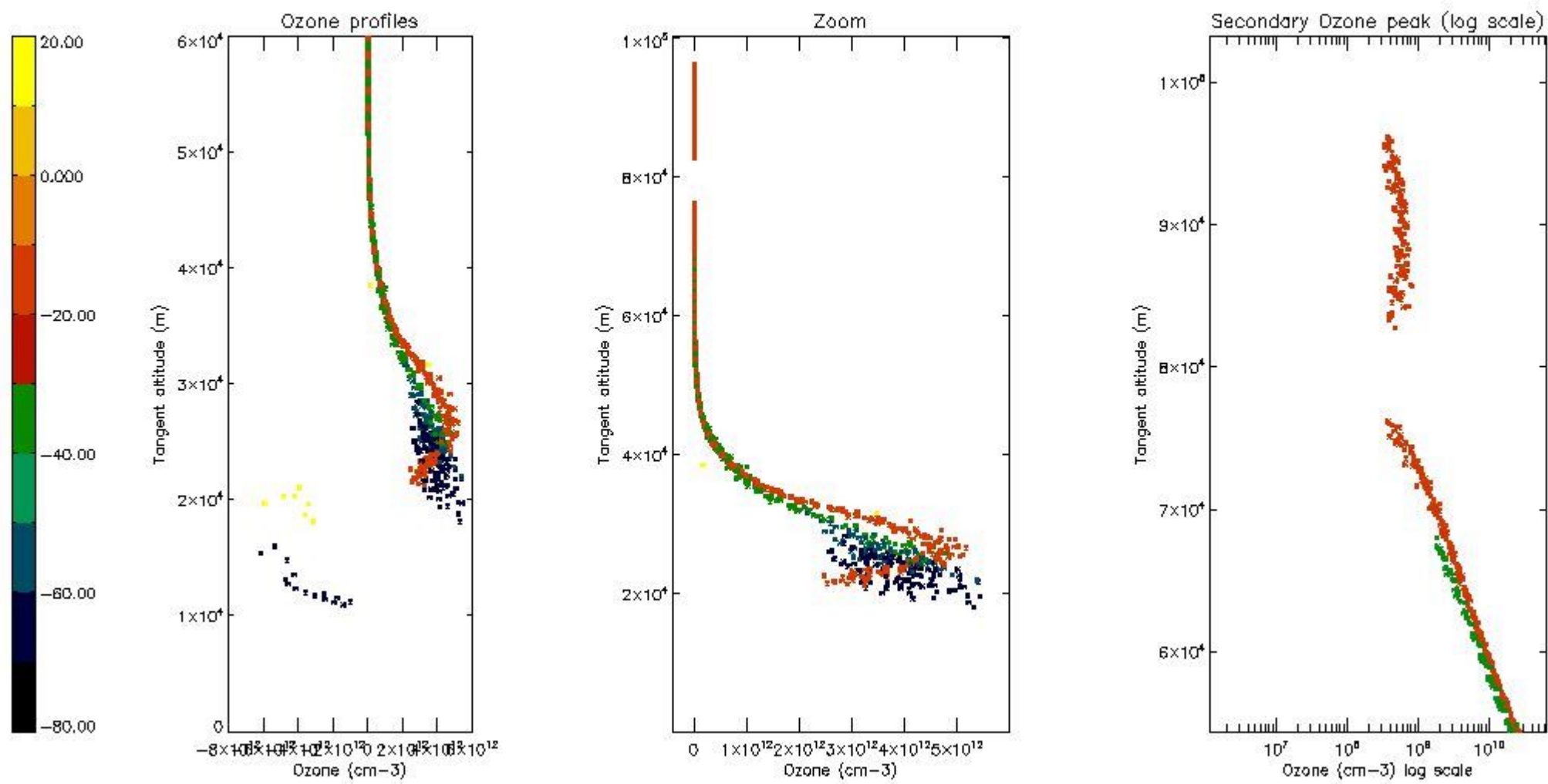
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

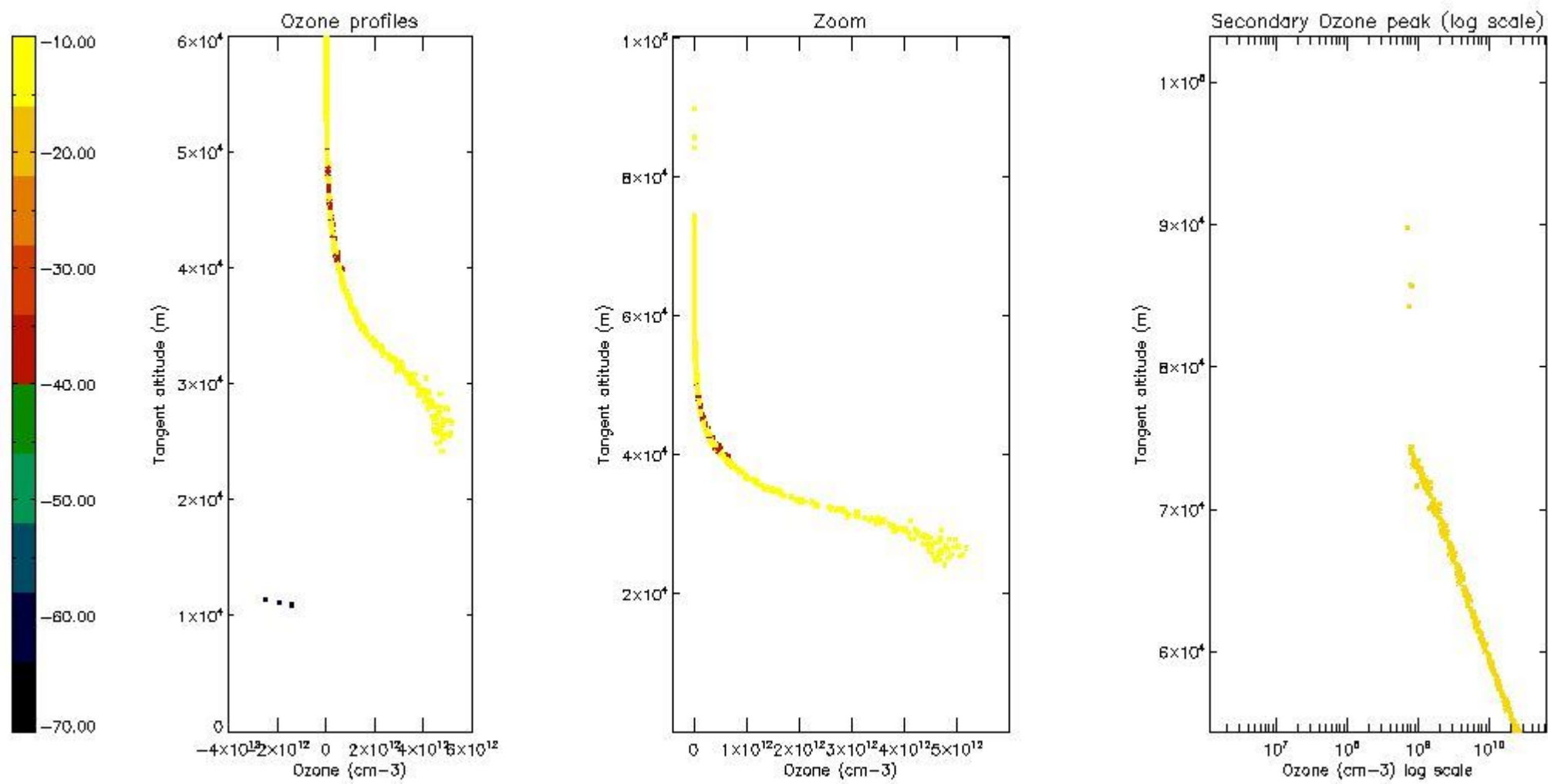
The colorbar represents the latitude.



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

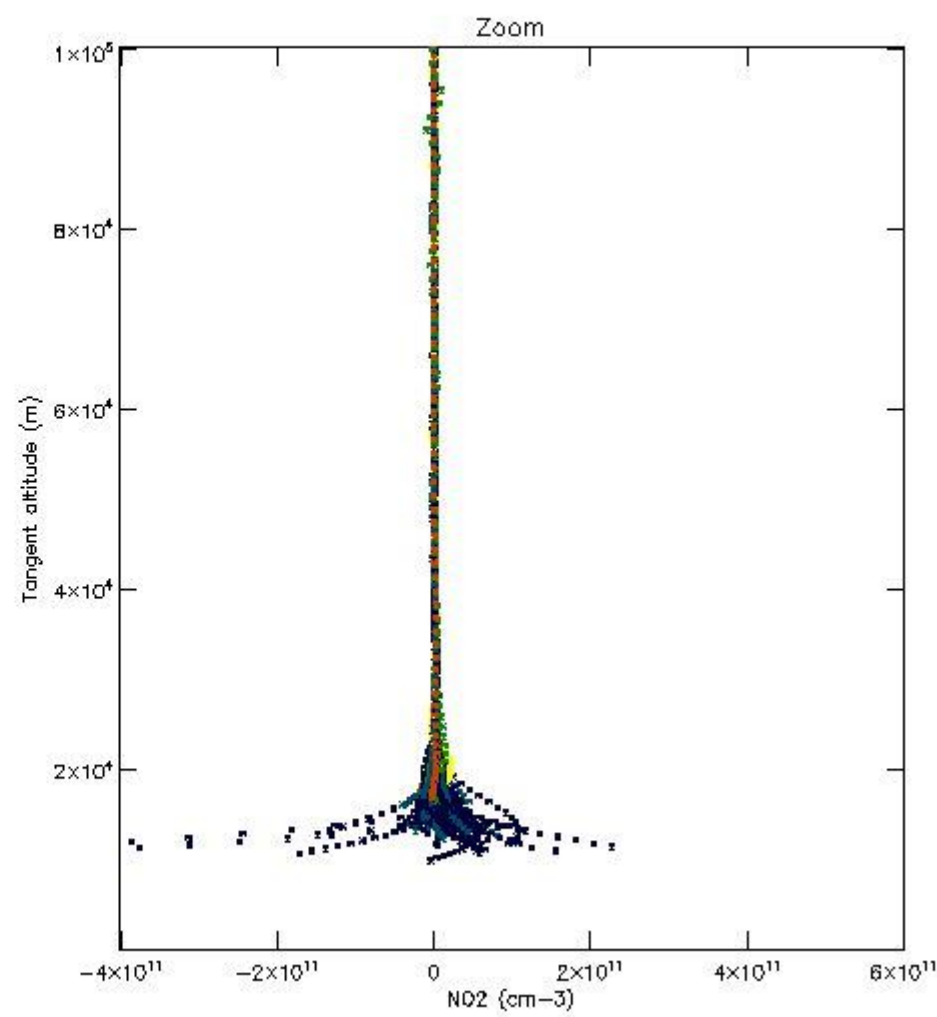
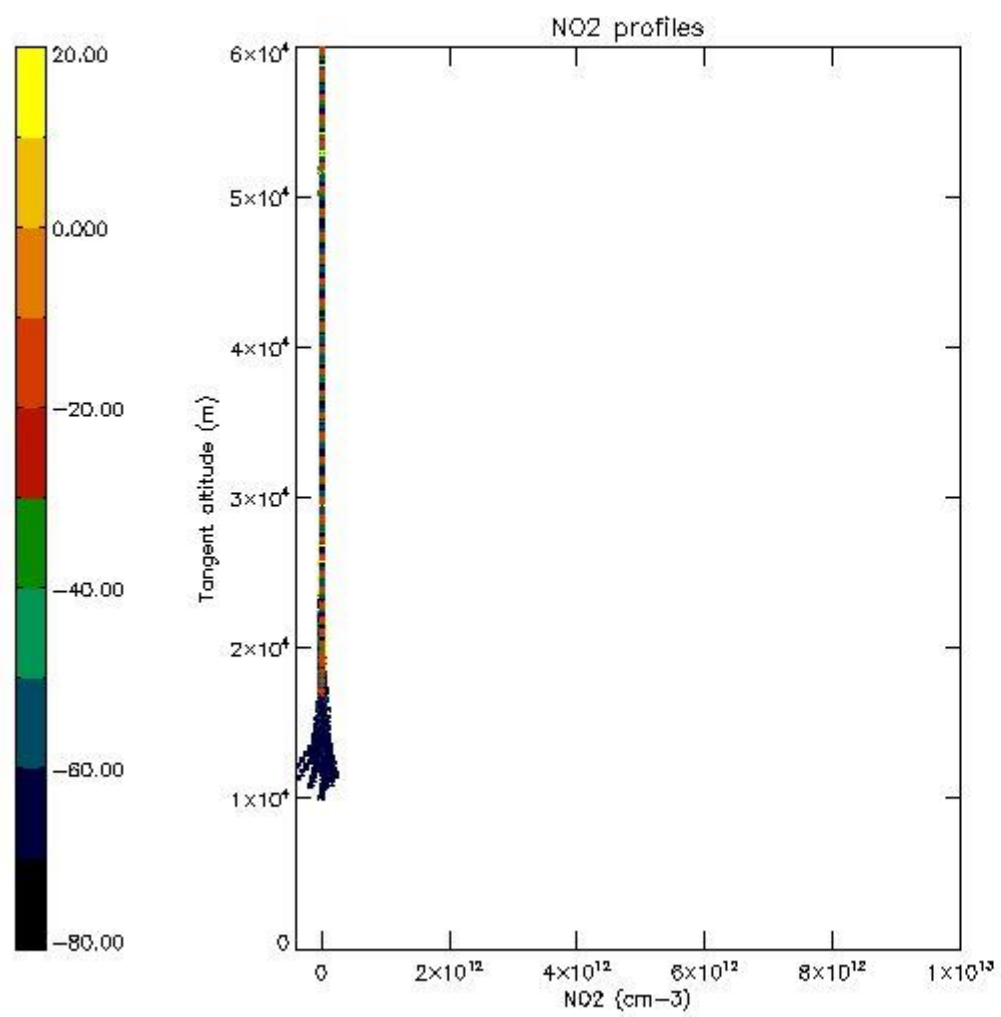
The colorbar represents the latitude.





