

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	25APR2013 16:50:06
Data source version	GOMOS/6.01
Start time of products	20-01-2009 (20JAN2009 00:00:00)
Stop time of products	21-01-2009 (21JAN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	426
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__2PRFIN20090120_000158_000000462075_00403_36028_5483.N1	20-JAN-2009 00:01:58	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	36028	No
2	GOM_NL__2PRFIN20090120_000628_000000402075_00403_36028_5484.N1	20-JAN-2009 00:06:28	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	36028	No
3	GOM_NL__2PRFIN20090120_001047_000000402075_00403_36028_5485.N1	20-JAN-2009 00:10:47	Dark	39.500	29	Bet Car	1.6720	10200.	79	36028	No
4	GOM_NL__2PRFIN20090120_001251_000000432075_00403_36028_5486.N1	20-JAN-2009 00:12:51	Dark	43.000	71	lot Car	2.2460	7700.0	86	36028	No
5	GOM_NL__2PRFIN20090120_001442_000000382075_00403_36028_5487.N1	20-JAN-2009 00:14:42	Dark	38.000	46	Del Vel	1.9540	10600.	76	36028	No
6	GOM_NL__2PRFIN20090120_001721_000000432075_00403_36028_5488.N1	20-JAN-2009 00:17:21	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	36028	No
7	GOM_NL__2PRFIN20090120_001928_000000432075_00403_36028_5489.N1	20-JAN-2009 00:19:28	Straylight	42.500	70	Zet Pup	2.2460	39000.	85	36028	No
8	GOM_NL__2PRFIN20090120_002103_000000412075_00403_36028_5490.N1	20-JAN-2009 00:21:03	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	36028	No
9	GOM_NL__2PRFIN20090120_002333_000000422075_00403_36028_5491.N1	20-JAN-2009 00:23:33	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	36028	No
10	GOM_NL__2PRFIN20090120_002457_000000402075_00403_36028_5492.N1	20-JAN-2009 00:24:57	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	36028	No
11	GOM_NL__2PRFIN20090120_002708_000000432075_00403_36028_5493.N1	20-JAN-2009 00:27:08	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	36028	No
12	GOM_NL__2PRFIN20090120_003332_000000492075_00403_36028_5494.N1	20-JAN-2009 00:33:32	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	36028	No
13	GOM_NL__2PRFIN20090120_003636_000000482075_00403_36028_5495.N1	20-JAN-2009 00:36:36	Bright	48.000	44	24Gam Gem	1.9280	11000.	96	36028	No
14	GOM_NL__2PRFIN20090120_003821_000000392075_00403_36028_5496.N1	20-JAN-2009 00:38:21	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	36028	No
15	GOM_NL__2PRFIN20090120_004143_000000262075_00403_36028_5497.N1	20-JAN-2009 00:41:43	Twilight	26.000	24	66Alp Gem	1.5800	10200.	52	36028	No
16	GOM_NL__2PRFIN20090120_004442_000000342075_00403_36028_5498.N1	20-JAN-2009 00:44:42	Bright	34.000	42	34Bet Aur	1.9000	10200.	68	36028	No
17	GOM_NL__2PRFIN20090120_005715_000000342075_00403_36028_5499.N1	20-JAN-2009 00:57:15	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	36028	No
18	GOM_NL__2PRFIN20090120_010100_000000392075_00403_36028_5500.N1	20-JAN-2009 01:01:00	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	36028	No
19	GOM_NL__2PRFIN20090120_010527_000000402075_00403_36028_5501.N1	20-JAN-2009 01:05:27	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	36028	No
20	GOM_NL__2PRFIN20090120_010811_000000372075_00403_36028_5502.N1	20-JAN-2009 01:08:11	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	36028	No
21	GOM_NL__2PRFIN20090120_011433_000000372075_00403_36028_5503.N1	20-JAN-2009 01:14:33	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	36028	No
22	GOM_NL__2PRFIN20090120_011745_000000572075_00403_36028_5504.N1	20-JAN-2009 01:17:45	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	36028	No
23	GOM_NL__2PRFIN20090120_011924_000000352075_00403_36028_5505.N1	20-JAN-2009 01:19:24	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	36028	No
24	GOM_NL__2PRFIN20090120_012131_000000342075_00403_36028_5506.N1	20-JAN-2009 01:21:31	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36028	No
25	GOM_NL__2PRFIN20090120_012540_000000482075_00403_36028_5507.N1	20-JAN-2009 01:25:40	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	36028	No
26	GOM_NL__2PRFIN20090120_012736_000000522075_00403_36028_5508.N1	20-JAN-2009 01:27:36	Bright	52.000	86	35Eta Oph	2.4300	10200.	104	36028	No
27	GOM_NL__2PRFIN20090120_013125_000000532075_00403_36028_5509.N1	20-JAN-2009 01:31:25	Twilight	52.500	16	21Alp Sco	1.0200	3000.0	105	36028	No
28	GOM_NL__2PRFIN20090120_013259_000000432075_00403_36028_5510.N1	20-JAN-2009 01:32:59	Twilight	42.500	75	26Eps Sco	2.2910	4250.0	85	36028	No
29	GOM_NL__2PRFIN20090120_013845_000000432075_00403_36028_5511.N1	20-JAN-2009 01:38:45	Dark	43.000	109	Bet Lup	2.6770	26000.	86	36028	No
30	GOM_NL__2PRFIN20090120_014234_000000422075_00404_36029_5510.N1	20-JAN-2009 01:42:34	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	36029	No
31	GOM_NL__2PRFIN20090120_014704_000000412075_00404_36029_5511.N1	20-JAN-2009 01:47:04	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	36029	No
32	GOM_NL__2PRFIN20090120_015123_000000452075_00404_36029_5512.N1	20-JAN-2009 01:51:23	Dark	44.500	29	Bet Car	1.6720	10200.	89	36029	No
33	GOM_NL__2PRFIN20090120_015327_000000392075_00404_36029_5513.N1	20-JAN-2009 01:53:27	Dark	38.500	71	lot Car	2.2460	7700.0	77	36029	No
34	GOM_NL__2PRFIN20090120_015518_000000392075_00404_36029_5514.N1	20-JAN-2009 01:55:18	Dark	39.000	46	Del Vel	1.9540	10600.	78	36029	No
35	GOM_NL__2PRFIN20090120_015757_000000412075_00404_36029_5515.N1	20-JAN-2009 01:57:57	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	36029	No
36	GOM_NL__2PRFIN20090120_020005_000000412075_00404_36029_5516.N1	20-JAN-2009 02:00:05	Dark	40.500	70	Zet Pup	2.2460	39000.	81	36029	No
37	GOM_NL__2PRFIN20090120_020139_000000442075_00404_36029_5517.N1	20-JAN-2009 02:01:39	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	36029	No
38	GOM_NL__2PRFIN20090120_020409_000000422075_00404_36029_5518.N1	20-JAN-2009 02:04:09	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	36029	No
39	GOM_NL__2PRFIN20090120_020533_000000412075_00404_36029_5519.N1	20-JAN-2009 02:05:33	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	36029	No
40	GOM_NL__2PRFIN20090120_020744_000000442075_00404_36029_5520.N1	20-JAN-2009 02:07:44	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	36029	No
41	GOM_NL__2PRFIN20090120_021408_000000492075_00404_36029_5521.N1	20-JAN-2009 02:14:08	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	36029	No
42	GOM_NL__2PRFIN20090120_021711_000000382075_00404_36029_5522.N1	20-JAN-2009 02:17:11	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	36029	No

43	GOM_NL__2PRFIN20090120_021857_000000412075_00404_36029_5523.N1	20-JAN-2009 02:18:57	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	36029	No
44	GOM_NL__2PRFIN20090120_022218_000000262075_00404_36029_5524.N1	20-JAN-2009 02:22:18	Twl_and_stray	26.000	24	66Alp Gem	1.5800	10200.	52	36029	No
45	GOM_NL__2PRFIN20090120_022518_000000362075_00404_36029_5525.N1	20-JAN-2009 02:25:18	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	36029	No
46	GOM_NL__2PRFIN20090120_023751_000000362075_00404_36029_5526.N1	20-JAN-2009 02:37:51	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36029	No
47	GOM_NL__2PRFIN20090120_024136_000000412075_00404_36029_5527.N1	20-JAN-2009 02:41:36	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	36029	No
48	GOM_NL__2PRFIN20090120_024602_000000392075_00404_36029_5528.N1	20-JAN-2009 02:46:02	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	36029	No
49	GOM_NL__2PRFIN20090120_024847_000000382075_00404_36029_5529.N1	20-JAN-2009 02:48:47	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	36029	No
50	GOM_NL__2PRFIN20090120_025509_000000422075_00404_36029_5530.N1	20-JAN-2009 02:55:09	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	36029	No
51	GOM_NL__2PRFIN20090120_025822_000000572075_00404_36029_5531.N1	20-JAN-2009 02:58:22	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	36029	No
52	GOM_NL__2PRFIN20090120_030001_000000352075_00404_36029_5532.N1	20-JAN-2009 03:00:01	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	36029	No
53	GOM_NL__2PRFIN20090120_030207_000000422075_00404_36029_5533.N1	20-JAN-2009 03:02:07	Bright	42.000	126	60Bet Oph	2.7700	4250.0	84	36029	No
54	GOM_NL__2PRFIN20090120_030617_000000422075_00404_36029_5534.N1	20-JAN-2009 03:06:17	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	36029	No
55	GOM_NL__2PRFIN20090120_030812_000000522075_00404_36029_5535.N1	20-JAN-2009 03:08:12	Bright	52.000	86	35Eta Oph	2.4300	10200.	104	36029	No
56	GOM_NL__2PRFIN20090120_031202_000000482075_00404_36029_5536.N1	20-JAN-2009 03:12:02	Twilight	48.000	16	21Alp Sco	1.0200	3000.0	96	36029	No
57	GOM_NL__2PRFIN20090120_031336_000000422075_00404_36029_5537.N1	20-JAN-2009 03:13:36	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	36029	No
58	GOM_NL__2PRFIN20090120_031728_000000402075_00404_36029_5538.N1	20-JAN-2009 03:17:28	Dark	39.500	131	Gam Lup	2.8000	26000.	79	36029	No
59	GOM_NL__2PRFIN20090120_031922_000000412075_00404_36029_5539.N1	20-JAN-2009 03:19:22	Dark	40.500	109	Bet Lup	2.6770	26000.	81	36029	No
60	GOM_NL__2PRFIN20090120_032310_000000432075_00405_36030_5520.N1	20-JAN-2009 03:23:10	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	36030	No
61	GOM_NL__2PRFIN20090120_032740_000000432075_00405_36030_5521.N1	20-JAN-2009 03:27:40	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	36030	No
62	GOM_NL__2PRFIN20090120_033200_000000422075_00405_36030_5522.N1	20-JAN-2009 03:32:00	Dark	42.000	29	Bet Car	1.6720	10200.	84	36030	No
63	GOM_NL__2PRFIN20090120_033404_000000392075_00405_36030_5523.N1	20-JAN-2009 03:34:04	Dark	39.000	71	lot Car	2.2460	7700.0	78	36030	No
64	GOM_NL__2PRFIN20090120_033554_000000432075_00405_36030_5524.N1	20-JAN-2009 03:35:54	Dark	42.500	46	Del Vel	1.9540	10600.	85	36030	No
65	GOM_NL__2PRFIN20090120_033833_000000432075_00405_36030_5525.N1	20-JAN-2009 03:38:33	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	36030	No
66	GOM_NL__2PRFIN20090120_034041_000000452075_00405_36030_5526.N1	20-JAN-2009 03:40:41	Straylight	44.500	70	Zet Pup	2.2460	39000.	89	36030	No
67	GOM_NL__2PRFIN20090120_034215_000000442075_00405_36030_5527.N1	20-JAN-2009 03:42:15	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	36030	No
68	GOM_NL__2PRFIN20090120_034445_000000412075_00405_36030_5528.N1	20-JAN-2009 03:44:45	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	36030	No
69	GOM_NL__2PRFIN20090120_034609_000000382075_00405_36030_5529.N1	20-JAN-2009 03:46:09	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	36030	No
70	GOM_NL__2PRFIN20090120_034820_000000442075_00405_36030_5530.N1	20-JAN-2009 03:48:20	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	36030	No
71	GOM_NL__2PRFIN20090120_035443_000000482075_00405_36030_5531.N1	20-JAN-2009 03:54:43	Twl_and_stray	47.500	8	10Alp CMi	0.40000	6500.0	95	36030	No
72	GOM_NL__2PRFIN20090120_035748_000000512075_00405_36030_5532.N1	20-JAN-2009 03:57:48	Bright	50.500	44	24Gam Gem	1.9280	11000.	101	36030	No
73	GOM_NL__2PRFIN20090120_035933_000000412075_00405_36030_5533.N1	20-JAN-2009 03:59:33	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	36030	No
74	GOM_NL__2PRFIN20090120_040254_000000342075_00405_36030_5534.N1	20-JAN-2009 04:02:54	Bright	34.000	24	66Alp Gem	1.5800	10200.	68	36030	No
75	GOM_NL__2PRFIN20090120_040553_000000372075_00405_36030_5535.N1	20-JAN-2009 04:05:53	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	36030	No
76	GOM_NL__2PRFIN20090120_041827_000000362075_00405_36030_5536.N1	20-JAN-2009 04:18:27	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36030	No
77	GOM_NL__2PRFIN20090120_042212_000000412075_00405_36030_5537.N1	20-JAN-2009 04:22:12	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	36030	No
78	GOM_NL__2PRFIN20090120_042638_000000432075_00405_36030_5538.N1	20-JAN-2009 04:26:38	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	36030	No
79	GOM_NL__2PRFIN20090120_042923_000000362075_00405_36030_5539.N1	20-JAN-2009 04:29:23	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	36030	No
80	GOM_NL__2PRFIN20090120_043545_000000562075_00405_36030_5540.N1	20-JAN-2009 04:35:45	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	36030	No
81	GOM_NL__2PRFIN20090120_043858_000000572075_00405_36030_5541.N1	20-JAN-2009 04:38:58	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	36030	No
82	GOM_NL__2PRFIN20090120_044038_000000342075_00405_36030_5542.N1	20-JAN-2009 04:40:38	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	36030	No
83	GOM_NL__2PRFIN20090120_044243_000000342075_00405_36030_5543.N1	20-JAN-2009 04:42:43	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	36030	No
84	GOM_NL__2PRFIN20090120_044653_000000482075_00405_36030_5544.N1	20-JAN-2009 04:46:53	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	36030	No
85	GOM_NL__2PRFIN20090120_044849_000000372075_00405_36030_5545.N1	20-JAN-2009 04:48:49	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	36030	No
86	GOM_NL__2PRFIN20090120_045238_000000542075_00405_36030_5546.N1	20-JAN-2009 04:52:38	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	36030	No
87	GOM_NL__2PRFIN20090120_045411_000000442075_00405_36030_5547.N1	20-JAN-2009 04:54:11	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	36030	No
88	GOM_NL__2PRFIN20090120_045804_000000402075_00405_36030_5548.N1	20-JAN-2009 04:58:04	Dark	39.500	131	Gam Lup	2.8000	26000.	79	36030	No
89	GOM_NL__2PRFIN20090120_045958_000000402075_00405_36030_5549.N1	20-JAN-2009 04:59:58	Dark	39.500	109	Bet Lup	2.6770	26000.	79	36030	No
90	GOM_NL__2PRFIN20090120_050347_000000542075_00406_36031_5538.N1	20-JAN-2009 05:03:47	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	36031	No
91	GOM_NL__2PRFIN20090120_050817_000000442075_00406_36031_5539.N1	20-JAN-2009 05:08:17	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	36031	No
92	GOM_NL__2PRFIN20090120_051236_000000442075_00406_36031_5540.N1	20-JAN-2009 05:12:36	Dark	43.500	29	Bet Car	1.6720	10200.	87	36031	No
93	GOM_NL__2PRFIN20090120_051440_000000402075_00406_36031_5541.N1	20-JAN-2009 05:14:40	Dark	39.500	71	lot Car	2.2460	7700.0	79	36031	No
94	GOM_NL__2PRFIN20090120_051630_000000402075_00406_36031_5542.N1	20-JAN-2009 05:16:30	Dark	40.000	46	Del Vel	1.9540	10600.	80	36031	No
95	GOM_NL__2PRFIN20090120_051910_000000452075_00406_36031_5543.N1	20-JAN-2009 05:19:10	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	36031	No
96	GOM_NL__2PRFIN20090120_052117_000000402075_00406_36031_5544.N1	20-JAN-2009 05:21:17	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	36031	No
97	GOM_NL__2PRFIN20090120_052251_000000442075_00406_36031_5545.N1	20-JAN-2009 05:22:51	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	36031	No
98	GOM_NL__2PRFIN20090120_052521_000000442075_00406_36031_5546.N1	20-JAN-2009 05:25:21	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	36031	No
99	GOM_NL__2PRFIN20090120_052645_000000392075_00406_36031_5547.N1	20-JAN-2009 05:26:45	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	36031	No
100	GOM_NL__2PRFIN20090120_052856_000000472075_00406_36031_5548.N1	20-JAN-2009 05:28:56	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	36031	No
101	GOM_NL__2PRFIN20090120_053519_000000492075_00406_36031_5549.N1	20-JAN-2009 05:35:19	Twl_and_stray	48.500	8	10Alp CMi	0.40000	6500.0	97	36031	No

102	GOM_NL__2PRFIN20090120_053823_000000452075_00406_36031_5550.N1	20-JAN-2009 05:38:23	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	36031	No
103	GOM_NL__2PRFIN20090120_054009_000000402075_00406_36031_5551.N1	20-JAN-2009 05:40:09	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	36031	No
104	GOM_NL__2PRFIN20090120_054329_000000342075_00406_36031_5552.N1	20-JAN-2009 05:43:29	Bright	34.000	24	66Alp Gem	1.5800	10200.	68	36031	No
105	GOM_NL__2PRFIN20090120_054629_000000372075_00406_36031_5553.N1	20-JAN-2009 05:46:29	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	36031	No
106	GOM_NL__2PRFIN20090120_055903_000000372075_00406_36031_5554.N1	20-JAN-2009 05:59:03	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	36031	No
107	GOM_NL__2PRFIN20090120_060248_000000382075_00406_36031_5555.N1	20-JAN-2009 06:02:48	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	36031	No
108	GOM_NL__2PRFIN20090120_060715_000000392075_00406_36031_5556.N1	20-JAN-2009 06:07:15	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36031	No
109	GOM_NL__2PRFIN20090120_060959_000000532075_00406_36031_5557.N1	20-JAN-2009 06:09:59	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	36031	No
110	GOM_NL__2PRFIN20090120_061621_000000412075_00406_36031_5558.N1	20-JAN-2009 06:16:21	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	36031	No
111	GOM_NL__2PRFIN20090120_061934_000000572075_00406_36031_5559.N1	20-JAN-2009 06:19:34	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	36031	No
112	GOM_NL__2PRFIN20090120_062113_000000342075_00406_36031_5560.N1	20-JAN-2009 06:21:13	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	36031	No
113	GOM_NL__2PRFIN20090120_062320_000000342075_00406_36031_5561.N1	20-JAN-2009 06:23:20	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36031	No
114	GOM_NL__2PRFIN20090120_062730_000000592075_00406_36031_5562.N1	20-JAN-2009 06:27:30	Bright	59.000	120	1Del Oph	2.7340	3200.0	118	36031	No
115	GOM_NL__2PRFIN20090120_062926_000000352075_00406_36031_5563.N1	20-JAN-2009 06:29:26	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	36031	No
116	GOM_NL__2PRFIN20090120_063315_000000502075_00406_36031_5564.N1	20-JAN-2009 06:33:15	Twilight	49.500	16	21Alp Sco	1.0200	3000.0	99	36031	No
117	GOM_NL__2PRFIN20090120_063448_000000442075_00406_36031_5565.N1	20-JAN-2009 06:34:48	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	36031	No
118	GOM_NL__2PRFIN20090120_063841_000000402075_00406_36031_5566.N1	20-JAN-2009 06:38:41	Dark	39.500	131	Gam Lup	2.8000	26000.	79	36031	No
119	GOM_NL__2PRFIN20090120_064035_000000432075_00406_36031_5567.N1	20-JAN-2009 06:40:35	Dark	43.000	109	Bet Lup	2.6770	26000.	86	36031	No
120	GOM_NL__2PRFIN20090120_064424_000000532075_00407_36032_5552.N1	20-JAN-2009 06:44:24	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	36032	No
121	GOM_NL__2PRFIN20090120_064853_000000402075_00407_36032_5553.N1	20-JAN-2009 06:48:53	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	36032	No
122	GOM_NL__2PRFIN20090120_065312_000000452075_00407_36032_5554.N1	20-JAN-2009 06:53:12	Dark	44.500	29	Bet Car	1.6720	10200.	89	36032	No
123	GOM_NL__2PRFIN20090120_065517_000000442075_00407_36032_5555.N1	20-JAN-2009 06:55:17	Dark	43.500	71	lot Car	2.2460	7700.0	87	36032	No
124	GOM_NL__2PRFIN20090120_065946_000000462075_00407_36032_5556.N1	20-JAN-2009 06:59:46	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	36032	No
125	GOM_NL__2PRFIN20090120_070153_000000442075_00407_36032_5557.N1	20-JAN-2009 07:01:53	Straylight	43.500	70	Zet Pup	2.2460	39000.	87	36032	No
126	GOM_NL__2PRFIN20090120_070328_000000442075_00407_36032_5558.N1	20-JAN-2009 07:03:28	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	36032	No
127	GOM_NL__2PRFIN20090120_070557_000000432075_00407_36032_5559.N1	20-JAN-2009 07:05:57	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	36032	No
128	GOM_NL__2PRFIN20090120_070721_000000382075_00407_36032_5560.N1	20-JAN-2009 07:07:21	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	36032	No
129	GOM_NL__2PRFIN20090120_070932_000000442075_00407_36032_5561.N1	20-JAN-2009 07:09:32	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	36032	No
130	GOM_NL__2PRFIN20090120_071555_000000552075_00407_36032_5562.N1	20-JAN-2009 07:15:55	Tw_and_stray	54.500	8	10Alp CMi	0.40000	6500.0	109	36032	No
131	GOM_NL__2PRFIN20090120_071900_000000482075_00407_36032_5563.N1	20-JAN-2009 07:19:00	Bright	48.000	44	24Gam Gem	1.9280	11000.	96	36032	No
132	GOM_NL__2PRFIN20090120_072044_000000392075_00407_36032_5564.N1	20-JAN-2009 07:20:44	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	36032	No
133	GOM_NL__2PRFIN20090120_072405_000000412075_00407_36032_5565.N1	20-JAN-2009 07:24:05	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	36032	No
134	GOM_NL__2PRFIN20090120_072706_000000362075_00407_36032_5566.N1	20-JAN-2009 07:27:06	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	36032	No
135	GOM_NL__2PRFIN20090120_073939_000000332075_00407_36032_5567.N1	20-JAN-2009 07:39:39	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	36032	No
136	GOM_NL__2PRFIN20090120_074323_000000352075_00407_36032_5568.N1	20-JAN-2009 07:43:23	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	36032	No
137	GOM_NL__2PRFIN20090120_074751_000000392075_00407_36032_5569.N1	20-JAN-2009 07:47:51	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	36032	No
138	GOM_NL__2PRFIN20090120_075035_000000452075_00407_36032_5570.N1	20-JAN-2009 07:50:35	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	36032	No
139	GOM_NL__2PRFIN20090120_075657_000000362075_00407_36032_5571.N1	20-JAN-2009 07:56:57	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	36032	No
140	GOM_NL__2PRFIN20090120_080010_000000402075_00407_36032_5572.N1	20-JAN-2009 08:00:10	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	36032	No
141	GOM_NL__2PRFIN20090120_080149_000000352075_00407_36032_5573.N1	20-JAN-2009 08:01:49	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	36032	No
142	GOM_NL__2PRFIN20090120_080356_000000342075_00407_36032_5574.N1	20-JAN-2009 08:03:56	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36032	No
143	GOM_NL__2PRFIN20090120_080807_000000492075_00407_36032_5575.N1	20-JAN-2009 08:08:07	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	36032	No
144	GOM_NL__2PRFIN20090120_081002_000000362075_00407_36032_5576.N1	20-JAN-2009 08:10:02	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	36032	No
145	GOM_NL__2PRFIN20090120_081351_000000472075_00407_36032_5577.N1	20-JAN-2009 08:13:51	Twilight	46.500	16	21Alp Sco	1.0200	3000.0	93	36032	No
146	GOM_NL__2PRFIN20090120_081524_000000422075_00407_36032_5578.N1	20-JAN-2009 08:15:24	Twilight	41.500	75	26Eps Sco	2.2910	4250.0	83	36032	No
147	GOM_NL__2PRFIN20090120_081917_000000402075_00407_36032_5579.N1	20-JAN-2009 08:19:17	Dark	40.000	131	Gam Lup	2.8000	26000.	80	36032	No
148	GOM_NL__2PRFIN20090120_082112_000000422075_00407_36032_5580.N1	20-JAN-2009 08:21:12	Dark	41.500	109	Bet Lup	2.6770	26000.	83	36032	No
149	GOM_NL__2PRFIN20090120_082242_000000402075_00407_36032_5581.N1	20-JAN-2009 08:22:42	Dark	39.500	78	Alp Lup	2.3040	28000.	79	36032	No
150	GOM_NL__2PRFIN20090120_082500_000000422075_00408_36033_5560.N1	20-JAN-2009 08:25:00	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	36033	No
151	GOM_NL__2PRFIN20090120_082930_000000472075_00408_36033_5561.N1	20-JAN-2009 08:29:30	Dark	47.000	12	Alp1Cru	0.77500	30000.	94	36033	No
152	GOM_NL__2PRFIN20090120_083349_000000372075_00408_36033_5562.N1	20-JAN-2009 08:33:49	Dark	37.000	29	Bet Car	1.6720	10200.	74	36033	No
153	GOM_NL__2PRFIN20090120_083553_000000392075_00408_36033_5563.N1	20-JAN-2009 08:35:53	Dark	38.500	71	lot Car	2.2460	7700.0	77	36033	No
154	GOM_NL__2PRFIN20090120_084022_000000452075_00408_36033_5564.N1	20-JAN-2009 08:40:22	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	36033	No
155	GOM_NL__2PRFIN20090120_084230_000000402075_00408_36033_5565.N1	20-JAN-2009 08:42:30	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	36033	No
156	GOM_NL__2PRFIN20090120_084404_000000402075_00408_36033_5566.N1	20-JAN-2009 08:44:04	Straylight	40.000	117	Pi Pup	2.7060	3800.0	80	36033	No
157	GOM_NL__2PRFIN20090120_084634_000000422075_00408_36033_5567.N1	20-JAN-2009 08:46:34	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	36033	No
158	GOM_NL__2PRFIN20090120_084757_000000372075_00408_36033_5568.N1	20-JAN-2009 08:47:57	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	36033	No
159	GOM_NL__2PRFIN20090120_085009_000000462075_00408_36033_5569.N1	20-JAN-2009 08:50:09	Straylight	46.000	1	9Alp CMa	-1.4400	11000.	92	36033	No
160	GOM_NL__2PRFIN20090120_085631_000000502075_00408_36033_5570.N1	20-JAN-2009 08:56:31	Tw_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	36033	No

161	GOM_NL__2PRFIN20090120_085936_000000442075_00408_36033_5571.N1	20-JAN-2009 08:59:36	Bright	44.000	44	24Gam Gem	1.9280	11000.	88	36033	No
162	GOM_NL__2PRFIN20090120_090121_000000402075_00408_36033_5572.N1	20-JAN-2009 09:01:21	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	36033	No
163	GOM_NL__2PRFIN20090120_090442_000000402075_00408_36033_5573.N1	20-JAN-2009 09:04:42	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	36033	No
164	GOM_NL__2PRFIN20090120_090742_000000362075_00408_36033_5574.N1	20-JAN-2009 09:07:42	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	36033	No
165	GOM_NL__2PRFIN20090120_092015_000000342075_00408_36033_5575.N1	20-JAN-2009 09:20:15	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	36033	No
166	GOM_NL__2PRFIN20090120_092359_000000392075_00408_36033_5576.N1	20-JAN-2009 09:23:59	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	36033	No
167	GOM_NL__2PRFIN20090120_092826_000000392075_00408_36033_5577.N1	20-JAN-2009 09:28:26	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36033	No
168	GOM_NL__2PRFIN20090120_093112_000000402075_00408_36033_5578.N1	20-JAN-2009 09:31:12	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	36033	No
169	GOM_NL__2PRFIN20090120_093733_000000372075_00408_36033_5579.N1	20-JAN-2009 09:37:33	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	36033	No
170	GOM_NL__2PRFIN20090120_094046_000000512075_00408_36033_5580.N1	20-JAN-2009 09:40:46	Bright	51.000	127	27Bet Her	2.7810	4700.0	102	36033	No
171	GOM_NL__2PRFIN20090120_094226_000000352075_00408_36033_5581.N1	20-JAN-2009 09:42:26	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	36033	No
172	GOM_NL__2PRFIN20090120_094432_000000342075_00408_36033_5582.N1	20-JAN-2009 09:44:32	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	36033	No
173	GOM_NL__2PRFIN20090120_094843_000000492075_00408_36033_5583.N1	20-JAN-2009 09:48:43	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	36033	No
174	GOM_NL__2PRFIN20090120_095038_000000522075_00408_36033_5584.N1	20-JAN-2009 09:50:38	Bright	52.000	86	35Eta Oph	2.4300	10200.	104	36033	No
175	GOM_NL__2PRFIN20090120_095428_000000502075_00408_36033_5585.N1	20-JAN-2009 09:54:28	Twilight	49.500	16	21Alp Sco	1.0200	3000.0	99	36033	No
176	GOM_NL__2PRFIN20090120_095600_000000442075_00408_36033_5586.N1	20-JAN-2009 09:56:00	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	36033	No
177	GOM_NL__2PRFIN20090120_095954_000000422075_00408_36033_5587.N1	20-JAN-2009 09:59:54	Dark	41.500	131	Gam Lup	2.8000	26000.	83	36033	No
178	GOM_NL__2PRFIN20090120_100149_000000422075_00408_36033_5588.N1	20-JAN-2009 10:01:49	Dark	42.000	109	Bet Lup	2.6770	26000.	84	36033	No
179	GOM_NL__2PRFIN20090120_100319_000000412075_00408_36033_5589.N1	20-JAN-2009 10:03:19	Dark	41.000	78	Alp Lup	2.3040	28000.	82	36033	No
180	GOM_NL__2PRFIN20090120_100536_000000412075_00409_36034_5573.N1	20-JAN-2009 10:05:36	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	36034	No
181	GOM_NL__2PRFIN20090120_101007_000000402075_00409_36034_5574.N1	20-JAN-2009 10:10:07	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	36034	No
182	GOM_NL__2PRFIN20090120_101425_000000372075_00409_36034_5575.N1	20-JAN-2009 10:14:25	Dark	37.000	29	Bet Car	1.6720	10200.	74	36034	No
183	GOM_NL__2PRFIN20090120_101630_000000402075_00409_36034_5576.N1	20-JAN-2009 10:16:30	Dark	39.500	71	lot Car	2.2460	7700.0	79	36034	No
184	GOM_NL__2PRFIN20090120_102059_000000392075_00409_36034_5577.N1	20-JAN-2009 10:20:59	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	36034	No
185	GOM_NL__2PRFIN20090120_102306_000000402075_00409_36034_5578.N1	20-JAN-2009 10:23:06	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	36034	No
186	GOM_NL__2PRFIN20090120_102440_000000402075_00409_36034_5579.N1	20-JAN-2009 10:24:40	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	36034	No
187	GOM_NL__2PRFIN20090120_102710_000000412075_00409_36034_5580.N1	20-JAN-2009 10:27:10	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	36034	No
188	GOM_NL__2PRFIN20090120_102834_000000402075_00409_36034_5581.N1	20-JAN-2009 10:28:34	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	36034	No
189	GOM_NL__2PRFIN20090120_103045_000000422075_00409_36034_5582.N1	20-JAN-2009 10:30:45	Straylight	42.000	1	9Alp CMa	-1.4400	11000.	84	36034	No
190	GOM_NL__2PRFIN20090120_103707_000000482075_00409_36034_5583.N1	20-JAN-2009 10:37:07	Tw_and_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	36034	No
191	GOM_NL__2PRFIN20090120_104012_000000472075_00409_36034_5584.N1	20-JAN-2009 10:40:12	Bright	46.500	44	24Gam Gem	1.9280	11000.	93	36034	No
192	GOM_NL__2PRFIN20090120_104157_000000402075_00409_36034_5585.N1	20-JAN-2009 10:41:57	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	36034	No
193	GOM_NL__2PRFIN20090120_104517_000000402075_00409_36034_5586.N1	20-JAN-2009 10:45:17	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	36034	No
194	GOM_NL__2PRFIN20090120_104818_000000362075_00409_36034_5587.N1	20-JAN-2009 10:48:18	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	36034	No
195	GOM_NL__2PRFIN20090120_110050_000000342075_00409_36034_5588.N1	20-JAN-2009 11:00:50	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	36034	No
196	GOM_NL__2PRFIN20090120_110435_000000412075_00409_36034_5589.N1	20-JAN-2009 11:04:35	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	36034	No
197	GOM_NL__2PRFIN20090120_110902_000000402075_00409_36034_5590.N1	20-JAN-2009 11:09:02	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	36034	No
198	GOM_NL__2PRFIN20090120_111147_000000432075_00409_36034_5591.N1	20-JAN-2009 11:11:47	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	36034	No
199	GOM_NL__2PRFIN20090120_111809_000000382075_00409_36034_5592.N1	20-JAN-2009 11:18:09	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	36034	No
200	GOM_NL__2PRFIN20090120_112123_000000392075_00409_36034_5593.N1	20-JAN-2009 11:21:23	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	36034	No
201	GOM_NL__2PRFIN20090120_112302_000000522075_00409_36034_5594.N1	20-JAN-2009 11:23:02	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36034	No
202	GOM_NL__2PRFIN20090120_112509_000000342075_00409_36034_5595.N1	20-JAN-2009 11:25:09	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36034	No
203	GOM_NL__2PRFIN20090120_112919_000000472075_00409_36034_5596.N1	20-JAN-2009 11:29:19	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	36034	No
204	GOM_NL__2PRFIN20090120_113114_000000352075_00409_36034_5597.N1	20-JAN-2009 11:31:14	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	36034	No
205	GOM_NL__2PRFIN20090120_113504_000000552075_00409_36034_5598.N1	20-JAN-2009 11:35:04	Twilight	55.000	16	21Alp Sco	1.0200	3000.0	110	36034	No
206	GOM_NL__2PRFIN20090120_113636_000000422075_00409_36034_5599.N1	20-JAN-2009 11:36:36	Twilight	41.500	75	26Eps Sco	2.2910	4250.0	83	36034	No
207	GOM_NL__2PRFIN20090120_114031_000000402075_00409_36034_5600.N1	20-JAN-2009 11:40:31	Dark	40.000	131	Gam Lup	2.8000	26000.	80	36034	No
208	GOM_NL__2PRFIN20090120_114226_000000412075_00409_36034_5601.N1	20-JAN-2009 11:42:26	Dark	41.000	109	Bet Lup	2.6770	26000.	82	36034	No
209	GOM_NL__2PRFIN20090120_114355_000000412075_00409_36034_5602.N1	20-JAN-2009 11:43:55	Dark	40.500	78	Alp Lup	2.3040	28000.	81	36034	No
210	GOM_NL__2PRFIN20090120_114613_000000442075_00410_36035_5605.N1	20-JAN-2009 11:46:13	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	36035	No
211	GOM_NL__2PRFIN20090120_115043_000000442075_00410_36035_5606.N1	20-JAN-2009 11:50:43	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	36035	No
212	GOM_NL__2PRFIN20090120_115501_000000382075_00410_36035_5607.N1	20-JAN-2009 11:55:01	Dark	38.000	29	Bet Car	1.6720	10200.	76	36035	No
213	GOM_NL__2PRFIN20090120_115706_000000392075_00410_36035_5608.N1	20-JAN-2009 11:57:06	Dark	39.000	71	lot Car	2.2460	7700.0	78	36035	No
214	GOM_NL__2PRFIN20090120_120135_000000382075_00410_36035_5609.N1	20-JAN-2009 12:01:35	Dark	38.000	34	Gam2Vel	1.7930	23000.	76	36035	No
215	GOM_NL__2PRFIN20090120_120343_000000382075_00410_36035_5610.N1	20-JAN-2009 12:03:43	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	36035	No
216	GOM_NL__2PRFIN20090120_120516_000000432075_00410_36035_5611.N1	20-JAN-2009 12:05:16	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	36035	No
217	GOM_NL__2PRFIN20090120_120746_000000422075_00410_36035_5612.N1	20-JAN-2009 12:07:46	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	36035	No
218	GOM_NL__2PRFIN20090120_120910_000000382075_00410_36035_5613.N1	20-JAN-2009 12:09:10	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	36035	No
219	GOM_NL__2PRFIN20090120_121121_000000452075_00410_36035_5614.N1	20-JAN-2009 12:11:21	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	36035	No

220	GOM_NL__2PRFIN20090120_121742_000000572075_00410_36035_5615.N1	20-JAN-2009 12:17:42	Twilight	57.000	8	10Alp Cmi	0.40000	6500.0	114	36035	No
221	GOM_NL__2PRFIN20090120_122047_000000422075_00410_36035_5616.N1	20-JAN-2009 12:20:47	Bright	42.000	44	24Gam Gem	1.9280	11000.	84	36035	No
222	GOM_NL__2PRFIN20090120_122232_000000412075_00410_36035_5617.N1	20-JAN-2009 12:22:32	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	36035	No
223	GOM_NL__2PRFIN20090120_122552_000000412075_00410_36035_5618.N1	20-JAN-2009 12:25:52	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	36035	No
224	GOM_NL__2PRFIN20090120_122853_000000352075_00410_36035_5619.N1	20-JAN-2009 12:28:53	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	36035	No
225	GOM_NL__2PRFIN20090120_124127_000000352075_00410_36035_5620.N1	20-JAN-2009 12:41:27	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	36035	No
226	GOM_NL__2PRFIN20090120_124511_000000362075_00410_36035_5621.N1	20-JAN-2009 12:45:11	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	36035	No
227	GOM_NL__2PRFIN20090120_124938_000000422075_00410_36035_5622.N1	20-JAN-2009 12:49:38	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	36035	No
228	GOM_NL__2PRFIN20090120_125223_000000372075_00410_36035_5623.N1	20-JAN-2009 12:52:23	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	36035	No
229	GOM_NL__2PRFIN20090120_125845_000000402075_00410_36035_5624.N1	20-JAN-2009 12:58:45	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	36035	No
230	GOM_NL__2PRFIN20090120_130159_000000572075_00410_36035_5625.N1	20-JAN-2009 13:01:59	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	36035	No
231	GOM_NL__2PRFIN20090120_130338_000000342075_00410_36035_5626.N1	20-JAN-2009 13:03:38	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	36035	No
232	GOM_NL__2PRFIN20090120_130545_000000342075_00410_36035_5627.N1	20-JAN-2009 13:05:45	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36035	No
233	GOM_NL__2PRFIN20090120_130955_000000492075_00410_36035_5628.N1	20-JAN-2009 13:09:55	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	36035	No
234	GOM_NL__2PRFIN20090120_131151_000000522075_00410_36035_5629.N1	20-JAN-2009 13:11:51	Bright	52.000	86	35Eta Oph	2.4300	10200.	104	36035	No
235	GOM_NL__2PRFIN20090120_131540_000000482075_00410_36035_5630.N1	20-JAN-2009 13:15:40	Twilight	47.500	16	21Alp Sco	1.0200	3000.0	95	36035	No
236	GOM_NL__2PRFIN20090120_131713_000000432075_00410_36035_5631.N1	20-JAN-2009 13:17:13	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	36035	No
237	GOM_NL__2PRFIN20090120_132107_000000402075_00410_36035_5632.N1	20-JAN-2009 13:21:07	Dark	39.500	131	Gam Lup	2.8000	26000.	79	36035	No
238	GOM_NL__2PRFIN20090120_132301_000000422075_00410_36035_5633.N1	20-JAN-2009 13:23:01	Dark	41.500	109	Bet Lup	2.6770	26000.	83	36035	No
239	GOM_NL__2PRFIN20090120_132431_000000462075_00410_36035_5634.N1	20-JAN-2009 13:24:31	Dark	45.500	78	Alp Lup	2.3040	28000.	91	36035	No
240	GOM_NL__2PRFIN20090120_132649_000000402075_00411_36036_5650.N1	20-JAN-2009 13:26:49	Dark	40.000	4	Alp1Cen	-0.010000	5800.0	80	36036	No
241	GOM_NL__2PRFIN20090120_133119_000000432075_00411_36036_5651.N1	20-JAN-2009 13:31:19	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	36036	No
242	GOM_NL__2PRFIN20090120_133537_000000382075_00411_36036_5652.N1	20-JAN-2009 13:35:37	Dark	38.000	29	Bet Car	1.6720	10200.	76	36036	No
243	GOM_NL__2PRFIN20090120_133742_000000392075_00411_36036_5653.N1	20-JAN-2009 13:37:42	Dark	38.500	71	lot Car	2.2460	7700.0	77	36036	No
244	GOM_NL__2PRFIN20090120_134211_000000422075_00411_36036_5654.N1	20-JAN-2009 13:42:11	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	36036	No
245	GOM_NL__2PRFIN20090120_134419_000000382075_00411_36036_5655.N1	20-JAN-2009 13:44:19	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	36036	No
246	GOM_NL__2PRFIN20090120_134552_000000442075_00411_36036_5656.N1	20-JAN-2009 13:45:52	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	36036	No
247	GOM_NL__2PRFIN20090120_134822_000000422075_00411_36036_5657.N1	20-JAN-2009 13:48:22	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	36036	No
248	GOM_NL__2PRFIN20090120_134946_000000382075_00411_36036_5658.N1	20-JAN-2009 13:49:46	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	36036	No
249	GOM_NL__2PRFIN20090120_135157_000000432075_00411_36036_5659.N1	20-JAN-2009 13:51:57	Straylight	43.000	1	9Alp CMa	-1.4400	11000.	86	36036	No
250	GOM_NL__2PRFIN20090120_135818_000000522075_00411_36036_5660.N1	20-JAN-2009 13:58:18	Twilight	52.000	8	10Alp Cmi	0.40000	6500.0	104	36036	No
251	GOM_NL__2PRFIN20090120_140123_000000492075_00411_36036_5661.N1	20-JAN-2009 14:01:23	Bright	49.000	44	24Gam Gem	1.9280	11000.	98	36036	No
252	GOM_NL__2PRFIN20090120_140308_000000402075_00411_36036_5662.N1	20-JAN-2009 14:03:08	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	36036	No
253	GOM_NL__2PRFIN20090120_140627_000000422075_00411_36036_5663.N1	20-JAN-2009 14:06:27	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	36036	No
254	GOM_NL__2PRFIN20090120_140929_000000352075_00411_36036_5664.N1	20-JAN-2009 14:09:29	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	36036	No
255	GOM_NL__2PRFIN20090120_142203_000000332075_00411_36036_5665.N1	20-JAN-2009 14:22:03	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	36036	No
256	GOM_NL__2PRFIN20090120_142546_000000402075_00411_36036_5666.N1	20-JAN-2009 14:25:46	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	36036	No
257	GOM_NL__2PRFIN20090120_143014_000000392075_00411_36036_5667.N1	20-JAN-2009 14:30:14	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	36036	No
258	GOM_NL__2PRFIN20090120_143259_000000392075_00411_36036_5668.N1	20-JAN-2009 14:32:59	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	36036	No
259	GOM_NL__2PRFIN20090120_143921_000000392075_00411_36036_5669.N1	20-JAN-2009 14:39:21	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	36036	No
260	GOM_NL__2PRFIN20090120_144235_000000432075_00411_36036_5670.N1	20-JAN-2009 14:42:35	Bright	42.500	127	27Bet Her	2.7810	4700.0	85	36036	No
261	GOM_NL__2PRFIN20090120_144414_000000352075_00411_36036_5671.N1	20-JAN-2009 14:44:14	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	36036	No
262	GOM_NL__2PRFIN20090120_144621_000000342075_00411_36036_5672.N1	20-JAN-2009 14:46:21	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	36036	No
263	GOM_NL__2PRFIN20090120_145032_000000472075_00411_36036_5673.N1	20-JAN-2009 14:50:32	Bright	46.500	120	1Del Oph	2.7340	3200.0	93	36036	No
264	GOM_NL__2PRFIN20090120_145227_000000372075_00411_36036_5674.N1	20-JAN-2009 14:52:27	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	36036	No
265	GOM_NL__2PRFIN20090120_145617_000000542075_00411_36036_5675.N1	20-JAN-2009 14:56:17	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	36036	No
266	GOM_NL__2PRFIN20090120_145749_000000432075_00411_36036_5676.N1	20-JAN-2009 14:57:49	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	36036	No
267	GOM_NL__2PRFIN20090120_150144_000000392075_00411_36036_5677.N1	20-JAN-2009 15:01:44	Dark	39.000	131	Gam Lup	2.8000	26000.	78	36036	No
268	GOM_NL__2PRFIN20090120_150338_000000412075_00411_36036_5678.N1	20-JAN-2009 15:03:38	Dark	41.000	109	Bet Lup	2.6770	26000.	82	36036	No
269	GOM_NL__2PRFIN20090120_150508_000000422075_00411_36036_5679.N1	20-JAN-2009 15:05:08	Dark	42.000	78	Alp Lup	2.3040	28000.	84	36036	No
270	GOM_NL__2PRFIN20090120_150726_000000422075_00412_36037_5697.N1	20-JAN-2009 15:07:26	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	36037	No
271	GOM_NL__2PRFIN20090120_151156_000000412075_00412_36037_5698.N1	20-JAN-2009 15:11:56	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	36037	No
272	GOM_NL__2PRFIN20090120_151613_000000372075_00412_36037_5699.N1	20-JAN-2009 15:16:13	Dark	37.000	29	Bet Car	1.6720	10200.	74	36037	No
273	GOM_NL__2PRFIN20090120_151818_000000432075_00412_36037_5700.N1	20-JAN-2009 15:18:18	Dark	43.000	71	lot Car	2.2460	7700.0	86	36037	No
274	GOM_NL__2PRFIN20090120_152247_000000432075_00412_36037_5701.N1	20-JAN-2009 15:22:47	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	36037	No
275	GOM_NL__2PRFIN20090120_152454_000000422075_00412_36037_5702.N1	20-JAN-2009 15:24:54	Straylight	42.000	70	Zet Pup	2.2460	39000.	84	36037	No
276	GOM_NL__2PRFIN20090120_152628_000000432075_00412_36037_5703.N1	20-JAN-2009 15:26:28	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	36037	No
277	GOM_NL__2PRFIN20090120_152858_000000412075_00412_36037_5704.N1	20-JAN-2009 15:28:58	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	36037	No
278	GOM_NL__2PRFIN20090120_153022_000000392075_00412_36037_5705.N1	20-JAN-2009 15:30:22	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	36037	No

