

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 09:48:40
Data source version	GOMOS/6.01
Start time of products	31-01-2008 (31JAN2008 00:00:00)
Stop time of products	01-02-2008 (01FEB2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	397
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__2PRFIN20080131_000155_000000362065_00331_30946_2057.N1	31-JAN-2008 00:01:55	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30946	No
2	GOM_NL__2PRFIN20080131_001414_000000362065_00331_30946_2058.N1	31-JAN-2008 00:14:14	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30946	No
3	GOM_NL__2PRFIN20080131_002513_000000372065_00331_30946_2059.N1	31-JAN-2008 00:25:13	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30946	No
4	GOM_NL__2PRFIN20080131_002848_000000342065_00331_30946_2060.N1	31-JAN-2008 00:28:48	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30946	No
5	GOM_NL__2PRFIN20080131_003657_000000542065_00331_30946_2061.N1	31-JAN-2008 00:36:57	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	30946	No
6	GOM_NL__2PRFIN20080131_003905_000000532065_00331_30946_2062.N1	31-JAN-2008 00:39:05	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	30946	No
7	GOM_NL__2PRFIN20080131_004530_000000432065_00331_30946_2063.N1	31-JAN-2008 00:45:30	Twilight	43.000	86	35Eta Oph	2.4300	10200.	86	30946	No
8	GOM_NL__2PRFIN20080131_005036_000000422065_00331_30946_2064.N1	31-JAN-2008 00:50:36	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	30946	No
9	GOM_NL__2PRFIN20080131_005533_000000412065_00331_30946_2065.N1	31-JAN-2008 00:55:33	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	30946	No
10	GOM_NL__2PRFIN20080131_005906_000000392065_00332_30947_2058.N1	31-JAN-2008 00:59:06	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	30947	No
11	GOM_NL__2PRFIN20080131_010045_000000452065_00332_30947_2059.N1	31-JAN-2008 01:00:45	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	30947	No
12	GOM_NL__2PRFIN20080131_010521_000000442065_00332_30947_2060.N1	31-JAN-2008 01:05:21	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	30947	No
13	GOM_NL__2PRFIN20080131_010859_000000372065_00332_30947_2061.N1	31-JAN-2008 01:08:59	Dark	37.000	29	Bet Car	1.6720	10200.	74	30947	No
14	GOM_NL__2PRFIN20080131_011119_000000412065_00332_30947_2062.N1	31-JAN-2008 01:11:19	Dark	41.000	71	lot Car	2.2460	7700.0	82	30947	No
15	GOM_NL__2PRFIN20080131_011304_000000412065_00332_30947_2063.N1	31-JAN-2008 01:13:04	Dark	40.500	46	Del Vel	1.9540	10600.	81	30947	No
16	GOM_NL__2PRFIN20080131_011537_000000392065_00332_30947_2064.N1	31-JAN-2008 01:15:37	Dark	38.500	34	Gam2Vel	1.7930	23000.	77	30947	No
17	GOM_NL__2PRFIN20080131_011742_000000392065_00332_30947_2065.N1	31-JAN-2008 01:17:42	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	30947	No
18	GOM_NL__2PRFIN20080131_011906_000000422065_00332_30947_2066.N1	31-JAN-2008 01:19:06	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30947	No
19	GOM_NL__2PRFIN20080131_012132_000000412065_00332_30947_2067.N1	31-JAN-2008 01:21:32	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30947	No
20	GOM_NL__2PRFIN20080131_012255_000000382065_00332_30947_2068.N1	31-JAN-2008 01:22:55	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30947	No
21	GOM_NL__2PRFIN20080131_012504_000000472065_00332_30947_2069.N1	31-JAN-2008 01:25:04	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	30947	No
22	GOM_NL__2PRFIN20080131_013055_000000512065_00332_30947_2070.N1	31-JAN-2008 01:30:55	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	30947	No
23	GOM_NL__2PRFIN20080131_013418_000000382065_00332_30947_2071.N1	31-JAN-2008 01:34:18	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30947	No
24	GOM_NL__2PRFIN20080131_013608_000000392065_00332_30947_2072.N1	31-JAN-2008 01:36:08	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	30947	No
25	GOM_NL__2PRFIN20080131_013841_000000392065_00332_30947_2073.N1	31-JAN-2008 01:38:41	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	30947	No
26	GOM_NL__2PRFIN20080131_014025_000000352065_00332_30947_2074.N1	31-JAN-2008 01:40:25	Bright	35.000	107	37The Aur	2.6490	11000.	70	30947	No
27	GOM_NL__2PRFIN20080131_014231_000000372065_00332_30947_2075.N1	31-JAN-2008 01:42:31	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	30947	No
28	GOM_NL__2PRFIN20080131_015450_000000322065_00332_30947_2076.N1	31-JAN-2008 01:54:50	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	30947	No
29	GOM_NL__2PRFIN20080131_020549_000000372065_00332_30947_2077.N1	31-JAN-2008 02:05:49	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	30947	No
30	GOM_NL__2PRFIN20080131_020924_000000362065_00332_30947_2078.N1	31-JAN-2008 02:09:24	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	30947	No
31	GOM_NL__2PRFIN20080131_021734_000000542065_00332_30947_2079.N1	31-JAN-2008 02:17:34	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	30947	No
32	GOM_NL__2PRFIN20080131_021941_000000512065_00332_30947_2080.N1	31-JAN-2008 02:19:41	Bright	51.000	126	60Bet Oph	2.7700	4250.0	102	30947	No
33	GOM_NL__2PRFIN20080131_022606_000000442065_00332_30947_2081.N1	31-JAN-2008 02:26:06	Twilight	43.500	86	35Eta Oph	2.4300	10200.	87	30947	No
34	GOM_NL__2PRFIN20080131_023242_000000402065_00332_30947_2082.N1	31-JAN-2008 02:32:42	Dark	39.500	40	The Sco	1.8590	7100.0	79	30947	No
35	GOM_NL__2PRFIN20080131_023435_000000382065_00332_30947_2083.N1	31-JAN-2008 02:34:35	Dark	38.000	147	Alp Ara	2.8770	26000.	76	30947	No
36	GOM_NL__2PRFIN20080131_023609_000000452065_00332_30947_2084.N1	31-JAN-2008 02:36:09	Dark	44.500	141	Bet Ara	2.8400	4600.0	89	30947	No
37	GOM_NL__2PRFIN20080131_023942_000000372065_00333_30948_2069.N1	31-JAN-2008 02:39:42	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	30948	No
38	GOM_NL__2PRFIN20080131_024122_000000422065_00333_30948_2070.N1	31-JAN-2008 02:41:22	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	30948	No
39	GOM_NL__2PRFIN20080131_024558_000000402065_00333_30948_2071.N1	31-JAN-2008 02:45:58	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	30948	No
40	GOM_NL__2PRFIN20080131_024935_000000372065_00333_30948_2072.N1	31-JAN-2008 02:49:35	Dark	37.000	29	Bet Car	1.6720	10200.	74	30948	No
41	GOM_NL__2PRFIN20080131_025155_000000382065_00333_30948_2073.N1	31-JAN-2008 02:51:55	Dark	38.000	71	lot Car	2.2460	7700.0	76	30948	No
42	GOM_NL__2PRFIN20080131_025341_000000402065_00333_30948_2074.N1	31-JAN-2008 02:53:41	Dark	39.500	46	Del Vel	1.9540	10600.	79	30948	No

43	GOM_NL__2PRFIN20080131_025613_000000372065_00333_30948_2075.N1	31-JAN-2008 02:56:13	Dark	37.000	34	Gam2Vel	1.7930	23000.	74	30948	No
44	GOM_NL__2PRFIN20080131_025818_000000382065_00333_30948_2076.N1	31-JAN-2008 02:58:18	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	30948	No
45	GOM_NL__2PRFIN20080131_025942_000000422065_00333_30948_2077.N1	31-JAN-2008 02:59:42	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	30948	No
46	GOM_NL__2PRFIN20080131_030209_000000402065_00333_30948_2078.N1	31-JAN-2008 03:02:09	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	30948	No
47	GOM_NL__2PRFIN20080131_030331_000000382065_00333_30948_2079.N1	31-JAN-2008 03:03:31	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30948	No
48	GOM_NL__2PRFIN20080131_030540_000000442065_00333_30948_2080.N1	31-JAN-2008 03:05:40	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	30948	No
49	GOM_NL__2PRFIN20080131_031131_000000492065_00333_30948_2081.N1	31-JAN-2008 03:11:31	Tw_i_and_stray	49.000	8	10Alp CMi	0.40000	6500.0	98	30948	No
50	GOM_NL__2PRFIN20080131_031455_000000382065_00333_30948_2082.N1	31-JAN-2008 03:14:55	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30948	No
51	GOM_NL__2PRFIN20080131_031644_000000382065_00333_30948_2083.N1	31-JAN-2008 03:16:44	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	30948	No
52	GOM_NL__2PRFIN20080131_031917_000000402065_00333_30948_2084.N1	31-JAN-2008 03:19:17	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	30948	No
53	GOM_NL__2PRFIN20080131_032101_000000362065_00333_30948_2085.N1	31-JAN-2008 03:21:01	Bright	36.000	107	37The Aur	2.6490	11000.	72	30948	No
54	GOM_NL__2PRFIN20080131_032307_000000362065_00333_30948_2086.N1	31-JAN-2008 03:23:07	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30948	No
55	GOM_NL__2PRFIN20080131_033525_000000322065_00333_30948_2087.N1	31-JAN-2008 03:35:25	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	30948	No
56	GOM_NL__2PRFIN20080131_034625_000000372065_00333_30948_2088.N1	31-JAN-2008 03:46:25	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	30948	No
57	GOM_NL__2PRFIN20080131_035000_000000332065_00333_30948_2089.N1	31-JAN-2008 03:50:00	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	30948	No
58	GOM_NL__2PRFIN20080131_035810_000000362065_00333_30948_2090.N1	31-JAN-2008 03:58:10	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	30948	No
59	GOM_NL__2PRFIN20080131_040017_000000362065_00333_30948_2091.N1	31-JAN-2008 04:00:17	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	30948	No
60	GOM_NL__2PRFIN20080131_040642_000000422065_00333_30948_2092.N1	31-JAN-2008 04:06:42	Tw_i_and_stray	42.000	86	35Eta Oph	2.4300	10200.	84	30948	No
61	GOM_NL__2PRFIN20080131_041149_000000392065_00333_30948_2093.N1	31-JAN-2008 04:11:49	Dark	38.500	25	35Lam Sco	1.6200	28000.	77	30948	No
62	GOM_NL__2PRFIN20080131_041318_000000432065_00333_30948_2094.N1	31-JAN-2008 04:13:18	Dark	43.000	40	The Sco	1.8590	7100.0	86	30948	No
63	GOM_NL__2PRFIN20080131_041511_000000372065_00333_30948_2095.N1	31-JAN-2008 04:15:11	Dark	37.000	147	Alp Ara	2.8770	26000.	74	30948	No
64	GOM_NL__2PRFIN20080131_041645_000000432065_00333_30948_2096.N1	31-JAN-2008 04:16:45	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	30948	No
65	GOM_NL__2PRFIN20080131_042018_000000382065_00334_30949_2087.N1	31-JAN-2008 04:20:18	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	30949	No
66	GOM_NL__2PRFIN20080131_042158_000000422065_00334_30949_2088.N1	31-JAN-2008 04:21:58	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	30949	No
67	GOM_NL__2PRFIN20080131_042634_000000412065_00334_30949_2089.N1	31-JAN-2008 04:26:34	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	30949	No
68	GOM_NL__2PRFIN20080131_043012_000000382065_00334_30949_2090.N1	31-JAN-2008 04:30:12	Dark	38.000	29	Bet Car	1.6720	10200.	76	30949	No
69	GOM_NL__2PRFIN20080131_043231_000000382065_00334_30949_2091.N1	31-JAN-2008 04:32:31	Dark	38.000	71	lot Car	2.2460	7700.0	76	30949	No
70	GOM_NL__2PRFIN20080131_043417_000000402065_00334_30949_2092.N1	31-JAN-2008 04:34:17	Dark	39.500	46	Del Vel	1.9540	10600.	79	30949	No
71	GOM_NL__2PRFIN20080131_043649_000000382065_00334_30949_2093.N1	31-JAN-2008 04:36:49	Dark	37.500	34	Gam2Vel	1.7930	23000.	75	30949	No
72	GOM_NL__2PRFIN20080131_043855_000000402065_00334_30949_2094.N1	31-JAN-2008 04:38:55	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	30949	No
73	GOM_NL__2PRFIN20080131_044018_000000402065_00334_30949_2095.N1	31-JAN-2008 04:40:18	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	30949	No
74	GOM_NL__2PRFIN20080131_044245_000000422065_00334_30949_2096.N1	31-JAN-2008 04:42:45	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	30949	No
75	GOM_NL__2PRFIN20080131_044407_000000372065_00334_30949_2097.N1	31-JAN-2008 04:44:07	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	30949	No
76	GOM_NL__2PRFIN20080131_044616_000000462065_00334_30949_2098.N1	31-JAN-2008 04:46:16	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	30949	No
77	GOM_NL__2PRFIN20080131_045207_000000462065_00334_30949_2099.N1	31-JAN-2008 04:52:07	Tw_i_and_stray	45.500	8	10Alp CMi	0.40000	6500.0	91	30949	No
78	GOM_NL__2PRFIN20080131_045531_000000382065_00334_30949_2100.N1	31-JAN-2008 04:55:31	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	30949	No
79	GOM_NL__2PRFIN20080131_045720_000000392065_00334_30949_2101.N1	31-JAN-2008 04:57:20	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	30949	No
80	GOM_NL__2PRFIN20080131_045952_000000392065_00334_30949_2102.N1	31-JAN-2008 04:59:52	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	30949	No
81	GOM_NL__2PRFIN20080131_050137_000000342065_00334_30949_2103.N1	31-JAN-2008 05:01:37	Bright	34.000	107	37The Aur	2.6490	11000.	68	30949	No
82	GOM_NL__2PRFIN20080131_050343_000000362065_00334_30949_2104.N1	31-JAN-2008 05:03:43	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30949	No
83	GOM_NL__2PRFIN20080131_051601_000000342065_00334_30949_2105.N1	31-JAN-2008 05:16:01	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	30949	No
84	GOM_NL__2PRFIN20080131_052701_000000372065_00334_30949_2106.N1	31-JAN-2008 05:27:01	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30949	No
85	GOM_NL__2PRFIN20080131_053036_000000372065_00334_30949_2107.N1	31-JAN-2008 05:30:36	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	30949	No
86	GOM_NL__2PRFIN20080131_053846_000000522065_00334_30949_2108.N1	31-JAN-2008 05:38:46	Bright	51.500	59	55Alp Oph	2.0800	8900.0	103	30949	No
87	GOM_NL__2PRFIN20080131_054054_000000432065_00334_30949_2109.N1	31-JAN-2008 05:40:54	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	30949	No
88	GOM_NL__2PRFIN20080131_054719_000000442065_00334_30949_2110.N1	31-JAN-2008 05:47:19	Tw_i_and_stray	44.000	86	35Eta Oph	2.4300	10200.	88	30949	No
89	GOM_NL__2PRFIN20080131_055225_000000382065_00334_30949_2111.N1	31-JAN-2008 05:52:25	Dark	38.000	25	35Lam Sco	1.6200	28000.	76	30949	No
90	GOM_NL__2PRFIN20080131_055354_000000402065_00334_30949_2112.N1	31-JAN-2008 05:53:54	Dark	39.500	40	The Sco	1.8590	7100.0	79	30949	No
91	GOM_NL__2PRFIN20080131_055548_000000382065_00334_30949_2113.N1	31-JAN-2008 05:55:48	Dark	38.000	147	Alp Ara	2.8770	26000.	76	30949	No
92	GOM_NL__2PRFIN20080131_055722_000000382065_00334_30949_2114.N1	31-JAN-2008 05:57:22	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	30949	No
93	GOM_NL__2PRFIN20080131_060055_000000372065_00335_30950_2101.N1	31-JAN-2008 06:00:55	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	30950	No
94	GOM_NL__2PRFIN20080131_060235_000000532065_00335_30950_2102.N1	31-JAN-2008 06:02:35	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	30950	No
95	GOM_NL__2PRFIN20080131_060711_000000412065_00335_30950_2103.N1	31-JAN-2008 06:07:11	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	30950	No
96	GOM_NL__2PRFIN20080131_061048_000000372065_00335_30950_2104.N1	31-JAN-2008 06:10:48	Dark	37.000	29	Bet Car	1.6720	10200.	74	30950	No
97	GOM_NL__2PRFIN20080131_061308_000000422065_00335_30950_2105.N1	31-JAN-2008 06:13:08	Dark	41.500	71	lot Car	2.2460	7700.0	83	30950	No
98	GOM_NL__2PRFIN20080131_061453_000000422065_00335_30950_2106.N1	31-JAN-2008 06:14:53	Dark	42.000	46	Del Vel	1.9540	10600.	84	30950	No
99	GOM_NL__2PRFIN20080131_061726_000000412065_00335_30950_2107.N1	31-JAN-2008 06:17:26	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	30950	No
100	GOM_NL__2PRFIN20080131_061931_000000382065_00335_30950_2108.N1	31-JAN-2008 06:19:31	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	30950	No
101	GOM_NL__2PRFIN20080131_062055_000000412065_00335_30950_2109.N1	31-JAN-2008 06:20:55	Straylight	40.500	117	Pi Pup	2.7060	3800.0	81	30950	No

102	GOM_NL__2PRFIN20080131_062321_000000392065_00335_30950_2110.N1	31-JAN-2008 06:23:21	Straylight	38.500	23	21Eps CMa	1.5020	26000.	77	30950	No
103	GOM_NL__2PRFIN20080131_062443_000000382065_00335_30950_2111.N1	31-JAN-2008 06:24:43	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30950	No
104	GOM_NL__2PRFIN20080131_062653_000000492065_00335_30950_2112.N1	31-JAN-2008 06:26:53	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	30950	No
105	GOM_NL__2PRFIN20080131_063243_000000522065_00335_30950_2113.N1	31-JAN-2008 06:32:43	Twi_and_stray	51.500	8	10Alp CMi	0.40000	6500.0	103	30950	No
106	GOM_NL__2PRFIN20080131_063607_000000382065_00335_30950_2114.N1	31-JAN-2008 06:36:07	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	30950	No
107	GOM_NL__2PRFIN20080131_063756_000000392065_00335_30950_2115.N1	31-JAN-2008 06:37:56	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	30950	No
108	GOM_NL__2PRFIN20080131_064028_000000382065_00335_30950_2116.N1	31-JAN-2008 06:40:28	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	30950	No
109	GOM_NL__2PRFIN20080131_064214_000000362065_00335_30950_2117.N1	31-JAN-2008 06:42:14	Bright	36.000	107	37The Aur	2.6490	11000.	72	30950	No
110	GOM_NL__2PRFIN20080131_064419_000000362065_00335_30950_2118.N1	31-JAN-2008 06:44:19	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30950	No
111	GOM_NL__2PRFIN20080131_065637_000000362065_00335_30950_2119.N1	31-JAN-2008 06:56:37	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30950	No
112	GOM_NL__2PRFIN20080131_070737_000000382065_00335_30950_2120.N1	31-JAN-2008 07:07:37	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	30950	No
113	GOM_NL__2PRFIN20080131_071112_000000352065_00335_30950_2121.N1	31-JAN-2008 07:11:12	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	30950	No
114	GOM_NL__2PRFIN20080131_071922_000000552065_00335_30950_2122.N1	31-JAN-2008 07:19:22	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	30950	No
115	GOM_NL__2PRFIN20080131_072130_000000362065_00335_30950_2123.N1	31-JAN-2008 07:21:30	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	30950	No
116	GOM_NL__2PRFIN20080131_072755_000000442065_00335_30950_2124.N1	31-JAN-2008 07:27:55	Twi_and_stray	43.500	86	35Eta Oph	2.4300	10200.	87	30950	No
117	GOM_NL__2PRFIN20080131_073301_000000392065_00335_30950_2125.N1	31-JAN-2008 07:33:01	Dark	39.000	25	35Lam Sco	1.6200	28000.	78	30950	No
118	GOM_NL__2PRFIN20080131_073430_000000422065_00335_30950_2126.N1	31-JAN-2008 07:34:30	Dark	42.000	40	The Sco	1.8590	7100.0	84	30950	No
119	GOM_NL__2PRFIN20080131_073624_000000392065_00335_30950_2127.N1	31-JAN-2008 07:36:24	Dark	39.000	147	Alp Ara	2.8770	26000.	78	30950	No
120	GOM_NL__2PRFIN20080131_073758_000000402065_00335_30950_2128.N1	31-JAN-2008 07:37:58	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	30950	No
121	GOM_NL__2PRFIN20080131_074131_000000382065_00336_30951_2114.N1	31-JAN-2008 07:41:31	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	30951	No
122	GOM_NL__2PRFIN20080131_074311_000000532065_00336_30951_2115.N1	31-JAN-2008 07:43:11	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	30951	No
123	GOM_NL__2PRFIN20080131_074747_000000422065_00336_30951_2116.N1	31-JAN-2008 07:47:47	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	30951	No
124	GOM_NL__2PRFIN20080131_075124_000000452065_00336_30951_2117.N1	31-JAN-2008 07:51:24	Dark	44.500	29	Bet Car	1.6720	10200.	89	30951	No
125	GOM_NL__2PRFIN20080131_075344_000000402065_00336_30951_2118.N1	31-JAN-2008 07:53:44	Dark	39.500	71	lot Car	2.2460	7700.0	79	30951	No
126	GOM_NL__2PRFIN20080131_075529_000000382065_00336_30951_2119.N1	31-JAN-2008 07:55:29	Dark	37.500	46	Del Vel	1.9540	10600.	75	30951	No
127	GOM_NL__2PRFIN20080131_075802_000000392065_00336_30951_2120.N1	31-JAN-2008 07:58:02	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	30951	No
128	GOM_NL__2PRFIN20080131_080007_000000382065_00336_30951_2121.N1	31-JAN-2008 08:00:07	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	30951	No
129	GOM_NL__2PRFIN20080131_080131_000000422065_00336_30951_2122.N1	31-JAN-2008 08:01:31	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30951	No
130	GOM_NL__2PRFIN20080131_080357_000000412065_00336_30951_2123.N1	31-JAN-2008 08:03:57	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30951	No
131	GOM_NL__2PRFIN20080131_080520_000000372065_00336_30951_2124.N1	31-JAN-2008 08:05:20	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	30951	No
132	GOM_NL__2PRFIN20080131_080729_000000462065_00336_30951_2125.N1	31-JAN-2008 08:07:29	Straylight	46.000	1	9Alp CMa	-1.4400	11000.	92	30951	No
133	GOM_NL__2PRFIN20080131_081319_000000462065_00336_30951_2126.N1	31-JAN-2008 08:13:19	Twi_and_stray	46.000	8	10Alp CMi	0.40000	6500.0	92	30951	No
134	GOM_NL__2PRFIN20080131_081643_000000382065_00336_30951_2127.N1	31-JAN-2008 08:16:43	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30951	No
135	GOM_NL__2PRFIN20080131_081832_000000382065_00336_30951_2128.N1	31-JAN-2008 08:18:32	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	30951	No
136	GOM_NL__2PRFIN20080131_082104_000000372065_00336_30951_2129.N1	31-JAN-2008 08:21:04	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	30951	No
137	GOM_NL__2PRFIN20080131_082250_000000352065_00336_30951_2130.N1	31-JAN-2008 08:22:50	Bright	35.000	107	37The Aur	2.6490	11000.	70	30951	No
138	GOM_NL__2PRFIN20080131_082455_000000372065_00336_30951_2131.N1	31-JAN-2008 08:24:55	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	30951	No
139	GOM_NL__2PRFIN20080131_083713_000000362065_00336_30951_2132.N1	31-JAN-2008 08:37:13	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30951	No
140	GOM_NL__2PRFIN20080131_084813_000000372065_00336_30951_2133.N1	31-JAN-2008 08:48:13	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	30951	No
141	GOM_NL__2PRFIN20080131_085148_000000342065_00336_30951_2134.N1	31-JAN-2008 08:51:48	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	30951	No
142	GOM_NL__2PRFIN20080131_085959_000000552065_00336_30951_2135.N1	31-JAN-2008 08:59:59	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	30951	No
143	GOM_NL__2PRFIN20080131_090206_000000432065_00336_30951_2136.N1	31-JAN-2008 09:02:06	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	30951	No
144	GOM_NL__2PRFIN20080131_090832_000000442065_00336_30951_2137.N1	31-JAN-2008 09:08:32	Twi_and_stray	44.000	86	35Eta Oph	2.4300	10200.	88	30951	No
145	GOM_NL__2PRFIN20080131_091338_000000412065_00336_30951_2138.N1	31-JAN-2008 09:13:38	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	30951	No
146	GOM_NL__2PRFIN20080131_091507_000000442065_00336_30951_2139.N1	31-JAN-2008 09:15:07	Dark	43.500	40	The Sco	1.8590	7100.0	87	30951	No
147	GOM_NL__2PRFIN20080131_091700_000000372065_00336_30951_2140.N1	31-JAN-2008 09:17:00	Dark	37.000	147	Alp Ara	2.8770	26000.	74	30951	No
148	GOM_NL__2PRFIN20080131_091834_000000392065_00336_30951_2141.N1	31-JAN-2008 09:18:34	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	30951	No
149	GOM_NL__2PRFIN20080131_092207_000000382065_00337_30952_2126.N1	31-JAN-2008 09:22:07	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	30952	No
150	GOM_NL__2PRFIN20080131_092348_000000442065_00337_30952_2127.N1	31-JAN-2008 09:23:48	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	30952	No
151	GOM_NL__2PRFIN20080131_092824_000000442065_00337_30952_2128.N1	31-JAN-2008 09:28:24	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	30952	No
152	GOM_NL__2PRFIN20080131_093200_000000382065_00337_30952_2129.N1	31-JAN-2008 09:32:00	Dark	38.000	29	Bet Car	1.6720	10200.	76	30952	No
153	GOM_NL__2PRFIN20080131_093420_000000412065_00337_30952_2130.N1	31-JAN-2008 09:34:20	Dark	41.000	71	lot Car	2.2460	7700.0	82	30952	No
154	GOM_NL__2PRFIN20080131_093606_000000382065_00337_30952_2131.N1	31-JAN-2008 09:36:06	Dark	38.000	46	Del Vel	1.9540	10600.	76	30952	No
155	GOM_NL__2PRFIN20080131_093838_000000432065_00337_30952_2132.N1	31-JAN-2008 09:38:38	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	30952	No
156	GOM_NL__2PRFIN20080131_094043_000000382065_00337_30952_2133.N1	31-JAN-2008 09:40:43	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	30952	No
157	GOM_NL__2PRFIN20080131_094207_000000432065_00337_30952_2134.N1	31-JAN-2008 09:42:07	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	30952	No
158	GOM_NL__2PRFIN20080131_094433_000000422065_00337_30952_2135.N1	31-JAN-2008 09:44:33	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	30952	No
159	GOM_NL__2PRFIN20080131_094556_000000382065_00337_30952_2136.N1	31-JAN-2008 09:45:56	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30952	No
160	GOM_NL__2PRFIN20080131_094805_000000492065_00337_30952_2137.N1	31-JAN-2008 09:48:05	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	30952	No

161	GOM_NL__2PRFIN20080131_095355_000000542065_00337_30952_2138.N1	31-JAN-2008 09:53:55	Twilight	54.000	8	10Alp CMI	0.40000	6500.0	108	30952	No
162	GOM_NL__2PRFIN20080131_095719_000000382065_00337_30952_2139.N1	31-JAN-2008 09:57:19	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30952	No
163	GOM_NL__2PRFIN20080131_095909_000000382065_00337_30952_2140.N1	31-JAN-2008 09:59:09	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	30952	No
164	GOM_NL__2PRFIN20080131_100140_000000392065_00337_30952_2141.N1	31-JAN-2008 10:01:40	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	30952	No
165	GOM_NL__2PRFIN20080131_100326_000000392065_00337_30952_2142.N1	31-JAN-2008 10:03:26	Bright	39.000	107	37The Aur	2.6490	11000.	78	30952	No
166	GOM_NL__2PRFIN20080131_100531_000000372065_00337_30952_2143.N1	31-JAN-2008 10:05:31	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	30952	No
167	GOM_NL__2PRFIN20080131_101749_000000352065_00337_30952_2144.N1	31-JAN-2008 10:17:49	Bright	35.000	49	1Alp UMI	1.9900	6300.0	70	30952	No
168	GOM_NL__2PRFIN20080131_102849_000000382065_00337_30952_2145.N1	31-JAN-2008 10:28:49	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	30952	No
169	GOM_NL__2PRFIN20080131_103224_000000342065_00337_30952_2146.N1	31-JAN-2008 10:32:24	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	30952	No
170	GOM_NL__2PRFIN20080131_104035_000000362065_00337_30952_2147.N1	31-JAN-2008 10:40:35	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	30952	No
171	GOM_NL__2PRFIN20080131_104242_000000542065_00337_30952_2148.N1	31-JAN-2008 10:42:42	Bright	54.000	126	60Bet Oph	2.7700	4250.0	108	30952	No
172	GOM_NL__2PRFIN20080131_104908_000000422065_00337_30952_2149.N1	31-JAN-2008 10:49:08	Twilight	42.000	86	35Eta Oph	2.4300	10200.	84	30952	No
173	GOM_NL__2PRFIN20080131_105414_000000412065_00337_30952_2150.N1	31-JAN-2008 10:54:14	Dark	40.500	25	35Lam Sco	1.6200	28000.	81	30952	No
174	GOM_NL__2PRFIN20080131_105543_000000432065_00337_30952_2151.N1	31-JAN-2008 10:55:43	Dark	42.500	40	The Sco	1.8590	7100.0	85	30952	No
175	GOM_NL__2PRFIN20080131_105736_000000392065_00337_30952_2152.N1	31-JAN-2008 10:57:36	Dark	38.500	147	Alp Ara	2.8770	26000.	77	30952	No
176	GOM_NL__2PRFIN20080131_105910_000000452065_00337_30952_2153.N1	31-JAN-2008 10:59:10	Dark	45.000	141	Bet Ara	2.8400	4600.0	90	30952	No
177	GOM_NL__2PRFIN20080131_110244_000000382065_00338_30953_2146.N1	31-JAN-2008 11:02:44	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	30953	No
178	GOM_NL__2PRFIN20080131_110424_000000432065_00338_30953_2147.N1	31-JAN-2008 11:04:24	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	30953	No
179	GOM_NL__2PRFIN20080131_110900_000000472065_00338_30953_2148.N1	31-JAN-2008 11:09:00	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	30953	No
180	GOM_NL__2PRFIN20080131_111236_000000382065_00338_30953_2149.N1	31-JAN-2008 11:12:36	Dark	37.500	29	Bet Car	1.6720	10200.	75	30953	No
181	GOM_NL__2PRFIN20080131_111456_000000382065_00338_30953_2150.N1	31-JAN-2008 11:14:56	Dark	38.000	71	lot Car	2.2460	7700.0	76	30953	No
182	GOM_NL__2PRFIN20080131_111642_000000392065_00338_30953_2151.N1	31-JAN-2008 11:16:42	Dark	39.000	46	Del Vel	1.9540	10600.	78	30953	No
183	GOM_NL__2PRFIN20080131_111914_000000382065_00338_30953_2152.N1	31-JAN-2008 11:19:14	Dark	38.000	34	Gam2Vel	1.7930	23000.	76	30953	No
184	GOM_NL__2PRFIN20080131_112119_000000412065_00338_30953_2153.N1	31-JAN-2008 11:21:19	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	30953	No
185	GOM_NL__2PRFIN20080131_112243_000000432065_00338_30953_2154.N1	31-JAN-2008 11:22:43	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	30953	No
186	GOM_NL__2PRFIN20080131_112509_000000412065_00338_30953_2155.N1	31-JAN-2008 11:25:09	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30953	No
187	GOM_NL__2PRFIN20080131_112632_000000372065_00338_30953_2156.N1	31-JAN-2008 11:26:32	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	30953	No
188	GOM_NL__2PRFIN20080131_112841_000000432065_00338_30953_2157.N1	31-JAN-2008 11:28:41	Straylight	43.000	1	9Alp CMa	-1.4400	11000.	86	30953	No
189	GOM_NL__2PRFIN20080131_113430_000000512065_00338_30953_2158.N1	31-JAN-2008 11:34:30	Twilight	50.500	8	10Alp CMI	0.40000	6500.0	101	30953	No
190	GOM_NL__2PRFIN20080131_113755_000000392065_00338_30953_2159.N1	31-JAN-2008 11:37:55	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	30953	No
191	GOM_NL__2PRFIN20080131_113945_000000382065_00338_30953_2160.N1	31-JAN-2008 11:39:45	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	30953	No
192	GOM_NL__2PRFIN20080131_114216_000000392065_00338_30953_2161.N1	31-JAN-2008 11:42:16	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	30953	No
193	GOM_NL__2PRFIN20080131_114402_000000362065_00338_30953_2162.N1	31-JAN-2008 11:44:02	Bright	35.500	107	37The Aur	2.6490	11000.	71	30953	No
194	GOM_NL__2PRFIN20080131_114607_000000342065_00338_30953_2163.N1	31-JAN-2008 11:46:07	Bright	34.000	42	34Bet Aur	1.9000	10200.	68	30953	No
195	GOM_NL__2PRFIN20080131_115825_000000362065_00338_30953_2164.N1	31-JAN-2008 11:58:25	Bright	36.000	49	1Alp UMI	1.9900	6300.0	72	30953	No
196	GOM_NL__2PRFIN20080131_120925_000000372065_00338_30953_2165.N1	31-JAN-2008 12:09:25	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	30953	No
197	GOM_NL__2PRFIN20080131_121300_000000342065_00338_30953_2166.N1	31-JAN-2008 12:13:00	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30953	No
198	GOM_NL__2PRFIN20080131_122111_000000552065_00338_30953_2167.N1	31-JAN-2008 12:21:11	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	30953	No
199	GOM_NL__2PRFIN20080131_122318_000000372065_00338_30953_2168.N1	31-JAN-2008 12:23:18	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	30953	No
200	GOM_NL__2PRFIN20080131_122944_000000442065_00338_30953_2169.N1	31-JAN-2008 12:29:44	Twilight	43.500	86	35Eta Oph	2.4300	10200.	87	30953	No
201	GOM_NL__2PRFIN20080131_123450_000000392065_00338_30953_2170.N1	31-JAN-2008 12:34:50	Dark	39.000	25	35Lam Sco	1.6200	28000.	78	30953	No
202	GOM_NL__2PRFIN20080131_123619_000000382065_00338_30953_2171.N1	31-JAN-2008 12:36:19	Dark	37.500	40	The Sco	1.8590	7100.0	75	30953	No
203	GOM_NL__2PRFIN20080131_123812_000000372065_00338_30953_2172.N1	31-JAN-2008 12:38:12	Dark	37.000	147	Alp Ara	2.8770	26000.	74	30953	No
204	GOM_NL__2PRFIN20080131_123946_000000392065_00338_30953_2173.N1	31-JAN-2008 12:39:46	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	30953	No
205	GOM_NL__2PRFIN20080131_124320_000000392065_00339_30954_2166.N1	31-JAN-2008 12:43:20	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	30954	No
206	GOM_NL__2PRFIN20080131_124501_000000412065_00339_30954_2167.N1	31-JAN-2008 12:45:01	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	30954	No
207	GOM_NL__2PRFIN20080131_124936_000000432065_00339_30954_2168.N1	31-JAN-2008 12:49:36	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	30954	No
208	GOM_NL__2PRFIN20080131_125312_000000462065_00339_30954_2169.N1	31-JAN-2008 12:53:12	Dark	46.000	29	Bet Car	1.6720	10200.	92	30954	No
209	GOM_NL__2PRFIN20080131_125533_000000382065_00339_30954_2170.N1	31-JAN-2008 12:55:33	Dark	37.500	71	lot Car	2.2460	7700.0	75	30954	No
210	GOM_NL__2PRFIN20080131_125718_000000382065_00339_30954_2171.N1	31-JAN-2008 12:57:18	Dark	38.000	46	Del Vel	1.9540	10600.	76	30954	No
211	GOM_NL__2PRFIN20080131_125950_000000422065_00339_30954_2172.N1	31-JAN-2008 12:59:50	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	30954	No
212	GOM_NL__2PRFIN20080131_130155_000000402065_00339_30954_2173.N1	31-JAN-2008 13:01:55	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	30954	No
213	GOM_NL__2PRFIN20080131_130319_000000422065_00339_30954_2174.N1	31-JAN-2008 13:03:19	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30954	No
214	GOM_NL__2PRFIN20080131_130545_000000422065_00339_30954_2175.N1	31-JAN-2008 13:05:45	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	30954	No
215	GOM_NL__2PRFIN20080131_130708_000000392065_00339_30954_2176.N1	31-JAN-2008 13:07:08	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	30954	No
216	GOM_NL__2PRFIN20080131_130917_000000462065_00339_30954_2177.N1	31-JAN-2008 13:09:17	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	30954	No
217	GOM_NL__2PRFIN20080131_131506_000000482065_00339_30954_2178.N1	31-JAN-2008 13:15:06	Twilight	47.500	8	10Alp CMI	0.40000	6500.0	95	30954	No
218	GOM_NL__2PRFIN20080131_131831_000000462065_00339_30954_2179.N1	31-JAN-2008 13:18:31	Bright	45.500	44	24Gam Gem	1.9280	11000.	91	30954	No
219	GOM_NL__2PRFIN20080131_132021_000000362065_00339_30954_2180.N1	31-JAN-2008 13:20:21	Bright	36.000	151	13Mu Gem	2.8900	3000.0	72	30954	No

