

GOMOS Level 2 Daily Report

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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 17:20:44
Data source version	GOMOS/6.01
Start time of products	27-01-2009 (27JAN2009 00:00:00)
Stop time of products	28-01-2009 (28JAN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	176
Nb of prods with errors	3

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__2PRFIN20090127_133204_000000442076_00010_36136_8007.N1	27-JAN-2009 13:32:04	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	36136	No
2	GOM_NL__2PRFIN20090127_141625_000000512076_00010_36136_8008.N1	27-JAN-2009 14:16:25	Bright	51.000	5	3Alp Lyr	0.033000	11000.	102	36136	No
3	GOM_NL__2PRFIN20090127_142637_000000532076_00010_36136_8009.N1	27-JAN-2009 14:26:37	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	36136	No
4	GOM_NL__2PRFIN20090127_143256_000000432076_00010_36136_8010.N1	27-JAN-2009 14:32:56	Twilight_stray	42.500	86	35Eta Oph	2.4300	10200.	85	36136	No
5	GOM_NL__2PRFIN20090127_143702_000000512076_00010_36136_8011.N1	27-JAN-2009 14:37:02	Dark	50.500	16	21Alp Sco	1.0200	3000.0	101	36136	No
6	GOM_NL__2PRFIN20090127_143822_000000392076_00010_36136_8012.N1	27-JAN-2009 14:38:22	Dark	38.500	75	26Eps Sco	2.2910	4250.0	77	36136	No
7	GOM_NL__2PRFIN20090127_144242_000000432076_00010_36136_8013.N1	27-JAN-2009 14:42:42	Dark	42.500	131	Gam Lup	2.8000	26000.	85	36136	No
8	GOM_NL__2PRFIN20090127_144449_000000442076_00010_36136_8014.N1	27-JAN-2009 14:44:49	Dark	44.000	109	Bet Lup	2.6770	26000.	88	36136	No
9	GOM_NL__2PRFIN20090127_144807_00000022076_00011_36137_8015.N1	27-JAN-2009 14:48:07	Dark	1.5000	4	Alp1Cen	-0.010000	5800.0	3	36137	No
10	GOM_NL__2PRFIN20090127_144949_00000022076_00011_36137_8016.N1	27-JAN-2009 14:49:49	Dark	1.5000	77	Eps Cen	2.3030	28000.	3	36137	Yes
11	GOM_NL__2PRFIN20090127_145242_00000012076_00011_36137_8017.N1	27-JAN-2009 14:52:42	Dark	1.0000	12	Alp1Cru	0.77500	30000.	2	36137	Yes
12	GOM_NL__2PRFIN20090127_145427_00000012076_00011_36137_8018.N1	27-JAN-2009 14:54:27	Dark	1.0000	99	Del Cen	2.5750	26000.	2	36137	Yes
13	GOM_NL__2PRFIN20090127_145632_000000112076_00011_36137_8019.N1	27-JAN-2009 14:56:32	Dark	10.500	29	Bet Car	1.6720	10200.	21	36137	No
14	GOM_NL__2PRFIN20090127_145848_000000382076_00011_36137_8020.N1	27-JAN-2009 14:58:48	Dark	38.000	71	lot Car	2.2460	7700.0	76	36137	No
15	GOM_NL__2PRFIN20090127_150035_000000392076_00011_36137_8021.N1	27-JAN-2009 15:00:35	Dark	38.500	46	Del Vel	1.9540	10600.	77	36137	No
16	GOM_NL__2PRFIN20090127_150309_000000412076_00011_36137_8022.N1	27-JAN-2009 15:03:09	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	36137	No
17	GOM_NL__2PRFIN20090127_150516_000000412076_00011_36137_8023.N1	27-JAN-2009 15:05:16	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	36137	No
18	GOM_NL__2PRFIN20090127_150641_000000442076_00011_36137_8024.N1	27-JAN-2009 15:06:41	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	36137	No
19	GOM_NL__2PRFIN20090127_150908_000000432076_00011_36137_8025.N1	27-JAN-2009 15:09:08	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	36137	No
20	GOM_NL__2PRFIN20090127_151031_000000292076_00011_36137_8026.N1	27-JAN-2009 15:10:31	Straylight	28.500	179	24Omi2CMa	3.0320	24000.	57	36137	No
21	GOM_NL__2PRFIN20090127_151240_000000442076_00011_36137_8027.N1	27-JAN-2009 15:12:40	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	36137	No
22	GOM_NL__2PRFIN20090127_151838_000000482076_00011_36137_8028.N1	27-JAN-2009 15:18:38	Twilight_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	36137	No
23	GOM_NL__2PRFIN20090127_152157_000000392076_00011_36137_8029.N1	27-JAN-2009 15:21:57	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	36137	No
24	GOM_NL__2PRFIN20090127_152345_000000382076_00011_36137_8030.N1	27-JAN-2009 15:23:45	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	36137	No
25	GOM_NL__2PRFIN20090127_152529_000000432076_00011_36137_8031.N1	27-JAN-2009 15:25:29	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	36137	No
26	GOM_NL__2PRFIN20090127_152800_000000352076_00011_36137_8032.N1	27-JAN-2009 15:28:00	Bright	35.000	107	37The Aur	2.6490	11000.	70	36137	No
27	GOM_NL__2PRFIN20090127_153007_000000372076_00011_36137_8033.N1	27-JAN-2009 15:30:07	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	36137	No
28	GOM_NL__2PRFIN20090127_154232_000000362076_00011_36137_8034.N1	27-JAN-2009 15:42:32	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	36137	No
29	GOM_NL__2PRFIN20090127_154553_000000422076_00011_36137_8035.N1	27-JAN-2009 15:45:53	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	36137	No
30	GOM_NL__2PRFIN20090127_155030_000000422076_00011_36137_8036.N1	27-JAN-2009 15:50:30	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	36137	No
31	GOM_NL__2PRFIN20090127_155332_000000382076_00011_36137_8037.N1	27-JAN-2009 15:53:32	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	36137	No
32	GOM_NL__2PRFIN20090127_155701_000000512076_00011_36137_8038.N1	27-JAN-2009 15:57:01	Bright	51.000	5	3Alp Lyr	0.033000	11000.	102	36137	No
33	GOM_NL__2PRFIN20090127_160004_000000412076_00011_36137_8039.N1	27-JAN-2009 16:00:04	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	36137	No
34	GOM_NL__2PRFIN20090127_160506_000000362076_00011_36137_8040.N1	27-JAN-2009 16:05:06	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	36137	No
35	GOM_NL__2PRFIN20090127_160712_000000532076_00011_36137_8041.N1	27-JAN-2009 16:07:12	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	36137	No
36	GOM_NL__2PRFIN20090127_161332_000000442076_00011_36137_8042.N1	27-JAN-2009 16:13:32	Twilight_stray	43.500	86	35Eta Oph	2.4300	10200.	87	36137	No
37	GOM_NL__2PRFIN20090127_161739_000000552076_00011_36137_8043.N1	27-JAN-2009 16:17:39	Dark	54.500	16	21Alp Sco	1.0200	3000.0	109	36137	No
38	GOM_NL__2PRFIN20090127_161859_000000432076_00011_36137_8044.N1	27-JAN-2009 16:18:59	Dark	42.500	75	26Eps Sco	2.2910	4250.0	85	36137	No
39	GOM_NL__2PRFIN20090127_162319_000000412076_00011_36137_8045.N1	27-JAN-2009 16:23:19	Dark	41.000	131	Gam Lup	2.8000	26000.	82	36137	No
40	GOM_NL__2PRFIN20090127_162526_000000442076_00011_36137_8046.N1	27-JAN-2009 16:25:26	Dark	44.000	109	Bet Lup	2.6770	26000.	88	36137	No
41	GOM_NL__2PRFIN20090127_162844_000000432076_00012_36138_8038.N1	27-JAN-2009 16:28:44	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	36138	No
42	GOM_NL__2PRFIN20090127_163026_000000432076_00012_36138_8039.N1	27-JAN-2009 16:30:26	Dark	43.000	77	Eps Cen	2.3030	28000.	86	36138	No

43	GOM_NL__2PRFIN20090127_163319_000000422076_00012_36138_8040.N1	27-JAN-2009 16:33:19	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	36138	No
44	GOM_NL__2PRFIN20090127_163505_000000462076_00012_36138_8041.N1	27-JAN-2009 16:35:05	Dark	46.000	99	Del Cen	2.5750	26000.	92	36138	No
45	GOM_NL__2PRFIN20090127_163708_000000382076_00012_36138_8042.N1	27-JAN-2009 16:37:08	Dark	37.500	29	Bet Car	1.6720	10200.	75	36138	No
46	GOM_NL__2PRFIN20090127_163925_000000382076_00012_36138_8043.N1	27-JAN-2009 16:39:25	Dark	38.000	71	lot Car	2.2460	7700.0	76	36138	No
47	GOM_NL__2PRFIN20090127_164111_000000442076_00012_36138_8044.N1	27-JAN-2009 16:41:11	Dark	44.000	46	Del Vel	1.9540	10600.	88	36138	No
48	GOM_NL__2PRFIN20090127_164346_000000442076_00012_36138_8045.N1	27-JAN-2009 16:43:46	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	36138	No
49	GOM_NL__2PRFIN20090127_164551_000000402076_00012_36138_8046.N1	27-JAN-2009 16:45:51	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	36138	No
50	GOM_NL__2PRFIN20090127_164718_000000442076_00012_36138_8047.N1	27-JAN-2009 16:47:18	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	36138	No
51	GOM_NL__2PRFIN20090127_164944_000000422076_00012_36138_8048.N1	27-JAN-2009 16:49:44	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	36138	No
52	GOM_NL__2PRFIN20090127_165108_000000392076_00012_36138_8049.N1	27-JAN-2009 16:51:08	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	36138	No
53	GOM_NL__2PRFIN20090127_165914_000000552076_00012_36138_8050.N1	27-JAN-2009 16:59:14	Tw_i_and_stray	55.000	8	10Alp CMi	0.40000	6500.0	110	36138	No
54	GOM_NL__2PRFIN20090127_170233_000000392076_00012_36138_8051.N1	27-JAN-2009 17:02:33	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	36138	No
55	GOM_NL__2PRFIN20090127_170421_000000382076_00012_36138_8052.N1	27-JAN-2009 17:04:21	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	36138	No
56	GOM_NL__2PRFIN20090127_170605_000000432076_00012_36138_8053.N1	27-JAN-2009 17:06:05	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	36138	No
57	GOM_NL__2PRFIN20090127_170836_000000362076_00012_36138_8054.N1	27-JAN-2009 17:08:36	Bright	35.500	107	37The Aur	2.6490	11000.	71	36138	No
58	GOM_NL__2PRFIN20090127_171043_000000362076_00012_36138_8055.N1	27-JAN-2009 17:10:43	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	36138	No
59	GOM_NL__2PRFIN20090127_172308_000000362076_00012_36138_8056.N1	27-JAN-2009 17:23:08	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36138	No
60	GOM_NL__2PRFIN20090127_172628_000000512076_00012_36138_8057.N1	27-JAN-2009 17:26:28	Bright	50.500	60	7Bet UMi	2.0810	3950.0	101	36138	No
61	GOM_NL__2PRFIN20090127_173106_000000402076_00012_36138_8058.N1	27-JAN-2009 17:31:06	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	36138	No
62	GOM_NL__2PRFIN20090127_173408_000000392076_00012_36138_8059.N1	27-JAN-2009 17:34:08	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	36138	No
63	GOM_NL__2PRFIN20090127_173737_000000352076_00012_36138_8060.N1	27-JAN-2009 17:37:37	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	36138	No
64	GOM_NL__2PRFIN20090127_175935_000000172076_00012_36138_8061.N1	27-JAN-2009 17:59:35	Dark	17.000	75	26Eps Sco	2.2910	4250.0	34	36138	No
65	GOM_NL__2PRFIN20090127_180356_000000422076_00012_36138_8062.N1	27-JAN-2009 18:03:56	Dark	42.000	131	Gam Lup	2.8000	26000.	84	36138	No
66	GOM_NL__2PRFIN20090127_180603_000000212076_00012_36138_8063.N1	27-JAN-2009 18:06:03	Dark	20.500	109	Bet Lup	2.6770	26000.	41	36138	No
67	GOM_NL__2PRFIN20090127_180921_000000192076_00013_36139_8060.N1	27-JAN-2009 18:09:21	Dark	18.500	4	Alp1Cen	-0.010000	5800.0	37	36139	No
68	GOM_NL__2PRFIN20090127_181103_000000202076_00013_36139_8061.N1	27-JAN-2009 18:11:03	Dark	19.500	77	Eps Cen	2.3030	28000.	39	36139	No
69	GOM_NL__2PRFIN20090127_181356_000000422076_00013_36139_8062.N1	27-JAN-2009 18:13:56	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	36139	No
70	GOM_NL__2PRFIN20090127_181542_000000442076_00013_36139_8063.N1	27-JAN-2009 18:15:42	Dark	43.500	99	Del Cen	2.5750	26000.	87	36139	No
71	GOM_NL__2PRFIN20090127_181745_000000402076_00013_36139_8064.N1	27-JAN-2009 18:17:45	Dark	40.000	29	Bet Car	1.6720	10200.	80	36139	No
72	GOM_NL__2PRFIN20090127_182001_000000432076_00013_36139_8065.N1	27-JAN-2009 18:20:01	Dark	43.000	71	lot Car	2.2460	7700.0	86	36139	No
73	GOM_NL__2PRFIN20090127_182148_000000382076_00013_36139_8066.N1	27-JAN-2009 18:21:48	Dark	38.000	46	Del Vel	1.9540	10600.	76	36139	No
74	GOM_NL__2PRFIN20090127_182422_000000412076_00013_36139_8067.N1	27-JAN-2009 18:24:22	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	36139	No
75	GOM_NL__2PRFIN20090127_182628_000000392076_00013_36139_8068.N1	27-JAN-2009 18:26:28	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	36139	No
76	GOM_NL__2PRFIN20090127_182754_000000432076_00013_36139_8069.N1	27-JAN-2009 18:27:54	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	36139	No
77	GOM_NL__2PRFIN20090127_183026_000000362076_00013_36139_8070.N1	27-JAN-2009 18:30:26	Straylight	36.000	23	21Eps CMa	1.5020	26000.	72	36139	No
78	GOM_NL__2PRFIN20090127_183143_000000382076_00013_36139_8071.N1	27-JAN-2009 18:31:43	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	36139	No
79	GOM_NL__2PRFIN20090127_183950_000000492076_00013_36139_8072.N1	27-JAN-2009 18:39:50	Tw_i_and_stray	48.500	8	10Alp CMi	0.40000	6500.0	97	36139	No
80	GOM_NL__2PRFIN20090127_184309_000000382076_00013_36139_8073.N1	27-JAN-2009 18:43:09	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	36139	No
81	GOM_NL__2PRFIN20090127_184457_000000402076_00013_36139_8074.N1	27-JAN-2009 18:44:57	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	36139	No
82	GOM_NL__2PRFIN20090127_184641_000000172076_00013_36139_8075.N1	27-JAN-2009 18:46:41	Tw_i_and_stray	17.000	17	78Bet Gem	1.1610	4500.0	34	36139	No
83	GOM_NL__2PRFIN20090127_184913_000000162076_00013_36139_8076.N1	27-JAN-2009 18:49:13	Tw_i_and_stray	15.500	107	37The Aur	2.6490	11000.	31	36139	No
84	GOM_NL__2PRFIN20090127_185119_000000162076_00013_36139_8077.N1	27-JAN-2009 18:51:19	Tw_i_and_stray	16.000	42	34Bet Aur	1.9000	10200.	32	36139	No
85	GOM_NL__2PRFIN20090127_190344_000000142076_00013_36139_8078.N1	27-JAN-2009 19:03:44	Tw_i_and_stray	13.500	49	1Alp UMi	1.9900	6300.0	27	36139	No
86	GOM_NL__2PRFIN20090127_190704_000000142076_00013_36139_8079.N1	27-JAN-2009 19:07:04	Tw_i_and_stray	13.500	60	7Bet UMi	2.0810	3950.0	27	36139	No
87	GOM_NL__2PRFIN20090127_191142_000000122076_00013_36139_8080.N1	27-JAN-2009 19:11:42	Tw_i_and_stray	11.500	119	14Eta Dra	2.7270	4700.0	23	36139	No
88	GOM_NL__2PRFIN20090127_191443_000000392076_00013_36139_8081.N1	27-JAN-2009 19:14:43	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	36139	No
89	GOM_NL__2PRFIN20090127_192116_000000482076_00013_36139_8082.N1	27-JAN-2009 19:21:16	Bright	48.000	133	40Zet Her	2.8070	6000.0	96	36139	No
90	GOM_NL__2PRFIN20090127_192618_000000542076_00013_36139_8083.N1	27-JAN-2009 19:26:18	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	36139	No
91	GOM_NL__2PRFIN20090127_192826_000000532076_00013_36139_8084.N1	27-JAN-2009 19:28:26	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	36139	No
92	GOM_NL__2PRFIN20090127_193445_000000412076_00013_36139_8085.N1	27-JAN-2009 19:34:45	Tw_i_and_stray	40.500	86	35Eta Oph	2.4300	10200.	81	36139	No
93	GOM_NL__2PRFIN20090127_193852_000000492076_00013_36139_8086.N1	27-JAN-2009 19:38:52	Dark	49.000	16	21Alp Sco	1.0200	3000.0	98	36139	No
94	GOM_NL__2PRFIN20090127_194011_000000482076_00013_36139_8087.N1	27-JAN-2009 19:40:11	Dark	47.500	75	26Eps Sco	2.2910	4250.0	95	36139	No
95	GOM_NL__2PRFIN20090127_194433_000000412076_00013_36139_8088.N1	27-JAN-2009 19:44:33	Dark	41.000	131	Gam Lup	2.8000	26000.	82	36139	No
96	GOM_NL__2PRFIN20090127_194640_000000432076_00013_36139_8089.N1	27-JAN-2009 19:46:40	Dark	43.000	109	Bet Lup	2.6770	26000.	86	36139	No
97	GOM_NL__2PRFIN20090127_194957_000000452076_00014_36140_8095.N1	27-JAN-2009 19:49:57	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	36140	No
98	GOM_NL__2PRFIN20090127_195140_000000422076_00014_36140_8096.N1	27-JAN-2009 19:51:40	Dark	41.500	77	Eps Cen	2.3030	28000.	83	36140	No
99	GOM_NL__2PRFIN20090127_195432_000000402076_00014_36140_8097.N1	27-JAN-2009 19:54:32	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	36140	No
100	GOM_NL__2PRFIN20090127_195619_000000462076_00014_36140_8098.N1	27-JAN-2009 19:56:19	Dark	45.500	99	Del Cen	2.5750	26000.	91	36140	No
101	GOM_NL__2PRFIN20090127_195821_000000392076_00014_36140_8099.N1	27-JAN-2009 19:58:21	Dark	38.500	29	Bet Car	1.6720	10200.	77	36140	No

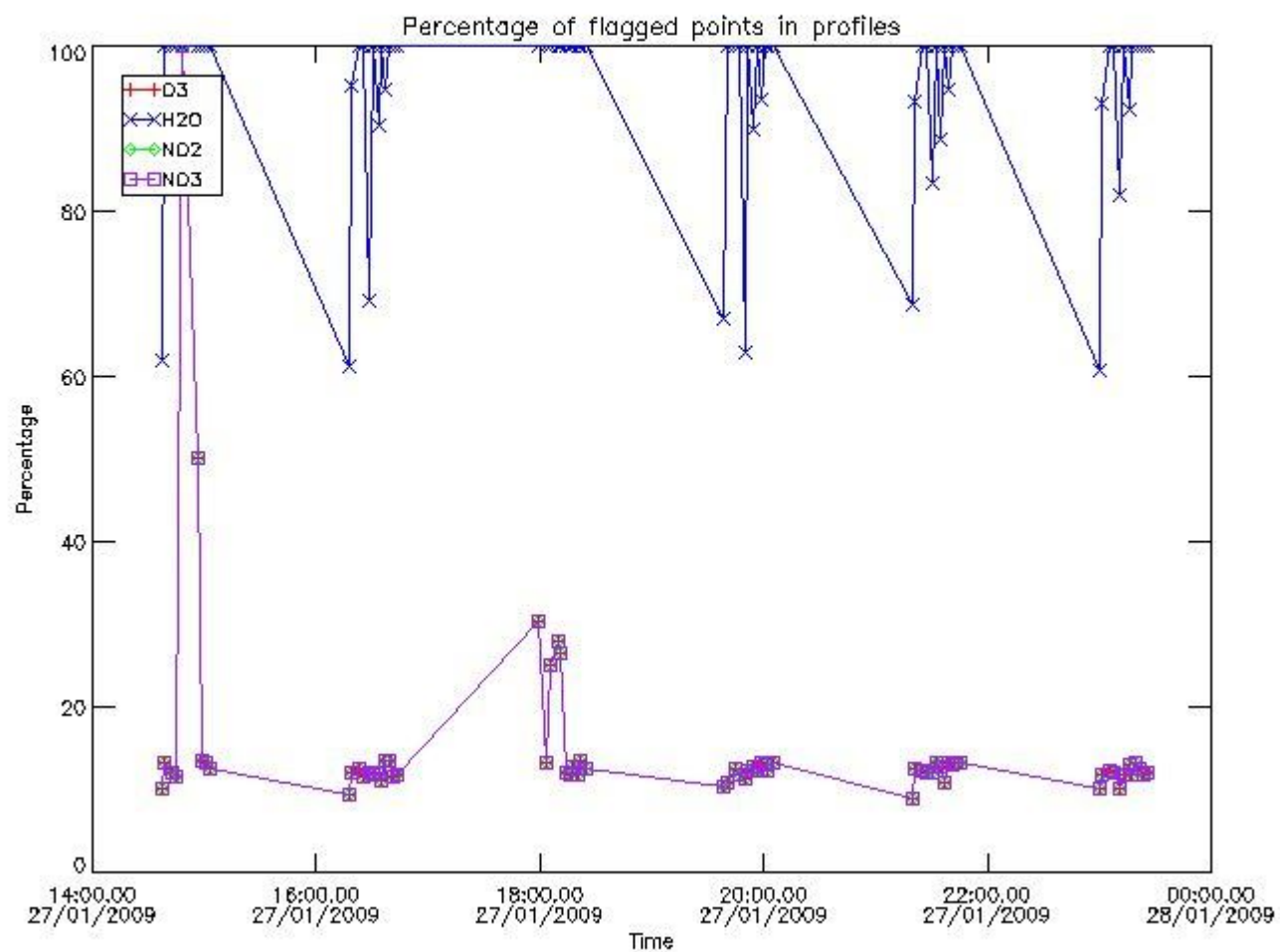
102	GOM_NL__2PRFIN20090127_200037_000000392076_00014_36140_8100.N1	27-JAN-2009 20:00:37	Dark	39.000	71	lot Car	2.2460	7700.0	78	36140	No
103	GOM_NL__2PRFIN20090127_200224_000000422076_00014_36140_8101.N1	27-JAN-2009 20:02:24	Dark	41.500	46	Del Vel	1.9540	10600.	83	36140	No
104	GOM_NL__2PRFIN20090127_200458_000000392076_00014_36140_8102.N1	27-JAN-2009 20:04:58	Dark	38.500	34	Gam2Vel	1.7930	23000.	77	36140	No
105	GOM_NL__2PRFIN20090127_200704_000000382076_00014_36140_8103.N1	27-JAN-2009 20:07:04	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	36140	No
106	GOM_NL__2PRFIN20090127_200830_000000422076_00014_36140_8104.N1	27-JAN-2009 20:08:30	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	36140	No
107	GOM_NL__2PRFIN20090127_201035_000000402076_00014_36140_8105.N1	27-JAN-2009 20:10:35	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	36140	No
108	GOM_NL__2PRFIN20090127_201220_000000352076_00014_36140_8106.N1	27-JAN-2009 20:12:20	Straylight	34.500	179	24Omi2CMa	3.0320	24000.	69	36140	No
109	GOM_NL__2PRFIN20090127_202026_000000502076_00014_36140_8107.N1	27-JAN-2009 20:20:26	Tw_i_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	36140	No
110	GOM_NL__2PRFIN20090127_202345_000000382076_00014_36140_8108.N1	27-JAN-2009 20:23:45	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	36140	No
111	GOM_NL__2PRFIN20090127_202533_000000382076_00014_36140_8109.N1	27-JAN-2009 20:25:33	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	36140	No
112	GOM_NL__2PRFIN20090127_202717_000000402076_00014_36140_8110.N1	27-JAN-2009 20:27:17	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	36140	No
113	GOM_NL__2PRFIN20090127_202949_000000362076_00014_36140_8111.N1	27-JAN-2009 20:29:49	Bright	36.000	107	37The Aur	2.6490	11000.	72	36140	No
114	GOM_NL__2PRFIN20090127_203156_000000372076_00014_36140_8112.N1	27-JAN-2009 20:31:56	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	36140	No
115	GOM_NL__2PRFIN20090127_204420_000000362076_00014_36140_8113.N1	27-JAN-2009 20:44:20	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36140	No
116	GOM_NL__2PRFIN20090127_204740_000000362076_00014_36140_8114.N1	27-JAN-2009 20:47:40	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	36140	No
117	GOM_NL__2PRFIN20090127_205218_000000402076_00014_36140_8115.N1	27-JAN-2009 20:52:18	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	36140	No
118	GOM_NL__2PRFIN20090127_205519_000000542076_00014_36140_8116.N1	27-JAN-2009 20:55:19	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	36140	No
119	GOM_NL__2PRFIN20090127_205849_000000402076_00014_36140_8117.N1	27-JAN-2009 20:58:49	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	36140	No
120	GOM_NL__2PRFIN20090127_210152_000000102076_00014_36140_8118.N1	27-JAN-2009 21:01:52	Straylight	10.000	133	40Zet Her	2.8070	6000.0	20	36140	No
121	GOM_NL__2PRFIN20090127_210654_000000102076_00014_36140_8119.N1	27-JAN-2009 21:06:54	Straylight	10.000	59	55Alp Oph	2.0800	8900.0	20	36140	No
122	GOM_NL__2PRFIN20090127_210902_000000532076_00014_36140_8120.N1	27-JAN-2009 21:09:02	Bright	52.500	126	60Bet Oph	2.7700	4250.0	105	36140	No
123	GOM_NL__2PRFIN20090127_211521_000000412076_00014_36140_8121.N1	27-JAN-2009 21:15:21	Tw_i_and_stray	40.500	86	35Eta Oph	2.4300	10200.	81	36140	No
124	GOM_NL__2PRFIN20090127_211929_000000572076_00014_36140_8122.N1	27-JAN-2009 21:19:29	Dark	56.500	16	21Alp Sco	1.0200	3000.0	113	36140	No
125	GOM_NL__2PRFIN20090127_212048_000000452076_00014_36140_8123.N1	27-JAN-2009 21:20:48	Dark	44.500	75	26Eps Sco	2.2910	4250.0	89	36140	No
126	GOM_NL__2PRFIN20090127_212510_000000422076_00014_36140_8124.N1	27-JAN-2009 21:25:10	Dark	41.500	131	Gam Lup	2.8000	26000.	83	36140	No
127	GOM_NL__2PRFIN20090127_212717_000000422076_00014_36140_8125.N1	27-JAN-2009 21:27:17	Dark	42.000	109	Bet Lup	2.6770	26000.	84	36140	No
128	GOM_NL__2PRFIN20090127_213034_000000432076_00015_36141_8103.N1	27-JAN-2009 21:30:34	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	36141	No
129	GOM_NL__2PRFIN20090127_213216_000000432076_00015_36141_8104.N1	27-JAN-2009 21:32:16	Dark	42.500	77	Eps Cen	2.3030	28000.	85	36141	No
130	GOM_NL__2PRFIN20090127_213509_000000402076_00015_36141_8105.N1	27-JAN-2009 21:35:09	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	36141	No
131	GOM_NL__2PRFIN20090127_213656_000000482076_00015_36141_8106.N1	27-JAN-2009 21:36:56	Dark	47.500	99	Del Cen	2.5750	26000.	95	36141	No
132	GOM_NL__2PRFIN20090127_213857_000000392076_00015_36141_8107.N1	27-JAN-2009 21:38:57	Dark	38.500	29	Bet Car	1.6720	10200.	77	36141	No
133	GOM_NL__2PRFIN20090127_214113_000000392076_00015_36141_8108.N1	27-JAN-2009 21:41:13	Dark	39.000	71	lot Car	2.2460	7700.0	78	36141	No
134	GOM_NL__2PRFIN20090127_214300_000000392076_00015_36141_8109.N1	27-JAN-2009 21:43:00	Dark	38.500	46	Del Vel	1.9540	10600.	77	36141	No
135	GOM_NL__2PRFIN20090127_214534_000000392076_00015_36141_8110.N1	27-JAN-2009 21:45:34	Dark	38.500	34	Gam2Vel	1.7930	23000.	77	36141	No
136	GOM_NL__2PRFIN20090127_214740_000000392076_00015_36141_8111.N1	27-JAN-2009 21:47:40	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	36141	No
137	GOM_NL__2PRFIN20090127_214906_000000452076_00015_36141_8112.N1	27-JAN-2009 21:49:06	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	36141	No
138	GOM_NL__2PRFIN20090127_215111_000000402076_00015_36141_8113.N1	27-JAN-2009 21:51:11	Straylight	39.500	88	31Eta CMa	2.4480	20000.	79	36141	No
139	GOM_NL__2PRFIN20090127_215256_000000392076_00015_36141_8114.N1	27-JAN-2009 21:52:56	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	36141	No
140	GOM_NL__2PRFIN20090127_220102_000000472076_00015_36141_8115.N1	27-JAN-2009 22:01:02	Tw_i_and_stray	46.500	8	10Alp CMi	0.40000	6500.0	93	36141	No
141	GOM_NL__2PRFIN20090127_220421_000000382076_00015_36141_8116.N1	27-JAN-2009 22:04:21	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	36141	No
142	GOM_NL__2PRFIN20090127_220609_000000382076_00015_36141_8117.N1	27-JAN-2009 22:06:09	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	36141	No
143	GOM_NL__2PRFIN20090127_220752_000000422076_00015_36141_8118.N1	27-JAN-2009 22:07:52	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	36141	No
144	GOM_NL__2PRFIN20090127_221025_000000352076_00015_36141_8119.N1	27-JAN-2009 22:10:25	Bright	35.000	107	37The Aur	2.6490	11000.	70	36141	No
145	GOM_NL__2PRFIN20090127_221232_000000372076_00015_36141_8120.N1	27-JAN-2009 22:12:32	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	36141	No
146	GOM_NL__2PRFIN20090127_222456_000000362076_00015_36141_8121.N1	27-JAN-2009 22:24:56	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36141	No
147	GOM_NL__2PRFIN20090127_222815_000000412076_00015_36141_8122.N1	27-JAN-2009 22:28:15	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	36141	No
148	GOM_NL__2PRFIN20090127_223254_000000402076_00015_36141_8123.N1	27-JAN-2009 22:32:54	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	36141	No
149	GOM_NL__2PRFIN20090127_223555_000000392076_00015_36141_8124.N1	27-JAN-2009 22:35:55	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	36141	No
150	GOM_NL__2PRFIN20090127_223925_000000522076_00015_36141_8125.N1	27-JAN-2009 22:39:25	Bright	52.000	5	3Alp Lyr	0.033000	11000.	104	36141	No
151	GOM_NL__2PRFIN20090127_224228_000000602076_00015_36141_8126.N1	27-JAN-2009 22:42:28	Bright	60.000	133	40Zet Her	2.8070	6000.0	120	36141	No
152	GOM_NL__2PRFIN20090127_224730_000000542076_00015_36141_8127.N1	27-JAN-2009 22:47:30	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	36141	No
153	GOM_NL__2PRFIN20090127_224938_000000362076_00015_36141_8128.N1	27-JAN-2009 22:49:38	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	36141	No
154	GOM_NL__2PRFIN20090127_225557_000000412076_00015_36141_8129.N1	27-JAN-2009 22:55:57	Tw_i_and_stray	40.500	86	35Eta Oph	2.4300	10200.	81	36141	No
155	GOM_NL__2PRFIN20090127_230005_000000502076_00015_36141_8130.N1	27-JAN-2009 23:00:05	Dark	50.000	16	21Alp Sco	1.0200	3000.0	100	36141	No
156	GOM_NL__2PRFIN20090127_230124_000000432076_00015_36141_8131.N1	27-JAN-2009 23:01:24	Dark	43.000	75	26Eps Sco	2.2910	4250.0	86	36141	No
157	GOM_NL__2PRFIN20090127_230546_000000422076_00015_36141_8132.N1	27-JAN-2009 23:05:46	Dark	41.500	131	Gam Lup	2.8000	26000.	83	36141	No
158	GOM_NL__2PRFIN20090127_230753_000000422076_00015_36141_8133.N1	27-JAN-2009 23:07:53	Dark	42.000	109	Bet Lup	2.6770	26000.	84	36141	No
159	GOM_NL__2PRFIN20090127_231110_000000502076_00016_36142_8112.N1	27-JAN-2009 23:11:10	Dark	50.000	4	Alp1Cen	-0.010000	5800.0	100	36142	No
160	GOM_NL__2PRFIN20090127_231253_000000432076_00016_36142_8113.N1	27-JAN-2009 23:12:53	Dark	43.000	77	Eps Cen	2.3030	28000.	86	36142	No

