

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	24APR2013 09:12:14
Data source version	GOMOS/6.01
Start time of products	15-01-2011 (15JAN2011 00:00:00)
Stop time of products	16-01-2011 (16JAN2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	317
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__2PRFIN20110115_000201_000000433098_00275_46410_7539.N1	15-JAN-2011 00:02:01	Dark	43.000	70	Zet Pup	2.2460	39000.	86	46410	No
2	GOM_NL__2PRFIN20110115_000548_000000433098_00275_46410_7540.N1	15-JAN-2011 00:05:48	Straylight	43.000	88	31Eta CMa	2.4480	20000.	86	46410	No
3	GOM_NL__2PRFIN20110115_000739_000000423098_00275_46410_7541.N1	15-JAN-2011 00:07:39	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	46410	No
4	GOM_NL__2PRFIN20110115_001637_000000623098_00275_46410_7542.N1	15-JAN-2011 00:16:37	Twilight	61.500	8	10Alp CMi	0.40000	6500.0	123	46410	No
5	GOM_NL__2PRFIN20110115_001932_000000543098_00275_46410_7543.N1	15-JAN-2011 00:19:32	Bright	53.500	44	24Gam Gem	1.9280	11000.	107	46410	No
6	GOM_NL__2PRFIN20110115_002114_000000403098_00275_46410_7544.N1	15-JAN-2011 00:21:14	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	46410	No
7	GOM_NL__2PRFIN20110115_002411_000000483098_00275_46410_7545.N1	15-JAN-2011 00:24:11	Bright	47.500	17	78Bet Gem	1.1610	4500.0	95	46410	No
8	GOM_NL__2PRFIN20110115_004401_000000373098_00275_46410_7546.N1	15-JAN-2011 00:44:01	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	46410	No
9	GOM_NL__2PRFIN20110115_004818_000000393098_00275_46410_7547.N1	15-JAN-2011 00:48:18	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46410	No
10	GOM_NL__2PRFIN20110115_005707_000000413098_00275_46410_7548.N1	15-JAN-2011 00:57:07	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	46410	No
11	GOM_NL__2PRFIN20110115_005919_000000633098_00275_46410_7549.N1	15-JAN-2011 00:59:19	Bright	63.000	67	5Alp CrB	2.2210	11000.	126	46410	No
12	GOM_NL__2PRFIN20110115_010540_000000623098_00275_46410_7550.N1	15-JAN-2011 01:05:40	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46410	No
13	GOM_NL__2PRFIN20110115_010748_000000563098_00275_46410_7551.N1	15-JAN-2011 01:07:48	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	46410	No
14	GOM_NL__2PRFIN20110115_011127_000000503098_00275_46410_7552.N1	15-JAN-2011 01:11:27	Twilight	50.000	104	27Bet Lib	2.6140	13100.	100	46410	No
15	GOM_NL__2PRFIN20110115_011323_000000463098_00275_46410_7553.N1	15-JAN-2011 01:13:23	Twilight	45.500	80	7Del Sco	2.3160	30000.	91	46410	No
16	GOM_NL__2PRFIN20110115_012205_000000433098_00275_46410_7554.N1	15-JAN-2011 01:22:05	Dark	43.000	78	Alp Lup	2.3040	28000.	86	46410	No
17	GOM_NL__2PRFIN20110115_012405_000000463098_00276_46411_7544.N1	15-JAN-2011 01:24:05	Dark	45.500	95	Zet Cen	2.5450	26000.	91	46411	No
18	GOM_NL__2PRFIN20110115_012810_000000423098_00276_46411_7545.N1	15-JAN-2011 01:28:10	Dark	42.000	20	Bet Cru	1.2530	30000.	84	46411	No
19	GOM_NL__2PRFIN20110115_013533_000000413098_00276_46411_7546.N1	15-JAN-2011 01:35:33	Dark	41.000	71	lot Car	2.2460	7700.0	82	46411	No
20	GOM_NL__2PRFIN20110115_013724_000000403098_00276_46411_7547.N1	15-JAN-2011 01:37:24	Dark	39.500	46	Del Vel	1.9540	10600.	79	46411	No
21	GOM_NL__2PRFIN20110115_014007_000000463098_00276_46411_7548.N1	15-JAN-2011 01:40:07	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	46411	No
22	GOM_NL__2PRFIN20110115_014215_000000443098_00276_46411_7549.N1	15-JAN-2011 01:42:15	Dark	44.000	70	Zet Pup	2.2460	39000.	88	46411	No
23	GOM_NL__2PRFIN20110115_014602_000000443098_00276_46411_7550.N1	15-JAN-2011 01:46:02	Straylight	44.000	88	31Eta CMa	2.4480	20000.	88	46411	No
24	GOM_NL__2PRFIN20110115_014754_000000423098_00276_46411_7551.N1	15-JAN-2011 01:47:54	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	46411	No
25	GOM_NL__2PRFIN20110115_015651_000000613098_00276_46411_7552.N1	15-JAN-2011 01:56:51	Twilight	60.500	8	10Alp CMi	0.40000	6500.0	121	46411	No
26	GOM_NL__2PRFIN20110115_015945_000000423098_00276_46411_7553.N1	15-JAN-2011 01:59:45	Bright	42.000	44	24Gam Gem	1.9280	11000.	84	46411	No
27	GOM_NL__2PRFIN20110115_020128_000000413098_00276_46411_7554.N1	15-JAN-2011 02:01:28	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	46411	No
28	GOM_NL__2PRFIN20110115_020424_000000493098_00276_46411_7555.N1	15-JAN-2011 02:04:24	Bright	48.500	17	78Bet Gem	1.1610	4500.0	97	46411	No
29	GOM_NL__2PRFIN20110115_022415_000000393098_00276_46411_7556.N1	15-JAN-2011 02:24:15	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46411	No
30	GOM_NL__2PRFIN20110115_022832_000000383098_00276_46411_7557.N1	15-JAN-2011 02:28:32	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46411	No
31	GOM_NL__2PRFIN20110115_023721_000000543098_00276_46411_7558.N1	15-JAN-2011 02:37:21	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	46411	No
32	GOM_NL__2PRFIN20110115_023934_000000423098_00276_46411_7559.N1	15-JAN-2011 02:39:34	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	46411	No
33	GOM_NL__2PRFIN20110115_024555_000000623098_00276_46411_7560.N1	15-JAN-2011 02:45:55	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46411	No
34	GOM_NL__2PRFIN20110115_024803_000000563098_00276_46411_7561.N1	15-JAN-2011 02:48:03	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	46411	No
35	GOM_NL__2PRFIN20110115_025141_000000483098_00276_46411_7562.N1	15-JAN-2011 02:51:41	Twilight	47.500	104	27Bet Lib	2.6140	13100.	95	46411	No
36	GOM_NL__2PRFIN20110115_025337_000000413098_00276_46411_7563.N1	15-JAN-2011 02:53:37	Twilight	40.500	80	7Del Sco	2.3160	30000.	81	46411	No
37	GOM_NL__2PRFIN20110115_030219_000000413098_00276_46411_7564.N1	15-JAN-2011 03:02:19	Dark	40.500	78	Alp Lup	2.3040	28000.	81	46411	No
38	GOM_NL__2PRFIN20110115_030420_000000443098_00277_46412_7554.N1	15-JAN-2011 03:04:20	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46412	No
39	GOM_NL__2PRFIN20110115_030824_000000423098_00277_46412_7555.N1	15-JAN-2011 03:08:24	Dark	42.000	20	Bet Cru	1.2530	30000.	84	46412	No
40	GOM_NL__2PRFIN20110115_031548_000000403098_00277_46412_7556.N1	15-JAN-2011 03:15:48	Dark	40.000	71	lot Car	2.2460	7700.0	80	46412	No
41	GOM_NL__2PRFIN20110115_031739_000000433098_00277_46412_7557.N1	15-JAN-2011 03:17:39	Dark	43.000	46	Del Vel	1.9540	10600.	86	46412	No
42	GOM_NL__2PRFIN20110115_032022_000000443098_00277_46412_7558.N1	15-JAN-2011 03:20:22	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	46412	No

43	GOM_NL__2PRFIN20110115_032230_000000453098_00277_46412_7559.N1	15-JAN-2011 03:22:30	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46412	No
44	GOM_NL__2PRFIN20110115_032617_000000443098_00277_46412_7560.N1	15-JAN-2011 03:26:17	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46412	No
45	GOM_NL__2PRFIN20110115_032808_000000423098_00277_46412_7561.N1	15-JAN-2011 03:28:08	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	46412	No
46	GOM_NL__2PRFIN20110115_033705_000000553098_00277_46412_7562.N1	15-JAN-2011 03:37:05	Tw_i_and_stray	55.000	8	10Alp CMi	0.40000	6500.0	110	46412	No
47	GOM_NL__2PRFIN20110115_033959_000000453098_00277_46412_7563.N1	15-JAN-2011 03:39:59	Bright	44.500	44	24Gam Gem	1.9280	11000.	89	46412	No
48	GOM_NL__2PRFIN20110115_034142_000000413098_00277_46412_7564.N1	15-JAN-2011 03:41:42	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	46412	No
49	GOM_NL__2PRFIN20110115_034437_000000483098_00277_46412_7565.N1	15-JAN-2011 03:44:37	Bright	48.000	17	78Bet Gem	1.1610	4500.0	96	46412	No
50	GOM_NL__2PRFIN20110115_040429_000000563098_00277_46412_7566.N1	15-JAN-2011 04:04:29	Bright	56.000	60	7Bet UMi	2.0810	3950.0	112	46412	No
51	GOM_NL__2PRFIN20110115_040846_000000403098_00277_46412_7567.N1	15-JAN-2011 04:08:46	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46412	No
52	GOM_NL__2PRFIN20110115_041736_000000363098_00277_46412_7568.N1	15-JAN-2011 04:17:36	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	46412	No
53	GOM_NL__2PRFIN20110115_041948_000000643098_00277_46412_7569.N1	15-JAN-2011 04:19:48	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46412	No
54	GOM_NL__2PRFIN20110115_042609_000000623098_00277_46412_7570.N1	15-JAN-2011 04:26:09	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46412	No
55	GOM_NL__2PRFIN20110115_042817_000000563098_00277_46412_7571.N1	15-JAN-2011 04:28:17	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	46412	No
56	GOM_NL__2PRFIN20110115_043156_000000503098_00277_46412_7572.N1	15-JAN-2011 04:31:56	Tw_i_and_stray	49.500	104	27Bet Lib	2.6140	13100.	99	46412	No
57	GOM_NL__2PRFIN20110115_043352_000000483098_00277_46412_7573.N1	15-JAN-2011 04:33:52	Tw_i_and_stray	47.500	80	7Del Sco	2.3160	30000.	95	46412	No
58	GOM_NL__2PRFIN20110115_044104_000000403098_00277_46412_7574.N1	15-JAN-2011 04:41:04	Dark	40.000	109	Bet Lup	2.6770	26000.	80	46412	No
59	GOM_NL__2PRFIN20110115_044234_000000433098_00277_46412_7575.N1	15-JAN-2011 04:42:34	Dark	42.500	78	Alp Lup	2.3040	28000.	85	46412	No
60	GOM_NL__2PRFIN20110115_044435_000000413098_00278_46413_7563.N1	15-JAN-2011 04:44:35	Dark	41.000	95	Zet Cen	2.5450	26000.	82	46413	No
61	GOM_NL__2PRFIN20110115_044839_000000423098_00278_46413_7564.N1	15-JAN-2011 04:48:39	Dark	42.000	20	Bet Cru	1.2530	30000.	84	46413	No
62	GOM_NL__2PRFIN20110115_045604_000000383098_00278_46413_7565.N1	15-JAN-2011 04:56:04	Dark	38.000	71	lot Car	2.2460	7700.0	76	46413	No
63	GOM_NL__2PRFIN20110115_045754_000000453098_00278_46413_7566.N1	15-JAN-2011 04:57:54	Dark	45.000	46	Del Vel	1.9540	10600.	90	46413	No
64	GOM_NL__2PRFIN20110115_050036_000000423098_00278_46413_7567.N1	15-JAN-2011 05:00:36	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	46413	No
65	GOM_NL__2PRFIN20110115_050244_000000453098_00278_46413_7568.N1	15-JAN-2011 05:02:44	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46413	No
66	GOM_NL__2PRFIN20110115_050631_000000443098_00278_46413_7569.N1	15-JAN-2011 05:06:31	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46413	No
67	GOM_NL__2PRFIN20110115_050822_000000403098_00278_46413_7570.N1	15-JAN-2011 05:08:22	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	46413	No
68	GOM_NL__2PRFIN20110115_051719_000000533098_00278_46413_7571.N1	15-JAN-2011 05:17:19	Tw_i_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	46413	No
69	GOM_NL__2PRFIN20110115_052014_000000443098_00278_46413_7572.N1	15-JAN-2011 05:20:14	Bright	44.000	44	24Gam Gem	1.9280	11000.	88	46413	No
70	GOM_NL__2PRFIN20110115_052156_000000483098_00278_46413_7573.N1	15-JAN-2011 05:21:56	Bright	48.000	151	13Mu Gem	2.8900	3000.0	96	46413	No
71	GOM_NL__2PRFIN20110115_052451_000000493098_00278_46413_7574.N1	15-JAN-2011 05:24:51	Bright	48.500	17	78Bet Gem	1.1610	4500.0	97	46413	No
72	GOM_NL__2PRFIN20110115_054442_000000383098_00278_46413_7575.N1	15-JAN-2011 05:44:42	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	46413	No
73	GOM_NL__2PRFIN20110115_054900_000000393098_00278_46413_7576.N1	15-JAN-2011 05:49:00	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46413	No
74	GOM_NL__2PRFIN20110115_055750_000000493098_00278_46413_7577.N1	15-JAN-2011 05:57:50	Bright	48.500	133	40Zet Her	2.8070	6000.0	97	46413	No
75	GOM_NL__2PRFIN20110115_060002_000000643098_00278_46413_7578.N1	15-JAN-2011 06:00:02	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46413	No
76	GOM_NL__2PRFIN20110115_060624_000000623098_00278_46413_7579.N1	15-JAN-2011 06:06:24	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46413	No
77	GOM_NL__2PRFIN20110115_060832_000000393098_00278_46413_7580.N1	15-JAN-2011 06:08:32	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	46413	No
78	GOM_NL__2PRFIN20110115_061211_000000523098_00278_46413_7581.N1	15-JAN-2011 06:12:11	Tw_i_and_stray	51.500	104	27Bet Lib	2.6140	13100.	103	46413	No
79	GOM_NL__2PRFIN20110115_061406_000000473098_00278_46413_7582.N1	15-JAN-2011 06:14:06	Tw_i_and_stray	46.500	80	7Del Sco	2.3160	30000.	93	46413	No
80	GOM_NL__2PRFIN20110115_062118_000000413098_00278_46413_7583.N1	15-JAN-2011 06:21:18	Dark	40.500	109	Bet Lup	2.6770	26000.	81	46413	No
81	GOM_NL__2PRFIN20110115_062249_000000413098_00278_46413_7584.N1	15-JAN-2011 06:22:49	Dark	41.000	78	Alp Lup	2.3040	28000.	82	46413	No
82	GOM_NL__2PRFIN20110115_062450_000000433098_00279_46414_7585.N1	15-JAN-2011 06:24:50	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46414	No
83	GOM_NL__2PRFIN20110115_062854_000000473098_00279_46414_7586.N1	15-JAN-2011 06:28:54	Dark	47.000	20	Bet Cru	1.2530	30000.	94	46414	No
84	GOM_NL__2PRFIN20110115_063454_000000473098_00279_46414_7587.N1	15-JAN-2011 06:34:54	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46414	No
85	GOM_NL__2PRFIN20110115_063808_000000513098_00279_46414_7588.N1	15-JAN-2011 06:38:08	Dark	50.500	46	Del Vel	1.9540	10600.	101	46414	No
86	GOM_NL__2PRFIN20110115_064051_000000413098_00279_46414_7589.N1	15-JAN-2011 06:40:51	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	46414	No
87	GOM_NL__2PRFIN20110115_064258_000000433098_00279_46414_7590.N1	15-JAN-2011 06:42:58	Dark	43.000	70	Zet Pup	2.2460	39000.	86	46414	No
88	GOM_NL__2PRFIN20110115_064645_000000423098_00279_46414_7591.N1	15-JAN-2011 06:46:45	Straylight	42.000	88	31Eta CMa	2.4480	20000.	84	46414	No
89	GOM_NL__2PRFIN20110115_064837_000000413098_00279_46414_7592.N1	15-JAN-2011 06:48:37	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	46414	No
90	GOM_NL__2PRFIN20110115_065733_000000573098_00279_46414_7593.N1	15-JAN-2011 06:57:33	Tw_i_and_stray	57.000	8	10Alp CMi	0.40000	6500.0	114	46414	No
91	GOM_NL__2PRFIN20110115_070028_000000553098_00279_46414_7594.N1	15-JAN-2011 07:00:28	Bright	55.000	44	24Gam Gem	1.9280	11000.	110	46414	No
92	GOM_NL__2PRFIN20110115_070210_000000413098_00279_46414_7595.N1	15-JAN-2011 07:02:10	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	46414	No
93	GOM_NL__2PRFIN20110115_070504_000000483098_00279_46414_7596.N1	15-JAN-2011 07:05:04	Bright	48.000	17	78Bet Gem	1.1610	4500.0	96	46414	No
94	GOM_NL__2PRFIN20110115_072456_000000363098_00279_46414_7597.N1	15-JAN-2011 07:24:56	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	46414	No
95	GOM_NL__2PRFIN20110115_072914_000000393098_00279_46414_7598.N1	15-JAN-2011 07:29:14	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46414	No
96	GOM_NL__2PRFIN20110115_073804_000000553098_00279_46414_7599.N1	15-JAN-2011 07:38:04	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46414	No
97	GOM_NL__2PRFIN20110115_074016_000000643098_00279_46414_7600.N1	15-JAN-2011 07:40:16	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46414	No
98	GOM_NL__2PRFIN20110115_074639_000000623098_00279_46414_7601.N1	15-JAN-2011 07:46:39	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46414	No
99	GOM_NL__2PRFIN20110115_074846_000000563098_00279_46414_7602.N1	15-JAN-2011 07:48:46	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	46414	No
100	GOM_NL__2PRFIN20110115_075226_000000503098_00279_46414_7603.N1	15-JAN-2011 07:52:26	Tw_i_and_stray	49.500	104	27Bet Lib	2.6140	13100.	99	46414	No
101	GOM_NL__2PRFIN20110115_075421_000000423098_00279_46414_7604.N1	15-JAN-2011 07:54:21	Tw_i_and_stray	42.000	80	7Del Sco	2.3160	30000.	84	46414	No

102	GOM_NL__2PRFIN20110115_080133_000000413098_00279_46414_7605.N1	15-JAN-2011 08:01:33	Dark	40.500	109	Bet Lup	2.6770	26000.	81	46414	No
103	GOM_NL__2PRFIN20110115_080303_000000443098_00279_46414_7606.N1	15-JAN-2011 08:03:03	Dark	44.000	78	Alp Lup	2.3040	28000.	88	46414	No
104	GOM_NL__2PRFIN20110115_080505_000000443098_00280_46415_7630.N1	15-JAN-2011 08:05:05	Dark	44.000	95	Zet Cen	2.5450	26000.	88	46415	No
105	GOM_NL__2PRFIN20110115_080909_000000423098_00280_46415_7631.N1	15-JAN-2011 08:09:09	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46415	No
106	GOM_NL__2PRFIN20110115_081509_000000483098_00280_46415_7632.N1	15-JAN-2011 08:15:09	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46415	No
107	GOM_NL__2PRFIN20110115_081822_000000413098_00280_46415_7633.N1	15-JAN-2011 08:18:22	Dark	40.500	46	Del Vel	1.9540	10600.	81	46415	No
108	GOM_NL__2PRFIN20110115_082105_000000423098_00280_46415_7634.N1	15-JAN-2011 08:21:05	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	46415	No
109	GOM_NL__2PRFIN20110115_082313_000000453098_00280_46415_7635.N1	15-JAN-2011 08:23:13	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46415	No
110	GOM_NL__2PRFIN20110115_082700_000000423098_00280_46415_7636.N1	15-JAN-2011 08:27:00	Straylight	42.000	88	31Eta CMa	2.4480	20000.	84	46415	No
111	GOM_NL__2PRFIN20110115_082851_000000383098_00280_46415_7637.N1	15-JAN-2011 08:28:51	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	46415	No
112	GOM_NL__2PRFIN20110115_083747_000000553098_00280_46415_7638.N1	15-JAN-2011 08:37:47	Tw_i_and_stray	54.500	8	10Alp CMi	0.40000	6500.0	109	46415	No
113	GOM_NL__2PRFIN20110115_084042_000000433098_00280_46415_7639.N1	15-JAN-2011 08:40:42	Bright	43.000	44	24Gam Gem	1.9280	11000.	86	46415	No
114	GOM_NL__2PRFIN20110115_084224_000000413098_00280_46415_7640.N1	15-JAN-2011 08:42:24	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	46415	No
115	GOM_NL__2PRFIN20110115_084518_000000473098_00280_46415_7641.N1	15-JAN-2011 08:45:18	Bright	46.500	17	78Bet Gem	1.1610	4500.0	93	46415	No
116	GOM_NL__2PRFIN20110115_090510_000000403098_00280_46415_7642.N1	15-JAN-2011 09:05:10	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46415	No
117	GOM_NL__2PRFIN20110115_090928_000000393098_00280_46415_7643.N1	15-JAN-2011 09:09:28	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46415	No
118	GOM_NL__2PRFIN20110115_091818_000000363098_00280_46415_7644.N1	15-JAN-2011 09:18:18	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	46415	No
119	GOM_NL__2PRFIN20110115_092031_000000643098_00280_46415_7645.N1	15-JAN-2011 09:20:31	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46415	No
120	GOM_NL__2PRFIN20110115_092653_000000503098_00280_46415_7646.N1	15-JAN-2011 09:26:53	Bright	50.000	102	24Alp Ser	2.6000	4250.0	100	46415	No
121	GOM_NL__2PRFIN20110115_092901_000000563098_00280_46415_7647.N1	15-JAN-2011 09:29:01	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	46415	No
122	GOM_NL__2PRFIN20110115_093241_000000503098_00280_46415_7648.N1	15-JAN-2011 09:32:41	Tw_i_and_stray	50.000	104	27Bet Lib	2.6140	13100.	100	46415	No
123	GOM_NL__2PRFIN20110115_093435_000000503098_00280_46415_7649.N1	15-JAN-2011 09:34:35	Tw_i_and_stray	50.000	80	7Del Sco	2.3160	30000.	100	46415	No
124	GOM_NL__2PRFIN20110115_094148_000000423098_00280_46415_7650.N1	15-JAN-2011 09:41:48	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46415	No
125	GOM_NL__2PRFIN20110115_094318_000000413098_00280_46415_7651.N1	15-JAN-2011 09:43:18	Dark	40.500	78	Alp Lup	2.3040	28000.	81	46415	No
126	GOM_NL__2PRFIN20110115_094520_000000463098_00281_46416_7653.N1	15-JAN-2011 09:45:20	Dark	45.500	95	Zet Cen	2.5450	26000.	91	46416	No
127	GOM_NL__2PRFIN20110115_094923_000000413098_00281_46416_7654.N1	15-JAN-2011 09:49:23	Dark	41.000	20	Bet Cru	1.2530	30000.	82	46416	No
128	GOM_NL__2PRFIN20110115_095524_000000473098_00281_46416_7655.N1	15-JAN-2011 09:55:24	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46416	No
129	GOM_NL__2PRFIN20110115_095837_000000443098_00281_46416_7656.N1	15-JAN-2011 09:58:37	Dark	44.000	46	Del Vel	1.9540	10600.	88	46416	No
130	GOM_NL__2PRFIN20110115_100119_000000433098_00281_46416_7657.N1	15-JAN-2011 10:01:19	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	46416	No
131	GOM_NL__2PRFIN20110115_100327_000000463098_00281_46416_7658.N1	15-JAN-2011 10:03:27	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46416	No
132	GOM_NL__2PRFIN20110115_100714_000000413098_00281_46416_7659.N1	15-JAN-2011 10:07:14	Straylight	41.000	88	31Eta CMa	2.4480	20000.	82	46416	No
133	GOM_NL__2PRFIN20110115_100905_000000403098_00281_46416_7660.N1	15-JAN-2011 10:09:05	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	46416	No
134	GOM_NL__2PRFIN20110115_101800_000000583098_00281_46416_7661.N1	15-JAN-2011 10:18:00	Tw_i_and_stray	58.000	8	10Alp CMi	0.40000	6500.0	116	46416	No
135	GOM_NL__2PRFIN20110115_102055_000000453098_00281_46416_7662.N1	15-JAN-2011 10:20:55	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	46416	No
136	GOM_NL__2PRFIN20110115_102238_000000413098_00281_46416_7663.N1	15-JAN-2011 10:22:38	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	46416	No
137	GOM_NL__2PRFIN20110115_102531_000000493098_00281_46416_7664.N1	15-JAN-2011 10:25:31	Bright	48.500	17	78Bet Gem	1.1610	4500.0	97	46416	No
138	GOM_NL__2PRFIN20110115_104524_000000413098_00281_46416_7665.N1	15-JAN-2011 10:45:24	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46416	No
139	GOM_NL__2PRFIN20110115_104942_000000373098_00281_46416_7666.N1	15-JAN-2011 10:49:42	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	46416	No
140	GOM_NL__2PRFIN20110115_105832_000000553098_00281_46416_7667.N1	15-JAN-2011 10:58:32	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46416	No
141	GOM_NL__2PRFIN20110115_110045_000000643098_00281_46416_7668.N1	15-JAN-2011 11:00:45	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46416	No
142	GOM_NL__2PRFIN20110115_110708_000000623098_00281_46416_7669.N1	15-JAN-2011 11:07:08	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46416	No
143	GOM_NL__2PRFIN20110115_110915_000000573098_00281_46416_7670.N1	15-JAN-2011 11:09:15	Bright	57.000	120	1Del Oph	2.7340	3200.0	114	46416	No
144	GOM_NL__2PRFIN20110115_111255_000000523098_00281_46416_7671.N1	15-JAN-2011 11:12:55	Tw_i_and_stray	51.500	104	27Bet Lib	2.6140	13100.	103	46416	No
145	GOM_NL__2PRFIN20110115_111450_000000473098_00281_46416_7672.N1	15-JAN-2011 11:14:50	Tw_i_and_stray	46.500	80	7Del Sco	2.3160	30000.	93	46416	No
146	GOM_NL__2PRFIN20110115_112202_000000413098_00281_46416_7673.N1	15-JAN-2011 11:22:02	Dark	40.500	109	Bet Lup	2.6770	26000.	81	46416	No
147	GOM_NL__2PRFIN20110115_112333_000000423098_00281_46416_7674.N1	15-JAN-2011 11:23:33	Dark	42.000	78	Alp Lup	2.3040	28000.	84	46416	No
148	GOM_NL__2PRFIN20110115_112534_000000433098_00282_46417_7680.N1	15-JAN-2011 11:25:34	Dark	43.000	95	Zet Cen	2.5450	26000.	86	46417	No
149	GOM_NL__2PRFIN20110115_112938_000000403098_00282_46417_7681.N1	15-JAN-2011 11:29:38	Dark	40.000	20	Bet Cru	1.2530	30000.	80	46417	No
150	GOM_NL__2PRFIN20110115_113538_000000463098_00282_46417_7682.N1	15-JAN-2011 11:35:38	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	46417	No
151	GOM_NL__2PRFIN20110115_113851_000000483098_00282_46417_7683.N1	15-JAN-2011 11:38:51	Dark	48.000	46	Del Vel	1.9540	10600.	96	46417	No
152	GOM_NL__2PRFIN20110115_114134_000000433098_00282_46417_7684.N1	15-JAN-2011 11:41:34	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	46417	No
153	GOM_NL__2PRFIN20110115_114341_000000453098_00282_46417_7685.N1	15-JAN-2011 11:43:41	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46417	No
154	GOM_NL__2PRFIN20110115_114728_000000423098_00282_46417_7686.N1	15-JAN-2011 11:47:28	Straylight	41.500	88	31Eta CMa	2.4480	20000.	83	46417	No
155	GOM_NL__2PRFIN20110115_114919_000000383098_00282_46417_7687.N1	15-JAN-2011 11:49:19	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	46417	No
156	GOM_NL__2PRFIN20110115_115814_000000583098_00282_46417_7688.N1	15-JAN-2011 11:58:14	Tw_i_and_stray	57.500	8	10Alp CMi	0.40000	6500.0	115	46417	No
157	GOM_NL__2PRFIN20110115_120109_000000543098_00282_46417_7689.N1	15-JAN-2011 12:01:09	Bright	54.000	44	24Gam Gem	1.9280	11000.	108	46417	No
158	GOM_NL__2PRFIN20110115_120252_000000423098_00282_46417_7690.N1	15-JAN-2011 12:02:52	Bright	41.500	151	13Mu Gem	2.8900	3000.0	83	46417	No
159	GOM_NL__2PRFIN20110115_120545_000000473098_00282_46417_7691.N1	15-JAN-2011 12:05:45	Bright	47.000	17	78Bet Gem	1.1610	4500.0	94	46417	No
160	GOM_NL__2PRFIN20110115_122538_000000373098_00282_46417_7692.N1	15-JAN-2011 12:25:38	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	46417	No

161	GOM_NL__2PRFIN20110115_122956_000000383098_00282_46417_7693.N1	15-JAN-2011 12:29:56	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46417	No
162	GOM_NL__2PRFIN20110115_123847_000000553098_00282_46417_7694.N1	15-JAN-2011 12:38:47	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46417	No
163	GOM_NL__2PRFIN20110115_124059_000000583098_00282_46417_7695.N1	15-JAN-2011 12:40:59	Bright	57.500	67	5Alp CrB	2.2210	11000.	115	46417	No
164	GOM_NL__2PRFIN20110115_124722_000000623098_00282_46417_7696.N1	15-JAN-2011 12:47:22	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46417	No
165	GOM_NL__2PRFIN20110115_124929_000000573098_00282_46417_7697.N1	15-JAN-2011 12:49:29	Bright	57.000	120	1Del Oph	2.7340	3200.0	114	46417	No
166	GOM_NL__2PRFIN20110115_125310_000000483098_00282_46417_7698.N1	15-JAN-2011 12:53:10	Twi_and_stray	48.000	104	27Bet Lib	2.6140	13100.	96	46417	No
167	GOM_NL__2PRFIN20110115_125505_000000443098_00282_46417_7699.N1	15-JAN-2011 12:55:05	Twi_and_stray	44.000	80	7Del Sco	2.3160	30000.	88	46417	No
168	GOM_NL__2PRFIN20110115_130217_000000433098_00282_46417_7700.N1	15-JAN-2011 13:02:17	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46417	No
169	GOM_NL__2PRFIN20110115_130347_000000423098_00282_46417_7701.N1	15-JAN-2011 13:03:47	Dark	41.500	78	Alp Lup	2.3040	28000.	83	46417	No
170	GOM_NL__2PRFIN20110115_130549_000000433098_00283_46418_7757.N1	15-JAN-2011 13:05:49	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46418	No
171	GOM_NL__2PRFIN20110115_130952_000000413098_00283_46418_7758.N1	15-JAN-2011 13:09:52	Dark	41.000	20	Bet Cru	1.2530	30000.	82	46418	No
172	GOM_NL__2PRFIN20110115_131553_000000483098_00283_46418_7759.N1	15-JAN-2011 13:15:53	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46418	No
173	GOM_NL__2PRFIN20110115_131906_000000413098_00283_46418_7760.N1	15-JAN-2011 13:19:06	Dark	40.500	46	Del Vel	1.9540	10600.	81	46418	No
174	GOM_NL__2PRFIN20110115_132148_000000443098_00283_46418_7761.N1	15-JAN-2011 13:21:48	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	46418	No
175	GOM_NL__2PRFIN20110115_132356_000000453098_00283_46418_7762.N1	15-JAN-2011 13:23:56	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46418	No
176	GOM_NL__2PRFIN20110115_132742_000000413098_00283_46418_7763.N1	15-JAN-2011 13:27:42	Straylight	40.500	88	31Eta CMa	2.4480	20000.	81	46418	No
177	GOM_NL__2PRFIN20110115_132933_000000403098_00283_46418_7764.N1	15-JAN-2011 13:29:33	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	46418	No
178	GOM_NL__2PRFIN20110115_133828_000000593098_00283_46418_7765.N1	15-JAN-2011 13:38:28	Twi_and_stray	58.500	8	10Alp CMi	0.40000	6500.0	117	46418	No
179	GOM_NL__2PRFIN20110115_134123_000000523098_00283_46418_7766.N1	15-JAN-2011 13:41:23	Bright	52.000	44	24Gam Gem	1.9280	11000.	104	46418	No
180	GOM_NL__2PRFIN20110115_134306_000000433098_00283_46418_7767.N1	15-JAN-2011 13:43:06	Bright	42.500	151	13Mu Gem	2.8900	3000.0	85	46418	No
181	GOM_NL__2PRFIN20110115_134558_000000493098_00283_46418_7768.N1	15-JAN-2011 13:45:58	Bright	48.500	17	78Bet Gem	1.1610	4500.0	97	46418	No
182	GOM_NL__2PRFIN20110115_140552_000000393098_00283_46418_7769.N1	15-JAN-2011 14:05:52	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46418	No
183	GOM_NL__2PRFIN20110115_141010_000000393098_00283_46418_7770.N1	15-JAN-2011 14:10:10	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46418	No
184	GOM_NL__2PRFIN20110115_141901_000000553098_00283_46418_7771.N1	15-JAN-2011 14:19:01	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46418	No
185	GOM_NL__2PRFIN20110115_142113_000000643098_00283_46418_7772.N1	15-JAN-2011 14:21:13	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46418	No
186	GOM_NL__2PRFIN20110115_142736_000000623098_00283_46418_7773.N1	15-JAN-2011 14:27:36	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46418	No
187	GOM_NL__2PRFIN20110115_142944_000000573098_00283_46418_7774.N1	15-JAN-2011 14:29:44	Bright	57.000	120	1Del Oph	2.7340	3200.0	114	46418	No
188	GOM_NL__2PRFIN20110115_143325_000000463098_00283_46418_7775.N1	15-JAN-2011 14:33:25	Twi_and_stray	45.500	104	27Bet Lib	2.6140	13100.	91	46418	No
189	GOM_NL__2PRFIN20110115_143519_000000443098_00283_46418_7776.N1	15-JAN-2011 14:35:19	Twi_and_stray	44.000	80	7Del Sco	2.3160	30000.	88	46418	No
190	GOM_NL__2PRFIN20110115_144232_000000413098_00283_46418_7777.N1	15-JAN-2011 14:42:32	Dark	40.500	109	Bet Lup	2.6770	26000.	81	46418	No
191	GOM_NL__2PRFIN20110115_144402_000000423098_00283_46418_7778.N1	15-JAN-2011 14:44:02	Dark	42.000	78	Alp Lup	2.3040	28000.	84	46418	No
192	GOM_NL__2PRFIN20110115_144604_000000443098_00284_46419_7880.N1	15-JAN-2011 14:46:04	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46419	No
193	GOM_NL__2PRFIN20110115_145007_000000443098_00284_46419_7881.N1	15-JAN-2011 14:50:07	Dark	43.500	20	Bet Cru	1.2530	30000.	87	46419	No
194	GOM_NL__2PRFIN20110115_145608_000000473098_00284_46419_7882.N1	15-JAN-2011 14:56:08	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46419	No
195	GOM_NL__2PRFIN20110115_145920_000000403098_00284_46419_7883.N1	15-JAN-2011 14:59:20	Dark	40.000	46	Del Vel	1.9540	10600.	80	46419	No
196	GOM_NL__2PRFIN20110115_150202_000000423098_00284_46419_7884.N1	15-JAN-2011 15:02:02	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	46419	No
197	GOM_NL__2PRFIN20110115_150410_000000433098_00284_46419_7885.N1	15-JAN-2011 15:04:10	Dark	42.500	70	Zet Pup	2.2460	39000.	85	46419	No
198	GOM_NL__2PRFIN20110115_150757_000000443098_00284_46419_7886.N1	15-JAN-2011 15:07:57	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46419	No
199	GOM_NL__2PRFIN20110115_150947_000000413098_00284_46419_7887.N1	15-JAN-2011 15:09:47	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	46419	No
200	GOM_NL__2PRFIN20110115_151842_000000633098_00284_46419_7888.N1	15-JAN-2011 15:18:42	Twi_and_stray	63.000	8	10Alp CMi	0.40000	6500.0	126	46419	No
201	GOM_NL__2PRFIN20110115_152137_000000543098_00284_46419_7889.N1	15-JAN-2011 15:21:37	Bright	54.000	44	24Gam Gem	1.9280	11000.	108	46419	No
202	GOM_NL__2PRFIN20110115_152320_000000423098_00284_46419_7890.N1	15-JAN-2011 15:23:20	Bright	42.000	151	13Mu Gem	2.8900	3000.0	84	46419	No
203	GOM_NL__2PRFIN20110115_152612_000000483098_00284_46419_7891.N1	15-JAN-2011 15:26:12	Bright	48.000	17	78Bet Gem	1.1610	4500.0	96	46419	No
204	GOM_NL__2PRFIN20110115_154605_000000403098_00284_46419_7892.N1	15-JAN-2011 15:46:05	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46419	No
205	GOM_NL__2PRFIN20110115_155024_000000393098_00284_46419_7893.N1	15-JAN-2011 15:50:24	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46419	No
206	GOM_NL__2PRFIN20110115_155915_000000553098_00284_46419_7894.N1	15-JAN-2011 15:59:15	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46419	No
207	GOM_NL__2PRFIN20110115_160128_000000643098_00284_46419_7895.N1	15-JAN-2011 16:01:28	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46419	No
208	GOM_NL__2PRFIN20110115_160751_000000623098_00284_46419_7896.N1	15-JAN-2011 16:07:51	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46419	No
209	GOM_NL__2PRFIN20110115_160958_000000403098_00284_46419_7897.N1	15-JAN-2011 16:09:58	Bright	39.500	120	1Del Oph	2.7340	3200.0	79	46419	No
210	GOM_NL__2PRFIN20110115_161340_000000533098_00284_46419_7898.N1	15-JAN-2011 16:13:40	Twi_and_stray	52.500	104	27Bet Lib	2.6140	13100.	105	46419	No
211	GOM_NL__2PRFIN20110115_161534_000000453098_00284_46419_7899.N1	15-JAN-2011 16:15:34	Twi_and_stray	44.500	80	7Del Sco	2.3160	30000.	89	46419	No
212	GOM_NL__2PRFIN20110115_162246_000000403098_00284_46419_7900.N1	15-JAN-2011 16:22:46	Dark	40.000	109	Bet Lup	2.6770	26000.	80	46419	No
213	GOM_NL__2PRFIN20110115_162417_000000403098_00284_46419_7901.N1	15-JAN-2011 16:24:17	Dark	40.000	78	Alp Lup	2.3040	28000.	80	46419	No
214	GOM_NL__2PRFIN20110115_162619_000000423098_00285_46420_7925.N1	15-JAN-2011 16:26:19	Dark	41.500	95	Zet Cen	2.5450	26000.	83	46420	No
215	GOM_NL__2PRFIN20110115_163022_000000453098_00285_46420_7926.N1	15-JAN-2011 16:30:22	Dark	45.000	20	Bet Cru	1.2530	30000.	90	46420	No
216	GOM_NL__2PRFIN20110115_163623_000000513098_00285_46420_7927.N1	15-JAN-2011 16:36:23	Dark	51.000	113	Mu Vel	2.6920	5000.0	102	46420	No
217	GOM_NL__2PRFIN20110115_163935_000000423098_00285_46420_7928.N1	15-JAN-2011 16:39:35	Dark	41.500	46	Del Vel	1.9540	10600.	83	46420	No
218	GOM_NL__2PRFIN20110115_164217_000000463098_00285_46420_7929.N1	15-JAN-2011 16:42:17	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	46420	No
219	GOM_NL__2PRFIN20110115_164425_000000433098_00285_46420_7930.N1	15-JAN-2011 16:44:25	Dark	43.000	70	Zet Pup	2.2460	39000.	86	46420	No

