

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

[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 09:30:06
Data source version	GOMOS/6.01
Start time of products	09-04-2010 (09APR2010 00:00:00)
Stop time of products	10-04-2010 (10APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	284
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__2PRFIN20100409_000029_000000382088_00245_42383_3430.N1	09-APR-2010 00:00:29	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42383	No
2	GOM_NL__2PRFIN20100409_001020_000000392088_00245_42383_3431.N1	09-APR-2010 00:10:20	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42383	No
3	GOM_NL__2PRFIN20100409_001534_000000472088_00245_42383_3432.N1	09-APR-2010 00:15:34	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	42383	No
4	GOM_NL__2PRFIN20100409_001933_000000482088_00245_42383_3433.N1	09-APR-2010 00:19:33	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	42383	No
5	GOM_NL__2PRFIN20100409_002629_000000492088_00245_42383_3434.N1	09-APR-2010 00:26:29	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42383	No
6	GOM_NL__2PRFIN20100409_003117_000000452088_00245_42383_3435.N1	09-APR-2010 00:31:17	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42383	No
7	GOM_NL__2PRFIN20100409_003346_000000432088_00245_42383_3436.N1	09-APR-2010 00:33:46	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42383	No
8	GOM_NL__2PRFIN20100409_005304_000000552088_00246_42384_3426.N1	09-APR-2010 00:53:04	Dark	55.000	40	The Sco	1.8590	7100.0	110	42384	No
9	GOM_NL__2PRFIN20100409_010107_000000462088_00246_42384_3427.N1	09-APR-2010 01:01:07	Straylight	45.500	78	Alp Lup	2.3040	28000.	91	42384	No
10	GOM_NL__2PRFIN20100409_010244_000000482088_00246_42384_3428.N1	09-APR-2010 01:02:44	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	42384	No
11	GOM_NL__2PRFIN20100409_010516_000000522088_00246_42384_3429.N1	09-APR-2010 01:05:16	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42384	No
12	GOM_NL__2PRFIN20100409_011045_000000442088_00246_42384_3430.N1	09-APR-2010 01:10:45	Twilight	43.500	106	9Bet Crv	2.6480	5600.0	87	42384	No
13	GOM_NL__2PRFIN20100409_011248_000000422088_00246_42384_3431.N1	09-APR-2010 01:12:48	Twilight	41.500	163	7Del Crv	2.9450	11000.	83	42384	No
14	GOM_NL__2PRFIN20100409_011411_000000512088_00246_42384_3432.N1	09-APR-2010 01:14:11	Bright	51.000	15	67Alp Vir	0.97600	28000.	102	42384	No
15	GOM_NL__2PRFIN20100409_011718_000000412088_00246_42384_3433.N1	09-APR-2010 01:17:18	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42384	No
16	GOM_NL__2PRFIN20100409_012158_000000372088_00246_42384_3434.N1	09-APR-2010 01:21:58	Bright	36.500	62	94Bet Leo	2.1360	9700.0	73	42384	No
17	GOM_NL__2PRFIN20100409_012945_000000412088_00246_42384_3435.N1	09-APR-2010 01:29:45	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	42384	No
18	GOM_NL__2PRFIN20100409_013311_000000382088_00246_42384_3436.N1	09-APR-2010 01:33:11	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42384	No
19	GOM_NL__2PRFIN20100409_013439_000000402088_00246_42384_3437.N1	09-APR-2010 01:34:39	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42384	No
20	GOM_NL__2PRFIN20100409_014105_000000402088_00246_42384_3438.N1	09-APR-2010 01:41:05	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42384	No
21	GOM_NL__2PRFIN20100409_015055_000000392088_00246_42384_3439.N1	09-APR-2010 01:50:55	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42384	No
22	GOM_NL__2PRFIN20100409_015610_000000452088_00246_42384_3440.N1	09-APR-2010 01:56:10	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	42384	No
23	GOM_NL__2PRFIN20100409_020009_000000512088_00246_42384_3441.N1	09-APR-2010 02:00:09	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	42384	No
24	GOM_NL__2PRFIN20100409_020705_000000522088_00246_42384_3442.N1	09-APR-2010 02:07:05	Twilight	51.500	61	8Eps Peg	2.1000	3900.0	103	42384	No
25	GOM_NL__2PRFIN20100409_021154_000000462088_00246_42384_3443.N1	09-APR-2010 02:11:54	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42384	No
26	GOM_NL__2PRFIN20100409_021422_000000442088_00246_42384_3444.N1	09-APR-2010 02:14:22	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42384	No
27	GOM_NL__2PRFIN20100409_023341_000000562088_00247_42385_3434.N1	09-APR-2010 02:33:41	Dark	55.500	40	The Sco	1.8590	7100.0	111	42385	No
28	GOM_NL__2PRFIN20100409_024144_000000432088_00247_42385_3435.N1	09-APR-2010 02:41:44	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42385	No
29	GOM_NL__2PRFIN20100409_024321_000000442088_00247_42385_3436.N1	09-APR-2010 02:43:21	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42385	No
30	GOM_NL__2PRFIN20100409_024552_000000492088_00247_42385_3437.N1	09-APR-2010 02:45:52	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42385	No
31	GOM_NL__2PRFIN20100409_025121_000000452088_00247_42385_3438.N1	09-APR-2010 02:51:21	Twilight	44.500	106	9Bet Crv	2.6480	5600.0	89	42385	No
32	GOM_NL__2PRFIN20100409_025324_000000452088_00247_42385_3439.N1	09-APR-2010 02:53:24	Twilight	44.500	163	7Del Crv	2.9450	11000.	89	42385	No
33	GOM_NL__2PRFIN20100409_025447_000000542088_00247_42385_3440.N1	09-APR-2010 02:54:47	Bright	53.500	15	67Alp Vir	0.97600	28000.	107	42385	No
34	GOM_NL__2PRFIN20100409_025754_000000412088_00247_42385_3441.N1	09-APR-2010 02:57:54	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42385	No
35	GOM_NL__2PRFIN20100409_030234_000000382088_00247_42385_3442.N1	09-APR-2010 03:02:34	Bright	37.500	62	94Bet Leo	2.1360	9700.0	75	42385	No
36	GOM_NL__2PRFIN20100409_031021_000000392088_00247_42385_3443.N1	09-APR-2010 03:10:21	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42385	No
37	GOM_NL__2PRFIN20100409_031347_000000362088_00247_42385_3444.N1	09-APR-2010 03:13:47	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42385	No
38	GOM_NL__2PRFIN20100409_031514_000000392088_00247_42385_3445.N1	09-APR-2010 03:15:14	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42385	No
39	GOM_NL__2PRFIN20100409_032141_000000412088_00247_42385_3446.N1	09-APR-2010 03:21:41	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42385	No
40	GOM_NL__2PRFIN20100409_033131_000000372088_00247_42385_3447.N1	09-APR-2010 03:31:31	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	42385	No
41	GOM_NL__2PRFIN20100409_033646_000000482088_00247_42385_3448.N1	09-APR-2010 03:36:46	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42385	No
42	GOM_NL__2PRFIN20100409_034045_000000502088_00247_42385_3449.N1	09-APR-2010 03:40:45	Bright	49.500	92	53Eps Cyg	2.5000	4500.0	99	42385	No

43	GOM_NL__2PRFIN20100409_034741_000000472088_00247_42385_3450.N1	09-APR-2010 03:47:41	Twilight	47.000	61	8Eps Peg	2.1000	3900.0	94	42385	No
44	GOM_NL__2PRFIN20100409_035230_000000442088_00247_42385_3451.N1	09-APR-2010 03:52:30	Dark	43.500	154	22Bet Aqr	2.8990	5700.0	87	42385	No
45	GOM_NL__2PRFIN20100409_035459_000000432088_00247_42385_3452.N1	09-APR-2010 03:54:59	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42385	No
46	GOM_NL__2PRFIN20100409_041418_000000562088_00248_42386_3442.N1	09-APR-2010 04:14:18	Dark	56.000	40	The Sco	1.8590	7100.0	112	42386	No
47	GOM_NL__2PRFIN20100409_042220_000000462088_00248_42386_3443.N1	09-APR-2010 04:22:20	Straylight	45.500	78	Alp Lup	2.3040	28000.	91	42386	No
48	GOM_NL__2PRFIN20100409_042357_000000462088_00248_42386_3444.N1	09-APR-2010 04:23:57	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42386	No
49	GOM_NL__2PRFIN20100409_042628_000000502088_00248_42386_3445.N1	09-APR-2010 04:26:28	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42386	No
50	GOM_NL__2PRFIN20100409_043157_000000422088_00248_42386_3446.N1	09-APR-2010 04:31:57	Twilight	41.500	106	9Bet Crv	2.6480	5600.0	83	42386	No
51	GOM_NL__2PRFIN20100409_043400_000000422088_00248_42386_3447.N1	09-APR-2010 04:34:00	Twilight	42.000	163	7Del Crv	2.9450	11000.	84	42386	No
52	GOM_NL__2PRFIN20100409_043523_000000512088_00248_42386_3448.N1	09-APR-2010 04:35:23	Bright	51.000	15	67Alp Vir	0.97600	28000.	102	42386	No
53	GOM_NL__2PRFIN20100409_043830_000000422088_00248_42386_3449.N1	09-APR-2010 04:38:30	Bright	42.000	121	29Gam Vir	2.7400	7200.0	84	42386	No
54	GOM_NL__2PRFIN20100409_044310_000000362088_00248_42386_3450.N1	09-APR-2010 04:43:10	Bright	35.500	62	94Bet Leo	2.1360	9700.0	71	42386	No
55	GOM_NL__2PRFIN20100409_045056_000000422088_00248_42386_3451.N1	09-APR-2010 04:50:56	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	42386	No
56	GOM_NL__2PRFIN20100409_045423_000000372088_00248_42386_3452.N1	09-APR-2010 04:54:23	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42386	No
57	GOM_NL__2PRFIN20100409_045550_000000412088_00248_42386_3453.N1	09-APR-2010 04:55:50	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	42386	No
58	GOM_NL__2PRFIN20100409_050216_000000382088_00248_42386_3454.N1	09-APR-2010 05:02:16	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42386	No
59	GOM_NL__2PRFIN20100409_051207_000000392088_00248_42386_3455.N1	09-APR-2010 05:12:07	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42386	No
60	GOM_NL__2PRFIN20100409_051722_000000452088_00248_42386_3456.N1	09-APR-2010 05:17:22	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	42386	No
61	GOM_NL__2PRFIN20100409_052817_000000492088_00248_42386_3457.N1	09-APR-2010 05:28:17	Twilight	48.500	61	8Eps Peg	2.1000	3900.0	97	42386	No
62	GOM_NL__2PRFIN20100409_053306_000000482088_00248_42386_3458.N1	09-APR-2010 05:33:06	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42386	No
63	GOM_NL__2PRFIN20100409_053535_000000412088_00248_42386_3459.N1	09-APR-2010 05:35:35	Dark	40.500	142	49Del Cap	2.8500	8900.0	81	42386	No
64	GOM_NL__2PRFIN20100409_055455_000000542088_00249_42387_3450.N1	09-APR-2010 05:54:55	Dark	53.500	40	The Sco	1.8590	7100.0	107	42387	No
65	GOM_NL__2PRFIN20100409_060257_000000482088_00249_42387_3451.N1	09-APR-2010 06:02:57	Straylight	47.500	78	Alp Lup	2.3040	28000.	95	42387	No
66	GOM_NL__2PRFIN20100409_060433_000000492088_00249_42387_3452.N1	09-APR-2010 06:04:33	Straylight	48.500	81	Eta Cen	2.3560	28000.	97	42387	No
67	GOM_NL__2PRFIN20100409_060705_000000502088_00249_42387_3453.N1	09-APR-2010 06:07:05	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42387	No
68	GOM_NL__2PRFIN20100409_061233_000000432088_00249_42387_3454.N1	09-APR-2010 06:12:33	Twilight	42.500	106	9Bet Crv	2.6480	5600.0	85	42387	No
69	GOM_NL__2PRFIN20100409_061436_000000432088_00249_42387_3455.N1	09-APR-2010 06:14:36	Twilight	42.500	163	7Del Crv	2.9450	11000.	85	42387	No
70	GOM_NL__2PRFIN20100409_061559_000000502088_00249_42387_3456.N1	09-APR-2010 06:15:59	Bright	50.000	15	67Alp Vir	0.97600	28000.	100	42387	No
71	GOM_NL__2PRFIN20100409_061906_000000412088_00249_42387_3457.N1	09-APR-2010 06:19:06	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42387	No
72	GOM_NL__2PRFIN20100409_062346_000000372088_00249_42387_3458.N1	09-APR-2010 06:23:46	Bright	36.500	62	94Bet Leo	2.1360	9700.0	73	42387	No
73	GOM_NL__2PRFIN20100409_063132_000000392088_00249_42387_3459.N1	09-APR-2010 06:31:32	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42387	No
74	GOM_NL__2PRFIN20100409_063459_000000352088_00249_42387_3460.N1	09-APR-2010 06:34:59	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	42387	No
75	GOM_NL__2PRFIN20100409_063626_000000392088_00249_42387_3461.N1	09-APR-2010 06:36:26	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42387	No
76	GOM_NL__2PRFIN20100409_064252_000000572088_00249_42387_3462.N1	09-APR-2010 06:42:52	Bright	56.500	60	7Bet UMi	2.0810	3950.0	113	42387	No
77	GOM_NL__2PRFIN20100409_065243_000000392088_00249_42387_3463.N1	09-APR-2010 06:52:43	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42387	No
78	GOM_NL__2PRFIN20100409_065758_000000472088_00249_42387_3464.N1	09-APR-2010 06:57:58	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	42387	No
79	GOM_NL__2PRFIN20100409_070854_000000492088_00249_42387_3465.N1	09-APR-2010 07:08:54	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42387	No
80	GOM_NL__2PRFIN20100409_071343_000000462088_00249_42387_3466.N1	09-APR-2010 07:13:43	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42387	No
81	GOM_NL__2PRFIN20100409_071612_000000412088_00249_42387_3467.N1	09-APR-2010 07:16:12	Dark	40.500	142	49Del Cap	2.8500	8900.0	81	42387	No
82	GOM_NL__2PRFIN20100409_073533_000000522088_00250_42388_3458.N1	09-APR-2010 07:35:33	Dark	51.500	40	The Sco	1.8590	7100.0	103	42388	No
83	GOM_NL__2PRFIN20100409_074334_000000462088_00250_42388_3459.N1	09-APR-2010 07:43:34	Straylight	46.000	78	Alp Lup	2.3040	28000.	92	42388	No
84	GOM_NL__2PRFIN20100409_074510_000000472088_00250_42388_3460.N1	09-APR-2010 07:45:10	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42388	No
85	GOM_NL__2PRFIN20100409_074741_000000492088_00250_42388_3461.N1	09-APR-2010 07:47:41	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42388	No
86	GOM_NL__2PRFIN20100409_075309_000000422088_00250_42388_3462.N1	09-APR-2010 07:53:09	Twilight	41.500	106	9Bet Crv	2.6480	5600.0	83	42388	No
87	GOM_NL__2PRFIN20100409_075512_000000432088_00250_42388_3463.N1	09-APR-2010 07:55:12	Twilight	43.000	163	7Del Crv	2.9450	11000.	86	42388	No
88	GOM_NL__2PRFIN20100409_075635_000000542088_00250_42388_3464.N1	09-APR-2010 07:56:35	Bright	53.500	15	67Alp Vir	0.97600	28000.	107	42388	No
89	GOM_NL__2PRFIN20100409_075942_000000412088_00250_42388_3465.N1	09-APR-2010 07:59:42	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42388	No
90	GOM_NL__2PRFIN20100409_080347_000000442088_00250_42388_3466.N1	09-APR-2010 08:03:47	Bright	43.500	138	47Eps Vir	2.8280	4700.0	87	42388	No
91	GOM_NL__2PRFIN20100409_081208_000000412088_00250_42388_3467.N1	09-APR-2010 08:12:08	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	42388	No
92	GOM_NL__2PRFIN20100409_081534_000000382088_00250_42388_3468.N1	09-APR-2010 08:15:34	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	42388	No
93	GOM_NL__2PRFIN20100409_081702_000000402088_00250_42388_3469.N1	09-APR-2010 08:17:02	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42388	No
94	GOM_NL__2PRFIN20100409_082328_000000372088_00250_42388_3470.N1	09-APR-2010 08:23:28	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42388	No
95	GOM_NL__2PRFIN20100409_083319_000000432088_00250_42388_3471.N1	09-APR-2010 08:33:19	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42388	No
96	GOM_NL__2PRFIN20100409_083833_000000432088_00250_42388_3472.N1	09-APR-2010 08:38:33	Bright	42.500	19	50Alp Cyg	1.2460	10500.	85	42388	No
97	GOM_NL__2PRFIN20100409_084233_000000472088_00250_42388_3473.N1	09-APR-2010 08:42:33	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	42388	No
98	GOM_NL__2PRFIN20100409_084930_000000522088_00250_42388_3474.N1	09-APR-2010 08:49:30	Twilight	52.000	61	8Eps Peg	2.1000	3900.0	104	42388	No
99	GOM_NL__2PRFIN20100409_085158_000000452088_00250_42388_3475.N1	09-APR-2010 08:51:58	Twilight	44.500	162	34Alp Aqr	2.9440	5350.0	89	42388	No
100	GOM_NL__2PRFIN20100409_085419_000000452088_00250_42388_3476.N1	09-APR-2010 08:54:19	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42388	No
101	GOM_NL__2PRFIN20100409_085648_000000442088_00250_42388_3477.N1	09-APR-2010 08:56:48	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42388	No

102	GOM_NL__2PRFIN20100409_091610_000000562088_00251_42389_3466.N1	09-APR-2010 09:16:10	Dark	56.000	40	The Sco	1.8590	7100.0	112	42389	No
103	GOM_NL__2PRFIN20100409_092410_000000442088_00251_42389_3467.N1	09-APR-2010 09:24:10	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42389	No
104	GOM_NL__2PRFIN20100409_092547_000000462088_00251_42389_3468.N1	09-APR-2010 09:25:47	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42389	No
105	GOM_NL__2PRFIN20100409_092817_000000482088_00251_42389_3469.N1	09-APR-2010 09:28:17	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42389	No
106	GOM_NL__2PRFIN20100409_093345_000000432088_00251_42389_3470.N1	09-APR-2010 09:33:45	Twi_and_stray	42.500	106	9Bet Crv	2.6480	5600.0	85	42389	No
107	GOM_NL__2PRFIN20100409_093548_000000442088_00251_42389_3471.N1	09-APR-2010 09:35:48	Twi_and_stray	44.000	163	7Del Crv	2.9450	11000.	88	42389	No
108	GOM_NL__2PRFIN20100409_093711_000000502088_00251_42389_3472.N1	09-APR-2010 09:37:11	Bright	49.500	15	67Alp Vir	0.97600	28000.	99	42389	No
109	GOM_NL__2PRFIN20100409_094018_000000412088_00251_42389_3473.N1	09-APR-2010 09:40:18	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42389	No
110	GOM_NL__2PRFIN20100409_094423_000000612088_00251_42389_3474.N1	09-APR-2010 09:44:23	Bright	61.000	138	47Eps Vir	2.8280	4700.0	122	42389	No
111	GOM_NL__2PRFIN20100409_095243_000000402088_00251_42389_3475.N1	09-APR-2010 09:52:43	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42389	No
112	GOM_NL__2PRFIN20100409_095610_000000382088_00251_42389_3476.N1	09-APR-2010 09:56:10	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	42389	No
113	GOM_NL__2PRFIN20100409_095737_000000382088_00251_42389_3477.N1	09-APR-2010 09:57:37	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	42389	No
114	GOM_NL__2PRFIN20100409_100403_000000422088_00251_42389_3478.N1	09-APR-2010 10:04:03	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42389	No
115	GOM_NL__2PRFIN20100409_101355_000000362088_00251_42389_3479.N1	09-APR-2010 10:13:55	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	42389	No
116	GOM_NL__2PRFIN20100409_101909_000000462088_00251_42389_3480.N1	09-APR-2010 10:19:09	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	42389	No
117	GOM_NL__2PRFIN20100409_102309_000000582088_00251_42389_3481.N1	09-APR-2010 10:23:09	Bright	57.500	92	53Eps Cyg	2.5000	4500.0	115	42389	No
118	GOM_NL__2PRFIN20100409_103006_000000502088_00251_42389_3482.N1	09-APR-2010 10:30:06	Twi_and_stray	49.500	61	8Eps Peg	2.1000	3900.0	99	42389	No
119	GOM_NL__2PRFIN20100409_103235_000000442088_00251_42389_3483.N1	09-APR-2010 10:32:35	Twilight	44.000	162	34Alp Aqr	2.9440	5350.0	88	42389	No
120	GOM_NL__2PRFIN20100409_103456_000000472088_00251_42389_3484.N1	09-APR-2010 10:34:56	Dark	47.000	154	22Bet Aqr	2.8990	5700.0	94	42389	No
121	GOM_NL__2PRFIN20100409_103724_000000412088_00251_42389_3485.N1	09-APR-2010 10:37:24	Dark	41.000	142	49Del Cap	2.8500	8900.0	82	42389	No
122	GOM_NL__2PRFIN20100409_105647_000000562088_00252_42390_3474.N1	09-APR-2010 10:56:47	Dark	55.500	40	The Sco	1.8590	7100.0	111	42390	No
123	GOM_NL__2PRFIN20100409_110446_000000432088_00252_42390_3475.N1	09-APR-2010 11:04:46	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42390	No
124	GOM_NL__2PRFIN20100409_110623_000000462088_00252_42390_3476.N1	09-APR-2010 11:06:23	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42390	No
125	GOM_NL__2PRFIN20100409_110854_000000502088_00252_42390_3477.N1	09-APR-2010 11:08:54	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42390	No
126	GOM_NL__2PRFIN20100409_111421_000000442088_00252_42390_3478.N1	09-APR-2010 11:14:21	Twi_and_stray	43.500	106	9Bet Crv	2.6480	5600.0	87	42390	No
127	GOM_NL__2PRFIN20100409_111624_000000422088_00252_42390_3479.N1	09-APR-2010 11:16:24	Twi_and_stray	41.500	163	7Del Crv	2.9450	11000.	83	42390	No
128	GOM_NL__2PRFIN20100409_111747_000000522088_00252_42390_3480.N1	09-APR-2010 11:17:47	Bright	52.000	15	67Alp Vir	0.97600	28000.	104	42390	No
129	GOM_NL__2PRFIN20100409_112054_000000402088_00252_42390_3481.N1	09-APR-2010 11:20:54	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42390	No
130	GOM_NL__2PRFIN20100409_112459_000000432088_00252_42390_3482.N1	09-APR-2010 11:24:59	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	42390	No
131	GOM_NL__2PRFIN20100409_113318_000000402088_00252_42390_3483.N1	09-APR-2010 11:33:18	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42390	No
132	GOM_NL__2PRFIN20100409_113646_000000382088_00252_42390_3484.N1	09-APR-2010 11:36:46	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42390	No
133	GOM_NL__2PRFIN20100409_113812_000000412088_00252_42390_3485.N1	09-APR-2010 11:38:12	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	42390	No
134	GOM_NL__2PRFIN20100409_114439_000000362088_00252_42390_3486.N1	09-APR-2010 11:44:39	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	42390	No
135	GOM_NL__2PRFIN20100409_115430_000000392088_00252_42390_3487.N1	09-APR-2010 11:54:30	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42390	No
136	GOM_NL__2PRFIN20100409_115945_000000472088_00252_42390_3488.N1	09-APR-2010 11:59:45	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	42390	No
137	GOM_NL__2PRFIN20100409_120345_000000512088_00252_42390_3489.N1	09-APR-2010 12:03:45	Bright	51.000	92	53Eps Cyg	2.5000	4500.0	102	42390	No
138	GOM_NL__2PRFIN20100409_121043_000000512088_00252_42390_3490.N1	09-APR-2010 12:10:43	Twi_and_stray	51.000	61	8Eps Peg	2.1000	3900.0	102	42390	No
139	GOM_NL__2PRFIN20100409_121311_000000432088_00252_42390_3491.N1	09-APR-2010 12:13:11	Twilight	43.000	162	34Alp Aqr	2.9440	5350.0	86	42390	No
140	GOM_NL__2PRFIN20100409_121532_000000452088_00252_42390_3492.N1	09-APR-2010 12:15:32	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42390	No
141	GOM_NL__2PRFIN20100409_121801_000000442088_00252_42390_3493.N1	09-APR-2010 12:18:01	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42390	No
142	GOM_NL__2PRFIN20100409_123723_000000612088_00253_42391_3482.N1	09-APR-2010 12:37:23	Dark	60.500	40	The Sco	1.8590	7100.0	121	42391	No
143	GOM_NL__2PRFIN20100409_124523_000000422088_00253_42391_3483.N1	09-APR-2010 12:45:23	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42391	No
144	GOM_NL__2PRFIN20100409_124659_000000452088_00253_42391_3484.N1	09-APR-2010 12:46:59	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42391	No
145	GOM_NL__2PRFIN20100409_124930_000000492088_00253_42391_3485.N1	09-APR-2010 12:49:30	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42391	No
146	GOM_NL__2PRFIN20100409_125458_000000422088_00253_42391_3486.N1	09-APR-2010 12:54:58	Twi_and_stray	41.500	106	9Bet Crv	2.6480	5600.0	83	42391	No
147	GOM_NL__2PRFIN20100409_125700_000000452088_00253_42391_3487.N1	09-APR-2010 12:57:00	Twi_and_stray	44.500	163	7Del Crv	2.9450	11000.	89	42391	No
148	GOM_NL__2PRFIN20100409_125823_000000502088_00253_42391_3488.N1	09-APR-2010 12:58:23	Bright	49.500	15	67Alp Vir	0.97600	28000.	99	42391	No
149	GOM_NL__2PRFIN20100409_130129_000000402088_00253_42391_3489.N1	09-APR-2010 13:01:29	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42391	No
150	GOM_NL__2PRFIN20100409_130534_000000432088_00253_42391_3490.N1	09-APR-2010 13:05:34	Bright	43.000	138	47Eps Vir	2.8280	4700.0	86	42391	No
151	GOM_NL__2PRFIN20100409_131354_000000412088_00253_42391_3491.N1	09-APR-2010 13:13:54	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42391	No
152	GOM_NL__2PRFIN20100409_131722_000000372088_00253_42391_3492.N1	09-APR-2010 13:17:22	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42391	No
153	GOM_NL__2PRFIN20100409_131848_000000412088_00253_42391_3493.N1	09-APR-2010 13:18:48	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	42391	No
154	GOM_NL__2PRFIN20100409_132514_000000402088_00253_42391_3494.N1	09-APR-2010 13:25:14	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42391	No
155	GOM_NL__2PRFIN20100409_133506_000000562088_00253_42391_3495.N1	09-APR-2010 13:35:06	Bright	56.000	89	5Alp Cep	2.4510	8000.0	112	42391	No
156	GOM_NL__2PRFIN20100409_134021_000000472088_00253_42391_3496.N1	09-APR-2010 13:40:21	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	42391	No
157	GOM_NL__2PRFIN20100409_134421_000000482088_00253_42391_3497.N1	09-APR-2010 13:44:21	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	42391	No
158	GOM_NL__2PRFIN20100409_135118_000000532088_00253_42391_3498.N1	09-APR-2010 13:51:18	Twi_and_stray	53.000	61	8Eps Peg	2.1000	3900.0	106	42391	No
159	GOM_NL__2PRFIN20100409_135347_000000442088_00253_42391_3499.N1	09-APR-2010 13:53:47	Twilight	43.500	162	34Alp Aqr	2.9440	5350.0	87	42391	No
160	GOM_NL__2PRFIN20100409_135609_000000462088_00253_42391_3500.N1	09-APR-2010 13:56:09	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42391	No

161	GOM_NL__2PRFIN20100409_135837_000000422088_00253_42391_3501.N1	09-APR-2010 13:58:37	Dark	41.500	142	49Del Cap	2.8500	8900.0	83	42391	No
162	GOM_NL__2PRFIN20100409_141801_000000522088_00254_42392_3510.N1	09-APR-2010 14:18:01	Dark	52.000	40	The Sco	1.8590	7100.0	104	42392	No
163	GOM_NL__2PRFIN20100409_142559_000000442088_00254_42392_3511.N1	09-APR-2010 14:25:59	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42392	No
164	GOM_NL__2PRFIN20100409_142735_000000472088_00254_42392_3512.N1	09-APR-2010 14:27:35	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42392	No
165	GOM_NL__2PRFIN20100409_143006_000000512088_00254_42392_3513.N1	09-APR-2010 14:30:06	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	42392	No
166	GOM_NL__2PRFIN20100409_143533_000000462088_00254_42392_3514.N1	09-APR-2010 14:35:33	Tw_i_and_stray	46.000	106	9Bet Crv	2.6480	5600.0	92	42392	No
167	GOM_NL__2PRFIN20100409_143736_000000422088_00254_42392_3515.N1	09-APR-2010 14:37:36	Tw_i_and_stray	42.000	163	7Del Crv	2.9450	11000.	84	42392	No
168	GOM_NL__2PRFIN20100409_143859_000000502088_00254_42392_3516.N1	09-APR-2010 14:38:59	Bright	50.000	15	67Alp Vir	0.97600	28000.	100	42392	No
169	GOM_NL__2PRFIN20100409_144205_000000412088_00254_42392_3517.N1	09-APR-2010 14:42:05	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42392	No
170	GOM_NL__2PRFIN20100409_144610_000000432088_00254_42392_3518.N1	09-APR-2010 14:46:10	Bright	43.000	138	47Eps Vir	2.8280	4700.0	86	42392	No
171	GOM_NL__2PRFIN20100409_145430_000000392088_00254_42392_3519.N1	09-APR-2010 14:54:30	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42392	No
172	GOM_NL__2PRFIN20100409_145757_000000362088_00254_42392_3520.N1	09-APR-2010 14:57:57	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42392	No
173	GOM_NL__2PRFIN20100409_145924_000000432088_00254_42392_3521.N1	09-APR-2010 14:59:24	Bright	42.500	32	77Eps UMa	1.7630	11000.	85	42392	No
174	GOM_NL__2PRFIN20100409_150550_000000362088_00254_42392_3522.N1	09-APR-2010 15:05:50	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	42392	No
175	GOM_NL__2PRFIN20100409_151542_000000402088_00254_42392_3523.N1	09-APR-2010 15:15:42	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42392	No
176	GOM_NL__2PRFIN20100409_152057_000000492088_00254_42392_3524.N1	09-APR-2010 15:20:57	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	42392	No
177	GOM_NL__2PRFIN20100409_152457_000000482088_00254_42392_3525.N1	09-APR-2010 15:24:57	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	42392	No
178	GOM_NL__2PRFIN20100409_153155_000000492088_00254_42392_3526.N1	09-APR-2010 15:31:55	Tw_i_and_stray	48.500	61	8Eps Peg	2.1000	3900.0	97	42392	No
179	GOM_NL__2PRFIN20100409_153423_000000442088_00254_42392_3527.N1	09-APR-2010 15:34:23	Twilight	44.000	162	34Alp Aqr	2.9440	5350.0	88	42392	No
180	GOM_NL__2PRFIN20100409_153645_000000452088_00254_42392_3528.N1	09-APR-2010 15:36:45	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42392	No
181	GOM_NL__2PRFIN20100409_153914_000000422088_00254_42392_3529.N1	09-APR-2010 15:39:14	Dark	41.500	142	49Del Cap	2.8500	8900.0	83	42392	No
182	GOM_NL__2PRFIN20100409_155838_000000522088_00255_42393_3518.N1	09-APR-2010 15:58:38	Dark	51.500	40	The Sco	1.8590	7100.0	103	42393	No
183	GOM_NL__2PRFIN20100409_160635_000000432088_00255_42393_3519.N1	09-APR-2010 16:06:35	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42393	No
184	GOM_NL__2PRFIN20100409_160812_000000462088_00255_42393_3520.N1	09-APR-2010 16:08:12	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42393	No
185	GOM_NL__2PRFIN20100409_161043_000000472088_00255_42393_3521.N1	09-APR-2010 16:10:43	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42393	No
186	GOM_NL__2PRFIN20100409_161610_000000442088_00255_42393_3522.N1	09-APR-2010 16:16:10	Tw_i_and_stray	43.500	106	9Bet Crv	2.6480	5600.0	87	42393	No
187	GOM_NL__2PRFIN20100409_161813_000000412088_00255_42393_3523.N1	09-APR-2010 16:18:13	Tw_i_and_stray	41.000	163	7Del Crv	2.9450	11000.	82	42393	No
188	GOM_NL__2PRFIN20100409_161935_000000492088_00255_42393_3524.N1	09-APR-2010 16:19:35	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42393	No
189	GOM_NL__2PRFIN20100409_162241_000000402088_00255_42393_3525.N1	09-APR-2010 16:22:41	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42393	No
190	GOM_NL__2PRFIN20100409_162646_000000432088_00255_42393_3526.N1	09-APR-2010 16:26:46	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	42393	No
191	GOM_NL__2PRFIN20100409_163505_000000402088_00255_42393_3527.N1	09-APR-2010 16:35:05	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42393	No
192	GOM_NL__2PRFIN20100409_163833_000000382088_00255_42393_3528.N1	09-APR-2010 16:38:33	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42393	No
193	GOM_NL__2PRFIN20100409_163959_000000432088_00255_42393_3529.N1	09-APR-2010 16:39:59	Bright	42.500	32	77Eps UMa	1.7630	11000.	85	42393	No
194	GOM_NL__2PRFIN20100409_164625_000000412088_00255_42393_3530.N1	09-APR-2010 16:46:25	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42393	No
195	GOM_NL__2PRFIN20100409_165618_000000372088_00255_42393_3531.N1	09-APR-2010 16:56:18	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	42393	No
196	GOM_NL__2PRFIN20100409_170133_000000462088_00255_42393_3532.N1	09-APR-2010 17:01:33	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	42393	No
197	GOM_NL__2PRFIN20100409_170533_000000492088_00255_42393_3533.N1	09-APR-2010 17:05:33	Bright	49.000	92	53Eps Cyg	2.5000	4500.0	98	42393	No
198	GOM_NL__2PRFIN20100409_171231_000000502088_00255_42393_3534.N1	09-APR-2010 17:12:31	Tw_i_and_stray	49.500	61	8Eps Peg	2.1000	3900.0	99	42393	No
199	GOM_NL__2PRFIN20100409_171500_000000432088_00255_42393_3535.N1	09-APR-2010 17:15:00	Twilight	43.000	162	34Alp Aqr	2.9440	5350.0	86	42393	No
200	GOM_NL__2PRFIN20100409_171721_000000482088_00255_42393_3536.N1	09-APR-2010 17:17:21	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42393	No
201	GOM_NL__2PRFIN20100409_171950_000000432088_00255_42393_3537.N1	09-APR-2010 17:19:50	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42393	No
202	GOM_NL__2PRFIN20100409_173915_000000622088_00256_42394_3527.N1	09-APR-2010 17:39:15	Dark	61.500	40	The Sco	1.8590	7100.0	123	42394	No
203	GOM_NL__2PRFIN20100409_174712_000000442088_00256_42394_3528.N1	09-APR-2010 17:47:12	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42394	No
204	GOM_NL__2PRFIN20100409_174848_000000462088_00256_42394_3529.N1	09-APR-2010 17:48:48	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42394	No
205	GOM_NL__2PRFIN20100409_175119_000000512088_00256_42394_3530.N1	09-APR-2010 17:51:19	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	42394	No
206	GOM_NL__2PRFIN20100409_175646_000000452088_00256_42394_3531.N1	09-APR-2010 17:56:46	Tw_i_and_stray	44.500	106	9Bet Crv	2.6480	5600.0	89	42394	No
207	GOM_NL__2PRFIN20100409_175849_000000442088_00256_42394_3532.N1	09-APR-2010 17:58:49	Tw_i_and_stray	44.000	163	7Del Crv	2.9450	11000.	88	42394	No
208	GOM_NL__2PRFIN20100409_180011_000000492088_00256_42394_3533.N1	09-APR-2010 18:00:11	Bright	48.500	15	67Alp Vir	0.97600	28000.	97	42394	No
209	GOM_NL__2PRFIN20100409_180317_000000402088_00256_42394_3534.N1	09-APR-2010 18:03:17	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42394	No
210	GOM_NL__2PRFIN20100409_180722_000000432088_00256_42394_3535.N1	09-APR-2010 18:07:22	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	42394	No
211	GOM_NL__2PRFIN20100409_181540_000000412088_00256_42394_3536.N1	09-APR-2010 18:15:40	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42394	No
212	GOM_NL__2PRFIN20100409_181909_000000392088_00256_42394_3537.N1	09-APR-2010 18:19:09	Bright	39.000	87	64Gam UMa	2.4330	11000.	78	42394	No
213	GOM_NL__2PRFIN20100409_182035_000000382088_00256_42394_3538.N1	09-APR-2010 18:20:35	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	42394	No
214	GOM_NL__2PRFIN20100409_182701_000000382088_00256_42394_3539.N1	09-APR-2010 18:27:01	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42394	No
215	GOM_NL__2PRFIN20100409_183654_000000392088_00256_42394_3540.N1	09-APR-2010 18:36:54	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42394	No
216	GOM_NL__2PRFIN20100409_184208_000000452088_00256_42394_3541.N1	09-APR-2010 18:42:08	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	42394	No
217	GOM_NL__2PRFIN20100409_184352_000000522088_00256_42394_3542.N1	09-APR-2010 18:43:52	Bright	52.000	66	37Gam Cyg	2.2080	5900.0	104	42394	No
218	GOM_NL__2PRFIN20100409_184609_000000532088_00256_42394_3543.N1	09-APR-2010 18:46:09	Bright	52.500	92	53Eps Cyg	2.5000	4500.0	105	42394	No
219	GOM_NL__2PRFIN20100409_185307_000000482088_00256_42394_3544.N1	09-APR-2010 18:53:07	Tw_i_and_stray	48.000	61	8Eps Peg	2.1000	3900.0	96	42394	No

