

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	29APR2013 09:11:43
Data source version	GOMOS/6.01
Start time of products	01-04-2010 (01APR2010 00:00:00)
Stop time of products	02-04-2010 (02APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	290
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__2PRFIN20100401_000204_000000512088_00131_42269_2342.N1	01-APR-2010 00:02:04	Dark	51.000	40	The Sco	1.8590	7100.0	102	42269	No
2	GOM_NL__2PRFIN20100401_000547_000000382088_00131_42269_2343.N1	01-APR-2010 00:05:47	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	42269	No
3	GOM_NL__2PRFIN20100401_000826_000000552088_00131_42269_2344.N1	01-APR-2010 00:08:26	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	42269	No
4	GOM_NL__2PRFIN20100401_001110_000000452088_00131_42269_2345.N1	01-APR-2010 00:11:10	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42269	No
5	GOM_NL__2PRFIN20100401_001246_000000482088_00131_42269_2346.N1	01-APR-2010 00:12:46	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	42269	No
6	GOM_NL__2PRFIN20100401_001531_000000522088_00131_42269_2347.N1	01-APR-2010 00:15:31	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42269	No
7	GOM_NL__2PRFIN20100401_002132_000000452088_00131_42269_2348.N1	01-APR-2010 00:21:32	Tw_i_and_stray	44.500	106	9Bet Crv	2.6480	5600.0	89	42269	No
8	GOM_NL__2PRFIN20100401_002330_000000422088_00131_42269_2349.N1	01-APR-2010 00:23:30	Tw_i_and_stray	42.000	100	4Gam Crv	2.5800	13100.	84	42269	No
9	GOM_NL__2PRFIN20100401_002835_000000442088_00131_42269_2350.N1	01-APR-2010 00:28:35	Bright	43.500	121	29Gam Vir	2.7400	7200.0	87	42269	No
10	GOM_NL__2PRFIN20100401_003313_000000402088_00131_42269_2351.N1	01-APR-2010 00:33:13	Bright	40.000	62	94Bet Leo	2.1360	9700.0	80	42269	No
11	GOM_NL__2PRFIN20100401_003449_000000532088_00131_42269_2352.N1	01-APR-2010 00:34:49	Bright	53.000	96	68Del Leo	2.5600	9300.0	106	42269	No
12	GOM_NL__2PRFIN20100401_004139_000000352088_00131_42269_2353.N1	01-APR-2010 00:41:39	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	42269	No
13	GOM_NL__2PRFIN20100401_004441_000000372088_00131_42269_2354.N1	01-APR-2010 00:44:41	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42269	No
14	GOM_NL__2PRFIN20100401_004630_000000402088_00131_42269_2355.N1	01-APR-2010 00:46:30	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	42269	No
15	GOM_NL__2PRFIN20100401_005251_000000432088_00131_42269_2356.N1	01-APR-2010 00:52:51	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	42269	No
16	GOM_NL__2PRFIN20100401_010215_000000382088_00131_42269_2357.N1	01-APR-2010 01:02:15	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42269	No
17	GOM_NL__2PRFIN20100401_010712_000000672088_00131_42269_2358.N1	01-APR-2010 01:07:12	Bright	67.000	144	18Del Cyg	2.8600	11000.	134	42269	No
18	GOM_NL__2PRFIN20100401_010905_000000522088_00131_42269_2359.N1	01-APR-2010 01:09:05	Bright	51.500	66	37Gam Cyg	2.2080	5900.0	103	42269	No
19	GOM_NL__2PRFIN20100401_011106_000000422088_00131_42269_2360.N1	01-APR-2010 01:11:06	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	42269	No
20	GOM_NL__2PRFIN20100401_013853_000000572088_00132_42270_2119.N1	01-APR-2010 01:38:53	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	42270	No
21	GOM_NL__2PRFIN20100401_014241_000000522088_00132_42270_2120.N1	01-APR-2010 01:42:41	Dark	51.500	40	The Sco	1.8590	7100.0	103	42270	No
22	GOM_NL__2PRFIN20100401_014623_000000372088_00132_42270_2121.N1	01-APR-2010 01:46:23	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	42270	No
23	GOM_NL__2PRFIN20100401_014902_000000552088_00132_42270_2122.N1	01-APR-2010 01:49:02	Dark	54.500	4	Alp1Cen	-0.010000	5800.0	109	42270	No
24	GOM_NL__2PRFIN20100401_015146_000000462088_00132_42270_2123.N1	01-APR-2010 01:51:46	Straylight	45.500	78	Alp Lup	2.3040	28000.	91	42270	No
25	GOM_NL__2PRFIN20100401_015323_000000482088_00132_42270_2124.N1	01-APR-2010 01:53:23	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	42270	No
26	GOM_NL__2PRFIN20100401_015607_000000522088_00132_42270_2125.N1	01-APR-2010 01:56:07	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42270	No
27	GOM_NL__2PRFIN20100401_020208_000000472088_00132_42270_2126.N1	01-APR-2010 02:02:08	Tw_i_and_stray	46.500	106	9Bet Crv	2.6480	5600.0	93	42270	No
28	GOM_NL__2PRFIN20100401_020406_000000422088_00132_42270_2127.N1	01-APR-2010 02:04:06	Tw_i_and_stray	41.500	100	4Gam Crv	2.5800	13100.	83	42270	No
29	GOM_NL__2PRFIN20100401_020911_000000452088_00132_42270_2128.N1	01-APR-2010 02:09:11	Bright	45.000	121	29Gam Vir	2.7400	7200.0	90	42270	No
30	GOM_NL__2PRFIN20100401_021349_000000392088_00132_42270_2129.N1	01-APR-2010 02:13:49	Bright	38.500	62	94Bet Leo	2.1360	9700.0	77	42270	No
31	GOM_NL__2PRFIN20100401_021525_000000372088_00132_42270_2130.N1	01-APR-2010 02:15:25	Bright	37.000	96	68Del Leo	2.5600	9300.0	74	42270	No
32	GOM_NL__2PRFIN20100401_022215_000000372088_00132_42270_2131.N1	01-APR-2010 02:22:15	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	42270	No
33	GOM_NL__2PRFIN20100401_022517_000000372088_00132_42270_2132.N1	01-APR-2010 02:25:17	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42270	No
34	GOM_NL__2PRFIN20100401_022706_000000362088_00132_42270_2133.N1	01-APR-2010 02:27:06	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	42270	No
35	GOM_NL__2PRFIN20100401_023326_000000382088_00132_42270_2134.N1	01-APR-2010 02:33:26	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42270	No
36	GOM_NL__2PRFIN20100401_024250_000000392088_00132_42270_2135.N1	01-APR-2010 02:42:50	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42270	No
37	GOM_NL__2PRFIN20100401_024748_000000442088_00132_42270_2136.N1	01-APR-2010 02:47:48	Bright	43.500	144	18Del Cyg	2.8600	11000.	87	42270	No
38	GOM_NL__2PRFIN20100401_024941_000000452088_00132_42270_2137.N1	01-APR-2010 02:49:41	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	42270	No
39	GOM_NL__2PRFIN20100401_025142_000000452088_00132_42270_2138.N1	01-APR-2010 02:51:42	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	42270	No
40	GOM_NL__2PRFIN20100401_031556_000000562088_00132_42270_2139.N1	01-APR-2010 03:15:56	Dark	55.500	57	34Sig Sgr	2.0660	26000.	111	42270	No
41	GOM_NL__2PRFIN20100401_031930_000000542088_00133_42271_2127.N1	01-APR-2010 03:19:30	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	42271	No
42	GOM_NL__2PRFIN20100401_032318_000000522088_00133_42271_2128.N1	01-APR-2010 03:23:18	Dark	51.500	40	The Sco	1.8590	7100.0	103	42271	No

43	GOM_NL__2PRFIN20100401_032700_000000412088_00133_42271_2129.N1	01-APR-2010 03:27:00	Dark	40.500	134	Bet TrA	2.8100	6600.0	81	42271	No
44	GOM_NL__2PRFIN20100401_032938_000000532088_00133_42271_2130.N1	01-APR-2010 03:29:38	Dark	52.500	4	Alp1Cen	-0.010000	5800.0	105	42271	No
45	GOM_NL__2PRFIN20100401_033223_000000452088_00133_42271_2131.N1	01-APR-2010 03:32:23	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42271	No
46	GOM_NL__2PRFIN20100401_033359_000000502088_00133_42271_2132.N1	01-APR-2010 03:33:59	Straylight	50.000	81	Eta Cen	2.3560	28000.	100	42271	No
47	GOM_NL__2PRFIN20100401_033644_000000532088_00133_42271_2133.N1	01-APR-2010 03:36:44	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	42271	No
48	GOM_NL__2PRFIN20100401_034244_000000482088_00133_42271_2134.N1	01-APR-2010 03:42:44	Twi_and_stray	47.500	106	9Bet Crv	2.6480	5600.0	95	42271	No
49	GOM_NL__2PRFIN20100401_034442_000000442088_00133_42271_2135.N1	01-APR-2010 03:44:42	Twi_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42271	No
50	GOM_NL__2PRFIN20100401_034947_000000452088_00133_42271_2136.N1	01-APR-2010 03:49:47	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	42271	No
51	GOM_NL__2PRFIN20100401_035425_000000382088_00133_42271_2137.N1	01-APR-2010 03:54:25	Bright	38.000	62	94Bet Leo	2.1360	9700.0	76	42271	No
52	GOM_NL__2PRFIN20100401_035601_000000372088_00133_42271_2138.N1	01-APR-2010 03:56:01	Bright	37.000	96	68Del Leo	2.5600	9300.0	74	42271	No
53	GOM_NL__2PRFIN20100401_040250_000000382088_00133_42271_2139.N1	01-APR-2010 04:02:50	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	42271	No
54	GOM_NL__2PRFIN20100401_040552_000000382088_00133_42271_2140.N1	01-APR-2010 04:05:52	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	42271	No
55	GOM_NL__2PRFIN20100401_040742_000000372088_00133_42271_2141.N1	01-APR-2010 04:07:42	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	42271	No
56	GOM_NL__2PRFIN20100401_041402_000000432088_00133_42271_2142.N1	01-APR-2010 04:14:02	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	42271	No
57	GOM_NL__2PRFIN20100401_042326_000000382088_00133_42271_2143.N1	01-APR-2010 04:23:26	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42271	No
58	GOM_NL__2PRFIN20100401_042824_000000472088_00133_42271_2144.N1	01-APR-2010 04:28:24	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	42271	No
59	GOM_NL__2PRFIN20100401_043017_000000452088_00133_42271_2145.N1	01-APR-2010 04:30:17	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	42271	No
60	GOM_NL__2PRFIN20100401_043218_000000452088_00133_42271_2146.N1	01-APR-2010 04:32:18	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	42271	No
61	GOM_NL__2PRFIN20100401_045633_000000562088_00133_42271_2147.N1	01-APR-2010 04:56:33	Dark	55.500	57	34Sig Sgr	2.0660	26000.	111	42271	No
62	GOM_NL__2PRFIN20100401_050008_000000562088_00134_42272_2135.N1	01-APR-2010 05:00:08	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	42272	No
63	GOM_NL__2PRFIN20100401_050356_000000532088_00134_42272_2136.N1	01-APR-2010 05:03:56	Dark	53.000	40	The Sco	1.8590	7100.0	106	42272	No
64	GOM_NL__2PRFIN20100401_050736_000000412088_00134_42272_2137.N1	01-APR-2010 05:07:36	Dark	40.500	134	Bet TrA	2.8100	6600.0	81	42272	No
65	GOM_NL__2PRFIN20100401_051015_000000412088_00134_42272_2138.N1	01-APR-2010 05:10:15	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	42272	No
66	GOM_NL__2PRFIN20100401_051300_000000452088_00134_42272_2139.N1	01-APR-2010 05:13:00	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42272	No
67	GOM_NL__2PRFIN20100401_051436_000000472088_00134_42272_2140.N1	01-APR-2010 05:14:36	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	42272	No
68	GOM_NL__2PRFIN20100401_051720_000000532088_00134_42272_2141.N1	01-APR-2010 05:17:20	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	42272	No
69	GOM_NL__2PRFIN20100401_052320_000000472088_00134_42272_2142.N1	01-APR-2010 05:23:20	Twi_and_stray	46.500	106	9Bet Crv	2.6480	5600.0	93	42272	No
70	GOM_NL__2PRFIN20100401_052518_000000432088_00134_42272_2143.N1	01-APR-2010 05:25:18	Twi_and_stray	42.500	100	4Gam Crv	2.5800	13100.	85	42272	No
71	GOM_NL__2PRFIN20100401_052708_000000292088_00134_42272_2144.N1	01-APR-2010 05:27:08	Twi_and_stray	29.000	15	67Alp Vir	0.97600	28000.	58	42272	No
72	GOM_NL__2PRFIN20100401_053023_000000462088_00134_42272_2145.N1	01-APR-2010 05:30:23	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	42272	No
73	GOM_NL__2PRFIN20100401_053501_000000402088_00134_42272_2146.N1	01-APR-2010 05:35:01	Bright	39.500	62	94Bet Leo	2.1360	9700.0	79	42272	No
74	GOM_NL__2PRFIN20100401_053637_000000362088_00134_42272_2147.N1	01-APR-2010 05:36:37	Bright	36.000	96	68Del Leo	2.5600	9300.0	72	42272	No
75	GOM_NL__2PRFIN20100401_054326_000000382088_00134_42272_2148.N1	01-APR-2010 05:43:26	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	42272	No
76	GOM_NL__2PRFIN20100401_054628_000000372088_00134_42272_2149.N1	01-APR-2010 05:46:28	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42272	No
77	GOM_NL__2PRFIN20100401_054818_000000382088_00134_42272_2150.N1	01-APR-2010 05:48:18	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	42272	No
78	GOM_NL__2PRFIN20100401_055438_000000582088_00134_42272_2151.N1	01-APR-2010 05:54:38	Bright	57.500	60	7Bet UMi	2.0810	3950.0	115	42272	No
79	GOM_NL__2PRFIN20100401_060402_000000382088_00134_42272_2152.N1	01-APR-2010 06:04:02	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42272	No
80	GOM_NL__2PRFIN20100401_060859_000000462088_00134_42272_2153.N1	01-APR-2010 06:08:59	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	42272	No
81	GOM_NL__2PRFIN20100401_061053_000000472088_00134_42272_2154.N1	01-APR-2010 06:10:53	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	42272	No
82	GOM_NL__2PRFIN20100401_061254_000000532088_00134_42272_2155.N1	01-APR-2010 06:12:54	Bright	53.000	92	53Eps Cyg	2.5000	4500.0	106	42272	No
83	GOM_NL__2PRFIN20100401_063711_000000602088_00134_42272_2156.N1	01-APR-2010 06:37:11	Dark	59.500	57	34Sig Sgr	2.0660	26000.	119	42272	No
84	GOM_NL__2PRFIN20100401_064045_000000542088_00135_42273_2143.N1	01-APR-2010 06:40:45	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	42273	No
85	GOM_NL__2PRFIN20100401_064432_000000522088_00135_42273_2144.N1	01-APR-2010 06:44:32	Dark	51.500	40	The Sco	1.8590	7100.0	103	42273	No
86	GOM_NL__2PRFIN20100401_064813_000000412088_00135_42273_2145.N1	01-APR-2010 06:48:13	Dark	40.500	134	Bet TrA	2.8100	6600.0	81	42273	No
87	GOM_NL__2PRFIN20100401_065051_000000492088_00135_42273_2146.N1	01-APR-2010 06:50:51	Dark	48.500	4	Alp1Cen	-0.010000	5800.0	97	42273	No
88	GOM_NL__2PRFIN20100401_065336_000000472088_00135_42273_2147.N1	01-APR-2010 06:53:36	Straylight	47.000	78	Alp Lup	2.3040	28000.	94	42273	No
89	GOM_NL__2PRFIN20100401_065512_000000502088_00135_42273_2148.N1	01-APR-2010 06:55:12	Straylight	50.000	81	Eta Cen	2.3560	28000.	100	42273	No
90	GOM_NL__2PRFIN20100401_065757_000000542088_00135_42273_2149.N1	01-APR-2010 06:57:57	Straylight	53.500	54	5The Cen	2.0550	4500.0	107	42273	No
91	GOM_NL__2PRFIN20100401_070356_000000462088_00135_42273_2150.N1	01-APR-2010 07:03:56	Twi_and_stray	46.000	106	9Bet Crv	2.6480	5600.0	92	42273	No
92	GOM_NL__2PRFIN20100401_070555_000000432088_00135_42273_2151.N1	01-APR-2010 07:05:55	Twi_and_stray	42.500	100	4Gam Crv	2.5800	13100.	85	42273	No
93	GOM_NL__2PRFIN20100401_070744_000000292088_00135_42273_2152.N1	01-APR-2010 07:07:44	Twi_and_stray	29.000	15	67Alp Vir	0.97600	28000.	58	42273	No
94	GOM_NL__2PRFIN20100401_071059_000000452088_00135_42273_2153.N1	01-APR-2010 07:10:59	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	42273	No
95	GOM_NL__2PRFIN20100401_071536_000000402088_00135_42273_2154.N1	01-APR-2010 07:15:36	Bright	40.000	62	94Bet Leo	2.1360	9700.0	80	42273	No
96	GOM_NL__2PRFIN20100401_071713_000000362088_00135_42273_2155.N1	01-APR-2010 07:17:13	Bright	36.000	96	68Del Leo	2.5600	9300.0	72	42273	No
97	GOM_NL__2PRFIN20100401_072402_000000362088_00135_42273_2156.N1	01-APR-2010 07:24:02	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	42273	No
98	GOM_NL__2PRFIN20100401_072704_000000402088_00135_42273_2157.N1	01-APR-2010 07:27:04	Bright	40.000	87	64Gam UMa	2.4330	11000.	80	42273	No
99	GOM_NL__2PRFIN20100401_072854_000000382088_00135_42273_2158.N1	01-APR-2010 07:28:54	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	42273	No
100	GOM_NL__2PRFIN20100401_073513_000000582088_00135_42273_2159.N1	01-APR-2010 07:35:13	Bright	58.000	60	7Bet UMi	2.0810	3950.0	116	42273	No
101	GOM_NL__2PRFIN20100401_074438_000000542088_00135_42273_2160.N1	01-APR-2010 07:44:38	Bright	54.000	89	5Alp Cep	2.4510	8000.0	108	42273	No

102	GOM_NL__2PRFIN20100401_074935_000000482088_00135_42273_2161.N1	01-APR-2010 07:49:35	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	42273	No
103	GOM_NL__2PRFIN20100401_075129_000000452088_00135_42273_2162.N1	01-APR-2010 07:51:29	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	42273	No
104	GOM_NL__2PRFIN20100401_075330_000000452088_00135_42273_2163.N1	01-APR-2010 07:53:30	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	42273	No
105	GOM_NL__2PRFIN20100401_081748_000000562088_00135_42273_2164.N1	01-APR-2010 08:17:48	Dark	55.500	57	34Sig Sgr	2.0660	26000.	111	42273	No
106	GOM_NL__2PRFIN20100401_082123_000000522088_00136_42274_2151.N1	01-APR-2010 08:21:23	Dark	51.500	38	20Eps Sgr	1.8360	11000.	103	42274	No
107	GOM_NL__2PRFIN20100401_082509_000000492088_00136_42274_2152.N1	01-APR-2010 08:25:09	Dark	48.500	40	The Sco	1.8590	7100.0	97	42274	No
108	GOM_NL__2PRFIN20100401_082849_000000392088_00136_42274_2153.N1	01-APR-2010 08:28:49	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	42274	No
109	GOM_NL__2PRFIN20100401_083128_000000542088_00136_42274_2154.N1	01-APR-2010 08:31:28	Dark	53.500	4	Alp1Cen	-0.010000	5800.0	107	42274	No
110	GOM_NL__2PRFIN20100401_083413_000000492088_00136_42274_2155.N1	01-APR-2010 08:34:13	Straylight	48.500	78	Alp Lup	2.3040	28000.	97	42274	No
111	GOM_NL__2PRFIN20100401_083549_000000472088_00136_42274_2156.N1	01-APR-2010 08:35:49	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	42274	No
112	GOM_NL__2PRFIN20100401_083833_000000532088_00136_42274_2157.N1	01-APR-2010 08:38:33	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	42274	No
113	GOM_NL__2PRFIN20100401_084433_000000462088_00136_42274_2158.N1	01-APR-2010 08:44:33	Tw_i_and_stray	45.500	106	9Bet Crv	2.6480	5600.0	91	42274	No
114	GOM_NL__2PRFIN20100401_084630_000000432088_00136_42274_2159.N1	01-APR-2010 08:46:30	Tw_i_and_stray	43.000	100	4Gam Crv	2.5800	13100.	86	42274	No
115	GOM_NL__2PRFIN20100401_084820_000000362088_00136_42274_2160.N1	01-APR-2010 08:48:20	Bright	36.000	15	67Alp Vir	0.97600	28000.	72	42274	No
116	GOM_NL__2PRFIN20100401_085135_000000452088_00136_42274_2161.N1	01-APR-2010 08:51:35	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	42274	No
117	GOM_NL__2PRFIN20100401_085612_000000412088_00136_42274_2162.N1	01-APR-2010 08:56:12	Bright	40.500	62	94Bet Leo	2.1360	9700.0	81	42274	No
118	GOM_NL__2PRFIN20100401_090438_000000372088_00136_42274_2163.N1	01-APR-2010 09:04:38	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	42274	No
119	GOM_NL__2PRFIN20100401_090740_000000392088_00136_42274_2164.N1	01-APR-2010 09:07:40	Bright	39.000	87	64Gam UMa	2.4330	11000.	78	42274	No
120	GOM_NL__2PRFIN20100401_090930_000000402088_00136_42274_2165.N1	01-APR-2010 09:09:30	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	42274	No
121	GOM_NL__2PRFIN20100401_091549_000000412088_00136_42274_2166.N1	01-APR-2010 09:15:49	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42274	No
122	GOM_NL__2PRFIN20100401_092514_000000372088_00136_42274_2167.N1	01-APR-2010 09:25:14	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	42274	No
123	GOM_NL__2PRFIN20100401_093011_000000482088_00136_42274_2168.N1	01-APR-2010 09:30:11	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	42274	No
124	GOM_NL__2PRFIN20100401_093205_000000472088_00136_42274_2169.N1	01-APR-2010 09:32:05	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	42274	No
125	GOM_NL__2PRFIN20100401_093406_000000442088_00136_42274_2170.N1	01-APR-2010 09:34:06	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	42274	No
126	GOM_NL__2PRFIN20100401_095825_000000572088_00136_42274_2171.N1	01-APR-2010 09:58:25	Dark	57.000	57	34Sig Sgr	2.0660	26000.	114	42274	No
127	GOM_NL__2PRFIN20100401_100159_000000552088_00137_42275_2159.N1	01-APR-2010 10:01:59	Dark	54.500	38	20Eps Sgr	1.8360	11000.	109	42275	No
128	GOM_NL__2PRFIN20100401_100547_000000512088_00137_42275_2160.N1	01-APR-2010 10:05:47	Dark	51.000	40	The Sco	1.8590	7100.0	102	42275	No
129	GOM_NL__2PRFIN20100401_100926_000000392088_00137_42275_2161.N1	01-APR-2010 10:09:26	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	42275	No
130	GOM_NL__2PRFIN20100401_101204_000000512088_00137_42275_2162.N1	01-APR-2010 10:12:04	Dark	51.000	4	Alp1Cen	-0.010000	5800.0	102	42275	No
131	GOM_NL__2PRFIN20100401_101449_000000442088_00137_42275_2163.N1	01-APR-2010 10:14:49	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42275	No
132	GOM_NL__2PRFIN20100401_101626_000000502088_00137_42275_2164.N1	01-APR-2010 10:16:26	Straylight	50.000	81	Eta Cen	2.3560	28000.	100	42275	No
133	GOM_NL__2PRFIN20100401_101909_000000582088_00137_42275_2165.N1	01-APR-2010 10:19:09	Straylight	58.000	54	5The Cen	2.0550	4500.0	116	42275	No
134	GOM_NL__2PRFIN20100401_102509_000000482088_00137_42275_2166.N1	01-APR-2010 10:25:09	Tw_i_and_stray	47.500	106	9Bet Crv	2.6480	5600.0	95	42275	No
135	GOM_NL__2PRFIN20100401_102707_000000432088_00137_42275_2167.N1	01-APR-2010 10:27:07	Tw_i_and_stray	43.000	100	4Gam Crv	2.5800	13100.	86	42275	No
136	GOM_NL__2PRFIN20100401_102856_000000362088_00137_42275_2168.N1	01-APR-2010 10:28:56	Bright	36.000	15	67Alp Vir	0.97600	28000.	72	42275	No
137	GOM_NL__2PRFIN20100401_103210_000000452088_00137_42275_2169.N1	01-APR-2010 10:32:10	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	42275	No
138	GOM_NL__2PRFIN20100401_103648_000000392088_00137_42275_2170.N1	01-APR-2010 10:36:48	Bright	38.500	62	94Bet Leo	2.1360	9700.0	77	42275	No
139	GOM_NL__2PRFIN20100401_104514_000000382088_00137_42275_2171.N1	01-APR-2010 10:45:14	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	42275	No
140	GOM_NL__2PRFIN20100401_104815_000000392088_00137_42275_2172.N1	01-APR-2010 10:48:15	Bright	39.000	87	64Gam UMa	2.4330	11000.	78	42275	No
141	GOM_NL__2PRFIN20100401_105006_000000372088_00137_42275_2173.N1	01-APR-2010 10:50:06	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	42275	No
142	GOM_NL__2PRFIN20100401_105624_000000392088_00137_42275_2174.N1	01-APR-2010 10:56:24	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42275	No
143	GOM_NL__2PRFIN20100401_110550_000000372088_00137_42275_2175.N1	01-APR-2010 11:05:50	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42275	No
144	GOM_NL__2PRFIN20100401_111047_000000452088_00137_42275_2176.N1	01-APR-2010 11:10:47	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	42275	No
145	GOM_NL__2PRFIN20100401_111241_000000442088_00137_42275_2177.N1	01-APR-2010 11:12:41	Bright	43.500	66	37Gam Cyg	2.2080	5900.0	87	42275	No
146	GOM_NL__2PRFIN20100401_111443_000000602088_00137_42275_2178.N1	01-APR-2010 11:14:43	Bright	60.000	92	53Eps Cyg	2.5000	4500.0	120	42275	No
147	GOM_NL__2PRFIN20100401_113902_000000572088_00137_42275_2179.N1	01-APR-2010 11:39:02	Dark	56.500	57	34Sig Sgr	2.0660	26000.	113	42275	No
148	GOM_NL__2PRFIN20100401_114237_000000562088_00138_42276_2167.N1	01-APR-2010 11:42:37	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	42276	No
149	GOM_NL__2PRFIN20100401_114624_000000482088_00138_42276_2168.N1	01-APR-2010 11:46:24	Dark	47.500	40	The Sco	1.8590	7100.0	95	42276	No
150	GOM_NL__2PRFIN20100401_115002_000000392088_00138_42276_2169.N1	01-APR-2010 11:50:02	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	42276	No
151	GOM_NL__2PRFIN20100401_115240_000000532088_00138_42276_2170.N1	01-APR-2010 11:52:40	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	42276	No
152	GOM_NL__2PRFIN20100401_115526_000000462088_00138_42276_2171.N1	01-APR-2010 11:55:26	Straylight	46.000	78	Alp Lup	2.3040	28000.	92	42276	No
153	GOM_NL__2PRFIN20100401_115702_000000472088_00138_42276_2172.N1	01-APR-2010 11:57:02	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	42276	No
154	GOM_NL__2PRFIN20100401_115946_000000512088_00138_42276_2173.N1	01-APR-2010 11:59:46	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	42276	No
155	GOM_NL__2PRFIN20100401_120545_000000462088_00138_42276_2174.N1	01-APR-2010 12:05:45	Tw_i_and_stray	46.000	106	9Bet Crv	2.6480	5600.0	92	42276	No
156	GOM_NL__2PRFIN20100401_120742_000000442088_00138_42276_2175.N1	01-APR-2010 12:07:42	Tw_i_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42276	No
157	GOM_NL__2PRFIN20100401_120932_000000422088_00138_42276_2176.N1	01-APR-2010 12:09:32	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42276	No
158	GOM_NL__2PRFIN20100401_121247_000000442088_00138_42276_2177.N1	01-APR-2010 12:12:47	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	42276	No
159	GOM_NL__2PRFIN20100401_121724_000000382088_00138_42276_2178.N1	01-APR-2010 12:17:24	Bright	38.000	62	94Bet Leo	2.1360	9700.0	76	42276	No
160	GOM_NL__2PRFIN20100401_122550_000000372088_00138_42276_2179.N1	01-APR-2010 12:25:50	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	42276	No

