

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 09:39:37
Data source version	GOMOS/6.01
Start time of products	28-01-2008 (28JAN2008 00:00:00)
Stop time of products	29-01-2008 (29JAN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	377
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__2PRFIN20080128_000829_000000362065_00288_30903_1341.N1	28-JAN-2008 00:08:29	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30903	No
2	GOM_NL__2PRFIN20080128_001928_000000372065_00288_30903_1342.N1	28-JAN-2008 00:19:28	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30903	No
3	GOM_NL__2PRFIN20080128_002257_000000352065_00288_30903_1343.N1	28-JAN-2008 00:22:57	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	30903	No
4	GOM_NL__2PRFIN20080128_003101_000000352065_00288_30903_1344.N1	28-JAN-2008 00:31:01	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	30903	No
5	GOM_NL__2PRFIN20080128_003308_000000352065_00288_30903_1345.N1	28-JAN-2008 00:33:08	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	30903	No
6	GOM_NL__2PRFIN20080128_003926_000000412065_00288_30903_1346.N1	28-JAN-2008 00:39:26	Twilight	40.500	86	35Eta Oph	2.4300	10200.	81	30903	No
7	GOM_NL__2PRFIN20080128_004332_000000512065_00288_30903_1347.N1	28-JAN-2008 00:43:32	Dark	51.000	16	21Alp Sco	1.0200	3000.0	102	30903	No
8	GOM_NL__2PRFIN20080128_004610_000000412065_00288_30903_1348.N1	28-JAN-2008 00:46:10	Dark	41.000	40	The Sco	1.8590	7100.0	82	30903	No
9	GOM_NL__2PRFIN20080128_005306_000000372065_00289_30904_1338.N1	28-JAN-2008 00:53:06	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30904	No
10	GOM_NL__2PRFIN20080128_005438_000000442065_00289_30904_1339.N1	28-JAN-2008 00:54:38	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	30904	No
11	GOM_NL__2PRFIN20080128_005913_000000432065_00289_30904_1340.N1	28-JAN-2008 00:59:13	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	30904	No
12	GOM_NL__2PRFIN20080128_010304_000000382065_00289_30904_1341.N1	28-JAN-2008 01:03:04	Dark	37.500	29	Bet Car	1.6720	10200.	75	30904	No
13	GOM_NL__2PRFIN20080128_010519_000000402065_00289_30904_1342.N1	28-JAN-2008 01:05:19	Dark	39.500	71	lot Car	2.2460	7700.0	79	30904	No
14	GOM_NL__2PRFIN20080128_010706_000000422065_00289_30904_1343.N1	28-JAN-2008 01:07:06	Dark	41.500	46	Del Vel	1.9540	10600.	83	30904	No
15	GOM_NL__2PRFIN20080128_010941_000000382065_00289_30904_1344.N1	28-JAN-2008 01:09:41	Dark	37.500	34	Gam2Vel	1.7930	23000.	75	30904	No
16	GOM_NL__2PRFIN20080128_011147_000000422065_00289_30904_1345.N1	28-JAN-2008 01:11:47	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	30904	No
17	GOM_NL__2PRFIN20080128_011313_000000432065_00289_30904_1346.N1	28-JAN-2008 01:13:13	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	30904	No
18	GOM_NL__2PRFIN20080128_011540_000000432065_00289_30904_1347.N1	28-JAN-2008 01:15:40	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	30904	No
19	GOM_NL__2PRFIN20080128_011703_000000402065_00289_30904_1348.N1	28-JAN-2008 01:17:03	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	30904	No
20	GOM_NL__2PRFIN20080128_011912_000000442065_00289_30904_1349.N1	28-JAN-2008 01:19:12	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	30904	No
21	GOM_NL__2PRFIN20080128_012604_000000412065_00289_30904_1350.N1	28-JAN-2008 01:26:04	Twilight	41.000	153	3Bet CMi	2.8940	13100.	82	30904	No
22	GOM_NL__2PRFIN20080128_012829_000000342065_00289_30904_1351.N1	28-JAN-2008 01:28:29	Bright	34.000	44	24Gam Gem	1.9280	11000.	68	30904	No
23	GOM_NL__2PRFIN20080128_013017_000000382065_00289_30904_1352.N1	28-JAN-2008 01:30:17	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	30904	No
24	GOM_NL__2PRFIN20080128_013432_000000352065_00289_30904_1353.N1	28-JAN-2008 01:34:32	Bright	34.500	107	37The Aur	2.6490	11000.	69	30904	No
25	GOM_NL__2PRFIN20080128_013639_000000362065_00289_30904_1354.N1	28-JAN-2008 01:36:39	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30904	No
26	GOM_NL__2PRFIN20080128_014904_000000332065_00289_30904_1355.N1	28-JAN-2008 01:49:04	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	30904	No
27	GOM_NL__2PRFIN20080128_020004_000000352065_00289_30904_1356.N1	28-JAN-2008 02:00:04	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	30904	No
28	GOM_NL__2PRFIN20080128_020333_000000342065_00289_30904_1357.N1	28-JAN-2008 02:03:33	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	30904	No
29	GOM_NL__2PRFIN20080128_021137_000000532065_00289_30904_1358.N1	28-JAN-2008 02:11:37	Bright	53.000	59	55Alp Oph	2.0800	8900.0	106	30904	No
30	GOM_NL__2PRFIN20080128_021344_000000342065_00289_30904_1359.N1	28-JAN-2008 02:13:44	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	30904	No
31	GOM_NL__2PRFIN20080128_022002_000000412065_00289_30904_1360.N1	28-JAN-2008 02:20:02	Twilight	41.000	86	35Eta Oph	2.4300	10200.	82	30904	No
32	GOM_NL__2PRFIN20080128_022409_000000482065_00289_30904_1361.N1	28-JAN-2008 02:24:09	Dark	47.500	16	21Alp Sco	1.0200	3000.0	95	30904	No
33	GOM_NL__2PRFIN20080128_022538_000000372065_00289_30904_1362.N1	28-JAN-2008 02:25:38	Dark	36.500	85	Kap Sco	2.4070	28000.	73	30904	No
34	GOM_NL__2PRFIN20080128_022646_000000412065_00289_30904_1363.N1	28-JAN-2008 02:26:46	Dark	41.000	40	The Sco	1.8590	7100.0	82	30904	No
35	GOM_NL__2PRFIN20080128_023342_000000382065_00290_30905_1347.N1	28-JAN-2008 02:33:42	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	30905	No
36	GOM_NL__2PRFIN20080128_023514_000000422065_00290_30905_1348.N1	28-JAN-2008 02:35:14	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	30905	No
37	GOM_NL__2PRFIN20080128_023949_000000442065_00290_30905_1349.N1	28-JAN-2008 02:39:49	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	30905	No
38	GOM_NL__2PRFIN20080128_024340_000000382065_00290_30905_1350.N1	28-JAN-2008 02:43:40	Dark	38.000	29	Bet Car	1.6720	10200.	76	30905	No
39	GOM_NL__2PRFIN20080128_024555_000000392065_00290_30905_1351.N1	28-JAN-2008 02:45:55	Dark	39.000	71	lot Car	2.2460	7700.0	78	30905	No
40	GOM_NL__2PRFIN20080128_024742_000000402065_00290_30905_1352.N1	28-JAN-2008 02:47:42	Dark	40.000	46	Del Vel	1.9540	10600.	80	30905	No
41	GOM_NL__2PRFIN20080128_025017_000000392065_00290_30905_1353.N1	28-JAN-2008 02:50:17	Dark	38.500	34	Gam2Vel	1.7930	23000.	77	30905	No
42	GOM_NL__2PRFIN20080128_025223_000000392065_00290_30905_1354.N1	28-JAN-2008 02:52:23	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	30905	No

43	GOM_NL__2PRFIN20080128_025349_000000392065_00290_30905_1355.N1	28-JAN-2008 02:53:49	Straylight	38.500	117	Pi Pup	2.7060	3800.0	77	30905	No
44	GOM_NL__2PRFIN20080128_025616_000000412065_00290_30905_1356.N1	28-JAN-2008 02:56:16	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30905	No
45	GOM_NL__2PRFIN20080128_025739_000000402065_00290_30905_1357.N1	28-JAN-2008 02:57:39	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	30905	No
46	GOM_NL__2PRFIN20080128_025948_000000502065_00290_30905_1358.N1	28-JAN-2008 02:59:48	Straylight	49.500	1	9Alp CMa	-1.4400	11000.	99	30905	No
47	GOM_NL__2PRFIN20080128_030640_000000412065_00290_30905_1359.N1	28-JAN-2008 03:06:40	Tw_i_and_stray	40.500	153	3Bet CMi	2.8940	13100.	81	30905	No
48	GOM_NL__2PRFIN20080128_030905_000000392065_00290_30905_1360.N1	28-JAN-2008 03:09:05	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	30905	No
49	GOM_NL__2PRFIN20080128_031053_000000382065_00290_30905_1361.N1	28-JAN-2008 03:10:53	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	30905	No
50	GOM_NL__2PRFIN20080128_031508_000000342065_00290_30905_1362.N1	28-JAN-2008 03:15:08	Bright	34.000	107	37The Aur	2.6490	11000.	68	30905	No
51	GOM_NL__2PRFIN20080128_031715_000000372065_00290_30905_1363.N1	28-JAN-2008 03:17:15	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	30905	No
52	GOM_NL__2PRFIN20080128_032940_000000332065_00290_30905_1364.N1	28-JAN-2008 03:29:40	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	30905	No
53	GOM_NL__2PRFIN20080128_034040_000000362065_00290_30905_1365.N1	28-JAN-2008 03:40:40	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	30905	No
54	GOM_NL__2PRFIN20080128_034409_000000352065_00290_30905_1366.N1	28-JAN-2008 03:44:09	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	30905	No
55	GOM_NL__2PRFIN20080128_035214_000000532065_00290_30905_1367.N1	28-JAN-2008 03:52:14	Bright	53.000	59	55Alp Oph	2.0800	8900.0	106	30905	No
56	GOM_NL__2PRFIN20080128_035420_000000352065_00290_30905_1368.N1	28-JAN-2008 03:54:20	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	30905	No
57	GOM_NL__2PRFIN20080128_040039_000000402065_00290_30905_1369.N1	28-JAN-2008 04:00:39	Tw_i_and_stray	39.500	86	35Eta Oph	2.4300	10200.	79	30905	No
58	GOM_NL__2PRFIN20080128_040445_000000572065_00290_30905_1370.N1	28-JAN-2008 04:04:45	Dark	57.000	16	21Alp Sco	1.0200	3000.0	114	30905	No
59	GOM_NL__2PRFIN20080128_040614_000000392065_00290_30905_1371.N1	28-JAN-2008 04:06:14	Dark	38.500	85	Kap Sco	2.4070	28000.	77	30905	No
60	GOM_NL__2PRFIN20080128_040722_000000402065_00290_30905_1372.N1	28-JAN-2008 04:07:22	Dark	39.500	40	The Sco	1.8590	7100.0	79	30905	No
61	GOM_NL__2PRFIN20080128_040917_000000362065_00290_30905_1373.N1	28-JAN-2008 04:09:17	Dark	36.000	147	Alp Ara	2.8770	26000.	72	30905	No
62	GOM_NL__2PRFIN20080128_041419_000000382065_00291_30906_1366.N1	28-JAN-2008 04:14:19	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	30906	No
63	GOM_NL__2PRFIN20080128_041551_000000412065_00291_30906_1367.N1	28-JAN-2008 04:15:51	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	30906	No
64	GOM_NL__2PRFIN20080128_042026_000000412065_00291_30906_1368.N1	28-JAN-2008 04:20:26	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	30906	No
65	GOM_NL__2PRFIN20080128_042416_000000432065_00291_30906_1369.N1	28-JAN-2008 04:24:16	Dark	42.500	29	Bet Car	1.6720	10200.	85	30906	No
66	GOM_NL__2PRFIN20080128_042632_000000402065_00291_30906_1370.N1	28-JAN-2008 04:26:32	Dark	39.500	71	lot Car	2.2460	7700.0	79	30906	No
67	GOM_NL__2PRFIN20080128_042819_000000392065_00291_30906_1371.N1	28-JAN-2008 04:28:19	Dark	38.500	46	Del Vel	1.9540	10600.	77	30906	No
68	GOM_NL__2PRFIN20080128_043053_000000382065_00291_30906_1372.N1	28-JAN-2008 04:30:53	Dark	37.500	34	Gam2Vel	1.7930	23000.	75	30906	No
69	GOM_NL__2PRFIN20080128_043259_000000392065_00291_30906_1373.N1	28-JAN-2008 04:32:59	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	30906	No
70	GOM_NL__2PRFIN20080128_043425_000000432065_00291_30906_1374.N1	28-JAN-2008 04:34:25	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	30906	No
71	GOM_NL__2PRFIN20080128_043653_000000412065_00291_30906_1375.N1	28-JAN-2008 04:36:53	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	30906	No
72	GOM_NL__2PRFIN20080128_043815_000000382065_00291_30906_1376.N1	28-JAN-2008 04:38:15	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30906	No
73	GOM_NL__2PRFIN20080128_044024_000000462065_00291_30906_1377.N1	28-JAN-2008 04:40:24	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	30906	No
74	GOM_NL__2PRFIN20080128_044716_000000422065_00291_30906_1378.N1	28-JAN-2008 04:47:16	Tw_i_and_stray	41.500	153	3Bet CMi	2.8940	13100.	83	30906	No
75	GOM_NL__2PRFIN20080128_044941_000000392065_00291_30906_1379.N1	28-JAN-2008 04:49:41	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	30906	No
76	GOM_NL__2PRFIN20080128_045129_000000372065_00291_30906_1380.N1	28-JAN-2008 04:51:29	Bright	37.000	151	13Mu Gem	2.8900	3000.0	74	30906	No
77	GOM_NL__2PRFIN20080128_045544_000000352065_00291_30906_1381.N1	28-JAN-2008 04:55:44	Bright	34.500	107	37The Aur	2.6490	11000.	69	30906	No
78	GOM_NL__2PRFIN20080128_045751_000000362065_00291_30906_1382.N1	28-JAN-2008 04:57:51	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30906	No
79	GOM_NL__2PRFIN20080128_051016_000000352065_00291_30906_1383.N1	28-JAN-2008 05:10:16	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	30906	No
80	GOM_NL__2PRFIN20080128_052116_000000372065_00291_30906_1384.N1	28-JAN-2008 05:21:16	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30906	No
81	GOM_NL__2PRFIN20080128_052445_000000332065_00291_30906_1385.N1	28-JAN-2008 05:24:45	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	30906	No
82	GOM_NL__2PRFIN20080128_053250_000000392065_00291_30906_1386.N1	28-JAN-2008 05:32:50	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	30906	No
83	GOM_NL__2PRFIN20080128_053457_000000352065_00291_30906_1387.N1	28-JAN-2008 05:34:57	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	30906	No
84	GOM_NL__2PRFIN20080128_054115_000000402065_00291_30906_1388.N1	28-JAN-2008 05:41:15	Tw_i_and_stray	40.000	86	35Eta Oph	2.4300	10200.	80	30906	No
85	GOM_NL__2PRFIN20080128_054522_000000522065_00291_30906_1389.N1	28-JAN-2008 05:45:22	Dark	52.000	16	21Alp Sco	1.0200	3000.0	104	30906	No
86	GOM_NL__2PRFIN20080128_054651_000000382065_00291_30906_1390.N1	28-JAN-2008 05:46:51	Dark	38.000	85	Kap Sco	2.4070	28000.	76	30906	No
87	GOM_NL__2PRFIN20080128_054759_000000412065_00291_30906_1391.N1	28-JAN-2008 05:47:59	Dark	41.000	40	The Sco	1.8590	7100.0	82	30906	No
88	GOM_NL__2PRFIN20080128_054953_000000372065_00291_30906_1392.N1	28-JAN-2008 05:49:53	Dark	36.500	147	Alp Ara	2.8770	26000.	73	30906	No
89	GOM_NL__2PRFIN20080128_055455_000000382065_00292_30907_1380.N1	28-JAN-2008 05:54:55	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	30907	No
90	GOM_NL__2PRFIN20080128_055627_000000552065_00292_30907_1381.N1	28-JAN-2008 05:56:27	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	30907	No
91	GOM_NL__2PRFIN20080128_060102_000000402065_00292_30907_1382.N1	28-JAN-2008 06:01:02	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	30907	No
92	GOM_NL__2PRFIN20080128_060452_000000372065_00292_30907_1383.N1	28-JAN-2008 06:04:52	Dark	37.000	29	Bet Car	1.6720	10200.	74	30907	No
93	GOM_NL__2PRFIN20080128_060708_000000392065_00292_30907_1384.N1	28-JAN-2008 06:07:08	Dark	38.500	71	lot Car	2.2460	7700.0	77	30907	No
94	GOM_NL__2PRFIN20080128_060855_000000382065_00292_30907_1385.N1	28-JAN-2008 06:08:55	Dark	38.000	46	Del Vel	1.9540	10600.	76	30907	No
95	GOM_NL__2PRFIN20080128_061129_000000392065_00292_30907_1386.N1	28-JAN-2008 06:11:29	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	30907	No
96	GOM_NL__2PRFIN20080128_061335_000000412065_00292_30907_1387.N1	28-JAN-2008 06:13:35	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	30907	No
97	GOM_NL__2PRFIN20080128_061502_000000402065_00292_30907_1388.N1	28-JAN-2008 06:15:02	Straylight	40.000	117	Pi Pup	2.7060	3800.0	80	30907	No
98	GOM_NL__2PRFIN20080128_061729_000000412065_00292_30907_1389.N1	28-JAN-2008 06:17:29	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30907	No
99	GOM_NL__2PRFIN20080128_061851_000000362065_00292_30907_1390.N1	28-JAN-2008 06:18:51	Straylight	36.000	179	24Omi2CMa	3.0320	24000.	72	30907	No
100	GOM_NL__2PRFIN20080128_062101_000000442065_00292_30907_1391.N1	28-JAN-2008 06:21:01	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	30907	No
101	GOM_NL__2PRFIN20080128_062752_000000402065_00292_30907_1392.N1	28-JAN-2008 06:27:52	Tw_i_and_stray	40.000	153	3Bet CMi	2.8940	13100.	80	30907	No

161	GOM_NL__2PRFIN20080128_102304_000000362065_00294_30909_1429.N1	28-JAN-2008 10:23:04	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	30909	No
162	GOM_NL__2PRFIN20080128_102633_000000362065_00294_30909_1430.N1	28-JAN-2008 10:26:33	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	30909	No
163	GOM_NL__2PRFIN20080128_103438_000000352065_00294_30909_1431.N1	28-JAN-2008 10:34:38	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	30909	No
164	GOM_NL__2PRFIN20080128_103645_000000362065_00294_30909_1432.N1	28-JAN-2008 10:36:45	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	30909	No
165	GOM_NL__2PRFIN20080128_104304_000000402065_00294_30909_1433.N1	28-JAN-2008 10:43:04	Twi_and_stray	40.000	86	35Eta Oph	2.4300	10200.	80	30909	No
166	GOM_NL__2PRFIN20080128_104711_000000542065_00294_30909_1434.N1	28-JAN-2008 10:47:11	Dark	53.500	16	21Alp Sco	1.0200	3000.0	107	30909	No
167	GOM_NL__2PRFIN20080128_104839_000000362065_00294_30909_1435.N1	28-JAN-2008 10:48:39	Dark	36.000	85	Kap Sco	2.4070	28000.	72	30909	No
168	GOM_NL__2PRFIN20080128_104947_000000402065_00294_30909_1436.N1	28-JAN-2008 10:49:47	Dark	40.000	40	The Sco	1.8590	7100.0	80	30909	No
169	GOM_NL__2PRFIN20080128_105141_000000362065_00294_30909_1437.N1	28-JAN-2008 10:51:41	Dark	36.000	147	Alp Ara	2.8770	26000.	72	30909	No
170	GOM_NL__2PRFIN20080128_105644_000000372065_00295_30910_1424.N1	28-JAN-2008 10:56:44	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	30910	No
171	GOM_NL__2PRFIN20080128_105817_000000412065_00295_30910_1425.N1	28-JAN-2008 10:58:17	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	30910	No
172	GOM_NL__2PRFIN20080128_110252_000000402065_00295_30910_1426.N1	28-JAN-2008 11:02:52	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	30910	No
173	GOM_NL__2PRFIN20080128_110641_000000372065_00295_30910_1427.N1	28-JAN-2008 11:06:41	Dark	36.500	29	Bet Car	1.6720	10200.	73	30910	No
174	GOM_NL__2PRFIN20080128_110857_000000392065_00295_30910_1428.N1	28-JAN-2008 11:08:57	Dark	39.000	71	lot Car	2.2460	7700.0	78	30910	No
175	GOM_NL__2PRFIN20080128_111044_000000402065_00295_30910_1429.N1	28-JAN-2008 11:10:44	Dark	39.500	46	Del Vel	1.9540	10600.	79	30910	No
176	GOM_NL__2PRFIN20080128_111318_000000392065_00295_30910_1430.N1	28-JAN-2008 11:13:18	Dark	38.500	34	Gam2Vel	1.7930	23000.	77	30910	No
177	GOM_NL__2PRFIN20080128_111524_000000392065_00295_30910_1431.N1	28-JAN-2008 11:15:24	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	30910	No
178	GOM_NL__2PRFIN20080128_111650_000000392065_00295_30910_1432.N1	28-JAN-2008 11:16:50	Straylight	39.000	117	Pi Pup	2.7060	3800.0	78	30910	No
179	GOM_NL__2PRFIN20080128_111917_000000402065_00295_30910_1433.N1	28-JAN-2008 11:19:17	Straylight	39.500	23	21Eps CMa	1.5020	26000.	79	30910	No
180	GOM_NL__2PRFIN20080128_112040_000000372065_00295_30910_1434.N1	28-JAN-2008 11:20:40	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	30910	No
181	GOM_NL__2PRFIN20080128_112249_000000442065_00295_30910_1435.N1	28-JAN-2008 11:22:49	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	30910	No
182	GOM_NL__2PRFIN20080128_112846_000000252065_00295_30910_1436.N1	28-JAN-2008 11:28:46	Twi_and_stray	25.000	8	10Alp CMi	0.40000	6500.0	50	30910	No
183	GOM_NL__2PRFIN20080128_112940_000000412065_00295_30910_1437.N1	28-JAN-2008 11:29:40	Twi_and_stray	40.500	153	3Bet CMi	2.8940	13100.	81	30910	No
184	GOM_NL__2PRFIN20080128_113205_000000382065_00295_30910_1438.N1	28-JAN-2008 11:32:05	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30910	No
185	GOM_NL__2PRFIN20080128_113353_000000372065_00295_30910_1439.N1	28-JAN-2008 11:33:53	Bright	37.000	151	13Mu Gem	2.8900	3000.0	74	30910	No
186	GOM_NL__2PRFIN20080128_113808_000000362065_00295_30910_1440.N1	28-JAN-2008 11:38:08	Bright	35.500	107	37The Aur	2.6490	11000.	71	30910	No
187	GOM_NL__2PRFIN20080128_114016_000000362065_00295_30910_1441.N1	28-JAN-2008 11:40:16	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30910	No
188	GOM_NL__2PRFIN20080128_115240_000000342065_00295_30910_1442.N1	28-JAN-2008 11:52:40	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	30910	No
189	GOM_NL__2PRFIN20080128_120340_000000382065_00295_30910_1443.N1	28-JAN-2008 12:03:40	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	30910	No
190	GOM_NL__2PRFIN20080128_120709_000000342065_00295_30910_1444.N1	28-JAN-2008 12:07:09	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30910	No
191	GOM_NL__2PRFIN20080128_121514_000000372065_00295_30910_1445.N1	28-JAN-2008 12:15:14	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	30910	No
192	GOM_NL__2PRFIN20080128_121721_000000532065_00295_30910_1446.N1	28-JAN-2008 12:17:21	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	30910	No
193	GOM_NL__2PRFIN20080128_122340_000000432065_00295_30910_1447.N1	28-JAN-2008 12:23:40	Twi_and_stray	43.000	86	35Eta Oph	2.4300	10200.	86	30910	No
194	GOM_NL__2PRFIN20080128_122748_000000572065_00295_30910_1448.N1	28-JAN-2008 12:27:48	Dark	57.000	16	21Alp Sco	1.0200	3000.0	114	30910	No
195	GOM_NL__2PRFIN20080128_122915_000000372065_00295_30910_1449.N1	28-JAN-2008 12:29:15	Dark	36.500	85	Kap Sco	2.4070	28000.	73	30910	No
196	GOM_NL__2PRFIN20080128_123023_000000412065_00295_30910_1450.N1	28-JAN-2008 12:30:23	Dark	41.000	40	The Sco	1.8590	7100.0	82	30910	No
197	GOM_NL__2PRFIN20080128_123217_000000372065_00295_30910_1451.N1	28-JAN-2008 12:32:17	Dark	36.500	147	Alp Ara	2.8770	26000.	73	30910	No
198	GOM_NL__2PRFIN20080128_123720_000000372065_00296_30911_1451.N1	28-JAN-2008 12:37:20	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	30911	No
199	GOM_NL__2PRFIN20080128_123853_000000422065_00296_30911_1452.N1	28-JAN-2008 12:38:53	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	30911	No
200	GOM_NL__2PRFIN20080128_124328_000000402065_00296_30911_1453.N1	28-JAN-2008 12:43:28	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	30911	No
201	GOM_NL__2PRFIN20080128_124717_000000392065_00296_30911_1454.N1	28-JAN-2008 12:47:17	Dark	39.000	29	Bet Car	1.6720	10200.	78	30911	No
202	GOM_NL__2PRFIN20080128_124933_000000402065_00296_30911_1455.N1	28-JAN-2008 12:49:33	Dark	39.500	71	lot Car	2.2460	7700.0	79	30911	No
203	GOM_NL__2PRFIN20080128_125120_000000412065_00296_30911_1456.N1	28-JAN-2008 12:51:20	Dark	41.000	46	Del Vel	1.9540	10600.	82	30911	No
204	GOM_NL__2PRFIN20080128_125354_000000432065_00296_30911_1457.N1	28-JAN-2008 12:53:54	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	30911	No
205	GOM_NL__2PRFIN20080128_125600_000000412065_00296_30911_1458.N1	28-JAN-2008 12:56:00	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	30911	No
206	GOM_NL__2PRFIN20080128_125726_000000402065_00296_30911_1459.N1	28-JAN-2008 12:57:26	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	30911	No
207	GOM_NL__2PRFIN20080128_125953_000000392065_00296_30911_1460.N1	28-JAN-2008 12:59:53	Straylight	38.500	23	21Eps CMa	1.5020	26000.	77	30911	No
208	GOM_NL__2PRFIN20080128_130116_000000362065_00296_30911_1461.N1	28-JAN-2008 13:01:16	Straylight	36.000	179	24Omi2CMa	3.0320	24000.	72	30911	No
209	GOM_NL__2PRFIN20080128_130325_000000482065_00296_30911_1462.N1	28-JAN-2008 13:03:25	Straylight	47.500	1	9Alp CMa	-1.4400	11000.	95	30911	No
210	GOM_NL__2PRFIN20080128_130922_000000252065_00296_30911_1463.N1	28-JAN-2008 13:09:22	Twi_and_stray	25.000	8	10Alp CMi	0.40000	6500.0	50	30911	No
211	GOM_NL__2PRFIN20080128_131015_000000402065_00296_30911_1464.N1	28-JAN-2008 13:10:15	Twi_and_stray	39.500	153	3Bet CMi	2.8940	13100.	79	30911	No
212	GOM_NL__2PRFIN20080128_131241_000000372065_00296_30911_1465.N1	28-JAN-2008 13:12:41	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	30911	No
213	GOM_NL__2PRFIN20080128_131429_000000392065_00296_30911_1466.N1	28-JAN-2008 13:14:29	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	30911	No
214	GOM_NL__2PRFIN20080128_131845_000000352065_00296_30911_1467.N1	28-JAN-2008 13:18:45	Bright	35.000	107	37The Aur	2.6490	11000.	70	30911	No
215	GOM_NL__2PRFIN20080128_132052_000000362065_00296_30911_1468.N1	28-JAN-2008 13:20:52	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30911	No
216	GOM_NL__2PRFIN20080128_133316_000000362065_00296_30911_1469.N1	28-JAN-2008 13:33:16	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30911	No
217	GOM_NL__2PRFIN20080128_134415_000000382065_00296_30911_1470.N1	28-JAN-2008 13:44:15	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	30911	No
218	GOM_NL__2PRFIN20080128_134745_000000372065_00296_30911_1471.N1	28-JAN-2008 13:47:45	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	30911	No
219	GOM_NL__2PRFIN20080128_135551_000000362065_00296_30911_1472.N1	28-JAN-2008 13:55:51	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	30911	No

220	GOM_NL__2PRFIN20080128_135758_000000532065_00296_30911_1473.N1	28-JAN-2008 13:57:58	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	30911	No
221	GOM_NL__2PRFIN20080128_140417_000000422065_00296_30911_1474.N1	28-JAN-2008 14:04:17	TwI_and_stray	41.500	86	35Eta Oph	2.4300	10200.	83	30911	No
222	GOM_NL__2PRFIN20080128_140824_000000562065_00296_30911_1475.N1	28-JAN-2008 14:08:24	Dark	55.500	16	21Alp Sco	1.0200	3000.0	111	30911	No
223	GOM_NL__2PRFIN20080128_140951_000000392065_00296_30911_1476.N1	28-JAN-2008 14:09:51	Dark	39.000	85	Kap Sco	2.4070	28000.	78	30911	No
224	GOM_NL__2PRFIN20080128_141059_000000412065_00296_30911_1477.N1	28-JAN-2008 14:10:59	Dark	40.500	40	The Sco	1.8590	7100.0	81	30911	No
225	GOM_NL__2PRFIN20080128_141254_000000372065_00296_30911_1478.N1	28-JAN-2008 14:12:54	Dark	36.500	147	Alp Ara	2.8770	26000.	73	30911	No
226	GOM_NL__2PRFIN20080128_141756_000000372065_00297_30912_1467.N1	28-JAN-2008 14:17:56	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	30912	No
227	GOM_NL__2PRFIN20080128_141929_000000412065_00297_30912_1468.N1	28-JAN-2008 14:19:29	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	30912	No
228	GOM_NL__2PRFIN20080128_142405_000000412065_00297_30912_1469.N1	28-JAN-2008 14:24:05	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	30912	No
229	GOM_NL__2PRFIN20080128_142753_000000382065_00297_30912_1470.N1	28-JAN-2008 14:27:53	Dark	38.000	29	Bet Car	1.6720	10200.	76	30912	No
230	GOM_NL__2PRFIN20080128_143009_000000402065_00297_30912_1471.N1	28-JAN-2008 14:30:09	Dark	39.500	71	lot Car	2.2460	7700.0	79	30912	No
231	GOM_NL__2PRFIN20080128_143156_000000372065_00297_30912_1472.N1	28-JAN-2008 14:31:56	Dark	37.000	46	Del Vel	1.9540	10600.	74	30912	No
232	GOM_NL__2PRFIN20080128_143430_000000432065_00297_30912_1473.N1	28-JAN-2008 14:34:30	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	30912	No
233	GOM_NL__2PRFIN20080128_143636_000000412065_00297_30912_1474.N1	28-JAN-2008 14:36:36	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	30912	No
234	GOM_NL__2PRFIN20080128_143802_000000412065_00297_30912_1475.N1	28-JAN-2008 14:38:02	Straylight	41.000	117	Pl Pup	2.7060	3800.0	82	30912	No
235	GOM_NL__2PRFIN20080128_144029_000000432065_00297_30912_1476.N1	28-JAN-2008 14:40:29	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	30912	No
236	GOM_NL__2PRFIN20080128_144152_000000382065_00297_30912_1477.N1	28-JAN-2008 14:41:52	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30912	No
237	GOM_NL__2PRFIN20080128_144401_000000462065_00297_30912_1478.N1	28-JAN-2008 14:44:01	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	30912	No
238	GOM_NL__2PRFIN20080128_144958_000000362065_00297_30912_1479.N1	28-JAN-2008 14:49:58	TwI_and_stray	36.000	8	10Alp CMi	0.40000	6500.0	72	30912	No
239	GOM_NL__2PRFIN20080128_145317_000000372065_00297_30912_1480.N1	28-JAN-2008 14:53:17	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	30912	No
240	GOM_NL__2PRFIN20080128_145505_000000392065_00297_30912_1481.N1	28-JAN-2008 14:55:05	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	30912	No
241	GOM_NL__2PRFIN20080128_145921_000000362065_00297_30912_1482.N1	28-JAN-2008 14:59:21	Bright	36.000	107	37The Aur	2.6490	11000.	72	30912	No
242	GOM_NL__2PRFIN20080128_150128_000000352065_00297_30912_1483.N1	28-JAN-2008 15:01:28	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	30912	No
243	GOM_NL__2PRFIN20080128_151352_000000352065_00297_30912_1484.N1	28-JAN-2008 15:13:52	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	30912	No
244	GOM_NL__2PRFIN20080128_152452_000000372065_00297_30912_1485.N1	28-JAN-2008 15:24:52	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	30912	No
245	GOM_NL__2PRFIN20080128_152821_000000342065_00297_30912_1486.N1	28-JAN-2008 15:28:21	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30912	No
246	GOM_NL__2PRFIN20080128_153834_000000362065_00297_30912_1487.N1	28-JAN-2008 15:38:34	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	30912	No
247	GOM_NL__2PRFIN20080128_154453_000000422065_00297_30912_1488.N1	28-JAN-2008 15:44:53	TwI_and_stray	42.000	86	35Eta Oph	2.4300	10200.	84	30912	No
248	GOM_NL__2PRFIN20080128_154901_000000562065_00297_30912_1489.N1	28-JAN-2008 15:49:01	Dark	55.500	16	21Alp Sco	1.0200	3000.0	111	30912	No
249	GOM_NL__2PRFIN20080128_155028_000000372065_00297_30912_1490.N1	28-JAN-2008 15:50:28	Dark	36.500	85	Kap Sco	2.4070	28000.	73	30912	No
250	GOM_NL__2PRFIN20080128_155136_000000382065_00297_30912_1491.N1	28-JAN-2008 15:51:36	Dark	37.500	40	The Sco	1.8590	7100.0	75	30912	No
251	GOM_NL__2PRFIN20080128_155330_000000372065_00297_30912_1492.N1	28-JAN-2008 15:53:30	Dark	36.500	147	Alp Ara	2.8770	26000.	73	30912	No
252	GOM_NL__2PRFIN20080128_155832_000000382065_00298_30913_1482.N1	28-JAN-2008 15:58:32	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	30913	No
253	GOM_NL__2PRFIN20080128_160006_000000432065_00298_30913_1483.N1	28-JAN-2008 16:00:06	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	30913	No
254	GOM_NL__2PRFIN20080128_160441_000000422065_00298_30913_1484.N1	28-JAN-2008 16:04:41	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	30913	No
255	GOM_NL__2PRFIN20080128_160829_000000382065_00298_30913_1485.N1	28-JAN-2008 16:08:29	Dark	38.000	29	Bet Car	1.6720	10200.	76	30913	No
256	GOM_NL__2PRFIN20080128_161046_000000392065_00298_30913_1486.N1	28-JAN-2008 16:10:46	Dark	38.500	71	lot Car	2.2460	7700.0	77	30913	No
257	GOM_NL__2PRFIN20080128_161233_000000392065_00298_30913_1487.N1	28-JAN-2008 16:12:33	Dark	38.500	46	Del Vel	1.9540	10600.	77	30913	No
258	GOM_NL__2PRFIN20080128_161506_000000432065_00298_30913_1488.N1	28-JAN-2008 16:15:06	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	30913	No
259	GOM_NL__2PRFIN20080128_161712_000000412065_00298_30913_1489.N1	28-JAN-2008 16:17:12	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	30913	No
260	GOM_NL__2PRFIN20080128_161838_000000432065_00298_30913_1490.N1	28-JAN-2008 16:18:38	Straylight	42.500	117	Pl Pup	2.7060	3800.0	85	30913	No
261	GOM_NL__2PRFIN20080128_162105_000000422065_00298_30913_1491.N1	28-JAN-2008 16:21:05	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	30913	No
262	GOM_NL__2PRFIN20080128_162228_000000382065_00298_30913_1492.N1	28-JAN-2008 16:22:28	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30913	No
263	GOM_NL__2PRFIN20080128_162437_000000462065_00298_30913_1493.N1	28-JAN-2008 16:24:37	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	30913	No
264	GOM_NL__2PRFIN20080128_163034_000000362065_00298_30913_1494.N1	28-JAN-2008 16:30:34	TwI_and_stray	36.000	8	10Alp CMi	0.40000	6500.0	72	30913	No
265	GOM_NL__2PRFIN20080128_163353_000000402065_00298_30913_1495.N1	28-JAN-2008 16:33:53	Bright	40.000	44	24Gam Gem	1.9280	11000.	80	30913	No
266	GOM_NL__2PRFIN20080128_163541_000000402065_00298_30913_1496.N1	28-JAN-2008 16:35:41	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	30913	No
267	GOM_NL__2PRFIN20080128_163957_000000352065_00298_30913_1497.N1	28-JAN-2008 16:39:57	Bright	35.000	107	37The Aur	2.6490	11000.	70	30913	No
268	GOM_NL__2PRFIN20080128_164204_000000342065_00298_30913_1498.N1	28-JAN-2008 16:42:04	Bright	34.000	42	34Bet Aur	1.9000	10200.	68	30913	No
269	GOM_NL__2PRFIN20080128_165428_000000372065_00298_30913_1499.N1	28-JAN-2008 16:54:28	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30913	No
270	GOM_NL__2PRFIN20080128_170527_000000372065_00298_30913_1500.N1	28-JAN-2008 17:05:27	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30913	No
271	GOM_NL__2PRFIN20080128_170858_000000362065_00298_30913_1501.N1	28-JAN-2008 17:08:58	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	30913	No
272	GOM_NL__2PRFIN20080128_171703_000000352065_00298_30913_1502.N1	28-JAN-2008 17:17:03	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	30913	No
273	GOM_NL__2PRFIN20080128_171910_000000432065_00298_30913_1503.N1	28-JAN-2008 17:19:10	Bright	42.500	126	60Bet Oph	2.7700	4250.0	85	30913	No
274	GOM_NL__2PRFIN20080128_172529_000000432065_00298_30913_1504.N1	28-JAN-2008 17:25:29	TwI_and_stray	43.000	86	35Eta Oph	2.4300	10200.	86	30913	No
275	GOM_NL__2PRFIN20080128_172938_000000482065_00298_30913_1505.N1	28-JAN-2008 17:29:38	Dark	47.500	16	21Alp Sco	1.0200	3000.0	95	30913	No
276	GOM_NL__2PRFIN20080128_173104_000000392065_00298_30913_1506.N1	28-JAN-2008 17:31:04	Dark	38.500	85	Kap Sco	2.4070	28000.	77	30913	No
277	GOM_NL__2PRFIN20080128_173212_000000412065_00298_30913_1507.N1	28-JAN-2008 17:32:12	Dark	41.000	40	The Sco	1.8590	7100.0	82	30913	No
278	GOM_NL__2PRFIN20080128_173406_000000402065_00298_30913_1508.N1	28-JAN-2008 17:34:06	Dark	40.000	147	Alp Ara	2.8770	26000.	80	30913	No

