

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	26APR2013 16:23:12
Data source version	GOMOS/6.01
Start time of products	15-01-2010 (15JAN2010 00:00:00)
Stop time of products	16-01-2010 (16JAN2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	413
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__2PRFIN20100115_000229_000000432086_00045_41181_0141.N1	15-JAN-2010 00:02:29	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	41181	No
2	GOM_NL__2PRFIN20100115_000438_000000442086_00045_41181_0142.N1	15-JAN-2010 00:04:38	Dark	43.500	70	Zet Pup	2.2460	39000.	87	41181	No
3	GOM_NL__2PRFIN20100115_000619_000000452086_00045_41181_0143.N1	15-JAN-2010 00:06:19	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	41181	No
4	GOM_NL__2PRFIN20100115_000853_000000432086_00045_41181_0144.N1	15-JAN-2010 00:08:53	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	41181	No
5	GOM_NL__2PRFIN20100115_001018_000000412086_00045_41181_0145.N1	15-JAN-2010 00:10:18	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	41181	No
6	GOM_NL__2PRFIN20100115_001232_000000452086_00045_41181_0146.N1	15-JAN-2010 00:12:32	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	41181	No
7	GOM_NL__2PRFIN20100115_001942_000000522086_00045_41181_0147.N1	15-JAN-2010 00:19:42	Twilight_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	41181	No
8	GOM_NL__2PRFIN20100115_002214_000000462086_00045_41181_0148.N1	15-JAN-2010 00:22:14	Bright	45.500	44	24Gam Gem	1.9280	11000.	91	41181	No
9	GOM_NL__2PRFIN20100115_002339_000000382086_00045_41181_0149.N1	15-JAN-2010 00:23:39	Bright	38.000	176	23Zet Tau	3.0200	22000.	76	41181	No
10	GOM_NL__2PRFIN20100115_002805_000000362086_00045_41181_0150.N1	15-JAN-2010 00:28:05	Bright	36.000	107	37The Aur	2.6490	11000.	72	41181	No
11	GOM_NL__2PRFIN20100115_003016_000000392086_00045_41181_0151.N1	15-JAN-2010 00:30:16	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	41181	No
12	GOM_NL__2PRFIN20100115_004249_000000392086_00045_41181_0152.N1	15-JAN-2010 00:42:49	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	41181	No
13	GOM_NL__2PRFIN20100115_004649_000000362086_00045_41181_0153.N1	15-JAN-2010 00:46:49	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	41181	No
14	GOM_NL__2PRFIN20100115_005107_000000392086_00045_41181_0154.N1	15-JAN-2010 00:51:07	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	41181	No
15	GOM_NL__2PRFIN20100115_005340_000000362086_00045_41181_0155.N1	15-JAN-2010 00:53:40	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	41181	No
16	GOM_NL__2PRFIN20100115_005957_000000362086_00045_41181_0156.N1	15-JAN-2010 00:59:57	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	41181	No
17	GOM_NL__2PRFIN20100115_010303_000000552086_00045_41181_0157.N1	15-JAN-2010 01:03:03	Bright	55.000	127	27Bet Her	2.7810	4700.0	110	41181	No
18	GOM_NL__2PRFIN20100115_010832_000000612086_00045_41181_0158.N1	15-JAN-2010 01:08:32	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41181	No
19	GOM_NL__2PRFIN20100115_011040_000000562086_00045_41181_0159.N1	15-JAN-2010 01:10:40	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41181	No
20	GOM_NL__2PRFIN20100115_011202_000000532086_00045_41181_0160.N1	15-JAN-2010 01:12:02	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41181	No
21	GOM_NL__2PRFIN20100115_011419_000000462086_00045_41181_0161.N1	15-JAN-2010 01:14:19	Twilight_stray	45.500	104	27Bet Lib	2.6140	13100.	91	41181	No
22	GOM_NL__2PRFIN20100115_011629_000000482086_00045_41181_0162.N1	15-JAN-2010 01:16:29	Twilight_stray	48.000	16	21Alp Sco	1.0200	3000.0	96	41181	No
23	GOM_NL__2PRFIN20100115_012328_000000412086_00045_41181_0163.N1	15-JAN-2010 01:23:28	Dark	41.000	109	Bet Lup	2.6770	26000.	82	41181	No
24	GOM_NL__2PRFIN20100115_012458_000000412086_00045_41181_0164.N1	15-JAN-2010 01:24:58	Dark	40.500	78	Alp Lup	2.3040	28000.	81	41181	No
25	GOM_NL__2PRFIN20100115_012735_000000422086_00046_41182_0145.N1	15-JAN-2010 01:27:35	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	41182	No
26	GOM_NL__2PRFIN20100115_013105_000000472086_00046_41182_0146.N1	15-JAN-2010 01:31:05	Dark	46.500	20	Bet Cru	1.2530	30000.	93	41182	No
27	GOM_NL__2PRFIN20100115_013512_000000382086_00046_41182_0147.N1	15-JAN-2010 01:35:12	Dark	38.000	124	The Car	2.7640	30000.	76	41182	No
28	GOM_NL__2PRFIN20100115_013830_000000402086_00046_41182_0148.N1	15-JAN-2010 01:38:30	Dark	39.500	71	lot Car	2.2460	7700.0	79	41182	No
29	GOM_NL__2PRFIN20100115_013945_000000452086_00046_41182_0149.N1	15-JAN-2010 01:39:45	Dark	45.000	41	Eps Car	1.8600	4100.0	90	41182	No
30	GOM_NL__2PRFIN20100115_014305_000000422086_00046_41182_0150.N1	15-JAN-2010 01:43:05	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	41182	No
31	GOM_NL__2PRFIN20100115_014514_000000442086_00046_41182_0151.N1	15-JAN-2010 01:45:14	Dark	43.500	70	Zet Pup	2.2460	39000.	87	41182	No
32	GOM_NL__2PRFIN20100115_014655_000000462086_00046_41182_0152.N1	15-JAN-2010 01:46:55	Straylight	45.500	117	Pi Pup	2.7060	3800.0	91	41182	No
33	GOM_NL__2PRFIN20100115_014928_000000432086_00046_41182_0153.N1	15-JAN-2010 01:49:28	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	41182	No
34	GOM_NL__2PRFIN20100115_015054_000000432086_00046_41182_0154.N1	15-JAN-2010 01:50:54	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	41182	No
35	GOM_NL__2PRFIN20100115_015308_000000472086_00046_41182_0155.N1	15-JAN-2010 01:53:08	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	41182	No
36	GOM_NL__2PRFIN20100115_020018_000000522086_00046_41182_0156.N1	15-JAN-2010 02:00:18	Twilight_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	41182	No
37	GOM_NL__2PRFIN20100115_020249_000000462086_00046_41182_0157.N1	15-JAN-2010 02:02:49	Bright	46.000	44	24Gam Gem	1.9280	11000.	92	41182	No
38	GOM_NL__2PRFIN20100115_020415_000000382086_00046_41182_0158.N1	15-JAN-2010 02:04:15	Bright	37.500	176	23Zet Tau	3.0200	22000.	75	41182	No
39	GOM_NL__2PRFIN20100115_020841_000000362086_00046_41182_0159.N1	15-JAN-2010 02:08:41	Bright	36.000	107	37The Aur	2.6490	11000.	72	41182	No
40	GOM_NL__2PRFIN20100115_021052_000000382086_00046_41182_0160.N1	15-JAN-2010 02:10:52	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	41182	No
41	GOM_NL__2PRFIN20100115_022325_000000342086_00046_41182_0161.N1	15-JAN-2010 02:23:25	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	41182	No
42	GOM_NL__2PRFIN20100115_022724_000000412086_00046_41182_0162.N1	15-JAN-2010 02:27:24	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41182	No

43	GOM_NL__2PRFIN20100115_023143_000000382086_00046_41182_0163.N1	15-JAN-2010 02:31:43	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	41182	No
44	GOM_NL__2PRFIN20100115_023416_000000352086_00046_41182_0164.N1	15-JAN-2010 02:34:16	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	41182	No
45	GOM_NL__2PRFIN20100115_024033_000000542086_00046_41182_0165.N1	15-JAN-2010 02:40:33	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	41182	No
46	GOM_NL__2PRFIN20100115_024339_000000492086_00046_41182_0166.N1	15-JAN-2010 02:43:39	Bright	49.000	127	27Bet Her	2.7810	4700.0	98	41182	No
47	GOM_NL__2PRFIN20100115_024908_000000612086_00046_41182_0167.N1	15-JAN-2010 02:49:08	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41182	No
48	GOM_NL__2PRFIN20100115_025116_000000422086_00046_41182_0168.N1	15-JAN-2010 02:51:16	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	41182	No
49	GOM_NL__2PRFIN20100115_025238_000000532086_00046_41182_0169.N1	15-JAN-2010 02:52:38	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41182	No
50	GOM_NL__2PRFIN20100115_025455_000000502086_00046_41182_0170.N1	15-JAN-2010 02:54:55	Twilight	50.000	104	27Bet Lib	2.6140	13100.	100	41182	No
51	GOM_NL__2PRFIN20100115_025705_000000492086_00046_41182_0171.N1	15-JAN-2010 02:57:05	Twilight	48.500	16	21Alp Sco	1.0200	3000.0	97	41182	No
52	GOM_NL__2PRFIN20100115_030220_000000402086_00046_41182_0172.N1	15-JAN-2010 03:02:20	Dark	40.000	131	Gam Lup	2.8000	26000.	80	41182	No
53	GOM_NL__2PRFIN20100115_041219_000000372086_00047_41183_0154.N1	15-JAN-2010 04:12:19	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	41183	No
54	GOM_NL__2PRFIN20100115_041452_000000362086_00047_41183_0155.N1	15-JAN-2010 04:14:52	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	41183	No
55	GOM_NL__2PRFIN20100115_042109_000000542086_00047_41183_0156.N1	15-JAN-2010 04:21:09	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	41183	No
56	GOM_NL__2PRFIN20100115_042415_000000552086_00047_41183_0157.N1	15-JAN-2010 04:24:15	Bright	55.000	127	27Bet Her	2.7810	4700.0	110	41183	No
57	GOM_NL__2PRFIN20100115_042945_000000612086_00047_41183_0158.N1	15-JAN-2010 04:29:45	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41183	No
58	GOM_NL__2PRFIN20100115_043152_000000562086_00047_41183_0159.N1	15-JAN-2010 04:31:52	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41183	No
59	GOM_NL__2PRFIN20100115_043315_000000532086_00047_41183_0160.N1	15-JAN-2010 04:33:15	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41183	No
60	GOM_NL__2PRFIN20100115_043532_000000462086_00047_41183_0161.N1	15-JAN-2010 04:35:32	Twilight	45.500	104	27Bet Lib	2.6140	13100.	91	41183	No
61	GOM_NL__2PRFIN20100115_043742_000000512086_00047_41183_0162.N1	15-JAN-2010 04:37:42	Twilight	50.500	16	21Alp Sco	1.0200	3000.0	101	41183	No
62	GOM_NL__2PRFIN20100115_044256_000000392086_00047_41183_0163.N1	15-JAN-2010 04:42:56	Dark	39.000	131	Gam Lup	2.8000	26000.	78	41183	No
63	GOM_NL__2PRFIN20100115_044441_000000422086_00047_41183_0164.N1	15-JAN-2010 04:44:41	Dark	42.000	109	Bet Lup	2.6770	26000.	84	41183	No
64	GOM_NL__2PRFIN20100115_044612_000000422086_00047_41183_0165.N1	15-JAN-2010 04:46:12	Dark	41.500	78	Alp Lup	2.3040	28000.	83	41183	No
65	GOM_NL__2PRFIN20100115_044848_000000542086_00048_41184_0163.N1	15-JAN-2010 04:48:48	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	41184	No
66	GOM_NL__2PRFIN20100115_045218_000000422086_00048_41184_0164.N1	15-JAN-2010 04:52:18	Dark	41.500	20	Bet Cru	1.2530	30000.	83	41184	No
67	GOM_NL__2PRFIN20100115_045625_000000372086_00048_41184_0165.N1	15-JAN-2010 04:56:25	Dark	37.000	124	The Car	2.7640	30000.	74	41184	No
68	GOM_NL__2PRFIN20100115_045943_000000452086_00048_41184_0166.N1	15-JAN-2010 04:59:43	Dark	45.000	71	lot Car	2.2460	7700.0	90	41184	No
69	GOM_NL__2PRFIN20100115_050058_000000472086_00048_41184_0167.N1	15-JAN-2010 05:00:58	Dark	47.000	41	Eps Car	1.8600	4100.0	94	41184	No
70	GOM_NL__2PRFIN20100115_050418_000000442086_00048_41184_0168.N1	15-JAN-2010 05:04:18	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	41184	No
71	GOM_NL__2PRFIN20100115_050627_000000452086_00048_41184_0169.N1	15-JAN-2010 05:06:27	Dark	44.500	70	Zet Pup	2.2460	39000.	89	41184	No
72	GOM_NL__2PRFIN20100115_050808_000000452086_00048_41184_0170.N1	15-JAN-2010 05:08:08	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	41184	No
73	GOM_NL__2PRFIN20100115_051041_000000422086_00048_41184_0171.N1	15-JAN-2010 05:10:41	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	41184	No
74	GOM_NL__2PRFIN20100115_051207_000000412086_00048_41184_0172.N1	15-JAN-2010 05:12:07	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	41184	No
75	GOM_NL__2PRFIN20100115_051420_000000462086_00048_41184_0173.N1	15-JAN-2010 05:14:20	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	41184	No
76	GOM_NL__2PRFIN20100115_052130_000000522086_00048_41184_0174.N1	15-JAN-2010 05:21:30	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	41184	No
77	GOM_NL__2PRFIN20100115_052401_000000452086_00048_41184_0175.N1	15-JAN-2010 05:24:01	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	41184	No
78	GOM_NL__2PRFIN20100115_052527_000000372086_00048_41184_0176.N1	15-JAN-2010 05:25:27	Bright	36.500	176	23Zet Tau	3.0200	22000.	73	41184	No
79	GOM_NL__2PRFIN20100115_052953_000000372086_00048_41184_0177.N1	15-JAN-2010 05:29:53	Bright	37.000	107	37The Aur	2.6490	11000.	74	41184	No
80	GOM_NL__2PRFIN20100115_053204_000000372086_00048_41184_0178.N1	15-JAN-2010 05:32:04	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	41184	No
81	GOM_NL__2PRFIN20100115_054437_000000382086_00048_41184_0179.N1	15-JAN-2010 05:44:37	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	41184	No
82	GOM_NL__2PRFIN20100115_054836_000000422086_00048_41184_0180.N1	15-JAN-2010 05:48:36	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41184	No
83	GOM_NL__2PRFIN20100115_055254_000000392086_00048_41184_0181.N1	15-JAN-2010 05:52:54	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	41184	No
84	GOM_NL__2PRFIN20100115_055529_000000372086_00048_41184_0182.N1	15-JAN-2010 05:55:29	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	41184	No
85	GOM_NL__2PRFIN20100115_060145_000000542086_00048_41184_0183.N1	15-JAN-2010 06:01:45	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	41184	No
86	GOM_NL__2PRFIN20100115_060451_000000552086_00048_41184_0184.N1	15-JAN-2010 06:04:51	Bright	55.000	127	27Bet Her	2.7810	4700.0	110	41184	No
87	GOM_NL__2PRFIN20100115_061021_000000612086_00048_41184_0185.N1	15-JAN-2010 06:10:21	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41184	No
88	GOM_NL__2PRFIN20100115_061229_000000562086_00048_41184_0186.N1	15-JAN-2010 06:12:29	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41184	No
89	GOM_NL__2PRFIN20100115_061351_000000532086_00048_41184_0187.N1	15-JAN-2010 06:13:51	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41184	No
90	GOM_NL__2PRFIN20100115_061609_000000482086_00048_41184_0188.N1	15-JAN-2010 06:16:09	Twilight	48.000	104	27Bet Lib	2.6140	13100.	96	41184	No
91	GOM_NL__2PRFIN20100115_061818_000000482086_00048_41184_0189.N1	15-JAN-2010 06:18:18	Twilight	47.500	16	21Alp Sco	1.0200	3000.0	95	41184	No
92	GOM_NL__2PRFIN20100115_062333_000000392086_00048_41184_0190.N1	15-JAN-2010 06:23:33	Dark	38.500	131	Gam Lup	2.8000	26000.	77	41184	No
93	GOM_NL__2PRFIN20100115_062517_000000402086_00048_41184_0191.N1	15-JAN-2010 06:25:17	Dark	39.500	109	Bet Lup	2.6770	26000.	79	41184	No
94	GOM_NL__2PRFIN20100115_062648_000000452086_00048_41184_0192.N1	15-JAN-2010 06:26:48	Dark	44.500	78	Alp Lup	2.3040	28000.	89	41184	No
95	GOM_NL__2PRFIN20100115_062924_000000542086_00049_41185_0173.N1	15-JAN-2010 06:29:24	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	41185	No
96	GOM_NL__2PRFIN20100115_063255_000000412086_00049_41185_0174.N1	15-JAN-2010 06:32:55	Dark	41.000	20	Bet Cru	1.2530	30000.	82	41185	No
97	GOM_NL__2PRFIN20100115_063702_000000392086_00049_41185_0175.N1	15-JAN-2010 06:37:02	Dark	39.000	124	The Car	2.7640	30000.	78	41185	No
98	GOM_NL__2PRFIN20100115_064019_000000472086_00049_41185_0176.N1	15-JAN-2010 06:40:19	Dark	47.000	71	lot Car	2.2460	7700.0	94	41185	No
99	GOM_NL__2PRFIN20100115_064134_000000442086_00049_41185_0177.N1	15-JAN-2010 06:41:34	Dark	44.000	41	Eps Car	1.8600	4100.0	88	41185	No
100	GOM_NL__2PRFIN20100115_064454_000000422086_00049_41185_0178.N1	15-JAN-2010 06:44:54	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	41185	No
101	GOM_NL__2PRFIN20100115_064703_000000432086_00049_41185_0179.N1	15-JAN-2010 06:47:03	Dark	42.500	70	Zet Pup	2.2460	39000.	85	41185	No

102	GOM_NL__2PRFIN20100115_064844_000000432086_00049_41185_0180.N1	15-JAN-2010 06:48:44	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	41185	No
103	GOM_NL__2PRFIN20100115_065117_000000452086_00049_41185_0181.N1	15-JAN-2010 06:51:17	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	41185	No
104	GOM_NL__2PRFIN20100115_065243_000000402086_00049_41185_0182.N1	15-JAN-2010 06:52:43	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	41185	No
105	GOM_NL__2PRFIN20100115_065456_000000472086_00049_41185_0183.N1	15-JAN-2010 06:54:56	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	41185	No
106	GOM_NL__2PRFIN20100115_070206_000000472086_00049_41185_0184.N1	15-JAN-2010 07:02:06	Tw_i_and_stray	46.500	14	58Alp Ori	0.87000	3000.0	93	41185	No
107	GOM_NL__2PRFIN20100115_070437_000000412086_00049_41185_0185.N1	15-JAN-2010 07:04:37	Bright	40.500	44	24Gam Gem	1.9280	11000.	81	41185	No
108	GOM_NL__2PRFIN20100115_070603_000000522086_00049_41185_0186.N1	15-JAN-2010 07:06:03	Bright	52.000	176	23Zet Tau	3.0200	22000.	104	41185	No
109	GOM_NL__2PRFIN20100115_071029_000000372086_00049_41185_0187.N1	15-JAN-2010 07:10:29	Bright	36.500	107	37The Aur	2.6490	11000.	73	41185	No
110	GOM_NL__2PRFIN20100115_071240_000000362086_00049_41185_0188.N1	15-JAN-2010 07:12:40	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	41185	No
111	GOM_NL__2PRFIN20100115_072513_000000522086_00049_41185_0189.N1	15-JAN-2010 07:25:13	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	41185	No
112	GOM_NL__2PRFIN20100115_072911_000000402086_00049_41185_0190.N1	15-JAN-2010 07:29:11	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41185	No
113	GOM_NL__2PRFIN20100115_073330_000000392086_00049_41185_0191.N1	15-JAN-2010 07:33:30	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	41185	No
114	GOM_NL__2PRFIN20100115_073605_000000362086_00049_41185_0192.N1	15-JAN-2010 07:36:05	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	41185	No
115	GOM_NL__2PRFIN20100115_074221_000000362086_00049_41185_0193.N1	15-JAN-2010 07:42:21	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	41185	No
116	GOM_NL__2PRFIN20100115_074527_000000552086_00049_41185_0194.N1	15-JAN-2010 07:45:27	Bright	55.000	127	27Bet Her	2.7810	4700.0	110	41185	No
117	GOM_NL__2PRFIN20100115_075058_000000432086_00049_41185_0195.N1	15-JAN-2010 07:50:58	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	41185	No
118	GOM_NL__2PRFIN20100115_075306_000000562086_00049_41185_0196.N1	15-JAN-2010 07:53:06	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41185	No
119	GOM_NL__2PRFIN20100115_075427_000000532086_00049_41185_0197.N1	15-JAN-2010 07:54:27	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41185	No
120	GOM_NL__2PRFIN20100115_075646_000000512086_00049_41185_0198.N1	15-JAN-2010 07:56:46	Tw_i_and_stray	50.500	104	27Bet Lib	2.6140	13100.	101	41185	No
121	GOM_NL__2PRFIN20100115_075855_000000462086_00049_41185_0199.N1	15-JAN-2010 07:58:55	Tw_i_and_stray	45.500	16	21Alp Sco	1.0200	3000.0	91	41185	No
122	GOM_NL__2PRFIN20100115_080409_000000402086_00049_41185_0200.N1	15-JAN-2010 08:04:09	Dark	39.500	131	Gam Lup	2.8000	26000.	79	41185	No
123	GOM_NL__2PRFIN20100115_080554_000000432086_00049_41185_0201.N1	15-JAN-2010 08:05:54	Dark	42.500	109	Bet Lup	2.6770	26000.	85	41185	No
124	GOM_NL__2PRFIN20100115_080725_000000432086_00049_41185_0202.N1	15-JAN-2010 08:07:25	Dark	43.000	78	Alp Lup	2.3040	28000.	86	41185	No
125	GOM_NL__2PRFIN20100115_081001_000000412086_00050_41186_0182.N1	15-JAN-2010 08:10:01	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	41186	No
126	GOM_NL__2PRFIN20100115_081331_000000402086_00050_41186_0183.N1	15-JAN-2010 08:13:31	Dark	40.000	20	Bet Cru	1.2530	30000.	80	41186	No
127	GOM_NL__2PRFIN20100115_081738_000000382086_00050_41186_0184.N1	15-JAN-2010 08:17:38	Dark	37.500	124	The Car	2.7640	30000.	75	41186	No
128	GOM_NL__2PRFIN20100115_082056_000000402086_00050_41186_0185.N1	15-JAN-2010 08:20:56	Dark	39.500	71	lot Car	2.2460	7700.0	79	41186	No
129	GOM_NL__2PRFIN20100115_082211_000000462086_00050_41186_0186.N1	15-JAN-2010 08:22:11	Dark	46.000	41	Eps Car	1.8600	4100.0	92	41186	No
130	GOM_NL__2PRFIN20100115_082531_000000412086_00050_41186_0187.N1	15-JAN-2010 08:25:31	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	41186	No
131	GOM_NL__2PRFIN20100115_082739_000000432086_00050_41186_0188.N1	15-JAN-2010 08:27:39	Dark	42.500	70	Zet Pup	2.2460	39000.	85	41186	No
132	GOM_NL__2PRFIN20100115_082920_000000442086_00050_41186_0189.N1	15-JAN-2010 08:29:20	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	41186	No
133	GOM_NL__2PRFIN20100115_083153_000000432086_00050_41186_0190.N1	15-JAN-2010 08:31:53	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	41186	No
134	GOM_NL__2PRFIN20100115_083319_000000412086_00050_41186_0191.N1	15-JAN-2010 08:33:19	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	41186	No
135	GOM_NL__2PRFIN20100115_083532_000000452086_00050_41186_0192.N1	15-JAN-2010 08:35:32	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	41186	No
136	GOM_NL__2PRFIN20100115_084242_000000472086_00050_41186_0193.N1	15-JAN-2010 08:42:42	Tw_i_and_stray	47.000	14	58Alp Ori	0.87000	3000.0	94	41186	No
137	GOM_NL__2PRFIN20100115_084513_000000362086_00050_41186_0194.N1	15-JAN-2010 08:45:13	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	41186	No
138	GOM_NL__2PRFIN20100115_084639_000000332086_00050_41186_0195.N1	15-JAN-2010 08:46:39	Bright	33.000	176	23Zet Tau	3.0200	22000.	66	41186	No
139	GOM_NL__2PRFIN20100115_085105_000000372086_00050_41186_0196.N1	15-JAN-2010 08:51:05	Bright	37.000	107	37The Aur	2.6490	11000.	74	41186	No
140	GOM_NL__2PRFIN20100115_085316_000000382086_00050_41186_0197.N1	15-JAN-2010 08:53:16	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	41186	No
141	GOM_NL__2PRFIN20100115_090549_000000362086_00050_41186_0198.N1	15-JAN-2010 09:05:49	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	41186	No
142	GOM_NL__2PRFIN20100115_090948_000000482086_00050_41186_0199.N1	15-JAN-2010 09:09:48	Bright	48.000	60	7Bet UMi	2.0810	3950.0	96	41186	No
143	GOM_NL__2PRFIN20100115_091406_000000382086_00050_41186_0200.N1	15-JAN-2010 09:14:06	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	41186	No
144	GOM_NL__2PRFIN20100115_091641_000000522086_00050_41186_0201.N1	15-JAN-2010 09:16:41	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	41186	No
145	GOM_NL__2PRFIN20100115_092257_000000422086_00050_41186_0202.N1	15-JAN-2010 09:22:57	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	41186	No
146	GOM_NL__2PRFIN20100115_092604_000000372086_00050_41186_0203.N1	15-JAN-2010 09:26:04	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	41186	No
147	GOM_NL__2PRFIN20100115_093134_000000622086_00050_41186_0204.N1	15-JAN-2010 09:31:34	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	41186	No
148	GOM_NL__2PRFIN20100115_093342_000000562086_00050_41186_0205.N1	15-JAN-2010 09:33:42	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41186	No
149	GOM_NL__2PRFIN20100115_093723_000000472086_00050_41186_0206.N1	15-JAN-2010 09:37:23	Tw_i_and_stray	46.500	104	27Bet Lib	2.6140	13100.	93	41186	No
150	GOM_NL__2PRFIN20100115_093931_000000492086_00050_41186_0207.N1	15-JAN-2010 09:39:31	Tw_i_and_stray	49.000	16	21Alp Sco	1.0200	3000.0	98	41186	No
151	GOM_NL__2PRFIN20100115_094446_000000412086_00050_41186_0208.N1	15-JAN-2010 09:44:46	Dark	40.500	131	Gam Lup	2.8000	26000.	81	41186	No
152	GOM_NL__2PRFIN20100115_094631_000000412086_00050_41186_0209.N1	15-JAN-2010 09:46:31	Dark	40.500	109	Bet Lup	2.6770	26000.	81	41186	No
153	GOM_NL__2PRFIN20100115_094801_000000422086_00050_41186_0210.N1	15-JAN-2010 09:48:01	Dark	41.500	78	Alp Lup	2.3040	28000.	83	41186	No
154	GOM_NL__2PRFIN20100115_095037_000000402086_00051_41187_0207.N1	15-JAN-2010 09:50:37	Dark	40.000	4	Alp1Cen	-0.010000	5800.0	80	41187	No
155	GOM_NL__2PRFIN20100115_095408_000000412086_00051_41187_0208.N1	15-JAN-2010 09:54:08	Dark	41.000	20	Bet Cru	1.2530	30000.	82	41187	No
156	GOM_NL__2PRFIN20100115_095815_000000382086_00051_41187_0209.N1	15-JAN-2010 09:58:15	Dark	38.000	124	The Car	2.7640	30000.	76	41187	No
157	GOM_NL__2PRFIN20100115_100132_000000412086_00051_41187_0210.N1	15-JAN-2010 10:01:32	Dark	40.500	71	lot Car	2.2460	7700.0	81	41187	No
158	GOM_NL__2PRFIN20100115_100247_000000512086_00051_41187_0211.N1	15-JAN-2010 10:02:47	Dark	51.000	41	Eps Car	1.8600	4100.0	102	41187	No
159	GOM_NL__2PRFIN20100115_100607_000000452086_00051_41187_0212.N1	15-JAN-2010 10:06:07	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	41187	No
160	GOM_NL__2PRFIN20100115_100816_000000442086_00051_41187_0213.N1	15-JAN-2010 10:08:16	Dark	43.500	70	Zet Pup	2.2460	39000.	87	41187	No

161	GOM_NL__2PRFIN20100115_100956_000000432086_00051_41187_0214.N1	15-JAN-2010 10:09:56	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	41187	No
162	GOM_NL__2PRFIN20100115_101229_000000422086_00051_41187_0215.N1	15-JAN-2010 10:12:29	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	41187	No
163	GOM_NL__2PRFIN20100115_101355_000000412086_00051_41187_0216.N1	15-JAN-2010 10:13:55	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	41187	No
164	GOM_NL__2PRFIN20100115_101608_000000462086_00051_41187_0217.N1	15-JAN-2010 10:16:08	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	41187	No
165	GOM_NL__2PRFIN20100115_102319_000000432086_00051_41187_0218.N1	15-JAN-2010 10:23:19	Twi_and_stray	42.500	14	58Alp Ori	0.87000	3000.0	85	41187	No
166	GOM_NL__2PRFIN20100115_102549_000000362086_00051_41187_0219.N1	15-JAN-2010 10:25:49	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	41187	No
167	GOM_NL__2PRFIN20100115_102715_000000332086_00051_41187_0220.N1	15-JAN-2010 10:27:15	Bright	33.000	176	23Zet Tau	3.0200	22000.	66	41187	No
168	GOM_NL__2PRFIN20100115_103141_000000372086_00051_41187_0221.N1	15-JAN-2010 10:31:41	Bright	37.000	107	37The Aur	2.6490	11000.	74	41187	No
169	GOM_NL__2PRFIN20100115_103352_000000382086_00051_41187_0222.N1	15-JAN-2010 10:33:52	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	41187	No
170	GOM_NL__2PRFIN20100115_104625_000000362086_00051_41187_0223.N1	15-JAN-2010 10:46:25	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	41187	No
171	GOM_NL__2PRFIN20100115_105023_000000452086_00051_41187_0224.N1	15-JAN-2010 10:50:23	Bright	44.500	60	7Bet UMi	2.0810	3950.0	89	41187	No
172	GOM_NL__2PRFIN20100115_105442_000000542086_00051_41187_0225.N1	15-JAN-2010 10:54:42	Bright	54.000	119	14Eta Dra	2.7270	4700.0	108	41187	No
173	GOM_NL__2PRFIN20100115_105717_000000342086_00051_41187_0226.N1	15-JAN-2010 10:57:17	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	41187	No
174	GOM_NL__2PRFIN20100115_110333_000000362086_00051_41187_0227.N1	15-JAN-2010 11:03:33	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	41187	No
175	GOM_NL__2PRFIN20100115_110640_000000372086_00051_41187_0228.N1	15-JAN-2010 11:06:40	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	41187	No
176	GOM_NL__2PRFIN20100115_111210_000000622086_00051_41187_0229.N1	15-JAN-2010 11:12:10	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	41187	No
177	GOM_NL__2PRFIN20100115_111418_000000562086_00051_41187_0230.N1	15-JAN-2010 11:14:18	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41187	No
178	GOM_NL__2PRFIN20100115_111759_000000472086_00051_41187_0231.N1	15-JAN-2010 11:17:59	Twi_and_stray	46.500	104	27Bet Lib	2.6140	13100.	93	41187	No
179	GOM_NL__2PRFIN20100115_112007_000000532086_00051_41187_0232.N1	15-JAN-2010 11:20:07	Twi_and_stray	53.000	16	21Alp Sco	1.0200	3000.0	106	41187	No
180	GOM_NL__2PRFIN20100115_112522_000000412086_00051_41187_0233.N1	15-JAN-2010 11:25:22	Dark	41.000	131	Gam Lup	2.8000	26000.	82	41187	No
181	GOM_NL__2PRFIN20100115_112707_000000412086_00051_41187_0234.N1	15-JAN-2010 11:27:07	Dark	41.000	109	Bet Lup	2.6770	26000.	82	41187	No
182	GOM_NL__2PRFIN20100115_112838_000000402086_00051_41187_0235.N1	15-JAN-2010 11:28:38	Dark	40.000	78	Alp Lup	2.3040	28000.	80	41187	No
183	GOM_NL__2PRFIN20100115_113113_000000412086_00052_41188_0250.N1	15-JAN-2010 11:31:13	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	41188	No
184	GOM_NL__2PRFIN20100115_113444_000000412086_00052_41188_0251.N1	15-JAN-2010 11:34:44	Dark	40.500	20	Bet Cru	1.2530	30000.	81	41188	No
185	GOM_NL__2PRFIN20100115_113851_000000382086_00052_41188_0252.N1	15-JAN-2010 11:38:51	Dark	38.000	124	The Car	2.7640	30000.	76	41188	No
186	GOM_NL__2PRFIN20100115_114013_000000392086_00052_41188_0253.N1	15-JAN-2010 11:40:13	Dark	38.500	29	Bet Car	1.6720	10200.	77	41188	No
187	GOM_NL__2PRFIN20100115_114208_000000432086_00052_41188_0254.N1	15-JAN-2010 11:42:08	Dark	43.000	71	lot Car	2.2460	7700.0	86	41188	No
188	GOM_NL__2PRFIN20100115_114400_000000402086_00052_41188_0255.N1	15-JAN-2010 11:44:00	Dark	39.500	46	Del Vel	1.9540	10600.	79	41188	No
189	GOM_NL__2PRFIN20100115_114643_000000432086_00052_41188_0256.N1	15-JAN-2010 11:46:43	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	41188	No
190	GOM_NL__2PRFIN20100115_114852_000000432086_00052_41188_0257.N1	15-JAN-2010 11:48:52	Dark	42.500	70	Zet Pup	2.2460	39000.	85	41188	No
191	GOM_NL__2PRFIN20100115_115032_000000432086_00052_41188_0258.N1	15-JAN-2010 11:50:32	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	41188	No
192	GOM_NL__2PRFIN20100115_115306_000000422086_00052_41188_0259.N1	15-JAN-2010 11:53:06	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	41188	No
193	GOM_NL__2PRFIN20100115_115431_000000412086_00052_41188_0260.N1	15-JAN-2010 11:54:31	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	41188	No
194	GOM_NL__2PRFIN20100115_115644_000000412086_00052_41188_0261.N1	15-JAN-2010 11:56:44	Straylight	41.000	1	9Alp CMa	-1.4400	11000.	82	41188	No
195	GOM_NL__2PRFIN20100115_120354_000000462086_00052_41188_0262.N1	15-JAN-2010 12:03:54	Twi_and_stray	45.500	14	58Alp Ori	0.87000	3000.0	91	41188	No
196	GOM_NL__2PRFIN20100115_120625_000000452086_00052_41188_0263.N1	15-JAN-2010 12:06:25	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	41188	No
197	GOM_NL__2PRFIN20100115_120751_000000342086_00052_41188_0264.N1	15-JAN-2010 12:07:51	Bright	34.000	176	23Zet Tau	3.0200	22000.	68	41188	No
198	GOM_NL__2PRFIN20100115_121216_000000372086_00052_41188_0265.N1	15-JAN-2010 12:12:16	Bright	37.000	107	37The Aur	2.6490	11000.	74	41188	No
199	GOM_NL__2PRFIN20100115_121428_000000372086_00052_41188_0266.N1	15-JAN-2010 12:14:28	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41188	No
200	GOM_NL__2PRFIN20100115_122701_000000442086_00052_41188_0267.N1	15-JAN-2010 12:27:01	Bright	44.000	49	1Alp UMi	1.9900	6300.0	88	41188	No
201	GOM_NL__2PRFIN20100115_123059_000000402086_00052_41188_0268.N1	15-JAN-2010 12:30:59	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41188	No
202	GOM_NL__2PRFIN20100115_123518_000000392086_00052_41188_0269.N1	15-JAN-2010 12:35:18	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	41188	No
203	GOM_NL__2PRFIN20100115_123752_000000382086_00052_41188_0270.N1	15-JAN-2010 12:37:52	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	41188	No
204	GOM_NL__2PRFIN20100115_124409_000000542086_00052_41188_0271.N1	15-JAN-2010 12:44:09	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	41188	No
205	GOM_NL__2PRFIN20100115_124716_000000422086_00052_41188_0272.N1	15-JAN-2010 12:47:16	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	41188	No
206	GOM_NL__2PRFIN20100115_125247_000000622086_00052_41188_0273.N1	15-JAN-2010 12:52:47	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	41188	No
207	GOM_NL__2PRFIN20100115_125454_000000562086_00052_41188_0274.N1	15-JAN-2010 12:54:54	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41188	No
208	GOM_NL__2PRFIN20100115_125616_000000492086_00052_41188_0275.N1	15-JAN-2010 12:56:16	Bright	49.000	98	13Zet Oph	2.5710	30000.	98	41188	No
209	GOM_NL__2PRFIN20100115_125836_000000452086_00052_41188_0276.N1	15-JAN-2010 12:58:36	Twi_and_stray	45.000	104	27Bet Lib	2.6140	13100.	90	41188	No
210	GOM_NL__2PRFIN20100115_130044_000000472086_00052_41188_0277.N1	15-JAN-2010 13:00:44	Twi_and_stray	46.500	16	21Alp Sco	1.0200	3000.0	93	41188	No
211	GOM_NL__2PRFIN20100115_130559_000000392086_00052_41188_0278.N1	15-JAN-2010 13:05:59	Dark	38.500	131	Gam Lup	2.8000	26000.	77	41188	No
212	GOM_NL__2PRFIN20100115_130744_000000402086_00052_41188_0279.N1	15-JAN-2010 13:07:44	Dark	39.500	109	Bet Lup	2.6770	26000.	79	41188	No
213	GOM_NL__2PRFIN20100115_130914_000000472086_00052_41188_0280.N1	15-JAN-2010 13:09:14	Dark	46.500	78	Alp Lup	2.3040	28000.	93	41188	No
214	GOM_NL__2PRFIN20100115_131150_000000442086_00053_41189_0256.N1	15-JAN-2010 13:11:50	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	41189	No
215	GOM_NL__2PRFIN20100115_131521_000000412086_00053_41189_0257.N1	15-JAN-2010 13:15:21	Dark	41.000	20	Bet Cru	1.2530	30000.	82	41189	No
216	GOM_NL__2PRFIN20100115_131927_000000372086_00053_41189_0258.N1	15-JAN-2010 13:19:27	Dark	36.500	124	The Car	2.7640	30000.	73	41189	No
217	GOM_NL__2PRFIN20100115_132049_000000392086_00053_41189_0259.N1	15-JAN-2010 13:20:49	Dark	38.500	29	Bet Car	1.6720	10200.	77	41189	No
218	GOM_NL__2PRFIN20100115_132245_000000392086_00053_41189_0260.N1	15-JAN-2010 13:22:45	Dark	38.500	71	lot Car	2.2460	7700.0	77	41189	No
219	GOM_NL__2PRFIN20100115_132437_000000402086_00053_41189_0261.N1	15-JAN-2010 13:24:37	Dark	40.000	46	Del Vel	1.9540	10600.	80	41189	No