161	GOM_NL__2PRFIN20090127_231545_000000392076_00016_36142_8114.N1	27-JAN-2009 23:15:45	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	36142	No
162	GOM_NL__2PRFIN20090127_231732_000000442076_00016_36142_8115.N1	27-JAN-2009 23:17:32	Dark	43.500	99	Del Cen	2.5750	26000.	87	36142	No
163	GOM_NL__2PRFIN20090127_231933_000000392076_00016_36142_8116.N1	27-JAN-2009 23:19:33	Dark	38.500	29	Bet Car	1.6720	10200.	77	36142	No
164	GOM_NL__2PRFIN20090127_232149_000000412076_00016_36142_8117.N1	27-JAN-2009 23:21:49	Dark	40.500	71	lot Car	2.2460	7700.0	81	36142	No
165	GOM_NL__2PRFIN20090127_232336_000000432076_00016_36142_8118.N1	27-JAN-2009 23:23:36	Dark	43.000	46	Del Vel	1.9540	10600.	86	36142	No
166	GOM_NL__2PRFIN20090127_232610_000000432076_00016_36142_8119.N1	27-JAN-2009 23:26:10	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	36142	No
167	GOM_NL__2PRFIN20090127_232816_000000392076_00016_36142_8120.N1	27-JAN-2009 23:28:16	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	36142	No
168	GOM_NL__2PRFIN20090127_232942_000000402076_00016_36142_8121.N1	27-JAN-2009 23:29:42	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	36142	No
169	GOM_NL__2PRFIN20090127_233146_000000402076_00016_36142_8122.N1	27-JAN-2009 23:31:46	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	36142	No
170	GOM_NL__2PRFIN20090127_233332_000000382076_00016_36142_8123.N1	27-JAN-2009 23:33:32	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	36142	No
171	GOM_NL__2PRFIN20090127_234138_000000462076_00016_36142_8124.N1	27-JAN-2009 23:41:38	Tw_i_and_stray	46.000	8	10Alp CMi	0.40000	6500.0	92	36142	No
172	GOM_NL__2PRFIN20090127_234457_000000152076_00016_36142_8125.N1	27-JAN-2009 23:44:57	Tw_i_and_stray	15.000	44	24Gam Gem	1.9280	11000.	30	36142	No
173	GOM_NL__2PRFIN20090127_234645_000000152076_00016_36142_8126.N1	27-JAN-2009 23:46:45	Tw_i_and_stray	14.500	151	13Mu Gem	2.8900	3000.0	29	36142	No
174	GOM_NL__2PRFIN20090127_234828_000000412076_00016_36142_8127.N1	27-JAN-2009 23:48:28	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	36142	No
175	GOM_NL__2PRFIN20090127_235101_000000352076_00016_36142_8128.N1	27-JAN-2009 23:51:01	Bright	35.000	107	37The Aur	2.6490	11000.	70	36142	No
176	GOM_NL__2PRFIN20090127_235308_000000362076_00016_36142_8129.N1	27-JAN-2009 23:53:08	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	36142	No

3. Quality information per product

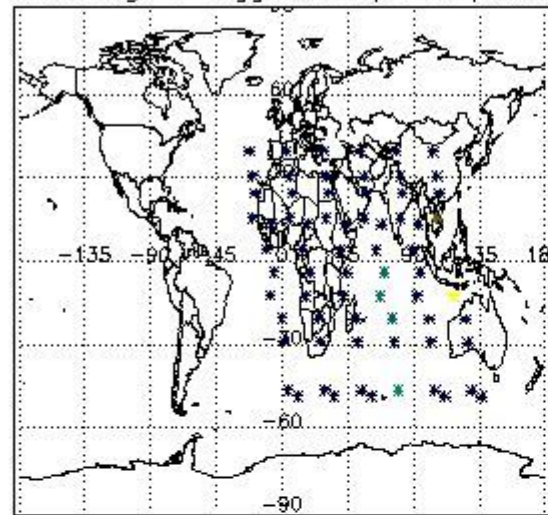
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

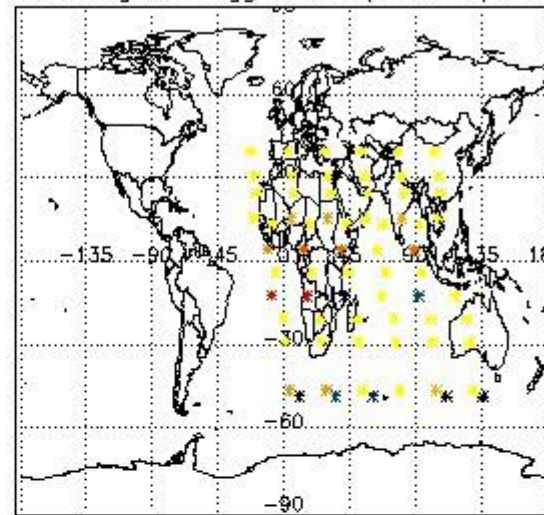


3.2 Plot quality information per product (world map)

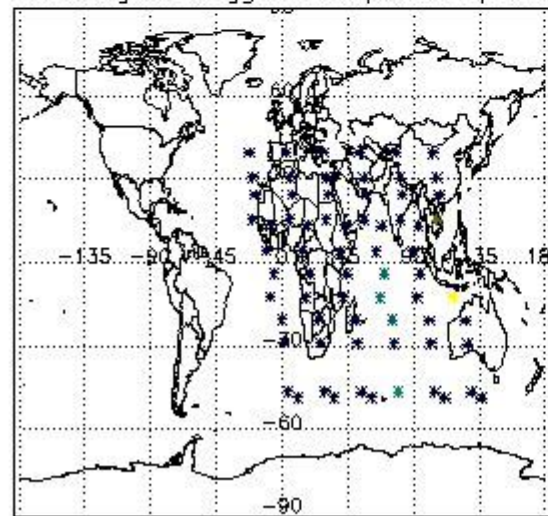
Percentage of flagged data per O3 profile



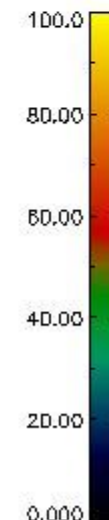
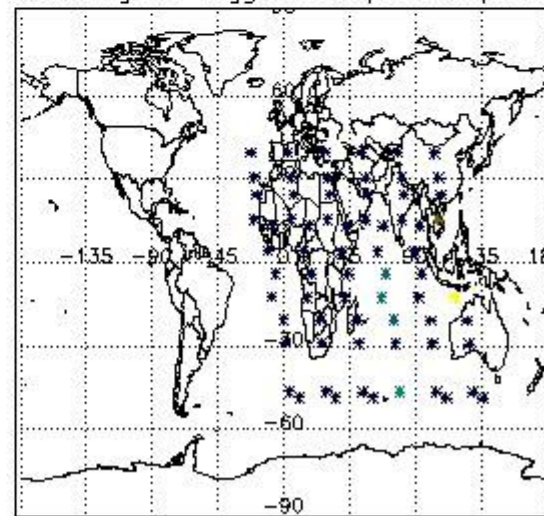
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

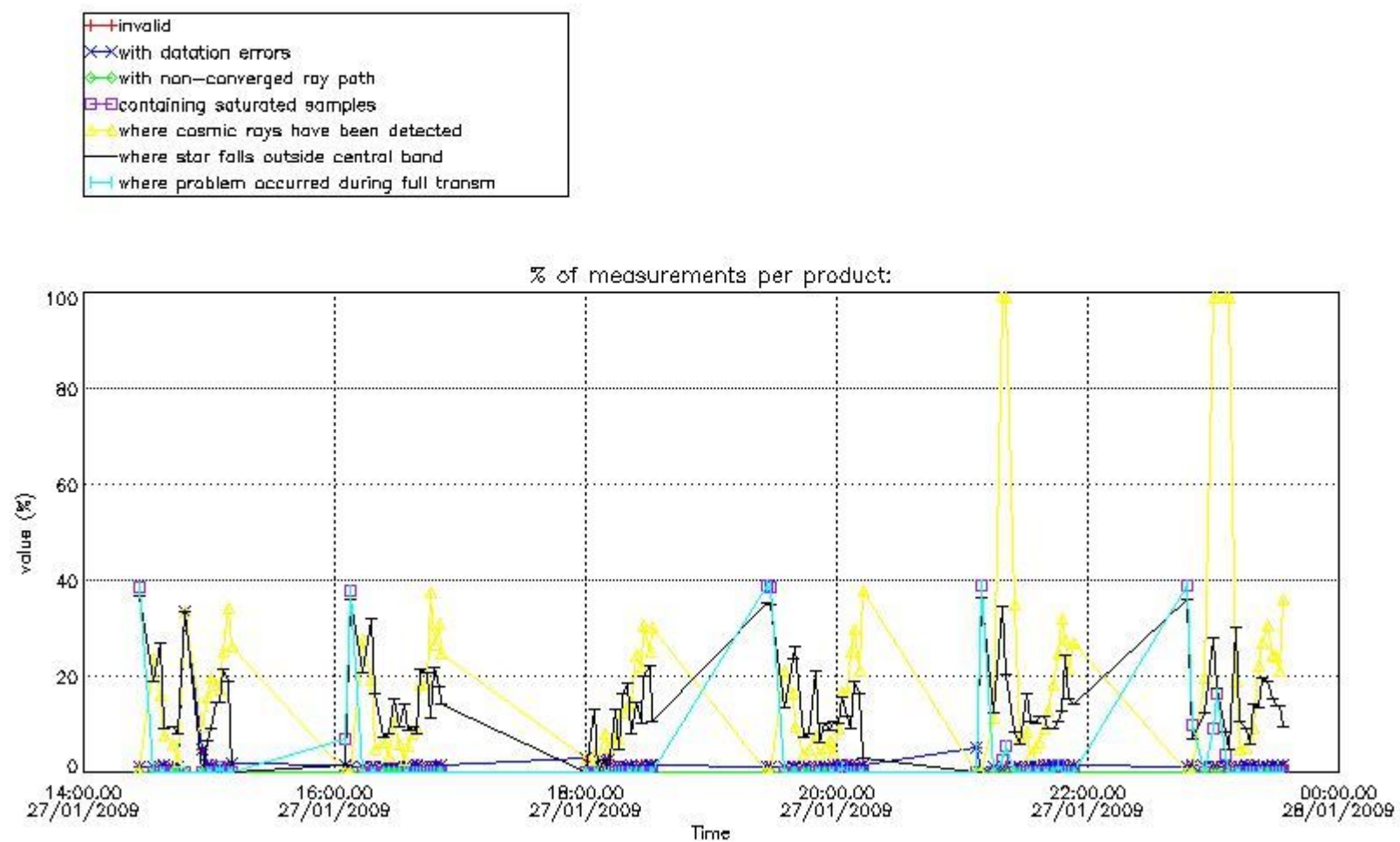


4. Level 1 quality information per product

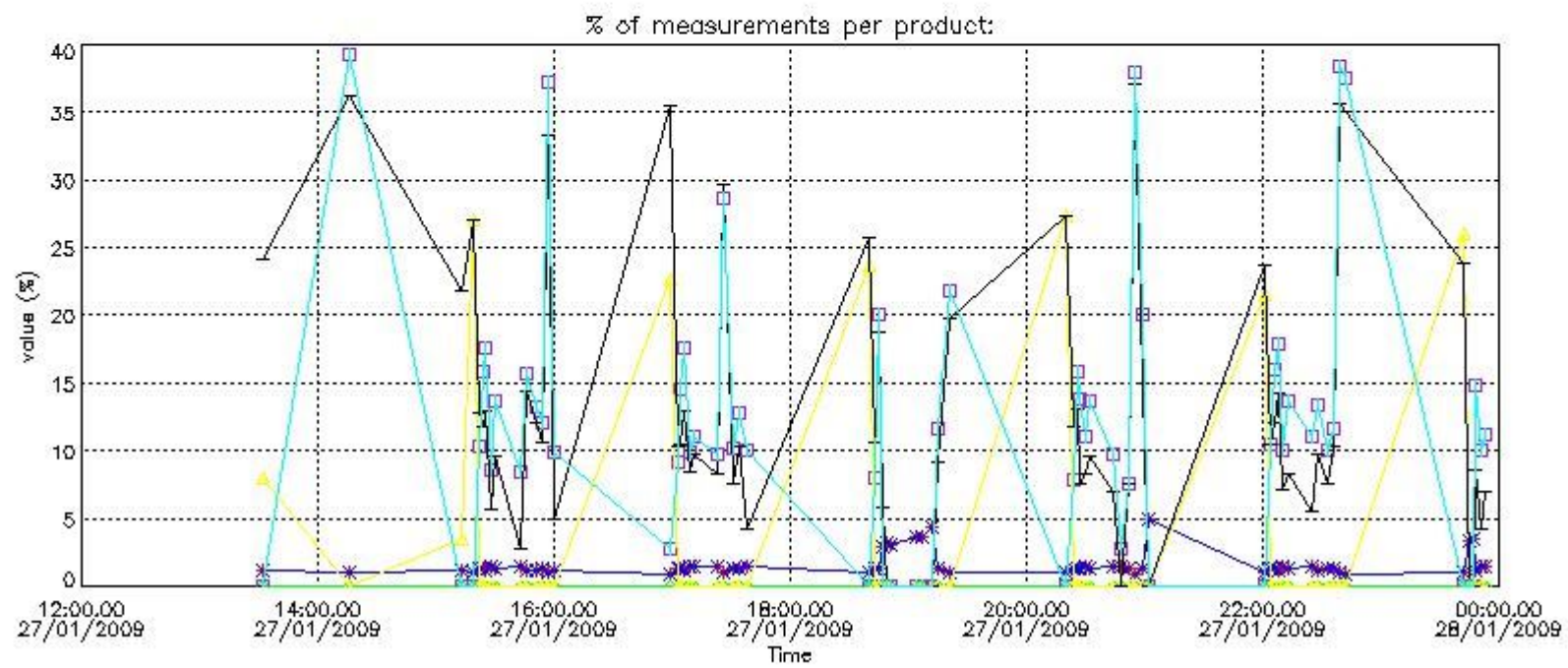
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



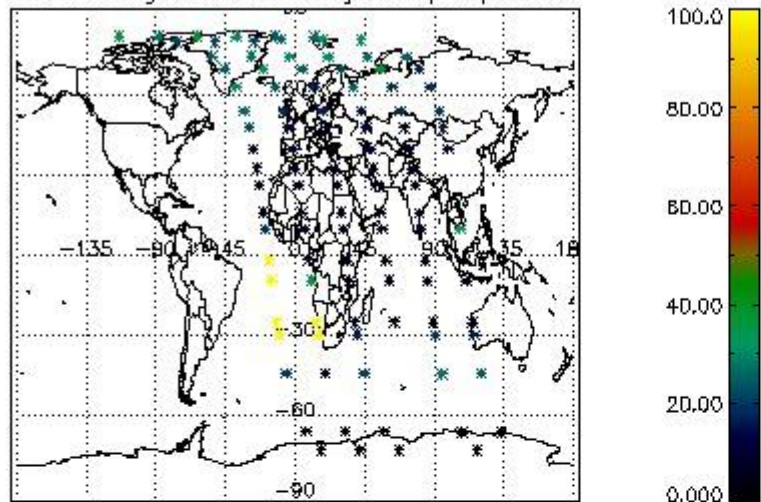
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



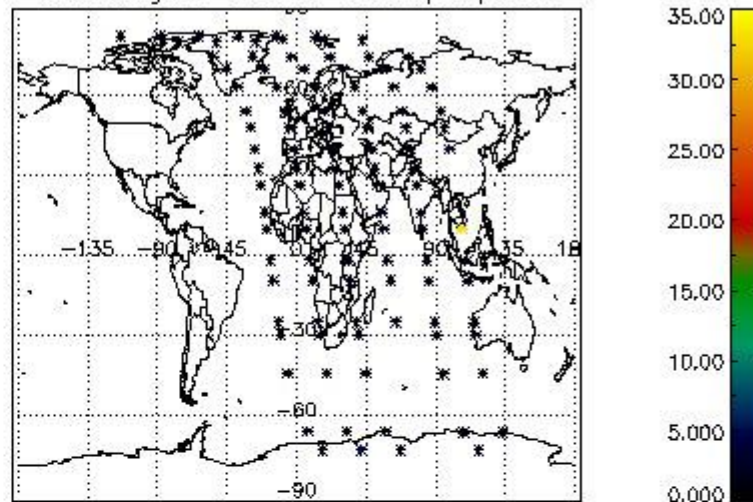
4.2 Plot quality information per product coming from level 1b processing (world map)

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

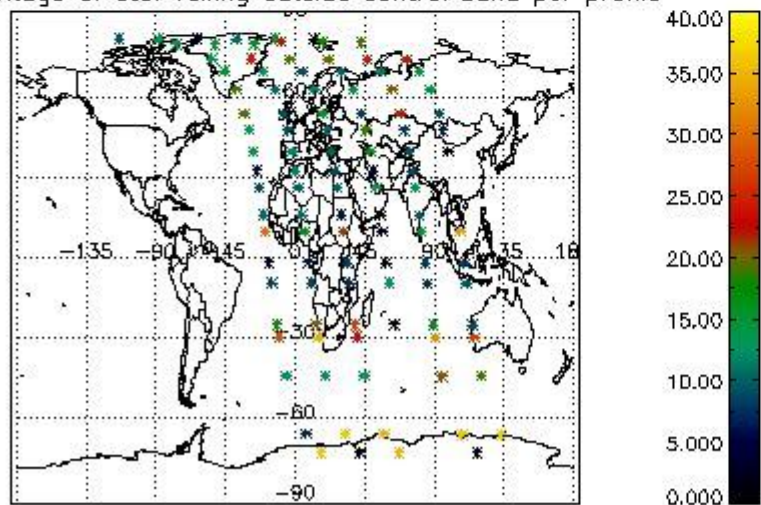
Percentage of cosmic ray hits per profile



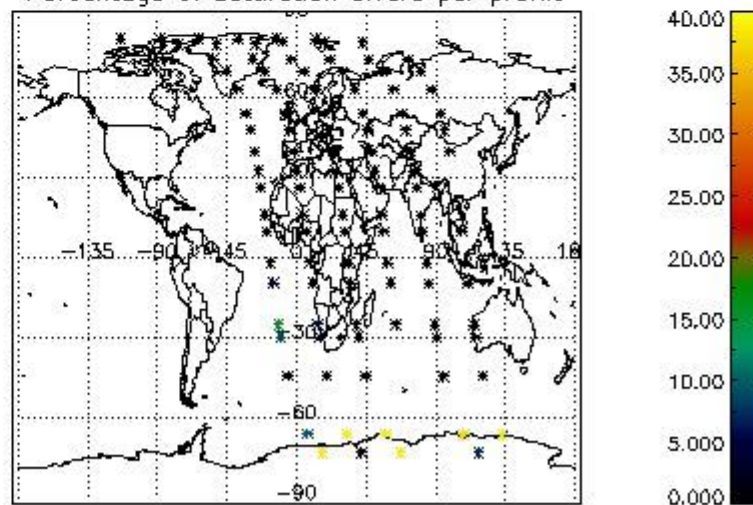
Percentage of datation errors per profile



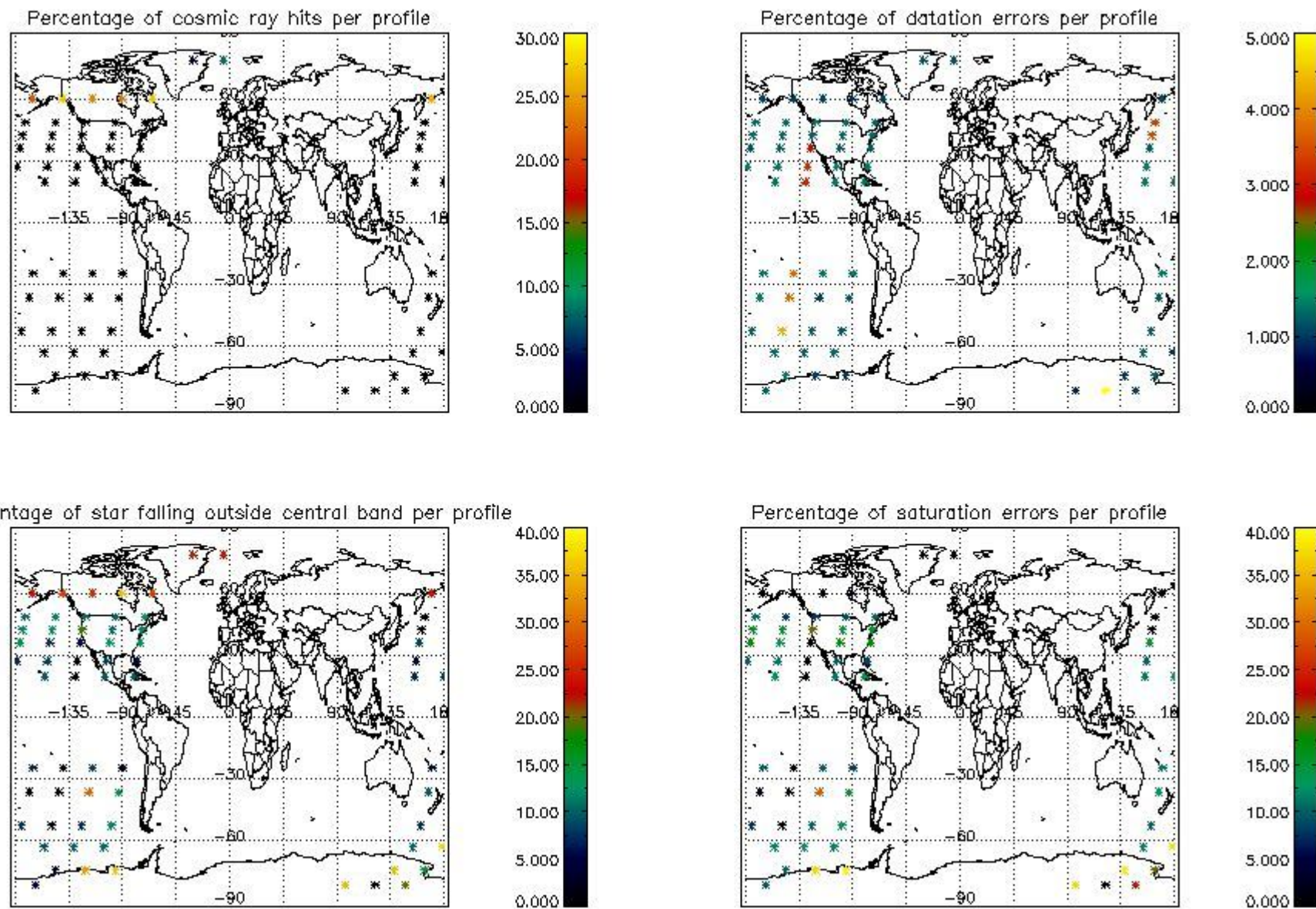
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

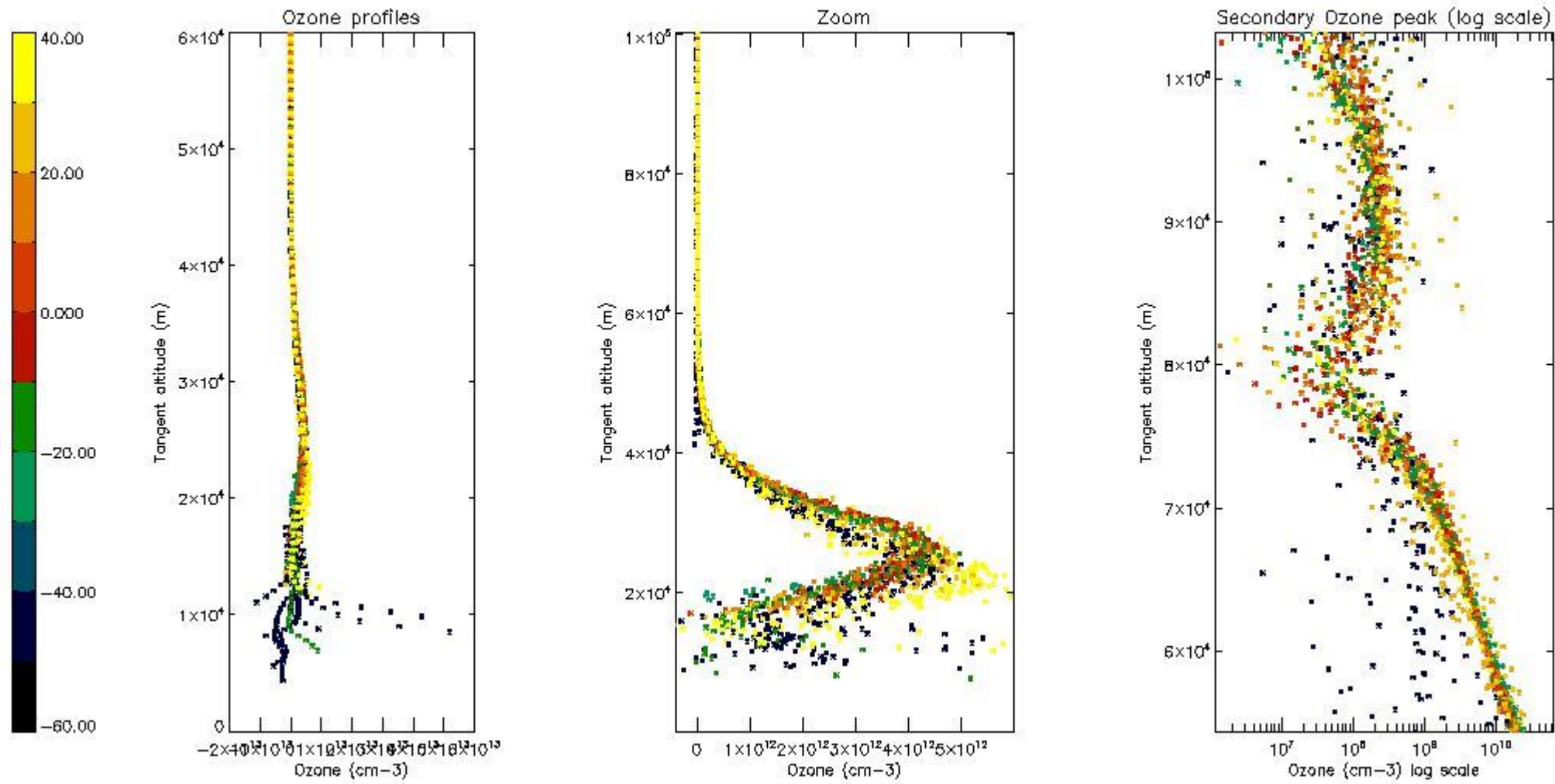
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	41
STD < 20	23

STD < 10	18
STD < 5	12

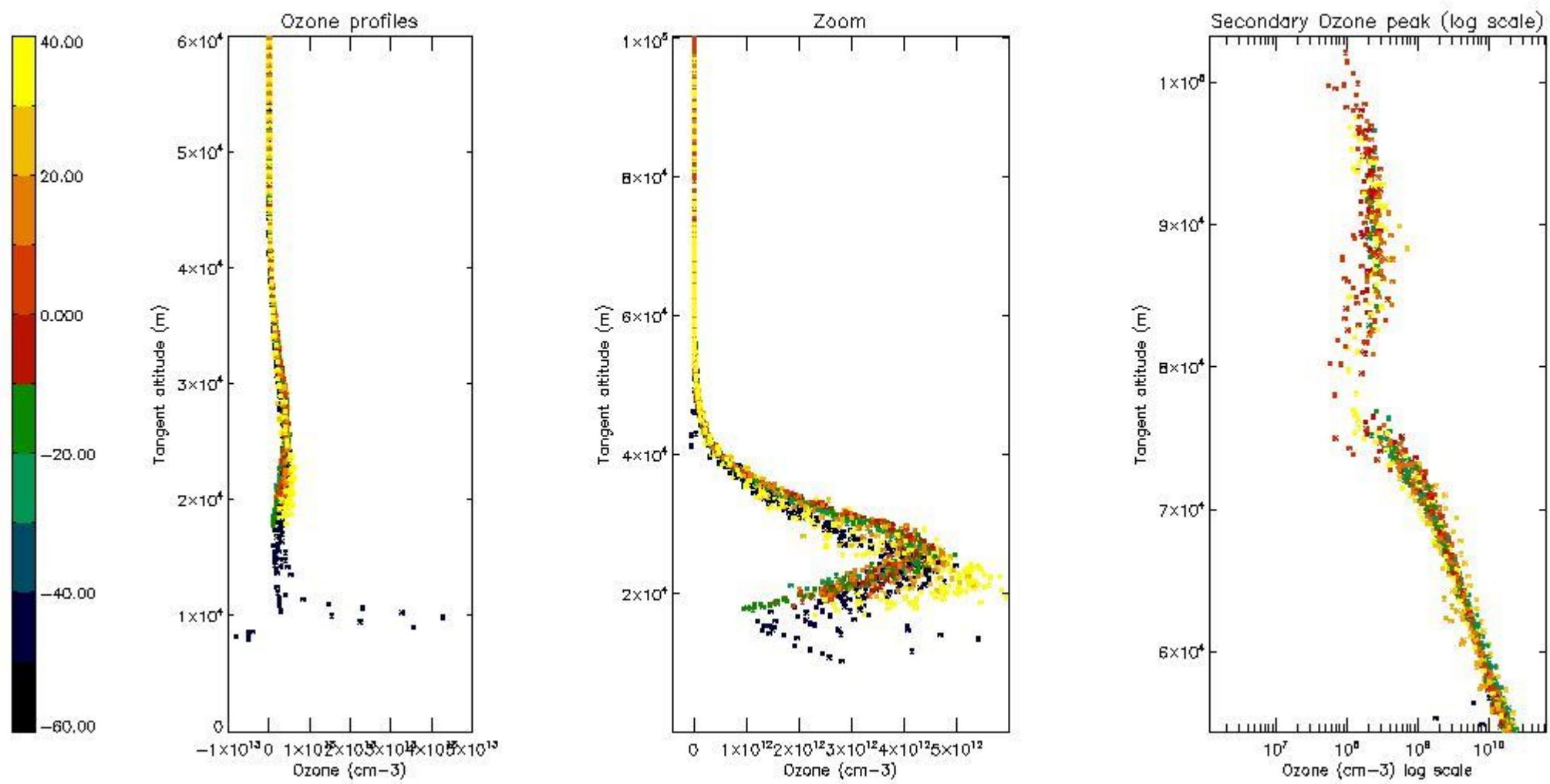
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



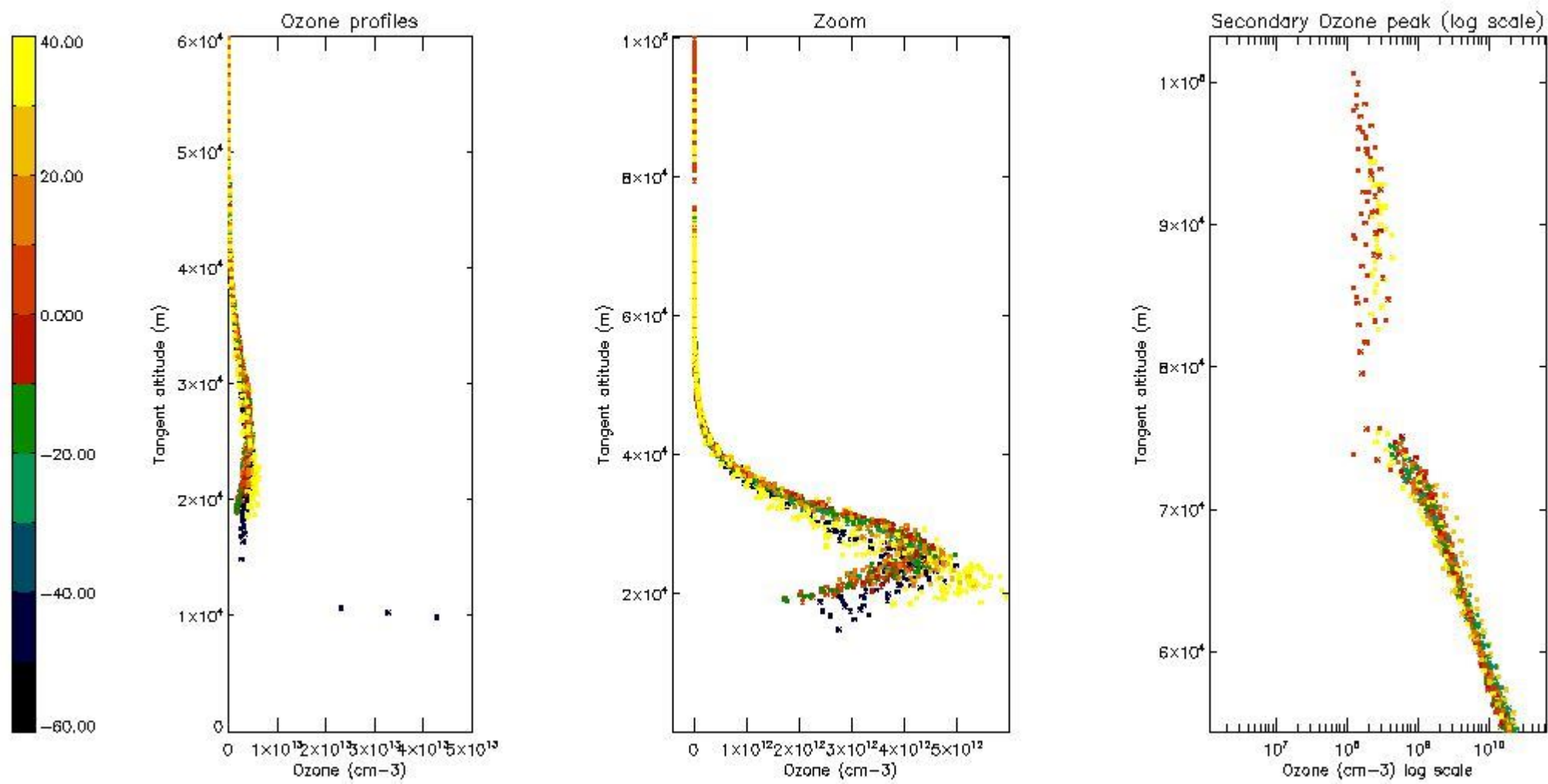
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