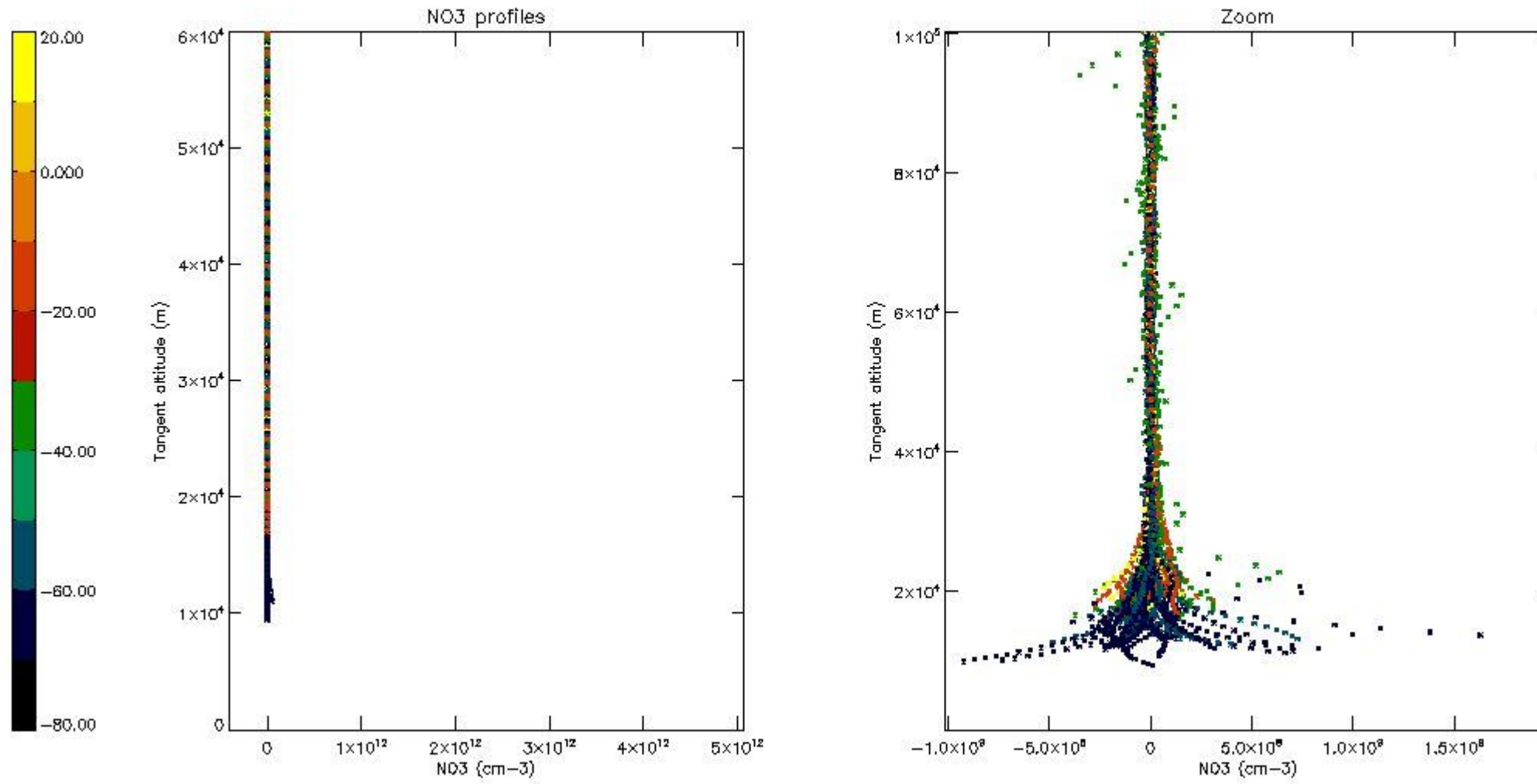
5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.

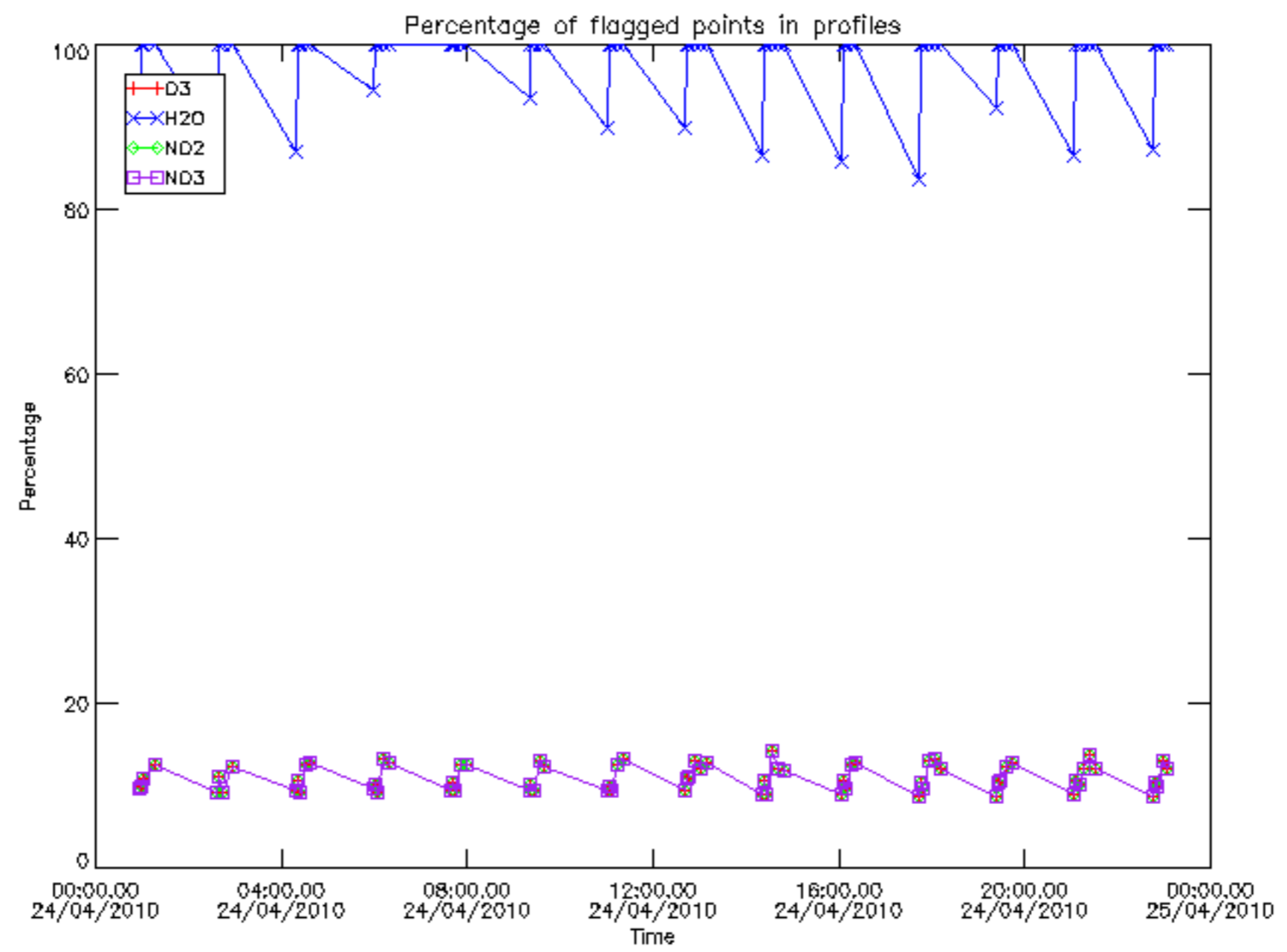


## 6. Auxiliary Data Files used for the production reported in section 2

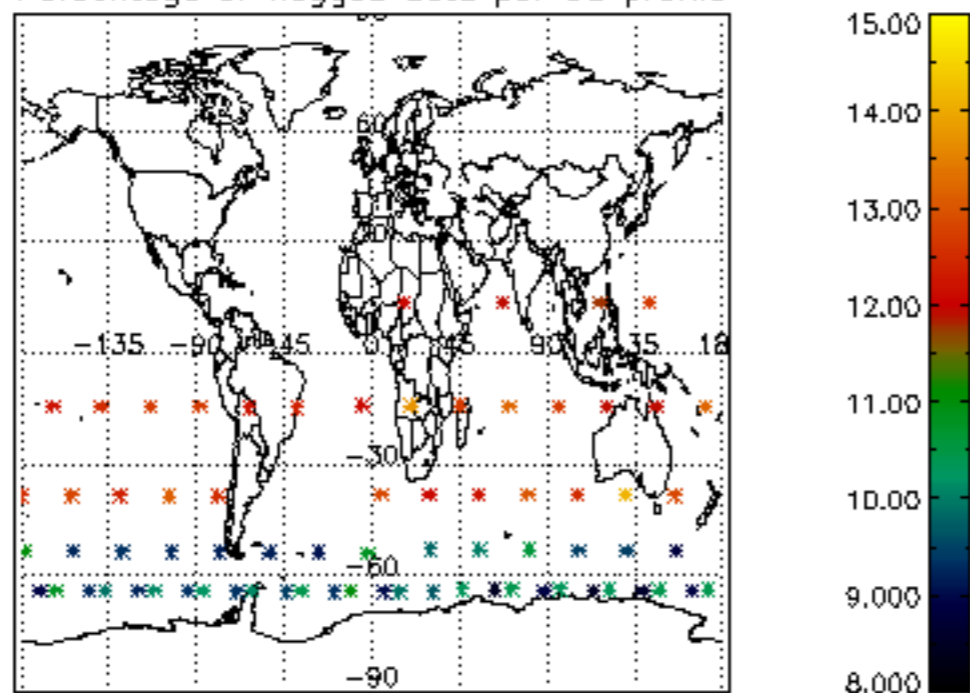
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-APR-2010 00:00:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-APR-2010 00:00:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-APR-2010 00:00:29

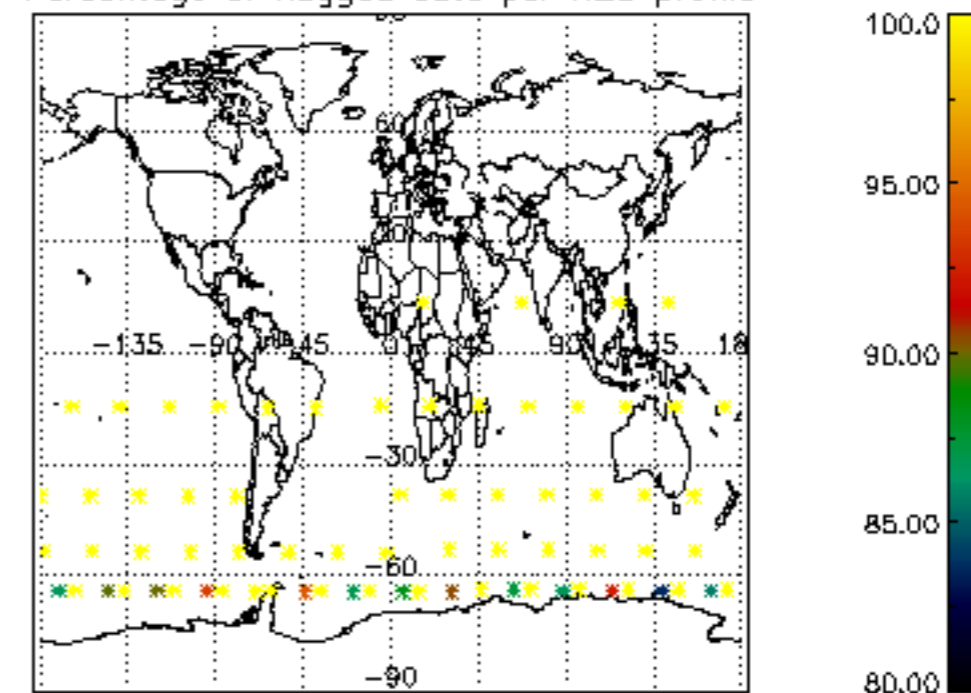




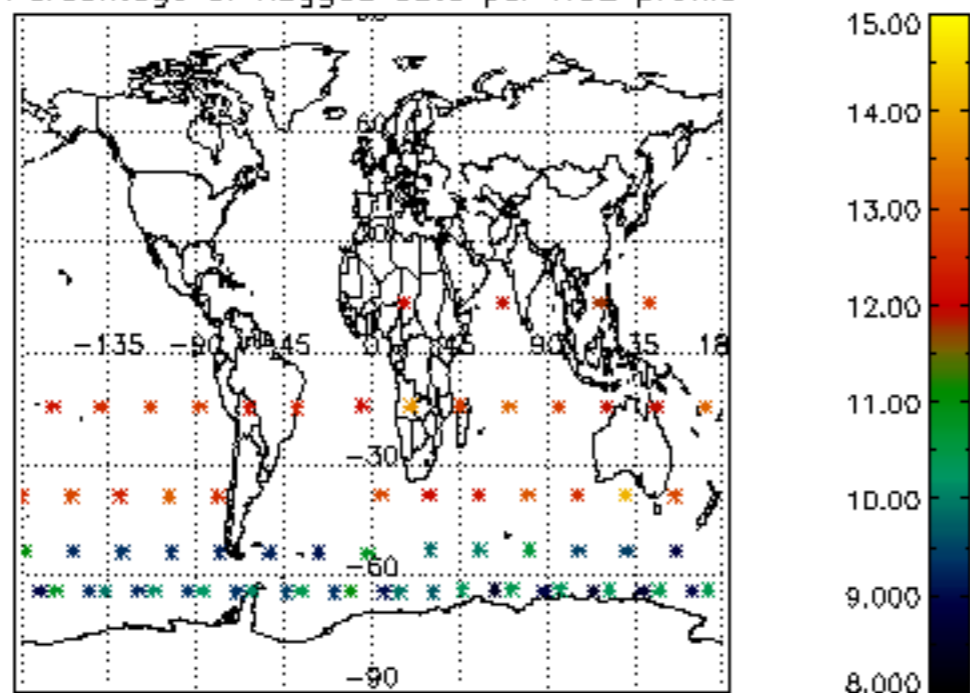
Percentage of flagged data per D3 profile



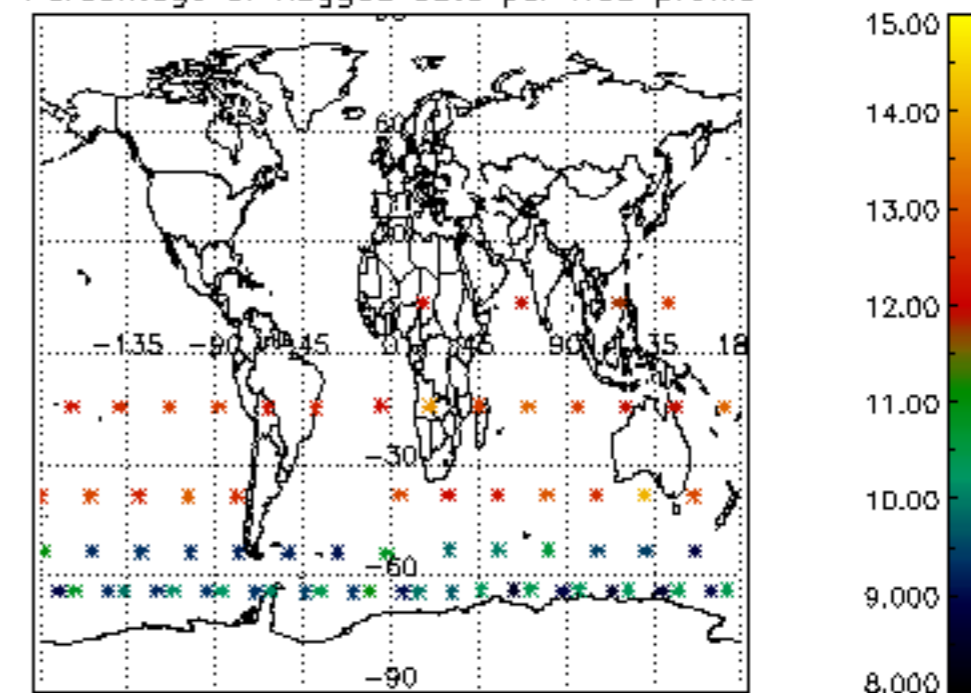
Percentage of flagged data per H2O profile

