

# 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 09:36:25
Data source version	GOMOS/6.01
Start time of products	12-04-2010 (12APR2010 00:00:00)
Stop time of products	13-04-2010 (13APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	285
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__2PRFIN20100412_000601_000000392088_00288_42426_3869.N1	12-APR-2010 00:06:01	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42426	No
2	GOM_NL__2PRFIN20100412_000750_000000352088_00288_42426_3870.N1	12-APR-2010 00:07:50	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	42426	No
3	GOM_NL__2PRFIN20100412_001559_000000372088_00288_42426_3871.N1	12-APR-2010 00:15:59	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42426	No
4	GOM_NL__2PRFIN20100412_002115_000000462088_00288_42426_3872.N1	12-APR-2010 00:21:15	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	42426	No
5	GOM_NL__2PRFIN20100412_002522_000000602088_00288_42426_3873.N1	12-APR-2010 00:25:22	Bright	59.500	92	53Eps Cyg	2.5000	4500.0	119	42426	No
6	GOM_NL__2PRFIN20100412_003229_000000502088_00288_42426_3874.N1	12-APR-2010 00:32:29	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42426	No
7	GOM_NL__2PRFIN20100412_003457_000000462088_00288_42426_3875.N1	12-APR-2010 00:34:57	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42426	No
8	GOM_NL__2PRFIN20100412_003724_000000482088_00288_42426_3876.N1	12-APR-2010 00:37:24	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42426	No
9	GOM_NL__2PRFIN20100412_003951_000000452088_00288_42426_3877.N1	12-APR-2010 00:39:51	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42426	No
10	GOM_NL__2PRFIN20100412_005937_000000532088_00289_42427_3865.N1	12-APR-2010 00:59:37	Dark	52.500	40	The Sco	1.8590	7100.0	105	42427	No
11	GOM_NL__2PRFIN20100412_010714_000000442088_00289_42427_3866.N1	12-APR-2010 01:07:14	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42427	No
12	GOM_NL__2PRFIN20100412_010850_000000472088_00289_42427_3867.N1	12-APR-2010 01:08:50	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42427	No
13	GOM_NL__2PRFIN20100412_011118_000000472088_00289_42427_3868.N1	12-APR-2010 01:11:18	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42427	No
14	GOM_NL__2PRFIN20100412_011611_000000442088_00289_42427_3869.N1	12-APR-2010 01:16:11	Twilight	44.000	169	46Gam Hya	2.9910	4700.0	88	42427	No
15	GOM_NL__2PRFIN20100412_011838_000000422088_00289_42427_3870.N1	12-APR-2010 01:18:38	Bright	41.500	163	7Del Crv	2.9450	11000.	83	42427	No
16	GOM_NL__2PRFIN20100412_011957_000000492088_00289_42427_3871.N1	12-APR-2010 01:19:57	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42427	No
17	GOM_NL__2PRFIN20100412_012302_000000412088_00289_42427_3872.N1	12-APR-2010 01:23:02	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42427	No
18	GOM_NL__2PRFIN20100412_012700_000000412088_00289_42427_3873.N1	12-APR-2010 01:27:00	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42427	No
19	GOM_NL__2PRFIN20100412_013514_000000392088_00289_42427_3874.N1	12-APR-2010 01:35:14	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42427	No
20	GOM_NL__2PRFIN20100412_013851_000000352088_00289_42427_3875.N1	12-APR-2010 01:38:51	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	42427	No
21	GOM_NL__2PRFIN20100412_014010_000000372088_00289_42427_3876.N1	12-APR-2010 01:40:10	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	42427	No
22	GOM_NL__2PRFIN20100412_014636_000000422088_00289_42427_3877.N1	12-APR-2010 01:46:36	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42427	No
23	GOM_NL__2PRFIN20100412_014825_000000352088_00289_42427_3878.N1	12-APR-2010 01:48:25	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	42427	No
24	GOM_NL__2PRFIN20100412_015635_000000392088_00289_42427_3879.N1	12-APR-2010 01:56:35	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42427	No
25	GOM_NL__2PRFIN20100412_020150_000000482088_00289_42427_3880.N1	12-APR-2010 02:01:50	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42427	No
26	GOM_NL__2PRFIN20100412_020558_000000522088_00289_42427_3881.N1	12-APR-2010 02:05:58	Bright	52.000	92	53Eps Cyg	2.5000	4500.0	104	42427	No
27	GOM_NL__2PRFIN20100412_021305_000000492088_00289_42427_3882.N1	12-APR-2010 02:13:05	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42427	No
28	GOM_NL__2PRFIN20100412_021533_000000422088_00289_42427_3883.N1	12-APR-2010 02:15:33	Dark	41.500	162	34Alp Aqr	2.9440	5350.0	83	42427	No
29	GOM_NL__2PRFIN20100412_021801_000000462088_00289_42427_3884.N1	12-APR-2010 02:18:01	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42427	No
30	GOM_NL__2PRFIN20100412_022027_000000422088_00289_42427_3885.N1	12-APR-2010 02:20:27	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	42427	No
31	GOM_NL__2PRFIN20100412_024014_000000532088_00290_42428_3873.N1	12-APR-2010 02:40:14	Dark	53.000	40	The Sco	1.8590	7100.0	106	42428	No
32	GOM_NL__2PRFIN20100412_024750_000000472088_00290_42428_3874.N1	12-APR-2010 02:47:50	Straylight	46.500	78	Alp Lup	2.3040	28000.	93	42428	No
33	GOM_NL__2PRFIN20100412_024927_000000432088_00290_42428_3875.N1	12-APR-2010 02:49:27	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42428	No
34	GOM_NL__2PRFIN20100412_025154_000000492088_00290_42428_3876.N1	12-APR-2010 02:51:54	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42428	No
35	GOM_NL__2PRFIN20100412_025647_000000462088_00290_42428_3877.N1	12-APR-2010 02:56:47	Twilight	45.500	169	46Gam Hya	2.9910	4700.0	91	42428	No
36	GOM_NL__2PRFIN20100412_025914_000000432088_00290_42428_3878.N1	12-APR-2010 02:59:14	Bright	42.500	163	7Del Crv	2.9450	11000.	85	42428	No
37	GOM_NL__2PRFIN20100412_030033_000000482088_00290_42428_3879.N1	12-APR-2010 03:00:33	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	42428	No
38	GOM_NL__2PRFIN20100412_030338_000000412088_00290_42428_3880.N1	12-APR-2010 03:03:38	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42428	No
39	GOM_NL__2PRFIN20100412_030735_000000422088_00290_42428_3881.N1	12-APR-2010 03:07:35	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42428	No
40	GOM_NL__2PRFIN20100412_031549_000000402088_00290_42428_3882.N1	12-APR-2010 03:15:49	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42428	No
41	GOM_NL__2PRFIN20100412_031927_000000362088_00290_42428_3883.N1	12-APR-2010 03:19:27	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	42428	No
42	GOM_NL__2PRFIN20100412_032046_000000382088_00290_42428_3884.N1	12-APR-2010 03:20:46	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	42428	No

43	GOM_NL__2PRFIN20100412_032712_000000402088_00290_42428_3885.N1	12-APR-2010 03:27:12	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42428	No
44	GOM_NL__2PRFIN20100412_032901_000000362088_00290_42428_3886.N1	12-APR-2010 03:29:01	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	42428	No
45	GOM_NL__2PRFIN20100412_033710_000000372088_00290_42428_3887.N1	12-APR-2010 03:37:10	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42428	No
46	GOM_NL__2PRFIN20100412_034226_000000482088_00290_42428_3888.N1	12-APR-2010 03:42:26	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	42428	No
47	GOM_NL__2PRFIN20100412_034633_000000542088_00290_42428_3889.N1	12-APR-2010 03:46:33	Bright	54.000	92	53Eps Cyg	2.5000	4500.0	108	42428	No
48	GOM_NL__2PRFIN20100412_035341_000000512088_00290_42428_3890.N1	12-APR-2010 03:53:41	Twilight	51.000	61	8Eps Peg	2.1000	3900.0	102	42428	No
49	GOM_NL__2PRFIN20100412_035610_000000442088_00290_42428_3891.N1	12-APR-2010 03:56:10	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	42428	No
50	GOM_NL__2PRFIN20100412_035837_000000462088_00290_42428_3892.N1	12-APR-2010 03:58:37	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42428	No
51	GOM_NL__2PRFIN20100412_040104_000000432088_00290_42428_3893.N1	12-APR-2010 04:01:04	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42428	No
52	GOM_NL__2PRFIN20100412_042051_000000572088_00291_42429_3881.N1	12-APR-2010 04:20:51	Dark	56.500	40	The Sco	1.8590	7100.0	113	42429	No
53	GOM_NL__2PRFIN20100412_042827_000000452088_00291_42429_3882.N1	12-APR-2010 04:28:27	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42429	No
54	GOM_NL__2PRFIN20100412_043003_000000432088_00291_42429_3883.N1	12-APR-2010 04:30:03	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42429	No
55	GOM_NL__2PRFIN20100412_043230_000000472088_00291_42429_3884.N1	12-APR-2010 04:32:30	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42429	No
56	GOM_NL__2PRFIN20100412_043723_000000462088_00291_42429_3885.N1	12-APR-2010 04:37:23	Tw_i_and_stray	45.500	169	46Gam Hya	2.9910	4700.0	91	42429	No
57	GOM_NL__2PRFIN20100412_043950_000000382088_00291_42429_3886.N1	12-APR-2010 04:39:50	Bright	38.000	163	7Del Crv	2.9450	11000.	76	42429	No
58	GOM_NL__2PRFIN20100412_044109_000000492088_00291_42429_3887.N1	12-APR-2010 04:41:09	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42429	No
59	GOM_NL__2PRFIN20100412_044414_000000422088_00291_42429_3888.N1	12-APR-2010 04:44:14	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	42429	No
60	GOM_NL__2PRFIN20100412_044811_000000412088_00291_42429_3889.N1	12-APR-2010 04:48:11	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42429	No
61	GOM_NL__2PRFIN20100412_045625_000000392088_00291_42429_3890.N1	12-APR-2010 04:56:25	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42429	No
62	GOM_NL__2PRFIN20100412_050003_000000342088_00291_42429_3891.N1	12-APR-2010 05:00:03	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	42429	No
63	GOM_NL__2PRFIN20100412_050121_000000412088_00291_42429_3892.N1	12-APR-2010 05:01:21	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	42429	No
64	GOM_NL__2PRFIN20100412_050748_000000572088_00291_42429_3893.N1	12-APR-2010 05:07:48	Bright	57.000	60	7Bet UMi	2.0810	3950.0	114	42429	No
65	GOM_NL__2PRFIN20100412_050936_000000362088_00291_42429_3894.N1	12-APR-2010 05:09:36	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	42429	No
66	GOM_NL__2PRFIN20100412_051746_000000382088_00291_42429_3895.N1	12-APR-2010 05:17:46	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	42429	No
67	GOM_NL__2PRFIN20100412_052302_000000482088_00291_42429_3896.N1	12-APR-2010 05:23:02	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42429	No
68	GOM_NL__2PRFIN20100412_052710_000000532088_00291_42429_3897.N1	12-APR-2010 05:27:10	Bright	53.000	92	53Eps Cyg	2.5000	4500.0	106	42429	No
69	GOM_NL__2PRFIN20100412_053418_000000452088_00291_42429_3898.N1	12-APR-2010 05:34:18	Twilight	45.000	61	8Eps Peg	2.1000	3900.0	90	42429	No
70	GOM_NL__2PRFIN20100412_053646_000000442088_00291_42429_3899.N1	12-APR-2010 05:36:46	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	42429	No
71	GOM_NL__2PRFIN20100412_053914_000000472088_00291_42429_3900.N1	12-APR-2010 05:39:14	Dark	47.000	154	22Bet Aqr	2.8990	5700.0	94	42429	No
72	GOM_NL__2PRFIN20100412_054140_000000422088_00291_42429_3901.N1	12-APR-2010 05:41:40	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	42429	No
73	GOM_NL__2PRFIN20100412_060128_000000532088_00292_42430_3897.N1	12-APR-2010 06:01:28	Dark	52.500	40	The Sco	1.8590	7100.0	105	42430	No
74	GOM_NL__2PRFIN20100412_060903_000000442088_00292_42430_3898.N1	12-APR-2010 06:09:03	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42430	No
75	GOM_NL__2PRFIN20100412_061040_000000442088_00292_42430_3899.N1	12-APR-2010 06:10:40	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42430	No
76	GOM_NL__2PRFIN20100412_061307_000000472088_00292_42430_3900.N1	12-APR-2010 06:13:07	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42430	No
77	GOM_NL__2PRFIN20100412_061759_000000462088_00292_42430_3901.N1	12-APR-2010 06:17:59	Tw_i_and_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	42430	No
78	GOM_NL__2PRFIN20100412_062026_000000532088_00292_42430_3902.N1	12-APR-2010 06:20:26	Bright	53.000	163	7Del Crv	2.9450	11000.	106	42430	No
79	GOM_NL__2PRFIN20100412_062145_000000482088_00292_42430_3903.N1	12-APR-2010 06:21:45	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	42430	No
80	GOM_NL__2PRFIN20100412_062450_000000392088_00292_42430_3904.N1	12-APR-2010 06:24:50	Bright	39.000	121	29Gam Vir	2.7400	7200.0	78	42430	No
81	GOM_NL__2PRFIN20100412_062847_000000422088_00292_42430_3905.N1	12-APR-2010 06:28:47	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42430	No
82	GOM_NL__2PRFIN20100412_063700_000000392088_00292_42430_3906.N1	12-APR-2010 06:37:00	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42430	No
83	GOM_NL__2PRFIN20100412_064039_000000372088_00292_42430_3907.N1	12-APR-2010 06:40:39	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42430	No
84	GOM_NL__2PRFIN20100412_064157_000000382088_00292_42430_3908.N1	12-APR-2010 06:41:57	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	42430	No
85	GOM_NL__2PRFIN20100412_064823_000000392088_00292_42430_3909.N1	12-APR-2010 06:48:23	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42430	No
86	GOM_NL__2PRFIN20100412_065011_000000372088_00292_42430_3910.N1	12-APR-2010 06:50:11	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	42430	No
87	GOM_NL__2PRFIN20100412_065822_000000402088_00292_42430_3911.N1	12-APR-2010 06:58:22	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42430	No
88	GOM_NL__2PRFIN20100412_070337_000000472088_00292_42430_3912.N1	12-APR-2010 07:03:37	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	42430	No
89	GOM_NL__2PRFIN20100412_070746_000000512088_00292_42430_3913.N1	12-APR-2010 07:07:46	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	42430	No
90	GOM_NL__2PRFIN20100412_071454_000000492088_00292_42430_3914.N1	12-APR-2010 07:14:54	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42430	No
91	GOM_NL__2PRFIN20100412_071722_000000462088_00292_42430_3915.N1	12-APR-2010 07:17:22	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42430	No
92	GOM_NL__2PRFIN20100412_071950_000000472088_00292_42430_3916.N1	12-APR-2010 07:19:50	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42430	No
93	GOM_NL__2PRFIN20100412_072217_000000452088_00292_42430_3917.N1	12-APR-2010 07:22:17	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42430	No
94	GOM_NL__2PRFIN20100412_074205_000000532088_00293_42431_3918.N1	12-APR-2010 07:42:05	Dark	52.500	40	The Sco	1.8590	7100.0	105	42431	No
95	GOM_NL__2PRFIN20100412_074940_000000442088_00293_42431_3919.N1	12-APR-2010 07:49:40	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42431	No
96	GOM_NL__2PRFIN20100412_075116_000000442088_00293_42431_3920.N1	12-APR-2010 07:51:16	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42431	No
97	GOM_NL__2PRFIN20100412_075343_000000462088_00293_42431_3921.N1	12-APR-2010 07:53:43	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42431	No
98	GOM_NL__2PRFIN20100412_075835_000000432088_00293_42431_3922.N1	12-APR-2010 07:58:35	Tw_i_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	42431	No
99	GOM_NL__2PRFIN20100412_080103_000000402088_00293_42431_3923.N1	12-APR-2010 08:01:03	Bright	40.000	163	7Del Crv	2.9450	11000.	80	42431	No
100	GOM_NL__2PRFIN20100412_080221_000000502088_00293_42431_3924.N1	12-APR-2010 08:02:21	Bright	49.500	15	67Alp Vir	0.97600	28000.	99	42431	No
101	GOM_NL__2PRFIN20100412_080525_000000392088_00293_42431_3925.N1	12-APR-2010 08:05:25	Bright	39.000	121	29Gam Vir	2.7400	7200.0	78	42431	No

102	GOM_NL__2PRFIN20100412_080922_000000592088_00293_42431_3926.N1	12-APR-2010 08:09:22	Bright	59.000	138	47Eps Vir	2.8280	4700.0	118	42431	No
103	GOM_NL__2PRFIN20100412_081736_000000392088_00293_42431_3927.N1	12-APR-2010 08:17:36	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42431	No
104	GOM_NL__2PRFIN20100412_082114_000000392088_00293_42431_3928.N1	12-APR-2010 08:21:14	Bright	39.000	87	64Gam UMa	2.4330	11000.	78	42431	No
105	GOM_NL__2PRFIN20100412_082233_000000392088_00293_42431_3929.N1	12-APR-2010 08:22:33	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42431	No
106	GOM_NL__2PRFIN20100412_082859_000000402088_00293_42431_3930.N1	12-APR-2010 08:28:59	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42431	No
107	GOM_NL__2PRFIN20100412_083046_000000372088_00293_42431_3931.N1	12-APR-2010 08:30:46	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	42431	No
108	GOM_NL__2PRFIN20100412_083858_000000402088_00293_42431_3932.N1	12-APR-2010 08:38:58	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42431	No
109	GOM_NL__2PRFIN20100412_084413_000000502088_00293_42431_3933.N1	12-APR-2010 08:44:13	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	42431	No
110	GOM_NL__2PRFIN20100412_084822_000000592088_00293_42431_3934.N1	12-APR-2010 08:48:22	Bright	59.000	92	53Eps Cyg	2.5000	4500.0	118	42431	No
111	GOM_NL__2PRFIN20100412_085530_000000502088_00293_42431_3935.N1	12-APR-2010 08:55:30	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42431	No
112	GOM_NL__2PRFIN20100412_085758_000000442088_00293_42431_3936.N1	12-APR-2010 08:57:58	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42431	No
113	GOM_NL__2PRFIN20100412_090027_000000482088_00293_42431_3937.N1	12-APR-2010 09:00:27	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42431	No
114	GOM_NL__2PRFIN20100412_090253_000000452088_00293_42431_3938.N1	12-APR-2010 09:02:53	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42431	No
115	GOM_NL__2PRFIN20100412_092242_000000532088_00294_42432_3922.N1	12-APR-2010 09:22:42	Dark	52.500	40	The Sco	1.8590	7100.0	105	42432	No
116	GOM_NL__2PRFIN20100412_093016_000000432088_00294_42432_3923.N1	12-APR-2010 09:30:16	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42432	No
117	GOM_NL__2PRFIN20100412_093152_000000452088_00294_42432_3924.N1	12-APR-2010 09:31:52	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42432	No
118	GOM_NL__2PRFIN20100412_093419_000000482088_00294_42432_3925.N1	12-APR-2010 09:34:19	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42432	No
119	GOM_NL__2PRFIN20100412_093912_000000462088_00294_42432_3926.N1	12-APR-2010 09:39:12	Tw_and_stray	45.500	169	46Gam Hya	2.9910	4700.0	91	42432	No
120	GOM_NL__2PRFIN20100412_094139_000000392088_00294_42432_3927.N1	12-APR-2010 09:41:39	Bright	38.500	163	7Del Crv	2.9450	11000.	77	42432	No
121	GOM_NL__2PRFIN20100412_094257_000000472088_00294_42432_3928.N1	12-APR-2010 09:42:57	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42432	No
122	GOM_NL__2PRFIN20100412_094602_000000412088_00294_42432_3929.N1	12-APR-2010 09:46:02	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42432	No
123	GOM_NL__2PRFIN20100412_094958_000000422088_00294_42432_3930.N1	12-APR-2010 09:49:58	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	42432	No
124	GOM_NL__2PRFIN20100412_095812_000000392088_00294_42432_3931.N1	12-APR-2010 09:58:12	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42432	No
125	GOM_NL__2PRFIN20100412_100150_000000382088_00294_42432_3932.N1	12-APR-2010 10:01:50	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42432	No
126	GOM_NL__2PRFIN20100412_100308_000000392088_00294_42432_3933.N1	12-APR-2010 10:03:08	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42432	No
127	GOM_NL__2PRFIN20100412_100934_000000402088_00294_42432_3934.N1	12-APR-2010 10:09:34	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42432	No
128	GOM_NL__2PRFIN20100412_101122_000000382088_00294_42432_3935.N1	12-APR-2010 10:11:22	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	42432	No
129	GOM_NL__2PRFIN20100412_101934_000000402088_00294_42432_3936.N1	12-APR-2010 10:19:34	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42432	No
130	GOM_NL__2PRFIN20100412_102449_000000552088_00294_42432_3937.N1	12-APR-2010 10:24:49	Bright	54.500	19	50Alp Cyg	1.2460	10500.	109	42432	No
131	GOM_NL__2PRFIN20100412_102858_000000512088_00294_42432_3938.N1	12-APR-2010 10:28:58	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	42432	No
132	GOM_NL__2PRFIN20100412_103607_000000512088_00294_42432_3939.N1	12-APR-2010 10:36:07	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42432	No
133	GOM_NL__2PRFIN20100412_103835_000000462088_00294_42432_3940.N1	12-APR-2010 10:38:35	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42432	No
134	GOM_NL__2PRFIN20100412_104103_000000482088_00294_42432_3941.N1	12-APR-2010 10:41:03	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42432	No
135	GOM_NL__2PRFIN20100412_104329_000000452088_00294_42432_3942.N1	12-APR-2010 10:43:29	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42432	No
136	GOM_NL__2PRFIN20100412_110319_000000542088_00295_42433_3930.N1	12-APR-2010 11:03:19	Dark	53.500	40	The Sco	1.8590	7100.0	107	42433	No
137	GOM_NL__2PRFIN20100412_111052_000000442088_00295_42433_3931.N1	12-APR-2010 11:10:52	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42433	No
138	GOM_NL__2PRFIN20100412_111229_000000442088_00295_42433_3932.N1	12-APR-2010 11:12:29	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42433	No
139	GOM_NL__2PRFIN20100412_111456_000000522088_00295_42433_3933.N1	12-APR-2010 11:14:56	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42433	No
140	GOM_NL__2PRFIN20100412_111948_000000462088_00295_42433_3934.N1	12-APR-2010 11:19:48	Tw_and_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	42433	No
141	GOM_NL__2PRFIN20100412_112214_000000412088_00295_42433_3935.N1	12-APR-2010 11:22:14	Bright	41.000	163	7Del Crv	2.9450	11000.	82	42433	No
142	GOM_NL__2PRFIN20100412_112333_000000472088_00295_42433_3936.N1	12-APR-2010 11:23:33	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	42433	No
143	GOM_NL__2PRFIN20100412_112637_000000402088_00295_42433_3937.N1	12-APR-2010 11:26:37	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42433	No
144	GOM_NL__2PRFIN20100412_113034_000000412088_00295_42433_3938.N1	12-APR-2010 11:30:34	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42433	No
145	GOM_NL__2PRFIN20100412_113847_000000562088_00295_42433_3939.N1	12-APR-2010 11:38:47	Bright	55.500	152	12Alp2CVn	2.8900	11000.	111	42433	No
146	GOM_NL__2PRFIN20100412_114226_000000362088_00295_42433_3940.N1	12-APR-2010 11:42:26	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42433	No
147	GOM_NL__2PRFIN20100412_114344_000000422088_00295_42433_3941.N1	12-APR-2010 11:43:44	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	42433	No
148	GOM_NL__2PRFIN20100412_115010_000000402088_00295_42433_3942.N1	12-APR-2010 11:50:10	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42433	No
149	GOM_NL__2PRFIN20100412_115157_000000382088_00295_42433_3943.N1	12-APR-2010 11:51:57	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	42433	No
150	GOM_NL__2PRFIN20100412_120009_000000412088_00295_42433_3944.N1	12-APR-2010 12:00:09	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42433	No
151	GOM_NL__2PRFIN20100412_120525_000000552088_00295_42433_3945.N1	12-APR-2010 12:05:25	Bright	55.000	19	50Alp Cyg	1.2460	10500.	110	42433	No
152	GOM_NL__2PRFIN20100412_120934_000000512088_00295_42433_3946.N1	12-APR-2010 12:09:34	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	42433	No
153	GOM_NL__2PRFIN20100412_121643_000000512088_00295_42433_3947.N1	12-APR-2010 12:16:43	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42433	No
154	GOM_NL__2PRFIN20100412_121911_000000462088_00295_42433_3948.N1	12-APR-2010 12:19:11	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42433	No
155	GOM_NL__2PRFIN20100412_122140_000000472088_00295_42433_3949.N1	12-APR-2010 12:21:40	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42433	No
156	GOM_NL__2PRFIN20100412_122406_000000432088_00295_42433_3950.N1	12-APR-2010 12:24:06	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42433	No
157	GOM_NL__2PRFIN20100412_124356_000000632088_00296_42434_3938.N1	12-APR-2010 12:43:56	Dark	62.500	40	The Sco	1.8590	7100.0	125	42434	No
158	GOM_NL__2PRFIN20100412_125129_000000432088_00296_42434_3939.N1	12-APR-2010 12:51:29	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42434	No
159	GOM_NL__2PRFIN20100412_125305_000000422088_00296_42434_3940.N1	12-APR-2010 12:53:05	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	42434	No
160	GOM_NL__2PRFIN20100412_125532_000000472088_00296_42434_3941.N1	12-APR-2010 12:55:32	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42434	No

161	GOM_NL__2PRFIN20100412_130023_000000452088_00296_42434_3942.N1	12-APR-2010 13:00:23	Twilight	45.000	169	46Gam Hya	2.9910	4700.0	90	42434	No
162	GOM_NL__2PRFIN20100412_130250_000000422088_00296_42434_3943.N1	12-APR-2010 13:02:50	Bright	41.500	163	7Del Crv	2.9450	11000.	83	42434	No
163	GOM_NL__2PRFIN20100412_130713_000000412088_00296_42434_3944.N1	12-APR-2010 13:07:13	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42434	No
164	GOM_NL__2PRFIN20100412_131109_000000422088_00296_42434_3945.N1	12-APR-2010 13:11:09	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42434	No
165	GOM_NL__2PRFIN20100412_131923_000000412088_00296_42434_3946.N1	12-APR-2010 13:19:23	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42434	No
166	GOM_NL__2PRFIN20100412_132302_000000372088_00296_42434_3947.N1	12-APR-2010 13:23:02	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42434	No
167	GOM_NL__2PRFIN20100412_132419_000000392088_00296_42434_3948.N1	12-APR-2010 13:24:19	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42434	No
168	GOM_NL__2PRFIN20100412_133045_000000402088_00296_42434_3949.N1	12-APR-2010 13:30:45	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42434	No
169	GOM_NL__2PRFIN20100412_133232_000000402088_00296_42434_3950.N1	12-APR-2010 13:32:32	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	42434	No
170	GOM_NL__2PRFIN20100412_134045_000000562088_00296_42434_3951.N1	12-APR-2010 13:40:45	Bright	56.000	89	5Alp Cep	2.4510	8000.0	112	42434	No
171	GOM_NL__2PRFIN20100412_134601_000000462088_00296_42434_3952.N1	12-APR-2010 13:46:01	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	42434	No
172	GOM_NL__2PRFIN20100412_135719_000000512088_00296_42434_3953.N1	12-APR-2010 13:57:19	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42434	No
173	GOM_NL__2PRFIN20100412_135947_000000442088_00296_42434_3954.N1	12-APR-2010 13:59:47	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42434	No
174	GOM_NL__2PRFIN20100412_140216_000000452088_00296_42434_3955.N1	12-APR-2010 14:02:16	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42434	No
175	GOM_NL__2PRFIN20100412_140442_000000432088_00296_42434_3956.N1	12-APR-2010 14:04:42	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42434	No
176	GOM_NL__2PRFIN20100412_142433_000000522088_00297_42435_3969.N1	12-APR-2010 14:24:33	Dark	51.500	40	The Sco	1.8590	7100.0	103	42435	No
177	GOM_NL__2PRFIN20100412_143205_000000442088_00297_42435_3970.N1	12-APR-2010 14:32:05	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42435	No
178	GOM_NL__2PRFIN20100412_143341_000000432088_00297_42435_3971.N1	12-APR-2010 14:33:41	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42435	No
179	GOM_NL__2PRFIN20100412_143608_000000482088_00297_42435_3972.N1	12-APR-2010 14:36:08	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42435	No
180	GOM_NL__2PRFIN20100412_144100_000000442088_00297_42435_3973.N1	12-APR-2010 14:41:00	Twilight	43.500	169	46Gam Hya	2.9910	4700.0	87	42435	No
181	GOM_NL__2PRFIN20100412_144334_000000362088_00297_42435_3974.N1	12-APR-2010 14:43:34	Bright	35.500	163	7Del Crv	2.9450	11000.	71	42435	No
182	GOM_NL__2PRFIN20100412_144749_000000402088_00297_42435_3975.N1	12-APR-2010 14:47:49	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42435	No
183	GOM_NL__2PRFIN20100412_145145_000000412088_00297_42435_3976.N1	12-APR-2010 14:51:45	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42435	No
184	GOM_NL__2PRFIN20100412_145958_000000392088_00297_42435_3977.N1	12-APR-2010 14:59:58	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42435	No
185	GOM_NL__2PRFIN20100412_150338_000000372088_00297_42435_3978.N1	12-APR-2010 15:03:38	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42435	No
186	GOM_NL__2PRFIN20100412_150455_000000402088_00297_42435_3979.N1	12-APR-2010 15:04:55	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42435	No
187	GOM_NL__2PRFIN20100412_151121_000000352088_00297_42435_3980.N1	12-APR-2010 15:11:21	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	42435	No
188	GOM_NL__2PRFIN20100412_151307_000000402088_00297_42435_3981.N1	12-APR-2010 15:13:07	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	42435	No
189	GOM_NL__2PRFIN20100412_152121_000000402088_00297_42435_3982.N1	12-APR-2010 15:21:21	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42435	No
190	GOM_NL__2PRFIN20100412_152637_000000462088_00297_42435_3983.N1	12-APR-2010 15:26:37	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	42435	No
191	GOM_NL__2PRFIN20100412_153755_000000502088_00297_42435_3984.N1	12-APR-2010 15:37:55	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42435	No
192	GOM_NL__2PRFIN20100412_154024_000000432088_00297_42435_3985.N1	12-APR-2010 15:40:24	Dark	42.500	162	34Alp Aqr	2.9440	5350.0	85	42435	No
193	GOM_NL__2PRFIN20100412_154252_000000462088_00297_42435_3986.N1	12-APR-2010 15:42:52	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42435	No
194	GOM_NL__2PRFIN20100412_154519_000000412088_00297_42435_3987.N1	12-APR-2010 15:45:19	Dark	41.000	142	49Del Cap	2.8500	8900.0	82	42435	No
195	GOM_NL__2PRFIN20100412_160510_000000522088_00298_42436_3977.N1	12-APR-2010 16:05:10	Dark	51.500	40	The Sco	1.8590	7100.0	103	42436	No
196	GOM_NL__2PRFIN20100412_161242_000000432088_00298_42436_3978.N1	12-APR-2010 16:12:42	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42436	No
197	GOM_NL__2PRFIN20100412_161418_000000472088_00298_42436_3979.N1	12-APR-2010 16:14:18	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	42436	No
198	GOM_NL__2PRFIN20100412_161644_000000532088_00298_42436_3980.N1	12-APR-2010 16:16:44	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	42436	No
199	GOM_NL__2PRFIN20100412_162136_000000452088_00298_42436_3981.N1	12-APR-2010 16:21:36	Twilight	45.000	169	46Gam Hya	2.9910	4700.0	90	42436	No
200	GOM_NL__2PRFIN20100412_162521_000000502088_00298_42436_3982.N1	12-APR-2010 16:25:21	Bright	49.500	15	67Alp Vir	0.97600	28000.	99	42436	No
201	GOM_NL__2PRFIN20100412_162825_000000422088_00298_42436_3983.N1	12-APR-2010 16:28:25	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	42436	No
202	GOM_NL__2PRFIN20100412_163221_000000422088_00298_42436_3984.N1	12-APR-2010 16:32:21	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42436	No
203	GOM_NL__2PRFIN20100412_164034_000000392088_00298_42436_3985.N1	12-APR-2010 16:40:34	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42436	No
204	GOM_NL__2PRFIN20100412_164413_000000362088_00298_42436_3986.N1	12-APR-2010 16:44:13	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42436	No
205	GOM_NL__2PRFIN20100412_164531_000000392088_00298_42436_3987.N1	12-APR-2010 16:45:31	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	42436	No
206	GOM_NL__2PRFIN20100412_165157_000000422088_00298_42436_3988.N1	12-APR-2010 16:51:57	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	42436	No
207	GOM_NL__2PRFIN20100412_165342_000000412088_00298_42436_3989.N1	12-APR-2010 16:53:42	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	42436	No
208	GOM_NL__2PRFIN20100412_170157_000000402088_00298_42436_3990.N1	12-APR-2010 17:01:57	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42436	No
209	GOM_NL__2PRFIN20100412_170712_000000482088_00298_42436_3991.N1	12-APR-2010 17:07:12	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	42436	No
210	GOM_NL__2PRFIN20100412_171832_000000502088_00298_42436_3992.N1	12-APR-2010 17:18:32	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42436	No
211	GOM_NL__2PRFIN20100412_172100_000000442088_00298_42436_3993.N1	12-APR-2010 17:21:00	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42436	No
212	GOM_NL__2PRFIN20100412_172329_000000502088_00298_42436_3994.N1	12-APR-2010 17:23:29	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	42436	No
213	GOM_NL__2PRFIN20100412_172555_000000412088_00298_42436_3995.N1	12-APR-2010 17:25:55	Dark	40.500	142	49Del Cap	2.8500	8900.0	81	42436	No
214	GOM_NL__2PRFIN20100412_174547_000000562088_00299_42437_3989.N1	12-APR-2010 17:45:47	Dark	56.000	40	The Sco	1.8590	7100.0	112	42437	No
215	GOM_NL__2PRFIN20100412_175318_000000432088_00299_42437_3990.N1	12-APR-2010 17:53:18	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42437	No
216	GOM_NL__2PRFIN20100412_175454_000000462088_00299_42437_3991.N1	12-APR-2010 17:54:54	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42437	No
217	GOM_NL__2PRFIN20100412_175721_000000512088_00299_42437_3992.N1	12-APR-2010 17:57:21	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	42437	No
218	GOM_NL__2PRFIN20100412_180212_000000462088_00299_42437_3993.N1	12-APR-2010 18:02:12	Twilight	46.000	169	46Gam Hya	2.9910	4700.0	92	42437	No
219	GOM_NL__2PRFIN20100412_180557_000000482088_00299_42437_3994.N1	12-APR-2010 18:05:57	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	42437	No

