

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 16:55:52
Data source version	GOMOS/6.01
Start time of products	22-01-2009 (22JAN2009 00:00:00)
Stop time of products	23-01-2009 (23JAN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	442
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__2PRFIN20090122_000210_000000392075_00431_36056_6208.N1	22-JAN-2009 00:02:10	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36056	No
2	GOM_NL__2PRFIN20090122_000459_000000382075_00431_36056_6209.N1	22-JAN-2009 00:04:59	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	36056	No
3	GOM_NL__2PRFIN20090122_001122_000000572075_00431_36056_6210.N1	22-JAN-2009 00:11:22	Bright	57.000	133	40Zet Her	2.8070	6000.0	114	36056	No
4	GOM_NL__2PRFIN20090122_001438_000000582075_00431_36056_6211.N1	22-JAN-2009 00:14:38	Bright	58.000	127	27Bet Her	2.7810	4700.0	116	36056	No
5	GOM_NL__2PRFIN20090122_001617_000000522075_00431_36056_6212.N1	22-JAN-2009 00:16:17	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36056	No
6	GOM_NL__2PRFIN20090122_001823_000000352075_00431_36056_6213.N1	22-JAN-2009 00:18:23	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	36056	No
7	GOM_NL__2PRFIN20090122_002355_000000422075_00431_36056_6214.N1	22-JAN-2009 00:23:55	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	36056	No
8	GOM_NL__2PRFIN20090122_002825_000000522075_00431_36056_6215.N1	22-JAN-2009 00:28:25	Twilight	52.000	16	21Alp Sco	1.0200	3000.0	104	36056	No
9	GOM_NL__2PRFIN20090122_002955_000000422075_00431_36056_6216.N1	22-JAN-2009 00:29:55	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	36056	No
10	GOM_NL__2PRFIN20090122_003354_000000402075_00431_36056_6217.N1	22-JAN-2009 00:33:54	Dark	39.500	131	Gam Lup	2.8000	26000.	79	36056	No
11	GOM_NL__2PRFIN20090122_003552_000000432075_00431_36056_6218.N1	22-JAN-2009 00:35:52	Dark	42.500	109	Bet Lup	2.6770	26000.	85	36056	No
12	GOM_NL__2PRFIN20090122_003721_000000432075_00431_36056_6219.N1	22-JAN-2009 00:37:21	Dark	42.500	78	Alp Lup	2.3040	28000.	85	36056	No
13	GOM_NL__2PRFIN20090122_003933_000000512075_00432_36057_6203.N1	22-JAN-2009 00:39:33	Dark	51.000	4	Alp1Cen	-0.010000	5800.0	102	36057	No
14	GOM_NL__2PRFIN20090122_004055_000000422075_00432_36057_6204.N1	22-JAN-2009 00:40:55	Dark	42.000	77	Eps Cen	2.3030	28000.	84	36057	No
15	GOM_NL__2PRFIN20090122_004405_000000412075_00432_36057_6205.N1	22-JAN-2009 00:44:05	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	36057	No
16	GOM_NL__2PRFIN20090122_004528_000000462075_00432_36057_6206.N1	22-JAN-2009 00:45:28	Dark	46.000	99	Del Cen	2.5750	26000.	92	36057	No
17	GOM_NL__2PRFIN20090122_004817_000000382075_00432_36057_6207.N1	22-JAN-2009 00:48:17	Dark	37.500	29	Bet Car	1.6720	10200.	75	36057	No
18	GOM_NL__2PRFIN20090122_005024_000000382075_00432_36057_6208.N1	22-JAN-2009 00:50:24	Dark	38.000	71	lot Car	2.2460	7700.0	76	36057	No
19	GOM_NL__2PRFIN20090122_005452_000000392075_00432_36057_6209.N1	22-JAN-2009 00:54:52	Dark	38.500	34	Gam2Vel	1.7930	23000.	77	36057	No
20	GOM_NL__2PRFIN20090122_005659_000000412075_00432_36057_6210.N1	22-JAN-2009 00:56:59	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	36057	No
21	GOM_NL__2PRFIN20090122_005831_000000432075_00432_36057_6211.N1	22-JAN-2009 00:58:31	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	36057	No
22	GOM_NL__2PRFIN20090122_010100_000000412075_00432_36057_6212.N1	22-JAN-2009 01:01:00	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	36057	No
23	GOM_NL__2PRFIN20090122_010224_000000392075_00432_36057_6213.N1	22-JAN-2009 01:02:24	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	36057	No
24	GOM_NL__2PRFIN20090122_010434_000000442075_00432_36057_6214.N1	22-JAN-2009 01:04:34	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	36057	No
25	GOM_NL__2PRFIN20090122_011050_000000502075_00432_36057_6215.N1	22-JAN-2009 01:10:50	Twilight_stray	50.000	8	10Alp CMi	0.40000	6500.0	100	36057	No
26	GOM_NL__2PRFIN20090122_011358_000000462075_00432_36057_6216.N1	22-JAN-2009 01:13:58	Bright	45.500	44	24Gam Gem	1.9280	11000.	91	36057	No
27	GOM_NL__2PRFIN20090122_011543_000000412075_00432_36057_6217.N1	22-JAN-2009 01:15:43	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	36057	No
28	GOM_NL__2PRFIN20090122_011855_000000422075_00432_36057_6218.N1	22-JAN-2009 01:18:55	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	36057	No
29	GOM_NL__2PRFIN20090122_012205_000000372075_00432_36057_6219.N1	22-JAN-2009 01:22:05	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	36057	No
30	GOM_NL__2PRFIN20090122_013437_000000342075_00432_36057_6220.N1	22-JAN-2009 01:34:37	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	36057	No
31	GOM_NL__2PRFIN20090122_013816_000000412075_00432_36057_6221.N1	22-JAN-2009 01:38:16	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	36057	No
32	GOM_NL__2PRFIN20090122_014246_000000392075_00432_36057_6222.N1	22-JAN-2009 01:42:46	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36057	No
33	GOM_NL__2PRFIN20090122_014535_000000452075_00432_36057_6223.N1	22-JAN-2009 01:45:35	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	36057	No
34	GOM_NL__2PRFIN20090122_015158_000000382075_00432_36057_6224.N1	22-JAN-2009 01:51:58	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	36057	No
35	GOM_NL__2PRFIN20090122_015514_000000402075_00432_36057_6225.N1	22-JAN-2009 01:55:14	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	36057	No
36	GOM_NL__2PRFIN20090122_015653_000000352075_00432_36057_6226.N1	22-JAN-2009 01:56:53	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	36057	No
37	GOM_NL__2PRFIN20090122_015859_000000342075_00432_36057_6227.N1	22-JAN-2009 01:58:59	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36057	No
38	GOM_NL__2PRFIN20090122_020432_000000422075_00432_36057_6228.N1	22-JAN-2009 02:04:32	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	36057	No
39	GOM_NL__2PRFIN20090122_020901_000000552075_00432_36057_6229.N1	22-JAN-2009 02:09:01	Twilight	55.000	16	21Alp Sco	1.0200	3000.0	110	36057	No
40	GOM_NL__2PRFIN20090122_021629_000000422075_00432_36057_6230.N1	22-JAN-2009 02:16:29	Dark	42.000	109	Bet Lup	2.6770	26000.	84	36057	No
41	GOM_NL__2PRFIN20090122_021757_000000412075_00432_36057_6231.N1	22-JAN-2009 02:17:57	Dark	41.000	78	Alp Lup	2.3040	28000.	82	36057	No
42	GOM_NL__2PRFIN20090122_022010_000000422075_00433_36058_6217.N1	22-JAN-2009 02:20:10	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	36058	No

43	GOM_NL__2PRFIN20090122_022131_000000422075_00433_36058_6218.N1	22-JAN-2009 02:21:31	Dark	42.000	77	Eps Cen	2.3030	28000.	84	36058	No
44	GOM_NL__2PRFIN20090122_022441_000000442075_00433_36058_6219.N1	22-JAN-2009 02:24:41	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	36058	No
45	GOM_NL__2PRFIN20090122_022604_000000462075_00433_36058_6220.N1	22-JAN-2009 02:26:04	Dark	46.000	99	Del Cen	2.5750	26000.	92	36058	No
46	GOM_NL__2PRFIN20090122_022853_000000382075_00433_36058_6221.N1	22-JAN-2009 02:28:53	Dark	37.500	29	Bet Car	1.6720	10200.	75	36058	No
47	GOM_NL__2PRFIN20090122_023101_000000382075_00433_36058_6222.N1	22-JAN-2009 02:31:01	Dark	38.000	71	lot Car	2.2460	7700.0	76	36058	No
48	GOM_NL__2PRFIN20090122_023528_000000402075_00433_36058_6223.N1	22-JAN-2009 02:35:28	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	36058	No
49	GOM_NL__2PRFIN20090122_023736_000000432075_00433_36058_6224.N1	22-JAN-2009 02:37:36	Straylight	42.500	70	Zet Pup	2.2460	39000.	85	36058	No
50	GOM_NL__2PRFIN20090122_023907_000000452075_00433_36058_6225.N1	22-JAN-2009 02:39:07	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	36058	No
51	GOM_NL__2PRFIN20090122_024136_000000432075_00433_36058_6226.N1	22-JAN-2009 02:41:36	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	36058	No
52	GOM_NL__2PRFIN20090122_024300_000000372075_00433_36058_6227.N1	22-JAN-2009 02:43:00	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	36058	No
53	GOM_NL__2PRFIN20090122_024509_000000452075_00433_36058_6228.N1	22-JAN-2009 02:45:09	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	36058	No
54	GOM_NL__2PRFIN20090122_025126_000000492075_00433_36058_6229.N1	22-JAN-2009 02:51:26	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	36058	No
55	GOM_NL__2PRFIN20090122_025434_000000472075_00433_36058_6230.N1	22-JAN-2009 02:54:34	Bright	47.000	44	24Gam Gem	1.9280	11000.	94	36058	No
56	GOM_NL__2PRFIN20090122_025619_000000432075_00433_36058_6231.N1	22-JAN-2009 02:56:19	Bright	43.000	151	13Mu Gem	2.8900	3000.0	86	36058	No
57	GOM_NL__2PRFIN20090122_025931_000000422075_00433_36058_6232.N1	22-JAN-2009 02:59:31	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	36058	No
58	GOM_NL__2PRFIN20090122_030241_000000372075_00433_36058_6233.N1	22-JAN-2009 03:02:41	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	36058	No
59	GOM_NL__2PRFIN20090122_031513_000000342075_00433_36058_6234.N1	22-JAN-2009 03:15:13	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	36058	No
60	GOM_NL__2PRFIN20090122_031852_000000392075_00433_36058_6235.N1	22-JAN-2009 03:18:52	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	36058	No
61	GOM_NL__2PRFIN20090122_032322_000000392075_00433_36058_6236.N1	22-JAN-2009 03:23:22	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36058	No
62	GOM_NL__2PRFIN20090122_032611_000000532075_00433_36058_6237.N1	22-JAN-2009 03:26:11	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	36058	No
63	GOM_NL__2PRFIN20090122_033234_000000572075_00433_36058_6238.N1	22-JAN-2009 03:32:34	Bright	57.000	133	40Zet Her	2.8070	6000.0	114	36058	No
64	GOM_NL__2PRFIN20090122_033550_000000512075_00433_36058_6239.N1	22-JAN-2009 03:35:50	Bright	50.500	127	27Bet Her	2.7810	4700.0	101	36058	No
65	GOM_NL__2PRFIN20090122_033729_000000352075_00433_36058_6240.N1	22-JAN-2009 03:37:29	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	36058	No
66	GOM_NL__2PRFIN20090122_033935_000000522075_00433_36058_6241.N1	22-JAN-2009 03:39:35	Bright	52.000	126	60Bet Oph	2.7700	4250.0	104	36058	No
67	GOM_NL__2PRFIN20090122_034508_000000422075_00433_36058_6242.N1	22-JAN-2009 03:45:08	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	36058	No
68	GOM_NL__2PRFIN20090122_034938_000000462075_00433_36058_6243.N1	22-JAN-2009 03:49:38	Twilight	45.500	16	21Alp Sco	1.0200	3000.0	91	36058	No
69	GOM_NL__2PRFIN20090122_035108_000000412075_00433_36058_6244.N1	22-JAN-2009 03:51:08	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	36058	No
70	GOM_NL__2PRFIN20090122_035834_000000412075_00433_36058_6245.N1	22-JAN-2009 03:58:34	Dark	41.000	78	Alp Lup	2.3040	28000.	82	36058	No
71	GOM_NL__2PRFIN20090122_040046_000000552075_00434_36059_6225.N1	22-JAN-2009 04:00:46	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	36059	No
72	GOM_NL__2PRFIN20090122_040208_000000422075_00434_36059_6226.N1	22-JAN-2009 04:02:08	Dark	41.500	77	Eps Cen	2.3030	28000.	83	36059	No
73	GOM_NL__2PRFIN20090122_040518_000000412075_00434_36059_6227.N1	22-JAN-2009 04:05:18	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	36059	No
74	GOM_NL__2PRFIN20090122_040641_000000452075_00434_36059_6228.N1	22-JAN-2009 04:06:41	Dark	45.000	99	Del Cen	2.5750	26000.	90	36059	No
75	GOM_NL__2PRFIN20090122_040930_000000382075_00434_36059_6229.N1	22-JAN-2009 04:09:30	Dark	37.500	29	Bet Car	1.6720	10200.	75	36059	No
76	GOM_NL__2PRFIN20090122_041137_000000382075_00434_36059_6230.N1	22-JAN-2009 04:11:37	Dark	37.500	71	lot Car	2.2460	7700.0	75	36059	No
77	GOM_NL__2PRFIN20090122_041604_000000402075_00434_36059_6231.N1	22-JAN-2009 04:16:04	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	36059	No
78	GOM_NL__2PRFIN20090122_041811_000000412075_00434_36059_6232.N1	22-JAN-2009 04:18:11	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	36059	No
79	GOM_NL__2PRFIN20090122_041943_000000432075_00434_36059_6233.N1	22-JAN-2009 04:19:43	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	36059	No
80	GOM_NL__2PRFIN20090122_042212_000000382075_00434_36059_6234.N1	22-JAN-2009 04:22:12	Straylight	38.000	23	21Eps CMa	1.5020	26000.	76	36059	No
81	GOM_NL__2PRFIN20090122_042336_000000402075_00434_36059_6235.N1	22-JAN-2009 04:23:36	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	36059	No
82	GOM_NL__2PRFIN20090122_042546_000000452075_00434_36059_6236.N1	22-JAN-2009 04:25:46	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	36059	No
83	GOM_NL__2PRFIN20090122_043202_000000482075_00434_36059_6237.N1	22-JAN-2009 04:32:02	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	36059	No
84	GOM_NL__2PRFIN20090122_043510_000000452075_00434_36059_6238.N1	22-JAN-2009 04:35:10	Bright	44.500	44	24Gam Gem	1.9280	11000.	89	36059	No
85	GOM_NL__2PRFIN20090122_043655_000000372075_00434_36059_6239.N1	22-JAN-2009 04:36:55	Bright	37.000	151	13Mu Gem	2.8900	3000.0	74	36059	No
86	GOM_NL__2PRFIN20090122_044006_000000412075_00434_36059_6240.N1	22-JAN-2009 04:40:06	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	36059	No
87	GOM_NL__2PRFIN20090122_044317_000000362075_00434_36059_6241.N1	22-JAN-2009 04:43:17	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	36059	No
88	GOM_NL__2PRFIN20090122_045550_000000362075_00434_36059_6242.N1	22-JAN-2009 04:55:50	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36059	No
89	GOM_NL__2PRFIN20090122_045928_000000512075_00434_36059_6243.N1	22-JAN-2009 04:59:28	Bright	50.500	60	7Bet UMi	2.0810	3950.0	101	36059	No
90	GOM_NL__2PRFIN20090122_050358_000000362075_00434_36059_6244.N1	22-JAN-2009 05:03:58	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	36059	No
91	GOM_NL__2PRFIN20090122_050647_000000362075_00434_36059_6245.N1	22-JAN-2009 05:06:47	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	36059	No
92	GOM_NL__2PRFIN20090122_051311_000000412075_00434_36059_6246.N1	22-JAN-2009 05:13:11	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	36059	No
93	GOM_NL__2PRFIN20090122_051627_000000422075_00434_36059_6247.N1	22-JAN-2009 05:16:27	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	36059	No
94	GOM_NL__2PRFIN20090122_051805_000000352075_00434_36059_6248.N1	22-JAN-2009 05:18:05	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	36059	No
95	GOM_NL__2PRFIN20090122_052012_000000342075_00434_36059_6249.N1	22-JAN-2009 05:20:12	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	36059	No
96	GOM_NL__2PRFIN20090122_052544_000000442075_00434_36059_6250.N1	22-JAN-2009 05:25:44	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	36059	No
97	GOM_NL__2PRFIN20090122_053014_000000532075_00434_36059_6251.N1	22-JAN-2009 05:30:14	Twilight	53.000	16	21Alp Sco	1.0200	3000.0	106	36059	No
98	GOM_NL__2PRFIN20090122_053144_000000472075_00434_36059_6252.N1	22-JAN-2009 05:31:44	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	36059	No
99	GOM_NL__2PRFIN20090122_053544_000000402075_00434_36059_6253.N1	22-JAN-2009 05:35:44	Dark	39.500	131	Gam Lup	2.8000	26000.	79	36059	No
100	GOM_NL__2PRFIN20090122_053741_000000422075_00434_36059_6254.N1	22-JAN-2009 05:37:41	Dark	41.500	109	Bet Lup	2.6770	26000.	83	36059	No
101	GOM_NL__2PRFIN20090122_053911_000000412075_00434_36059_6255.N1	22-JAN-2009 05:39:11	Dark	41.000	78	Alp Lup	2.3040	28000.	82	36059	No

102	GOM_NL__2PRFIN20090122_054123_000000542075_00435_36060_6236.N1	22-JAN-2009 05:41:23	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	36060	No
103	GOM_NL__2PRFIN20090122_054245_000000422075_00435_36060_6237.N1	22-JAN-2009 05:42:45	Dark	42.000	77	Eps Cen	2.3030	28000.	84	36060	No
104	GOM_NL__2PRFIN20090122_054555_000000402075_00435_36060_6238.N1	22-JAN-2009 05:45:55	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	36060	No
105	GOM_NL__2PRFIN20090122_054718_000000452075_00435_36060_6239.N1	22-JAN-2009 05:47:18	Dark	44.500	99	Del Cen	2.5750	26000.	89	36060	No
106	GOM_NL__2PRFIN20090122_055006_000000392075_00435_36060_6240.N1	22-JAN-2009 05:50:06	Dark	39.000	29	Bet Car	1.6720	10200.	78	36060	No
107	GOM_NL__2PRFIN20090122_055214_000000392075_00435_36060_6241.N1	22-JAN-2009 05:52:14	Dark	39.000	71	lot Car	2.2460	7700.0	78	36060	No
108	GOM_NL__2PRFIN20090122_055403_000000442075_00435_36060_6242.N1	22-JAN-2009 05:54:03	Dark	44.000	46	Del Vel	1.9540	10600.	88	36060	No
109	GOM_NL__2PRFIN20090122_055641_000000412075_00435_36060_6243.N1	22-JAN-2009 05:56:41	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	36060	No
110	GOM_NL__2PRFIN20090122_055848_000000392075_00435_36060_6244.N1	22-JAN-2009 05:58:48	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	36060	No
111	GOM_NL__2PRFIN20090122_060020_000000442075_00435_36060_6245.N1	22-JAN-2009 06:00:20	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	36060	No
112	GOM_NL__2PRFIN20090122_060249_000000402075_00435_36060_6246.N1	22-JAN-2009 06:02:49	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	36060	No
113	GOM_NL__2PRFIN20090122_060412_000000392075_00435_36060_6247.N1	22-JAN-2009 06:04:12	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	36060	No
114	GOM_NL__2PRFIN20090122_060622_000000442075_00435_36060_6248.N1	22-JAN-2009 06:06:22	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	36060	No
115	GOM_NL__2PRFIN20090122_061238_000000502075_00435_36060_6249.N1	22-JAN-2009 06:12:38	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	36060	No
116	GOM_NL__2PRFIN20090122_061546_000000432075_00435_36060_6250.N1	22-JAN-2009 06:15:46	Bright	43.000	44	24Gam Gem	1.9280	11000.	86	36060	No
117	GOM_NL__2PRFIN20090122_061731_000000412075_00435_36060_6251.N1	22-JAN-2009 06:17:31	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	36060	No
118	GOM_NL__2PRFIN20090122_062042_000000422075_00435_36060_6252.N1	22-JAN-2009 06:20:42	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	36060	No
119	GOM_NL__2PRFIN20090122_062353_000000372075_00435_36060_6253.N1	22-JAN-2009 06:23:53	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	36060	No
120	GOM_NL__2PRFIN20090122_063625_000000372075_00435_36060_6254.N1	22-JAN-2009 06:36:25	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	36060	No
121	GOM_NL__2PRFIN20090122_064003_000000382075_00435_36060_6255.N1	22-JAN-2009 06:40:03	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	36060	No
122	GOM_NL__2PRFIN20090122_064433_000000432075_00435_36060_6256.N1	22-JAN-2009 06:44:33	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	36060	No
123	GOM_NL__2PRFIN20090122_064723_000000362075_00435_36060_6257.N1	22-JAN-2009 06:47:23	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	36060	No
124	GOM_NL__2PRFIN20090122_065347_000000532075_00435_36060_6258.N1	22-JAN-2009 06:53:47	Bright	52.500	133	40Zet Her	2.8070	6000.0	105	36060	No
125	GOM_NL__2PRFIN20090122_065703_000000422075_00435_36060_6259.N1	22-JAN-2009 06:57:03	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	36060	No
126	GOM_NL__2PRFIN20090122_065841_000000522075_00435_36060_6260.N1	22-JAN-2009 06:58:41	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36060	No
127	GOM_NL__2PRFIN20090122_070048_000000522075_00435_36060_6261.N1	22-JAN-2009 07:00:48	Bright	52.000	126	60Bet Oph	2.7700	4250.0	104	36060	No
128	GOM_NL__2PRFIN20090122_070621_000000462075_00435_36060_6262.N1	22-JAN-2009 07:06:21	Bright	45.500	98	13Zet Oph	2.5710	30000.	91	36060	No
129	GOM_NL__2PRFIN20090122_071050_000000482075_00435_36060_6263.N1	22-JAN-2009 07:10:50	Twilight	48.000	16	21Alp Sco	1.0200	3000.0	96	36060	No
130	GOM_NL__2PRFIN20090122_071220_000000422075_00435_36060_6264.N1	22-JAN-2009 07:12:20	Twilight	41.500	75	26Eps Sco	2.2910	4250.0	83	36060	No
131	GOM_NL__2PRFIN20090122_071621_000000382075_00435_36060_6265.N1	22-JAN-2009 07:16:21	Dark	37.500	131	Gam Lup	2.8000	26000.	75	36060	No
132	GOM_NL__2PRFIN20090122_071818_000000412075_00435_36060_6266.N1	22-JAN-2009 07:18:18	Dark	40.500	109	Bet Lup	2.6770	26000.	81	36060	No
133	GOM_NL__2PRFIN20090122_071948_000000402075_00435_36060_6267.N1	22-JAN-2009 07:19:48	Dark	39.500	78	Alp Lup	2.3040	28000.	79	36060	No
134	GOM_NL__2PRFIN20090122_072159_000000502075_00436_36061_6257.N1	22-JAN-2009 07:21:59	Dark	50.000	4	Alp1Cen	-0.010000	5800.0	100	36061	No
135	GOM_NL__2PRFIN20090122_072322_000000402075_00436_36061_6258.N1	22-JAN-2009 07:23:22	Dark	40.000	77	Eps Cen	2.3030	28000.	80	36061	No
136	GOM_NL__2PRFIN20090122_072631_000000502075_00436_36061_6259.N1	22-JAN-2009 07:26:31	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	36061	No
137	GOM_NL__2PRFIN20090122_072755_000000452075_00436_36061_6260.N1	22-JAN-2009 07:27:55	Dark	45.000	99	Del Cen	2.5750	26000.	90	36061	No
138	GOM_NL__2PRFIN20090122_073042_000000382075_00436_36061_6261.N1	22-JAN-2009 07:30:42	Dark	38.000	29	Bet Car	1.6720	10200.	76	36061	No
139	GOM_NL__2PRFIN20090122_073250_000000412075_00436_36061_6262.N1	22-JAN-2009 07:32:50	Dark	41.000	71	lot Car	2.2460	7700.0	82	36061	No
140	GOM_NL__2PRFIN20090122_073439_000000422075_00436_36061_6263.N1	22-JAN-2009 07:34:39	Dark	42.000	46	Del Vel	1.9540	10600.	84	36061	No
141	GOM_NL__2PRFIN20090122_073718_000000392075_00436_36061_6264.N1	22-JAN-2009 07:37:18	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	36061	No
142	GOM_NL__2PRFIN20090122_073924_000000402075_00436_36061_6265.N1	22-JAN-2009 07:39:24	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	36061	No
143	GOM_NL__2PRFIN20090122_074056_000000412075_00436_36061_6266.N1	22-JAN-2009 07:40:56	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	36061	No
144	GOM_NL__2PRFIN20090122_074325_000000412075_00436_36061_6267.N1	22-JAN-2009 07:43:25	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	36061	No
145	GOM_NL__2PRFIN20090122_074448_000000382075_00436_36061_6268.N1	22-JAN-2009 07:44:48	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	36061	No
146	GOM_NL__2PRFIN20090122_074659_000000432075_00436_36061_6269.N1	22-JAN-2009 07:46:59	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	36061	No
147	GOM_NL__2PRFIN20090122_075314_000000502075_00436_36061_6270.N1	22-JAN-2009 07:53:14	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	36061	No
148	GOM_NL__2PRFIN20090122_075622_000000462075_00436_36061_6271.N1	22-JAN-2009 07:56:22	Bright	46.000	44	24Gam Gem	1.9280	11000.	92	36061	No
149	GOM_NL__2PRFIN20090122_075808_000000392075_00436_36061_6272.N1	22-JAN-2009 07:58:08	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	36061	No
150	GOM_NL__2PRFIN20090122_080118_000000402075_00436_36061_6273.N1	22-JAN-2009 08:01:18	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	36061	No
151	GOM_NL__2PRFIN20090122_080429_000000362075_00436_36061_6274.N1	22-JAN-2009 08:04:29	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	36061	No
152	GOM_NL__2PRFIN20090122_081702_000000372075_00436_36061_6275.N1	22-JAN-2009 08:17:02	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	36061	No
153	GOM_NL__2PRFIN20090122_082039_000000412075_00436_36061_6276.N1	22-JAN-2009 08:20:39	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	36061	No
154	GOM_NL__2PRFIN20090122_082509_000000402075_00436_36061_6277.N1	22-JAN-2009 08:25:09	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	36061	No
155	GOM_NL__2PRFIN20090122_082759_000000352075_00436_36061_6278.N1	22-JAN-2009 08:27:59	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	36061	No
156	GOM_NL__2PRFIN20090122_083423_000000392075_00436_36061_6279.N1	22-JAN-2009 08:34:23	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	36061	No
157	GOM_NL__2PRFIN20090122_083739_000000582075_00436_36061_6280.N1	22-JAN-2009 08:37:39	Bright	58.000	127	27Bet Her	2.7810	4700.0	116	36061	No
158	GOM_NL__2PRFIN20090122_083918_000000352075_00436_36061_6281.N1	22-JAN-2009 08:39:18	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	36061	No
159	GOM_NL__2PRFIN20090122_084124_000000522075_00436_36061_6282.N1	22-JAN-2009 08:41:24	Bright	52.000	126	60Bet Oph	2.7700	4250.0	104	36061	No
160	GOM_NL__2PRFIN20090122_084657_000000442075_00436_36061_6283.N1	22-JAN-2009 08:46:57	Bright	44.000	98	13Zet Oph	2.5710	30000.	88	36061	No

161	GOM_NL__2PRFIN20090122_085127_000000522075_00436_36061_6284.N1	22-JAN-2009 08:51:27	Twilight	51.500	16	21Alp Sco	1.0200	3000.0	103	36061	No
162	GOM_NL__2PRFIN20090122_085256_000000432075_00436_36061_6285.N1	22-JAN-2009 08:52:56	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	36061	No
163	GOM_NL__2PRFIN20090122_085657_000000412075_00436_36061_6286.N1	22-JAN-2009 08:56:57	Dark	40.500	131	Gam Lup	2.8000	26000.	81	36061	No
164	GOM_NL__2PRFIN20090122_085855_000000402075_00436_36061_6287.N1	22-JAN-2009 08:58:55	Dark	40.000	109	Bet Lup	2.6770	26000.	80	36061	No
165	GOM_NL__2PRFIN20090122_090025_000000412075_00436_36061_6288.N1	22-JAN-2009 09:00:25	Dark	40.500	78	Alp Lup	2.3040	28000.	81	36061	No
166	GOM_NL__2PRFIN20090122_090236_000000452075_00437_36062_6268.N1	22-JAN-2009 09:02:36	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	36062	No
167	GOM_NL__2PRFIN20090122_090359_000000412075_00437_36062_6269.N1	22-JAN-2009 09:03:59	Dark	40.500	77	Eps Cen	2.3030	28000.	81	36062	No
168	GOM_NL__2PRFIN20090122_090708_000000402075_00437_36062_6270.N1	22-JAN-2009 09:07:08	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	36062	No
169	GOM_NL__2PRFIN20090122_090832_000000462075_00437_36062_6271.N1	22-JAN-2009 09:08:32	Dark	46.000	99	Del Cen	2.5750	26000.	92	36062	No
170	GOM_NL__2PRFIN20090122_091118_000000412075_00437_36062_6272.N1	22-JAN-2009 09:11:18	Dark	40.500	29	Bet Car	1.6720	10200.	81	36062	No
171	GOM_NL__2PRFIN20090122_091326_000000402075_00437_36062_6273.N1	22-JAN-2009 09:13:26	Dark	39.500	71	lot Car	2.2460	7700.0	79	36062	No
172	GOM_NL__2PRFIN20090122_091515_000000402075_00437_36062_6274.N1	22-JAN-2009 09:15:15	Dark	39.500	46	Del Vel	1.9540	10600.	79	36062	No
173	GOM_NL__2PRFIN20090122_091753_000000392075_00437_36062_6275.N1	22-JAN-2009 09:17:53	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	36062	No
174	GOM_NL__2PRFIN20090122_092000_000000422075_00437_36062_6276.N1	22-JAN-2009 09:20:00	Straylight	42.000	70	Zet Pup	2.2460	39000.	84	36062	No
175	GOM_NL__2PRFIN20090122_092132_000000452075_00437_36062_6277.N1	22-JAN-2009 09:21:32	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	36062	No
176	GOM_NL__2PRFIN20090122_092401_000000432075_00437_36062_6278.N1	22-JAN-2009 09:24:01	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	36062	No
177	GOM_NL__2PRFIN20090122_092524_000000372075_00437_36062_6279.N1	22-JAN-2009 09:25:24	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	36062	No
178	GOM_NL__2PRFIN20090122_092735_000000402075_00437_36062_6280.N1	22-JAN-2009 09:27:35	Straylight	40.000	1	9Alp CMa	-1.4400	11000.	80	36062	No
179	GOM_NL__2PRFIN20090122_093349_000000532075_00437_36062_6281.N1	22-JAN-2009 09:33:49	Tw_i_and_stray	52.500	8	10Alp CMi	0.40000	6500.0	105	36062	No
180	GOM_NL__2PRFIN20090122_093658_000000432075_00437_36062_6282.N1	22-JAN-2009 09:36:58	Bright	42.500	44	24Gam Gem	1.9280	11000.	85	36062	No
181	GOM_NL__2PRFIN20090122_093844_000000402075_00437_36062_6283.N1	22-JAN-2009 09:38:44	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	36062	No
182	GOM_NL__2PRFIN20090122_094154_000000422075_00437_36062_6284.N1	22-JAN-2009 09:41:54	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	36062	No
183	GOM_NL__2PRFIN20090122_094505_000000402075_00437_36062_6285.N1	22-JAN-2009 09:45:05	Bright	39.500	42	34Bet Aur	1.9000	10200.	79	36062	No
184	GOM_NL__2PRFIN20090122_095737_000000362075_00437_36062_6286.N1	22-JAN-2009 09:57:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	36062	No
185	GOM_NL__2PRFIN20090122_100115_000000422075_00437_36062_6287.N1	22-JAN-2009 10:01:15	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	36062	No
186	GOM_NL__2PRFIN20090122_100545_000000402075_00437_36062_6288.N1	22-JAN-2009 10:05:45	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	36062	No
187	GOM_NL__2PRFIN20090122_100835_000000342075_00437_36062_6289.N1	22-JAN-2009 10:08:35	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	36062	No
188	GOM_NL__2PRFIN20090122_101459_000000392075_00437_36062_6290.N1	22-JAN-2009 10:14:59	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	36062	No
189	GOM_NL__2PRFIN20090122_101815_000000412075_00437_36062_6291.N1	22-JAN-2009 10:18:15	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	36062	No
190	GOM_NL__2PRFIN20090122_101954_000000352075_00437_36062_6292.N1	22-JAN-2009 10:19:54	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	36062	No
191	GOM_NL__2PRFIN20090122_102200_000000342075_00437_36062_6293.N1	22-JAN-2009 10:22:00	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	36062	No
192	GOM_NL__2PRFIN20090122_102734_000000502075_00437_36062_6294.N1	22-JAN-2009 10:27:34	Bright	49.500	98	13Zet Oph	2.5710	30000.	99	36062	No
193	GOM_NL__2PRFIN20090122_103203_000000492075_00437_36062_6295.N1	22-JAN-2009 10:32:03	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	36062	No
194	GOM_NL__2PRFIN20090122_103333_000000412075_00437_36062_6296.N1	22-JAN-2009 10:33:33	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	36062	No
195	GOM_NL__2PRFIN20090122_103734_000000392075_00437_36062_6297.N1	22-JAN-2009 10:37:34	Dark	38.500	131	Gam Lup	2.8000	26000.	77	36062	No
196	GOM_NL__2PRFIN20090122_103932_000000412075_00437_36062_6298.N1	22-JAN-2009 10:39:32	Dark	40.500	109	Bet Lup	2.6770	26000.	81	36062	No
197	GOM_NL__2PRFIN20090122_104102_000000412075_00437_36062_6299.N1	22-JAN-2009 10:41:02	Dark	41.000	78	Alp Lup	2.3040	28000.	82	36062	No
198	GOM_NL__2PRFIN20090122_104312_000000412075_00438_36063_6278.N1	22-JAN-2009 10:43:12	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	36063	No
199	GOM_NL__2PRFIN20090122_104435_000000412075_00438_36063_6279.N1	22-JAN-2009 10:44:35	Dark	40.500	77	Eps Cen	2.3030	28000.	81	36063	No
200	GOM_NL__2PRFIN20090122_104744_000000432075_00438_36063_6280.N1	22-JAN-2009 10:47:44	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	36063	No
201	GOM_NL__2PRFIN20090122_104909_000000452075_00438_36063_6281.N1	22-JAN-2009 10:49:09	Dark	45.000	99	Del Cen	2.5750	26000.	90	36063	No
202	GOM_NL__2PRFIN20090122_105155_000000402075_00438_36063_6282.N1	22-JAN-2009 10:51:55	Dark	39.500	29	Bet Car	1.6720	10200.	79	36063	No
203	GOM_NL__2PRFIN20090122_105403_000000392075_00438_36063_6283.N1	22-JAN-2009 10:54:03	Dark	39.000	71	lot Car	2.2460	7700.0	78	36063	No
204	GOM_NL__2PRFIN20090122_105552_000000432075_00438_36063_6284.N1	22-JAN-2009 10:55:52	Dark	43.000	46	Del Vel	1.9540	10600.	86	36063	No
205	GOM_NL__2PRFIN20090122_105830_000000422075_00438_36063_6285.N1	22-JAN-2009 10:58:30	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	36063	No
206	GOM_NL__2PRFIN20090122_110037_000000402075_00438_36063_6286.N1	22-JAN-2009 11:00:37	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	36063	No
207	GOM_NL__2PRFIN20090122_110208_000000462075_00438_36063_6287.N1	22-JAN-2009 11:02:08	Straylight	45.500	117	Pi Pup	2.7060	3800.0	91	36063	No
208	GOM_NL__2PRFIN20090122_110437_000000362075_00438_36063_6288.N1	22-JAN-2009 11:04:37	Straylight	35.500	23	21Eps CMa	1.5020	26000.	71	36063	No
209	GOM_NL__2PRFIN20090122_110600_000000382075_00438_36063_6289.N1	22-JAN-2009 11:06:00	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	36063	No
210	GOM_NL__2PRFIN20090122_110810_000000432075_00438_36063_6290.N1	22-JAN-2009 11:08:10	Straylight	43.000	1	9Alp CMa	-1.4400	11000.	86	36063	No
211	GOM_NL__2PRFIN20090122_111425_000000492075_00438_36063_6291.N1	22-JAN-2009 11:14:25	Tw_i_and_stray	49.000	8	10Alp CMi	0.40000	6500.0	98	36063	No
212	GOM_NL__2PRFIN20090122_111734_000000462075_00438_36063_6292.N1	22-JAN-2009 11:17:34	Bright	46.000	44	24Gam Gem	1.9280	11000.	92	36063	No
213	GOM_NL__2PRFIN20090122_111920_000000392075_00438_36063_6293.N1	22-JAN-2009 11:19:20	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	36063	No
214	GOM_NL__2PRFIN20090122_112229_000000402075_00438_36063_6294.N1	22-JAN-2009 11:22:29	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	36063	No
215	GOM_NL__2PRFIN20090122_112541_000000342075_00438_36063_6295.N1	22-JAN-2009 11:25:41	Bright	33.500	42	34Bet Aur	1.9000	10200.	67	36063	No
216	GOM_NL__2PRFIN20090122_114150_000000382075_00438_36063_6296.N1	22-JAN-2009 11:41:50	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	36063	No
217	GOM_NL__2PRFIN20090122_114621_000000392075_00438_36063_6297.N1	22-JAN-2009 11:46:21	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36063	No
218	GOM_NL__2PRFIN20090122_114911_000000382075_00438_36063_6298.N1	22-JAN-2009 11:49:11	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	36063	No
219	GOM_NL__2PRFIN20090122_115535_000000572075_00438_36063_6299.N1	22-JAN-2009 11:55:35	Bright	57.000	133	40Zet Her	2.8070	6000.0	114	36063	No