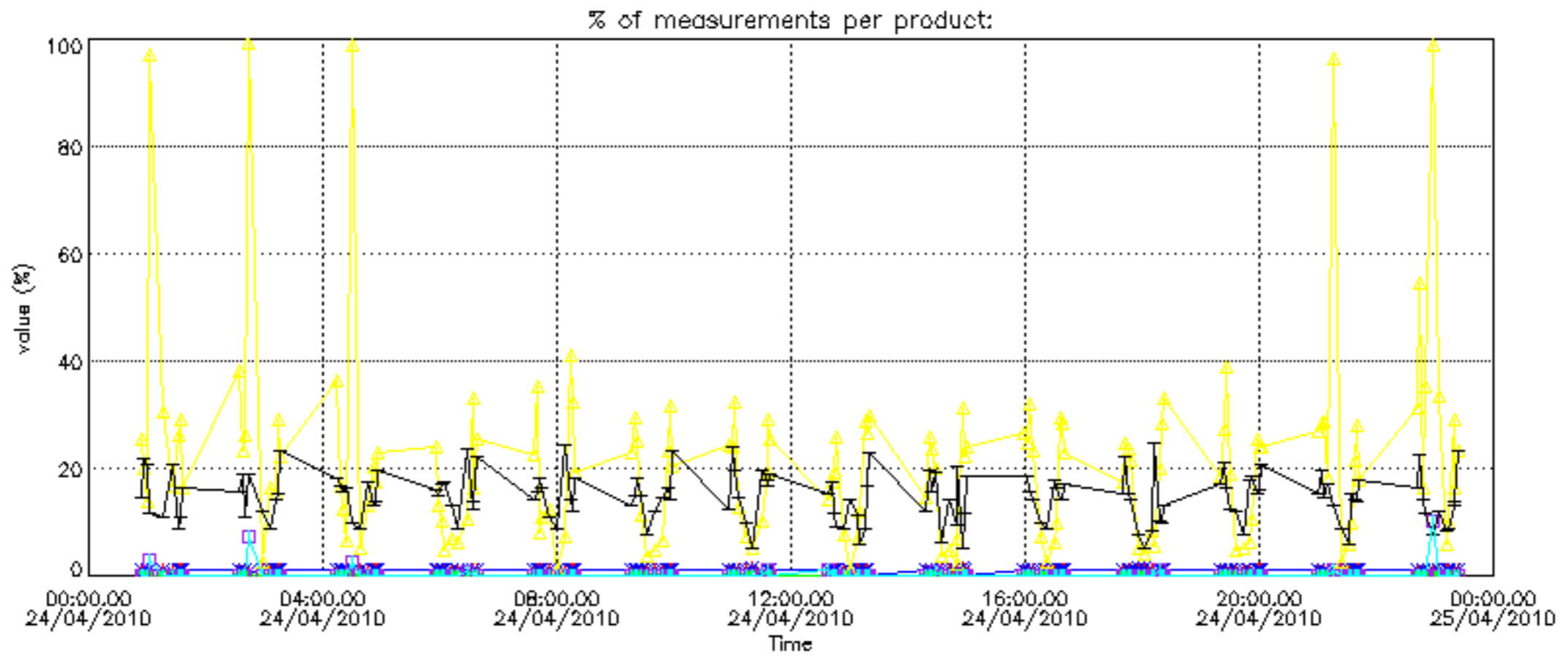


Percentage of flagged data per NO2 profile

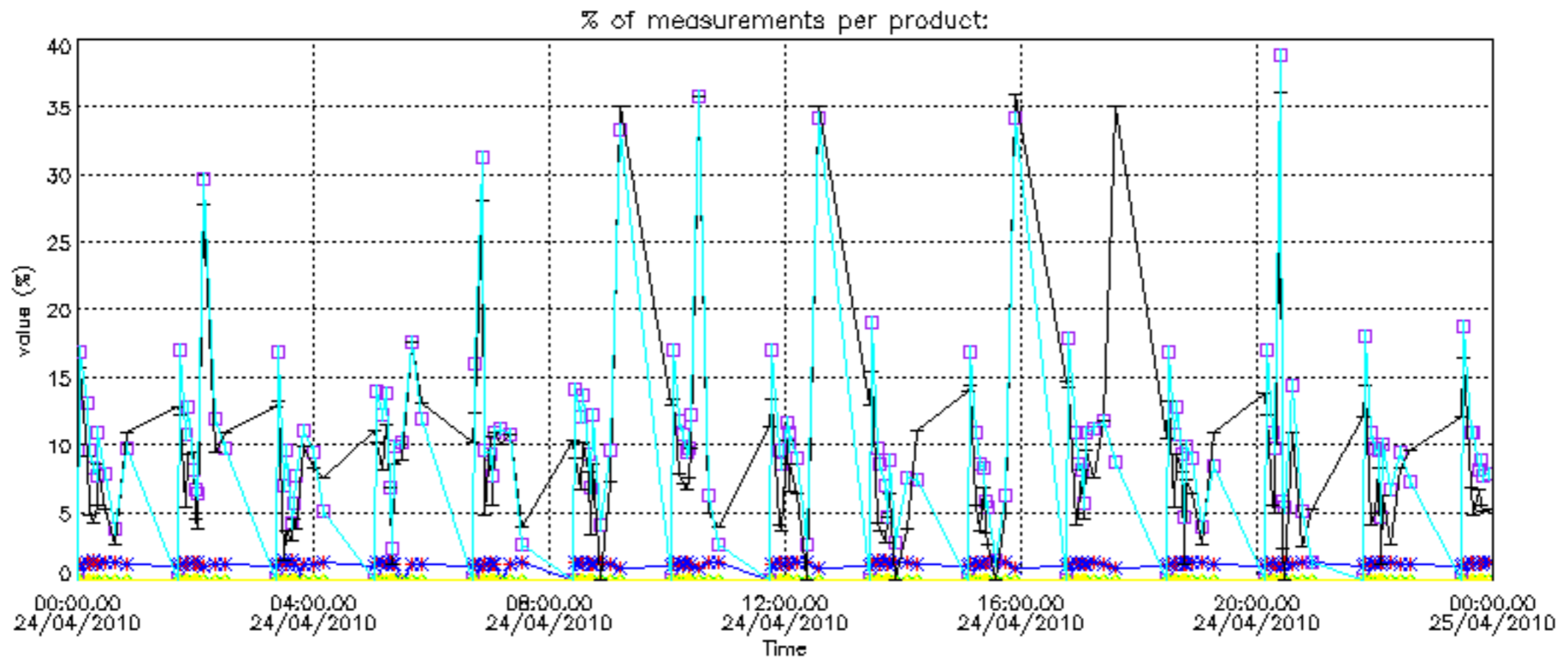


Percentage of flagged data per NO3 profile

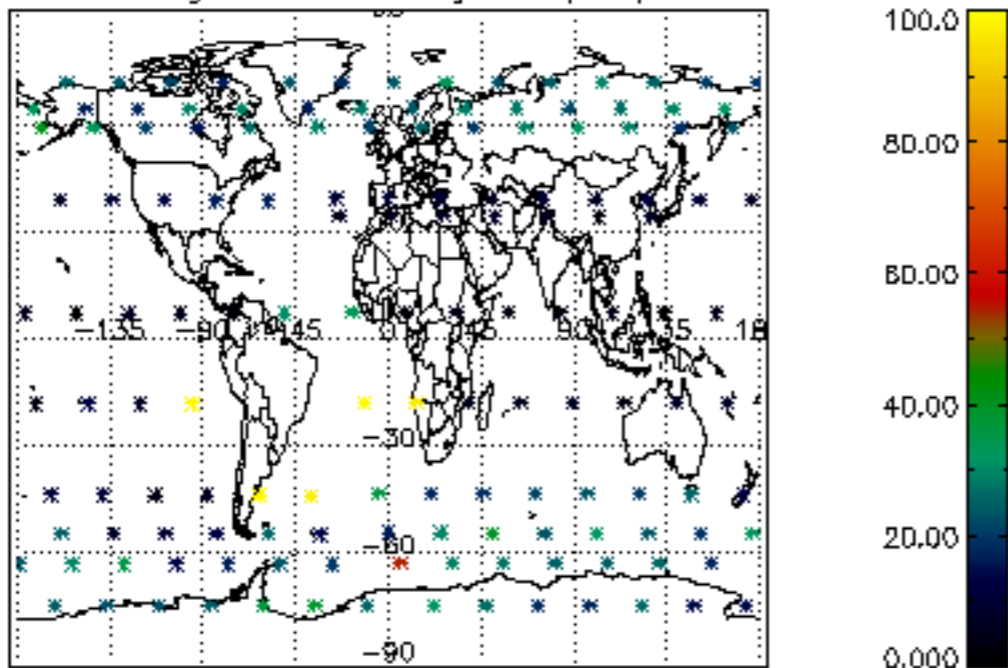




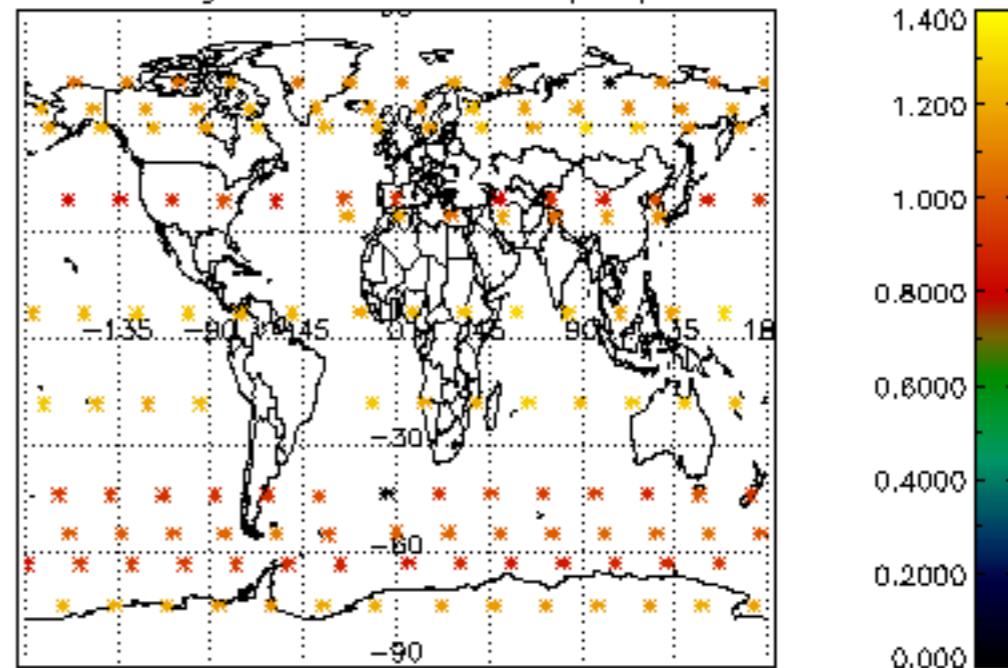




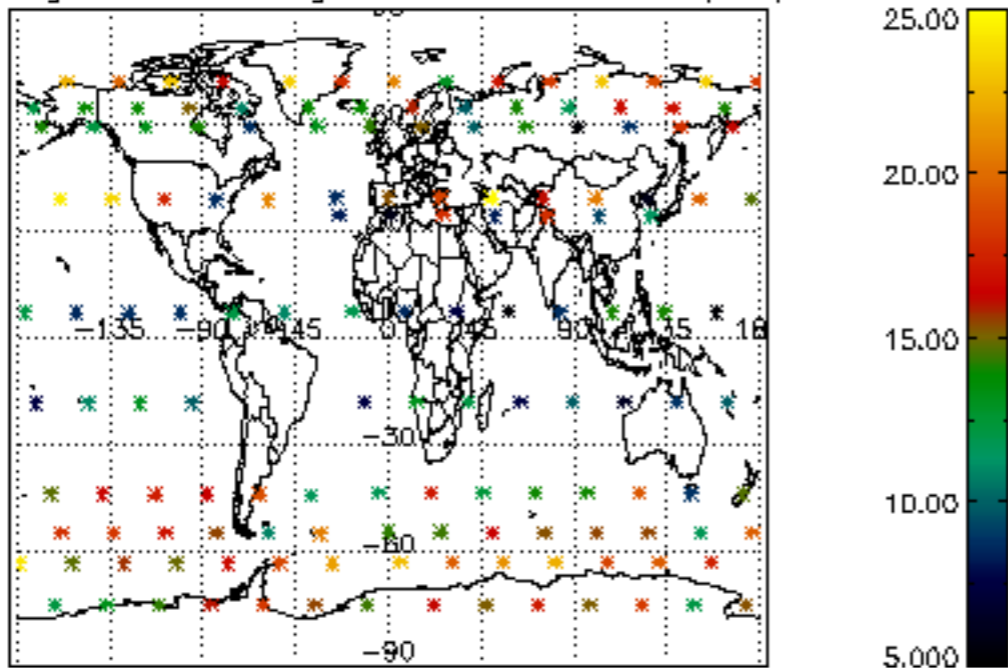
Percentage of cosmic ray hits per profile



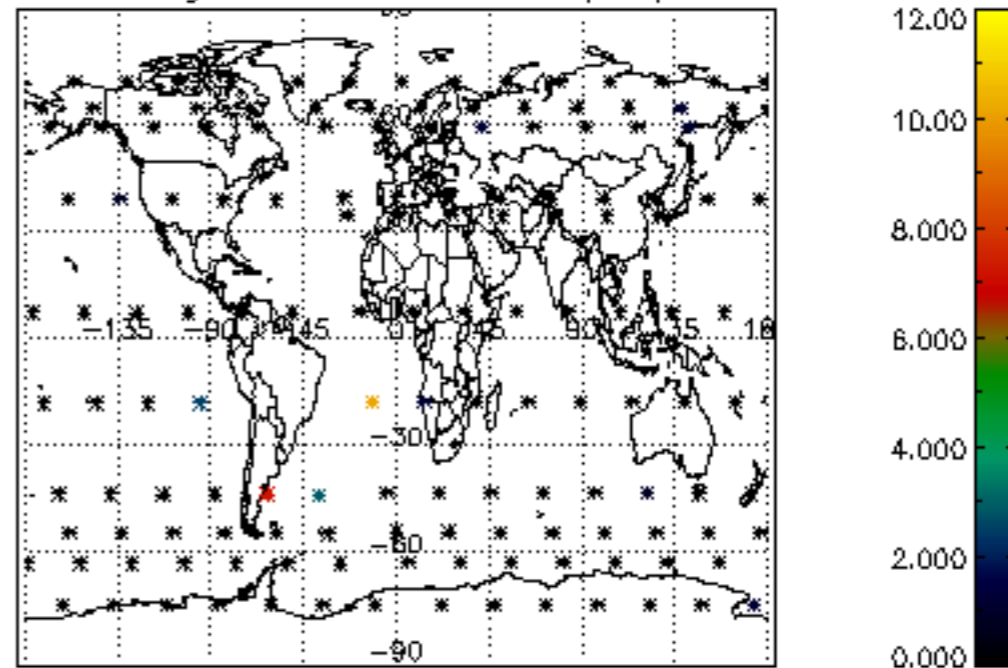
Percentage of datation errors per profile



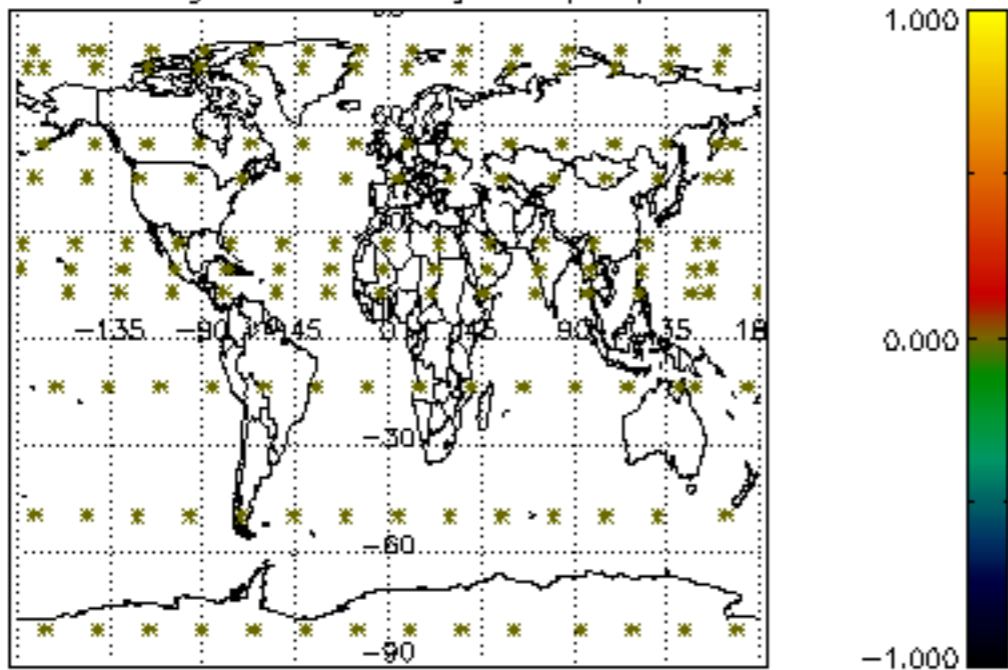
Percentage of star falling outside central band per profile



