

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	29APR2013 09:59:58
Data source version	GOMOS/6.01
Start time of products	23-04-2010 (23APR2010 00:00:00)
Stop time of products	24-04-2010 (24APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	283
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100423_000735_000000402088_00446_42584_5844.N1	23-APR-2010 00:07:35	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42584	No
2	GOM_NL__2PRFIN20100423_001623_000000642088_00446_42584_5845.N1	23-APR-2010 00:16:23	Straylight	64.000	40	The Sco	1.8590	7100.0	128	42584	No
3	GOM_NL__2PRFIN20100423_002223_000000422088_00446_42584_5846.N1	23-APR-2010 00:22:23	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42584	No
4	GOM_NL__2PRFIN20100423_002357_000000452088_00446_42584_5847.N1	23-APR-2010 00:23:57	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42584	No
5	GOM_NL__2PRFIN20100423_002611_000000462088_00446_42584_5848.N1	23-APR-2010 00:26:11	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42584	No
6	GOM_NL__2PRFIN20100423_003205_000000542088_00446_42584_5849.N1	23-APR-2010 00:32:05	Bright	53.500	122	9Alp2Lib	2.7470	9700.0	107	42584	No
7	GOM_NL__2PRFIN20100423_003406_000000422088_00446_42584_5850.N1	23-APR-2010 00:34:06	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42584	No
8	GOM_NL__2PRFIN20100423_004040_000000382088_00446_42584_5851.N1	23-APR-2010 00:40:40	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42584	No
9	GOM_NL__2PRFIN20100423_004329_000000412088_00446_42584_5852.N1	23-APR-2010 00:43:29	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	42584	No
10	GOM_NL__2PRFIN20100423_004835_000000372088_00446_42584_5853.N1	23-APR-2010 00:48:35	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42584	No
11	GOM_NL__2PRFIN20100423_005049_000000462088_00446_42584_5854.N1	23-APR-2010 00:50:49	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42584	No
12	GOM_NL__2PRFIN20100423_005232_000000392088_00446_42584_5855.N1	23-APR-2010 00:52:32	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42584	No
13	GOM_NL__2PRFIN20100423_005952_000000402088_00446_42584_5856.N1	23-APR-2010 00:59:52	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42584	No
14	GOM_NL__2PRFIN20100423_011006_000000402088_00446_42584_5857.N1	23-APR-2010 01:10:06	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42584	No
15	GOM_NL__2PRFIN20100423_012037_000000382088_00446_42584_5858.N1	23-APR-2010 01:20:37	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	42584	No
16	GOM_NL__2PRFIN20100423_012448_000000432088_00446_42584_5859.N1	23-APR-2010 01:24:48	Twilight_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42584	No
17	GOM_NL__2PRFIN20100423_012819_000000562088_00446_42584_5860.N1	23-APR-2010 01:28:19	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	42584	No
18	GOM_NL__2PRFIN20100423_013046_000000472088_00446_42584_5861.N1	23-APR-2010 01:30:46	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42584	No
19	GOM_NL__2PRFIN20100423_013349_000000552088_00446_42584_5862.N1	23-APR-2010 01:33:49	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42584	No
20	GOM_NL__2PRFIN20100423_014811_000000402088_00447_42585_5852.N1	23-APR-2010 01:48:11	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42585	No
21	GOM_NL__2PRFIN20100423_015700_000000552088_00447_42585_5853.N1	23-APR-2010 01:57:00	Straylight	54.500	40	The Sco	1.8590	7100.0	109	42585	No
22	GOM_NL__2PRFIN20100423_020259_000000432088_00447_42585_5854.N1	23-APR-2010 02:02:59	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42585	No
23	GOM_NL__2PRFIN20100423_020434_000000432088_00447_42585_5855.N1	23-APR-2010 02:04:34	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42585	No
24	GOM_NL__2PRFIN20100423_020647_000000472088_00447_42585_5856.N1	23-APR-2010 02:06:47	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42585	No
25	GOM_NL__2PRFIN20100423_021241_000000492088_00447_42585_5857.N1	23-APR-2010 02:12:41	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	42585	No
26	GOM_NL__2PRFIN20100423_021443_000000412088_00447_42585_5858.N1	23-APR-2010 02:14:43	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42585	No
27	GOM_NL__2PRFIN20100423_022116_000000382088_00447_42585_5859.N1	23-APR-2010 02:21:16	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42585	No
28	GOM_NL__2PRFIN20100423_022405_000000442088_00447_42585_5860.N1	23-APR-2010 02:24:05	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42585	No
29	GOM_NL__2PRFIN20100423_022911_000000362088_00447_42585_5861.N1	23-APR-2010 02:29:11	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	42585	No
30	GOM_NL__2PRFIN20100423_023124_000000452088_00447_42585_5862.N1	23-APR-2010 02:31:24	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42585	No
31	GOM_NL__2PRFIN20100423_023308_000000422088_00447_42585_5863.N1	23-APR-2010 02:33:08	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42585	No
32	GOM_NL__2PRFIN20100423_024028_000000422088_00447_42585_5864.N1	23-APR-2010 02:40:28	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42585	No
33	GOM_NL__2PRFIN20100423_025041_000000412088_00447_42585_5865.N1	23-APR-2010 02:50:41	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42585	No
34	GOM_NL__2PRFIN20100423_030113_000000412088_00447_42585_5866.N1	23-APR-2010 03:01:13	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	42585	No
35	GOM_NL__2PRFIN20100423_030524_000000412088_00447_42585_5867.N1	23-APR-2010 03:05:24	Twilight_stray	40.500	90	54Alp Peg	2.4870	11000.	81	42585	No
36	GOM_NL__2PRFIN20100423_030855_000000572088_00447_42585_5868.N1	23-APR-2010 03:08:55	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	42585	No
37	GOM_NL__2PRFIN20100423_031122_000000482088_00447_42585_5869.N1	23-APR-2010 03:11:22	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	42585	No
38	GOM_NL__2PRFIN20100423_031425_000000522088_00447_42585_5870.N1	23-APR-2010 03:14:25	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	42585	No
39	GOM_NL__2PRFIN20100423_032143_000000432088_00447_42585_5871.N1	23-APR-2010 03:21:43	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42585	No
40	GOM_NL__2PRFIN20100423_032848_000000402088_00448_42586_5860.N1	23-APR-2010 03:28:48	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42586	No
41	GOM_NL__2PRFIN20100423_033737_000000522088_00448_42586_5861.N1	23-APR-2010 03:37:37	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42586	No
42	GOM_NL__2PRFIN20100423_034335_000000432088_00448_42586_5862.N1	23-APR-2010 03:43:35	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42586	No

43	GOM_NL__2PRFIN20100423_034510_000000452088_00448_42586_5863.N1	23-APR-2010 03:45:10	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42586	No
44	GOM_NL__2PRFIN20100423_034723_000000472088_00448_42586_5864.N1	23-APR-2010 03:47:23	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42586	No
45	GOM_NL__2PRFIN20100423_035317_000000522088_00448_42586_5865.N1	23-APR-2010 03:53:17	Bright	52.000	122	9Alp2Lib	2.7470	9700.0	104	42586	No
46	GOM_NL__2PRFIN20100423_035518_000000412088_00448_42586_5866.N1	23-APR-2010 03:55:18	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42586	No
47	GOM_NL__2PRFIN20100423_040152_000000382088_00448_42586_5867.N1	23-APR-2010 04:01:52	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42586	No
48	GOM_NL__2PRFIN20100423_040440_000000412088_00448_42586_5868.N1	23-APR-2010 04:04:40	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	42586	No
49	GOM_NL__2PRFIN20100423_040947_000000382088_00448_42586_5869.N1	23-APR-2010 04:09:47	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42586	No
50	GOM_NL__2PRFIN20100423_041159_000000442088_00448_42586_5870.N1	23-APR-2010 04:11:59	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	42586	No
51	GOM_NL__2PRFIN20100423_041343_000000382088_00448_42586_5871.N1	23-APR-2010 04:13:43	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	42586	No
52	GOM_NL__2PRFIN20100423_042104_000000382088_00448_42586_5872.N1	23-APR-2010 04:21:04	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	42586	No
53	GOM_NL__2PRFIN20100423_043117_000000422088_00448_42586_5873.N1	23-APR-2010 04:31:17	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42586	No
54	GOM_NL__2PRFIN20100423_044150_000000392088_00448_42586_5874.N1	23-APR-2010 04:41:50	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	42586	No
55	GOM_NL__2PRFIN20100423_044600_000000432088_00448_42586_5875.N1	23-APR-2010 04:46:00	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42586	No
56	GOM_NL__2PRFIN20100423_044931_000000582088_00448_42586_5876.N1	23-APR-2010 04:49:31	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	42586	No
57	GOM_NL__2PRFIN20100423_045159_000000512088_00448_42586_5877.N1	23-APR-2010 04:51:59	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	42586	No
58	GOM_NL__2PRFIN20100423_045502_000000552088_00448_42586_5878.N1	23-APR-2010 04:55:02	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42586	No
59	GOM_NL__2PRFIN20100423_050220_000000422088_00448_42586_5879.N1	23-APR-2010 05:02:20	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42586	No
60	GOM_NL__2PRFIN20100423_050925_000000412088_00449_42587_5868.N1	23-APR-2010 05:09:25	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42587	No
61	GOM_NL__2PRFIN20100423_051814_000000532088_00449_42587_5869.N1	23-APR-2010 05:18:14	Straylight	53.000	40	The Sco	1.8590	7100.0	106	42587	No
62	GOM_NL__2PRFIN20100423_052412_000000422088_00449_42587_5870.N1	23-APR-2010 05:24:12	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42587	No
63	GOM_NL__2PRFIN20100423_052546_000000432088_00449_42587_5871.N1	23-APR-2010 05:25:46	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42587	No
64	GOM_NL__2PRFIN20100423_052800_000000462088_00449_42587_5872.N1	23-APR-2010 05:28:00	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42587	No
65	GOM_NL__2PRFIN20100423_053353_000000512088_00449_42587_5873.N1	23-APR-2010 05:33:53	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42587	No
66	GOM_NL__2PRFIN20100423_053554_000000412088_00449_42587_5874.N1	23-APR-2010 05:35:54	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42587	No
67	GOM_NL__2PRFIN20100423_054228_000000372088_00449_42587_5875.N1	23-APR-2010 05:42:28	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42587	No
68	GOM_NL__2PRFIN20100423_054516_000000442088_00449_42587_5876.N1	23-APR-2010 05:45:16	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42587	No
69	GOM_NL__2PRFIN20100423_055023_000000372088_00449_42587_5877.N1	23-APR-2010 05:50:23	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42587	No
70	GOM_NL__2PRFIN20100423_055234_000000432088_00449_42587_5878.N1	23-APR-2010 05:52:34	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42587	No
71	GOM_NL__2PRFIN20100423_055419_000000402088_00449_42587_5879.N1	23-APR-2010 05:54:19	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42587	No
72	GOM_NL__2PRFIN20100423_060139_000000382088_00449_42587_5880.N1	23-APR-2010 06:01:39	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42587	No
73	GOM_NL__2PRFIN20100423_061153_000000432088_00449_42587_5881.N1	23-APR-2010 06:11:53	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42587	No
74	GOM_NL__2PRFIN20100423_062226_000000402088_00449_42587_5882.N1	23-APR-2010 06:22:26	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42587	No
75	GOM_NL__2PRFIN20100423_062637_000000432088_00449_42587_5883.N1	23-APR-2010 06:26:37	Tw_i_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42587	No
76	GOM_NL__2PRFIN20100423_063008_000000552088_00449_42587_5884.N1	23-APR-2010 06:30:08	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	42587	No
77	GOM_NL__2PRFIN20100423_063236_000000462088_00449_42587_5885.N1	23-APR-2010 06:32:36	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42587	No
78	GOM_NL__2PRFIN20100423_063539_000000532088_00449_42587_5886.N1	23-APR-2010 06:35:39	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	42587	No
79	GOM_NL__2PRFIN20100423_064257_000000412088_00449_42587_5887.N1	23-APR-2010 06:42:57	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42587	No
80	GOM_NL__2PRFIN20100423_065002_000000402088_00450_42588_5886.N1	23-APR-2010 06:50:02	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42588	No
81	GOM_NL__2PRFIN20100423_065851_000000642088_00450_42588_5887.N1	23-APR-2010 06:58:51	Straylight	63.500	40	The Sco	1.8590	7100.0	127	42588	No
82	GOM_NL__2PRFIN20100423_070448_000000432088_00450_42588_5888.N1	23-APR-2010 07:04:48	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42588	No
83	GOM_NL__2PRFIN20100423_070623_000000432088_00450_42588_5889.N1	23-APR-2010 07:06:23	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42588	No
84	GOM_NL__2PRFIN20100423_070836_000000452088_00450_42588_5890.N1	23-APR-2010 07:08:36	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	42588	No
85	GOM_NL__2PRFIN20100423_071429_000000482088_00450_42588_5891.N1	23-APR-2010 07:14:29	Bright	48.000	122	9Alp2Lib	2.7470	9700.0	96	42588	No
86	GOM_NL__2PRFIN20100423_071631_000000422088_00450_42588_5892.N1	23-APR-2010 07:16:31	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42588	No
87	GOM_NL__2PRFIN20100423_072304_000000382088_00450_42588_5893.N1	23-APR-2010 07:23:04	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42588	No
88	GOM_NL__2PRFIN20100423_072552_000000432088_00450_42588_5894.N1	23-APR-2010 07:25:52	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	42588	No
89	GOM_NL__2PRFIN20100423_073058_000000372088_00450_42588_5895.N1	23-APR-2010 07:30:58	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42588	No
90	GOM_NL__2PRFIN20100423_073310_000000462088_00450_42588_5896.N1	23-APR-2010 07:33:10	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42588	No
91	GOM_NL__2PRFIN20100423_073454_000000402088_00450_42588_5897.N1	23-APR-2010 07:34:54	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42588	No
92	GOM_NL__2PRFIN20100423_074215_000000392088_00450_42588_5898.N1	23-APR-2010 07:42:15	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42588	No
93	GOM_NL__2PRFIN20100423_075229_000000402088_00450_42588_5899.N1	23-APR-2010 07:52:29	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42588	No
94	GOM_NL__2PRFIN20100423_080302_000000412088_00450_42588_5900.N1	23-APR-2010 08:03:02	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	42588	No
95	GOM_NL__2PRFIN20100423_080713_000000432088_00450_42588_5901.N1	23-APR-2010 08:07:13	Tw_i_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42588	No
96	GOM_NL__2PRFIN20100423_081045_000000562088_00450_42588_5902.N1	23-APR-2010 08:10:45	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42588	No
97	GOM_NL__2PRFIN20100423_081312_000000502088_00450_42588_5903.N1	23-APR-2010 08:13:12	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	42588	No
98	GOM_NL__2PRFIN20100423_081616_000000502088_00450_42588_5904.N1	23-APR-2010 08:16:16	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42588	No
99	GOM_NL__2PRFIN20100423_082333_000000412088_00450_42588_5905.N1	23-APR-2010 08:23:33	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42588	No
100	GOM_NL__2PRFIN20100423_083038_000000422088_00451_42589_5889.N1	23-APR-2010 08:30:38	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42589	No
101	GOM_NL__2PRFIN20100423_083928_000000532088_00451_42589_5890.N1	23-APR-2010 08:39:28	Straylight	53.000	40	The Sco	1.8590	7100.0	106	42589	No

102	GOM_NL__2PRFIN20100423_084525_000000412088_00451_42589_5891.N1	23-APR-2010 08:45:25	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42589	No
103	GOM_NL__2PRFIN20100423_084659_000000442088_00451_42589_5892.N1	23-APR-2010 08:46:59	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42589	No
104	GOM_NL__2PRFIN20100423_084912_000000432088_00451_42589_5893.N1	23-APR-2010 08:49:12	Straylight	42.500	54	5The Cen	2.0550	4500.0	85	42589	No
105	GOM_NL__2PRFIN20100423_085505_000000502088_00451_42589_5894.N1	23-APR-2010 08:55:05	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42589	No
106	GOM_NL__2PRFIN20100423_085707_000000402088_00451_42589_5895.N1	23-APR-2010 08:57:07	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	42589	No
107	GOM_NL__2PRFIN20100423_090340_000000382088_00451_42589_5896.N1	23-APR-2010 09:03:40	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42589	No
108	GOM_NL__2PRFIN20100423_090627_000000432088_00451_42589_5897.N1	23-APR-2010 09:06:27	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42589	No
109	GOM_NL__2PRFIN20100423_091134_000000382088_00451_42589_5898.N1	23-APR-2010 09:11:34	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42589	No
110	GOM_NL__2PRFIN20100423_091345_000000462088_00451_42589_5899.N1	23-APR-2010 09:13:45	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42589	No
111	GOM_NL__2PRFIN20100423_091530_000000392088_00451_42589_5900.N1	23-APR-2010 09:15:30	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42589	No
112	GOM_NL__2PRFIN20100423_092251_000000382088_00451_42589_5901.N1	23-APR-2010 09:22:51	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	42589	No
113	GOM_NL__2PRFIN20100423_093304_000000432088_00451_42589_5902.N1	23-APR-2010 09:33:04	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42589	No
114	GOM_NL__2PRFIN20100423_094337_000000522088_00451_42589_5903.N1	23-APR-2010 09:43:37	Bright	52.000	164	44Eta Peg	2.9480	5400.0	104	42589	No
115	GOM_NL__2PRFIN20100423_094749_000000442088_00451_42589_5904.N1	23-APR-2010 09:47:49	Tw_i_and_stray	44.000	90	54Alp Peg	2.4870	11000.	88	42589	No
116	GOM_NL__2PRFIN20100423_095121_000000562088_00451_42589_5905.N1	23-APR-2010 09:51:21	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	42589	No
117	GOM_NL__2PRFIN20100423_095349_000000482088_00451_42589_5906.N1	23-APR-2010 09:53:49	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	42589	No
118	GOM_NL__2PRFIN20100423_095653_000000542088_00451_42589_5907.N1	23-APR-2010 09:56:53	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	42589	No
119	GOM_NL__2PRFIN20100423_100410_000000412088_00451_42589_5908.N1	23-APR-2010 10:04:10	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42589	No
120	GOM_NL__2PRFIN20100423_101114_000000422088_00452_42590_5897.N1	23-APR-2010 10:11:14	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42590	No
121	GOM_NL__2PRFIN20100423_102005_000000562088_00452_42590_5898.N1	23-APR-2010 10:20:05	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42590	No
122	GOM_NL__2PRFIN20100423_102601_000000412088_00452_42590_5899.N1	23-APR-2010 10:26:01	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42590	No
123	GOM_NL__2PRFIN20100423_102735_000000432088_00452_42590_5900.N1	23-APR-2010 10:27:35	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42590	No
124	GOM_NL__2PRFIN20100423_102948_000000472088_00452_42590_5901.N1	23-APR-2010 10:29:48	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42590	No
125	GOM_NL__2PRFIN20100423_103541_000000502088_00452_42590_5902.N1	23-APR-2010 10:35:41	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42590	No
126	GOM_NL__2PRFIN20100423_103743_000000422088_00452_42590_5903.N1	23-APR-2010 10:37:43	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42590	No
127	GOM_NL__2PRFIN20100423_104416_000000382088_00452_42590_5904.N1	23-APR-2010 10:44:16	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42590	No
128	GOM_NL__2PRFIN20100423_104703_000000422088_00452_42590_5905.N1	23-APR-2010 10:47:03	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42590	No
129	GOM_NL__2PRFIN20100423_105210_000000352088_00452_42590_5906.N1	23-APR-2010 10:52:10	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	42590	No
130	GOM_NL__2PRFIN20100423_105420_000000452088_00452_42590_5907.N1	23-APR-2010 10:54:20	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42590	No
131	GOM_NL__2PRFIN20100423_105605_000000392088_00452_42590_5908.N1	23-APR-2010 10:56:05	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42590	No
132	GOM_NL__2PRFIN20100423_110327_000000432088_00452_42590_5909.N1	23-APR-2010 11:03:27	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	42590	No
133	GOM_NL__2PRFIN20100423_111340_000000412088_00452_42590_5910.N1	23-APR-2010 11:13:40	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42590	No
134	GOM_NL__2PRFIN20100423_112440_000000402088_00452_42590_5911.N1	23-APR-2010 11:24:40	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	42590	No
135	GOM_NL__2PRFIN20100423_112825_000000402088_00452_42590_5912.N1	23-APR-2010 11:28:25	Tw_i_and_stray	40.000	90	54Alp Peg	2.4870	11000.	80	42590	No
136	GOM_NL__2PRFIN20100423_113157_000000602088_00452_42590_5913.N1	23-APR-2010 11:31:57	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	42590	No
137	GOM_NL__2PRFIN20100423_113425_000000512088_00452_42590_5914.N1	23-APR-2010 11:34:25	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	42590	No
138	GOM_NL__2PRFIN20100423_113729_000000552088_00452_42590_5915.N1	23-APR-2010 11:37:29	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42590	No
139	GOM_NL__2PRFIN20100423_114446_000000412088_00452_42590_5916.N1	23-APR-2010 11:44:46	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42590	No
140	GOM_NL__2PRFIN20100423_115151_000000412088_00453_42591_5905.N1	23-APR-2010 11:51:51	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42591	No
141	GOM_NL__2PRFIN20100423_120042_000000562088_00453_42591_5906.N1	23-APR-2010 12:00:42	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42591	No
142	GOM_NL__2PRFIN20100423_120637_000000402088_00453_42591_5907.N1	23-APR-2010 12:06:37	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	42591	No
143	GOM_NL__2PRFIN20100423_120811_000000442088_00453_42591_5908.N1	23-APR-2010 12:08:11	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42591	No
144	GOM_NL__2PRFIN20100423_121024_000000462088_00453_42591_5909.N1	23-APR-2010 12:10:24	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42591	No
145	GOM_NL__2PRFIN20100423_121617_000000502088_00453_42591_5910.N1	23-APR-2010 12:16:17	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42591	No
146	GOM_NL__2PRFIN20100423_121818_000000432088_00453_42591_5911.N1	23-APR-2010 12:18:18	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42591	No
147	GOM_NL__2PRFIN20100423_122452_000000382088_00453_42591_5912.N1	23-APR-2010 12:24:52	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42591	No
148	GOM_NL__2PRFIN20100423_122739_000000422088_00453_42591_5913.N1	23-APR-2010 12:27:39	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42591	No
149	GOM_NL__2PRFIN20100423_123246_000000542088_00453_42591_5914.N1	23-APR-2010 12:32:46	Bright	54.000	152	12Alp2CVn	2.8900	11000.	108	42591	No
150	GOM_NL__2PRFIN20100423_123456_000000452088_00453_42591_5915.N1	23-APR-2010 12:34:56	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	42591	No
151	GOM_NL__2PRFIN20100423_123641_000000412088_00453_42591_5916.N1	23-APR-2010 12:36:41	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42591	No
152	GOM_NL__2PRFIN20100423_124402_000000402088_00453_42591_5917.N1	23-APR-2010 12:44:02	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42591	No
153	GOM_NL__2PRFIN20100423_125415_000000422088_00453_42591_5918.N1	23-APR-2010 12:54:15	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42591	No
154	GOM_NL__2PRFIN20100423_130516_000000402088_00453_42591_5919.N1	23-APR-2010 13:05:16	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	42591	No
155	GOM_NL__2PRFIN20100423_130901_000000442088_00453_42591_5920.N1	23-APR-2010 13:09:01	Tw_i_and_stray	44.000	90	54Alp Peg	2.4870	11000.	88	42591	No
156	GOM_NL__2PRFIN20100423_131234_000000582088_00453_42591_5921.N1	23-APR-2010 13:12:34	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	42591	No
157	GOM_NL__2PRFIN20100423_131502_000000502088_00453_42591_5922.N1	23-APR-2010 13:15:02	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42591	No
158	GOM_NL__2PRFIN20100423_131806_000000532088_00453_42591_5923.N1	23-APR-2010 13:18:06	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	42591	No
159	GOM_NL__2PRFIN20100423_132522_000000412088_00453_42591_5924.N1	23-APR-2010 13:25:22	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42591	No
160	GOM_NL__2PRFIN20100423_133227_000000412088_00454_42592_5933.N1	23-APR-2010 13:32:27	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42592	No

161	GOM_NL__2PRFIN20100423_134119_000000512088_00454_42592_5934.N1	23-APR-2010 13:41:19	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42592	No
162	GOM_NL__2PRFIN20100423_134713_000000442088_00454_42592_5935.N1	23-APR-2010 13:47:13	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42592	No
163	GOM_NL__2PRFIN20100423_134848_000000432088_00454_42592_5936.N1	23-APR-2010 13:48:48	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42592	No
164	GOM_NL__2PRFIN20100423_135101_000000462088_00454_42592_5937.N1	23-APR-2010 13:51:01	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42592	No
165	GOM_NL__2PRFIN20100423_135653_000000502088_00454_42592_5938.N1	23-APR-2010 13:56:53	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42592	No
166	GOM_NL__2PRFIN20100423_135855_000000422088_00454_42592_5939.N1	23-APR-2010 13:58:55	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42592	No
167	GOM_NL__2PRFIN20100423_140528_000000382088_00454_42592_5940.N1	23-APR-2010 14:05:28	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42592	No
168	GOM_NL__2PRFIN20100423_140814_000000432088_00454_42592_5941.N1	23-APR-2010 14:08:14	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42592	No
169	GOM_NL__2PRFIN20100423_141321_000000372088_00454_42592_5942.N1	23-APR-2010 14:13:21	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42592	No
170	GOM_NL__2PRFIN20100423_141531_000000442088_00454_42592_5943.N1	23-APR-2010 14:15:31	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	42592	No
171	GOM_NL__2PRFIN20100423_141717_000000412088_00454_42592_5944.N1	23-APR-2010 14:17:17	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42592	No
172	GOM_NL__2PRFIN20100423_142438_000000372088_00454_42592_5945.N1	23-APR-2010 14:24:38	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42592	No
173	GOM_NL__2PRFIN20100423_143451_000000392088_00454_42592_5946.N1	23-APR-2010 14:34:51	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42592	No
174	GOM_NL__2PRFIN20100423_144552_000000412088_00454_42592_5947.N1	23-APR-2010 14:45:52	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	42592	No
175	GOM_NL__2PRFIN20100423_144937_000000422088_00454_42592_5948.N1	23-APR-2010 14:49:37	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42592	No
176	GOM_NL__2PRFIN20100423_145310_000000572088_00454_42592_5949.N1	23-APR-2010 14:53:10	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	42592	No
177	GOM_NL__2PRFIN20100423_145538_000000512088_00454_42592_5950.N1	23-APR-2010 14:55:38	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	42592	No
178	GOM_NL__2PRFIN20100423_145843_000000552088_00454_42592_5951.N1	23-APR-2010 14:58:43	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42592	No
179	GOM_NL__2PRFIN20100423_150559_000000402088_00454_42592_5952.N1	23-APR-2010 15:05:59	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42592	No
180	GOM_NL__2PRFIN20100423_151304_000000402088_00455_42593_5941.N1	23-APR-2010 15:13:04	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42593	No
181	GOM_NL__2PRFIN20100423_152156_000000522088_00455_42593_5942.N1	23-APR-2010 15:21:56	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42593	No
182	GOM_NL__2PRFIN20100423_152750_000000432088_00455_42593_5943.N1	23-APR-2010 15:27:50	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42593	No
183	GOM_NL__2PRFIN20100423_152924_000000402088_00455_42593_5944.N1	23-APR-2010 15:29:24	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	42593	No
184	GOM_NL__2PRFIN20100423_153137_000000462088_00455_42593_5945.N1	23-APR-2010 15:31:37	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42593	No
185	GOM_NL__2PRFIN20100423_153729_000000502088_00455_42593_5946.N1	23-APR-2010 15:37:29	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42593	No
186	GOM_NL__2PRFIN20100423_153931_000000432088_00455_42593_5947.N1	23-APR-2010 15:39:31	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42593	No
187	GOM_NL__2PRFIN20100423_154603_000000372088_00455_42593_5948.N1	23-APR-2010 15:46:03	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42593	No
188	GOM_NL__2PRFIN20100423_154850_000000422088_00455_42593_5949.N1	23-APR-2010 15:48:50	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42593	No
189	GOM_NL__2PRFIN20100423_155357_000000372088_00455_42593_5950.N1	23-APR-2010 15:53:57	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42593	No
190	GOM_NL__2PRFIN20100423_155606_000000442088_00455_42593_5951.N1	23-APR-2010 15:56:06	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	42593	No
191	GOM_NL__2PRFIN20100423_155752_000000402088_00455_42593_5952.N1	23-APR-2010 15:57:52	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42593	No
192	GOM_NL__2PRFIN20100423_160514_000000392088_00455_42593_5953.N1	23-APR-2010 16:05:14	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42593	No
193	GOM_NL__2PRFIN20100423_161527_000000432088_00455_42593_5954.N1	23-APR-2010 16:15:27	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42593	No
194	GOM_NL__2PRFIN20100423_162628_000000402088_00455_42593_5955.N1	23-APR-2010 16:26:28	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	42593	No
195	GOM_NL__2PRFIN20100423_163014_000000422088_00455_42593_5956.N1	23-APR-2010 16:30:14	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42593	No
196	GOM_NL__2PRFIN20100423_163347_000000582088_00455_42593_5957.N1	23-APR-2010 16:33:47	Dark	57.500	61	8Eps Peg	2.1000	3900.0	115	42593	No
197	GOM_NL__2PRFIN20100423_163615_000000492088_00455_42593_5958.N1	23-APR-2010 16:36:15	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42593	No
198	GOM_NL__2PRFIN20100423_163920_000000502088_00455_42593_5959.N1	23-APR-2010 16:39:20	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42593	No
199	GOM_NL__2PRFIN20100423_164636_000000412088_00455_42593_5960.N1	23-APR-2010 16:46:36	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42593	No
200	GOM_NL__2PRFIN20100423_165340_000000472088_00456_42594_5949.N1	23-APR-2010 16:53:40	Dark	47.000	45	Alp Pav	1.9400	26000.	94	42594	No
201	GOM_NL__2PRFIN20100423_170233_000000632088_00456_42594_5950.N1	23-APR-2010 17:02:33	Straylight	62.500	40	The Sco	1.8590	7100.0	125	42594	No
202	GOM_NL__2PRFIN20100423_170826_000000442088_00456_42594_5951.N1	23-APR-2010 17:08:26	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42594	No
203	GOM_NL__2PRFIN20100423_171000_000000442088_00456_42594_5952.N1	23-APR-2010 17:10:00	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42594	No
204	GOM_NL__2PRFIN20100423_171213_000000442088_00456_42594_5953.N1	23-APR-2010 17:12:13	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	42594	No
205	GOM_NL__2PRFIN20100423_171805_000000502088_00456_42594_5954.N1	23-APR-2010 17:18:05	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42594	No
206	GOM_NL__2PRFIN20100423_172007_000000432088_00456_42594_5955.N1	23-APR-2010 17:20:07	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42594	No
207	GOM_NL__2PRFIN20100423_172639_000000372088_00456_42594_5956.N1	23-APR-2010 17:26:39	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42594	No
208	GOM_NL__2PRFIN20100423_172925_000000422088_00456_42594_5957.N1	23-APR-2010 17:29:25	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42594	No
209	GOM_NL__2PRFIN20100423_173433_000000372088_00456_42594_5958.N1	23-APR-2010 17:34:33	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42594	No
210	GOM_NL__2PRFIN20100423_173642_000000472088_00456_42594_5959.N1	23-APR-2010 17:36:42	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	42594	No
211	GOM_NL__2PRFIN20100423_173827_000000402088_00456_42594_5960.N1	23-APR-2010 17:38:27	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42594	No
212	GOM_NL__2PRFIN20100423_174549_000000402088_00456_42594_5961.N1	23-APR-2010 17:45:49	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42594	No
213	GOM_NL__2PRFIN20100423_175603_000000422088_00456_42594_5962.N1	23-APR-2010 17:56:03	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42594	No
214	GOM_NL__2PRFIN20100423_180638_000000402088_00456_42594_5963.N1	23-APR-2010 18:06:38	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42594	No
215	GOM_NL__2PRFIN20100423_181050_000000422088_00456_42594_5964.N1	23-APR-2010 18:10:50	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42594	No
216	GOM_NL__2PRFIN20100423_181423_000000572088_00456_42594_5965.N1	23-APR-2010 18:14:23	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	42594	No
217	GOM_NL__2PRFIN20100423_181651_000000472088_00456_42594_5966.N1	23-APR-2010 18:16:51	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42594	No
218	GOM_NL__2PRFIN20100423_181957_000000552088_00456_42594_5967.N1	23-APR-2010 18:19:57	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42594	No
219	GOM_NL__2PRFIN20100423_182712_000000412088_00456_42594_5968.N1	23-APR-2010 18:27:12	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42594	No