220	GOM_NL__2PRFIN20090122_115852_000000412075_00438_36063_6300.N1	22-JAN-2009 11:58:52	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	36063	No
221	GOM_NL__2PRFIN20090122_120030_000000522075_00438_36063_6301.N1	22-JAN-2009 12:00:30	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36063	No
222	GOM_NL__2PRFIN20090122_120237_000000342075_00438_36063_6302.N1	22-JAN-2009 12:02:37	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36063	No
223	GOM_NL__2PRFIN20090122_120810_000000422075_00438_36063_6303.N1	22-JAN-2009 12:08:10	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	36063	No
224	GOM_NL__2PRFIN20090122_121239_000000452075_00438_36063_6304.N1	22-JAN-2009 12:12:39	Twilight	44.500	16	21Alp Sco	1.0200	3000.0	89	36063	No
225	GOM_NL__2PRFIN20090122_121409_000000412075_00438_36063_6305.N1	22-JAN-2009 12:14:09	Dark	40.500	75	26Eps Sco	2.2910	4250.0	81	36063	No
226	GOM_NL__2PRFIN20090122_121810_000000402075_00438_36063_6306.N1	22-JAN-2009 12:18:10	Dark	40.000	131	Gam Lup	2.8000	26000.	80	36063	No
227	GOM_NL__2PRFIN20090122_122009_000000412075_00438_36063_6307.N1	22-JAN-2009 12:20:09	Dark	41.000	109	Bet Lup	2.6770	26000.	82	36063	No
228	GOM_NL__2PRFIN20090122_122138_000000422075_00438_36063_6308.N1	22-JAN-2009 12:21:38	Dark	42.000	78	Alp Lup	2.3040	28000.	84	36063	No
229	GOM_NL__2PRFIN20090122_122349_000000502075_00439_36064_6286.N1	22-JAN-2009 12:23:49	Dark	49.500	4	Alp1Cen	-0.010000	5800.0	99	36064	No
230	GOM_NL__2PRFIN20090122_122512_000000412075_00439_36064_6287.N1	22-JAN-2009 12:25:12	Dark	40.500	77	Eps Cen	2.3030	28000.	81	36064	No
231	GOM_NL__2PRFIN20090122_122821_000000392075_00439_36064_6288.N1	22-JAN-2009 12:28:21	Dark	38.500	12	Alp1Cru	0.77500	30000.	77	36064	No
232	GOM_NL__2PRFIN20090122_122946_000000442075_00439_36064_6289.N1	22-JAN-2009 12:29:46	Dark	44.000	99	Del Cen	2.5750	26000.	88	36064	No
233	GOM_NL__2PRFIN20090122_123231_000000382075_00439_36064_6290.N1	22-JAN-2009 12:32:31	Dark	37.500	29	Bet Car	1.6720	10200.	75	36064	No
234	GOM_NL__2PRFIN20090122_123439_000000402075_00439_36064_6291.N1	22-JAN-2009 12:34:39	Dark	39.500	71	lot Car	2.2460	7700.0	79	36064	No
235	GOM_NL__2PRFIN20090122_123628_000000382075_00439_36064_6292.N1	22-JAN-2009 12:36:28	Dark	37.500	46	Del Vel	1.9540	10600.	75	36064	No
236	GOM_NL__2PRFIN20090122_123906_000000382075_00439_36064_6293.N1	22-JAN-2009 12:39:06	Dark	37.500	34	Gam2Vel	1.7930	23000.	75	36064	No
237	GOM_NL__2PRFIN20090122_124113_000000402075_00439_36064_6294.N1	22-JAN-2009 12:41:13	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	36064	No
238	GOM_NL__2PRFIN20090122_124244_000000422075_00439_36064_6295.N1	22-JAN-2009 12:42:44	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	36064	No
239	GOM_NL__2PRFIN20090122_124513_000000422075_00439_36064_6296.N1	22-JAN-2009 12:45:13	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	36064	No
240	GOM_NL__2PRFIN20090122_124636_000000392075_00439_36064_6297.N1	22-JAN-2009 12:46:36	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	36064	No
241	GOM_NL__2PRFIN20090122_124847_000000462075_00439_36064_6298.N1	22-JAN-2009 12:48:47	Straylight	46.000	1	9Alp CMa	-1.4400	11000.	92	36064	No
242	GOM_NL__2PRFIN20090122_125501_000000562075_00439_36064_6299.N1	22-JAN-2009 12:55:01	Tw_and_stray	55.500	8	10Alp CMi	0.40000	6500.0	111	36064	No
243	GOM_NL__2PRFIN20090122_125809_000000452075_00439_36064_6300.N1	22-JAN-2009 12:58:09	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	36064	No
244	GOM_NL__2PRFIN20090122_125956_000000392075_00439_36064_6301.N1	22-JAN-2009 12:59:56	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	36064	No
245	GOM_NL__2PRFIN20090122_130305_000000412075_00439_36064_6302.N1	22-JAN-2009 13:03:05	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	36064	No
246	GOM_NL__2PRFIN20090122_130617_000000342075_00439_36064_6303.N1	22-JAN-2009 13:06:17	Bright	33.500	42	34Bet Aur	1.9000	10200.	67	36064	No
247	GOM_NL__2PRFIN20090122_132226_000000412075_00439_36064_6304.N1	22-JAN-2009 13:22:26	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	36064	No
248	GOM_NL__2PRFIN20090122_132657_000000402075_00439_36064_6305.N1	22-JAN-2009 13:26:57	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	36064	No
249	GOM_NL__2PRFIN20090122_132946_000000382075_00439_36064_6306.N1	22-JAN-2009 13:29:46	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	36064	No
250	GOM_NL__2PRFIN20090122_133611_000000422075_00439_36064_6307.N1	22-JAN-2009 13:36:11	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	36064	No
251	GOM_NL__2PRFIN20090122_133928_000000402075_00439_36064_6308.N1	22-JAN-2009 13:39:28	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	36064	No
252	GOM_NL__2PRFIN20090122_134106_000000342075_00439_36064_6309.N1	22-JAN-2009 13:41:06	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	36064	No
253	GOM_NL__2PRFIN20090122_134313_000000342075_00439_36064_6310.N1	22-JAN-2009 13:43:13	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36064	No
254	GOM_NL__2PRFIN20090122_134846_000000422075_00439_36064_6311.N1	22-JAN-2009 13:48:46	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	36064	No
255	GOM_NL__2PRFIN20090122_135316_000000492075_00439_36064_6312.N1	22-JAN-2009 13:53:16	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	36064	No
256	GOM_NL__2PRFIN20090122_135446_000000432075_00439_36064_6313.N1	22-JAN-2009 13:54:46	Dark	43.000	75	26Eps Sco	2.2910	4250.0	86	36064	No
257	GOM_NL__2PRFIN20090122_135847_000000402075_00439_36064_6314.N1	22-JAN-2009 13:58:47	Dark	40.000	131	Gam Lup	2.8000	26000.	80	36064	No
258	GOM_NL__2PRFIN20090122_140045_000000432075_00439_36064_6315.N1	22-JAN-2009 14:00:45	Dark	42.500	109	Bet Lup	2.6770	26000.	85	36064	No
259	GOM_NL__2PRFIN20090122_140214_000000442075_00439_36064_6316.N1	22-JAN-2009 14:02:14	Dark	43.500	78	Alp Lup	2.3040	28000.	87	36064	No
260	GOM_NL__2PRFIN20090122_140425_000000402075_00440_36065_6294.N1	22-JAN-2009 14:04:25	Dark	40.000	4	Alp1Cen	-0.010000	5800.0	80	36065	No
261	GOM_NL__2PRFIN20090122_140549_000000412075_00440_36065_6295.N1	22-JAN-2009 14:05:49	Dark	41.000	77	Eps Cen	2.3030	28000.	82	36065	No
262	GOM_NL__2PRFIN20090122_140857_000000402075_00440_36065_6296.N1	22-JAN-2009 14:08:57	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	36065	No
263	GOM_NL__2PRFIN20090122_141022_000000462075_00440_36065_6297.N1	22-JAN-2009 14:10:22	Dark	45.500	99	Del Cen	2.5750	26000.	91	36065	No
264	GOM_NL__2PRFIN20090122_141307_000000402075_00440_36065_6298.N1	22-JAN-2009 14:13:07	Dark	40.000	29	Bet Car	1.6720	10200.	80	36065	No
265	GOM_NL__2PRFIN20090122_141515_000000382075_00440_36065_6299.N1	22-JAN-2009 14:15:15	Dark	38.000	71	lot Car	2.2460	7700.0	76	36065	No
266	GOM_NL__2PRFIN20090122_141704_000000392075_00440_36065_6300.N1	22-JAN-2009 14:17:04	Dark	39.000	46	Del Vel	1.9540	10600.	78	36065	No
267	GOM_NL__2PRFIN20090122_141942_000000382075_00440_36065_6301.N1	22-JAN-2009 14:19:42	Dark	38.000	34	Gam2Vel	1.7930	23000.	76	36065	No
268	GOM_NL__2PRFIN20090122_142149_000000412075_00440_36065_6302.N1	22-JAN-2009 14:21:49	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	36065	No
269	GOM_NL__2PRFIN20090122_142320_000000432075_00440_36065_6303.N1	22-JAN-2009 14:23:20	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	36065	No
270	GOM_NL__2PRFIN20090122_142549_000000422075_00440_36065_6304.N1	22-JAN-2009 14:25:49	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	36065	No
271	GOM_NL__2PRFIN20090122_142712_000000402075_00440_36065_6305.N1	22-JAN-2009 14:27:12	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	36065	No
272	GOM_NL__2PRFIN20090122_142923_000000452075_00440_36065_6306.N1	22-JAN-2009 14:29:23	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	36065	No
273	GOM_NL__2PRFIN20090122_143536_000000492075_00440_36065_6307.N1	22-JAN-2009 14:35:36	Tw_and_stray	49.000	8	10Alp CMi	0.40000	6500.0	98	36065	No
274	GOM_NL__2PRFIN20090122_143846_000000412075_00440_36065_6308.N1	22-JAN-2009 14:38:46	Bright	40.500	44	24Gam Gem	1.9280	11000.	81	36065	No
275	GOM_NL__2PRFIN20090122_144031_000000402075_00440_36065_6309.N1	22-JAN-2009 14:40:31	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	36065	No
276	GOM_NL__2PRFIN20090122_144340_000000432075_00440_36065_6310.N1	22-JAN-2009 14:43:40	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	36065	No
277	GOM_NL__2PRFIN20090122_144653_000000502075_00440_36065_6311.N1	22-JAN-2009 14:46:53	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	36065	No
278	GOM_NL__2PRFIN20090122_145924_000000342075_00440_36065_6312.N1	22-JAN-2009 14:59:24	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	36065	No

279	GOM_NL__2PRFIN20090122_150302_000000412075_00440_36065_6313.N1	22-JAN-2009 15:03:02	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	36065	No
280	GOM_NL__2PRFIN20090122_150733_000000392075_00440_36065_6314.N1	22-JAN-2009 15:07:33	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36065	No
281	GOM_NL__2PRFIN20090122_151023_000000382075_00440_36065_6315.N1	22-JAN-2009 15:10:23	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	36065	No
282	GOM_NL__2PRFIN20090122_151647_000000572075_00440_36065_6316.N1	22-JAN-2009 15:16:47	Bright	57.000	133	40Zet Her	2.8070	6000.0	114	36065	No
283	GOM_NL__2PRFIN20090122_152004_000000412075_00440_36065_6317.N1	22-JAN-2009 15:20:04	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	36065	No
284	GOM_NL__2PRFIN20090122_152142_000000522075_00440_36065_6318.N1	22-JAN-2009 15:21:42	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36065	No
285	GOM_NL__2PRFIN20090122_152349_000000342075_00440_36065_6319.N1	22-JAN-2009 15:23:49	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	36065	No
286	GOM_NL__2PRFIN20090122_152922_000000422075_00440_36065_6320.N1	22-JAN-2009 15:29:22	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	36065	No
287	GOM_NL__2PRFIN20090122_153353_000000512075_00440_36065_6321.N1	22-JAN-2009 15:33:53	Twilight	51.000	16	21Alp Sco	1.0200	3000.0	102	36065	No
288	GOM_NL__2PRFIN20090122_153522_000000432075_00440_36065_6322.N1	22-JAN-2009 15:35:22	Dark	42.500	75	26Eps Sco	2.2910	4250.0	85	36065	No
289	GOM_NL__2PRFIN20090122_153923_000000402075_00440_36065_6323.N1	22-JAN-2009 15:39:23	Dark	39.500	131	Gam Lup	2.8000	26000.	79	36065	No
290	GOM_NL__2PRFIN20090122_154121_000000422075_00440_36065_6324.N1	22-JAN-2009 15:41:21	Dark	41.500	109	Bet Lup	2.6770	26000.	83	36065	No
291	GOM_NL__2PRFIN20090122_154251_000000432075_00440_36065_6325.N1	22-JAN-2009 15:42:51	Dark	42.500	78	Alp Lup	2.3040	28000.	85	36065	No
292	GOM_NL__2PRFIN20090122_154501_000000512075_00441_36066_6374.N1	22-JAN-2009 15:45:01	Dark	51.000	4	Alp1Cen	-0.010000	5800.0	102	36066	No
293	GOM_NL__2PRFIN20090122_154625_000000432075_00441_36066_6375.N1	22-JAN-2009 15:46:25	Dark	42.500	77	Eps Cen	2.3030	28000.	85	36066	No
294	GOM_NL__2PRFIN20090122_154934_000000402075_00441_36066_6376.N1	22-JAN-2009 15:49:34	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	36066	No
295	GOM_NL__2PRFIN20090122_155059_000000452075_00441_36066_6377.N1	22-JAN-2009 15:50:59	Dark	45.000	99	Del Cen	2.5750	26000.	90	36066	No
296	GOM_NL__2PRFIN20090122_155343_000000422075_00441_36066_6378.N1	22-JAN-2009 15:53:43	Dark	41.500	29	Bet Car	1.6720	10200.	83	36066	No
297	GOM_NL__2PRFIN20090122_155551_000000442075_00441_36066_6379.N1	22-JAN-2009 15:55:51	Dark	44.000	71	lot Car	2.2460	7700.0	88	36066	No
298	GOM_NL__2PRFIN20090122_155740_000000422075_00441_36066_6380.N1	22-JAN-2009 15:57:40	Dark	42.000	46	Del Vel	1.9540	10600.	84	36066	No
299	GOM_NL__2PRFIN20090122_160018_000000422075_00441_36066_6381.N1	22-JAN-2009 16:00:18	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	36066	No
300	GOM_NL__2PRFIN20090122_160225_000000422075_00441_36066_6382.N1	22-JAN-2009 16:02:25	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	36066	No
301	GOM_NL__2PRFIN20090122_160357_000000482075_00441_36066_6383.N1	22-JAN-2009 16:03:57	Straylight	48.000	117	Pi Pup	2.7060	3800.0	96	36066	No
302	GOM_NL__2PRFIN20090122_160625_000000422075_00441_36066_6384.N1	22-JAN-2009 16:06:25	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	36066	No
303	GOM_NL__2PRFIN20090122_160749_000000402075_00441_36066_6385.N1	22-JAN-2009 16:07:49	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	36066	No
304	GOM_NL__2PRFIN20090122_160959_000000442075_00441_36066_6386.N1	22-JAN-2009 16:09:59	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	36066	No
305	GOM_NL__2PRFIN20090122_161612_000000492075_00441_36066_6387.N1	22-JAN-2009 16:16:12	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	36066	No
306	GOM_NL__2PRFIN20090122_161921_000000442075_00441_36066_6388.N1	22-JAN-2009 16:19:21	Bright	43.500	44	24Gam Gem	1.9280	11000.	87	36066	No
307	GOM_NL__2PRFIN20090122_162107_000000412075_00441_36066_6389.N1	22-JAN-2009 16:21:07	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	36066	No
308	GOM_NL__2PRFIN20090122_162416_000000422075_00441_36066_6390.N1	22-JAN-2009 16:24:16	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	36066	No
309	GOM_NL__2PRFIN20090122_162729_000000352075_00441_36066_6391.N1	22-JAN-2009 16:27:29	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	36066	No
310	GOM_NL__2PRFIN20090122_164000_000000362075_00441_36066_6392.N1	22-JAN-2009 16:40:00	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36066	No
311	GOM_NL__2PRFIN20090122_164337_000000402075_00441_36066_6393.N1	22-JAN-2009 16:43:37	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	36066	No
312	GOM_NL__2PRFIN20090122_164808_000000392075_00441_36066_6394.N1	22-JAN-2009 16:48:08	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	36066	No
313	GOM_NL__2PRFIN20090122_165059_000000352075_00441_36066_6395.N1	22-JAN-2009 16:50:59	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	36066	No
314	GOM_NL__2PRFIN20090122_165723_000000392075_00441_36066_6396.N1	22-JAN-2009 16:57:23	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	36066	No
315	GOM_NL__2PRFIN20090122_170040_000000422075_00441_36066_6397.N1	22-JAN-2009 17:00:40	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	36066	No
316	GOM_NL__2PRFIN20090122_170218_000000522075_00441_36066_6398.N1	22-JAN-2009 17:02:18	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36066	No
317	GOM_NL__2PRFIN20090122_170425_000000352075_00441_36066_6399.N1	22-JAN-2009 17:04:25	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	36066	No
318	GOM_NL__2PRFIN20090122_170959_000000452075_00441_36066_6400.N1	22-JAN-2009 17:09:59	Bright	44.500	98	13Zet Oph	2.5710	30000.	89	36066	No
319	GOM_NL__2PRFIN20090122_171429_000000452075_00441_36066_6401.N1	22-JAN-2009 17:14:29	Twilight	45.000	16	21Alp Sco	1.0200	3000.0	90	36066	No
320	GOM_NL__2PRFIN20090122_171558_000000392075_00441_36066_6402.N1	22-JAN-2009 17:15:58	Dark	39.000	75	26Eps Sco	2.2910	4250.0	78	36066	No
321	GOM_NL__2PRFIN20090122_172000_000000392075_00441_36066_6403.N1	22-JAN-2009 17:20:00	Dark	39.000	131	Gam Lup	2.8000	26000.	78	36066	No
322	GOM_NL__2PRFIN20090122_172418_000000382075_00442_36067_6442.N1	22-JAN-2009 17:24:18	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	36067	No
323	GOM_NL__2PRFIN20090122_172538_000000532075_00442_36067_6443.N1	22-JAN-2009 17:25:38	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	36067	No
324	GOM_NL__2PRFIN20090122_172702_000000412075_00442_36067_6444.N1	22-JAN-2009 17:27:02	Dark	41.000	77	Eps Cen	2.3030	28000.	82	36067	No
325	GOM_NL__2PRFIN20090122_173010_000000412075_00442_36067_6445.N1	22-JAN-2009 17:30:10	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	36067	No
326	GOM_NL__2PRFIN20090122_173136_000000452075_00442_36067_6446.N1	22-JAN-2009 17:31:36	Dark	45.000	99	Del Cen	2.5750	26000.	90	36067	No
327	GOM_NL__2PRFIN20090122_173419_000000402075_00442_36067_6447.N1	22-JAN-2009 17:34:19	Dark	40.000	29	Bet Car	1.6720	10200.	80	36067	No
328	GOM_NL__2PRFIN20090122_173628_000000402075_00442_36067_6448.N1	22-JAN-2009 17:36:28	Dark	39.500	71	lot Car	2.2460	7700.0	79	36067	No
329	GOM_NL__2PRFIN20090122_173817_000000402075_00442_36067_6449.N1	22-JAN-2009 17:38:17	Dark	39.500	46	Del Vel	1.9540	10600.	79	36067	No
330	GOM_NL__2PRFIN20090122_174055_000000402075_00442_36067_6450.N1	22-JAN-2009 17:40:55	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	36067	No
331	GOM_NL__2PRFIN20090122_174301_000000432075_00442_36067_6451.N1	22-JAN-2009 17:43:01	Straylight	42.500	70	Zet Pup	2.2460	39000.	85	36067	No
332	GOM_NL__2PRFIN20090122_174433_000000392075_00442_36067_6452.N1	22-JAN-2009 17:44:33	Straylight	39.000	117	Pi Pup	2.7060	3800.0	78	36067	No
333	GOM_NL__2PRFIN20090122_174702_000000412075_00442_36067_6453.N1	22-JAN-2009 17:47:02	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	36067	No
334	GOM_NL__2PRFIN20090122_174825_000000402075_00442_36067_6454.N1	22-JAN-2009 17:48:25	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	36067	No
335	GOM_NL__2PRFIN20090122_175035_000000442075_00442_36067_6455.N1	22-JAN-2009 17:50:35	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	36067	No
336	GOM_NL__2PRFIN20090122_175649_000000512075_00442_36067_6456.N1	22-JAN-2009 17:56:49	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	36067	No
337	GOM_NL__2PRFIN20090122_175958_000000462075_00442_36067_6457.N1	22-JAN-2009 17:59:58	Bright	46.000	44	24Gam Gem	1.9280	11000.	92	36067	No

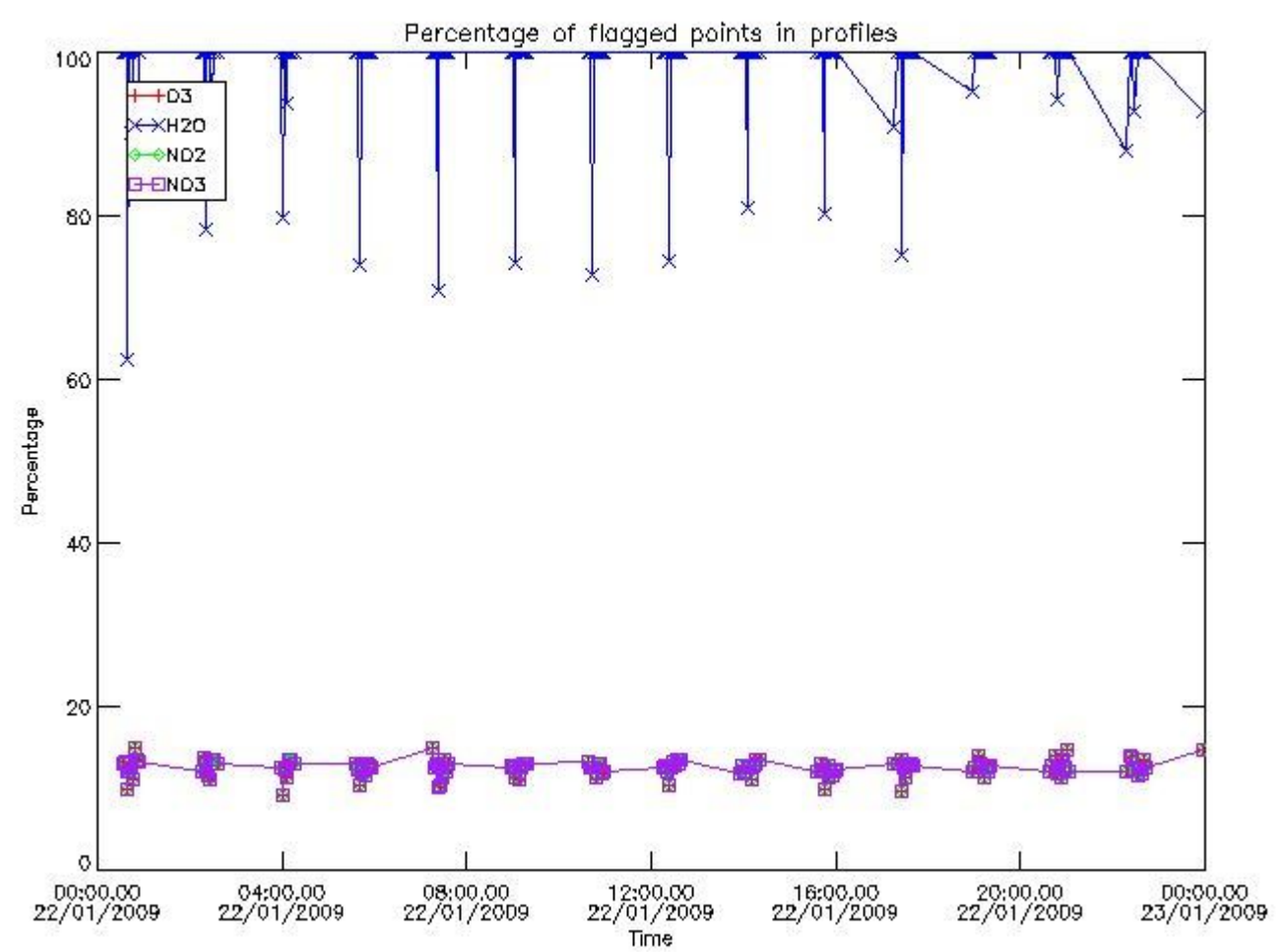
338	GOM_NL__2PRFIN20090122_180143_000000402075_00442_36067_6458.N1	22-JAN-2009 18:01:43	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	36067	No
339	GOM_NL__2PRFIN20090122_180452_000000402075_00442_36067_6459.N1	22-JAN-2009 18:04:52	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	36067	No
340	GOM_NL__2PRFIN20090122_180805_000000362075_00442_36067_6460.N1	22-JAN-2009 18:08:05	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	36067	No
341	GOM_NL__2PRFIN20090122_182036_000000362075_00442_36067_6461.N1	22-JAN-2009 18:20:36	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36067	No
342	GOM_NL__2PRFIN20090122_182413_000000422075_00442_36067_6462.N1	22-JAN-2009 18:24:13	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	36067	No
343	GOM_NL__2PRFIN20090122_182844_000000392075_00442_36067_6463.N1	22-JAN-2009 18:28:44	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	36067	No
344	GOM_NL__2PRFIN20090122_183135_000000352075_00442_36067_6464.N1	22-JAN-2009 18:31:35	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	36067	No
345	GOM_NL__2PRFIN20090122_183759_000000422075_00442_36067_6465.N1	22-JAN-2009 18:37:59	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	36067	No
346	GOM_NL__2PRFIN20090122_184117_000000442075_00442_36067_6466.N1	22-JAN-2009 18:41:17	Bright	43.500	127	27Bet Her	2.7810	4700.0	87	36067	No
347	GOM_NL__2PRFIN20090122_184254_000000352075_00442_36067_6467.N1	22-JAN-2009 18:42:54	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	36067	No
348	GOM_NL__2PRFIN20090122_184501_000000352075_00442_36067_6468.N1	22-JAN-2009 18:45:01	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	36067	No
349	GOM_NL__2PRFIN20090122_185036_000000442075_00442_36067_6469.N1	22-JAN-2009 18:50:36	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	36067	No
350	GOM_NL__2PRFIN20090122_185505_000000552075_00442_36067_6470.N1	22-JAN-2009 18:55:05	Twilight	55.000	16	21Alp Sco	1.0200	3000.0	110	36067	No
351	GOM_NL__2PRFIN20090122_185634_000000432075_00442_36067_6471.N1	22-JAN-2009 18:56:34	Dark	42.500	75	26Eps Sco	2.2910	4250.0	85	36067	No
352	GOM_NL__2PRFIN20090122_190036_000000412075_00442_36067_6472.N1	22-JAN-2009 19:00:36	Dark	40.500	131	Gam Lup	2.8000	26000.	81	36067	No
353	GOM_NL__2PRFIN20090122_190454_000000372075_00443_36068_6450.N1	22-JAN-2009 19:04:54	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	36068	No
354	GOM_NL__2PRFIN20090122_190719_000000392075_00443_36068_6451.N1	22-JAN-2009 19:07:19	Dark	39.000	10	Bet Cen	0.61000	28000.	78	36068	No
355	GOM_NL__2PRFIN20090122_191046_000000402075_00443_36068_6452.N1	22-JAN-2009 19:10:46	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	36068	No
356	GOM_NL__2PRFIN20090122_191212_000000452075_00443_36068_6453.N1	22-JAN-2009 19:12:12	Dark	45.000	99	Del Cen	2.5750	26000.	90	36068	No
357	GOM_NL__2PRFIN20090122_191456_000000412075_00443_36068_6454.N1	22-JAN-2009 19:14:56	Dark	41.000	29	Bet Car	1.6720	10200.	82	36068	No
358	GOM_NL__2PRFIN20090122_191704_000000422075_00443_36068_6455.N1	22-JAN-2009 19:17:04	Dark	42.000	71	lot Car	2.2460	7700.0	84	36068	No
359	GOM_NL__2PRFIN20090122_191854_000000402075_00443_36068_6456.N1	22-JAN-2009 19:18:54	Dark	39.500	46	Del Vel	1.9540	10600.	79	36068	No
360	GOM_NL__2PRFIN20090122_192131_000000402075_00443_36068_6457.N1	22-JAN-2009 19:21:31	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	36068	No
361	GOM_NL__2PRFIN20090122_192338_000000402075_00443_36068_6458.N1	22-JAN-2009 19:23:38	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	36068	No
362	GOM_NL__2PRFIN20090122_192509_000000432075_00443_36068_6459.N1	22-JAN-2009 19:25:09	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	36068	No
363	GOM_NL__2PRFIN20090122_192738_000000422075_00443_36068_6460.N1	22-JAN-2009 19:27:38	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	36068	No
364	GOM_NL__2PRFIN20090122_192901_000000392075_00443_36068_6461.N1	22-JAN-2009 19:29:01	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	36068	No
365	GOM_NL__2PRFIN20090122_193111_000000452075_00443_36068_6462.N1	22-JAN-2009 19:31:11	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	36068	No
366	GOM_NL__2PRFIN20090122_193724_000000492075_00443_36068_6463.N1	22-JAN-2009 19:37:24	Tw_i_and_stray	48.500	8	10Alp CMi	0.40000	6500.0	97	36068	No
367	GOM_NL__2PRFIN20090122_194033_000000392075_00443_36068_6464.N1	22-JAN-2009 19:40:33	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	36068	No
368	GOM_NL__2PRFIN20090122_194220_000000392075_00443_36068_6465.N1	22-JAN-2009 19:42:20	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	36068	No
369	GOM_NL__2PRFIN20090122_194527_000000412075_00443_36068_6466.N1	22-JAN-2009 19:45:27	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	36068	No
370	GOM_NL__2PRFIN20090122_194841_000000372075_00443_36068_6467.N1	22-JAN-2009 19:48:41	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	36068	No
371	GOM_NL__2PRFIN20090122_200112_000000382075_00443_36068_6468.N1	22-JAN-2009 20:01:12	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	36068	No
372	GOM_NL__2PRFIN20090122_200449_000000352075_00443_36068_6469.N1	22-JAN-2009 20:04:49	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	36068	No
373	GOM_NL__2PRFIN20090122_200920_000000422075_00443_36068_6470.N1	22-JAN-2009 20:09:20	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	36068	No
374	GOM_NL__2PRFIN20090122_201210_000000392075_00443_36068_6471.N1	22-JAN-2009 20:12:10	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	36068	No
375	GOM_NL__2PRFIN20090122_201835_000000372075_00443_36068_6472.N1	22-JAN-2009 20:18:35	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	36068	No
376	GOM_NL__2PRFIN20090122_202152_000000402075_00443_36068_6473.N1	22-JAN-2009 20:21:52	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	36068	No
377	GOM_NL__2PRFIN20090122_202331_000000352075_00443_36068_6474.N1	22-JAN-2009 20:23:31	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	36068	No
378	GOM_NL__2PRFIN20090122_202537_000000352075_00443_36068_6475.N1	22-JAN-2009 20:25:37	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	36068	No
379	GOM_NL__2PRFIN20090122_203112_000000472075_00443_36068_6476.N1	22-JAN-2009 20:31:12	Bright	46.500	98	13Zet Oph	2.5710	30000.	93	36068	No
380	GOM_NL__2PRFIN20090122_203542_000000482075_00443_36068_6477.N1	22-JAN-2009 20:35:42	Twilight	47.500	16	21Alp Sco	1.0200	3000.0	95	36068	No
381	GOM_NL__2PRFIN20090122_203710_000000432075_00443_36068_6478.N1	22-JAN-2009 20:37:10	Dark	42.500	75	26Eps Sco	2.2910	4250.0	85	36068	No
382	GOM_NL__2PRFIN20090122_204113_000000402075_00443_36068_6479.N1	22-JAN-2009 20:41:13	Dark	40.000	131	Gam Lup	2.8000	26000.	80	36068	No
383	GOM_NL__2PRFIN20090122_204530_000000372075_00444_36069_6487.N1	22-JAN-2009 20:45:30	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	36069	No
384	GOM_NL__2PRFIN20090122_204755_000000432075_00444_36069_6488.N1	22-JAN-2009 20:47:55	Dark	43.000	10	Bet Cen	0.61000	28000.	86	36069	No
385	GOM_NL__2PRFIN20090122_205122_000000422075_00444_36069_6489.N1	22-JAN-2009 20:51:22	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	36069	No
386	GOM_NL__2PRFIN20090122_205249_000000452075_00444_36069_6490.N1	22-JAN-2009 20:52:49	Dark	45.000	99	Del Cen	2.5750	26000.	90	36069	No
387	GOM_NL__2PRFIN20090122_205531_000000382075_00444_36069_6491.N1	22-JAN-2009 20:55:31	Dark	38.000	29	Bet Car	1.6720	10200.	76	36069	No
388	GOM_NL__2PRFIN20090122_205740_000000412075_00444_36069_6492.N1	22-JAN-2009 20:57:40	Dark	41.000	71	lot Car	2.2460	7700.0	82	36069	No
389	GOM_NL__2PRFIN20090122_205930_000000382075_00444_36069_6493.N1	22-JAN-2009 20:59:30	Dark	38.000	46	Del Vel	1.9540	10600.	76	36069	No
390	GOM_NL__2PRFIN20090122_210207_000000432075_00444_36069_6494.N1	22-JAN-2009 21:02:07	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	36069	No
391	GOM_NL__2PRFIN20090122_210414_000000372075_00444_36069_6495.N1	22-JAN-2009 21:04:14	Straylight	36.500	70	Zet Pup	2.2460	39000.	73	36069	No
392	GOM_NL__2PRFIN20090122_210545_000000412075_00444_36069_6496.N1	22-JAN-2009 21:05:45	Straylight	40.500	117	Pi Pup	2.7060	3800.0	81	36069	No
393	GOM_NL__2PRFIN20090122_210814_000000432075_00444_36069_6497.N1	22-JAN-2009 21:08:14	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	36069	No
394	GOM_NL__2PRFIN20090122_210937_000000382075_00444_36069_6498.N1	22-JAN-2009 21:09:37	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	36069	No
395	GOM_NL__2PRFIN20090122_211147_000000452075_00444_36069_6499.N1	22-JAN-2009 21:11:47	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	36069	No
396	GOM_NL__2PRFIN20090122_211800_000000482075_00444_36069_6500.N1	22-JAN-2009 21:18:00	Tw_i_and_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	36069	No