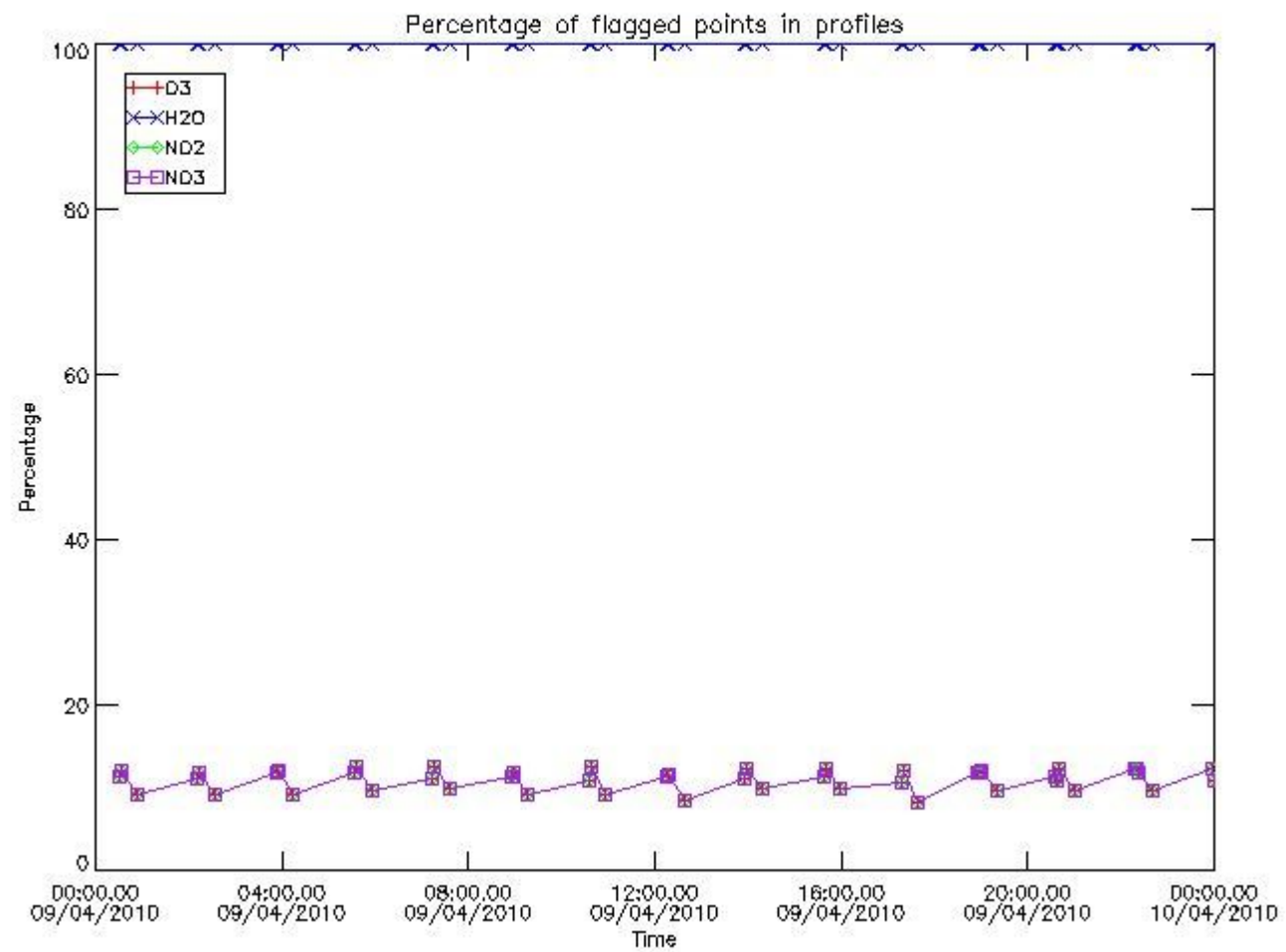
220	GOM_NL__2PRFIN20100409_185536_000000432088_00256_42394_3545.N1	09-APR-2010 18:55:36	Dark	43.000	162	34Alp Aqr	2.9440	5350.0	86	42394	No
221	GOM_NL__2PRFIN20100409_185758_000000472088_00256_42394_3546.N1	09-APR-2010 18:57:58	Dark	47.000	154	22Bet Aqr	2.8990	5700.0	94	42394	No
222	GOM_NL__2PRFIN20100409_190026_000000432088_00256_42394_3547.N1	09-APR-2010 19:00:26	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42394	No
223	GOM_NL__2PRFIN20100409_191952_000000532088_00257_42395_3535.N1	09-APR-2010 19:19:52	Dark	53.000	40	The Sco	1.8590	7100.0	106	42395	No
224	GOM_NL__2PRFIN20100409_192748_000000412088_00257_42395_3536.N1	09-APR-2010 19:27:48	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42395	No
225	GOM_NL__2PRFIN20100409_192925_000000442088_00257_42395_3537.N1	09-APR-2010 19:29:25	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42395	No
226	GOM_NL__2PRFIN20100409_193156_000000512088_00257_42395_3538.N1	09-APR-2010 19:31:56	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	42395	No
227	GOM_NL__2PRFIN20100409_193722_000000442088_00257_42395_3539.N1	09-APR-2010 19:37:22	Tw_i_and_stray	44.000	106	9Bet Crv	2.6480	5600.0	88	42395	No
228	GOM_NL__2PRFIN20100409_193925_000000422088_00257_42395_3540.N1	09-APR-2010 19:39:25	Tw_i_and_stray	41.500	163	7Del Crv	2.9450	11000.	83	42395	No
229	GOM_NL__2PRFIN20100409_194047_000000492088_00257_42395_3541.N1	09-APR-2010 19:40:47	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42395	No
230	GOM_NL__2PRFIN20100409_194353_000000402088_00257_42395_3542.N1	09-APR-2010 19:43:53	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42395	No
231	GOM_NL__2PRFIN20100409_194757_000000422088_00257_42395_3543.N1	09-APR-2010 19:47:57	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	42395	No
232	GOM_NL__2PRFIN20100409_195616_000000482088_00257_42395_3544.N1	09-APR-2010 19:56:16	Bright	47.500	152	12Alp2CVn	2.8900	11000.	95	42395	No
233	GOM_NL__2PRFIN20100409_195945_000000372088_00257_42395_3545.N1	09-APR-2010 19:59:45	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42395	No
234	GOM_NL__2PRFIN20100409_200111_000000412088_00257_42395_3546.N1	09-APR-2010 20:01:11	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	42395	No
235	GOM_NL__2PRFIN20100409_200737_000000372088_00257_42395_3547.N1	09-APR-2010 20:07:37	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42395	No
236	GOM_NL__2PRFIN20100409_201729_000000392088_00257_42395_3548.N1	09-APR-2010 20:17:29	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42395	No
237	GOM_NL__2PRFIN20100409_202244_000000452088_00257_42395_3549.N1	09-APR-2010 20:22:44	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	42395	No
238	GOM_NL__2PRFIN20100409_202428_000000502088_00257_42395_3550.N1	09-APR-2010 20:24:28	Bright	49.500	66	37Gam Cyg	2.2080	5900.0	99	42395	No
239	GOM_NL__2PRFIN20100409_202645_000000492088_00257_42395_3551.N1	09-APR-2010 20:26:45	Bright	49.000	92	53Eps Cyg	2.5000	4500.0	98	42395	No
240	GOM_NL__2PRFIN20100409_203344_000000482088_00257_42395_3552.N1	09-APR-2010 20:33:44	Tw_i_and_stray	47.500	61	8Eps Peg	2.1000	3900.0	95	42395	No
241	GOM_NL__2PRFIN20100409_203612_000000452088_00257_42395_3553.N1	09-APR-2010 20:36:12	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	42395	No
242	GOM_NL__2PRFIN20100409_203834_000000472088_00257_42395_3554.N1	09-APR-2010 20:38:34	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42395	No
243	GOM_NL__2PRFIN20100409_204102_000000422088_00257_42395_3555.N1	09-APR-2010 20:41:02	Dark	41.500	142	49Del Cap	2.8500	8900.0	83	42395	No
244	GOM_NL__2PRFIN20100409_210029_000000532088_00258_42396_3543.N1	09-APR-2010 21:00:29	Dark	52.500	40	The Sco	1.8590	7100.0	105	42396	No
245	GOM_NL__2PRFIN20100409_210825_000000442088_00258_42396_3544.N1	09-APR-2010 21:08:25	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42396	No
246	GOM_NL__2PRFIN20100409_211001_000000482088_00258_42396_3545.N1	09-APR-2010 21:10:01	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	42396	No
247	GOM_NL__2PRFIN20100409_211232_000000482088_00258_42396_3546.N1	09-APR-2010 21:12:32	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42396	No
248	GOM_NL__2PRFIN20100409_211758_000000432088_00258_42396_3547.N1	09-APR-2010 21:17:58	Tw_i_and_stray	43.000	106	9Bet Crv	2.6480	5600.0	86	42396	No
249	GOM_NL__2PRFIN20100409_212001_000000442088_00258_42396_3548.N1	09-APR-2010 21:20:01	Tw_i_and_stray	43.500	163	7Del Crv	2.9450	11000.	87	42396	No
250	GOM_NL__2PRFIN20100409_212123_000000462088_00258_42396_3549.N1	09-APR-2010 21:21:23	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	42396	No
251	GOM_NL__2PRFIN20100409_212429_000000412088_00258_42396_3550.N1	09-APR-2010 21:24:29	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42396	No
252	GOM_NL__2PRFIN20100409_212833_000000422088_00258_42396_3551.N1	09-APR-2010 21:28:33	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	42396	No
253	GOM_NL__2PRFIN20100409_213652_000000422088_00258_42396_3552.N1	09-APR-2010 21:36:52	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	42396	No
254	GOM_NL__2PRFIN20100409_214021_000000352088_00258_42396_3553.N1	09-APR-2010 21:40:21	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	42396	No
255	GOM_NL__2PRFIN20100409_214146_000000372088_00258_42396_3554.N1	09-APR-2010 21:41:46	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	42396	No
256	GOM_NL__2PRFIN20100409_214812_000000412088_00258_42396_3555.N1	09-APR-2010 21:48:12	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42396	No
257	GOM_NL__2PRFIN20100409_215805_000000382088_00258_42396_3556.N1	09-APR-2010 21:58:05	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	42396	No
258	GOM_NL__2PRFIN20100409_220320_000000462088_00258_42396_3557.N1	09-APR-2010 22:03:20	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	42396	No
259	GOM_NL__2PRFIN20100409_220503_000000692088_00258_42396_3558.N1	09-APR-2010 22:05:03	Bright	69.000	66	37Gam Cyg	2.2080	5900.0	138	42396	No
260	GOM_NL__2PRFIN20100409_220721_000000512088_00258_42396_3559.N1	09-APR-2010 22:07:21	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	42396	No
261	GOM_NL__2PRFIN20100409_221420_000000532088_00258_42396_3560.N1	09-APR-2010 22:14:20	Tw_i_and_stray	53.000	61	8Eps Peg	2.1000	3900.0	106	42396	No
262	GOM_NL__2PRFIN20100409_221649_000000422088_00258_42396_3561.N1	09-APR-2010 22:16:49	Dark	41.500	162	34Alp Aqr	2.9440	5350.0	83	42396	No
263	GOM_NL__2PRFIN20100409_221911_000000452088_00258_42396_3562.N1	09-APR-2010 22:19:11	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42396	No
264	GOM_NL__2PRFIN20100409_222139_000000432088_00258_42396_3563.N1	09-APR-2010 22:21:39	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42396	No
265	GOM_NL__2PRFIN20100409_224106_000000542088_00259_42397_3551.N1	09-APR-2010 22:41:06	Dark	53.500	40	The Sco	1.8590	7100.0	107	42397	No
266	GOM_NL__2PRFIN20100409_224901_000000462088_00259_42397_3552.N1	09-APR-2010 22:49:01	Straylight	46.000	78	Alp Lup	2.3040	28000.	92	42397	No
267	GOM_NL__2PRFIN20100409_225038_000000452088_00259_42397_3553.N1	09-APR-2010 22:50:38	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42397	No
268	GOM_NL__2PRFIN20100409_225308_000000502088_00259_42397_3554.N1	09-APR-2010 22:53:08	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42397	No
269	GOM_NL__2PRFIN20100409_225834_000000432088_00259_42397_3555.N1	09-APR-2010 22:58:34	Tw_i_and_stray	43.000	106	9Bet Crv	2.6480	5600.0	86	42397	No
270	GOM_NL__2PRFIN20100409_230037_000000432088_00259_42397_3556.N1	09-APR-2010 23:00:37	Tw_i_and_stray	43.000	163	7Del Crv	2.9450	11000.	86	42397	No
271	GOM_NL__2PRFIN20100409_230159_000000532088_00259_42397_3557.N1	09-APR-2010 23:01:59	Bright	52.500	15	67Alp Vir	0.97600	28000.	105	42397	No
272	GOM_NL__2PRFIN20100409_230504_000000402088_00259_42397_3558.N1	09-APR-2010 23:05:04	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42397	No
273	GOM_NL__2PRFIN20100409_230909_000000422088_00259_42397_3559.N1	09-APR-2010 23:09:09	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	42397	No
274	GOM_NL__2PRFIN20100409_231727_000000402088_00259_42397_3560.N1	09-APR-2010 23:17:27	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42397	No
275	GOM_NL__2PRFIN20100409_232056_000000362088_00259_42397_3561.N1	09-APR-2010 23:20:56	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42397	No
276	GOM_NL__2PRFIN20100409_232222_000000392088_00259_42397_3562.N1	09-APR-2010 23:22:22	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	42397	No
277	GOM_NL__2PRFIN20100409_232848_000000572088_00259_42397_3563.N1	09-APR-2010 23:28:48	Bright	57.000	60	7Bet UMi	2.0810	3950.0	114	42397	No
278	GOM_NL__2PRFIN20100409_233841_000000382088_00259_42397_3564.N1	09-APR-2010 23:38:41	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	42397	No

279	GOM_NL__2PRFIN20100409_234356_000000482088_00259_42397_3565.N1	09-APR-2010 23:43:56	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	42397	No
280	GOM_NL__2PRFIN20100409_234539_000000522088_00259_42397_3566.N1	09-APR-2010 23:45:39	Bright	51.500	66	37Gam Cyg	2.2080	5900.0	103	42397	No
281	GOM_NL__2PRFIN20100409_234757_000000512088_00259_42397_3567.N1	09-APR-2010 23:47:57	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	42397	No
282	GOM_NL__2PRFIN20100409_235456_000000492088_00259_42397_3568.N1	09-APR-2010 23:54:56	Twilight_stray	49.000	61	8Eps Peg	2.1000	3900.0	98	42397	No
283	GOM_NL__2PRFIN20100409_235725_000000462088_00259_42397_3569.N1	09-APR-2010 23:57:25	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42397	No
284	GOM_NL__2PRFIN20100409_235947_000000472088_00259_42397_3570.N1	09-APR-2010 23:59:47	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42397	No

3. Quality information per product

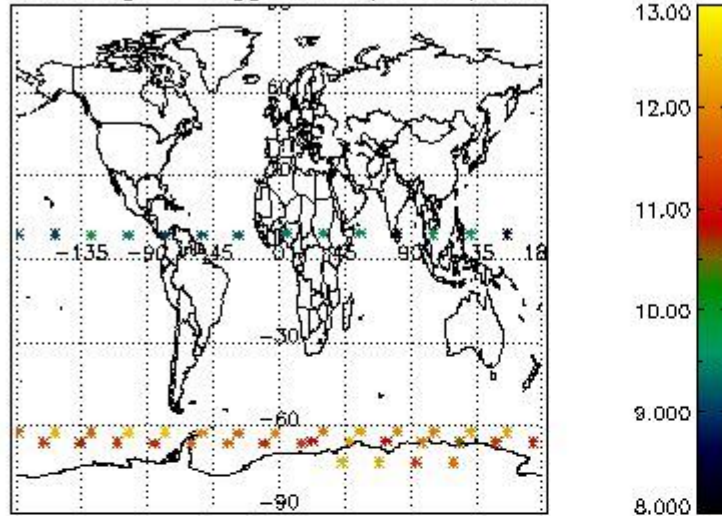
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

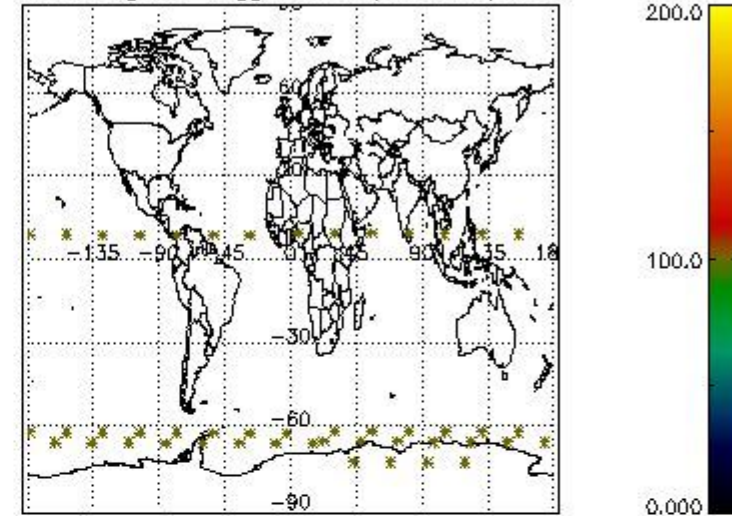


3.2 Plot quality information per product (world map)

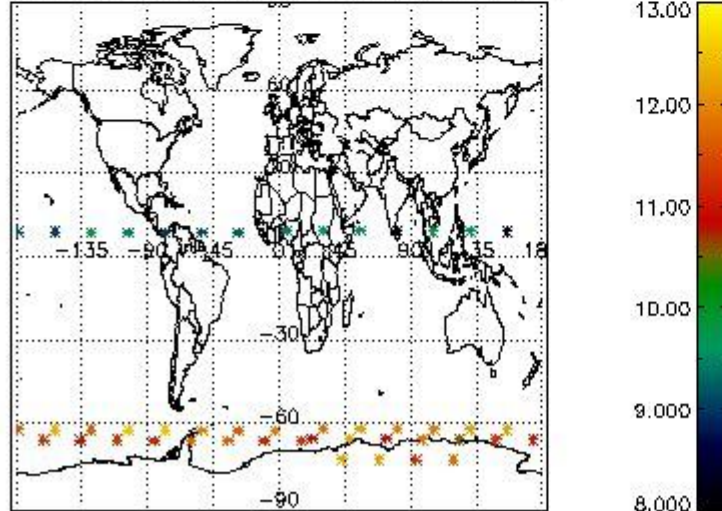
Percentage of flagged data per O3 profile



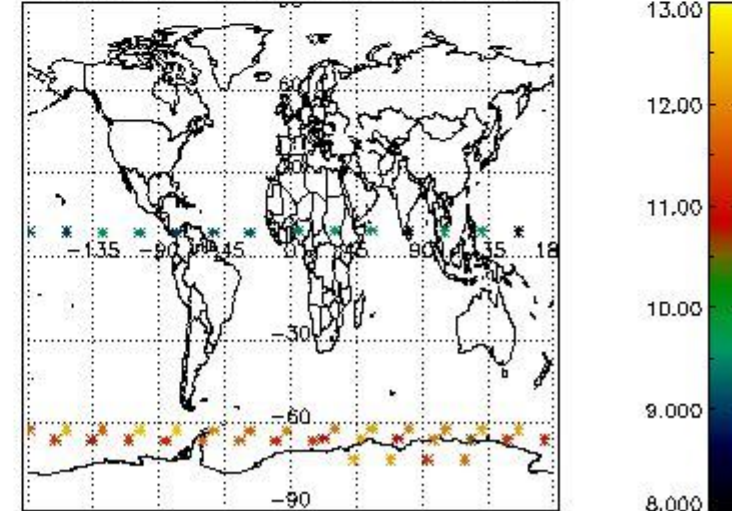
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

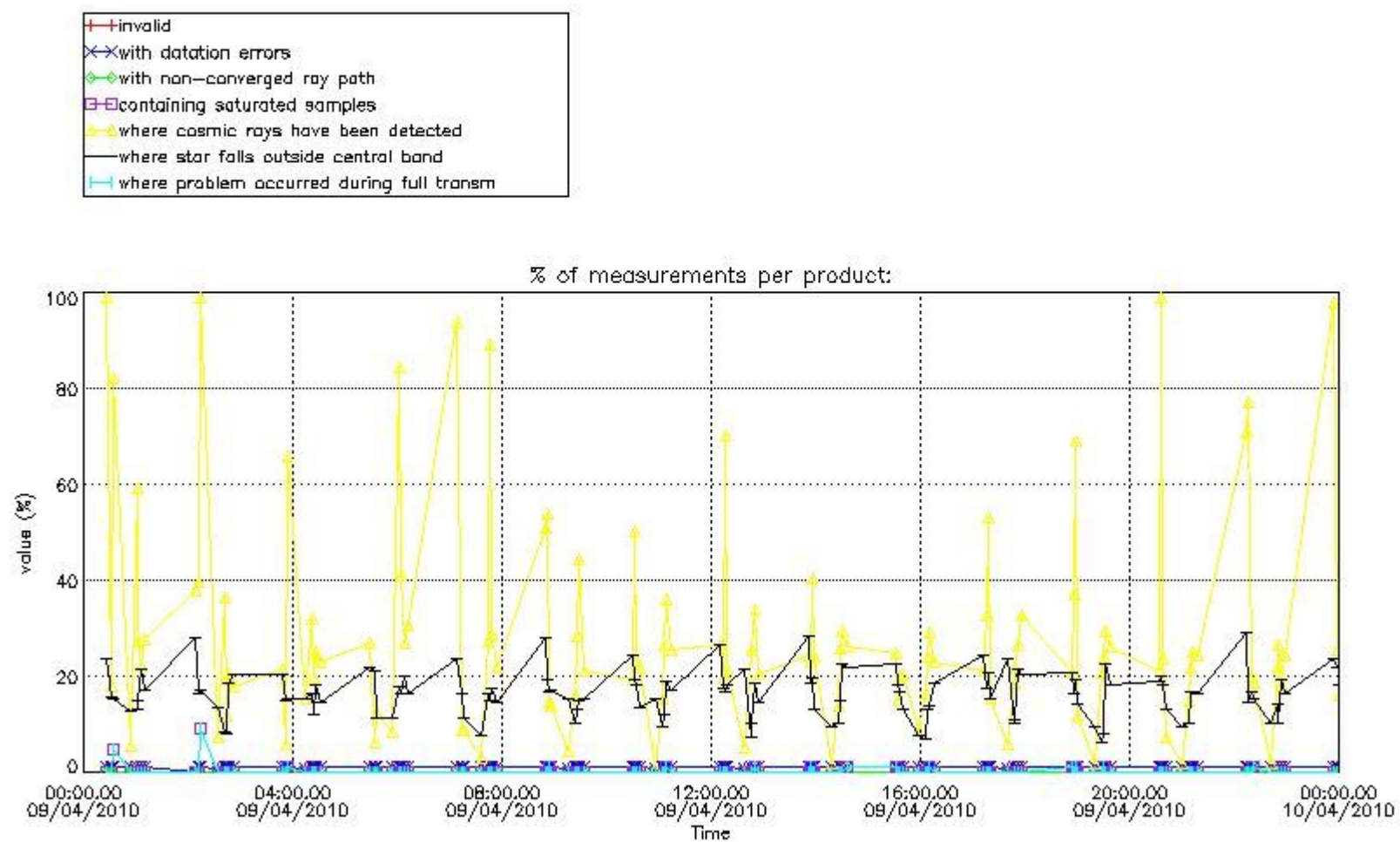


4. Level 1 quality information per product

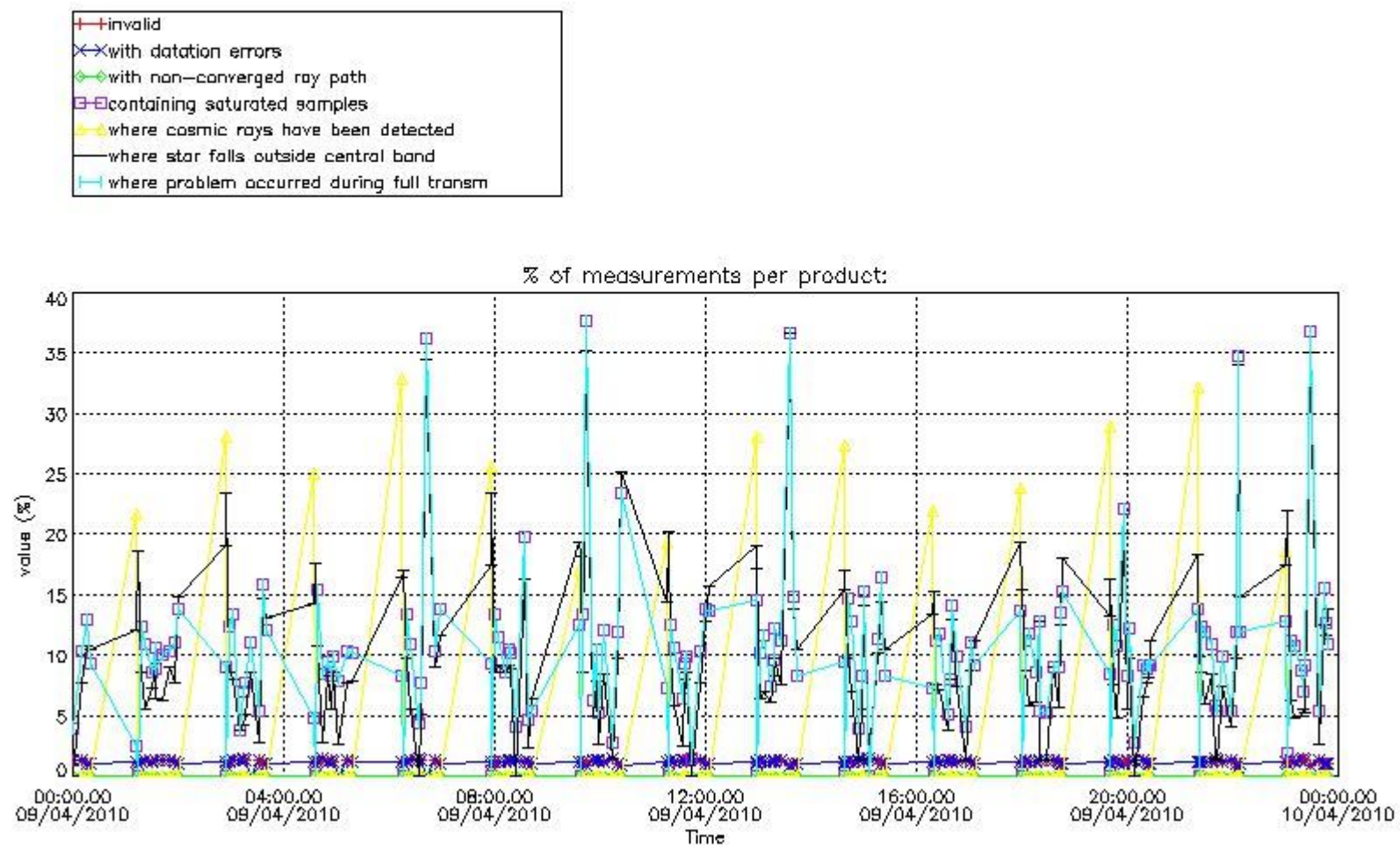
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

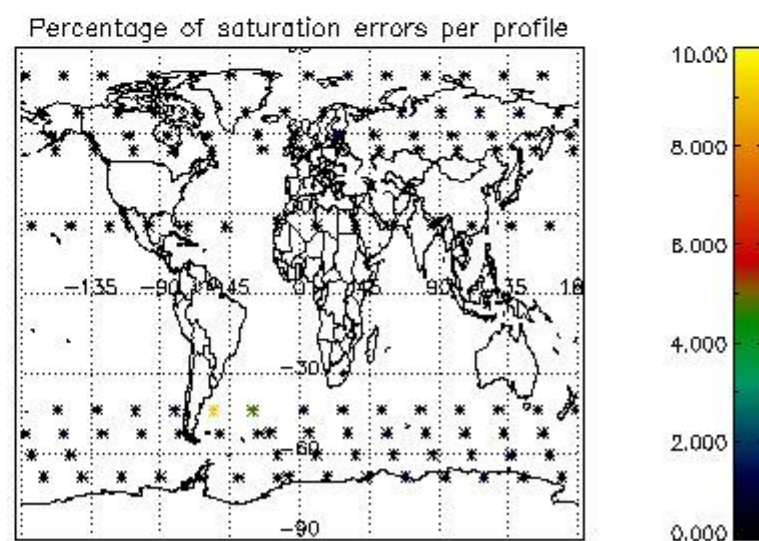
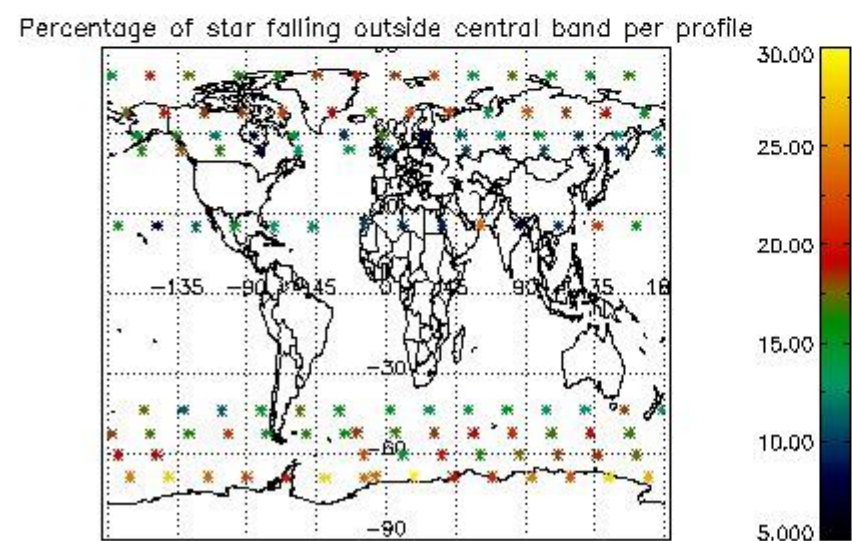
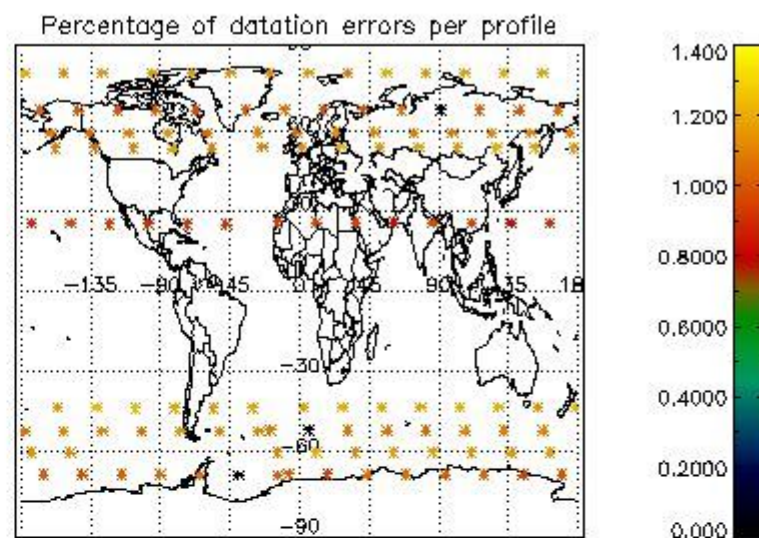
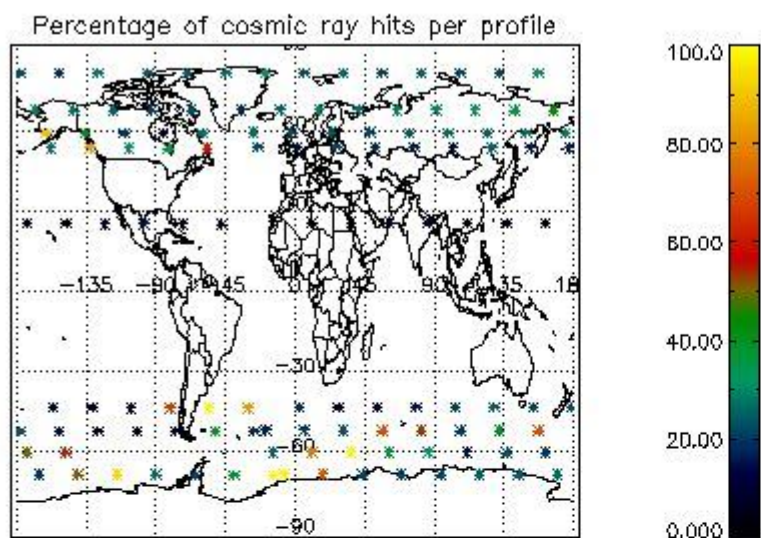


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

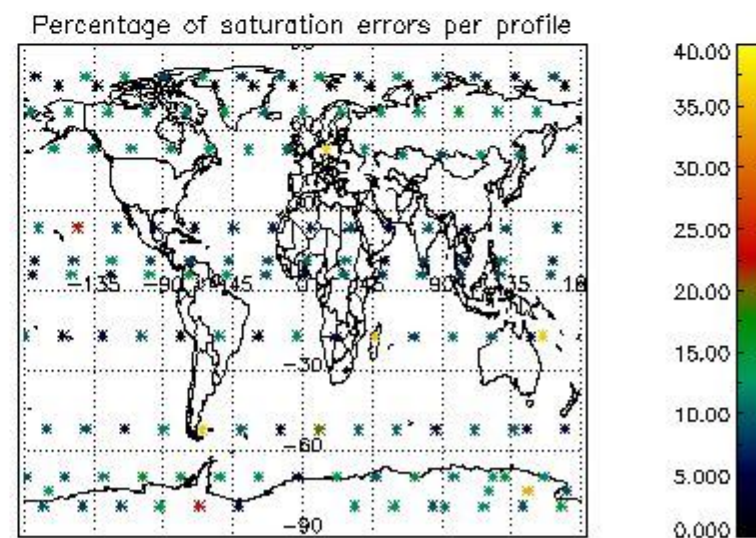
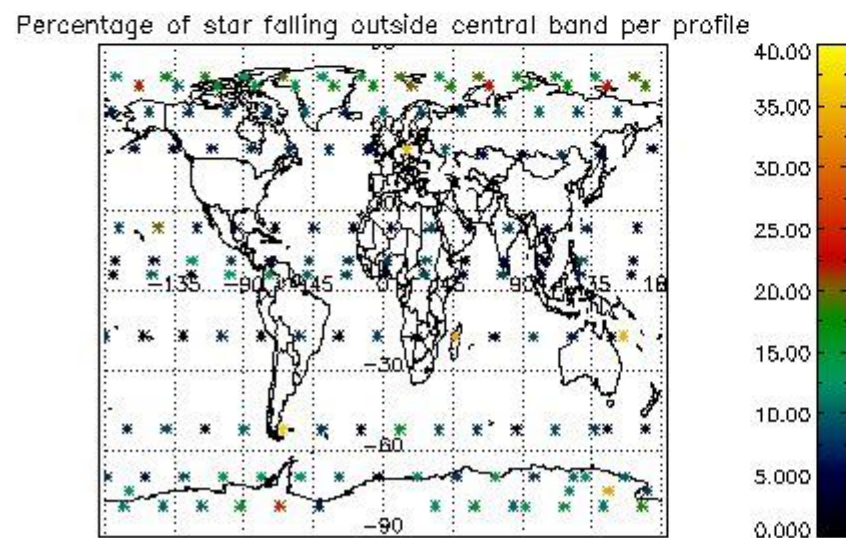
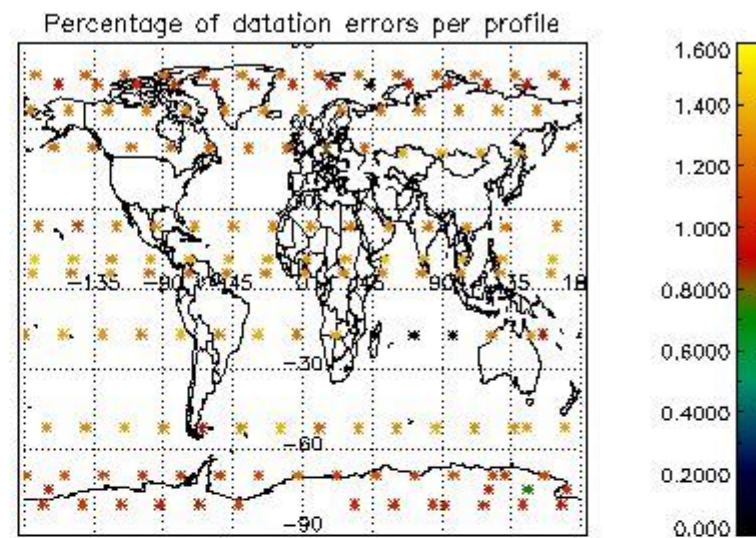
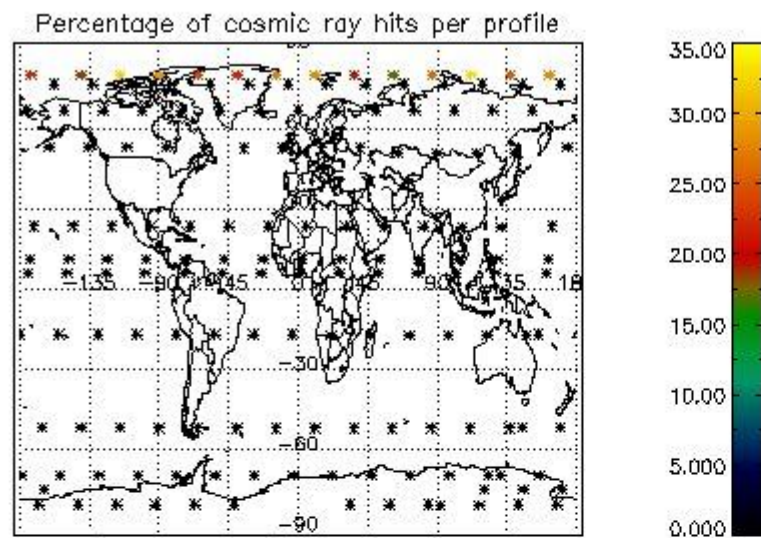