220	GOM_NL_2PRFIN20080131_132251_000000382065_00339_30954_2181.N1	31-JAN-2008 13:22:51	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	30954	No
221	GOM_NL_2PRFIN20080131_132438_000000352065_00339_30954_2182.N1	31-JAN-2008 13:24:38	Bright	34.500	107	37The Aur	2.6490	11000.	69	30954	No
222	GOM_NL_2PRFIN20080131_132643_000000362065_00339_30954_2183.N1	31-JAN-2008 13:26:43	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30954	No
223	GOM_NL_2PRFIN20080131_133901_000000342065_00339_30954_2184.N1	31-JAN-2008 13:39:01	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	30954	No
224	GOM_NL_2PRFIN20080131_135001_000000382065_00339_30954_2185.N1	31-JAN-2008 13:50:01	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	30954	No
225	GOM_NL_2PRFIN20080131_135336_000000342065_00339_30954_2186.N1	31-JAN-2008 13:53:36	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30954	No
226	GOM_NL_2PRFIN20080131_140147_000000372065_00339_30954_2187.N1	31-JAN-2008 14:01:47	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	30954	No
227	GOM_NL_2PRFIN20080131_140355_000000542065_00339_30954_2188.N1	31-JAN-2008 14:03:55	Bright	54.000	126	60Bet Oph	2.7700	4250.0	108	30954	No
228	GOM_NL_2PRFIN20080131_141021_000000442065_00339_30954_2189.N1	31-JAN-2008 14:10:21	Twilight	43.500	86	35Eta Oph	2.4300	10200.	87	30954	No
229	GOM_NL_2PRFIN20080131_141307_000000382065_00339_30954_2190.N1	31-JAN-2008 14:13:07	Twilight	38.000	167	10Gam2Sgr	2.9840	4500.0	76	30954	No
230	GOM_NL_2PRFIN20080131_141526_000000402065_00339_30954_2191.N1	31-JAN-2008 14:15:26	Dark	39.500	25	35Lam Sco	1.6200	28000.	79	30954	No
231	GOM_NL_2PRFIN20080131_141655_000000402065_00339_30954_2192.N1	31-JAN-2008 14:16:55	Dark	40.000	40	The Sco	1.8590	7100.0	80	30954	No
232	GOM_NL_2PRFIN20080131_141849_000000372065_00339_30954_2193.N1	31-JAN-2008 14:18:49	Dark	37.000	147	Alp Ara	2.8770	26000.	74	30954	No
233	GOM_NL_2PRFIN20080131_142022_000000422065_00339_30954_2194.N1	31-JAN-2008 14:20:22	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	30954	No
234	GOM_NL_2PRFIN20080131_142537_000000422065_00340_30955_2174.N1	31-JAN-2008 14:25:37	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	30955	No
235	GOM_NL_2PRFIN20080131_143013_000000412065_00340_30955_2175.N1	31-JAN-2008 14:30:13	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	30955	No
236	GOM_NL_2PRFIN20080131_143349_000000372065_00340_30955_2176.N1	31-JAN-2008 14:33:49	Dark	37.000	29	Bet Car	1.6720	10200.	74	30955	No
237	GOM_NL_2PRFIN20080131_143609_000000392065_00340_30955_2177.N1	31-JAN-2008 14:36:09	Dark	38.500	71	lot Car	2.2460	7700.0	77	30955	No
238	GOM_NL_2PRFIN20080131_143754_000000372065_00340_30955_2178.N1	31-JAN-2008 14:37:54	Dark	37.000	46	Del Vel	1.9540	10600.	74	30955	No
239	GOM_NL_2PRFIN20080131_144026_000000392065_00340_30955_2179.N1	31-JAN-2008 14:40:26	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	30955	No
240	GOM_NL_2PRFIN20080131_144232_000000382065_00340_30955_2180.N1	31-JAN-2008 14:42:32	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	30955	No
241	GOM_NL_2PRFIN20080131_144355_000000422065_00340_30955_2181.N1	31-JAN-2008 14:43:55	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30955	No
242	GOM_NL_2PRFIN20080131_144621_000000412065_00340_30955_2182.N1	31-JAN-2008 14:46:21	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30955	No
243	GOM_NL_2PRFIN20080131_144744_000000372065_00340_30955_2183.N1	31-JAN-2008 14:47:44	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	30955	No
244	GOM_NL_2PRFIN20080131_144953_000000472065_00340_30955_2184.N1	31-JAN-2008 14:49:53	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	30955	No
245	GOM_NL_2PRFIN20080131_145542_000000472065_00340_30955_2185.N1	31-JAN-2008 14:55:42	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	30955	No
246	GOM_NL_2PRFIN20080131_145907_000000382065_00340_30955_2186.N1	31-JAN-2008 14:59:07	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	30955	No
247	GOM_NL_2PRFIN20080131_150057_000000392065_00340_30955_2187.N1	31-JAN-2008 15:00:57	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	30955	No
248	GOM_NL_2PRFIN20080131_150327_000000392065_00340_30955_2188.N1	31-JAN-2008 15:03:27	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	30955	No
249	GOM_NL_2PRFIN20080131_150514_000000362065_00340_30955_2189.N1	31-JAN-2008 15:05:14	Bright	35.500	107	37The Aur	2.6490	11000.	71	30955	No
250	GOM_NL_2PRFIN20080131_150720_000000362065_00340_30955_2190.N1	31-JAN-2008 15:07:20	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30955	No
251	GOM_NL_2PRFIN20080131_151937_000000332065_00340_30955_2191.N1	31-JAN-2008 15:19:37	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	30955	No
252	GOM_NL_2PRFIN20080131_153036_000000392065_00340_30955_2192.N1	31-JAN-2008 15:30:36	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	30955	No
253	GOM_NL_2PRFIN20080131_153412_000000332065_00340_30955_2193.N1	31-JAN-2008 15:34:12	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	30955	No
254	GOM_NL_2PRFIN20080131_154223_000000552065_00340_30955_2194.N1	31-JAN-2008 15:42:23	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	30955	No
255	GOM_NL_2PRFIN20080131_154431_000000372065_00340_30955_2195.N1	31-JAN-2008 15:44:31	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	30955	No
256	GOM_NL_2PRFIN20080131_155057_000000422065_00340_30955_2196.N1	31-JAN-2008 15:50:57	Twilight	42.000	86	35Eta Oph	2.4300	10200.	84	30955	No
257	GOM_NL_2PRFIN20080131_155343_000000422065_00340_30955_2197.N1	31-JAN-2008 15:53:43	Twilight	41.500	167	10Gam2Sgr	2.9840	4500.0	83	30955	No
258	GOM_NL_2PRFIN20080131_155603_000000422065_00340_30955_2198.N1	31-JAN-2008 15:56:03	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	30955	No
259	GOM_NL_2PRFIN20080131_155731_000000392065_00340_30955_2199.N1	31-JAN-2008 15:57:31	Dark	38.500	40	The Sco	1.8590	7100.0	77	30955	No
260	GOM_NL_2PRFIN20080131_155925_000000372065_00340_30955_2200.N1	31-JAN-2008 15:59:25	Dark	36.500	147	Alp Ara	2.8770	26000.	73	30955	No
261	GOM_NL_2PRFIN20080131_160059_000000462065_00340_30955_2201.N1	31-JAN-2008 16:00:59	Dark	46.000	141	Bet Ara	2.8400	4600.0	92	30955	No
262	GOM_NL_2PRFIN20080131_160614_000000422065_00341_30956_2183.N1	31-JAN-2008 16:06:14	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	30956	No
263	GOM_NL_2PRFIN20080131_161049_000000422065_00341_30956_2184.N1	31-JAN-2008 16:10:49	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	30956	No
264	GOM_NL_2PRFIN20080131_161425_000000372065_00341_30956_2185.N1	31-JAN-2008 16:14:25	Dark	36.500	29	Bet Car	1.6720	10200.	73	30956	No
265	GOM_NL_2PRFIN20080131_161645_000000392065_00341_30956_2186.N1	31-JAN-2008 16:16:45	Dark	38.500	71	lot Car	2.2460	7700.0	77	30956	No
266	GOM_NL_2PRFIN20080131_161831_000000412065_00341_30956_2187.N1	31-JAN-2008 16:18:31	Dark	40.500	46	Del Vel	1.9540	10600.	81	30956	No
267	GOM_NL_2PRFIN20080131_162102_000000402065_00341_30956_2188.N1	31-JAN-2008 16:21:02	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	30956	No
268	GOM_NL_2PRFIN20080131_162308_000000412065_00341_30956_2189.N1	31-JAN-2008 16:23:08	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	30956	No
269	GOM_NL_2PRFIN20080131_162431_000000412065_00341_30956_2190.N1	31-JAN-2008 16:24:31	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	30956	No
270	GOM_NL_2PRFIN20080131_162657_000000412065_00341_30956_2191.N1	31-JAN-2008 16:26:57	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30956	No
271	GOM_NL_2PRFIN20080131_162820_000000392065_00341_30956_2192.N1	31-JAN-2008 16:28:20	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	30956	No
272	GOM_NL_2PRFIN20080131_163029_000000462065_00341_30956_2193.N1	31-JAN-2008 16:30:29	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	30956	No
273	GOM_NL_2PRFIN20080131_163618_000000522065_00341_30956_2194.N1	31-JAN-2008 16:36:18	Twilight	51.500	8	10Alp CMi	0.40000	6500.0	103	30956	No
274	GOM_NL_2PRFIN20080131_163943_000000392065_00341_30956_2195.N1	31-JAN-2008 16:39:43	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	30956	No
275	GOM_NL_2PRFIN20080131_164133_000000392065_00341_30956_2196.N1	31-JAN-2008 16:41:33	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	30956	No
276	GOM_NL_2PRFIN20080131_164403_000000402065_00341_30956_2197.N1	31-JAN-2008 16:44:03	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	30956	No
277	GOM_NL_2PRFIN20080131_164550_000000362065_00341_30956_2198.N1	31-JAN-2008 16:45:50	Bright	35.500	107	37The Aur	2.6490	11000.	71	30956	No
278	GOM_NL_2PRFIN20080131_164756_000000372065_00341_30956_2199.N1	31-JAN-2008 16:47:56	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	30956	No

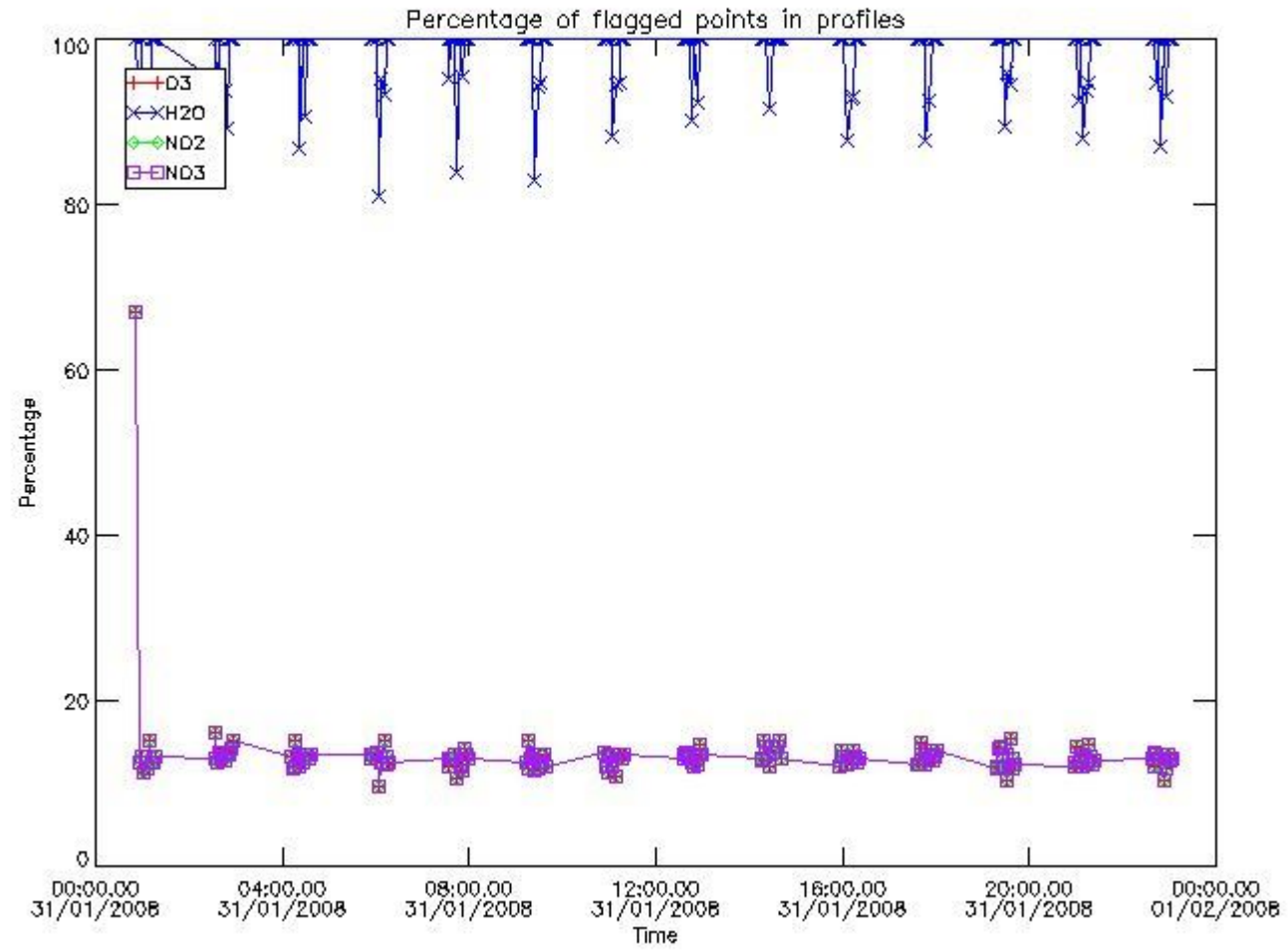
279	GOM_NL__2PRFIN20080131_170013_000000352065_00341_30956_2200.N1	31-JAN-2008 17:00:13	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30956	No
280	GOM_NL__2PRFIN20080131_171112_000000382065_00341_30956_2201.N1	31-JAN-2008 17:11:12	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	30956	No
281	GOM_NL__2PRFIN20080131_171448_000000362065_00341_30956_2202.N1	31-JAN-2008 17:14:48	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	30956	No
282	GOM_NL__2PRFIN20080131_172259_000000372065_00341_30956_2203.N1	31-JAN-2008 17:22:59	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	30956	No
283	GOM_NL__2PRFIN20080131_172507_000000372065_00341_30956_2204.N1	31-JAN-2008 17:25:07	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	30956	No
284	GOM_NL__2PRFIN20080131_173134_000000432065_00341_30956_2205.N1	31-JAN-2008 17:31:34	Twi_and_stray	42.500	86	35Eta Oph	2.4300	10200.	85	30956	No
285	GOM_NL__2PRFIN20080131_173420_000000402065_00341_30956_2206.N1	31-JAN-2008 17:34:20	Twilight	40.000	167	10Gam2Sgr	2.9840	4500.0	80	30956	No
286	GOM_NL__2PRFIN20080131_173639_000000422065_00341_30956_2207.N1	31-JAN-2008 17:36:39	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	30956	No
287	GOM_NL__2PRFIN20080131_173808_000000422065_00341_30956_2208.N1	31-JAN-2008 17:38:08	Dark	41.500	40	The Sco	1.8590	7100.0	83	30956	No
288	GOM_NL__2PRFIN20080131_174001_000000382065_00341_30956_2209.N1	31-JAN-2008 17:40:01	Dark	37.500	147	Alp Ara	2.8770	26000.	75	30956	No
289	GOM_NL__2PRFIN20080131_174135_000000382065_00341_30956_2210.N1	31-JAN-2008 17:41:35	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	30956	No
290	GOM_NL__2PRFIN20080131_174509_000000372065_00342_30957_2196.N1	31-JAN-2008 17:45:09	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30957	No
291	GOM_NL__2PRFIN20080131_174650_000000422065_00342_30957_2197.N1	31-JAN-2008 17:46:50	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	30957	No
292	GOM_NL__2PRFIN20080131_175126_000000402065_00342_30957_2198.N1	31-JAN-2008 17:51:26	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	30957	No
293	GOM_NL__2PRFIN20080131_175501_000000442065_00342_30957_2199.N1	31-JAN-2008 17:55:01	Dark	44.000	29	Bet Car	1.6720	10200.	88	30957	No
294	GOM_NL__2PRFIN20080131_175721_000000382065_00342_30957_2200.N1	31-JAN-2008 17:57:21	Dark	38.000	71	lot Car	2.2460	7700.0	76	30957	No
295	GOM_NL__2PRFIN20080131_175907_000000392065_00342_30957_2201.N1	31-JAN-2008 17:59:07	Dark	38.500	46	Del Vel	1.9540	10600.	77	30957	No
296	GOM_NL__2PRFIN20080131_180139_000000372065_00342_30957_2202.N1	31-JAN-2008 18:01:39	Dark	36.500	34	Gam2Vel	1.7930	23000.	73	30957	No
297	GOM_NL__2PRFIN20080131_180344_000000382065_00342_30957_2203.N1	31-JAN-2008 18:03:44	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	30957	No
298	GOM_NL__2PRFIN20080131_180507_000000422065_00342_30957_2204.N1	31-JAN-2008 18:05:07	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	30957	No
299	GOM_NL__2PRFIN20080131_180733_000000412065_00342_30957_2205.N1	31-JAN-2008 18:07:33	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30957	No
300	GOM_NL__2PRFIN20080131_180856_000000362065_00342_30957_2206.N1	31-JAN-2008 18:08:56	Straylight	35.500	179	24Omi2CMa	3.0320	24000.	71	30957	No
301	GOM_NL__2PRFIN20080131_181105_000000502065_00342_30957_2207.N1	31-JAN-2008 18:11:05	Straylight	50.000	1	9Alp CMa	-1.4400	11000.	100	30957	No
302	GOM_NL__2PRFIN20080131_181654_000000492065_00342_30957_2208.N1	31-JAN-2008 18:16:54	Twi_and_stray	49.000	8	10Alp CMi	0.40000	6500.0	98	30957	No
303	GOM_NL__2PRFIN20080131_182019_000000382065_00342_30957_2209.N1	31-JAN-2008 18:20:19	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30957	No
304	GOM_NL__2PRFIN20080131_182209_000000402065_00342_30957_2210.N1	31-JAN-2008 18:22:09	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	30957	No
305	GOM_NL__2PRFIN20080131_182439_000000392065_00342_30957_2211.N1	31-JAN-2008 18:24:39	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	30957	No
306	GOM_NL__2PRFIN20080131_182627_000000342065_00342_30957_2212.N1	31-JAN-2008 18:26:27	Bright	34.000	107	37The Aur	2.6490	11000.	68	30957	No
307	GOM_NL__2PRFIN20080131_182832_000000352065_00342_30957_2213.N1	31-JAN-2008 18:28:32	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	30957	No
308	GOM_NL__2PRFIN20080131_184049_000000372065_00342_30957_2214.N1	31-JAN-2008 18:40:49	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30957	No
309	GOM_NL__2PRFIN20080131_185148_000000362065_00342_30957_2215.N1	31-JAN-2008 18:51:48	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	30957	No
310	GOM_NL__2PRFIN20080131_185525_000000342065_00342_30957_2216.N1	31-JAN-2008 18:55:25	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	30957	No
311	GOM_NL__2PRFIN20080131_190336_000000552065_00342_30957_2217.N1	31-JAN-2008 19:03:36	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	30957	No
312	GOM_NL__2PRFIN20080131_190544_000000382065_00342_30957_2218.N1	31-JAN-2008 19:05:44	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	30957	No
313	GOM_NL__2PRFIN20080131_191210_000000412065_00342_30957_2219.N1	31-JAN-2008 19:12:10	Twi_and_stray	41.000	86	35Eta Oph	2.4300	10200.	82	30957	No
314	GOM_NL__2PRFIN20080131_191456_000000432065_00342_30957_2220.N1	31-JAN-2008 19:14:56	Twilight	42.500	167	10Gam2Sgr	2.9840	4500.0	85	30957	No
315	GOM_NL__2PRFIN20080131_191715_000000442065_00342_30957_2221.N1	31-JAN-2008 19:17:15	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	30957	No
316	GOM_NL__2PRFIN20080131_191844_000000432065_00342_30957_2222.N1	31-JAN-2008 19:18:44	Dark	42.500	40	The Sco	1.8590	7100.0	85	30957	No
317	GOM_NL__2PRFIN20080131_192037_000000362065_00342_30957_2223.N1	31-JAN-2008 19:20:37	Dark	36.000	147	Alp Ara	2.8770	26000.	72	30957	No
318	GOM_NL__2PRFIN20080131_192211_000000392065_00342_30957_2224.N1	31-JAN-2008 19:22:11	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	30957	No
319	GOM_NL__2PRFIN20080131_192545_000000382065_00343_30958_2212.N1	31-JAN-2008 19:25:45	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	30958	No
320	GOM_NL__2PRFIN20080131_192727_000000432065_00343_30958_2213.N1	31-JAN-2008 19:27:27	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	30958	No
321	GOM_NL__2PRFIN20080131_193202_000000502065_00343_30958_2214.N1	31-JAN-2008 19:32:02	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	30958	No
322	GOM_NL__2PRFIN20080131_193537_000000372065_00343_30958_2215.N1	31-JAN-2008 19:35:37	Dark	36.500	29	Bet Car	1.6720	10200.	73	30958	No
323	GOM_NL__2PRFIN20080131_193758_000000402065_00343_30958_2216.N1	31-JAN-2008 19:37:58	Dark	39.500	71	lot Car	2.2460	7700.0	79	30958	No
324	GOM_NL__2PRFIN20080131_193943_000000442065_00343_30958_2217.N1	31-JAN-2008 19:39:43	Dark	43.500	46	Del Vel	1.9540	10600.	87	30958	No
325	GOM_NL__2PRFIN20080131_194215_000000422065_00343_30958_2218.N1	31-JAN-2008 19:42:15	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	30958	No
326	GOM_NL__2PRFIN20080131_194420_000000422065_00343_30958_2219.N1	31-JAN-2008 19:44:20	Straylight	42.000	70	Zet Pup	2.2460	39000.	84	30958	No
327	GOM_NL__2PRFIN20080131_194543_000000432065_00343_30958_2220.N1	31-JAN-2008 19:45:43	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	30958	No
328	GOM_NL__2PRFIN20080131_194810_000000402065_00343_30958_2221.N1	31-JAN-2008 19:48:10	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	30958	No
329	GOM_NL__2PRFIN20080131_194932_000000392065_00343_30958_2222.N1	31-JAN-2008 19:49:32	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	30958	No
330	GOM_NL__2PRFIN20080131_195142_000000482065_00343_30958_2223.N1	31-JAN-2008 19:51:42	Straylight	48.000	1	9Alp CMa	-1.4400	11000.	96	30958	No
331	GOM_NL__2PRFIN20080131_195730_000000452065_00343_30958_2224.N1	31-JAN-2008 19:57:30	Twi_and_stray	45.000	8	10Alp CMi	0.40000	6500.0	90	30958	No
332	GOM_NL__2PRFIN20080131_200055_000000382065_00343_30958_2225.N1	31-JAN-2008 20:00:55	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	30958	No
333	GOM_NL__2PRFIN20080131_200245_000000382065_00343_30958_2226.N1	31-JAN-2008 20:02:45	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	30958	No
334	GOM_NL__2PRFIN20080131_200515_000000382065_00343_30958_2227.N1	31-JAN-2008 20:05:15	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	30958	No
335	GOM_NL__2PRFIN20080131_200703_000000342065_00343_30958_2228.N1	31-JAN-2008 20:07:03	Bright	34.000	107	37The Aur	2.6490	11000.	68	30958	No
336	GOM_NL__2PRFIN20080131_200908_000000352065_00343_30958_2229.N1	31-JAN-2008 20:09:08	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	30958	No
337	GOM_NL__2PRFIN20080131_202125_000000372065_00343_30958_2230.N1	31-JAN-2008 20:21:25	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	30958	No

338	GOM_NL__2PRFIN20080131_203224_000000382065_00343_30958_2231.N1	31-JAN-2008 20:32:24	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	30958	No
339	GOM_NL__2PRFIN20080131_203601_000000372065_00343_30958_2232.N1	31-JAN-2008 20:36:01	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	30958	No
340	GOM_NL__2PRFIN20080131_204412_000000552065_00343_30958_2233.N1	31-JAN-2008 20:44:12	Bright	55.000	59	55Alp Oph	2.0800	8900.0	110	30958	No
341	GOM_NL__2PRFIN20080131_204620_000000372065_00343_30958_2234.N1	31-JAN-2008 20:46:20	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	30958	No
342	GOM_NL__2PRFIN20080131_205247_000000442065_00343_30958_2235.N1	31-JAN-2008 20:52:47	Tw_i_and_stray	43.500	86	35Eta Oph	2.4300	10200.	87	30958	No
343	GOM_NL__2PRFIN20080131_205532_000000412065_00343_30958_2236.N1	31-JAN-2008 20:55:32	Twilight	41.000	167	10Gam2Sgr	2.9840	4500.0	82	30958	No
344	GOM_NL__2PRFIN20080131_205751_000000422065_00343_30958_2237.N1	31-JAN-2008 20:57:51	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	30958	No
345	GOM_NL__2PRFIN20080131_205920_000000412065_00343_30958_2238.N1	31-JAN-2008 20:59:20	Dark	40.500	40	The Sco	1.8590	7100.0	81	30958	No
346	GOM_NL__2PRFIN20080131_210113_000000362065_00343_30958_2239.N1	31-JAN-2008 21:01:13	Dark	35.500	147	Alp Ara	2.8770	26000.	71	30958	No
347	GOM_NL__2PRFIN20080131_210247_000000412065_00343_30958_2240.N1	31-JAN-2008 21:02:47	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	30958	No
348	GOM_NL__2PRFIN20080131_210621_000000382065_00344_30959_2233.N1	31-JAN-2008 21:06:21	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	30959	No
349	GOM_NL__2PRFIN20080131_210803_000000422065_00344_30959_2234.N1	31-JAN-2008 21:08:03	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	30959	No
350	GOM_NL__2PRFIN20080131_211239_000000412065_00344_30959_2235.N1	31-JAN-2008 21:12:39	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	30959	No
351	GOM_NL__2PRFIN20080131_211613_000000382065_00344_30959_2236.N1	31-JAN-2008 21:16:13	Dark	38.000	29	Bet Car	1.6720	10200.	76	30959	No
352	GOM_NL__2PRFIN20080131_211834_000000392065_00344_30959_2237.N1	31-JAN-2008 21:18:34	Dark	38.500	71	lot Car	2.2460	7700.0	77	30959	No
353	GOM_NL__2PRFIN20080131_212019_000000422065_00344_30959_2238.N1	31-JAN-2008 21:20:19	Dark	41.500	46	Del Vel	1.9540	10600.	83	30959	No
354	GOM_NL__2PRFIN20080131_212251_000000402065_00344_30959_2239.N1	31-JAN-2008 21:22:51	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	30959	No
355	GOM_NL__2PRFIN20080131_212456_000000412065_00344_30959_2240.N1	31-JAN-2008 21:24:56	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	30959	No
356	GOM_NL__2PRFIN20080131_212619_000000432065_00344_30959_2241.N1	31-JAN-2008 21:26:19	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	30959	No
357	GOM_NL__2PRFIN20080131_212846_000000402065_00344_30959_2242.N1	31-JAN-2008 21:28:46	Straylight	39.500	23	21Eps CMa	1.5020	26000.	79	30959	No
358	GOM_NL__2PRFIN20080131_213008_000000372065_00344_30959_2243.N1	31-JAN-2008 21:30:08	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	30959	No
359	GOM_NL__2PRFIN20080131_213217_000000472065_00344_30959_2244.N1	31-JAN-2008 21:32:17	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	30959	No
360	GOM_NL__2PRFIN20080131_213806_000000482065_00344_30959_2245.N1	31-JAN-2008 21:38:06	Tw_i_and_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	30959	No
361	GOM_NL__2PRFIN20080131_214131_000000372065_00344_30959_2246.N1	31-JAN-2008 21:41:31	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	30959	No
362	GOM_NL__2PRFIN20080131_214321_000000392065_00344_30959_2247.N1	31-JAN-2008 21:43:21	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	30959	No
363	GOM_NL__2PRFIN20080131_214550_000000372065_00344_30959_2248.N1	31-JAN-2008 21:45:50	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	30959	No
364	GOM_NL__2PRFIN20080131_214739_000000352065_00344_30959_2249.N1	31-JAN-2008 21:47:39	Bright	34.500	107	37The Aur	2.6490	11000.	69	30959	No
365	GOM_NL__2PRFIN20080131_214944_000000372065_00344_30959_2250.N1	31-JAN-2008 21:49:44	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	30959	No
366	GOM_NL__2PRFIN20080131_220201_000000342065_00344_30959_2251.N1	31-JAN-2008 22:02:01	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	30959	No
367	GOM_NL__2PRFIN20080131_221300_000000352065_00344_30959_2252.N1	31-JAN-2008 22:13:00	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	30959	No
368	GOM_NL__2PRFIN20080131_221637_000000382065_00344_30959_2253.N1	31-JAN-2008 22:16:37	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	30959	No
369	GOM_NL__2PRFIN20080131_222448_000000362065_00344_30959_2254.N1	31-JAN-2008 22:24:48	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	30959	No
370	GOM_NL__2PRFIN20080131_222656_000000542065_00344_30959_2255.N1	31-JAN-2008 22:26:56	Bright	54.000	126	60Bet Oph	2.7700	4250.0	108	30959	No
371	GOM_NL__2PRFIN20080131_223323_000000442065_00344_30959_2256.N1	31-JAN-2008 22:33:23	Tw_i_and_stray	44.000	86	35Eta Oph	2.4300	10200.	88	30959	No
372	GOM_NL__2PRFIN20080131_223608_000000422065_00344_30959_2257.N1	31-JAN-2008 22:36:08	Twilight	42.000	167	10Gam2Sgr	2.9840	4500.0	84	30959	No
373	GOM_NL__2PRFIN20080131_223828_000000392065_00344_30959_2258.N1	31-JAN-2008 22:38:28	Dark	39.000	25	35Lam Sco	1.6200	28000.	78	30959	No
374	GOM_NL__2PRFIN20080131_223956_000000432065_00344_30959_2259.N1	31-JAN-2008 22:39:56	Dark	42.500	40	The Sco	1.8590	7100.0	85	30959	No
375	GOM_NL__2PRFIN20080131_224149_000000372065_00344_30959_2260.N1	31-JAN-2008 22:41:49	Dark	37.000	147	Alp Ara	2.8770	26000.	74	30959	No
376	GOM_NL__2PRFIN20080131_224323_000000382065_00344_30959_2261.N1	31-JAN-2008 22:43:23	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	30959	No
377	GOM_NL__2PRFIN20080131_224658_000000402065_00345_30960_2250.N1	31-JAN-2008 22:46:58	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	30960	No
378	GOM_NL__2PRFIN20080131_224839_000000432065_00345_30960_2251.N1	31-JAN-2008 22:48:39	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	30960	No
379	GOM_NL__2PRFIN20080131_225315_000000502065_00345_30960_2252.N1	31-JAN-2008 22:53:15	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	30960	No
380	GOM_NL__2PRFIN20080131_225649_000000442065_00345_30960_2253.N1	31-JAN-2008 22:56:49	Dark	43.500	29	Bet Car	1.6720	10200.	87	30960	No
381	GOM_NL__2PRFIN20080131_225910_000000382065_00345_30960_2254.N1	31-JAN-2008 22:59:10	Dark	38.000	71	lot Car	2.2460	7700.0	76	30960	No
382	GOM_NL__2PRFIN20080131_230055_000000402065_00345_30960_2255.N1	31-JAN-2008 23:00:55	Dark	40.000	46	Del Vel	1.9540	10600.	80	30960	No
383	GOM_NL__2PRFIN20080131_230327_000000392065_00345_30960_2256.N1	31-JAN-2008 23:03:27	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	30960	No
384	GOM_NL__2PRFIN20080131_230532_000000382065_00345_30960_2257.N1	31-JAN-2008 23:05:32	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	30960	No
385	GOM_NL__2PRFIN20080131_230655_000000382065_00345_30960_2258.N1	31-JAN-2008 23:06:55	Straylight	37.500	117	Pi Pup	2.7060	3800.0	75	30960	No
386	GOM_NL__2PRFIN20080131_230922_000000392065_00345_30960_2259.N1	31-JAN-2008 23:09:22	Straylight	39.000	23	21Eps CMa	1.5020	26000.	78	30960	No
387	GOM_NL__2PRFIN20080131_231044_000000382065_00345_30960_2260.N1	31-JAN-2008 23:10:44	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30960	No
388	GOM_NL__2PRFIN20080131_231253_000000452065_00345_30960_2261.N1	31-JAN-2008 23:12:53	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	30960	No
389	GOM_NL__2PRFIN20080131_231842_000000482065_00345_30960_2262.N1	31-JAN-2008 23:18:42	Tw_i_and_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	30960	No
390	GOM_NL__2PRFIN20080131_232207_000000402065_00345_30960_2263.N1	31-JAN-2008 23:22:07	Bright	39.500	44	24Gam Gem	1.9280	11000.	79	30960	No
391	GOM_NL__2PRFIN20080131_232357_000000382065_00345_30960_2264.N1	31-JAN-2008 23:23:57	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	30960	No
392	GOM_NL__2PRFIN20080131_232626_000000382065_00345_30960_2265.N1	31-JAN-2008 23:26:26	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	30960	No
393	GOM_NL__2PRFIN20080131_232815_000000352065_00345_30960_2266.N1	31-JAN-2008 23:28:15	Bright	35.000	107	37The Aur	2.6490	11000.	70	30960	No
394	GOM_NL__2PRFIN20080131_233020_000000362065_00345_30960_2267.N1	31-JAN-2008 23:30:20	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30960	No
395	GOM_NL__2PRFIN20080131_234237_000000362065_00345_30960_2268.N1	31-JAN-2008 23:42:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30960	No
396	GOM_NL__2PRFIN20080131_235336_000000372065_00345_30960_2269.N1	31-JAN-2008 23:53:36	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30960	No

3. Quality information per product

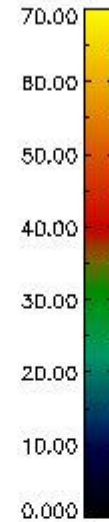
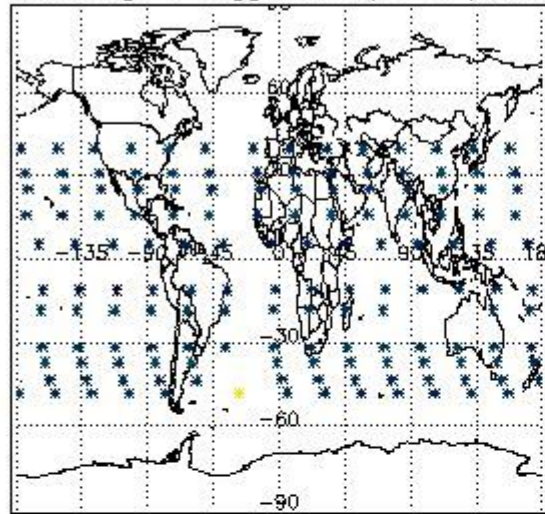
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

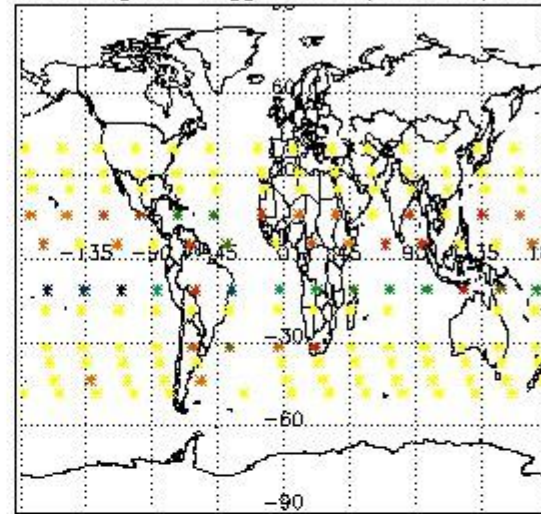


3.2 Plot quality information per product (world map)

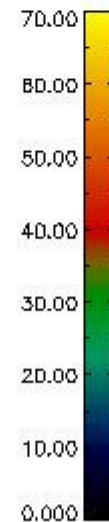
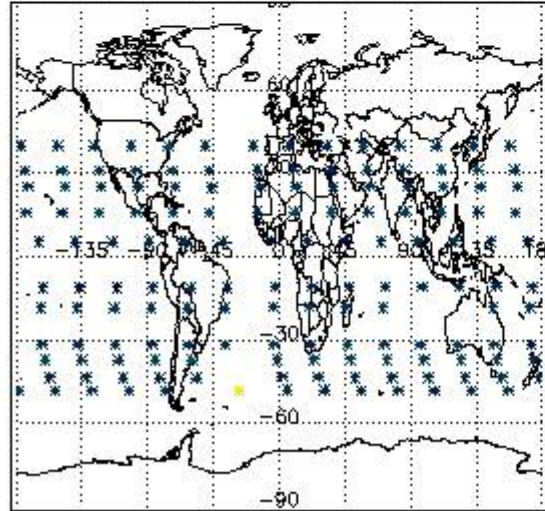
Percentage of flagged data per O3 profile



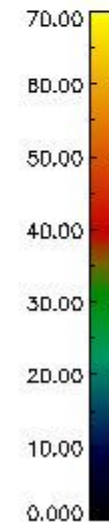
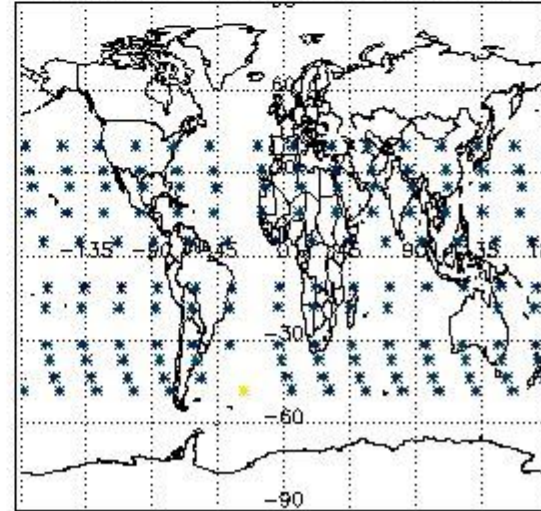
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