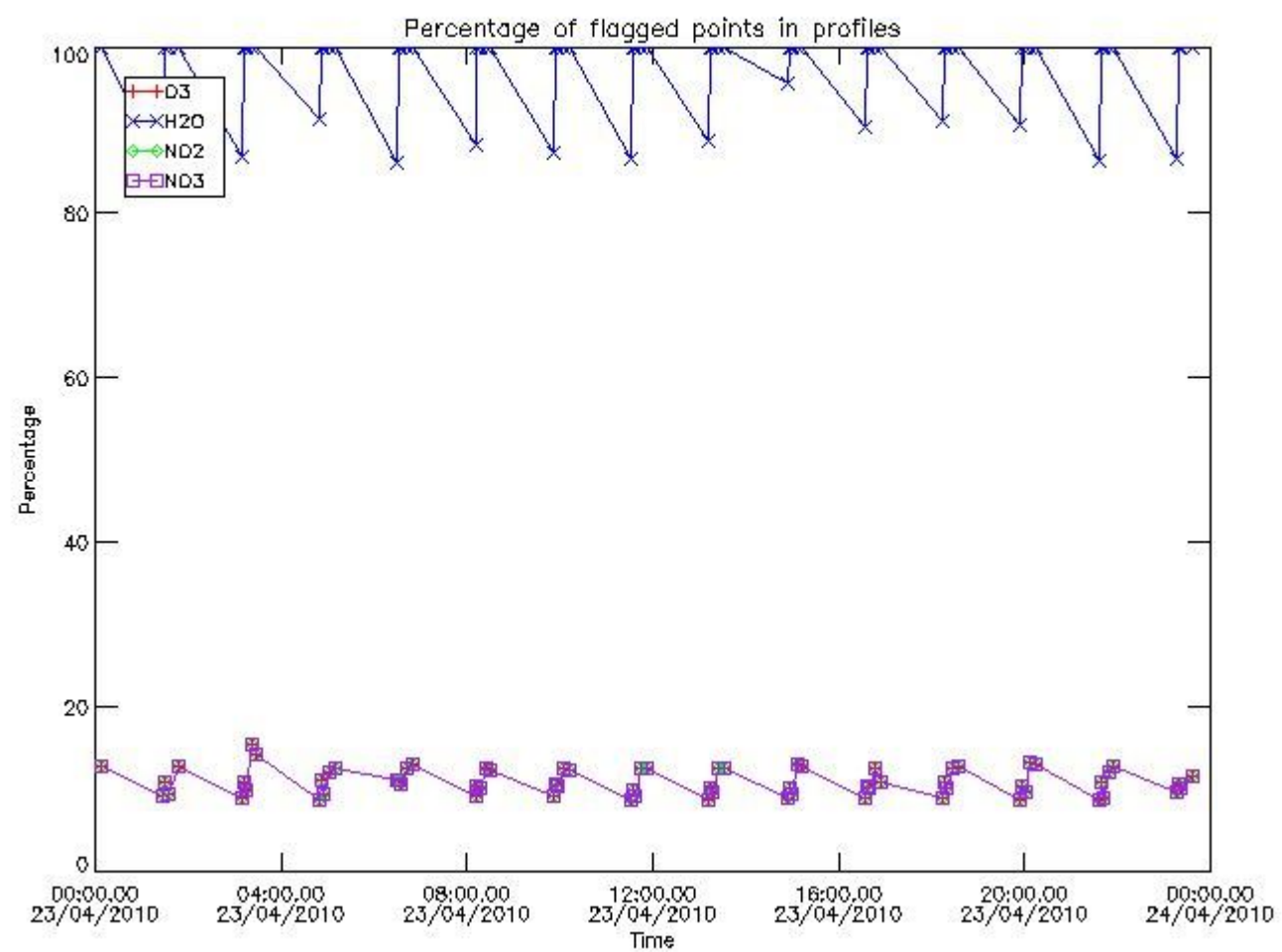
220	GOM_NL__2PRFIN20100423_183417_000000402088_00457_42595_5957.N1	23-APR-2010 18:34:17	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42595	No
221	GOM_NL__2PRFIN20100423_184310_000000592088_00457_42595_5958.N1	23-APR-2010 18:43:10	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42595	No
222	GOM_NL__2PRFIN20100423_184903_000000432088_00457_42595_5959.N1	23-APR-2010 18:49:03	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42595	No
223	GOM_NL__2PRFIN20100423_185037_000000422088_00457_42595_5960.N1	23-APR-2010 18:50:37	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42595	No
224	GOM_NL__2PRFIN20100423_185249_000000462088_00457_42595_5961.N1	23-APR-2010 18:52:49	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42595	No
225	GOM_NL__2PRFIN20100423_185842_000000502088_00457_42595_5962.N1	23-APR-2010 18:58:42	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42595	No
226	GOM_NL__2PRFIN20100423_190043_000000412088_00457_42595_5963.N1	23-APR-2010 19:00:43	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42595	No
227	GOM_NL__2PRFIN20100423_190715_000000382088_00457_42595_5964.N1	23-APR-2010 19:07:15	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42595	No
228	GOM_NL__2PRFIN20100423_191001_000000432088_00457_42595_5965.N1	23-APR-2010 19:10:01	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42595	No
229	GOM_NL__2PRFIN20100423_191509_000000372088_00457_42595_5966.N1	23-APR-2010 19:15:09	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42595	No
230	GOM_NL__2PRFIN20100423_191717_000000452088_00457_42595_5967.N1	23-APR-2010 19:17:17	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42595	No
231	GOM_NL__2PRFIN20100423_191903_000000412088_00457_42595_5968.N1	23-APR-2010 19:19:03	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42595	No
232	GOM_NL__2PRFIN20100423_192625_000000362088_00457_42595_5969.N1	23-APR-2010 19:26:25	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	42595	No
233	GOM_NL__2PRFIN20100423_193638_000000422088_00457_42595_5970.N1	23-APR-2010 19:36:38	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42595	No
234	GOM_NL__2PRFIN20100423_194714_000000572088_00457_42595_5971.N1	23-APR-2010 19:47:14	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	42595	No
235	GOM_NL__2PRFIN20100423_195126_000000442088_00457_42595_5972.N1	23-APR-2010 19:51:26	Tw_i_and_stray	44.000	90	54Alp Peg	2.4870	11000.	88	42595	No
236	GOM_NL__2PRFIN20100423_195500_000000592088_00457_42595_5973.N1	23-APR-2010 19:55:00	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	42595	No
237	GOM_NL__2PRFIN20100423_195728_000000502088_00457_42595_5974.N1	23-APR-2010 19:57:28	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	42595	No
238	GOM_NL__2PRFIN20100423_200034_000000532088_00457_42595_5975.N1	23-APR-2010 20:00:34	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	42595	No
239	GOM_NL__2PRFIN20100423_200749_000000392088_00457_42595_5976.N1	23-APR-2010 20:07:49	Dark	38.500	172	Gam Gru	3.0030	13100.	77	42595	No
240	GOM_NL__2PRFIN20100423_201453_000000402088_00458_42596_5965.N1	23-APR-2010 20:14:53	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42596	No
241	GOM_NL__2PRFIN20100423_202346_000000522088_00458_42596_5966.N1	23-APR-2010 20:23:46	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42596	No
242	GOM_NL__2PRFIN20100423_202939_000000422088_00458_42596_5967.N1	23-APR-2010 20:29:39	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42596	No
243	GOM_NL__2PRFIN20100423_203113_000000432088_00458_42596_5968.N1	23-APR-2010 20:31:13	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42596	No
244	GOM_NL__2PRFIN20100423_203325_000000432088_00458_42596_5969.N1	23-APR-2010 20:33:25	Straylight	42.500	54	5The Cen	2.0550	4500.0	85	42596	No
245	GOM_NL__2PRFIN20100423_203918_000000512088_00458_42596_5970.N1	23-APR-2010 20:39:18	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42596	No
246	GOM_NL__2PRFIN20100423_204119_000000412088_00458_42596_5971.N1	23-APR-2010 20:41:19	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42596	No
247	GOM_NL__2PRFIN20100423_204751_000000372088_00458_42596_5972.N1	23-APR-2010 20:47:51	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42596	No
248	GOM_NL__2PRFIN20100423_205037_000000442088_00458_42596_5973.N1	23-APR-2010 20:50:37	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42596	No
249	GOM_NL__2PRFIN20100423_205545_000000372088_00458_42596_5974.N1	23-APR-2010 20:55:45	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42596	No
250	GOM_NL__2PRFIN20100423_205752_000000442088_00458_42596_5975.N1	23-APR-2010 20:57:52	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	42596	No
251	GOM_NL__2PRFIN20100423_205939_000000392088_00458_42596_5976.N1	23-APR-2010 20:59:39	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42596	No
252	GOM_NL__2PRFIN20100423_210701_000000402088_00458_42596_5977.N1	23-APR-2010 21:07:01	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42596	No
253	GOM_NL__2PRFIN20100423_211714_000000402088_00458_42596_5978.N1	23-APR-2010 21:17:14	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42596	No
254	GOM_NL__2PRFIN20100423_212750_000000422088_00458_42596_5979.N1	23-APR-2010 21:27:50	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	42596	No
255	GOM_NL__2PRFIN20100423_213202_000000442088_00458_42596_5980.N1	23-APR-2010 21:32:02	Tw_i_and_stray	44.000	90	54Alp Peg	2.4870	11000.	88	42596	No
256	GOM_NL__2PRFIN20100423_213536_000000592088_00458_42596_5981.N1	23-APR-2010 21:35:36	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	42596	No
257	GOM_NL__2PRFIN20100423_213804_000000472088_00458_42596_5982.N1	23-APR-2010 21:38:04	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42596	No
258	GOM_NL__2PRFIN20100423_214110_000000572088_00458_42596_5983.N1	23-APR-2010 21:41:10	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	42596	No
259	GOM_NL__2PRFIN20100423_214825_000000422088_00458_42596_5984.N1	23-APR-2010 21:48:25	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42596	No
260	GOM_NL__2PRFIN20100423_215530_000000402088_00459_42597_5973.N1	23-APR-2010 21:55:30	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42597	No
261	GOM_NL__2PRFIN20100423_220423_000000572088_00459_42597_5974.N1	23-APR-2010 22:04:23	Straylight	57.000	40	The Sco	1.8590	7100.0	114	42597	No
262	GOM_NL__2PRFIN20100423_221015_000000422088_00459_42597_5975.N1	23-APR-2010 22:10:15	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42597	No
263	GOM_NL__2PRFIN20100423_221149_000000452088_00459_42597_5976.N1	23-APR-2010 22:11:49	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42597	No
264	GOM_NL__2PRFIN20100423_221402_000000442088_00459_42597_5977.N1	23-APR-2010 22:14:02	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	42597	No
265	GOM_NL__2PRFIN20100423_221953_000000512088_00459_42597_5978.N1	23-APR-2010 22:19:53	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42597	No
266	GOM_NL__2PRFIN20100423_222155_000000422088_00459_42597_5979.N1	23-APR-2010 22:21:55	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42597	No
267	GOM_NL__2PRFIN20100423_222827_000000382088_00459_42597_5980.N1	23-APR-2010 22:28:27	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42597	No
268	GOM_NL__2PRFIN20100423_223112_000000422088_00459_42597_5981.N1	23-APR-2010 22:31:12	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42597	No
269	GOM_NL__2PRFIN20100423_223621_000000372088_00459_42597_5982.N1	23-APR-2010 22:36:21	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42597	No
270	GOM_NL__2PRFIN20100423_223827_000000432088_00459_42597_5983.N1	23-APR-2010 22:38:27	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42597	No
271	GOM_NL__2PRFIN20100423_224014_000000392088_00459_42597_5984.N1	23-APR-2010 22:40:14	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42597	No
272	GOM_NL__2PRFIN20100423_224736_000000412088_00459_42597_5985.N1	23-APR-2010 22:47:36	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42597	No
273	GOM_NL__2PRFIN20100423_225750_000000412088_00459_42597_5986.N1	23-APR-2010 22:57:50	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42597	No
274	GOM_NL__2PRFIN20100423_230826_000000412088_00459_42597_5987.N1	23-APR-2010 23:08:26	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	42597	No
275	GOM_NL__2PRFIN20100423_231238_000000442088_00459_42597_5988.N1	23-APR-2010 23:12:38	Tw_i_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42597	No
276	GOM_NL__2PRFIN20100423_231613_000000532088_00459_42597_5989.N1	23-APR-2010 23:16:13	Dark	52.500	61	8Eps Peg	2.1000	3900.0	105	42597	No
277	GOM_NL__2PRFIN20100423_231840_000000492088_00459_42597_5990.N1	23-APR-2010 23:18:40	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42597	No
278	GOM_NL__2PRFIN20100423_232147_000000502088_00459_42597_5991.N1	23-APR-2010 23:21:47	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42597	No

279	GOM_NL__2PRFIN20100423_233606_000000442088_00460_42598_5981.N1	23-APR-2010 23:36:06	Dark	44.000	45	Alp Pav	1.9400	26000.	88	42598	No
280	GOM_NL__2PRFIN20100423_234500_000000582088_00460_42598_5982.N1	23-APR-2010 23:45:00	Straylight	57.500	40	The Sco	1.8590	7100.0	115	42598	No
281	GOM_NL__2PRFIN20100423_235051_000000422088_00460_42598_5983.N1	23-APR-2010 23:50:51	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42598	No
282	GOM_NL__2PRFIN20100423_235225_000000442088_00460_42598_5984.N1	23-APR-2010 23:52:25	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42598	No
283	GOM_NL__2PRFIN20100423_235438_000000462088_00460_42598_5985.N1	23-APR-2010 23:54:38	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42598	No

3. Quality information per product

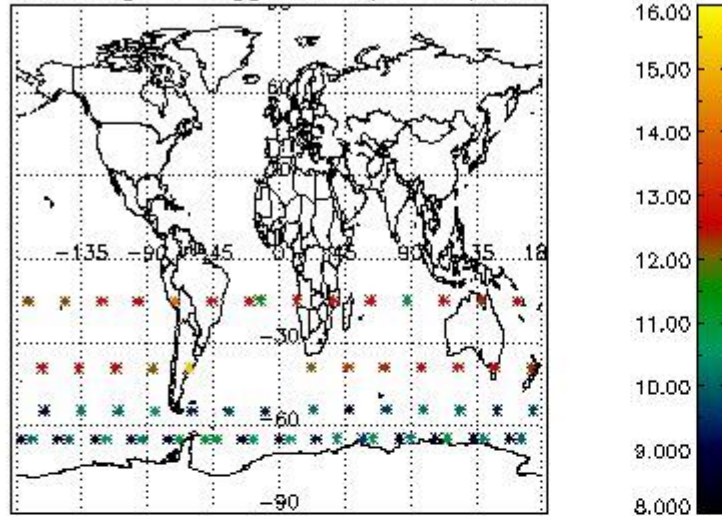
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

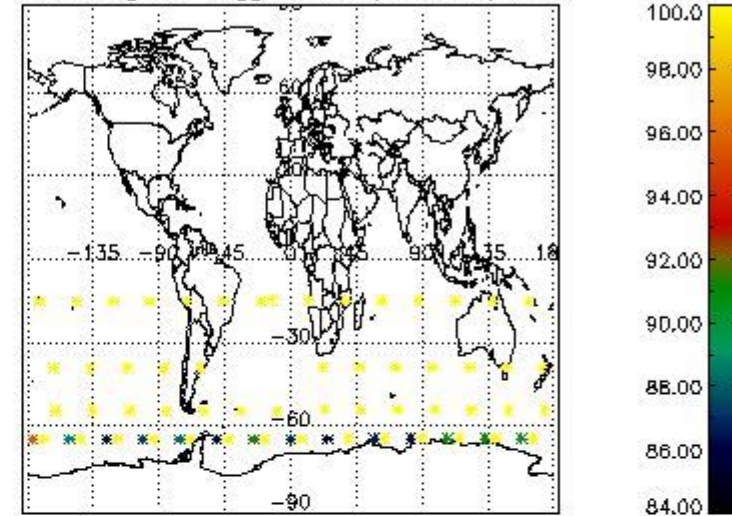


3.2 Plot quality information per product (world map)

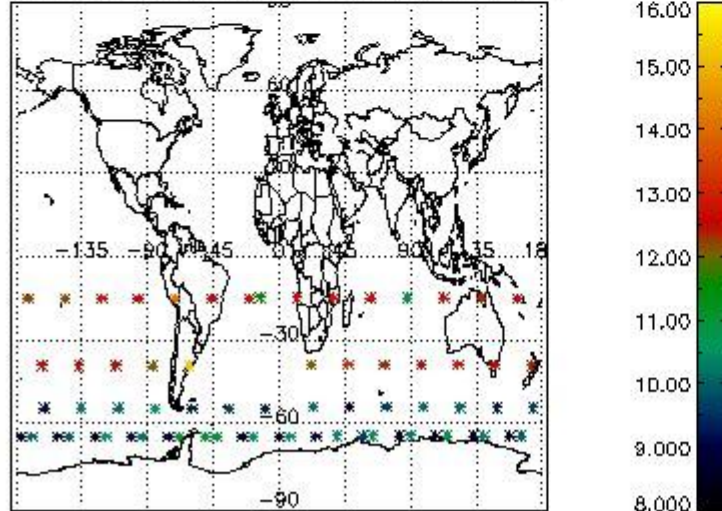
Percentage of flagged data per O3 profile



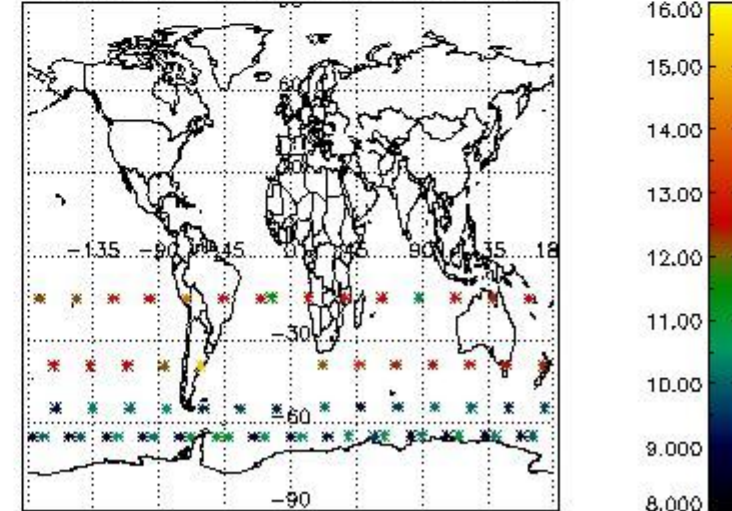
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

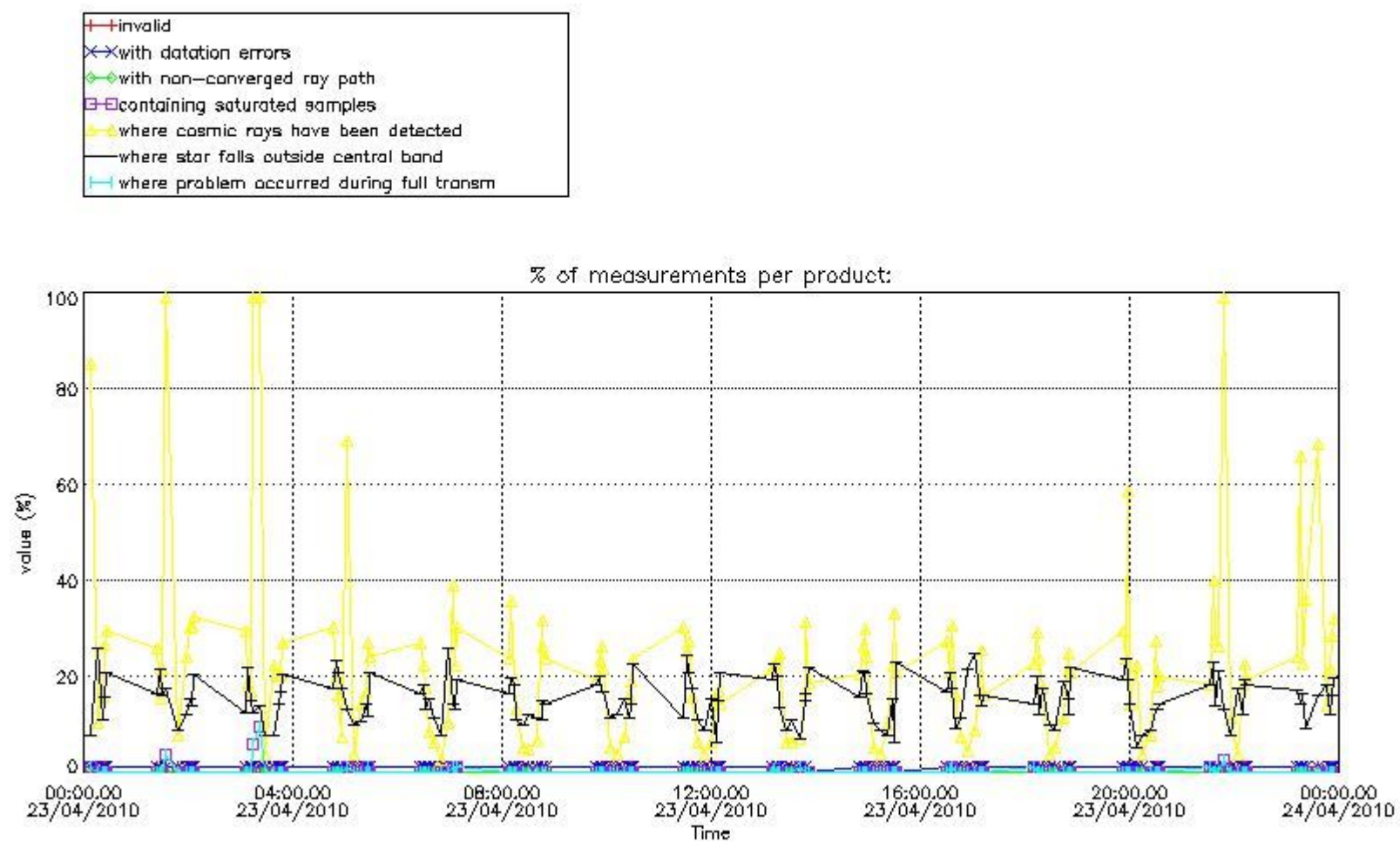


4. Level 1 quality information per product

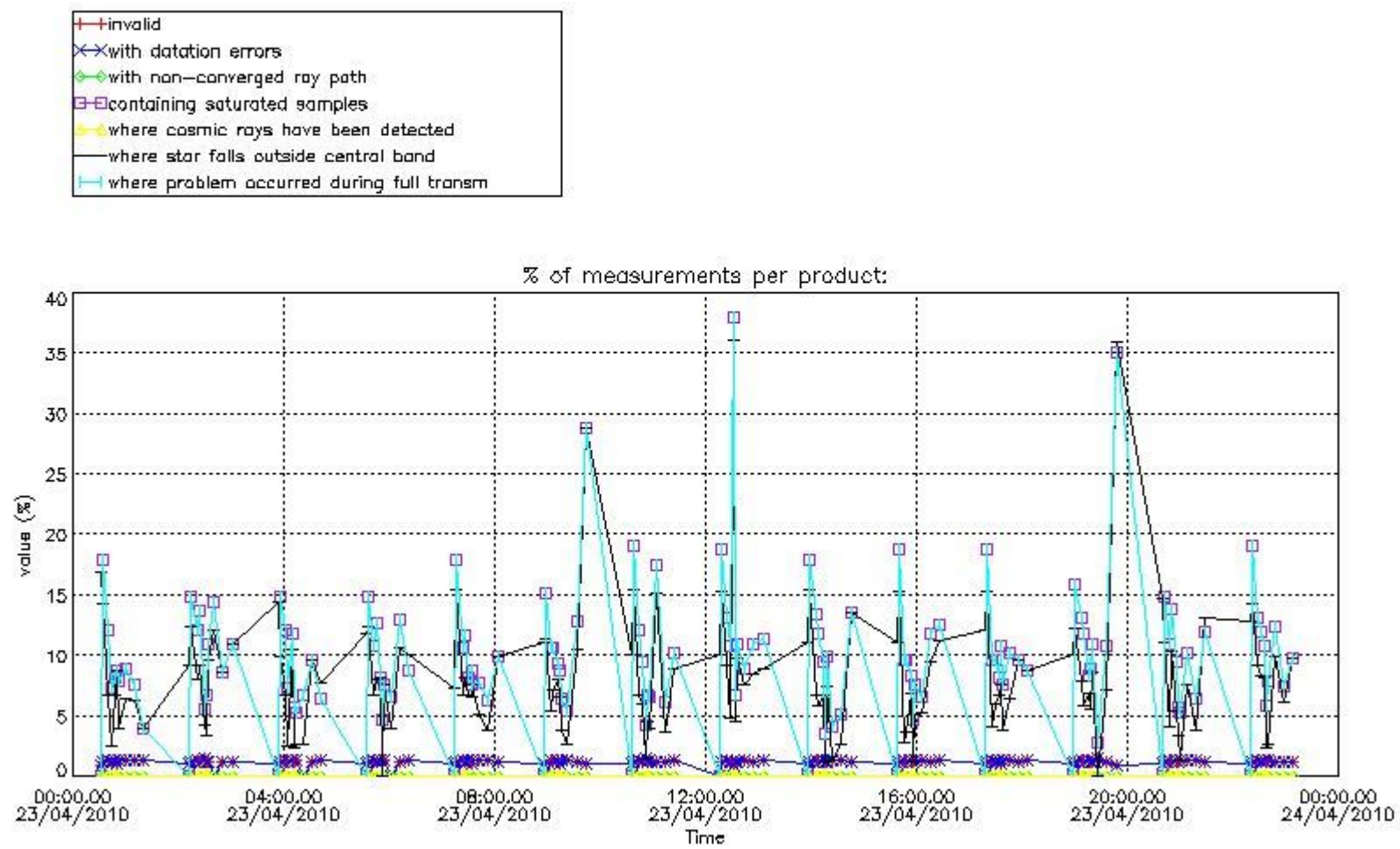
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



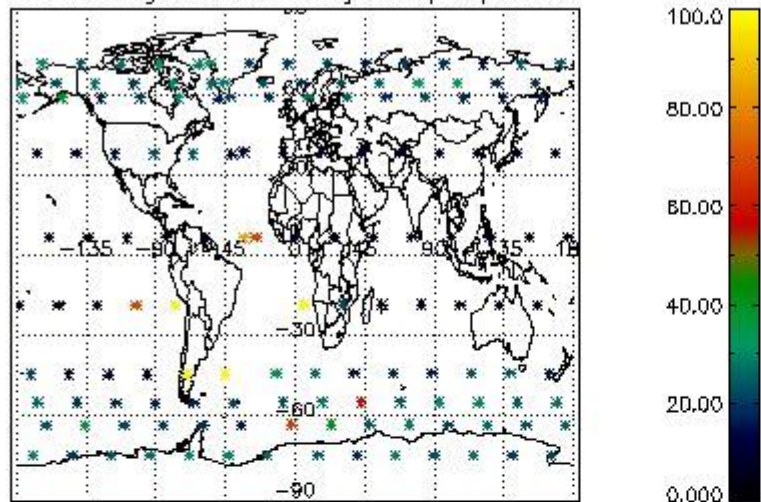
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



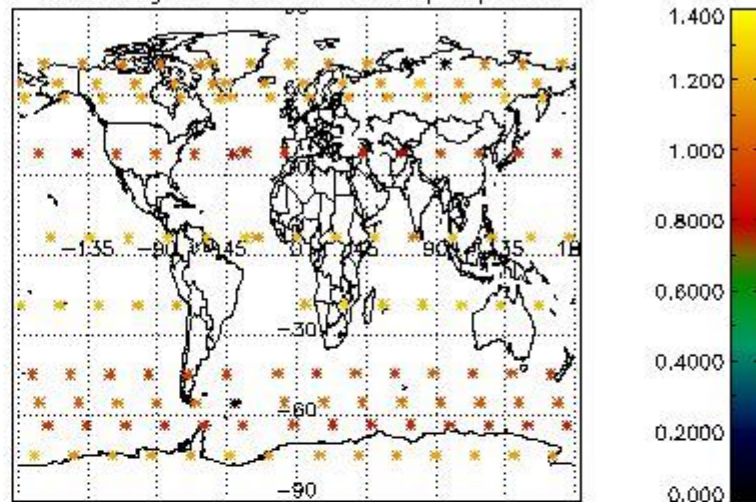
4.2 Plot quality information per product coming from level 1b processing (world map)

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

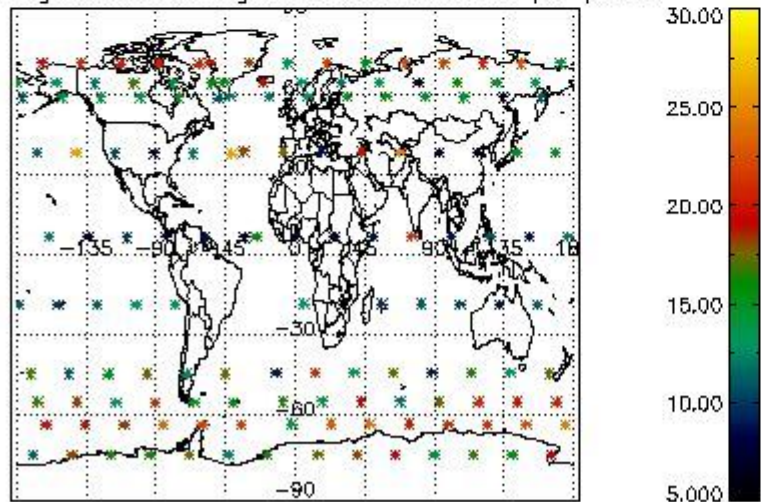
Percentage of cosmic ray hits per profile



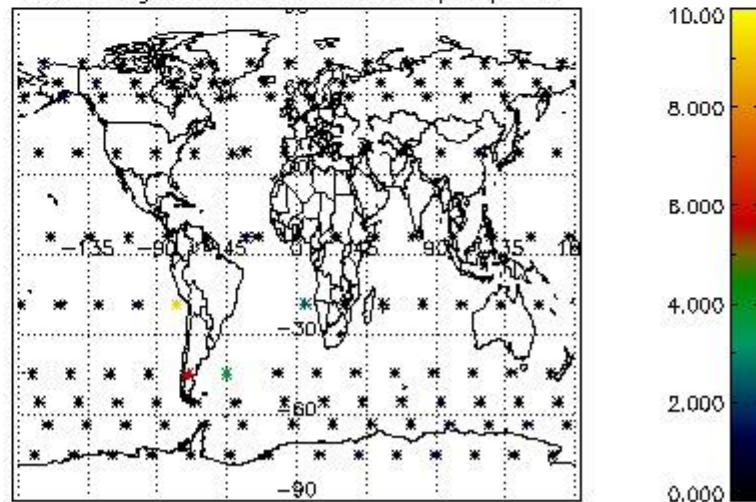
Percentage of datation errors per profile



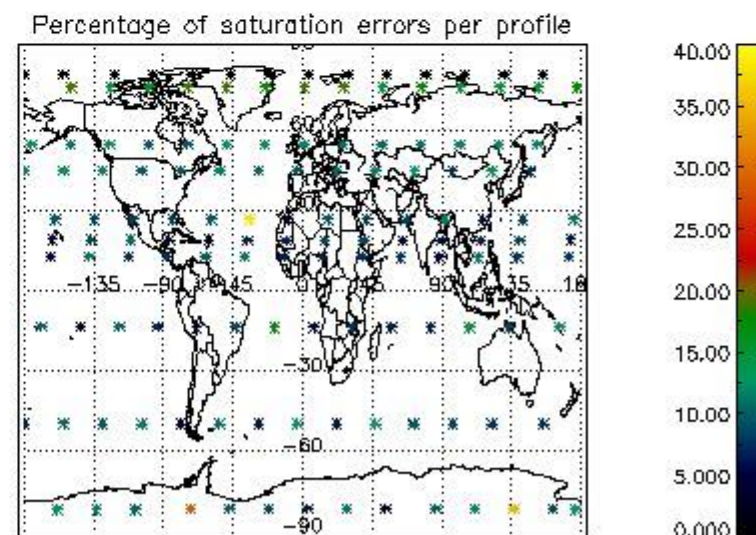
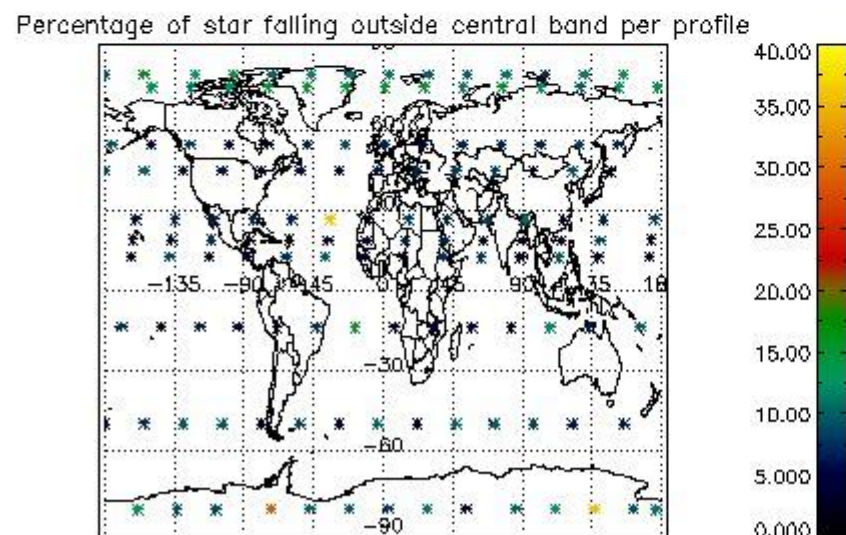
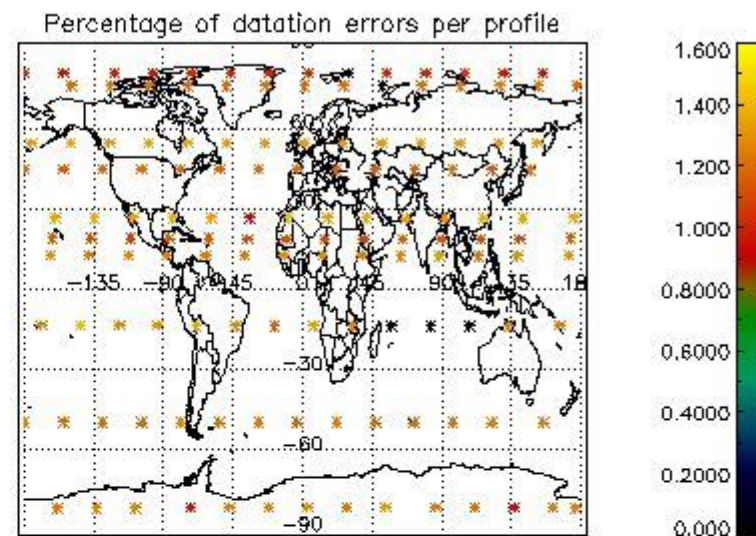
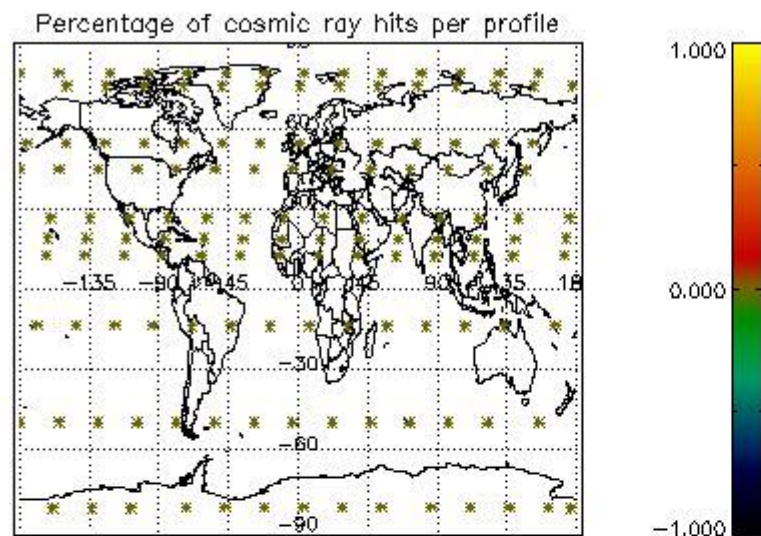
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

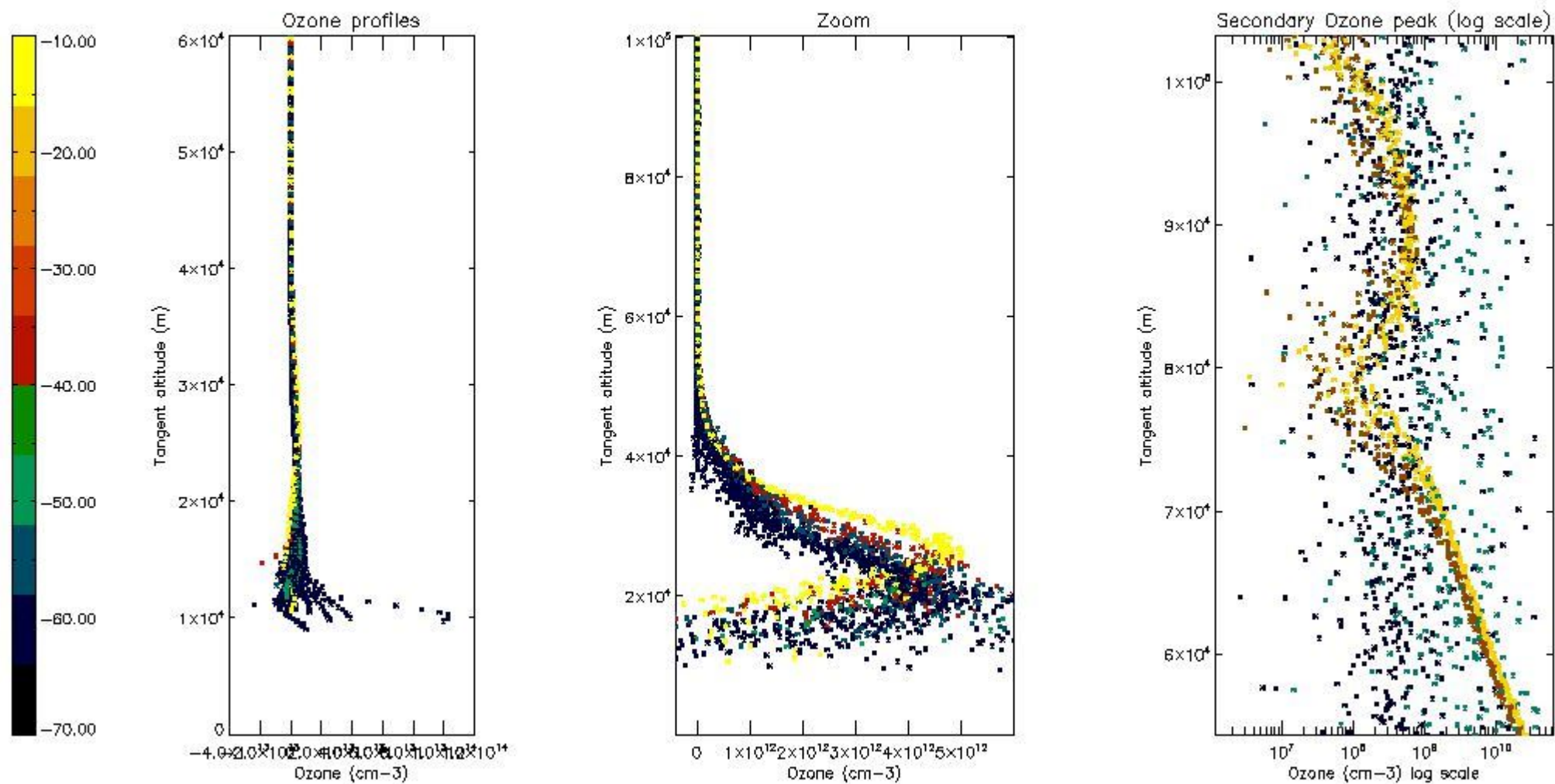
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	5
STD < 5	2