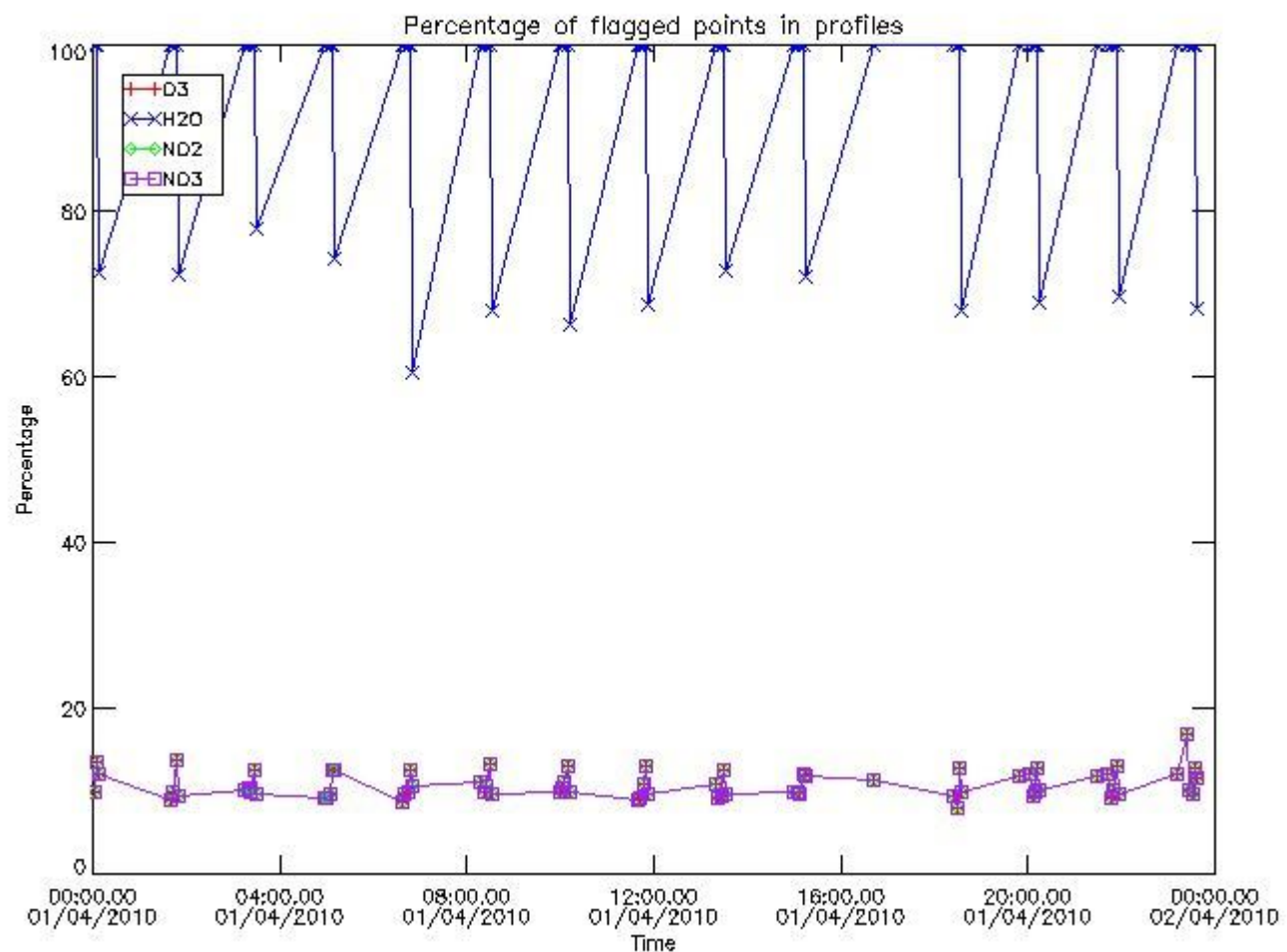
161	GOM_NL__2PRFIN20100401_122851_000000402088_00138_42276_2180.N1	01-APR-2010 12:28:51	Bright	39.500	87	64Gam UMa	2.4330	11000.	79	42276	No
162	GOM_NL__2PRFIN20100401_123041_000000392088_00138_42276_2181.N1	01-APR-2010 12:30:41	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	42276	No
163	GOM_NL__2PRFIN20100401_123700_000000412088_00138_42276_2182.N1	01-APR-2010 12:37:00	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42276	No
164	GOM_NL__2PRFIN20100401_124625_000000382088_00138_42276_2183.N1	01-APR-2010 12:46:25	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42276	No
165	GOM_NL__2PRFIN20100401_125122_000000562088_00138_42276_2184.N1	01-APR-2010 12:51:22	Bright	55.500	144	18Del Cyg	2.8600	11000.	111	42276	No
166	GOM_NL__2PRFIN20100401_125316_000000472088_00138_42276_2185.N1	01-APR-2010 12:53:16	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	42276	No
167	GOM_NL__2PRFIN20100401_125519_000000462088_00138_42276_2186.N1	01-APR-2010 12:55:19	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	42276	No
168	GOM_NL__2PRFIN20100401_131940_000000522088_00138_42276_2187.N1	01-APR-2010 13:19:40	Dark	52.000	57	34Sig Sgr	2.0660	26000.	104	42276	No
169	GOM_NL__2PRFIN20100401_132314_000000552088_00139_42277_2175.N1	01-APR-2010 13:23:14	Dark	55.000	38	20Eps Sgr	1.8360	11000.	110	42277	No
170	GOM_NL__2PRFIN20100401_132700_000000542088_00139_42277_2176.N1	01-APR-2010 13:27:00	Dark	54.000	40	The Sco	1.8590	7100.0	108	42277	No
171	GOM_NL__2PRFIN20100401_133039_000000412088_00139_42277_2177.N1	01-APR-2010 13:30:39	Dark	40.500	134	Bet TrA	2.8100	6600.0	81	42277	No
172	GOM_NL__2PRFIN20100401_133317_000000542088_00139_42277_2178.N1	01-APR-2010 13:33:17	Dark	53.500	4	Alp1Cen	-0.010000	5800.0	107	42277	No
173	GOM_NL__2PRFIN20100401_133602_000000452088_00139_42277_2179.N1	01-APR-2010 13:36:02	Straylight	45.000	78	Alp Lup	2.3040	28000.	90	42277	No
174	GOM_NL__2PRFIN20100401_133738_000000452088_00139_42277_2180.N1	01-APR-2010 13:37:38	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	42277	No
175	GOM_NL__2PRFIN20100401_134022_000000542088_00139_42277_2181.N1	01-APR-2010 13:40:22	Straylight	54.000	54	5The Cen	2.0550	4500.0	108	42277	No
176	GOM_NL__2PRFIN20100401_134621_000000452088_00139_42277_2182.N1	01-APR-2010 13:46:21	Twi_and_stray	45.000	106	9Bet Crv	2.6480	5600.0	90	42277	No
177	GOM_NL__2PRFIN20100401_134818_000000442088_00139_42277_2183.N1	01-APR-2010 13:48:18	Twi_and_stray	44.000	100	4Gam Crv	2.5800	13100.	88	42277	No
178	GOM_NL__2PRFIN20100401_135007_000000422088_00139_42277_2184.N1	01-APR-2010 13:50:07	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42277	No
179	GOM_NL__2PRFIN20100401_135322_000000462088_00139_42277_2185.N1	01-APR-2010 13:53:22	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	42277	No
180	GOM_NL__2PRFIN20100401_135800_000000382088_00139_42277_2186.N1	01-APR-2010 13:58:00	Bright	38.000	62	94Bet Leo	2.1360	9700.0	76	42277	No
181	GOM_NL__2PRFIN20100401_140626_000000352088_00139_42277_2187.N1	01-APR-2010 14:06:26	Bright	35.000	174	52Psi UMa	3.0040	4400.0	70	42277	No
182	GOM_NL__2PRFIN20100401_140927_000000382088_00139_42277_2188.N1	01-APR-2010 14:09:27	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	42277	No
183	GOM_NL__2PRFIN20100401_141117_000000412088_00139_42277_2189.N1	01-APR-2010 14:11:17	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	42277	No
184	GOM_NL__2PRFIN20100401_141736_000000382088_00139_42277_2190.N1	01-APR-2010 14:17:36	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42277	No
185	GOM_NL__2PRFIN20100401_142701_000000392088_00139_42277_2191.N1	01-APR-2010 14:27:01	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42277	No
186	GOM_NL__2PRFIN20100401_143158_000000452088_00139_42277_2192.N1	01-APR-2010 14:31:58	Bright	44.500	144	18Del Cyg	2.8600	11000.	89	42277	No
187	GOM_NL__2PRFIN20100401_143352_000000432088_00139_42277_2193.N1	01-APR-2010 14:33:52	Bright	42.500	66	37Gam Cyg	2.2080	5900.0	85	42277	No
188	GOM_NL__2PRFIN20100401_143554_000000452088_00139_42277_2194.N1	01-APR-2010 14:35:54	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	42277	No
189	GOM_NL__2PRFIN20100401_150017_000000522088_00139_42277_2195.N1	01-APR-2010 15:00:17	Dark	52.000	57	34Sig Sgr	2.0660	26000.	104	42277	No
190	GOM_NL__2PRFIN20100401_150351_000000522088_00140_42278_2183.N1	01-APR-2010 15:03:51	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	42278	No
191	GOM_NL__2PRFIN20100401_150737_000000542088_00140_42278_2184.N1	01-APR-2010 15:07:37	Dark	53.500	40	The Sco	1.8590	7100.0	107	42278	No
192	GOM_NL__2PRFIN20100401_151115_000000422088_00140_42278_2185.N1	01-APR-2010 15:11:15	Dark	42.000	134	Bet TrA	2.8100	6600.0	84	42278	No
193	GOM_NL__2PRFIN20100401_151353_000000442088_00140_42278_2186.N1	01-APR-2010 15:13:53	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	42278	No
194	GOM_NL__2PRFIN20100401_151639_000000432088_00140_42278_2187.N1	01-APR-2010 15:16:39	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42278	No
195	GOM_NL__2PRFIN20100401_151815_000000492088_00140_42278_2188.N1	01-APR-2010 15:18:15	Straylight	48.500	81	Eta Cen	2.3560	28000.	97	42278	No
196	GOM_NL__2PRFIN20100401_152059_000000512088_00140_42278_2189.N1	01-APR-2010 15:20:59	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	42278	No
197	GOM_NL__2PRFIN20100401_152657_000000442088_00140_42278_2190.N1	01-APR-2010 15:26:57	Twi_and_stray	43.500	106	9Bet Crv	2.6480	5600.0	87	42278	No
198	GOM_NL__2PRFIN20100401_152854_000000442088_00140_42278_2191.N1	01-APR-2010 15:28:54	Twi_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42278	No
199	GOM_NL__2PRFIN20100401_153044_000000482088_00140_42278_2192.N1	01-APR-2010 15:30:44	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	42278	No
200	GOM_NL__2PRFIN20100401_153358_000000442088_00140_42278_2193.N1	01-APR-2010 15:33:58	Bright	43.500	121	29Gam Vir	2.7400	7200.0	87	42278	No
201	GOM_NL__2PRFIN20100401_153835_000000392088_00140_42278_2194.N1	01-APR-2010 15:38:35	Bright	39.000	62	94Bet Leo	2.1360	9700.0	78	42278	No
202	GOM_NL__2PRFIN20100401_154701_000000372088_00140_42278_2195.N1	01-APR-2010 15:47:01	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	42278	No
203	GOM_NL__2PRFIN20100401_155002_000000372088_00140_42278_2196.N1	01-APR-2010 15:50:02	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42278	No
204	GOM_NL__2PRFIN20100401_155153_000000382088_00140_42278_2197.N1	01-APR-2010 15:51:53	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	42278	No
205	GOM_NL__2PRFIN20100401_155811_000000442088_00140_42278_2198.N1	01-APR-2010 15:58:11	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	42278	No
206	GOM_NL__2PRFIN20100401_160737_000000392088_00140_42278_2199.N1	01-APR-2010 16:07:37	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42278	No
207	GOM_NL__2PRFIN20100401_161234_000000452088_00140_42278_2200.N1	01-APR-2010 16:12:34	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	42278	No
208	GOM_NL__2PRFIN20100401_161428_000000462088_00140_42278_2201.N1	01-APR-2010 16:14:28	Bright	45.500	66	37Gam Cyg	2.2080	5900.0	91	42278	No
209	GOM_NL__2PRFIN20100401_161631_000000452088_00140_42278_2202.N1	01-APR-2010 16:16:31	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	42278	No
210	GOM_NL__2PRFIN20100401_164055_000000492088_00140_42278_2203.N1	01-APR-2010 16:40:55	Dark	48.500	57	34Sig Sgr	2.0660	26000.	97	42278	No
211	GOM_NL__2PRFIN20100401_182506_000000542088_00142_42280_2200.N1	01-APR-2010 18:25:06	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	42280	No
212	GOM_NL__2PRFIN20100401_182852_000000642088_00142_42280_2201.N1	01-APR-2010 18:28:52	Dark	63.500	40	The Sco	1.8590	7100.0	127	42280	No
213	GOM_NL__2PRFIN20100401_183228_000000402088_00142_42280_2202.N1	01-APR-2010 18:32:28	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	42280	No
214	GOM_NL__2PRFIN20100401_183506_000000522088_00142_42280_2203.N1	01-APR-2010 18:35:06	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	42280	No
215	GOM_NL__2PRFIN20100401_183752_000000462088_00142_42280_2204.N1	01-APR-2010 18:37:52	Straylight	45.500	78	Alp Lup	2.3040	28000.	91	42280	No
216	GOM_NL__2PRFIN20100401_183928_000000482088_00142_42280_2205.N1	01-APR-2010 18:39:28	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	42280	No
217	GOM_NL__2PRFIN20100401_184212_000000562088_00142_42280_2206.N1	01-APR-2010 18:42:12	Straylight	55.500	54	5The Cen	2.0550	4500.0	111	42280	No
218	GOM_NL__2PRFIN20100401_184810_000000462088_00142_42280_2207.N1	01-APR-2010 18:48:10	Twi_and_stray	46.000	106	9Bet Crv	2.6480	5600.0	92	42280	No
219	GOM_NL__2PRFIN20100401_185007_000000432088_00142_42280_2208.N1	01-APR-2010 18:50:07	Twi_and_stray	43.000	100	4Gam Crv	2.5800	13100.	86	42280	No

279	GOM_NL__2PRFIN20100401_232323_000000362088_00144_42282_2258.N1	01-APR-2010 23:23:23	Dark	36.000	57	34Sig Sgr	2.0660	26000.	72	42282	No
280	GOM_NL__2PRFIN20100401_232658_000000552088_00145_42283_2244.N1	01-APR-2010 23:26:58	Dark	55.000	38	20Eps Sgr	1.8360	11000.	110	42283	No
281	GOM_NL__2PRFIN20100401_233043_000000532088_00145_42283_2245.N1	01-APR-2010 23:30:43	Dark	52.500	40	The Sco	1.8590	7100.0	105	42283	No
282	GOM_NL__2PRFIN20100401_233417_000000402088_00145_42283_2246.N1	01-APR-2010 23:34:17	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	42283	No
283	GOM_NL__2PRFIN20100401_233655_000000452088_00145_42283_2247.N1	01-APR-2010 23:36:55	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	42283	No
284	GOM_NL__2PRFIN20100401_233941_000000462088_00145_42283_2248.N1	01-APR-2010 23:39:41	Straylight	46.000	78	Alp Lup	2.3040	28000.	92	42283	No
285	GOM_NL__2PRFIN20100401_234118_000000472088_00145_42283_2249.N1	01-APR-2010 23:41:18	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42283	No
286	GOM_NL__2PRFIN20100401_234401_000000542088_00145_42283_2250.N1	01-APR-2010 23:44:01	Straylight	53.500	54	5The Cen	2.0550	4500.0	107	42283	No
287	GOM_NL__2PRFIN20100401_234958_000000462088_00145_42283_2251.N1	01-APR-2010 23:49:58	Twi_and_stray	45.500	106	9Bet Crv	2.6480	5600.0	91	42283	No
288	GOM_NL__2PRFIN20100401_235155_000000452088_00145_42283_2252.N1	01-APR-2010 23:51:55	Twi_and_stray	44.500	100	4Gam Crv	2.5800	13100.	89	42283	No
289	GOM_NL__2PRFIN20100401_235343_000000602088_00145_42283_2253.N1	01-APR-2010 23:53:43	Bright	60.000	15	67Alp Vir	0.97600	28000.	120	42283	No
290	GOM_NL__2PRFIN20100401_235657_000000452088_00145_42283_2254.N1	01-APR-2010 23:56:57	Bright	45.000	121	29Gam Vir	2.7400	7200.0	90	42283	No

3. Quality information per product

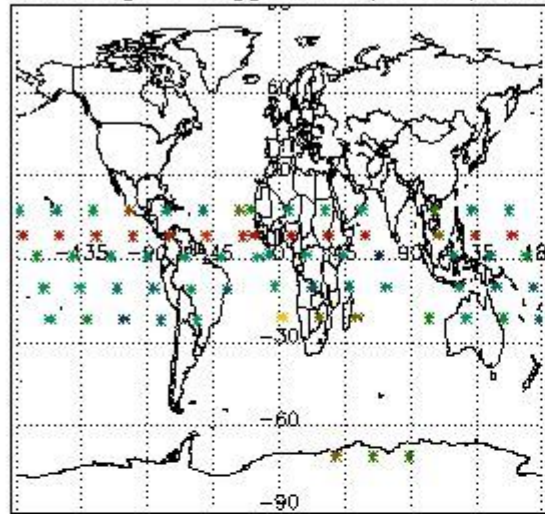
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

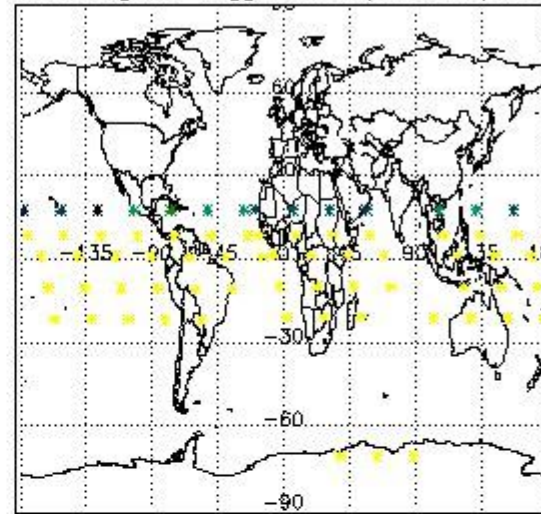


3.2 Plot quality information per product (world map)

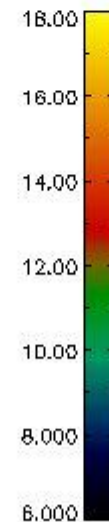
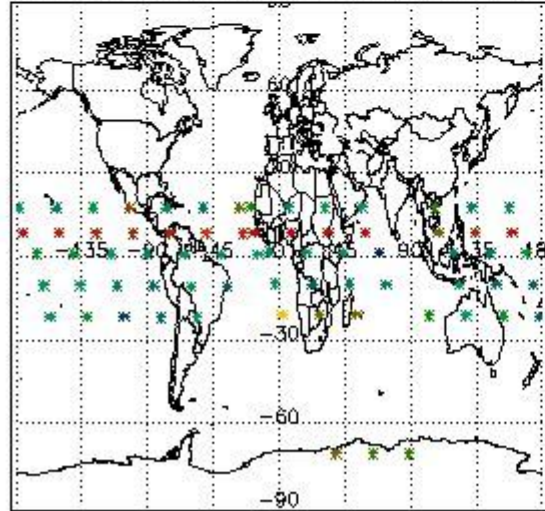
Percentage of flagged data per O3 profile



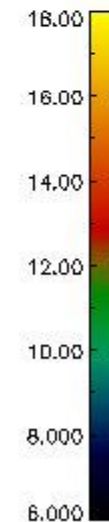
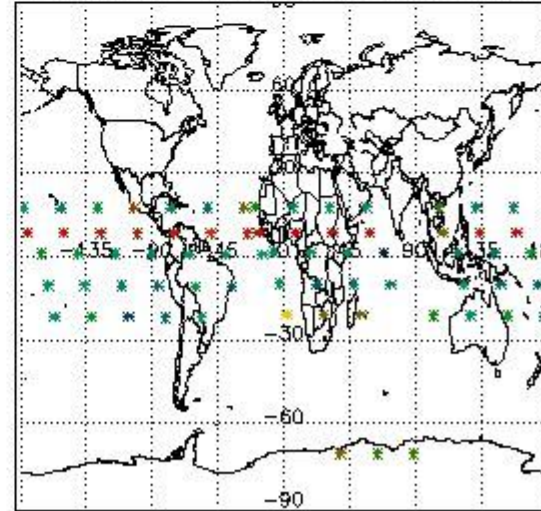
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

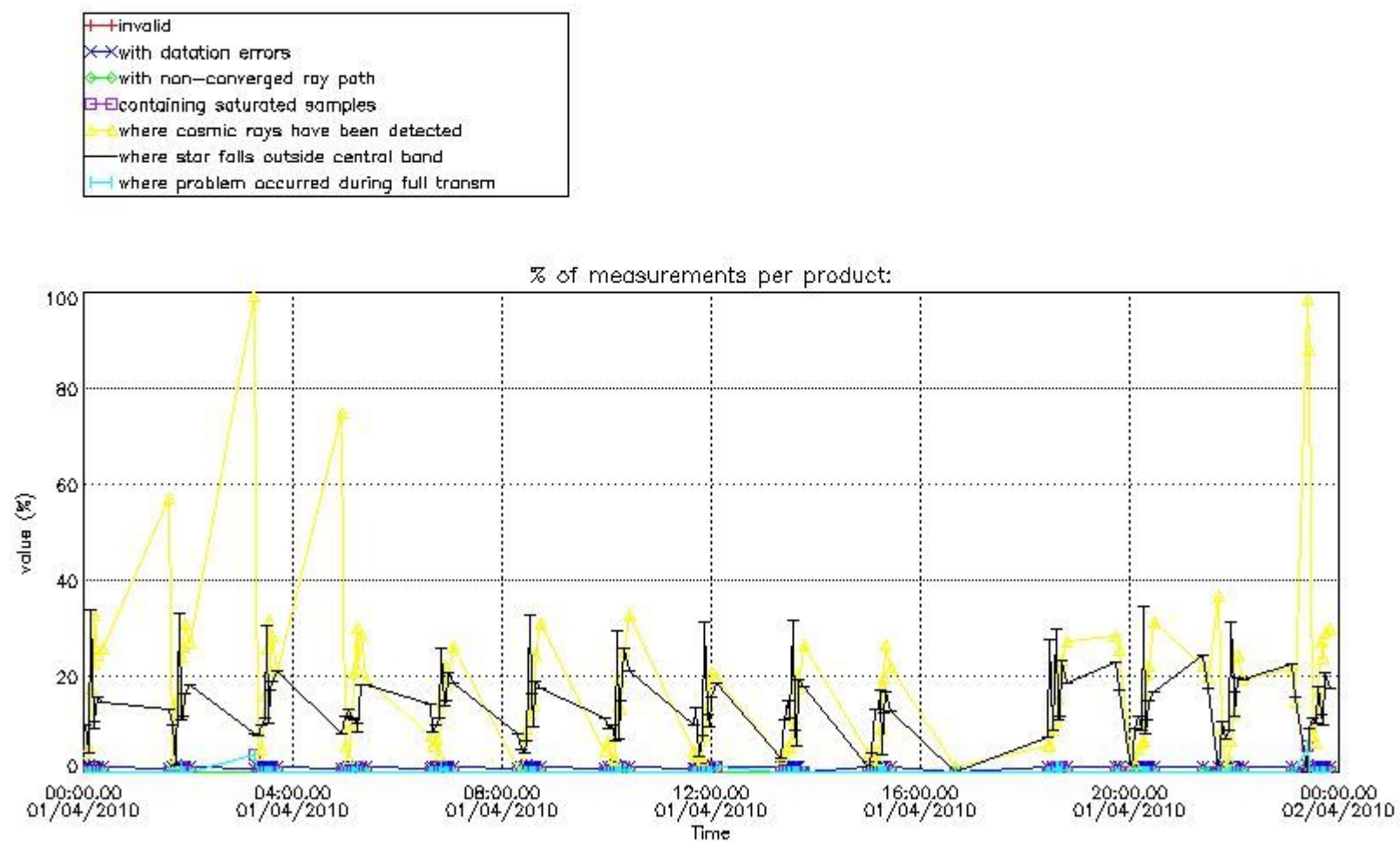


4. Level 1 quality information per product

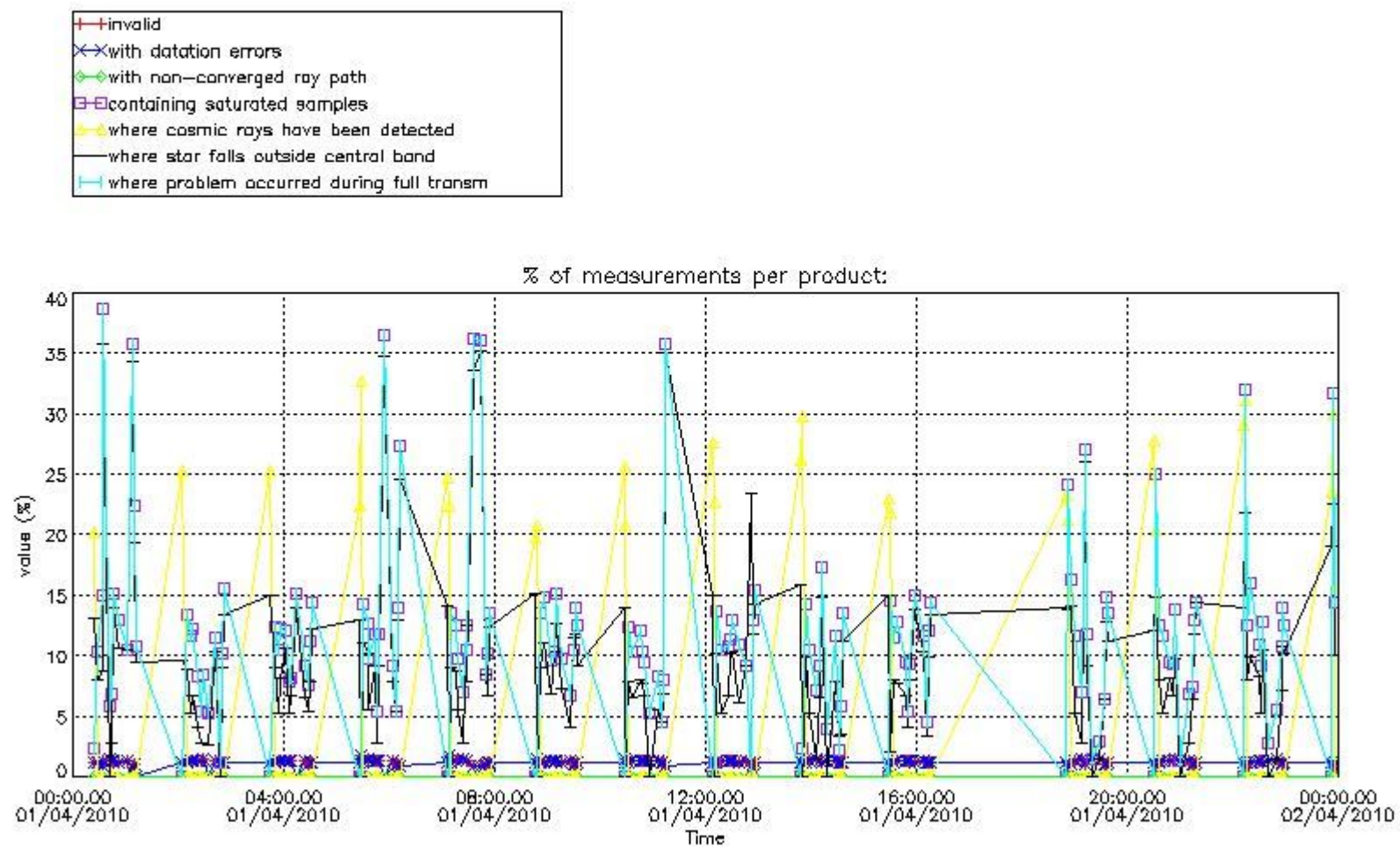
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