4.2 Plot quality information per product coming from level 1b processing (world map)

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

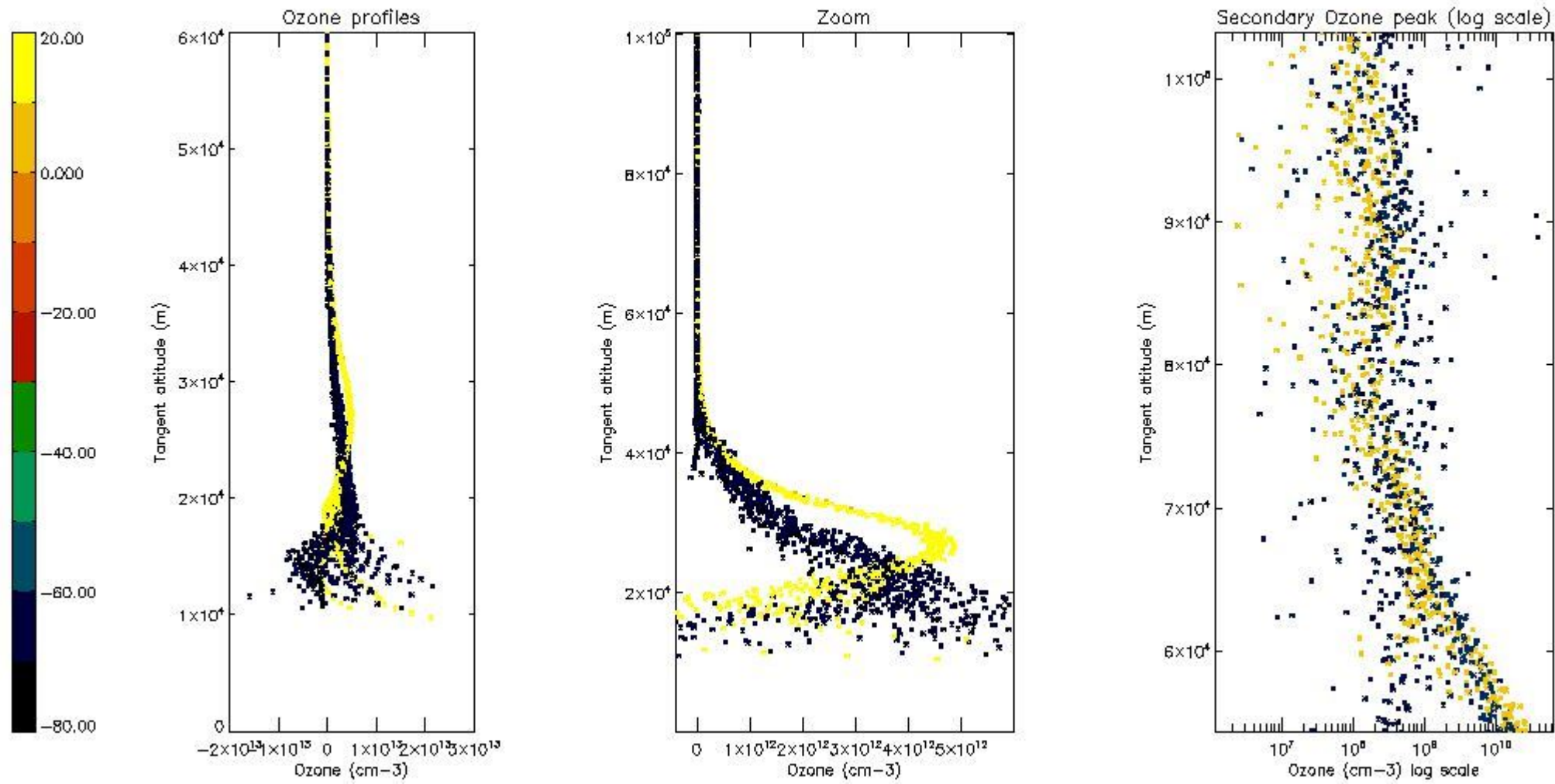
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	18
STD < 20	6

STD < 10	2
STD < 5	1

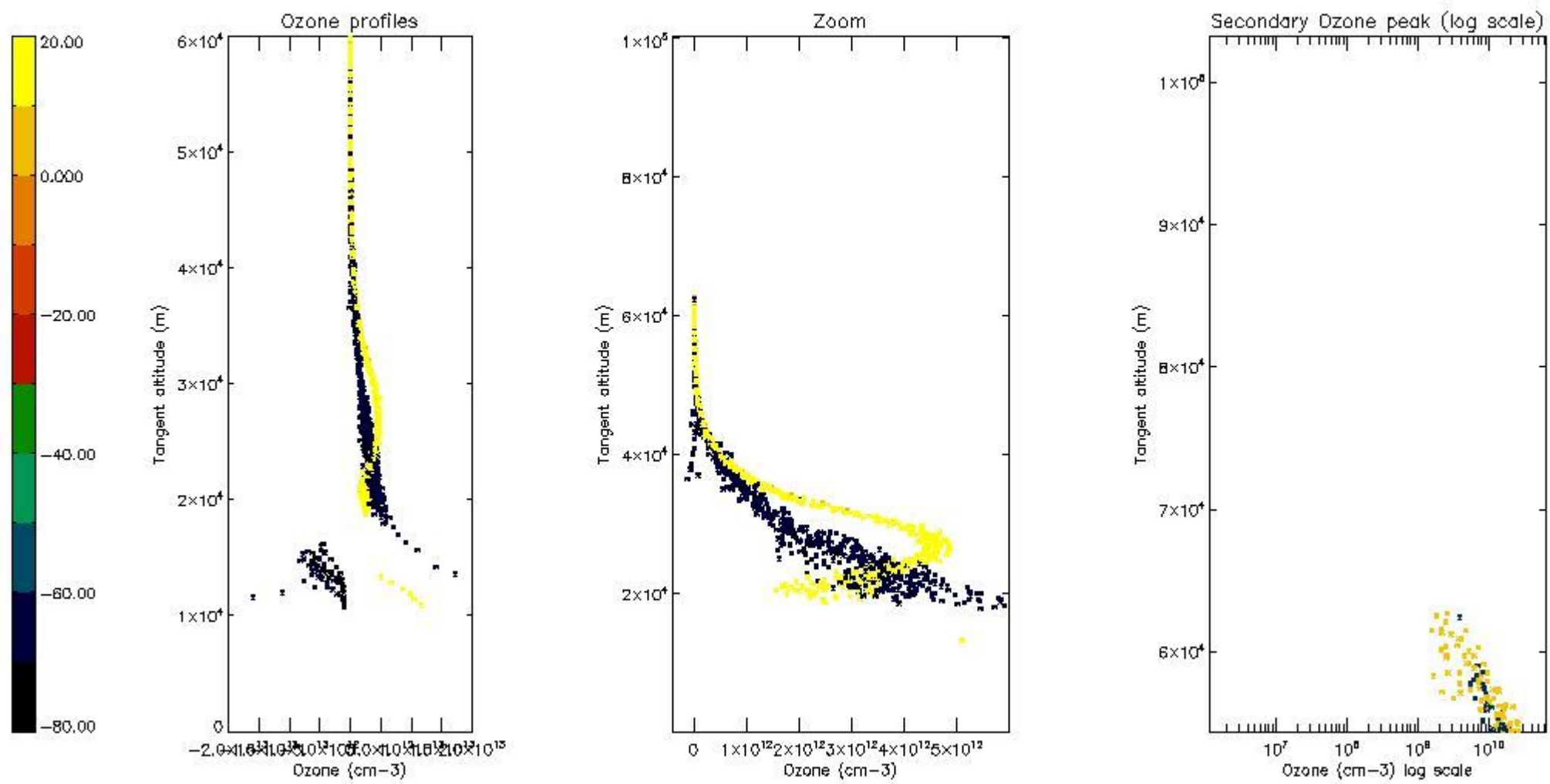
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



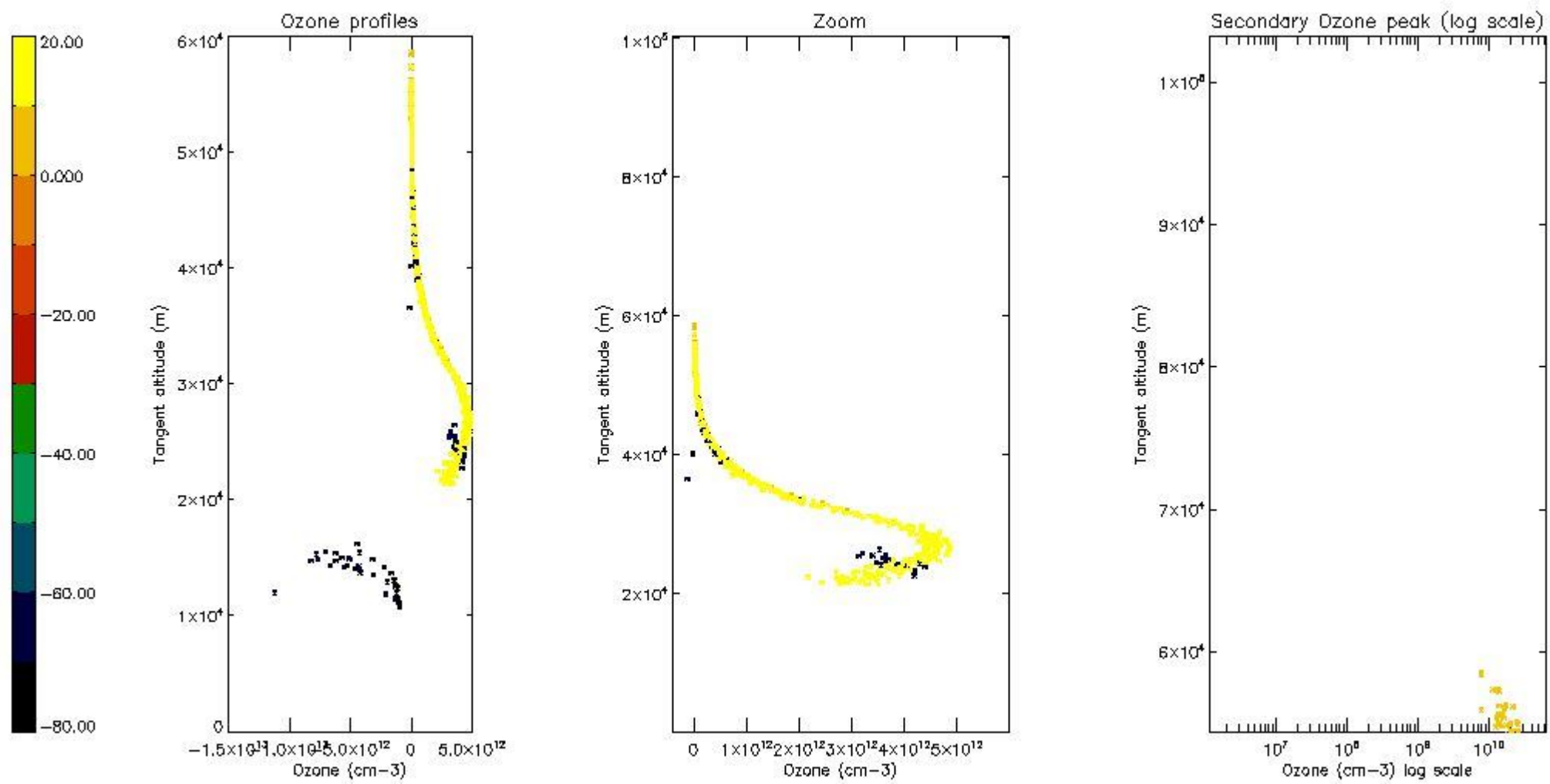
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



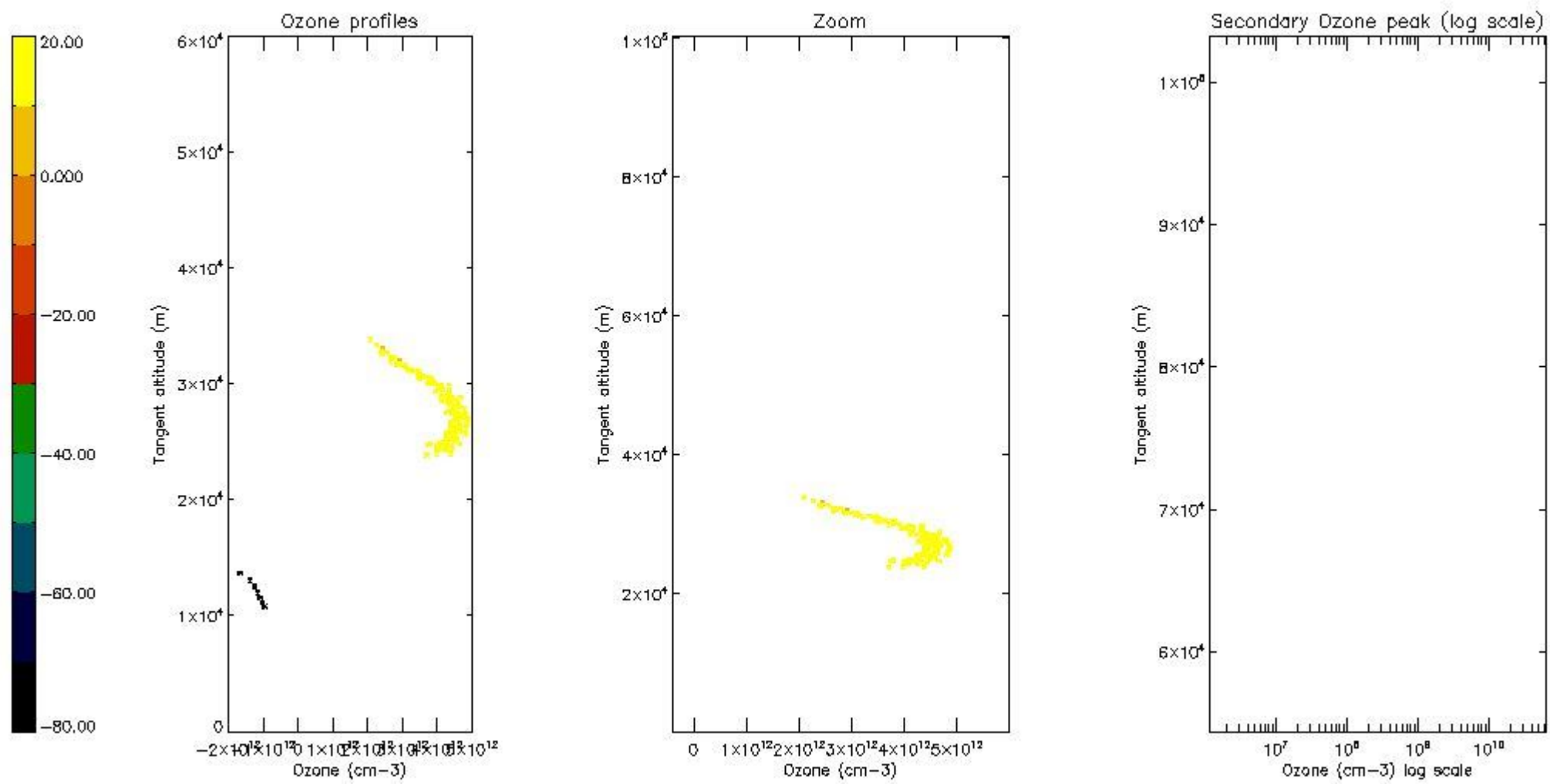
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



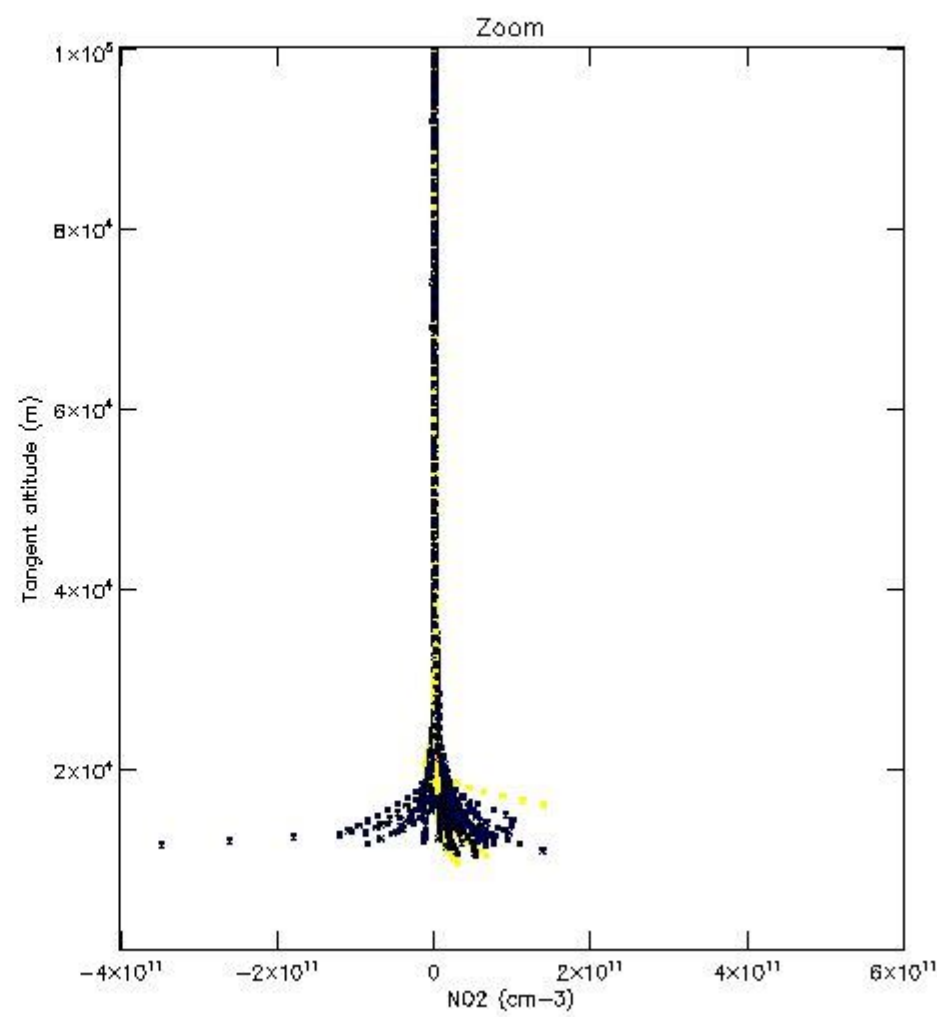
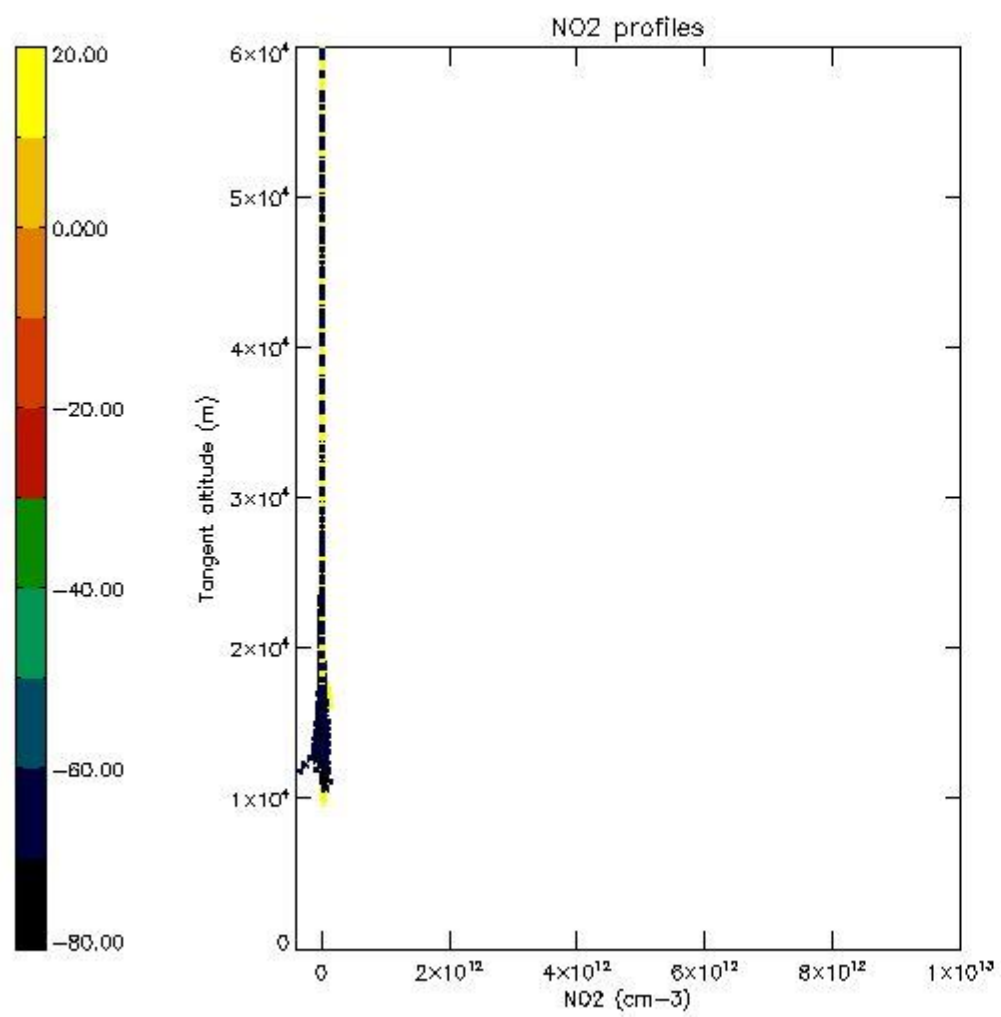
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



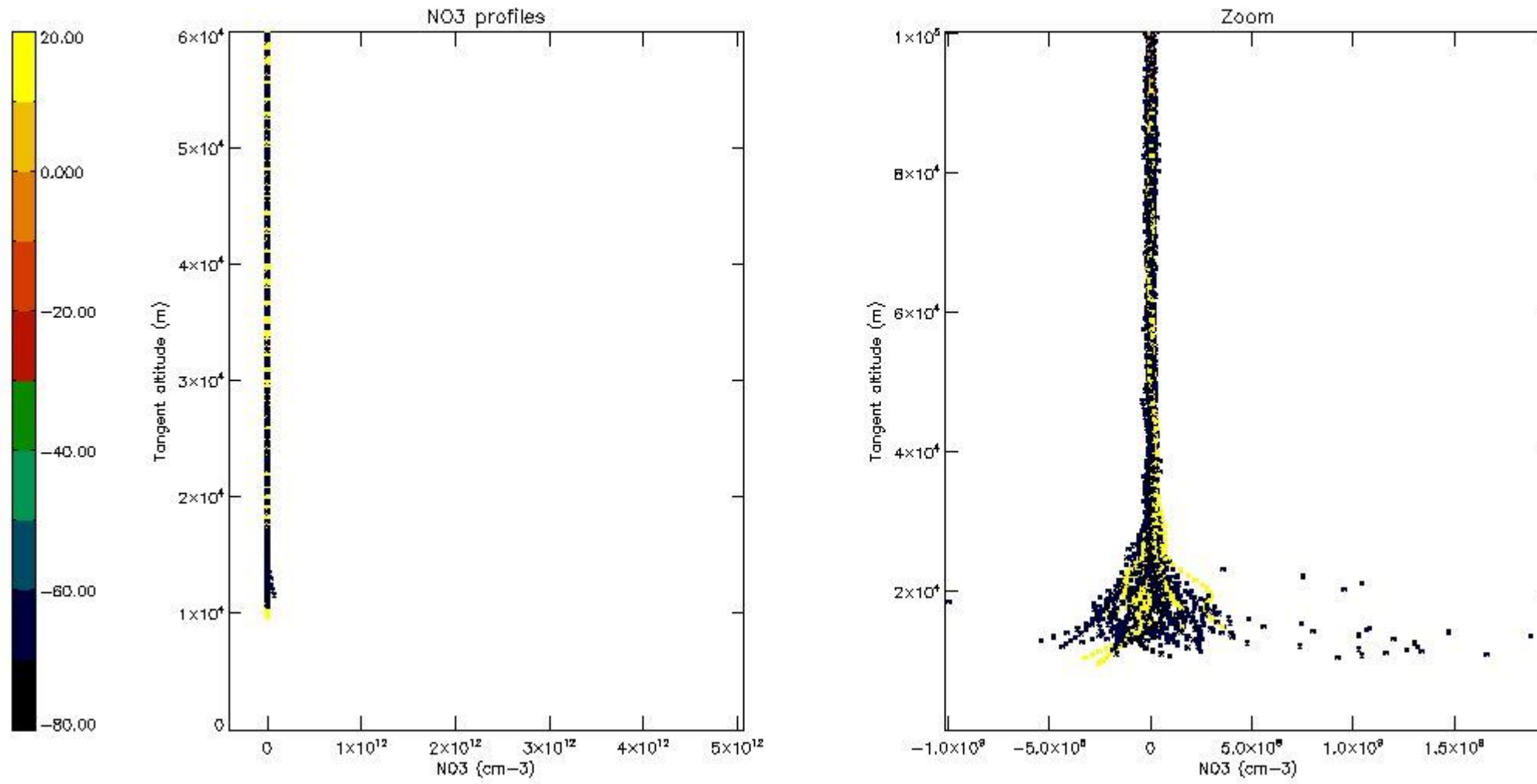
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-APR-2010 00:00:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-APR-2010 00:00:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-APR-2010 00:00:29

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

[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 09:30:06
Data source version	GOMOS/6.01
Start time of products	09-04-2010 (09APR2010 00:00:00)
Stop time of products	10-04-2010 (10APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	284
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__2PRFIN20100409_000029_000000382088_00245_42383_3430.N1	09-APR-2010 00:00:29	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42383	No
2	GOM_NL__2PRFIN20100409_001020_000000392088_00245_42383_3431.N1	09-APR-2010 00:10:20	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42383	No
3	GOM_NL__2PRFIN20100409_001534_000000472088_00245_42383_3432.N1	09-APR-2010 00:15:34	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	42383	No
4	GOM_NL__2PRFIN20100409_001933_000000482088_00245_42383_3433.N1	09-APR-2010 00:19:33	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	42383	No
5	GOM_NL__2PRFIN20100409_002629_000000492088_00245_42383_3434.N1	09-APR-2010 00:26:29	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42383	No
6	GOM_NL__2PRFIN20100409_003117_000000452088_00245_42383_3435.N1	09-APR-2010 00:31:17	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42383	No
7	GOM_NL__2PRFIN20100409_003346_000000432088_00245_42383_3436.N1	09-APR-2010 00:33:46	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42383	No
8	GOM_NL__2PRFIN20100409_005304_000000552088_00246_42384_3426.N1	09-APR-2010 00:53:04	Dark	55.000	40	The Sco	1.8590	7100.0	110	42384	No
9	GOM_NL__2PRFIN20100409_010107_000000462088_00246_42384_3427.N1	09-APR-2010 01:01:07	Straylight	45.500	78	Alp Lup	2.3040	28000.	91	42384	No
10	GOM_NL__2PRFIN20100409_010244_000000482088_00246_42384_3428.N1	09-APR-2010 01:02:44	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	42384	No
11	GOM_NL__2PRFIN20100409_010516_000000522088_00246_42384_3429.N1	09-APR-2010 01:05:16	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42384	No
12	GOM_NL__2PRFIN20100409_011045_000000442088_00246_42384_3430.N1	09-APR-2010 01:10:45	Twilight	43.500	106	9Bet Crv	2.6480	5600.0	87	42384	No
13	GOM_NL__2PRFIN20100409_011248_000000422088_00246_42384_3431.N1	09-APR-2010 01:12:48	Twilight	41.500	163	7Del Crv	2.9450	11000.	83	42384	No
14	GOM_NL__2PRFIN20100409_011411_000000512088_00246_42384_3432.N1	09-APR-2010 01:14:11	Bright	51.000	15	67Alp Vir	0.97600	28000.	102	42384	No
15	GOM_NL__2PRFIN20100409_011718_000000412088_00246_42384_3433.N1	09-APR-2010 01:17:18	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42384	No
16	GOM_NL__2PRFIN20100409_012158_000000372088_00246_42384_3434.N1	09-APR-2010 01:21:58	Bright	36.500	62	94Bet Leo	2.1360	9700.0	73	42384	No
17	GOM_NL__2PRFIN20100409_012945_000000412088_00246_42384_3435.N1	09-APR-2010 01:29:45	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	42384	No
18	GOM_NL__2PRFIN20100409_013311_000000382088_00246_42384_3436.N1	09-APR-2010 01:33:11	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42384	No
19	GOM_NL__2PRFIN20100409_013439_000000402088_00246_42384_3437.N1	09-APR-2010 01:34:39	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42384	No
20	GOM_NL__2PRFIN20100409_014105_000000402088_00246_42384_3438.N1	09-APR-2010 01:41:05	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42384	No
21	GOM_NL__2PRFIN20100409_015055_000000392088_00246_42384_3439.N1	09-APR-2010 01:50:55	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42384	No
22	GOM_NL__2PRFIN20100409_015610_000000452088_00246_42384_3440.N1	09-APR-2010 01:56:10	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	42384	No
23	GOM_NL__2PRFIN20100409_020009_000000512088_00246_42384_3441.N1	09-APR-2010 02:00:09	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	42384	No
24	GOM_NL__2PRFIN20100409_020705_000000522088_00246_42384_3442.N1	09-APR-2010 02:07:05	Twilight	51.500	61	8Eps Peg	2.1000	3900.0	103	42384	No
25	GOM_NL__2PRFIN20100409_021154_000000462088_00246_42384_3443.N1	09-APR-2010 02:11:54	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42384	No
26	GOM_NL__2PRFIN20100409_021422_000000442088_00246_42384_3444.N1	09-APR-2010 02:14:22	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42384	No
27	GOM_NL__2PRFIN20100409_023341_000000562088_00247_42385_3434.N1	09-APR-2010 02:33:41	Dark	55.500	40	The Sco	1.8590	7100.0	111	42385	No
28	GOM_NL__2PRFIN20100409_024144_000000432088_00247_42385_3435.N1	09-APR-2010 02:41:44	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42385	No
29	GOM_NL__2PRFIN20100409_024321_000000442088_00247_42385_3436.N1	09-APR-2010 02:43:21	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42385	No
30	GOM_NL__2PRFIN20100409_024552_000000492088_00247_42385_3437.N1	09-APR-2010 02:45:52	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42385	No
31	GOM_NL__2PRFIN20100409_025121_000000452088_00247_42385_3438.N1	09-APR-2010 02:51:21	Twilight	44.500	106	9Bet Crv	2.6480	5600.0	89	42385	No
32	GOM_NL__2PRFIN20100409_025324_000000452088_00247_42385_3439.N1	09-APR-2010 02:53:24	Twilight	44.500	163	7Del Crv	2.9450	11000.	89	42385	No
33	GOM_NL__2PRFIN20100409_025447_000000542088_00247_42385_3440.N1	09-APR-2010 02:54:47	Bright	53.500	15	67Alp Vir	0.97600	28000.	107	42385	No
34	GOM_NL__2PRFIN20100409_025754_000000412088_00247_42385_3441.N1	09-APR-2010 02:57:54	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42385	No
35	GOM_NL__2PRFIN20100409_030234_000000382088_00247_42385_3442.N1	09-APR-2010 03:02:34	Bright	37.500	62	94Bet Leo	2.1360	9700.0	75	42385	No
36	GOM_NL__2PRFIN20100409_031021_000000392088_00247_42385_3443.N1	09-APR-2010 03:10:21	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42385	No
37	GOM_NL__2PRFIN20100409_031347_000000362088_00247_42385_3444.N1	09-APR-2010 03:13:47	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42385	No
38	GOM_NL__2PRFIN20100409_031514_000000392088_00247_42385_3445.N1	09-APR-2010 03:15:14	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42385	No
39	GOM_NL__2PRFIN20100409_032141_000000412088_00247_42385_3446.N1	09-APR-2010 03:21:41	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42385	No
40	GOM_NL__2PRFIN20100409_033131_000000372088_00247_42385_3447.N1	09-APR-2010 03:31:31	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	42385	No
41	GOM_NL__2PRFIN20100409_033646_000000482088_00247_42385_3448.N1	09-APR-2010 03:36:46	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42385	No
42	GOM_NL__2PRFIN20100409_034045_000000502088_00247_42385_3449.N1	09-APR-2010 03:40:45	Bright	49.500	92	53Eps Cyg	2.5000	4500.0	99	42385	No