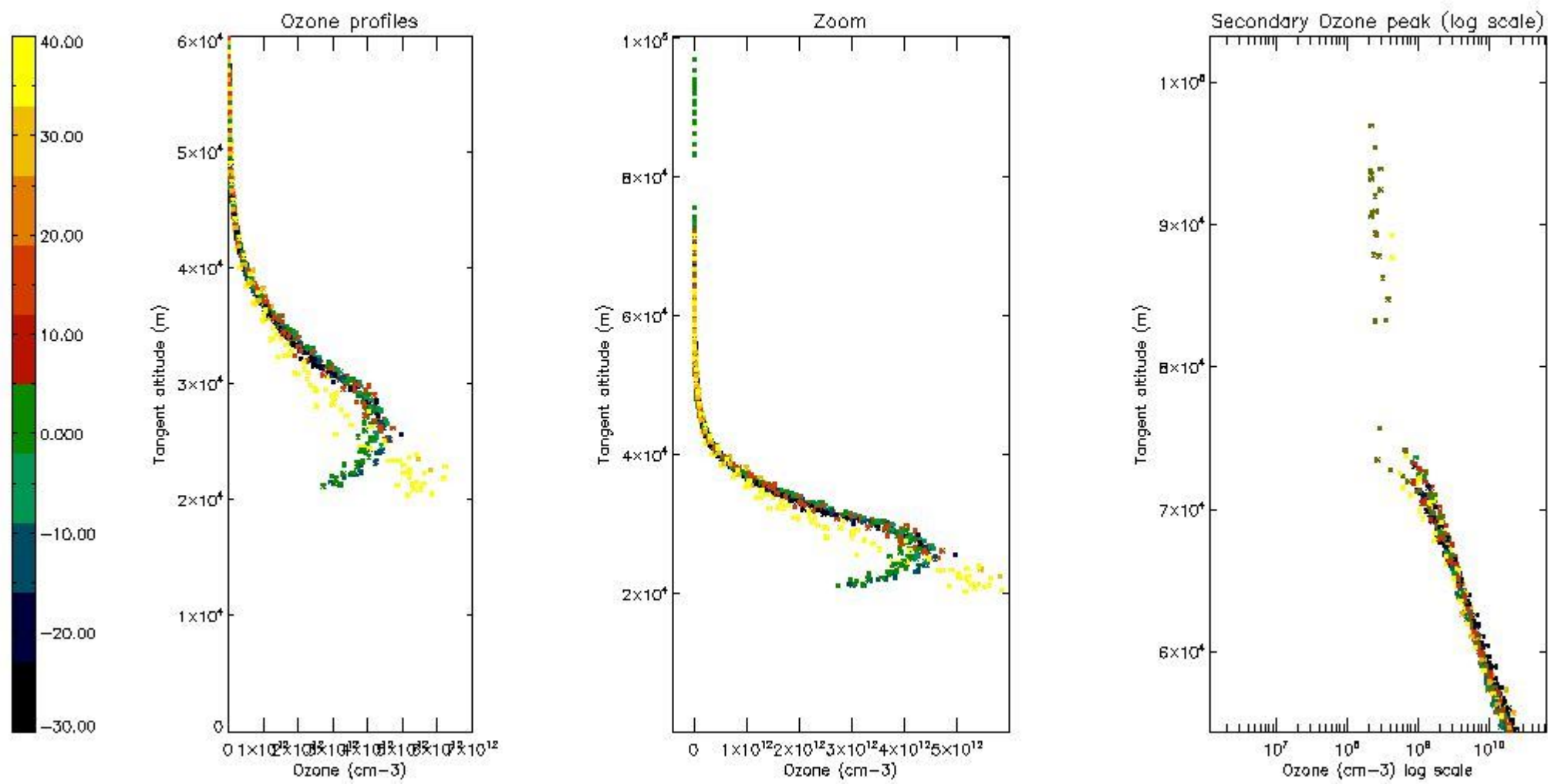
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



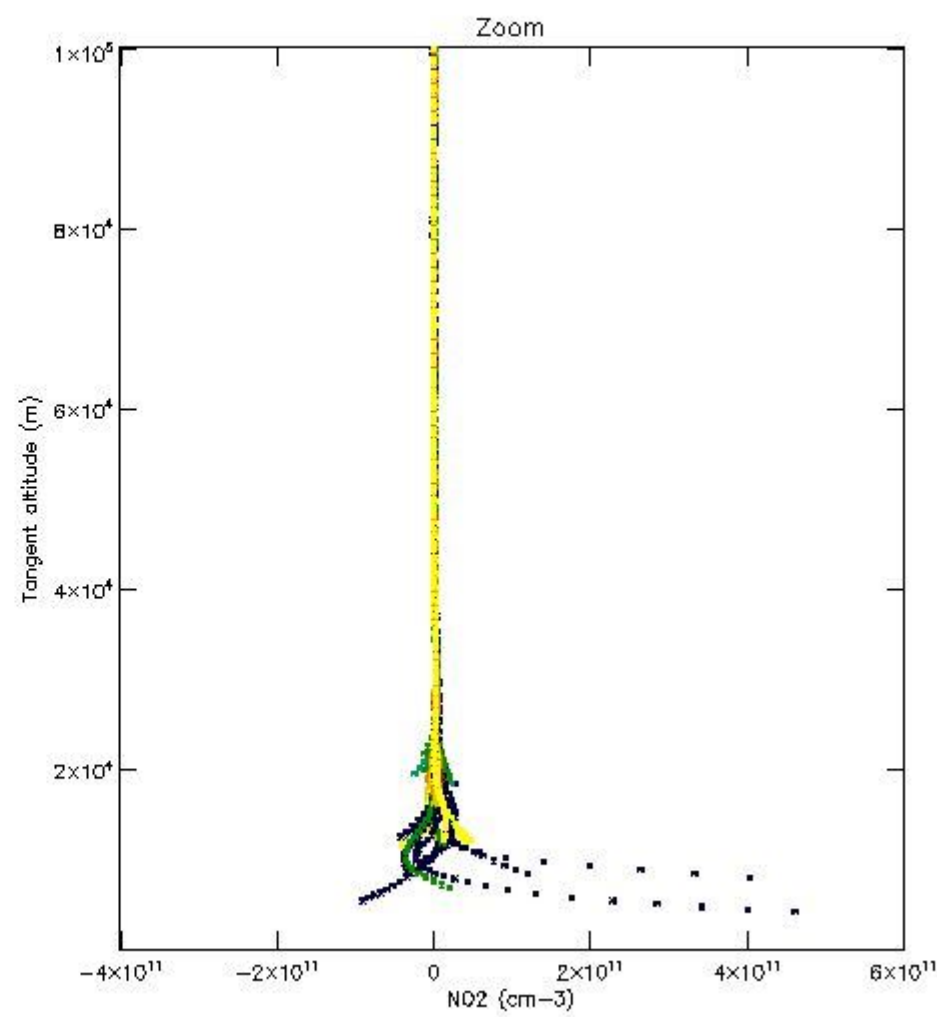
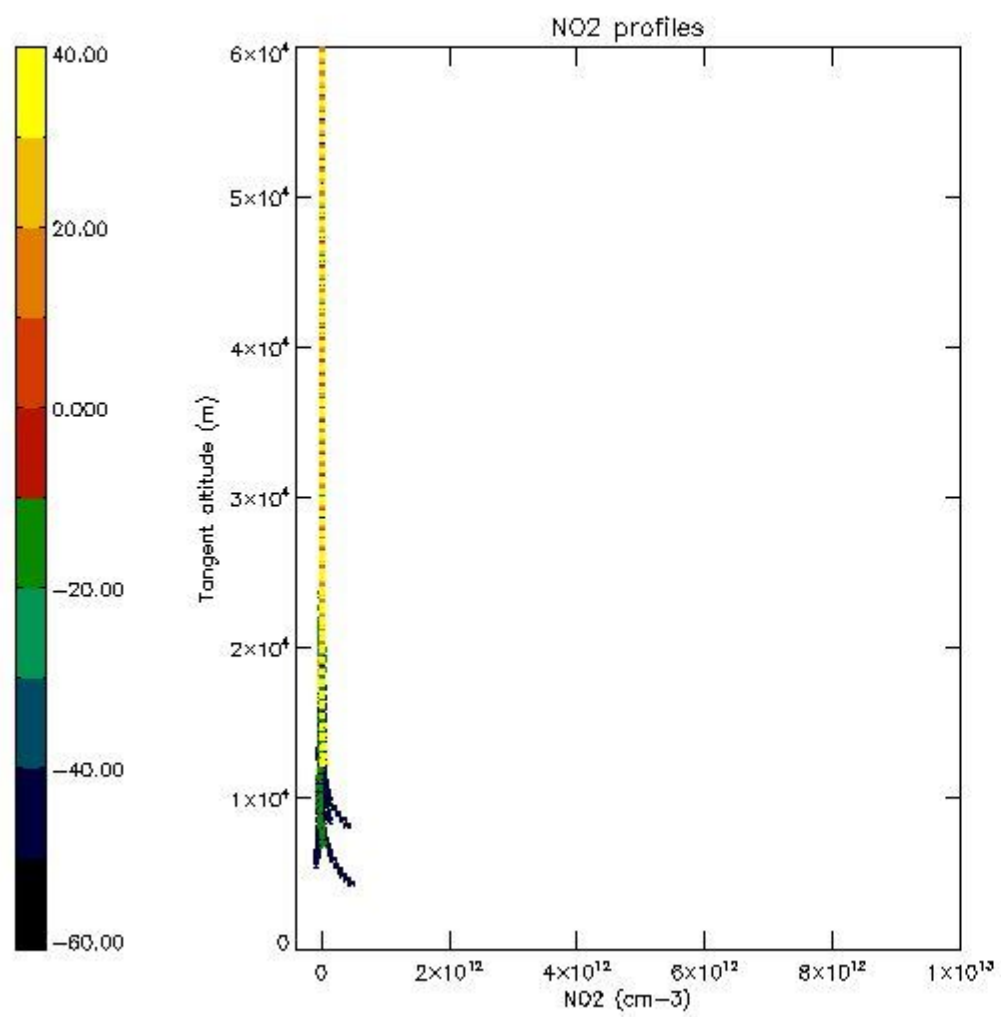
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



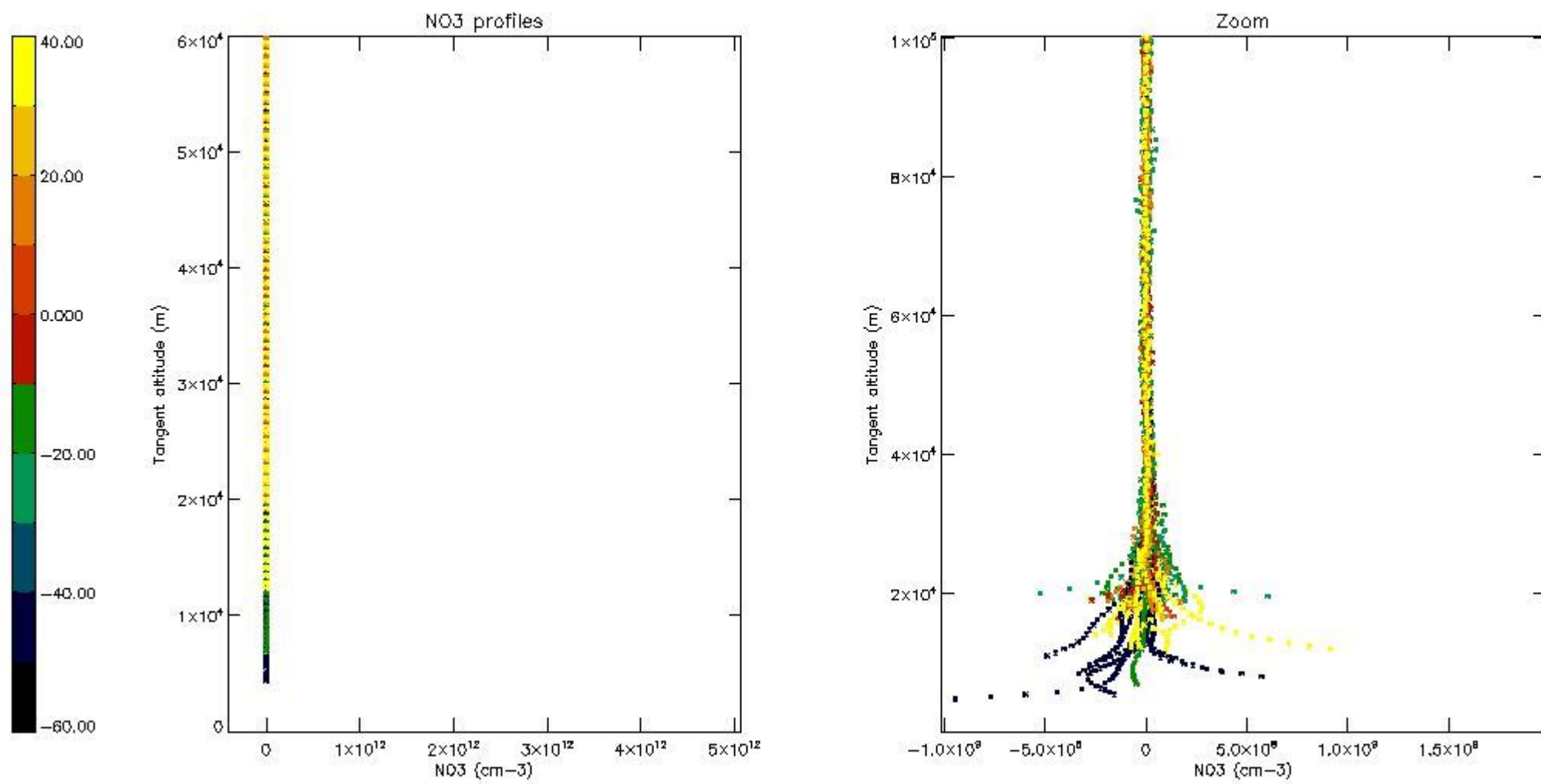
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



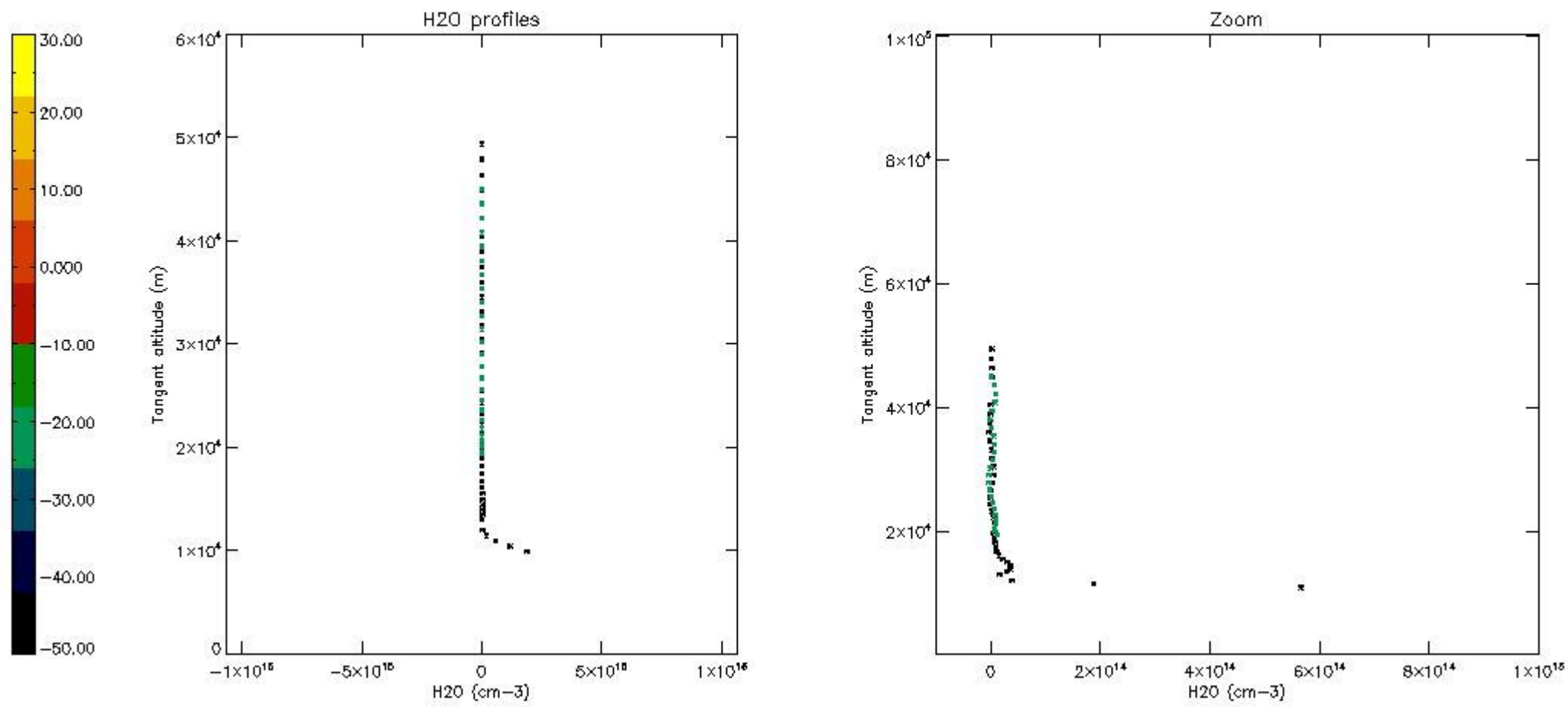
5.7 Plot NO3 profiles for all STD (dark without errors)

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	27-JAN-2009 13:32:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-JAN-2009 13:32:04
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-JAN-2009 13:32:04

GOMOS Level 2 Daily Report

SUMMARY

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[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](#)

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[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](#)

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[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 17:20:44
Data source version	GOMOS/6.01
Start time of products	27-01-2009 (27JAN2009 00:00:00)
Stop time of products	28-01-2009 (28JAN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	176
Nb of prods with errors	3

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__2PRFIN20090127_133204_000000442076_00010_36136_8007.N1	27-JAN-2009 13:32:04	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	36136	No
2	GOM_NL__2PRFIN20090127_141625_000000512076_00010_36136_8008.N1	27-JAN-2009 14:16:25	Bright	51.000	5	3Alp Lyr	0.033000	11000.	102	36136	No
3	GOM_NL__2PRFIN20090127_142637_000000532076_00010_36136_8009.N1	27-JAN-2009 14:26:37	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	36136	No
4	GOM_NL__2PRFIN20090127_143256_000000432076_00010_36136_8010.N1	27-JAN-2009 14:32:56	Twilight_stray	42.500	86	35Eta Oph	2.4300	10200.	85	36136	No
5	GOM_NL__2PRFIN20090127_143702_000000512076_00010_36136_8011.N1	27-JAN-2009 14:37:02	Dark	50.500	16	21Alp Sco	1.0200	3000.0	101	36136	No
6	GOM_NL__2PRFIN20090127_143822_000000392076_00010_36136_8012.N1	27-JAN-2009 14:38:22	Dark	38.500	75	26Eps Sco	2.2910	4250.0	77	36136	No
7	GOM_NL__2PRFIN20090127_144242_000000432076_00010_36136_8013.N1	27-JAN-2009 14:42:42	Dark	42.500	131	Gam Lup	2.8000	26000.	85	36136	No
8	GOM_NL__2PRFIN20090127_144449_000000442076_00010_36136_8014.N1	27-JAN-2009 14:44:49	Dark	44.000	109	Bet Lup	2.6770	26000.	88	36136	No
9	GOM_NL__2PRFIN20090127_144807_00000022076_00011_36137_8015.N1	27-JAN-2009 14:48:07	Dark	1.5000	4	Alp1Cen	-0.010000	5800.0	3	36137	No
10	GOM_NL__2PRFIN20090127_144949_00000022076_00011_36137_8016.N1	27-JAN-2009 14:49:49	Dark	1.5000	77	Eps Cen	2.3030	28000.	3	36137	Yes
11	GOM_NL__2PRFIN20090127_145242_00000012076_00011_36137_8017.N1	27-JAN-2009 14:52:42	Dark	1.0000	12	Alp1Cru	0.77500	30000.	2	36137	Yes
12	GOM_NL__2PRFIN20090127_145427_00000012076_00011_36137_8018.N1	27-JAN-2009 14:54:27	Dark	1.0000	99	Del Cen	2.5750	26000.	2	36137	Yes
13	GOM_NL__2PRFIN20090127_145632_000000112076_00011_36137_8019.N1	27-JAN-2009 14:56:32	Dark	10.500	29	Bet Car	1.6720	10200.	21	36137	No
14	GOM_NL__2PRFIN20090127_145848_000000382076_00011_36137_8020.N1	27-JAN-2009 14:58:48	Dark	38.000	71	lot Car	2.2460	7700.0	76	36137	No
15	GOM_NL__2PRFIN20090127_150035_000000392076_00011_36137_8021.N1	27-JAN-2009 15:00:35	Dark	38.500	46	Del Vel	1.9540	10600.	77	36137	No
16	GOM_NL__2PRFIN20090127_150309_000000412076_00011_36137_8022.N1	27-JAN-2009 15:03:09	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	36137	No
17	GOM_NL__2PRFIN20090127_150516_000000412076_00011_36137_8023.N1	27-JAN-2009 15:05:16	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	36137	No
18	GOM_NL__2PRFIN20090127_150641_000000442076_00011_36137_8024.N1	27-JAN-2009 15:06:41	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	36137	No
19	GOM_NL__2PRFIN20090127_150908_000000432076_00011_36137_8025.N1	27-JAN-2009 15:09:08	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	36137	No
20	GOM_NL__2PRFIN20090127_151031_000000292076_00011_36137_8026.N1	27-JAN-2009 15:10:31	Straylight	28.500	179	24Omi2CMa	3.0320	24000.	57	36137	No
21	GOM_NL__2PRFIN20090127_151240_000000442076_00011_36137_8027.N1	27-JAN-2009 15:12:40	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	36137	No
22	GOM_NL__2PRFIN20090127_151838_000000482076_00011_36137_8028.N1	27-JAN-2009 15:18:38	Twilight_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	36137	No
23	GOM_NL__2PRFIN20090127_152157_000000392076_00011_36137_8029.N1	27-JAN-2009 15:21:57	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	36137	No
24	GOM_NL__2PRFIN20090127_152345_000000382076_00011_36137_8030.N1	27-JAN-2009 15:23:45	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	36137	No
25	GOM_NL__2PRFIN20090127_152529_000000432076_00011_36137_8031.N1	27-JAN-2009 15:25:29	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	36137	No
26	GOM_NL__2PRFIN20090127_152800_000000352076_00011_36137_8032.N1	27-JAN-2009 15:28:00	Bright	35.000	107	37The Aur	2.6490	11000.	70	36137	No
27	GOM_NL__2PRFIN20090127_153007_000000372076_00011_36137_8033.N1	27-JAN-2009 15:30:07	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	36137	No
28	GOM_NL__2PRFIN20090127_154232_000000362076_00011_36137_8034.N1	27-JAN-2009 15:42:32	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	36137	No
29	GOM_NL__2PRFIN20090127_154553_000000422076_00011_36137_8035.N1	27-JAN-2009 15:45:53	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	36137	No
30	GOM_NL__2PRFIN20090127_155030_000000422076_00011_36137_8036.N1	27-JAN-2009 15:50:30	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	36137	No
31	GOM_NL__2PRFIN20090127_155332_000000382076_00011_36137_8037.N1	27-JAN-2009 15:53:32	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	36137	No
32	GOM_NL__2PRFIN20090127_155701_000000512076_00011_36137_8038.N1	27-JAN-2009 15:57:01	Bright	51.000	5	3Alp Lyr	0.033000	11000.	102	36137	No
33	GOM_NL__2PRFIN20090127_160004_000000412076_00011_36137_8039.N1	27-JAN-2009 16:00:04	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	36137	No
34	GOM_NL__2PRFIN20090127_160506_000000362076_00011_36137_8040.N1	27-JAN-2009 16:05:06	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	36137	No
35	GOM_NL__2PRFIN20090127_160712_000000532076_00011_36137_8041.N1	27-JAN-2009 16:07:12	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	36137	No
36	GOM_NL__2PRFIN20090127_161332_000000442076_00011_36137_8042.N1	27-JAN-2009 16:13:32	Twilight_stray	43.500	86	35Eta Oph	2.4300	10200.	87	36137	No
37	GOM_NL__2PRFIN20090127_161739_000000552076_00011_36137_8043.N1	27-JAN-2009 16:17:39	Dark	54.500	16	21Alp Sco	1.0200	3000.0	109	36137	No
38	GOM_NL__2PRFIN20090127_161859_000000432076_00011_36137_8044.N1	27-JAN-2009 16:18:59	Dark	42.500	75	26Eps Sco	2.2910	4250.0	85	36137	No
39	GOM_NL__2PRFIN20090127_162319_000000412076_00011_36137_8045.N1	27-JAN-2009 16:23:19	Dark	41.000	131	Gam Lup	2.8000	26000.	82	36137	No
40	GOM_NL__2PRFIN20090127_162526_000000442076_00011_36137_8046.N1	27-JAN-2009 16:25:26	Dark	44.000	109	Bet Lup	2.6770	26000.	88	36137	No
41	GOM_NL__2PRFIN20090127_162844_000000432076_00012_36138_8038.N1	27-JAN-2009 16:28:44	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	36138	No
42	GOM_NL__2PRFIN20090127_163026_000000432076_00012_36138_8039.N1	27-JAN-2009 16:30:26	Dark	43.000	77	Eps Cen	2.3030	28000.	86	36138	No

43	GOM_NL__2PRFIN20090127_163319_000000422076_00012_36138_8040.N1	27-JAN-2009 16:33:19	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	36138	No
44	GOM_NL__2PRFIN20090127_163505_000000462076_00012_36138_8041.N1	27-JAN-2009 16:35:05	Dark	46.000	99	Del Cen	2.5750	26000.	92	36138	No
45	GOM_NL__2PRFIN20090127_163708_000000382076_00012_36138_8042.N1	27-JAN-2009 16:37:08	Dark	37.500	29	Bet Car	1.6720	10200.	75	36138	No
46	GOM_NL__2PRFIN20090127_163925_000000382076_00012_36138_8043.N1	27-JAN-2009 16:39:25	Dark	38.000	71	lot Car	2.2460	7700.0	76	36138	No
47	GOM_NL__2PRFIN20090127_164111_000000442076_00012_36138_8044.N1	27-JAN-2009 16:41:11	Dark	44.000	46	Del Vel	1.9540	10600.	88	36138	No
48	GOM_NL__2PRFIN20090127_164346_000000442076_00012_36138_8045.N1	27-JAN-2009 16:43:46	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	36138	No
49	GOM_NL__2PRFIN20090127_164551_000000402076_00012_36138_8046.N1	27-JAN-2009 16:45:51	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	36138	No
50	GOM_NL__2PRFIN20090127_164718_000000442076_00012_36138_8047.N1	27-JAN-2009 16:47:18	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	36138	No
51	GOM_NL__2PRFIN20090127_164944_000000422076_00012_36138_8048.N1	27-JAN-2009 16:49:44	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	36138	No
52	GOM_NL__2PRFIN20090127_165108_000000392076_00012_36138_8049.N1	27-JAN-2009 16:51:08	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	36138	No
53	GOM_NL__2PRFIN20090127_165914_000000552076_00012_36138_8050.N1	27-JAN-2009 16:59:14	Tw_i_and_stray	55.000	8	10Alp CMi	0.40000	6500.0	110	36138	No
54	GOM_NL__2PRFIN20090127_170233_000000392076_00012_36138_8051.N1	27-JAN-2009 17:02:33	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	36138	No
55	GOM_NL__2PRFIN20090127_170421_000000382076_00012_36138_8052.N1	27-JAN-2009 17:04:21	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	36138	No
56	GOM_NL__2PRFIN20090127_170605_000000432076_00012_36138_8053.N1	27-JAN-2009 17:06:05	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	36138	No
57	GOM_NL__2PRFIN20090127_170836_000000362076_00012_36138_8054.N1	27-JAN-2009 17:08:36	Bright	35.500	107	37The Aur	2.6490	11000.	71	36138	No
58	GOM_NL__2PRFIN20090127_171043_000000362076_00012_36138_8055.N1	27-JAN-2009 17:10:43	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	36138	No
59	GOM_NL__2PRFIN20090127_172308_000000362076_00012_36138_8056.N1	27-JAN-2009 17:23:08	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36138	No
60	GOM_NL__2PRFIN20090127_172628_000000512076_00012_36138_8057.N1	27-JAN-2009 17:26:28	Bright	50.500	60	7Bet UMi	2.0810	3950.0	101	36138	No
61	GOM_NL__2PRFIN20090127_173106_000000402076_00012_36138_8058.N1	27-JAN-2009 17:31:06	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	36138	No
62	GOM_NL__2PRFIN20090127_173408_000000392076_00012_36138_8059.N1	27-JAN-2009 17:34:08	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	36138	No
63	GOM_NL__2PRFIN20090127_173737_000000352076_00012_36138_8060.N1	27-JAN-2009 17:37:37	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	36138	No
64	GOM_NL__2PRFIN20090127_175935_000000172076_00012_36138_8061.N1	27-JAN-2009 17:59:35	Dark	17.000	75	26Eps Sco	2.2910	4250.0	34	36138	No
65	GOM_NL__2PRFIN20090127_180356_000000422076_00012_36138_8062.N1	27-JAN-2009 18:03:56	Dark	42.000	131	Gam Lup	2.8000	26000.	84	36138	No
66	GOM_NL__2PRFIN20090127_180603_000000212076_00012_36138_8063.N1	27-JAN-2009 18:06:03	Dark	20.500	109	Bet Lup	2.6770	26000.	41	36138	No
67	GOM_NL__2PRFIN20090127_180921_000000192076_00013_36139_8060.N1	27-JAN-2009 18:09:21	Dark	18.500	4	Alp1Cen	-0.010000	5800.0	37	36139	No
68	GOM_NL__2PRFIN20090127_181103_000000202076_00013_36139_8061.N1	27-JAN-2009 18:11:03	Dark	19.500	77	Eps Cen	2.3030	28000.	39	36139	No
69	GOM_NL__2PRFIN20090127_181356_000000422076_00013_36139_8062.N1	27-JAN-2009 18:13:56	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	36139	No
70	GOM_NL__2PRFIN20090127_181542_000000442076_00013_36139_8063.N1	27-JAN-2009 18:15:42	Dark	43.500	99	Del Cen	2.5750	26000.	87	36139	No
71	GOM_NL__2PRFIN20090127_181745_000000402076_00013_36139_8064.N1	27-JAN-2009 18:17:45	Dark	40.000	29	Bet Car	1.6720	10200.	80	36139	No
72	GOM_NL__2PRFIN20090127_182001_000000432076_00013_36139_8065.N1	27-JAN-2009 18:20:01	Dark	43.000	71	lot Car	2.2460	7700.0	86	36139	No
73	GOM_NL__2PRFIN20090127_182148_000000382076_00013_36139_8066.N1	27-JAN-2009 18:21:48	Dark	38.000	46	Del Vel	1.9540	10600.	76	36139	No
74	GOM_NL__2PRFIN20090127_182422_000000412076_00013_36139_8067.N1	27-JAN-2009 18:24:22	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	36139	No
75	GOM_NL__2PRFIN20090127_182628_000000392076_00013_36139_8068.N1	27-JAN-2009 18:26:28	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	36139	No
76	GOM_NL__2PRFIN20090127_182754_000000432076_00013_36139_8069.N1	27-JAN-2009 18:27:54	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	36139	No
77	GOM_NL__2PRFIN20090127_183026_000000362076_00013_36139_8070.N1	27-JAN-2009 18:30:26	Straylight	36.000	23	21Eps CMa	1.5020	26000.	72	36139	No
78	GOM_NL__2PRFIN20090127_183143_000000382076_00013_36139_8071.N1	27-JAN-2009 18:31:43	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	36139	No
79	GOM_NL__2PRFIN20090127_183950_000000492076_00013_36139_8072.N1	27-JAN-2009 18:39:50	Tw_i_and_stray	48.500	8	10Alp CMi	0.40000	6500.0	97	36139	No
80	GOM_NL__2PRFIN20090127_184309_000000382076_00013_36139_8073.N1	27-JAN-2009 18:43:09	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	36139	No
81	GOM_NL__2PRFIN20090127_184457_000000402076_00013_36139_8074.N1	27-JAN-2009 18:44:57	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	36139	No
82	GOM_NL__2PRFIN20090127_184641_000000172076_00013_36139_8075.N1	27-JAN-2009 18:46:41	Tw_i_and_stray	17.000	17	78Bet Gem	1.1610	4500.0	34	36139	No
83	GOM_NL__2PRFIN20090127_184913_000000162076_00013_36139_8076.N1	27-JAN-2009 18:49:13	Tw_i_and_stray	15.500	107	37The Aur	2.6490	11000.	31	36139	No
84	GOM_NL__2PRFIN20090127_185119_000000162076_00013_36139_8077.N1	27-JAN-2009 18:51:19	Tw_i_and_stray	16.000	42	34Bet Aur	1.9000	10200.	32	36139	No
85	GOM_NL__2PRFIN20090127_190344_000000142076_00013_36139_8078.N1	27-JAN-2009 19:03:44	Tw_i_and_stray	13.500	49	1Alp UMi	1.9900	6300.0	27	36139	No
86	GOM_NL__2PRFIN20090127_190704_000000142076_00013_36139_8079.N1	27-JAN-2009 19:07:04	Tw_i_and_stray	13.500	60	7Bet UMi	2.0810	3950.0	27	36139	No
87	GOM_NL__2PRFIN20090127_191142_000000122076_00013_36139_8080.N1	27-JAN-2009 19:11:42	Tw_i_and_stray	11.500	119	14Eta Dra	2.7270	4700.0	23	36139	No
88	GOM_NL__2PRFIN20090127_191443_000000392076_00013_36139_8081.N1	27-JAN-2009 19:14:43	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	36139	No
89	GOM_NL__2PRFIN20090127_192116_000000482076_00013_36139_8082.N1	27-JAN-2009 19:21:16	Bright	48.000	133	40Zet Her	2.8070	6000.0	96	36139	No
90	GOM_NL__2PRFIN20090127_192618_000000542076_00013_36139_8083.N1	27-JAN-2009 19:26:18	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	36139	No
91	GOM_NL__2PRFIN20090127_192826_000000532076_00013_36139_8084.N1	27-JAN-2009 19:28:26	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	36139	No
92	GOM_NL__2PRFIN20090127_193445_000000412076_00013_36139_8085.N1	27-JAN-2009 19:34:45	Tw_i_and_stray	40.500	86	35Eta Oph	2.4300	10200.	81	36139	No
93	GOM_NL__2PRFIN20090127_193852_000000492076_00013_36139_8086.N1	27-JAN-2009 19:38:52	Dark	49.000	16	21Alp Sco	1.0200	3000.0	98	36139	No
94	GOM_NL__2PRFIN20090127_194011_000000482076_00013_36139_8087.N1	27-JAN-2009 19:40:11	Dark	47.500	75	26Eps Sco	2.2910	4250.0	95	36139	No
95	GOM_NL__2PRFIN20090127_194433_000000412076_00013_36139_8088.N1	27-JAN-2009 19:44:33	Dark	41.000	131	Gam Lup	2.8000	26000.	82	36139	No
96	GOM_NL__2PRFIN20090127_194640_000000432076_00013_36139_8089.N1	27-JAN-2009 19:46:40	Dark	43.000	109	Bet Lup	2.6770	26000.	86	36139	No
97	GOM_NL__2PRFIN20090127_194957_000000452076_00014_36140_8095.N1	27-JAN-2009 19:49:57	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	36140	No
98	GOM_NL__2PRFIN20090127_195140_000000422076_00014_36140_8096.N1	27-JAN-2009 19:51:40	Dark	41.500	77	Eps Cen	2.3030	28000.	83	36140	No
99	GOM_NL__2PRFIN20090127_195432_000000402076_00014_36140_8097.N1	27-JAN-2009 19:54:32	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	36140	No
100	GOM_NL__2PRFIN20090127_195619_000000462076_00014_36140_8098.N1	27-JAN-2009 19:56:19	Dark	45.500	99	Del Cen	2.5750	26000.	91	36140	No
101	GOM_NL__2PRFIN20090127_195821_000000392076_00014_36140_8099.N1	27-JAN-2009 19:58:21	Dark	38.500	29	Bet Car	1.6720	10200.	77	36140	No