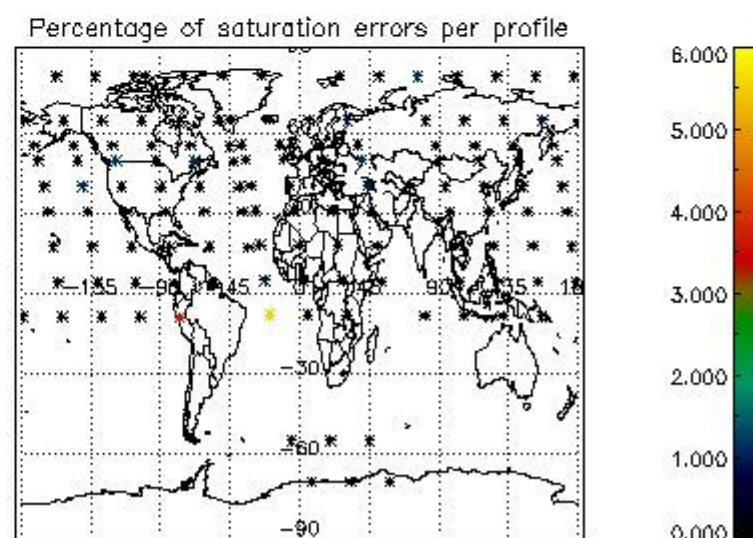
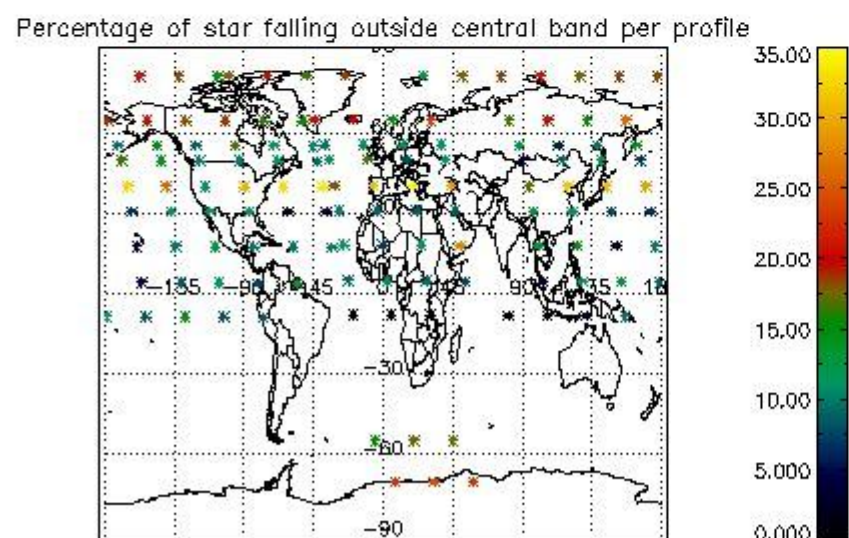
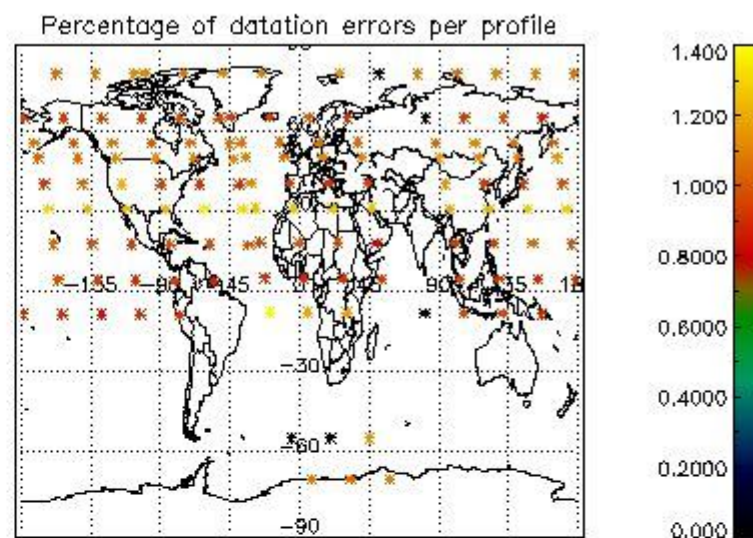
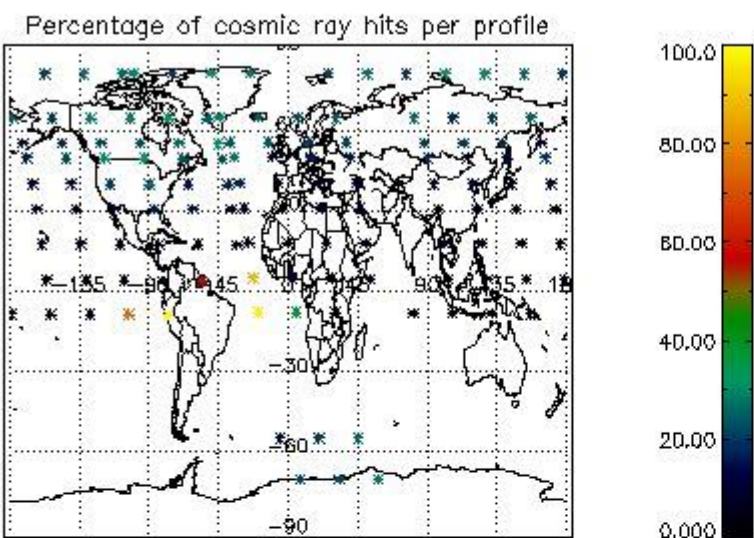


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

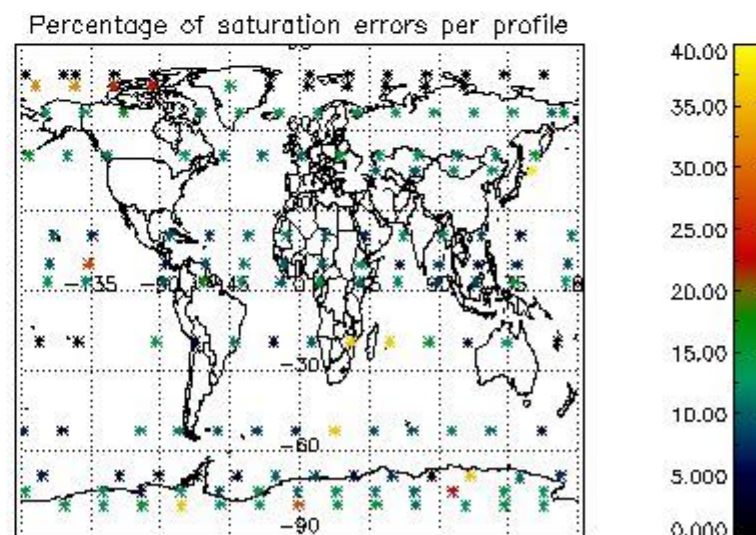
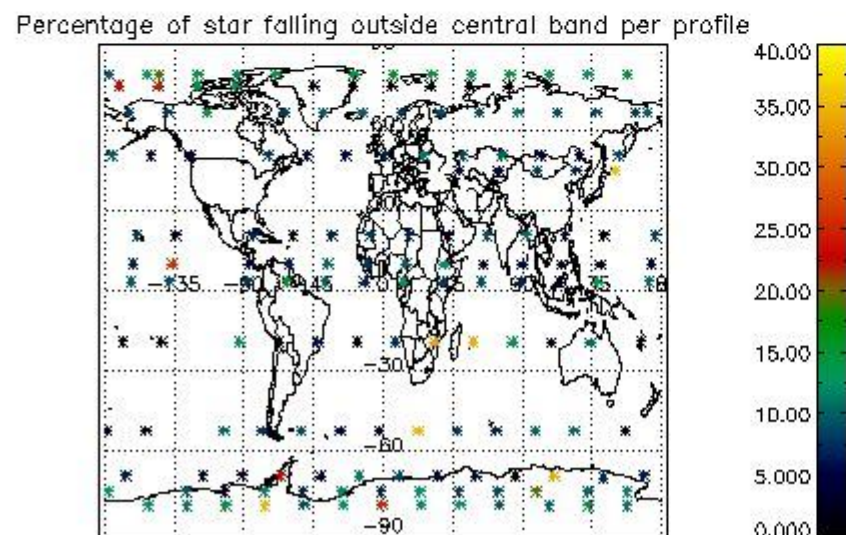
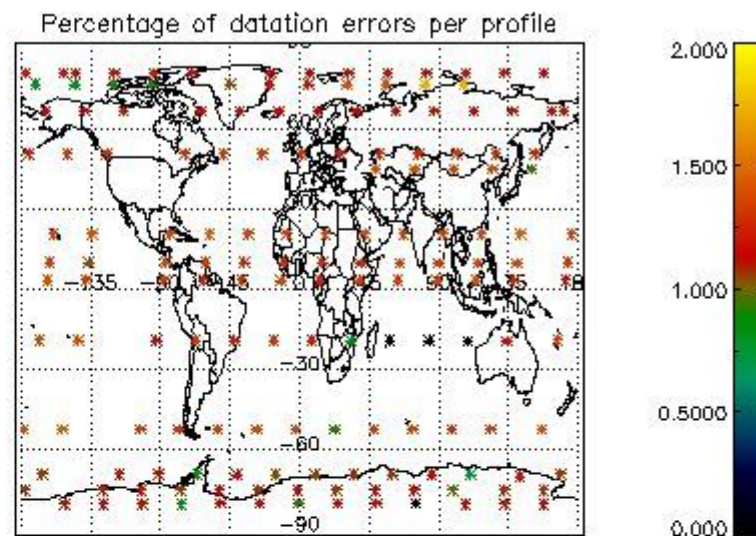
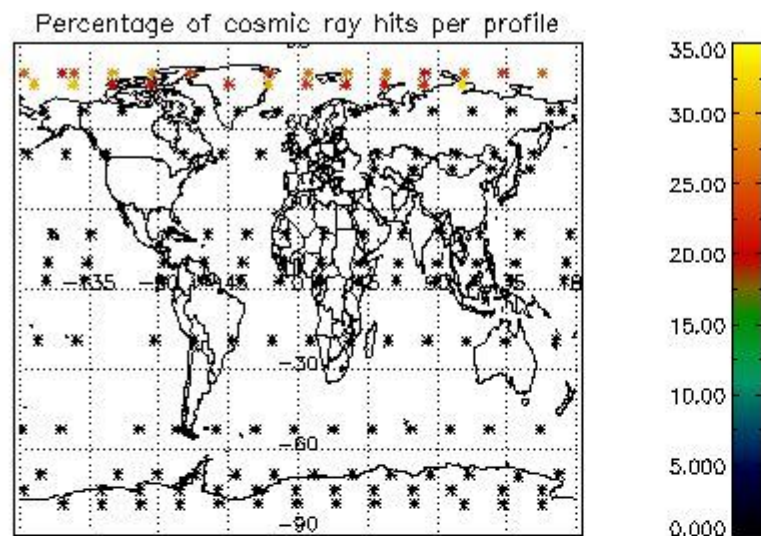


4.2 Plot quality information per product coming from level 1b processing (world map)

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

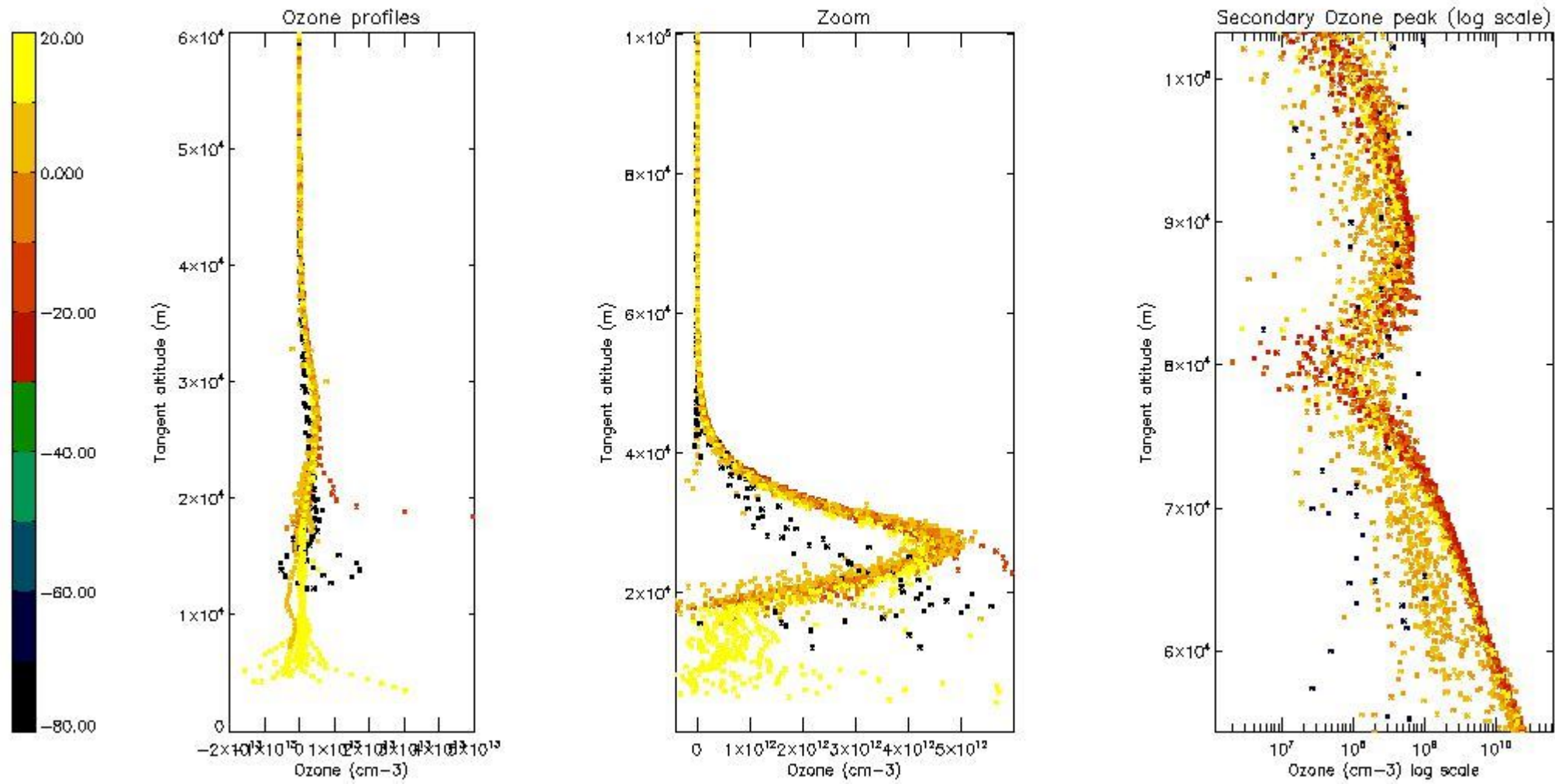
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	14

STD < 10	11
STD < 5	7

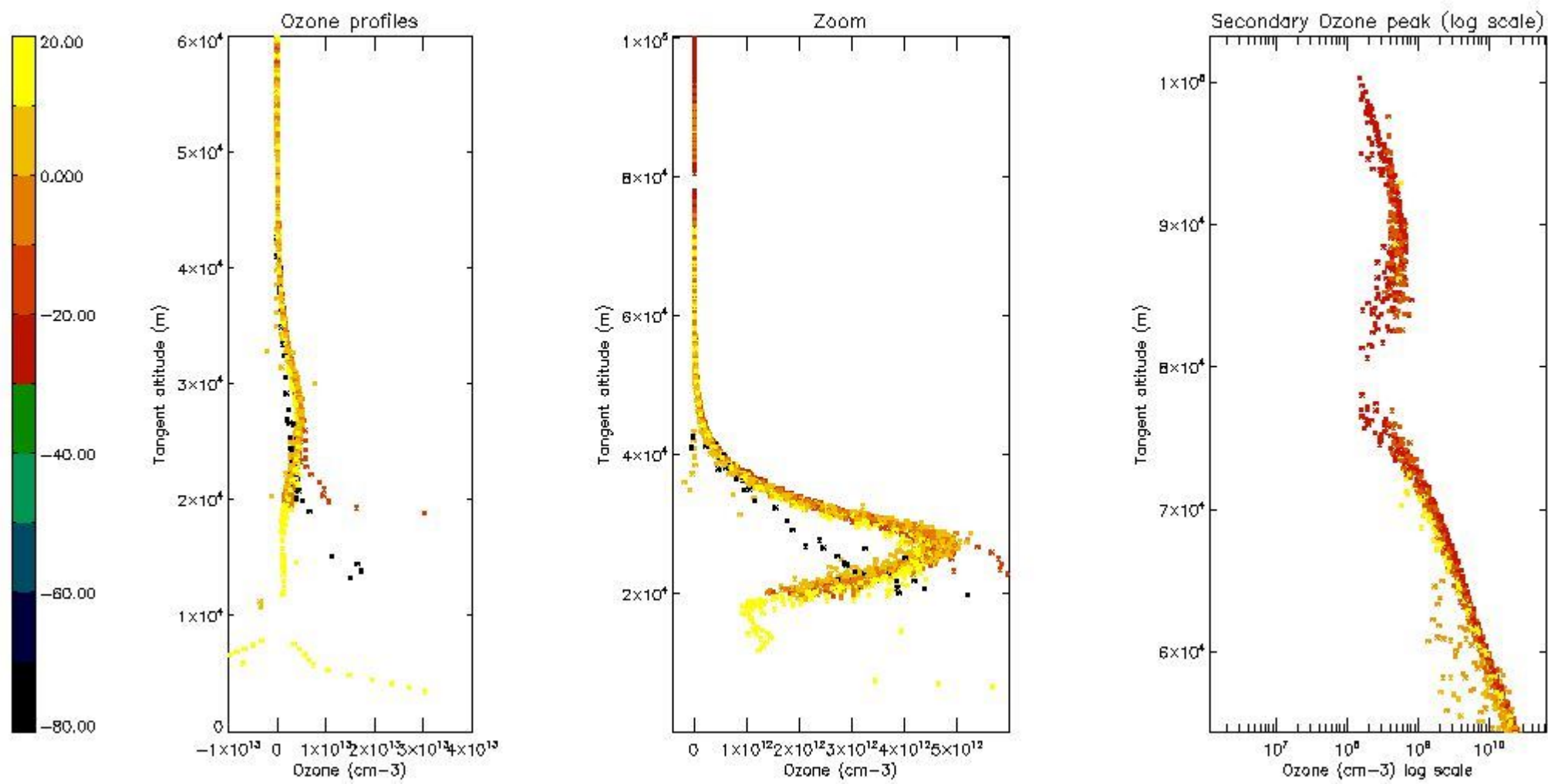
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



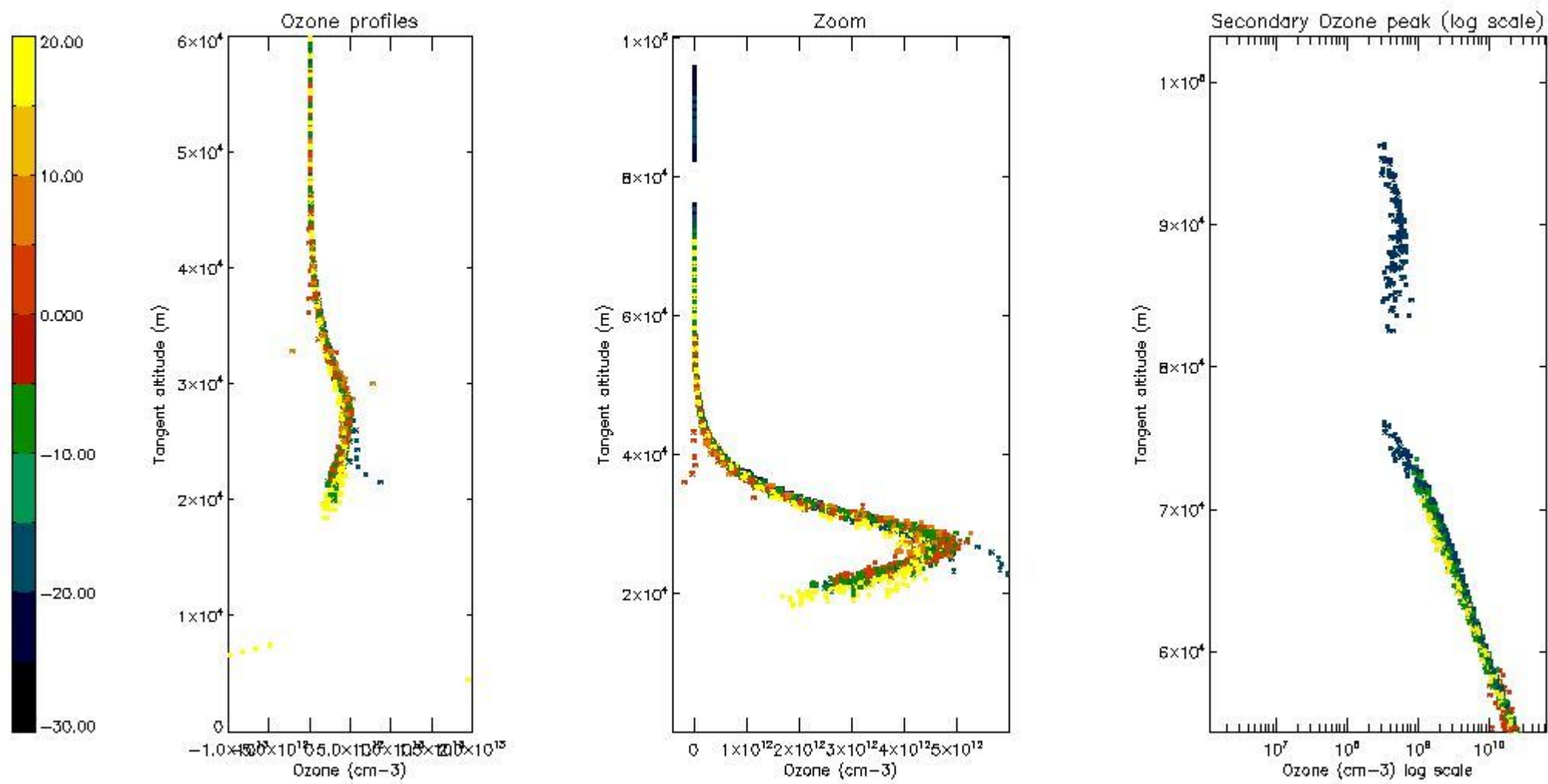
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



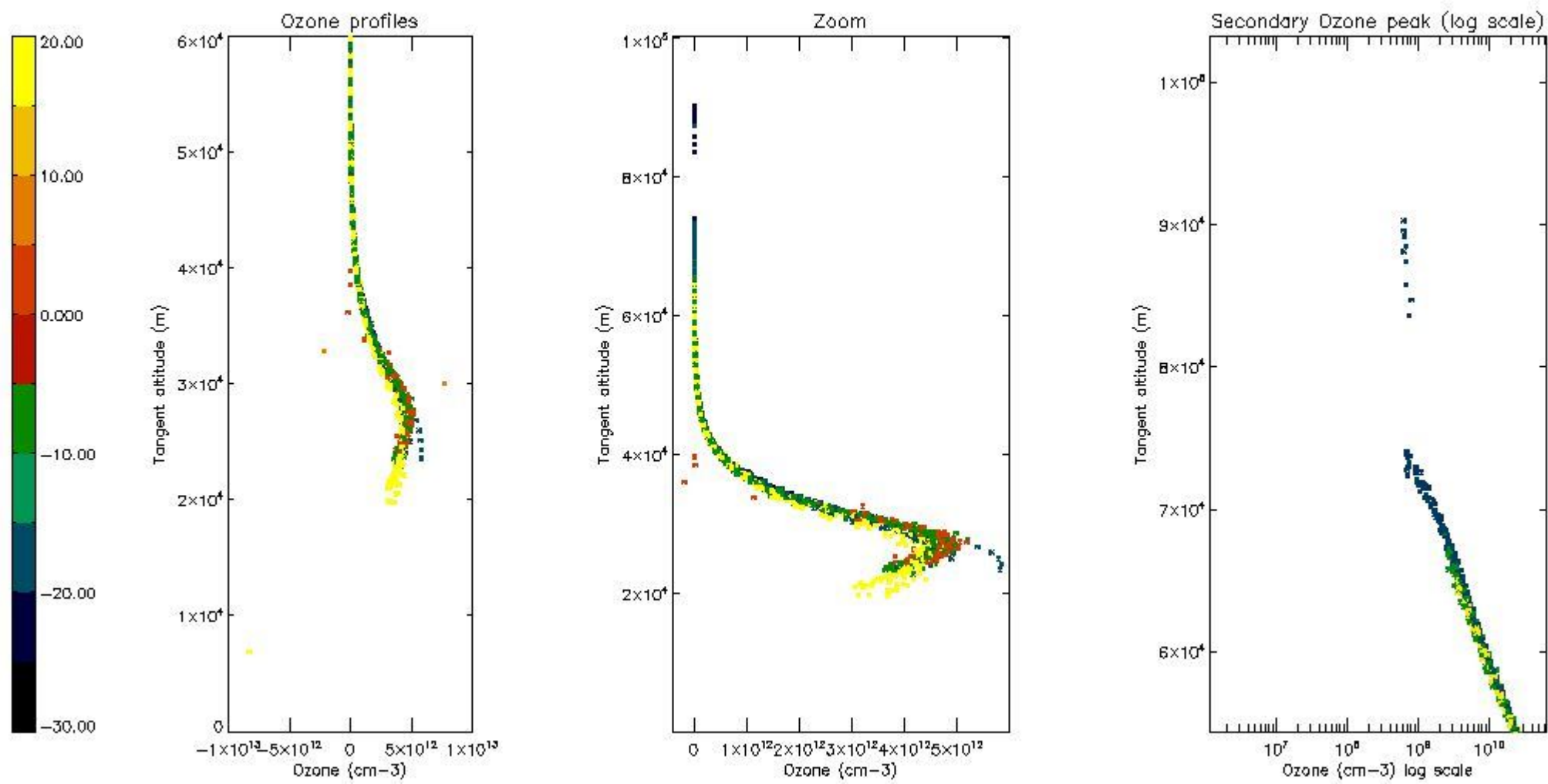
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