220	GOM_NL__2PRFIN20100115_132720_000000432086_00053_41189_0262.N1	15-JAN-2010 13:27:20	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	41189	No
221	GOM_NL__2PRFIN20100115_132928_000000432086_00053_41189_0263.N1	15-JAN-2010 13:29:28	Dark	42.500	70	Zet Pup	2.2460	39000.	85	41189	No
222	GOM_NL__2PRFIN20100115_133108_000000462086_00053_41189_0264.N1	15-JAN-2010 13:31:08	Straylight	45.500	117	Pi Pup	2.7060	3800.0	91	41189	No
223	GOM_NL__2PRFIN20100115_133342_000000422086_00053_41189_0265.N1	15-JAN-2010 13:33:42	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	41189	No
224	GOM_NL__2PRFIN20100115_133507_000000412086_00053_41189_0266.N1	15-JAN-2010 13:35:07	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	41189	No
225	GOM_NL__2PRFIN20100115_133720_000000492086_00053_41189_0267.N1	15-JAN-2010 13:37:20	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	41189	No
226	GOM_NL__2PRFIN20100115_134430_000000452086_00053_41189_0268.N1	15-JAN-2010 13:44:30	Twi_and_stray	44.500	14	58Alp Ori	0.87000	3000.0	89	41189	No
227	GOM_NL__2PRFIN20100115_134700_000000452086_00053_41189_0269.N1	15-JAN-2010 13:47:00	Bright	44.500	44	24Gam Gem	1.9280	11000.	89	41189	No
228	GOM_NL__2PRFIN20100115_134827_000000352086_00053_41189_0270.N1	15-JAN-2010 13:48:27	Bright	35.000	176	23Zet Tau	3.0200	22000.	70	41189	No
229	GOM_NL__2PRFIN20100115_135252_000000522086_00053_41189_0271.N1	15-JAN-2010 13:52:52	Bright	52.000	107	37The Aur	2.6490	11000.	104	41189	No
230	GOM_NL__2PRFIN20100115_135503_000000372086_00053_41189_0272.N1	15-JAN-2010 13:55:03	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41189	No
231	GOM_NL__2PRFIN20100115_140737_000000352086_00053_41189_0273.N1	15-JAN-2010 14:07:37	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	41189	No
232	GOM_NL__2PRFIN20100115_141135_000000412086_00053_41189_0274.N1	15-JAN-2010 14:11:35	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	41189	No
233	GOM_NL__2PRFIN20100115_141554_000000422086_00053_41189_0275.N1	15-JAN-2010 14:15:54	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	41189	No
234	GOM_NL__2PRFIN20100115_141829_000000362086_00053_41189_0276.N1	15-JAN-2010 14:18:29	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	41189	No
235	GOM_NL__2PRFIN20100115_142446_000000542086_00053_41189_0277.N1	15-JAN-2010 14:24:46	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	41189	No
236	GOM_NL__2PRFIN20100115_142752_000000552086_00053_41189_0278.N1	15-JAN-2010 14:27:52	Bright	55.000	127	27Bet Her	2.7810	4700.0	110	41189	No
237	GOM_NL__2PRFIN20100115_143323_000000622086_00053_41189_0279.N1	15-JAN-2010 14:33:23	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	41189	No
238	GOM_NL__2PRFIN20100115_143531_000000562086_00053_41189_0280.N1	15-JAN-2010 14:35:31	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41189	No
239	GOM_NL__2PRFIN20100115_143652_000000492086_00053_41189_0281.N1	15-JAN-2010 14:36:52	Bright	49.000	98	13Zet Oph	2.5710	30000.	98	41189	No
240	GOM_NL__2PRFIN20100115_143912_000000452086_00053_41189_0282.N1	15-JAN-2010 14:39:12	Twi_and_stray	45.000	104	27Bet Lib	2.6140	13100.	90	41189	No
241	GOM_NL__2PRFIN20100115_144120_000000472086_00053_41189_0283.N1	15-JAN-2010 14:41:20	Twi_and_stray	46.500	16	21Alp Sco	1.0200	3000.0	93	41189	No
242	GOM_NL__2PRFIN20100115_144635_000000402086_00053_41189_0284.N1	15-JAN-2010 14:46:35	Dark	39.500	131	Gam Lup	2.8000	26000.	79	41189	No
243	GOM_NL__2PRFIN20100115_144820_000000422086_00053_41189_0285.N1	15-JAN-2010 14:48:20	Dark	41.500	109	Bet Lup	2.6770	26000.	83	41189	No
244	GOM_NL__2PRFIN20100115_144951_000000402086_00053_41189_0286.N1	15-JAN-2010 14:49:51	Dark	40.000	78	Alp Lup	2.3040	28000.	80	41189	No
245	GOM_NL__2PRFIN20100115_145226_000000442086_00054_41190_0267.N1	15-JAN-2010 14:52:26	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	41190	No
246	GOM_NL__2PRFIN20100115_145557_000000422086_00054_41190_0268.N1	15-JAN-2010 14:55:57	Dark	41.500	20	Bet Cru	1.2530	30000.	83	41190	No
247	GOM_NL__2PRFIN20100115_150004_000000402086_00054_41190_0269.N1	15-JAN-2010 15:00:04	Dark	39.500	124	The Car	2.7640	30000.	79	41190	No
248	GOM_NL__2PRFIN20100115_150125_000000422086_00054_41190_0270.N1	15-JAN-2010 15:01:25	Dark	42.000	29	Bet Car	1.6720	10200.	84	41190	No
249	GOM_NL__2PRFIN20100115_150321_000000472086_00054_41190_0271.N1	15-JAN-2010 15:03:21	Dark	47.000	71	lot Car	2.2460	7700.0	94	41190	No
250	GOM_NL__2PRFIN20100115_150513_000000442086_00054_41190_0272.N1	15-JAN-2010 15:05:13	Dark	44.000	46	Del Vel	1.9540	10600.	88	41190	No
251	GOM_NL__2PRFIN20100115_150756_000000412086_00054_41190_0273.N1	15-JAN-2010 15:07:56	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	41190	No
252	GOM_NL__2PRFIN20100115_151004_000000442086_00054_41190_0274.N1	15-JAN-2010 15:10:04	Dark	43.500	70	Zet Pup	2.2460	39000.	87	41190	No
253	GOM_NL__2PRFIN20100115_151144_000000442086_00054_41190_0275.N1	15-JAN-2010 15:11:44	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	41190	No
254	GOM_NL__2PRFIN20100115_151418_000000442086_00054_41190_0276.N1	15-JAN-2010 15:14:18	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	41190	No
255	GOM_NL__2PRFIN20100115_151543_000000422086_00054_41190_0277.N1	15-JAN-2010 15:15:43	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	41190	No
256	GOM_NL__2PRFIN20100115_151756_000000452086_00054_41190_0278.N1	15-JAN-2010 15:17:56	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	41190	No
257	GOM_NL__2PRFIN20100115_152507_000000462086_00054_41190_0279.N1	15-JAN-2010 15:25:07	Twi_and_stray	46.000	14	58Alp Ori	0.87000	3000.0	92	41190	No
258	GOM_NL__2PRFIN20100115_152736_000000452086_00054_41190_0280.N1	15-JAN-2010 15:27:36	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	41190	No
259	GOM_NL__2PRFIN20100115_152903_000000382086_00054_41190_0281.N1	15-JAN-2010 15:29:03	Bright	38.000	176	23Zet Tau	3.0200	22000.	76	41190	No
260	GOM_NL__2PRFIN20100115_153328_000000372086_00054_41190_0282.N1	15-JAN-2010 15:33:28	Bright	37.000	107	37The Aur	2.6490	11000.	74	41190	No
261	GOM_NL__2PRFIN20100115_153539_000000362086_00054_41190_0283.N1	15-JAN-2010 15:35:39	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	41190	No
262	GOM_NL__2PRFIN20100115_154813_000000362086_00054_41190_0284.N1	15-JAN-2010 15:48:13	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	41190	No
263	GOM_NL__2PRFIN20100115_155210_000000392086_00054_41190_0285.N1	15-JAN-2010 15:52:10	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	41190	No
264	GOM_NL__2PRFIN20100115_155630_000000382086_00054_41190_0286.N1	15-JAN-2010 15:56:30	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	41190	No
265	GOM_NL__2PRFIN20100115_155905_000000332086_00054_41190_0287.N1	15-JAN-2010 15:59:05	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	41190	No
266	GOM_NL__2PRFIN20100115_160522_000000362086_00054_41190_0288.N1	15-JAN-2010 16:05:22	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	41190	No
267	GOM_NL__2PRFIN20100115_160828_000000382086_00054_41190_0289.N1	15-JAN-2010 16:08:28	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	41190	No
268	GOM_NL__2PRFIN20100115_161359_000000622086_00054_41190_0290.N1	15-JAN-2010 16:13:59	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	41190	No
269	GOM_NL__2PRFIN20100115_161607_000000422086_00054_41190_0291.N1	15-JAN-2010 16:16:07	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	41190	No
270	GOM_NL__2PRFIN20100115_161728_000000512086_00054_41190_0292.N1	15-JAN-2010 16:17:28	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	41190	No
271	GOM_NL__2PRFIN20100115_161949_000000352086_00054_41190_0293.N1	15-JAN-2010 16:19:49	Twi_and_stray	35.000	104	27Bet Lib	2.6140	13100.	70	41190	No
272	GOM_NL__2PRFIN20100115_162156_000000472086_00054_41190_0294.N1	15-JAN-2010 16:21:56	Twi_and_stray	46.500	16	21Alp Sco	1.0200	3000.0	93	41190	No
273	GOM_NL__2PRFIN20100115_162857_000000392086_00054_41190_0295.N1	15-JAN-2010 16:28:57	Dark	38.500	109	Bet Lup	2.6770	26000.	77	41190	No
274	GOM_NL__2PRFIN20100115_163028_000000392086_00054_41190_0296.N1	15-JAN-2010 16:30:28	Dark	39.000	78	Alp Lup	2.3040	28000.	78	41190	No
275	GOM_NL__2PRFIN20100115_163302_000000542086_00055_41191_0276.N1	15-JAN-2010 16:33:02	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	41191	No
276	GOM_NL__2PRFIN20100115_163634_000000462086_00055_41191_0277.N1	15-JAN-2010 16:36:34	Dark	45.500	20	Bet Cru	1.2530	30000.	91	41191	No
277	GOM_NL__2PRFIN20100115_164040_000000392086_00055_41191_0278.N1	15-JAN-2010 16:40:40	Dark	39.000	124	The Car	2.7640	30000.	78	41191	No
278	GOM_NL__2PRFIN20100115_164202_000000422086_00055_41191_0279.N1	15-JAN-2010 16:42:02	Dark	41.500	29	Bet Car	1.6720	10200.	83	41191	No

279	GOM_NL__2PRFIN20100115_164357_000000432086_00055_41191_0280.N1	15-JAN-2010 16:43:57	Dark	43.000	71	lot Car	2.2460	7700.0	86	41191	No
280	GOM_NL__2PRFIN20100115_164549_000000412086_00055_41191_0281.N1	15-JAN-2010 16:45:49	Dark	40.500	46	Del Vel	1.9540	10600.	81	41191	No
281	GOM_NL__2PRFIN20100115_164832_000000442086_00055_41191_0282.N1	15-JAN-2010 16:48:32	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	41191	No
282	GOM_NL__2PRFIN20100115_165040_000000462086_00055_41191_0283.N1	15-JAN-2010 16:50:40	Dark	45.500	70	Zet Pup	2.2460	39000.	91	41191	No
283	GOM_NL__2PRFIN20100115_165221_000000452086_00055_41191_0284.N1	15-JAN-2010 16:52:21	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	41191	No
284	GOM_NL__2PRFIN20100115_165454_000000432086_00055_41191_0285.N1	15-JAN-2010 16:54:54	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	41191	No
285	GOM_NL__2PRFIN20100115_165619_000000412086_00055_41191_0286.N1	15-JAN-2010 16:56:19	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	41191	No
286	GOM_NL__2PRFIN20100115_165833_000000462086_00055_41191_0287.N1	15-JAN-2010 16:58:33	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	41191	No
287	GOM_NL__2PRFIN20100115_170543_000000522086_00055_41191_0288.N1	15-JAN-2010 17:05:43	Tw_i_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	41191	No
288	GOM_NL__2PRFIN20100115_170812_000000482086_00055_41191_0289.N1	15-JAN-2010 17:08:12	Bright	48.000	44	24Gam Gem	1.9280	11000.	96	41191	No
289	GOM_NL__2PRFIN20100115_170939_000000382086_00055_41191_0290.N1	15-JAN-2010 17:09:39	Bright	38.000	176	23Zet Tau	3.0200	22000.	76	41191	No
290	GOM_NL__2PRFIN20100115_171404_000000372086_00055_41191_0291.N1	15-JAN-2010 17:14:04	Bright	37.000	107	37The Aur	2.6490	11000.	74	41191	No
291	GOM_NL__2PRFIN20100115_171615_000000402086_00055_41191_0292.N1	15-JAN-2010 17:16:15	Bright	40.000	42	34Bet Aur	1.9000	10200.	80	41191	No
292	GOM_NL__2PRFIN20100115_172849_000000522086_00055_41191_0293.N1	15-JAN-2010 17:28:49	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	41191	No
293	GOM_NL__2PRFIN20100115_173246_000000432086_00055_41191_0294.N1	15-JAN-2010 17:32:46	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41191	No
294	GOM_NL__2PRFIN20100115_173706_000000342086_00055_41191_0295.N1	15-JAN-2010 17:37:06	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	41191	No
295	GOM_NL__2PRFIN20100115_173941_000000332086_00055_41191_0296.N1	15-JAN-2010 17:39:41	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	41191	No
296	GOM_NL__2PRFIN20100115_174558_000000372086_00055_41191_0297.N1	15-JAN-2010 17:45:58	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	41191	No
297	GOM_NL__2PRFIN20100115_174904_000000372086_00055_41191_0298.N1	15-JAN-2010 17:49:04	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	41191	No
298	GOM_NL__2PRFIN20100115_175436_000000622086_00055_41191_0299.N1	15-JAN-2010 17:54:36	Bright	62.000	102	24Alp Ser	2.6000	4250.0	124	41191	No
299	GOM_NL__2PRFIN20100115_175644_000000422086_00055_41191_0300.N1	15-JAN-2010 17:56:44	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	41191	No
300	GOM_NL__2PRFIN20100115_175805_000000512086_00055_41191_0301.N1	15-JAN-2010 17:58:05	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	41191	No
301	GOM_NL__2PRFIN20100115_180026_000000352086_00055_41191_0302.N1	15-JAN-2010 18:00:26	Tw_i_and_stray	35.000	104	27Bet Lib	2.6140	13100.	70	41191	No
302	GOM_NL__2PRFIN20100115_180232_000000532086_00055_41191_0303.N1	15-JAN-2010 18:02:32	Tw_i_and_stray	53.000	16	21Alp Sco	1.0200	3000.0	106	41191	No
303	GOM_NL__2PRFIN20100115_180748_000000412086_00055_41191_0304.N1	15-JAN-2010 18:07:48	Dark	40.500	131	Gam Lup	2.8000	26000.	81	41191	No
304	GOM_NL__2PRFIN20100115_180934_000000412086_00055_41191_0305.N1	15-JAN-2010 18:09:34	Dark	41.000	109	Bet Lup	2.6770	26000.	82	41191	No
305	GOM_NL__2PRFIN20100115_181104_000000422086_00055_41191_0306.N1	15-JAN-2010 18:11:04	Dark	41.500	78	Alp Lup	2.3040	28000.	83	41191	No
306	GOM_NL__2PRFIN20100115_181339_000000412086_00056_41192_0285.N1	15-JAN-2010 18:13:39	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	41192	No
307	GOM_NL__2PRFIN20100115_181711_000000412086_00056_41192_0286.N1	15-JAN-2010 18:17:11	Dark	41.000	20	Bet Cru	1.2530	30000.	82	41192	No
308	GOM_NL__2PRFIN20100115_182117_000000392086_00056_41192_0287.N1	15-JAN-2010 18:21:17	Dark	38.500	124	The Car	2.7640	30000.	77	41192	No
309	GOM_NL__2PRFIN20100115_182238_000000402086_00056_41192_0288.N1	15-JAN-2010 18:22:38	Dark	40.000	29	Bet Car	1.6720	10200.	80	41192	No
310	GOM_NL__2PRFIN20100115_182434_000000412086_00056_41192_0289.N1	15-JAN-2010 18:24:34	Dark	40.500	71	lot Car	2.2460	7700.0	81	41192	No
311	GOM_NL__2PRFIN20100115_182626_000000442086_00056_41192_0290.N1	15-JAN-2010 18:26:26	Dark	43.500	46	Del Vel	1.9540	10600.	87	41192	No
312	GOM_NL__2PRFIN20100115_182909_000000432086_00056_41192_0291.N1	15-JAN-2010 18:29:09	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	41192	No
313	GOM_NL__2PRFIN20100115_183117_000000442086_00056_41192_0292.N1	15-JAN-2010 18:31:17	Dark	44.000	70	Zet Pup	2.2460	39000.	88	41192	No
314	GOM_NL__2PRFIN20100115_183257_000000452086_00056_41192_0293.N1	15-JAN-2010 18:32:57	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	41192	No
315	GOM_NL__2PRFIN20100115_183530_000000432086_00056_41192_0294.N1	15-JAN-2010 18:35:30	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	41192	No
316	GOM_NL__2PRFIN20100115_183655_000000382086_00056_41192_0295.N1	15-JAN-2010 18:36:55	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	41192	No
317	GOM_NL__2PRFIN20100115_183909_000000372086_00056_41192_0296.N1	15-JAN-2010 18:39:09	Straylight	36.500	1	9Alp CMa	-1.4400	11000.	73	41192	No
318	GOM_NL__2PRFIN20100115_184619_000000482086_00056_41192_0297.N1	15-JAN-2010 18:46:19	Tw_i_and_stray	48.000	14	58Alp Ori	0.87000	3000.0	96	41192	No
319	GOM_NL__2PRFIN20100115_184848_000000532086_00056_41192_0298.N1	15-JAN-2010 18:48:48	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	41192	No
320	GOM_NL__2PRFIN20100115_185016_000000382086_00056_41192_0299.N1	15-JAN-2010 18:50:16	Bright	38.000	176	23Zet Tau	3.0200	22000.	76	41192	No
321	GOM_NL__2PRFIN20100115_185440_000000372086_00056_41192_0300.N1	15-JAN-2010 18:54:40	Bright	36.500	107	37The Aur	2.6490	11000.	73	41192	No
322	GOM_NL__2PRFIN20100115_185651_000000392086_00056_41192_0301.N1	15-JAN-2010 18:56:51	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	41192	No
323	GOM_NL__2PRFIN20100115_191322_000000382086_00056_41192_0302.N1	15-JAN-2010 19:13:22	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	41192	No
324	GOM_NL__2PRFIN20100115_191742_000000402086_00056_41192_0303.N1	15-JAN-2010 19:17:42	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	41192	No
325	GOM_NL__2PRFIN20100115_192017_000000372086_00056_41192_0304.N1	15-JAN-2010 19:20:17	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	41192	No
326	GOM_NL__2PRFIN20100115_192634_000000402086_00056_41192_0305.N1	15-JAN-2010 19:26:34	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	41192	No
327	GOM_NL__2PRFIN20100115_192940_000000362086_00056_41192_0306.N1	15-JAN-2010 19:29:40	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	41192	No
328	GOM_NL__2PRFIN20100115_193512_000000442086_00056_41192_0307.N1	15-JAN-2010 19:35:12	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	41192	No
329	GOM_NL__2PRFIN20100115_193720_000000562086_00056_41192_0308.N1	15-JAN-2010 19:37:20	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41192	No
330	GOM_NL__2PRFIN20100115_193841_000000532086_00056_41192_0309.N1	15-JAN-2010 19:38:41	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41192	No
331	GOM_NL__2PRFIN20100115_194103_000000262086_00056_41192_0310.N1	15-JAN-2010 19:41:03	Tw_i_and_stray	26.000	104	27Bet Lib	2.6140	13100.	52	41192	No
332	GOM_NL__2PRFIN20100115_194309_000000442086_00056_41192_0311.N1	15-JAN-2010 19:43:09	Tw_i_and_stray	43.500	16	21Alp Sco	1.0200	3000.0	87	41192	No
333	GOM_NL__2PRFIN20100115_194824_000000412086_00056_41192_0312.N1	15-JAN-2010 19:48:24	Dark	40.500	131	Gam Lup	2.8000	26000.	81	41192	No
334	GOM_NL__2PRFIN20100115_195010_000000412086_00056_41192_0313.N1	15-JAN-2010 19:50:10	Dark	41.000	109	Bet Lup	2.6770	26000.	82	41192	No
335	GOM_NL__2PRFIN20100115_195141_000000432086_00056_41192_0314.N1	15-JAN-2010 19:51:41	Dark	42.500	78	Alp Lup	2.3040	28000.	85	41192	No
336	GOM_NL__2PRFIN20100115_195415_000000412086_00057_41193_0294.N1	15-JAN-2010 19:54:15	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	41193	No
337	GOM_NL__2PRFIN20100115_195747_000000442086_00057_41193_0295.N1	15-JAN-2010 19:57:47	Dark	44.000	20	Bet Cru	1.2530	30000.	88	41193	No

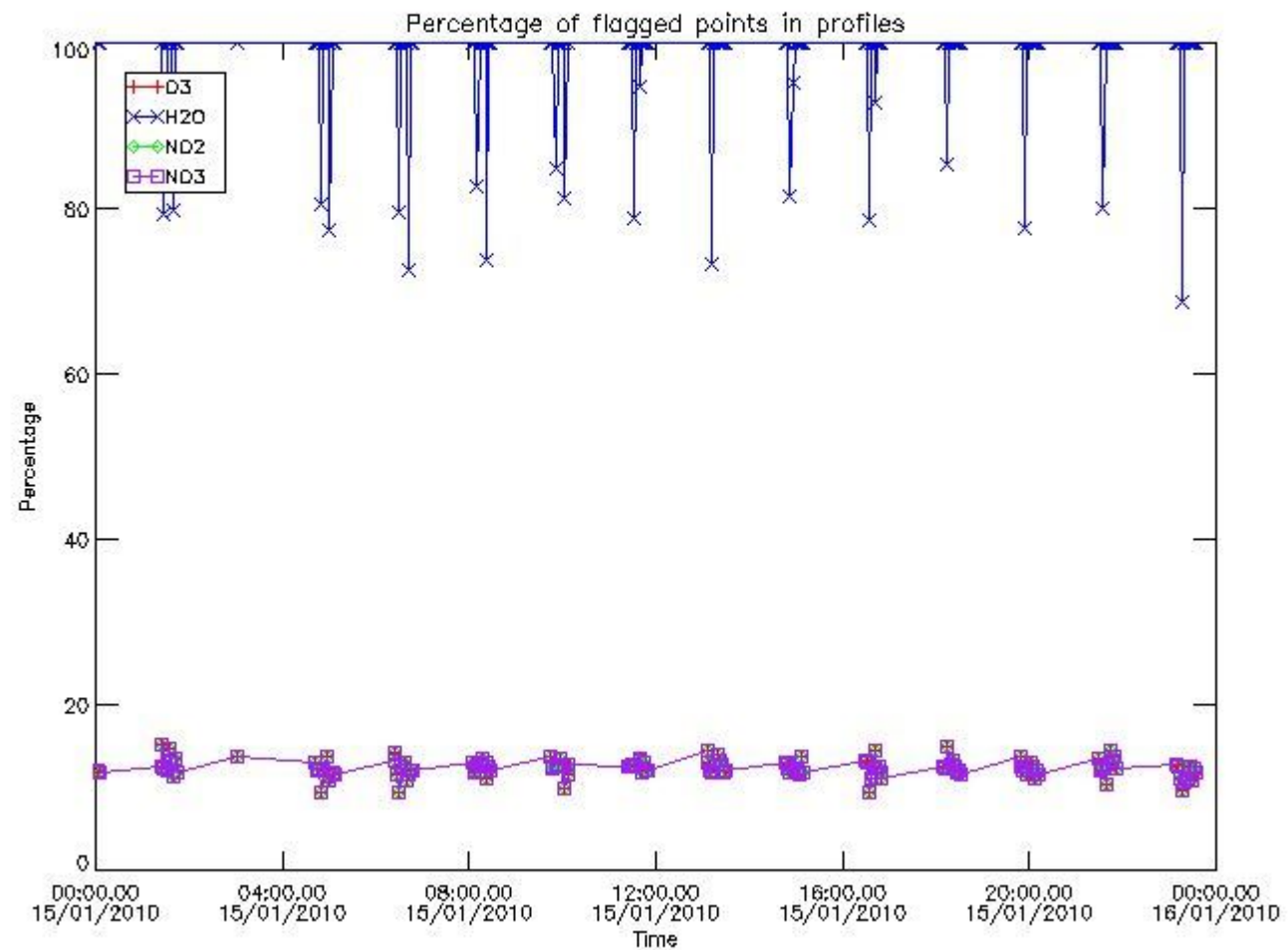
338	GOM_NL__2PRFIN20100115_200153_000000392086_00057_41193_0296.N1	15-JAN-2010 20:01:53	Dark	39.000	124	The Car	2.7640	30000.	78	41193	No
339	GOM_NL__2PRFIN20100115_200314_000000432086_00057_41193_0297.N1	15-JAN-2010 20:03:14	Dark	42.500	29	Bet Car	1.6720	10200.	85	41193	No
340	GOM_NL__2PRFIN20100115_200510_000000412086_00057_41193_0298.N1	15-JAN-2010 20:05:10	Dark	40.500	71	lot Car	2.2460	7700.0	81	41193	No
341	GOM_NL__2PRFIN20100115_200702_000000462086_00057_41193_0299.N1	15-JAN-2010 20:07:02	Dark	45.500	46	Del Vel	1.9540	10600.	91	41193	No
342	GOM_NL__2PRFIN20100115_200945_000000422086_00057_41193_0300.N1	15-JAN-2010 20:09:45	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	41193	No
343	GOM_NL__2PRFIN20100115_201153_000000442086_00057_41193_0301.N1	15-JAN-2010 20:11:53	Dark	44.000	70	Zet Pup	2.2460	39000.	88	41193	No
344	GOM_NL__2PRFIN20100115_201333_000000452086_00057_41193_0302.N1	15-JAN-2010 20:13:33	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	41193	No
345	GOM_NL__2PRFIN20100115_201606_000000432086_00057_41193_0303.N1	15-JAN-2010 20:16:06	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	41193	No
346	GOM_NL__2PRFIN20100115_201731_000000412086_00057_41193_0304.N1	15-JAN-2010 20:17:31	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	41193	No
347	GOM_NL__2PRFIN20100115_201945_000000362086_00057_41193_0305.N1	15-JAN-2010 20:19:45	Straylight	35.500	1	9Alp CMa	-1.4400	11000.	71	41193	No
348	GOM_NL__2PRFIN20100115_202655_000000522086_00057_41193_0306.N1	15-JAN-2010 20:26:55	Tw_i_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	41193	No
349	GOM_NL__2PRFIN20100115_202924_000000532086_00057_41193_0307.N1	15-JAN-2010 20:29:24	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	41193	No
350	GOM_NL__2PRFIN20100115_203052_000000372086_00057_41193_0308.N1	15-JAN-2010 20:30:52	Bright	36.500	176	23Zet Tau	3.0200	22000.	73	41193	No
351	GOM_NL__2PRFIN20100115_203516_000000352086_00057_41193_0309.N1	15-JAN-2010 20:35:16	Bright	35.000	107	37The Aur	2.6490	11000.	70	41193	No
352	GOM_NL__2PRFIN20100115_203727_000000372086_00057_41193_0310.N1	15-JAN-2010 20:37:27	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41193	No
353	GOM_NL__2PRFIN20100115_205001_000000372086_00057_41193_0311.N1	15-JAN-2010 20:50:01	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	41193	No
354	GOM_NL__2PRFIN20100115_205358_000000402086_00057_41193_0312.N1	15-JAN-2010 20:53:58	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41193	No
355	GOM_NL__2PRFIN20100115_205817_000000392086_00057_41193_0313.N1	15-JAN-2010 20:58:17	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	41193	No
356	GOM_NL__2PRFIN20100115_210053_000000332086_00057_41193_0314.N1	15-JAN-2010 21:00:53	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	41193	No
357	GOM_NL__2PRFIN20100115_210710_000000542086_00057_41193_0315.N1	15-JAN-2010 21:07:10	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	41193	No
358	GOM_NL__2PRFIN20100115_211017_000000422086_00057_41193_0316.N1	15-JAN-2010 21:10:17	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	41193	No
359	GOM_NL__2PRFIN20100115_211549_000000442086_00057_41193_0317.N1	15-JAN-2010 21:15:49	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	41193	No
360	GOM_NL__2PRFIN20100115_211756_000000412086_00057_41193_0318.N1	15-JAN-2010 21:17:56	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	41193	No
361	GOM_NL__2PRFIN20100115_211918_000000352086_00057_41193_0319.N1	15-JAN-2010 21:19:18	Bright	34.500	98	13Zet Oph	2.5710	30000.	69	41193	No
362	GOM_NL__2PRFIN20100115_212139_000000262086_00057_41193_0320.N1	15-JAN-2010 21:21:39	Tw_i_and_stray	26.000	104	27Bet Lib	2.6140	13100.	52	41193	No
363	GOM_NL__2PRFIN20100115_212345_000000502086_00057_41193_0321.N1	15-JAN-2010 21:23:45	Tw_i_and_stray	49.500	16	21Alp Sco	1.0200	3000.0	99	41193	No
364	GOM_NL__2PRFIN20100115_212901_000000382086_00057_41193_0322.N1	15-JAN-2010 21:29:01	Dark	38.000	131	Gam Lup	2.8000	26000.	76	41193	No
365	GOM_NL__2PRFIN20100115_213047_000000422086_00057_41193_0323.N1	15-JAN-2010 21:30:47	Dark	41.500	109	Bet Lup	2.6770	26000.	83	41193	No
366	GOM_NL__2PRFIN20100115_213217_000000422086_00057_41193_0324.N1	15-JAN-2010 21:32:17	Dark	42.000	78	Alp Lup	2.3040	28000.	84	41193	No
367	GOM_NL__2PRFIN20100115_213451_000000412086_00058_41194_0303.N1	15-JAN-2010 21:34:51	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	41194	No
368	GOM_NL__2PRFIN20100115_213824_000000502086_00058_41194_0304.N1	15-JAN-2010 21:38:24	Dark	49.500	20	Bet Cru	1.2530	30000.	99	41194	No
369	GOM_NL__2PRFIN20100115_214229_000000402086_00058_41194_0305.N1	15-JAN-2010 21:42:29	Dark	40.000	124	The Car	2.7640	30000.	80	41194	No
370	GOM_NL__2PRFIN20100115_214350_000000392086_00058_41194_0306.N1	15-JAN-2010 21:43:50	Dark	39.000	29	Bet Car	1.6720	10200.	78	41194	No
371	GOM_NL__2PRFIN20100115_214547_000000392086_00058_41194_0307.N1	15-JAN-2010 21:45:47	Dark	39.000	71	lot Car	2.2460	7700.0	78	41194	No
372	GOM_NL__2PRFIN20100115_214738_000000422086_00058_41194_0308.N1	15-JAN-2010 21:47:38	Dark	42.000	46	Del Vel	1.9540	10600.	84	41194	No
373	GOM_NL__2PRFIN20100115_215021_000000412086_00058_41194_0309.N1	15-JAN-2010 21:50:21	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	41194	No
374	GOM_NL__2PRFIN20100115_215229_000000422086_00058_41194_0310.N1	15-JAN-2010 21:52:29	Dark	41.500	70	Zet Pup	2.2460	39000.	83	41194	No
375	GOM_NL__2PRFIN20100115_215409_000000432086_00058_41194_0311.N1	15-JAN-2010 21:54:09	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	41194	No
376	GOM_NL__2PRFIN20100115_215642_000000432086_00058_41194_0312.N1	15-JAN-2010 21:56:42	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	41194	No
377	GOM_NL__2PRFIN20100115_215808_000000412086_00058_41194_0313.N1	15-JAN-2010 21:58:08	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	41194	No
378	GOM_NL__2PRFIN20100115_220021_000000442086_00058_41194_0314.N1	15-JAN-2010 22:00:21	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	41194	No
379	GOM_NL__2PRFIN20100115_220731_000000522086_00058_41194_0315.N1	15-JAN-2010 22:07:31	Tw_i_and_stray	51.500	14	58Alp Ori	0.87000	3000.0	103	41194	No
380	GOM_NL__2PRFIN20100115_221000_000000542086_00058_41194_0316.N1	15-JAN-2010 22:10:00	Bright	54.000	44	24Gam Gem	1.9280	11000.	108	41194	No
381	GOM_NL__2PRFIN20100115_221128_000000402086_00058_41194_0317.N1	15-JAN-2010 22:11:28	Bright	39.500	176	23Zet Tau	3.0200	22000.	79	41194	No
382	GOM_NL__2PRFIN20100115_221552_000000452086_00058_41194_0318.N1	15-JAN-2010 22:15:52	Bright	44.500	107	37The Aur	2.6490	11000.	89	41194	No
383	GOM_NL__2PRFIN20100115_221803_000000372086_00058_41194_0319.N1	15-JAN-2010 22:18:03	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41194	No
384	GOM_NL__2PRFIN20100115_223036_000000342086_00058_41194_0320.N1	15-JAN-2010 22:30:36	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	41194	No
385	GOM_NL__2PRFIN20100115_223433_000000372086_00058_41194_0321.N1	15-JAN-2010 22:34:33	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	41194	No
386	GOM_NL__2PRFIN20100115_223853_000000392086_00058_41194_0322.N1	15-JAN-2010 22:38:53	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	41194	No
387	GOM_NL__2PRFIN20100115_224129_000000522086_00058_41194_0323.N1	15-JAN-2010 22:41:29	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	41194	No
388	GOM_NL__2PRFIN20100115_224746_000000542086_00058_41194_0324.N1	15-JAN-2010 22:47:46	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	41194	No
389	GOM_NL__2PRFIN20100115_225053_000000372086_00058_41194_0325.N1	15-JAN-2010 22:50:53	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	41194	No
390	GOM_NL__2PRFIN20100115_225625_000000542086_00058_41194_0326.N1	15-JAN-2010 22:56:25	Bright	54.000	102	24Alp Ser	2.6000	4250.0	108	41194	No
391	GOM_NL__2PRFIN20100115_225833_000000412086_00058_41194_0327.N1	15-JAN-2010 22:58:33	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	41194	No
392	GOM_NL__2PRFIN20100115_225954_000000542086_00058_41194_0328.N1	15-JAN-2010 22:59:54	Bright	54.000	98	13Zet Oph	2.5710	30000.	108	41194	No
393	GOM_NL__2PRFIN20100115_230421_000000532086_00058_41194_0329.N1	15-JAN-2010 23:04:21	Tw_i_and_stray	53.000	16	21Alp Sco	1.0200	3000.0	106	41194	No
394	GOM_NL__2PRFIN20100115_230938_000000402086_00058_41194_0330.N1	15-JAN-2010 23:09:38	Dark	40.000	131	Gam Lup	2.8000	26000.	80	41194	No
395	GOM_NL__2PRFIN20100115_231123_000000412086_00058_41194_0331.N1	15-JAN-2010 23:11:23	Dark	41.000	109	Bet Lup	2.6770	26000.	82	41194	No
396	GOM_NL__2PRFIN20100115_231254_000000462086_00058_41194_0332.N1	15-JAN-2010 23:12:54	Dark	45.500	78	Alp Lup	2.3040	28000.	91	41194	No

397	GOM_NL__2PRFIN20100115_231528_000000532086_00059_41195_0313.N1	15-JAN-2010 23:15:28	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	41195	No
398	GOM_NL__2PRFIN20100115_231900_000000492086_00059_41195_0314.N1	15-JAN-2010 23:19:00	Dark	48.500	20	Bet Cru	1.2530	30000.	97	41195	No
399	GOM_NL__2PRFIN20100115_232306_000000412086_00059_41195_0315.N1	15-JAN-2010 23:23:06	Dark	41.000	124	The Car	2.7640	30000.	82	41195	No
400	GOM_NL__2PRFIN20100115_232427_000000482086_00059_41195_0316.N1	15-JAN-2010 23:24:27	Dark	47.500	29	Bet Car	1.6720	10200.	95	41195	No
401	GOM_NL__2PRFIN20100115_232623_000000412086_00059_41195_0317.N1	15-JAN-2010 23:26:23	Dark	41.000	71	lot Car	2.2460	7700.0	82	41195	No
402	GOM_NL__2PRFIN20100115_232815_000000472086_00059_41195_0318.N1	15-JAN-2010 23:28:15	Dark	47.000	46	Del Vel	1.9540	10600.	94	41195	No
403	GOM_NL__2PRFIN20100115_233057_000000422086_00059_41195_0319.N1	15-JAN-2010 23:30:57	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	41195	No
404	GOM_NL__2PRFIN20100115_233306_000000442086_00059_41195_0320.N1	15-JAN-2010 23:33:06	Dark	43.500	70	Zet Pup	2.2460	39000.	87	41195	No
405	GOM_NL__2PRFIN20100115_233445_000000442086_00059_41195_0321.N1	15-JAN-2010 23:34:45	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	41195	No
406	GOM_NL__2PRFIN20100115_233718_000000432086_00059_41195_0322.N1	15-JAN-2010 23:37:18	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	41195	No
407	GOM_NL__2PRFIN20100115_233843_000000412086_00059_41195_0323.N1	15-JAN-2010 23:38:43	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	41195	No
408	GOM_NL__2PRFIN20100115_234057_000000452086_00059_41195_0324.N1	15-JAN-2010 23:40:57	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	41195	No
409	GOM_NL__2PRFIN20100115_234807_000000522086_00059_41195_0325.N1	15-JAN-2010 23:48:07	Tw_i_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	41195	No
410	GOM_NL__2PRFIN20100115_235036_000000512086_00059_41195_0326.N1	15-JAN-2010 23:50:36	Bright	51.000	44	24Gam Gem	1.9280	11000.	102	41195	No
411	GOM_NL__2PRFIN20100115_235204_000000372086_00059_41195_0327.N1	15-JAN-2010 23:52:04	Bright	36.500	176	23Zet Tau	3.0200	22000.	73	41195	No
412	GOM_NL__2PRFIN20100115_235628_000000362086_00059_41195_0328.N1	15-JAN-2010 23:56:28	Bright	36.000	107	37The Aur	2.6490	11000.	72	41195	No
413	GOM_NL__2PRFIN20100115_235839_000000372086_00059_41195_0329.N1	15-JAN-2010 23:58:39	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41195	No