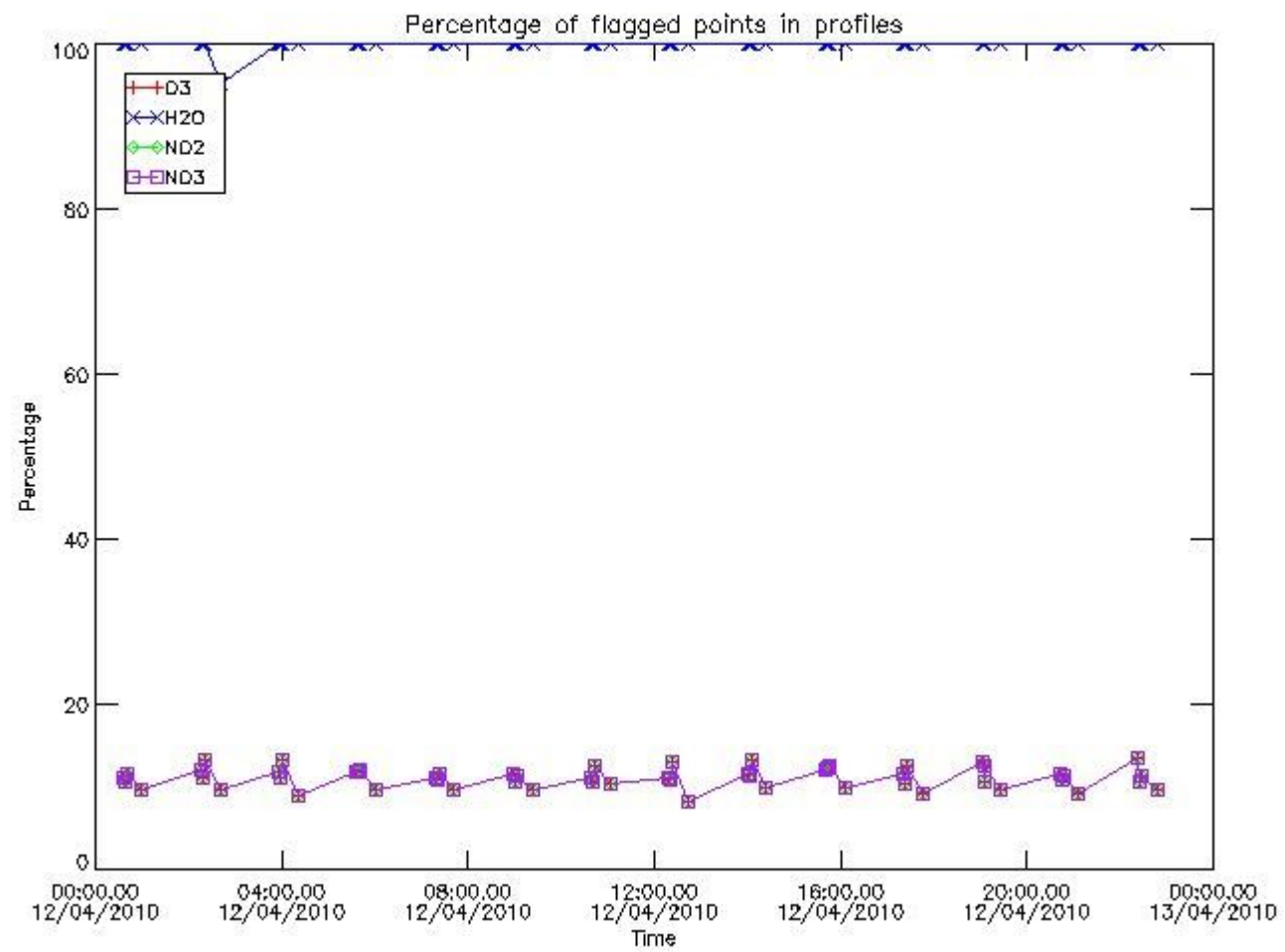
220	GOM_NL__2PRFIN20100412_180901_000000402088_00299_42437_3995.N1	12-APR-2010 18:09:01	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42437	No
221	GOM_NL__2PRFIN20100412_181256_000000422088_00299_42437_3996.N1	12-APR-2010 18:12:56	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42437	No
222	GOM_NL__2PRFIN20100412_182109_000000412088_00299_42437_3997.N1	12-APR-2010 18:21:09	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	42437	No
223	GOM_NL__2PRFIN20100412_182449_000000372088_00299_42437_3998.N1	12-APR-2010 18:24:49	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42437	No
224	GOM_NL__2PRFIN20100412_182606_000000422088_00299_42437_3999.N1	12-APR-2010 18:26:06	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	42437	No
225	GOM_NL__2PRFIN20100412_183233_000000422088_00299_42437_4000.N1	12-APR-2010 18:32:33	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42437	No
226	GOM_NL__2PRFIN20100412_183418_000000412088_00299_42437_4001.N1	12-APR-2010 18:34:18	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	42437	No
227	GOM_NL__2PRFIN20100412_184232_000000402088_00299_42437_4002.N1	12-APR-2010 18:42:32	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42437	No
228	GOM_NL__2PRFIN20100412_184748_000000502088_00299_42437_4003.N1	12-APR-2010 18:47:48	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	42437	No
229	GOM_NL__2PRFIN20100412_185908_000000472088_00299_42437_4004.N1	12-APR-2010 18:59:08	Twilight	47.000	61	8Eps Peg	2.1000	3900.0	94	42437	No
230	GOM_NL__2PRFIN20100412_190136_000000432088_00299_42437_4005.N1	12-APR-2010 19:01:36	Dark	43.000	162	34Alp Aqr	2.9440	5350.0	86	42437	No
231	GOM_NL__2PRFIN20100412_190406_000000482088_00299_42437_4006.N1	12-APR-2010 19:04:06	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42437	No
232	GOM_NL__2PRFIN20100412_190632_000000412088_00299_42437_4007.N1	12-APR-2010 19:06:32	Dark	41.000	142	49Del Cap	2.8500	8900.0	82	42437	No
233	GOM_NL__2PRFIN20100412_192624_000000532088_00300_42438_3998.N1	12-APR-2010 19:26:24	Dark	53.000	40	The Sco	1.8590	7100.0	106	42438	No
234	GOM_NL__2PRFIN20100412_193355_000000422088_00300_42438_3999.N1	12-APR-2010 19:33:55	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42438	No
235	GOM_NL__2PRFIN20100412_193531_000000452088_00300_42438_4000.N1	12-APR-2010 19:35:31	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42438	No
236	GOM_NL__2PRFIN20100412_193757_000000482088_00300_42438_4001.N1	12-APR-2010 19:37:57	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42438	No
237	GOM_NL__2PRFIN20100412_194248_000000462088_00300_42438_4002.N1	12-APR-2010 19:42:48	Tw_and_stray	45.500	169	46Gam Hya	2.9910	4700.0	91	42438	No
238	GOM_NL__2PRFIN20100412_194633_000000492088_00300_42438_4003.N1	12-APR-2010 19:46:33	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42438	No
239	GOM_NL__2PRFIN20100412_194937_000000402088_00300_42438_4004.N1	12-APR-2010 19:49:37	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42438	No
240	GOM_NL__2PRFIN20100412_195332_000000422088_00300_42438_4005.N1	12-APR-2010 19:53:32	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	42438	No
241	GOM_NL__2PRFIN20100412_200145_000000402088_00300_42438_4006.N1	12-APR-2010 20:01:45	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42438	No
242	GOM_NL__2PRFIN20100412_200525_000000372088_00300_42438_4007.N1	12-APR-2010 20:05:25	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42438	No
243	GOM_NL__2PRFIN20100412_200642_000000412088_00300_42438_4008.N1	12-APR-2010 20:06:42	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	42438	No
244	GOM_NL__2PRFIN20100412_201308_000000392088_00300_42438_4009.N1	12-APR-2010 20:13:08	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42438	No
245	GOM_NL__2PRFIN20100412_201453_000000422088_00300_42438_4010.N1	12-APR-2010 20:14:53	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42438	No
246	GOM_NL__2PRFIN20100412_202308_000000512088_00300_42438_4011.N1	12-APR-2010 20:23:08	Bright	51.000	89	5Alp Cep	2.4510	8000.0	102	42438	No
247	GOM_NL__2PRFIN20100412_202824_000000452088_00300_42438_4012.N1	12-APR-2010 20:28:24	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	42438	No
248	GOM_NL__2PRFIN20100412_203945_000000562088_00300_42438_4013.N1	12-APR-2010 20:39:45	Twilight	55.500	61	8Eps Peg	2.1000	3900.0	111	42438	No
249	GOM_NL__2PRFIN20100412_204213_000000442088_00300_42438_4014.N1	12-APR-2010 20:42:13	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42438	No
250	GOM_NL__2PRFIN20100412_204442_000000482088_00300_42438_4015.N1	12-APR-2010 20:44:42	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42438	No
251	GOM_NL__2PRFIN20100412_204708_000000452088_00300_42438_4016.N1	12-APR-2010 20:47:08	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42438	No
252	GOM_NL__2PRFIN20100412_210701_000000552088_00301_42439_4006.N1	12-APR-2010 21:07:01	Dark	55.000	40	The Sco	1.8590	7100.0	110	42439	No
253	GOM_NL__2PRFIN20100412_211431_000000462088_00301_42439_4007.N1	12-APR-2010 21:14:31	Straylight	45.500	78	Alp Lup	2.3040	28000.	91	42439	No
254	GOM_NL__2PRFIN20100412_211607_000000462088_00301_42439_4008.N1	12-APR-2010 21:16:07	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42439	No
255	GOM_NL__2PRFIN20100412_211834_000000482088_00301_42439_4009.N1	12-APR-2010 21:18:34	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42439	No
256	GOM_NL__2PRFIN20100412_212324_000000472088_00301_42439_4010.N1	12-APR-2010 21:23:24	Tw_and_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	42439	No
257	GOM_NL__2PRFIN20100412_212709_000000492088_00301_42439_4011.N1	12-APR-2010 21:27:09	Bright	48.500	15	67Alp Vir	0.97600	28000.	97	42439	No
258	GOM_NL__2PRFIN20100412_213013_000000402088_00301_42439_4012.N1	12-APR-2010 21:30:13	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42439	No
259	GOM_NL__2PRFIN20100412_213408_000000412088_00301_42439_4013.N1	12-APR-2010 21:34:08	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42439	No
260	GOM_NL__2PRFIN20100412_214220_000000402088_00301_42439_4014.N1	12-APR-2010 21:42:20	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42439	No
261	GOM_NL__2PRFIN20100412_214601_000000362088_00301_42439_4015.N1	12-APR-2010 21:46:01	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	42439	No
262	GOM_NL__2PRFIN20100412_214717_000000392088_00301_42439_4016.N1	12-APR-2010 21:47:17	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42439	No
263	GOM_NL__2PRFIN20100412_215344_000000392088_00301_42439_4017.N1	12-APR-2010 21:53:44	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42439	No
264	GOM_NL__2PRFIN20100412_215528_000000422088_00301_42439_4018.N1	12-APR-2010 21:55:28	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42439	No
265	GOM_NL__2PRFIN20100412_220344_000000372088_00301_42439_4019.N1	12-APR-2010 22:03:44	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42439	No
266	GOM_NL__2PRFIN20100412_220900_000000472088_00301_42439_4020.N1	12-APR-2010 22:09:00	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	42439	No
267	GOM_NL__2PRFIN20100412_222021_000000512088_00301_42439_4021.N1	12-APR-2010 22:20:21	Twilight	51.000	61	8Eps Peg	2.1000	3900.0	102	42439	No
268	GOM_NL__2PRFIN20100412_222249_000000462088_00301_42439_4022.N1	12-APR-2010 22:22:49	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42439	No
269	GOM_NL__2PRFIN20100412_222518_000000492088_00301_42439_4023.N1	12-APR-2010 22:25:18	Dark	48.500	154	22Bet Aqr	2.8990	5700.0	97	42439	No
270	GOM_NL__2PRFIN20100412_222744_000000452088_00301_42439_4024.N1	12-APR-2010 22:27:44	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42439	No
271	GOM_NL__2PRFIN20100412_224738_000000532088_00302_42440_4014.N1	12-APR-2010 22:47:38	Dark	52.500	40	The Sco	1.8590	7100.0	105	42440	No
272	GOM_NL__2PRFIN20100412_225507_000000432088_00302_42440_4015.N1	12-APR-2010 22:55:07	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42440	No
273	GOM_NL__2PRFIN20100412_225644_000000442088_00302_42440_4016.N1	12-APR-2010 22:56:44	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42440	No
274	GOM_NL__2PRFIN20100412_225910_000000512088_00302_42440_4017.N1	12-APR-2010 22:59:10	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	42440	No
275	GOM_NL__2PRFIN20100412_230400_000000462088_00302_42440_4018.N1	12-APR-2010 23:04:00	Tw_and_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	42440	No
276	GOM_NL__2PRFIN20100412_230745_000000492088_00302_42440_4019.N1	12-APR-2010 23:07:45	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42440	No
277	GOM_NL__2PRFIN20100412_231049_000000402088_00302_42440_4020.N1	12-APR-2010 23:10:49	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42440	No
278	GOM_NL__2PRFIN20100412_231444_000000412088_00302_42440_4021.N1	12-APR-2010 23:14:44	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42440	No

279	GOM_NL__2PRFIN20100412_232256_000000402088_00302_42440_4022.N1	12-APR-2010 23:22:56	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42440	No
280	GOM_NL__2PRFIN20100412_232637_000000342088_00302_42440_4023.N1	12-APR-2010 23:26:37	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	42440	No
281	GOM_NL__2PRFIN20100412_232753_000000392088_00302_42440_4024.N1	12-APR-2010 23:27:53	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	42440	No
282	GOM_NL__2PRFIN20100412_233419_000000402088_00302_42440_4025.N1	12-APR-2010 23:34:19	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42440	No
283	GOM_NL__2PRFIN20100412_233603_000000432088_00302_42440_4026.N1	12-APR-2010 23:36:03	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42440	No
284	GOM_NL__2PRFIN20100412_234420_000000412088_00302_42440_4027.N1	12-APR-2010 23:44:20	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42440	No
285	GOM_NL__2PRFIN20100412_234935_000000482088_00302_42440_4028.N1	12-APR-2010 23:49:35	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	42440	No

### 3. Quality information per product

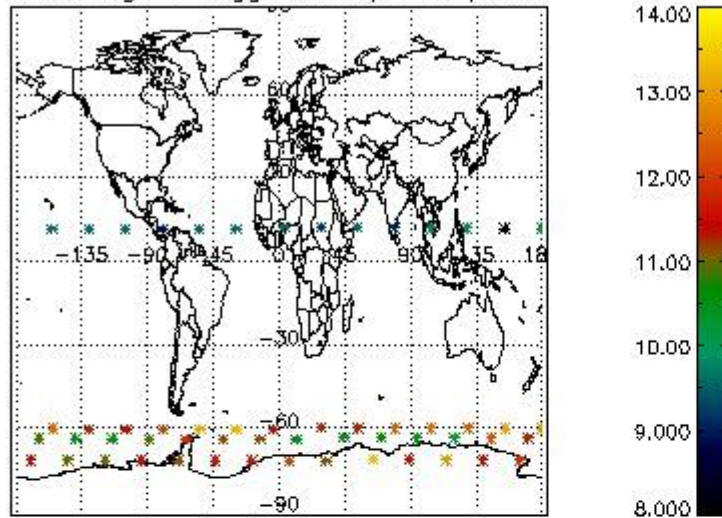
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

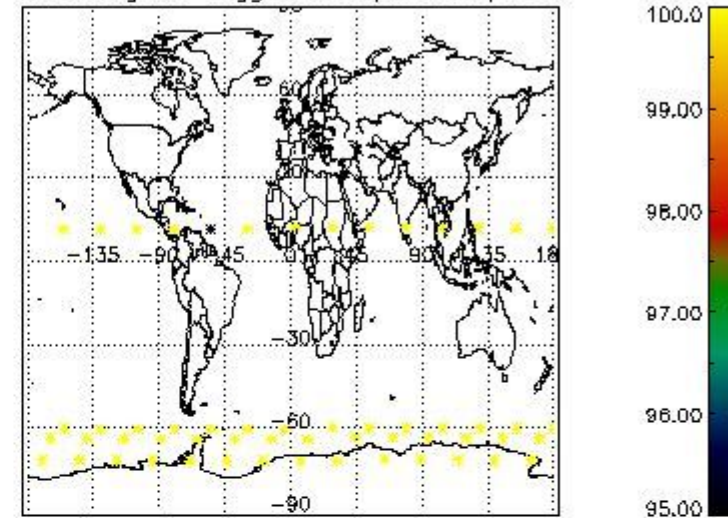


#### 3.2 Plot quality information per product (world map)

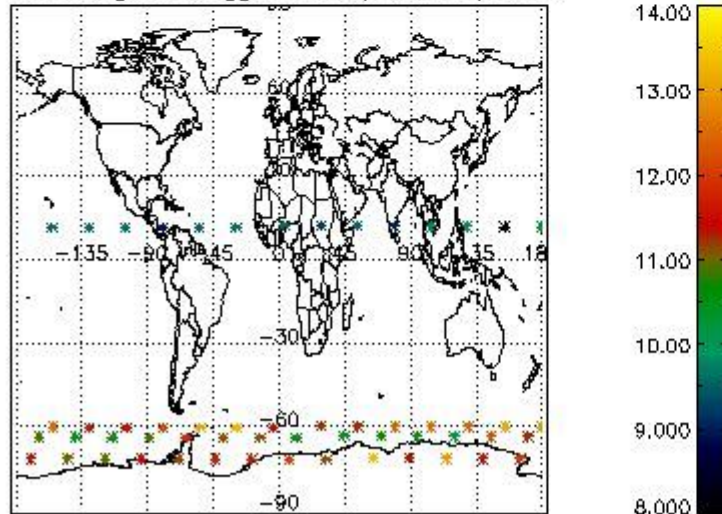
Percentage of flagged data per O3 profile



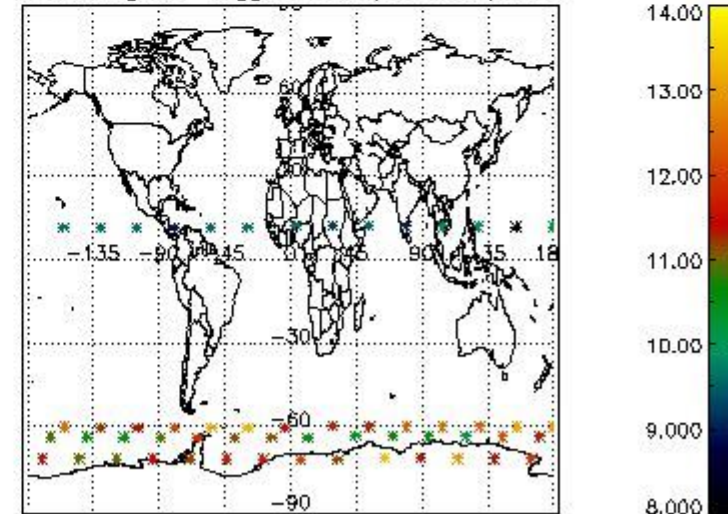
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



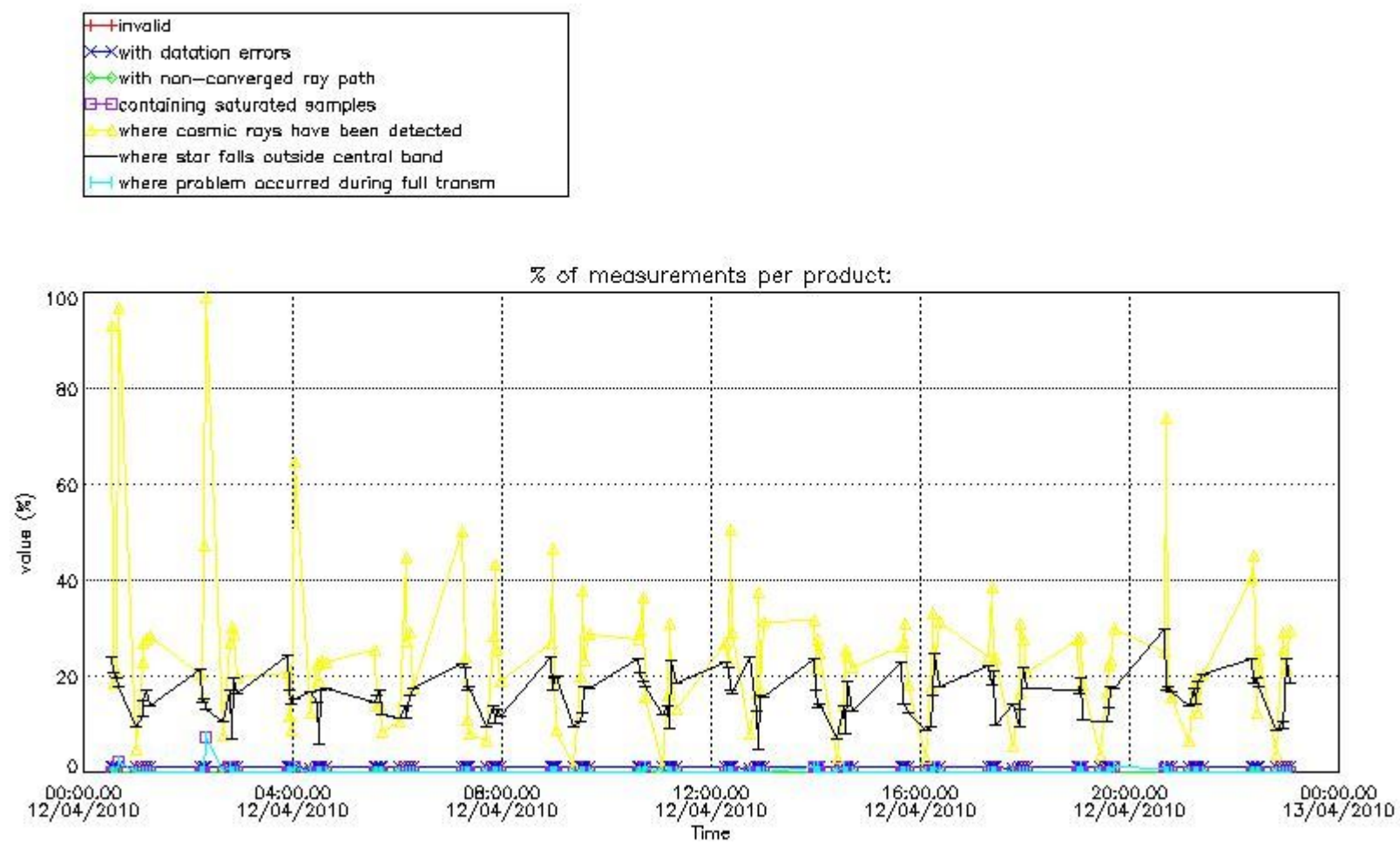
#### 4. Level 1 quality information per product

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

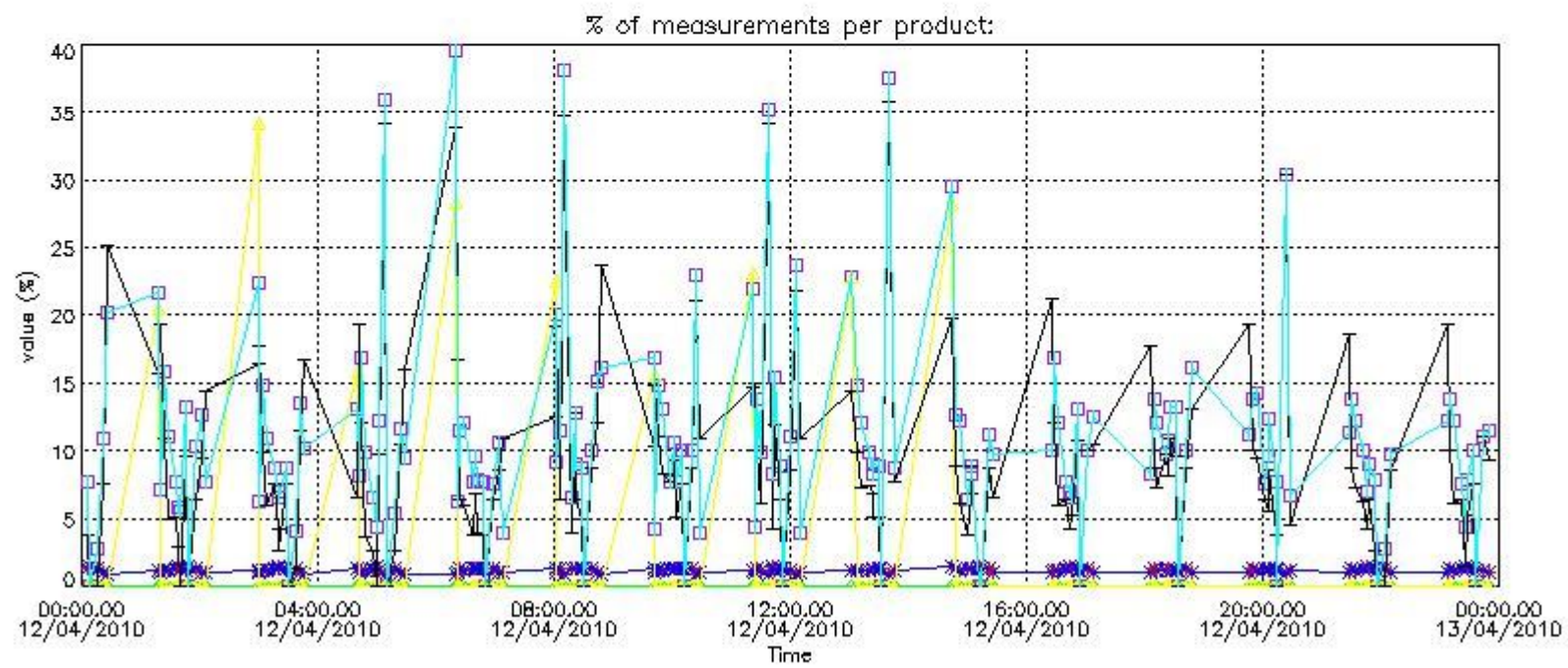
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



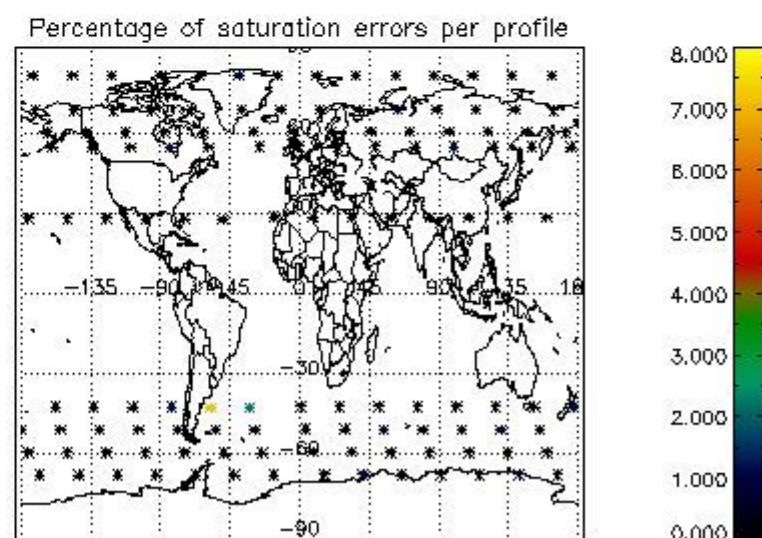
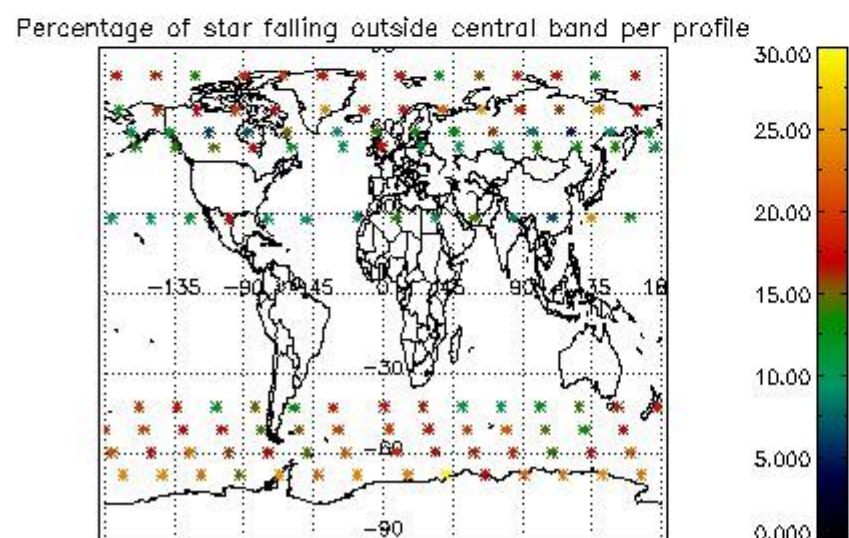
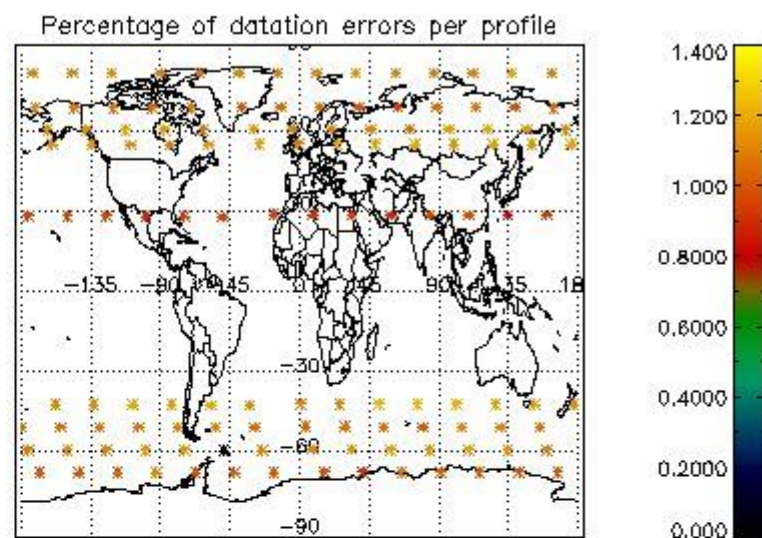
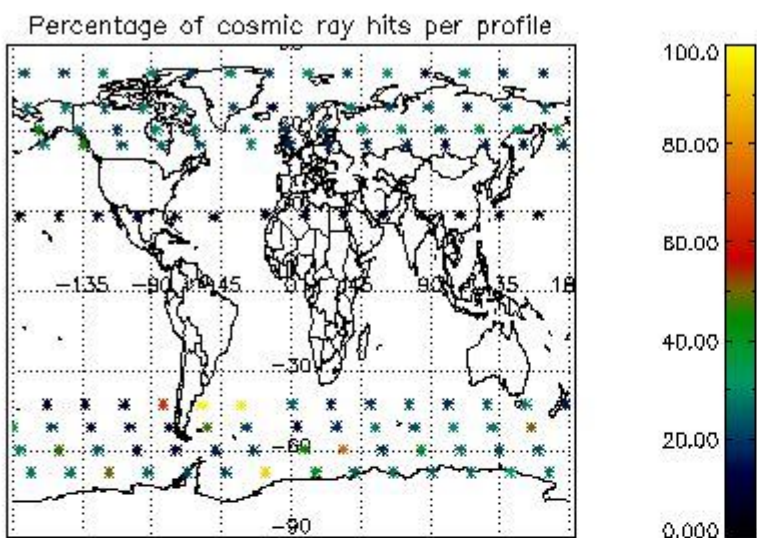


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

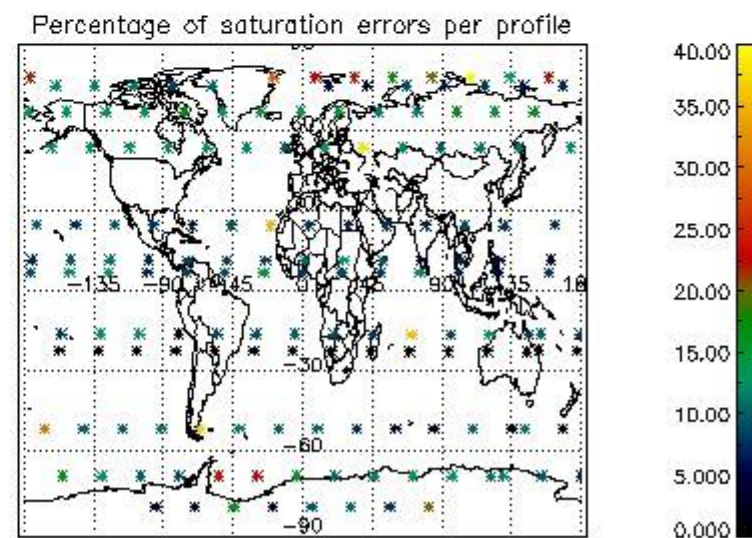
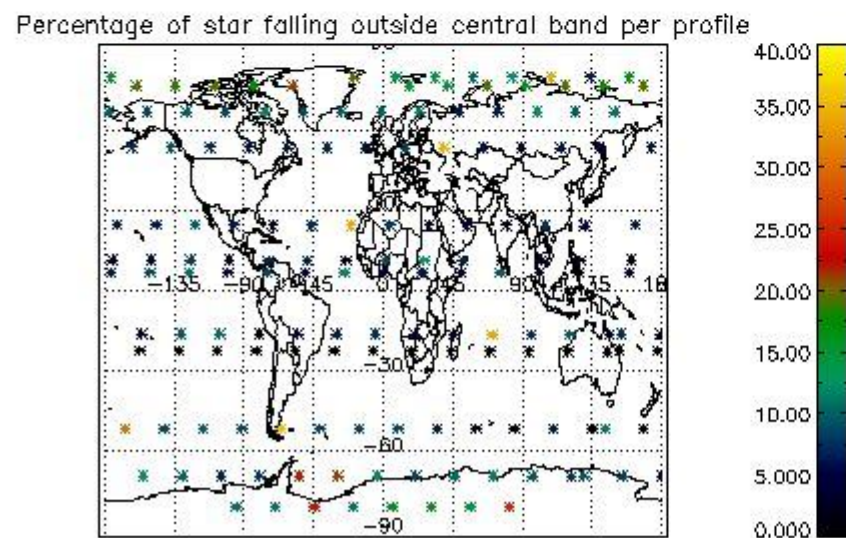
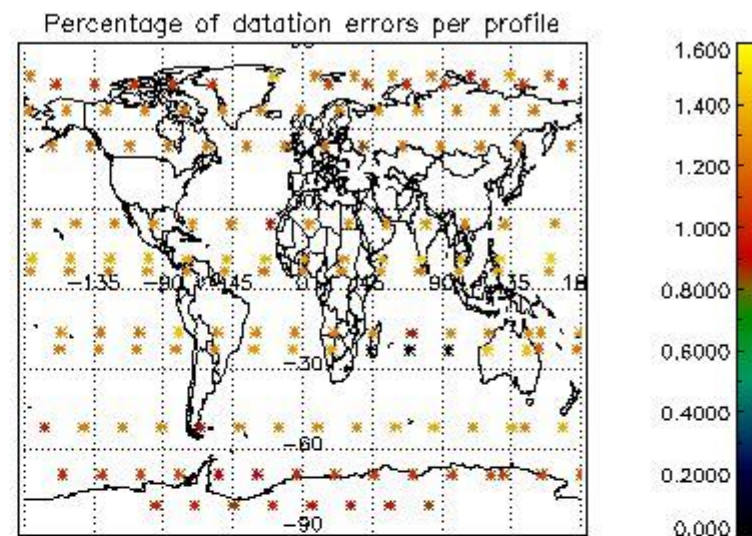
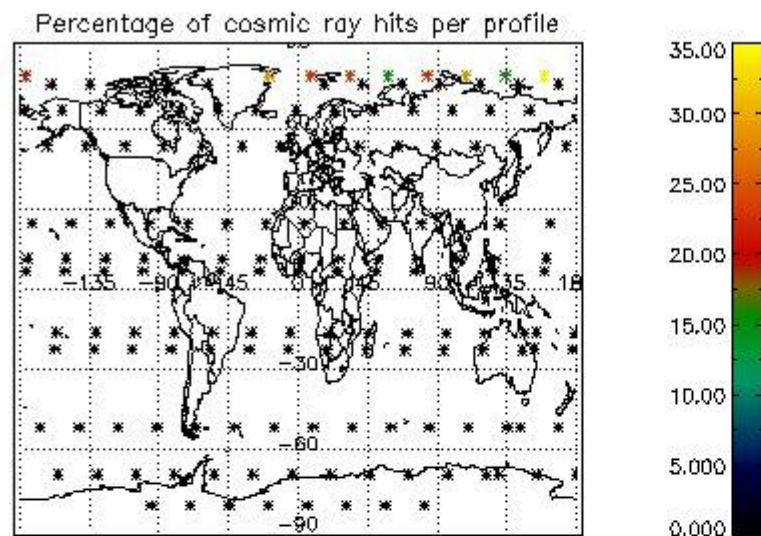