43	GOM_NL__2PRFIN20100409_034741_000000472088_00247_42385_3450.N1	09-APR-2010 03:47:41	Twilight	47.000	61	8Eps Peg	2.1000	3900.0	94	42385	No
44	GOM_NL__2PRFIN20100409_035230_000000442088_00247_42385_3451.N1	09-APR-2010 03:52:30	Dark	43.500	154	22Bet Aqr	2.8990	5700.0	87	42385	No
45	GOM_NL__2PRFIN20100409_035459_000000432088_00247_42385_3452.N1	09-APR-2010 03:54:59	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42385	No
46	GOM_NL__2PRFIN20100409_041418_000000562088_00248_42386_3442.N1	09-APR-2010 04:14:18	Dark	56.000	40	The Sco	1.8590	7100.0	112	42386	No
47	GOM_NL__2PRFIN20100409_042220_000000462088_00248_42386_3443.N1	09-APR-2010 04:22:20	Straylight	45.500	78	Alp Lup	2.3040	28000.	91	42386	No
48	GOM_NL__2PRFIN20100409_042357_000000462088_00248_42386_3444.N1	09-APR-2010 04:23:57	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42386	No
49	GOM_NL__2PRFIN20100409_042628_000000502088_00248_42386_3445.N1	09-APR-2010 04:26:28	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42386	No
50	GOM_NL__2PRFIN20100409_043157_000000422088_00248_42386_3446.N1	09-APR-2010 04:31:57	Twilight	41.500	106	9Bet Crv	2.6480	5600.0	83	42386	No
51	GOM_NL__2PRFIN20100409_043400_000000422088_00248_42386_3447.N1	09-APR-2010 04:34:00	Twilight	42.000	163	7Del Crv	2.9450	11000.	84	42386	No
52	GOM_NL__2PRFIN20100409_043523_000000512088_00248_42386_3448.N1	09-APR-2010 04:35:23	Bright	51.000	15	67Alp Vir	0.97600	28000.	102	42386	No
53	GOM_NL__2PRFIN20100409_043830_000000422088_00248_42386_3449.N1	09-APR-2010 04:38:30	Bright	42.000	121	29Gam Vir	2.7400	7200.0	84	42386	No
54	GOM_NL__2PRFIN20100409_044310_000000362088_00248_42386_3450.N1	09-APR-2010 04:43:10	Bright	35.500	62	94Bet Leo	2.1360	9700.0	71	42386	No
55	GOM_NL__2PRFIN20100409_045056_000000422088_00248_42386_3451.N1	09-APR-2010 04:50:56	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	42386	No
56	GOM_NL__2PRFIN20100409_045423_000000372088_00248_42386_3452.N1	09-APR-2010 04:54:23	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42386	No
57	GOM_NL__2PRFIN20100409_045550_000000412088_00248_42386_3453.N1	09-APR-2010 04:55:50	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	42386	No
58	GOM_NL__2PRFIN20100409_050216_000000382088_00248_42386_3454.N1	09-APR-2010 05:02:16	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42386	No
59	GOM_NL__2PRFIN20100409_051207_000000392088_00248_42386_3455.N1	09-APR-2010 05:12:07	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42386	No
60	GOM_NL__2PRFIN20100409_051722_000000452088_00248_42386_3456.N1	09-APR-2010 05:17:22	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	42386	No
61	GOM_NL__2PRFIN20100409_052817_000000492088_00248_42386_3457.N1	09-APR-2010 05:28:17	Twilight	48.500	61	8Eps Peg	2.1000	3900.0	97	42386	No
62	GOM_NL__2PRFIN20100409_053306_000000482088_00248_42386_3458.N1	09-APR-2010 05:33:06	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42386	No
63	GOM_NL__2PRFIN20100409_053535_000000412088_00248_42386_3459.N1	09-APR-2010 05:35:35	Dark	40.500	142	49Del Cap	2.8500	8900.0	81	42386	No
64	GOM_NL__2PRFIN20100409_055455_000000542088_00249_42387_3450.N1	09-APR-2010 05:54:55	Dark	53.500	40	The Sco	1.8590	7100.0	107	42387	No
65	GOM_NL__2PRFIN20100409_060257_000000482088_00249_42387_3451.N1	09-APR-2010 06:02:57	Straylight	47.500	78	Alp Lup	2.3040	28000.	95	42387	No
66	GOM_NL__2PRFIN20100409_060433_000000492088_00249_42387_3452.N1	09-APR-2010 06:04:33	Straylight	48.500	81	Eta Cen	2.3560	28000.	97	42387	No
67	GOM_NL__2PRFIN20100409_060705_000000502088_00249_42387_3453.N1	09-APR-2010 06:07:05	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42387	No
68	GOM_NL__2PRFIN20100409_061233_000000432088_00249_42387_3454.N1	09-APR-2010 06:12:33	Twilight	42.500	106	9Bet Crv	2.6480	5600.0	85	42387	No
69	GOM_NL__2PRFIN20100409_061436_000000432088_00249_42387_3455.N1	09-APR-2010 06:14:36	Twilight	42.500	163	7Del Crv	2.9450	11000.	85	42387	No
70	GOM_NL__2PRFIN20100409_061559_000000502088_00249_42387_3456.N1	09-APR-2010 06:15:59	Bright	50.000	15	67Alp Vir	0.97600	28000.	100	42387	No
71	GOM_NL__2PRFIN20100409_061906_000000412088_00249_42387_3457.N1	09-APR-2010 06:19:06	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42387	No
72	GOM_NL__2PRFIN20100409_062346_000000372088_00249_42387_3458.N1	09-APR-2010 06:23:46	Bright	36.500	62	94Bet Leo	2.1360	9700.0	73	42387	No
73	GOM_NL__2PRFIN20100409_063132_000000392088_00249_42387_3459.N1	09-APR-2010 06:31:32	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42387	No
74	GOM_NL__2PRFIN20100409_063459_000000352088_00249_42387_3460.N1	09-APR-2010 06:34:59	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	42387	No
75	GOM_NL__2PRFIN20100409_063626_000000392088_00249_42387_3461.N1	09-APR-2010 06:36:26	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42387	No
76	GOM_NL__2PRFIN20100409_064252_000000572088_00249_42387_3462.N1	09-APR-2010 06:42:52	Bright	56.500	60	7Bet UMi	2.0810	3950.0	113	42387	No
77	GOM_NL__2PRFIN20100409_065243_000000392088_00249_42387_3463.N1	09-APR-2010 06:52:43	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42387	No
78	GOM_NL__2PRFIN20100409_065758_000000472088_00249_42387_3464.N1	09-APR-2010 06:57:58	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	42387	No
79	GOM_NL__2PRFIN20100409_070854_000000492088_00249_42387_3465.N1	09-APR-2010 07:08:54	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42387	No
80	GOM_NL__2PRFIN20100409_071343_000000462088_00249_42387_3466.N1	09-APR-2010 07:13:43	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42387	No
81	GOM_NL__2PRFIN20100409_071612_000000412088_00249_42387_3467.N1	09-APR-2010 07:16:12	Dark	40.500	142	49Del Cap	2.8500	8900.0	81	42387	No
82	GOM_NL__2PRFIN20100409_073533_000000522088_00250_42388_3458.N1	09-APR-2010 07:35:33	Dark	51.500	40	The Sco	1.8590	7100.0	103	42388	No
83	GOM_NL__2PRFIN20100409_074334_000000462088_00250_42388_3459.N1	09-APR-2010 07:43:34	Straylight	46.000	78	Alp Lup	2.3040	28000.	92	42388	No
84	GOM_NL__2PRFIN20100409_074510_000000472088_00250_42388_3460.N1	09-APR-2010 07:45:10	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42388	No
85	GOM_NL__2PRFIN20100409_074741_000000492088_00250_42388_3461.N1	09-APR-2010 07:47:41	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42388	No
86	GOM_NL__2PRFIN20100409_075309_000000422088_00250_42388_3462.N1	09-APR-2010 07:53:09	Twilight	41.500	106	9Bet Crv	2.6480	5600.0	83	42388	No
87	GOM_NL__2PRFIN20100409_075512_000000432088_00250_42388_3463.N1	09-APR-2010 07:55:12	Twilight	43.000	163	7Del Crv	2.9450	11000.	86	42388	No
88	GOM_NL__2PRFIN20100409_075635_000000542088_00250_42388_3464.N1	09-APR-2010 07:56:35	Bright	53.500	15	67Alp Vir	0.97600	28000.	107	42388	No
89	GOM_NL__2PRFIN20100409_075942_000000412088_00250_42388_3465.N1	09-APR-2010 07:59:42	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42388	No
90	GOM_NL__2PRFIN20100409_080347_000000442088_00250_42388_3466.N1	09-APR-2010 08:03:47	Bright	43.500	138	47Eps Vir	2.8280	4700.0	87	42388	No
91	GOM_NL__2PRFIN20100409_081208_000000412088_00250_42388_3467.N1	09-APR-2010 08:12:08	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	42388	No
92	GOM_NL__2PRFIN20100409_081534_000000382088_00250_42388_3468.N1	09-APR-2010 08:15:34	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	42388	No
93	GOM_NL__2PRFIN20100409_081702_000000402088_00250_42388_3469.N1	09-APR-2010 08:17:02	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42388	No
94	GOM_NL__2PRFIN20100409_082328_000000372088_00250_42388_3470.N1	09-APR-2010 08:23:28	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	42388	No
95	GOM_NL__2PRFIN20100409_083319_000000432088_00250_42388_3471.N1	09-APR-2010 08:33:19	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42388	No
96	GOM_NL__2PRFIN20100409_083833_000000432088_00250_42388_3472.N1	09-APR-2010 08:38:33	Bright	42.500	19	50Alp Cyg	1.2460	10500.	85	42388	No
97	GOM_NL__2PRFIN20100409_084233_000000472088_00250_42388_3473.N1	09-APR-2010 08:42:33	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	42388	No
98	GOM_NL__2PRFIN20100409_084930_000000522088_00250_42388_3474.N1	09-APR-2010 08:49:30	Twilight	52.000	61	8Eps Peg	2.1000	3900.0	104	42388	No
99	GOM_NL__2PRFIN20100409_085158_000000452088_00250_42388_3475.N1	09-APR-2010 08:51:58	Twilight	44.500	162	34Alp Aqr	2.9440	5350.0	89	42388	No
100	GOM_NL__2PRFIN20100409_085419_000000452088_00250_42388_3476.N1	09-APR-2010 08:54:19	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42388	No
101	GOM_NL__2PRFIN20100409_085648_000000442088_00250_42388_3477.N1	09-APR-2010 08:56:48	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42388	No

102	GOM_NL__2PRFIN20100409_091610_000000562088_00251_42389_3466.N1	09-APR-2010 09:16:10	Dark	56.000	40	The Sco	1.8590	7100.0	112	42389	No
103	GOM_NL__2PRFIN20100409_092410_000000442088_00251_42389_3467.N1	09-APR-2010 09:24:10	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42389	No
104	GOM_NL__2PRFIN20100409_092547_000000462088_00251_42389_3468.N1	09-APR-2010 09:25:47	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42389	No
105	GOM_NL__2PRFIN20100409_092817_000000482088_00251_42389_3469.N1	09-APR-2010 09:28:17	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42389	No
106	GOM_NL__2PRFIN20100409_093345_000000432088_00251_42389_3470.N1	09-APR-2010 09:33:45	Twi_and_stray	42.500	106	9Bet Crv	2.6480	5600.0	85	42389	No
107	GOM_NL__2PRFIN20100409_093548_000000442088_00251_42389_3471.N1	09-APR-2010 09:35:48	Twi_and_stray	44.000	163	7Del Crv	2.9450	11000.	88	42389	No
108	GOM_NL__2PRFIN20100409_093711_000000502088_00251_42389_3472.N1	09-APR-2010 09:37:11	Bright	49.500	15	67Alp Vir	0.97600	28000.	99	42389	No
109	GOM_NL__2PRFIN20100409_094018_000000412088_00251_42389_3473.N1	09-APR-2010 09:40:18	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42389	No
110	GOM_NL__2PRFIN20100409_094423_000000612088_00251_42389_3474.N1	09-APR-2010 09:44:23	Bright	61.000	138	47Eps Vir	2.8280	4700.0	122	42389	No
111	GOM_NL__2PRFIN20100409_095243_000000402088_00251_42389_3475.N1	09-APR-2010 09:52:43	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42389	No
112	GOM_NL__2PRFIN20100409_095610_000000382088_00251_42389_3476.N1	09-APR-2010 09:56:10	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	42389	No
113	GOM_NL__2PRFIN20100409_095737_000000382088_00251_42389_3477.N1	09-APR-2010 09:57:37	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	42389	No
114	GOM_NL__2PRFIN20100409_100403_000000422088_00251_42389_3478.N1	09-APR-2010 10:04:03	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42389	No
115	GOM_NL__2PRFIN20100409_101355_000000362088_00251_42389_3479.N1	09-APR-2010 10:13:55	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	42389	No
116	GOM_NL__2PRFIN20100409_101909_000000462088_00251_42389_3480.N1	09-APR-2010 10:19:09	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	42389	No
117	GOM_NL__2PRFIN20100409_102309_000000582088_00251_42389_3481.N1	09-APR-2010 10:23:09	Bright	57.500	92	53Eps Cyg	2.5000	4500.0	115	42389	No
118	GOM_NL__2PRFIN20100409_103006_000000502088_00251_42389_3482.N1	09-APR-2010 10:30:06	Twi_and_stray	49.500	61	8Eps Peg	2.1000	3900.0	99	42389	No
119	GOM_NL__2PRFIN20100409_103235_000000442088_00251_42389_3483.N1	09-APR-2010 10:32:35	Twilight	44.000	162	34Alp Aqr	2.9440	5350.0	88	42389	No
120	GOM_NL__2PRFIN20100409_103456_000000472088_00251_42389_3484.N1	09-APR-2010 10:34:56	Dark	47.000	154	22Bet Aqr	2.8990	5700.0	94	42389	No
121	GOM_NL__2PRFIN20100409_103724_000000412088_00251_42389_3485.N1	09-APR-2010 10:37:24	Dark	41.000	142	49Del Cap	2.8500	8900.0	82	42389	No
122	GOM_NL__2PRFIN20100409_105647_000000562088_00252_42390_3474.N1	09-APR-2010 10:56:47	Dark	55.500	40	The Sco	1.8590	7100.0	111	42390	No
123	GOM_NL__2PRFIN20100409_110446_000000432088_00252_42390_3475.N1	09-APR-2010 11:04:46	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42390	No
124	GOM_NL__2PRFIN20100409_110623_000000462088_00252_42390_3476.N1	09-APR-2010 11:06:23	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42390	No
125	GOM_NL__2PRFIN20100409_110854_000000502088_00252_42390_3477.N1	09-APR-2010 11:08:54	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42390	No
126	GOM_NL__2PRFIN20100409_111421_000000442088_00252_42390_3478.N1	09-APR-2010 11:14:21	Twi_and_stray	43.500	106	9Bet Crv	2.6480	5600.0	87	42390	No
127	GOM_NL__2PRFIN20100409_111624_000000422088_00252_42390_3479.N1	09-APR-2010 11:16:24	Twi_and_stray	41.500	163	7Del Crv	2.9450	11000.	83	42390	No
128	GOM_NL__2PRFIN20100409_111747_000000522088_00252_42390_3480.N1	09-APR-2010 11:17:47	Bright	52.000	15	67Alp Vir	0.97600	28000.	104	42390	No
129	GOM_NL__2PRFIN20100409_112054_000000402088_00252_42390_3481.N1	09-APR-2010 11:20:54	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42390	No
130	GOM_NL__2PRFIN20100409_112459_000000432088_00252_42390_3482.N1	09-APR-2010 11:24:59	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	42390	No
131	GOM_NL__2PRFIN20100409_113318_000000402088_00252_42390_3483.N1	09-APR-2010 11:33:18	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42390	No
132	GOM_NL__2PRFIN20100409_113646_000000382088_00252_42390_3484.N1	09-APR-2010 11:36:46	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42390	No
133	GOM_NL__2PRFIN20100409_113812_000000412088_00252_42390_3485.N1	09-APR-2010 11:38:12	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	42390	No
134	GOM_NL__2PRFIN20100409_114439_000000362088_00252_42390_3486.N1	09-APR-2010 11:44:39	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	42390	No
135	GOM_NL__2PRFIN20100409_115430_000000392088_00252_42390_3487.N1	09-APR-2010 11:54:30	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42390	No
136	GOM_NL__2PRFIN20100409_115945_000000472088_00252_42390_3488.N1	09-APR-2010 11:59:45	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	42390	No
137	GOM_NL__2PRFIN20100409_120345_000000512088_00252_42390_3489.N1	09-APR-2010 12:03:45	Bright	51.000	92	53Eps Cyg	2.5000	4500.0	102	42390	No
138	GOM_NL__2PRFIN20100409_121043_000000512088_00252_42390_3490.N1	09-APR-2010 12:10:43	Twi_and_stray	51.000	61	8Eps Peg	2.1000	3900.0	102	42390	No
139	GOM_NL__2PRFIN20100409_121311_000000432088_00252_42390_3491.N1	09-APR-2010 12:13:11	Twilight	43.000	162	34Alp Aqr	2.9440	5350.0	86	42390	No
140	GOM_NL__2PRFIN20100409_121532_000000452088_00252_42390_3492.N1	09-APR-2010 12:15:32	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42390	No
141	GOM_NL__2PRFIN20100409_121801_000000442088_00252_42390_3493.N1	09-APR-2010 12:18:01	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42390	No
142	GOM_NL__2PRFIN20100409_123723_000000612088_00253_42391_3482.N1	09-APR-2010 12:37:23	Dark	60.500	40	The Sco	1.8590	7100.0	121	42391	No
143	GOM_NL__2PRFIN20100409_124523_000000422088_00253_42391_3483.N1	09-APR-2010 12:45:23	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42391	No
144	GOM_NL__2PRFIN20100409_124659_000000452088_00253_42391_3484.N1	09-APR-2010 12:46:59	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42391	No
145	GOM_NL__2PRFIN20100409_124930_000000492088_00253_42391_3485.N1	09-APR-2010 12:49:30	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	42391	No
146	GOM_NL__2PRFIN20100409_125458_000000422088_00253_42391_3486.N1	09-APR-2010 12:54:58	Twi_and_stray	41.500	106	9Bet Crv	2.6480	5600.0	83	42391	No
147	GOM_NL__2PRFIN20100409_125700_000000452088_00253_42391_3487.N1	09-APR-2010 12:57:00	Twi_and_stray	44.500	163	7Del Crv	2.9450	11000.	89	42391	No
148	GOM_NL__2PRFIN20100409_125823_000000502088_00253_42391_3488.N1	09-APR-2010 12:58:23	Bright	49.500	15	67Alp Vir	0.97600	28000.	99	42391	No
149	GOM_NL__2PRFIN20100409_130129_000000402088_00253_42391_3489.N1	09-APR-2010 13:01:29	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42391	No
150	GOM_NL__2PRFIN20100409_130534_000000432088_00253_42391_3490.N1	09-APR-2010 13:05:34	Bright	43.000	138	47Eps Vir	2.8280	4700.0	86	42391	No
151	GOM_NL__2PRFIN20100409_131354_000000412088_00253_42391_3491.N1	09-APR-2010 13:13:54	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42391	No
152	GOM_NL__2PRFIN20100409_131722_000000372088_00253_42391_3492.N1	09-APR-2010 13:17:22	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42391	No
153	GOM_NL__2PRFIN20100409_131848_000000412088_00253_42391_3493.N1	09-APR-2010 13:18:48	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	42391	No
154	GOM_NL__2PRFIN20100409_132514_000000402088_00253_42391_3494.N1	09-APR-2010 13:25:14	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42391	No
155	GOM_NL__2PRFIN20100409_133506_000000562088_00253_42391_3495.N1	09-APR-2010 13:35:06	Bright	56.000	89	5Alp Cep	2.4510	8000.0	112	42391	No
156	GOM_NL__2PRFIN20100409_134021_000000472088_00253_42391_3496.N1	09-APR-2010 13:40:21	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	42391	No
157	GOM_NL__2PRFIN20100409_134421_000000482088_00253_42391_3497.N1	09-APR-2010 13:44:21	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	42391	No
158	GOM_NL__2PRFIN20100409_135118_000000532088_00253_42391_3498.N1	09-APR-2010 13:51:18	Twi_and_stray	53.000	61	8Eps Peg	2.1000	3900.0	106	42391	No
159	GOM_NL__2PRFIN20100409_135347_000000442088_00253_42391_3499.N1	09-APR-2010 13:53:47	Twilight	43.500	162	34Alp Aqr	2.9440	5350.0	87	42391	No
160	GOM_NL__2PRFIN20100409_135609_000000462088_00253_42391_3500.N1	09-APR-2010 13:56:09	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42391	No

161	GOM_NL__2PRFIN20100409_135837_000000422088_00253_42391_3501.N1	09-APR-2010 13:58:37	Dark	41.500	142	49Del Cap	2.8500	8900.0	83	42391	No
162	GOM_NL__2PRFIN20100409_141801_000000522088_00254_42392_3510.N1	09-APR-2010 14:18:01	Dark	52.000	40	The Sco	1.8590	7100.0	104	42392	No
163	GOM_NL__2PRFIN20100409_142559_000000442088_00254_42392_3511.N1	09-APR-2010 14:25:59	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42392	No
164	GOM_NL__2PRFIN20100409_142735_000000472088_00254_42392_3512.N1	09-APR-2010 14:27:35	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42392	No
165	GOM_NL__2PRFIN20100409_143006_000000512088_00254_42392_3513.N1	09-APR-2010 14:30:06	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	42392	No
166	GOM_NL__2PRFIN20100409_143533_000000462088_00254_42392_3514.N1	09-APR-2010 14:35:33	Tw_i_and_stray	46.000	106	9Bet Crv	2.6480	5600.0	92	42392	No
167	GOM_NL__2PRFIN20100409_143736_000000422088_00254_42392_3515.N1	09-APR-2010 14:37:36	Tw_i_and_stray	42.000	163	7Del Crv	2.9450	11000.	84	42392	No
168	GOM_NL__2PRFIN20100409_143859_000000502088_00254_42392_3516.N1	09-APR-2010 14:38:59	Bright	50.000	15	67Alp Vir	0.97600	28000.	100	42392	No
169	GOM_NL__2PRFIN20100409_144205_000000412088_00254_42392_3517.N1	09-APR-2010 14:42:05	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42392	No
170	GOM_NL__2PRFIN20100409_144610_000000432088_00254_42392_3518.N1	09-APR-2010 14:46:10	Bright	43.000	138	47Eps Vir	2.8280	4700.0	86	42392	No
171	GOM_NL__2PRFIN20100409_145430_000000392088_00254_42392_3519.N1	09-APR-2010 14:54:30	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42392	No
172	GOM_NL__2PRFIN20100409_145757_000000362088_00254_42392_3520.N1	09-APR-2010 14:57:57	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42392	No
173	GOM_NL__2PRFIN20100409_145924_000000432088_00254_42392_3521.N1	09-APR-2010 14:59:24	Bright	42.500	32	77Eps UMa	1.7630	11000.	85	42392	No
174	GOM_NL__2PRFIN20100409_150550_000000362088_00254_42392_3522.N1	09-APR-2010 15:05:50	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	42392	No
175	GOM_NL__2PRFIN20100409_151542_000000402088_00254_42392_3523.N1	09-APR-2010 15:15:42	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42392	No
176	GOM_NL__2PRFIN20100409_152057_000000492088_00254_42392_3524.N1	09-APR-2010 15:20:57	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	42392	No
177	GOM_NL__2PRFIN20100409_152457_000000482088_00254_42392_3525.N1	09-APR-2010 15:24:57	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	42392	No
178	GOM_NL__2PRFIN20100409_153155_000000492088_00254_42392_3526.N1	09-APR-2010 15:31:55	Tw_i_and_stray	48.500	61	8Eps Peg	2.1000	3900.0	97	42392	No
179	GOM_NL__2PRFIN20100409_153423_000000442088_00254_42392_3527.N1	09-APR-2010 15:34:23	Twilight	44.000	162	34Alp Aqr	2.9440	5350.0	88	42392	No
180	GOM_NL__2PRFIN20100409_153645_000000452088_00254_42392_3528.N1	09-APR-2010 15:36:45	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42392	No
181	GOM_NL__2PRFIN20100409_153914_000000422088_00254_42392_3529.N1	09-APR-2010 15:39:14	Dark	41.500	142	49Del Cap	2.8500	8900.0	83	42392	No
182	GOM_NL__2PRFIN20100409_155838_000000522088_00255_42393_3518.N1	09-APR-2010 15:58:38	Dark	51.500	40	The Sco	1.8590	7100.0	103	42393	No
183	GOM_NL__2PRFIN20100409_160635_000000432088_00255_42393_3519.N1	09-APR-2010 16:06:35	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42393	No
184	GOM_NL__2PRFIN20100409_160812_000000462088_00255_42393_3520.N1	09-APR-2010 16:08:12	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42393	No
185	GOM_NL__2PRFIN20100409_161043_000000472088_00255_42393_3521.N1	09-APR-2010 16:10:43	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42393	No
186	GOM_NL__2PRFIN20100409_161610_000000442088_00255_42393_3522.N1	09-APR-2010 16:16:10	Tw_i_and_stray	43.500	106	9Bet Crv	2.6480	5600.0	87	42393	No
187	GOM_NL__2PRFIN20100409_161813_000000412088_00255_42393_3523.N1	09-APR-2010 16:18:13	Tw_i_and_stray	41.000	163	7Del Crv	2.9450	11000.	82	42393	No
188	GOM_NL__2PRFIN20100409_161935_000000492088_00255_42393_3524.N1	09-APR-2010 16:19:35	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42393	No
189	GOM_NL__2PRFIN20100409_162241_000000402088_00255_42393_3525.N1	09-APR-2010 16:22:41	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42393	No
190	GOM_NL__2PRFIN20100409_162646_000000432088_00255_42393_3526.N1	09-APR-2010 16:26:46	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	42393	No
191	GOM_NL__2PRFIN20100409_163505_000000402088_00255_42393_3527.N1	09-APR-2010 16:35:05	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42393	No
192	GOM_NL__2PRFIN20100409_163833_000000382088_00255_42393_3528.N1	09-APR-2010 16:38:33	Bright	37.500	87	64Gam UMa	2.4330	11000.	75	42393	No
193	GOM_NL__2PRFIN20100409_163959_000000432088_00255_42393_3529.N1	09-APR-2010 16:39:59	Bright	42.500	32	77Eps UMa	1.7630	11000.	85	42393	No
194	GOM_NL__2PRFIN20100409_164625_000000412088_00255_42393_3530.N1	09-APR-2010 16:46:25	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42393	No
195	GOM_NL__2PRFIN20100409_165618_000000372088_00255_42393_3531.N1	09-APR-2010 16:56:18	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	42393	No
196	GOM_NL__2PRFIN20100409_170133_000000462088_00255_42393_3532.N1	09-APR-2010 17:01:33	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	42393	No
197	GOM_NL__2PRFIN20100409_170533_000000492088_00255_42393_3533.N1	09-APR-2010 17:05:33	Bright	49.000	92	53Eps Cyg	2.5000	4500.0	98	42393	No
198	GOM_NL__2PRFIN20100409_171231_000000502088_00255_42393_3534.N1	09-APR-2010 17:12:31	Tw_i_and_stray	49.500	61	8Eps Peg	2.1000	3900.0	99	42393	No
199	GOM_NL__2PRFIN20100409_171500_000000432088_00255_42393_3535.N1	09-APR-2010 17:15:00	Twilight	43.000	162	34Alp Aqr	2.9440	5350.0	86	42393	No
200	GOM_NL__2PRFIN20100409_171721_000000482088_00255_42393_3536.N1	09-APR-2010 17:17:21	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42393	No
201	GOM_NL__2PRFIN20100409_171950_000000432088_00255_42393_3537.N1	09-APR-2010 17:19:50	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42393	No
202	GOM_NL__2PRFIN20100409_173915_000000622088_00256_42394_3527.N1	09-APR-2010 17:39:15	Dark	61.500	40	The Sco	1.8590	7100.0	123	42394	No
203	GOM_NL__2PRFIN20100409_174712_000000442088_00256_42394_3528.N1	09-APR-2010 17:47:12	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42394	No
204	GOM_NL__2PRFIN20100409_174848_000000462088_00256_42394_3529.N1	09-APR-2010 17:48:48	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42394	No
205	GOM_NL__2PRFIN20100409_175119_000000512088_00256_42394_3530.N1	09-APR-2010 17:51:19	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	42394	No
206	GOM_NL__2PRFIN20100409_175646_000000452088_00256_42394_3531.N1	09-APR-2010 17:56:46	Tw_i_and_stray	44.500	106	9Bet Crv	2.6480	5600.0	89	42394	No
207	GOM_NL__2PRFIN20100409_175849_000000442088_00256_42394_3532.N1	09-APR-2010 17:58:49	Tw_i_and_stray	44.000	163	7Del Crv	2.9450	11000.	88	42394	No
208	GOM_NL__2PRFIN20100409_180011_000000492088_00256_42394_3533.N1	09-APR-2010 18:00:11	Bright	48.500	15	67Alp Vir	0.97600	28000.	97	42394	No
209	GOM_NL__2PRFIN20100409_180317_000000402088_00256_42394_3534.N1	09-APR-2010 18:03:17	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42394	No
210	GOM_NL__2PRFIN20100409_180722_000000432088_00256_42394_3535.N1	09-APR-2010 18:07:22	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	42394	No
211	GOM_NL__2PRFIN20100409_181540_000000412088_00256_42394_3536.N1	09-APR-2010 18:15:40	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42394	No
212	GOM_NL__2PRFIN20100409_181909_000000392088_00256_42394_3537.N1	09-APR-2010 18:19:09	Bright	39.000	87	64Gam UMa	2.4330	11000.	78	42394	No
213	GOM_NL__2PRFIN20100409_182035_000000382088_00256_42394_3538.N1	09-APR-2010 18:20:35	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	42394	No
214	GOM_NL__2PRFIN20100409_182701_000000382088_00256_42394_3539.N1	09-APR-2010 18:27:01	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42394	No
215	GOM_NL__2PRFIN20100409_183654_000000392088_00256_42394_3540.N1	09-APR-2010 18:36:54	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42394	No
216	GOM_NL__2PRFIN20100409_184208_000000452088_00256_42394_3541.N1	09-APR-2010 18:42:08	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	42394	No
217	GOM_NL__2PRFIN20100409_184352_000000522088_00256_42394_3542.N1	09-APR-2010 18:43:52	Bright	52.000	66	37Gam Cyg	2.2080	5900.0	104	42394	No
218	GOM_NL__2PRFIN20100409_184609_000000532088_00256_42394_3543.N1	09-APR-2010 18:46:09	Bright	52.500	92	53Eps Cyg	2.5000	4500.0	105	42394	No
219	GOM_NL__2PRFIN20100409_185307_000000482088_00256_42394_3544.N1	09-APR-2010 18:53:07	Tw_i_and_stray	48.000	61	8Eps Peg	2.1000	3900.0	96	42394	No

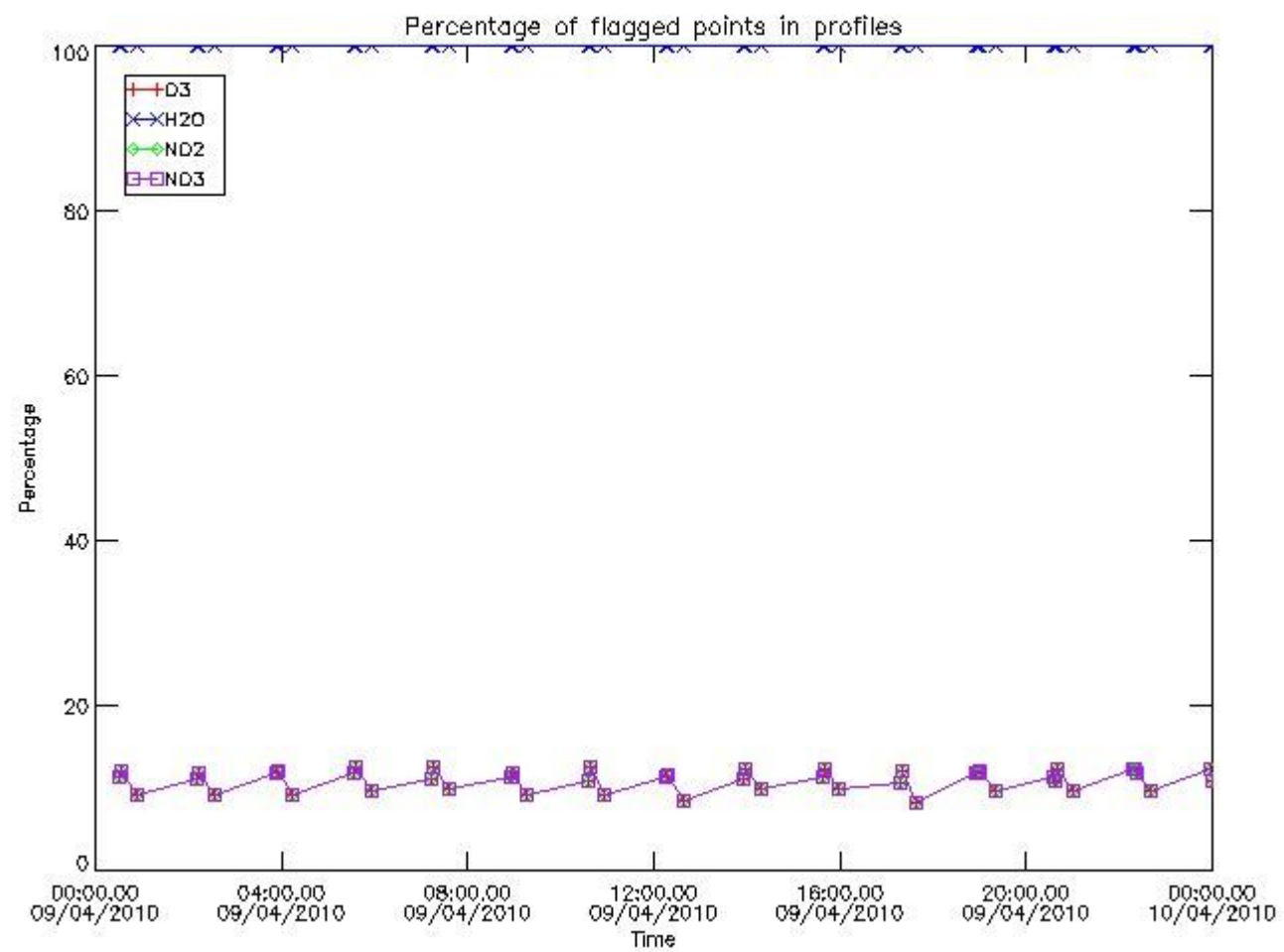
220	GOM_NL__2PRFIN20100409_185536_000000432088_00256_42394_3545.N1	09-APR-2010 18:55:36	Dark	43.000	162	34Alp Aqr	2.9440	5350.0	86	42394	No
221	GOM_NL__2PRFIN20100409_185758_000000472088_00256_42394_3546.N1	09-APR-2010 18:57:58	Dark	47.000	154	22Bet Aqr	2.8990	5700.0	94	42394	No
222	GOM_NL__2PRFIN20100409_190026_000000432088_00256_42394_3547.N1	09-APR-2010 19:00:26	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42394	No
223	GOM_NL__2PRFIN20100409_191952_000000532088_00257_42395_3535.N1	09-APR-2010 19:19:52	Dark	53.000	40	The Sco	1.8590	7100.0	106	42395	No
224	GOM_NL__2PRFIN20100409_192748_000000412088_00257_42395_3536.N1	09-APR-2010 19:27:48	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42395	No
225	GOM_NL__2PRFIN20100409_192925_000000442088_00257_42395_3537.N1	09-APR-2010 19:29:25	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42395	No
226	GOM_NL__2PRFIN20100409_193156_000000512088_00257_42395_3538.N1	09-APR-2010 19:31:56	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	42395	No
227	GOM_NL__2PRFIN20100409_193722_000000442088_00257_42395_3539.N1	09-APR-2010 19:37:22	Twi_and_stray	44.000	106	9Bet Crv	2.6480	5600.0	88	42395	No
228	GOM_NL__2PRFIN20100409_193925_000000422088_00257_42395_3540.N1	09-APR-2010 19:39:25	Twi_and_stray	41.500	163	7Del Crv	2.9450	11000.	83	42395	No
229	GOM_NL__2PRFIN20100409_194047_000000492088_00257_42395_3541.N1	09-APR-2010 19:40:47	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42395	No
230	GOM_NL__2PRFIN20100409_194353_000000402088_00257_42395_3542.N1	09-APR-2010 19:43:53	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42395	No
231	GOM_NL__2PRFIN20100409_194757_000000422088_00257_42395_3543.N1	09-APR-2010 19:47:57	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	42395	No
232	GOM_NL__2PRFIN20100409_195616_000000482088_00257_42395_3544.N1	09-APR-2010 19:56:16	Bright	47.500	152	12Alp2CVn	2.8900	11000.	95	42395	No
233	GOM_NL__2PRFIN20100409_195945_000000372088_00257_42395_3545.N1	09-APR-2010 19:59:45	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42395	No
234	GOM_NL__2PRFIN20100409_200111_000000412088_00257_42395_3546.N1	09-APR-2010 20:01:11	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	42395	No
235	GOM_NL__2PRFIN20100409_200737_000000372088_00257_42395_3547.N1	09-APR-2010 20:07:37	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42395	No
236	GOM_NL__2PRFIN20100409_201729_000000392088_00257_42395_3548.N1	09-APR-2010 20:17:29	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42395	No
237	GOM_NL__2PRFIN20100409_202244_000000452088_00257_42395_3549.N1	09-APR-2010 20:22:44	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	42395	No
238	GOM_NL__2PRFIN20100409_202428_000000502088_00257_42395_3550.N1	09-APR-2010 20:24:28	Bright	49.500	66	37Gam Cyg	2.2080	5900.0	99	42395	No
239	GOM_NL__2PRFIN20100409_202645_000000492088_00257_42395_3551.N1	09-APR-2010 20:26:45	Bright	49.000	92	53Eps Cyg	2.5000	4500.0	98	42395	No
240	GOM_NL__2PRFIN20100409_203344_000000482088_00257_42395_3552.N1	09-APR-2010 20:33:44	Twi_and_stray	47.500	61	8Eps Peg	2.1000	3900.0	95	42395	No
241	GOM_NL__2PRFIN20100409_203612_000000452088_00257_42395_3553.N1	09-APR-2010 20:36:12	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	42395	No
242	GOM_NL__2PRFIN20100409_203834_000000472088_00257_42395_3554.N1	09-APR-2010 20:38:34	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42395	No
243	GOM_NL__2PRFIN20100409_204102_000000422088_00257_42395_3555.N1	09-APR-2010 20:41:02	Dark	41.500	142	49Del Cap	2.8500	8900.0	83	42395	No
244	GOM_NL__2PRFIN20100409_210029_000000532088_00258_42396_3543.N1	09-APR-2010 21:00:29	Dark	52.500	40	The Sco	1.8590	7100.0	105	42396	No
245	GOM_NL__2PRFIN20100409_210825_000000442088_00258_42396_3544.N1	09-APR-2010 21:08:25	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	42396	No
246	GOM_NL__2PRFIN20100409_211001_000000482088_00258_42396_3545.N1	09-APR-2010 21:10:01	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	42396	No
247	GOM_NL__2PRFIN20100409_211232_000000482088_00258_42396_3546.N1	09-APR-2010 21:12:32	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	42396	No
248	GOM_NL__2PRFIN20100409_211758_000000432088_00258_42396_3547.N1	09-APR-2010 21:17:58	Twi_and_stray	43.000	106	9Bet Crv	2.6480	5600.0	86	42396	No
249	GOM_NL__2PRFIN20100409_212001_000000442088_00258_42396_3548.N1	09-APR-2010 21:20:01	Twi_and_stray	43.500	163	7Del Crv	2.9450	11000.	87	42396	No
250	GOM_NL__2PRFIN20100409_212123_000000462088_00258_42396_3549.N1	09-APR-2010 21:21:23	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	42396	No
251	GOM_NL__2PRFIN20100409_212429_000000412088_00258_42396_3550.N1	09-APR-2010 21:24:29	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42396	No
252	GOM_NL__2PRFIN20100409_212833_000000422088_00258_42396_3551.N1	09-APR-2010 21:28:33	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	42396	No
253	GOM_NL__2PRFIN20100409_213652_000000422088_00258_42396_3552.N1	09-APR-2010 21:36:52	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	42396	No
254	GOM_NL__2PRFIN20100409_214021_000000352088_00258_42396_3553.N1	09-APR-2010 21:40:21	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	42396	No
255	GOM_NL__2PRFIN20100409_214146_000000372088_00258_42396_3554.N1	09-APR-2010 21:41:46	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	42396	No
256	GOM_NL__2PRFIN20100409_214812_000000412088_00258_42396_3555.N1	09-APR-2010 21:48:12	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42396	No
257	GOM_NL__2PRFIN20100409_215805_000000382088_00258_42396_3556.N1	09-APR-2010 21:58:05	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	42396	No
258	GOM_NL__2PRFIN20100409_220320_000000462088_00258_42396_3557.N1	09-APR-2010 22:03:20	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	42396	No
259	GOM_NL__2PRFIN20100409_220503_000000692088_00258_42396_3558.N1	09-APR-2010 22:05:03	Bright	69.000	66	37Gam Cyg	2.2080	5900.0	138	42396	No
260	GOM_NL__2PRFIN20100409_220721_000000512088_00258_42396_3559.N1	09-APR-2010 22:07:21	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	42396	No
261	GOM_NL__2PRFIN20100409_221420_000000532088_00258_42396_3560.N1	09-APR-2010 22:14:20	Twi_and_stray	53.000	61	8Eps Peg	2.1000	3900.0	106	42396	No
262	GOM_NL__2PRFIN20100409_221649_000000422088_00258_42396_3561.N1	09-APR-2010 22:16:49	Dark	41.500	162	34Alp Aqr	2.9440	5350.0	83	42396	No
263	GOM_NL__2PRFIN20100409_221911_000000452088_00258_42396_3562.N1	09-APR-2010 22:19:11	Dark	45.000	154	22Bet Aqr	2.8990	5700.0	90	42396	No
264	GOM_NL__2PRFIN20100409_222139_000000432088_00258_42396_3563.N1	09-APR-2010 22:21:39	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42396	No
265	GOM_NL__2PRFIN20100409_224106_000000542088_00259_42397_3551.N1	09-APR-2010 22:41:06	Dark	53.500	40	The Sco	1.8590	7100.0	107	42397	No
266	GOM_NL__2PRFIN20100409_224901_000000462088_00259_42397_3552.N1	09-APR-2010 22:49:01	Straylight	46.000	78	Alp Lup	2.3040	28000.	92	42397	No
267	GOM_NL__2PRFIN20100409_225038_000000452088_00259_42397_3553.N1	09-APR-2010 22:50:38	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42397	No
268	GOM_NL__2PRFIN20100409_225308_000000502088_00259_42397_3554.N1	09-APR-2010 22:53:08	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42397	No
269	GOM_NL__2PRFIN20100409_225834_000000432088_00259_42397_3555.N1	09-APR-2010 22:58:34	Twi_and_stray	43.000	106	9Bet Crv	2.6480	5600.0	86	42397	No
270	GOM_NL__2PRFIN20100409_230037_000000432088_00259_42397_3556.N1	09-APR-2010 23:00:37	Twi_and_stray	43.000	163	7Del Crv	2.9450	11000.	86	42397	No
271	GOM_NL__2PRFIN20100409_230159_000000532088_00259_42397_3557.N1	09-APR-2010 23:01:59	Bright	52.500	15	67Alp Vir	0.97600	28000.	105	42397	No
272	GOM_NL__2PRFIN20100409_230504_000000402088_00259_42397_3558.N1	09-APR-2010 23:05:04	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42397	No
273	GOM_NL__2PRFIN20100409_230909_000000422088_00259_42397_3559.N1	09-APR-2010 23:09:09	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	42397	No
274	GOM_NL__2PRFIN20100409_231727_000000402088_00259_42397_3560.N1	09-APR-2010 23:17:27	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42397	No
275	GOM_NL__2PRFIN20100409_232056_000000362088_00259_42397_3561.N1	09-APR-2010 23:20:56	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42397	No
276	GOM_NL__2PRFIN20100409_232222_000000392088_00259_42397_3562.N1	09-APR-2010 23:22:22	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	42397	No
277	GOM_NL__2PRFIN20100409_232848_000000572088_00259_42397_3563.N1	09-APR-2010 23:28:48	Bright	57.000	60	7Bet UMi	2.0810	3950.0	114	42397	No
278	GOM_NL__2PRFIN20100409_233841_000000382088_00259_42397_3564.N1	09-APR-2010 23:38:41	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	42397	No