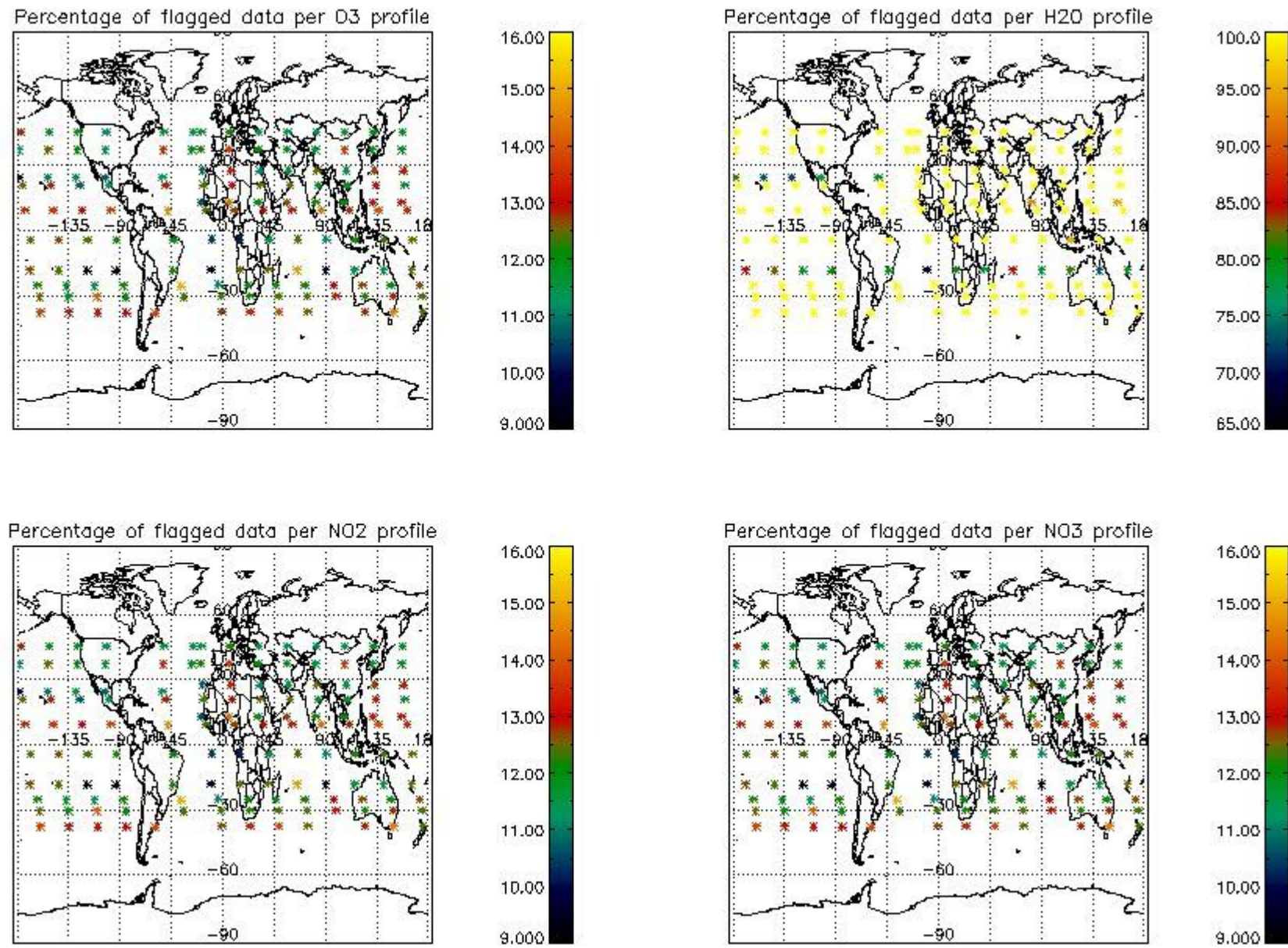
3. Quality information per product

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)

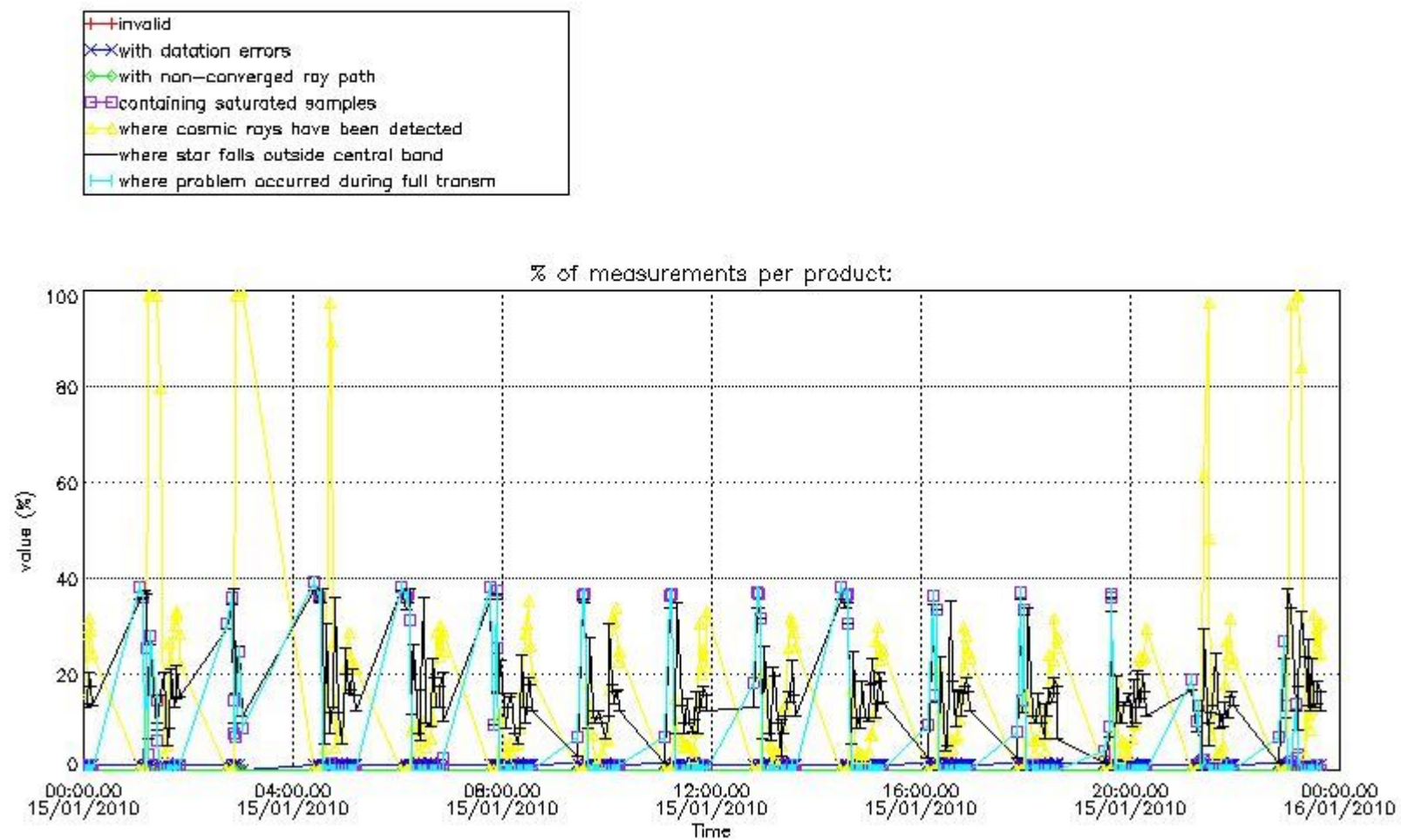


4. Level 1 quality information per product

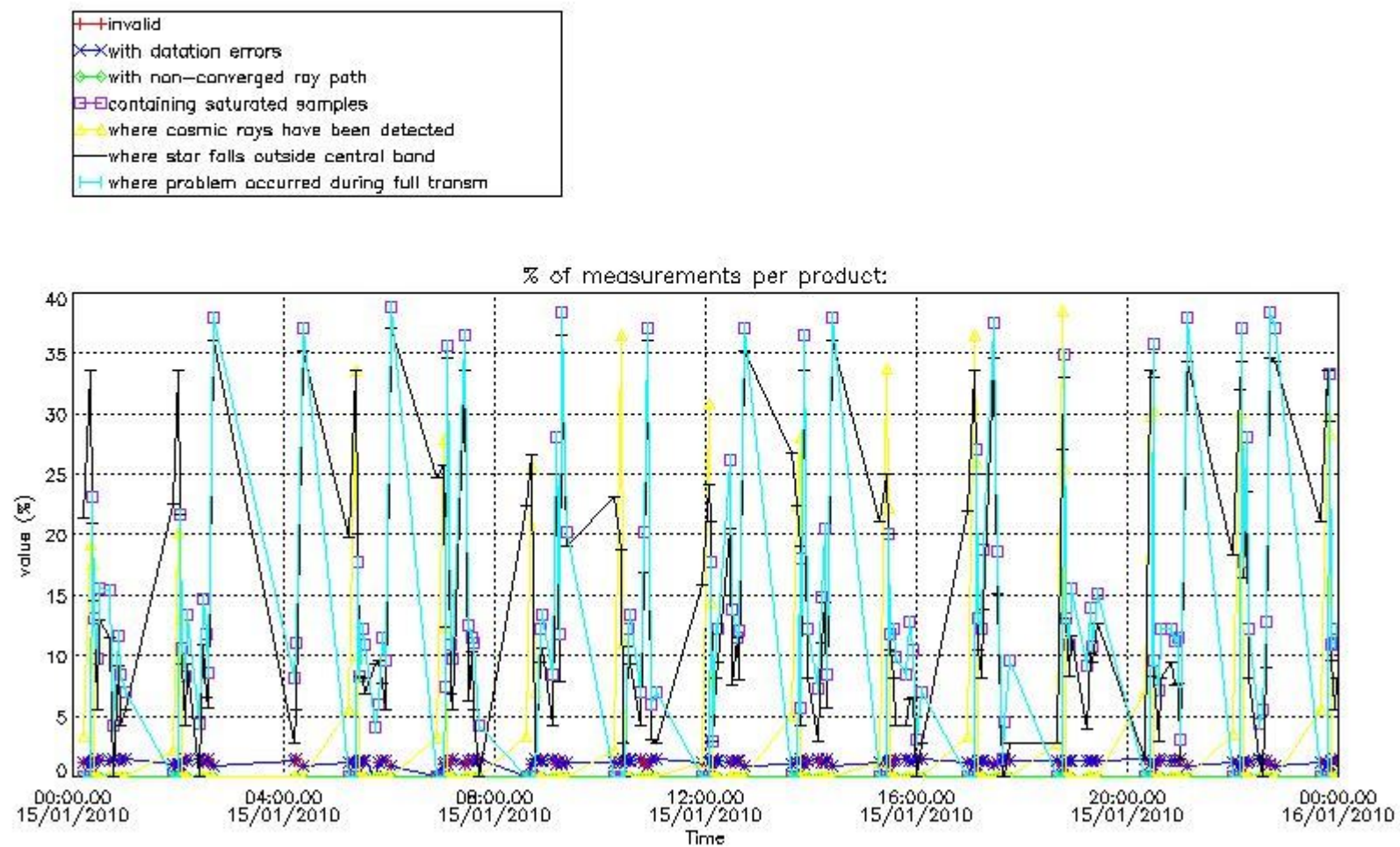
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

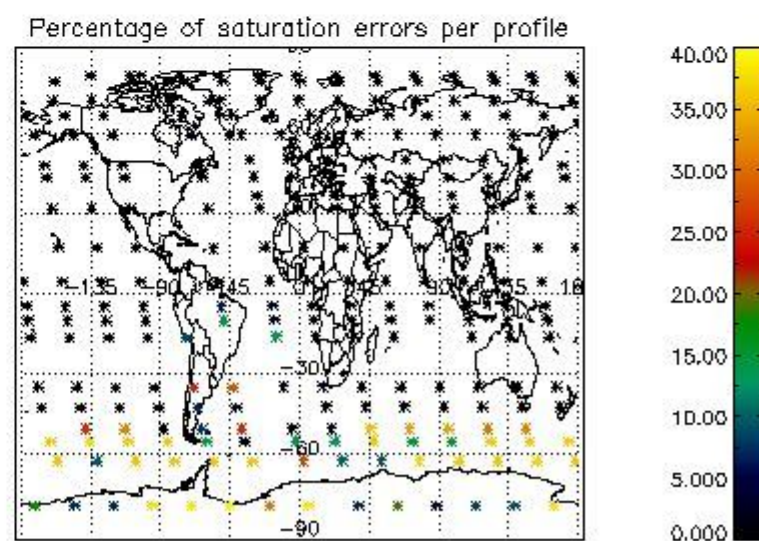
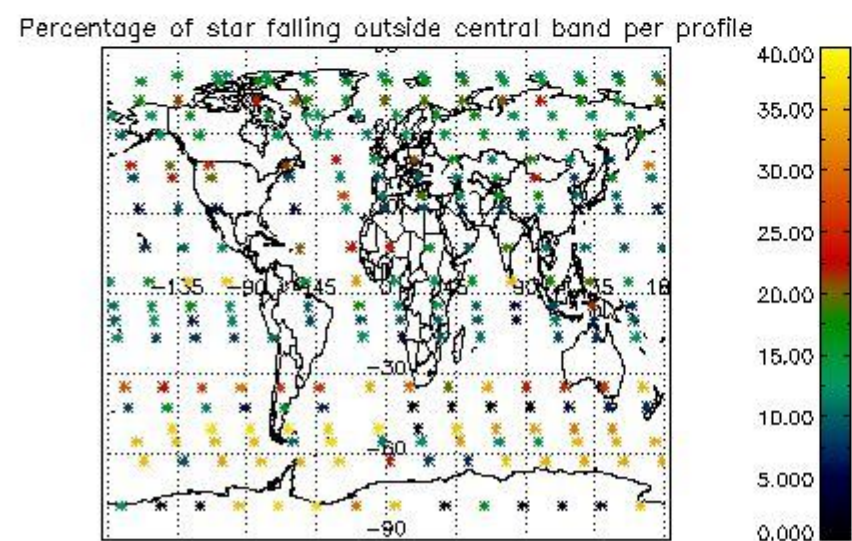
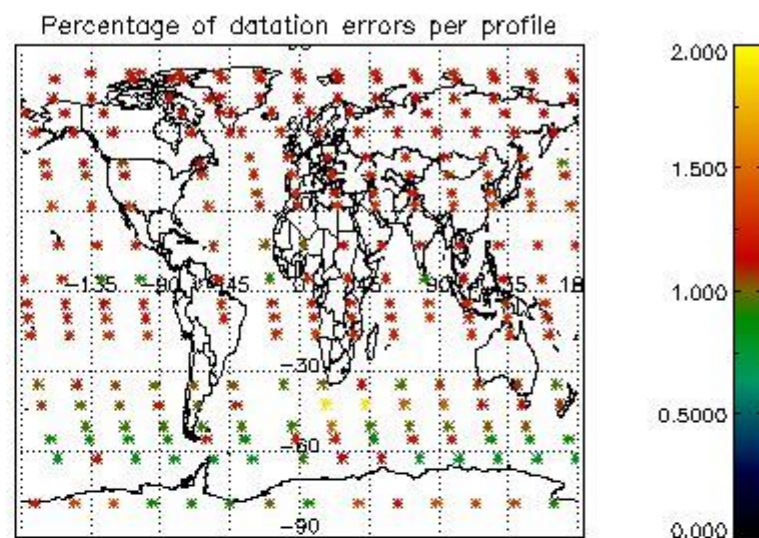
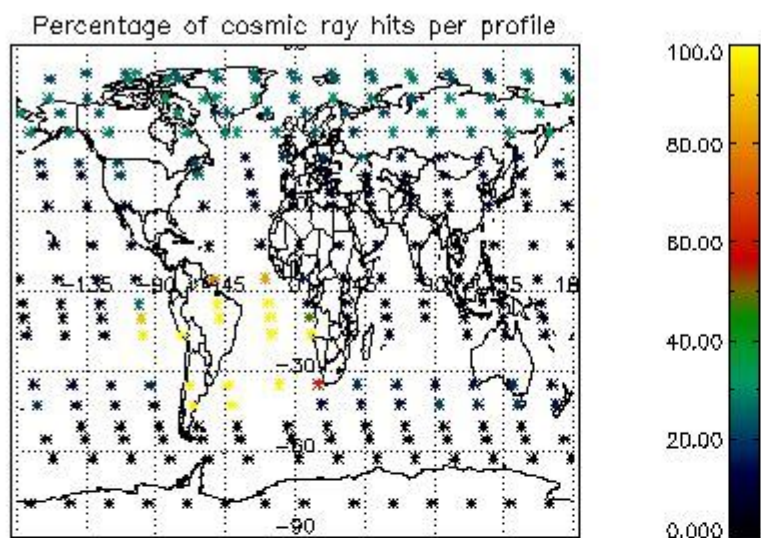


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

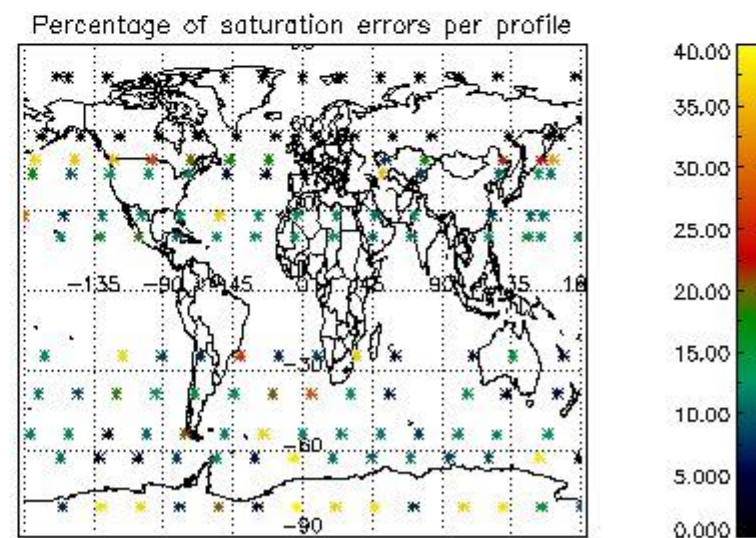
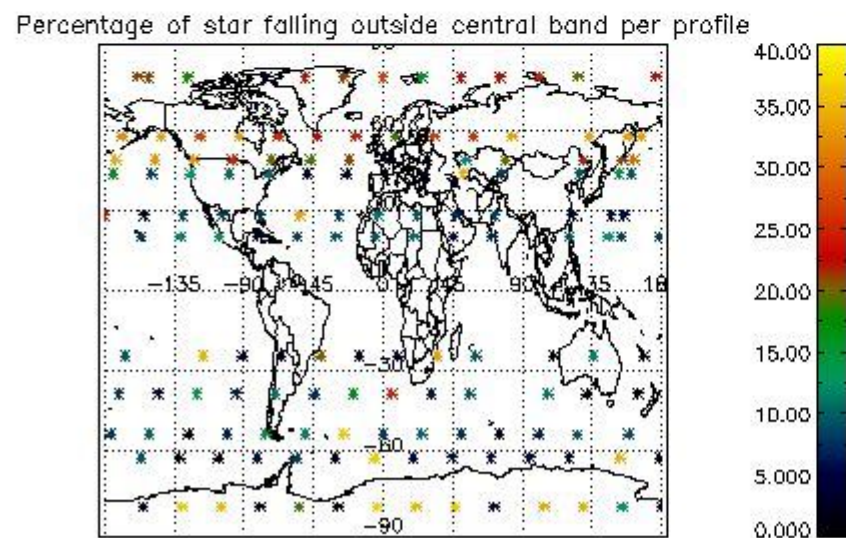
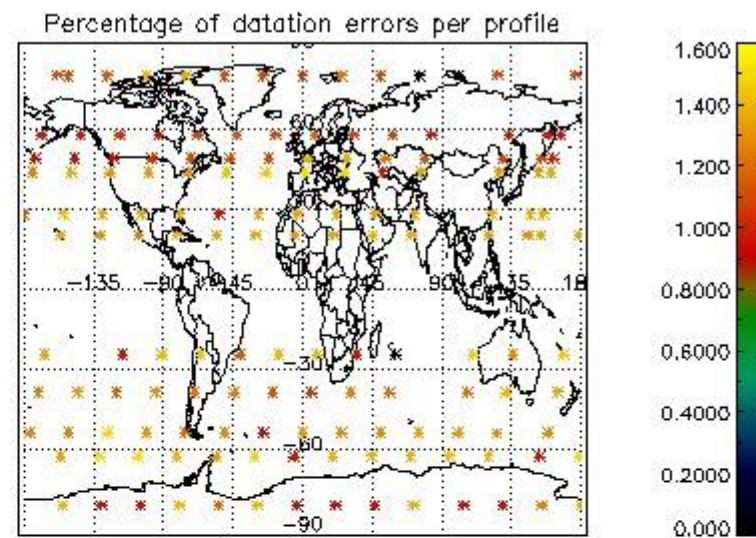
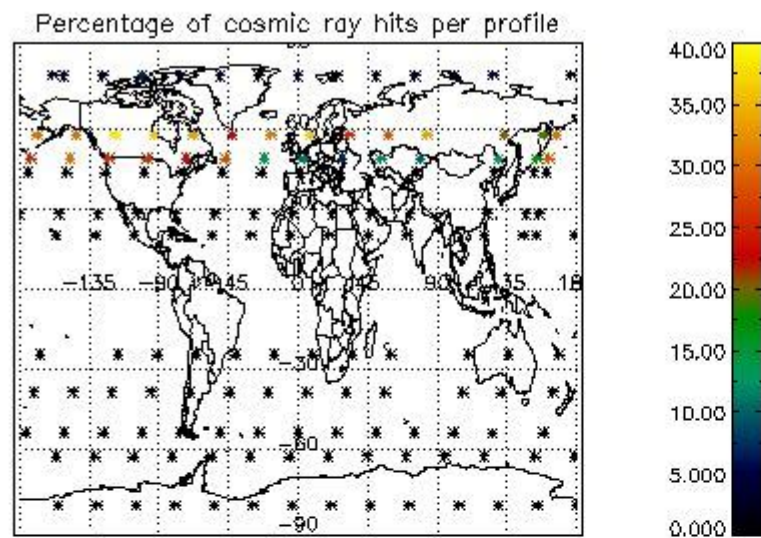


4.2 Plot quality information per product coming from level 1b processing (world map)

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

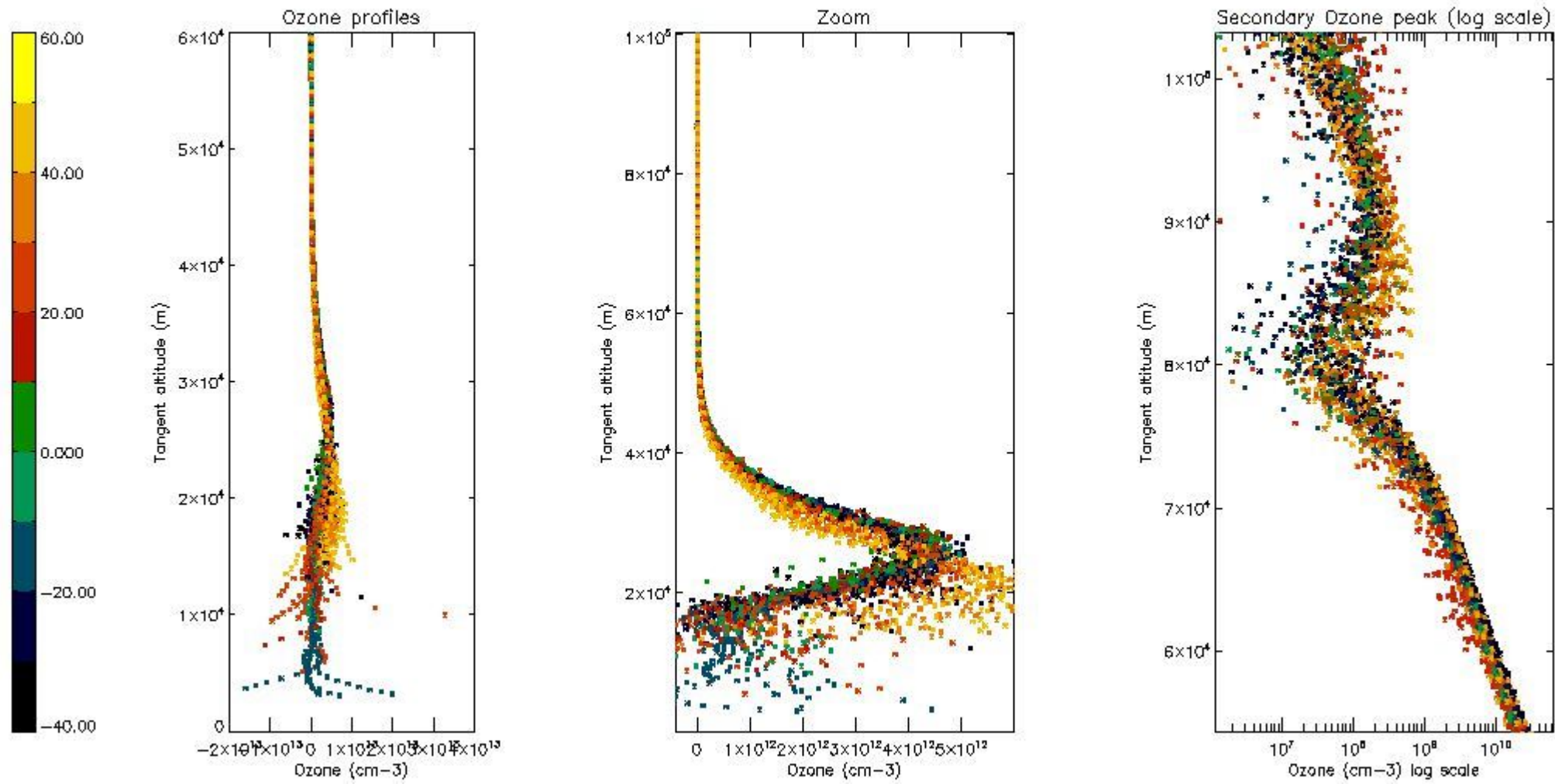
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	19

STD < 10	16
STD < 5	11

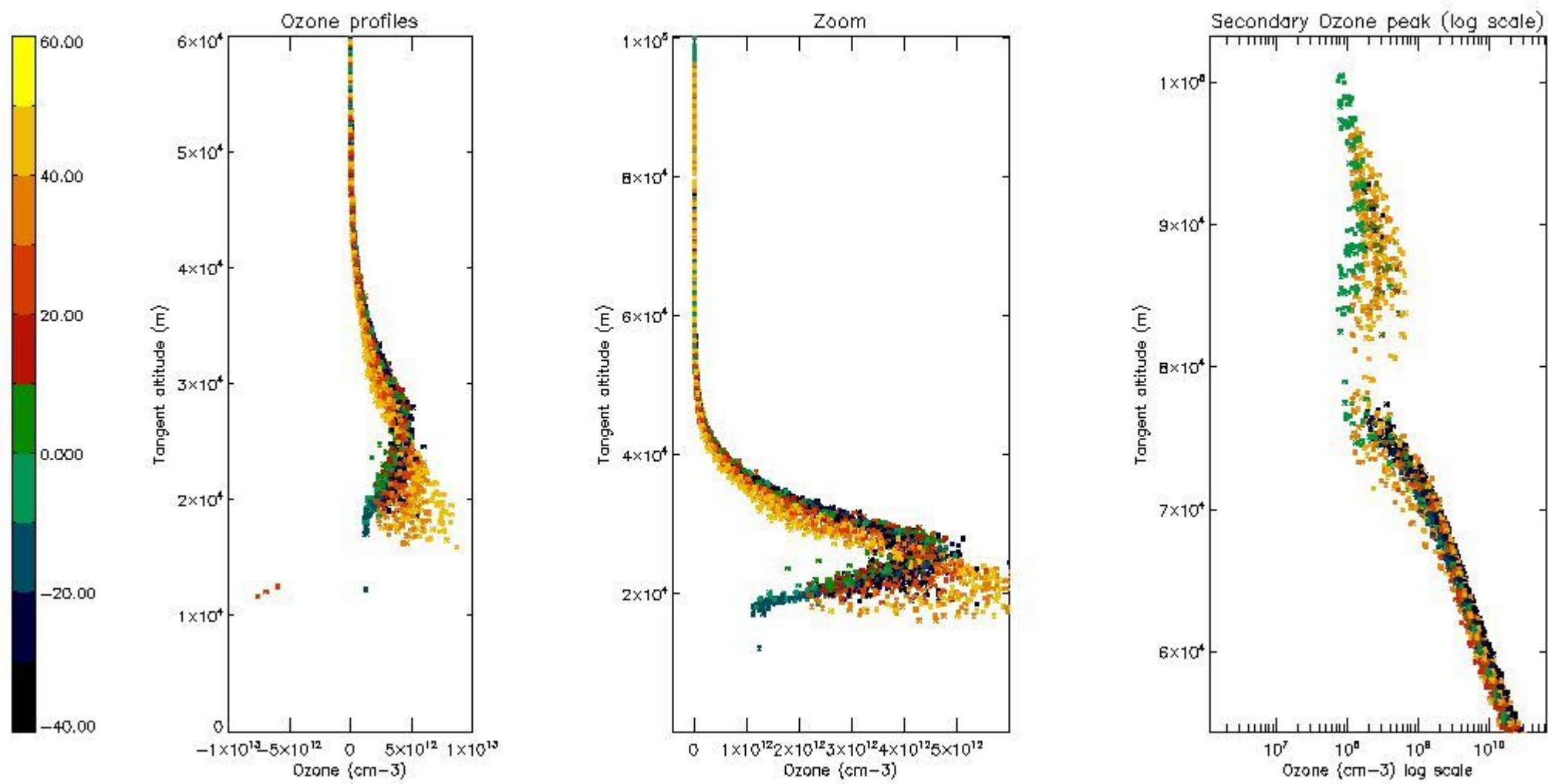
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



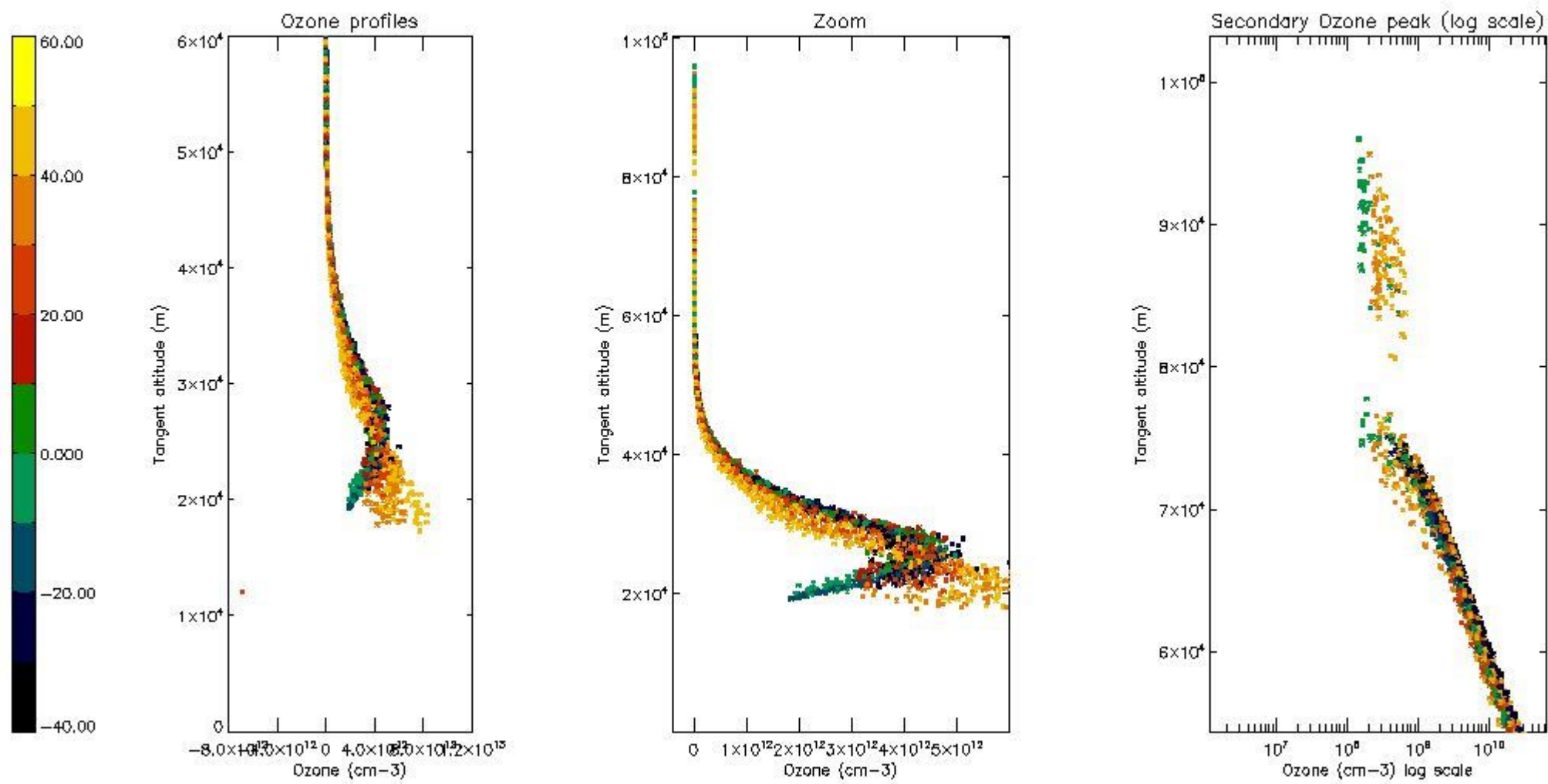
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



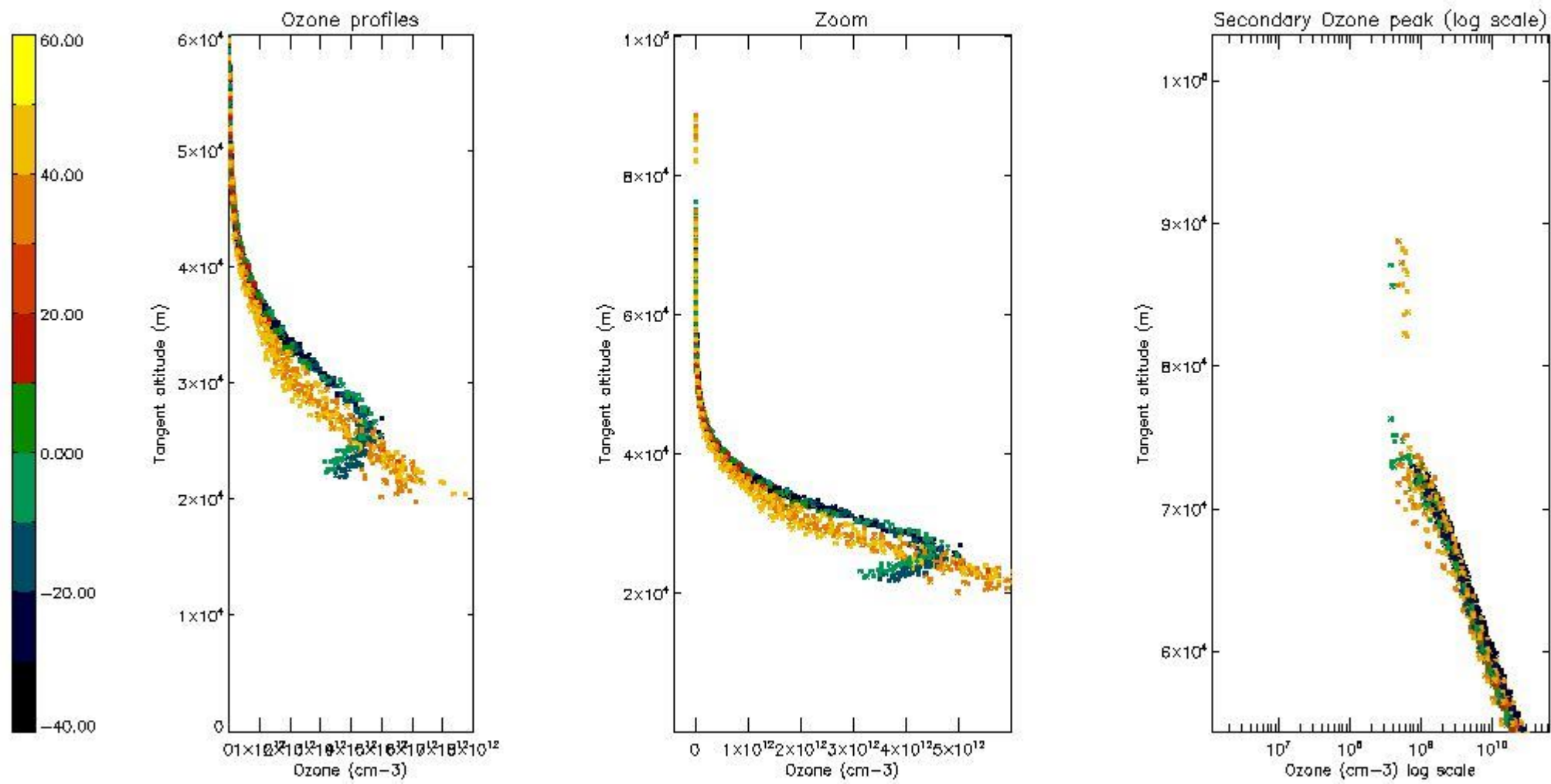
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