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

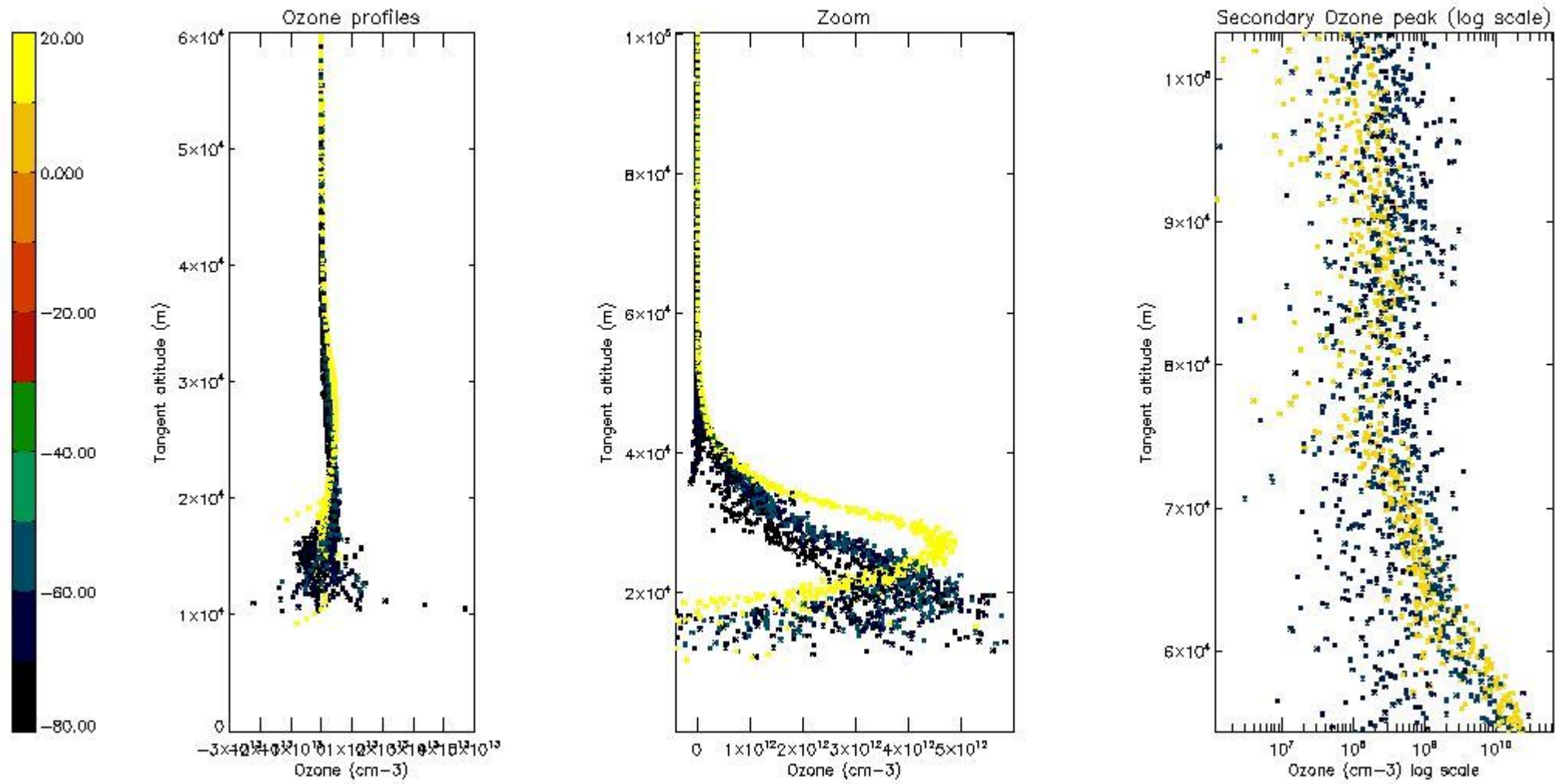
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	6

STD < 10	3
STD < 5	1

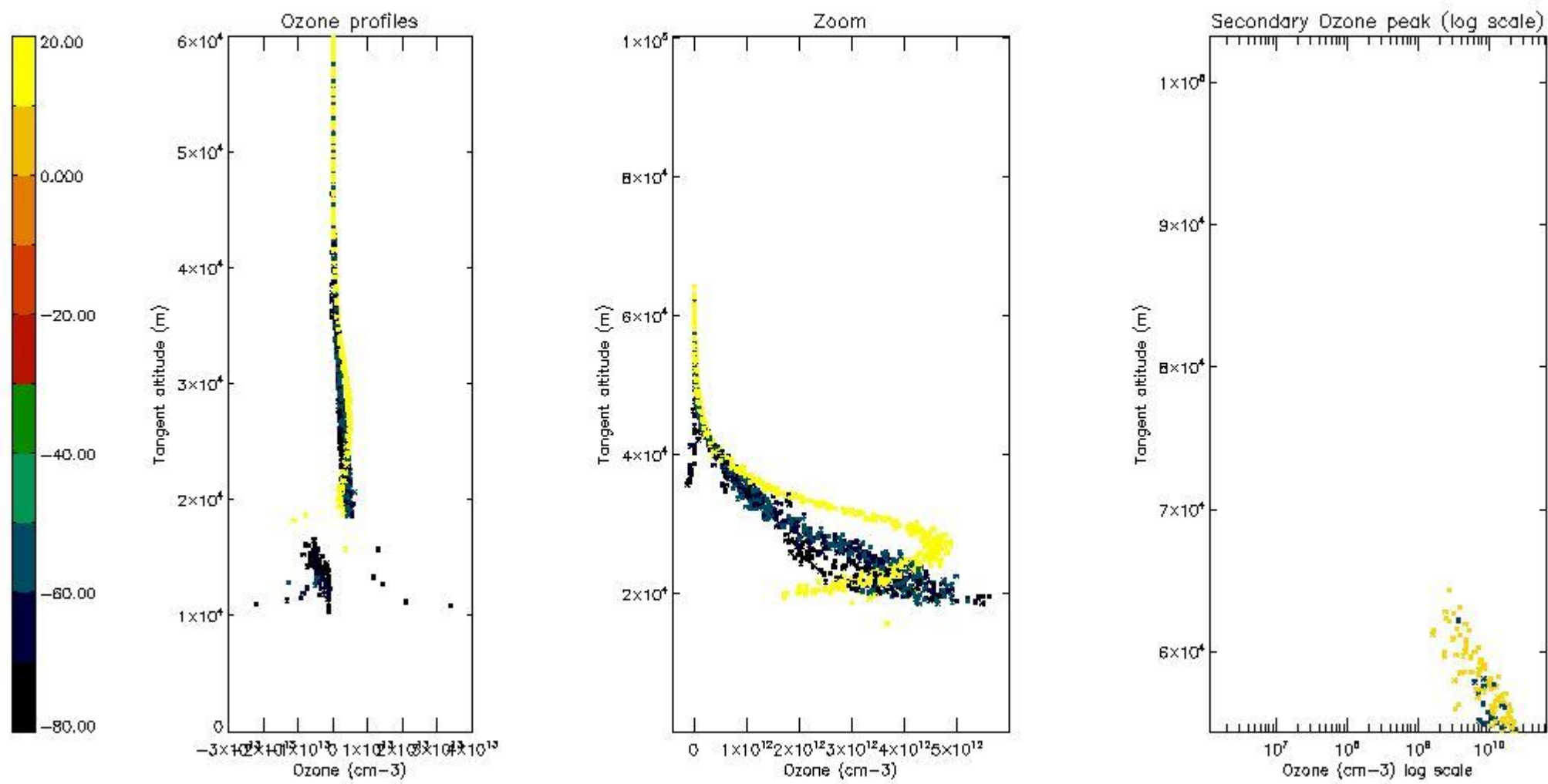
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



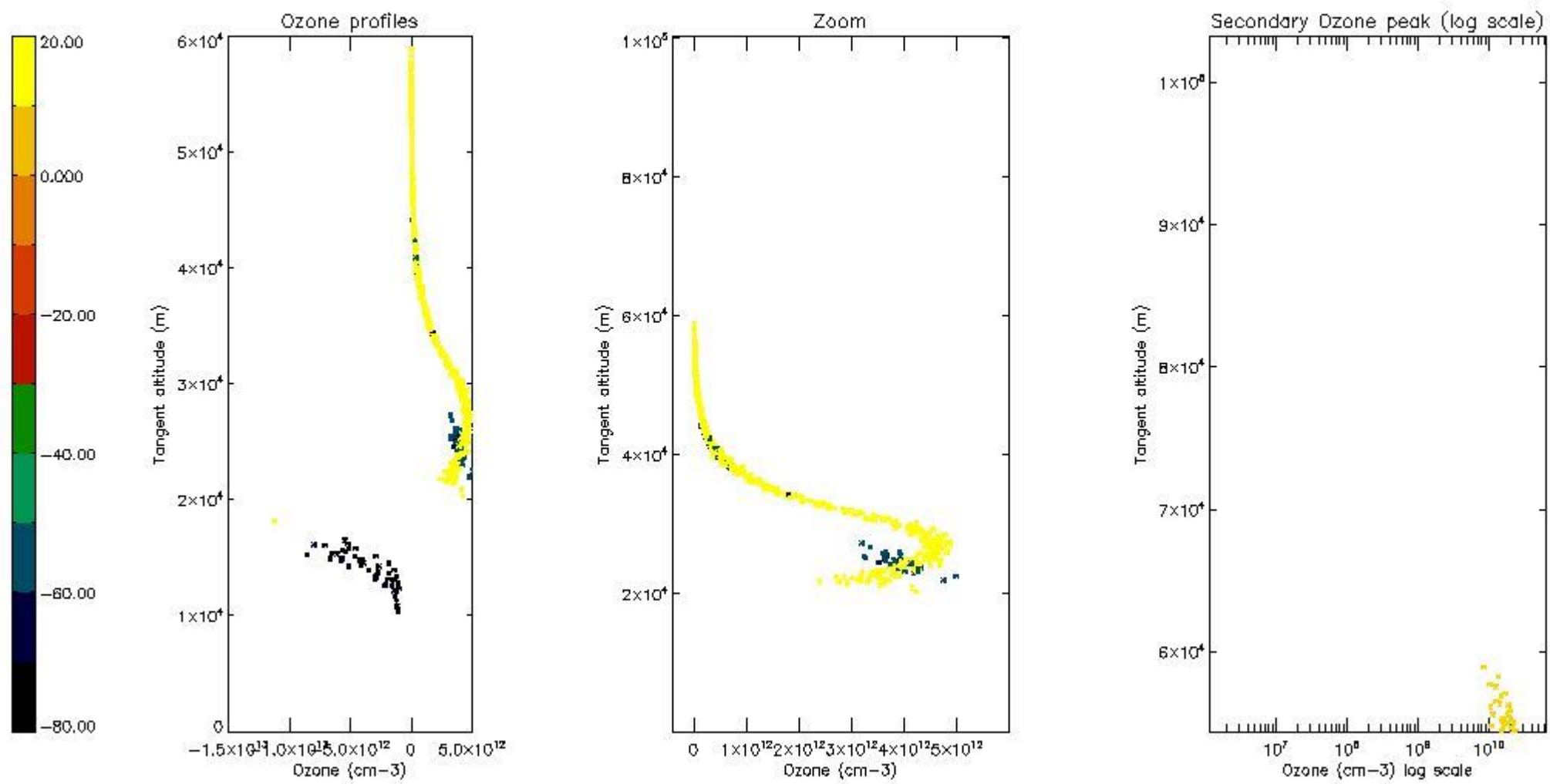
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



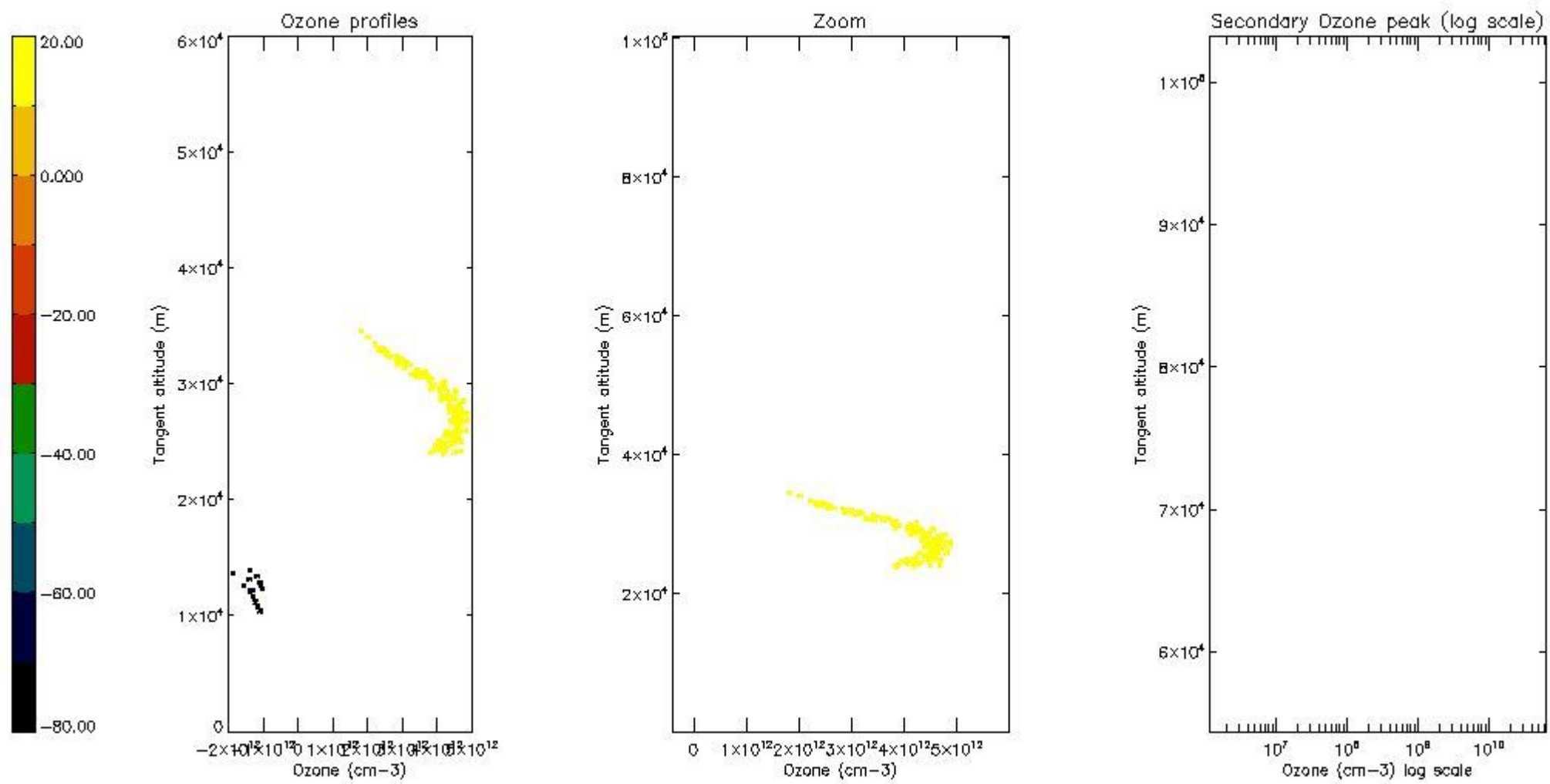
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

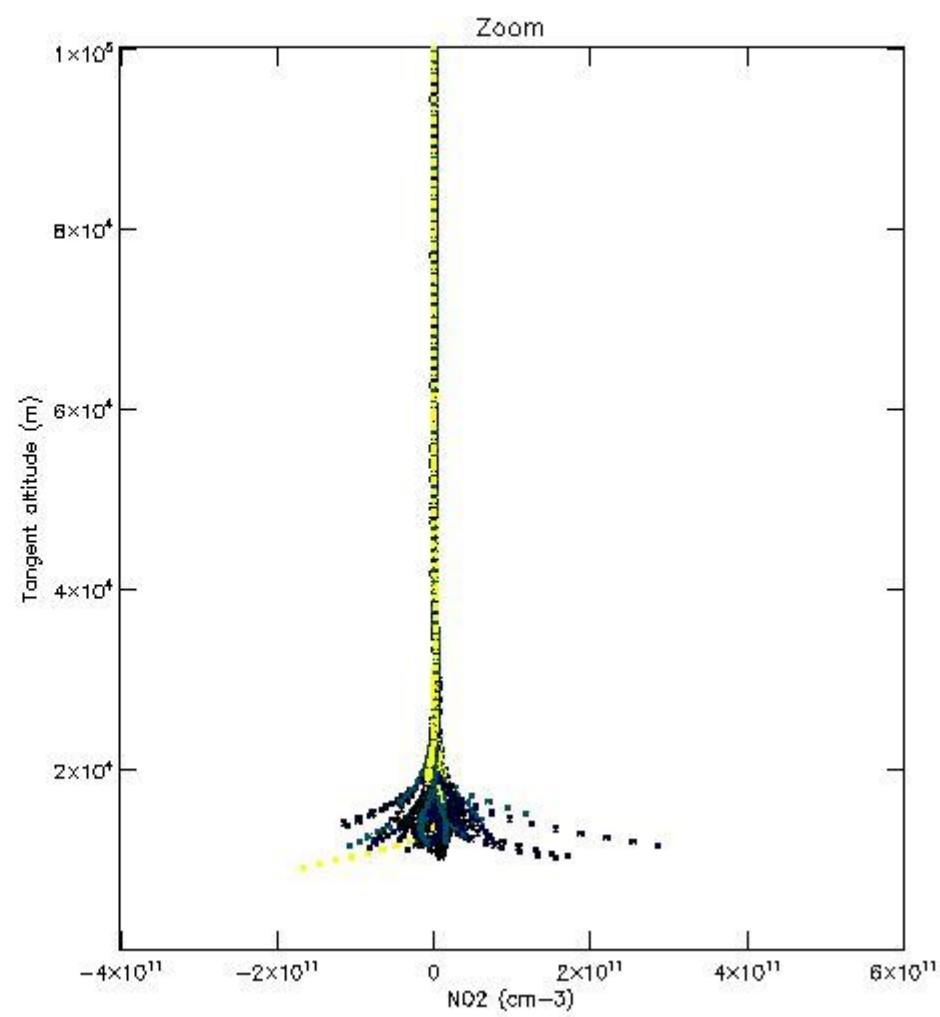
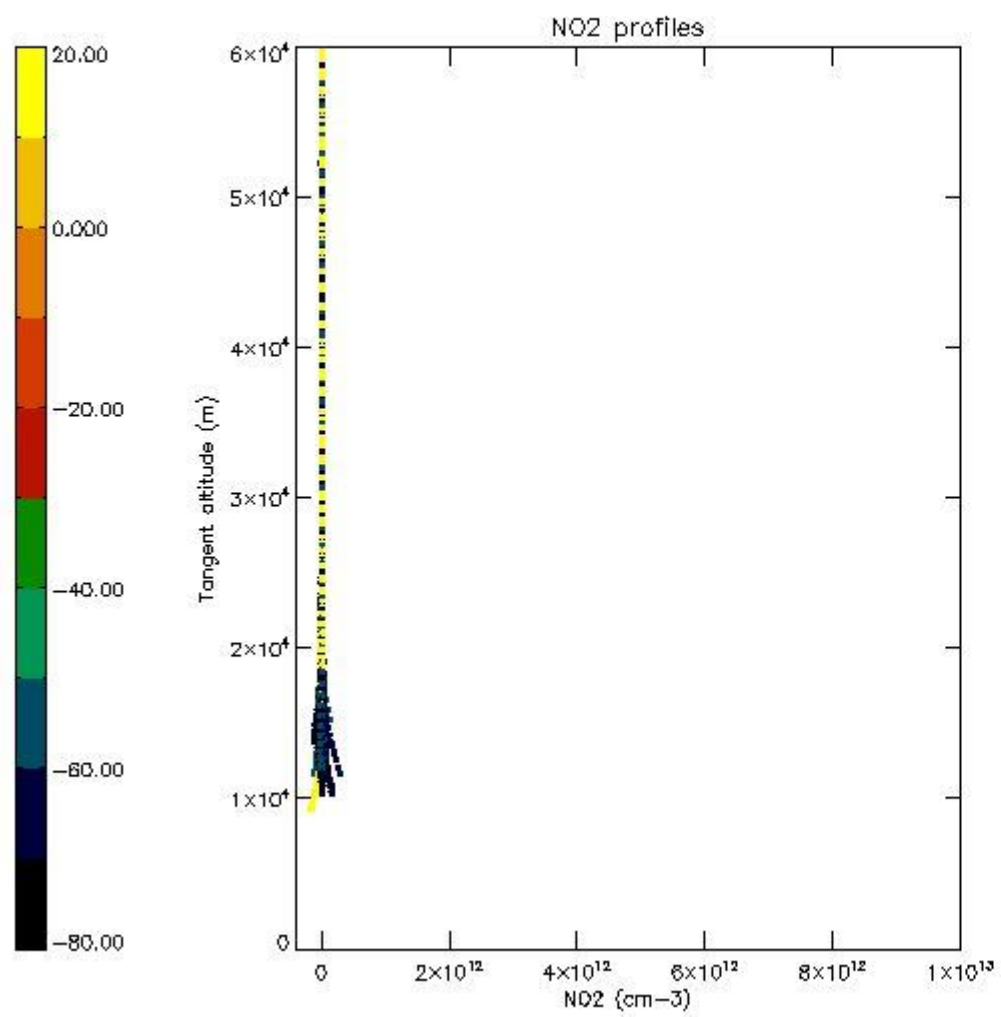
The colorbar represents the latitude.



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

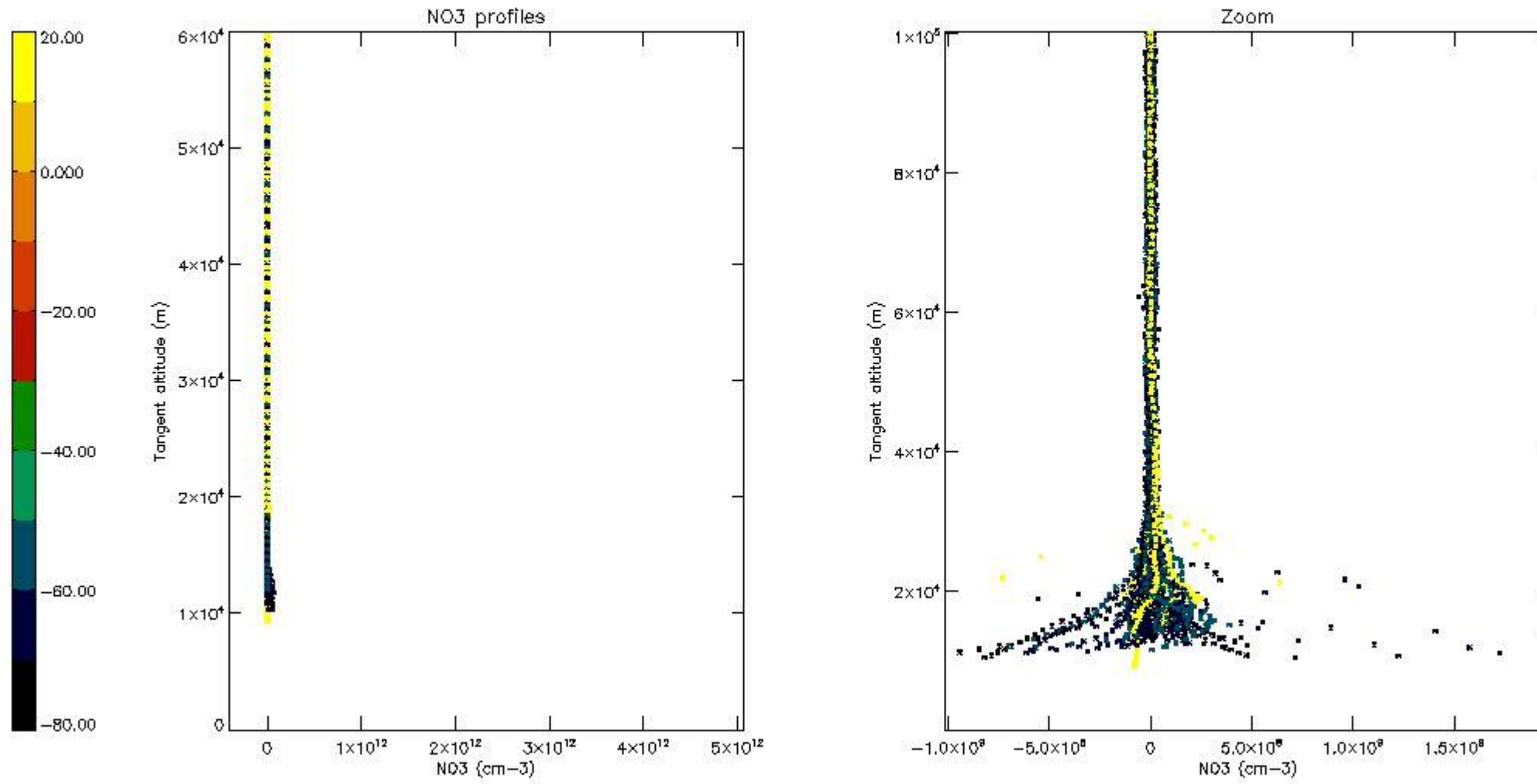
The colorbar represents the latitude.





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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-APR-2010 00:06:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-APR-2010 00:06:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-APR-2010 00:06:01

# GOMOS Level 2 Daily Report

## SUMMARY

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

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#### [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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### [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 09:36:25
Data source version	GOMOS/6.01
Start time of products	12-04-2010 (12APR2010 00:00:00)
Stop time of products	13-04-2010 (13APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	285
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__2PRFIN20100412_000601_000000392088_00288_42426_3869.N1	12-APR-2010 00:06:01	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42426	No
2	GOM_NL__2PRFIN20100412_000750_000000352088_00288_42426_3870.N1	12-APR-2010 00:07:50	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	42426	No
3	GOM_NL__2PRFIN20100412_001559_000000372088_00288_42426_3871.N1	12-APR-2010 00:15:59	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42426	No
4	GOM_NL__2PRFIN20100412_002115_000000462088_00288_42426_3872.N1	12-APR-2010 00:21:15	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	42426	No
5	GOM_NL__2PRFIN20100412_002522_000000602088_00288_42426_3873.N1	12-APR-2010 00:25:22	Bright	59.500	92	53Eps Cyg	2.5000	4500.0	119	42426	No
6	GOM_NL__2PRFIN20100412_003229_000000502088_00288_42426_3874.N1	12-APR-2010 00:32:29	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42426	No
7	GOM_NL__2PRFIN20100412_003457_000000462088_00288_42426_3875.N1	12-APR-2010 00:34:57	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42426	No
8	GOM_NL__2PRFIN20100412_003724_000000482088_00288_42426_3876.N1	12-APR-2010 00:37:24	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42426	No
9	GOM_NL__2PRFIN20100412_003951_000000452088_00288_42426_3877.N1	12-APR-2010 00:39:51	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42426	No
10	GOM_NL__2PRFIN20100412_005937_000000532088_00289_42427_3865.N1	12-APR-2010 00:59:37	Dark	52.500	40	The Sco	1.8590	7100.0	105	42427	No
11	GOM_NL__2PRFIN20100412_010714_000000442088_00289_42427_3866.N1	12-APR-2010 01:07:14	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42427	No
12	GOM_NL__2PRFIN20100412_010850_000000472088_00289_42427_3867.N1	12-APR-2010 01:08:50	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42427	No
13	GOM_NL__2PRFIN20100412_011118_000000472088_00289_42427_3868.N1	12-APR-2010 01:11:18	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42427	No
14	GOM_NL__2PRFIN20100412_011611_000000442088_00289_42427_3869.N1	12-APR-2010 01:16:11	Twilight	44.000	169	46Gam Hya	2.9910	4700.0	88	42427	No
15	GOM_NL__2PRFIN20100412_011838_000000422088_00289_42427_3870.N1	12-APR-2010 01:18:38	Bright	41.500	163	7Del Crv	2.9450	11000.	83	42427	No
16	GOM_NL__2PRFIN20100412_011957_000000492088_00289_42427_3871.N1	12-APR-2010 01:19:57	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42427	No
17	GOM_NL__2PRFIN20100412_012302_000000412088_00289_42427_3872.N1	12-APR-2010 01:23:02	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42427	No
18	GOM_NL__2PRFIN20100412_012700_000000412088_00289_42427_3873.N1	12-APR-2010 01:27:00	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42427	No
19	GOM_NL__2PRFIN20100412_013514_000000392088_00289_42427_3874.N1	12-APR-2010 01:35:14	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42427	No
20	GOM_NL__2PRFIN20100412_013851_000000352088_00289_42427_3875.N1	12-APR-2010 01:38:51	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	42427	No
21	GOM_NL__2PRFIN20100412_014010_000000372088_00289_42427_3876.N1	12-APR-2010 01:40:10	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	42427	No
22	GOM_NL__2PRFIN20100412_014636_000000422088_00289_42427_3877.N1	12-APR-2010 01:46:36	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42427	No
23	GOM_NL__2PRFIN20100412_014825_000000352088_00289_42427_3878.N1	12-APR-2010 01:48:25	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	42427	No
24	GOM_NL__2PRFIN20100412_015635_000000392088_00289_42427_3879.N1	12-APR-2010 01:56:35	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42427	No
25	GOM_NL__2PRFIN20100412_020150_000000482088_00289_42427_3880.N1	12-APR-2010 02:01:50	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42427	No
26	GOM_NL__2PRFIN20100412_020558_000000522088_00289_42427_3881.N1	12-APR-2010 02:05:58	Bright	52.000	92	53Eps Cyg	2.5000	4500.0	104	42427	No
27	GOM_NL__2PRFIN20100412_021305_000000492088_00289_42427_3882.N1	12-APR-2010 02:13:05	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42427	No
28	GOM_NL__2PRFIN20100412_021533_000000422088_00289_42427_3883.N1	12-APR-2010 02:15:33	Dark	41.500	162	34Alp Aqr	2.9440	5350.0	83	42427	No
29	GOM_NL__2PRFIN20100412_021801_000000462088_00289_42427_3884.N1	12-APR-2010 02:18:01	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42427	No
30	GOM_NL__2PRFIN20100412_022027_000000422088_00289_42427_3885.N1	12-APR-2010 02:20:27	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	42427	No
31	GOM_NL__2PRFIN20100412_024014_000000532088_00290_42428_3873.N1	12-APR-2010 02:40:14	Dark	53.000	40	The Sco	1.8590	7100.0	106	42428	No
32	GOM_NL__2PRFIN20100412_024750_000000472088_00290_42428_3874.N1	12-APR-2010 02:47:50	Straylight	46.500	78	Alp Lup	2.3040	28000.	93	42428	No
33	GOM_NL__2PRFIN20100412_024927_000000432088_00290_42428_3875.N1	12-APR-2010 02:49:27	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42428	No
34	GOM_NL__2PRFIN20100412_025154_000000492088_00290_42428_3876.N1	12-APR-2010 02:51:54	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42428	No
35	GOM_NL__2PRFIN20100412_025647_000000462088_00290_42428_3877.N1	12-APR-2010 02:56:47	Twilight	45.500	169	46Gam Hya	2.9910	4700.0	91	42428	No
36	GOM_NL__2PRFIN20100412_025914_000000432088_00290_42428_3878.N1	12-APR-2010 02:59:14	Bright	42.500	163	7Del Crv	2.9450	11000.	85	42428	No
37	GOM_NL__2PRFIN20100412_030033_000000482088_00290_42428_3879.N1	12-APR-2010 03:00:33	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	42428	No
38	GOM_NL__2PRFIN20100412_030338_000000412088_00290_42428_3880.N1	12-APR-2010 03:03:38	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42428	No
39	GOM_NL__2PRFIN20100412_030735_000000422088_00290_42428_3881.N1	12-APR-2010 03:07:35	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42428	No
40	GOM_NL__2PRFIN20100412_031549_000000402088_00290_42428_3882.N1	12-APR-2010 03:15:49	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42428	No
41	GOM_NL__2PRFIN20100412_031927_000000362088_00290_42428_3883.N1	12-APR-2010 03:19:27	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	42428	No
42	GOM_NL__2PRFIN20100412_032046_000000382088_00290_42428_3884.N1	12-APR-2010 03:20:46	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	42428	No

43	GOM_NL__2PRFIN20100412_032712_000000402088_00290_42428_3885.N1	12-APR-2010 03:27:12	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42428	No
44	GOM_NL__2PRFIN20100412_032901_000000362088_00290_42428_3886.N1	12-APR-2010 03:29:01	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	42428	No
45	GOM_NL__2PRFIN20100412_033710_000000372088_00290_42428_3887.N1	12-APR-2010 03:37:10	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42428	No
46	GOM_NL__2PRFIN20100412_034226_000000482088_00290_42428_3888.N1	12-APR-2010 03:42:26	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	42428	No
47	GOM_NL__2PRFIN20100412_034633_000000542088_00290_42428_3889.N1	12-APR-2010 03:46:33	Bright	54.000	92	53Eps Cyg	2.5000	4500.0	108	42428	No
48	GOM_NL__2PRFIN20100412_035341_000000512088_00290_42428_3890.N1	12-APR-2010 03:53:41	Twilight	51.000	61	8Eps Peg	2.1000	3900.0	102	42428	No
49	GOM_NL__2PRFIN20100412_035610_000000442088_00290_42428_3891.N1	12-APR-2010 03:56:10	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	42428	No
50	GOM_NL__2PRFIN20100412_035837_000000462088_00290_42428_3892.N1	12-APR-2010 03:58:37	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42428	No
51	GOM_NL__2PRFIN20100412_040104_000000432088_00290_42428_3893.N1	12-APR-2010 04:01:04	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42428	No
52	GOM_NL__2PRFIN20100412_042051_000000572088_00291_42429_3881.N1	12-APR-2010 04:20:51	Dark	56.500	40	The Sco	1.8590	7100.0	113	42429	No
53	GOM_NL__2PRFIN20100412_042827_000000452088_00291_42429_3882.N1	12-APR-2010 04:28:27	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42429	No
54	GOM_NL__2PRFIN20100412_043003_000000432088_00291_42429_3883.N1	12-APR-2010 04:30:03	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42429	No
55	GOM_NL__2PRFIN20100412_043230_000000472088_00291_42429_3884.N1	12-APR-2010 04:32:30	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42429	No
56	GOM_NL__2PRFIN20100412_043723_000000462088_00291_42429_3885.N1	12-APR-2010 04:37:23	Twilight	45.500	169	46Gam Hya	2.9910	4700.0	91	42429	No
57	GOM_NL__2PRFIN20100412_043950_000000382088_00291_42429_3886.N1	12-APR-2010 04:39:50	Bright	38.000	163	7Del Crv	2.9450	11000.	76	42429	No
58	GOM_NL__2PRFIN20100412_044109_000000492088_00291_42429_3887.N1	12-APR-2010 04:41:09	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42429	No
59	GOM_NL__2PRFIN20100412_044414_000000422088_00291_42429_3888.N1	12-APR-2010 04:44:14	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	42429	No
60	GOM_NL__2PRFIN20100412_044811_000000412088_00291_42429_3889.N1	12-APR-2010 04:48:11	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42429	No
61	GOM_NL__2PRFIN20100412_045625_000000392088_00291_42429_3890.N1	12-APR-2010 04:56:25	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42429	No
62	GOM_NL__2PRFIN20100412_050003_000000342088_00291_42429_3891.N1	12-APR-2010 05:00:03	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	42429	No
63	GOM_NL__2PRFIN20100412_050121_000000412088_00291_42429_3892.N1	12-APR-2010 05:01:21	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	42429	No
64	GOM_NL__2PRFIN20100412_050748_000000572088_00291_42429_3893.N1	12-APR-2010 05:07:48	Bright	57.000	60	7Bet UMi	2.0810	3950.0	114	42429	No
65	GOM_NL__2PRFIN20100412_050936_000000362088_00291_42429_3894.N1	12-APR-2010 05:09:36	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	42429	No
66	GOM_NL__2PRFIN20100412_051746_000000382088_00291_42429_3895.N1	12-APR-2010 05:17:46	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	42429	No
67	GOM_NL__2PRFIN20100412_052302_000000482088_00291_42429_3896.N1	12-APR-2010 05:23:02	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42429	No
68	GOM_NL__2PRFIN20100412_052710_000000532088_00291_42429_3897.N1	12-APR-2010 05:27:10	Bright	53.000	92	53Eps Cyg	2.5000	4500.0	106	42429	No
69	GOM_NL__2PRFIN20100412_053418_000000452088_00291_42429_3898.N1	12-APR-2010 05:34:18	Twilight	45.000	61	8Eps Peg	2.1000	3900.0	90	42429	No
70	GOM_NL__2PRFIN20100412_053646_000000442088_00291_42429_3899.N1	12-APR-2010 05:36:46	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	42429	No
71	GOM_NL__2PRFIN20100412_053914_000000472088_00291_42429_3900.N1	12-APR-2010 05:39:14	Dark	47.000	154	22Bet Aqr	2.8990	5700.0	94	42429	No
72	GOM_NL__2PRFIN20100412_054140_000000422088_00291_42429_3901.N1	12-APR-2010 05:41:40	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	42429	No
73	GOM_NL__2PRFIN20100412_060128_000000532088_00292_42430_3897.N1	12-APR-2010 06:01:28	Dark	52.500	40	The Sco	1.8590	7100.0	105	42430	No
74	GOM_NL__2PRFIN20100412_060903_000000442088_00292_42430_3898.N1	12-APR-2010 06:09:03	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42430	No
75	GOM_NL__2PRFIN20100412_061040_000000442088_00292_42430_3899.N1	12-APR-2010 06:10:40	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42430	No
76	GOM_NL__2PRFIN20100412_061307_000000472088_00292_42430_3900.N1	12-APR-2010 06:13:07	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42430	No
77	GOM_NL__2PRFIN20100412_061759_000000462088_00292_42430_3901.N1	12-APR-2010 06:17:59	Twilight	46.000	169	46Gam Hya	2.9910	4700.0	92	42430	No
78	GOM_NL__2PRFIN20100412_062026_000000532088_00292_42430_3902.N1	12-APR-2010 06:20:26	Bright	53.000	163	7Del Crv	2.9450	11000.	106	42430	No
79	GOM_NL__2PRFIN20100412_062145_000000482088_00292_42430_3903.N1	12-APR-2010 06:21:45	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	42430	No
80	GOM_NL__2PRFIN20100412_062450_000000392088_00292_42430_3904.N1	12-APR-2010 06:24:50	Bright	39.000	121	29Gam Vir	2.7400	7200.0	78	42430	No
81	GOM_NL__2PRFIN20100412_062847_000000422088_00292_42430_3905.N1	12-APR-2010 06:28:47	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42430	No
82	GOM_NL__2PRFIN20100412_063700_000000392088_00292_42430_3906.N1	12-APR-2010 06:37:00	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42430	No
83	GOM_NL__2PRFIN20100412_064039_000000372088_00292_42430_3907.N1	12-APR-2010 06:40:39	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42430	No
84	GOM_NL__2PRFIN20100412_064157_000000382088_00292_42430_3908.N1	12-APR-2010 06:41:57	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	42430	No
85	GOM_NL__2PRFIN20100412_064823_000000392088_00292_42430_3909.N1	12-APR-2010 06:48:23	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42430	No
86	GOM_NL__2PRFIN20100412_065011_000000372088_00292_42430_3910.N1	12-APR-2010 06:50:11	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	42430	No
87	GOM_NL__2PRFIN20100412_065822_000000402088_00292_42430_3911.N1	12-APR-2010 06:58:22	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42430	No
88	GOM_NL__2PRFIN20100412_070337_000000472088_00292_42430_3912.N1	12-APR-2010 07:03:37	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	42430	No
89	GOM_NL__2PRFIN20100412_070746_000000512088_00292_42430_3913.N1	12-APR-2010 07:07:46	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	42430	No
90	GOM_NL__2PRFIN20100412_071454_000000492088_00292_42430_3914.N1	12-APR-2010 07:14:54	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42430	No
91	GOM_NL__2PRFIN20100412_071722_000000462088_00292_42430_3915.N1	12-APR-2010 07:17:22	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42430	No
92	GOM_NL__2PRFIN20100412_071950_000000472088_00292_42430_3916.N1	12-APR-2010 07:19:50	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42430	No
93	GOM_NL__2PRFIN20100412_072217_000000452088_00292_42430_3917.N1	12-APR-2010 07:22:17	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42430	No
94	GOM_NL__2PRFIN20100412_074205_000000532088_00293_42431_3918.N1	12-APR-2010 07:42:05	Dark	52.500	40	The Sco	1.8590	7100.0	105	42431	No
95	GOM_NL__2PRFIN20100412_074940_000000442088_00293_42431_3919.N1	12-APR-2010 07:49:40	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42431	No
96	GOM_NL__2PRFIN20100412_075116_000000442088_00293_42431_3920.N1	12-APR-2010 07:51:16	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42431	No
97	GOM_NL__2PRFIN20100412_075343_000000462088_00293_42431_3921.N1	12-APR-2010 07:53:43	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42431	No
98	GOM_NL__2PRFIN20100412_075835_000000432088_00293_42431_3922.N1	12-APR-2010 07:58:35	Twilight	42.500	169	46Gam Hya	2.9910	4700.0	85	42431	No
99	GOM_NL__2PRFIN20100412_080103_000000402088_00293_42431_3923.N1	12-APR-2010 08:01:03	Bright	40.000	163	7Del Crv	2.9450	11000.	80	42431	No
100	GOM_NL__2PRFIN20100412_080221_000000502088_00293_42431_3924.N1	12-APR-2010 08:02:21	Bright	49.500	15	67Alp Vir	0.97600	28000.	99	42431	No
101	GOM_NL__2PRFIN20100412_080525_000000392088_00293_42431_3925.N1	12-APR-2010 08:05:25	Bright	39.000	121	29Gam Vir	2.7400	7200.0	78	42431	No