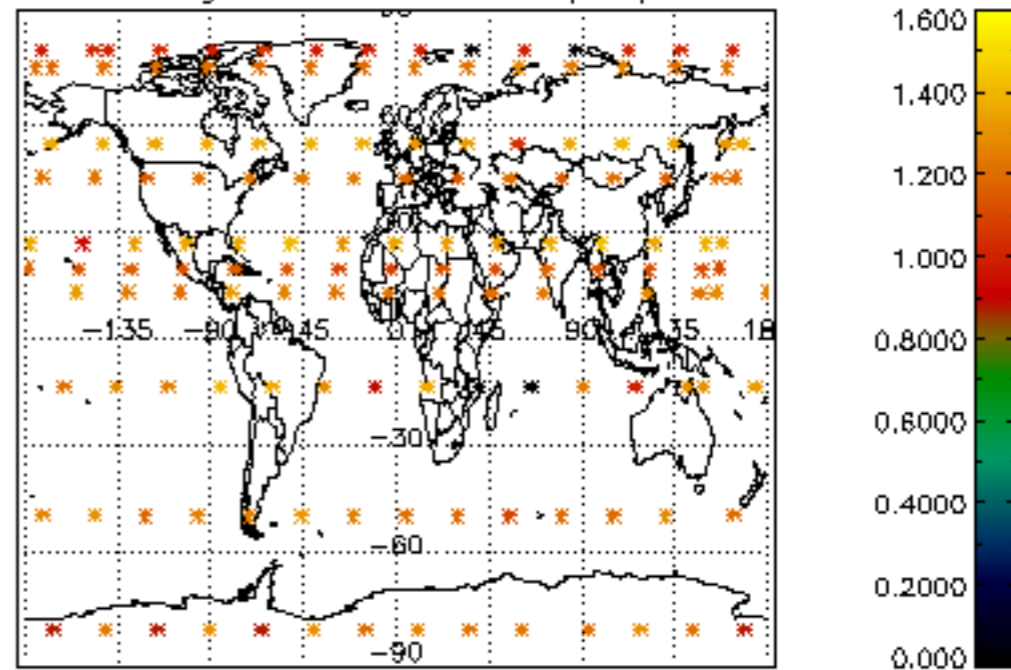
Percentage of saturation errors per profile



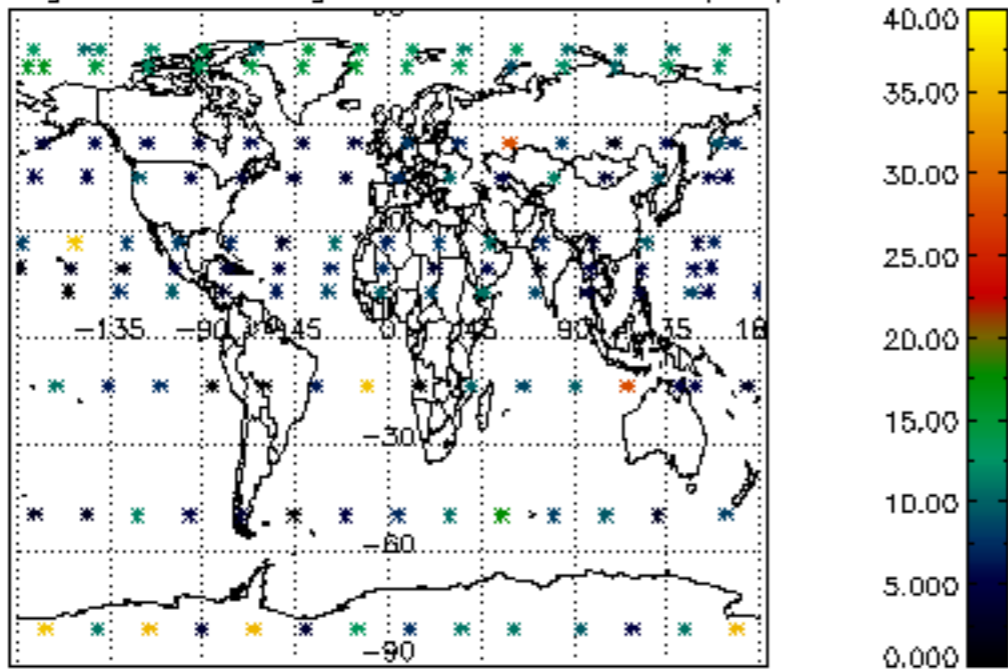
Percentage of cosmic ray hits per profile



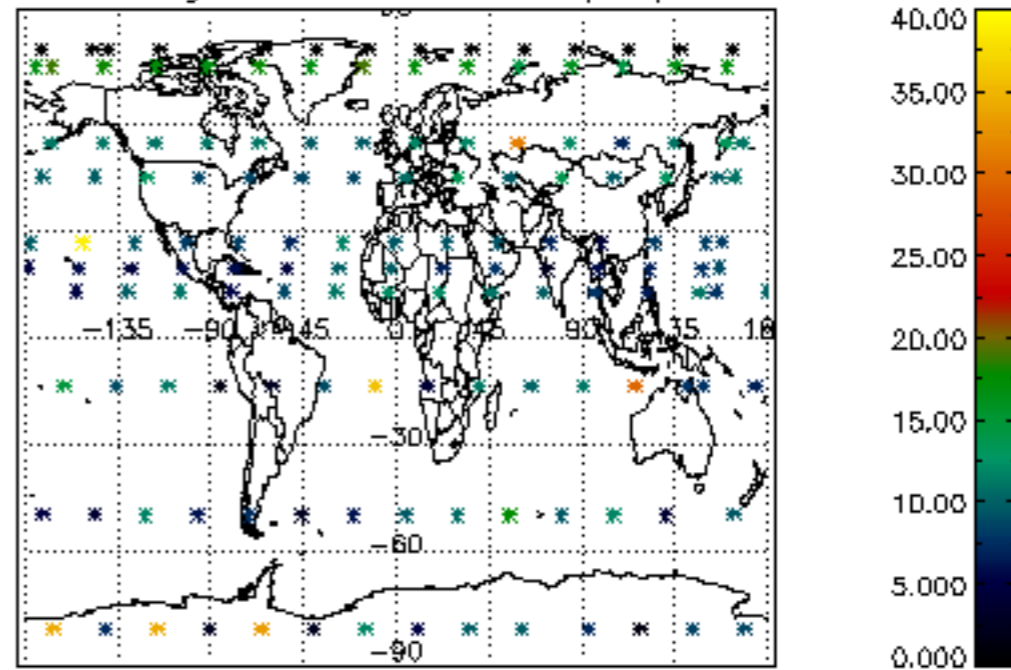
Percentage of datation errors per profile



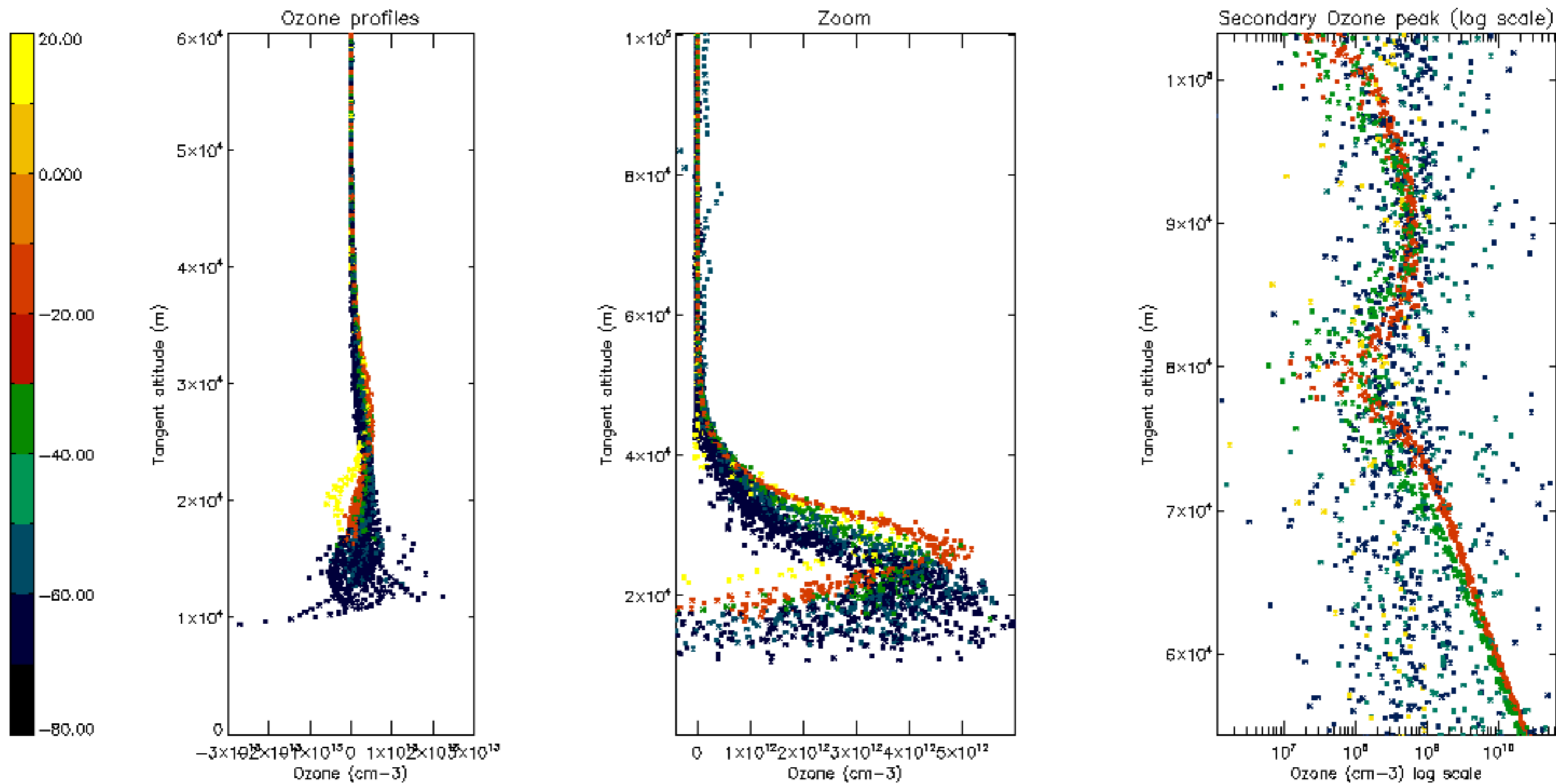
Percentage of star falling outside central band per profile