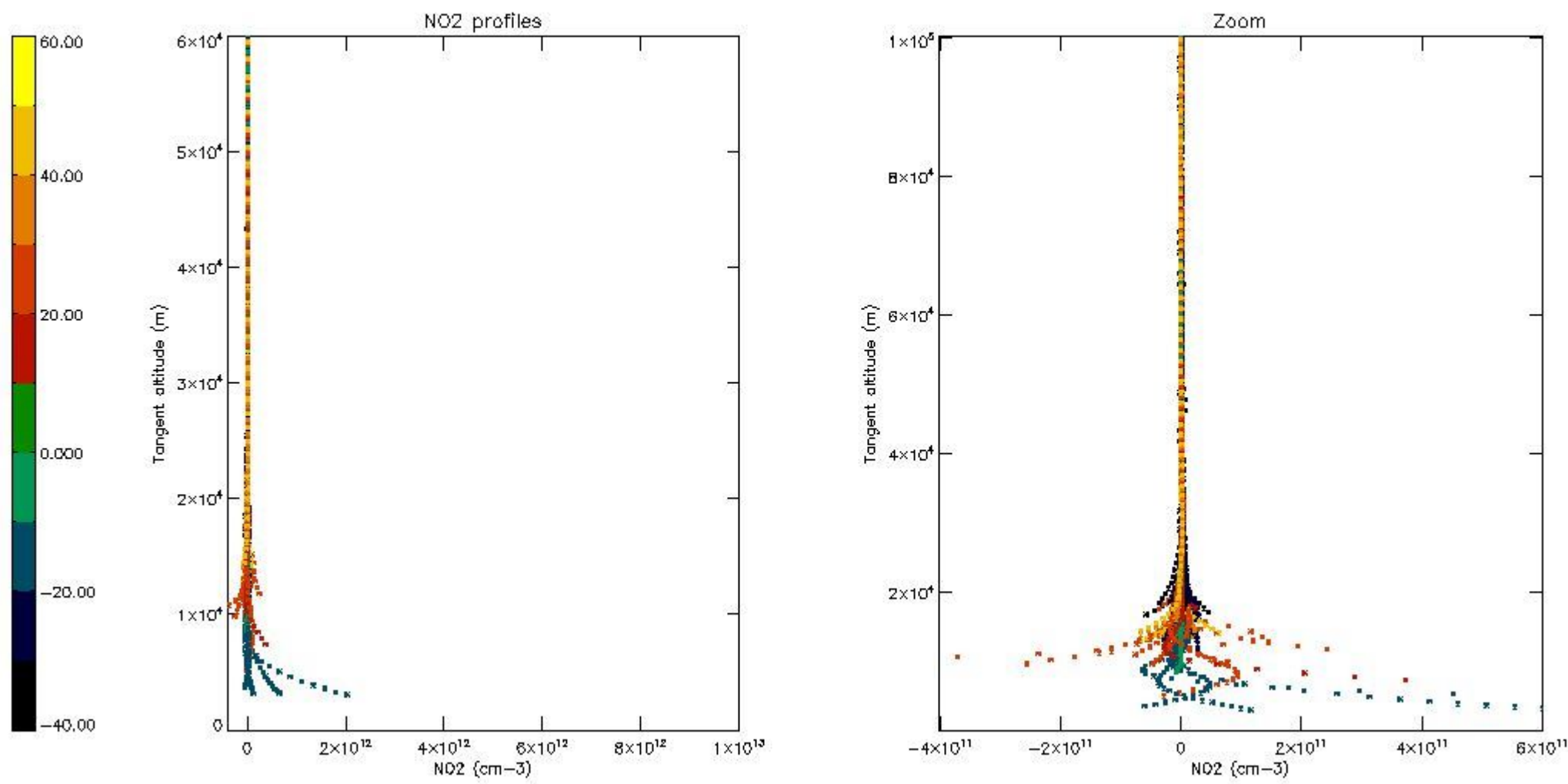
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



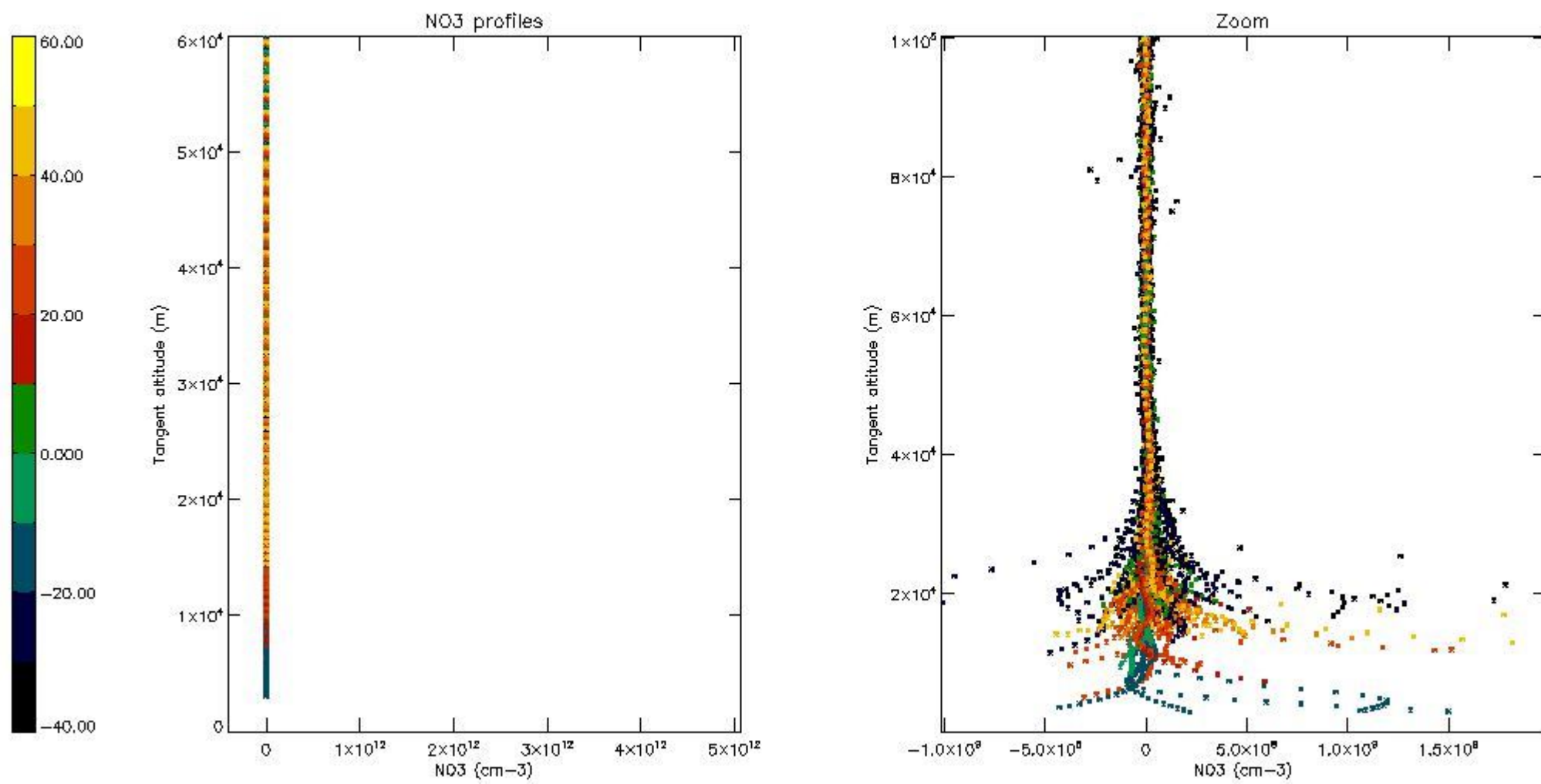
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



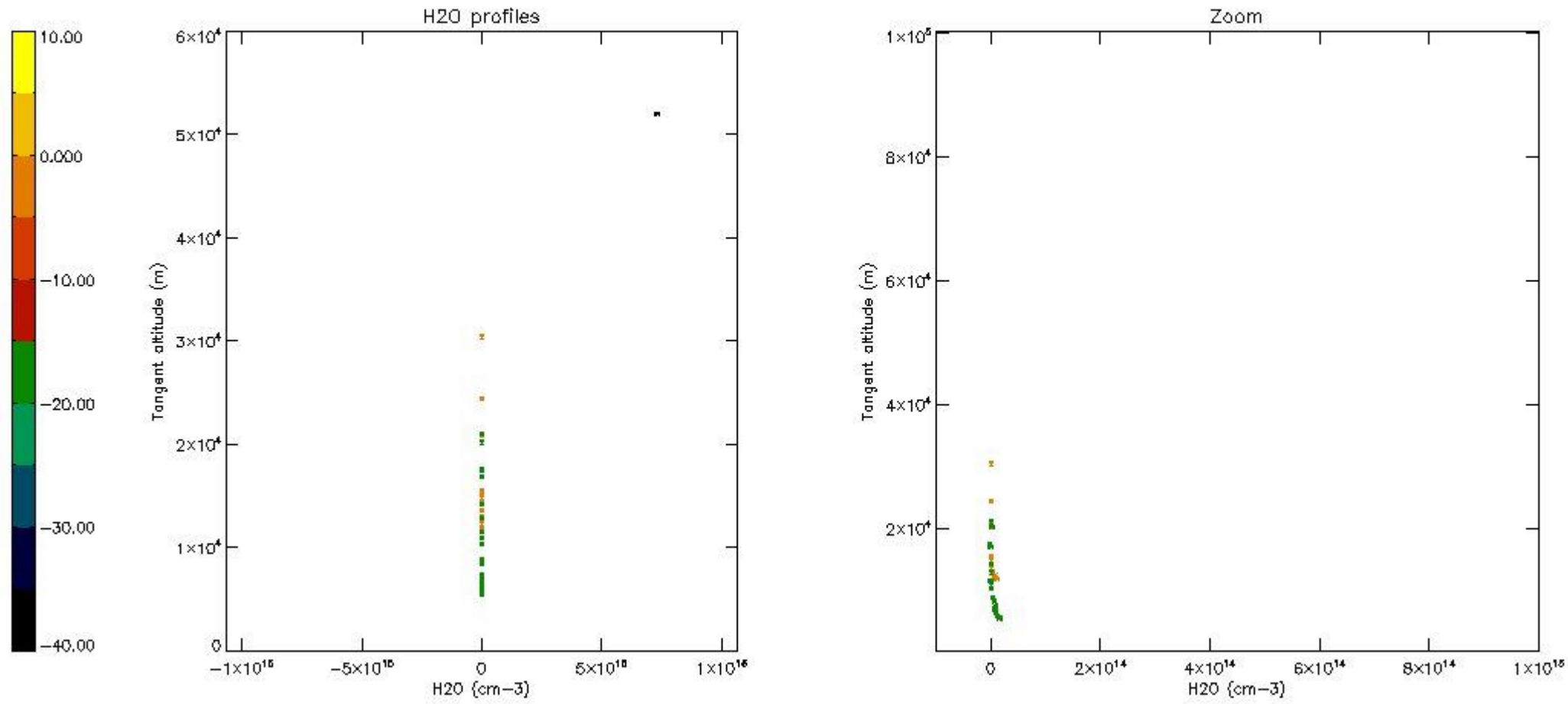
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H₂O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 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-2010 00:02:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-JAN-2010 00:02:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-JAN-2010 00:02:29

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 16:23:12
Data source version	GOMOS/6.01
Start time of products	15-01-2010 (15JAN2010 00:00:00)
Stop time of products	16-01-2010 (16JAN2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	413
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__2PRFIN20100115_000229_000000432086_00045_41181_0141.N1	15-JAN-2010 00:02:29	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	41181	No
2	GOM_NL__2PRFIN20100115_000438_000000442086_00045_41181_0142.N1	15-JAN-2010 00:04:38	Dark	43.500	70	Zet Pup	2.2460	39000.	87	41181	No
3	GOM_NL__2PRFIN20100115_000619_000000452086_00045_41181_0143.N1	15-JAN-2010 00:06:19	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	41181	No
4	GOM_NL__2PRFIN20100115_000853_000000432086_00045_41181_0144.N1	15-JAN-2010 00:08:53	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	41181	No
5	GOM_NL__2PRFIN20100115_001018_000000412086_00045_41181_0145.N1	15-JAN-2010 00:10:18	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	41181	No
6	GOM_NL__2PRFIN20100115_001232_000000452086_00045_41181_0146.N1	15-JAN-2010 00:12:32	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	41181	No
7	GOM_NL__2PRFIN20100115_001942_000000522086_00045_41181_0147.N1	15-JAN-2010 00:19:42	Twilight_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	41181	No
8	GOM_NL__2PRFIN20100115_002214_000000462086_00045_41181_0148.N1	15-JAN-2010 00:22:14	Bright	45.500	44	24Gam Gem	1.9280	11000.	91	41181	No
9	GOM_NL__2PRFIN20100115_002339_000000382086_00045_41181_0149.N1	15-JAN-2010 00:23:39	Bright	38.000	176	23Zet Tau	3.0200	22000.	76	41181	No
10	GOM_NL__2PRFIN20100115_002805_000000362086_00045_41181_0150.N1	15-JAN-2010 00:28:05	Bright	36.000	107	37The Aur	2.6490	11000.	72	41181	No
11	GOM_NL__2PRFIN20100115_003016_000000392086_00045_41181_0151.N1	15-JAN-2010 00:30:16	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	41181	No
12	GOM_NL__2PRFIN20100115_004249_000000392086_00045_41181_0152.N1	15-JAN-2010 00:42:49	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	41181	No
13	GOM_NL__2PRFIN20100115_004649_000000362086_00045_41181_0153.N1	15-JAN-2010 00:46:49	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	41181	No
14	GOM_NL__2PRFIN20100115_005107_000000392086_00045_41181_0154.N1	15-JAN-2010 00:51:07	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	41181	No
15	GOM_NL__2PRFIN20100115_005340_000000362086_00045_41181_0155.N1	15-JAN-2010 00:53:40	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	41181	No
16	GOM_NL__2PRFIN20100115_005957_000000362086_00045_41181_0156.N1	15-JAN-2010 00:59:57	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	41181	No
17	GOM_NL__2PRFIN20100115_010303_000000552086_00045_41181_0157.N1	15-JAN-2010 01:03:03	Bright	55.000	127	27Bet Her	2.7810	4700.0	110	41181	No
18	GOM_NL__2PRFIN20100115_010832_000000612086_00045_41181_0158.N1	15-JAN-2010 01:08:32	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41181	No
19	GOM_NL__2PRFIN20100115_011040_000000562086_00045_41181_0159.N1	15-JAN-2010 01:10:40	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41181	No
20	GOM_NL__2PRFIN20100115_011202_000000532086_00045_41181_0160.N1	15-JAN-2010 01:12:02	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41181	No
21	GOM_NL__2PRFIN20100115_011419_000000462086_00045_41181_0161.N1	15-JAN-2010 01:14:19	Twilight_stray	45.500	104	27Bet Lib	2.6140	13100.	91	41181	No
22	GOM_NL__2PRFIN20100115_011629_000000482086_00045_41181_0162.N1	15-JAN-2010 01:16:29	Twilight_stray	48.000	16	21Alp Sco	1.0200	3000.0	96	41181	No
23	GOM_NL__2PRFIN20100115_012328_000000412086_00045_41181_0163.N1	15-JAN-2010 01:23:28	Dark	41.000	109	Bet Lup	2.6770	26000.	82	41181	No
24	GOM_NL__2PRFIN20100115_012458_000000412086_00045_41181_0164.N1	15-JAN-2010 01:24:58	Dark	40.500	78	Alp Lup	2.3040	28000.	81	41181	No
25	GOM_NL__2PRFIN20100115_012735_000000422086_00046_41182_0145.N1	15-JAN-2010 01:27:35	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	41182	No
26	GOM_NL__2PRFIN20100115_013105_000000472086_00046_41182_0146.N1	15-JAN-2010 01:31:05	Dark	46.500	20	Bet Cru	1.2530	30000.	93	41182	No
27	GOM_NL__2PRFIN20100115_013512_000000382086_00046_41182_0147.N1	15-JAN-2010 01:35:12	Dark	38.000	124	The Car	2.7640	30000.	76	41182	No
28	GOM_NL__2PRFIN20100115_013830_000000402086_00046_41182_0148.N1	15-JAN-2010 01:38:30	Dark	39.500	71	lot Car	2.2460	7700.0	79	41182	No
29	GOM_NL__2PRFIN20100115_013945_000000452086_00046_41182_0149.N1	15-JAN-2010 01:39:45	Dark	45.000	41	Eps Car	1.8600	4100.0	90	41182	No
30	GOM_NL__2PRFIN20100115_014305_000000422086_00046_41182_0150.N1	15-JAN-2010 01:43:05	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	41182	No
31	GOM_NL__2PRFIN20100115_014514_000000442086_00046_41182_0151.N1	15-JAN-2010 01:45:14	Dark	43.500	70	Zet Pup	2.2460	39000.	87	41182	No
32	GOM_NL__2PRFIN20100115_014655_000000462086_00046_41182_0152.N1	15-JAN-2010 01:46:55	Straylight	45.500	117	Pi Pup	2.7060	3800.0	91	41182	No
33	GOM_NL__2PRFIN20100115_014928_000000432086_00046_41182_0153.N1	15-JAN-2010 01:49:28	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	41182	No
34	GOM_NL__2PRFIN20100115_015054_000000432086_00046_41182_0154.N1	15-JAN-2010 01:50:54	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	41182	No
35	GOM_NL__2PRFIN20100115_015308_000000472086_00046_41182_0155.N1	15-JAN-2010 01:53:08	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	41182	No
36	GOM_NL__2PRFIN20100115_020018_000000522086_00046_41182_0156.N1	15-JAN-2010 02:00:18	Twilight_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	41182	No
37	GOM_NL__2PRFIN20100115_020249_000000462086_00046_41182_0157.N1	15-JAN-2010 02:02:49	Bright	46.000	44	24Gam Gem	1.9280	11000.	92	41182	No
38	GOM_NL__2PRFIN20100115_020415_000000382086_00046_41182_0158.N1	15-JAN-2010 02:04:15	Bright	37.500	176	23Zet Tau	3.0200	22000.	75	41182	No
39	GOM_NL__2PRFIN20100115_020841_000000362086_00046_41182_0159.N1	15-JAN-2010 02:08:41	Bright	36.000	107	37The Aur	2.6490	11000.	72	41182	No
40	GOM_NL__2PRFIN20100115_021052_000000382086_00046_41182_0160.N1	15-JAN-2010 02:10:52	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	41182	No
41	GOM_NL__2PRFIN20100115_022325_000000342086_00046_41182_0161.N1	15-JAN-2010 02:23:25	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	41182	No
42	GOM_NL__2PRFIN20100115_022724_000000412086_00046_41182_0162.N1	15-JAN-2010 02:27:24	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41182	No

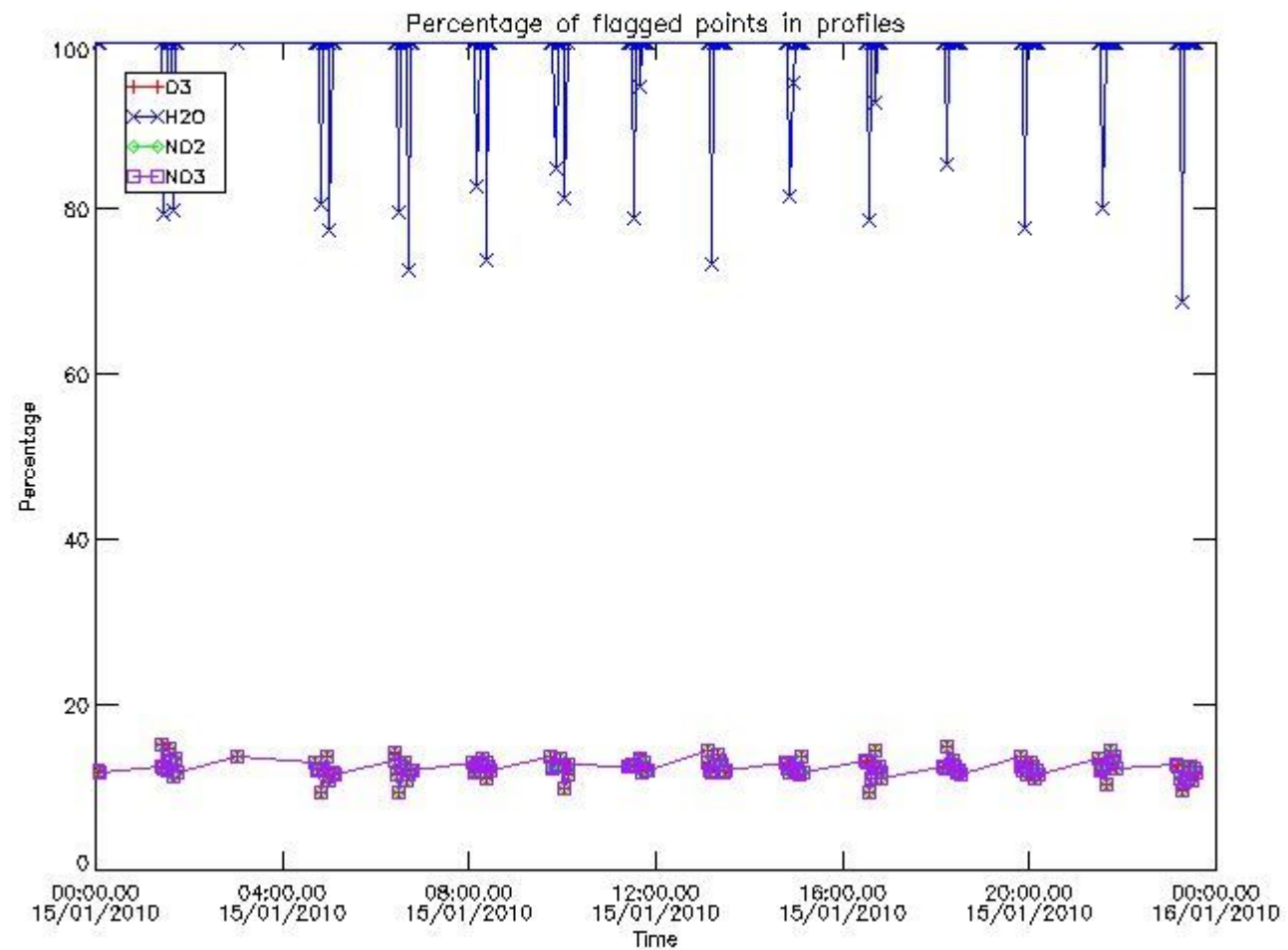
43	GOM_NL__2PRFIN20100115_023143_000000382086_00046_41182_0163.N1	15-JAN-2010 02:31:43	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	41182	No
44	GOM_NL__2PRFIN20100115_023416_000000352086_00046_41182_0164.N1	15-JAN-2010 02:34:16	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	41182	No
45	GOM_NL__2PRFIN20100115_024033_000000542086_00046_41182_0165.N1	15-JAN-2010 02:40:33	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	41182	No
46	GOM_NL__2PRFIN20100115_024339_000000492086_00046_41182_0166.N1	15-JAN-2010 02:43:39	Bright	49.000	127	27Bet Her	2.7810	4700.0	98	41182	No
47	GOM_NL__2PRFIN20100115_024908_000000612086_00046_41182_0167.N1	15-JAN-2010 02:49:08	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41182	No
48	GOM_NL__2PRFIN20100115_025116_000000422086_00046_41182_0168.N1	15-JAN-2010 02:51:16	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	41182	No
49	GOM_NL__2PRFIN20100115_025238_000000532086_00046_41182_0169.N1	15-JAN-2010 02:52:38	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41182	No
50	GOM_NL__2PRFIN20100115_025455_000000502086_00046_41182_0170.N1	15-JAN-2010 02:54:55	Twi_and_stray	50.000	104	27Bet Lib	2.6140	13100.	100	41182	No
51	GOM_NL__2PRFIN20100115_025705_000000492086_00046_41182_0171.N1	15-JAN-2010 02:57:05	Twi_and_stray	48.500	16	21Alp Sco	1.0200	3000.0	97	41182	No
52	GOM_NL__2PRFIN20100115_030220_000000402086_00046_41182_0172.N1	15-JAN-2010 03:02:20	Dark	40.000	131	Gam Lup	2.8000	26000.	80	41182	No
53	GOM_NL__2PRFIN20100115_041219_000000372086_00047_41183_0154.N1	15-JAN-2010 04:12:19	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	41183	No
54	GOM_NL__2PRFIN20100115_041452_000000362086_00047_41183_0155.N1	15-JAN-2010 04:14:52	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	41183	No
55	GOM_NL__2PRFIN20100115_042109_000000542086_00047_41183_0156.N1	15-JAN-2010 04:21:09	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	41183	No
56	GOM_NL__2PRFIN20100115_042415_000000552086_00047_41183_0157.N1	15-JAN-2010 04:24:15	Bright	55.000	127	27Bet Her	2.7810	4700.0	110	41183	No
57	GOM_NL__2PRFIN20100115_042945_000000612086_00047_41183_0158.N1	15-JAN-2010 04:29:45	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41183	No
58	GOM_NL__2PRFIN20100115_043152_000000562086_00047_41183_0159.N1	15-JAN-2010 04:31:52	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41183	No
59	GOM_NL__2PRFIN20100115_043315_000000532086_00047_41183_0160.N1	15-JAN-2010 04:33:15	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41183	No
60	GOM_NL__2PRFIN20100115_043532_000000462086_00047_41183_0161.N1	15-JAN-2010 04:35:32	Twi_and_stray	45.500	104	27Bet Lib	2.6140	13100.	91	41183	No
61	GOM_NL__2PRFIN20100115_043742_000000512086_00047_41183_0162.N1	15-JAN-2010 04:37:42	Twi_and_stray	50.500	16	21Alp Sco	1.0200	3000.0	101	41183	No
62	GOM_NL__2PRFIN20100115_044256_000000392086_00047_41183_0163.N1	15-JAN-2010 04:42:56	Dark	39.000	131	Gam Lup	2.8000	26000.	78	41183	No
63	GOM_NL__2PRFIN20100115_044441_000000422086_00047_41183_0164.N1	15-JAN-2010 04:44:41	Dark	42.000	109	Bet Lup	2.6770	26000.	84	41183	No
64	GOM_NL__2PRFIN20100115_044612_000000422086_00047_41183_0165.N1	15-JAN-2010 04:46:12	Dark	41.500	78	Alp Lup	2.3040	28000.	83	41183	No
65	GOM_NL__2PRFIN20100115_044848_000000542086_00048_41184_0163.N1	15-JAN-2010 04:48:48	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	41184	No
66	GOM_NL__2PRFIN20100115_045218_000000422086_00048_41184_0164.N1	15-JAN-2010 04:52:18	Dark	41.500	20	Bet Cru	1.2530	30000.	83	41184	No
67	GOM_NL__2PRFIN20100115_045625_000000372086_00048_41184_0165.N1	15-JAN-2010 04:56:25	Dark	37.000	124	The Car	2.7640	30000.	74	41184	No
68	GOM_NL__2PRFIN20100115_045943_000000452086_00048_41184_0166.N1	15-JAN-2010 04:59:43	Dark	45.000	71	lot Car	2.2460	7700.0	90	41184	No
69	GOM_NL__2PRFIN20100115_050058_000000472086_00048_41184_0167.N1	15-JAN-2010 05:00:58	Dark	47.000	41	Eps Car	1.8600	4100.0	94	41184	No
70	GOM_NL__2PRFIN20100115_050418_000000442086_00048_41184_0168.N1	15-JAN-2010 05:04:18	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	41184	No
71	GOM_NL__2PRFIN20100115_050627_000000452086_00048_41184_0169.N1	15-JAN-2010 05:06:27	Dark	44.500	70	Zet Pup	2.2460	39000.	89	41184	No
72	GOM_NL__2PRFIN20100115_050808_000000452086_00048_41184_0170.N1	15-JAN-2010 05:08:08	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	41184	No
73	GOM_NL__2PRFIN20100115_051041_000000422086_00048_41184_0171.N1	15-JAN-2010 05:10:41	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	41184	No
74	GOM_NL__2PRFIN20100115_051207_000000412086_00048_41184_0172.N1	15-JAN-2010 05:12:07	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	41184	No
75	GOM_NL__2PRFIN20100115_051420_000000462086_00048_41184_0173.N1	15-JAN-2010 05:14:20	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	41184	No
76	GOM_NL__2PRFIN20100115_052130_000000522086_00048_41184_0174.N1	15-JAN-2010 05:21:30	Twi_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	41184	No
77	GOM_NL__2PRFIN20100115_052401_000000452086_00048_41184_0175.N1	15-JAN-2010 05:24:01	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	41184	No
78	GOM_NL__2PRFIN20100115_052527_000000372086_00048_41184_0176.N1	15-JAN-2010 05:25:27	Bright	36.500	176	23Zet Tau	3.0200	22000.	73	41184	No
79	GOM_NL__2PRFIN20100115_052953_000000372086_00048_41184_0177.N1	15-JAN-2010 05:29:53	Bright	37.000	107	37The Aur	2.6490	11000.	74	41184	No
80	GOM_NL__2PRFIN20100115_053204_000000372086_00048_41184_0178.N1	15-JAN-2010 05:32:04	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	41184	No
81	GOM_NL__2PRFIN20100115_054437_000000382086_00048_41184_0179.N1	15-JAN-2010 05:44:37	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	41184	No
82	GOM_NL__2PRFIN20100115_054836_000000422086_00048_41184_0180.N1	15-JAN-2010 05:48:36	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41184	No
83	GOM_NL__2PRFIN20100115_055254_000000392086_00048_41184_0181.N1	15-JAN-2010 05:52:54	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	41184	No
84	GOM_NL__2PRFIN20100115_055529_000000372086_00048_41184_0182.N1	15-JAN-2010 05:55:29	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	41184	No
85	GOM_NL__2PRFIN20100115_060145_000000542086_00048_41184_0183.N1	15-JAN-2010 06:01:45	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	41184	No
86	GOM_NL__2PRFIN20100115_060451_000000552086_00048_41184_0184.N1	15-JAN-2010 06:04:51	Bright	55.000	127	27Bet Her	2.7810	4700.0	110	41184	No
87	GOM_NL__2PRFIN20100115_061021_000000612086_00048_41184_0185.N1	15-JAN-2010 06:10:21	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	41184	No
88	GOM_NL__2PRFIN20100115_061229_000000562086_00048_41184_0186.N1	15-JAN-2010 06:12:29	Bright	56.000	120	1Del Oph	2.7340	3200.0	112	41184	No
89	GOM_NL__2PRFIN20100115_061351_000000532086_00048_41184_0187.N1	15-JAN-2010 06:13:51	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	41184	No
90	GOM_NL__2PRFIN20100115_061609_000000482086_00048_41184_0188.N1	15-JAN-2010 06:16:09	Twi_and_stray	48.000	104	27Bet Lib	2.6140	13100.	96	41184	No
91	GOM_NL__2PRFIN20100115_061818_000000482086_00048_41184_0189.N1	15-JAN-2010 06:18:18	Twi_and_stray	47.500	16	21Alp Sco	1.0200	3000.0	95	41184	No
92	GOM_NL__2PRFIN20100115_062333_000000392086_00048_41184_0190.N1	15-JAN-2010 06:23:33	Dark	38.500	131	Gam Lup	2.8000	26000.	77	41184	No
93	GOM_NL__2PRFIN20100115_062517_000000402086_00048_41184_0191.N1	15-JAN-2010 06:25:17	Dark	39.500	109	Bet Lup	2.6770	26000.	79	41184	No
94	GOM_NL__2PRFIN20100115_062648_000000452086_00048_41184_0192.N1	15-JAN-2010 06:26:48	Dark	44.500	78	Alp Lup	2.3040	28000.	89	41184	No
95	GOM_NL__2PRFIN20100115_062924_000000542086_00049_41185_0173.N1	15-JAN-2010 06:29:24	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	41185	No
96	GOM_NL__2PRFIN20100115_063255_000000412086_00049_41185_0174.N1	15-JAN-2010 06:32:55	Dark	41.000	20	Bet Cru	1.2530	30000.	82	41185	No
97	GOM_NL__2PRFIN20100115_063702_000000392086_00049_41185_0175.N1	15-JAN-2010 06:37:02	Dark	39.000	124	The Car	2.7640	30000.	78	41185	No
98	GOM_NL__2PRFIN20100115_064019_000000472086_00049_41185_0176.N1	15-JAN-2010 06:40:19	Dark	47.000	71	lot Car	2.2460	7700.0	94	41185	No
99	GOM_NL__2PRFIN20100115_064134_000000442086_00049_41185_0177.N1	15-JAN-2010 06:41:34	Dark	44.000	41	Eps Car	1.8600	4100.0	88	41185	No
100	GOM_NL__2PRFIN20100115_064454_000000422086_00049_41185_0178.N1	15-JAN-2010 06:44:54	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	41185	No
101	GOM_NL__2PRFIN20100115_064703_000000432086_00049_41185_0179.N1	15-JAN-2010 06:47:03	Dark	42.500	70	Zet Pup	2.2460	39000.	85	41185	No

397	GOM_NL__2PRFIN20100115_231528_000000532086_00059_41195_0313.N1	15-JAN-2010 23:15:28	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	41195	No
398	GOM_NL__2PRFIN20100115_231900_000000492086_00059_41195_0314.N1	15-JAN-2010 23:19:00	Dark	48.500	20	Bet Cru	1.2530	30000.	97	41195	No
399	GOM_NL__2PRFIN20100115_232306_000000412086_00059_41195_0315.N1	15-JAN-2010 23:23:06	Dark	41.000	124	The Car	2.7640	30000.	82	41195	No
400	GOM_NL__2PRFIN20100115_232427_000000482086_00059_41195_0316.N1	15-JAN-2010 23:24:27	Dark	47.500	29	Bet Car	1.6720	10200.	95	41195	No
401	GOM_NL__2PRFIN20100115_232623_000000412086_00059_41195_0317.N1	15-JAN-2010 23:26:23	Dark	41.000	71	lot Car	2.2460	7700.0	82	41195	No
402	GOM_NL__2PRFIN20100115_232815_000000472086_00059_41195_0318.N1	15-JAN-2010 23:28:15	Dark	47.000	46	Del Vel	1.9540	10600.	94	41195	No
403	GOM_NL__2PRFIN20100115_233057_000000422086_00059_41195_0319.N1	15-JAN-2010 23:30:57	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	41195	No
404	GOM_NL__2PRFIN20100115_233306_000000442086_00059_41195_0320.N1	15-JAN-2010 23:33:06	Dark	43.500	70	Zet Pup	2.2460	39000.	87	41195	No
405	GOM_NL__2PRFIN20100115_233445_000000442086_00059_41195_0321.N1	15-JAN-2010 23:34:45	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	41195	No
406	GOM_NL__2PRFIN20100115_233718_000000432086_00059_41195_0322.N1	15-JAN-2010 23:37:18	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	41195	No
407	GOM_NL__2PRFIN20100115_233843_000000412086_00059_41195_0323.N1	15-JAN-2010 23:38:43	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	41195	No
408	GOM_NL__2PRFIN20100115_234057_000000452086_00059_41195_0324.N1	15-JAN-2010 23:40:57	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	41195	No
409	GOM_NL__2PRFIN20100115_234807_000000522086_00059_41195_0325.N1	15-JAN-2010 23:48:07	Tw_i_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	41195	No
410	GOM_NL__2PRFIN20100115_235036_000000512086_00059_41195_0326.N1	15-JAN-2010 23:50:36	Bright	51.000	44	24Gam Gem	1.9280	11000.	102	41195	No
411	GOM_NL__2PRFIN20100115_235204_000000372086_00059_41195_0327.N1	15-JAN-2010 23:52:04	Bright	36.500	176	23Zet Tau	3.0200	22000.	73	41195	No
412	GOM_NL__2PRFIN20100115_235628_000000362086_00059_41195_0328.N1	15-JAN-2010 23:56:28	Bright	36.000	107	37The Aur	2.6490	11000.	72	41195	No
413	GOM_NL__2PRFIN20100115_235839_000000372086_00059_41195_0329.N1	15-JAN-2010 23:58:39	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41195	No