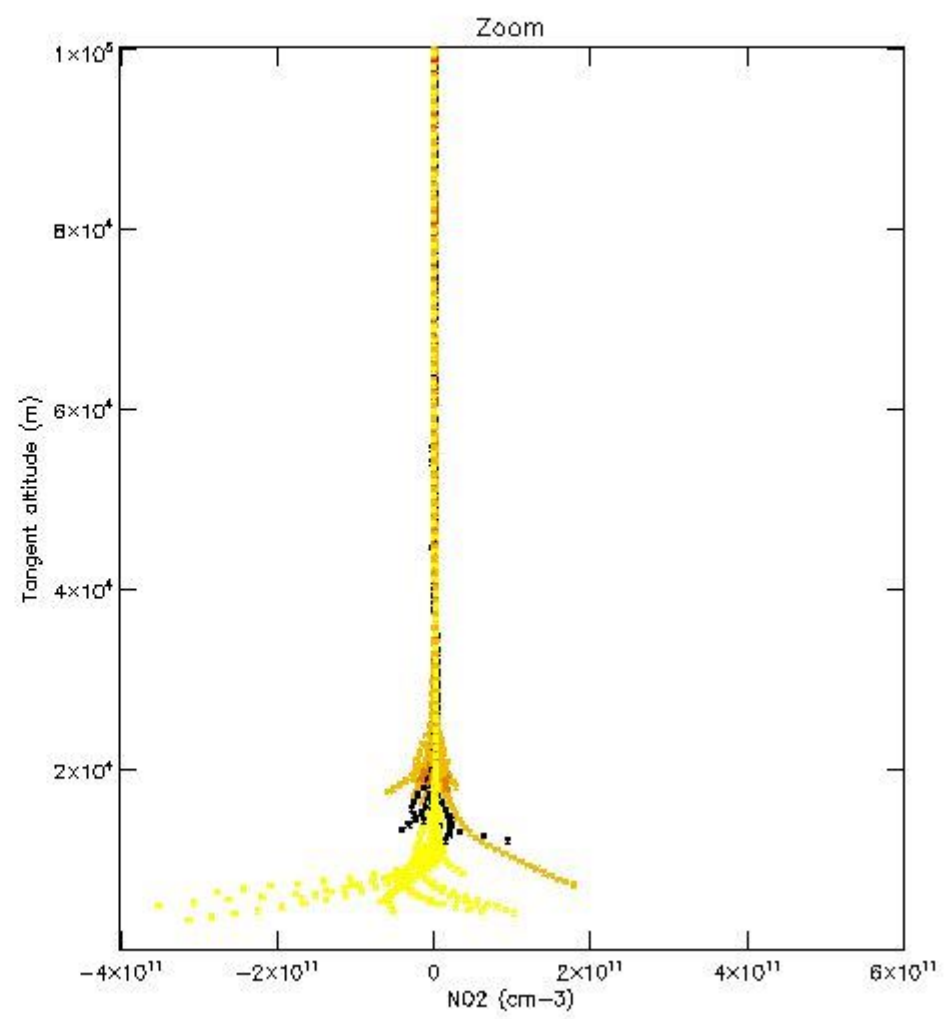
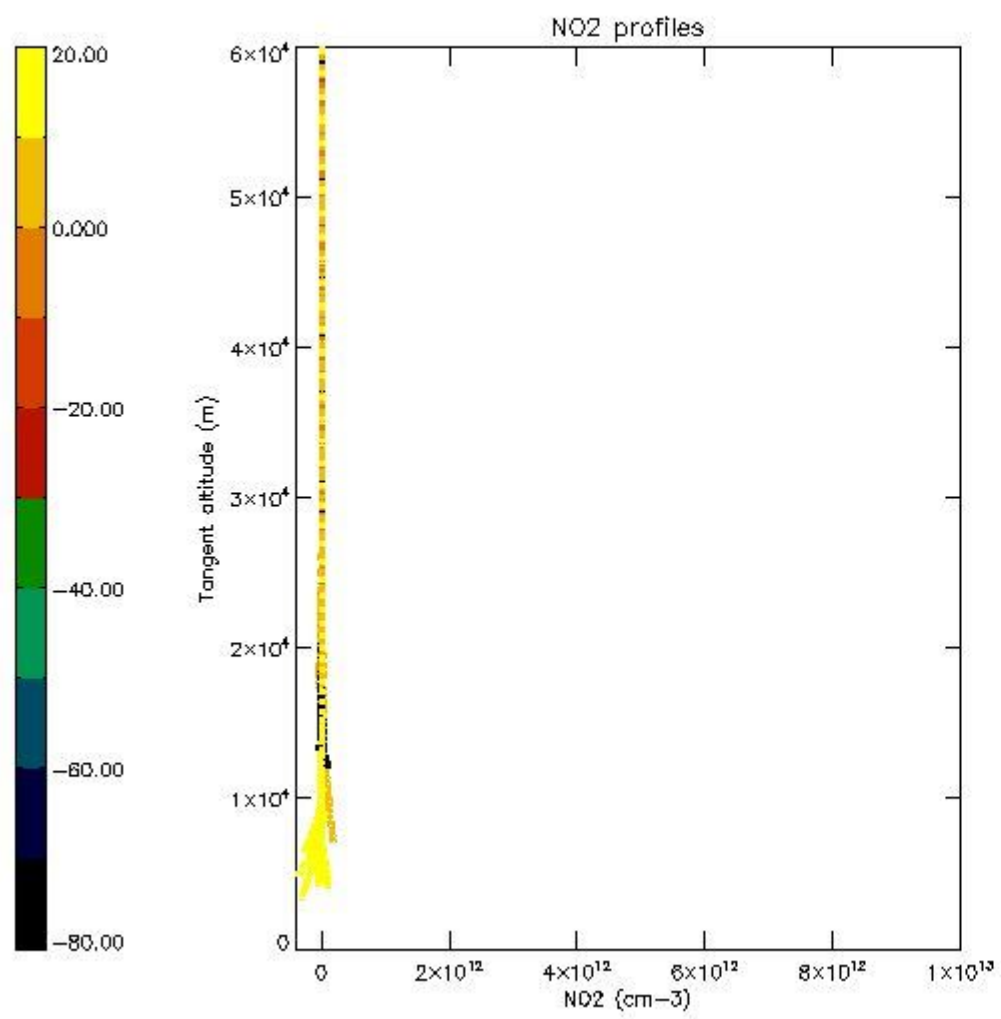
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



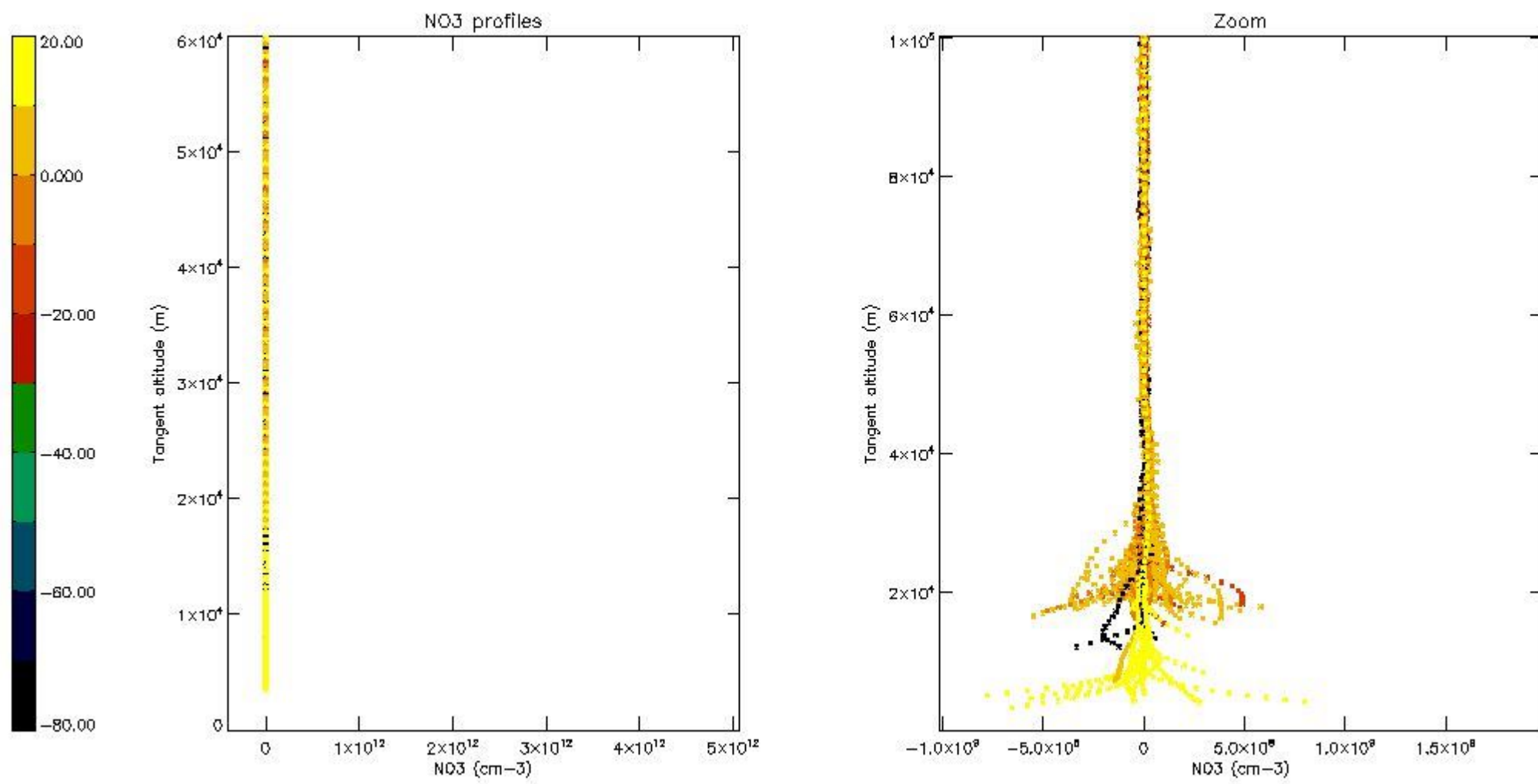
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



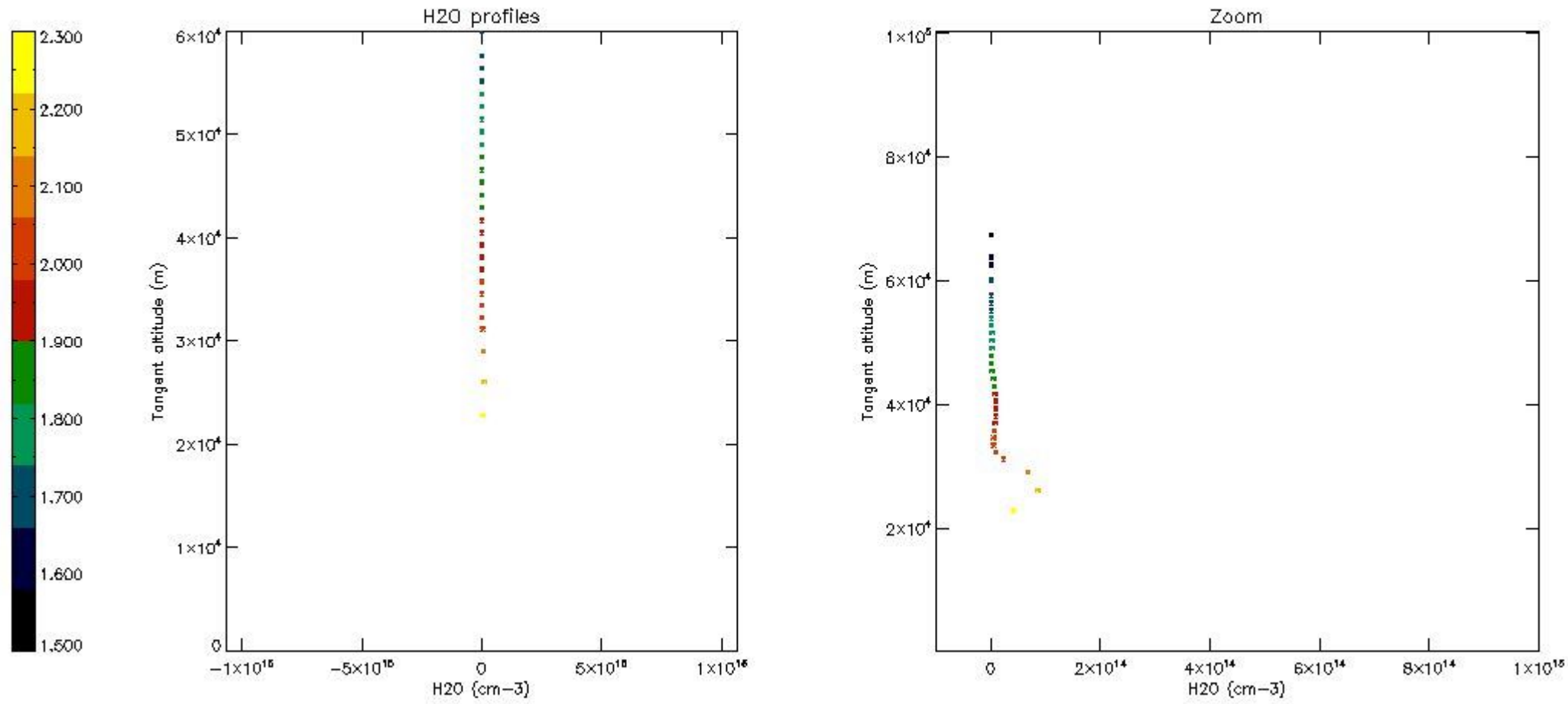
5.7 Plot NO3 profiles for all STD (dark without errors)

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	01-APR-2010 00:02:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-APR-2010 00:02:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-APR-2010 00:02:04

GOMOS Level 2 Daily Report

SUMMARY

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[4. Level 1 Quality information per product \(stored on level 2 products\)](#)

[4.1 Plot of level 1 quality information per product \(time dependant\)](#)

[4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

[4.1.2 Plot of level 1 quality information per product \(time dependant\): DESCENDING](#)

[4.2 Plot of level 1 quality information per product \(world map\)](#)

[4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

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[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

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

[6. Auxiliary Data Files used for the production reported in section 2](#)

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	29APR2013 09:11:43
Data source version	GOMOS/6.01
Start time of products	01-04-2010 (01APR2010 00:00:00)
Stop time of products	02-04-2010 (02APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	290
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__2PRFIN20100401_000204_000000512088_00131_42269_2342.N1	01-APR-2010 00:02:04	Dark	51.000	40	The Sco	1.8590	7100.0	102	42269	No
2	GOM_NL__2PRFIN20100401_000547_000000382088_00131_42269_2343.N1	01-APR-2010 00:05:47	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	42269	No
3	GOM_NL__2PRFIN20100401_000826_000000552088_00131_42269_2344.N1	01-APR-2010 00:08:26	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	42269	No
4	GOM_NL__2PRFIN20100401_001110_000000452088_00131_42269_2345.N1	01-APR-2010 00:11:10	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42269	No
5	GOM_NL__2PRFIN20100401_001246_000000482088_00131_42269_2346.N1	01-APR-2010 00:12:46	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	42269	No
6	GOM_NL__2PRFIN20100401_001531_000000522088_00131_42269_2347.N1	01-APR-2010 00:15:31	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42269	No
7	GOM_NL__2PRFIN20100401_002132_000000452088_00131_42269_2348.N1	01-APR-2010 00:21:32	Tw_i_and_stray	44.500	106	9Bet Crv	2.6480	5600.0	89	42269	No
8	GOM_NL__2PRFIN20100401_002330_000000422088_00131_42269_2349.N1	01-APR-2010 00:23:30	Tw_i_and_stray	42.000	100	4Gam Crv	2.5800	13100.	84	42269	No
9	GOM_NL__2PRFIN20100401_002835_000000442088_00131_42269_2350.N1	01-APR-2010 00:28:35	Bright	43.500	121	29Gam Vir	2.7400	7200.0	87	42269	No
10	GOM_NL__2PRFIN20100401_003313_000000402088_00131_42269_2351.N1	01-APR-2010 00:33:13	Bright	40.000	62	94Bet Leo	2.1360	9700.0	80	42269	No
11	GOM_NL__2PRFIN20100401_003449_000000532088_00131_42269_2352.N1	01-APR-2010 00:34:49	Bright	53.000	96	68Del Leo	2.5600	9300.0	106	42269	No
12	GOM_NL__2PRFIN20100401_004139_000000352088_00131_42269_2353.N1	01-APR-2010 00:41:39	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	42269	No
13	GOM_NL__2PRFIN20100401_004441_000000372088_00131_42269_2354.N1	01-APR-2010 00:44:41	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42269	No
14	GOM_NL__2PRFIN20100401_004630_000000402088_00131_42269_2355.N1	01-APR-2010 00:46:30	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	42269	No
15	GOM_NL__2PRFIN20100401_005251_000000432088_00131_42269_2356.N1	01-APR-2010 00:52:51	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	42269	No
16	GOM_NL__2PRFIN20100401_010215_000000382088_00131_42269_2357.N1	01-APR-2010 01:02:15	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42269	No
17	GOM_NL__2PRFIN20100401_010712_000000672088_00131_42269_2358.N1	01-APR-2010 01:07:12	Bright	67.000	144	18Del Cyg	2.8600	11000.	134	42269	No
18	GOM_NL__2PRFIN20100401_010905_000000522088_00131_42269_2359.N1	01-APR-2010 01:09:05	Bright	51.500	66	37Gam Cyg	2.2080	5900.0	103	42269	No
19	GOM_NL__2PRFIN20100401_011106_000000422088_00131_42269_2360.N1	01-APR-2010 01:11:06	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	42269	No
20	GOM_NL__2PRFIN20100401_013853_000000572088_00132_42270_2119.N1	01-APR-2010 01:38:53	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	42270	No
21	GOM_NL__2PRFIN20100401_014241_000000522088_00132_42270_2120.N1	01-APR-2010 01:42:41	Dark	51.500	40	The Sco	1.8590	7100.0	103	42270	No
22	GOM_NL__2PRFIN20100401_014623_000000372088_00132_42270_2121.N1	01-APR-2010 01:46:23	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	42270	No
23	GOM_NL__2PRFIN20100401_014902_000000552088_00132_42270_2122.N1	01-APR-2010 01:49:02	Dark	54.500	4	Alp1Cen	-0.010000	5800.0	109	42270	No
24	GOM_NL__2PRFIN20100401_015146_000000462088_00132_42270_2123.N1	01-APR-2010 01:51:46	Straylight	45.500	78	Alp Lup	2.3040	28000.	91	42270	No
25	GOM_NL__2PRFIN20100401_015323_000000482088_00132_42270_2124.N1	01-APR-2010 01:53:23	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	42270	No
26	GOM_NL__2PRFIN20100401_015607_000000522088_00132_42270_2125.N1	01-APR-2010 01:56:07	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	42270	No
27	GOM_NL__2PRFIN20100401_020208_000000472088_00132_42270_2126.N1	01-APR-2010 02:02:08	Tw_i_and_stray	46.500	106	9Bet Crv	2.6480	5600.0	93	42270	No
28	GOM_NL__2PRFIN20100401_020406_000000422088_00132_42270_2127.N1	01-APR-2010 02:04:06	Tw_i_and_stray	41.500	100	4Gam Crv	2.5800	13100.	83	42270	No
29	GOM_NL__2PRFIN20100401_020911_000000452088_00132_42270_2128.N1	01-APR-2010 02:09:11	Bright	45.000	121	29Gam Vir	2.7400	7200.0	90	42270	No
30	GOM_NL__2PRFIN20100401_021349_000000392088_00132_42270_2129.N1	01-APR-2010 02:13:49	Bright	38.500	62	94Bet Leo	2.1360	9700.0	77	42270	No
31	GOM_NL__2PRFIN20100401_021525_000000372088_00132_42270_2130.N1	01-APR-2010 02:15:25	Bright	37.000	96	68Del Leo	2.5600	9300.0	74	42270	No
32	GOM_NL__2PRFIN20100401_022215_000000372088_00132_42270_2131.N1	01-APR-2010 02:22:15	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	42270	No
33	GOM_NL__2PRFIN20100401_022517_000000372088_00132_42270_2132.N1	01-APR-2010 02:25:17	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42270	No
34	GOM_NL__2PRFIN20100401_022706_000000362088_00132_42270_2133.N1	01-APR-2010 02:27:06	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	42270	No
35	GOM_NL__2PRFIN20100401_023326_000000382088_00132_42270_2134.N1	01-APR-2010 02:33:26	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42270	No
36	GOM_NL__2PRFIN20100401_024250_000000392088_00132_42270_2135.N1	01-APR-2010 02:42:50	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42270	No
37	GOM_NL__2PRFIN20100401_024748_000000442088_00132_42270_2136.N1	01-APR-2010 02:47:48	Bright	43.500	144	18Del Cyg	2.8600	11000.	87	42270	No
38	GOM_NL__2PRFIN20100401_024941_000000452088_00132_42270_2137.N1	01-APR-2010 02:49:41	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	42270	No
39	GOM_NL__2PRFIN20100401_025142_000000452088_00132_42270_2138.N1	01-APR-2010 02:51:42	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	42270	No
40	GOM_NL__2PRFIN20100401_031556_000000562088_00132_42270_2139.N1	01-APR-2010 03:15:56	Dark	55.500	57	34Sig Sgr	2.0660	26000.	111	42270	No
41	GOM_NL__2PRFIN20100401_031930_000000542088_00133_42271_2127.N1	01-APR-2010 03:19:30	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	42271	No
42	GOM_NL__2PRFIN20100401_032318_000000522088_00133_42271_2128.N1	01-APR-2010 03:23:18	Dark	51.500	40	The Sco	1.8590	7100.0	103	42271	No

43	GOM_NL__2PRFIN20100401_032700_000000412088_00133_42271_2129.N1	01-APR-2010 03:27:00	Dark	40.500	134	Bet TrA	2.8100	6600.0	81	42271	No
44	GOM_NL__2PRFIN20100401_032938_000000532088_00133_42271_2130.N1	01-APR-2010 03:29:38	Dark	52.500	4	Alp1Cen	-0.010000	5800.0	105	42271	No
45	GOM_NL__2PRFIN20100401_033223_000000452088_00133_42271_2131.N1	01-APR-2010 03:32:23	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42271	No
46	GOM_NL__2PRFIN20100401_033359_000000502088_00133_42271_2132.N1	01-APR-2010 03:33:59	Straylight	50.000	81	Eta Cen	2.3560	28000.	100	42271	No
47	GOM_NL__2PRFIN20100401_033644_000000532088_00133_42271_2133.N1	01-APR-2010 03:36:44	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	42271	No
48	GOM_NL__2PRFIN20100401_034244_000000482088_00133_42271_2134.N1	01-APR-2010 03:42:44	Twi_and_stray	47.500	106	9Bet Crv	2.6480	5600.0	95	42271	No
49	GOM_NL__2PRFIN20100401_034442_000000442088_00133_42271_2135.N1	01-APR-2010 03:44:42	Twi_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42271	No
50	GOM_NL__2PRFIN20100401_034947_000000452088_00133_42271_2136.N1	01-APR-2010 03:49:47	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	42271	No
51	GOM_NL__2PRFIN20100401_035425_000000382088_00133_42271_2137.N1	01-APR-2010 03:54:25	Bright	38.000	62	94Bet Leo	2.1360	9700.0	76	42271	No
52	GOM_NL__2PRFIN20100401_035601_000000372088_00133_42271_2138.N1	01-APR-2010 03:56:01	Bright	37.000	96	68Del Leo	2.5600	9300.0	74	42271	No
53	GOM_NL__2PRFIN20100401_040250_000000382088_00133_42271_2139.N1	01-APR-2010 04:02:50	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	42271	No
54	GOM_NL__2PRFIN20100401_040552_000000382088_00133_42271_2140.N1	01-APR-2010 04:05:52	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	42271	No
55	GOM_NL__2PRFIN20100401_040742_000000372088_00133_42271_2141.N1	01-APR-2010 04:07:42	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	42271	No
56	GOM_NL__2PRFIN20100401_041402_000000432088_00133_42271_2142.N1	01-APR-2010 04:14:02	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	42271	No
57	GOM_NL__2PRFIN20100401_042326_000000382088_00133_42271_2143.N1	01-APR-2010 04:23:26	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42271	No
58	GOM_NL__2PRFIN20100401_042824_000000472088_00133_42271_2144.N1	01-APR-2010 04:28:24	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	42271	No
59	GOM_NL__2PRFIN20100401_043017_000000452088_00133_42271_2145.N1	01-APR-2010 04:30:17	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	42271	No
60	GOM_NL__2PRFIN20100401_043218_000000452088_00133_42271_2146.N1	01-APR-2010 04:32:18	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	42271	No
61	GOM_NL__2PRFIN20100401_045633_000000562088_00133_42271_2147.N1	01-APR-2010 04:56:33	Dark	55.500	57	34Sig Sgr	2.0660	26000.	111	42271	No
62	GOM_NL__2PRFIN20100401_050008_000000562088_00134_42272_2135.N1	01-APR-2010 05:00:08	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	42272	No
63	GOM_NL__2PRFIN20100401_050356_000000532088_00134_42272_2136.N1	01-APR-2010 05:03:56	Dark	53.000	40	The Sco	1.8590	7100.0	106	42272	No
64	GOM_NL__2PRFIN20100401_050736_000000412088_00134_42272_2137.N1	01-APR-2010 05:07:36	Dark	40.500	134	Bet TrA	2.8100	6600.0	81	42272	No
65	GOM_NL__2PRFIN20100401_051015_000000412088_00134_42272_2138.N1	01-APR-2010 05:10:15	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	42272	No
66	GOM_NL__2PRFIN20100401_051300_000000452088_00134_42272_2139.N1	01-APR-2010 05:13:00	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42272	No
67	GOM_NL__2PRFIN20100401_051436_000000472088_00134_42272_2140.N1	01-APR-2010 05:14:36	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	42272	No
68	GOM_NL__2PRFIN20100401_051720_000000532088_00134_42272_2141.N1	01-APR-2010 05:17:20	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	42272	No
69	GOM_NL__2PRFIN20100401_052320_000000472088_00134_42272_2142.N1	01-APR-2010 05:23:20	Twi_and_stray	46.500	106	9Bet Crv	2.6480	5600.0	93	42272	No
70	GOM_NL__2PRFIN20100401_052518_000000432088_00134_42272_2143.N1	01-APR-2010 05:25:18	Twi_and_stray	42.500	100	4Gam Crv	2.5800	13100.	85	42272	No
71	GOM_NL__2PRFIN20100401_052708_000000292088_00134_42272_2144.N1	01-APR-2010 05:27:08	Twi_and_stray	29.000	15	67Alp Vir	0.97600	28000.	58	42272	No
72	GOM_NL__2PRFIN20100401_053023_000000462088_00134_42272_2145.N1	01-APR-2010 05:30:23	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	42272	No
73	GOM_NL__2PRFIN20100401_053501_000000402088_00134_42272_2146.N1	01-APR-2010 05:35:01	Bright	39.500	62	94Bet Leo	2.1360	9700.0	79	42272	No
74	GOM_NL__2PRFIN20100401_053637_000000362088_00134_42272_2147.N1	01-APR-2010 05:36:37	Bright	36.000	96	68Del Leo	2.5600	9300.0	72	42272	No
75	GOM_NL__2PRFIN20100401_054326_000000382088_00134_42272_2148.N1	01-APR-2010 05:43:26	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	42272	No
76	GOM_NL__2PRFIN20100401_054628_000000372088_00134_42272_2149.N1	01-APR-2010 05:46:28	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42272	No
77	GOM_NL__2PRFIN20100401_054818_000000382088_00134_42272_2150.N1	01-APR-2010 05:48:18	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	42272	No
78	GOM_NL__2PRFIN20100401_055438_000000582088_00134_42272_2151.N1	01-APR-2010 05:54:38	Bright	57.500	60	7Bet UMi	2.0810	3950.0	115	42272	No
79	GOM_NL__2PRFIN20100401_060402_000000382088_00134_42272_2152.N1	01-APR-2010 06:04:02	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42272	No
80	GOM_NL__2PRFIN20100401_060859_000000462088_00134_42272_2153.N1	01-APR-2010 06:08:59	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	42272	No
81	GOM_NL__2PRFIN20100401_061053_000000472088_00134_42272_2154.N1	01-APR-2010 06:10:53	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	42272	No
82	GOM_NL__2PRFIN20100401_061254_000000532088_00134_42272_2155.N1	01-APR-2010 06:12:54	Bright	53.000	92	53Eps Cyg	2.5000	4500.0	106	42272	No
83	GOM_NL__2PRFIN20100401_063711_000000602088_00134_42272_2156.N1	01-APR-2010 06:37:11	Dark	59.500	57	34Sig Sgr	2.0660	26000.	119	42272	No
84	GOM_NL__2PRFIN20100401_064045_000000542088_00135_42273_2143.N1	01-APR-2010 06:40:45	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	42273	No
85	GOM_NL__2PRFIN20100401_064432_000000522088_00135_42273_2144.N1	01-APR-2010 06:44:32	Dark	51.500	40	The Sco	1.8590	7100.0	103	42273	No
86	GOM_NL__2PRFIN20100401_064813_000000412088_00135_42273_2145.N1	01-APR-2010 06:48:13	Dark	40.500	134	Bet TrA	2.8100	6600.0	81	42273	No
87	GOM_NL__2PRFIN20100401_065051_000000492088_00135_42273_2146.N1	01-APR-2010 06:50:51	Dark	48.500	4	Alp1Cen	-0.010000	5800.0	97	42273	No
88	GOM_NL__2PRFIN20100401_065336_000000472088_00135_42273_2147.N1	01-APR-2010 06:53:36	Straylight	47.000	78	Alp Lup	2.3040	28000.	94	42273	No
89	GOM_NL__2PRFIN20100401_065512_000000502088_00135_42273_2148.N1	01-APR-2010 06:55:12	Straylight	50.000	81	Eta Cen	2.3560	28000.	100	42273	No
90	GOM_NL__2PRFIN20100401_065757_000000542088_00135_42273_2149.N1	01-APR-2010 06:57:57	Straylight	53.500	54	5The Cen	2.0550	4500.0	107	42273	No
91	GOM_NL__2PRFIN20100401_070356_000000462088_00135_42273_2150.N1	01-APR-2010 07:03:56	Twi_and_stray	46.000	106	9Bet Crv	2.6480	5600.0	92	42273	No
92	GOM_NL__2PRFIN20100401_070555_000000432088_00135_42273_2151.N1	01-APR-2010 07:05:55	Twi_and_stray	42.500	100	4Gam Crv	2.5800	13100.	85	42273	No
93	GOM_NL__2PRFIN20100401_070744_000000292088_00135_42273_2152.N1	01-APR-2010 07:07:44	Twi_and_stray	29.000	15	67Alp Vir	0.97600	28000.	58	42273	No
94	GOM_NL__2PRFIN20100401_071059_000000452088_00135_42273_2153.N1	01-APR-2010 07:10:59	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	42273	No
95	GOM_NL__2PRFIN20100401_071536_000000402088_00135_42273_2154.N1	01-APR-2010 07:15:36	Bright	40.000	62	94Bet Leo	2.1360	9700.0	80	42273	No
96	GOM_NL__2PRFIN20100401_071713_000000362088_00135_42273_2155.N1	01-APR-2010 07:17:13	Bright	36.000	96	68Del Leo	2.5600	9300.0	72	42273	No
97	GOM_NL__2PRFIN20100401_072402_000000362088_00135_42273_2156.N1	01-APR-2010 07:24:02	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	42273	No
98	GOM_NL__2PRFIN20100401_072704_000000402088_00135_42273_2157.N1	01-APR-2010 07:27:04	Bright	40.000	87	64Gam UMa	2.4330	11000.	80	42273	No
99	GOM_NL__2PRFIN20100401_072854_000000382088_00135_42273_2158.N1	01-APR-2010 07:28:54	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	42273	No
100	GOM_NL__2PRFIN20100401_073513_000000582088_00135_42273_2159.N1	01-APR-2010 07:35:13	Bright	58.000	60	7Bet UMi	2.0810	3950.0	116	42273	No
101	GOM_NL__2PRFIN20100401_074438_000000542088_00135_42273_2160.N1	01-APR-2010 07:44:38	Bright	54.000	89	5Alp Cep	2.4510	8000.0	108	42273	No