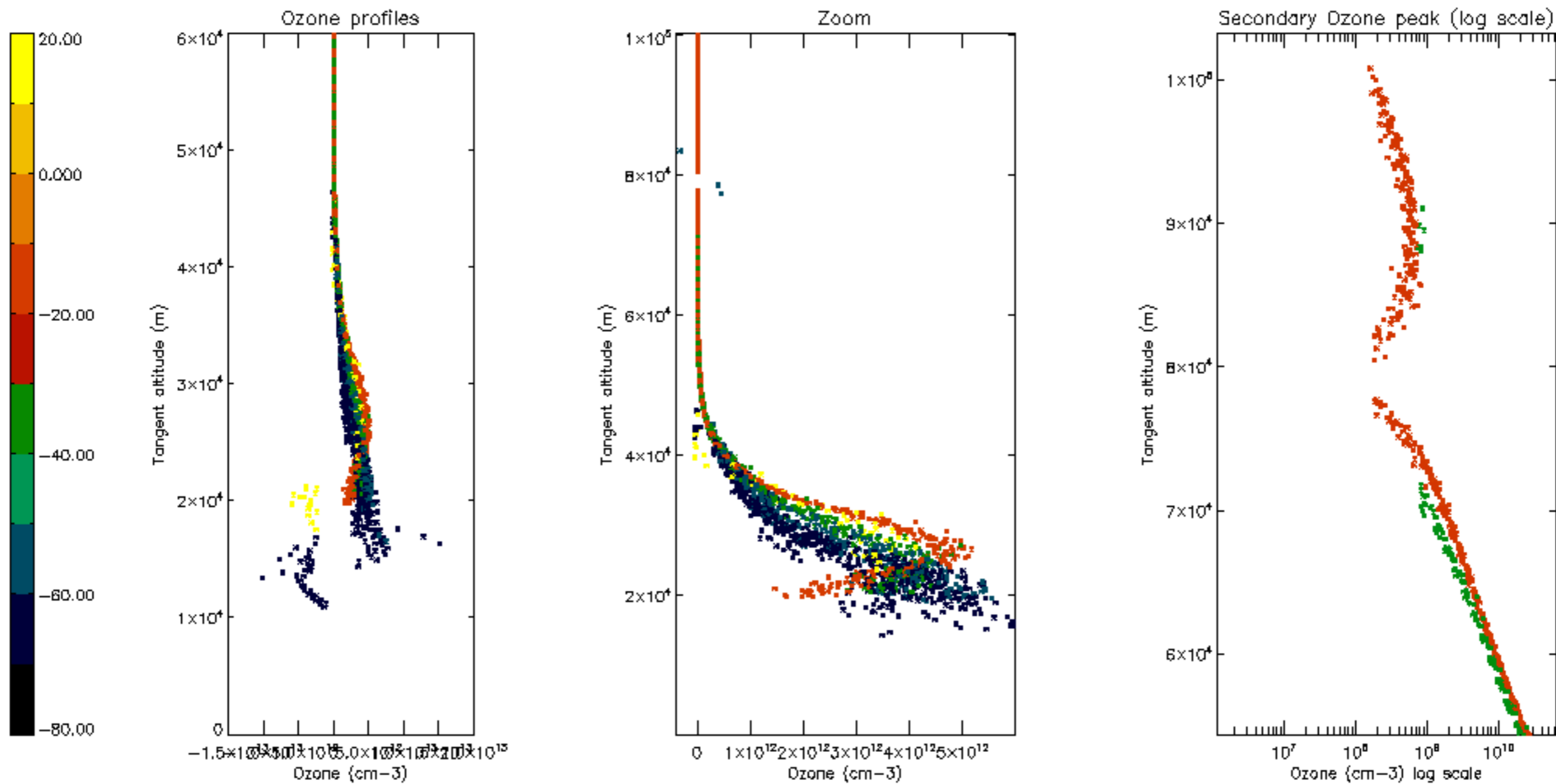


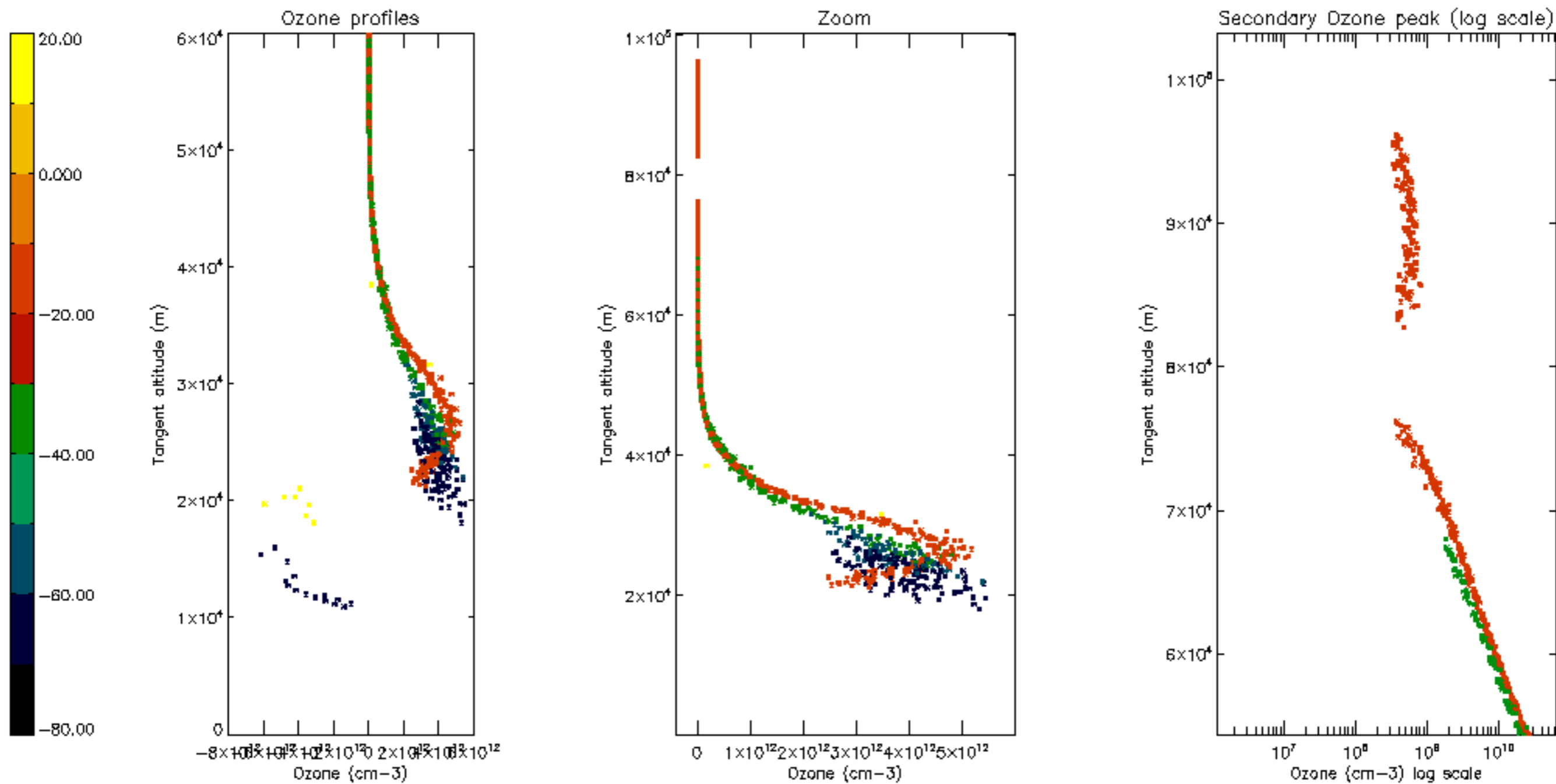
Percentage of saturation errors per profile

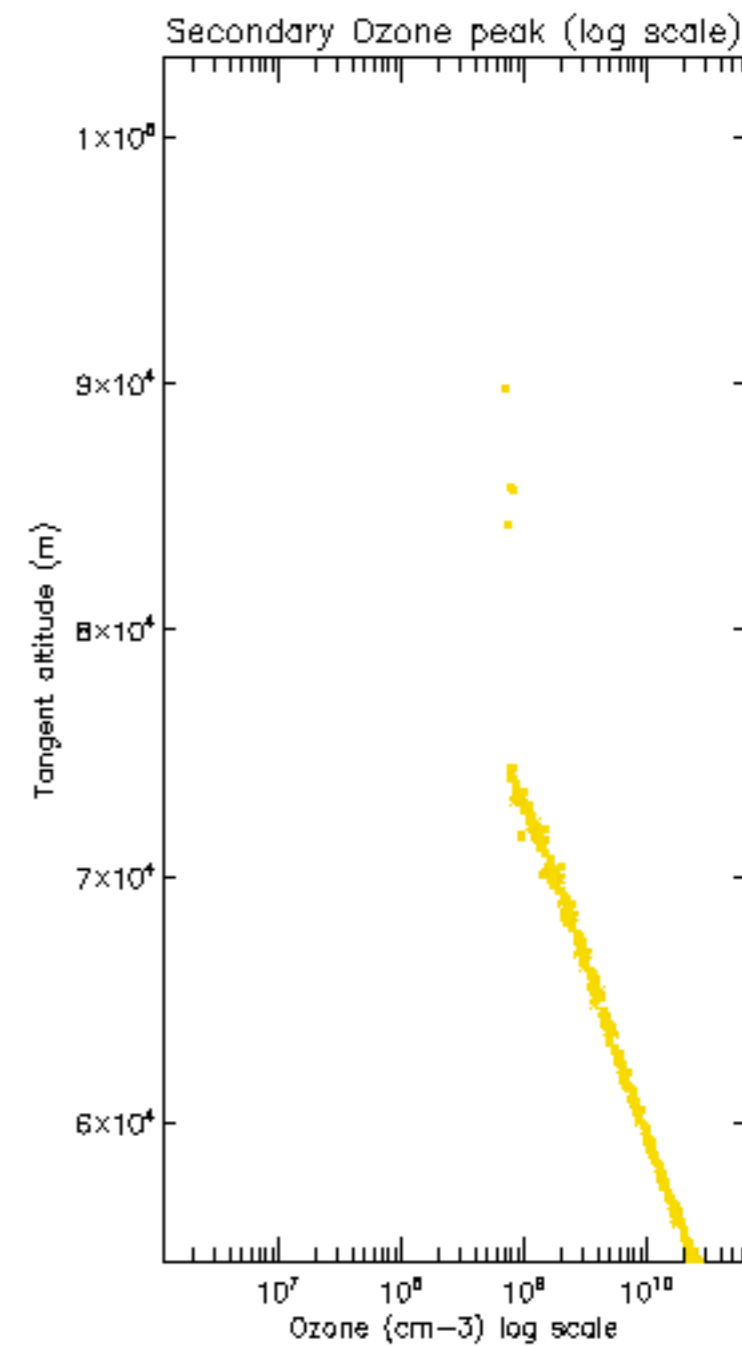
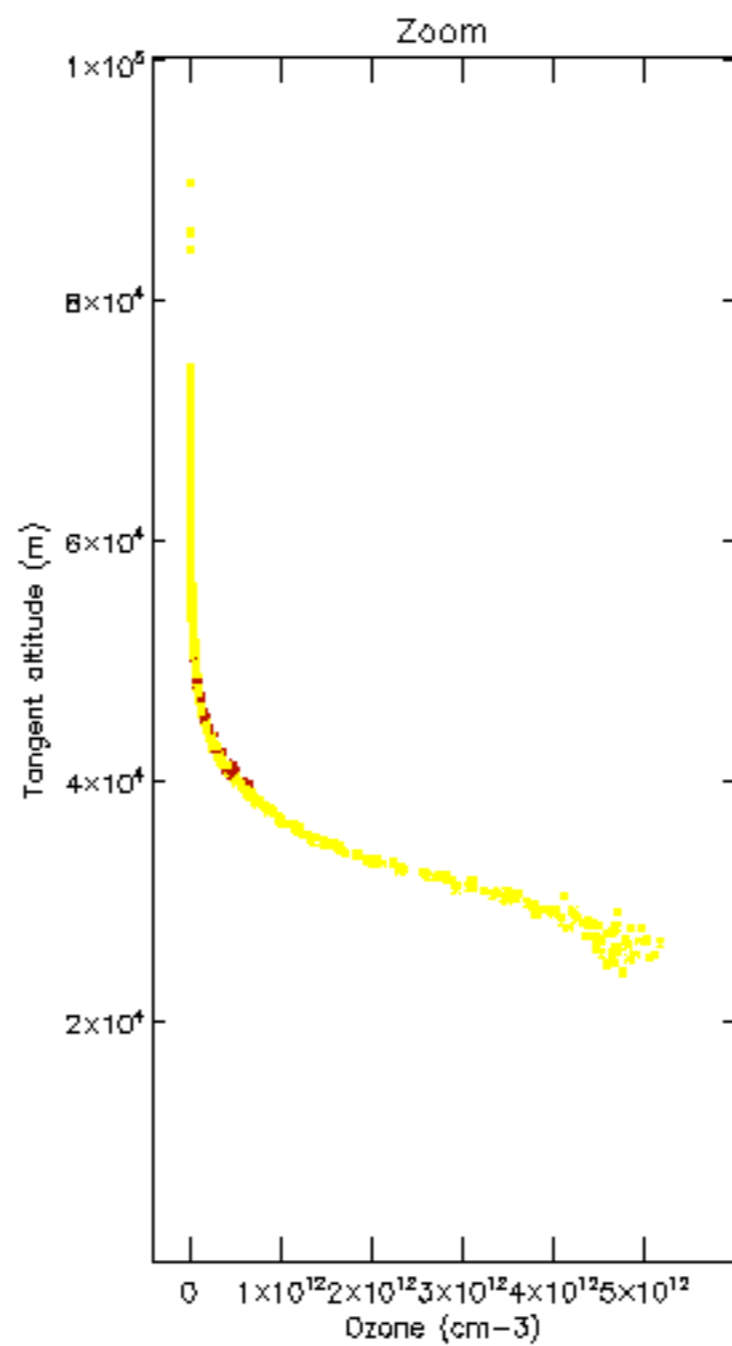
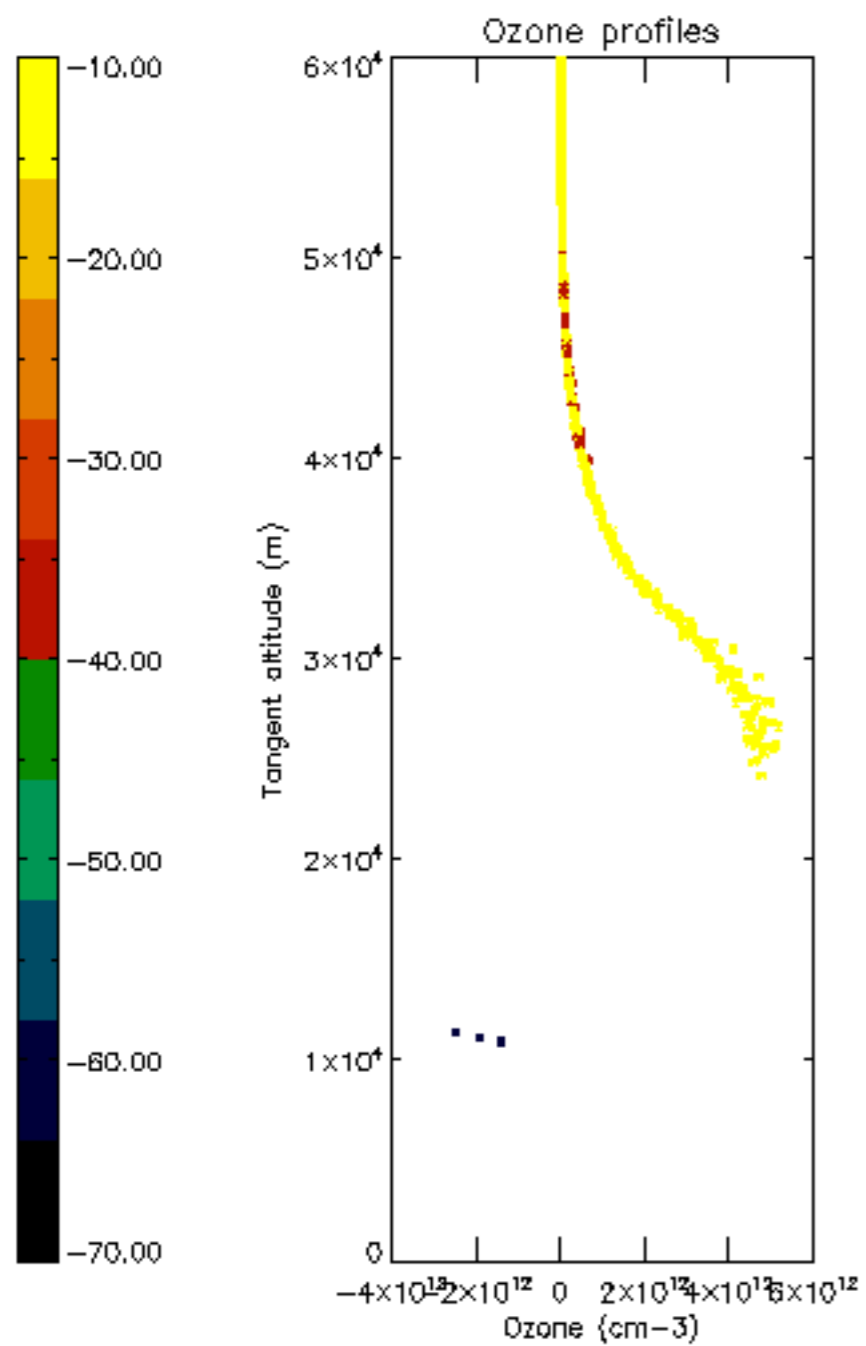