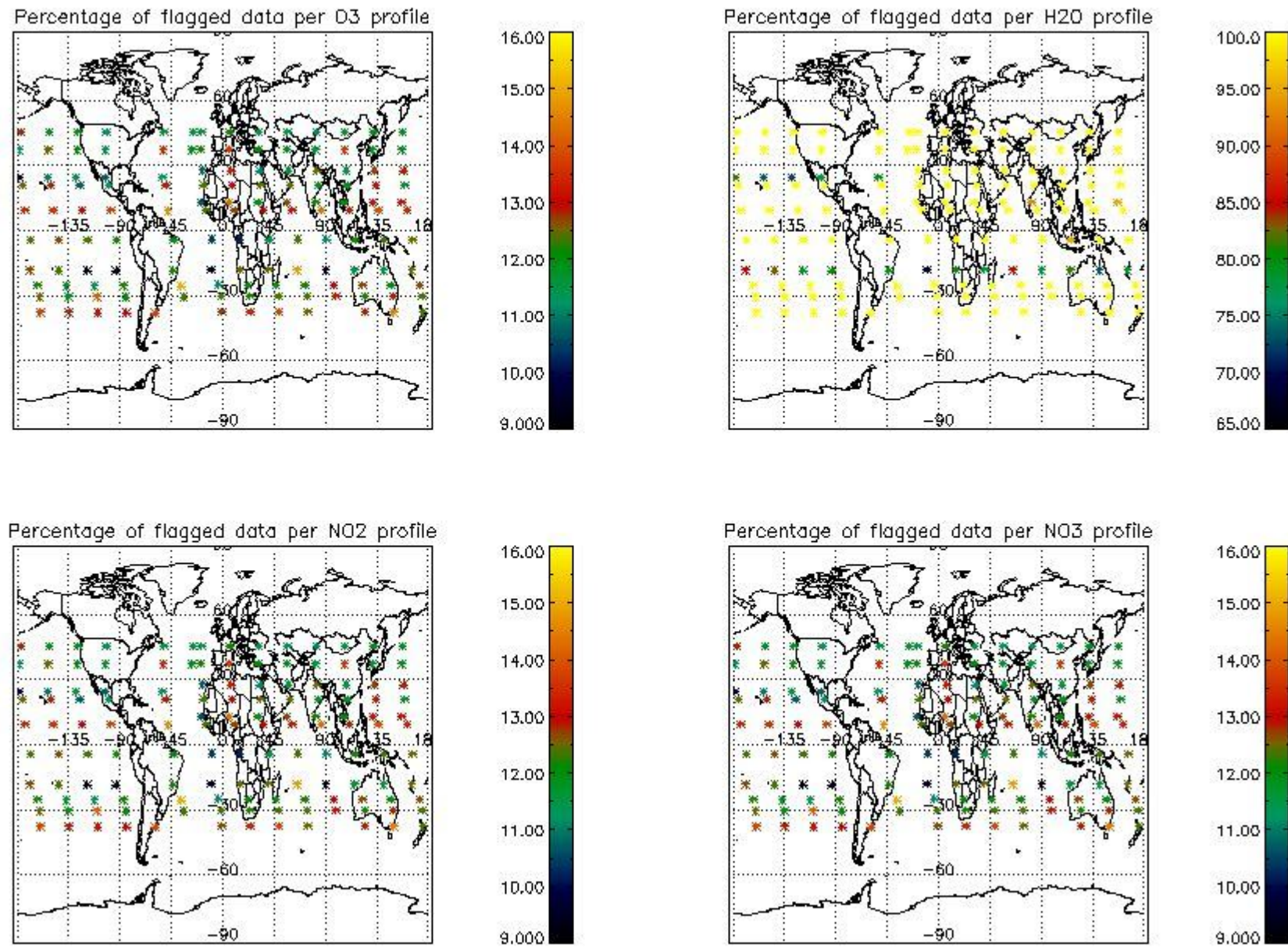
3. Quality information per product

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)

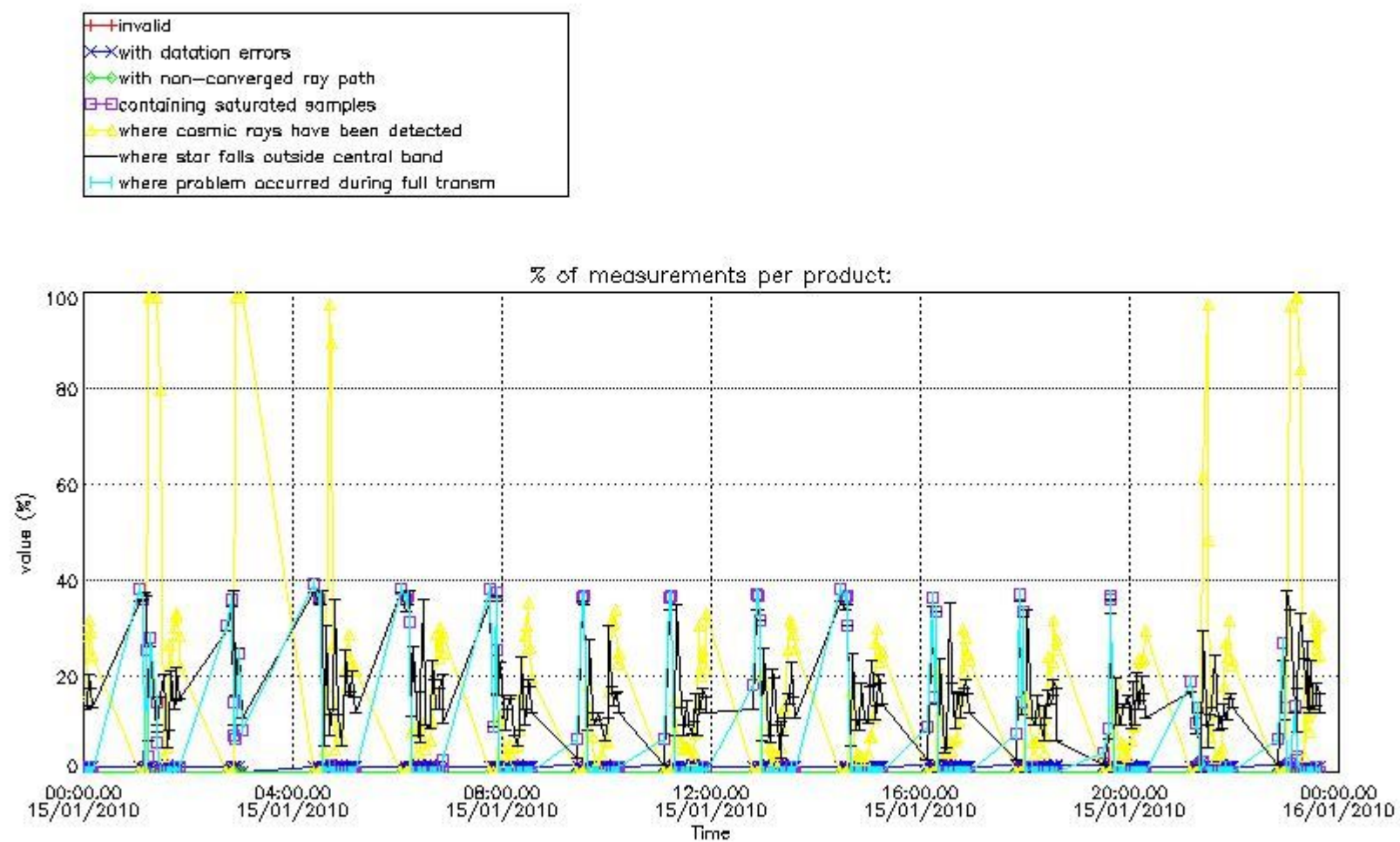


4. Level 1 quality information per product

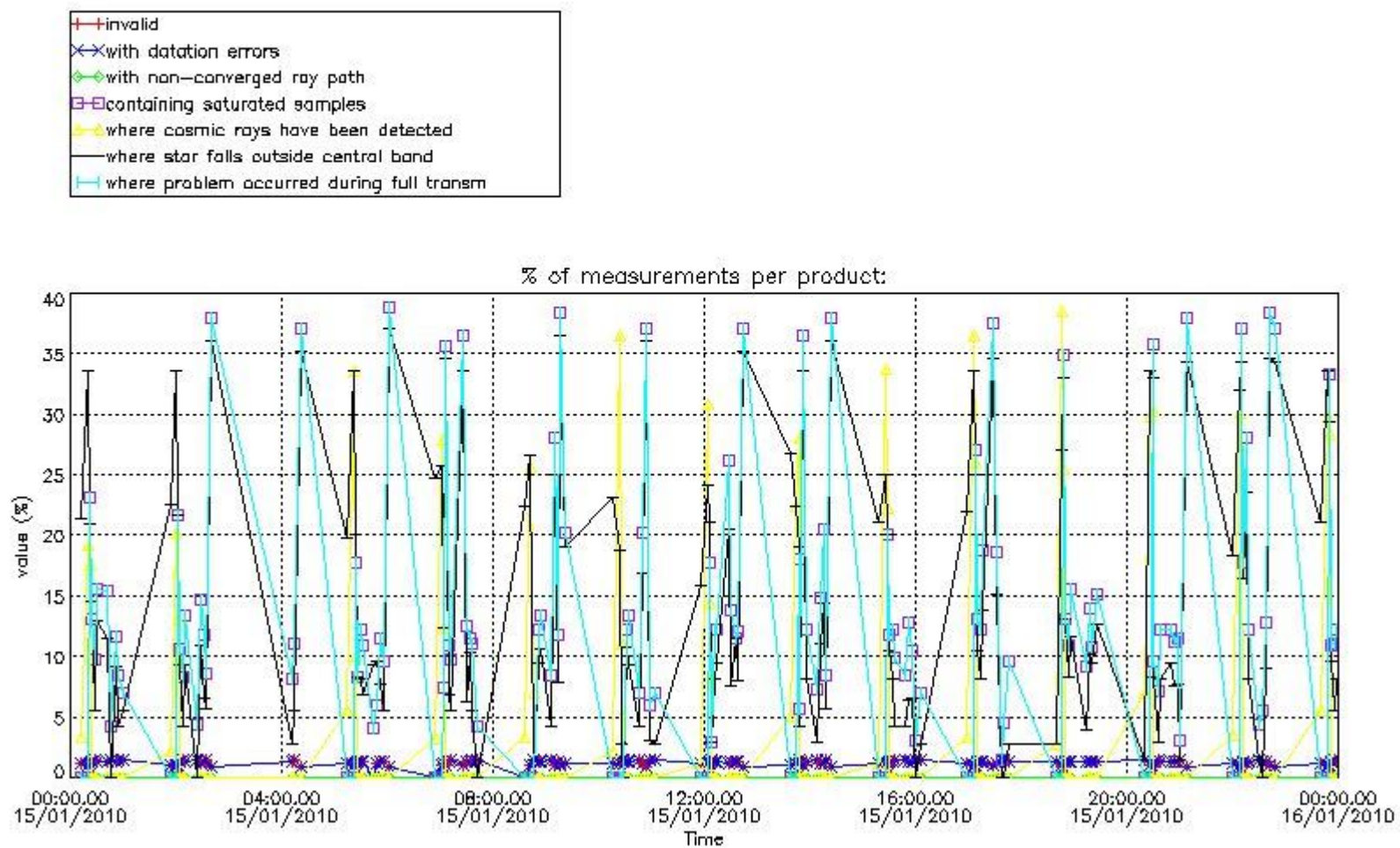
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

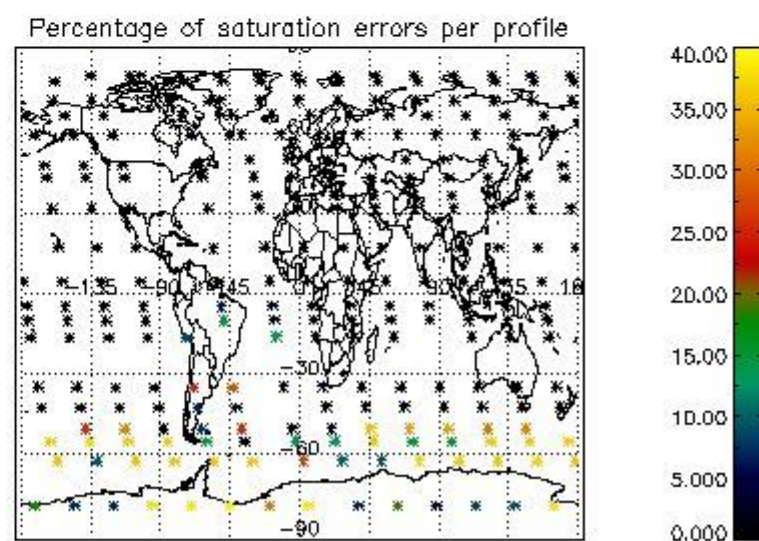
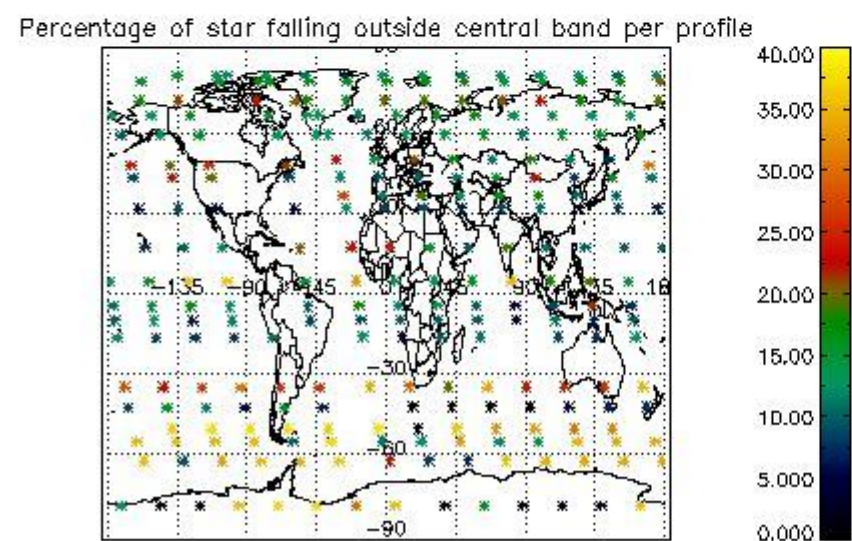
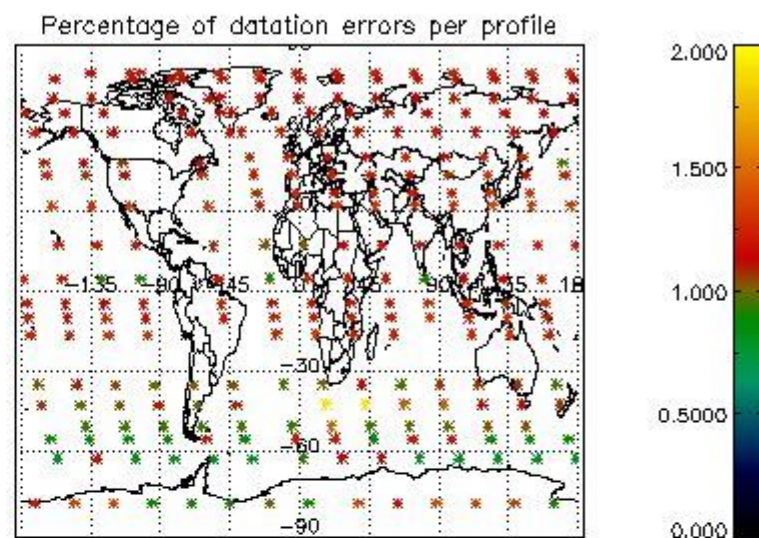
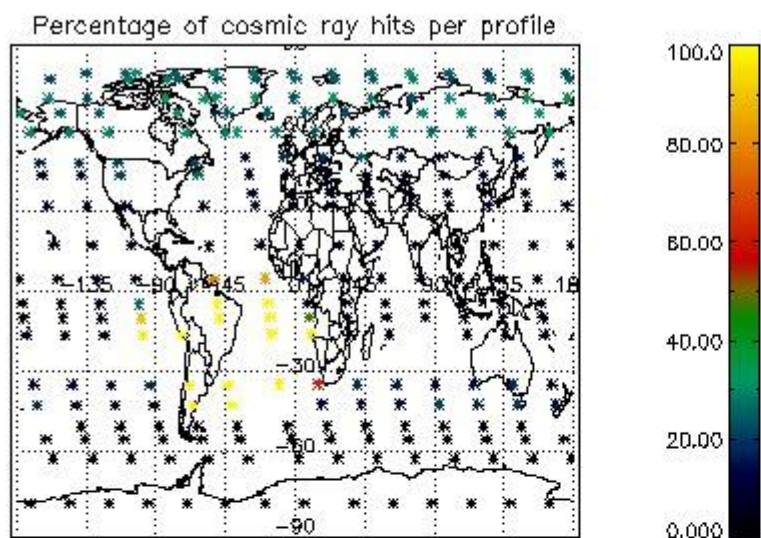


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

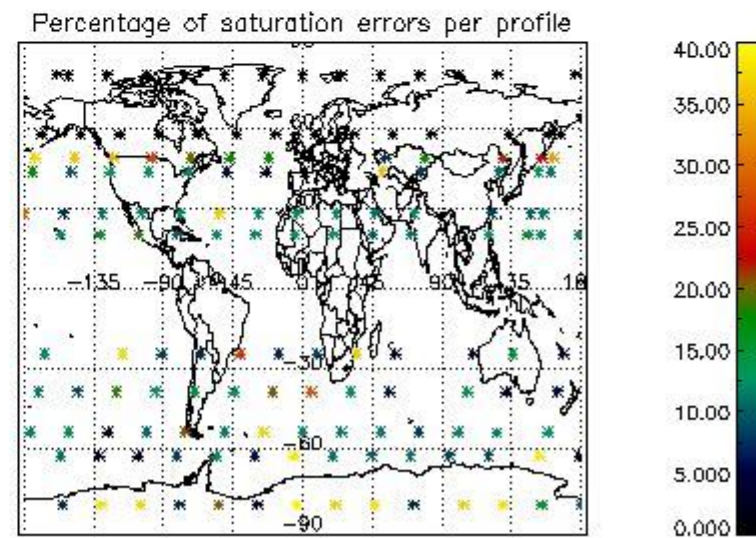
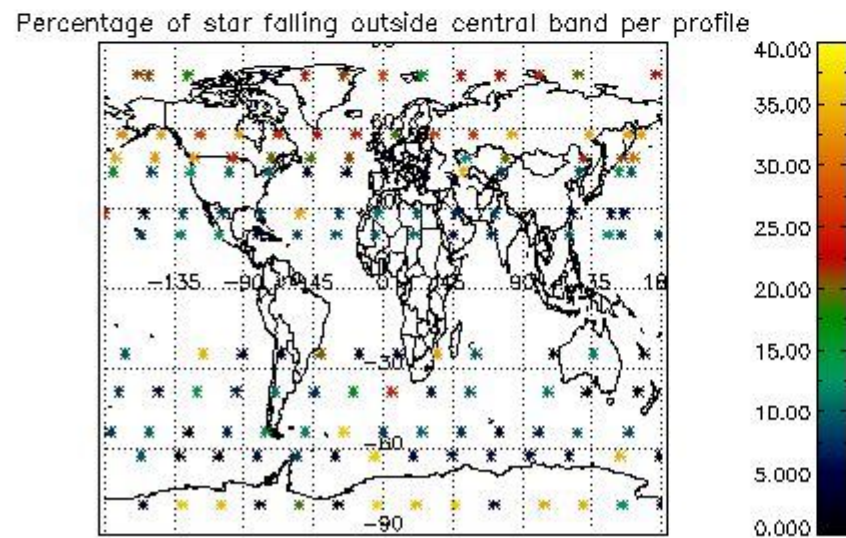
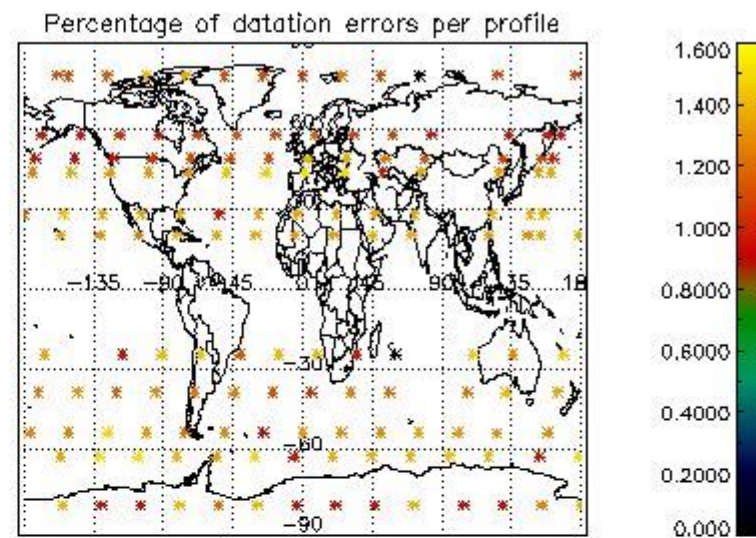
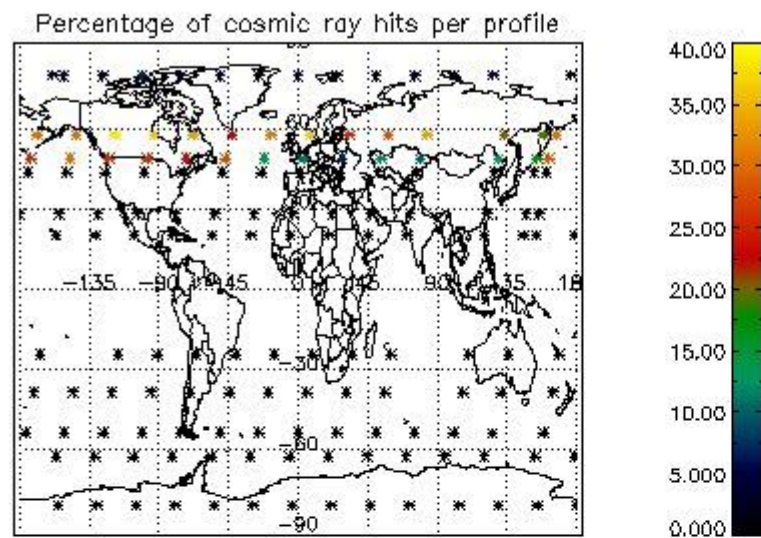


4.2 Plot quality information per product coming from level 1b processing (world map)

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

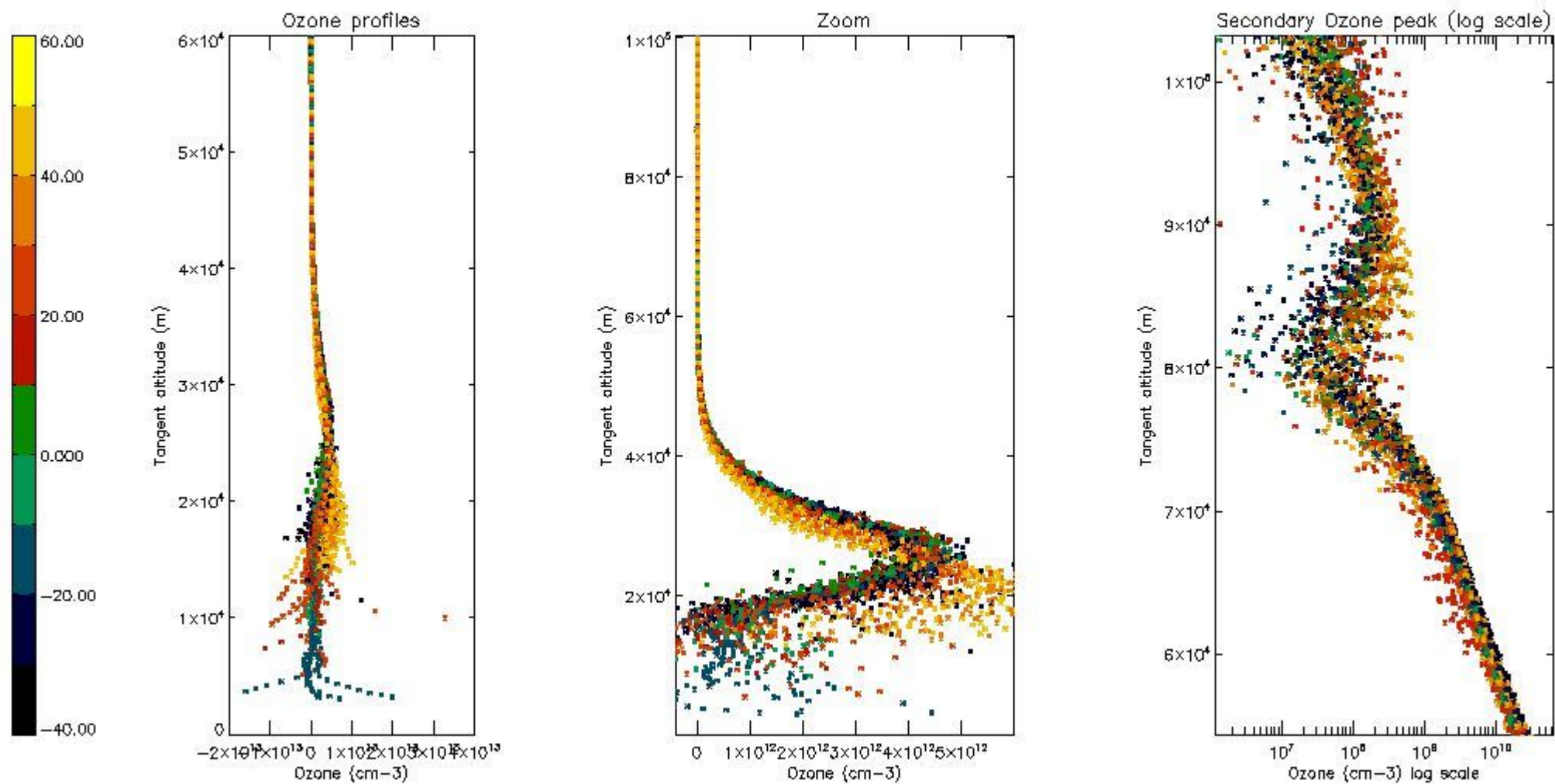
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	19

STD < 10	16
STD < 5	11

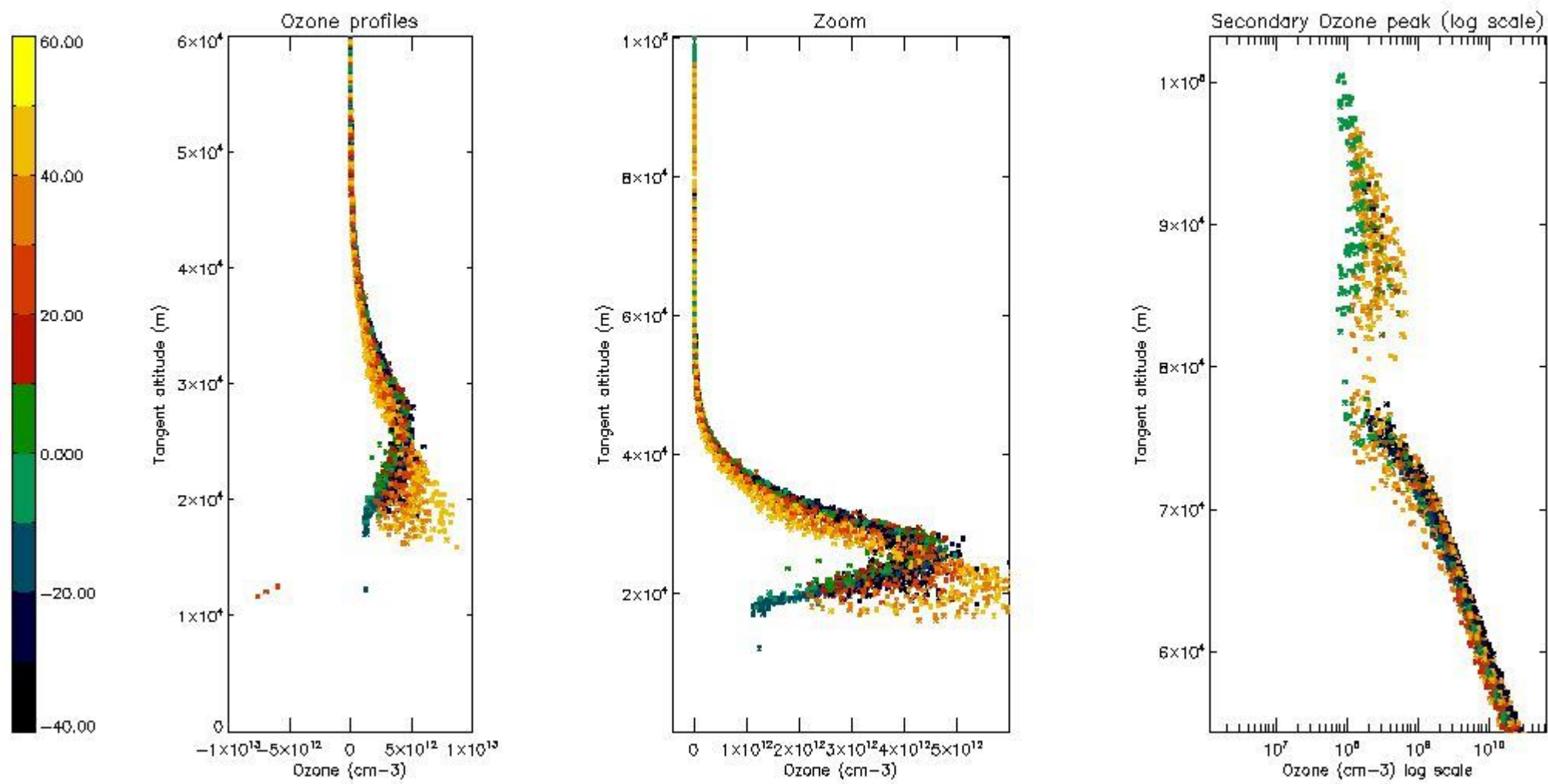
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



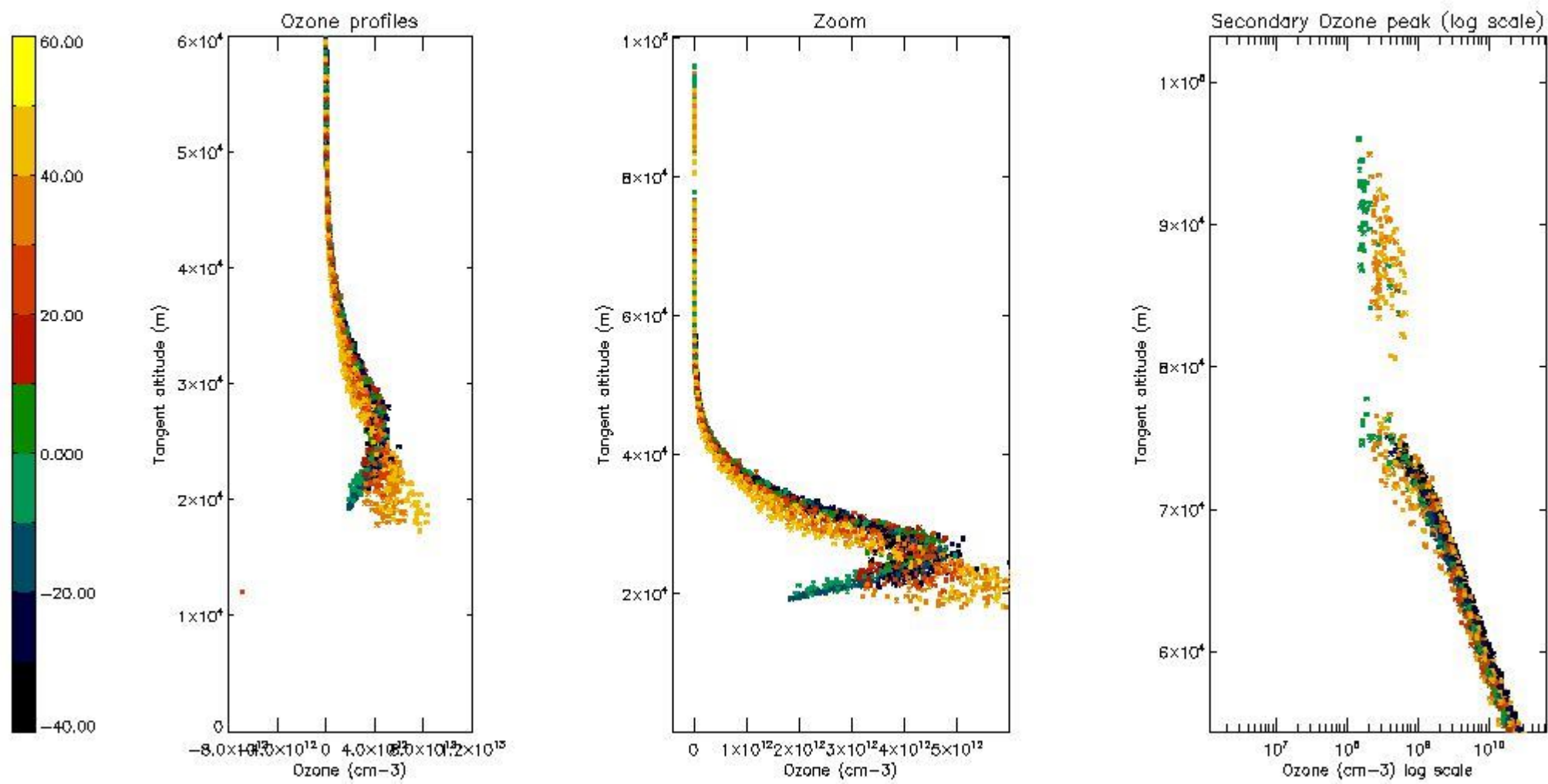
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



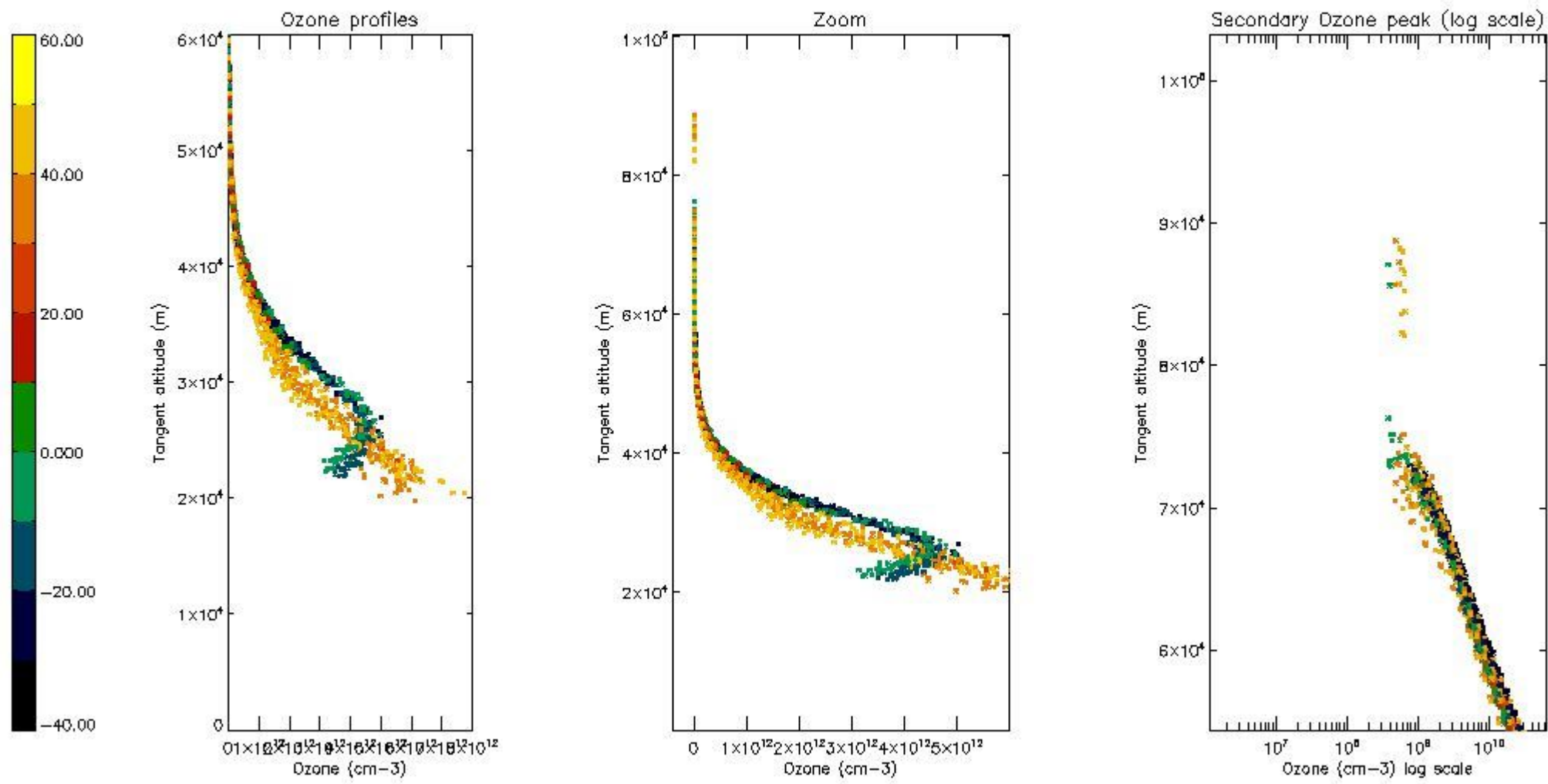
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



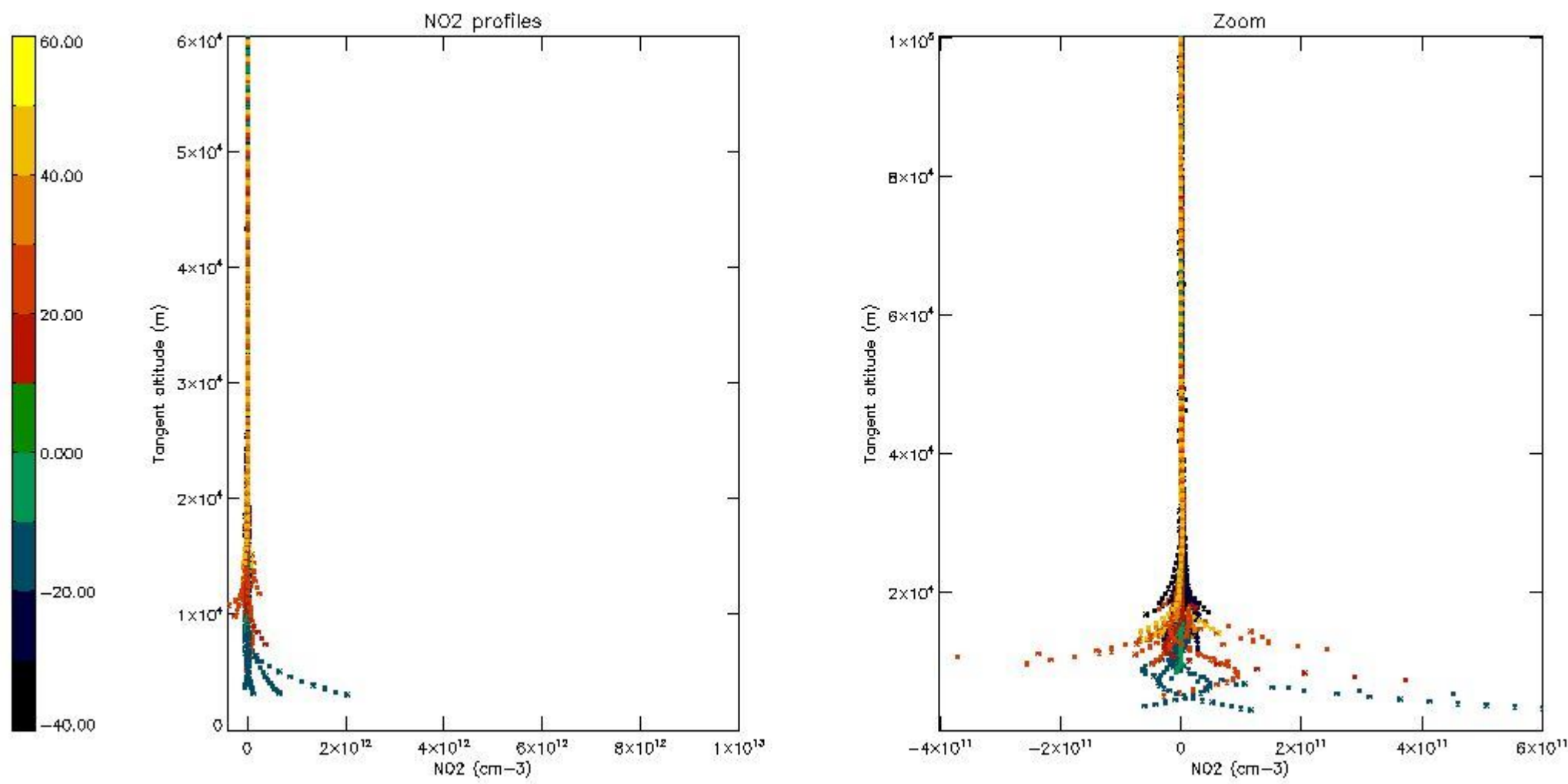
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