397	GOM_NL__2PRFIN20090122_212110_000000382075_00444_36069_6501.N1	22-JAN-2009 21:21:10	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	36069	No
398	GOM_NL__2PRFIN20090122_212255_000000402075_00444_36069_6502.N1	22-JAN-2009 21:22:55	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	36069	No
399	GOM_NL__2PRFIN20090122_212603_000000412075_00444_36069_6503.N1	22-JAN-2009 21:26:03	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	36069	No
400	GOM_NL__2PRFIN20090122_212917_000000372075_00444_36069_6504.N1	22-JAN-2009 21:29:17	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	36069	No
401	GOM_NL__2PRFIN20090122_214148_000000382075_00444_36069_6505.N1	22-JAN-2009 21:41:48	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	36069	No
402	GOM_NL__2PRFIN20090122_214525_000000402075_00444_36069_6506.N1	22-JAN-2009 21:45:25	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	36069	No
403	GOM_NL__2PRFIN20090122_214956_000000392075_00444_36069_6507.N1	22-JAN-2009 21:49:56	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36069	No
404	GOM_NL__2PRFIN20090122_215247_000000392075_00444_36069_6508.N1	22-JAN-2009 21:52:47	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	36069	No
405	GOM_NL__2PRFIN20090122_215911_000000382075_00444_36069_6509.N1	22-JAN-2009 21:59:11	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	36069	No
406	GOM_NL__2PRFIN20090122_220229_000000592075_00444_36069_6510.N1	22-JAN-2009 22:02:29	Bright	59.000	127	27Bet Her	2.7810	4700.0	118	36069	No
407	GOM_NL__2PRFIN20090122_220407_000000362075_00444_36069_6511.N1	22-JAN-2009 22:04:07	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	36069	No
408	GOM_NL__2PRFIN20090122_220613_000000352075_00444_36069_6512.N1	22-JAN-2009 22:06:13	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	36069	No
409	GOM_NL__2PRFIN20090122_221148_000000462075_00444_36069_6513.N1	22-JAN-2009 22:11:48	Bright	46.000	98	13Zet Oph	2.5710	30000.	92	36069	No
410	GOM_NL__2PRFIN20090122_221619_000000472075_00444_36069_6514.N1	22-JAN-2009 22:16:19	Twilight	47.000	16	21Alp Sco	1.0200	3000.0	94	36069	No
411	GOM_NL__2PRFIN20090122_221747_000000422075_00444_36069_6515.N1	22-JAN-2009 22:17:47	Dark	42.000	75	26Eps Sco	2.2910	4250.0	84	36069	No
412	GOM_NL__2PRFIN20090122_222149_000000402075_00444_36069_6516.N1	22-JAN-2009 22:21:49	Dark	40.000	131	Gam Lup	2.8000	26000.	80	36069	No
413	GOM_NL__2PRFIN20090122_222606_000000372075_00445_36070_6553.N1	22-JAN-2009 22:26:06	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	36070	No
414	GOM_NL__2PRFIN20090122_222832_000000422075_00445_36070_6554.N1	22-JAN-2009 22:28:32	Dark	41.500	10	Bet Cen	0.61000	28000.	83	36070	No
415	GOM_NL__2PRFIN20090122_223159_000000452075_00445_36070_6555.N1	22-JAN-2009 22:31:59	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	36070	No
416	GOM_NL__2PRFIN20090122_223326_000000452075_00445_36070_6556.N1	22-JAN-2009 22:33:26	Dark	45.000	99	Del Cen	2.5750	26000.	90	36070	No
417	GOM_NL__2PRFIN20090122_223608_000000422075_00445_36070_6557.N1	22-JAN-2009 22:36:08	Dark	41.500	29	Bet Car	1.6720	10200.	83	36070	No
418	GOM_NL__2PRFIN20090122_223817_000000432075_00445_36070_6558.N1	22-JAN-2009 22:38:17	Dark	43.000	71	lot Car	2.2460	7700.0	86	36070	No
419	GOM_NL__2PRFIN20090122_224006_000000382075_00445_36070_6559.N1	22-JAN-2009 22:40:06	Dark	38.000	46	Del Vel	1.9540	10600.	76	36070	No
420	GOM_NL__2PRFIN20090122_224244_000000412075_00445_36070_6560.N1	22-JAN-2009 22:42:44	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	36070	No
421	GOM_NL__2PRFIN20090122_224450_000000402075_00445_36070_6561.N1	22-JAN-2009 22:44:50	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	36070	No
422	GOM_NL__2PRFIN20090122_224621_000000452075_00445_36070_6562.N1	22-JAN-2009 22:46:21	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	36070	No
423	GOM_NL__2PRFIN20090122_224850_000000392075_00445_36070_6563.N1	22-JAN-2009 22:48:50	Straylight	38.500	23	21Eps CMa	1.5020	26000.	77	36070	No
424	GOM_NL__2PRFIN20090122_225014_000000372075_00445_36070_6564.N1	22-JAN-2009 22:50:14	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	36070	No
425	GOM_NL__2PRFIN20090122_225223_000000442075_00445_36070_6565.N1	22-JAN-2009 22:52:23	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	36070	No
426	GOM_NL__2PRFIN20090122_225836_000000562075_00445_36070_6566.N1	22-JAN-2009 22:58:36	Tw_i_and_stray	55.500	8	10Alp CMi	0.40000	6500.0	111	36070	No
427	GOM_NL__2PRFIN20090122_230145_000000382075_00445_36070_6567.N1	22-JAN-2009 23:01:45	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	36070	No
428	GOM_NL__2PRFIN20090122_230331_000000402075_00445_36070_6568.N1	22-JAN-2009 23:03:31	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	36070	No
429	GOM_NL__2PRFIN20090122_230541_000000262075_00445_36070_6569.N1	22-JAN-2009 23:05:41	Tw_i_and_stray	26.000	17	78Bet Gem	1.1610	4500.0	52	36070	No
430	GOM_NL__2PRFIN20090122_230638_000000402075_00445_36070_6570.N1	22-JAN-2009 23:06:38	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	36070	No
431	GOM_NL__2PRFIN20090122_230952_000000362075_00445_36070_6571.N1	22-JAN-2009 23:09:52	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	36070	No
432	GOM_NL__2PRFIN20090122_232224_000000372075_00445_36070_6572.N1	22-JAN-2009 23:22:24	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	36070	No
433	GOM_NL__2PRFIN20090122_232601_000000392075_00445_36070_6573.N1	22-JAN-2009 23:26:01	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	36070	No
434	GOM_NL__2PRFIN20090122_233031_000000392075_00445_36070_6574.N1	22-JAN-2009 23:30:31	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	36070	No
435	GOM_NL__2PRFIN20090122_233322_000000362075_00445_36070_6575.N1	22-JAN-2009 23:33:22	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	36070	No
436	GOM_NL__2PRFIN20090122_233947_000000572075_00445_36070_6576.N1	22-JAN-2009 23:39:47	Bright	57.000	133	40Zet Her	2.8070	6000.0	114	36070	No
437	GOM_NL__2PRFIN20090122_234305_000000592075_00445_36070_6577.N1	22-JAN-2009 23:43:05	Bright	59.000	127	27Bet Her	2.7810	4700.0	118	36070	No
438	GOM_NL__2PRFIN20090122_234443_000000522075_00445_36070_6578.N1	22-JAN-2009 23:44:43	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36070	No
439	GOM_NL__2PRFIN20090122_234649_000000522075_00445_36070_6579.N1	22-JAN-2009 23:46:49	Bright	52.000	126	60Bet Oph	2.7700	4250.0	104	36070	No
440	GOM_NL__2PRFIN20090122_235225_000000442075_00445_36070_6580.N1	22-JAN-2009 23:52:25	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	36070	No
441	GOM_NL__2PRFIN20090122_235655_000000552075_00445_36070_6581.N1	22-JAN-2009 23:56:55	Twilight	54.500	16	21Alp Sco	1.0200	3000.0	109	36070	No
442	GOM_NL__2PRFIN20090122_235823_000000422075_00445_36070_6582.N1	22-JAN-2009 23:58:23	Dark	41.500	75	26Eps Sco	2.2910	4250.0	83	36070	No

3. Quality information per product

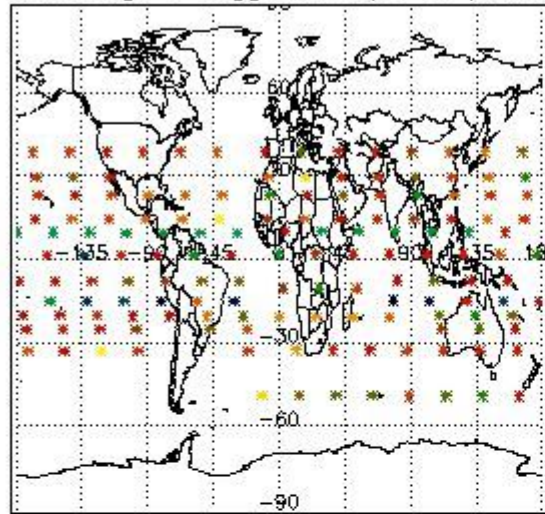
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

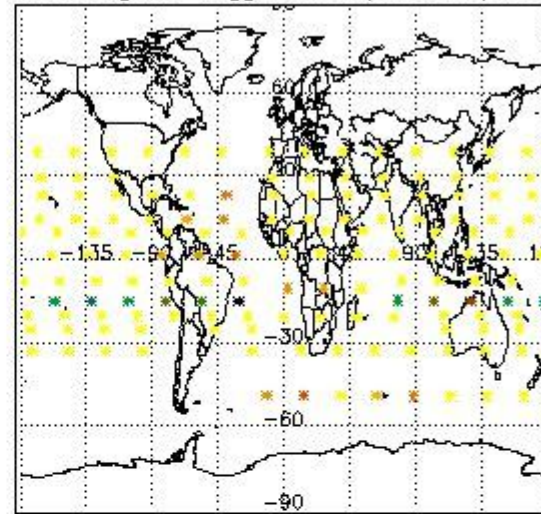


3.2 Plot quality information per product (world map)

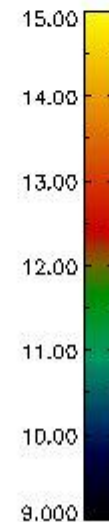
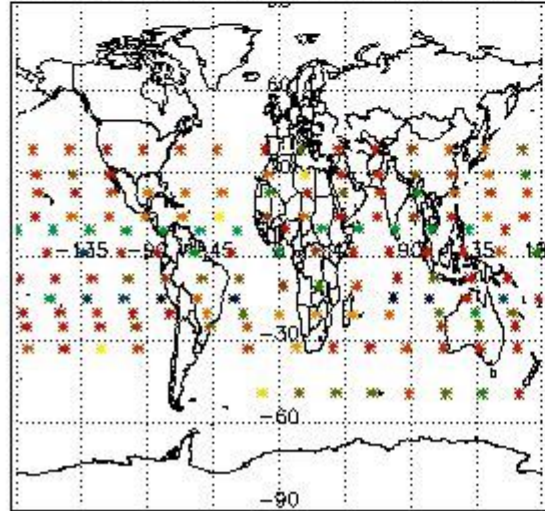
Percentage of flagged data per O3 profile



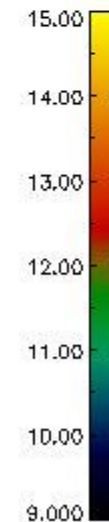
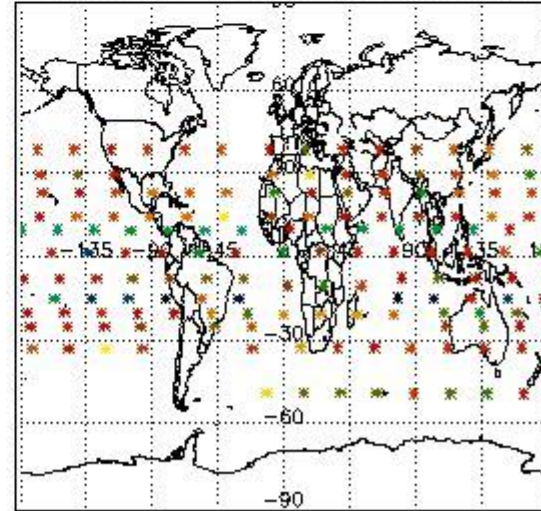
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

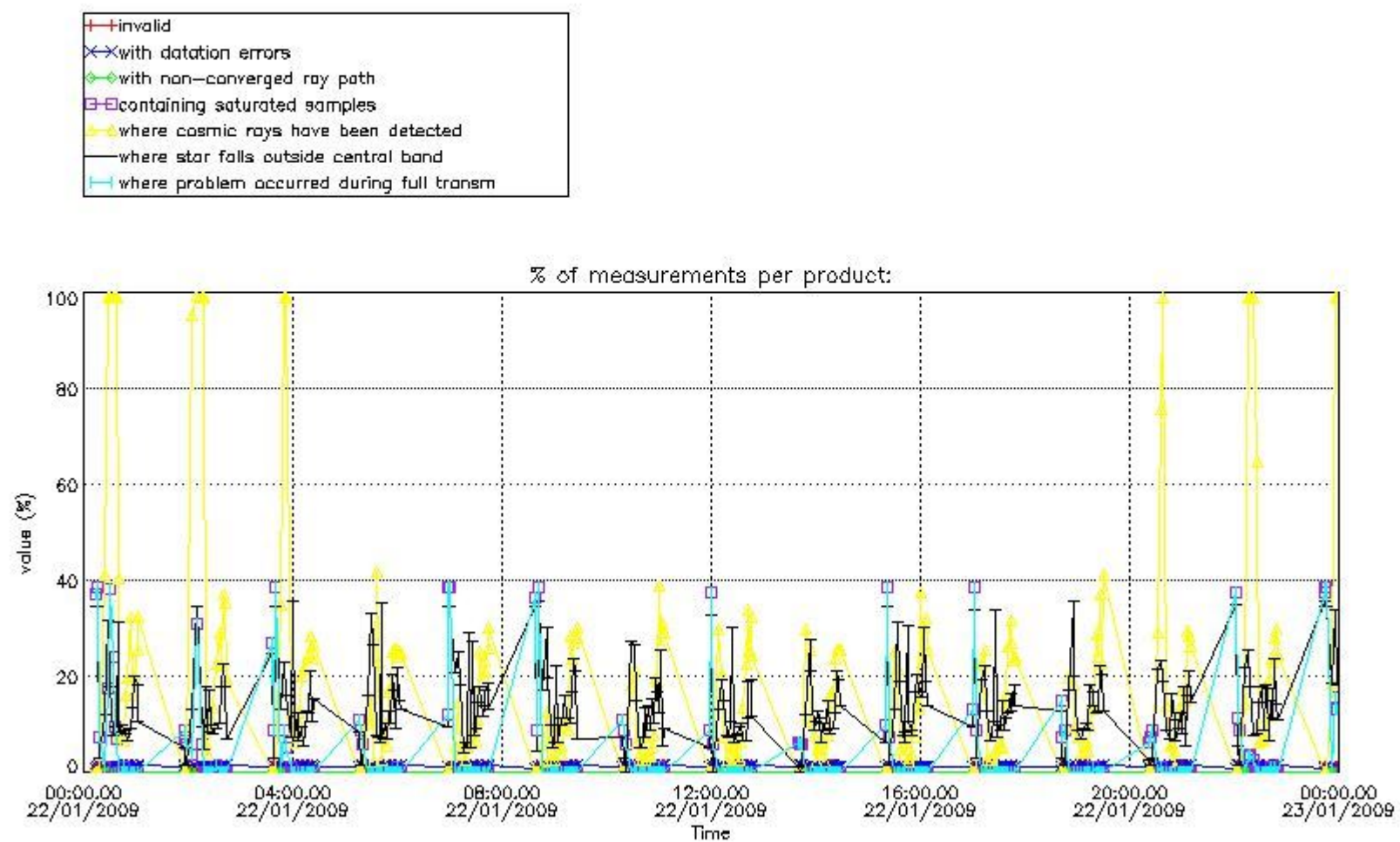


4. Level 1 quality information per product

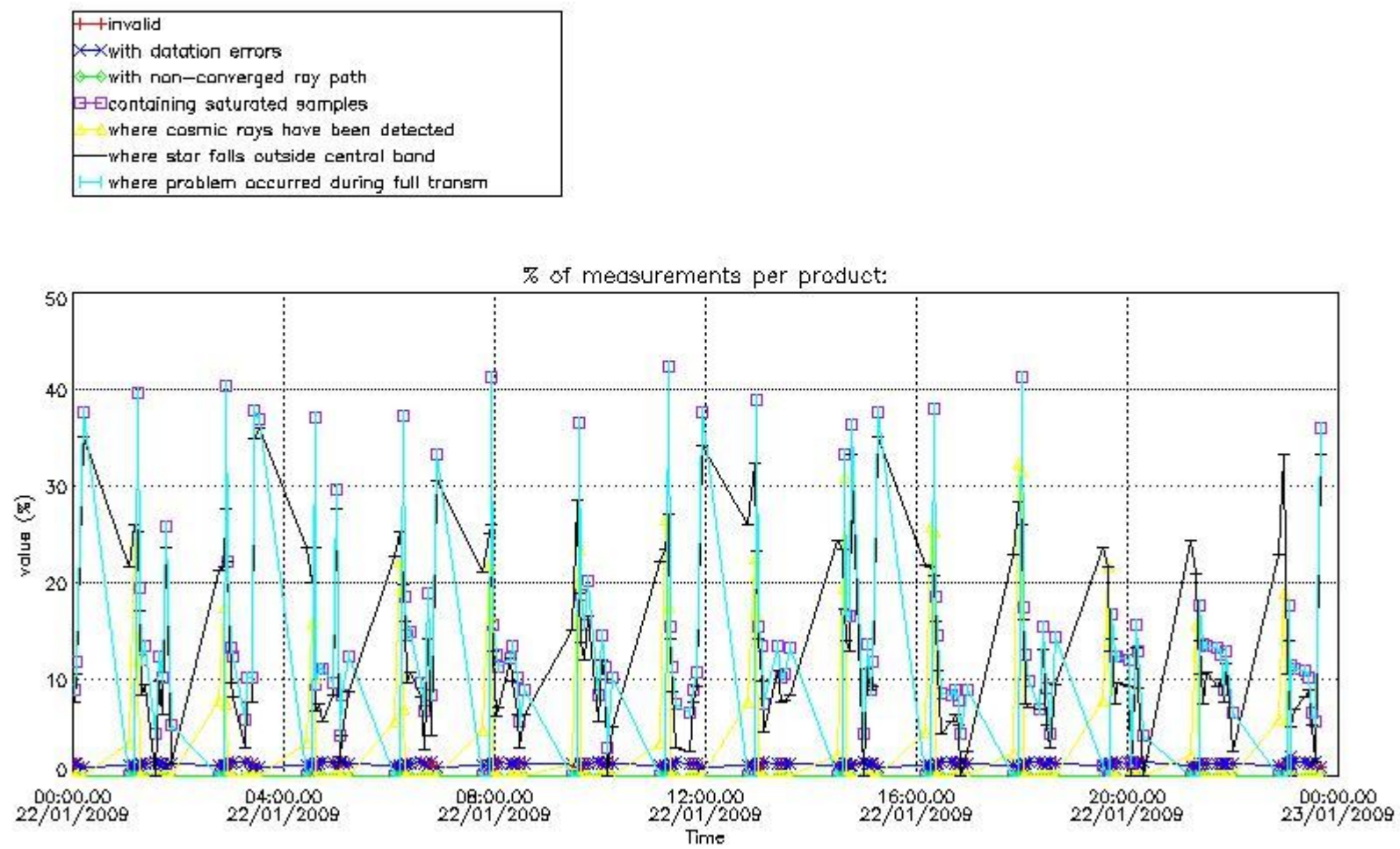
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

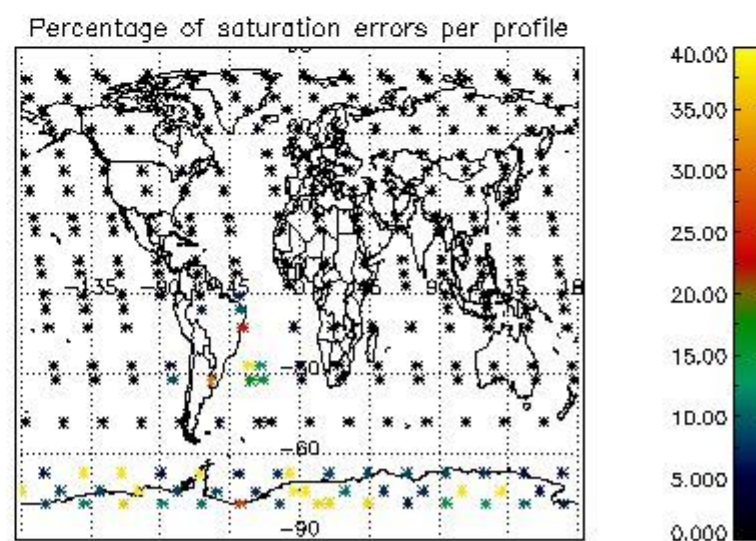
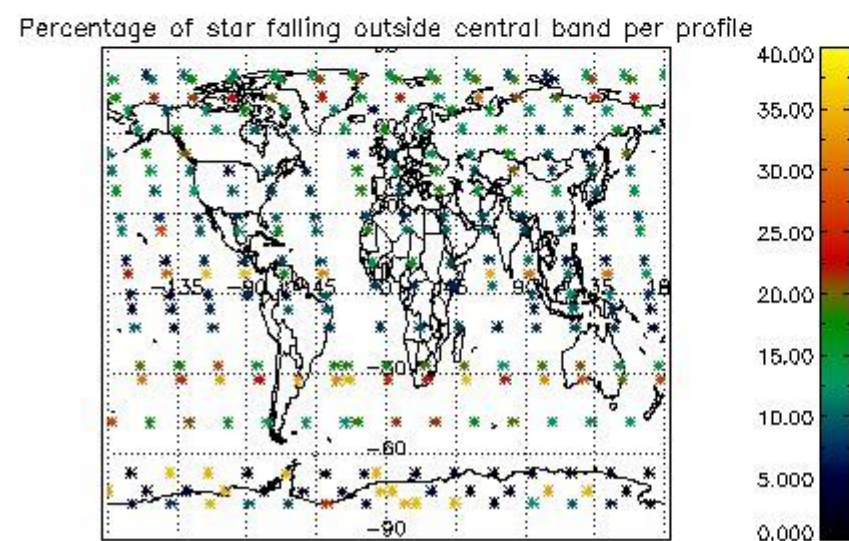
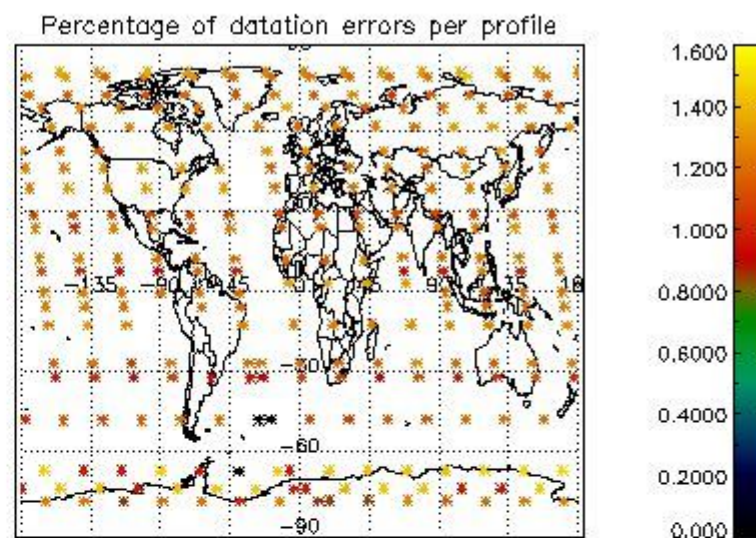
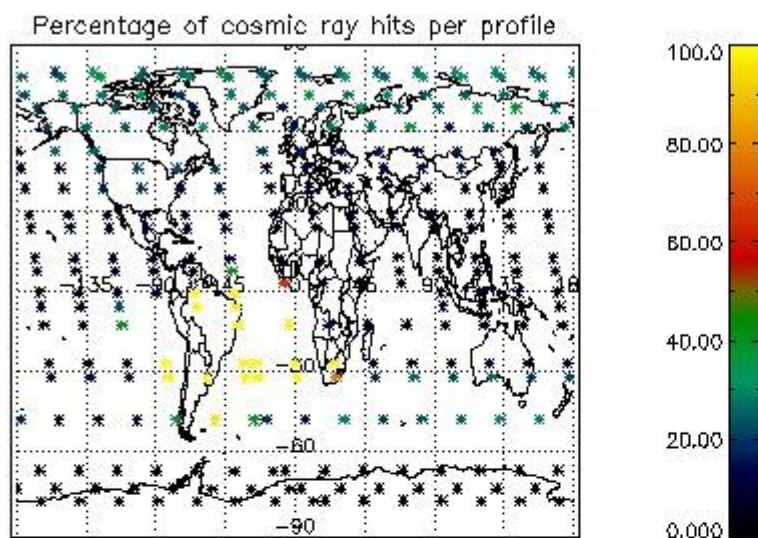


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

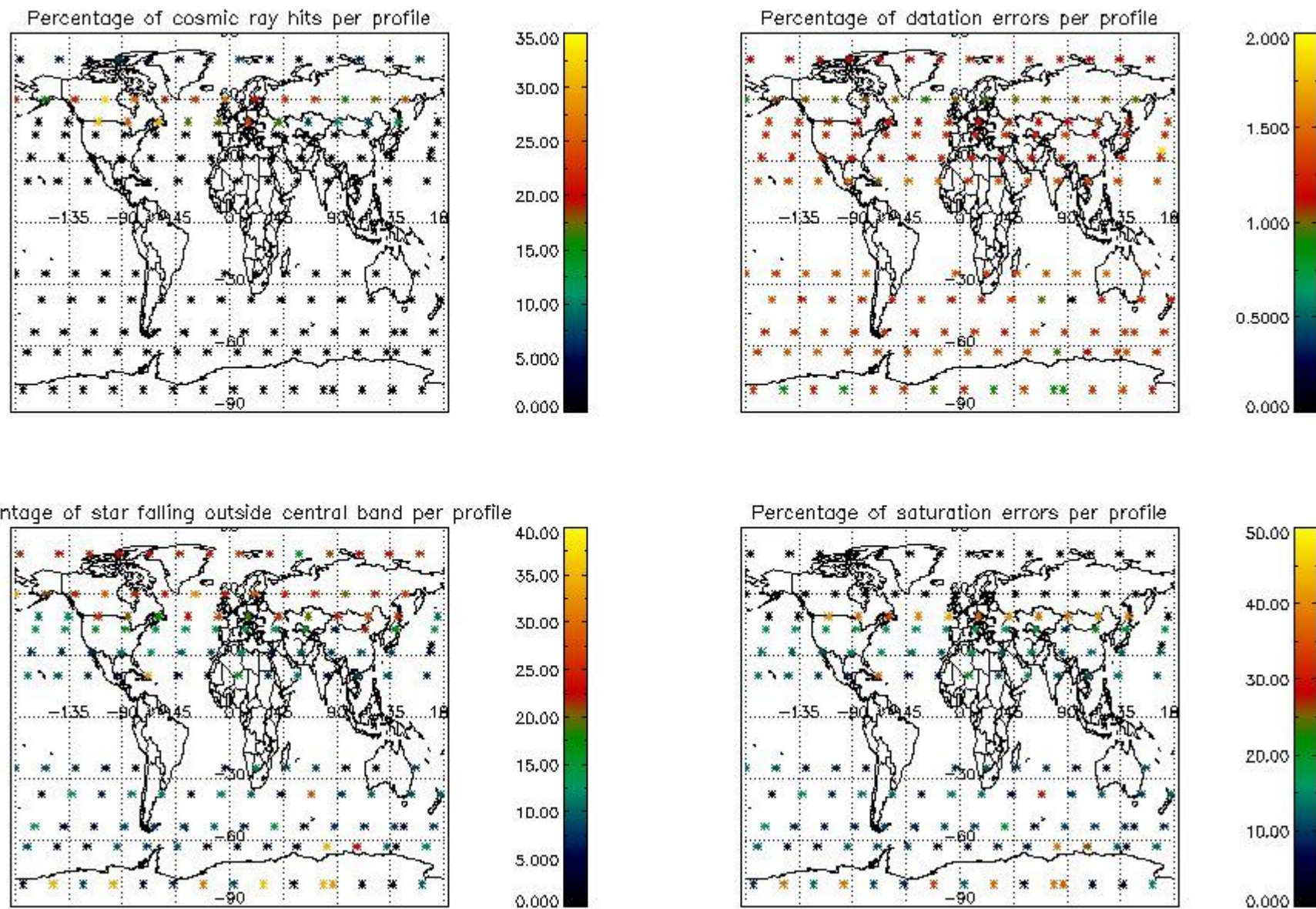


4.2 Plot quality information per product coming from level 1b processing (world map)

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

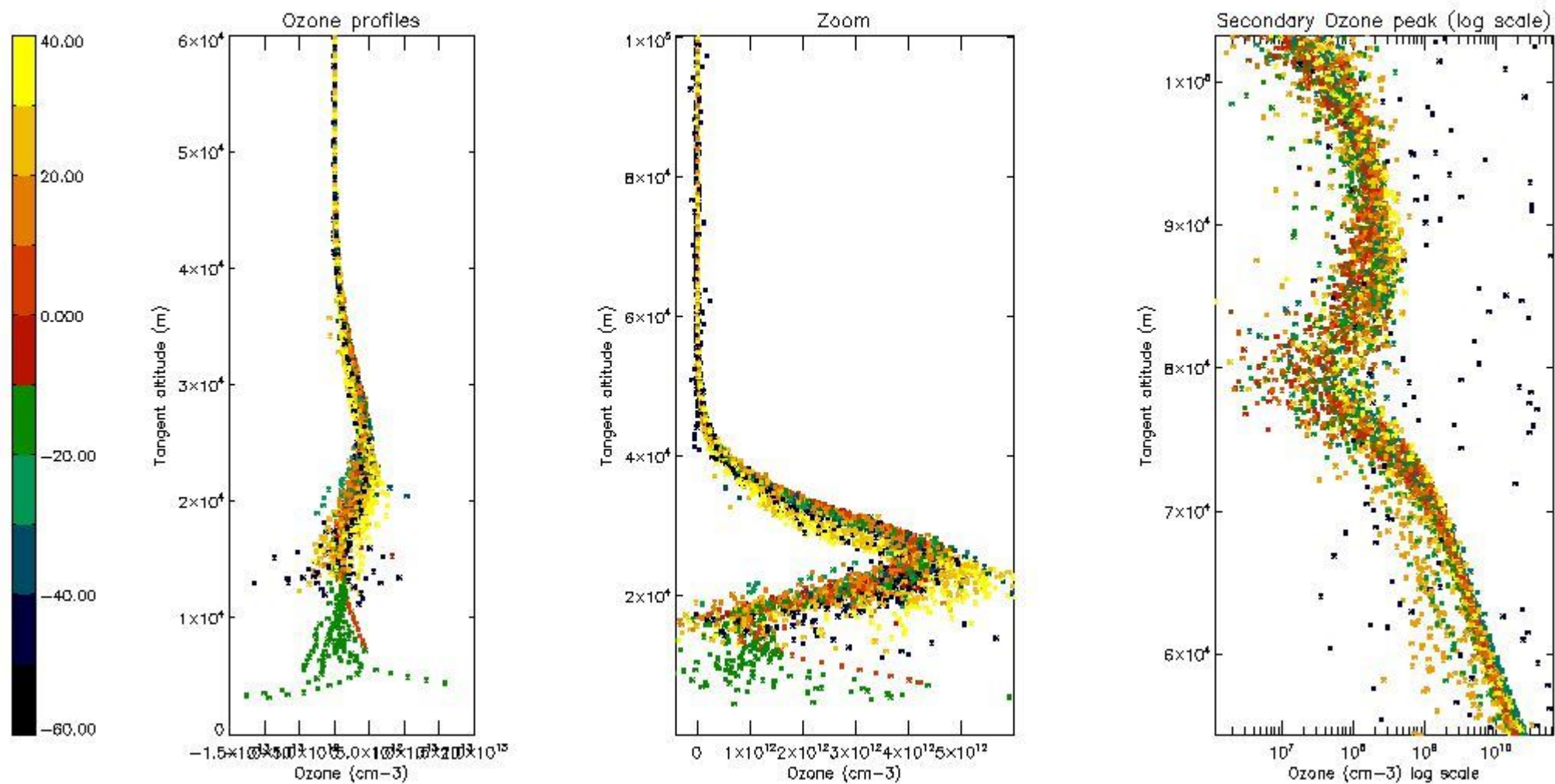
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	20

STD < 10	17
STD < 5	12

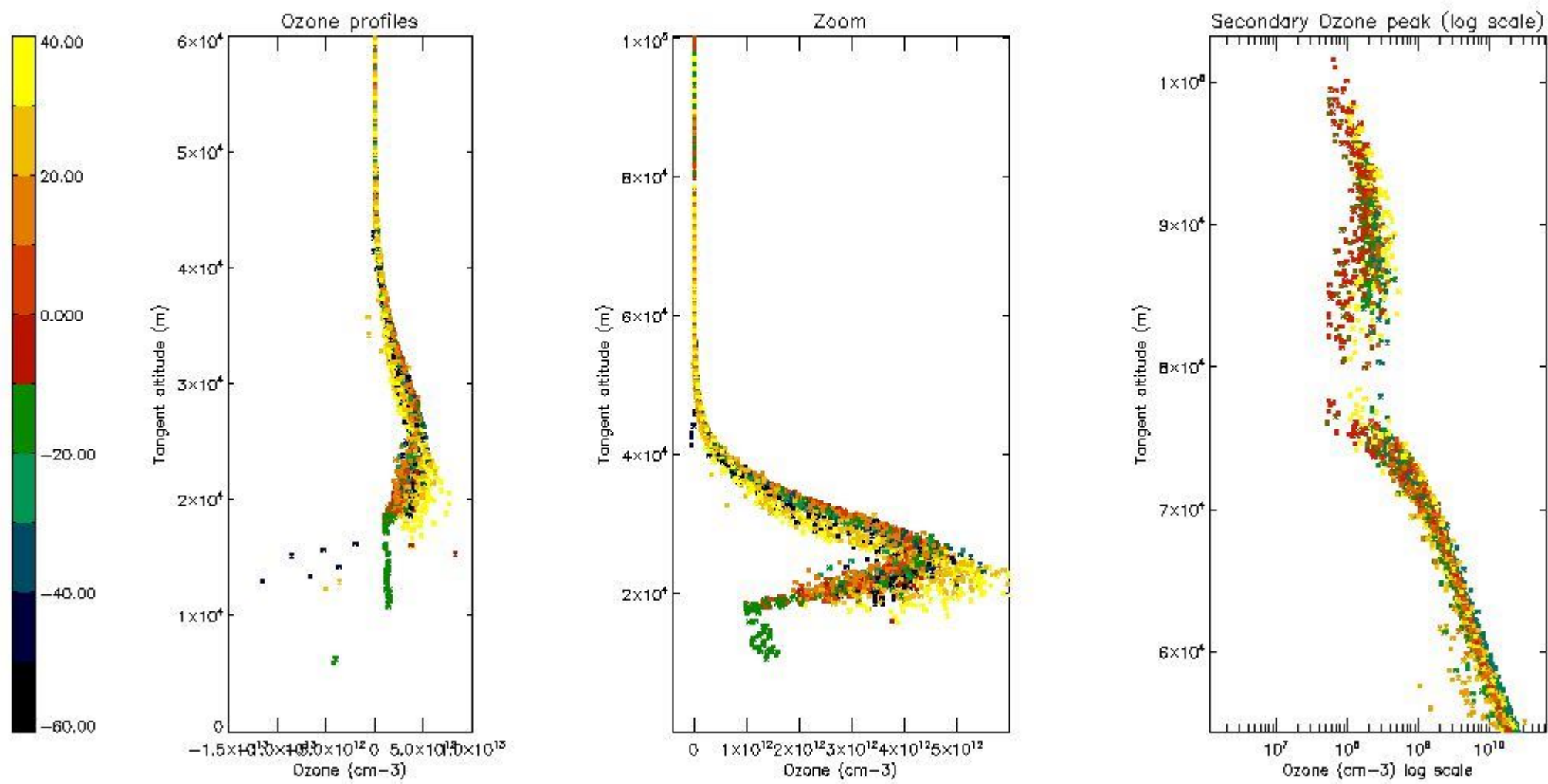
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



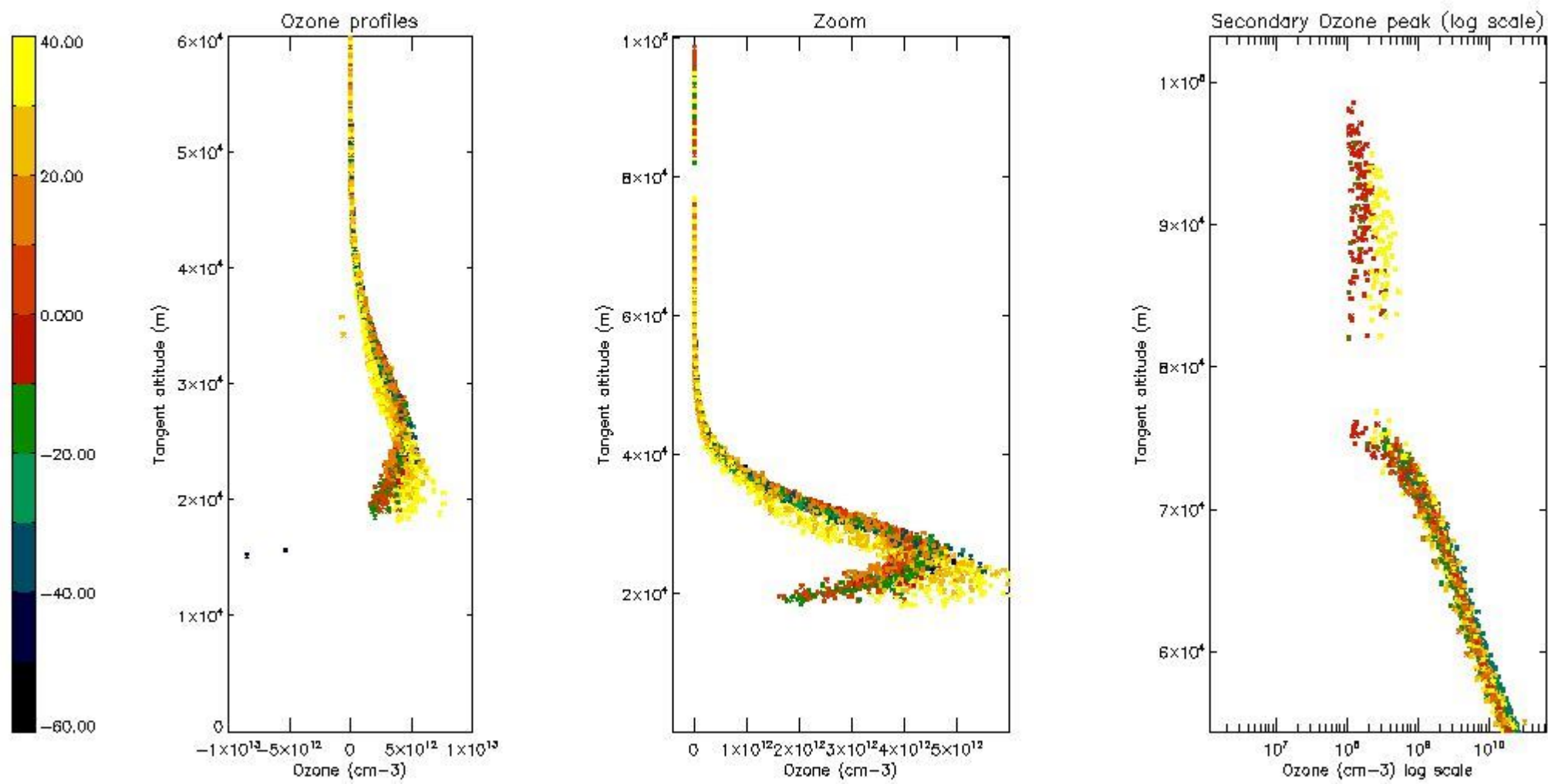
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



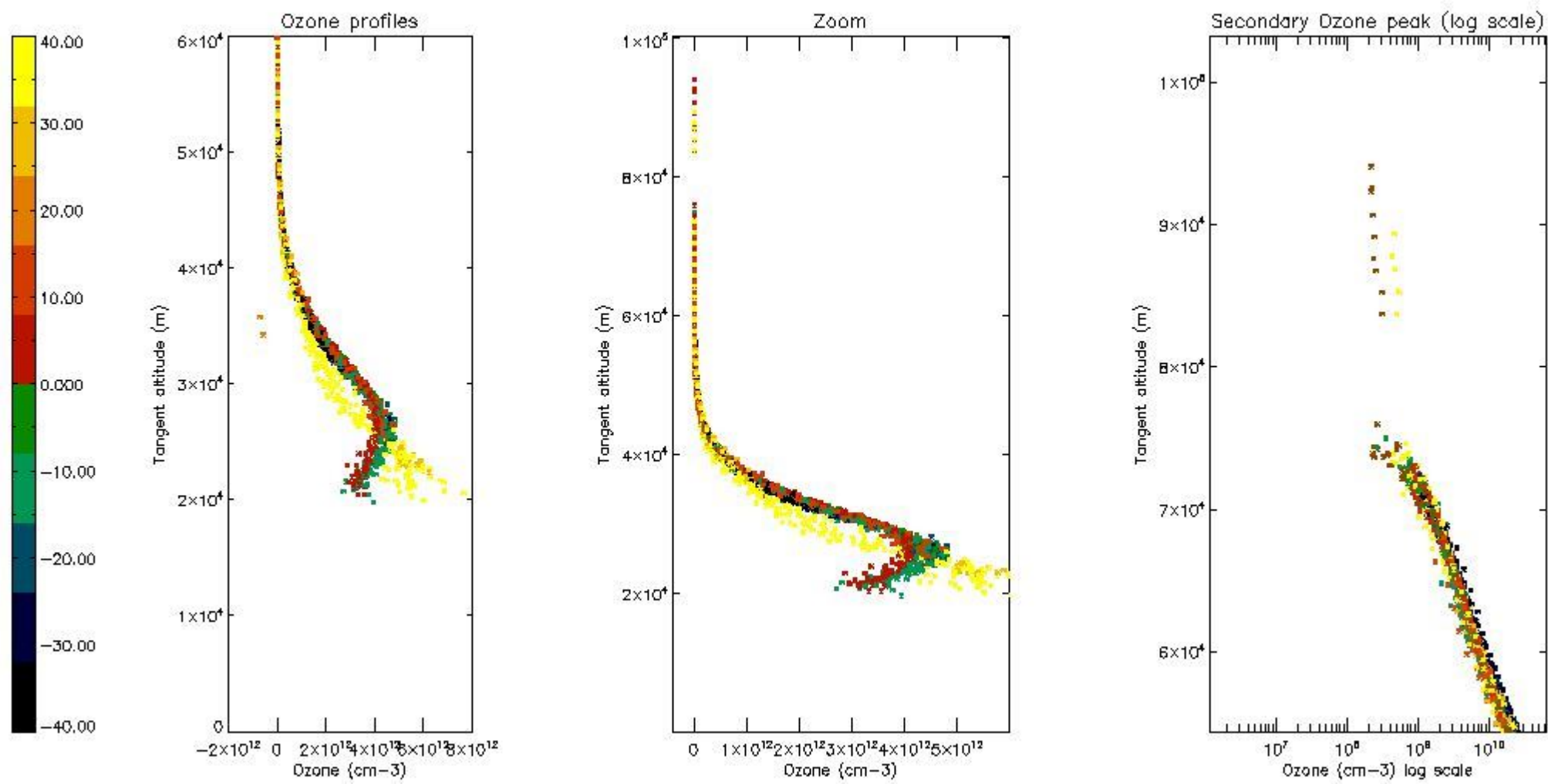
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