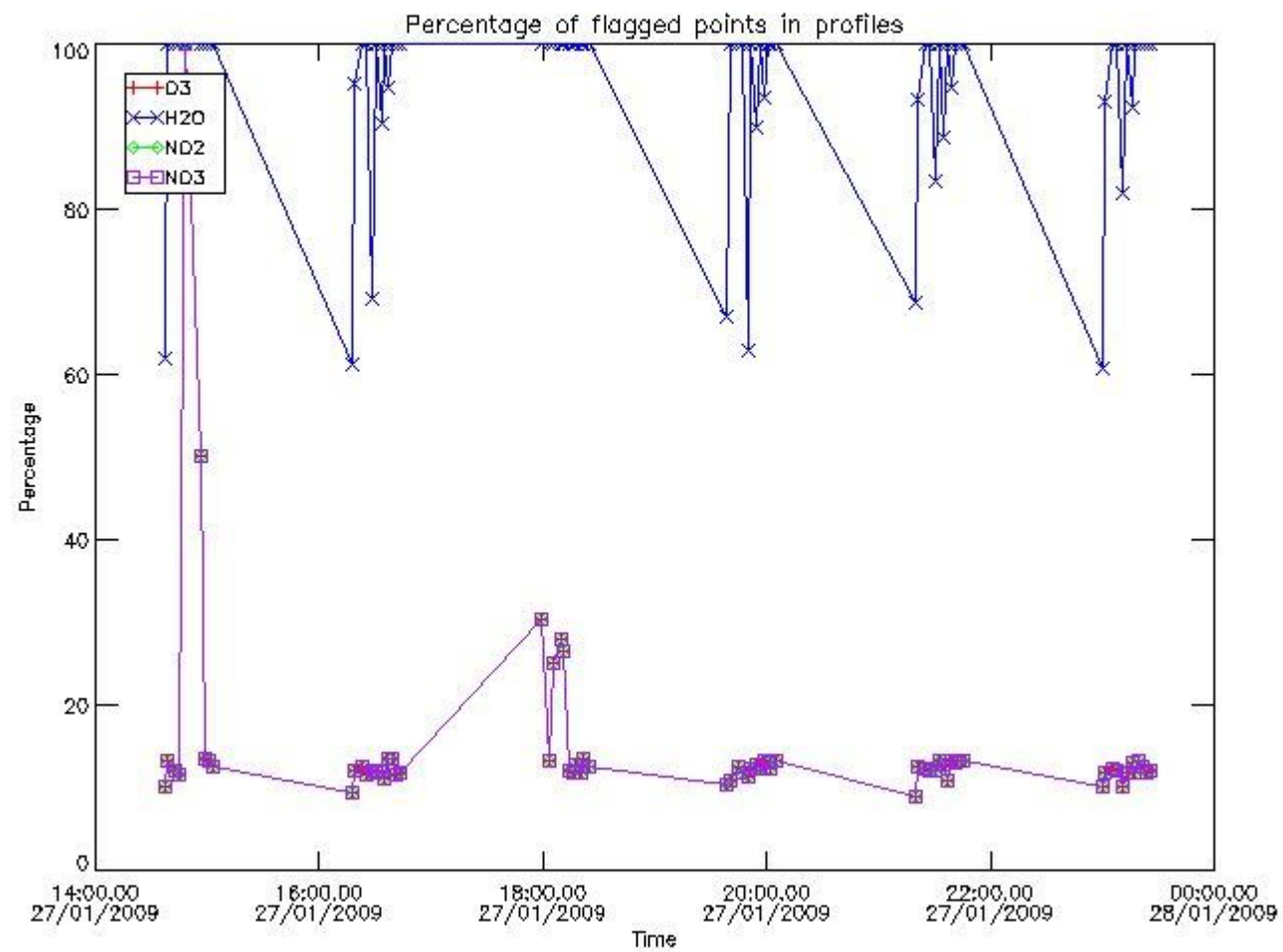
102	GOM_NL__2PRFIN20090127_200037_000000392076_00014_36140_8100.N1	27-JAN-2009 20:00:37	Dark	39.000	71	lot Car	2.2460	7700.0	78	36140	No
103	GOM_NL__2PRFIN20090127_200224_000000422076_00014_36140_8101.N1	27-JAN-2009 20:02:24	Dark	41.500	46	Del Vel	1.9540	10600.	83	36140	No
104	GOM_NL__2PRFIN20090127_200458_000000392076_00014_36140_8102.N1	27-JAN-2009 20:04:58	Dark	38.500	34	Gam2Vel	1.7930	23000.	77	36140	No
105	GOM_NL__2PRFIN20090127_200704_000000382076_00014_36140_8103.N1	27-JAN-2009 20:07:04	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	36140	No
106	GOM_NL__2PRFIN20090127_200830_000000422076_00014_36140_8104.N1	27-JAN-2009 20:08:30	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	36140	No
107	GOM_NL__2PRFIN20090127_201035_000000402076_00014_36140_8105.N1	27-JAN-2009 20:10:35	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	36140	No
108	GOM_NL__2PRFIN20090127_201220_000000352076_00014_36140_8106.N1	27-JAN-2009 20:12:20	Straylight	34.500	179	24Omi2CMa	3.0320	24000.	69	36140	No
109	GOM_NL__2PRFIN20090127_202026_000000502076_00014_36140_8107.N1	27-JAN-2009 20:20:26	Tw_i_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	36140	No
110	GOM_NL__2PRFIN20090127_202345_000000382076_00014_36140_8108.N1	27-JAN-2009 20:23:45	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	36140	No
111	GOM_NL__2PRFIN20090127_202533_000000382076_00014_36140_8109.N1	27-JAN-2009 20:25:33	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	36140	No
112	GOM_NL__2PRFIN20090127_202717_000000402076_00014_36140_8110.N1	27-JAN-2009 20:27:17	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	36140	No
113	GOM_NL__2PRFIN20090127_202949_000000362076_00014_36140_8111.N1	27-JAN-2009 20:29:49	Bright	36.000	107	37The Aur	2.6490	11000.	72	36140	No
114	GOM_NL__2PRFIN20090127_203156_000000372076_00014_36140_8112.N1	27-JAN-2009 20:31:56	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	36140	No
115	GOM_NL__2PRFIN20090127_204420_000000362076_00014_36140_8113.N1	27-JAN-2009 20:44:20	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36140	No
116	GOM_NL__2PRFIN20090127_204740_000000362076_00014_36140_8114.N1	27-JAN-2009 20:47:40	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	36140	No
117	GOM_NL__2PRFIN20090127_205218_000000402076_00014_36140_8115.N1	27-JAN-2009 20:52:18	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	36140	No
118	GOM_NL__2PRFIN20090127_205519_000000542076_00014_36140_8116.N1	27-JAN-2009 20:55:19	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	36140	No
119	GOM_NL__2PRFIN20090127_205849_000000402076_00014_36140_8117.N1	27-JAN-2009 20:58:49	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	36140	No
120	GOM_NL__2PRFIN20090127_210152_000000102076_00014_36140_8118.N1	27-JAN-2009 21:01:52	Straylight	10.000	133	40Zet Her	2.8070	6000.0	20	36140	No
121	GOM_NL__2PRFIN20090127_210654_000000102076_00014_36140_8119.N1	27-JAN-2009 21:06:54	Straylight	10.000	59	55Alp Oph	2.0800	8900.0	20	36140	No
122	GOM_NL__2PRFIN20090127_210902_000000532076_00014_36140_8120.N1	27-JAN-2009 21:09:02	Bright	52.500	126	60Bet Oph	2.7700	4250.0	105	36140	No
123	GOM_NL__2PRFIN20090127_211521_000000412076_00014_36140_8121.N1	27-JAN-2009 21:15:21	Tw_i_and_stray	40.500	86	35Eta Oph	2.4300	10200.	81	36140	No
124	GOM_NL__2PRFIN20090127_211929_000000572076_00014_36140_8122.N1	27-JAN-2009 21:19:29	Dark	56.500	16	21Alp Sco	1.0200	3000.0	113	36140	No
125	GOM_NL__2PRFIN20090127_212048_000000452076_00014_36140_8123.N1	27-JAN-2009 21:20:48	Dark	44.500	75	26Eps Sco	2.2910	4250.0	89	36140	No
126	GOM_NL__2PRFIN20090127_212510_000000422076_00014_36140_8124.N1	27-JAN-2009 21:25:10	Dark	41.500	131	Gam Lup	2.8000	26000.	83	36140	No
127	GOM_NL__2PRFIN20090127_212717_000000422076_00014_36140_8125.N1	27-JAN-2009 21:27:17	Dark	42.000	109	Bet Lup	2.6770	26000.	84	36140	No
128	GOM_NL__2PRFIN20090127_213034_000000432076_00015_36141_8103.N1	27-JAN-2009 21:30:34	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	36141	No
129	GOM_NL__2PRFIN20090127_213216_000000432076_00015_36141_8104.N1	27-JAN-2009 21:32:16	Dark	42.500	77	Eps Cen	2.3030	28000.	85	36141	No
130	GOM_NL__2PRFIN20090127_213509_000000402076_00015_36141_8105.N1	27-JAN-2009 21:35:09	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	36141	No
131	GOM_NL__2PRFIN20090127_213656_000000482076_00015_36141_8106.N1	27-JAN-2009 21:36:56	Dark	47.500	99	Del Cen	2.5750	26000.	95	36141	No
132	GOM_NL__2PRFIN20090127_213857_000000392076_00015_36141_8107.N1	27-JAN-2009 21:38:57	Dark	38.500	29	Bet Car	1.6720	10200.	77	36141	No
133	GOM_NL__2PRFIN20090127_214113_000000392076_00015_36141_8108.N1	27-JAN-2009 21:41:13	Dark	39.000	71	lot Car	2.2460	7700.0	78	36141	No
134	GOM_NL__2PRFIN20090127_214300_000000392076_00015_36141_8109.N1	27-JAN-2009 21:43:00	Dark	38.500	46	Del Vel	1.9540	10600.	77	36141	No
135	GOM_NL__2PRFIN20090127_214534_000000392076_00015_36141_8110.N1	27-JAN-2009 21:45:34	Dark	38.500	34	Gam2Vel	1.7930	23000.	77	36141	No
136	GOM_NL__2PRFIN20090127_214740_000000392076_00015_36141_8111.N1	27-JAN-2009 21:47:40	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	36141	No
137	GOM_NL__2PRFIN20090127_214906_000000452076_00015_36141_8112.N1	27-JAN-2009 21:49:06	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	36141	No
138	GOM_NL__2PRFIN20090127_215111_000000402076_00015_36141_8113.N1	27-JAN-2009 21:51:11	Straylight	39.500	88	31Eta CMa	2.4480	20000.	79	36141	No
139	GOM_NL__2PRFIN20090127_215256_000000392076_00015_36141_8114.N1	27-JAN-2009 21:52:56	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	36141	No
140	GOM_NL__2PRFIN20090127_220102_000000472076_00015_36141_8115.N1	27-JAN-2009 22:01:02	Tw_i_and_stray	46.500	8	10Alp CMi	0.40000	6500.0	93	36141	No
141	GOM_NL__2PRFIN20090127_220421_000000382076_00015_36141_8116.N1	27-JAN-2009 22:04:21	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	36141	No
142	GOM_NL__2PRFIN20090127_220609_000000382076_00015_36141_8117.N1	27-JAN-2009 22:06:09	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	36141	No
143	GOM_NL__2PRFIN20090127_220752_000000422076_00015_36141_8118.N1	27-JAN-2009 22:07:52	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	36141	No
144	GOM_NL__2PRFIN20090127_221025_000000352076_00015_36141_8119.N1	27-JAN-2009 22:10:25	Bright	35.000	107	37The Aur	2.6490	11000.	70	36141	No
145	GOM_NL__2PRFIN20090127_221232_000000372076_00015_36141_8120.N1	27-JAN-2009 22:12:32	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	36141	No
146	GOM_NL__2PRFIN20090127_222456_000000362076_00015_36141_8121.N1	27-JAN-2009 22:24:56	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	36141	No
147	GOM_NL__2PRFIN20090127_222815_000000412076_00015_36141_8122.N1	27-JAN-2009 22:28:15	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	36141	No
148	GOM_NL__2PRFIN20090127_223254_000000402076_00015_36141_8123.N1	27-JAN-2009 22:32:54	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	36141	No
149	GOM_NL__2PRFIN20090127_223555_000000392076_00015_36141_8124.N1	27-JAN-2009 22:35:55	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	36141	No
150	GOM_NL__2PRFIN20090127_223925_000000522076_00015_36141_8125.N1	27-JAN-2009 22:39:25	Bright	52.000	5	3Alp Lyr	0.033000	11000.	104	36141	No
151	GOM_NL__2PRFIN20090127_224228_000000602076_00015_36141_8126.N1	27-JAN-2009 22:42:28	Bright	60.000	133	40Zet Her	2.8070	6000.0	120	36141	No
152	GOM_NL__2PRFIN20090127_224730_000000542076_00015_36141_8127.N1	27-JAN-2009 22:47:30	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	36141	No
153	GOM_NL__2PRFIN20090127_224938_000000362076_00015_36141_8128.N1	27-JAN-2009 22:49:38	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	36141	No
154	GOM_NL__2PRFIN20090127_225557_000000412076_00015_36141_8129.N1	27-JAN-2009 22:55:57	Tw_i_and_stray	40.500	86	35Eta Oph	2.4300	10200.	81	36141	No
155	GOM_NL__2PRFIN20090127_230005_000000502076_00015_36141_8130.N1	27-JAN-2009 23:00:05	Dark	50.000	16	21Alp Sco	1.0200	3000.0	100	36141	No
156	GOM_NL__2PRFIN20090127_230124_000000432076_00015_36141_8131.N1	27-JAN-2009 23:01:24	Dark	43.000	75	26Eps Sco	2.2910	4250.0	86	36141	No
157	GOM_NL__2PRFIN20090127_230546_000000422076_00015_36141_8132.N1	27-JAN-2009 23:05:46	Dark	41.500	131	Gam Lup	2.8000	26000.	83	36141	No
158	GOM_NL__2PRFIN20090127_230753_000000422076_00015_36141_8133.N1	27-JAN-2009 23:07:53	Dark	42.000	109	Bet Lup	2.6770	26000.	84	36141	No
159	GOM_NL__2PRFIN20090127_231110_000000502076_00016_36142_8112.N1	27-JAN-2009 23:11:10	Dark	50.000	4	Alp1Cen	-0.010000	5800.0	100	36142	No
160	GOM_NL__2PRFIN20090127_231253_000000432076_00016_36142_8113.N1	27-JAN-2009 23:12:53	Dark	43.000	77	Eps Cen	2.3030	28000.	86	36142	No

161	GOM_NL__2PRFIN20090127_231545_000000392076_00016_36142_8114.N1	27-JAN-2009 23:15:45	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	36142	No
162	GOM_NL__2PRFIN20090127_231732_000000442076_00016_36142_8115.N1	27-JAN-2009 23:17:32	Dark	43.500	99	Del Cen	2.5750	26000.	87	36142	No
163	GOM_NL__2PRFIN20090127_231933_000000392076_00016_36142_8116.N1	27-JAN-2009 23:19:33	Dark	38.500	29	Bet Car	1.6720	10200.	77	36142	No
164	GOM_NL__2PRFIN20090127_232149_000000412076_00016_36142_8117.N1	27-JAN-2009 23:21:49	Dark	40.500	71	lot Car	2.2460	7700.0	81	36142	No
165	GOM_NL__2PRFIN20090127_232336_000000432076_00016_36142_8118.N1	27-JAN-2009 23:23:36	Dark	43.000	46	Del Vel	1.9540	10600.	86	36142	No
166	GOM_NL__2PRFIN20090127_232610_000000432076_00016_36142_8119.N1	27-JAN-2009 23:26:10	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	36142	No
167	GOM_NL__2PRFIN20090127_232816_000000392076_00016_36142_8120.N1	27-JAN-2009 23:28:16	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	36142	No
168	GOM_NL__2PRFIN20090127_232942_000000402076_00016_36142_8121.N1	27-JAN-2009 23:29:42	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	36142	No
169	GOM_NL__2PRFIN20090127_233146_000000402076_00016_36142_8122.N1	27-JAN-2009 23:31:46	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	36142	No
170	GOM_NL__2PRFIN20090127_233332_000000382076_00016_36142_8123.N1	27-JAN-2009 23:33:32	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	36142	No
171	GOM_NL__2PRFIN20090127_234138_000000462076_00016_36142_8124.N1	27-JAN-2009 23:41:38	TwI_and_stray	46.000	8	10Alp CMi	0.40000	6500.0	92	36142	No
172	GOM_NL__2PRFIN20090127_234457_000000152076_00016_36142_8125.N1	27-JAN-2009 23:44:57	TwI_and_stray	15.000	44	24Gam Gem	1.9280	11000.	30	36142	No
173	GOM_NL__2PRFIN20090127_234645_000000152076_00016_36142_8126.N1	27-JAN-2009 23:46:45	TwI_and_stray	14.500	151	13Mu Gem	2.8900	3000.0	29	36142	No
174	GOM_NL__2PRFIN20090127_234828_000000412076_00016_36142_8127.N1	27-JAN-2009 23:48:28	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	36142	No
175	GOM_NL__2PRFIN20090127_235101_000000352076_00016_36142_8128.N1	27-JAN-2009 23:51:01	Bright	35.000	107	37The Aur	2.6490	11000.	70	36142	No
176	GOM_NL__2PRFIN20090127_235308_000000362076_00016_36142_8129.N1	27-JAN-2009 23:53:08	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	36142	No

3. Quality information per product

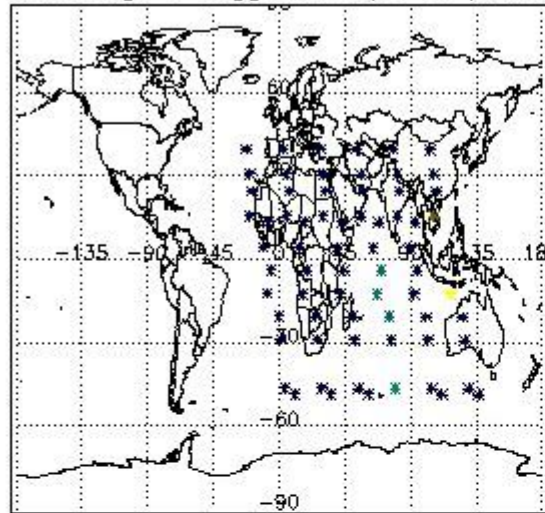
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

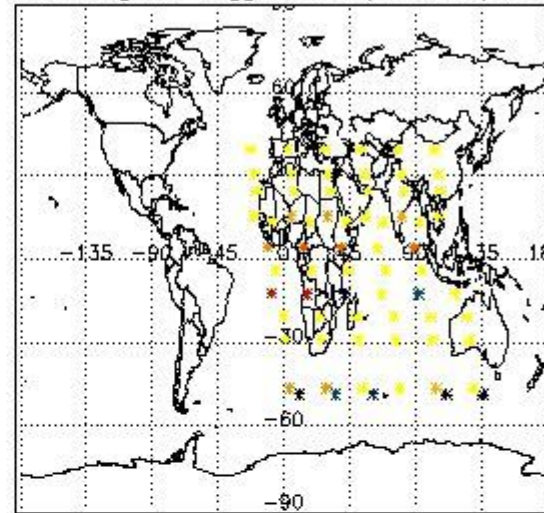


3.2 Plot quality information per product (world map)

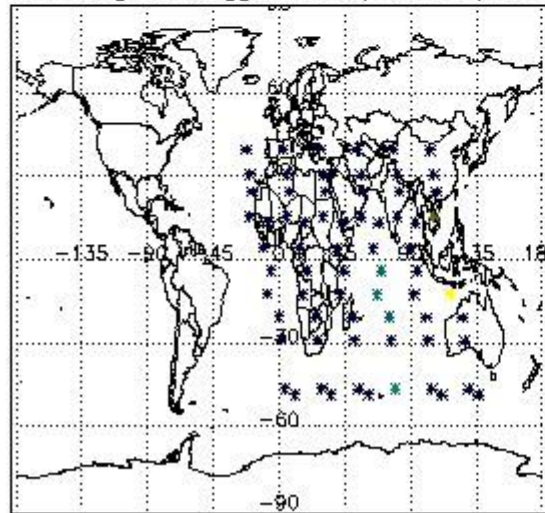
Percentage of flagged data per O3 profile



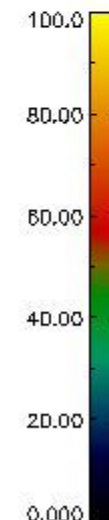
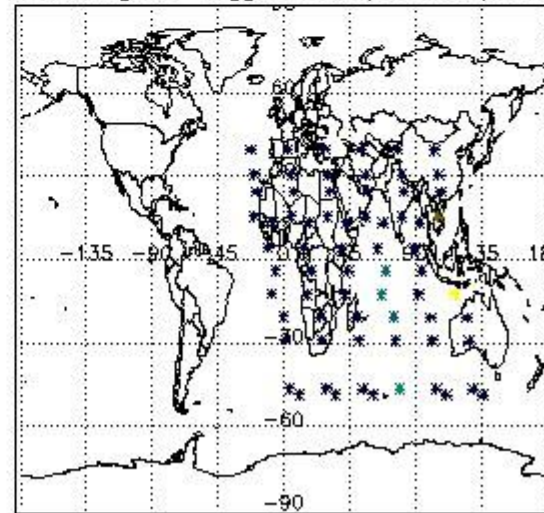
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

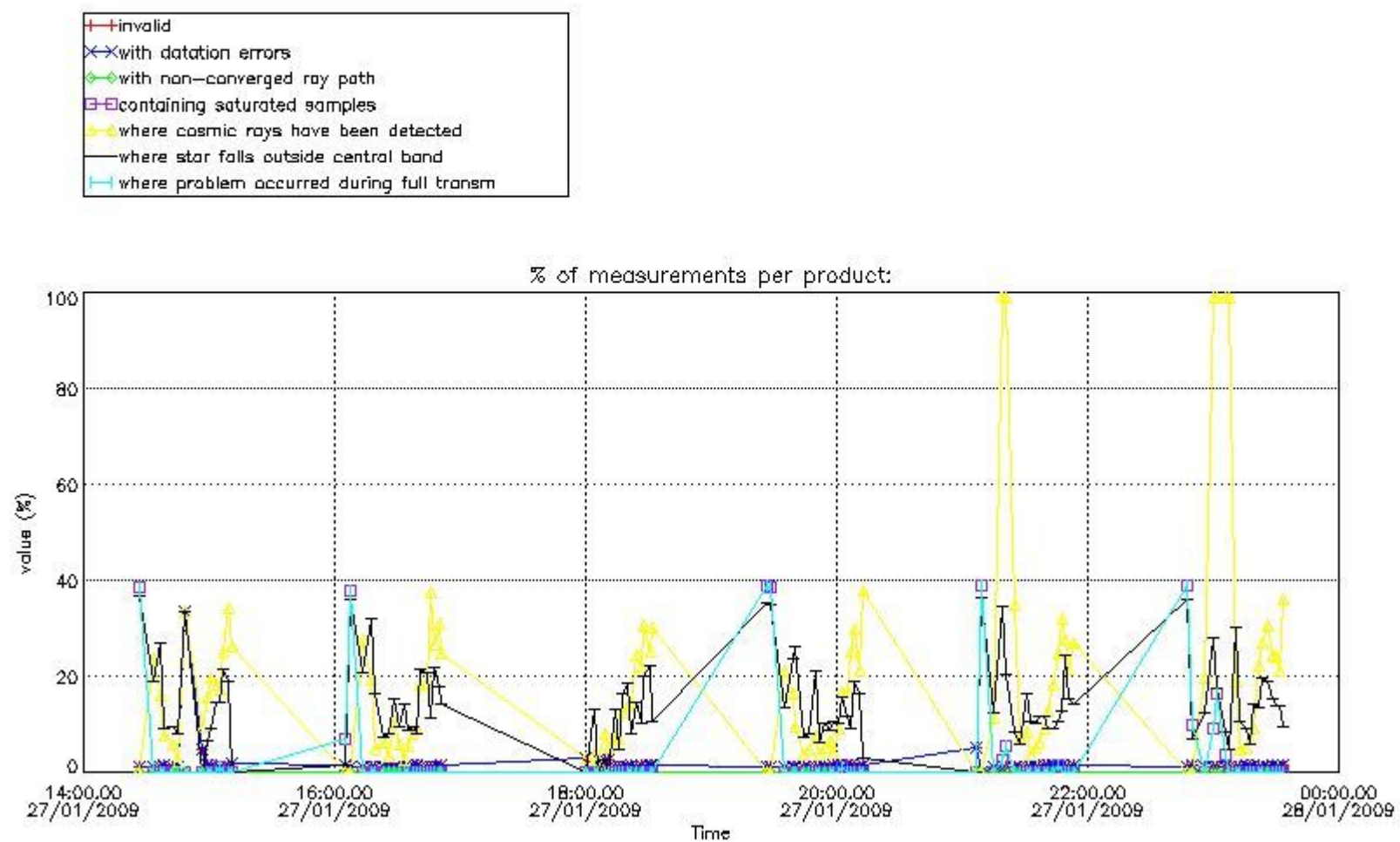


4. Level 1 quality information per product

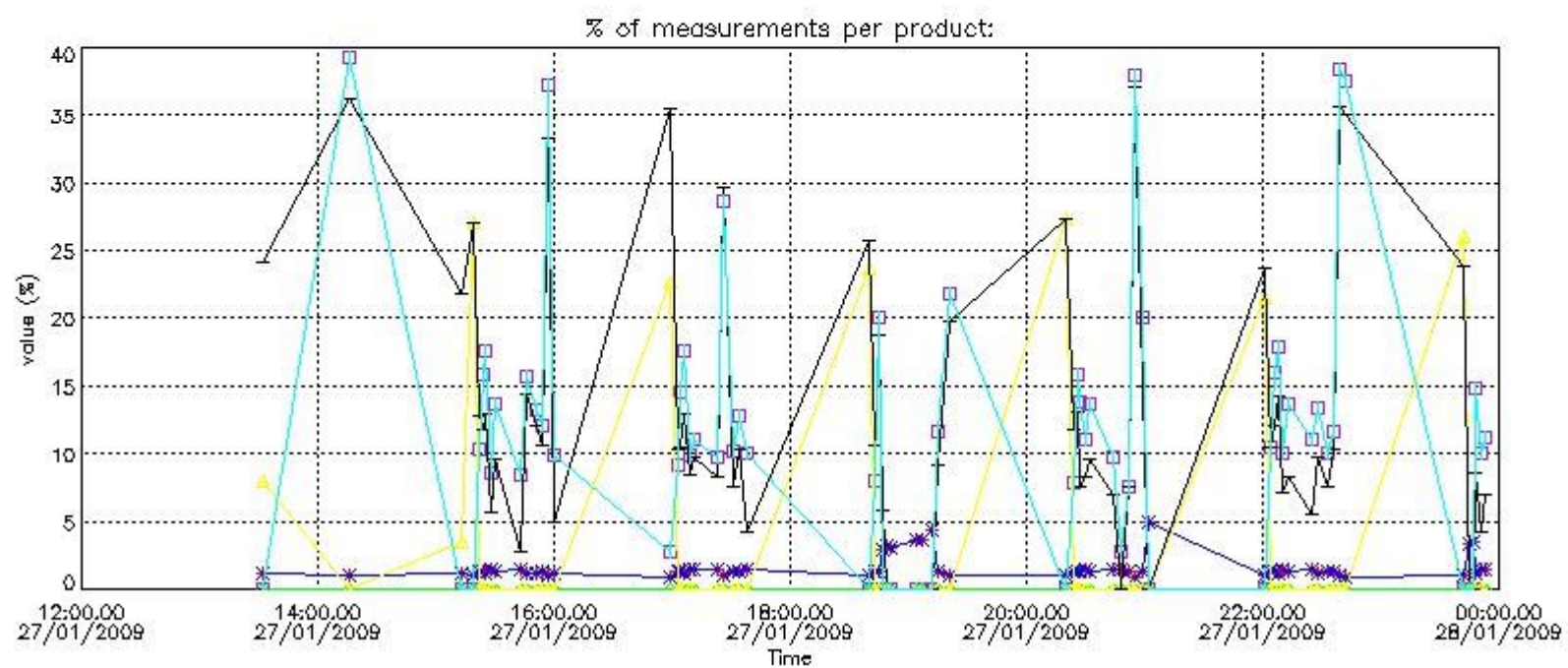
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



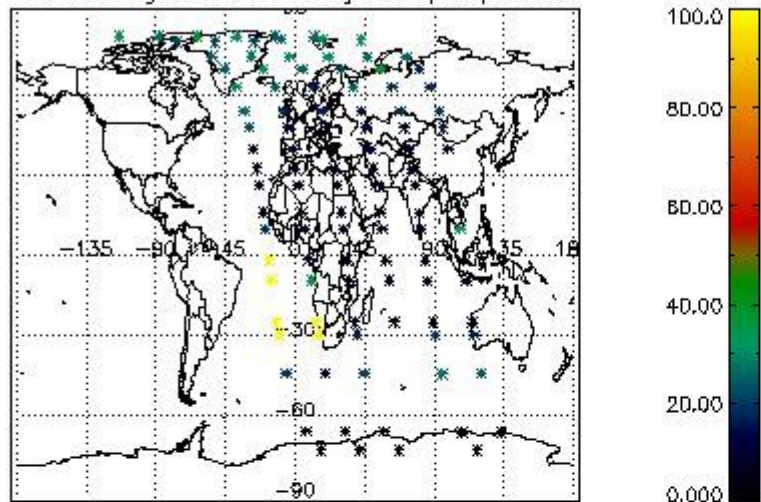
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



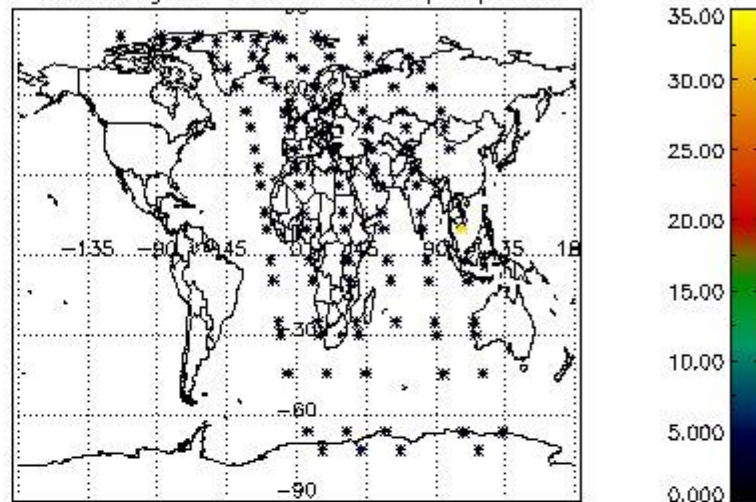
4.2 Plot quality information per product coming from level 1b processing (world map)

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

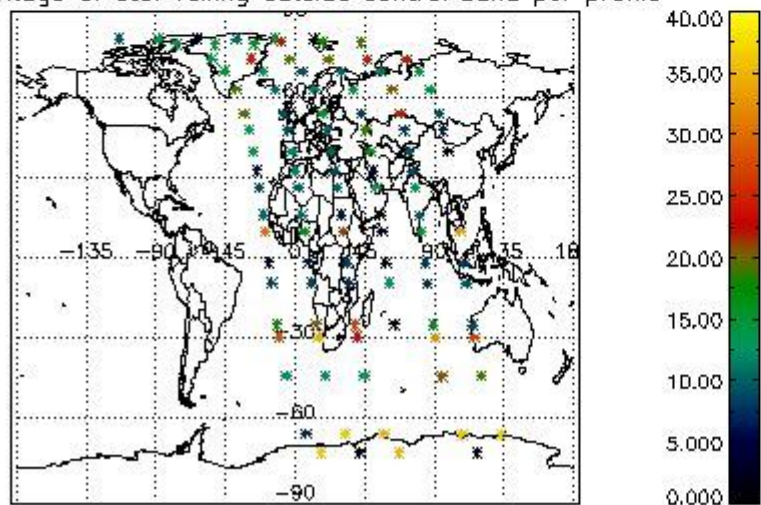
Percentage of cosmic ray hits per profile



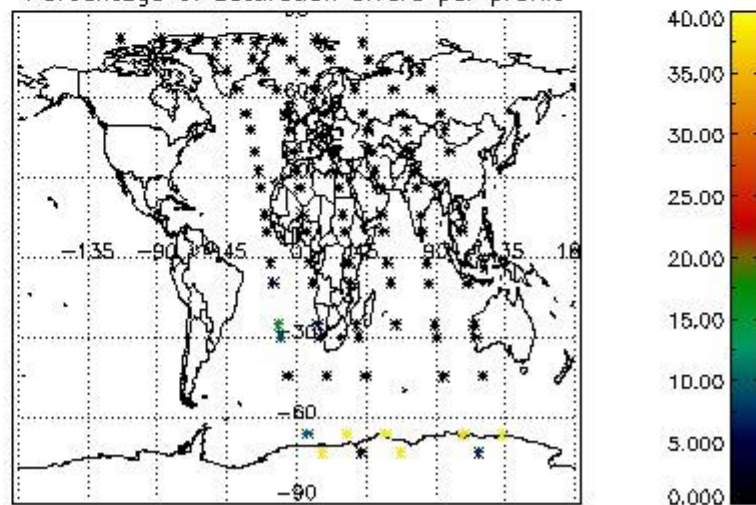
Percentage of datation errors per profile