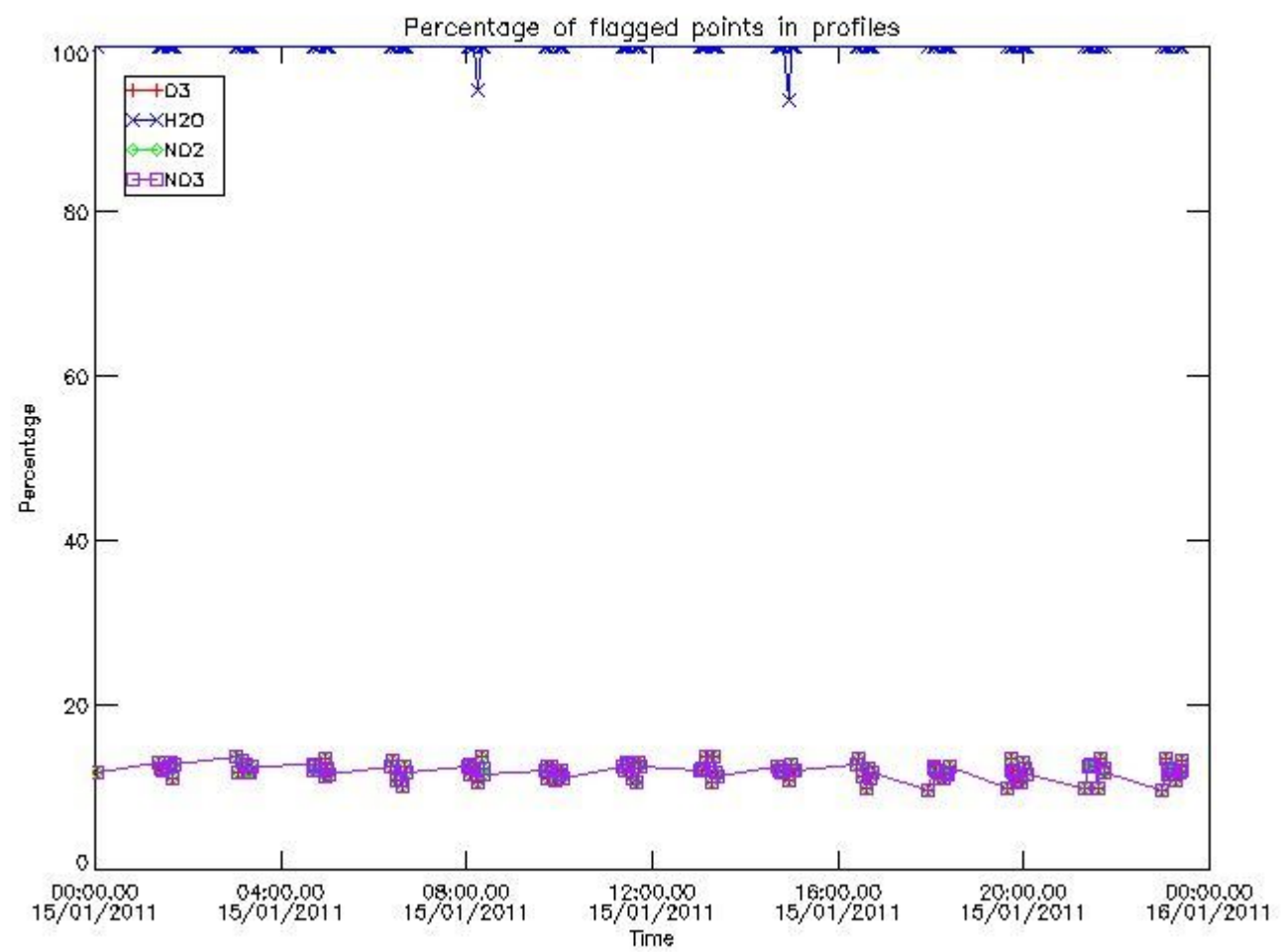
220	GOM_NL__2PRFIN20110115_164811_000000443098_00285_46420_7931.N1	15-JAN-2011 16:48:11	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46420	No
221	GOM_NL__2PRFIN20110115_165002_000000423098_00285_46420_7932.N1	15-JAN-2011 16:50:02	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	46420	No
222	GOM_NL__2PRFIN20110115_165855_000000533098_00285_46420_7933.N1	15-JAN-2011 16:58:55	Tw_i_and_stray	52.500	8	10Alp CMi	0.40000	6500.0	105	46420	No
223	GOM_NL__2PRFIN20110115_170151_000000453098_00285_46420_7934.N1	15-JAN-2011 17:01:51	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	46420	No
224	GOM_NL__2PRFIN20110115_170334_000000533098_00285_46420_7935.N1	15-JAN-2011 17:03:34	Bright	53.000	151	13Mu Gem	2.8900	3000.0	106	46420	No
225	GOM_NL__2PRFIN20110115_170626_000000483098_00285_46420_7936.N1	15-JAN-2011 17:06:26	Bright	47.500	17	78Bet Gem	1.1610	4500.0	95	46420	No
226	GOM_NL__2PRFIN20110115_172619_000000413098_00285_46420_7937.N1	15-JAN-2011 17:26:19	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46420	No
227	GOM_NL__2PRFIN20110115_173038_000000403098_00285_46420_7938.N1	15-JAN-2011 17:30:38	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46420	No
228	GOM_NL__2PRFIN20110115_173929_000000363098_00285_46420_7939.N1	15-JAN-2011 17:39:29	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	46420	No
229	GOM_NL__2PRFIN20110115_174142_000000643098_00285_46420_7940.N1	15-JAN-2011 17:41:42	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46420	No
230	GOM_NL__2PRFIN20110115_174806_000000623098_00285_46420_7941.N1	15-JAN-2011 17:48:06	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46420	No
231	GOM_NL__2PRFIN20110115_175013_000000573098_00285_46420_7942.N1	15-JAN-2011 17:50:13	Bright	57.000	120	1Del Oph	2.7340	3200.0	114	46420	No
232	GOM_NL__2PRFIN20110115_175355_000000513098_00285_46420_7943.N1	15-JAN-2011 17:53:55	Tw_i_and_stray	51.000	104	27Bet Lib	2.6140	13100.	102	46420	No
233	GOM_NL__2PRFIN20110115_175548_000000473098_00285_46420_7944.N1	15-JAN-2011 17:55:48	Tw_i_and_stray	46.500	80	7Del Sco	2.3160	30000.	93	46420	No
234	GOM_NL__2PRFIN20110115_175711_000000533098_00285_46420_7945.N1	15-JAN-2011 17:57:11	Dark	53.000	122	9Alp2Lib	2.7470	9700.0	106	46420	No
235	GOM_NL__2PRFIN20110115_180301_000000413098_00285_46420_7946.N1	15-JAN-2011 18:03:01	Dark	41.000	109	Bet Lup	2.6770	26000.	82	46420	No
236	GOM_NL__2PRFIN20110115_180431_000000423098_00285_46420_7947.N1	15-JAN-2011 18:04:31	Dark	41.500	78	Alp Lup	2.3040	28000.	83	46420	No
237	GOM_NL__2PRFIN20110115_180634_000000433098_00286_46421_7948.N1	15-JAN-2011 18:06:34	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46421	No
238	GOM_NL__2PRFIN20110115_181036_000000463098_00286_46421_7949.N1	15-JAN-2011 18:10:36	Dark	45.500	20	Bet Cru	1.2530	30000.	91	46421	No
239	GOM_NL__2PRFIN20110115_181638_000000463098_00286_46421_7950.N1	15-JAN-2011 18:16:38	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	46421	No
240	GOM_NL__2PRFIN20110115_181949_000000443098_00286_46421_7951.N1	15-JAN-2011 18:19:49	Dark	43.500	46	Del Vel	1.9540	10600.	87	46421	No
241	GOM_NL__2PRFIN20110115_182231_000000453098_00286_46421_7952.N1	15-JAN-2011 18:22:31	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	46421	No
242	GOM_NL__2PRFIN20110115_182439_000000453098_00286_46421_7953.N1	15-JAN-2011 18:24:39	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46421	No
243	GOM_NL__2PRFIN20110115_182825_000000443098_00286_46421_7954.N1	15-JAN-2011 18:28:25	Straylight	44.000	88	31Eta CMa	2.4480	20000.	88	46421	No
244	GOM_NL__2PRFIN20110115_183016_000000423098_00286_46421_7955.N1	15-JAN-2011 18:30:16	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	46421	No
245	GOM_NL__2PRFIN20110115_183909_000000593098_00286_46421_7956.N1	15-JAN-2011 18:39:09	Tw_i_and_stray	59.000	8	10Alp CMi	0.40000	6500.0	118	46421	No
246	GOM_NL__2PRFIN20110115_184205_000000403098_00286_46421_7957.N1	15-JAN-2011 18:42:05	Bright	40.000	44	24Gam Gem	1.9280	11000.	80	46421	No
247	GOM_NL__2PRFIN20110115_184348_000000433098_00286_46421_7958.N1	15-JAN-2011 18:43:48	Bright	42.500	151	13Mu Gem	2.8900	3000.0	85	46421	No
248	GOM_NL__2PRFIN20110115_184639_000000473098_00286_46421_7959.N1	15-JAN-2011 18:46:39	Bright	46.500	17	78Bet Gem	1.1610	4500.0	93	46421	No
249	GOM_NL__2PRFIN20110115_190633_000000413098_00286_46421_7960.N1	15-JAN-2011 19:06:33	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46421	No
250	GOM_NL__2PRFIN20110115_191052_000000403098_00286_46421_7961.N1	15-JAN-2011 19:10:52	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46421	No
251	GOM_NL__2PRFIN20110115_191943_000000373098_00286_46421_7962.N1	15-JAN-2011 19:19:43	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	46421	No
252	GOM_NL__2PRFIN20110115_192156_000000433098_00286_46421_7963.N1	15-JAN-2011 19:21:56	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	46421	No
253	GOM_NL__2PRFIN20110115_192820_000000623098_00286_46421_7964.N1	15-JAN-2011 19:28:20	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46421	No
254	GOM_NL__2PRFIN20110115_193027_000000573098_00286_46421_7965.N1	15-JAN-2011 19:30:27	Bright	57.000	120	1Del Oph	2.7340	3200.0	114	46421	No
255	GOM_NL__2PRFIN20110115_193410_000000483098_00286_46421_7966.N1	15-JAN-2011 19:34:10	Tw_i_and_stray	47.500	104	27Bet Lib	2.6140	13100.	95	46421	No
256	GOM_NL__2PRFIN20110115_193603_000000463098_00286_46421_7967.N1	15-JAN-2011 19:36:03	Tw_i_and_stray	45.500	80	7Del Sco	2.3160	30000.	91	46421	No
257	GOM_NL__2PRFIN20110115_193726_000000523098_00286_46421_7968.N1	15-JAN-2011 19:37:26	Dark	52.000	122	9Alp2Lib	2.7470	9700.0	104	46421	No
258	GOM_NL__2PRFIN20110115_194316_000000423098_00286_46421_7969.N1	15-JAN-2011 19:43:16	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46421	No
259	GOM_NL__2PRFIN20110115_194446_000000423098_00286_46421_7970.N1	15-JAN-2011 19:44:46	Dark	42.000	78	Alp Lup	2.3040	28000.	84	46421	No
260	GOM_NL__2PRFIN20110115_194649_000000443098_00287_46422_7974.N1	15-JAN-2011 19:46:49	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46422	No
261	GOM_NL__2PRFIN20110115_195051_000000523098_00287_46422_7975.N1	15-JAN-2011 19:50:51	Dark	52.000	20	Bet Cru	1.2530	30000.	104	46422	No
262	GOM_NL__2PRFIN20110115_195652_000000493098_00287_46422_7976.N1	15-JAN-2011 19:56:52	Dark	48.500	113	Mu Vel	2.6920	5000.0	97	46422	No
263	GOM_NL__2PRFIN20110115_200003_000000403098_00287_46422_7977.N1	15-JAN-2011 20:00:03	Dark	39.500	46	Del Vel	1.9540	10600.	79	46422	No
264	GOM_NL__2PRFIN20110115_200246_000000423098_00287_46422_7978.N1	15-JAN-2011 20:02:46	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	46422	No
265	GOM_NL__2PRFIN20110115_200453_000000443098_00287_46422_7979.N1	15-JAN-2011 20:04:53	Dark	44.000	70	Zet Pup	2.2460	39000.	88	46422	No
266	GOM_NL__2PRFIN20110115_200839_000000423098_00287_46422_7980.N1	15-JAN-2011 20:08:39	Straylight	42.000	88	31Eta CMa	2.4480	20000.	84	46422	No
267	GOM_NL__2PRFIN20110115_201030_000000403098_00287_46422_7981.N1	15-JAN-2011 20:10:30	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	46422	No
268	GOM_NL__2PRFIN20110115_201923_000000533098_00287_46422_7982.N1	15-JAN-2011 20:19:23	Tw_i_and_stray	52.500	8	10Alp CMi	0.40000	6500.0	105	46422	No
269	GOM_NL__2PRFIN20110115_202219_000000453098_00287_46422_7983.N1	15-JAN-2011 20:22:19	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	46422	No
270	GOM_NL__2PRFIN20110115_202402_000000403098_00287_46422_7984.N1	15-JAN-2011 20:24:02	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	46422	No
271	GOM_NL__2PRFIN20110115_202653_000000483098_00287_46422_7985.N1	15-JAN-2011 20:26:53	Bright	48.000	17	78Bet Gem	1.1610	4500.0	96	46422	No
272	GOM_NL__2PRFIN20110115_204647_000000373098_00287_46422_7986.N1	15-JAN-2011 20:46:47	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	46422	No
273	GOM_NL__2PRFIN20110115_205106_000000383098_00287_46422_7987.N1	15-JAN-2011 20:51:06	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46422	No
274	GOM_NL__2PRFIN20110115_205957_000000553098_00287_46422_7988.N1	15-JAN-2011 20:59:57	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46422	No
275	GOM_NL__2PRFIN20110115_210210_000000443098_00287_46422_7989.N1	15-JAN-2011 21:02:10	Bright	44.000	67	5Alp CrB	2.2210	11000.	88	46422	No
276	GOM_NL__2PRFIN20110115_210835_000000633098_00287_46422_7990.N1	15-JAN-2011 21:08:35	Bright	63.000	102	24Alp Ser	2.6000	4250.0	126	46422	No
277	GOM_NL__2PRFIN20110115_211042_000000573098_00287_46422_7991.N1	15-JAN-2011 21:10:42	Bright	57.000	120	1Del Oph	2.7340	3200.0	114	46422	No
278	GOM_NL__2PRFIN20110115_211425_000000533098_00287_46422_7992.N1	15-JAN-2011 21:14:25	Tw_i_and_stray	52.500	104	27Bet Lib	2.6140	13100.	105	46422	No

279	GOM_NL__2PRFIN20110115_211617_000000473098_00287_46422_7993.N1	15-JAN-2011 21:16:17	Twilight	46.500	80	7Del Sco	2.3160	30000.	93	46422	No
280	GOM_NL__2PRFIN20110115_211741_000000513098_00287_46422_7994.N1	15-JAN-2011 21:17:41	Dark	51.000	122	9Alp2Lib	2.7470	9700.0	102	46422	No
281	GOM_NL__2PRFIN20110115_212330_000000413098_00287_46422_7995.N1	15-JAN-2011 21:23:30	Dark	41.000	109	Bet Lup	2.6770	26000.	82	46422	No
282	GOM_NL__2PRFIN20110115_212501_000000413098_00287_46422_7996.N1	15-JAN-2011 21:25:01	Dark	41.000	78	Alp Lup	2.3040	28000.	82	46422	No
283	GOM_NL__2PRFIN20110115_212703_000000443098_00288_46423_8001.N1	15-JAN-2011 21:27:03	Dark	44.000	95	Zet Cen	2.5450	26000.	88	46423	No
284	GOM_NL__2PRFIN20110115_213106_000000413098_00288_46423_8002.N1	15-JAN-2011 21:31:06	Dark	41.000	20	Bet Cru	1.2530	30000.	82	46423	No
285	GOM_NL__2PRFIN20110115_213707_000000523098_00288_46423_8003.N1	15-JAN-2011 21:37:07	Dark	51.500	113	Mu Vel	2.6920	5000.0	103	46423	No
286	GOM_NL__2PRFIN20110115_214018_000000423098_00288_46423_8004.N1	15-JAN-2011 21:40:18	Dark	41.500	46	Del Vel	1.9540	10600.	83	46423	No
287	GOM_NL__2PRFIN20110115_214300_000000463098_00288_46423_8005.N1	15-JAN-2011 21:43:00	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	46423	No
288	GOM_NL__2PRFIN20110115_214508_000000443098_00288_46423_8006.N1	15-JAN-2011 21:45:08	Dark	43.500	70	Zet Pup	2.2460	39000.	87	46423	No
289	GOM_NL__2PRFIN20110115_214853_000000443098_00288_46423_8007.N1	15-JAN-2011 21:48:53	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46423	No
290	GOM_NL__2PRFIN20110115_215044_000000403098_00288_46423_8008.N1	15-JAN-2011 21:50:44	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	46423	No
291	GOM_NL__2PRFIN20110115_215937_000000543098_00288_46423_8009.N1	15-JAN-2011 21:59:37	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	46423	No
292	GOM_NL__2PRFIN20110115_220233_000000403098_00288_46423_8010.N1	15-JAN-2011 22:02:33	Bright	40.000	44	24Gam Gem	1.9280	11000.	80	46423	No
293	GOM_NL__2PRFIN20110115_220416_000000403098_00288_46423_8011.N1	15-JAN-2011 22:04:16	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	46423	No
294	GOM_NL__2PRFIN20110115_220706_000000483098_00288_46423_8012.N1	15-JAN-2011 22:07:06	Bright	47.500	17	78Bet Gem	1.1610	4500.0	95	46423	No
295	GOM_NL__2PRFIN20110115_222701_000000373098_00288_46423_8013.N1	15-JAN-2011 22:27:01	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	46423	No
296	GOM_NL__2PRFIN20110115_223120_000000373098_00288_46423_8014.N1	15-JAN-2011 22:31:20	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	46423	No
297	GOM_NL__2PRFIN20110115_224011_000000373098_00288_46423_8015.N1	15-JAN-2011 22:40:11	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	46423	No
298	GOM_NL__2PRFIN20110115_224225_000000593098_00288_46423_8016.N1	15-JAN-2011 22:42:25	Bright	58.500	67	5Alp CrB	2.2210	11000.	117	46423	No
299	GOM_NL__2PRFIN20110115_224849_000000633098_00288_46423_8017.N1	15-JAN-2011 22:48:49	Bright	63.000	102	24Alp Ser	2.6000	4250.0	126	46423	No
300	GOM_NL__2PRFIN20110115_225056_000000573098_00288_46423_8018.N1	15-JAN-2011 22:50:56	Bright	57.000	120	1Del Oph	2.7340	3200.0	114	46423	No
301	GOM_NL__2PRFIN20110115_225439_000000503098_00288_46423_8019.N1	15-JAN-2011 22:54:39	Twilight	49.500	104	27Bet Lib	2.6140	13100.	99	46423	No
302	GOM_NL__2PRFIN20110115_225632_000000483098_00288_46423_8020.N1	15-JAN-2011 22:56:32	Twilight	47.500	80	7Del Sco	2.3160	30000.	95	46423	No
303	GOM_NL__2PRFIN20110115_225756_000000543098_00288_46423_8021.N1	15-JAN-2011 22:57:56	Dark	53.500	122	9Alp2Lib	2.7470	9700.0	107	46423	No
304	GOM_NL__2PRFIN20110115_230345_000000423098_00288_46423_8022.N1	15-JAN-2011 23:03:45	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46423	No
305	GOM_NL__2PRFIN20110115_230515_000000423098_00288_46423_8023.N1	15-JAN-2011 23:05:15	Dark	41.500	78	Alp Lup	2.3040	28000.	83	46423	No
306	GOM_NL__2PRFIN20110115_230718_000000453098_00289_46424_8018.N1	15-JAN-2011 23:07:18	Dark	44.500	95	Zet Cen	2.5450	26000.	89	46424	No
307	GOM_NL__2PRFIN20110115_231120_000000423098_00289_46424_8019.N1	15-JAN-2011 23:11:20	Dark	42.000	20	Bet Cru	1.2530	30000.	84	46424	No
308	GOM_NL__2PRFIN20110115_231722_000000473098_00289_46424_8020.N1	15-JAN-2011 23:17:22	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46424	No
309	GOM_NL__2PRFIN20110115_232032_000000443098_00289_46424_8021.N1	15-JAN-2011 23:20:32	Dark	43.500	46	Del Vel	1.9540	10600.	87	46424	No
310	GOM_NL__2PRFIN20110115_232314_000000433098_00289_46424_8022.N1	15-JAN-2011 23:23:14	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	46424	No
311	GOM_NL__2PRFIN20110115_232522_000000423098_00289_46424_8023.N1	15-JAN-2011 23:25:22	Dark	42.000	70	Zet Pup	2.2460	39000.	84	46424	No
312	GOM_NL__2PRFIN20110115_232908_000000443098_00289_46424_8024.N1	15-JAN-2011 23:29:08	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46424	No
313	GOM_NL__2PRFIN20110115_233058_000000413098_00289_46424_8025.N1	15-JAN-2011 23:30:58	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	46424	No
314	GOM_NL__2PRFIN20110115_233951_000000603098_00289_46424_8026.N1	15-JAN-2011 23:39:51	Twilight	60.000	8	10Alp CMi	0.40000	6500.0	120	46424	No
315	GOM_NL__2PRFIN20110115_234247_000000523098_00289_46424_8027.N1	15-JAN-2011 23:42:47	Bright	51.500	44	24Gam Gem	1.9280	11000.	103	46424	No
316	GOM_NL__2PRFIN20110115_234430_000000403098_00289_46424_8028.N1	15-JAN-2011 23:44:30	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	46424	No
317	GOM_NL__2PRFIN20110115_234720_000000473098_00289_46424_8029.N1	15-JAN-2011 23:47:20	Bright	46.500	17	78Bet Gem	1.1610	4500.0	93	46424	No

3. Quality information per product

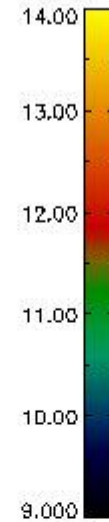
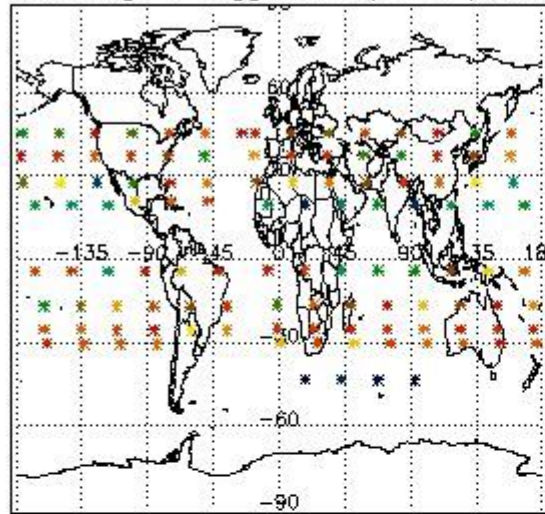
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

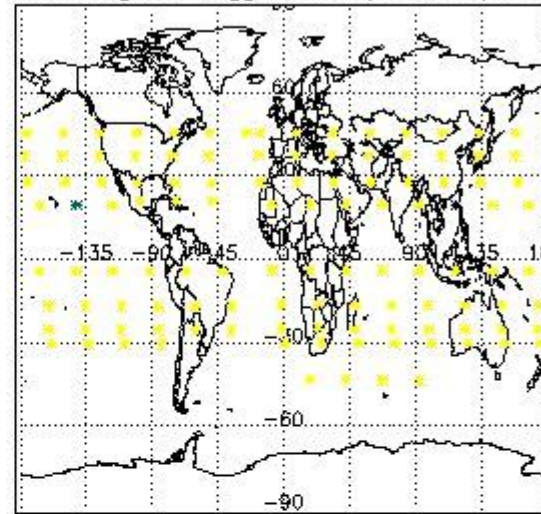


3.2 Plot quality information per product (world map)

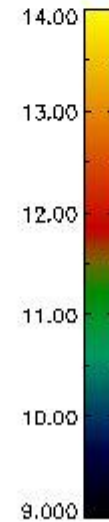
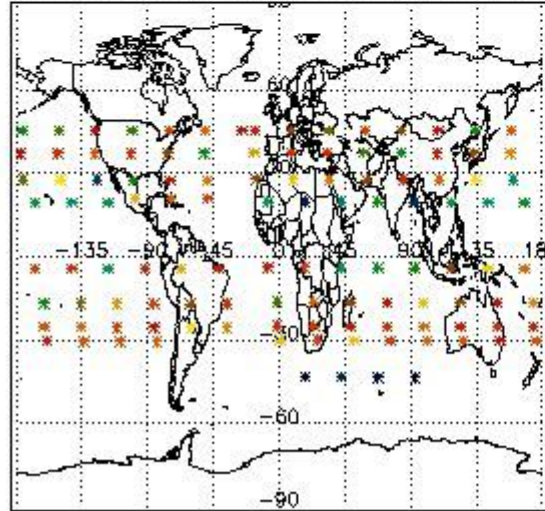
Percentage of flagged data per O3 profile



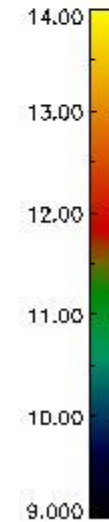
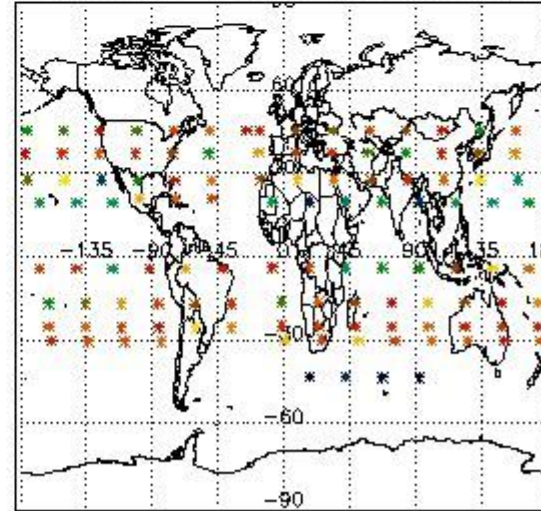
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

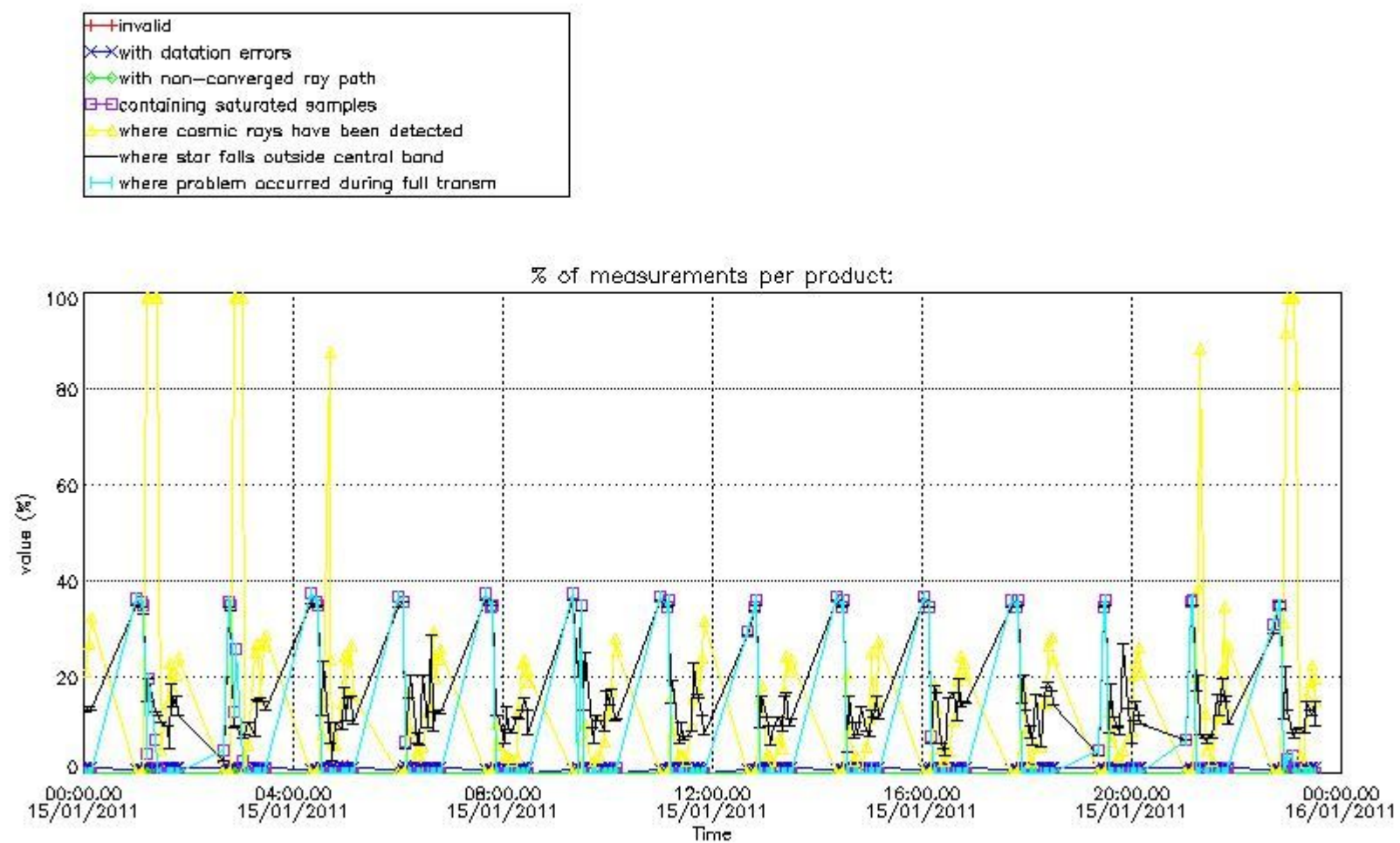


4. Level 1 quality information per product

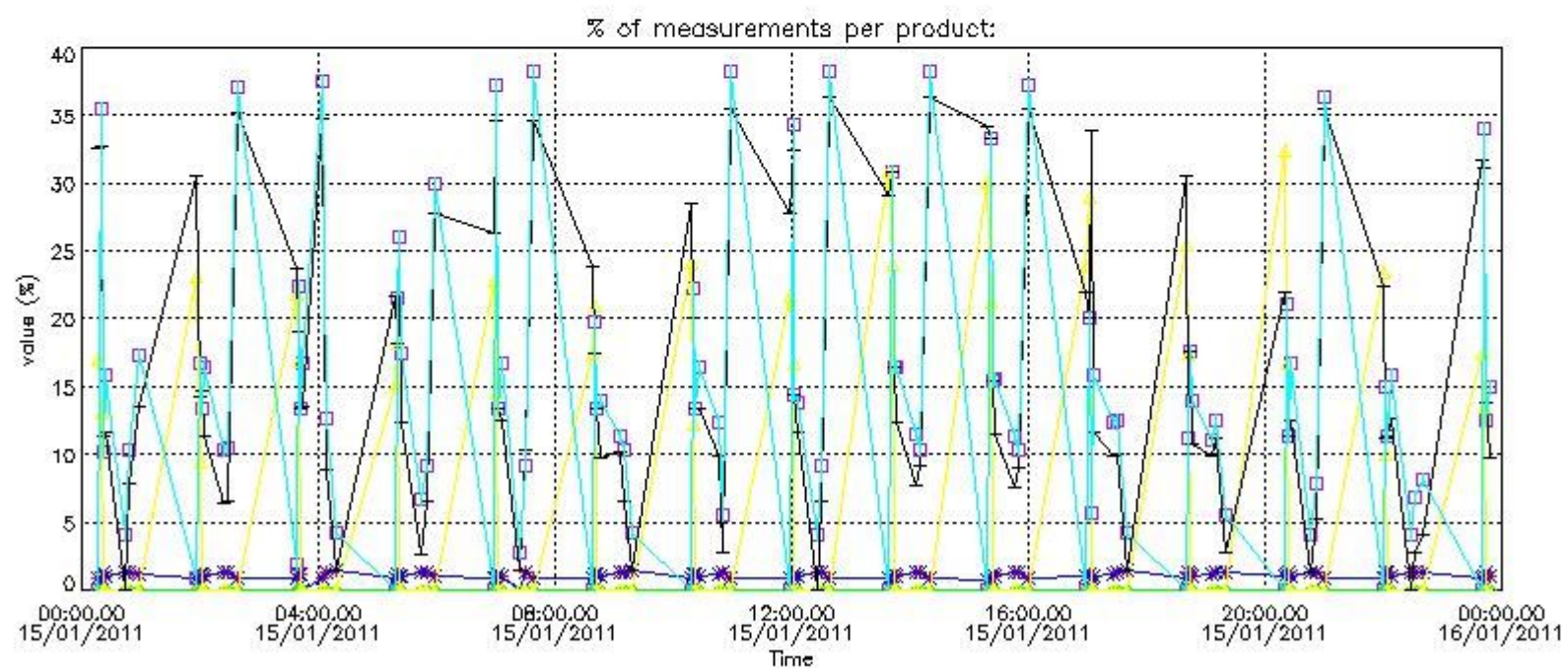
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

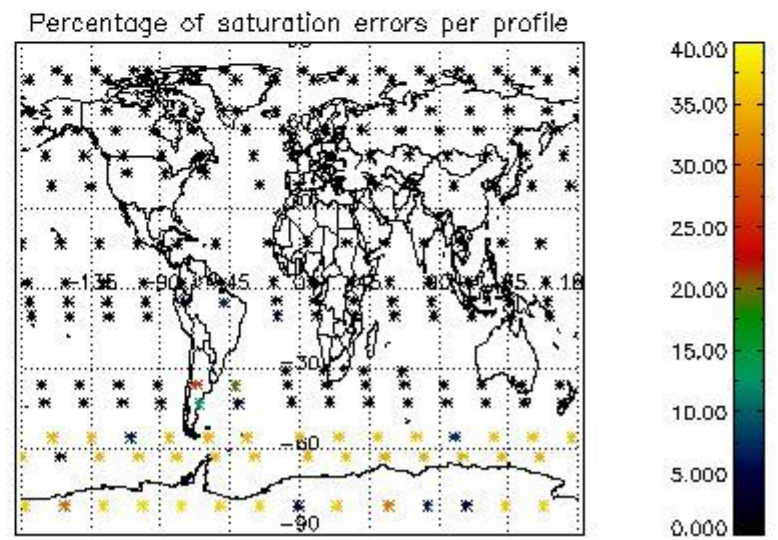
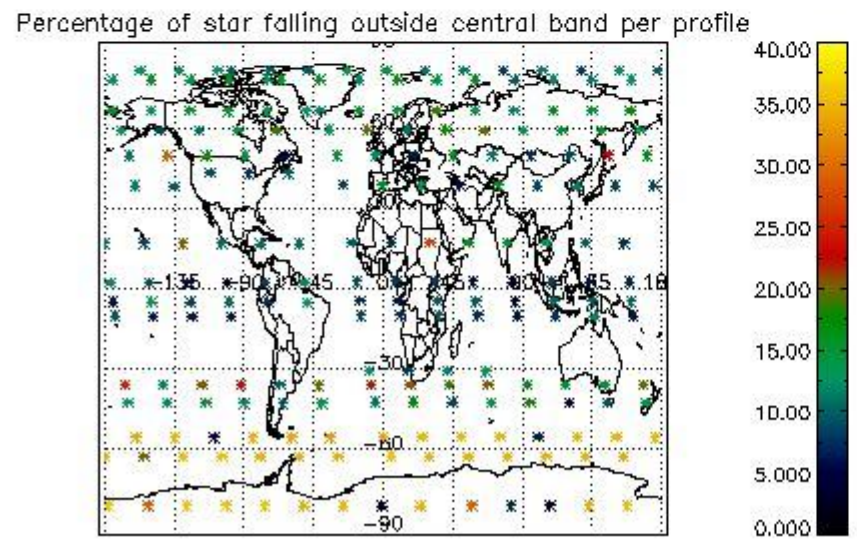
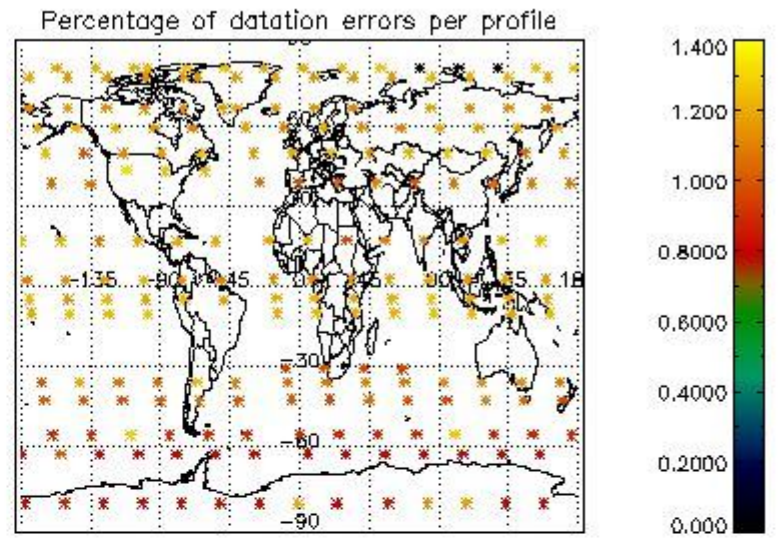
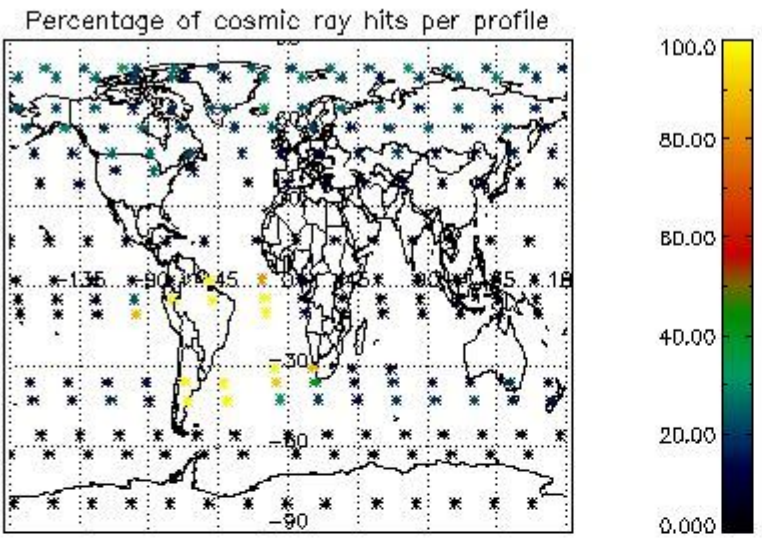