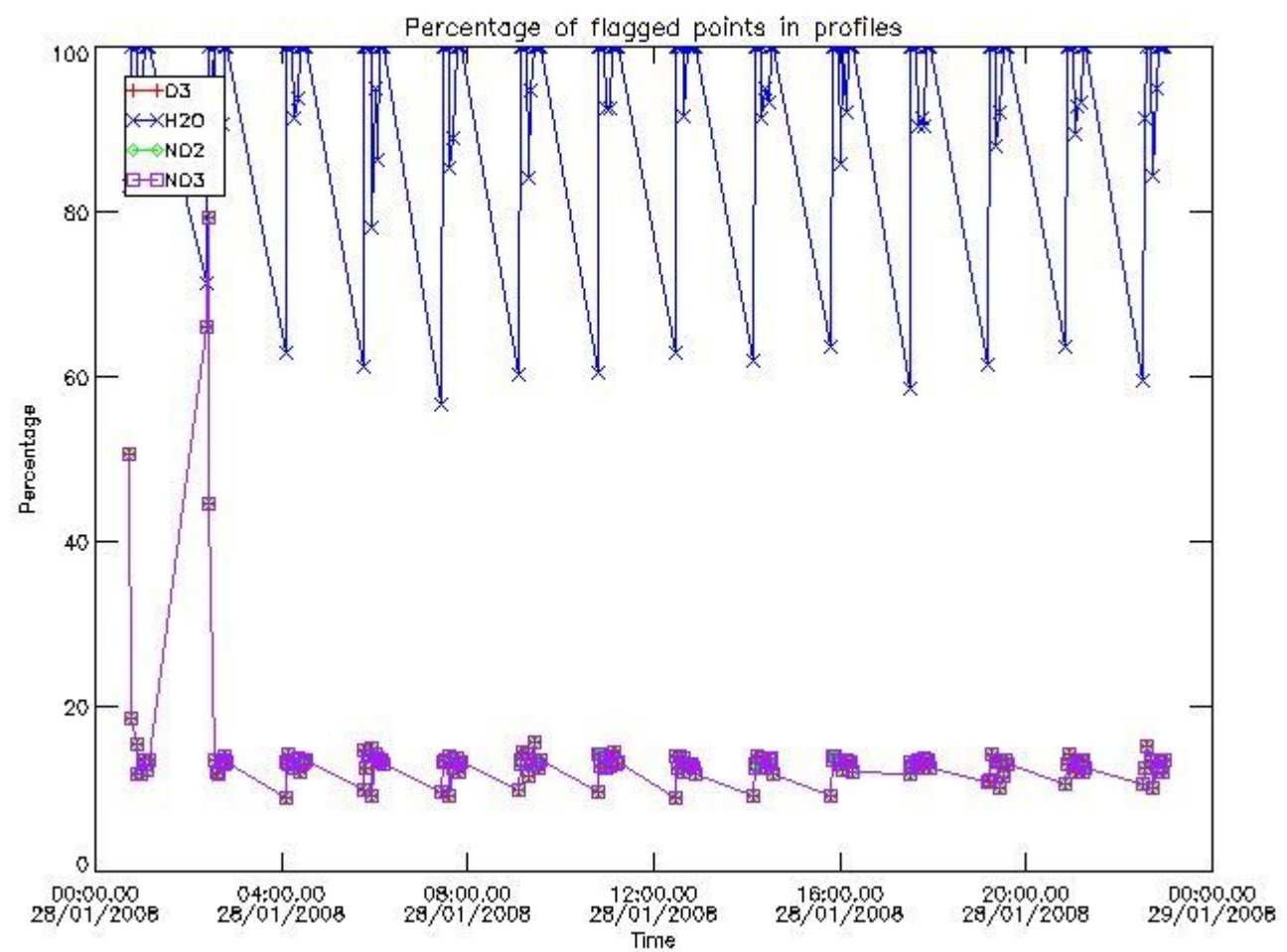
279	GOM_NL__2PRFIN20080128_173909_000000402065_00299_30914_1501.N1	28-JAN-2008 17:39:09	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	30914	No
280	GOM_NL__2PRFIN20080128_174042_000000422065_00299_30914_1502.N1	28-JAN-2008 17:40:42	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	30914	No
281	GOM_NL__2PRFIN20080128_174518_000000412065_00299_30914_1503.N1	28-JAN-2008 17:45:18	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	30914	No
282	GOM_NL__2PRFIN20080128_174906_000000372065_00299_30914_1504.N1	28-JAN-2008 17:49:06	Dark	37.000	29	Bet Car	1.6720	10200.	74	30914	No
283	GOM_NL__2PRFIN20080128_175122_000000382065_00299_30914_1505.N1	28-JAN-2008 17:51:22	Dark	37.500	71	lot Car	2.2460	7700.0	75	30914	No
284	GOM_NL__2PRFIN20080128_175309_000000382065_00299_30914_1506.N1	28-JAN-2008 17:53:09	Dark	37.500	46	Del Vel	1.9540	10600.	75	30914	No
285	GOM_NL__2PRFIN20080128_175543_000000412065_00299_30914_1507.N1	28-JAN-2008 17:55:43	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	30914	No
286	GOM_NL__2PRFIN20080128_175749_000000402065_00299_30914_1508.N1	28-JAN-2008 17:57:49	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	30914	No
287	GOM_NL__2PRFIN20080128_175914_000000422065_00299_30914_1509.N1	28-JAN-2008 17:59:14	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	30914	No
288	GOM_NL__2PRFIN20080128_180141_000000422065_00299_30914_1510.N1	28-JAN-2008 18:01:41	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30914	No
289	GOM_NL__2PRFIN20080128_180304_000000402065_00299_30914_1511.N1	28-JAN-2008 18:03:04	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	30914	No
290	GOM_NL__2PRFIN20080128_180513_000000452065_00299_30914_1512.N1	28-JAN-2008 18:05:13	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	30914	No
291	GOM_NL__2PRFIN20080128_181110_000000472065_00299_30914_1513.N1	28-JAN-2008 18:11:10	Twilight_stray	47.000	8	10Alp CMi	0.40000	6500.0	94	30914	No
292	GOM_NL__2PRFIN20080128_181429_000000392065_00299_30914_1514.N1	28-JAN-2008 18:14:29	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	30914	No
293	GOM_NL__2PRFIN20080128_181617_000000402065_00299_30914_1515.N1	28-JAN-2008 18:16:17	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	30914	No
294	GOM_NL__2PRFIN20080128_182033_000000362065_00299_30914_1516.N1	28-JAN-2008 18:20:33	Bright	36.000	107	37The Aur	2.6490	11000.	72	30914	No
295	GOM_NL__2PRFIN20080128_182240_000000352065_00299_30914_1517.N1	28-JAN-2008 18:22:40	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	30914	No
296	GOM_NL__2PRFIN20080128_183504_000000352065_00299_30914_1518.N1	28-JAN-2008 18:35:04	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30914	No
297	GOM_NL__2PRFIN20080128_184604_000000382065_00299_30914_1519.N1	28-JAN-2008 18:46:04	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	30914	No
298	GOM_NL__2PRFIN20080128_184934_000000352065_00299_30914_1520.N1	28-JAN-2008 18:49:34	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	30914	No
299	GOM_NL__2PRFIN20080128_185739_000000352065_00299_30914_1521.N1	28-JAN-2008 18:57:39	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	30914	No
300	GOM_NL__2PRFIN20080128_185946_000000532065_00299_30914_1522.N1	28-JAN-2008 18:59:46	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	30914	No
301	GOM_NL__2PRFIN20080128_190606_000000442065_00299_30914_1523.N1	28-JAN-2008 19:06:06	Twilight_stray	43.500	86	35Eta Oph	2.4300	10200.	87	30914	No
302	GOM_NL__2PRFIN20080128_191014_000000472065_00299_30914_1524.N1	28-JAN-2008 19:10:14	Dark	47.000	16	21Alp Sco	1.0200	3000.0	94	30914	No
303	GOM_NL__2PRFIN20080128_191248_000000462065_00299_30914_1525.N1	28-JAN-2008 19:12:48	Dark	45.500	40	The Sco	1.8590	7100.0	91	30914	No
304	GOM_NL__2PRFIN20080128_191442_000000362065_00299_30914_1526.N1	28-JAN-2008 19:14:42	Dark	36.000	147	Alp Ara	2.8770	26000.	72	30914	No
305	GOM_NL__2PRFIN20080128_191945_000000382065_00300_30915_1508.N1	28-JAN-2008 19:19:45	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	30915	No
306	GOM_NL__2PRFIN20080128_192119_000000422065_00300_30915_1509.N1	28-JAN-2008 19:21:19	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	30915	No
307	GOM_NL__2PRFIN20080128_192554_000000512065_00300_30915_1510.N1	28-JAN-2008 19:25:54	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	30915	No
308	GOM_NL__2PRFIN20080128_192942_000000422065_00300_30915_1511.N1	28-JAN-2008 19:29:42	Dark	42.000	29	Bet Car	1.6720	10200.	84	30915	No
309	GOM_NL__2PRFIN20080128_193158_000000442065_00300_30915_1512.N1	28-JAN-2008 19:31:58	Dark	44.000	71	lot Car	2.2460	7700.0	88	30915	No
310	GOM_NL__2PRFIN20080128_193345_000000382065_00300_30915_1513.N1	28-JAN-2008 19:33:45	Dark	37.500	46	Del Vel	1.9540	10600.	75	30915	No
311	GOM_NL__2PRFIN20080128_193619_000000392065_00300_30915_1514.N1	28-JAN-2008 19:36:19	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	30915	No
312	GOM_NL__2PRFIN20080128_193825_000000412065_00300_30915_1515.N1	28-JAN-2008 19:38:25	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	30915	No
313	GOM_NL__2PRFIN20080128_193950_000000412065_00300_30915_1516.N1	28-JAN-2008 19:39:50	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	30915	No
314	GOM_NL__2PRFIN20080128_194217_000000412065_00300_30915_1517.N1	28-JAN-2008 19:42:17	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30915	No
315	GOM_NL__2PRFIN20080128_194340_000000382065_00300_30915_1518.N1	28-JAN-2008 19:43:40	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30915	No
316	GOM_NL__2PRFIN20080128_194549_000000472065_00300_30915_1519.N1	28-JAN-2008 19:45:49	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	30915	No
317	GOM_NL__2PRFIN20080128_195146_000000472065_00300_30915_1520.N1	28-JAN-2008 19:51:46	Twilight_stray	47.000	8	10Alp CMi	0.40000	6500.0	94	30915	No
318	GOM_NL__2PRFIN20080128_195505_000000362065_00300_30915_1521.N1	28-JAN-2008 19:55:05	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	30915	No
319	GOM_NL__2PRFIN20080128_195653_000000392065_00300_30915_1522.N1	28-JAN-2008 19:56:53	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	30915	No
320	GOM_NL__2PRFIN20080128_200109_000000352065_00300_30915_1523.N1	28-JAN-2008 20:01:09	Bright	35.000	107	37The Aur	2.6490	11000.	70	30915	No
321	GOM_NL__2PRFIN20080128_200316_000000362065_00300_30915_1524.N1	28-JAN-2008 20:03:16	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30915	No
322	GOM_NL__2PRFIN20080128_201540_000000352065_00300_30915_1525.N1	28-JAN-2008 20:15:40	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30915	No
323	GOM_NL__2PRFIN20080128_202640_000000382065_00300_30915_1526.N1	28-JAN-2008 20:26:40	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	30915	No
324	GOM_NL__2PRFIN20080128_203010_000000342065_00300_30915_1527.N1	28-JAN-2008 20:30:10	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	30915	No
325	GOM_NL__2PRFIN20080128_203816_000000362065_00300_30915_1528.N1	28-JAN-2008 20:38:16	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	30915	No
326	GOM_NL__2PRFIN20080128_204022_000000532065_00300_30915_1529.N1	28-JAN-2008 20:40:22	Bright	52.500	126	60Bet Oph	2.7700	4250.0	105	30915	No
327	GOM_NL__2PRFIN20080128_204642_000000432065_00300_30915_1530.N1	28-JAN-2008 20:46:42	Twilight_stray	42.500	86	35Eta Oph	2.4300	10200.	85	30915	No
328	GOM_NL__2PRFIN20080128_205050_000000582065_00300_30915_1531.N1	28-JAN-2008 20:50:50	Dark	58.000	16	21Alp Sco	1.0200	3000.0	116	30915	No
329	GOM_NL__2PRFIN20080128_205324_000000402065_00300_30915_1532.N1	28-JAN-2008 20:53:24	Dark	39.500	40	The Sco	1.8590	7100.0	79	30915	No
330	GOM_NL__2PRFIN20080128_205518_000000362065_00300_30915_1533.N1	28-JAN-2008 20:55:18	Dark	36.000	147	Alp Ara	2.8770	26000.	72	30915	No
331	GOM_NL__2PRFIN20080128_210021_000000402065_00301_30916_1528.N1	28-JAN-2008 21:00:21	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	30916	No
332	GOM_NL__2PRFIN20080128_210155_000000432065_00301_30916_1529.N1	28-JAN-2008 21:01:55	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	30916	No
333	GOM_NL__2PRFIN20080128_210631_000000422065_00301_30916_1530.N1	28-JAN-2008 21:06:31	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	30916	No
334	GOM_NL__2PRFIN20080128_211018_000000382065_00301_30916_1531.N1	28-JAN-2008 21:10:18	Dark	37.500	29	Bet Car	1.6720	10200.	75	30916	No
335	GOM_NL__2PRFIN20080128_211235_000000382065_00301_30916_1532.N1	28-JAN-2008 21:12:35	Dark	38.000	71	lot Car	2.2460	7700.0	76	30916	No
336	GOM_NL__2PRFIN20080128_211421_000000432065_00301_30916_1533.N1	28-JAN-2008 21:14:21	Dark	42.500	46	Del Vel	1.9540	10600.	85	30916	No
337	GOM_NL__2PRFIN20080128_211655_000000412065_00301_30916_1534.N1	28-JAN-2008 21:16:55	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	30916	No

338	GOM_NL__2PRFIN20080128_211901_000000402065_00301_30916_1535.N1	28-JAN-2008 21:19:01	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	30916	No
339	GOM_NL__2PRFIN20080128_212027_000000422065_00301_30916_1536.N1	28-JAN-2008 21:20:27	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	30916	No
340	GOM_NL__2PRFIN20080128_212253_000000402065_00301_30916_1537.N1	28-JAN-2008 21:22:53	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	30916	No
341	GOM_NL__2PRFIN20080128_212416_000000382065_00301_30916_1538.N1	28-JAN-2008 21:24:16	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30916	No
342	GOM_NL__2PRFIN20080128_212625_000000462065_00301_30916_1539.N1	28-JAN-2008 21:26:25	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	30916	No
343	GOM_NL__2PRFIN20080128_213222_000000502065_00301_30916_1540.N1	28-JAN-2008 21:32:22	Tw_i_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	30916	No
344	GOM_NL__2PRFIN20080128_213541_000000392065_00301_30916_1541.N1	28-JAN-2008 21:35:41	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	30916	No
345	GOM_NL__2PRFIN20080128_213729_000000392065_00301_30916_1542.N1	28-JAN-2008 21:37:29	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	30916	No
346	GOM_NL__2PRFIN20080128_214145_000000352065_00301_30916_1543.N1	28-JAN-2008 21:41:45	Bright	34.500	107	37The Aur	2.6490	11000.	69	30916	No
347	GOM_NL__2PRFIN20080128_214352_000000362065_00301_30916_1544.N1	28-JAN-2008 21:43:52	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30916	No
348	GOM_NL__2PRFIN20080128_215616_000000362065_00301_30916_1545.N1	28-JAN-2008 21:56:16	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30916	No
349	GOM_NL__2PRFIN20080128_220715_000000382065_00301_30916_1546.N1	28-JAN-2008 22:07:15	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	30916	No
350	GOM_NL__2PRFIN20080128_221046_000000342065_00301_30916_1547.N1	28-JAN-2008 22:10:46	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30916	No
351	GOM_NL__2PRFIN20080128_221852_000000542065_00301_30916_1548.N1	28-JAN-2008 22:18:52	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	30916	No
352	GOM_NL__2PRFIN20080128_222059_000000352065_00301_30916_1549.N1	28-JAN-2008 22:20:59	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	30916	No
353	GOM_NL__2PRFIN20080128_222718_000000432065_00301_30916_1550.N1	28-JAN-2008 22:27:18	Tw_i_and_stray	43.000	86	35Eta Oph	2.4300	10200.	86	30916	No
354	GOM_NL__2PRFIN20080128_223127_000000492065_00301_30916_1551.N1	28-JAN-2008 22:31:27	Dark	48.500	16	21Alp Sco	1.0200	3000.0	97	30916	No
355	GOM_NL__2PRFIN20080128_223400_000000412065_00301_30916_1552.N1	28-JAN-2008 22:34:00	Dark	40.500	40	The Sco	1.8590	7100.0	81	30916	No
356	GOM_NL__2PRFIN20080128_223554_000000372065_00301_30916_1553.N1	28-JAN-2008 22:35:54	Dark	37.000	147	Alp Ara	2.8770	26000.	74	30916	No
357	GOM_NL__2PRFIN20080128_224057_000000382065_00302_30917_1542.N1	28-JAN-2008 22:40:57	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	30917	No
358	GOM_NL__2PRFIN20080128_224232_000000552065_00302_30917_1543.N1	28-JAN-2008 22:42:32	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	30917	No
359	GOM_NL__2PRFIN20080128_224707_000000402065_00302_30917_1544.N1	28-JAN-2008 22:47:07	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	30917	No
360	GOM_NL__2PRFIN20080128_225054_000000412065_00302_30917_1545.N1	28-JAN-2008 22:50:54	Dark	41.000	29	Bet Car	1.6720	10200.	82	30917	No
361	GOM_NL__2PRFIN20080128_225311_000000432065_00302_30917_1546.N1	28-JAN-2008 22:53:11	Dark	42.500	71	lot Car	2.2460	7700.0	85	30917	No
362	GOM_NL__2PRFIN20080128_225457_000000432065_00302_30917_1547.N1	28-JAN-2008 22:54:57	Dark	42.500	46	Del Vel	1.9540	10600.	85	30917	No
363	GOM_NL__2PRFIN20080128_225731_000000422065_00302_30917_1548.N1	28-JAN-2008 22:57:31	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	30917	No
364	GOM_NL__2PRFIN20080128_225937_000000402065_00302_30917_1549.N1	28-JAN-2008 22:59:37	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	30917	No
365	GOM_NL__2PRFIN20080128_230103_000000412065_00302_30917_1550.N1	28-JAN-2008 23:01:03	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	30917	No
366	GOM_NL__2PRFIN20080128_230329_000000422065_00302_30917_1551.N1	28-JAN-2008 23:03:29	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30917	No
367	GOM_NL__2PRFIN20080128_230452_000000372065_00302_30917_1552.N1	28-JAN-2008 23:04:52	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	30917	No
368	GOM_NL__2PRFIN20080128_230701_000000502065_00302_30917_1553.N1	28-JAN-2008 23:07:01	Straylight	49.500	1	9Alp CMa	-1.4400	11000.	99	30917	No
369	GOM_NL__2PRFIN20080128_231258_000000472065_00302_30917_1554.N1	28-JAN-2008 23:12:58	Tw_i_and_stray	46.500	8	10Alp CMi	0.40000	6500.0	93	30917	No
370	GOM_NL__2PRFIN20080128_231617_000000392065_00302_30917_1555.N1	28-JAN-2008 23:16:17	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	30917	No
371	GOM_NL__2PRFIN20080128_231805_000000382065_00302_30917_1556.N1	28-JAN-2008 23:18:05	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	30917	No
372	GOM_NL__2PRFIN20080128_232221_000000352065_00302_30917_1557.N1	28-JAN-2008 23:22:21	Bright	35.000	107	37The Aur	2.6490	11000.	70	30917	No
373	GOM_NL__2PRFIN20080128_232428_000000362065_00302_30917_1558.N1	28-JAN-2008 23:24:28	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30917	No
374	GOM_NL__2PRFIN20080128_233652_000000342065_00302_30917_1559.N1	28-JAN-2008 23:36:52	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	30917	No
375	GOM_NL__2PRFIN20080128_234751_000000382065_00302_30917_1560.N1	28-JAN-2008 23:47:51	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	30917	No
376	GOM_NL__2PRFIN20080128_235122_000000352065_00302_30917_1561.N1	28-JAN-2008 23:51:22	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	30917	No
377	GOM_NL__2PRFIN20080128_235928_000000362065_00302_30917_1562.N1	28-JAN-2008 23:59:28	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	30917	No

3. Quality information per product

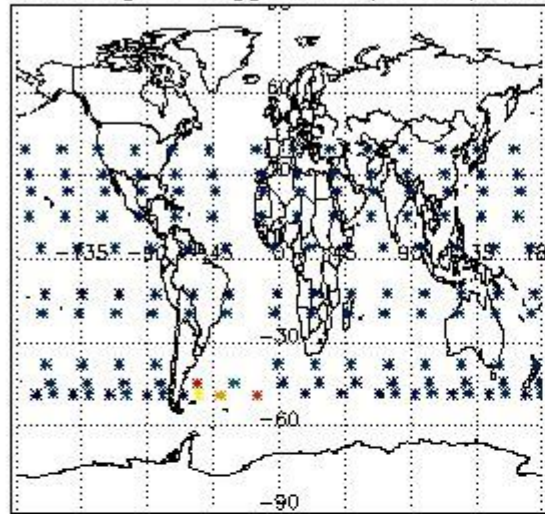
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

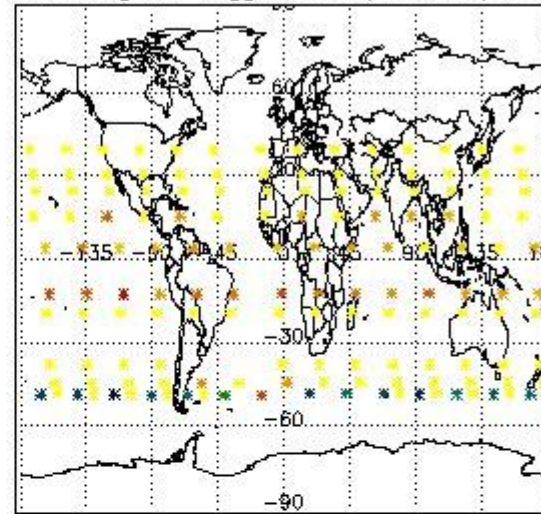


3.2 Plot quality information per product (world map)

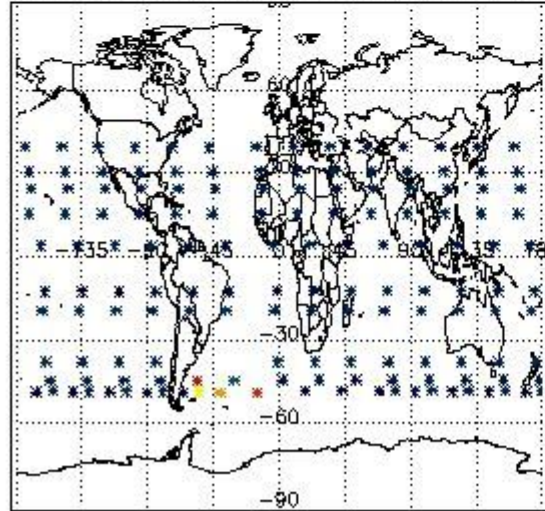
Percentage of flagged data per O3 profile



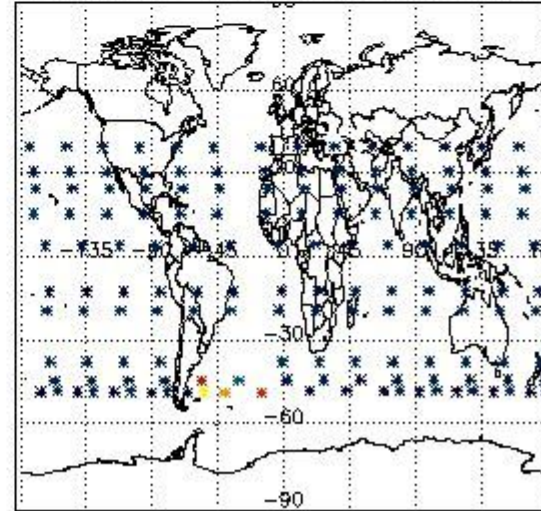
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

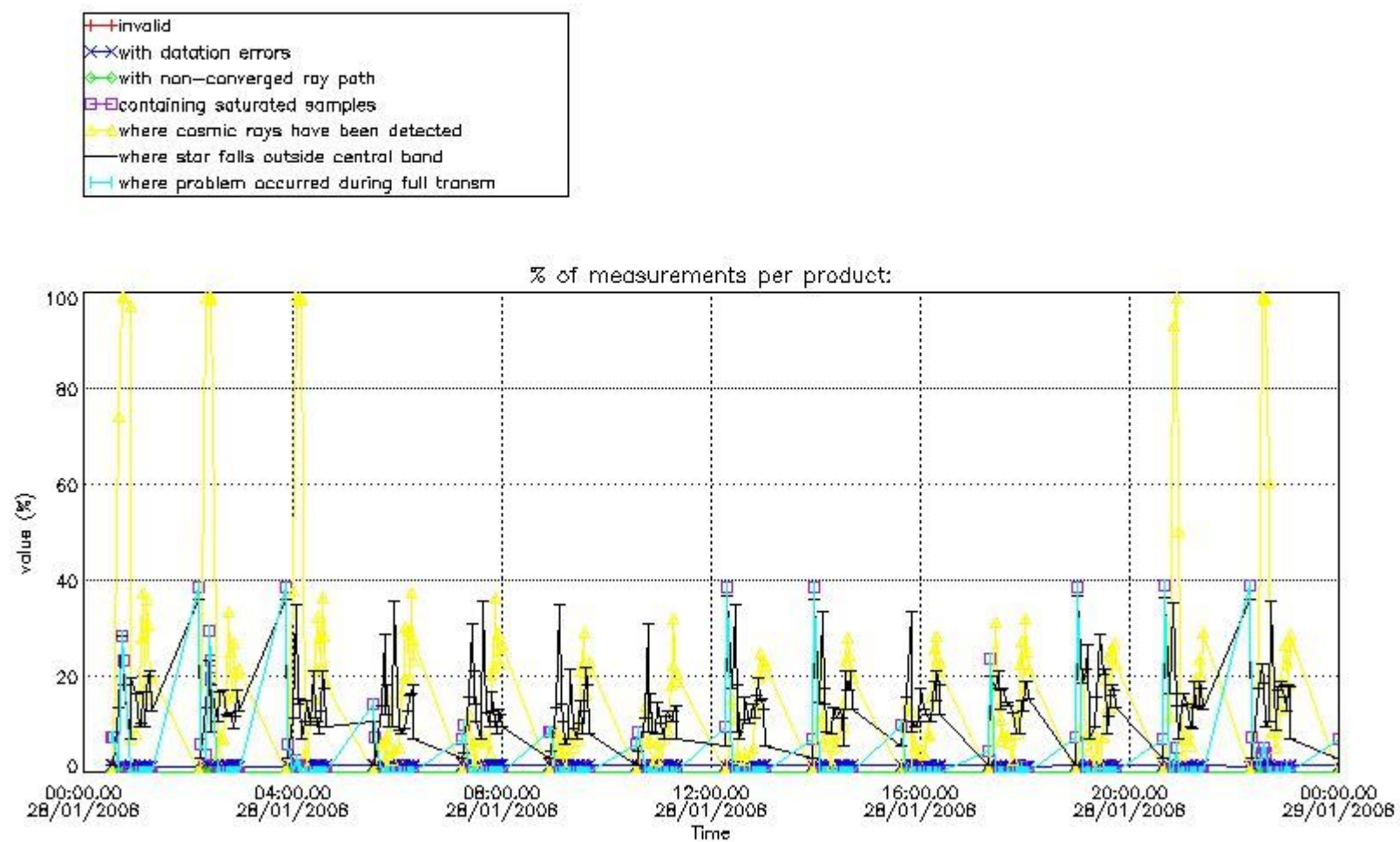


4. Level 1 quality information per product

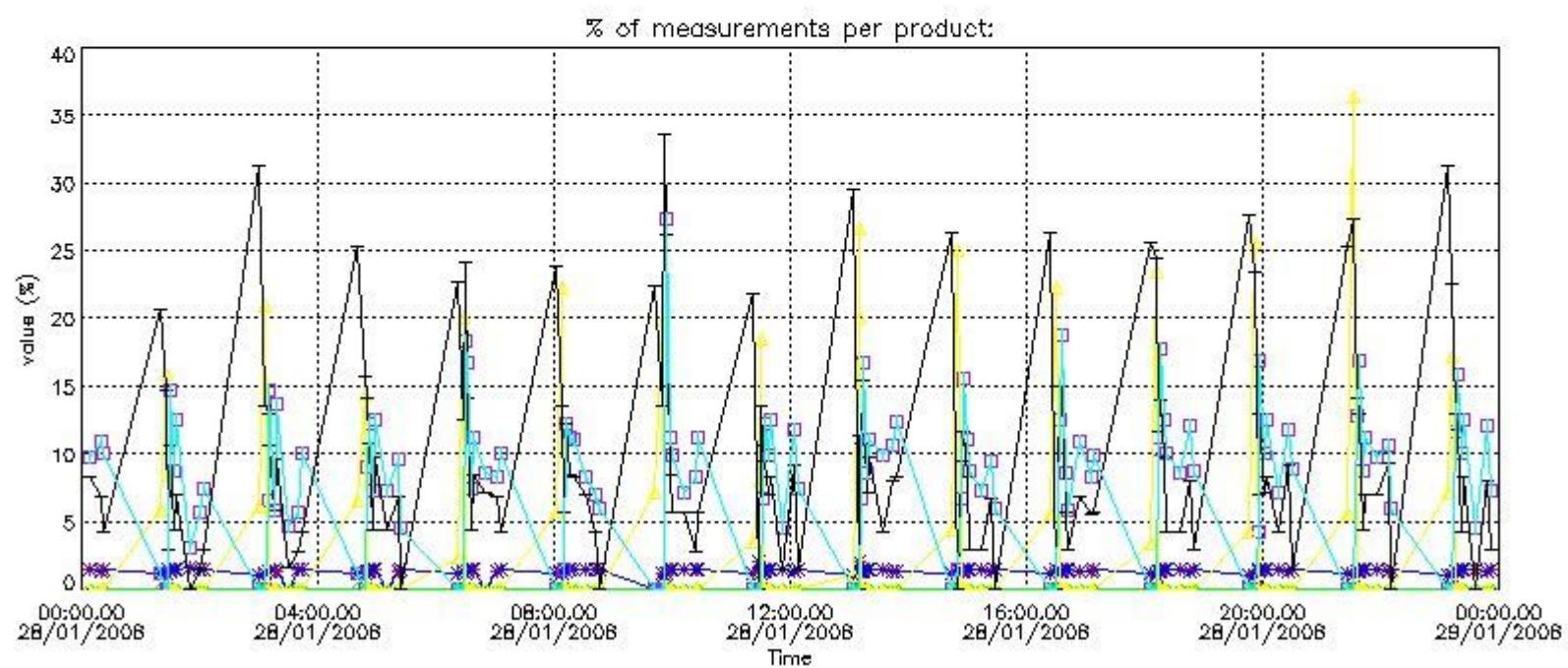
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