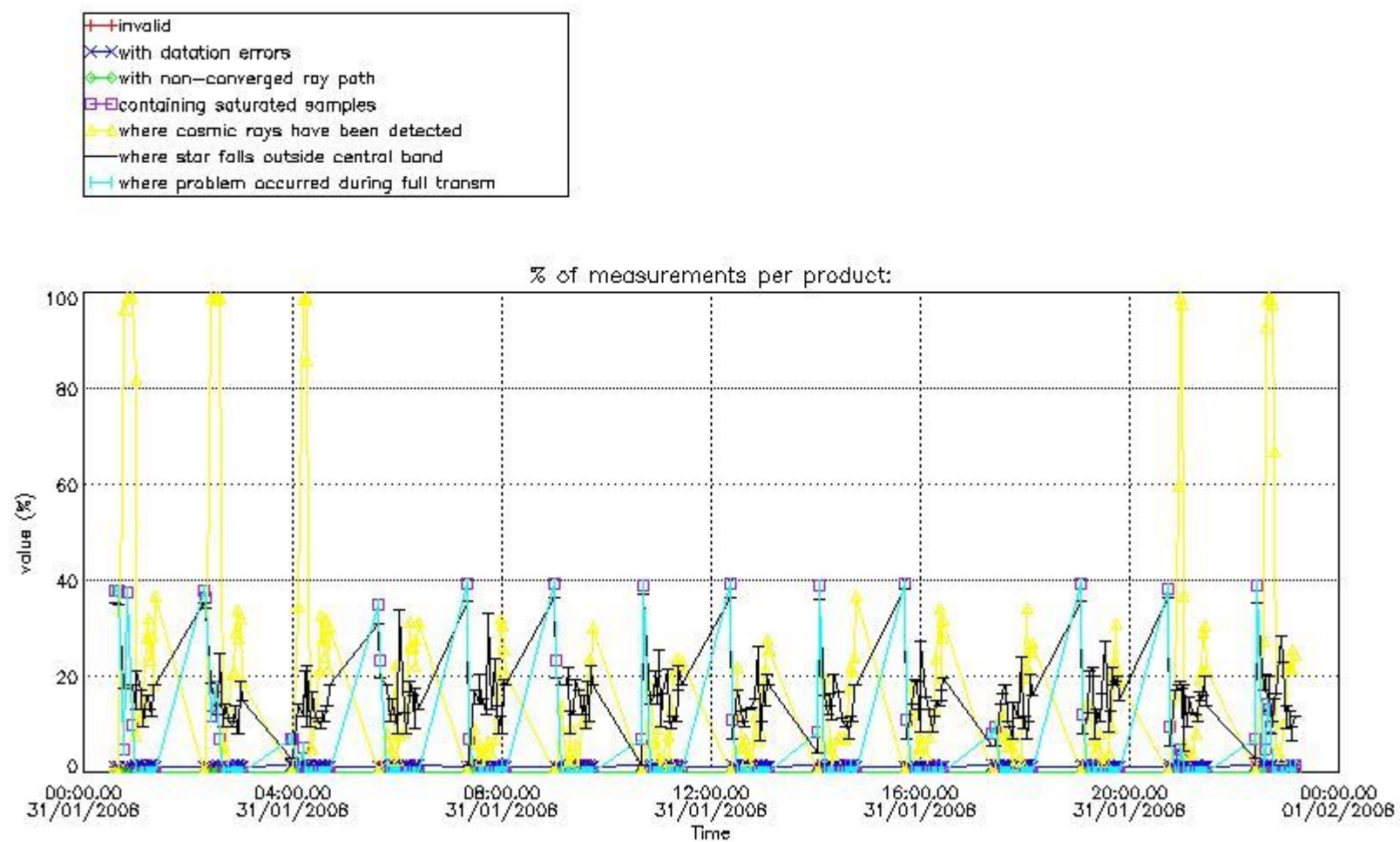


4. Level 1 quality information per product

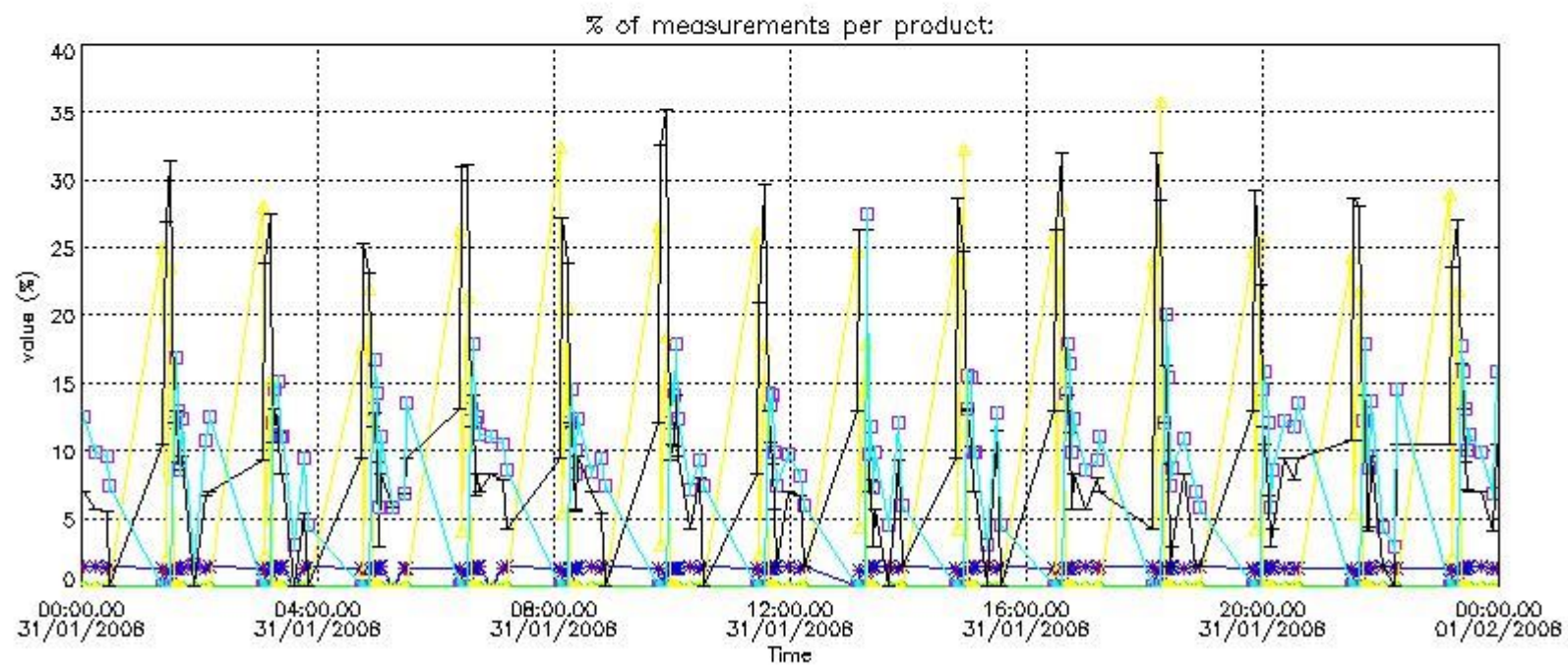
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

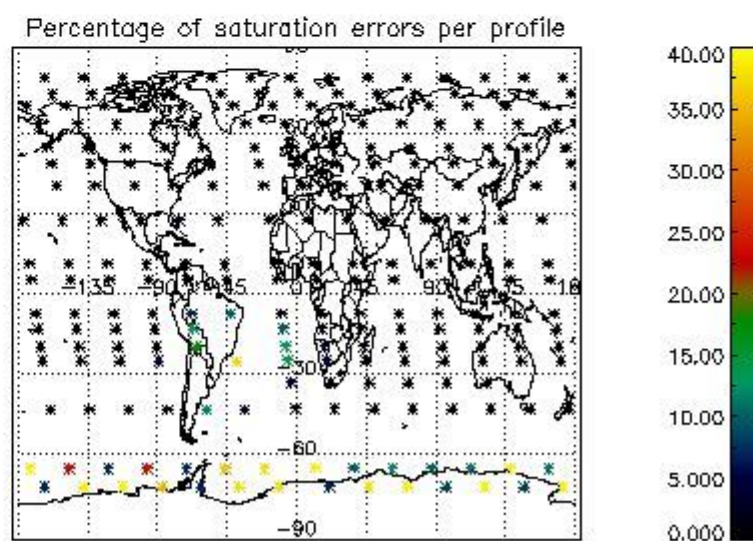
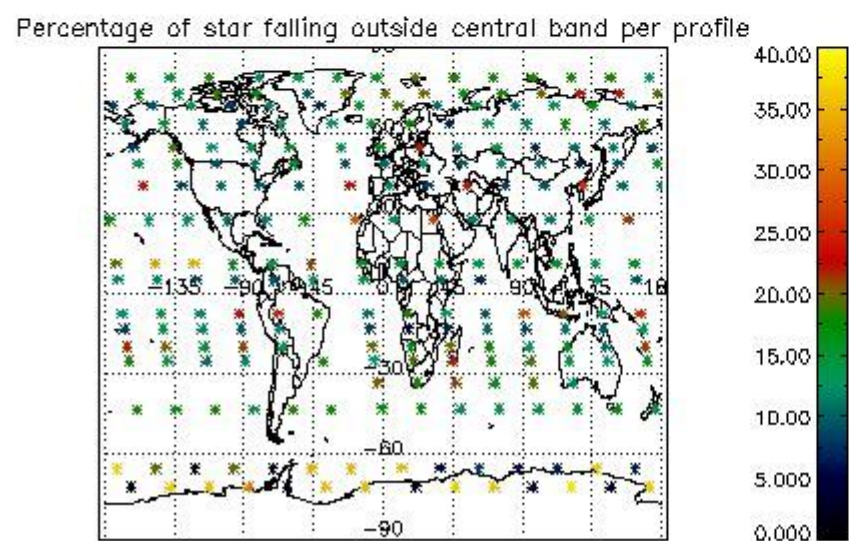
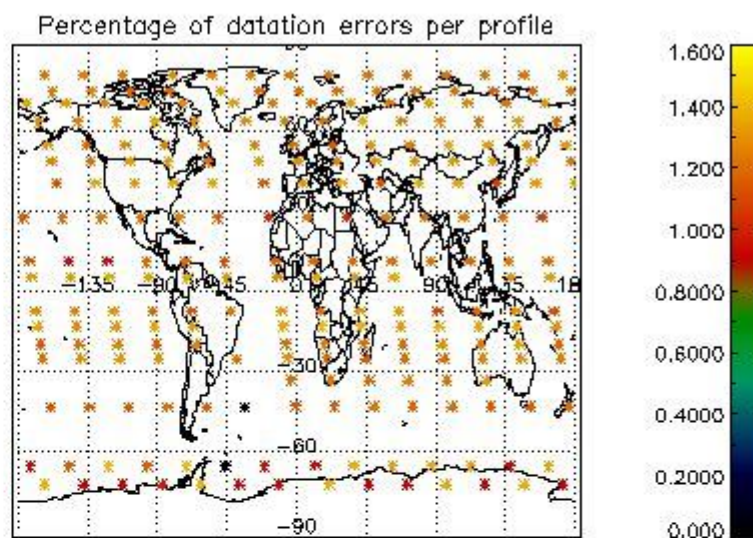
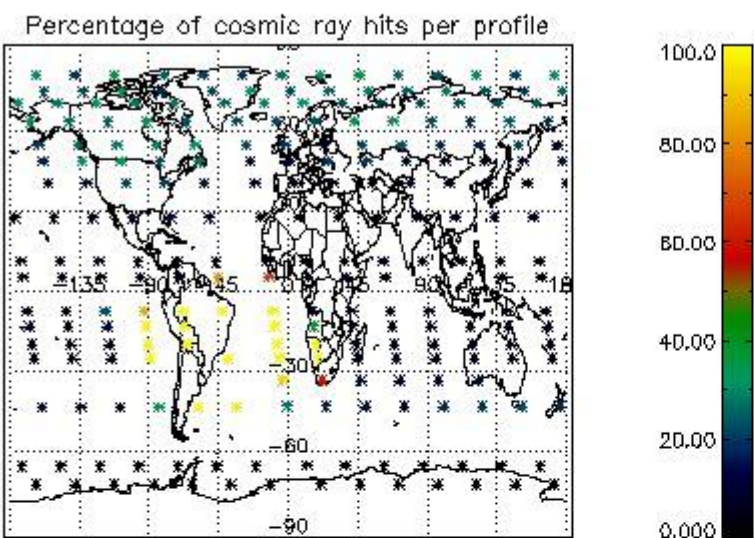


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

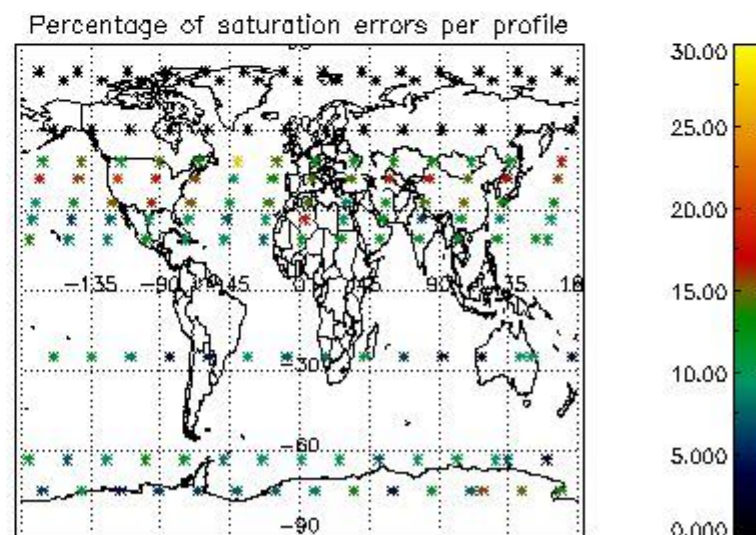
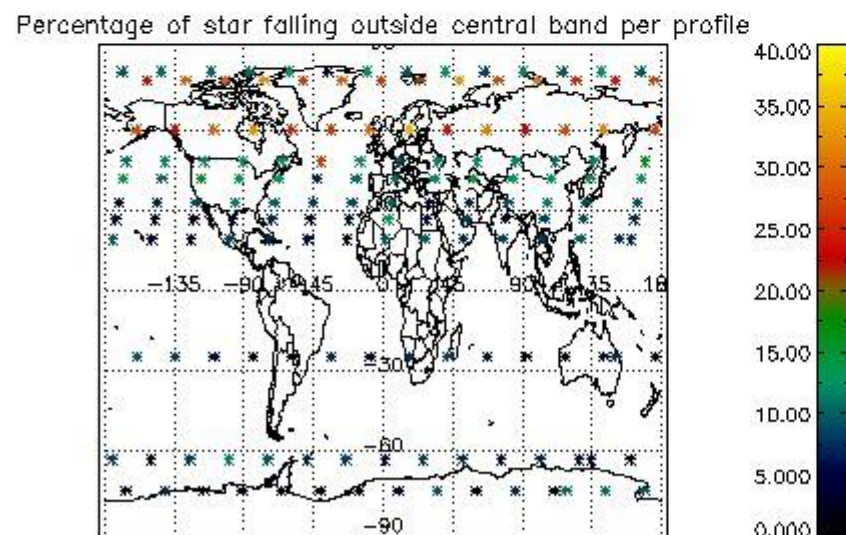
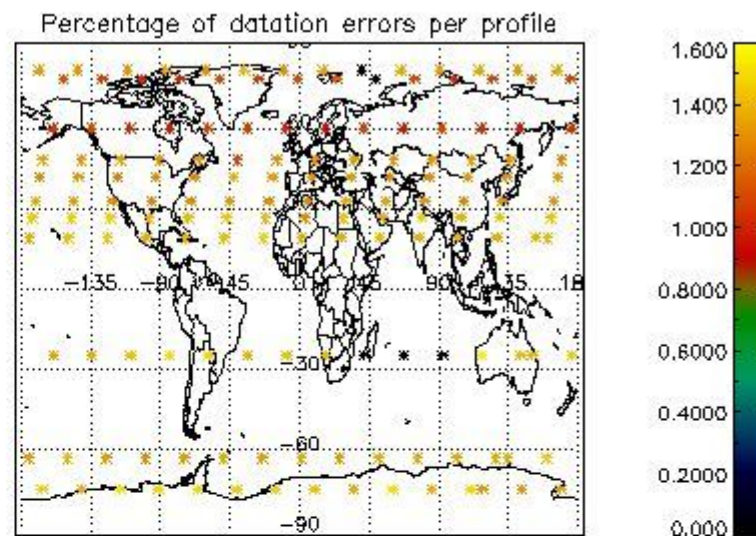
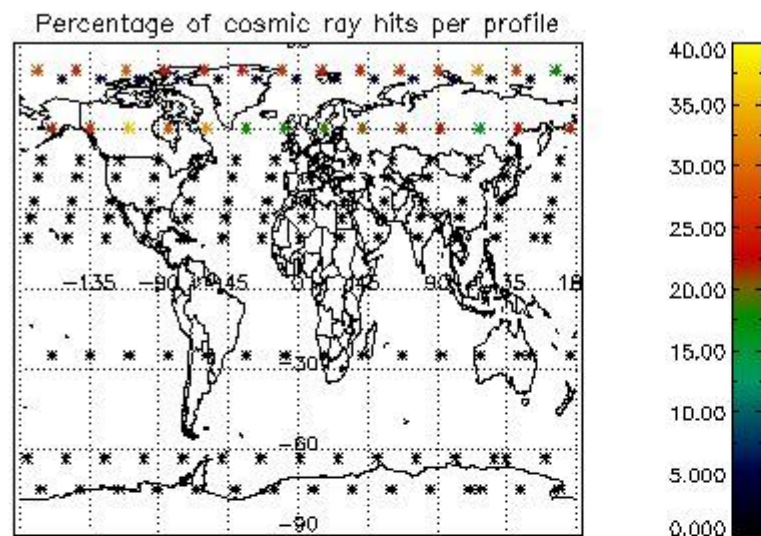


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

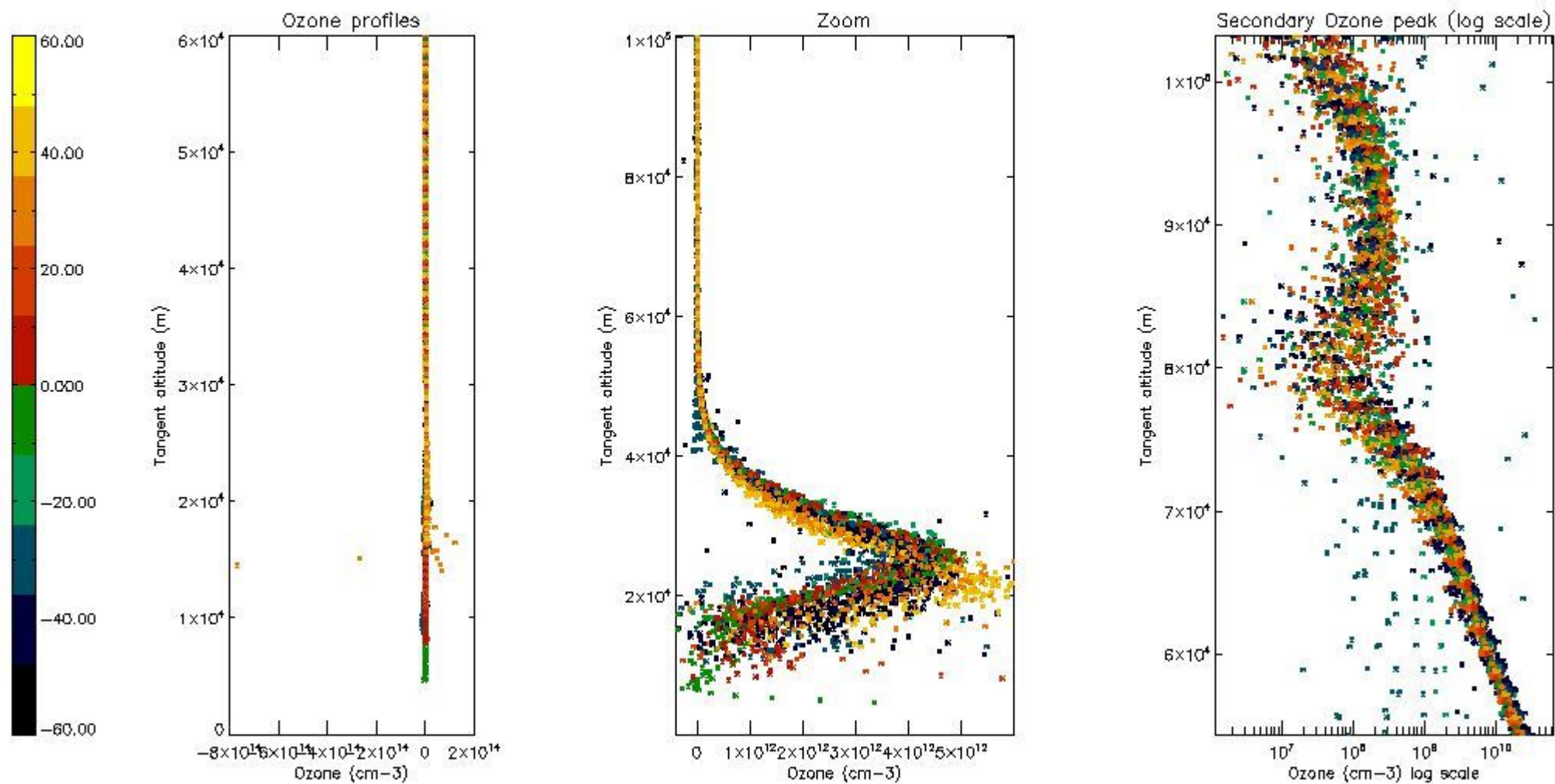
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	21

STD < 10	17
STD < 5	11

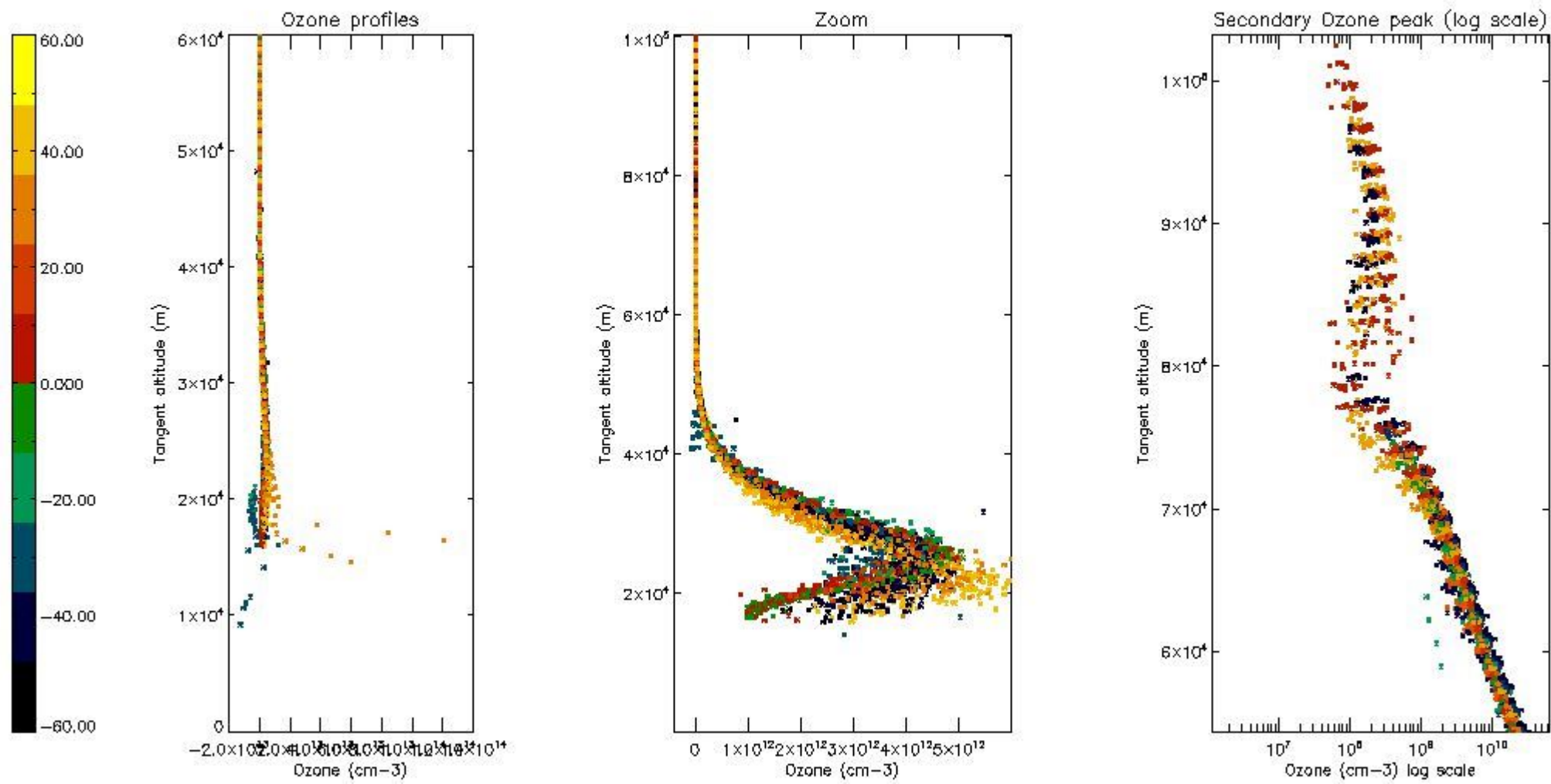
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



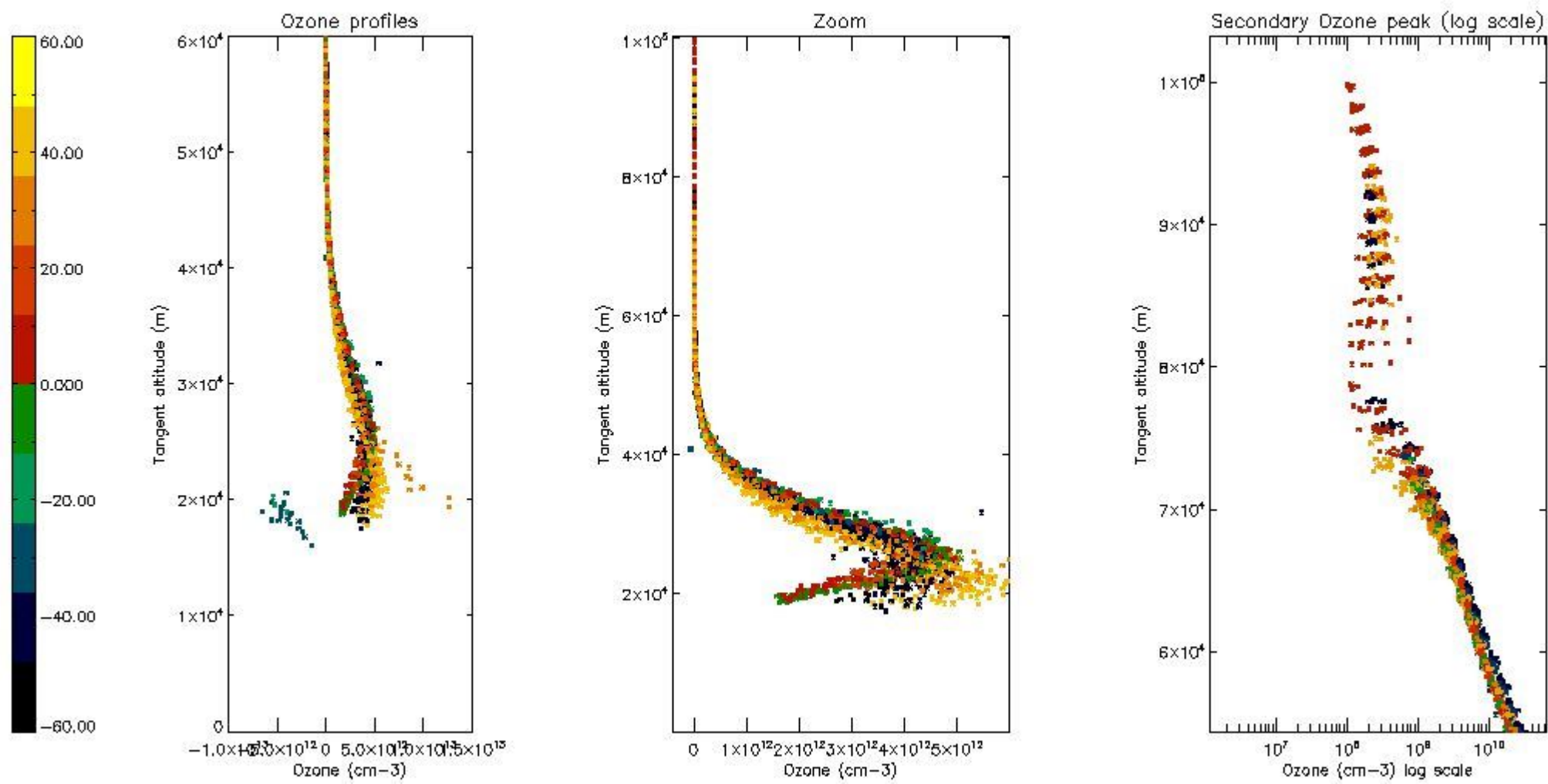
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



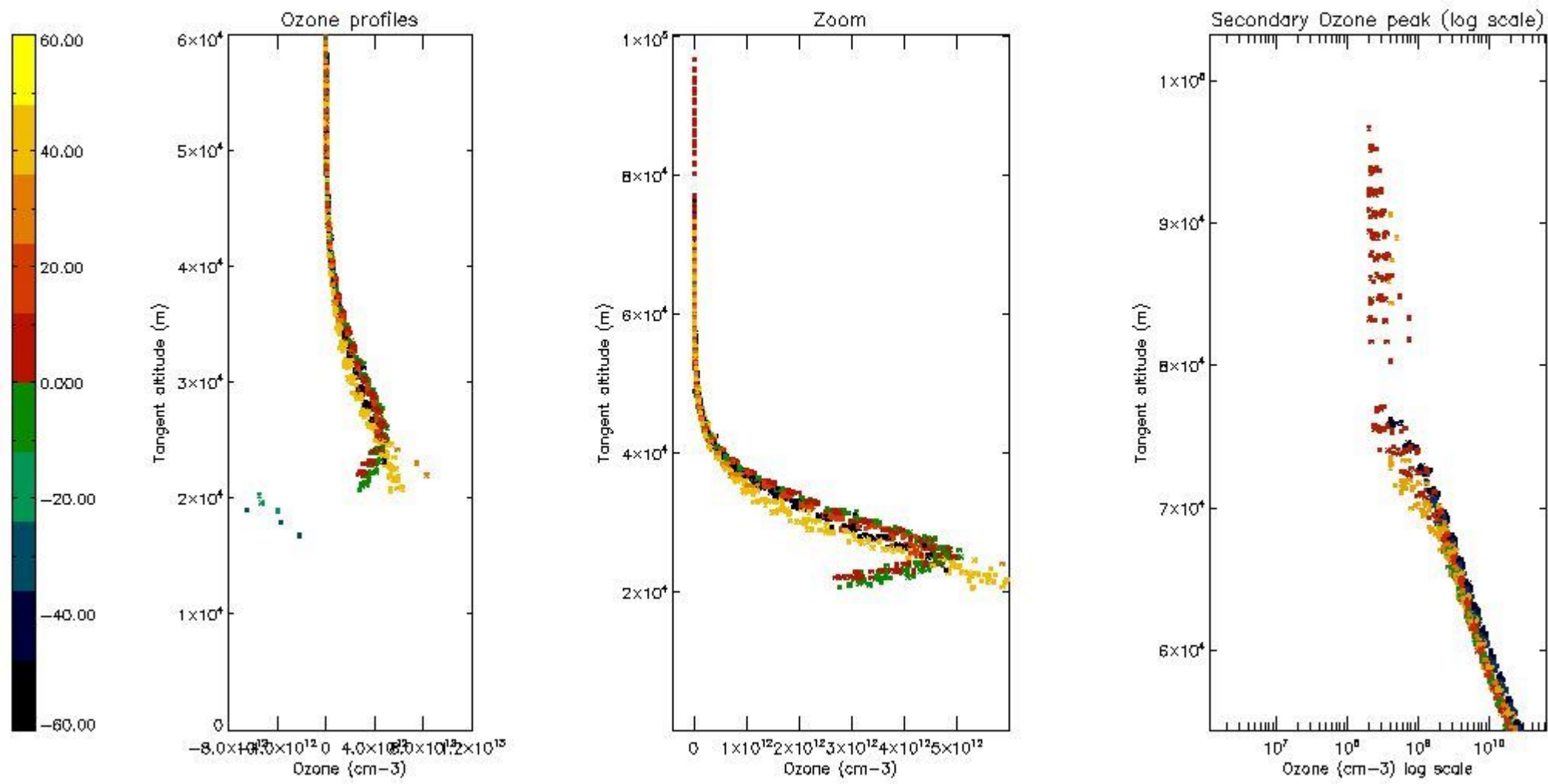
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



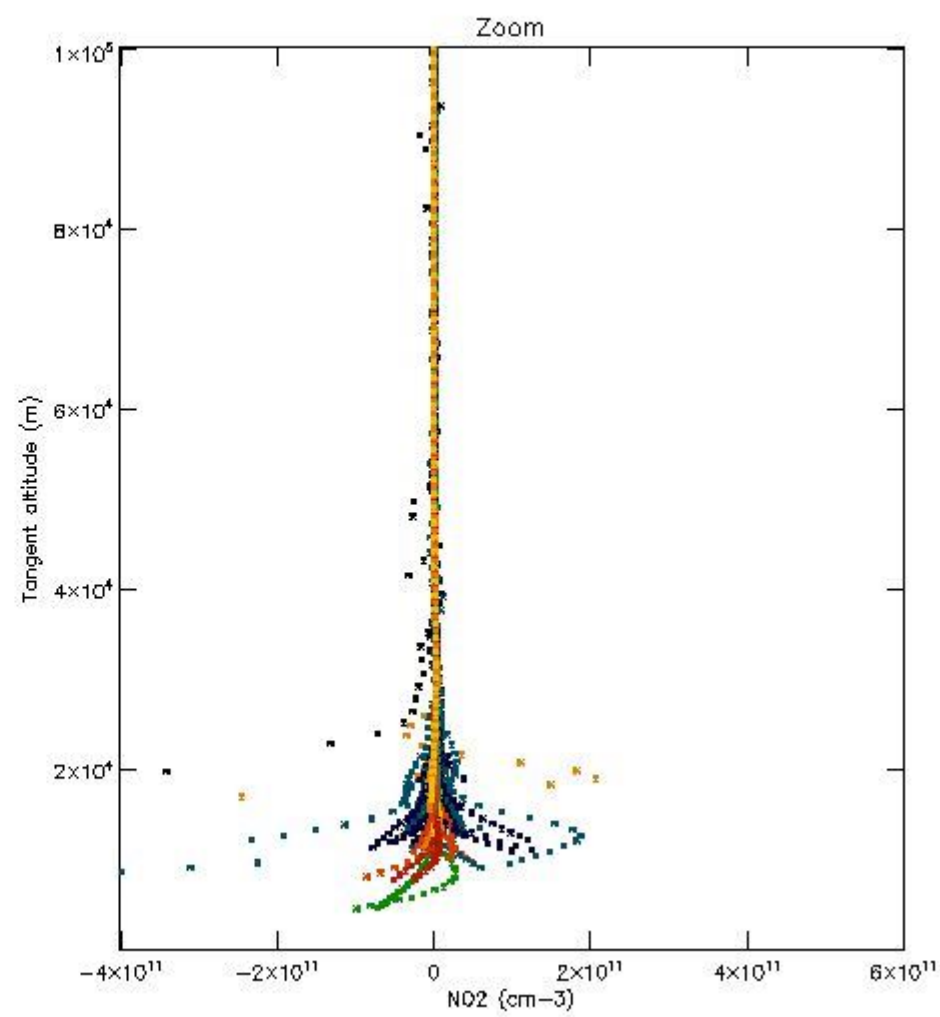
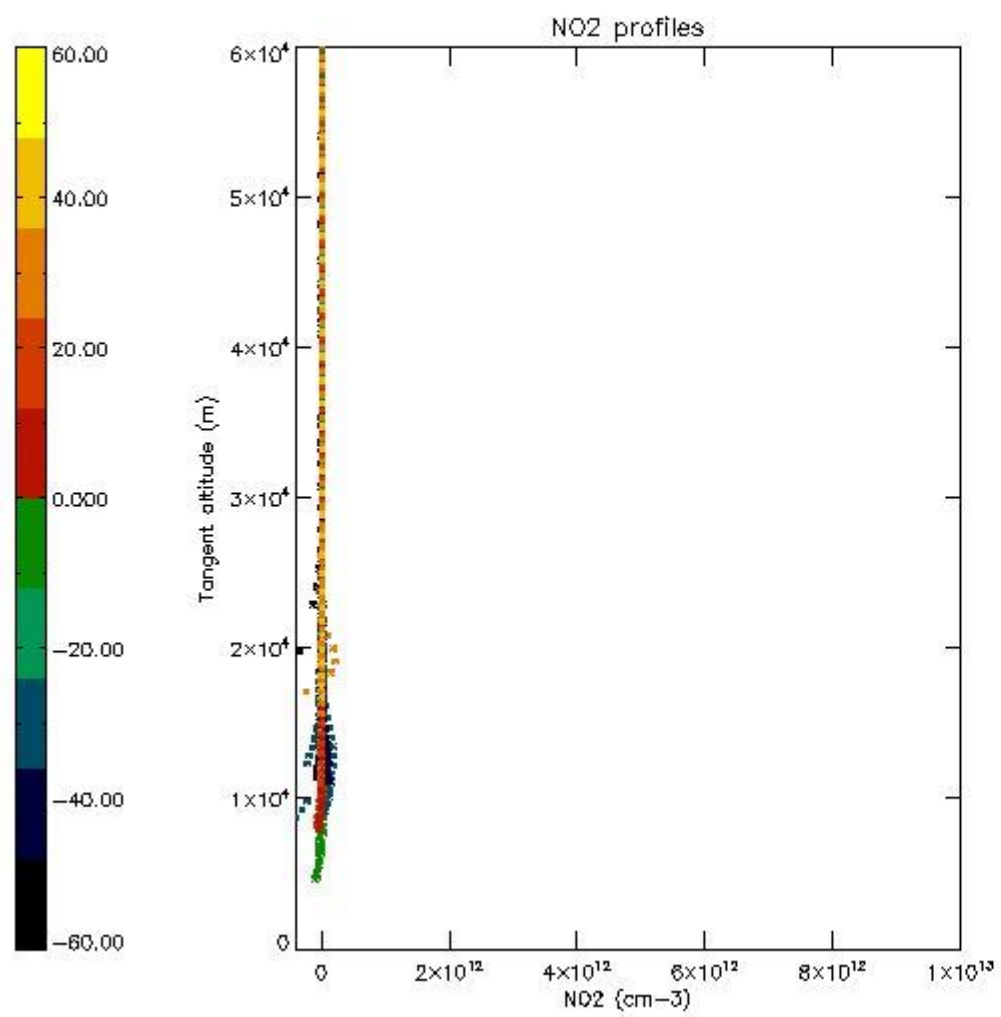
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