279	GOM_NL__2PRFIN20090120_153233_000000432075_00412_36037_5706.N1	20-JAN-2009 15:32:33	Straylight	43.000	1	9Alp CMa	-1.4400	11000.	86	36037	No
280	GOM_NL__2PRFIN20090120_153854_000000552075_00412_36037_5707.N1	20-JAN-2009 15:38:54	Twl_and_stray	55.000	8	10Alp CMi	0.40000	6500.0	110	36037	No
281	GOM_NL__2PRFIN20090120_154159_000000442075_00412_36037_5708.N1	20-JAN-2009 15:41:59	Bright	43.500	44	24Gam Gem	1.9280	11000.	87	36037	No
282	GOM_NL__2PRFIN20090120_154344_000000412075_00412_36037_5709.N1	20-JAN-2009 15:43:44	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	36037	No
283	GOM_NL__2PRFIN20090120_154703_000000432075_00412_36037_5710.N1	20-JAN-2009 15:47:03	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	36037	No
284	GOM_NL__2PRFIN20090120_155005_000000372075_00412_36037_5711.N1	20-JAN-2009 15:50:05	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	36037	No
285	GOM_NL__2PRFIN20090120_160238_000000372075_00412_36037_5712.N1	20-JAN-2009 16:02:38	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	36037	No
286	GOM_NL__2PRFIN20090120_160622_000000412075_00412_36037_5713.N1	20-JAN-2009 16:06:22	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	36037	No
287	GOM_NL__2PRFIN20090120_161050_000000392075_00412_36037_5714.N1	20-JAN-2009 16:10:50	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36037	No
288	GOM_NL__2PRFIN20090120_161335_000000352075_00412_36037_5715.N1	20-JAN-2009 16:13:35	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	36037	No
289	GOM_NL__2PRFIN20090120_161957_000000412075_00412_36037_5716.N1	20-JAN-2009 16:19:57	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	36037	No
290	GOM_NL__2PRFIN20090120_162311_000000392075_00412_36037_5717.N1	20-JAN-2009 16:23:11	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	36037	No
291	GOM_NL__2PRFIN20090120_162450_000000342075_00412_36037_5718.N1	20-JAN-2009 16:24:50	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	36037	No
292	GOM_NL__2PRFIN20090120_162657_000000502075_00412_36037_5719.N1	20-JAN-2009 16:26:57	Bright	49.500	126	60Bet Oph	2.7700	4250.0	99	36037	No
293	GOM_NL__2PRFIN20090120_163108_000000482075_00412_36037_5720.N1	20-JAN-2009 16:31:08	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	36037	No
294	GOM_NL__2PRFIN20090120_163303_000000522075_00412_36037_5721.N1	20-JAN-2009 16:33:03	Bright	52.000	86	35Eta Oph	2.4300	10200.	104	36037	No
295	GOM_NL__2PRFIN20090120_163653_000000512075_00412_36037_5722.N1	20-JAN-2009 16:36:53	Twilight	50.500	16	21Alp Sco	1.0200	3000.0	101	36037	No
296	GOM_NL__2PRFIN20090120_163826_000000462075_00412_36037_5723.N1	20-JAN-2009 16:38:26	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	36037	No
297	GOM_NL__2PRFIN20090120_164220_000000392075_00412_36037_5724.N1	20-JAN-2009 16:42:20	Dark	39.000	131	Gam Lup	2.8000	26000.	78	36037	No
298	GOM_NL__2PRFIN20090120_164415_000000432075_00412_36037_5725.N1	20-JAN-2009 16:44:15	Dark	42.500	109	Bet Lup	2.6770	26000.	85	36037	No
299	GOM_NL__2PRFIN20090120_164544_000000422075_00412_36037_5726.N1	20-JAN-2009 16:45:44	Dark	42.000	78	Alp Lup	2.3040	28000.	84	36037	No
300	GOM_NL__2PRFIN20090120_164802_000000532075_00413_36038_5713.N1	20-JAN-2009 16:48:02	Dark	52.500	4	Alp1Cen	-0.010000	5800.0	105	36038	No
301	GOM_NL__2PRFIN20090120_165232_000000412075_00413_36038_5714.N1	20-JAN-2009 16:52:32	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	36038	No
302	GOM_NL__2PRFIN20090120_165650_000000382075_00413_36038_5715.N1	20-JAN-2009 16:56:50	Dark	37.500	29	Bet Car	1.6720	10200.	75	36038	No
303	GOM_NL__2PRFIN20090120_165854_000000382075_00413_36038_5716.N1	20-JAN-2009 16:58:54	Dark	38.000	71	lot Car	2.2460	7700.0	76	36038	No
304	GOM_NL__2PRFIN20090120_170324_000000412075_00413_36038_5717.N1	20-JAN-2009 17:03:24	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	36038	No
305	GOM_NL__2PRFIN20090120_170531_000000402075_00413_36038_5718.N1	20-JAN-2009 17:05:31	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	36038	No
306	GOM_NL__2PRFIN20090120_170705_000000452075_00413_36038_5719.N1	20-JAN-2009 17:07:05	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	36038	No
307	GOM_NL__2PRFIN20090120_170934_000000432075_00413_36038_5720.N1	20-JAN-2009 17:09:34	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	36038	No
308	GOM_NL__2PRFIN20090120_171058_000000382075_00413_36038_5721.N1	20-JAN-2009 17:10:58	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	36038	No
309	GOM_NL__2PRFIN20090120_171309_000000432075_00413_36038_5722.N1	20-JAN-2009 17:13:09	Straylight	43.000	1	9Alp CMa	-1.4400	11000.	86	36038	No
310	GOM_NL__2PRFIN20090120_171930_000000512075_00413_36038_5723.N1	20-JAN-2009 17:19:30	Twl_and_stray	51.000	8	10Alp CMi	0.40000	6500.0	102	36038	No
311	GOM_NL__2PRFIN20090120_172235_000000472075_00413_36038_5724.N1	20-JAN-2009 17:22:35	Bright	46.500	44	24Gam Gem	1.9280	11000.	93	36038	No
312	GOM_NL__2PRFIN20090120_172420_000000402075_00413_36038_5725.N1	20-JAN-2009 17:24:20	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	36038	No
313	GOM_NL__2PRFIN20090120_172739_000000402075_00413_36038_5726.N1	20-JAN-2009 17:27:39	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	36038	No
314	GOM_NL__2PRFIN20090120_173041_000000362075_00413_36038_5727.N1	20-JAN-2009 17:30:41	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	36038	No
315	GOM_NL__2PRFIN20090120_174315_000000362075_00413_36038_5728.N1	20-JAN-2009 17:43:15	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	36038	No
316	GOM_NL__2PRFIN20090120_174657_000000402075_00413_36038_5729.N1	20-JAN-2009 17:46:57	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	36038	No
317	GOM_NL__2PRFIN20090120_175125_000000382075_00413_36038_5730.N1	20-JAN-2009 17:51:25	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	36038	No
318	GOM_NL__2PRFIN20090120_175411_000000392075_00413_36038_5731.N1	20-JAN-2009 17:54:11	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	36038	No
319	GOM_NL__2PRFIN20090120_180033_000000372075_00413_36038_5732.N1	20-JAN-2009 18:00:33	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	36038	No
320	GOM_NL__2PRFIN20090120_180348_000000432075_00413_36038_5733.N1	20-JAN-2009 18:03:48	Bright	42.500	127	27Bet Her	2.7810	4700.0	85	36038	No
321	GOM_NL__2PRFIN20090120_180526_000000522075_00413_36038_5734.N1	20-JAN-2009 18:05:26	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36038	No
322	GOM_NL__2PRFIN20090120_180733_000000362075_00413_36038_5735.N1	20-JAN-2009 18:07:33	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	36038	No
323	GOM_NL__2PRFIN20090120_181145_000000482075_00413_36038_5736.N1	20-JAN-2009 18:11:45	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	36038	No
324	GOM_NL__2PRFIN20090120_181340_000000522075_00413_36038_5737.N1	20-JAN-2009 18:13:40	Bright	52.000	86	35Eta Oph	2.4300	10200.	104	36038	No
325	GOM_NL__2PRFIN20090120_181729_000000442075_00413_36038_5738.N1	20-JAN-2009 18:17:29	Twilight	44.000	16	21Alp Sco	1.0200	3000.0	88	36038	No
326	GOM_NL__2PRFIN20090120_181902_000000412075_00413_36038_5739.N1	20-JAN-2009 18:19:02	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	36038	No
327	GOM_NL__2PRFIN20090120_182257_000000392075_00413_36038_5740.N1	20-JAN-2009 18:22:57	Dark	39.000	131	Gam Lup	2.8000	26000.	78	36038	No
328	GOM_NL__2PRFIN20090120_182452_000000432075_00413_36038_5741.N1	20-JAN-2009 18:24:52	Dark	43.000	109	Bet Lup	2.6770	26000.	86	36038	No
329	GOM_NL__2PRFIN20090120_182621_000000412075_00413_36038_5742.N1	20-JAN-2009 18:26:21	Dark	41.000	78	Alp Lup	2.3040	28000.	82	36038	No
330	GOM_NL__2PRFIN20090120_182838_000000482075_00414_36039_5735.N1	20-JAN-2009 18:28:38	Dark	48.000	4	Alp1Cen	-0.010000	5800.0	96	36039	No
331	GOM_NL__2PRFIN20090120_183309_000000422075_00414_36039_5736.N1	20-JAN-2009 18:33:09	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	36039	No
332	GOM_NL__2PRFIN20090120_183726_000000362075_00414_36039_5737.N1	20-JAN-2009 18:37:26	Dark	35.500	29	Bet Car	1.6720	10200.	71	36039	No
333	GOM_NL__2PRFIN20090120_183931_000000402075_00414_36039_5738.N1	20-JAN-2009 18:39:31	Dark	40.000	71	lot Car	2.2460	7700.0	80	36039	No
334	GOM_NL__2PRFIN20090120_184400_000000402075_00414_36039_5739.N1	20-JAN-2009 18:44:00	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	36039	No
335	GOM_NL__2PRFIN20090120_184608_000000402075_00414_36039_5740.N1	20-JAN-2009 18:46:08	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	36039	No
336	GOM_NL__2PRFIN20090120_184741_000000432075_00414_36039_5741.N1	20-JAN-2009 18:47:41	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	36039	No
337	GOM_NL__2PRFIN20090120_185010_000000422075_00414_36039_5742.N1	20-JAN-2009 18:50:10	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	36039	No

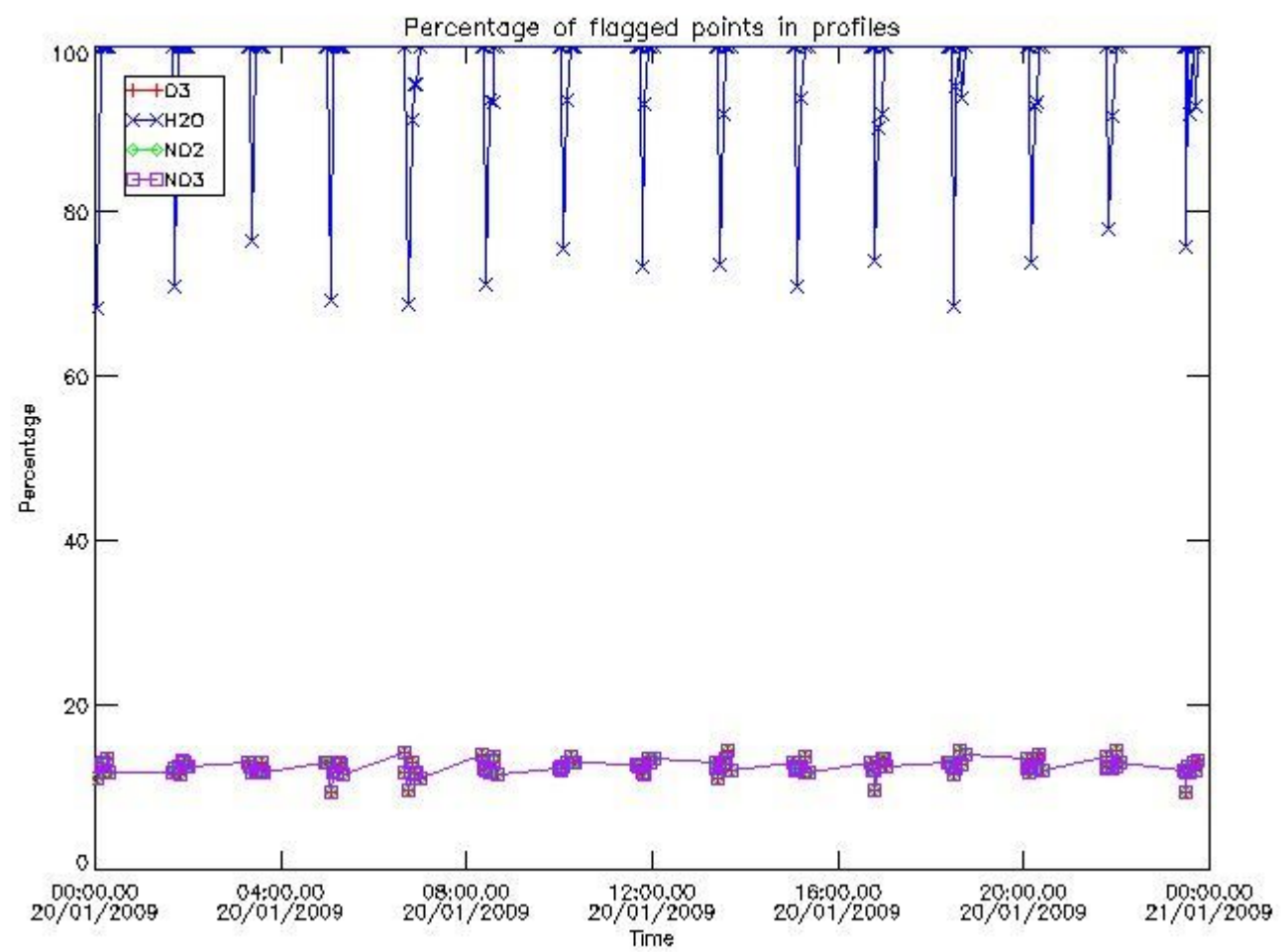
338	GOM_NL__2PRFIN20090120_185134_000000372075_00414_36039_5743.N1	20-JAN-2009 18:51:34	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	36039	No
339	GOM_NL__2PRFIN20090120_185346_000000442075_00414_36039_5744.N1	20-JAN-2009 18:53:46	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	36039	No
340	GOM_NL__2PRFIN20090120_190006_000000522075_00414_36039_5745.N1	20-JAN-2009 19:00:06	Tw_i_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	36039	No
341	GOM_NL__2PRFIN20090120_190312_000000502075_00414_36039_5746.N1	20-JAN-2009 19:03:12	Bright	49.500	44	24Gam Gem	1.9280	11000.	99	36039	No
342	GOM_NL__2PRFIN20090120_190456_000000392075_00414_36039_5747.N1	20-JAN-2009 19:04:56	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	36039	No
343	GOM_NL__2PRFIN20090120_190814_000000432075_00414_36039_5748.N1	20-JAN-2009 19:08:14	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	36039	No
344	GOM_NL__2PRFIN20090120_191117_000000362075_00414_36039_5749.N1	20-JAN-2009 19:11:17	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	36039	No
345	GOM_NL__2PRFIN20090120_192350_000000372075_00414_36039_5750.N1	20-JAN-2009 19:23:50	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	36039	No
346	GOM_NL__2PRFIN20090120_192733_000000352075_00414_36039_5751.N1	20-JAN-2009 19:27:33	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	36039	No
347	GOM_NL__2PRFIN20090120_193201_000000392075_00414_36039_5752.N1	20-JAN-2009 19:32:01	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36039	No
348	GOM_NL__2PRFIN20090120_193447_000000402075_00414_36039_5753.N1	20-JAN-2009 19:34:47	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	36039	No
349	GOM_NL__2PRFIN20090120_194109_000000402075_00414_36039_5754.N1	20-JAN-2009 19:41:09	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	36039	No
350	GOM_NL__2PRFIN20090120_194423_000000392075_00414_36039_5755.N1	20-JAN-2009 19:44:23	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	36039	No
351	GOM_NL__2PRFIN20090120_194602_000000522075_00414_36039_5756.N1	20-JAN-2009 19:46:02	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36039	No
352	GOM_NL__2PRFIN20090120_194809_000000342075_00414_36039_5757.N1	20-JAN-2009 19:48:09	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	36039	No
353	GOM_NL__2PRFIN20090120_195221_000000492075_00414_36039_5758.N1	20-JAN-2009 19:52:21	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	36039	No
354	GOM_NL__2PRFIN20090120_195415_000000352075_00414_36039_5759.N1	20-JAN-2009 19:54:15	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	36039	No
355	GOM_NL__2PRFIN20090120_195806_000000492075_00414_36039_5760.N1	20-JAN-2009 19:58:06	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	36039	No
356	GOM_NL__2PRFIN20090120_195938_000000492075_00414_36039_5761.N1	20-JAN-2009 19:59:38	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	36039	No
357	GOM_NL__2PRFIN20090120_200334_000000382075_00414_36039_5762.N1	20-JAN-2009 20:03:34	Dark	38.000	131	Gam Lup	2.8000	26000.	76	36039	No
358	GOM_NL__2PRFIN20090120_200528_000000422075_00414_36039_5763.N1	20-JAN-2009 20:05:28	Dark	41.500	109	Bet Lup	2.6770	26000.	83	36039	No
359	GOM_NL__2PRFIN20090120_200658_000000432075_00414_36039_5764.N1	20-JAN-2009 20:06:58	Dark	43.000	78	Alp Lup	2.3040	28000.	86	36039	No
360	GOM_NL__2PRFIN20090120_200915_000000412075_00415_36040_5747.N1	20-JAN-2009 20:09:15	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	36040	No
361	GOM_NL__2PRFIN20090120_201346_000000422075_00415_36040_5748.N1	20-JAN-2009 20:13:46	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	36040	No
362	GOM_NL__2PRFIN20090120_201802_000000382075_00415_36040_5749.N1	20-JAN-2009 20:18:02	Dark	37.500	29	Bet Car	1.6720	10200.	75	36040	No
363	GOM_NL__2PRFIN20090120_202007_000000402075_00415_36040_5750.N1	20-JAN-2009 20:20:07	Dark	40.000	71	lot Car	2.2460	7700.0	80	36040	No
364	GOM_NL__2PRFIN20090120_202436_000000432075_00415_36040_5751.N1	20-JAN-2009 20:24:36	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	36040	No
365	GOM_NL__2PRFIN20090120_202643_000000402075_00415_36040_5752.N1	20-JAN-2009 20:26:43	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	36040	No
366	GOM_NL__2PRFIN20090120_202816_000000382075_00415_36040_5753.N1	20-JAN-2009 20:28:16	Straylight	38.000	117	Pi Pup	2.7060	3800.0	76	36040	No
367	GOM_NL__2PRFIN20090120_203047_000000422075_00415_36040_5754.N1	20-JAN-2009 20:30:47	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	36040	No
368	GOM_NL__2PRFIN20090120_203210_000000372075_00415_36040_5755.N1	20-JAN-2009 20:32:10	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	36040	No
369	GOM_NL__2PRFIN20090120_203421_000000442075_00415_36040_5756.N1	20-JAN-2009 20:34:21	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	36040	No
370	GOM_NL__2PRFIN20090120_204041_000000502075_00415_36040_5757.N1	20-JAN-2009 20:40:41	Tw_i_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	36040	No
371	GOM_NL__2PRFIN20090120_204347_000000492075_00415_36040_5758.N1	20-JAN-2009 20:43:47	Bright	48.500	44	24Gam Gem	1.9280	11000.	97	36040	No
372	GOM_NL__2PRFIN20090120_204532_000000402075_00415_36040_5759.N1	20-JAN-2009 20:45:32	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	36040	No
373	GOM_NL__2PRFIN20090120_204850_000000432075_00415_36040_5760.N1	20-JAN-2009 20:48:50	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	36040	No
374	GOM_NL__2PRFIN20090120_205153_000000372075_00415_36040_5761.N1	20-JAN-2009 20:51:53	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	36040	No
375	GOM_NL__2PRFIN20090120_210427_000000362075_00415_36040_5762.N1	20-JAN-2009 21:04:27	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	36040	No
376	GOM_NL__2PRFIN20090120_210809_000000352075_00415_36040_5763.N1	20-JAN-2009 21:08:09	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	36040	No
377	GOM_NL__2PRFIN20090120_211237_000000402075_00415_36040_5764.N1	20-JAN-2009 21:12:37	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	36040	No
378	GOM_NL__2PRFIN20090120_211523_000000382075_00415_36040_5765.N1	20-JAN-2009 21:15:23	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	36040	No
379	GOM_NL__2PRFIN20090120_212146_000000382075_00415_36040_5766.N1	20-JAN-2009 21:21:46	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	36040	No
380	GOM_NL__2PRFIN20090120_212500_000000402075_00415_36040_5767.N1	20-JAN-2009 21:25:00	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	36040	No
381	GOM_NL__2PRFIN20090120_212639_000000522075_00415_36040_5768.N1	20-JAN-2009 21:26:39	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36040	No
382	GOM_NL__2PRFIN20090120_212845_000000342075_00415_36040_5769.N1	20-JAN-2009 21:28:45	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36040	No
383	GOM_NL__2PRFIN20090120_213413_000000402075_00415_36040_5770.N1	20-JAN-2009 21:34:13	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	36040	No
384	GOM_NL__2PRFIN20090120_213843_000000532075_00415_36040_5771.N1	20-JAN-2009 21:38:43	Twilight	52.500	16	21Alp Sco	1.0200	3000.0	105	36040	No
385	GOM_NL__2PRFIN20090120_214015_000000412075_00415_36040_5772.N1	20-JAN-2009 21:40:15	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	36040	No
386	GOM_NL__2PRFIN20090120_214605_000000412075_00415_36040_5773.N1	20-JAN-2009 21:46:05	Dark	40.500	109	Bet Lup	2.6770	26000.	81	36040	No
387	GOM_NL__2PRFIN20090120_214734_000000422075_00415_36040_5774.N1	20-JAN-2009 21:47:34	Dark	41.500	78	Alp Lup	2.3040	28000.	83	36040	No
388	GOM_NL__2PRFIN20090120_214951_000000412075_00416_36041_5795.N1	20-JAN-2009 21:49:51	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	36041	No
389	GOM_NL__2PRFIN20090120_215421_000000422075_00416_36041_5796.N1	20-JAN-2009 21:54:21	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	36041	No
390	GOM_NL__2PRFIN20090120_215838_000000412075_00416_36041_5797.N1	20-JAN-2009 21:58:38	Dark	41.000	29	Bet Car	1.6720	10200.	82	36041	No
391	GOM_NL__2PRFIN20090120_220044_000000392075_00416_36041_5798.N1	20-JAN-2009 22:00:44	Dark	38.500	71	lot Car	2.2460	7700.0	77	36041	No
392	GOM_NL__2PRFIN20090120_220513_000000402075_00416_36041_5799.N1	20-JAN-2009 22:05:13	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	36041	No
393	GOM_NL__2PRFIN20090120_220720_000000402075_00416_36041_5800.N1	20-JAN-2009 22:07:20	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	36041	No
394	GOM_NL__2PRFIN20090120_220853_000000432075_00416_36041_5801.N1	20-JAN-2009 22:08:53	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	36041	No
395	GOM_NL__2PRFIN20090120_221123_000000432075_00416_36041_5802.N1	20-JAN-2009 22:11:23	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	36041	No
396	GOM_NL__2PRFIN20090120_221246_000000392075_00416_36041_5803.N1	20-JAN-2009 22:12:46	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	36041	No

397	GOM_NL__2PRFIN20090120_221457_000000462075_00416_36041_5804.N1	20-JAN-2009 22:14:57	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	36041	No
398	GOM_NL__2PRFIN20090120_222117_000000512075_00416_36041_5805.N1	20-JAN-2009 22:21:17	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	36041	No
399	GOM_NL__2PRFIN20090120_222424_000000452075_00416_36041_5806.N1	20-JAN-2009 22:24:24	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	36041	No
400	GOM_NL__2PRFIN20090120_222608_000000372075_00416_36041_5807.N1	20-JAN-2009 22:26:08	Bright	37.000	151	13Mu Gem	2.8900	3000.0	74	36041	No
401	GOM_NL__2PRFIN20090120_222925_000000432075_00416_36041_5808.N1	20-JAN-2009 22:29:25	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	36041	No
402	GOM_NL__2PRFIN20090120_223229_000000372075_00416_36041_5809.N1	20-JAN-2009 22:32:29	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	36041	No
403	GOM_NL__2PRFIN20090120_224502_000000362075_00416_36041_5810.N1	20-JAN-2009 22:45:02	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36041	No
404	GOM_NL__2PRFIN20090120_224844_000000382075_00416_36041_5811.N1	20-JAN-2009 22:48:44	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	36041	No
405	GOM_NL__2PRFIN20090120_225313_000000382075_00416_36041_5812.N1	20-JAN-2009 22:53:13	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	36041	No
406	GOM_NL__2PRFIN20090120_225559_000000382075_00416_36041_5813.N1	20-JAN-2009 22:55:59	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	36041	No
407	GOM_NL__2PRFIN20090120_230221_000000462075_00416_36041_5814.N1	20-JAN-2009 23:02:21	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	36041	No
408	GOM_NL__2PRFIN20090120_230536_000000582075_00416_36041_5815.N1	20-JAN-2009 23:05:36	Bright	58.000	127	27Bet Her	2.7810	4700.0	116	36041	No
409	GOM_NL__2PRFIN20090120_230715_000000352075_00416_36041_5816.N1	20-JAN-2009 23:07:15	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	36041	No
410	GOM_NL__2PRFIN20090120_230921_000000512075_00416_36041_5817.N1	20-JAN-2009 23:09:21	Bright	51.000	126	60Bet Oph	2.7700	4250.0	102	36041	No
411	GOM_NL__2PRFIN20090120_231450_000000392075_00416_36041_5818.N1	20-JAN-2009 23:14:50	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	36041	No
412	GOM_NL__2PRFIN20090120_231919_000000452075_00416_36041_5819.N1	20-JAN-2009 23:19:19	Twilight	45.000	16	21Alp Sco	1.0200	3000.0	90	36041	No
413	GOM_NL__2PRFIN20090120_232051_000000432075_00416_36041_5820.N1	20-JAN-2009 23:20:51	Twilight	42.500	75	26Eps Sco	2.2910	4250.0	85	36041	No
414	GOM_NL__2PRFIN20090120_232642_000000422075_00416_36041_5821.N1	20-JAN-2009 23:26:42	Dark	42.000	109	Bet Lup	2.6770	26000.	84	36041	No
415	GOM_NL__2PRFIN20090120_232811_000000442075_00416_36041_5822.N1	20-JAN-2009 23:28:11	Dark	43.500	78	Alp Lup	2.3040	28000.	87	36041	No
416	GOM_NL__2PRFIN20090120_233028_000000542075_00417_36042_5813.N1	20-JAN-2009 23:30:28	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	36042	No
417	GOM_NL__2PRFIN20090120_233145_000000412075_00417_36042_5814.N1	20-JAN-2009 23:31:45	Dark	40.500	77	Eps Cen	2.3030	28000.	81	36042	No
418	GOM_NL__2PRFIN20090120_233458_000000442075_00417_36042_5815.N1	20-JAN-2009 23:34:58	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	36042	No
419	GOM_NL__2PRFIN20090120_233914_000000392075_00417_36042_5816.N1	20-JAN-2009 23:39:14	Dark	39.000	29	Bet Car	1.6720	10200.	78	36042	No
420	GOM_NL__2PRFIN20090120_234120_000000432075_00417_36042_5817.N1	20-JAN-2009 23:41:20	Dark	42.500	71	lot Car	2.2460	7700.0	85	36042	No
421	GOM_NL__2PRFIN20090120_234549_000000422075_00417_36042_5818.N1	20-JAN-2009 23:45:49	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	36042	No
422	GOM_NL__2PRFIN20090120_234756_000000382075_00417_36042_5819.N1	20-JAN-2009 23:47:56	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	36042	No
423	GOM_NL__2PRFIN20090120_234929_000000432075_00417_36042_5820.N1	20-JAN-2009 23:49:29	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	36042	No
424	GOM_NL__2PRFIN20090120_235158_000000432075_00417_36042_5821.N1	20-JAN-2009 23:51:58	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	36042	No
425	GOM_NL__2PRFIN20090120_235323_000000382075_00417_36042_5822.N1	20-JAN-2009 23:53:23	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	36042	No
426	GOM_NL__2PRFIN20090120_235533_000000412075_00417_36042_5823.N1	20-JAN-2009 23:55:33	Straylight	40.500	1	9Alp CMa	-1.4400	11000.	81	36042	No

3. Quality information per product

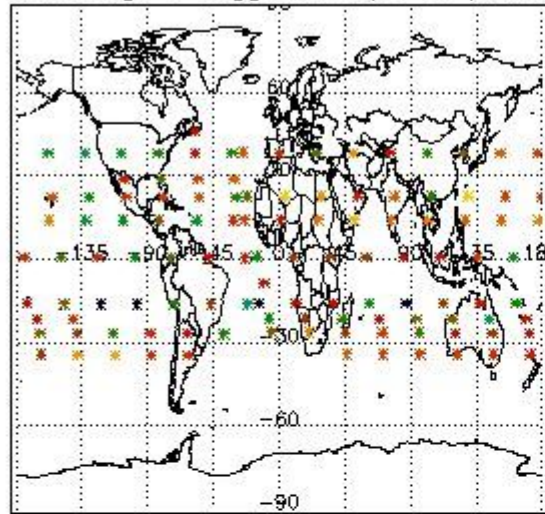
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

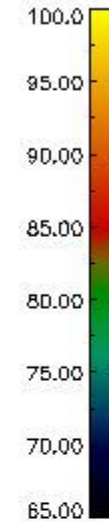
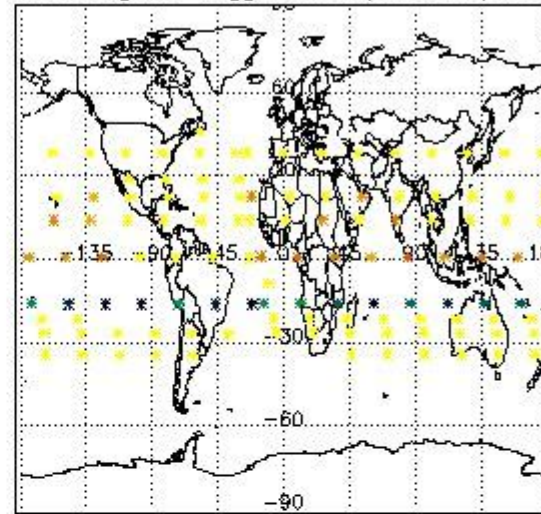


3.2 Plot quality information per product (world map)

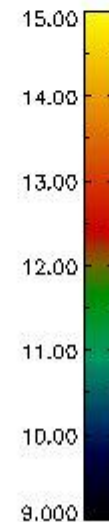
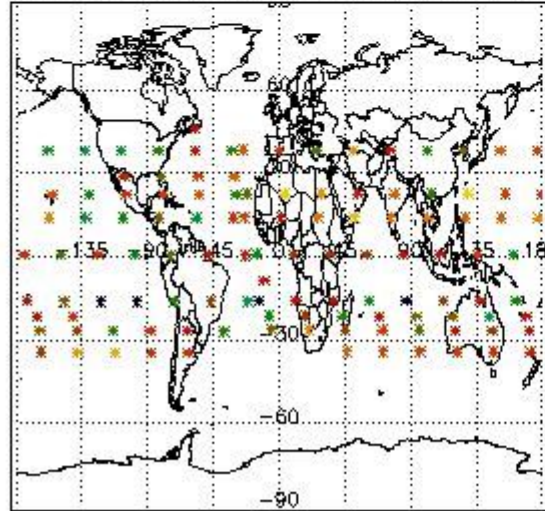
Percentage of flagged data per O3 profile



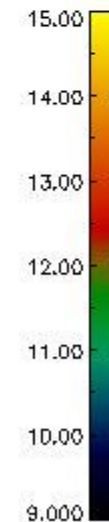
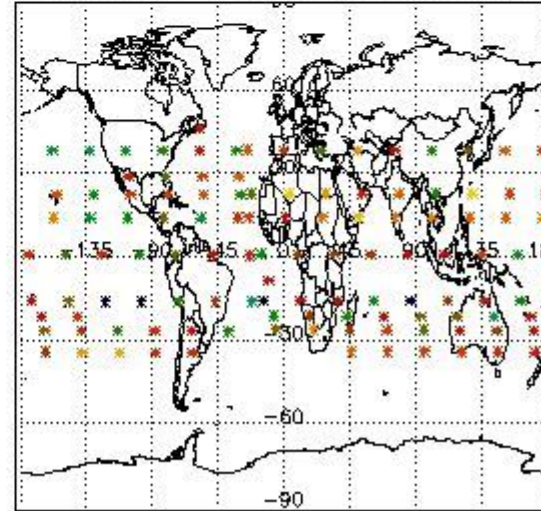
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

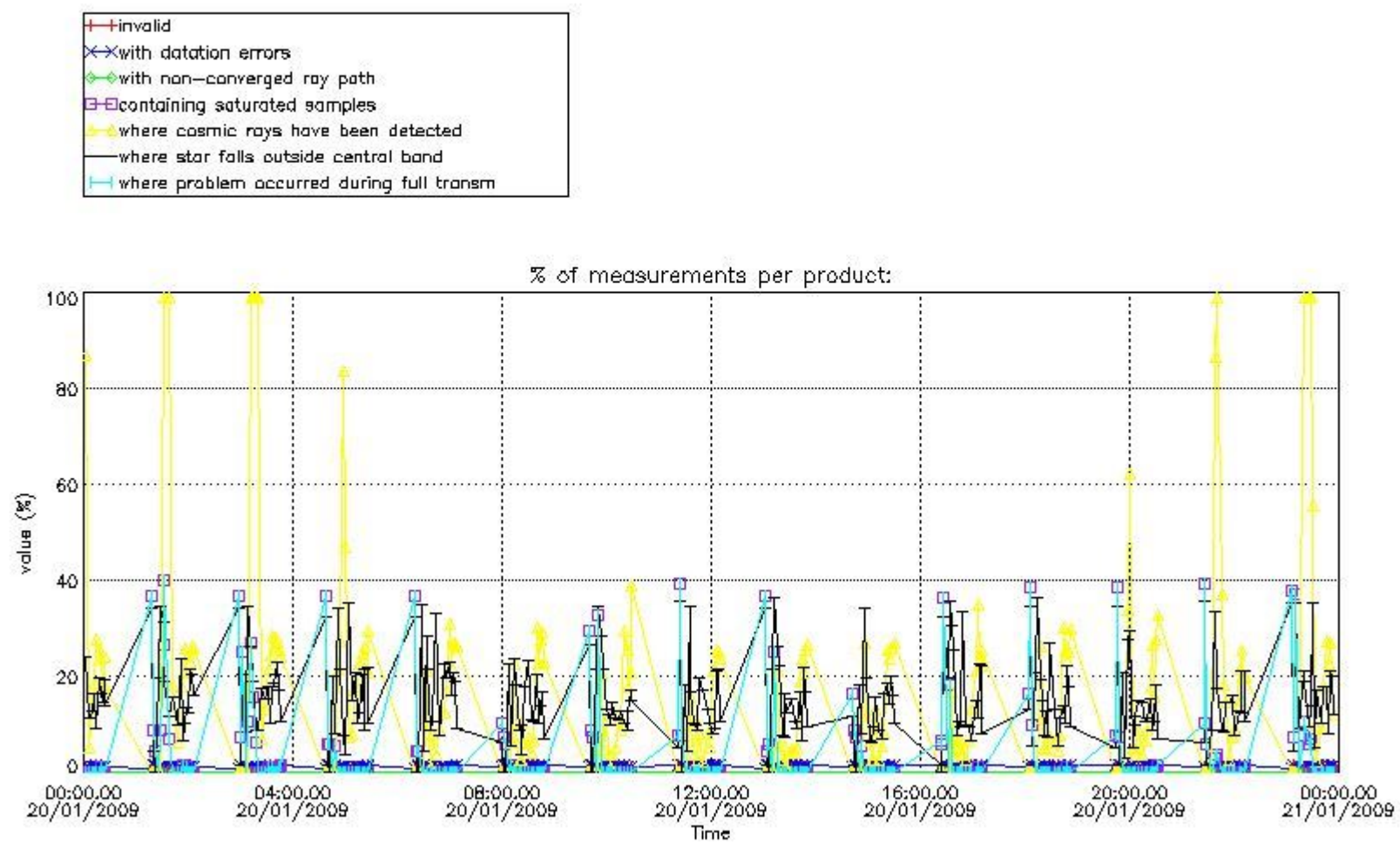


4. Level 1 quality information per product

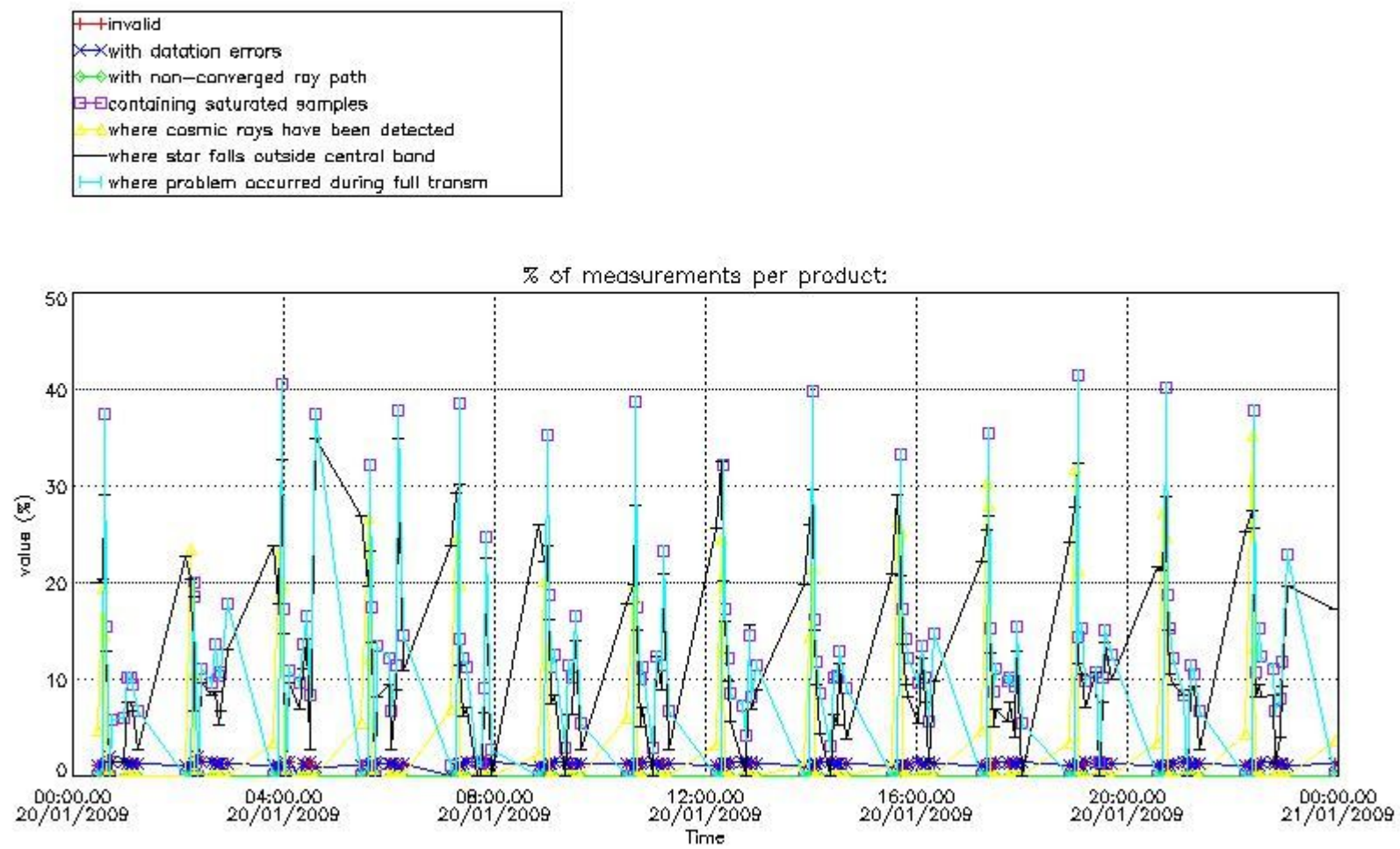
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

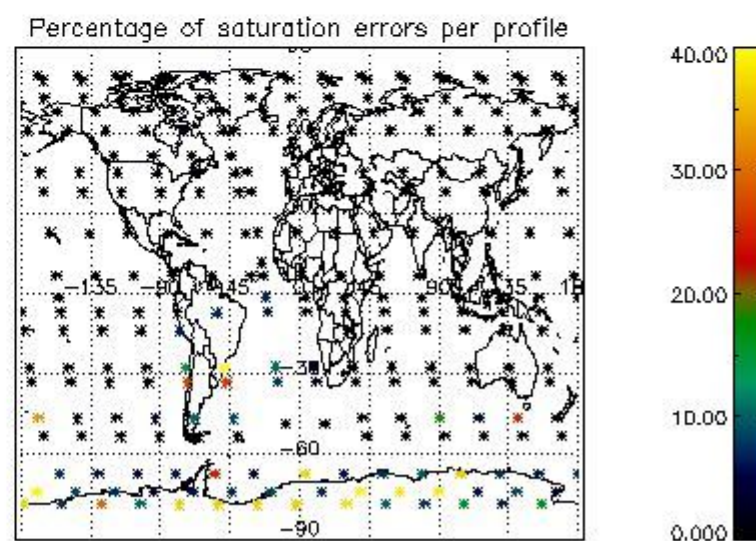
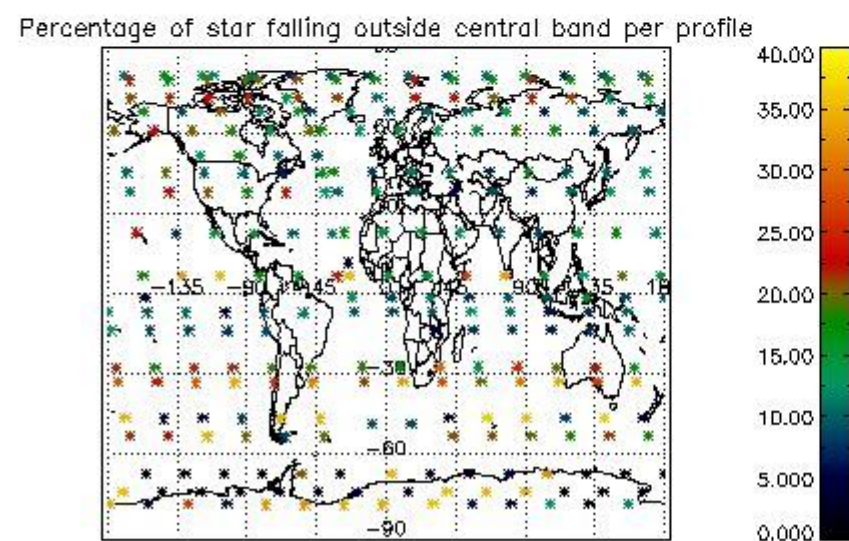
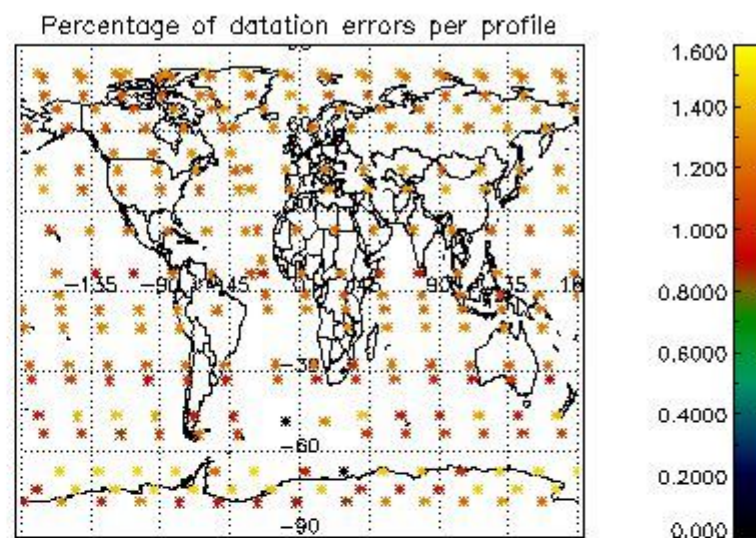
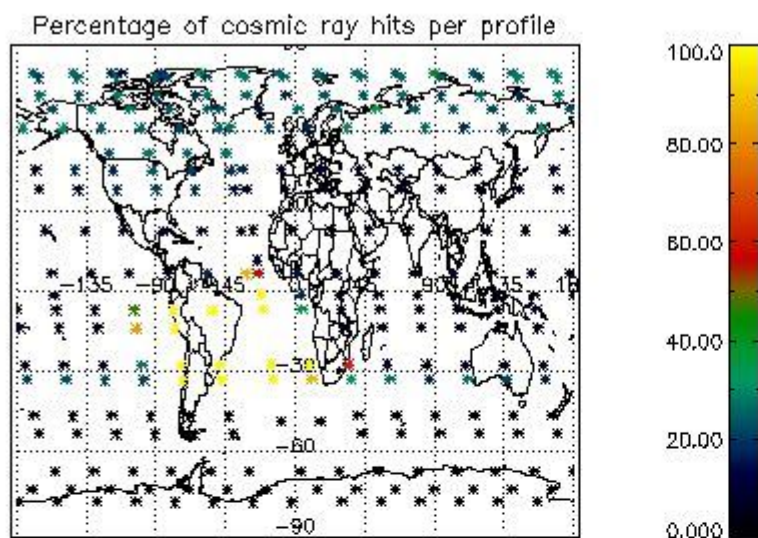