102	GOM_NL__2PRFIN20100412_080922_000000592088_00293_42431_3926.N1	12-APR-2010 08:09:22	Bright	59.000	138	47Eps Vir	2.8280	4700.0	118	42431	No
103	GOM_NL__2PRFIN20100412_081736_000000392088_00293_42431_3927.N1	12-APR-2010 08:17:36	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42431	No
104	GOM_NL__2PRFIN20100412_082114_000000392088_00293_42431_3928.N1	12-APR-2010 08:21:14	Bright	39.000	87	64Gam UMa	2.4330	11000.	78	42431	No
105	GOM_NL__2PRFIN20100412_082233_000000392088_00293_42431_3929.N1	12-APR-2010 08:22:33	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42431	No
106	GOM_NL__2PRFIN20100412_082859_000000402088_00293_42431_3930.N1	12-APR-2010 08:28:59	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42431	No
107	GOM_NL__2PRFIN20100412_083046_000000372088_00293_42431_3931.N1	12-APR-2010 08:30:46	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	42431	No
108	GOM_NL__2PRFIN20100412_083858_000000402088_00293_42431_3932.N1	12-APR-2010 08:38:58	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42431	No
109	GOM_NL__2PRFIN20100412_084413_000000502088_00293_42431_3933.N1	12-APR-2010 08:44:13	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	42431	No
110	GOM_NL__2PRFIN20100412_084822_000000592088_00293_42431_3934.N1	12-APR-2010 08:48:22	Bright	59.000	92	53Eps Cyg	2.5000	4500.0	118	42431	No
111	GOM_NL__2PRFIN20100412_085530_000000502088_00293_42431_3935.N1	12-APR-2010 08:55:30	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42431	No
112	GOM_NL__2PRFIN20100412_085758_000000442088_00293_42431_3936.N1	12-APR-2010 08:57:58	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42431	No
113	GOM_NL__2PRFIN20100412_090027_000000482088_00293_42431_3937.N1	12-APR-2010 09:00:27	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42431	No
114	GOM_NL__2PRFIN20100412_090253_000000452088_00293_42431_3938.N1	12-APR-2010 09:02:53	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42431	No
115	GOM_NL__2PRFIN20100412_092242_000000532088_00294_42432_3922.N1	12-APR-2010 09:22:42	Dark	52.500	40	The Sco	1.8590	7100.0	105	42432	No
116	GOM_NL__2PRFIN20100412_093016_000000432088_00294_42432_3923.N1	12-APR-2010 09:30:16	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42432	No
117	GOM_NL__2PRFIN20100412_093152_000000452088_00294_42432_3924.N1	12-APR-2010 09:31:52	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42432	No
118	GOM_NL__2PRFIN20100412_093419_000000482088_00294_42432_3925.N1	12-APR-2010 09:34:19	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42432	No
119	GOM_NL__2PRFIN20100412_093912_000000462088_00294_42432_3926.N1	12-APR-2010 09:39:12	Tw_and_stray	45.500	169	46Gam Hya	2.9910	4700.0	91	42432	No
120	GOM_NL__2PRFIN20100412_094139_000000392088_00294_42432_3927.N1	12-APR-2010 09:41:39	Bright	38.500	163	7Del Crv	2.9450	11000.	77	42432	No
121	GOM_NL__2PRFIN20100412_094257_000000472088_00294_42432_3928.N1	12-APR-2010 09:42:57	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	42432	No
122	GOM_NL__2PRFIN20100412_094602_000000412088_00294_42432_3929.N1	12-APR-2010 09:46:02	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42432	No
123	GOM_NL__2PRFIN20100412_094958_000000422088_00294_42432_3930.N1	12-APR-2010 09:49:58	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	42432	No
124	GOM_NL__2PRFIN20100412_095812_000000392088_00294_42432_3931.N1	12-APR-2010 09:58:12	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42432	No
125	GOM_NL__2PRFIN20100412_100150_000000382088_00294_42432_3932.N1	12-APR-2010 10:01:50	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42432	No
126	GOM_NL__2PRFIN20100412_100308_000000392088_00294_42432_3933.N1	12-APR-2010 10:03:08	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42432	No
127	GOM_NL__2PRFIN20100412_100934_000000402088_00294_42432_3934.N1	12-APR-2010 10:09:34	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42432	No
128	GOM_NL__2PRFIN20100412_101122_000000382088_00294_42432_3935.N1	12-APR-2010 10:11:22	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	42432	No
129	GOM_NL__2PRFIN20100412_101934_000000402088_00294_42432_3936.N1	12-APR-2010 10:19:34	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42432	No
130	GOM_NL__2PRFIN20100412_102449_000000552088_00294_42432_3937.N1	12-APR-2010 10:24:49	Bright	54.500	19	50Alp Cyg	1.2460	10500.	109	42432	No
131	GOM_NL__2PRFIN20100412_102858_000000512088_00294_42432_3938.N1	12-APR-2010 10:28:58	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	42432	No
132	GOM_NL__2PRFIN20100412_103607_000000512088_00294_42432_3939.N1	12-APR-2010 10:36:07	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42432	No
133	GOM_NL__2PRFIN20100412_103835_000000462088_00294_42432_3940.N1	12-APR-2010 10:38:35	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42432	No
134	GOM_NL__2PRFIN20100412_104103_000000482088_00294_42432_3941.N1	12-APR-2010 10:41:03	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42432	No
135	GOM_NL__2PRFIN20100412_104329_000000452088_00294_42432_3942.N1	12-APR-2010 10:43:29	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42432	No
136	GOM_NL__2PRFIN20100412_110319_000000542088_00295_42433_3930.N1	12-APR-2010 11:03:19	Dark	53.500	40	The Sco	1.8590	7100.0	107	42433	No
137	GOM_NL__2PRFIN20100412_111052_000000442088_00295_42433_3931.N1	12-APR-2010 11:10:52	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42433	No
138	GOM_NL__2PRFIN20100412_111229_000000442088_00295_42433_3932.N1	12-APR-2010 11:12:29	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42433	No
139	GOM_NL__2PRFIN20100412_111456_000000522088_00295_42433_3933.N1	12-APR-2010 11:14:56	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42433	No
140	GOM_NL__2PRFIN20100412_111948_000000462088_00295_42433_3934.N1	12-APR-2010 11:19:48	Tw_and_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	42433	No
141	GOM_NL__2PRFIN20100412_112214_000000412088_00295_42433_3935.N1	12-APR-2010 11:22:14	Bright	41.000	163	7Del Crv	2.9450	11000.	82	42433	No
142	GOM_NL__2PRFIN20100412_112333_000000472088_00295_42433_3936.N1	12-APR-2010 11:23:33	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	42433	No
143	GOM_NL__2PRFIN20100412_112637_000000402088_00295_42433_3937.N1	12-APR-2010 11:26:37	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42433	No
144	GOM_NL__2PRFIN20100412_113034_000000412088_00295_42433_3938.N1	12-APR-2010 11:30:34	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	42433	No
145	GOM_NL__2PRFIN20100412_113847_000000562088_00295_42433_3939.N1	12-APR-2010 11:38:47	Bright	55.500	152	12Alp2CVn	2.8900	11000.	111	42433	No
146	GOM_NL__2PRFIN20100412_114226_000000362088_00295_42433_3940.N1	12-APR-2010 11:42:26	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42433	No
147	GOM_NL__2PRFIN20100412_114344_000000422088_00295_42433_3941.N1	12-APR-2010 11:43:44	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	42433	No
148	GOM_NL__2PRFIN20100412_115010_000000402088_00295_42433_3942.N1	12-APR-2010 11:50:10	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42433	No
149	GOM_NL__2PRFIN20100412_115157_000000382088_00295_42433_3943.N1	12-APR-2010 11:51:57	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	42433	No
150	GOM_NL__2PRFIN20100412_120009_000000412088_00295_42433_3944.N1	12-APR-2010 12:00:09	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42433	No
151	GOM_NL__2PRFIN20100412_120525_000000552088_00295_42433_3945.N1	12-APR-2010 12:05:25	Bright	55.000	19	50Alp Cyg	1.2460	10500.	110	42433	No
152	GOM_NL__2PRFIN20100412_120934_000000512088_00295_42433_3946.N1	12-APR-2010 12:09:34	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	42433	No
153	GOM_NL__2PRFIN20100412_121643_000000512088_00295_42433_3947.N1	12-APR-2010 12:16:43	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42433	No
154	GOM_NL__2PRFIN20100412_121911_000000462088_00295_42433_3948.N1	12-APR-2010 12:19:11	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	42433	No
155	GOM_NL__2PRFIN20100412_122140_000000472088_00295_42433_3949.N1	12-APR-2010 12:21:40	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42433	No
156	GOM_NL__2PRFIN20100412_122406_000000432088_00295_42433_3950.N1	12-APR-2010 12:24:06	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42433	No
157	GOM_NL__2PRFIN20100412_124356_000000632088_00296_42434_3938.N1	12-APR-2010 12:43:56	Dark	62.500	40	The Sco	1.8590	7100.0	125	42434	No
158	GOM_NL__2PRFIN20100412_125129_000000432088_00296_42434_3939.N1	12-APR-2010 12:51:29	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42434	No
159	GOM_NL__2PRFIN20100412_125305_000000422088_00296_42434_3940.N1	12-APR-2010 12:53:05	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	42434	No
160	GOM_NL__2PRFIN20100412_125532_000000472088_00296_42434_3941.N1	12-APR-2010 12:55:32	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42434	No

161	GOM_NL__2PRFIN20100412_130023_000000452088_00296_42434_3942.N1	12-APR-2010 13:00:23	Twilight	45.000	169	46Gam Hya	2.9910	4700.0	90	42434	No
162	GOM_NL__2PRFIN20100412_130250_000000422088_00296_42434_3943.N1	12-APR-2010 13:02:50	Bright	41.500	163	7Del Crv	2.9450	11000.	83	42434	No
163	GOM_NL__2PRFIN20100412_130713_000000412088_00296_42434_3944.N1	12-APR-2010 13:07:13	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42434	No
164	GOM_NL__2PRFIN20100412_131109_000000422088_00296_42434_3945.N1	12-APR-2010 13:11:09	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42434	No
165	GOM_NL__2PRFIN20100412_131923_000000412088_00296_42434_3946.N1	12-APR-2010 13:19:23	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42434	No
166	GOM_NL__2PRFIN20100412_132302_000000372088_00296_42434_3947.N1	12-APR-2010 13:23:02	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42434	No
167	GOM_NL__2PRFIN20100412_132419_000000392088_00296_42434_3948.N1	12-APR-2010 13:24:19	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42434	No
168	GOM_NL__2PRFIN20100412_133045_000000402088_00296_42434_3949.N1	12-APR-2010 13:30:45	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42434	No
169	GOM_NL__2PRFIN20100412_133232_000000402088_00296_42434_3950.N1	12-APR-2010 13:32:32	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	42434	No
170	GOM_NL__2PRFIN20100412_134045_000000562088_00296_42434_3951.N1	12-APR-2010 13:40:45	Bright	56.000	89	5Alp Cep	2.4510	8000.0	112	42434	No
171	GOM_NL__2PRFIN20100412_134601_000000462088_00296_42434_3952.N1	12-APR-2010 13:46:01	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	42434	No
172	GOM_NL__2PRFIN20100412_135719_000000512088_00296_42434_3953.N1	12-APR-2010 13:57:19	Twilight	50.500	61	8Eps Peg	2.1000	3900.0	101	42434	No
173	GOM_NL__2PRFIN20100412_135947_000000442088_00296_42434_3954.N1	12-APR-2010 13:59:47	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42434	No
174	GOM_NL__2PRFIN20100412_140216_000000452088_00296_42434_3955.N1	12-APR-2010 14:02:16	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42434	No
175	GOM_NL__2PRFIN20100412_140442_000000432088_00296_42434_3956.N1	12-APR-2010 14:04:42	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42434	No
176	GOM_NL__2PRFIN20100412_142433_000000522088_00297_42435_3969.N1	12-APR-2010 14:24:33	Dark	51.500	40	The Sco	1.8590	7100.0	103	42435	No
177	GOM_NL__2PRFIN20100412_143205_000000442088_00297_42435_3970.N1	12-APR-2010 14:32:05	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42435	No
178	GOM_NL__2PRFIN20100412_143341_000000432088_00297_42435_3971.N1	12-APR-2010 14:33:41	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42435	No
179	GOM_NL__2PRFIN20100412_143608_000000482088_00297_42435_3972.N1	12-APR-2010 14:36:08	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42435	No
180	GOM_NL__2PRFIN20100412_144100_000000442088_00297_42435_3973.N1	12-APR-2010 14:41:00	Twilight	43.500	169	46Gam Hya	2.9910	4700.0	87	42435	No
181	GOM_NL__2PRFIN20100412_144334_000000362088_00297_42435_3974.N1	12-APR-2010 14:43:34	Bright	35.500	163	7Del Crv	2.9450	11000.	71	42435	No
182	GOM_NL__2PRFIN20100412_144749_000000402088_00297_42435_3975.N1	12-APR-2010 14:47:49	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42435	No
183	GOM_NL__2PRFIN20100412_145145_000000412088_00297_42435_3976.N1	12-APR-2010 14:51:45	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42435	No
184	GOM_NL__2PRFIN20100412_145958_000000392088_00297_42435_3977.N1	12-APR-2010 14:59:58	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42435	No
185	GOM_NL__2PRFIN20100412_150338_000000372088_00297_42435_3978.N1	12-APR-2010 15:03:38	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42435	No
186	GOM_NL__2PRFIN20100412_150455_000000402088_00297_42435_3979.N1	12-APR-2010 15:04:55	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42435	No
187	GOM_NL__2PRFIN20100412_151121_000000352088_00297_42435_3980.N1	12-APR-2010 15:11:21	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	42435	No
188	GOM_NL__2PRFIN20100412_151307_000000402088_00297_42435_3981.N1	12-APR-2010 15:13:07	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	42435	No
189	GOM_NL__2PRFIN20100412_152121_000000402088_00297_42435_3982.N1	12-APR-2010 15:21:21	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42435	No
190	GOM_NL__2PRFIN20100412_152637_000000462088_00297_42435_3983.N1	12-APR-2010 15:26:37	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	42435	No
191	GOM_NL__2PRFIN20100412_153755_000000502088_00297_42435_3984.N1	12-APR-2010 15:37:55	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42435	No
192	GOM_NL__2PRFIN20100412_154024_000000432088_00297_42435_3985.N1	12-APR-2010 15:40:24	Dark	42.500	162	34Alp Aqr	2.9440	5350.0	85	42435	No
193	GOM_NL__2PRFIN20100412_154252_000000462088_00297_42435_3986.N1	12-APR-2010 15:42:52	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42435	No
194	GOM_NL__2PRFIN20100412_154519_000000412088_00297_42435_3987.N1	12-APR-2010 15:45:19	Dark	41.000	142	49Del Cap	2.8500	8900.0	82	42435	No
195	GOM_NL__2PRFIN20100412_160510_000000522088_00298_42436_3977.N1	12-APR-2010 16:05:10	Dark	51.500	40	The Sco	1.8590	7100.0	103	42436	No
196	GOM_NL__2PRFIN20100412_161242_000000432088_00298_42436_3978.N1	12-APR-2010 16:12:42	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42436	No
197	GOM_NL__2PRFIN20100412_161418_000000472088_00298_42436_3979.N1	12-APR-2010 16:14:18	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	42436	No
198	GOM_NL__2PRFIN20100412_161644_000000532088_00298_42436_3980.N1	12-APR-2010 16:16:44	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	42436	No
199	GOM_NL__2PRFIN20100412_162136_000000452088_00298_42436_3981.N1	12-APR-2010 16:21:36	Twilight	45.000	169	46Gam Hya	2.9910	4700.0	90	42436	No
200	GOM_NL__2PRFIN20100412_162521_000000502088_00298_42436_3982.N1	12-APR-2010 16:25:21	Bright	49.500	15	67Alp Vir	0.97600	28000.	99	42436	No
201	GOM_NL__2PRFIN20100412_162825_000000422088_00298_42436_3983.N1	12-APR-2010 16:28:25	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	42436	No
202	GOM_NL__2PRFIN20100412_163221_000000422088_00298_42436_3984.N1	12-APR-2010 16:32:21	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42436	No
203	GOM_NL__2PRFIN20100412_164034_000000392088_00298_42436_3985.N1	12-APR-2010 16:40:34	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42436	No
204	GOM_NL__2PRFIN20100412_164413_000000362088_00298_42436_3986.N1	12-APR-2010 16:44:13	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42436	No
205	GOM_NL__2PRFIN20100412_164531_000000392088_00298_42436_3987.N1	12-APR-2010 16:45:31	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	42436	No
206	GOM_NL__2PRFIN20100412_165157_000000422088_00298_42436_3988.N1	12-APR-2010 16:51:57	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	42436	No
207	GOM_NL__2PRFIN20100412_165342_000000412088_00298_42436_3989.N1	12-APR-2010 16:53:42	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	42436	No
208	GOM_NL__2PRFIN20100412_170157_000000402088_00298_42436_3990.N1	12-APR-2010 17:01:57	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42436	No
209	GOM_NL__2PRFIN20100412_170712_000000482088_00298_42436_3991.N1	12-APR-2010 17:07:12	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	42436	No
210	GOM_NL__2PRFIN20100412_171832_000000502088_00298_42436_3992.N1	12-APR-2010 17:18:32	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42436	No
211	GOM_NL__2PRFIN20100412_172100_000000442088_00298_42436_3993.N1	12-APR-2010 17:21:00	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42436	No
212	GOM_NL__2PRFIN20100412_172329_000000502088_00298_42436_3994.N1	12-APR-2010 17:23:29	Dark	49.500	154	22Bet Aqr	2.8990	5700.0	99	42436	No
213	GOM_NL__2PRFIN20100412_172555_000000412088_00298_42436_3995.N1	12-APR-2010 17:25:55	Dark	40.500	142	49Del Cap	2.8500	8900.0	81	42436	No
214	GOM_NL__2PRFIN20100412_174547_000000562088_00299_42437_3989.N1	12-APR-2010 17:45:47	Dark	56.000	40	The Sco	1.8590	7100.0	112	42437	No
215	GOM_NL__2PRFIN20100412_175318_000000432088_00299_42437_3990.N1	12-APR-2010 17:53:18	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42437	No
216	GOM_NL__2PRFIN20100412_175454_000000462088_00299_42437_3991.N1	12-APR-2010 17:54:54	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42437	No
217	GOM_NL__2PRFIN20100412_175721_000000512088_00299_42437_3992.N1	12-APR-2010 17:57:21	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	42437	No
218	GOM_NL__2PRFIN20100412_180212_000000462088_00299_42437_3993.N1	12-APR-2010 18:02:12	Twilight	46.000	169	46Gam Hya	2.9910	4700.0	92	42437	No
219	GOM_NL__2PRFIN20100412_180557_000000482088_00299_42437_3994.N1	12-APR-2010 18:05:57	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	42437	No

220	GOM_NL__2PRFIN20100412_180901_000000402088_00299_42437_3995.N1	12-APR-2010 18:09:01	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42437	No
221	GOM_NL__2PRFIN20100412_181256_000000422088_00299_42437_3996.N1	12-APR-2010 18:12:56	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42437	No
222	GOM_NL__2PRFIN20100412_182109_000000412088_00299_42437_3997.N1	12-APR-2010 18:21:09	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	42437	No
223	GOM_NL__2PRFIN20100412_182449_000000372088_00299_42437_3998.N1	12-APR-2010 18:24:49	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42437	No
224	GOM_NL__2PRFIN20100412_182606_000000422088_00299_42437_3999.N1	12-APR-2010 18:26:06	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	42437	No
225	GOM_NL__2PRFIN20100412_183233_000000422088_00299_42437_4000.N1	12-APR-2010 18:32:33	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42437	No
226	GOM_NL__2PRFIN20100412_183418_000000412088_00299_42437_4001.N1	12-APR-2010 18:34:18	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	42437	No
227	GOM_NL__2PRFIN20100412_184232_000000402088_00299_42437_4002.N1	12-APR-2010 18:42:32	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42437	No
228	GOM_NL__2PRFIN20100412_184748_000000502088_00299_42437_4003.N1	12-APR-2010 18:47:48	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	42437	No
229	GOM_NL__2PRFIN20100412_185908_000000472088_00299_42437_4004.N1	12-APR-2010 18:59:08	Twilight	47.000	61	8Eps Peg	2.1000	3900.0	94	42437	No
230	GOM_NL__2PRFIN20100412_190136_000000432088_00299_42437_4005.N1	12-APR-2010 19:01:36	Dark	43.000	162	34Alp Aqr	2.9440	5350.0	86	42437	No
231	GOM_NL__2PRFIN20100412_190406_000000482088_00299_42437_4006.N1	12-APR-2010 19:04:06	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42437	No
232	GOM_NL__2PRFIN20100412_190632_000000412088_00299_42437_4007.N1	12-APR-2010 19:06:32	Dark	41.000	142	49Del Cap	2.8500	8900.0	82	42437	No
233	GOM_NL__2PRFIN20100412_192624_000000532088_00300_42438_3998.N1	12-APR-2010 19:26:24	Dark	53.000	40	The Sco	1.8590	7100.0	106	42438	No
234	GOM_NL__2PRFIN20100412_193355_000000422088_00300_42438_3999.N1	12-APR-2010 19:33:55	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42438	No
235	GOM_NL__2PRFIN20100412_193531_000000452088_00300_42438_4000.N1	12-APR-2010 19:35:31	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42438	No
236	GOM_NL__2PRFIN20100412_193757_000000482088_00300_42438_4001.N1	12-APR-2010 19:37:57	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42438	No
237	GOM_NL__2PRFIN20100412_194248_000000462088_00300_42438_4002.N1	12-APR-2010 19:42:48	Tw_and_stray	45.500	169	46Gam Hya	2.9910	4700.0	91	42438	No
238	GOM_NL__2PRFIN20100412_194633_000000492088_00300_42438_4003.N1	12-APR-2010 19:46:33	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42438	No
239	GOM_NL__2PRFIN20100412_194937_000000402088_00300_42438_4004.N1	12-APR-2010 19:49:37	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42438	No
240	GOM_NL__2PRFIN20100412_195332_000000422088_00300_42438_4005.N1	12-APR-2010 19:53:32	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	42438	No
241	GOM_NL__2PRFIN20100412_200145_000000402088_00300_42438_4006.N1	12-APR-2010 20:01:45	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42438	No
242	GOM_NL__2PRFIN20100412_200525_000000372088_00300_42438_4007.N1	12-APR-2010 20:05:25	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42438	No
243	GOM_NL__2PRFIN20100412_200642_000000412088_00300_42438_4008.N1	12-APR-2010 20:06:42	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	42438	No
244	GOM_NL__2PRFIN20100412_201308_000000392088_00300_42438_4009.N1	12-APR-2010 20:13:08	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42438	No
245	GOM_NL__2PRFIN20100412_201453_000000422088_00300_42438_4010.N1	12-APR-2010 20:14:53	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42438	No
246	GOM_NL__2PRFIN20100412_202308_000000512088_00300_42438_4011.N1	12-APR-2010 20:23:08	Bright	51.000	89	5Alp Cep	2.4510	8000.0	102	42438	No
247	GOM_NL__2PRFIN20100412_202824_000000452088_00300_42438_4012.N1	12-APR-2010 20:28:24	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	42438	No
248	GOM_NL__2PRFIN20100412_203945_000000562088_00300_42438_4013.N1	12-APR-2010 20:39:45	Twilight	55.500	61	8Eps Peg	2.1000	3900.0	111	42438	No
249	GOM_NL__2PRFIN20100412_204213_000000442088_00300_42438_4014.N1	12-APR-2010 20:42:13	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42438	No
250	GOM_NL__2PRFIN20100412_204442_000000482088_00300_42438_4015.N1	12-APR-2010 20:44:42	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42438	No
251	GOM_NL__2PRFIN20100412_204708_000000452088_00300_42438_4016.N1	12-APR-2010 20:47:08	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42438	No
252	GOM_NL__2PRFIN20100412_210701_000000552088_00301_42439_4006.N1	12-APR-2010 21:07:01	Dark	55.000	40	The Sco	1.8590	7100.0	110	42439	No
253	GOM_NL__2PRFIN20100412_211431_000000462088_00301_42439_4007.N1	12-APR-2010 21:14:31	Straylight	45.500	78	Alp Lup	2.3040	28000.	91	42439	No
254	GOM_NL__2PRFIN20100412_211607_000000462088_00301_42439_4008.N1	12-APR-2010 21:16:07	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42439	No
255	GOM_NL__2PRFIN20100412_211834_000000482088_00301_42439_4009.N1	12-APR-2010 21:18:34	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42439	No
256	GOM_NL__2PRFIN20100412_212324_000000472088_00301_42439_4010.N1	12-APR-2010 21:23:24	Tw_and_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	42439	No
257	GOM_NL__2PRFIN20100412_212709_000000492088_00301_42439_4011.N1	12-APR-2010 21:27:09	Bright	48.500	15	67Alp Vir	0.97600	28000.	97	42439	No
258	GOM_NL__2PRFIN20100412_213013_000000402088_00301_42439_4012.N1	12-APR-2010 21:30:13	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42439	No
259	GOM_NL__2PRFIN20100412_213408_000000412088_00301_42439_4013.N1	12-APR-2010 21:34:08	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42439	No
260	GOM_NL__2PRFIN20100412_214220_000000402088_00301_42439_4014.N1	12-APR-2010 21:42:20	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42439	No
261	GOM_NL__2PRFIN20100412_214601_000000362088_00301_42439_4015.N1	12-APR-2010 21:46:01	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	42439	No
262	GOM_NL__2PRFIN20100412_214717_000000392088_00301_42439_4016.N1	12-APR-2010 21:47:17	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42439	No
263	GOM_NL__2PRFIN20100412_215344_000000392088_00301_42439_4017.N1	12-APR-2010 21:53:44	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42439	No
264	GOM_NL__2PRFIN20100412_215528_000000422088_00301_42439_4018.N1	12-APR-2010 21:55:28	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42439	No
265	GOM_NL__2PRFIN20100412_220344_000000372088_00301_42439_4019.N1	12-APR-2010 22:03:44	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42439	No
266	GOM_NL__2PRFIN20100412_220900_000000472088_00301_42439_4020.N1	12-APR-2010 22:09:00	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	42439	No
267	GOM_NL__2PRFIN20100412_222021_000000512088_00301_42439_4021.N1	12-APR-2010 22:20:21	Twilight	51.000	61	8Eps Peg	2.1000	3900.0	102	42439	No
268	GOM_NL__2PRFIN20100412_222249_000000462088_00301_42439_4022.N1	12-APR-2010 22:22:49	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42439	No
269	GOM_NL__2PRFIN20100412_222518_000000492088_00301_42439_4023.N1	12-APR-2010 22:25:18	Dark	48.500	154	22Bet Aqr	2.8990	5700.0	97	42439	No
270	GOM_NL__2PRFIN20100412_222744_000000452088_00301_42439_4024.N1	12-APR-2010 22:27:44	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42439	No
271	GOM_NL__2PRFIN20100412_224738_000000532088_00302_42440_4014.N1	12-APR-2010 22:47:38	Dark	52.500	40	The Sco	1.8590	7100.0	105	42440	No
272	GOM_NL__2PRFIN20100412_225507_000000432088_00302_42440_4015.N1	12-APR-2010 22:55:07	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42440	No
273	GOM_NL__2PRFIN20100412_225644_000000442088_00302_42440_4016.N1	12-APR-2010 22:56:44	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42440	No
274	GOM_NL__2PRFIN20100412_225910_000000512088_00302_42440_4017.N1	12-APR-2010 22:59:10	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	42440	No
275	GOM_NL__2PRFIN20100412_230400_000000462088_00302_42440_4018.N1	12-APR-2010 23:04:00	Tw_and_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	42440	No
276	GOM_NL__2PRFIN20100412_230745_000000492088_00302_42440_4019.N1	12-APR-2010 23:07:45	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42440	No
277	GOM_NL__2PRFIN20100412_231049_000000402088_00302_42440_4020.N1	12-APR-2010 23:10:49	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42440	No
278	GOM_NL__2PRFIN20100412_231444_000000412088_00302_42440_4021.N1	12-APR-2010 23:14:44	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42440	No

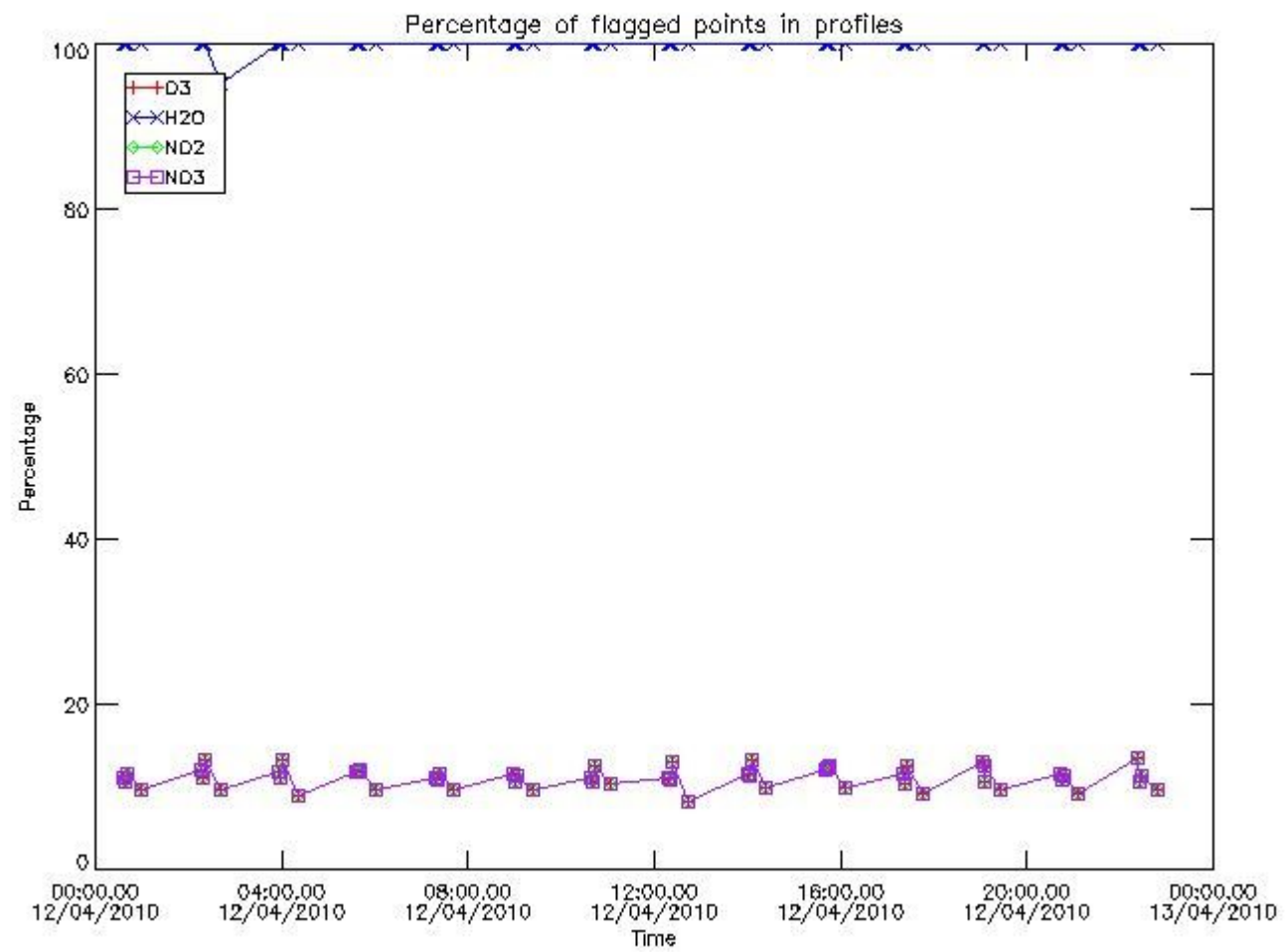


279	GOM_NL__2PRFIN20100412_232256_000000402088_00302_42440_4022.N1	12-APR-2010 23:22:56	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42440	No
280	GOM_NL__2PRFIN20100412_232637_000000342088_00302_42440_4023.N1	12-APR-2010 23:26:37	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	42440	No
281	GOM_NL__2PRFIN20100412_232753_000000392088_00302_42440_4024.N1	12-APR-2010 23:27:53	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	42440	No
282	GOM_NL__2PRFIN20100412_233419_000000402088_00302_42440_4025.N1	12-APR-2010 23:34:19	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42440	No
283	GOM_NL__2PRFIN20100412_233603_000000432088_00302_42440_4026.N1	12-APR-2010 23:36:03	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42440	No
284	GOM_NL__2PRFIN20100412_234420_000000412088_00302_42440_4027.N1	12-APR-2010 23:44:20	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42440	No
285	GOM_NL__2PRFIN20100412_234935_000000482088_00302_42440_4028.N1	12-APR-2010 23:49:35	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	42440	No