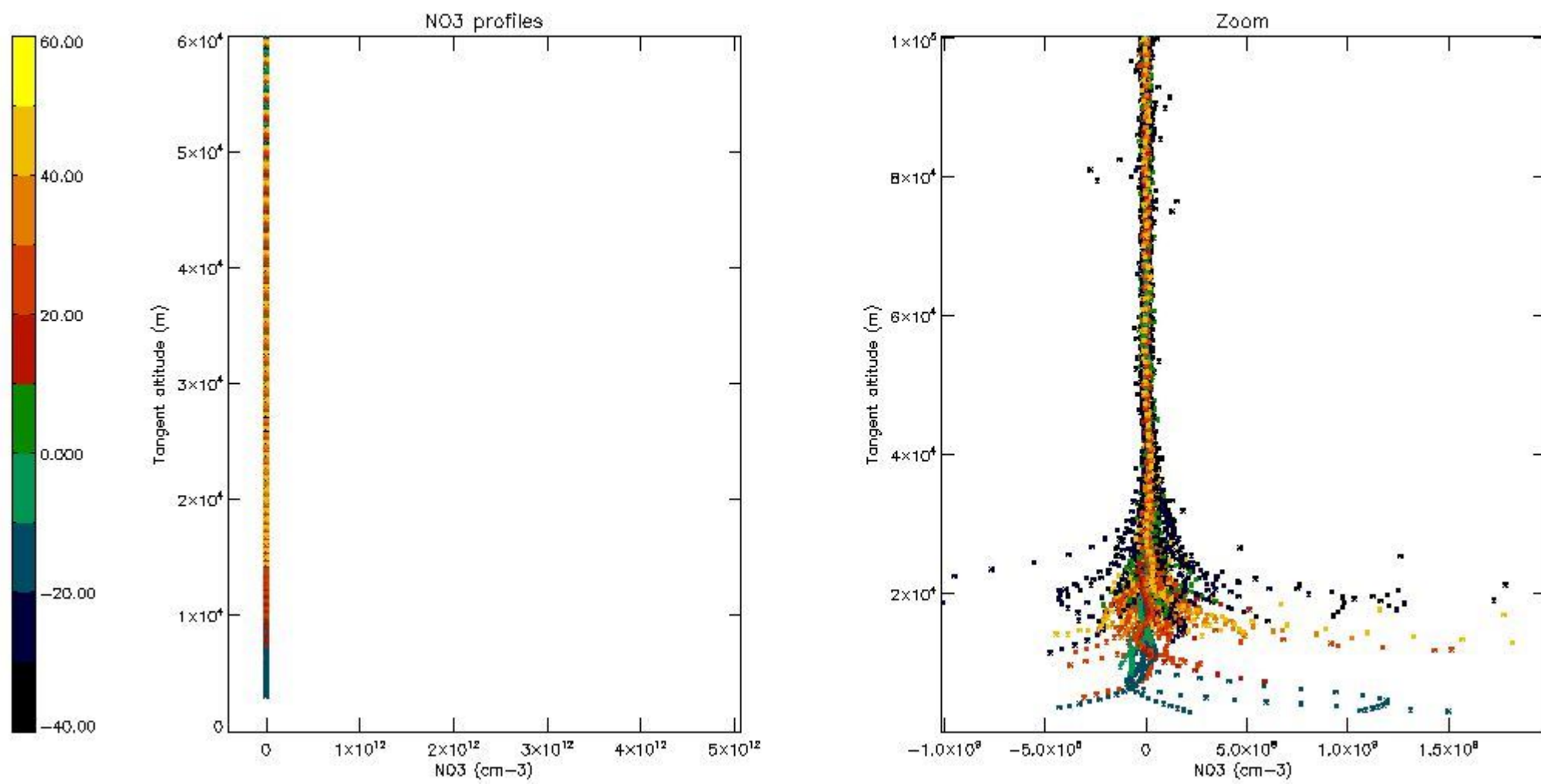
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



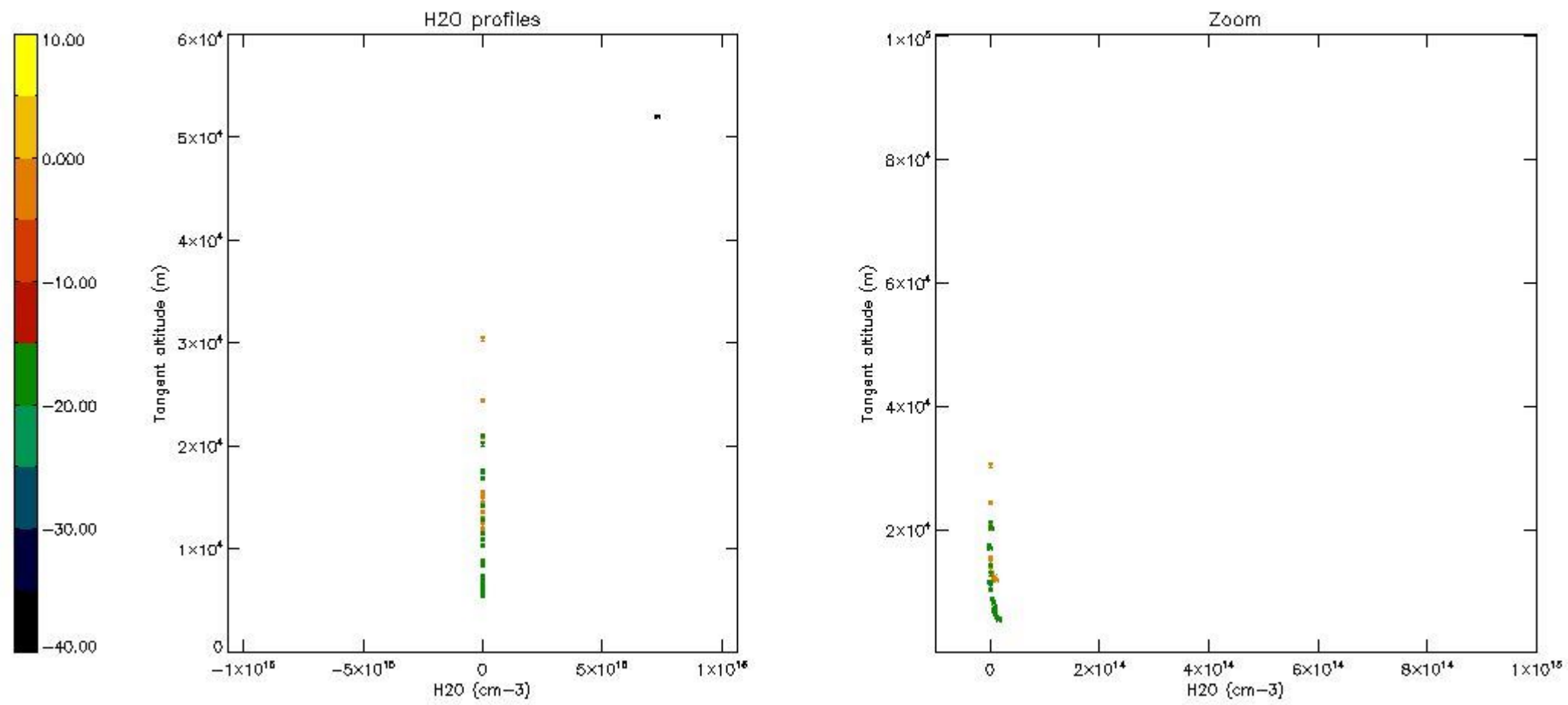
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

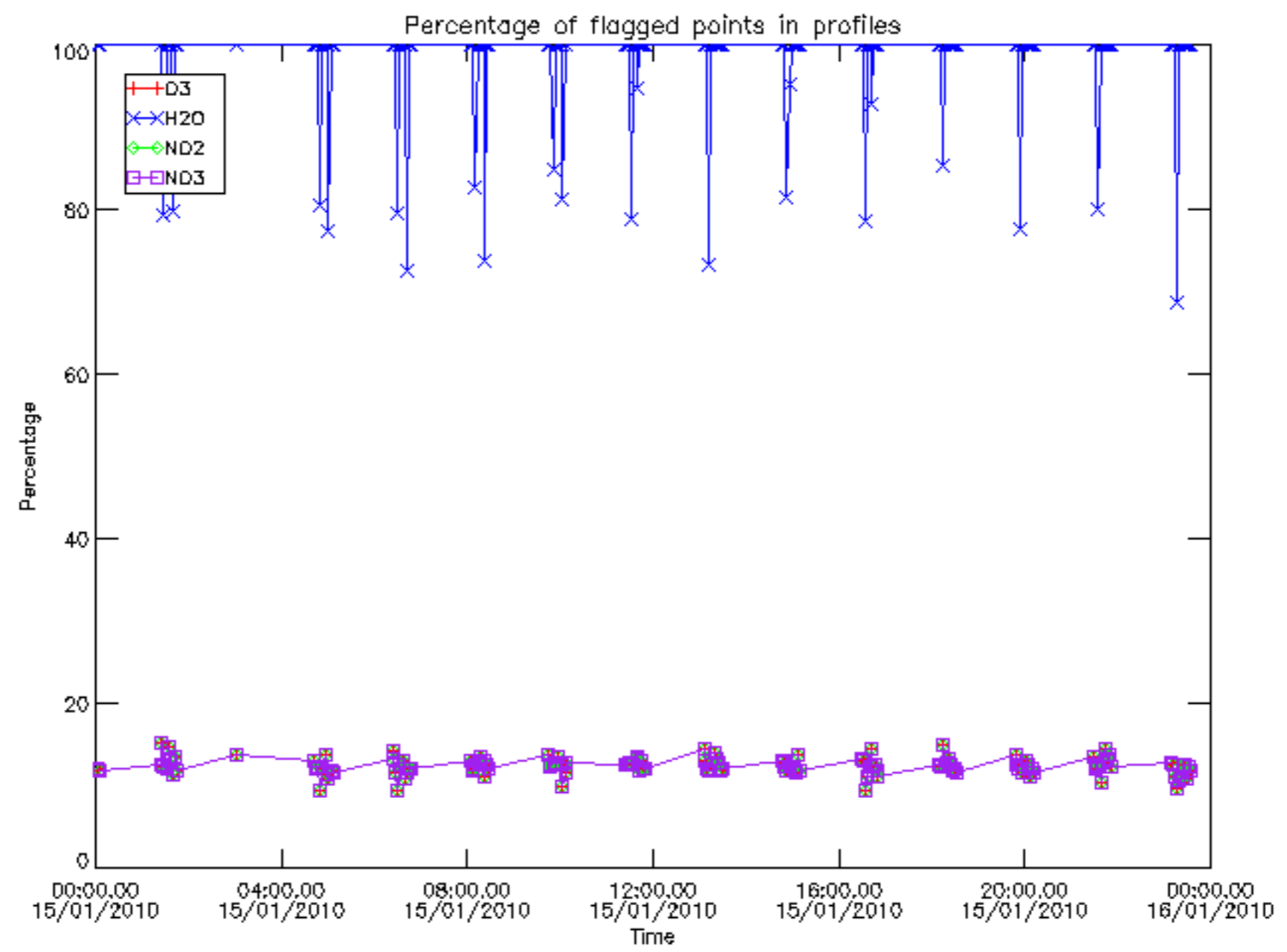
The colorbar represents the latitude.



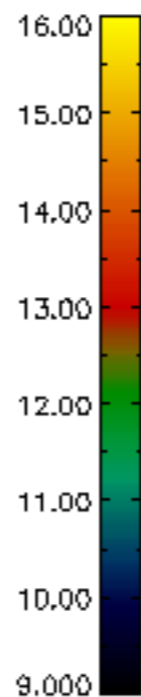
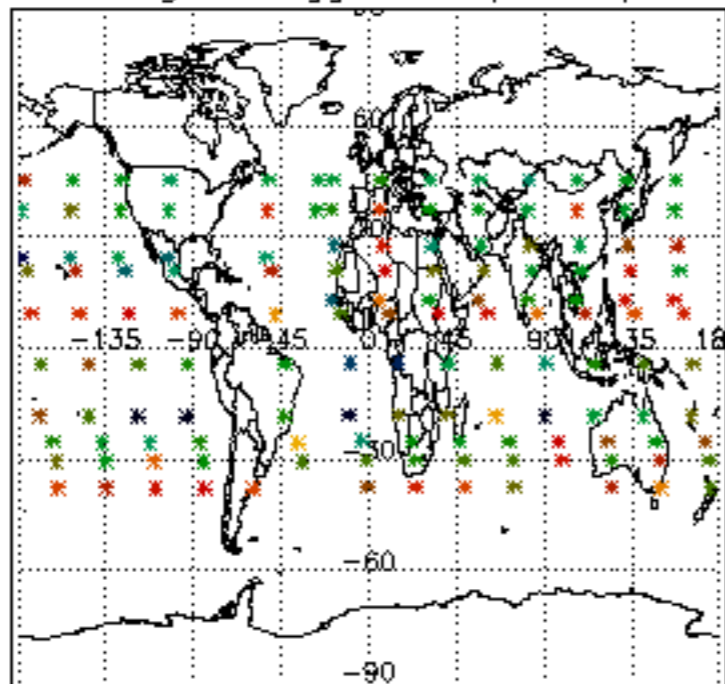
6. Auxiliary Data Files used for the production reported in section 2

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.

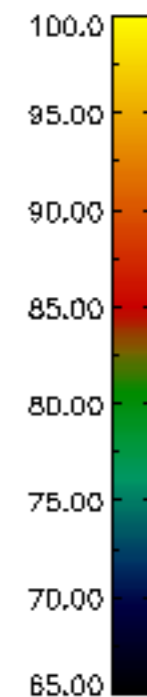
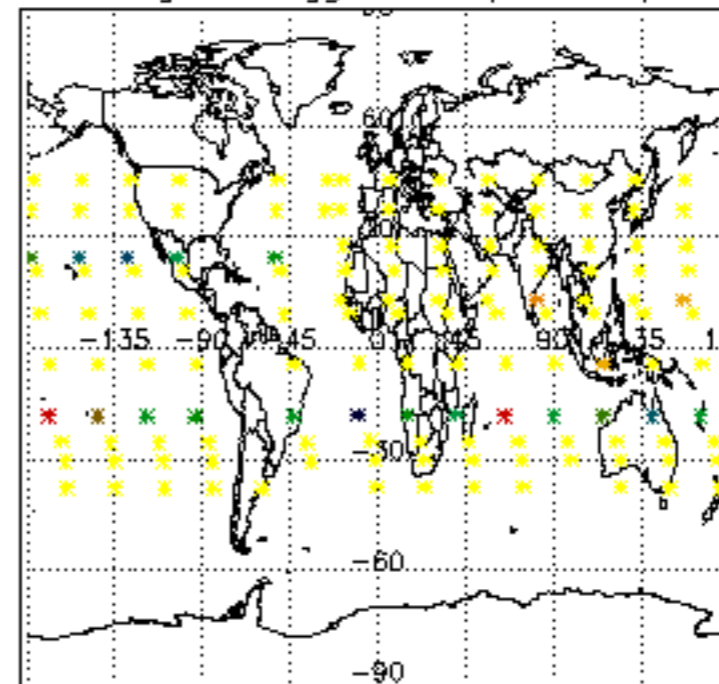
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	15-JAN-2010 00:02:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-JAN-2010 00:02:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-JAN-2010 00:02:29



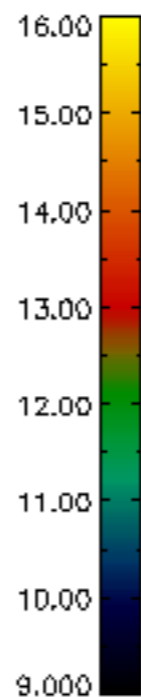
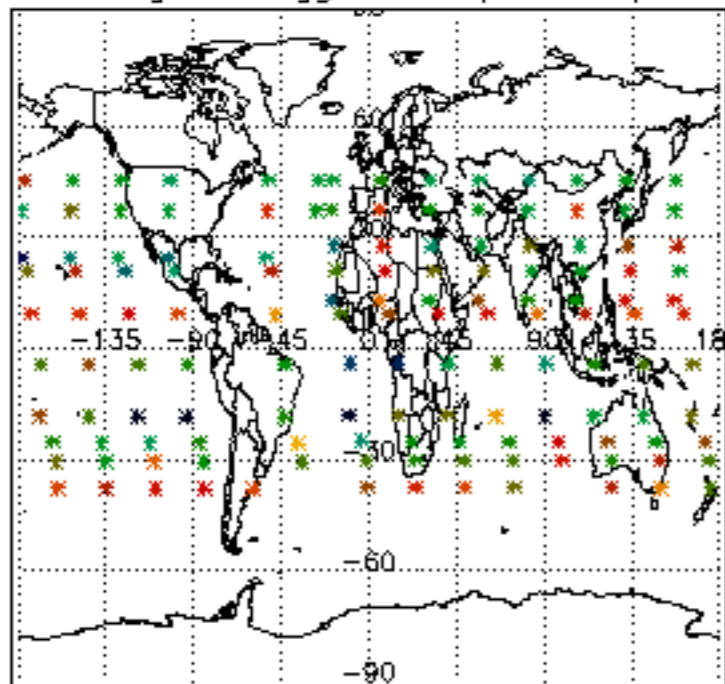
Percentage of flagged data per D3 profile



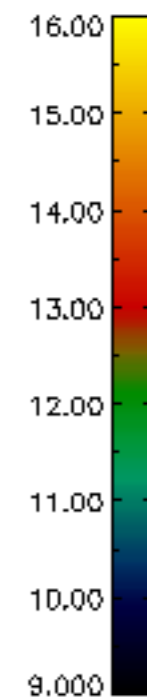
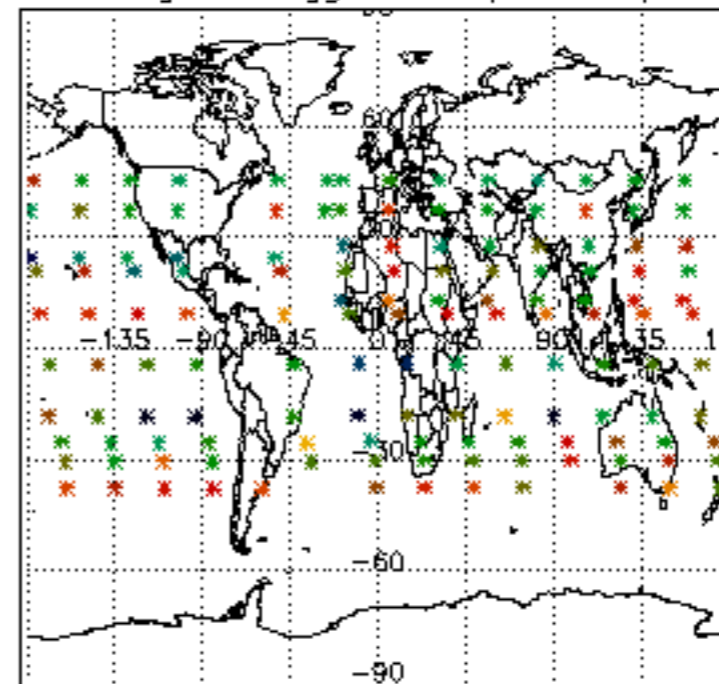
Percentage of flagged data per H2O profile

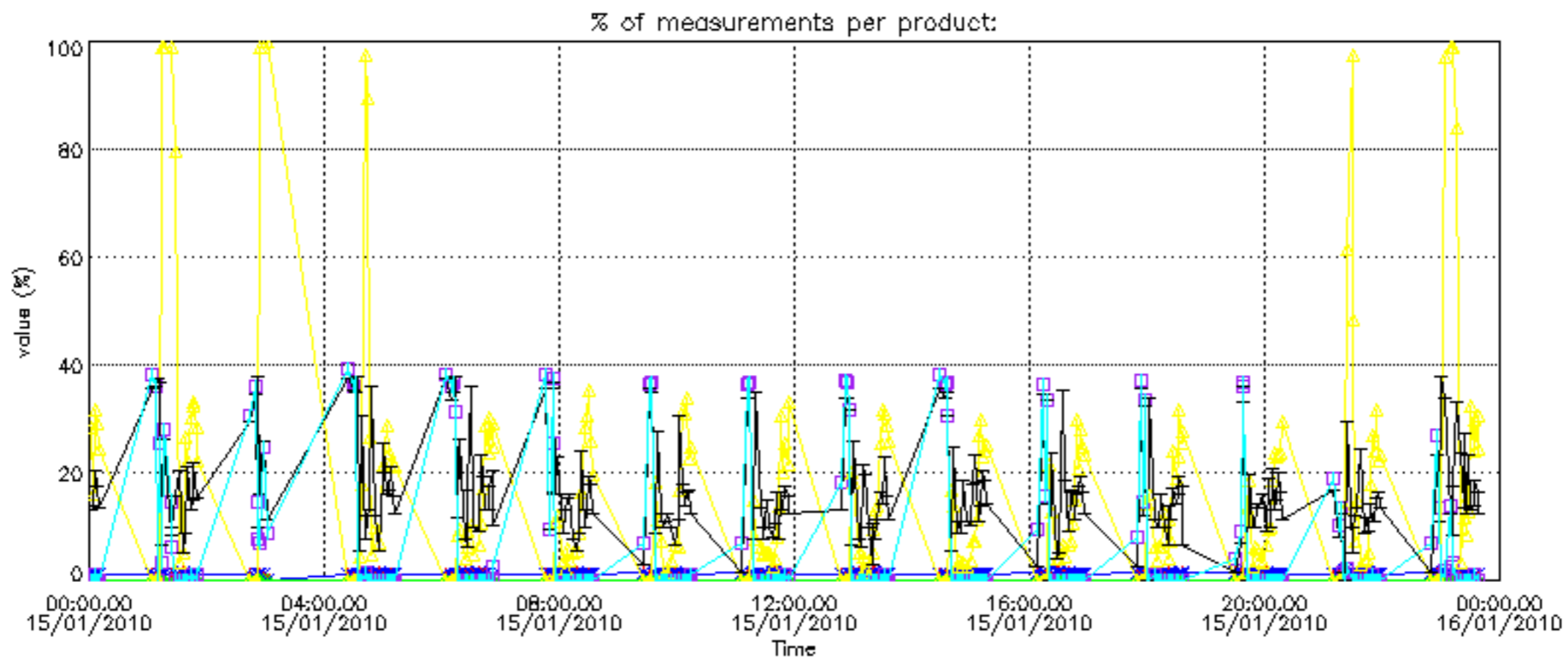


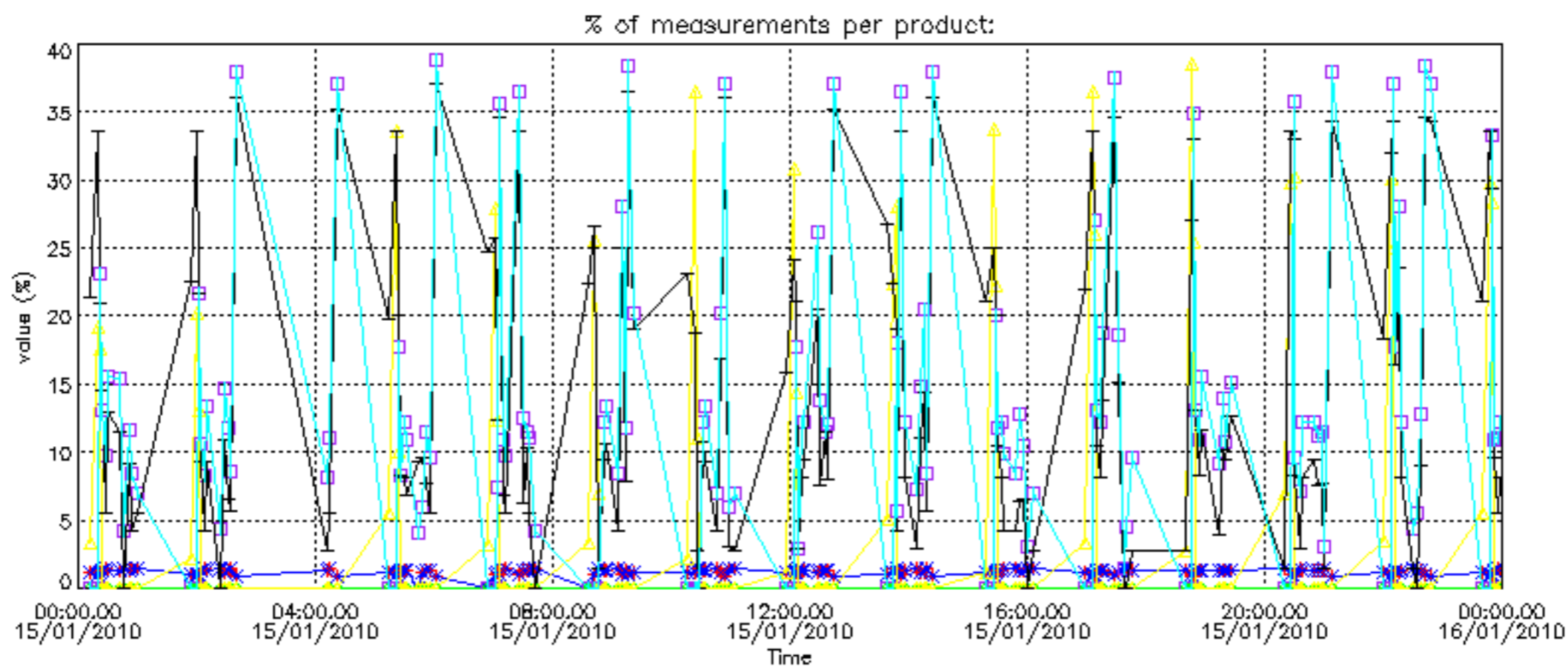
Percentage of flagged data per NO2 profile



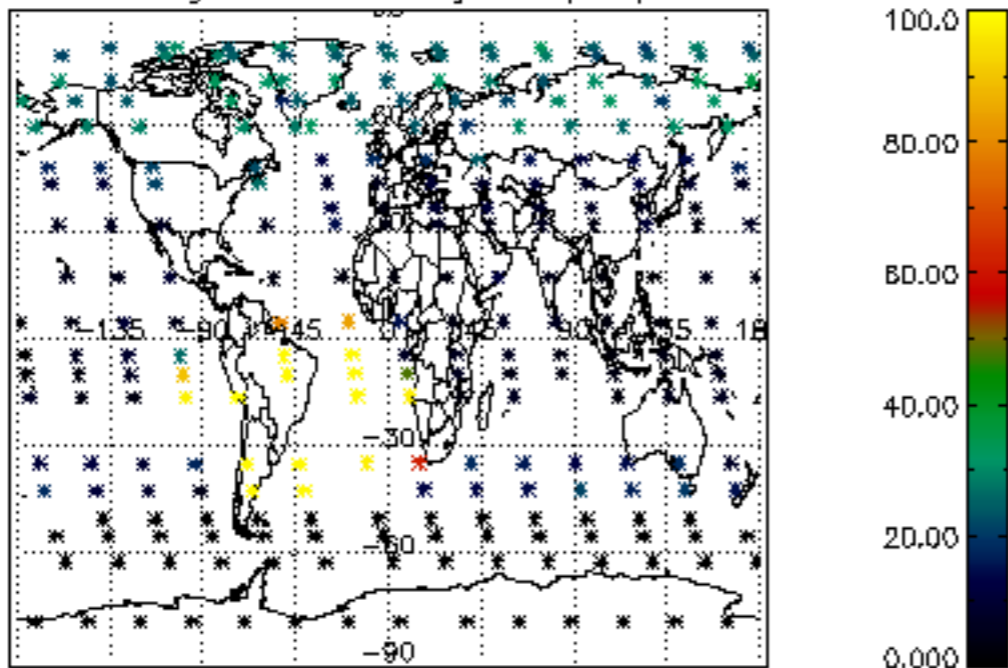
Percentage of flagged data per NO3 profile



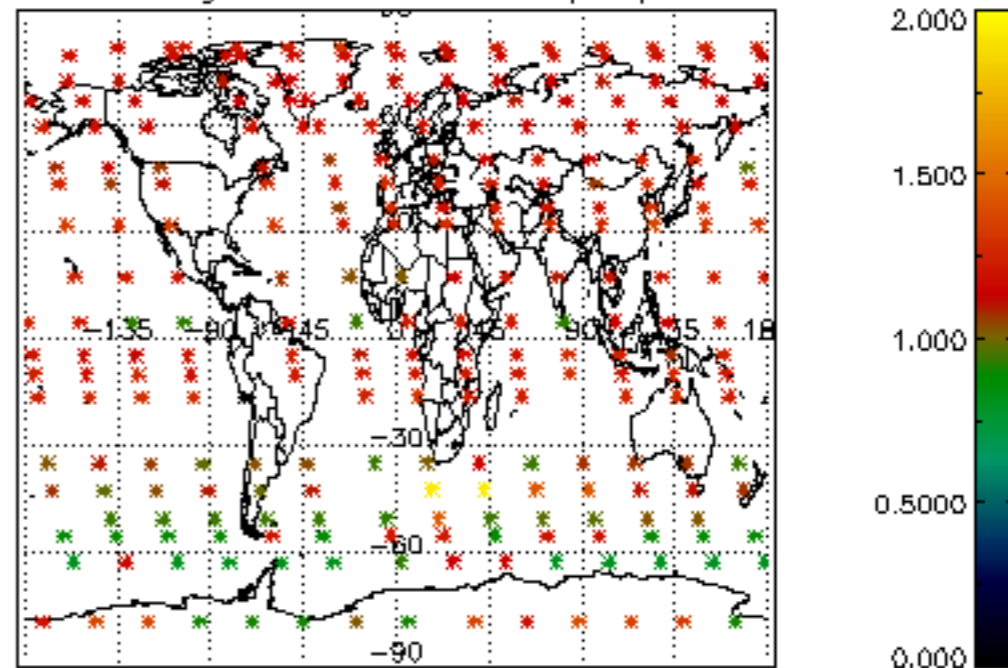




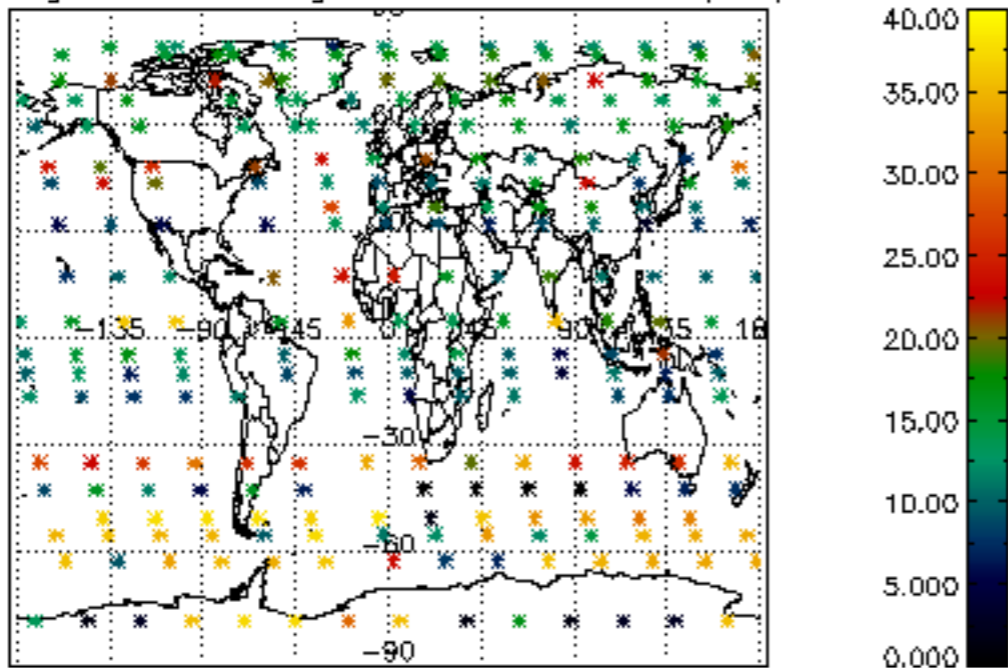
Percentage of cosmic ray hits per profile



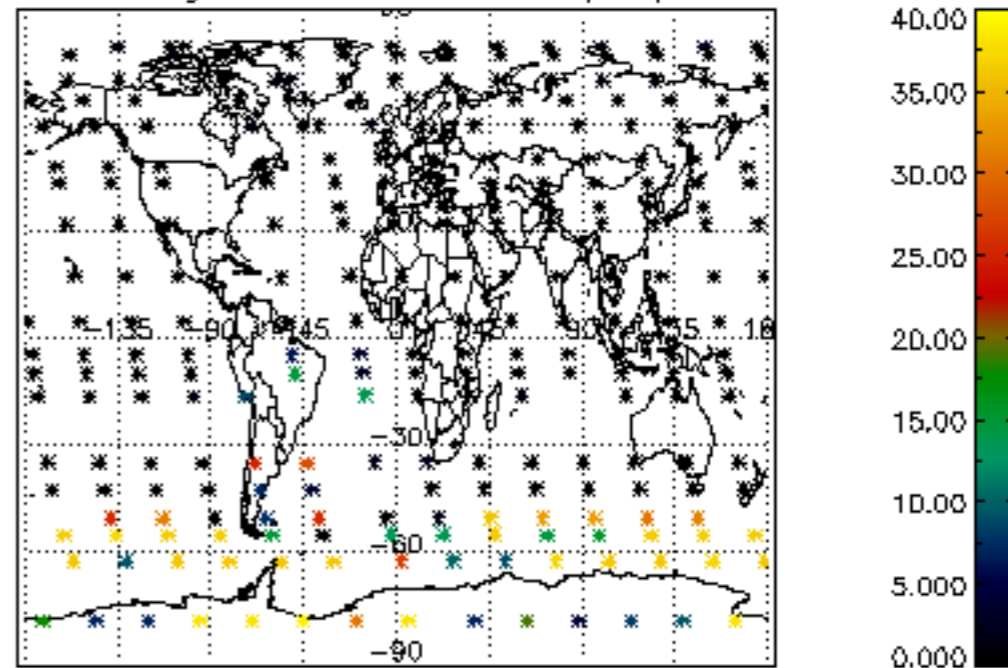
Percentage of datation errors per profile



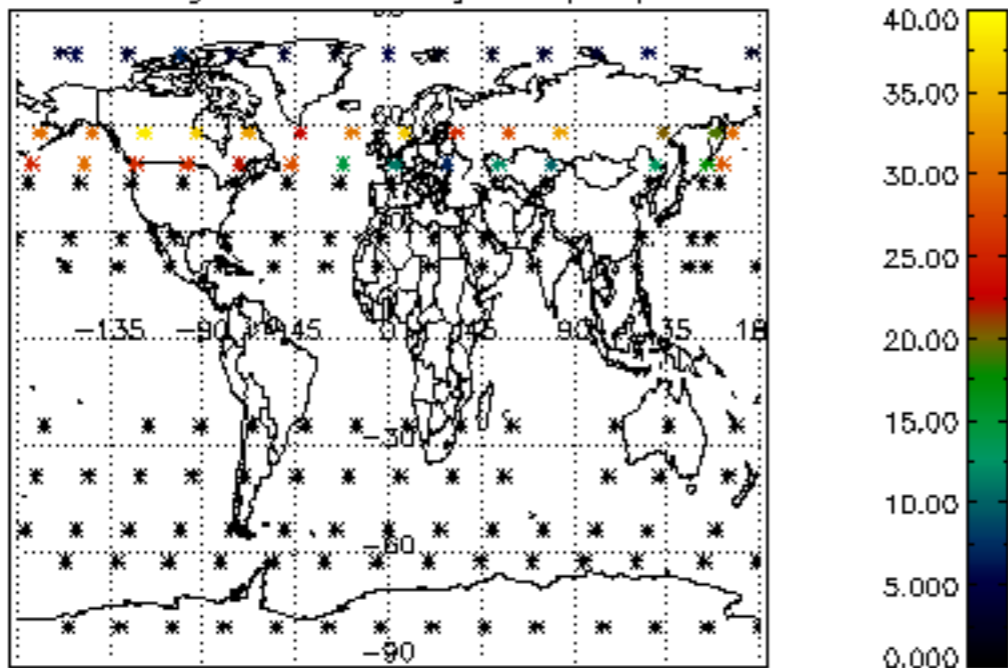
Percentage of star falling outside central band per profile