279	GOM_NL__2PRFIN20100409_234356_000000482088_00259_42397_3565.N1	09-APR-2010 23:43:56	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	42397	No
280	GOM_NL__2PRFIN20100409_234539_000000522088_00259_42397_3566.N1	09-APR-2010 23:45:39	Bright	51.500	66	37Gam Cyg	2.2080	5900.0	103	42397	No
281	GOM_NL__2PRFIN20100409_234757_000000512088_00259_42397_3567.N1	09-APR-2010 23:47:57	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	42397	No
282	GOM_NL__2PRFIN20100409_235456_000000492088_00259_42397_3568.N1	09-APR-2010 23:54:56	Twilight_stray	49.000	61	8Eps Peg	2.1000	3900.0	98	42397	No
283	GOM_NL__2PRFIN20100409_235725_000000462088_00259_42397_3569.N1	09-APR-2010 23:57:25	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42397	No
284	GOM_NL__2PRFIN20100409_235947_000000472088_00259_42397_3570.N1	09-APR-2010 23:59:47	Dark	46.500	154	22Bet Aqr	2.8990	5700.0	93	42397	No

3. Quality information per product

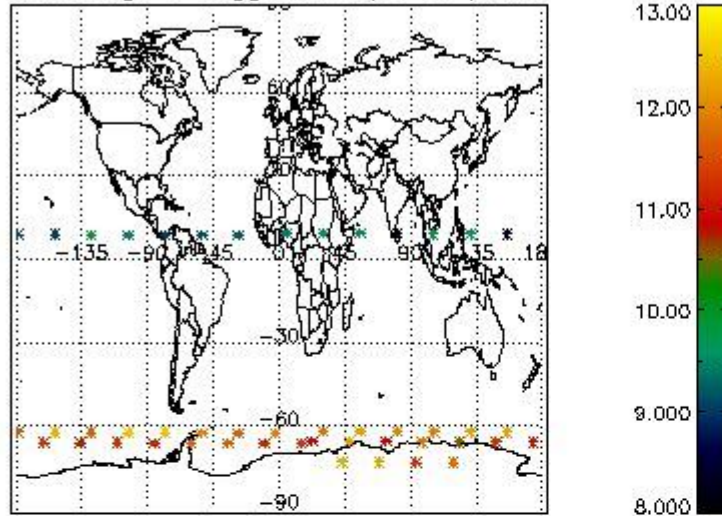
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

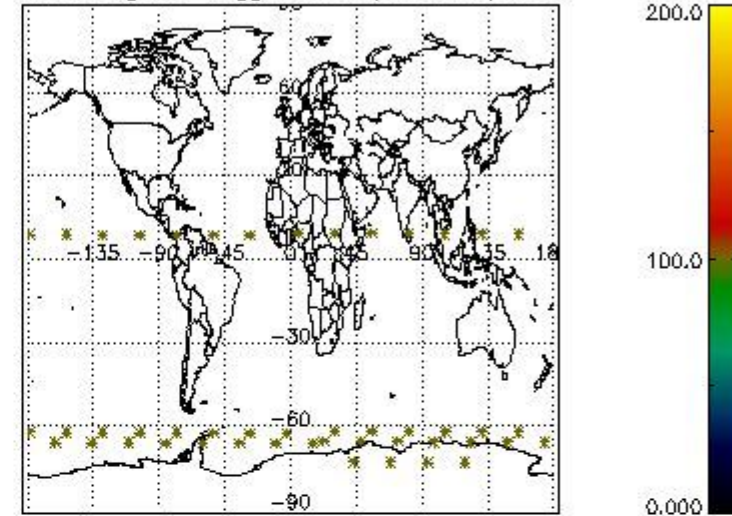


3.2 Plot quality information per product (world map)

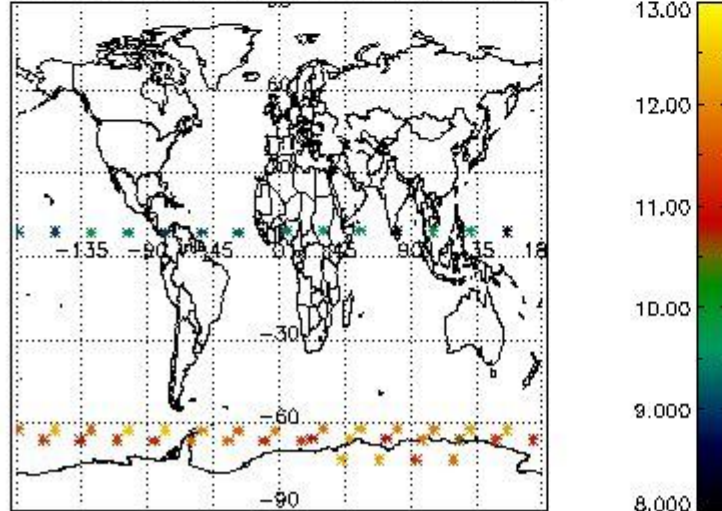
Percentage of flagged data per O3 profile



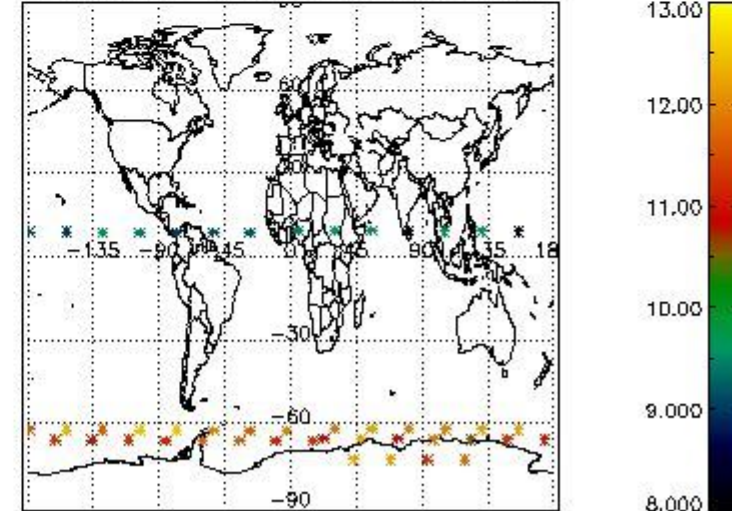
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

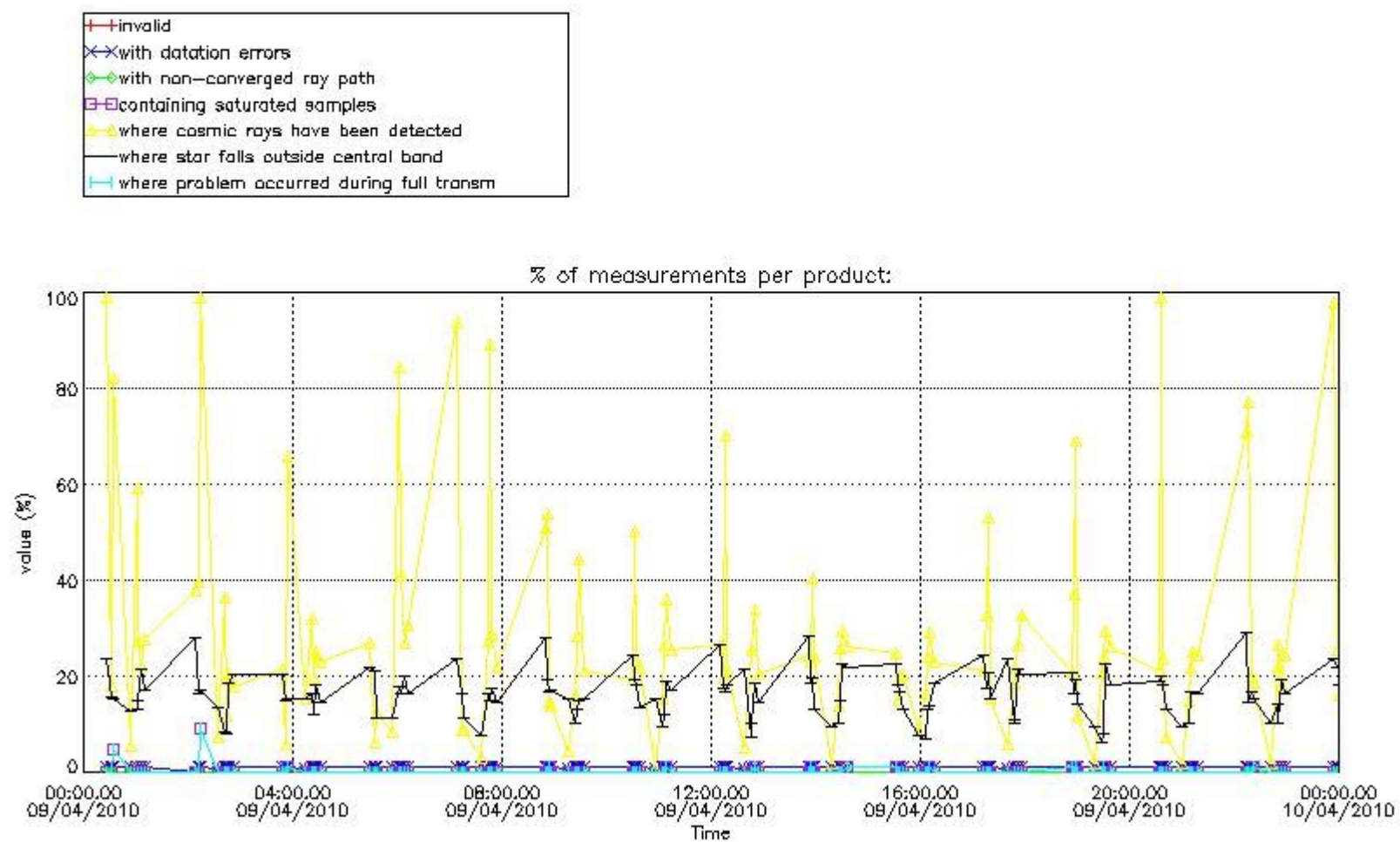


4. Level 1 quality information per product

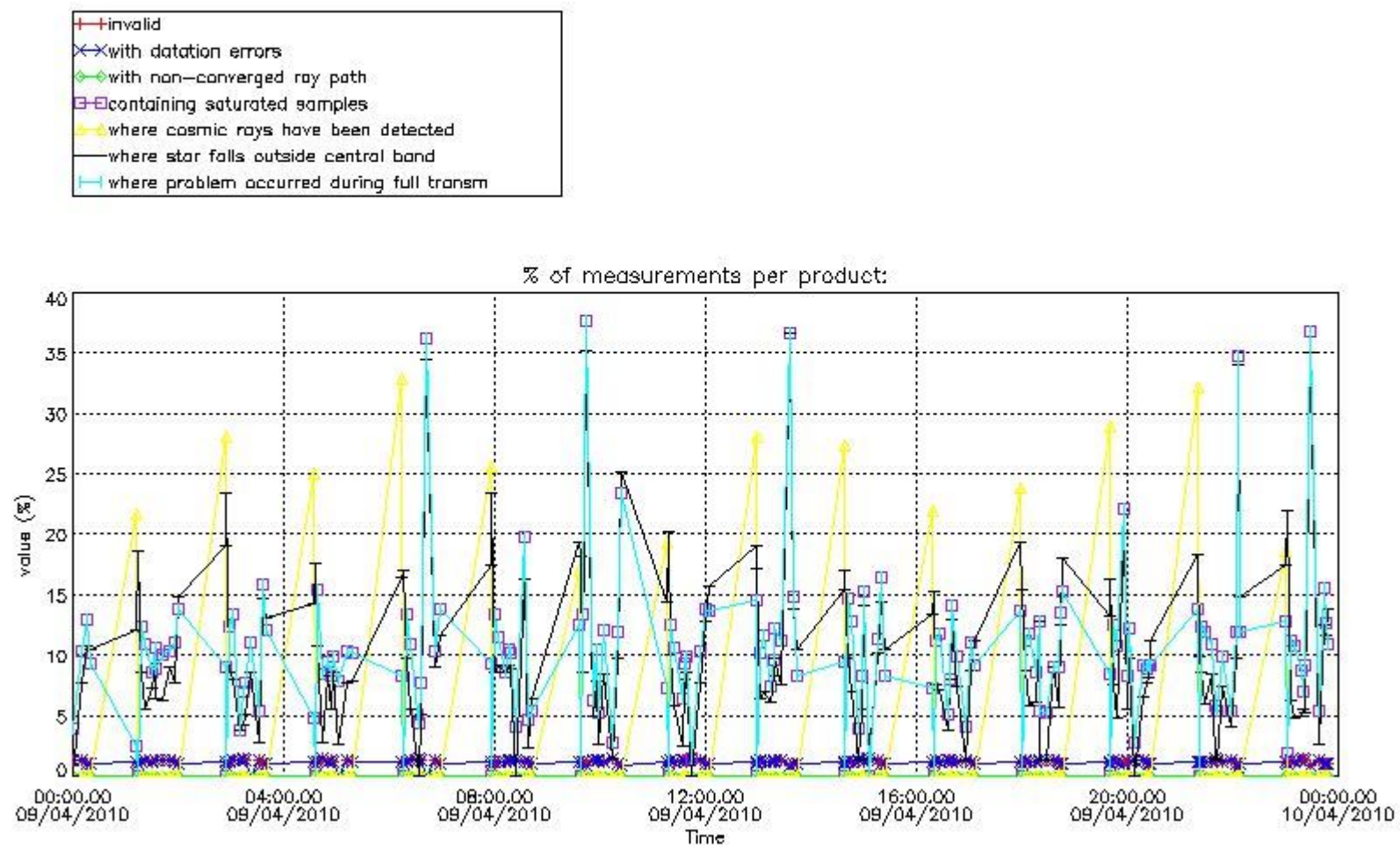
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

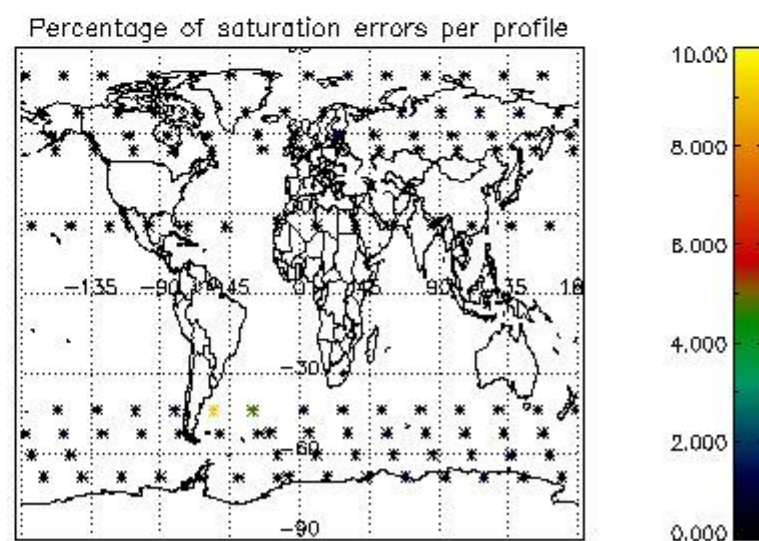
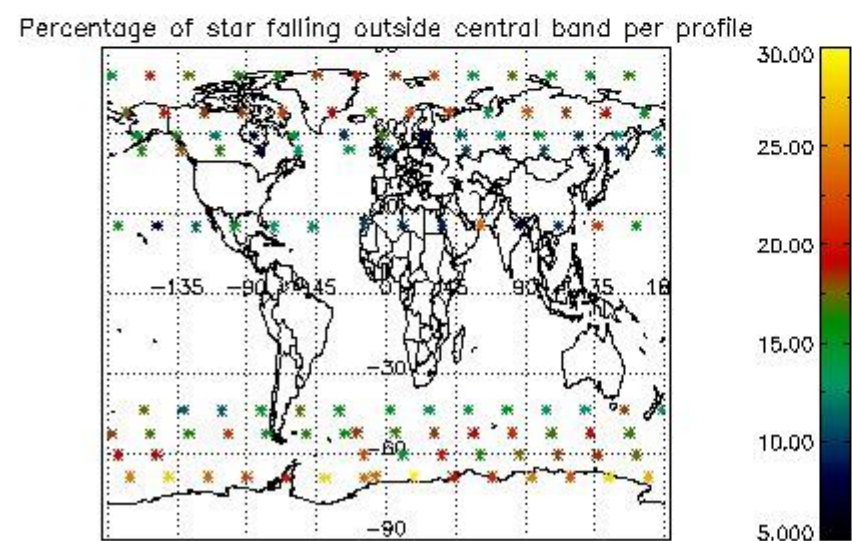
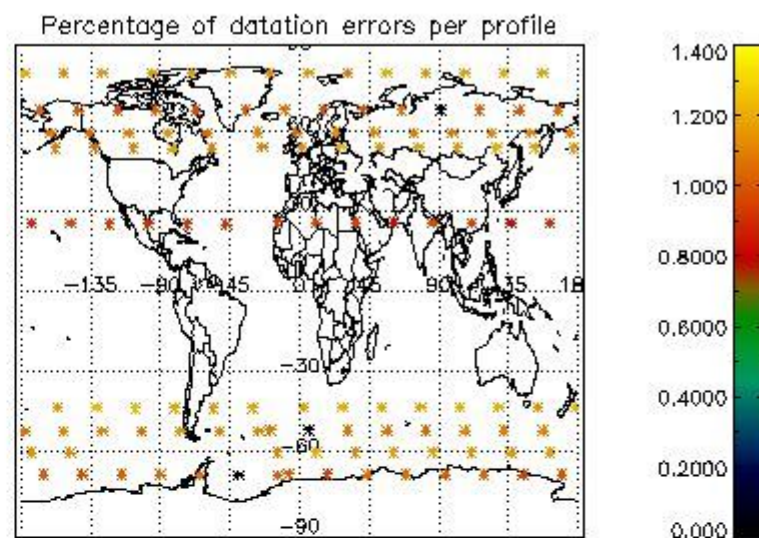
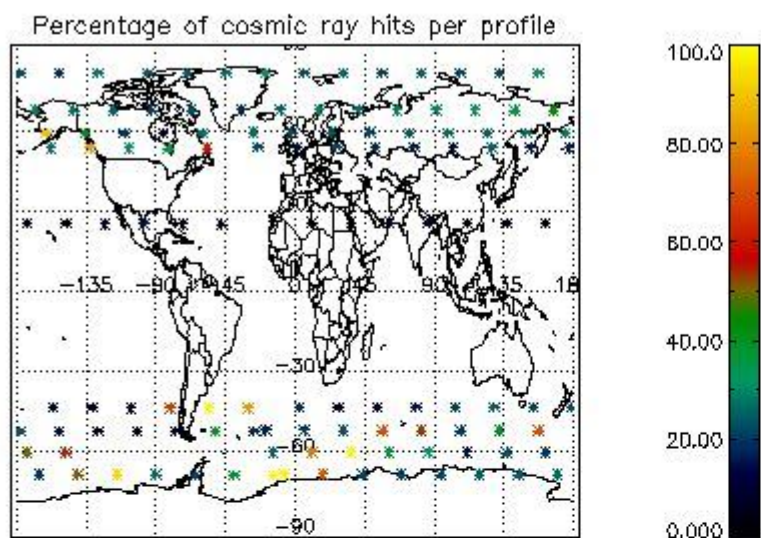


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

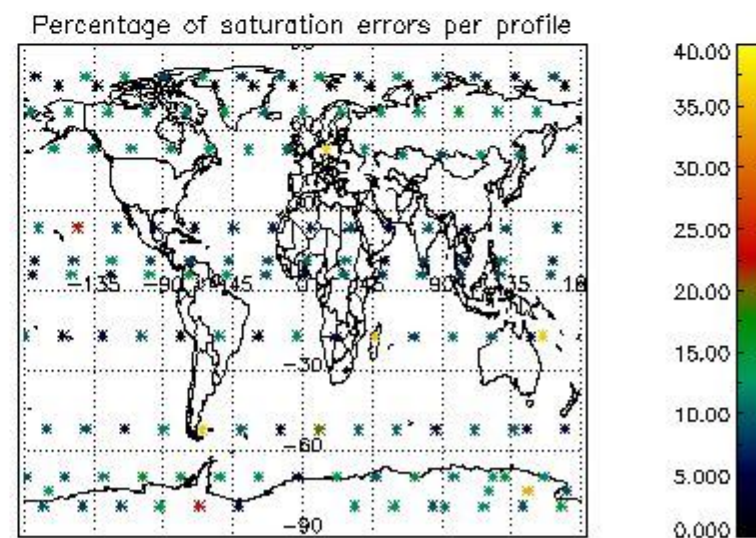
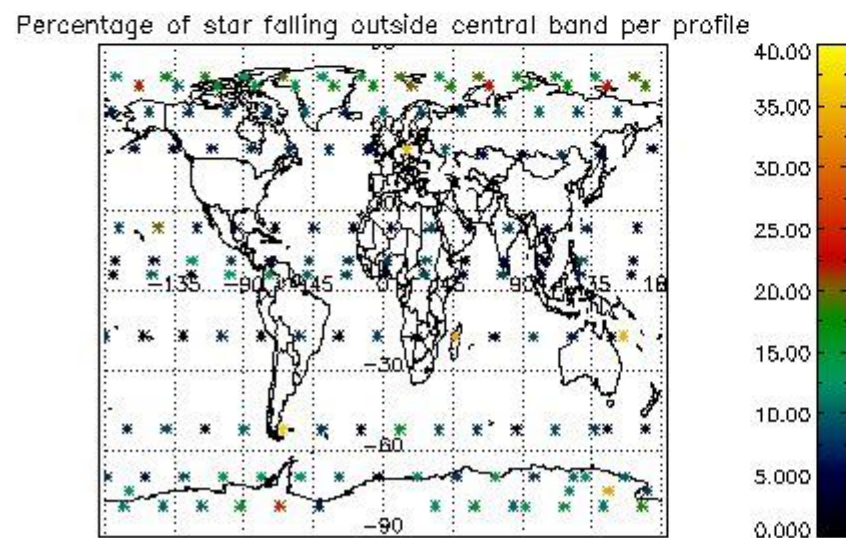
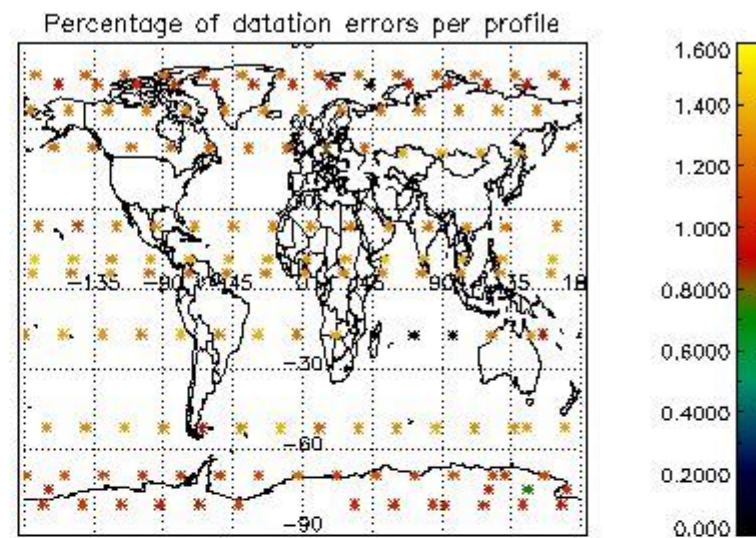
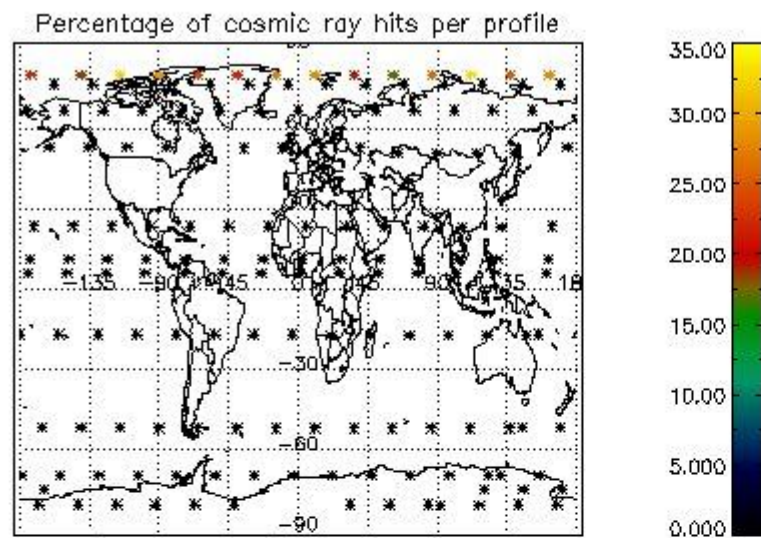


4.2 Plot quality information per product coming from level 1b processing (world map)

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

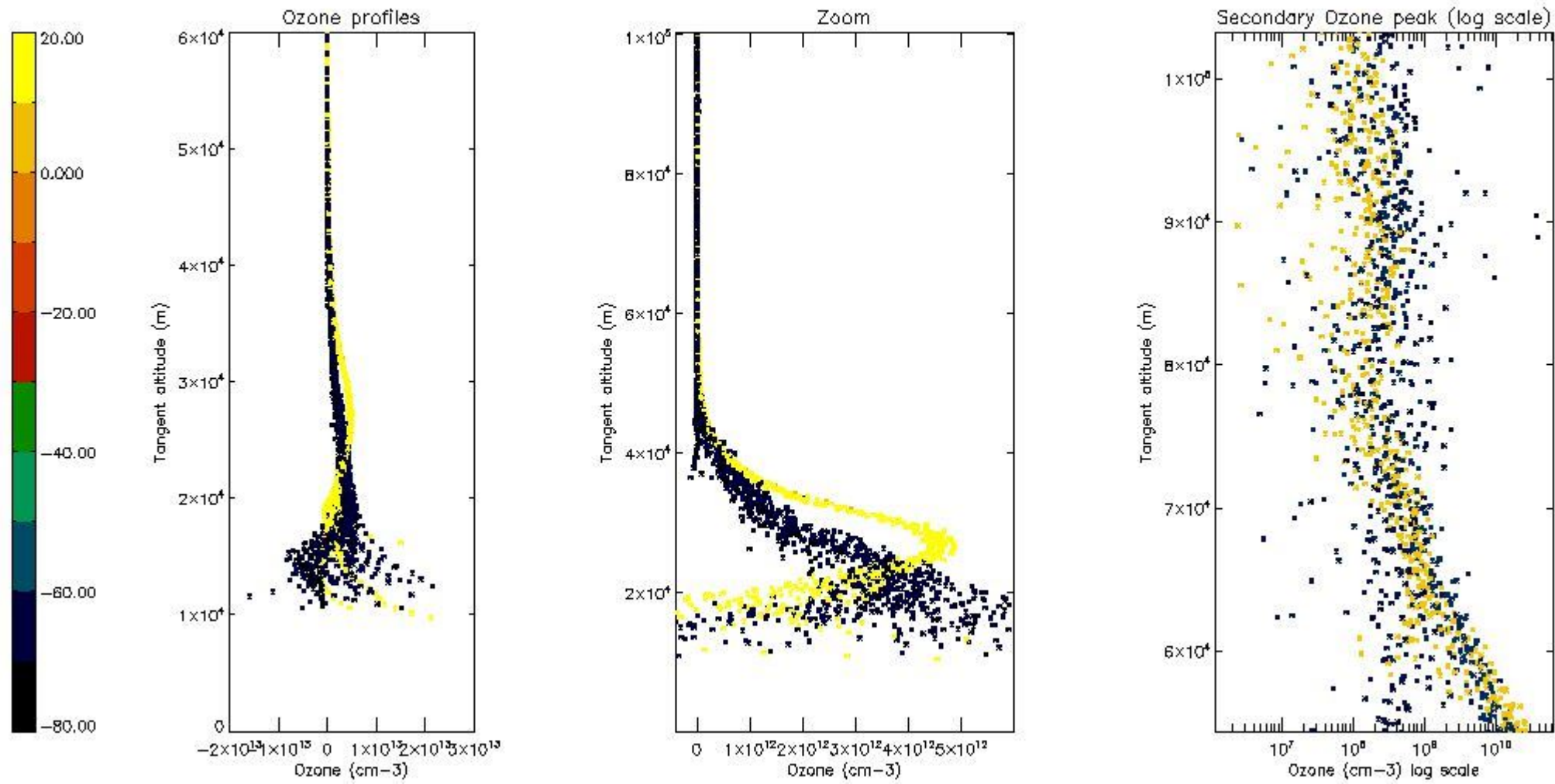
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	18
STD < 20	6

STD < 10	2
STD < 5	1

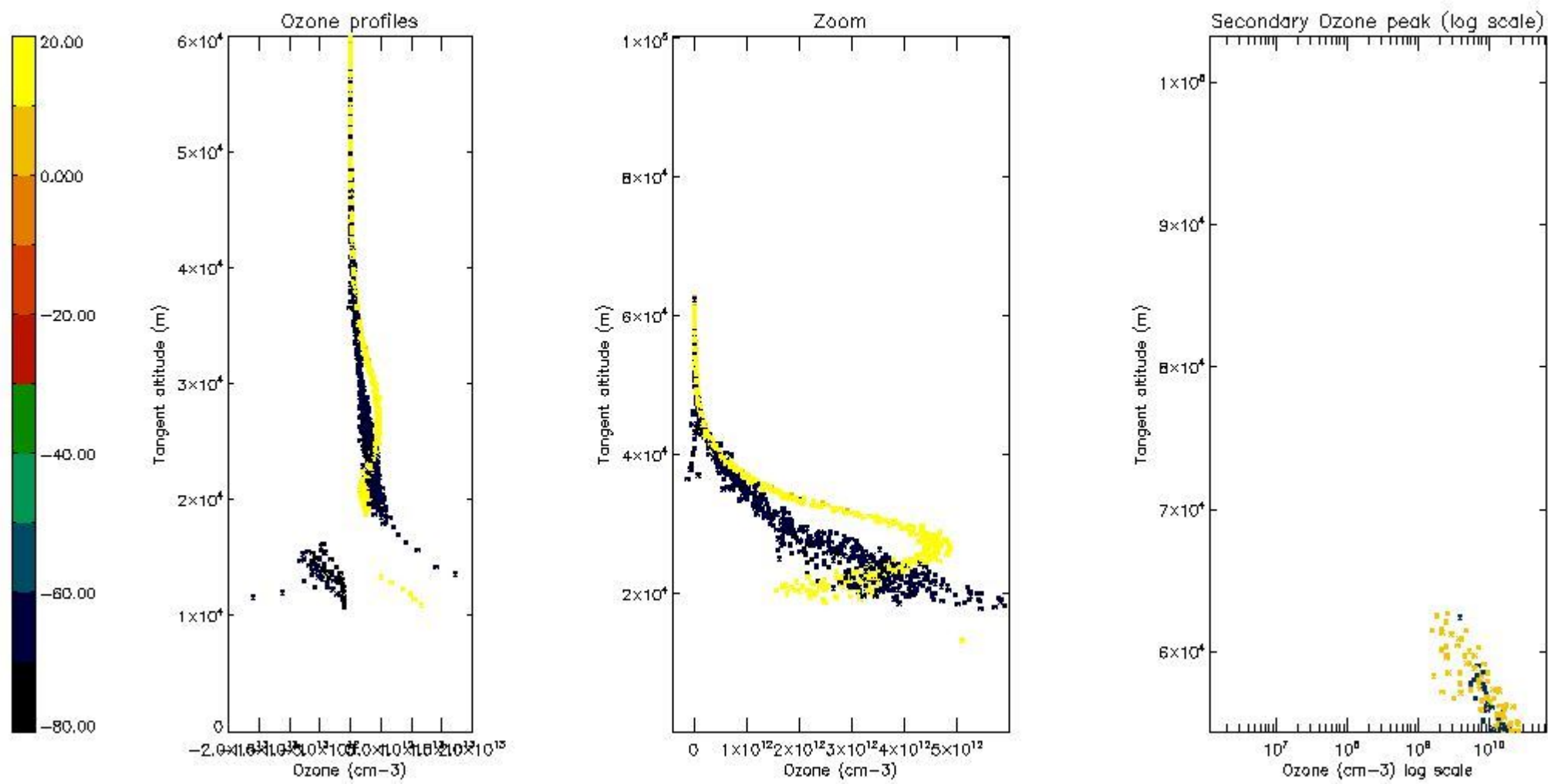
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



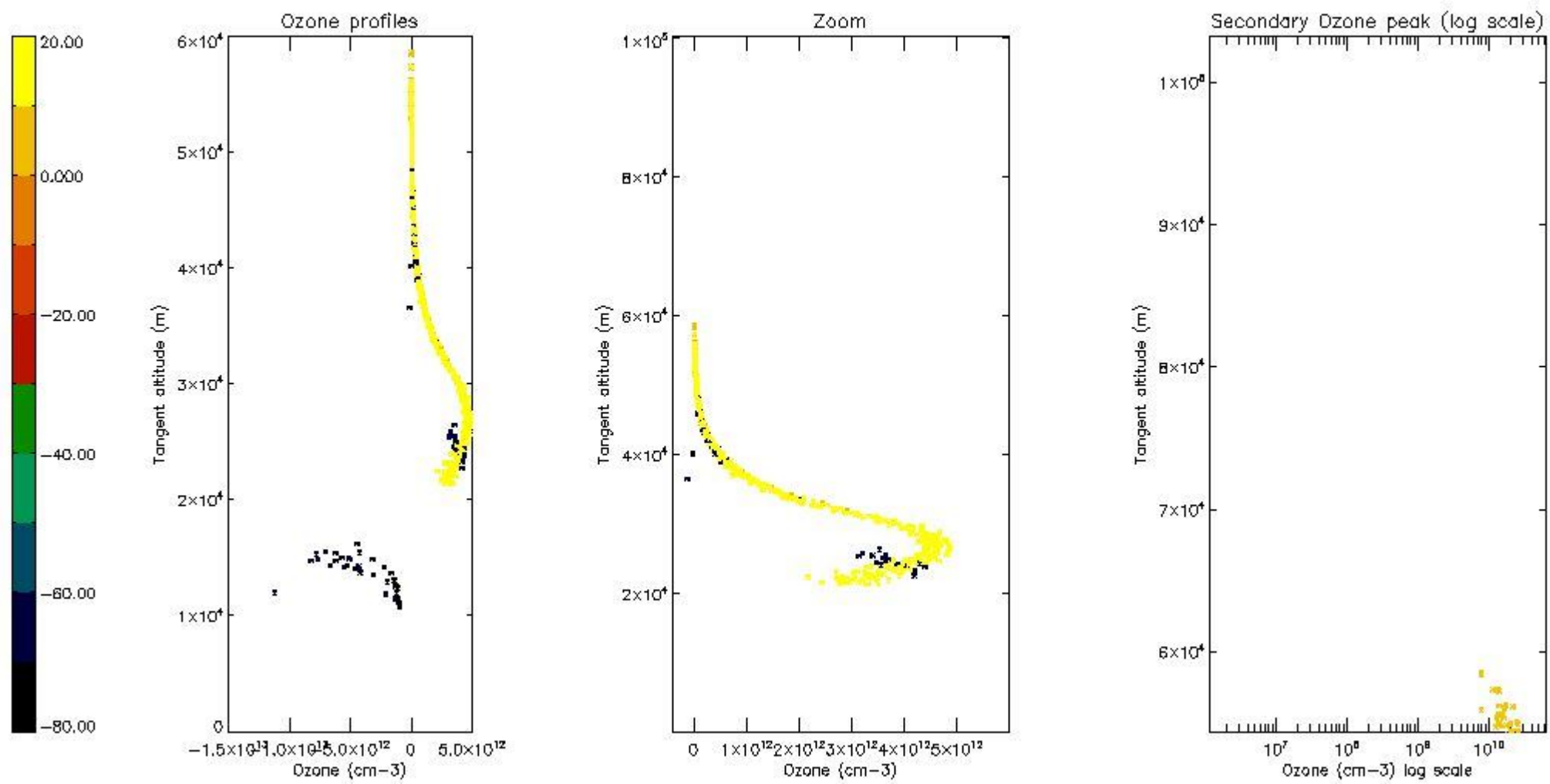
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