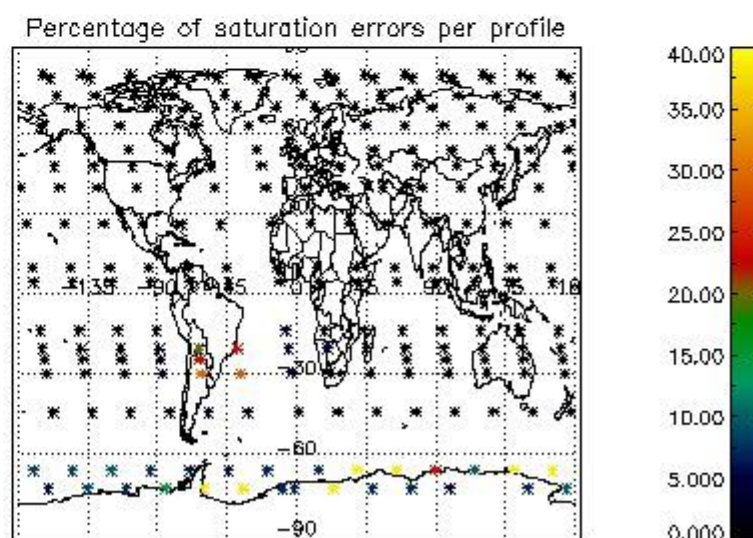
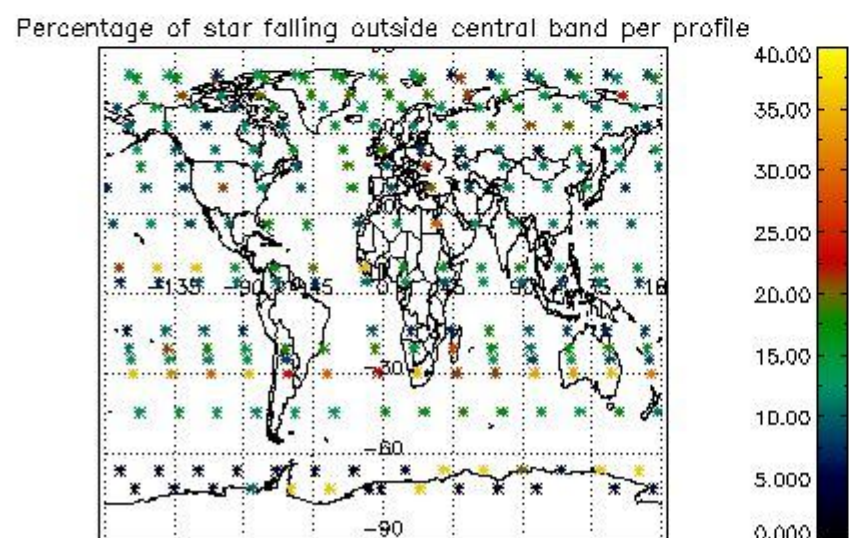
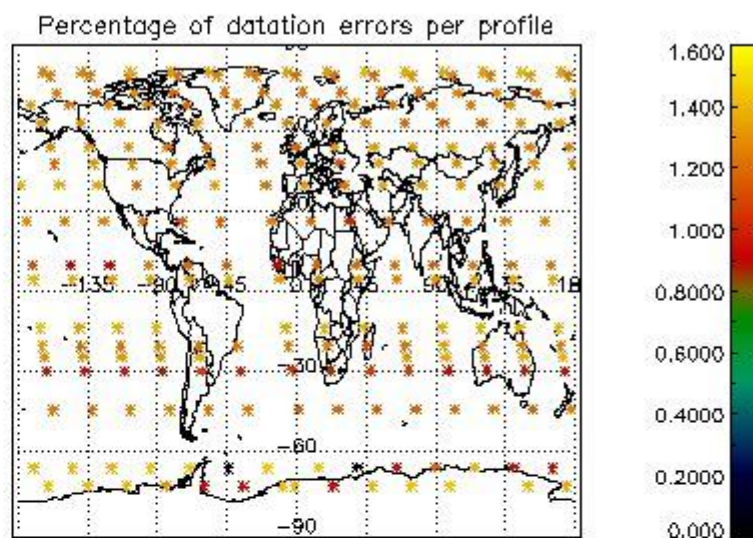
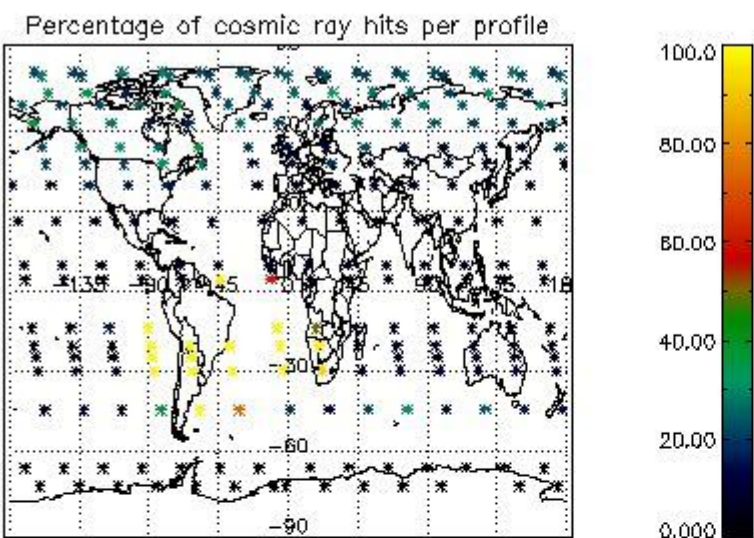


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

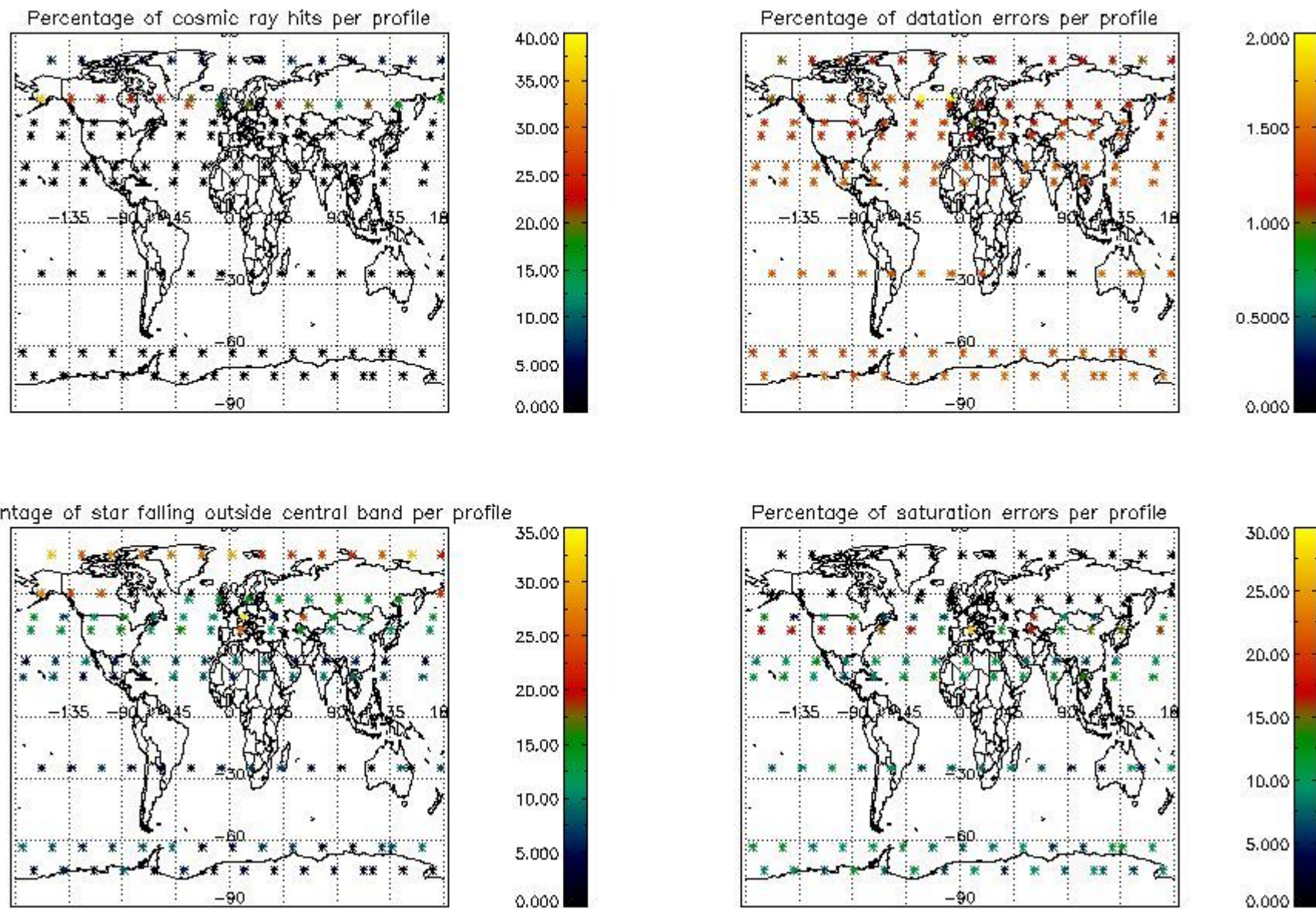


4.2 Plot quality information per product coming from level 1b processing (world map)

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

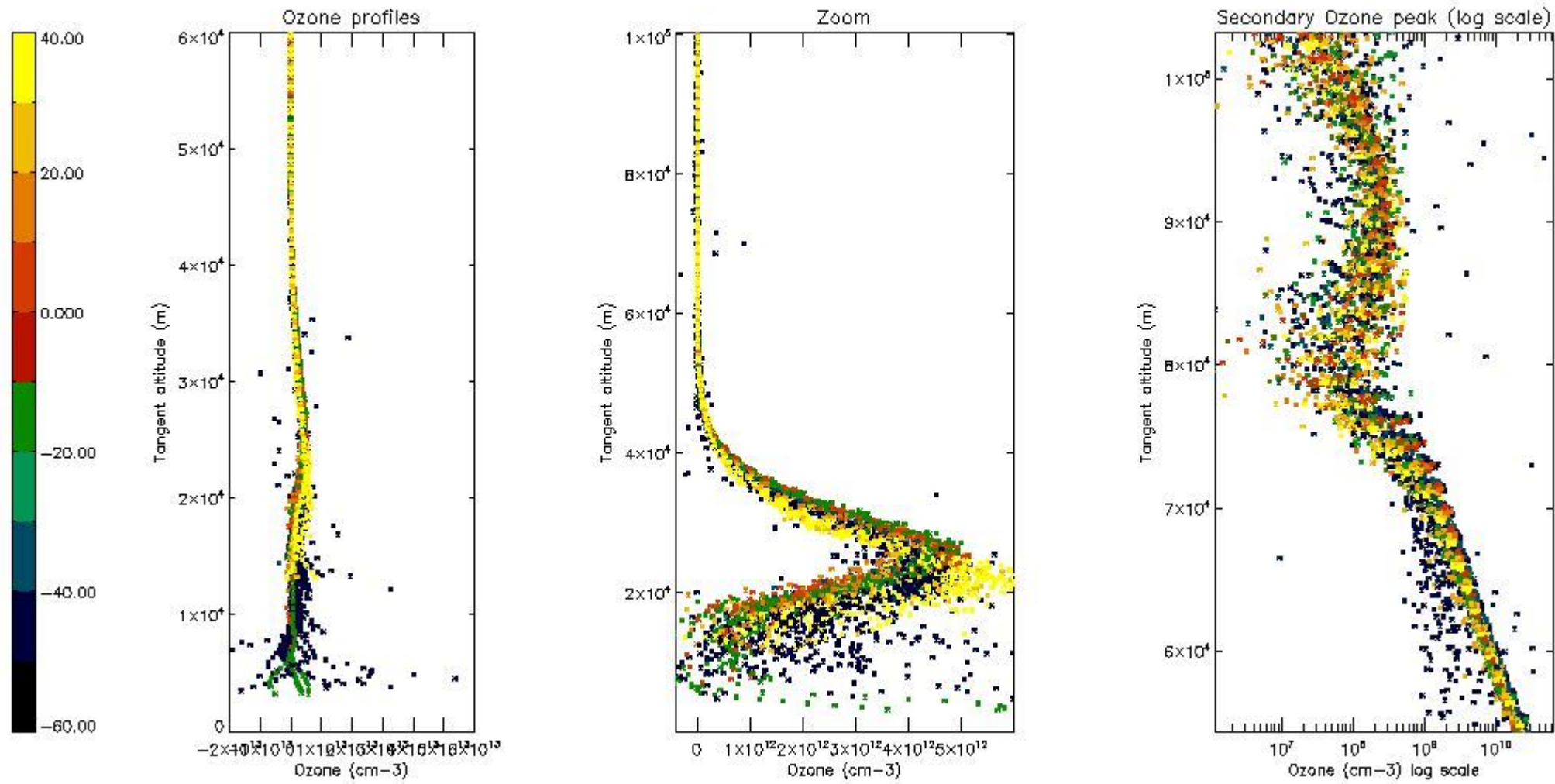
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	18
STD < 5	11

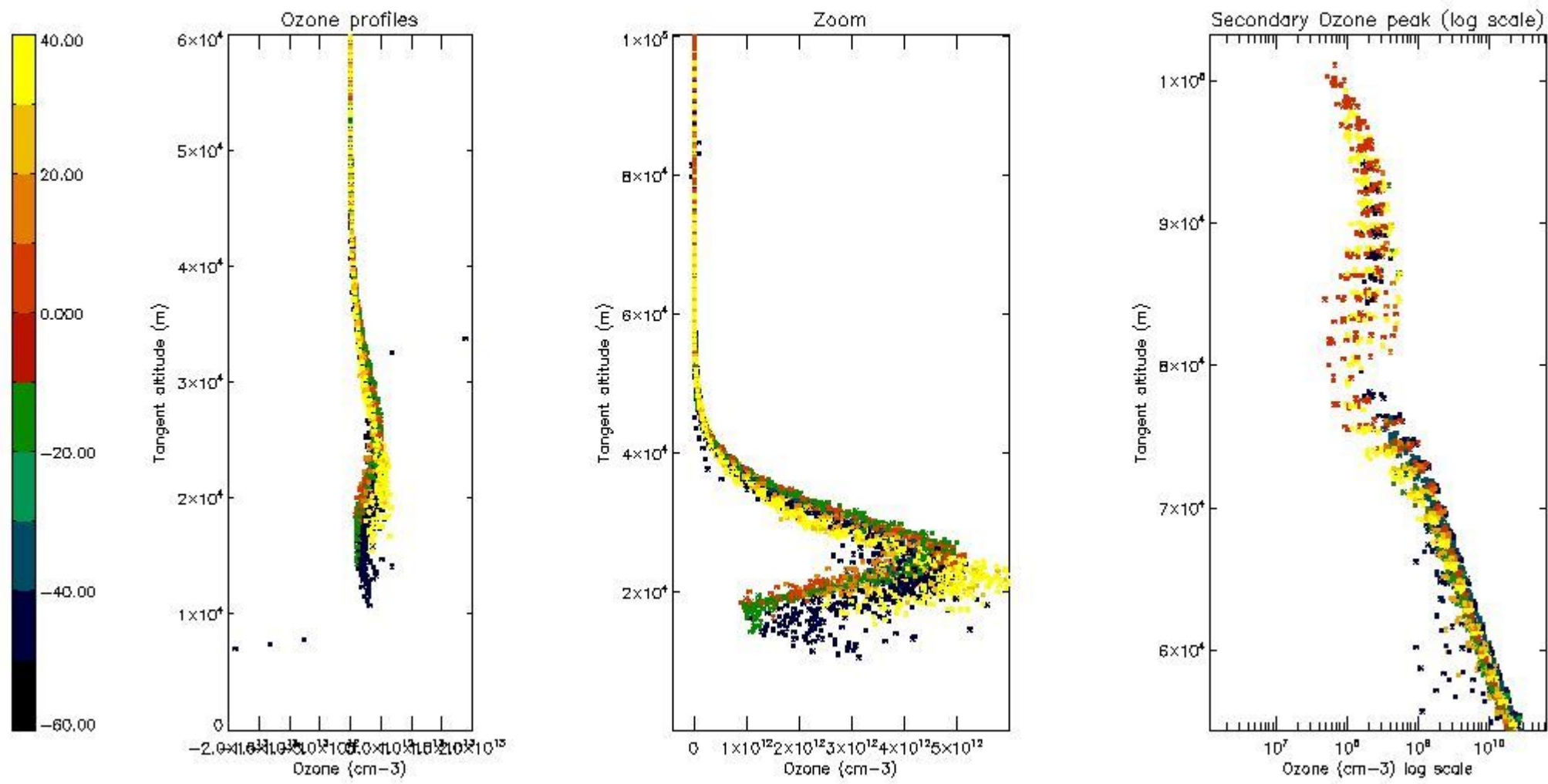
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



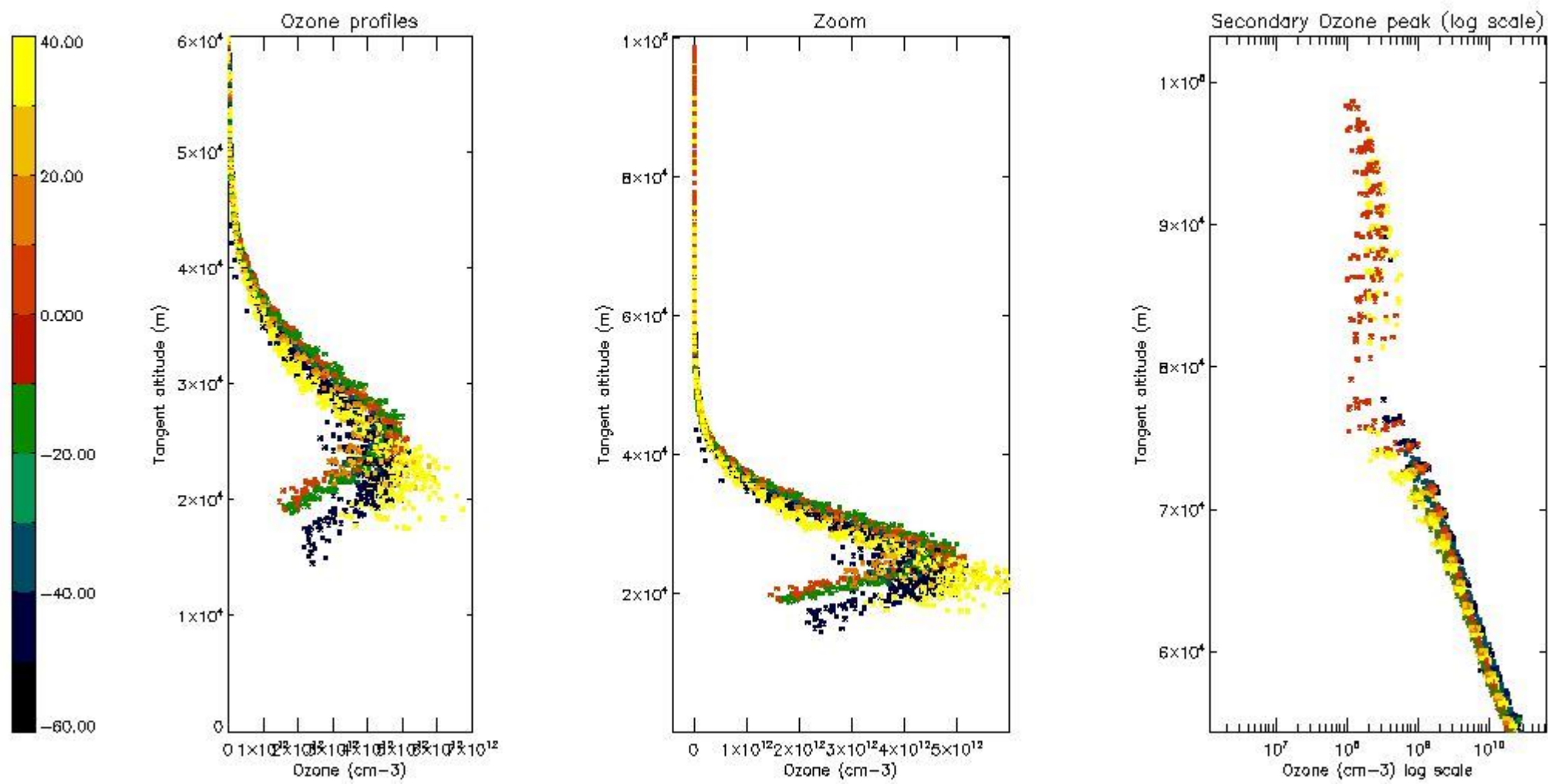
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



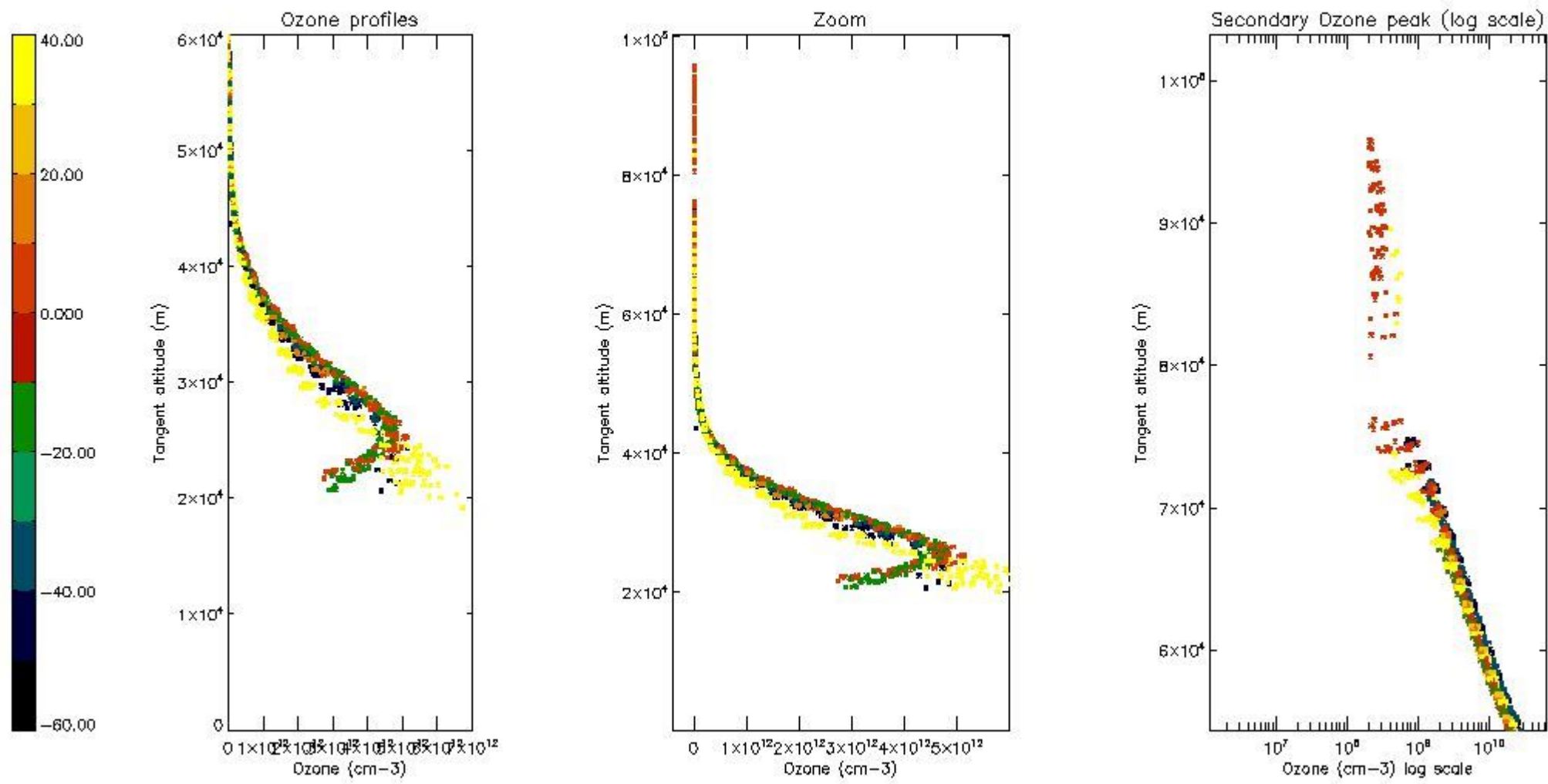
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



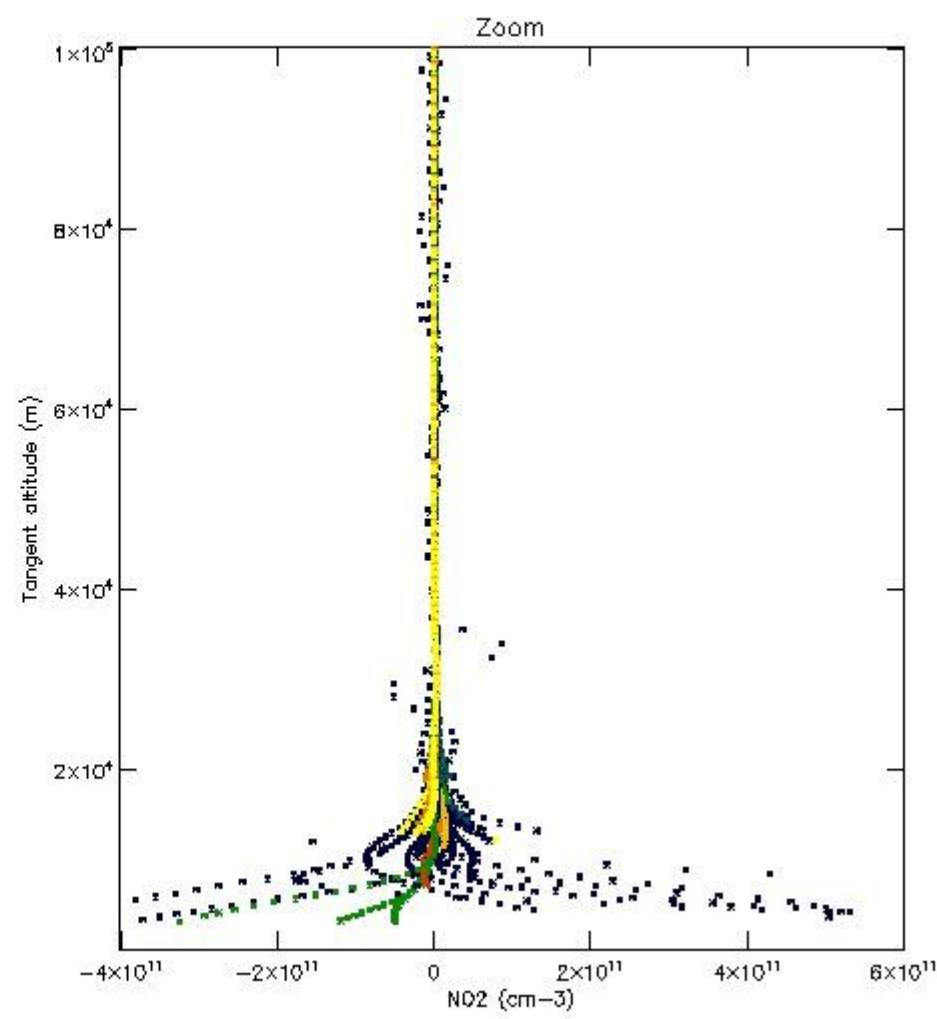
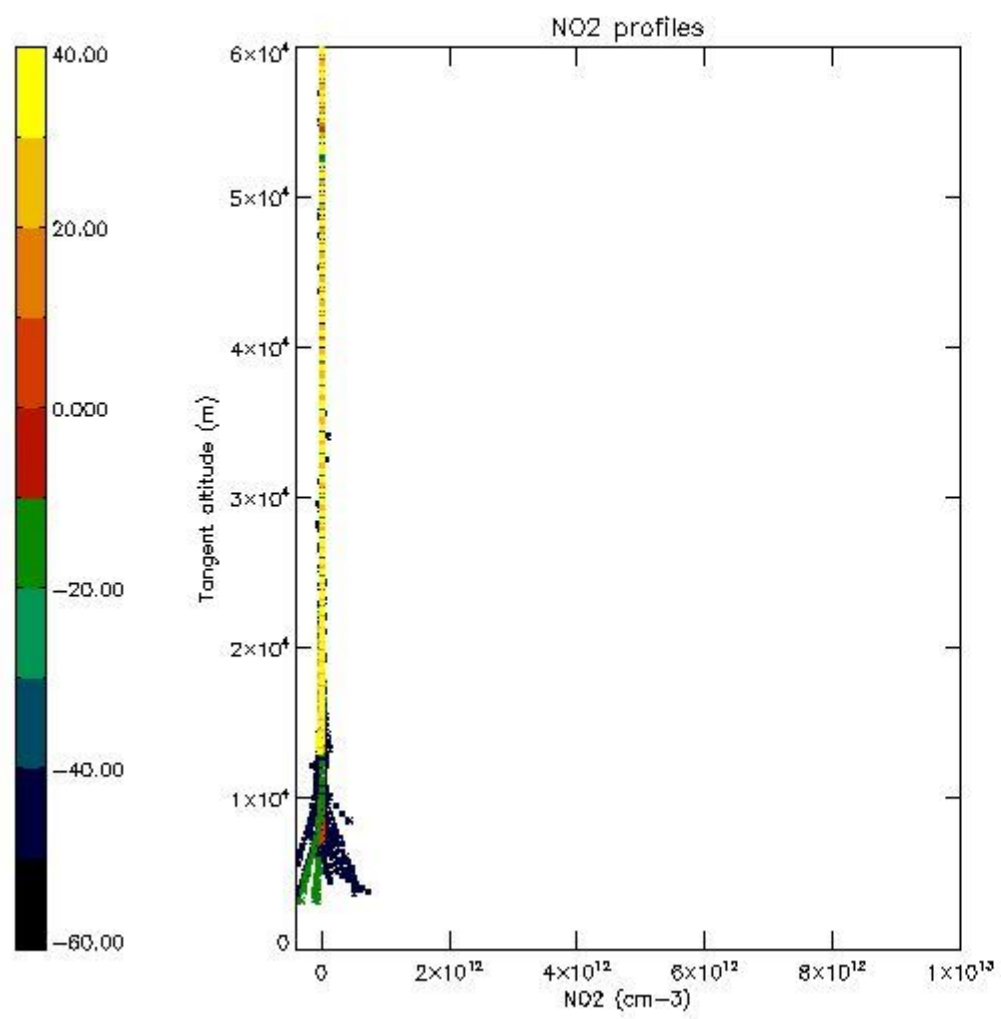
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



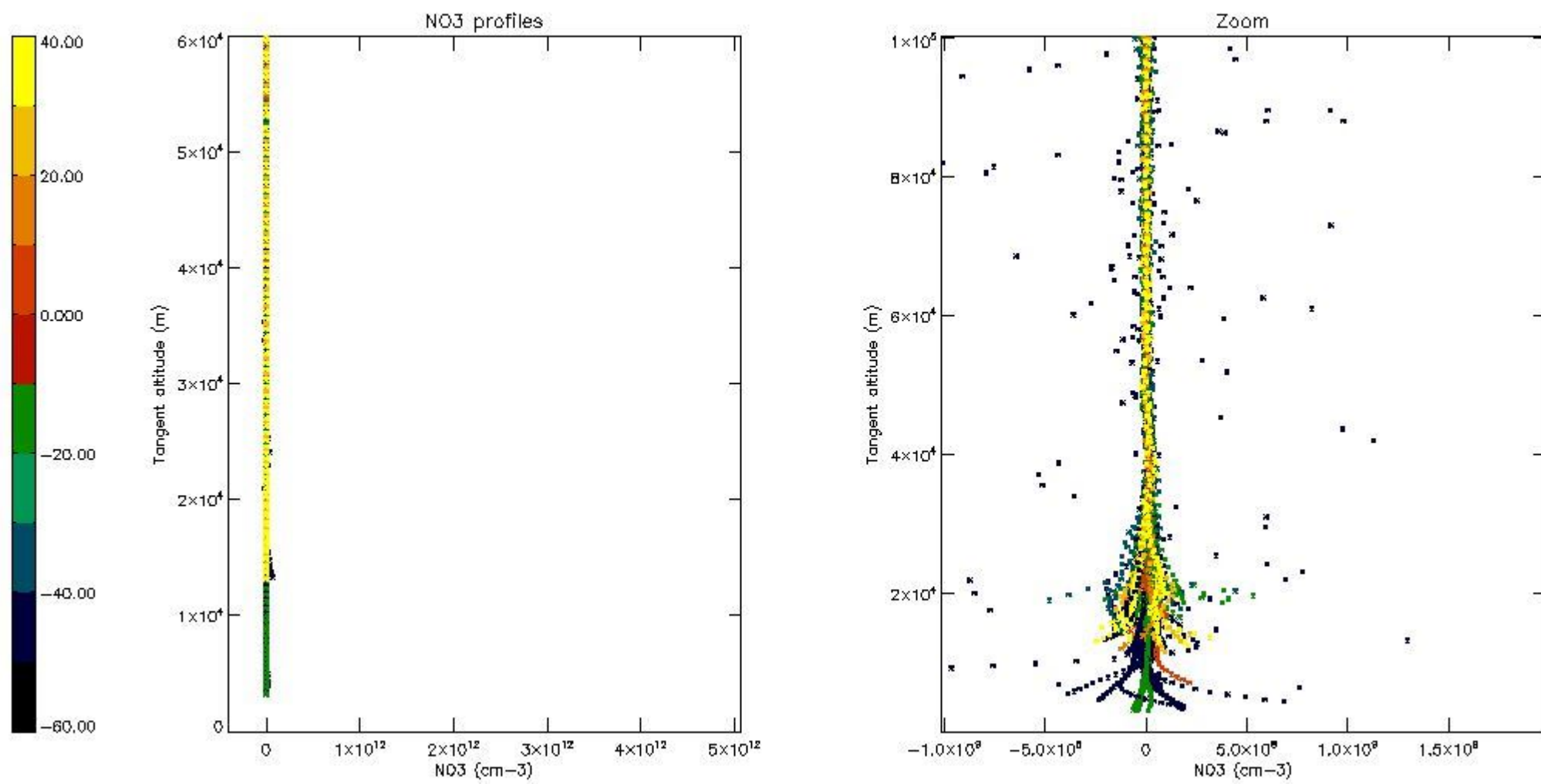
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