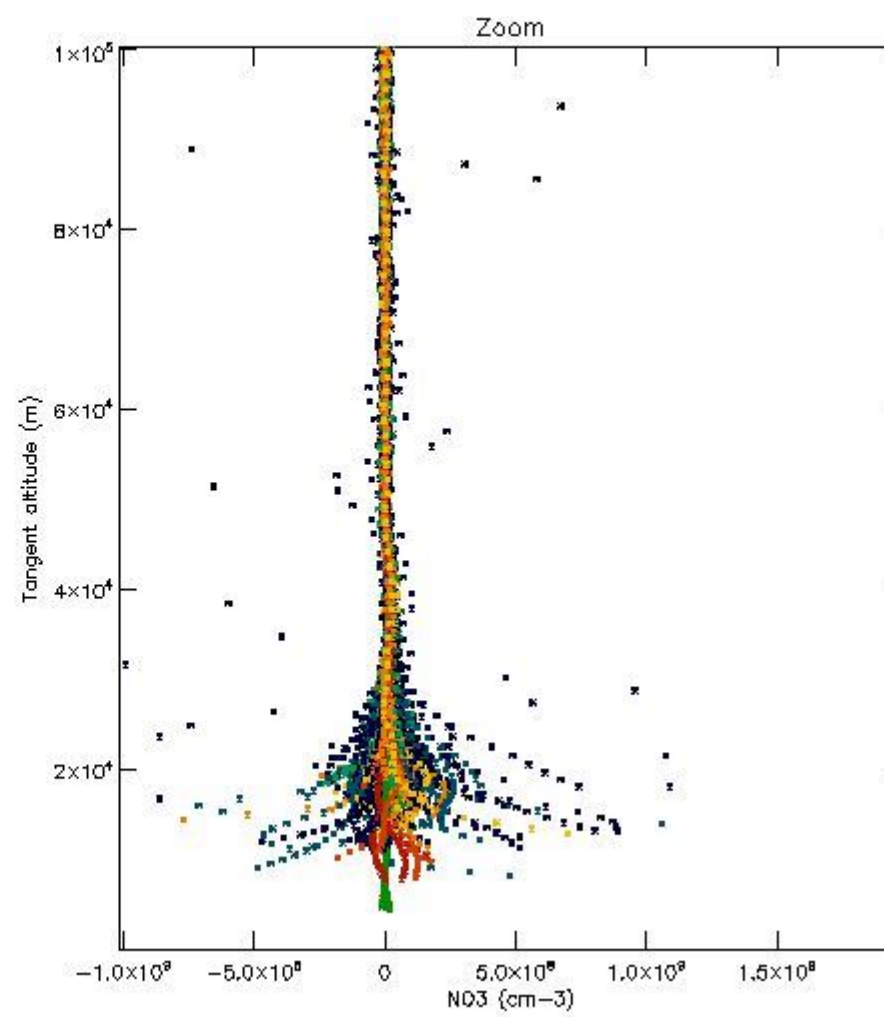
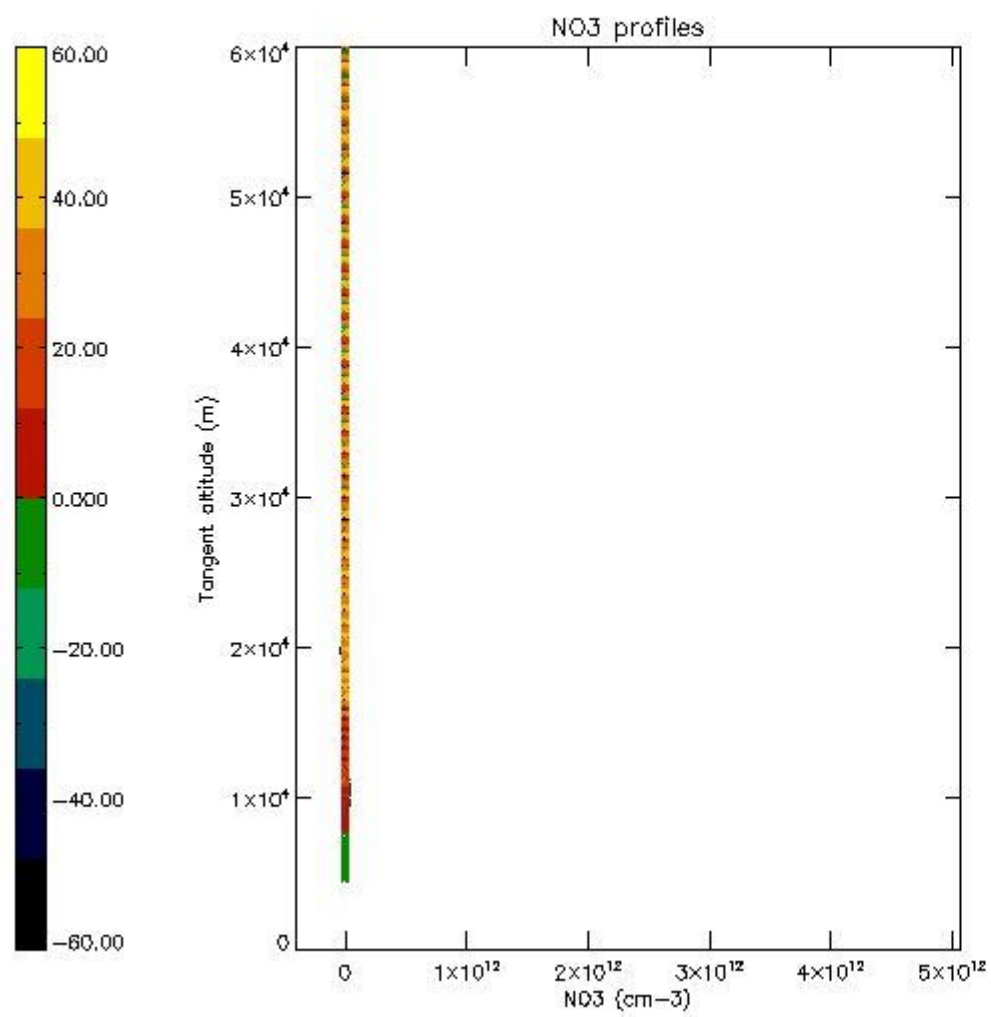
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



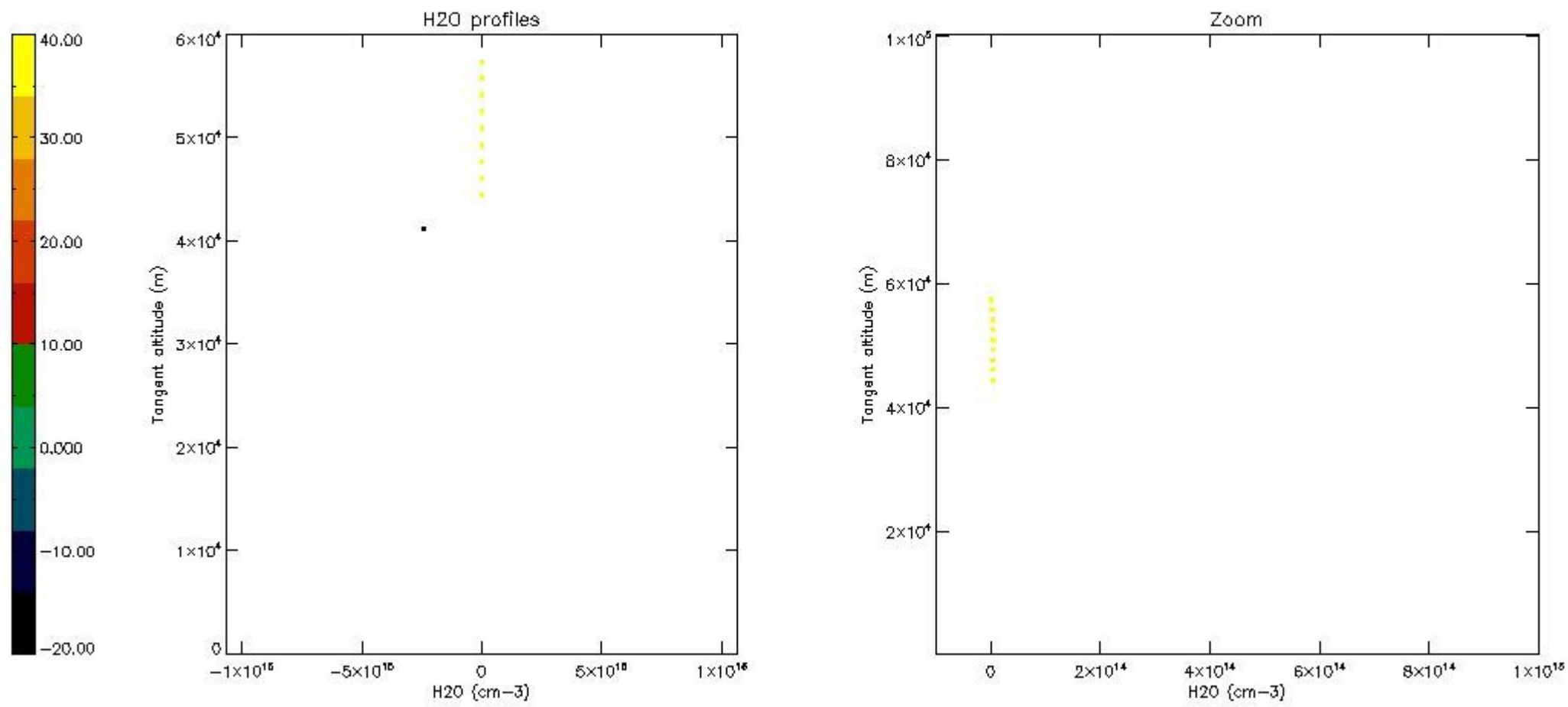
5.7 Plot NO3 profiles for all STD (dark without errors)

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	31-JAN-2008 00:01:55
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	31-JAN-2008 00:01:55
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	31-JAN-2008 00:01:55

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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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% \(dark without errors\)](#)

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[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 09:48:40
Data source version	GOMOS/6.01
Start time of products	31-01-2008 (31JAN2008 00:00:00)
Stop time of products	01-02-2008 (01FEB2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	397
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

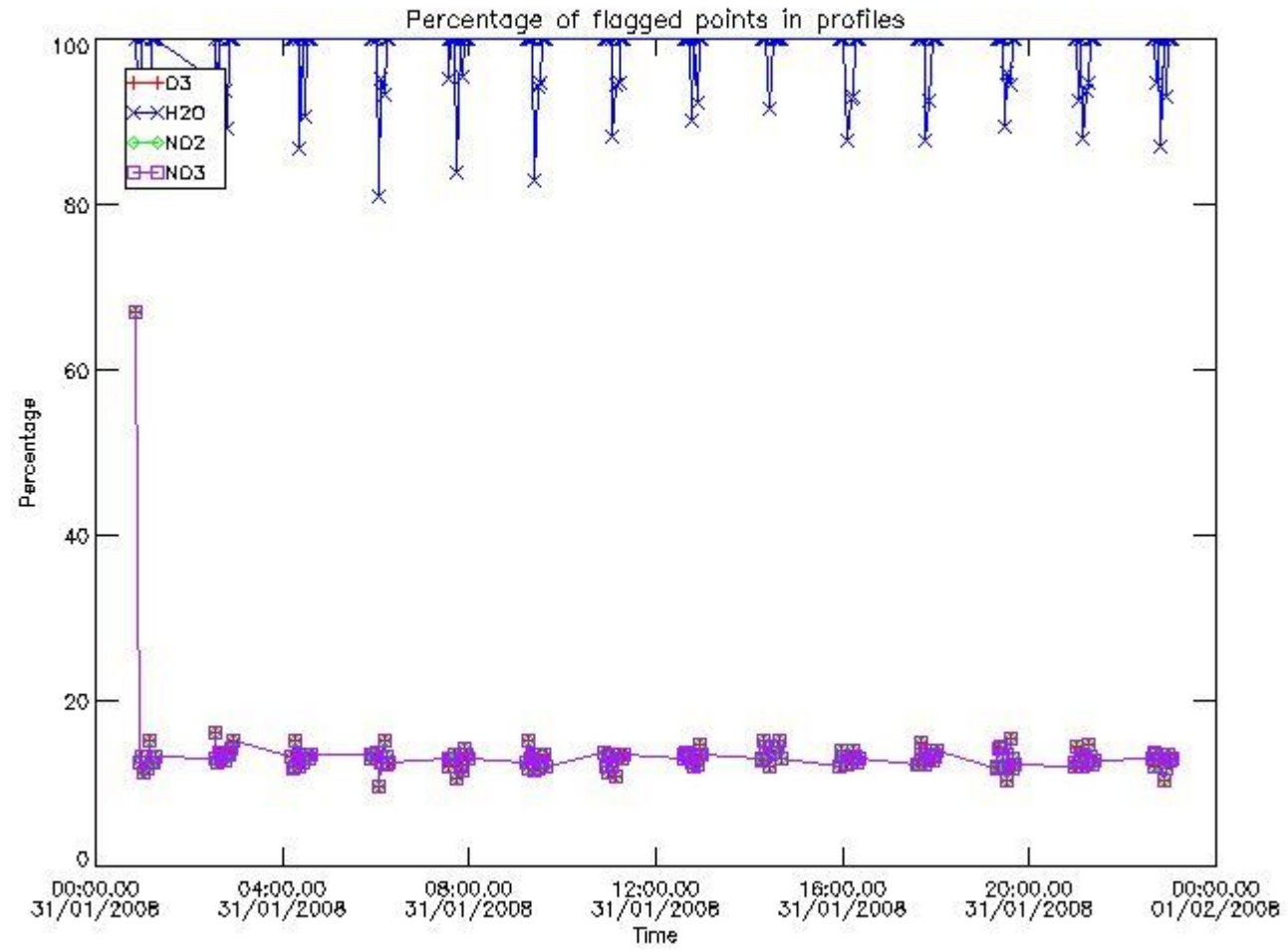
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20080131_000155_000000362065_00331_30946_2057.N1	31-JAN-2008 00:01:55	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30946	No
2	GOM_NL__2PRFIN20080131_001414_000000362065_00331_30946_2058.N1	31-JAN-2008 00:14:14	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30946	No
3	GOM_NL__2PRFIN20080131_002513_000000372065_00331_30946_2059.N1	31-JAN-2008 00:25:13	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30946	No
4	GOM_NL__2PRFIN20080131_002848_000000342065_00331_30946_2060.N1	31-JAN-2008 00:28:48	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30946	No
5	GOM_NL__2PRFIN20080131_003657_000000542065_00331_30946_2061.N1	31-JAN-2008 00:36:57	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	30946	No
6	GOM_NL__2PRFIN20080131_003905_000000532065_00331_30946_2062.N1	31-JAN-2008 00:39:05	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	30946	No
7	GOM_NL__2PRFIN20080131_004530_000000432065_00331_30946_2063.N1	31-JAN-2008 00:45:30	Twilight	43.000	86	35Eta Oph	2.4300	10200.	86	30946	No
8	GOM_NL__2PRFIN20080131_005036_000000422065_00331_30946_2064.N1	31-JAN-2008 00:50:36	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	30946	No
9	GOM_NL__2PRFIN20080131_005533_000000412065_00331_30946_2065.N1	31-JAN-2008 00:55:33	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	30946	No
10	GOM_NL__2PRFIN20080131_005906_000000392065_00332_30947_2058.N1	31-JAN-2008 00:59:06	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	30947	No
11	GOM_NL__2PRFIN20080131_010045_000000452065_00332_30947_2059.N1	31-JAN-2008 01:00:45	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	30947	No
12	GOM_NL__2PRFIN20080131_010521_000000442065_00332_30947_2060.N1	31-JAN-2008 01:05:21	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	30947	No
13	GOM_NL__2PRFIN20080131_010859_000000372065_00332_30947_2061.N1	31-JAN-2008 01:08:59	Dark	37.000	29	Bet Car	1.6720	10200.	74	30947	No
14	GOM_NL__2PRFIN20080131_011119_000000412065_00332_30947_2062.N1	31-JAN-2008 01:11:19	Dark	41.000	71	lot Car	2.2460	7700.0	82	30947	No
15	GOM_NL__2PRFIN20080131_011304_000000412065_00332_30947_2063.N1	31-JAN-2008 01:13:04	Dark	40.500	46	Del Vel	1.9540	10600.	81	30947	No
16	GOM_NL__2PRFIN20080131_011537_000000392065_00332_30947_2064.N1	31-JAN-2008 01:15:37	Dark	38.500	34	Gam2Vel	1.7930	23000.	77	30947	No
17	GOM_NL__2PRFIN20080131_011742_000000392065_00332_30947_2065.N1	31-JAN-2008 01:17:42	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	30947	No
18	GOM_NL__2PRFIN20080131_011906_000000422065_00332_30947_2066.N1	31-JAN-2008 01:19:06	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30947	No
19	GOM_NL__2PRFIN20080131_012132_000000412065_00332_30947_2067.N1	31-JAN-2008 01:21:32	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30947	No
20	GOM_NL__2PRFIN20080131_012255_000000382065_00332_30947_2068.N1	31-JAN-2008 01:22:55	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30947	No
21	GOM_NL__2PRFIN20080131_012504_000000472065_00332_30947_2069.N1	31-JAN-2008 01:25:04	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	30947	No
22	GOM_NL__2PRFIN20080131_013055_000000512065_00332_30947_2070.N1	31-JAN-2008 01:30:55	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	30947	No
23	GOM_NL__2PRFIN20080131_013418_000000382065_00332_30947_2071.N1	31-JAN-2008 01:34:18	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30947	No
24	GOM_NL__2PRFIN20080131_013608_000000392065_00332_30947_2072.N1	31-JAN-2008 01:36:08	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	30947	No
25	GOM_NL__2PRFIN20080131_013841_000000392065_00332_30947_2073.N1	31-JAN-2008 01:38:41	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	30947	No
26	GOM_NL__2PRFIN20080131_014025_000000352065_00332_30947_2074.N1	31-JAN-2008 01:40:25	Bright	35.000	107	37The Aur	2.6490	11000.	70	30947	No
27	GOM_NL__2PRFIN20080131_014231_000000372065_00332_30947_2075.N1	31-JAN-2008 01:42:31	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	30947	No
28	GOM_NL__2PRFIN20080131_015450_000000322065_00332_30947_2076.N1	31-JAN-2008 01:54:50	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	30947	No
29	GOM_NL__2PRFIN20080131_020549_000000372065_00332_30947_2077.N1	31-JAN-2008 02:05:49	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	30947	No
30	GOM_NL__2PRFIN20080131_020924_000000362065_00332_30947_2078.N1	31-JAN-2008 02:09:24	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	30947	No
31	GOM_NL__2PRFIN20080131_021734_000000542065_00332_30947_2079.N1	31-JAN-2008 02:17:34	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	30947	No
32	GOM_NL__2PRFIN20080131_021941_000000512065_00332_30947_2080.N1	31-JAN-2008 02:19:41	Bright	51.000	126	60Bet Oph	2.7700	4250.0	102	30947	No
33	GOM_NL__2PRFIN20080131_022606_000000442065_00332_30947_2081.N1	31-JAN-2008 02:26:06	Twilight	43.500	86	35Eta Oph	2.4300	10200.	87	30947	No
34	GOM_NL__2PRFIN20080131_023242_000000402065_00332_30947_2082.N1	31-JAN-2008 02:32:42	Dark	39.500	40	The Sco	1.8590	7100.0	79	30947	No
35	GOM_NL__2PRFIN20080131_023435_000000382065_00332_30947_2083.N1	31-JAN-2008 02:34:35	Dark	38.000	147	Alp Ara	2.8770	26000.	76	30947	No
36	GOM_NL__2PRFIN20080131_023609_000000452065_00332_30947_2084.N1	31-JAN-2008 02:36:09	Dark	44.500	141	Bet Ara	2.8400	4600.0	89	30947	No
37	GOM_NL__2PRFIN20080131_023942_000000372065_00333_30948_2069.N1	31-JAN-2008 02:39:42	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	30948	No
38	GOM_NL__2PRFIN20080131_024122_000000422065_00333_30948_2070.N1	31-JAN-2008 02:41:22	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	30948	No
39	GOM_NL__2PRFIN20080131_024558_000000402065_00333_30948_2071.N1	31-JAN-2008 02:45:58	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	30948	No
40	GOM_NL__2PRFIN20080131_024935_000000372065_00333_30948_2072.N1	31-JAN-2008 02:49:35	Dark	37.000	29	Bet Car	1.6720	10200.	74	30948	No
41	GOM_NL__2PRFIN20080131_025155_000000382065_00333_30948_2073.N1	31-JAN-2008 02:51:55	Dark	38.000	71	lot Car	2.2460	7700.0	76	30948	No
42	GOM_NL__2PRFIN20080131_025341_000000402065_00333_30948_2074.N1	31-JAN-2008 02:53:41	Dark	39.500	46	Del Vel	1.9540	10600.	79	30948	No

43	GOM_NL__2PRFIN20080131_025613_000000372065_00333_30948_2075.N1	31-JAN-2008 02:56:13	Dark	37.000	34	Gam2Vel	1.7930	23000.	74	30948	No
44	GOM_NL__2PRFIN20080131_025818_000000382065_00333_30948_2076.N1	31-JAN-2008 02:58:18	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	30948	No
45	GOM_NL__2PRFIN20080131_025942_000000422065_00333_30948_2077.N1	31-JAN-2008 02:59:42	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	30948	No
46	GOM_NL__2PRFIN20080131_030209_000000402065_00333_30948_2078.N1	31-JAN-2008 03:02:09	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	30948	No
47	GOM_NL__2PRFIN20080131_030331_000000382065_00333_30948_2079.N1	31-JAN-2008 03:03:31	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30948	No
48	GOM_NL__2PRFIN20080131_030540_000000442065_00333_30948_2080.N1	31-JAN-2008 03:05:40	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	30948	No
49	GOM_NL__2PRFIN20080131_031131_000000492065_00333_30948_2081.N1	31-JAN-2008 03:11:31	Tw_i_and_stray	49.000	8	10Alp CMi	0.40000	6500.0	98	30948	No
50	GOM_NL__2PRFIN20080131_031455_000000382065_00333_30948_2082.N1	31-JAN-2008 03:14:55	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30948	No
51	GOM_NL__2PRFIN20080131_031644_000000382065_00333_30948_2083.N1	31-JAN-2008 03:16:44	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	30948	No
52	GOM_NL__2PRFIN20080131_031917_000000402065_00333_30948_2084.N1	31-JAN-2008 03:19:17	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	30948	No
53	GOM_NL__2PRFIN20080131_032101_000000362065_00333_30948_2085.N1	31-JAN-2008 03:21:01	Bright	36.000	107	37The Aur	2.6490	11000.	72	30948	No
54	GOM_NL__2PRFIN20080131_032307_000000362065_00333_30948_2086.N1	31-JAN-2008 03:23:07	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30948	No
55	GOM_NL__2PRFIN20080131_033525_000000322065_00333_30948_2087.N1	31-JAN-2008 03:35:25	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	30948	No
56	GOM_NL__2PRFIN20080131_034625_000000372065_00333_30948_2088.N1	31-JAN-2008 03:46:25	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	30948	No
57	GOM_NL__2PRFIN20080131_035000_000000332065_00333_30948_2089.N1	31-JAN-2008 03:50:00	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	30948	No
58	GOM_NL__2PRFIN20080131_035810_000000362065_00333_30948_2090.N1	31-JAN-2008 03:58:10	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	30948	No
59	GOM_NL__2PRFIN20080131_040017_000000362065_00333_30948_2091.N1	31-JAN-2008 04:00:17	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	30948	No
60	GOM_NL__2PRFIN20080131_040642_000000422065_00333_30948_2092.N1	31-JAN-2008 04:06:42	Tw_i_and_stray	42.000	86	35Eta Oph	2.4300	10200.	84	30948	No
61	GOM_NL__2PRFIN20080131_041149_000000392065_00333_30948_2093.N1	31-JAN-2008 04:11:49	Dark	38.500	25	35Lam Sco	1.6200	28000.	77	30948	No
62	GOM_NL__2PRFIN20080131_041318_000000432065_00333_30948_2094.N1	31-JAN-2008 04:13:18	Dark	43.000	40	The Sco	1.8590	7100.0	86	30948	No
63	GOM_NL__2PRFIN20080131_041511_000000372065_00333_30948_2095.N1	31-JAN-2008 04:15:11	Dark	37.000	147	Alp Ara	2.8770	26000.	74	30948	No
64	GOM_NL__2PRFIN20080131_041645_000000432065_00333_30948_2096.N1	31-JAN-2008 04:16:45	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	30948	No
65	GOM_NL__2PRFIN20080131_042018_000000382065_00334_30949_2087.N1	31-JAN-2008 04:20:18	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	30949	No
66	GOM_NL__2PRFIN20080131_042158_000000422065_00334_30949_2088.N1	31-JAN-2008 04:21:58	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	30949	No
67	GOM_NL__2PRFIN20080131_042634_000000412065_00334_30949_2089.N1	31-JAN-2008 04:26:34	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	30949	No
68	GOM_NL__2PRFIN20080131_043012_000000382065_00334_30949_2090.N1	31-JAN-2008 04:30:12	Dark	38.000	29	Bet Car	1.6720	10200.	76	30949	No
69	GOM_NL__2PRFIN20080131_043231_000000382065_00334_30949_2091.N1	31-JAN-2008 04:32:31	Dark	38.000	71	lot Car	2.2460	7700.0	76	30949	No
70	GOM_NL__2PRFIN20080131_043417_000000402065_00334_30949_2092.N1	31-JAN-2008 04:34:17	Dark	39.500	46	Del Vel	1.9540	10600.	79	30949	No
71	GOM_NL__2PRFIN20080131_043649_000000382065_00334_30949_2093.N1	31-JAN-2008 04:36:49	Dark	37.500	34	Gam2Vel	1.7930	23000.	75	30949	No
72	GOM_NL__2PRFIN20080131_043855_000000402065_00334_30949_2094.N1	31-JAN-2008 04:38:55	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	30949	No
73	GOM_NL__2PRFIN20080131_044018_000000402065_00334_30949_2095.N1	31-JAN-2008 04:40:18	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	30949	No
74	GOM_NL__2PRFIN20080131_044245_000000422065_00334_30949_2096.N1	31-JAN-2008 04:42:45	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	30949	No
75	GOM_NL__2PRFIN20080131_044407_000000372065_00334_30949_2097.N1	31-JAN-2008 04:44:07	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	30949	No
76	GOM_NL__2PRFIN20080131_044616_000000462065_00334_30949_2098.N1	31-JAN-2008 04:46:16	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	30949	No
77	GOM_NL__2PRFIN20080131_045207_000000462065_00334_30949_2099.N1	31-JAN-2008 04:52:07	Tw_i_and_stray	45.500	8	10Alp CMi	0.40000	6500.0	91	30949	No
78	GOM_NL__2PRFIN20080131_045531_000000382065_00334_30949_2100.N1	31-JAN-2008 04:55:31	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	30949	No
79	GOM_NL__2PRFIN20080131_045720_000000392065_00334_30949_2101.N1	31-JAN-2008 04:57:20	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	30949	No
80	GOM_NL__2PRFIN20080131_045952_000000392065_00334_30949_2102.N1	31-JAN-2008 04:59:52	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	30949	No
81	GOM_NL__2PRFIN20080131_050137_000000342065_00334_30949_2103.N1	31-JAN-2008 05:01:37	Bright	34.000	107	37The Aur	2.6490	11000.	68	30949	No
82	GOM_NL__2PRFIN20080131_050343_000000362065_00334_30949_2104.N1	31-JAN-2008 05:03:43	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30949	No
83	GOM_NL__2PRFIN20080131_051601_000000342065_00334_30949_2105.N1	31-JAN-2008 05:16:01	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	30949	No
84	GOM_NL__2PRFIN20080131_052701_000000372065_00334_30949_2106.N1	31-JAN-2008 05:27:01	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30949	No
85	GOM_NL__2PRFIN20080131_053036_000000372065_00334_30949_2107.N1	31-JAN-2008 05:30:36	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	30949	No
86	GOM_NL__2PRFIN20080131_053846_000000522065_00334_30949_2108.N1	31-JAN-2008 05:38:46	Bright	51.500	59	55Alp Oph	2.0800	8900.0	103	30949	No
87	GOM_NL__2PRFIN20080131_054054_000000432065_00334_30949_2109.N1	31-JAN-2008 05:40:54	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	30949	No
88	GOM_NL__2PRFIN20080131_054719_000000442065_00334_30949_2110.N1	31-JAN-2008 05:47:19	Tw_i_and_stray	44.000	86	35Eta Oph	2.4300	10200.	88	30949	No
89	GOM_NL__2PRFIN20080131_055225_000000382065_00334_30949_2111.N1	31-JAN-2008 05:52:25	Dark	38.000	25	35Lam Sco	1.6200	28000.	76	30949	No
90	GOM_NL__2PRFIN20080131_055354_000000402065_00334_30949_2112.N1	31-JAN-2008 05:53:54	Dark	39.500	40	The Sco	1.8590	7100.0	79	30949	No
91	GOM_NL__2PRFIN20080131_055548_000000382065_00334_30949_2113.N1	31-JAN-2008 05:55:48	Dark	38.000	147	Alp Ara	2.8770	26000.	76	30949	No
92	GOM_NL__2PRFIN20080131_055722_000000382065_00334_30949_2114.N1	31-JAN-2008 05:57:22	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	30949	No
93	GOM_NL__2PRFIN20080131_060055_000000372065_00335_30950_2101.N1	31-JAN-2008 06:00:55	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	30950	No
94	GOM_NL__2PRFIN20080131_060235_000000532065_00335_30950_2102.N1	31-JAN-2008 06:02:35	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	30950	No
95	GOM_NL__2PRFIN20080131_060711_000000412065_00335_30950_2103.N1	31-JAN-2008 06:07:11	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	30950	No
96	GOM_NL__2PRFIN20080131_061048_000000372065_00335_30950_2104.N1	31-JAN-2008 06:10:48	Dark	37.000	29	Bet Car	1.6720	10200.	74	30950	No
97	GOM_NL__2PRFIN20080131_061308_000000422065_00335_30950_2105.N1	31-JAN-2008 06:13:08	Dark	41.500	71	lot Car	2.2460	7700.0	83	30950	No
98	GOM_NL__2PRFIN20080131_061453_000000422065_00335_30950_2106.N1	31-JAN-2008 06:14:53	Dark	42.000	46	Del Vel	1.9540	10600.	84	30950	No
99	GOM_NL__2PRFIN20080131_061726_000000412065_00335_30950_2107.N1	31-JAN-2008 06:17:26	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	30950	No
100	GOM_NL__2PRFIN20080131_061931_000000382065_00335_30950_2108.N1	31-JAN-2008 06:19:31	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	30950	No
101	GOM_NL__2PRFIN20080131_062055_000000412065_00335_30950_2109.N1	31-JAN-2008 06:20:55	Straylight	40.500	117	Pi Pup	2.7060	3800.0	81	30950	No

3. Quality information per product

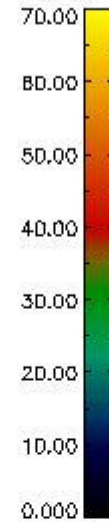
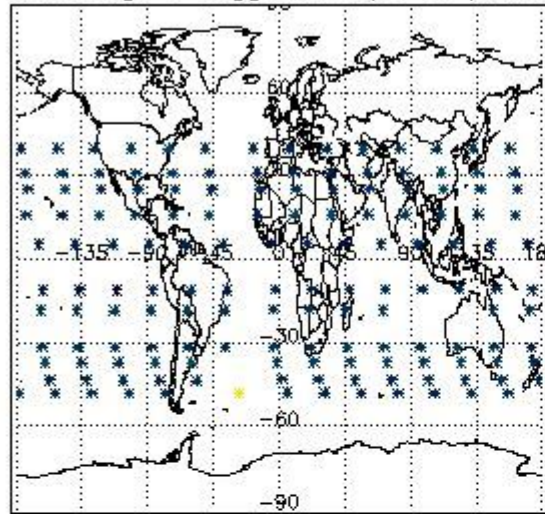
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

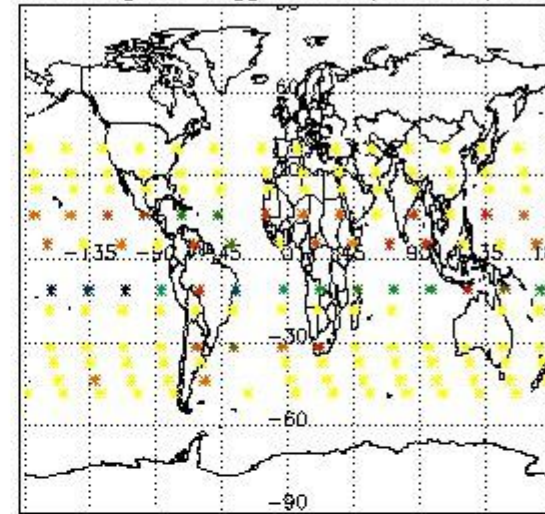


3.2 Plot quality information per product (world map)

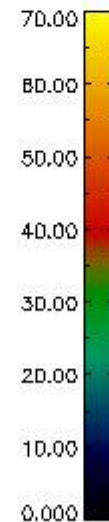
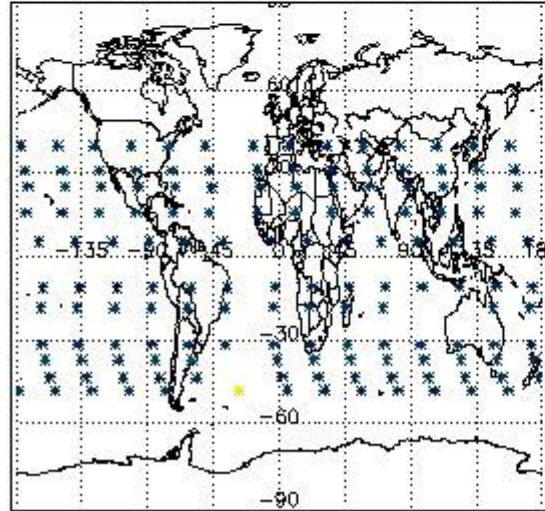
Percentage of flagged data per O3 profile



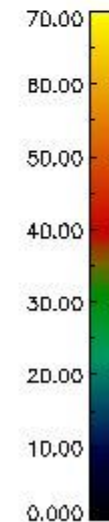
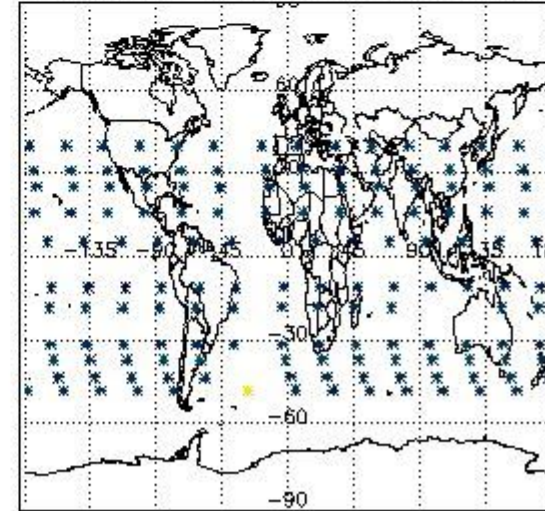
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