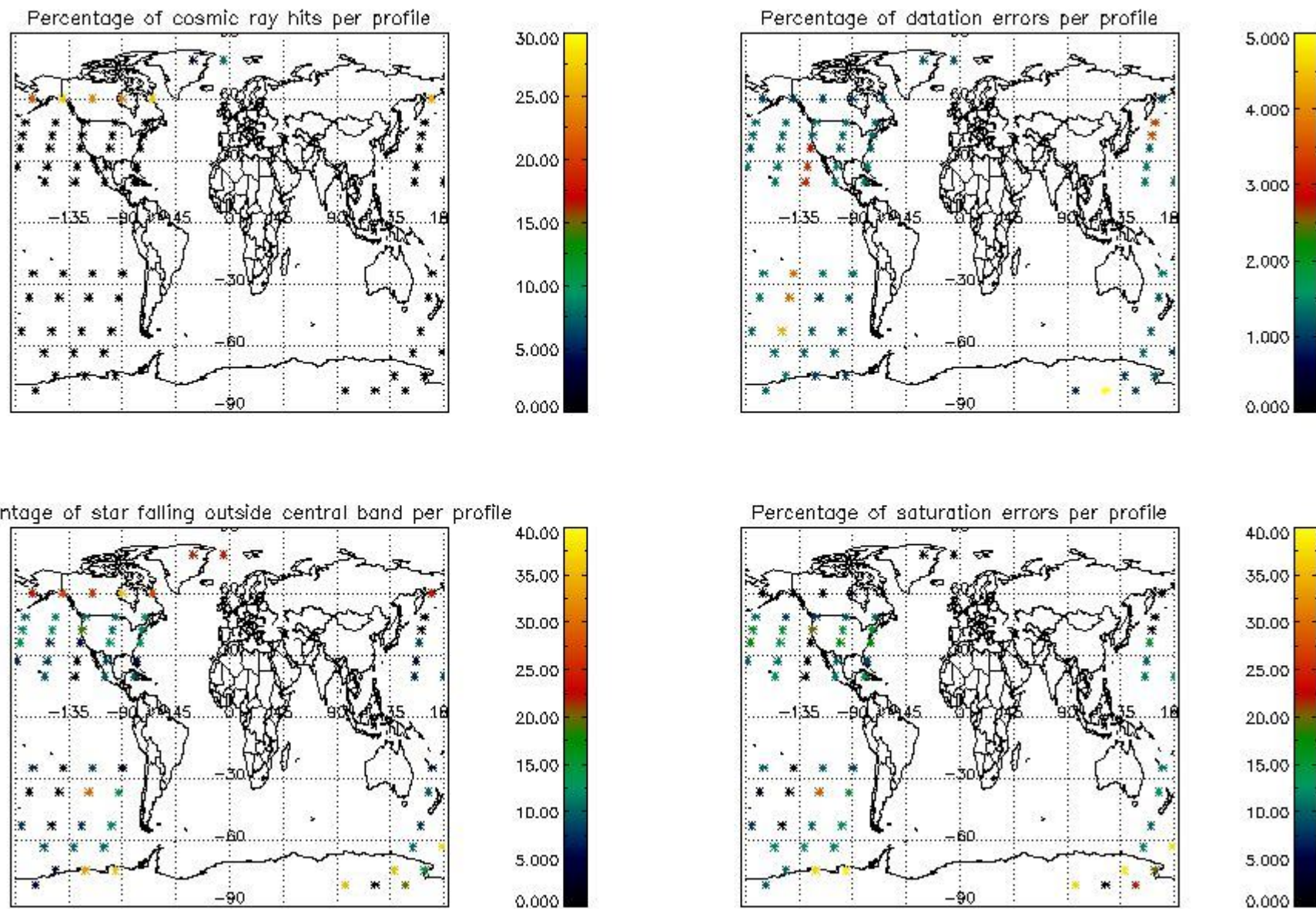
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

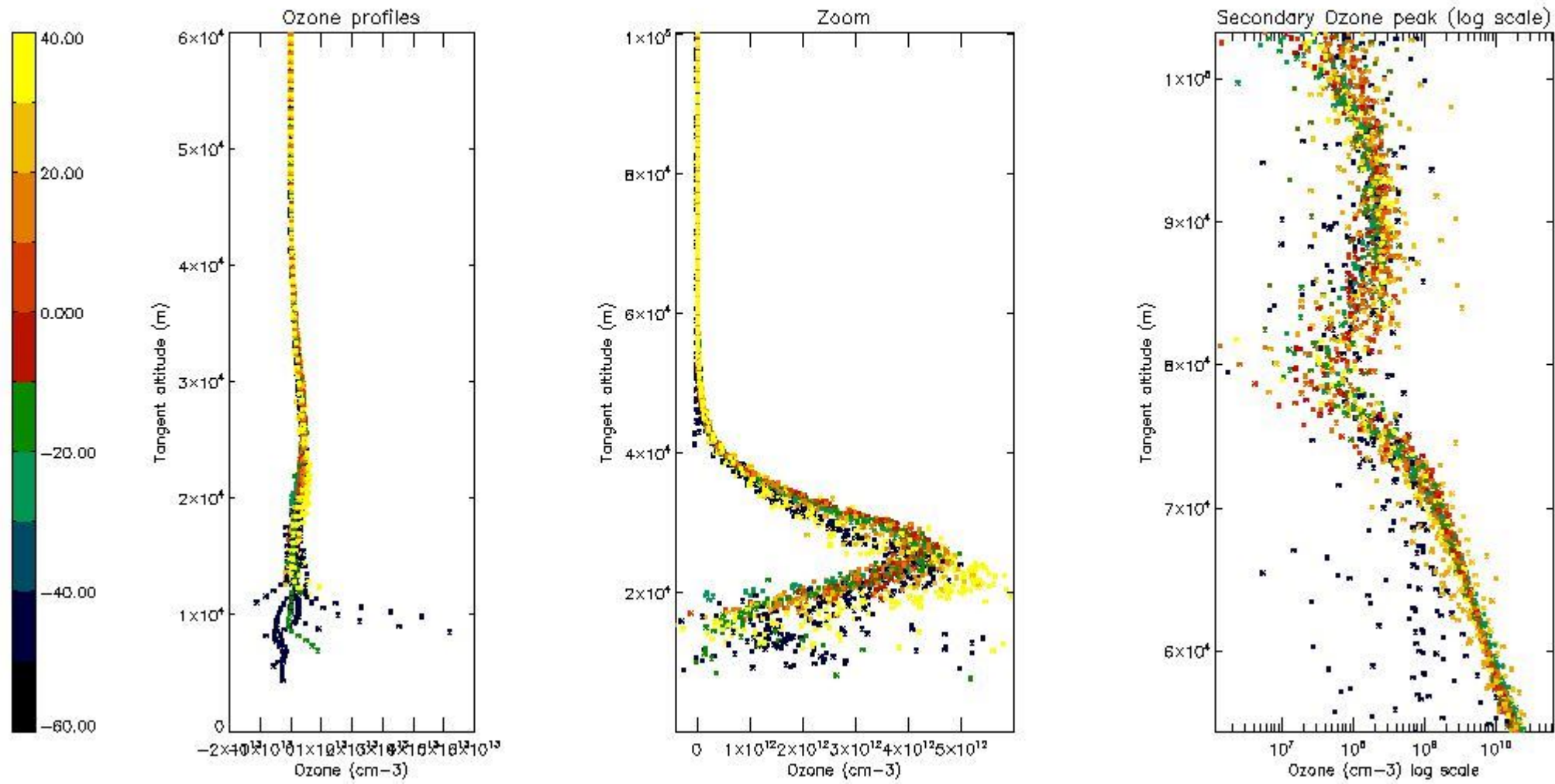
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	41
STD < 20	23

STD < 10	18
STD < 5	12

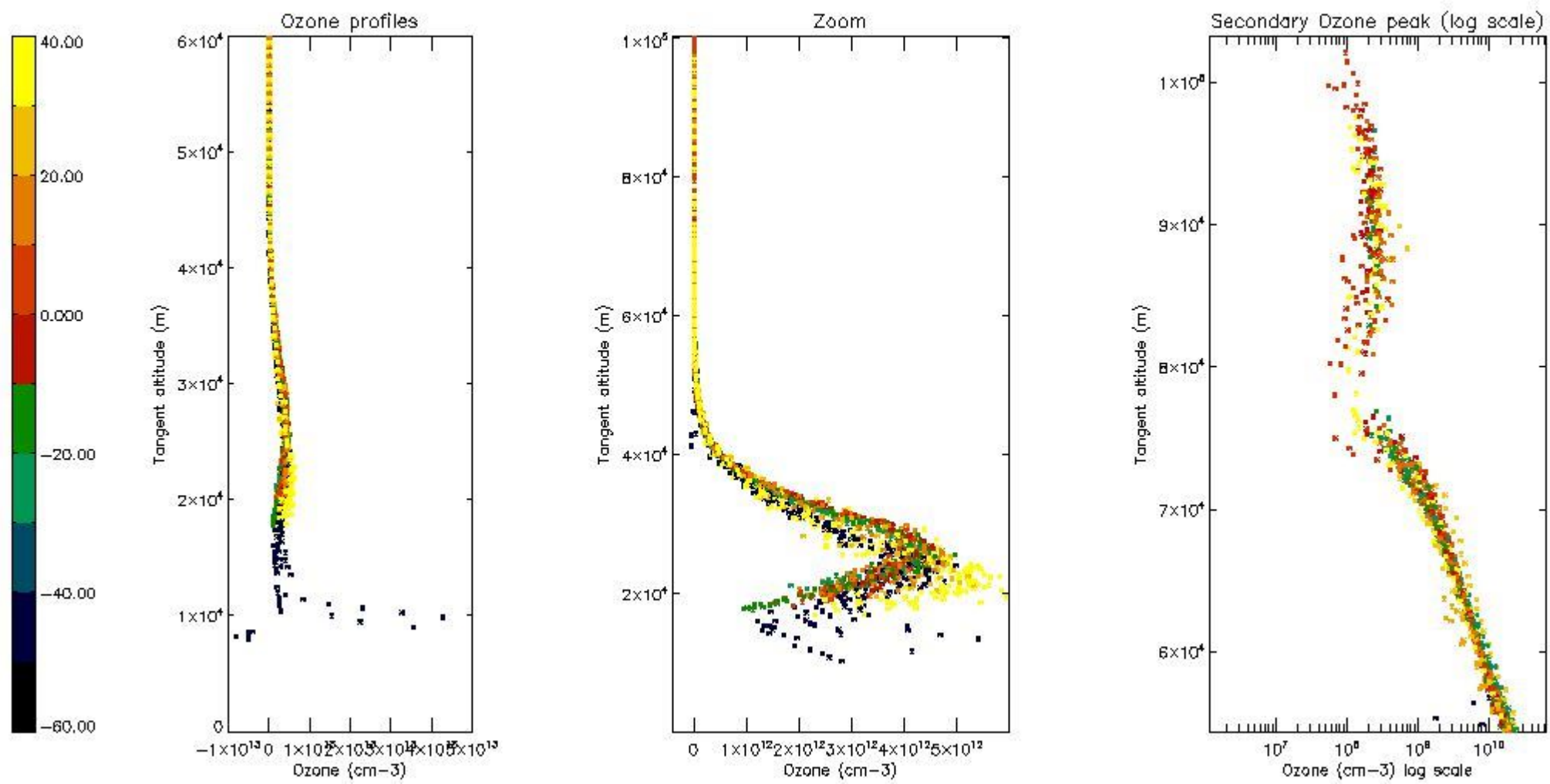
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



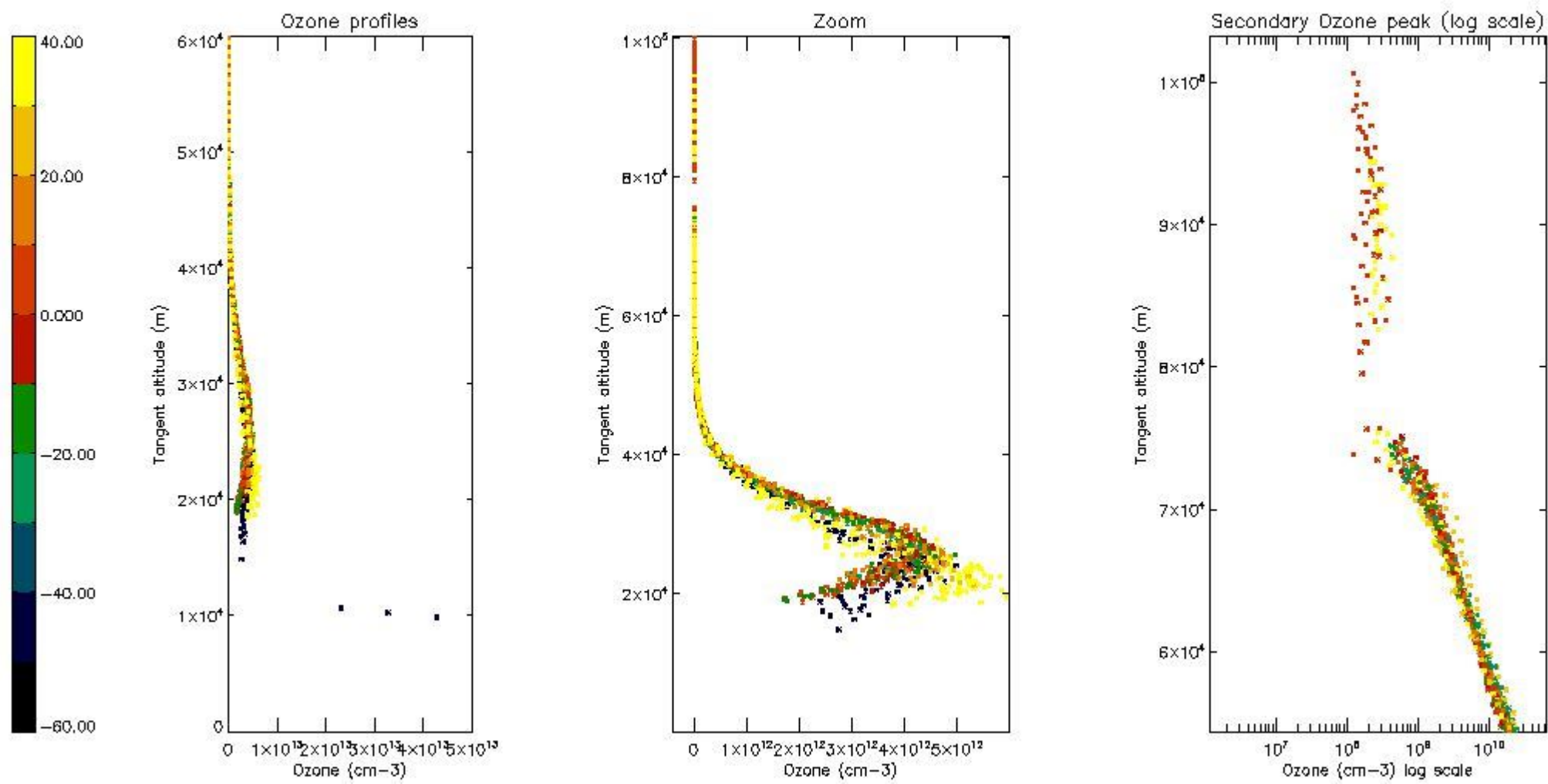
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



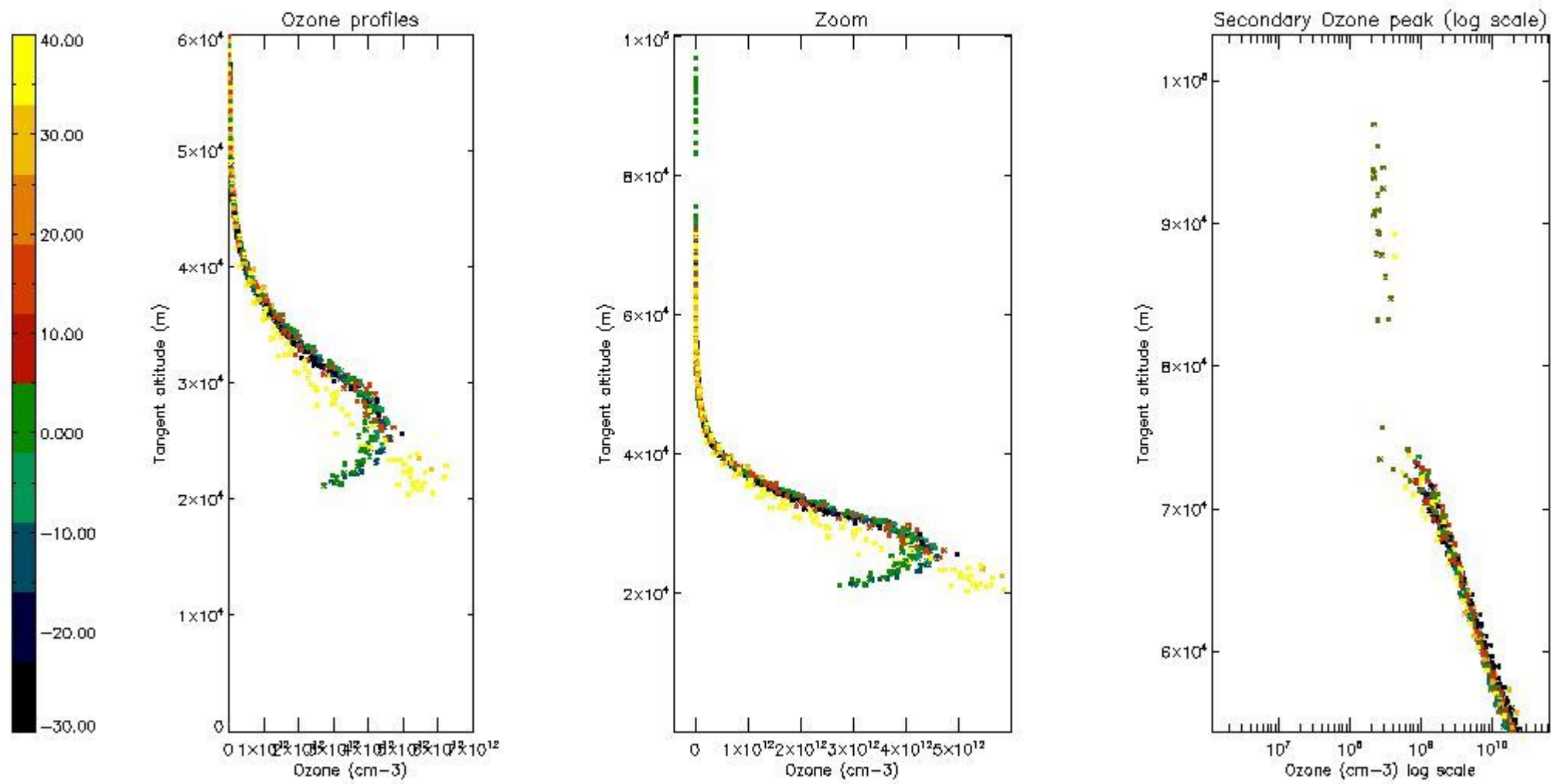
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



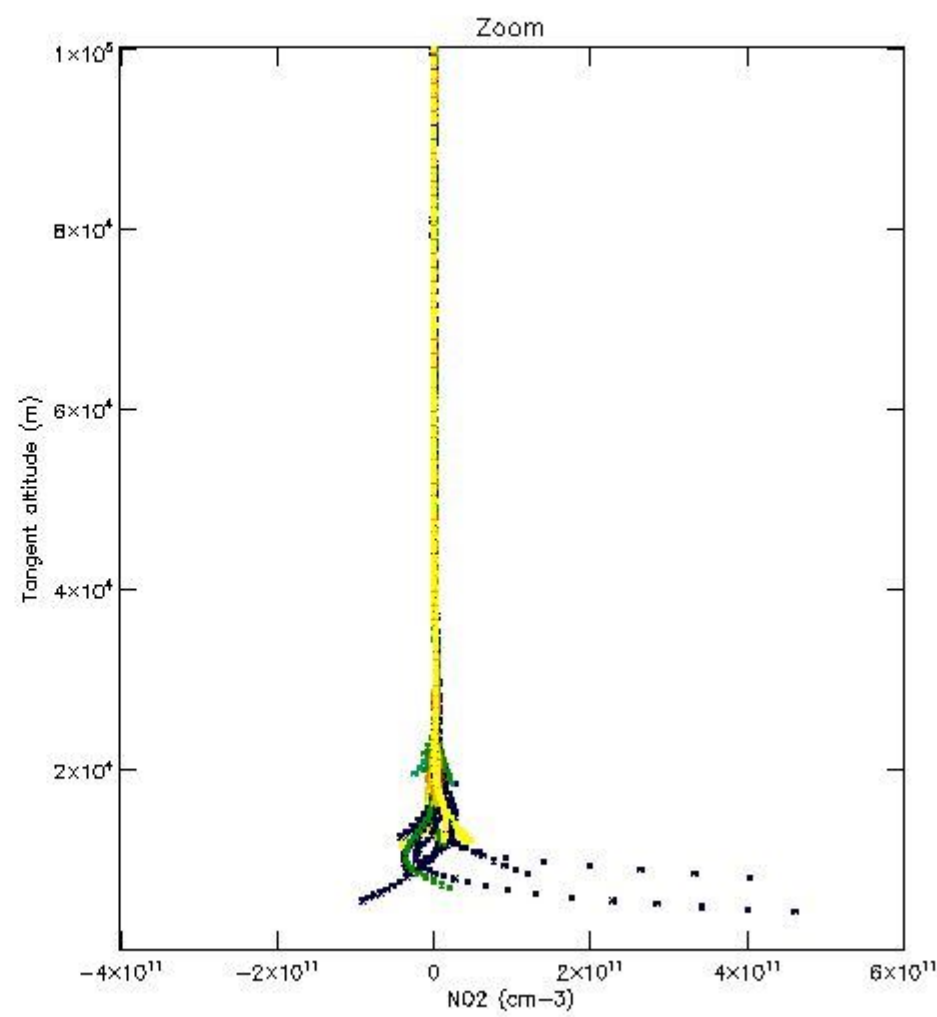
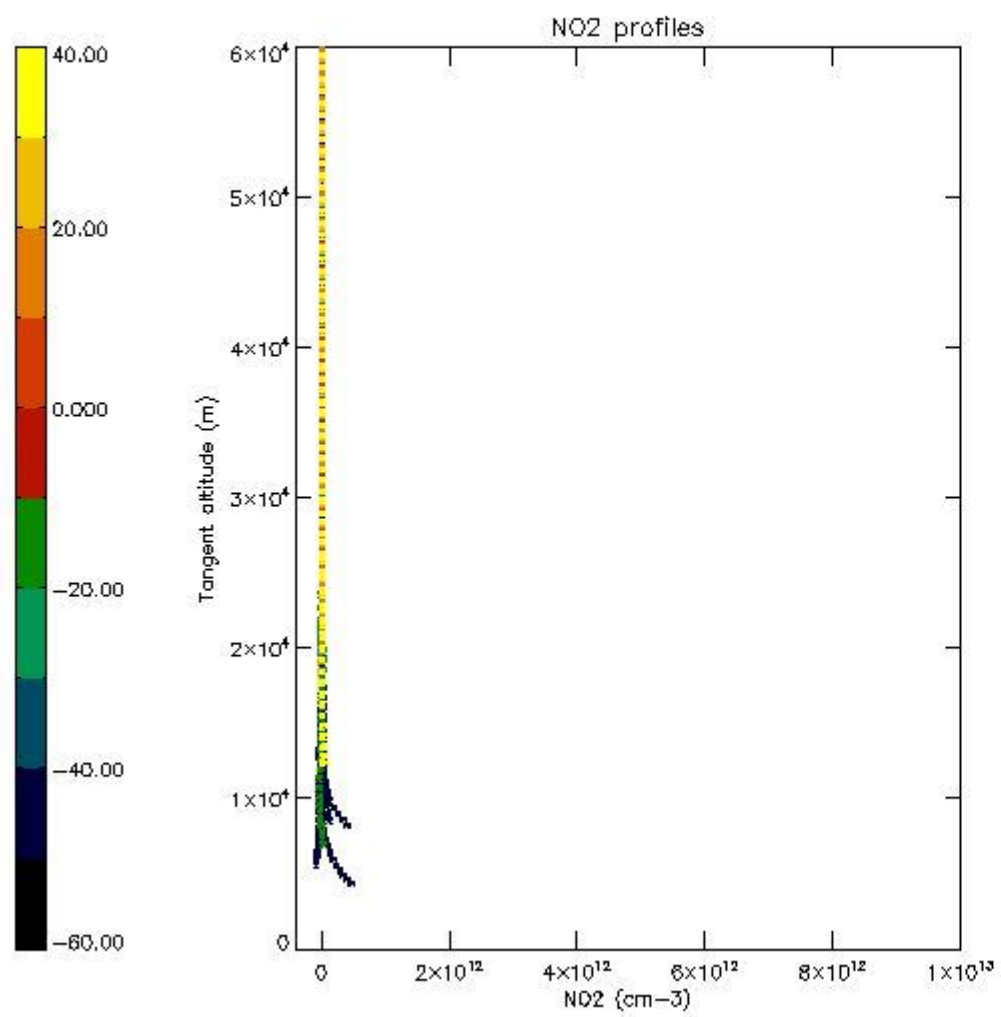
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



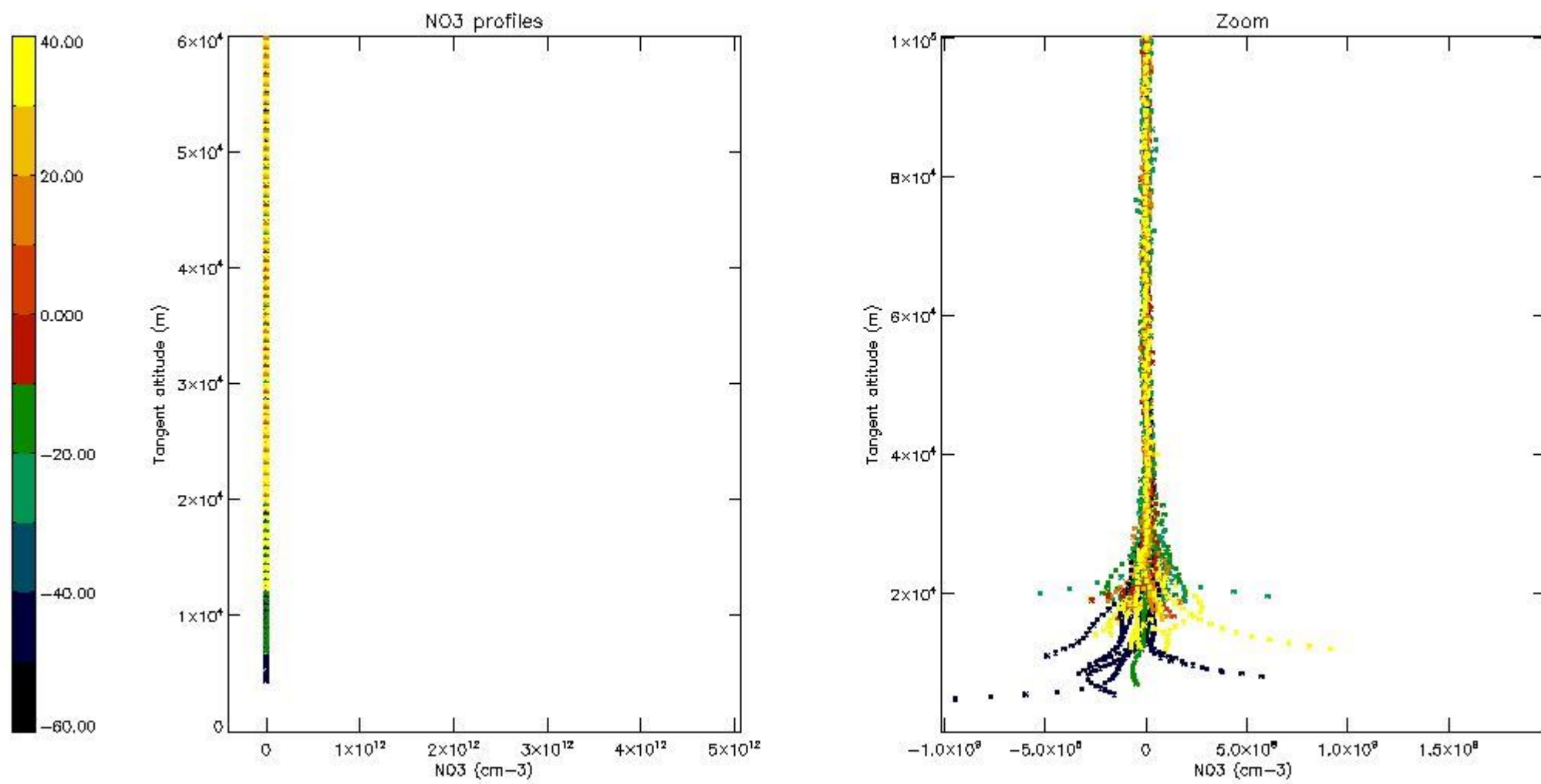
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



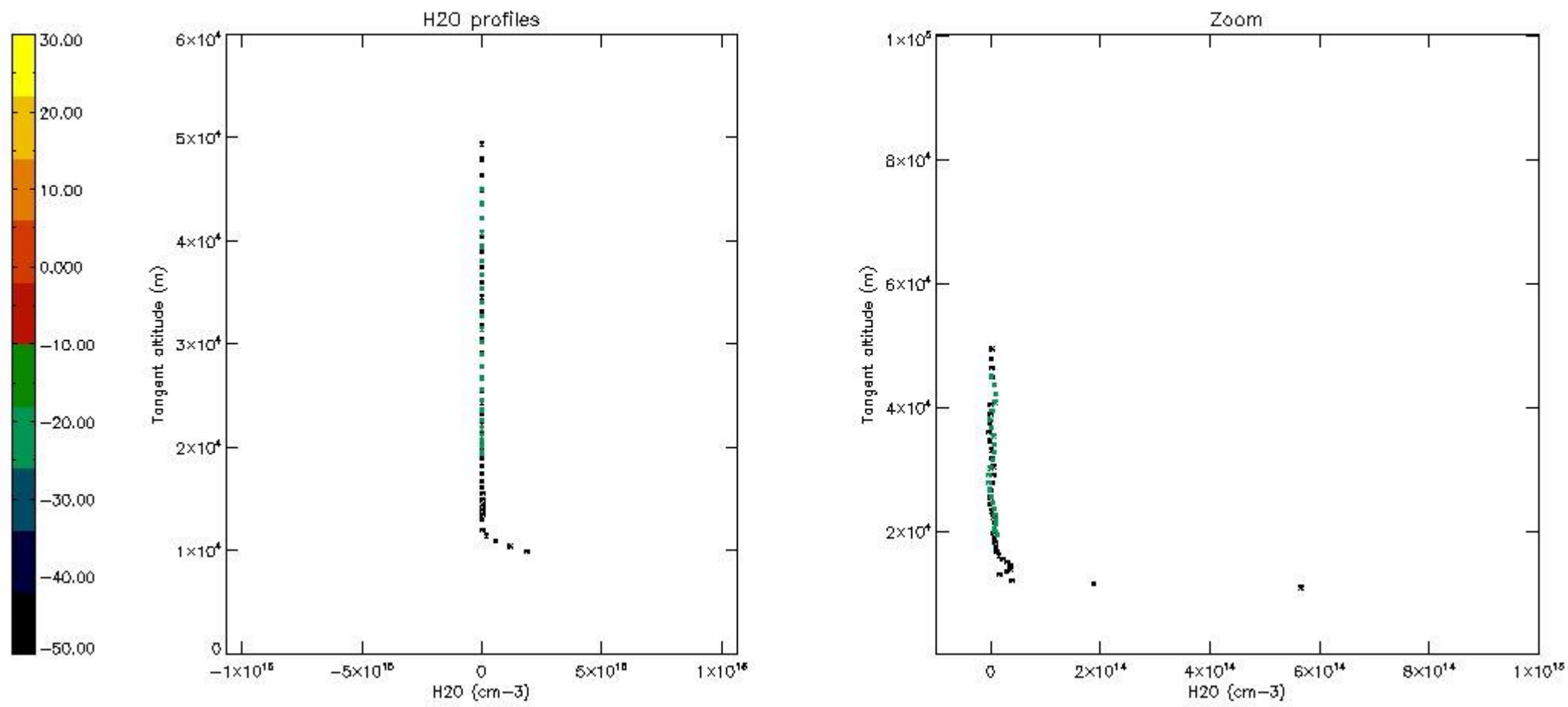
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

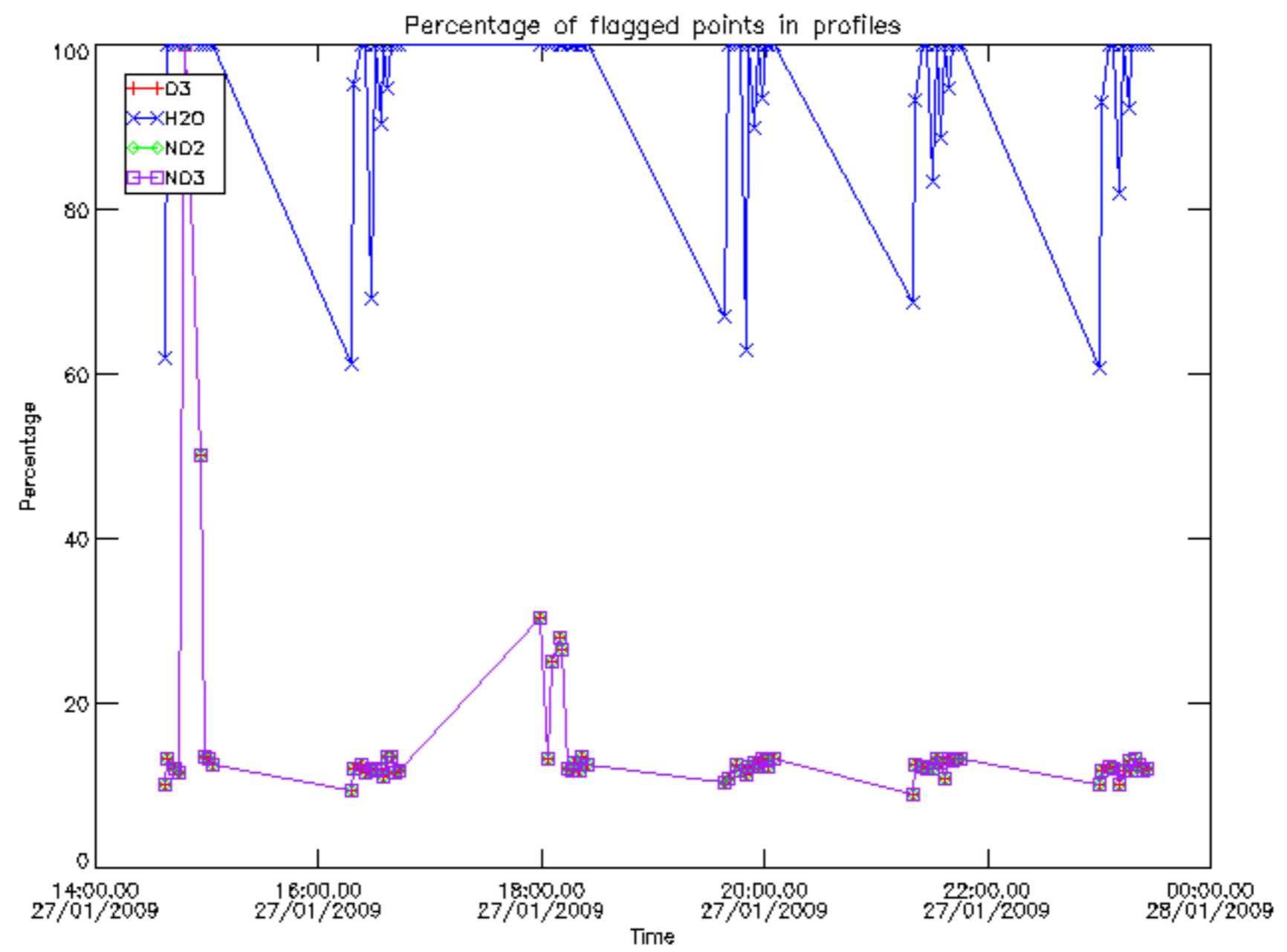
The colorbar represents the latitude.