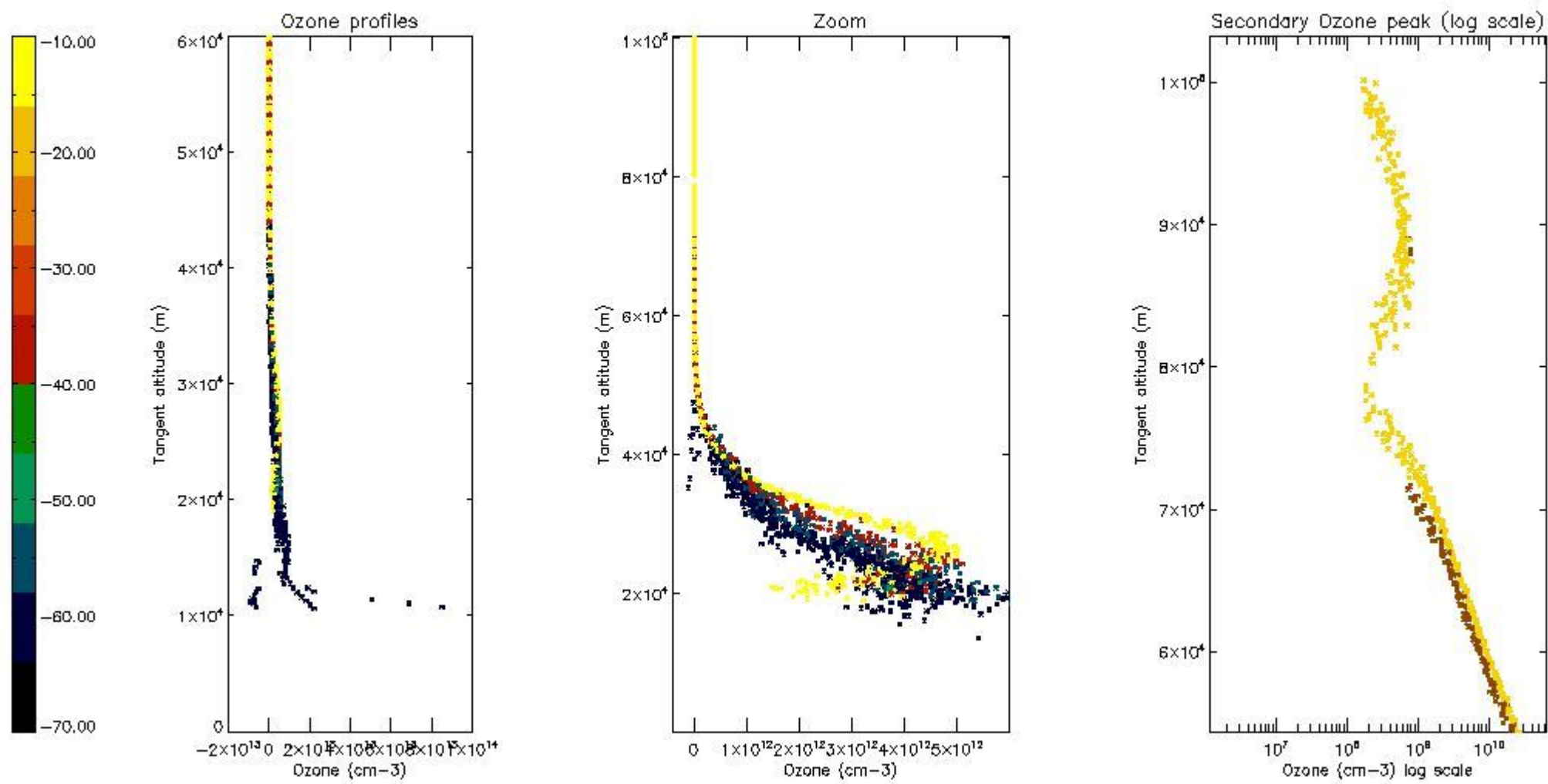
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



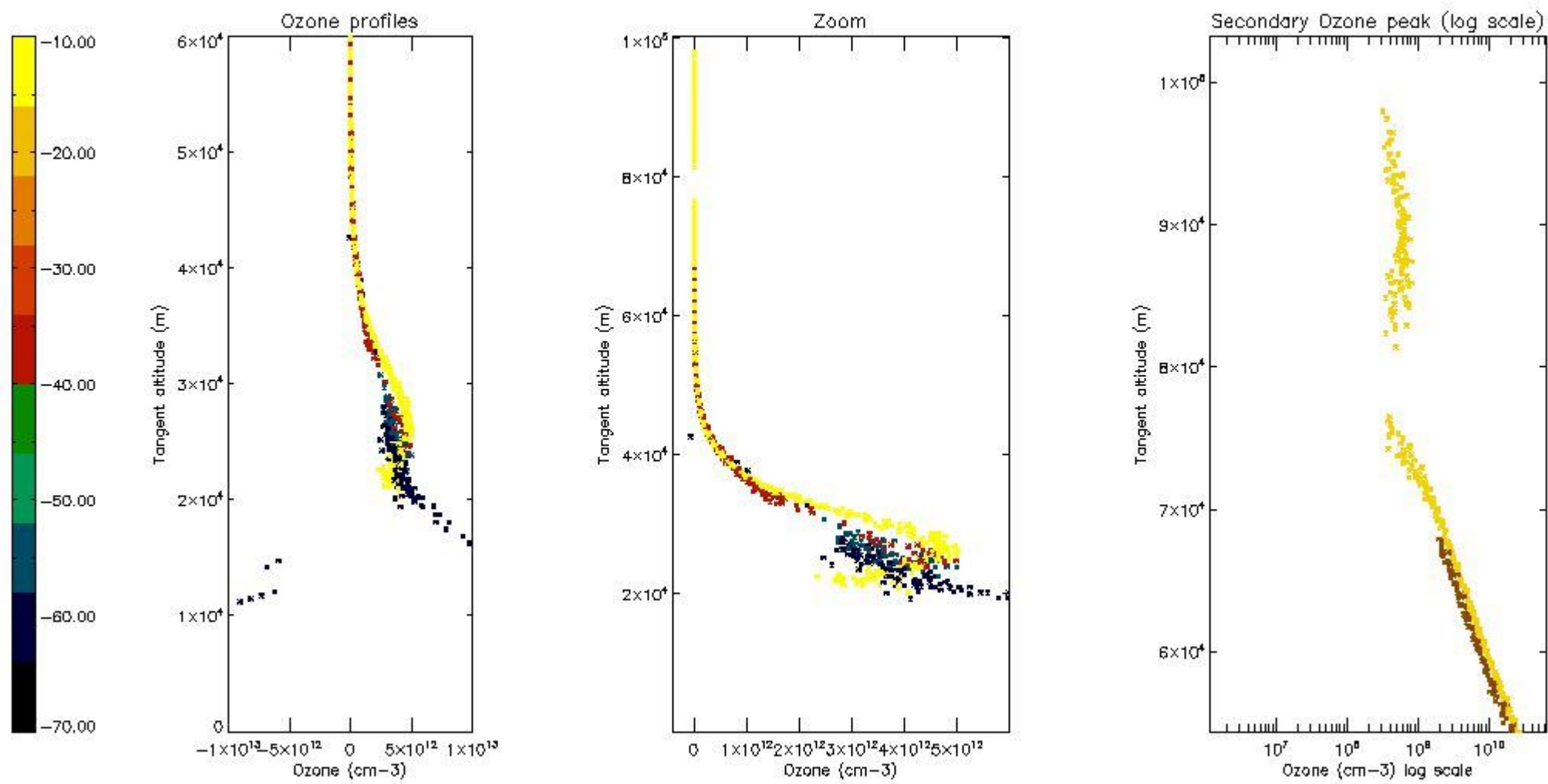
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



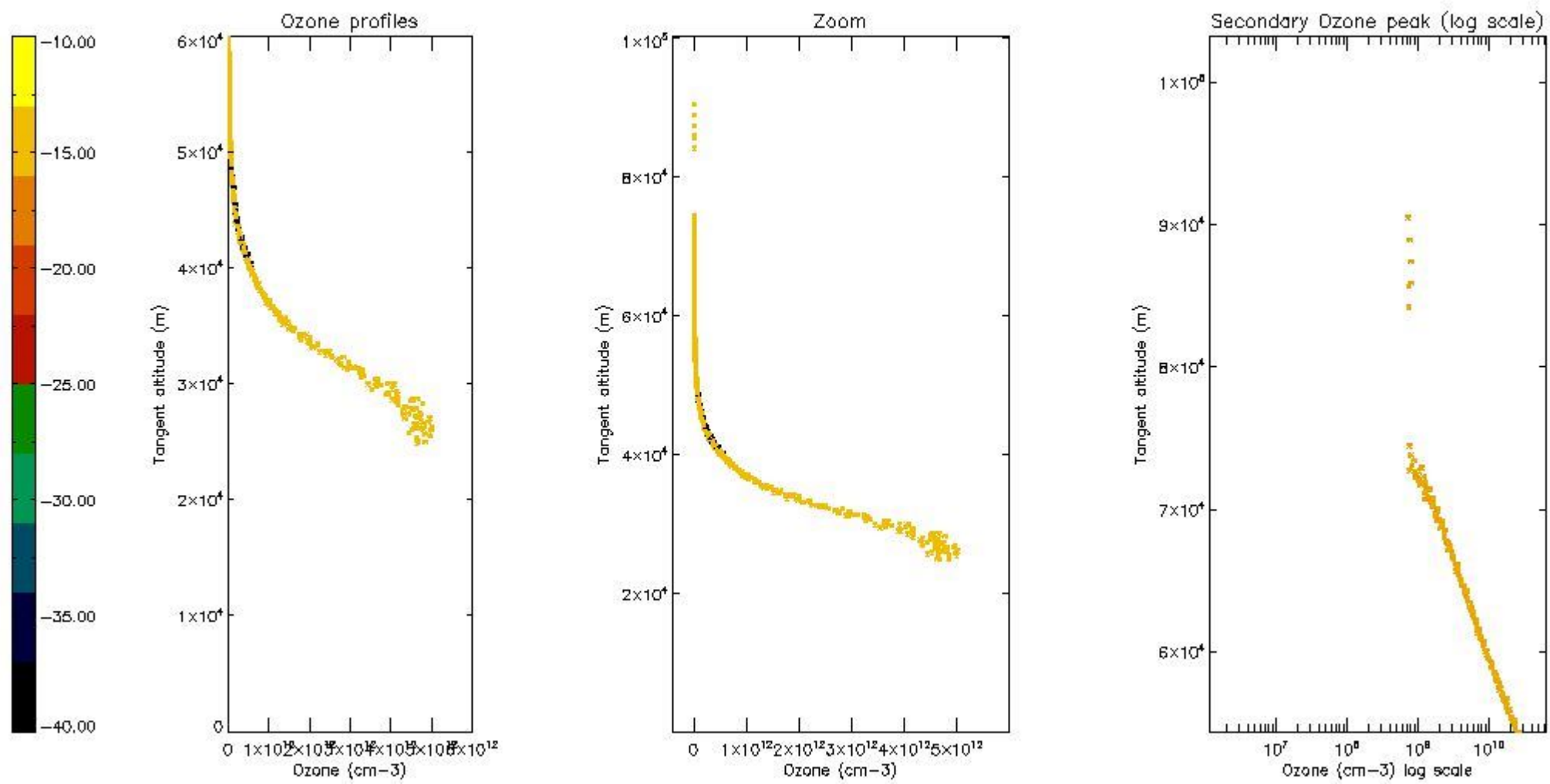
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



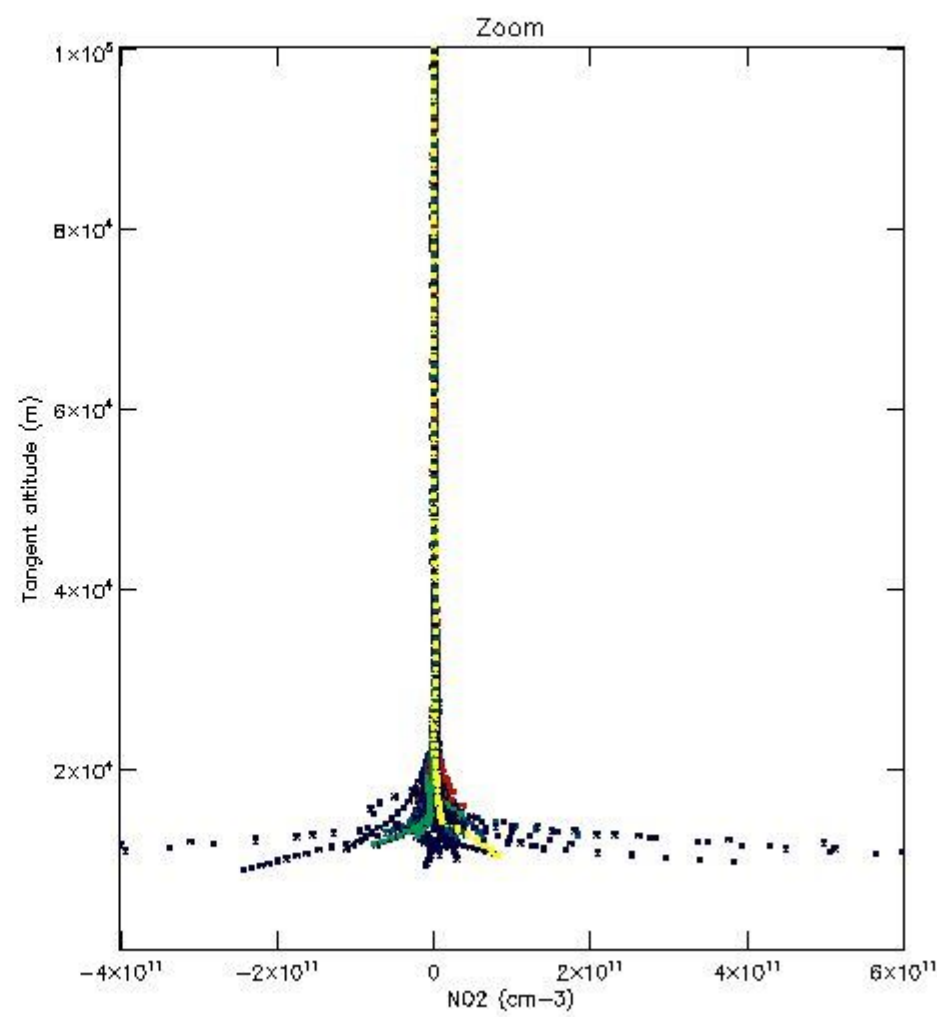
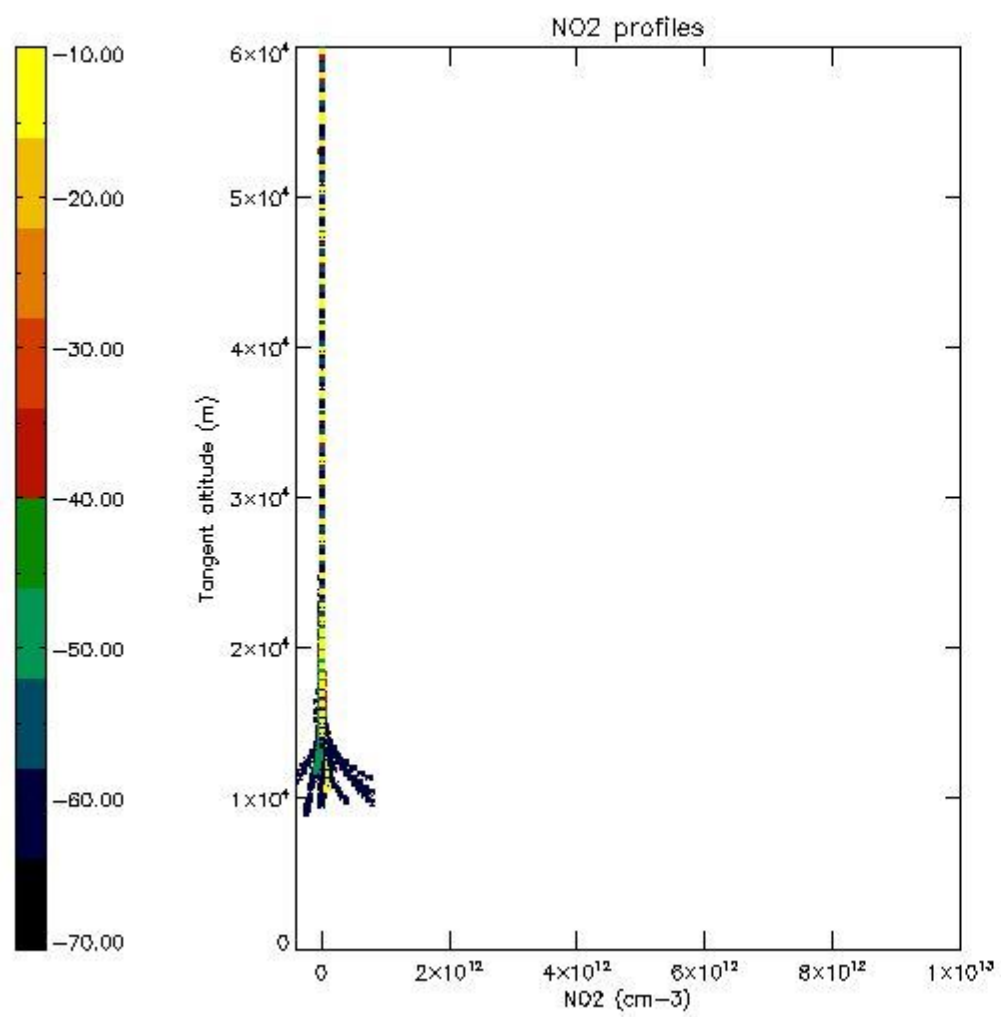
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



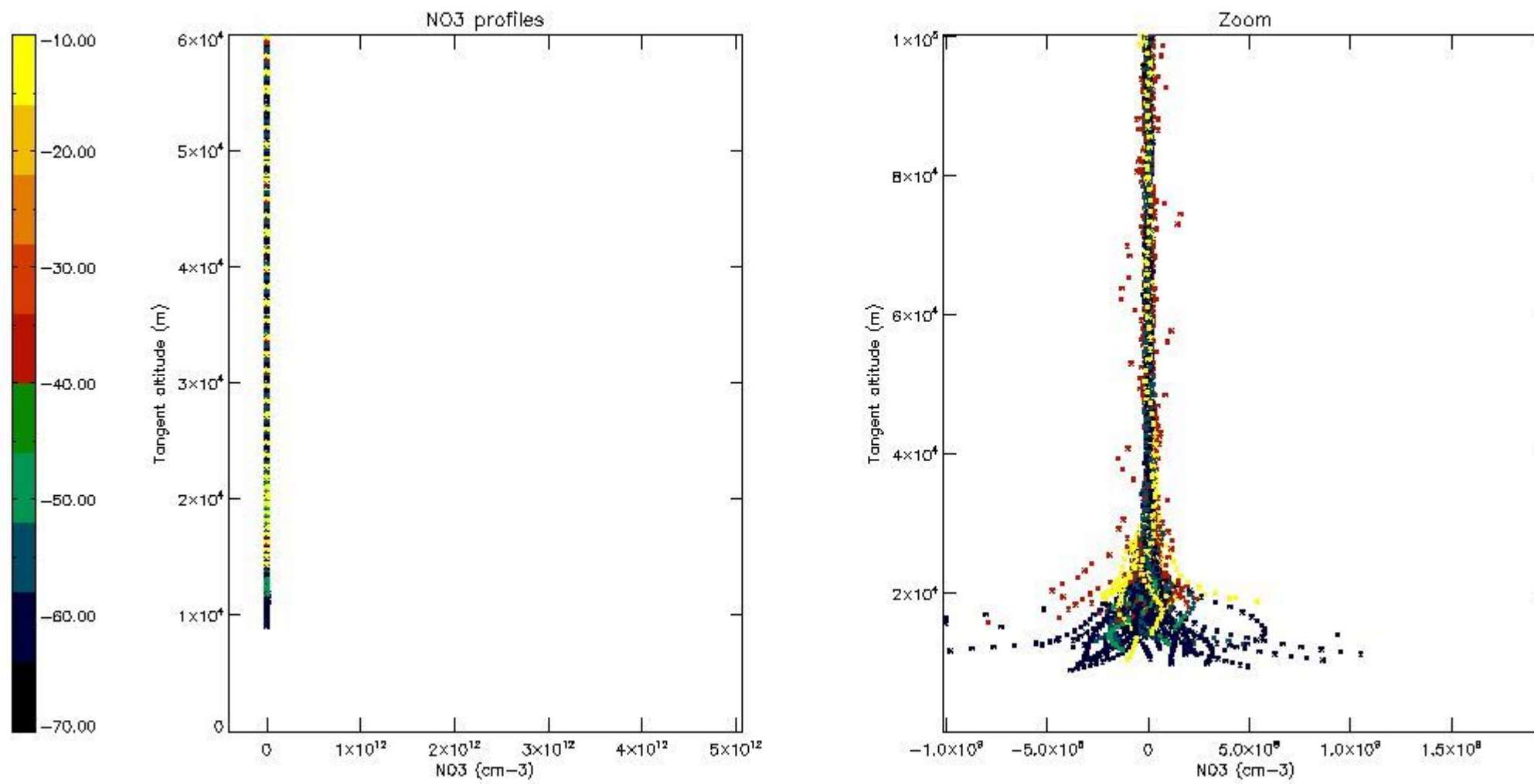
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-APR-2010 00:07:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-APR-2010 00:07:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-APR-2010 00:07:35

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	29APR2013 09:59:58
Data source version	GOMOS/6.01
Start time of products	23-04-2010 (23APR2010 00:00:00)
Stop time of products	24-04-2010 (24APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	283
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100423_000735_000000402088_00446_42584_5844.N1	23-APR-2010 00:07:35	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42584	No
2	GOM_NL__2PRFIN20100423_001623_000000642088_00446_42584_5845.N1	23-APR-2010 00:16:23	Straylight	64.000	40	The Sco	1.8590	7100.0	128	42584	No
3	GOM_NL__2PRFIN20100423_002223_000000422088_00446_42584_5846.N1	23-APR-2010 00:22:23	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42584	No
4	GOM_NL__2PRFIN20100423_002357_000000452088_00446_42584_5847.N1	23-APR-2010 00:23:57	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42584	No
5	GOM_NL__2PRFIN20100423_002611_000000462088_00446_42584_5848.N1	23-APR-2010 00:26:11	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42584	No
6	GOM_NL__2PRFIN20100423_003205_000000542088_00446_42584_5849.N1	23-APR-2010 00:32:05	Bright	53.500	122	9Alp2Lib	2.7470	9700.0	107	42584	No
7	GOM_NL__2PRFIN20100423_003406_000000422088_00446_42584_5850.N1	23-APR-2010 00:34:06	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42584	No
8	GOM_NL__2PRFIN20100423_004040_000000382088_00446_42584_5851.N1	23-APR-2010 00:40:40	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42584	No
9	GOM_NL__2PRFIN20100423_004329_000000412088_00446_42584_5852.N1	23-APR-2010 00:43:29	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	42584	No
10	GOM_NL__2PRFIN20100423_004835_000000372088_00446_42584_5853.N1	23-APR-2010 00:48:35	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42584	No
11	GOM_NL__2PRFIN20100423_005049_000000462088_00446_42584_5854.N1	23-APR-2010 00:50:49	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42584	No
12	GOM_NL__2PRFIN20100423_005232_000000392088_00446_42584_5855.N1	23-APR-2010 00:52:32	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42584	No
13	GOM_NL__2PRFIN20100423_005952_000000402088_00446_42584_5856.N1	23-APR-2010 00:59:52	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42584	No
14	GOM_NL__2PRFIN20100423_011006_000000402088_00446_42584_5857.N1	23-APR-2010 01:10:06	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42584	No
15	GOM_NL__2PRFIN20100423_012037_000000382088_00446_42584_5858.N1	23-APR-2010 01:20:37	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	42584	No
16	GOM_NL__2PRFIN20100423_012448_000000432088_00446_42584_5859.N1	23-APR-2010 01:24:48	Twilight	42.500	90	54Alp Peg	2.4870	11000.	85	42584	No
17	GOM_NL__2PRFIN20100423_012819_000000562088_00446_42584_5860.N1	23-APR-2010 01:28:19	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	42584	No
18	GOM_NL__2PRFIN20100423_013046_000000472088_00446_42584_5861.N1	23-APR-2010 01:30:46	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42584	No
19	GOM_NL__2PRFIN20100423_013349_000000552088_00446_42584_5862.N1	23-APR-2010 01:33:49	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42584	No
20	GOM_NL__2PRFIN20100423_014811_000000402088_00447_42585_5852.N1	23-APR-2010 01:48:11	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42585	No
21	GOM_NL__2PRFIN20100423_015700_000000552088_00447_42585_5853.N1	23-APR-2010 01:57:00	Straylight	54.500	40	The Sco	1.8590	7100.0	109	42585	No
22	GOM_NL__2PRFIN20100423_020259_000000432088_00447_42585_5854.N1	23-APR-2010 02:02:59	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42585	No
23	GOM_NL__2PRFIN20100423_020434_000000432088_00447_42585_5855.N1	23-APR-2010 02:04:34	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42585	No
24	GOM_NL__2PRFIN20100423_020647_000000472088_00447_42585_5856.N1	23-APR-2010 02:06:47	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42585	No
25	GOM_NL__2PRFIN20100423_021241_000000492088_00447_42585_5857.N1	23-APR-2010 02:12:41	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	42585	No
26	GOM_NL__2PRFIN20100423_021443_000000412088_00447_42585_5858.N1	23-APR-2010 02:14:43	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42585	No
27	GOM_NL__2PRFIN20100423_022116_000000382088_00447_42585_5859.N1	23-APR-2010 02:21:16	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42585	No
28	GOM_NL__2PRFIN20100423_022405_000000442088_00447_42585_5860.N1	23-APR-2010 02:24:05	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42585	No
29	GOM_NL__2PRFIN20100423_022911_000000362088_00447_42585_5861.N1	23-APR-2010 02:29:11	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	42585	No
30	GOM_NL__2PRFIN20100423_023124_000000452088_00447_42585_5862.N1	23-APR-2010 02:31:24	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42585	No
31	GOM_NL__2PRFIN20100423_023308_000000422088_00447_42585_5863.N1	23-APR-2010 02:33:08	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	42585	No
32	GOM_NL__2PRFIN20100423_024028_000000422088_00447_42585_5864.N1	23-APR-2010 02:40:28	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42585	No
33	GOM_NL__2PRFIN20100423_025041_000000412088_00447_42585_5865.N1	23-APR-2010 02:50:41	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42585	No
34	GOM_NL__2PRFIN20100423_030113_000000412088_00447_42585_5866.N1	23-APR-2010 03:01:13	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	42585	No
35	GOM_NL__2PRFIN20100423_030524_000000412088_00447_42585_5867.N1	23-APR-2010 03:05:24	Twilight	40.500	90	54Alp Peg	2.4870	11000.	81	42585	No
36	GOM_NL__2PRFIN20100423_030855_000000572088_00447_42585_5868.N1	23-APR-2010 03:08:55	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	42585	No
37	GOM_NL__2PRFIN20100423_031122_000000482088_00447_42585_5869.N1	23-APR-2010 03:11:22	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	42585	No
38	GOM_NL__2PRFIN20100423_031425_000000522088_00447_42585_5870.N1	23-APR-2010 03:14:25	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	42585	No
39	GOM_NL__2PRFIN20100423_032143_000000432088_00447_42585_5871.N1	23-APR-2010 03:21:43	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42585	No
40	GOM_NL__2PRFIN20100423_032848_000000402088_00448_42586_5860.N1	23-APR-2010 03:28:48	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42586	No
41	GOM_NL__2PRFIN20100423_033737_000000522088_00448_42586_5861.N1	23-APR-2010 03:37:37	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42586	No
42	GOM_NL__2PRFIN20100423_034335_000000432088_00448_42586_5862.N1	23-APR-2010 03:43:35	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42586	No

43	GOM_NL__2PRFIN20100423_034510_000000452088_00448_42586_5863.N1	23-APR-2010 03:45:10	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42586	No
44	GOM_NL__2PRFIN20100423_034723_000000472088_00448_42586_5864.N1	23-APR-2010 03:47:23	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42586	No
45	GOM_NL__2PRFIN20100423_035317_000000522088_00448_42586_5865.N1	23-APR-2010 03:53:17	Bright	52.000	122	9Alp2Lib	2.7470	9700.0	104	42586	No
46	GOM_NL__2PRFIN20100423_035518_000000412088_00448_42586_5866.N1	23-APR-2010 03:55:18	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42586	No
47	GOM_NL__2PRFIN20100423_040152_000000382088_00448_42586_5867.N1	23-APR-2010 04:01:52	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42586	No
48	GOM_NL__2PRFIN20100423_040440_000000412088_00448_42586_5868.N1	23-APR-2010 04:04:40	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	42586	No
49	GOM_NL__2PRFIN20100423_040947_000000382088_00448_42586_5869.N1	23-APR-2010 04:09:47	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42586	No
50	GOM_NL__2PRFIN20100423_041159_000000442088_00448_42586_5870.N1	23-APR-2010 04:11:59	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	42586	No
51	GOM_NL__2PRFIN20100423_041343_000000382088_00448_42586_5871.N1	23-APR-2010 04:13:43	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	42586	No
52	GOM_NL__2PRFIN20100423_042104_000000382088_00448_42586_5872.N1	23-APR-2010 04:21:04	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	42586	No
53	GOM_NL__2PRFIN20100423_043117_000000422088_00448_42586_5873.N1	23-APR-2010 04:31:17	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42586	No
54	GOM_NL__2PRFIN20100423_044150_000000392088_00448_42586_5874.N1	23-APR-2010 04:41:50	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	42586	No
55	GOM_NL__2PRFIN20100423_044600_000000432088_00448_42586_5875.N1	23-APR-2010 04:46:00	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42586	No
56	GOM_NL__2PRFIN20100423_044931_000000582088_00448_42586_5876.N1	23-APR-2010 04:49:31	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	42586	No
57	GOM_NL__2PRFIN20100423_045159_000000512088_00448_42586_5877.N1	23-APR-2010 04:51:59	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	42586	No
58	GOM_NL__2PRFIN20100423_045502_000000552088_00448_42586_5878.N1	23-APR-2010 04:55:02	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42586	No
59	GOM_NL__2PRFIN20100423_050220_000000422088_00448_42586_5879.N1	23-APR-2010 05:02:20	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42586	No
60	GOM_NL__2PRFIN20100423_050925_000000412088_00449_42587_5868.N1	23-APR-2010 05:09:25	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42587	No
61	GOM_NL__2PRFIN20100423_051814_000000532088_00449_42587_5869.N1	23-APR-2010 05:18:14	Straylight	53.000	40	The Sco	1.8590	7100.0	106	42587	No
62	GOM_NL__2PRFIN20100423_052412_000000422088_00449_42587_5870.N1	23-APR-2010 05:24:12	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42587	No
63	GOM_NL__2PRFIN20100423_052546_000000432088_00449_42587_5871.N1	23-APR-2010 05:25:46	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42587	No
64	GOM_NL__2PRFIN20100423_052800_000000462088_00449_42587_5872.N1	23-APR-2010 05:28:00	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42587	No
65	GOM_NL__2PRFIN20100423_053353_000000512088_00449_42587_5873.N1	23-APR-2010 05:33:53	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42587	No
66	GOM_NL__2PRFIN20100423_053554_000000412088_00449_42587_5874.N1	23-APR-2010 05:35:54	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42587	No
67	GOM_NL__2PRFIN20100423_054228_000000372088_00449_42587_5875.N1	23-APR-2010 05:42:28	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42587	No
68	GOM_NL__2PRFIN20100423_054516_000000442088_00449_42587_5876.N1	23-APR-2010 05:45:16	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42587	No
69	GOM_NL__2PRFIN20100423_055023_000000372088_00449_42587_5877.N1	23-APR-2010 05:50:23	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42587	No
70	GOM_NL__2PRFIN20100423_055234_000000432088_00449_42587_5878.N1	23-APR-2010 05:52:34	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42587	No
71	GOM_NL__2PRFIN20100423_055419_000000402088_00449_42587_5879.N1	23-APR-2010 05:54:19	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42587	No
72	GOM_NL__2PRFIN20100423_060139_000000382088_00449_42587_5880.N1	23-APR-2010 06:01:39	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42587	No
73	GOM_NL__2PRFIN20100423_061153_000000432088_00449_42587_5881.N1	23-APR-2010 06:11:53	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42587	No
74	GOM_NL__2PRFIN20100423_062226_000000402088_00449_42587_5882.N1	23-APR-2010 06:22:26	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42587	No
75	GOM_NL__2PRFIN20100423_062637_000000432088_00449_42587_5883.N1	23-APR-2010 06:26:37	Tw_i_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42587	No
76	GOM_NL__2PRFIN20100423_063008_000000552088_00449_42587_5884.N1	23-APR-2010 06:30:08	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	42587	No
77	GOM_NL__2PRFIN20100423_063236_000000462088_00449_42587_5885.N1	23-APR-2010 06:32:36	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42587	No
78	GOM_NL__2PRFIN20100423_063539_000000532088_00449_42587_5886.N1	23-APR-2010 06:35:39	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	42587	No
79	GOM_NL__2PRFIN20100423_064257_000000412088_00449_42587_5887.N1	23-APR-2010 06:42:57	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42587	No
80	GOM_NL__2PRFIN20100423_065002_000000402088_00450_42588_5886.N1	23-APR-2010 06:50:02	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42588	No
81	GOM_NL__2PRFIN20100423_065851_000000642088_00450_42588_5887.N1	23-APR-2010 06:58:51	Straylight	63.500	40	The Sco	1.8590	7100.0	127	42588	No
82	GOM_NL__2PRFIN20100423_070448_000000432088_00450_42588_5888.N1	23-APR-2010 07:04:48	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42588	No
83	GOM_NL__2PRFIN20100423_070623_000000432088_00450_42588_5889.N1	23-APR-2010 07:06:23	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42588	No
84	GOM_NL__2PRFIN20100423_070836_000000452088_00450_42588_5890.N1	23-APR-2010 07:08:36	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	42588	No
85	GOM_NL__2PRFIN20100423_071429_000000482088_00450_42588_5891.N1	23-APR-2010 07:14:29	Bright	48.000	122	9Alp2Lib	2.7470	9700.0	96	42588	No
86	GOM_NL__2PRFIN20100423_071631_000000422088_00450_42588_5892.N1	23-APR-2010 07:16:31	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42588	No
87	GOM_NL__2PRFIN20100423_072304_000000382088_00450_42588_5893.N1	23-APR-2010 07:23:04	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42588	No
88	GOM_NL__2PRFIN20100423_072552_000000432088_00450_42588_5894.N1	23-APR-2010 07:25:52	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	42588	No
89	GOM_NL__2PRFIN20100423_073058_000000372088_00450_42588_5895.N1	23-APR-2010 07:30:58	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42588	No
90	GOM_NL__2PRFIN20100423_073310_000000462088_00450_42588_5896.N1	23-APR-2010 07:33:10	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42588	No
91	GOM_NL__2PRFIN20100423_073454_000000402088_00450_42588_5897.N1	23-APR-2010 07:34:54	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42588	No
92	GOM_NL__2PRFIN20100423_074215_000000392088_00450_42588_5898.N1	23-APR-2010 07:42:15	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42588	No
93	GOM_NL__2PRFIN20100423_075229_000000402088_00450_42588_5899.N1	23-APR-2010 07:52:29	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42588	No
94	GOM_NL__2PRFIN20100423_080302_000000412088_00450_42588_5900.N1	23-APR-2010 08:03:02	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	42588	No
95	GOM_NL__2PRFIN20100423_080713_000000432088_00450_42588_5901.N1	23-APR-2010 08:07:13	Tw_i_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42588	No
96	GOM_NL__2PRFIN20100423_081045_000000562088_00450_42588_5902.N1	23-APR-2010 08:10:45	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42588	No
97	GOM_NL__2PRFIN20100423_081312_000000502088_00450_42588_5903.N1	23-APR-2010 08:13:12	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	42588	No
98	GOM_NL__2PRFIN20100423_081616_000000502088_00450_42588_5904.N1	23-APR-2010 08:16:16	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42588	No
99	GOM_NL__2PRFIN20100423_082333_000000412088_00450_42588_5905.N1	23-APR-2010 08:23:33	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42588	No
100	GOM_NL__2PRFIN20100423_083038_000000422088_00451_42589_5889.N1	23-APR-2010 08:30:38	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42589	No
101	GOM_NL__2PRFIN20100423_083928_000000532088_00451_42589_5890.N1	23-APR-2010 08:39:28	Straylight	53.000	40	The Sco	1.8590	7100.0	106	42589	No