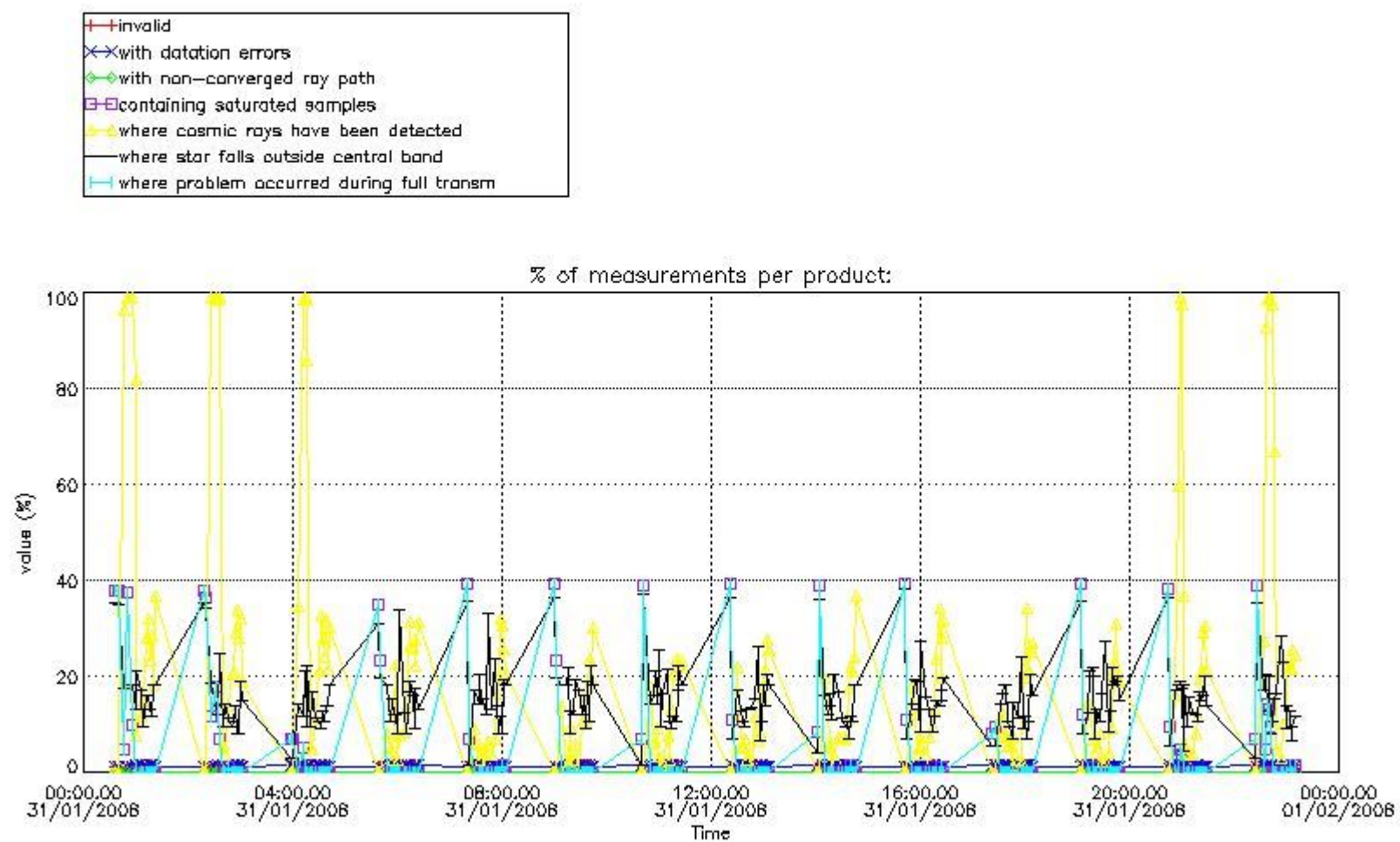


4. Level 1 quality information per product

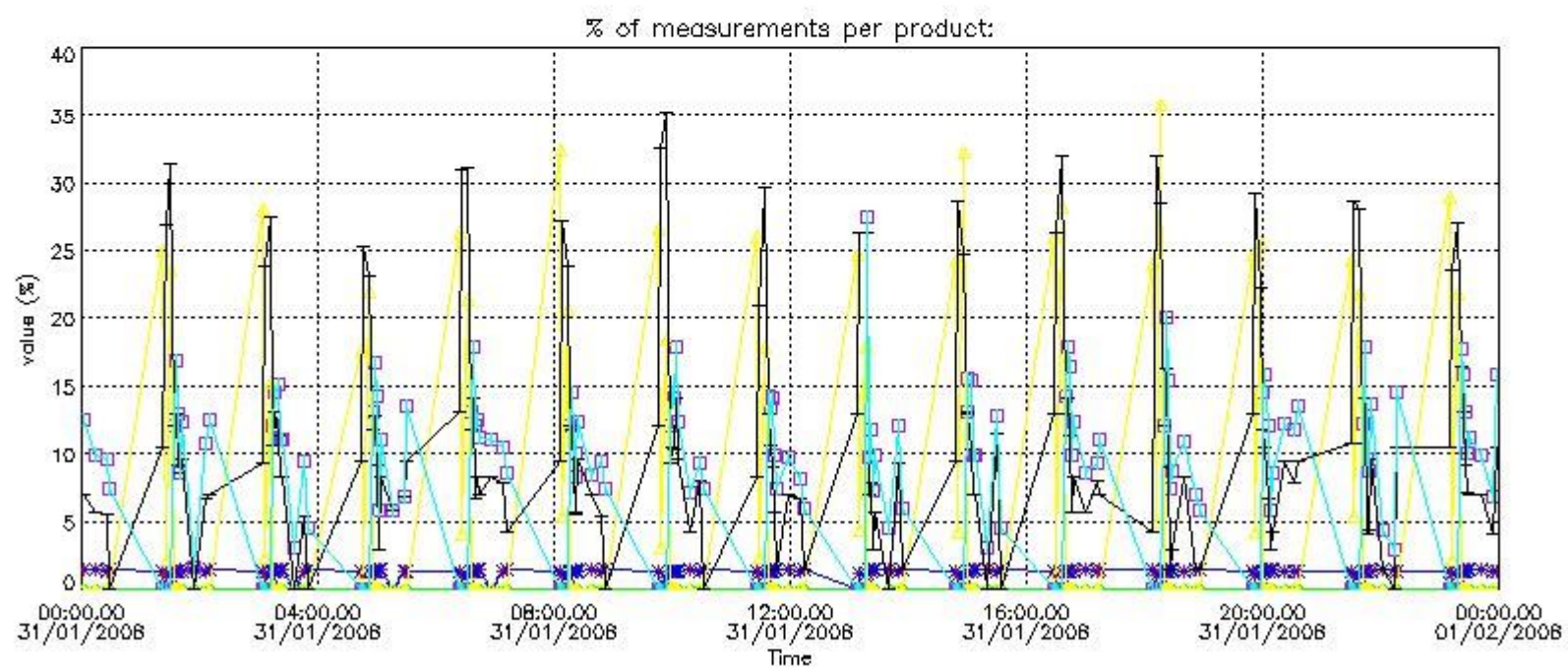
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

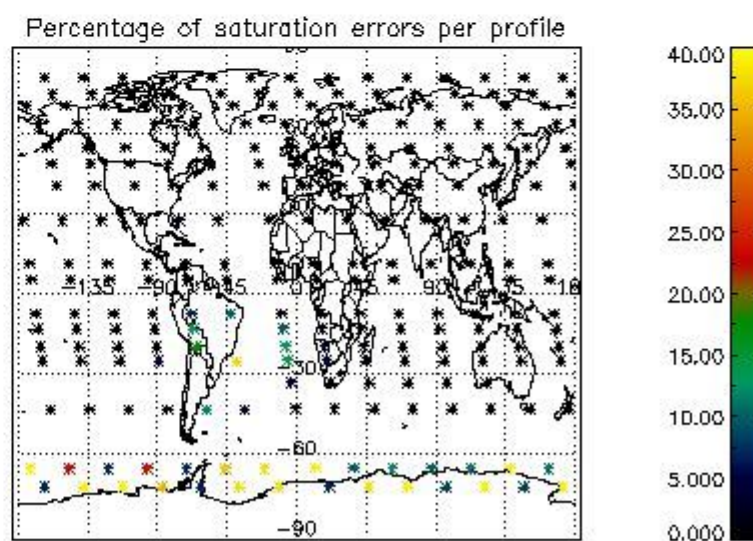
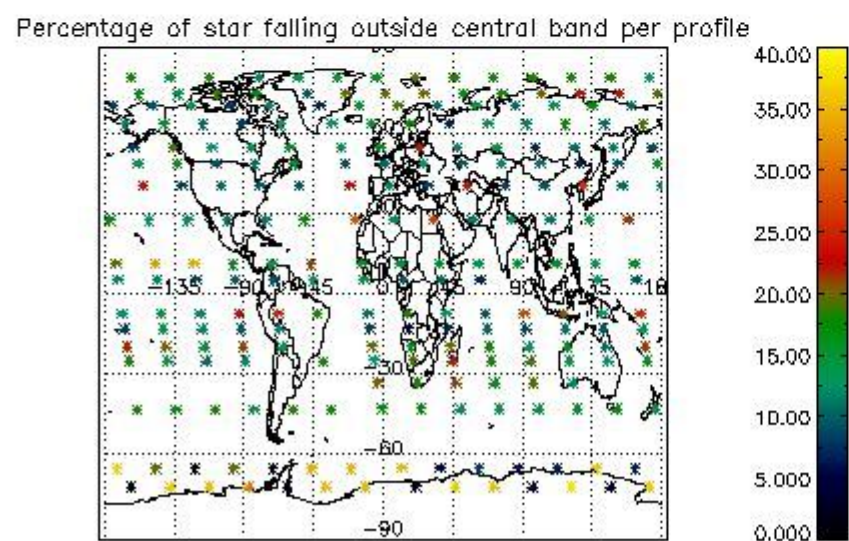
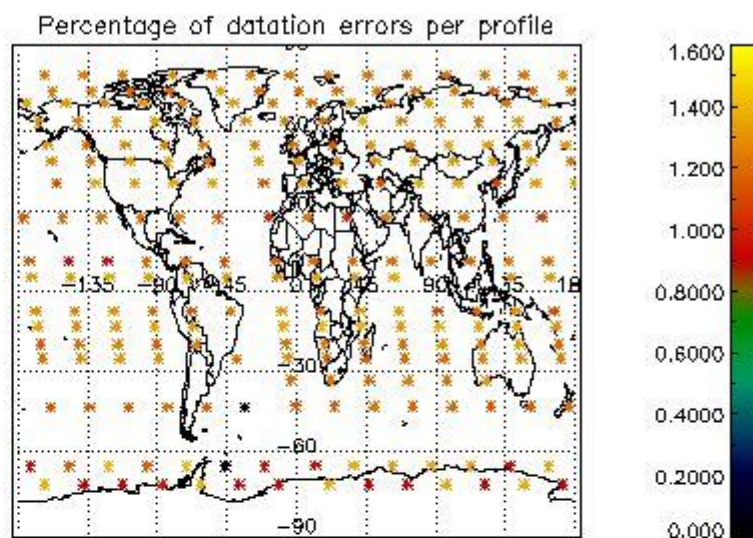
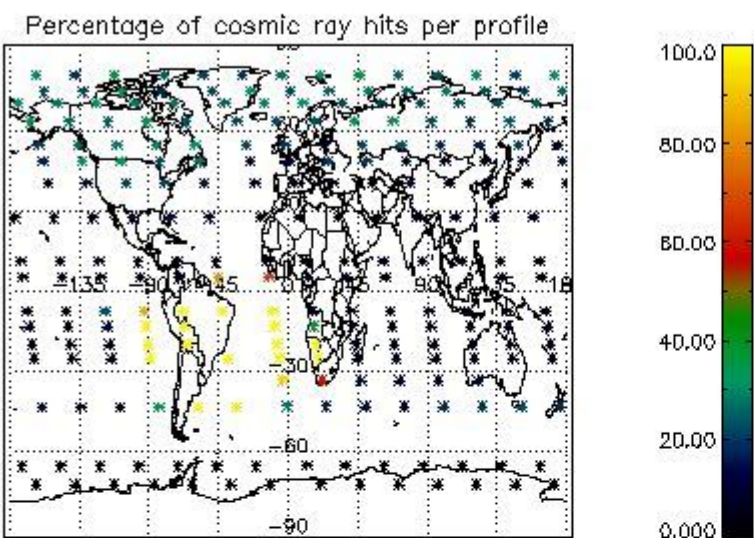


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

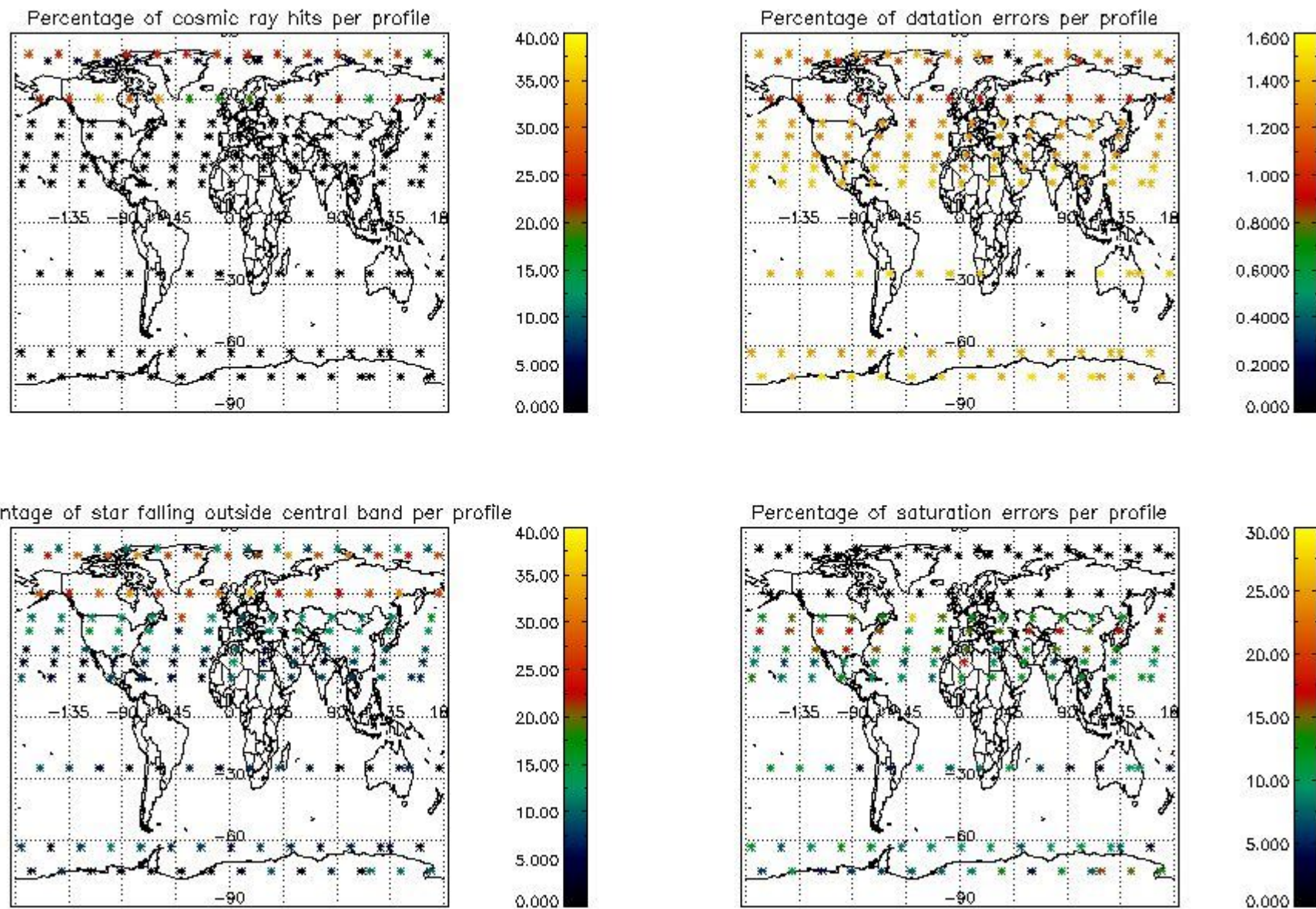


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

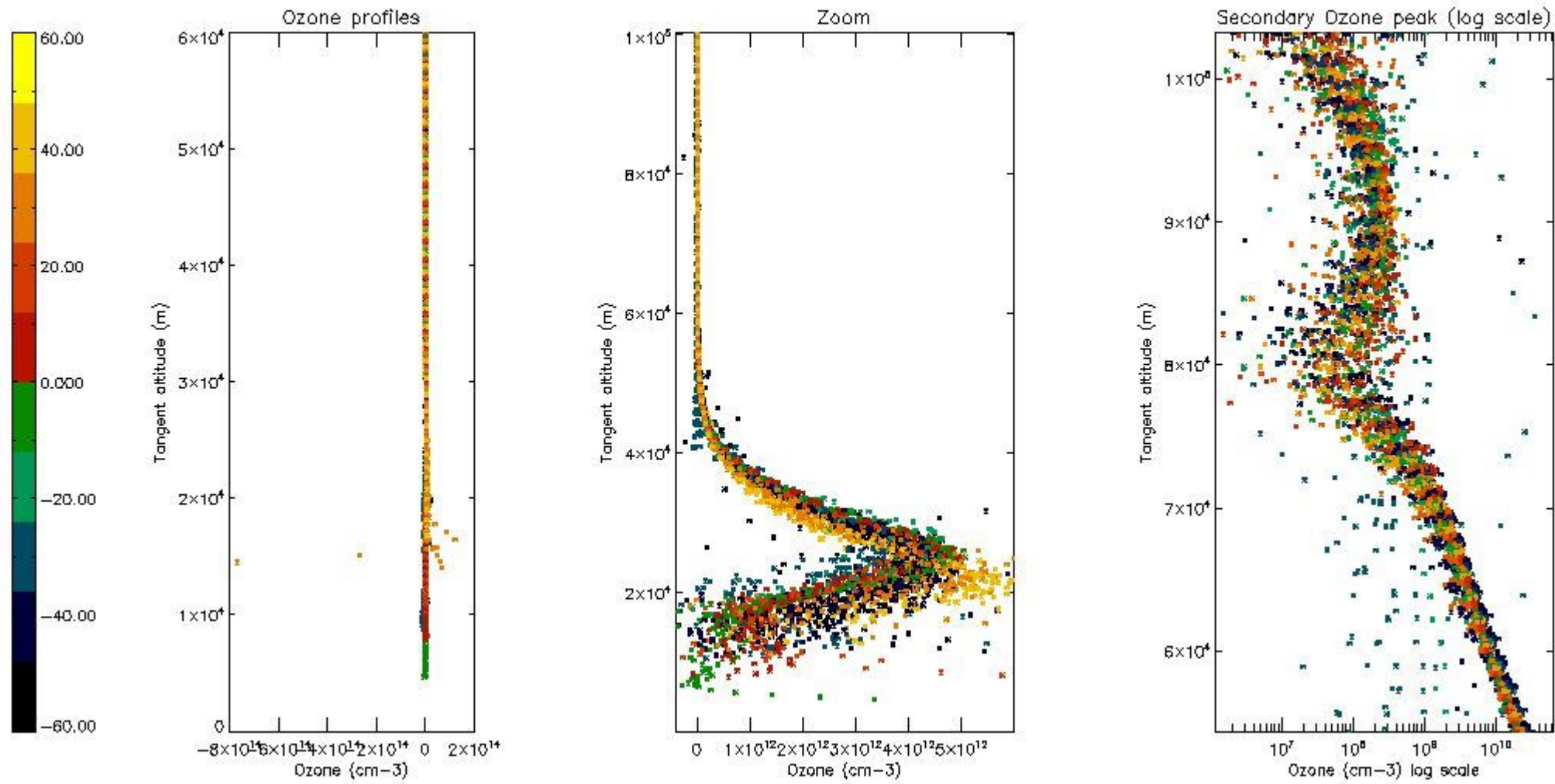
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	21

STD < 10	17
STD < 5	11

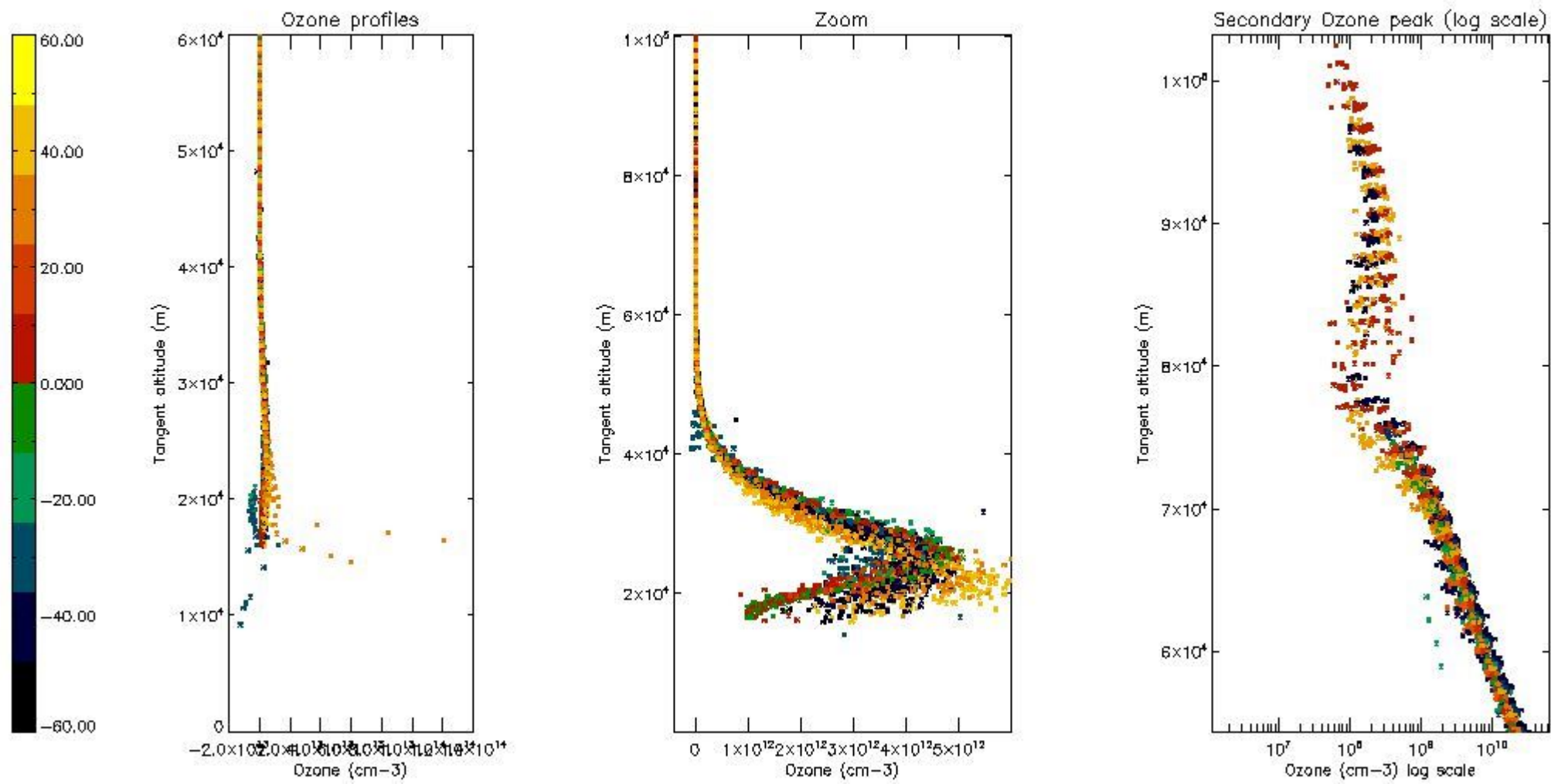
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



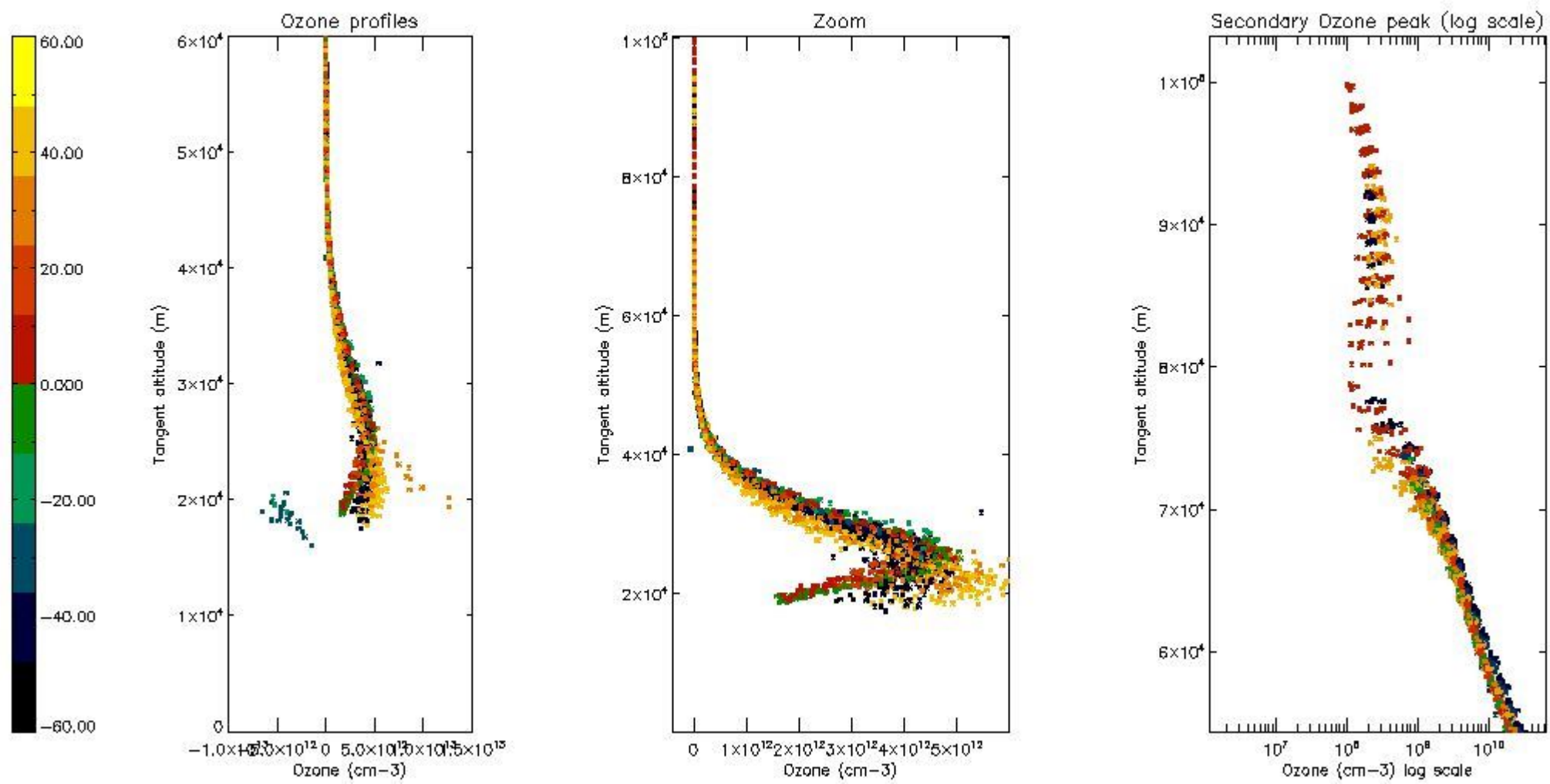
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



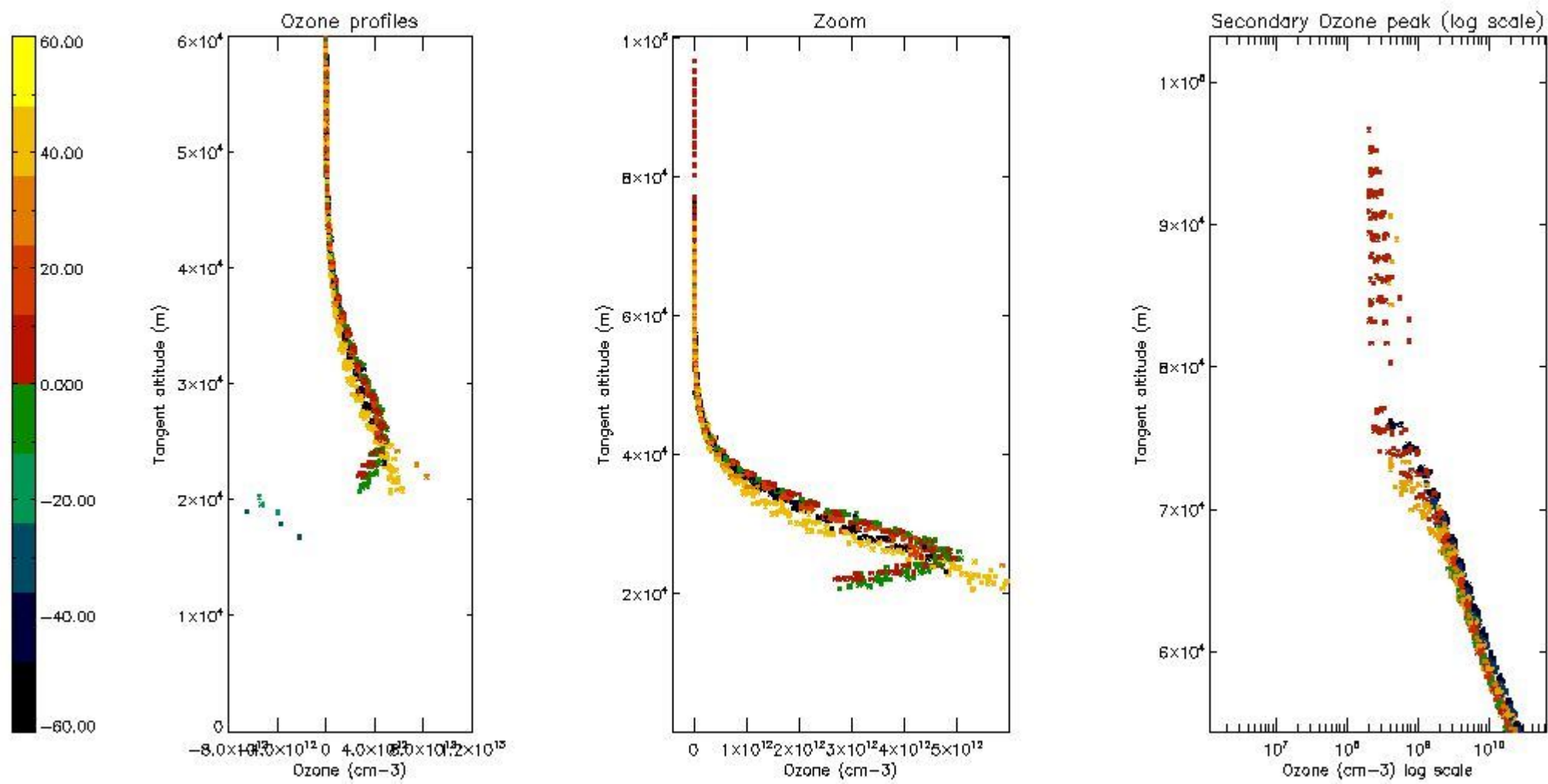
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



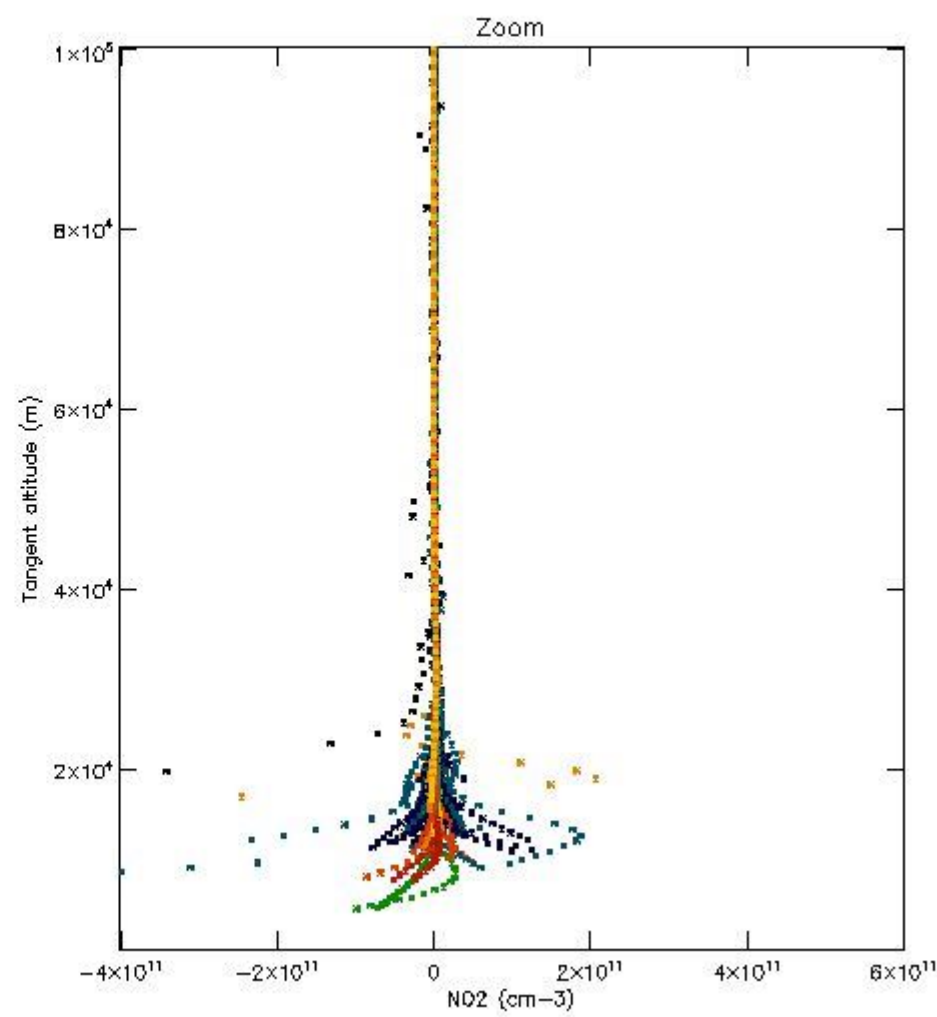
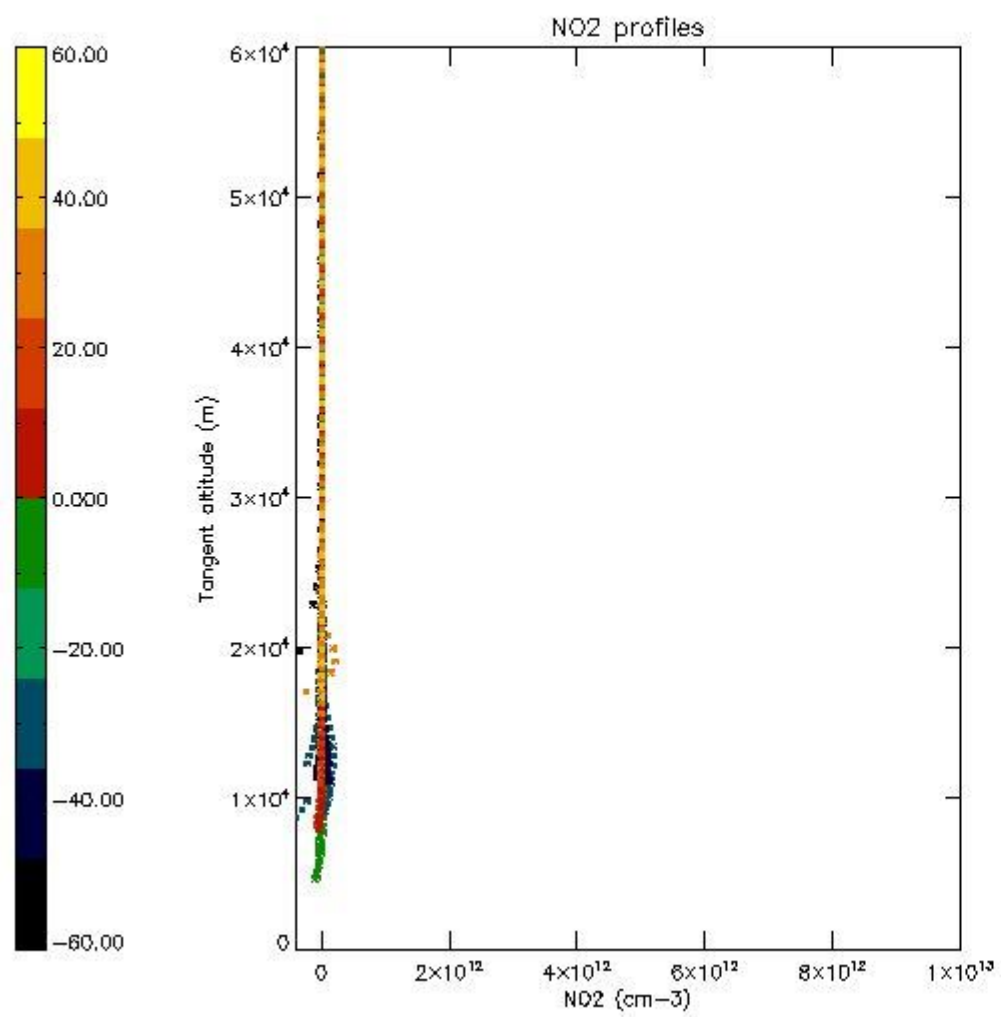
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