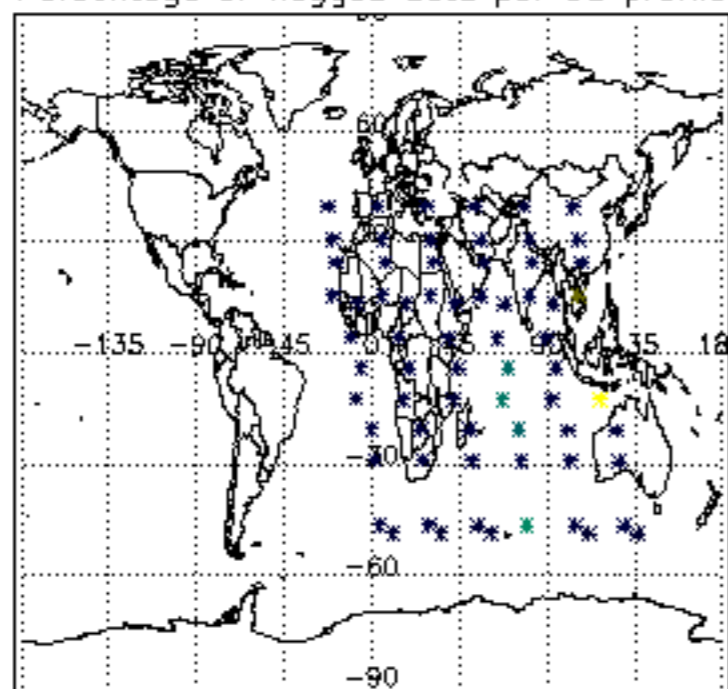
6. Auxiliary Data Files used for the production reported in section 2

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.

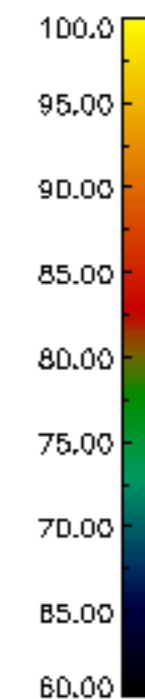
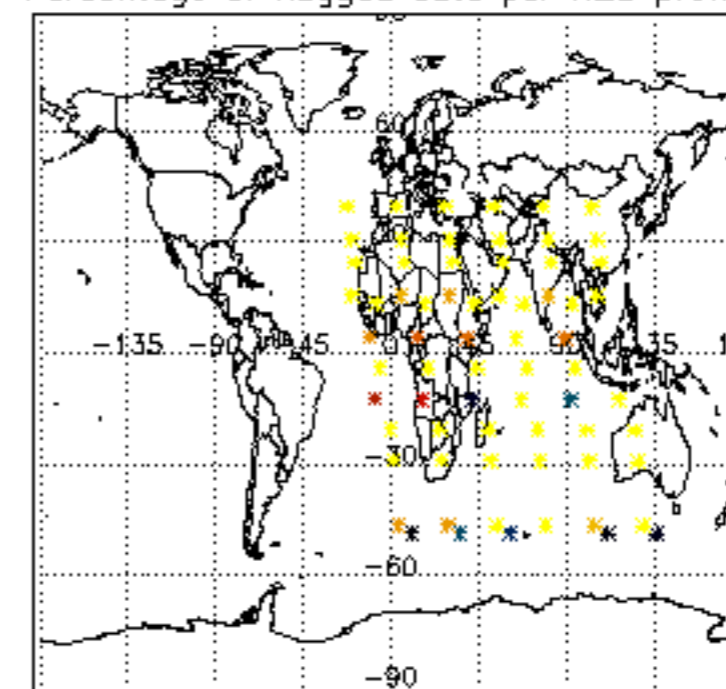
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-JAN-2009 13:32:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-JAN-2009 13:32:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-JAN-2009 13:32:04



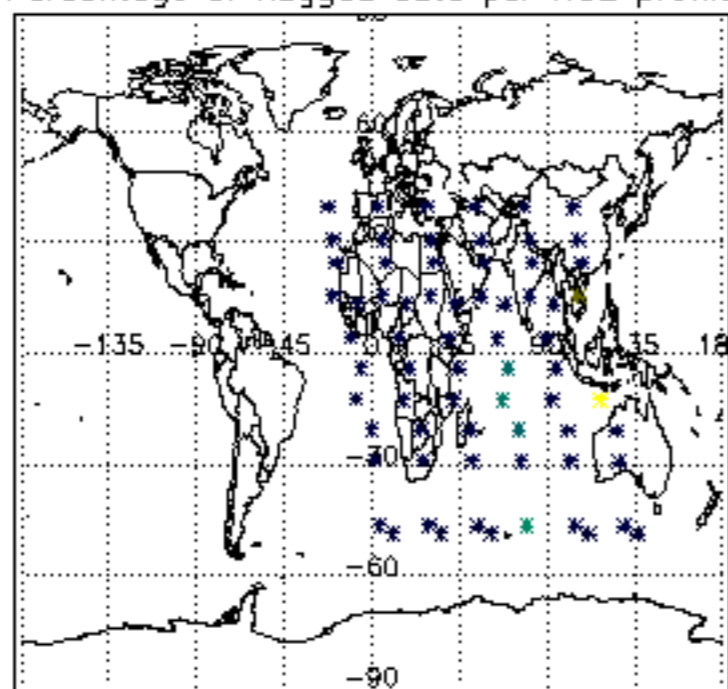
Percentage of flagged data per D3 profile



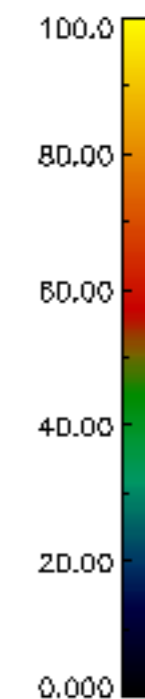
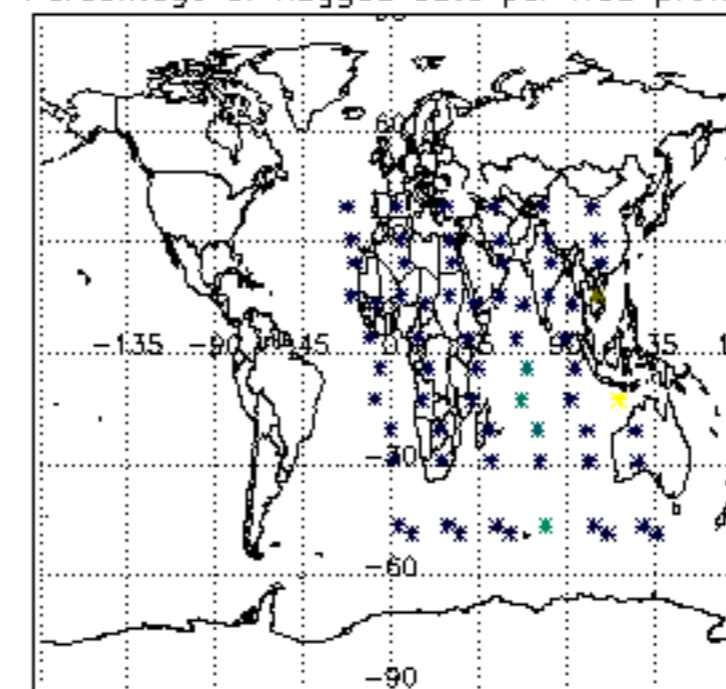
Percentage of flagged data per H2O profile

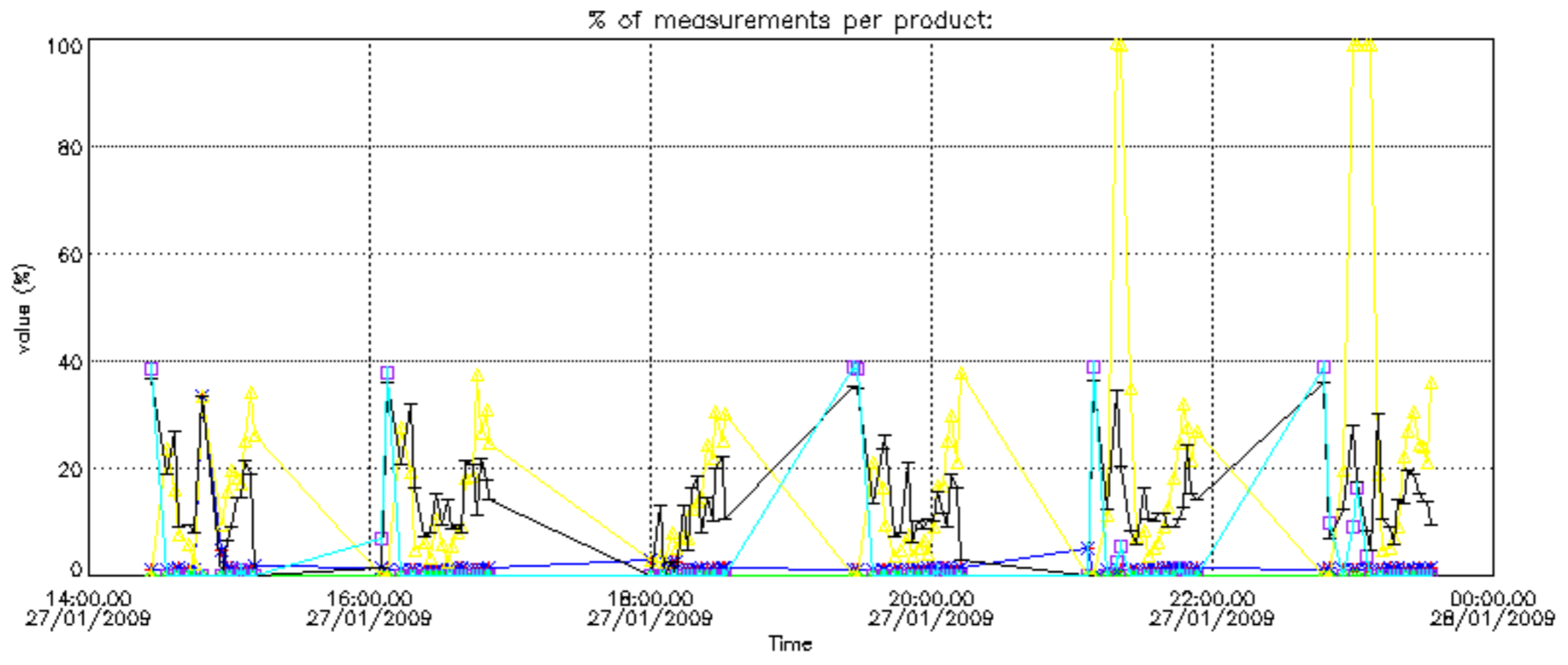


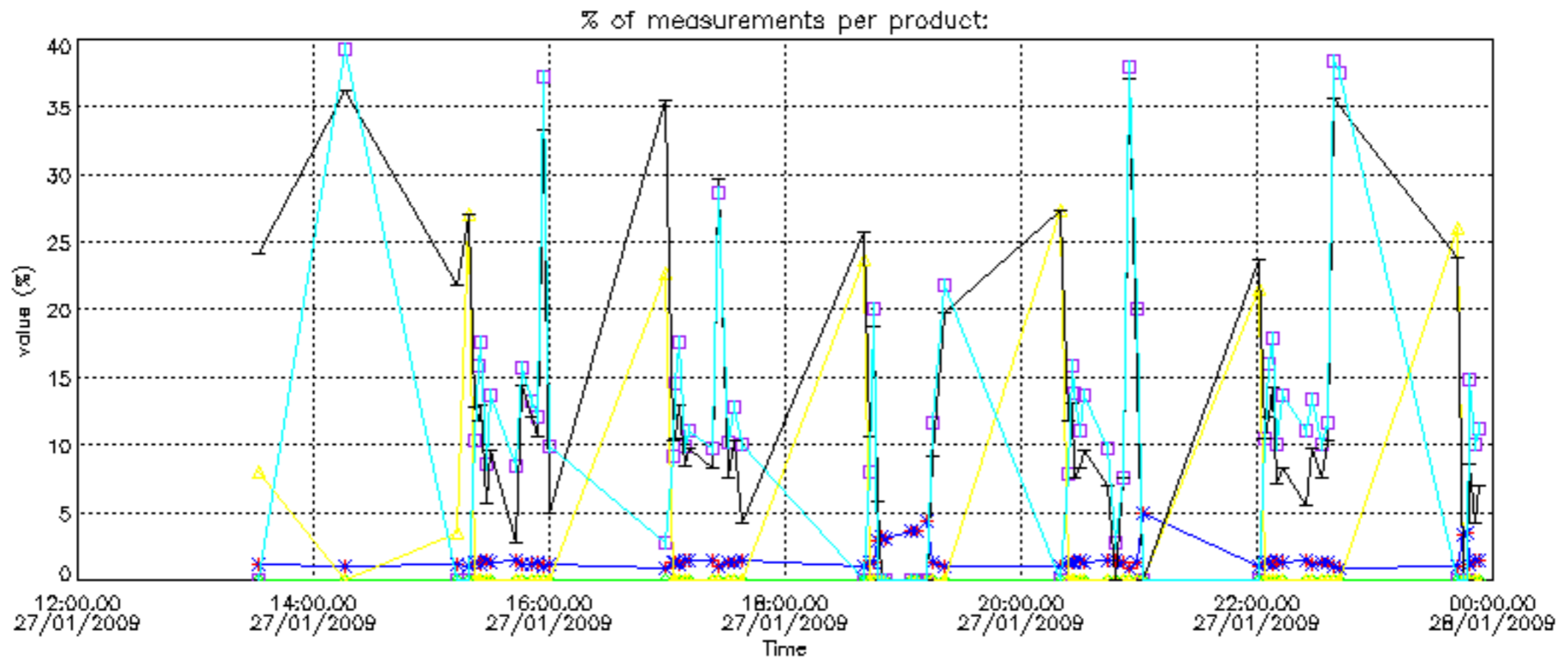
Percentage of flagged data per NO2 profile



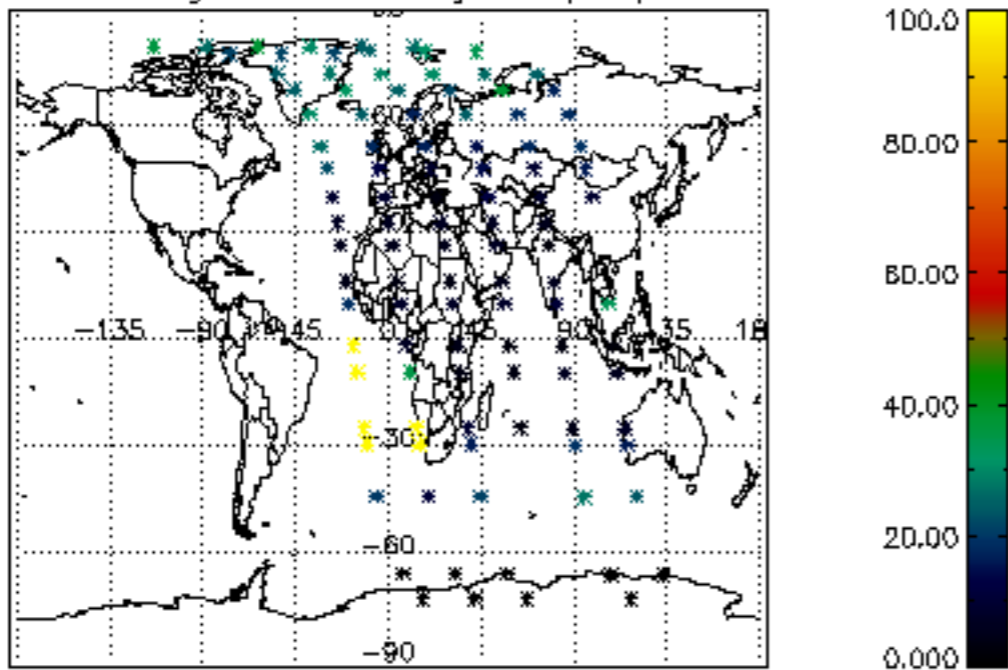
Percentage of flagged data per NO3 profile



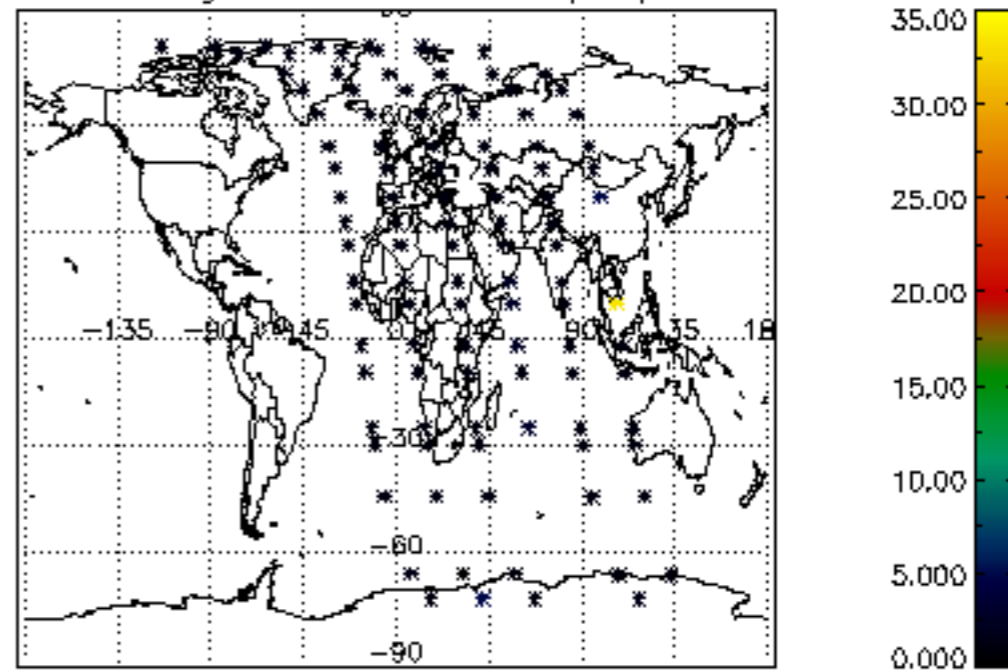




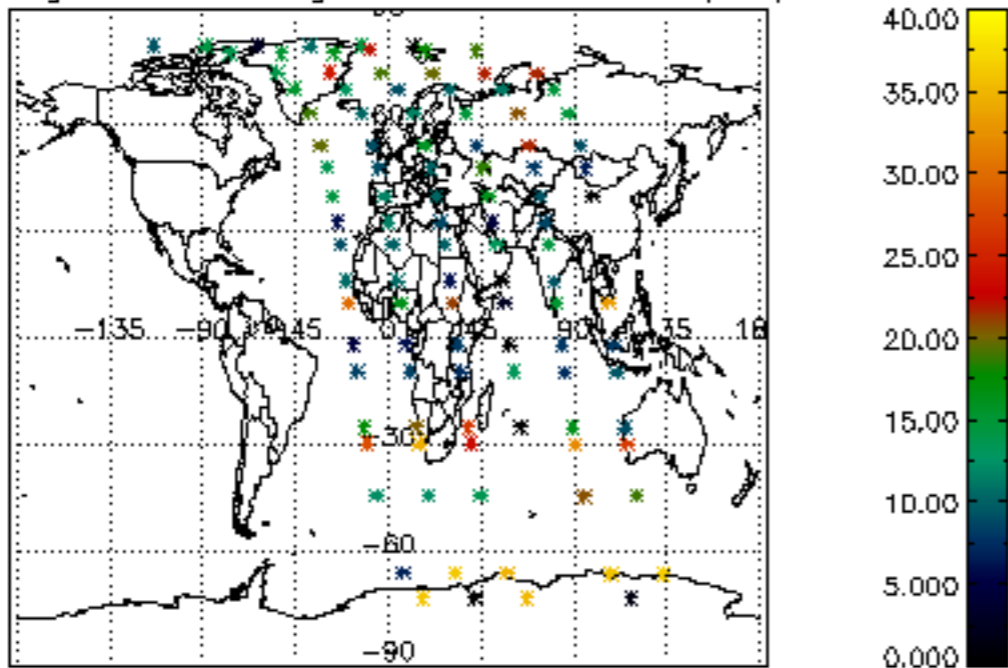
Percentage of cosmic ray hits per profile



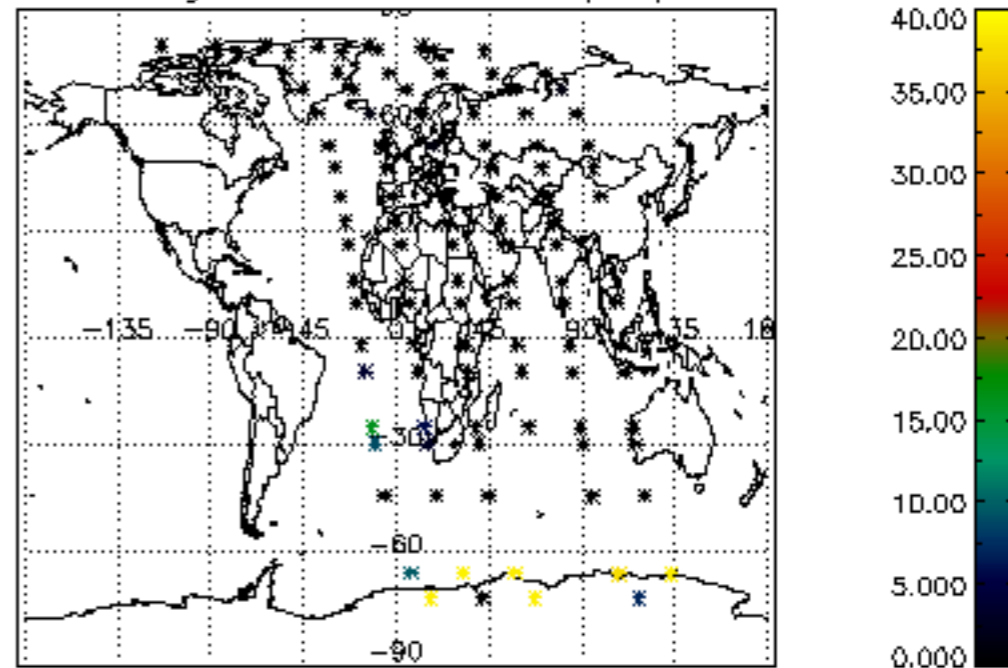
Percentage of datation errors per profile



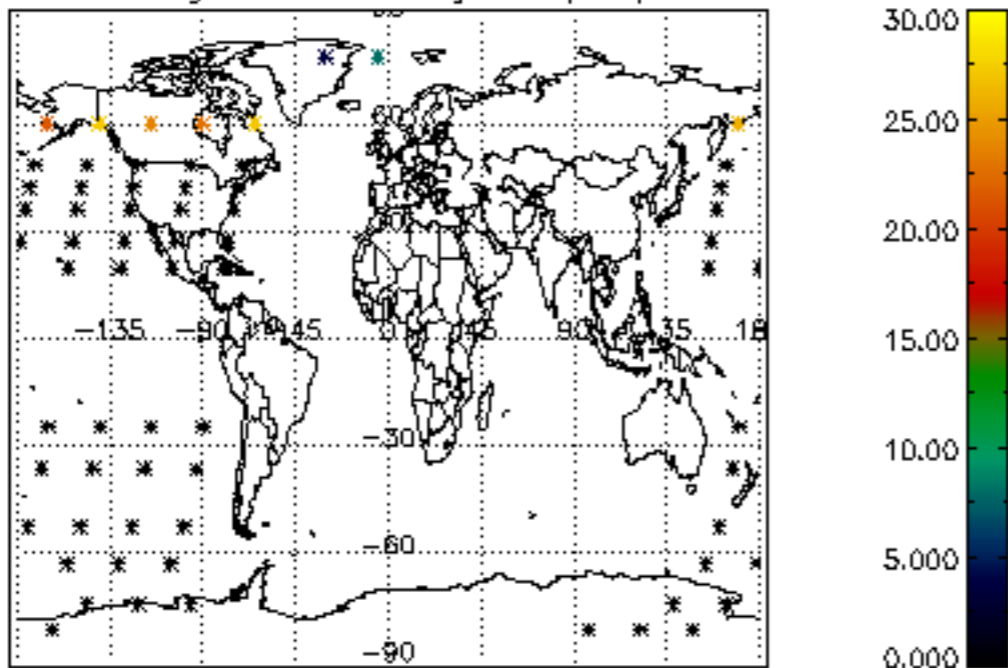
Percentage of star falling outside central band per profile



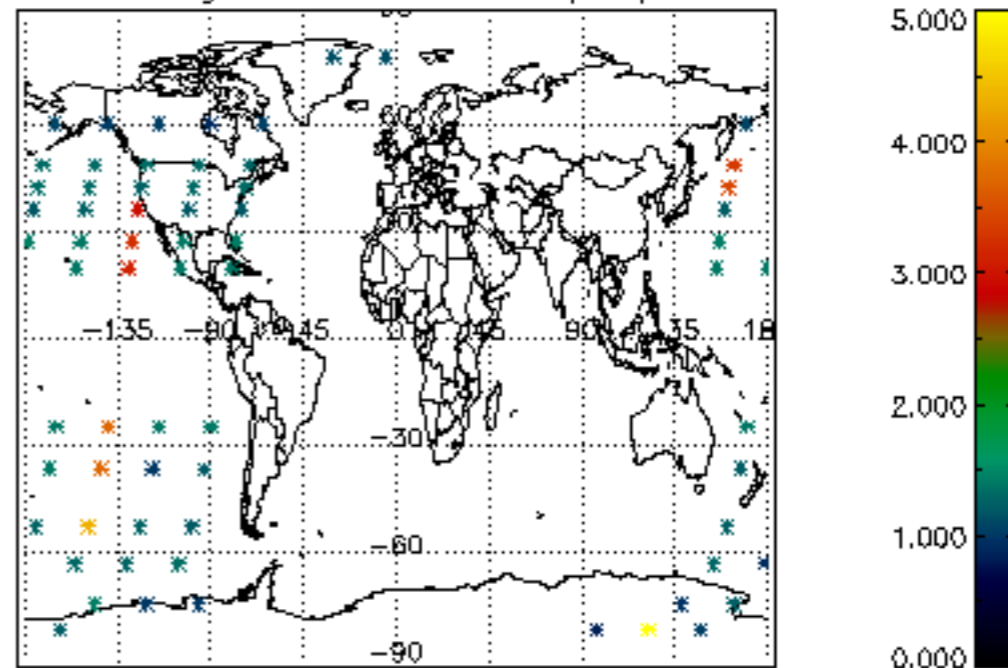
Percentage of saturation errors per profile



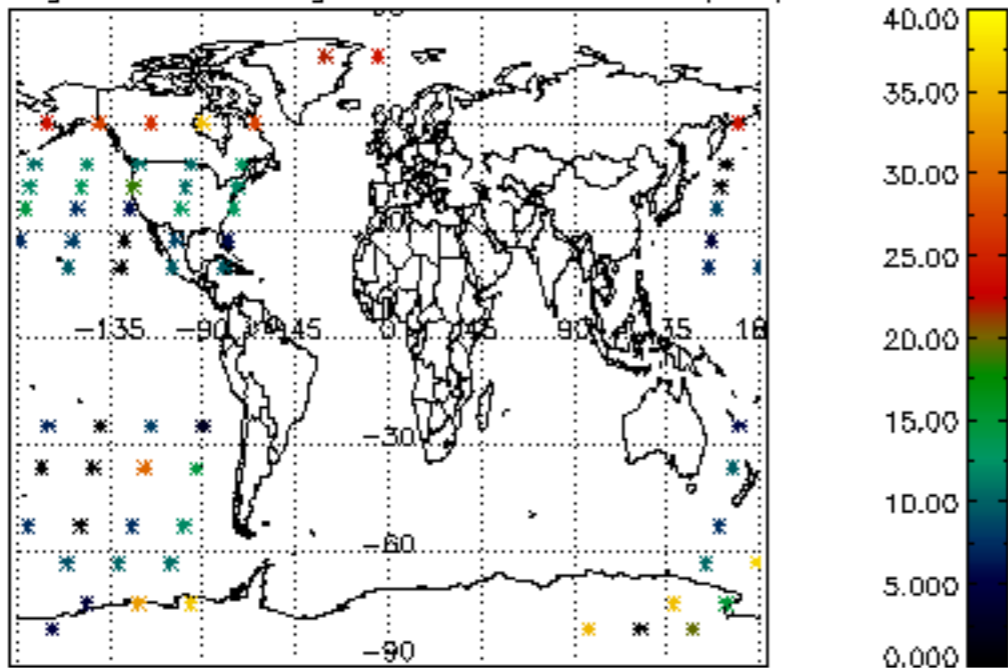
Percentage of cosmic ray hits per profile



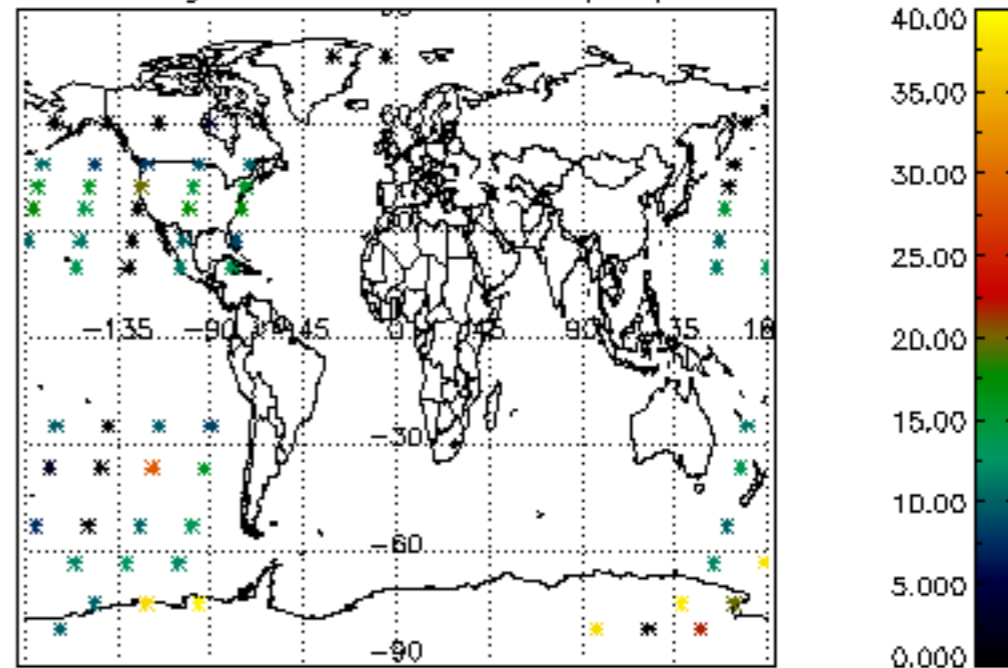
Percentage of datation errors per profile