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

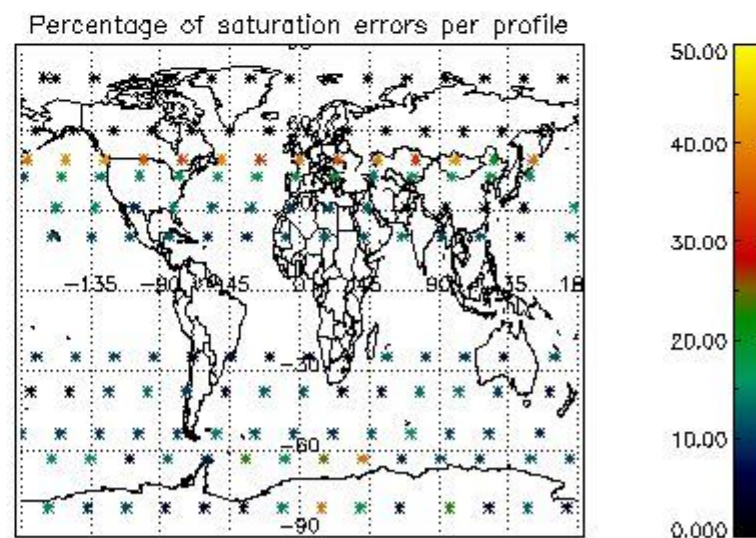
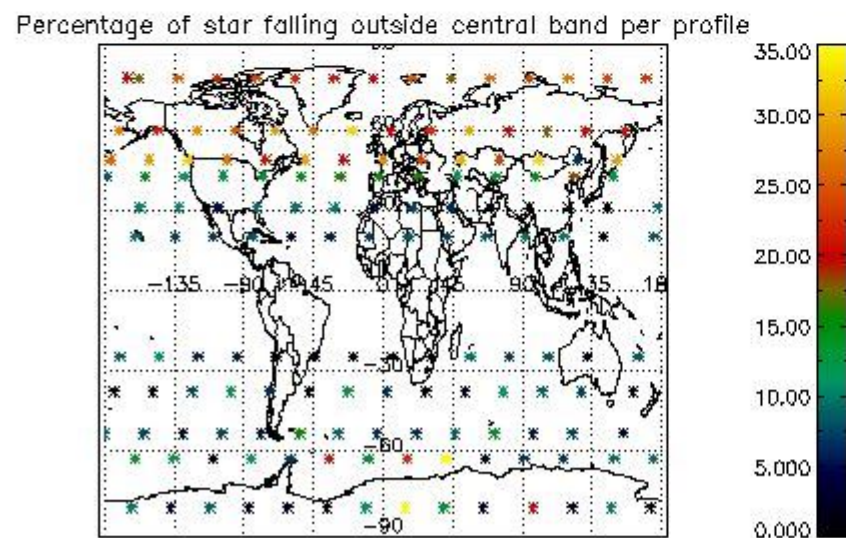
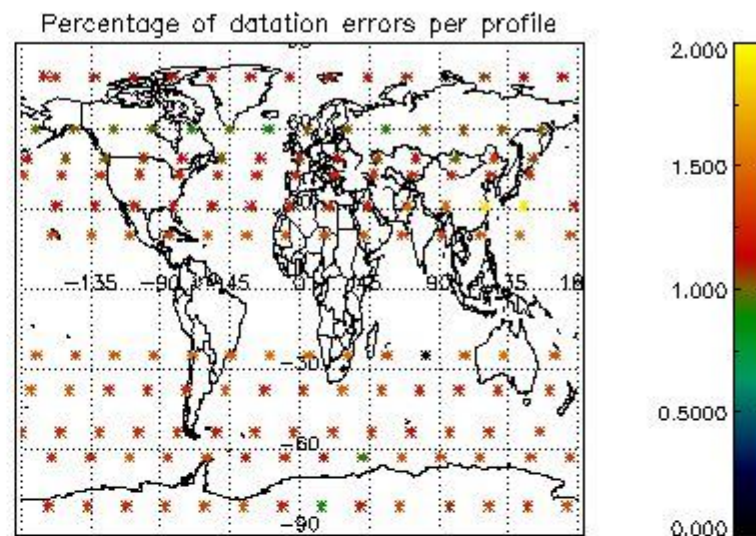
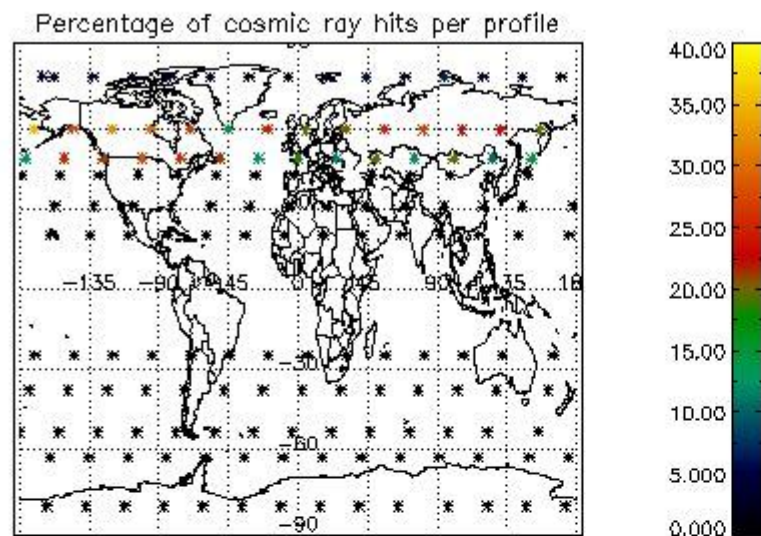


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

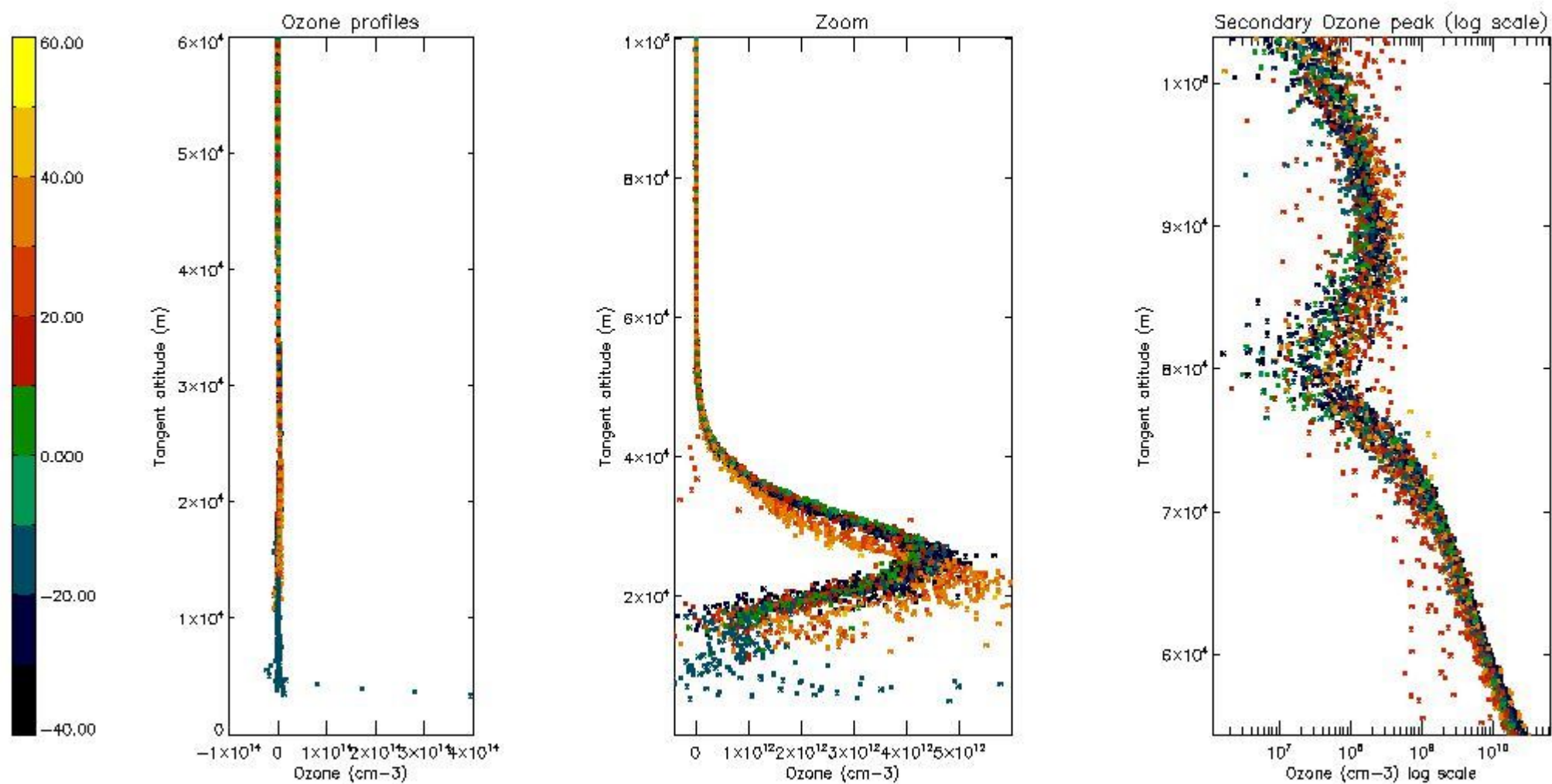
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	17

STD < 10	14
STD < 5	10

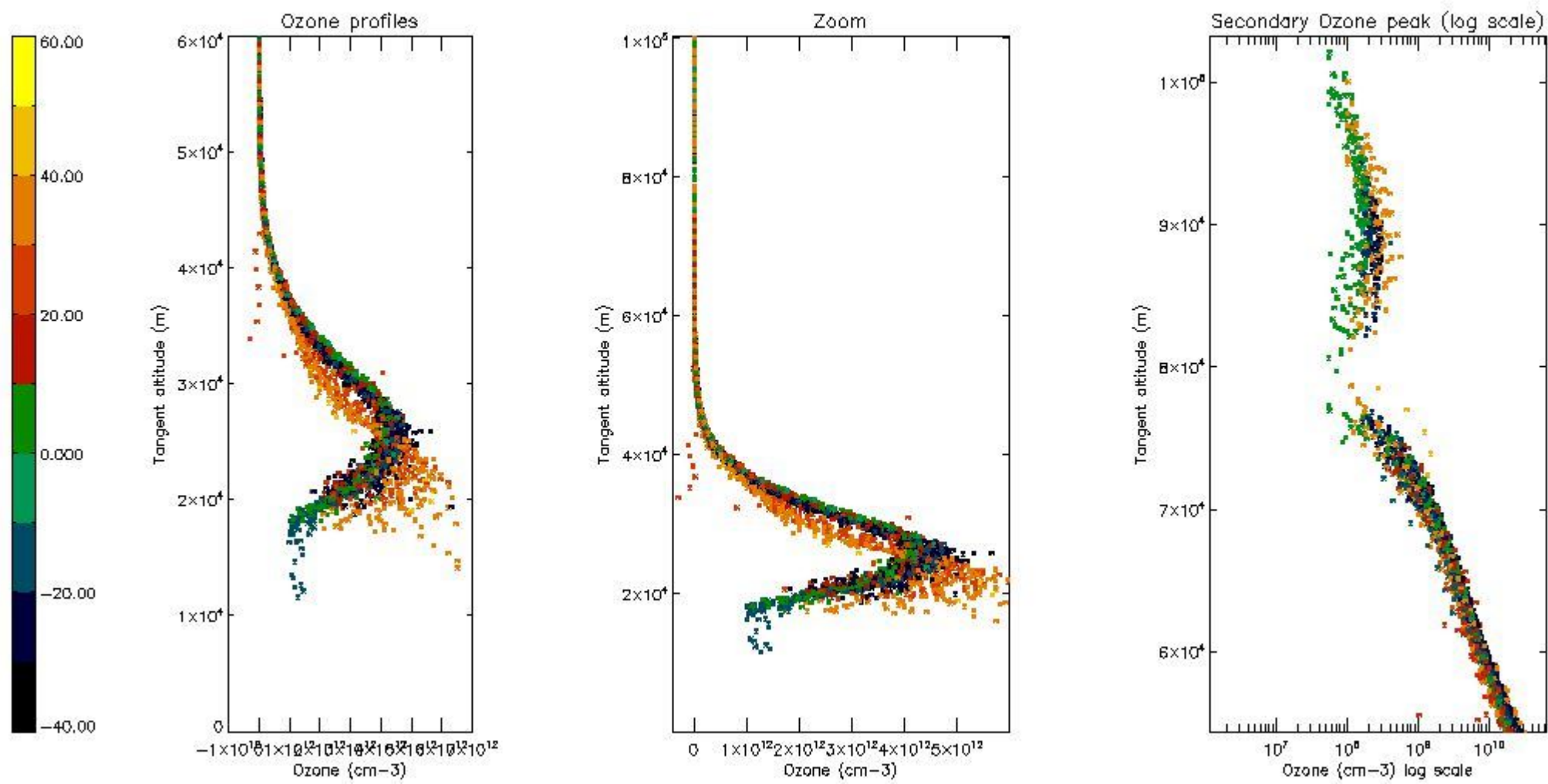
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



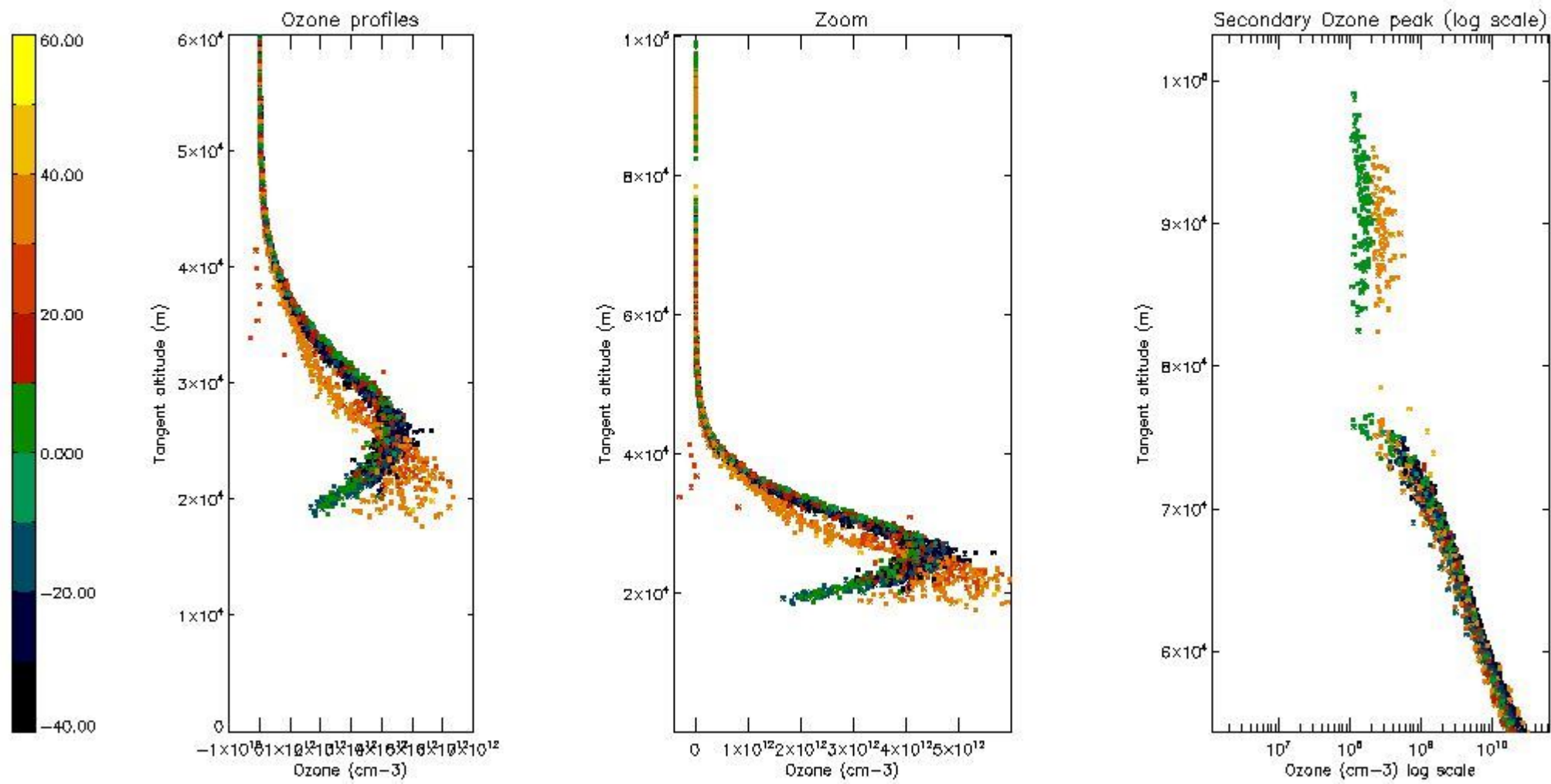
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



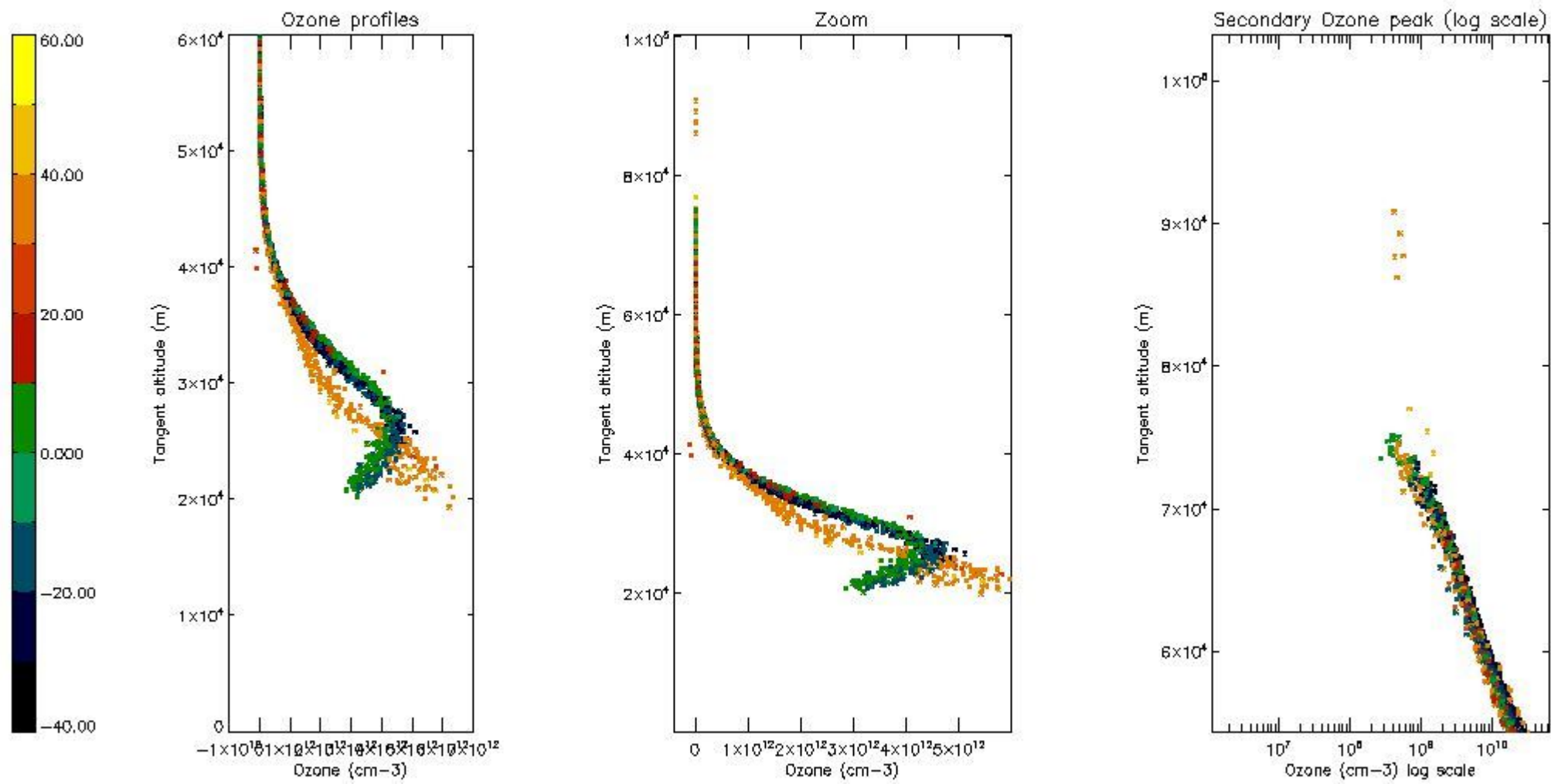
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



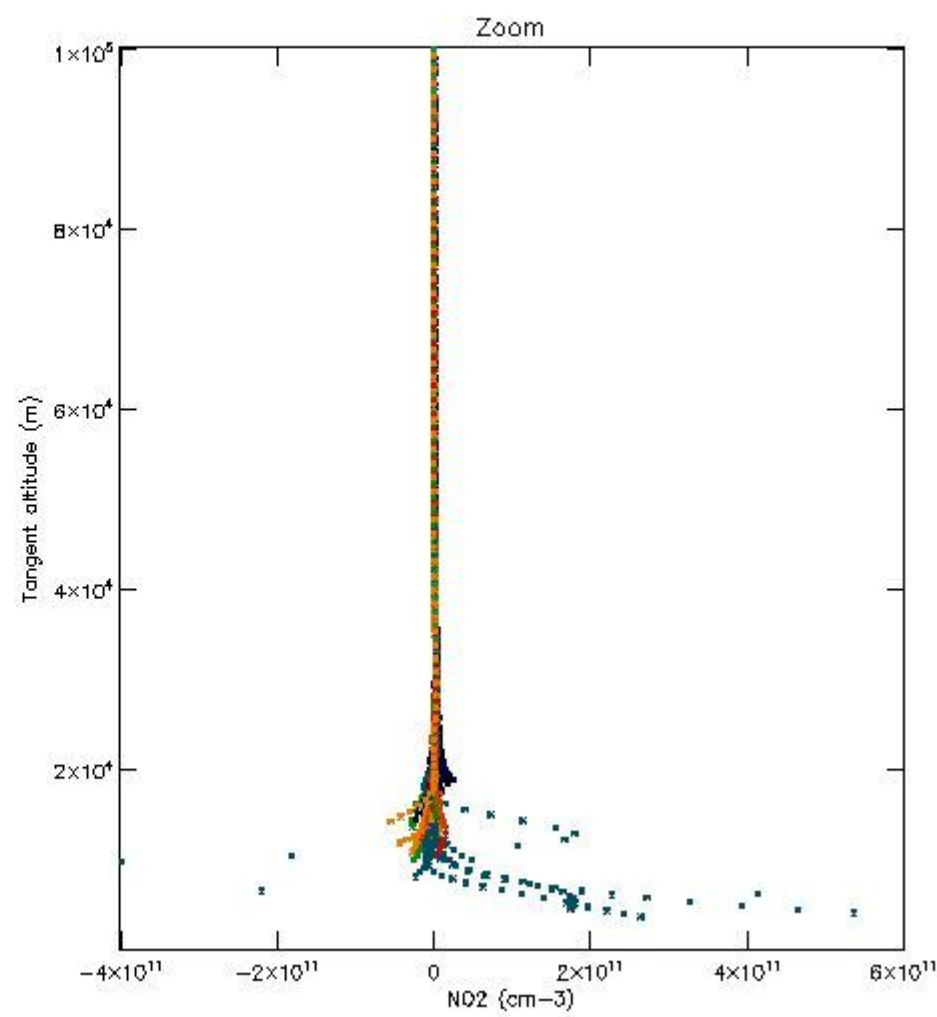
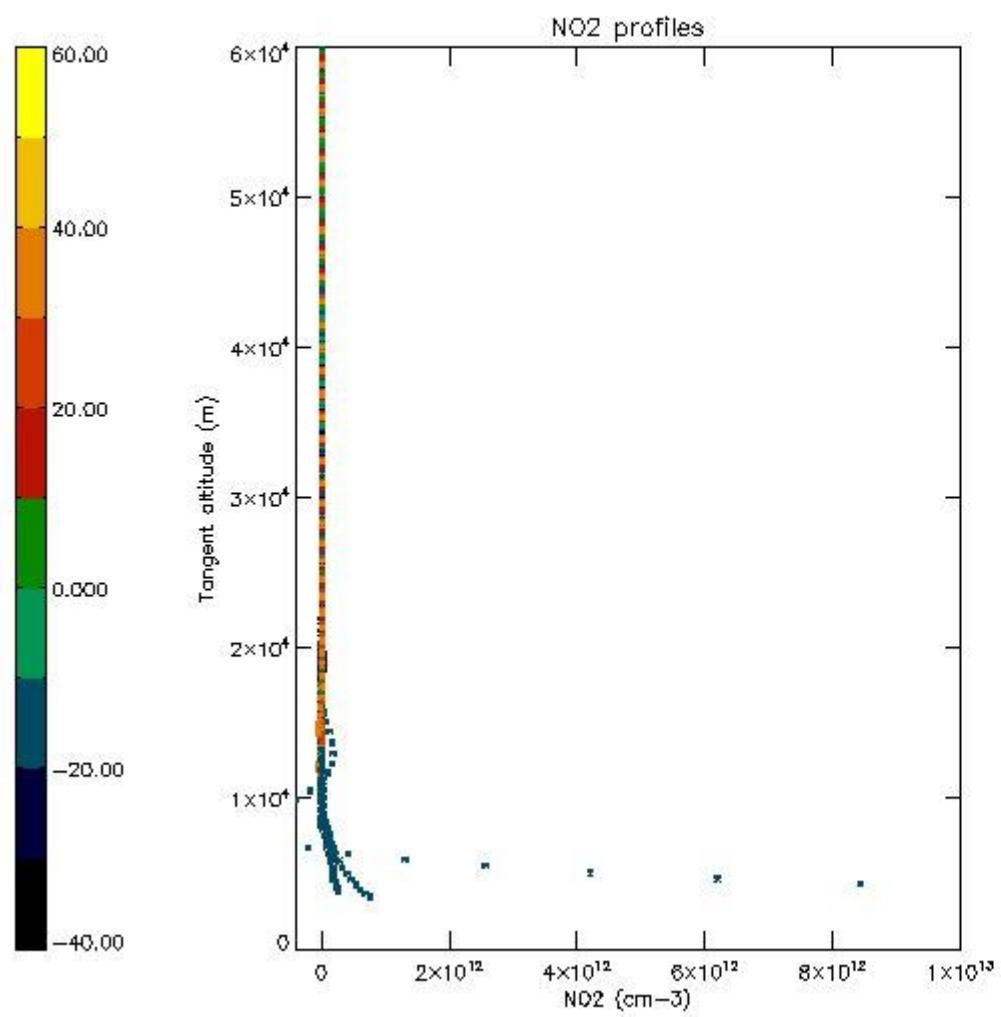
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



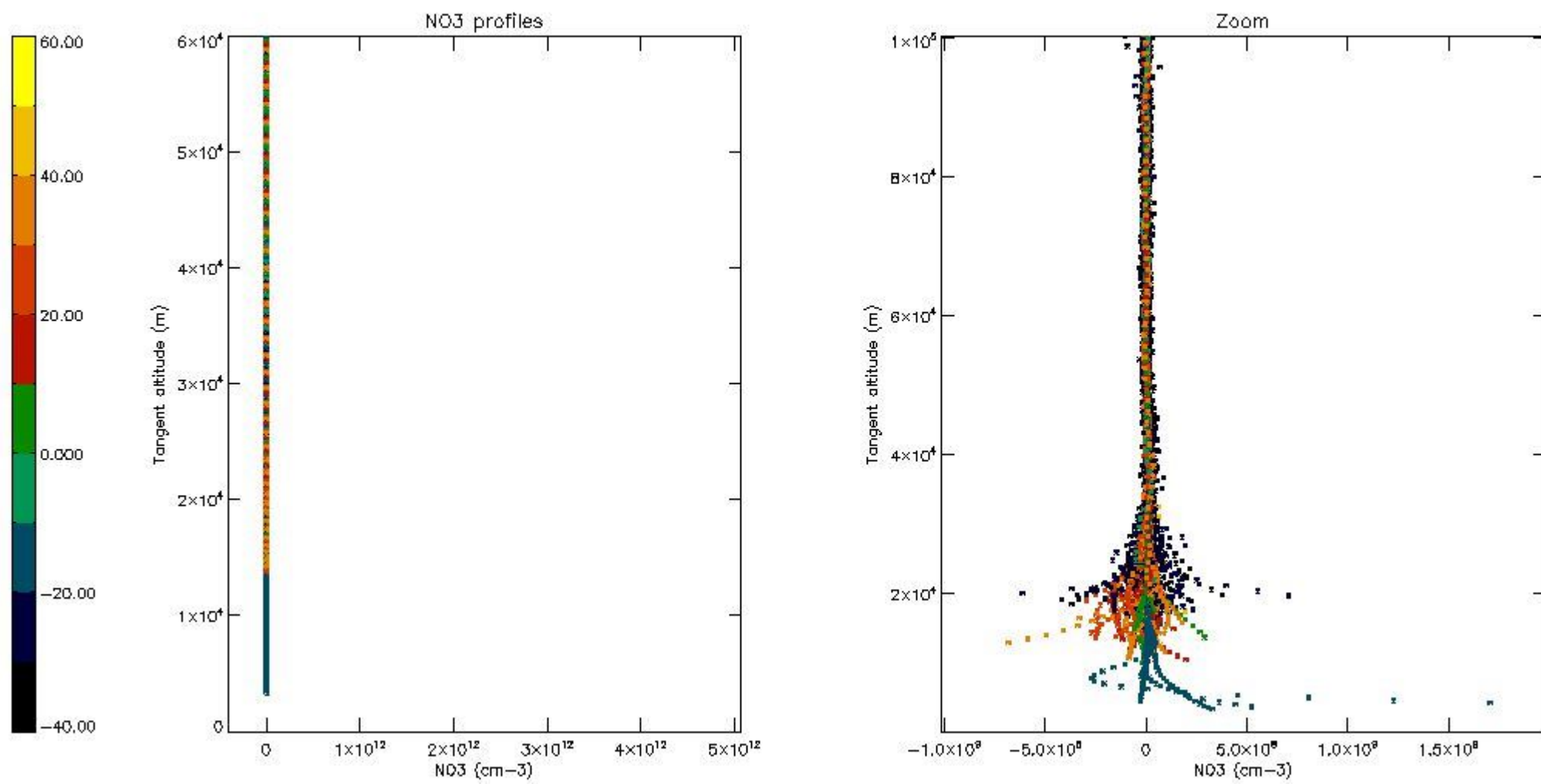
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



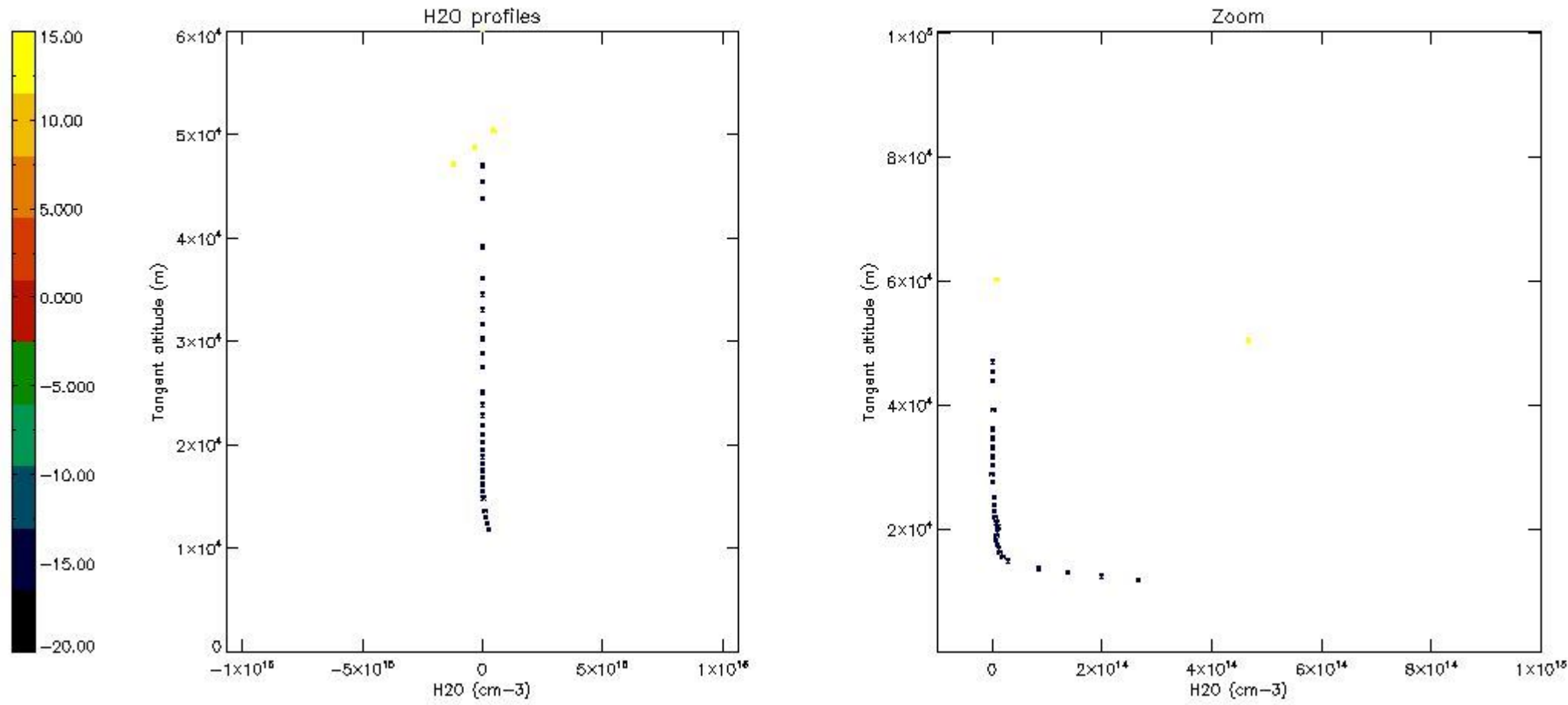
5.7 Plot NO3 profiles for all STD (dark without errors)

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	20-JAN-2009 00:01:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-JAN-2009 00:01:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-JAN-2009 00:01:58

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	25APR2013 16:50:06
Data source version	GOMOS/6.01
Start time of products	20-01-2009 (20JAN2009 00:00:00)
Stop time of products	21-01-2009 (21JAN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	426
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__2PRFIN20090120_000158_000000462075_00403_36028_5483.N1	20-JAN-2009 00:01:58	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	36028	No
2	GOM_NL__2PRFIN20090120_000628_000000402075_00403_36028_5484.N1	20-JAN-2009 00:06:28	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	36028	No
3	GOM_NL__2PRFIN20090120_001047_000000402075_00403_36028_5485.N1	20-JAN-2009 00:10:47	Dark	39.500	29	Bet Car	1.6720	10200.	79	36028	No
4	GOM_NL__2PRFIN20090120_001251_000000432075_00403_36028_5486.N1	20-JAN-2009 00:12:51	Dark	43.000	71	lot Car	2.2460	7700.0	86	36028	No
5	GOM_NL__2PRFIN20090120_001442_000000382075_00403_36028_5487.N1	20-JAN-2009 00:14:42	Dark	38.000	46	Del Vel	1.9540	10600.	76	36028	No
6	GOM_NL__2PRFIN20090120_001721_000000432075_00403_36028_5488.N1	20-JAN-2009 00:17:21	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	36028	No
7	GOM_NL__2PRFIN20090120_001928_000000432075_00403_36028_5489.N1	20-JAN-2009 00:19:28	Straylight	42.500	70	Zet Pup	2.2460	39000.	85	36028	No
8	GOM_NL__2PRFIN20090120_002103_000000412075_00403_36028_5490.N1	20-JAN-2009 00:21:03	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	36028	No
9	GOM_NL__2PRFIN20090120_002333_000000422075_00403_36028_5491.N1	20-JAN-2009 00:23:33	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	36028	No
10	GOM_NL__2PRFIN20090120_002457_000000402075_00403_36028_5492.N1	20-JAN-2009 00:24:57	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	36028	No
11	GOM_NL__2PRFIN20090120_002708_000000432075_00403_36028_5493.N1	20-JAN-2009 00:27:08	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	36028	No
12	GOM_NL__2PRFIN20090120_003332_000000492075_00403_36028_5494.N1	20-JAN-2009 00:33:32	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	36028	No
13	GOM_NL__2PRFIN20090120_003636_000000482075_00403_36028_5495.N1	20-JAN-2009 00:36:36	Bright	48.000	44	24Gam Gem	1.9280	11000.	96	36028	No
14	GOM_NL__2PRFIN20090120_003821_000000392075_00403_36028_5496.N1	20-JAN-2009 00:38:21	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	36028	No
15	GOM_NL__2PRFIN20090120_004143_000000262075_00403_36028_5497.N1	20-JAN-2009 00:41:43	Twilight	26.000	24	66Alp Gem	1.5800	10200.	52	36028	No
16	GOM_NL__2PRFIN20090120_004442_000000342075_00403_36028_5498.N1	20-JAN-2009 00:44:42	Bright	34.000	42	34Bet Aur	1.9000	10200.	68	36028	No
17	GOM_NL__2PRFIN20090120_005715_000000342075_00403_36028_5499.N1	20-JAN-2009 00:57:15	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	36028	No
18	GOM_NL__2PRFIN20090120_010100_000000392075_00403_36028_5500.N1	20-JAN-2009 01:01:00	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	36028	No
19	GOM_NL__2PRFIN20090120_010527_000000402075_00403_36028_5501.N1	20-JAN-2009 01:05:27	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	36028	No
20	GOM_NL__2PRFIN20090120_010811_000000372075_00403_36028_5502.N1	20-JAN-2009 01:08:11	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	36028	No
21	GOM_NL__2PRFIN20090120_011433_000000372075_00403_36028_5503.N1	20-JAN-2009 01:14:33	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	36028	No
22	GOM_NL__2PRFIN20090120_011745_000000572075_00403_36028_5504.N1	20-JAN-2009 01:17:45	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	36028	No
23	GOM_NL__2PRFIN20090120_011924_000000352075_00403_36028_5505.N1	20-JAN-2009 01:19:24	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	36028	No
24	GOM_NL__2PRFIN20090120_012131_000000342075_00403_36028_5506.N1	20-JAN-2009 01:21:31	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36028	No
25	GOM_NL__2PRFIN20090120_012540_000000482075_00403_36028_5507.N1	20-JAN-2009 01:25:40	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	36028	No
26	GOM_NL__2PRFIN20090120_012736_000000522075_00403_36028_5508.N1	20-JAN-2009 01:27:36	Bright	52.000	86	35Eta Oph	2.4300	10200.	104	36028	No
27	GOM_NL__2PRFIN20090120_013125_000000532075_00403_36028_5509.N1	20-JAN-2009 01:31:25	Twilight	52.500	16	21Alp Sco	1.0200	3000.0	105	36028	No
28	GOM_NL__2PRFIN20090120_013259_000000432075_00403_36028_5510.N1	20-JAN-2009 01:32:59	Twilight	42.500	75	26Eps Sco	2.2910	4250.0	85	36028	No
29	GOM_NL__2PRFIN20090120_013845_000000432075_00403_36028_5511.N1	20-JAN-2009 01:38:45	Dark	43.000	109	Bet Lup	2.6770	26000.	86	36028	No
30	GOM_NL__2PRFIN20090120_014234_000000422075_00404_36029_5510.N1	20-JAN-2009 01:42:34	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	36029	No
31	GOM_NL__2PRFIN20090120_014704_000000412075_00404_36029_5511.N1	20-JAN-2009 01:47:04	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	36029	No
32	GOM_NL__2PRFIN20090120_015123_000000452075_00404_36029_5512.N1	20-JAN-2009 01:51:23	Dark	44.500	29	Bet Car	1.6720	10200.	89	36029	No
33	GOM_NL__2PRFIN20090120_015327_000000392075_00404_36029_5513.N1	20-JAN-2009 01:53:27	Dark	38.500	71	lot Car	2.2460	7700.0	77	36029	No
34	GOM_NL__2PRFIN20090120_015518_000000392075_00404_36029_5514.N1	20-JAN-2009 01:55:18	Dark	39.000	46	Del Vel	1.9540	10600.	78	36029	No
35	GOM_NL__2PRFIN20090120_015757_000000412075_00404_36029_5515.N1	20-JAN-2009 01:57:57	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	36029	No
36	GOM_NL__2PRFIN20090120_020005_000000412075_00404_36029_5516.N1	20-JAN-2009 02:00:05	Dark	40.500	70	Zet Pup	2.2460	39000.	81	36029	No
37	GOM_NL__2PRFIN20090120_020139_000000442075_00404_36029_5517.N1	20-JAN-2009 02:01:39	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	36029	No
38	GOM_NL__2PRFIN20090120_020409_000000422075_00404_36029_5518.N1	20-JAN-2009 02:04:09	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	36029	No
39	GOM_NL__2PRFIN20090120_020533_000000412075_00404_36029_5519.N1	20-JAN-2009 02:05:33	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	36029	No
40	GOM_NL__2PRFIN20090120_020744_000000442075_00404_36029_5520.N1	20-JAN-2009 02:07:44	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	36029	No
41	GOM_NL__2PRFIN20090120_021408_000000492075_00404_36029_5521.N1	20-JAN-2009 02:14:08	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	36029	No
42	GOM_NL__2PRFIN20090120_021711_000000382075_00404_36029_5522.N1	20-JAN-2009 02:17:11	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	36029	No