### 3. Quality information per product

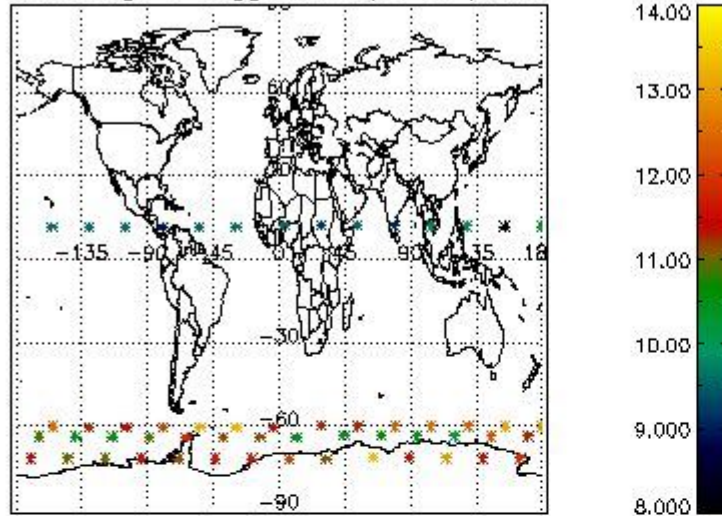
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

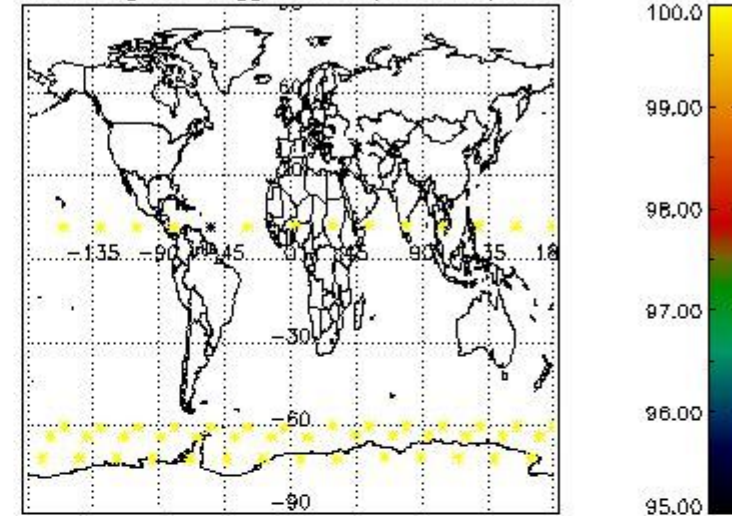


#### 3.2 Plot quality information per product (world map)

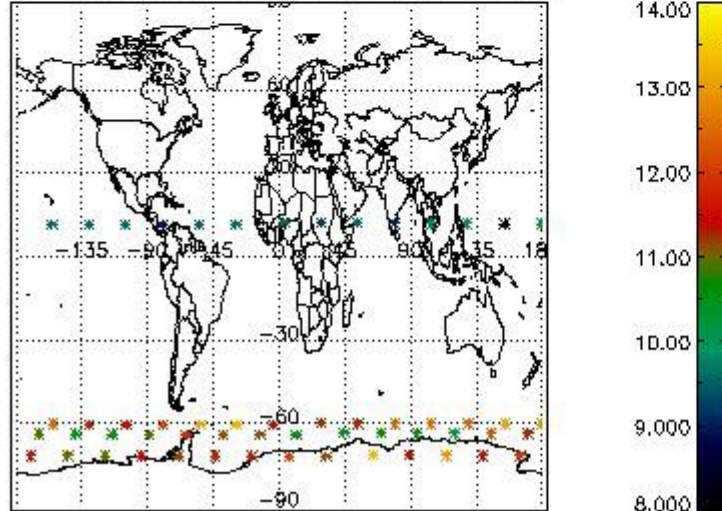
Percentage of flagged data per O3 profile



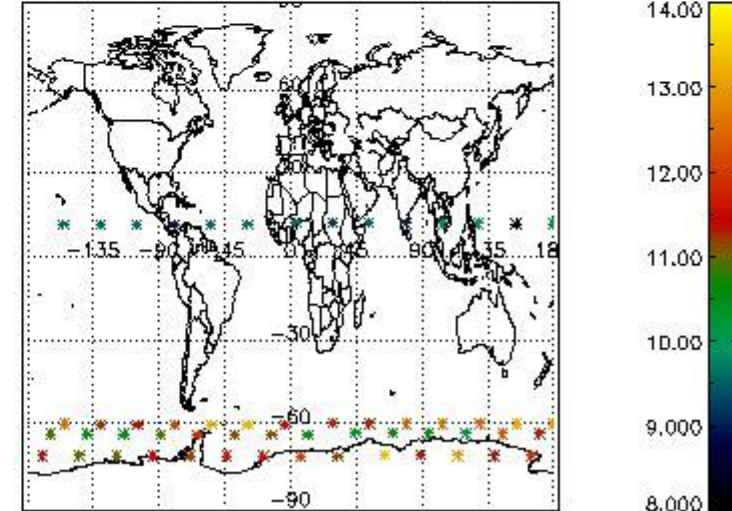
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

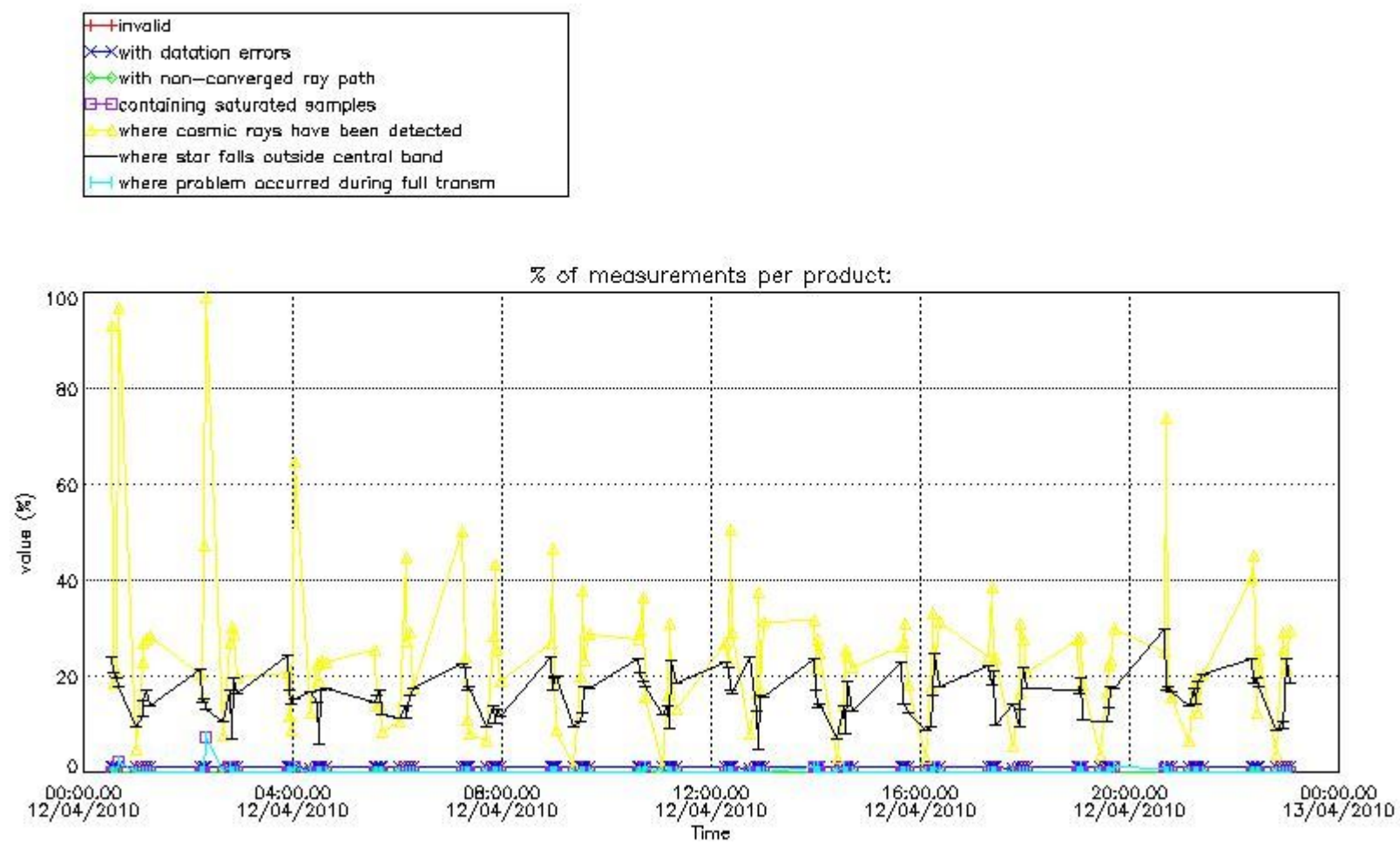


#### 4. Level 1 quality information per product

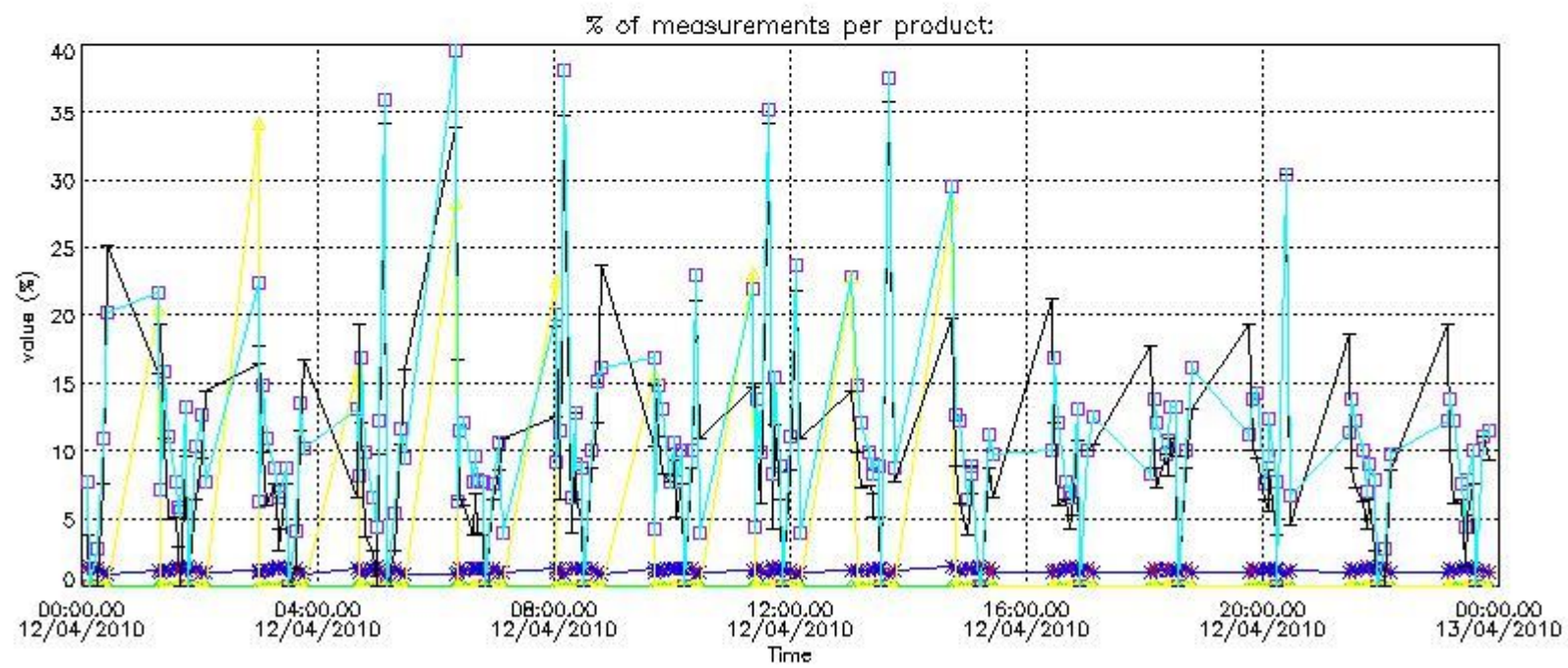
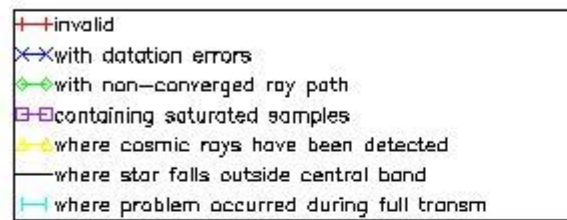
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

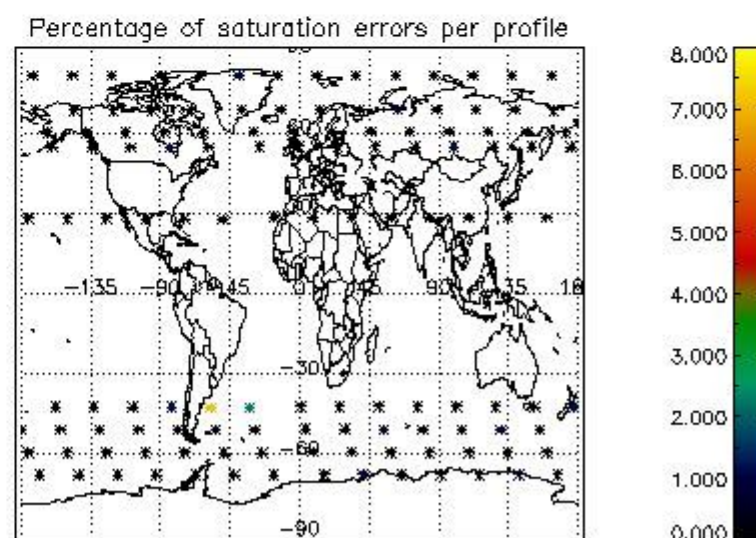
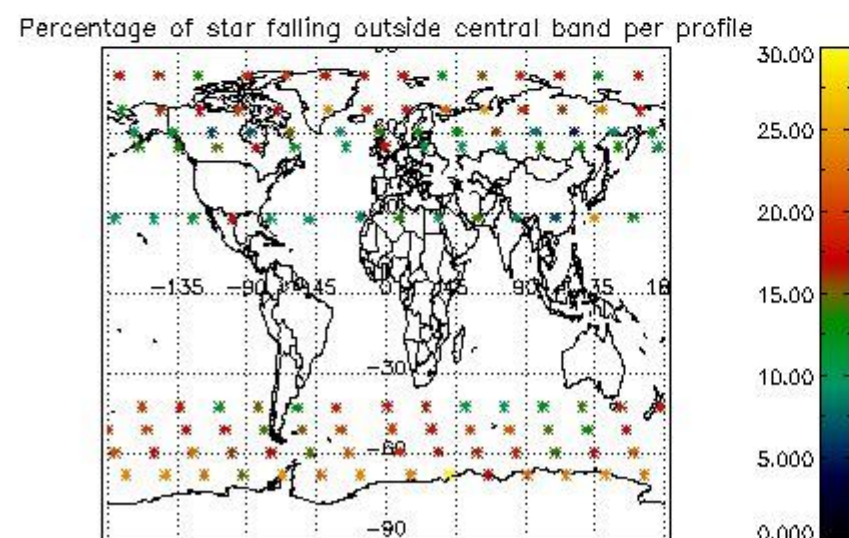
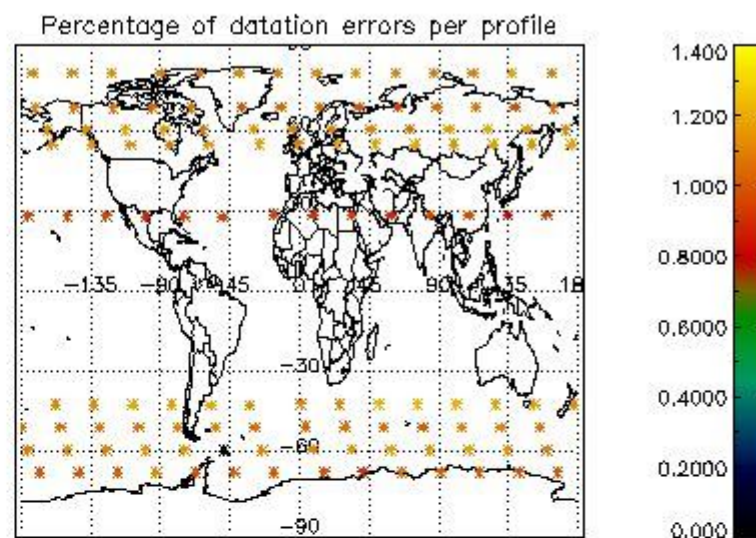
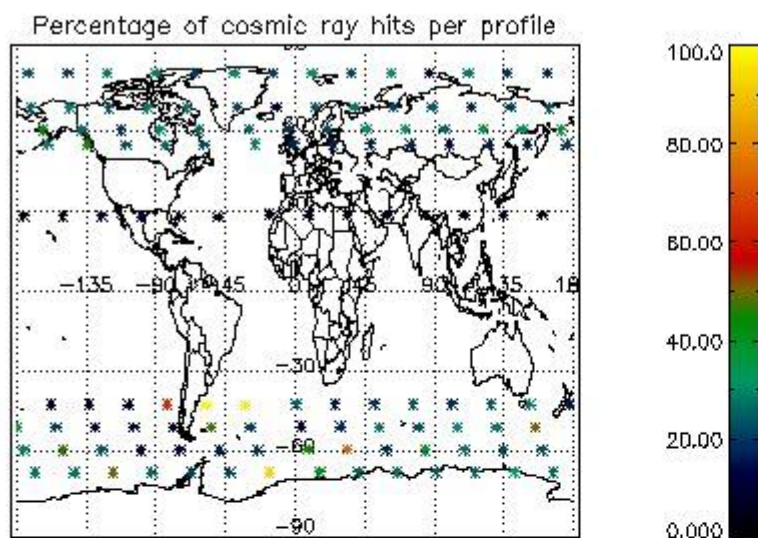


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

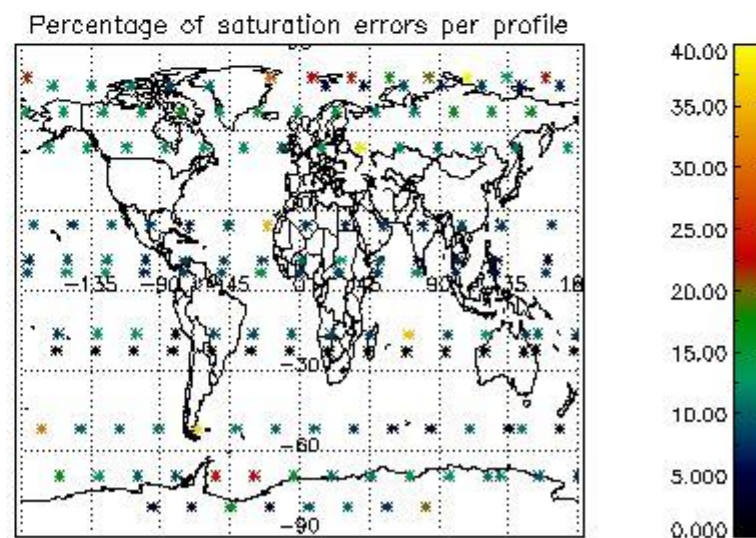
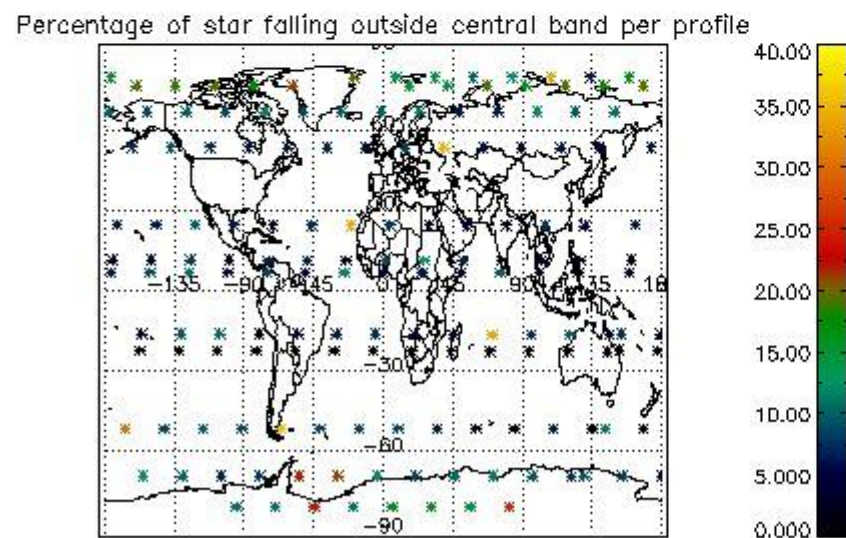
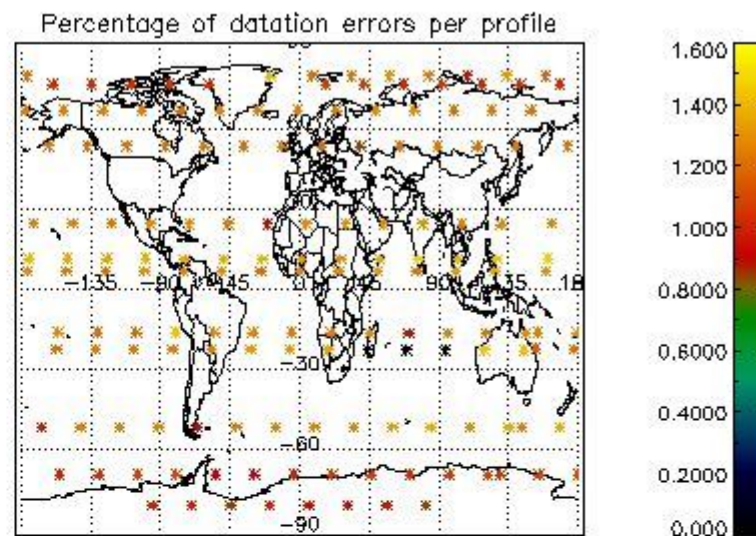
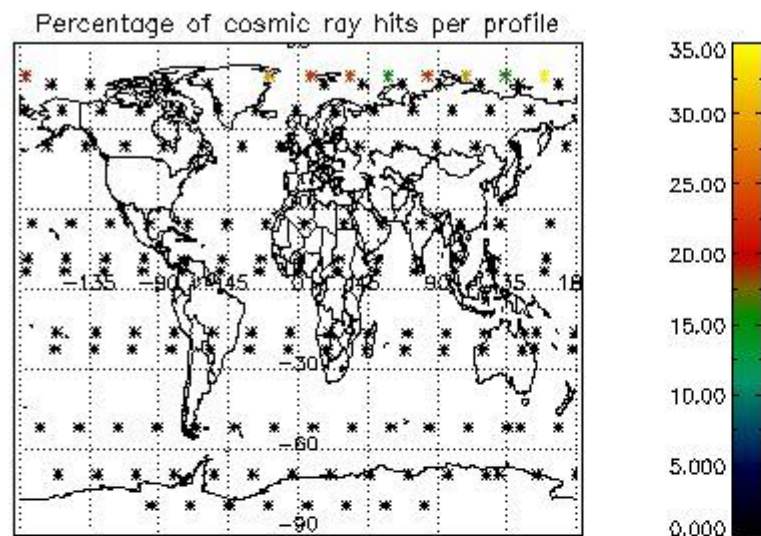


*4.2 Plot quality information per product coming from level 1b processing (world map)*

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

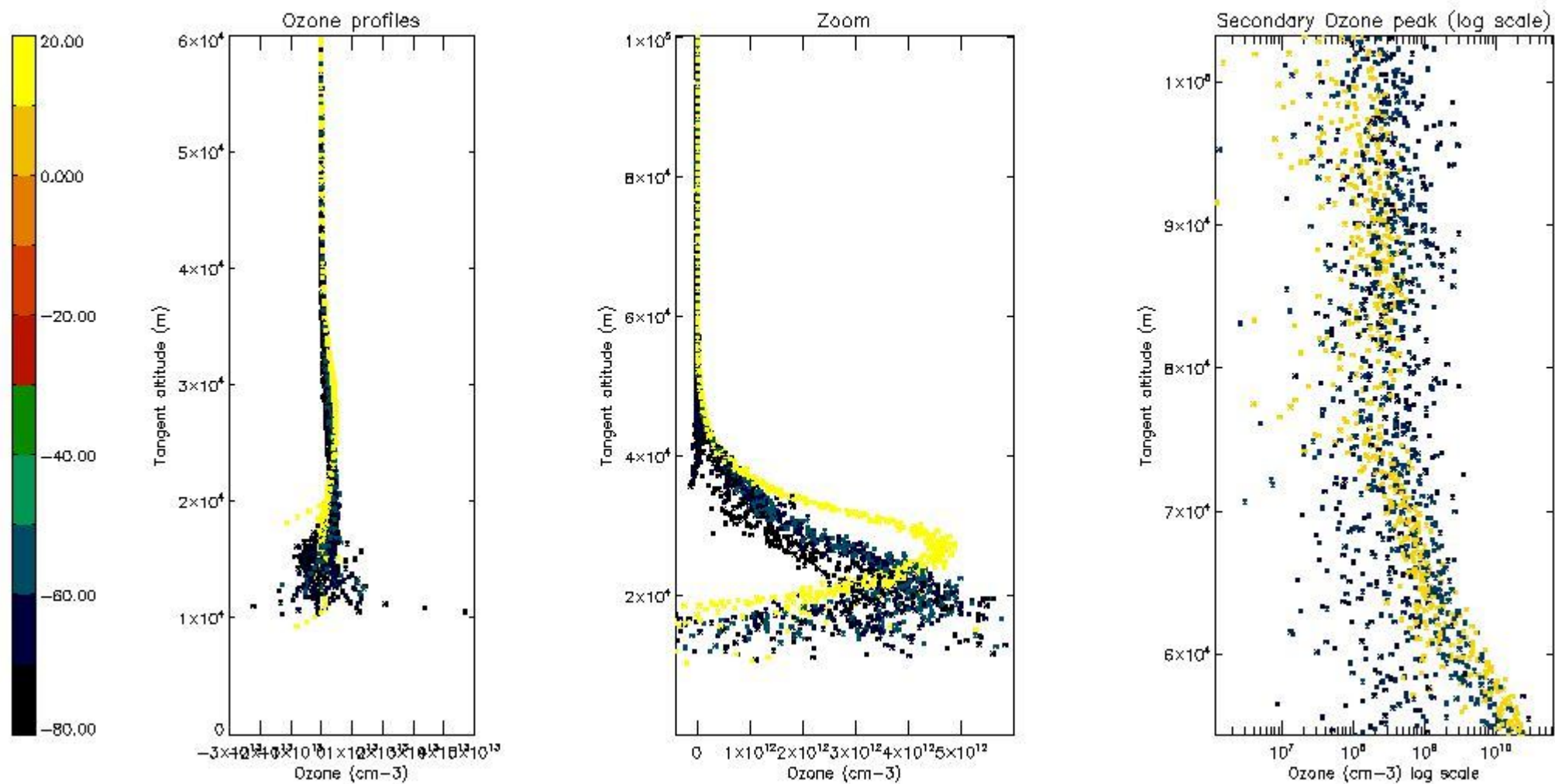
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	6

STD < 10	3
STD < 5	1

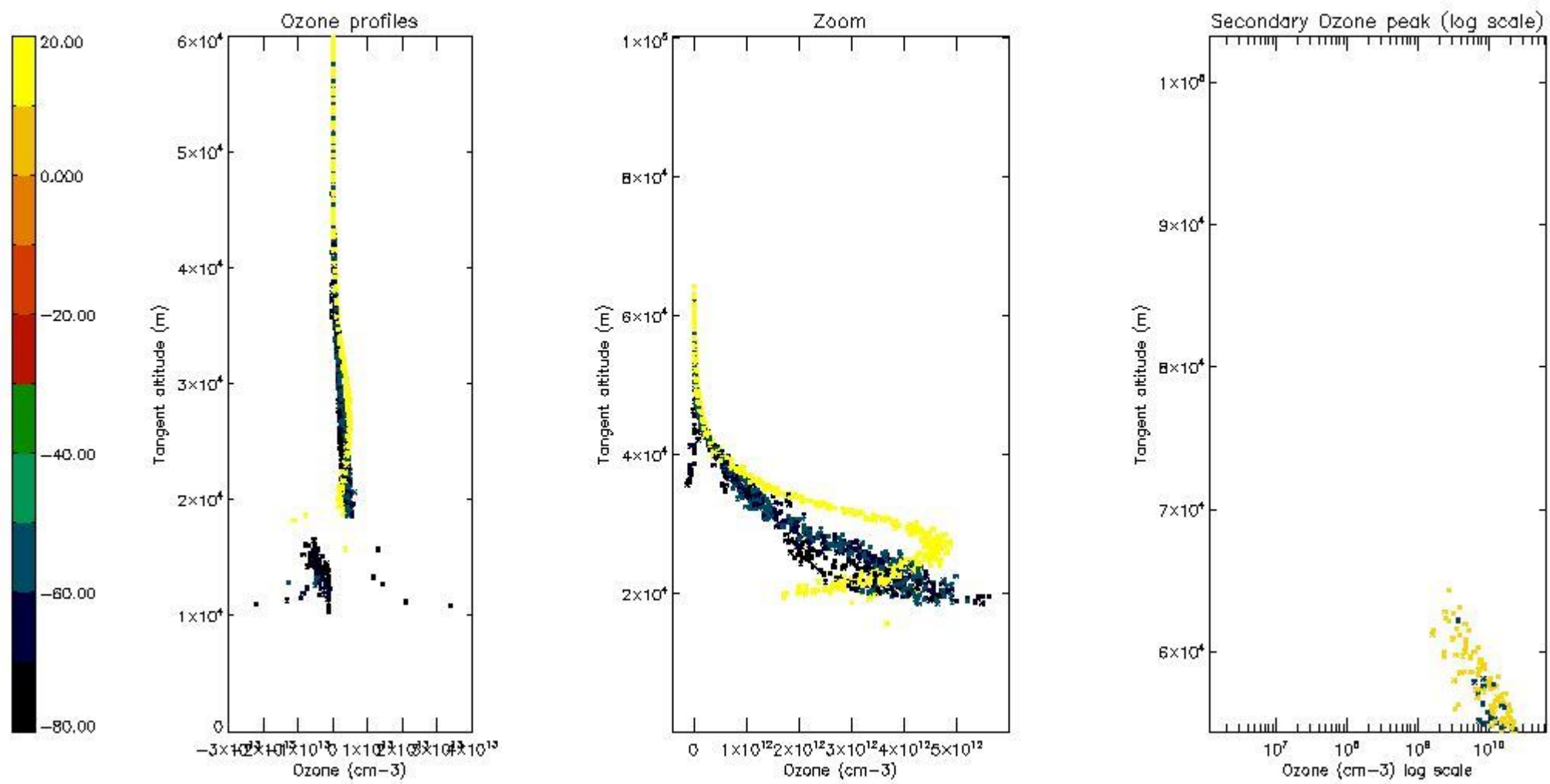
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

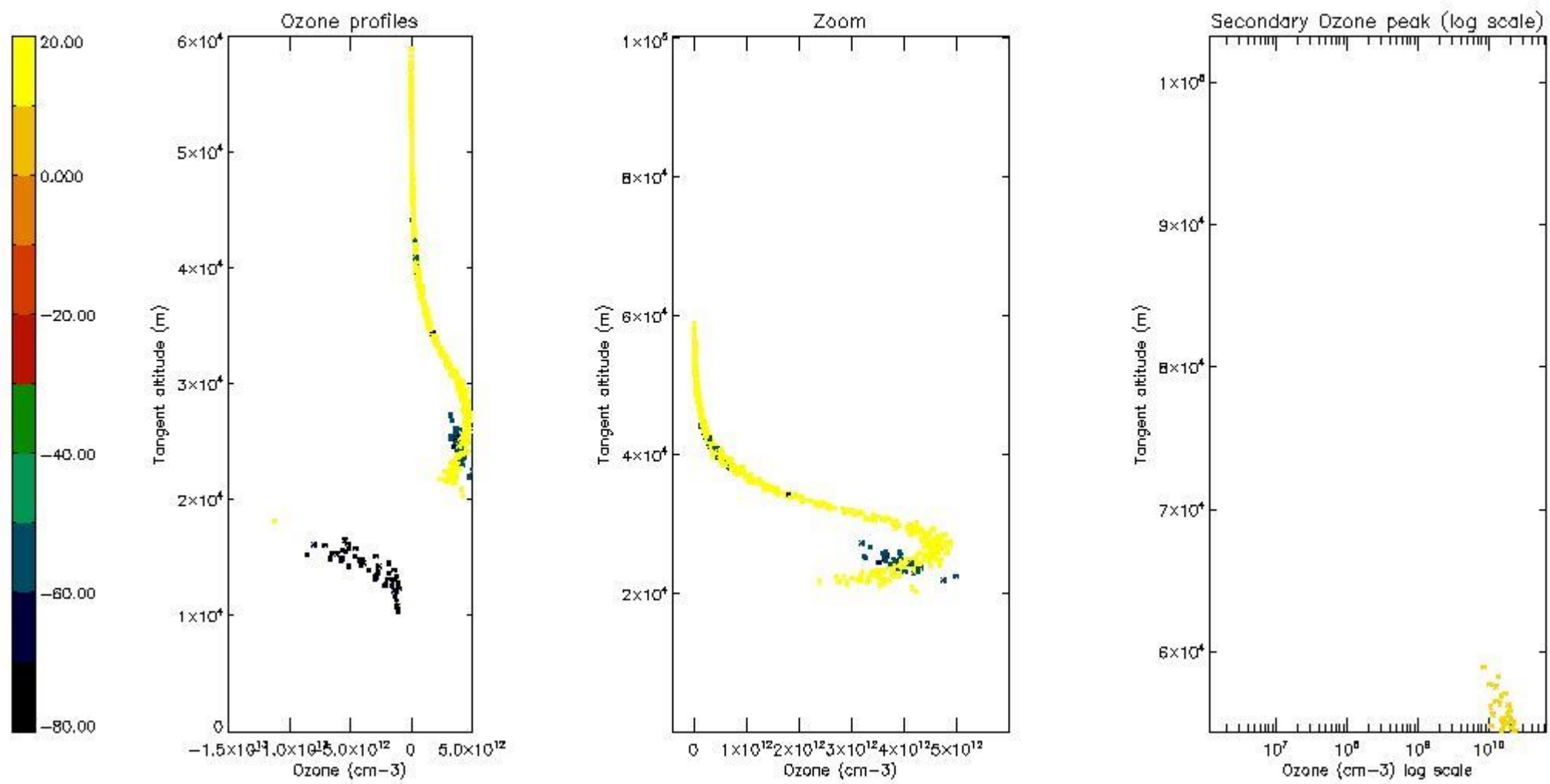
The colorbar represents the latitude.



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

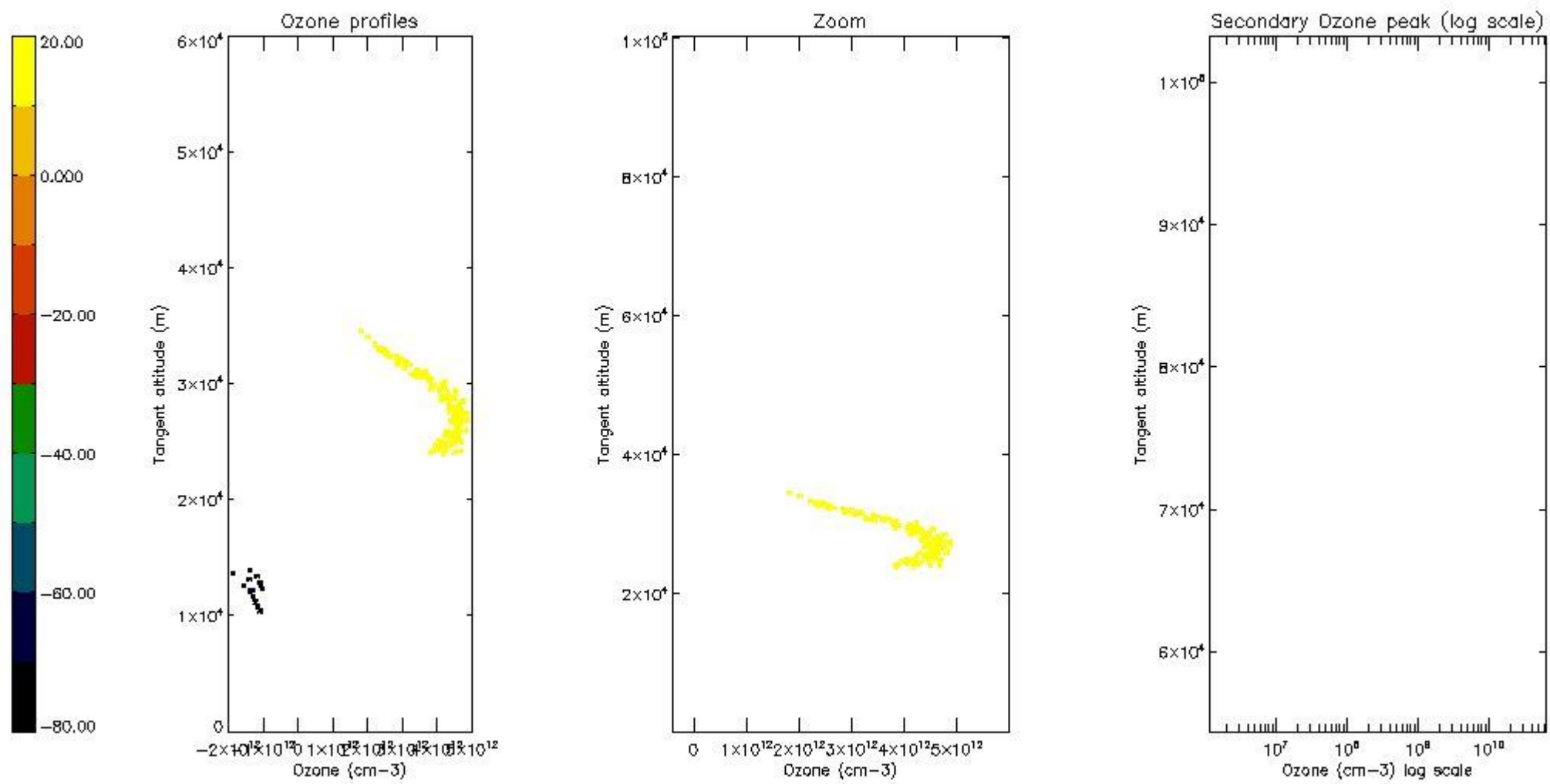
The colorbar represents the latitude.