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

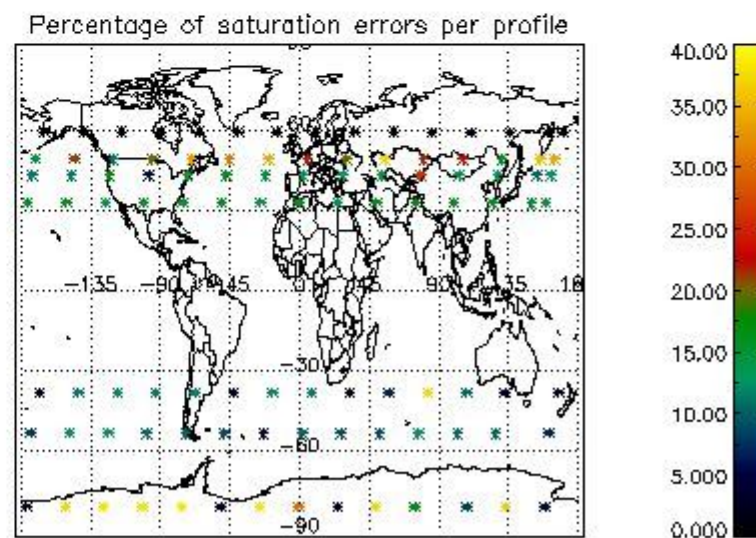
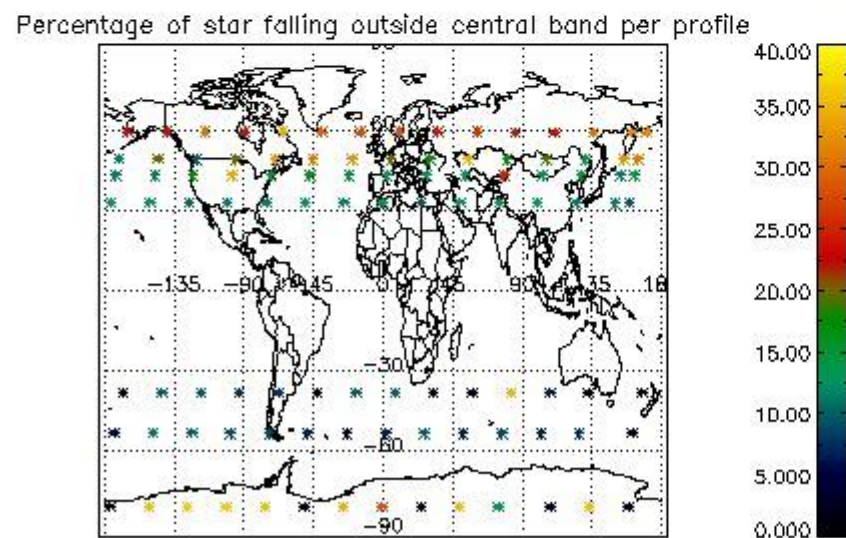
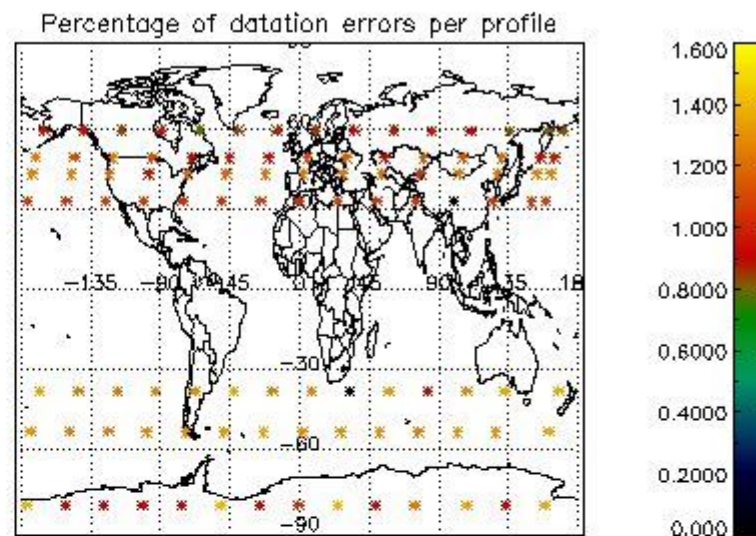
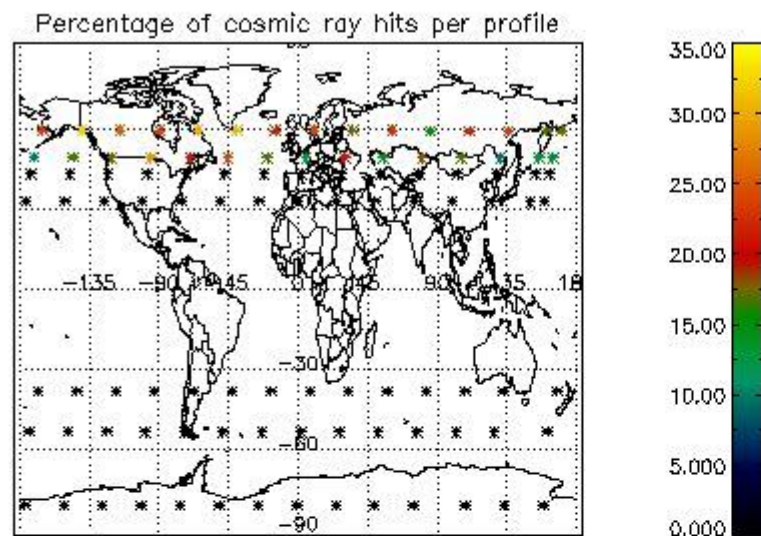


4.2 Plot quality information per product coming from level 1b processing (world map)

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

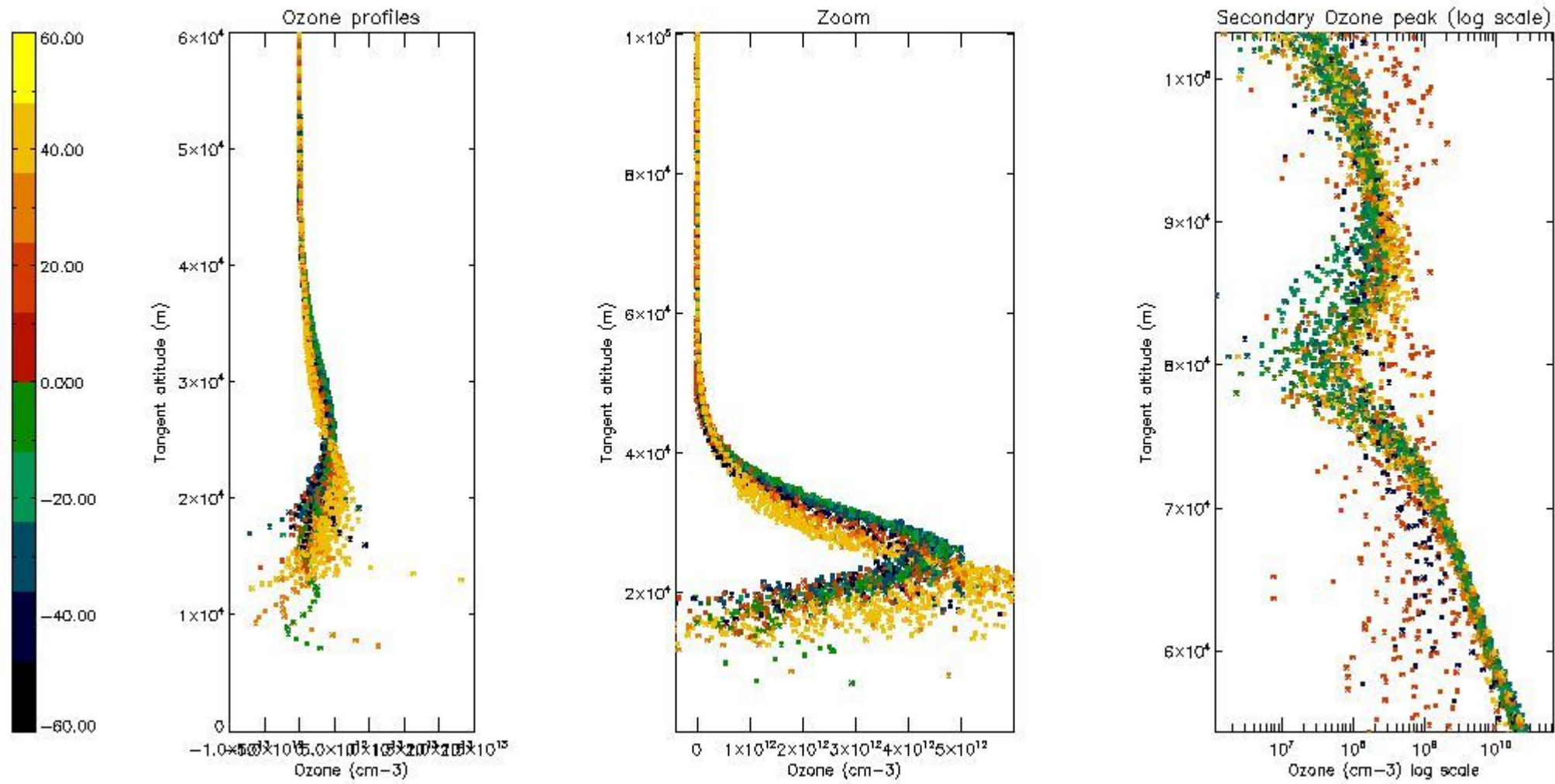
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	35
STD < 20	20

STD < 10	16
STD < 5	11

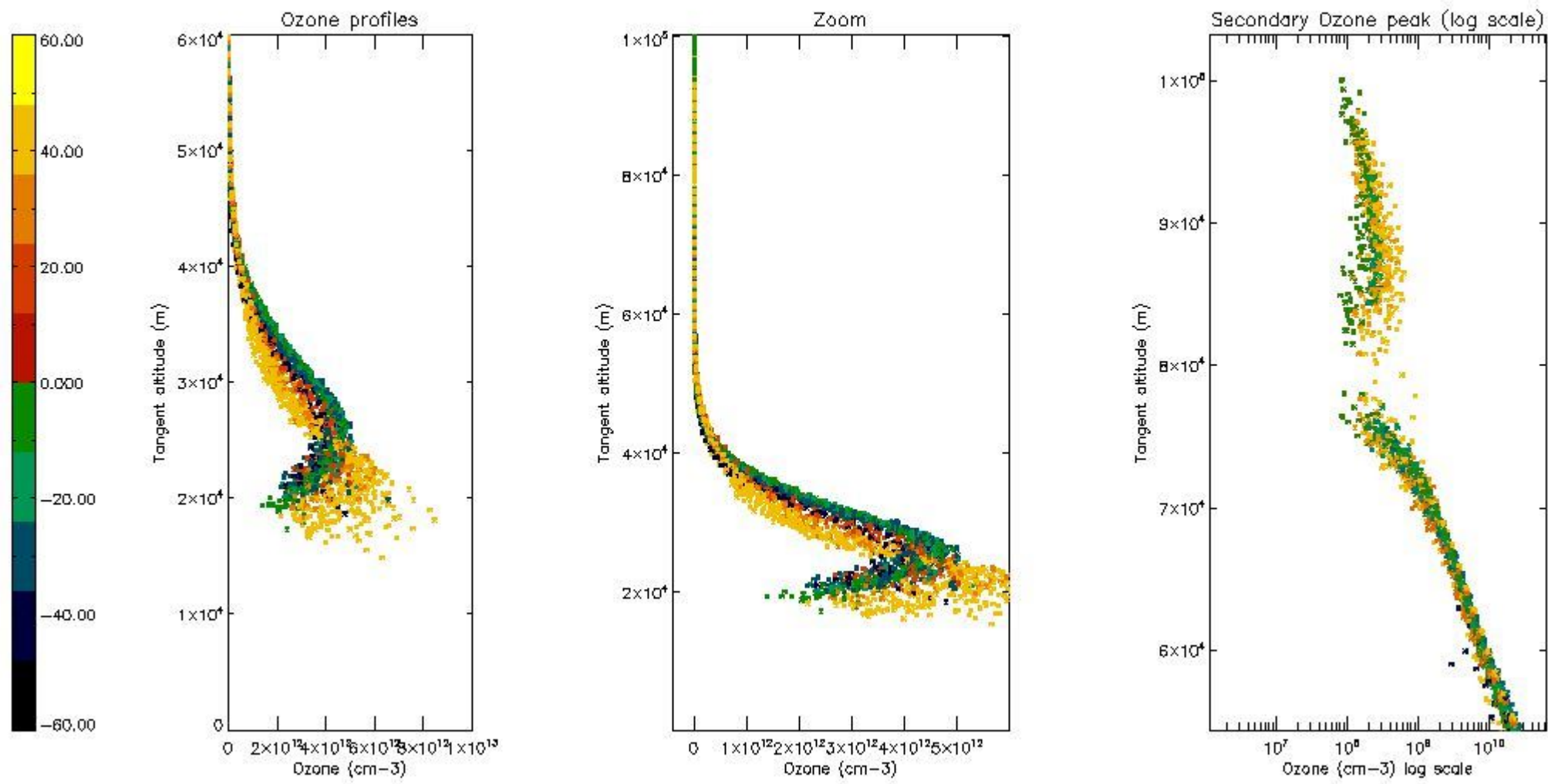
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



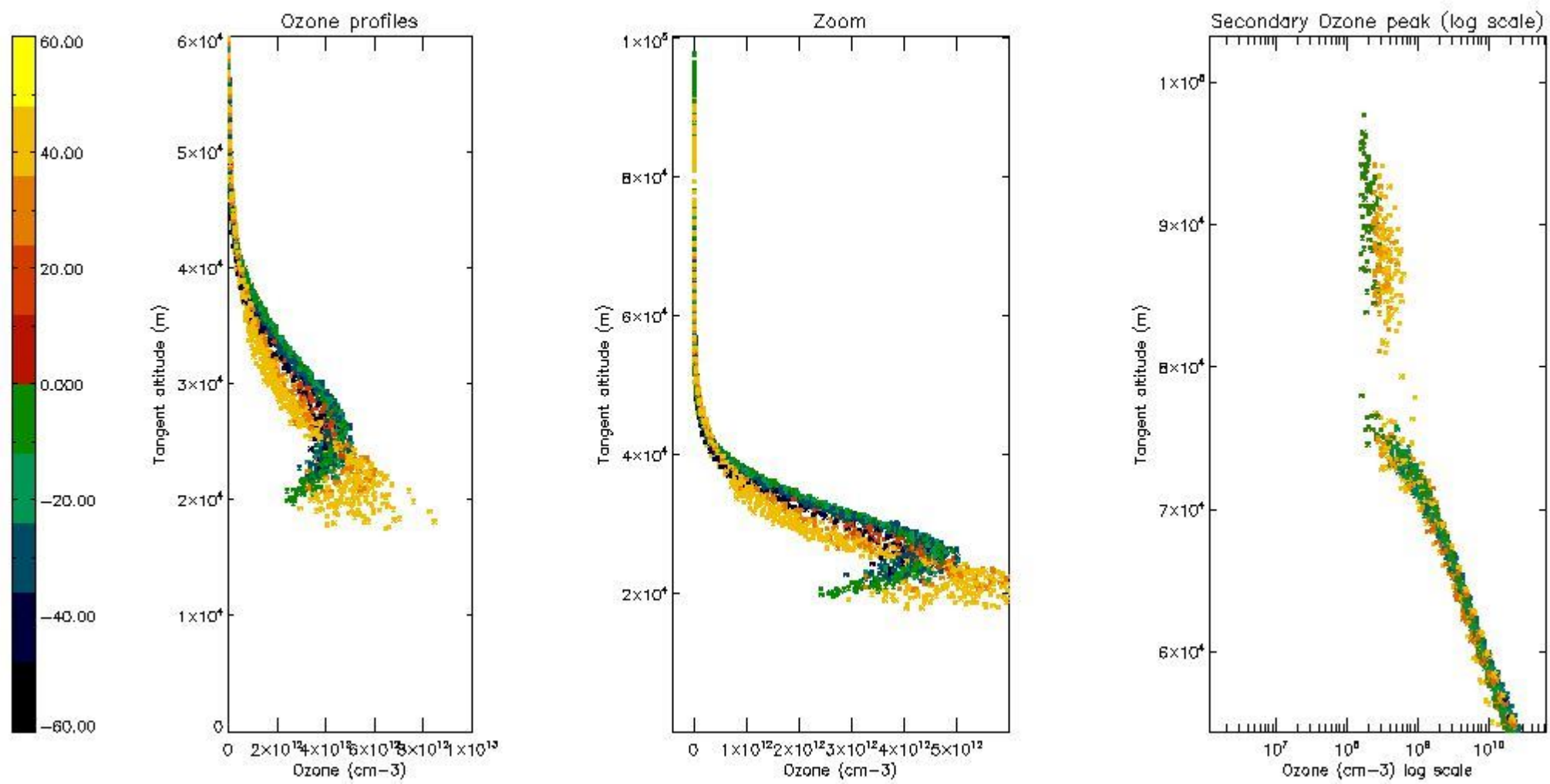
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



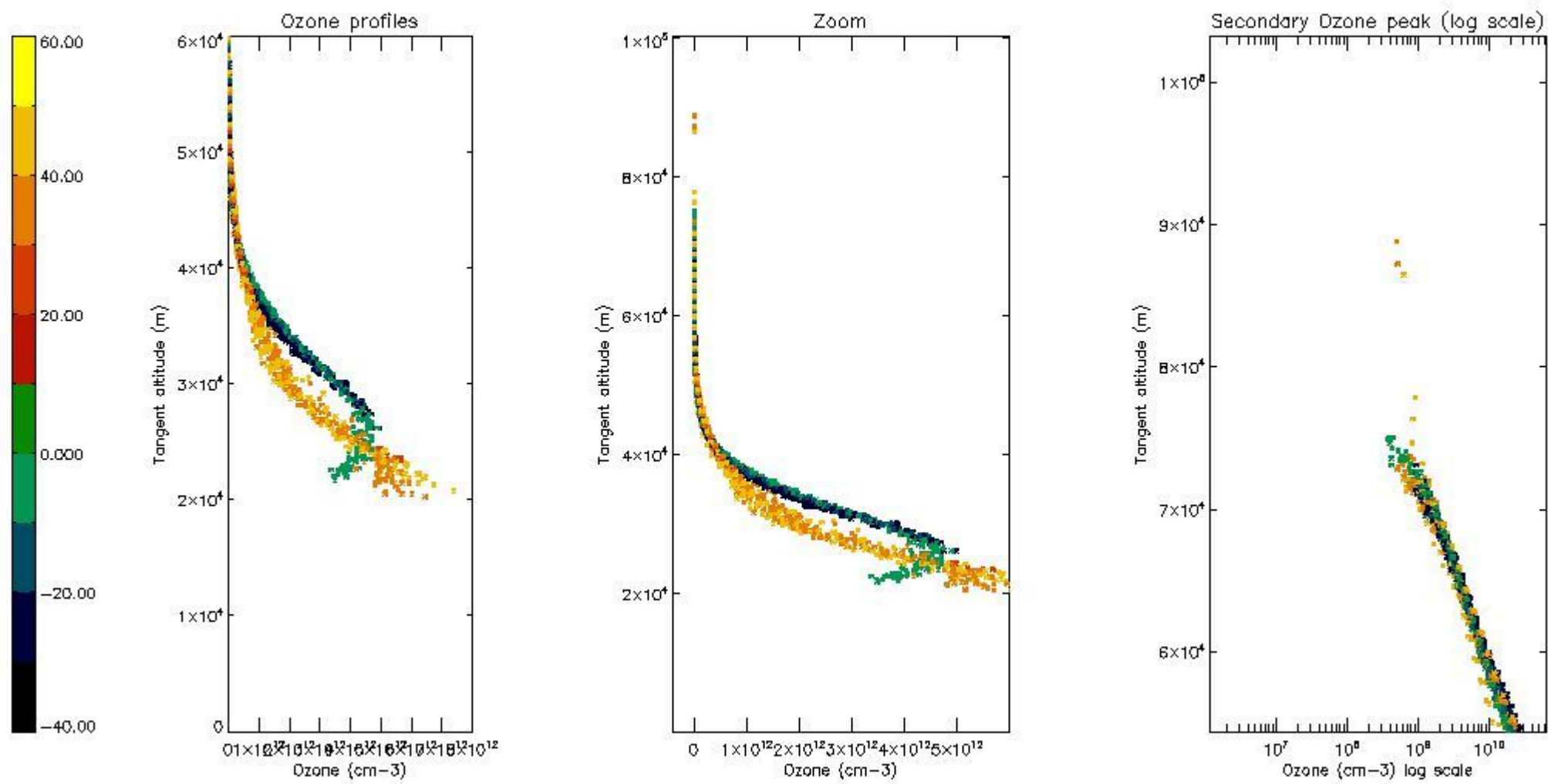
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



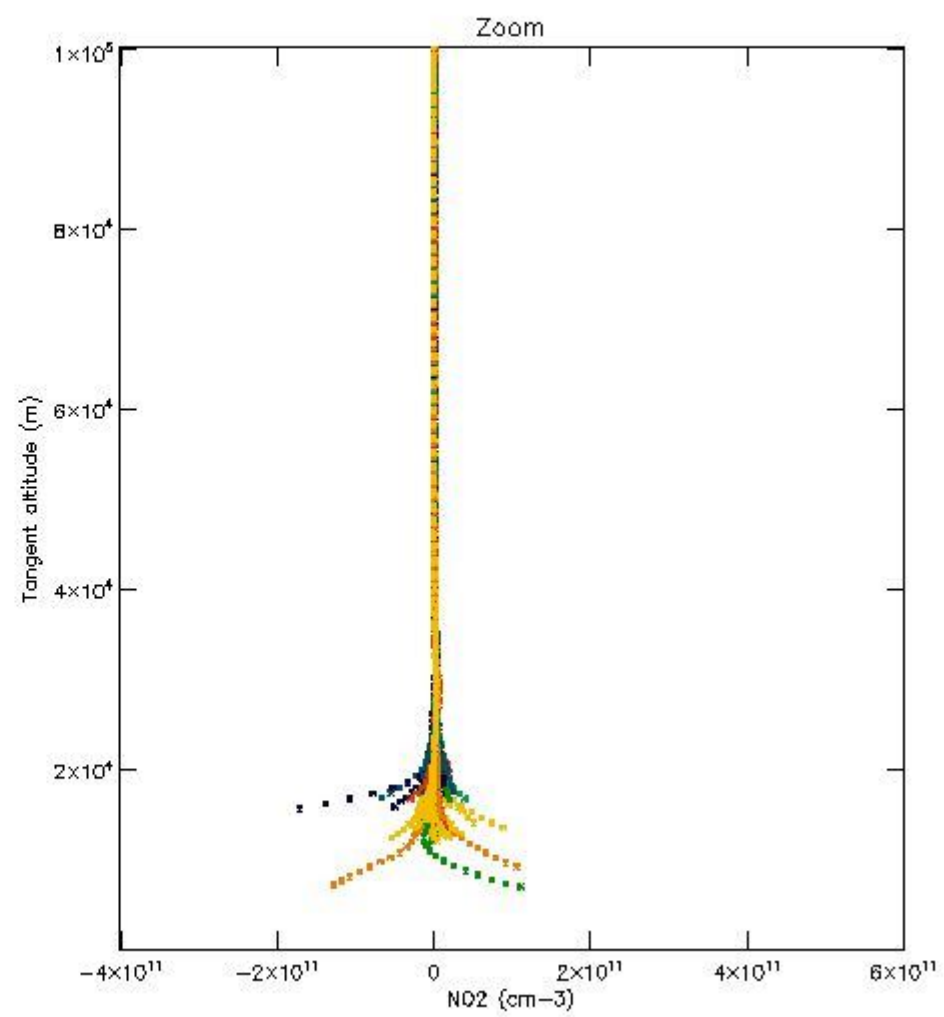
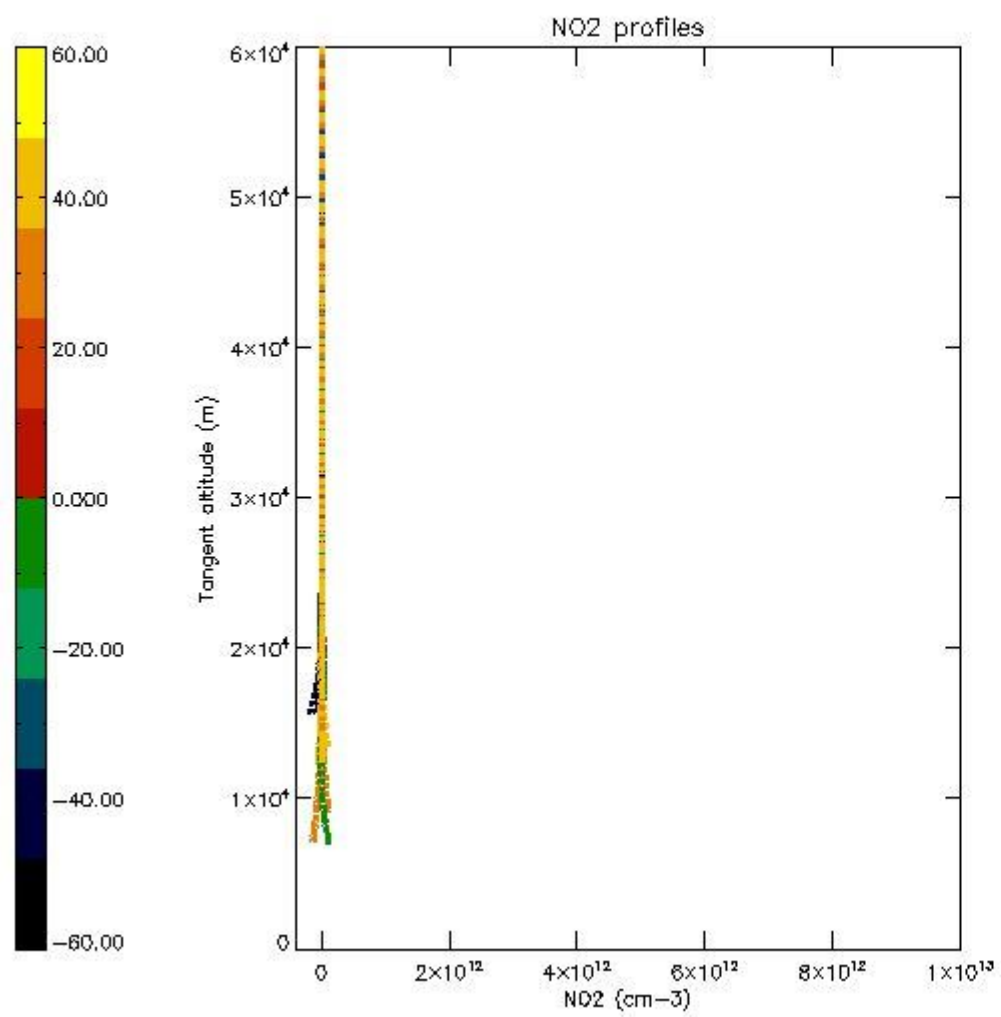
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



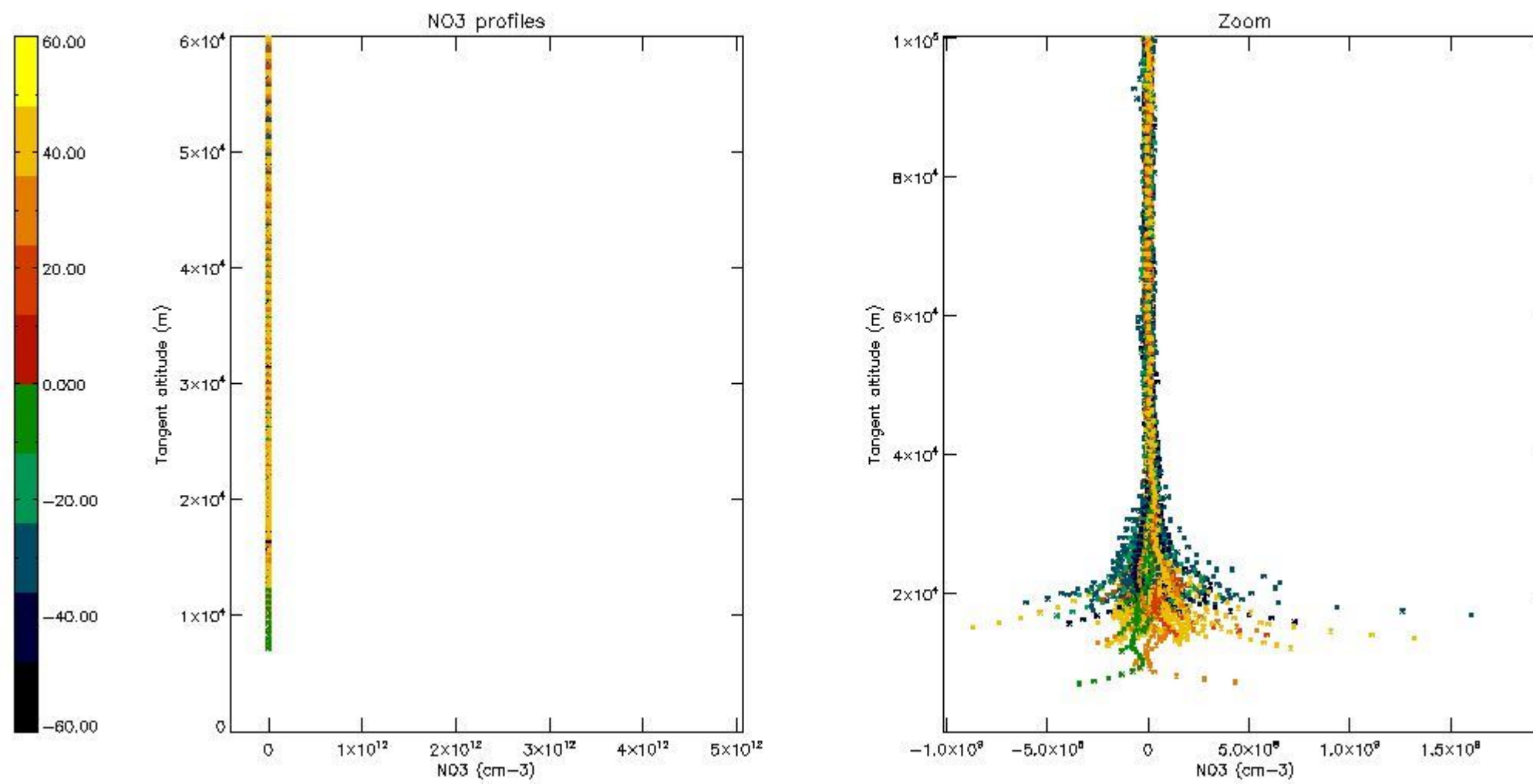
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	15-JAN-2011 00:02:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-JAN-2011 00:02:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-JAN-2011 00:02:01

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	24APR2013 09:12:14
Data source version	GOMOS/6.01
Start time of products	15-01-2011 (15JAN2011 00:00:00)
Stop time of products	16-01-2011 (16JAN2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	317
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__2PRFIN20110115_000201_000000433098_00275_46410_7539.N1	15-JAN-2011 00:02:01	Dark	43.000	70	Zet Pup	2.2460	39000.	86	46410	No
2	GOM_NL__2PRFIN20110115_000548_000000433098_00275_46410_7540.N1	15-JAN-2011 00:05:48	Straylight	43.000	88	31Eta CMa	2.4480	20000.	86	46410	No
3	GOM_NL__2PRFIN20110115_000739_000000423098_00275_46410_7541.N1	15-JAN-2011 00:07:39	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	46410	No
4	GOM_NL__2PRFIN20110115_001637_000000623098_00275_46410_7542.N1	15-JAN-2011 00:16:37	Twilight	61.500	8	10Alp CMi	0.40000	6500.0	123	46410	No
5	GOM_NL__2PRFIN20110115_001932_000000543098_00275_46410_7543.N1	15-JAN-2011 00:19:32	Bright	53.500	44	24Gam Gem	1.9280	11000.	107	46410	No
6	GOM_NL__2PRFIN20110115_002114_000000403098_00275_46410_7544.N1	15-JAN-2011 00:21:14	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	46410	No
7	GOM_NL__2PRFIN20110115_002411_000000483098_00275_46410_7545.N1	15-JAN-2011 00:24:11	Bright	47.500	17	78Bet Gem	1.1610	4500.0	95	46410	No
8	GOM_NL__2PRFIN20110115_004401_000000373098_00275_46410_7546.N1	15-JAN-2011 00:44:01	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	46410	No
9	GOM_NL__2PRFIN20110115_004818_000000393098_00275_46410_7547.N1	15-JAN-2011 00:48:18	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46410	No
10	GOM_NL__2PRFIN20110115_005707_000000413098_00275_46410_7548.N1	15-JAN-2011 00:57:07	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	46410	No
11	GOM_NL__2PRFIN20110115_005919_000000633098_00275_46410_7549.N1	15-JAN-2011 00:59:19	Bright	63.000	67	5Alp CrB	2.2210	11000.	126	46410	No
12	GOM_NL__2PRFIN20110115_010540_000000623098_00275_46410_7550.N1	15-JAN-2011 01:05:40	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46410	No
13	GOM_NL__2PRFIN20110115_010748_000000563098_00275_46410_7551.N1	15-JAN-2011 01:07:48	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	46410	No
14	GOM_NL__2PRFIN20110115_011127_000000503098_00275_46410_7552.N1	15-JAN-2011 01:11:27	Twilight	50.000	104	27Bet Lib	2.6140	13100.	100	46410	No
15	GOM_NL__2PRFIN20110115_011323_000000463098_00275_46410_7553.N1	15-JAN-2011 01:13:23	Twilight	45.500	80	7Del Sco	2.3160	30000.	91	46410	No
16	GOM_NL__2PRFIN20110115_012205_000000433098_00275_46410_7554.N1	15-JAN-2011 01:22:05	Dark	43.000	78	Alp Lup	2.3040	28000.	86	46410	No
17	GOM_NL__2PRFIN20110115_012405_000000463098_00276_46411_7544.N1	15-JAN-2011 01:24:05	Dark	45.500	95	Zet Cen	2.5450	26000.	91	46411	No
18	GOM_NL__2PRFIN20110115_012810_000000423098_00276_46411_7545.N1	15-JAN-2011 01:28:10	Dark	42.000	20	Bet Cru	1.2530	30000.	84	46411	No
19	GOM_NL__2PRFIN20110115_013533_000000413098_00276_46411_7546.N1	15-JAN-2011 01:35:33	Dark	41.000	71	lot Car	2.2460	7700.0	82	46411	No
20	GOM_NL__2PRFIN20110115_013724_000000403098_00276_46411_7547.N1	15-JAN-2011 01:37:24	Dark	39.500	46	Del Vel	1.9540	10600.	79	46411	No
21	GOM_NL__2PRFIN20110115_014007_000000463098_00276_46411_7548.N1	15-JAN-2011 01:40:07	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	46411	No
22	GOM_NL__2PRFIN20110115_014215_000000443098_00276_46411_7549.N1	15-JAN-2011 01:42:15	Dark	44.000	70	Zet Pup	2.2460	39000.	88	46411	No
23	GOM_NL__2PRFIN20110115_014602_000000443098_00276_46411_7550.N1	15-JAN-2011 01:46:02	Straylight	44.000	88	31Eta CMa	2.4480	20000.	88	46411	No
24	GOM_NL__2PRFIN20110115_014754_000000423098_00276_46411_7551.N1	15-JAN-2011 01:47:54	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	46411	No
25	GOM_NL__2PRFIN20110115_015651_000000613098_00276_46411_7552.N1	15-JAN-2011 01:56:51	Twilight	60.500	8	10Alp CMi	0.40000	6500.0	121	46411	No
26	GOM_NL__2PRFIN20110115_015945_000000423098_00276_46411_7553.N1	15-JAN-2011 01:59:45	Bright	42.000	44	24Gam Gem	1.9280	11000.	84	46411	No
27	GOM_NL__2PRFIN20110115_020128_000000413098_00276_46411_7554.N1	15-JAN-2011 02:01:28	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	46411	No
28	GOM_NL__2PRFIN20110115_020424_000000493098_00276_46411_7555.N1	15-JAN-2011 02:04:24	Bright	48.500	17	78Bet Gem	1.1610	4500.0	97	46411	No
29	GOM_NL__2PRFIN20110115_022415_000000393098_00276_46411_7556.N1	15-JAN-2011 02:24:15	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46411	No
30	GOM_NL__2PRFIN20110115_022832_000000383098_00276_46411_7557.N1	15-JAN-2011 02:28:32	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46411	No
31	GOM_NL__2PRFIN20110115_023721_000000543098_00276_46411_7558.N1	15-JAN-2011 02:37:21	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	46411	No
32	GOM_NL__2PRFIN20110115_023934_000000423098_00276_46411_7559.N1	15-JAN-2011 02:39:34	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	46411	No
33	GOM_NL__2PRFIN20110115_024555_000000623098_00276_46411_7560.N1	15-JAN-2011 02:45:55	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46411	No
34	GOM_NL__2PRFIN20110115_024803_000000563098_00276_46411_7561.N1	15-JAN-2011 02:48:03	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	46411	No
35	GOM_NL__2PRFIN20110115_025141_000000483098_00276_46411_7562.N1	15-JAN-2011 02:51:41	Twilight	47.500	104	27Bet Lib	2.6140	13100.	95	46411	No
36	GOM_NL__2PRFIN20110115_025337_000000413098_00276_46411_7563.N1	15-JAN-2011 02:53:37	Twilight	40.500	80	7Del Sco	2.3160	30000.	81	46411	No
37	GOM_NL__2PRFIN20110115_030219_000000413098_00276_46411_7564.N1	15-JAN-2011 03:02:19	Dark	40.500	78	Alp Lup	2.3040	28000.	81	46411	No
38	GOM_NL__2PRFIN20110115_030420_000000443098_00277_46412_7554.N1	15-JAN-2011 03:04:20	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46412	No
39	GOM_NL__2PRFIN20110115_030824_000000423098_00277_46412_7555.N1	15-JAN-2011 03:08:24	Dark	42.000	20	Bet Cru	1.2530	30000.	84	46412	No
40	GOM_NL__2PRFIN20110115_031548_000000403098_00277_46412_7556.N1	15-JAN-2011 03:15:48	Dark	40.000	71	lot Car	2.2460	7700.0	80	46412	No
41	GOM_NL__2PRFIN20110115_031739_000000433098_00277_46412_7557.N1	15-JAN-2011 03:17:39	Dark	43.000	46	Del Vel	1.9540	10600.	86	46412	No
42	GOM_NL__2PRFIN20110115_032022_000000443098_00277_46412_7558.N1	15-JAN-2011 03:20:22	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	46412	No