102	GOM_NL__2PRFIN20100423_084525_000000412088_00451_42589_5891.N1	23-APR-2010 08:45:25	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42589	No
103	GOM_NL__2PRFIN20100423_084659_000000442088_00451_42589_5892.N1	23-APR-2010 08:46:59	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42589	No
104	GOM_NL__2PRFIN20100423_084912_000000432088_00451_42589_5893.N1	23-APR-2010 08:49:12	Straylight	42.500	54	5The Cen	2.0550	4500.0	85	42589	No
105	GOM_NL__2PRFIN20100423_085505_000000502088_00451_42589_5894.N1	23-APR-2010 08:55:05	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42589	No
106	GOM_NL__2PRFIN20100423_085707_000000402088_00451_42589_5895.N1	23-APR-2010 08:57:07	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	42589	No
107	GOM_NL__2PRFIN20100423_090340_000000382088_00451_42589_5896.N1	23-APR-2010 09:03:40	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42589	No
108	GOM_NL__2PRFIN20100423_090627_000000432088_00451_42589_5897.N1	23-APR-2010 09:06:27	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42589	No
109	GOM_NL__2PRFIN20100423_091134_000000382088_00451_42589_5898.N1	23-APR-2010 09:11:34	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42589	No
110	GOM_NL__2PRFIN20100423_091345_000000462088_00451_42589_5899.N1	23-APR-2010 09:13:45	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42589	No
111	GOM_NL__2PRFIN20100423_091530_000000392088_00451_42589_5900.N1	23-APR-2010 09:15:30	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42589	No
112	GOM_NL__2PRFIN20100423_092251_000000382088_00451_42589_5901.N1	23-APR-2010 09:22:51	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	42589	No
113	GOM_NL__2PRFIN20100423_093304_000000432088_00451_42589_5902.N1	23-APR-2010 09:33:04	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42589	No
114	GOM_NL__2PRFIN20100423_094337_000000522088_00451_42589_5903.N1	23-APR-2010 09:43:37	Bright	52.000	164	44Eta Peg	2.9480	5400.0	104	42589	No
115	GOM_NL__2PRFIN20100423_094749_000000442088_00451_42589_5904.N1	23-APR-2010 09:47:49	Tw_i_and_stray	44.000	90	54Alp Peg	2.4870	11000.	88	42589	No
116	GOM_NL__2PRFIN20100423_095121_000000562088_00451_42589_5905.N1	23-APR-2010 09:51:21	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	42589	No
117	GOM_NL__2PRFIN20100423_095349_000000482088_00451_42589_5906.N1	23-APR-2010 09:53:49	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	42589	No
118	GOM_NL__2PRFIN20100423_095653_000000542088_00451_42589_5907.N1	23-APR-2010 09:56:53	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	42589	No
119	GOM_NL__2PRFIN20100423_100410_000000412088_00451_42589_5908.N1	23-APR-2010 10:04:10	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42589	No
120	GOM_NL__2PRFIN20100423_101114_000000422088_00452_42590_5897.N1	23-APR-2010 10:11:14	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42590	No
121	GOM_NL__2PRFIN20100423_102005_000000562088_00452_42590_5898.N1	23-APR-2010 10:20:05	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42590	No
122	GOM_NL__2PRFIN20100423_102601_000000412088_00452_42590_5899.N1	23-APR-2010 10:26:01	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	42590	No
123	GOM_NL__2PRFIN20100423_102735_000000432088_00452_42590_5900.N1	23-APR-2010 10:27:35	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42590	No
124	GOM_NL__2PRFIN20100423_102948_000000472088_00452_42590_5901.N1	23-APR-2010 10:29:48	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42590	No
125	GOM_NL__2PRFIN20100423_103541_000000502088_00452_42590_5902.N1	23-APR-2010 10:35:41	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42590	No
126	GOM_NL__2PRFIN20100423_103743_000000422088_00452_42590_5903.N1	23-APR-2010 10:37:43	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42590	No
127	GOM_NL__2PRFIN20100423_104416_000000382088_00452_42590_5904.N1	23-APR-2010 10:44:16	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42590	No
128	GOM_NL__2PRFIN20100423_104703_000000422088_00452_42590_5905.N1	23-APR-2010 10:47:03	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42590	No
129	GOM_NL__2PRFIN20100423_105210_000000352088_00452_42590_5906.N1	23-APR-2010 10:52:10	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	42590	No
130	GOM_NL__2PRFIN20100423_105420_000000452088_00452_42590_5907.N1	23-APR-2010 10:54:20	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42590	No
131	GOM_NL__2PRFIN20100423_105605_000000392088_00452_42590_5908.N1	23-APR-2010 10:56:05	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42590	No
132	GOM_NL__2PRFIN20100423_110327_000000432088_00452_42590_5909.N1	23-APR-2010 11:03:27	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	42590	No
133	GOM_NL__2PRFIN20100423_111340_000000412088_00452_42590_5910.N1	23-APR-2010 11:13:40	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42590	No
134	GOM_NL__2PRFIN20100423_112440_000000402088_00452_42590_5911.N1	23-APR-2010 11:24:40	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	42590	No
135	GOM_NL__2PRFIN20100423_112825_000000402088_00452_42590_5912.N1	23-APR-2010 11:28:25	Tw_i_and_stray	40.000	90	54Alp Peg	2.4870	11000.	80	42590	No
136	GOM_NL__2PRFIN20100423_113157_000000602088_00452_42590_5913.N1	23-APR-2010 11:31:57	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	42590	No
137	GOM_NL__2PRFIN20100423_113425_000000512088_00452_42590_5914.N1	23-APR-2010 11:34:25	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	42590	No
138	GOM_NL__2PRFIN20100423_113729_000000552088_00452_42590_5915.N1	23-APR-2010 11:37:29	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42590	No
139	GOM_NL__2PRFIN20100423_114446_000000412088_00452_42590_5916.N1	23-APR-2010 11:44:46	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42590	No
140	GOM_NL__2PRFIN20100423_115151_000000412088_00453_42591_5905.N1	23-APR-2010 11:51:51	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42591	No
141	GOM_NL__2PRFIN20100423_120042_000000562088_00453_42591_5906.N1	23-APR-2010 12:00:42	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42591	No
142	GOM_NL__2PRFIN20100423_120637_000000402088_00453_42591_5907.N1	23-APR-2010 12:06:37	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	42591	No
143	GOM_NL__2PRFIN20100423_120811_000000442088_00453_42591_5908.N1	23-APR-2010 12:08:11	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42591	No
144	GOM_NL__2PRFIN20100423_121024_000000462088_00453_42591_5909.N1	23-APR-2010 12:10:24	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42591	No
145	GOM_NL__2PRFIN20100423_121617_000000502088_00453_42591_5910.N1	23-APR-2010 12:16:17	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42591	No
146	GOM_NL__2PRFIN20100423_121818_000000432088_00453_42591_5911.N1	23-APR-2010 12:18:18	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42591	No
147	GOM_NL__2PRFIN20100423_122452_000000382088_00453_42591_5912.N1	23-APR-2010 12:24:52	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42591	No
148	GOM_NL__2PRFIN20100423_122739_000000422088_00453_42591_5913.N1	23-APR-2010 12:27:39	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42591	No
149	GOM_NL__2PRFIN20100423_123246_000000542088_00453_42591_5914.N1	23-APR-2010 12:32:46	Bright	54.000	152	12Alp2CVn	2.8900	11000.	108	42591	No
150	GOM_NL__2PRFIN20100423_123456_000000452088_00453_42591_5915.N1	23-APR-2010 12:34:56	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	42591	No
151	GOM_NL__2PRFIN20100423_123641_000000412088_00453_42591_5916.N1	23-APR-2010 12:36:41	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42591	No
152	GOM_NL__2PRFIN20100423_124402_000000402088_00453_42591_5917.N1	23-APR-2010 12:44:02	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42591	No
153	GOM_NL__2PRFIN20100423_125415_000000422088_00453_42591_5918.N1	23-APR-2010 12:54:15	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42591	No
154	GOM_NL__2PRFIN20100423_130516_000000402088_00453_42591_5919.N1	23-APR-2010 13:05:16	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	42591	No
155	GOM_NL__2PRFIN20100423_130901_000000442088_00453_42591_5920.N1	23-APR-2010 13:09:01	Tw_i_and_stray	44.000	90	54Alp Peg	2.4870	11000.	88	42591	No
156	GOM_NL__2PRFIN20100423_131234_000000582088_00453_42591_5921.N1	23-APR-2010 13:12:34	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	42591	No
157	GOM_NL__2PRFIN20100423_131502_000000502088_00453_42591_5922.N1	23-APR-2010 13:15:02	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42591	No
158	GOM_NL__2PRFIN20100423_131806_000000532088_00453_42591_5923.N1	23-APR-2010 13:18:06	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	42591	No
159	GOM_NL__2PRFIN20100423_132522_000000412088_00453_42591_5924.N1	23-APR-2010 13:25:22	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42591	No
160	GOM_NL__2PRFIN20100423_133227_000000412088_00454_42592_5933.N1	23-APR-2010 13:32:27	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42592	No

161	GOM_NL__2PRFIN20100423_134119_000000512088_00454_42592_5934.N1	23-APR-2010 13:41:19	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42592	No
162	GOM_NL__2PRFIN20100423_134713_000000442088_00454_42592_5935.N1	23-APR-2010 13:47:13	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42592	No
163	GOM_NL__2PRFIN20100423_134848_000000432088_00454_42592_5936.N1	23-APR-2010 13:48:48	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42592	No
164	GOM_NL__2PRFIN20100423_135101_000000462088_00454_42592_5937.N1	23-APR-2010 13:51:01	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42592	No
165	GOM_NL__2PRFIN20100423_135653_000000502088_00454_42592_5938.N1	23-APR-2010 13:56:53	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42592	No
166	GOM_NL__2PRFIN20100423_135855_000000422088_00454_42592_5939.N1	23-APR-2010 13:58:55	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42592	No
167	GOM_NL__2PRFIN20100423_140528_000000382088_00454_42592_5940.N1	23-APR-2010 14:05:28	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42592	No
168	GOM_NL__2PRFIN20100423_140814_000000432088_00454_42592_5941.N1	23-APR-2010 14:08:14	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42592	No
169	GOM_NL__2PRFIN20100423_141321_000000372088_00454_42592_5942.N1	23-APR-2010 14:13:21	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42592	No
170	GOM_NL__2PRFIN20100423_141531_000000442088_00454_42592_5943.N1	23-APR-2010 14:15:31	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	42592	No
171	GOM_NL__2PRFIN20100423_141717_000000412088_00454_42592_5944.N1	23-APR-2010 14:17:17	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42592	No
172	GOM_NL__2PRFIN20100423_142438_000000372088_00454_42592_5945.N1	23-APR-2010 14:24:38	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42592	No
173	GOM_NL__2PRFIN20100423_143451_000000392088_00454_42592_5946.N1	23-APR-2010 14:34:51	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42592	No
174	GOM_NL__2PRFIN20100423_144552_000000412088_00454_42592_5947.N1	23-APR-2010 14:45:52	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	42592	No
175	GOM_NL__2PRFIN20100423_144937_000000422088_00454_42592_5948.N1	23-APR-2010 14:49:37	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42592	No
176	GOM_NL__2PRFIN20100423_145310_000000572088_00454_42592_5949.N1	23-APR-2010 14:53:10	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	42592	No
177	GOM_NL__2PRFIN20100423_145538_000000512088_00454_42592_5950.N1	23-APR-2010 14:55:38	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	42592	No
178	GOM_NL__2PRFIN20100423_145843_000000552088_00454_42592_5951.N1	23-APR-2010 14:58:43	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42592	No
179	GOM_NL__2PRFIN20100423_150559_000000402088_00454_42592_5952.N1	23-APR-2010 15:05:59	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42592	No
180	GOM_NL__2PRFIN20100423_151304_000000402088_00455_42593_5941.N1	23-APR-2010 15:13:04	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42593	No
181	GOM_NL__2PRFIN20100423_152156_000000522088_00455_42593_5942.N1	23-APR-2010 15:21:56	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42593	No
182	GOM_NL__2PRFIN20100423_152750_000000432088_00455_42593_5943.N1	23-APR-2010 15:27:50	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42593	No
183	GOM_NL__2PRFIN20100423_152924_000000402088_00455_42593_5944.N1	23-APR-2010 15:29:24	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	42593	No
184	GOM_NL__2PRFIN20100423_153137_000000462088_00455_42593_5945.N1	23-APR-2010 15:31:37	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42593	No
185	GOM_NL__2PRFIN20100423_153729_000000502088_00455_42593_5946.N1	23-APR-2010 15:37:29	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42593	No
186	GOM_NL__2PRFIN20100423_153931_000000432088_00455_42593_5947.N1	23-APR-2010 15:39:31	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42593	No
187	GOM_NL__2PRFIN20100423_154603_000000372088_00455_42593_5948.N1	23-APR-2010 15:46:03	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42593	No
188	GOM_NL__2PRFIN20100423_154850_000000422088_00455_42593_5949.N1	23-APR-2010 15:48:50	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42593	No
189	GOM_NL__2PRFIN20100423_155357_000000372088_00455_42593_5950.N1	23-APR-2010 15:53:57	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42593	No
190	GOM_NL__2PRFIN20100423_155606_000000442088_00455_42593_5951.N1	23-APR-2010 15:56:06	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	42593	No
191	GOM_NL__2PRFIN20100423_155752_000000402088_00455_42593_5952.N1	23-APR-2010 15:57:52	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42593	No
192	GOM_NL__2PRFIN20100423_160514_000000392088_00455_42593_5953.N1	23-APR-2010 16:05:14	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42593	No
193	GOM_NL__2PRFIN20100423_161527_000000432088_00455_42593_5954.N1	23-APR-2010 16:15:27	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42593	No
194	GOM_NL__2PRFIN20100423_162628_000000402088_00455_42593_5955.N1	23-APR-2010 16:26:28	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	42593	No
195	GOM_NL__2PRFIN20100423_163014_000000422088_00455_42593_5956.N1	23-APR-2010 16:30:14	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42593	No
196	GOM_NL__2PRFIN20100423_163347_000000582088_00455_42593_5957.N1	23-APR-2010 16:33:47	Dark	57.500	61	8Eps Peg	2.1000	3900.0	115	42593	No
197	GOM_NL__2PRFIN20100423_163615_000000492088_00455_42593_5958.N1	23-APR-2010 16:36:15	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42593	No
198	GOM_NL__2PRFIN20100423_163920_000000502088_00455_42593_5959.N1	23-APR-2010 16:39:20	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42593	No
199	GOM_NL__2PRFIN20100423_164636_000000412088_00455_42593_5960.N1	23-APR-2010 16:46:36	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42593	No
200	GOM_NL__2PRFIN20100423_165340_000000472088_00456_42594_5949.N1	23-APR-2010 16:53:40	Dark	47.000	45	Alp Pav	1.9400	26000.	94	42594	No
201	GOM_NL__2PRFIN20100423_170233_000000632088_00456_42594_5950.N1	23-APR-2010 17:02:33	Straylight	62.500	40	The Sco	1.8590	7100.0	125	42594	No
202	GOM_NL__2PRFIN20100423_170826_000000442088_00456_42594_5951.N1	23-APR-2010 17:08:26	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42594	No
203	GOM_NL__2PRFIN20100423_171000_000000442088_00456_42594_5952.N1	23-APR-2010 17:10:00	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42594	No
204	GOM_NL__2PRFIN20100423_171213_000000442088_00456_42594_5953.N1	23-APR-2010 17:12:13	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	42594	No
205	GOM_NL__2PRFIN20100423_171805_000000502088_00456_42594_5954.N1	23-APR-2010 17:18:05	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	42594	No
206	GOM_NL__2PRFIN20100423_172007_000000432088_00456_42594_5955.N1	23-APR-2010 17:20:07	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42594	No
207	GOM_NL__2PRFIN20100423_172639_000000372088_00456_42594_5956.N1	23-APR-2010 17:26:39	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42594	No
208	GOM_NL__2PRFIN20100423_172925_000000422088_00456_42594_5957.N1	23-APR-2010 17:29:25	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	42594	No
209	GOM_NL__2PRFIN20100423_173433_000000372088_00456_42594_5958.N1	23-APR-2010 17:34:33	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42594	No
210	GOM_NL__2PRFIN20100423_173642_000000472088_00456_42594_5959.N1	23-APR-2010 17:36:42	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	42594	No
211	GOM_NL__2PRFIN20100423_173827_000000402088_00456_42594_5960.N1	23-APR-2010 17:38:27	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42594	No
212	GOM_NL__2PRFIN20100423_174549_000000402088_00456_42594_5961.N1	23-APR-2010 17:45:49	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42594	No
213	GOM_NL__2PRFIN20100423_175603_000000422088_00456_42594_5962.N1	23-APR-2010 17:56:03	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42594	No
214	GOM_NL__2PRFIN20100423_180638_000000402088_00456_42594_5963.N1	23-APR-2010 18:06:38	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42594	No
215	GOM_NL__2PRFIN20100423_181050_000000422088_00456_42594_5964.N1	23-APR-2010 18:10:50	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42594	No
216	GOM_NL__2PRFIN20100423_181423_000000572088_00456_42594_5965.N1	23-APR-2010 18:14:23	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	42594	No
217	GOM_NL__2PRFIN20100423_181651_000000472088_00456_42594_5966.N1	23-APR-2010 18:16:51	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42594	No
218	GOM_NL__2PRFIN20100423_181957_000000552088_00456_42594_5967.N1	23-APR-2010 18:19:57	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42594	No
219	GOM_NL__2PRFIN20100423_182712_000000412088_00456_42594_5968.N1	23-APR-2010 18:27:12	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42594	No

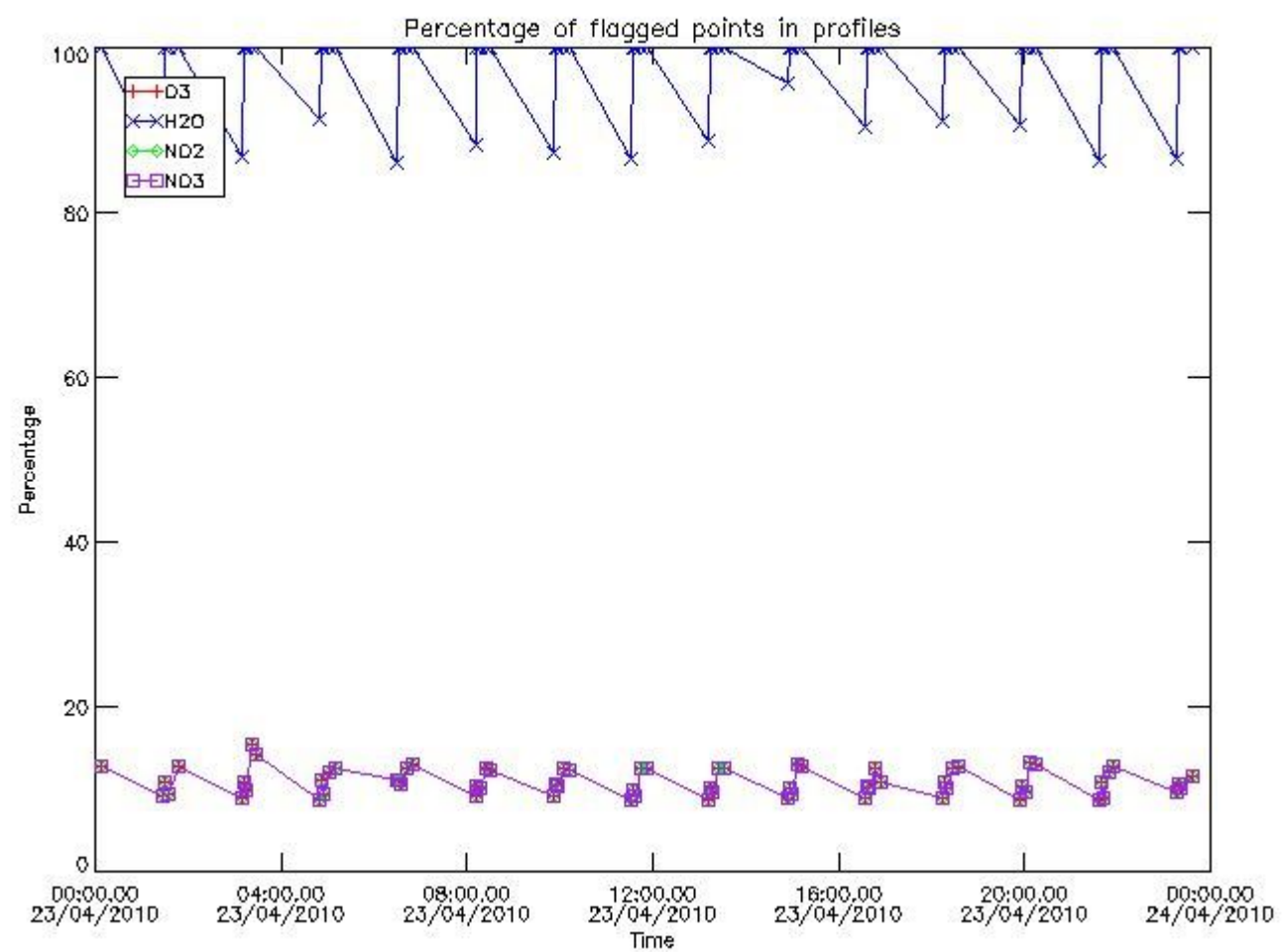
220	GOM_NL__2PRFIN20100423_183417_000000402088_00457_42595_5957.N1	23-APR-2010 18:34:17	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42595	No
221	GOM_NL__2PRFIN20100423_184310_000000592088_00457_42595_5958.N1	23-APR-2010 18:43:10	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42595	No
222	GOM_NL__2PRFIN20100423_184903_000000432088_00457_42595_5959.N1	23-APR-2010 18:49:03	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42595	No
223	GOM_NL__2PRFIN20100423_185037_000000422088_00457_42595_5960.N1	23-APR-2010 18:50:37	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42595	No
224	GOM_NL__2PRFIN20100423_185249_000000462088_00457_42595_5961.N1	23-APR-2010 18:52:49	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42595	No
225	GOM_NL__2PRFIN20100423_185842_000000502088_00457_42595_5962.N1	23-APR-2010 18:58:42	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42595	No
226	GOM_NL__2PRFIN20100423_190043_000000412088_00457_42595_5963.N1	23-APR-2010 19:00:43	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42595	No
227	GOM_NL__2PRFIN20100423_190715_000000382088_00457_42595_5964.N1	23-APR-2010 19:07:15	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42595	No
228	GOM_NL__2PRFIN20100423_191001_000000432088_00457_42595_5965.N1	23-APR-2010 19:10:01	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42595	No
229	GOM_NL__2PRFIN20100423_191509_000000372088_00457_42595_5966.N1	23-APR-2010 19:15:09	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42595	No
230	GOM_NL__2PRFIN20100423_191717_000000452088_00457_42595_5967.N1	23-APR-2010 19:17:17	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	42595	No
231	GOM_NL__2PRFIN20100423_191903_000000412088_00457_42595_5968.N1	23-APR-2010 19:19:03	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42595	No
232	GOM_NL__2PRFIN20100423_192625_000000362088_00457_42595_5969.N1	23-APR-2010 19:26:25	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	42595	No
233	GOM_NL__2PRFIN20100423_193638_000000422088_00457_42595_5970.N1	23-APR-2010 19:36:38	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42595	No
234	GOM_NL__2PRFIN20100423_194714_000000572088_00457_42595_5971.N1	23-APR-2010 19:47:14	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	42595	No
235	GOM_NL__2PRFIN20100423_195126_000000442088_00457_42595_5972.N1	23-APR-2010 19:51:26	Tw_i_and_stray	44.000	90	54Alp Peg	2.4870	11000.	88	42595	No
236	GOM_NL__2PRFIN20100423_195500_000000592088_00457_42595_5973.N1	23-APR-2010 19:55:00	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	42595	No
237	GOM_NL__2PRFIN20100423_195728_000000502088_00457_42595_5974.N1	23-APR-2010 19:57:28	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	42595	No
238	GOM_NL__2PRFIN20100423_200034_000000532088_00457_42595_5975.N1	23-APR-2010 20:00:34	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	42595	No
239	GOM_NL__2PRFIN20100423_200749_000000392088_00457_42595_5976.N1	23-APR-2010 20:07:49	Dark	38.500	172	Gam Gru	3.0030	13100.	77	42595	No
240	GOM_NL__2PRFIN20100423_201453_000000402088_00458_42596_5965.N1	23-APR-2010 20:14:53	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42596	No
241	GOM_NL__2PRFIN20100423_202346_000000522088_00458_42596_5966.N1	23-APR-2010 20:23:46	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42596	No
242	GOM_NL__2PRFIN20100423_202939_000000422088_00458_42596_5967.N1	23-APR-2010 20:29:39	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42596	No
243	GOM_NL__2PRFIN20100423_203113_000000432088_00458_42596_5968.N1	23-APR-2010 20:31:13	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42596	No
244	GOM_NL__2PRFIN20100423_203325_000000432088_00458_42596_5969.N1	23-APR-2010 20:33:25	Straylight	42.500	54	5The Cen	2.0550	4500.0	85	42596	No
245	GOM_NL__2PRFIN20100423_203918_000000512088_00458_42596_5970.N1	23-APR-2010 20:39:18	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42596	No
246	GOM_NL__2PRFIN20100423_204119_000000412088_00458_42596_5971.N1	23-APR-2010 20:41:19	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42596	No
247	GOM_NL__2PRFIN20100423_204751_000000372088_00458_42596_5972.N1	23-APR-2010 20:47:51	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42596	No
248	GOM_NL__2PRFIN20100423_205037_000000442088_00458_42596_5973.N1	23-APR-2010 20:50:37	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42596	No
249	GOM_NL__2PRFIN20100423_205545_000000372088_00458_42596_5974.N1	23-APR-2010 20:55:45	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42596	No
250	GOM_NL__2PRFIN20100423_205752_000000442088_00458_42596_5975.N1	23-APR-2010 20:57:52	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	42596	No
251	GOM_NL__2PRFIN20100423_205939_000000392088_00458_42596_5976.N1	23-APR-2010 20:59:39	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42596	No
252	GOM_NL__2PRFIN20100423_210701_000000402088_00458_42596_5977.N1	23-APR-2010 21:07:01	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42596	No
253	GOM_NL__2PRFIN20100423_211714_000000402088_00458_42596_5978.N1	23-APR-2010 21:17:14	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42596	No
254	GOM_NL__2PRFIN20100423_212750_000000422088_00458_42596_5979.N1	23-APR-2010 21:27:50	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	42596	No
255	GOM_NL__2PRFIN20100423_213202_000000442088_00458_42596_5980.N1	23-APR-2010 21:32:02	Tw_i_and_stray	44.000	90	54Alp Peg	2.4870	11000.	88	42596	No
256	GOM_NL__2PRFIN20100423_213536_000000592088_00458_42596_5981.N1	23-APR-2010 21:35:36	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	42596	No
257	GOM_NL__2PRFIN20100423_213804_000000472088_00458_42596_5982.N1	23-APR-2010 21:38:04	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42596	No
258	GOM_NL__2PRFIN20100423_214110_000000572088_00458_42596_5983.N1	23-APR-2010 21:41:10	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	42596	No
259	GOM_NL__2PRFIN20100423_214825_000000422088_00458_42596_5984.N1	23-APR-2010 21:48:25	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42596	No
260	GOM_NL__2PRFIN20100423_215530_000000402088_00459_42597_5973.N1	23-APR-2010 21:55:30	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42597	No
261	GOM_NL__2PRFIN20100423_220423_000000572088_00459_42597_5974.N1	23-APR-2010 22:04:23	Straylight	57.000	40	The Sco	1.8590	7100.0	114	42597	No
262	GOM_NL__2PRFIN20100423_221015_000000422088_00459_42597_5975.N1	23-APR-2010 22:10:15	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42597	No
263	GOM_NL__2PRFIN20100423_221149_000000452088_00459_42597_5976.N1	23-APR-2010 22:11:49	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42597	No
264	GOM_NL__2PRFIN20100423_221402_000000442088_00459_42597_5977.N1	23-APR-2010 22:14:02	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	42597	No
265	GOM_NL__2PRFIN20100423_221953_000000512088_00459_42597_5978.N1	23-APR-2010 22:19:53	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42597	No
266	GOM_NL__2PRFIN20100423_222155_000000422088_00459_42597_5979.N1	23-APR-2010 22:21:55	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42597	No
267	GOM_NL__2PRFIN20100423_222827_000000382088_00459_42597_5980.N1	23-APR-2010 22:28:27	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42597	No
268	GOM_NL__2PRFIN20100423_223112_000000422088_00459_42597_5981.N1	23-APR-2010 22:31:12	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42597	No
269	GOM_NL__2PRFIN20100423_223621_000000372088_00459_42597_5982.N1	23-APR-2010 22:36:21	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42597	No
270	GOM_NL__2PRFIN20100423_223827_000000432088_00459_42597_5983.N1	23-APR-2010 22:38:27	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42597	No
271	GOM_NL__2PRFIN20100423_224014_000000392088_00459_42597_5984.N1	23-APR-2010 22:40:14	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42597	No
272	GOM_NL__2PRFIN20100423_224736_000000412088_00459_42597_5985.N1	23-APR-2010 22:47:36	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42597	No
273	GOM_NL__2PRFIN20100423_225750_000000412088_00459_42597_5986.N1	23-APR-2010 22:57:50	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42597	No
274	GOM_NL__2PRFIN20100423_230826_000000412088_00459_42597_5987.N1	23-APR-2010 23:08:26	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	42597	No
275	GOM_NL__2PRFIN20100423_231238_000000442088_00459_42597_5988.N1	23-APR-2010 23:12:38	Tw_i_and_stray	43.500	90	54Alp Peg	2.4870	11000.	87	42597	No
276	GOM_NL__2PRFIN20100423_231613_000000532088_00459_42597_5989.N1	23-APR-2010 23:16:13	Dark	52.500	61	8Eps Peg	2.1000	3900.0	105	42597	No
277	GOM_NL__2PRFIN20100423_231840_000000492088_00459_42597_5990.N1	23-APR-2010 23:18:40	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42597	No
278	GOM_NL__2PRFIN20100423_232147_000000502088_00459_42597_5991.N1	23-APR-2010 23:21:47	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42597	No

279	GOM_NL__2PRFIN20100423_233606_000000442088_00460_42598_5981.N1	23-APR-2010 23:36:06	Dark	44.000	45	Alp Pav	1.9400	26000.	88	42598	No
280	GOM_NL__2PRFIN20100423_234500_000000582088_00460_42598_5982.N1	23-APR-2010 23:45:00	Straylight	57.500	40	The Sco	1.8590	7100.0	115	42598	No
281	GOM_NL__2PRFIN20100423_235051_000000422088_00460_42598_5983.N1	23-APR-2010 23:50:51	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42598	No
282	GOM_NL__2PRFIN20100423_235225_000000442088_00460_42598_5984.N1	23-APR-2010 23:52:25	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42598	No
283	GOM_NL__2PRFIN20100423_235438_000000462088_00460_42598_5985.N1	23-APR-2010 23:54:38	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42598	No

3. Quality information per product

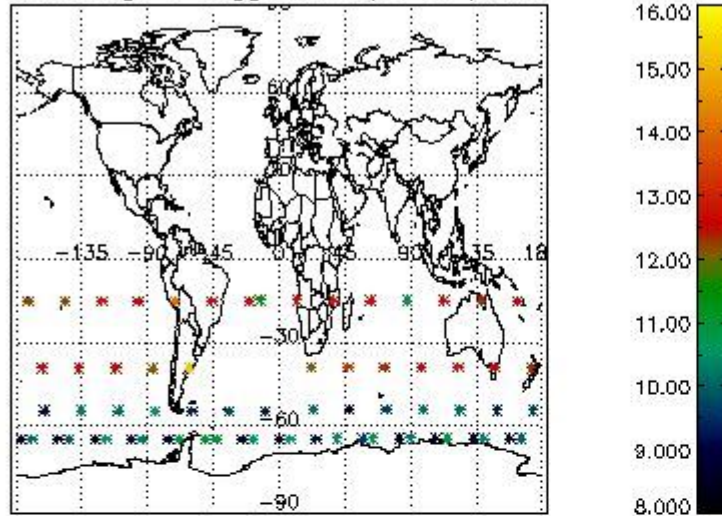
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

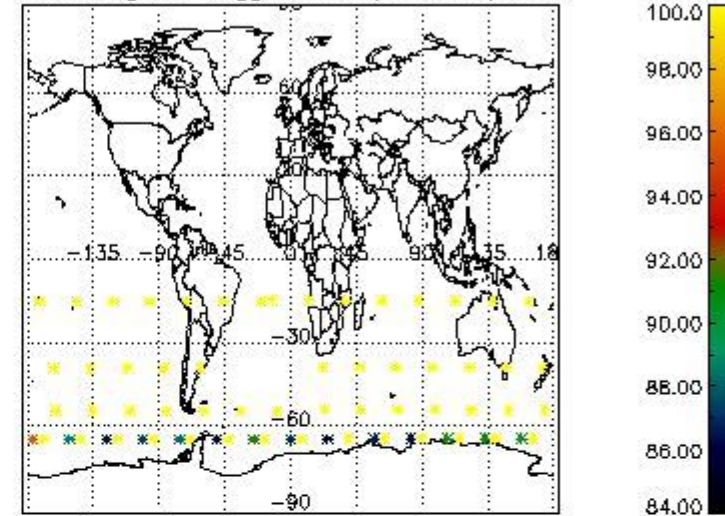


3.2 Plot quality information per product (world map)

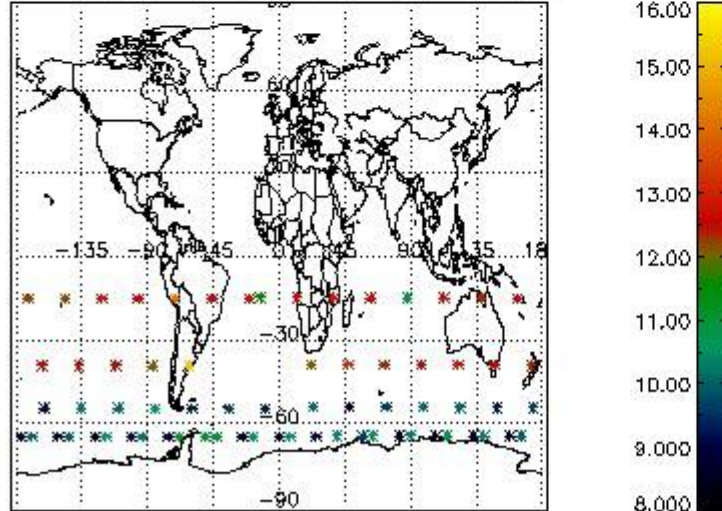
Percentage of flagged data per O3 profile



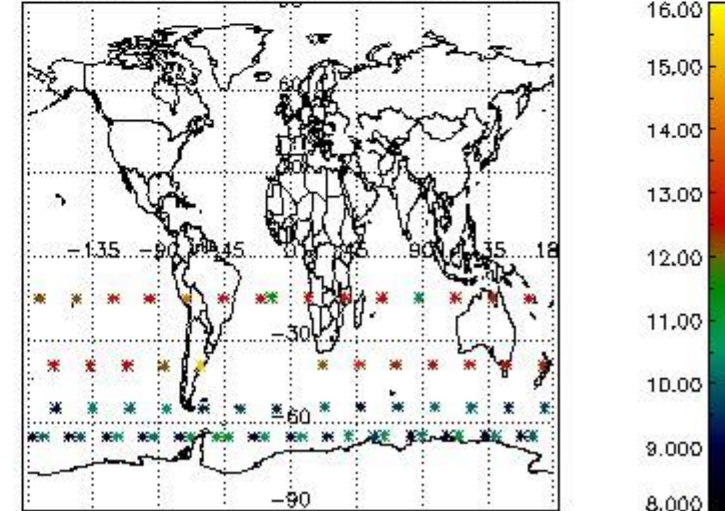
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