43	GOM_NL__2PRFIN20090120_021857_000000412075_00404_36029_5523.N1	20-JAN-2009 02:18:57	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	36029	No
44	GOM_NL__2PRFIN20090120_022218_000000262075_00404_36029_5524.N1	20-JAN-2009 02:22:18	Twl_and_stray	26.000	24	66Alp Gem	1.5800	10200.	52	36029	No
45	GOM_NL__2PRFIN20090120_022518_000000362075_00404_36029_5525.N1	20-JAN-2009 02:25:18	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	36029	No
46	GOM_NL__2PRFIN20090120_023751_000000362075_00404_36029_5526.N1	20-JAN-2009 02:37:51	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36029	No
47	GOM_NL__2PRFIN20090120_024136_000000412075_00404_36029_5527.N1	20-JAN-2009 02:41:36	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	36029	No
48	GOM_NL__2PRFIN20090120_024602_000000392075_00404_36029_5528.N1	20-JAN-2009 02:46:02	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	36029	No
49	GOM_NL__2PRFIN20090120_024847_000000382075_00404_36029_5529.N1	20-JAN-2009 02:48:47	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	36029	No
50	GOM_NL__2PRFIN20090120_025509_000000422075_00404_36029_5530.N1	20-JAN-2009 02:55:09	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	36029	No
51	GOM_NL__2PRFIN20090120_025822_000000572075_00404_36029_5531.N1	20-JAN-2009 02:58:22	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	36029	No
52	GOM_NL__2PRFIN20090120_030001_000000352075_00404_36029_5532.N1	20-JAN-2009 03:00:01	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	36029	No
53	GOM_NL__2PRFIN20090120_030207_000000422075_00404_36029_5533.N1	20-JAN-2009 03:02:07	Bright	42.000	126	60Bet Oph	2.7700	4250.0	84	36029	No
54	GOM_NL__2PRFIN20090120_030617_000000422075_00404_36029_5534.N1	20-JAN-2009 03:06:17	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	36029	No
55	GOM_NL__2PRFIN20090120_030812_000000522075_00404_36029_5535.N1	20-JAN-2009 03:08:12	Bright	52.000	86	35Eta Oph	2.4300	10200.	104	36029	No
56	GOM_NL__2PRFIN20090120_031202_000000482075_00404_36029_5536.N1	20-JAN-2009 03:12:02	Twilight	48.000	16	21Alp Sco	1.0200	3000.0	96	36029	No
57	GOM_NL__2PRFIN20090120_031336_000000422075_00404_36029_5537.N1	20-JAN-2009 03:13:36	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	36029	No
58	GOM_NL__2PRFIN20090120_031728_000000402075_00404_36029_5538.N1	20-JAN-2009 03:17:28	Dark	39.500	131	Gam Lup	2.8000	26000.	79	36029	No
59	GOM_NL__2PRFIN20090120_031922_000000412075_00404_36029_5539.N1	20-JAN-2009 03:19:22	Dark	40.500	109	Bet Lup	2.6770	26000.	81	36029	No
60	GOM_NL__2PRFIN20090120_032310_000000432075_00405_36030_5520.N1	20-JAN-2009 03:23:10	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	36030	No
61	GOM_NL__2PRFIN20090120_032740_000000432075_00405_36030_5521.N1	20-JAN-2009 03:27:40	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	36030	No
62	GOM_NL__2PRFIN20090120_033200_000000422075_00405_36030_5522.N1	20-JAN-2009 03:32:00	Dark	42.000	29	Bet Car	1.6720	10200.	84	36030	No
63	GOM_NL__2PRFIN20090120_033404_000000392075_00405_36030_5523.N1	20-JAN-2009 03:34:04	Dark	39.000	71	lot Car	2.2460	7700.0	78	36030	No
64	GOM_NL__2PRFIN20090120_033554_000000432075_00405_36030_5524.N1	20-JAN-2009 03:35:54	Dark	42.500	46	Del Vel	1.9540	10600.	85	36030	No
65	GOM_NL__2PRFIN20090120_033833_000000432075_00405_36030_5525.N1	20-JAN-2009 03:38:33	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	36030	No
66	GOM_NL__2PRFIN20090120_034041_000000452075_00405_36030_5526.N1	20-JAN-2009 03:40:41	Straylight	44.500	70	Zet Pup	2.2460	39000.	89	36030	No
67	GOM_NL__2PRFIN20090120_034215_000000442075_00405_36030_5527.N1	20-JAN-2009 03:42:15	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	36030	No
68	GOM_NL__2PRFIN20090120_034445_000000412075_00405_36030_5528.N1	20-JAN-2009 03:44:45	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	36030	No
69	GOM_NL__2PRFIN20090120_034609_000000382075_00405_36030_5529.N1	20-JAN-2009 03:46:09	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	36030	No
70	GOM_NL__2PRFIN20090120_034820_000000442075_00405_36030_5530.N1	20-JAN-2009 03:48:20	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	36030	No
71	GOM_NL__2PRFIN20090120_035443_000000482075_00405_36030_5531.N1	20-JAN-2009 03:54:43	Twl_and_stray	47.500	8	10Alp CMi	0.40000	6500.0	95	36030	No
72	GOM_NL__2PRFIN20090120_035748_000000512075_00405_36030_5532.N1	20-JAN-2009 03:57:48	Bright	50.500	44	24Gam Gem	1.9280	11000.	101	36030	No
73	GOM_NL__2PRFIN20090120_035933_000000412075_00405_36030_5533.N1	20-JAN-2009 03:59:33	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	36030	No
74	GOM_NL__2PRFIN20090120_040254_000000342075_00405_36030_5534.N1	20-JAN-2009 04:02:54	Bright	34.000	24	66Alp Gem	1.5800	10200.	68	36030	No
75	GOM_NL__2PRFIN20090120_040553_000000372075_00405_36030_5535.N1	20-JAN-2009 04:05:53	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	36030	No
76	GOM_NL__2PRFIN20090120_041827_000000362075_00405_36030_5536.N1	20-JAN-2009 04:18:27	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36030	No
77	GOM_NL__2PRFIN20090120_042212_000000412075_00405_36030_5537.N1	20-JAN-2009 04:22:12	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	36030	No
78	GOM_NL__2PRFIN20090120_042638_000000432075_00405_36030_5538.N1	20-JAN-2009 04:26:38	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	36030	No
79	GOM_NL__2PRFIN20090120_042923_000000362075_00405_36030_5539.N1	20-JAN-2009 04:29:23	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	36030	No
80	GOM_NL__2PRFIN20090120_043545_000000562075_00405_36030_5540.N1	20-JAN-2009 04:35:45	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	36030	No
81	GOM_NL__2PRFIN20090120_043858_000000572075_00405_36030_5541.N1	20-JAN-2009 04:38:58	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	36030	No
82	GOM_NL__2PRFIN20090120_044038_000000342075_00405_36030_5542.N1	20-JAN-2009 04:40:38	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	36030	No
83	GOM_NL__2PRFIN20090120_044243_000000342075_00405_36030_5543.N1	20-JAN-2009 04:42:43	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	36030	No
84	GOM_NL__2PRFIN20090120_044653_000000482075_00405_36030_5544.N1	20-JAN-2009 04:46:53	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	36030	No
85	GOM_NL__2PRFIN20090120_044849_000000372075_00405_36030_5545.N1	20-JAN-2009 04:48:49	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	36030	No
86	GOM_NL__2PRFIN20090120_045238_000000542075_00405_36030_5546.N1	20-JAN-2009 04:52:38	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	36030	No
87	GOM_NL__2PRFIN20090120_045411_000000442075_00405_36030_5547.N1	20-JAN-2009 04:54:11	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	36030	No
88	GOM_NL__2PRFIN20090120_045804_000000402075_00405_36030_5548.N1	20-JAN-2009 04:58:04	Dark	39.500	131	Gam Lup	2.8000	26000.	79	36030	No
89	GOM_NL__2PRFIN20090120_045958_000000402075_00405_36030_5549.N1	20-JAN-2009 04:59:58	Dark	39.500	109	Bet Lup	2.6770	26000.	79	36030	No
90	GOM_NL__2PRFIN20090120_050347_000000542075_00406_36031_5538.N1	20-JAN-2009 05:03:47	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	36031	No
91	GOM_NL__2PRFIN20090120_050817_000000442075_00406_36031_5539.N1	20-JAN-2009 05:08:17	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	36031	No
92	GOM_NL__2PRFIN20090120_051236_000000442075_00406_36031_5540.N1	20-JAN-2009 05:12:36	Dark	43.500	29	Bet Car	1.6720	10200.	87	36031	No
93	GOM_NL__2PRFIN20090120_051440_000000402075_00406_36031_5541.N1	20-JAN-2009 05:14:40	Dark	39.500	71	lot Car	2.2460	7700.0	79	36031	No
94	GOM_NL__2PRFIN20090120_051630_000000402075_00406_36031_5542.N1	20-JAN-2009 05:16:30	Dark	40.000	46	Del Vel	1.9540	10600.	80	36031	No
95	GOM_NL__2PRFIN20090120_051910_000000452075_00406_36031_5543.N1	20-JAN-2009 05:19:10	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	36031	No
96	GOM_NL__2PRFIN20090120_052117_000000402075_00406_36031_5544.N1	20-JAN-2009 05:21:17	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	36031	No
97	GOM_NL__2PRFIN20090120_052251_000000442075_00406_36031_5545.N1	20-JAN-2009 05:22:51	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	36031	No
98	GOM_NL__2PRFIN20090120_052521_000000442075_00406_36031_5546.N1	20-JAN-2009 05:25:21	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	36031	No
99	GOM_NL__2PRFIN20090120_052645_000000392075_00406_36031_5547.N1	20-JAN-2009 05:26:45	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	36031	No
100	GOM_NL__2PRFIN20090120_052856_000000472075_00406_36031_5548.N1	20-JAN-2009 05:28:56	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	36031	No
101	GOM_NL__2PRFIN20090120_053519_000000492075_00406_36031_5549.N1	20-JAN-2009 05:35:19	Twl_and_stray	48.500	8	10Alp CMi	0.40000	6500.0	97	36031	No

102	GOM_NL__2PRFIN20090120_053823_000000452075_00406_36031_5550.N1	20-JAN-2009 05:38:23	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	36031	No
103	GOM_NL__2PRFIN20090120_054009_000000402075_00406_36031_5551.N1	20-JAN-2009 05:40:09	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	36031	No
104	GOM_NL__2PRFIN20090120_054329_000000342075_00406_36031_5552.N1	20-JAN-2009 05:43:29	Bright	34.000	24	66Alp Gem	1.5800	10200.	68	36031	No
105	GOM_NL__2PRFIN20090120_054629_000000372075_00406_36031_5553.N1	20-JAN-2009 05:46:29	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	36031	No
106	GOM_NL__2PRFIN20090120_055903_000000372075_00406_36031_5554.N1	20-JAN-2009 05:59:03	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	36031	No
107	GOM_NL__2PRFIN20090120_060248_000000382075_00406_36031_5555.N1	20-JAN-2009 06:02:48	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	36031	No
108	GOM_NL__2PRFIN20090120_060715_000000392075_00406_36031_5556.N1	20-JAN-2009 06:07:15	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36031	No
109	GOM_NL__2PRFIN20090120_060959_000000532075_00406_36031_5557.N1	20-JAN-2009 06:09:59	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	36031	No
110	GOM_NL__2PRFIN20090120_061621_000000412075_00406_36031_5558.N1	20-JAN-2009 06:16:21	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	36031	No
111	GOM_NL__2PRFIN20090120_061934_000000572075_00406_36031_5559.N1	20-JAN-2009 06:19:34	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	36031	No
112	GOM_NL__2PRFIN20090120_062113_000000342075_00406_36031_5560.N1	20-JAN-2009 06:21:13	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	36031	No
113	GOM_NL__2PRFIN20090120_062320_000000342075_00406_36031_5561.N1	20-JAN-2009 06:23:20	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36031	No
114	GOM_NL__2PRFIN20090120_062730_000000592075_00406_36031_5562.N1	20-JAN-2009 06:27:30	Bright	59.000	120	1Del Oph	2.7340	3200.0	118	36031	No
115	GOM_NL__2PRFIN20090120_062926_000000352075_00406_36031_5563.N1	20-JAN-2009 06:29:26	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	36031	No
116	GOM_NL__2PRFIN20090120_063315_000000502075_00406_36031_5564.N1	20-JAN-2009 06:33:15	Twilight	49.500	16	21Alp Sco	1.0200	3000.0	99	36031	No
117	GOM_NL__2PRFIN20090120_063448_000000442075_00406_36031_5565.N1	20-JAN-2009 06:34:48	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	36031	No
118	GOM_NL__2PRFIN20090120_063841_000000402075_00406_36031_5566.N1	20-JAN-2009 06:38:41	Dark	39.500	131	Gam Lup	2.8000	26000.	79	36031	No
119	GOM_NL__2PRFIN20090120_064035_000000432075_00406_36031_5567.N1	20-JAN-2009 06:40:35	Dark	43.000	109	Bet Lup	2.6770	26000.	86	36031	No
120	GOM_NL__2PRFIN20090120_064424_000000532075_00407_36032_5552.N1	20-JAN-2009 06:44:24	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	36032	No
121	GOM_NL__2PRFIN20090120_064853_000000402075_00407_36032_5553.N1	20-JAN-2009 06:48:53	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	36032	No
122	GOM_NL__2PRFIN20090120_065312_000000452075_00407_36032_5554.N1	20-JAN-2009 06:53:12	Dark	44.500	29	Bet Car	1.6720	10200.	89	36032	No
123	GOM_NL__2PRFIN20090120_065517_000000442075_00407_36032_5555.N1	20-JAN-2009 06:55:17	Dark	43.500	71	lot Car	2.2460	7700.0	87	36032	No
124	GOM_NL__2PRFIN20090120_065946_000000462075_00407_36032_5556.N1	20-JAN-2009 06:59:46	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	36032	No
125	GOM_NL__2PRFIN20090120_070153_000000442075_00407_36032_5557.N1	20-JAN-2009 07:01:53	Straylight	43.500	70	Zet Pup	2.2460	39000.	87	36032	No
126	GOM_NL__2PRFIN20090120_070328_000000442075_00407_36032_5558.N1	20-JAN-2009 07:03:28	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	36032	No
127	GOM_NL__2PRFIN20090120_070557_000000432075_00407_36032_5559.N1	20-JAN-2009 07:05:57	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	36032	No
128	GOM_NL__2PRFIN20090120_070721_000000382075_00407_36032_5560.N1	20-JAN-2009 07:07:21	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	36032	No
129	GOM_NL__2PRFIN20090120_070932_000000442075_00407_36032_5561.N1	20-JAN-2009 07:09:32	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	36032	No
130	GOM_NL__2PRFIN20090120_071555_000000552075_00407_36032_5562.N1	20-JAN-2009 07:15:55	Tw_and_stray	54.500	8	10Alp CMi	0.40000	6500.0	109	36032	No
131	GOM_NL__2PRFIN20090120_071900_000000482075_00407_36032_5563.N1	20-JAN-2009 07:19:00	Bright	48.000	44	24Gam Gem	1.9280	11000.	96	36032	No
132	GOM_NL__2PRFIN20090120_072044_000000392075_00407_36032_5564.N1	20-JAN-2009 07:20:44	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	36032	No
133	GOM_NL__2PRFIN20090120_072405_000000412075_00407_36032_5565.N1	20-JAN-2009 07:24:05	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	36032	No
134	GOM_NL__2PRFIN20090120_072706_000000362075_00407_36032_5566.N1	20-JAN-2009 07:27:06	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	36032	No
135	GOM_NL__2PRFIN20090120_073939_000000332075_00407_36032_5567.N1	20-JAN-2009 07:39:39	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	36032	No
136	GOM_NL__2PRFIN20090120_074323_000000352075_00407_36032_5568.N1	20-JAN-2009 07:43:23	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	36032	No
137	GOM_NL__2PRFIN20090120_074751_000000392075_00407_36032_5569.N1	20-JAN-2009 07:47:51	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	36032	No
138	GOM_NL__2PRFIN20090120_075035_000000452075_00407_36032_5570.N1	20-JAN-2009 07:50:35	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	36032	No
139	GOM_NL__2PRFIN20090120_075657_000000362075_00407_36032_5571.N1	20-JAN-2009 07:56:57	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	36032	No
140	GOM_NL__2PRFIN20090120_080010_000000402075_00407_36032_5572.N1	20-JAN-2009 08:00:10	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	36032	No
141	GOM_NL__2PRFIN20090120_080149_000000352075_00407_36032_5573.N1	20-JAN-2009 08:01:49	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	36032	No
142	GOM_NL__2PRFIN20090120_080356_000000342075_00407_36032_5574.N1	20-JAN-2009 08:03:56	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36032	No
143	GOM_NL__2PRFIN20090120_080807_000000492075_00407_36032_5575.N1	20-JAN-2009 08:08:07	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	36032	No
144	GOM_NL__2PRFIN20090120_081002_000000362075_00407_36032_5576.N1	20-JAN-2009 08:10:02	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	36032	No
145	GOM_NL__2PRFIN20090120_081351_000000472075_00407_36032_5577.N1	20-JAN-2009 08:13:51	Twilight	46.500	16	21Alp Sco	1.0200	3000.0	93	36032	No
146	GOM_NL__2PRFIN20090120_081524_000000422075_00407_36032_5578.N1	20-JAN-2009 08:15:24	Twilight	41.500	75	26Eps Sco	2.2910	4250.0	83	36032	No
147	GOM_NL__2PRFIN20090120_081917_000000402075_00407_36032_5579.N1	20-JAN-2009 08:19:17	Dark	40.000	131	Gam Lup	2.8000	26000.	80	36032	No
148	GOM_NL__2PRFIN20090120_082112_000000422075_00407_36032_5580.N1	20-JAN-2009 08:21:12	Dark	41.500	109	Bet Lup	2.6770	26000.	83	36032	No
149	GOM_NL__2PRFIN20090120_082242_000000402075_00407_36032_5581.N1	20-JAN-2009 08:22:42	Dark	39.500	78	Alp Lup	2.3040	28000.	79	36032	No
150	GOM_NL__2PRFIN20090120_082500_000000422075_00408_36033_5560.N1	20-JAN-2009 08:25:00	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	36033	No
151	GOM_NL__2PRFIN20090120_082930_000000472075_00408_36033_5561.N1	20-JAN-2009 08:29:30	Dark	47.000	12	Alp1Cru	0.77500	30000.	94	36033	No
152	GOM_NL__2PRFIN20090120_083349_000000372075_00408_36033_5562.N1	20-JAN-2009 08:33:49	Dark	37.000	29	Bet Car	1.6720	10200.	74	36033	No
153	GOM_NL__2PRFIN20090120_083553_000000392075_00408_36033_5563.N1	20-JAN-2009 08:35:53	Dark	38.500	71	lot Car	2.2460	7700.0	77	36033	No
154	GOM_NL__2PRFIN20090120_084022_000000452075_00408_36033_5564.N1	20-JAN-2009 08:40:22	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	36033	No
155	GOM_NL__2PRFIN20090120_084230_000000402075_00408_36033_5565.N1	20-JAN-2009 08:42:30	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	36033	No
156	GOM_NL__2PRFIN20090120_084404_000000402075_00408_36033_5566.N1	20-JAN-2009 08:44:04	Straylight	40.000	117	Pi Pup	2.7060	3800.0	80	36033	No
157	GOM_NL__2PRFIN20090120_084634_000000422075_00408_36033_5567.N1	20-JAN-2009 08:46:34	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	36033	No
158	GOM_NL__2PRFIN20090120_084757_000000372075_00408_36033_5568.N1	20-JAN-2009 08:47:57	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	36033	No
159	GOM_NL__2PRFIN20090120_085009_000000462075_00408_36033_5569.N1	20-JAN-2009 08:50:09	Straylight	46.000	1	9Alp CMa	-1.4400	11000.	92	36033	No
160	GOM_NL__2PRFIN20090120_085631_000000502075_00408_36033_5570.N1	20-JAN-2009 08:56:31	Tw_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	36033	No

161	GOM_NL__2PRFIN20090120_085936_000000442075_00408_36033_5571.N1	20-JAN-2009 08:59:36	Bright	44.000	44	24Gam Gem	1.9280	11000.	88	36033	No
162	GOM_NL__2PRFIN20090120_090121_000000402075_00408_36033_5572.N1	20-JAN-2009 09:01:21	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	36033	No
163	GOM_NL__2PRFIN20090120_090442_000000402075_00408_36033_5573.N1	20-JAN-2009 09:04:42	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	36033	No
164	GOM_NL__2PRFIN20090120_090742_000000362075_00408_36033_5574.N1	20-JAN-2009 09:07:42	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	36033	No
165	GOM_NL__2PRFIN20090120_092015_000000342075_00408_36033_5575.N1	20-JAN-2009 09:20:15	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	36033	No
166	GOM_NL__2PRFIN20090120_092359_000000392075_00408_36033_5576.N1	20-JAN-2009 09:23:59	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	36033	No
167	GOM_NL__2PRFIN20090120_092826_000000392075_00408_36033_5577.N1	20-JAN-2009 09:28:26	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36033	No
168	GOM_NL__2PRFIN20090120_093112_000000402075_00408_36033_5578.N1	20-JAN-2009 09:31:12	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	36033	No
169	GOM_NL__2PRFIN20090120_093733_000000372075_00408_36033_5579.N1	20-JAN-2009 09:37:33	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	36033	No
170	GOM_NL__2PRFIN20090120_094046_000000512075_00408_36033_5580.N1	20-JAN-2009 09:40:46	Bright	51.000	127	27Bet Her	2.7810	4700.0	102	36033	No
171	GOM_NL__2PRFIN20090120_094226_000000352075_00408_36033_5581.N1	20-JAN-2009 09:42:26	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	36033	No
172	GOM_NL__2PRFIN20090120_094432_000000342075_00408_36033_5582.N1	20-JAN-2009 09:44:32	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	36033	No
173	GOM_NL__2PRFIN20090120_094843_000000492075_00408_36033_5583.N1	20-JAN-2009 09:48:43	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	36033	No
174	GOM_NL__2PRFIN20090120_095038_000000522075_00408_36033_5584.N1	20-JAN-2009 09:50:38	Bright	52.000	86	35Eta Oph	2.4300	10200.	104	36033	No
175	GOM_NL__2PRFIN20090120_095428_000000502075_00408_36033_5585.N1	20-JAN-2009 09:54:28	Twilight	49.500	16	21Alp Sco	1.0200	3000.0	99	36033	No
176	GOM_NL__2PRFIN20090120_095600_000000442075_00408_36033_5586.N1	20-JAN-2009 09:56:00	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	36033	No
177	GOM_NL__2PRFIN20090120_095954_000000422075_00408_36033_5587.N1	20-JAN-2009 09:59:54	Dark	41.500	131	Gam Lup	2.8000	26000.	83	36033	No
178	GOM_NL__2PRFIN20090120_100149_000000422075_00408_36033_5588.N1	20-JAN-2009 10:01:49	Dark	42.000	109	Bet Lup	2.6770	26000.	84	36033	No
179	GOM_NL__2PRFIN20090120_100319_000000412075_00408_36033_5589.N1	20-JAN-2009 10:03:19	Dark	41.000	78	Alp Lup	2.3040	28000.	82	36033	No
180	GOM_NL__2PRFIN20090120_100536_000000412075_00409_36034_5573.N1	20-JAN-2009 10:05:36	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	36034	No
181	GOM_NL__2PRFIN20090120_101007_000000402075_00409_36034_5574.N1	20-JAN-2009 10:10:07	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	36034	No
182	GOM_NL__2PRFIN20090120_101425_000000372075_00409_36034_5575.N1	20-JAN-2009 10:14:25	Dark	37.000	29	Bet Car	1.6720	10200.	74	36034	No
183	GOM_NL__2PRFIN20090120_101630_000000402075_00409_36034_5576.N1	20-JAN-2009 10:16:30	Dark	39.500	71	lot Car	2.2460	7700.0	79	36034	No
184	GOM_NL__2PRFIN20090120_102059_000000392075_00409_36034_5577.N1	20-JAN-2009 10:20:59	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	36034	No
185	GOM_NL__2PRFIN20090120_102306_000000402075_00409_36034_5578.N1	20-JAN-2009 10:23:06	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	36034	No
186	GOM_NL__2PRFIN20090120_102440_000000402075_00409_36034_5579.N1	20-JAN-2009 10:24:40	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	36034	No
187	GOM_NL__2PRFIN20090120_102710_000000412075_00409_36034_5580.N1	20-JAN-2009 10:27:10	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	36034	No
188	GOM_NL__2PRFIN20090120_102834_000000402075_00409_36034_5581.N1	20-JAN-2009 10:28:34	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	36034	No
189	GOM_NL__2PRFIN20090120_103045_000000422075_00409_36034_5582.N1	20-JAN-2009 10:30:45	Straylight	42.000	1	9Alp CMa	-1.4400	11000.	84	36034	No
190	GOM_NL__2PRFIN20090120_103707_000000482075_00409_36034_5583.N1	20-JAN-2009 10:37:07	Tw_ and_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	36034	No
191	GOM_NL__2PRFIN20090120_104012_000000472075_00409_36034_5584.N1	20-JAN-2009 10:40:12	Bright	46.500	44	24Gam Gem	1.9280	11000.	93	36034	No
192	GOM_NL__2PRFIN20090120_104157_000000402075_00409_36034_5585.N1	20-JAN-2009 10:41:57	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	36034	No
193	GOM_NL__2PRFIN20090120_104517_000000402075_00409_36034_5586.N1	20-JAN-2009 10:45:17	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	36034	No
194	GOM_NL__2PRFIN20090120_104818_000000362075_00409_36034_5587.N1	20-JAN-2009 10:48:18	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	36034	No
195	GOM_NL__2PRFIN20090120_110050_000000342075_00409_36034_5588.N1	20-JAN-2009 11:00:50	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	36034	No
196	GOM_NL__2PRFIN20090120_110435_000000412075_00409_36034_5589.N1	20-JAN-2009 11:04:35	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	36034	No
197	GOM_NL__2PRFIN20090120_110902_000000402075_00409_36034_5590.N1	20-JAN-2009 11:09:02	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	36034	No
198	GOM_NL__2PRFIN20090120_111147_000000432075_00409_36034_5591.N1	20-JAN-2009 11:11:47	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	36034	No
199	GOM_NL__2PRFIN20090120_111809_000000382075_00409_36034_5592.N1	20-JAN-2009 11:18:09	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	36034	No
200	GOM_NL__2PRFIN20090120_112123_000000392075_00409_36034_5593.N1	20-JAN-2009 11:21:23	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	36034	No
201	GOM_NL__2PRFIN20090120_112302_000000522075_00409_36034_5594.N1	20-JAN-2009 11:23:02	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36034	No
202	GOM_NL__2PRFIN20090120_112509_000000342075_00409_36034_5595.N1	20-JAN-2009 11:25:09	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36034	No
203	GOM_NL__2PRFIN20090120_112919_000000472075_00409_36034_5596.N1	20-JAN-2009 11:29:19	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	36034	No
204	GOM_NL__2PRFIN20090120_113114_000000352075_00409_36034_5597.N1	20-JAN-2009 11:31:14	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	36034	No
205	GOM_NL__2PRFIN20090120_113504_000000552075_00409_36034_5598.N1	20-JAN-2009 11:35:04	Twilight	55.000	16	21Alp Sco	1.0200	3000.0	110	36034	No
206	GOM_NL__2PRFIN20090120_113636_000000422075_00409_36034_5599.N1	20-JAN-2009 11:36:36	Twilight	41.500	75	26Eps Sco	2.2910	4250.0	83	36034	No
207	GOM_NL__2PRFIN20090120_114031_000000402075_00409_36034_5600.N1	20-JAN-2009 11:40:31	Dark	40.000	131	Gam Lup	2.8000	26000.	80	36034	No
208	GOM_NL__2PRFIN20090120_114226_000000412075_00409_36034_5601.N1	20-JAN-2009 11:42:26	Dark	41.000	109	Bet Lup	2.6770	26000.	82	36034	No
209	GOM_NL__2PRFIN20090120_114355_000000412075_00409_36034_5602.N1	20-JAN-2009 11:43:55	Dark	40.500	78	Alp Lup	2.3040	28000.	81	36034	No
210	GOM_NL__2PRFIN20090120_114613_000000442075_00410_36035_5605.N1	20-JAN-2009 11:46:13	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	36035	No
211	GOM_NL__2PRFIN20090120_115043_000000442075_00410_36035_5606.N1	20-JAN-2009 11:50:43	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	36035	No
212	GOM_NL__2PRFIN20090120_115501_000000382075_00410_36035_5607.N1	20-JAN-2009 11:55:01	Dark	38.000	29	Bet Car	1.6720	10200.	76	36035	No
213	GOM_NL__2PRFIN20090120_115706_000000392075_00410_36035_5608.N1	20-JAN-2009 11:57:06	Dark	39.000	71	lot Car	2.2460	7700.0	78	36035	No
214	GOM_NL__2PRFIN20090120_120135_000000382075_00410_36035_5609.N1	20-JAN-2009 12:01:35	Dark	38.000	34	Gam2Vel	1.7930	23000.	76	36035	No
215	GOM_NL__2PRFIN20090120_120343_000000382075_00410_36035_5610.N1	20-JAN-2009 12:03:43	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	36035	No
216	GOM_NL__2PRFIN20090120_120516_000000432075_00410_36035_5611.N1	20-JAN-2009 12:05:16	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	36035	No
217	GOM_NL__2PRFIN20090120_120746_000000422075_00410_36035_5612.N1	20-JAN-2009 12:07:46	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	36035	No
218	GOM_NL__2PRFIN20090120_120910_000000382075_00410_36035_5613.N1	20-JAN-2009 12:09:10	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	36035	No
219	GOM_NL__2PRFIN20090120_121121_000000452075_00410_36035_5614.N1	20-JAN-2009 12:11:21	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	36035	No

220	GOM_NL__2PRFIN20090120_121742_000000572075_00410_36035_5615.N1	20-JAN-2009 12:17:42	Twilight	57.000	8	10Alp Cmi	0.40000	6500.0	114	36035	No
221	GOM_NL__2PRFIN20090120_122047_000000422075_00410_36035_5616.N1	20-JAN-2009 12:20:47	Bright	42.000	44	24Gam Gem	1.9280	11000.	84	36035	No
222	GOM_NL__2PRFIN20090120_122232_000000412075_00410_36035_5617.N1	20-JAN-2009 12:22:32	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	36035	No
223	GOM_NL__2PRFIN20090120_122552_000000412075_00410_36035_5618.N1	20-JAN-2009 12:25:52	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	36035	No
224	GOM_NL__2PRFIN20090120_122853_000000352075_00410_36035_5619.N1	20-JAN-2009 12:28:53	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	36035	No
225	GOM_NL__2PRFIN20090120_124127_000000352075_00410_36035_5620.N1	20-JAN-2009 12:41:27	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	36035	No
226	GOM_NL__2PRFIN20090120_124511_000000362075_00410_36035_5621.N1	20-JAN-2009 12:45:11	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	36035	No
227	GOM_NL__2PRFIN20090120_124938_000000422075_00410_36035_5622.N1	20-JAN-2009 12:49:38	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	36035	No
228	GOM_NL__2PRFIN20090120_125223_000000372075_00410_36035_5623.N1	20-JAN-2009 12:52:23	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	36035	No
229	GOM_NL__2PRFIN20090120_125845_000000402075_00410_36035_5624.N1	20-JAN-2009 12:58:45	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	36035	No
230	GOM_NL__2PRFIN20090120_130159_000000572075_00410_36035_5625.N1	20-JAN-2009 13:01:59	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	36035	No
231	GOM_NL__2PRFIN20090120_130338_000000342075_00410_36035_5626.N1	20-JAN-2009 13:03:38	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	36035	No
232	GOM_NL__2PRFIN20090120_130545_000000342075_00410_36035_5627.N1	20-JAN-2009 13:05:45	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36035	No
233	GOM_NL__2PRFIN20090120_130955_000000492075_00410_36035_5628.N1	20-JAN-2009 13:09:55	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	36035	No
234	GOM_NL__2PRFIN20090120_131151_000000522075_00410_36035_5629.N1	20-JAN-2009 13:11:51	Bright	52.000	86	35Eta Oph	2.4300	10200.	104	36035	No
235	GOM_NL__2PRFIN20090120_131540_000000482075_00410_36035_5630.N1	20-JAN-2009 13:15:40	Twilight	47.500	16	21Alp Sco	1.0200	3000.0	95	36035	No
236	GOM_NL__2PRFIN20090120_131713_000000432075_00410_36035_5631.N1	20-JAN-2009 13:17:13	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	36035	No
237	GOM_NL__2PRFIN20090120_132107_000000402075_00410_36035_5632.N1	20-JAN-2009 13:21:07	Dark	39.500	131	Gam Lup	2.8000	26000.	79	36035	No
238	GOM_NL__2PRFIN20090120_132301_000000422075_00410_36035_5633.N1	20-JAN-2009 13:23:01	Dark	41.500	109	Bet Lup	2.6770	26000.	83	36035	No
239	GOM_NL__2PRFIN20090120_132431_000000462075_00410_36035_5634.N1	20-JAN-2009 13:24:31	Dark	45.500	78	Alp Lup	2.3040	28000.	91	36035	No
240	GOM_NL__2PRFIN20090120_132649_000000402075_00411_36036_5650.N1	20-JAN-2009 13:26:49	Dark	40.000	4	Alp1Cen	-0.010000	5800.0	80	36036	No
241	GOM_NL__2PRFIN20090120_133119_000000432075_00411_36036_5651.N1	20-JAN-2009 13:31:19	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	36036	No
242	GOM_NL__2PRFIN20090120_133537_000000382075_00411_36036_5652.N1	20-JAN-2009 13:35:37	Dark	38.000	29	Bet Car	1.6720	10200.	76	36036	No
243	GOM_NL__2PRFIN20090120_133742_000000392075_00411_36036_5653.N1	20-JAN-2009 13:37:42	Dark	38.500	71	lot Car	2.2460	7700.0	77	36036	No
244	GOM_NL__2PRFIN20090120_134211_000000422075_00411_36036_5654.N1	20-JAN-2009 13:42:11	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	36036	No
245	GOM_NL__2PRFIN20090120_134419_000000382075_00411_36036_5655.N1	20-JAN-2009 13:44:19	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	36036	No
246	GOM_NL__2PRFIN20090120_134552_000000442075_00411_36036_5656.N1	20-JAN-2009 13:45:52	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	36036	No
247	GOM_NL__2PRFIN20090120_134822_000000422075_00411_36036_5657.N1	20-JAN-2009 13:48:22	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	36036	No
248	GOM_NL__2PRFIN20090120_134946_000000382075_00411_36036_5658.N1	20-JAN-2009 13:49:46	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	36036	No
249	GOM_NL__2PRFIN20090120_135157_000000432075_00411_36036_5659.N1	20-JAN-2009 13:51:57	Straylight	43.000	1	9Alp CMa	-1.4400	11000.	86	36036	No
250	GOM_NL__2PRFIN20090120_135818_000000522075_00411_36036_5660.N1	20-JAN-2009 13:58:18	Twilight	52.000	8	10Alp Cmi	0.40000	6500.0	104	36036	No
251	GOM_NL__2PRFIN20090120_140123_000000492075_00411_36036_5661.N1	20-JAN-2009 14:01:23	Bright	49.000	44	24Gam Gem	1.9280	11000.	98	36036	No
252	GOM_NL__2PRFIN20090120_140308_000000402075_00411_36036_5662.N1	20-JAN-2009 14:03:08	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	36036	No
253	GOM_NL__2PRFIN20090120_140627_000000422075_00411_36036_5663.N1	20-JAN-2009 14:06:27	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	36036	No
254	GOM_NL__2PRFIN20090120_140929_000000352075_00411_36036_5664.N1	20-JAN-2009 14:09:29	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	36036	No
255	GOM_NL__2PRFIN20090120_142203_000000332075_00411_36036_5665.N1	20-JAN-2009 14:22:03	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	36036	No
256	GOM_NL__2PRFIN20090120_142546_000000402075_00411_36036_5666.N1	20-JAN-2009 14:25:46	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	36036	No
257	GOM_NL__2PRFIN20090120_143014_000000392075_00411_36036_5667.N1	20-JAN-2009 14:30:14	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	36036	No
258	GOM_NL__2PRFIN20090120_143259_000000392075_00411_36036_5668.N1	20-JAN-2009 14:32:59	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	36036	No
259	GOM_NL__2PRFIN20090120_143921_000000392075_00411_36036_5669.N1	20-JAN-2009 14:39:21	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	36036	No
260	GOM_NL__2PRFIN20090120_144235_000000432075_00411_36036_5670.N1	20-JAN-2009 14:42:35	Bright	42.500	127	27Bet Her	2.7810	4700.0	85	36036	No
261	GOM_NL__2PRFIN20090120_144414_000000352075_00411_36036_5671.N1	20-JAN-2009 14:44:14	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	36036	No
262	GOM_NL__2PRFIN20090120_144621_000000342075_00411_36036_5672.N1	20-JAN-2009 14:46:21	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	36036	No
263	GOM_NL__2PRFIN20090120_145032_000000472075_00411_36036_5673.N1	20-JAN-2009 14:50:32	Bright	46.500	120	1Del Oph	2.7340	3200.0	93	36036	No
264	GOM_NL__2PRFIN20090120_145227_000000372075_00411_36036_5674.N1	20-JAN-2009 14:52:27	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	36036	No
265	GOM_NL__2PRFIN20090120_145617_000000542075_00411_36036_5675.N1	20-JAN-2009 14:56:17	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	36036	No
266	GOM_NL__2PRFIN20090120_145749_000000432075_00411_36036_5676.N1	20-JAN-2009 14:57:49	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	36036	No
267	GOM_NL__2PRFIN20090120_150144_000000392075_00411_36036_5677.N1	20-JAN-2009 15:01:44	Dark	39.000	131	Gam Lup	2.8000	26000.	78	36036	No
268	GOM_NL__2PRFIN20090120_150338_000000412075_00411_36036_5678.N1	20-JAN-2009 15:03:38	Dark	41.000	109	Bet Lup	2.6770	26000.	82	36036	No
269	GOM_NL__2PRFIN20090120_150508_000000422075_00411_36036_5679.N1	20-JAN-2009 15:05:08	Dark	42.000	78	Alp Lup	2.3040	28000.	84	36036	No
270	GOM_NL__2PRFIN20090120_150726_000000422075_00412_36037_5697.N1	20-JAN-2009 15:07:26	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	36037	No
271	GOM_NL__2PRFIN20090120_151156_000000412075_00412_36037_5698.N1	20-JAN-2009 15:11:56	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	36037	No
272	GOM_NL__2PRFIN20090120_151613_000000372075_00412_36037_5699.N1	20-JAN-2009 15:16:13	Dark	37.000	29	Bet Car	1.6720	10200.	74	36037	No
273	GOM_NL__2PRFIN20090120_151818_000000432075_00412_36037_5700.N1	20-JAN-2009 15:18:18	Dark	43.000	71	lot Car	2.2460	7700.0	86	36037	No
274	GOM_NL__2PRFIN20090120_152247_000000432075_00412_36037_5701.N1	20-JAN-2009 15:22:47	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	36037	No
275	GOM_NL__2PRFIN20090120_152454_000000422075_00412_36037_5702.N1	20-JAN-2009 15:24:54	Straylight	42.000	70	Zet Pup	2.2460	39000.	84	36037	No
276	GOM_NL__2PRFIN20090120_152628_000000432075_00412_36037_5703.N1	20-JAN-2009 15:26:28	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	36037	No
277	GOM_NL__2PRFIN20090120_152858_000000412075_00412_36037_5704.N1	20-JAN-2009 15:28:58	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	36037	No
278	GOM_NL__2PRFIN20090120_153022_000000392075_00412_36037_5705.N1	20-JAN-2009 15:30:22	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	36037	No

279	GOM_NL__2PRFIN20090120_153233_000000432075_00412_36037_5706.N1	20-JAN-2009 15:32:33	Straylight	43.000	1	9Alp CMa	-1.4400	11000.	86	36037	No
280	GOM_NL__2PRFIN20090120_153854_000000552075_00412_36037_5707.N1	20-JAN-2009 15:38:54	Twl_and_stray	55.000	8	10Alp CMi	0.40000	6500.0	110	36037	No
281	GOM_NL__2PRFIN20090120_154159_000000442075_00412_36037_5708.N1	20-JAN-2009 15:41:59	Bright	43.500	44	24Gam Gem	1.9280	11000.	87	36037	No
282	GOM_NL__2PRFIN20090120_154344_000000412075_00412_36037_5709.N1	20-JAN-2009 15:43:44	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	36037	No
283	GOM_NL__2PRFIN20090120_154703_000000432075_00412_36037_5710.N1	20-JAN-2009 15:47:03	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	36037	No
284	GOM_NL__2PRFIN20090120_155005_000000372075_00412_36037_5711.N1	20-JAN-2009 15:50:05	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	36037	No
285	GOM_NL__2PRFIN20090120_160238_000000372075_00412_36037_5712.N1	20-JAN-2009 16:02:38	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	36037	No
286	GOM_NL__2PRFIN20090120_160622_000000412075_00412_36037_5713.N1	20-JAN-2009 16:06:22	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	36037	No
287	GOM_NL__2PRFIN20090120_161050_000000392075_00412_36037_5714.N1	20-JAN-2009 16:10:50	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36037	No
288	GOM_NL__2PRFIN20090120_161335_000000352075_00412_36037_5715.N1	20-JAN-2009 16:13:35	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	36037	No
289	GOM_NL__2PRFIN20090120_161957_000000412075_00412_36037_5716.N1	20-JAN-2009 16:19:57	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	36037	No
290	GOM_NL__2PRFIN20090120_162311_000000392075_00412_36037_5717.N1	20-JAN-2009 16:23:11	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	36037	No
291	GOM_NL__2PRFIN20090120_162450_000000342075_00412_36037_5718.N1	20-JAN-2009 16:24:50	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	36037	No
292	GOM_NL__2PRFIN20090120_162657_000000502075_00412_36037_5719.N1	20-JAN-2009 16:26:57	Bright	49.500	126	60Bet Oph	2.7700	4250.0	99	36037	No
293	GOM_NL__2PRFIN20090120_163108_000000482075_00412_36037_5720.N1	20-JAN-2009 16:31:08	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	36037	No
294	GOM_NL__2PRFIN20090120_163303_000000522075_00412_36037_5721.N1	20-JAN-2009 16:33:03	Bright	52.000	86	35Eta Oph	2.4300	10200.	104	36037	No
295	GOM_NL__2PRFIN20090120_163653_000000512075_00412_36037_5722.N1	20-JAN-2009 16:36:53	Twilight	50.500	16	21Alp Sco	1.0200	3000.0	101	36037	No
296	GOM_NL__2PRFIN20090120_163826_000000462075_00412_36037_5723.N1	20-JAN-2009 16:38:26	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	36037	No
297	GOM_NL__2PRFIN20090120_164220_000000392075_00412_36037_5724.N1	20-JAN-2009 16:42:20	Dark	39.000	131	Gam Lup	2.8000	26000.	78	36037	No
298	GOM_NL__2PRFIN20090120_164415_000000432075_00412_36037_5725.N1	20-JAN-2009 16:44:15	Dark	42.500	109	Bet Lup	2.6770	26000.	85	36037	No
299	GOM_NL__2PRFIN20090120_164544_000000422075_00412_36037_5726.N1	20-JAN-2009 16:45:44	Dark	42.000	78	Alp Lup	2.3040	28000.	84	36037	No
300	GOM_NL__2PRFIN20090120_164802_000000532075_00413_36038_5713.N1	20-JAN-2009 16:48:02	Dark	52.500	4	Alp1Cen	-0.010000	5800.0	105	36038	No
301	GOM_NL__2PRFIN20090120_165232_000000412075_00413_36038_5714.N1	20-JAN-2009 16:52:32	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	36038	No
302	GOM_NL__2PRFIN20090120_165650_000000382075_00413_36038_5715.N1	20-JAN-2009 16:56:50	Dark	37.500	29	Bet Car	1.6720	10200.	75	36038	No
303	GOM_NL__2PRFIN20090120_165854_000000382075_00413_36038_5716.N1	20-JAN-2009 16:58:54	Dark	38.000	71	lot Car	2.2460	7700.0	76	36038	No
304	GOM_NL__2PRFIN20090120_170324_000000412075_00413_36038_5717.N1	20-JAN-2009 17:03:24	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	36038	No
305	GOM_NL__2PRFIN20090120_170531_000000402075_00413_36038_5718.N1	20-JAN-2009 17:05:31	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	36038	No
306	GOM_NL__2PRFIN20090120_170705_000000452075_00413_36038_5719.N1	20-JAN-2009 17:07:05	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	36038	No
307	GOM_NL__2PRFIN20090120_170934_000000432075_00413_36038_5720.N1	20-JAN-2009 17:09:34	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	36038	No
308	GOM_NL__2PRFIN20090120_171058_000000382075_00413_36038_5721.N1	20-JAN-2009 17:10:58	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	36038	No
309	GOM_NL__2PRFIN20090120_171309_000000432075_00413_36038_5722.N1	20-JAN-2009 17:13:09	Straylight	43.000	1	9Alp CMa	-1.4400	11000.	86	36038	No
310	GOM_NL__2PRFIN20090120_171930_000000512075_00413_36038_5723.N1	20-JAN-2009 17:19:30	Twl_and_stray	51.000	8	10Alp CMi	0.40000	6500.0	102	36038	No
311	GOM_NL__2PRFIN20090120_172235_000000472075_00413_36038_5724.N1	20-JAN-2009 17:22:35	Bright	46.500	44	24Gam Gem	1.9280	11000.	93	36038	No
312	GOM_NL__2PRFIN20090120_172420_000000402075_00413_36038_5725.N1	20-JAN-2009 17:24:20	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	36038	No
313	GOM_NL__2PRFIN20090120_172739_000000402075_00413_36038_5726.N1	20-JAN-2009 17:27:39	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	36038	No
314	GOM_NL__2PRFIN20090120_173041_000000362075_00413_36038_5727.N1	20-JAN-2009 17:30:41	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	36038	No
315	GOM_NL__2PRFIN20090120_174315_000000362075_00413_36038_5728.N1	20-JAN-2009 17:43:15	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	36038	No
316	GOM_NL__2PRFIN20090120_174657_000000402075_00413_36038_5729.N1	20-JAN-2009 17:46:57	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	36038	No
317	GOM_NL__2PRFIN20090120_175125_000000382075_00413_36038_5730.N1	20-JAN-2009 17:51:25	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	36038	No
318	GOM_NL__2PRFIN20090120_175411_000000392075_00413_36038_5731.N1	20-JAN-2009 17:54:11	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	36038	No
319	GOM_NL__2PRFIN20090120_180033_000000372075_00413_36038_5732.N1	20-JAN-2009 18:00:33	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	36038	No
320	GOM_NL__2PRFIN20090120_180348_000000432075_00413_36038_5733.N1	20-JAN-2009 18:03:48	Bright	42.500	127	27Bet Her	2.7810	4700.0	85	36038	No
321	GOM_NL__2PRFIN20090120_180526_000000522075_00413_36038_5734.N1	20-JAN-2009 18:05:26	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36038	No
322	GOM_NL__2PRFIN20090120_180733_000000362075_00413_36038_5735.N1	20-JAN-2009 18:07:33	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	36038	No
323	GOM_NL__2PRFIN20090120_181145_000000482075_00413_36038_5736.N1	20-JAN-2009 18:11:45	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	36038	No
324	GOM_NL__2PRFIN20090120_181340_000000522075_00413_36038_5737.N1	20-JAN-2009 18:13:40	Bright	52.000	86	35Eta Oph	2.4300	10200.	104	36038	No
325	GOM_NL__2PRFIN20090120_181729_000000442075_00413_36038_5738.N1	20-JAN-2009 18:17:29	Twilight	44.000	16	21Alp Sco	1.0200	3000.0	88	36038	No
326	GOM_NL__2PRFIN20090120_181902_000000412075_00413_36038_5739.N1	20-JAN-2009 18:19:02	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	36038	No
327	GOM_NL__2PRFIN20090120_182257_000000392075_00413_36038_5740.N1	20-JAN-2009 18:22:57	Dark	39.000	131	Gam Lup	2.8000	26000.	78	36038	No
328	GOM_NL__2PRFIN20090120_182452_000000432075_00413_36038_5741.N1	20-JAN-2009 18:24:52	Dark	43.000	109	Bet Lup	2.6770	26000.	86	36038	No
329	GOM_NL__2PRFIN20090120_182621_000000412075_00413_36038_5742.N1	20-JAN-2009 18:26:21	Dark	41.000	78	Alp Lup	2.3040	28000.	82	36038	No
330	GOM_NL__2PRFIN20090120_182838_000000482075_00414_36039_5735.N1	20-JAN-2009 18:28:38	Dark	48.000	4	Alp1Cen	-0.010000	5800.0	96	36039	No
331	GOM_NL__2PRFIN20090120_183309_000000422075_00414_36039_5736.N1	20-JAN-2009 18:33:09	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	36039	No
332	GOM_NL__2PRFIN20090120_183726_000000362075_00414_36039_5737.N1	20-JAN-2009 18:37:26	Dark	35.500	29	Bet Car	1.6720	10200.	71	36039	No
333	GOM_NL__2PRFIN20090120_183931_000000402075_00414_36039_5738.N1	20-JAN-2009 18:39:31	Dark	40.000	71	lot Car	2.2460	7700.0	80	36039	No
334	GOM_NL__2PRFIN20090120_184400_000000402075_00414_36039_5739.N1	20-JAN-2009 18:44:00	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	36039	No
335	GOM_NL__2PRFIN20090120_184608_000000402075_00414_36039_5740.N1	20-JAN-2009 18:46:08	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	36039	No
336	GOM_NL__2PRFIN20090120_184741_000000432075_00414_36039_5741.N1	20-JAN-2009 18:47:41	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	36039	No
337	GOM_NL__2PRFIN20090120_185010_000000422075_00414_36039_5742.N1	20-JAN-2009 18:50:10	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	36039	No