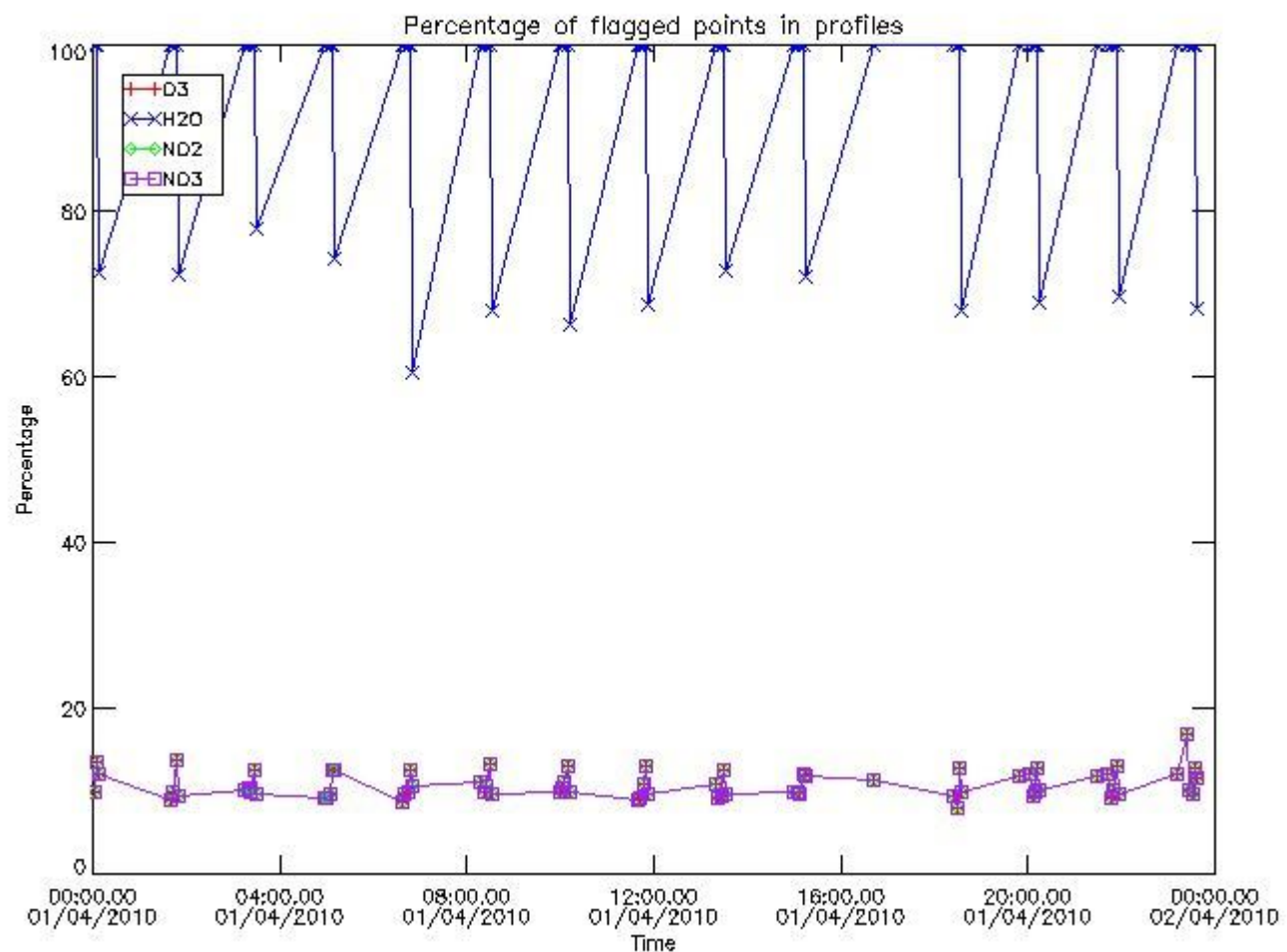
102	GOM_NL__2PRFIN20100401_074935_000000482088_00135_42273_2161.N1	01-APR-2010 07:49:35	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	42273	No
103	GOM_NL__2PRFIN20100401_075129_000000452088_00135_42273_2162.N1	01-APR-2010 07:51:29	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	42273	No
104	GOM_NL__2PRFIN20100401_075330_000000452088_00135_42273_2163.N1	01-APR-2010 07:53:30	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	42273	No
105	GOM_NL__2PRFIN20100401_081748_000000562088_00135_42273_2164.N1	01-APR-2010 08:17:48	Dark	55.500	57	34Sig Sgr	2.0660	26000.	111	42273	No
106	GOM_NL__2PRFIN20100401_082123_000000522088_00136_42274_2151.N1	01-APR-2010 08:21:23	Dark	51.500	38	20Eps Sgr	1.8360	11000.	103	42274	No
107	GOM_NL__2PRFIN20100401_082509_000000492088_00136_42274_2152.N1	01-APR-2010 08:25:09	Dark	48.500	40	The Sco	1.8590	7100.0	97	42274	No
108	GOM_NL__2PRFIN20100401_082849_000000392088_00136_42274_2153.N1	01-APR-2010 08:28:49	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	42274	No
109	GOM_NL__2PRFIN20100401_083128_000000542088_00136_42274_2154.N1	01-APR-2010 08:31:28	Dark	53.500	4	Alp1Cen	-0.010000	5800.0	107	42274	No
110	GOM_NL__2PRFIN20100401_083413_000000492088_00136_42274_2155.N1	01-APR-2010 08:34:13	Straylight	48.500	78	Alp Lup	2.3040	28000.	97	42274	No
111	GOM_NL__2PRFIN20100401_083549_000000472088_00136_42274_2156.N1	01-APR-2010 08:35:49	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	42274	No
112	GOM_NL__2PRFIN20100401_083833_000000532088_00136_42274_2157.N1	01-APR-2010 08:38:33	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	42274	No
113	GOM_NL__2PRFIN20100401_084433_000000462088_00136_42274_2158.N1	01-APR-2010 08:44:33	Twi_and_stray	45.500	106	9Bet Crv	2.6480	5600.0	91	42274	No
114	GOM_NL__2PRFIN20100401_084630_000000432088_00136_42274_2159.N1	01-APR-2010 08:46:30	Twi_and_stray	43.000	100	4Gam Crv	2.5800	13100.	86	42274	No
115	GOM_NL__2PRFIN20100401_084820_000000362088_00136_42274_2160.N1	01-APR-2010 08:48:20	Bright	36.000	15	67Alp Vir	0.97600	28000.	72	42274	No
116	GOM_NL__2PRFIN20100401_085135_000000452088_00136_42274_2161.N1	01-APR-2010 08:51:35	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	42274	No
117	GOM_NL__2PRFIN20100401_085612_000000412088_00136_42274_2162.N1	01-APR-2010 08:56:12	Bright	40.500	62	94Bet Leo	2.1360	9700.0	81	42274	No
118	GOM_NL__2PRFIN20100401_090438_000000372088_00136_42274_2163.N1	01-APR-2010 09:04:38	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	42274	No
119	GOM_NL__2PRFIN20100401_090740_000000392088_00136_42274_2164.N1	01-APR-2010 09:07:40	Bright	39.000	87	64Gam UMa	2.4330	11000.	78	42274	No
120	GOM_NL__2PRFIN20100401_090930_000000402088_00136_42274_2165.N1	01-APR-2010 09:09:30	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	42274	No
121	GOM_NL__2PRFIN20100401_091549_000000412088_00136_42274_2166.N1	01-APR-2010 09:15:49	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42274	No
122	GOM_NL__2PRFIN20100401_092514_000000372088_00136_42274_2167.N1	01-APR-2010 09:25:14	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	42274	No
123	GOM_NL__2PRFIN20100401_093011_000000482088_00136_42274_2168.N1	01-APR-2010 09:30:11	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	42274	No
124	GOM_NL__2PRFIN20100401_093205_000000472088_00136_42274_2169.N1	01-APR-2010 09:32:05	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	42274	No
125	GOM_NL__2PRFIN20100401_093406_000000442088_00136_42274_2170.N1	01-APR-2010 09:34:06	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	42274	No
126	GOM_NL__2PRFIN20100401_095825_000000572088_00136_42274_2171.N1	01-APR-2010 09:58:25	Dark	57.000	57	34Sig Sgr	2.0660	26000.	114	42274	No
127	GOM_NL__2PRFIN20100401_100159_000000552088_00137_42275_2159.N1	01-APR-2010 10:01:59	Dark	54.500	38	20Eps Sgr	1.8360	11000.	109	42275	No
128	GOM_NL__2PRFIN20100401_100547_000000512088_00137_42275_2160.N1	01-APR-2010 10:05:47	Dark	51.000	40	The Sco	1.8590	7100.0	102	42275	No
129	GOM_NL__2PRFIN20100401_100926_000000392088_00137_42275_2161.N1	01-APR-2010 10:09:26	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	42275	No
130	GOM_NL__2PRFIN20100401_101204_000000512088_00137_42275_2162.N1	01-APR-2010 10:12:04	Dark	51.000	4	Alp1Cen	-0.010000	5800.0	102	42275	No
131	GOM_NL__2PRFIN20100401_101449_000000442088_00137_42275_2163.N1	01-APR-2010 10:14:49	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42275	No
132	GOM_NL__2PRFIN20100401_101626_000000502088_00137_42275_2164.N1	01-APR-2010 10:16:26	Straylight	50.000	81	Eta Cen	2.3560	28000.	100	42275	No
133	GOM_NL__2PRFIN20100401_101909_000000582088_00137_42275_2165.N1	01-APR-2010 10:19:09	Straylight	58.000	54	5The Cen	2.0550	4500.0	116	42275	No
134	GOM_NL__2PRFIN20100401_102509_000000482088_00137_42275_2166.N1	01-APR-2010 10:25:09	Twi_and_stray	47.500	106	9Bet Crv	2.6480	5600.0	95	42275	No
135	GOM_NL__2PRFIN20100401_102707_000000432088_00137_42275_2167.N1	01-APR-2010 10:27:07	Twi_and_stray	43.000	100	4Gam Crv	2.5800	13100.	86	42275	No
136	GOM_NL__2PRFIN20100401_102856_000000362088_00137_42275_2168.N1	01-APR-2010 10:28:56	Bright	36.000	15	67Alp Vir	0.97600	28000.	72	42275	No
137	GOM_NL__2PRFIN20100401_103210_000000452088_00137_42275_2169.N1	01-APR-2010 10:32:10	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	42275	No
138	GOM_NL__2PRFIN20100401_103648_000000392088_00137_42275_2170.N1	01-APR-2010 10:36:48	Bright	38.500	62	94Bet Leo	2.1360	9700.0	77	42275	No
139	GOM_NL__2PRFIN20100401_104514_000000382088_00137_42275_2171.N1	01-APR-2010 10:45:14	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	42275	No
140	GOM_NL__2PRFIN20100401_104815_000000392088_00137_42275_2172.N1	01-APR-2010 10:48:15	Bright	39.000	87	64Gam UMa	2.4330	11000.	78	42275	No
141	GOM_NL__2PRFIN20100401_105006_000000372088_00137_42275_2173.N1	01-APR-2010 10:50:06	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	42275	No
142	GOM_NL__2PRFIN20100401_105624_000000392088_00137_42275_2174.N1	01-APR-2010 10:56:24	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	42275	No
143	GOM_NL__2PRFIN20100401_110550_000000372088_00137_42275_2175.N1	01-APR-2010 11:05:50	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42275	No
144	GOM_NL__2PRFIN20100401_111047_000000452088_00137_42275_2176.N1	01-APR-2010 11:10:47	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	42275	No
145	GOM_NL__2PRFIN20100401_111241_000000442088_00137_42275_2177.N1	01-APR-2010 11:12:41	Bright	43.500	66	37Gam Cyg	2.2080	5900.0	87	42275	No
146	GOM_NL__2PRFIN20100401_111443_000000602088_00137_42275_2178.N1	01-APR-2010 11:14:43	Bright	60.000	92	53Eps Cyg	2.5000	4500.0	120	42275	No
147	GOM_NL__2PRFIN20100401_113902_000000572088_00137_42275_2179.N1	01-APR-2010 11:39:02	Dark	56.500	57	34Sig Sgr	2.0660	26000.	113	42275	No
148	GOM_NL__2PRFIN20100401_114237_000000562088_00138_42276_2167.N1	01-APR-2010 11:42:37	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	42276	No
149	GOM_NL__2PRFIN20100401_114624_000000482088_00138_42276_2168.N1	01-APR-2010 11:46:24	Dark	47.500	40	The Sco	1.8590	7100.0	95	42276	No
150	GOM_NL__2PRFIN20100401_115002_000000392088_00138_42276_2169.N1	01-APR-2010 11:50:02	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	42276	No
151	GOM_NL__2PRFIN20100401_115240_000000532088_00138_42276_2170.N1	01-APR-2010 11:52:40	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	42276	No
152	GOM_NL__2PRFIN20100401_115526_000000462088_00138_42276_2171.N1	01-APR-2010 11:55:26	Straylight	46.000	78	Alp Lup	2.3040	28000.	92	42276	No
153	GOM_NL__2PRFIN20100401_115702_000000472088_00138_42276_2172.N1	01-APR-2010 11:57:02	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	42276	No
154	GOM_NL__2PRFIN20100401_115946_000000512088_00138_42276_2173.N1	01-APR-2010 11:59:46	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	42276	No
155	GOM_NL__2PRFIN20100401_120545_000000462088_00138_42276_2174.N1	01-APR-2010 12:05:45	Twi_and_stray	46.000	106	9Bet Crv	2.6480	5600.0	92	42276	No
156	GOM_NL__2PRFIN20100401_120742_000000442088_00138_42276_2175.N1	01-APR-2010 12:07:42	Twi_and_stray	43.500	100	4Gam Crv	2.5800	13100.	87	42276	No
157	GOM_NL__2PRFIN20100401_120932_000000422088_00138_42276_2176.N1	01-APR-2010 12:09:32	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42276	No
158	GOM_NL__2PRFIN20100401_121247_000000442088_00138_42276_2177.N1	01-APR-2010 12:12:47	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	42276	No
159	GOM_NL__2PRFIN20100401_121724_000000382088_00138_42276_2178.N1	01-APR-2010 12:17:24	Bright	38.000	62	94Bet Leo	2.1360	9700.0	76	42276	No
160	GOM_NL__2PRFIN20100401_122550_000000372088_00138_42276_2179.N1	01-APR-2010 12:25:50	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	42276	No

279	GOM_NL__2PRFIN20100401_232323_000000362088_00144_42282_2258.N1	01-APR-2010 23:23:23	Dark	36.000	57	34Sig Sgr	2.0660	26000.	72	42282	No
280	GOM_NL__2PRFIN20100401_232658_000000552088_00145_42283_2244.N1	01-APR-2010 23:26:58	Dark	55.000	38	20Eps Sgr	1.8360	11000.	110	42283	No
281	GOM_NL__2PRFIN20100401_233043_000000532088_00145_42283_2245.N1	01-APR-2010 23:30:43	Dark	52.500	40	The Sco	1.8590	7100.0	105	42283	No
282	GOM_NL__2PRFIN20100401_233417_000000402088_00145_42283_2246.N1	01-APR-2010 23:34:17	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	42283	No
283	GOM_NL__2PRFIN20100401_233655_000000452088_00145_42283_2247.N1	01-APR-2010 23:36:55	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	42283	No
284	GOM_NL__2PRFIN20100401_233941_000000462088_00145_42283_2248.N1	01-APR-2010 23:39:41	Straylight	46.000	78	Alp Lup	2.3040	28000.	92	42283	No
285	GOM_NL__2PRFIN20100401_234118_000000472088_00145_42283_2249.N1	01-APR-2010 23:41:18	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42283	No
286	GOM_NL__2PRFIN20100401_234401_000000542088_00145_42283_2250.N1	01-APR-2010 23:44:01	Straylight	53.500	54	5The Cen	2.0550	4500.0	107	42283	No
287	GOM_NL__2PRFIN20100401_234958_000000462088_00145_42283_2251.N1	01-APR-2010 23:49:58	Twi_and_stray	45.500	106	9Bet Crv	2.6480	5600.0	91	42283	No
288	GOM_NL__2PRFIN20100401_235155_000000452088_00145_42283_2252.N1	01-APR-2010 23:51:55	Twi_and_stray	44.500	100	4Gam Crv	2.5800	13100.	89	42283	No
289	GOM_NL__2PRFIN20100401_235343_000000602088_00145_42283_2253.N1	01-APR-2010 23:53:43	Bright	60.000	15	67Alp Vir	0.97600	28000.	120	42283	No
290	GOM_NL__2PRFIN20100401_235657_000000452088_00145_42283_2254.N1	01-APR-2010 23:56:57	Bright	45.000	121	29Gam Vir	2.7400	7200.0	90	42283	No

3. Quality information per product

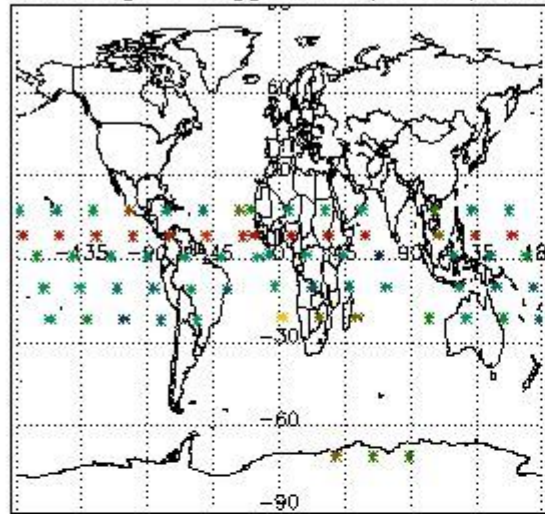
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

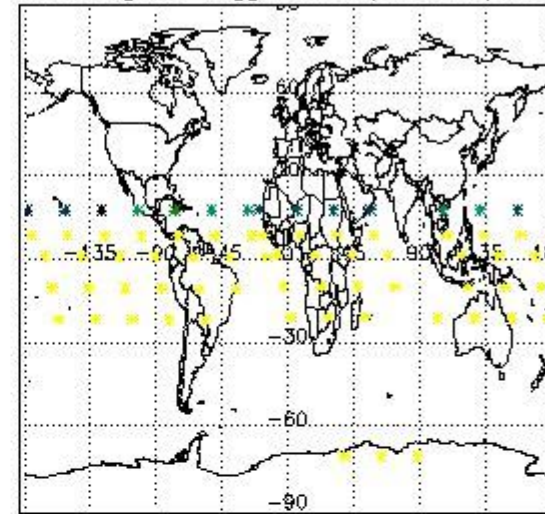


3.2 Plot quality information per product (world map)

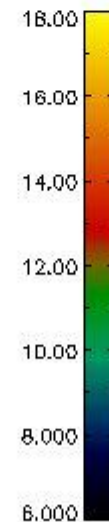
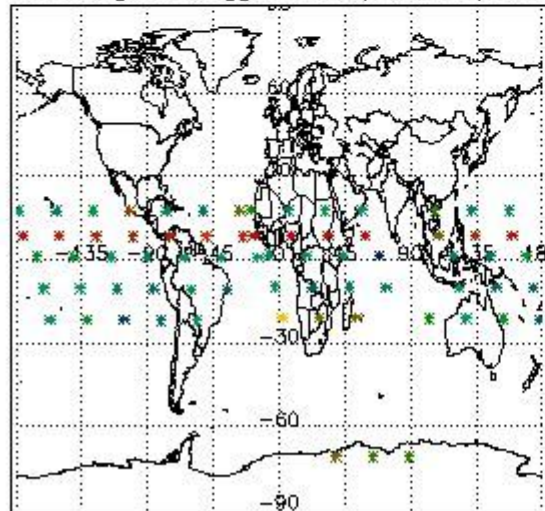
Percentage of flagged data per O3 profile



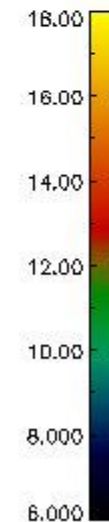
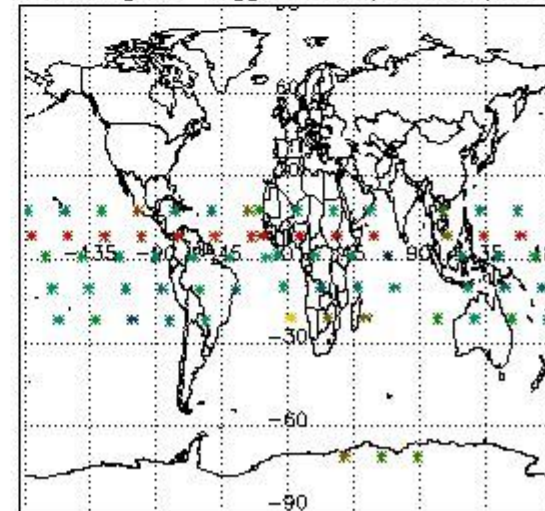
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

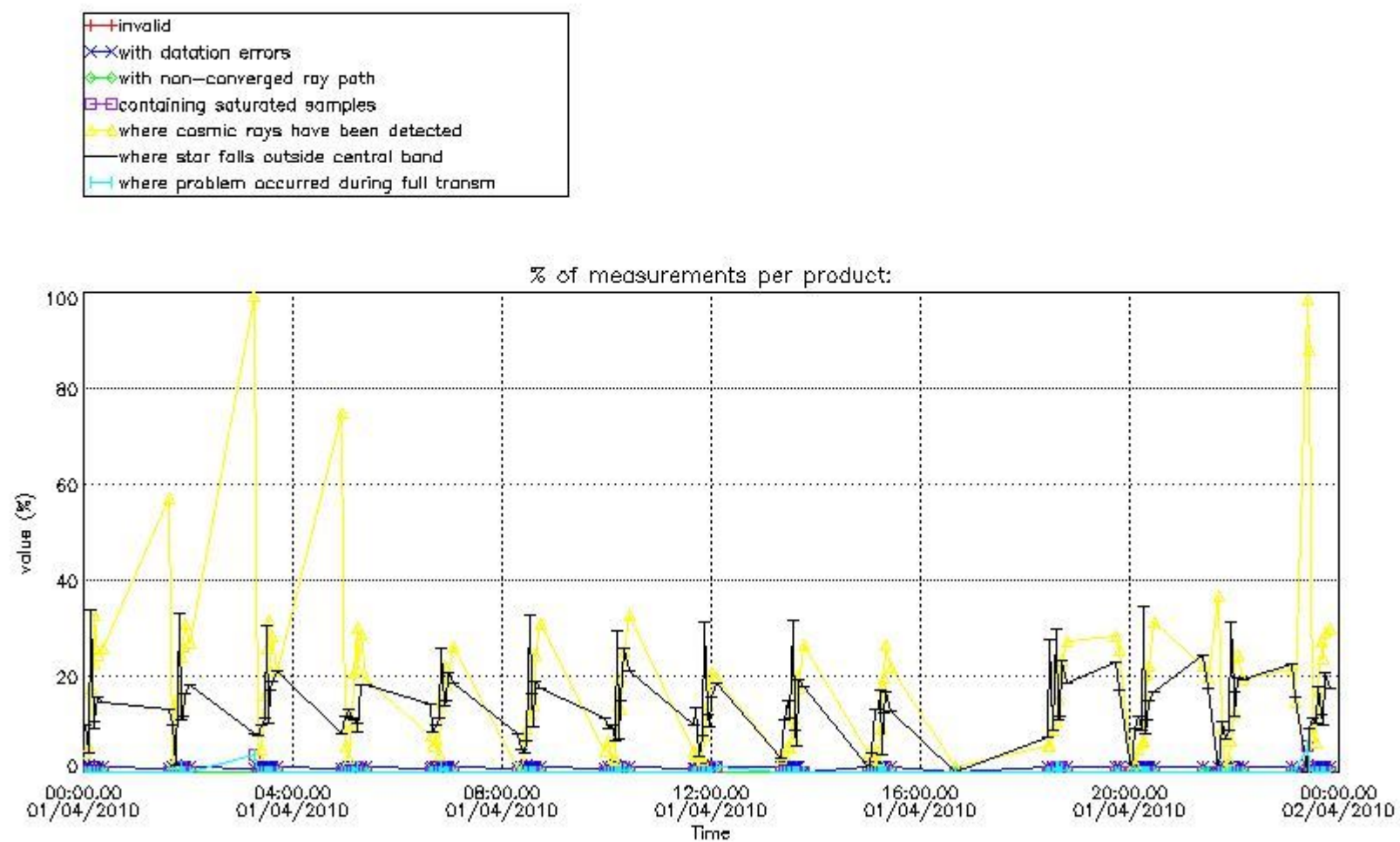


4. Level 1 quality information per product

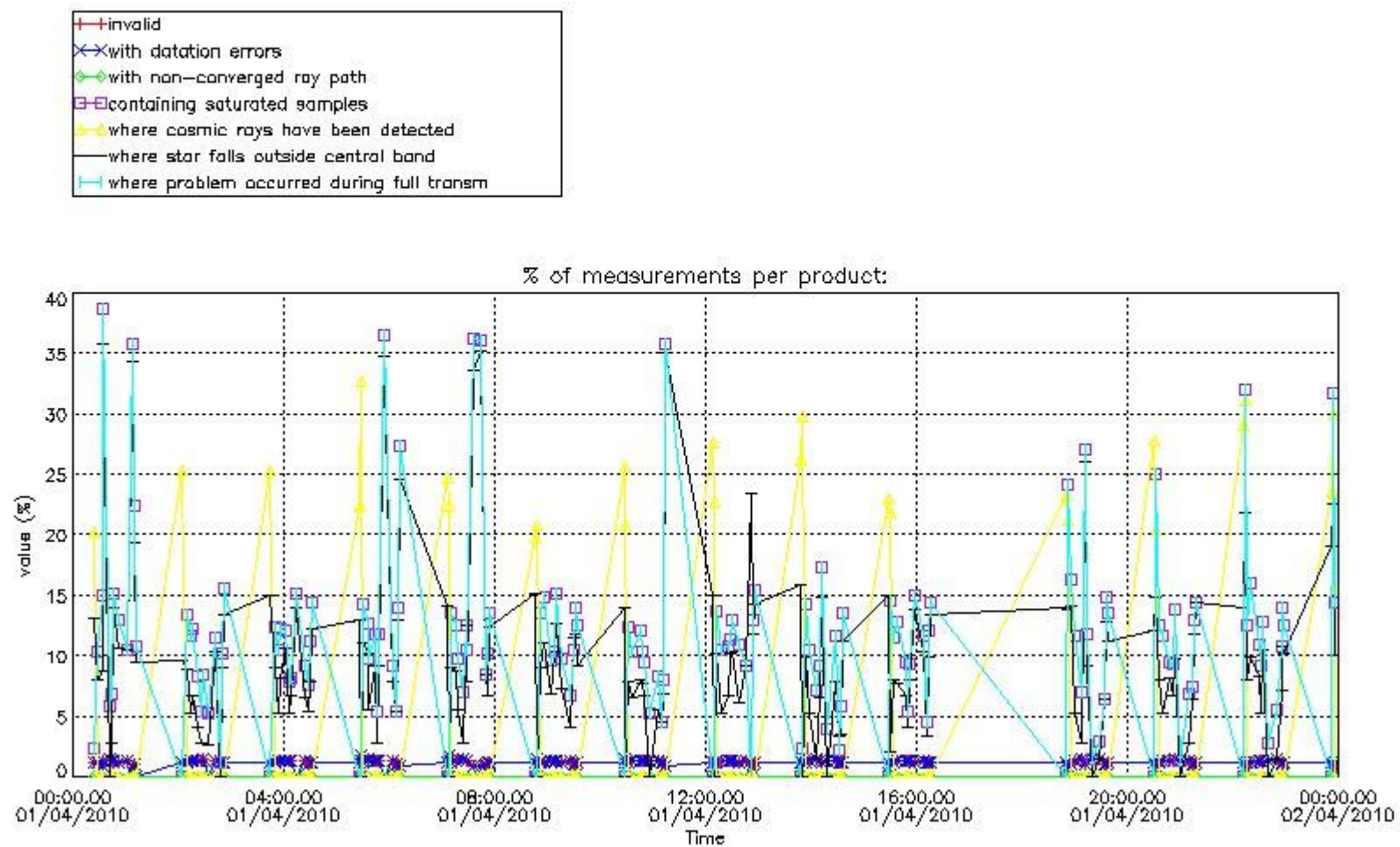
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