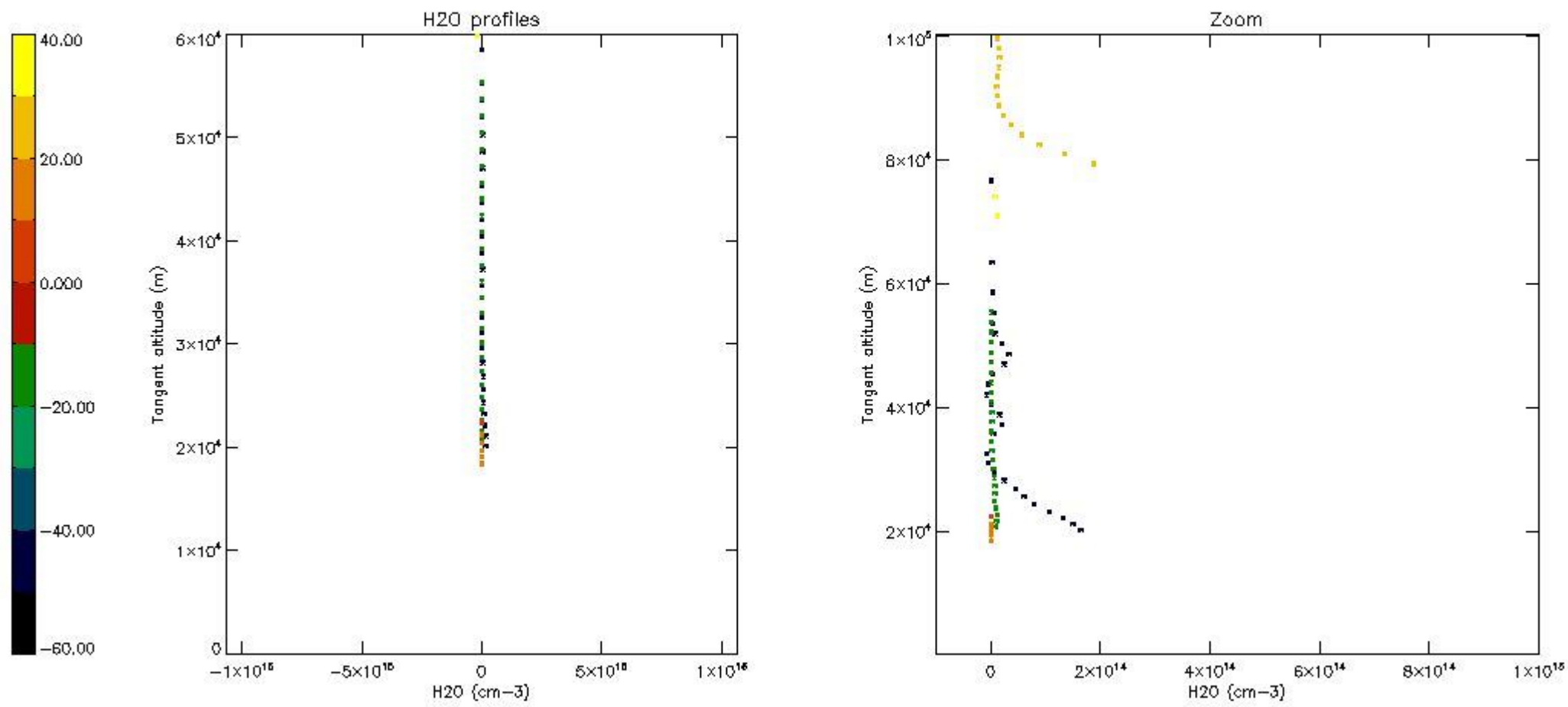
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-JAN-2008 00:08:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-JAN-2008 00:08:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-JAN-2008 00:08:29

GOMOS Level 2 Daily Report

SUMMARY

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

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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 09:39:37
Data source version	GOMOS/6.01
Start time of products	28-01-2008 (28JAN2008 00:00:00)
Stop time of products	29-01-2008 (29JAN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	377
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

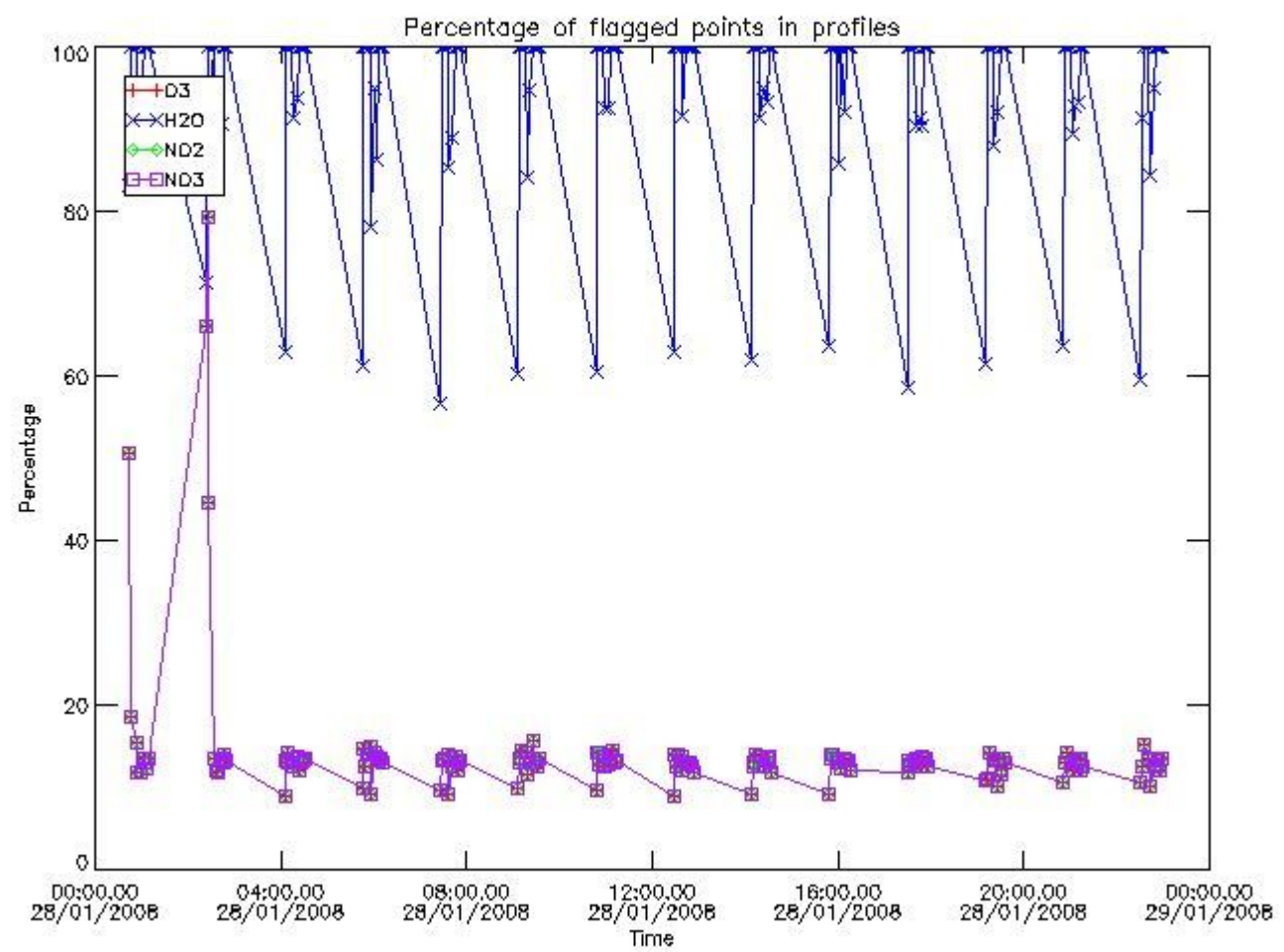
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20080128_000829_000000362065_00288_30903_1341.N1	28-JAN-2008 00:08:29	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30903	No
2	GOM_NL__2PRFIN20080128_001928_000000372065_00288_30903_1342.N1	28-JAN-2008 00:19:28	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30903	No
3	GOM_NL__2PRFIN20080128_002257_000000352065_00288_30903_1343.N1	28-JAN-2008 00:22:57	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	30903	No
4	GOM_NL__2PRFIN20080128_003101_000000352065_00288_30903_1344.N1	28-JAN-2008 00:31:01	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	30903	No
5	GOM_NL__2PRFIN20080128_003308_000000352065_00288_30903_1345.N1	28-JAN-2008 00:33:08	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	30903	No
6	GOM_NL__2PRFIN20080128_003926_000000412065_00288_30903_1346.N1	28-JAN-2008 00:39:26	Twilight	40.500	86	35Eta Oph	2.4300	10200.	81	30903	No
7	GOM_NL__2PRFIN20080128_004332_000000512065_00288_30903_1347.N1	28-JAN-2008 00:43:32	Dark	51.000	16	21Alp Sco	1.0200	3000.0	102	30903	No
8	GOM_NL__2PRFIN20080128_004610_000000412065_00288_30903_1348.N1	28-JAN-2008 00:46:10	Dark	41.000	40	The Sco	1.8590	7100.0	82	30903	No
9	GOM_NL__2PRFIN20080128_005306_000000372065_00289_30904_1338.N1	28-JAN-2008 00:53:06	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30904	No
10	GOM_NL__2PRFIN20080128_005438_000000442065_00289_30904_1339.N1	28-JAN-2008 00:54:38	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	30904	No
11	GOM_NL__2PRFIN20080128_005913_000000432065_00289_30904_1340.N1	28-JAN-2008 00:59:13	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	30904	No
12	GOM_NL__2PRFIN20080128_010304_000000382065_00289_30904_1341.N1	28-JAN-2008 01:03:04	Dark	37.500	29	Bet Car	1.6720	10200.	75	30904	No
13	GOM_NL__2PRFIN20080128_010519_000000402065_00289_30904_1342.N1	28-JAN-2008 01:05:19	Dark	39.500	71	lot Car	2.2460	7700.0	79	30904	No
14	GOM_NL__2PRFIN20080128_010706_000000422065_00289_30904_1343.N1	28-JAN-2008 01:07:06	Dark	41.500	46	Del Vel	1.9540	10600.	83	30904	No
15	GOM_NL__2PRFIN20080128_010941_000000382065_00289_30904_1344.N1	28-JAN-2008 01:09:41	Dark	37.500	34	Gam2Vel	1.7930	23000.	75	30904	No
16	GOM_NL__2PRFIN20080128_011147_000000422065_00289_30904_1345.N1	28-JAN-2008 01:11:47	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	30904	No
17	GOM_NL__2PRFIN20080128_011313_000000432065_00289_30904_1346.N1	28-JAN-2008 01:13:13	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	30904	No
18	GOM_NL__2PRFIN20080128_011540_000000432065_00289_30904_1347.N1	28-JAN-2008 01:15:40	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	30904	No
19	GOM_NL__2PRFIN20080128_011703_000000402065_00289_30904_1348.N1	28-JAN-2008 01:17:03	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	30904	No
20	GOM_NL__2PRFIN20080128_011912_000000442065_00289_30904_1349.N1	28-JAN-2008 01:19:12	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	30904	No
21	GOM_NL__2PRFIN20080128_012604_000000412065_00289_30904_1350.N1	28-JAN-2008 01:26:04	Twilight	41.000	153	3Bet CMi	2.8940	13100.	82	30904	No
22	GOM_NL__2PRFIN20080128_012829_000000342065_00289_30904_1351.N1	28-JAN-2008 01:28:29	Bright	34.000	44	24Gam Gem	1.9280	11000.	68	30904	No
23	GOM_NL__2PRFIN20080128_013017_000000382065_00289_30904_1352.N1	28-JAN-2008 01:30:17	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	30904	No
24	GOM_NL__2PRFIN20080128_013432_000000352065_00289_30904_1353.N1	28-JAN-2008 01:34:32	Bright	34.500	107	37The Aur	2.6490	11000.	69	30904	No
25	GOM_NL__2PRFIN20080128_013639_000000362065_00289_30904_1354.N1	28-JAN-2008 01:36:39	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30904	No
26	GOM_NL__2PRFIN20080128_014904_000000332065_00289_30904_1355.N1	28-JAN-2008 01:49:04	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	30904	No
27	GOM_NL__2PRFIN20080128_020004_000000352065_00289_30904_1356.N1	28-JAN-2008 02:00:04	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	30904	No
28	GOM_NL__2PRFIN20080128_020333_000000342065_00289_30904_1357.N1	28-JAN-2008 02:03:33	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	30904	No
29	GOM_NL__2PRFIN20080128_021137_000000532065_00289_30904_1358.N1	28-JAN-2008 02:11:37	Bright	53.000	59	55Alp Oph	2.0800	8900.0	106	30904	No
30	GOM_NL__2PRFIN20080128_021344_000000342065_00289_30904_1359.N1	28-JAN-2008 02:13:44	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	30904	No
31	GOM_NL__2PRFIN20080128_022002_000000412065_00289_30904_1360.N1	28-JAN-2008 02:20:02	Twilight	41.000	86	35Eta Oph	2.4300	10200.	82	30904	No
32	GOM_NL__2PRFIN20080128_022409_000000482065_00289_30904_1361.N1	28-JAN-2008 02:24:09	Dark	47.500	16	21Alp Sco	1.0200	3000.0	95	30904	No
33	GOM_NL__2PRFIN20080128_022538_000000372065_00289_30904_1362.N1	28-JAN-2008 02:25:38	Dark	36.500	85	Kap Sco	2.4070	28000.	73	30904	No
34	GOM_NL__2PRFIN20080128_022646_000000412065_00289_30904_1363.N1	28-JAN-2008 02:26:46	Dark	41.000	40	The Sco	1.8590	7100.0	82	30904	No
35	GOM_NL__2PRFIN20080128_023342_000000382065_00290_30905_1347.N1	28-JAN-2008 02:33:42	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	30905	No
36	GOM_NL__2PRFIN20080128_023514_000000422065_00290_30905_1348.N1	28-JAN-2008 02:35:14	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	30905	No
37	GOM_NL__2PRFIN20080128_023949_000000442065_00290_30905_1349.N1	28-JAN-2008 02:39:49	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	30905	No
38	GOM_NL__2PRFIN20080128_024340_000000382065_00290_30905_1350.N1	28-JAN-2008 02:43:40	Dark	38.000	29	Bet Car	1.6720	10200.	76	30905	No
39	GOM_NL__2PRFIN20080128_024555_000000392065_00290_30905_1351.N1	28-JAN-2008 02:45:55	Dark	39.000	71	lot Car	2.2460	7700.0	78	30905	No
40	GOM_NL__2PRFIN20080128_024742_000000402065_00290_30905_1352.N1	28-JAN-2008 02:47:42	Dark	40.000	46	Del Vel	1.9540	10600.	80	30905	No
41	GOM_NL__2PRFIN20080128_025017_000000392065_00290_30905_1353.N1	28-JAN-2008 02:50:17	Dark	38.500	34	Gam2Vel	1.7930	23000.	77	30905	No
42	GOM_NL__2PRFIN20080128_025223_000000392065_00290_30905_1354.N1	28-JAN-2008 02:52:23	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	30905	No

338	GOM_NL__2PRFIN20080128_211901_000000402065_00301_30916_1535.N1	28-JAN-2008 21:19:01	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	30916	No
339	GOM_NL__2PRFIN20080128_212027_000000422065_00301_30916_1536.N1	28-JAN-2008 21:20:27	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	30916	No
340	GOM_NL__2PRFIN20080128_212253_000000402065_00301_30916_1537.N1	28-JAN-2008 21:22:53	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	30916	No
341	GOM_NL__2PRFIN20080128_212416_000000382065_00301_30916_1538.N1	28-JAN-2008 21:24:16	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30916	No
342	GOM_NL__2PRFIN20080128_212625_000000462065_00301_30916_1539.N1	28-JAN-2008 21:26:25	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	30916	No
343	GOM_NL__2PRFIN20080128_213222_000000502065_00301_30916_1540.N1	28-JAN-2008 21:32:22	Tw_i_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	30916	No
344	GOM_NL__2PRFIN20080128_213541_000000392065_00301_30916_1541.N1	28-JAN-2008 21:35:41	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	30916	No
345	GOM_NL__2PRFIN20080128_213729_000000392065_00301_30916_1542.N1	28-JAN-2008 21:37:29	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	30916	No
346	GOM_NL__2PRFIN20080128_214145_000000352065_00301_30916_1543.N1	28-JAN-2008 21:41:45	Bright	34.500	107	37The Aur	2.6490	11000.	69	30916	No
347	GOM_NL__2PRFIN20080128_214352_000000362065_00301_30916_1544.N1	28-JAN-2008 21:43:52	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30916	No
348	GOM_NL__2PRFIN20080128_215616_000000362065_00301_30916_1545.N1	28-JAN-2008 21:56:16	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30916	No
349	GOM_NL__2PRFIN20080128_220715_000000382065_00301_30916_1546.N1	28-JAN-2008 22:07:15	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	30916	No
350	GOM_NL__2PRFIN20080128_221046_000000342065_00301_30916_1547.N1	28-JAN-2008 22:10:46	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30916	No
351	GOM_NL__2PRFIN20080128_221852_000000542065_00301_30916_1548.N1	28-JAN-2008 22:18:52	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	30916	No
352	GOM_NL__2PRFIN20080128_222059_000000352065_00301_30916_1549.N1	28-JAN-2008 22:20:59	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	30916	No
353	GOM_NL__2PRFIN20080128_222718_000000432065_00301_30916_1550.N1	28-JAN-2008 22:27:18	Tw_i_and_stray	43.000	86	35Eta Oph	2.4300	10200.	86	30916	No
354	GOM_NL__2PRFIN20080128_223127_000000492065_00301_30916_1551.N1	28-JAN-2008 22:31:27	Dark	48.500	16	21Alp Sco	1.0200	3000.0	97	30916	No
355	GOM_NL__2PRFIN20080128_223400_000000412065_00301_30916_1552.N1	28-JAN-2008 22:34:00	Dark	40.500	40	The Sco	1.8590	7100.0	81	30916	No
356	GOM_NL__2PRFIN20080128_223554_000000372065_00301_30916_1553.N1	28-JAN-2008 22:35:54	Dark	37.000	147	Alp Ara	2.8770	26000.	74	30916	No
357	GOM_NL__2PRFIN20080128_224057_000000382065_00302_30917_1542.N1	28-JAN-2008 22:40:57	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	30917	No
358	GOM_NL__2PRFIN20080128_224232_000000552065_00302_30917_1543.N1	28-JAN-2008 22:42:32	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	30917	No
359	GOM_NL__2PRFIN20080128_224707_000000402065_00302_30917_1544.N1	28-JAN-2008 22:47:07	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	30917	No
360	GOM_NL__2PRFIN20080128_225054_000000412065_00302_30917_1545.N1	28-JAN-2008 22:50:54	Dark	41.000	29	Bet Car	1.6720	10200.	82	30917	No
361	GOM_NL__2PRFIN20080128_225311_000000432065_00302_30917_1546.N1	28-JAN-2008 22:53:11	Dark	42.500	71	lot Car	2.2460	7700.0	85	30917	No
362	GOM_NL__2PRFIN20080128_225457_000000432065_00302_30917_1547.N1	28-JAN-2008 22:54:57	Dark	42.500	46	Del Vel	1.9540	10600.	85	30917	No
363	GOM_NL__2PRFIN20080128_225731_000000422065_00302_30917_1548.N1	28-JAN-2008 22:57:31	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	30917	No
364	GOM_NL__2PRFIN20080128_225937_000000402065_00302_30917_1549.N1	28-JAN-2008 22:59:37	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	30917	No
365	GOM_NL__2PRFIN20080128_230103_000000412065_00302_30917_1550.N1	28-JAN-2008 23:01:03	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	30917	No
366	GOM_NL__2PRFIN20080128_230329_000000422065_00302_30917_1551.N1	28-JAN-2008 23:03:29	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30917	No
367	GOM_NL__2PRFIN20080128_230452_000000372065_00302_30917_1552.N1	28-JAN-2008 23:04:52	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	30917	No
368	GOM_NL__2PRFIN20080128_230701_000000502065_00302_30917_1553.N1	28-JAN-2008 23:07:01	Straylight	49.500	1	9Alp CMa	-1.4400	11000.	99	30917	No
369	GOM_NL__2PRFIN20080128_231258_000000472065_00302_30917_1554.N1	28-JAN-2008 23:12:58	Tw_i_and_stray	46.500	8	10Alp CMi	0.40000	6500.0	93	30917	No
370	GOM_NL__2PRFIN20080128_231617_000000392065_00302_30917_1555.N1	28-JAN-2008 23:16:17	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	30917	No
371	GOM_NL__2PRFIN20080128_231805_000000382065_00302_30917_1556.N1	28-JAN-2008 23:18:05	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	30917	No
372	GOM_NL__2PRFIN20080128_232221_000000352065_00302_30917_1557.N1	28-JAN-2008 23:22:21	Bright	35.000	107	37The Aur	2.6490	11000.	70	30917	No
373	GOM_NL__2PRFIN20080128_232428_000000362065_00302_30917_1558.N1	28-JAN-2008 23:24:28	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30917	No
374	GOM_NL__2PRFIN20080128_233652_000000342065_00302_30917_1559.N1	28-JAN-2008 23:36:52	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	30917	No
375	GOM_NL__2PRFIN20080128_234751_000000382065_00302_30917_1560.N1	28-JAN-2008 23:47:51	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	30917	No
376	GOM_NL__2PRFIN20080128_235122_000000352065_00302_30917_1561.N1	28-JAN-2008 23:51:22	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	30917	No
377	GOM_NL__2PRFIN20080128_235928_000000362065_00302_30917_1562.N1	28-JAN-2008 23:59:28	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	30917	No

3. Quality information per product

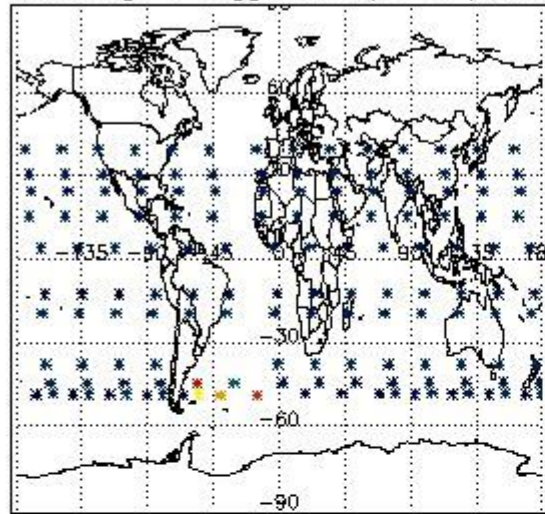
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

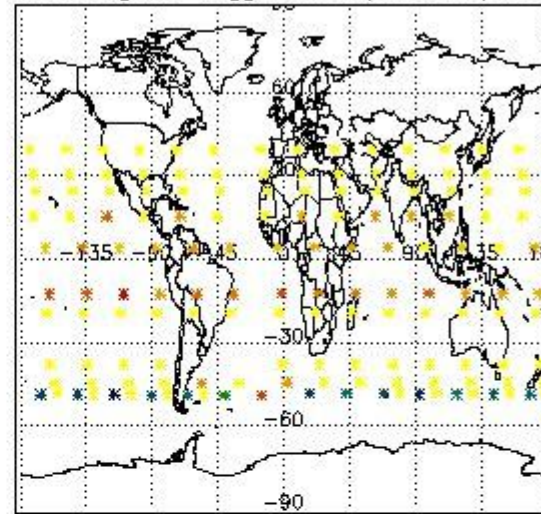


3.2 Plot quality information per product (world map)

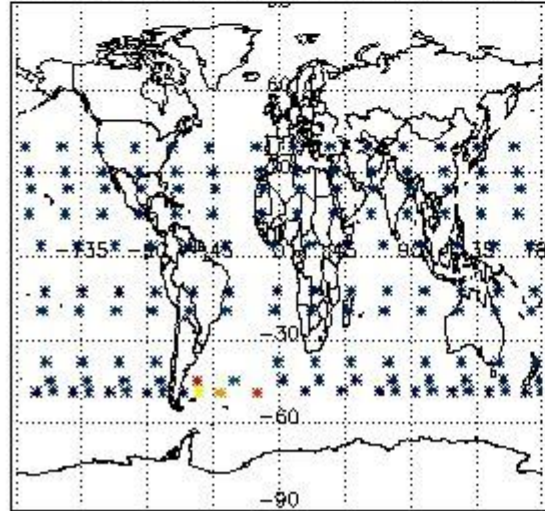
Percentage of flagged data per O3 profile



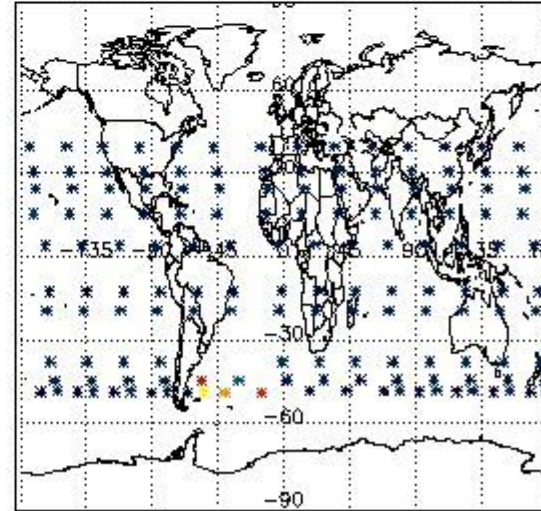
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

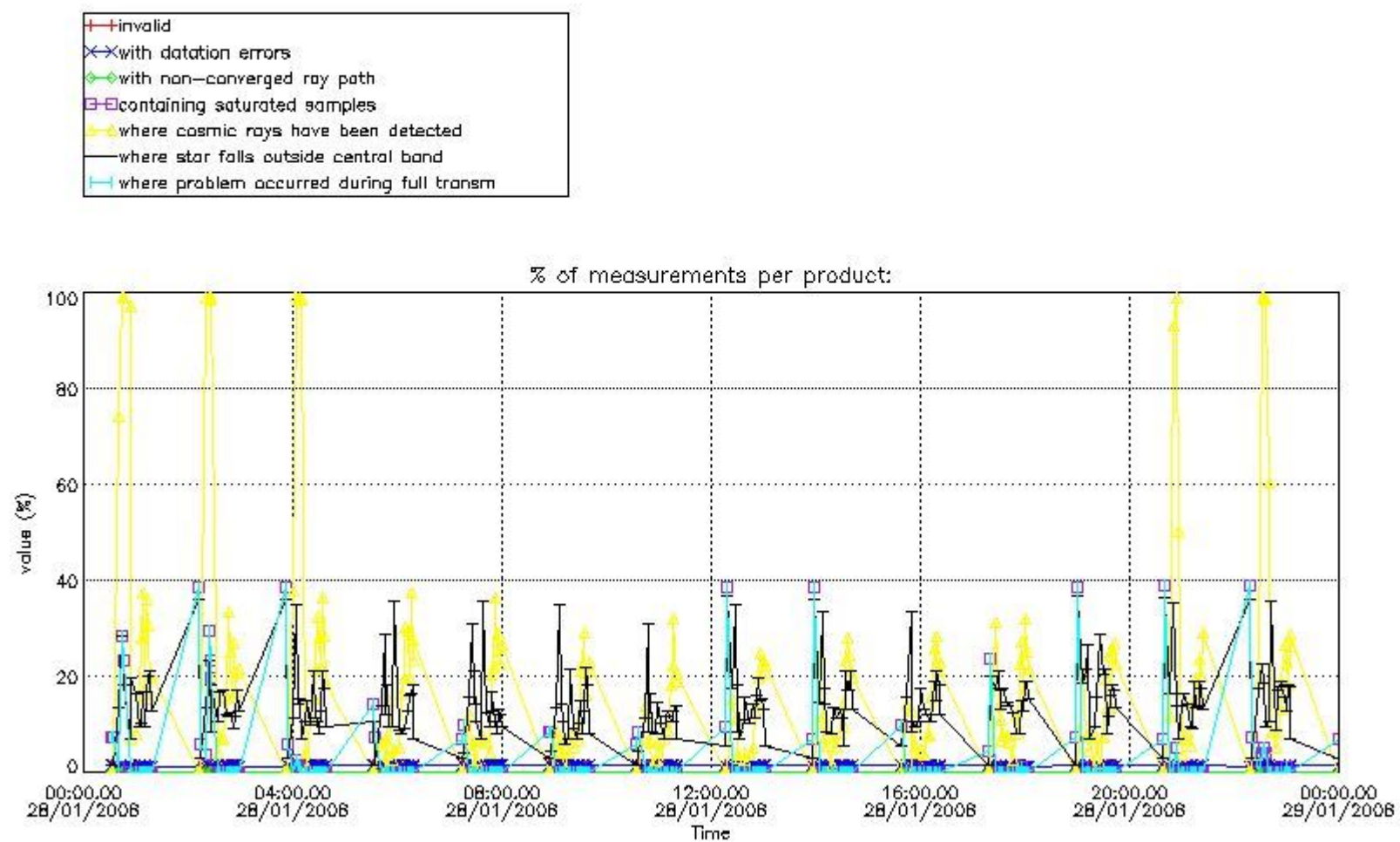


4. Level 1 quality information per product

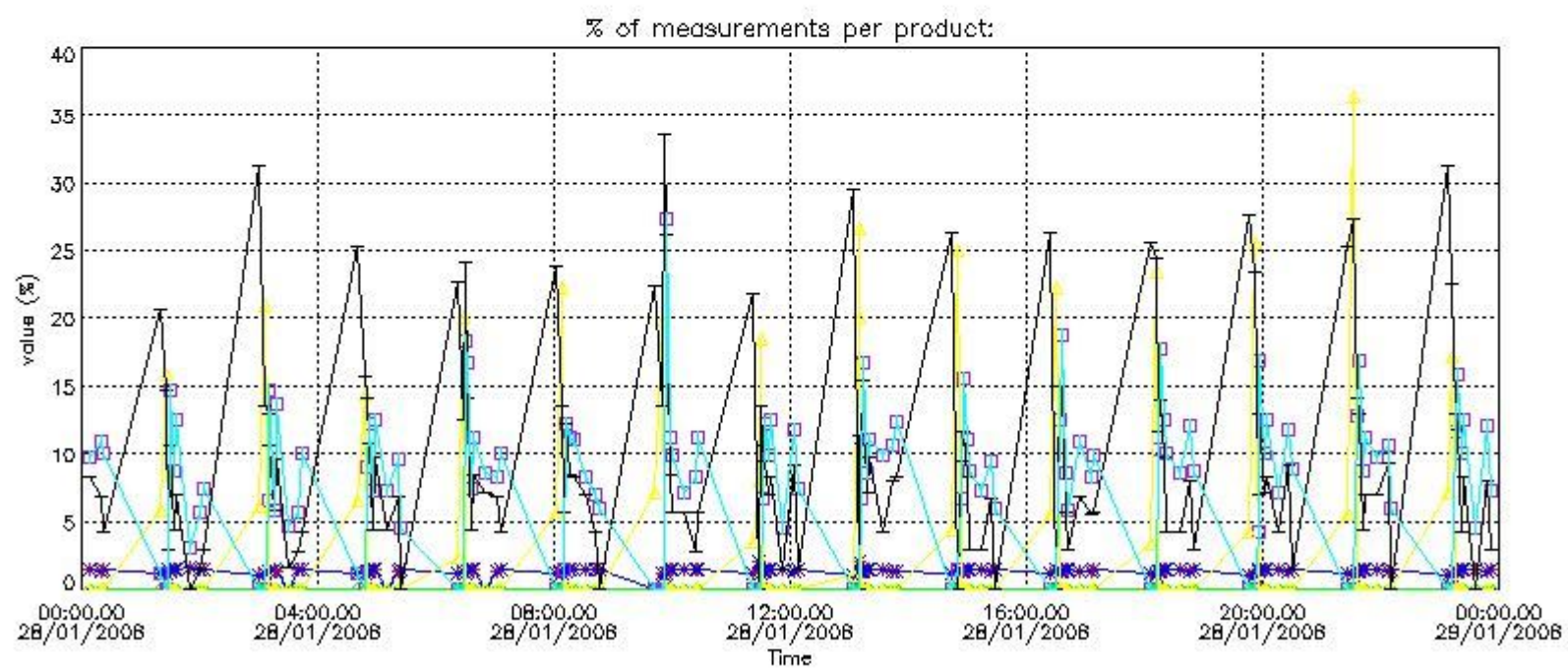
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

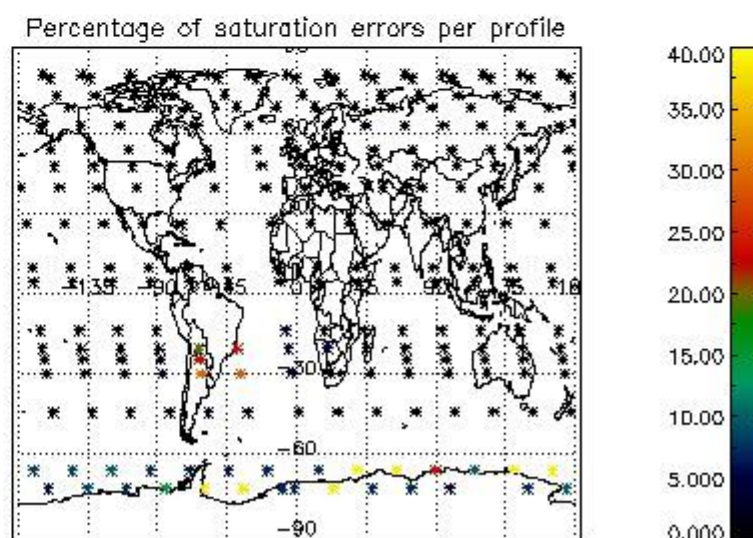
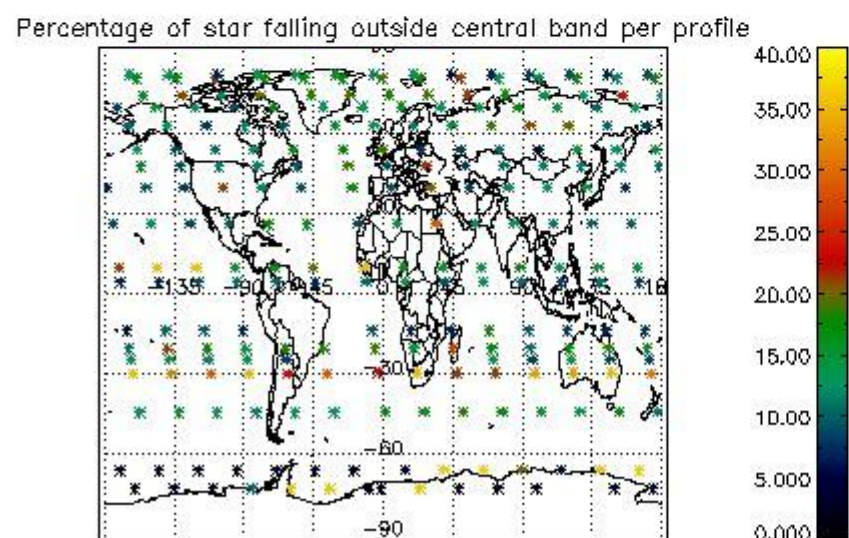
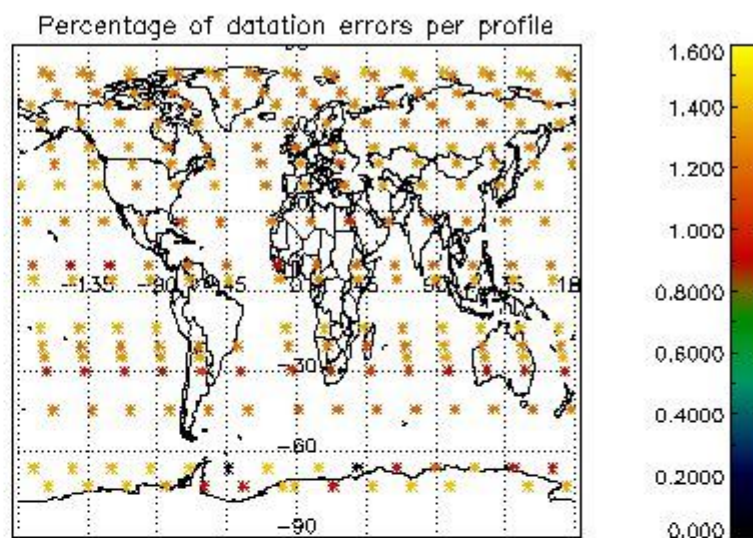
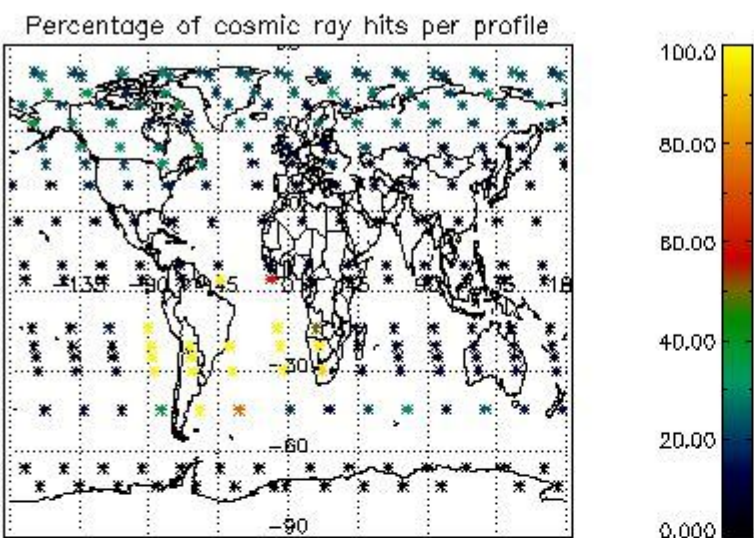