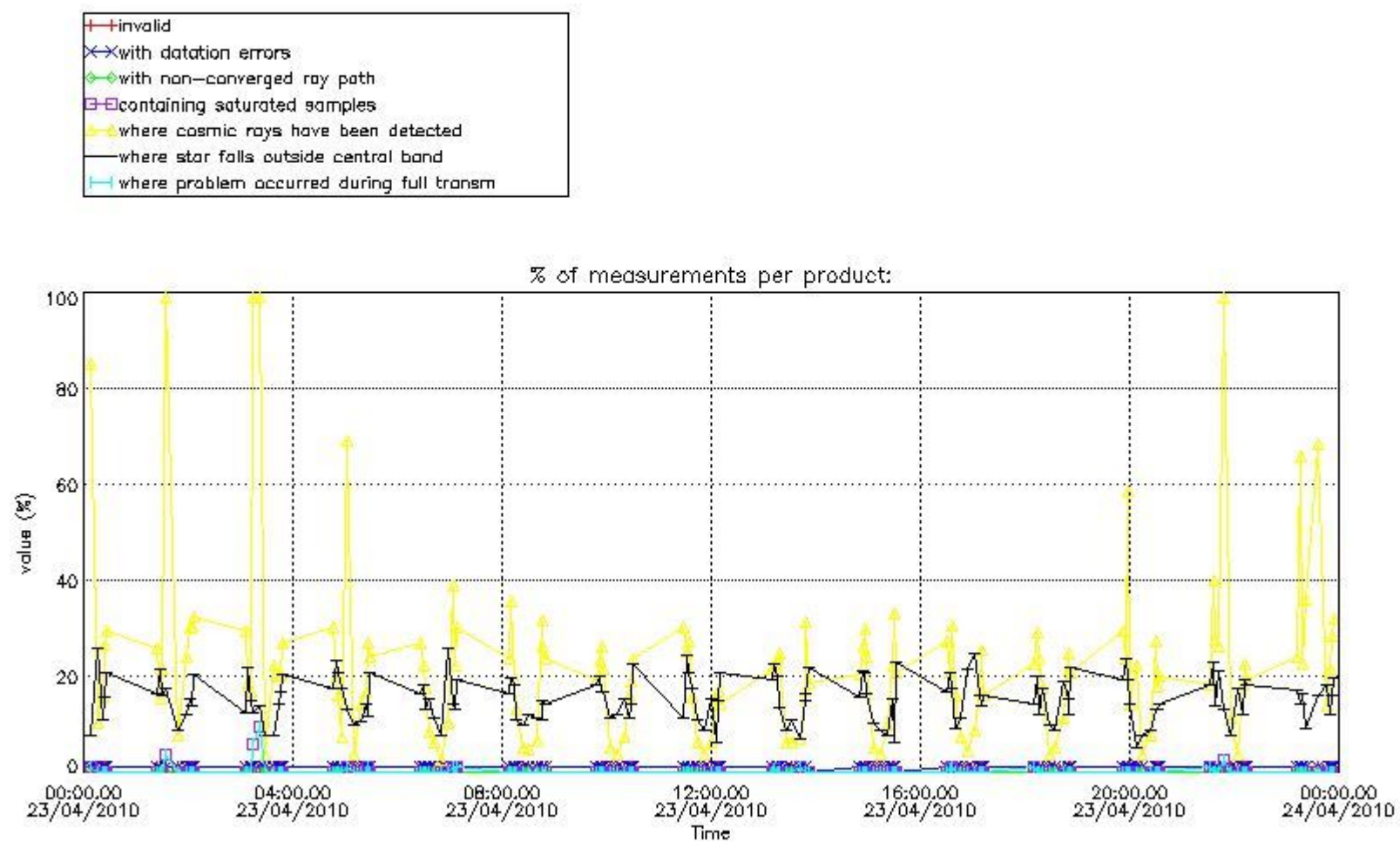


4. Level 1 quality information per product

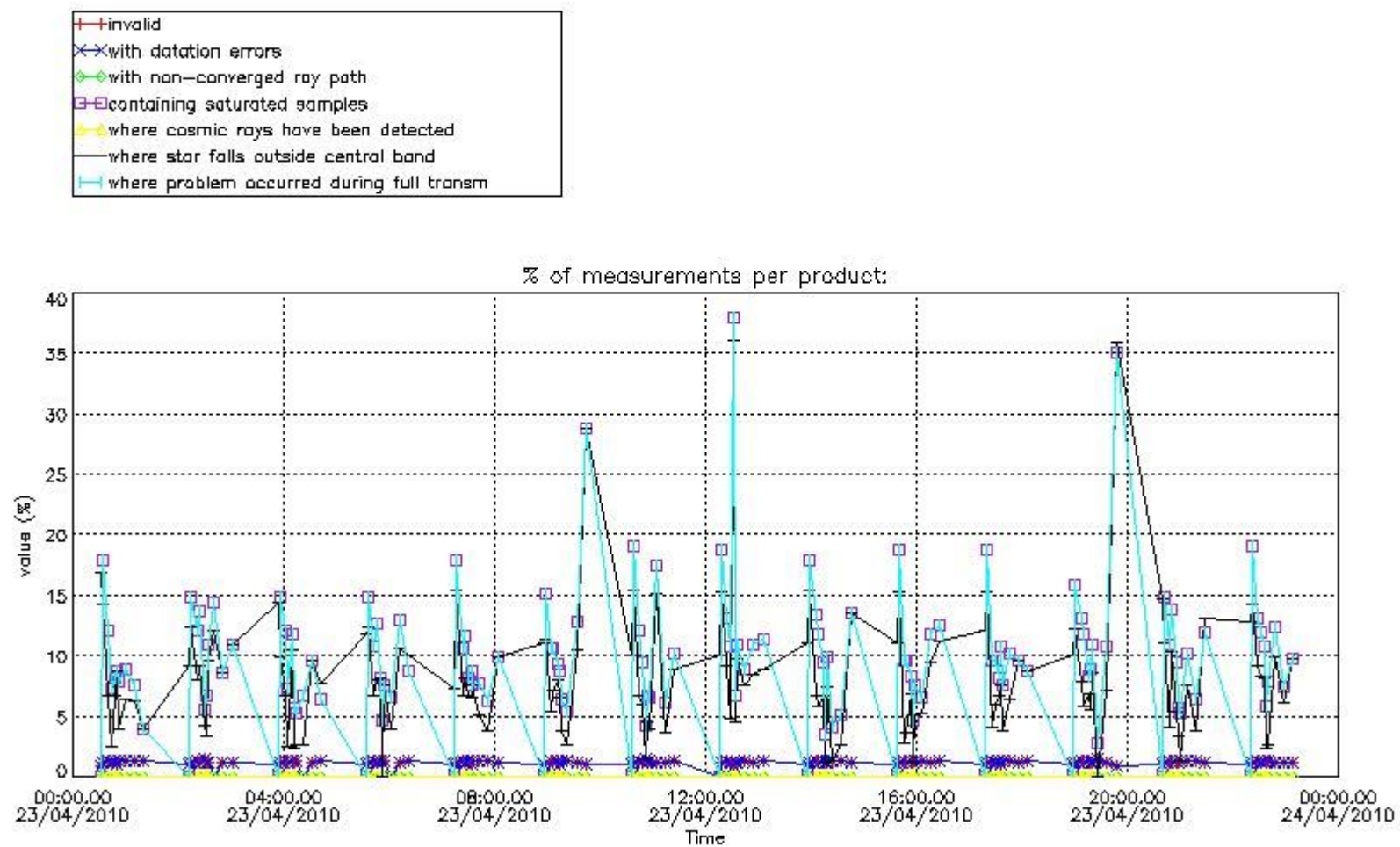
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



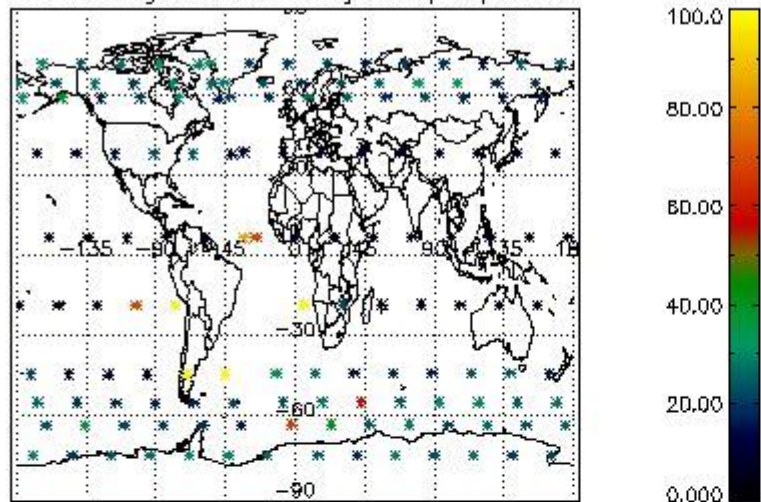
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



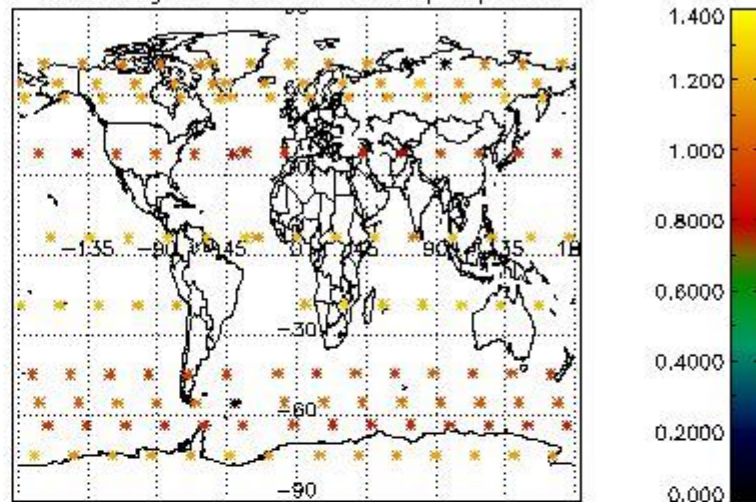
4.2 Plot quality information per product coming from level 1b processing (world map)

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

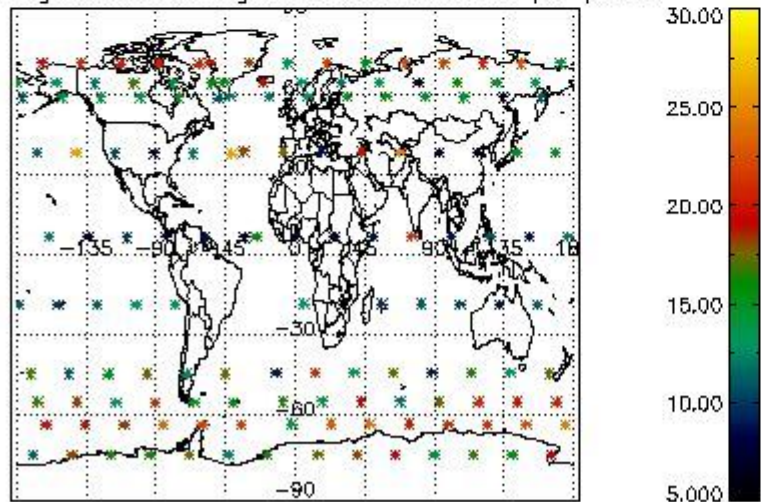
Percentage of cosmic ray hits per profile



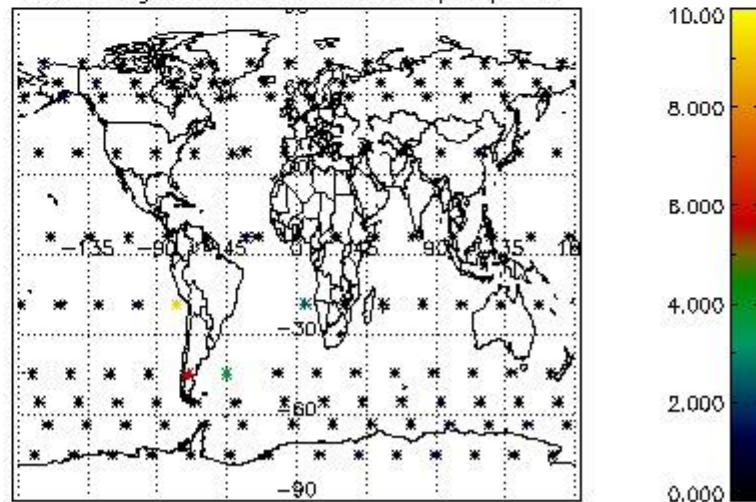
Percentage of datation errors per profile



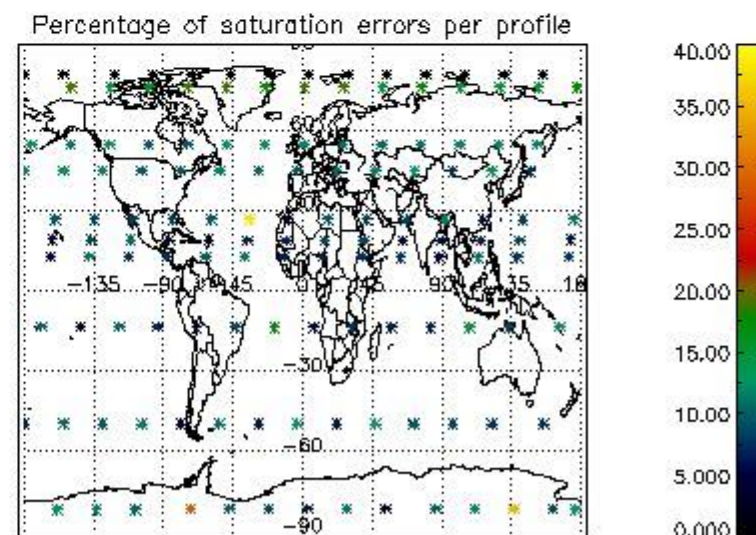
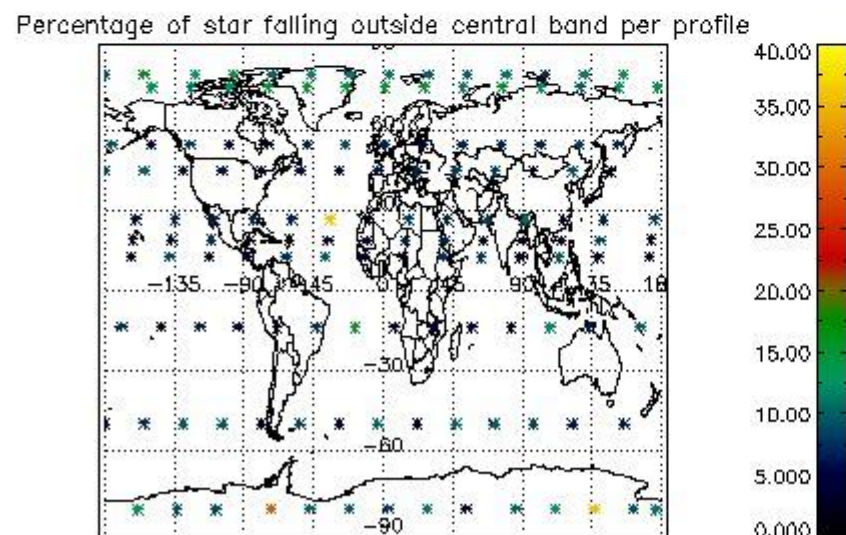
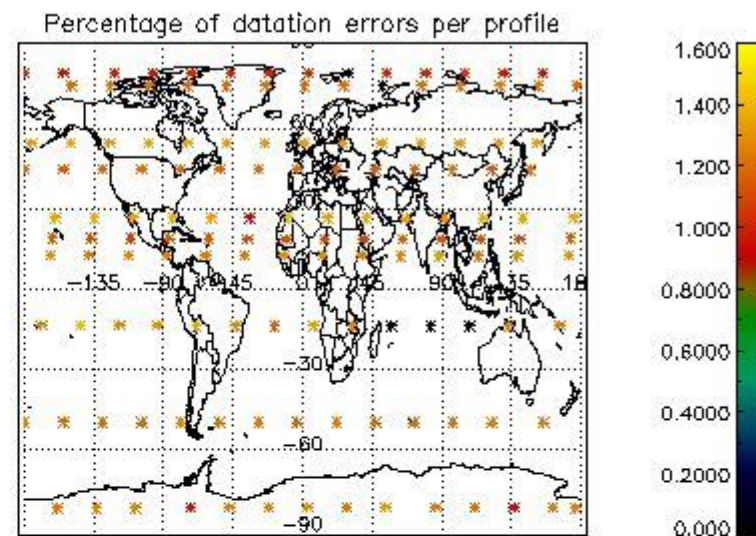
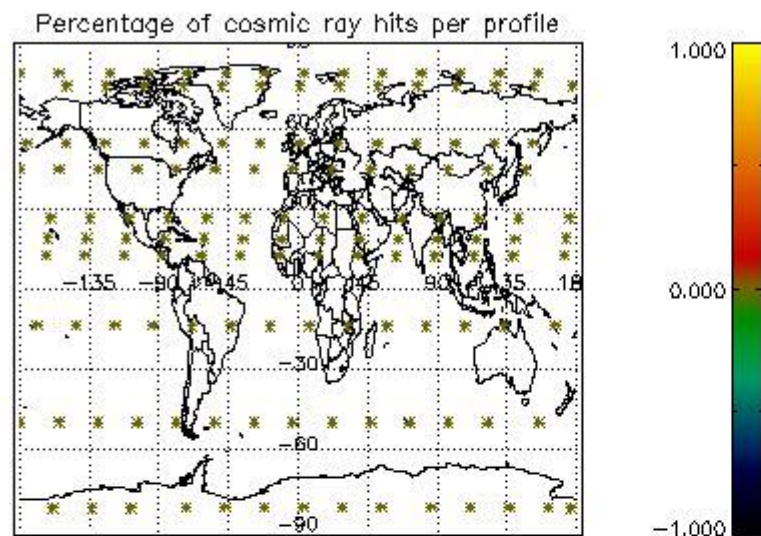
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

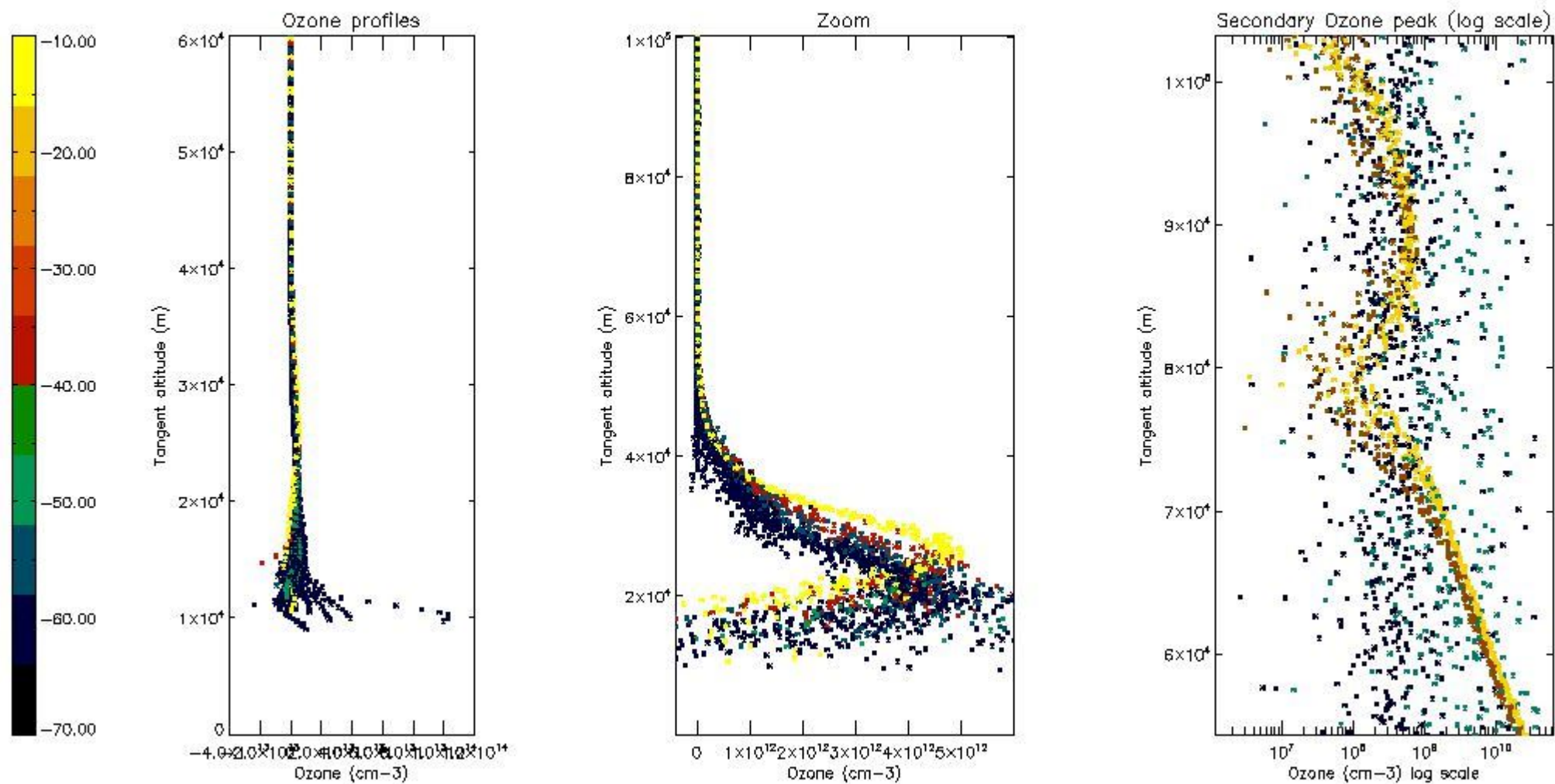
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	5
STD < 5	2

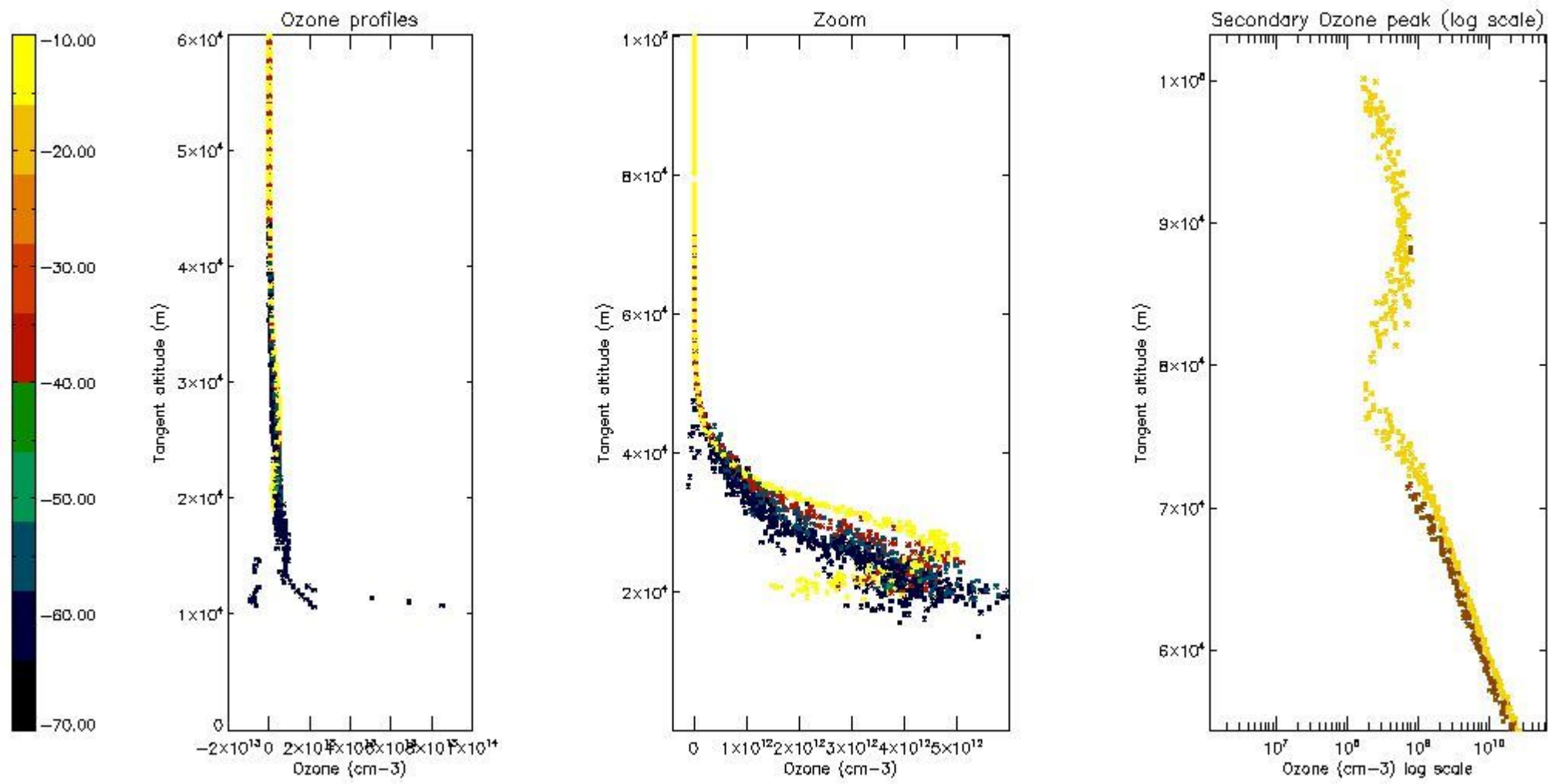
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



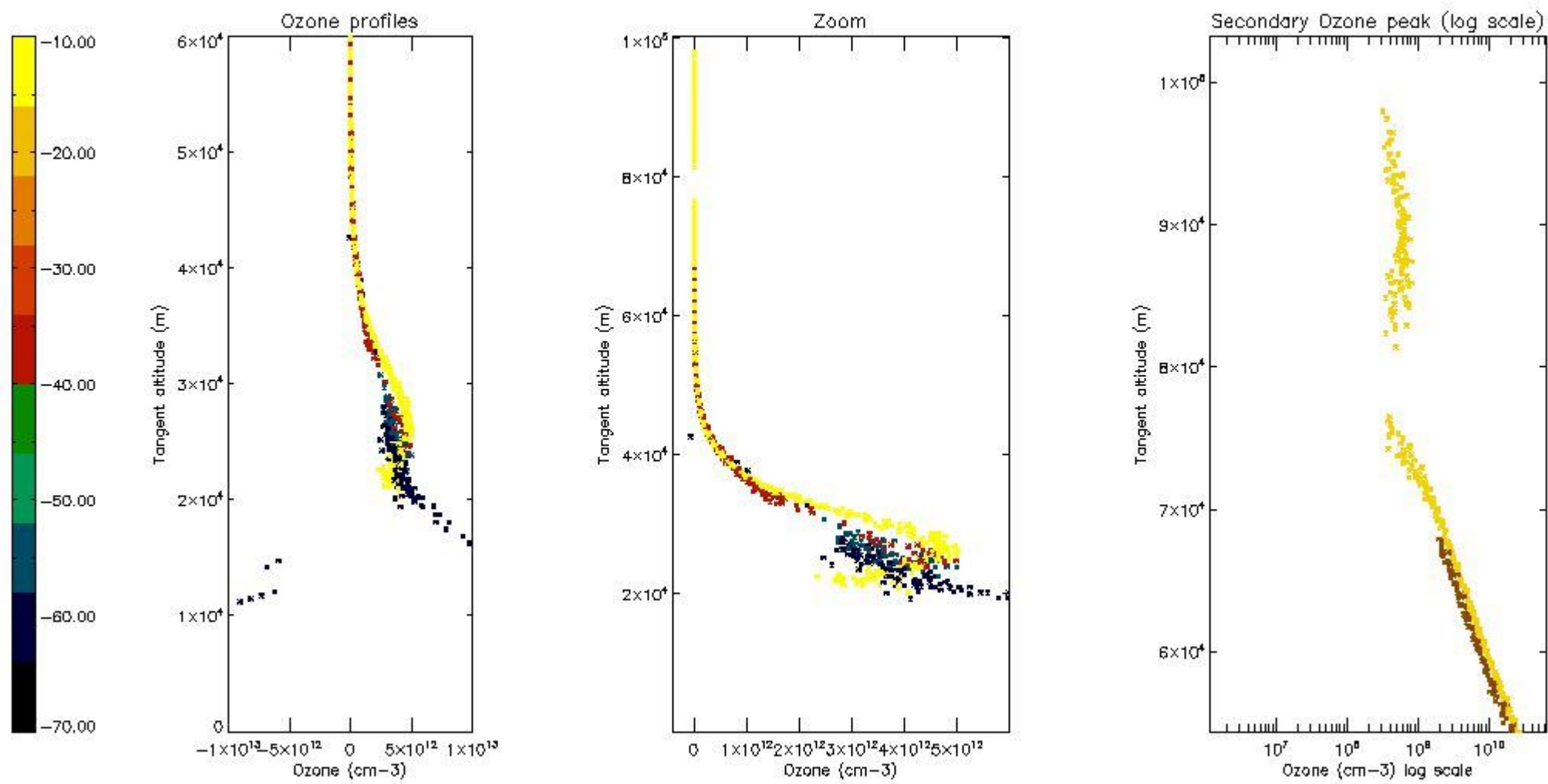
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



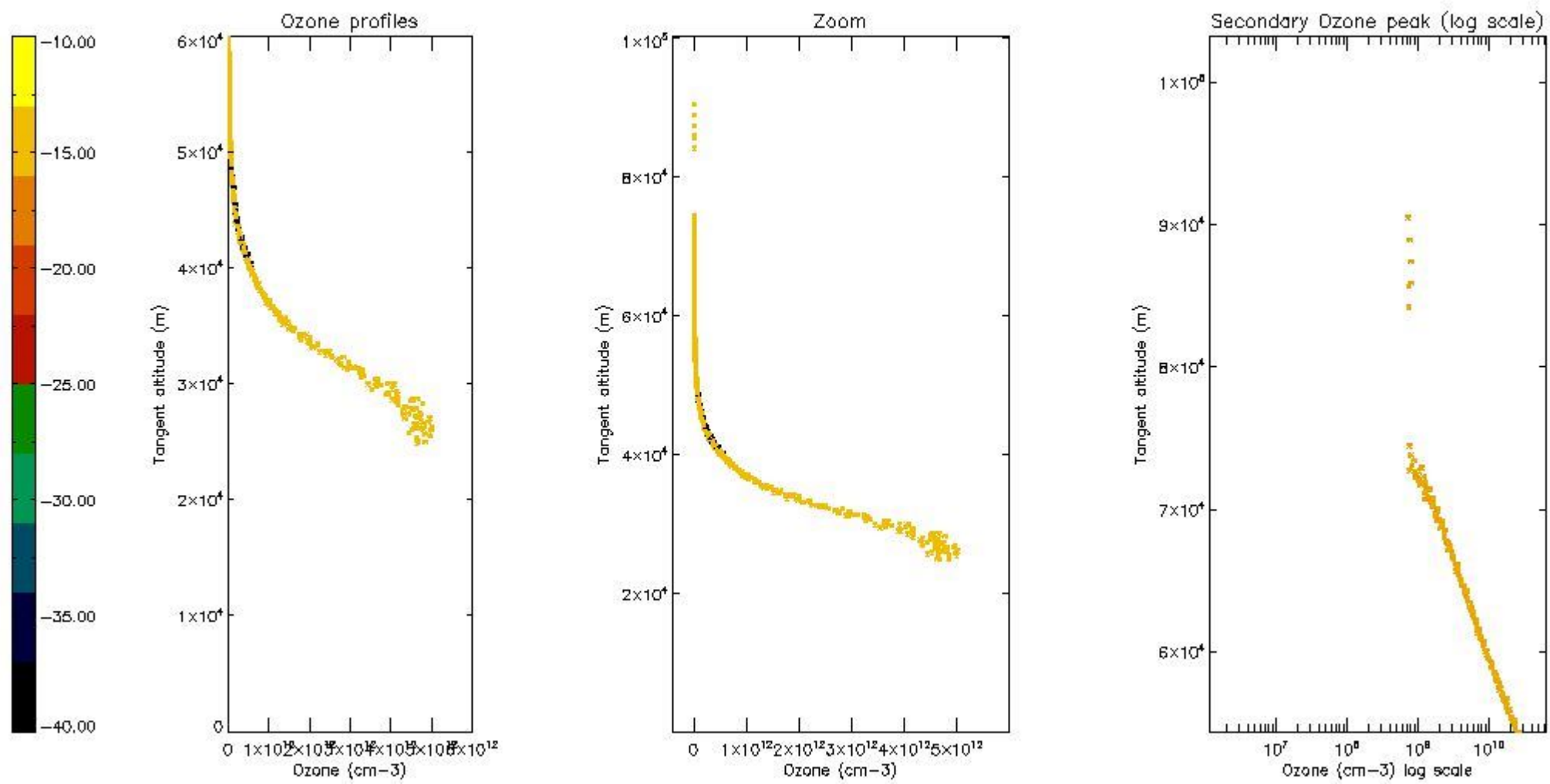
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



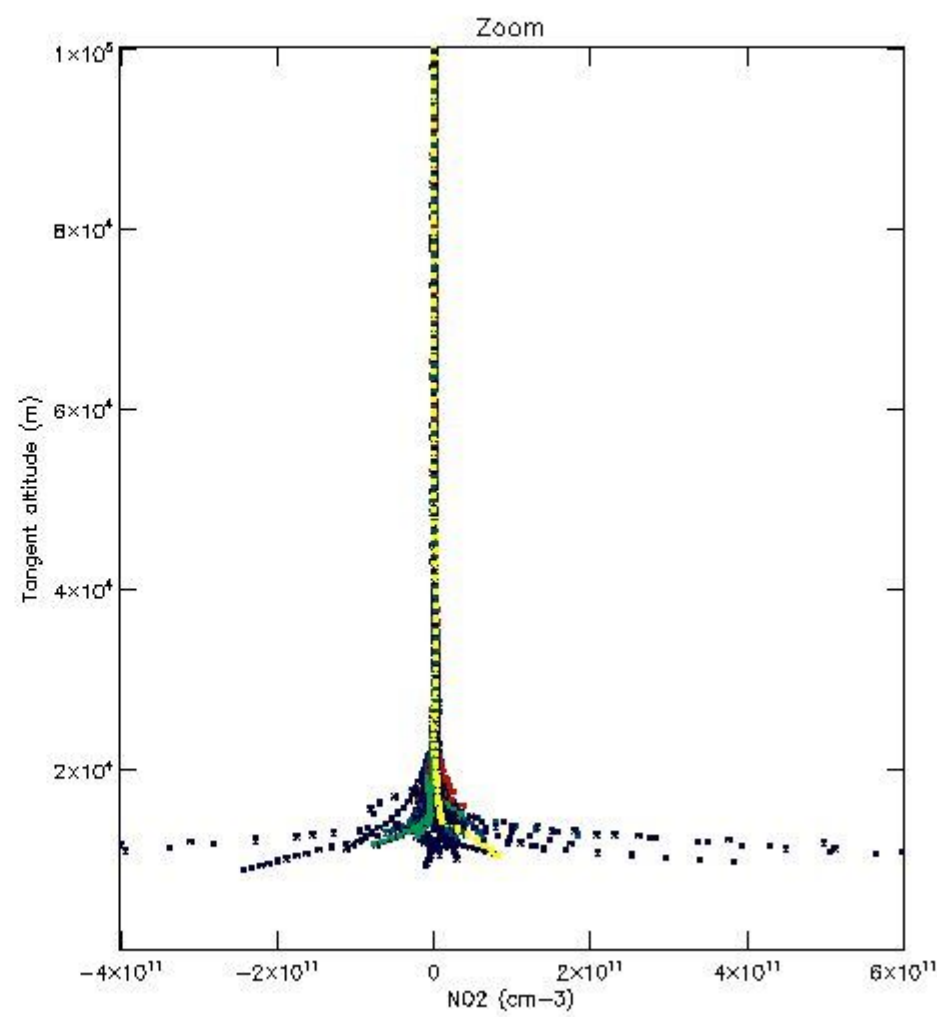
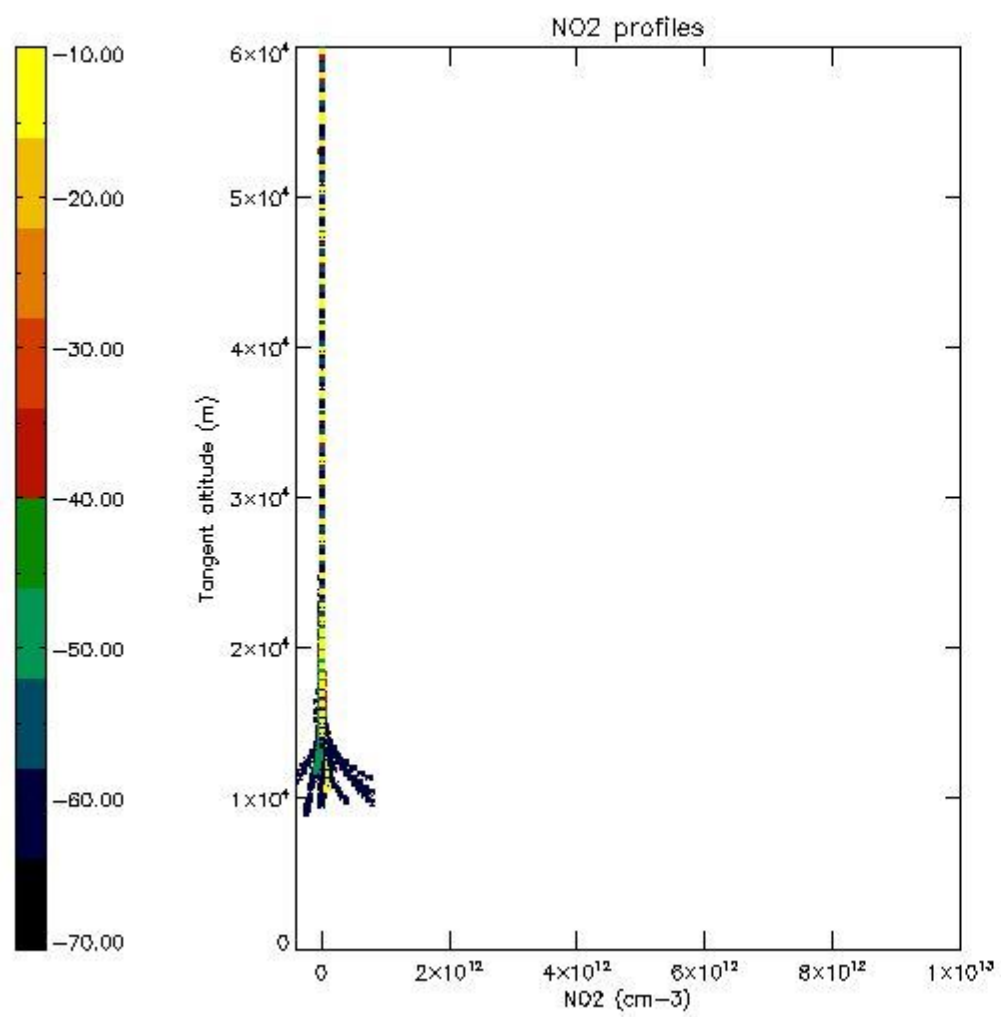
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