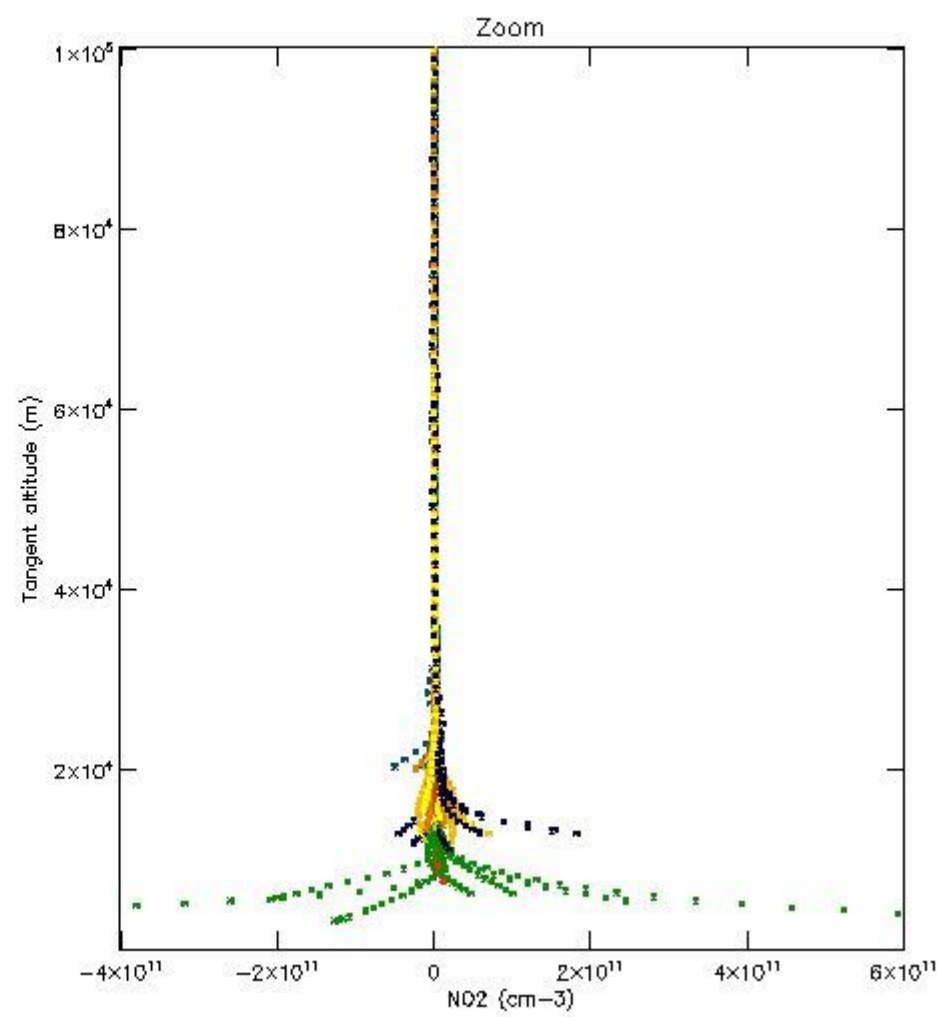
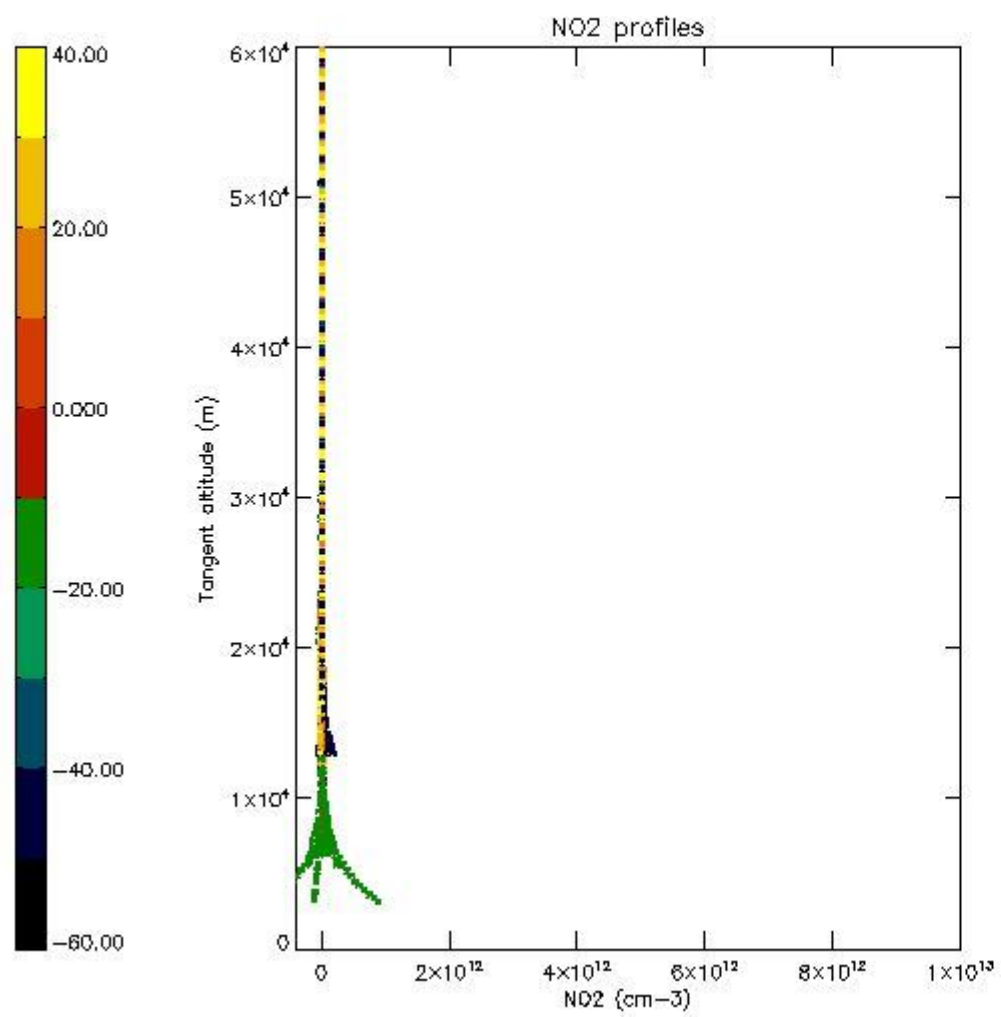
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



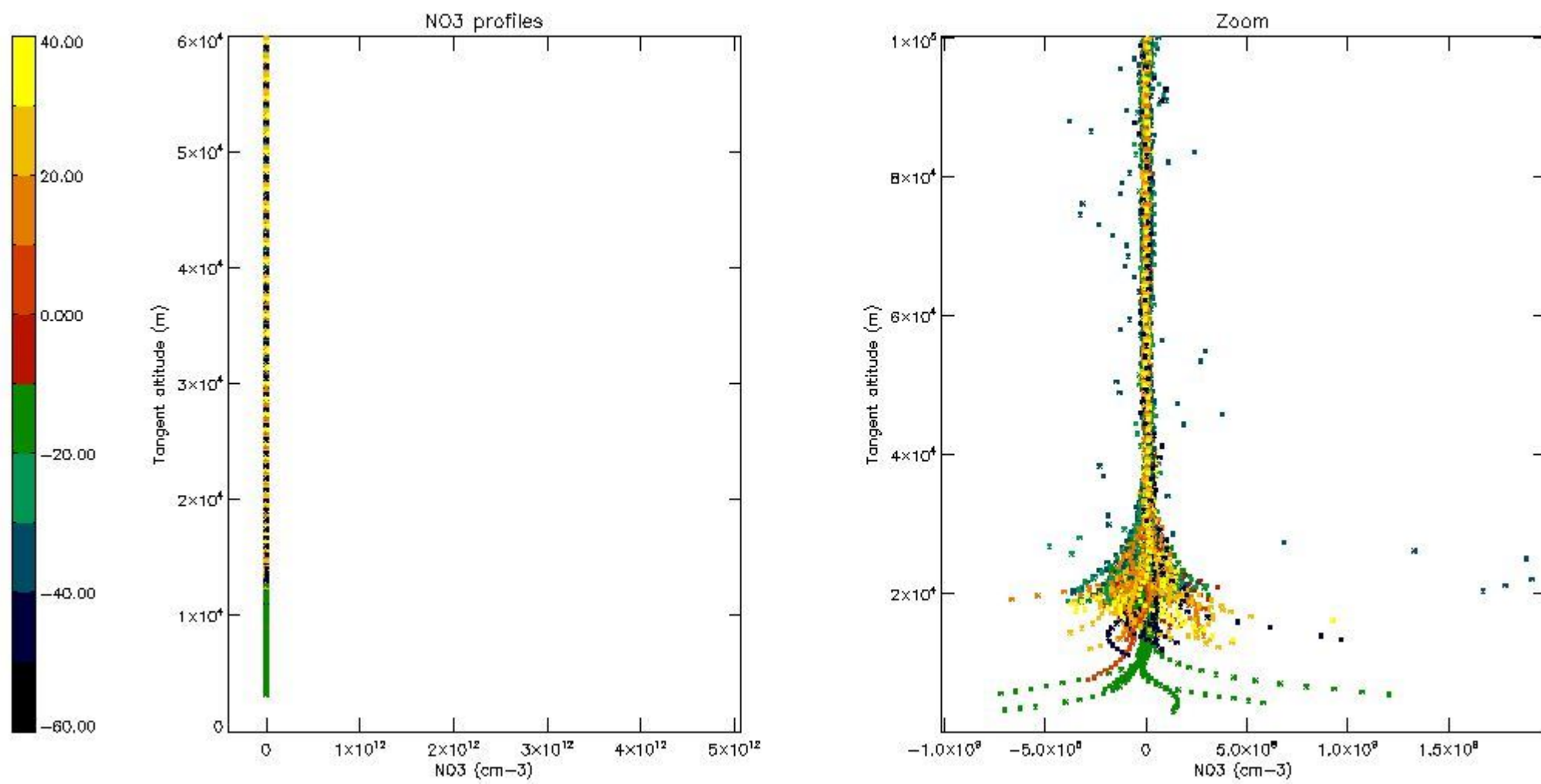
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



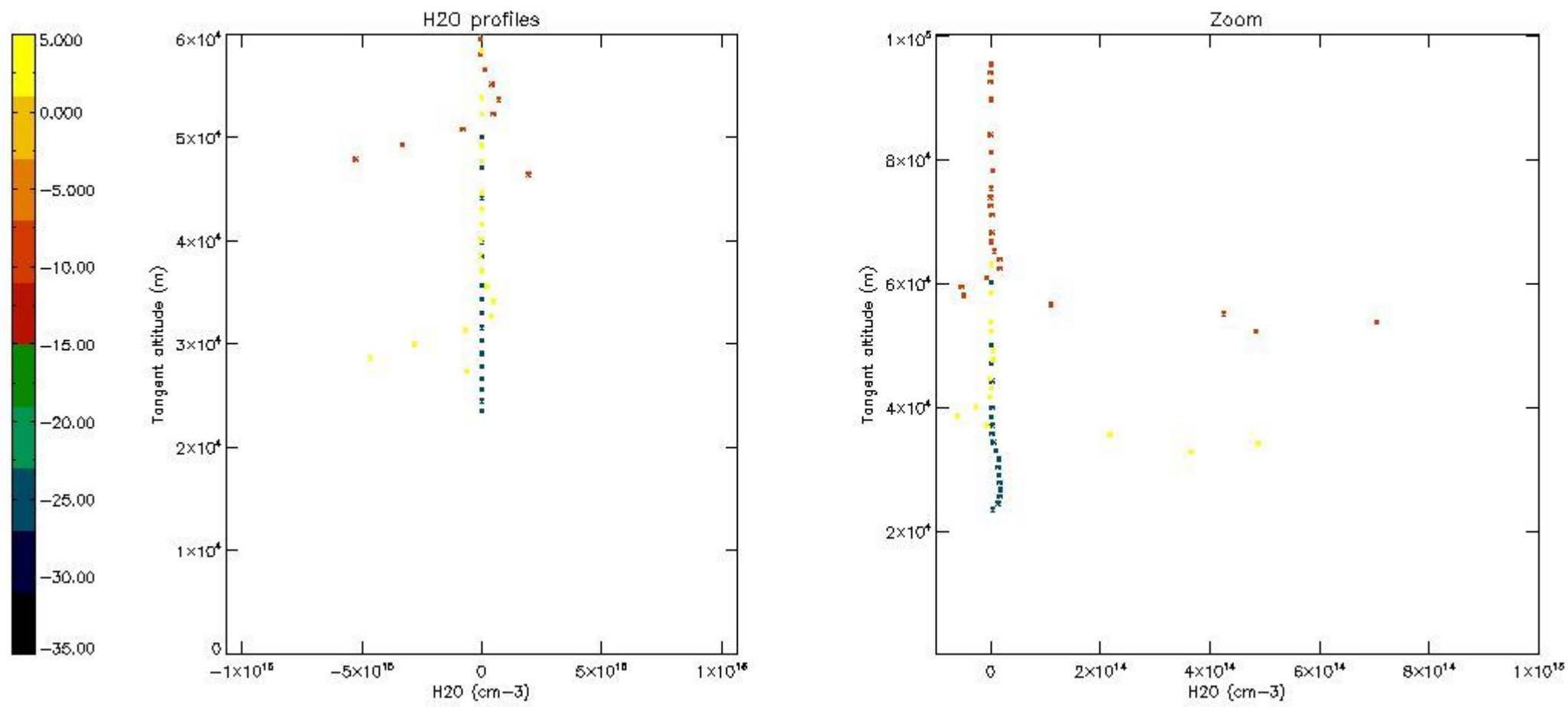
5.7 Plot NO3 profiles for all STD (dark without errors)

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	22-JAN-2009 00:02:10
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-JAN-2009 00:02:10
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-JAN-2009 00:02:10

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 16:55:52
Data source version	GOMOS/6.01
Start time of products	22-01-2009 (22JAN2009 00:00:00)
Stop time of products	23-01-2009 (23JAN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	442
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

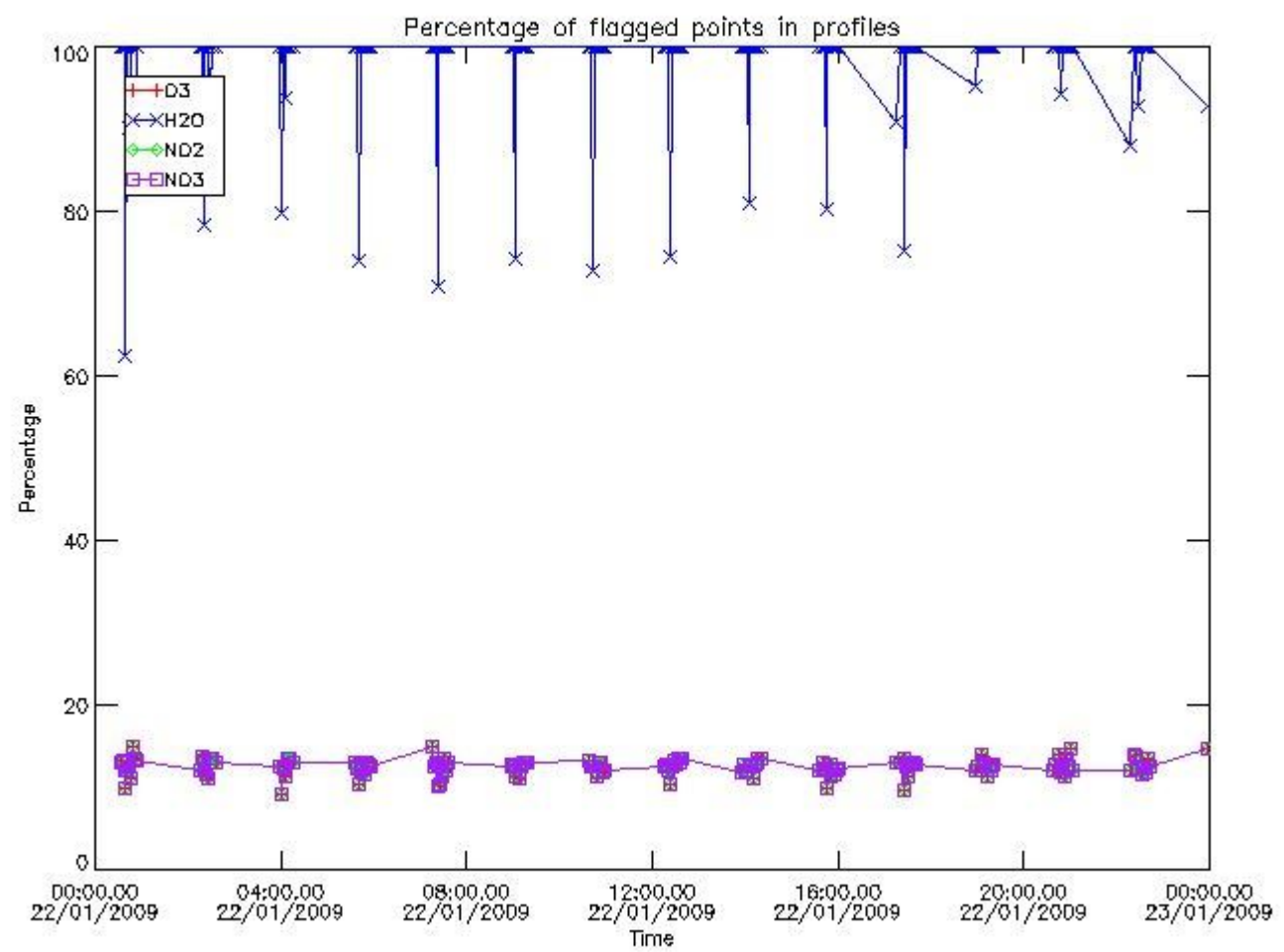
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090122_000210_000000392075_00431_36056_6208.N1	22-JAN-2009 00:02:10	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36056	No
2	GOM_NL__2PRFIN20090122_000459_000000382075_00431_36056_6209.N1	22-JAN-2009 00:04:59	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	36056	No
3	GOM_NL__2PRFIN20090122_001122_000000572075_00431_36056_6210.N1	22-JAN-2009 00:11:22	Bright	57.000	133	40Zet Her	2.8070	6000.0	114	36056	No
4	GOM_NL__2PRFIN20090122_001438_000000582075_00431_36056_6211.N1	22-JAN-2009 00:14:38	Bright	58.000	127	27Bet Her	2.7810	4700.0	116	36056	No
5	GOM_NL__2PRFIN20090122_001617_000000522075_00431_36056_6212.N1	22-JAN-2009 00:16:17	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36056	No
6	GOM_NL__2PRFIN20090122_001823_000000352075_00431_36056_6213.N1	22-JAN-2009 00:18:23	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	36056	No
7	GOM_NL__2PRFIN20090122_002355_000000422075_00431_36056_6214.N1	22-JAN-2009 00:23:55	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	36056	No
8	GOM_NL__2PRFIN20090122_002825_000000522075_00431_36056_6215.N1	22-JAN-2009 00:28:25	Twilight	52.000	16	21Alp Sco	1.0200	3000.0	104	36056	No
9	GOM_NL__2PRFIN20090122_002955_000000422075_00431_36056_6216.N1	22-JAN-2009 00:29:55	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	36056	No
10	GOM_NL__2PRFIN20090122_003354_000000402075_00431_36056_6217.N1	22-JAN-2009 00:33:54	Dark	39.500	131	Gam Lup	2.8000	26000.	79	36056	No
11	GOM_NL__2PRFIN20090122_003552_000000432075_00431_36056_6218.N1	22-JAN-2009 00:35:52	Dark	42.500	109	Bet Lup	2.6770	26000.	85	36056	No
12	GOM_NL__2PRFIN20090122_003721_000000432075_00431_36056_6219.N1	22-JAN-2009 00:37:21	Dark	42.500	78	Alp Lup	2.3040	28000.	85	36056	No
13	GOM_NL__2PRFIN20090122_003933_000000512075_00432_36057_6203.N1	22-JAN-2009 00:39:33	Dark	51.000	4	Alp1Cen	-0.010000	5800.0	102	36057	No
14	GOM_NL__2PRFIN20090122_004055_000000422075_00432_36057_6204.N1	22-JAN-2009 00:40:55	Dark	42.000	77	Eps Cen	2.3030	28000.	84	36057	No
15	GOM_NL__2PRFIN20090122_004405_000000412075_00432_36057_6205.N1	22-JAN-2009 00:44:05	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	36057	No
16	GOM_NL__2PRFIN20090122_004528_000000462075_00432_36057_6206.N1	22-JAN-2009 00:45:28	Dark	46.000	99	Del Cen	2.5750	26000.	92	36057	No
17	GOM_NL__2PRFIN20090122_004817_000000382075_00432_36057_6207.N1	22-JAN-2009 00:48:17	Dark	37.500	29	Bet Car	1.6720	10200.	75	36057	No
18	GOM_NL__2PRFIN20090122_005024_000000382075_00432_36057_6208.N1	22-JAN-2009 00:50:24	Dark	38.000	71	lot Car	2.2460	7700.0	76	36057	No
19	GOM_NL__2PRFIN20090122_005452_000000392075_00432_36057_6209.N1	22-JAN-2009 00:54:52	Dark	38.500	34	Gam2Vel	1.7930	23000.	77	36057	No
20	GOM_NL__2PRFIN20090122_005659_000000412075_00432_36057_6210.N1	22-JAN-2009 00:56:59	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	36057	No
21	GOM_NL__2PRFIN20090122_005831_000000432075_00432_36057_6211.N1	22-JAN-2009 00:58:31	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	36057	No
22	GOM_NL__2PRFIN20090122_010100_000000412075_00432_36057_6212.N1	22-JAN-2009 01:01:00	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	36057	No
23	GOM_NL__2PRFIN20090122_010224_000000392075_00432_36057_6213.N1	22-JAN-2009 01:02:24	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	36057	No
24	GOM_NL__2PRFIN20090122_010434_000000442075_00432_36057_6214.N1	22-JAN-2009 01:04:34	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	36057	No
25	GOM_NL__2PRFIN20090122_011050_000000502075_00432_36057_6215.N1	22-JAN-2009 01:10:50	Twilight_stray	50.000	8	10Alp CMi	0.40000	6500.0	100	36057	No
26	GOM_NL__2PRFIN20090122_011358_000000462075_00432_36057_6216.N1	22-JAN-2009 01:13:58	Bright	45.500	44	24Gam Gem	1.9280	11000.	91	36057	No
27	GOM_NL__2PRFIN20090122_011543_000000412075_00432_36057_6217.N1	22-JAN-2009 01:15:43	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	36057	No
28	GOM_NL__2PRFIN20090122_011855_000000422075_00432_36057_6218.N1	22-JAN-2009 01:18:55	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	36057	No
29	GOM_NL__2PRFIN20090122_012205_000000372075_00432_36057_6219.N1	22-JAN-2009 01:22:05	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	36057	No
30	GOM_NL__2PRFIN20090122_013437_000000342075_00432_36057_6220.N1	22-JAN-2009 01:34:37	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	36057	No
31	GOM_NL__2PRFIN20090122_013816_000000412075_00432_36057_6221.N1	22-JAN-2009 01:38:16	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	36057	No
32	GOM_NL__2PRFIN20090122_014246_000000392075_00432_36057_6222.N1	22-JAN-2009 01:42:46	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36057	No
33	GOM_NL__2PRFIN20090122_014535_000000452075_00432_36057_6223.N1	22-JAN-2009 01:45:35	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	36057	No
34	GOM_NL__2PRFIN20090122_015158_000000382075_00432_36057_6224.N1	22-JAN-2009 01:51:58	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	36057	No
35	GOM_NL__2PRFIN20090122_015514_000000402075_00432_36057_6225.N1	22-JAN-2009 01:55:14	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	36057	No
36	GOM_NL__2PRFIN20090122_015653_000000352075_00432_36057_6226.N1	22-JAN-2009 01:56:53	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	36057	No
37	GOM_NL__2PRFIN20090122_015859_000000342075_00432_36057_6227.N1	22-JAN-2009 01:58:59	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	36057	No
38	GOM_NL__2PRFIN20090122_020432_000000422075_00432_36057_6228.N1	22-JAN-2009 02:04:32	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	36057	No
39	GOM_NL__2PRFIN20090122_020901_000000552075_00432_36057_6229.N1	22-JAN-2009 02:09:01	Twilight	55.000	16	21Alp Sco	1.0200	3000.0	110	36057	No
40	GOM_NL__2PRFIN20090122_021629_000000422075_00432_36057_6230.N1	22-JAN-2009 02:16:29	Dark	42.000	109	Bet Lup	2.6770	26000.	84	36057	No
41	GOM_NL__2PRFIN20090122_021757_000000412075_00432_36057_6231.N1	22-JAN-2009 02:17:57	Dark	41.000	78	Alp Lup	2.3040	28000.	82	36057	No
42	GOM_NL__2PRFIN20090122_022010_000000422075_00433_36058_6217.N1	22-JAN-2009 02:20:10	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	36058	No

397	GOM_NL__2PRFIN20090122_212110_000000382075_00444_36069_6501.N1	22-JAN-2009 21:21:10	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	36069	No
398	GOM_NL__2PRFIN20090122_212255_000000402075_00444_36069_6502.N1	22-JAN-2009 21:22:55	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	36069	No
399	GOM_NL__2PRFIN20090122_212603_000000412075_00444_36069_6503.N1	22-JAN-2009 21:26:03	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	36069	No
400	GOM_NL__2PRFIN20090122_212917_000000372075_00444_36069_6504.N1	22-JAN-2009 21:29:17	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	36069	No
401	GOM_NL__2PRFIN20090122_214148_000000382075_00444_36069_6505.N1	22-JAN-2009 21:41:48	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	36069	No
402	GOM_NL__2PRFIN20090122_214525_000000402075_00444_36069_6506.N1	22-JAN-2009 21:45:25	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	36069	No
403	GOM_NL__2PRFIN20090122_214956_000000392075_00444_36069_6507.N1	22-JAN-2009 21:49:56	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	36069	No
404	GOM_NL__2PRFIN20090122_215247_000000392075_00444_36069_6508.N1	22-JAN-2009 21:52:47	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	36069	No
405	GOM_NL__2PRFIN20090122_215911_000000382075_00444_36069_6509.N1	22-JAN-2009 21:59:11	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	36069	No
406	GOM_NL__2PRFIN20090122_220229_000000592075_00444_36069_6510.N1	22-JAN-2009 22:02:29	Bright	59.000	127	27Bet Her	2.7810	4700.0	118	36069	No
407	GOM_NL__2PRFIN20090122_220407_000000362075_00444_36069_6511.N1	22-JAN-2009 22:04:07	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	36069	No
408	GOM_NL__2PRFIN20090122_220613_000000352075_00444_36069_6512.N1	22-JAN-2009 22:06:13	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	36069	No
409	GOM_NL__2PRFIN20090122_221148_000000462075_00444_36069_6513.N1	22-JAN-2009 22:11:48	Bright	46.000	98	13Zet Oph	2.5710	30000.	92	36069	No
410	GOM_NL__2PRFIN20090122_221619_000000472075_00444_36069_6514.N1	22-JAN-2009 22:16:19	Twilight	47.000	16	21Alp Sco	1.0200	3000.0	94	36069	No
411	GOM_NL__2PRFIN20090122_221747_000000422075_00444_36069_6515.N1	22-JAN-2009 22:17:47	Dark	42.000	75	26Eps Sco	2.2910	4250.0	84	36069	No
412	GOM_NL__2PRFIN20090122_222149_000000402075_00444_36069_6516.N1	22-JAN-2009 22:21:49	Dark	40.000	131	Gam Lup	2.8000	26000.	80	36069	No
413	GOM_NL__2PRFIN20090122_222606_000000372075_00445_36070_6553.N1	22-JAN-2009 22:26:06	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	36070	No
414	GOM_NL__2PRFIN20090122_222832_000000422075_00445_36070_6554.N1	22-JAN-2009 22:28:32	Dark	41.500	10	Bet Cen	0.61000	28000.	83	36070	No
415	GOM_NL__2PRFIN20090122_223159_000000452075_00445_36070_6555.N1	22-JAN-2009 22:31:59	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	36070	No
416	GOM_NL__2PRFIN20090122_223326_000000452075_00445_36070_6556.N1	22-JAN-2009 22:33:26	Dark	45.000	99	Del Cen	2.5750	26000.	90	36070	No
417	GOM_NL__2PRFIN20090122_223608_000000422075_00445_36070_6557.N1	22-JAN-2009 22:36:08	Dark	41.500	29	Bet Car	1.6720	10200.	83	36070	No
418	GOM_NL__2PRFIN20090122_223817_000000432075_00445_36070_6558.N1	22-JAN-2009 22:38:17	Dark	43.000	71	lot Car	2.2460	7700.0	86	36070	No
419	GOM_NL__2PRFIN20090122_224006_000000382075_00445_36070_6559.N1	22-JAN-2009 22:40:06	Dark	38.000	46	Del Vel	1.9540	10600.	76	36070	No
420	GOM_NL__2PRFIN20090122_224244_000000412075_00445_36070_6560.N1	22-JAN-2009 22:42:44	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	36070	No
421	GOM_NL__2PRFIN20090122_224450_000000402075_00445_36070_6561.N1	22-JAN-2009 22:44:50	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	36070	No
422	GOM_NL__2PRFIN20090122_224621_000000452075_00445_36070_6562.N1	22-JAN-2009 22:46:21	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	36070	No
423	GOM_NL__2PRFIN20090122_224850_000000392075_00445_36070_6563.N1	22-JAN-2009 22:48:50	Straylight	38.500	23	21Eps CMa	1.5020	26000.	77	36070	No
424	GOM_NL__2PRFIN20090122_225014_000000372075_00445_36070_6564.N1	22-JAN-2009 22:50:14	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	36070	No
425	GOM_NL__2PRFIN20090122_225223_000000442075_00445_36070_6565.N1	22-JAN-2009 22:52:23	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	36070	No
426	GOM_NL__2PRFIN20090122_225836_000000562075_00445_36070_6566.N1	22-JAN-2009 22:58:36	Tw_i_and_stray	55.500	8	10Alp CMi	0.40000	6500.0	111	36070	No
427	GOM_NL__2PRFIN20090122_230145_000000382075_00445_36070_6567.N1	22-JAN-2009 23:01:45	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	36070	No
428	GOM_NL__2PRFIN20090122_230331_000000402075_00445_36070_6568.N1	22-JAN-2009 23:03:31	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	36070	No
429	GOM_NL__2PRFIN20090122_230541_000000262075_00445_36070_6569.N1	22-JAN-2009 23:05:41	Tw_i_and_stray	26.000	17	78Bet Gem	1.1610	4500.0	52	36070	No
430	GOM_NL__2PRFIN20090122_230638_000000402075_00445_36070_6570.N1	22-JAN-2009 23:06:38	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	36070	No
431	GOM_NL__2PRFIN20090122_230952_000000362075_00445_36070_6571.N1	22-JAN-2009 23:09:52	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	36070	No
432	GOM_NL__2PRFIN20090122_232224_000000372075_00445_36070_6572.N1	22-JAN-2009 23:22:24	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	36070	No
433	GOM_NL__2PRFIN20090122_232601_000000392075_00445_36070_6573.N1	22-JAN-2009 23:26:01	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	36070	No
434	GOM_NL__2PRFIN20090122_233031_000000392075_00445_36070_6574.N1	22-JAN-2009 23:30:31	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	36070	No
435	GOM_NL__2PRFIN20090122_233322_000000362075_00445_36070_6575.N1	22-JAN-2009 23:33:22	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	36070	No
436	GOM_NL__2PRFIN20090122_233947_000000572075_00445_36070_6576.N1	22-JAN-2009 23:39:47	Bright	57.000	133	40Zet Her	2.8070	6000.0	114	36070	No
437	GOM_NL__2PRFIN20090122_234305_000000592075_00445_36070_6577.N1	22-JAN-2009 23:43:05	Bright	59.000	127	27Bet Her	2.7810	4700.0	118	36070	No
438	GOM_NL__2PRFIN20090122_234443_000000522075_00445_36070_6578.N1	22-JAN-2009 23:44:43	Bright	52.000	59	55Alp Oph	2.0800	8900.0	104	36070	No
439	GOM_NL__2PRFIN20090122_234649_000000522075_00445_36070_6579.N1	22-JAN-2009 23:46:49	Bright	52.000	126	60Bet Oph	2.7700	4250.0	104	36070	No
440	GOM_NL__2PRFIN20090122_235225_000000442075_00445_36070_6580.N1	22-JAN-2009 23:52:25	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	36070	No
441	GOM_NL__2PRFIN20090122_235655_000000552075_00445_36070_6581.N1	22-JAN-2009 23:56:55	Twilight	54.500	16	21Alp Sco	1.0200	3000.0	109	36070	No
442	GOM_NL__2PRFIN20090122_235823_000000422075_00445_36070_6582.N1	22-JAN-2009 23:58:23	Dark	41.500	75	26Eps Sco	2.2910	4250.0	83	36070	No

3. Quality information per product

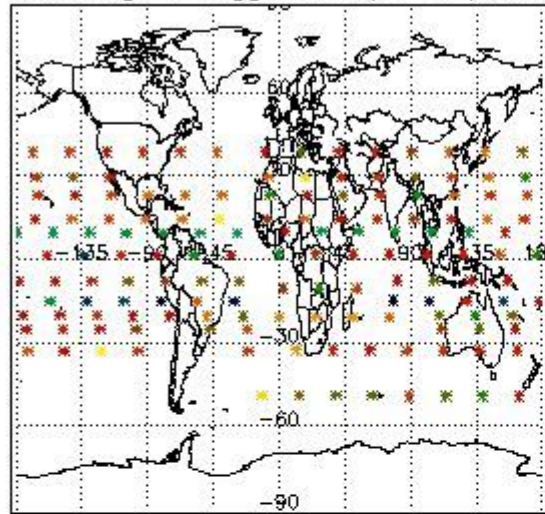
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

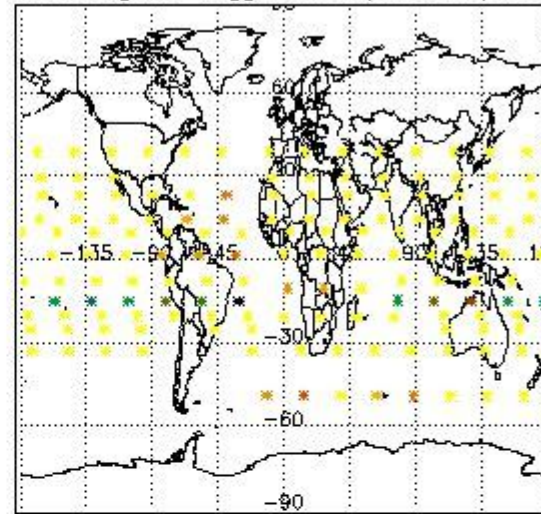


3.2 Plot quality information per product (world map)

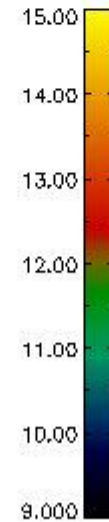
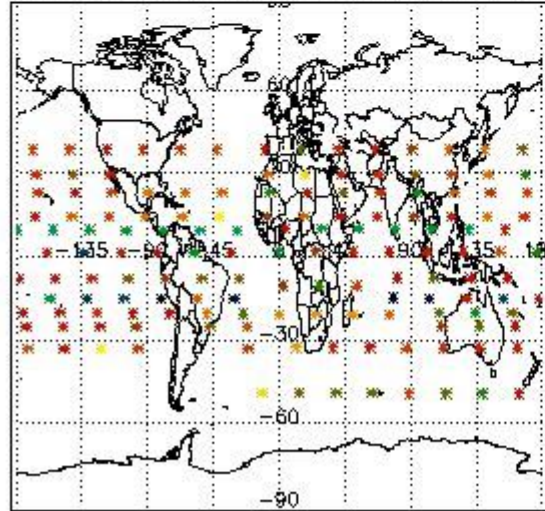
Percentage of flagged data per O3 profile



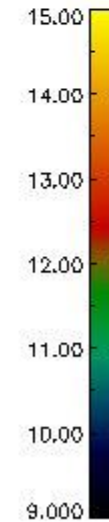
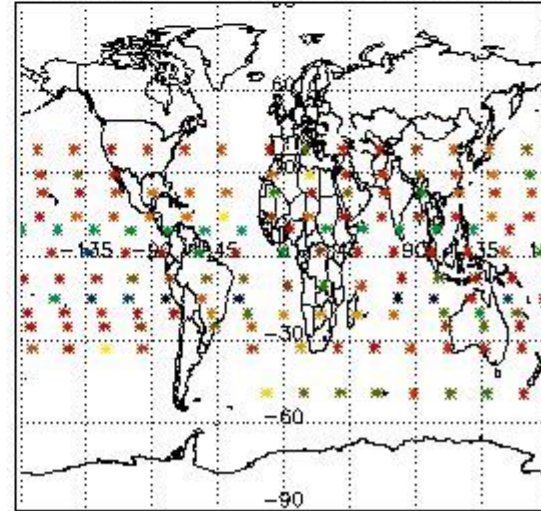
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