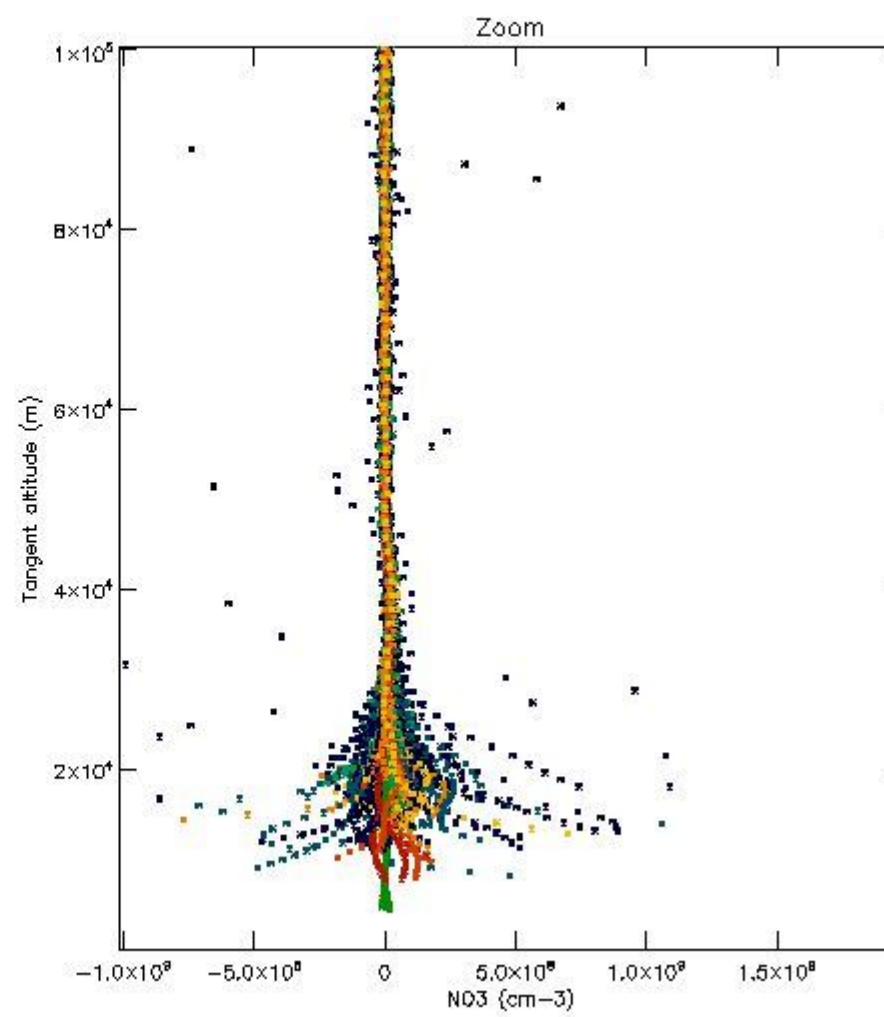
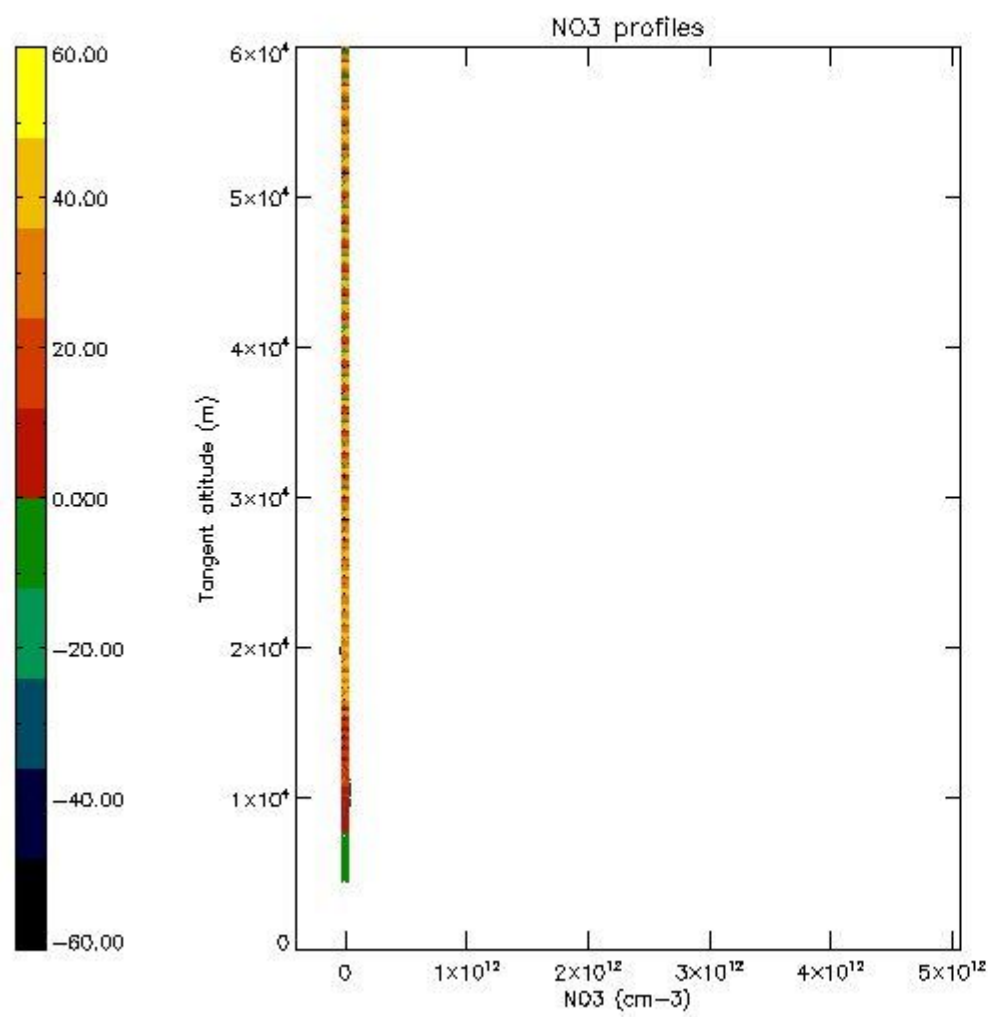
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



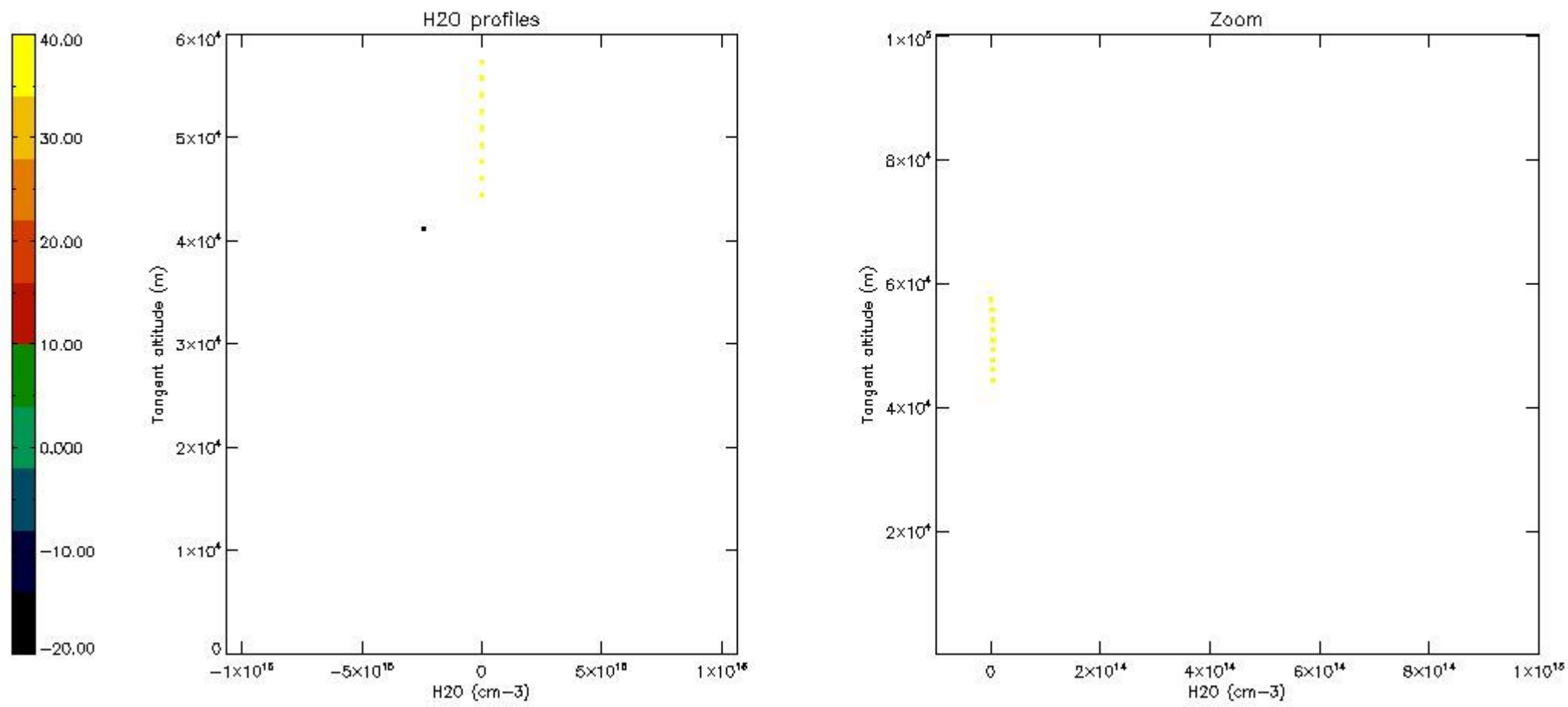
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

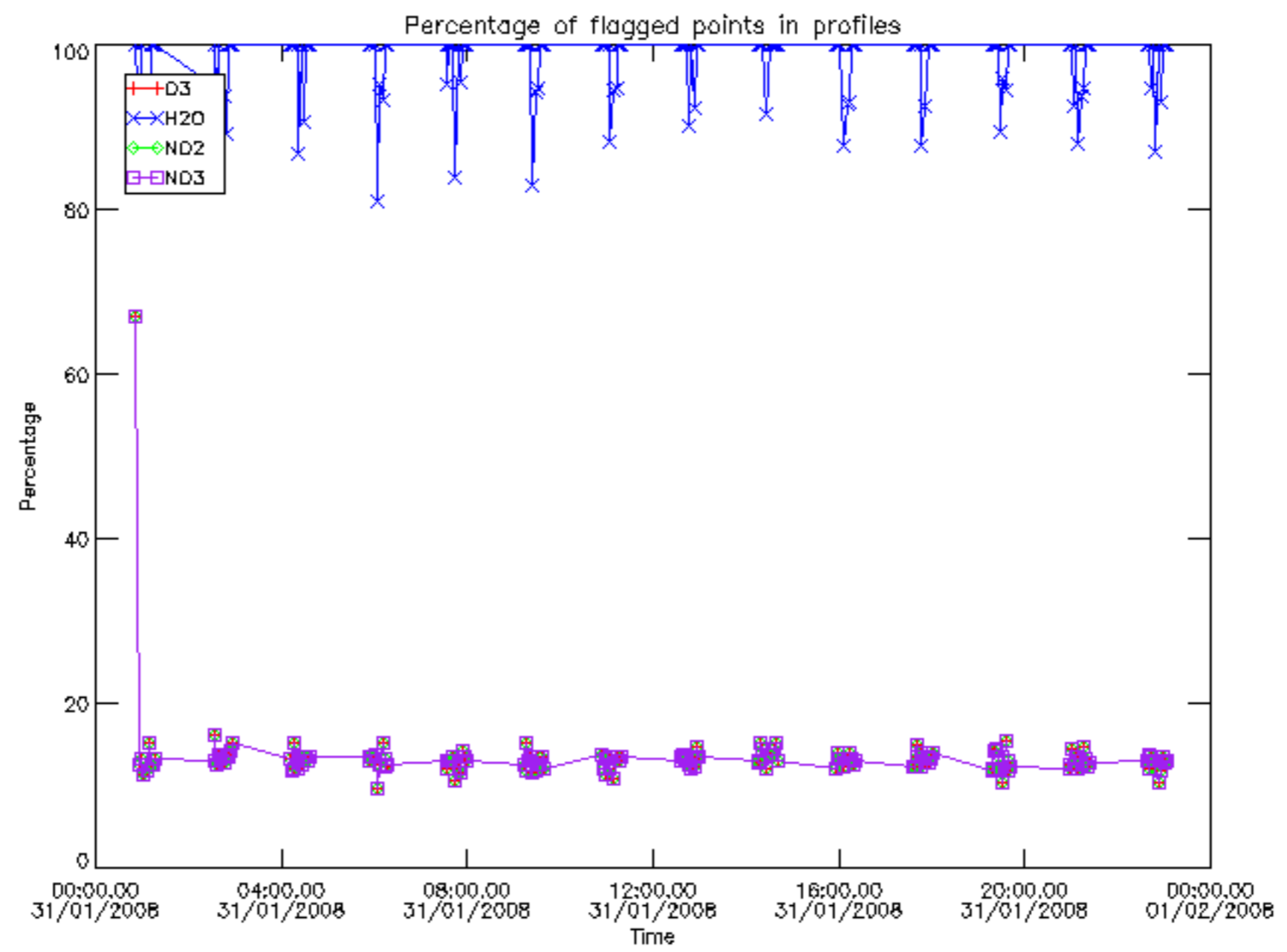
The colorbar represents the latitude.



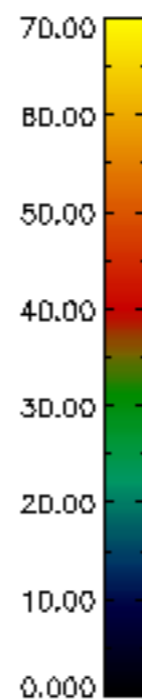
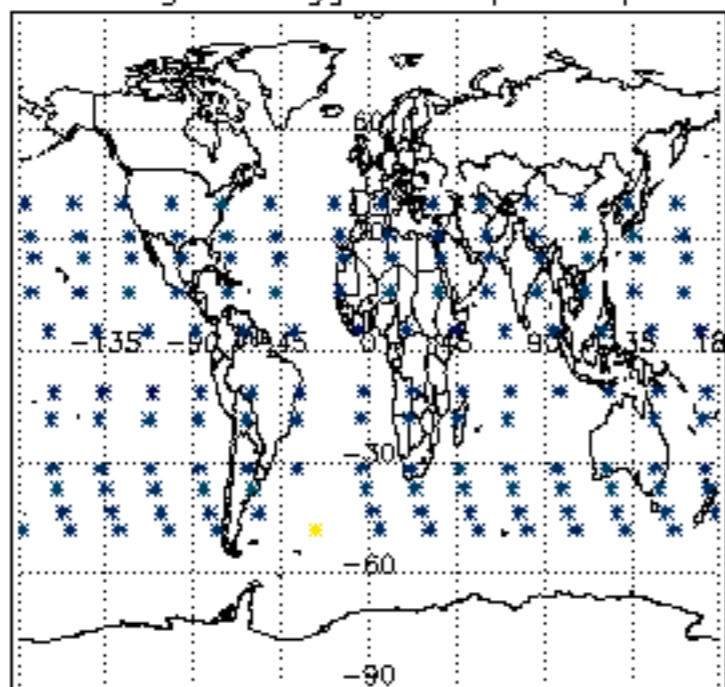
6. Auxiliary Data Files used for the production reported in section 2

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.

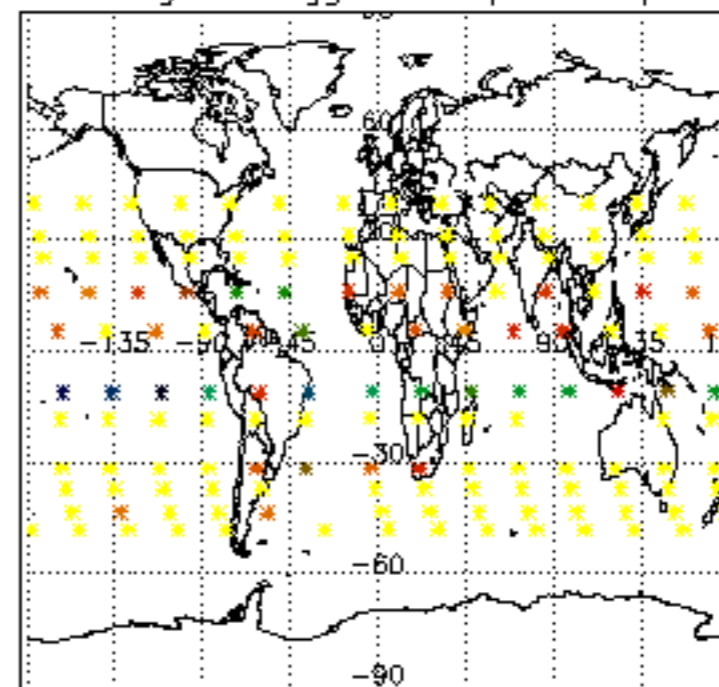
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	31-JAN-2008 00:01:55
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	31-JAN-2008 00:01:55
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	31-JAN-2008 00:01:55



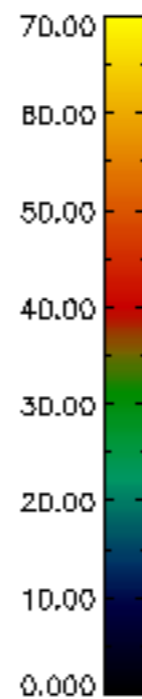
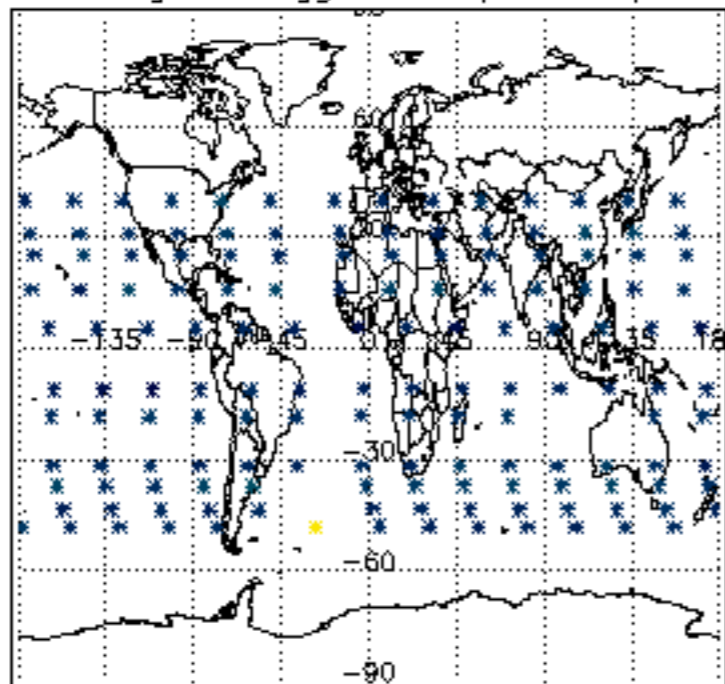
Percentage of flagged data per D3 profile



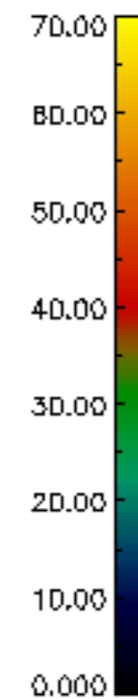
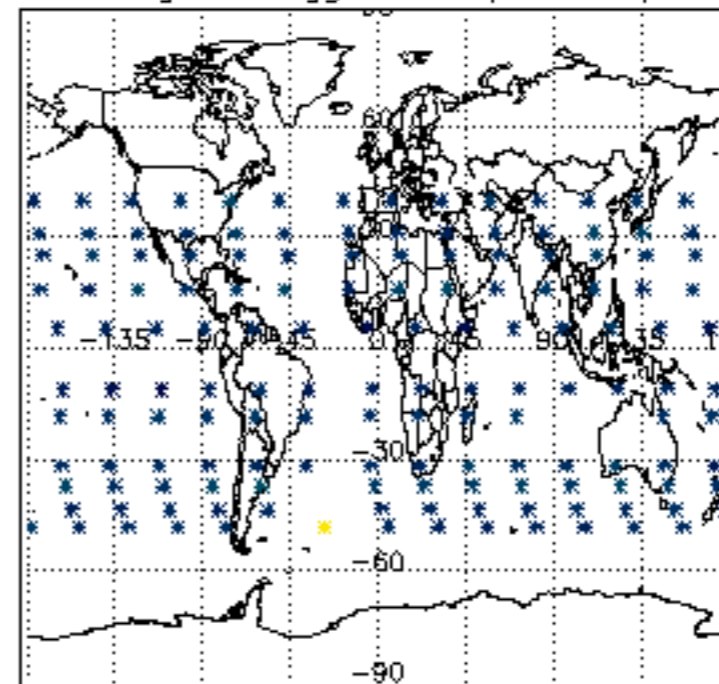
Percentage of flagged data per H2O profile

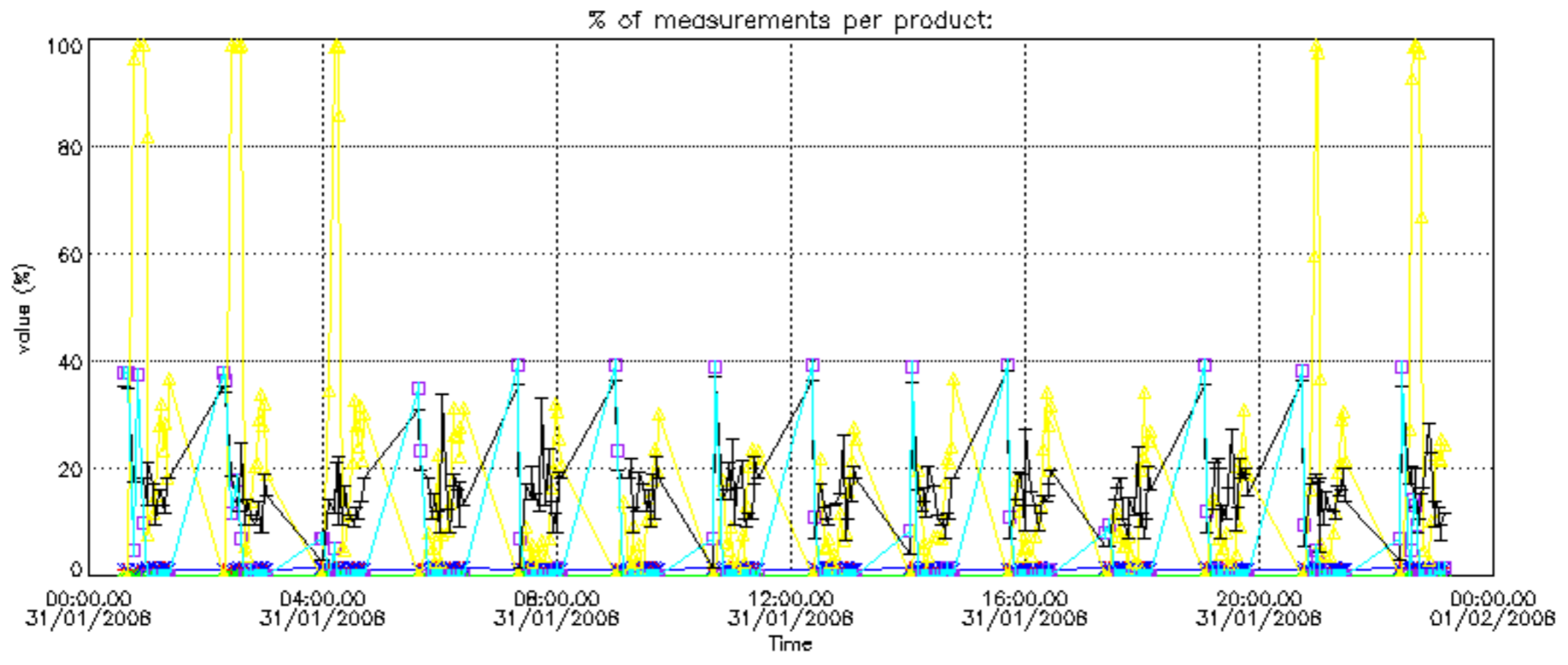


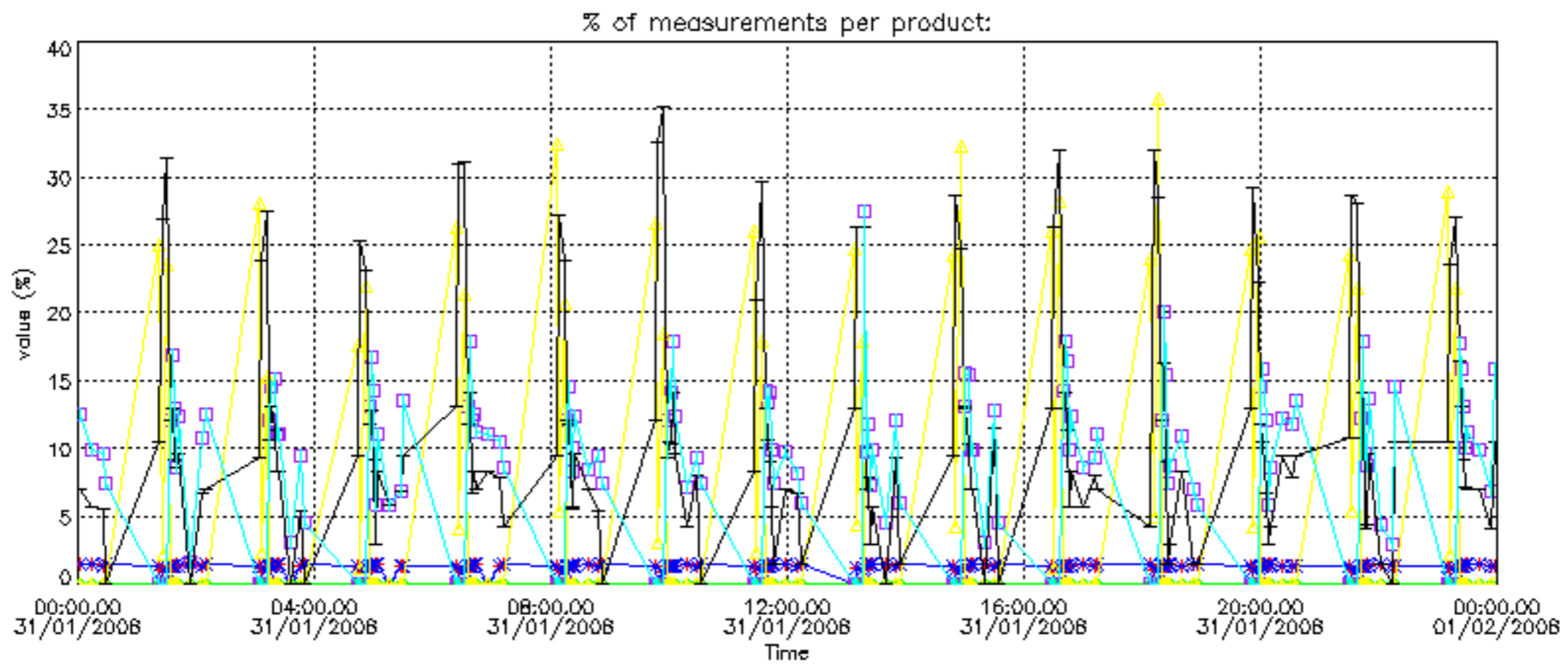
Percentage of flagged data per NO2 profile



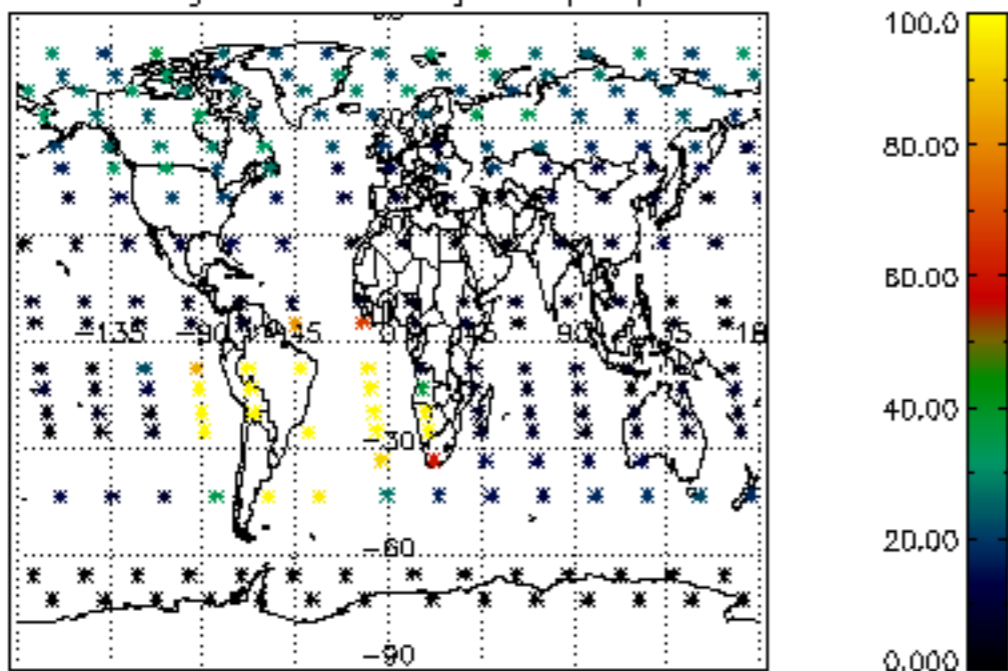
Percentage of flagged data per NO3 profile



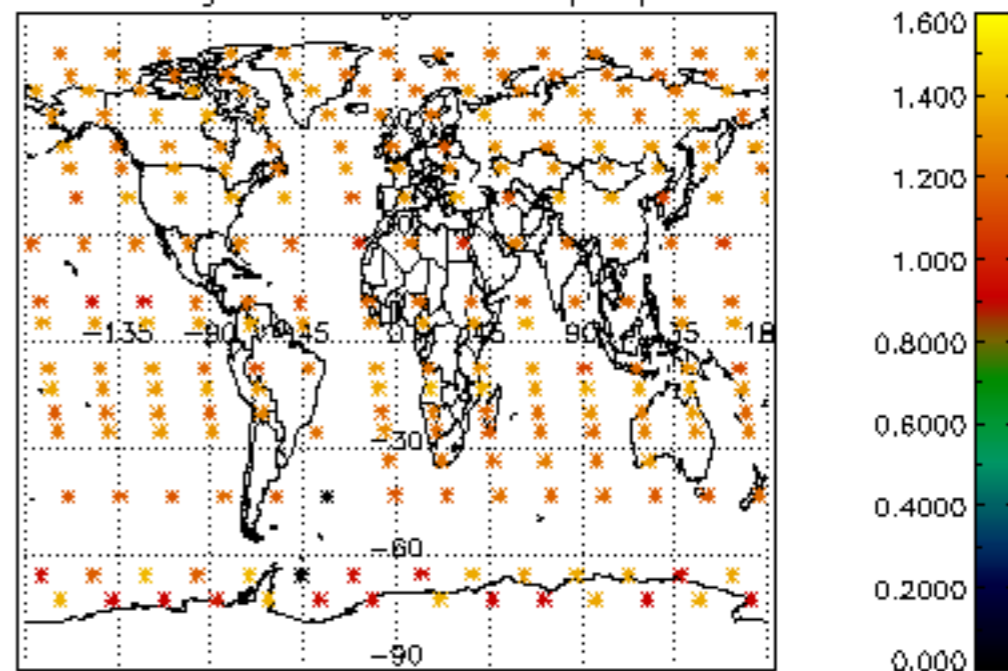




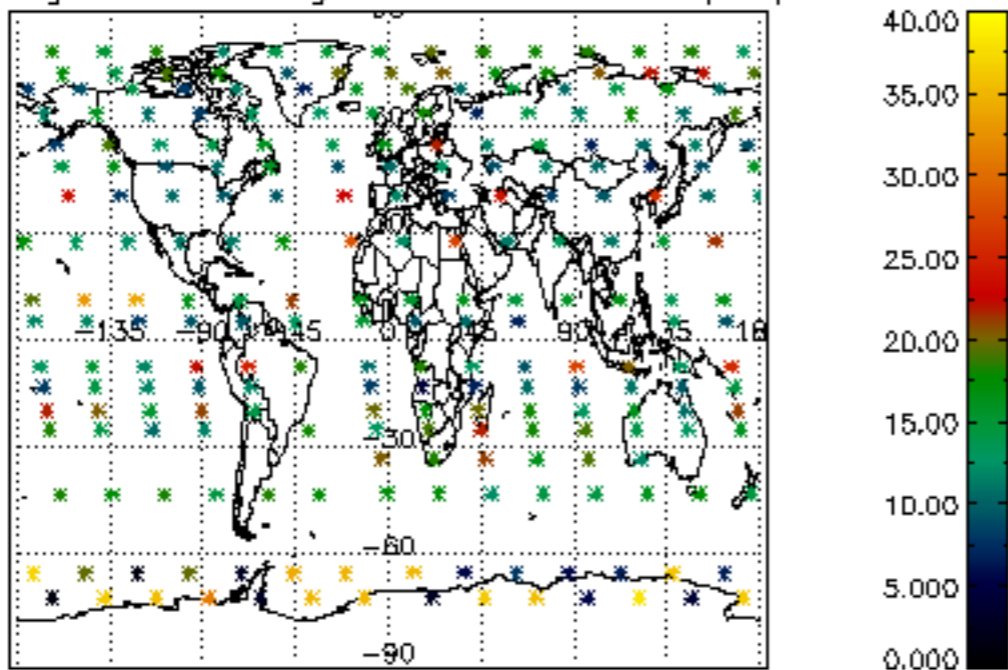
Percentage of cosmic ray hits per profile



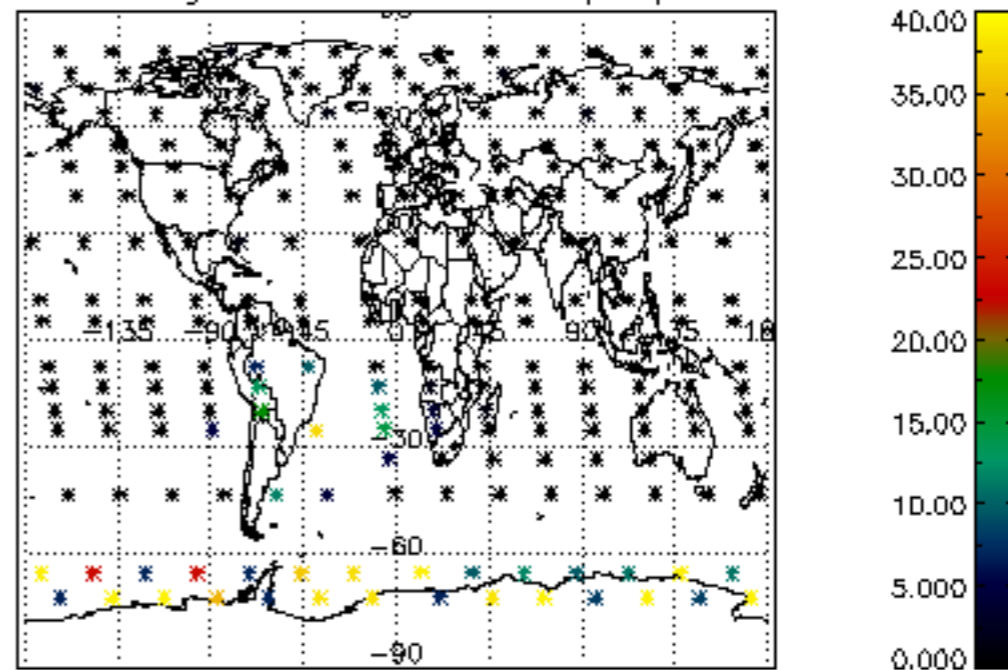
Percentage of datation errors per profile



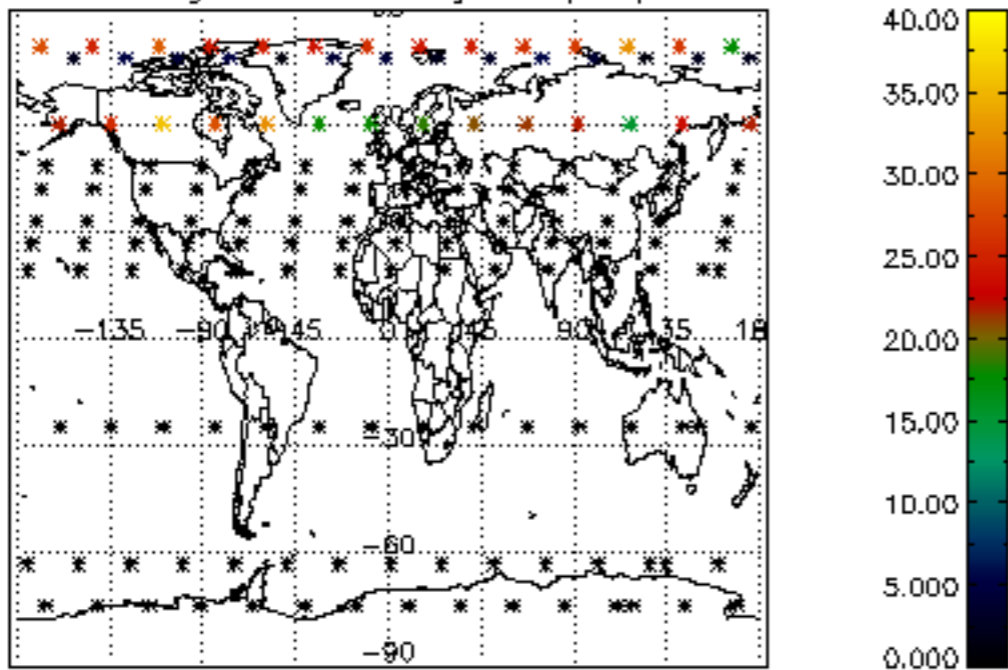
Percentage of star falling outside central band per profile