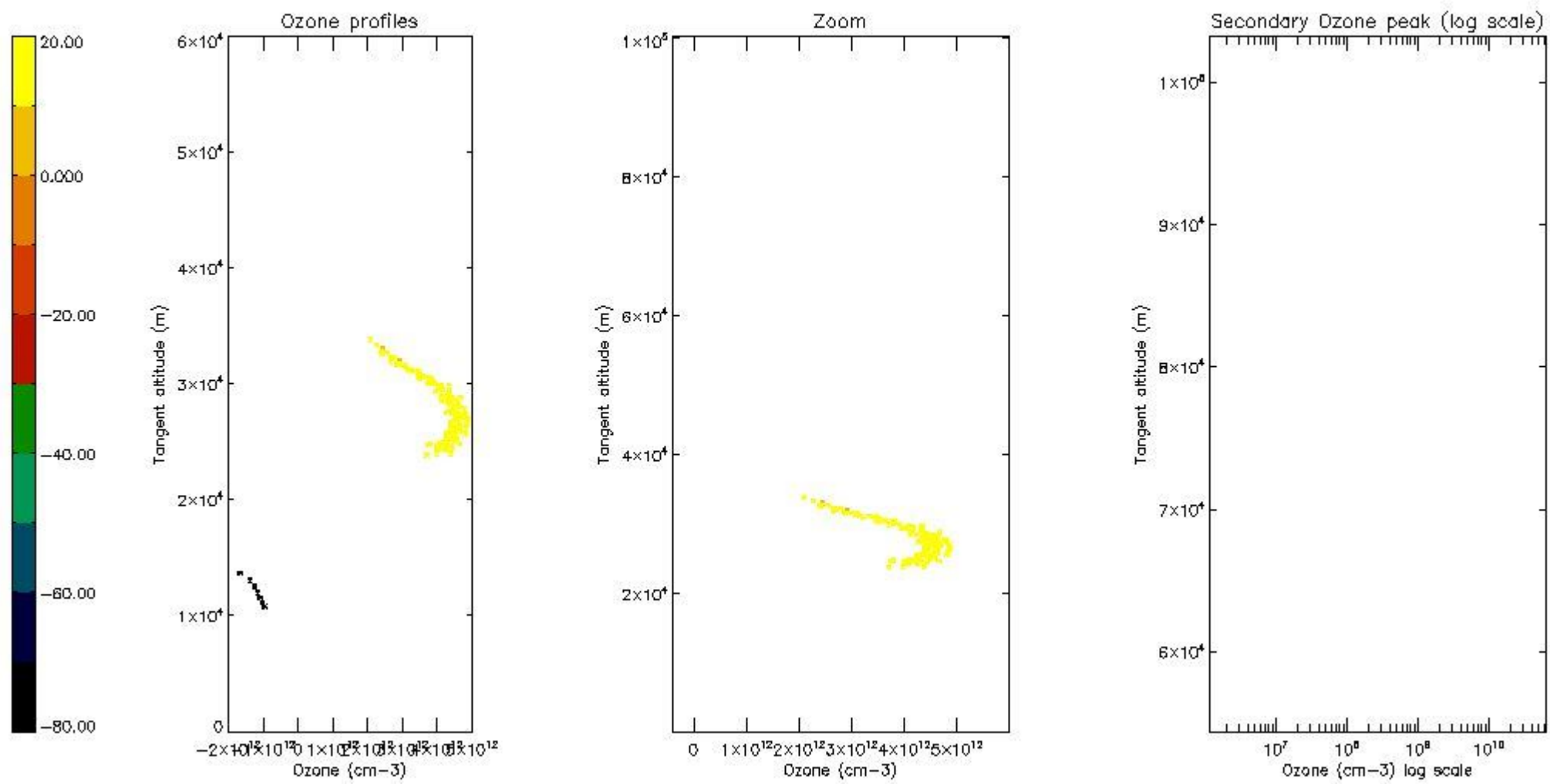
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



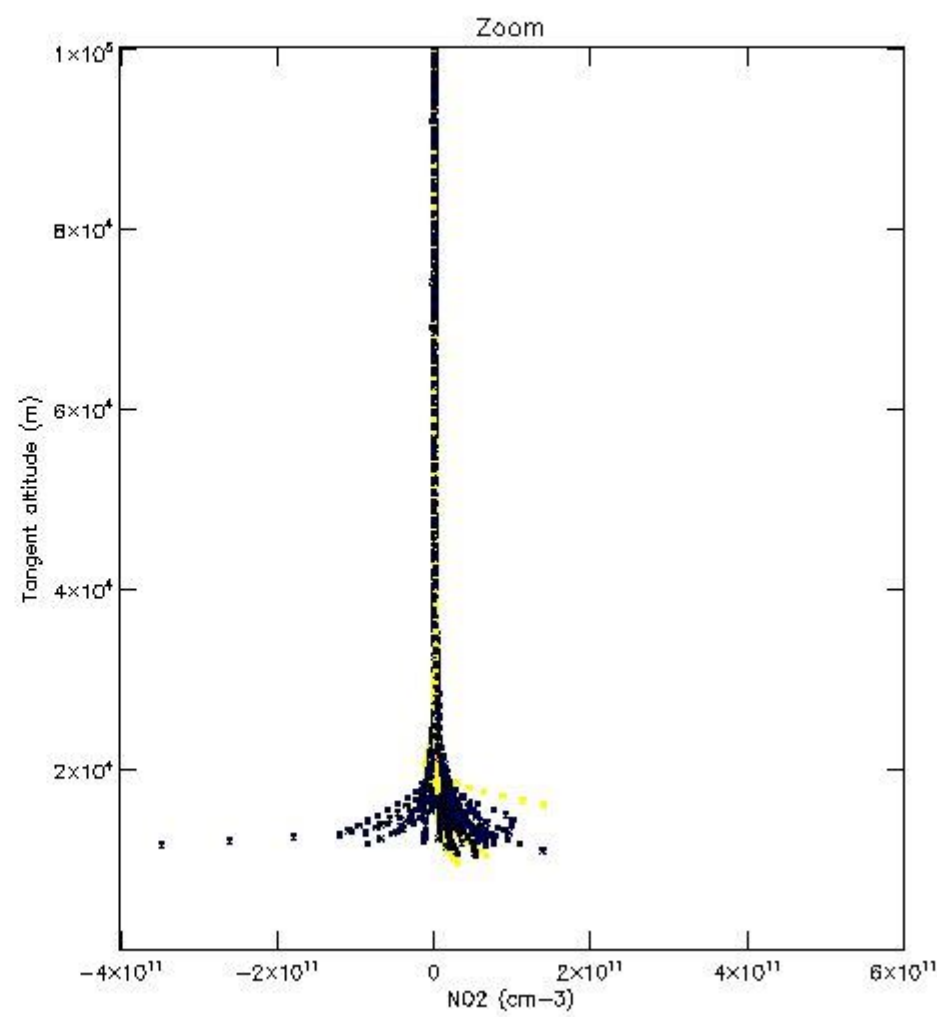
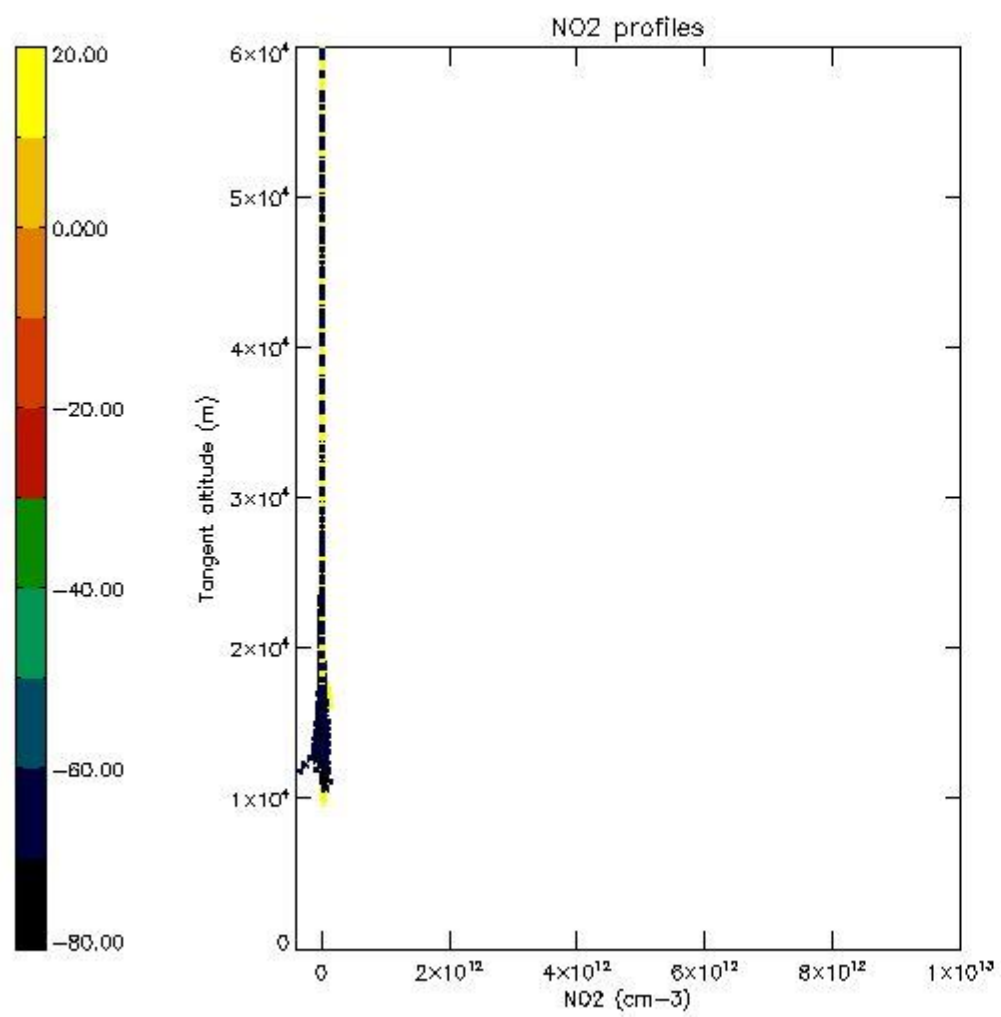
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



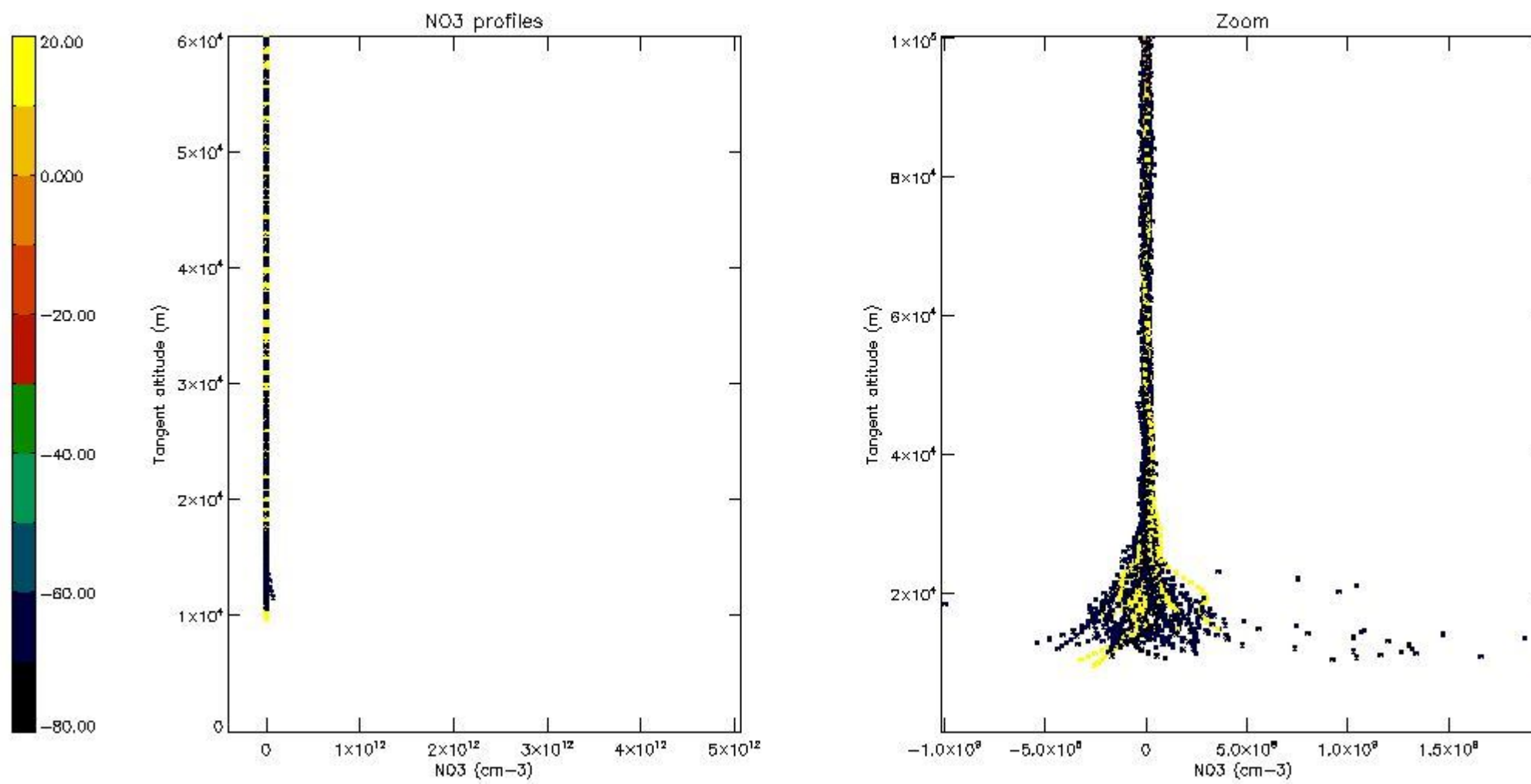
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

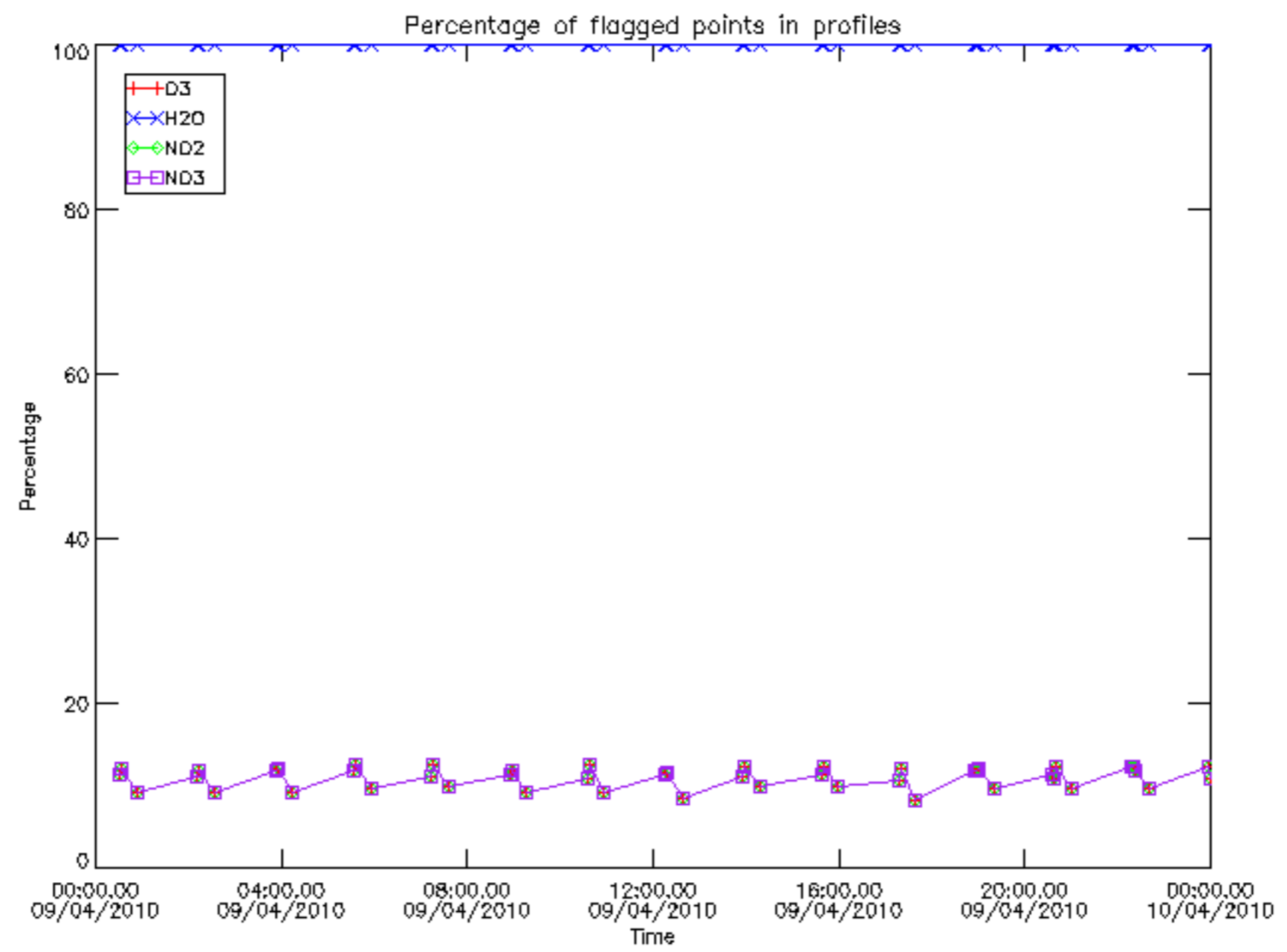
The colorbar represents the latitude.



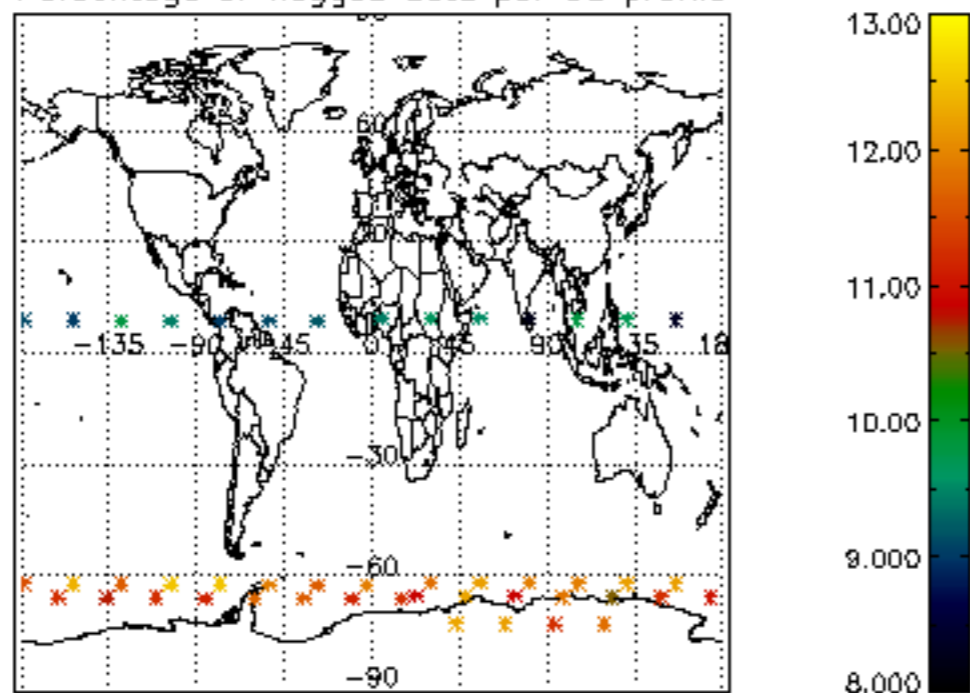
6. Auxiliary Data Files used for the production reported in section 2

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

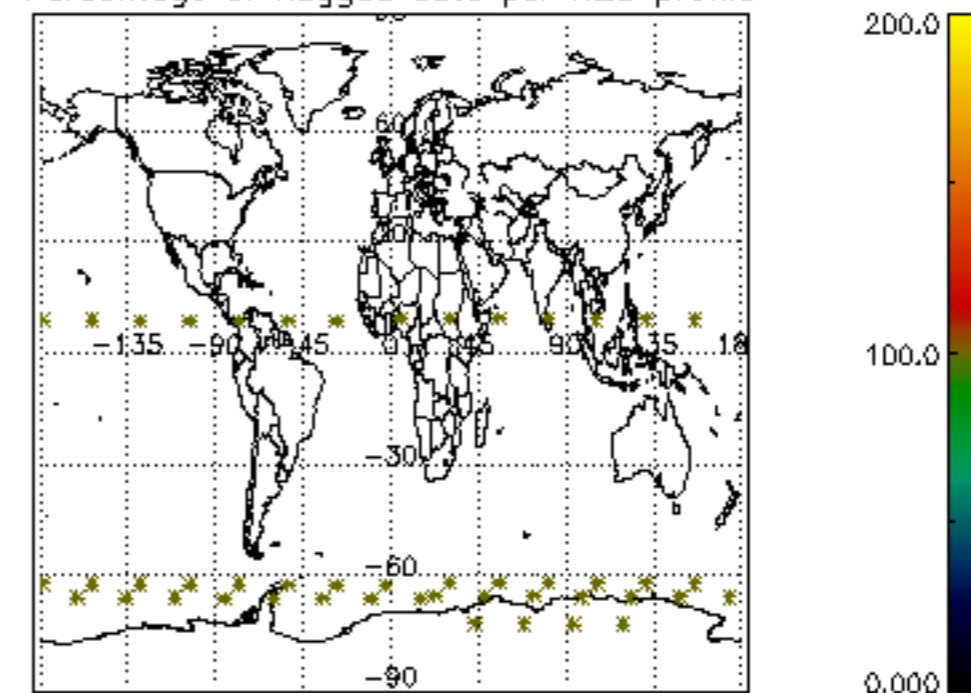
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-APR-2010 00:00:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-APR-2010 00:00:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-APR-2010 00:00:29



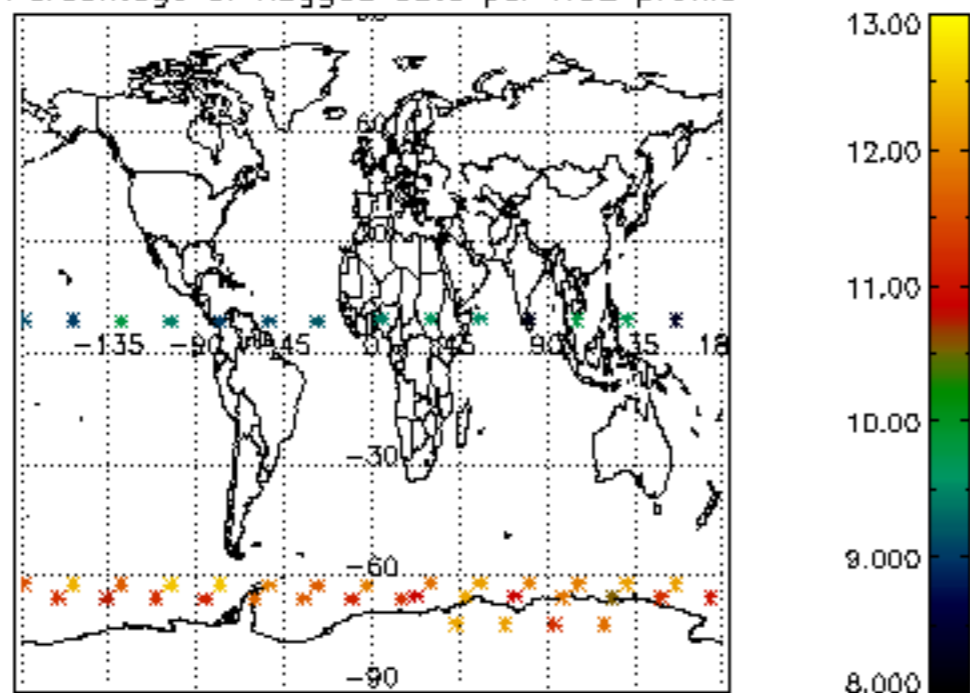
Percentage of flagged data per D3 profile



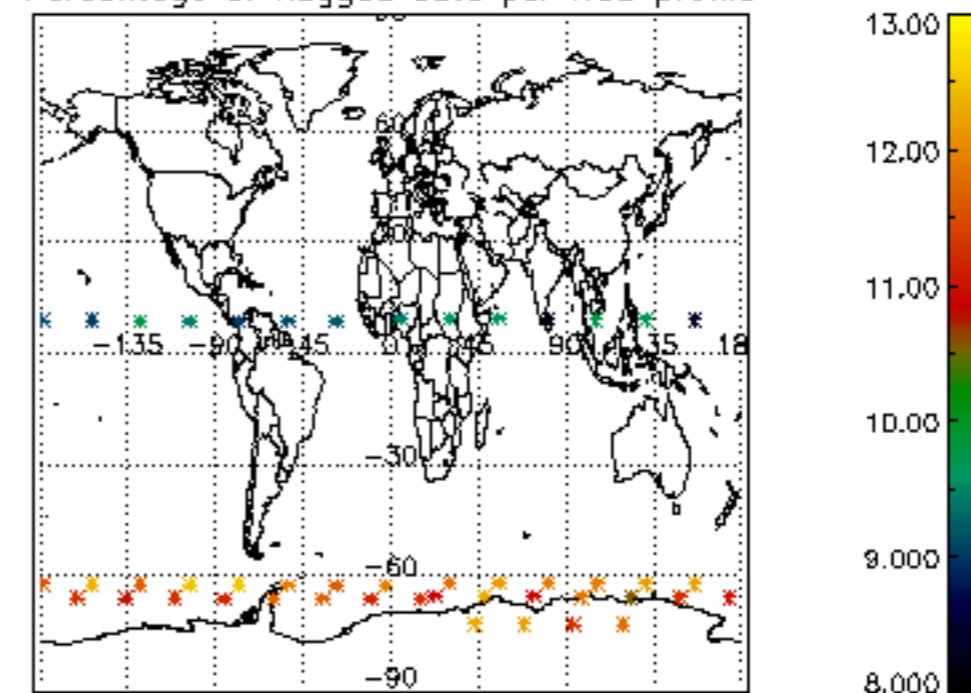
Percentage of flagged data per H2O profile

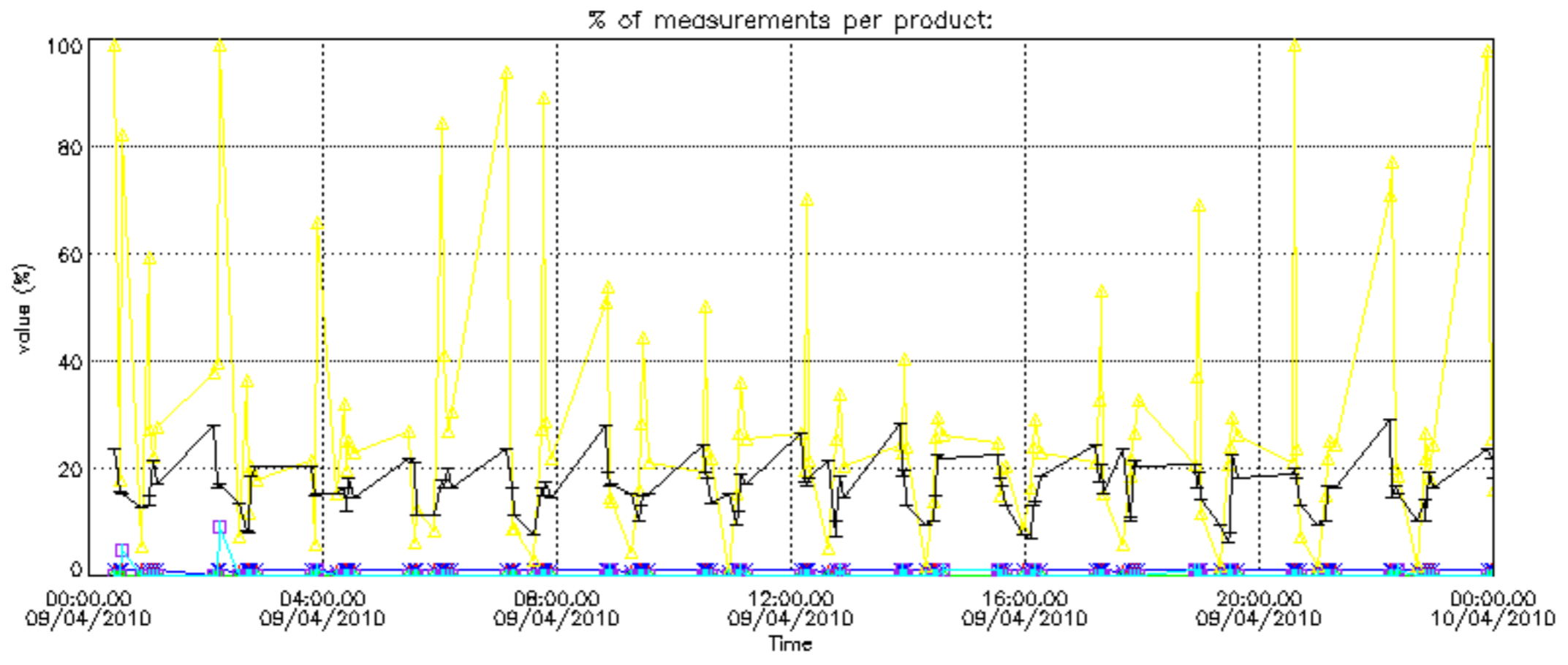


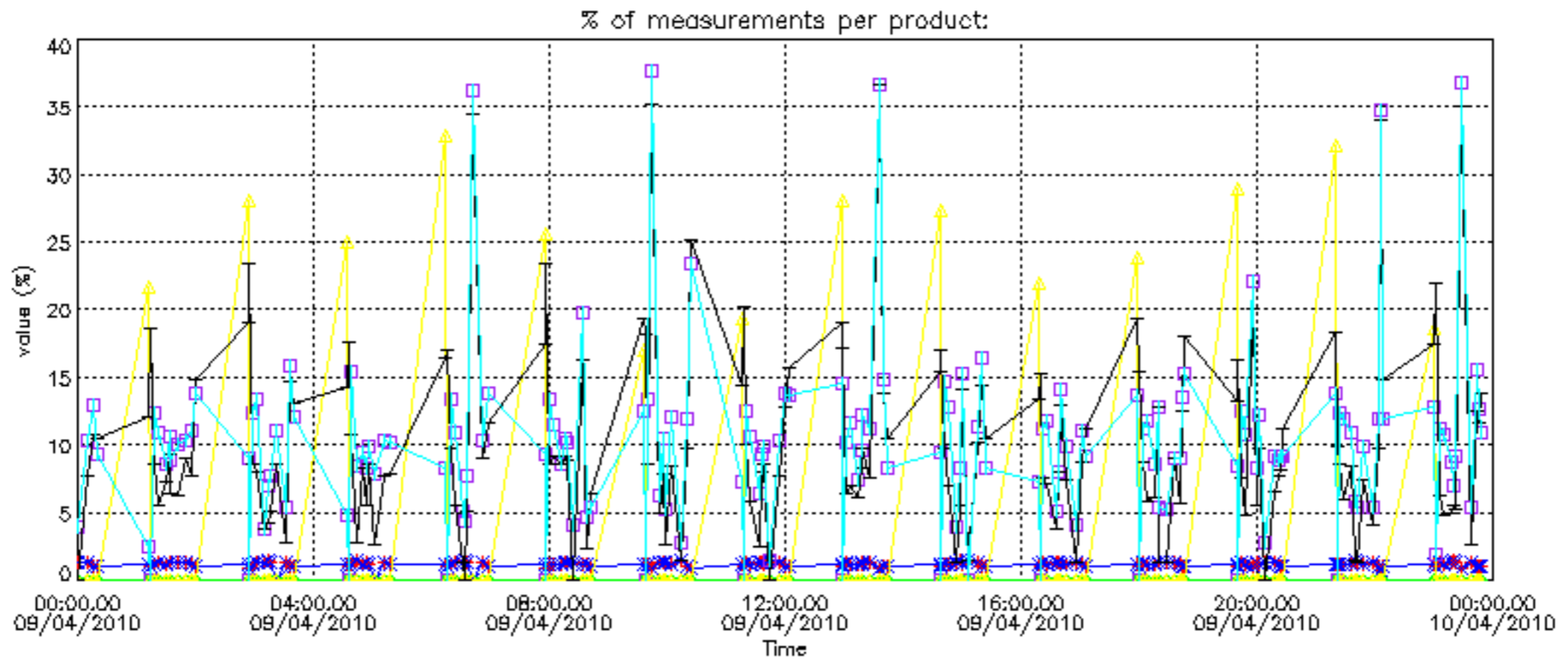
Percentage of flagged data per NO2 profile



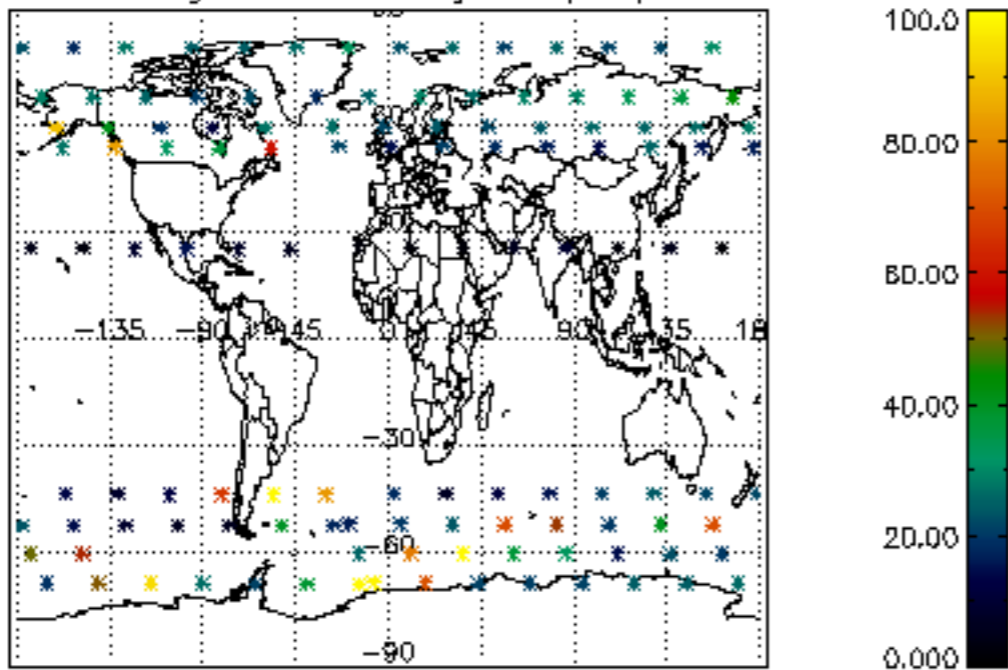
Percentage of flagged data per NO3 profile



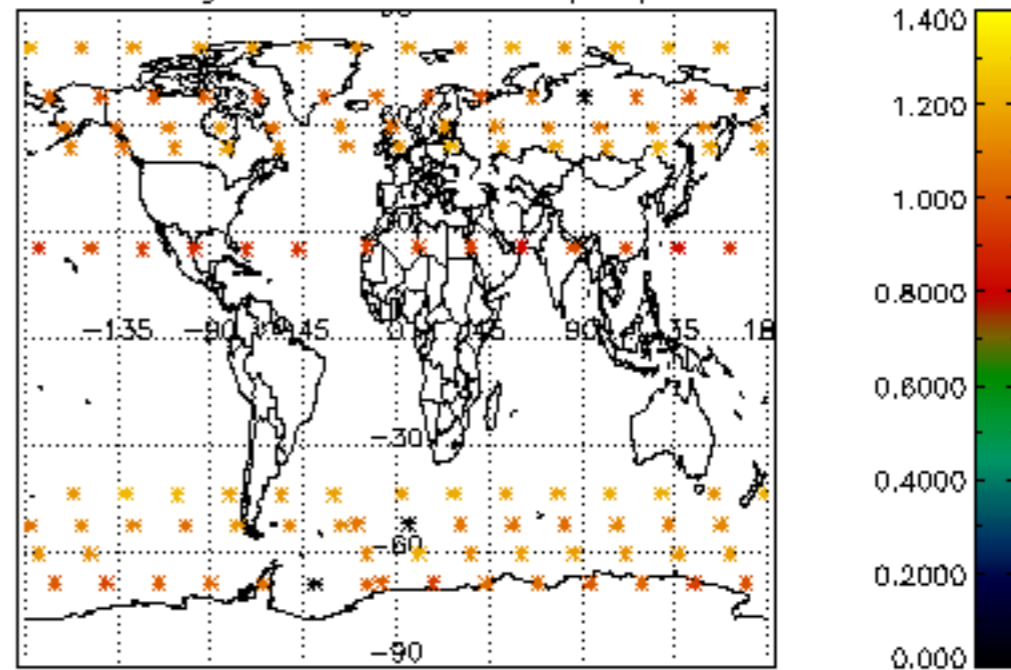




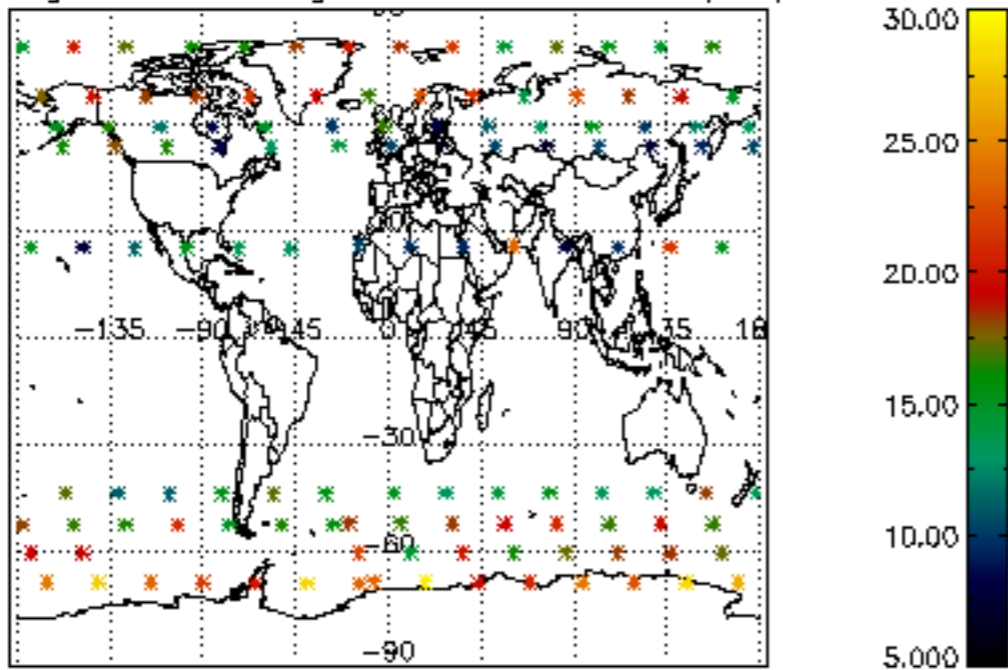
Percentage of cosmic ray hits per profile