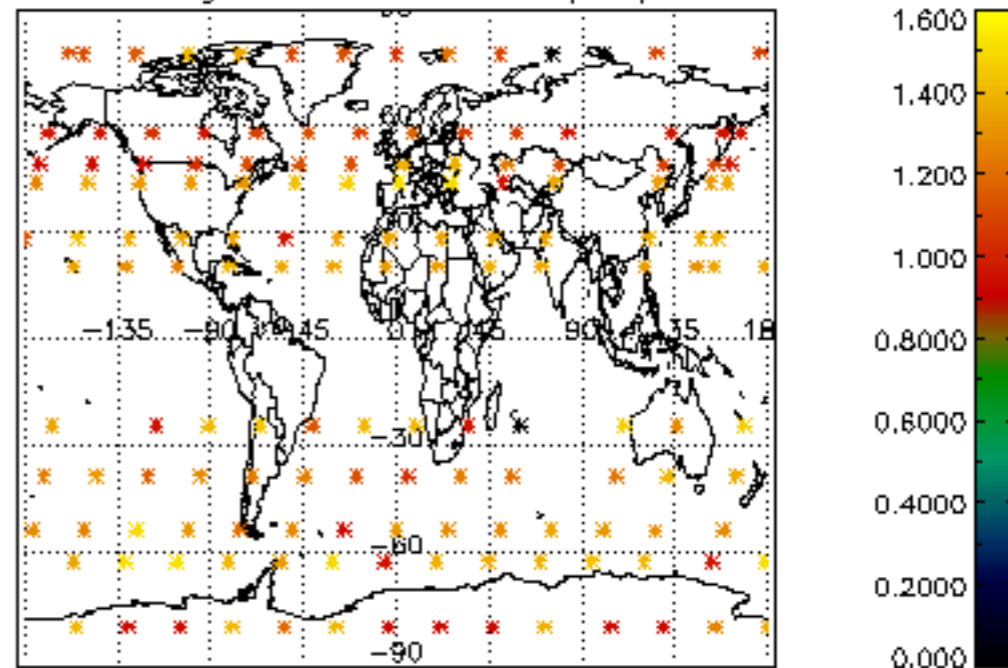
Percentage of saturation errors per profile



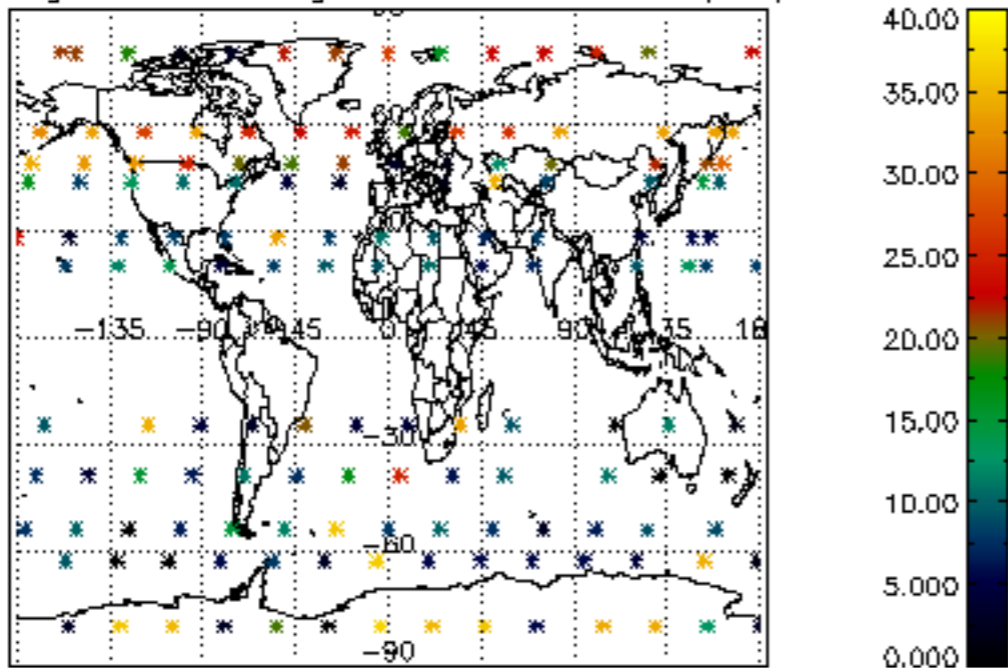
Percentage of cosmic ray hits per profile



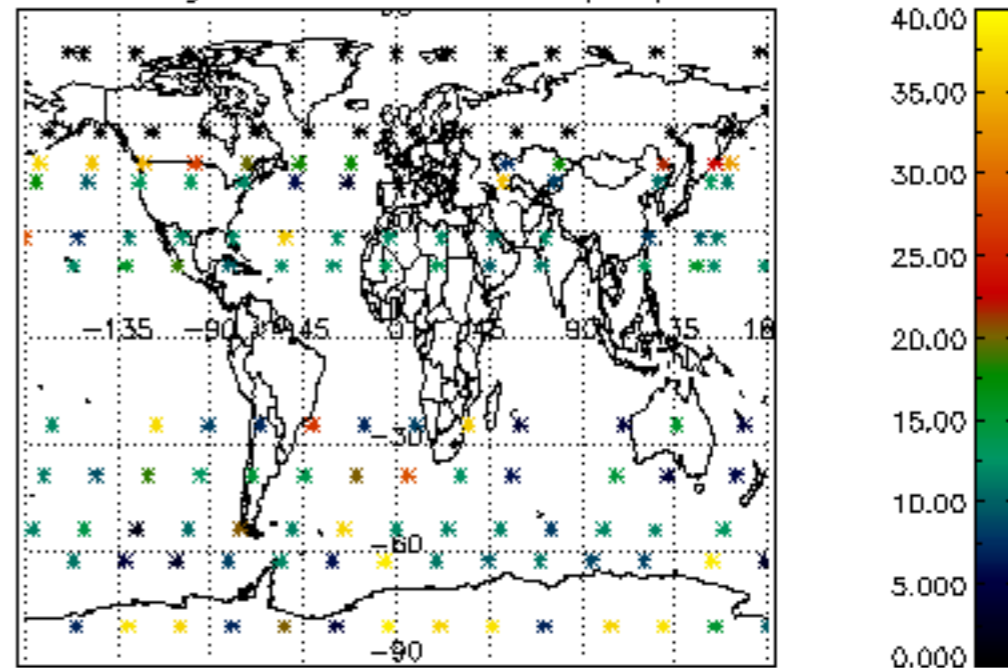
Percentage of datation errors per profile

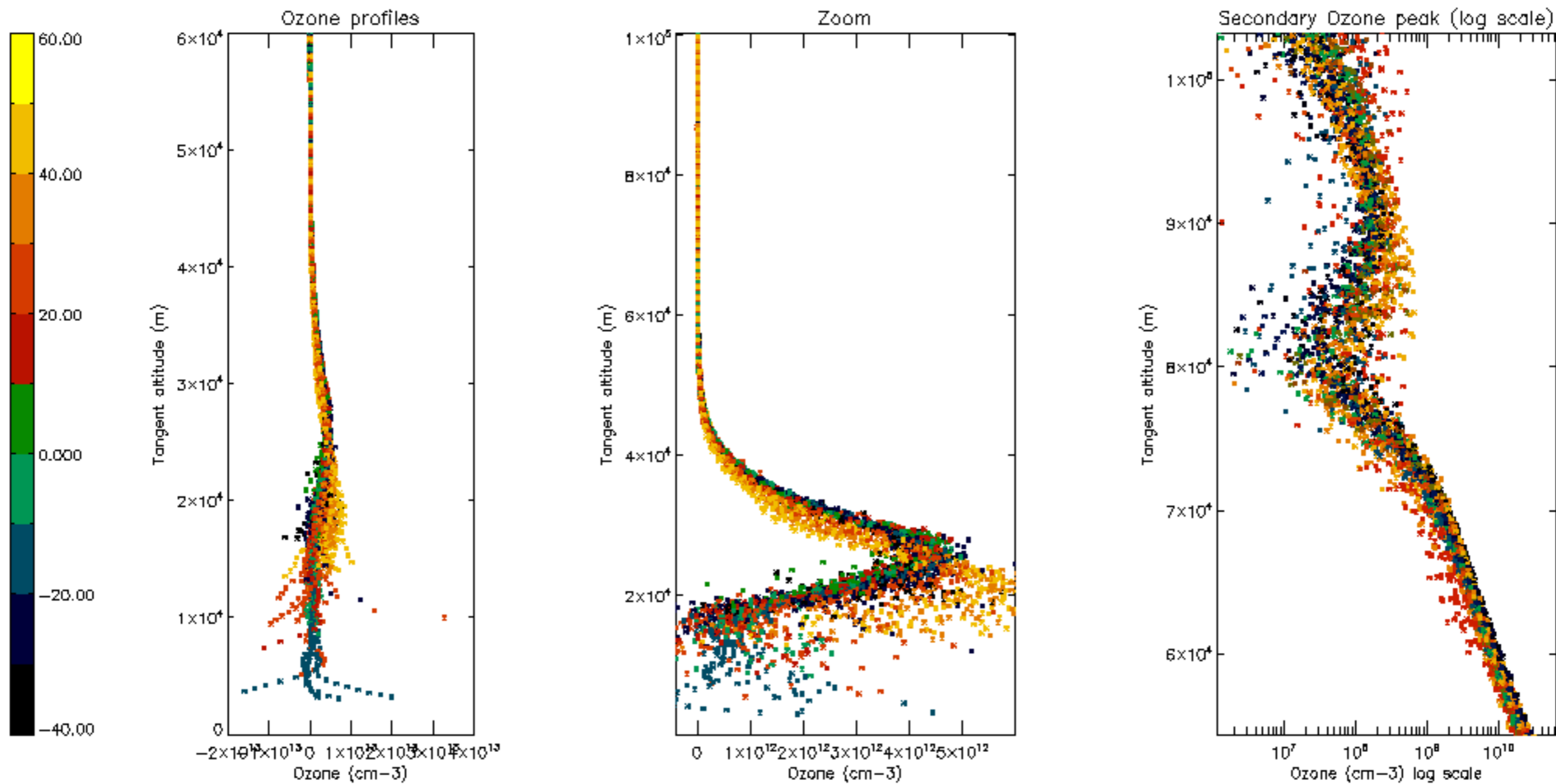


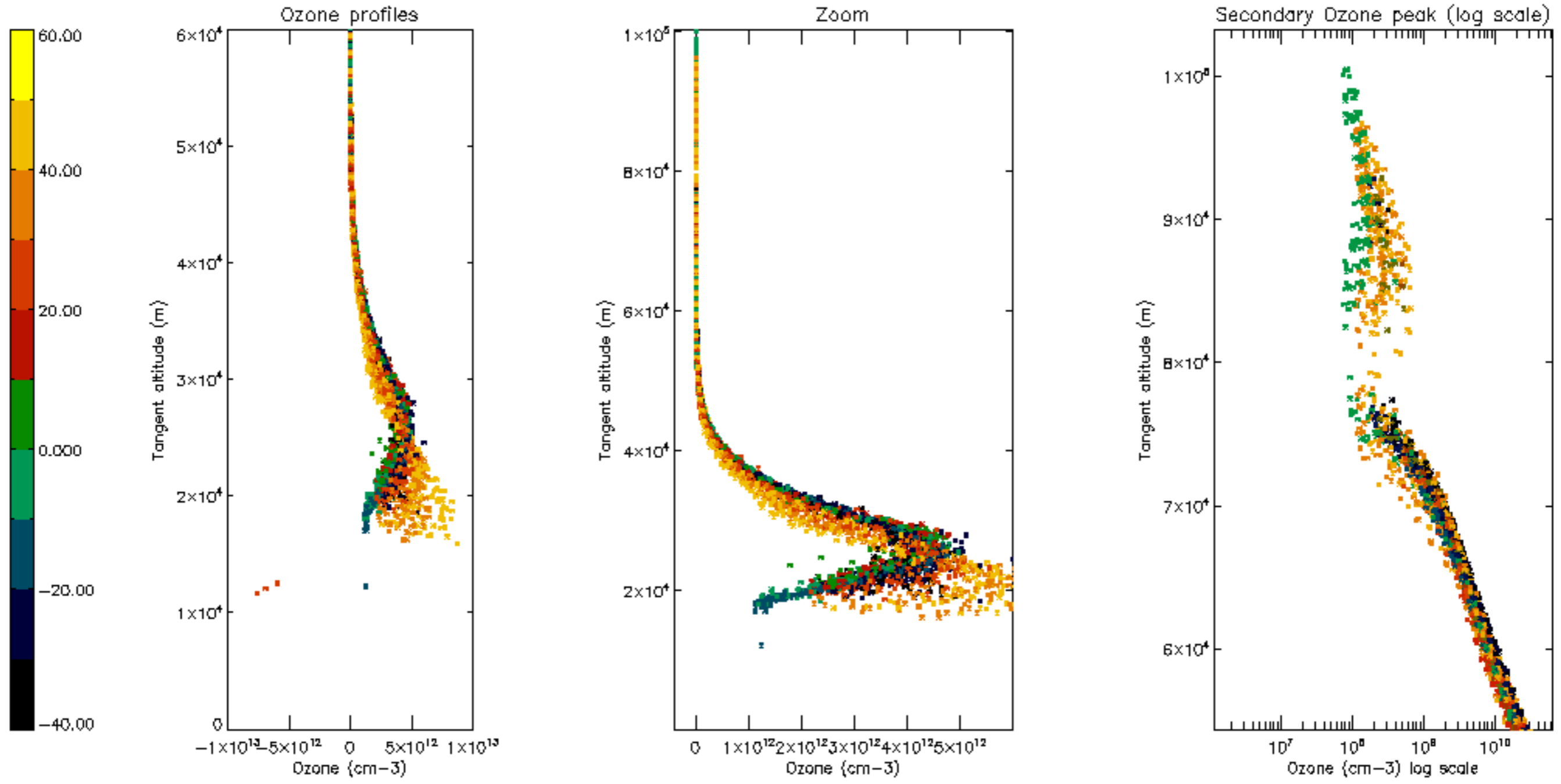
Percentage of star falling outside central band per profile

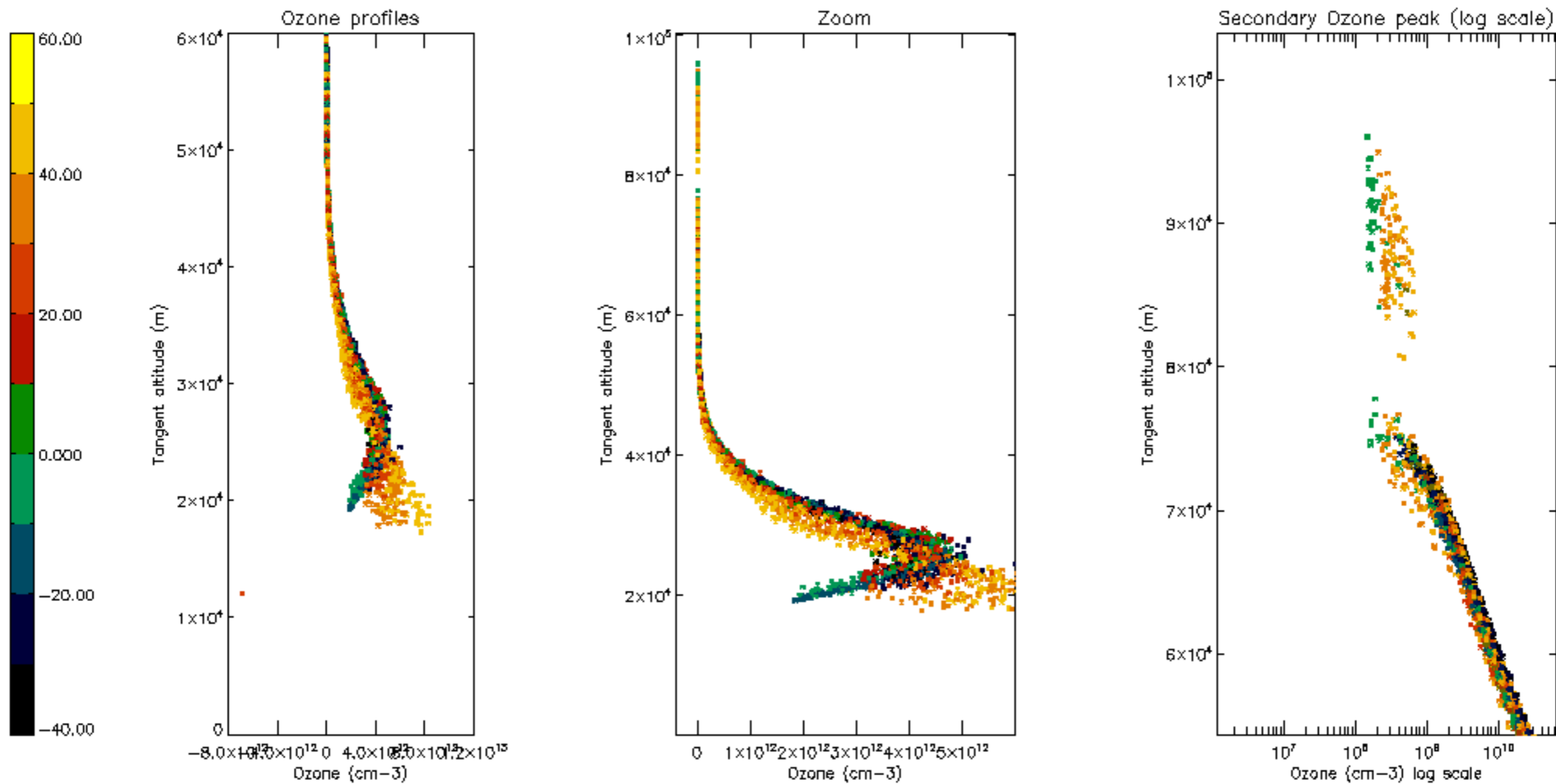


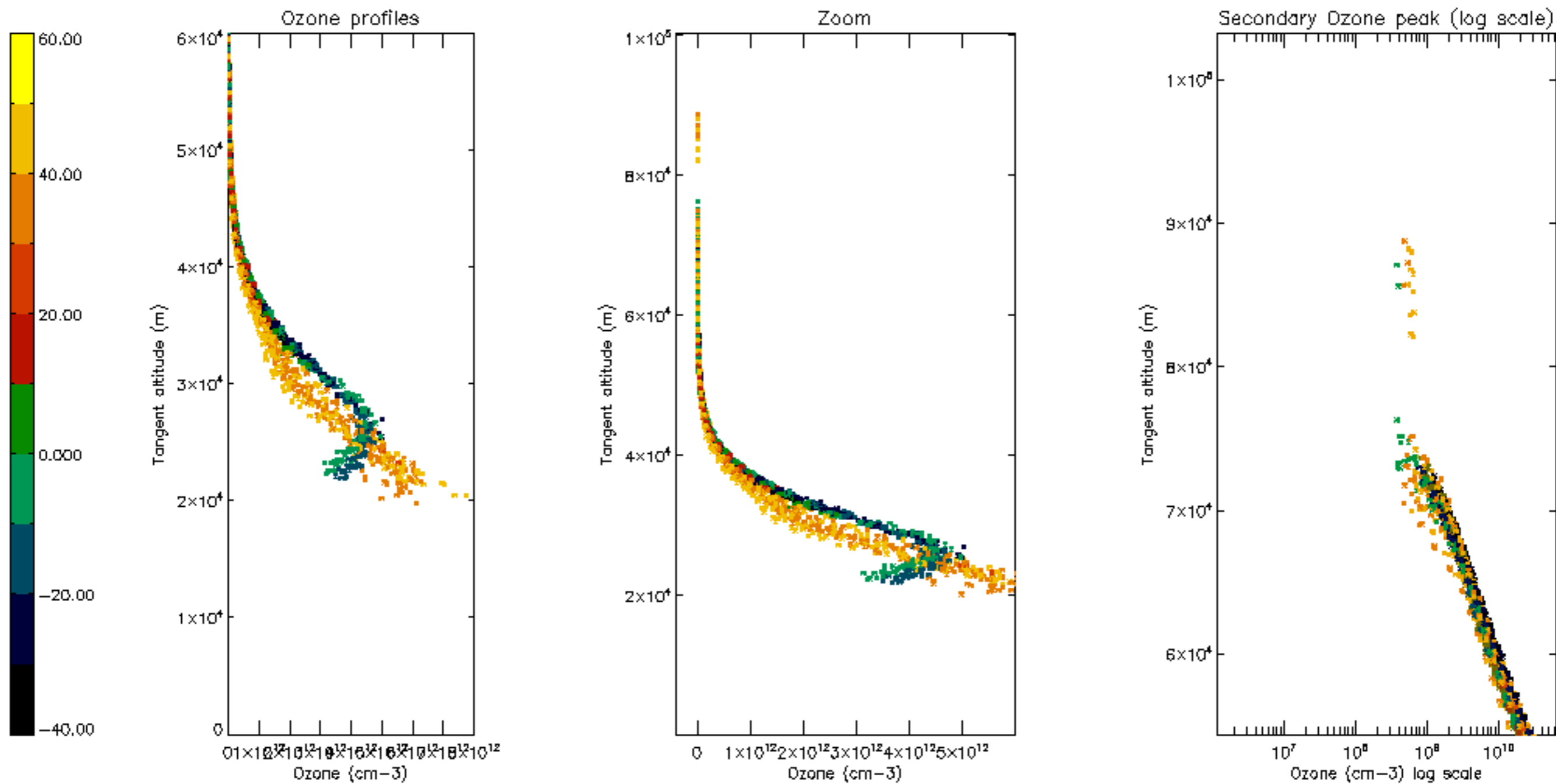
Percentage of saturation errors per profile

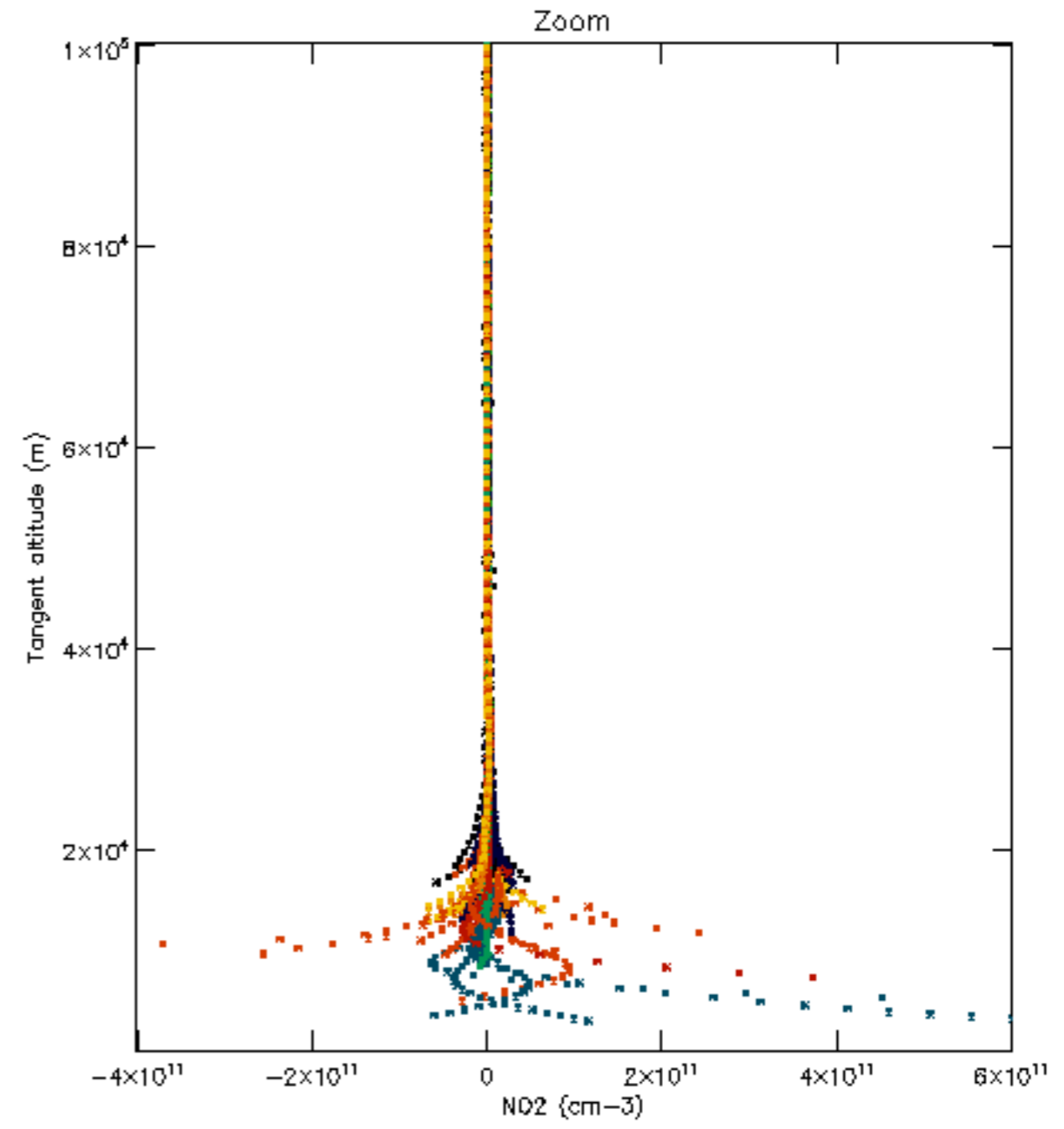
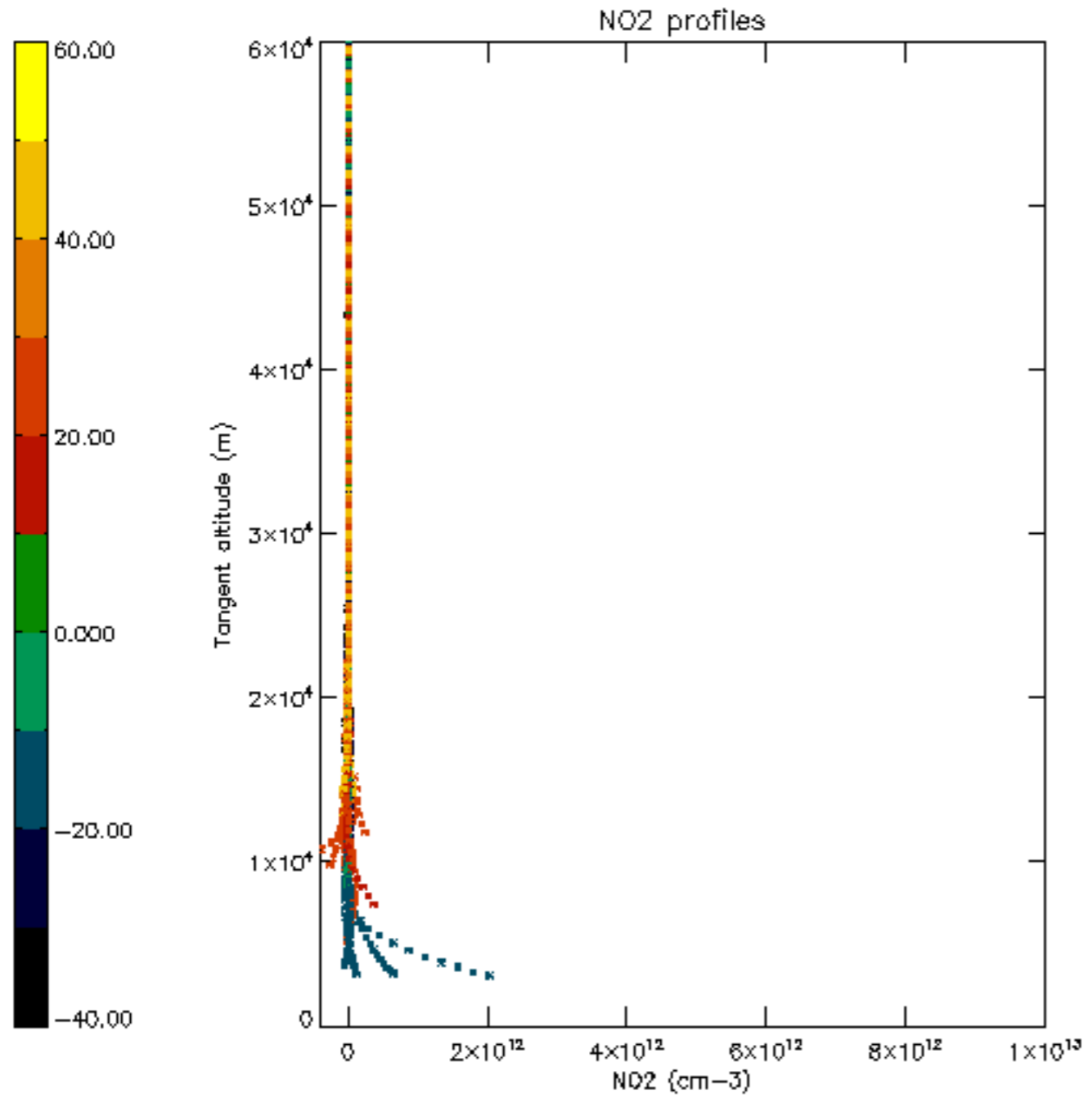


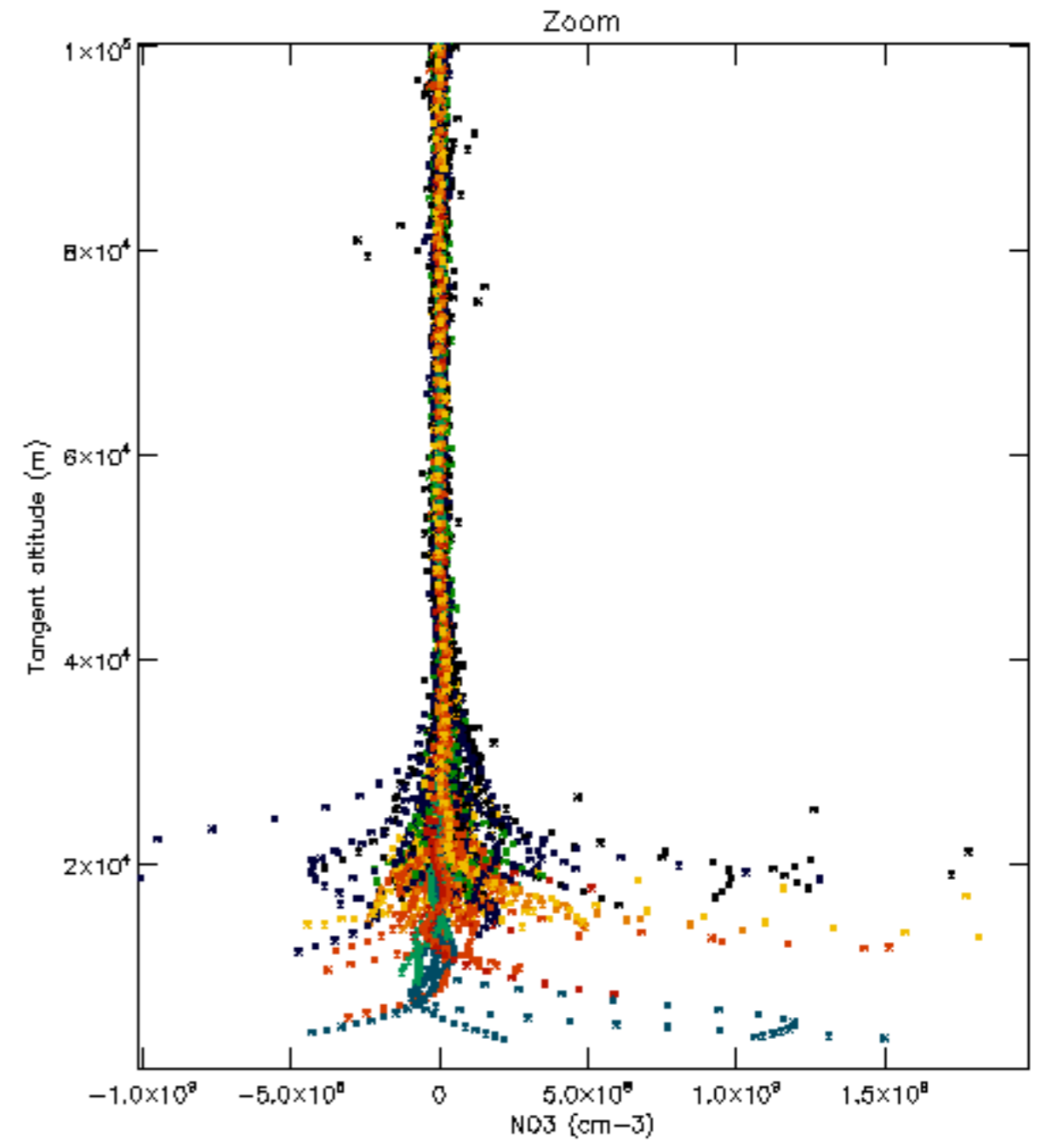
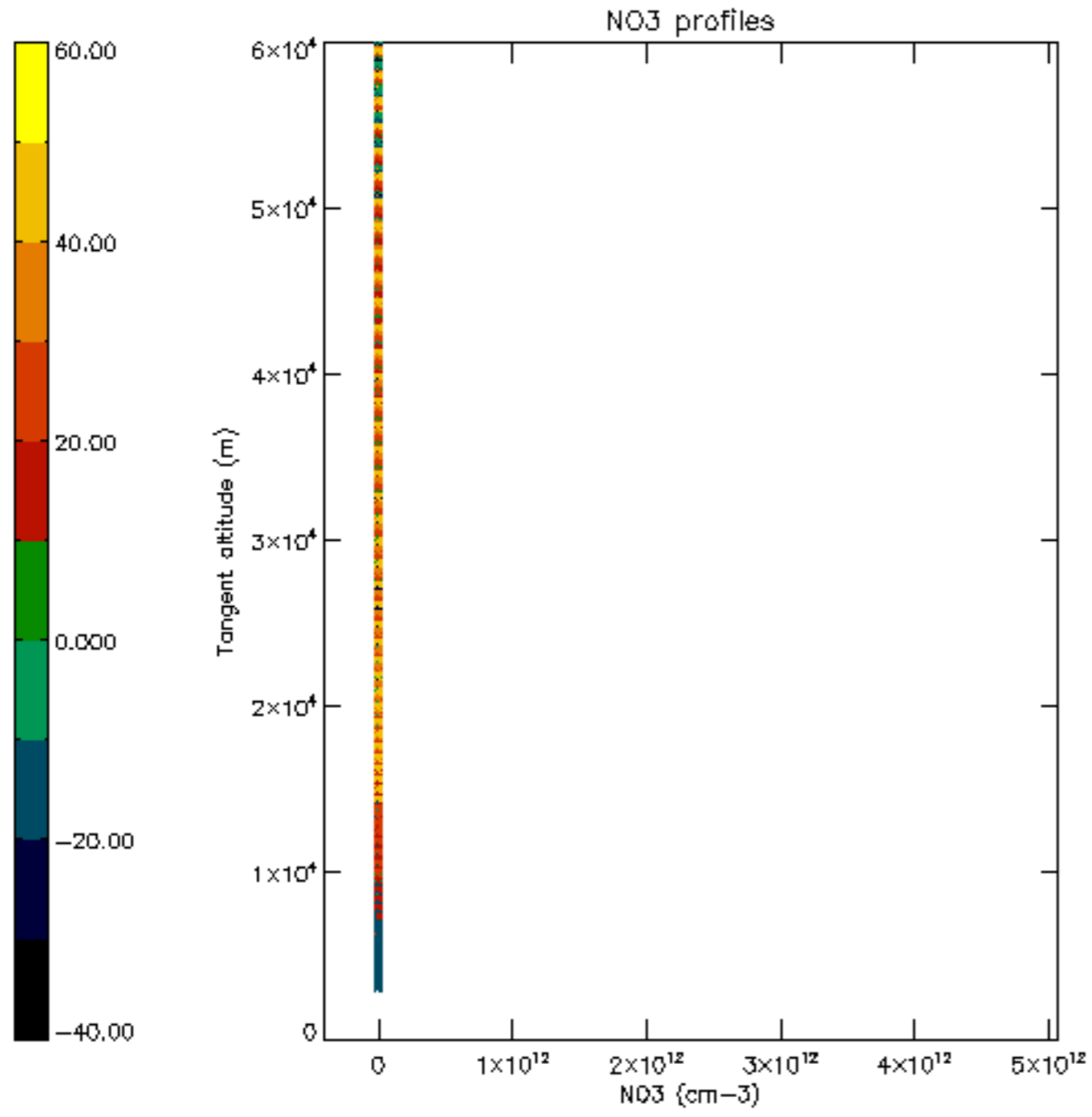