43	GOM_NL__2PRFIN20110115_032230_000000453098_00277_46412_7559.N1	15-JAN-2011 03:22:30	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46412	No
44	GOM_NL__2PRFIN20110115_032617_000000443098_00277_46412_7560.N1	15-JAN-2011 03:26:17	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46412	No
45	GOM_NL__2PRFIN20110115_032808_000000423098_00277_46412_7561.N1	15-JAN-2011 03:28:08	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	46412	No
46	GOM_NL__2PRFIN20110115_033705_000000553098_00277_46412_7562.N1	15-JAN-2011 03:37:05	Tw_i_and_stray	55.000	8	10Alp CMi	0.40000	6500.0	110	46412	No
47	GOM_NL__2PRFIN20110115_033959_000000453098_00277_46412_7563.N1	15-JAN-2011 03:39:59	Bright	44.500	44	24Gam Gem	1.9280	11000.	89	46412	No
48	GOM_NL__2PRFIN20110115_034142_000000413098_00277_46412_7564.N1	15-JAN-2011 03:41:42	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	46412	No
49	GOM_NL__2PRFIN20110115_034437_000000483098_00277_46412_7565.N1	15-JAN-2011 03:44:37	Bright	48.000	17	78Bet Gem	1.1610	4500.0	96	46412	No
50	GOM_NL__2PRFIN20110115_040429_000000563098_00277_46412_7566.N1	15-JAN-2011 04:04:29	Bright	56.000	60	7Bet UMi	2.0810	3950.0	112	46412	No
51	GOM_NL__2PRFIN20110115_040846_000000403098_00277_46412_7567.N1	15-JAN-2011 04:08:46	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46412	No
52	GOM_NL__2PRFIN20110115_041736_000000363098_00277_46412_7568.N1	15-JAN-2011 04:17:36	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	46412	No
53	GOM_NL__2PRFIN20110115_041948_000000643098_00277_46412_7569.N1	15-JAN-2011 04:19:48	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46412	No
54	GOM_NL__2PRFIN20110115_042609_000000623098_00277_46412_7570.N1	15-JAN-2011 04:26:09	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46412	No
55	GOM_NL__2PRFIN20110115_042817_000000563098_00277_46412_7571.N1	15-JAN-2011 04:28:17	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	46412	No
56	GOM_NL__2PRFIN20110115_043156_000000503098_00277_46412_7572.N1	15-JAN-2011 04:31:56	Tw_i_and_stray	49.500	104	27Bet Lib	2.6140	13100.	99	46412	No
57	GOM_NL__2PRFIN20110115_043352_000000483098_00277_46412_7573.N1	15-JAN-2011 04:33:52	Tw_i_and_stray	47.500	80	7Del Sco	2.3160	30000.	95	46412	No
58	GOM_NL__2PRFIN20110115_044104_000000403098_00277_46412_7574.N1	15-JAN-2011 04:41:04	Dark	40.000	109	Bet Lup	2.6770	26000.	80	46412	No
59	GOM_NL__2PRFIN20110115_044234_000000433098_00277_46412_7575.N1	15-JAN-2011 04:42:34	Dark	42.500	78	Alp Lup	2.3040	28000.	85	46412	No
60	GOM_NL__2PRFIN20110115_044435_000000413098_00278_46413_7563.N1	15-JAN-2011 04:44:35	Dark	41.000	95	Zet Cen	2.5450	26000.	82	46413	No
61	GOM_NL__2PRFIN20110115_044839_000000423098_00278_46413_7564.N1	15-JAN-2011 04:48:39	Dark	42.000	20	Bet Cru	1.2530	30000.	84	46413	No
62	GOM_NL__2PRFIN20110115_045604_000000383098_00278_46413_7565.N1	15-JAN-2011 04:56:04	Dark	38.000	71	lot Car	2.2460	7700.0	76	46413	No
63	GOM_NL__2PRFIN20110115_045754_000000453098_00278_46413_7566.N1	15-JAN-2011 04:57:54	Dark	45.000	46	Del Vel	1.9540	10600.	90	46413	No
64	GOM_NL__2PRFIN20110115_050036_000000423098_00278_46413_7567.N1	15-JAN-2011 05:00:36	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	46413	No
65	GOM_NL__2PRFIN20110115_050244_000000453098_00278_46413_7568.N1	15-JAN-2011 05:02:44	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46413	No
66	GOM_NL__2PRFIN20110115_050631_000000443098_00278_46413_7569.N1	15-JAN-2011 05:06:31	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46413	No
67	GOM_NL__2PRFIN20110115_050822_000000403098_00278_46413_7570.N1	15-JAN-2011 05:08:22	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	46413	No
68	GOM_NL__2PRFIN20110115_051719_000000533098_00278_46413_7571.N1	15-JAN-2011 05:17:19	Tw_i_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	46413	No
69	GOM_NL__2PRFIN20110115_052014_000000443098_00278_46413_7572.N1	15-JAN-2011 05:20:14	Bright	44.000	44	24Gam Gem	1.9280	11000.	88	46413	No
70	GOM_NL__2PRFIN20110115_052156_000000483098_00278_46413_7573.N1	15-JAN-2011 05:21:56	Bright	48.000	151	13Mu Gem	2.8900	3000.0	96	46413	No
71	GOM_NL__2PRFIN20110115_052451_000000493098_00278_46413_7574.N1	15-JAN-2011 05:24:51	Bright	48.500	17	78Bet Gem	1.1610	4500.0	97	46413	No
72	GOM_NL__2PRFIN20110115_054442_000000383098_00278_46413_7575.N1	15-JAN-2011 05:44:42	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	46413	No
73	GOM_NL__2PRFIN20110115_054900_000000393098_00278_46413_7576.N1	15-JAN-2011 05:49:00	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46413	No
74	GOM_NL__2PRFIN20110115_055750_000000493098_00278_46413_7577.N1	15-JAN-2011 05:57:50	Bright	48.500	133	40Zet Her	2.8070	6000.0	97	46413	No
75	GOM_NL__2PRFIN20110115_060002_000000643098_00278_46413_7578.N1	15-JAN-2011 06:00:02	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46413	No
76	GOM_NL__2PRFIN20110115_060624_000000623098_00278_46413_7579.N1	15-JAN-2011 06:06:24	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46413	No
77	GOM_NL__2PRFIN20110115_060832_000000393098_00278_46413_7580.N1	15-JAN-2011 06:08:32	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	46413	No
78	GOM_NL__2PRFIN20110115_061211_000000523098_00278_46413_7581.N1	15-JAN-2011 06:12:11	Tw_i_and_stray	51.500	104	27Bet Lib	2.6140	13100.	103	46413	No
79	GOM_NL__2PRFIN20110115_061406_000000473098_00278_46413_7582.N1	15-JAN-2011 06:14:06	Tw_i_and_stray	46.500	80	7Del Sco	2.3160	30000.	93	46413	No
80	GOM_NL__2PRFIN20110115_062118_000000413098_00278_46413_7583.N1	15-JAN-2011 06:21:18	Dark	40.500	109	Bet Lup	2.6770	26000.	81	46413	No
81	GOM_NL__2PRFIN20110115_062249_000000413098_00278_46413_7584.N1	15-JAN-2011 06:22:49	Dark	41.000	78	Alp Lup	2.3040	28000.	82	46413	No
82	GOM_NL__2PRFIN20110115_062450_000000433098_00279_46414_7585.N1	15-JAN-2011 06:24:50	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46414	No
83	GOM_NL__2PRFIN20110115_062854_000000473098_00279_46414_7586.N1	15-JAN-2011 06:28:54	Dark	47.000	20	Bet Cru	1.2530	30000.	94	46414	No
84	GOM_NL__2PRFIN20110115_063454_000000473098_00279_46414_7587.N1	15-JAN-2011 06:34:54	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46414	No
85	GOM_NL__2PRFIN20110115_063808_000000513098_00279_46414_7588.N1	15-JAN-2011 06:38:08	Dark	50.500	46	Del Vel	1.9540	10600.	101	46414	No
86	GOM_NL__2PRFIN20110115_064051_000000413098_00279_46414_7589.N1	15-JAN-2011 06:40:51	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	46414	No
87	GOM_NL__2PRFIN20110115_064258_000000433098_00279_46414_7590.N1	15-JAN-2011 06:42:58	Dark	43.000	70	Zet Pup	2.2460	39000.	86	46414	No
88	GOM_NL__2PRFIN20110115_064645_000000423098_00279_46414_7591.N1	15-JAN-2011 06:46:45	Straylight	42.000	88	31Eta CMa	2.4480	20000.	84	46414	No
89	GOM_NL__2PRFIN20110115_064837_000000413098_00279_46414_7592.N1	15-JAN-2011 06:48:37	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	46414	No
90	GOM_NL__2PRFIN20110115_065733_000000573098_00279_46414_7593.N1	15-JAN-2011 06:57:33	Tw_i_and_stray	57.000	8	10Alp CMi	0.40000	6500.0	114	46414	No
91	GOM_NL__2PRFIN20110115_070028_000000553098_00279_46414_7594.N1	15-JAN-2011 07:00:28	Bright	55.000	44	24Gam Gem	1.9280	11000.	110	46414	No
92	GOM_NL__2PRFIN20110115_070210_000000413098_00279_46414_7595.N1	15-JAN-2011 07:02:10	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	46414	No
93	GOM_NL__2PRFIN20110115_070504_000000483098_00279_46414_7596.N1	15-JAN-2011 07:05:04	Bright	48.000	17	78Bet Gem	1.1610	4500.0	96	46414	No
94	GOM_NL__2PRFIN20110115_072456_000000363098_00279_46414_7597.N1	15-JAN-2011 07:24:56	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	46414	No
95	GOM_NL__2PRFIN20110115_072914_000000393098_00279_46414_7598.N1	15-JAN-2011 07:29:14	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46414	No
96	GOM_NL__2PRFIN20110115_073804_000000553098_00279_46414_7599.N1	15-JAN-2011 07:38:04	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46414	No
97	GOM_NL__2PRFIN20110115_074016_000000643098_00279_46414_7600.N1	15-JAN-2011 07:40:16	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46414	No
98	GOM_NL__2PRFIN20110115_074639_000000623098_00279_46414_7601.N1	15-JAN-2011 07:46:39	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46414	No
99	GOM_NL__2PRFIN20110115_074846_000000563098_00279_46414_7602.N1	15-JAN-2011 07:48:46	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	46414	No
100	GOM_NL__2PRFIN20110115_075226_000000503098_00279_46414_7603.N1	15-JAN-2011 07:52:26	Tw_i_and_stray	49.500	104	27Bet Lib	2.6140	13100.	99	46414	No
101	GOM_NL__2PRFIN20110115_075421_000000423098_00279_46414_7604.N1	15-JAN-2011 07:54:21	Tw_i_and_stray	42.000	80	7Del Sco	2.3160	30000.	84	46414	No

102	GOM_NL__2PRFIN20110115_080133_000000413098_00279_46414_7605.N1	15-JAN-2011 08:01:33	Dark	40.500	109	Bet Lup	2.6770	26000.	81	46414	No
103	GOM_NL__2PRFIN20110115_080303_000000443098_00279_46414_7606.N1	15-JAN-2011 08:03:03	Dark	44.000	78	Alp Lup	2.3040	28000.	88	46414	No
104	GOM_NL__2PRFIN20110115_080505_000000443098_00280_46415_7630.N1	15-JAN-2011 08:05:05	Dark	44.000	95	Zet Cen	2.5450	26000.	88	46415	No
105	GOM_NL__2PRFIN20110115_080909_000000423098_00280_46415_7631.N1	15-JAN-2011 08:09:09	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46415	No
106	GOM_NL__2PRFIN20110115_081509_000000483098_00280_46415_7632.N1	15-JAN-2011 08:15:09	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46415	No
107	GOM_NL__2PRFIN20110115_081822_000000413098_00280_46415_7633.N1	15-JAN-2011 08:18:22	Dark	40.500	46	Del Vel	1.9540	10600.	81	46415	No
108	GOM_NL__2PRFIN20110115_082105_000000423098_00280_46415_7634.N1	15-JAN-2011 08:21:05	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	46415	No
109	GOM_NL__2PRFIN20110115_082313_000000453098_00280_46415_7635.N1	15-JAN-2011 08:23:13	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46415	No
110	GOM_NL__2PRFIN20110115_082700_000000423098_00280_46415_7636.N1	15-JAN-2011 08:27:00	Straylight	42.000	88	31Eta CMa	2.4480	20000.	84	46415	No
111	GOM_NL__2PRFIN20110115_082851_000000383098_00280_46415_7637.N1	15-JAN-2011 08:28:51	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	46415	No
112	GOM_NL__2PRFIN20110115_083747_000000553098_00280_46415_7638.N1	15-JAN-2011 08:37:47	Tw_i_and_stray	54.500	8	10Alp CMi	0.40000	6500.0	109	46415	No
113	GOM_NL__2PRFIN20110115_084042_000000433098_00280_46415_7639.N1	15-JAN-2011 08:40:42	Bright	43.000	44	24Gam Gem	1.9280	11000.	86	46415	No
114	GOM_NL__2PRFIN20110115_084224_000000413098_00280_46415_7640.N1	15-JAN-2011 08:42:24	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	46415	No
115	GOM_NL__2PRFIN20110115_084518_000000473098_00280_46415_7641.N1	15-JAN-2011 08:45:18	Bright	46.500	17	78Bet Gem	1.1610	4500.0	93	46415	No
116	GOM_NL__2PRFIN20110115_090510_000000403098_00280_46415_7642.N1	15-JAN-2011 09:05:10	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46415	No
117	GOM_NL__2PRFIN20110115_090928_000000393098_00280_46415_7643.N1	15-JAN-2011 09:09:28	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46415	No
118	GOM_NL__2PRFIN20110115_091818_000000363098_00280_46415_7644.N1	15-JAN-2011 09:18:18	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	46415	No
119	GOM_NL__2PRFIN20110115_092031_000000643098_00280_46415_7645.N1	15-JAN-2011 09:20:31	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46415	No
120	GOM_NL__2PRFIN20110115_092653_000000503098_00280_46415_7646.N1	15-JAN-2011 09:26:53	Bright	50.000	102	24Alp Ser	2.6000	4250.0	100	46415	No
121	GOM_NL__2PRFIN20110115_092901_000000563098_00280_46415_7647.N1	15-JAN-2011 09:29:01	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	46415	No
122	GOM_NL__2PRFIN20110115_093241_000000503098_00280_46415_7648.N1	15-JAN-2011 09:32:41	Tw_i_and_stray	50.000	104	27Bet Lib	2.6140	13100.	100	46415	No
123	GOM_NL__2PRFIN20110115_093435_000000503098_00280_46415_7649.N1	15-JAN-2011 09:34:35	Tw_i_and_stray	50.000	80	7Del Sco	2.3160	30000.	100	46415	No
124	GOM_NL__2PRFIN20110115_094148_000000423098_00280_46415_7650.N1	15-JAN-2011 09:41:48	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46415	No
125	GOM_NL__2PRFIN20110115_094318_000000413098_00280_46415_7651.N1	15-JAN-2011 09:43:18	Dark	40.500	78	Alp Lup	2.3040	28000.	81	46415	No
126	GOM_NL__2PRFIN20110115_094520_000000463098_00281_46416_7653.N1	15-JAN-2011 09:45:20	Dark	45.500	95	Zet Cen	2.5450	26000.	91	46416	No
127	GOM_NL__2PRFIN20110115_094923_000000413098_00281_46416_7654.N1	15-JAN-2011 09:49:23	Dark	41.000	20	Bet Cru	1.2530	30000.	82	46416	No
128	GOM_NL__2PRFIN20110115_095524_000000473098_00281_46416_7655.N1	15-JAN-2011 09:55:24	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46416	No
129	GOM_NL__2PRFIN20110115_095837_000000443098_00281_46416_7656.N1	15-JAN-2011 09:58:37	Dark	44.000	46	Del Vel	1.9540	10600.	88	46416	No
130	GOM_NL__2PRFIN20110115_100119_000000433098_00281_46416_7657.N1	15-JAN-2011 10:01:19	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	46416	No
131	GOM_NL__2PRFIN20110115_100327_000000463098_00281_46416_7658.N1	15-JAN-2011 10:03:27	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46416	No
132	GOM_NL__2PRFIN20110115_100714_000000413098_00281_46416_7659.N1	15-JAN-2011 10:07:14	Straylight	41.000	88	31Eta CMa	2.4480	20000.	82	46416	No
133	GOM_NL__2PRFIN20110115_100905_000000403098_00281_46416_7660.N1	15-JAN-2011 10:09:05	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	46416	No
134	GOM_NL__2PRFIN20110115_101800_000000583098_00281_46416_7661.N1	15-JAN-2011 10:18:00	Tw_i_and_stray	58.000	8	10Alp CMi	0.40000	6500.0	116	46416	No
135	GOM_NL__2PRFIN20110115_102055_000000453098_00281_46416_7662.N1	15-JAN-2011 10:20:55	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	46416	No
136	GOM_NL__2PRFIN20110115_102238_000000413098_00281_46416_7663.N1	15-JAN-2011 10:22:38	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	46416	No
137	GOM_NL__2PRFIN20110115_102531_000000493098_00281_46416_7664.N1	15-JAN-2011 10:25:31	Bright	48.500	17	78Bet Gem	1.1610	4500.0	97	46416	No
138	GOM_NL__2PRFIN20110115_104524_000000413098_00281_46416_7665.N1	15-JAN-2011 10:45:24	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46416	No
139	GOM_NL__2PRFIN20110115_104942_000000373098_00281_46416_7666.N1	15-JAN-2011 10:49:42	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	46416	No
140	GOM_NL__2PRFIN20110115_105832_000000553098_00281_46416_7667.N1	15-JAN-2011 10:58:32	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46416	No
141	GOM_NL__2PRFIN20110115_110045_000000643098_00281_46416_7668.N1	15-JAN-2011 11:00:45	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46416	No
142	GOM_NL__2PRFIN20110115_110708_000000623098_00281_46416_7669.N1	15-JAN-2011 11:07:08	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46416	No
143	GOM_NL__2PRFIN20110115_110915_000000573098_00281_46416_7670.N1	15-JAN-2011 11:09:15	Bright	57.000	120	1Del Oph	2.7340	3200.0	114	46416	No
144	GOM_NL__2PRFIN20110115_111255_000000523098_00281_46416_7671.N1	15-JAN-2011 11:12:55	Tw_i_and_stray	51.500	104	27Bet Lib	2.6140	13100.	103	46416	No
145	GOM_NL__2PRFIN20110115_111450_000000473098_00281_46416_7672.N1	15-JAN-2011 11:14:50	Tw_i_and_stray	46.500	80	7Del Sco	2.3160	30000.	93	46416	No
146	GOM_NL__2PRFIN20110115_112202_000000413098_00281_46416_7673.N1	15-JAN-2011 11:22:02	Dark	40.500	109	Bet Lup	2.6770	26000.	81	46416	No
147	GOM_NL__2PRFIN20110115_112333_000000423098_00281_46416_7674.N1	15-JAN-2011 11:23:33	Dark	42.000	78	Alp Lup	2.3040	28000.	84	46416	No
148	GOM_NL__2PRFIN20110115_112534_000000433098_00282_46417_7680.N1	15-JAN-2011 11:25:34	Dark	43.000	95	Zet Cen	2.5450	26000.	86	46417	No
149	GOM_NL__2PRFIN20110115_112938_000000403098_00282_46417_7681.N1	15-JAN-2011 11:29:38	Dark	40.000	20	Bet Cru	1.2530	30000.	80	46417	No
150	GOM_NL__2PRFIN20110115_113538_000000463098_00282_46417_7682.N1	15-JAN-2011 11:35:38	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	46417	No
151	GOM_NL__2PRFIN20110115_113851_000000483098_00282_46417_7683.N1	15-JAN-2011 11:38:51	Dark	48.000	46	Del Vel	1.9540	10600.	96	46417	No
152	GOM_NL__2PRFIN20110115_114134_000000433098_00282_46417_7684.N1	15-JAN-2011 11:41:34	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	46417	No
153	GOM_NL__2PRFIN20110115_114341_000000453098_00282_46417_7685.N1	15-JAN-2011 11:43:41	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46417	No
154	GOM_NL__2PRFIN20110115_114728_000000423098_00282_46417_7686.N1	15-JAN-2011 11:47:28	Straylight	41.500	88	31Eta CMa	2.4480	20000.	83	46417	No
155	GOM_NL__2PRFIN20110115_114919_000000383098_00282_46417_7687.N1	15-JAN-2011 11:49:19	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	46417	No
156	GOM_NL__2PRFIN20110115_115814_000000583098_00282_46417_7688.N1	15-JAN-2011 11:58:14	Tw_i_and_stray	57.500	8	10Alp CMi	0.40000	6500.0	115	46417	No
157	GOM_NL__2PRFIN20110115_120109_000000543098_00282_46417_7689.N1	15-JAN-2011 12:01:09	Bright	54.000	44	24Gam Gem	1.9280	11000.	108	46417	No
158	GOM_NL__2PRFIN20110115_120252_000000423098_00282_46417_7690.N1	15-JAN-2011 12:02:52	Bright	41.500	151	13Mu Gem	2.8900	3000.0	83	46417	No
159	GOM_NL__2PRFIN20110115_120545_000000473098_00282_46417_7691.N1	15-JAN-2011 12:05:45	Bright	47.000	17	78Bet Gem	1.1610	4500.0	94	46417	No
160	GOM_NL__2PRFIN20110115_122538_000000373098_00282_46417_7692.N1	15-JAN-2011 12:25:38	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	46417	No

161	GOM_NL__2PRFIN20110115_122956_000000383098_00282_46417_7693.N1	15-JAN-2011 12:29:56	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46417	No
162	GOM_NL__2PRFIN20110115_123847_000000553098_00282_46417_7694.N1	15-JAN-2011 12:38:47	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46417	No
163	GOM_NL__2PRFIN20110115_124059_000000583098_00282_46417_7695.N1	15-JAN-2011 12:40:59	Bright	57.500	67	5Alp CrB	2.2210	11000.	115	46417	No
164	GOM_NL__2PRFIN20110115_124722_000000623098_00282_46417_7696.N1	15-JAN-2011 12:47:22	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46417	No
165	GOM_NL__2PRFIN20110115_124929_000000573098_00282_46417_7697.N1	15-JAN-2011 12:49:29	Bright	57.000	120	1Del Oph	2.7340	3200.0	114	46417	No
166	GOM_NL__2PRFIN20110115_125310_000000483098_00282_46417_7698.N1	15-JAN-2011 12:53:10	Tw_i_and_stray	48.000	104	27Bet Lib	2.6140	13100.	96	46417	No
167	GOM_NL__2PRFIN20110115_125505_000000443098_00282_46417_7699.N1	15-JAN-2011 12:55:05	Tw_i_and_stray	44.000	80	7Del Sco	2.3160	30000.	88	46417	No
168	GOM_NL__2PRFIN20110115_130217_000000433098_00282_46417_7700.N1	15-JAN-2011 13:02:17	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46417	No
169	GOM_NL__2PRFIN20110115_130347_000000423098_00282_46417_7701.N1	15-JAN-2011 13:03:47	Dark	41.500	78	Alp Lup	2.3040	28000.	83	46417	No
170	GOM_NL__2PRFIN20110115_130549_000000433098_00283_46418_7757.N1	15-JAN-2011 13:05:49	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46418	No
171	GOM_NL__2PRFIN20110115_130952_000000413098_00283_46418_7758.N1	15-JAN-2011 13:09:52	Dark	41.000	20	Bet Cru	1.2530	30000.	82	46418	No
172	GOM_NL__2PRFIN20110115_131553_000000483098_00283_46418_7759.N1	15-JAN-2011 13:15:53	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46418	No
173	GOM_NL__2PRFIN20110115_131906_000000413098_00283_46418_7760.N1	15-JAN-2011 13:19:06	Dark	40.500	46	Del Vel	1.9540	10600.	81	46418	No
174	GOM_NL__2PRFIN20110115_132148_000000443098_00283_46418_7761.N1	15-JAN-2011 13:21:48	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	46418	No
175	GOM_NL__2PRFIN20110115_132356_000000453098_00283_46418_7762.N1	15-JAN-2011 13:23:56	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46418	No
176	GOM_NL__2PRFIN20110115_132742_000000413098_00283_46418_7763.N1	15-JAN-2011 13:27:42	Straylight	40.500	88	31Eta CMa	2.4480	20000.	81	46418	No
177	GOM_NL__2PRFIN20110115_132933_000000403098_00283_46418_7764.N1	15-JAN-2011 13:29:33	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	46418	No
178	GOM_NL__2PRFIN20110115_133828_000000593098_00283_46418_7765.N1	15-JAN-2011 13:38:28	Tw_i_and_stray	58.500	8	10Alp CMi	0.40000	6500.0	117	46418	No
179	GOM_NL__2PRFIN20110115_134123_000000523098_00283_46418_7766.N1	15-JAN-2011 13:41:23	Bright	52.000	44	24Gam Gem	1.9280	11000.	104	46418	No
180	GOM_NL__2PRFIN20110115_134306_000000433098_00283_46418_7767.N1	15-JAN-2011 13:43:06	Bright	42.500	151	13Mu Gem	2.8900	3000.0	85	46418	No
181	GOM_NL__2PRFIN20110115_134558_000000493098_00283_46418_7768.N1	15-JAN-2011 13:45:58	Bright	48.500	17	78Bet Gem	1.1610	4500.0	97	46418	No
182	GOM_NL__2PRFIN20110115_140552_000000393098_00283_46418_7769.N1	15-JAN-2011 14:05:52	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46418	No
183	GOM_NL__2PRFIN20110115_141010_000000393098_00283_46418_7770.N1	15-JAN-2011 14:10:10	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46418	No
184	GOM_NL__2PRFIN20110115_141901_000000553098_00283_46418_7771.N1	15-JAN-2011 14:19:01	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46418	No
185	GOM_NL__2PRFIN20110115_142113_000000643098_00283_46418_7772.N1	15-JAN-2011 14:21:13	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46418	No
186	GOM_NL__2PRFIN20110115_142736_000000623098_00283_46418_7773.N1	15-JAN-2011 14:27:36	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46418	No
187	GOM_NL__2PRFIN20110115_142944_000000573098_00283_46418_7774.N1	15-JAN-2011 14:29:44	Bright	57.000	120	1Del Oph	2.7340	3200.0	114	46418	No
188	GOM_NL__2PRFIN20110115_143325_000000463098_00283_46418_7775.N1	15-JAN-2011 14:33:25	Tw_i_and_stray	45.500	104	27Bet Lib	2.6140	13100.	91	46418	No
189	GOM_NL__2PRFIN20110115_143519_000000443098_00283_46418_7776.N1	15-JAN-2011 14:35:19	Tw_i_and_stray	44.000	80	7Del Sco	2.3160	30000.	88	46418	No
190	GOM_NL__2PRFIN20110115_144232_000000413098_00283_46418_7777.N1	15-JAN-2011 14:42:32	Dark	40.500	109	Bet Lup	2.6770	26000.	81	46418	No
191	GOM_NL__2PRFIN20110115_144402_000000423098_00283_46418_7778.N1	15-JAN-2011 14:44:02	Dark	42.000	78	Alp Lup	2.3040	28000.	84	46418	No
192	GOM_NL__2PRFIN20110115_144604_000000443098_00284_46419_7880.N1	15-JAN-2011 14:46:04	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46419	No
193	GOM_NL__2PRFIN20110115_145007_000000443098_00284_46419_7881.N1	15-JAN-2011 14:50:07	Dark	43.500	20	Bet Cru	1.2530	30000.	87	46419	No
194	GOM_NL__2PRFIN20110115_145608_000000473098_00284_46419_7882.N1	15-JAN-2011 14:56:08	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46419	No
195	GOM_NL__2PRFIN20110115_145920_000000403098_00284_46419_7883.N1	15-JAN-2011 14:59:20	Dark	40.000	46	Del Vel	1.9540	10600.	80	46419	No
196	GOM_NL__2PRFIN20110115_150202_000000423098_00284_46419_7884.N1	15-JAN-2011 15:02:02	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	46419	No
197	GOM_NL__2PRFIN20110115_150410_000000433098_00284_46419_7885.N1	15-JAN-2011 15:04:10	Dark	42.500	70	Zet Pup	2.2460	39000.	85	46419	No
198	GOM_NL__2PRFIN20110115_150757_000000443098_00284_46419_7886.N1	15-JAN-2011 15:07:57	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46419	No
199	GOM_NL__2PRFIN20110115_150947_000000413098_00284_46419_7887.N1	15-JAN-2011 15:09:47	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	46419	No
200	GOM_NL__2PRFIN20110115_151842_000000633098_00284_46419_7888.N1	15-JAN-2011 15:18:42	Tw_i_and_stray	63.000	8	10Alp CMi	0.40000	6500.0	126	46419	No
201	GOM_NL__2PRFIN20110115_152137_000000543098_00284_46419_7889.N1	15-JAN-2011 15:21:37	Bright	54.000	44	24Gam Gem	1.9280	11000.	108	46419	No
202	GOM_NL__2PRFIN20110115_152320_000000423098_00284_46419_7890.N1	15-JAN-2011 15:23:20	Bright	42.000	151	13Mu Gem	2.8900	3000.0	84	46419	No
203	GOM_NL__2PRFIN20110115_152612_000000483098_00284_46419_7891.N1	15-JAN-2011 15:26:12	Bright	48.000	17	78Bet Gem	1.1610	4500.0	96	46419	No
204	GOM_NL__2PRFIN20110115_154605_000000403098_00284_46419_7892.N1	15-JAN-2011 15:46:05	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46419	No
205	GOM_NL__2PRFIN20110115_155024_000000393098_00284_46419_7893.N1	15-JAN-2011 15:50:24	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46419	No
206	GOM_NL__2PRFIN20110115_155915_000000553098_00284_46419_7894.N1	15-JAN-2011 15:59:15	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46419	No
207	GOM_NL__2PRFIN20110115_160128_000000643098_00284_46419_7895.N1	15-JAN-2011 16:01:28	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46419	No
208	GOM_NL__2PRFIN20110115_160751_000000623098_00284_46419_7896.N1	15-JAN-2011 16:07:51	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46419	No
209	GOM_NL__2PRFIN20110115_160958_000000403098_00284_46419_7897.N1	15-JAN-2011 16:09:58	Bright	39.500	120	1Del Oph	2.7340	3200.0	79	46419	No
210	GOM_NL__2PRFIN20110115_161340_000000533098_00284_46419_7898.N1	15-JAN-2011 16:13:40	Tw_i_and_stray	52.500	104	27Bet Lib	2.6140	13100.	105	46419	No
211	GOM_NL__2PRFIN20110115_161534_000000453098_00284_46419_7899.N1	15-JAN-2011 16:15:34	Tw_i_and_stray	44.500	80	7Del Sco	2.3160	30000.	89	46419	No
212	GOM_NL__2PRFIN20110115_162246_000000403098_00284_46419_7900.N1	15-JAN-2011 16:22:46	Dark	40.000	109	Bet Lup	2.6770	26000.	80	46419	No
213	GOM_NL__2PRFIN20110115_162417_000000403098_00284_46419_7901.N1	15-JAN-2011 16:24:17	Dark	40.000	78	Alp Lup	2.3040	28000.	80	46419	No
214	GOM_NL__2PRFIN20110115_162619_000000423098_00285_46420_7925.N1	15-JAN-2011 16:26:19	Dark	41.500	95	Zet Cen	2.5450	26000.	83	46420	No
215	GOM_NL__2PRFIN20110115_163022_000000453098_00285_46420_7926.N1	15-JAN-2011 16:30:22	Dark	45.000	20	Bet Cru	1.2530	30000.	90	46420	No
216	GOM_NL__2PRFIN20110115_163623_000000513098_00285_46420_7927.N1	15-JAN-2011 16:36:23	Dark	51.000	113	Mu Vel	2.6920	5000.0	102	46420	No
217	GOM_NL__2PRFIN20110115_163935_000000423098_00285_46420_7928.N1	15-JAN-2011 16:39:35	Dark	41.500	46	Del Vel	1.9540	10600.	83	46420	No
218	GOM_NL__2PRFIN20110115_164217_000000463098_00285_46420_7929.N1	15-JAN-2011 16:42:17	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	46420	No
219	GOM_NL__2PRFIN20110115_164425_000000433098_00285_46420_7930.N1	15-JAN-2011 16:44:25	Dark	43.000	70	Zet Pup	2.2460	39000.	86	46420	No

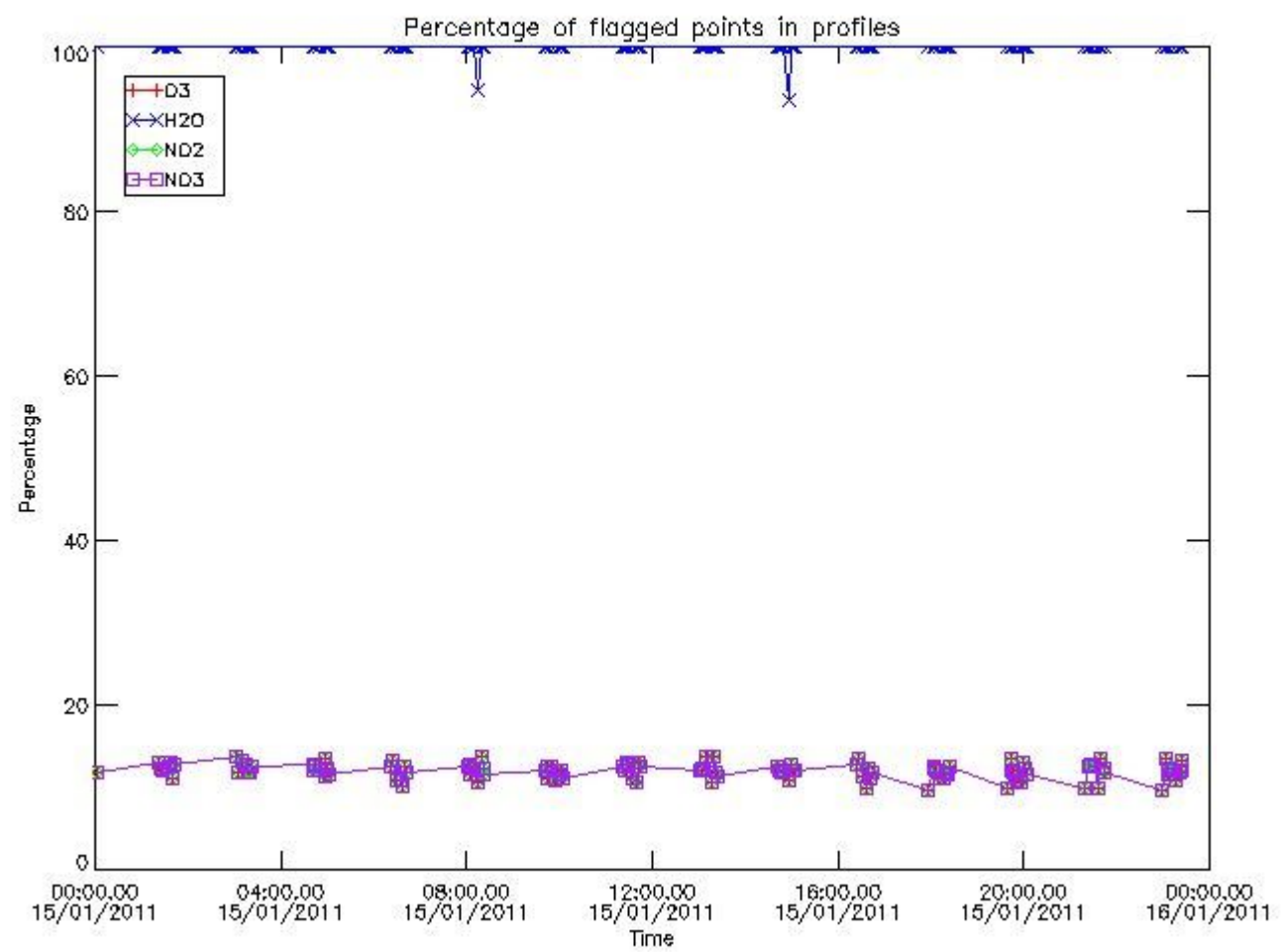
220	GOM_NL__2PRFIN20110115_164811_000000443098_00285_46420_7931.N1	15-JAN-2011 16:48:11	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46420	No
221	GOM_NL__2PRFIN20110115_165002_000000423098_00285_46420_7932.N1	15-JAN-2011 16:50:02	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	46420	No
222	GOM_NL__2PRFIN20110115_165855_000000533098_00285_46420_7933.N1	15-JAN-2011 16:58:55	Tw_i_and_stray	52.500	8	10Alp CMi	0.40000	6500.0	105	46420	No
223	GOM_NL__2PRFIN20110115_170151_000000453098_00285_46420_7934.N1	15-JAN-2011 17:01:51	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	46420	No
224	GOM_NL__2PRFIN20110115_170334_000000533098_00285_46420_7935.N1	15-JAN-2011 17:03:34	Bright	53.000	151	13Mu Gem	2.8900	3000.0	106	46420	No
225	GOM_NL__2PRFIN20110115_170626_000000483098_00285_46420_7936.N1	15-JAN-2011 17:06:26	Bright	47.500	17	78Bet Gem	1.1610	4500.0	95	46420	No
226	GOM_NL__2PRFIN20110115_172619_000000413098_00285_46420_7937.N1	15-JAN-2011 17:26:19	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46420	No
227	GOM_NL__2PRFIN20110115_173038_000000403098_00285_46420_7938.N1	15-JAN-2011 17:30:38	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46420	No
228	GOM_NL__2PRFIN20110115_173929_000000363098_00285_46420_7939.N1	15-JAN-2011 17:39:29	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	46420	No
229	GOM_NL__2PRFIN20110115_174142_000000643098_00285_46420_7940.N1	15-JAN-2011 17:41:42	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46420	No
230	GOM_NL__2PRFIN20110115_174806_000000623098_00285_46420_7941.N1	15-JAN-2011 17:48:06	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46420	No
231	GOM_NL__2PRFIN20110115_175013_000000573098_00285_46420_7942.N1	15-JAN-2011 17:50:13	Bright	57.000	120	1Del Oph	2.7340	3200.0	114	46420	No
232	GOM_NL__2PRFIN20110115_175355_000000513098_00285_46420_7943.N1	15-JAN-2011 17:53:55	Tw_i_and_stray	51.000	104	27Bet Lib	2.6140	13100.	102	46420	No
233	GOM_NL__2PRFIN20110115_175548_000000473098_00285_46420_7944.N1	15-JAN-2011 17:55:48	Tw_i_and_stray	46.500	80	7Del Sco	2.3160	30000.	93	46420	No
234	GOM_NL__2PRFIN20110115_175711_000000533098_00285_46420_7945.N1	15-JAN-2011 17:57:11	Dark	53.000	122	9Alp2Lib	2.7470	9700.0	106	46420	No
235	GOM_NL__2PRFIN20110115_180301_000000413098_00285_46420_7946.N1	15-JAN-2011 18:03:01	Dark	41.000	109	Bet Lup	2.6770	26000.	82	46420	No
236	GOM_NL__2PRFIN20110115_180431_000000423098_00285_46420_7947.N1	15-JAN-2011 18:04:31	Dark	41.500	78	Alp Lup	2.3040	28000.	83	46420	No
237	GOM_NL__2PRFIN20110115_180634_000000433098_00286_46421_7948.N1	15-JAN-2011 18:06:34	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46421	No
238	GOM_NL__2PRFIN20110115_181036_000000463098_00286_46421_7949.N1	15-JAN-2011 18:10:36	Dark	45.500	20	Bet Cru	1.2530	30000.	91	46421	No
239	GOM_NL__2PRFIN20110115_181638_000000463098_00286_46421_7950.N1	15-JAN-2011 18:16:38	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	46421	No
240	GOM_NL__2PRFIN20110115_181949_000000443098_00286_46421_7951.N1	15-JAN-2011 18:19:49	Dark	43.500	46	Del Vel	1.9540	10600.	87	46421	No
241	GOM_NL__2PRFIN20110115_182231_000000453098_00286_46421_7952.N1	15-JAN-2011 18:22:31	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	46421	No
242	GOM_NL__2PRFIN20110115_182439_000000453098_00286_46421_7953.N1	15-JAN-2011 18:24:39	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46421	No
243	GOM_NL__2PRFIN20110115_182825_000000443098_00286_46421_7954.N1	15-JAN-2011 18:28:25	Straylight	44.000	88	31Eta CMa	2.4480	20000.	88	46421	No
244	GOM_NL__2PRFIN20110115_183016_000000423098_00286_46421_7955.N1	15-JAN-2011 18:30:16	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	46421	No
245	GOM_NL__2PRFIN20110115_183909_000000593098_00286_46421_7956.N1	15-JAN-2011 18:39:09	Tw_i_and_stray	59.000	8	10Alp CMi	0.40000	6500.0	118	46421	No
246	GOM_NL__2PRFIN20110115_184205_000000403098_00286_46421_7957.N1	15-JAN-2011 18:42:05	Bright	40.000	44	24Gam Gem	1.9280	11000.	80	46421	No
247	GOM_NL__2PRFIN20110115_184348_000000433098_00286_46421_7958.N1	15-JAN-2011 18:43:48	Bright	42.500	151	13Mu Gem	2.8900	3000.0	85	46421	No
248	GOM_NL__2PRFIN20110115_184639_000000473098_00286_46421_7959.N1	15-JAN-2011 18:46:39	Bright	46.500	17	78Bet Gem	1.1610	4500.0	93	46421	No
249	GOM_NL__2PRFIN20110115_190633_000000413098_00286_46421_7960.N1	15-JAN-2011 19:06:33	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46421	No
250	GOM_NL__2PRFIN20110115_191052_000000403098_00286_46421_7961.N1	15-JAN-2011 19:10:52	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46421	No
251	GOM_NL__2PRFIN20110115_191943_000000373098_00286_46421_7962.N1	15-JAN-2011 19:19:43	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	46421	No
252	GOM_NL__2PRFIN20110115_192156_000000433098_00286_46421_7963.N1	15-JAN-2011 19:21:56	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	46421	No
253	GOM_NL__2PRFIN20110115_192820_000000623098_00286_46421_7964.N1	15-JAN-2011 19:28:20	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	46421	No
254	GOM_NL__2PRFIN20110115_193027_000000573098_00286_46421_7965.N1	15-JAN-2011 19:30:27	Bright	57.000	120	1Del Oph	2.7340	3200.0	114	46421	No
255	GOM_NL__2PRFIN20110115_193410_000000483098_00286_46421_7966.N1	15-JAN-2011 19:34:10	Tw_i_and_stray	47.500	104	27Bet Lib	2.6140	13100.	95	46421	No
256	GOM_NL__2PRFIN20110115_193603_000000463098_00286_46421_7967.N1	15-JAN-2011 19:36:03	Tw_i_and_stray	45.500	80	7Del Sco	2.3160	30000.	91	46421	No
257	GOM_NL__2PRFIN20110115_193726_000000523098_00286_46421_7968.N1	15-JAN-2011 19:37:26	Dark	52.000	122	9Alp2Lib	2.7470	9700.0	104	46421	No
258	GOM_NL__2PRFIN20110115_194316_000000423098_00286_46421_7969.N1	15-JAN-2011 19:43:16	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46421	No
259	GOM_NL__2PRFIN20110115_194446_000000423098_00286_46421_7970.N1	15-JAN-2011 19:44:46	Dark	42.000	78	Alp Lup	2.3040	28000.	84	46421	No
260	GOM_NL__2PRFIN20110115_194649_000000443098_00287_46422_7974.N1	15-JAN-2011 19:46:49	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46422	No
261	GOM_NL__2PRFIN20110115_195051_000000523098_00287_46422_7975.N1	15-JAN-2011 19:50:51	Dark	52.000	20	Bet Cru	1.2530	30000.	104	46422	No
262	GOM_NL__2PRFIN20110115_195652_000000493098_00287_46422_7976.N1	15-JAN-2011 19:56:52	Dark	48.500	113	Mu Vel	2.6920	5000.0	97	46422	No
263	GOM_NL__2PRFIN20110115_200003_000000403098_00287_46422_7977.N1	15-JAN-2011 20:00:03	Dark	39.500	46	Del Vel	1.9540	10600.	79	46422	No
264	GOM_NL__2PRFIN20110115_200246_000000423098_00287_46422_7978.N1	15-JAN-2011 20:02:46	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	46422	No
265	GOM_NL__2PRFIN20110115_200453_000000443098_00287_46422_7979.N1	15-JAN-2011 20:04:53	Dark	44.000	70	Zet Pup	2.2460	39000.	88	46422	No
266	GOM_NL__2PRFIN20110115_200839_000000423098_00287_46422_7980.N1	15-JAN-2011 20:08:39	Straylight	42.000	88	31Eta CMa	2.4480	20000.	84	46422	No
267	GOM_NL__2PRFIN20110115_201030_000000403098_00287_46422_7981.N1	15-JAN-2011 20:10:30	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	46422	No
268	GOM_NL__2PRFIN20110115_201923_000000533098_00287_46422_7982.N1	15-JAN-2011 20:19:23	Tw_i_and_stray	52.500	8	10Alp CMi	0.40000	6500.0	105	46422	No
269	GOM_NL__2PRFIN20110115_202219_000000453098_00287_46422_7983.N1	15-JAN-2011 20:22:19	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	46422	No
270	GOM_NL__2PRFIN20110115_202402_000000403098_00287_46422_7984.N1	15-JAN-2011 20:24:02	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	46422	No
271	GOM_NL__2PRFIN20110115_202653_000000483098_00287_46422_7985.N1	15-JAN-2011 20:26:53	Bright	48.000	17	78Bet Gem	1.1610	4500.0	96	46422	No
272	GOM_NL__2PRFIN20110115_204647_000000373098_00287_46422_7986.N1	15-JAN-2011 20:46:47	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	46422	No
273	GOM_NL__2PRFIN20110115_205106_000000383098_00287_46422_7987.N1	15-JAN-2011 20:51:06	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46422	No
274	GOM_NL__2PRFIN20110115_205957_000000553098_00287_46422_7988.N1	15-JAN-2011 20:59:57	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46422	No
275	GOM_NL__2PRFIN20110115_210210_000000443098_00287_46422_7989.N1	15-JAN-2011 21:02:10	Bright	44.000	67	5Alp CrB	2.2210	11000.	88	46422	No
276	GOM_NL__2PRFIN20110115_210835_000000633098_00287_46422_7990.N1	15-JAN-2011 21:08:35	Bright	63.000	102	24Alp Ser	2.6000	4250.0	126	46422	No
277	GOM_NL__2PRFIN20110115_211042_000000573098_00287_46422_7991.N1	15-JAN-2011 21:10:42	Bright	57.000	120	1Del Oph	2.7340	3200.0	114	46422	No
278	GOM_NL__2PRFIN20110115_211425_000000533098_00287_46422_7992.N1	15-JAN-2011 21:14:25	Tw_i_and_stray	52.500	104	27Bet Lib	2.6140	13100.	105	46422	No