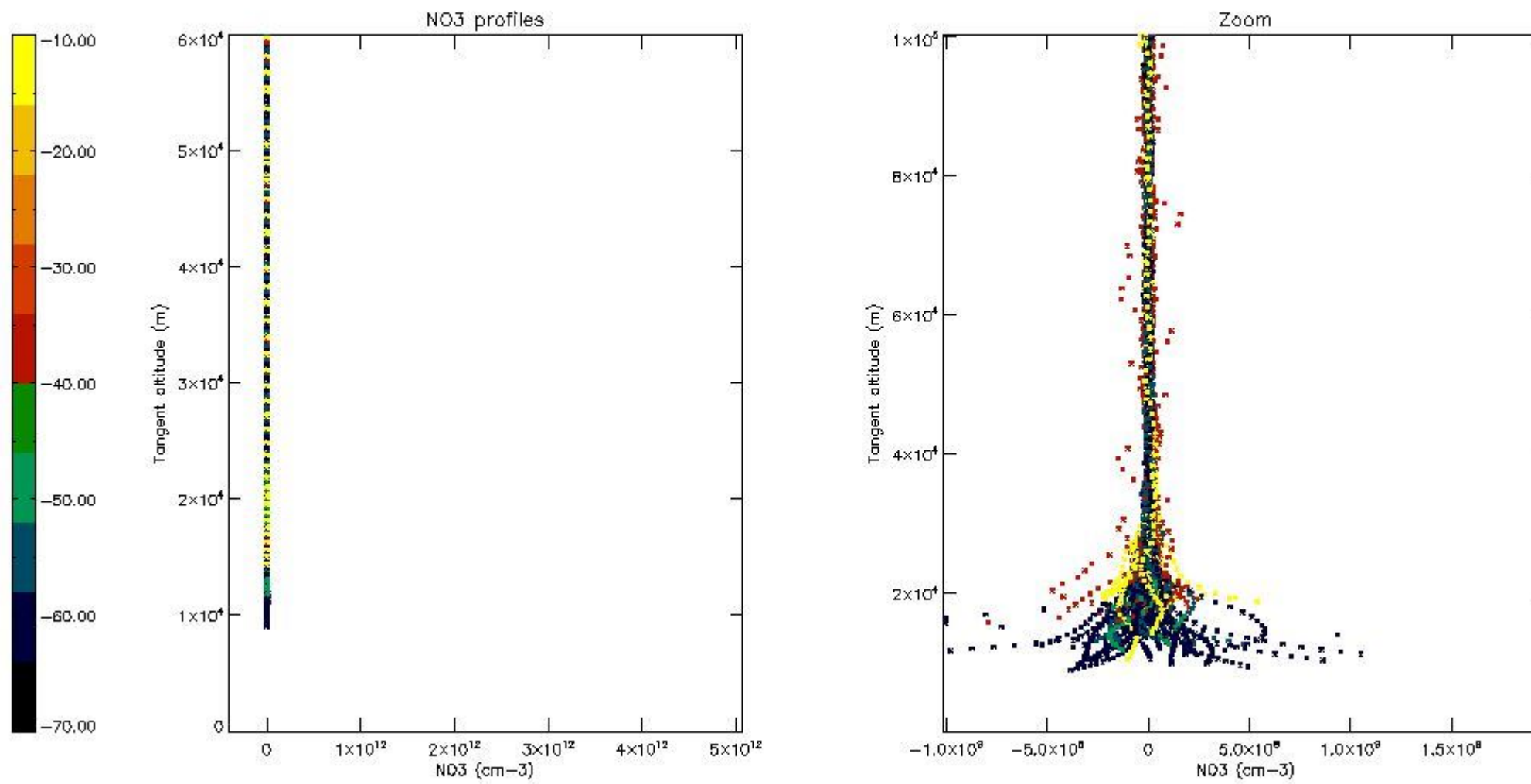
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

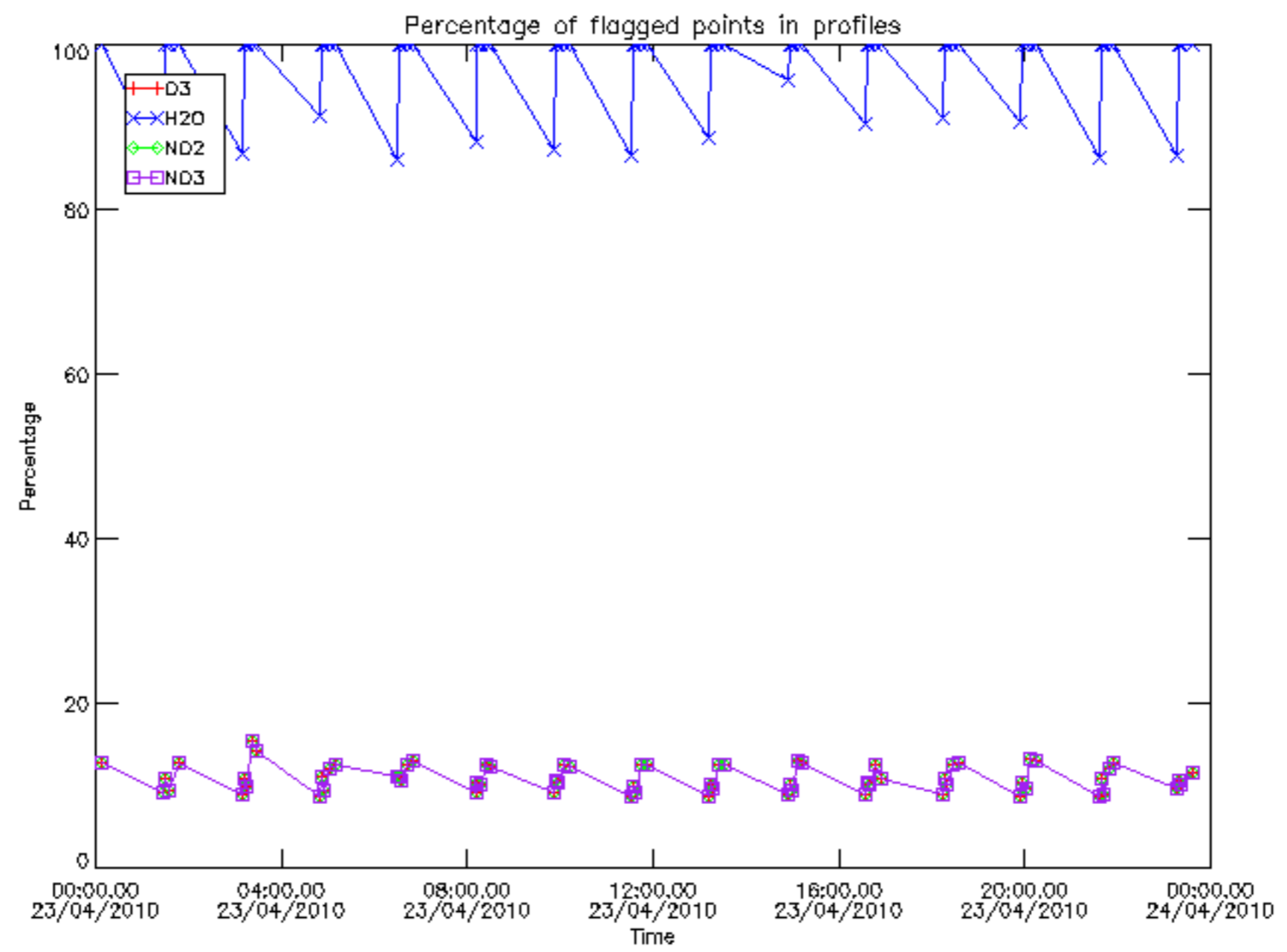
The colorbar represents the latitude.



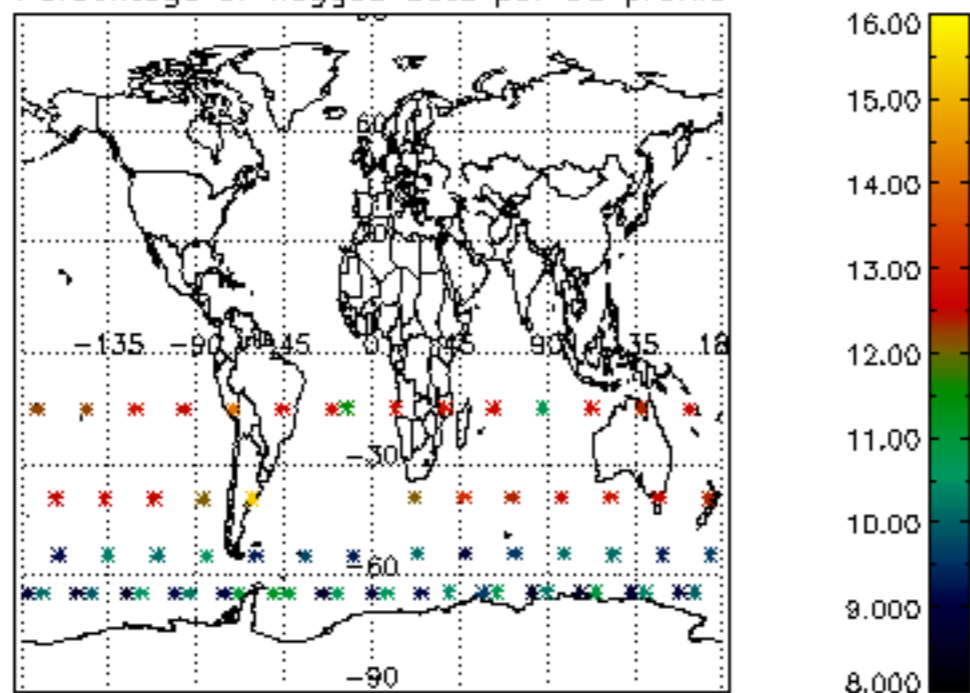
6. Auxiliary Data Files used for the production reported in section 2

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

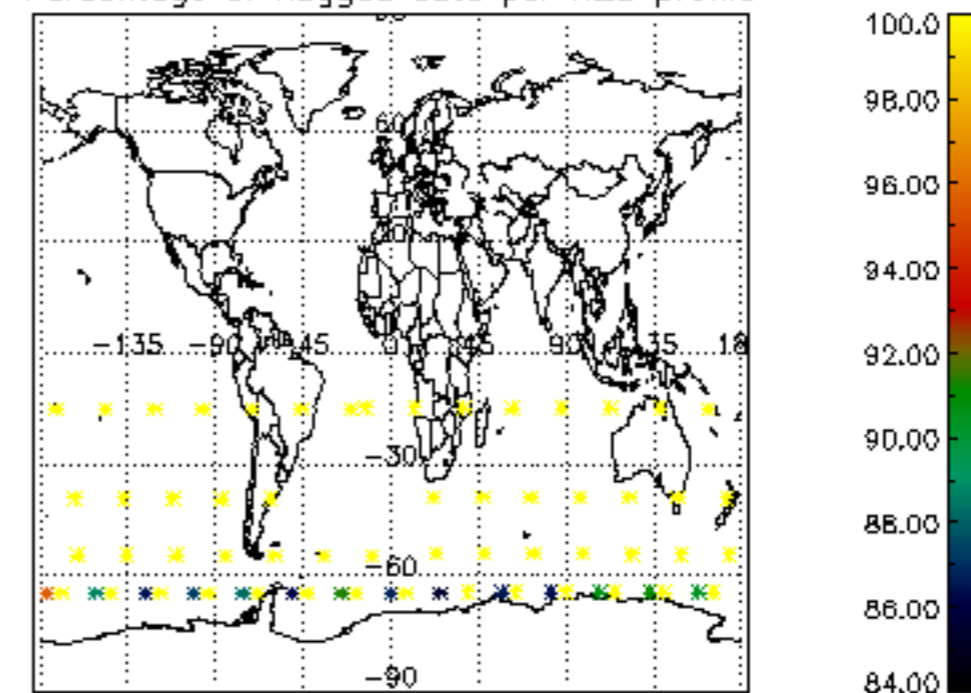
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-APR-2010 00:07:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-APR-2010 00:07:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-APR-2010 00:07:35



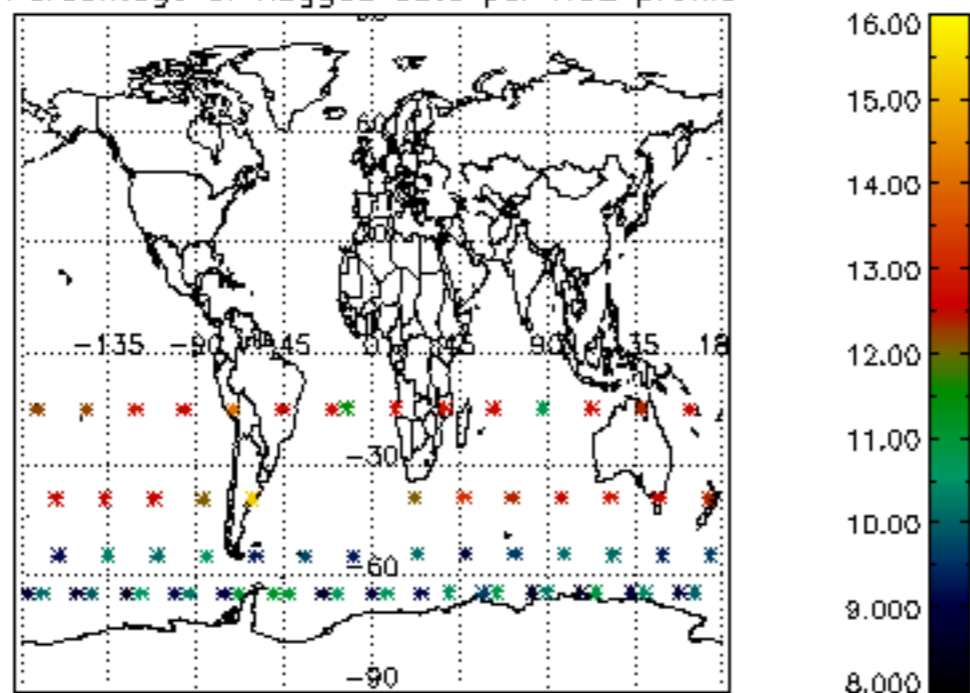
Percentage of flagged data per D3 profile



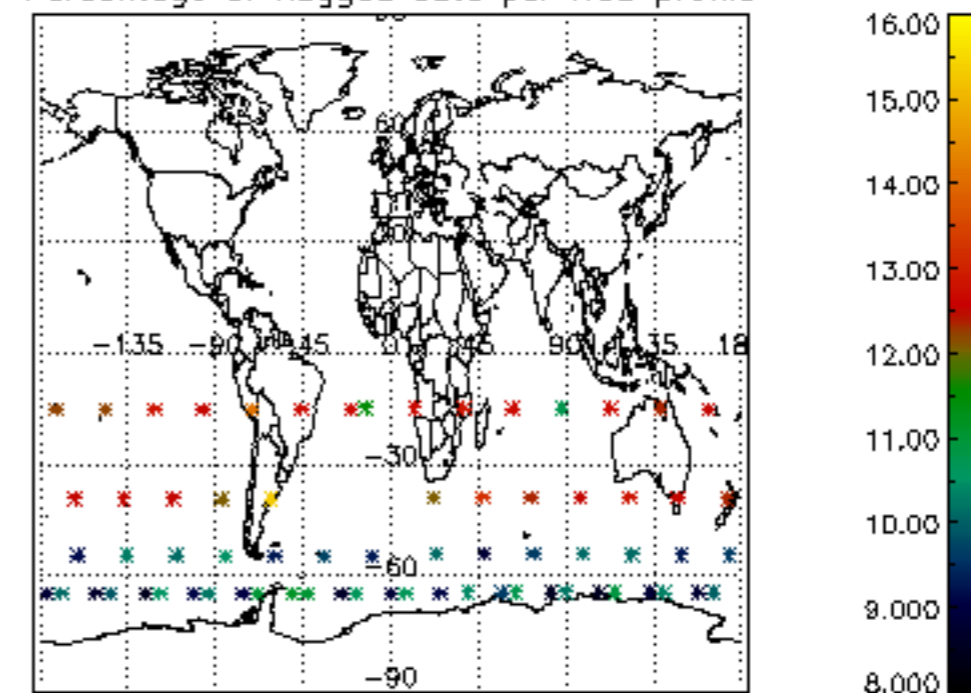
Percentage of flagged data per H2O profile

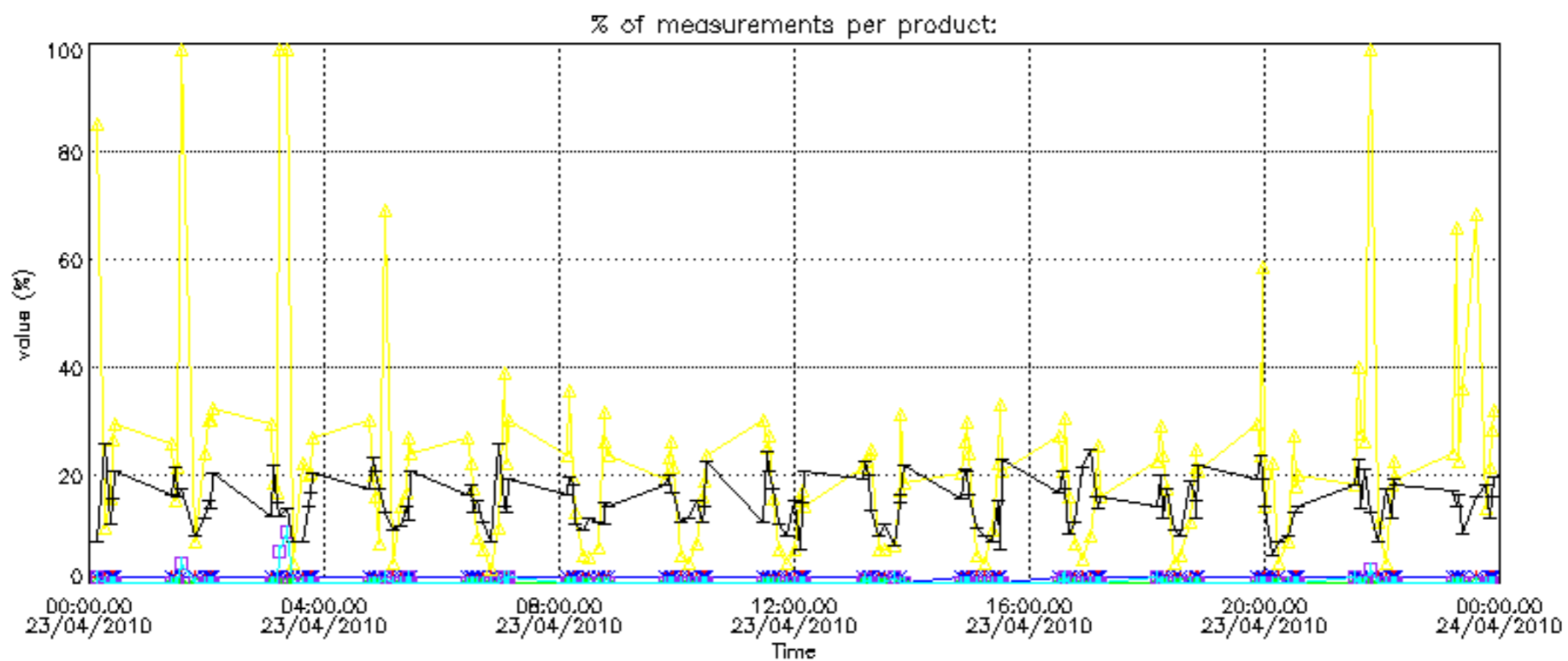


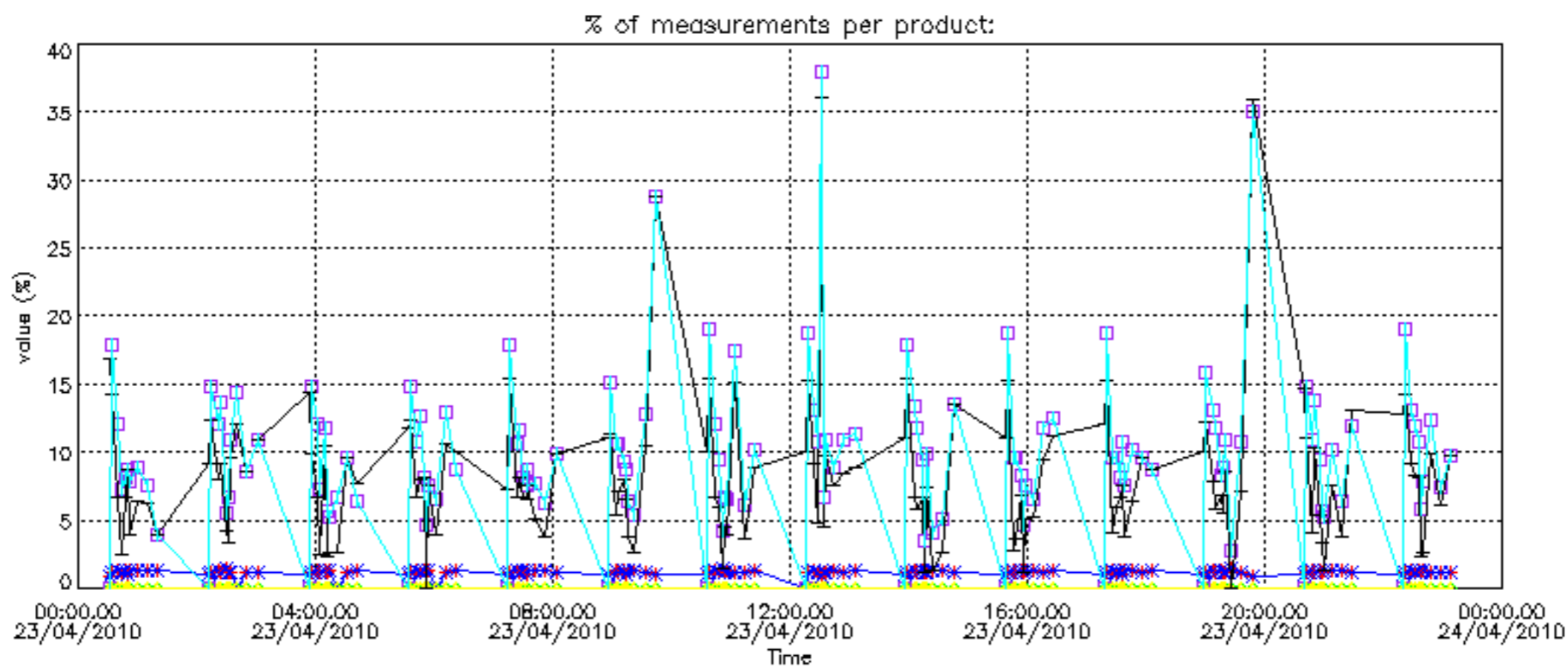
Percentage of flagged data per NO2 profile



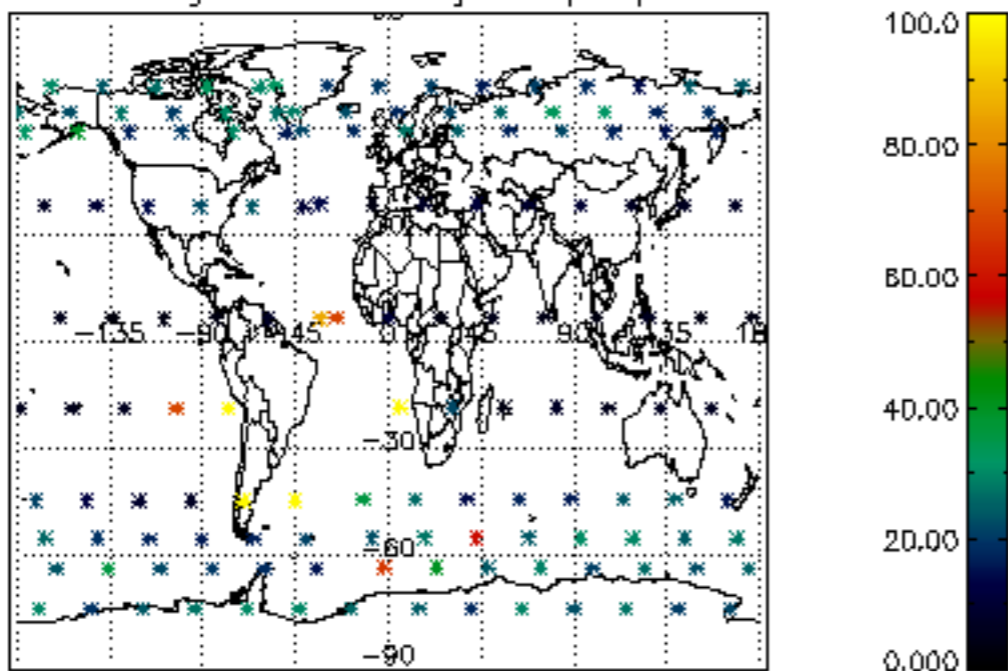
Percentage of flagged data per NO3 profile



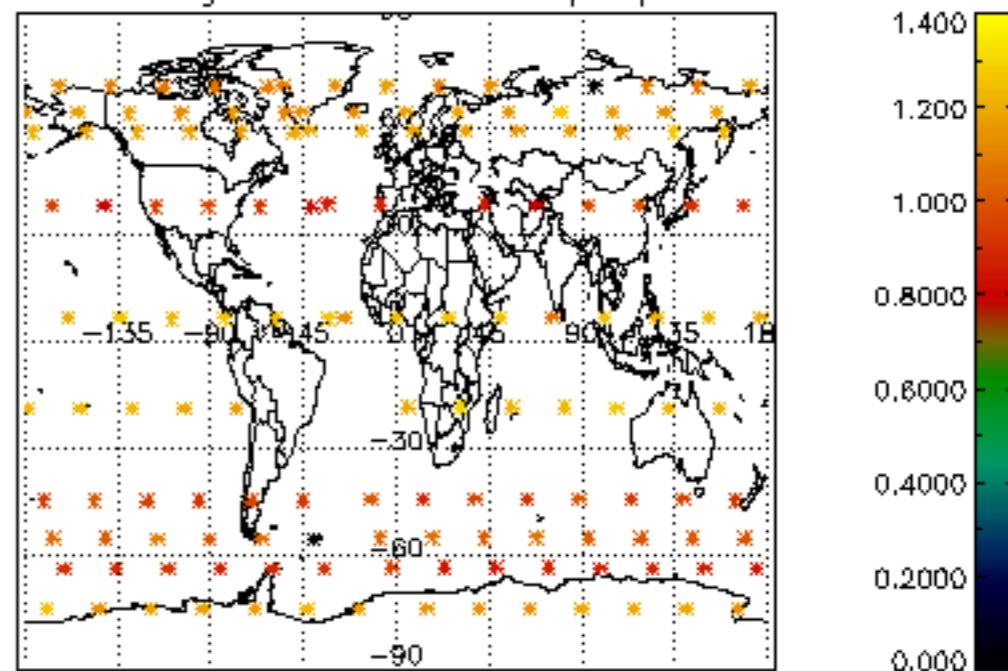




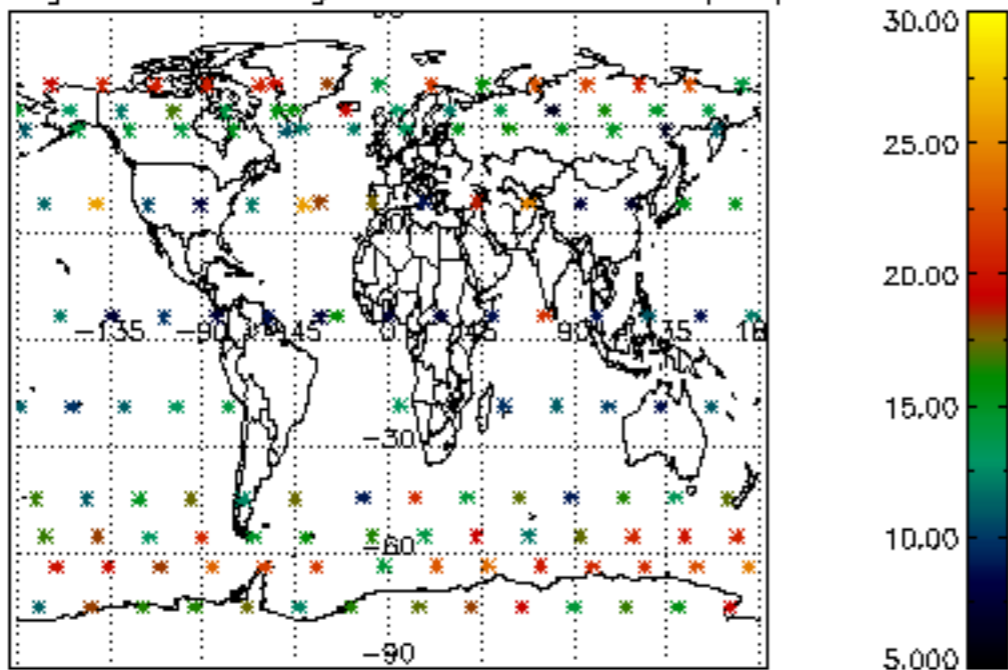
Percentage of cosmic ray hits per profile



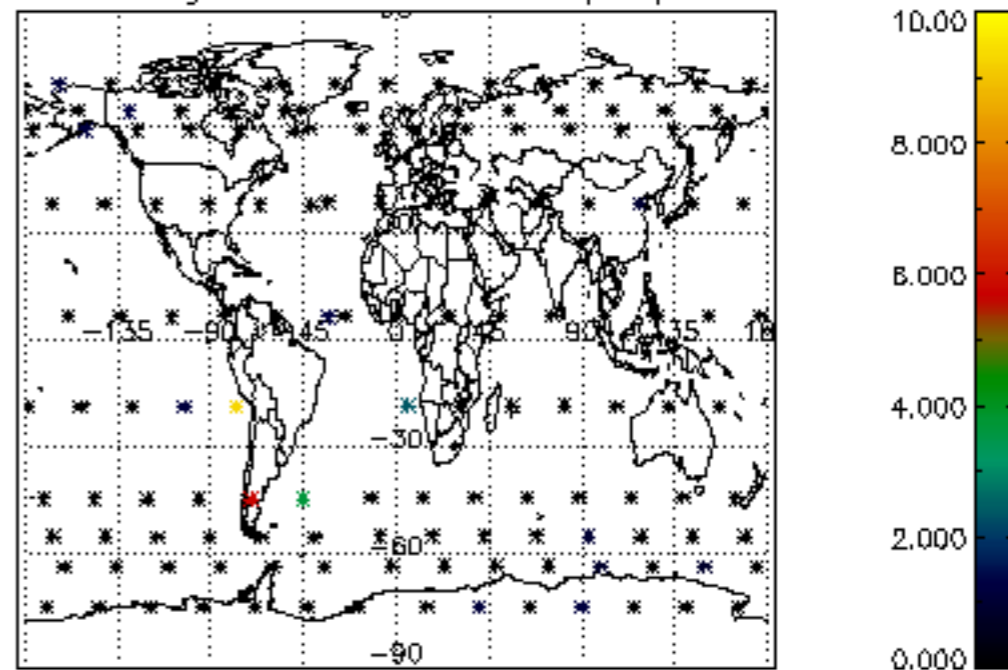
Percentage of datation errors per profile



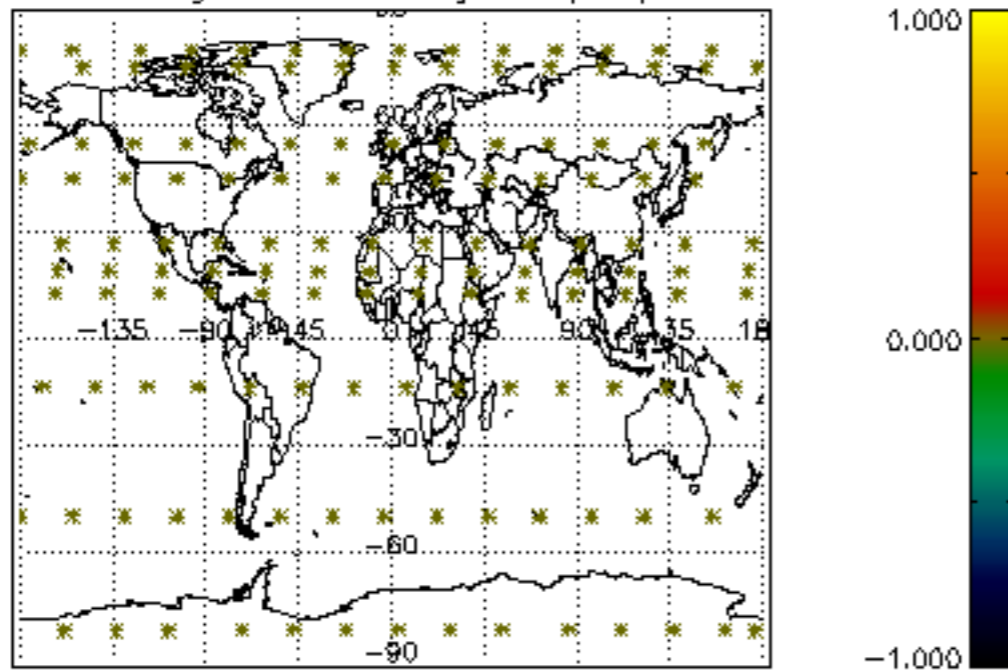
Percentage of star falling outside central band per profile



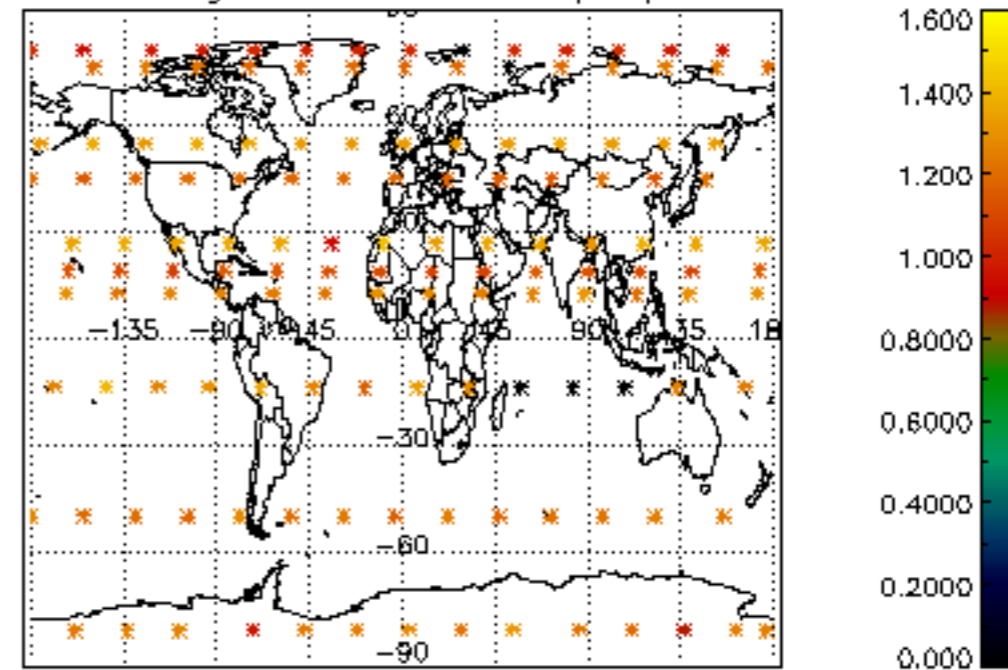
Percentage of saturation errors per profile



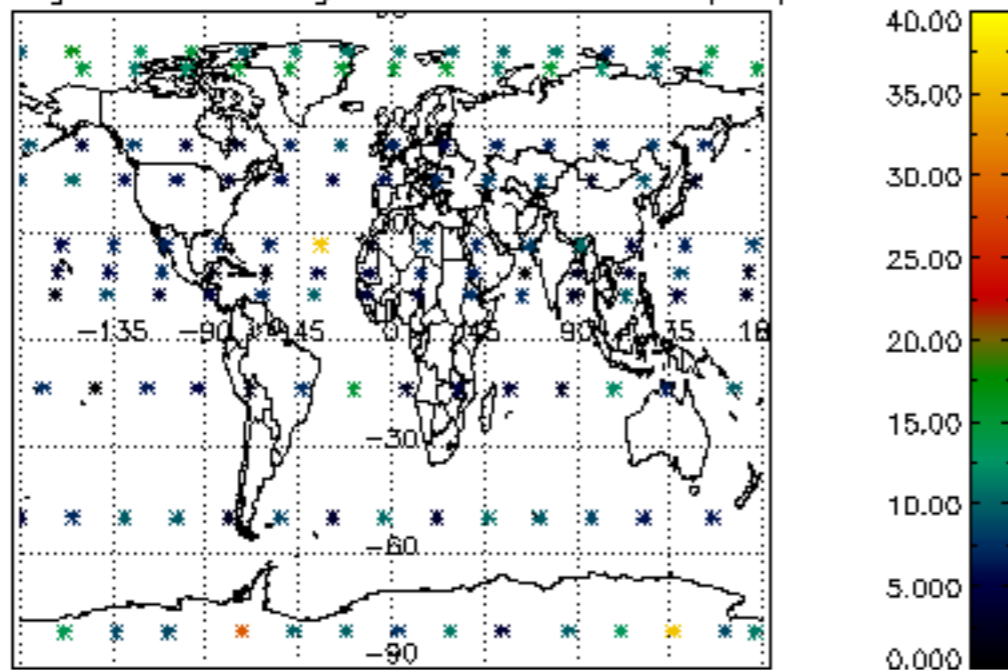
Percentage of cosmic ray hits per profile