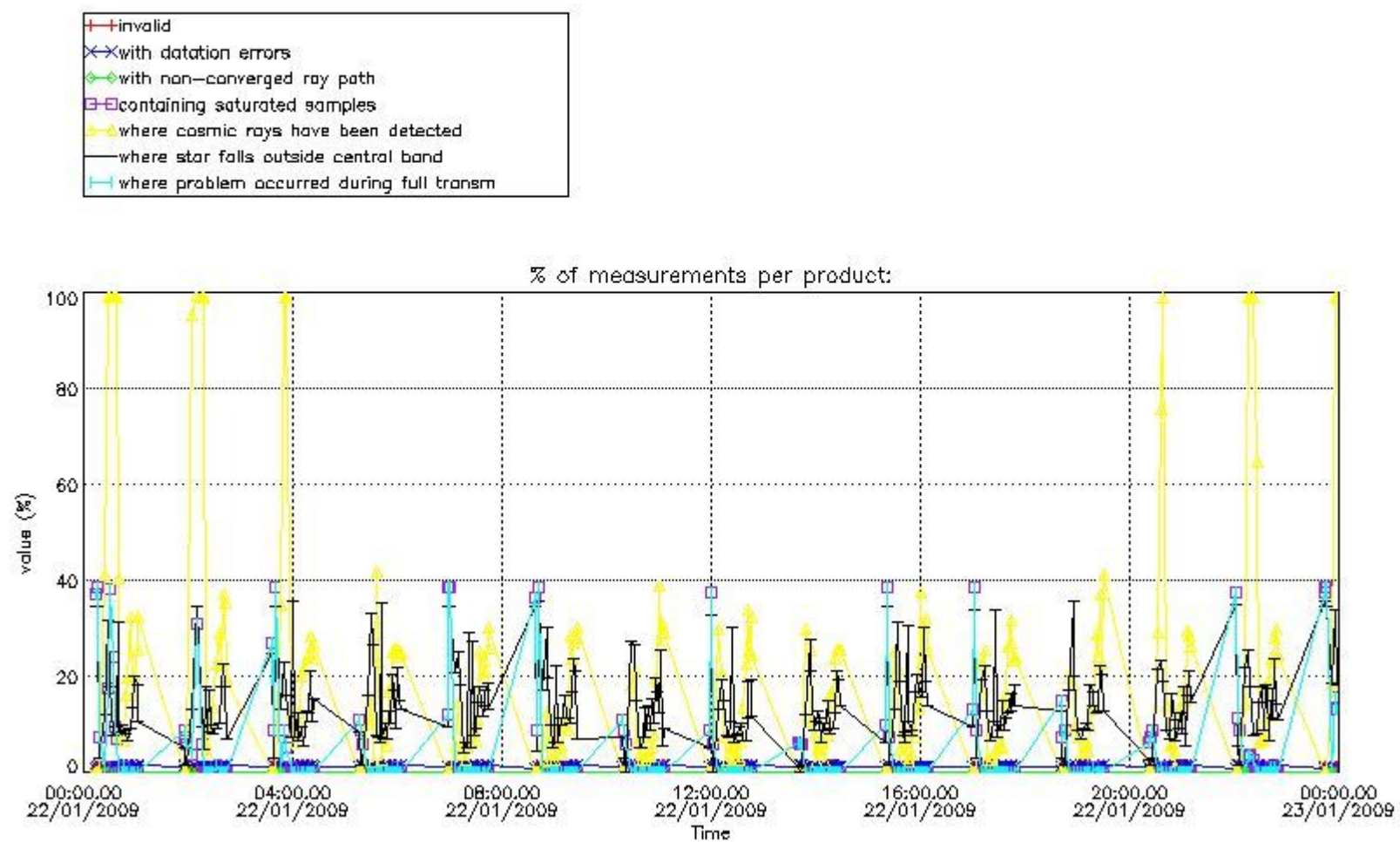


4. Level 1 quality information per product

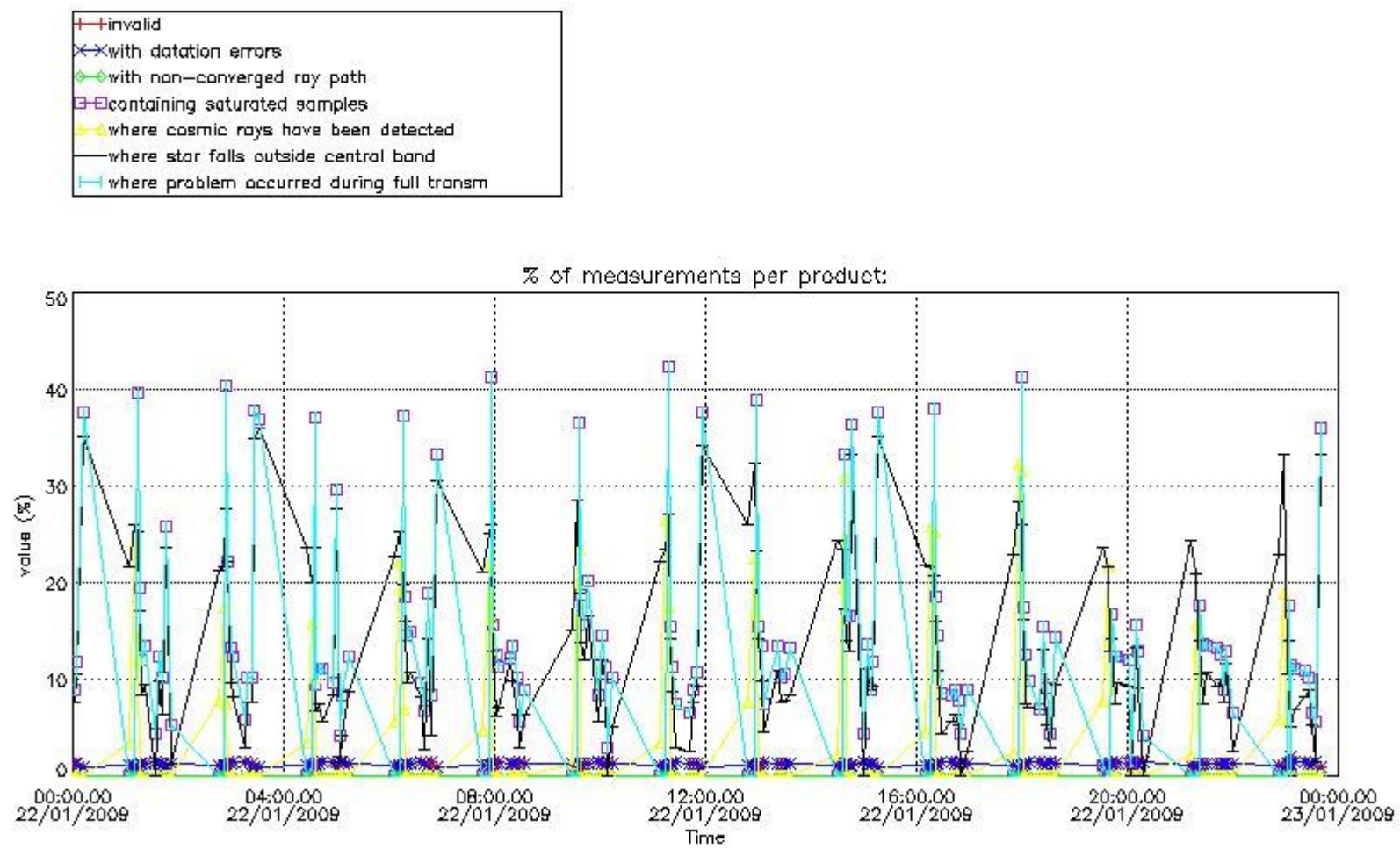
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

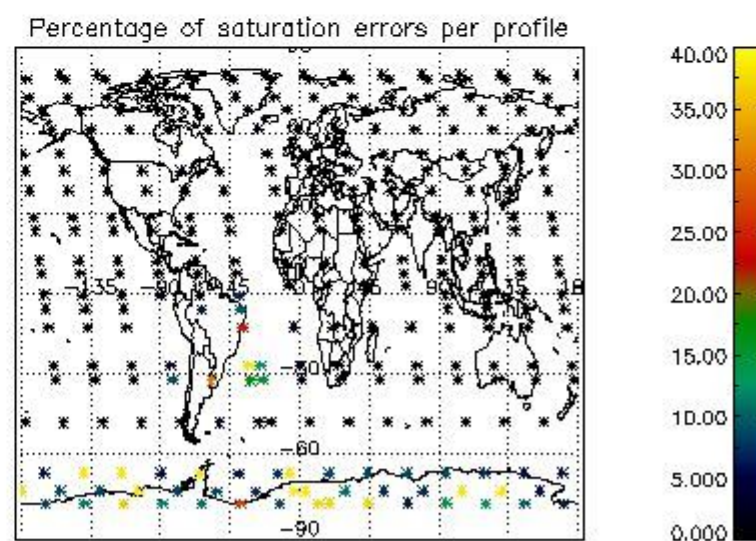
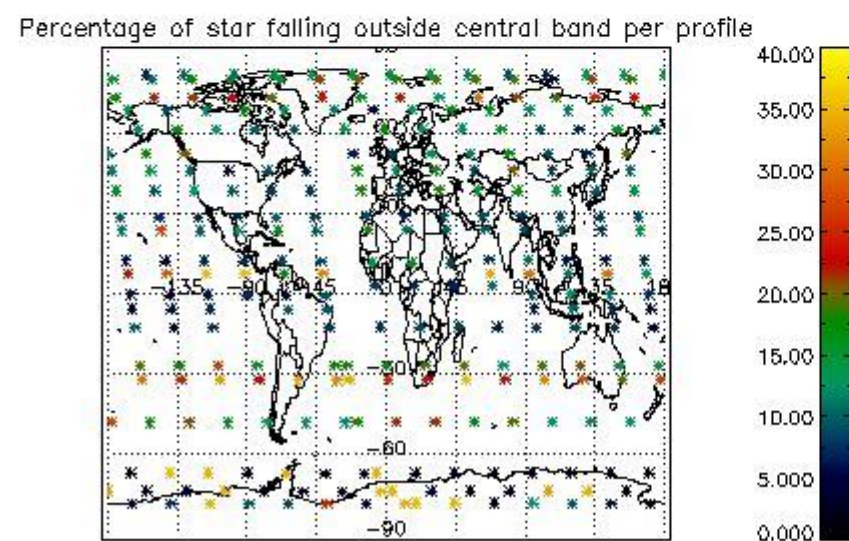
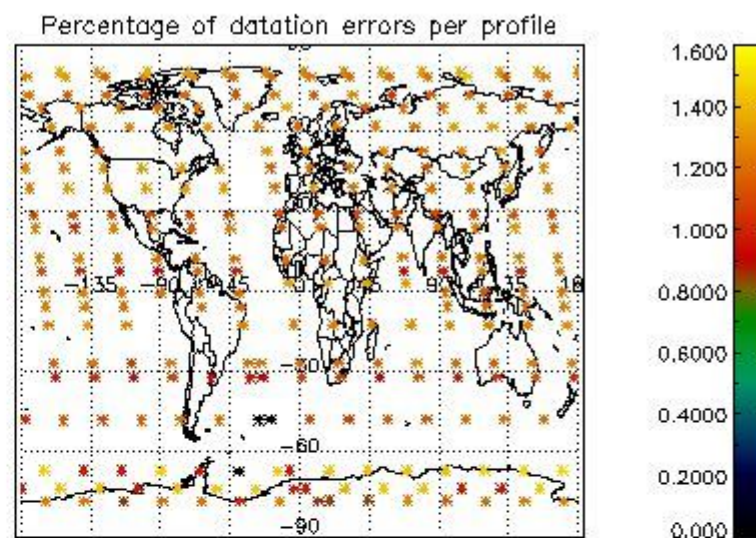
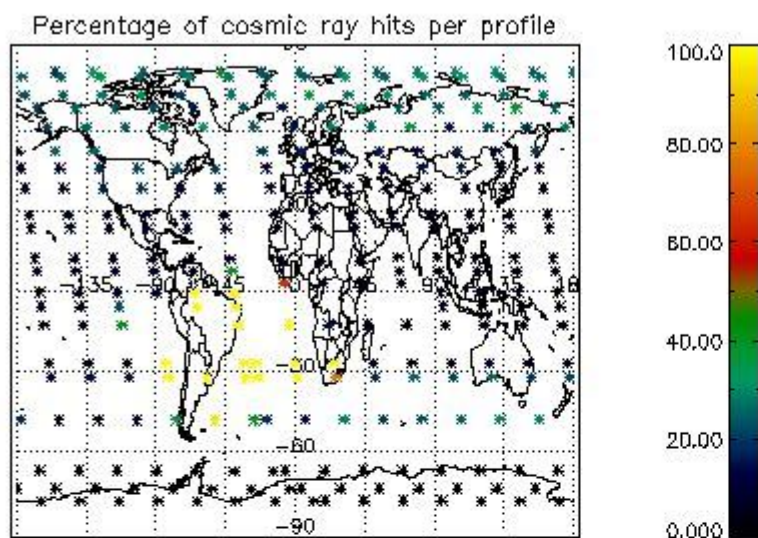


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

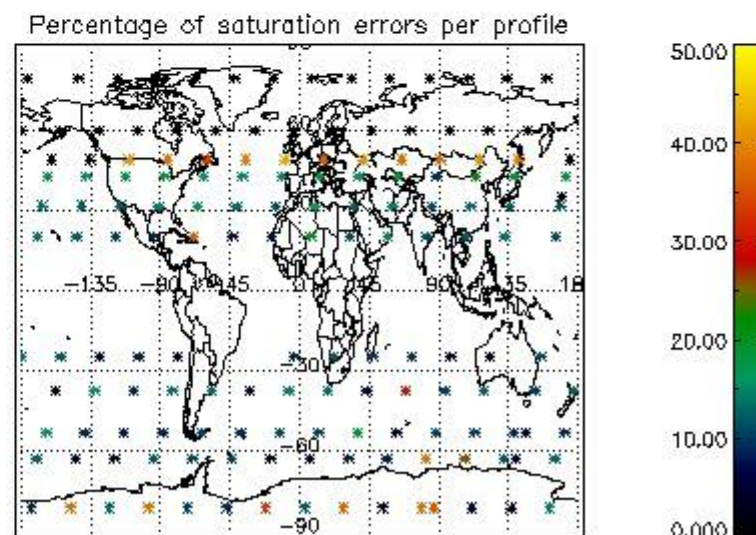
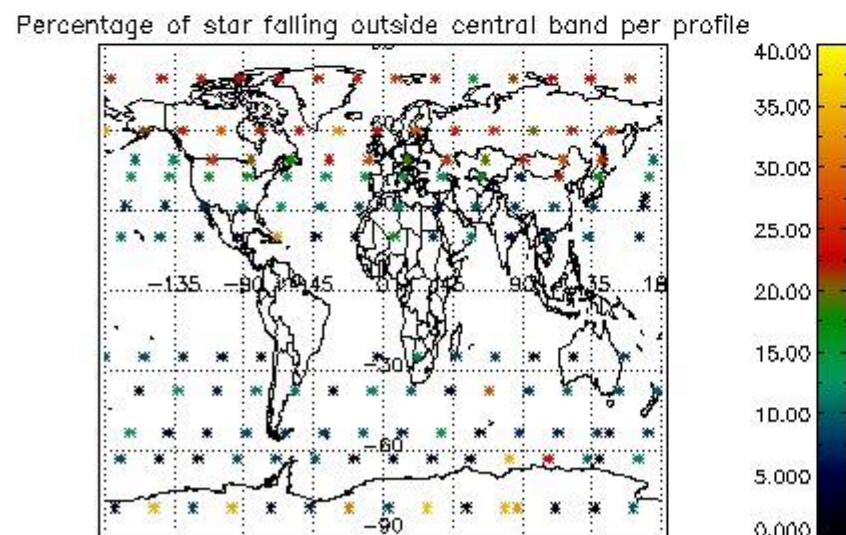
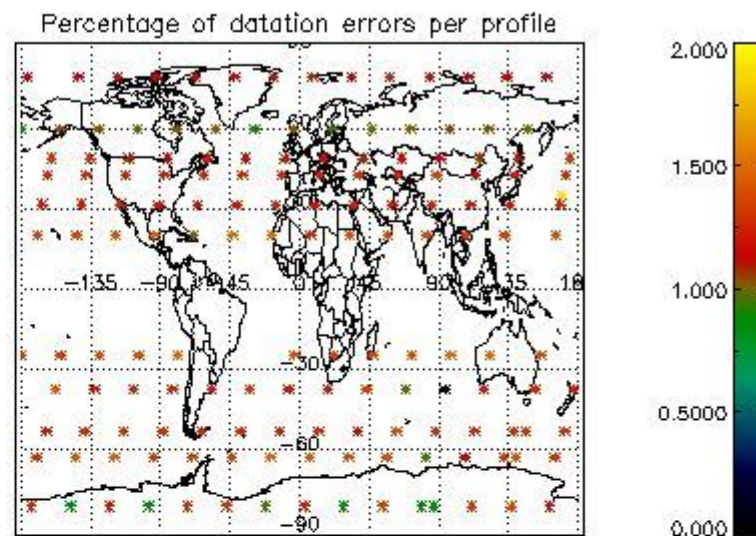
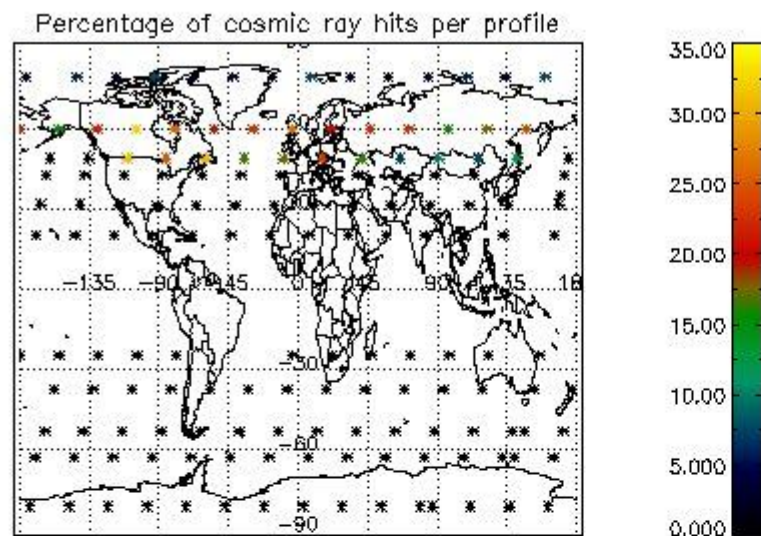


4.2 Plot quality information per product coming from level 1b processing (world map)

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

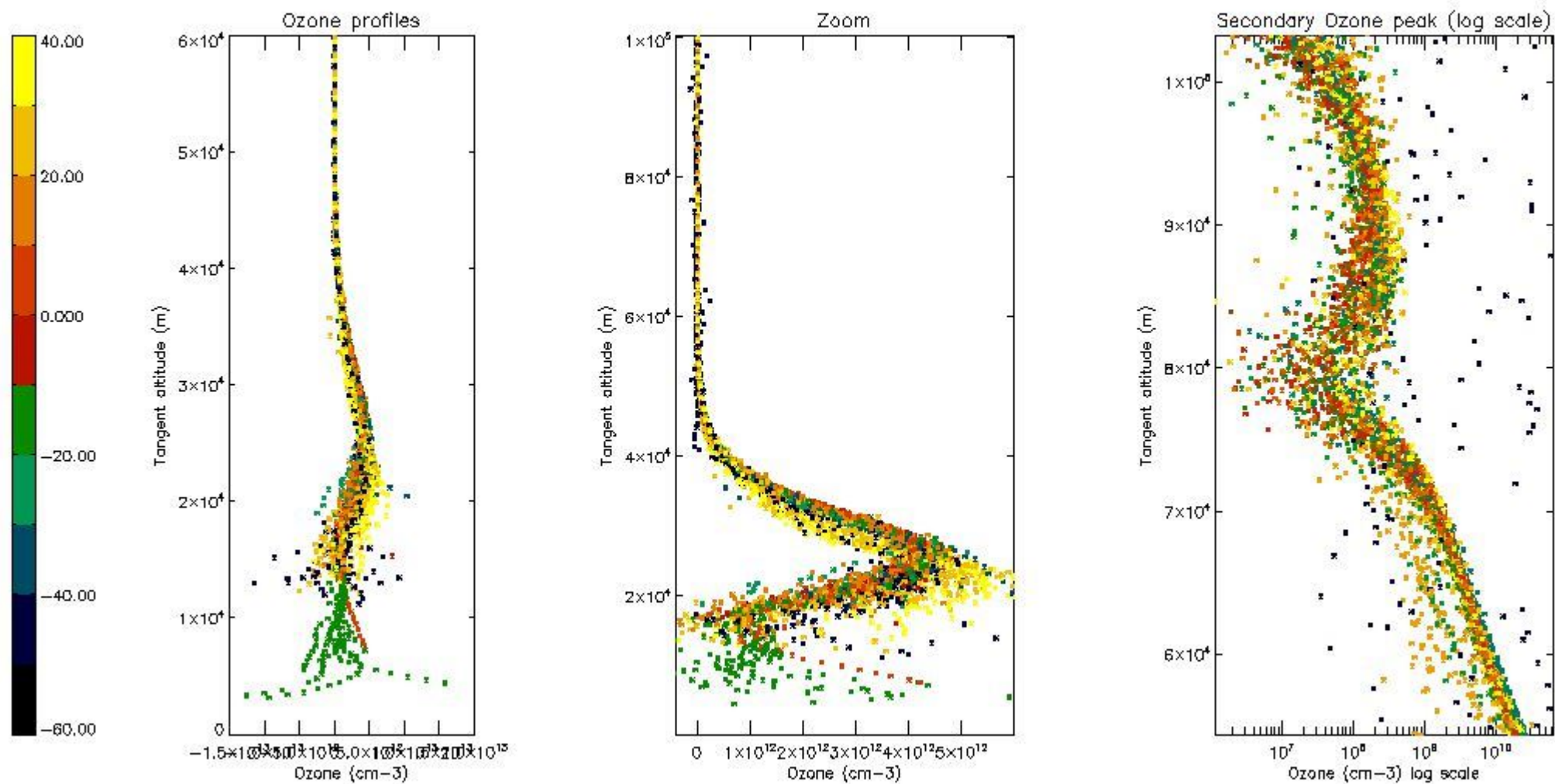
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	20

STD < 10	17
STD < 5	12

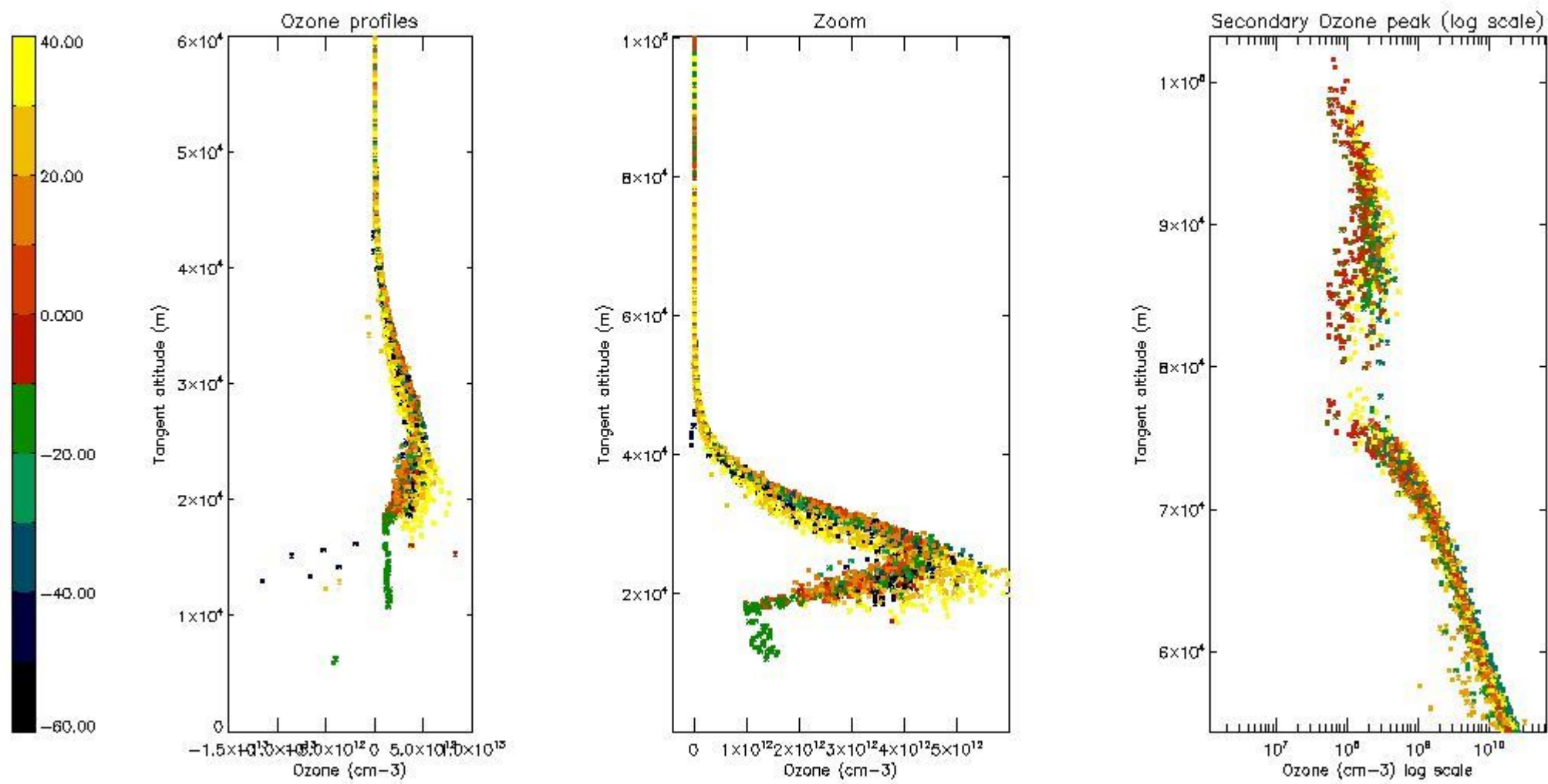
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



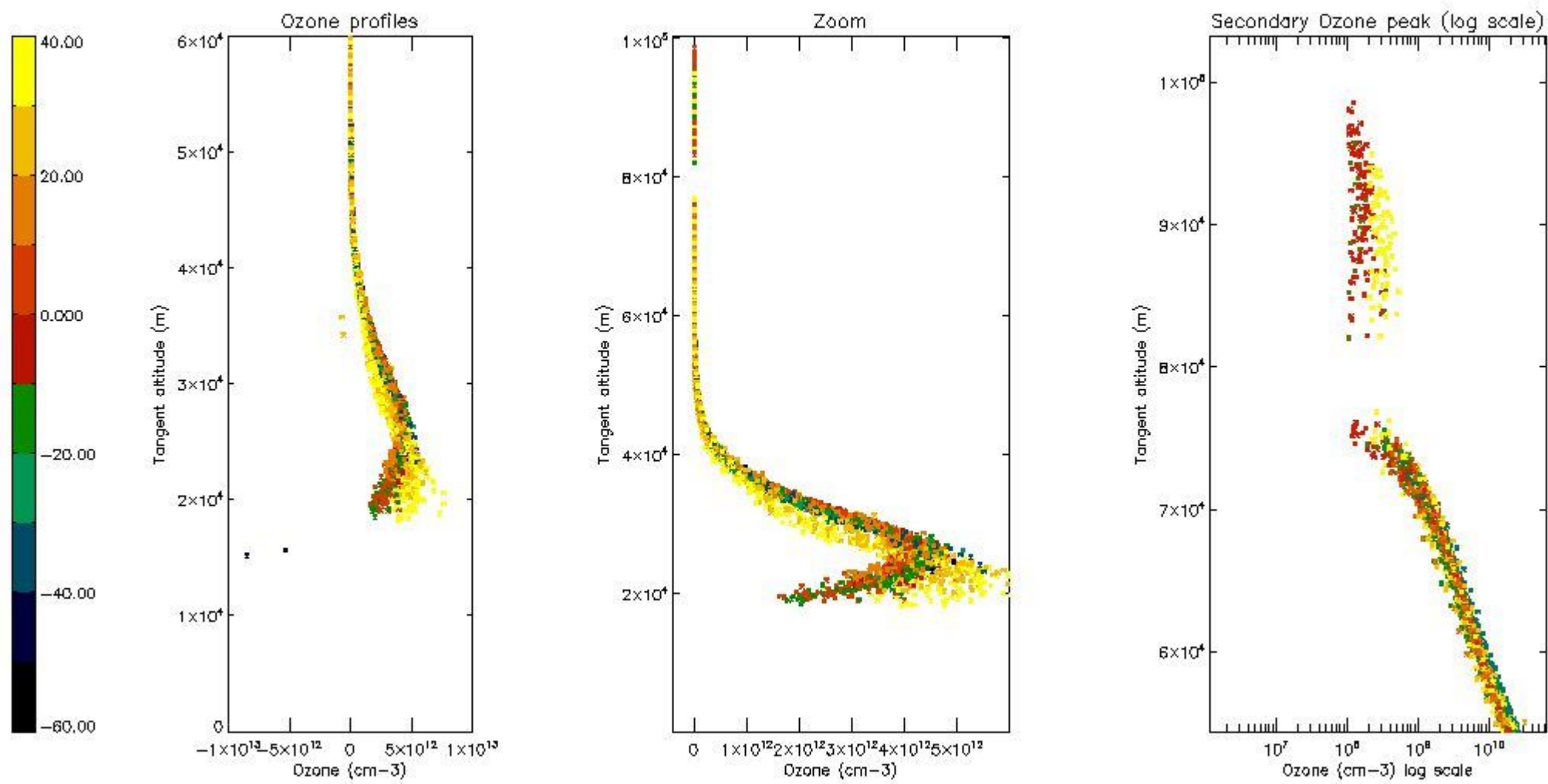
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



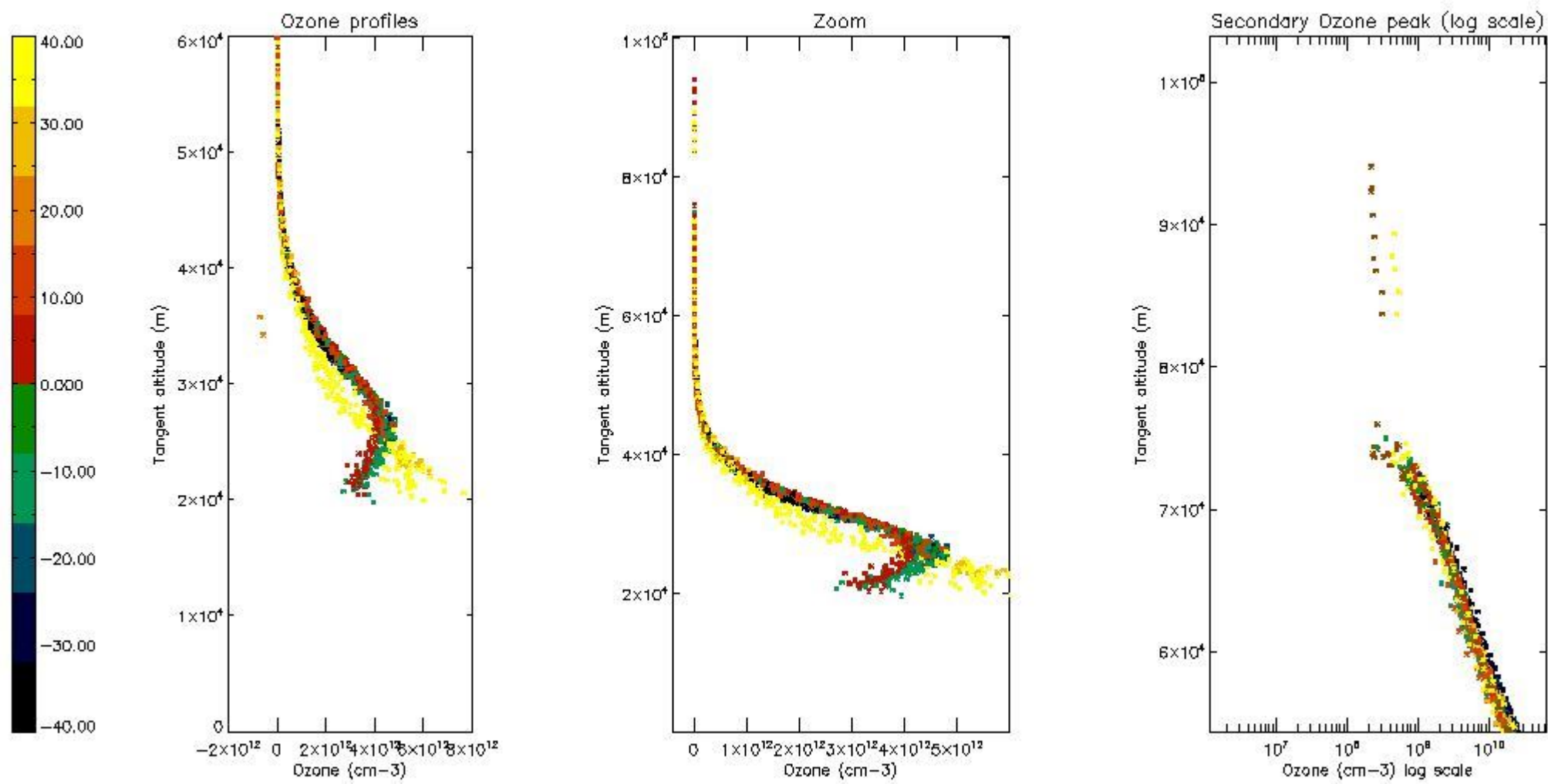
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



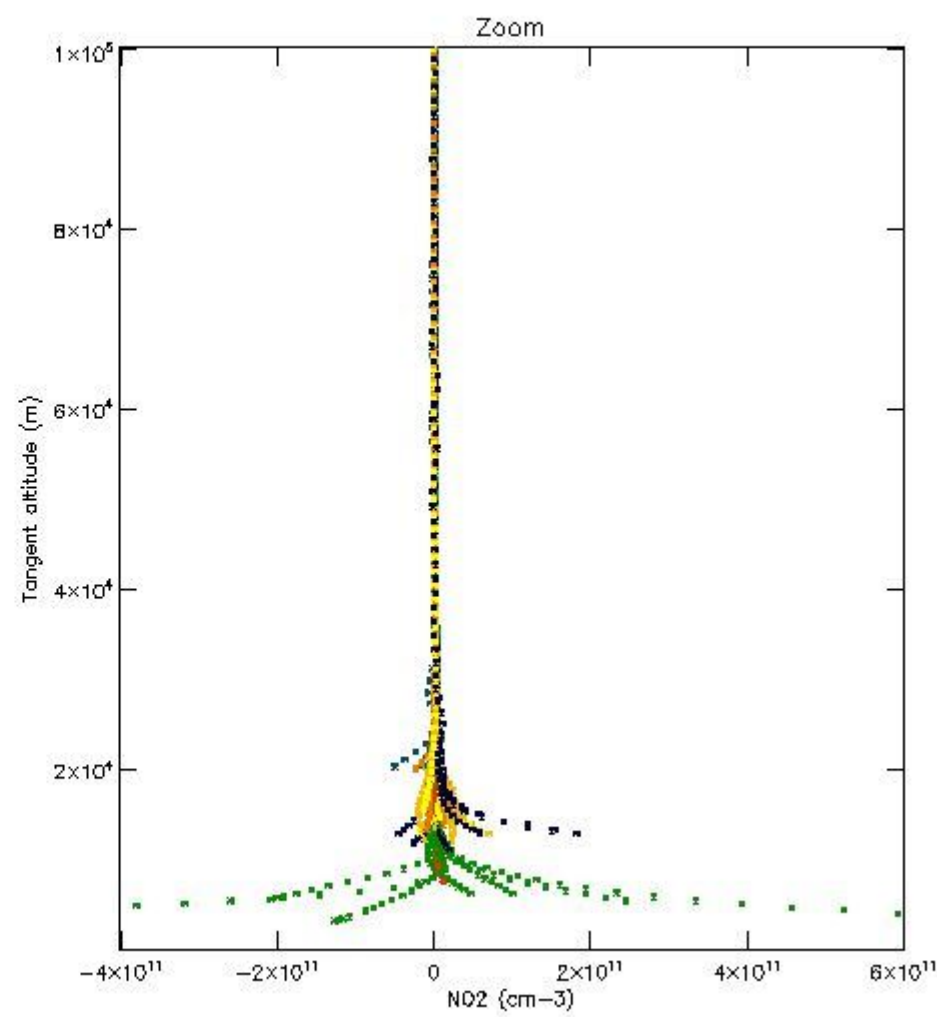
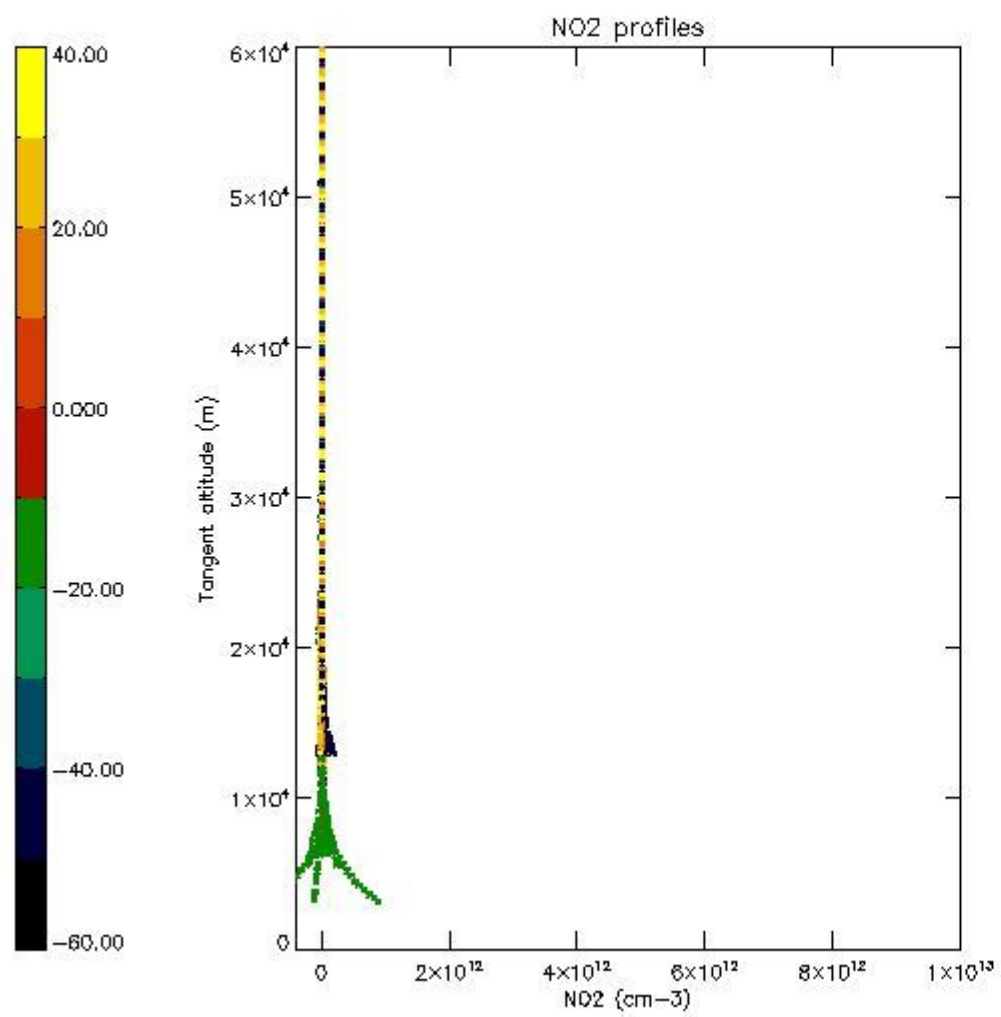
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