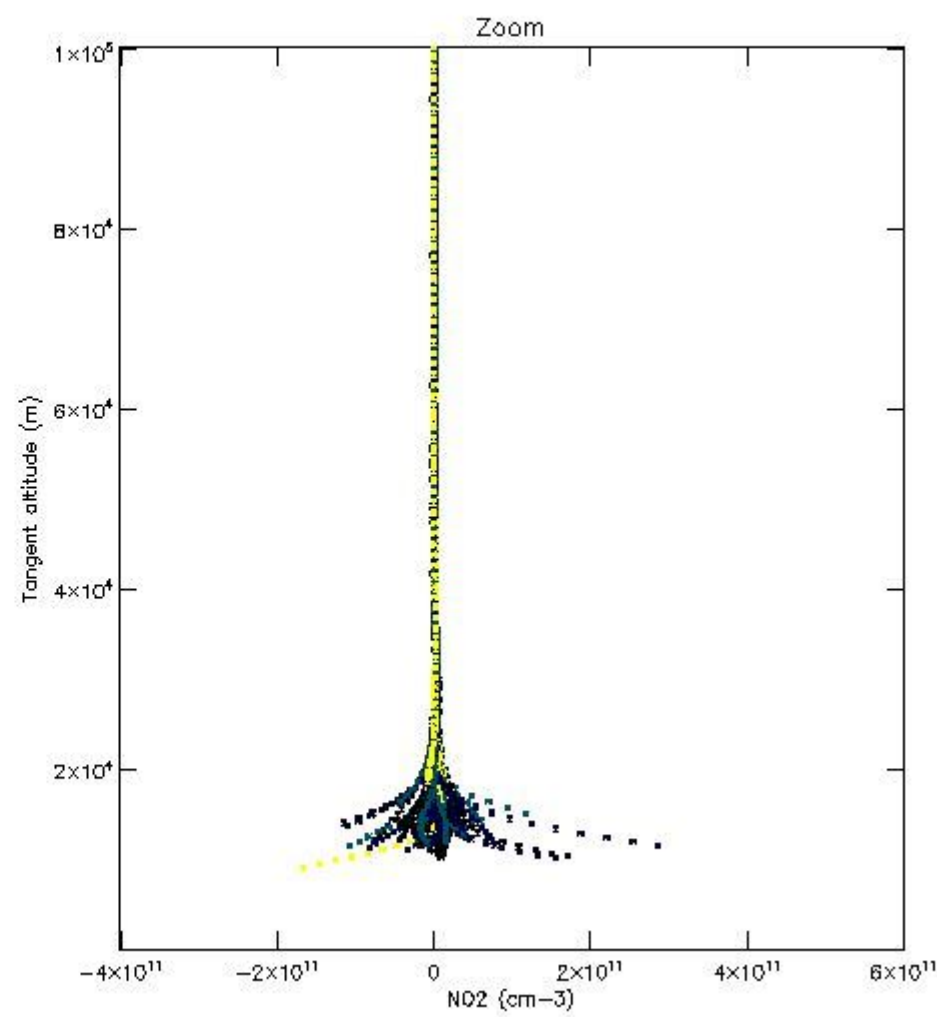
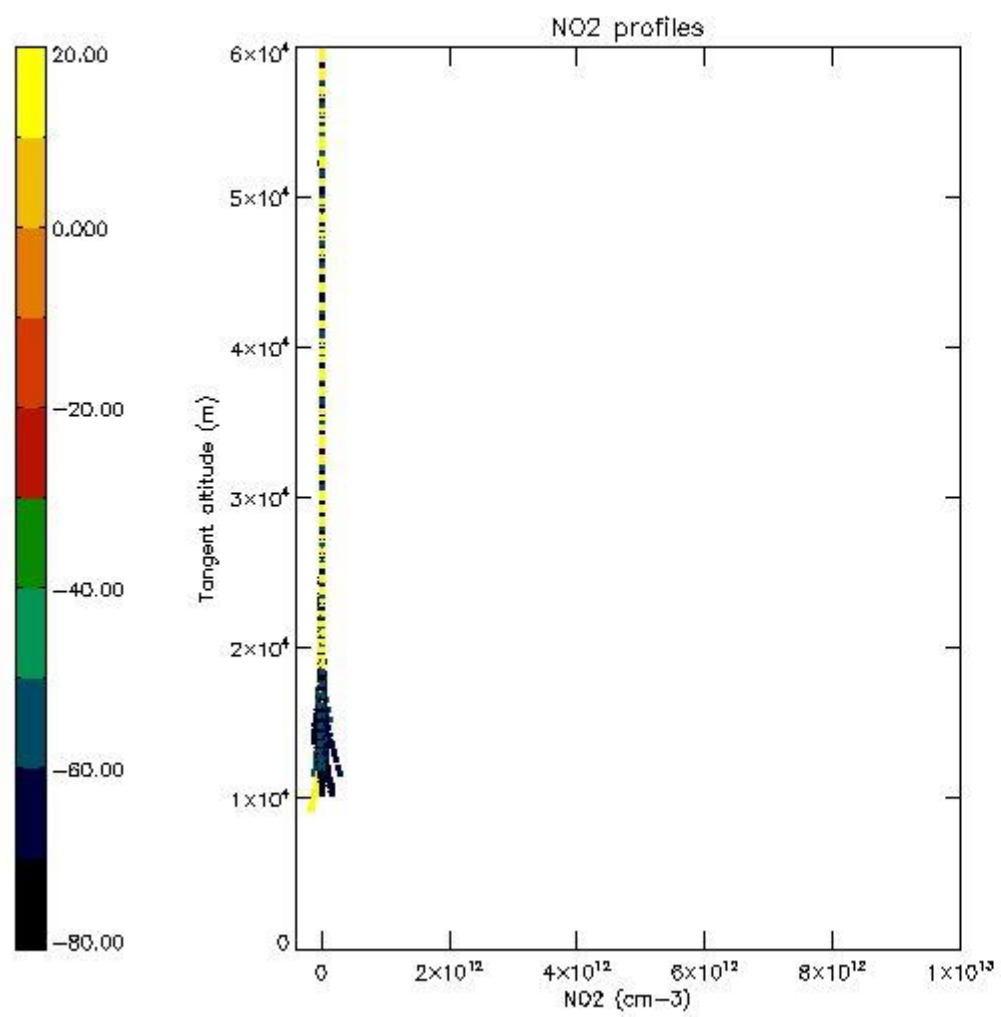
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



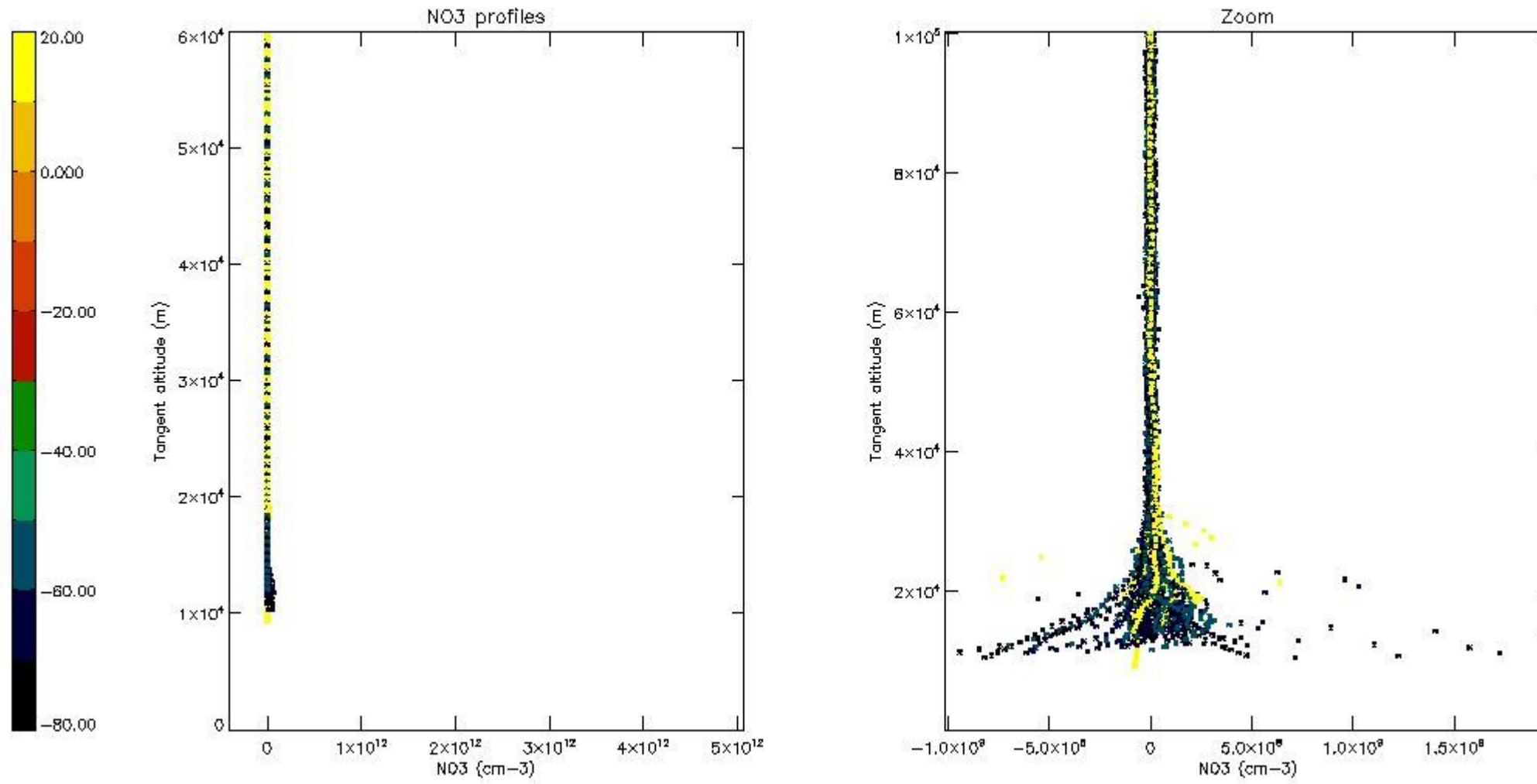
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

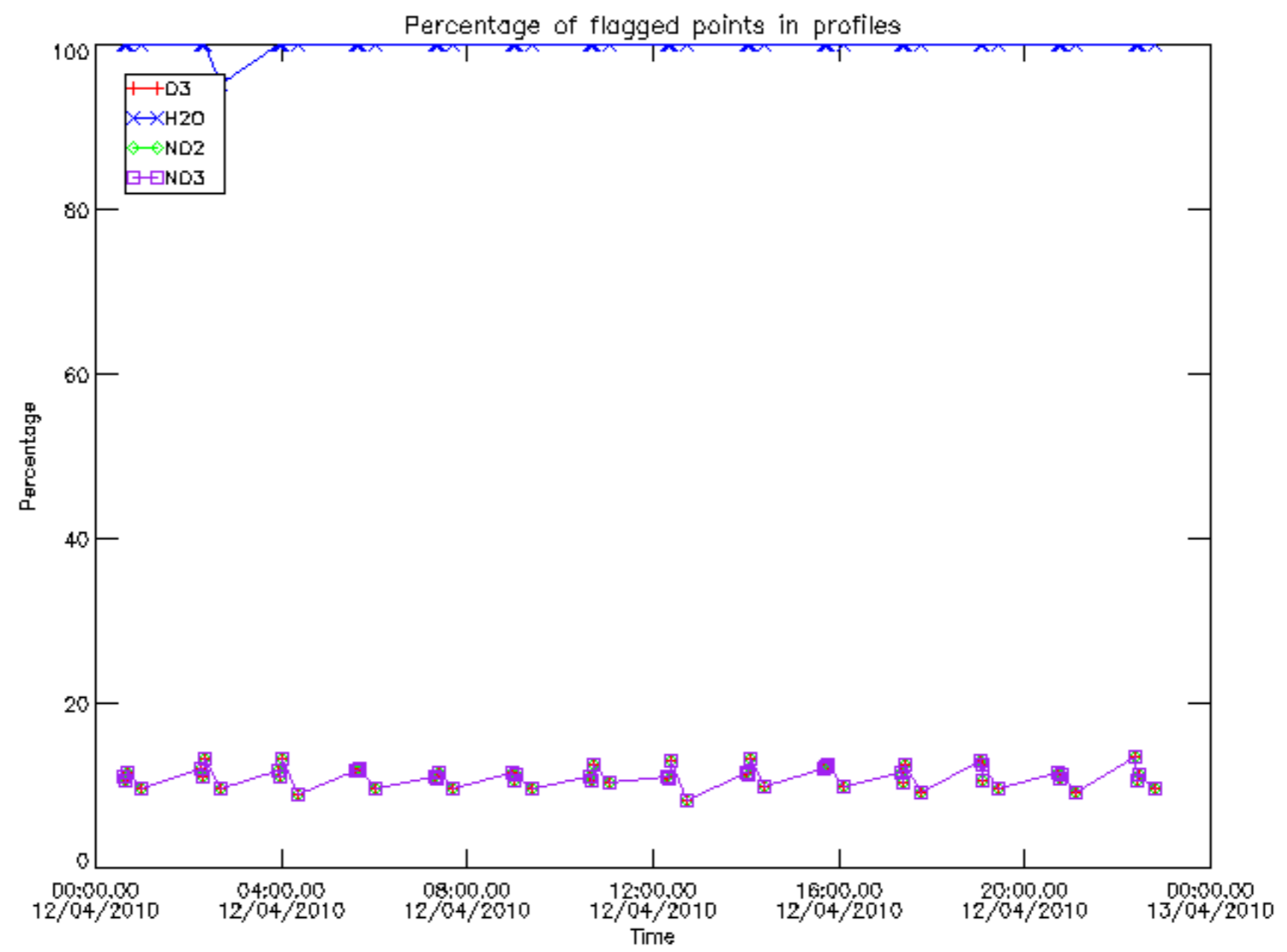
The colorbar represents the latitude.



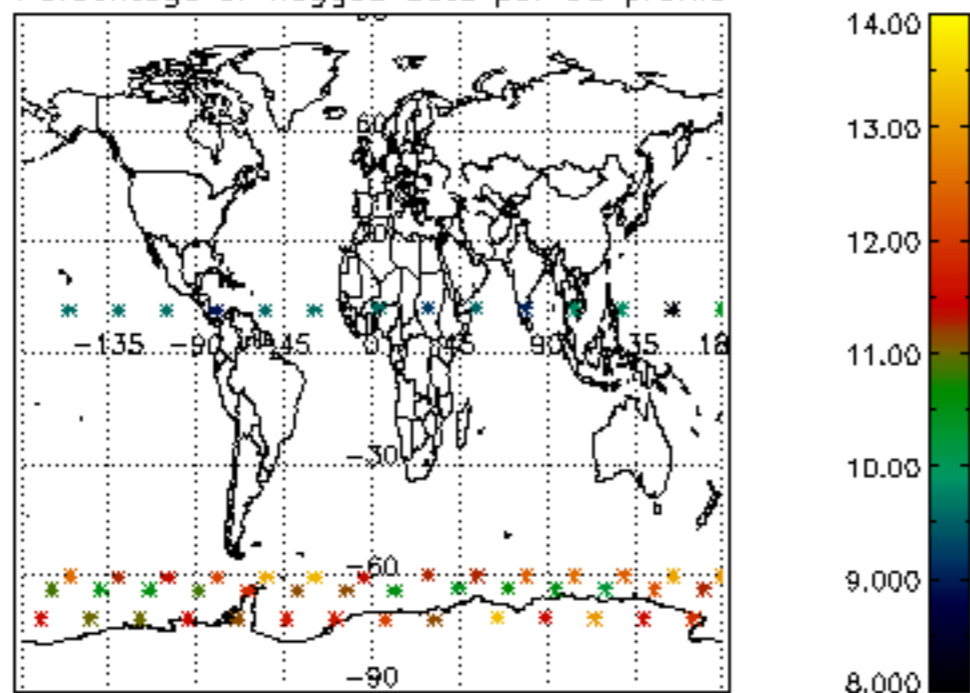
## 6. Auxiliary Data Files used for the production reported in section 2

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

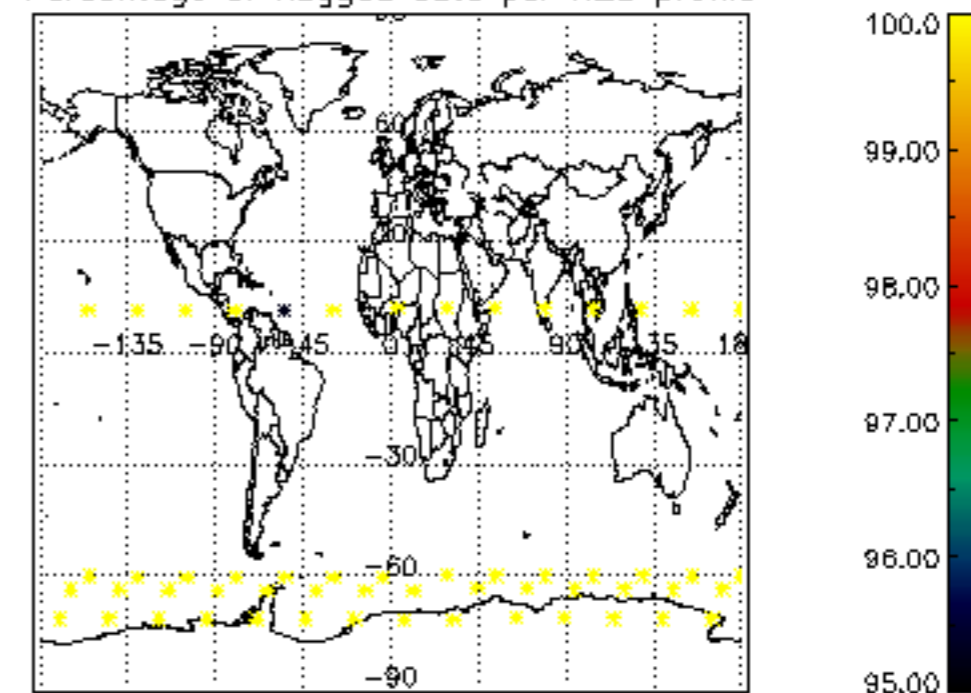
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-APR-2010 00:06:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-APR-2010 00:06:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-APR-2010 00:06:01



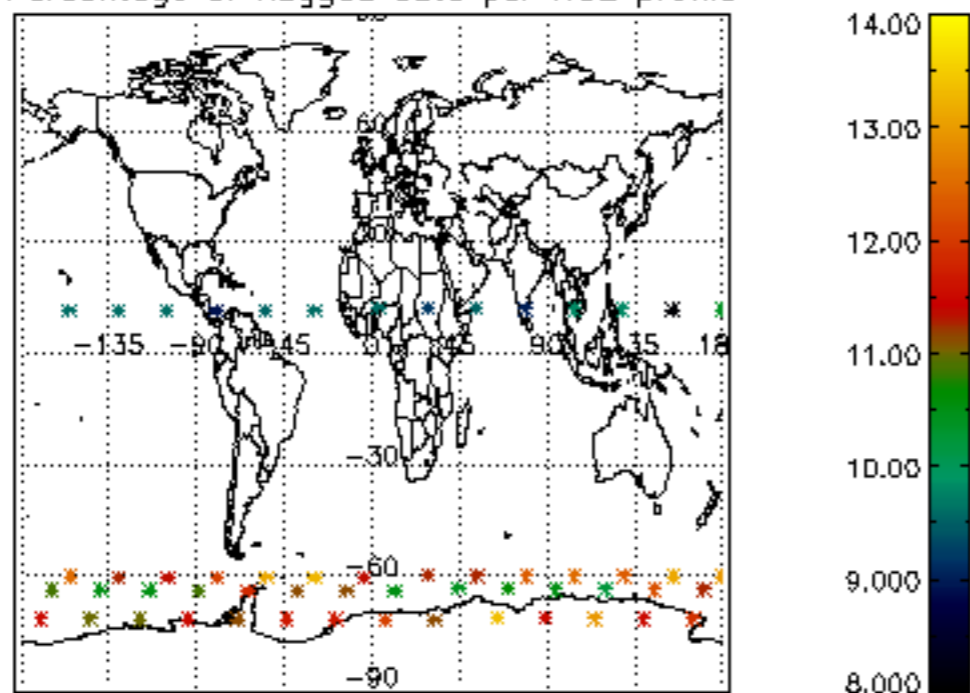
Percentage of flagged data per D3 profile



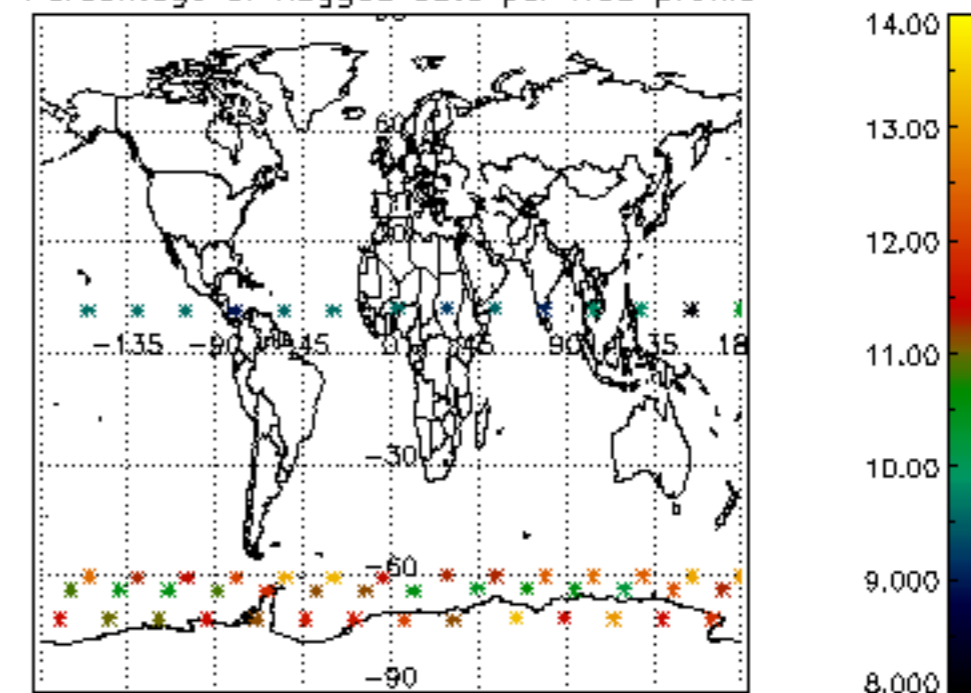
Percentage of flagged data per H2O profile

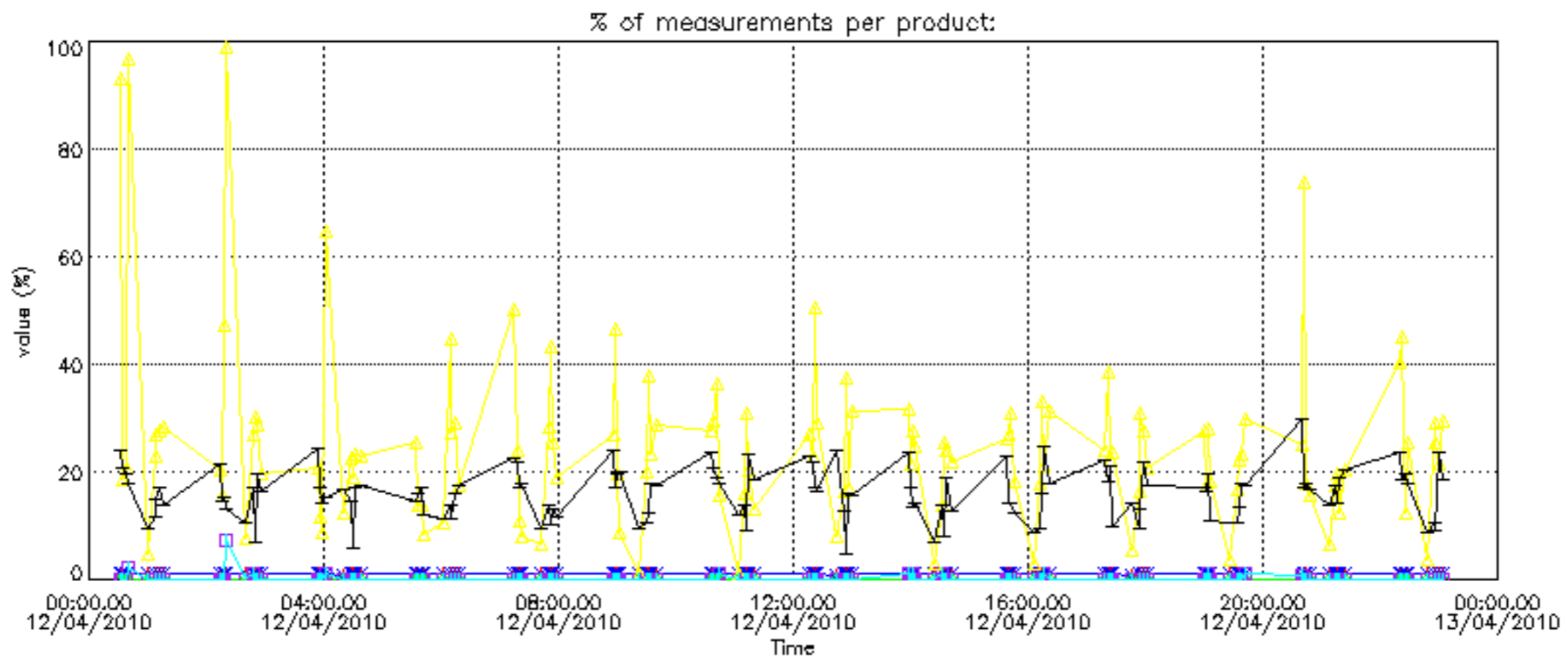


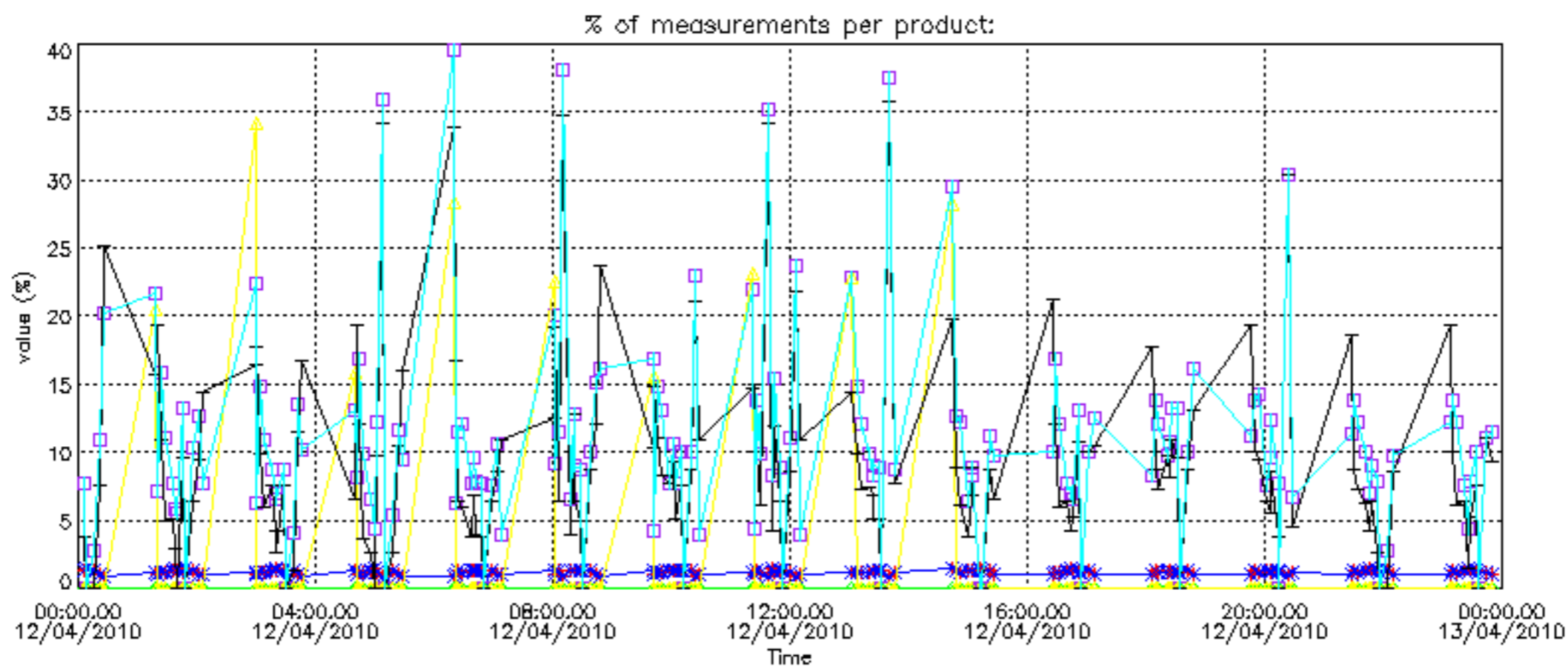
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

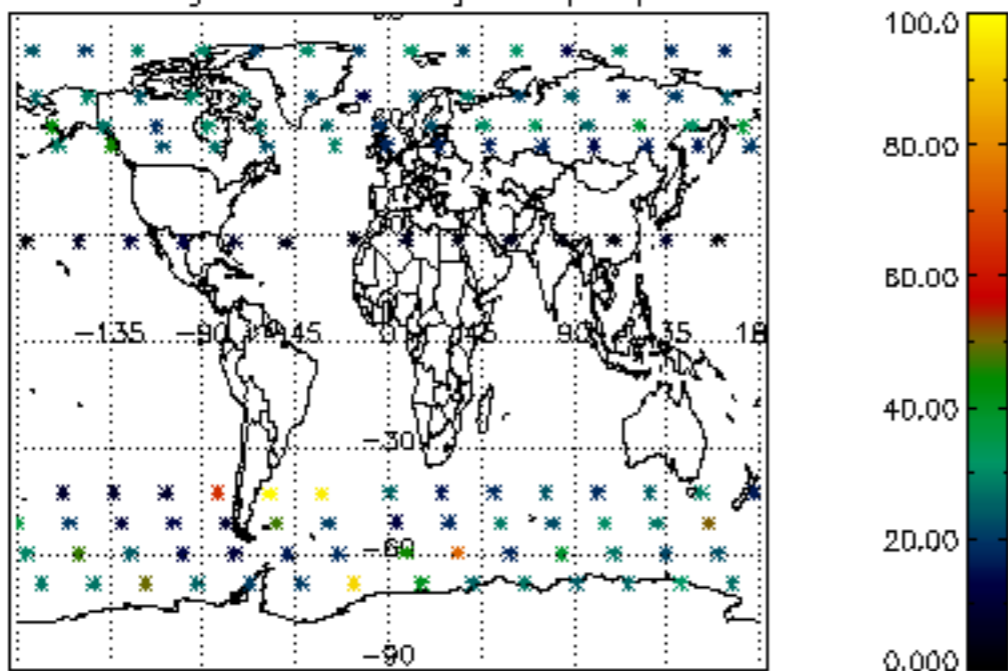




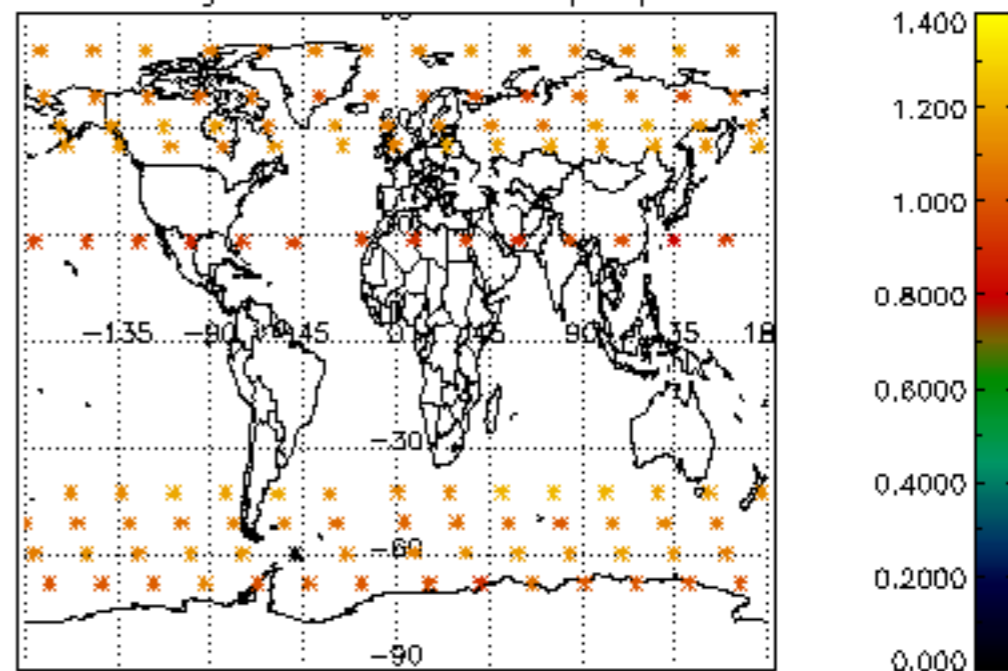




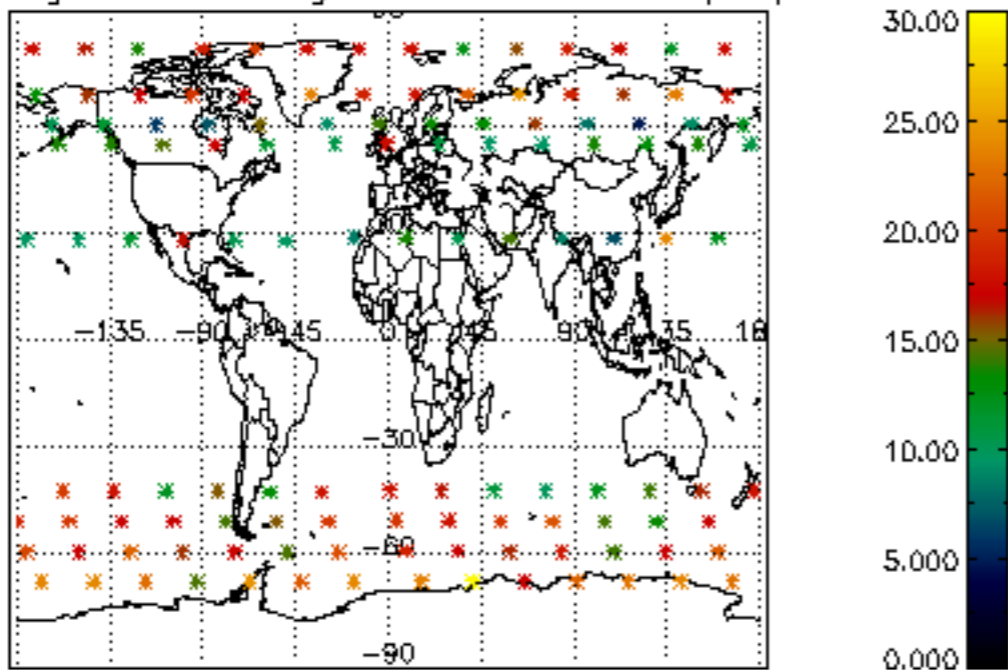
Percentage of cosmic ray hits per profile