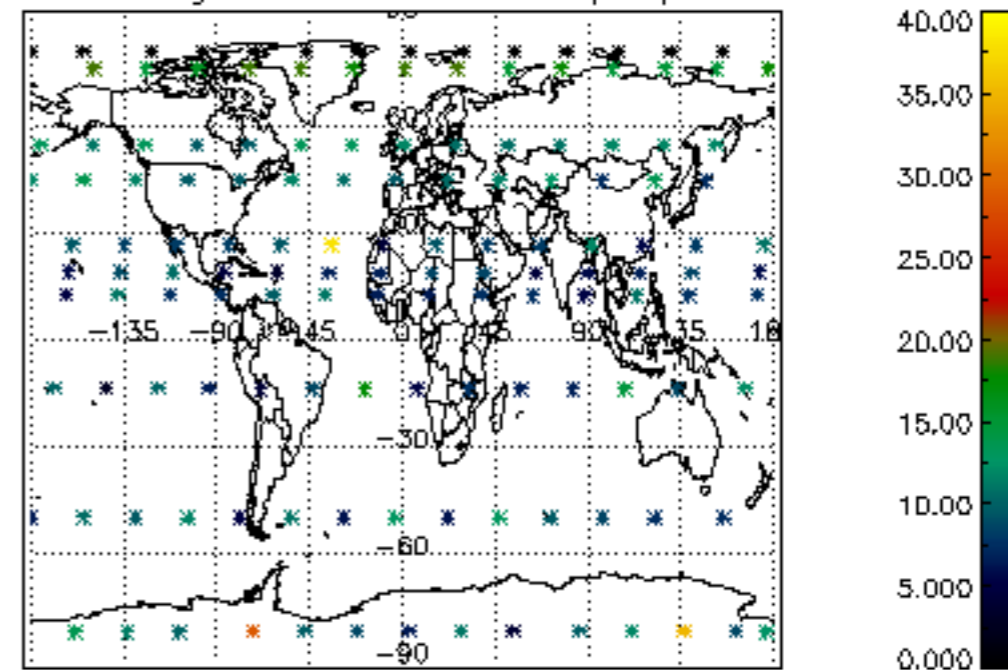
Percentage of datation errors per profile

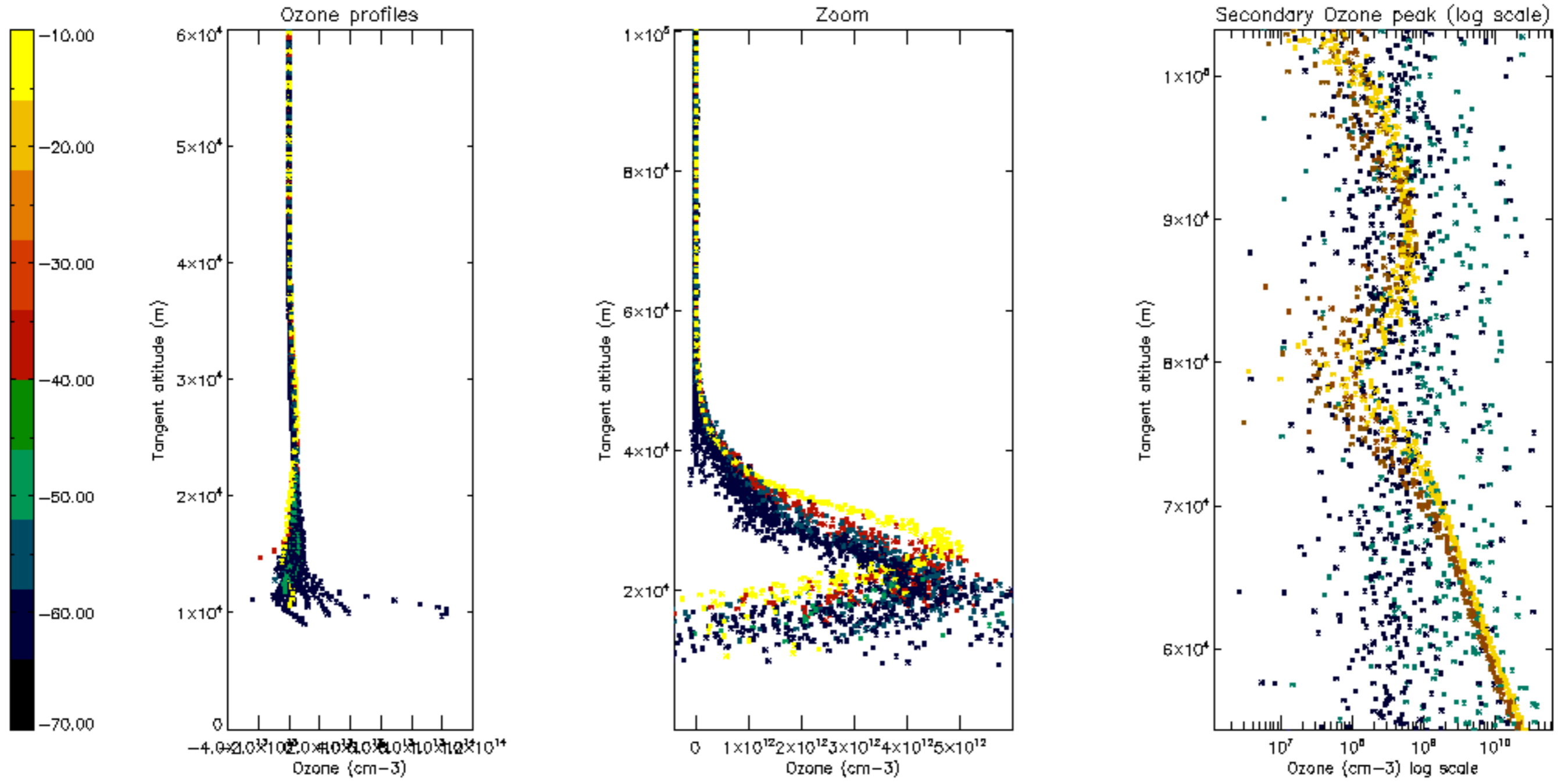


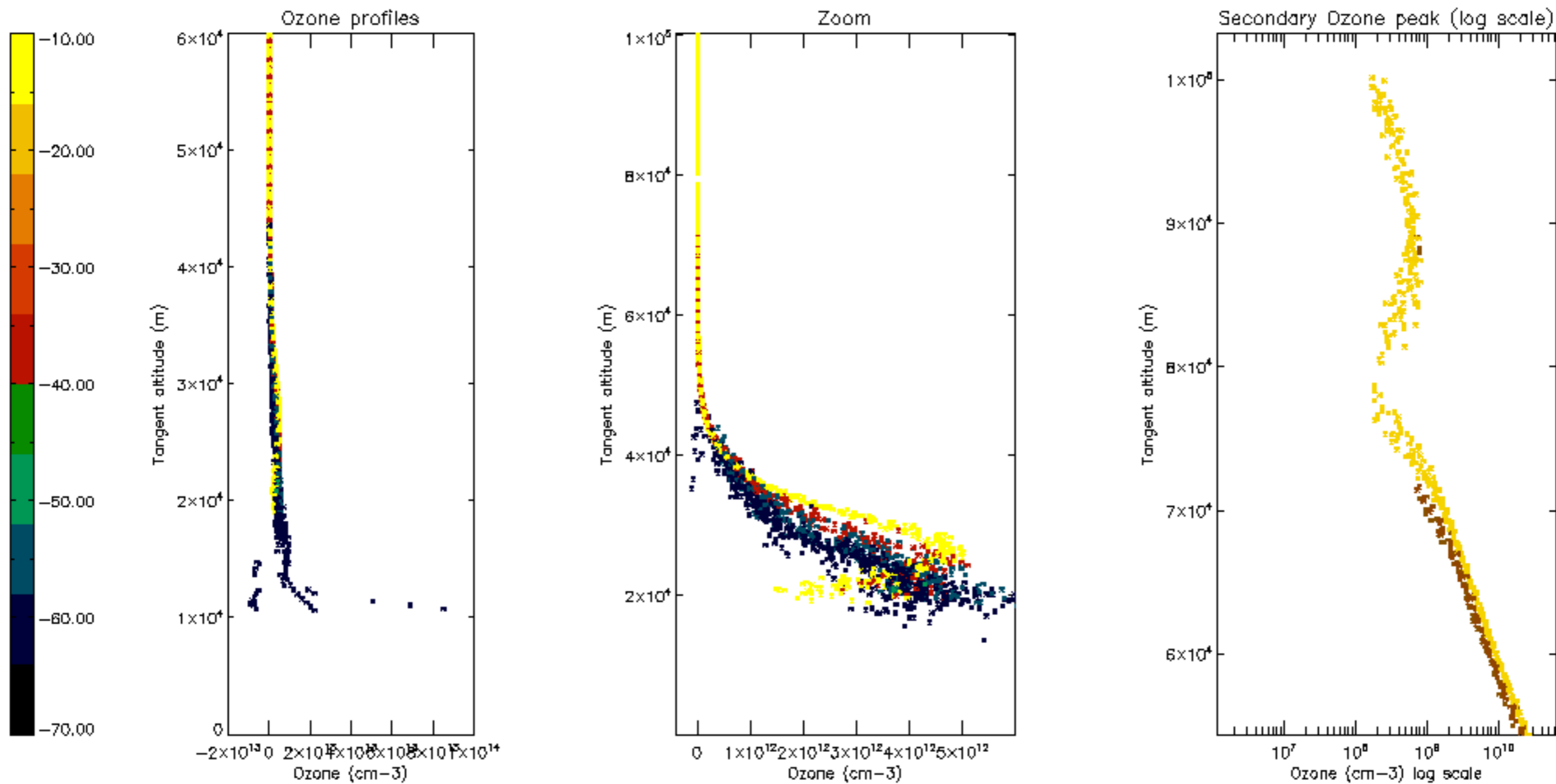
Percentage of star falling outside central band per profile

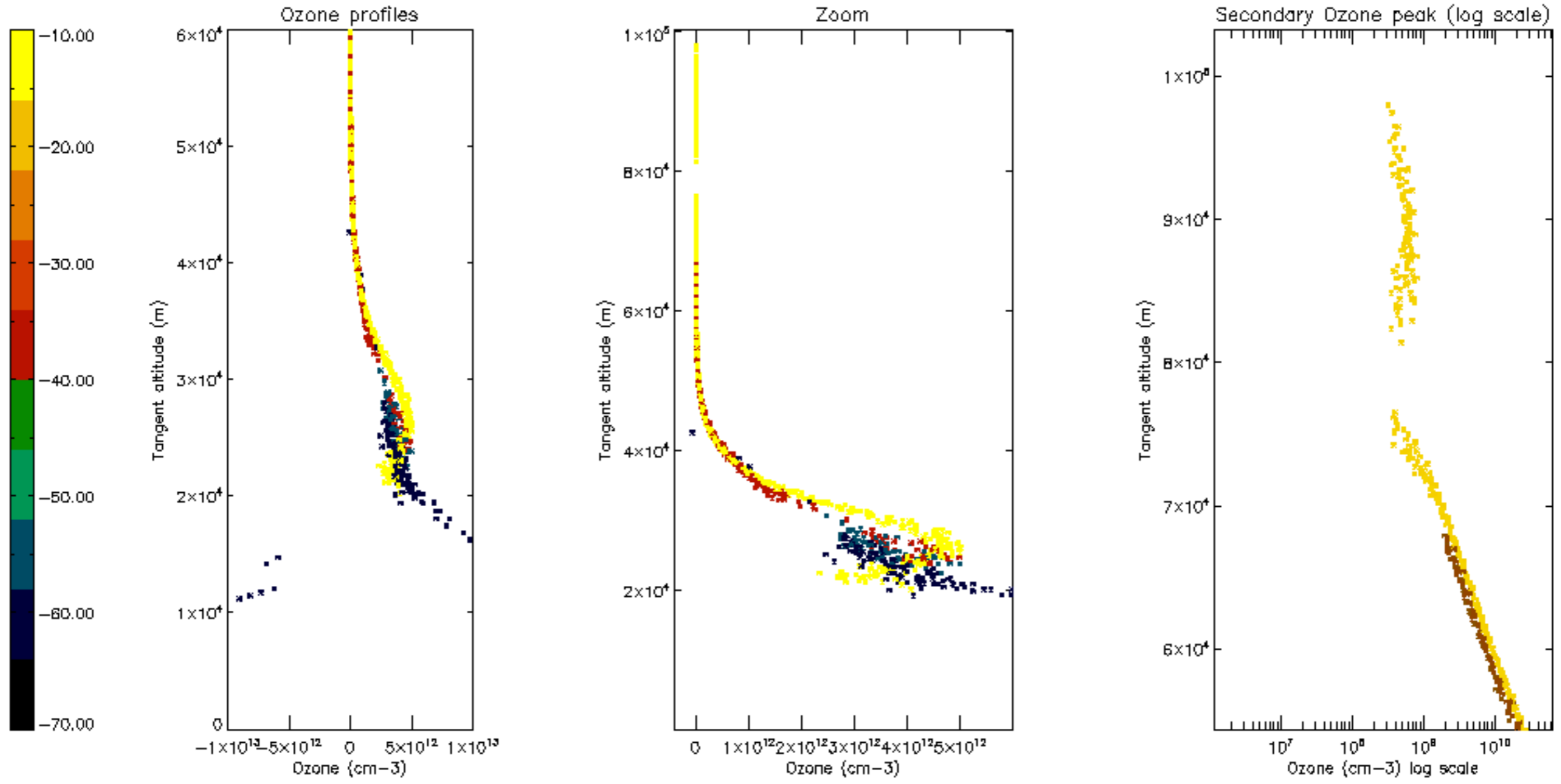


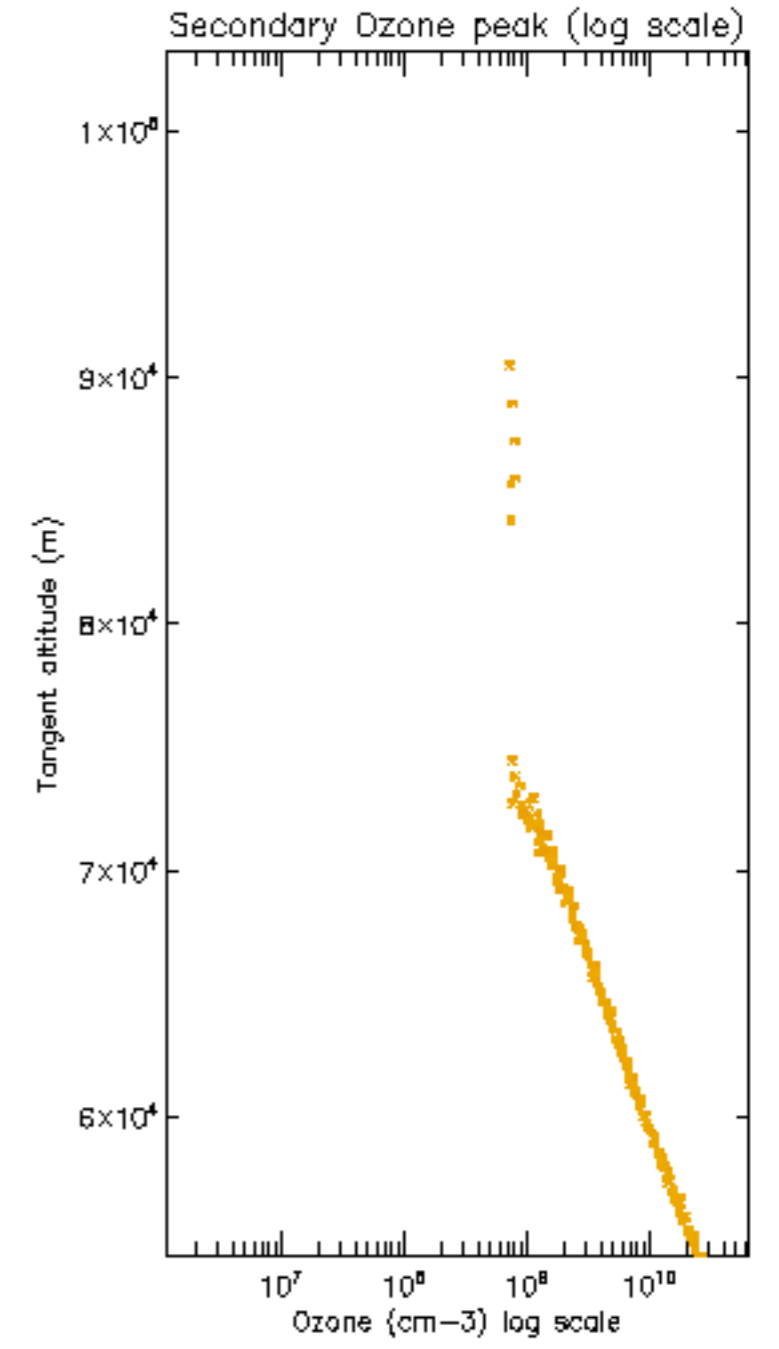
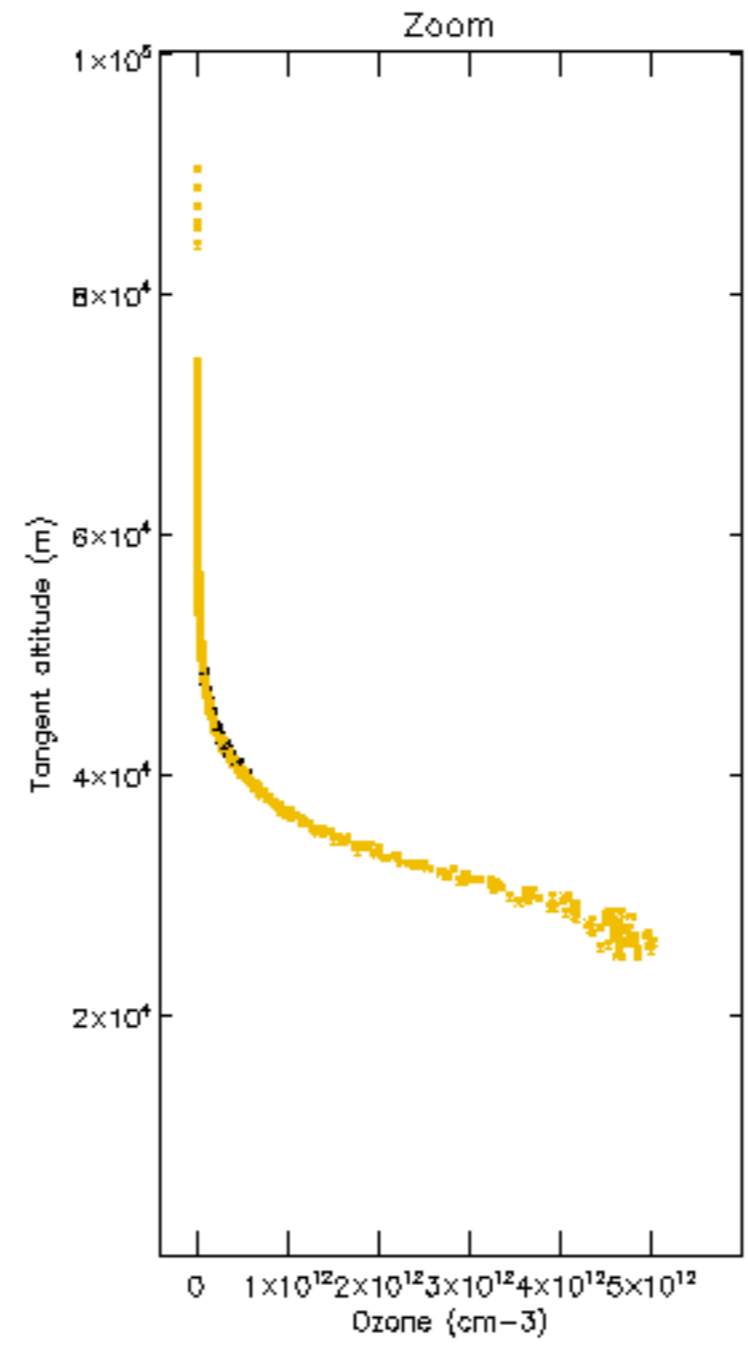
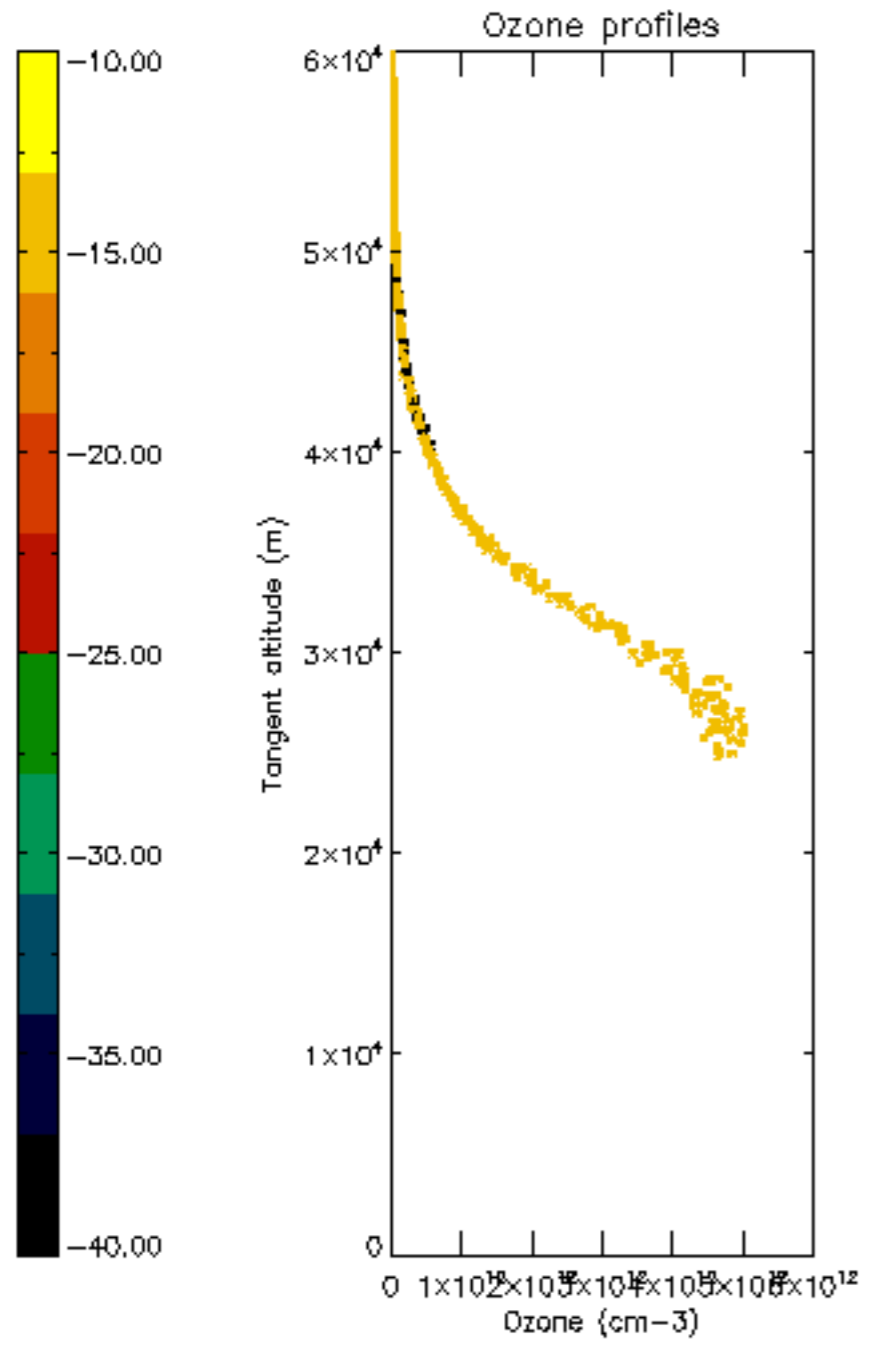
Percentage of saturation errors per profile

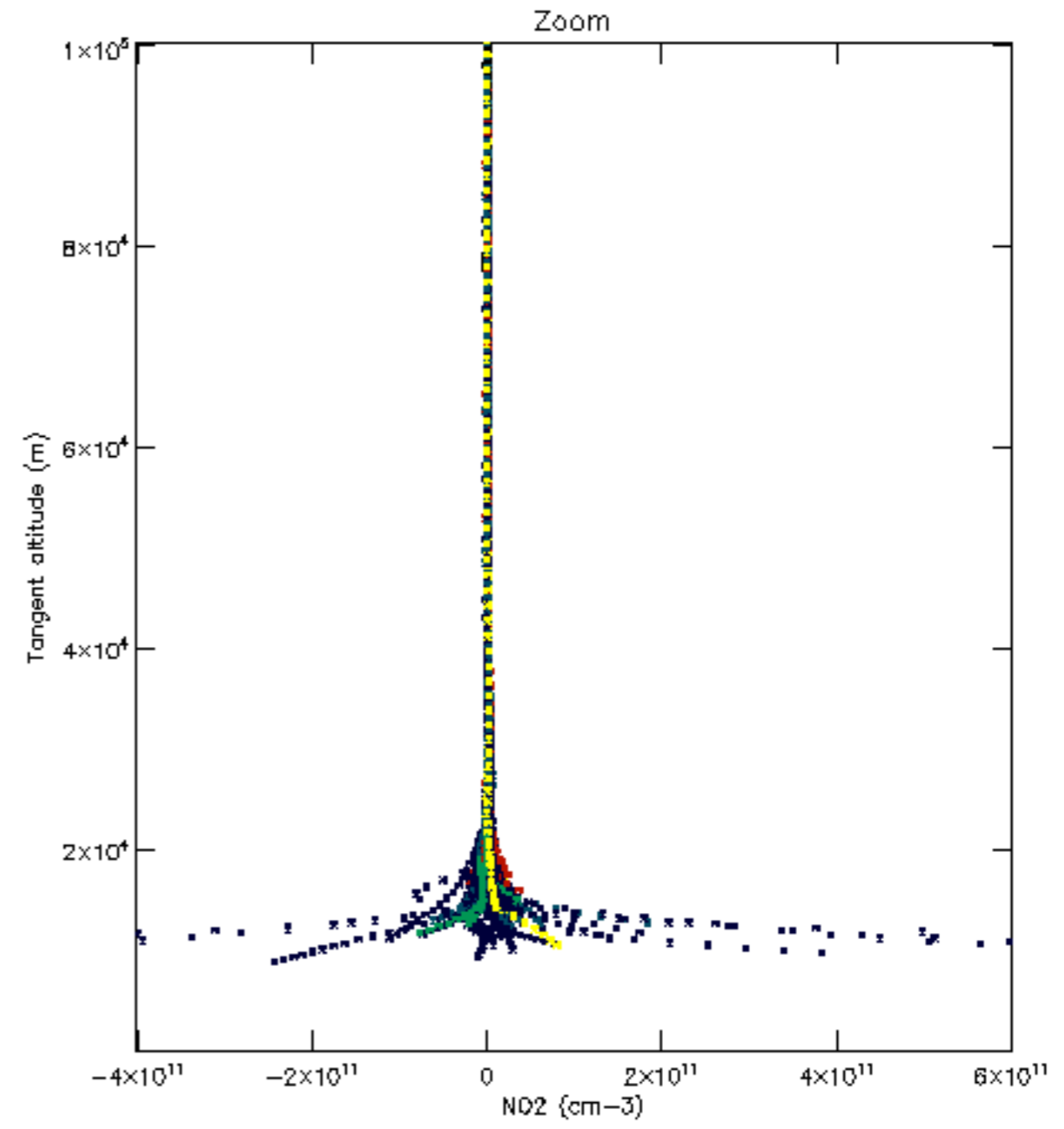
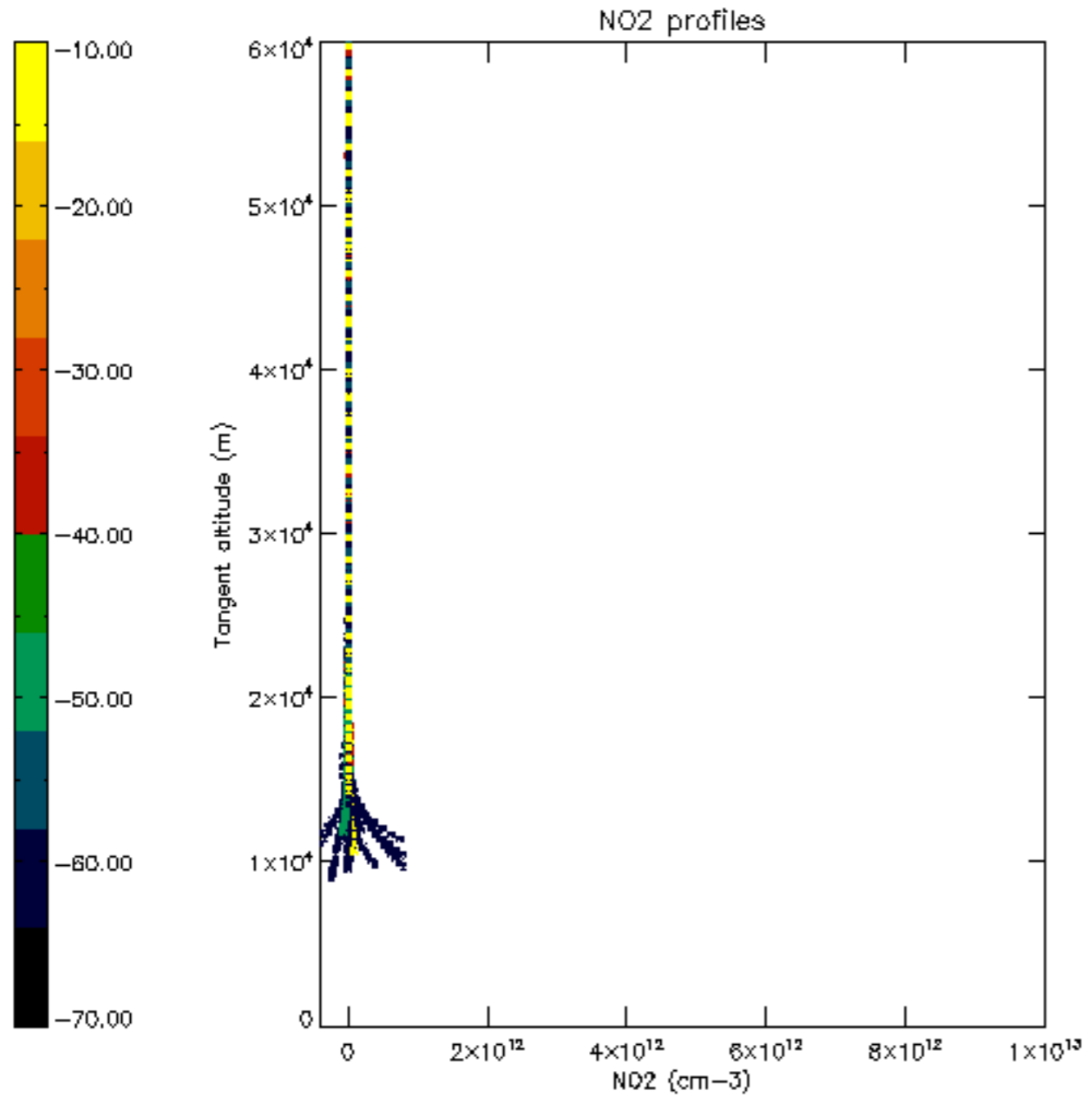


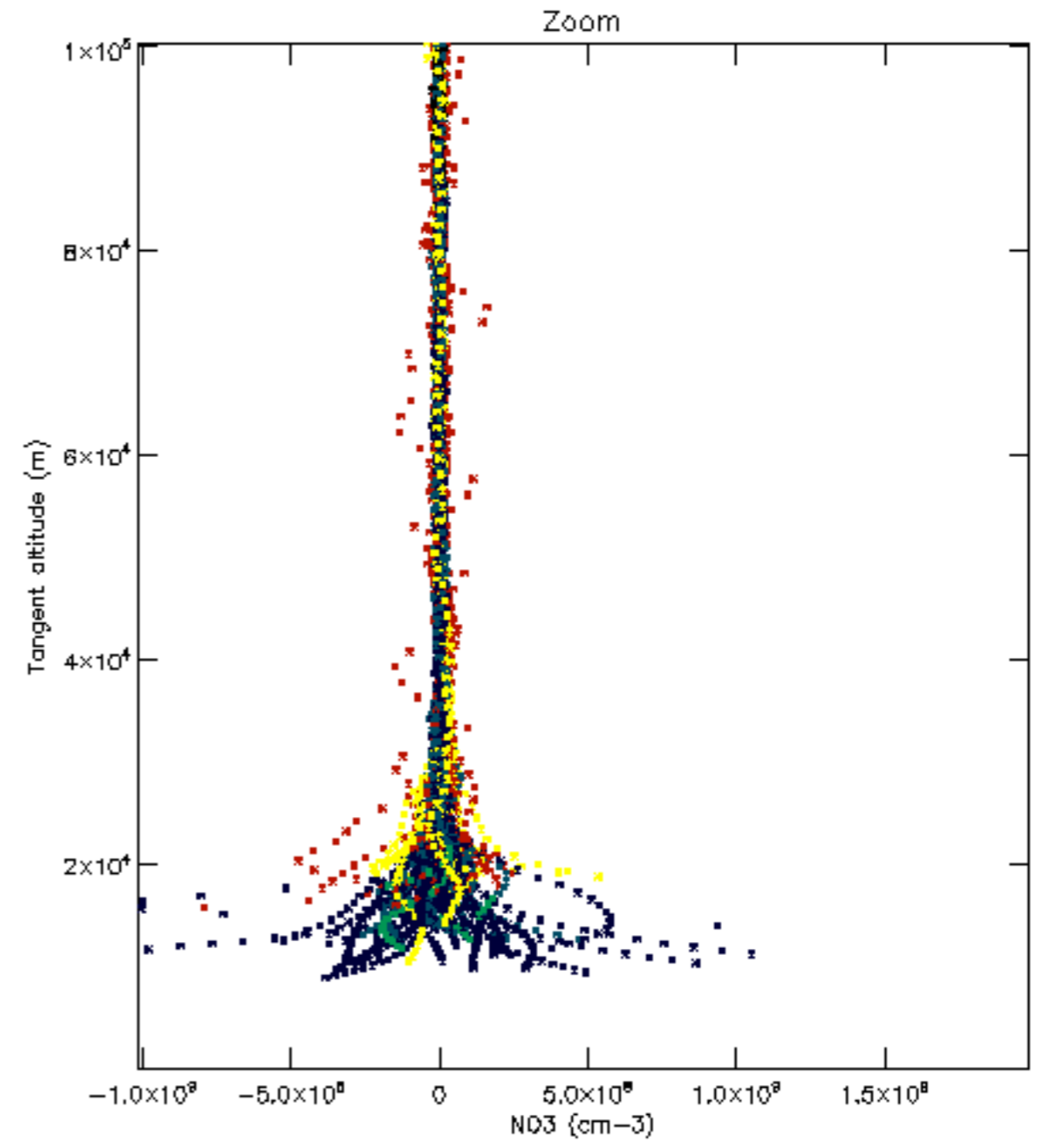
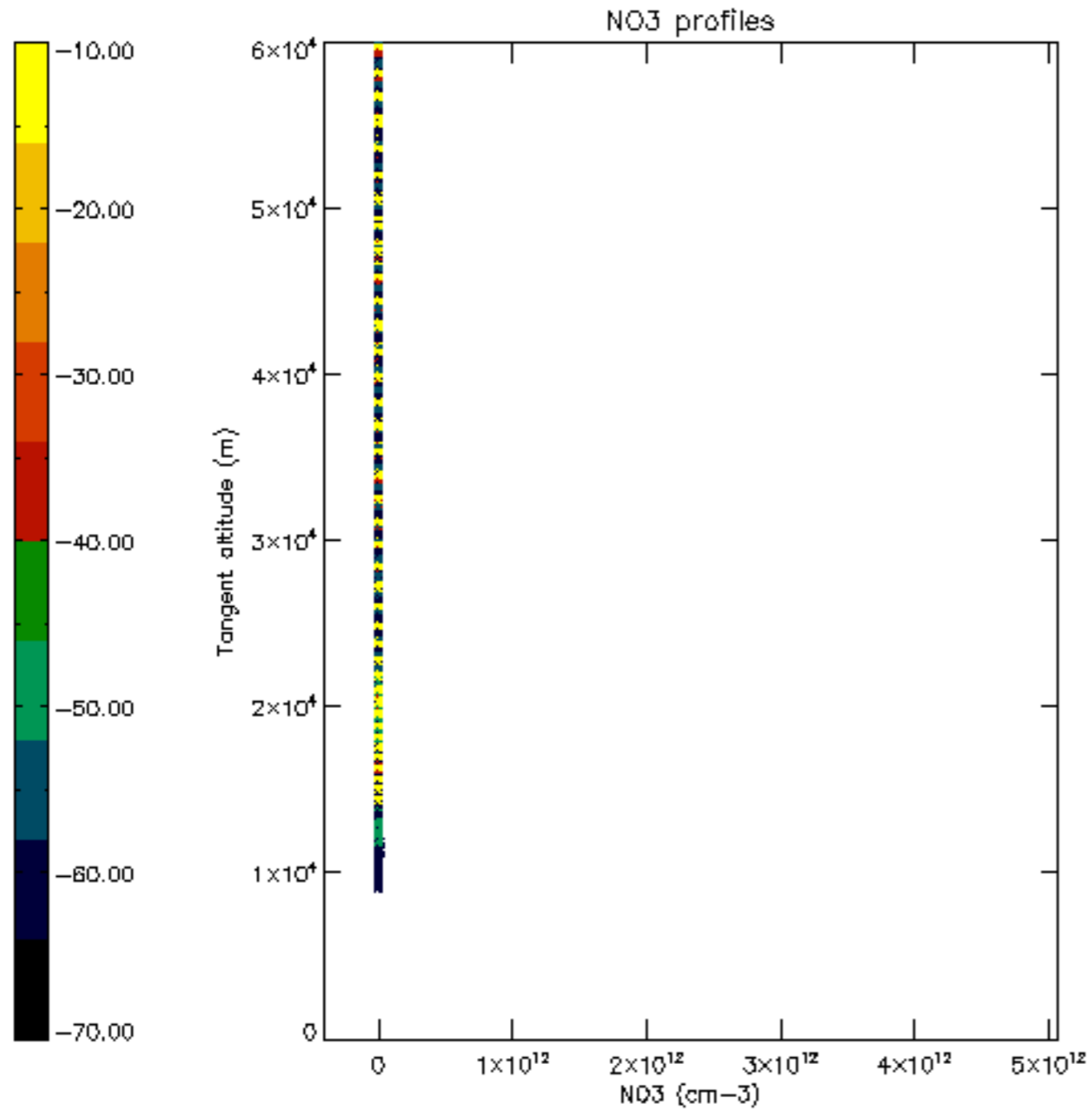