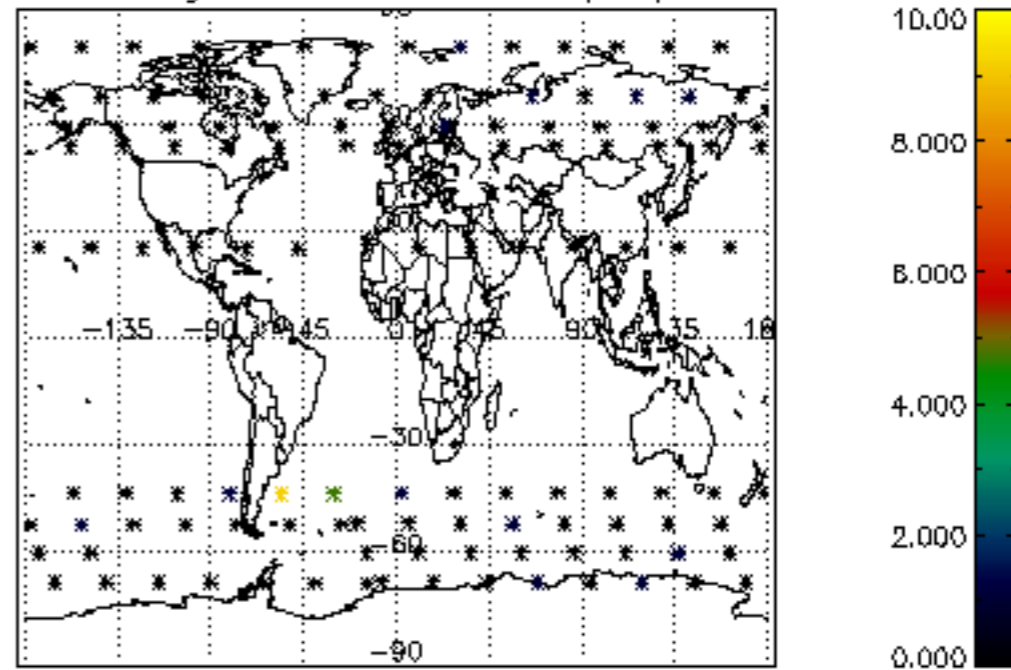
Percentage of datation errors per profile



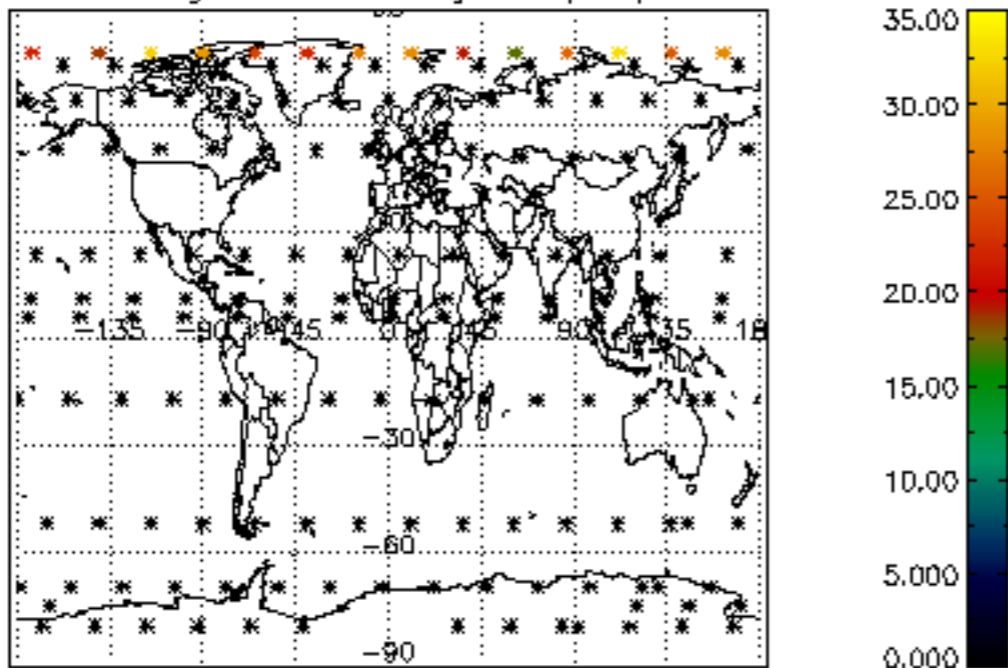
Percentage of star falling outside central band per profile



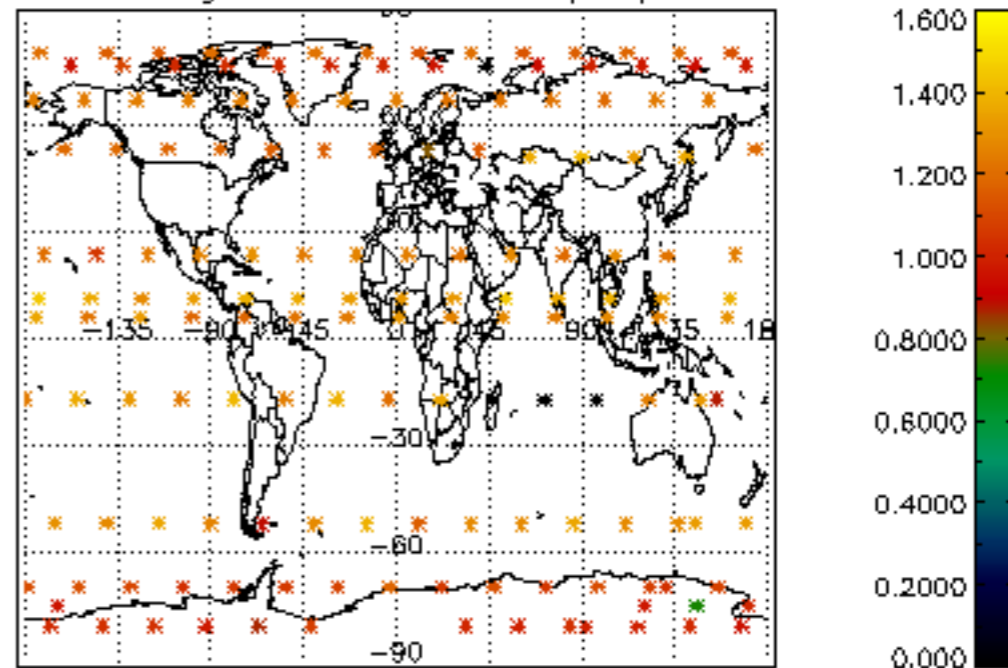
Percentage of saturation errors per profile



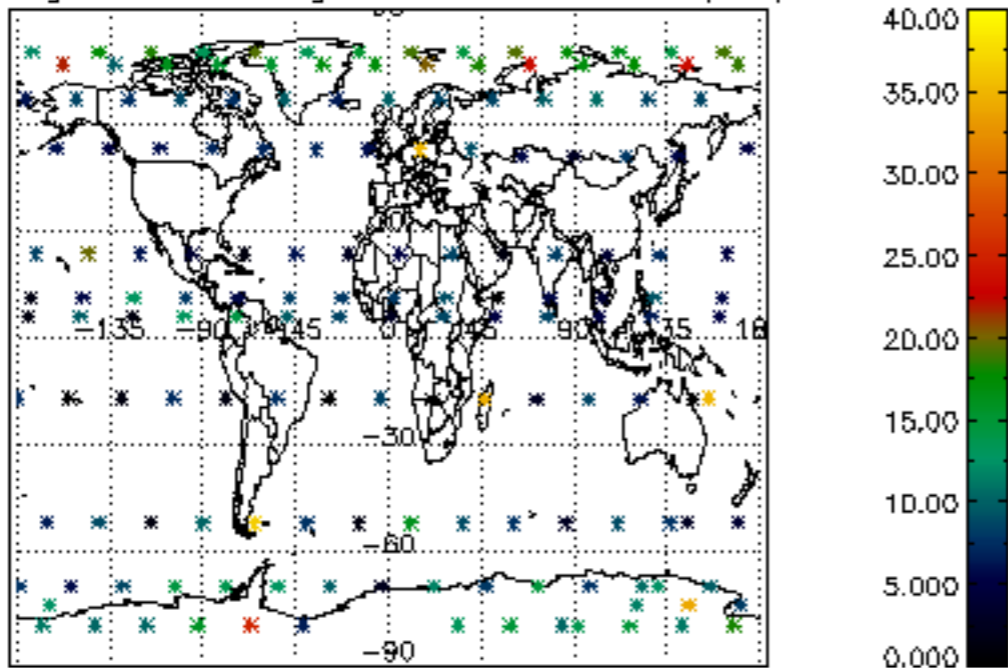
Percentage of cosmic ray hits per profile



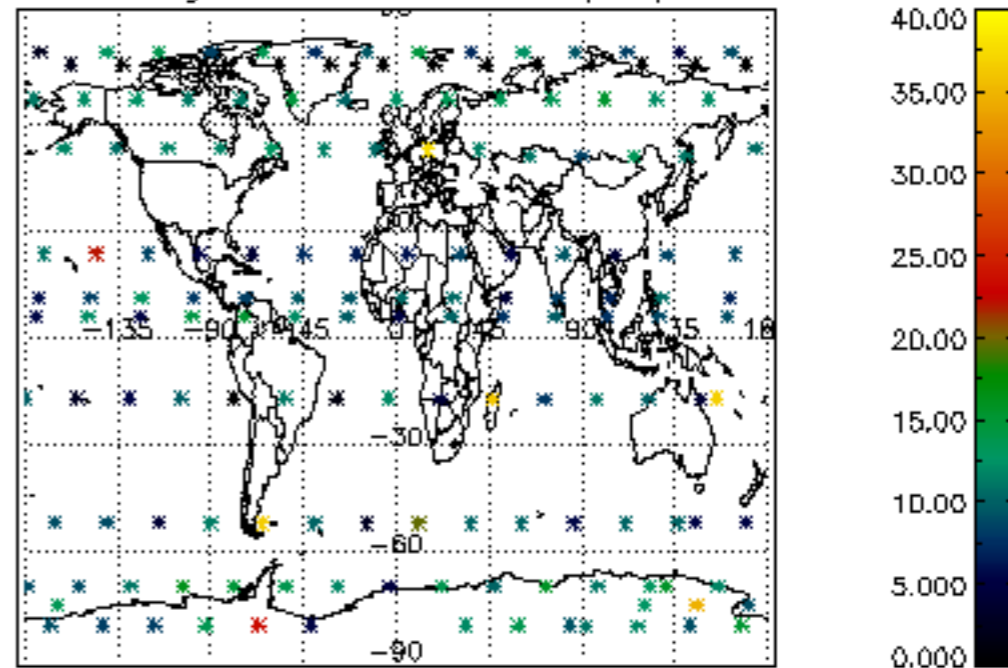
Percentage of datation errors per profile

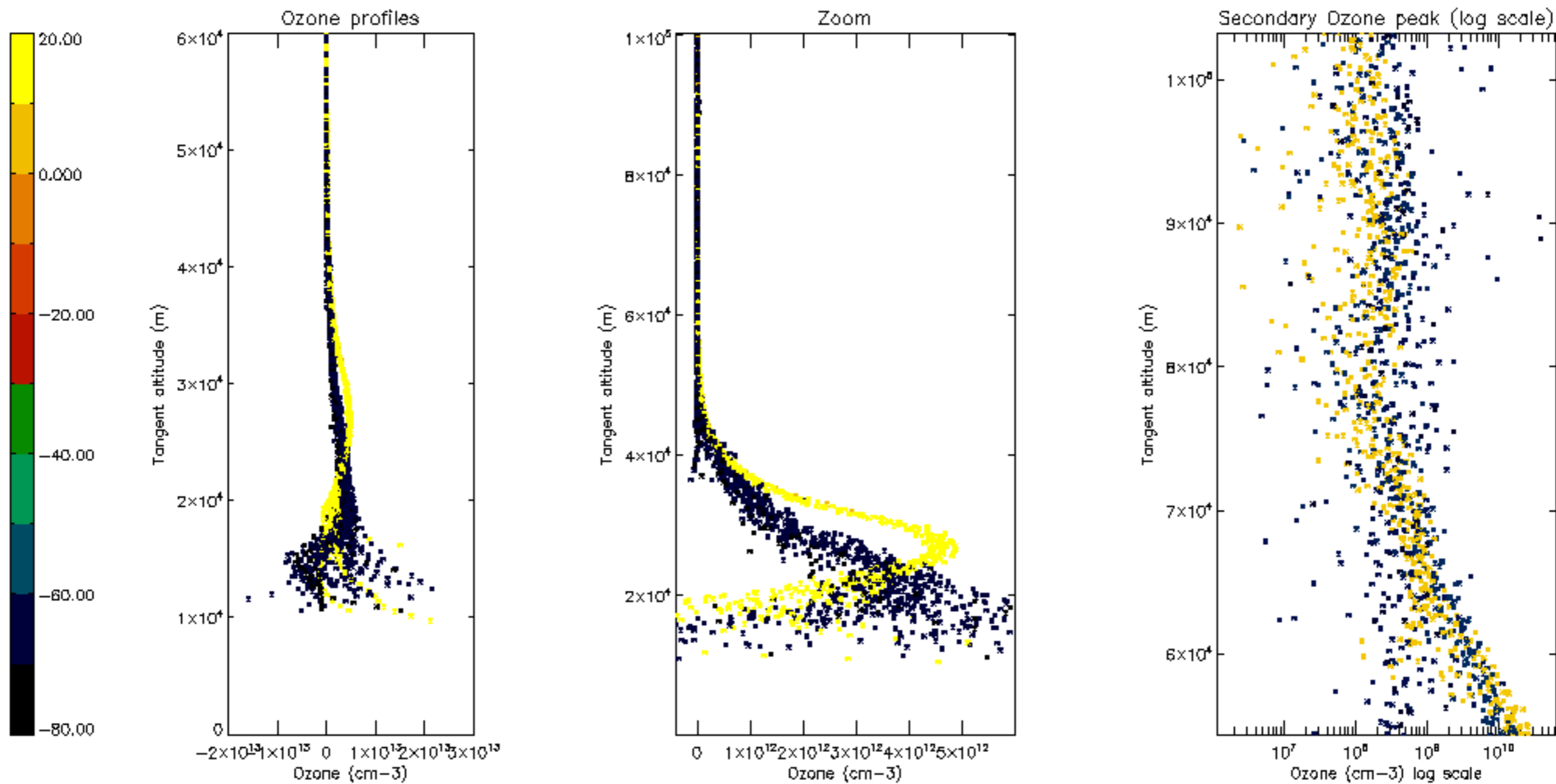


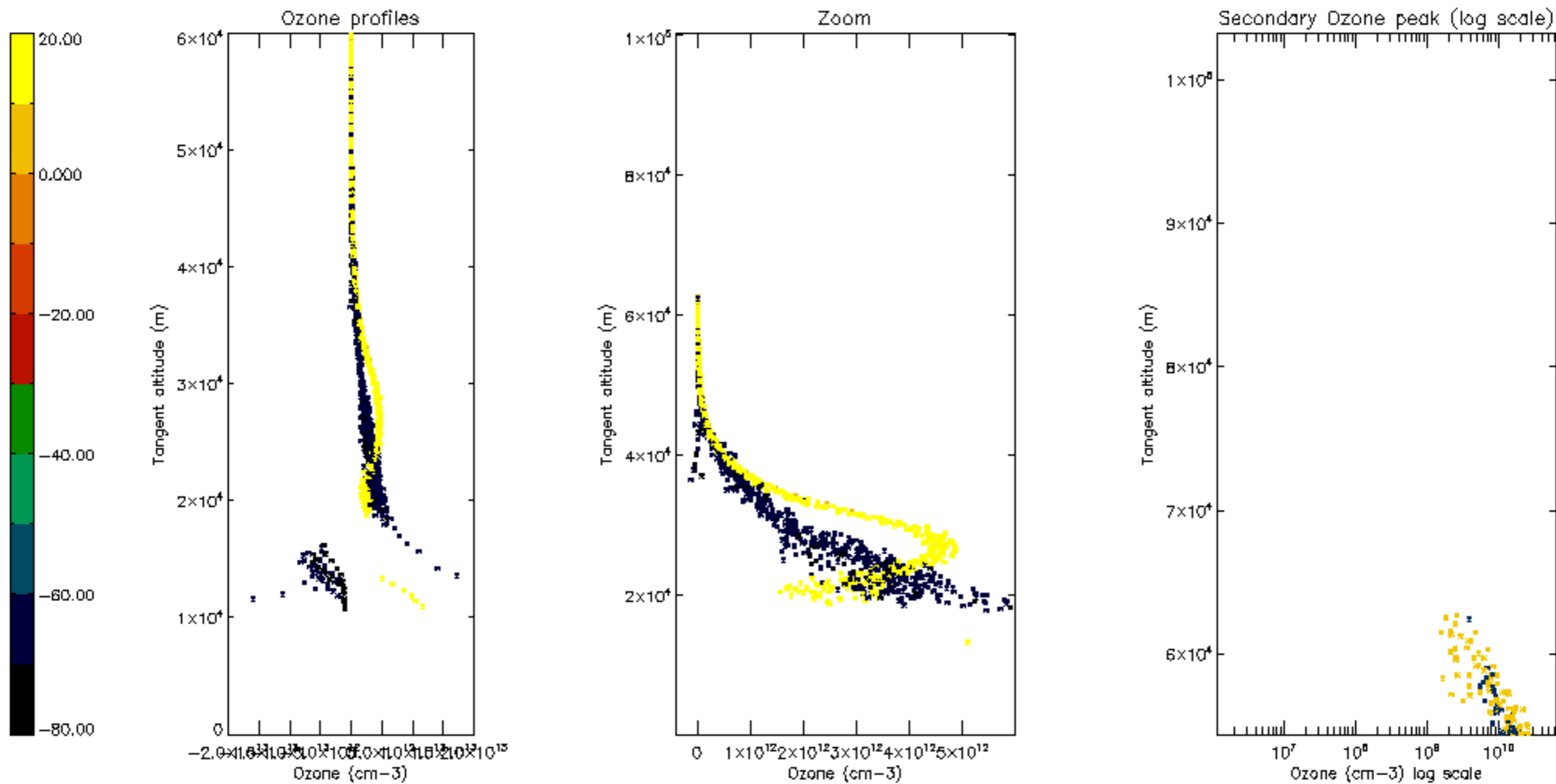
Percentage of star falling outside central band per profile

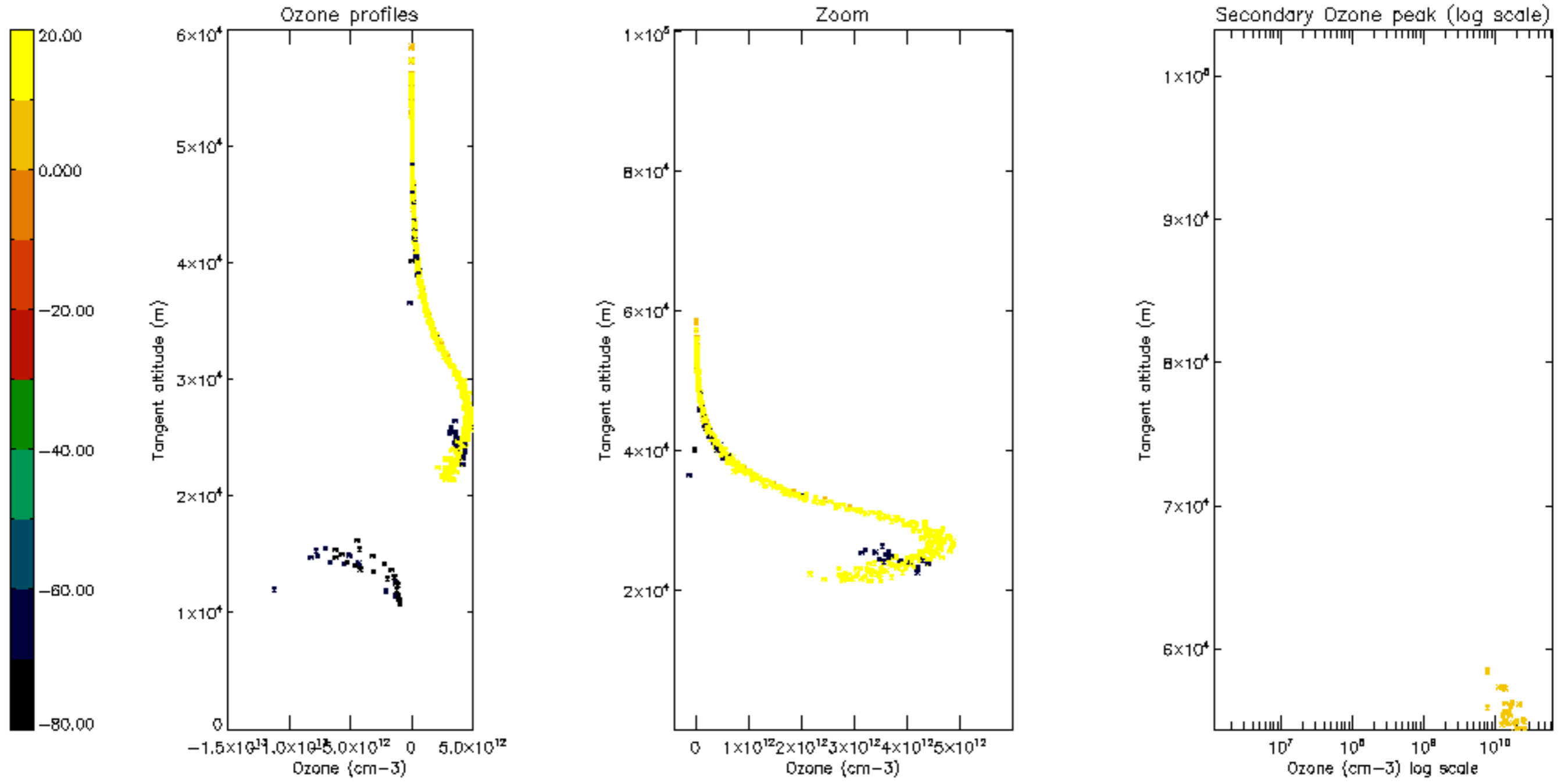


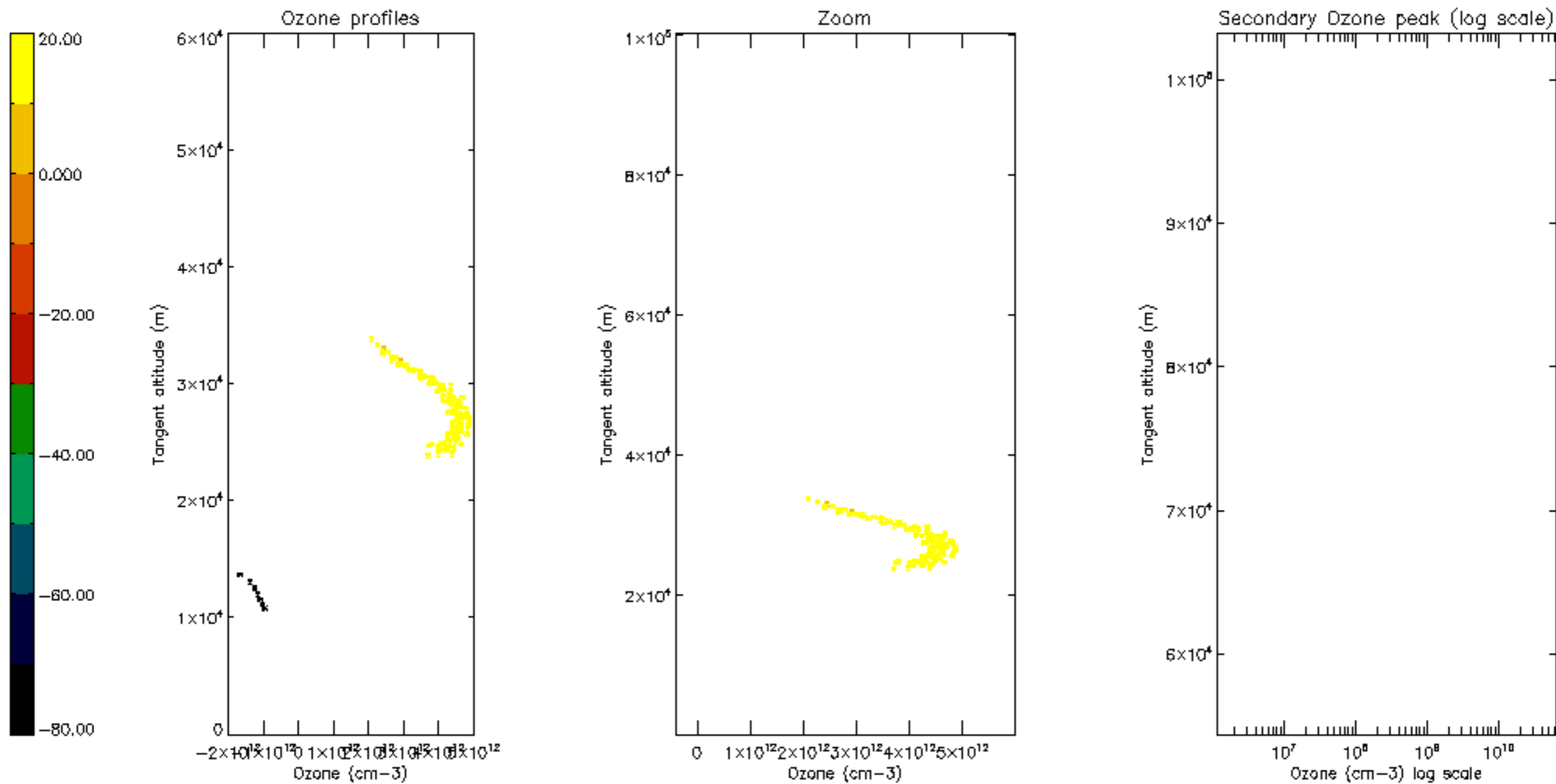
Percentage of saturation errors per profile

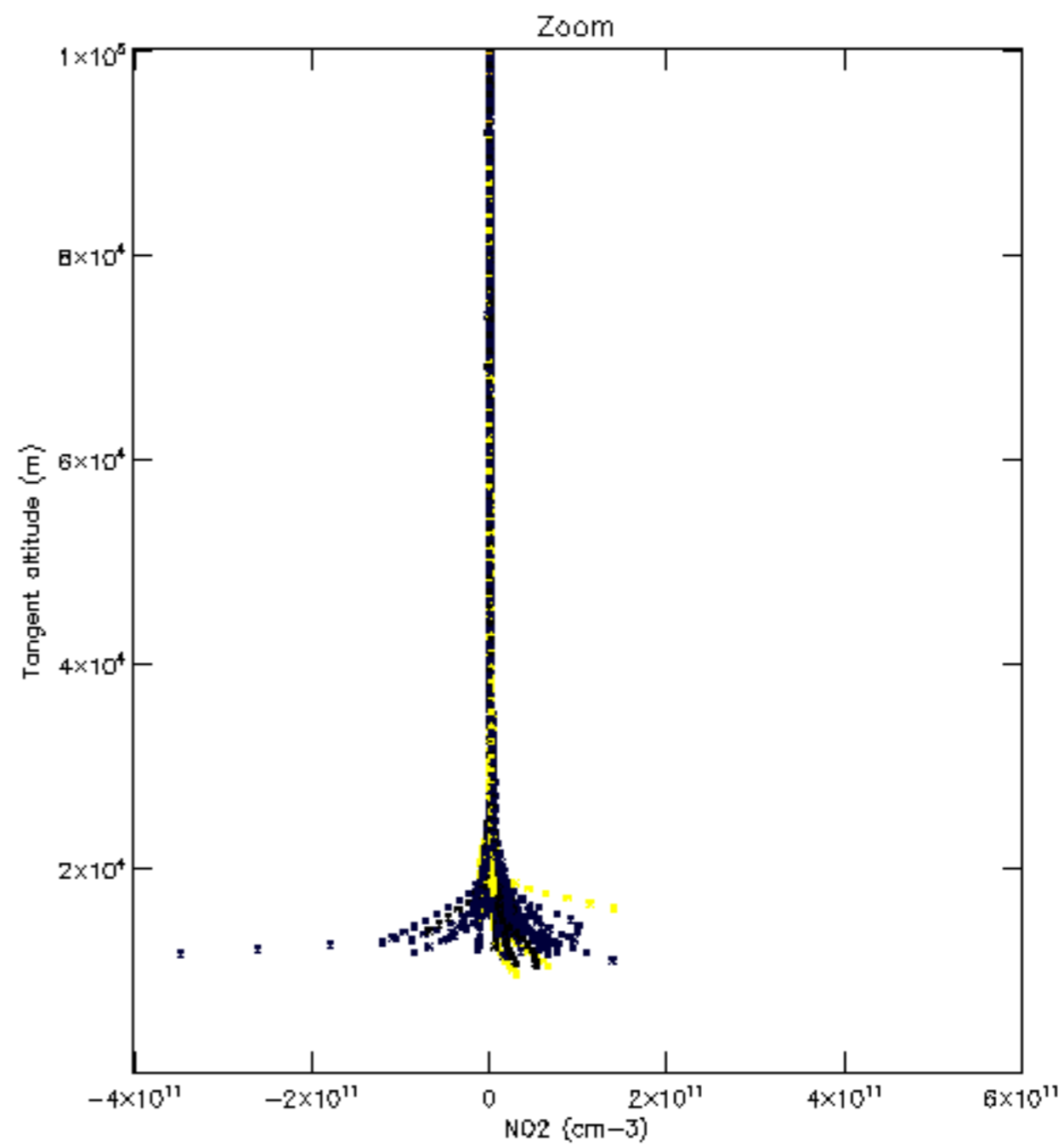
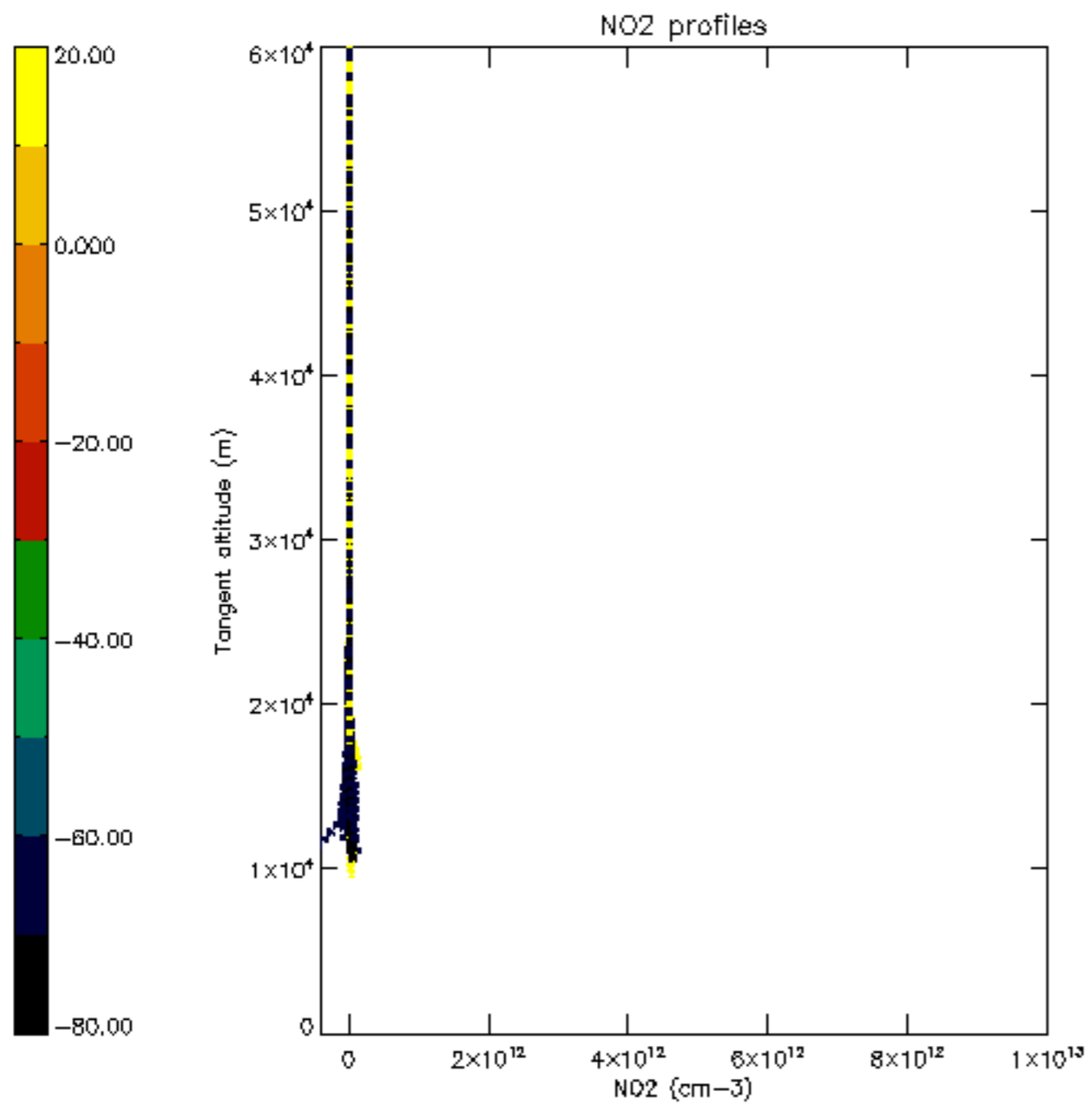