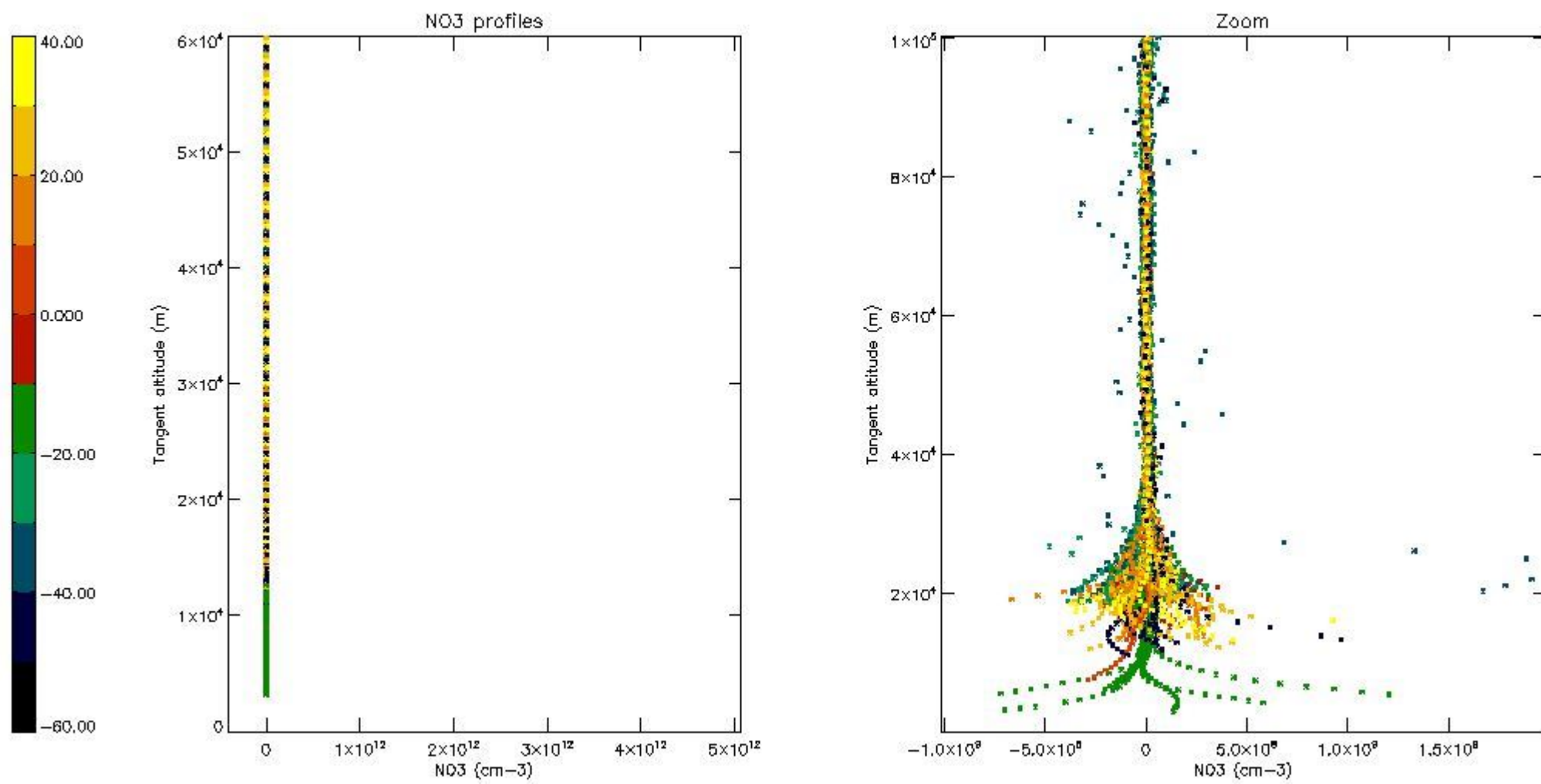
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



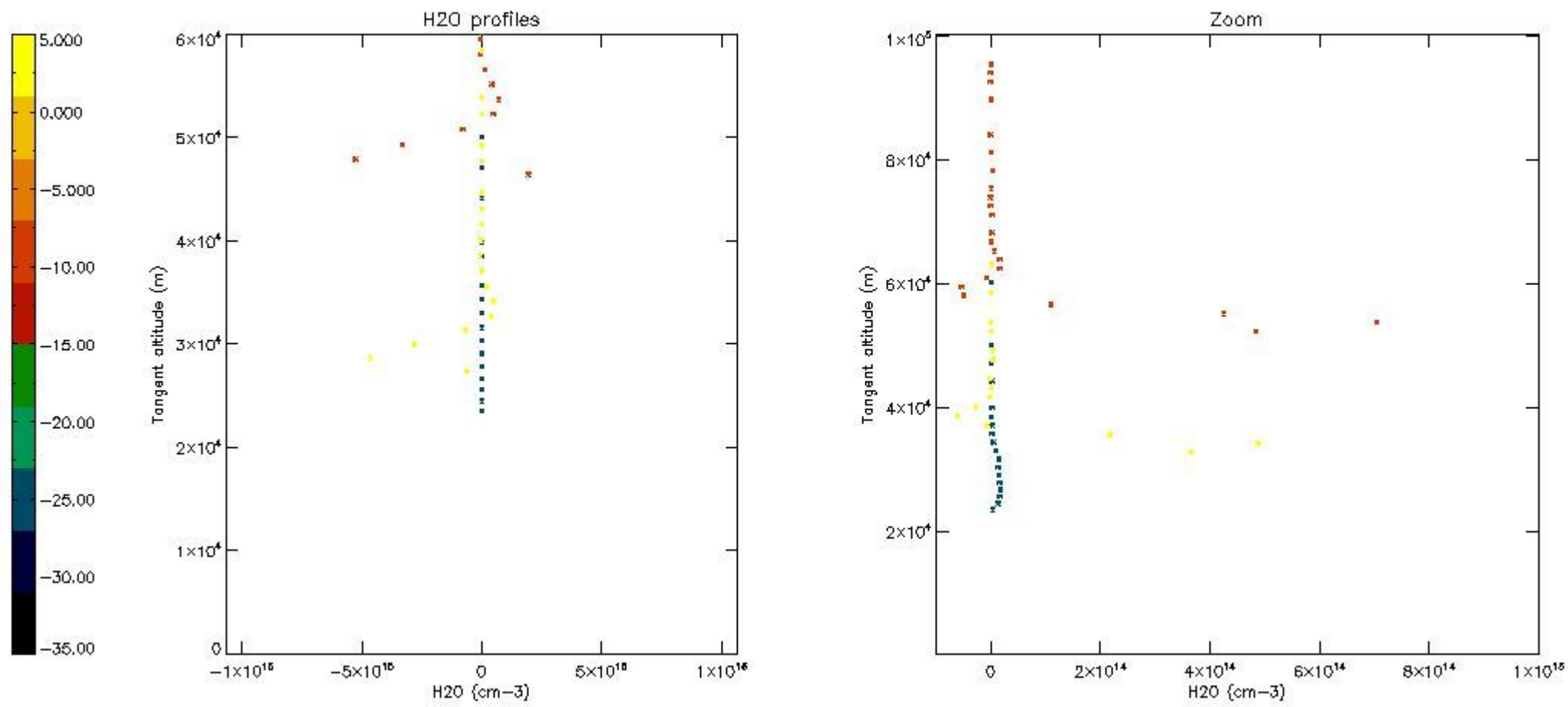
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

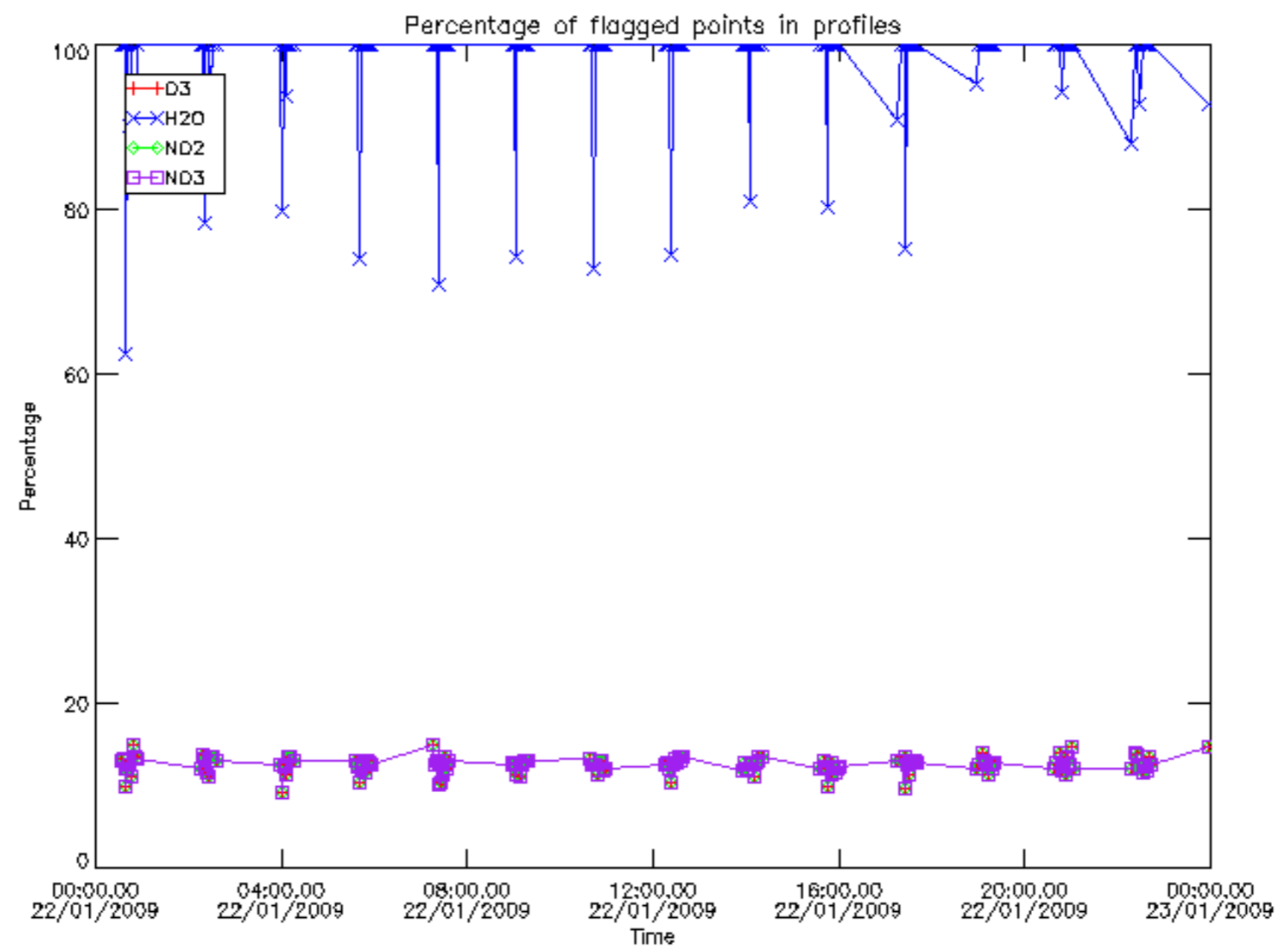
The colorbar represents the latitude.



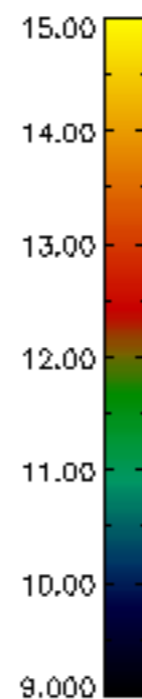
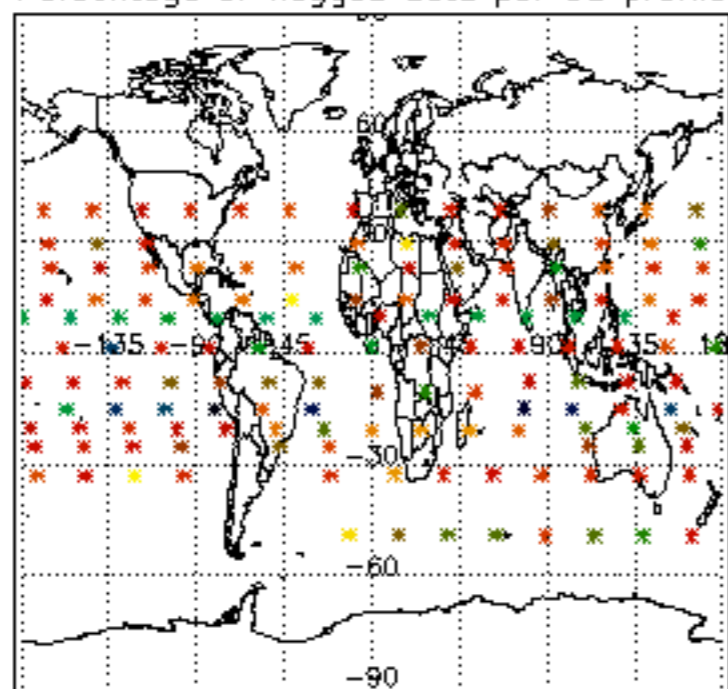
6. Auxiliary Data Files used for the production reported in section 2

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.

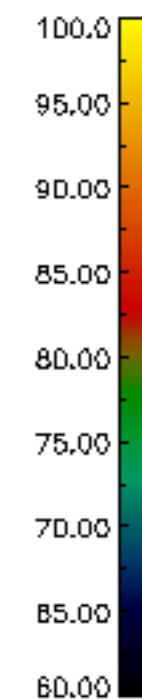
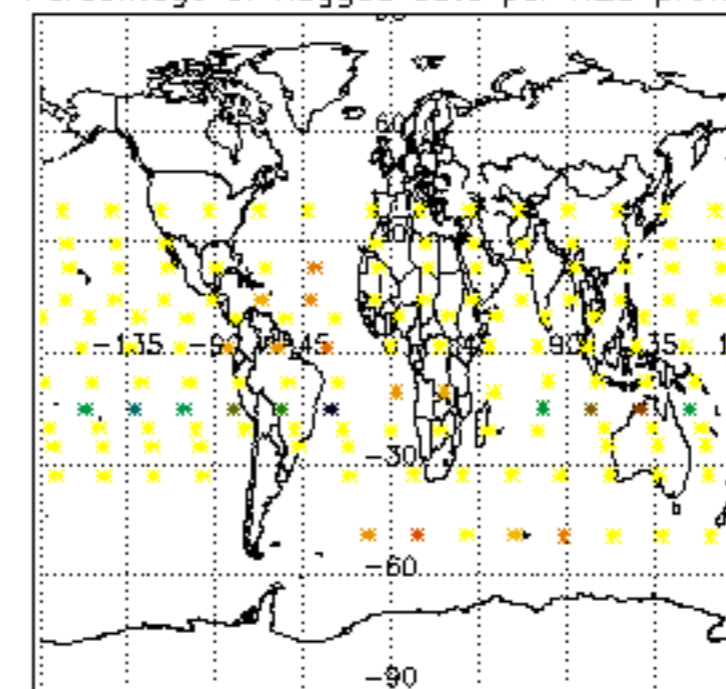
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-JAN-2009 00:02:10
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-JAN-2009 00:02:10
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-JAN-2009 00:02:10



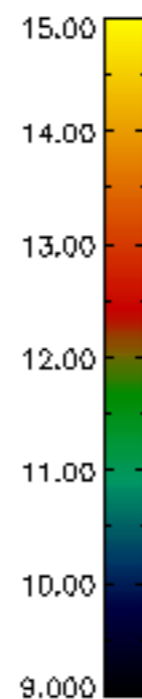
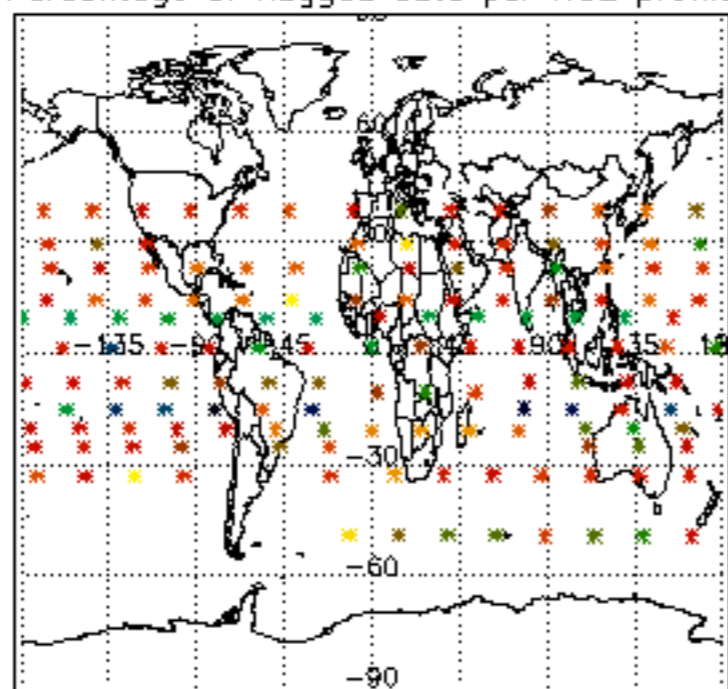
Percentage of flagged data per D3 profile



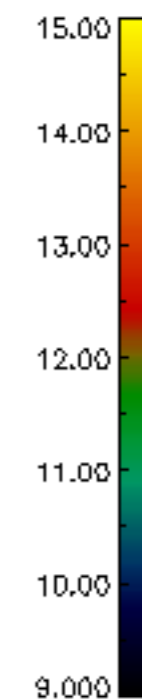
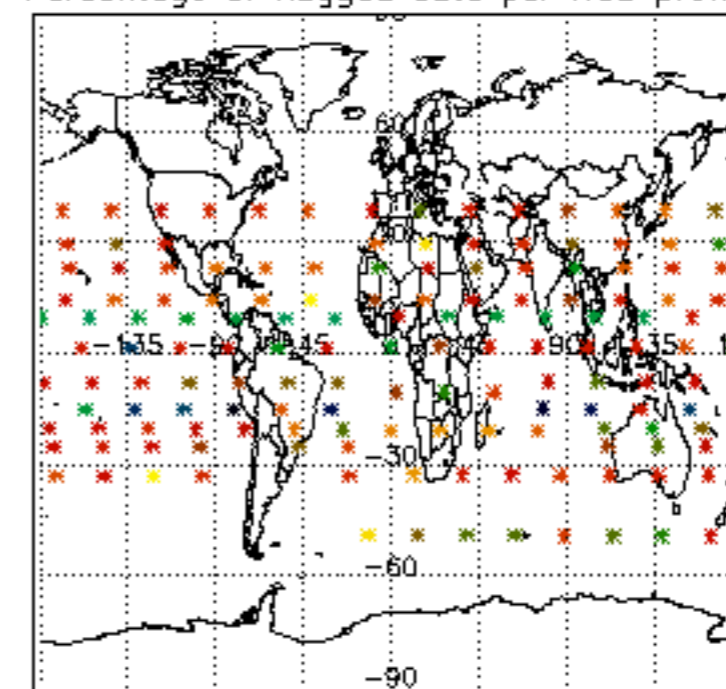
Percentage of flagged data per H2O profile

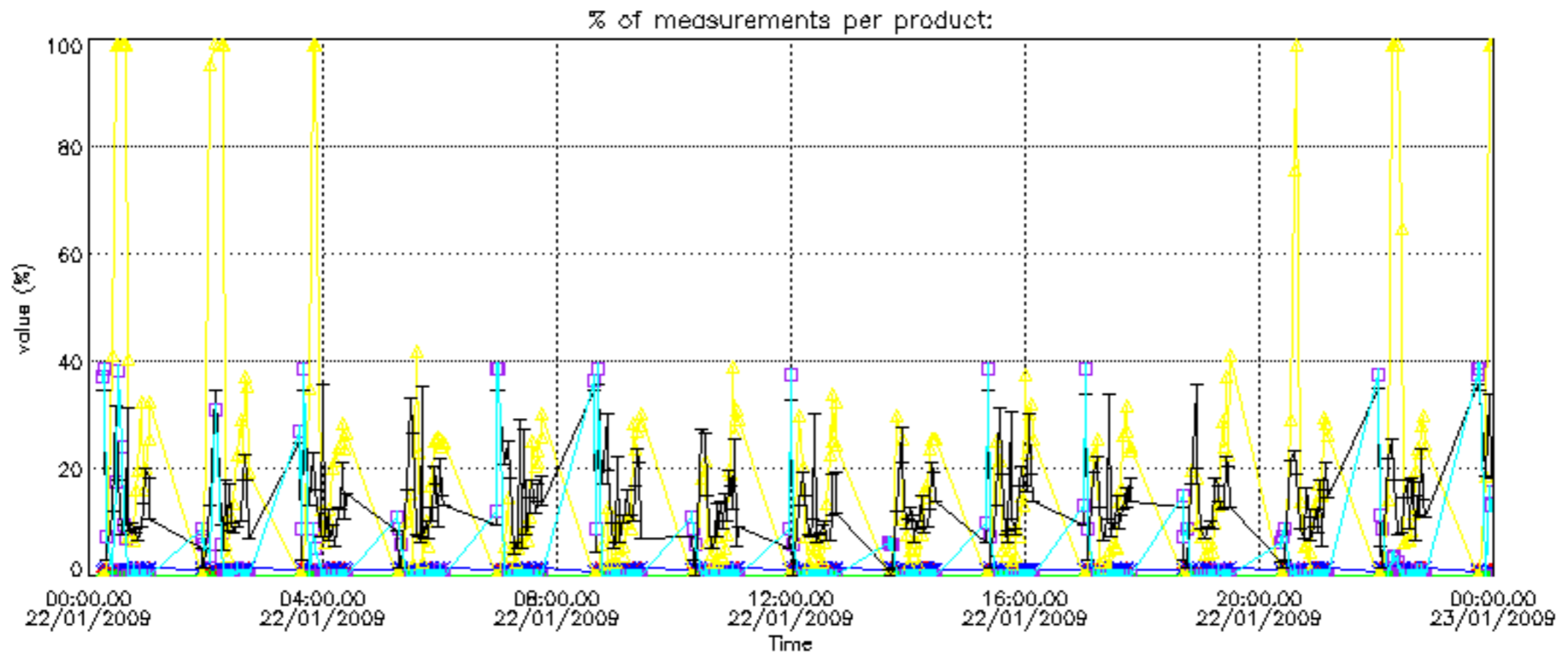


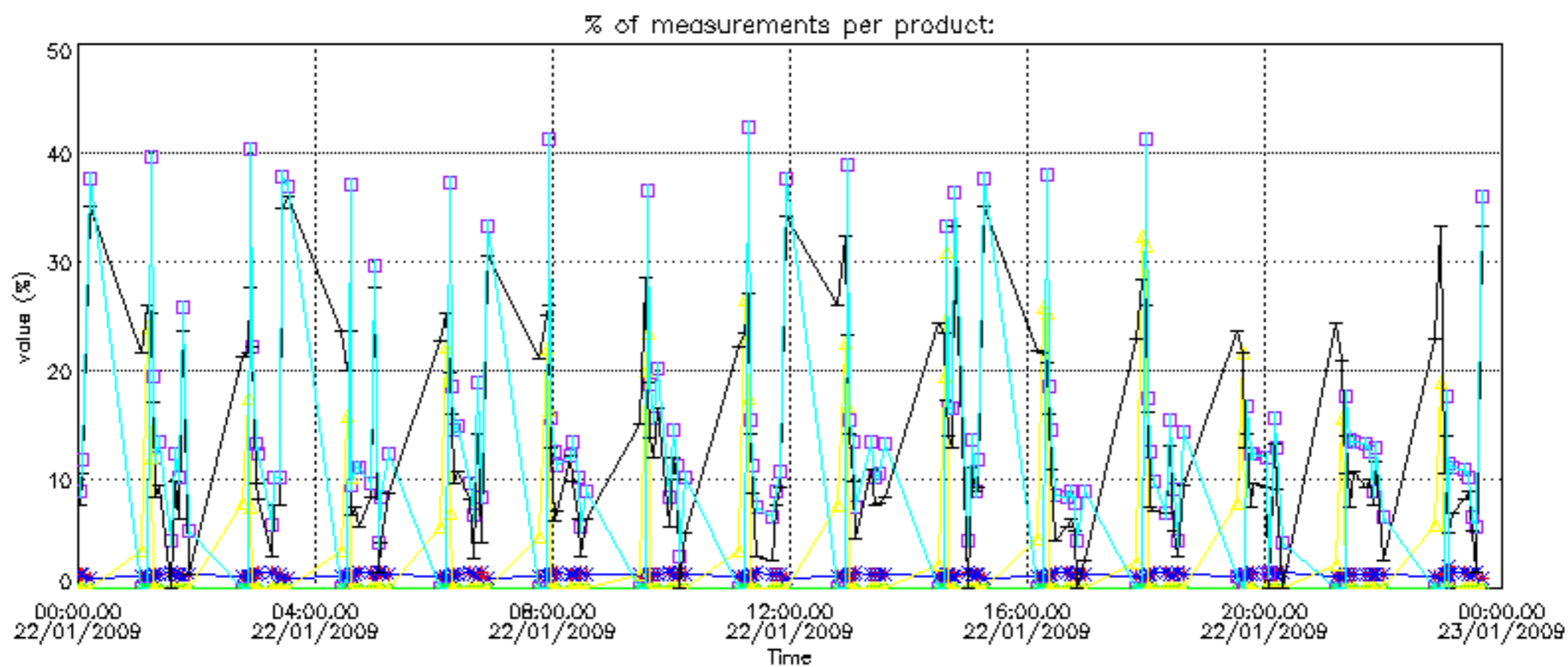
Percentage of flagged data per NO2 profile



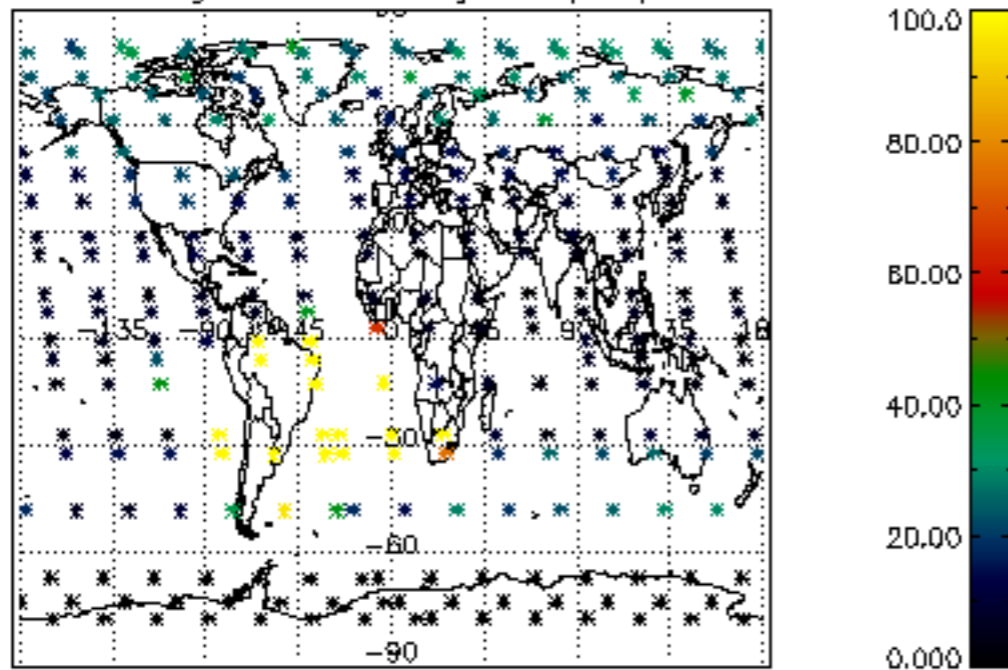
Percentage of flagged data per NO3 profile



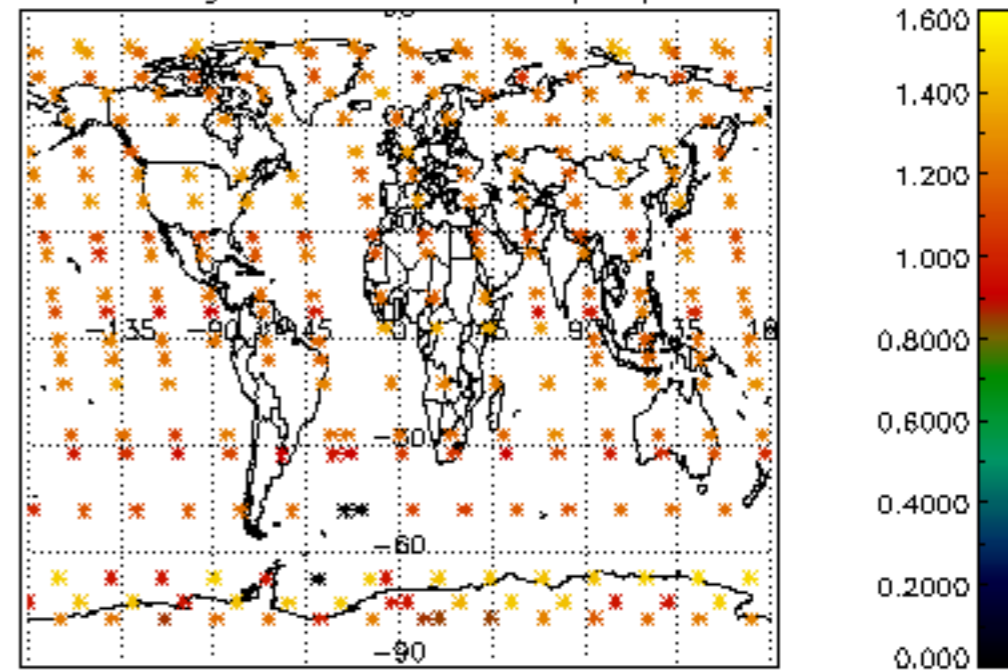




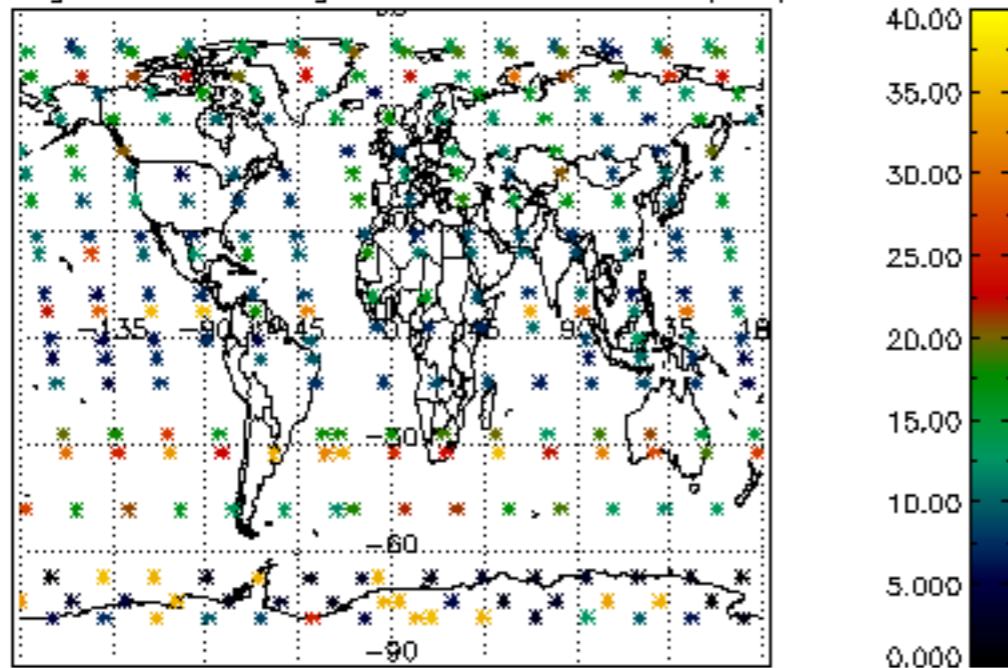
Percentage of cosmic ray hits per profile



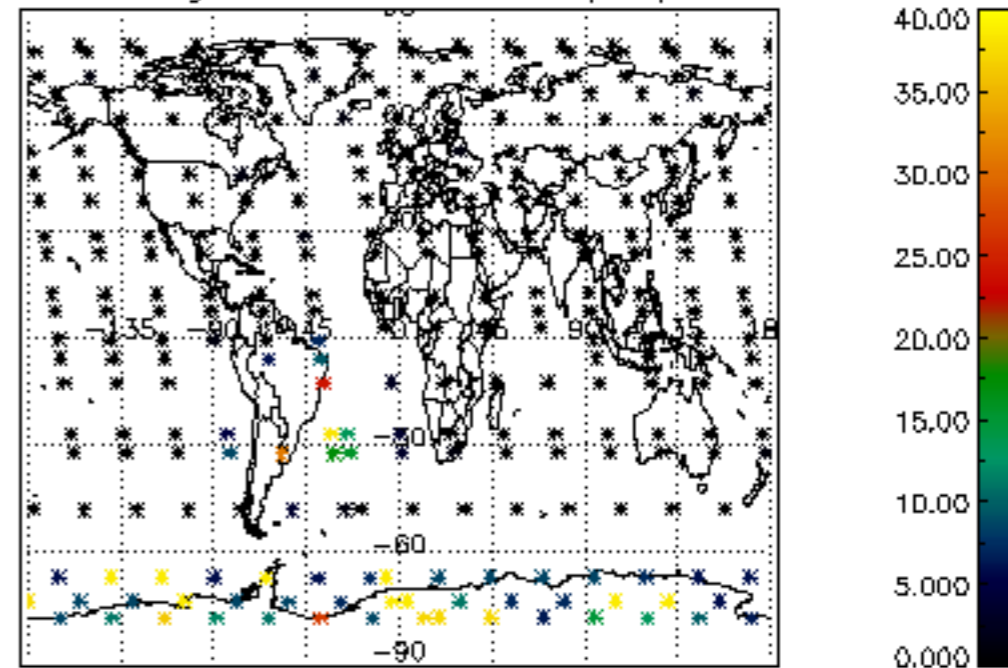
Percentage of datation errors per profile



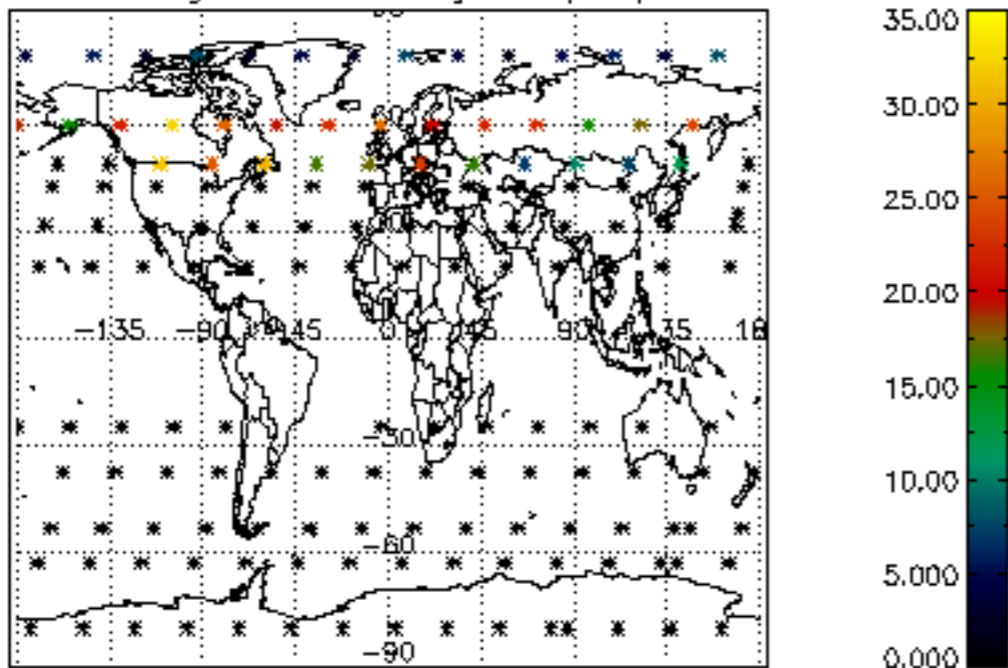
Percentage of star falling outside central band per profile