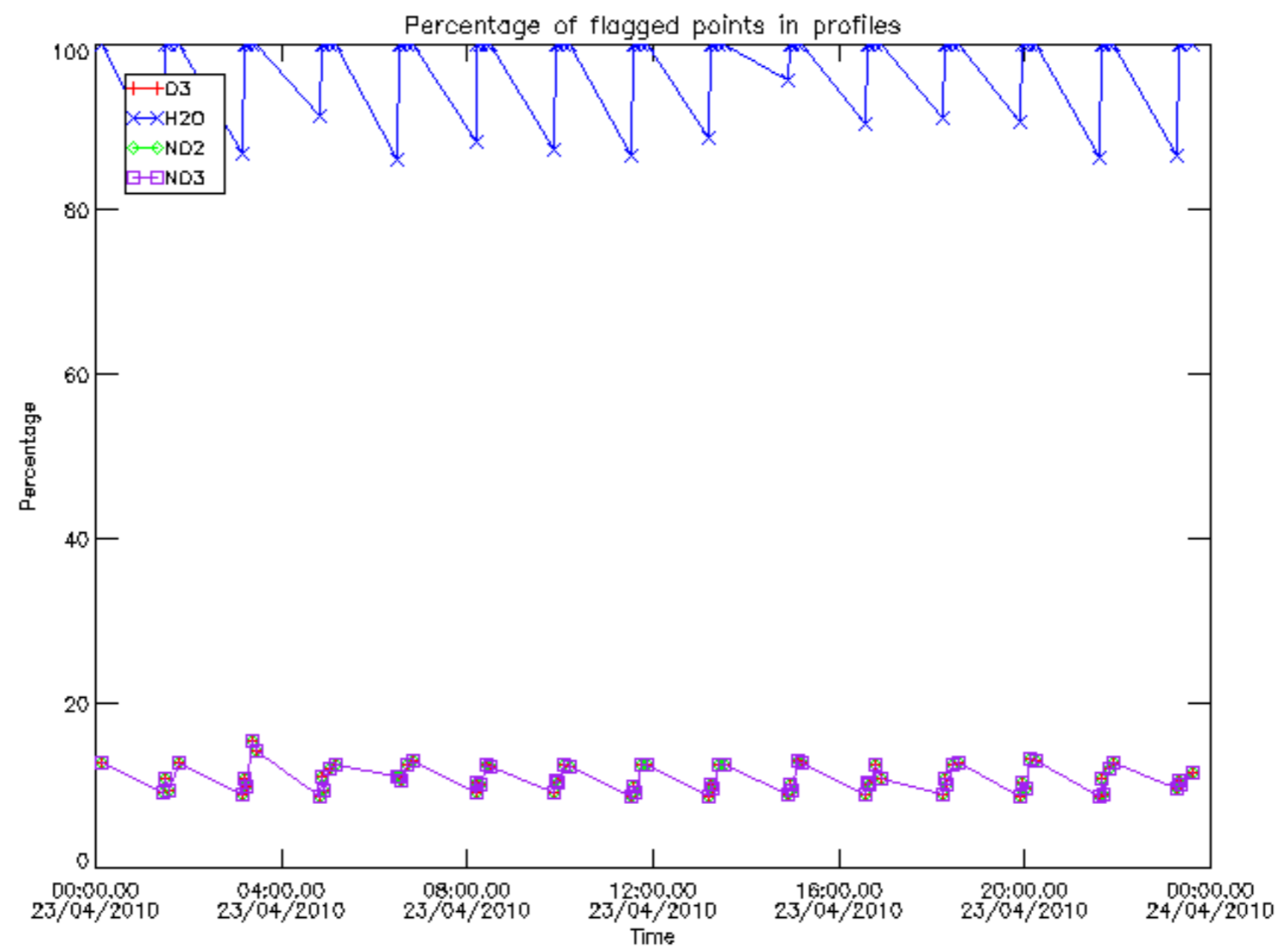




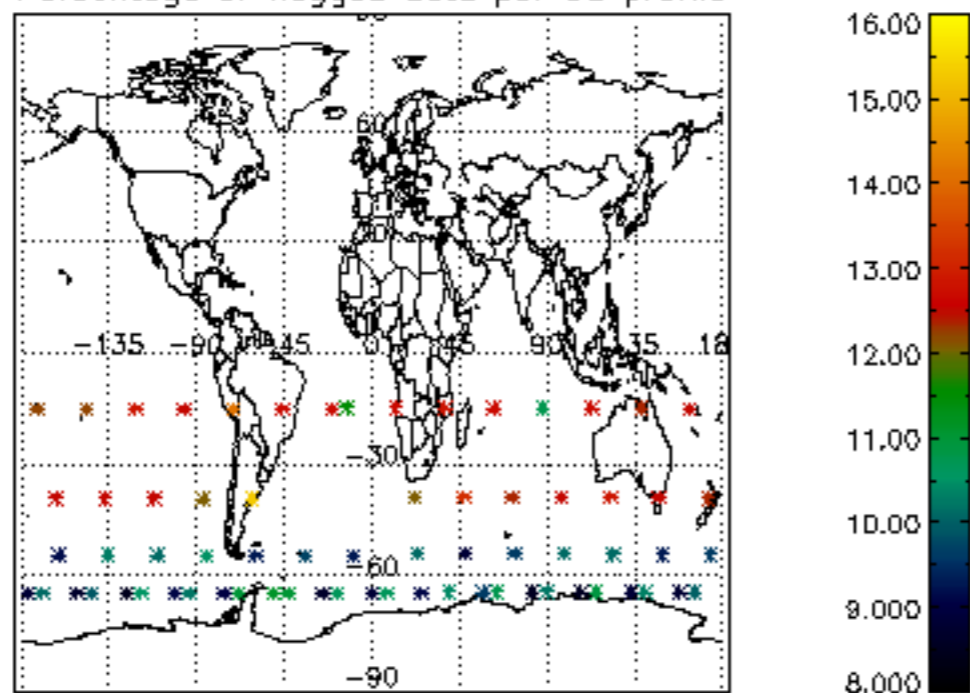




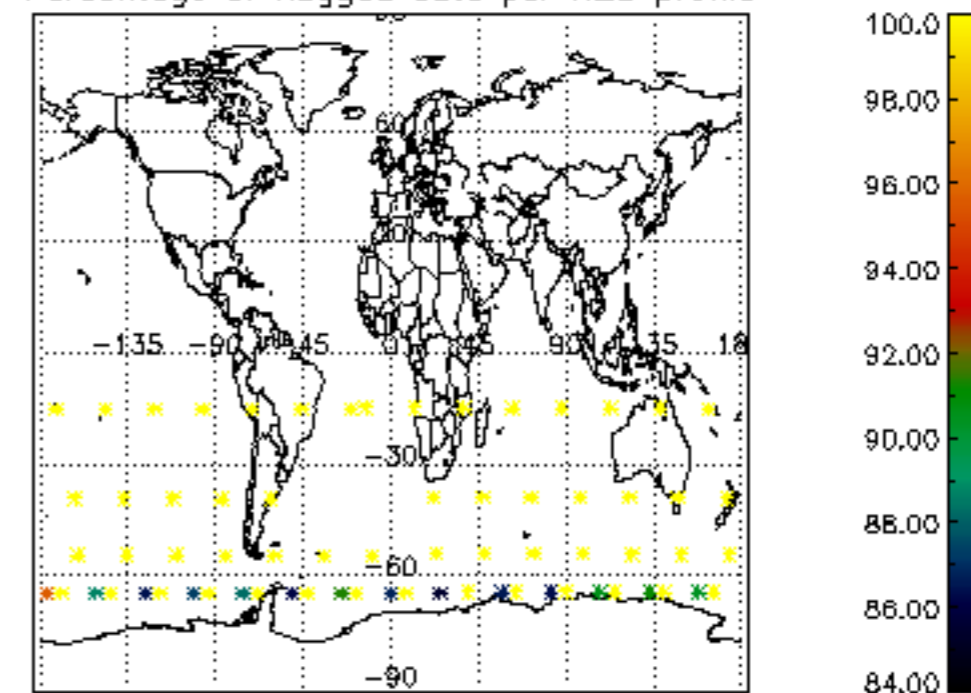




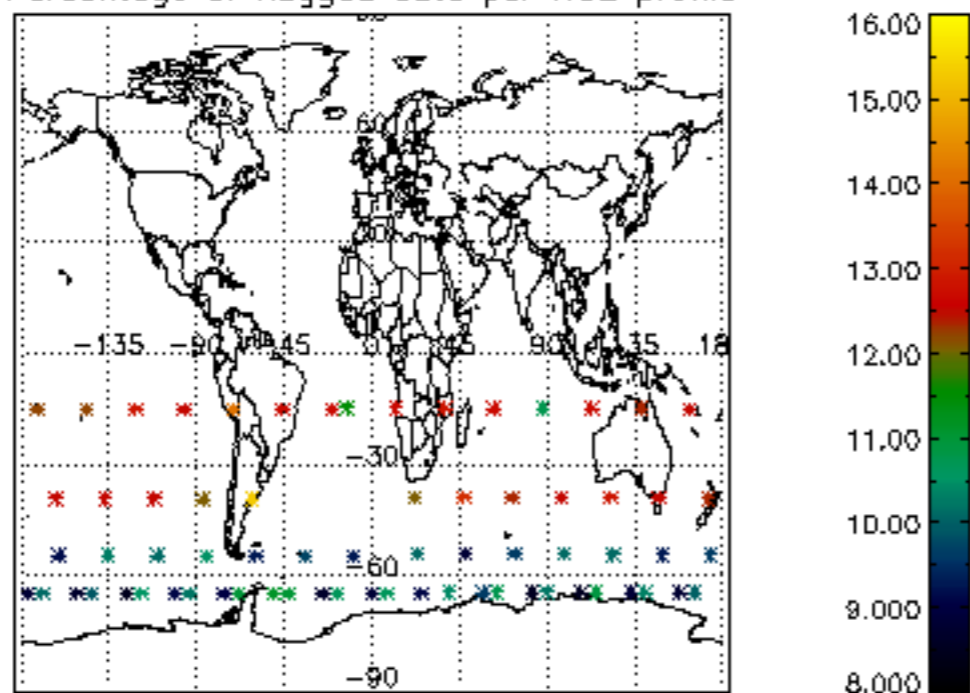
Percentage of flagged data per D3 profile



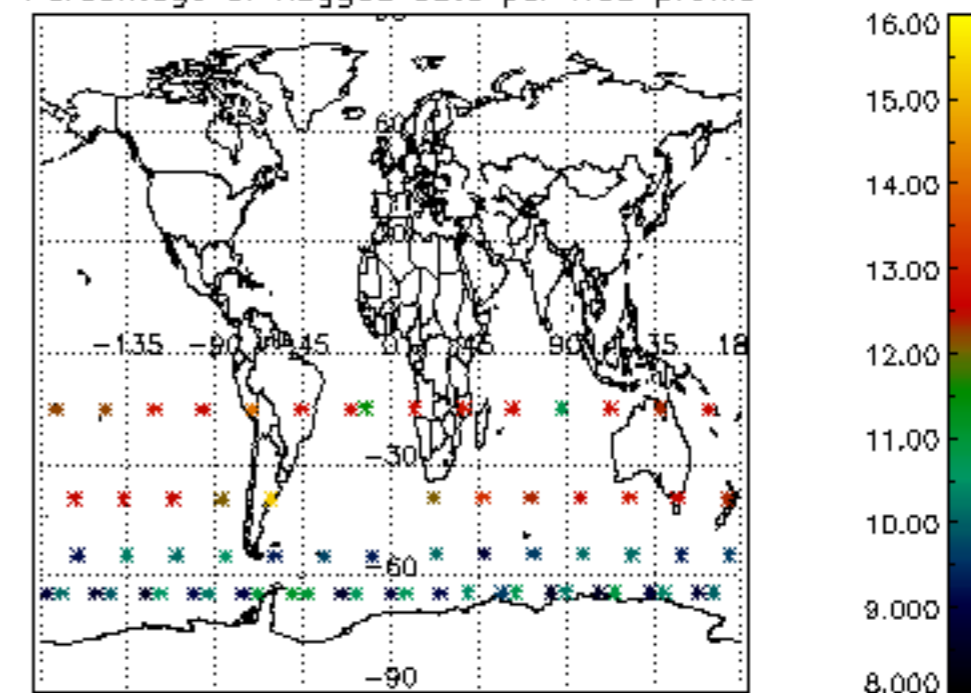
Percentage of flagged data per H2O profile

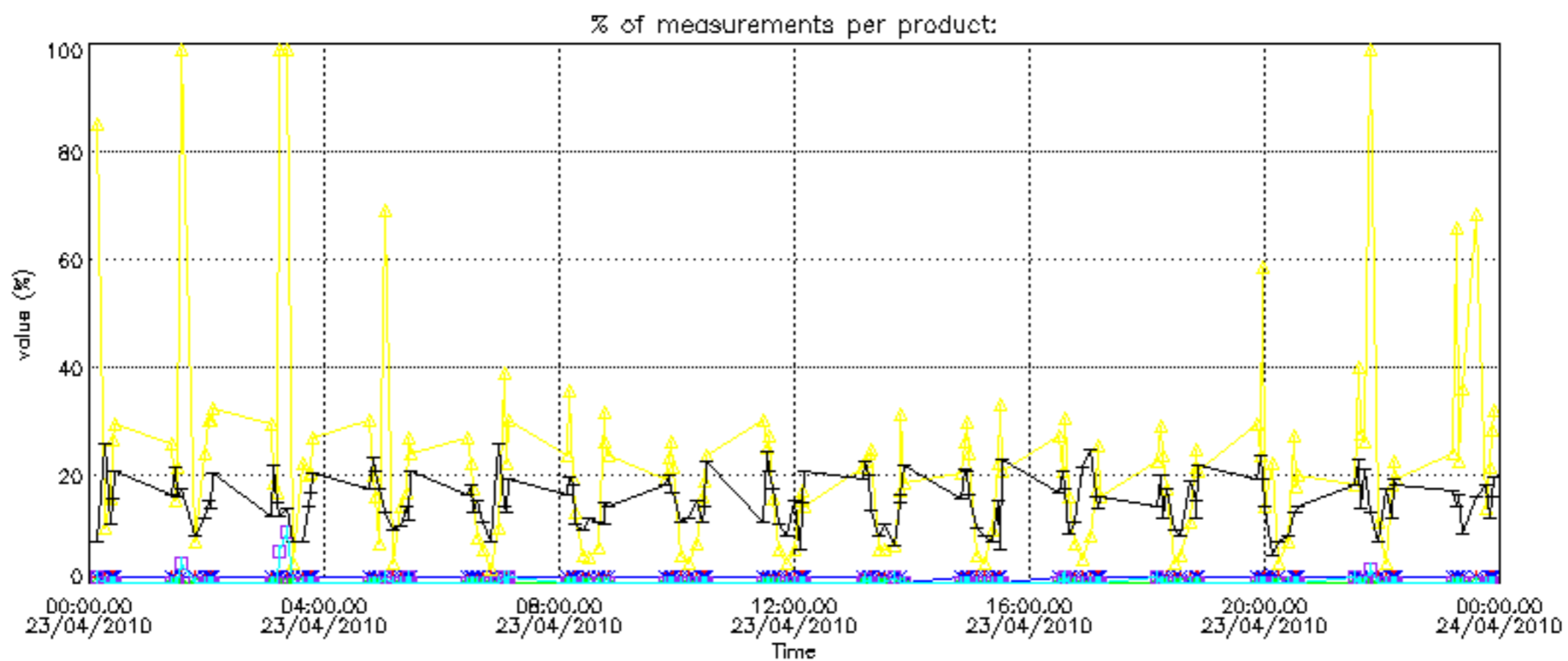


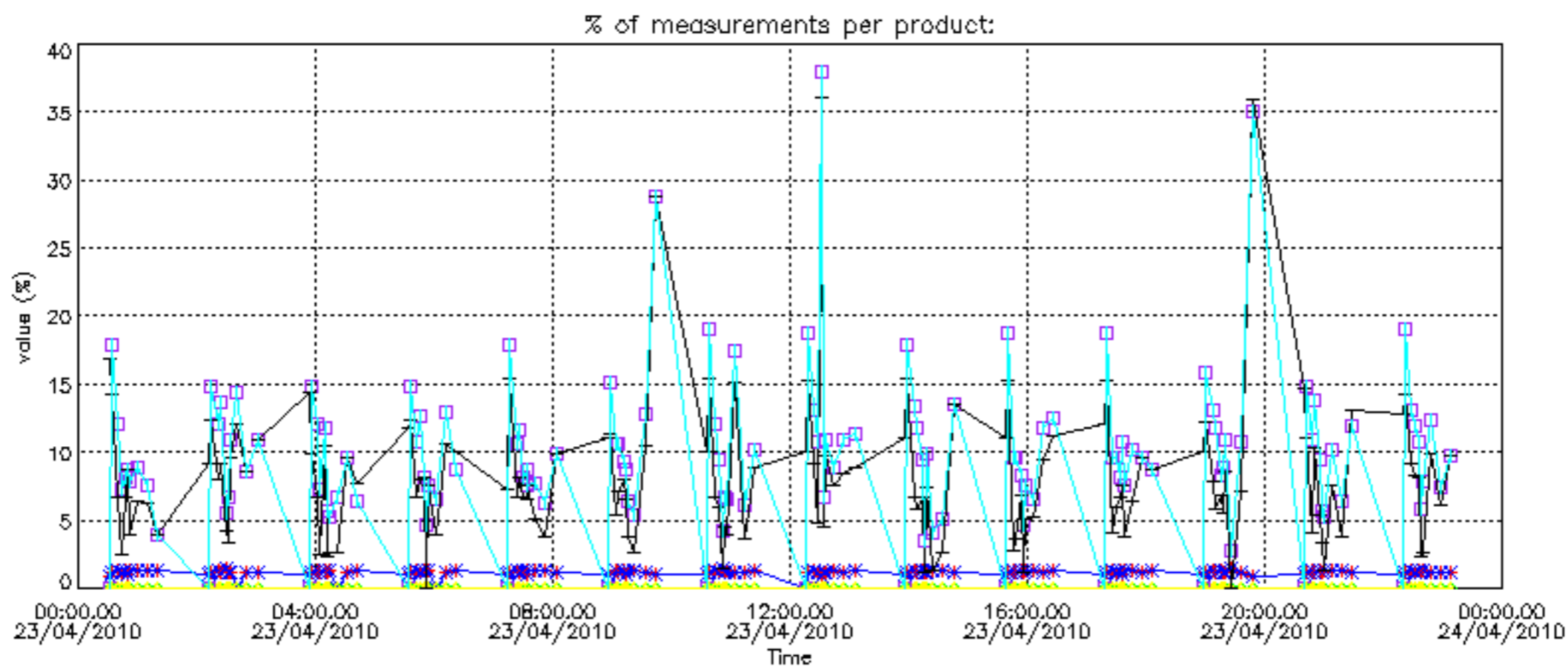
Percentage of flagged data per NO2 profile



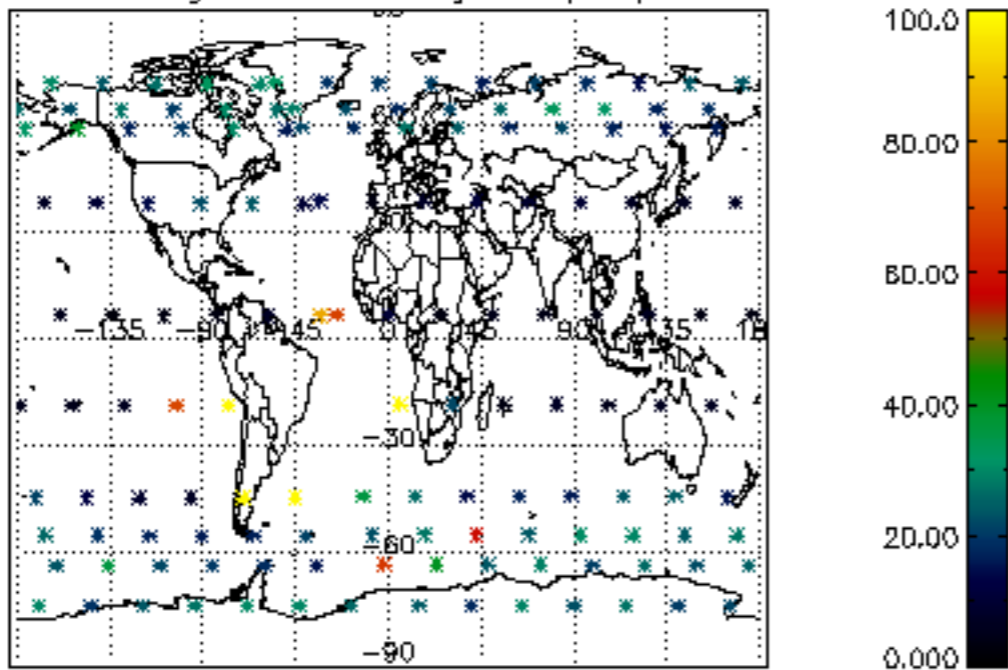
Percentage of flagged data per NO3 profile



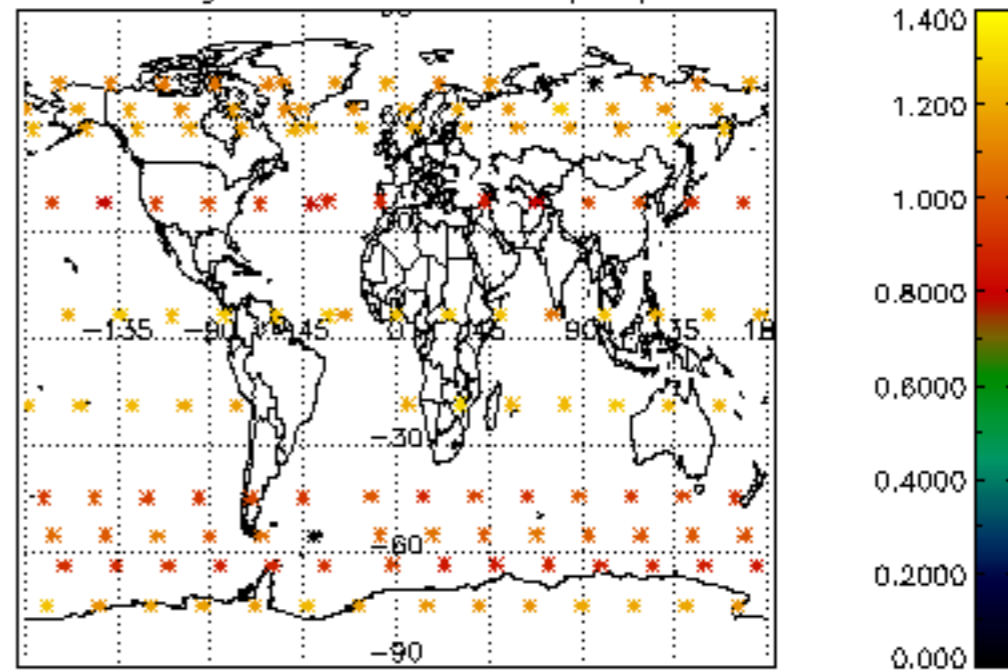




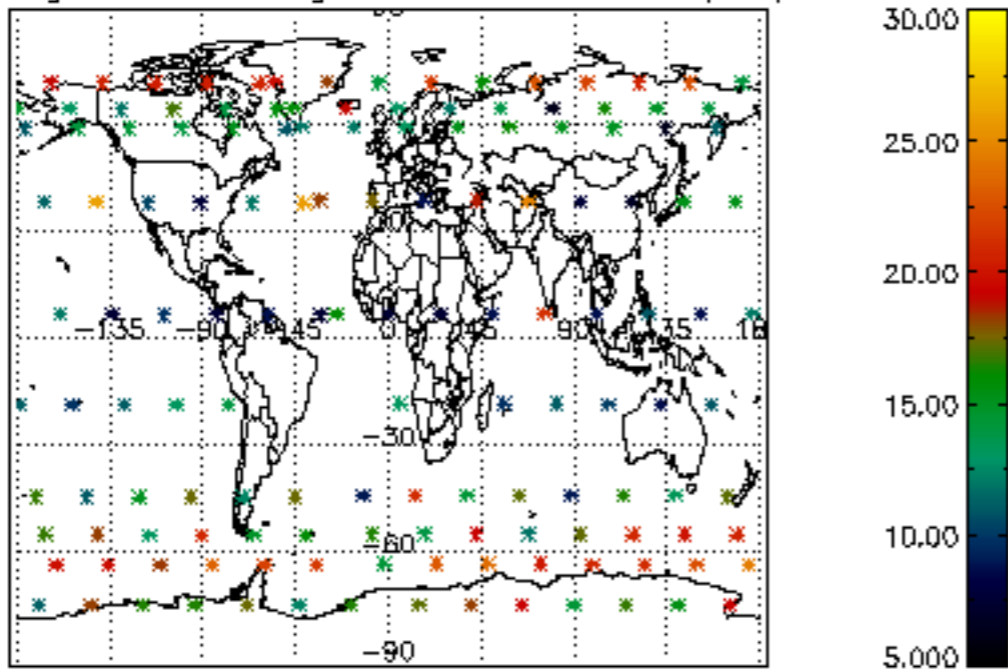
Percentage of cosmic ray hits per profile



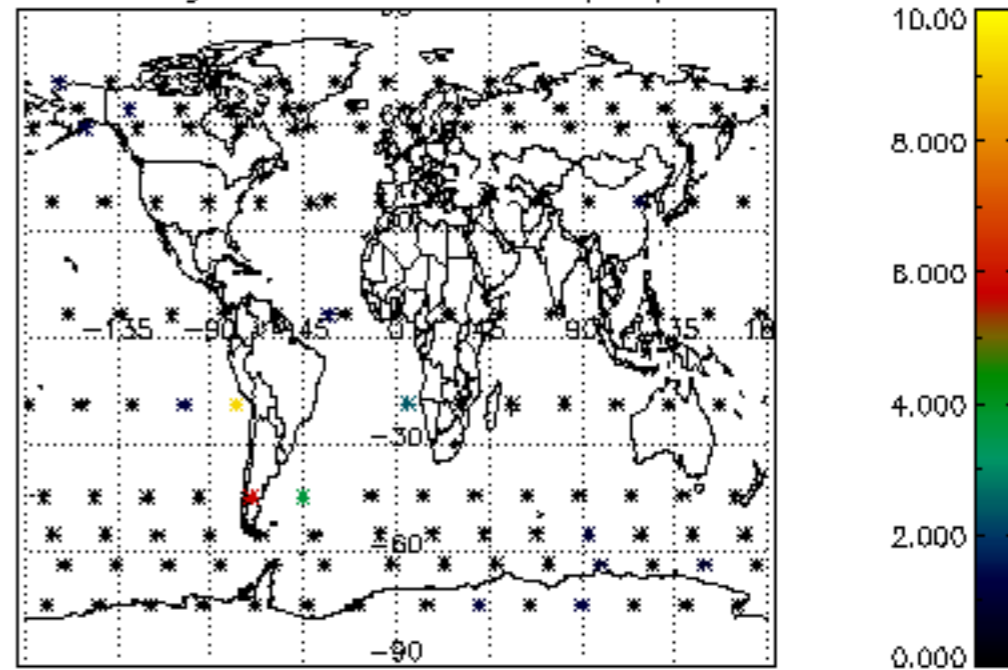
Percentage of datation errors per profile



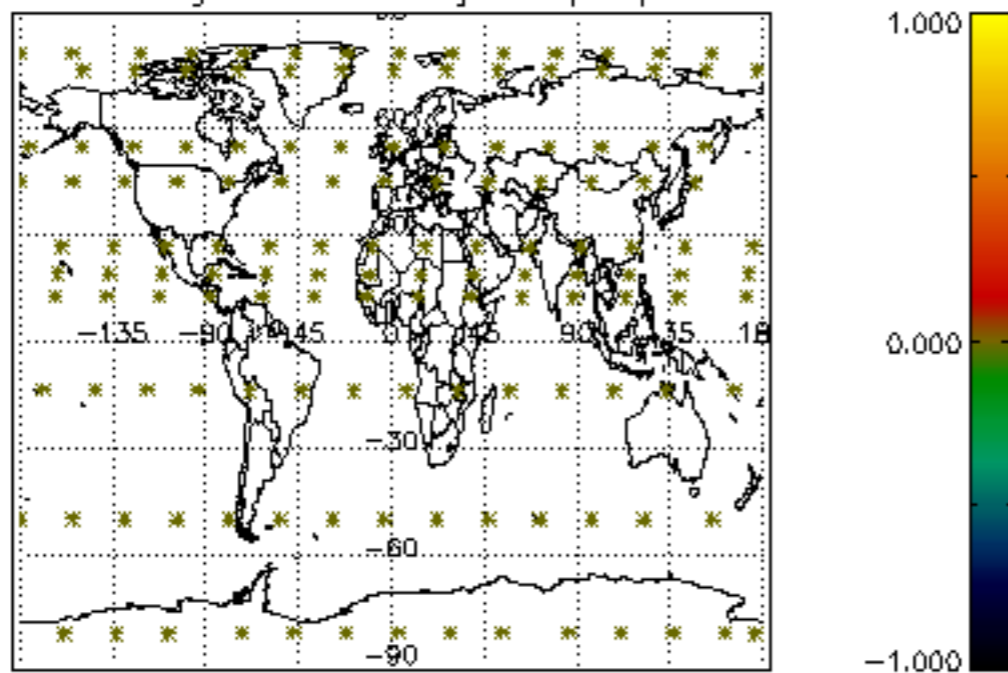
Percentage of star falling outside central band per profile



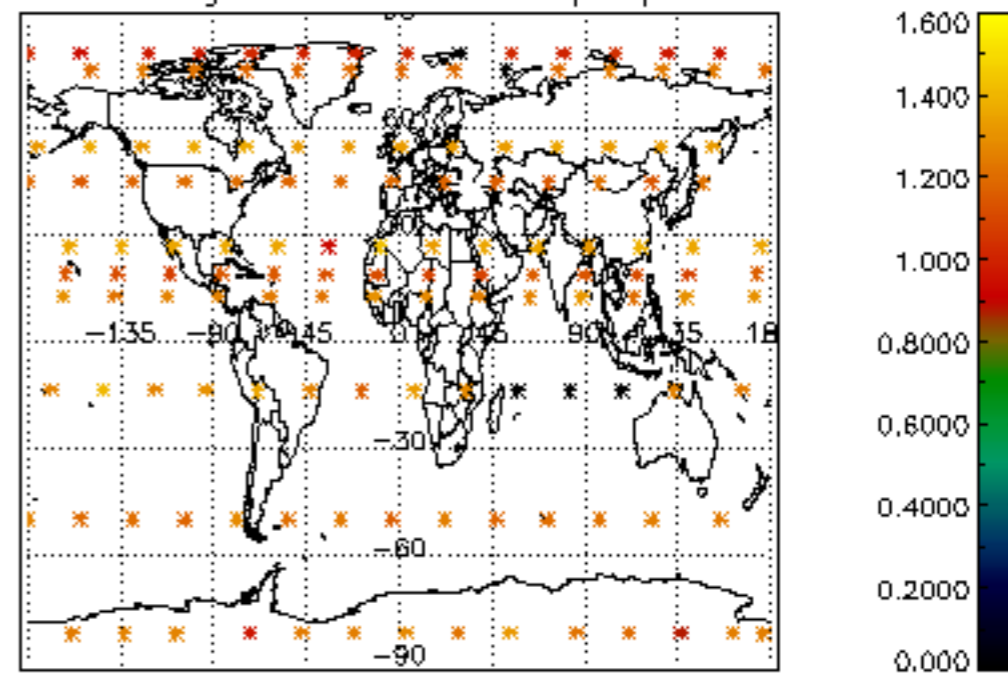
Percentage of saturation errors per profile



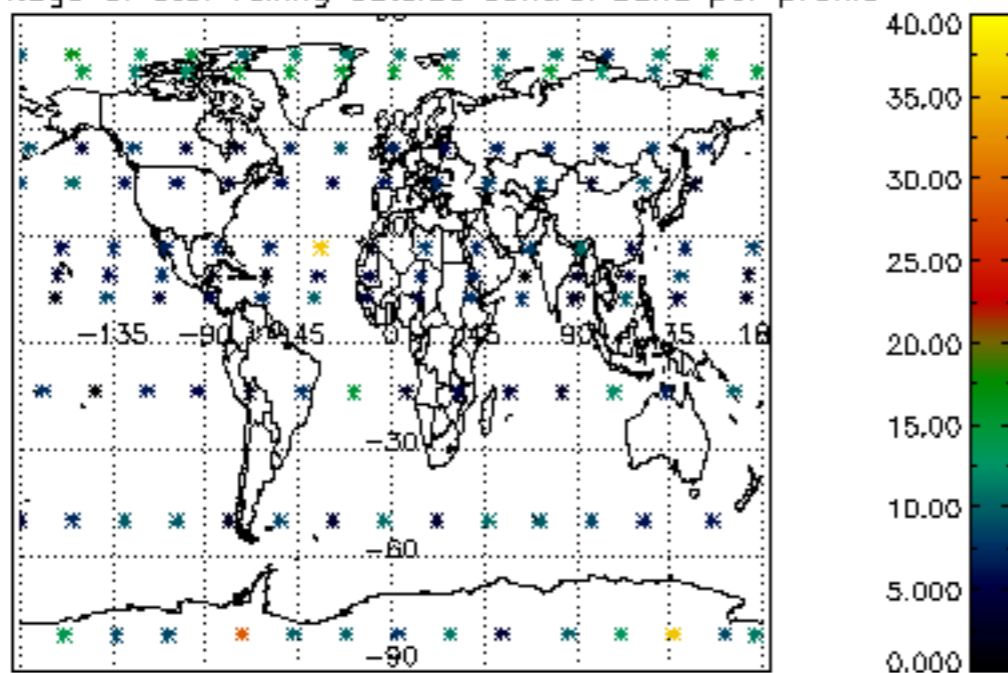
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