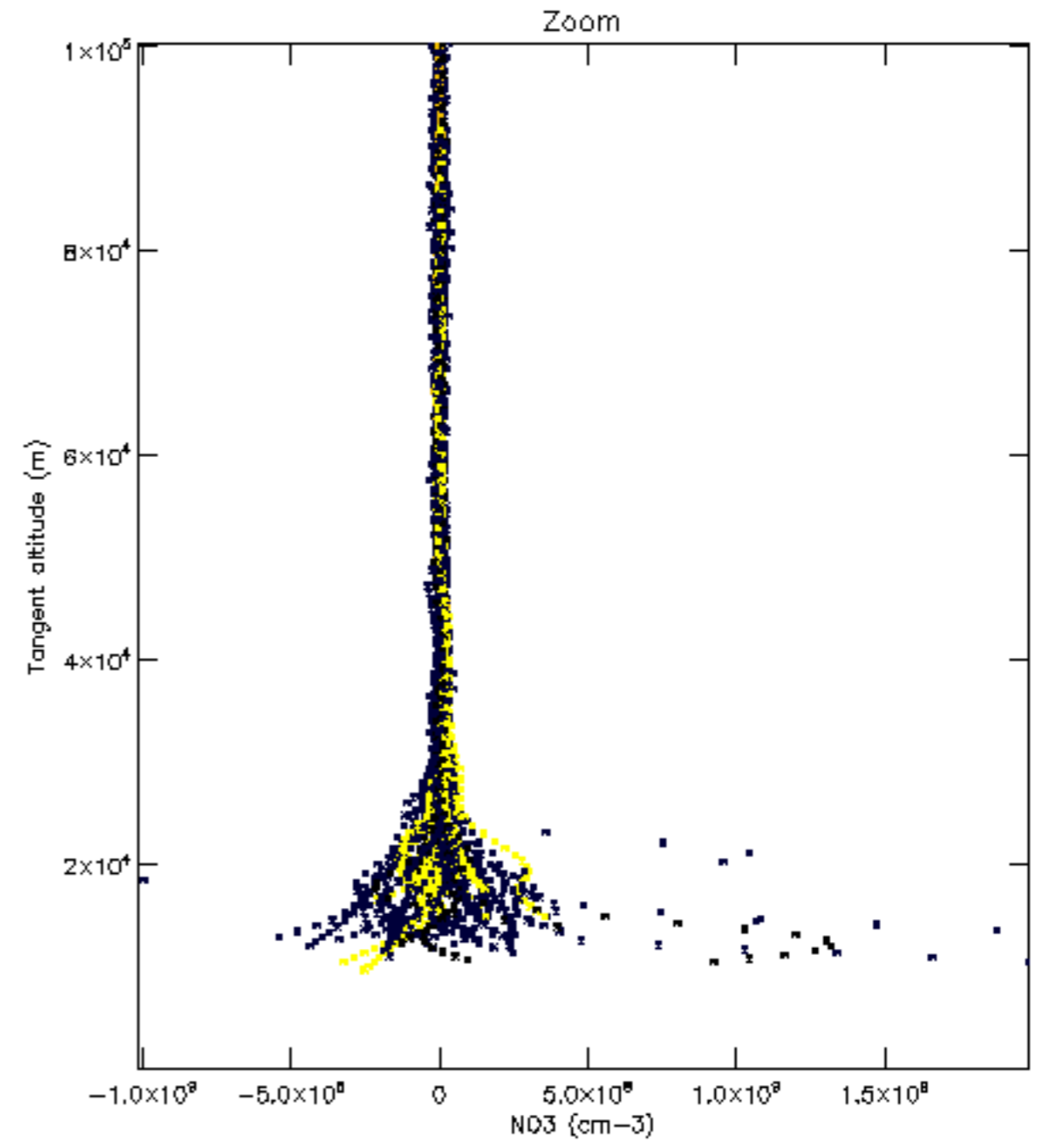
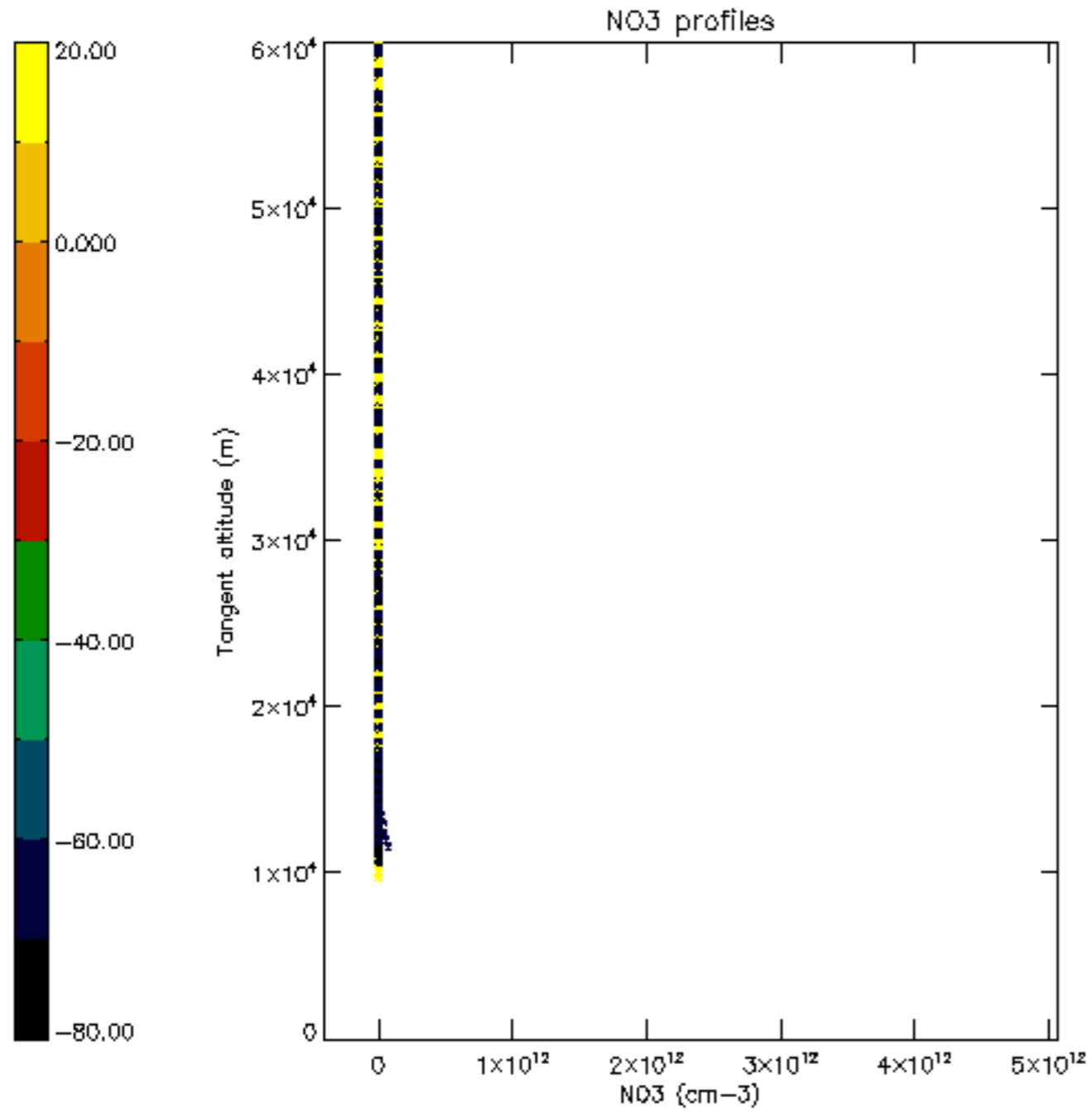


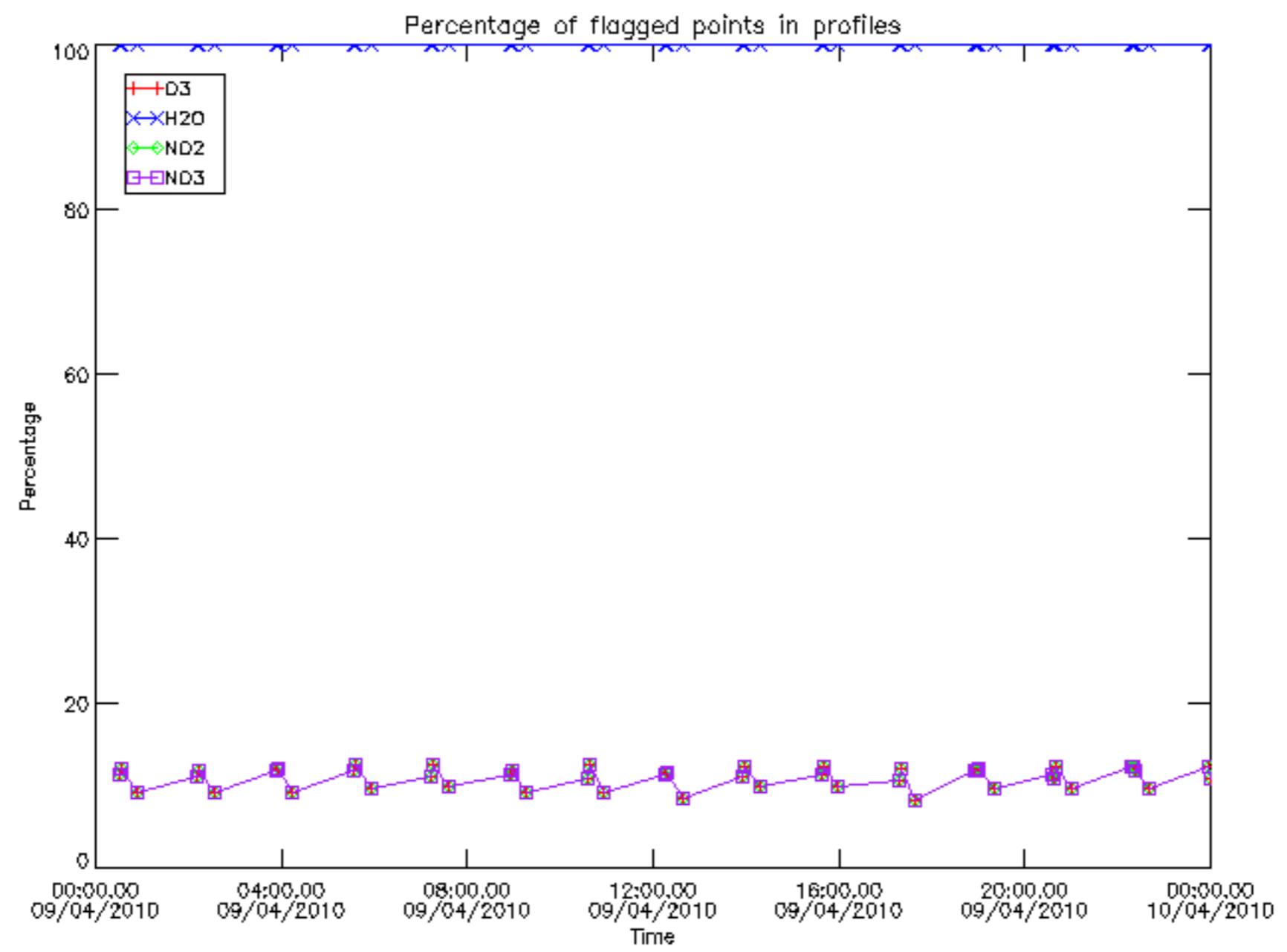




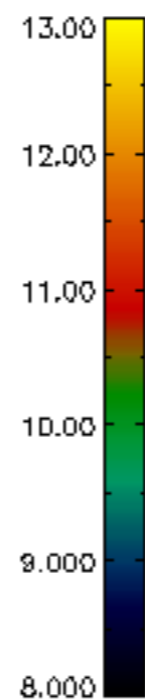
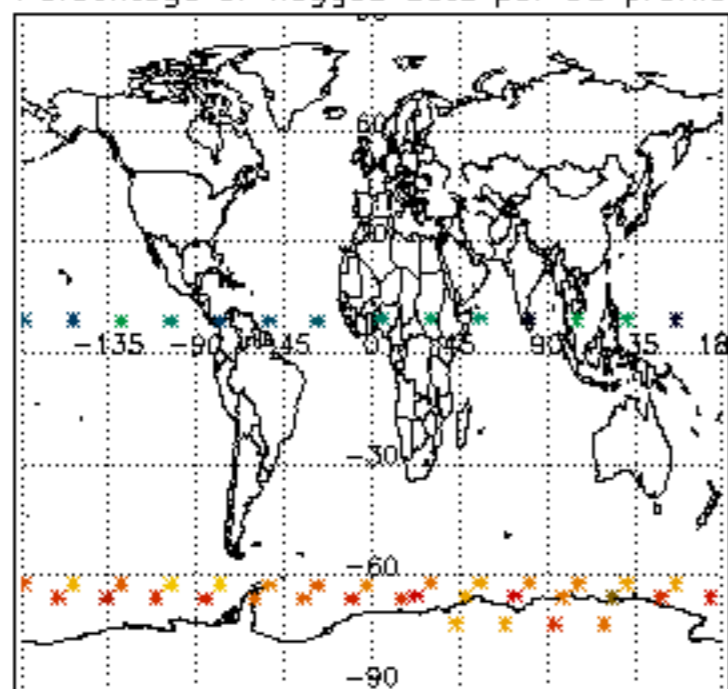




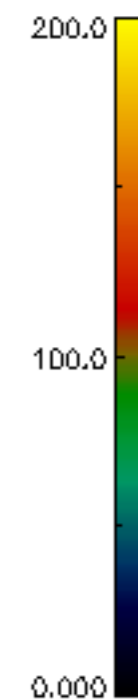
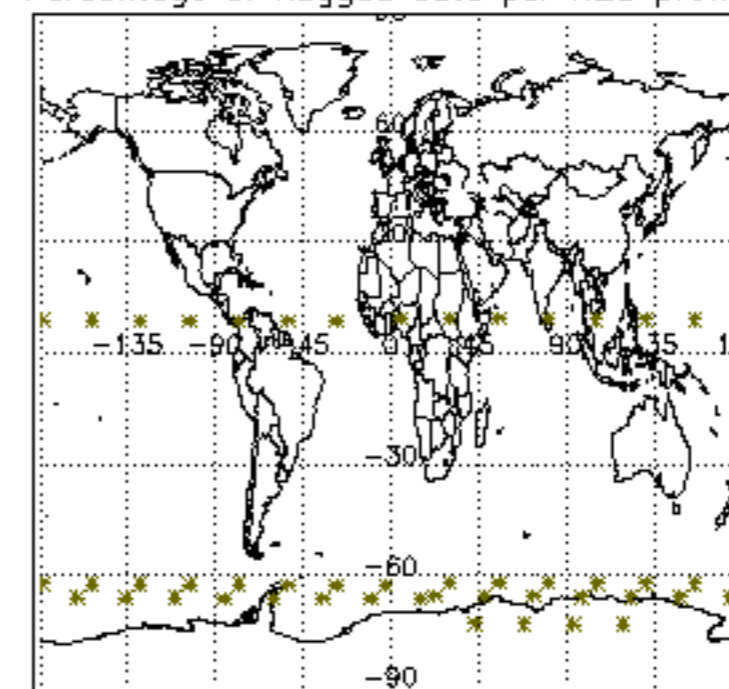




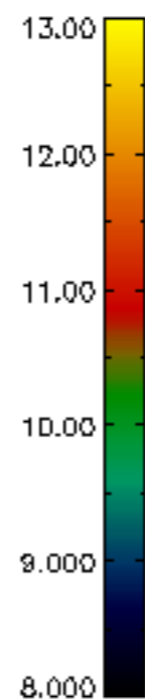
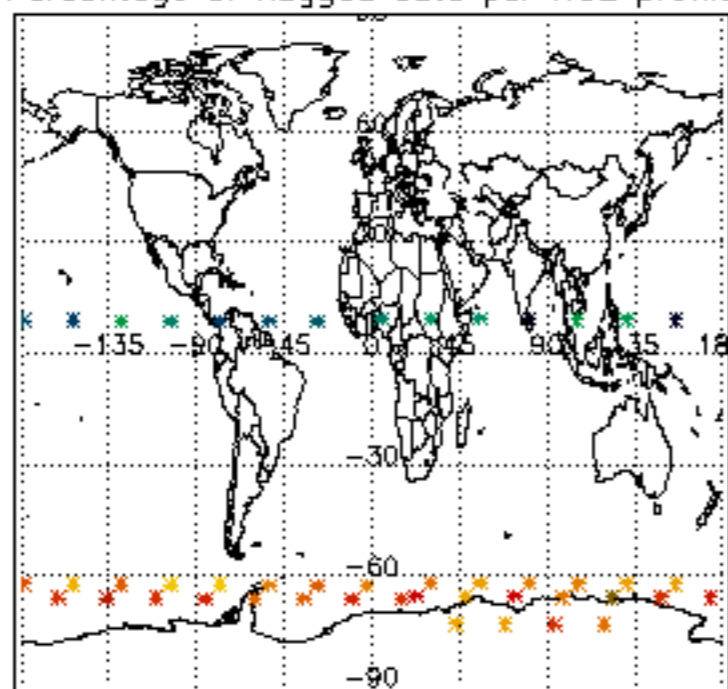
Percentage of flagged data per D3 profile



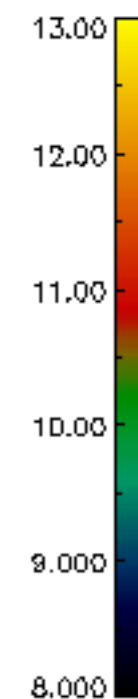
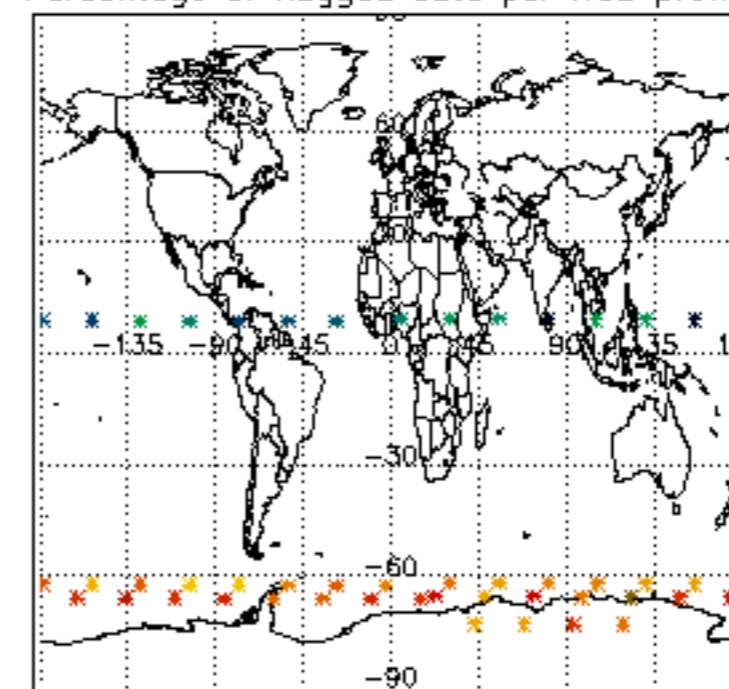
Percentage of flagged data per H2O profile

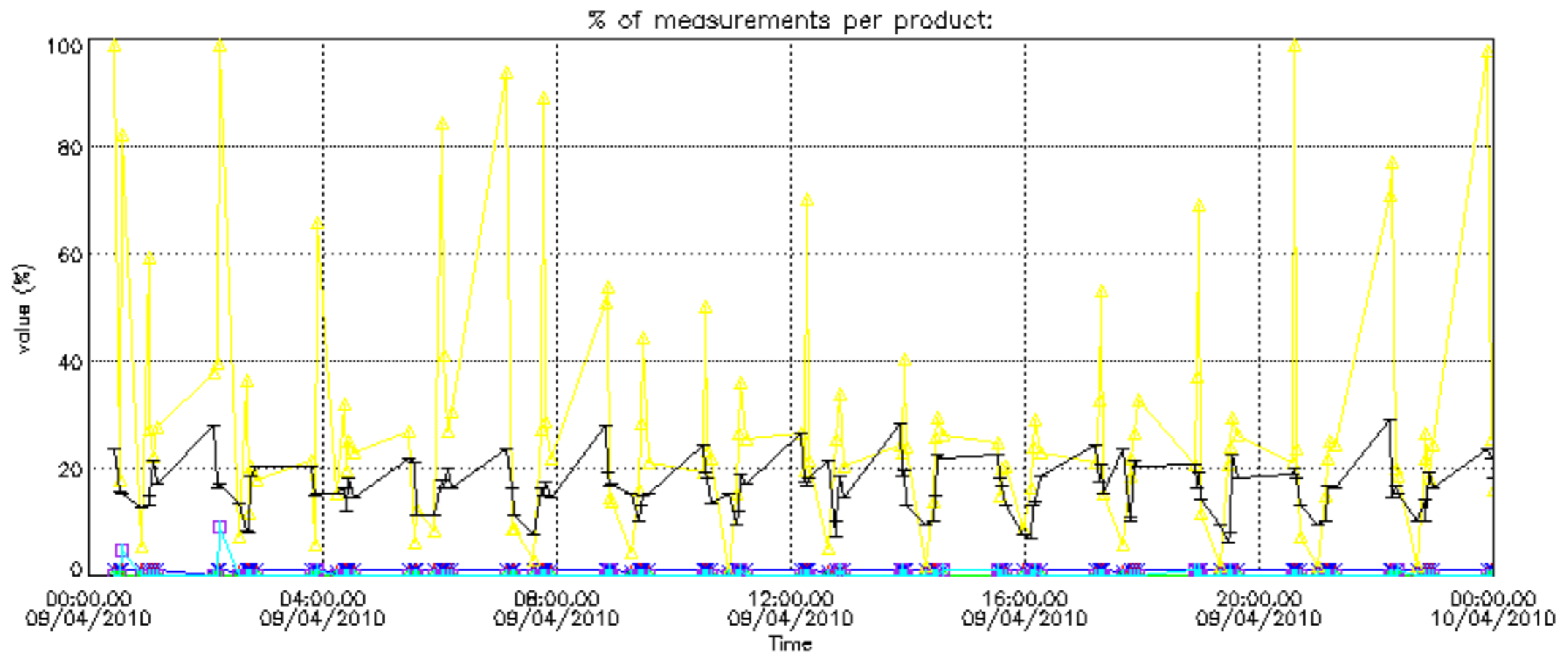


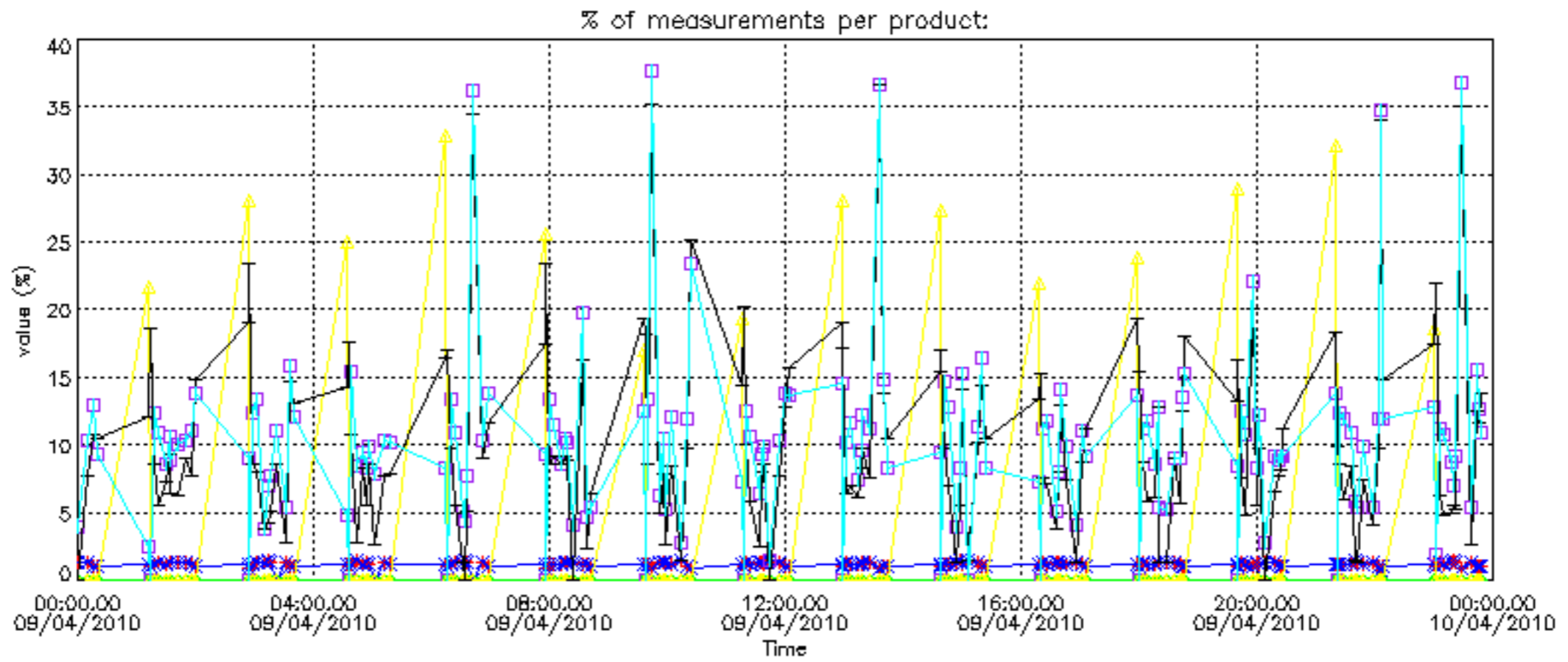
Percentage of flagged data per NO2 profile



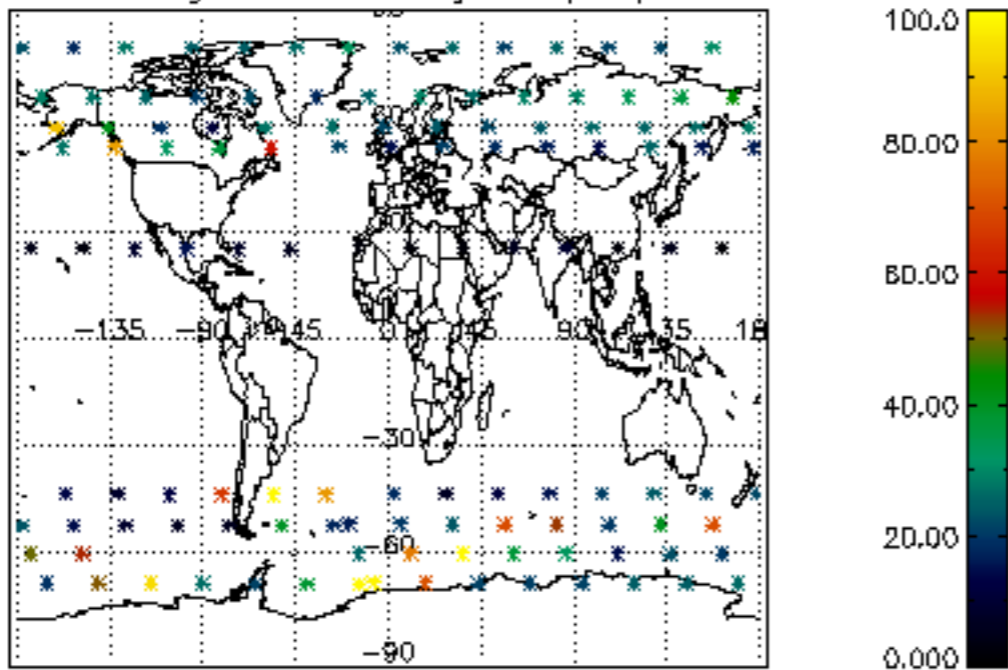
Percentage of flagged data per NO3 profile



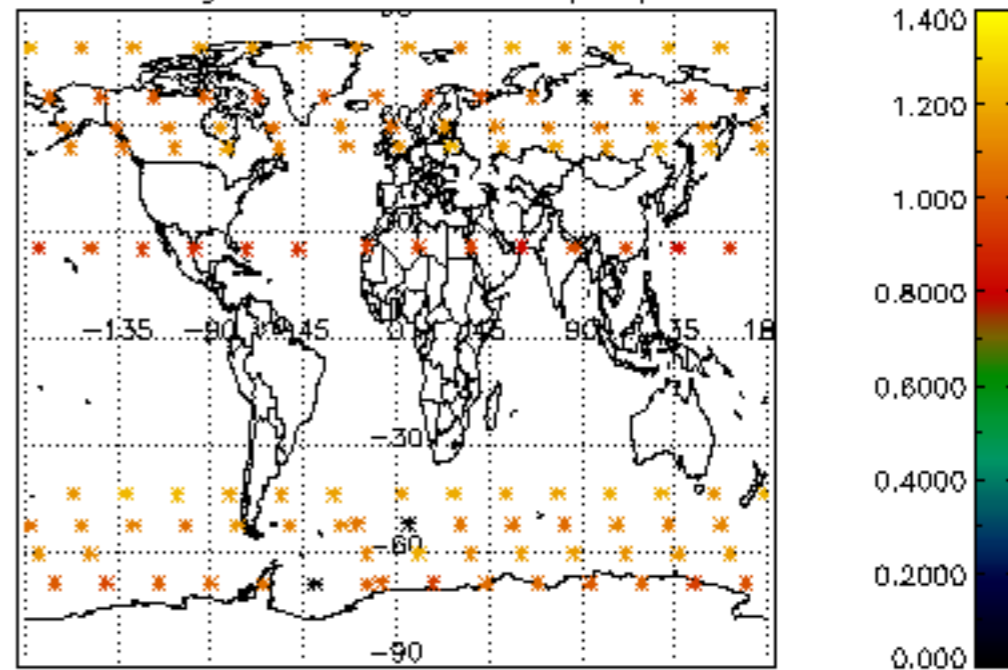




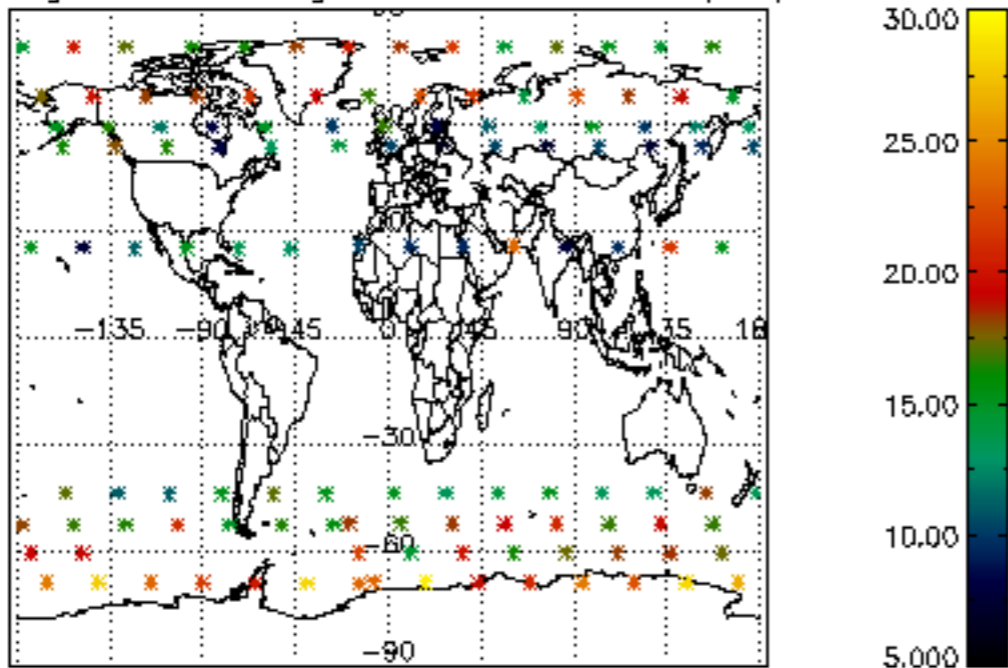
Percentage of cosmic ray hits per profile



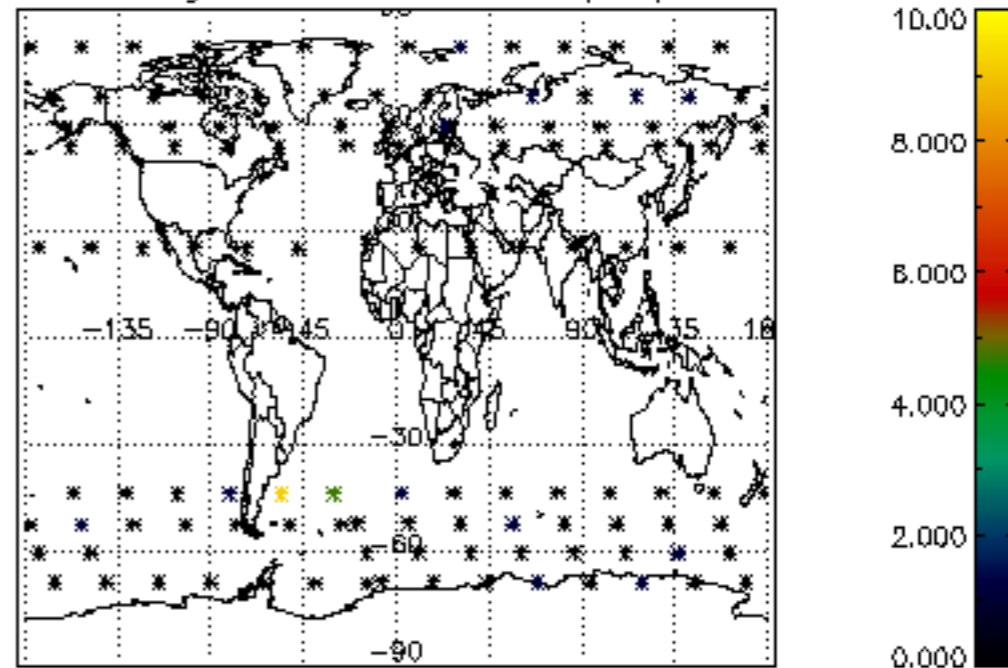
Percentage of datation errors per profile



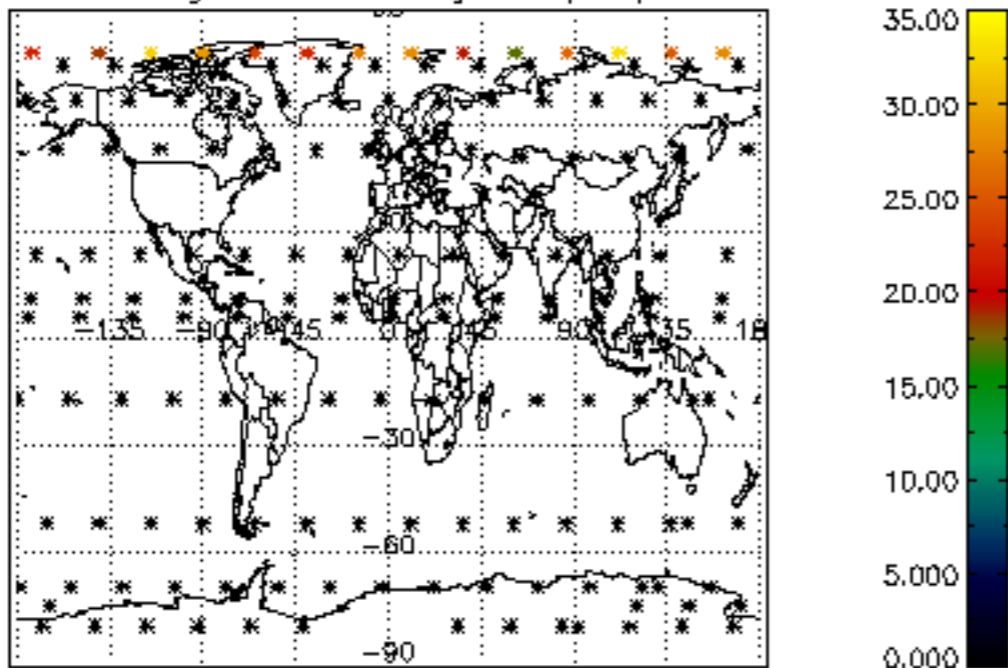
Percentage of star falling outside central band per profile



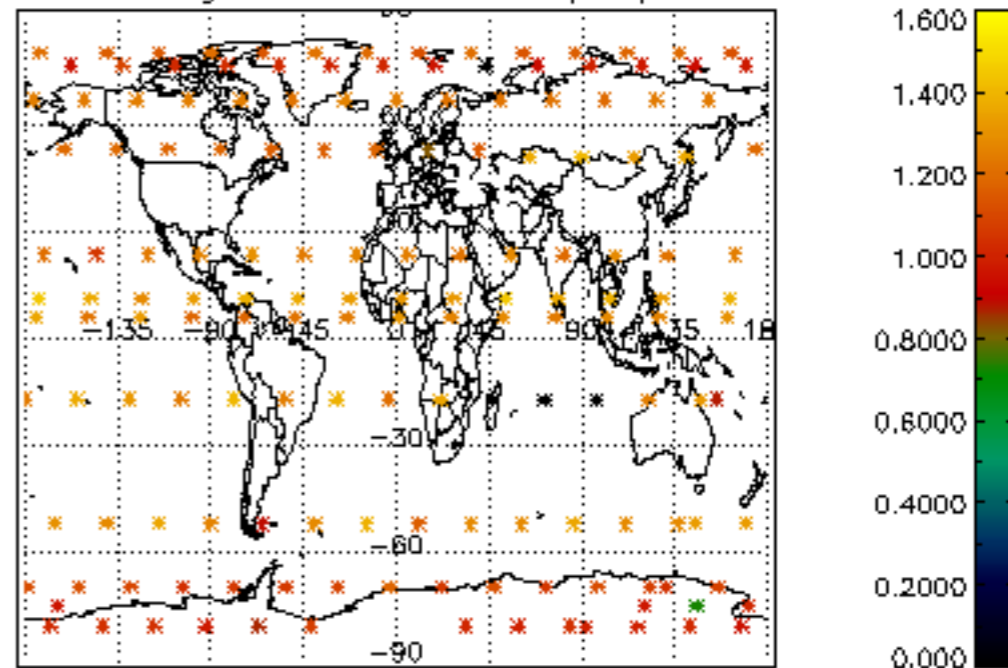
Percentage of saturation errors per profile



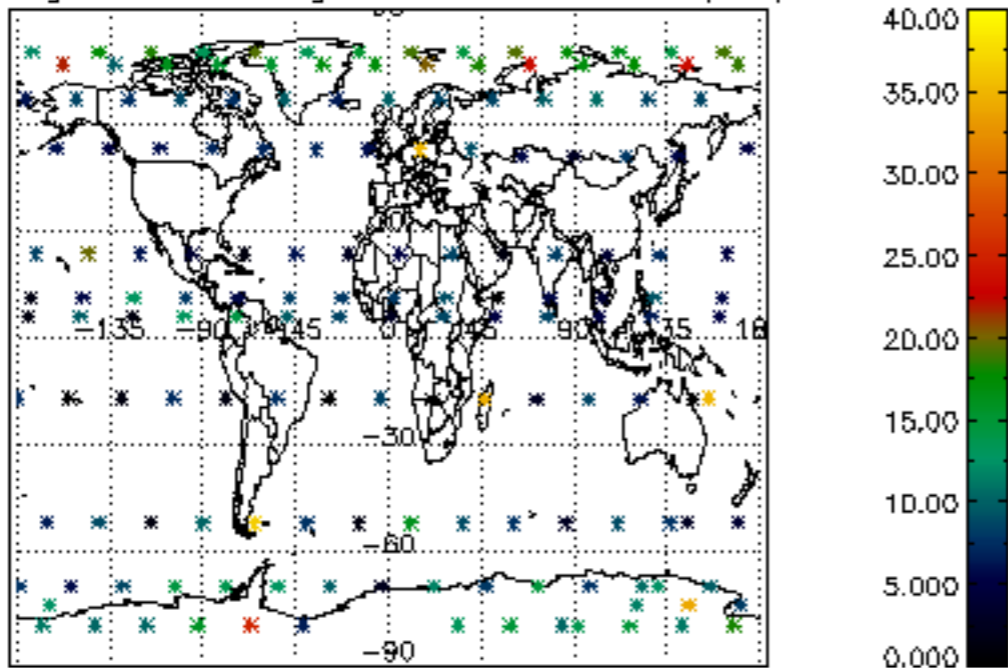
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