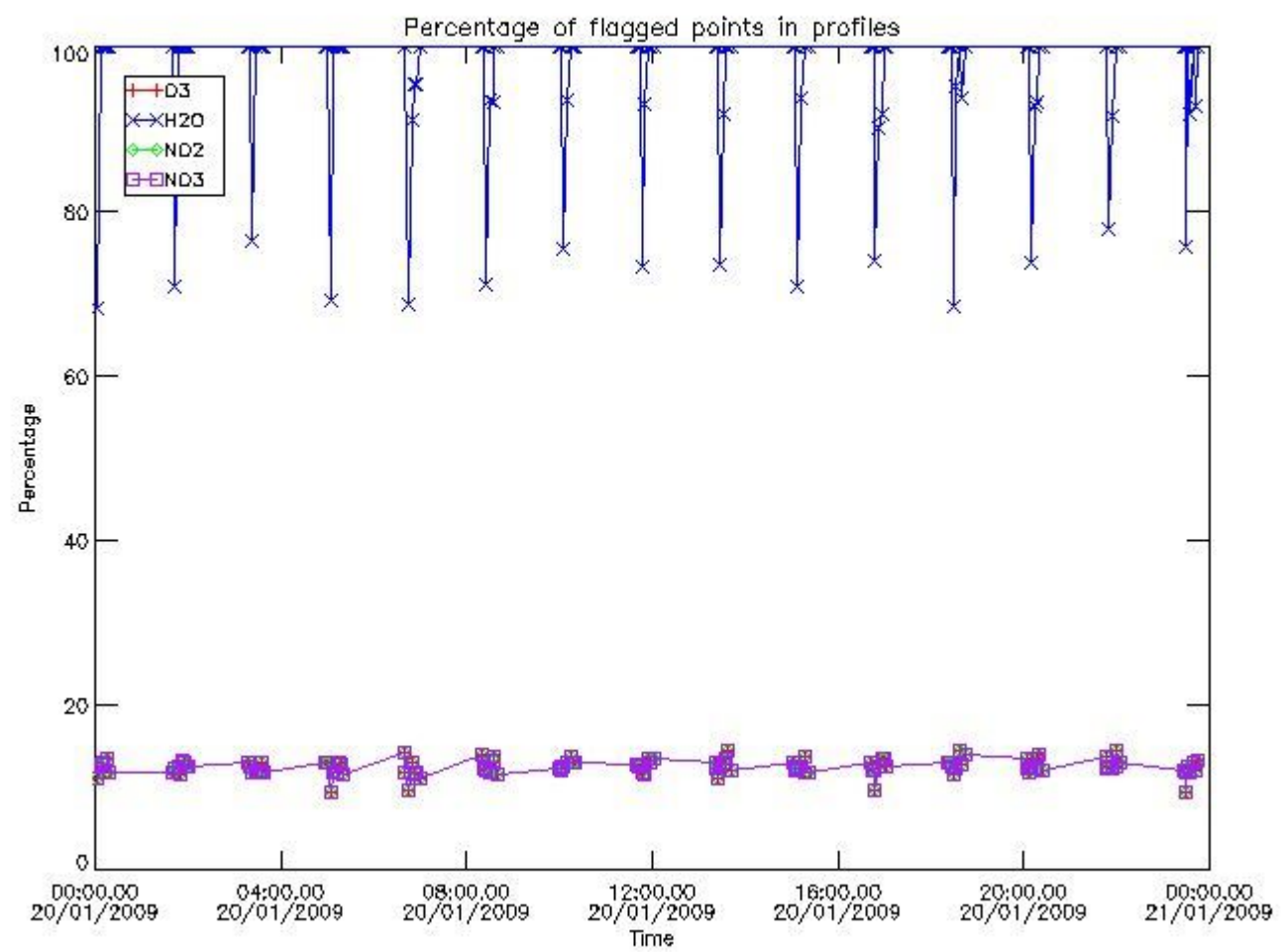
338	GOM_NL__2PRFIN20090120_185134_000000372075_00414_36039_5743.N1	20-JAN-2009 18:51:34	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	36039	No
339	GOM_NL__2PRFIN20090120_185346_000000442075_00414_36039_5744.N1	20-JAN-2009 18:53:46	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	36039	No
340	GOM_NL__2PRFIN20090120_190006_000000522075_00414_36039_5745.N1	20-JAN-2009 19:00:06	Tw_i_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	36039	No
341	GOM_NL__2PRFIN20090120_190312_000000502075_00414_36039_5746.N1	20-JAN-2009 19:03:12	Bright	49.500	44	24Gam Gem	1.9280	11000.	99	36039	No
342	GOM_NL__2PRFIN20090120_190456_000000392075_00414_36039_5747.N1	20-JAN-2009 19:04:56	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	36039	No
343	GOM_NL__2PRFIN20090120_190814_000000432075_00414_36039_5748.N1	20-JAN-2009 19:08:14	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	36039	No
344	GOM_NL__2PRFIN20090120_191117_000000362075_00414_36039_5749.N1	20-JAN-2009 19:11:17	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	36039	No
345	GOM_NL__2PRFIN20090120_192350_000000372075_00414_36039_5750.N1	20-JAN-2009 19:23:50	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	36039	No
346	GOM_NL__2PRFIN20090120_192733_000000352075_00414_36039_5751.N1	20-JAN-2009 19:27:33	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	36039	No
347	GOM_NL__2PRFIN20090120_193201_000000392075_00414_36039_5752.N1	20-JAN-2009 19:32:01	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36039	No
348	GOM_NL__2PRFIN20090120_193447_000000402075_00414_36039_5753.N1	20-JAN-2009 19:34:47	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	36039	No
349	GOM_NL__2PRFIN20090120_194109_000000402075_00414_36039_5754.N1	20-JAN-2009 19:41:09	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	36039	No
350	GOM_NL__2PRFIN20090120_194423_000000392075_00414_36039_5755.N1	20-JAN-2009 19:44:23	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	36039	No
351	GOM_NL__2PRFIN20090120_194602_000000522075_00414_36039_5756.N1	20-JAN-2009 19:46:02	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36039	No
352	GOM_NL__2PRFIN20090120_194809_000000342075_00414_36039_5757.N1	20-JAN-2009 19:48:09	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	36039	No
353	GOM_NL__2PRFIN20090120_195221_000000492075_00414_36039_5758.N1	20-JAN-2009 19:52:21	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	36039	No
354	GOM_NL__2PRFIN20090120_195415_000000352075_00414_36039_5759.N1	20-JAN-2009 19:54:15	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	36039	No
355	GOM_NL__2PRFIN20090120_195806_000000492075_00414_36039_5760.N1	20-JAN-2009 19:58:06	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	36039	No
356	GOM_NL__2PRFIN20090120_195938_000000492075_00414_36039_5761.N1	20-JAN-2009 19:59:38	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	36039	No
357	GOM_NL__2PRFIN20090120_200334_000000382075_00414_36039_5762.N1	20-JAN-2009 20:03:34	Dark	38.000	131	Gam Lup	2.8000	26000.	76	36039	No
358	GOM_NL__2PRFIN20090120_200528_000000422075_00414_36039_5763.N1	20-JAN-2009 20:05:28	Dark	41.500	109	Bet Lup	2.6770	26000.	83	36039	No
359	GOM_NL__2PRFIN20090120_200658_000000432075_00414_36039_5764.N1	20-JAN-2009 20:06:58	Dark	43.000	78	Alp Lup	2.3040	28000.	86	36039	No
360	GOM_NL__2PRFIN20090120_200915_000000412075_00415_36040_5747.N1	20-JAN-2009 20:09:15	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	36040	No
361	GOM_NL__2PRFIN20090120_201346_000000422075_00415_36040_5748.N1	20-JAN-2009 20:13:46	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	36040	No
362	GOM_NL__2PRFIN20090120_201802_000000382075_00415_36040_5749.N1	20-JAN-2009 20:18:02	Dark	37.500	29	Bet Car	1.6720	10200.	75	36040	No
363	GOM_NL__2PRFIN20090120_202007_000000402075_00415_36040_5750.N1	20-JAN-2009 20:20:07	Dark	40.000	71	lot Car	2.2460	7700.0	80	36040	No
364	GOM_NL__2PRFIN20090120_202436_000000432075_00415_36040_5751.N1	20-JAN-2009 20:24:36	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	36040	No
365	GOM_NL__2PRFIN20090120_202643_000000402075_00415_36040_5752.N1	20-JAN-2009 20:26:43	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	36040	No
366	GOM_NL__2PRFIN20090120_202816_000000382075_00415_36040_5753.N1	20-JAN-2009 20:28:16	Straylight	38.000	117	Pi Pup	2.7060	3800.0	76	36040	No
367	GOM_NL__2PRFIN20090120_203047_000000422075_00415_36040_5754.N1	20-JAN-2009 20:30:47	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	36040	No
368	GOM_NL__2PRFIN20090120_203210_000000372075_00415_36040_5755.N1	20-JAN-2009 20:32:10	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	36040	No
369	GOM_NL__2PRFIN20090120_203421_000000442075_00415_36040_5756.N1	20-JAN-2009 20:34:21	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	36040	No
370	GOM_NL__2PRFIN20090120_204041_000000502075_00415_36040_5757.N1	20-JAN-2009 20:40:41	Tw_i_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	36040	No
371	GOM_NL__2PRFIN20090120_204347_000000492075_00415_36040_5758.N1	20-JAN-2009 20:43:47	Bright	48.500	44	24Gam Gem	1.9280	11000.	97	36040	No
372	GOM_NL__2PRFIN20090120_204532_000000402075_00415_36040_5759.N1	20-JAN-2009 20:45:32	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	36040	No
373	GOM_NL__2PRFIN20090120_204850_000000432075_00415_36040_5760.N1	20-JAN-2009 20:48:50	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	36040	No
374	GOM_NL__2PRFIN20090120_205153_000000372075_00415_36040_5761.N1	20-JAN-2009 20:51:53	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	36040	No
375	GOM_NL__2PRFIN20090120_210427_000000362075_00415_36040_5762.N1	20-JAN-2009 21:04:27	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	36040	No
376	GOM_NL__2PRFIN20090120_210809_000000352075_00415_36040_5763.N1	20-JAN-2009 21:08:09	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	36040	No
377	GOM_NL__2PRFIN20090120_211237_000000402075_00415_36040_5764.N1	20-JAN-2009 21:12:37	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	36040	No
378	GOM_NL__2PRFIN20090120_211523_000000382075_00415_36040_5765.N1	20-JAN-2009 21:15:23	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	36040	No
379	GOM_NL__2PRFIN20090120_212146_000000382075_00415_36040_5766.N1	20-JAN-2009 21:21:46	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	36040	No
380	GOM_NL__2PRFIN20090120_212500_000000402075_00415_36040_5767.N1	20-JAN-2009 21:25:00	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	36040	No
381	GOM_NL__2PRFIN20090120_212639_000000522075_00415_36040_5768.N1	20-JAN-2009 21:26:39	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36040	No
382	GOM_NL__2PRFIN20090120_212845_000000342075_00415_36040_5769.N1	20-JAN-2009 21:28:45	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36040	No
383	GOM_NL__2PRFIN20090120_213413_000000402075_00415_36040_5770.N1	20-JAN-2009 21:34:13	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	36040	No
384	GOM_NL__2PRFIN20090120_213843_000000532075_00415_36040_5771.N1	20-JAN-2009 21:38:43	Twilight	52.500	16	21Alp Sco	1.0200	3000.0	105	36040	No
385	GOM_NL__2PRFIN20090120_214015_000000412075_00415_36040_5772.N1	20-JAN-2009 21:40:15	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	36040	No
386	GOM_NL__2PRFIN20090120_214605_000000412075_00415_36040_5773.N1	20-JAN-2009 21:46:05	Dark	40.500	109	Bet Lup	2.6770	26000.	81	36040	No
387	GOM_NL__2PRFIN20090120_214734_000000422075_00415_36040_5774.N1	20-JAN-2009 21:47:34	Dark	41.500	78	Alp Lup	2.3040	28000.	83	36040	No
388	GOM_NL__2PRFIN20090120_214951_000000412075_00416_36041_5795.N1	20-JAN-2009 21:49:51	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	36041	No
389	GOM_NL__2PRFIN20090120_215421_000000422075_00416_36041_5796.N1	20-JAN-2009 21:54:21	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	36041	No
390	GOM_NL__2PRFIN20090120_215838_000000412075_00416_36041_5797.N1	20-JAN-2009 21:58:38	Dark	41.000	29	Bet Car	1.6720	10200.	82	36041	No
391	GOM_NL__2PRFIN20090120_220044_000000392075_00416_36041_5798.N1	20-JAN-2009 22:00:44	Dark	38.500	71	lot Car	2.2460	7700.0	77	36041	No
392	GOM_NL__2PRFIN20090120_220513_000000402075_00416_36041_5799.N1	20-JAN-2009 22:05:13	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	36041	No
393	GOM_NL__2PRFIN20090120_220720_000000402075_00416_36041_5800.N1	20-JAN-2009 22:07:20	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	36041	No
394	GOM_NL__2PRFIN20090120_220853_000000432075_00416_36041_5801.N1	20-JAN-2009 22:08:53	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	36041	No
395	GOM_NL__2PRFIN20090120_221123_000000432075_00416_36041_5802.N1	20-JAN-2009 22:11:23	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	36041	No
396	GOM_NL__2PRFIN20090120_221246_000000392075_00416_36041_5803.N1	20-JAN-2009 22:12:46	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	36041	No

397	GOM_NL__2PRFIN20090120_221457_000000462075_00416_36041_5804.N1	20-JAN-2009 22:14:57	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	36041	No
398	GOM_NL__2PRFIN20090120_222117_000000512075_00416_36041_5805.N1	20-JAN-2009 22:21:17	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	36041	No
399	GOM_NL__2PRFIN20090120_222424_000000452075_00416_36041_5806.N1	20-JAN-2009 22:24:24	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	36041	No
400	GOM_NL__2PRFIN20090120_222608_000000372075_00416_36041_5807.N1	20-JAN-2009 22:26:08	Bright	37.000	151	13Mu Gem	2.8900	3000.0	74	36041	No
401	GOM_NL__2PRFIN20090120_222925_000000432075_00416_36041_5808.N1	20-JAN-2009 22:29:25	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	36041	No
402	GOM_NL__2PRFIN20090120_223229_000000372075_00416_36041_5809.N1	20-JAN-2009 22:32:29	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	36041	No
403	GOM_NL__2PRFIN20090120_224502_000000362075_00416_36041_5810.N1	20-JAN-2009 22:45:02	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36041	No
404	GOM_NL__2PRFIN20090120_224844_000000382075_00416_36041_5811.N1	20-JAN-2009 22:48:44	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	36041	No
405	GOM_NL__2PRFIN20090120_225313_000000382075_00416_36041_5812.N1	20-JAN-2009 22:53:13	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	36041	No
406	GOM_NL__2PRFIN20090120_225559_000000382075_00416_36041_5813.N1	20-JAN-2009 22:55:59	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	36041	No
407	GOM_NL__2PRFIN20090120_230221_000000462075_00416_36041_5814.N1	20-JAN-2009 23:02:21	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	36041	No
408	GOM_NL__2PRFIN20090120_230536_000000582075_00416_36041_5815.N1	20-JAN-2009 23:05:36	Bright	58.000	127	27Bet Her	2.7810	4700.0	116	36041	No
409	GOM_NL__2PRFIN20090120_230715_000000352075_00416_36041_5816.N1	20-JAN-2009 23:07:15	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	36041	No
410	GOM_NL__2PRFIN20090120_230921_000000512075_00416_36041_5817.N1	20-JAN-2009 23:09:21	Bright	51.000	126	60Bet Oph	2.7700	4250.0	102	36041	No
411	GOM_NL__2PRFIN20090120_231450_000000392075_00416_36041_5818.N1	20-JAN-2009 23:14:50	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	36041	No
412	GOM_NL__2PRFIN20090120_231919_000000452075_00416_36041_5819.N1	20-JAN-2009 23:19:19	Twilight	45.000	16	21Alp Sco	1.0200	3000.0	90	36041	No
413	GOM_NL__2PRFIN20090120_232051_000000432075_00416_36041_5820.N1	20-JAN-2009 23:20:51	Twilight	42.500	75	26Eps Sco	2.2910	4250.0	85	36041	No
414	GOM_NL__2PRFIN20090120_232642_000000422075_00416_36041_5821.N1	20-JAN-2009 23:26:42	Dark	42.000	109	Bet Lup	2.6770	26000.	84	36041	No
415	GOM_NL__2PRFIN20090120_232811_000000442075_00416_36041_5822.N1	20-JAN-2009 23:28:11	Dark	43.500	78	Alp Lup	2.3040	28000.	87	36041	No
416	GOM_NL__2PRFIN20090120_233028_000000542075_00417_36042_5813.N1	20-JAN-2009 23:30:28	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	36042	No
417	GOM_NL__2PRFIN20090120_233145_000000412075_00417_36042_5814.N1	20-JAN-2009 23:31:45	Dark	40.500	77	Eps Cen	2.3030	28000.	81	36042	No
418	GOM_NL__2PRFIN20090120_233458_000000442075_00417_36042_5815.N1	20-JAN-2009 23:34:58	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	36042	No
419	GOM_NL__2PRFIN20090120_233914_000000392075_00417_36042_5816.N1	20-JAN-2009 23:39:14	Dark	39.000	29	Bet Car	1.6720	10200.	78	36042	No
420	GOM_NL__2PRFIN20090120_234120_000000432075_00417_36042_5817.N1	20-JAN-2009 23:41:20	Dark	42.500	71	lot Car	2.2460	7700.0	85	36042	No
421	GOM_NL__2PRFIN20090120_234549_000000422075_00417_36042_5818.N1	20-JAN-2009 23:45:49	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	36042	No
422	GOM_NL__2PRFIN20090120_234756_000000382075_00417_36042_5819.N1	20-JAN-2009 23:47:56	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	36042	No
423	GOM_NL__2PRFIN20090120_234929_000000432075_00417_36042_5820.N1	20-JAN-2009 23:49:29	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	36042	No
424	GOM_NL__2PRFIN20090120_235158_000000432075_00417_36042_5821.N1	20-JAN-2009 23:51:58	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	36042	No
425	GOM_NL__2PRFIN20090120_235323_000000382075_00417_36042_5822.N1	20-JAN-2009 23:53:23	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	36042	No
426	GOM_NL__2PRFIN20090120_235533_000000412075_00417_36042_5823.N1	20-JAN-2009 23:55:33	Straylight	40.500	1	9Alp CMa	-1.4400	11000.	81	36042	No

3. Quality information per product

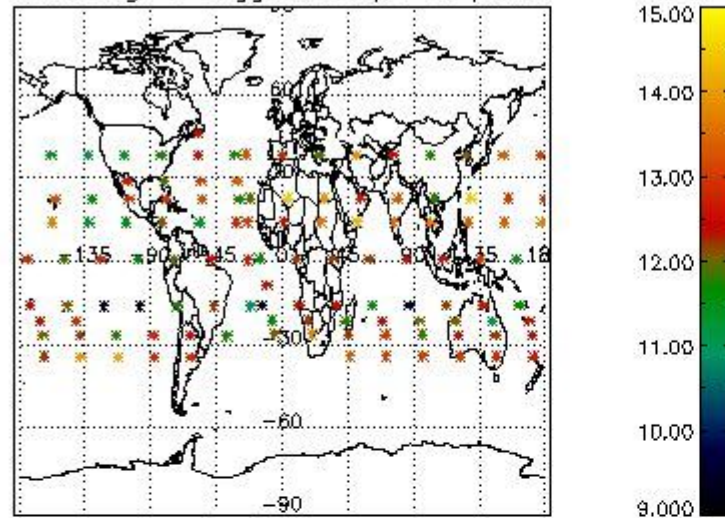
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

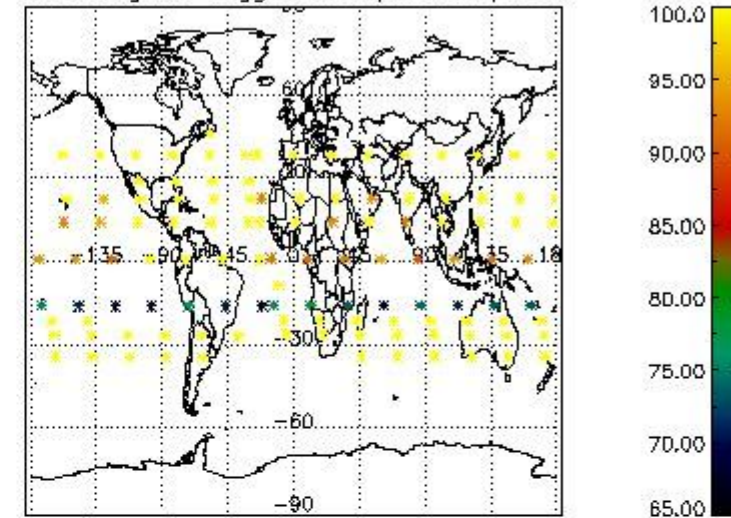


3.2 Plot quality information per product (world map)

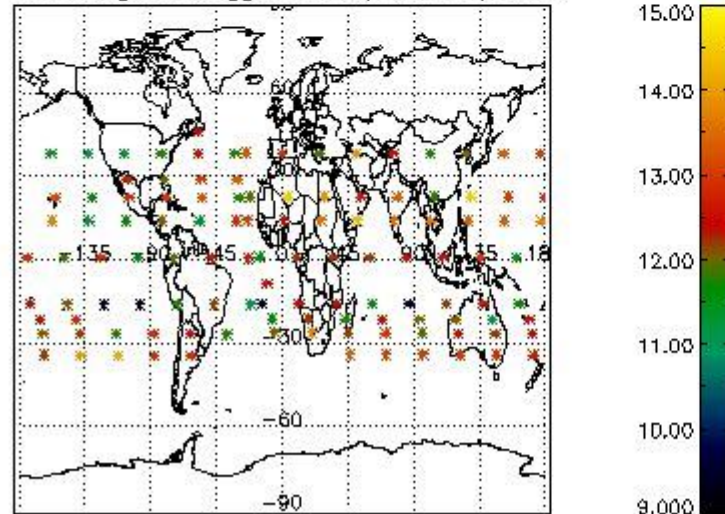
Percentage of flagged data per O3 profile



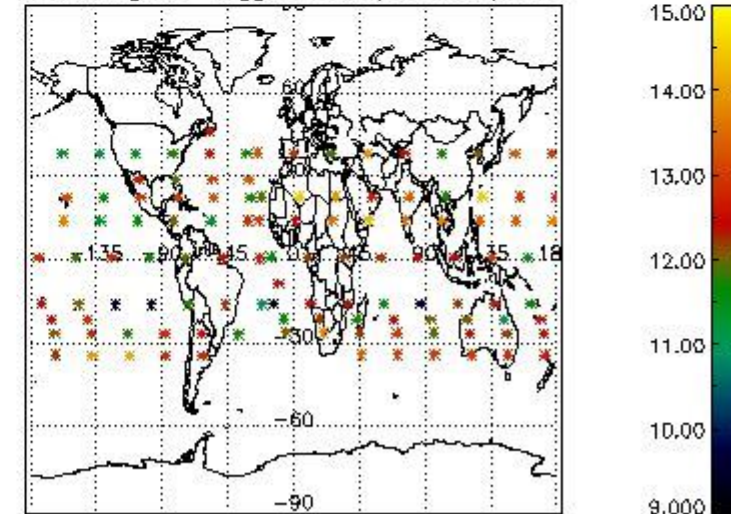
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

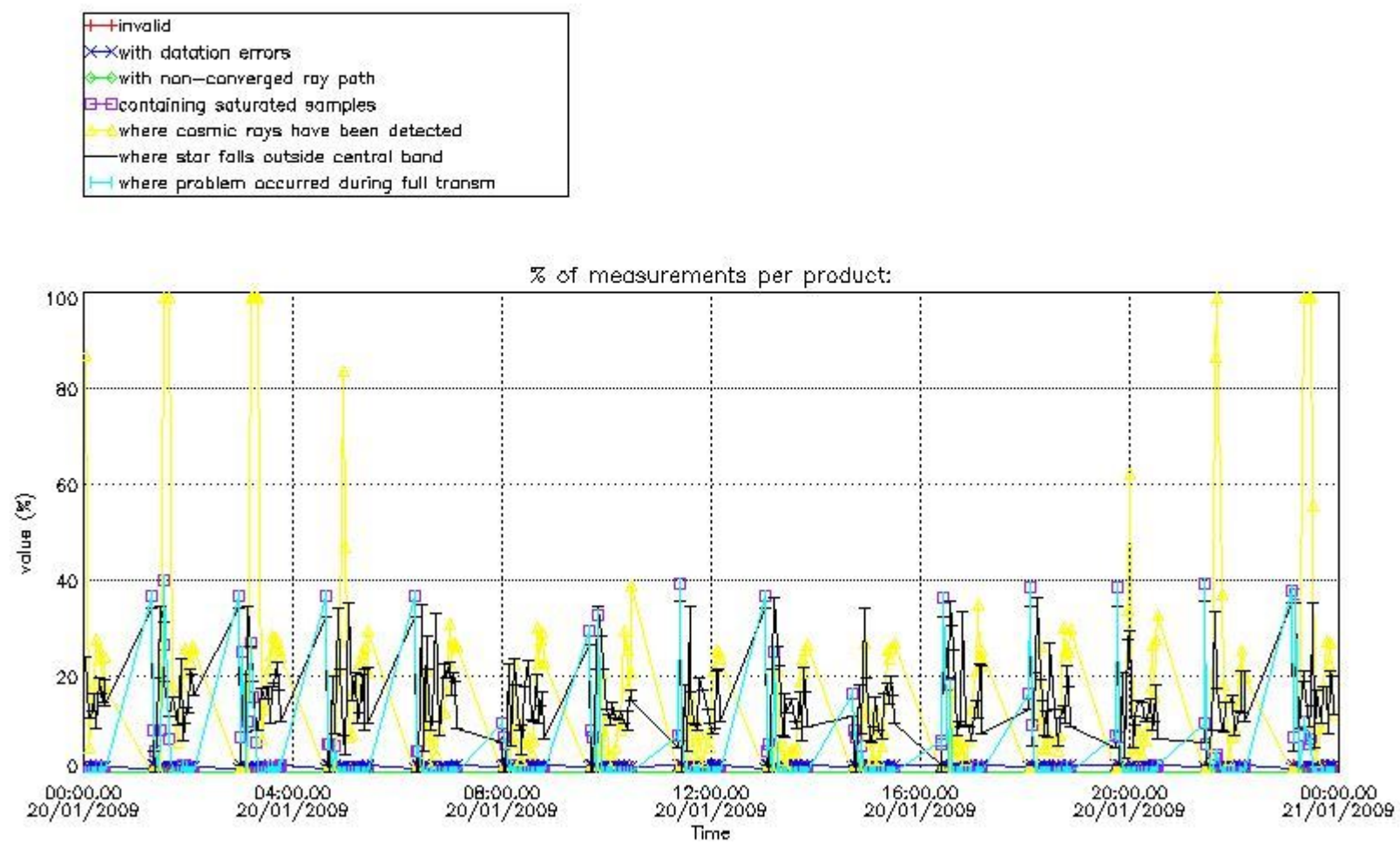


4. Level 1 quality information per product

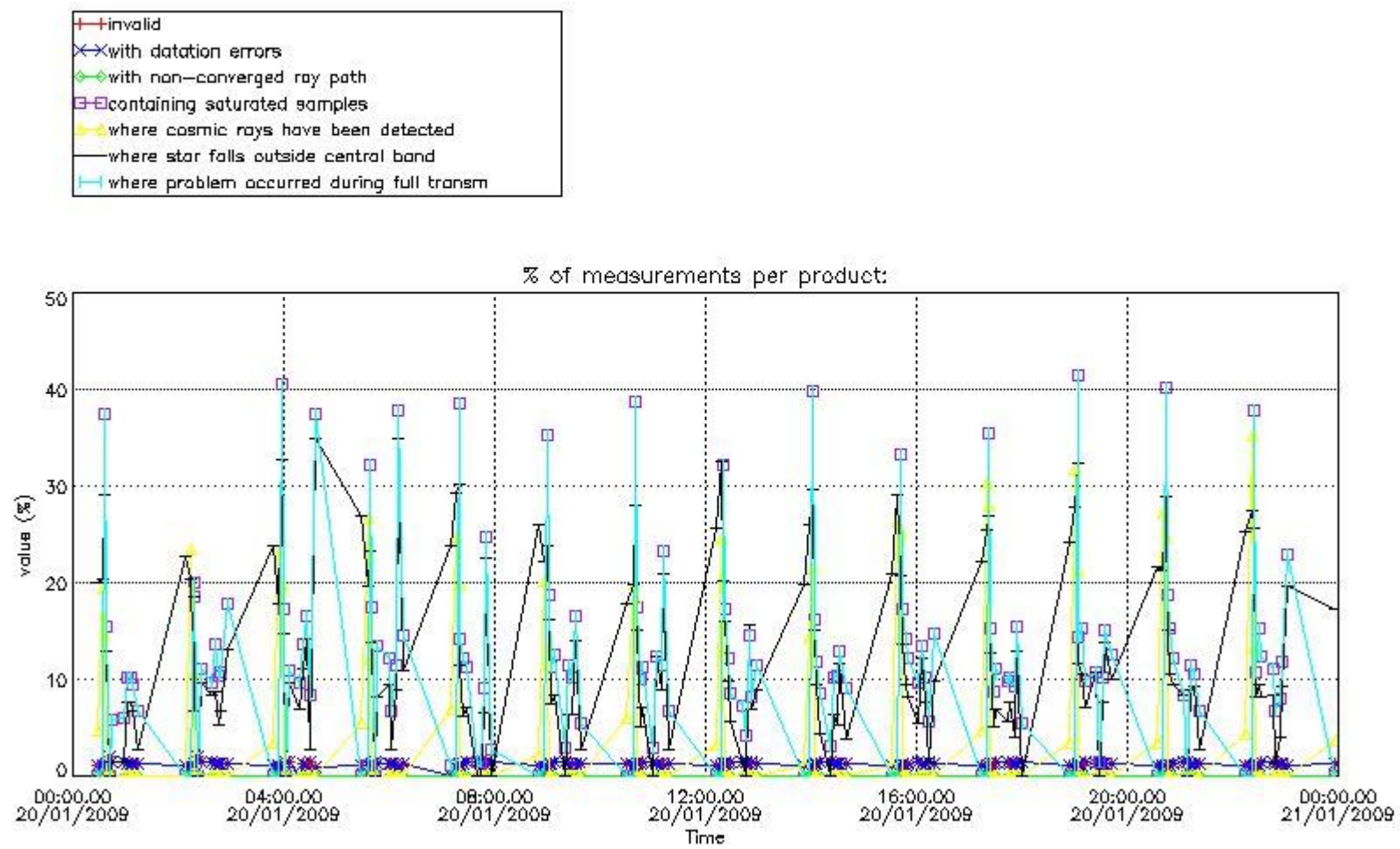
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

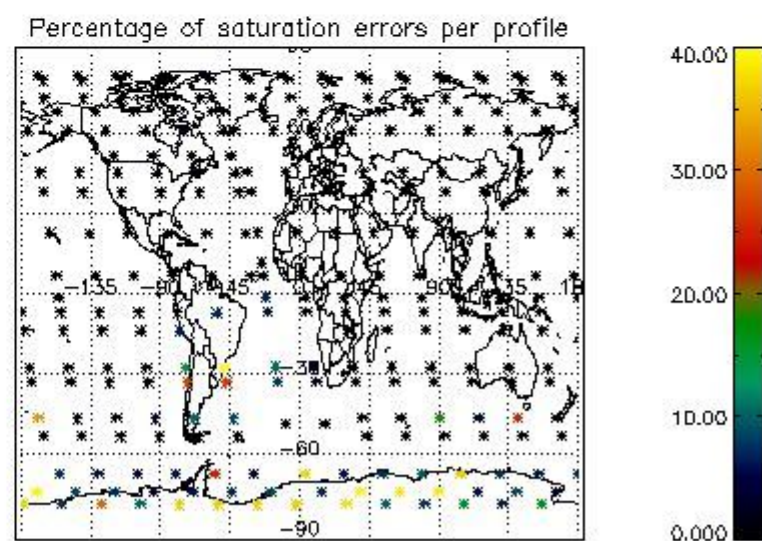
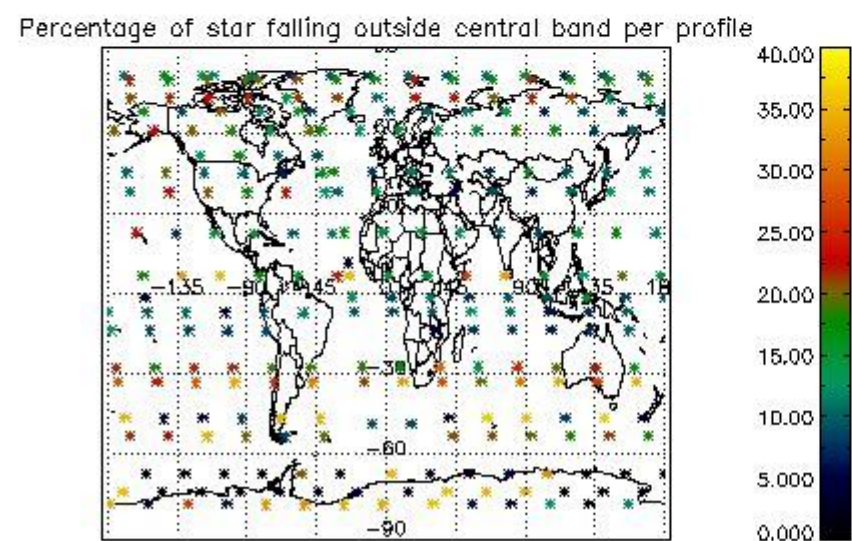
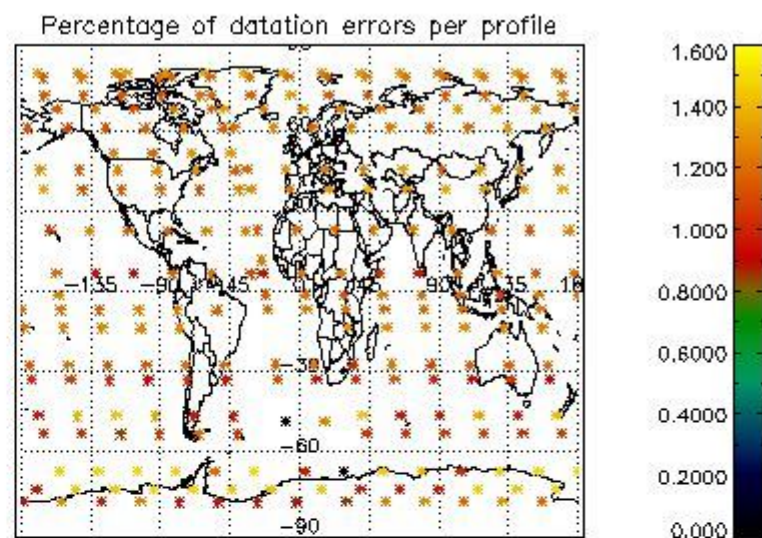
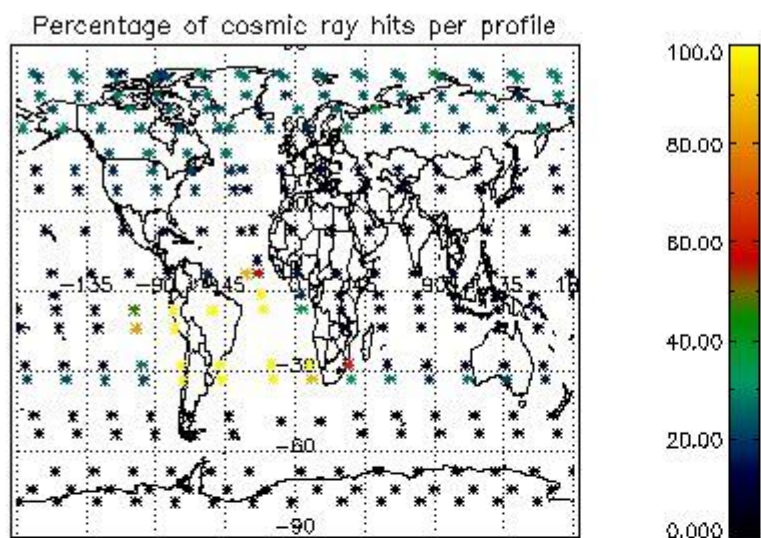


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

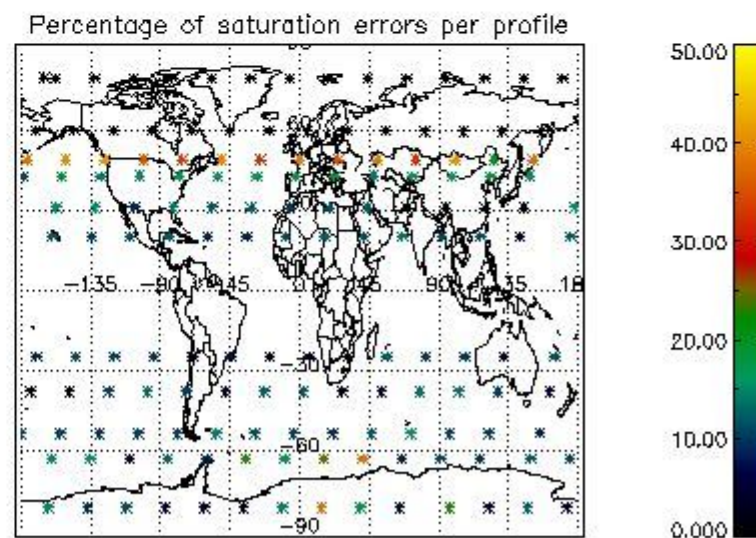
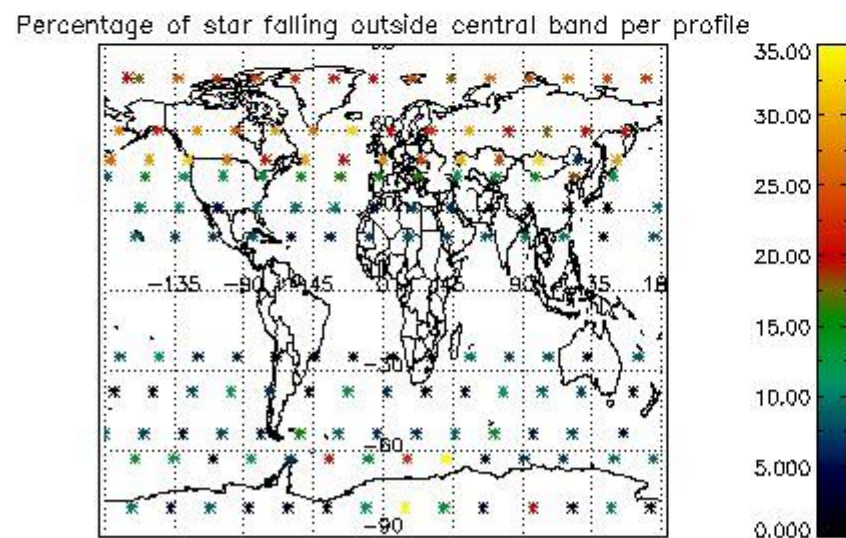
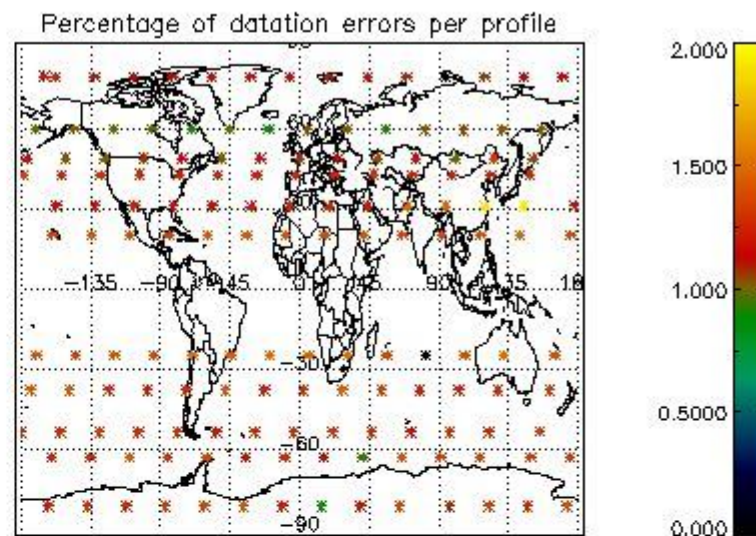
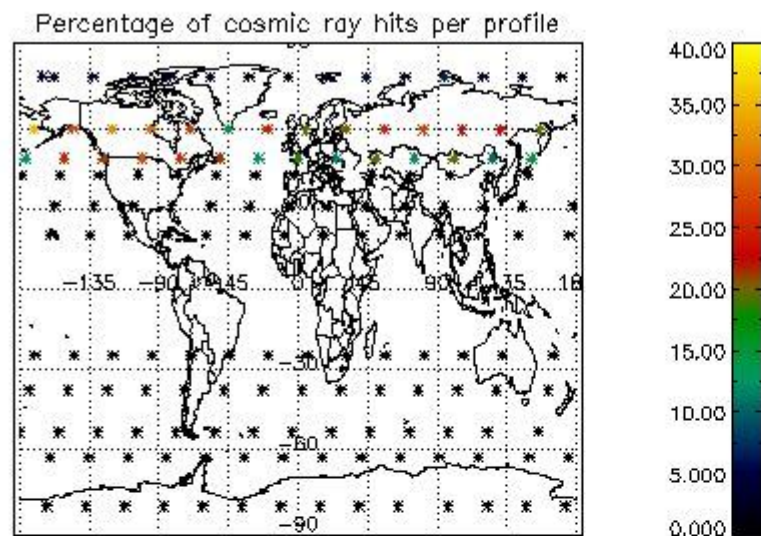