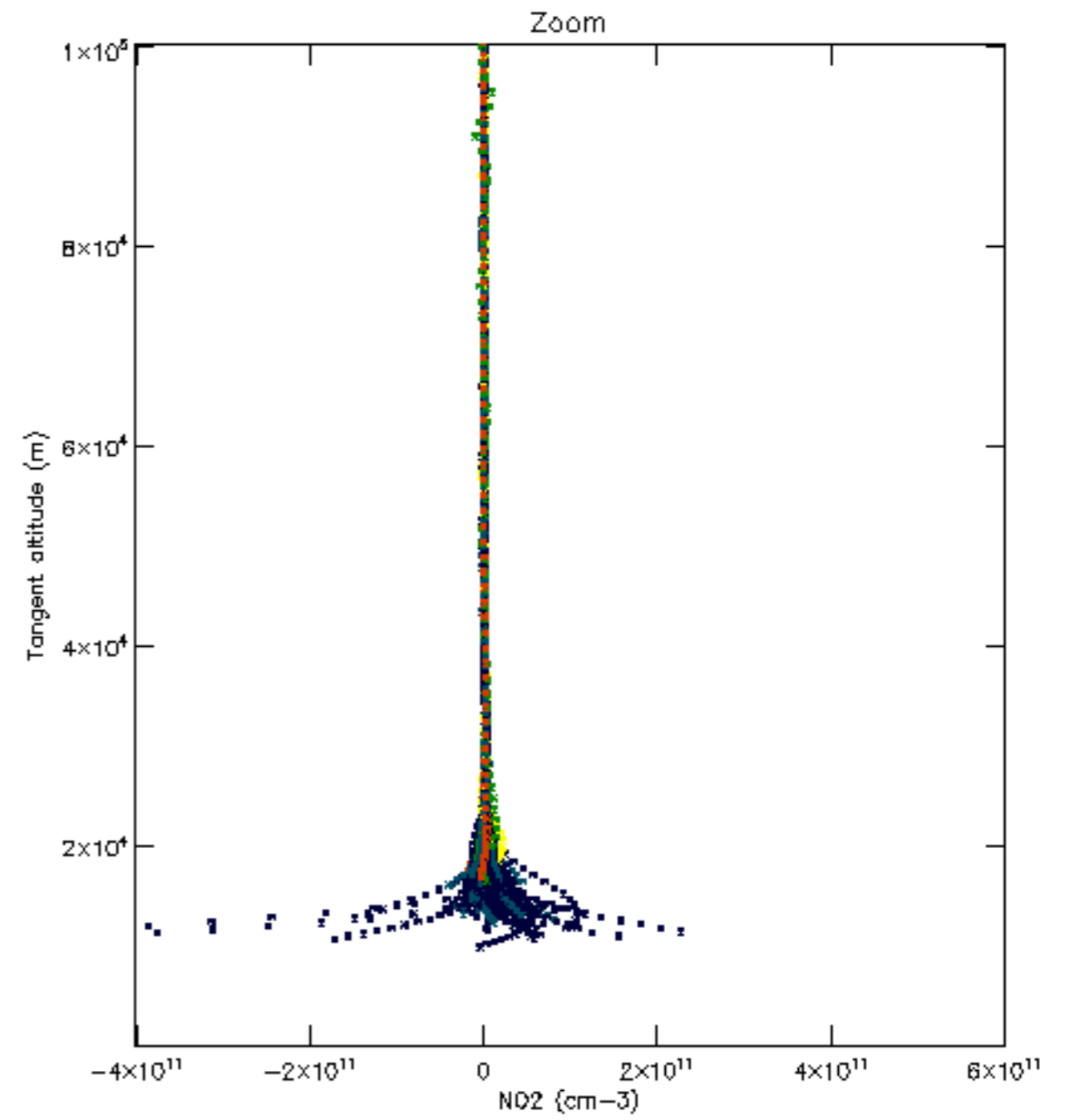
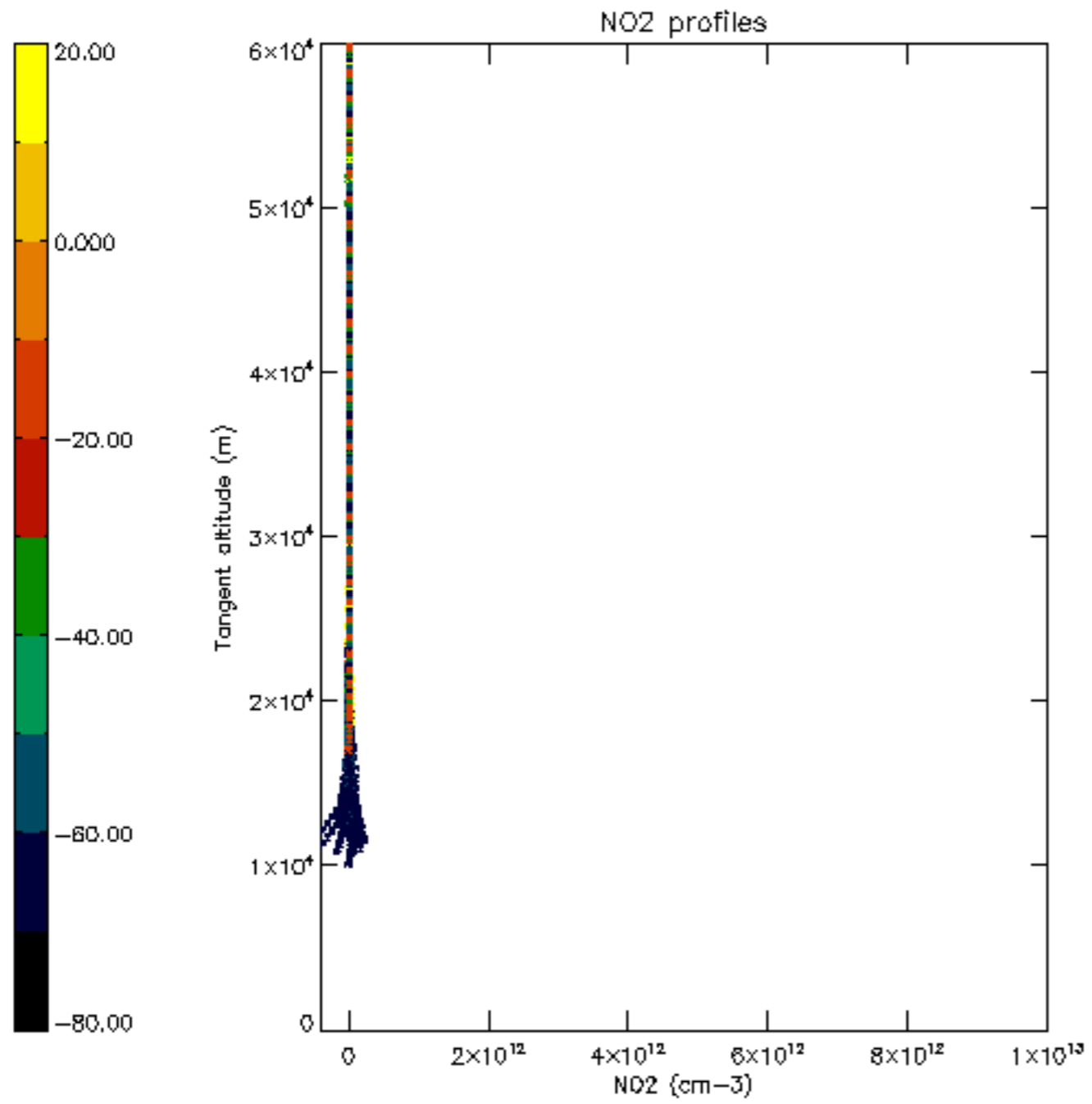


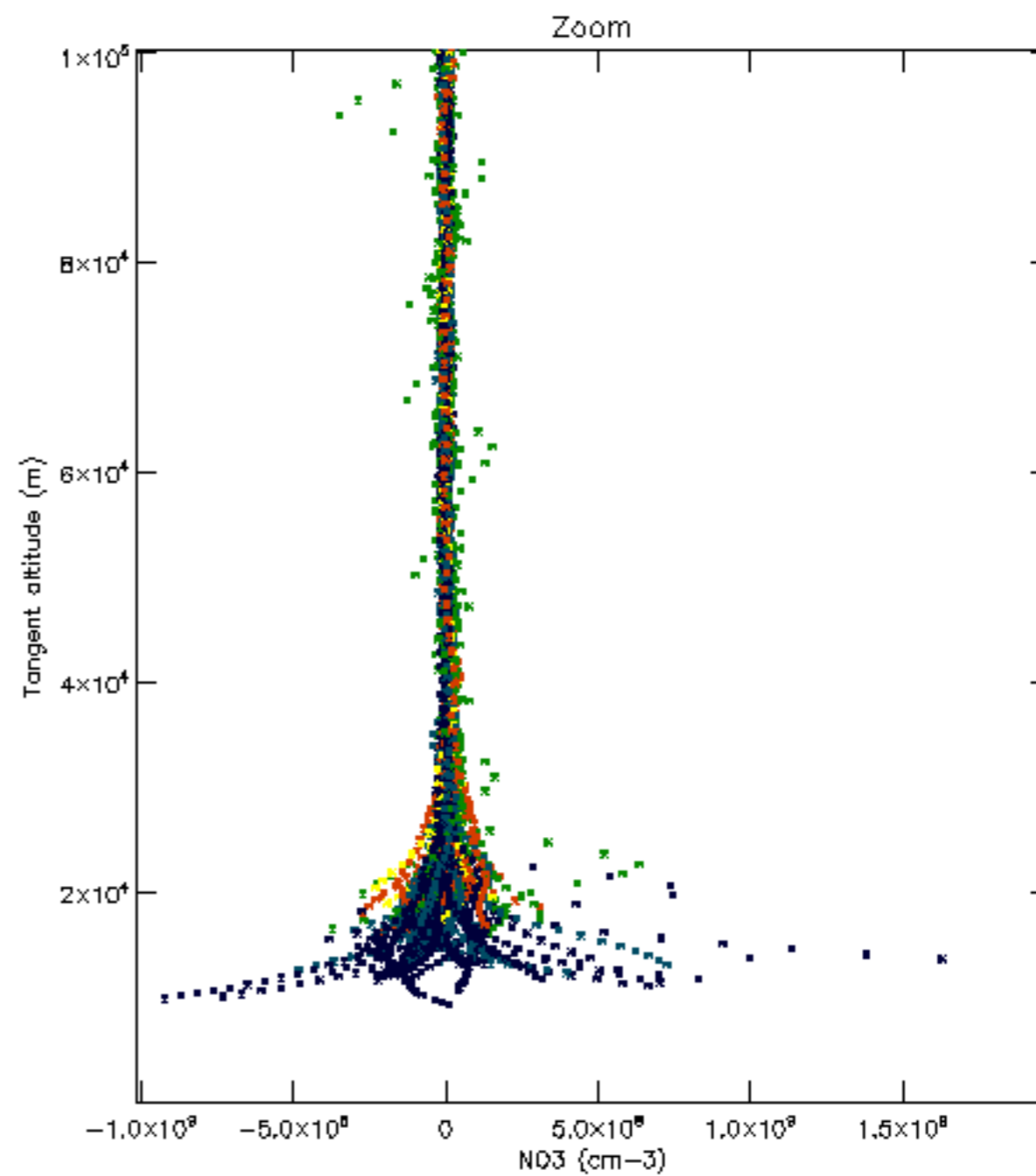
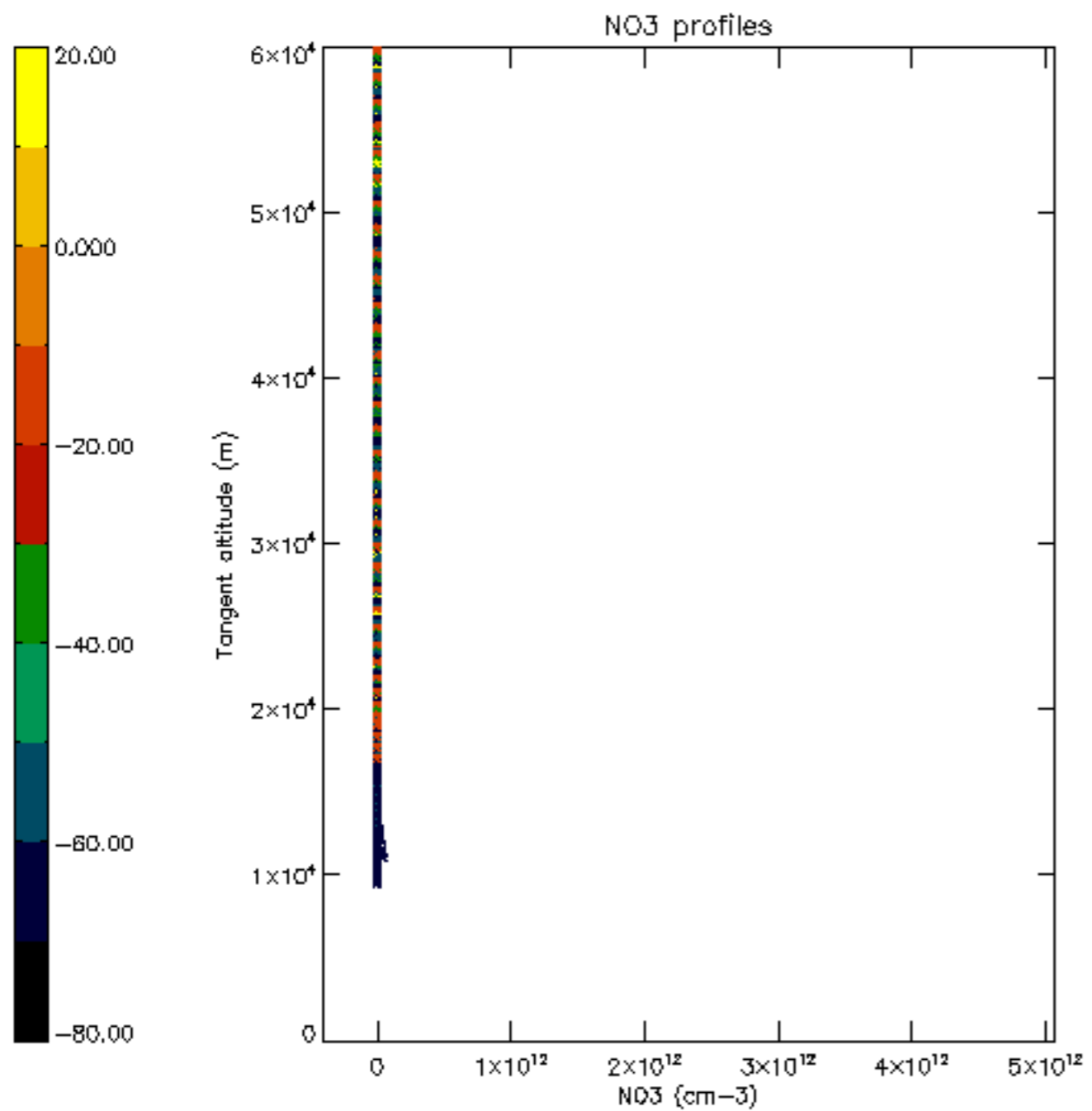