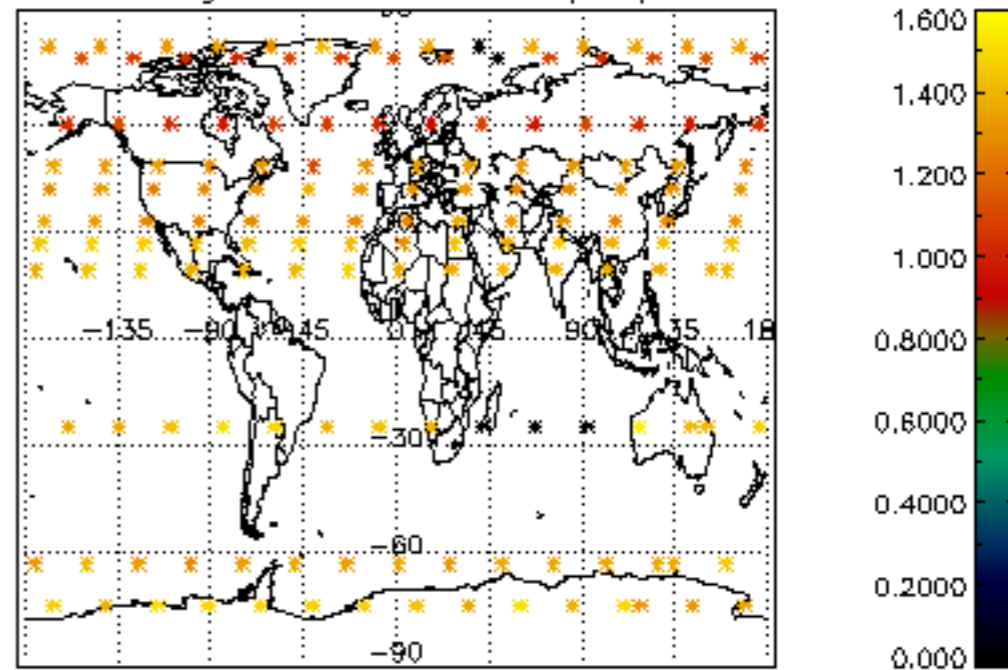
Percentage of saturation errors per profile



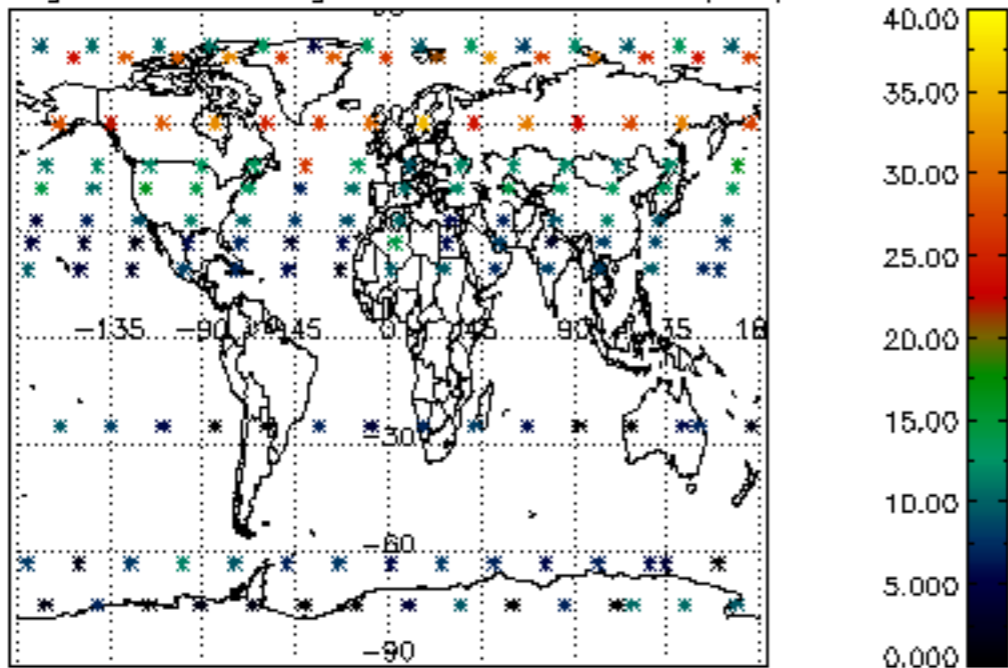
Percentage of cosmic ray hits per profile



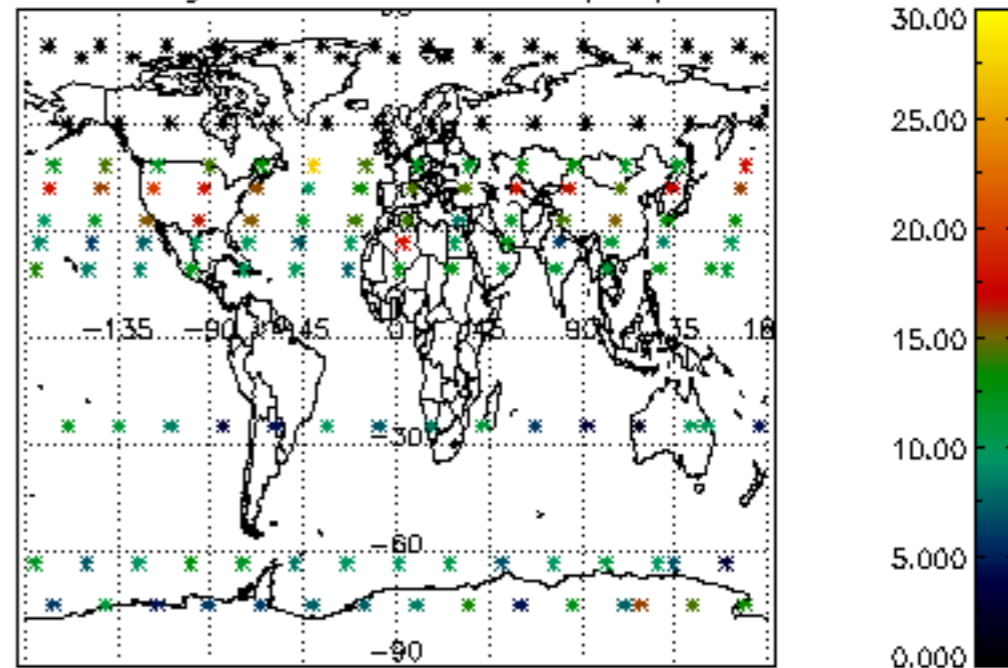
Percentage of datation errors per profile

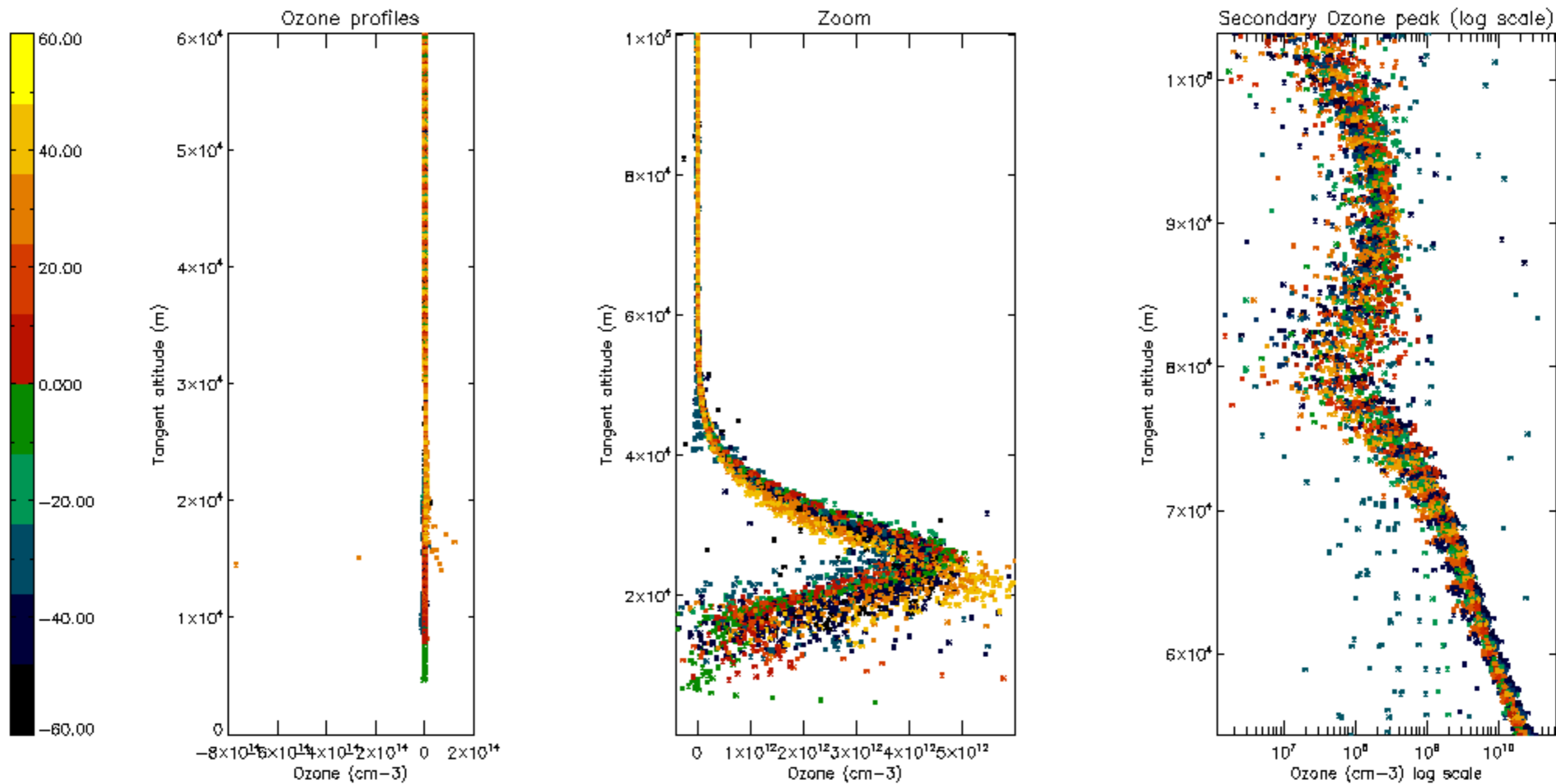


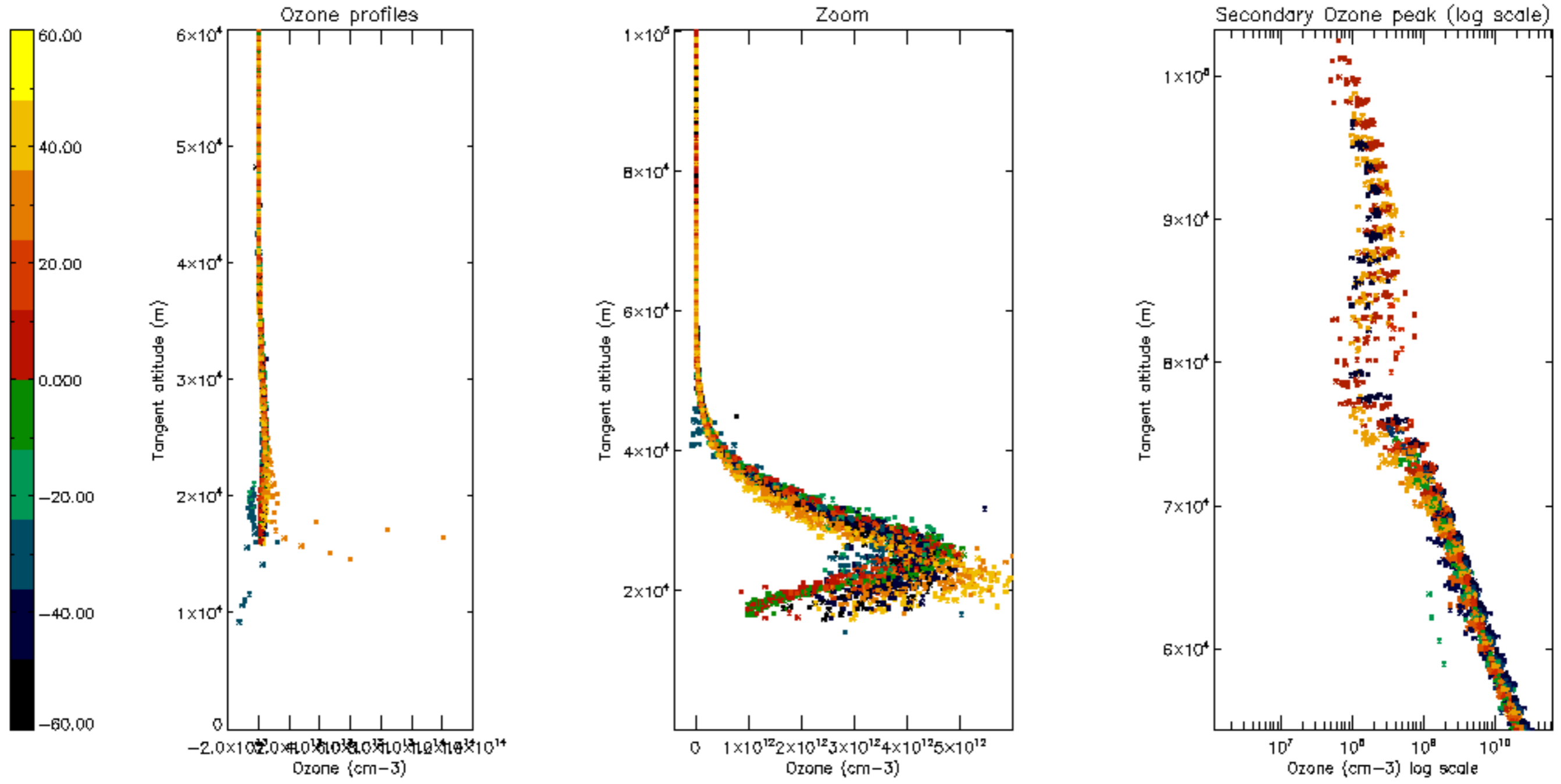
Percentage of star falling outside central band per profile

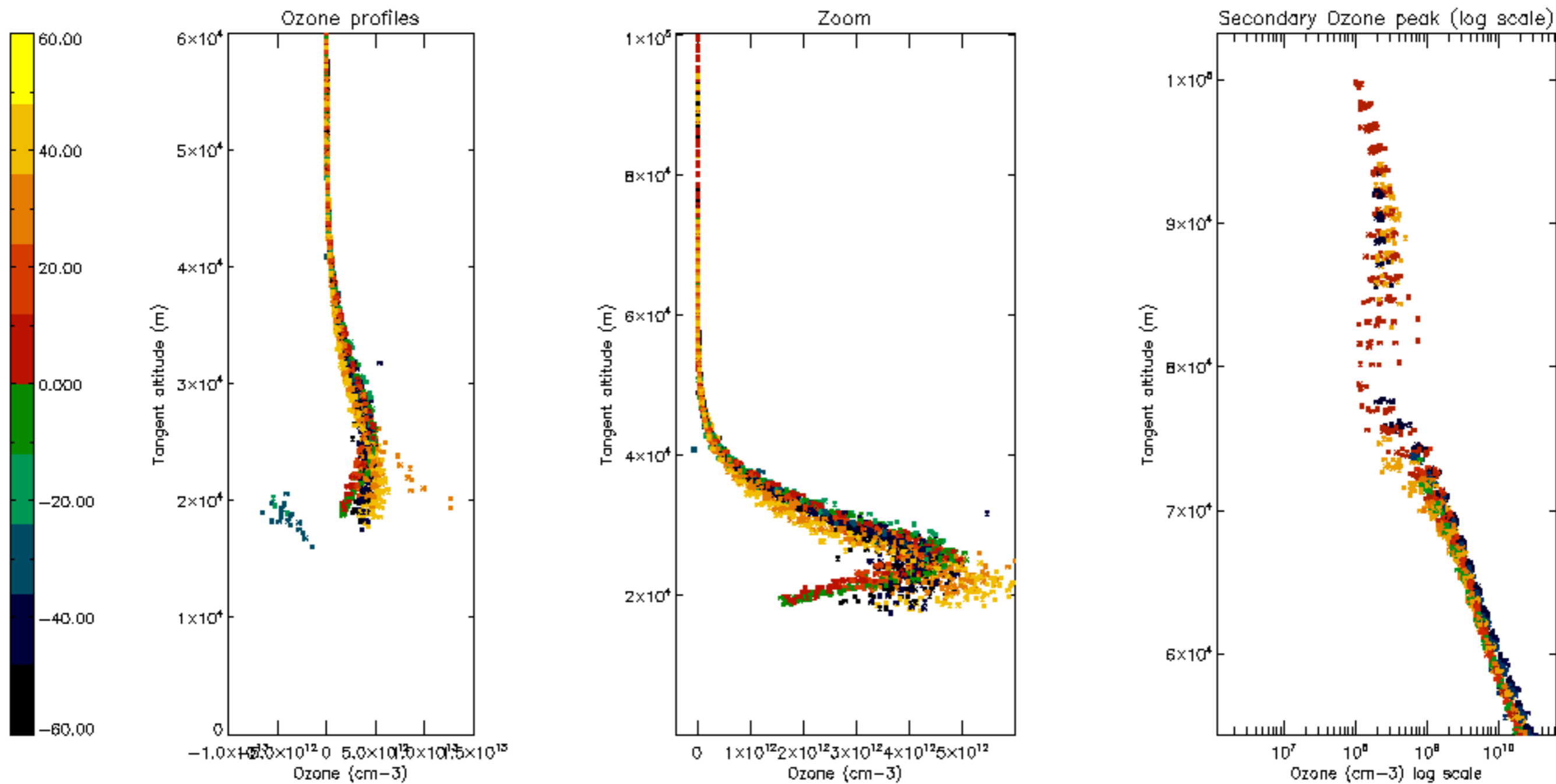


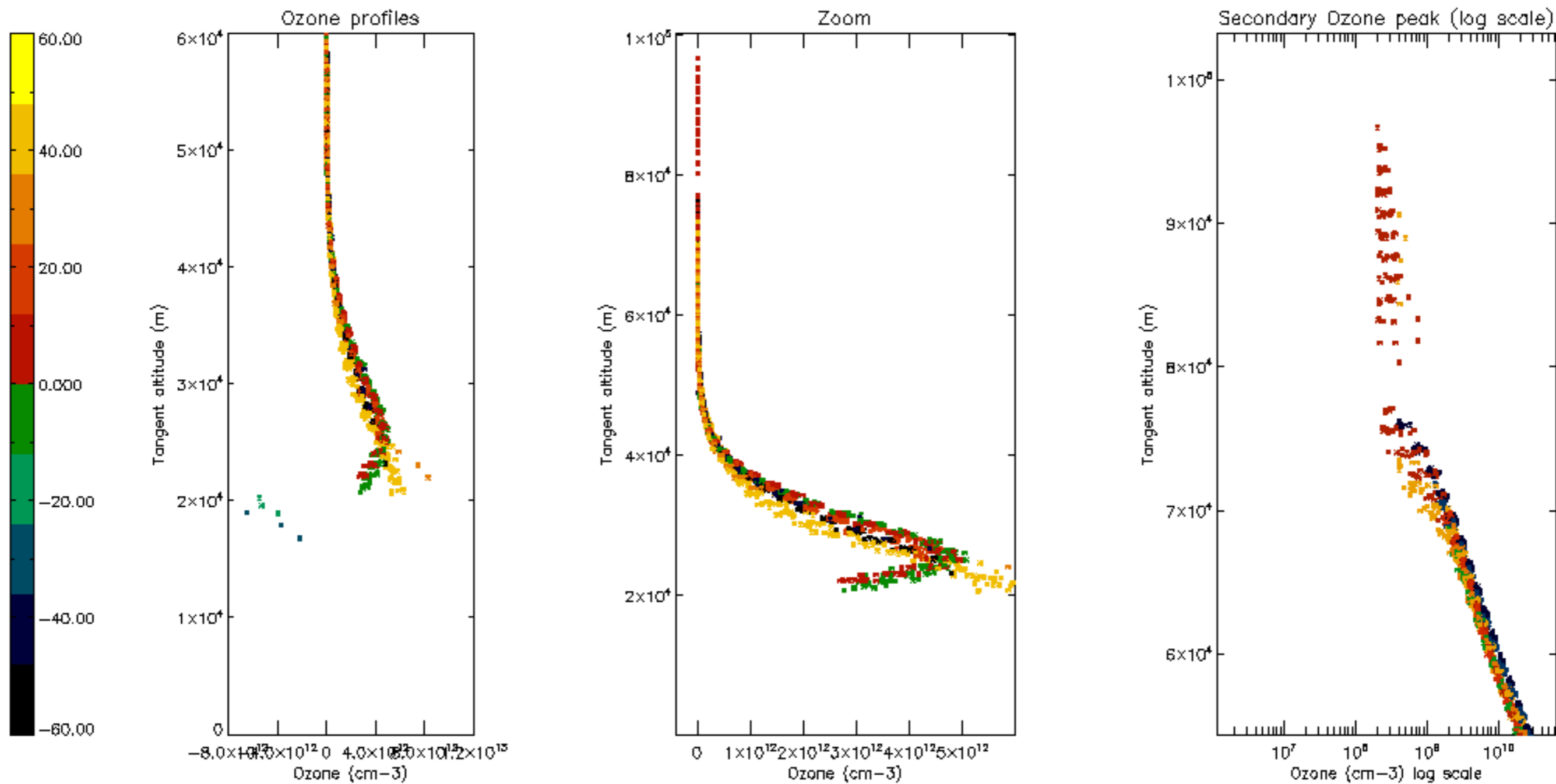
Percentage of saturation errors per profile

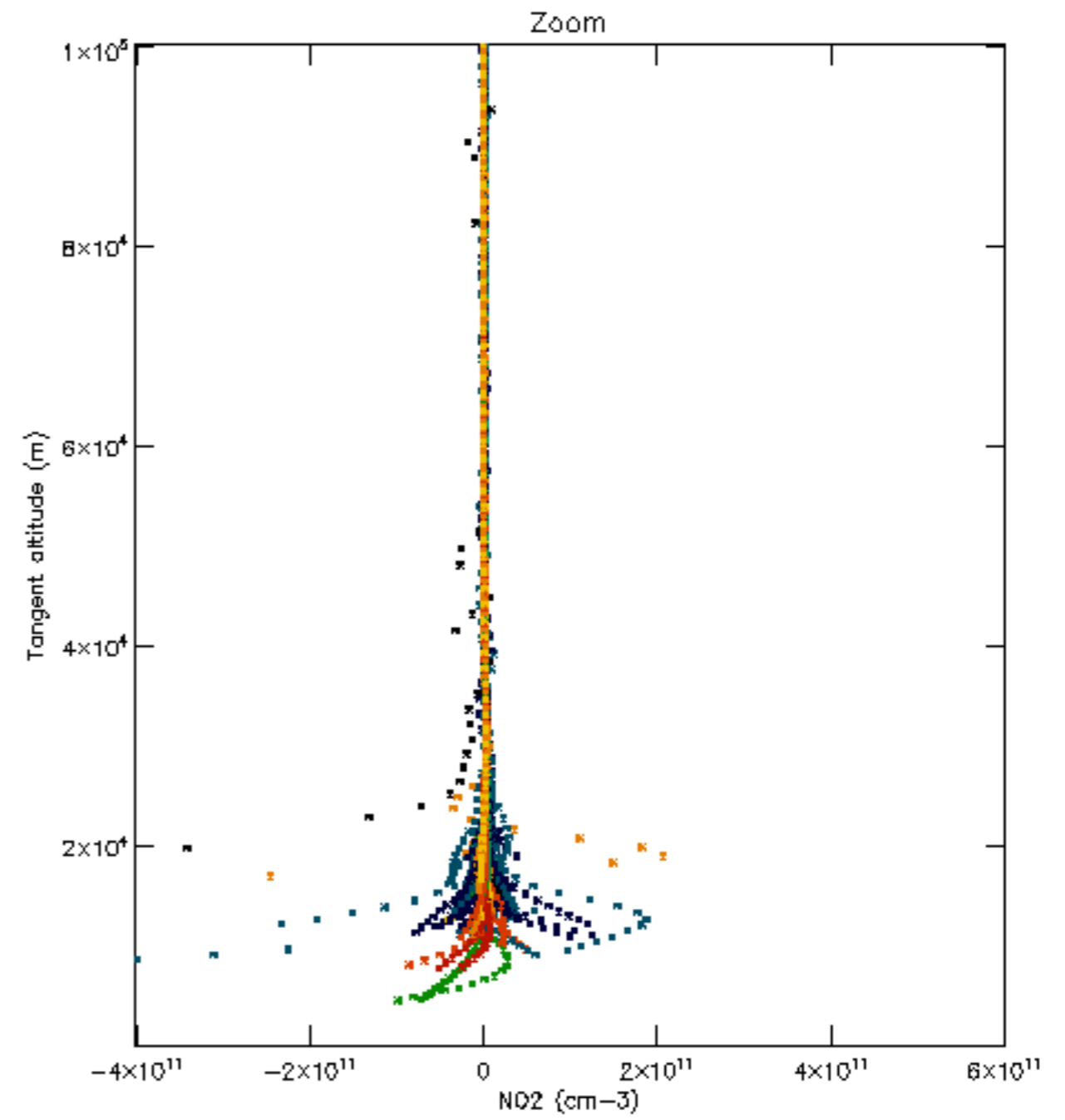
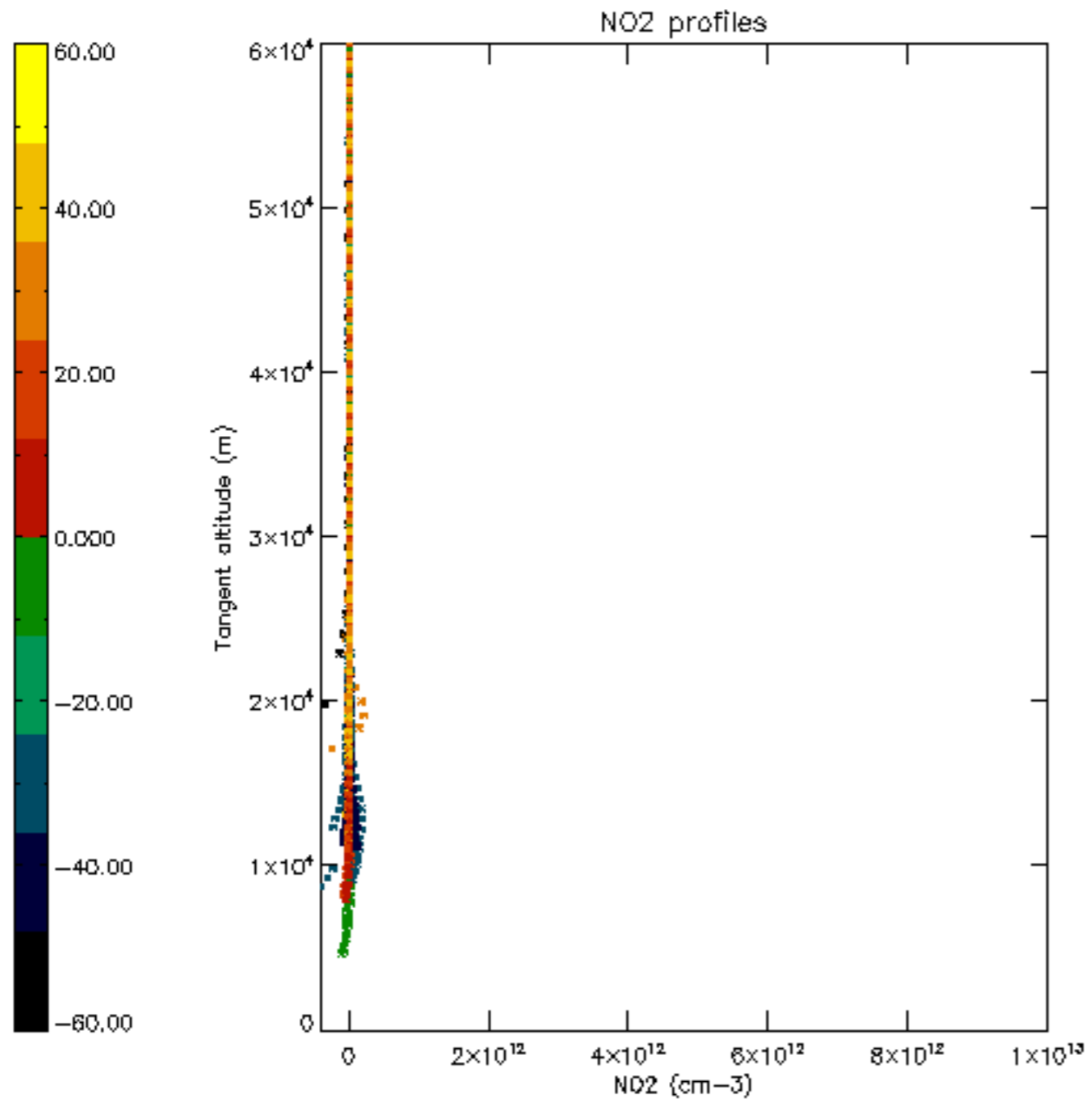


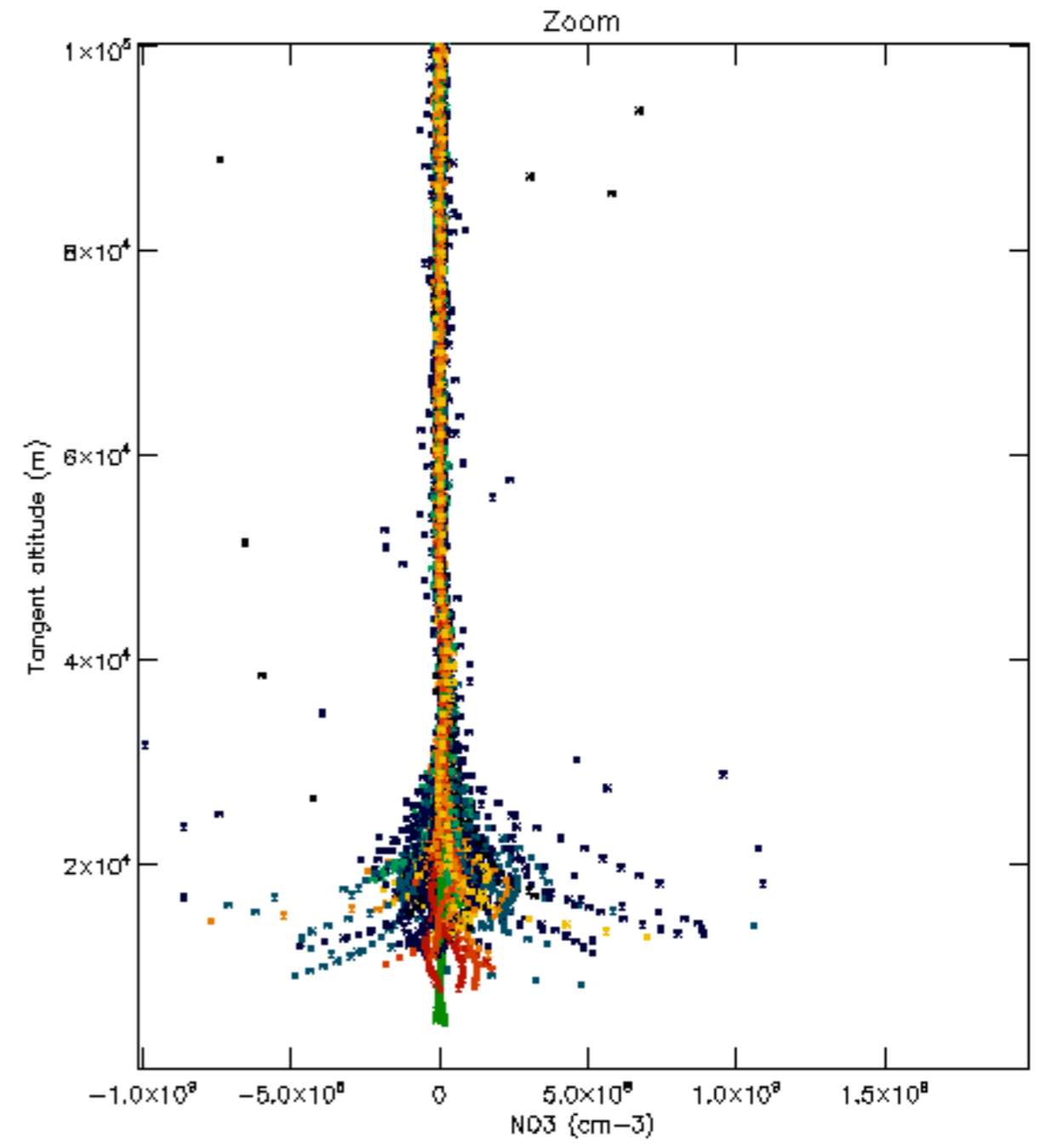
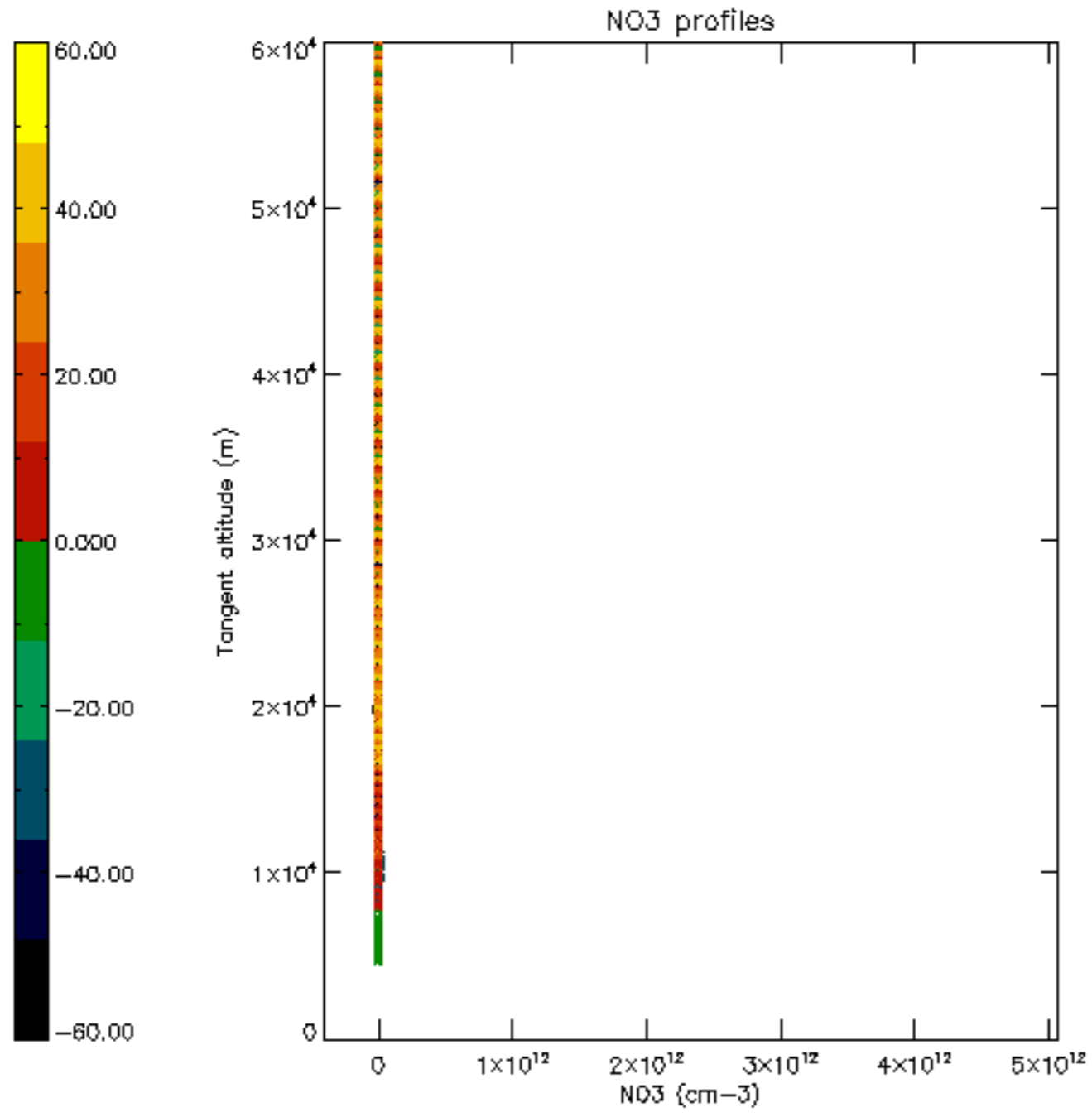