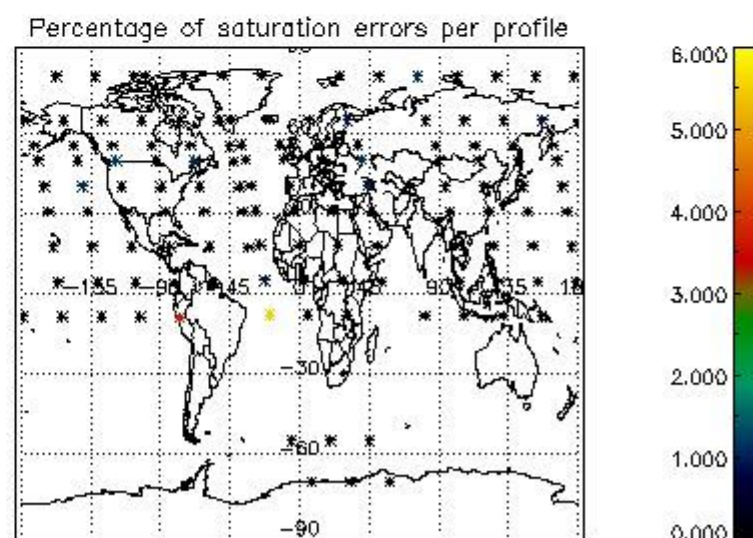
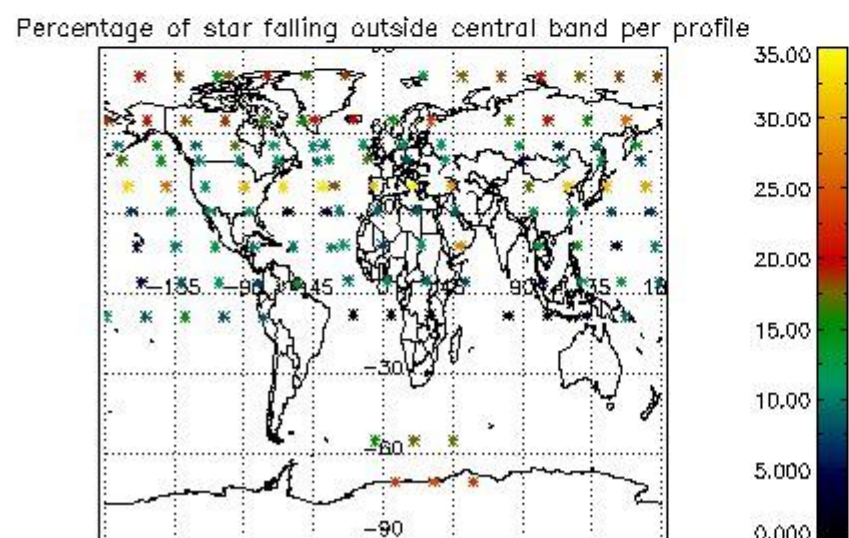
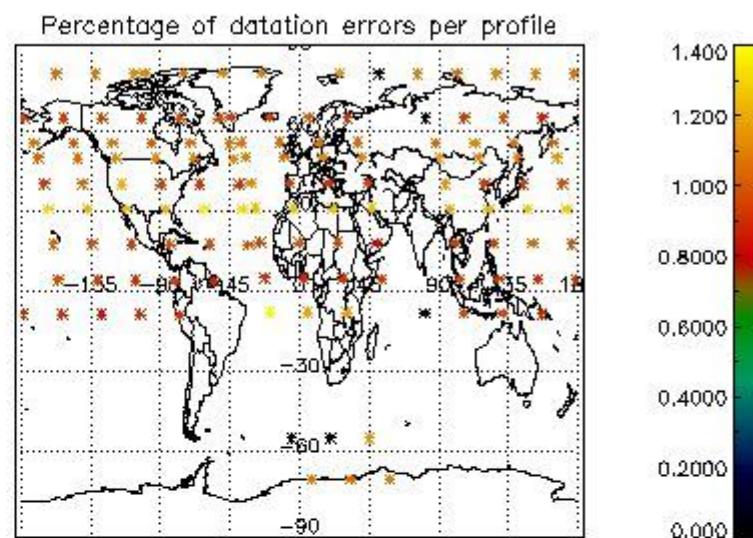
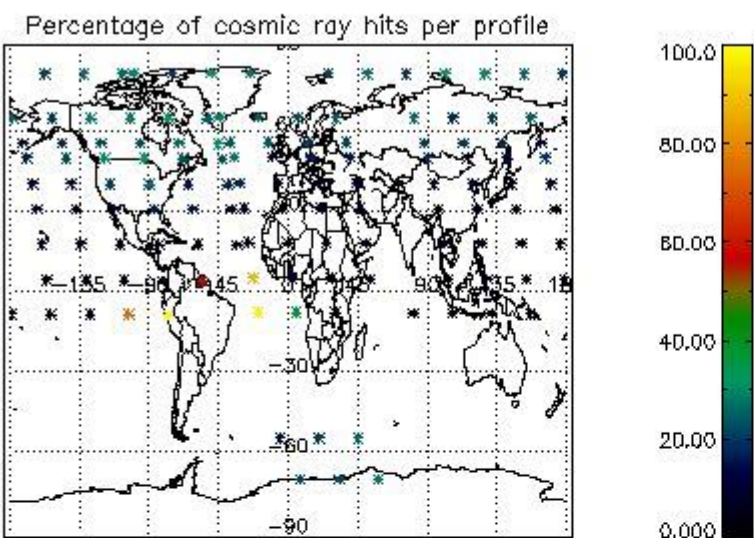


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

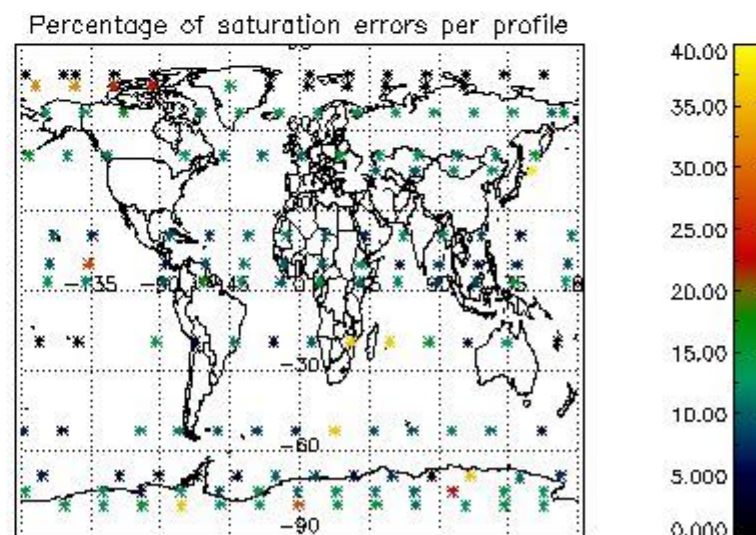
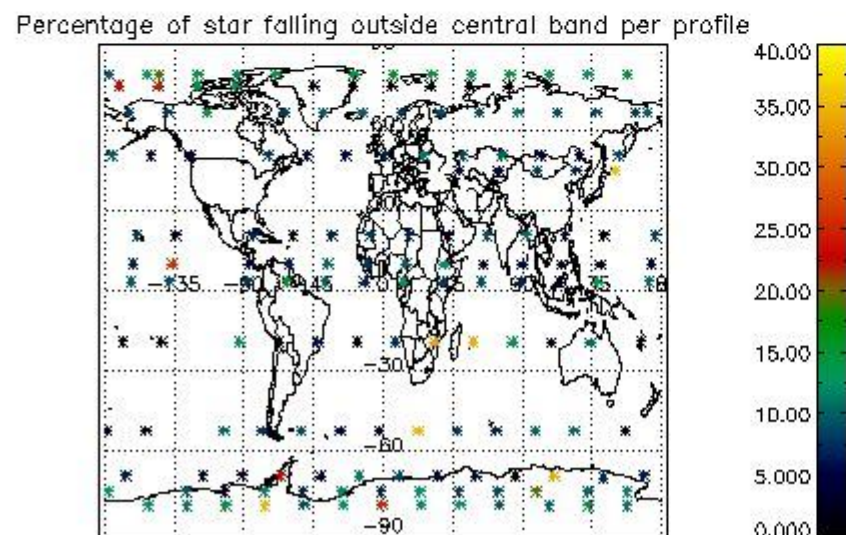
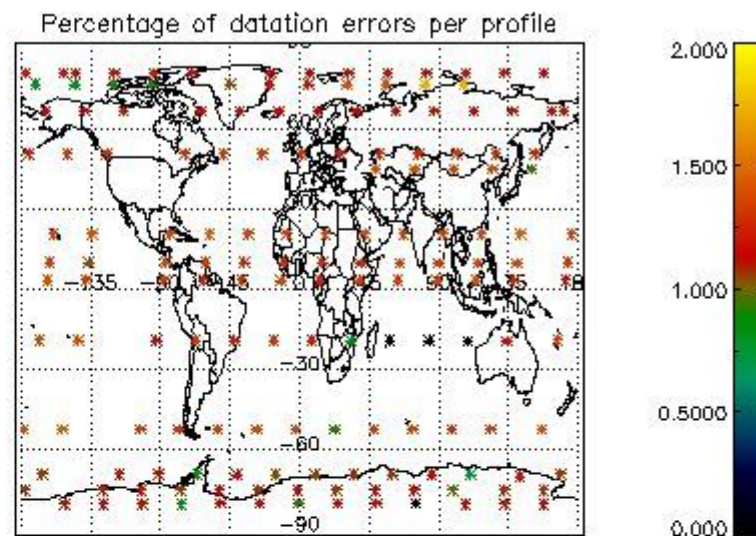
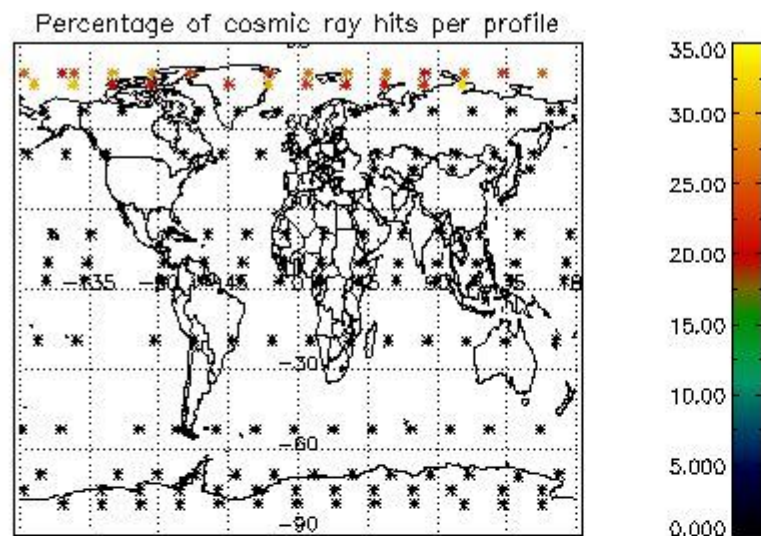


4.2 Plot quality information per product coming from level 1b processing (world map)

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

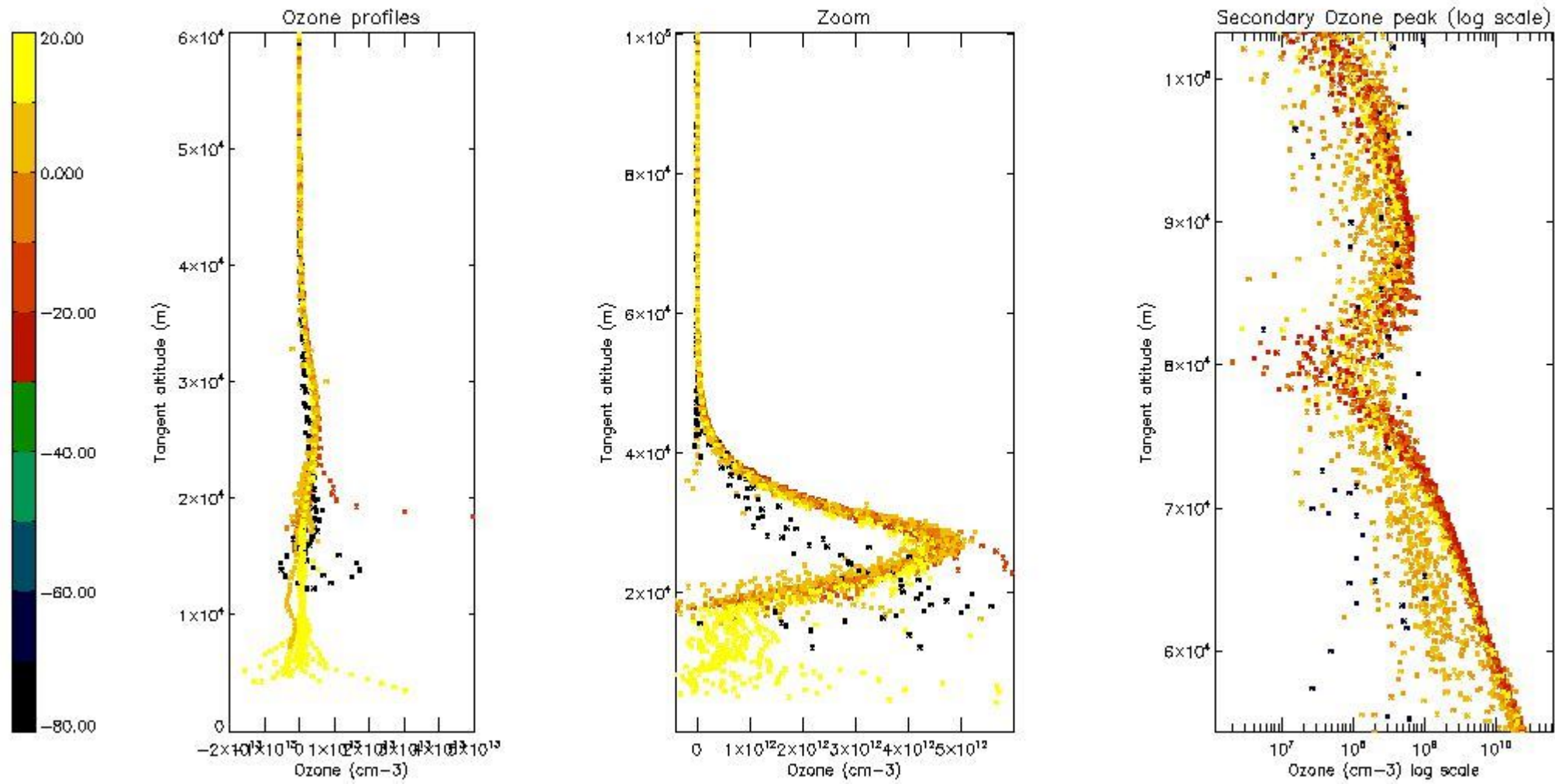
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	14

STD < 10	11
STD < 5	7

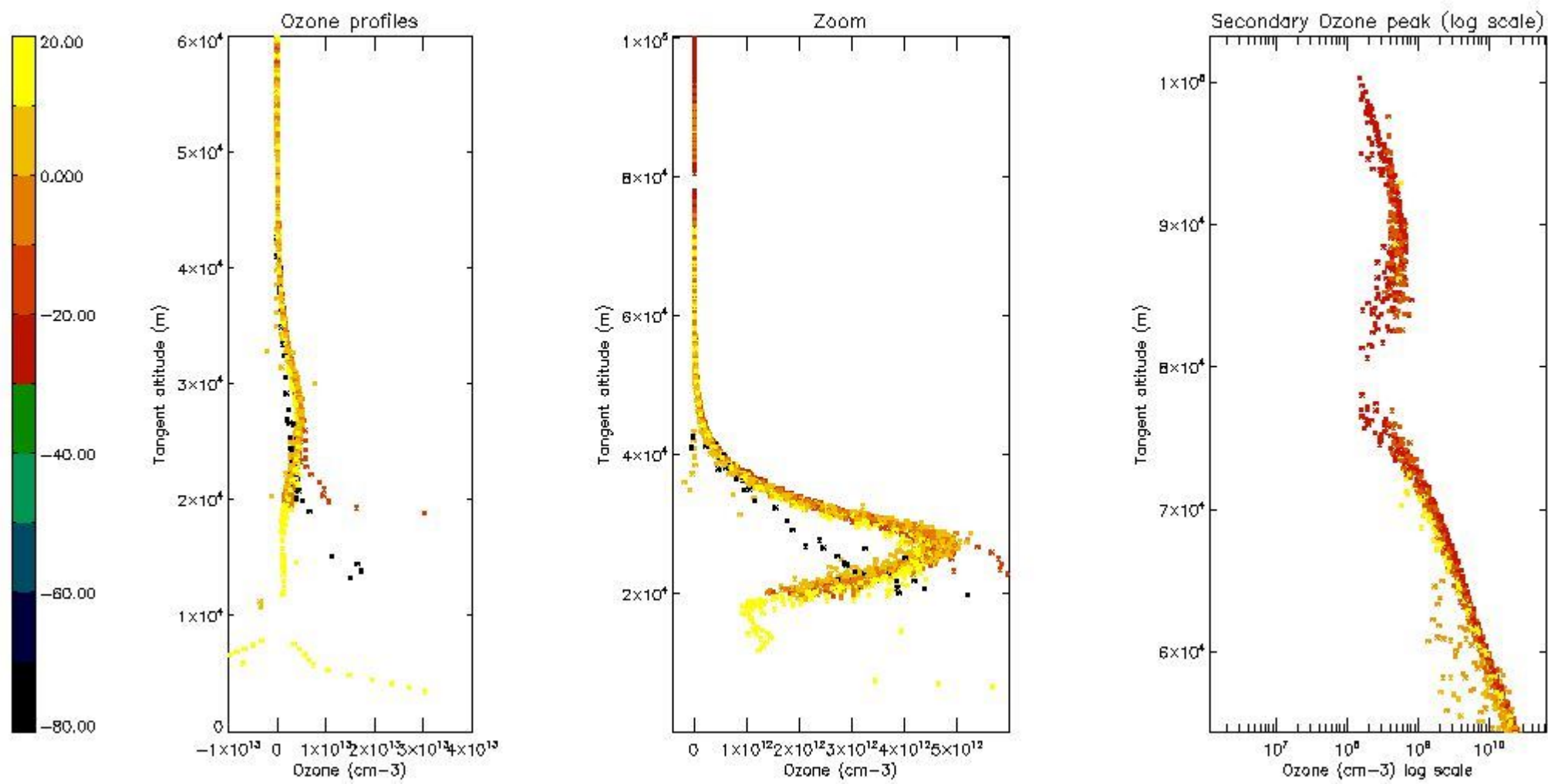
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



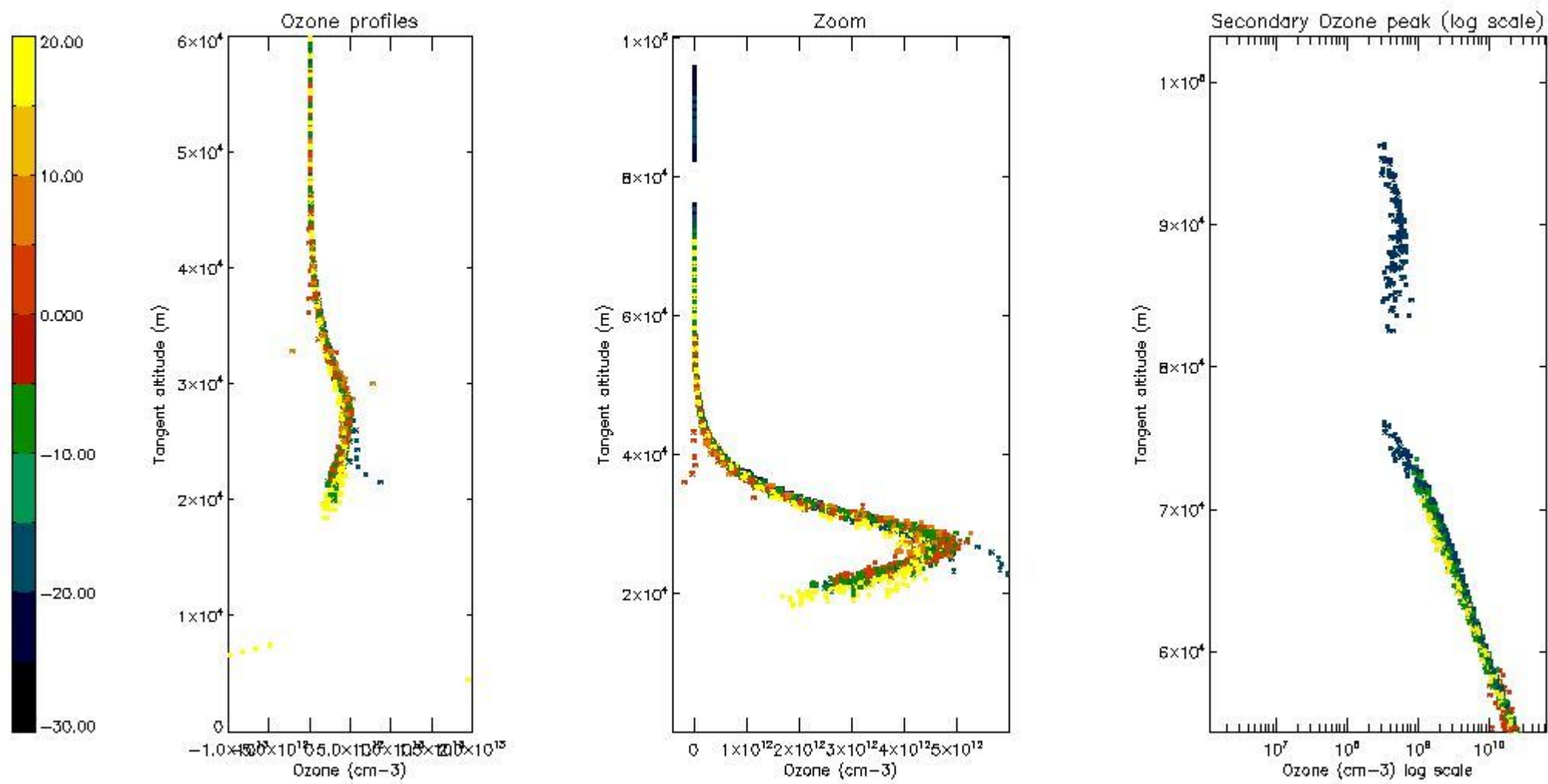
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



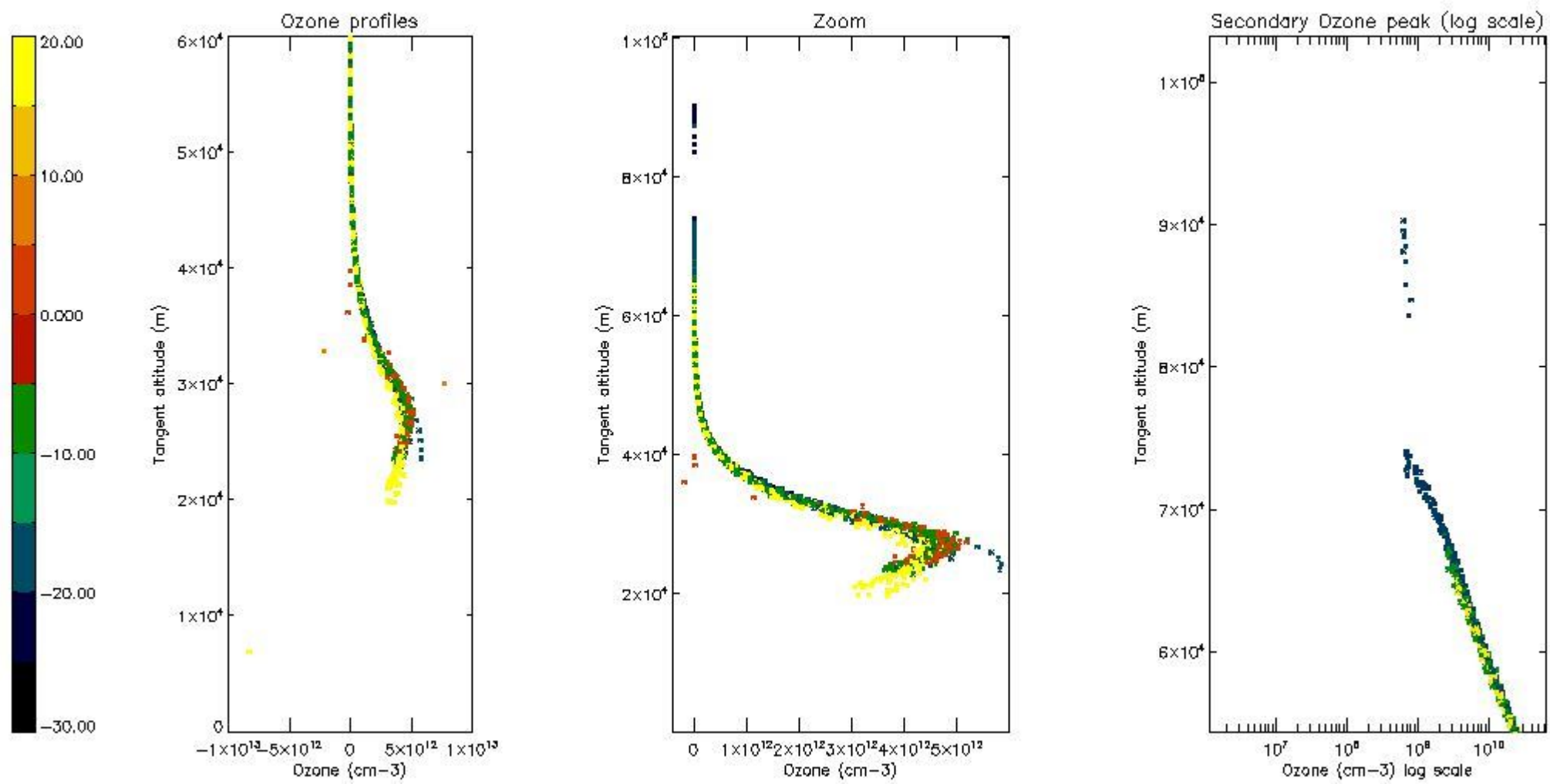
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