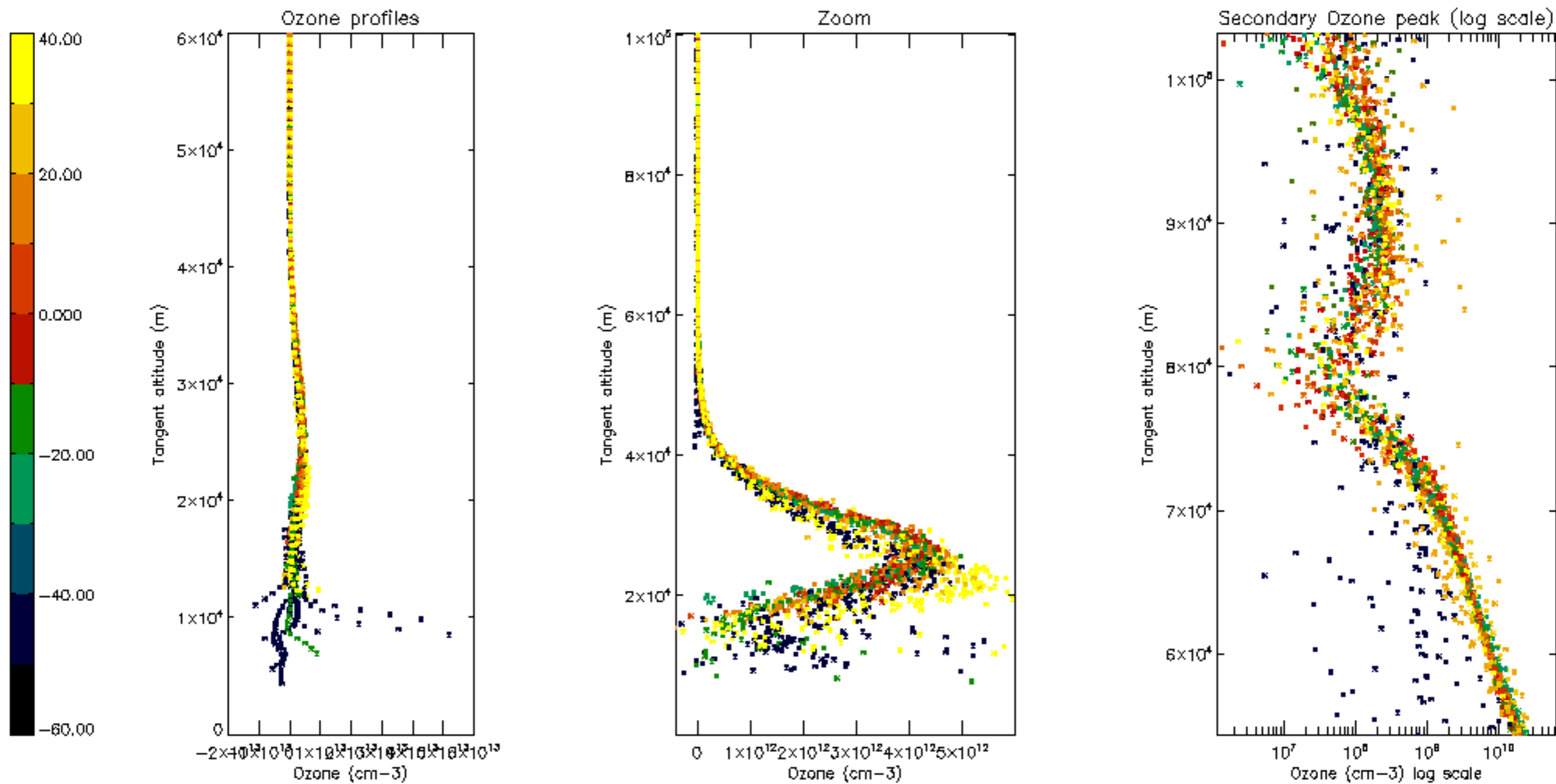


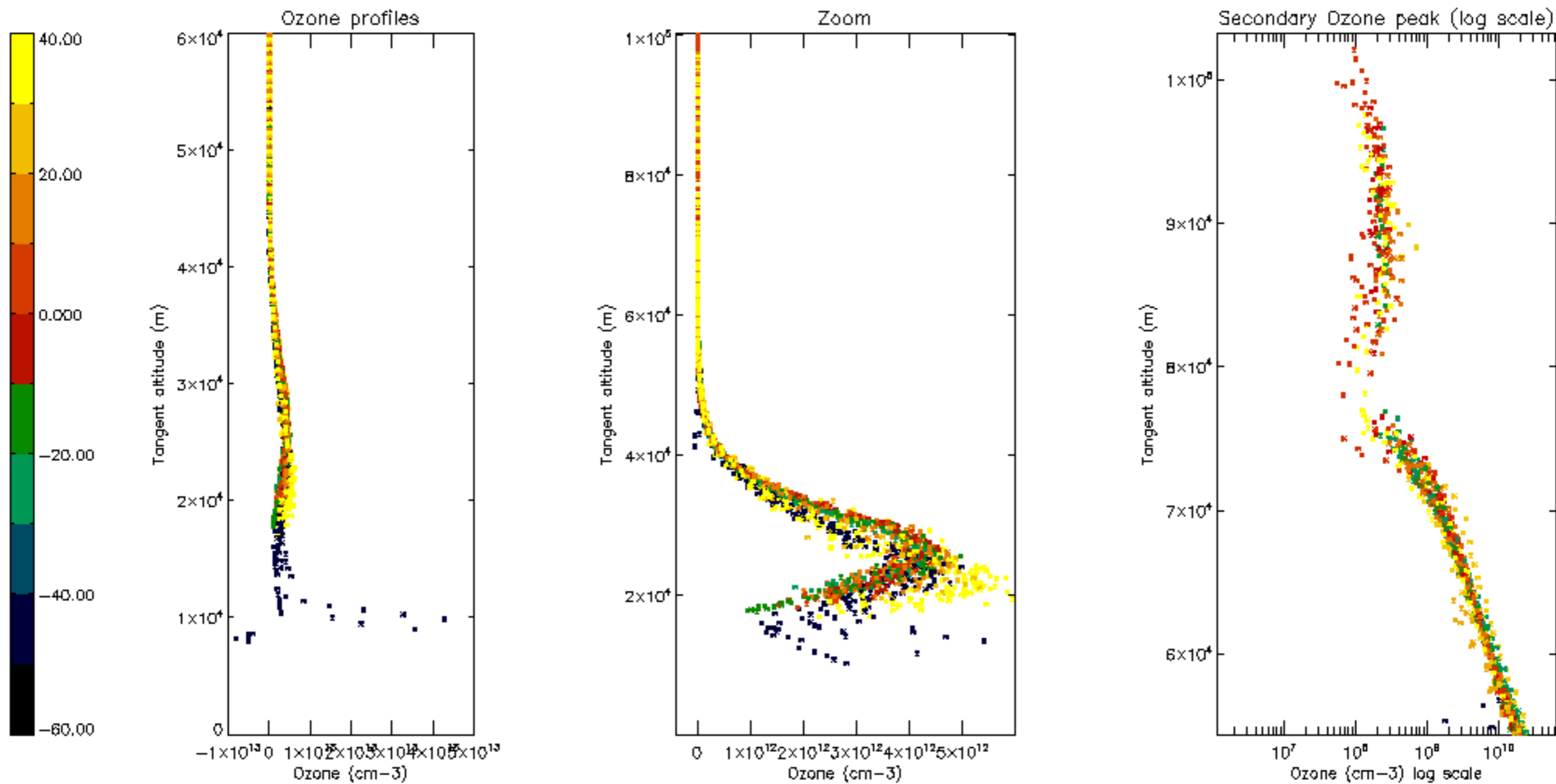
Percentage of star falling outside central band per profile

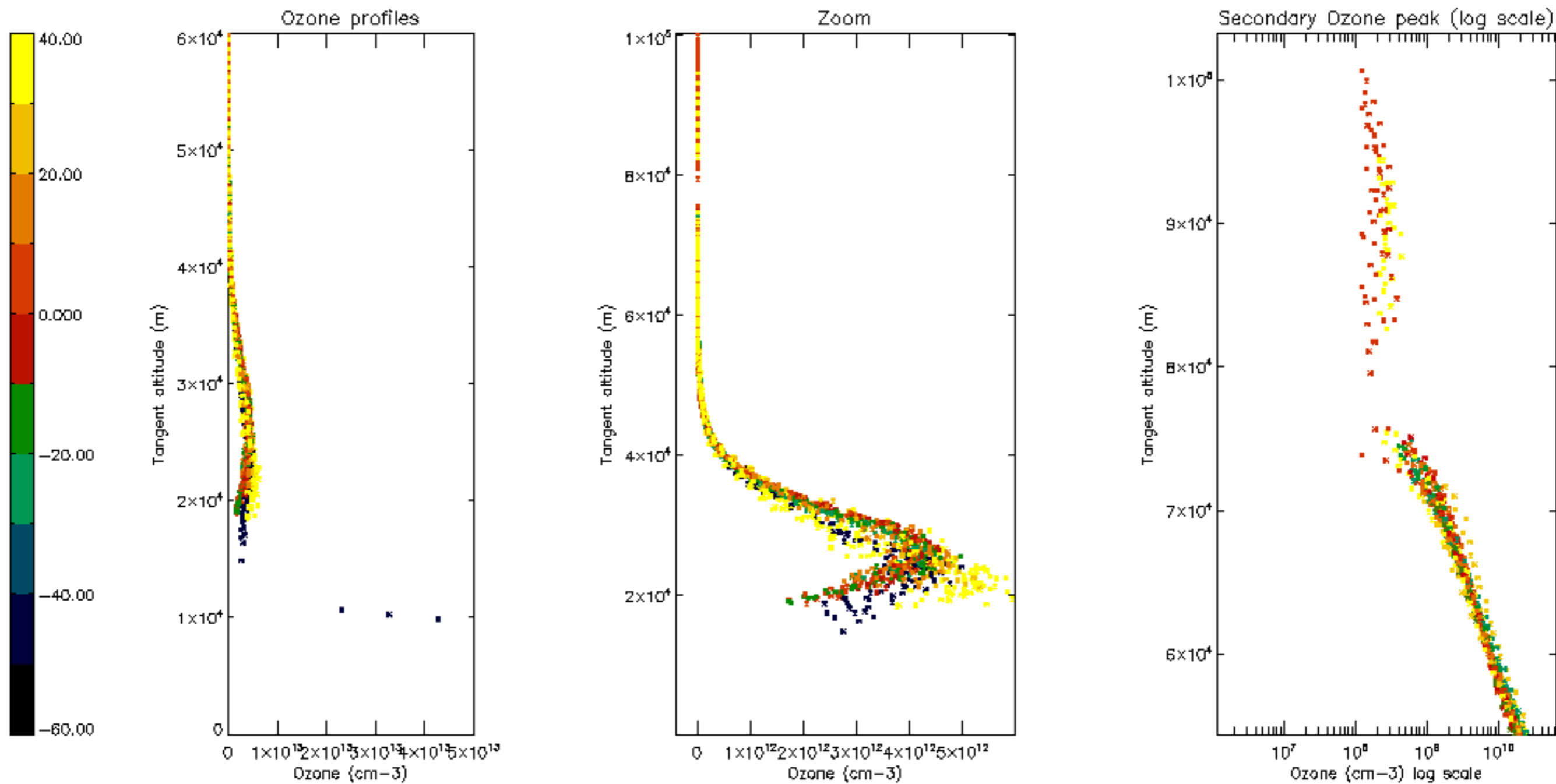


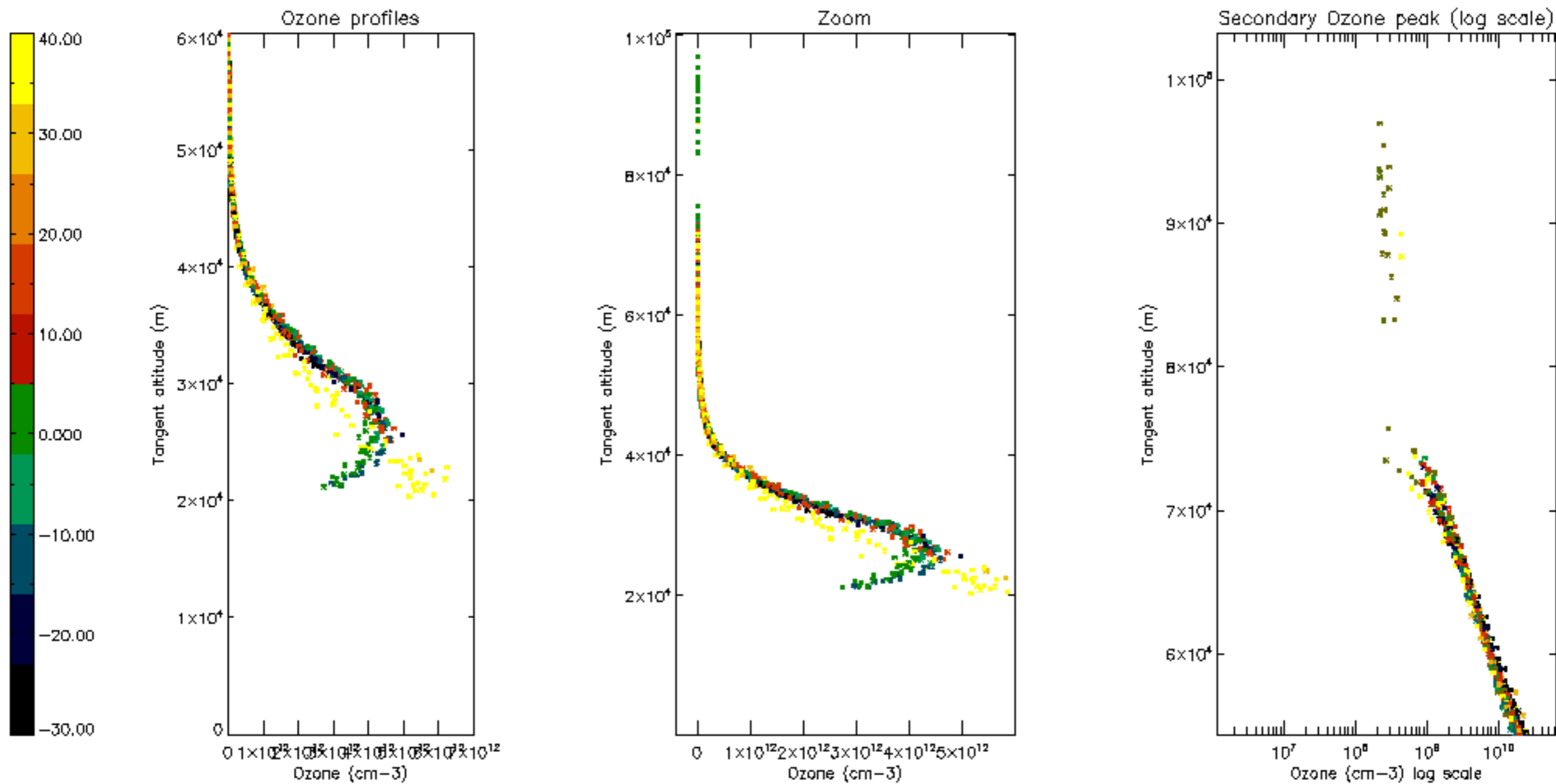
Percentage of saturation errors per profile

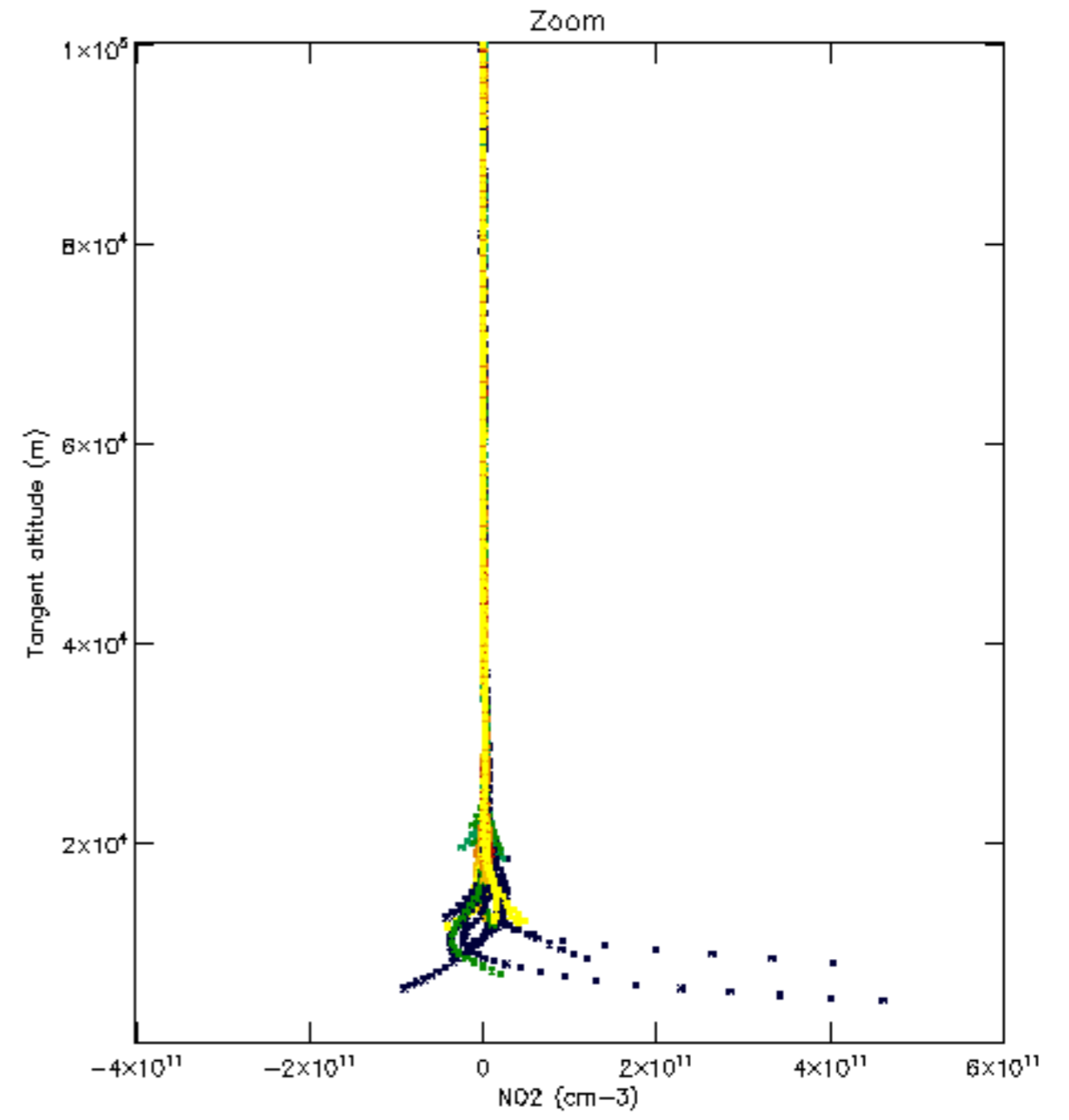
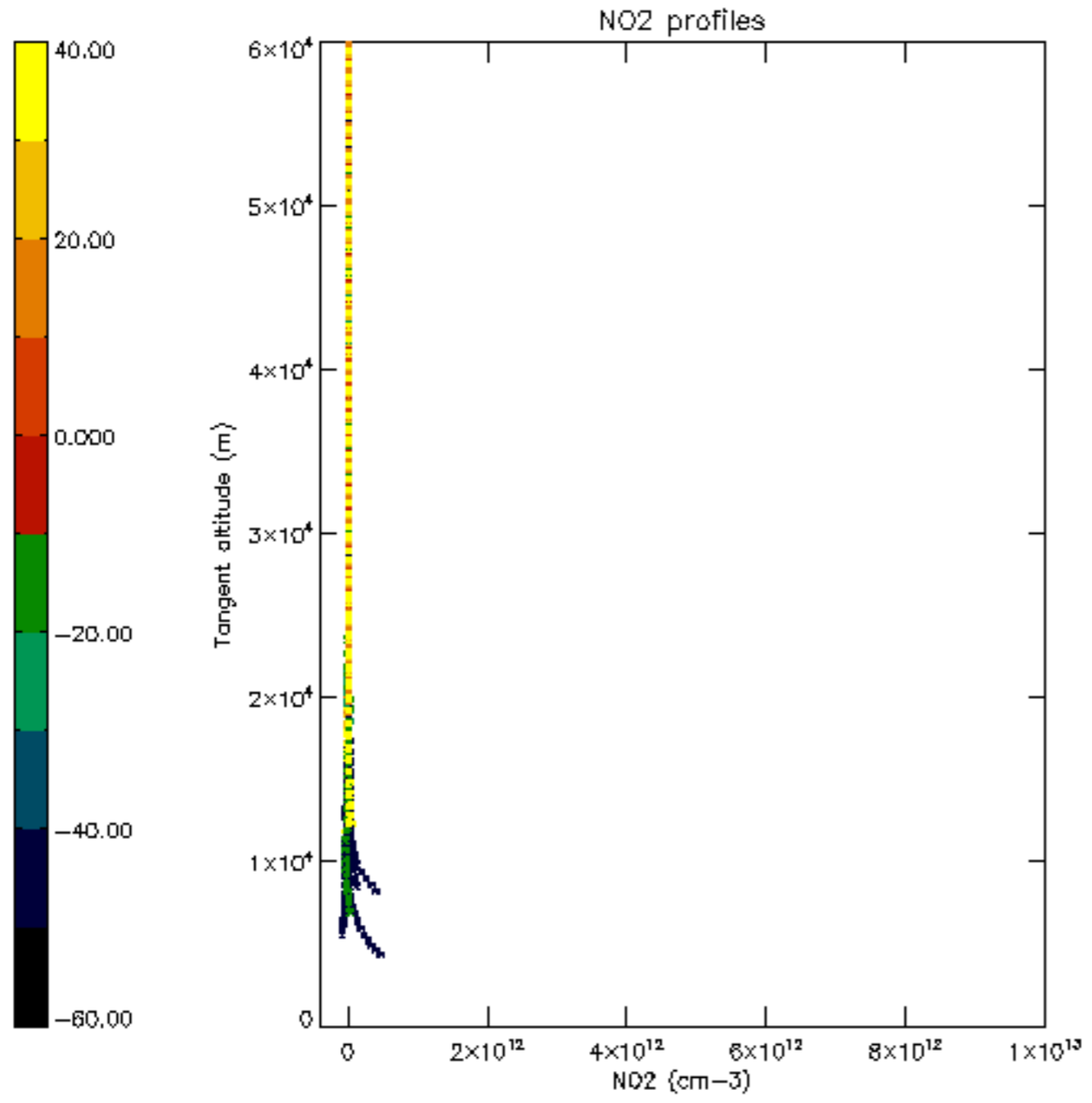


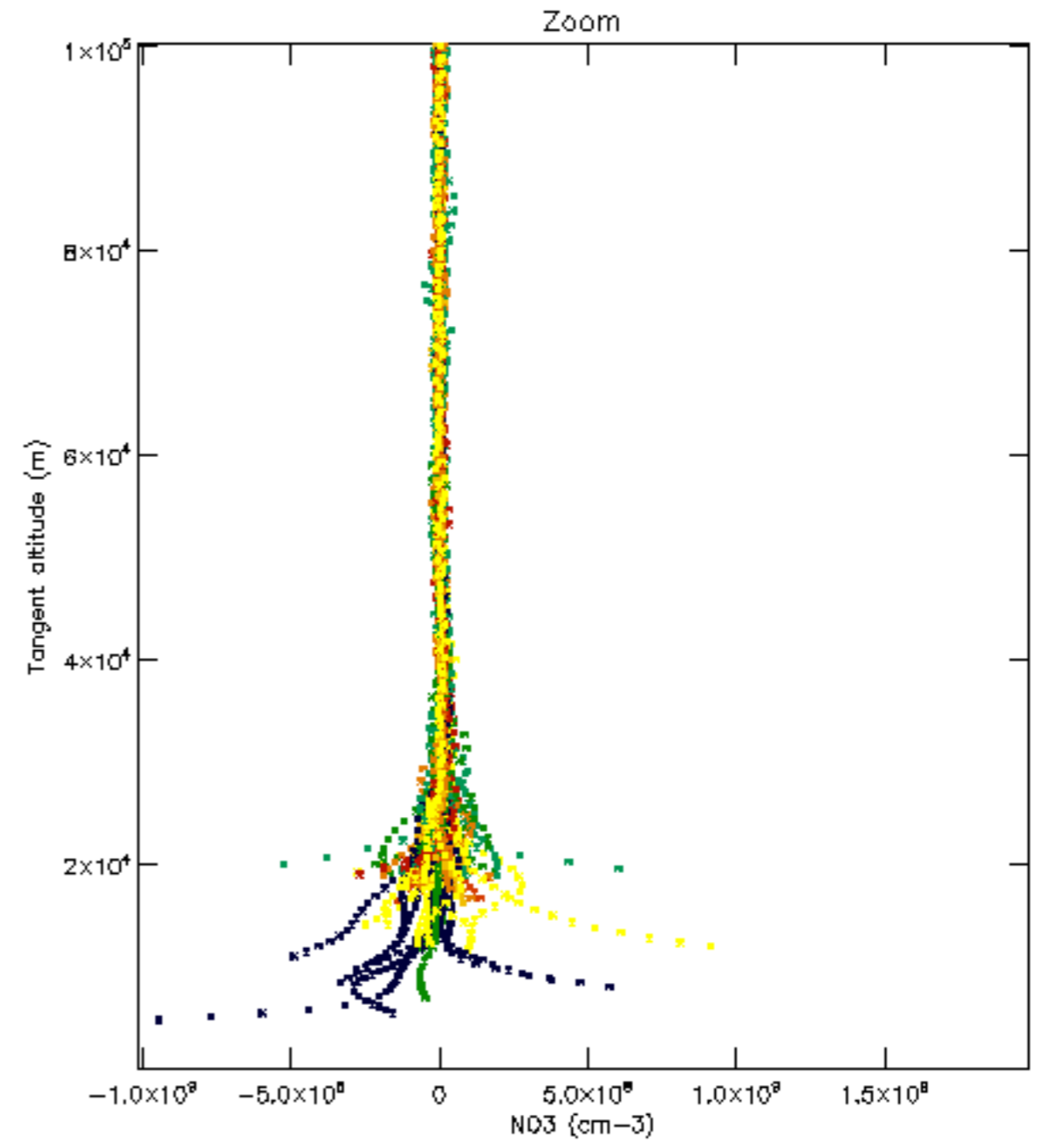
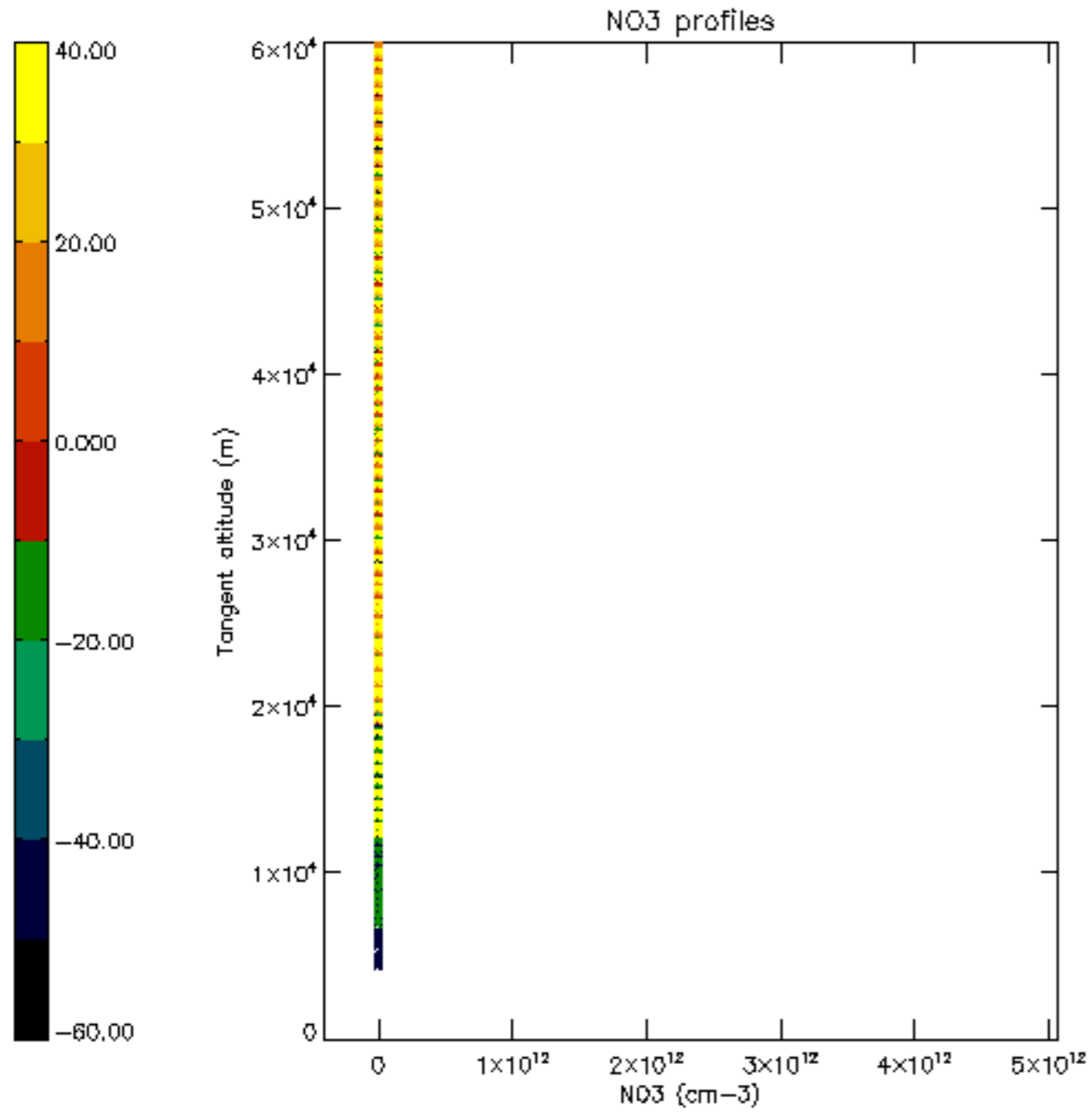


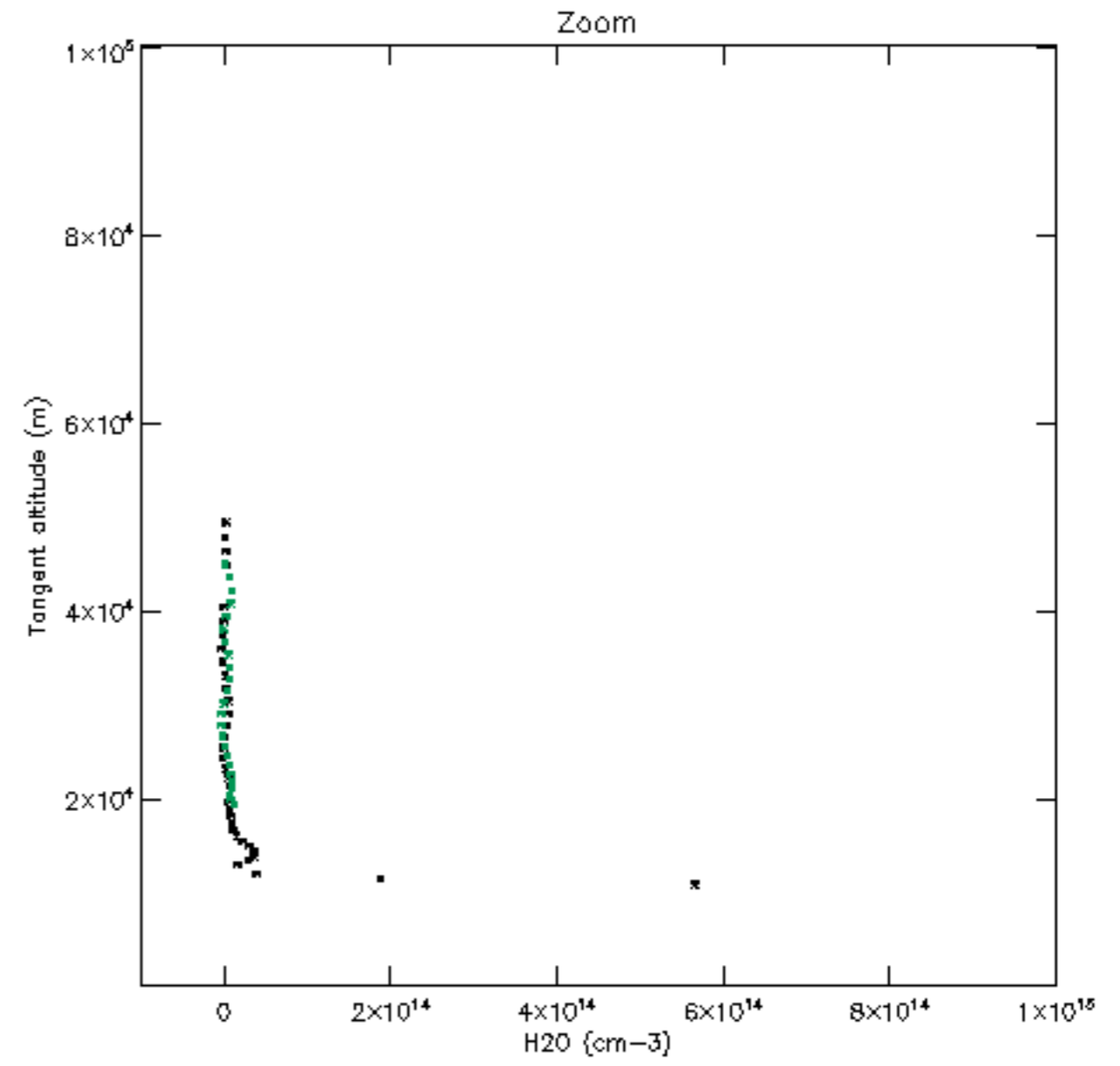
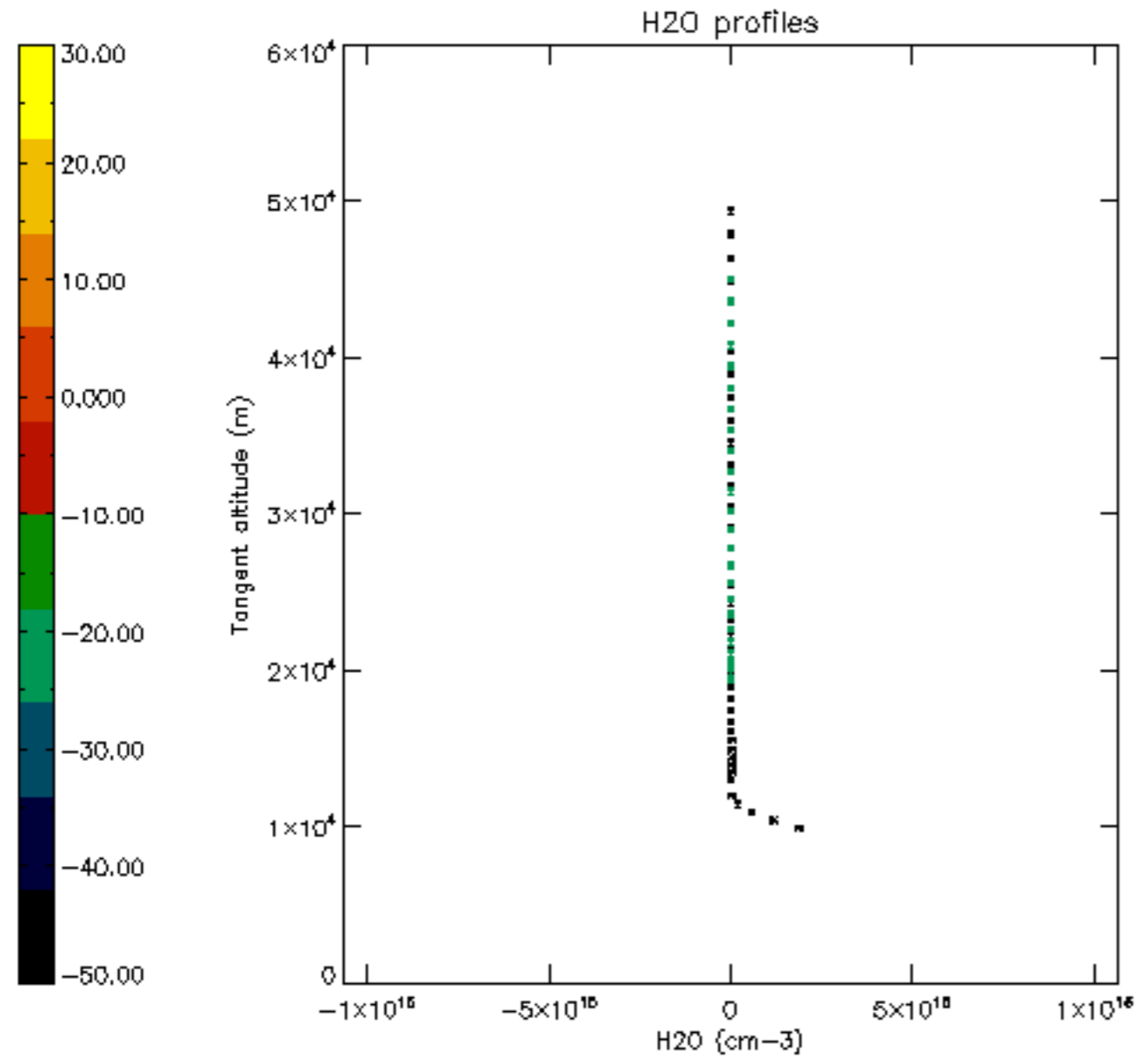