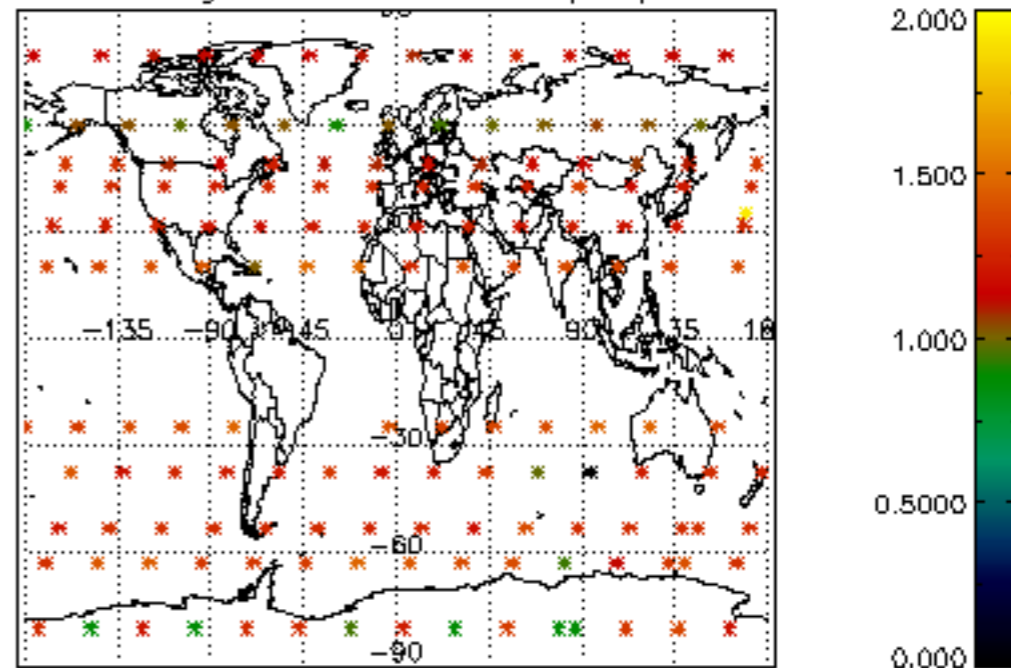
Percentage of saturation errors per profile



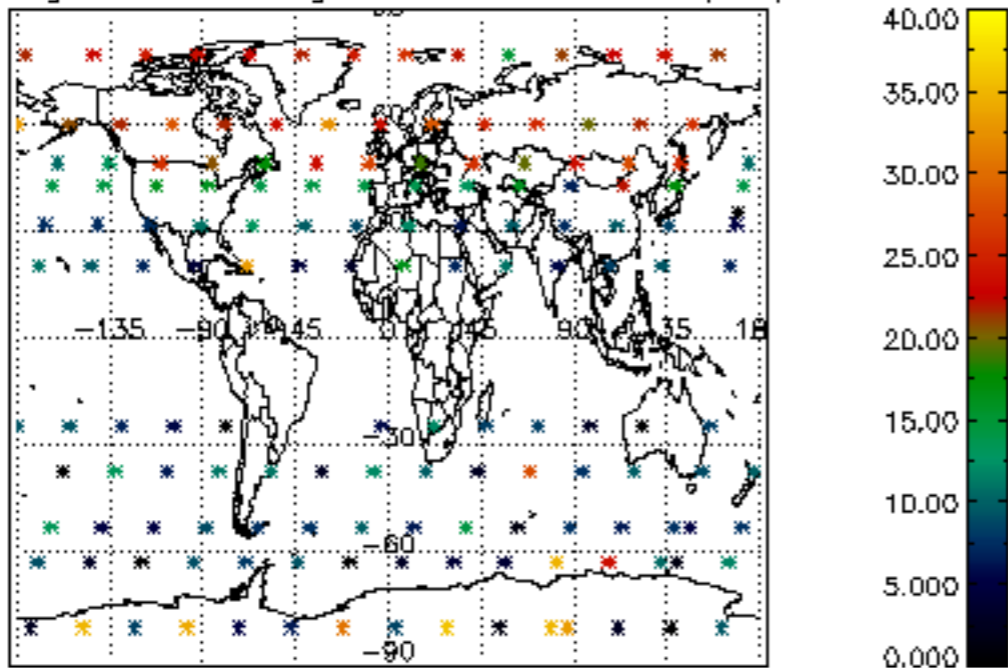
Percentage of cosmic ray hits per profile



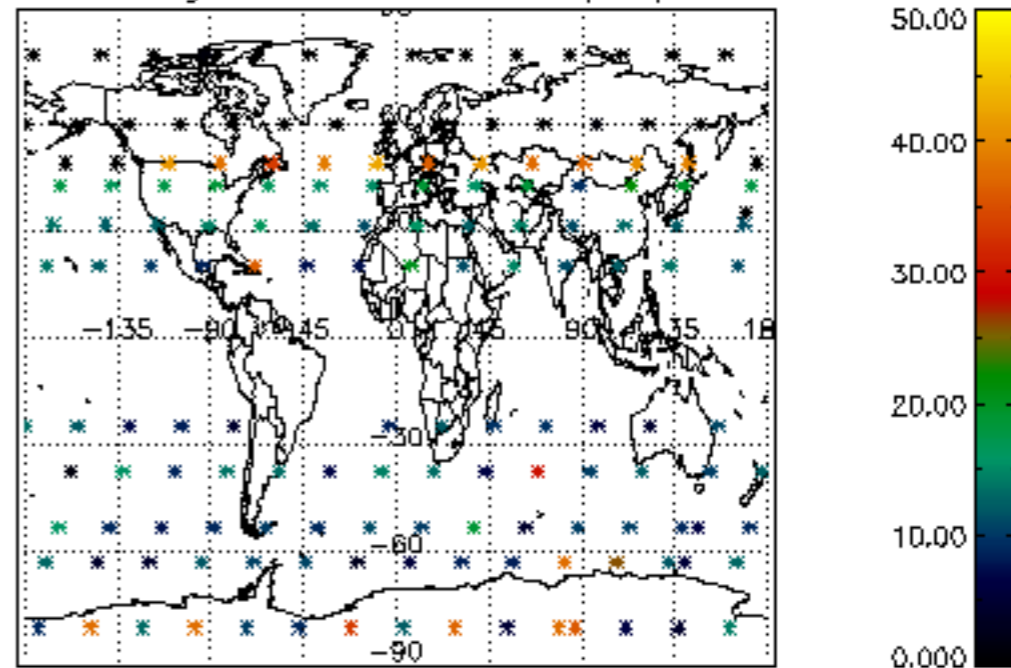
Percentage of datation errors per profile

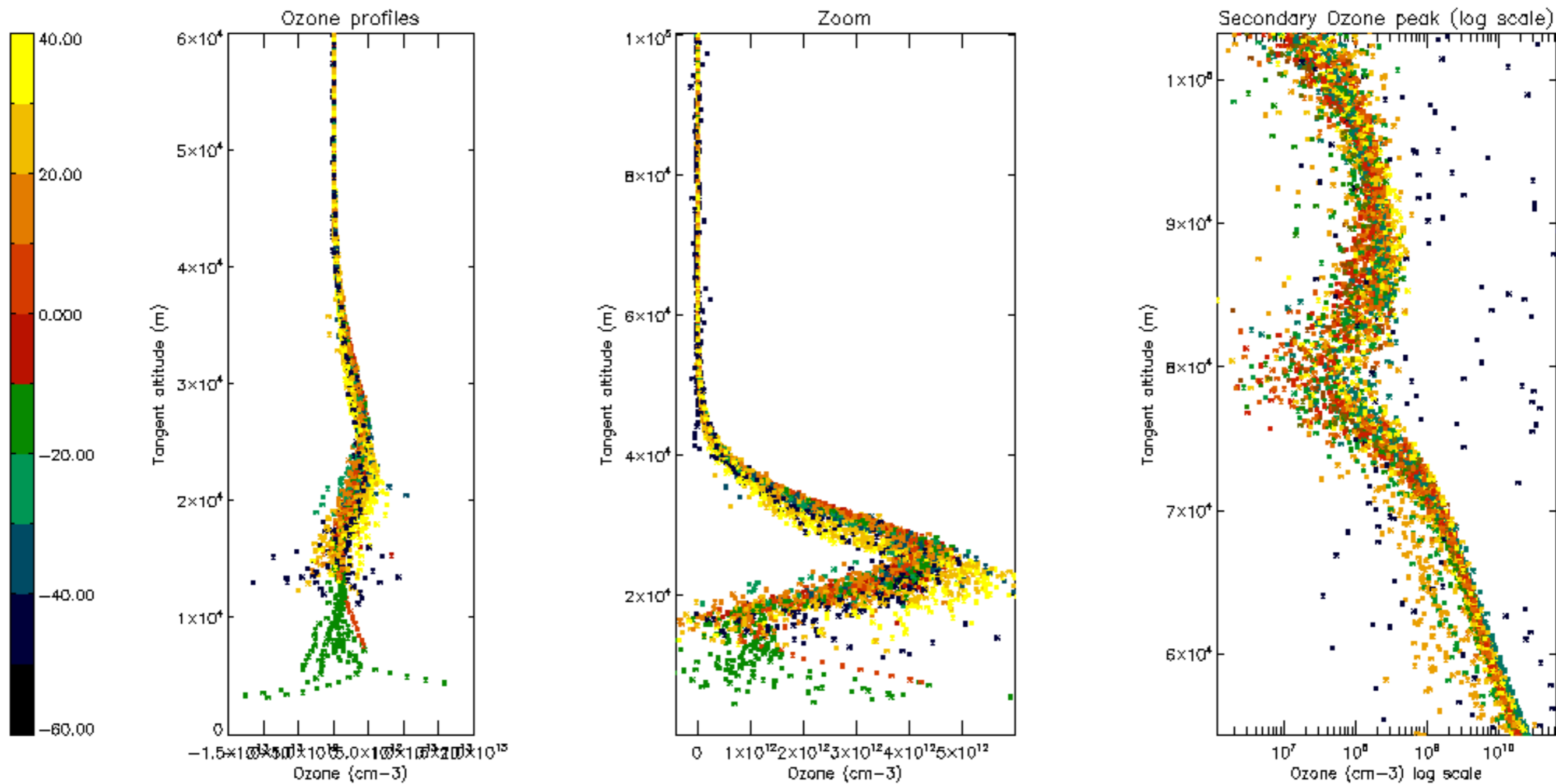


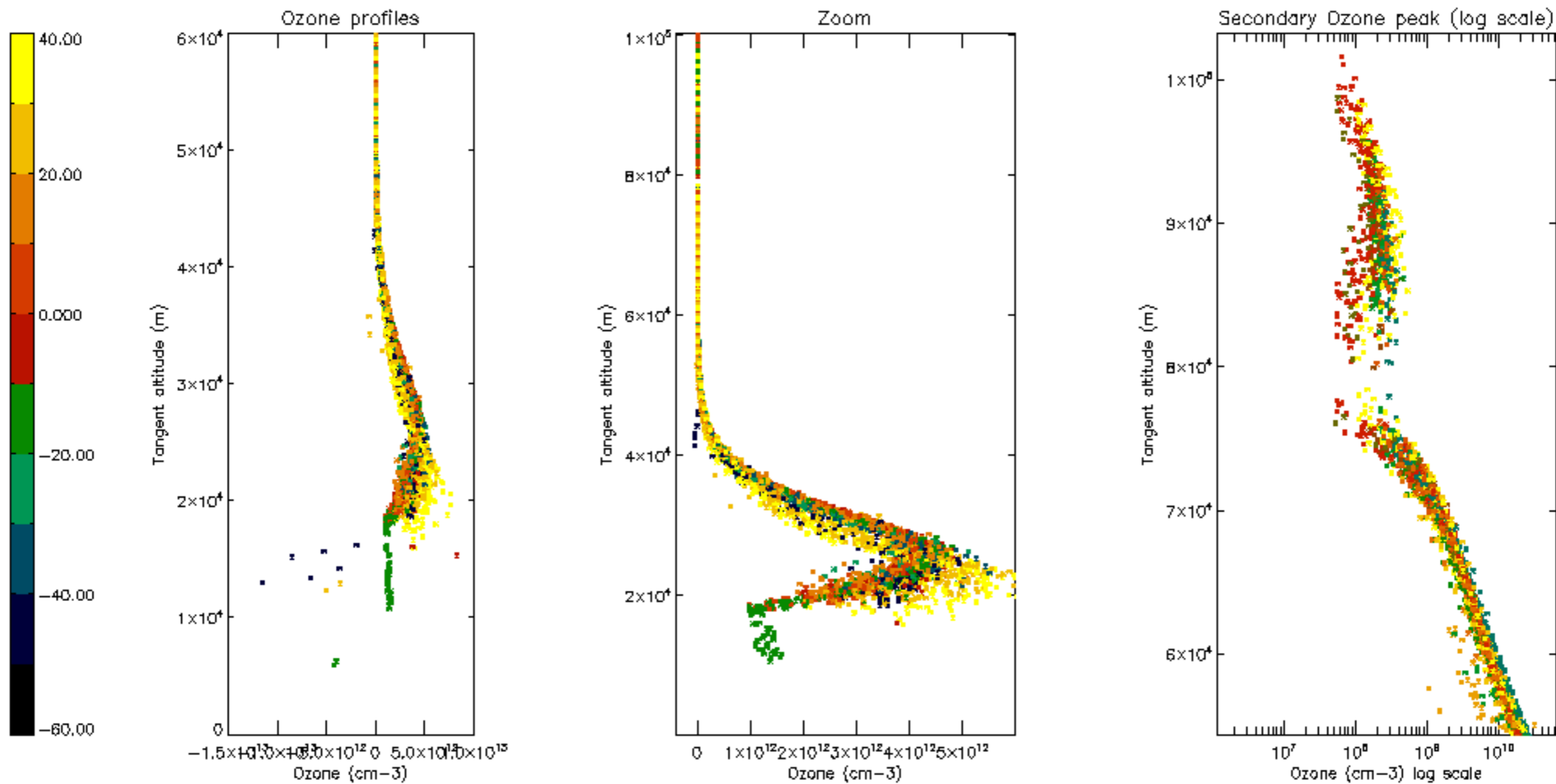
Percentage of star falling outside central band per profile

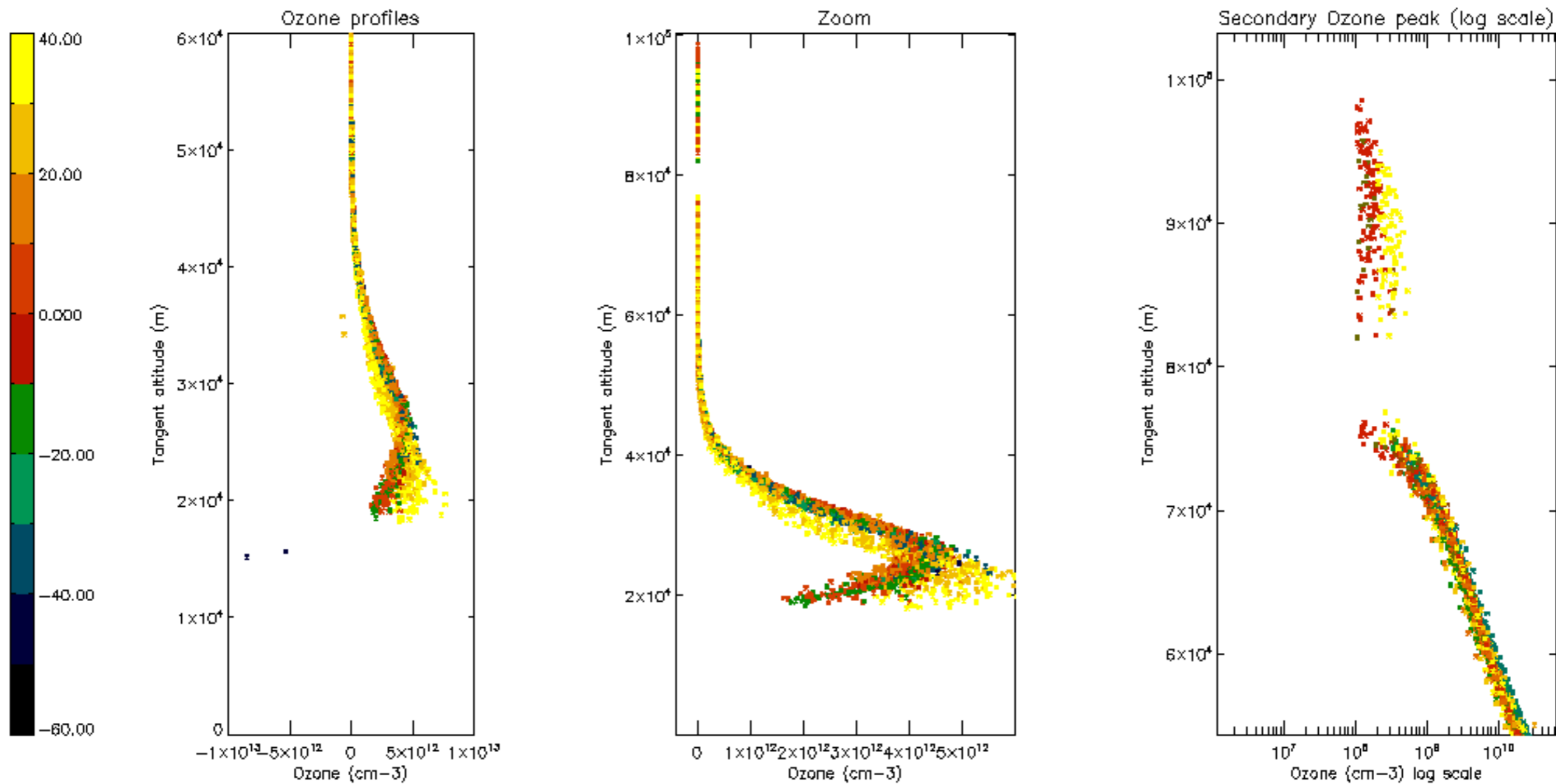


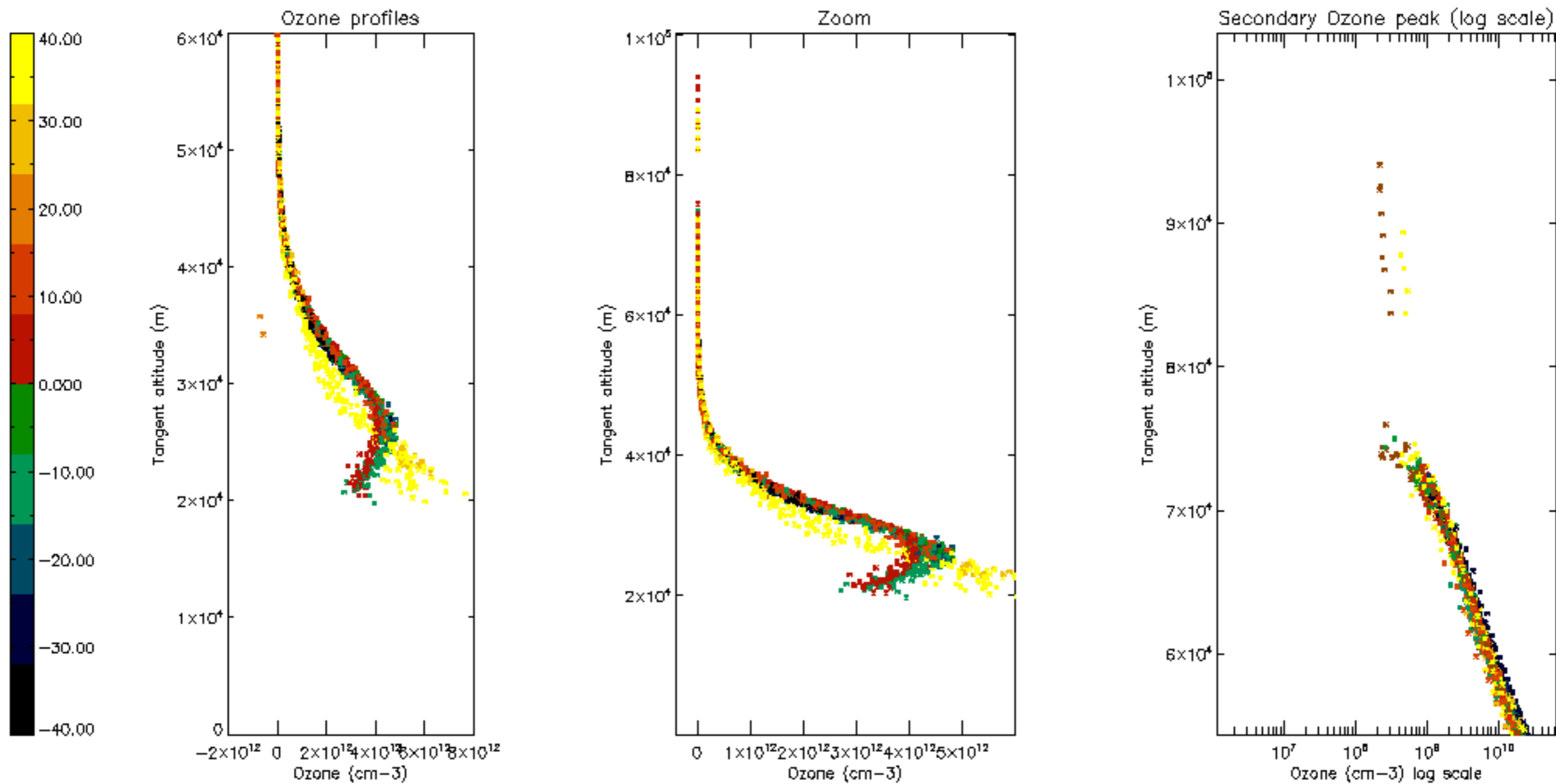
Percentage of saturation errors per profile

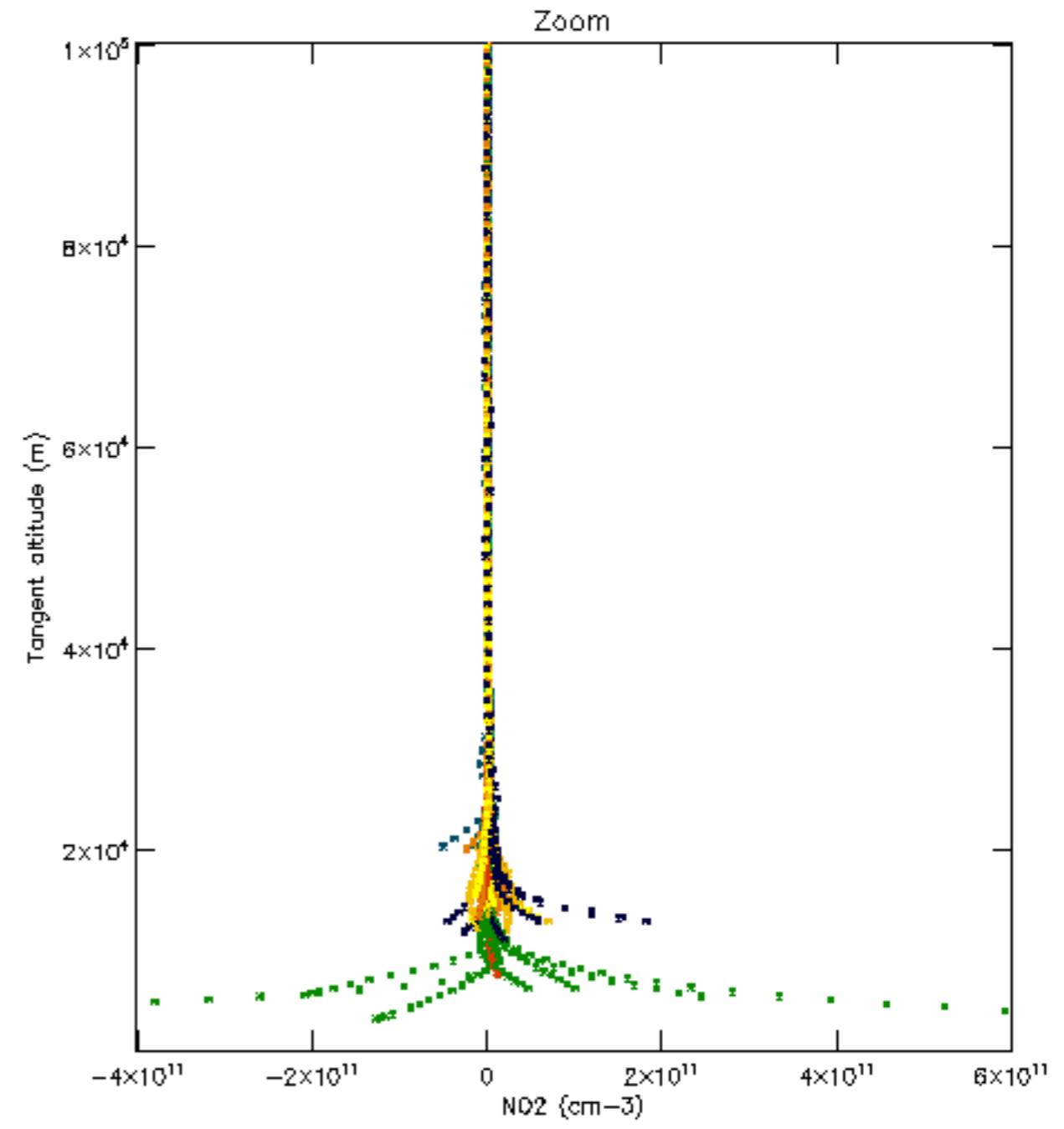
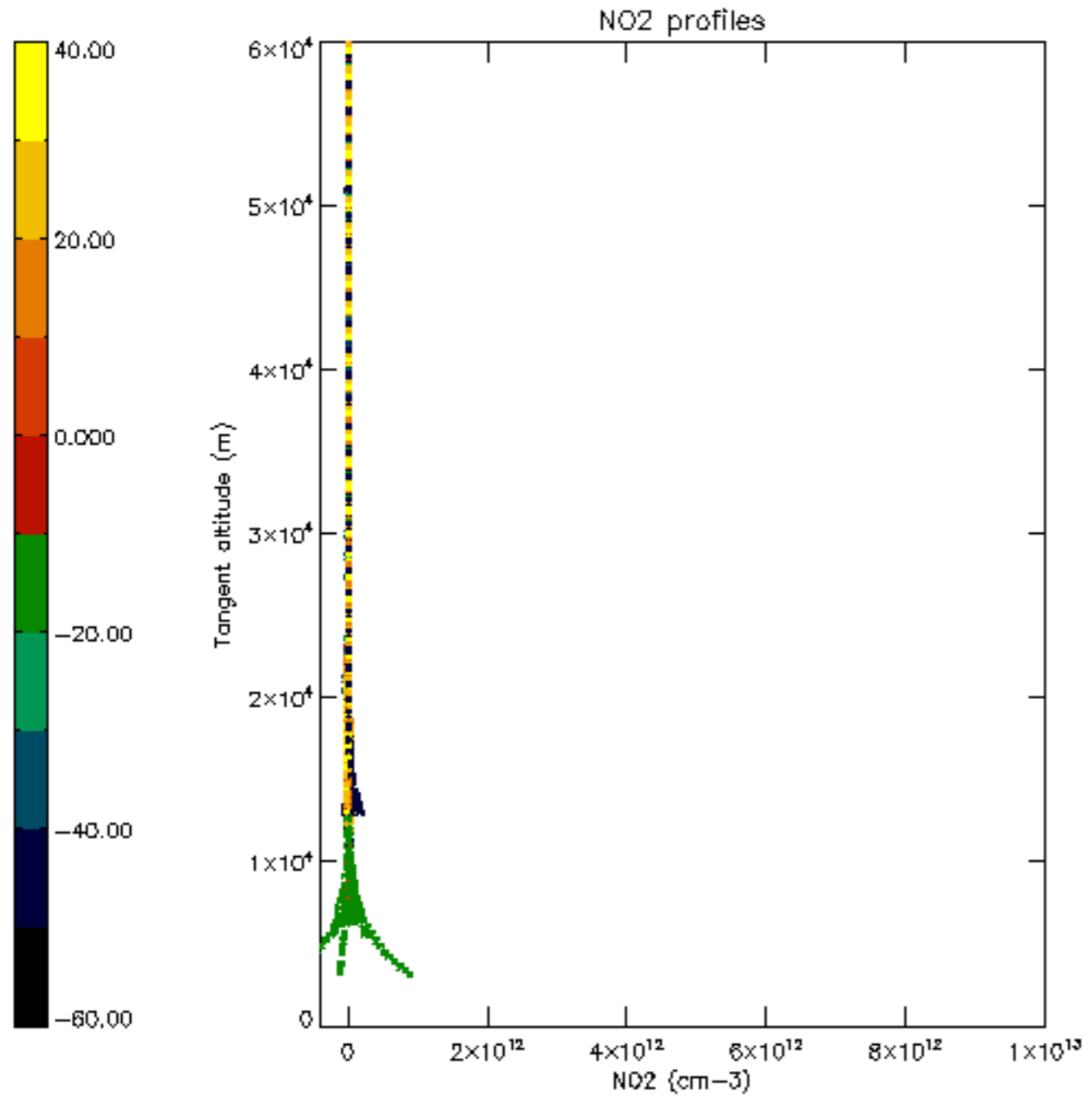


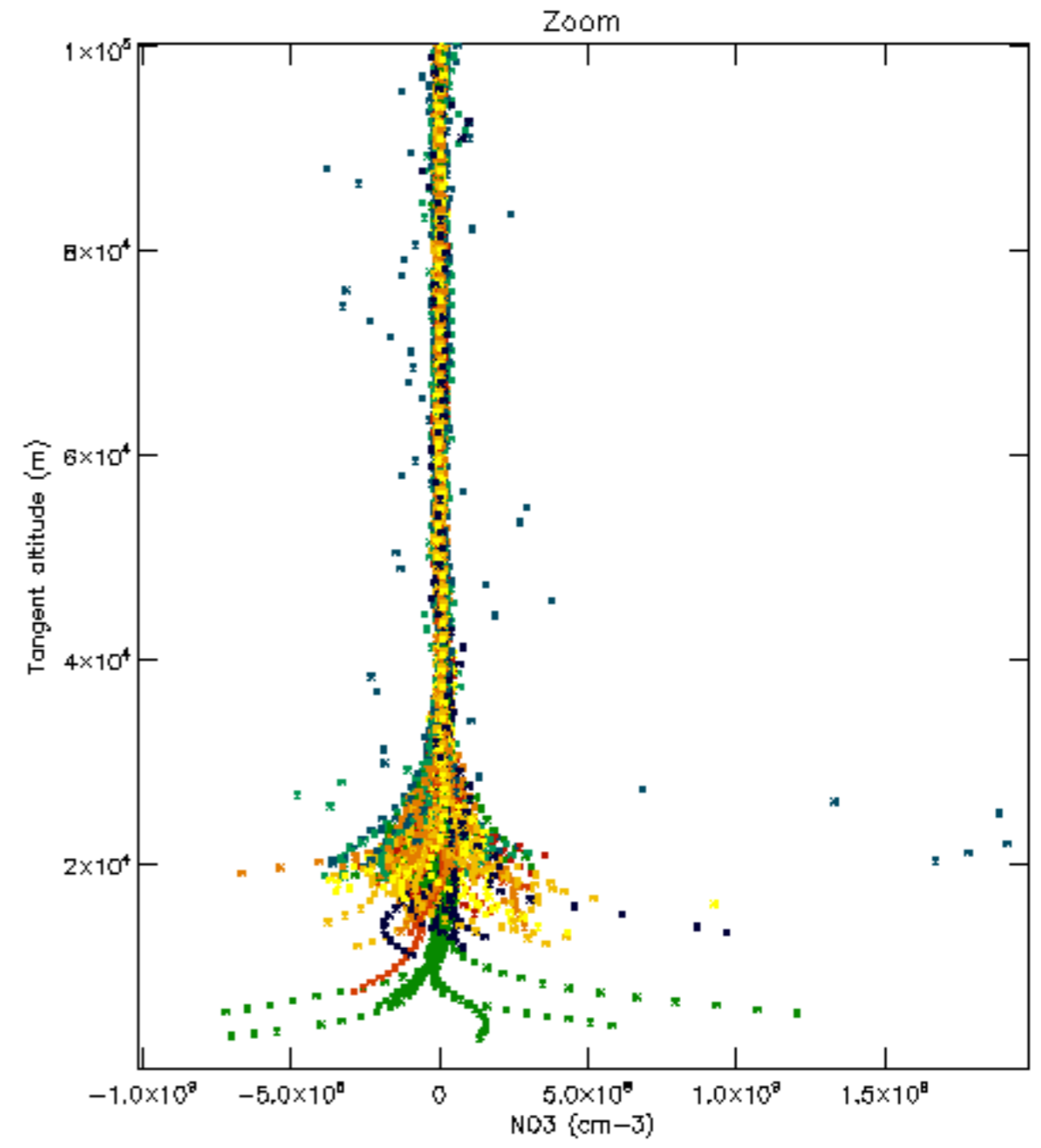
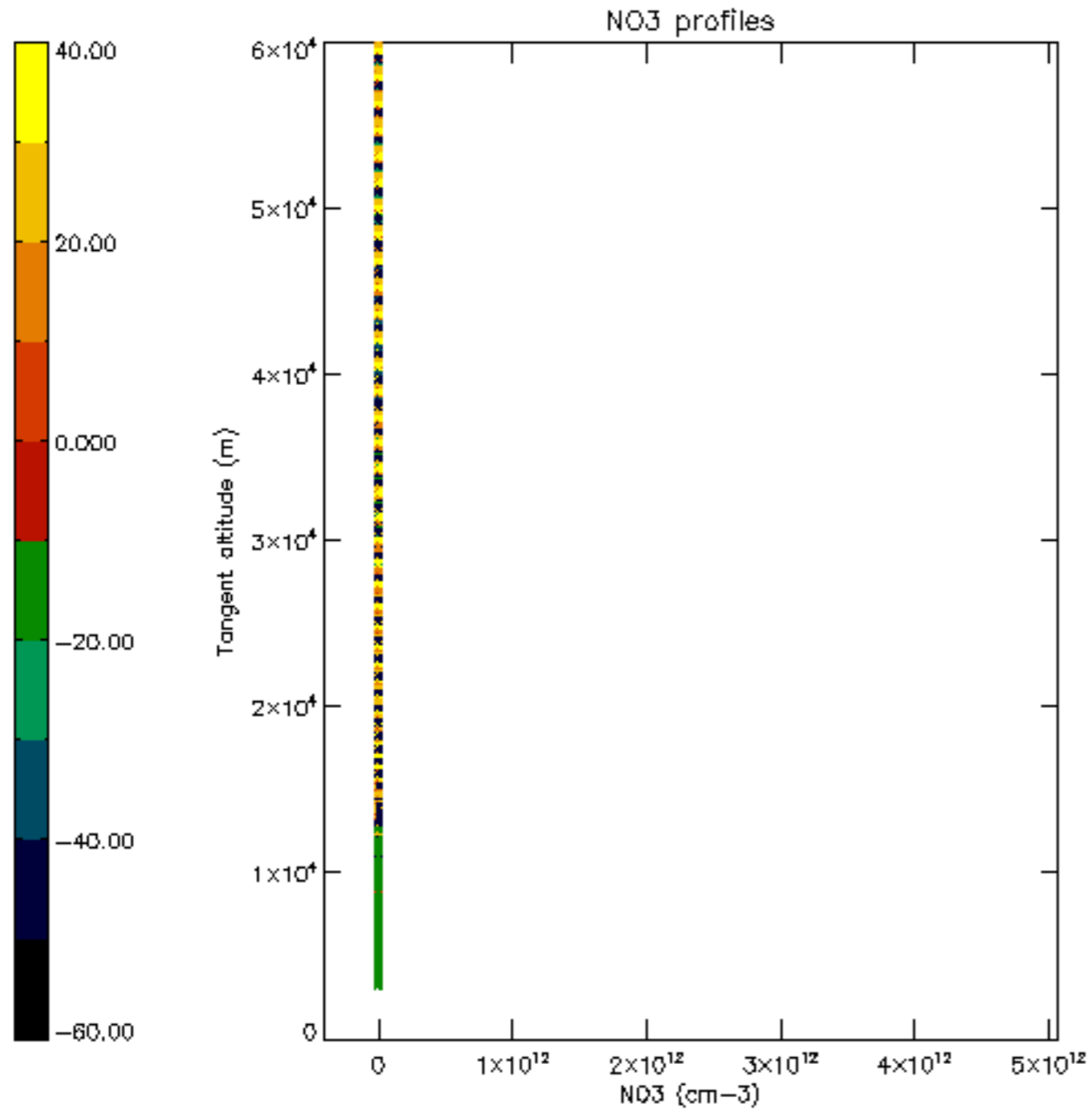