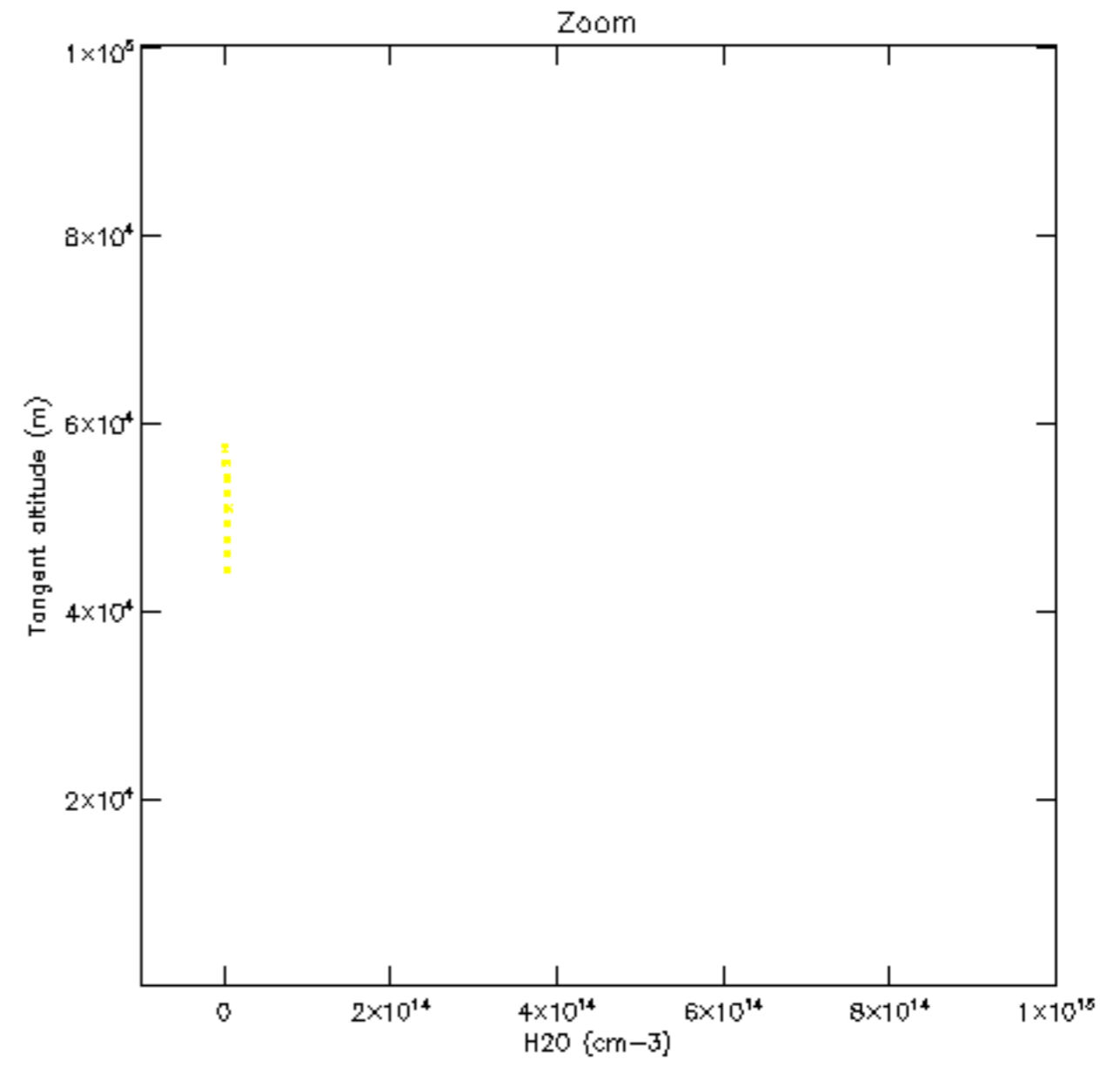
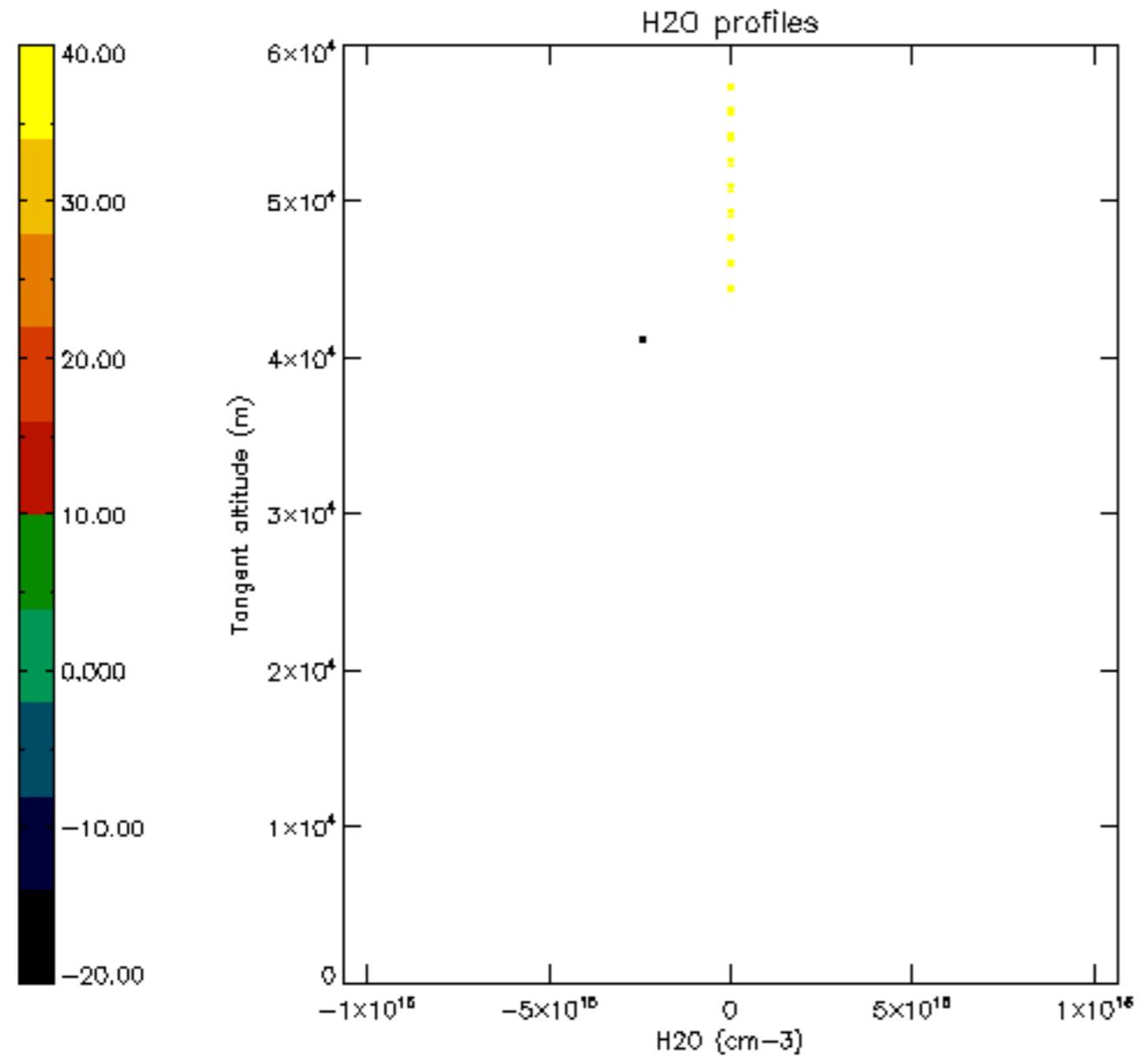


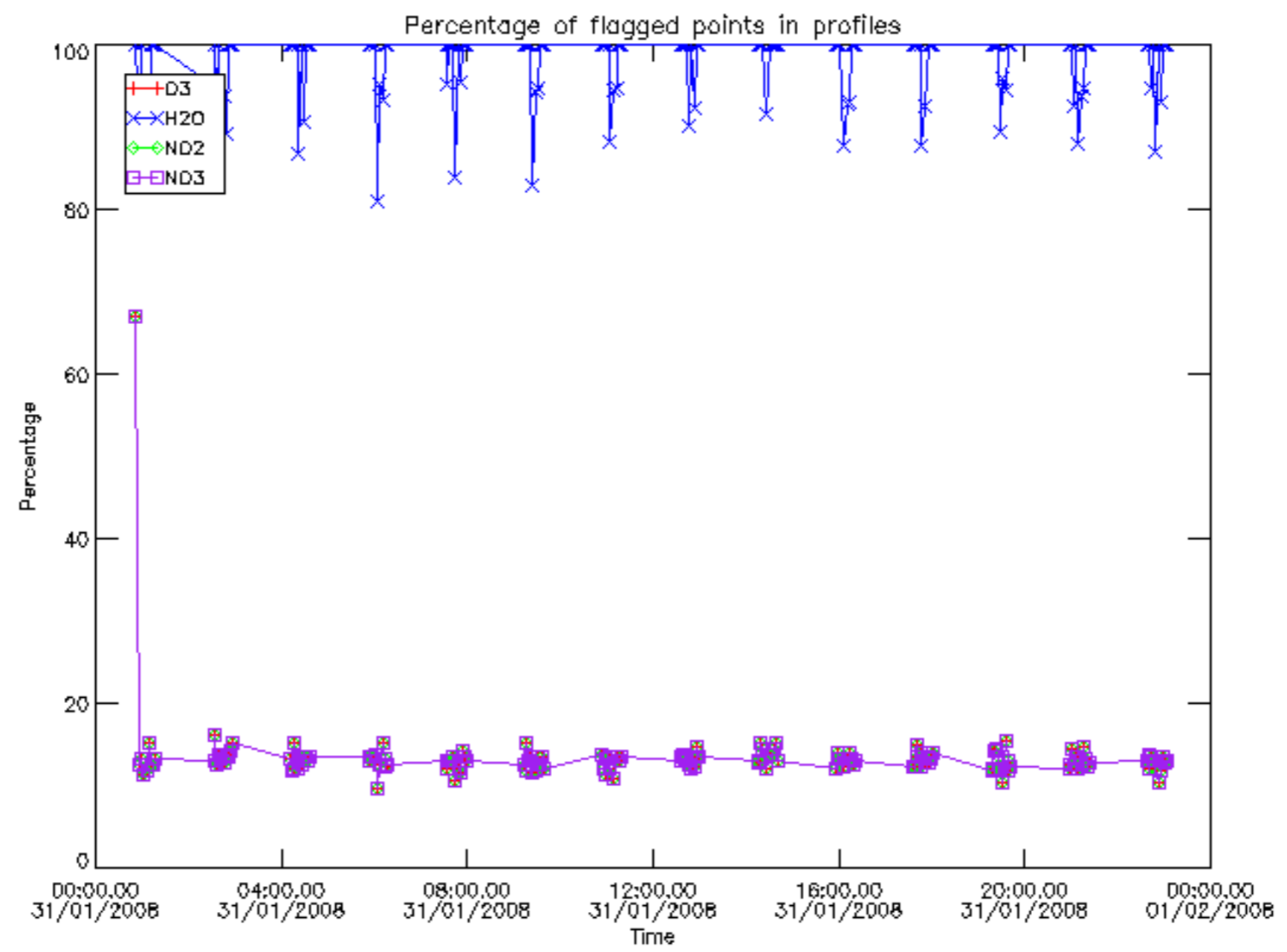




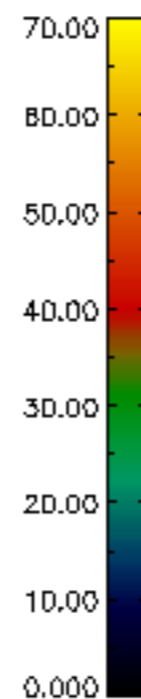
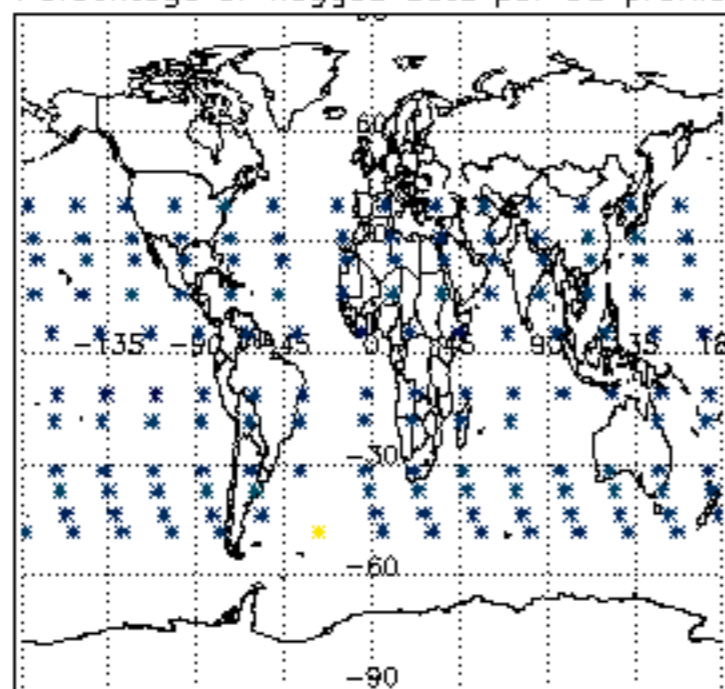




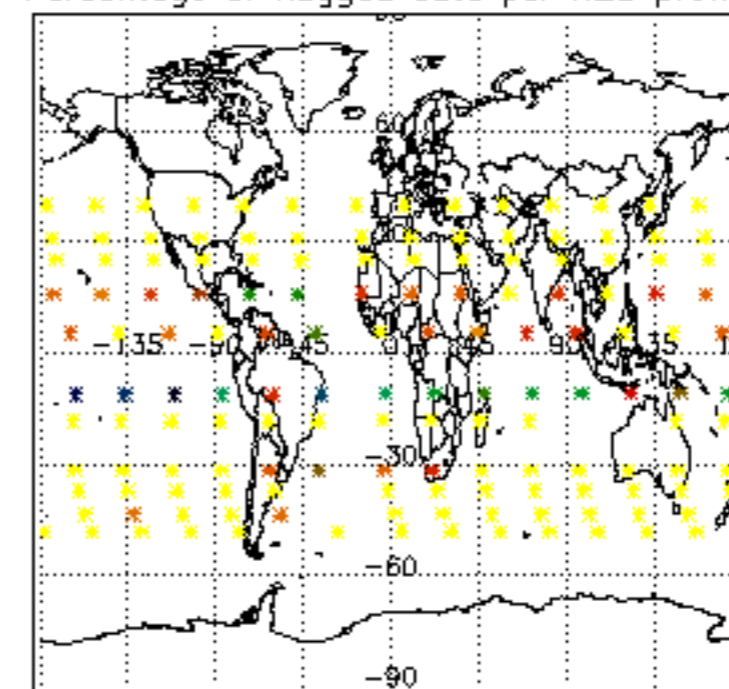




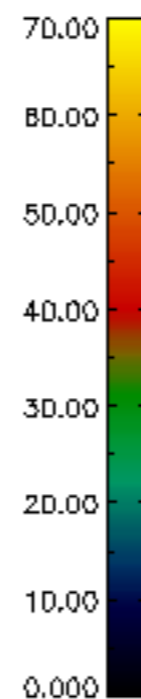
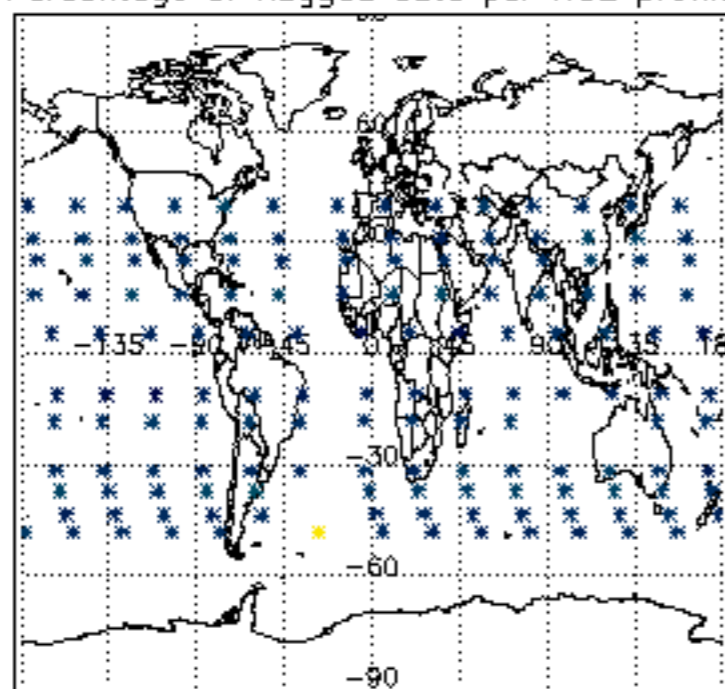
Percentage of flagged data per D3 profile



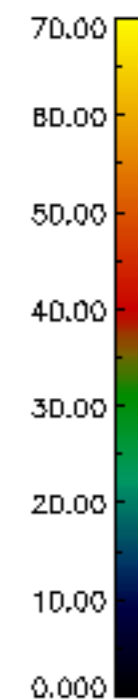
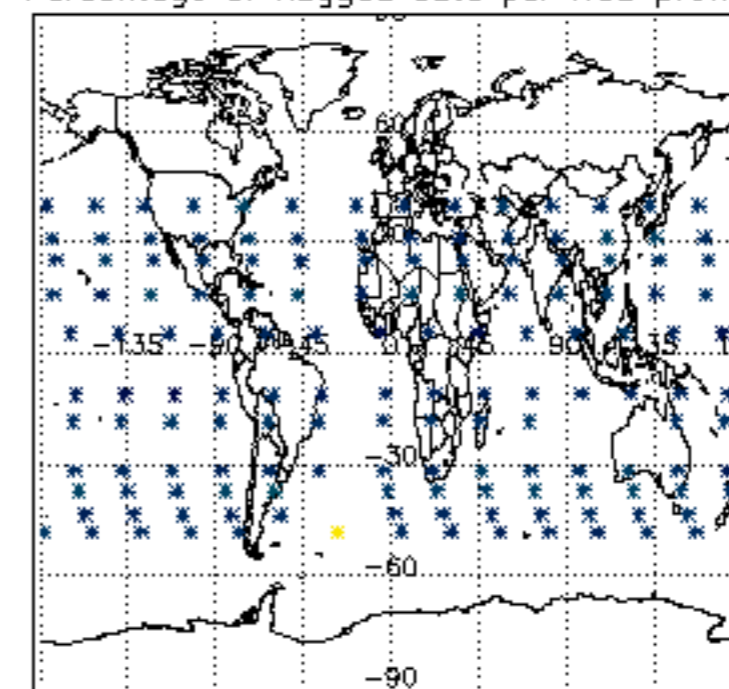
Percentage of flagged data per H2O profile

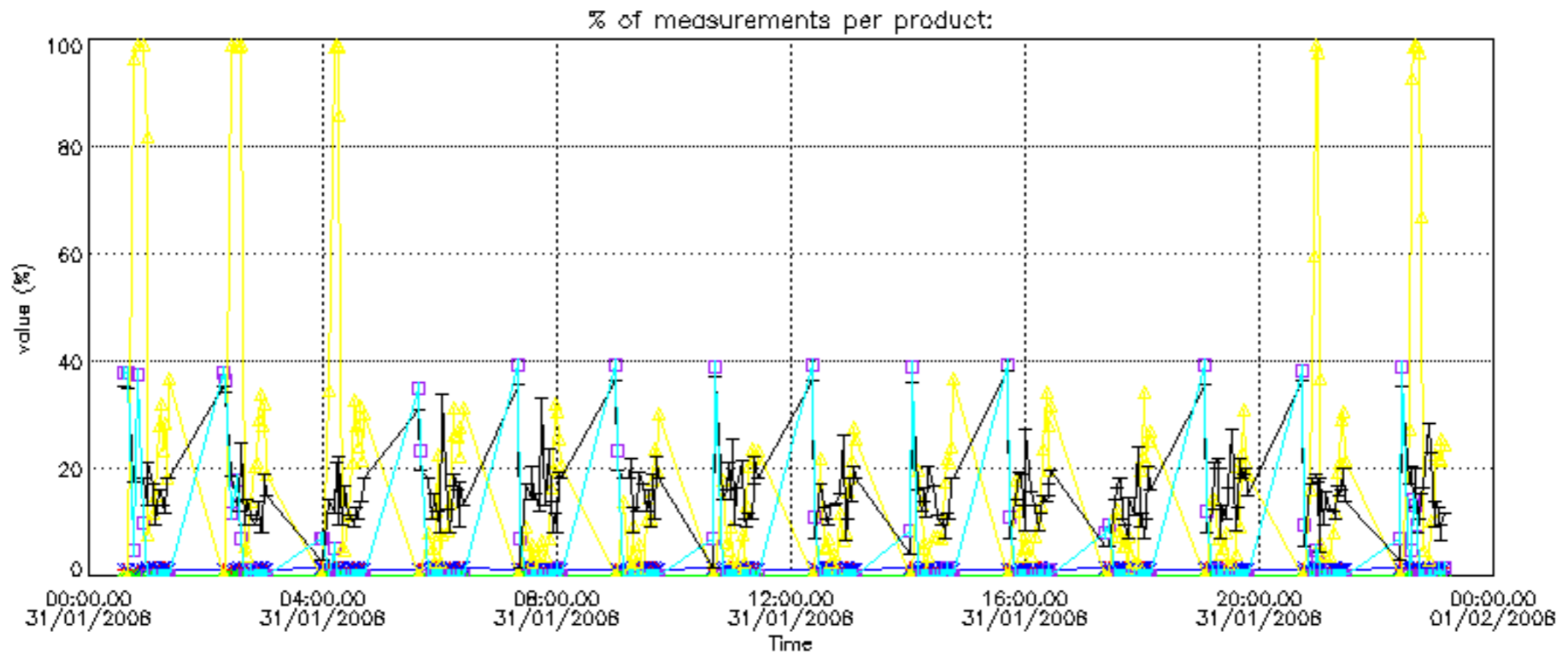


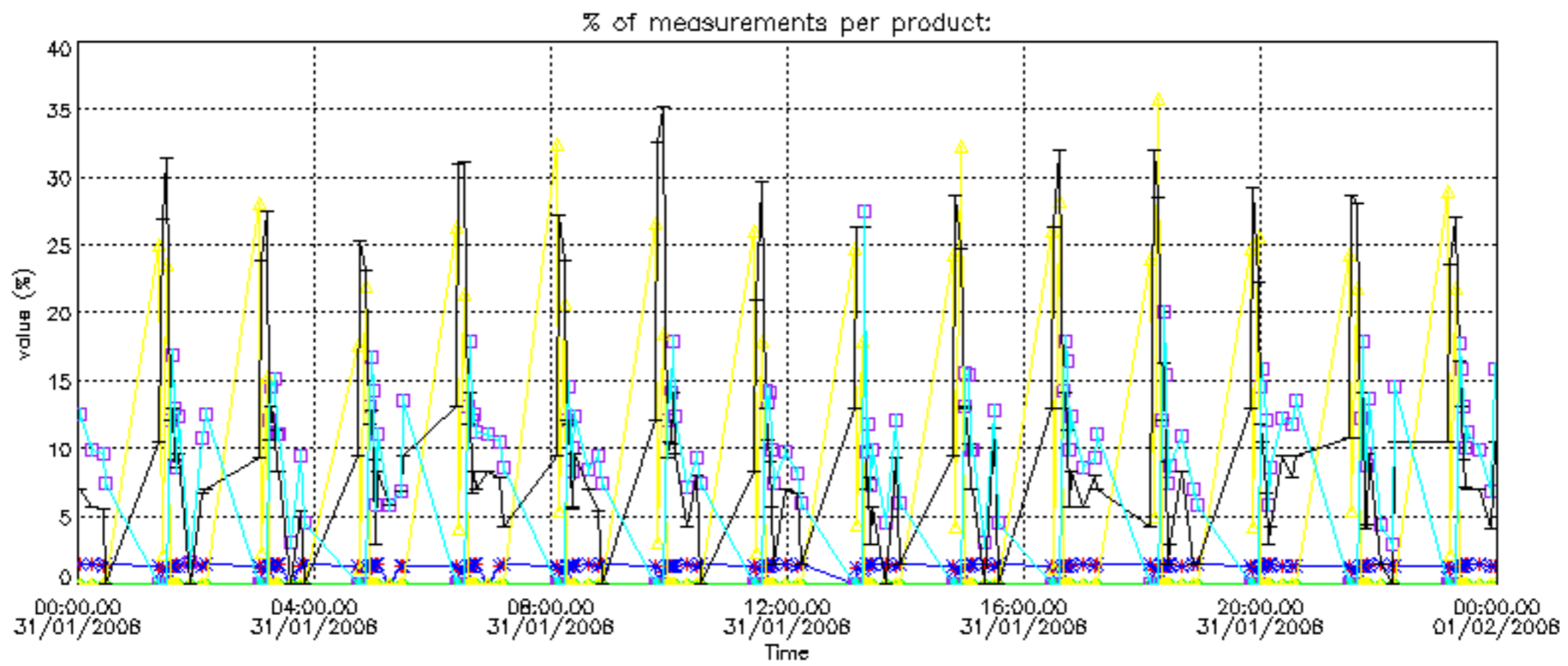
Percentage of flagged data per NO2 profile



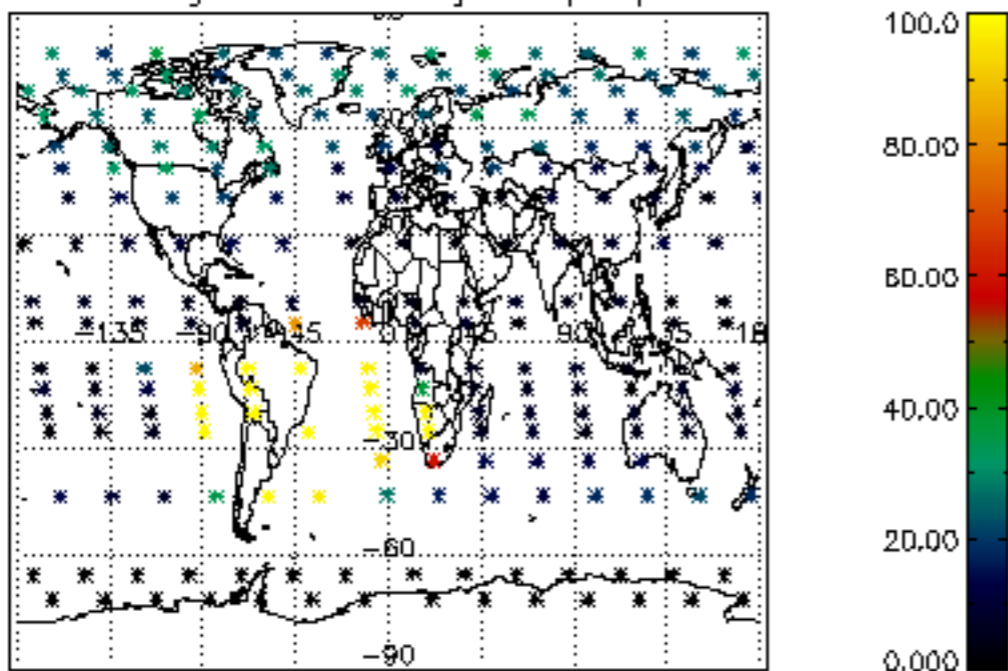
Percentage of flagged data per NO3 profile



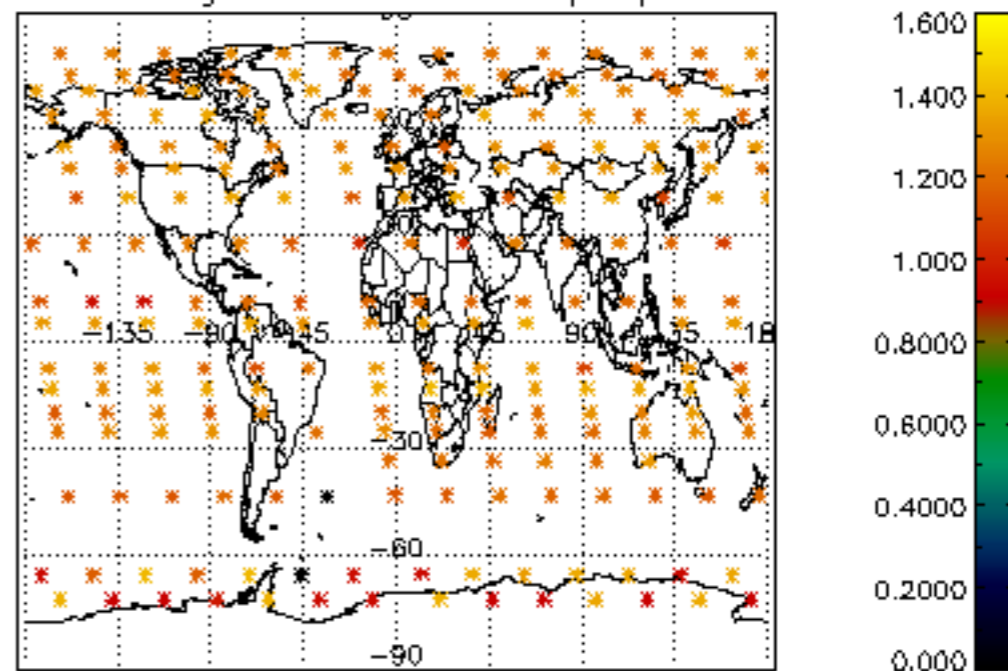




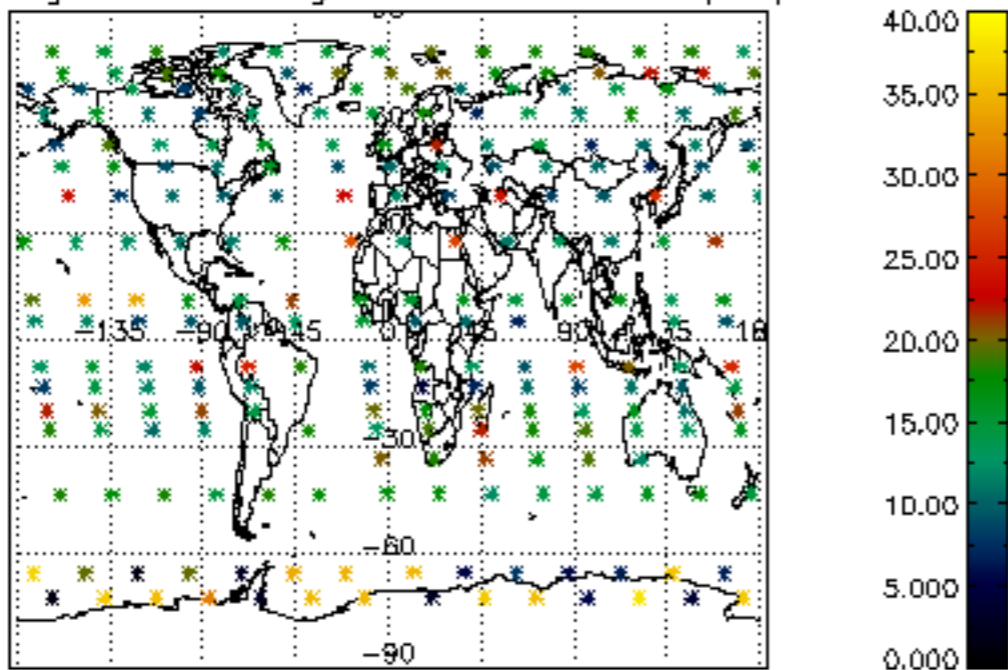
Percentage of cosmic ray hits per profile



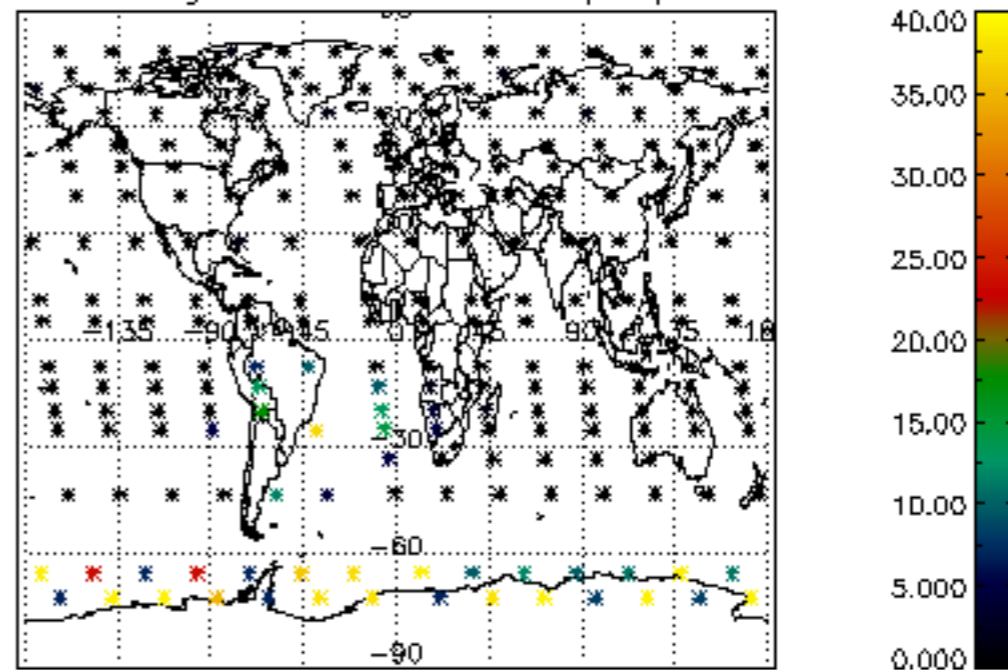
Percentage of datation errors per profile



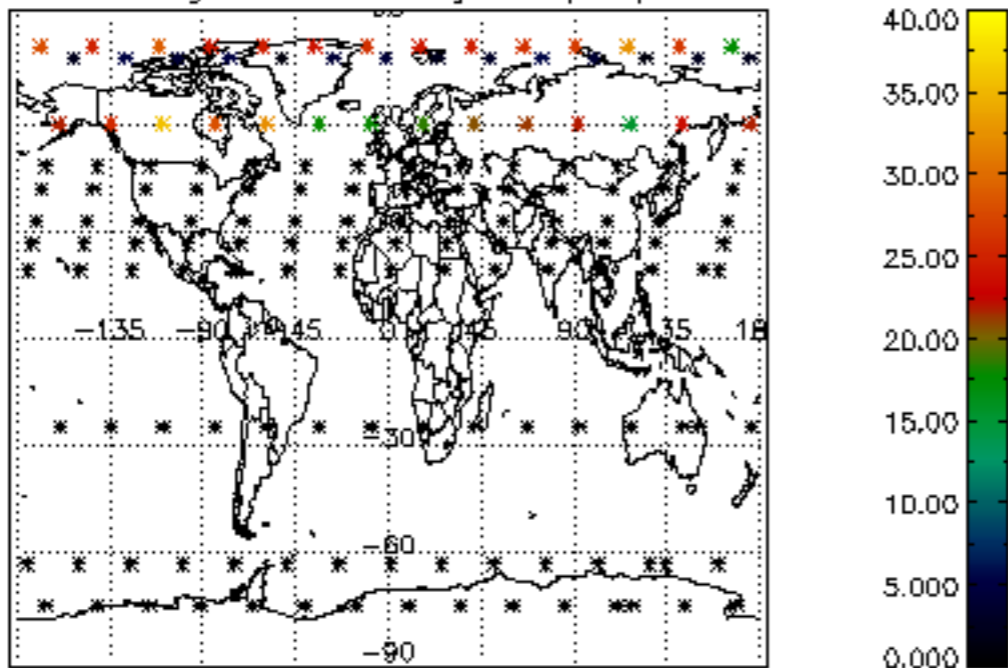
Percentage of star falling outside central band per profile



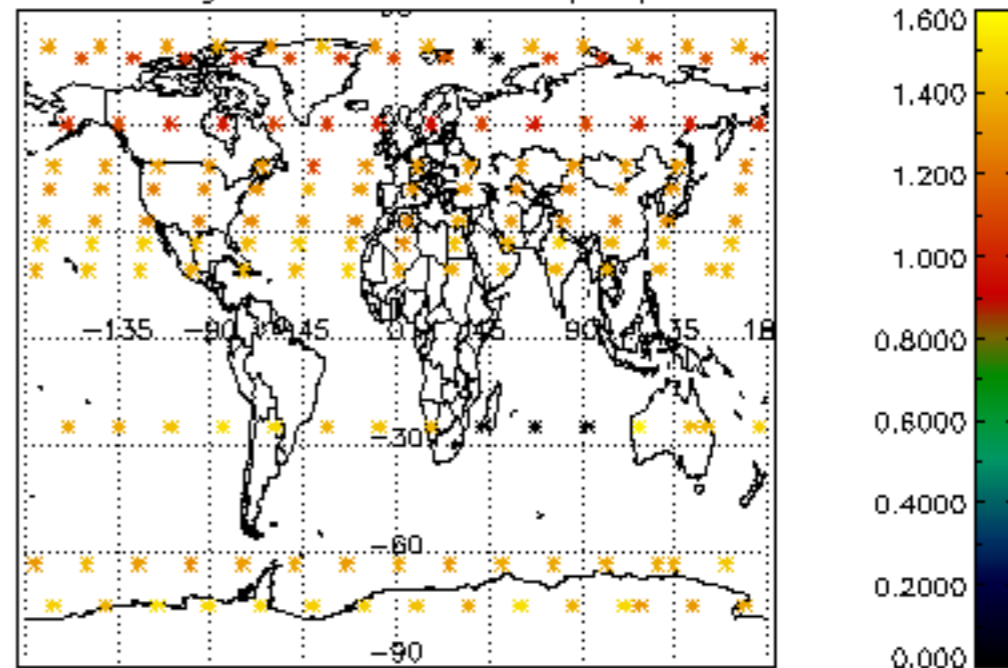
Percentage of saturation errors per profile



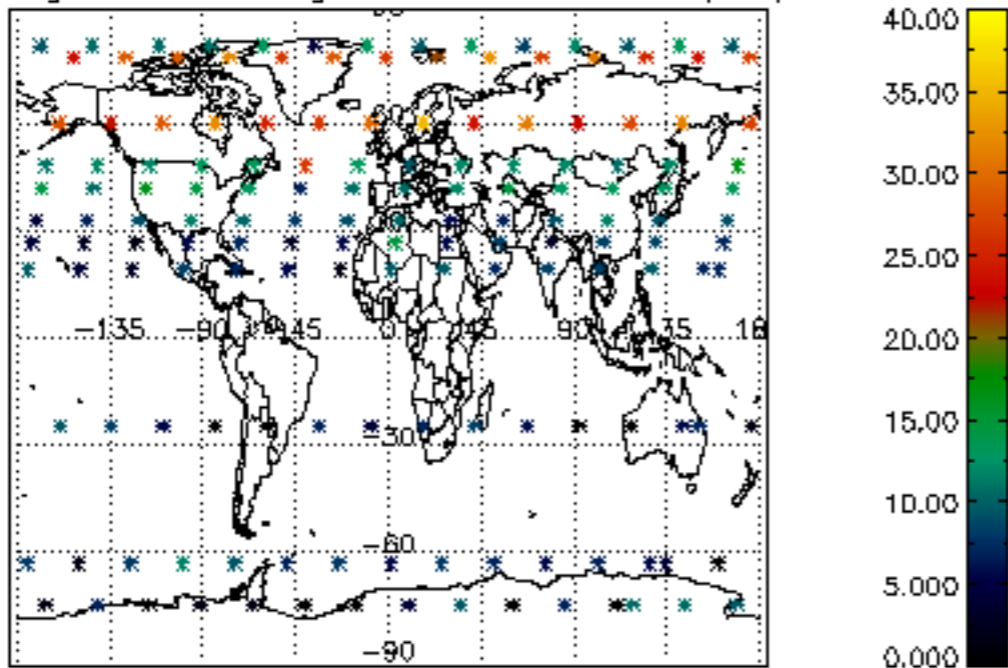
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