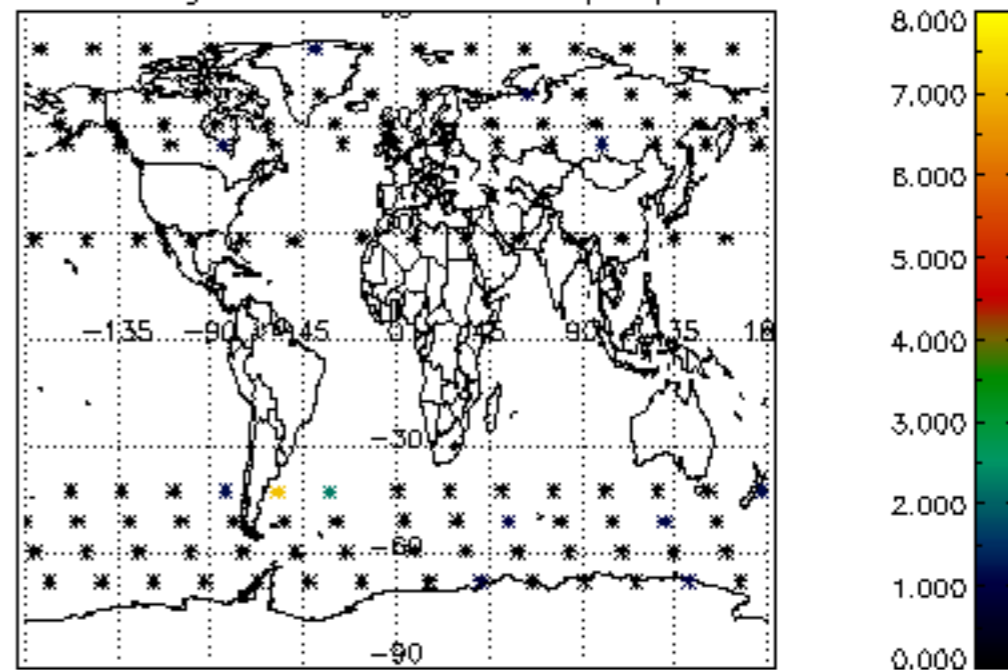
Percentage of datation errors per profile



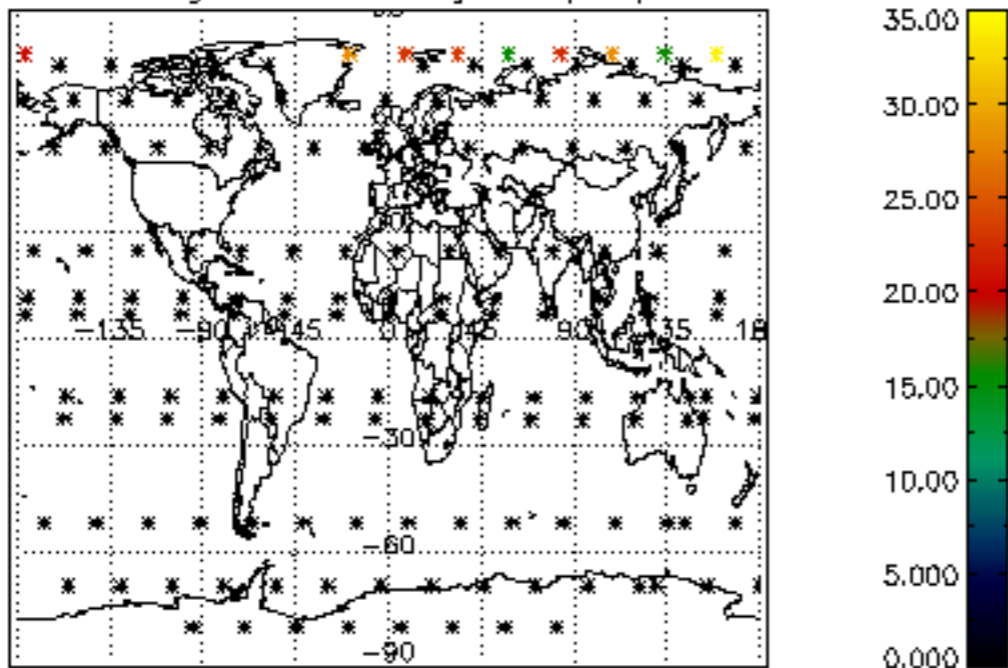
Percentage of star falling outside central band per profile



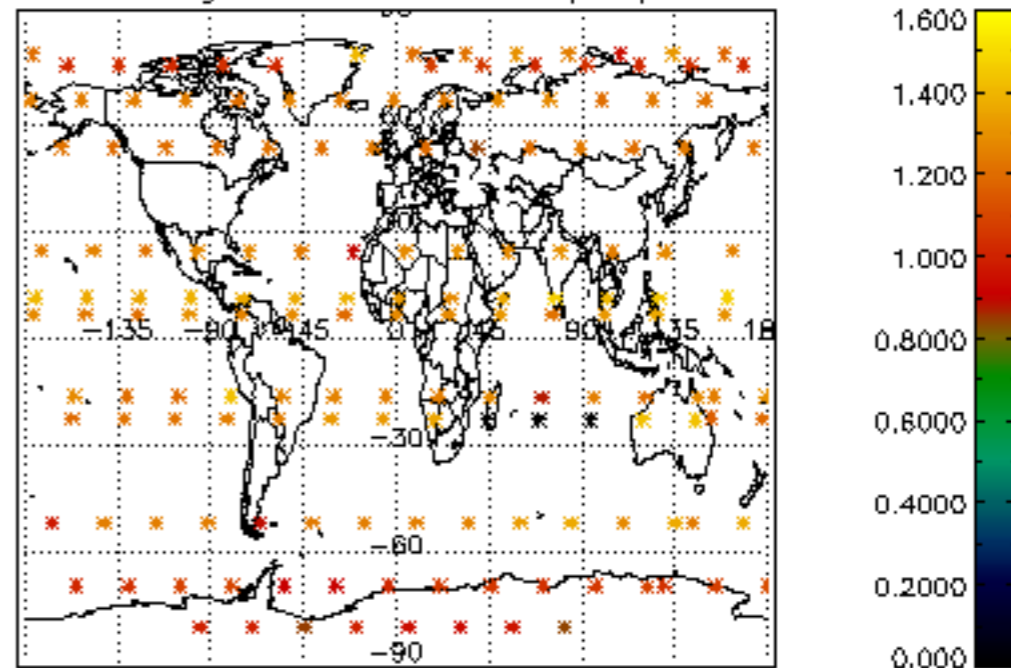
Percentage of saturation errors per profile



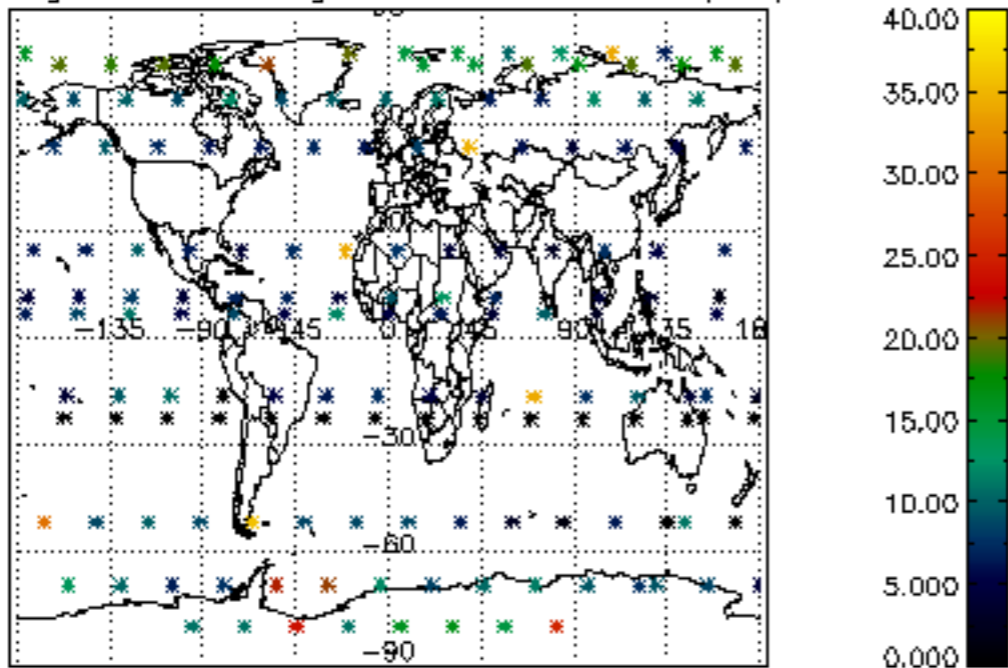
Percentage of cosmic ray hits per profile



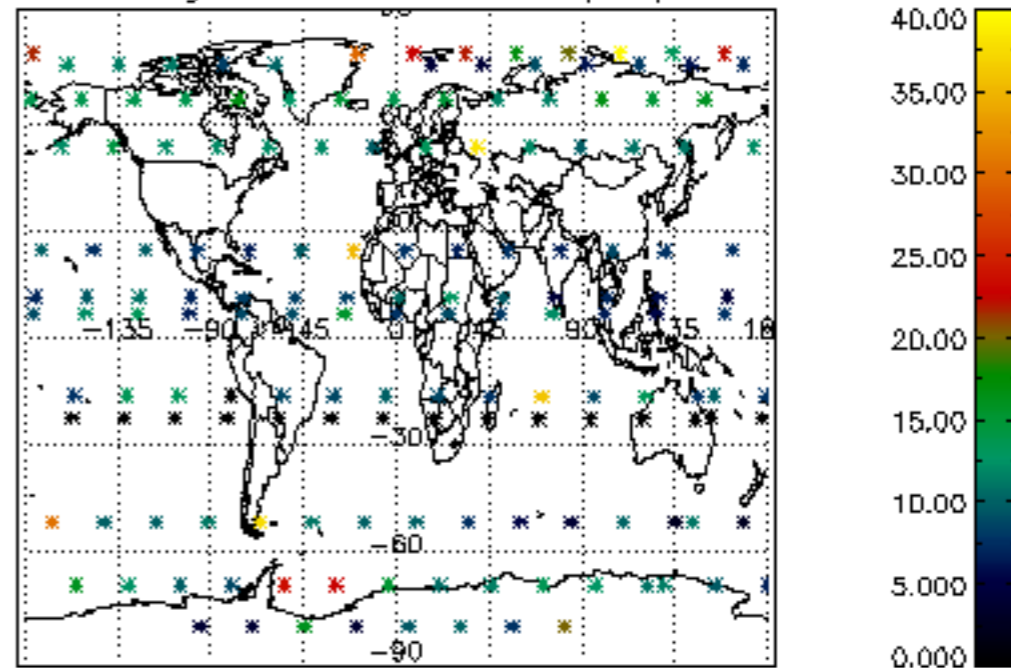
Percentage of datation errors per profile

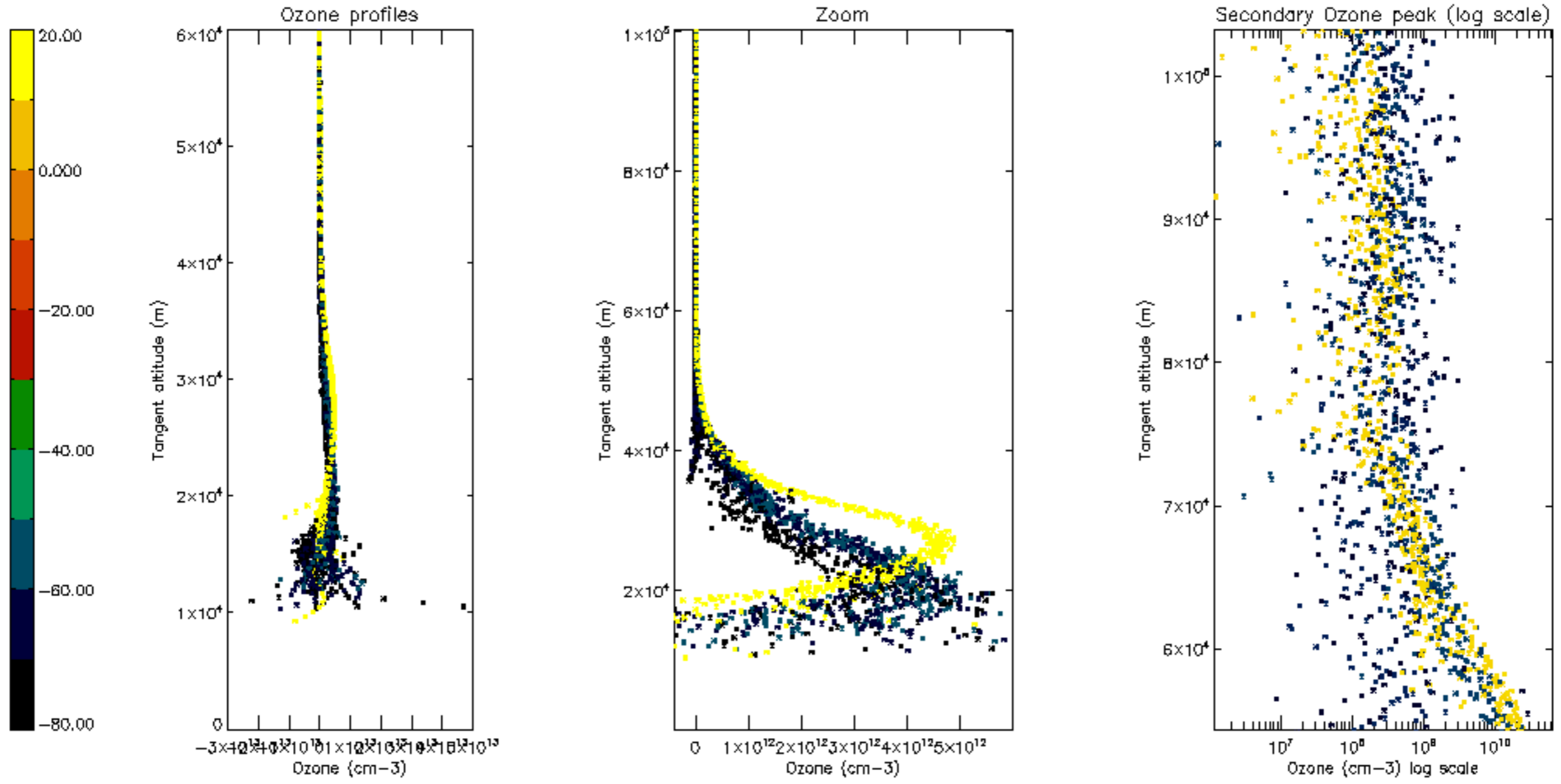


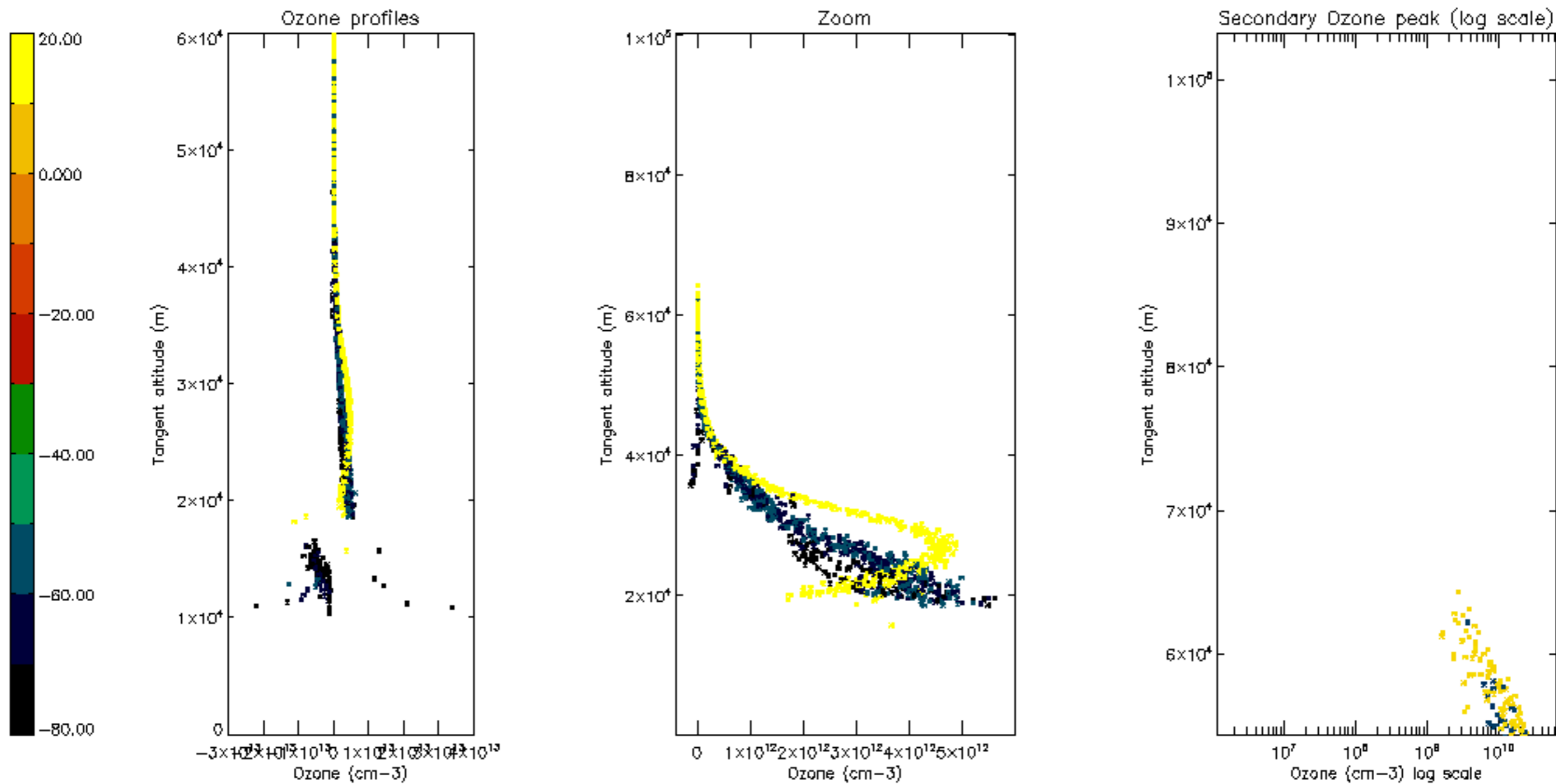
Percentage of star falling outside central band per profile

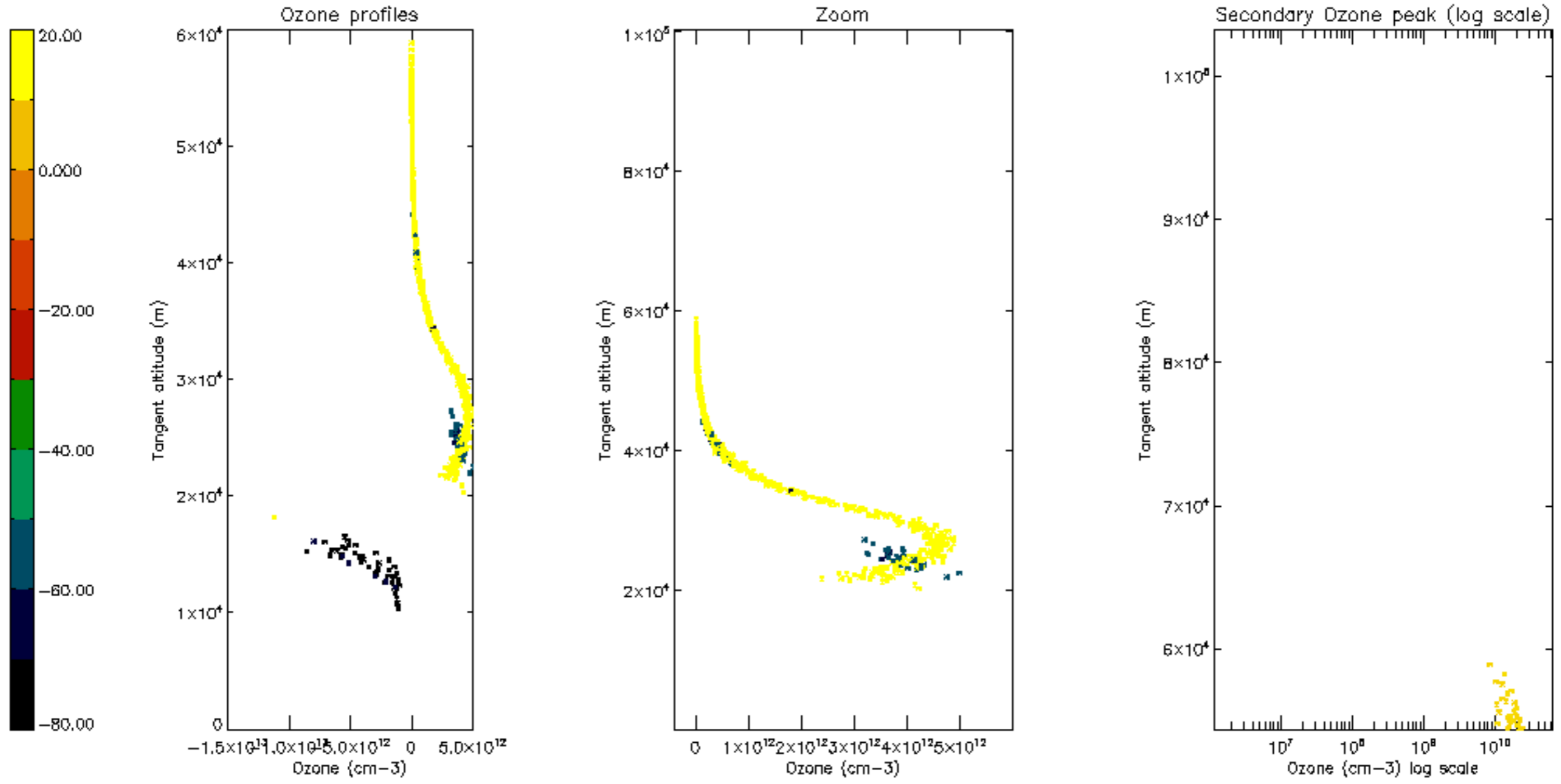


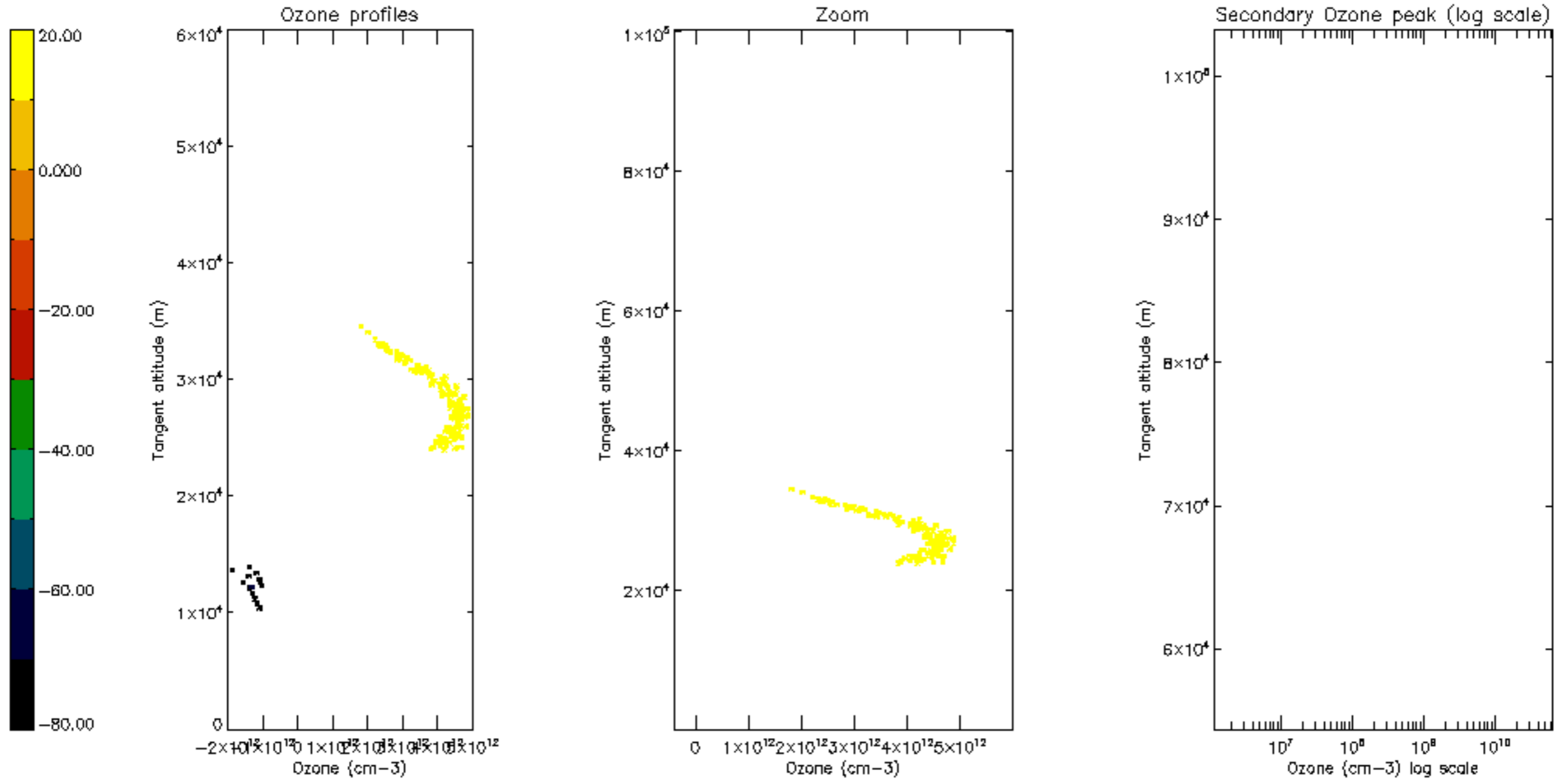
Percentage of saturation errors per profile

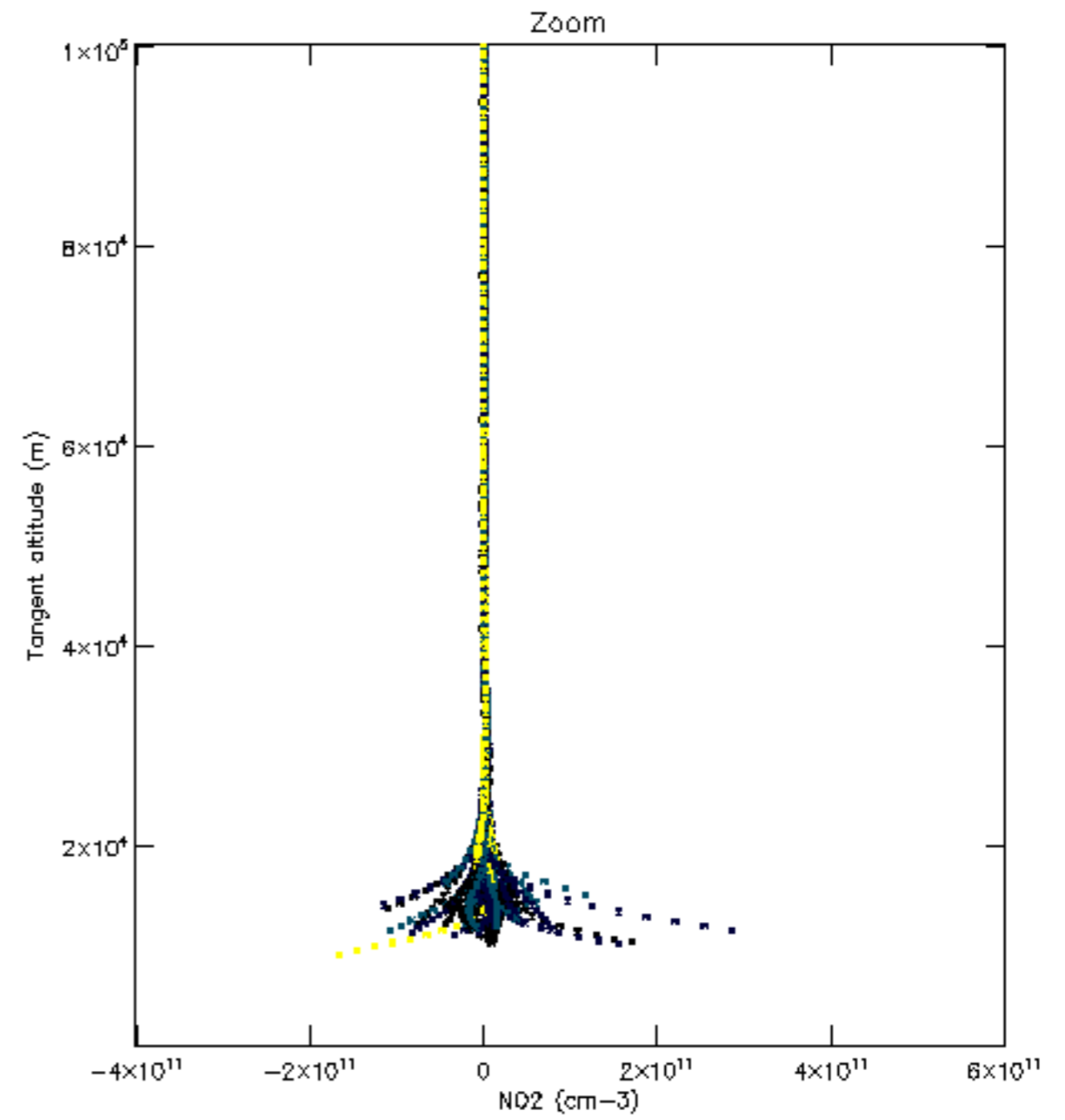
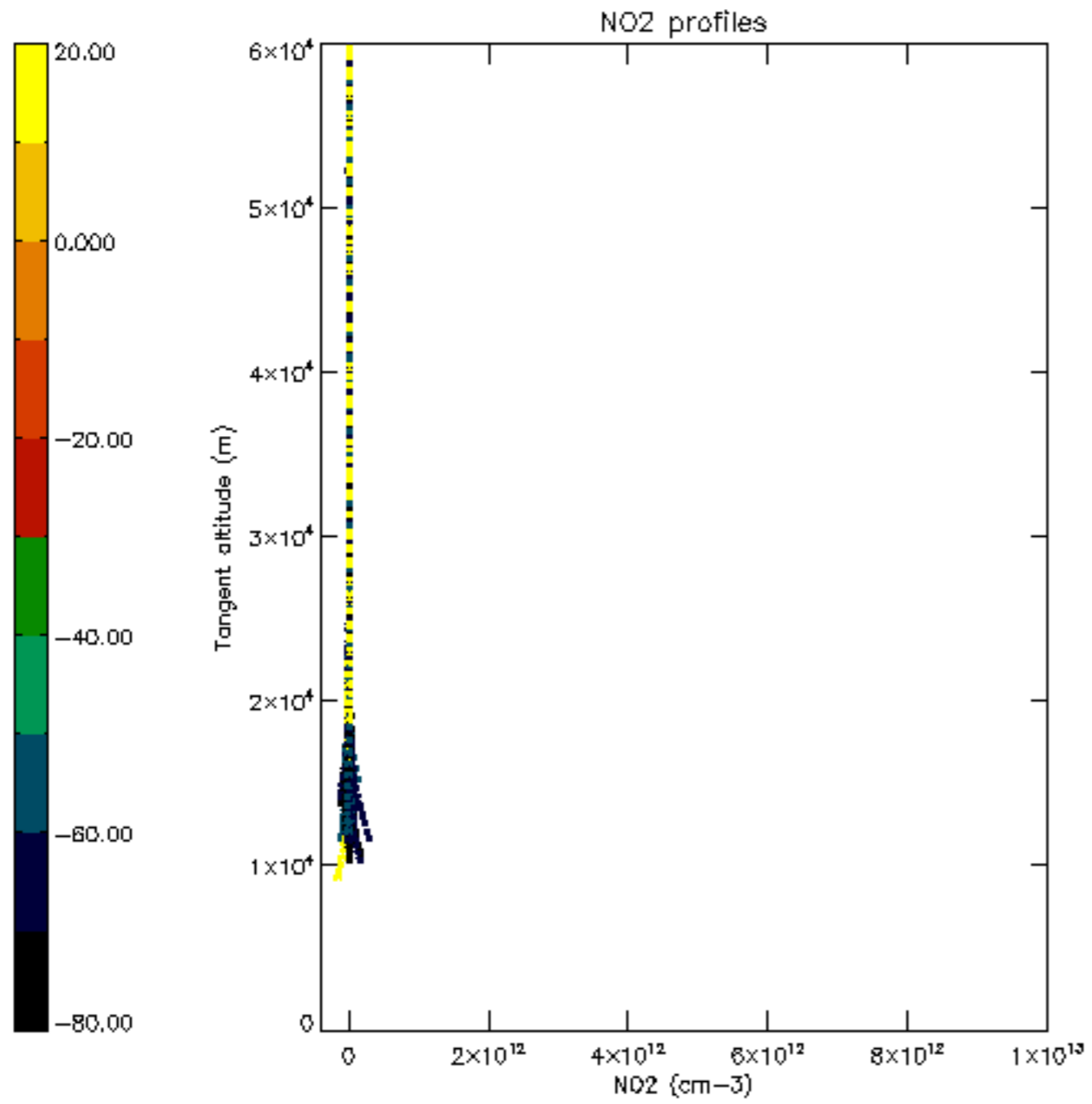