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

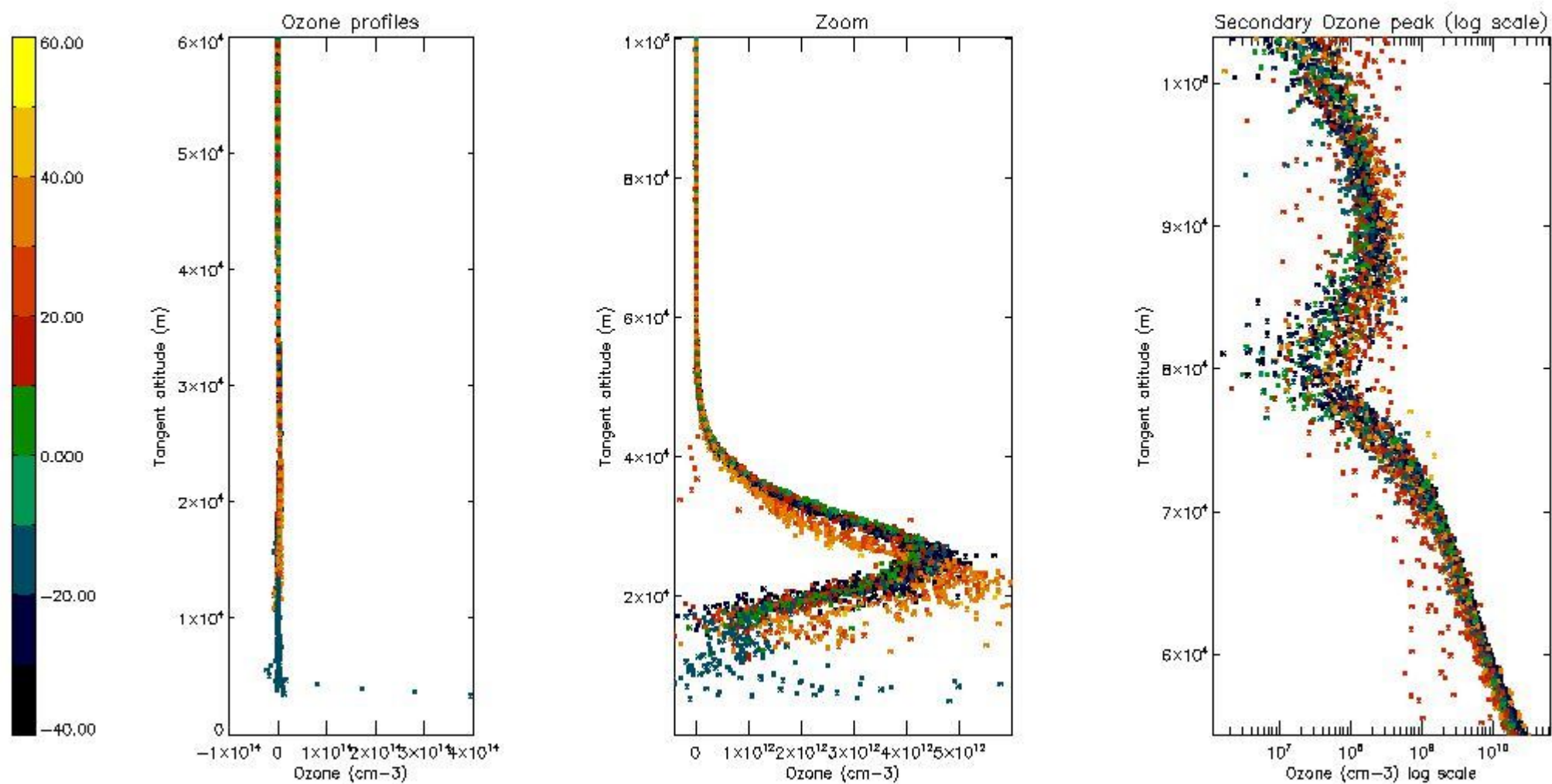
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	17

STD < 10	14
STD < 5	10

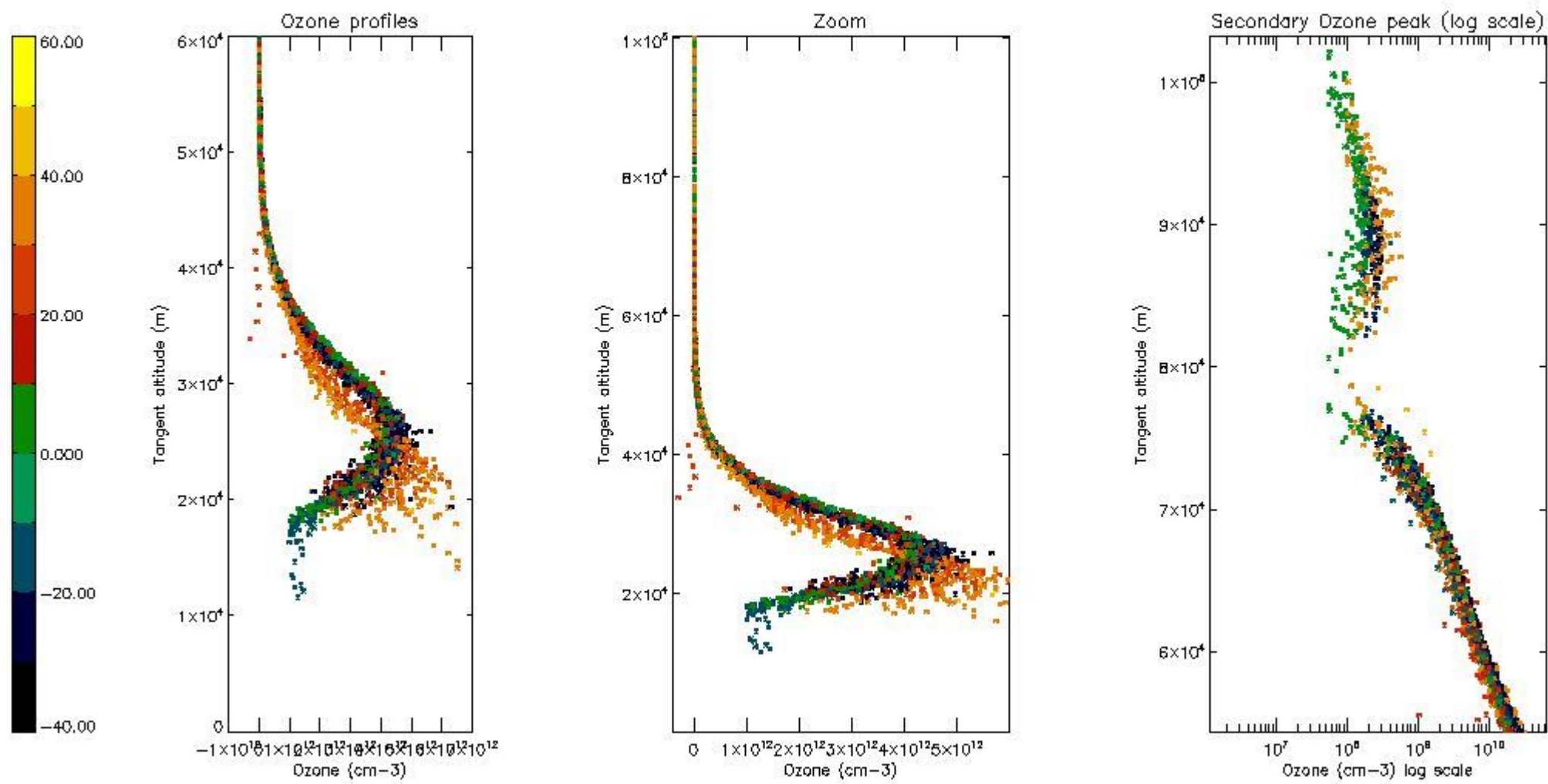
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



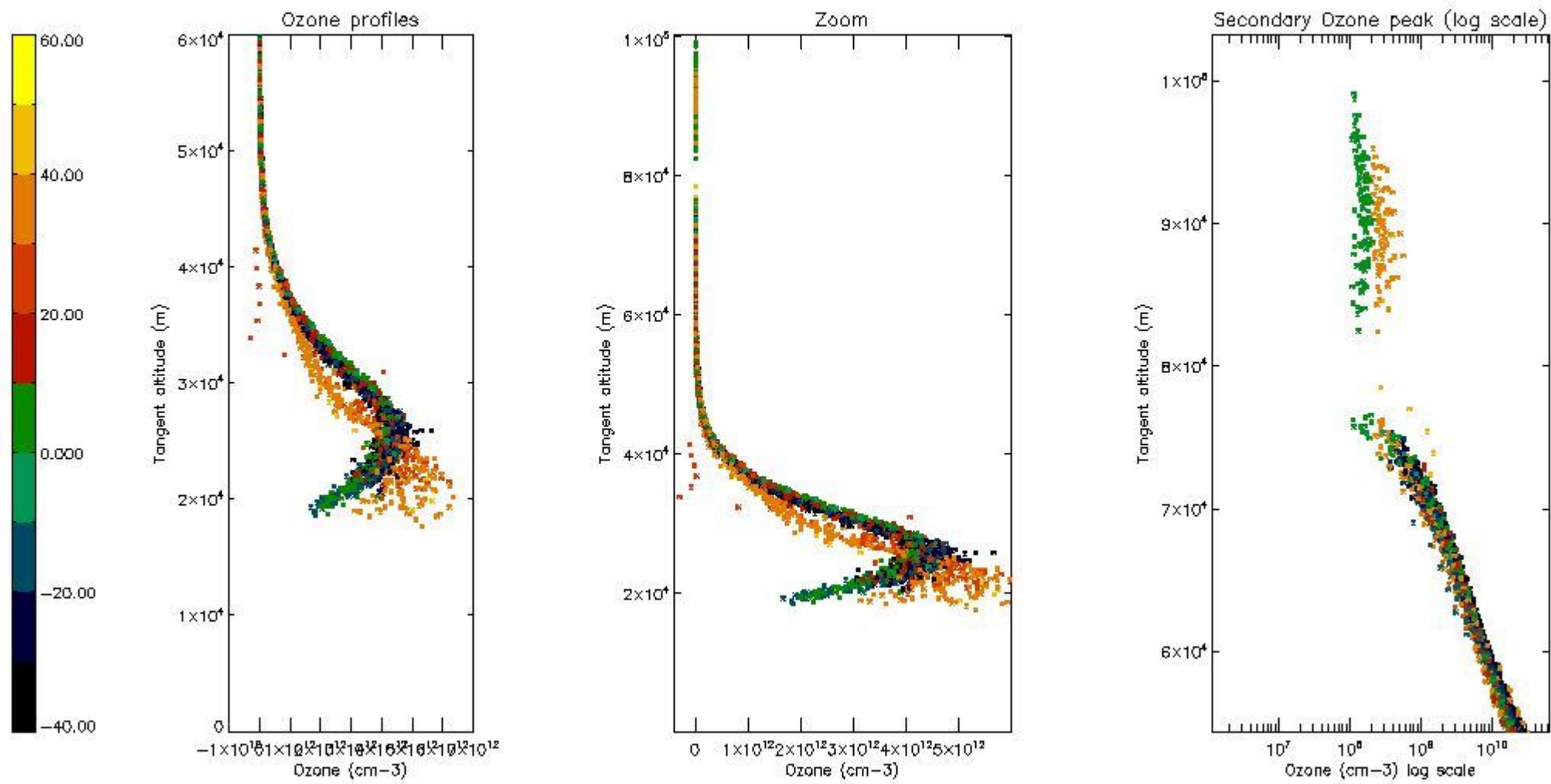
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



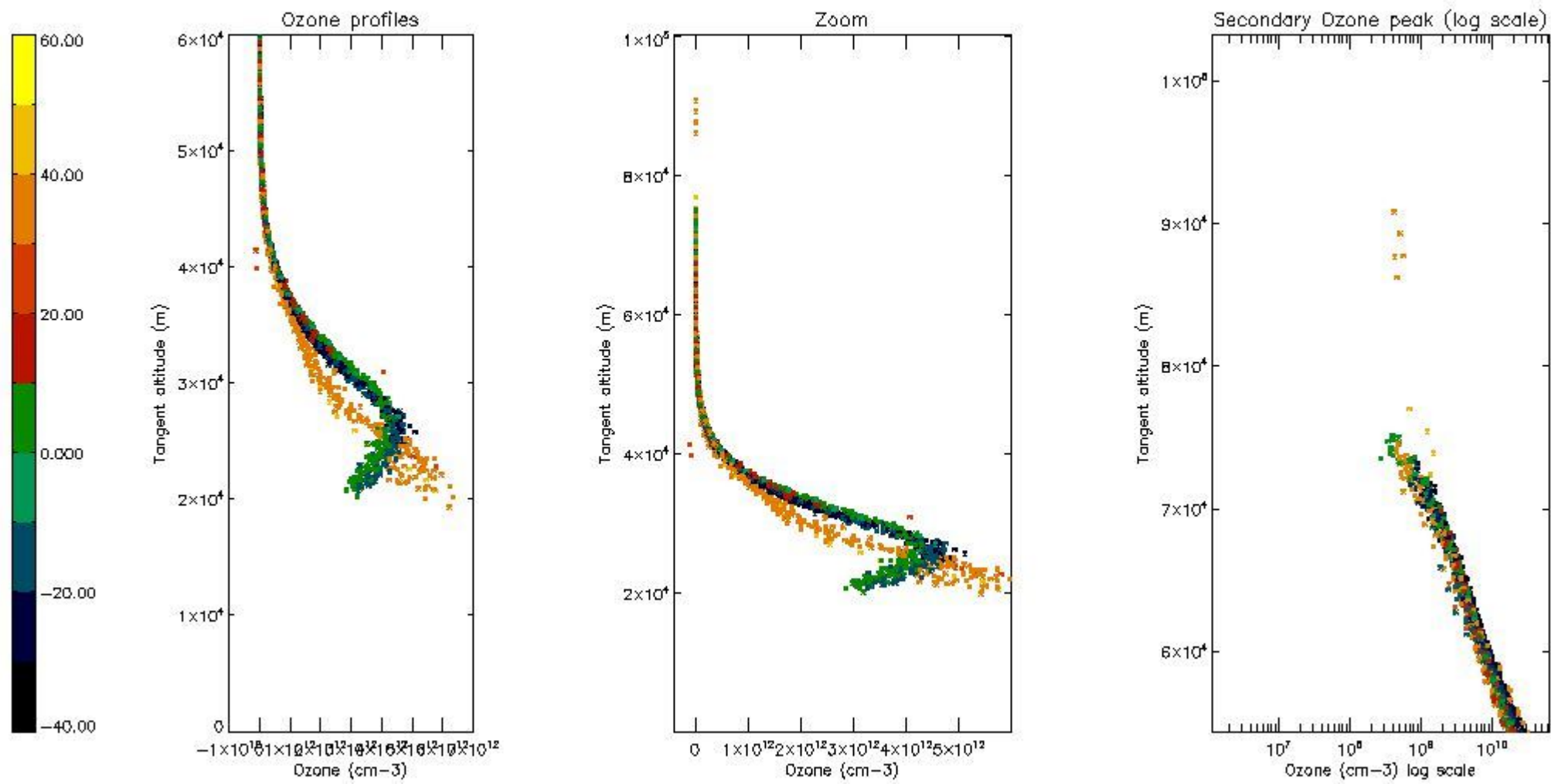
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



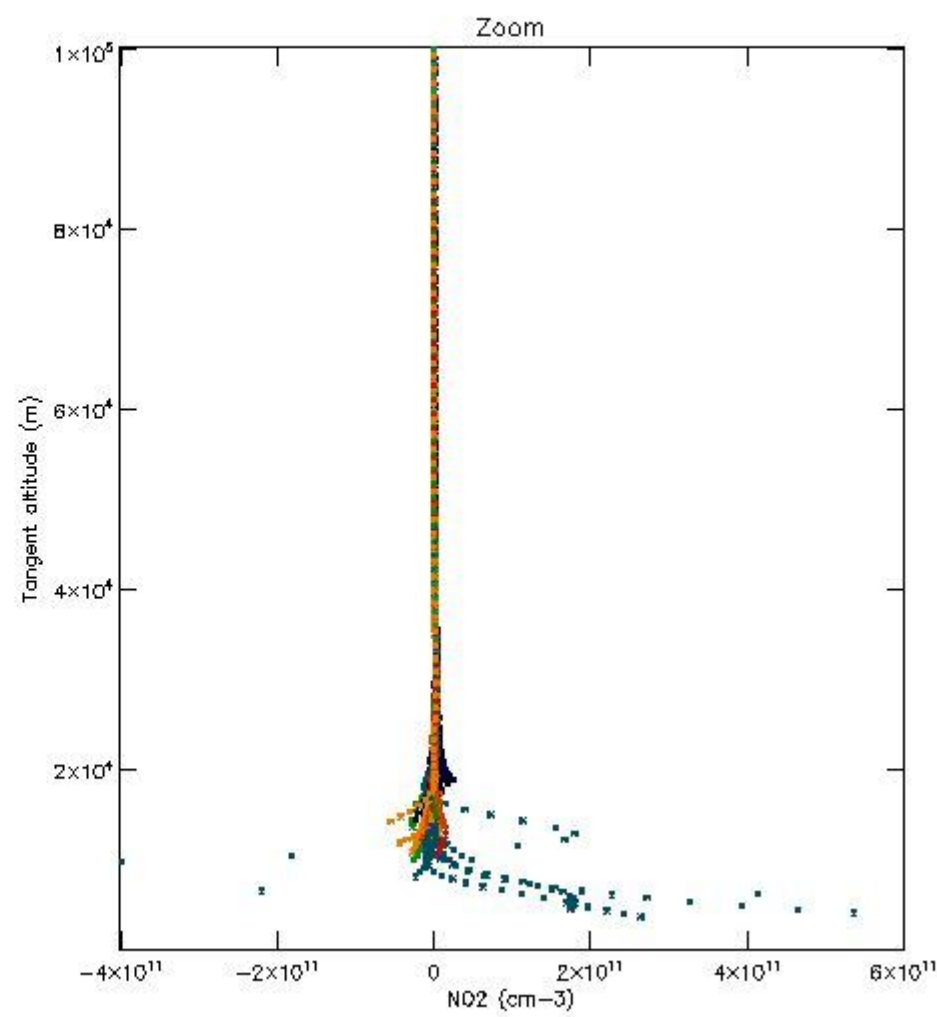
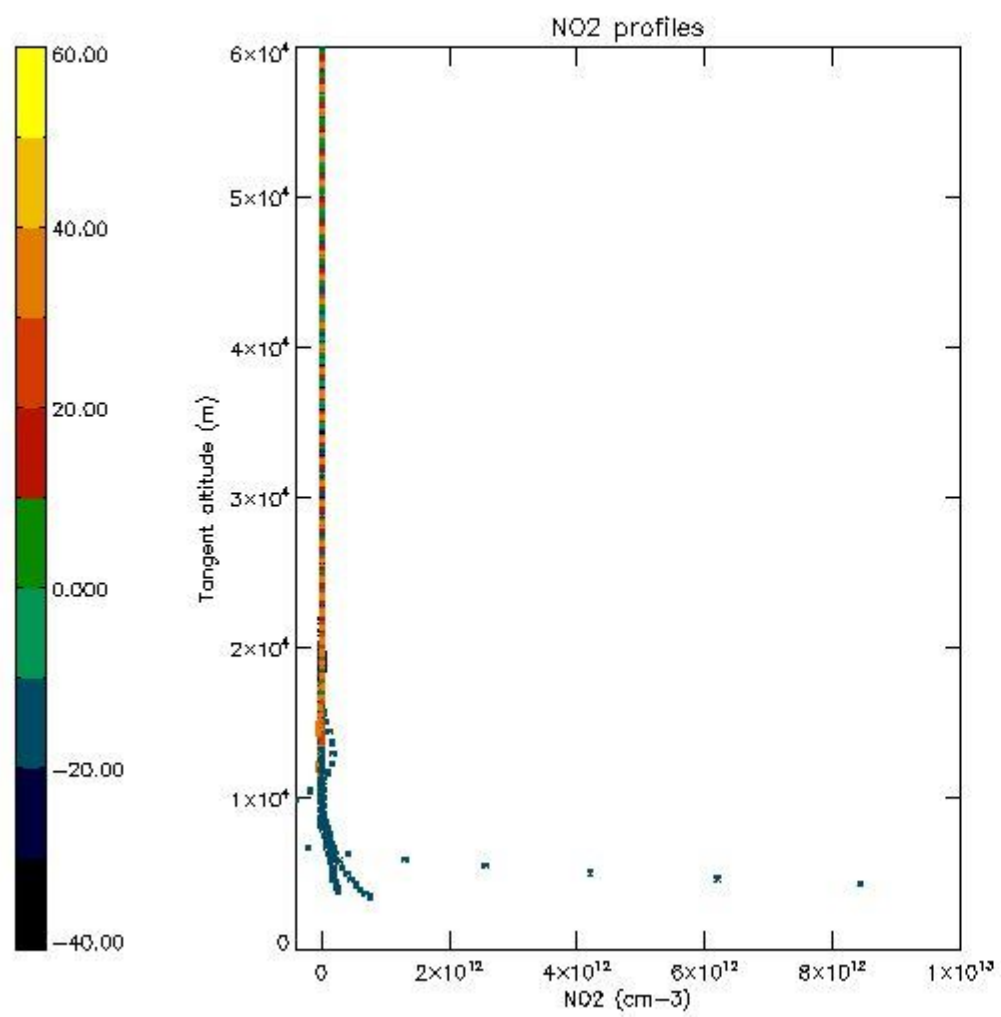
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



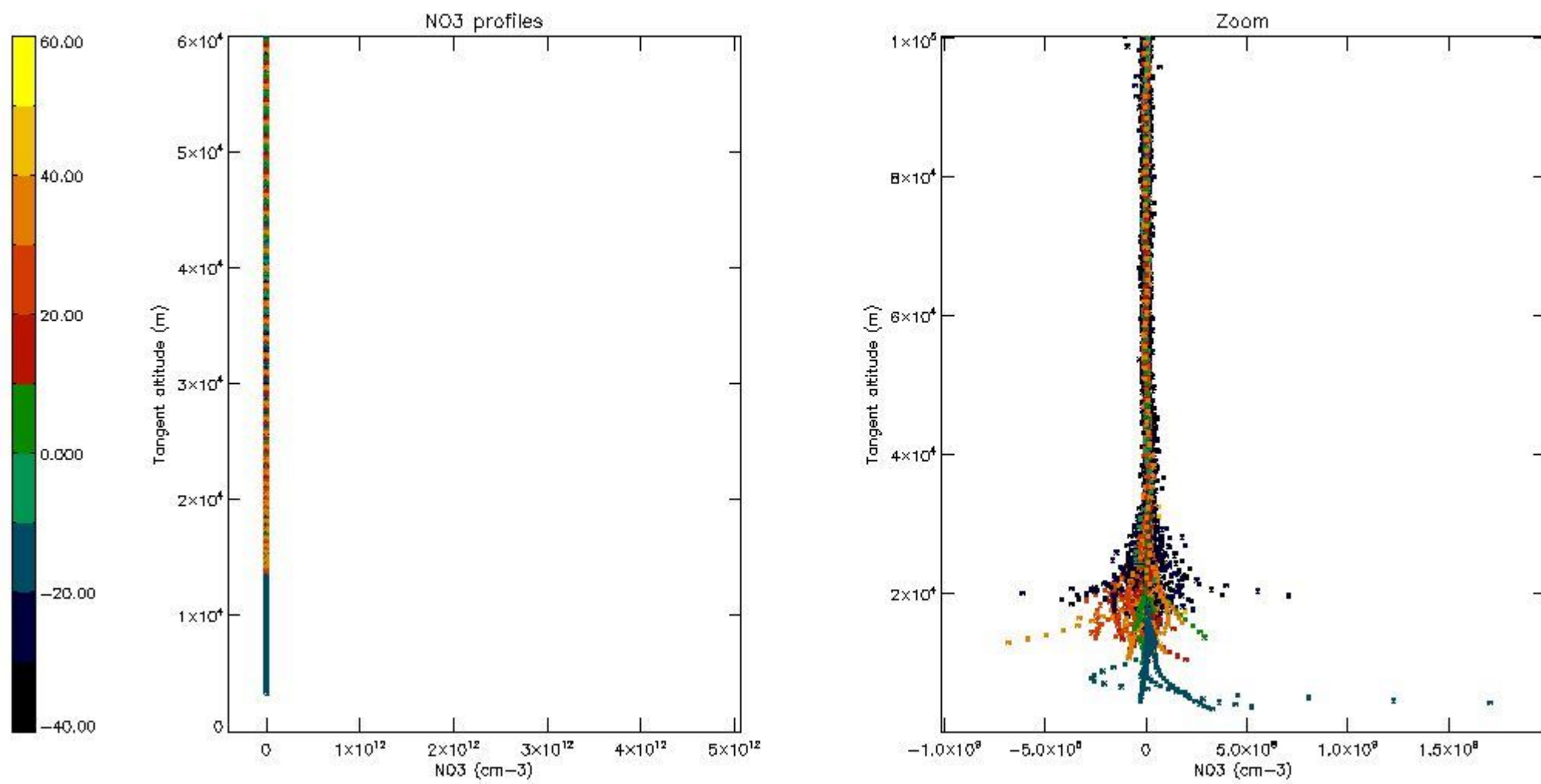
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



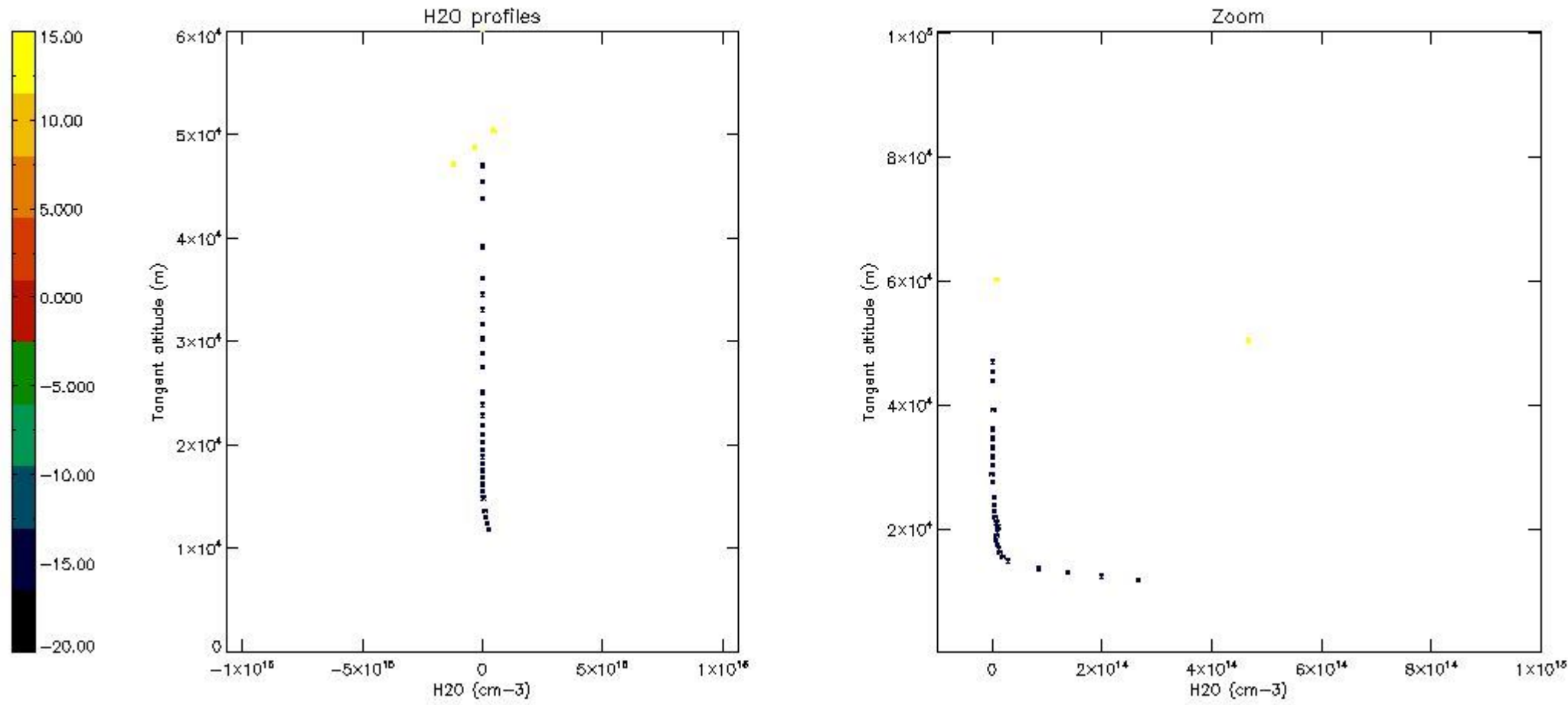
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

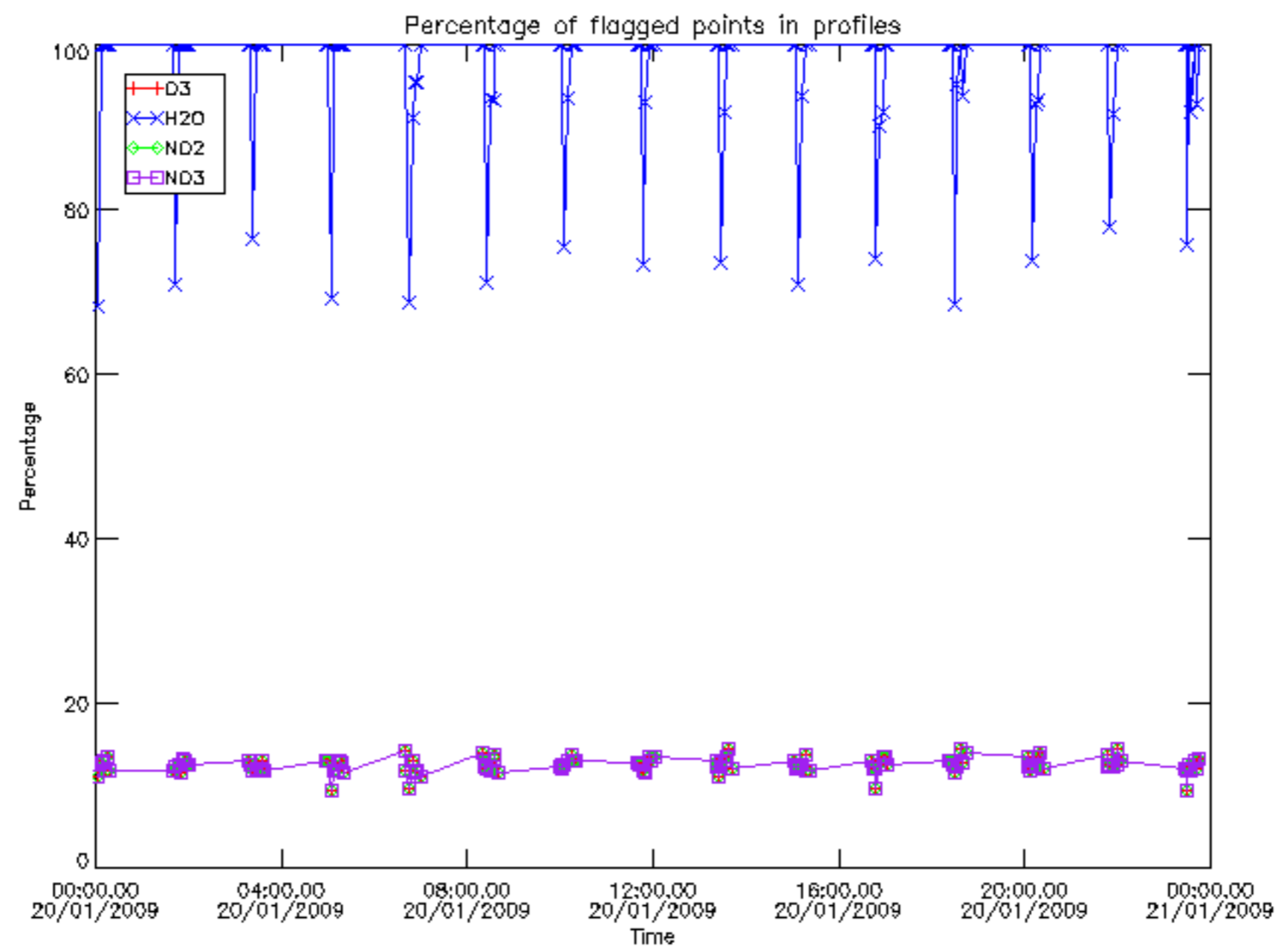
The colorbar represents the latitude.



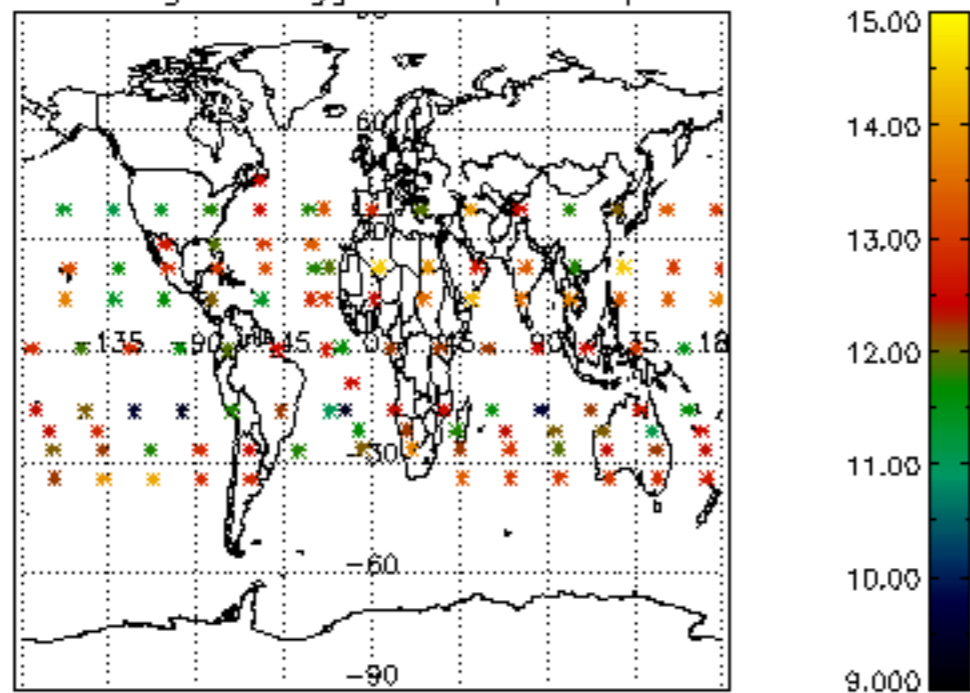
6. Auxiliary Data Files used for the production reported in section 2

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.

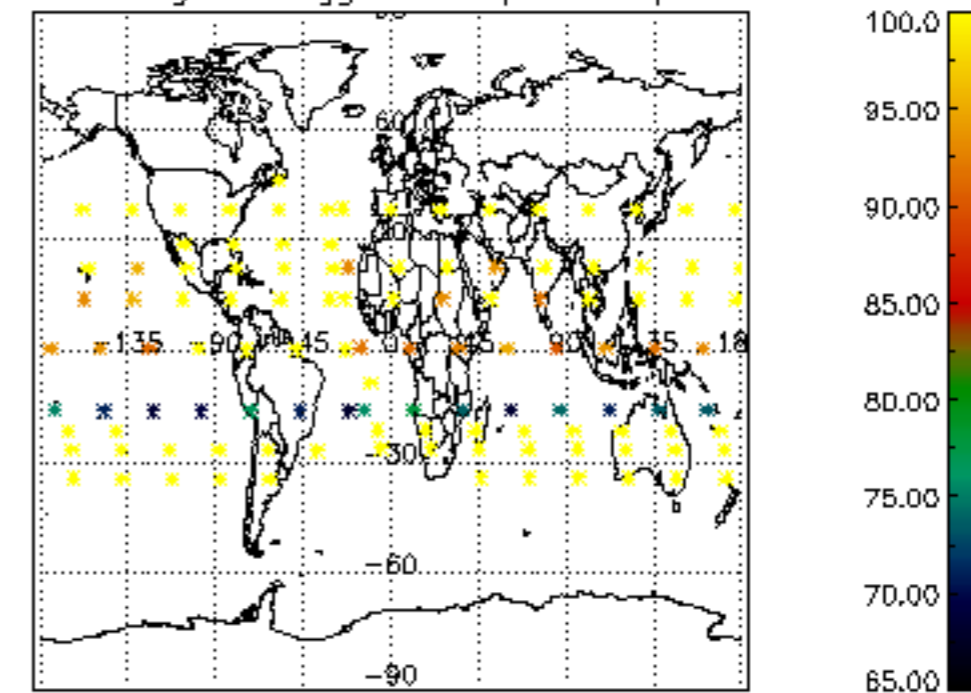
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	20-JAN-2009 00:01:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-JAN-2009 00:01:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-JAN-2009 00:01:58



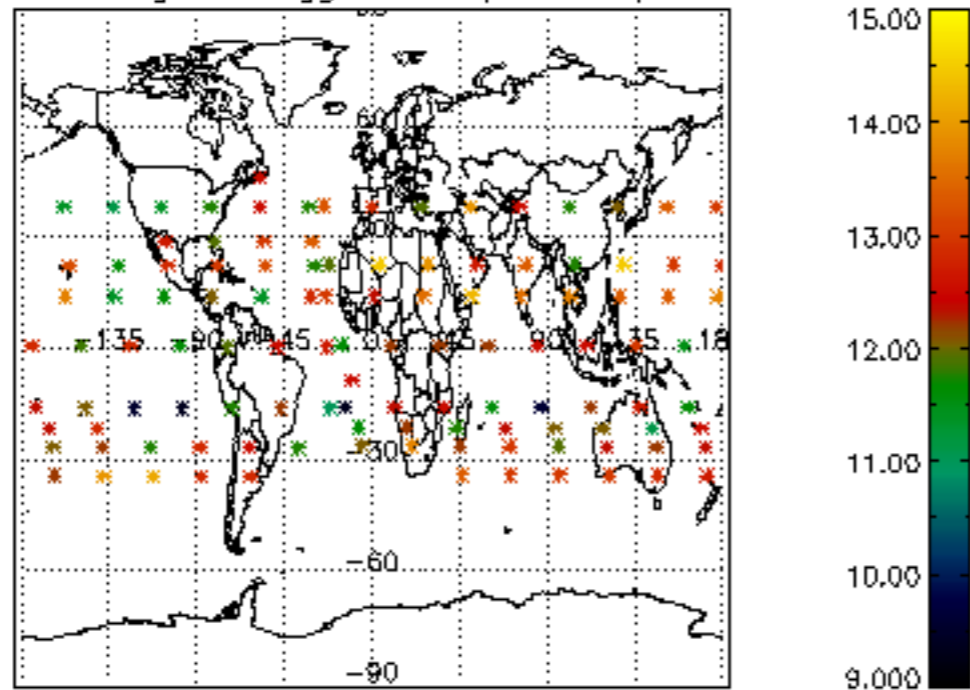
Percentage of flagged data per D3 profile



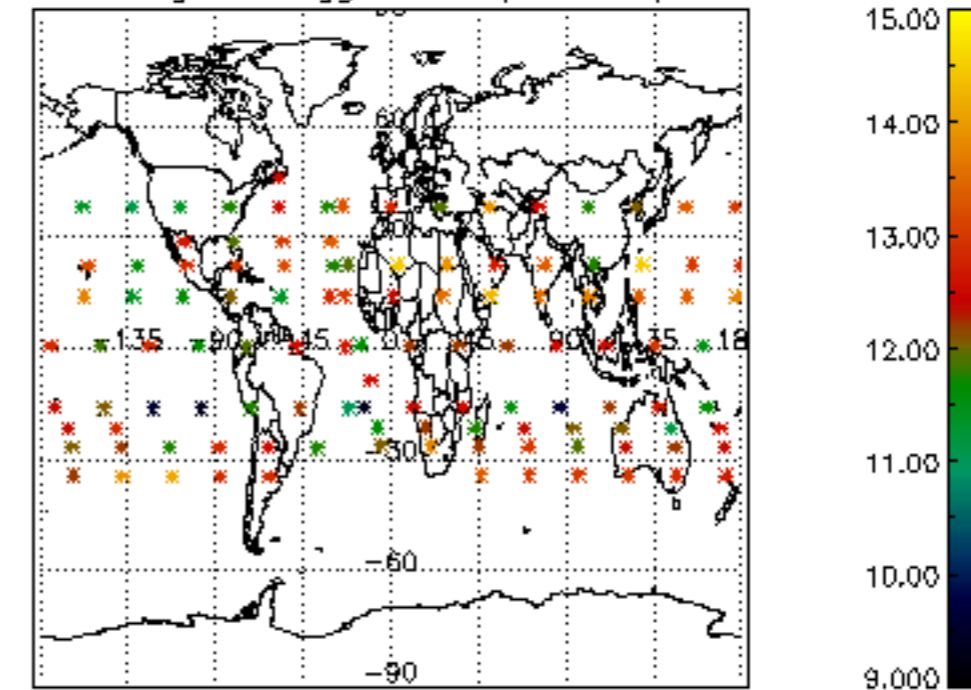
Percentage of flagged data per H2O profile

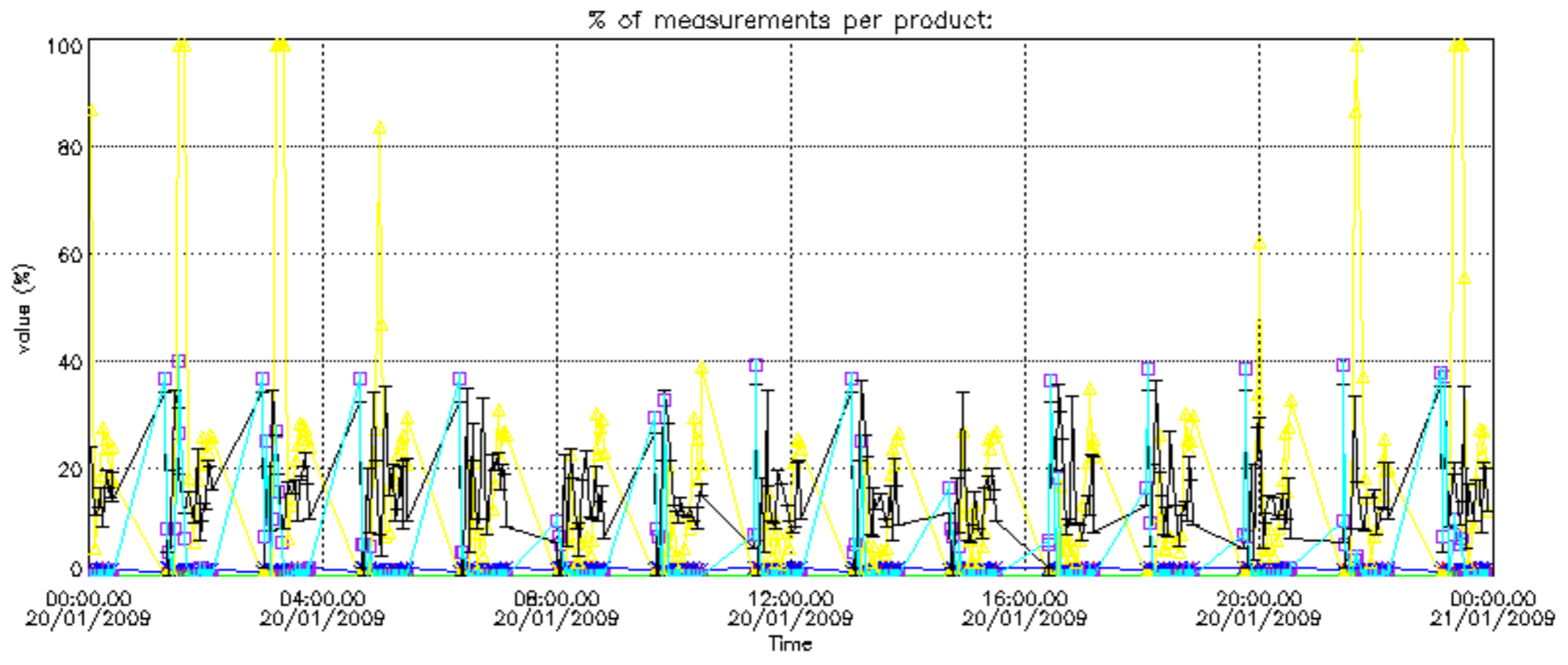


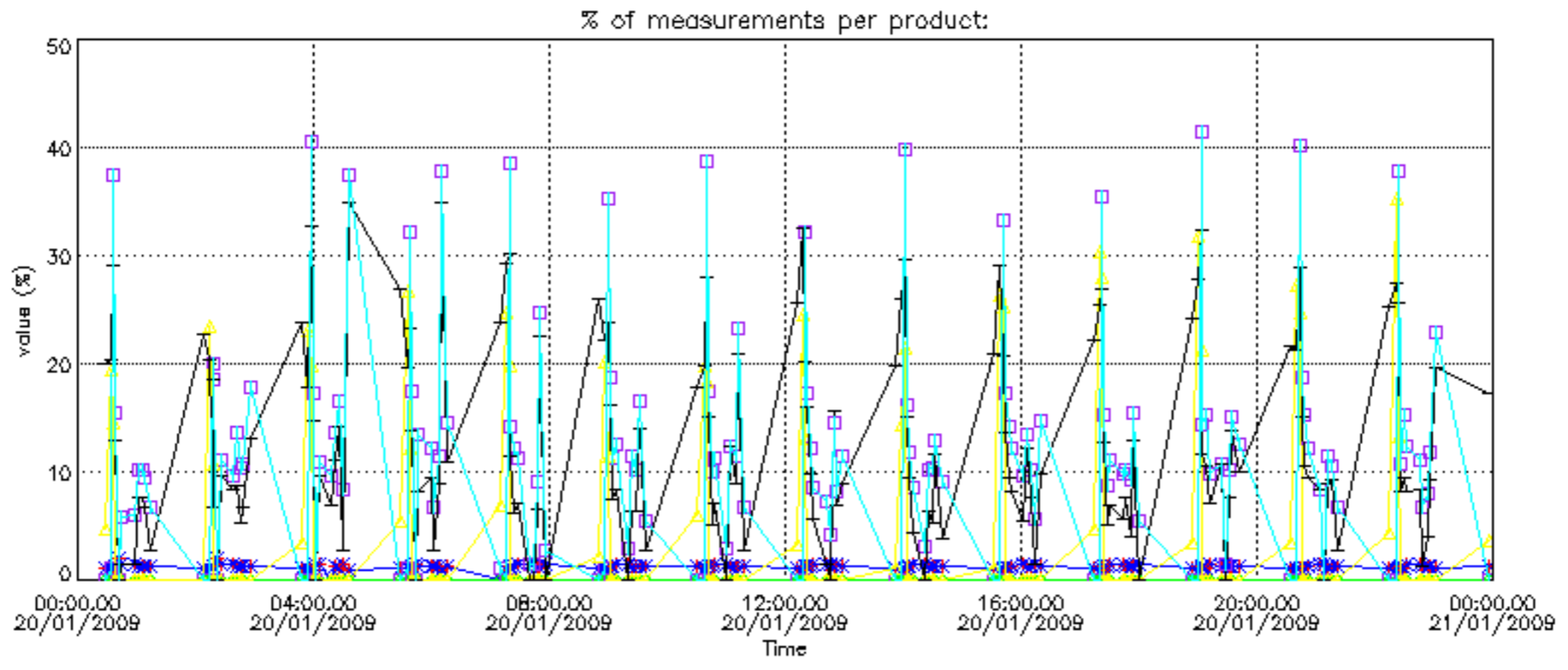
Percentage of flagged data per NO2 profile