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



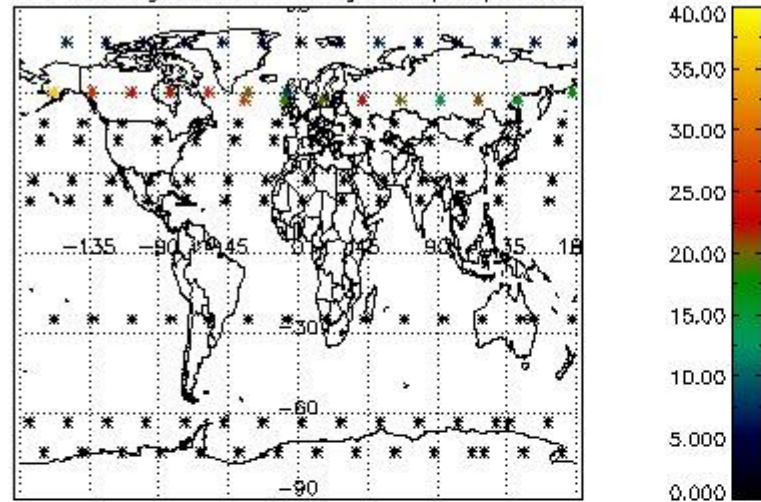
4.2 Plot quality information per product coming from level 1b processing (world map)

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

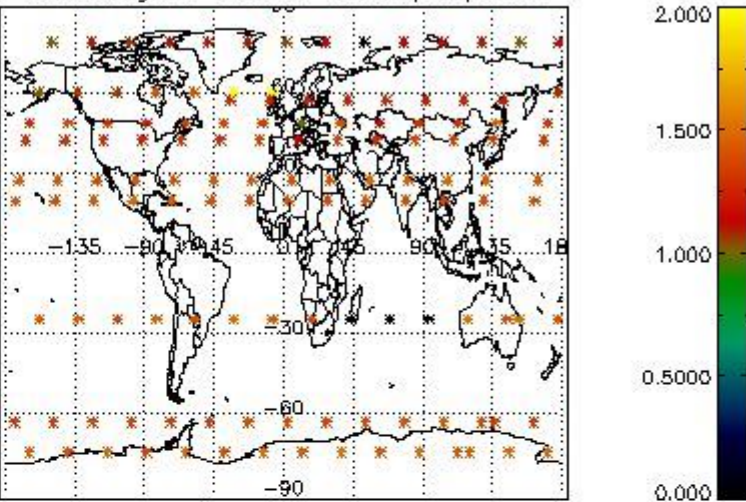


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

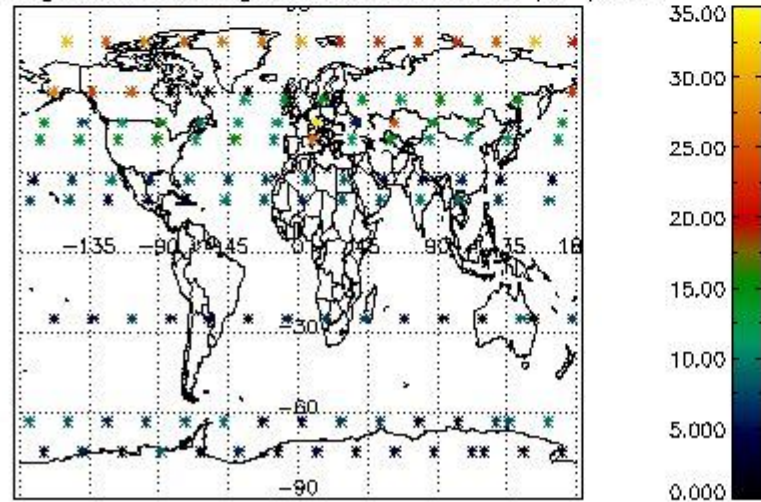
Percentage of cosmic ray hits per profile



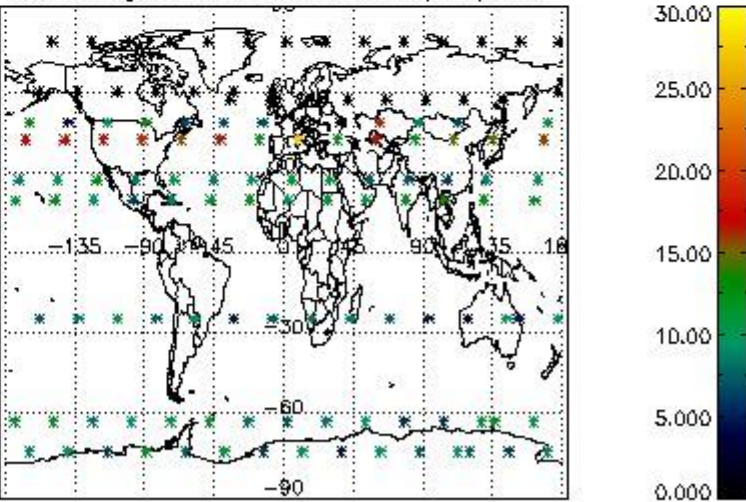
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

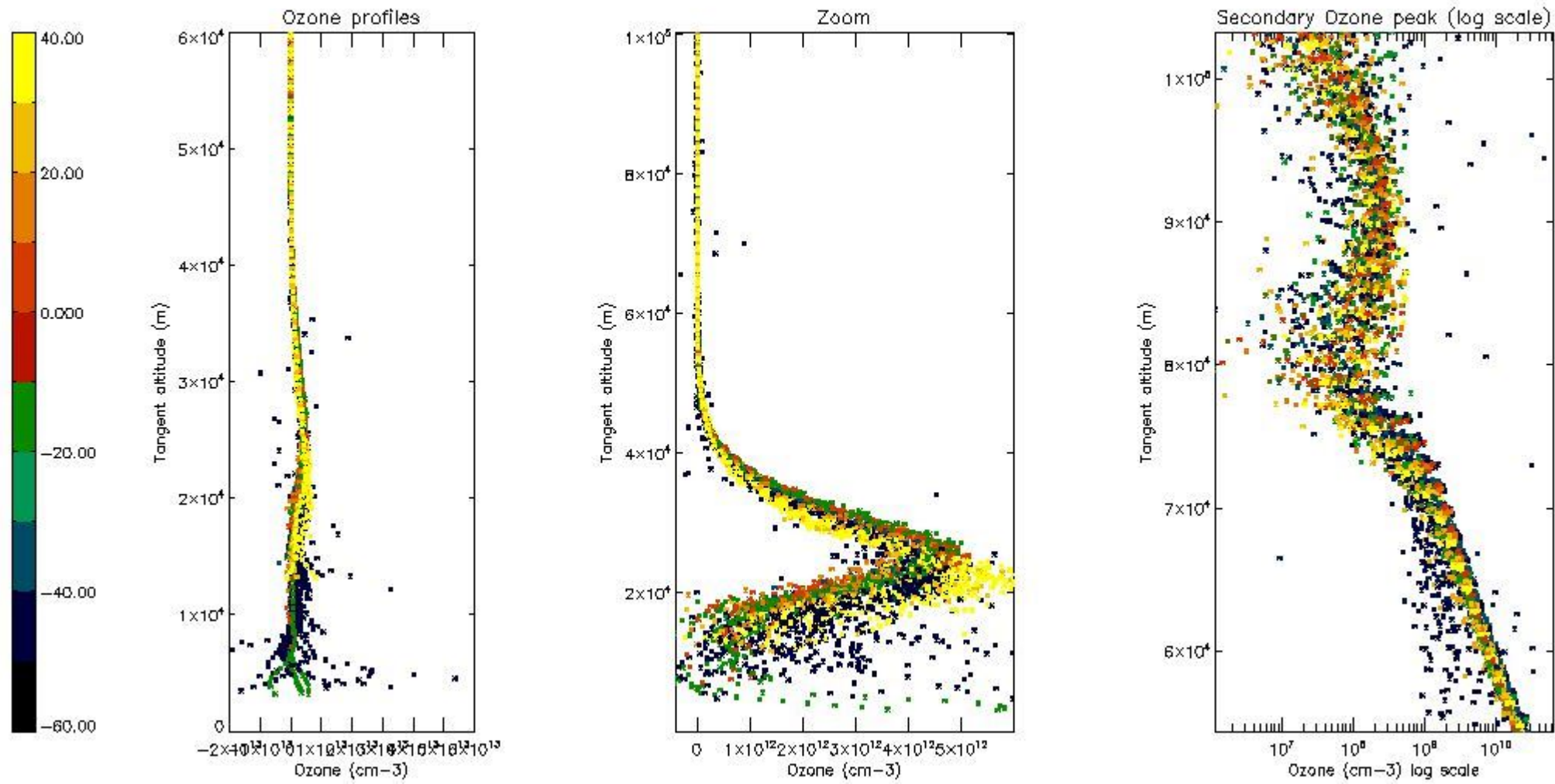
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	18
STD < 5	11

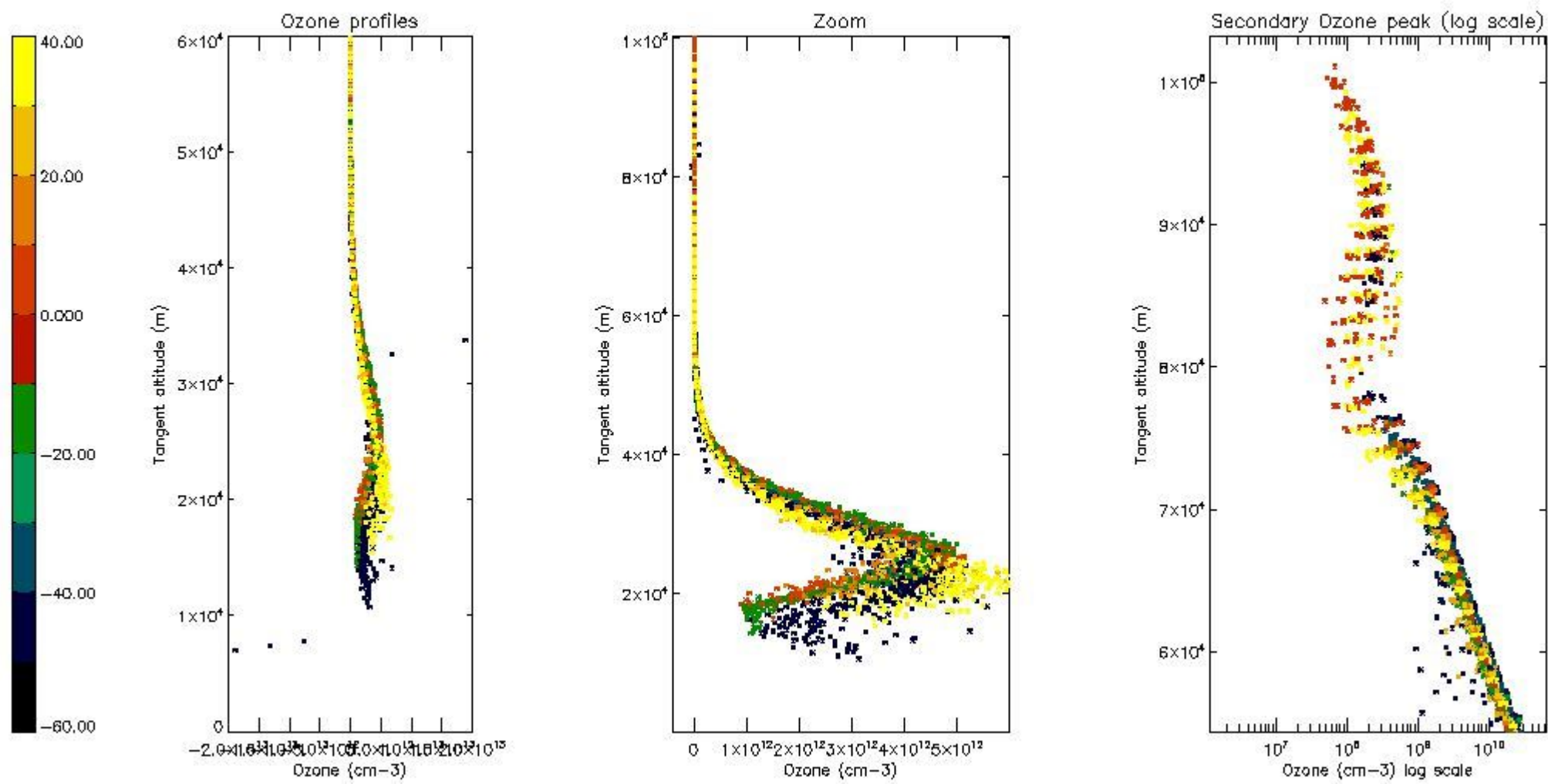
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



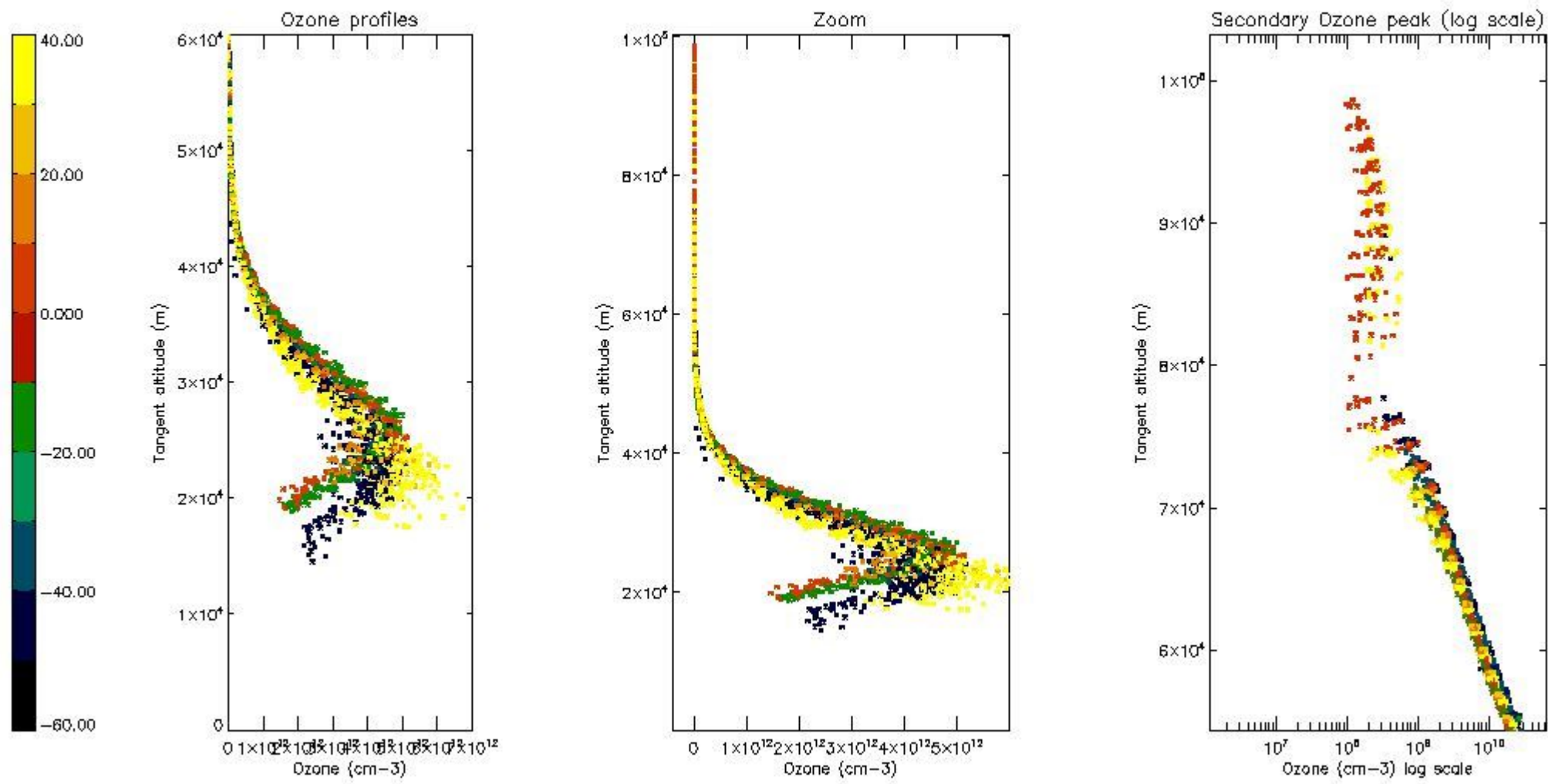
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



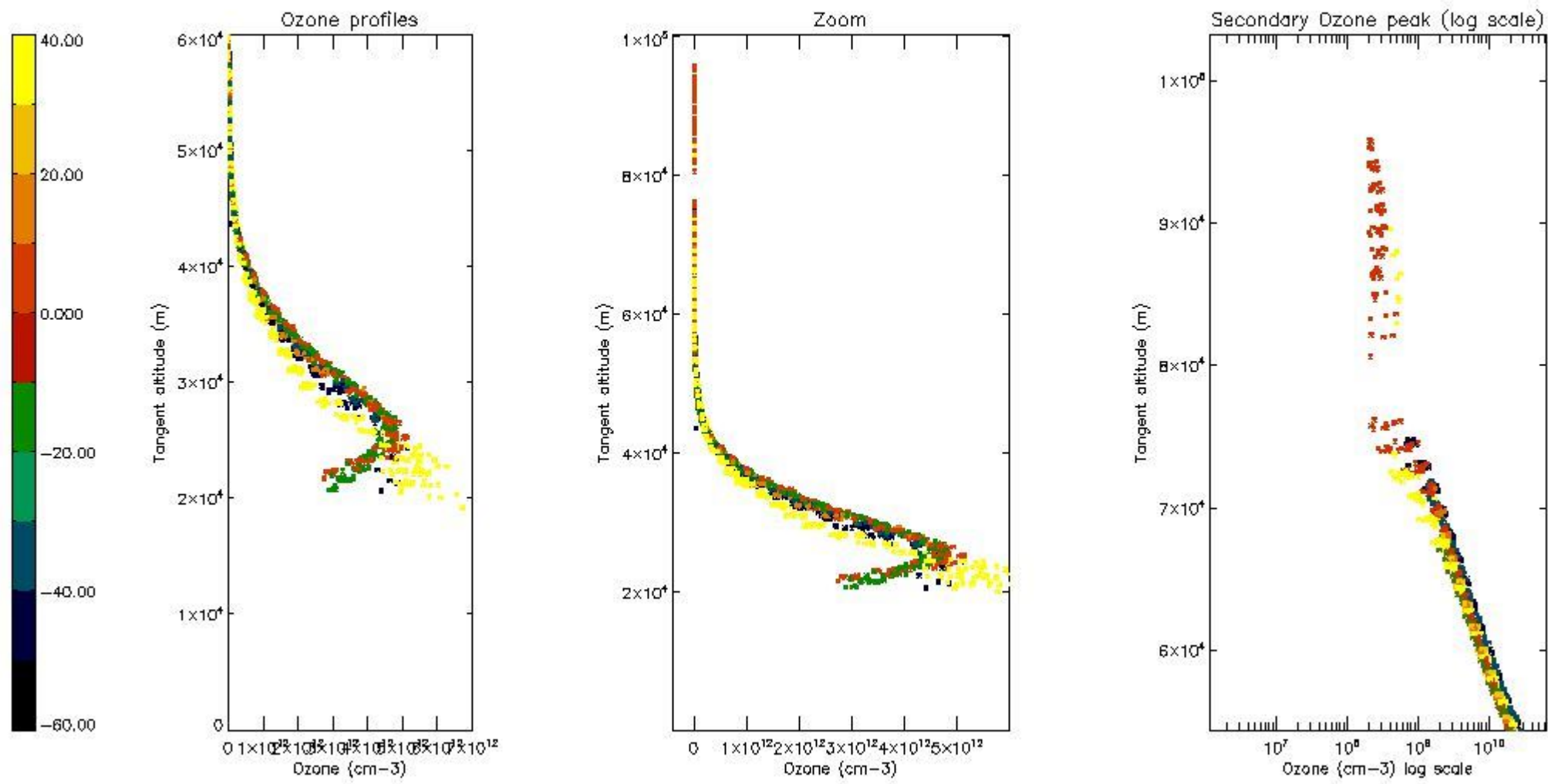
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



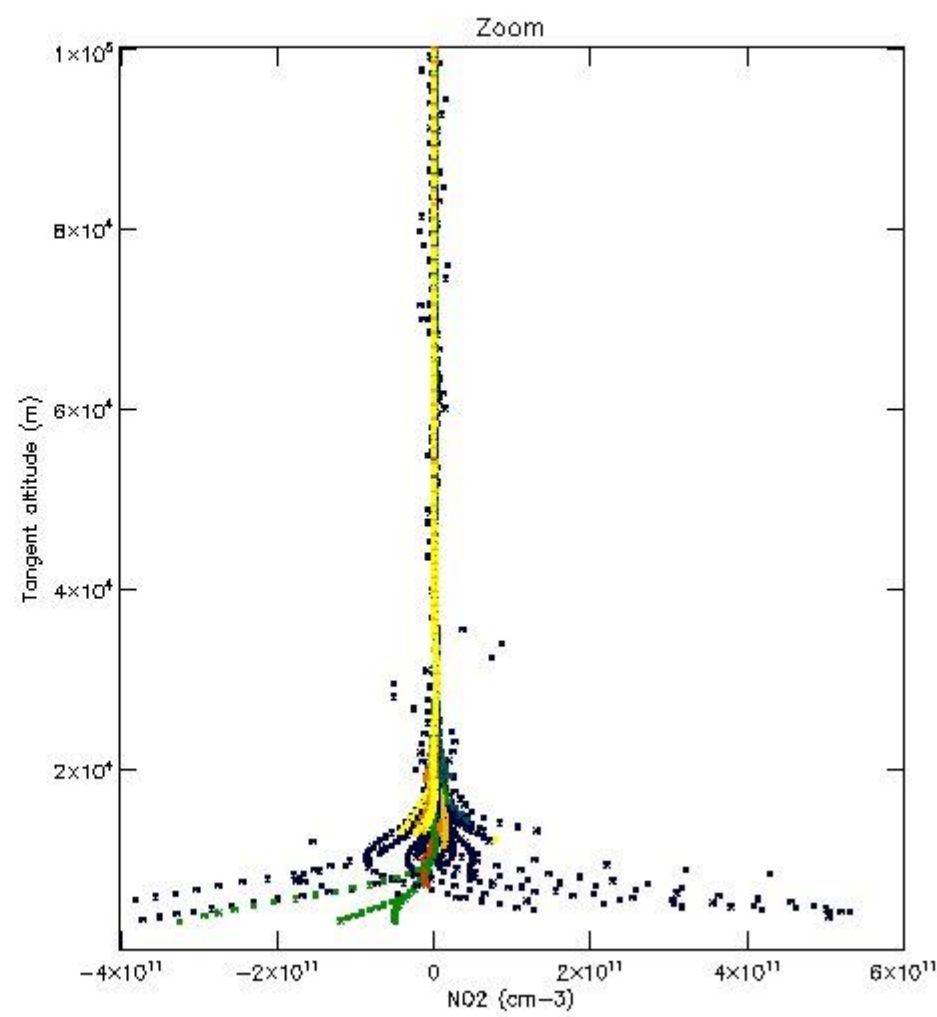
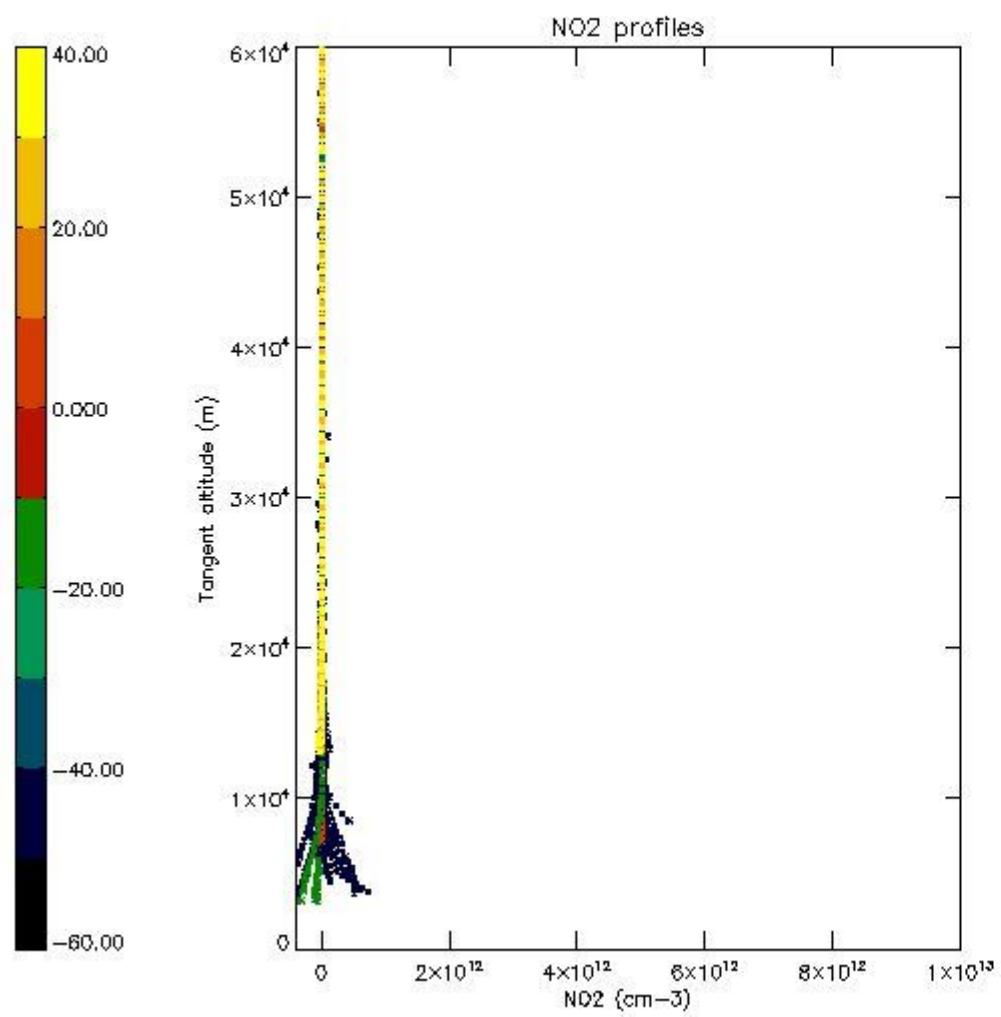
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



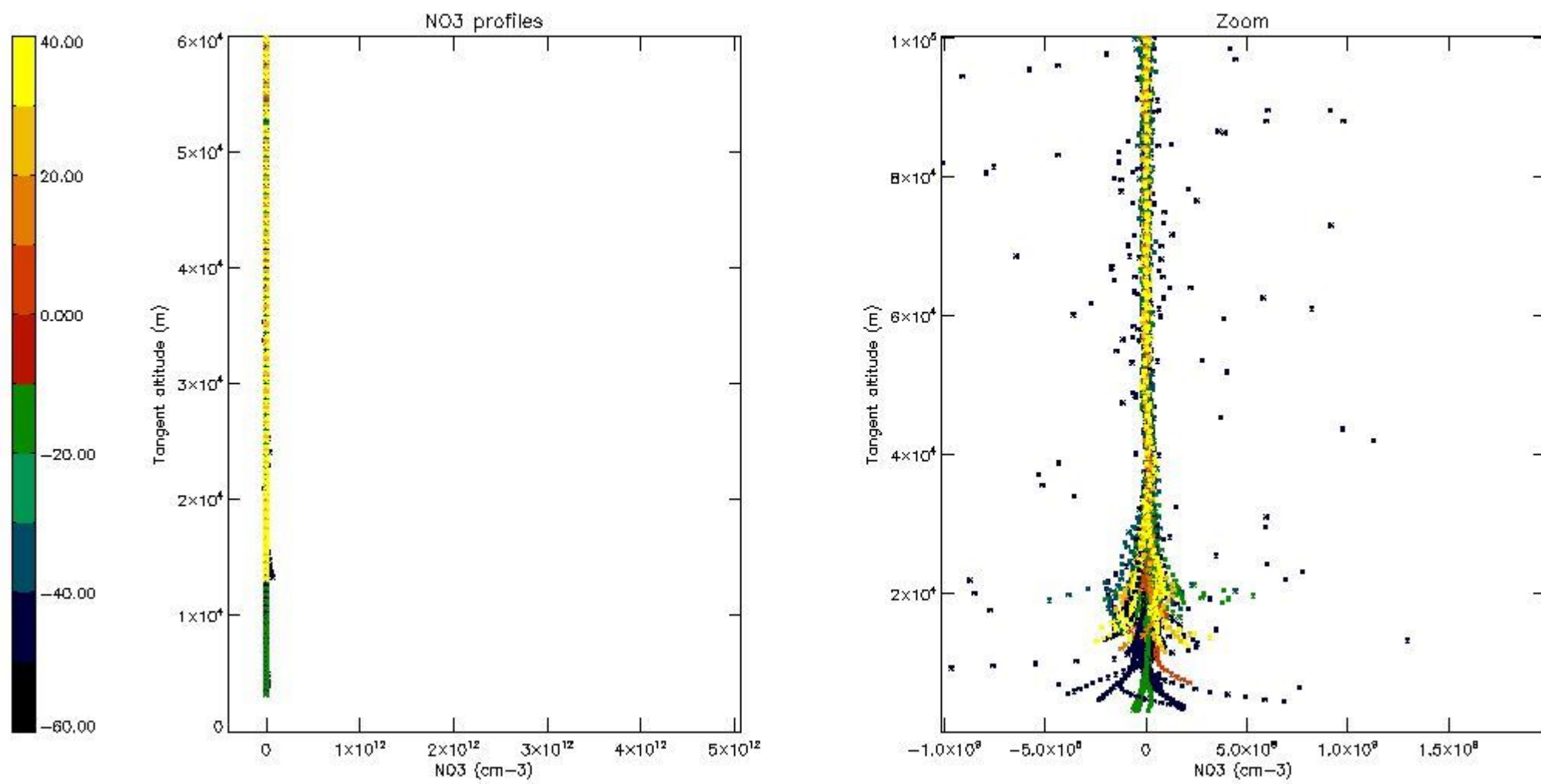
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



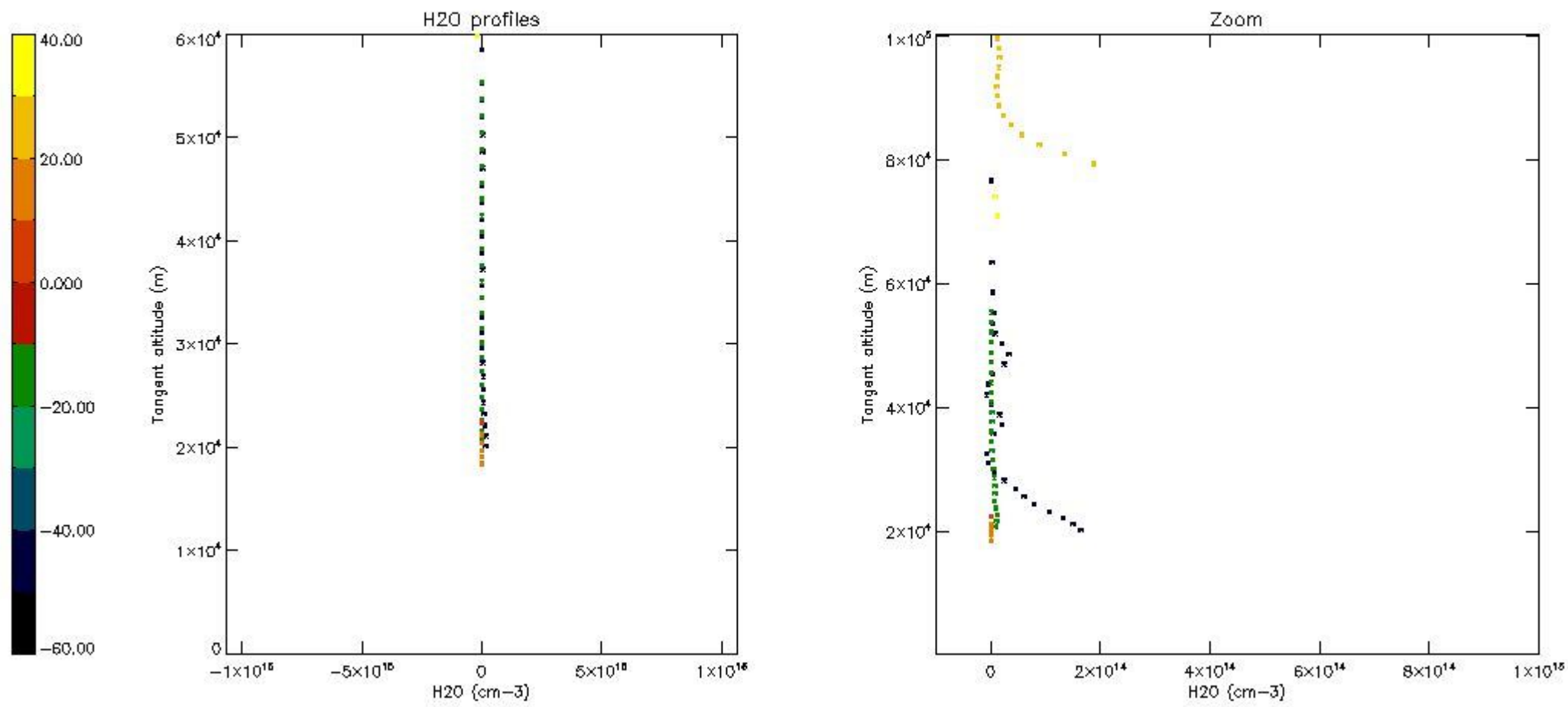
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

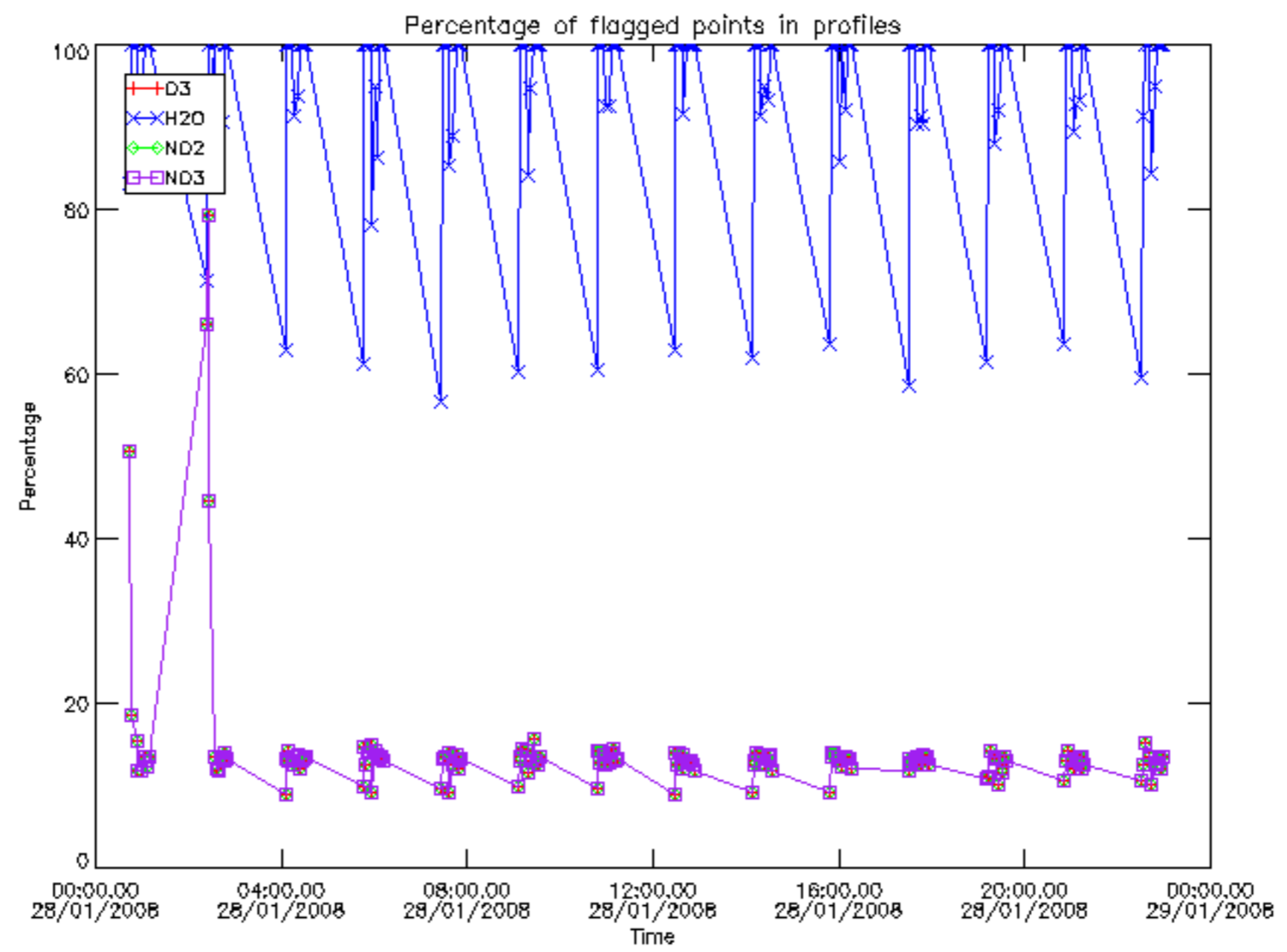
The colorbar represents the latitude.