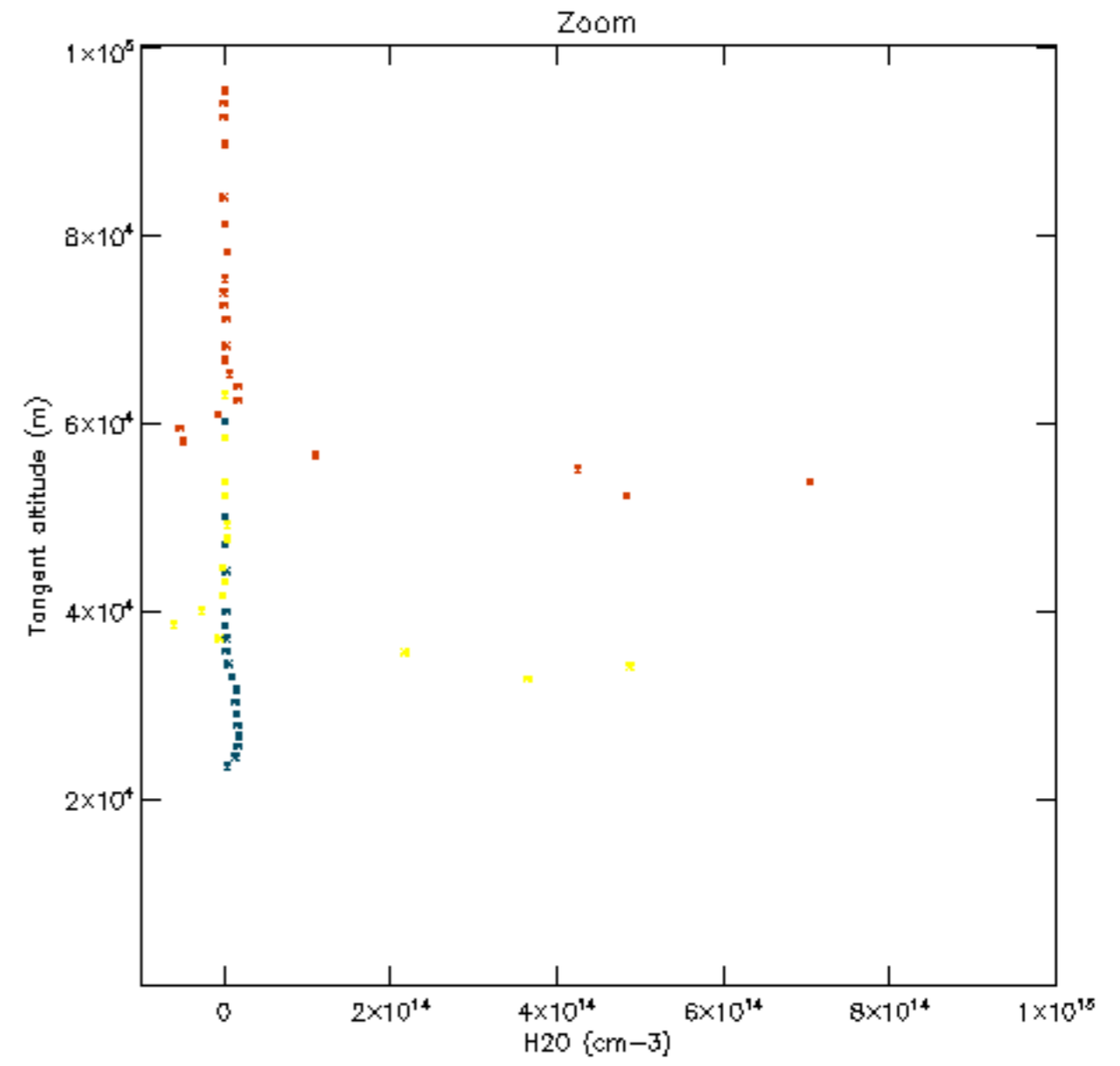
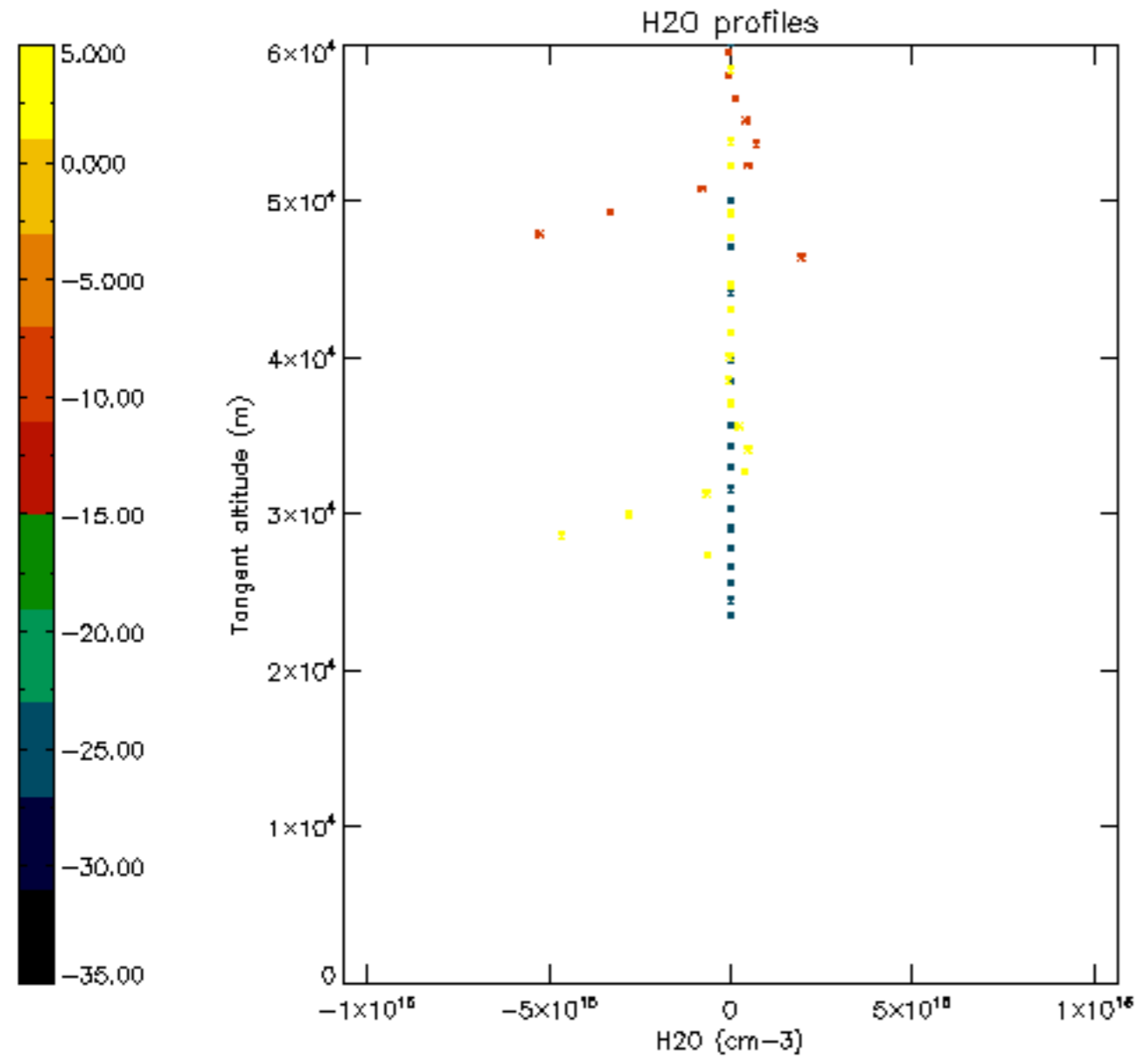


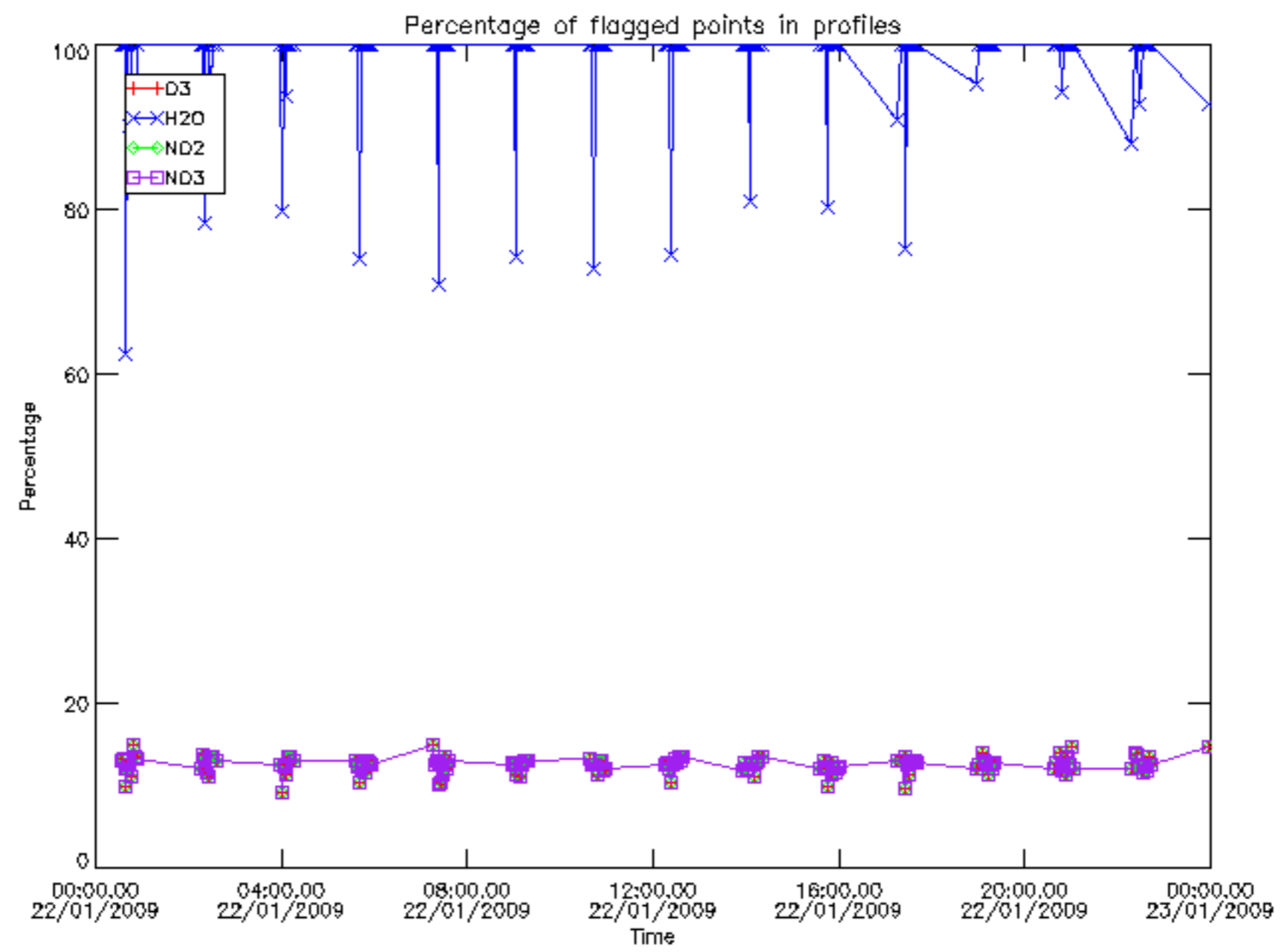




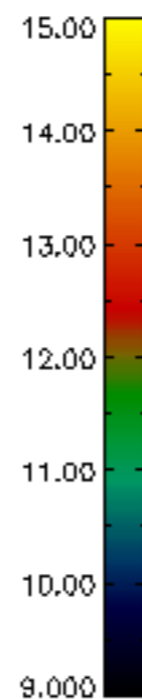
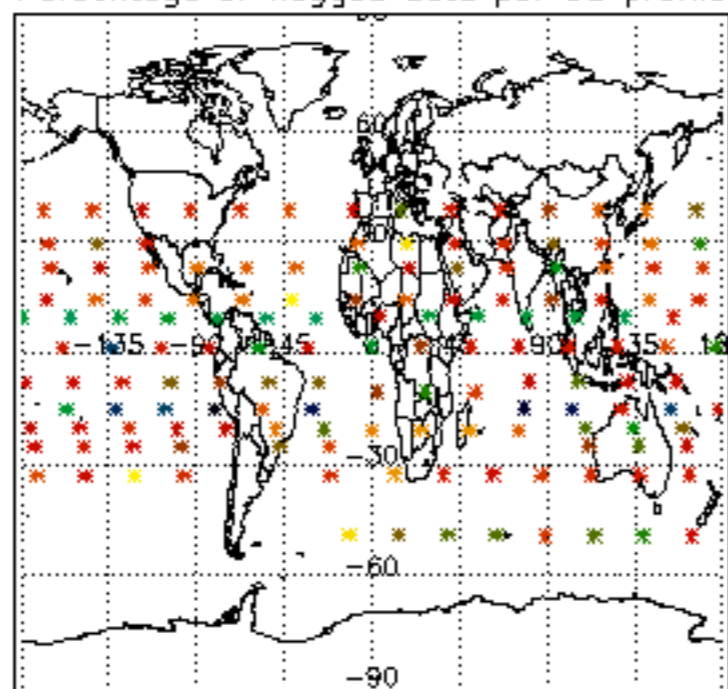




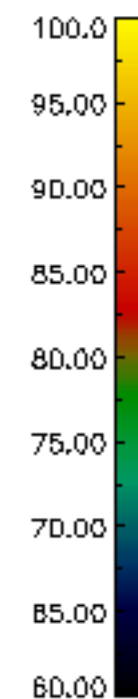
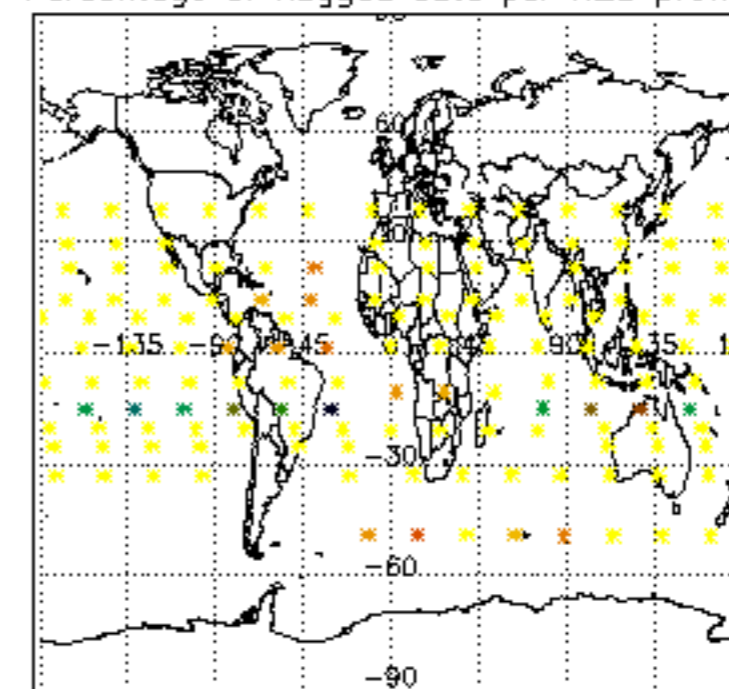




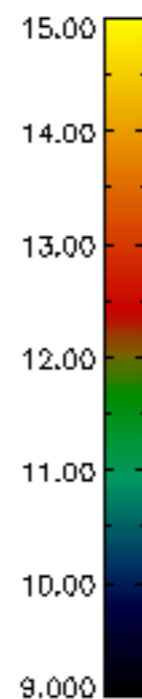
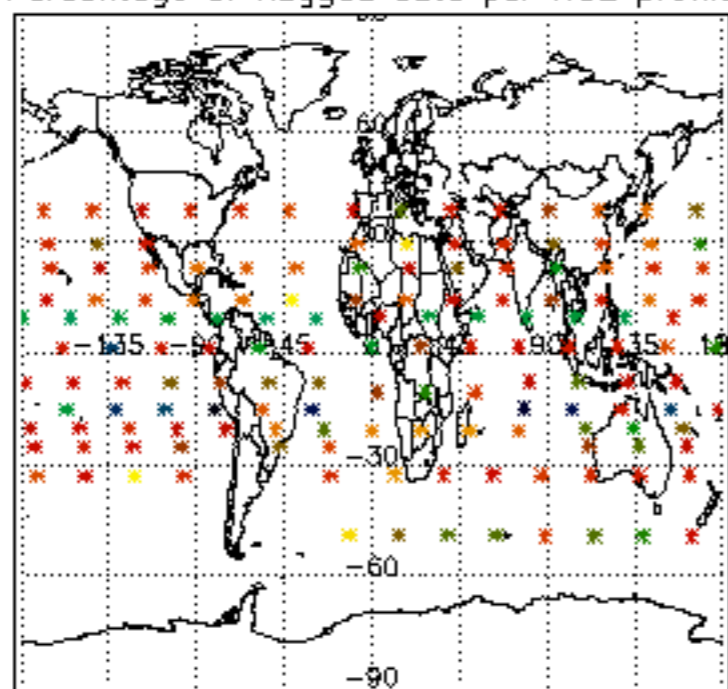
Percentage of flagged data per D3 profile



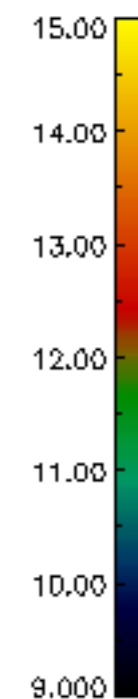
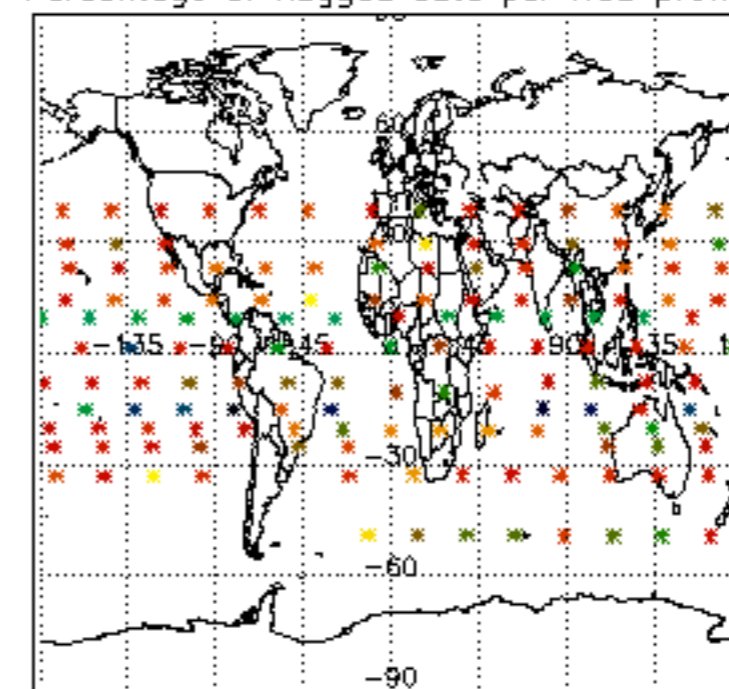
Percentage of flagged data per H2O profile

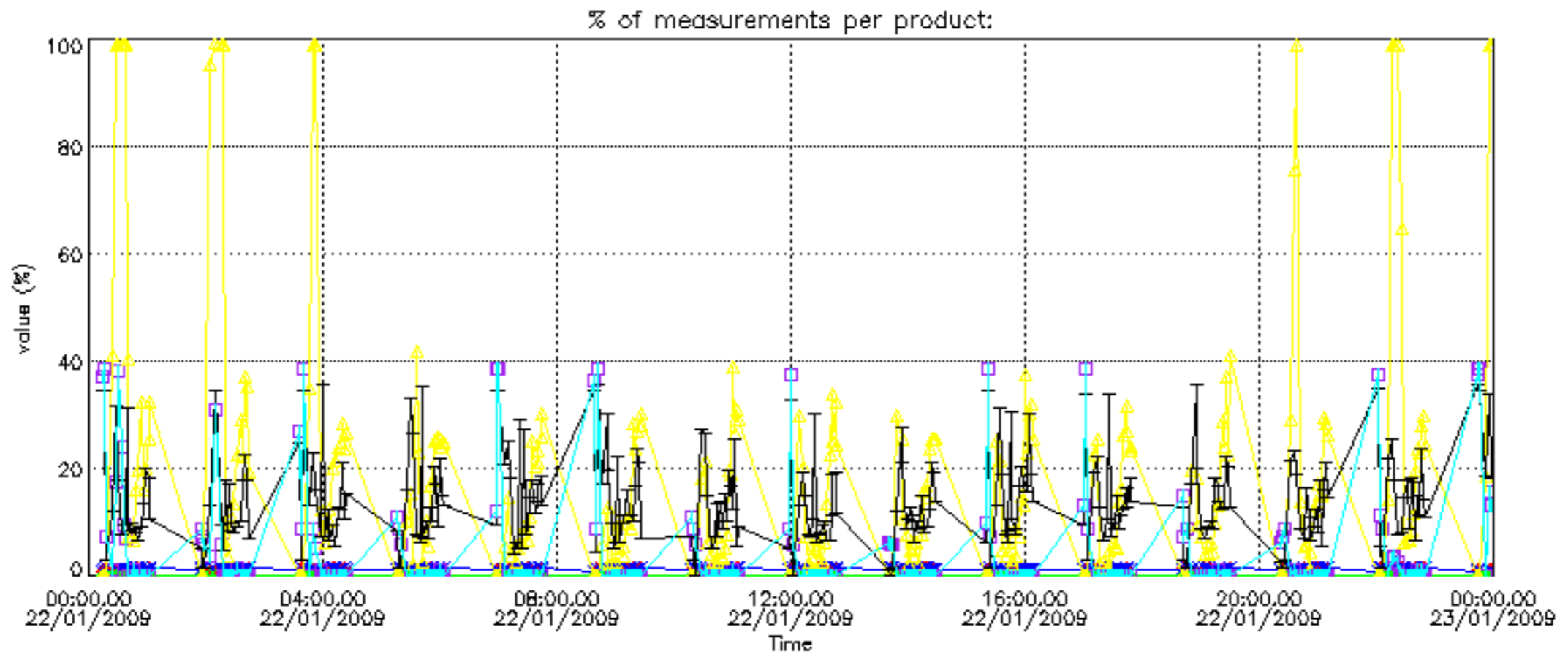


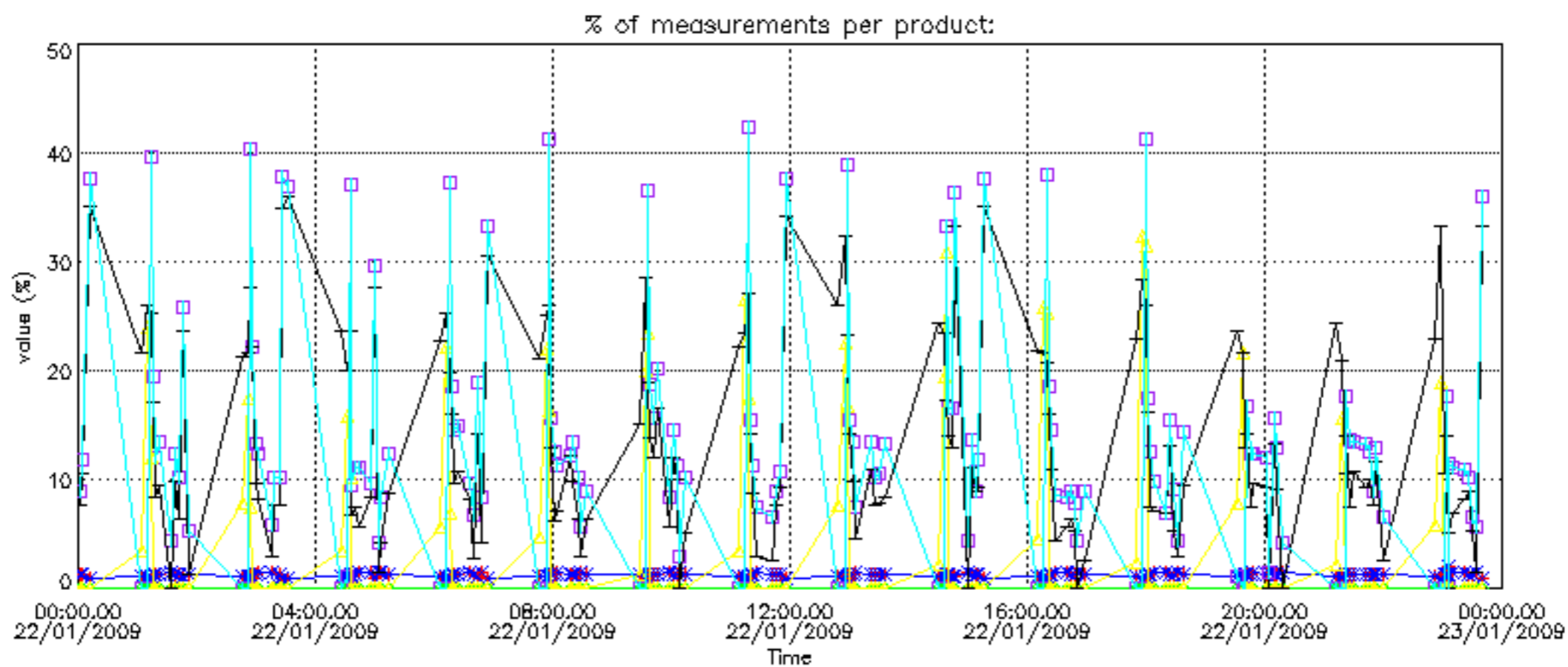
Percentage of flagged data per NO2 profile



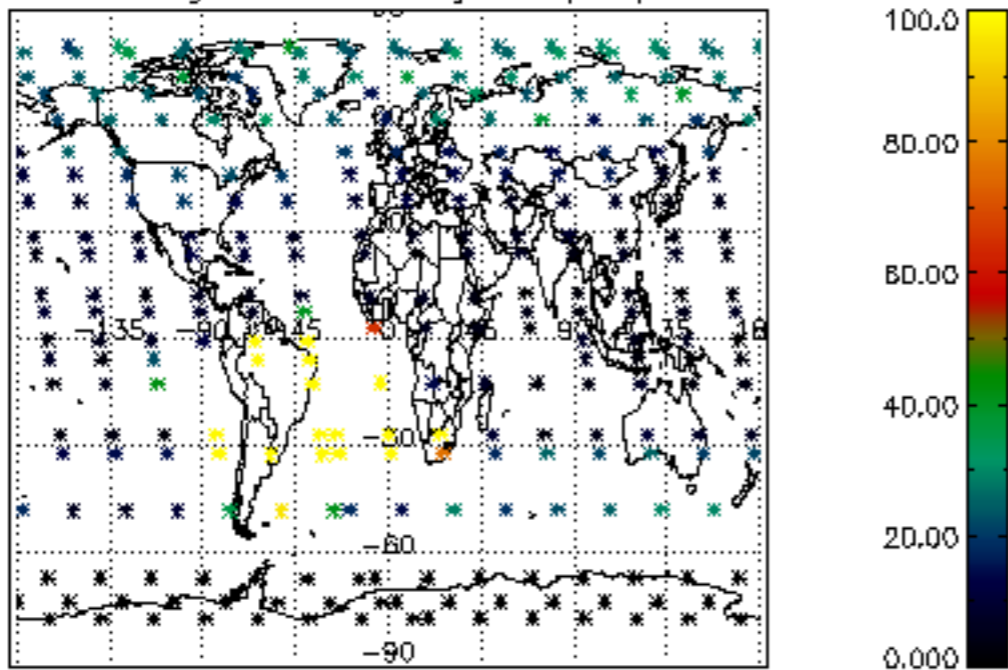
Percentage of flagged data per NO3 profile



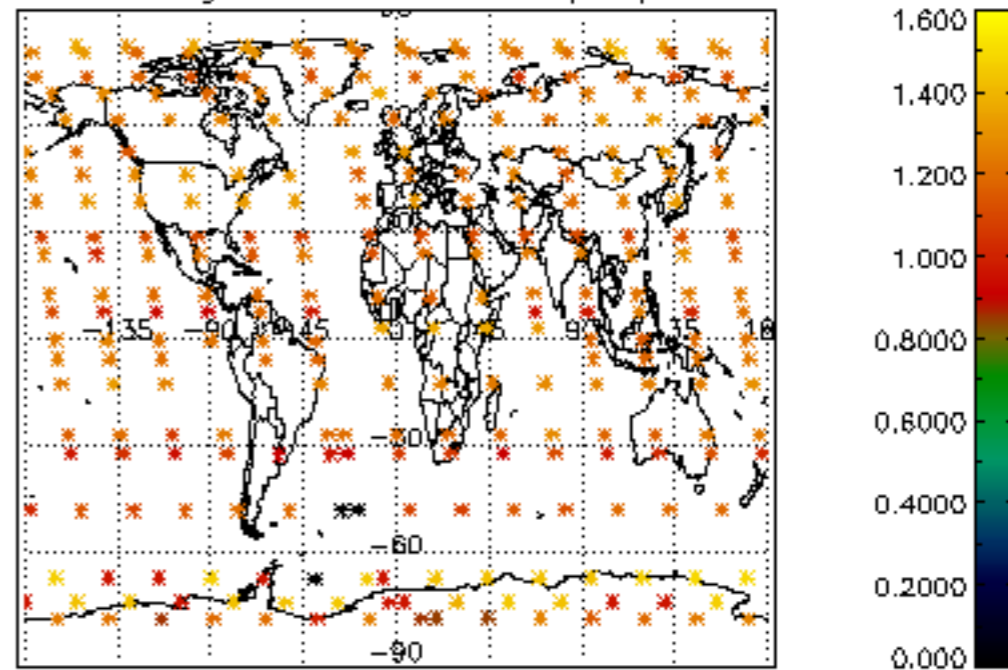




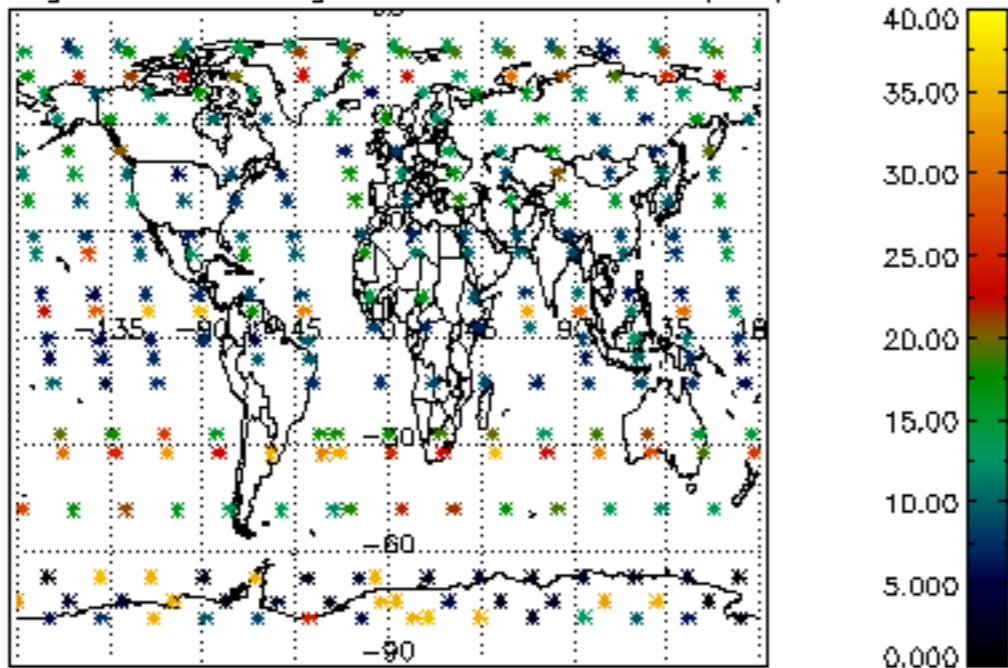
Percentage of cosmic ray hits per profile



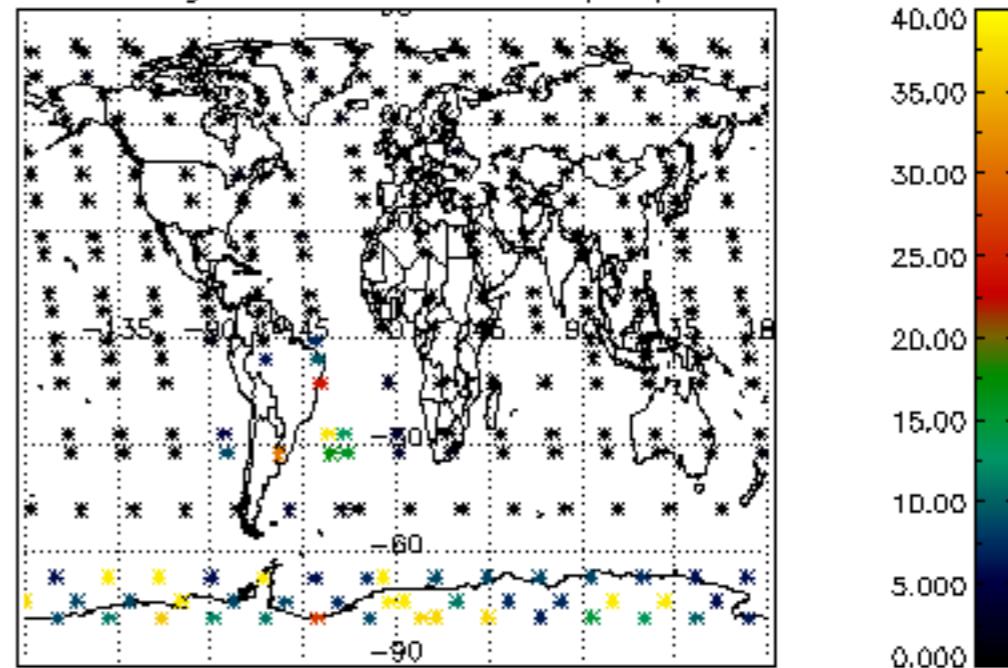
Percentage of datation errors per profile



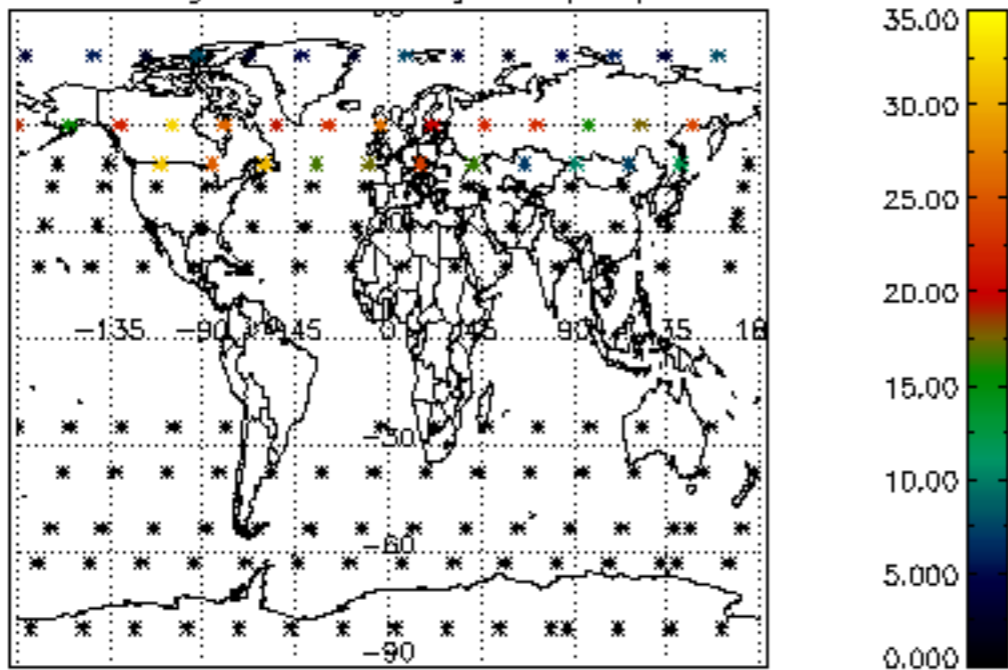
Percentage of star falling outside central band per profile



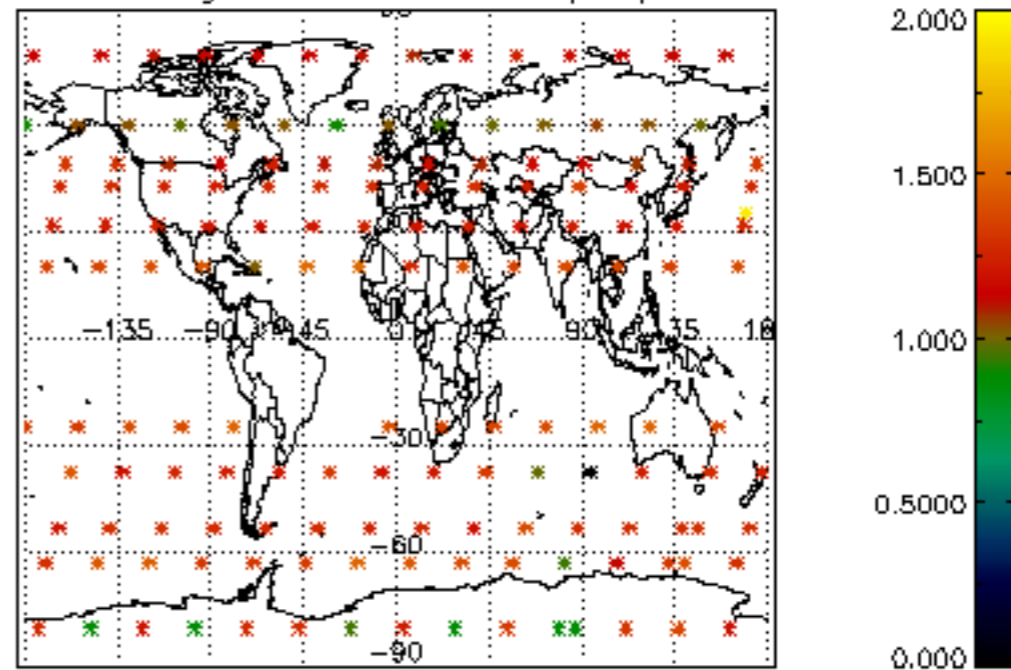
Percentage of saturation errors per profile



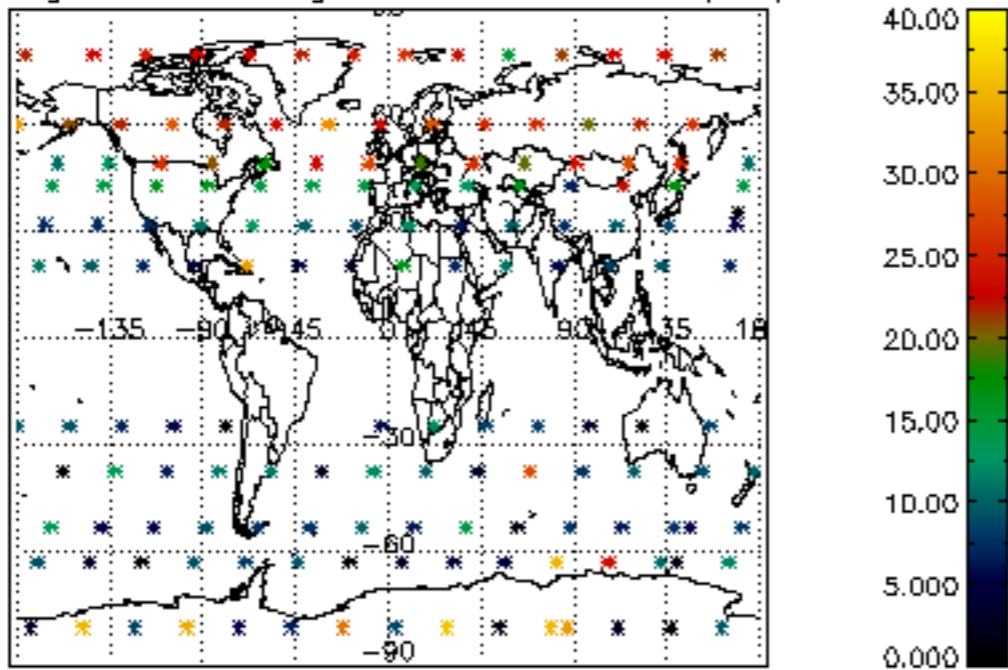
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