279	GOM_NL__2PRFIN20110115_211617_000000473098_00287_46422_7993.N1	15-JAN-2011 21:16:17	Twilight	46.500	80	7Del Sco	2.3160	30000.	93	46422	No
280	GOM_NL__2PRFIN20110115_211741_000000513098_00287_46422_7994.N1	15-JAN-2011 21:17:41	Dark	51.000	122	9Alp2Lib	2.7470	9700.0	102	46422	No
281	GOM_NL__2PRFIN20110115_212330_000000413098_00287_46422_7995.N1	15-JAN-2011 21:23:30	Dark	41.000	109	Bet Lup	2.6770	26000.	82	46422	No
282	GOM_NL__2PRFIN20110115_212501_000000413098_00287_46422_7996.N1	15-JAN-2011 21:25:01	Dark	41.000	78	Alp Lup	2.3040	28000.	82	46422	No
283	GOM_NL__2PRFIN20110115_212703_000000443098_00288_46423_8001.N1	15-JAN-2011 21:27:03	Dark	44.000	95	Zet Cen	2.5450	26000.	88	46423	No
284	GOM_NL__2PRFIN20110115_213106_000000413098_00288_46423_8002.N1	15-JAN-2011 21:31:06	Dark	41.000	20	Bet Cru	1.2530	30000.	82	46423	No
285	GOM_NL__2PRFIN20110115_213707_000000523098_00288_46423_8003.N1	15-JAN-2011 21:37:07	Dark	51.500	113	Mu Vel	2.6920	5000.0	103	46423	No
286	GOM_NL__2PRFIN20110115_214018_000000423098_00288_46423_8004.N1	15-JAN-2011 21:40:18	Dark	41.500	46	Del Vel	1.9540	10600.	83	46423	No
287	GOM_NL__2PRFIN20110115_214300_000000463098_00288_46423_8005.N1	15-JAN-2011 21:43:00	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	46423	No
288	GOM_NL__2PRFIN20110115_214508_000000443098_00288_46423_8006.N1	15-JAN-2011 21:45:08	Dark	43.500	70	Zet Pup	2.2460	39000.	87	46423	No
289	GOM_NL__2PRFIN20110115_214853_000000443098_00288_46423_8007.N1	15-JAN-2011 21:48:53	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46423	No
290	GOM_NL__2PRFIN20110115_215044_000000403098_00288_46423_8008.N1	15-JAN-2011 21:50:44	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	46423	No
291	GOM_NL__2PRFIN20110115_215937_000000543098_00288_46423_8009.N1	15-JAN-2011 21:59:37	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	46423	No
292	GOM_NL__2PRFIN20110115_220233_000000403098_00288_46423_8010.N1	15-JAN-2011 22:02:33	Bright	40.000	44	24Gam Gem	1.9280	11000.	80	46423	No
293	GOM_NL__2PRFIN20110115_220416_000000403098_00288_46423_8011.N1	15-JAN-2011 22:04:16	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	46423	No
294	GOM_NL__2PRFIN20110115_220706_000000483098_00288_46423_8012.N1	15-JAN-2011 22:07:06	Bright	47.500	17	78Bet Gem	1.1610	4500.0	95	46423	No
295	GOM_NL__2PRFIN20110115_222701_000000373098_00288_46423_8013.N1	15-JAN-2011 22:27:01	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	46423	No
296	GOM_NL__2PRFIN20110115_223120_000000373098_00288_46423_8014.N1	15-JAN-2011 22:31:20	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	46423	No
297	GOM_NL__2PRFIN20110115_224011_000000373098_00288_46423_8015.N1	15-JAN-2011 22:40:11	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	46423	No
298	GOM_NL__2PRFIN20110115_224225_000000593098_00288_46423_8016.N1	15-JAN-2011 22:42:25	Bright	58.500	67	5Alp CrB	2.2210	11000.	117	46423	No
299	GOM_NL__2PRFIN20110115_224849_000000633098_00288_46423_8017.N1	15-JAN-2011 22:48:49	Bright	63.000	102	24Alp Ser	2.6000	4250.0	126	46423	No
300	GOM_NL__2PRFIN20110115_225056_000000573098_00288_46423_8018.N1	15-JAN-2011 22:50:56	Bright	57.000	120	1Del Oph	2.7340	3200.0	114	46423	No
301	GOM_NL__2PRFIN20110115_225439_000000503098_00288_46423_8019.N1	15-JAN-2011 22:54:39	Twilight	49.500	104	27Bet Lib	2.6140	13100.	99	46423	No
302	GOM_NL__2PRFIN20110115_225632_000000483098_00288_46423_8020.N1	15-JAN-2011 22:56:32	Twilight	47.500	80	7Del Sco	2.3160	30000.	95	46423	No
303	GOM_NL__2PRFIN20110115_225756_000000543098_00288_46423_8021.N1	15-JAN-2011 22:57:56	Dark	53.500	122	9Alp2Lib	2.7470	9700.0	107	46423	No
304	GOM_NL__2PRFIN20110115_230345_000000423098_00288_46423_8022.N1	15-JAN-2011 23:03:45	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46423	No
305	GOM_NL__2PRFIN20110115_230515_000000423098_00288_46423_8023.N1	15-JAN-2011 23:05:15	Dark	41.500	78	Alp Lup	2.3040	28000.	83	46423	No
306	GOM_NL__2PRFIN20110115_230718_000000453098_00289_46424_8018.N1	15-JAN-2011 23:07:18	Dark	44.500	95	Zet Cen	2.5450	26000.	89	46424	No
307	GOM_NL__2PRFIN20110115_231120_000000423098_00289_46424_8019.N1	15-JAN-2011 23:11:20	Dark	42.000	20	Bet Cru	1.2530	30000.	84	46424	No
308	GOM_NL__2PRFIN20110115_231722_000000473098_00289_46424_8020.N1	15-JAN-2011 23:17:22	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46424	No
309	GOM_NL__2PRFIN20110115_232032_000000443098_00289_46424_8021.N1	15-JAN-2011 23:20:32	Dark	43.500	46	Del Vel	1.9540	10600.	87	46424	No
310	GOM_NL__2PRFIN20110115_232314_000000433098_00289_46424_8022.N1	15-JAN-2011 23:23:14	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	46424	No
311	GOM_NL__2PRFIN20110115_232522_000000423098_00289_46424_8023.N1	15-JAN-2011 23:25:22	Dark	42.000	70	Zet Pup	2.2460	39000.	84	46424	No
312	GOM_NL__2PRFIN20110115_232908_000000443098_00289_46424_8024.N1	15-JAN-2011 23:29:08	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46424	No
313	GOM_NL__2PRFIN20110115_233058_000000413098_00289_46424_8025.N1	15-JAN-2011 23:30:58	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	46424	No
314	GOM_NL__2PRFIN20110115_233951_000000603098_00289_46424_8026.N1	15-JAN-2011 23:39:51	Twilight	60.000	8	10Alp CMi	0.40000	6500.0	120	46424	No
315	GOM_NL__2PRFIN20110115_234247_000000523098_00289_46424_8027.N1	15-JAN-2011 23:42:47	Bright	51.500	44	24Gam Gem	1.9280	11000.	103	46424	No
316	GOM_NL__2PRFIN20110115_234430_000000403098_00289_46424_8028.N1	15-JAN-2011 23:44:30	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	46424	No
317	GOM_NL__2PRFIN20110115_234720_000000473098_00289_46424_8029.N1	15-JAN-2011 23:47:20	Bright	46.500	17	78Bet Gem	1.1610	4500.0	93	46424	No

3. Quality information per product

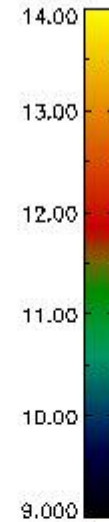
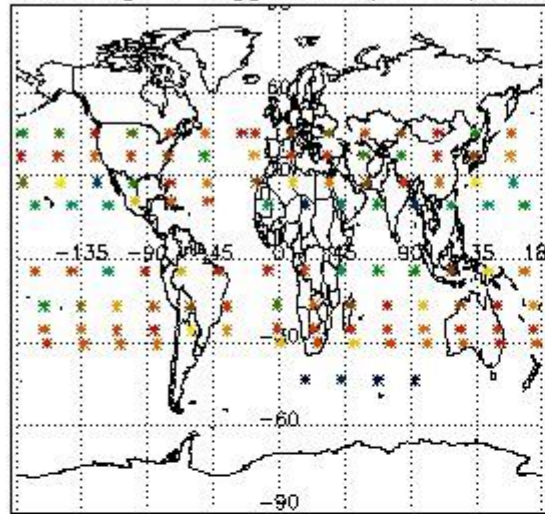
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

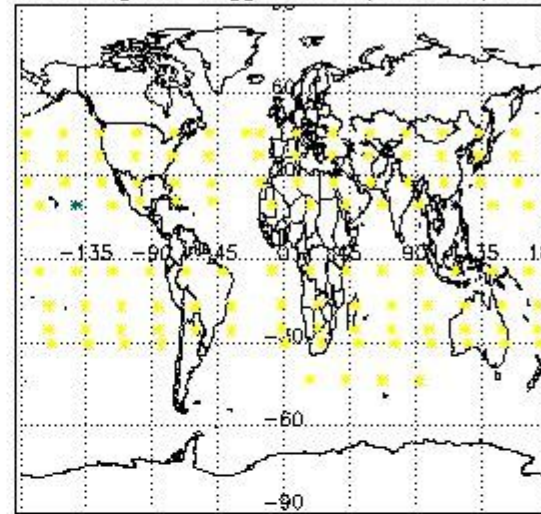


3.2 Plot quality information per product (world map)

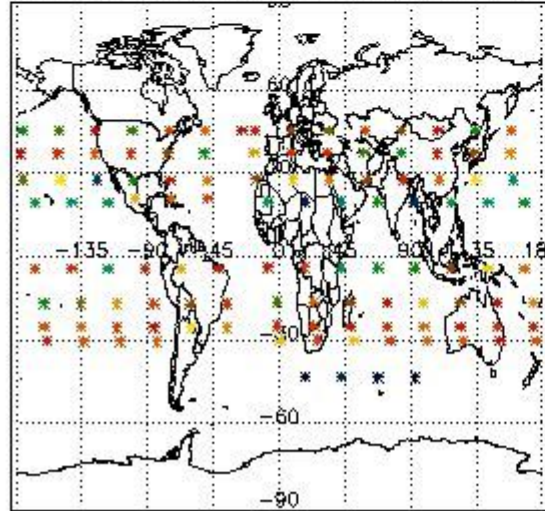
Percentage of flagged data per O3 profile



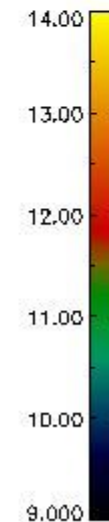
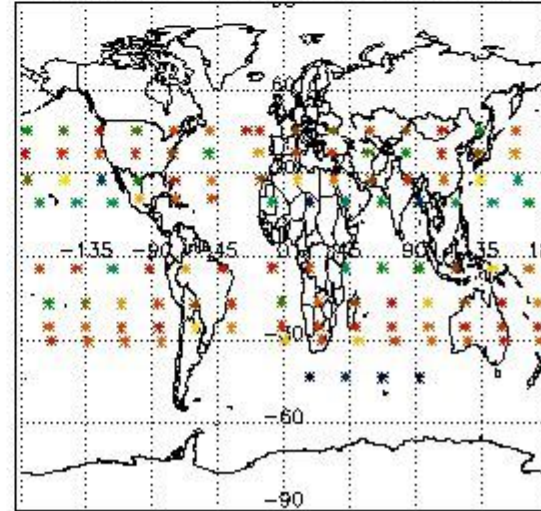
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

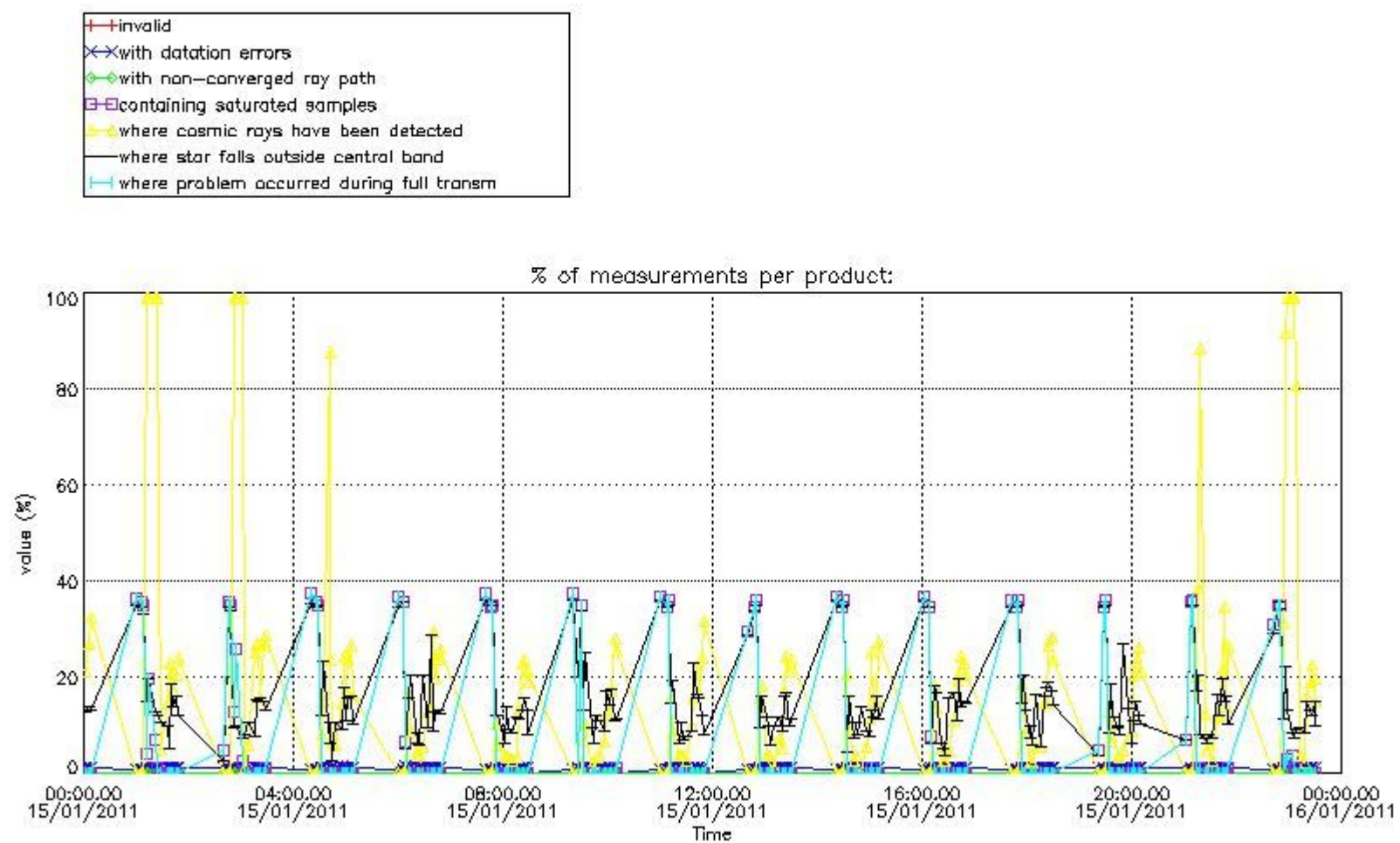


4. Level 1 quality information per product

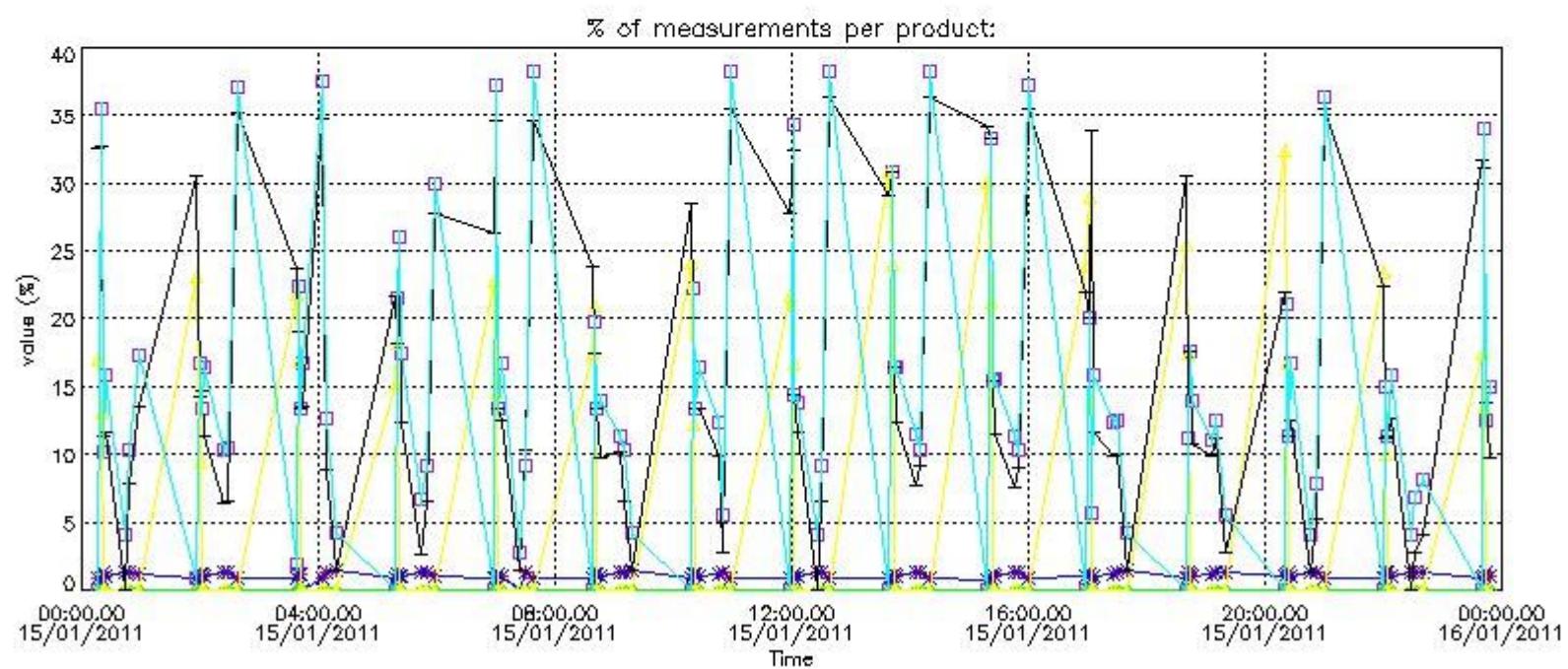
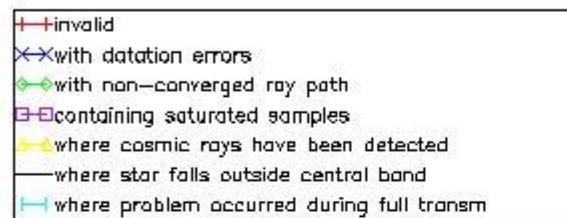
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

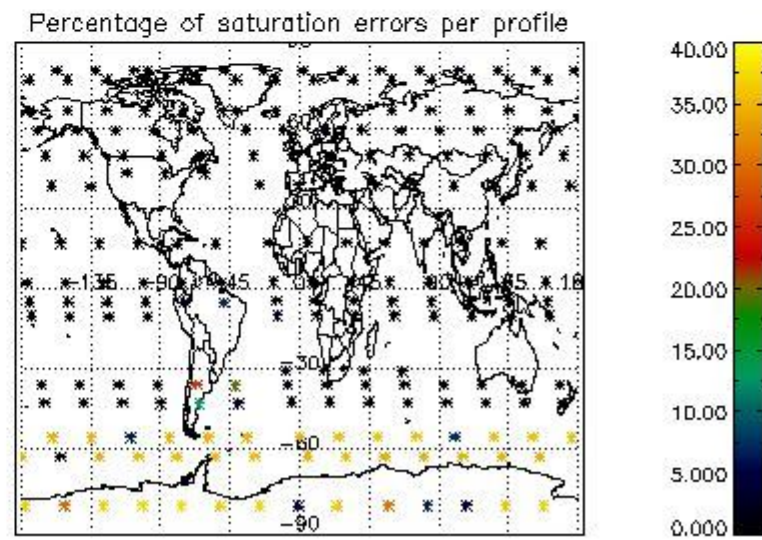
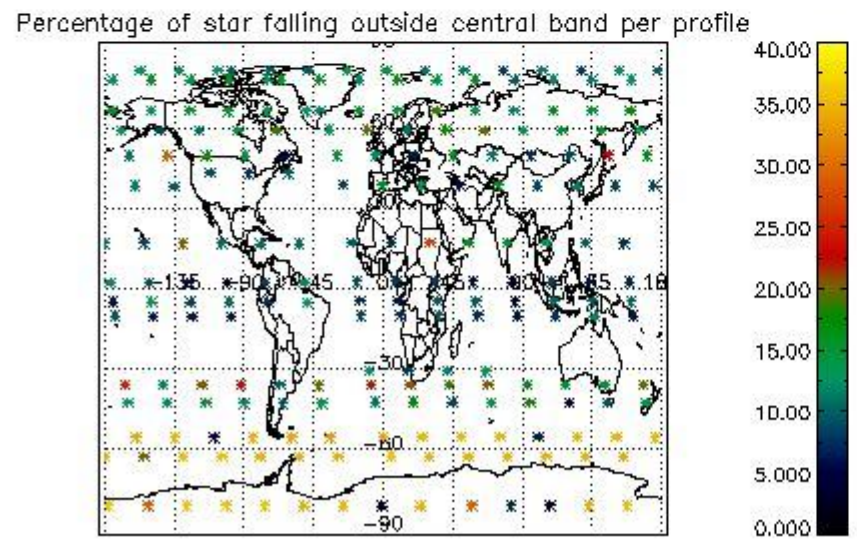
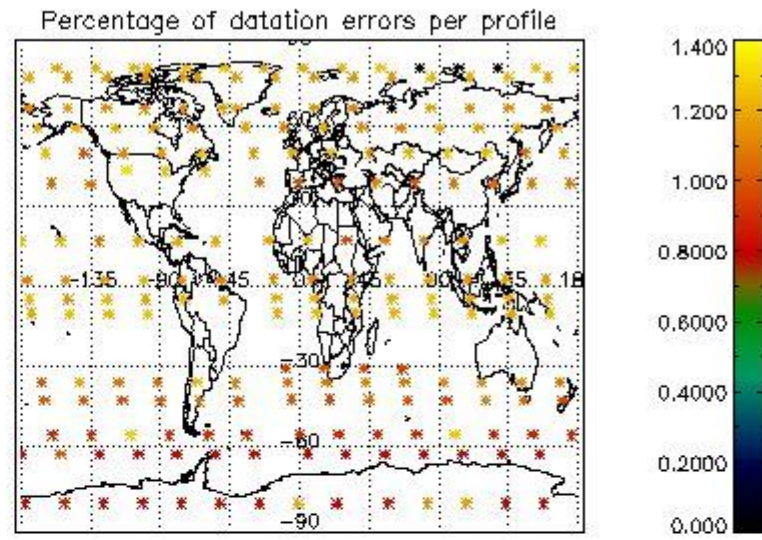
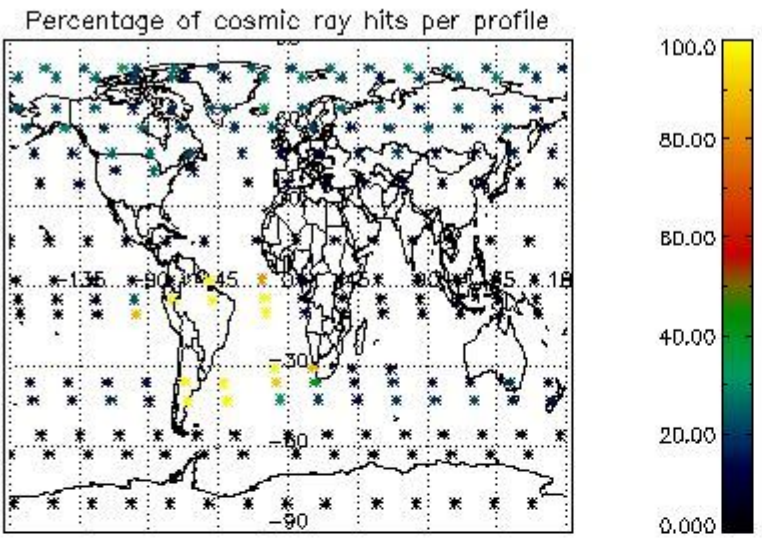


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

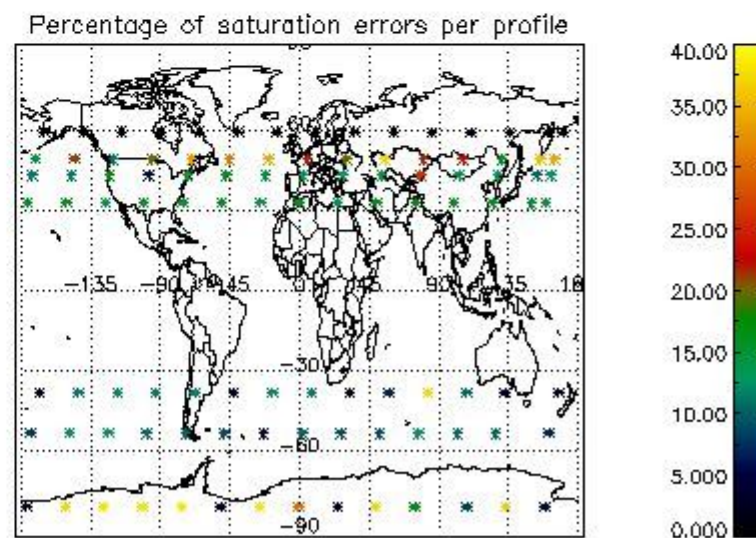
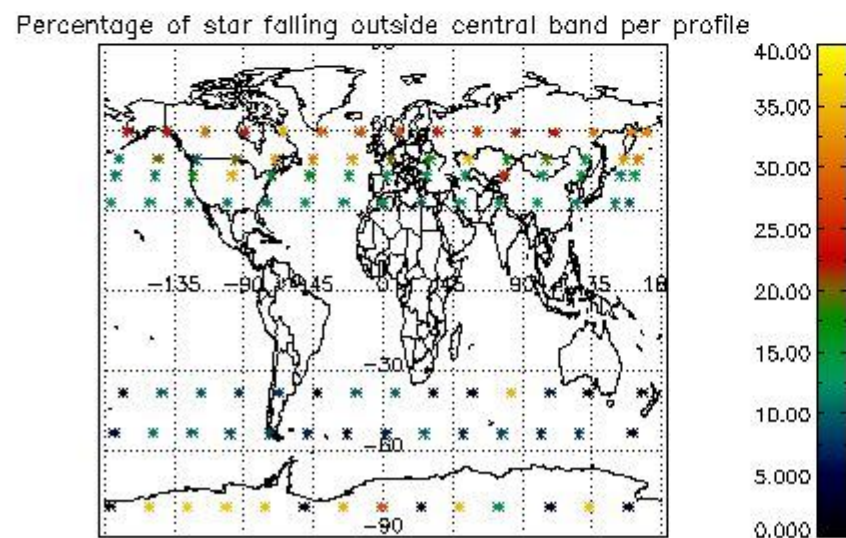
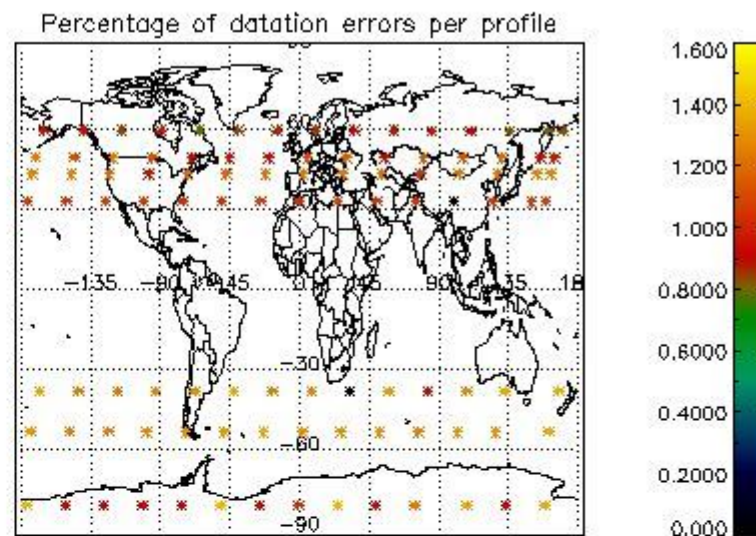
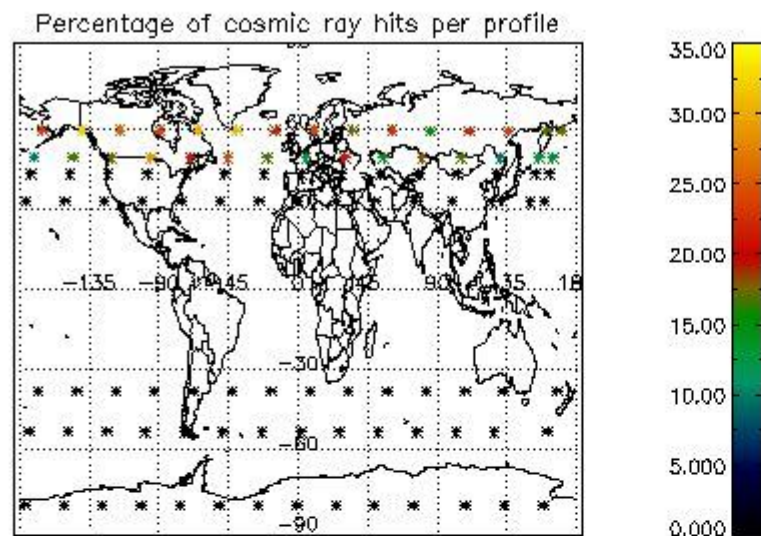


4.2 Plot quality information per product coming from level 1b processing (world map)

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

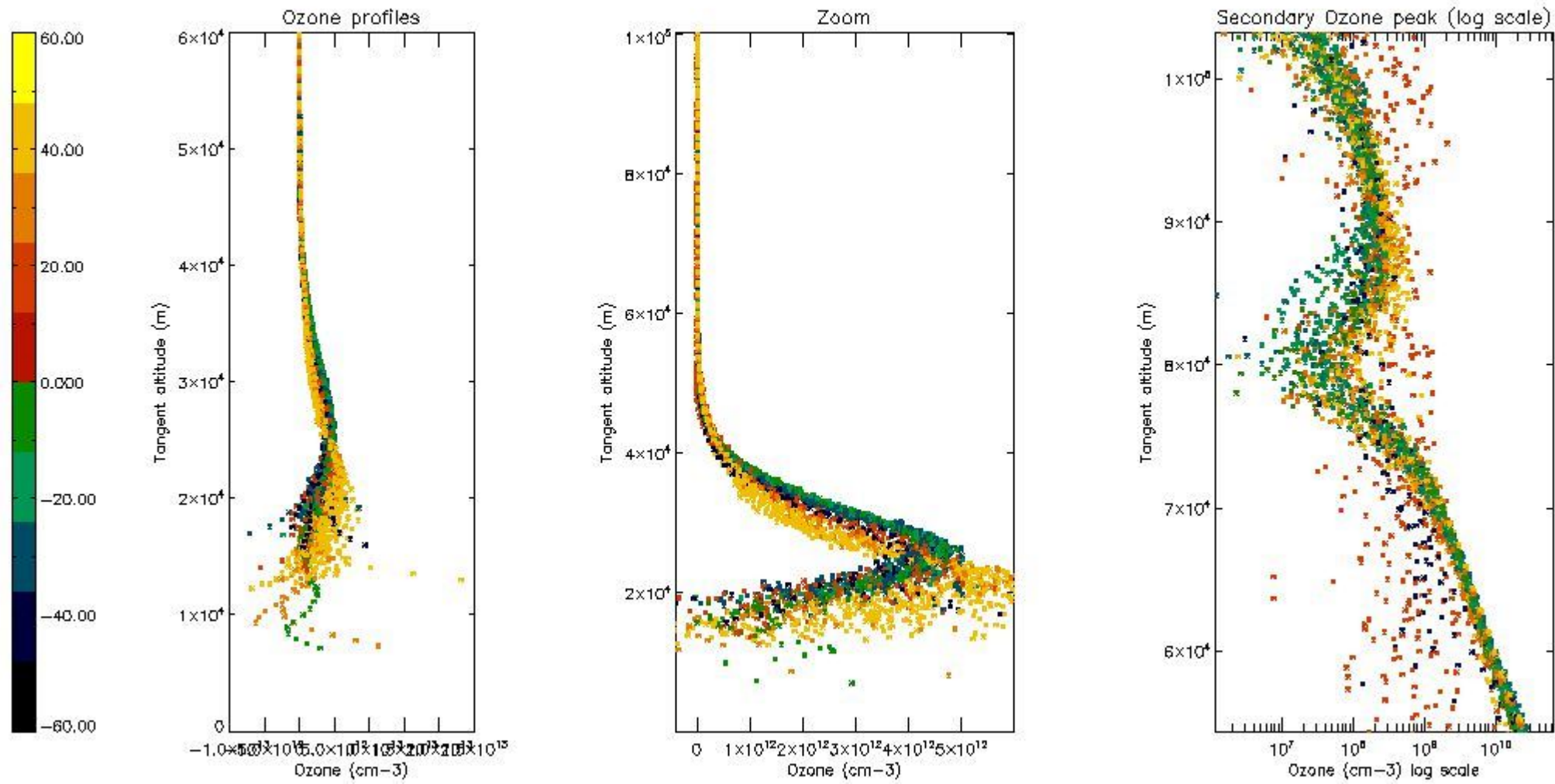
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	35
STD < 20	20