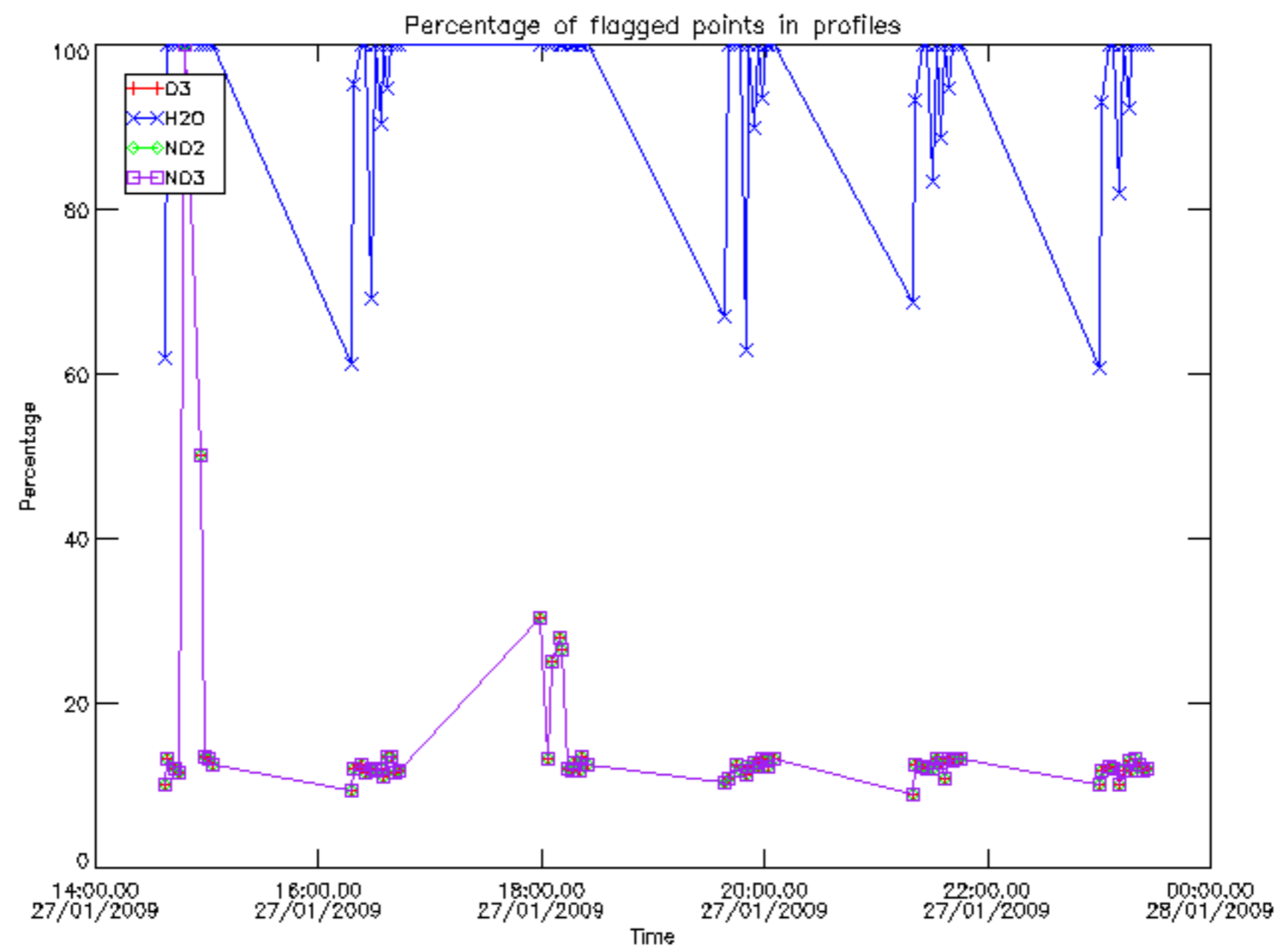




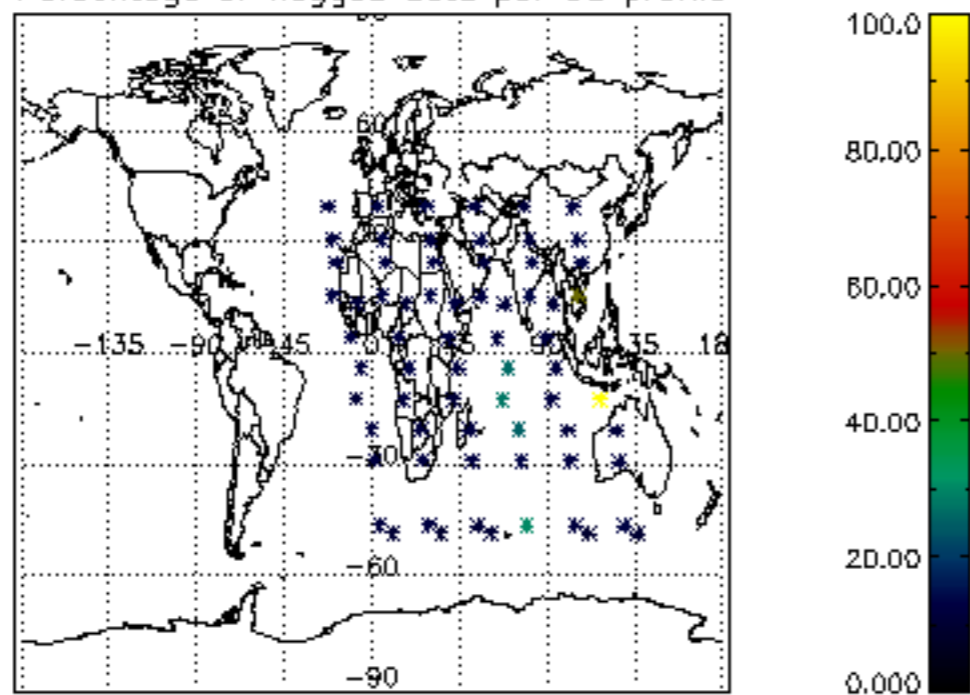




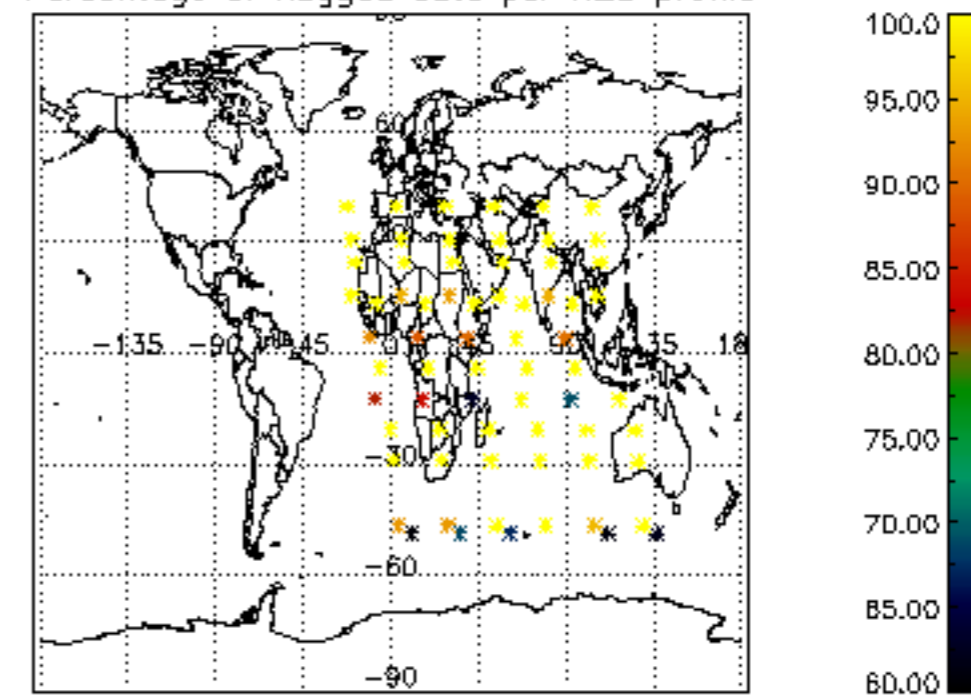




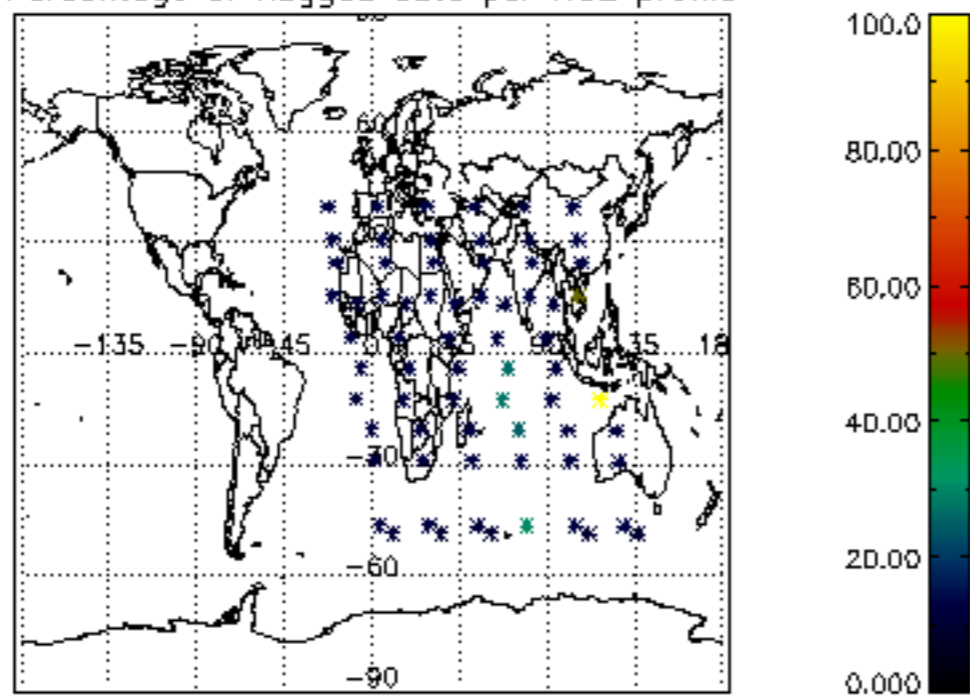
Percentage of flagged data per D3 profile



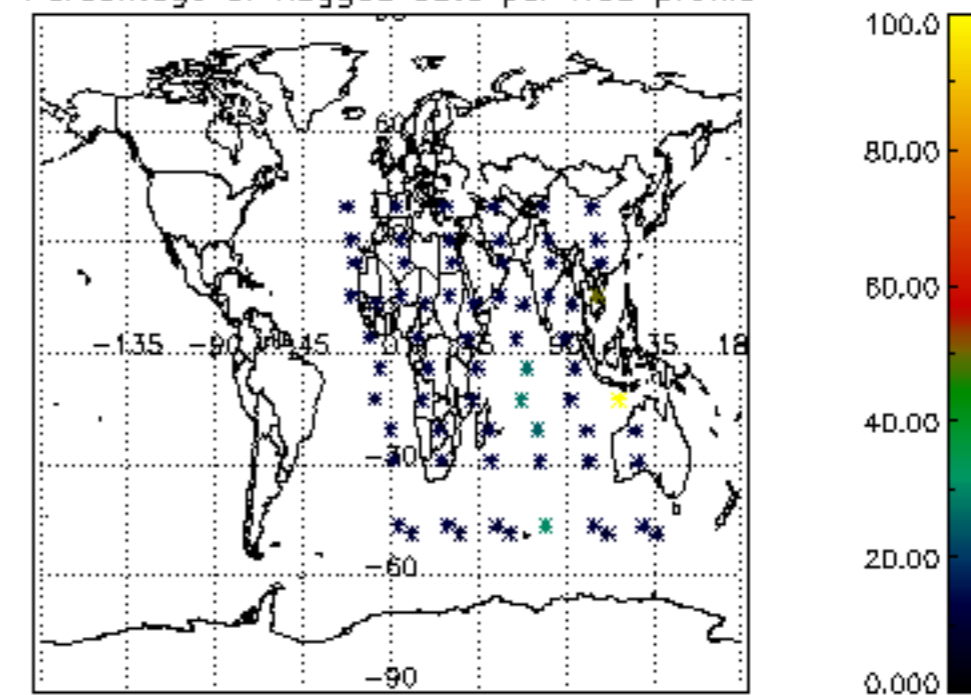
Percentage of flagged data per H2O profile

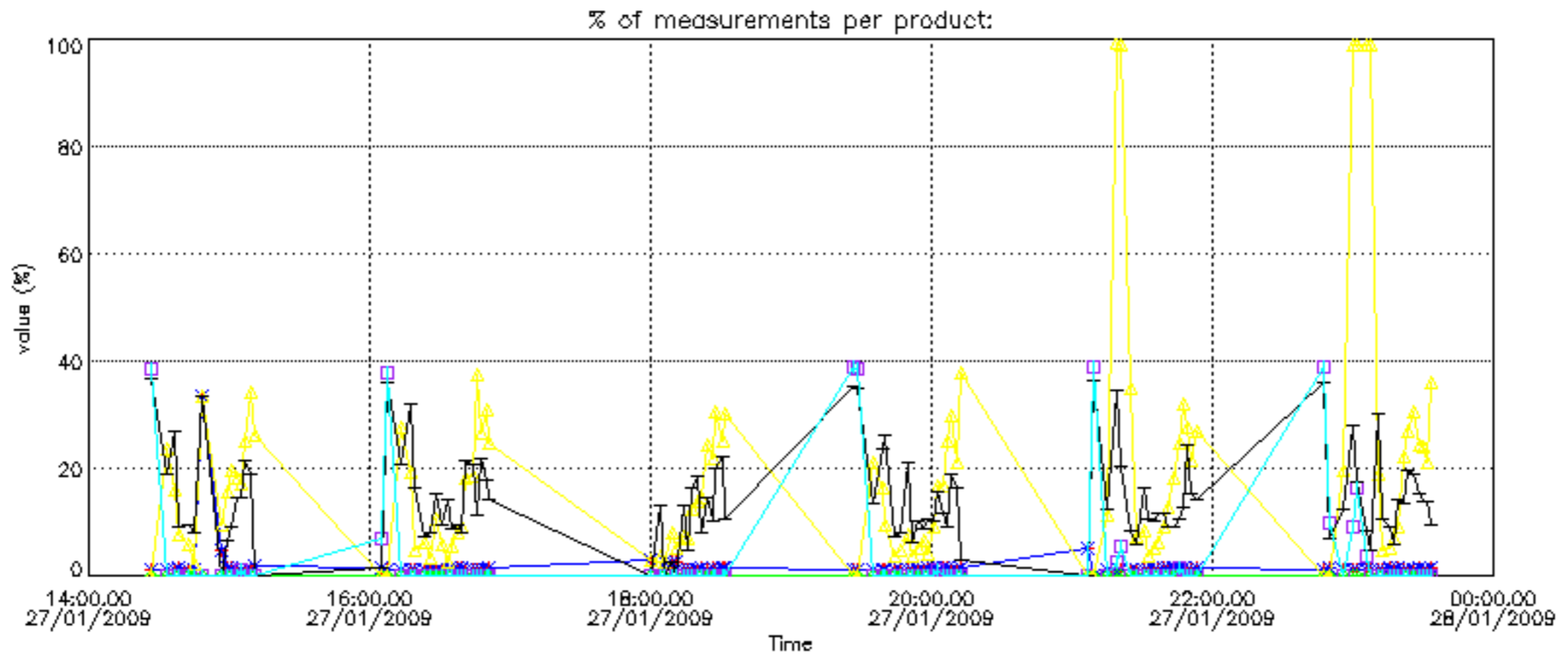


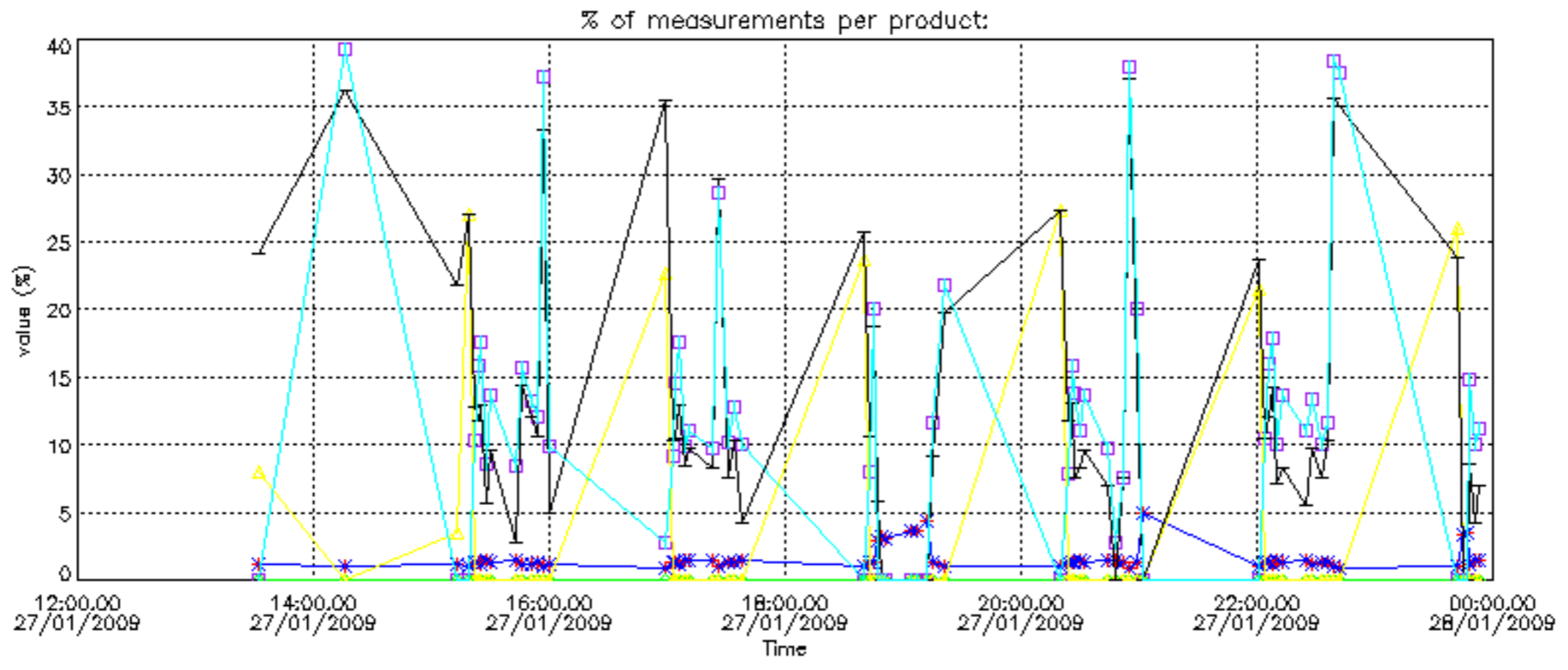
Percentage of flagged data per NO2 profile



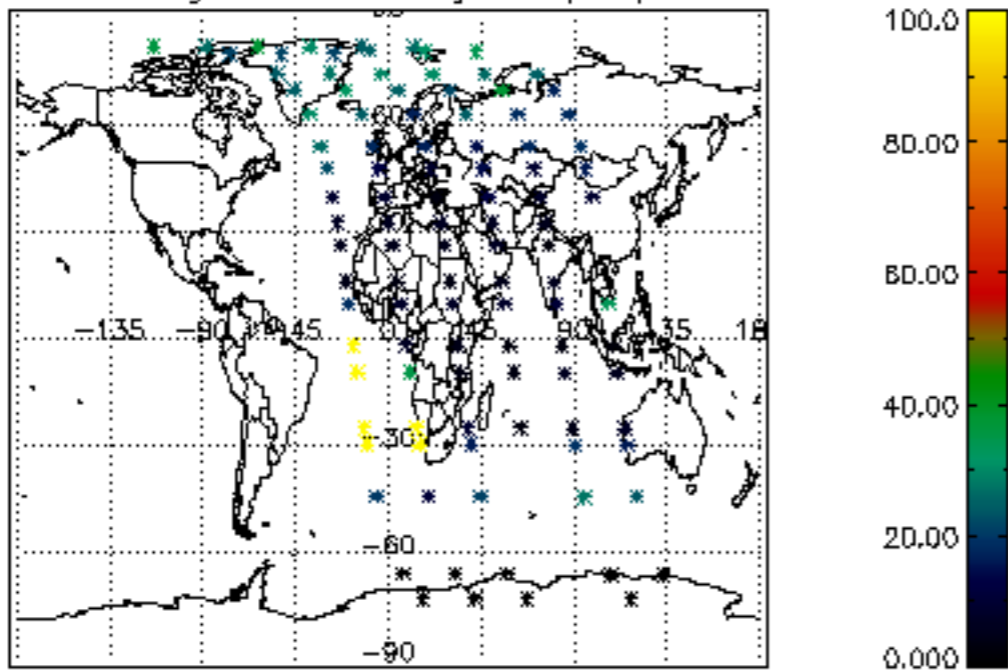
Percentage of flagged data per NO3 profile



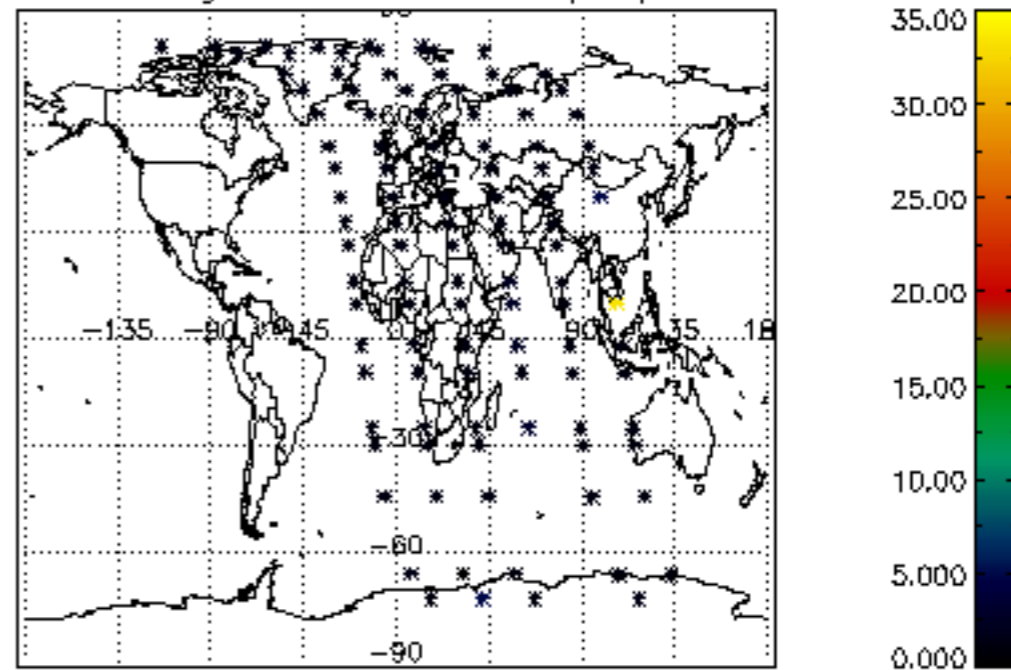




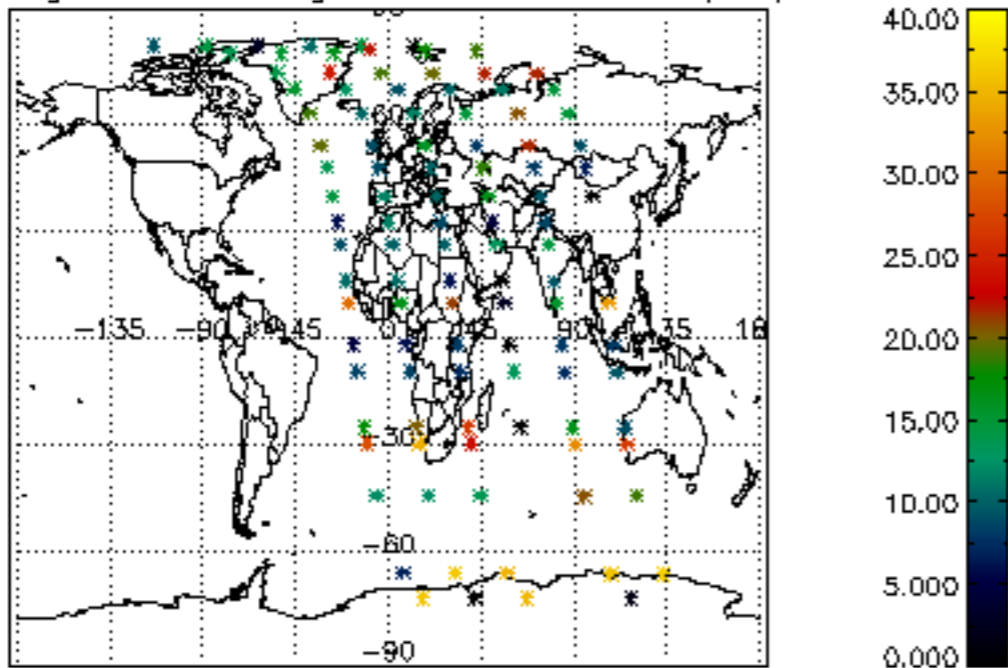
Percentage of cosmic ray hits per profile



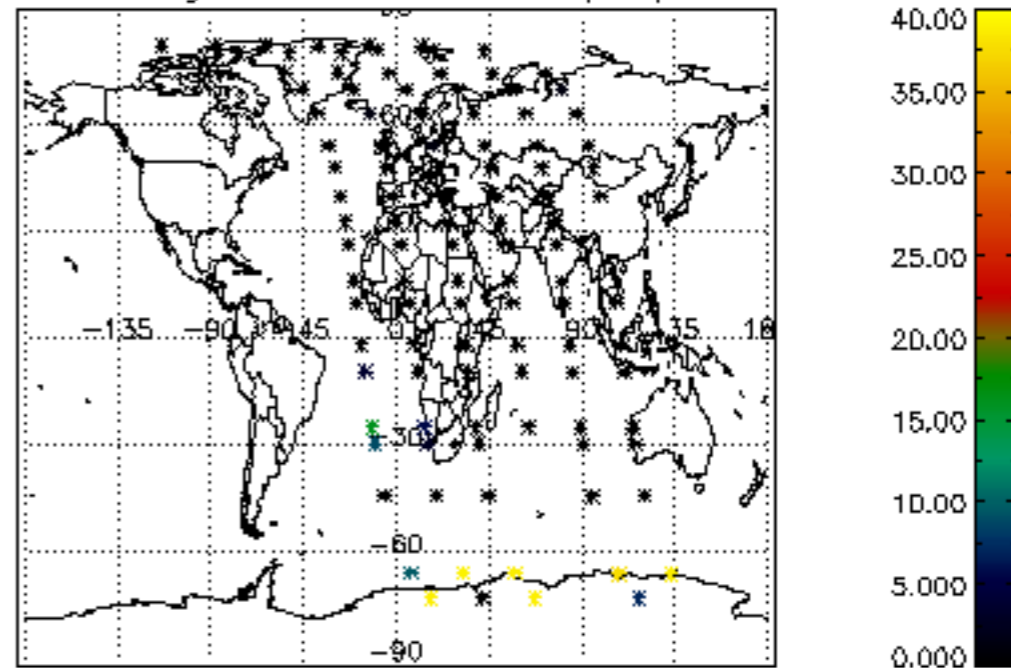
Percentage of datation errors per profile



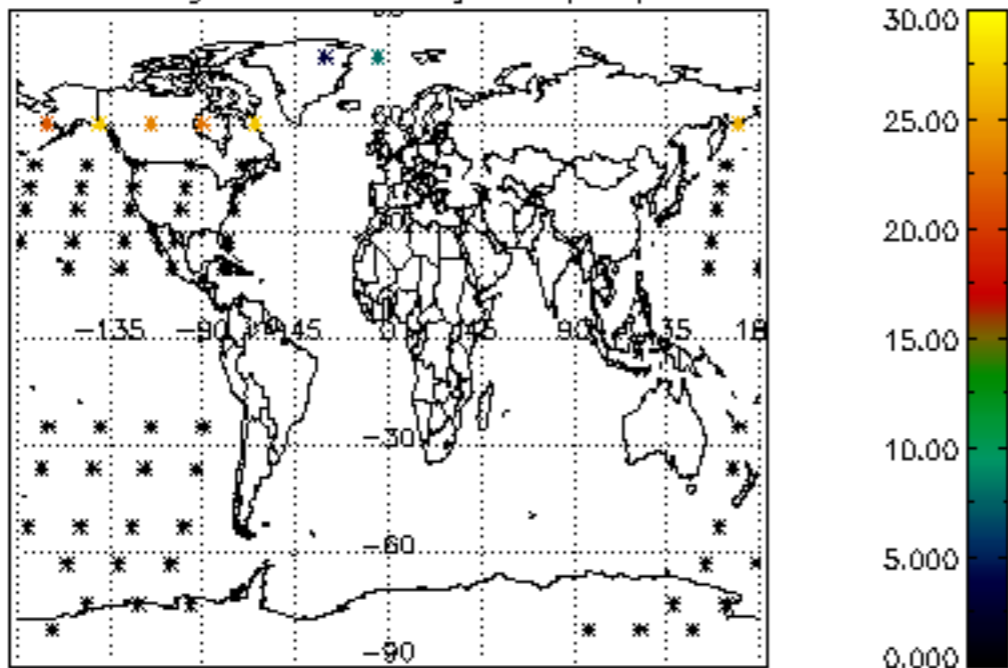
Percentage of star falling outside central band per profile



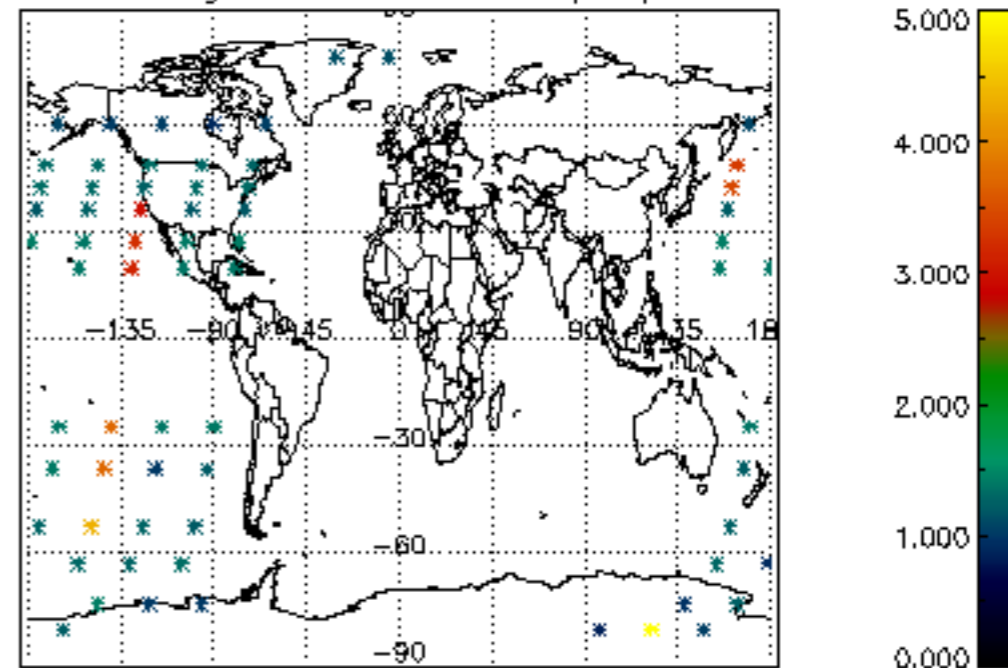
Percentage of saturation errors per profile



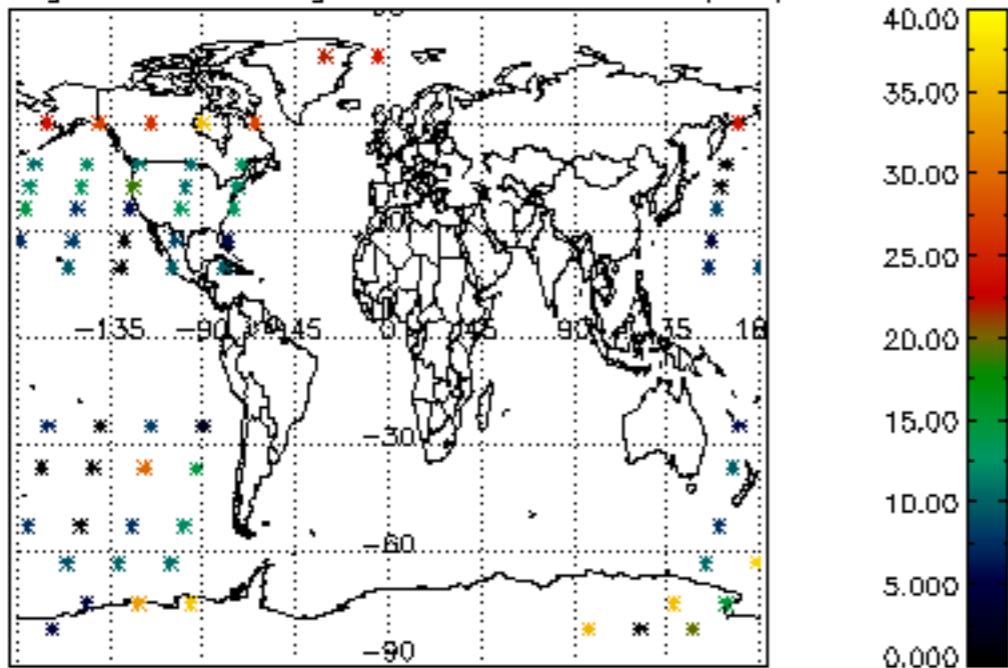
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