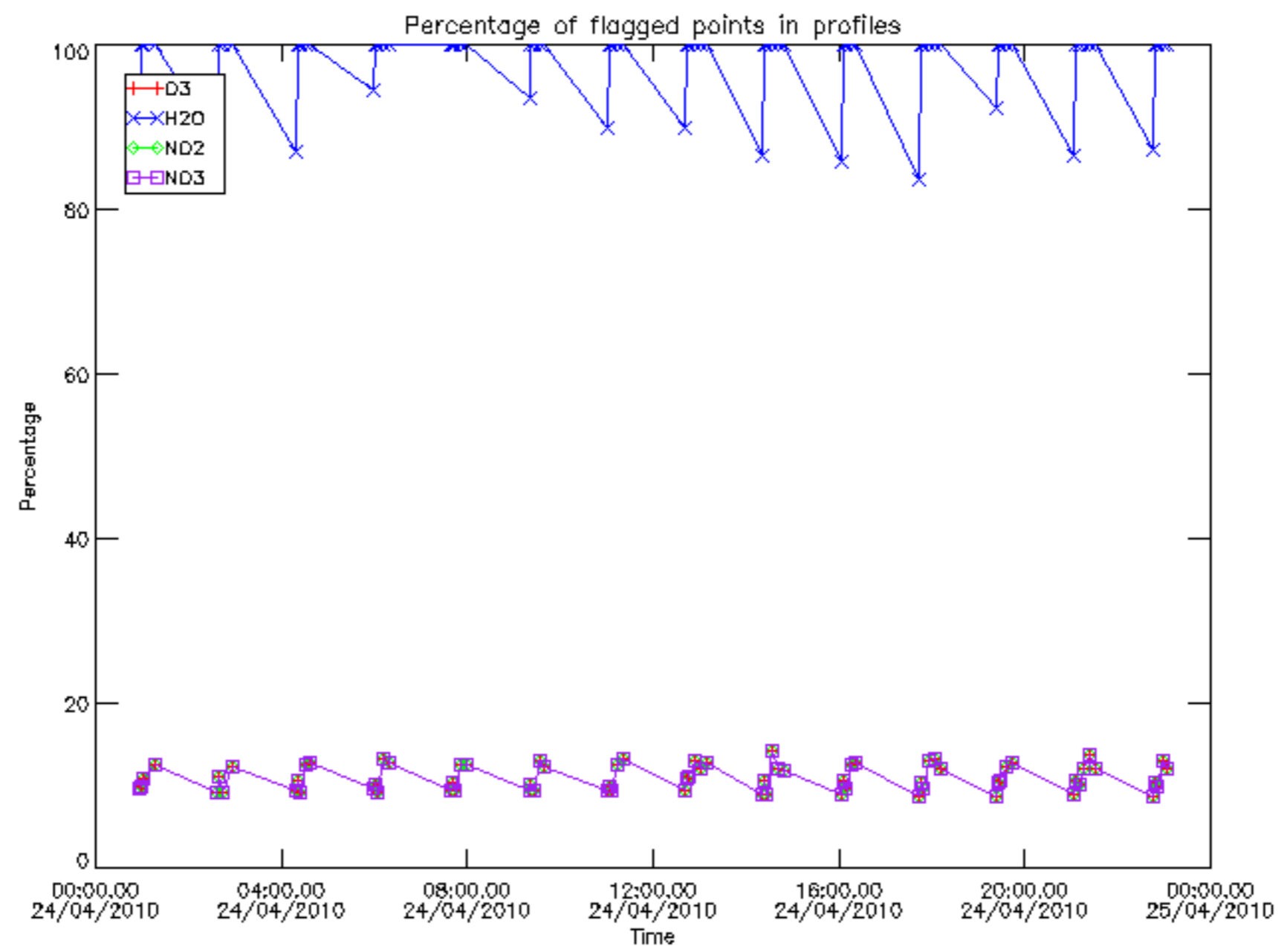




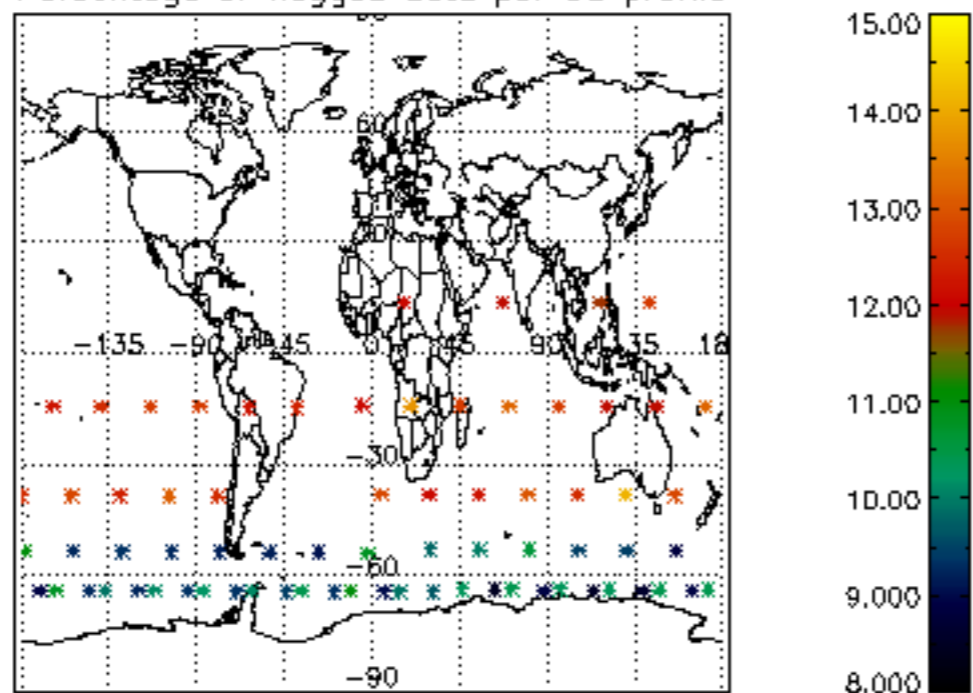




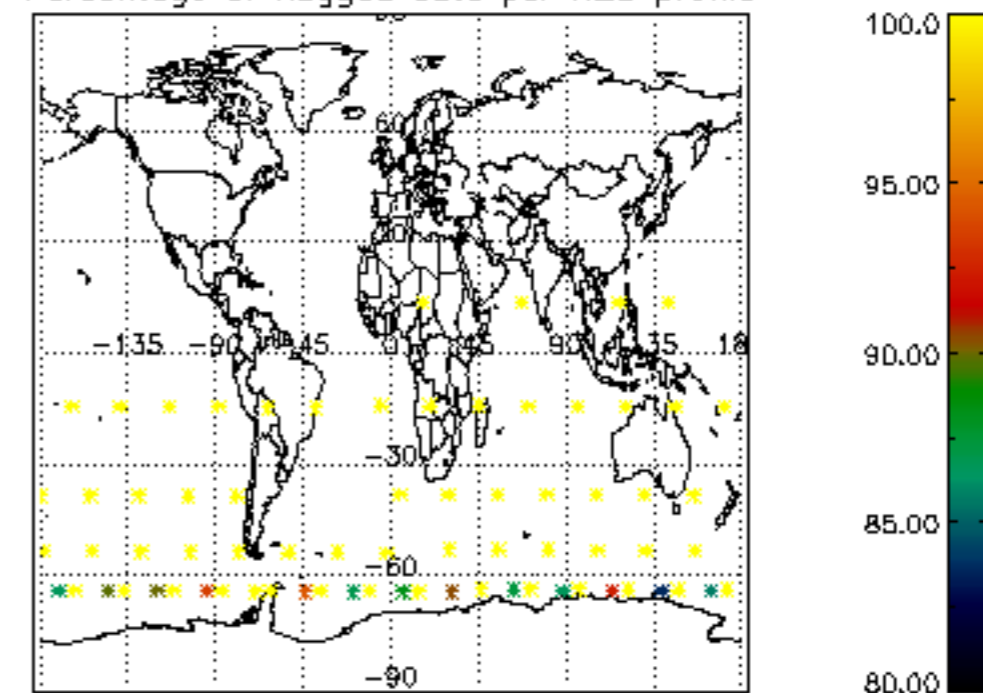




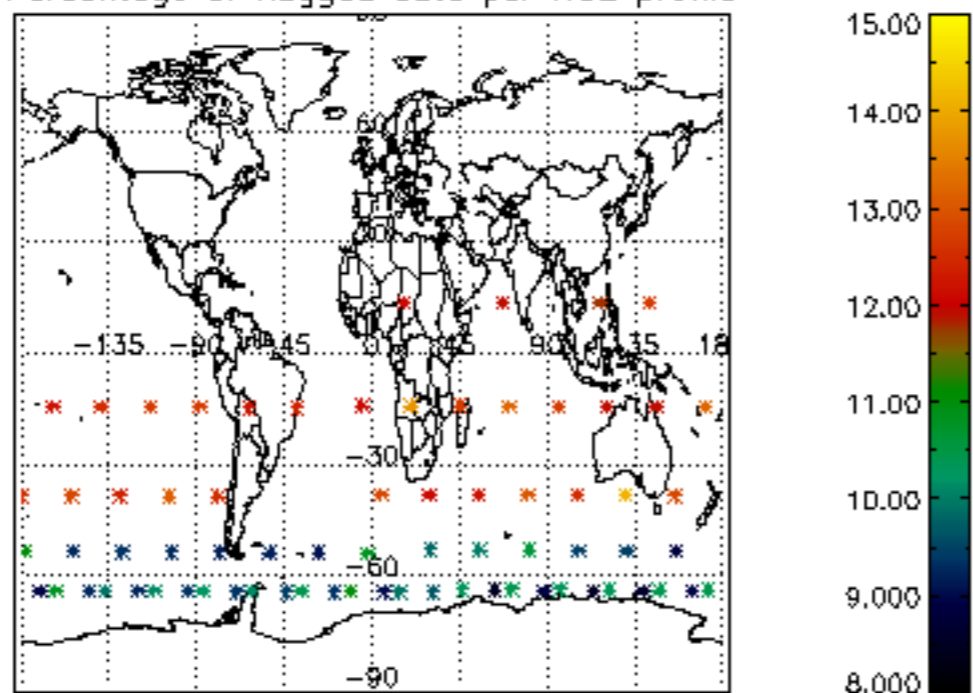
Percentage of flagged data per D3 profile



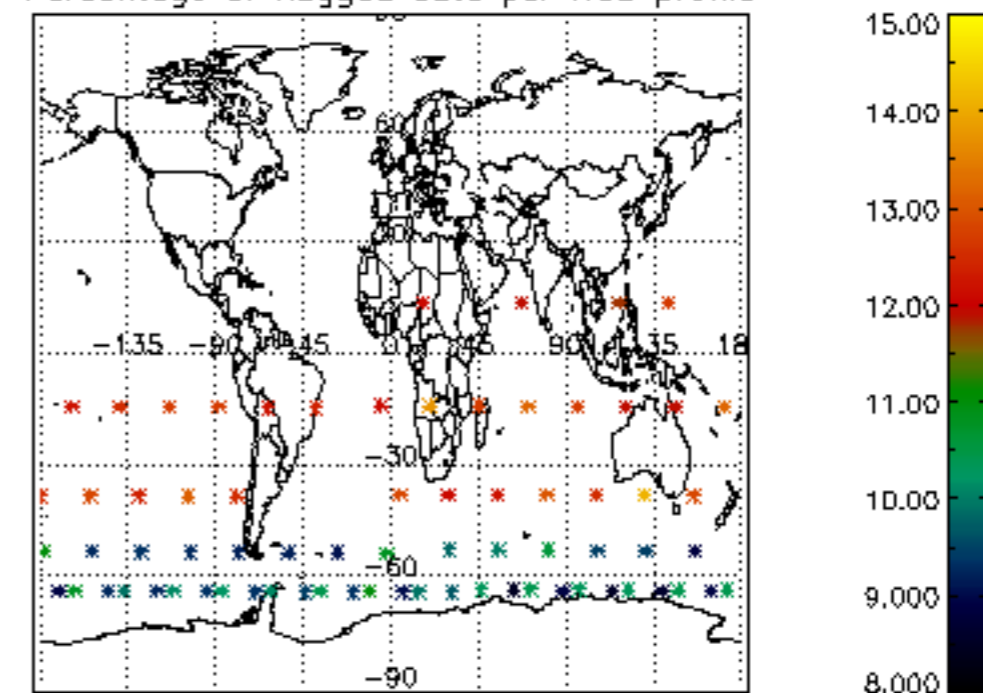
Percentage of flagged data per H2O profile



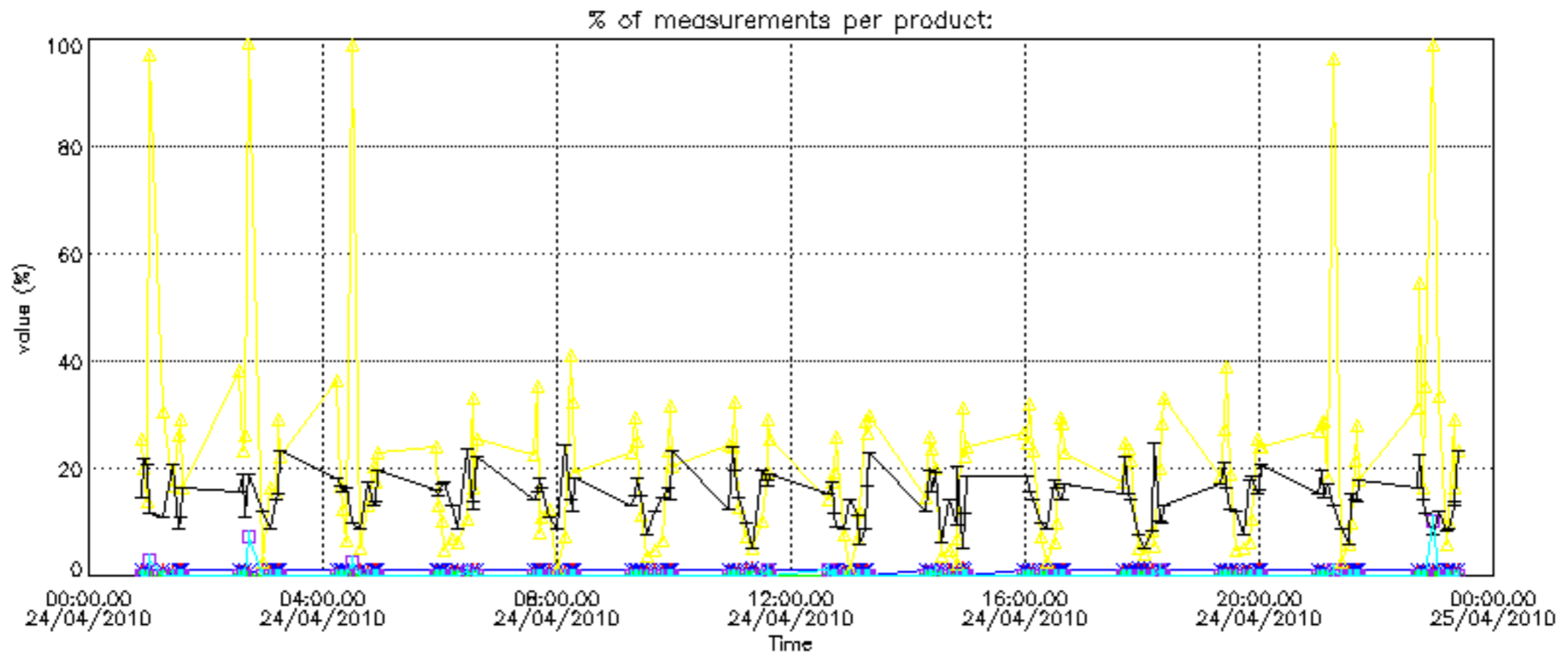
Percentage of flagged data per NO2 profile