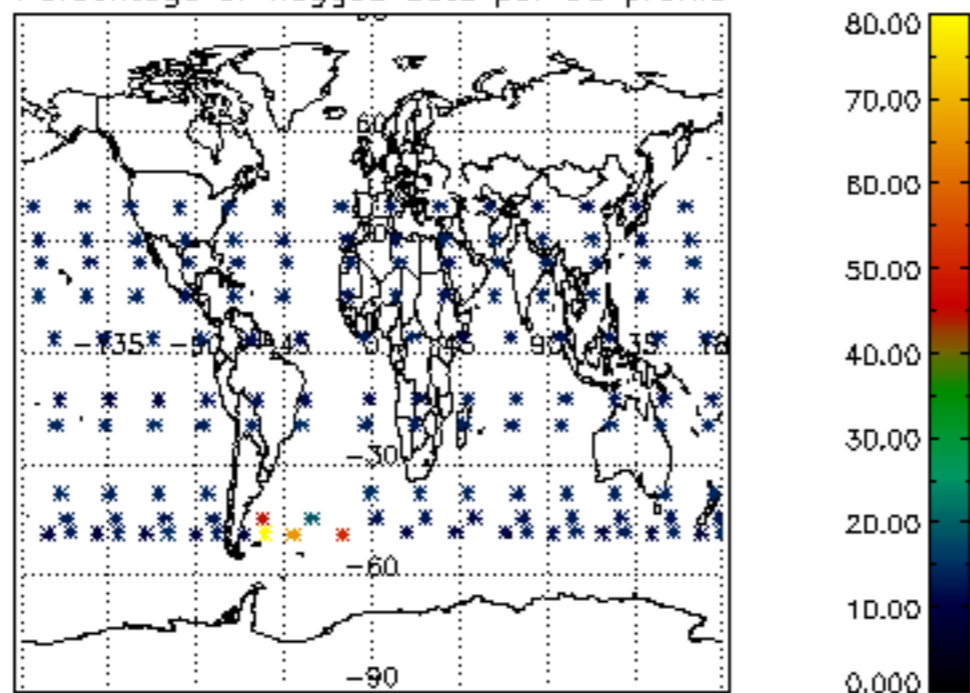
6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

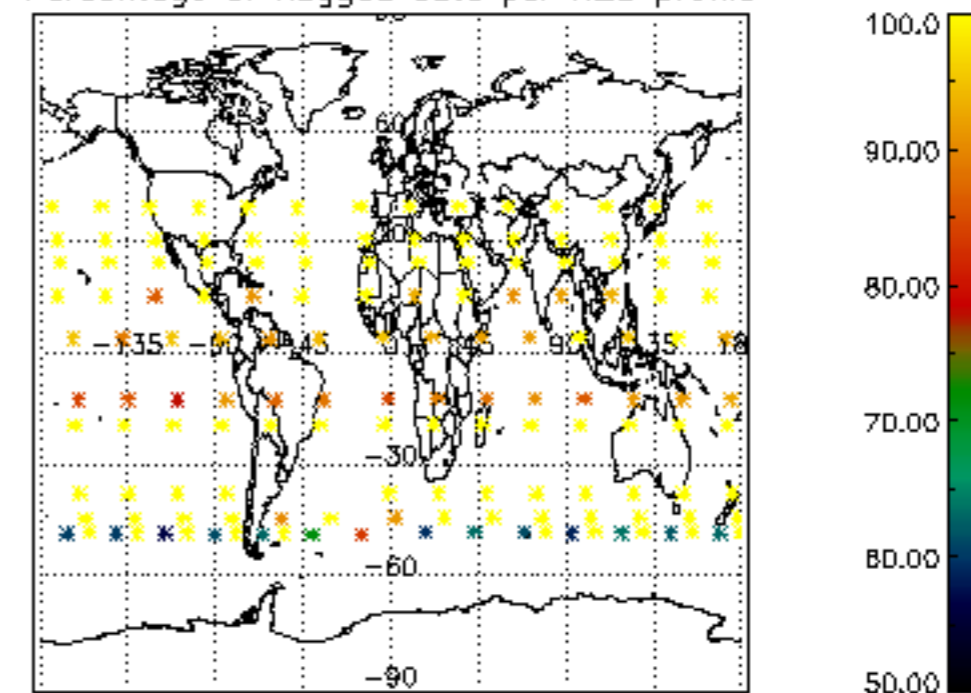
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-JAN-2008 00:08:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-JAN-2008 00:08:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-JAN-2008 00:08:29



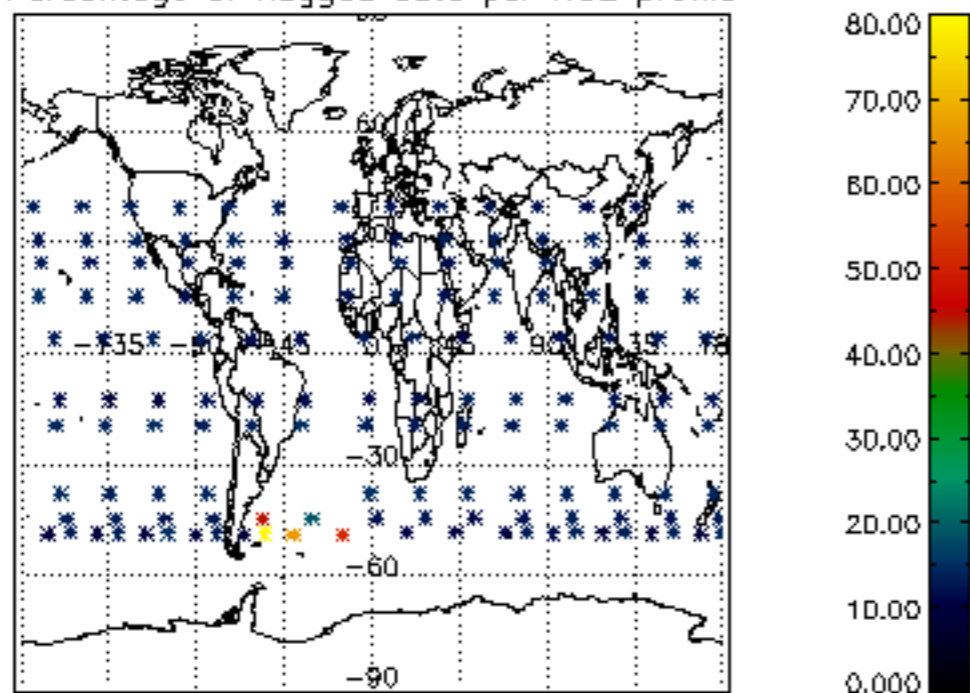
Percentage of flagged data per D3 profile



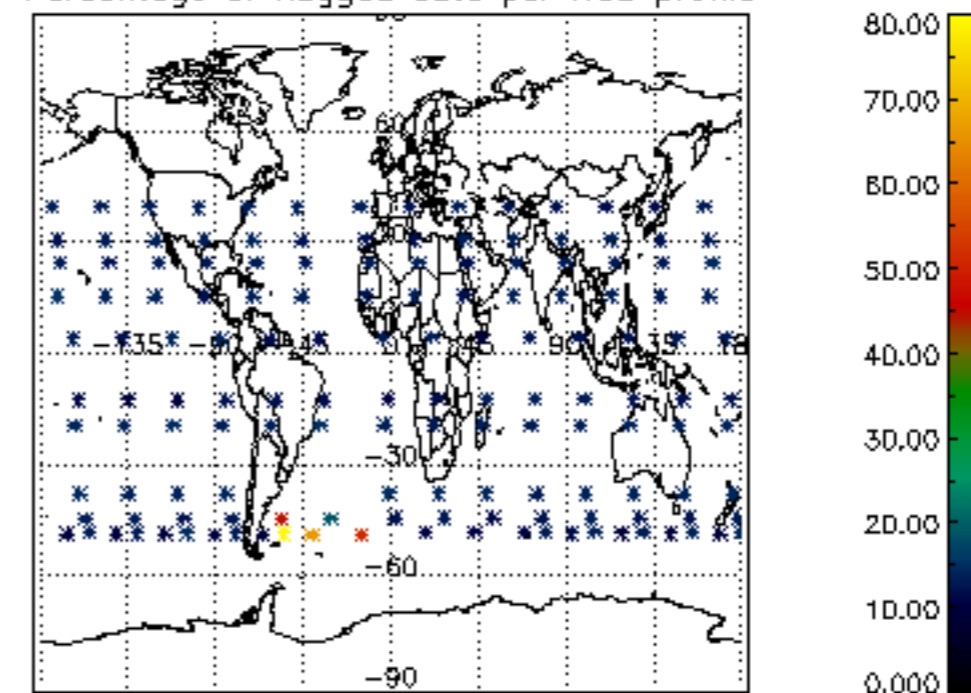
Percentage of flagged data per H2O profile

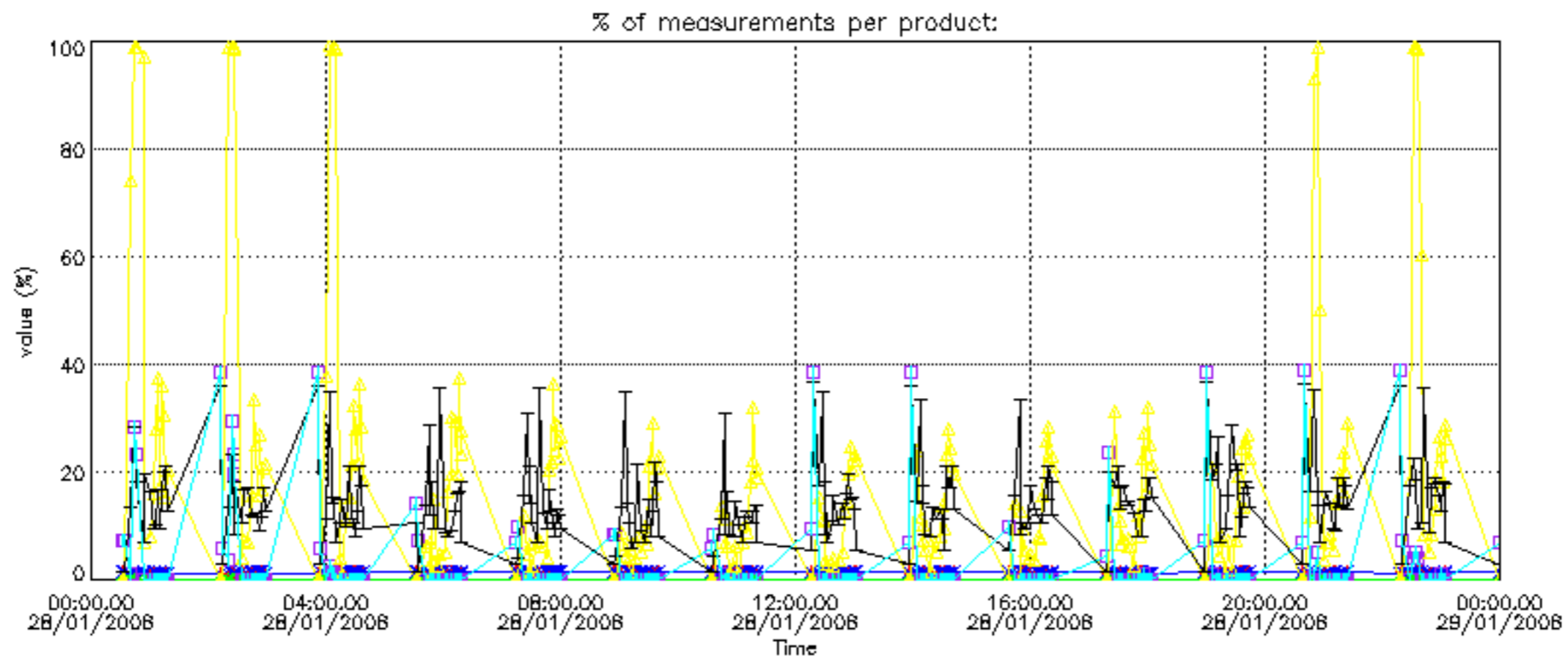
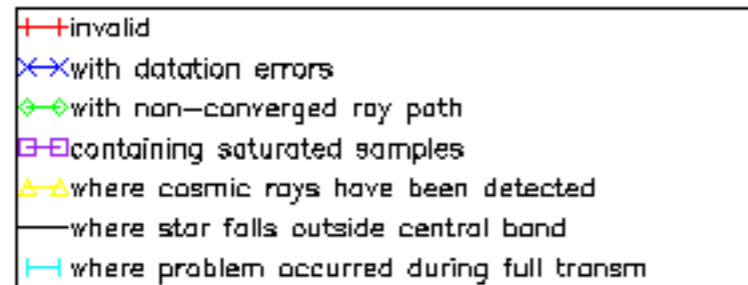


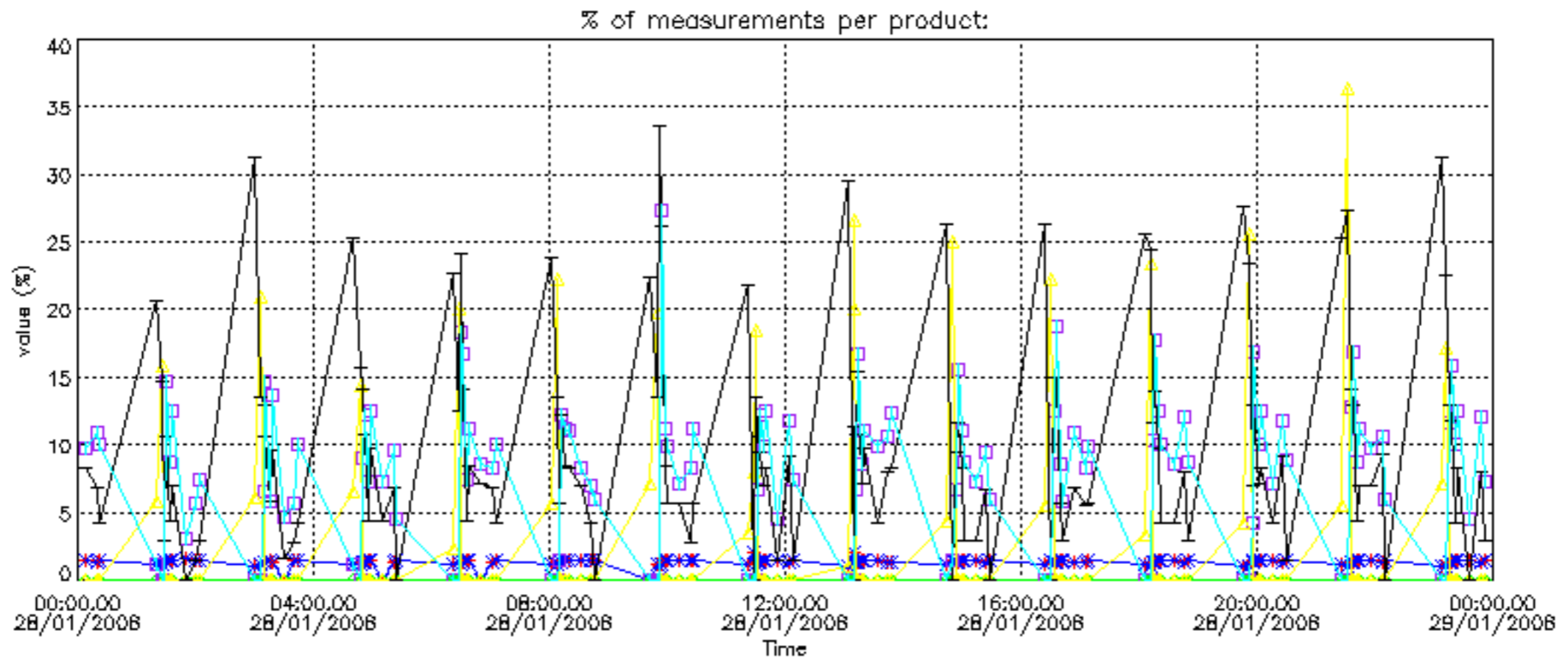
Percentage of flagged data per NO2 profile



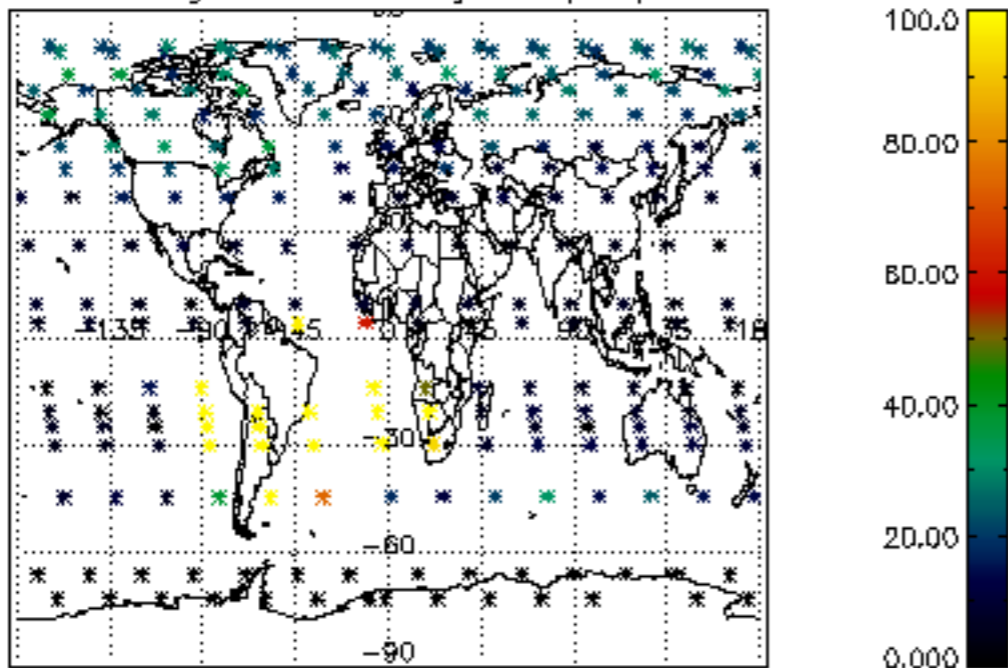
Percentage of flagged data per NO3 profile



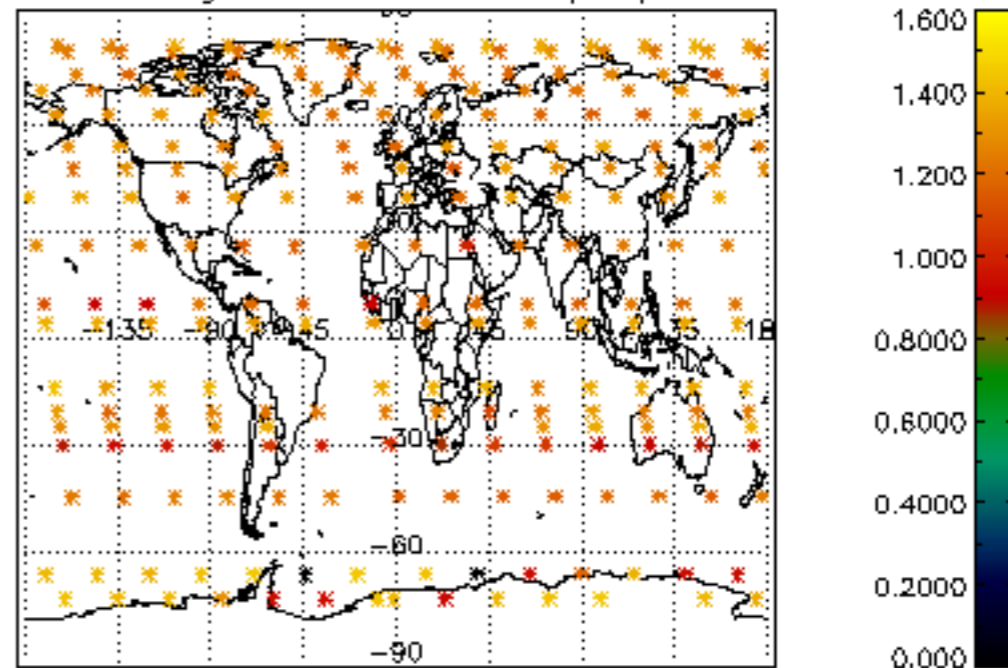




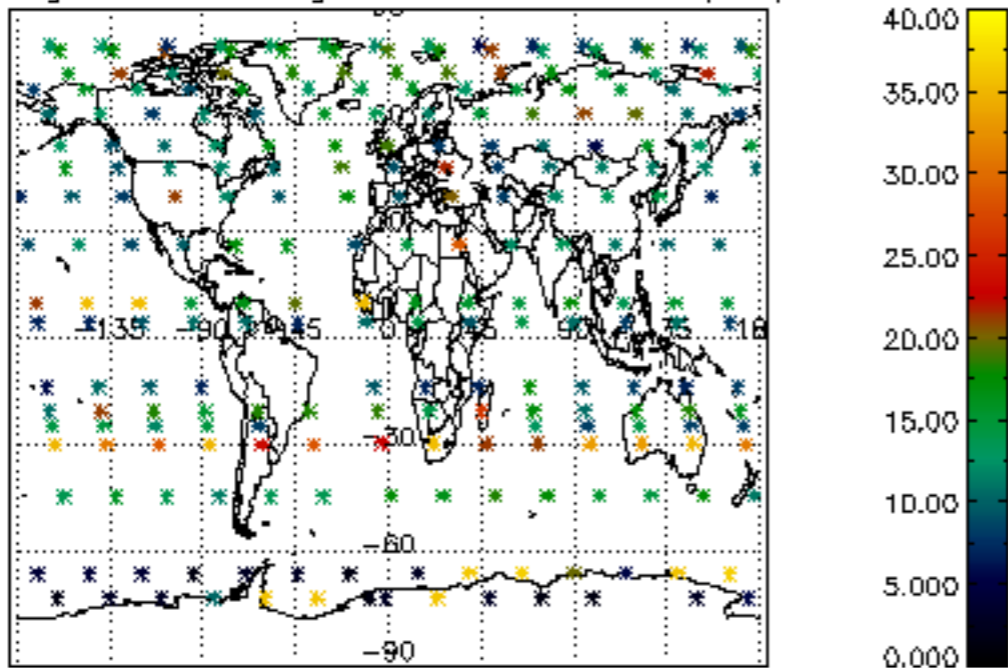
Percentage of cosmic ray hits per profile



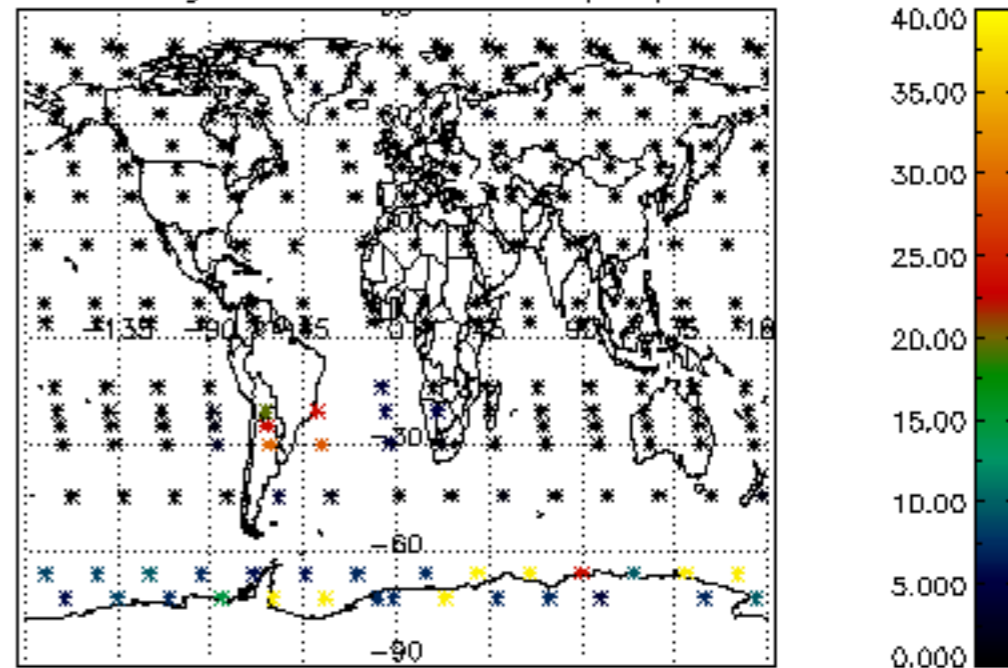
Percentage of datation errors per profile



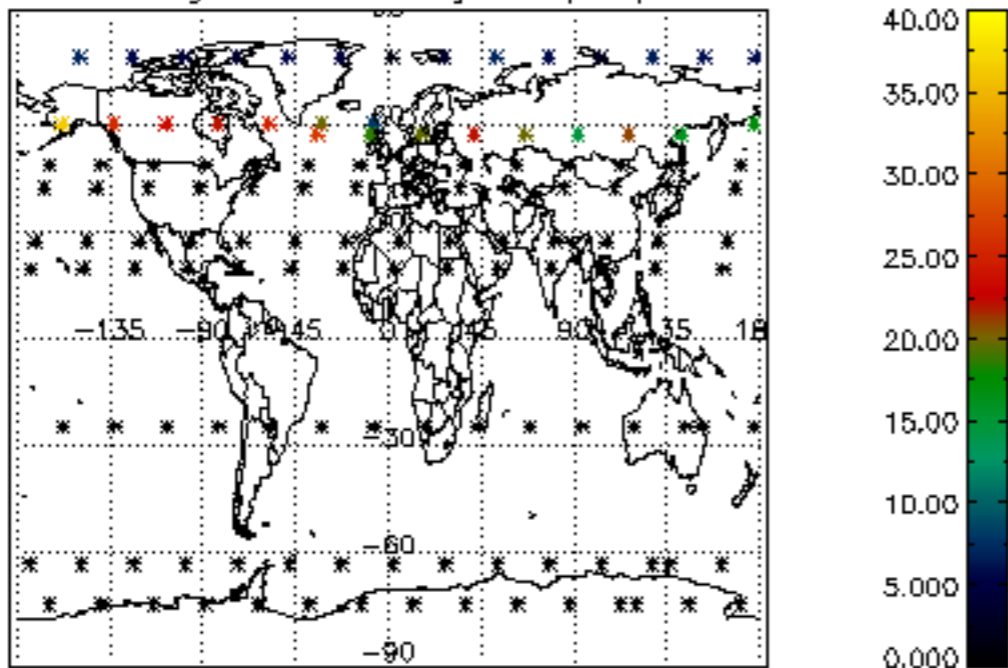
Percentage of star falling outside central band per profile



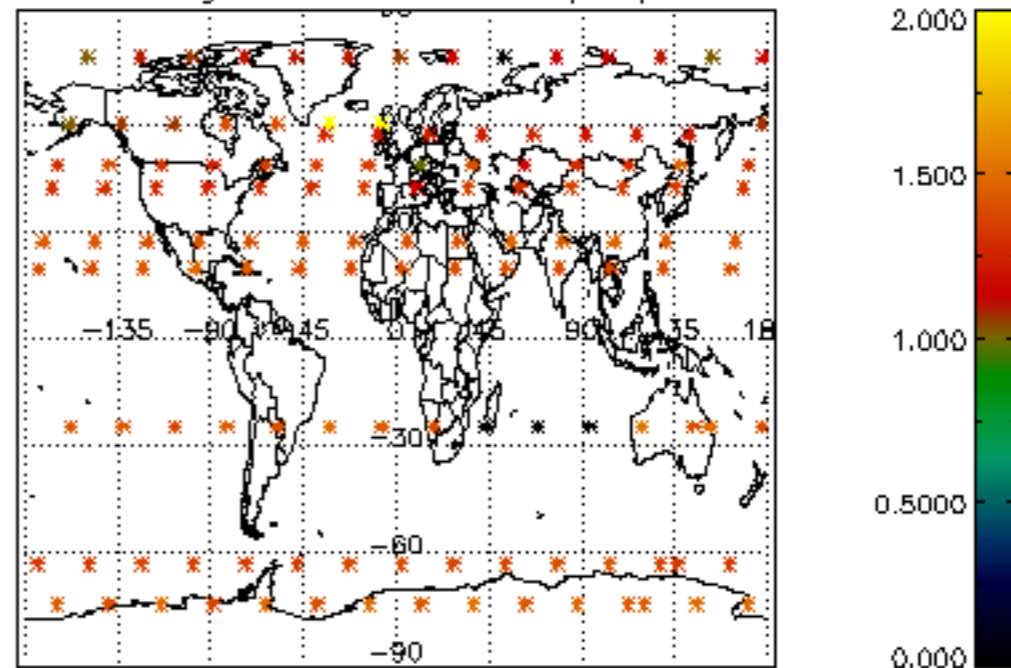
Percentage of saturation errors per profile



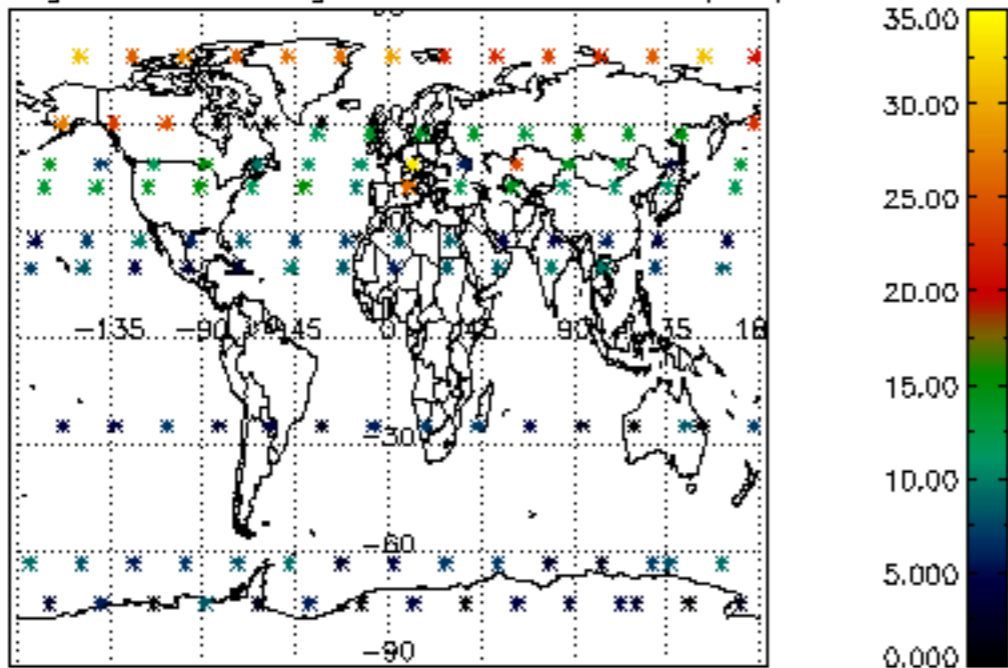
Percentage of cosmic ray hits per profile



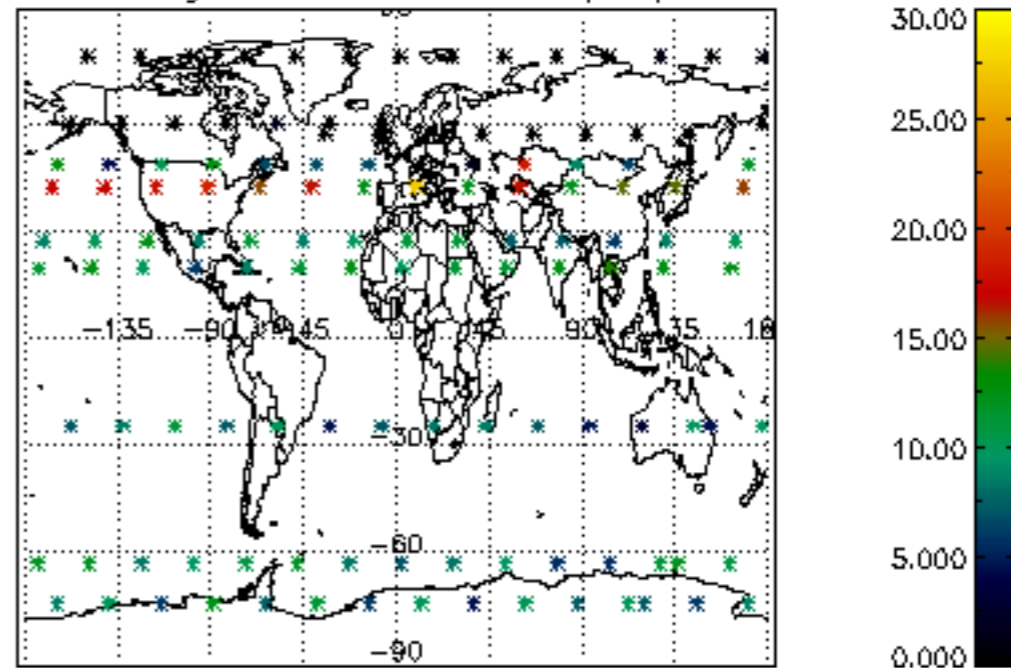
Percentage of datation errors per profile