STD < 10	16
STD < 5	11

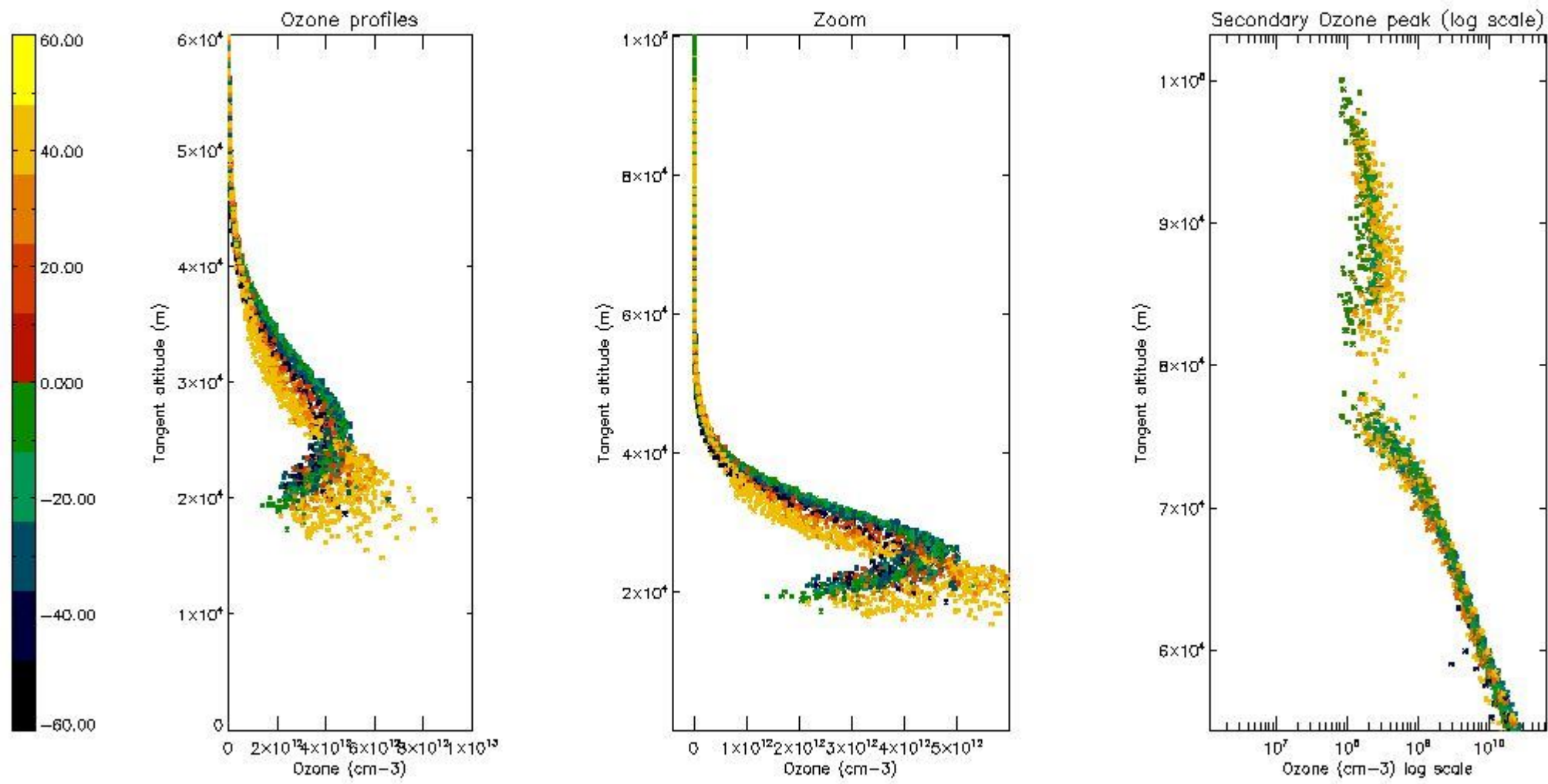
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



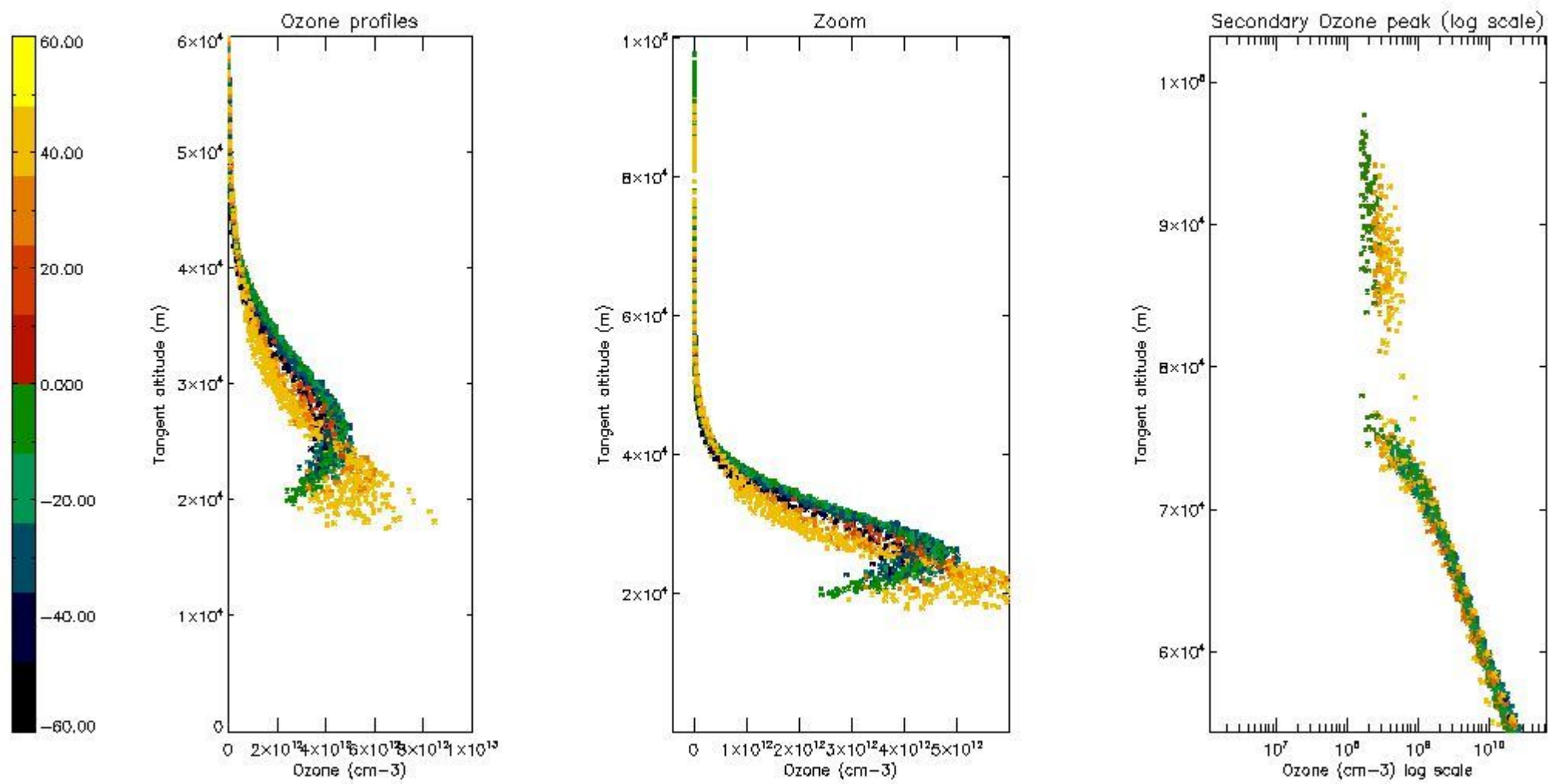
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



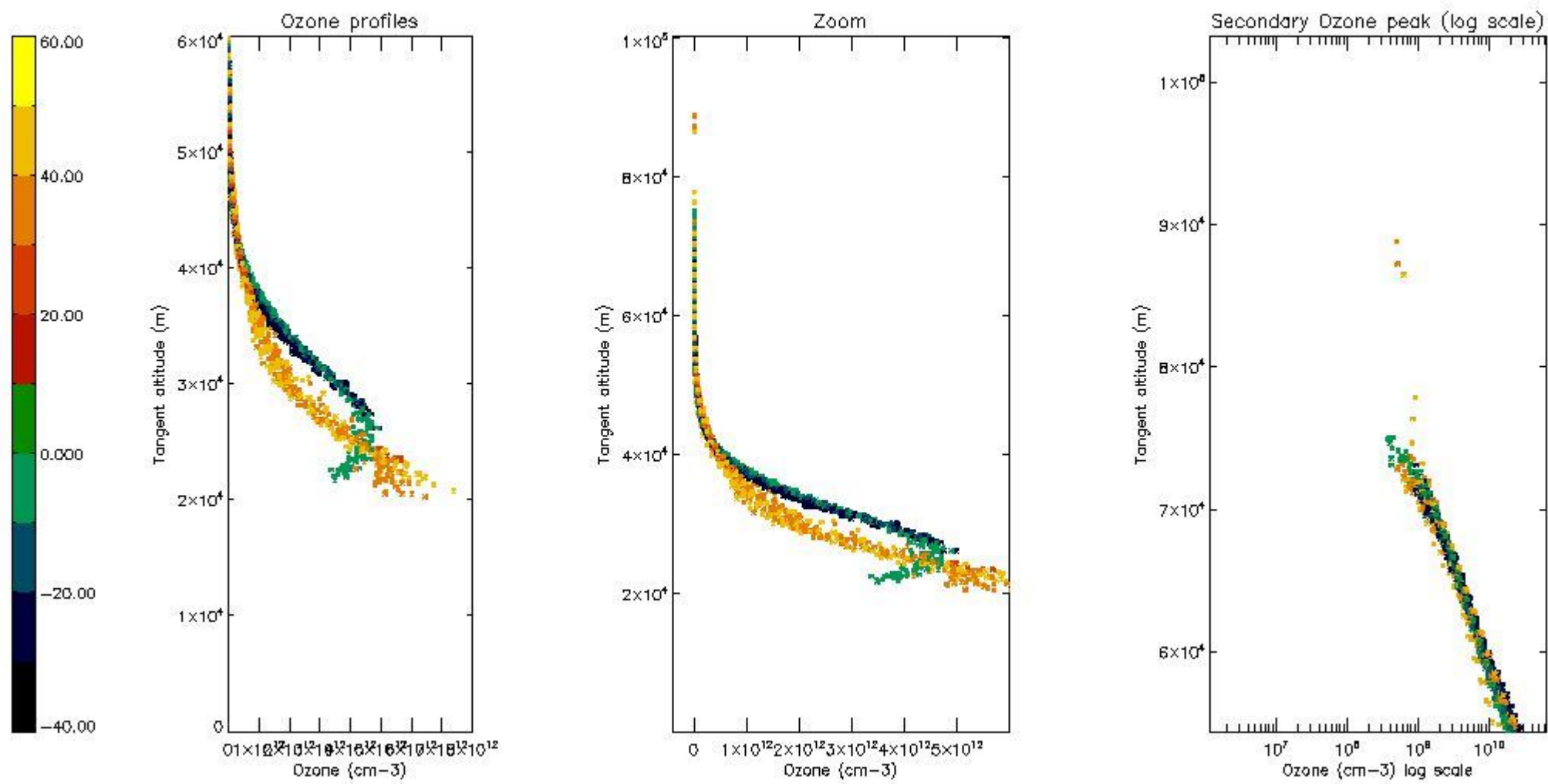
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



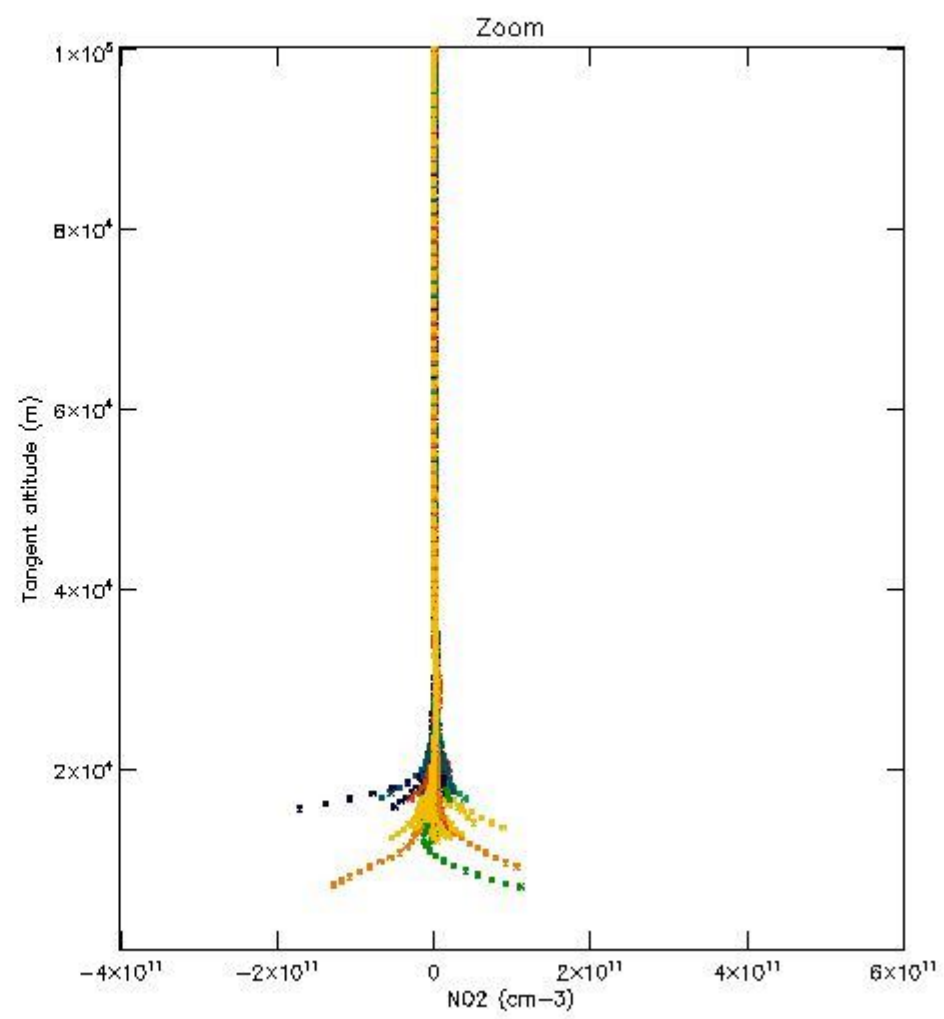
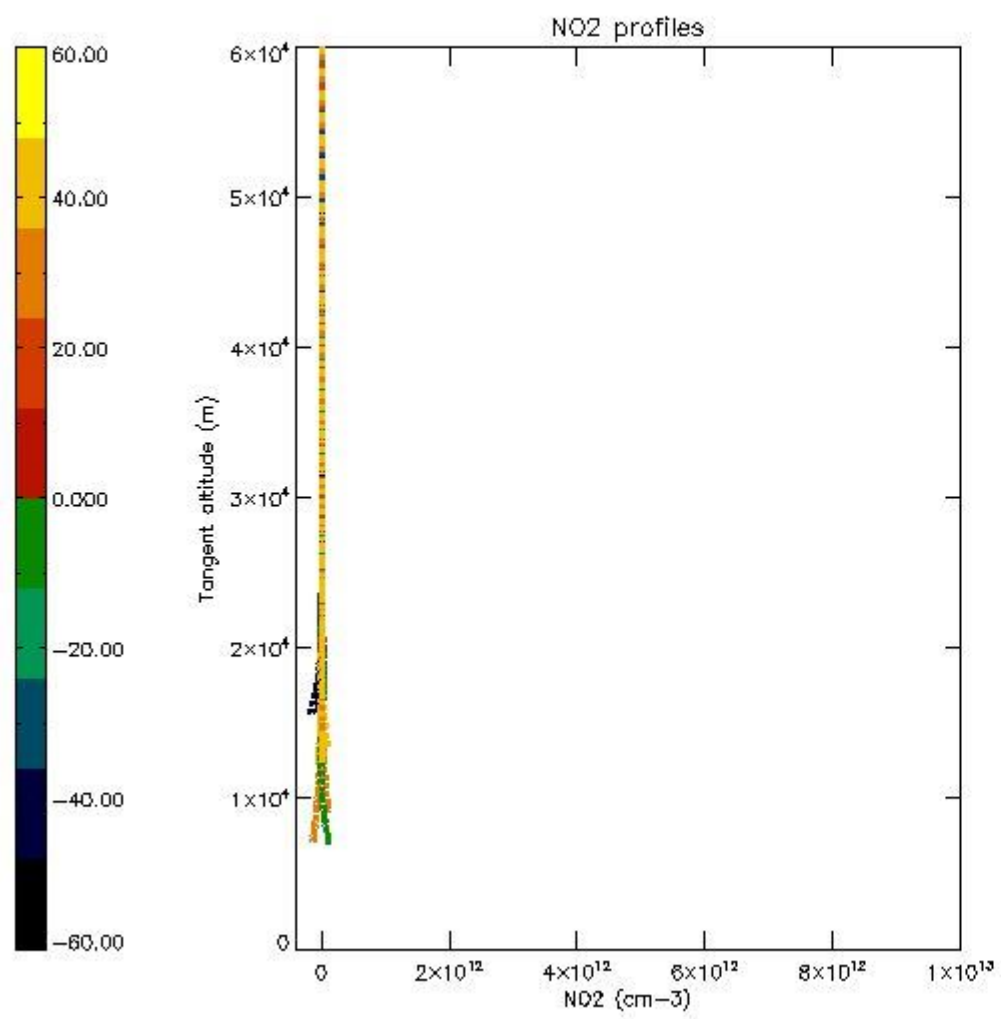
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



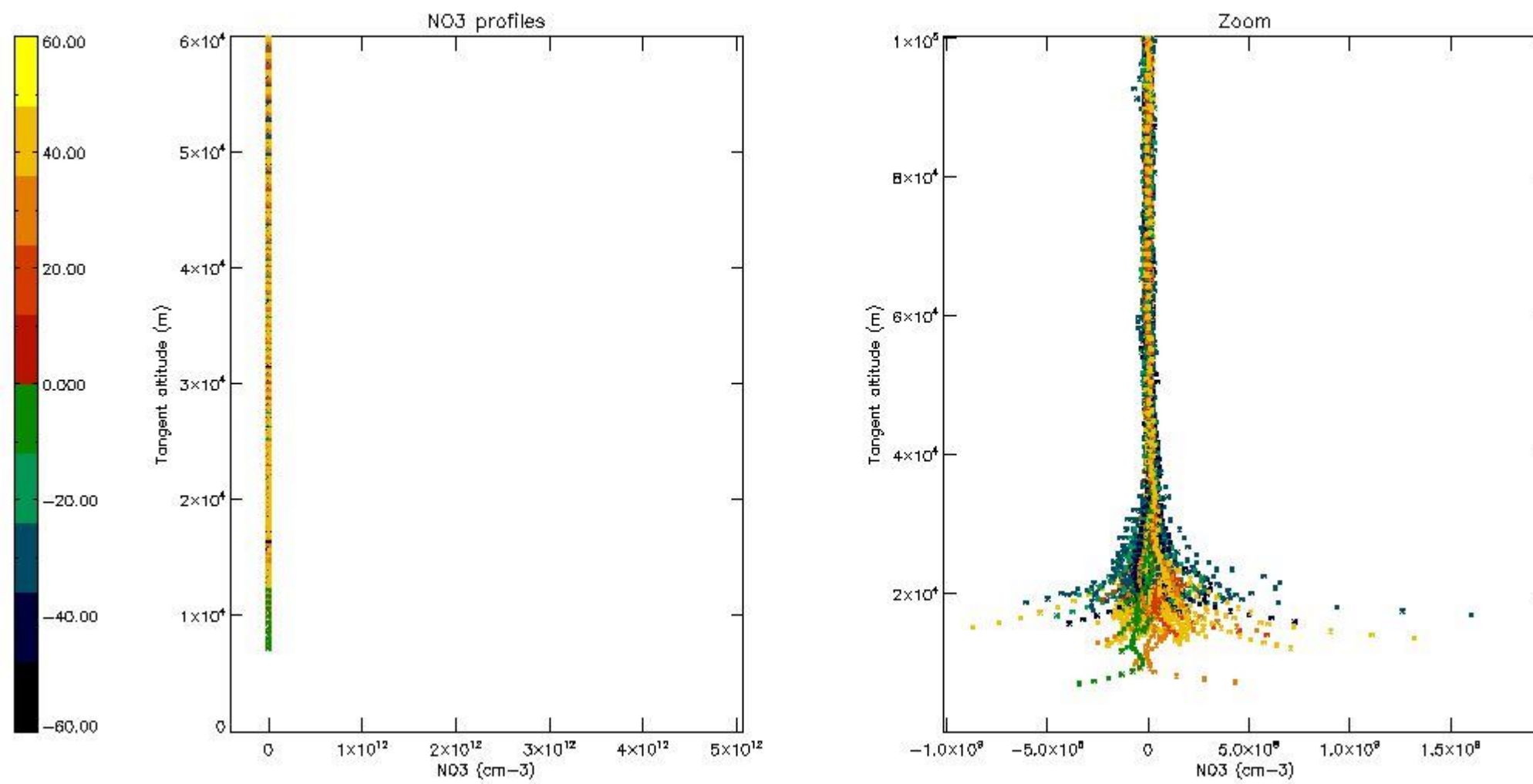
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

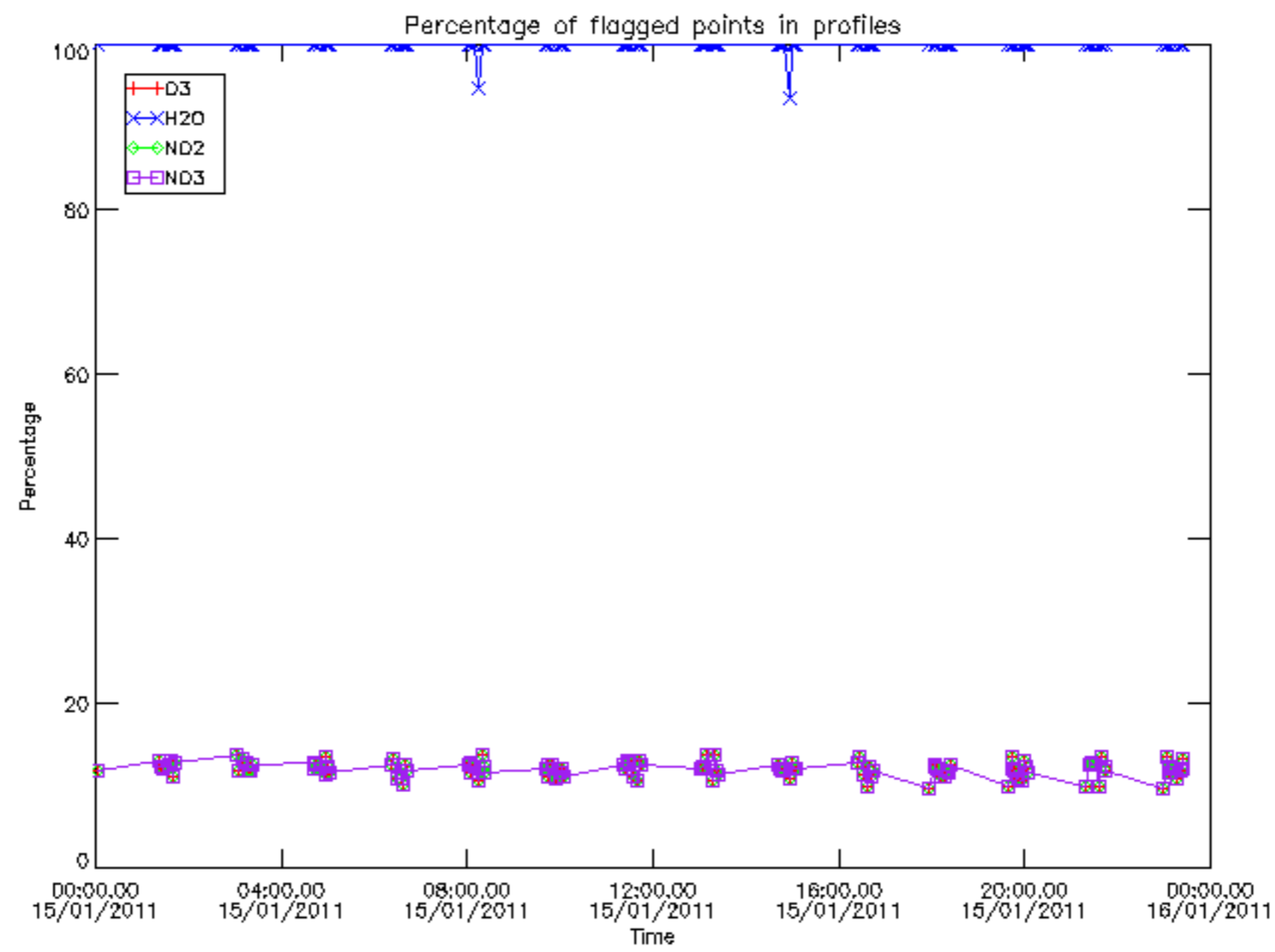
The colorbar represents the latitude.



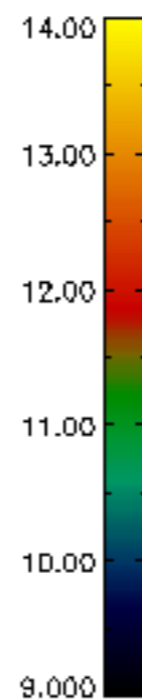
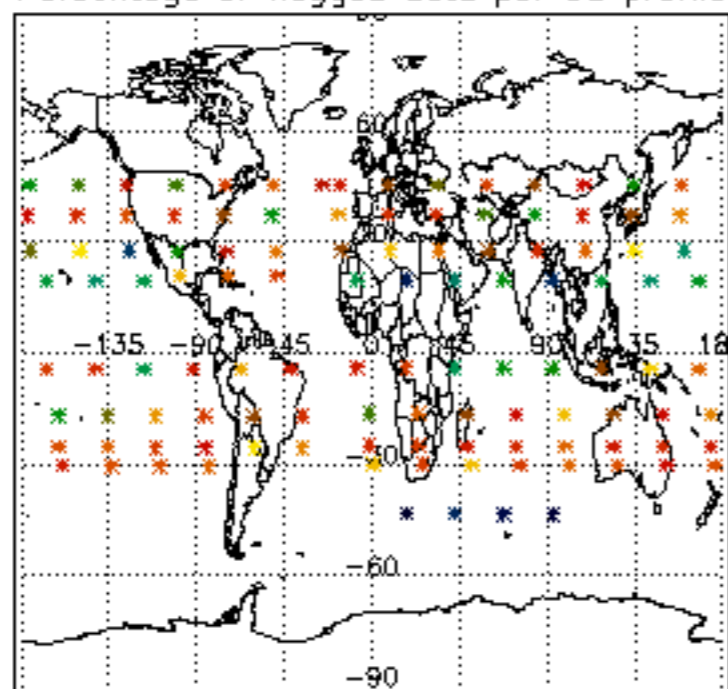
6. Auxiliary Data Files used for the production reported in section 2

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.

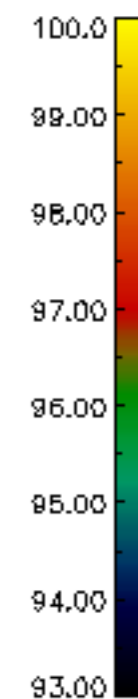
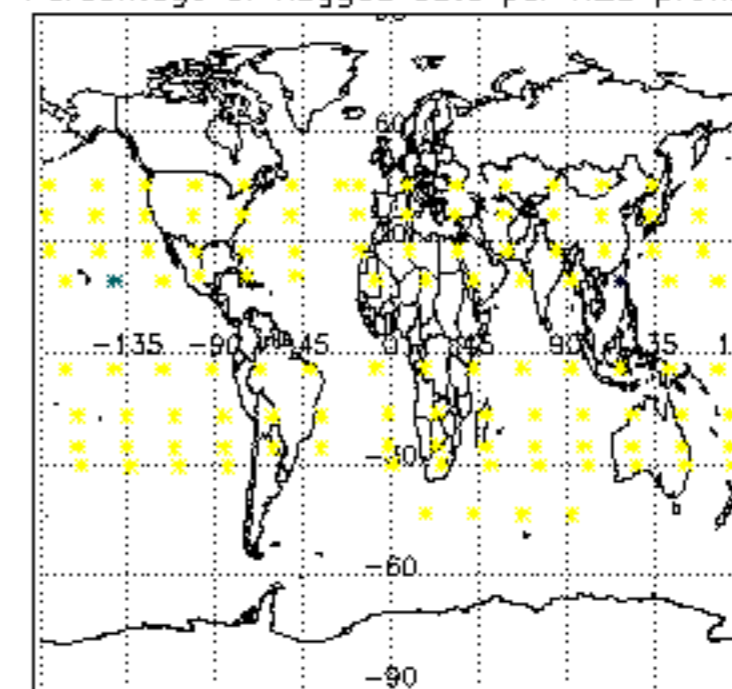
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	15-JAN-2011 00:02:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-JAN-2011 00:02:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-JAN-2011 00:02:01



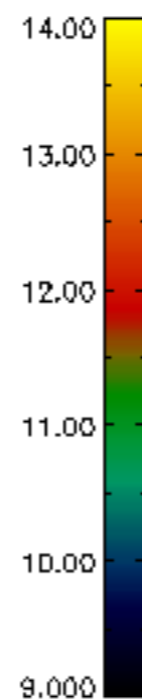
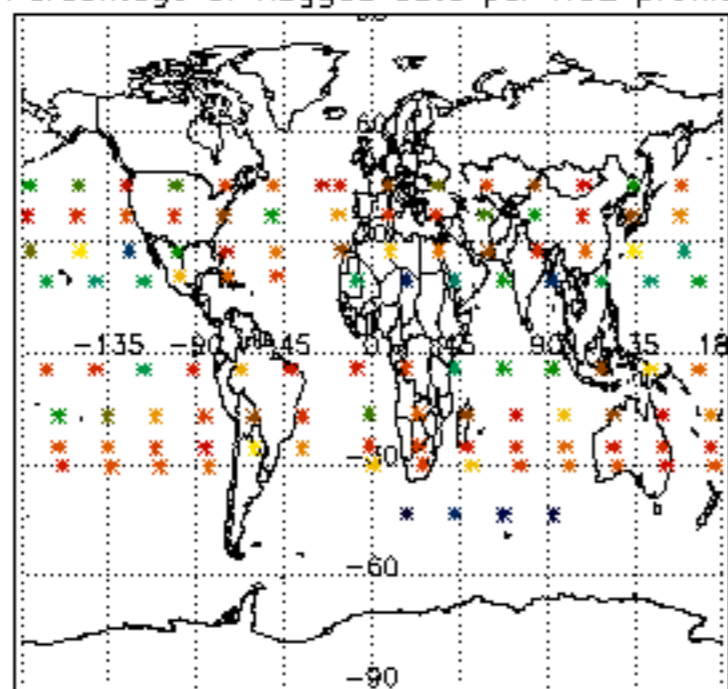
Percentage of flagged data per D3 profile



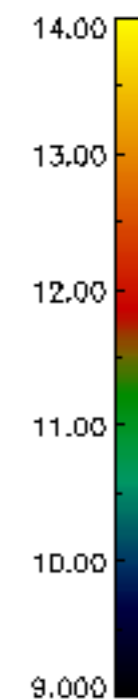
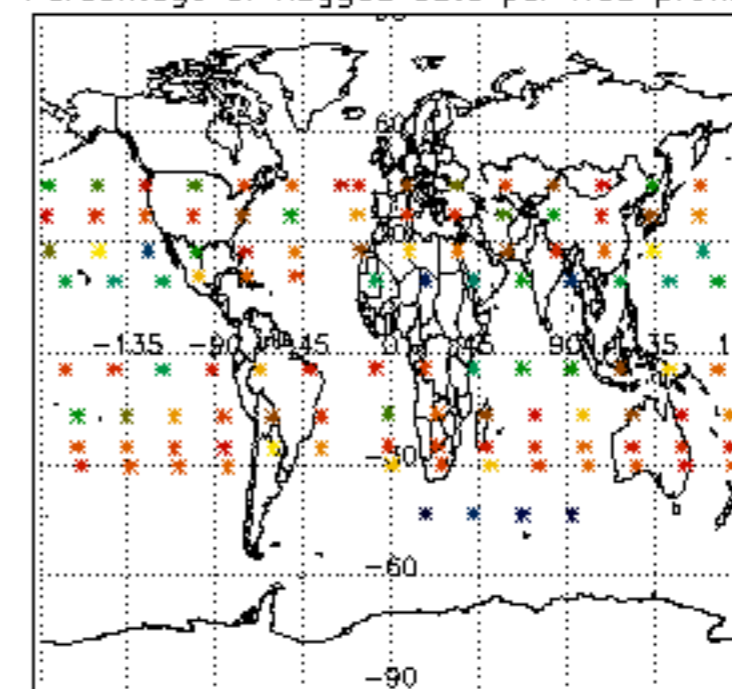
Percentage of flagged data per H2O profile

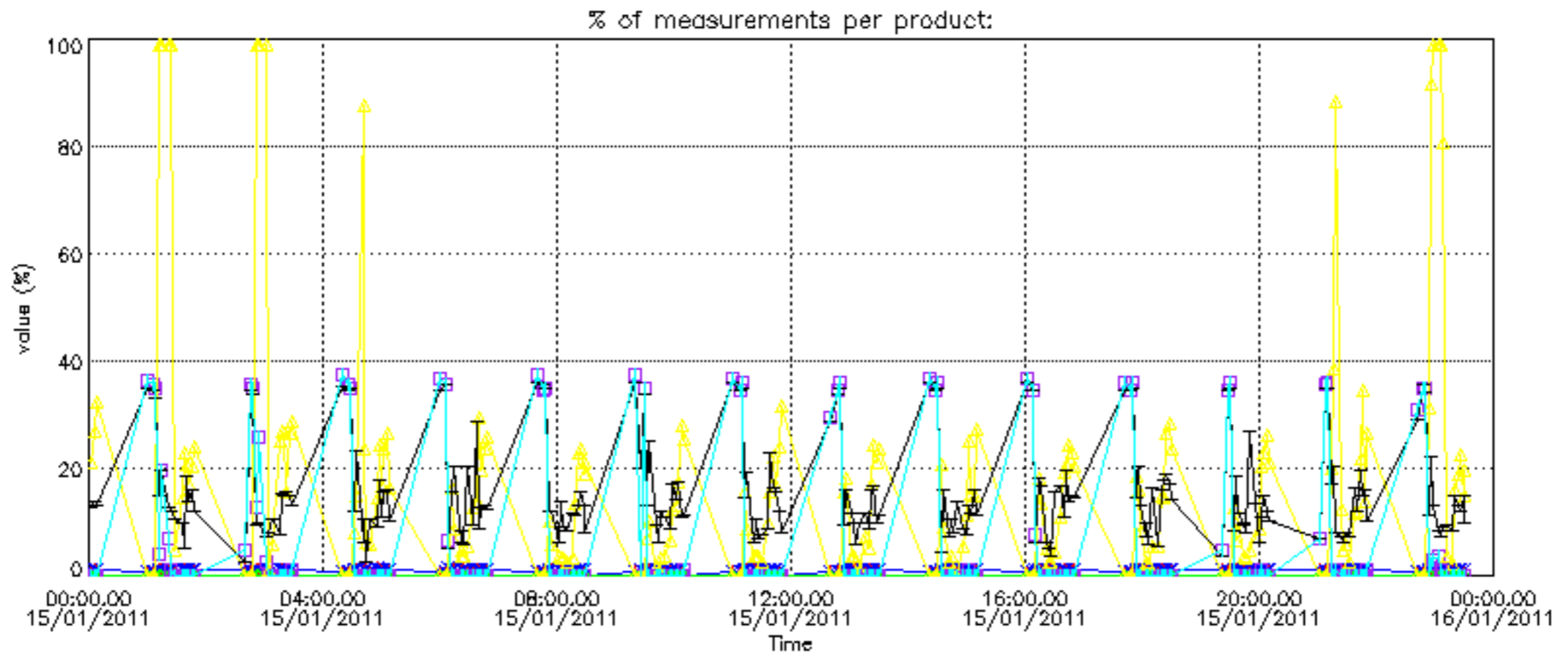


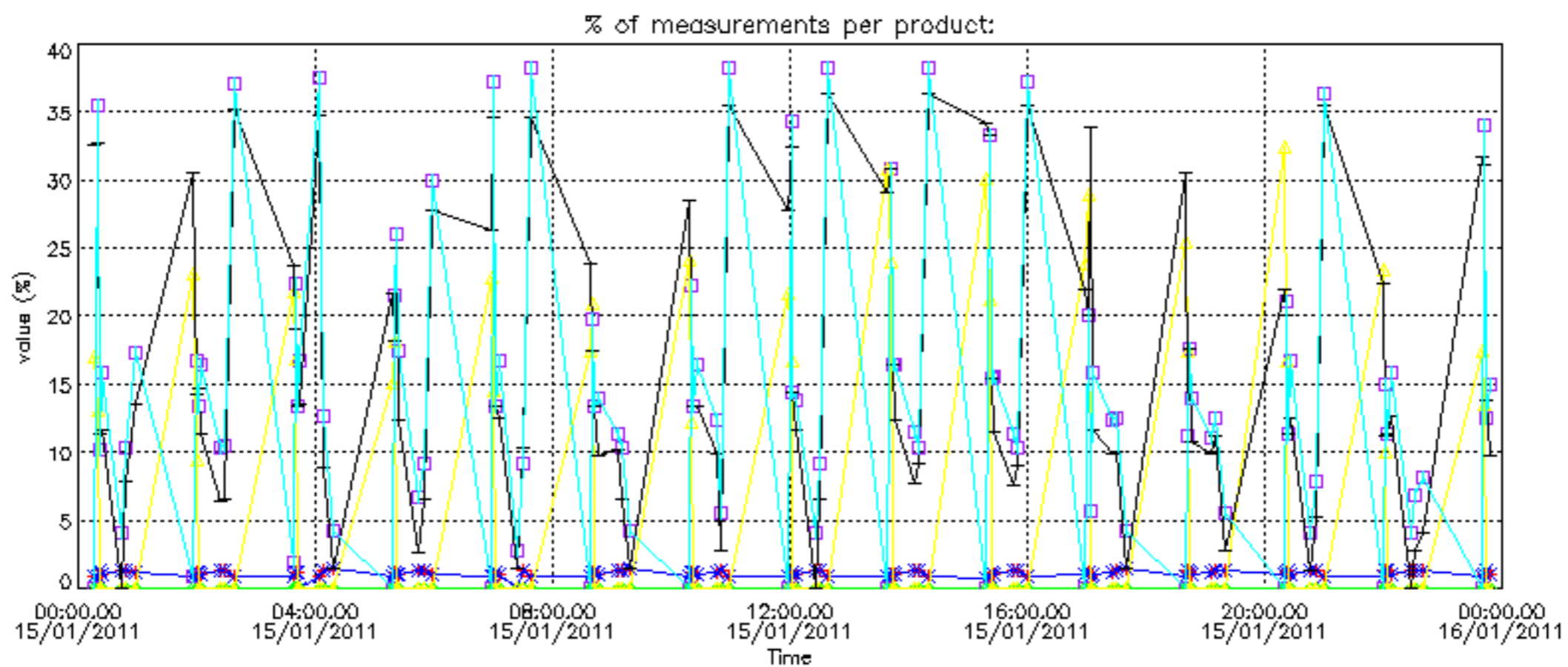
Percentage of flagged data per NO2 profile