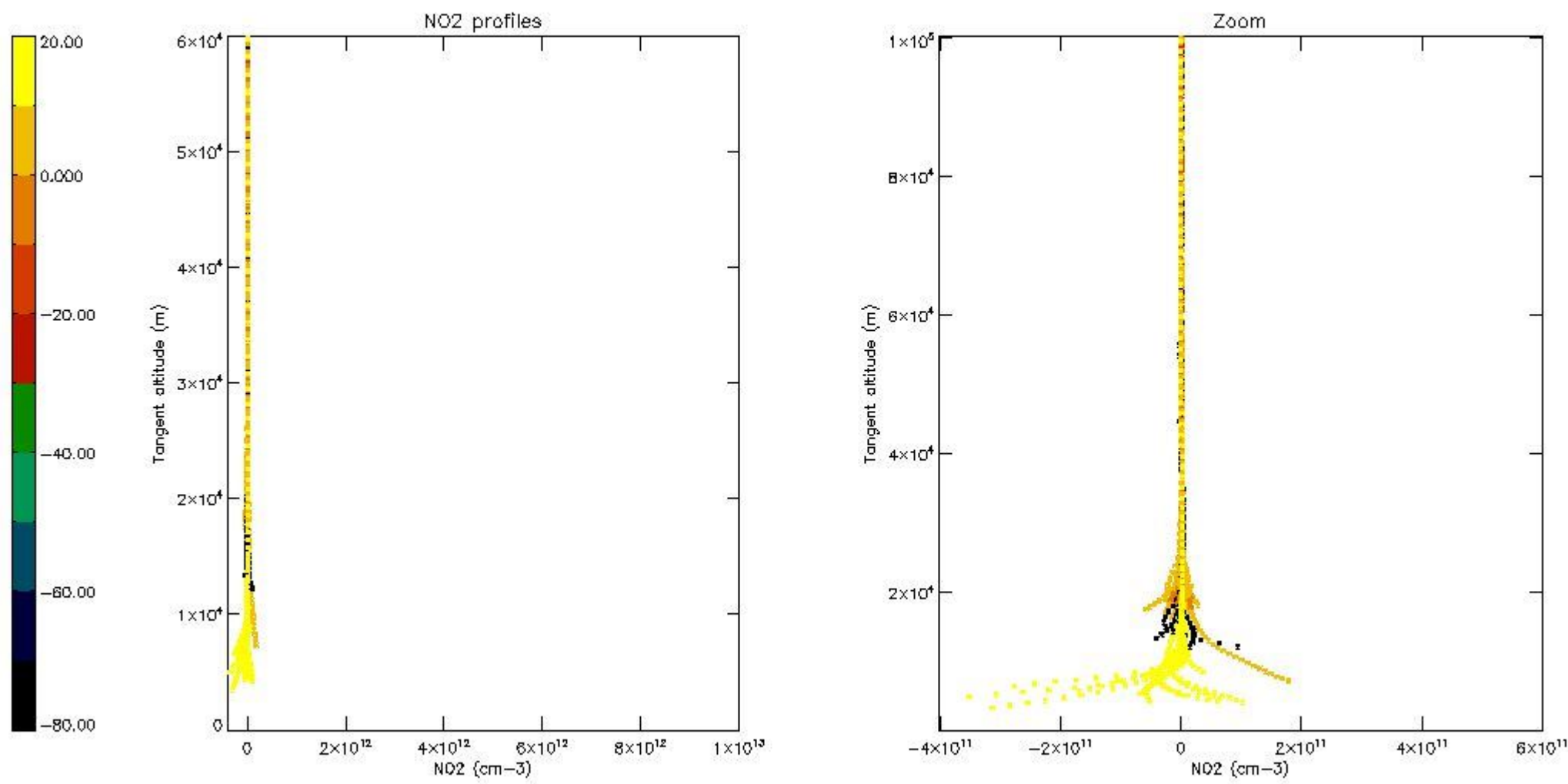
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



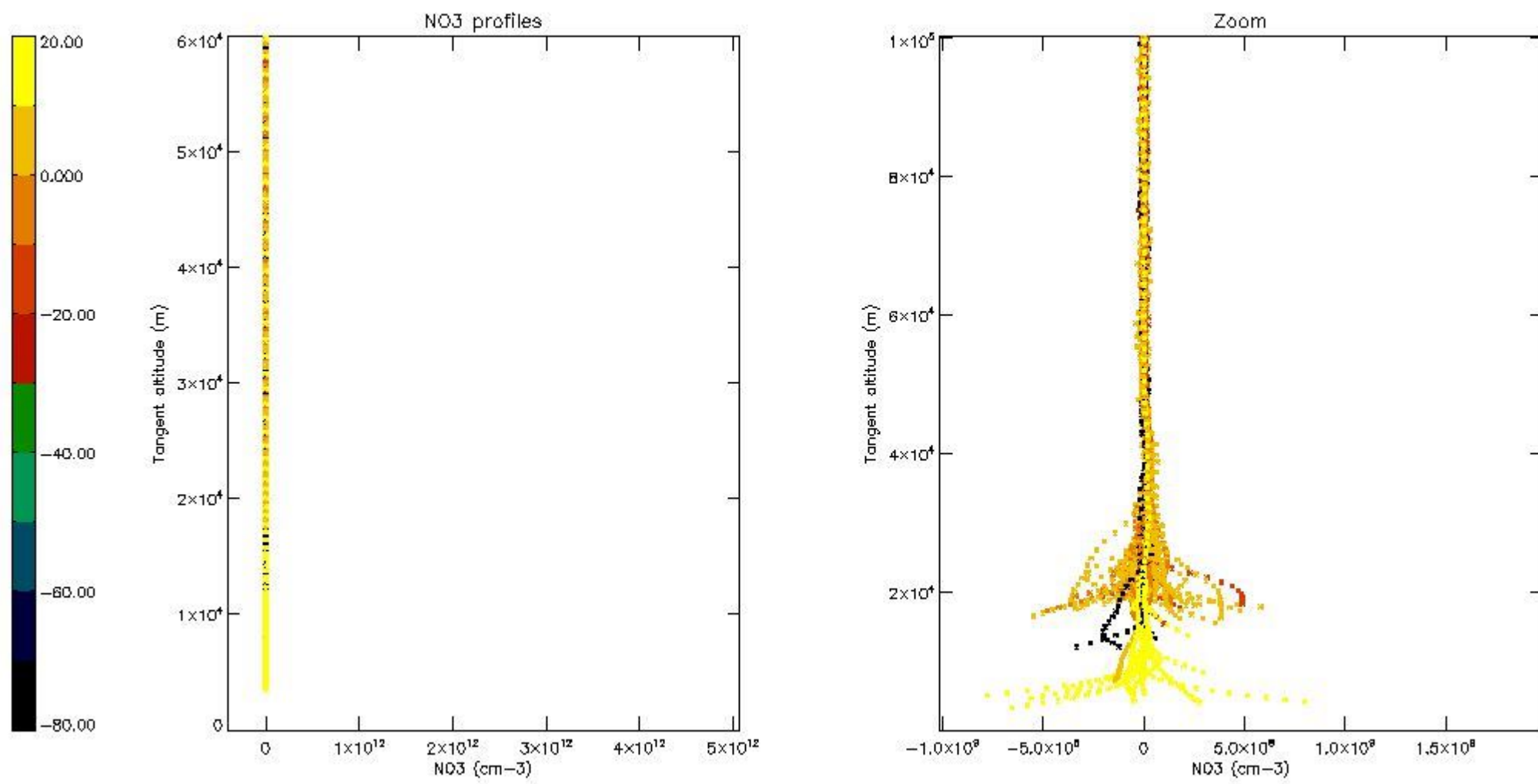
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



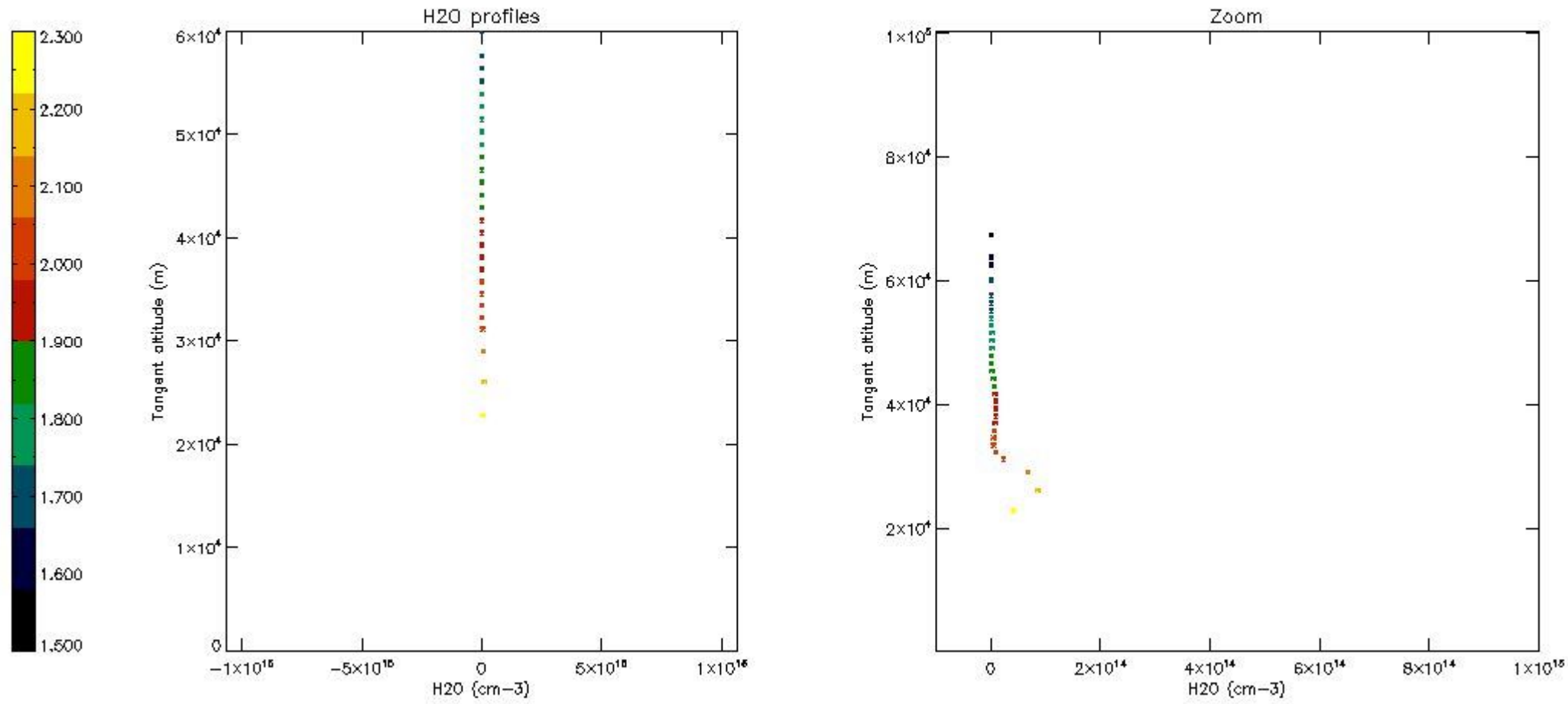
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

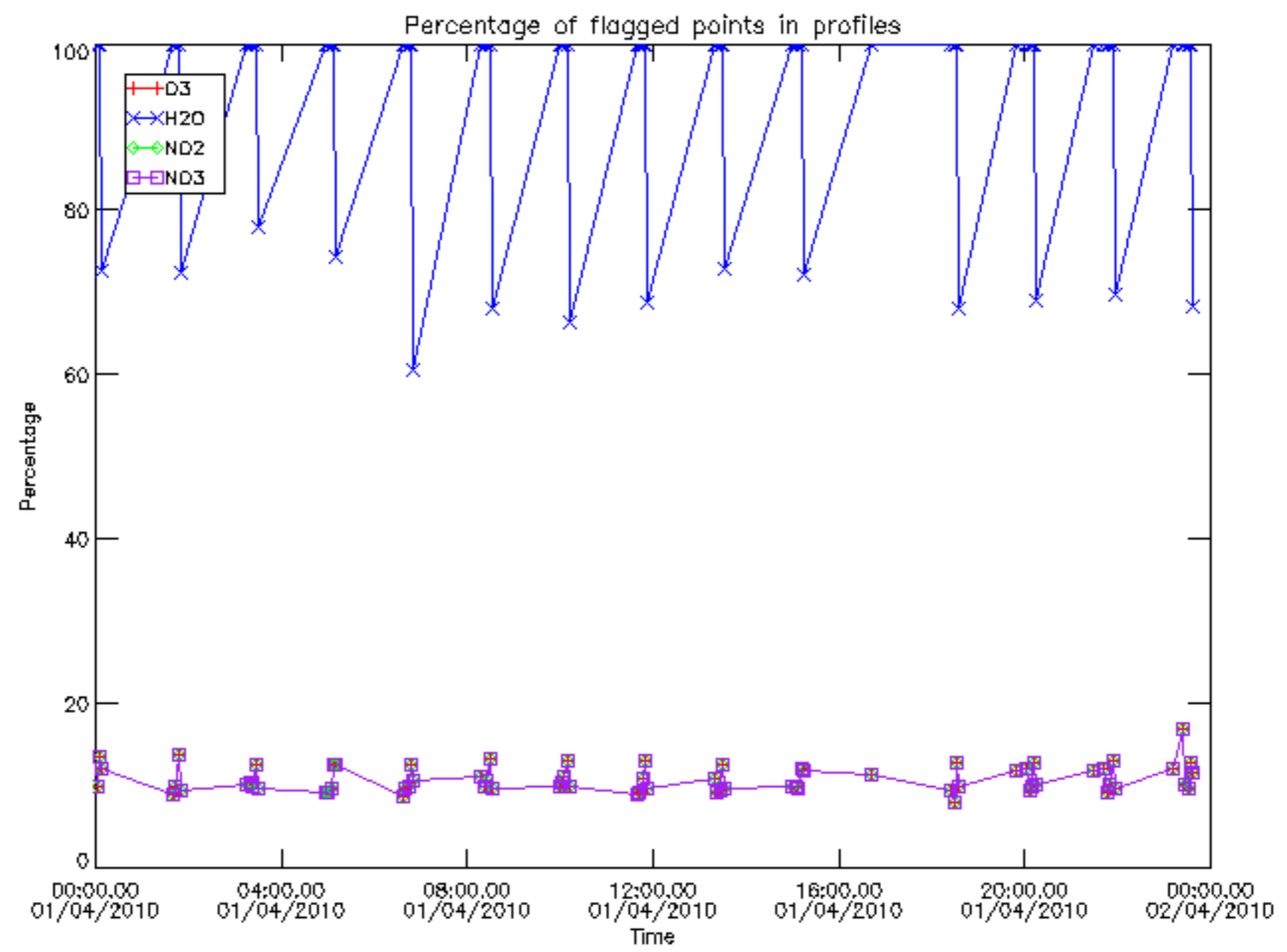
The colorbar represents the latitude.



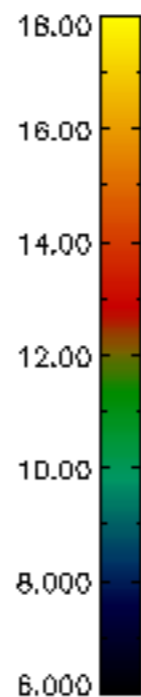
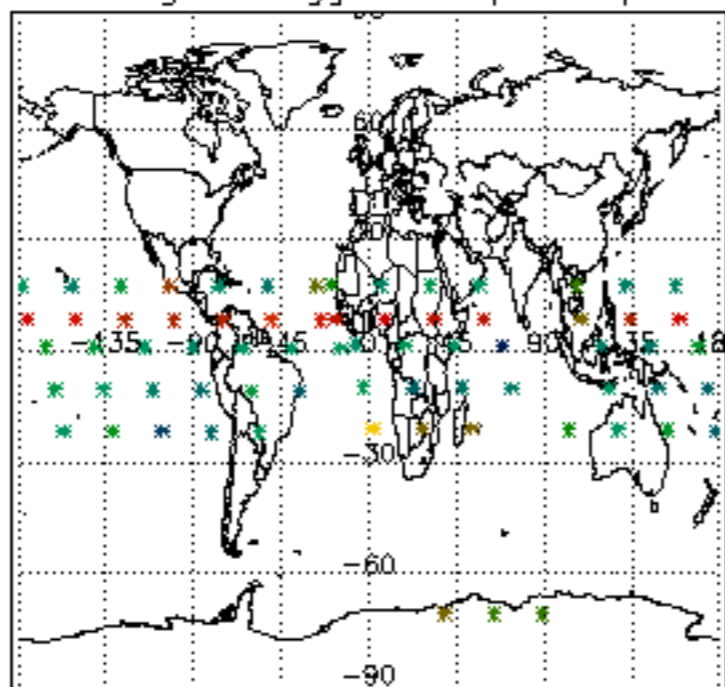
6. Auxiliary Data Files used for the production reported in section 2

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.

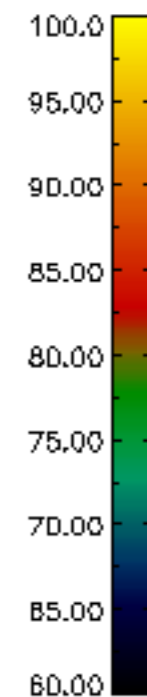
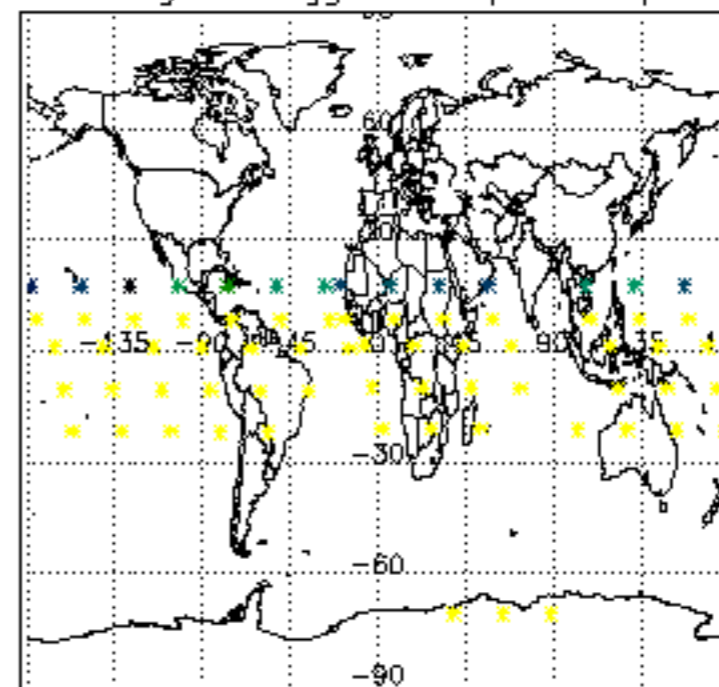
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-APR-2010 00:02:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-APR-2010 00:02:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-APR-2010 00:02:04



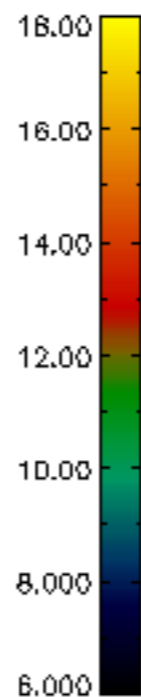
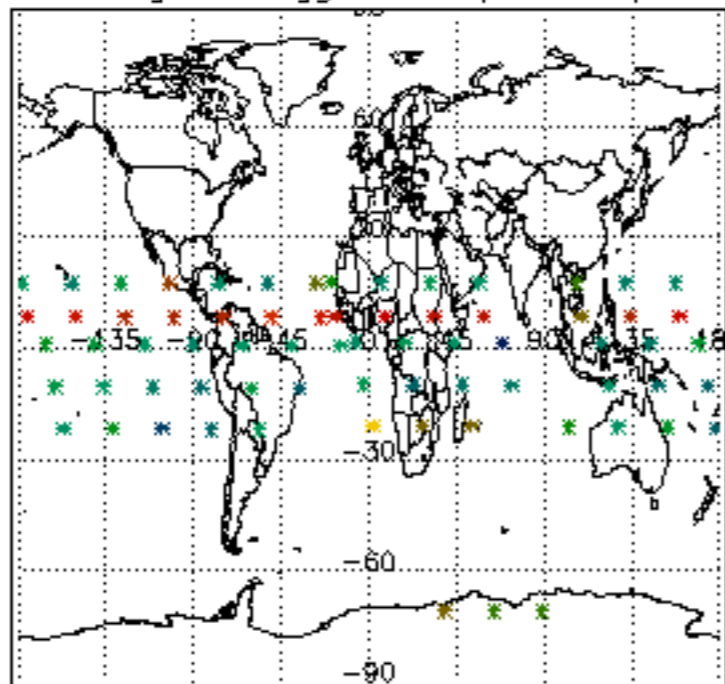
Percentage of flagged data per D3 profile



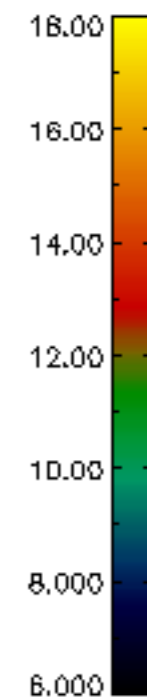
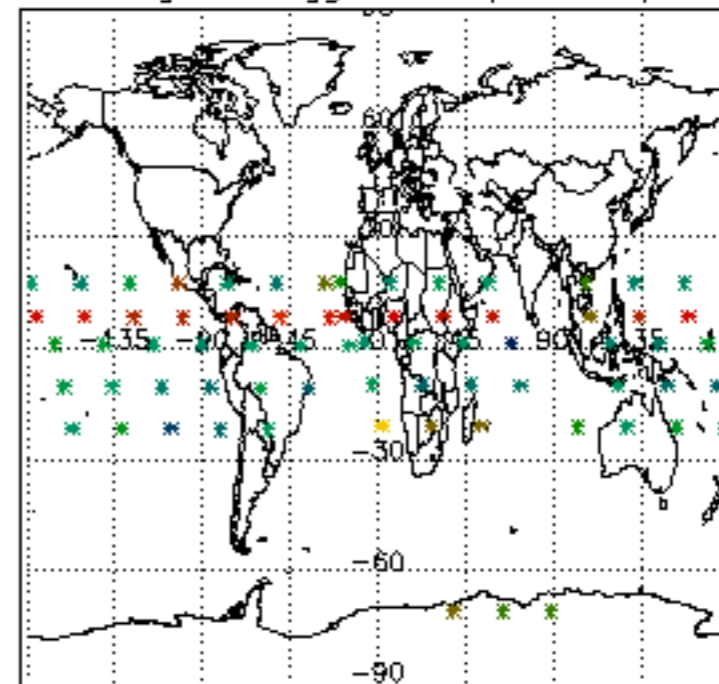
Percentage of flagged data per H2O profile

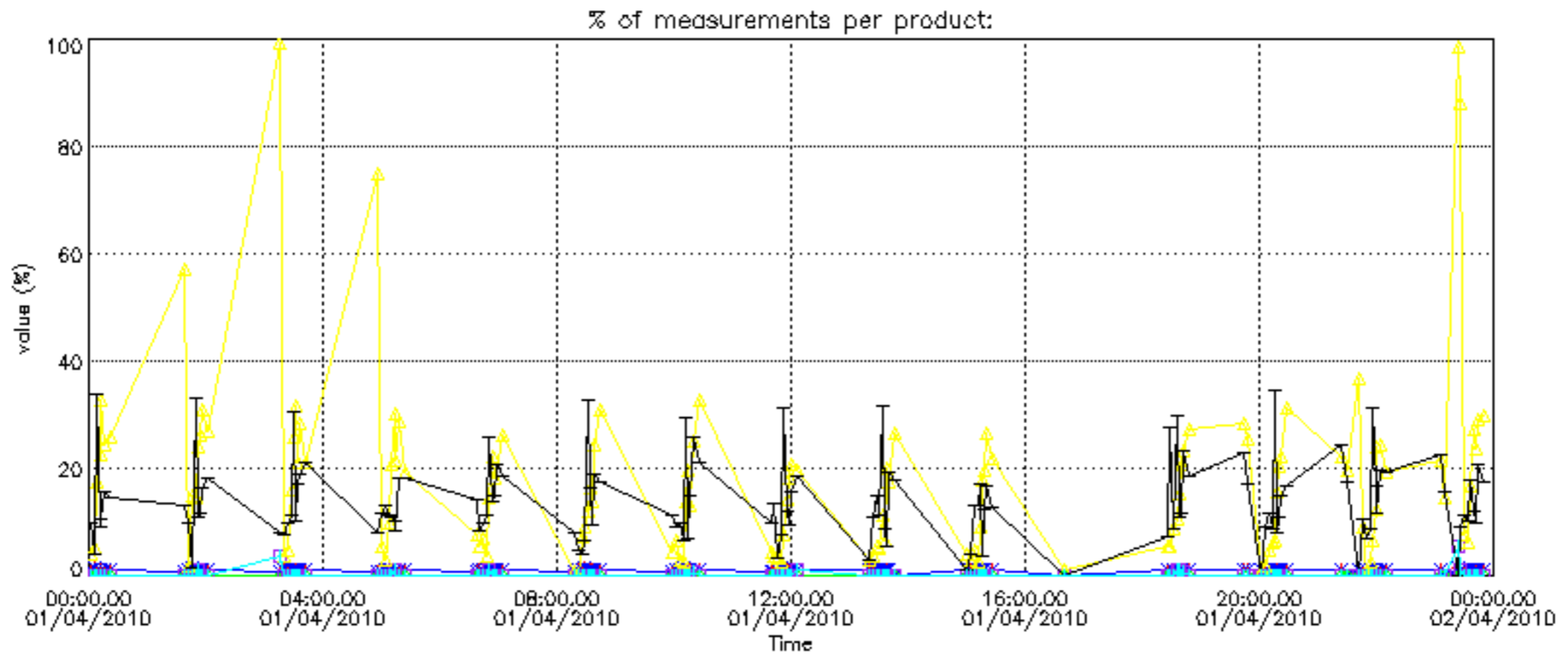


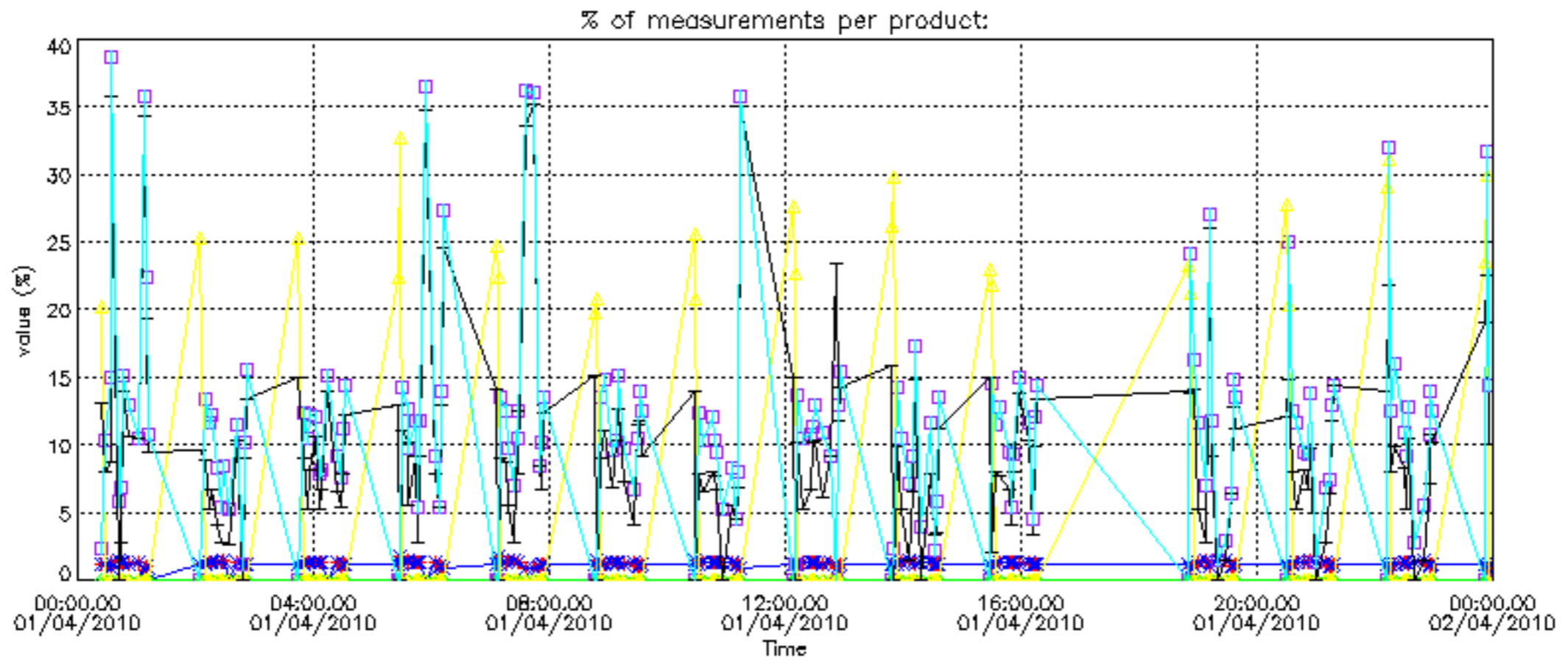
Percentage of flagged data per NO2 profile