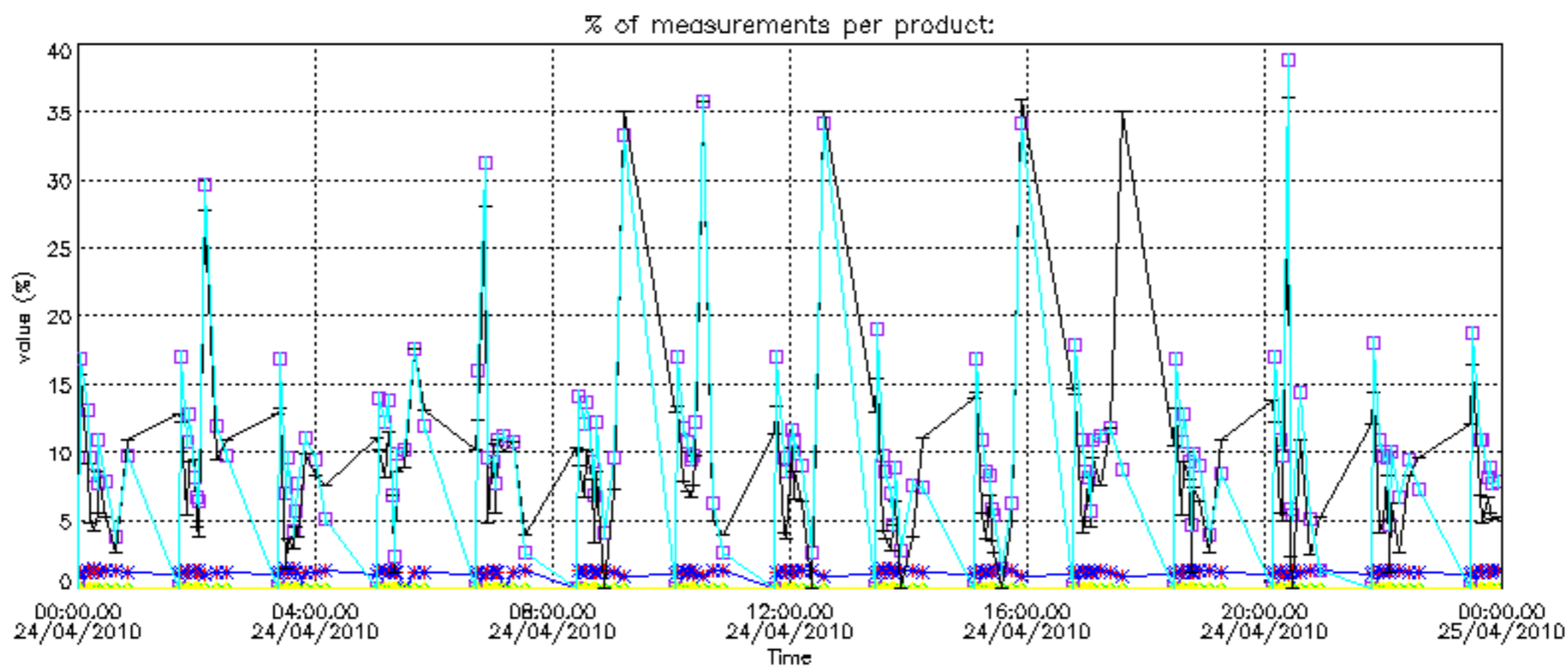


Percentage of flagged data per NO3 profile

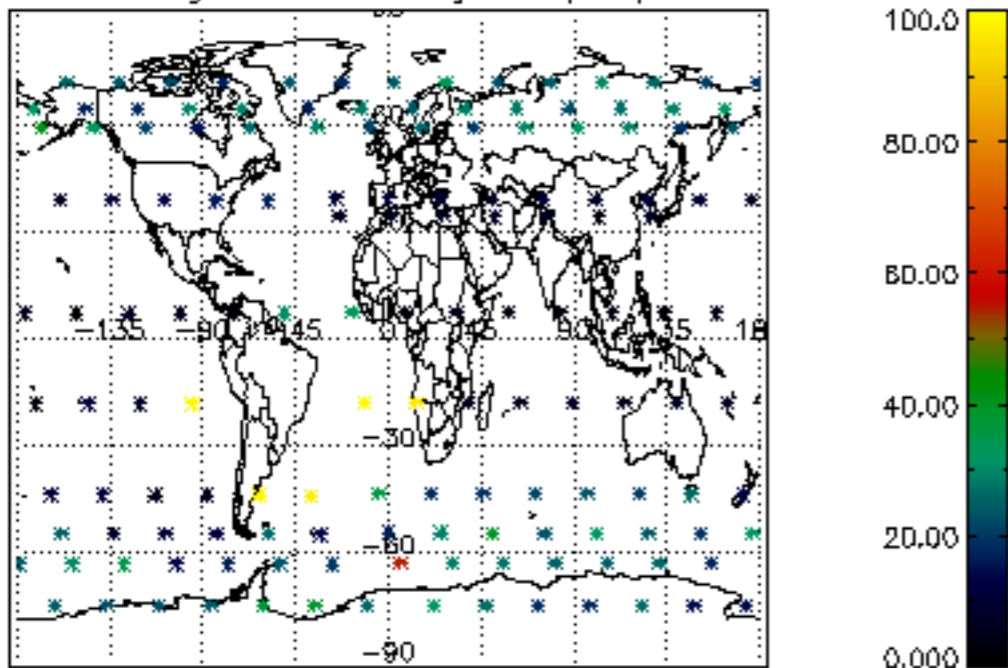




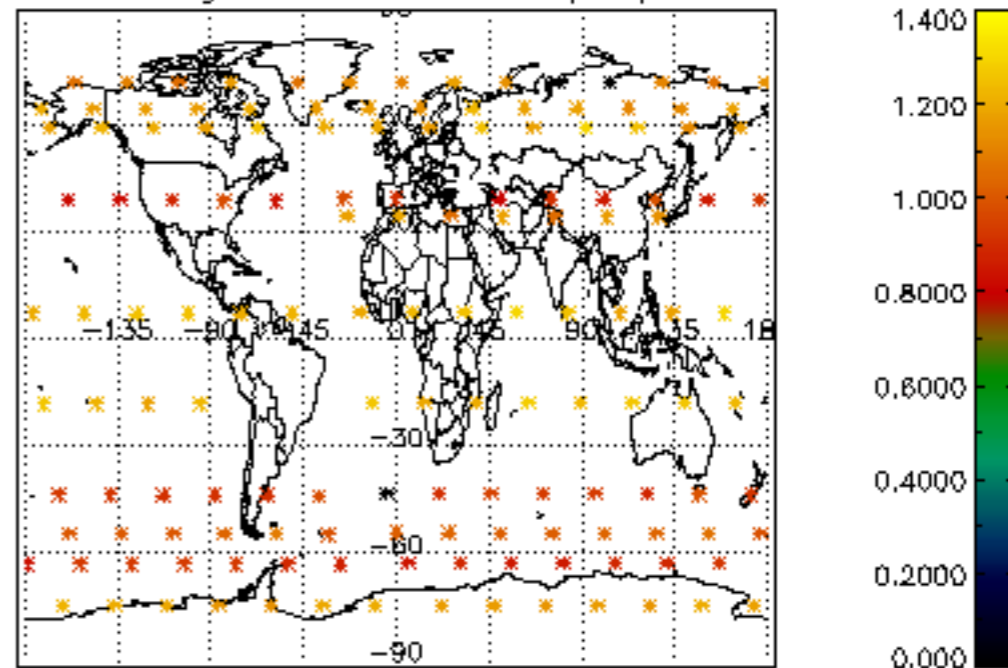




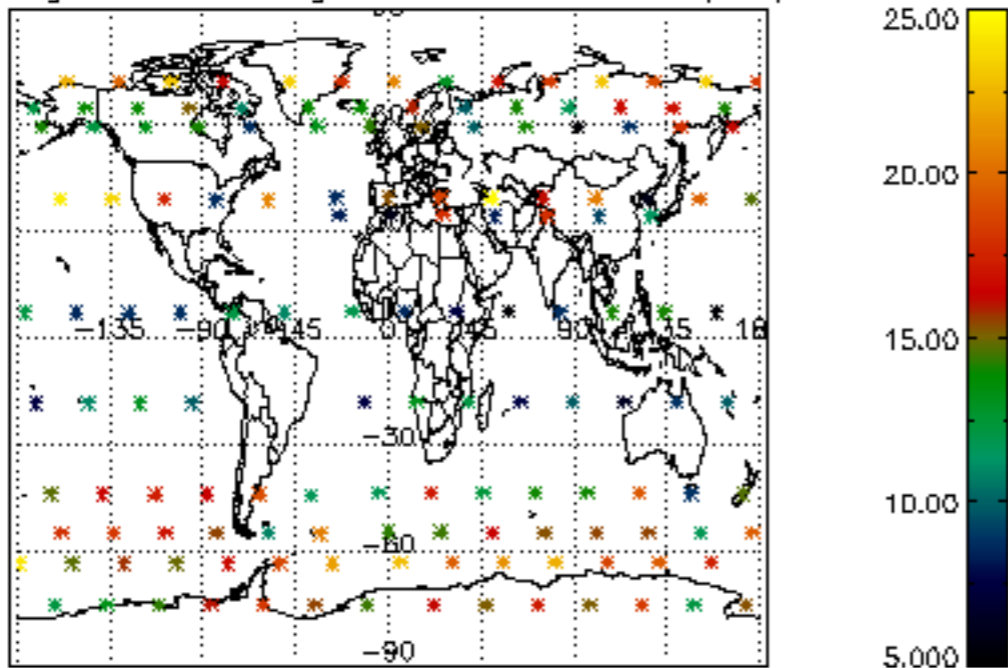
Percentage of cosmic ray hits per profile



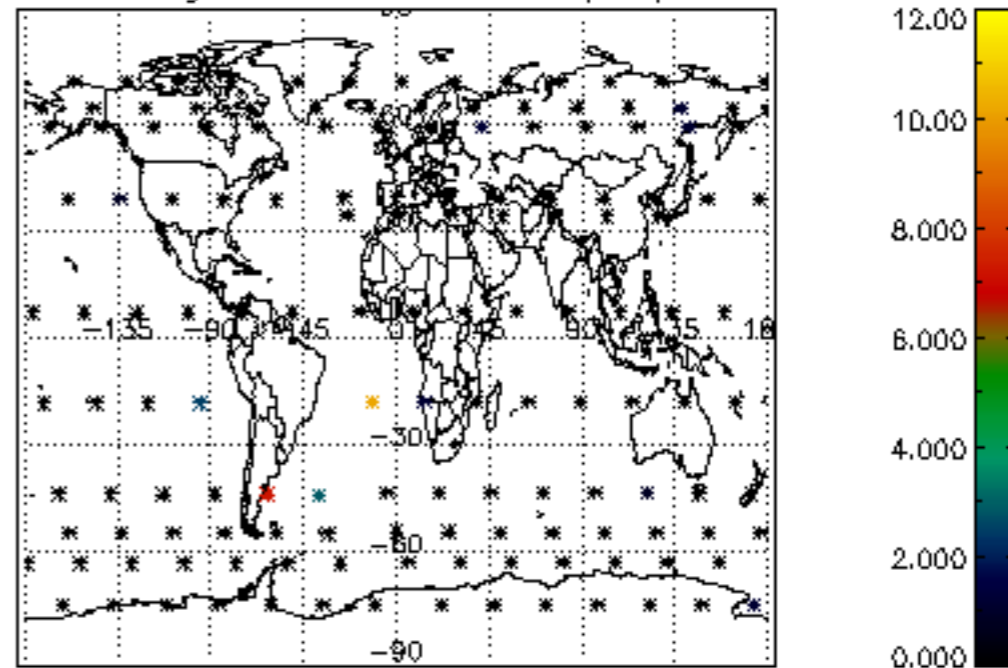
Percentage of datation errors per profile



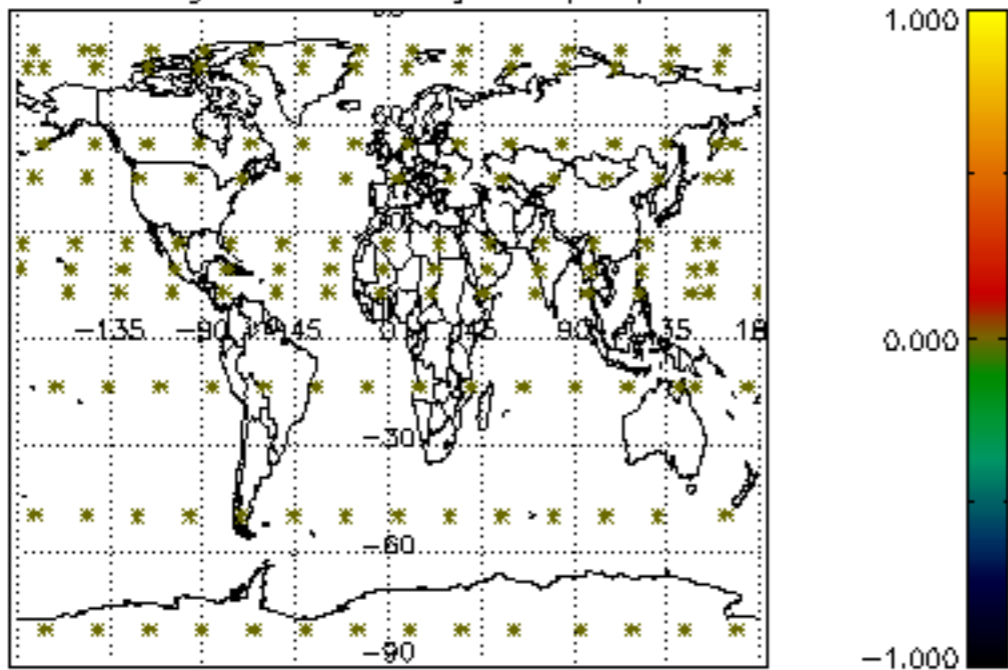
Percentage of star falling outside central band per profile



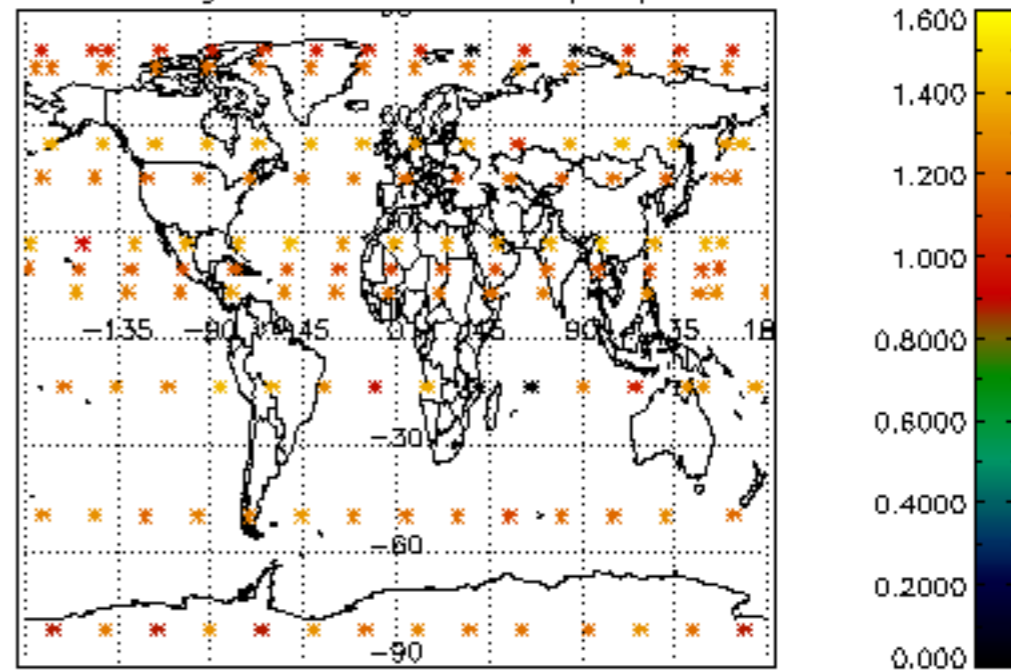
Percentage of saturation errors per profile



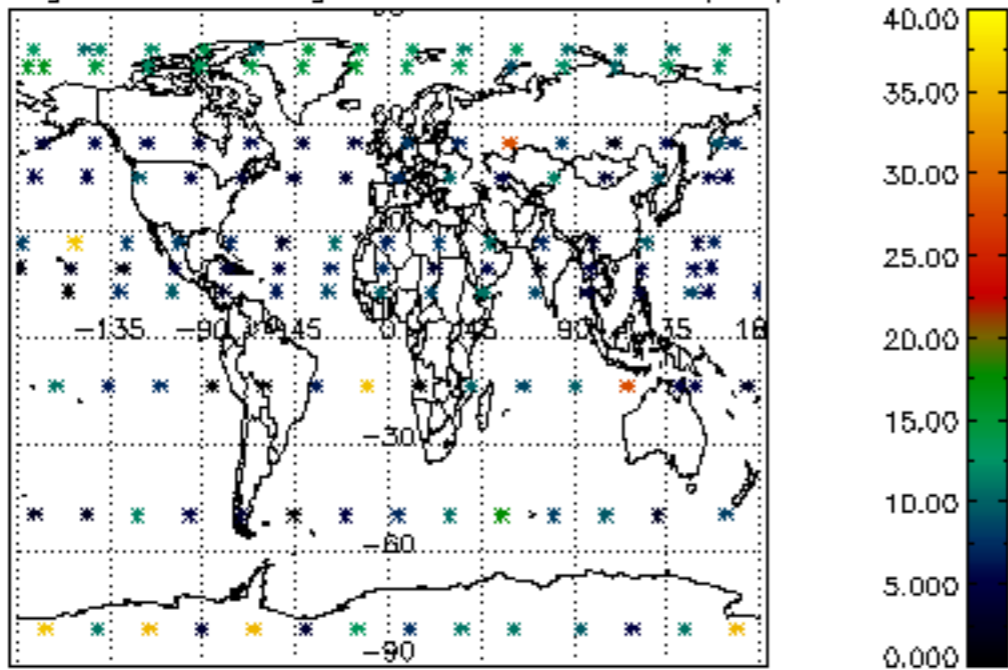
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