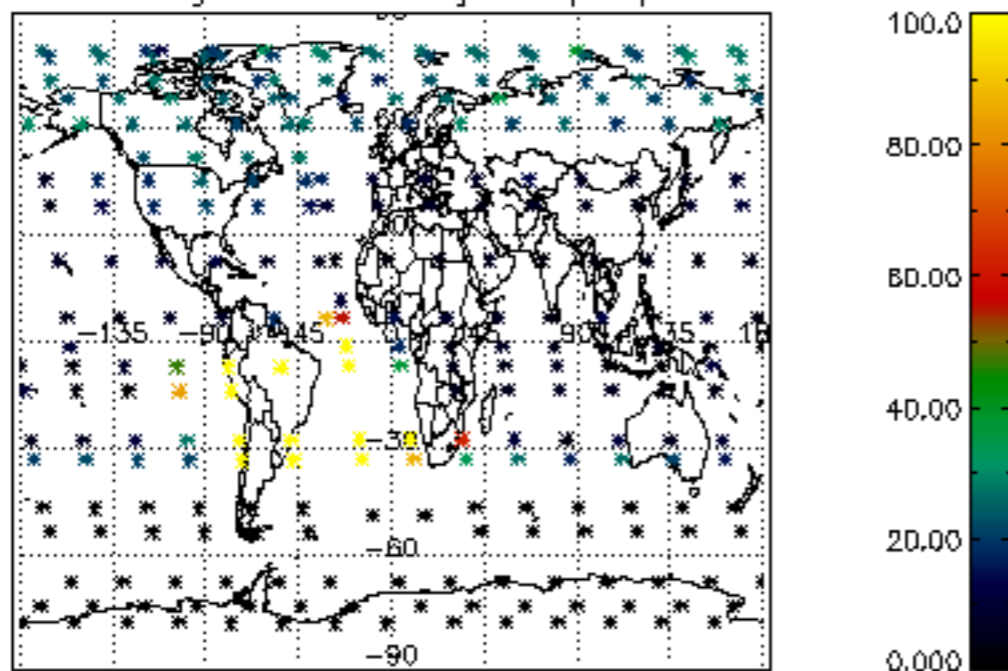
Percentage of flagged data per NO3 profile



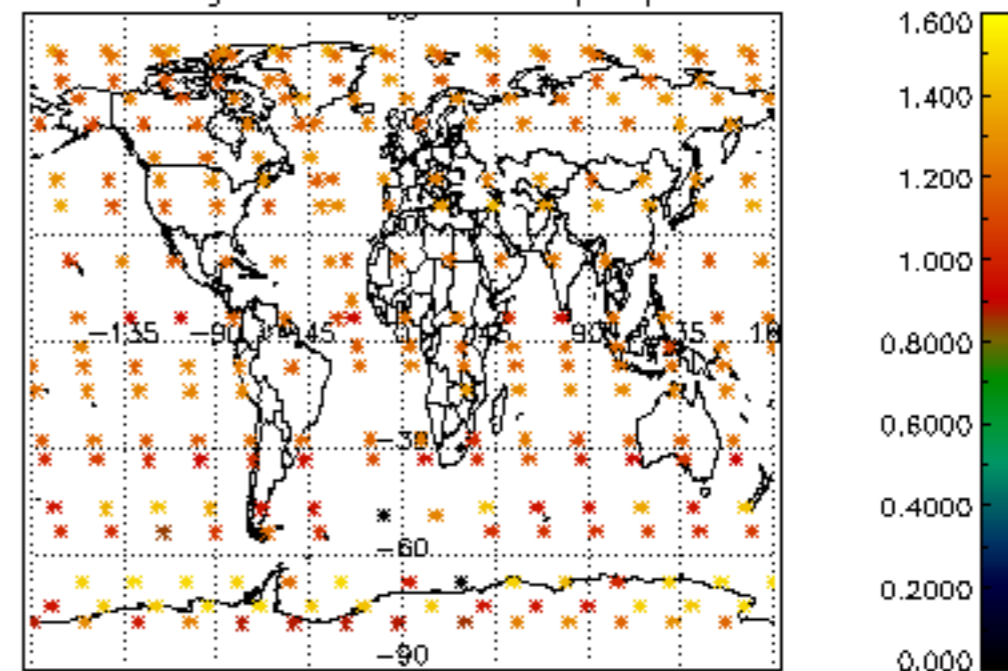




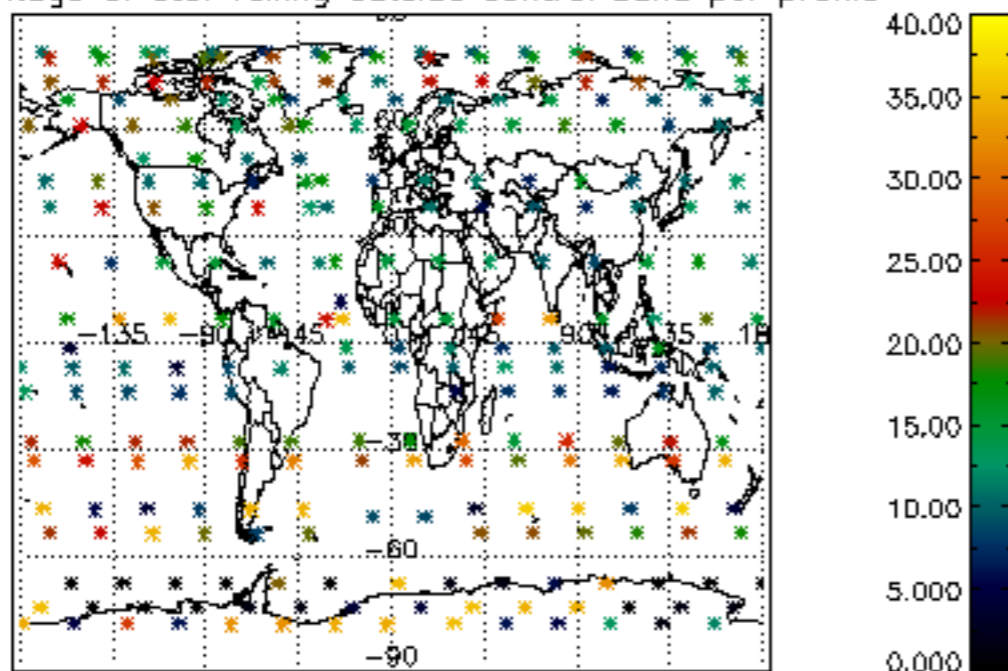
Percentage of cosmic ray hits per profile



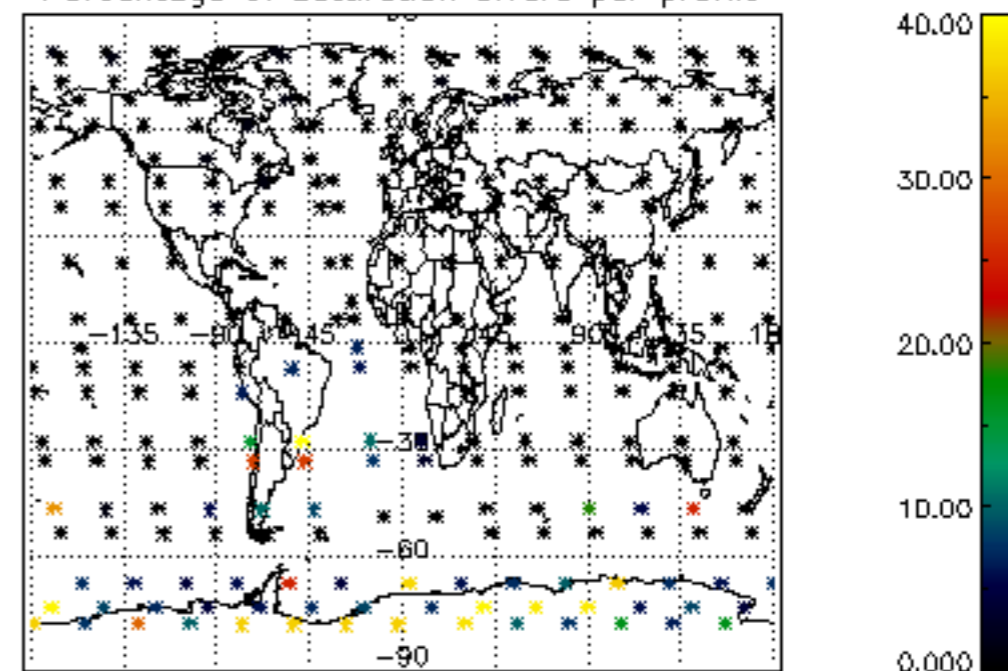
Percentage of datation errors per profile



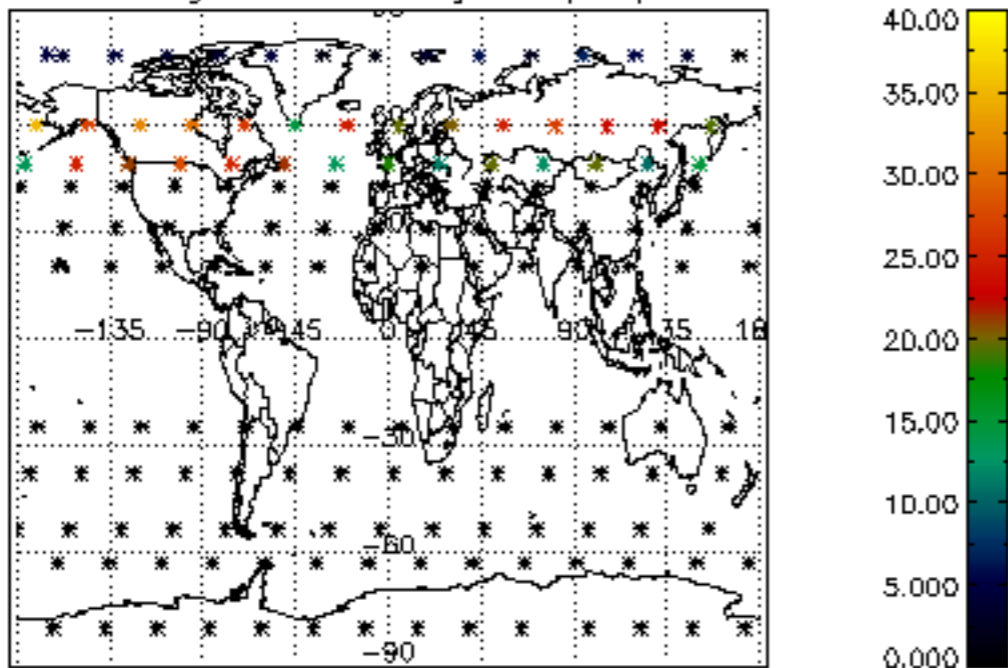
Percentage of star falling outside central band per profile



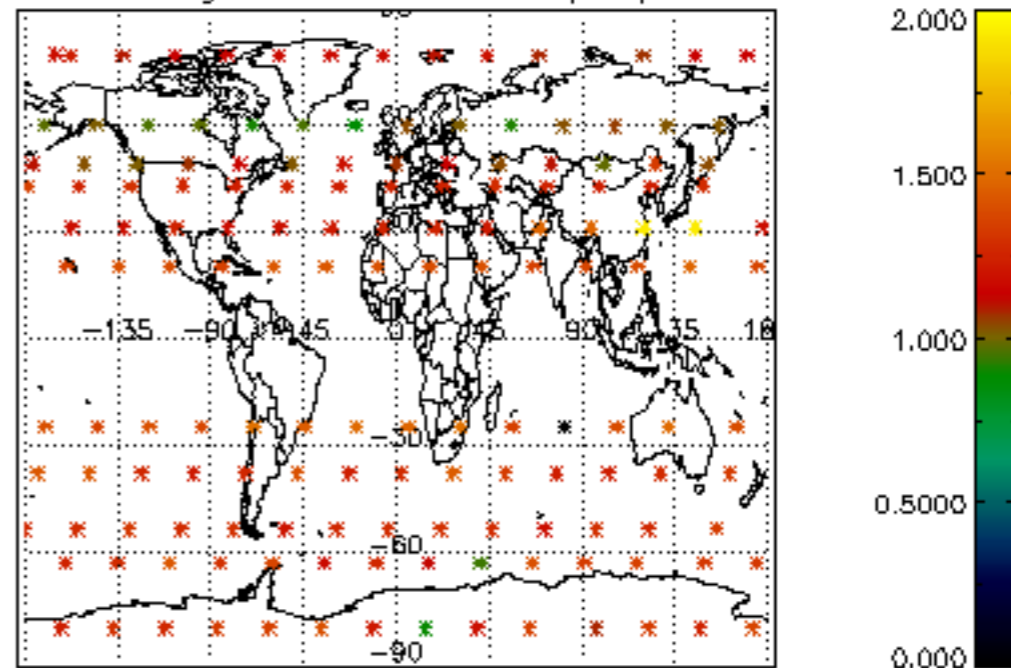
Percentage of saturation errors per profile



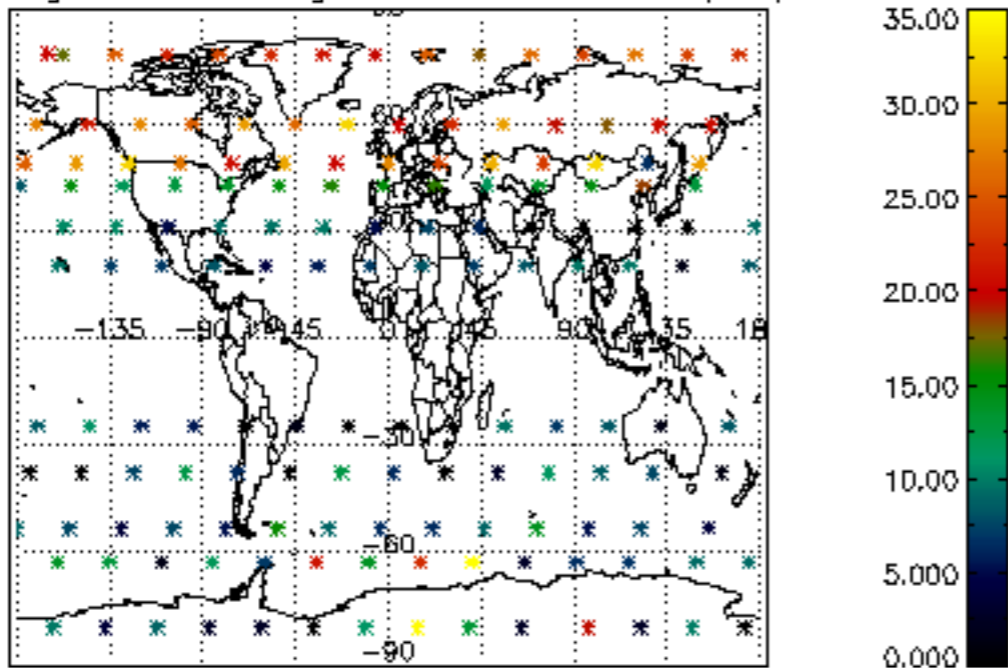
Percentage of cosmic ray hits per profile



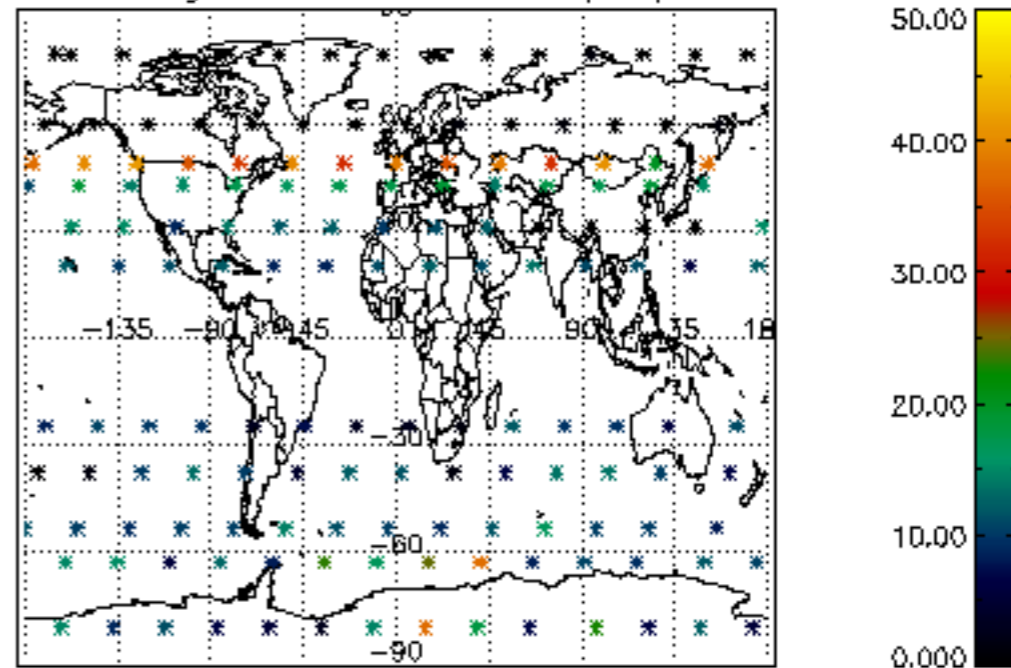
Percentage of datation errors per profile

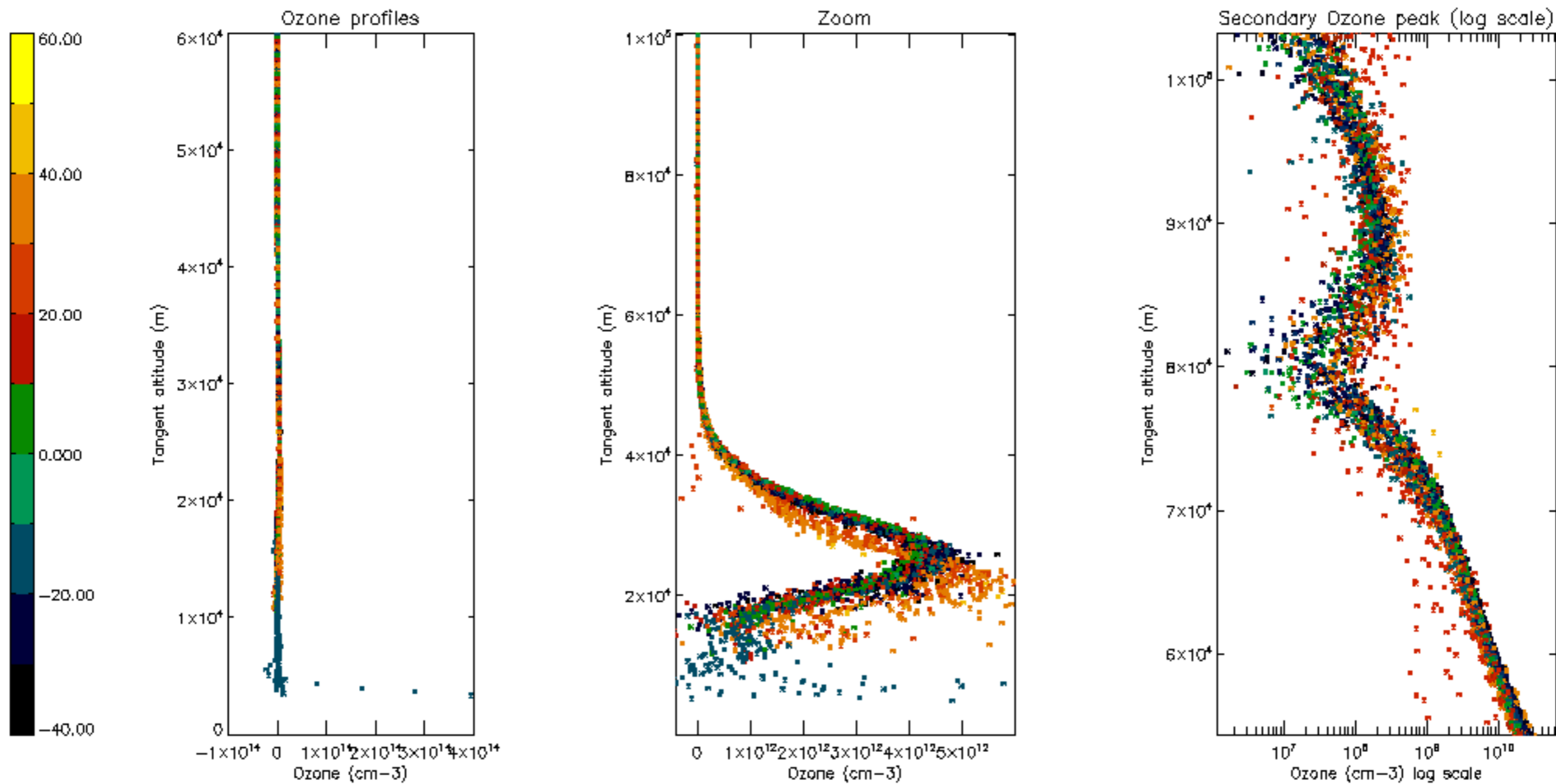


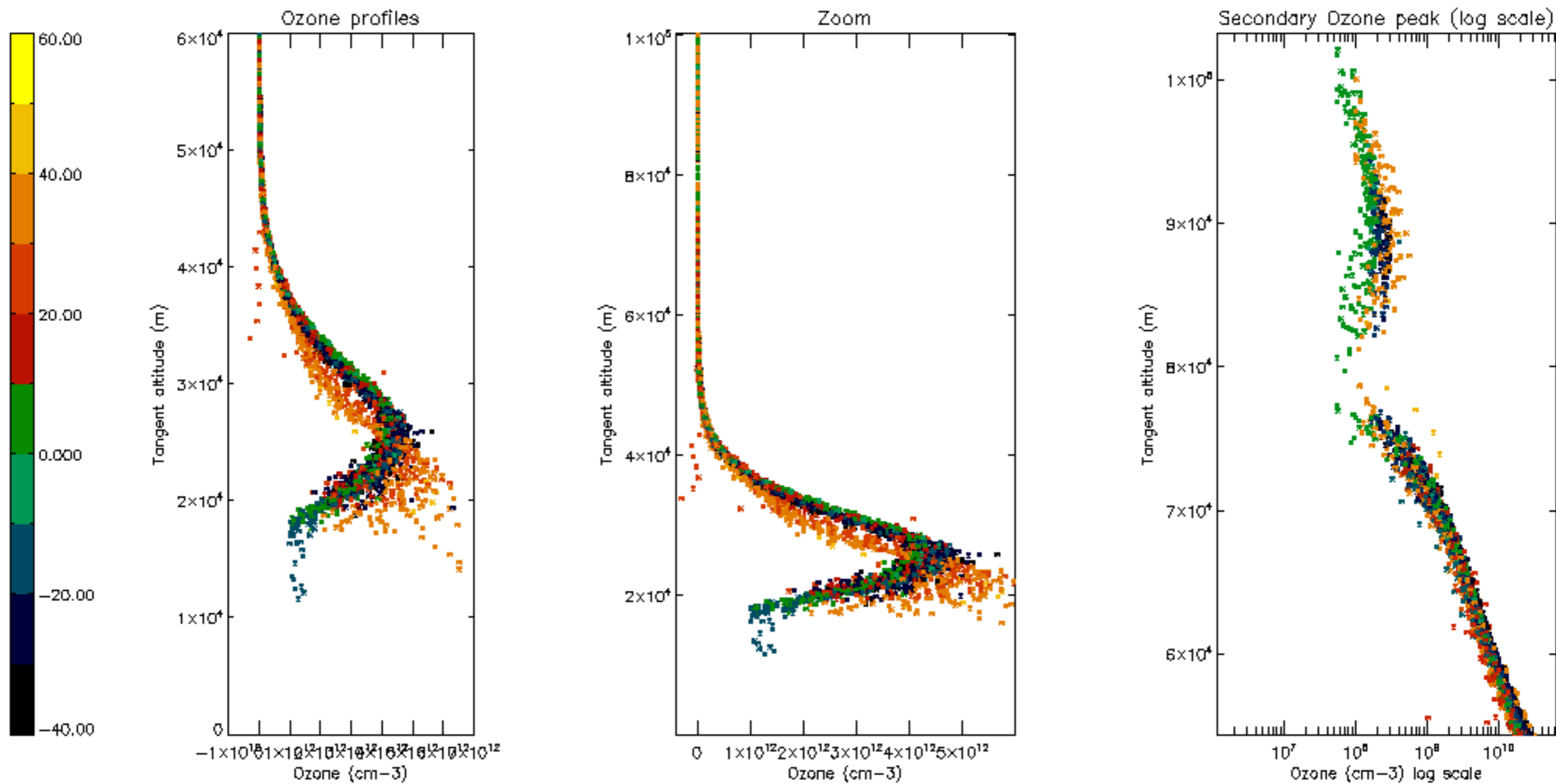
Percentage of star falling outside central band per profile

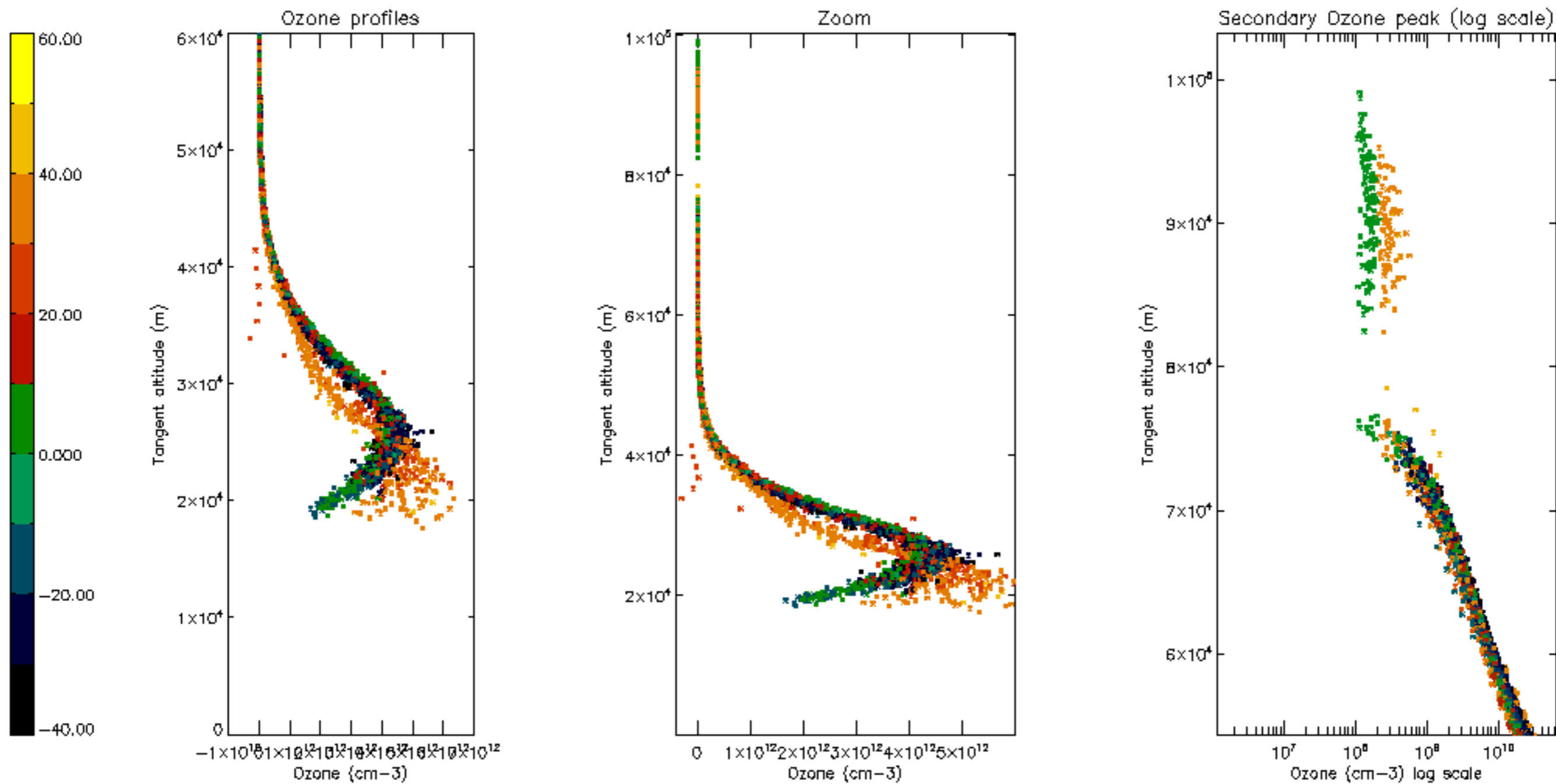


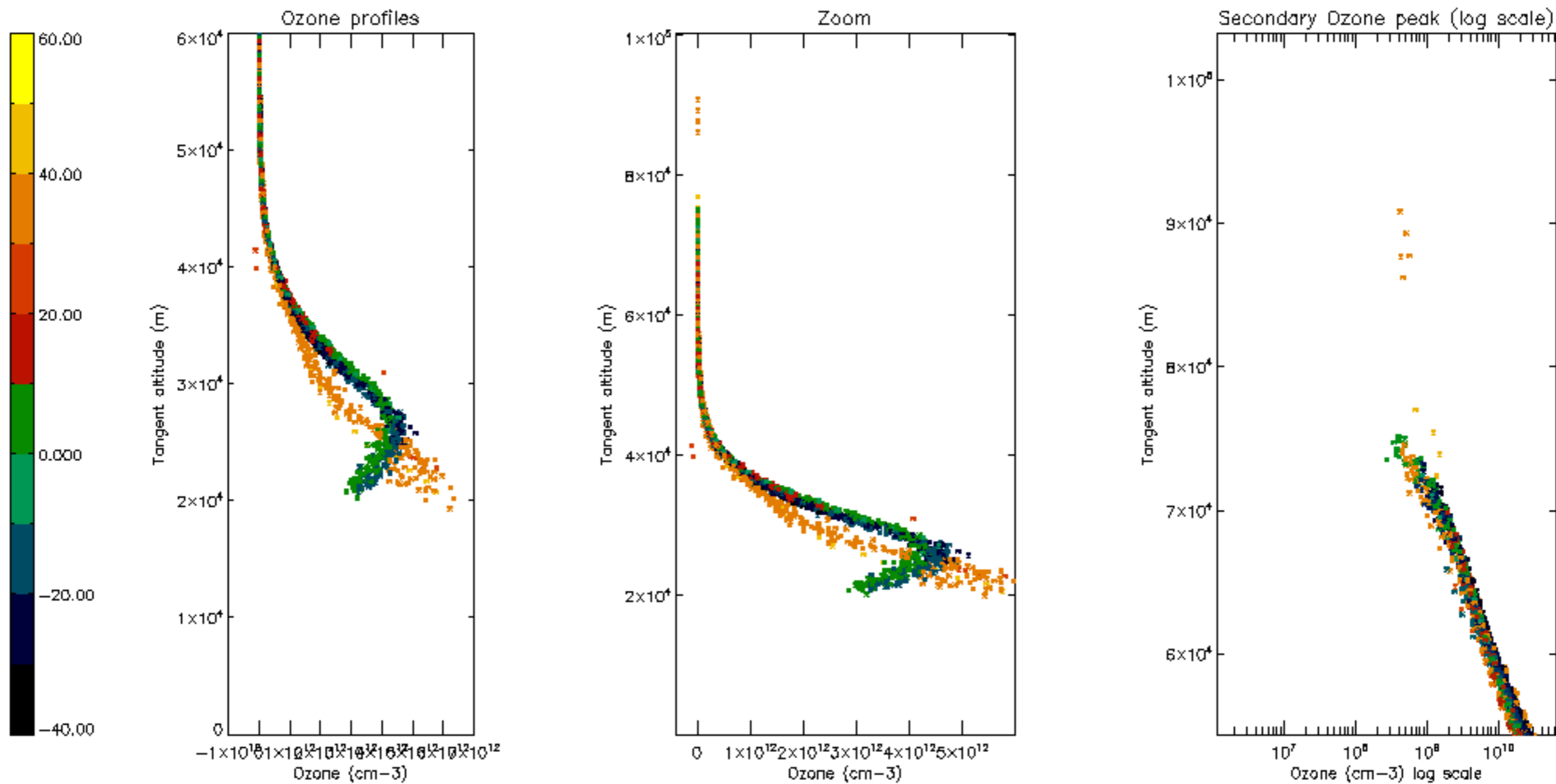
Percentage of saturation errors per profile

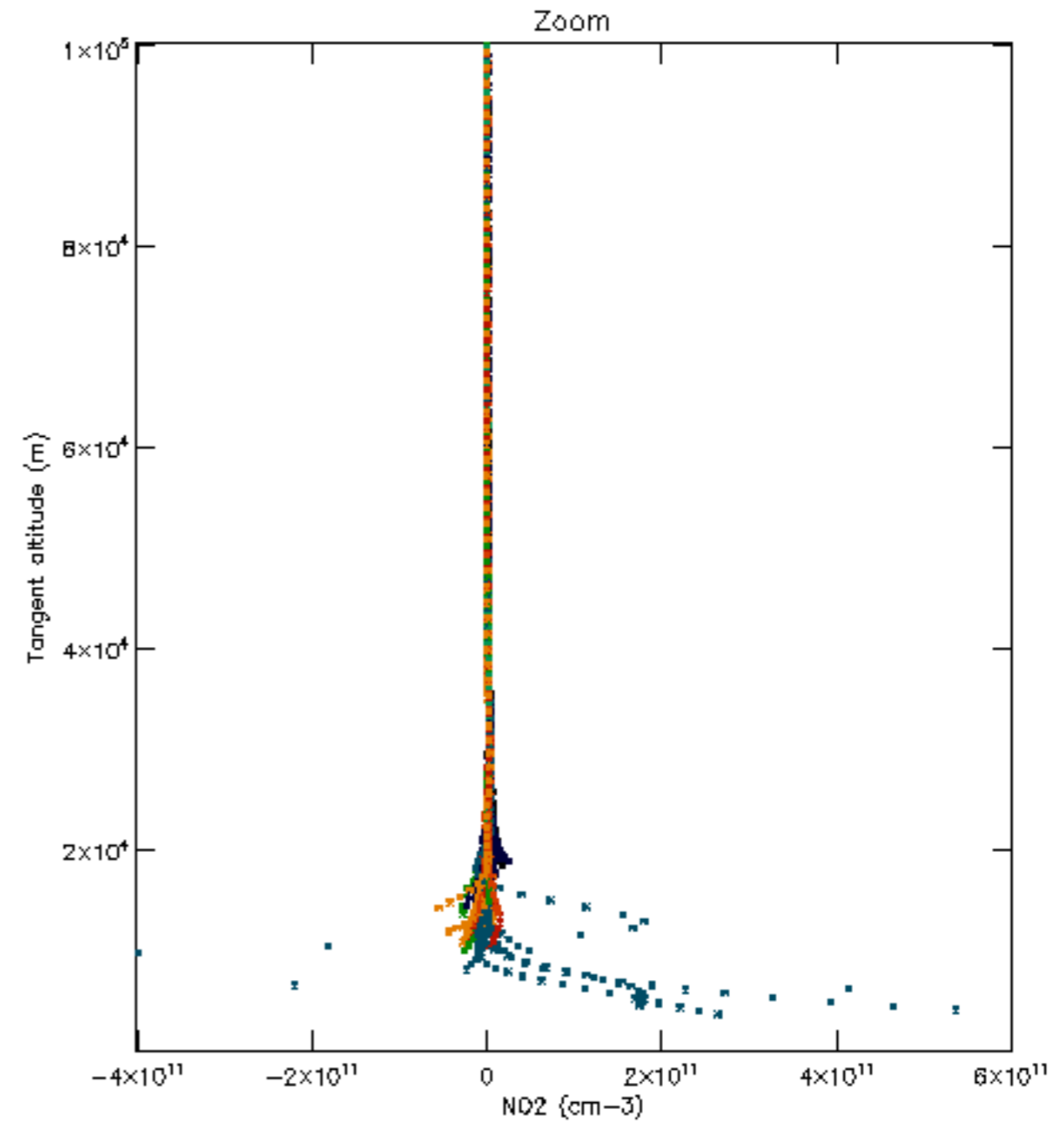
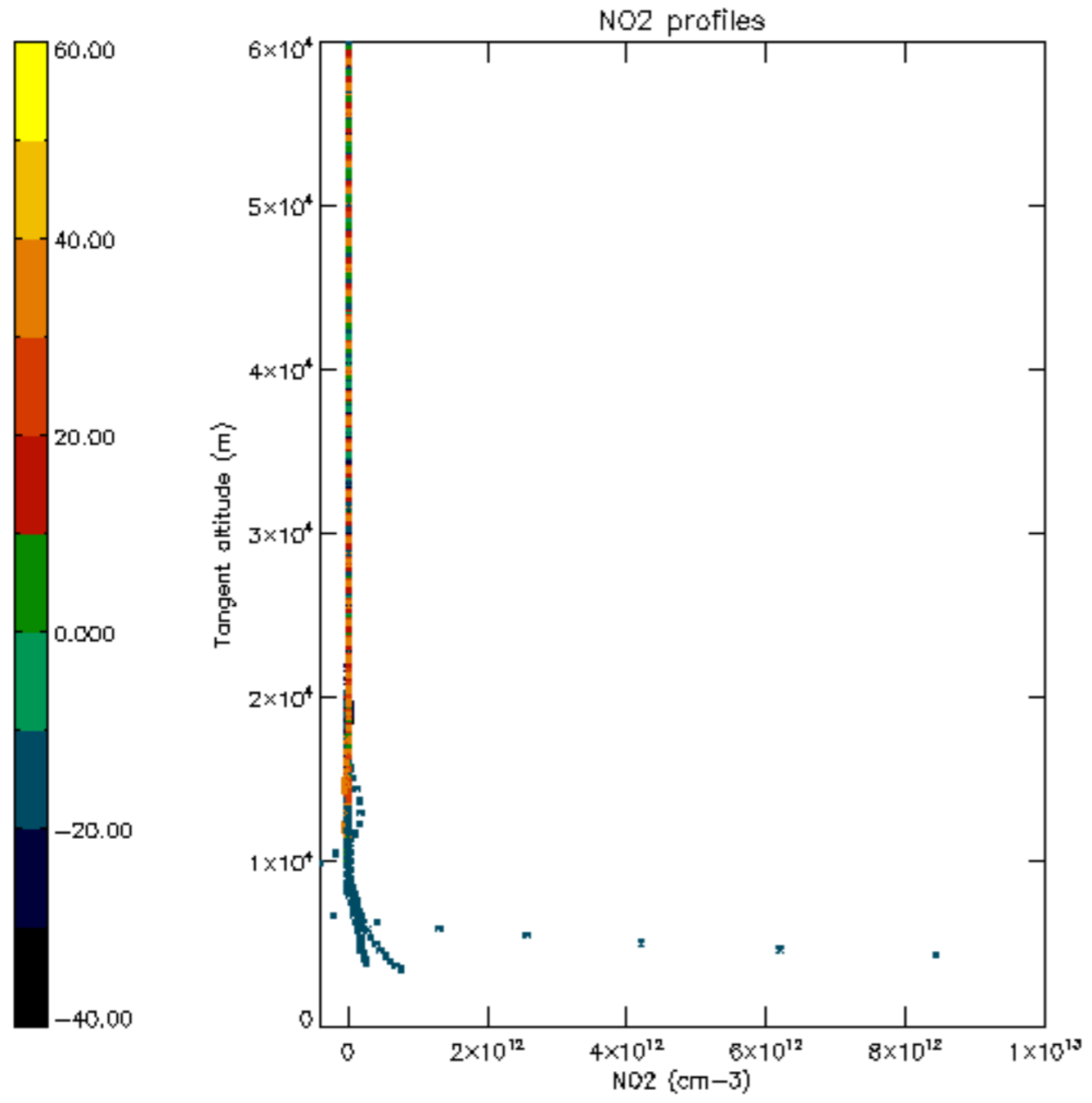