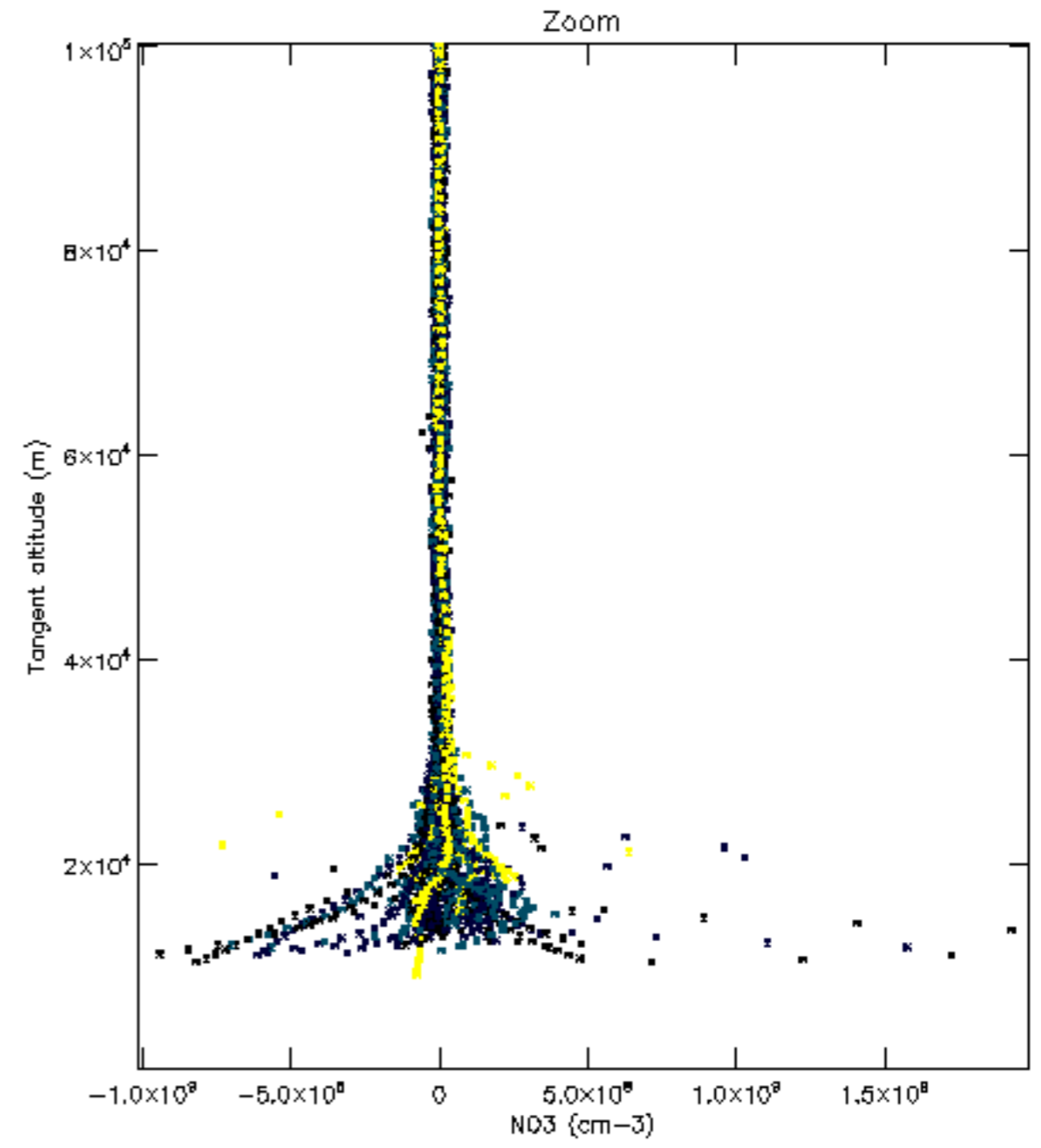
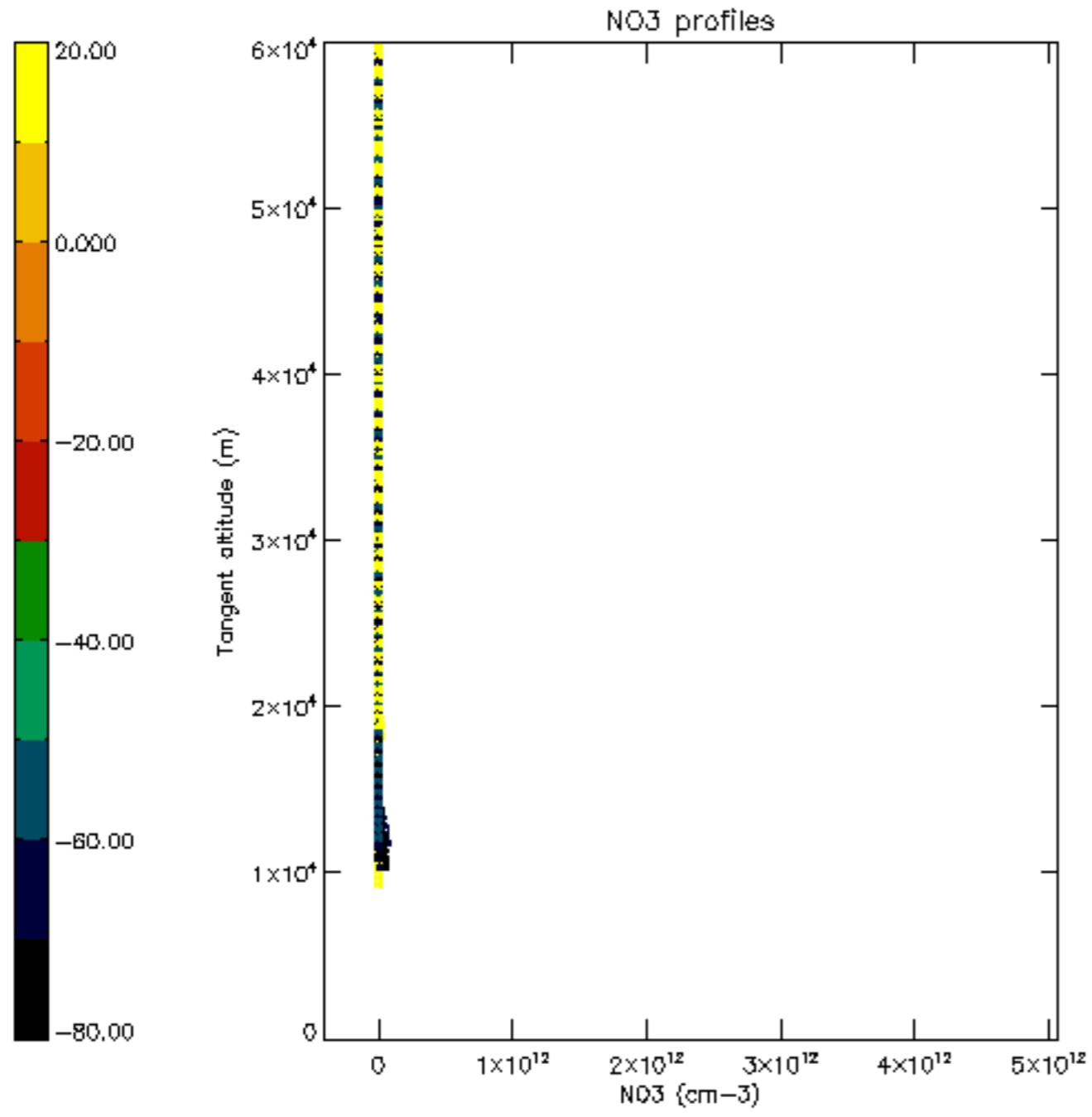




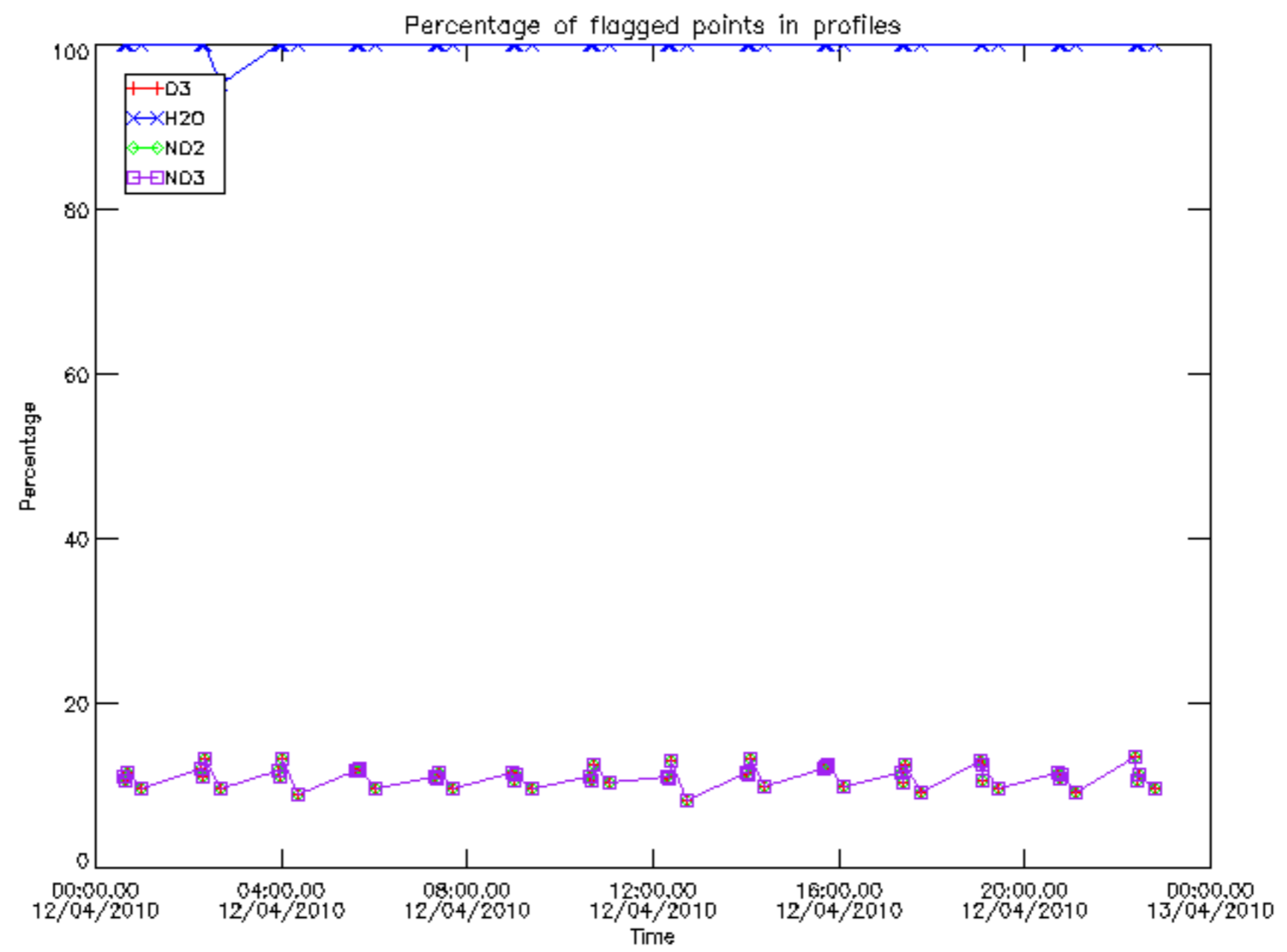




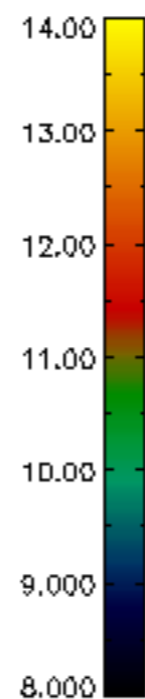
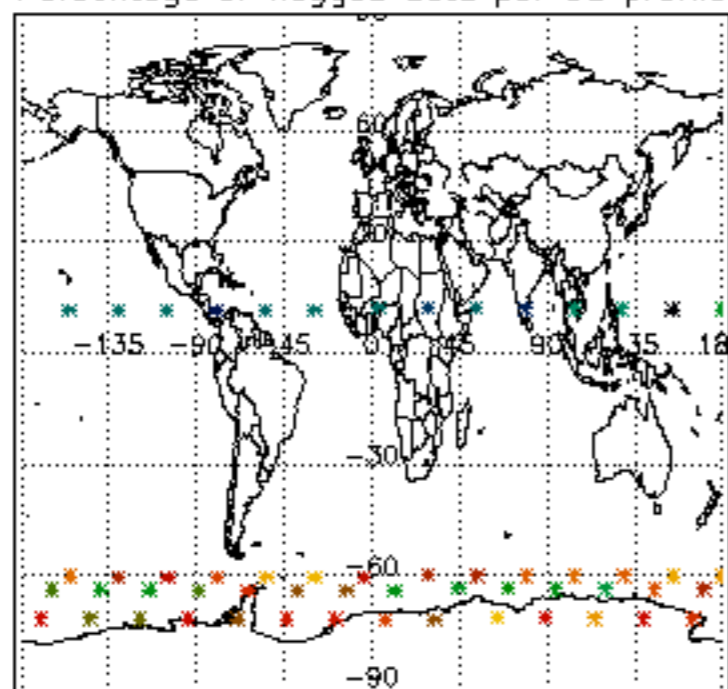




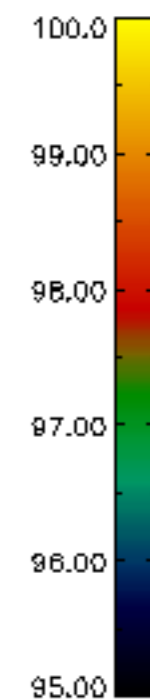
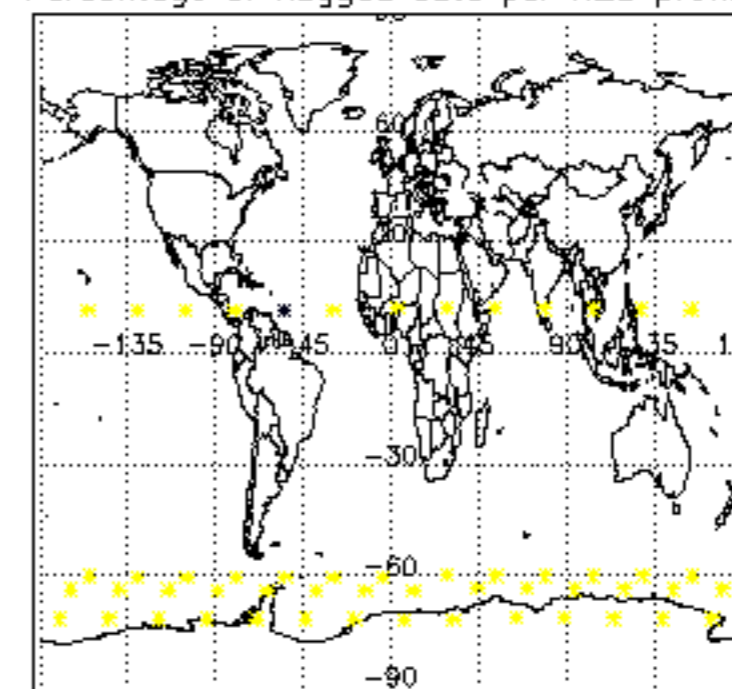




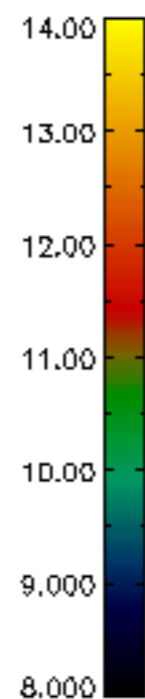
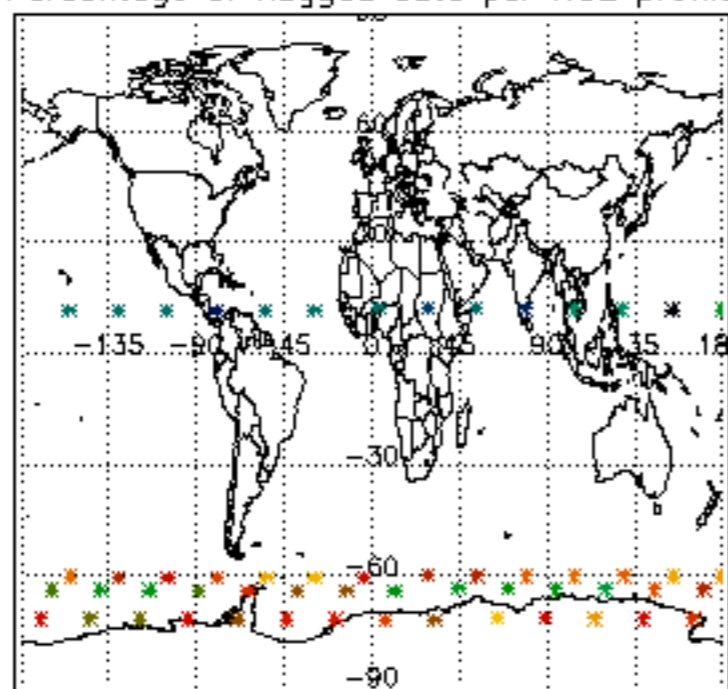
Percentage of flagged data per D3 profile



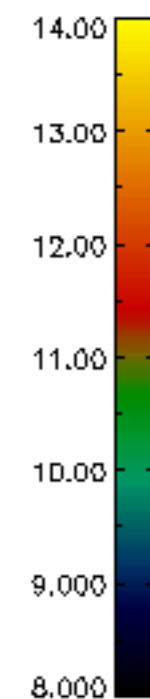
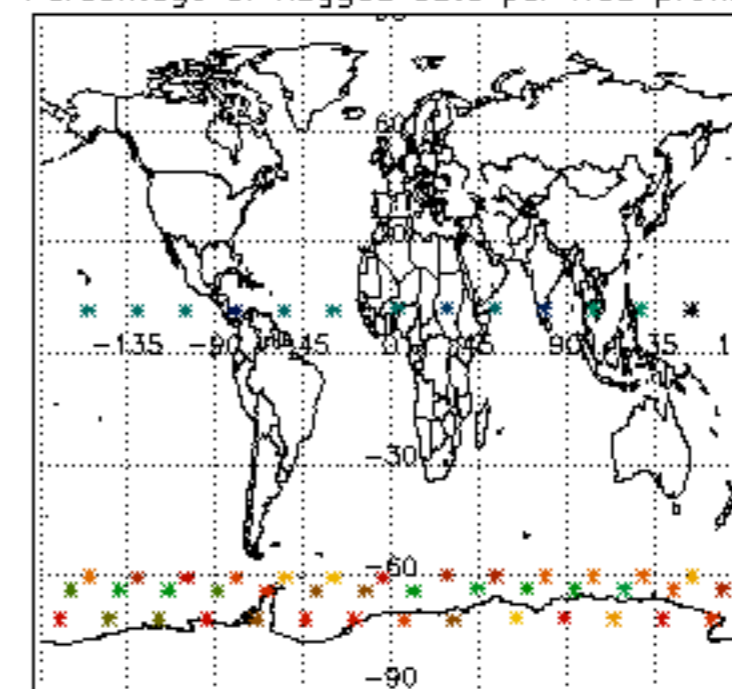
Percentage of flagged data per H2O profile

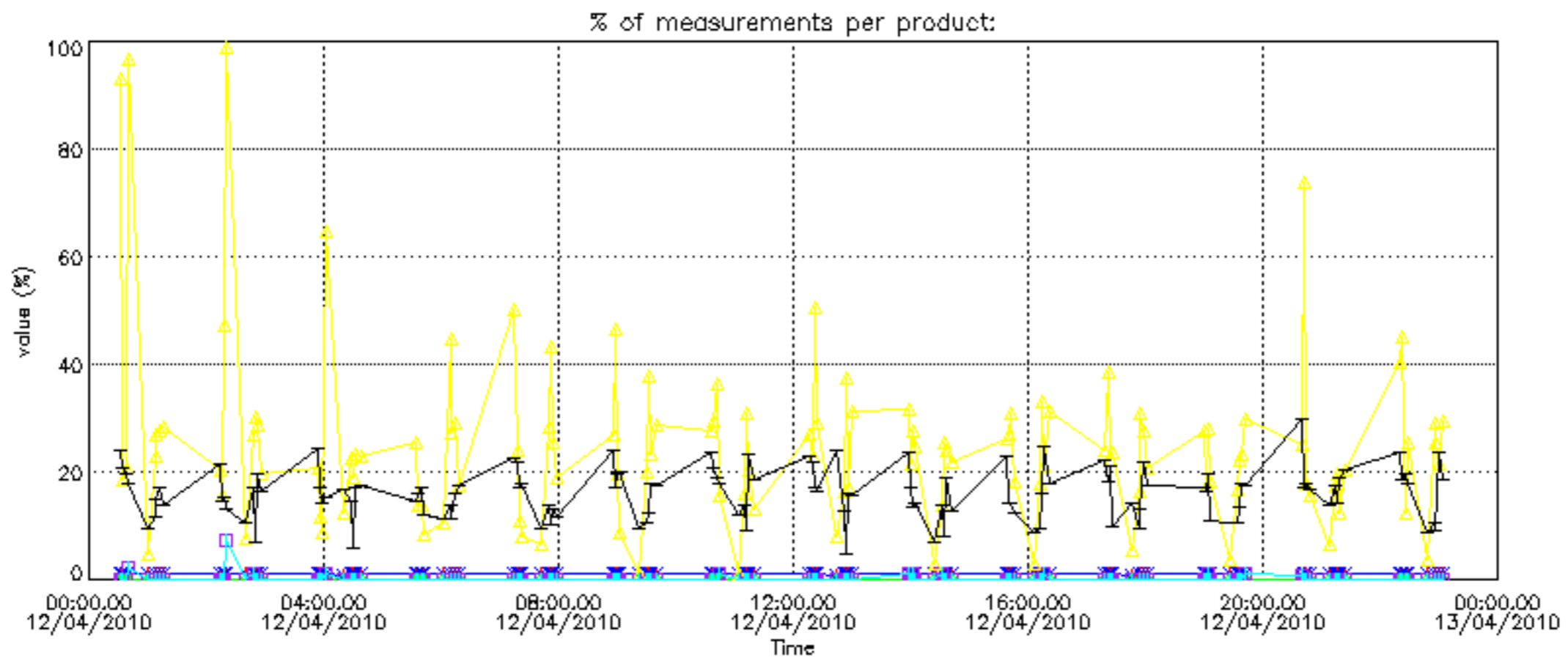


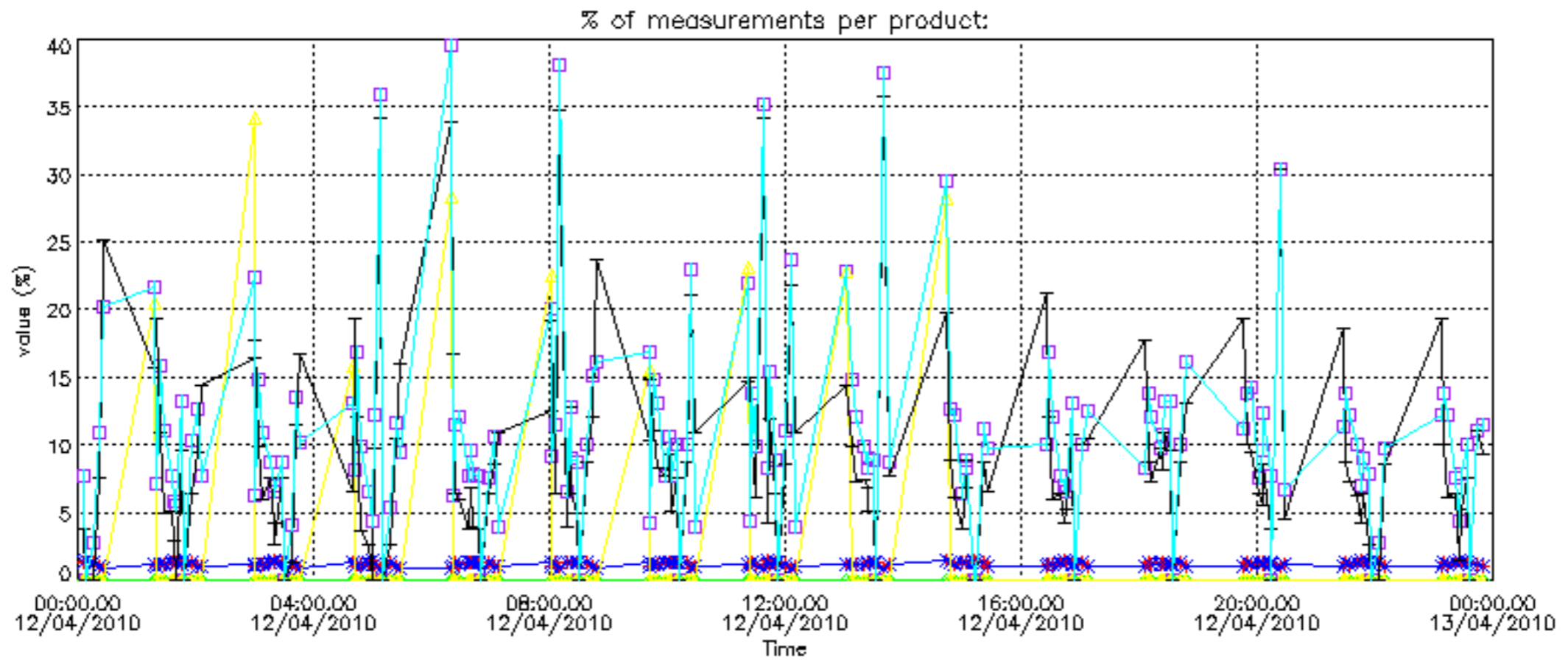
Percentage of flagged data per NO2 profile



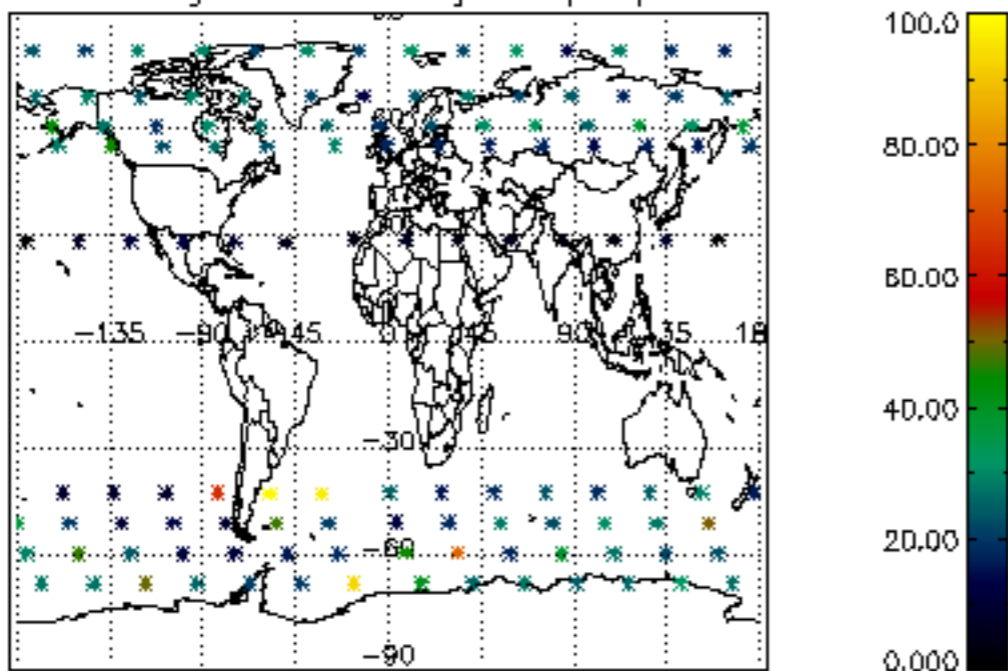
Percentage of flagged data per NO3 profile



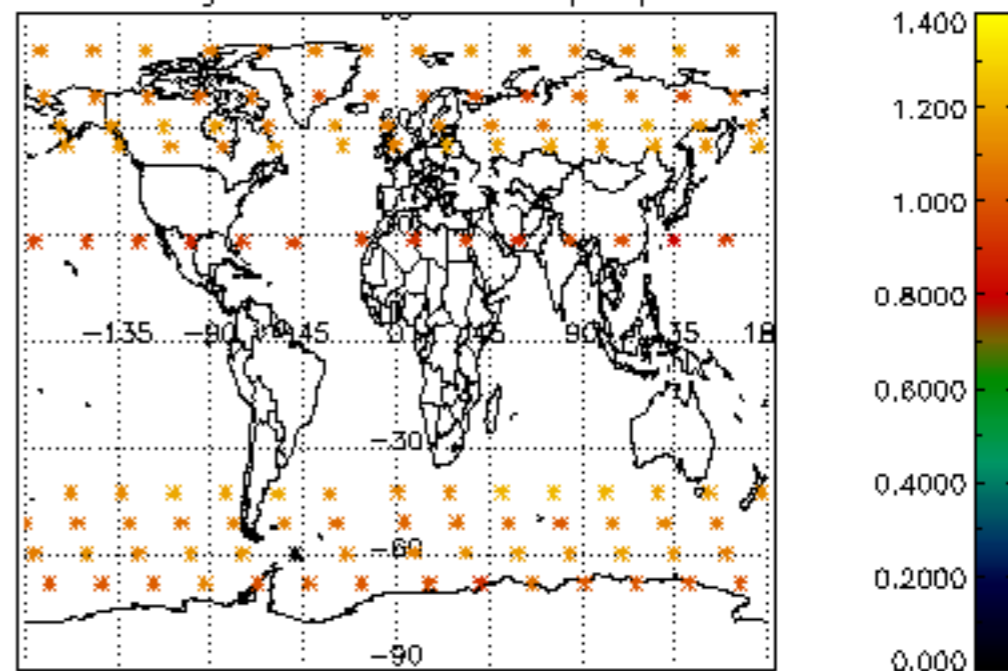




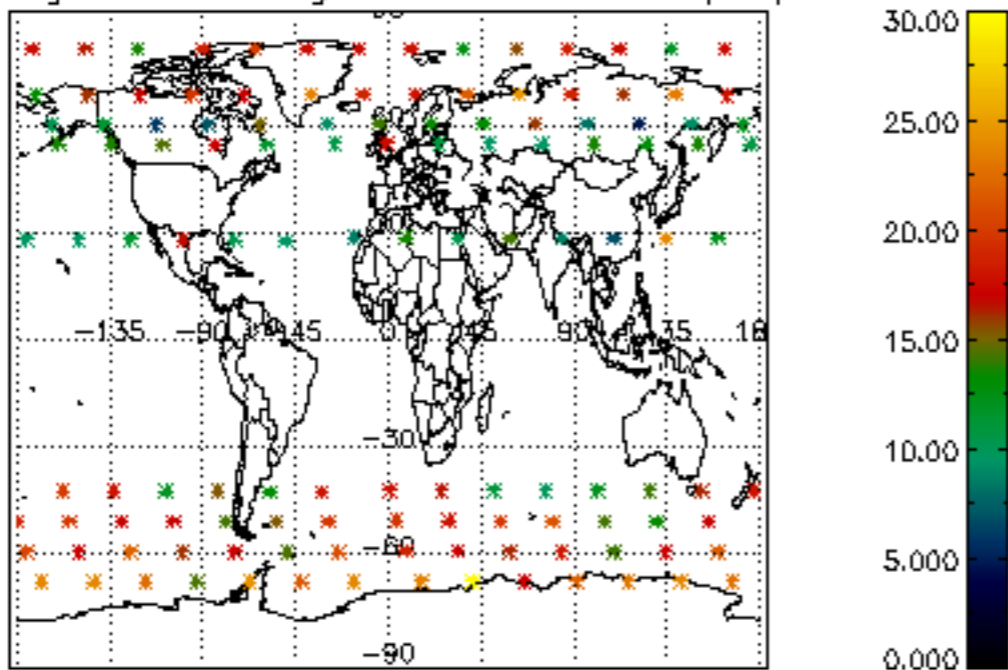
Percentage of cosmic ray hits per profile



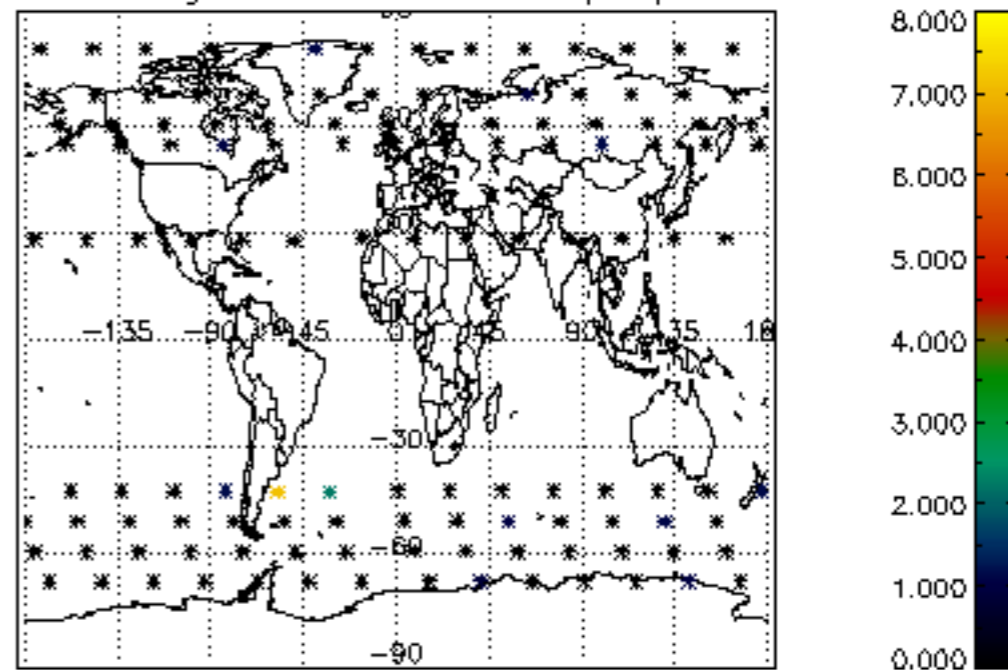
Percentage of datation errors per profile



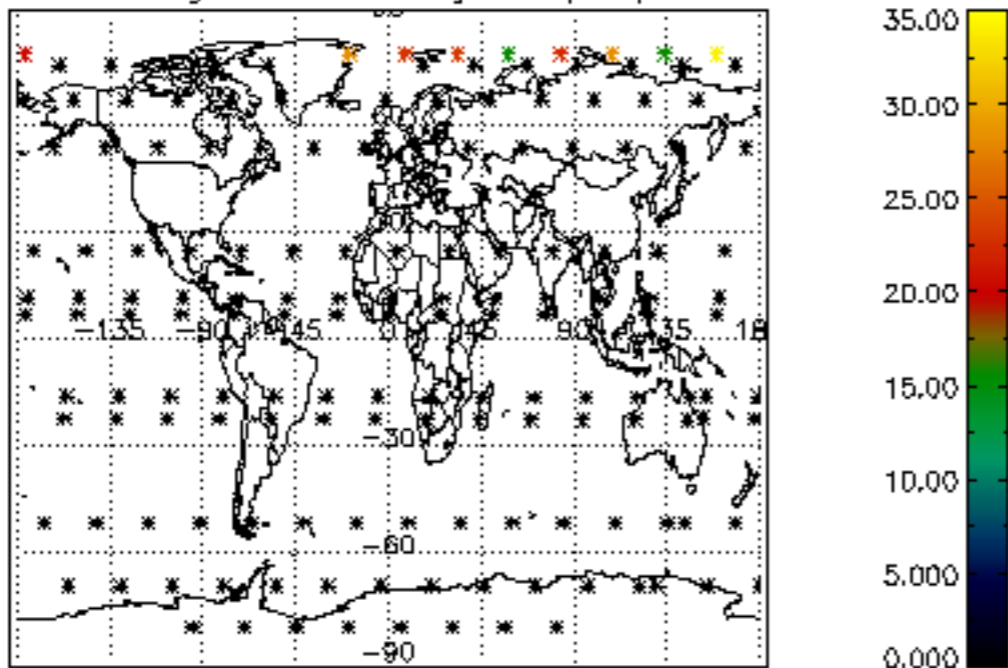
Percentage of star falling outside central band per profile



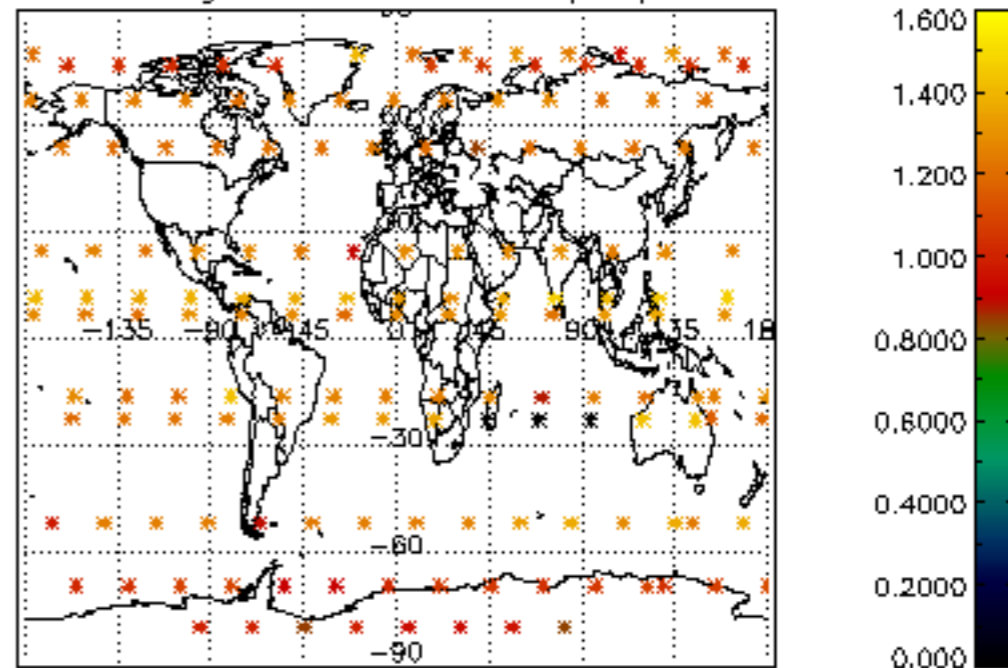
Percentage of saturation errors per profile



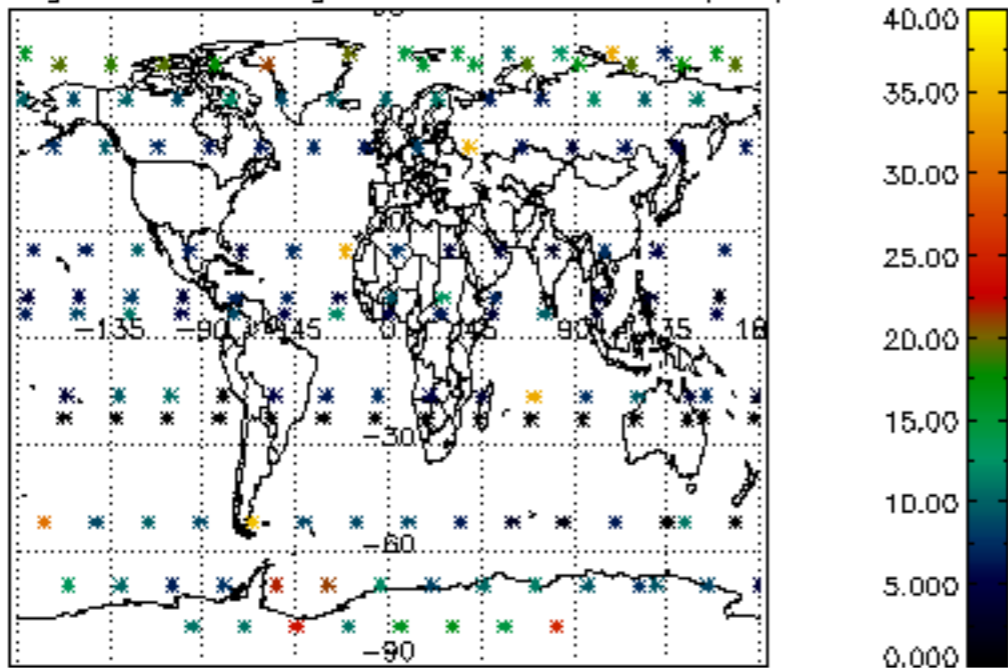
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