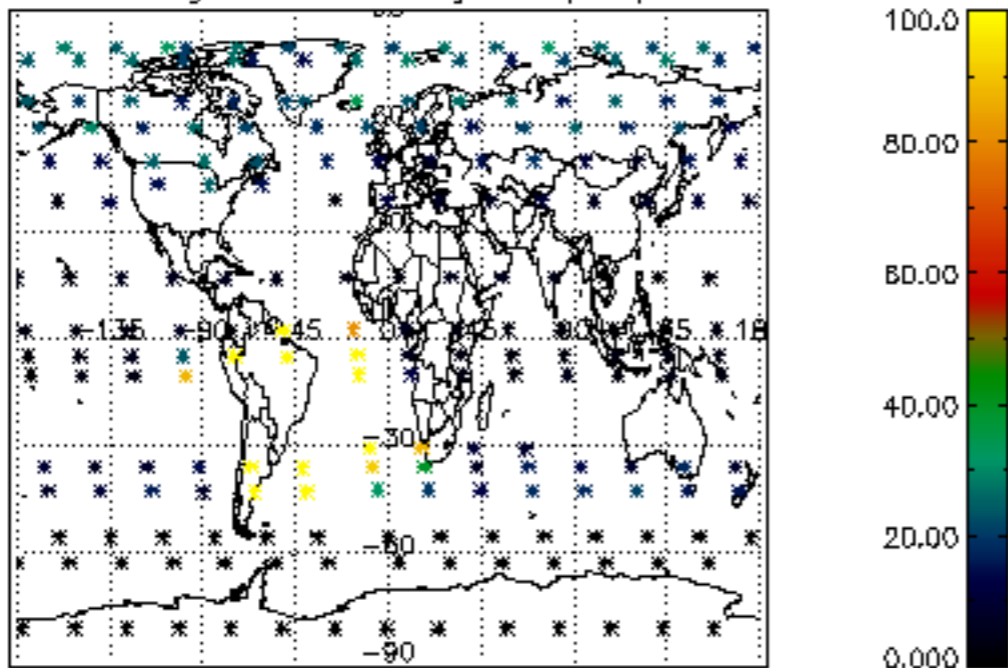
Percentage of flagged data per NO3 profile



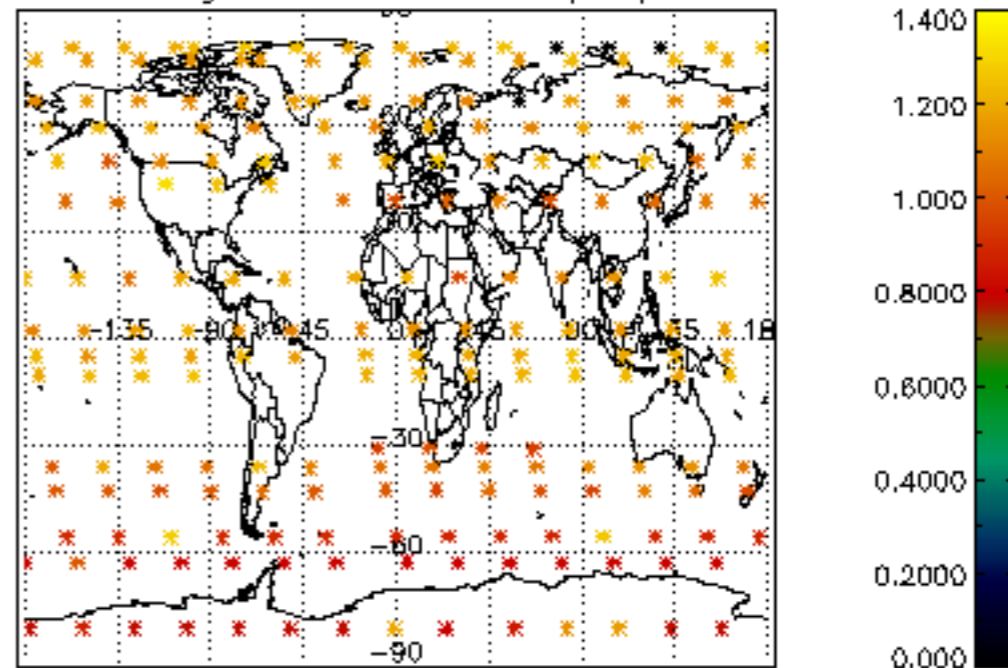




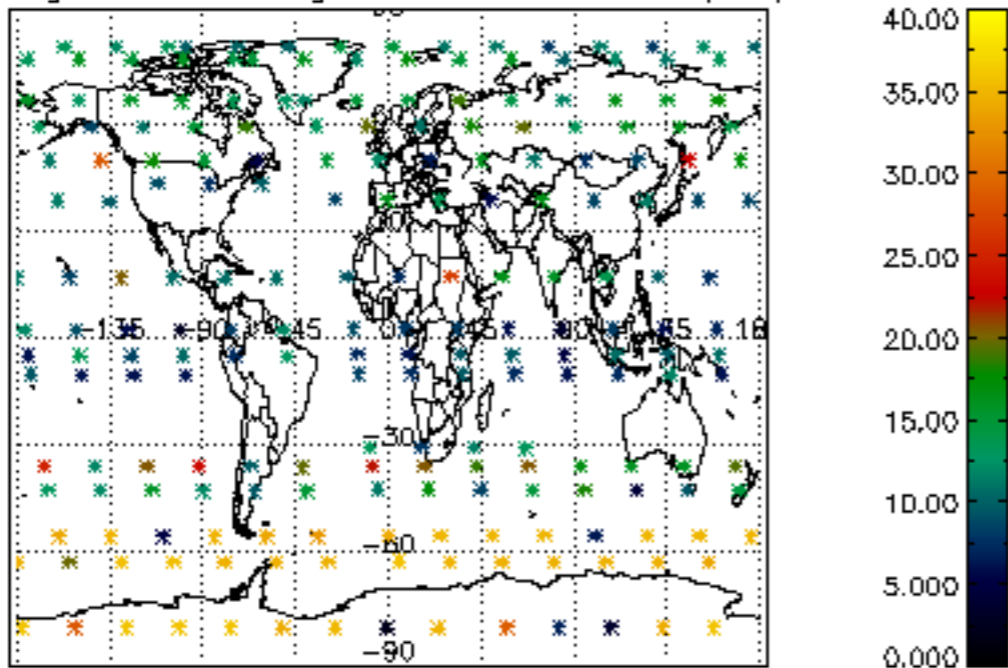
Percentage of cosmic ray hits per profile



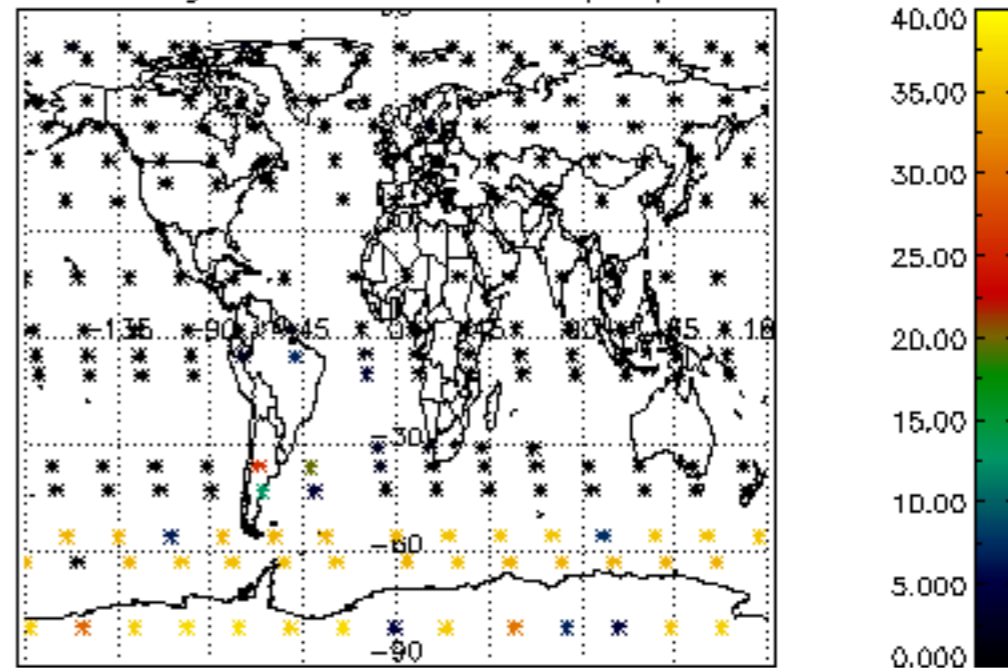
Percentage of datation errors per profile



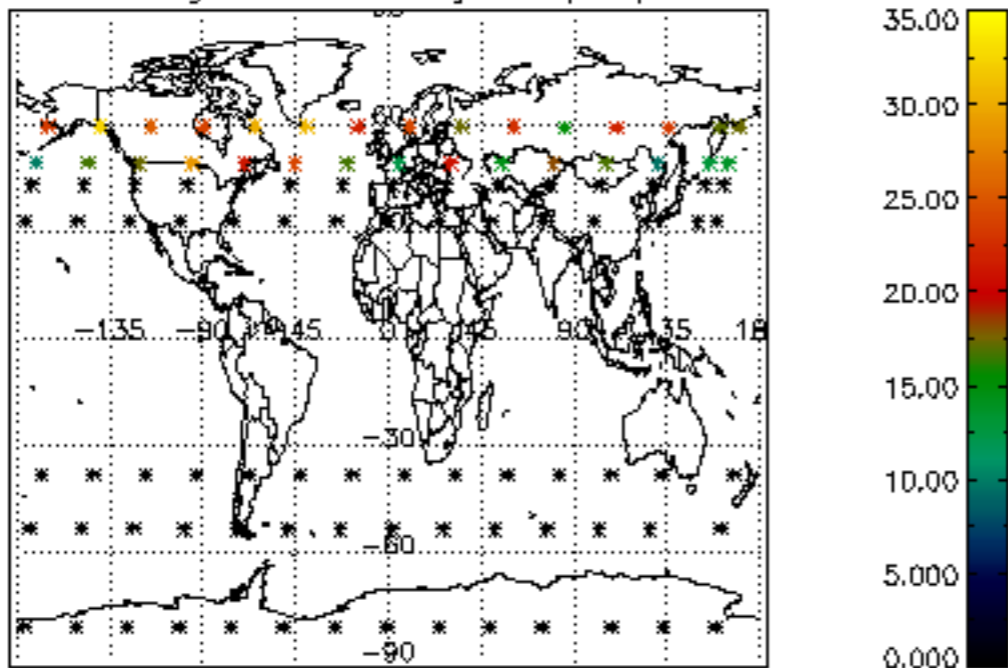
Percentage of star falling outside central band per profile



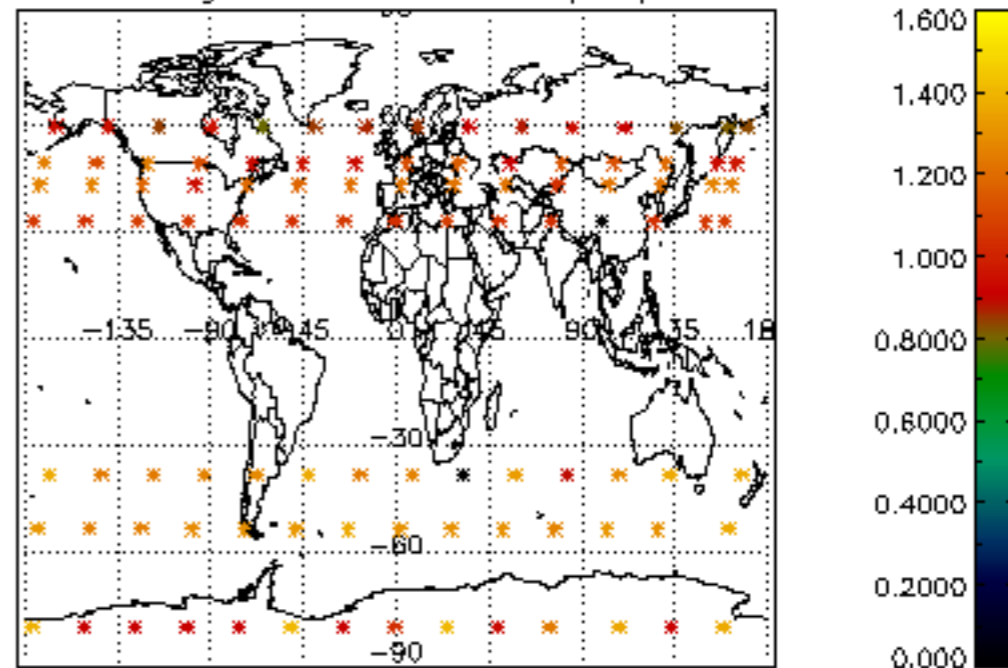
Percentage of saturation errors per profile



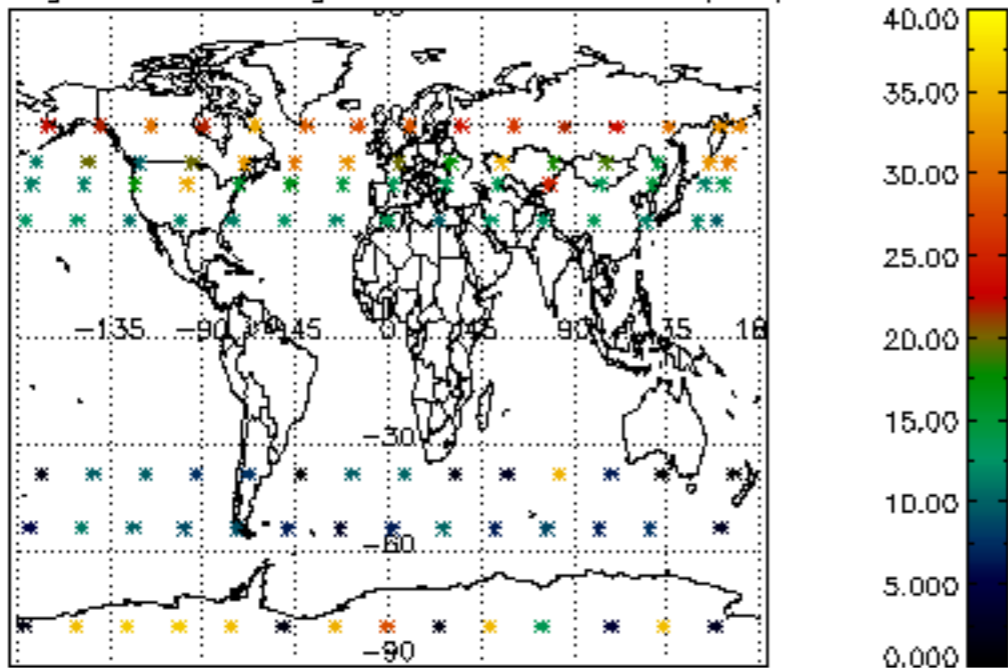
Percentage of cosmic ray hits per profile



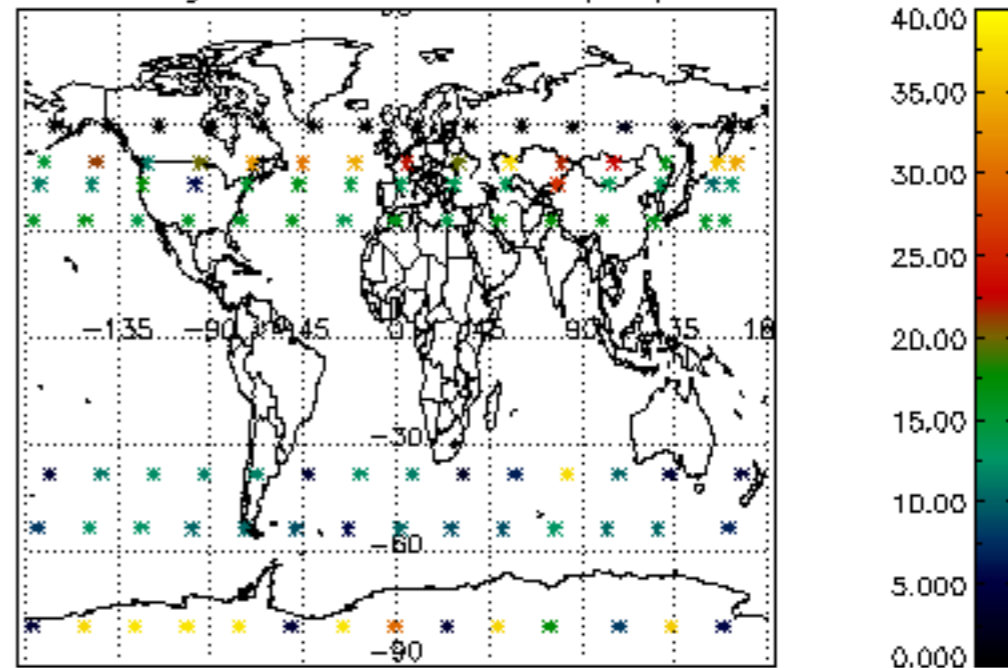
Percentage of datation errors per profile

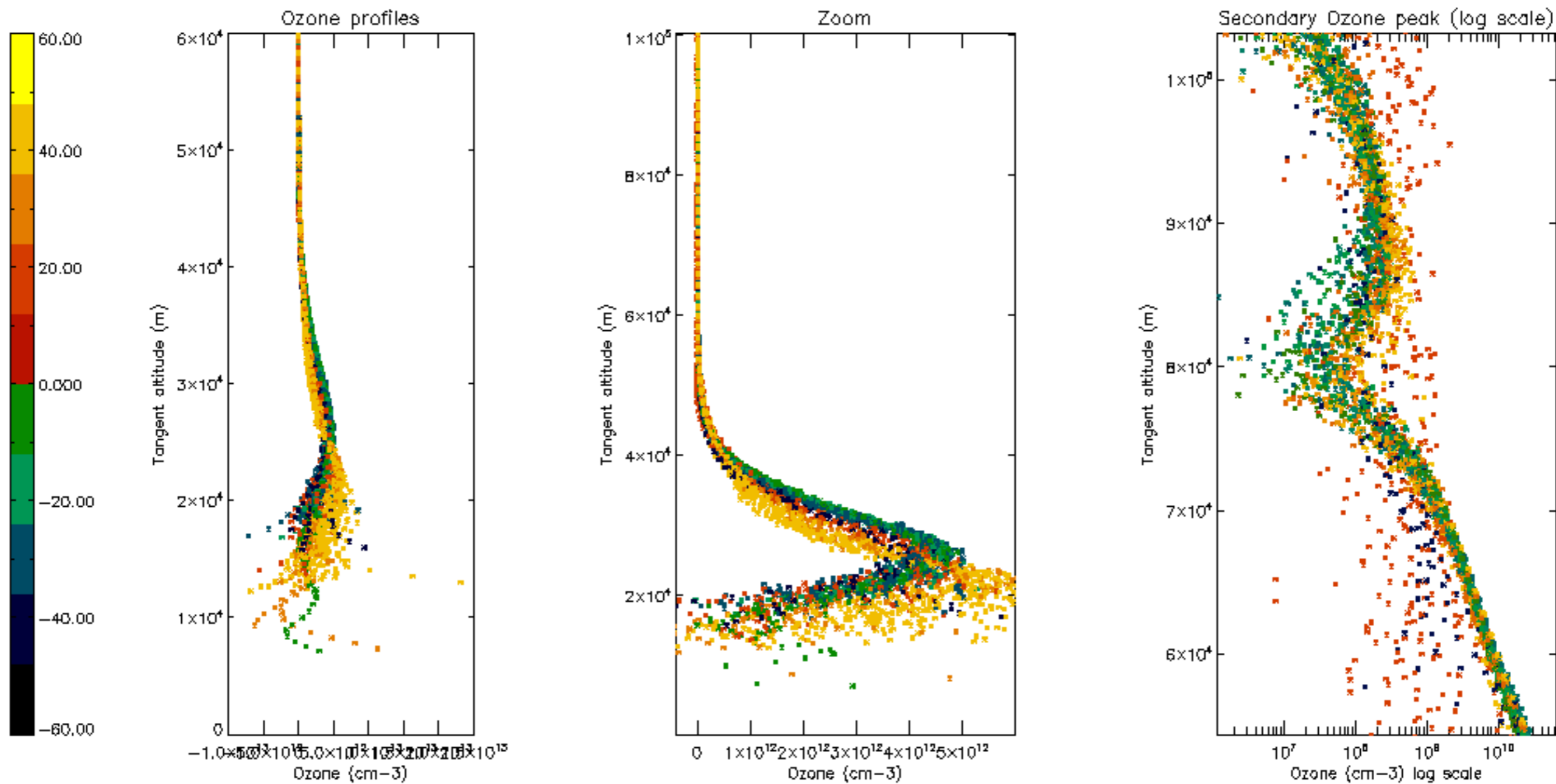


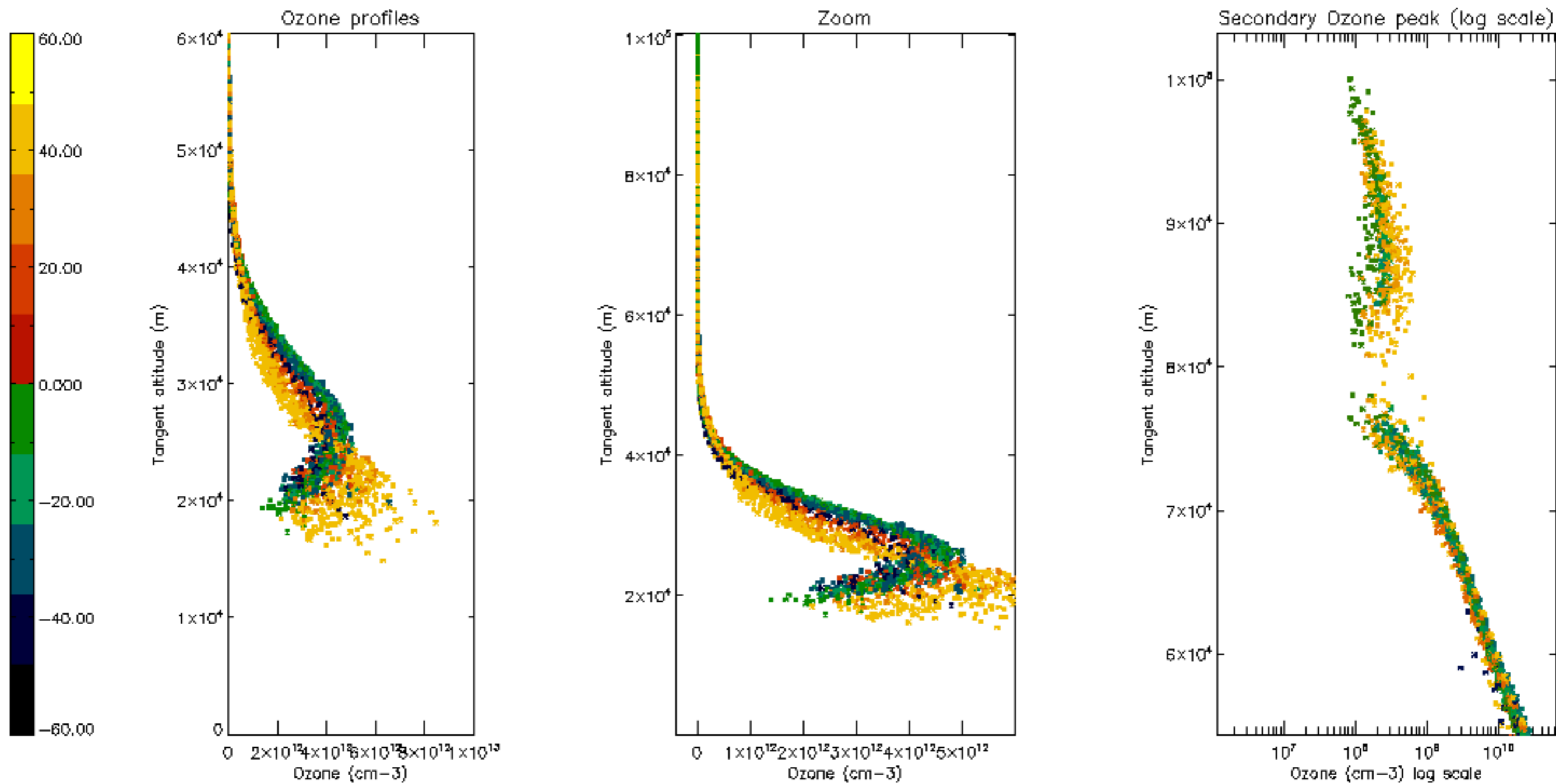
Percentage of star falling outside central band per profile

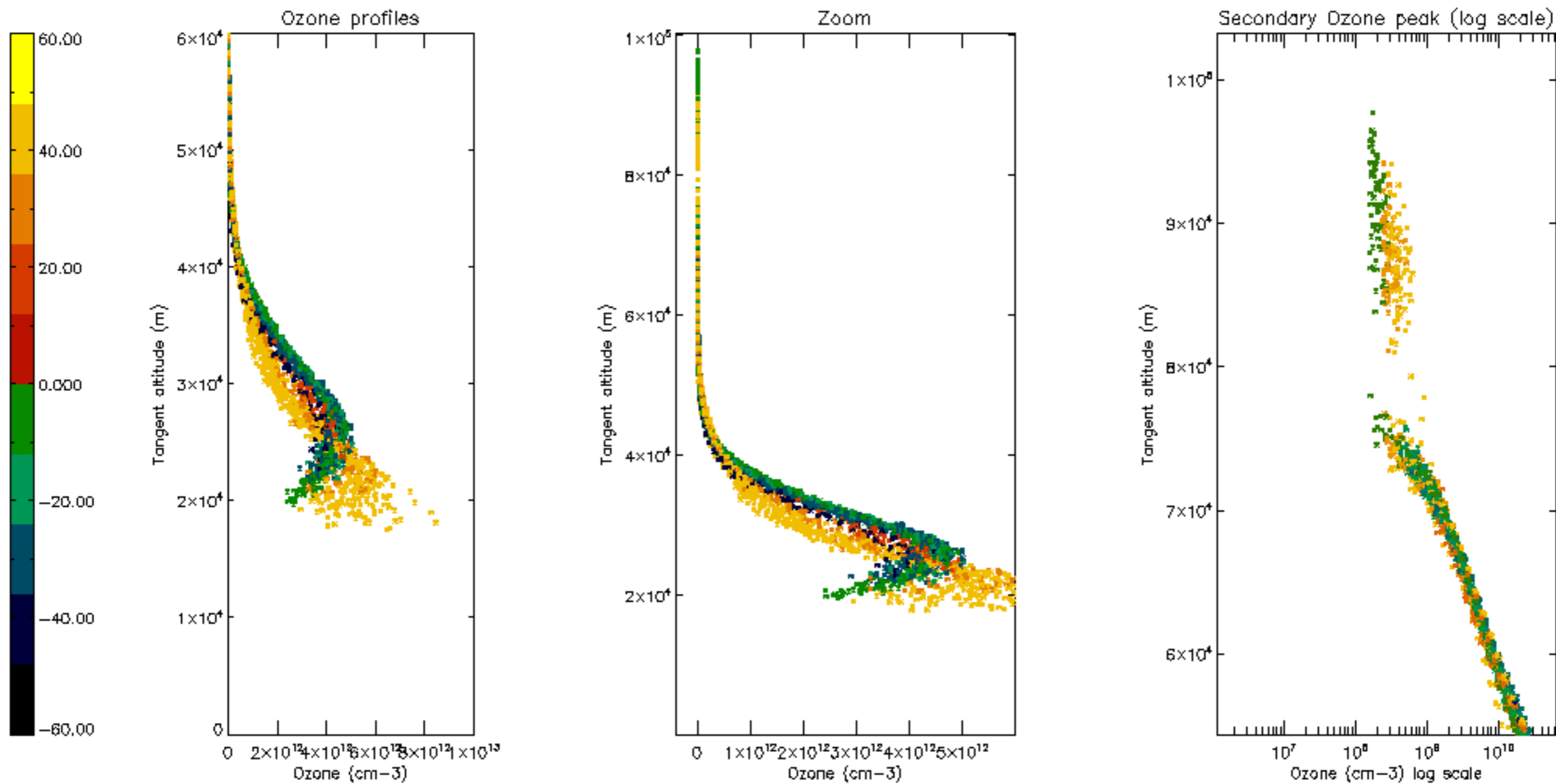


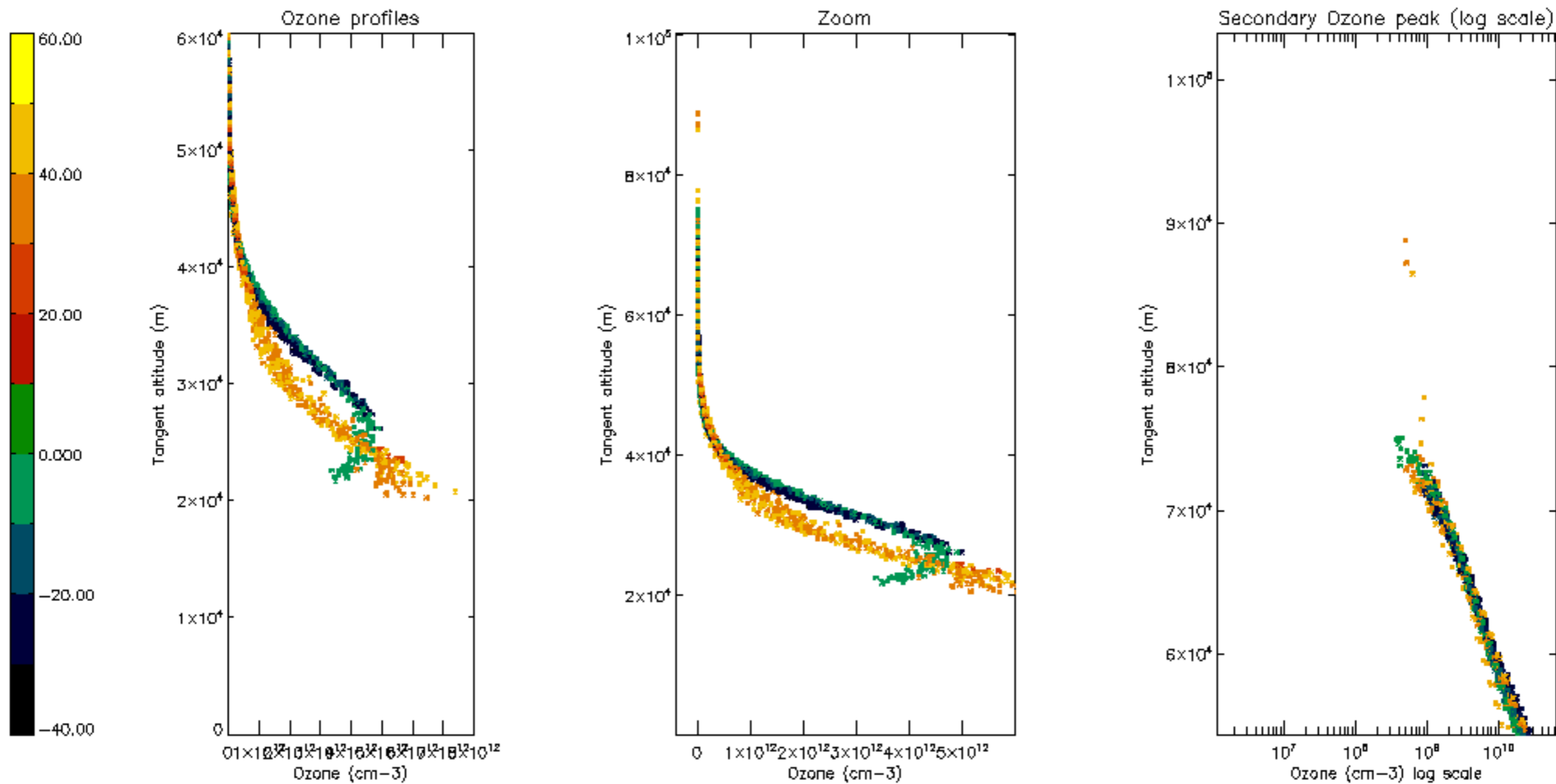
Percentage of saturation errors per profile

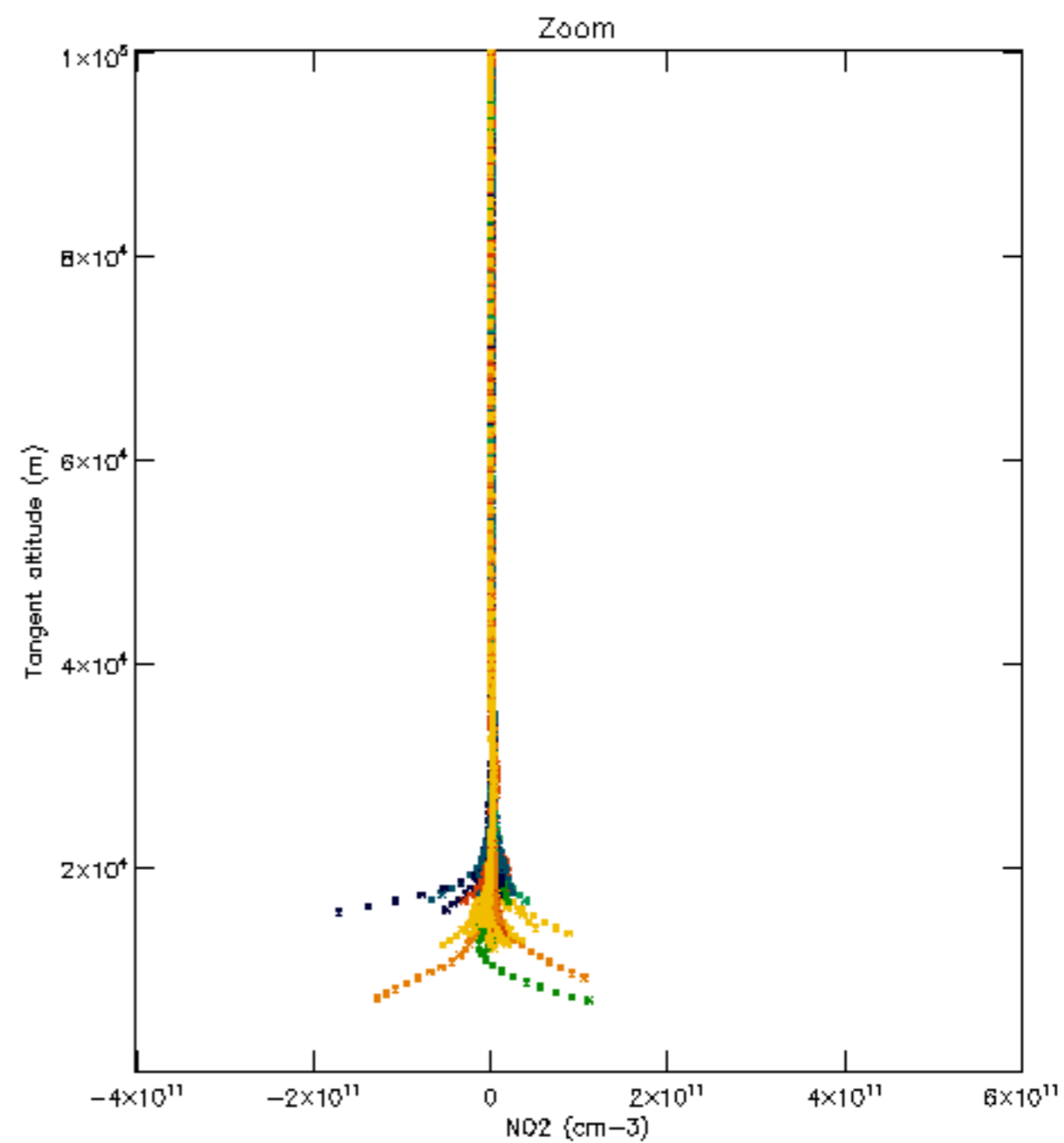
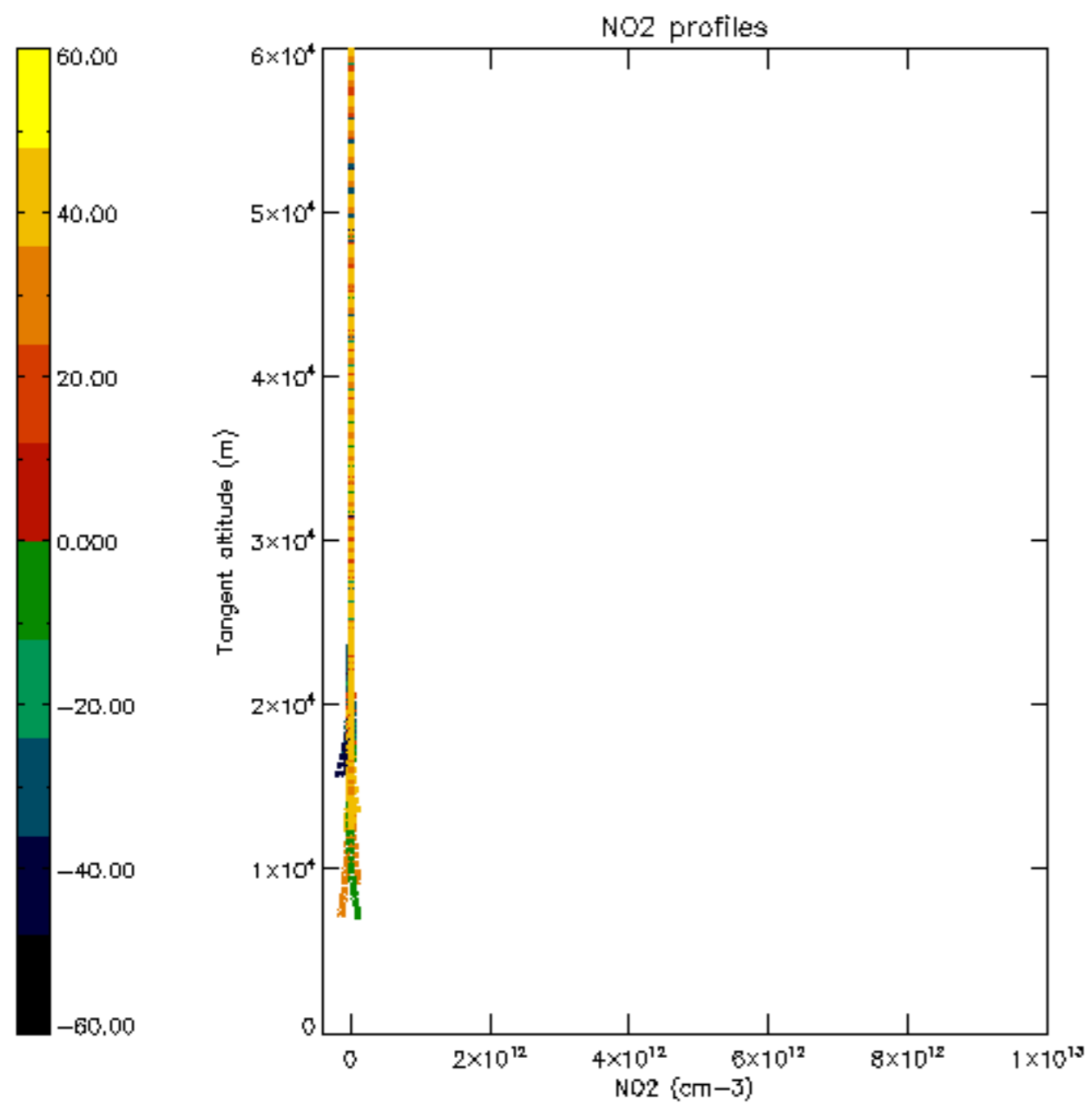