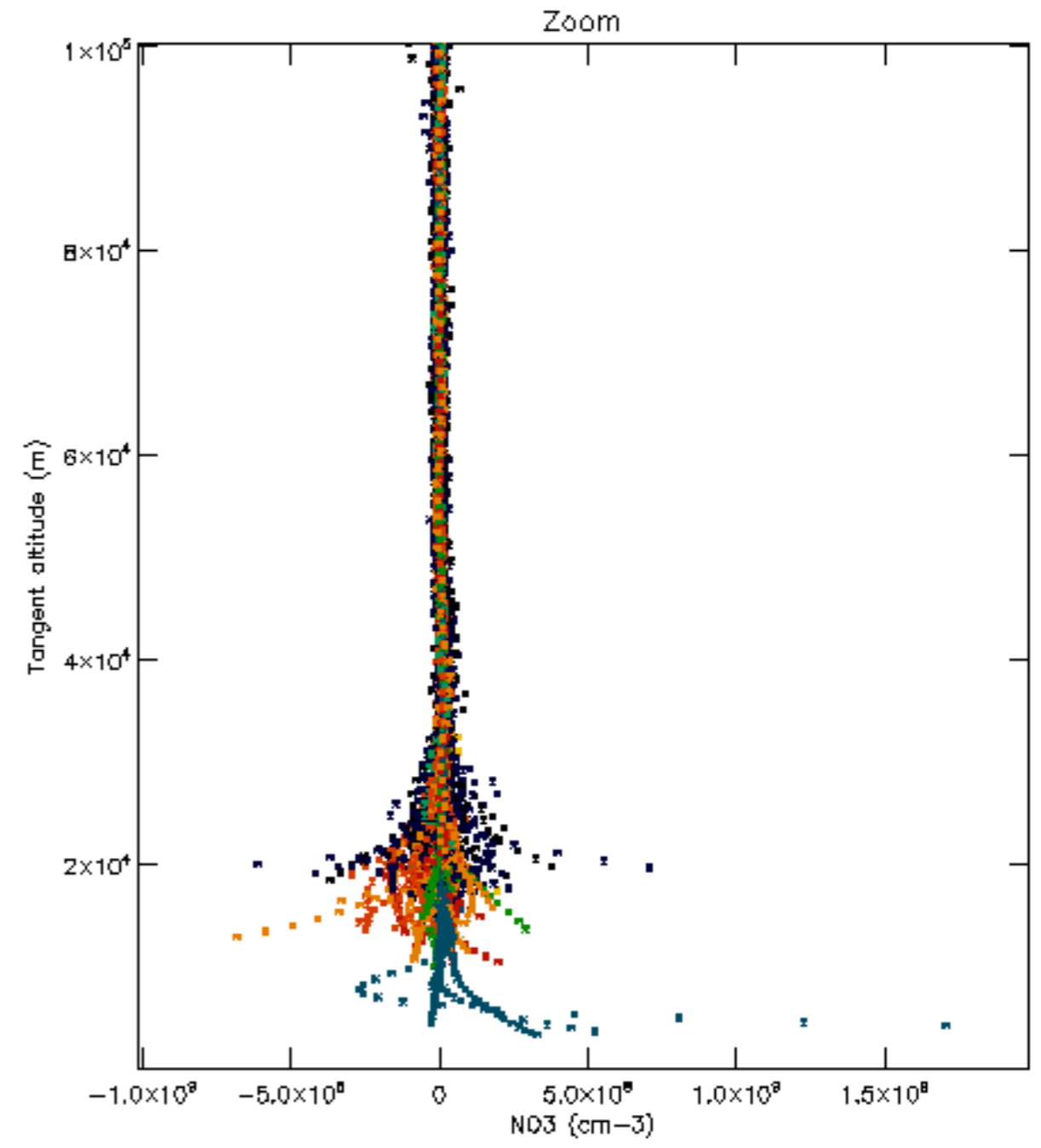
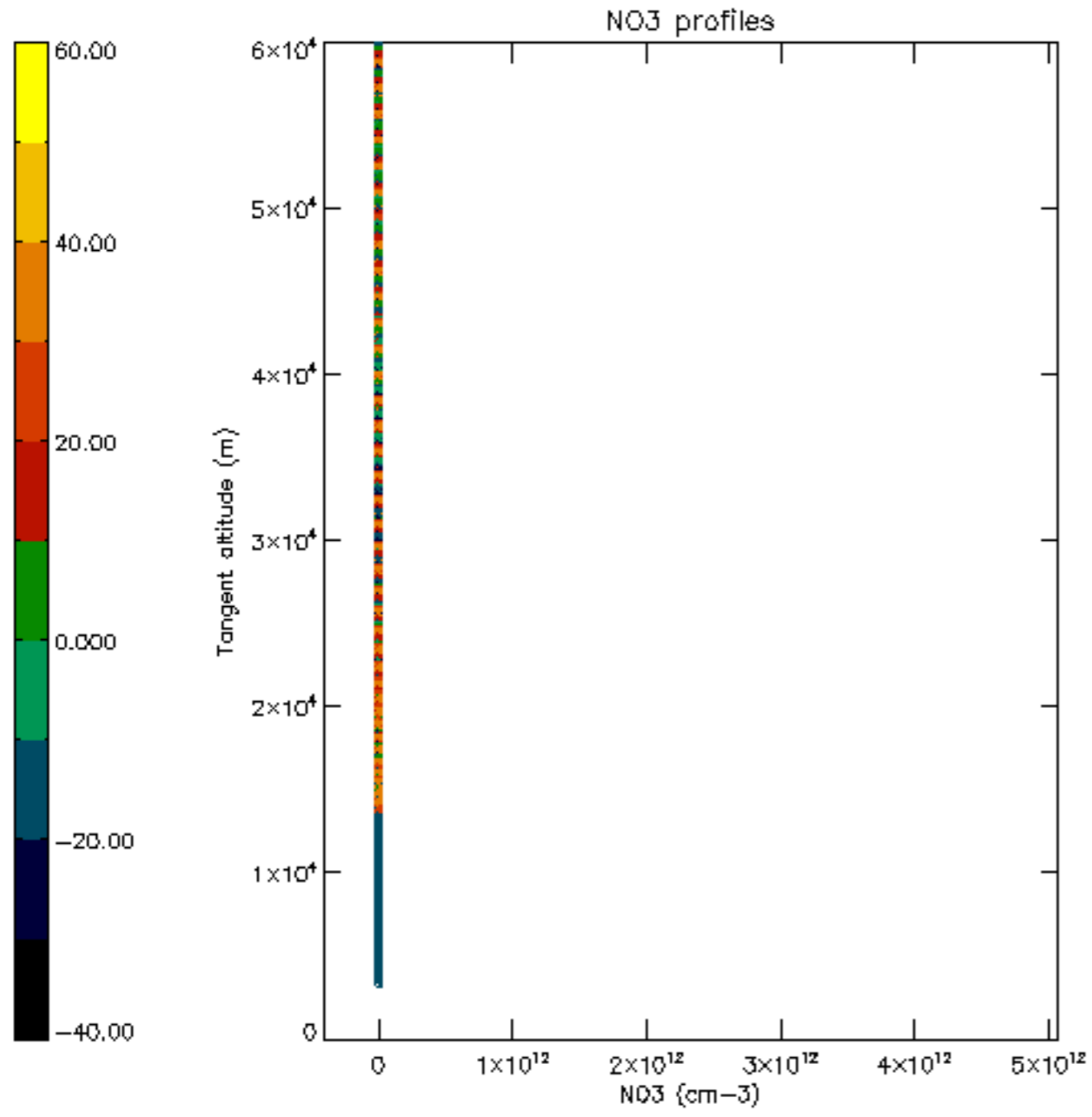


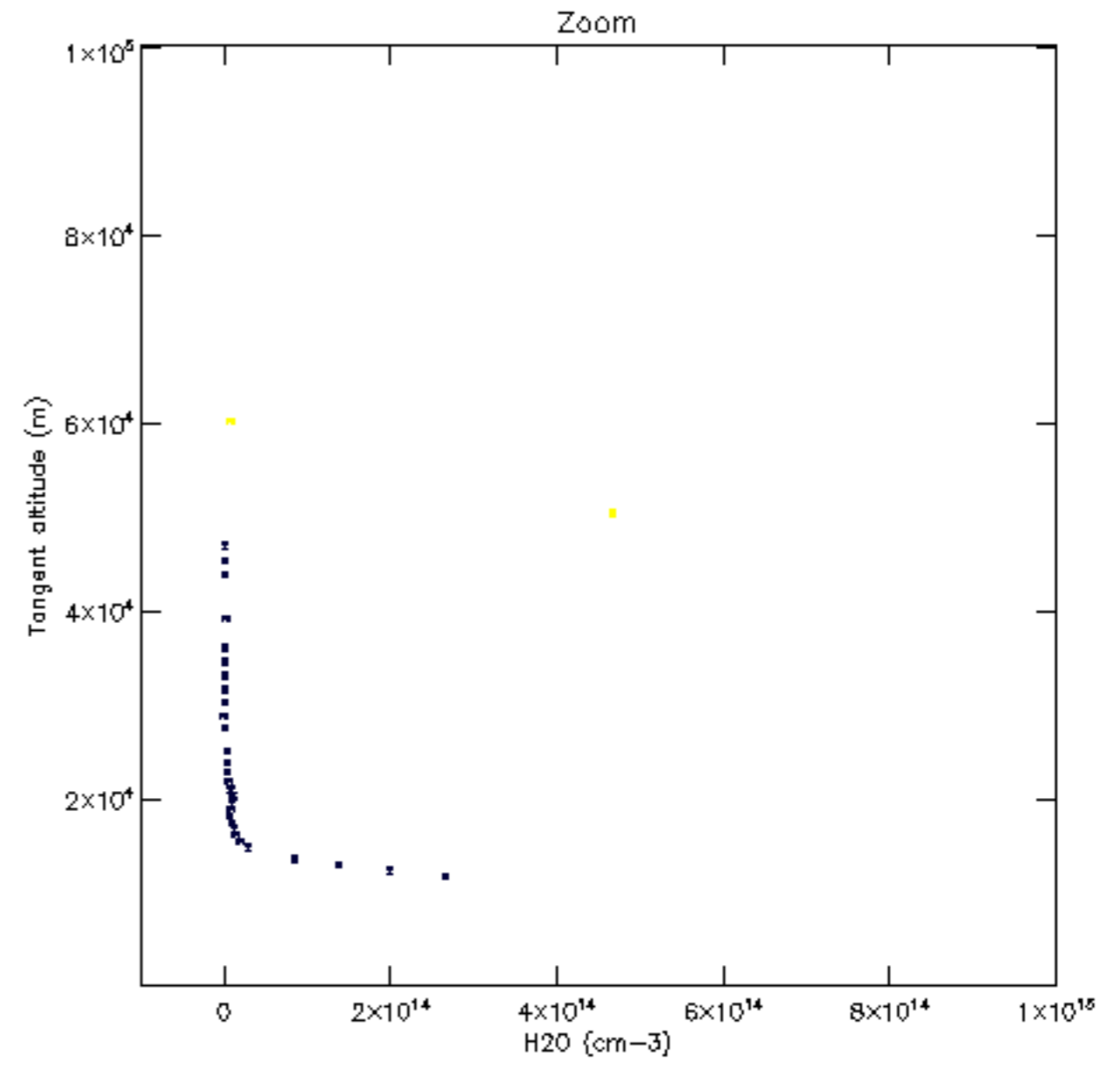
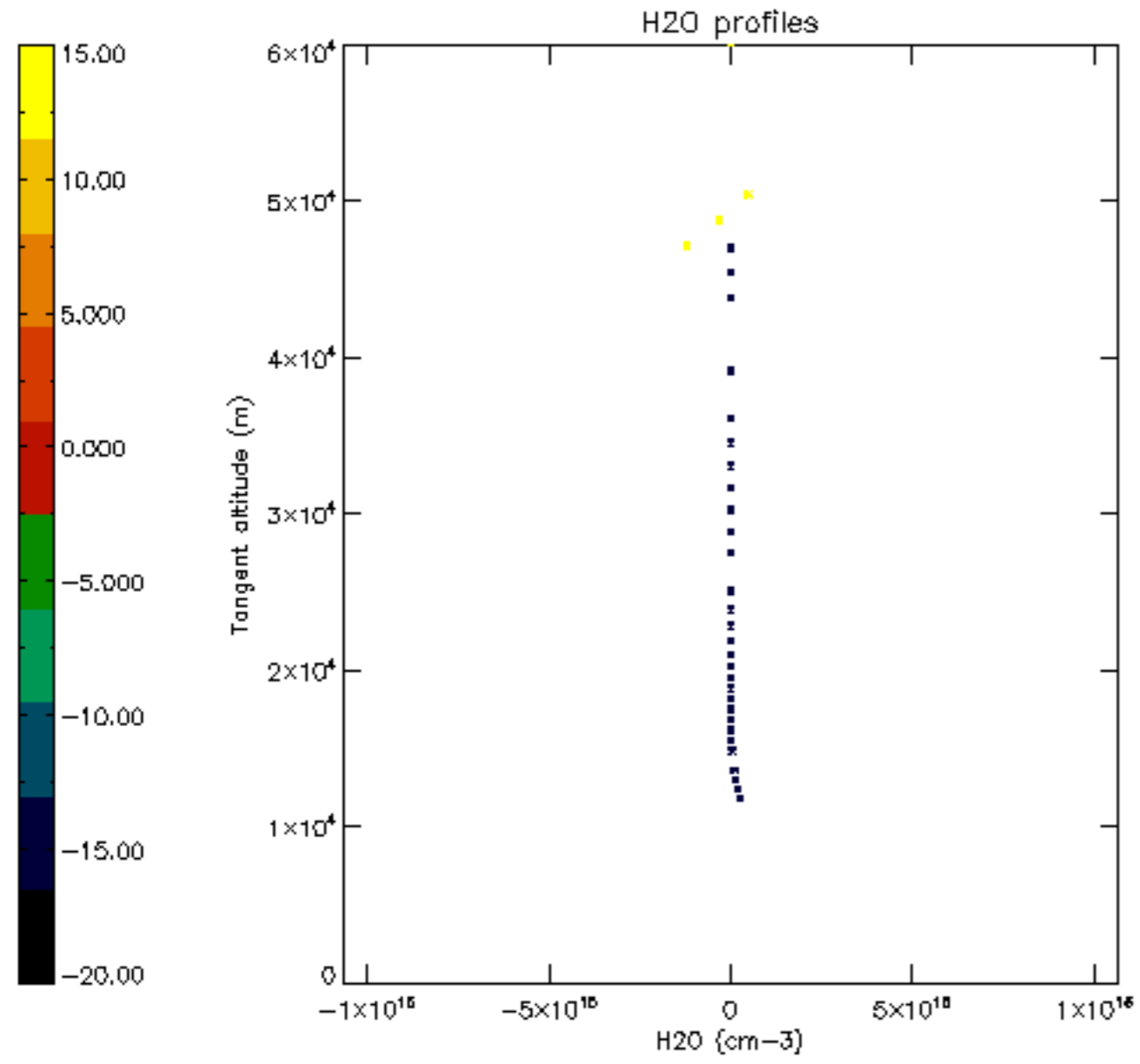


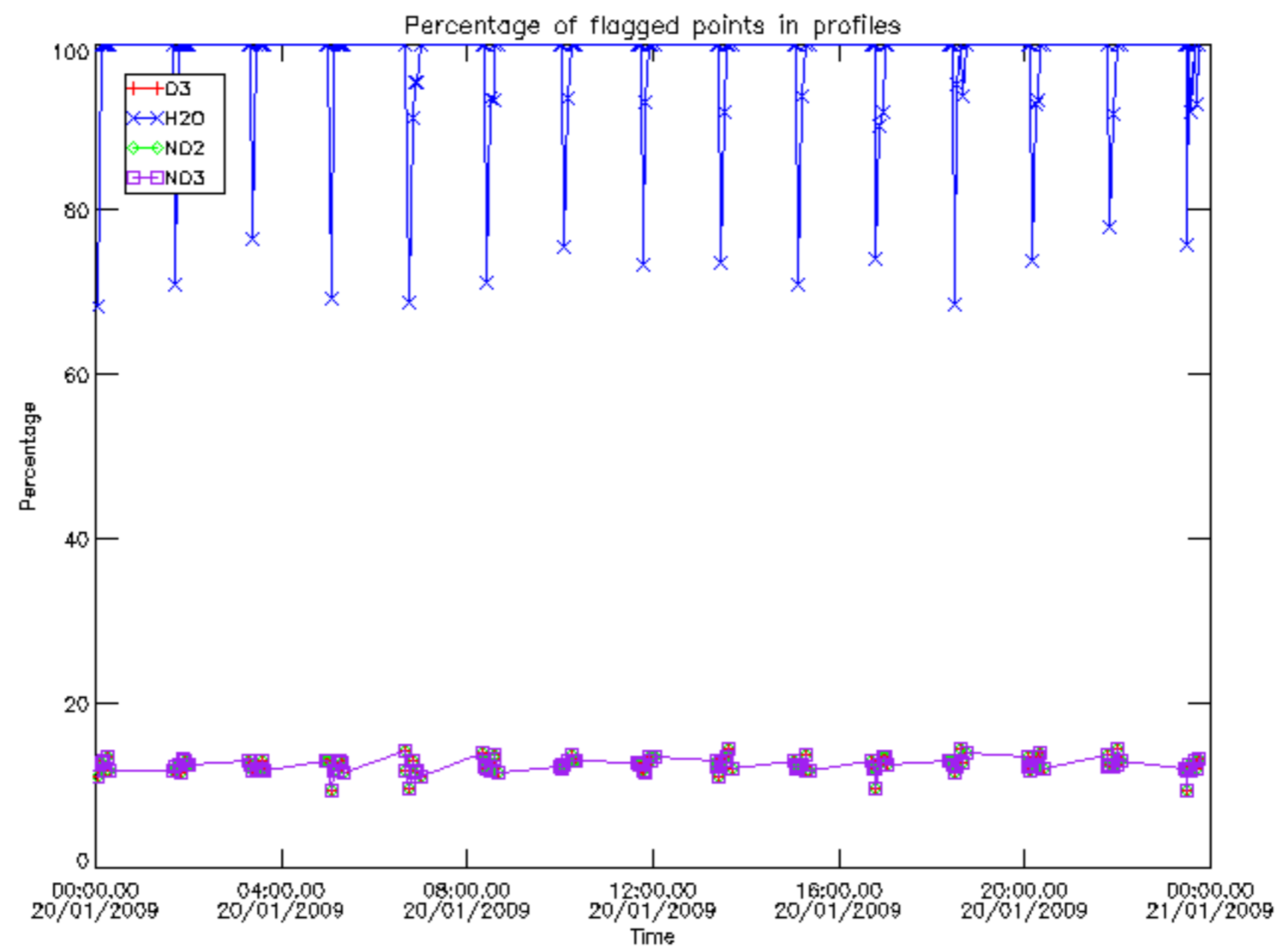




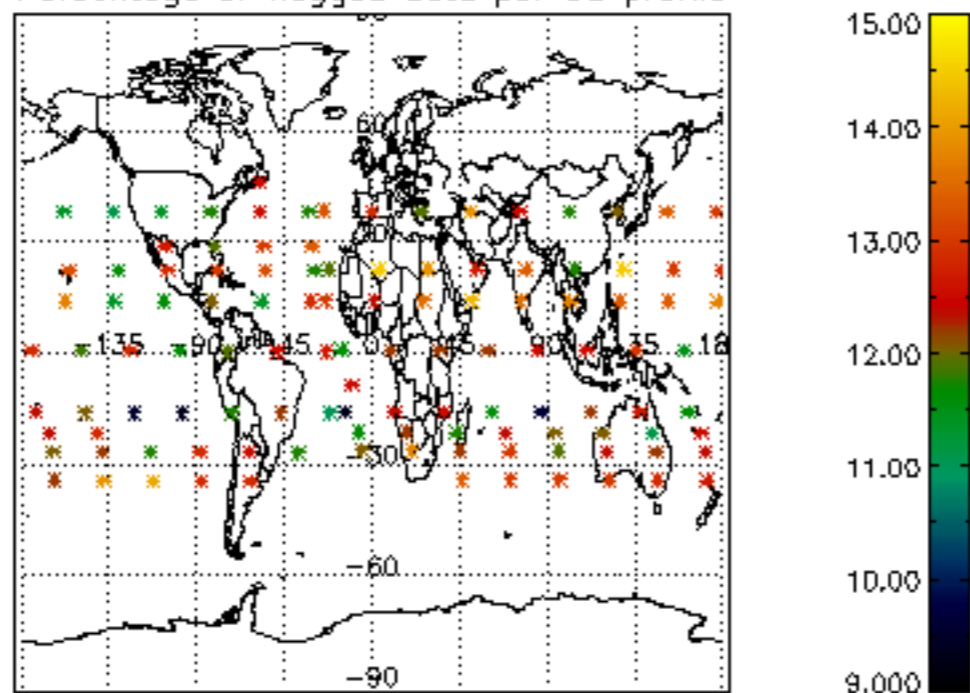




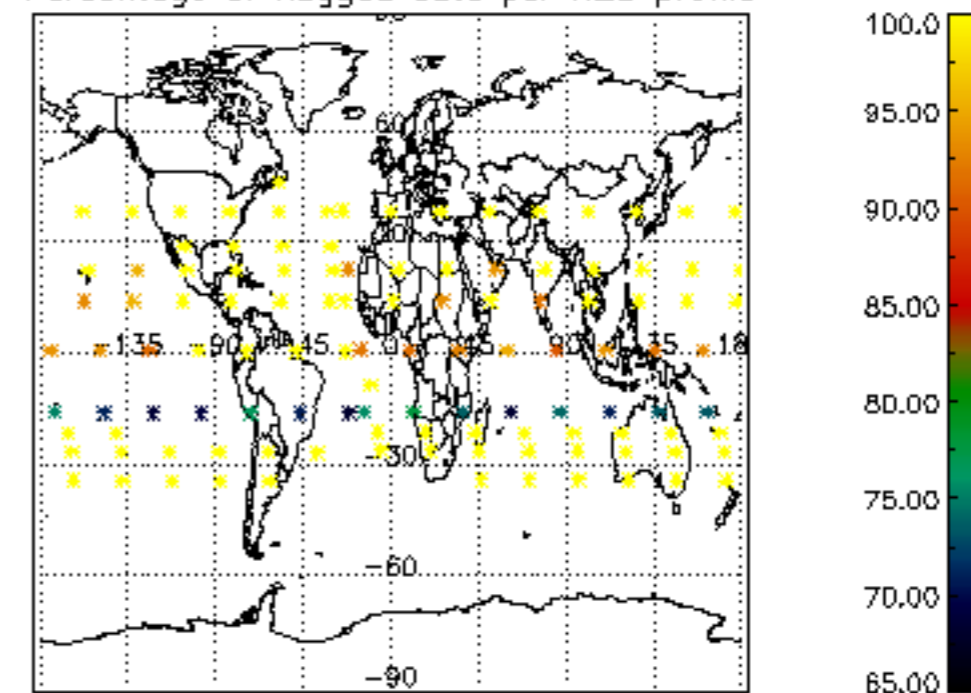




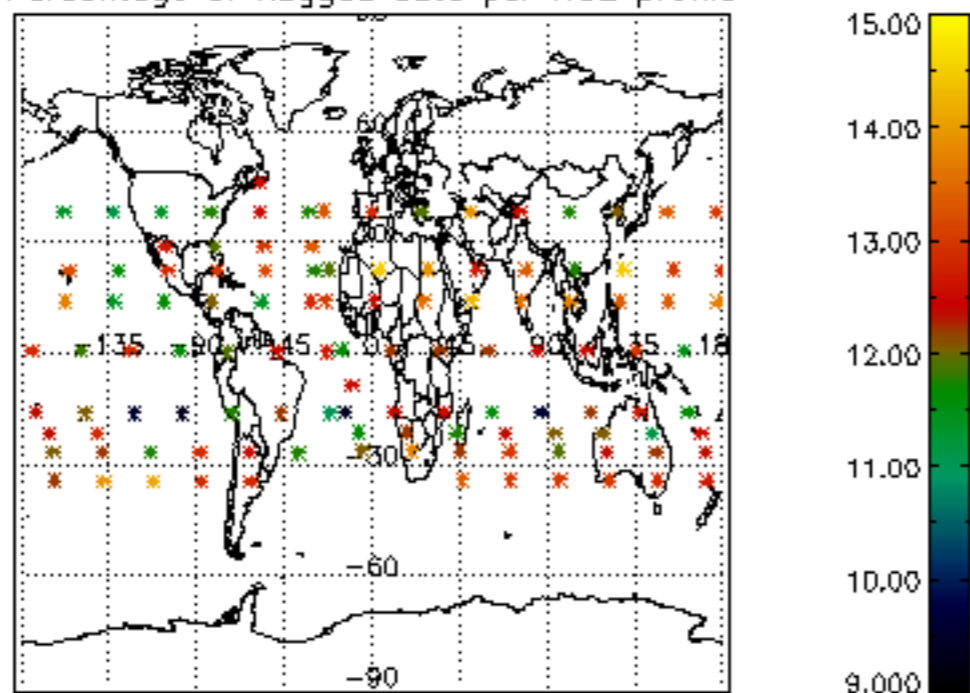
Percentage of flagged data per D3 profile



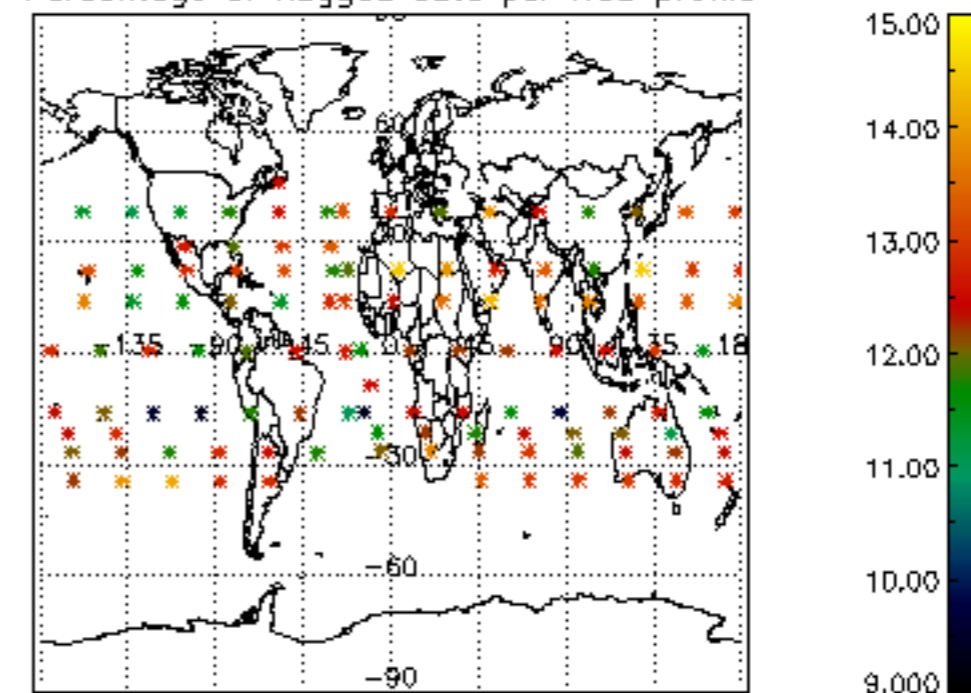
Percentage of flagged data per H2O profile

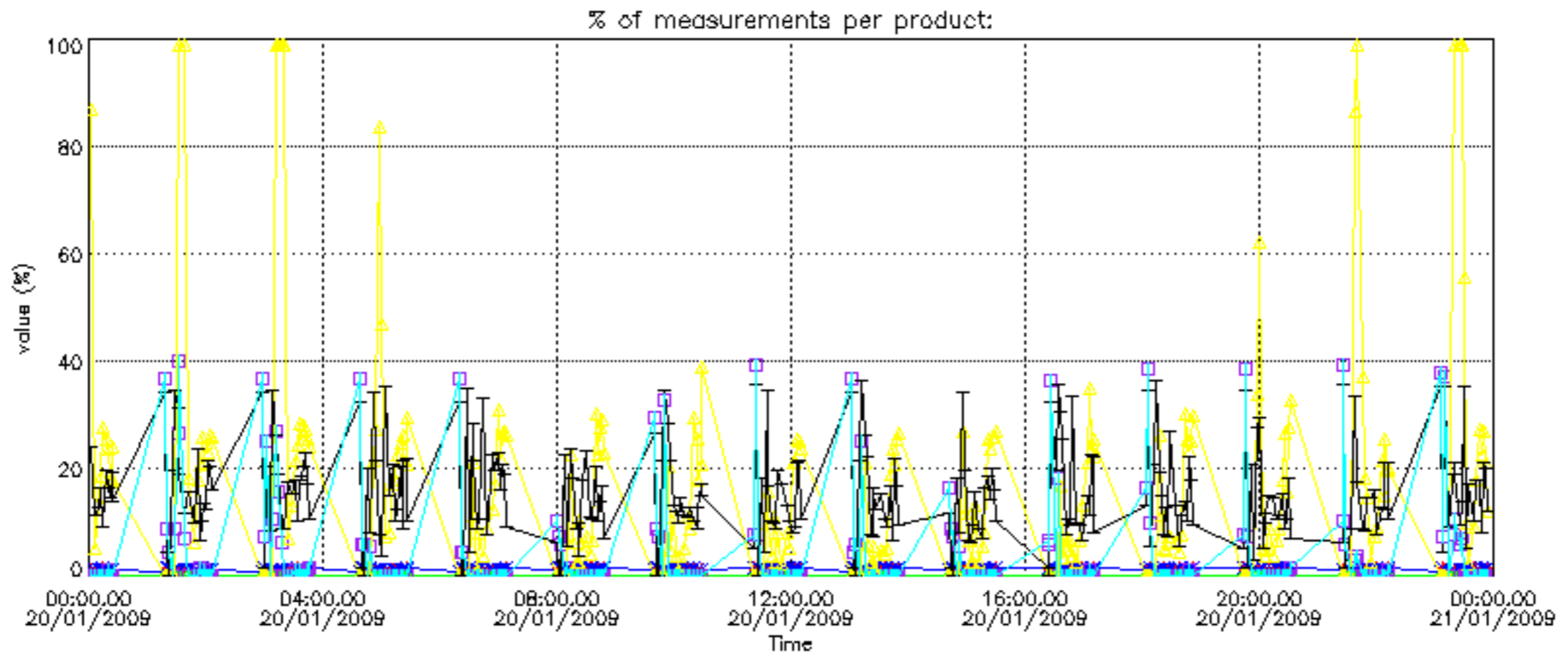


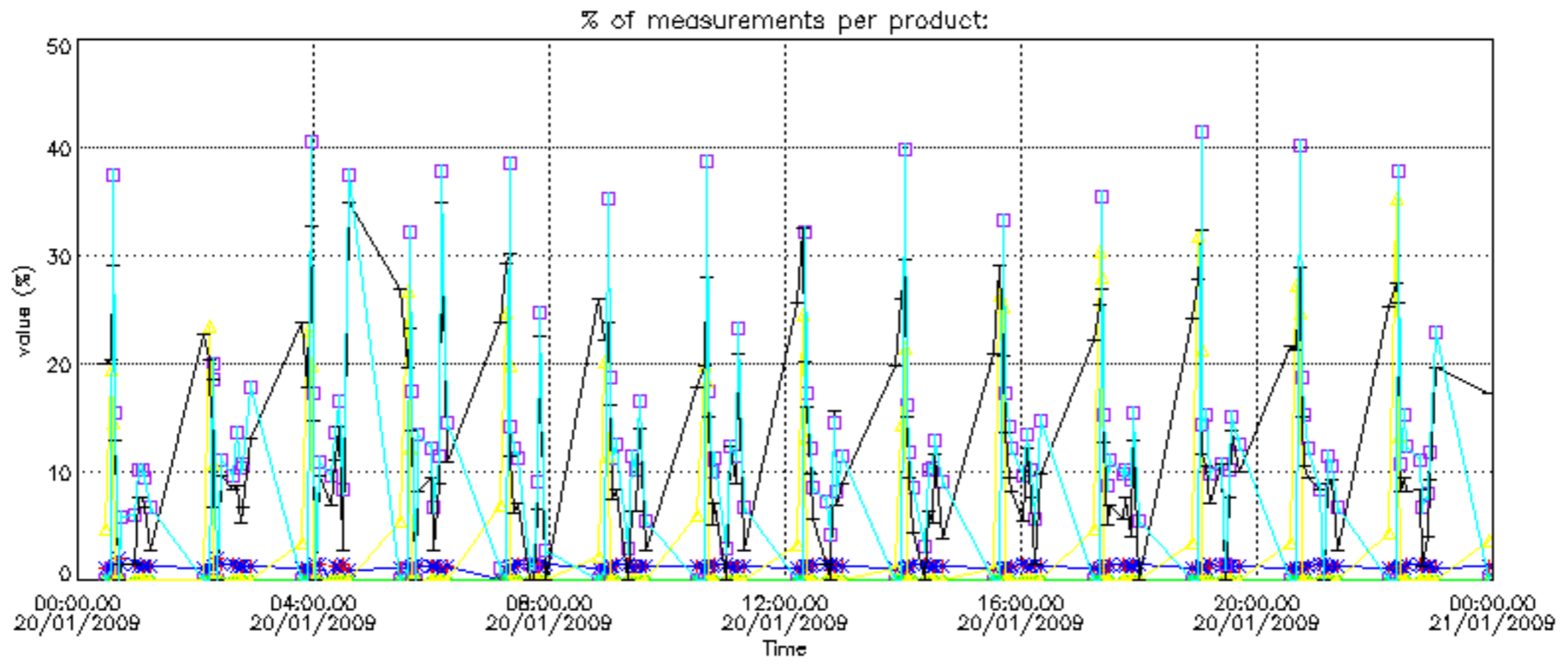
Percentage of flagged data per NO2 profile



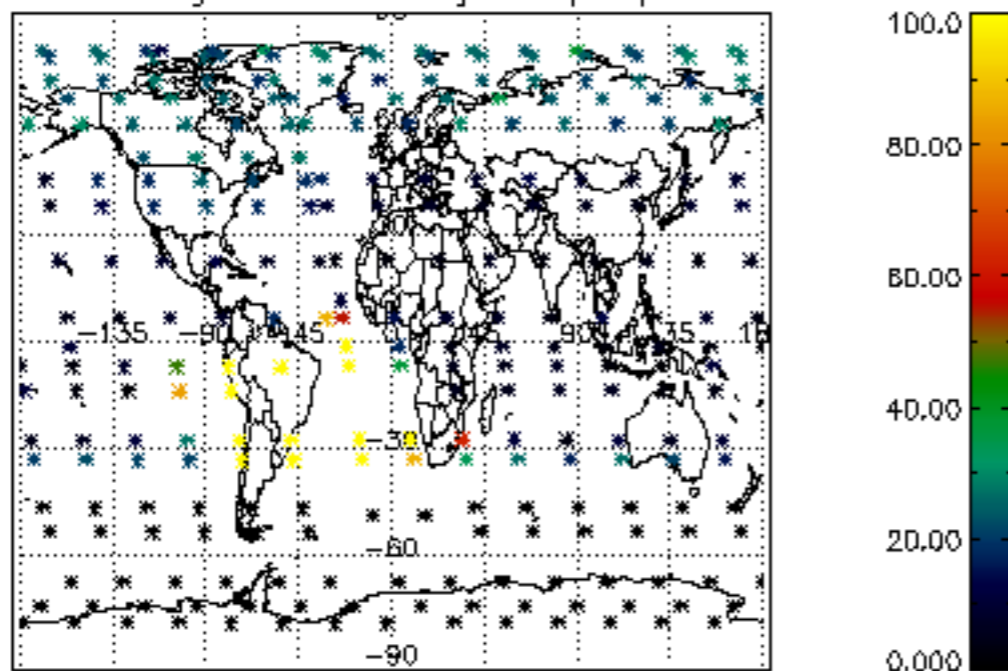
Percentage of flagged data per NO3 profile



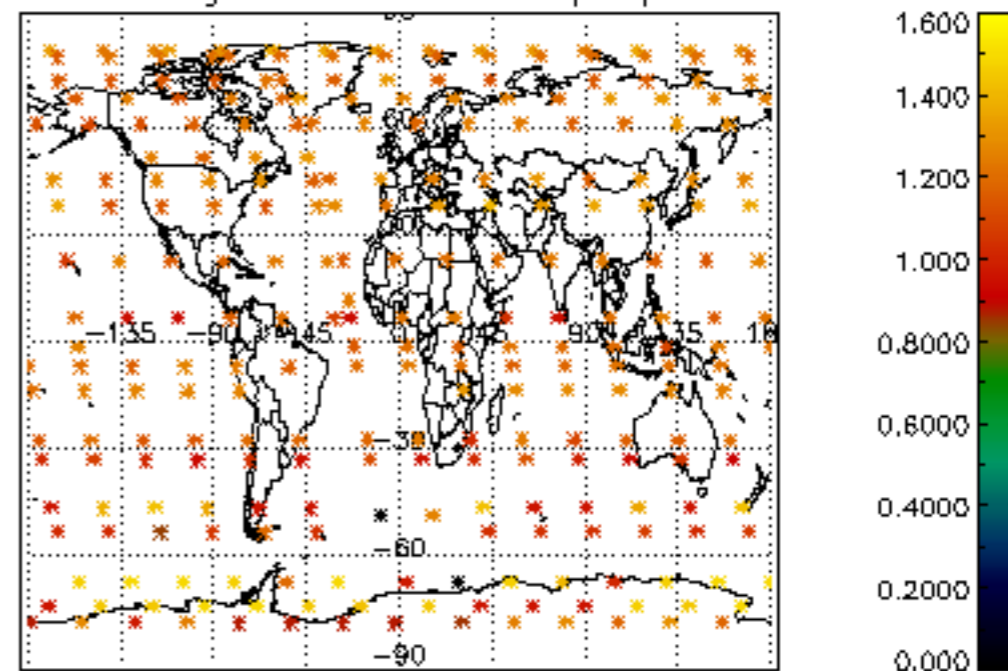




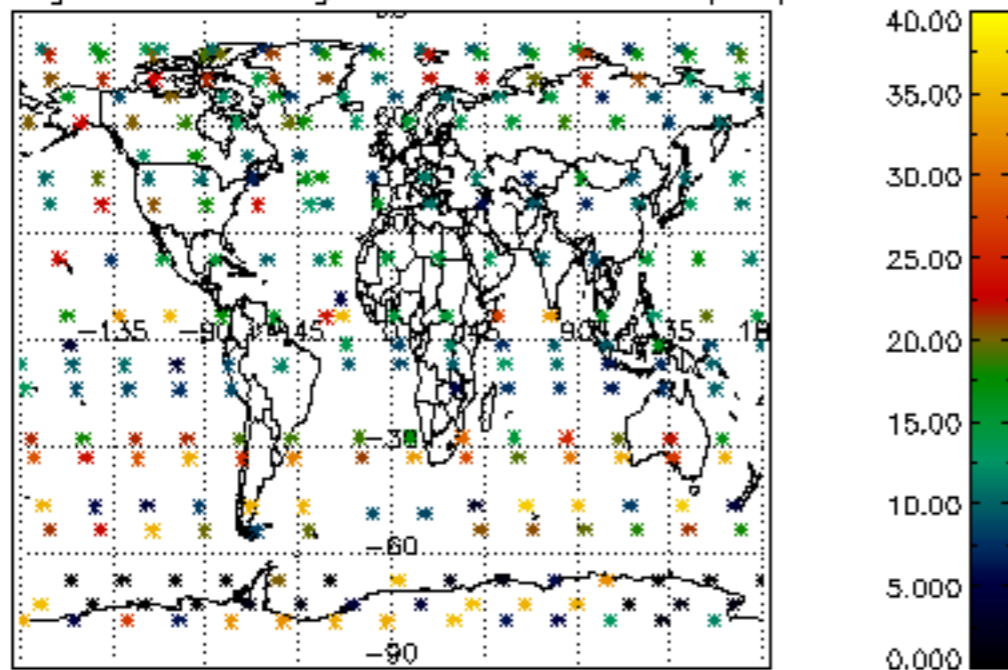
Percentage of cosmic ray hits per profile



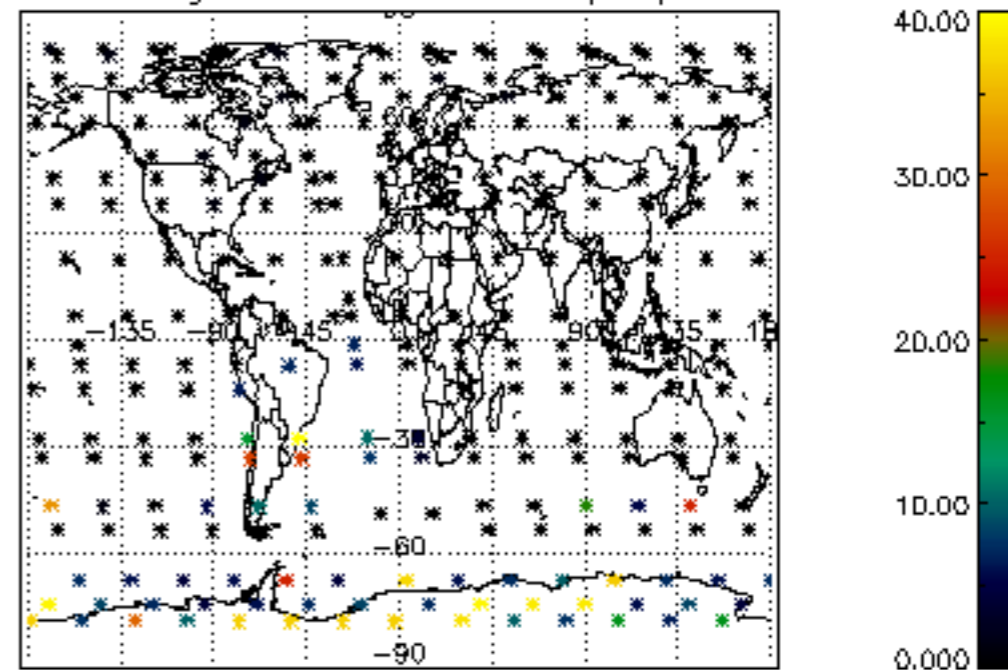
Percentage of datation errors per profile



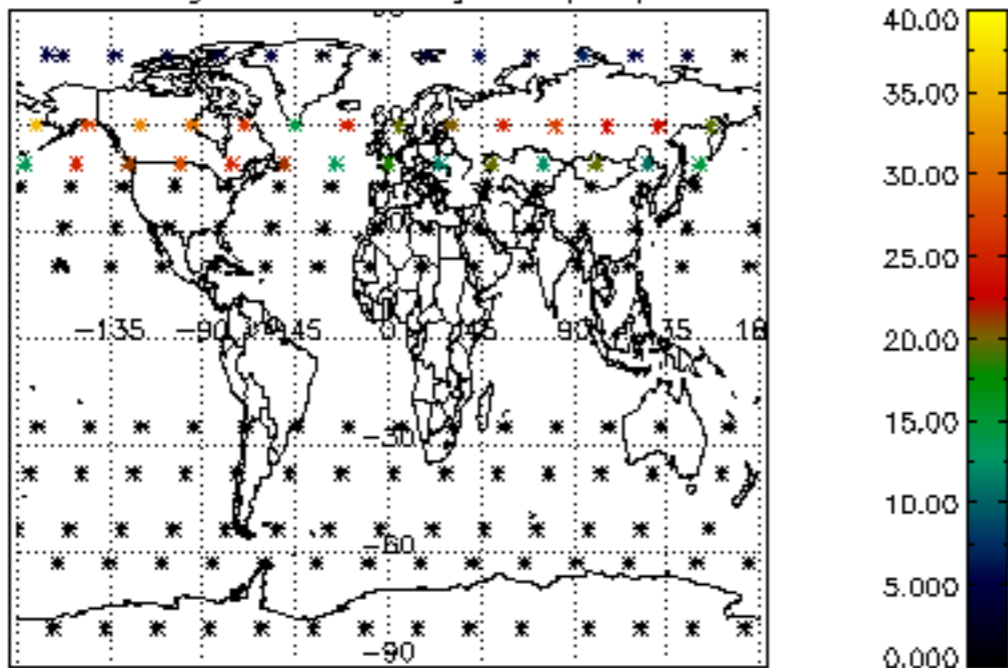
Percentage of star falling outside central band per profile



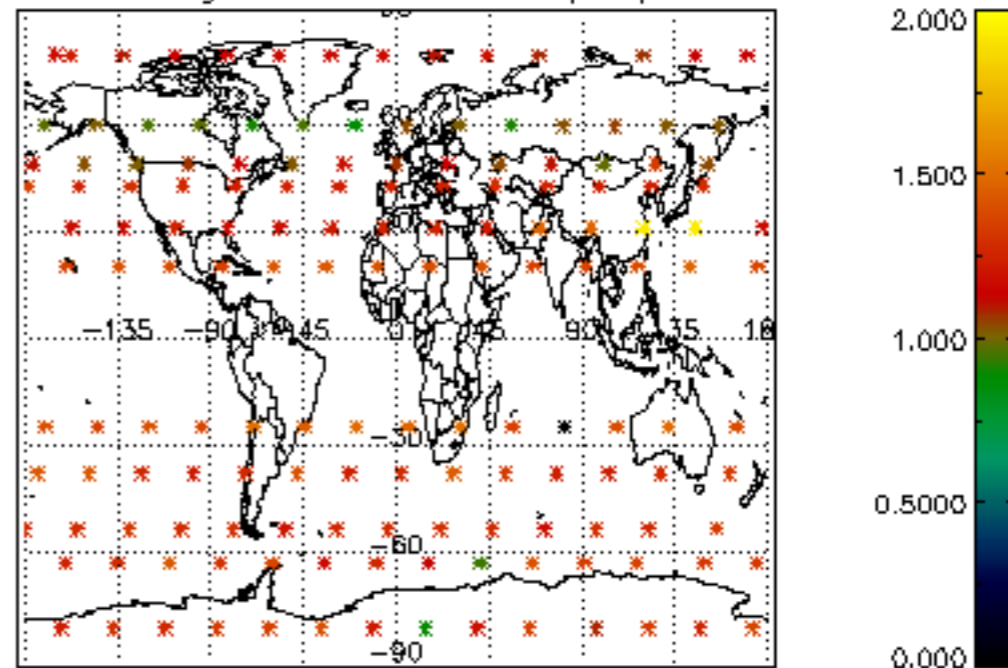
Percentage of saturation errors per profile



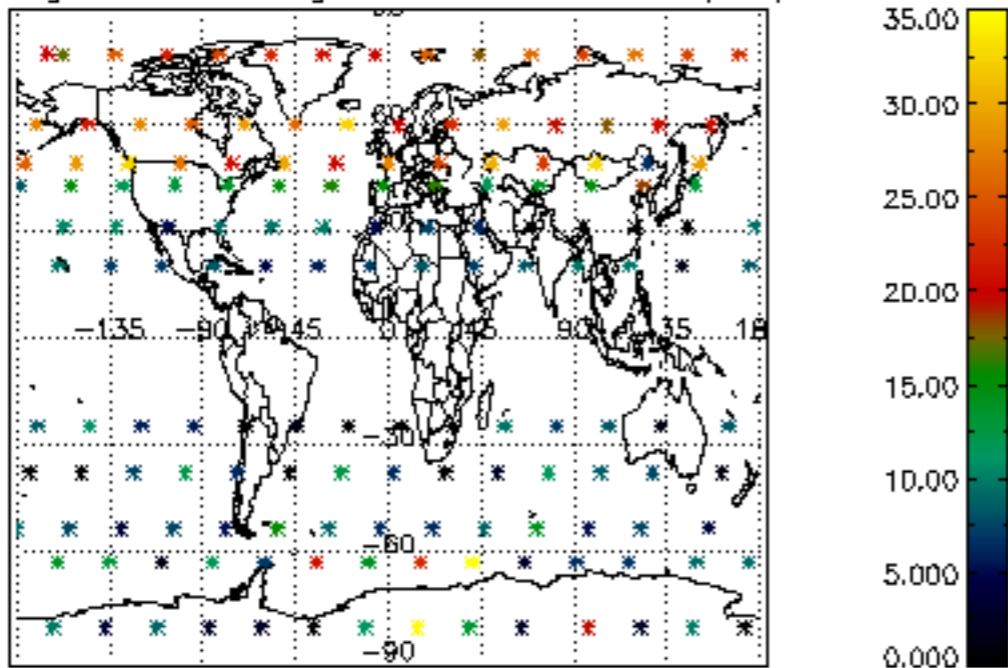
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