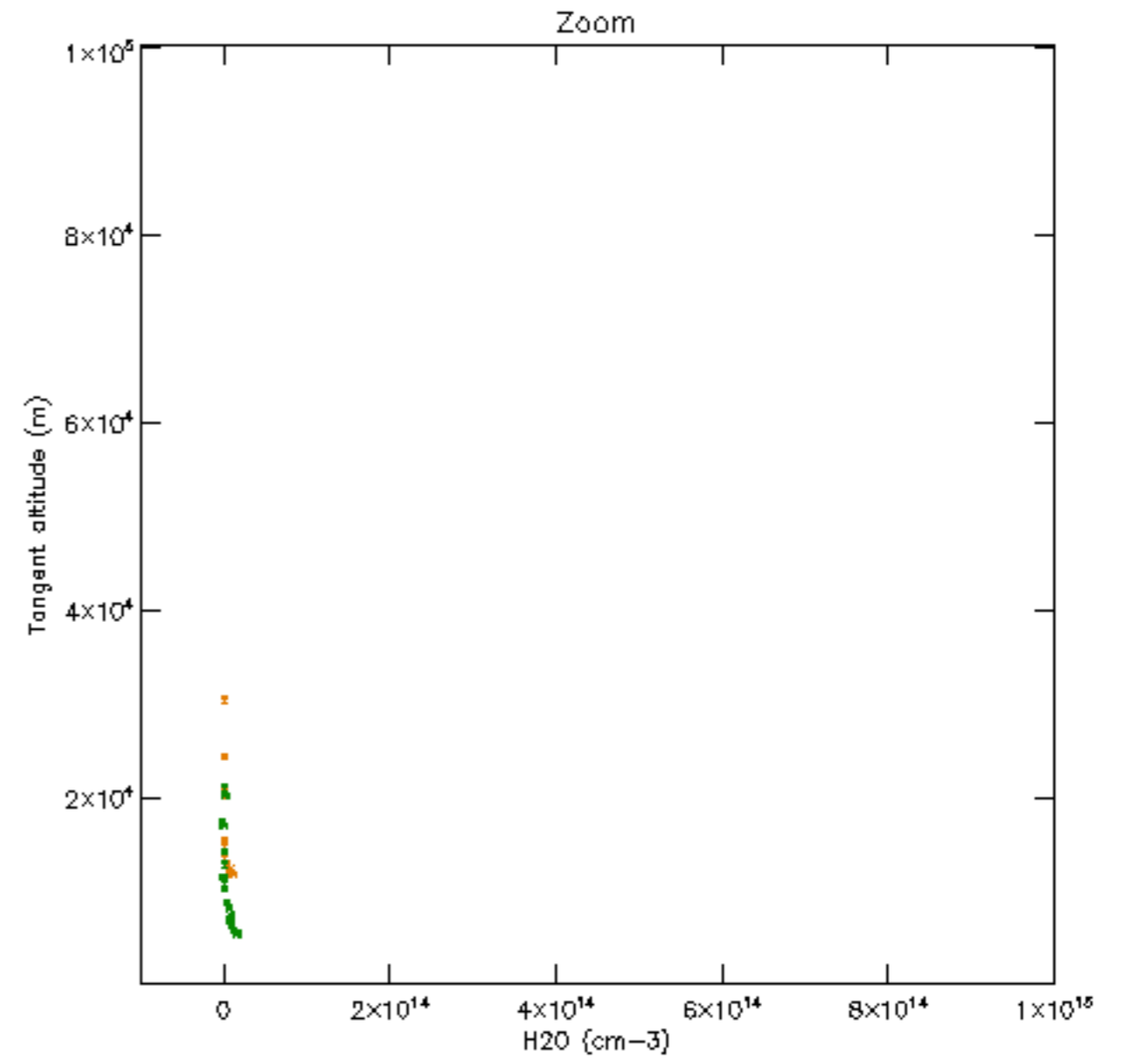
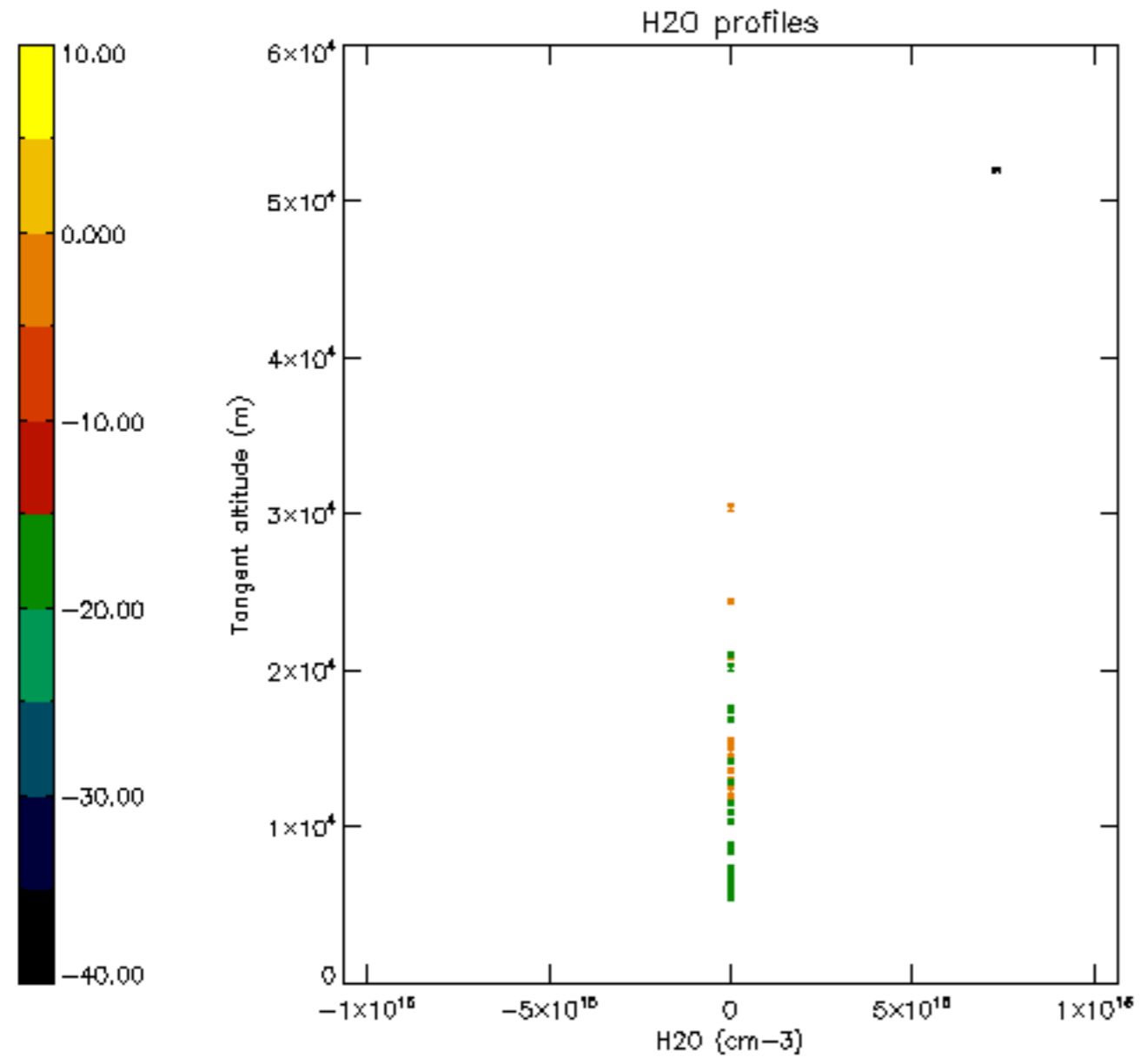


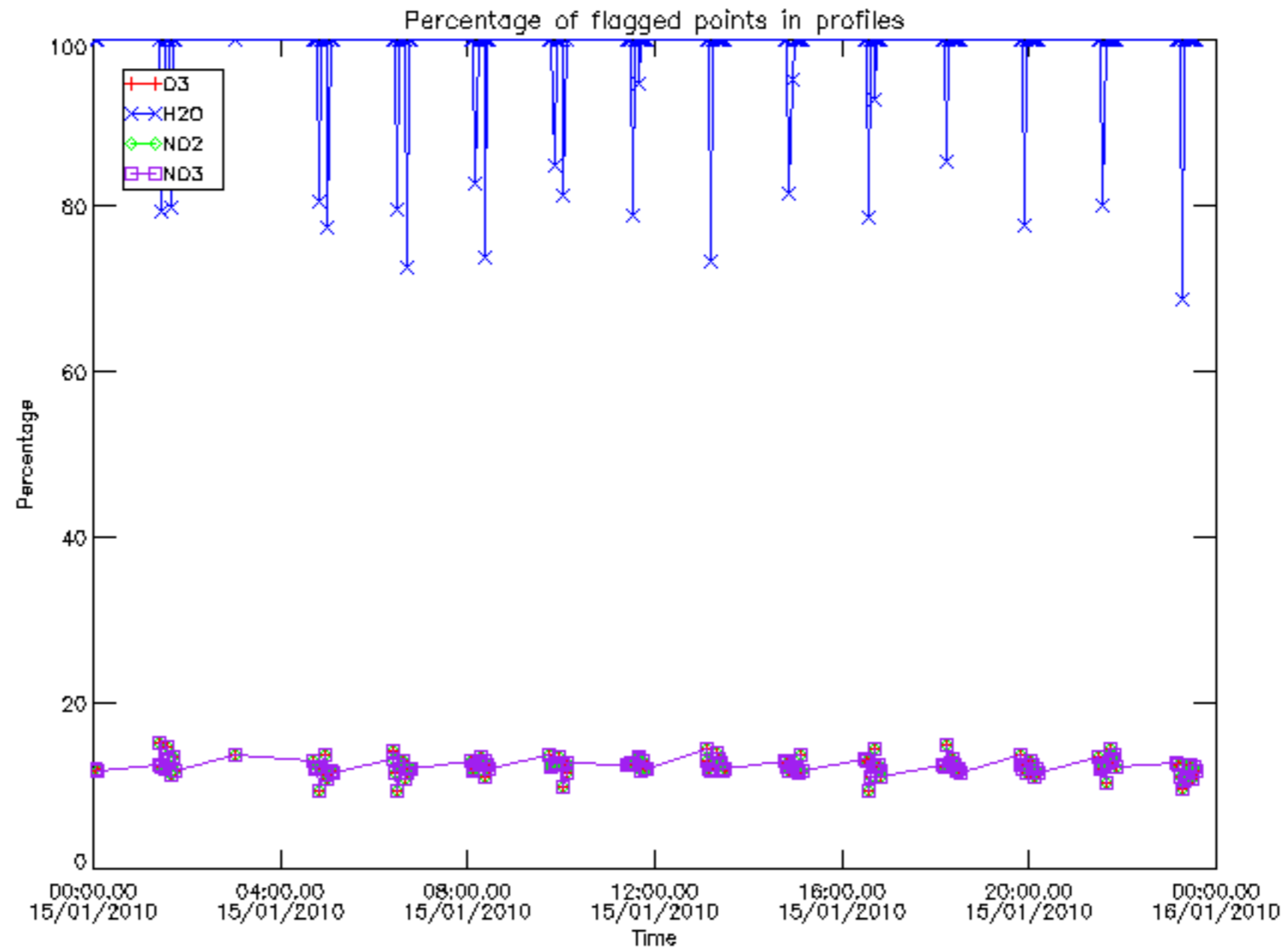




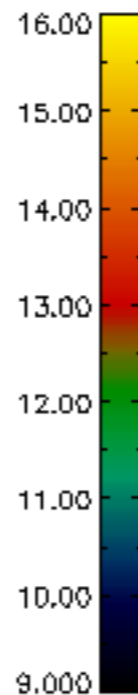
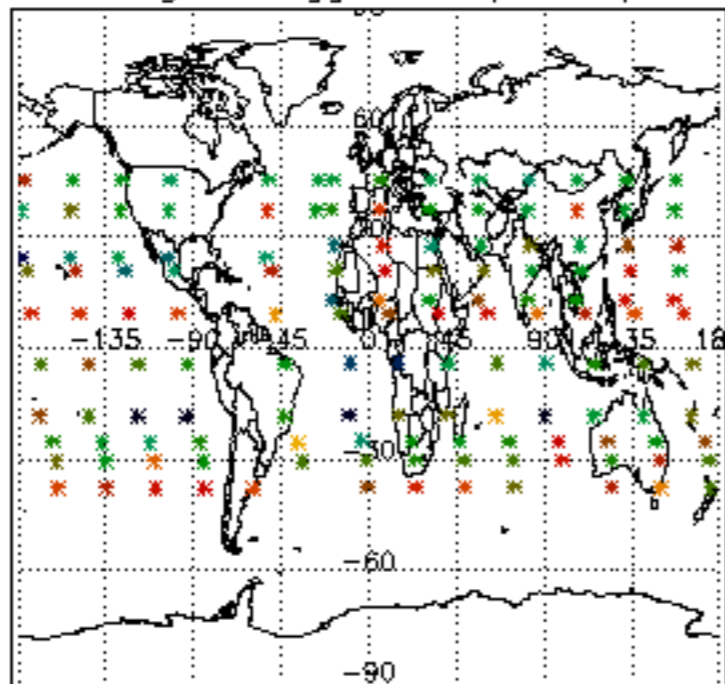




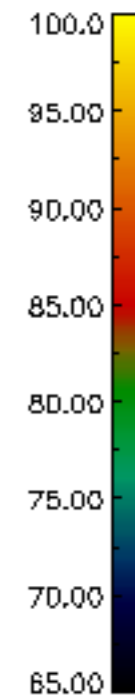
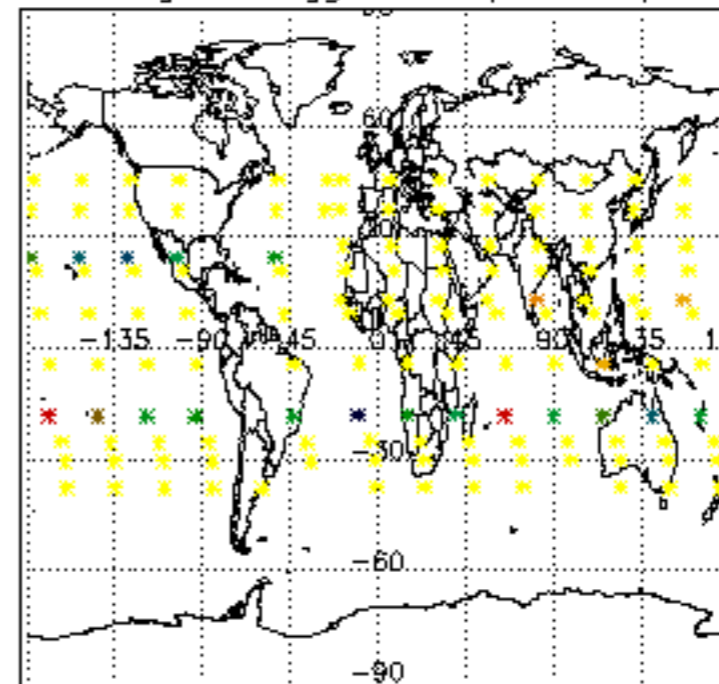




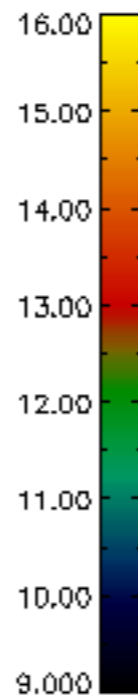
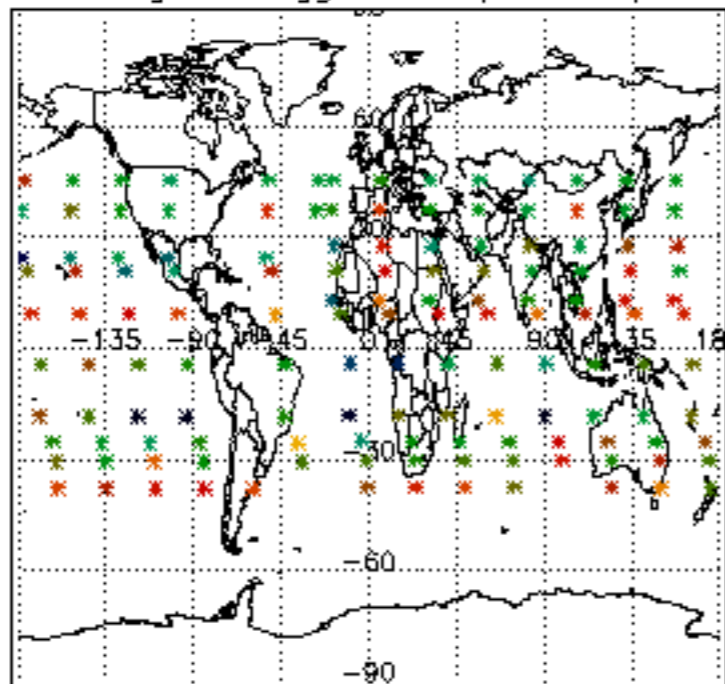
Percentage of flagged data per D3 profile



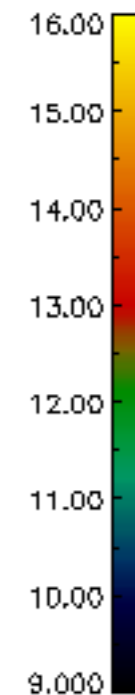
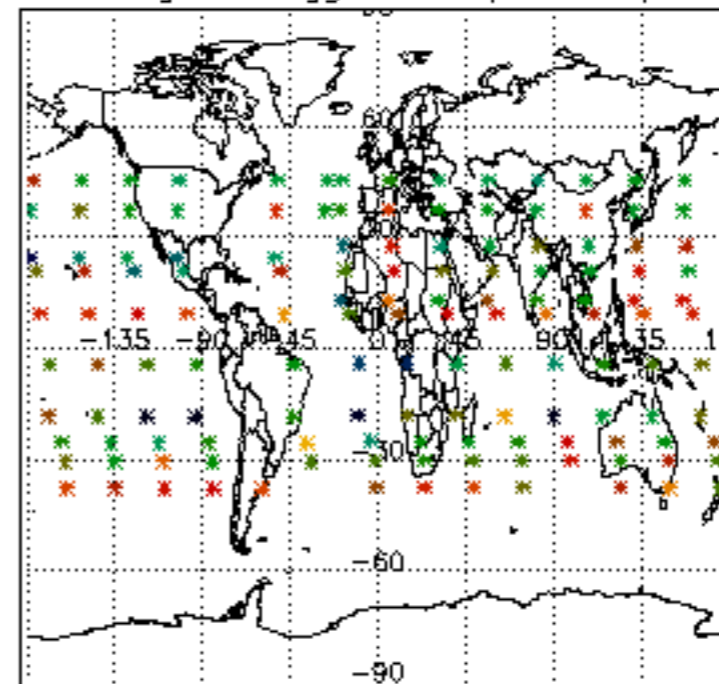
Percentage of flagged data per H2O profile

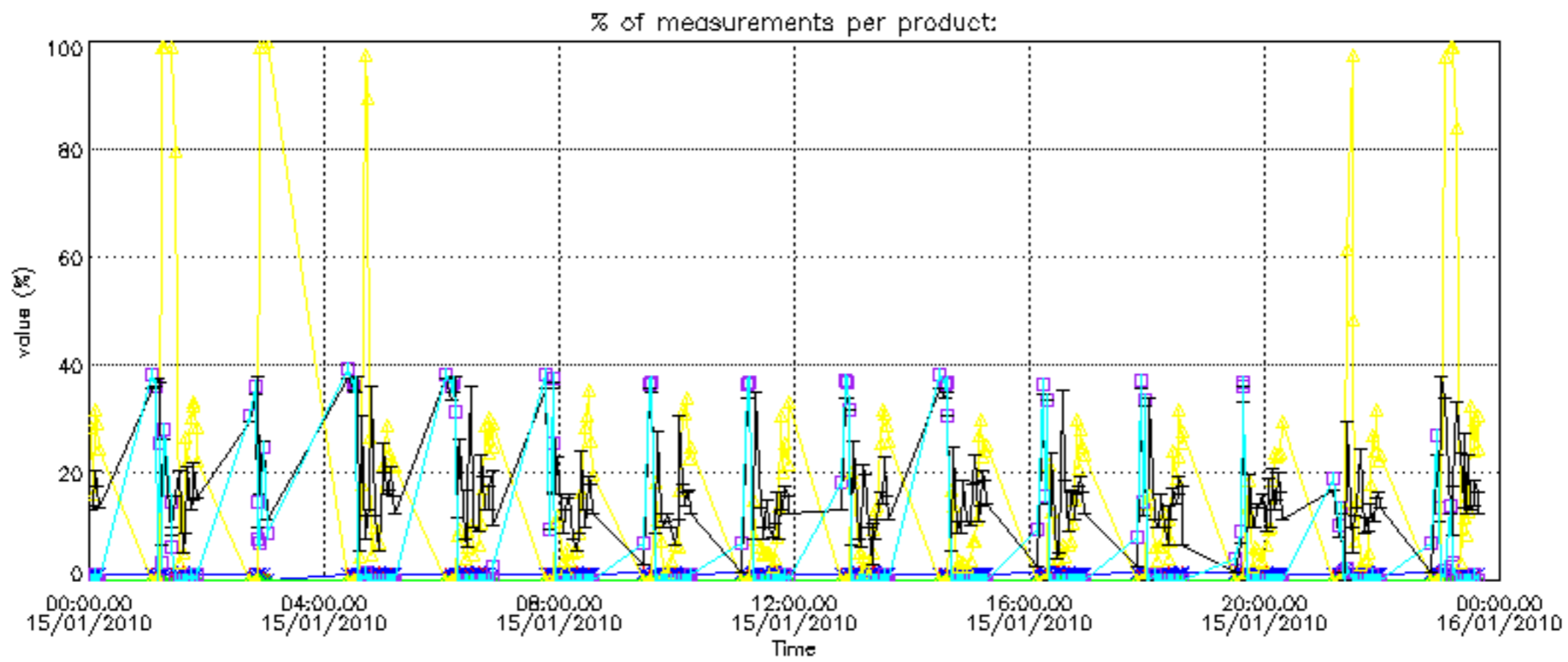


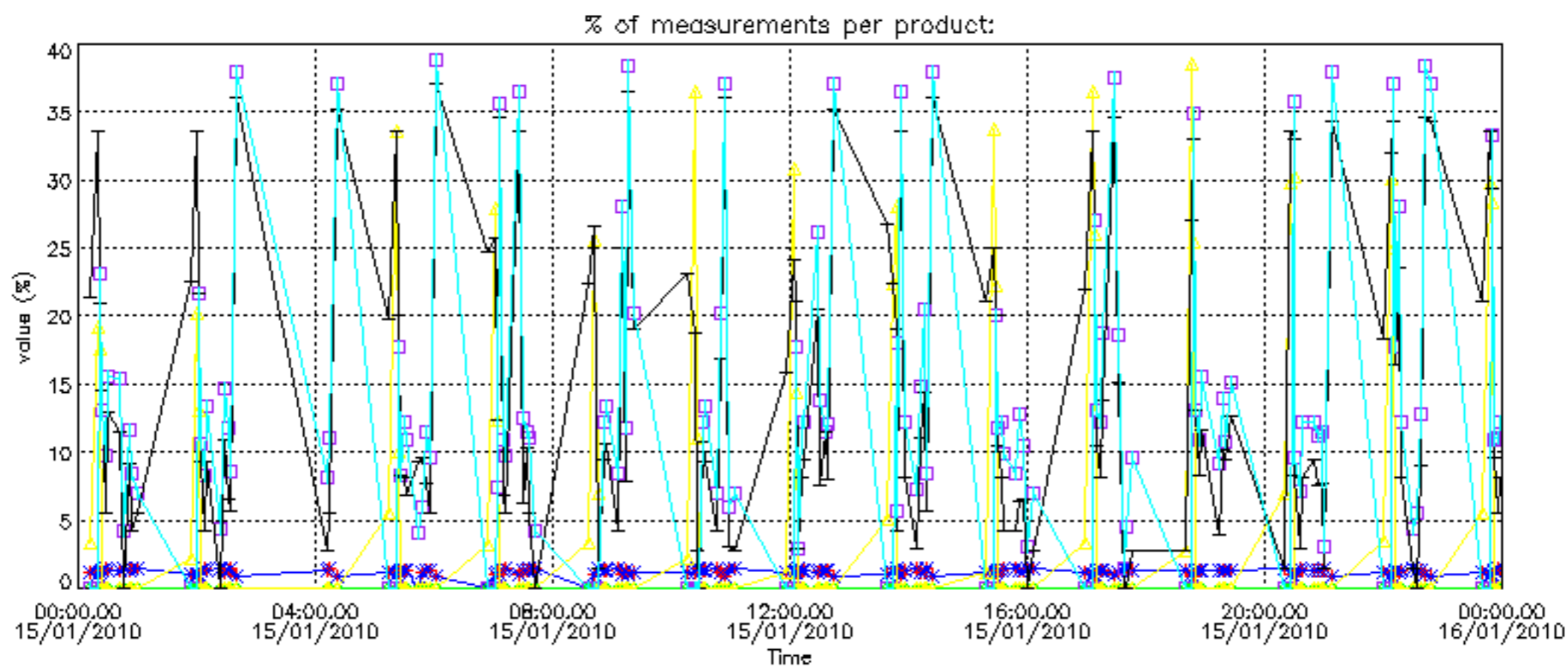
Percentage of flagged data per NO2 profile



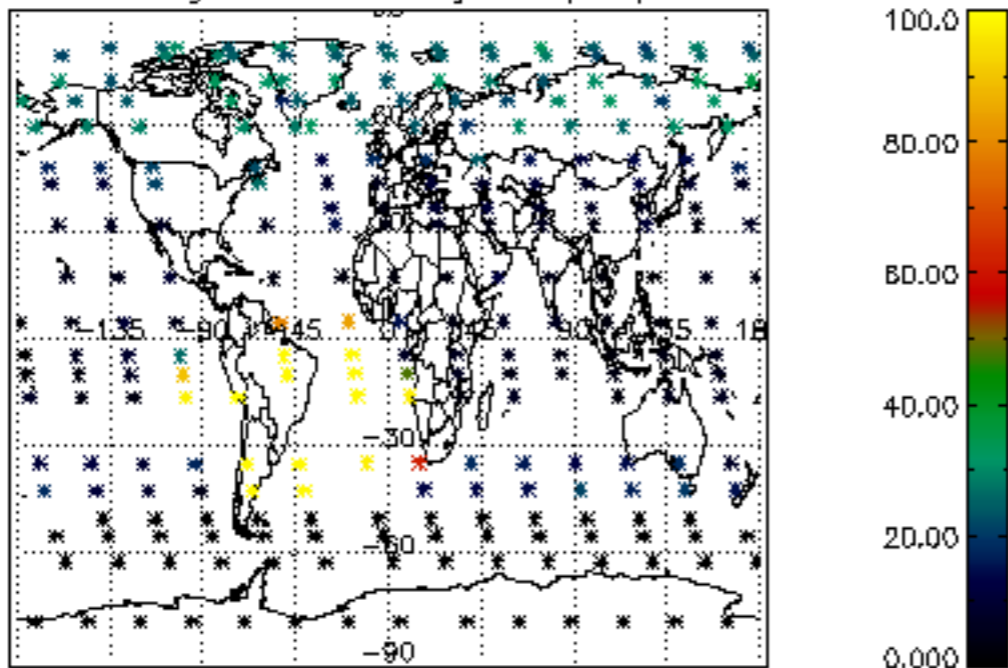
Percentage of flagged data per NO3 profile



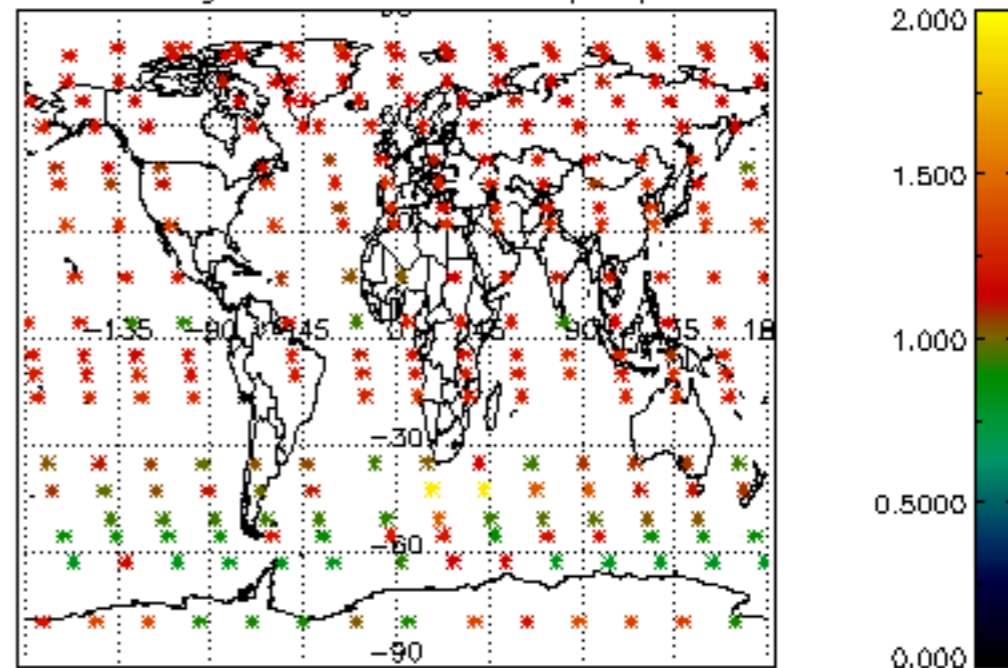




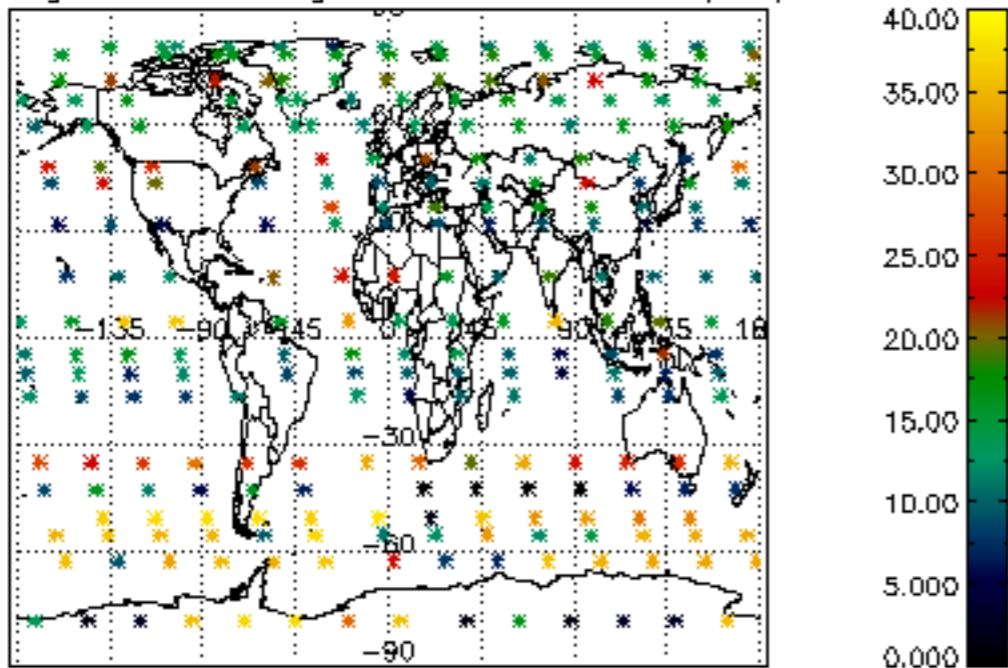
Percentage of cosmic ray hits per profile



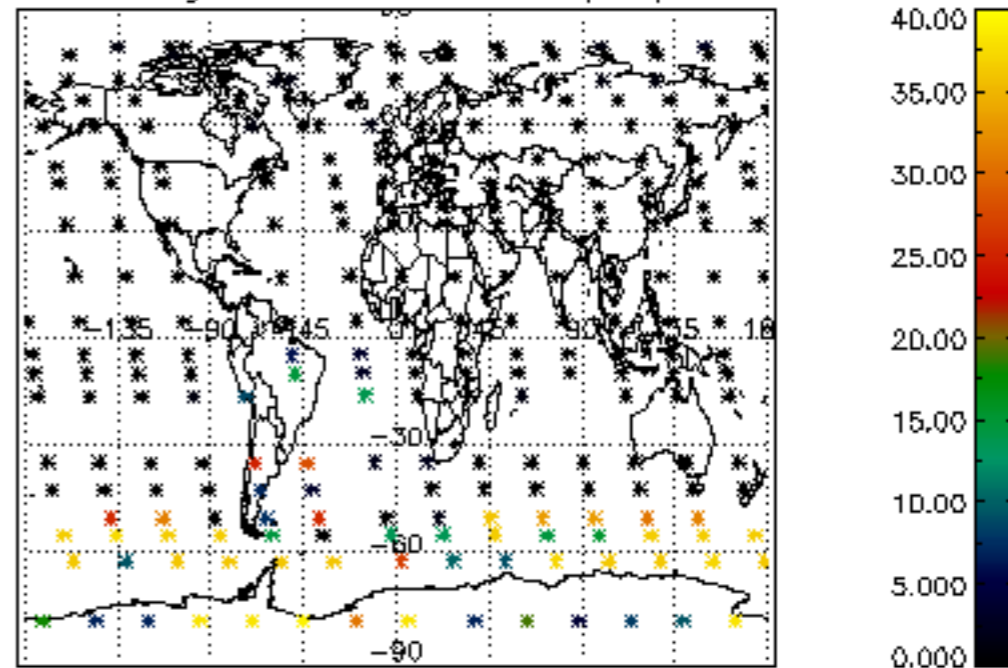
Percentage of datation errors per profile



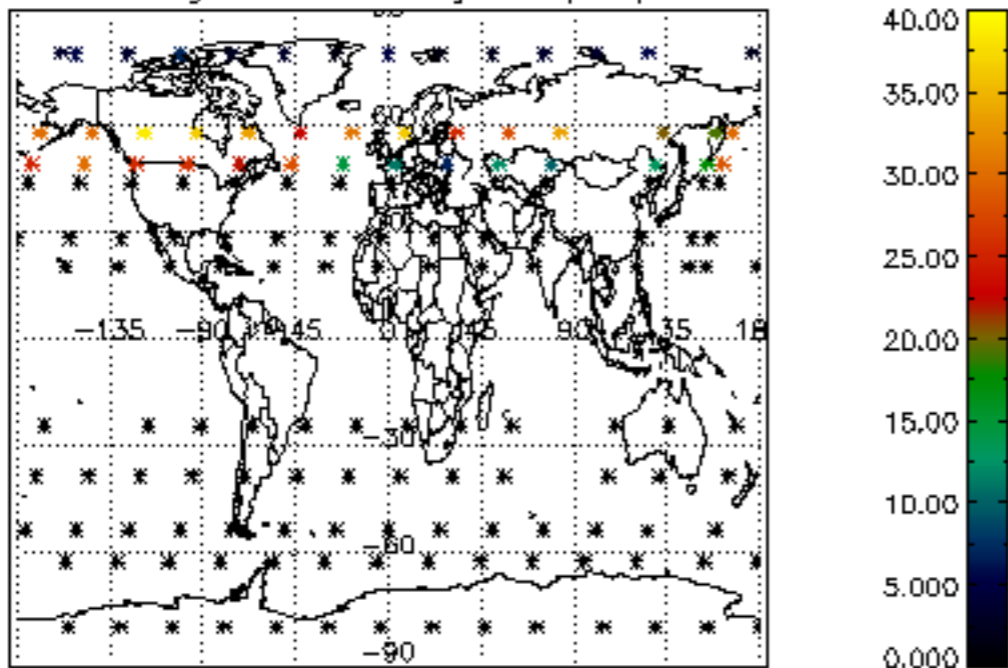
Percentage of star falling outside central band per profile



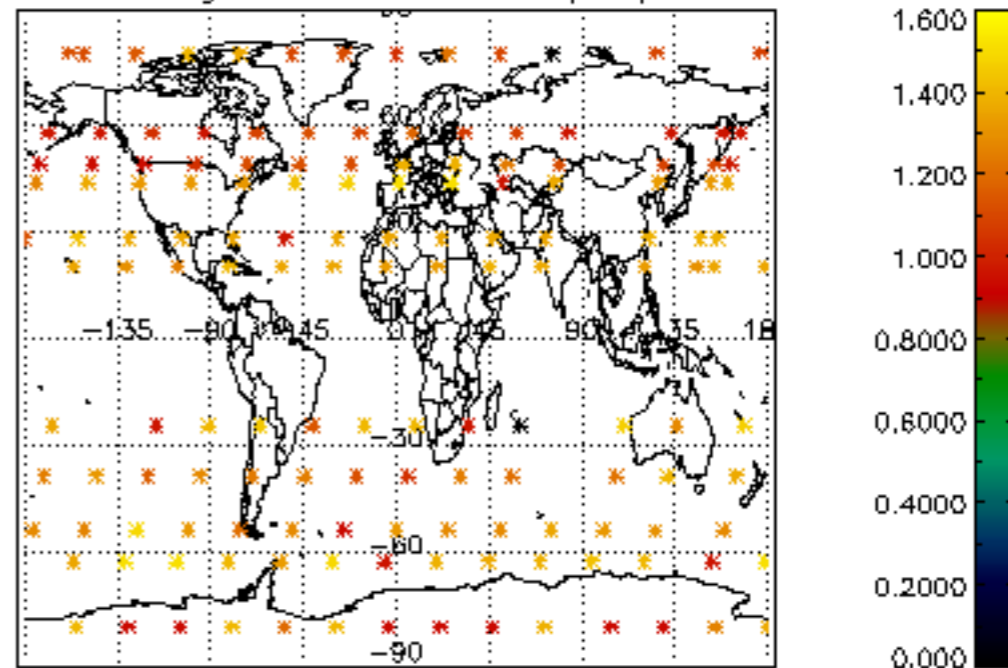
Percentage of saturation errors per profile



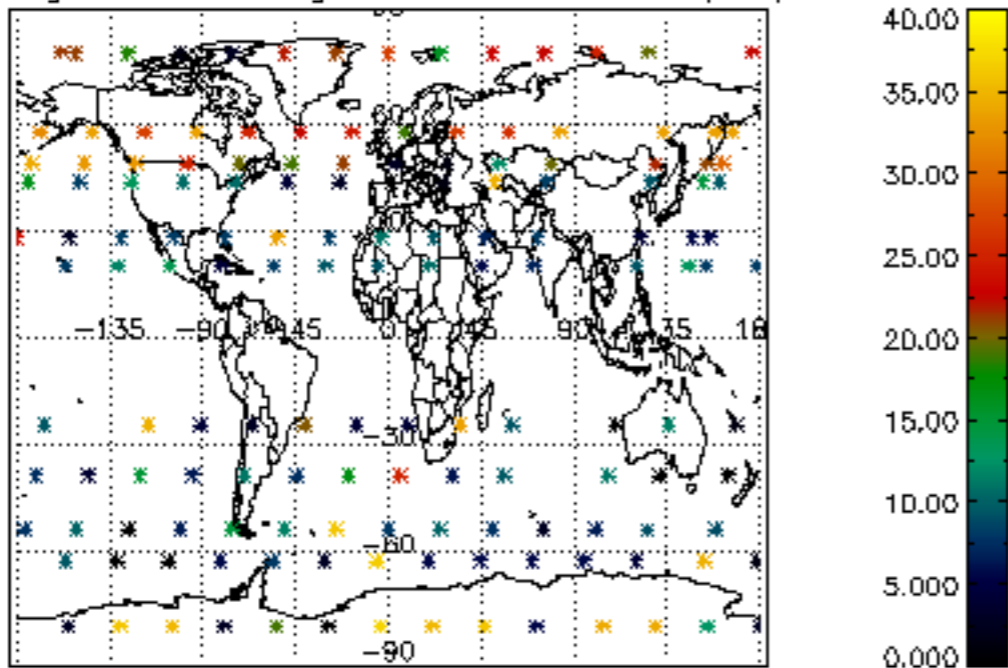
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