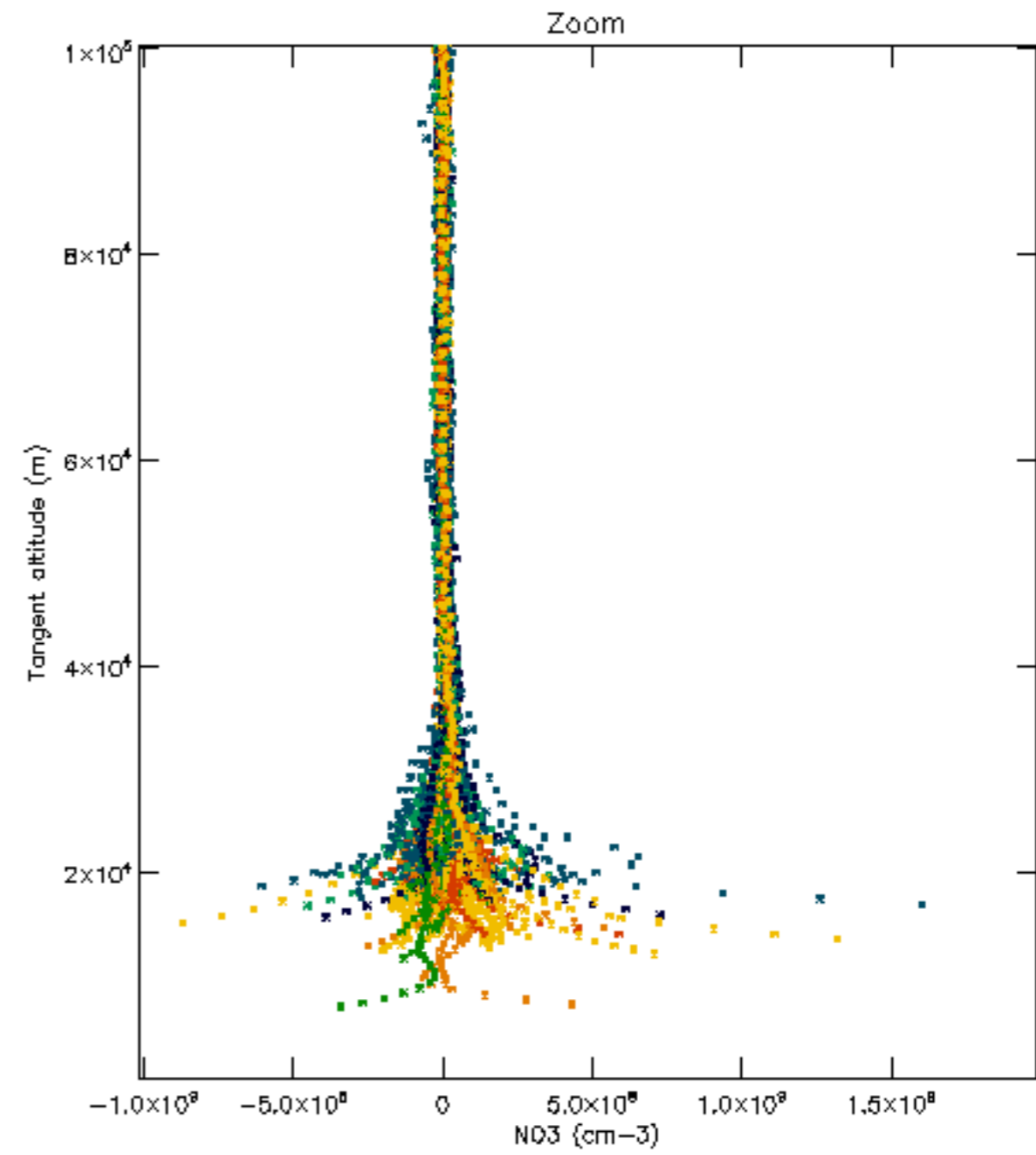
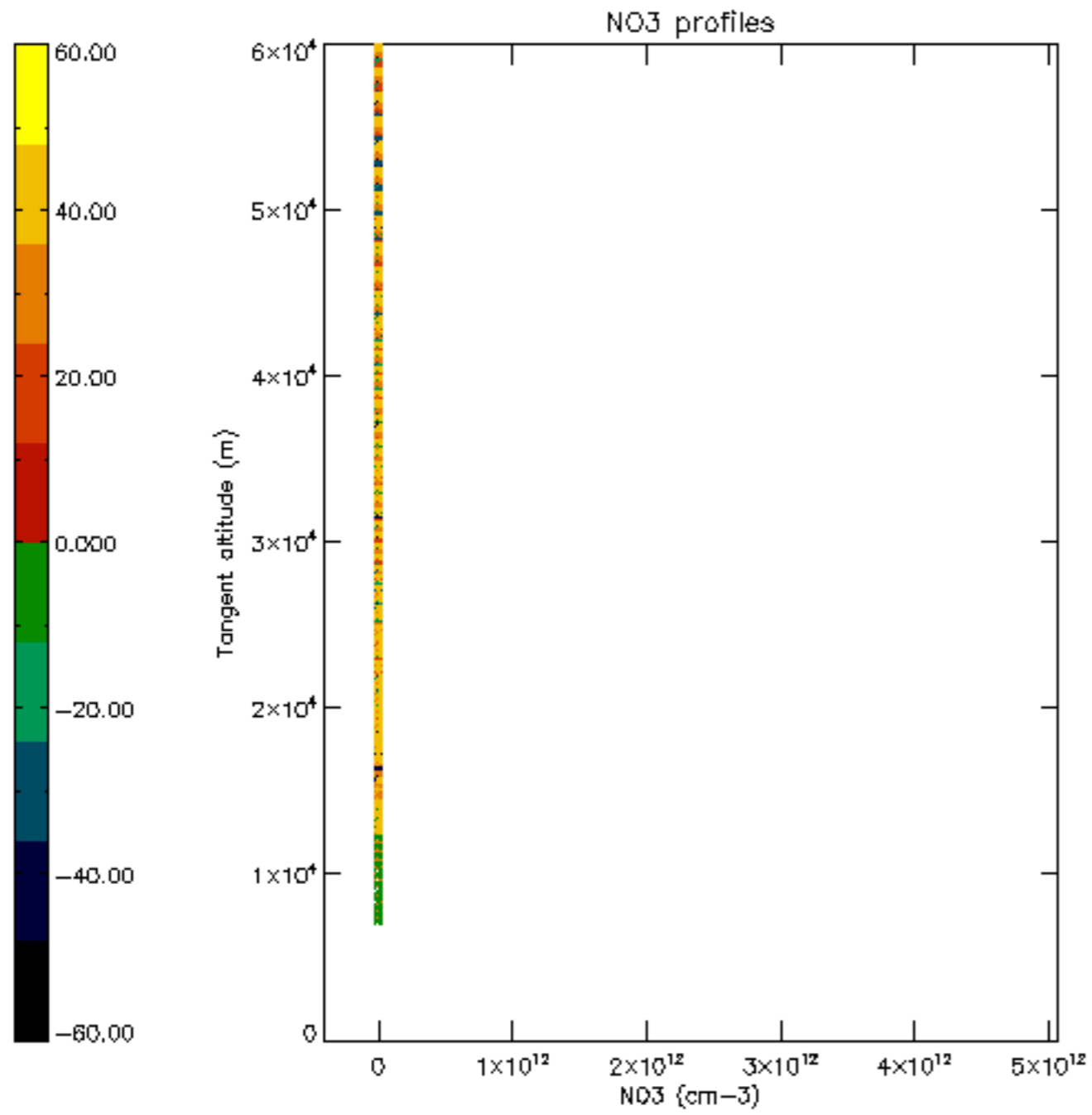


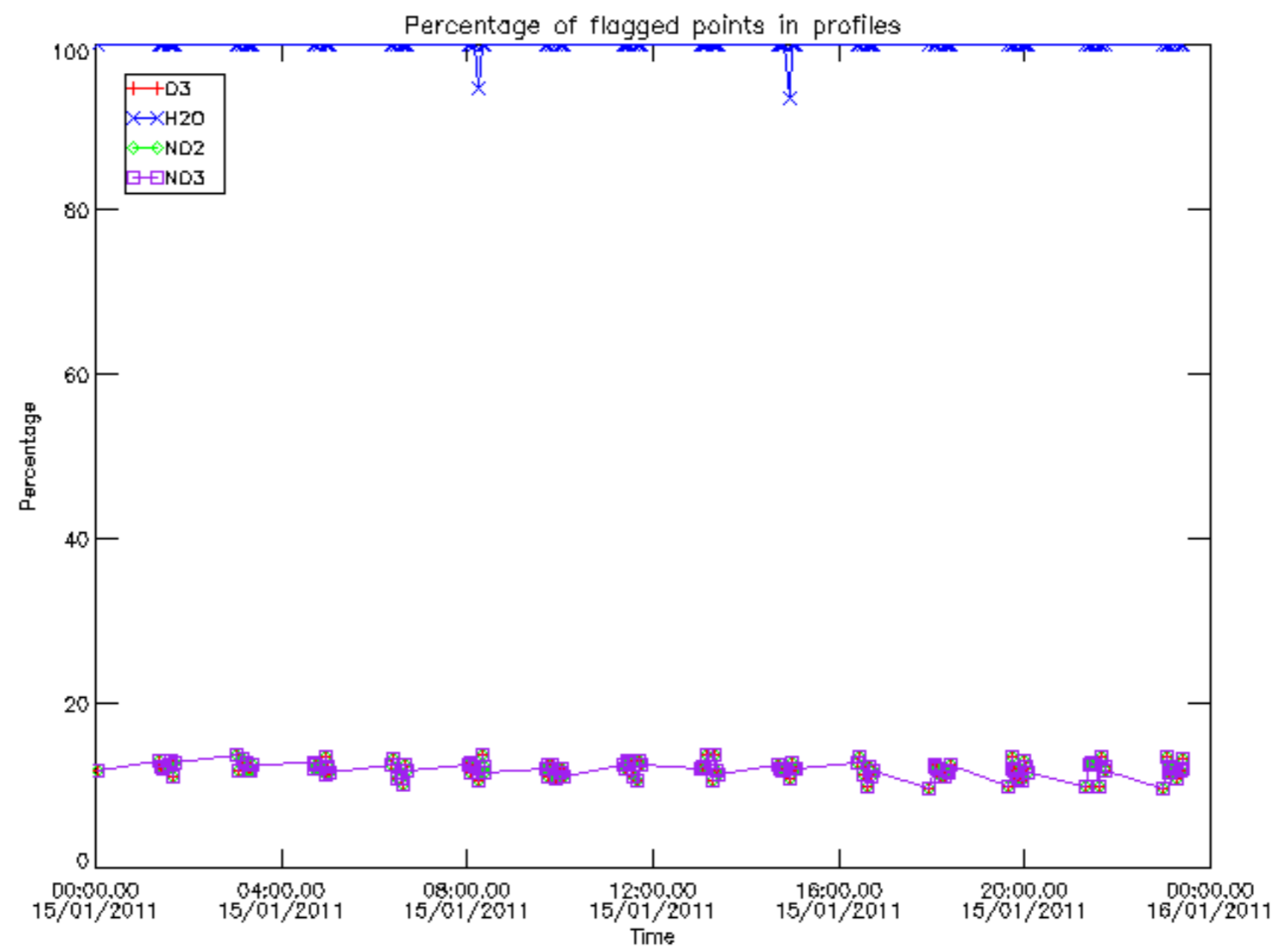




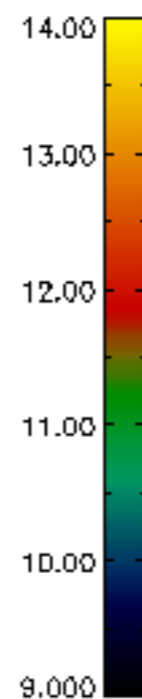
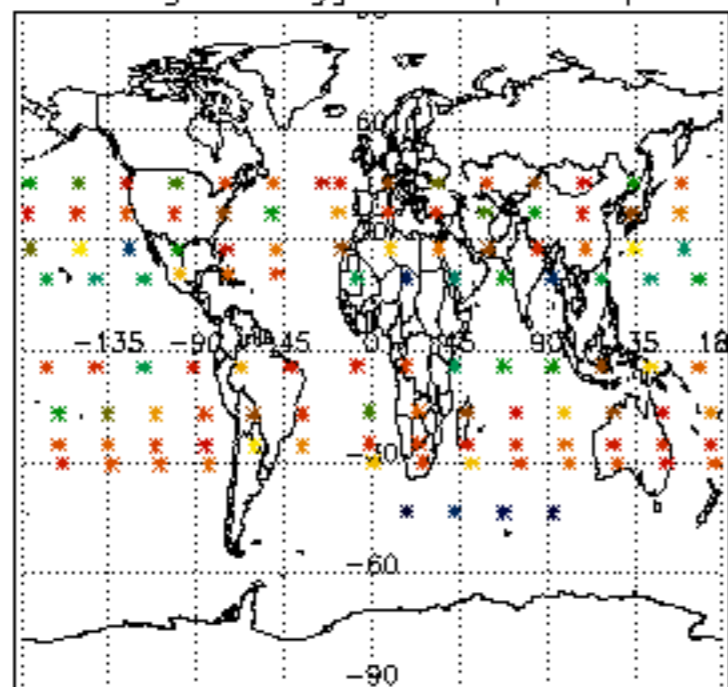




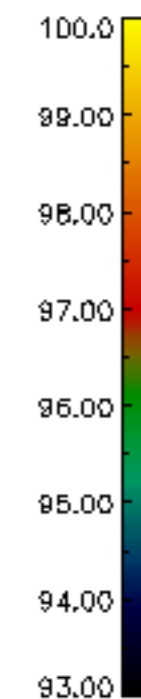
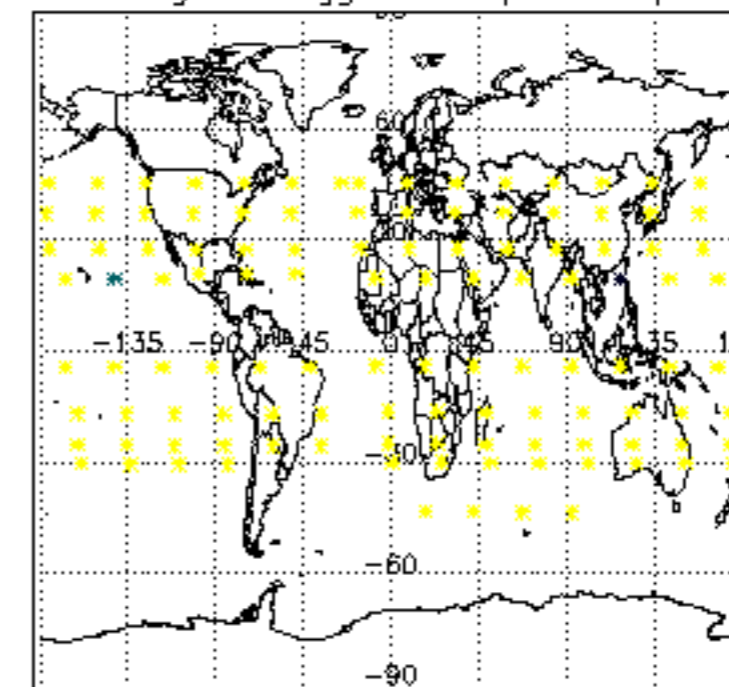




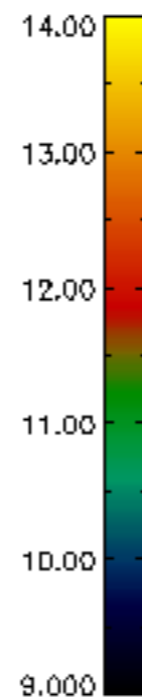
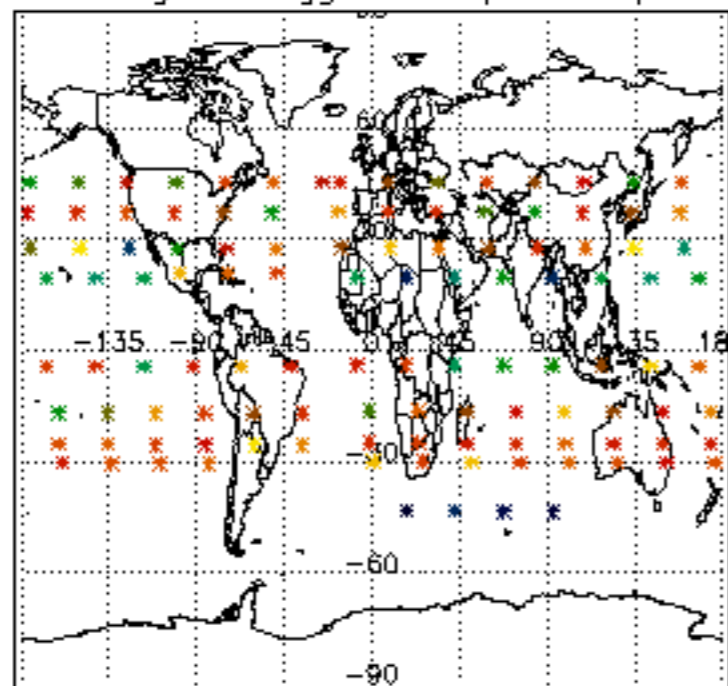
Percentage of flagged data per D3 profile



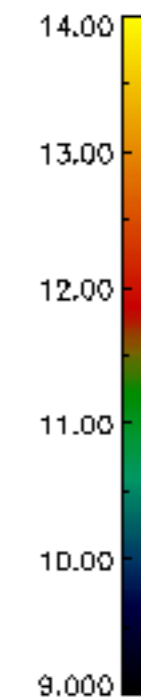
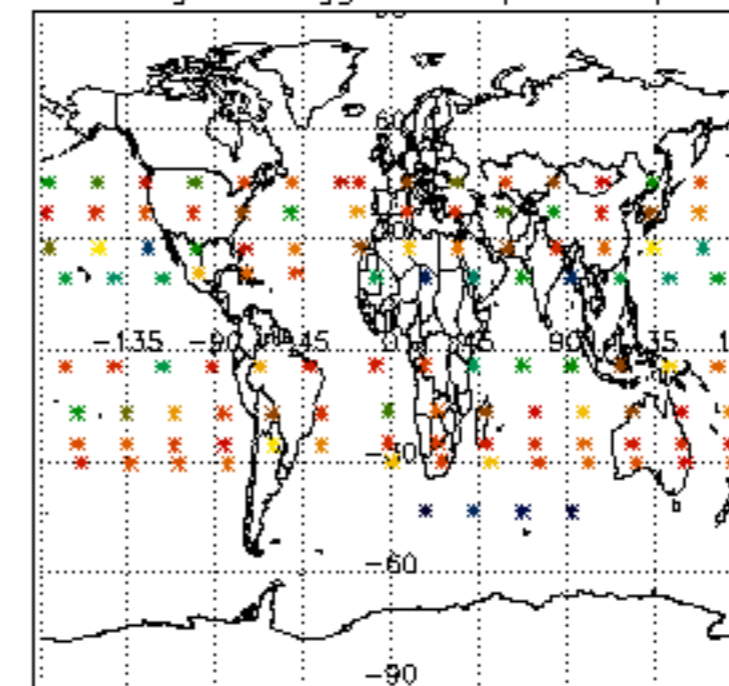
Percentage of flagged data per H2O profile

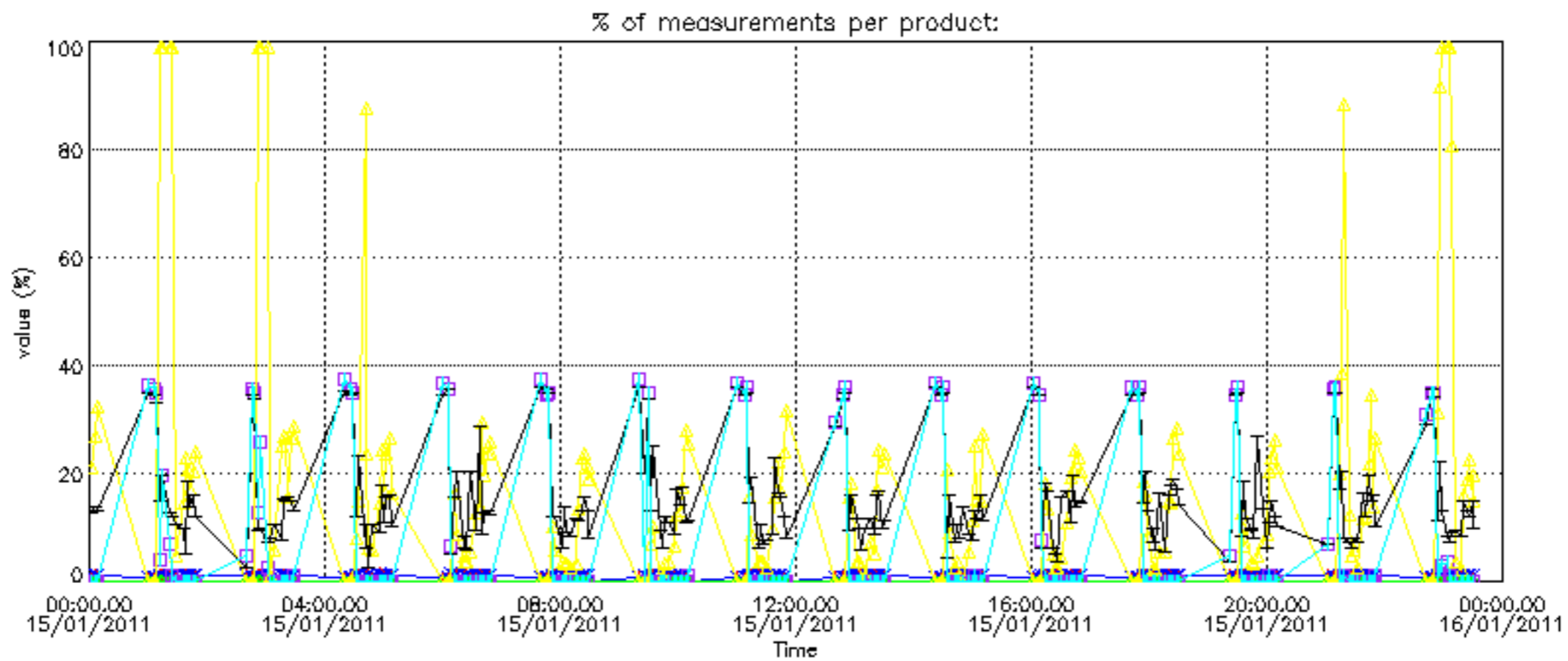


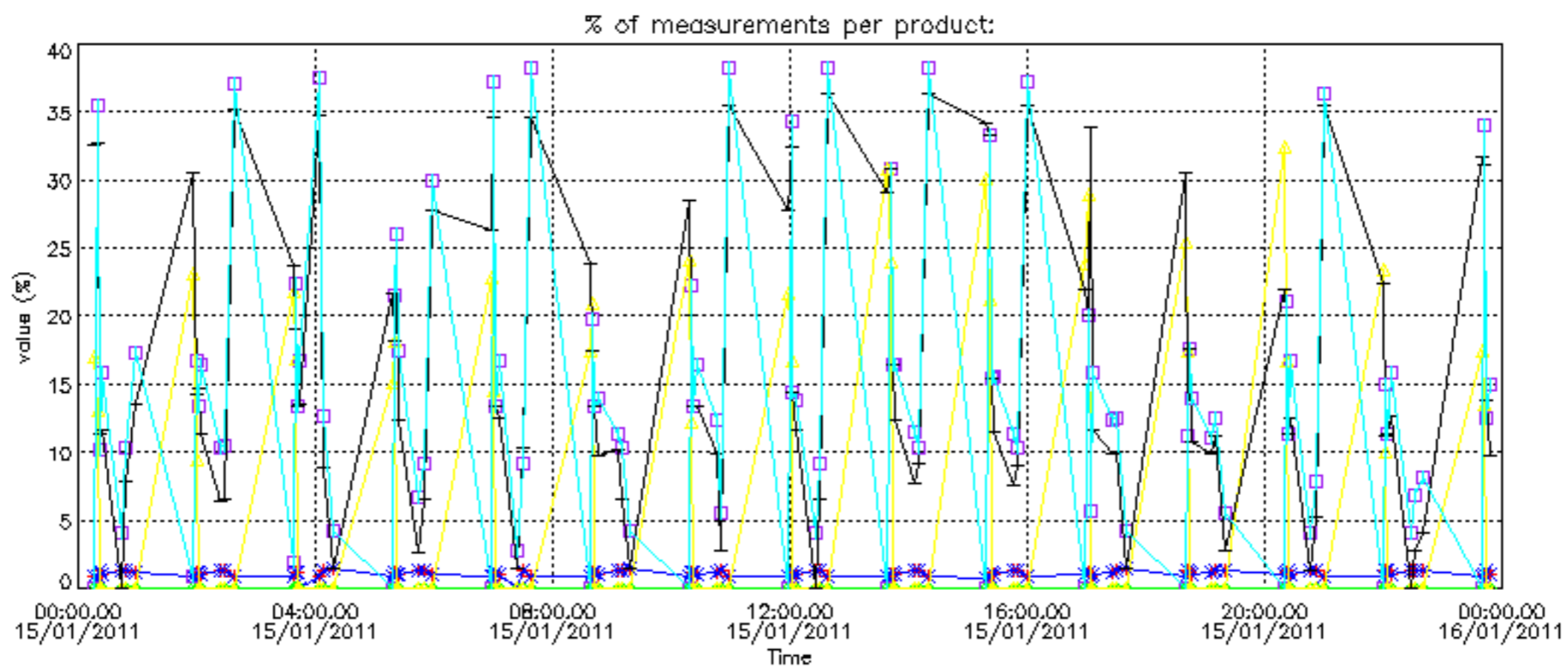
Percentage of flagged data per NO2 profile



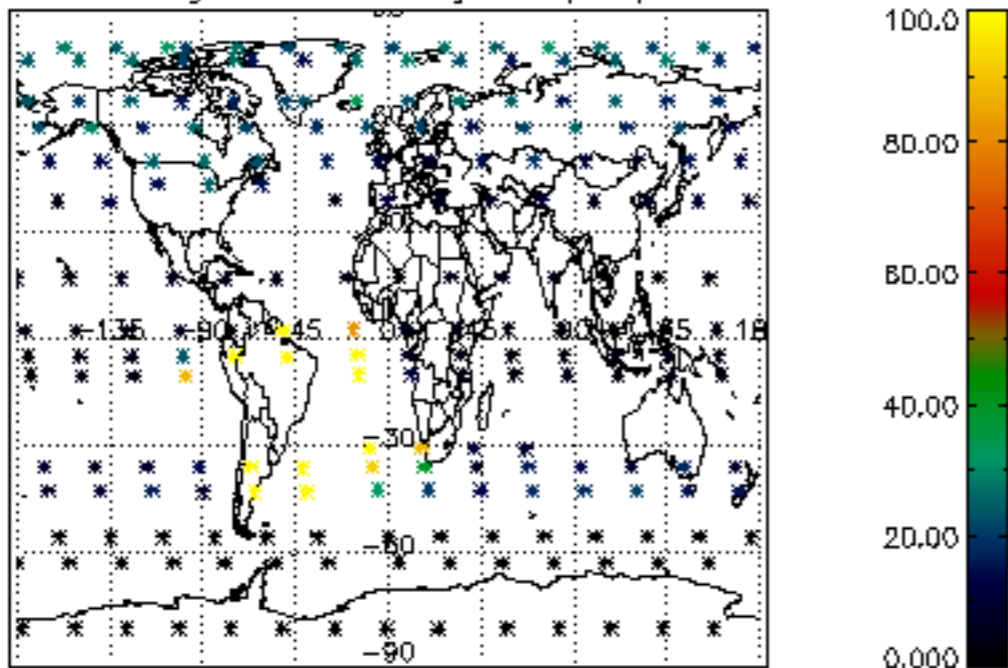
Percentage of flagged data per NO3 profile



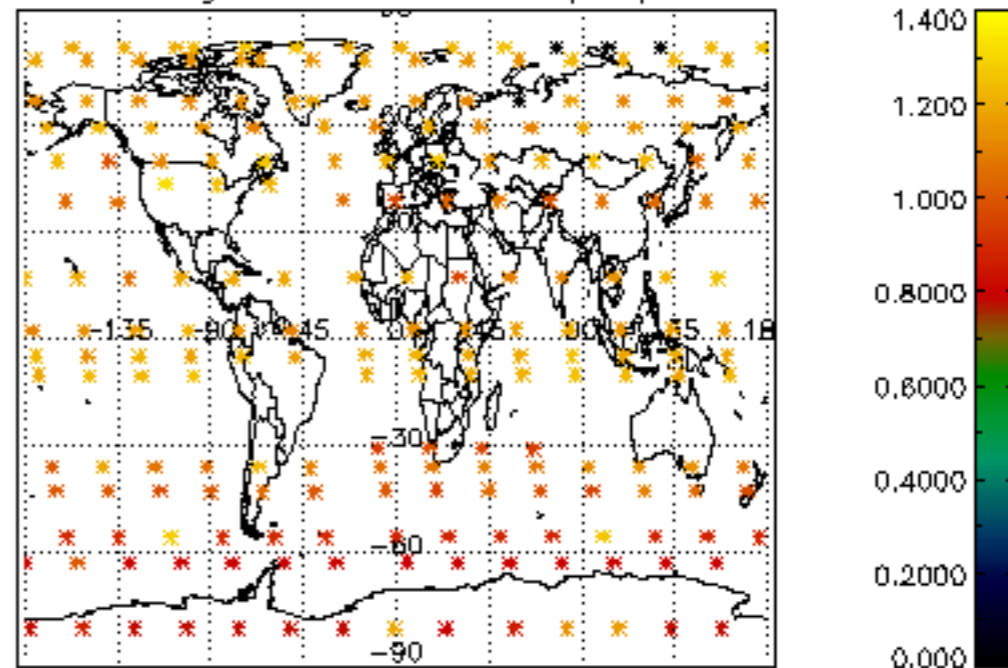




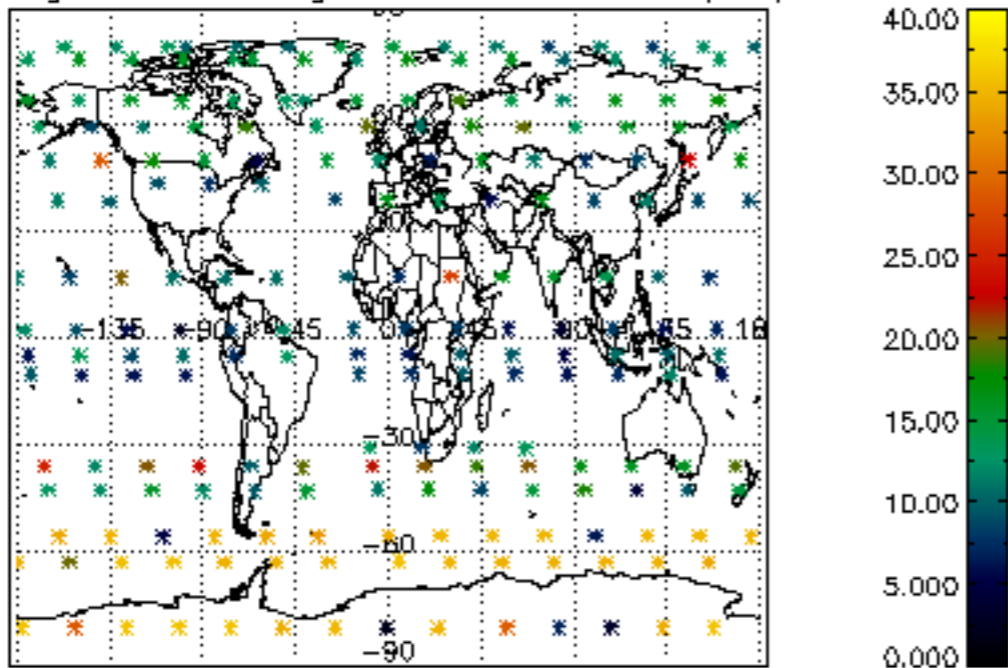
Percentage of cosmic ray hits per profile



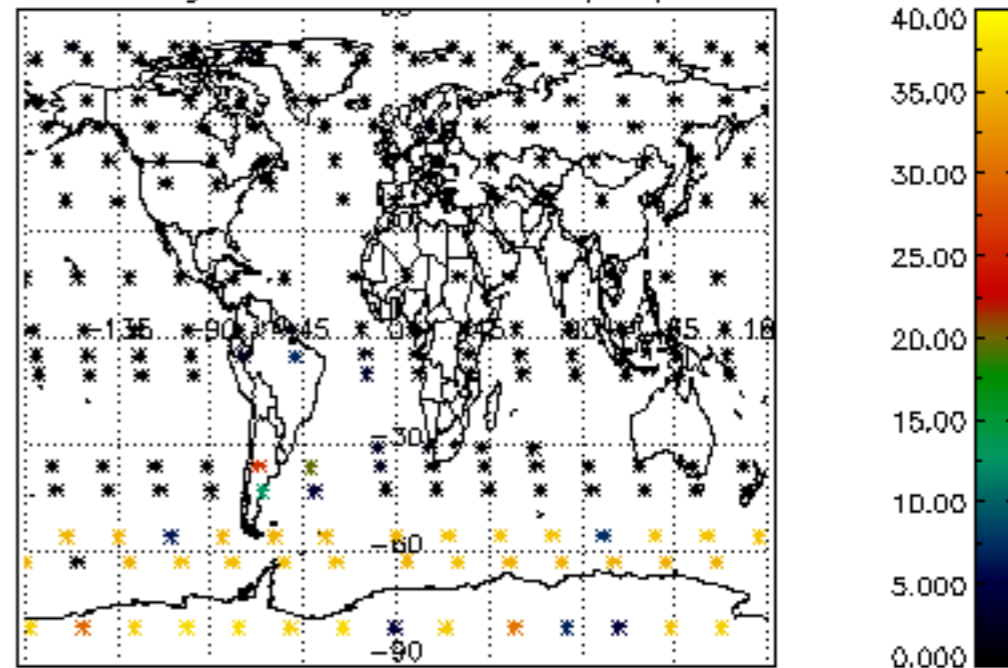
Percentage of datation errors per profile



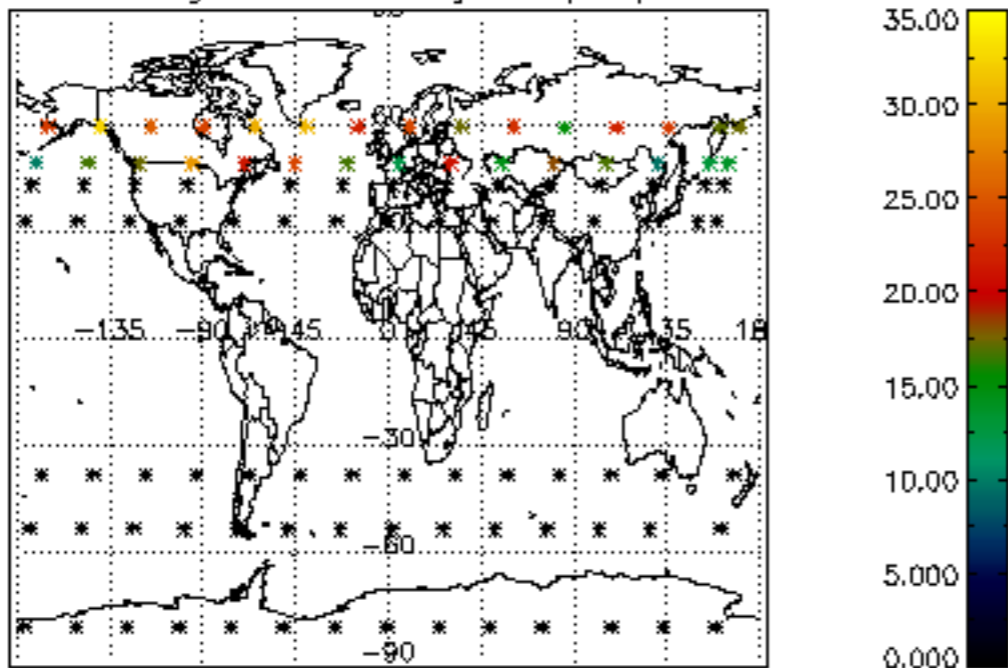
Percentage of star falling outside central band per profile



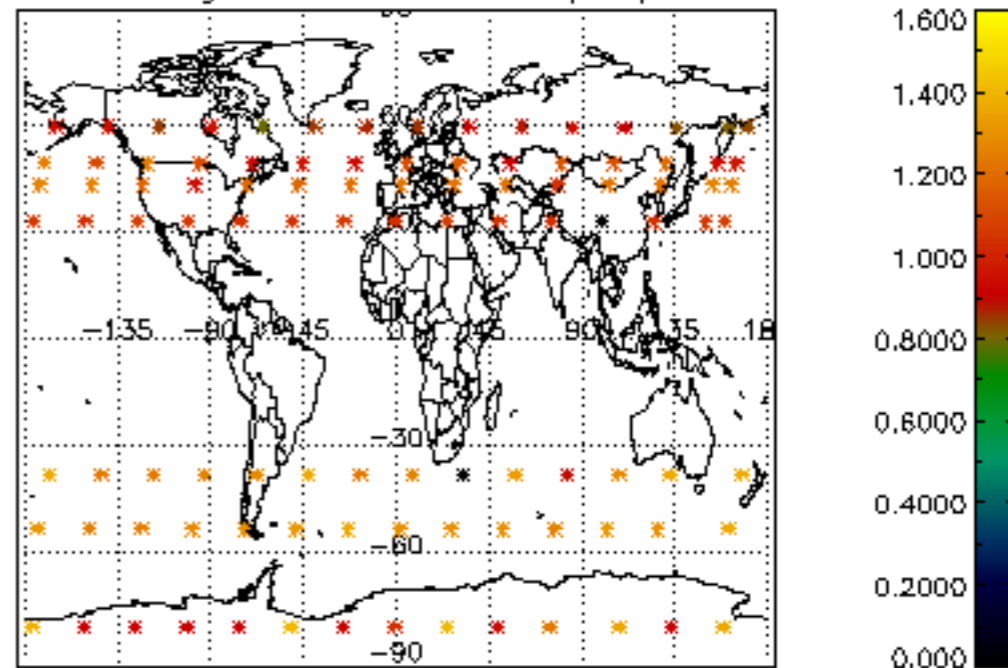
Percentage of saturation errors per profile



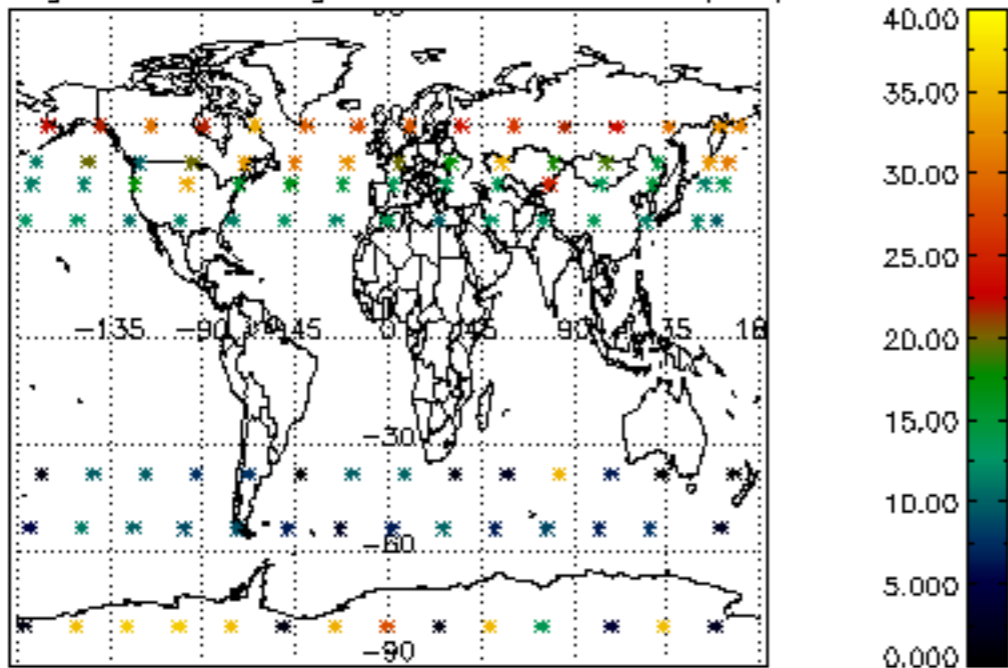
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