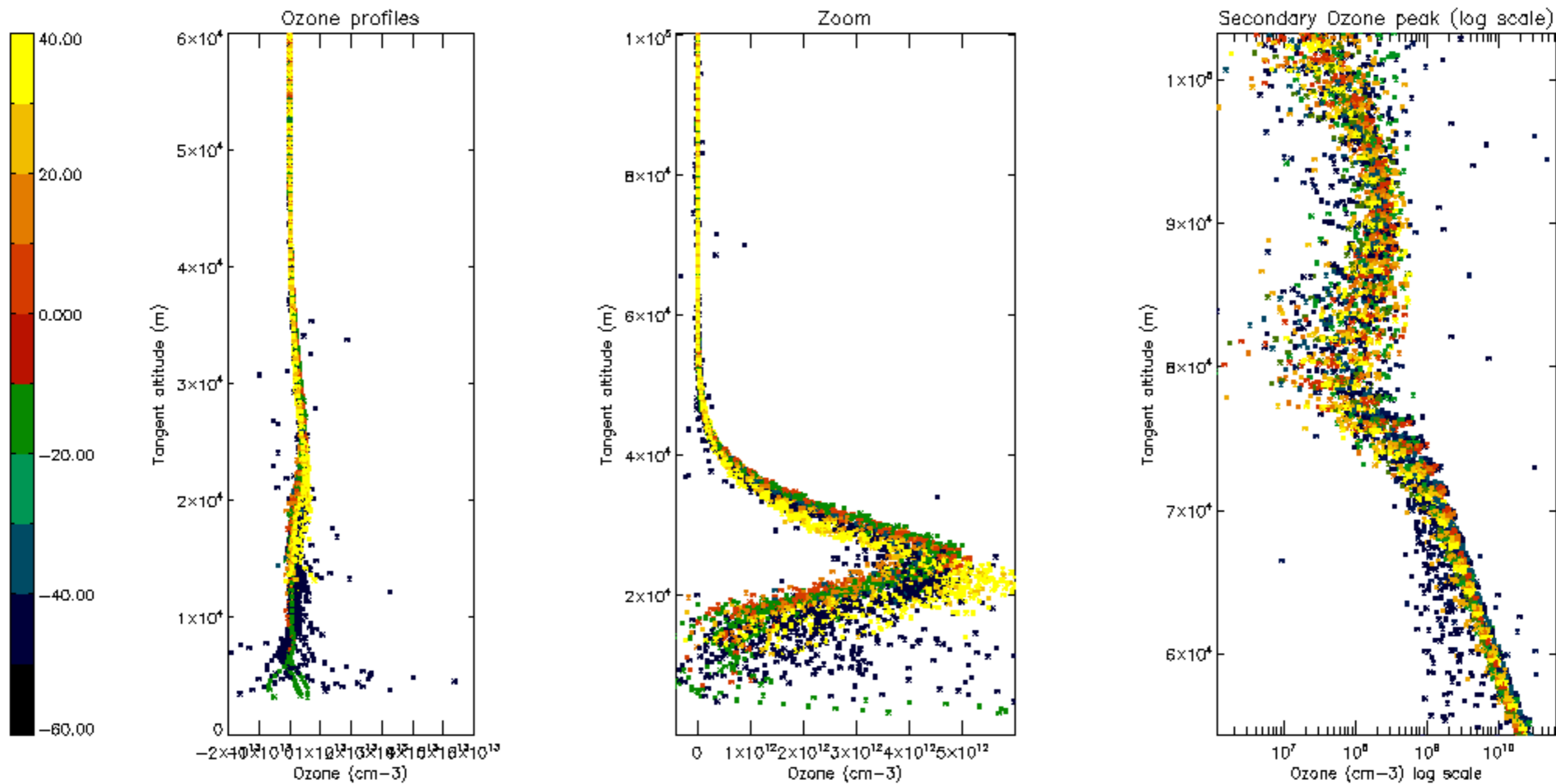


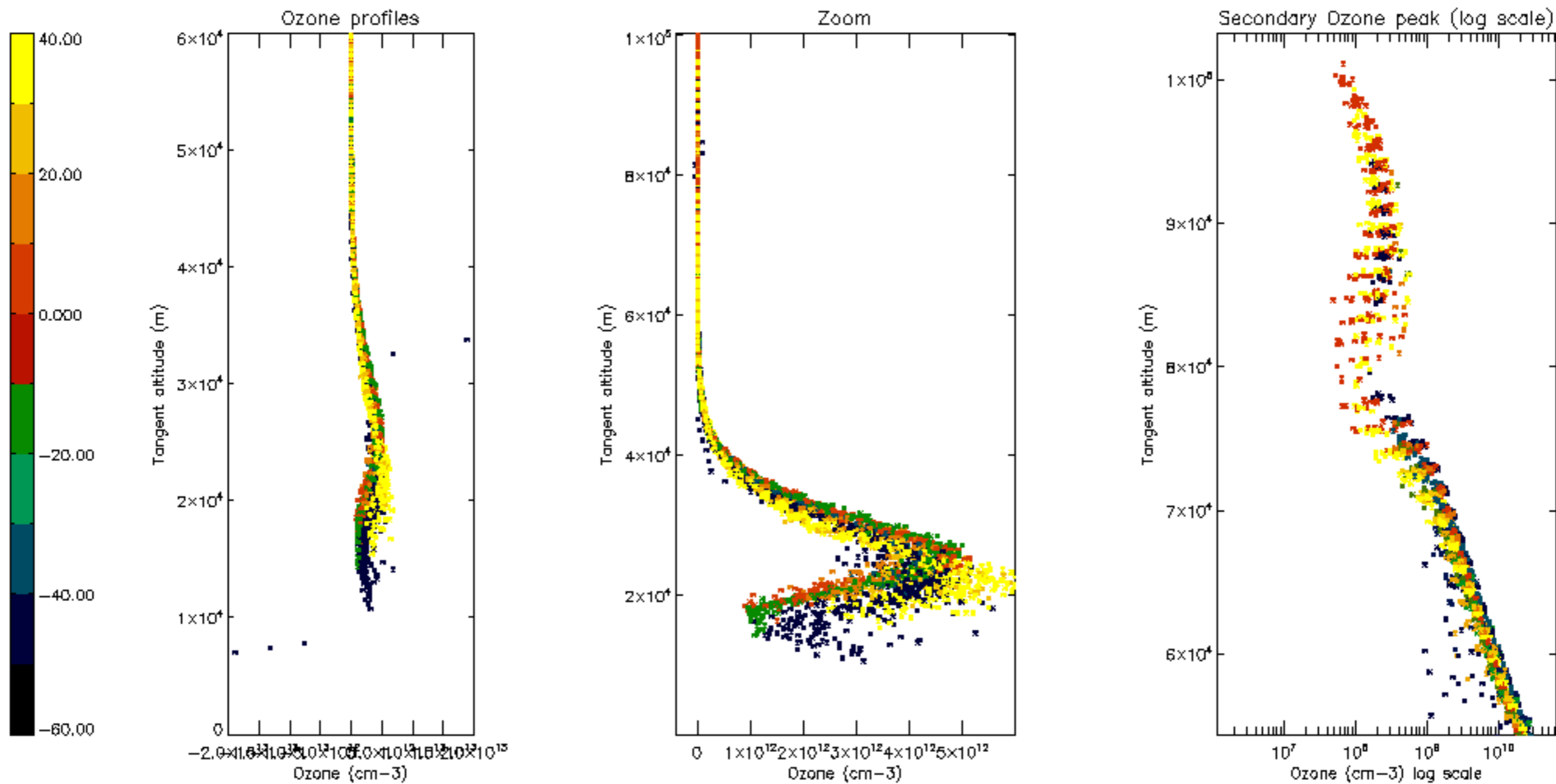
Percentage of star falling outside central band per profile

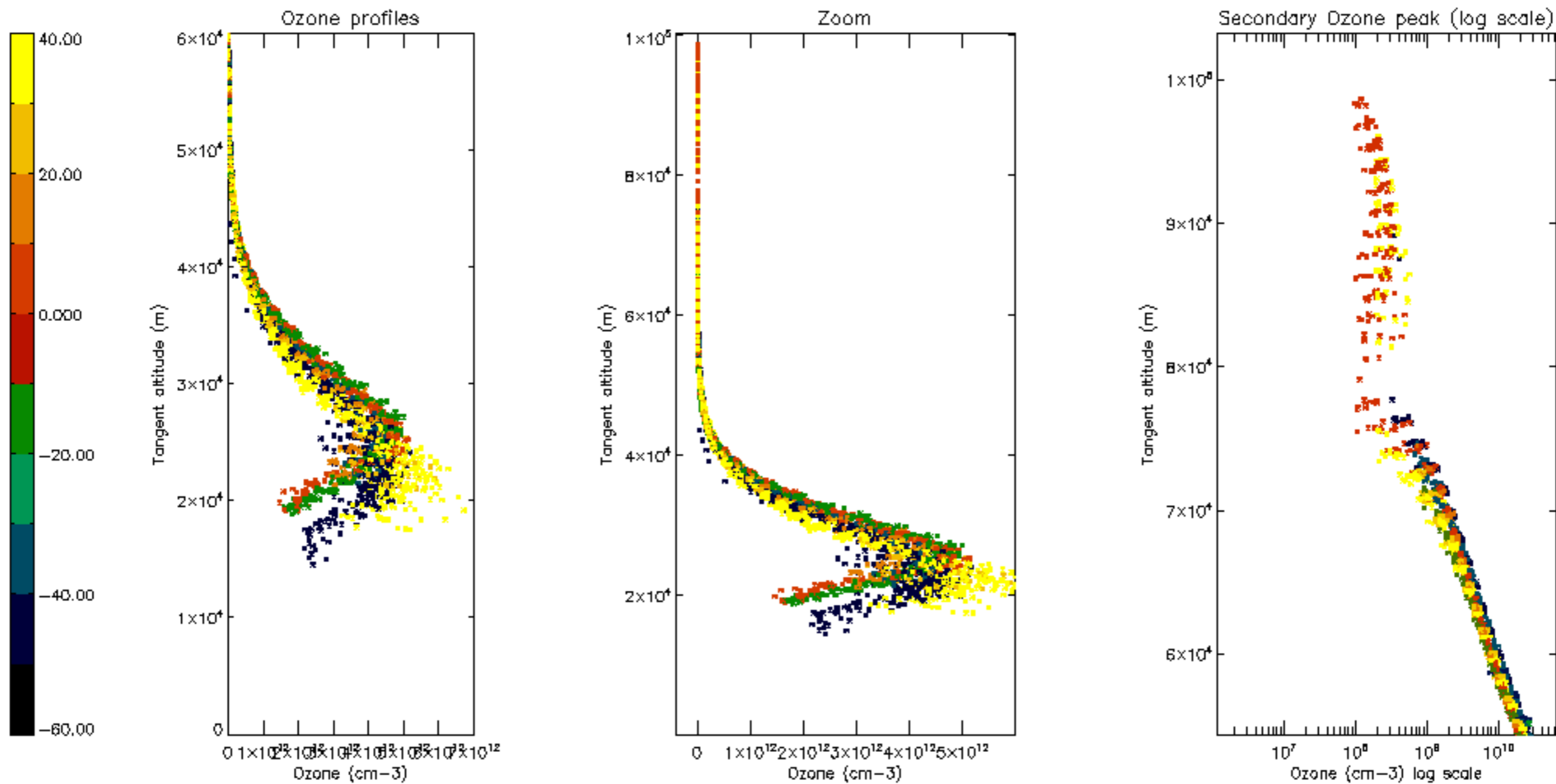


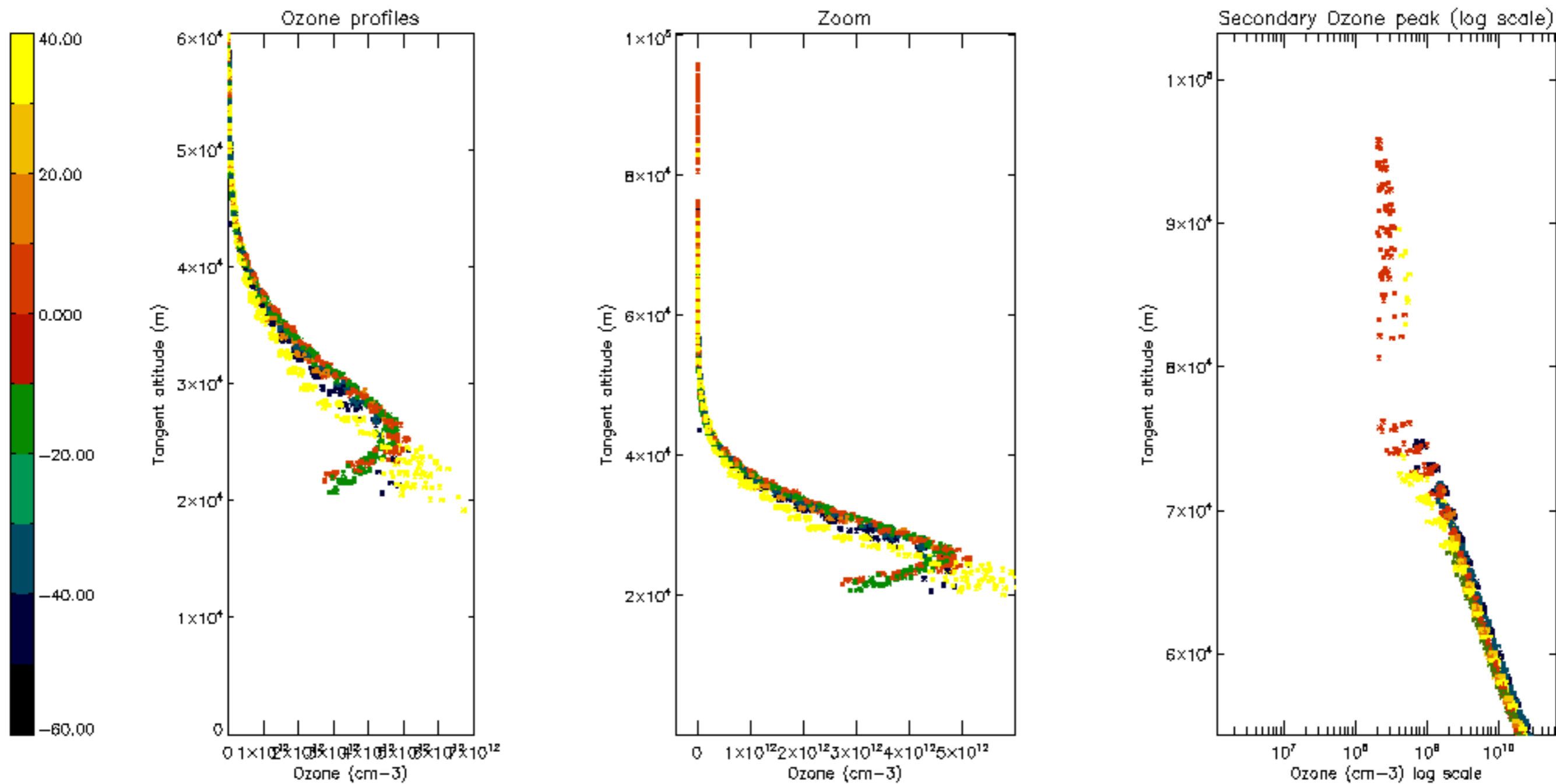
Percentage of saturation errors per profile

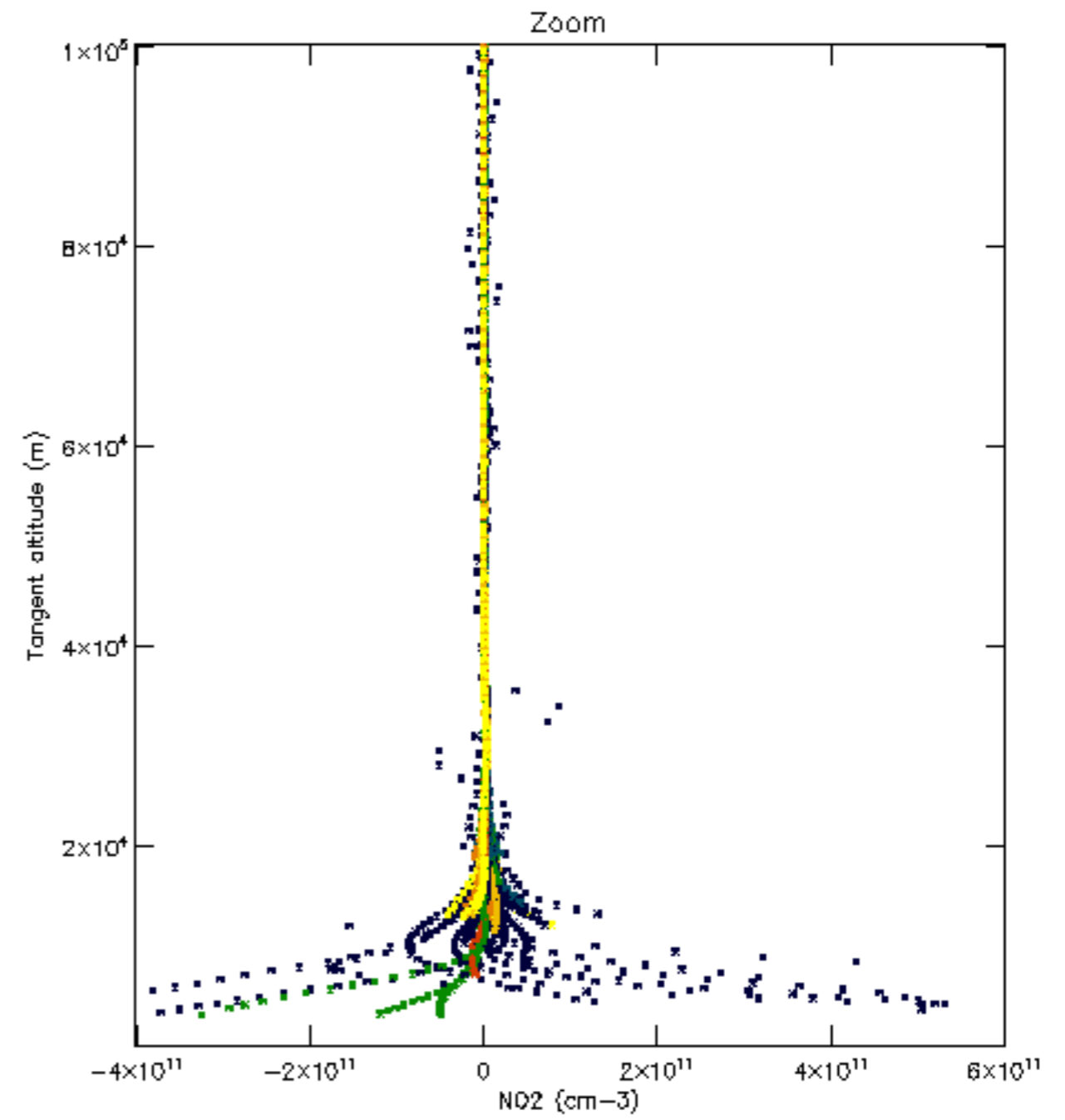
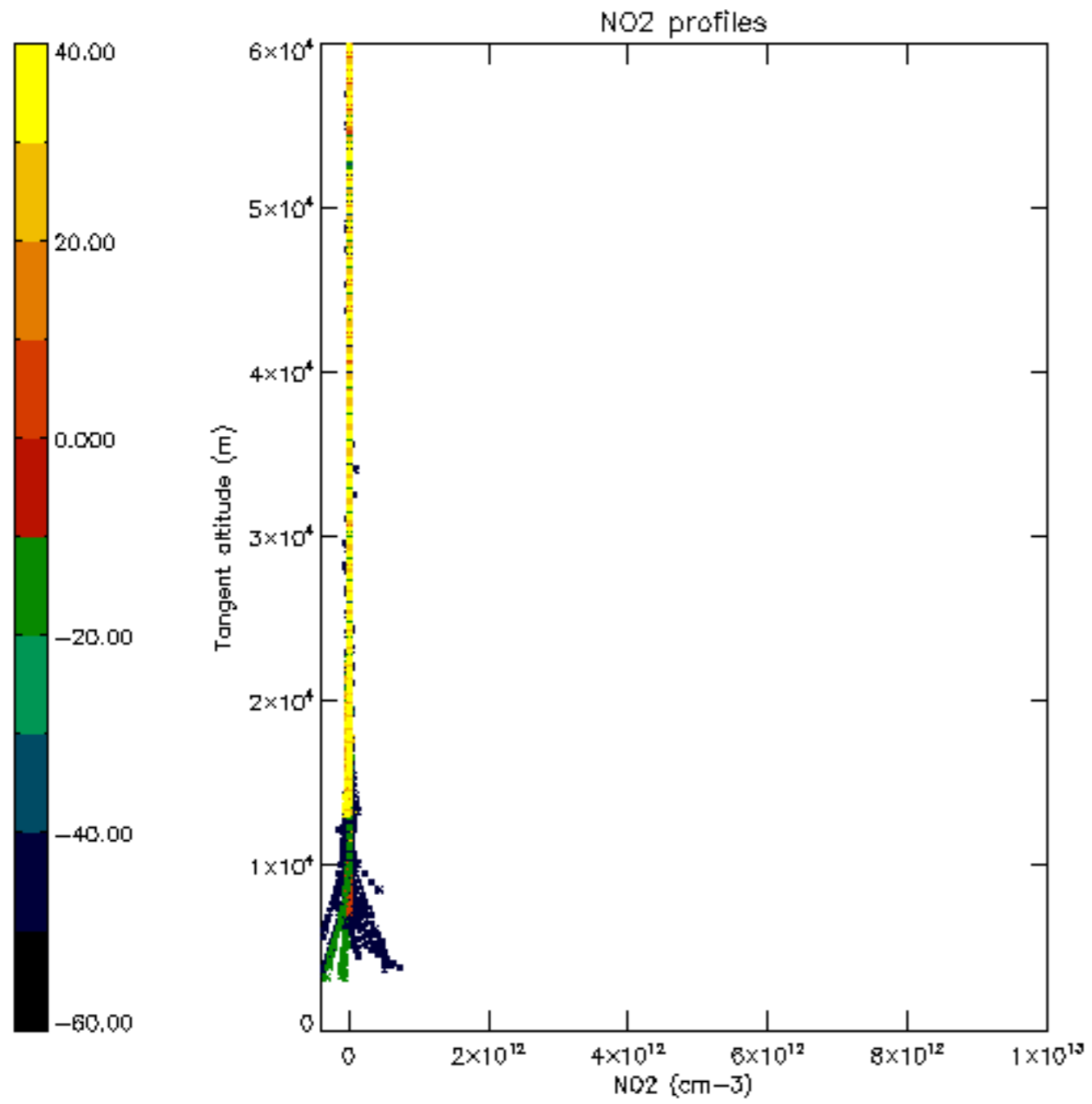


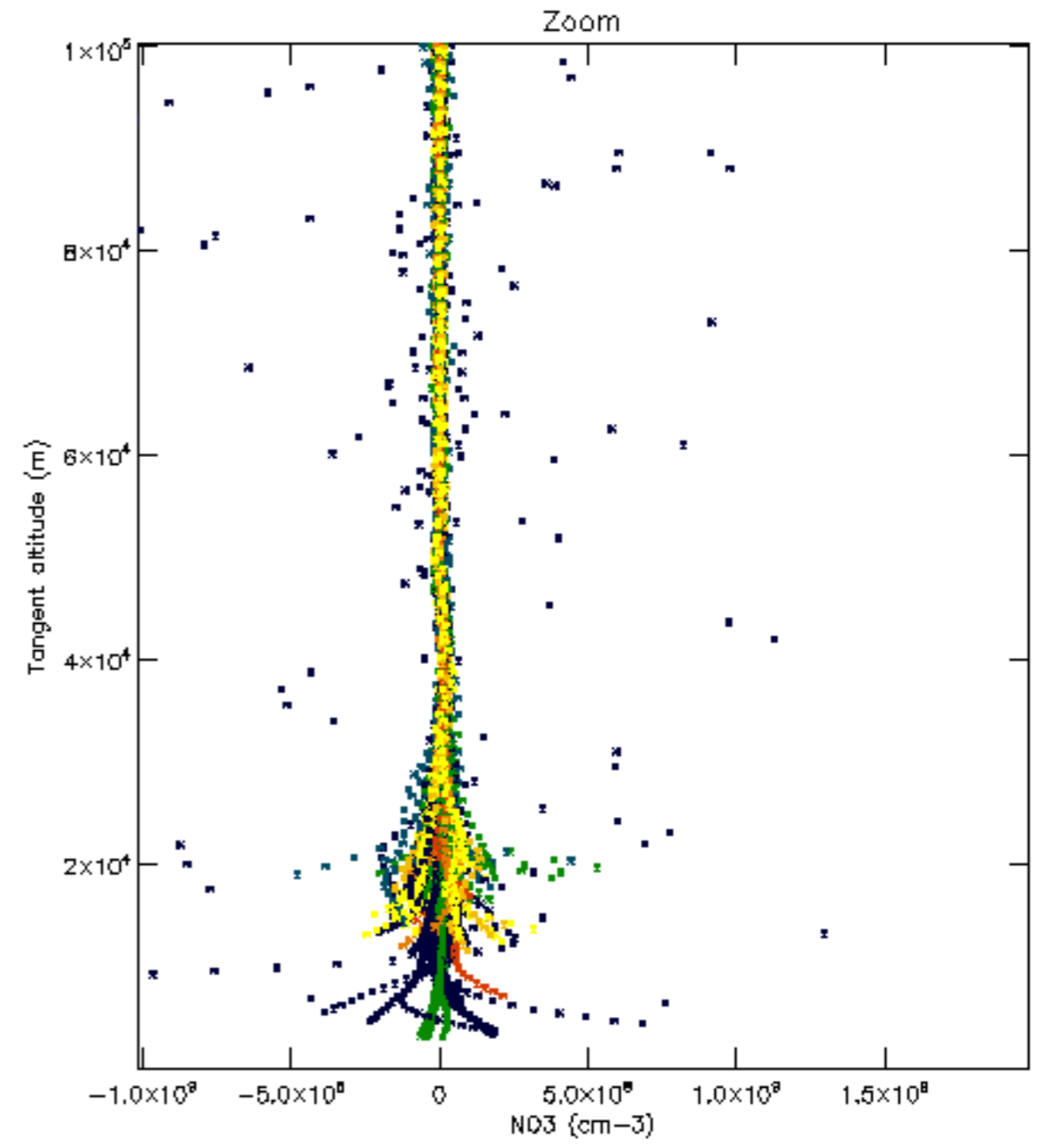
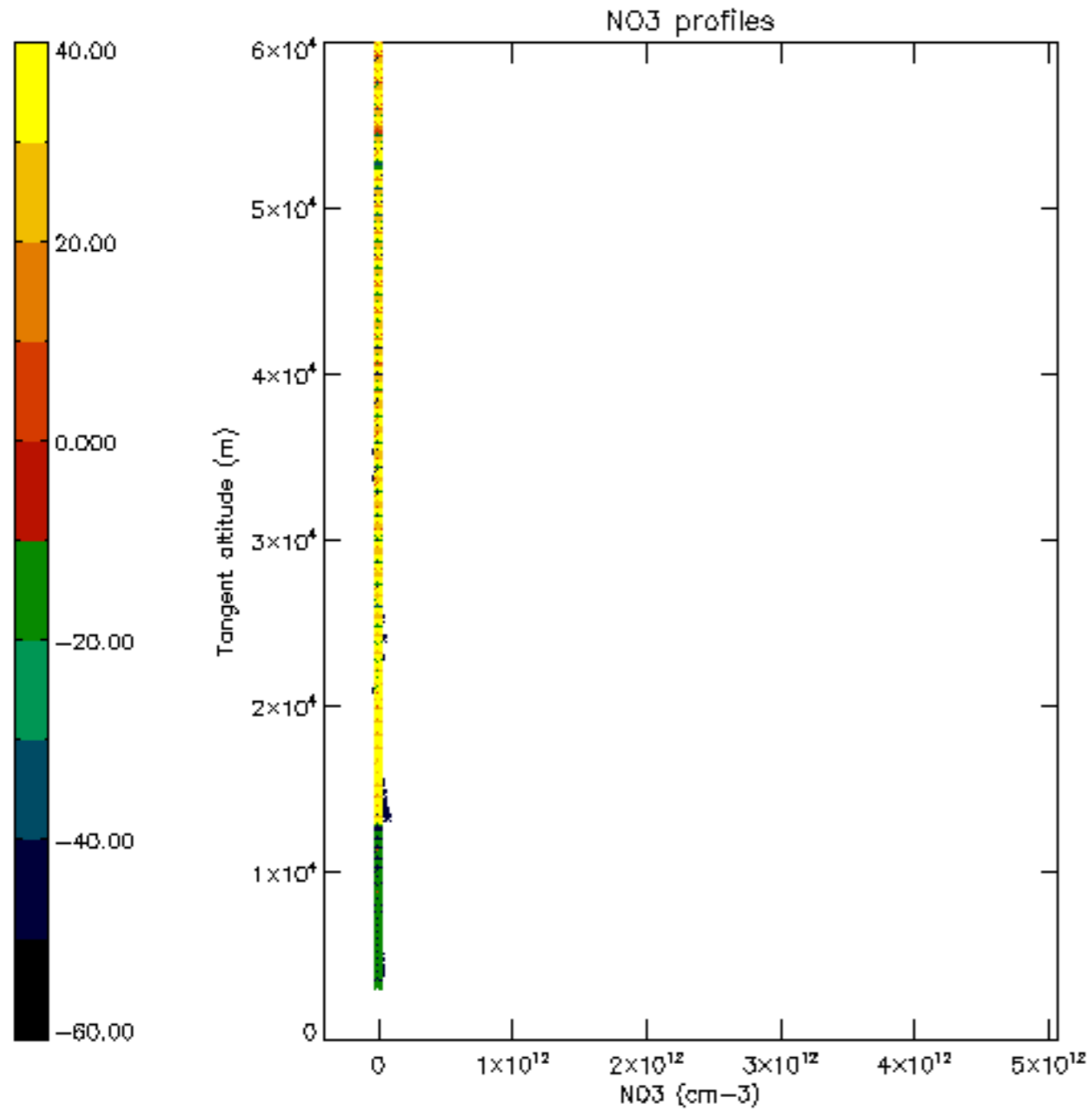


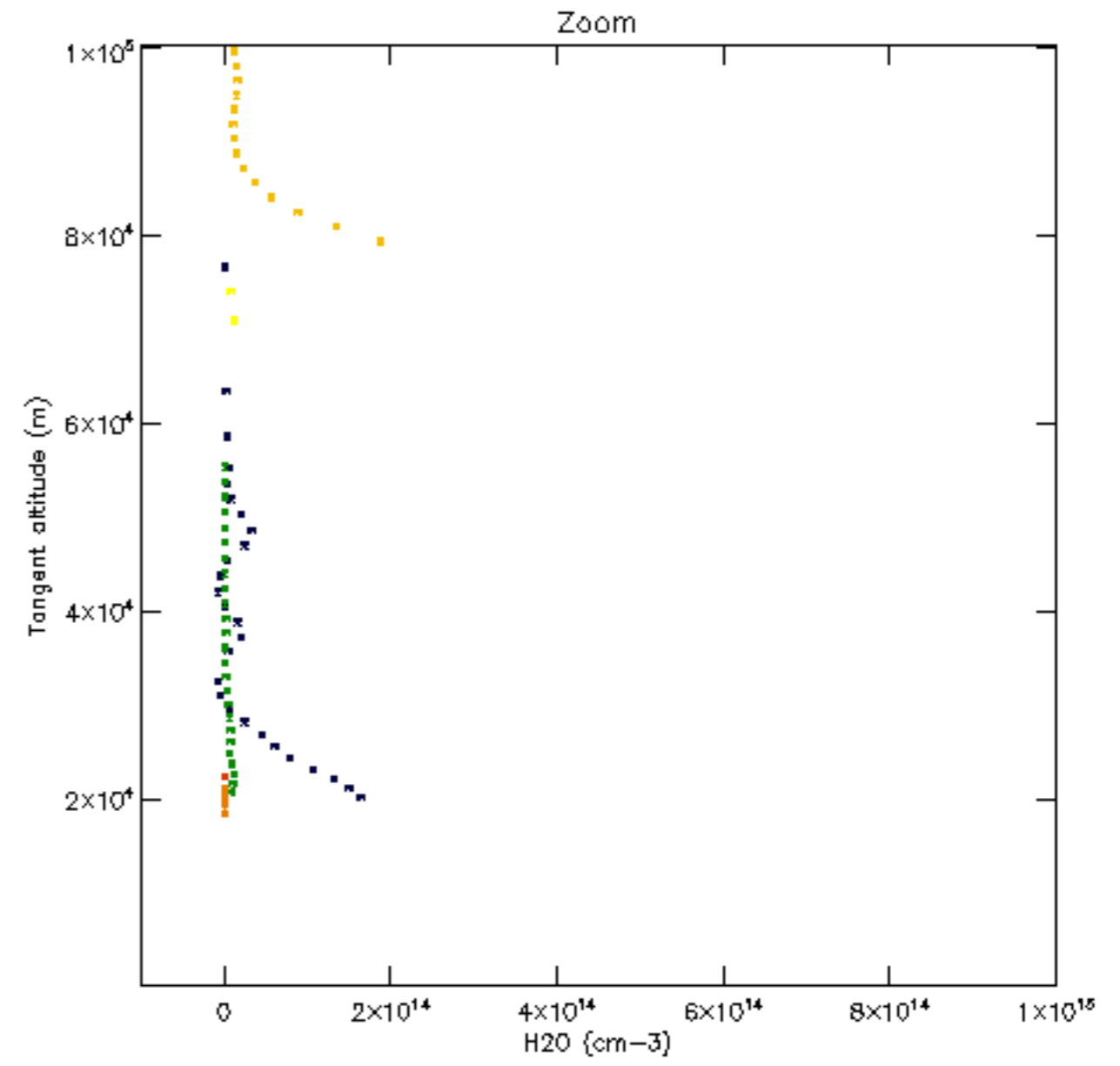
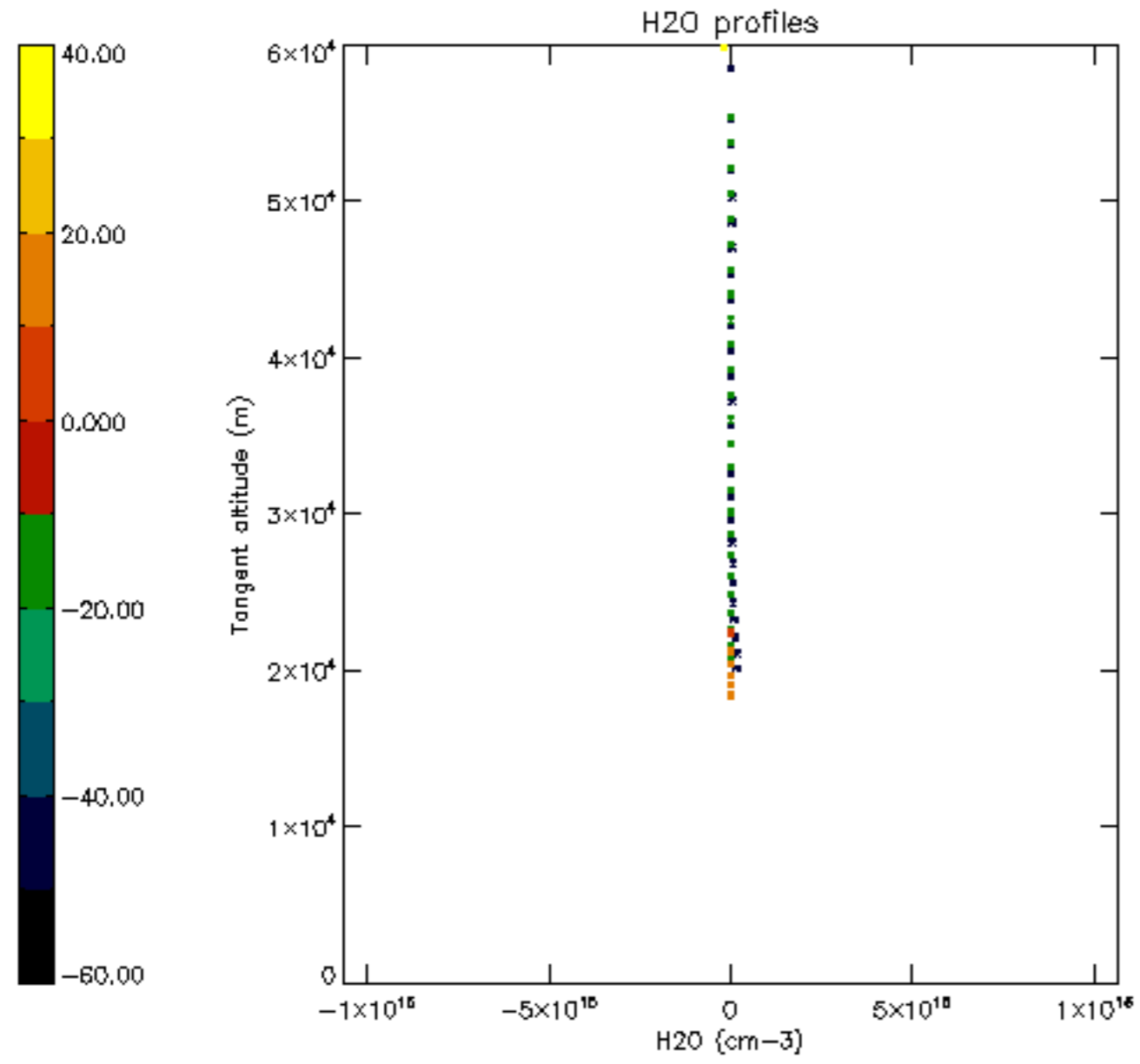


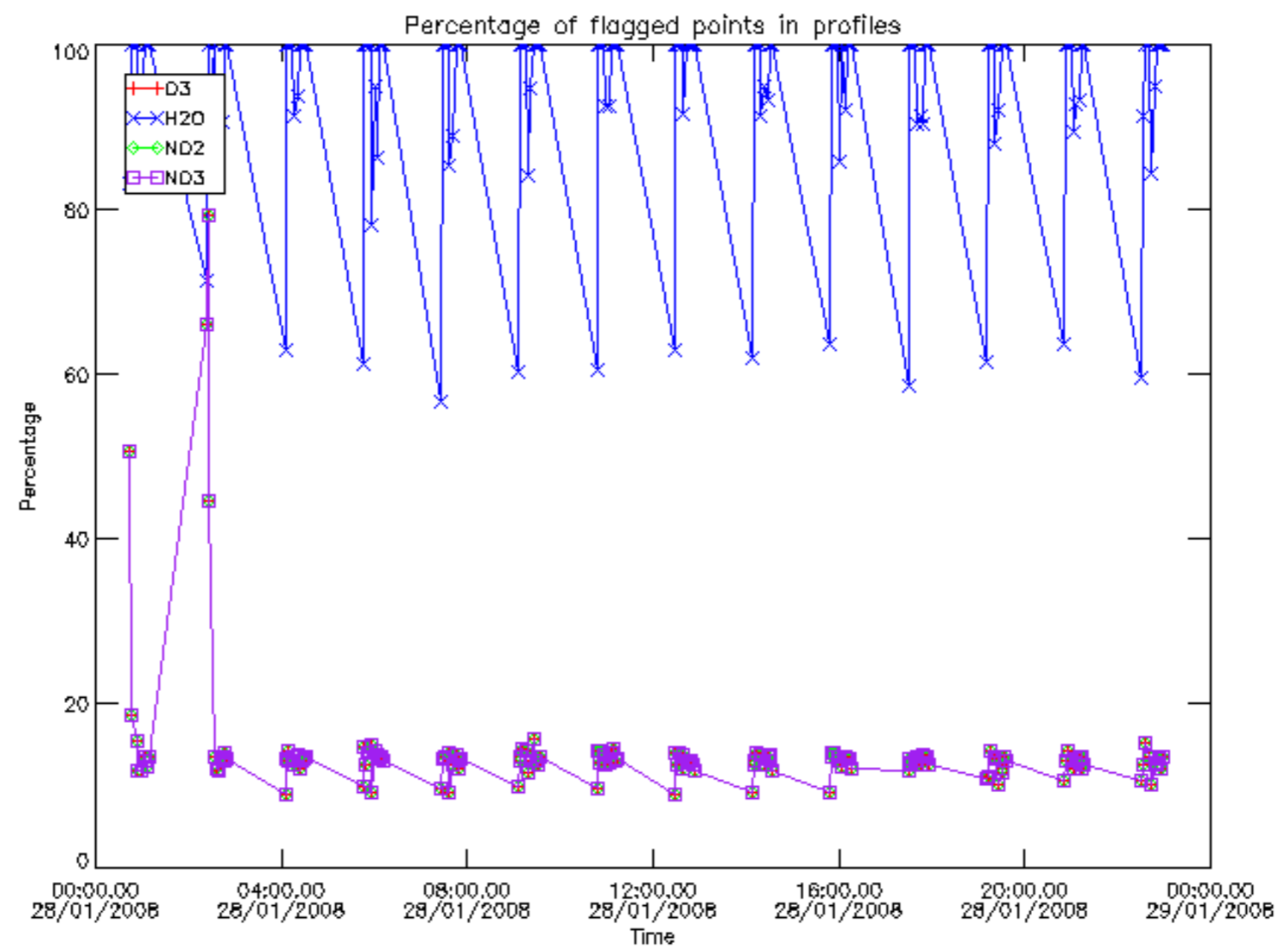




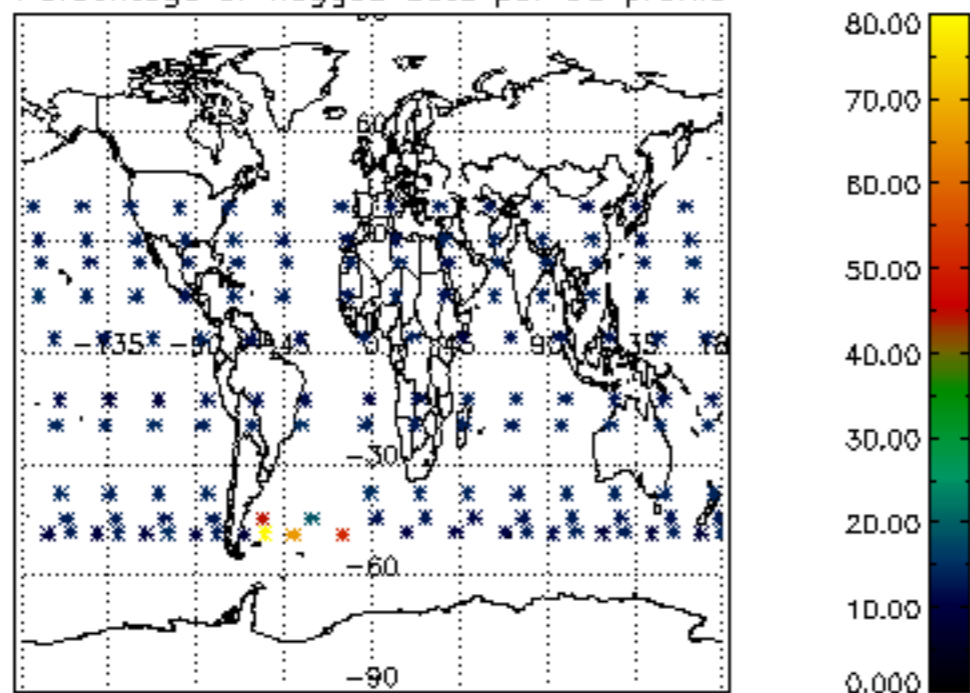




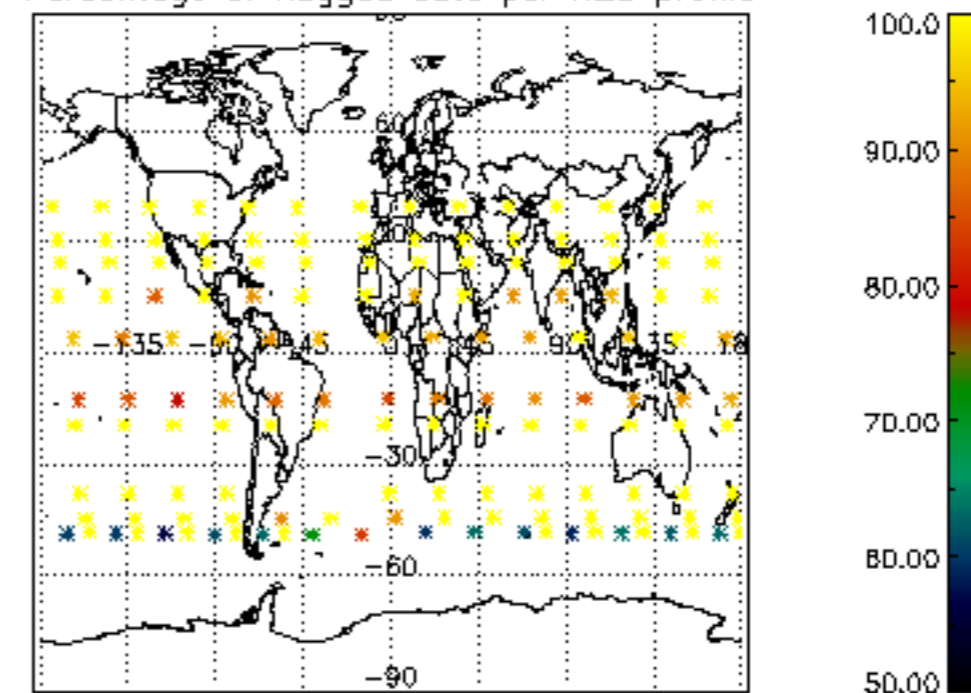




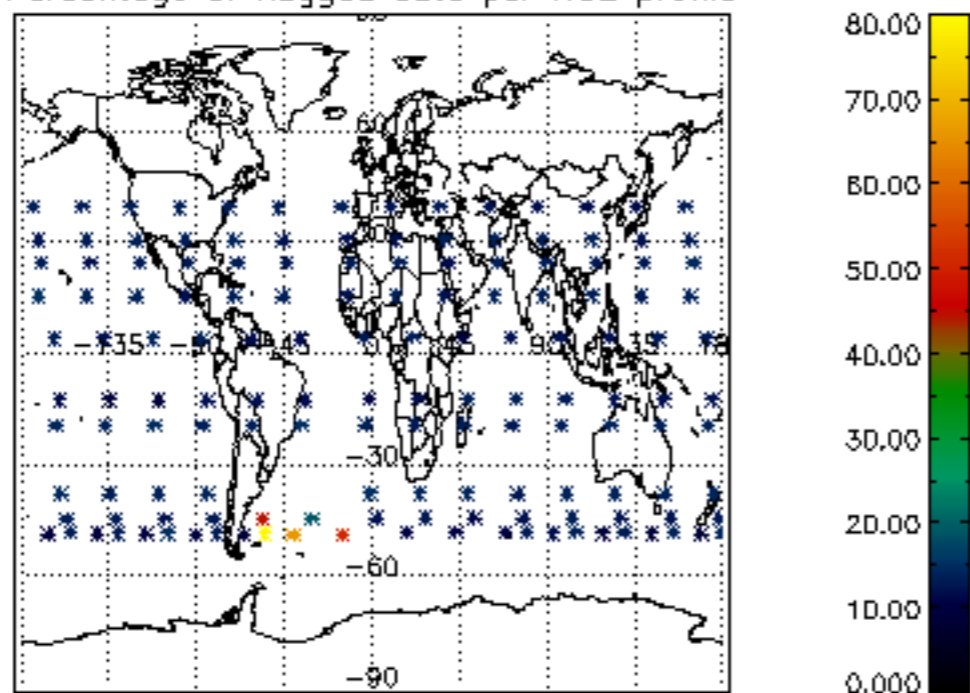
Percentage of flagged data per D3 profile



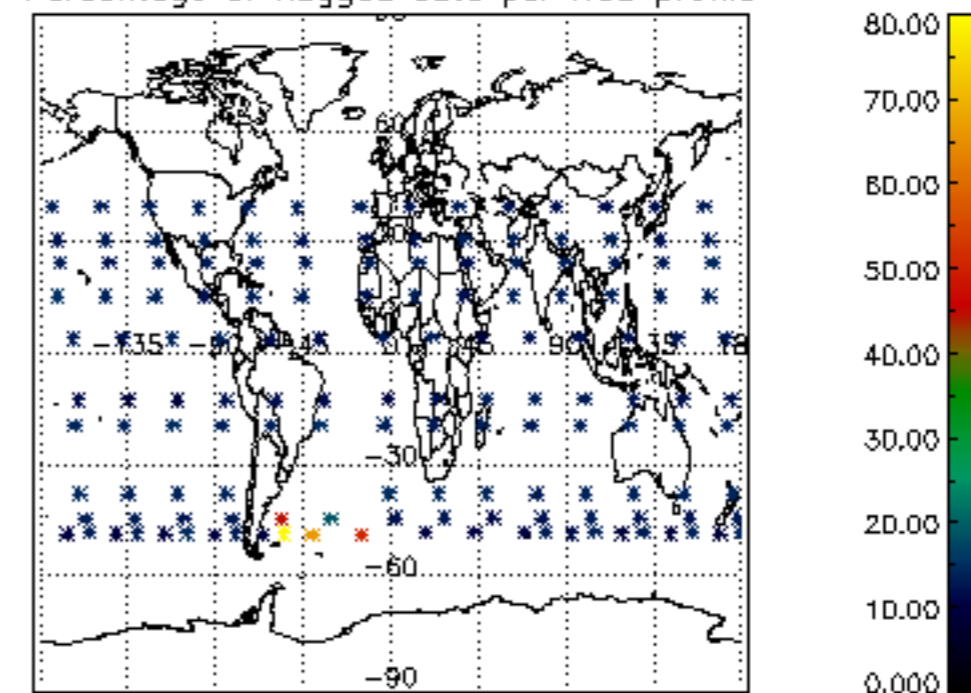
Percentage of flagged data per H2O profile

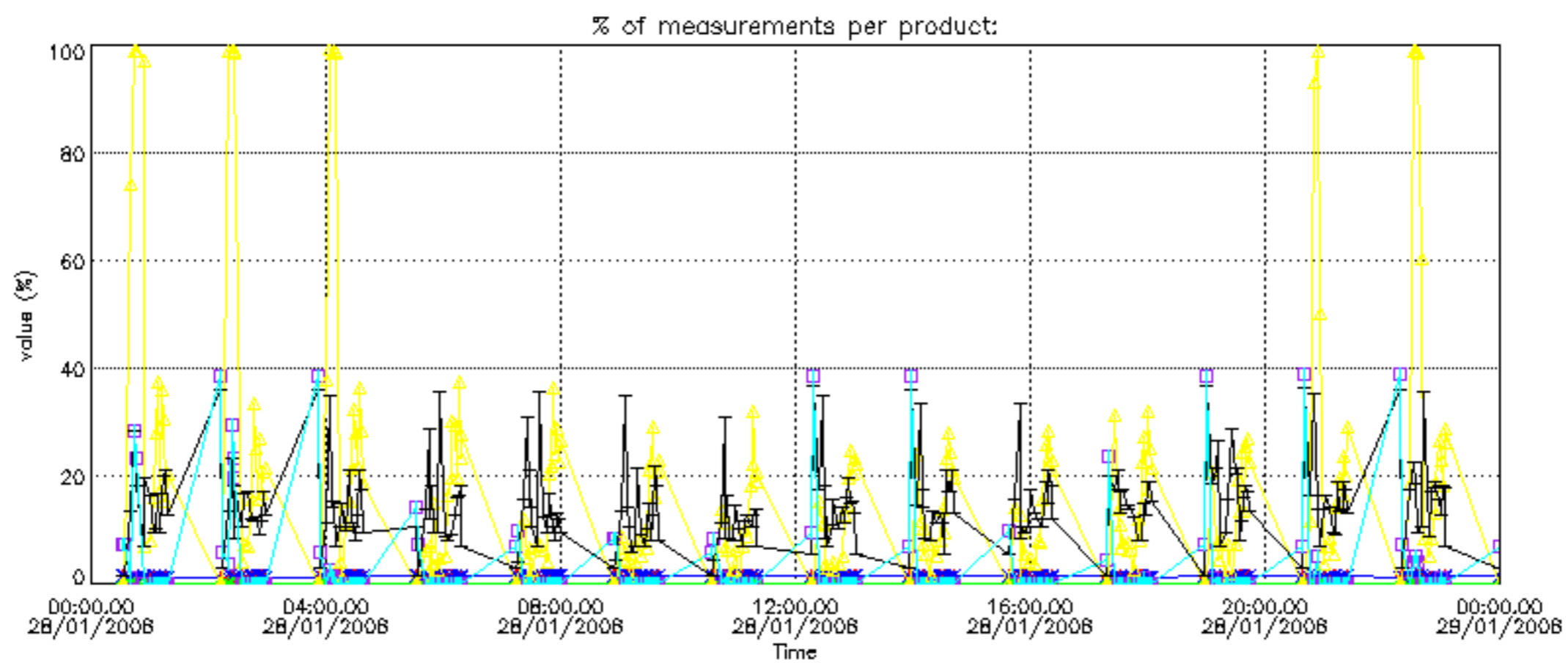


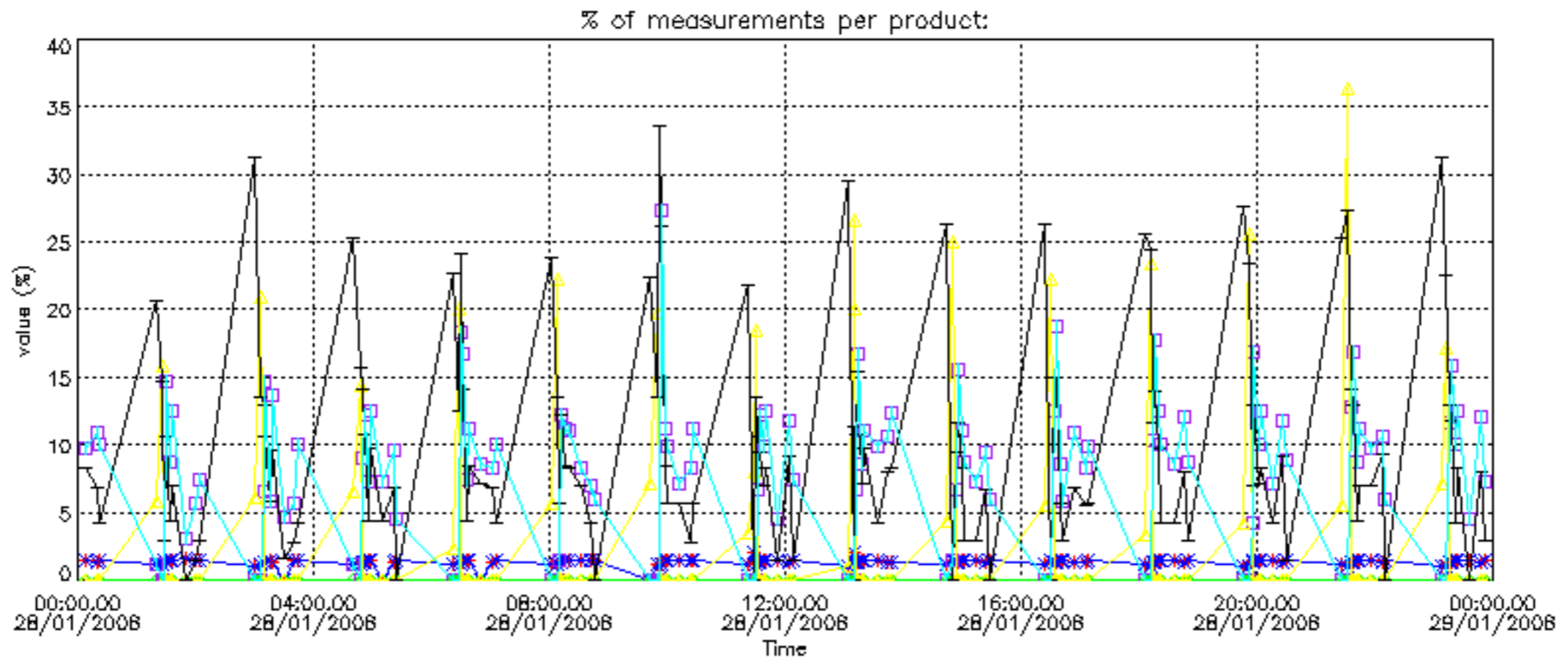
Percentage of flagged data per NO2 profile



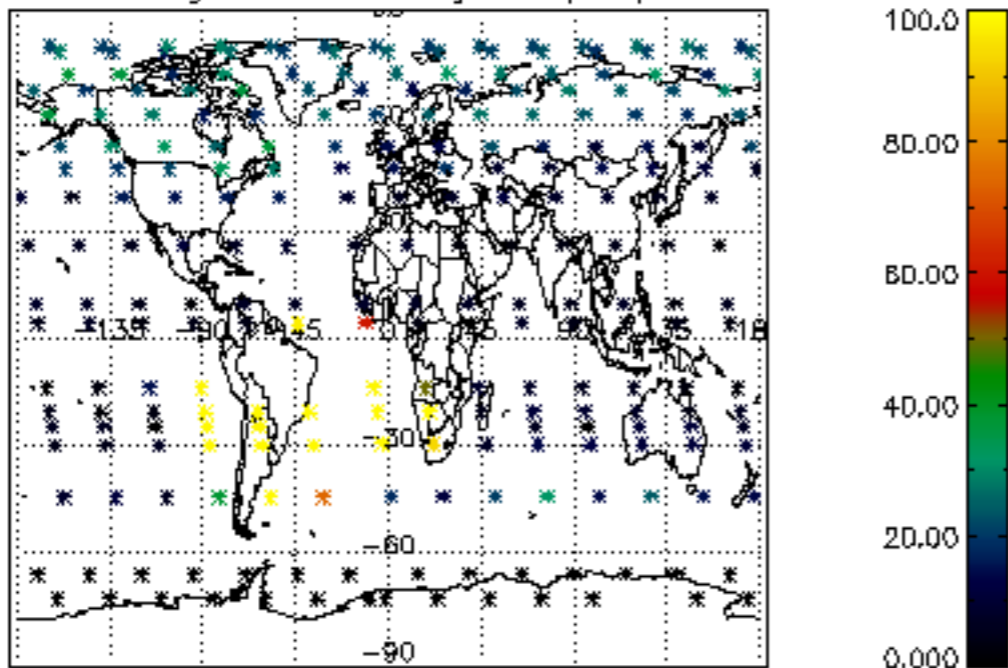
Percentage of flagged data per NO3 profile



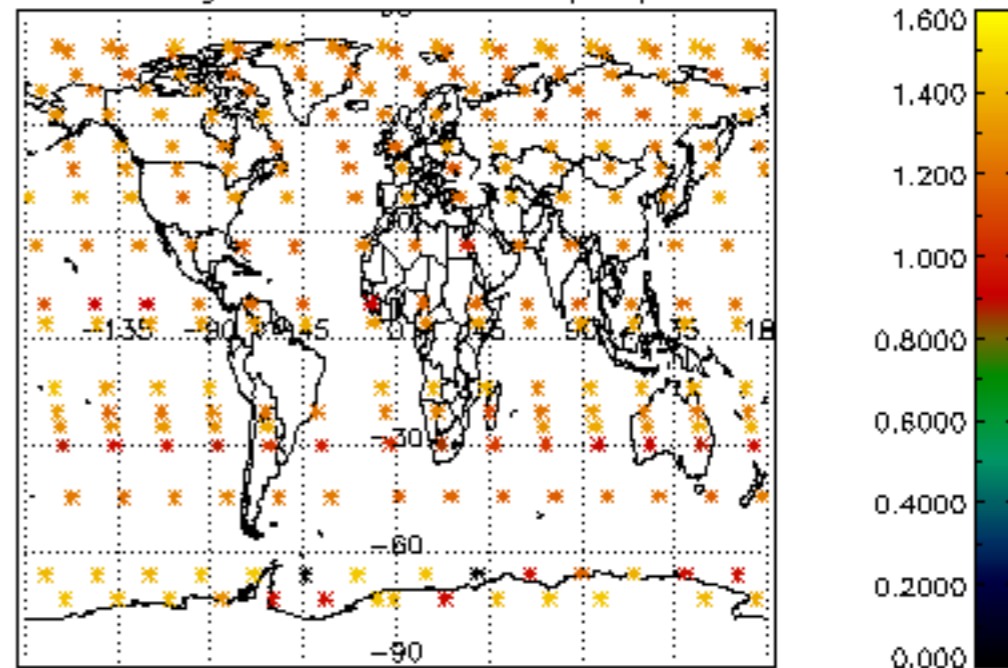




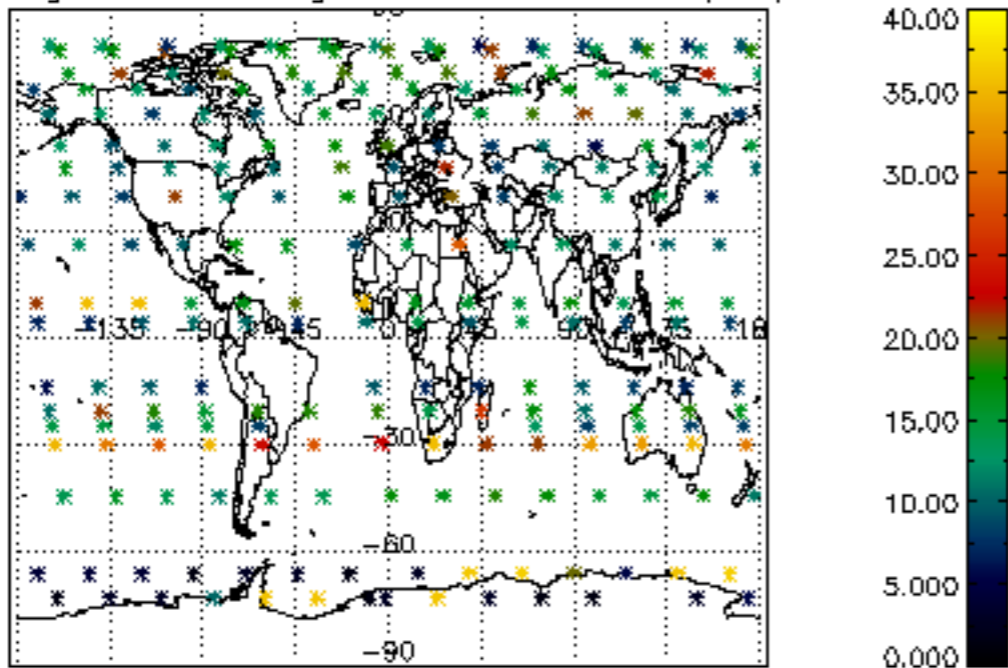
Percentage of cosmic ray hits per profile



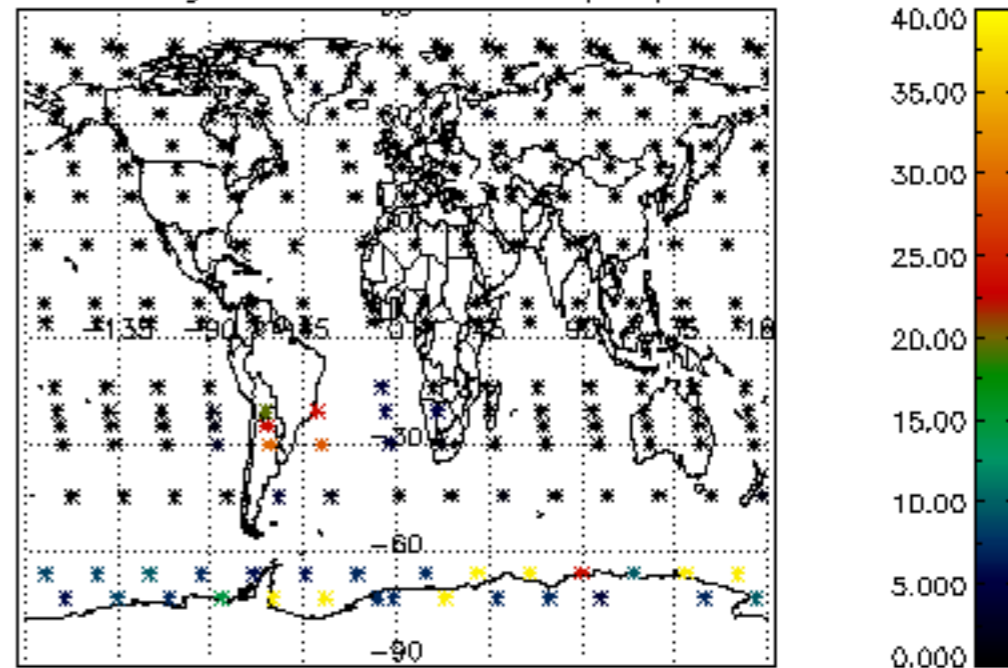
Percentage of datation errors per profile



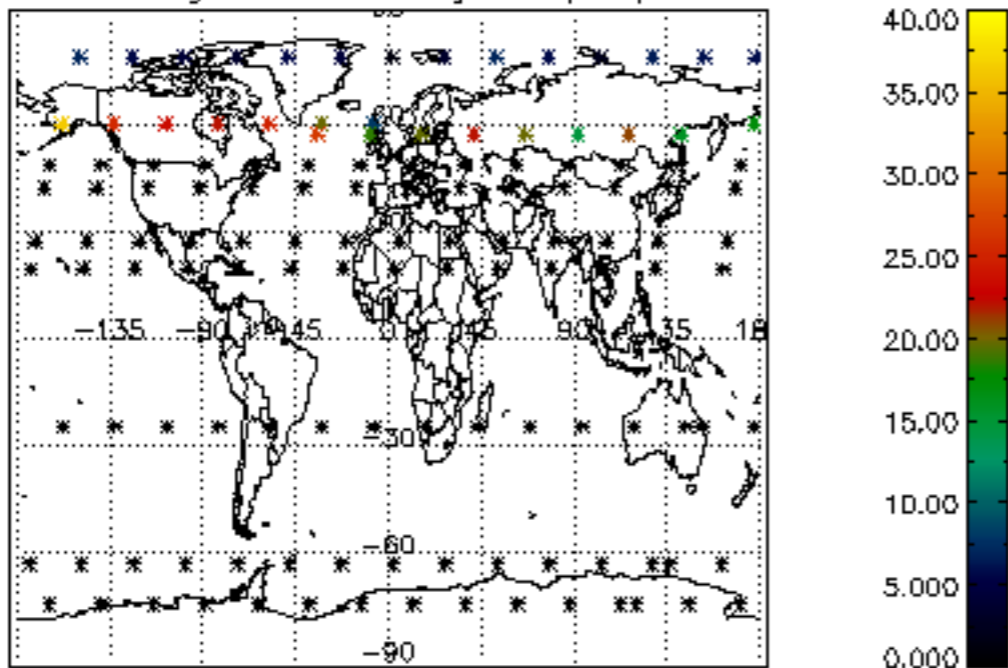
Percentage of star falling outside central band per profile



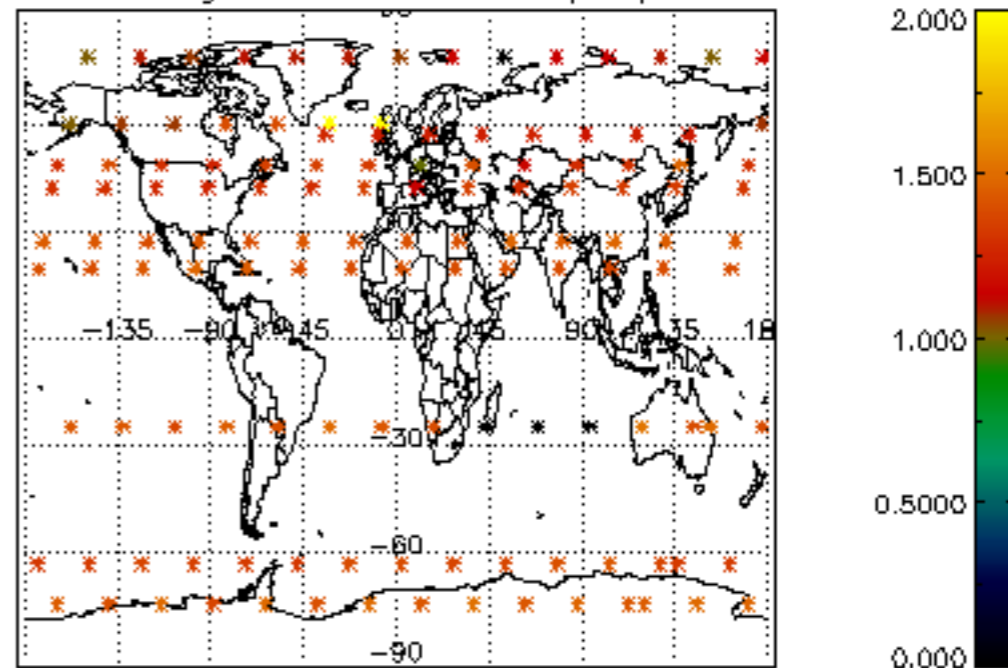
Percentage of saturation errors per profile



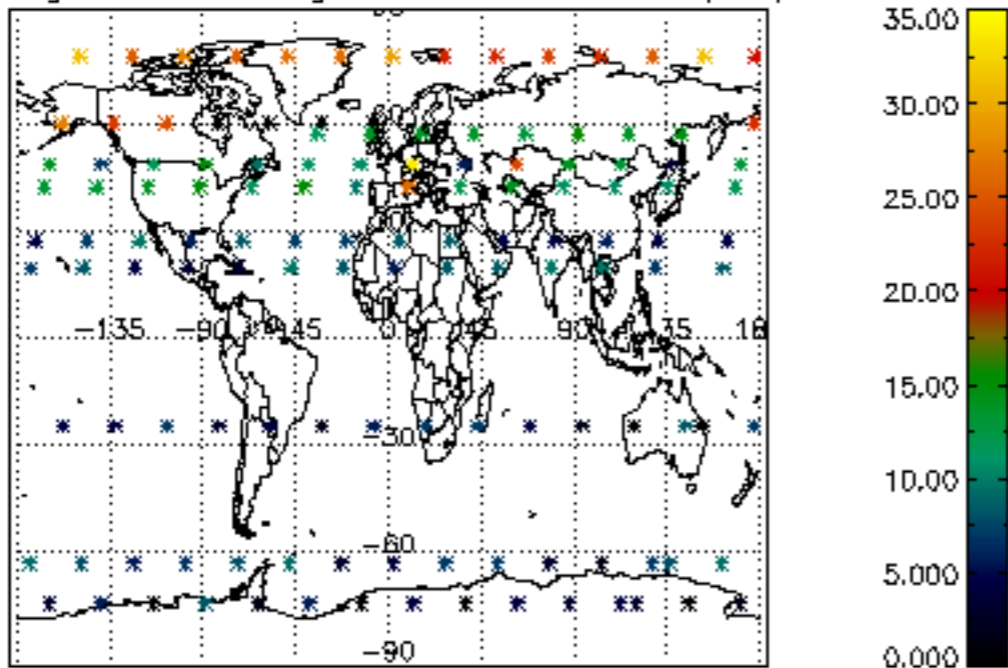
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