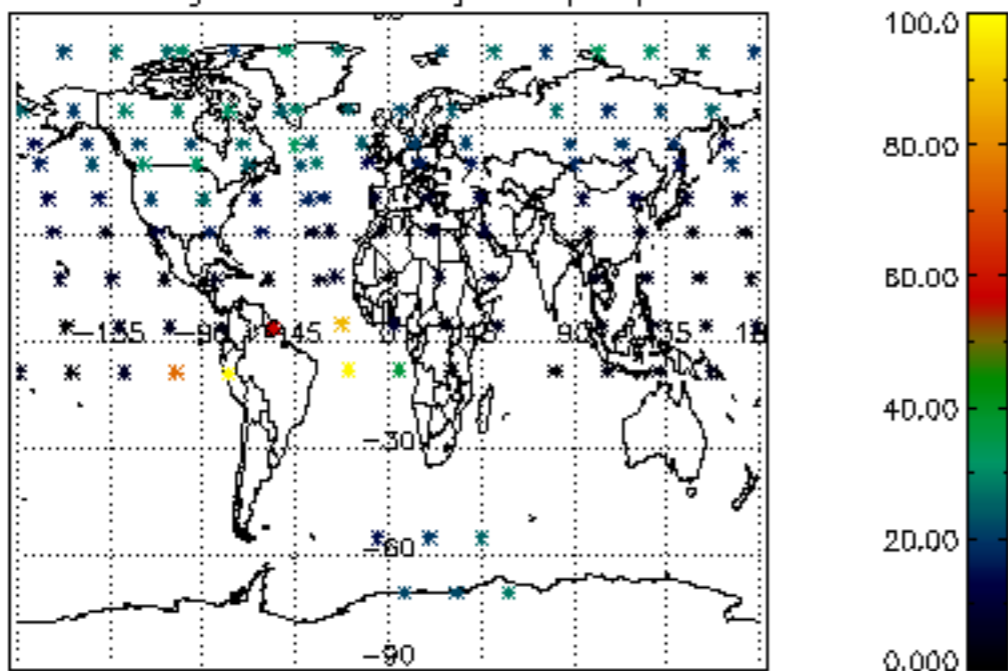
Percentage of flagged data per NO3 profile



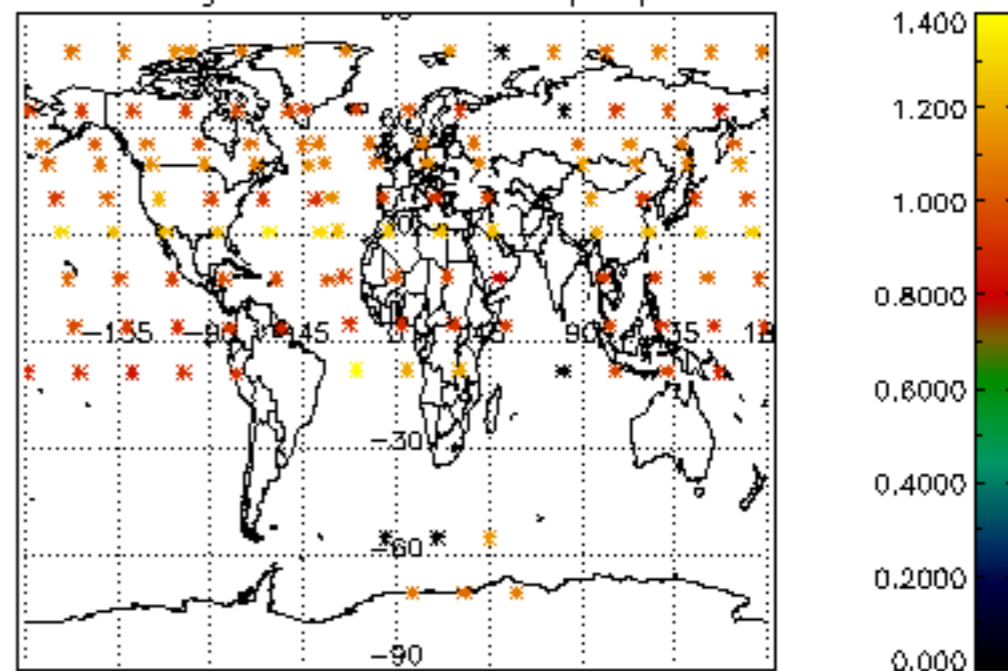




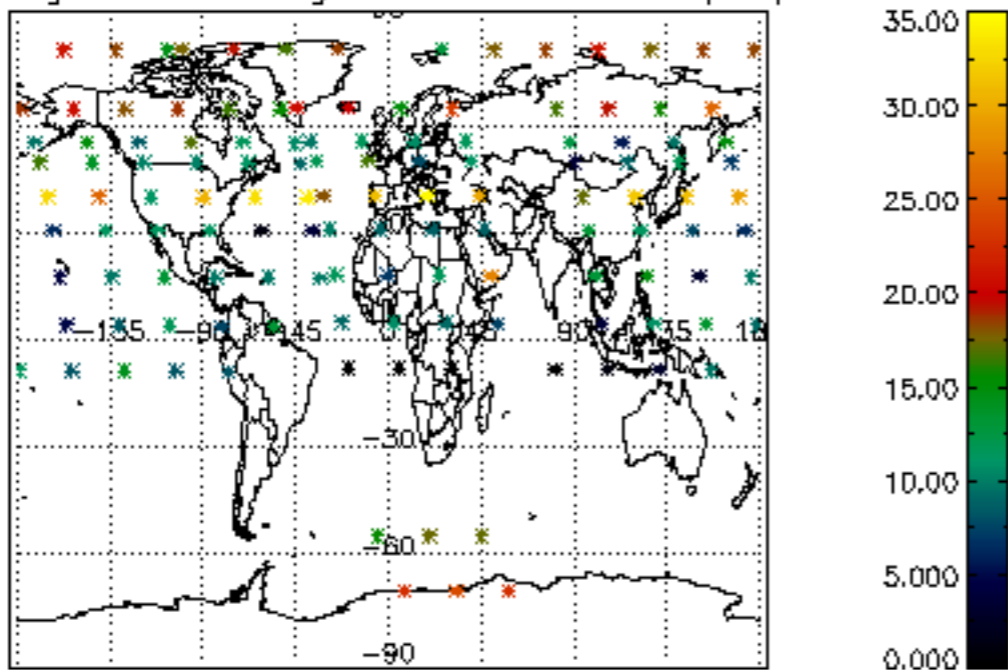
Percentage of cosmic ray hits per profile



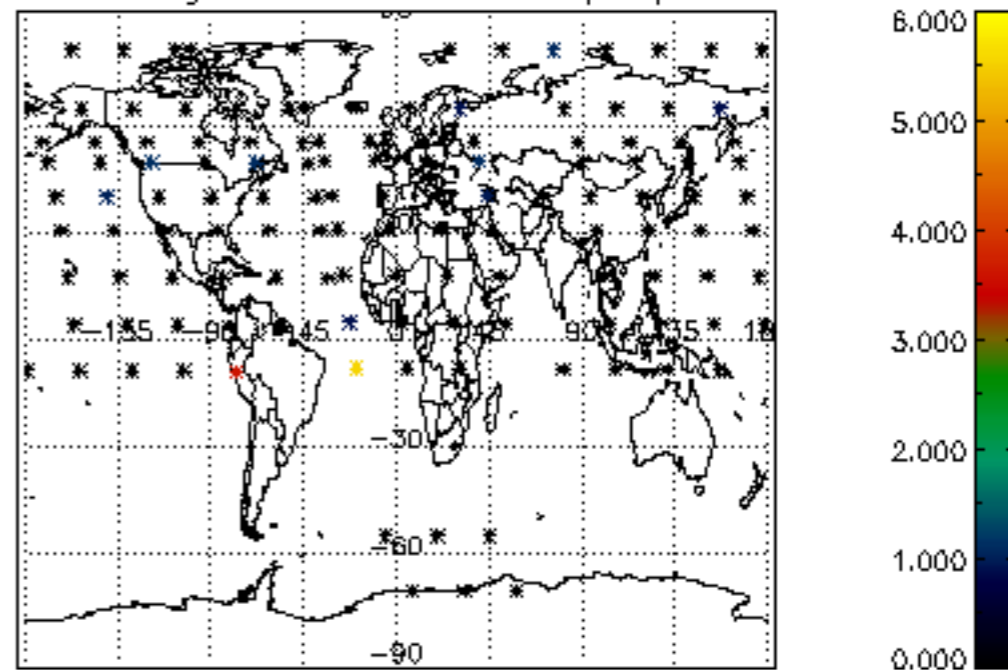
Percentage of datation errors per profile



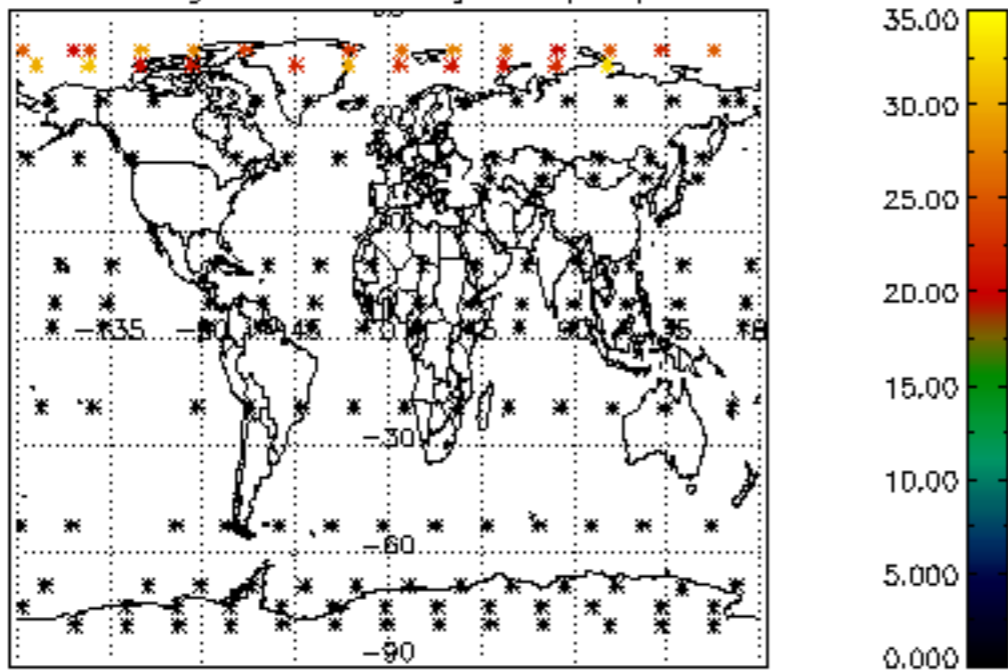
Percentage of star falling outside central band per profile



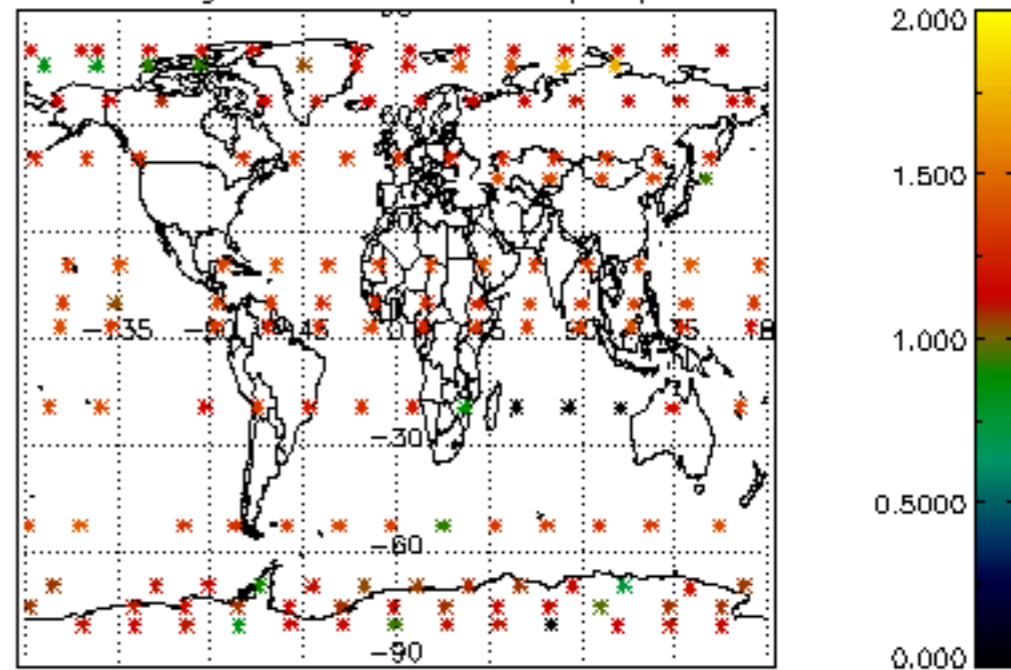
Percentage of saturation errors per profile



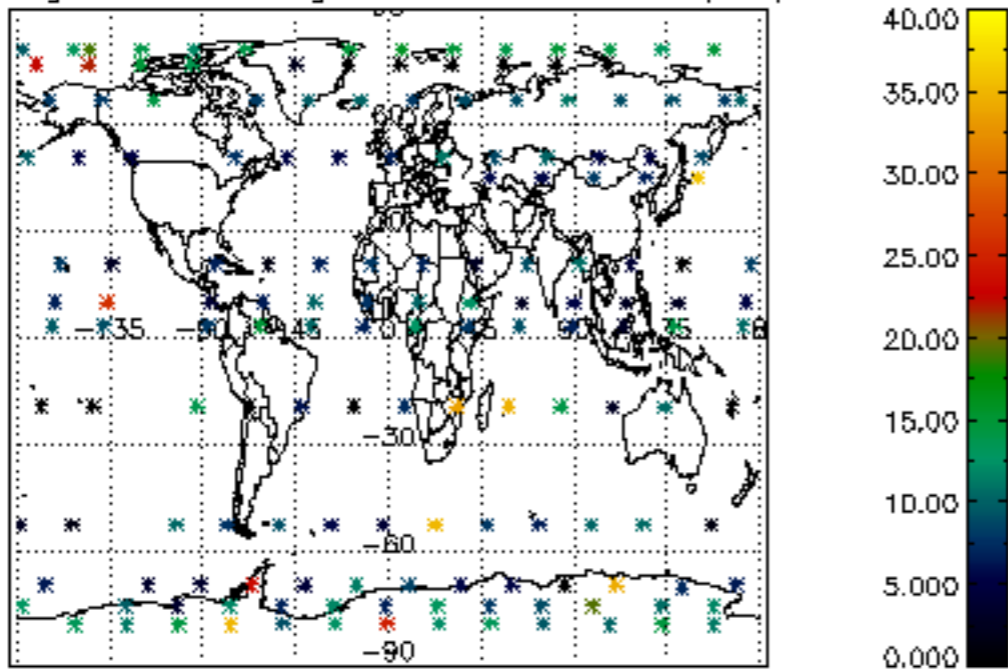
Percentage of cosmic ray hits per profile



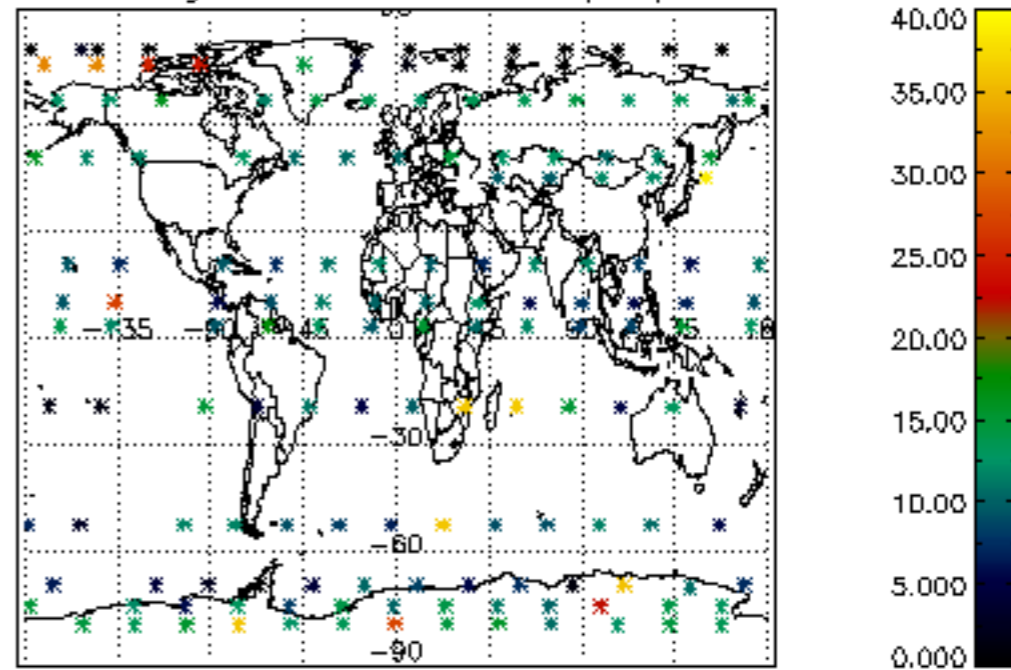
Percentage of datation errors per profile

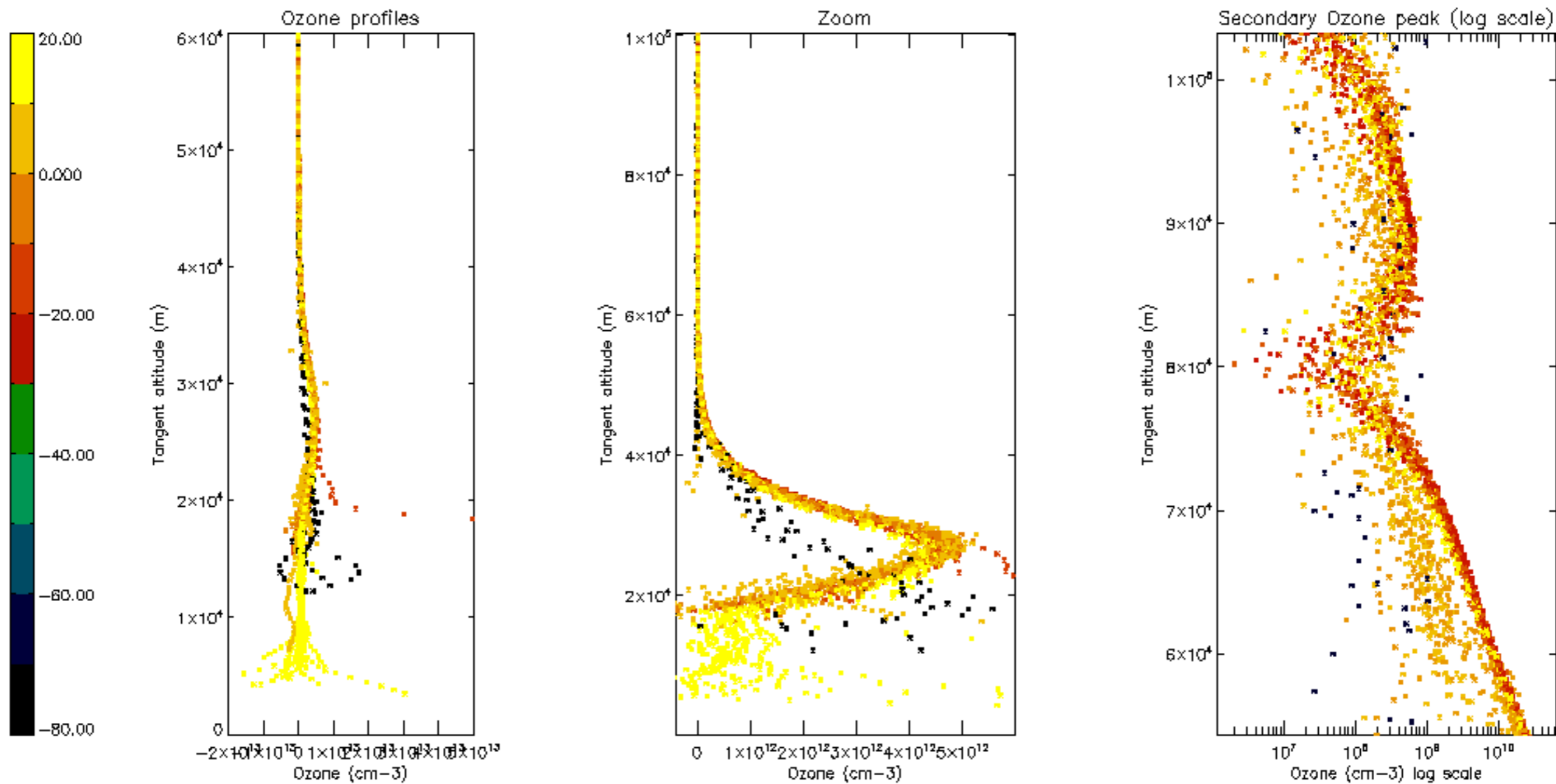


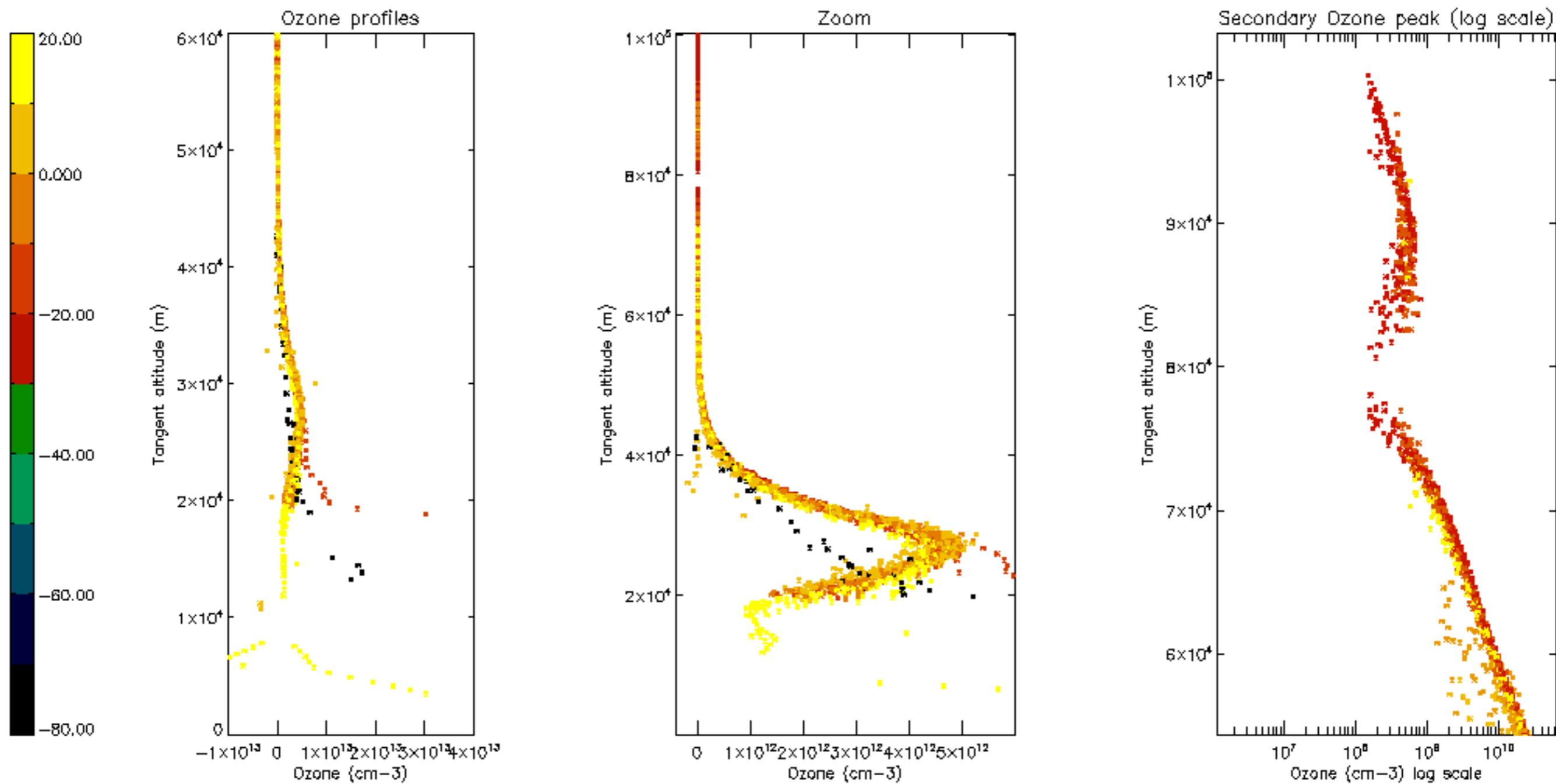
Percentage of star falling outside central band per profile

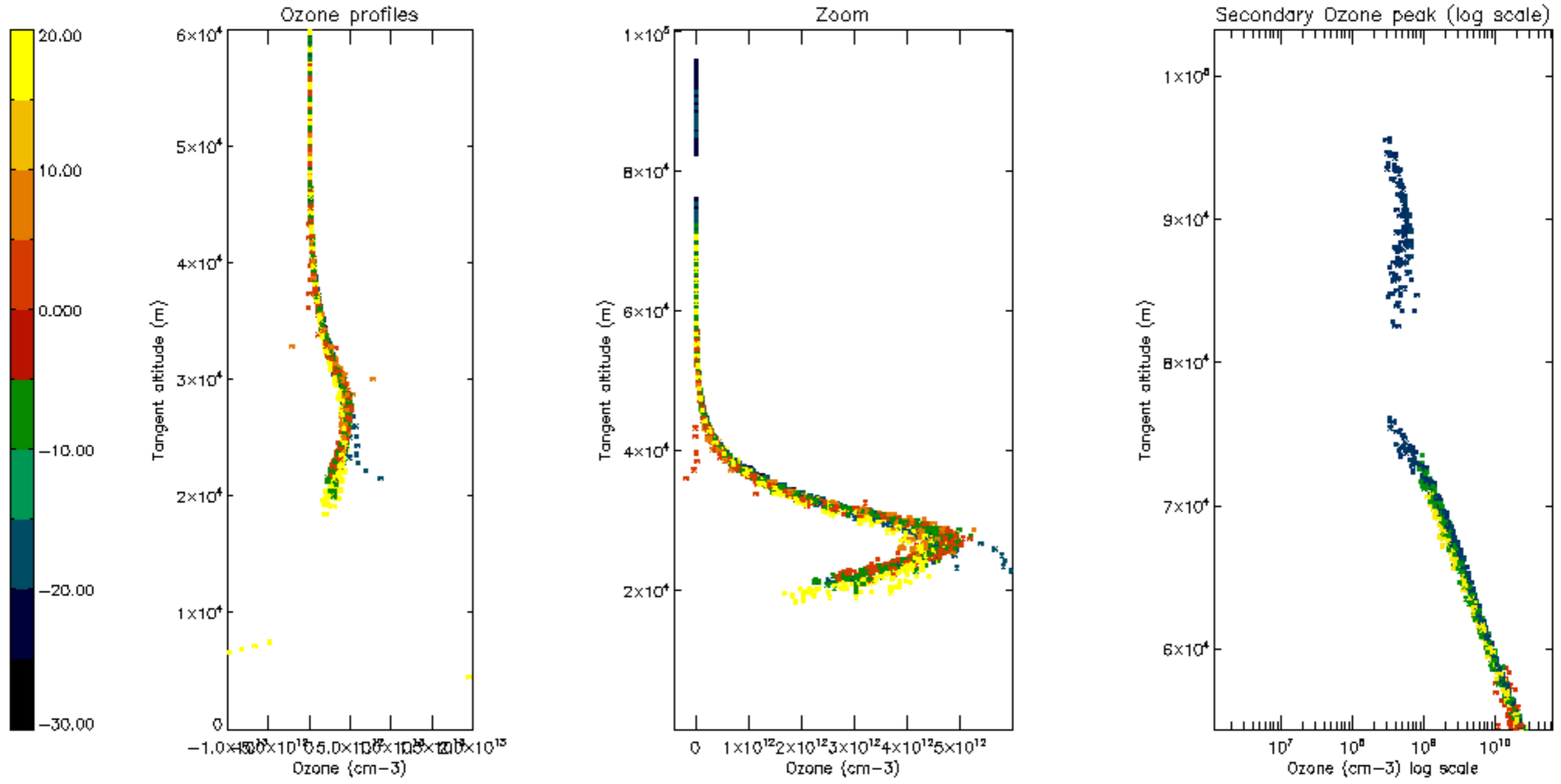


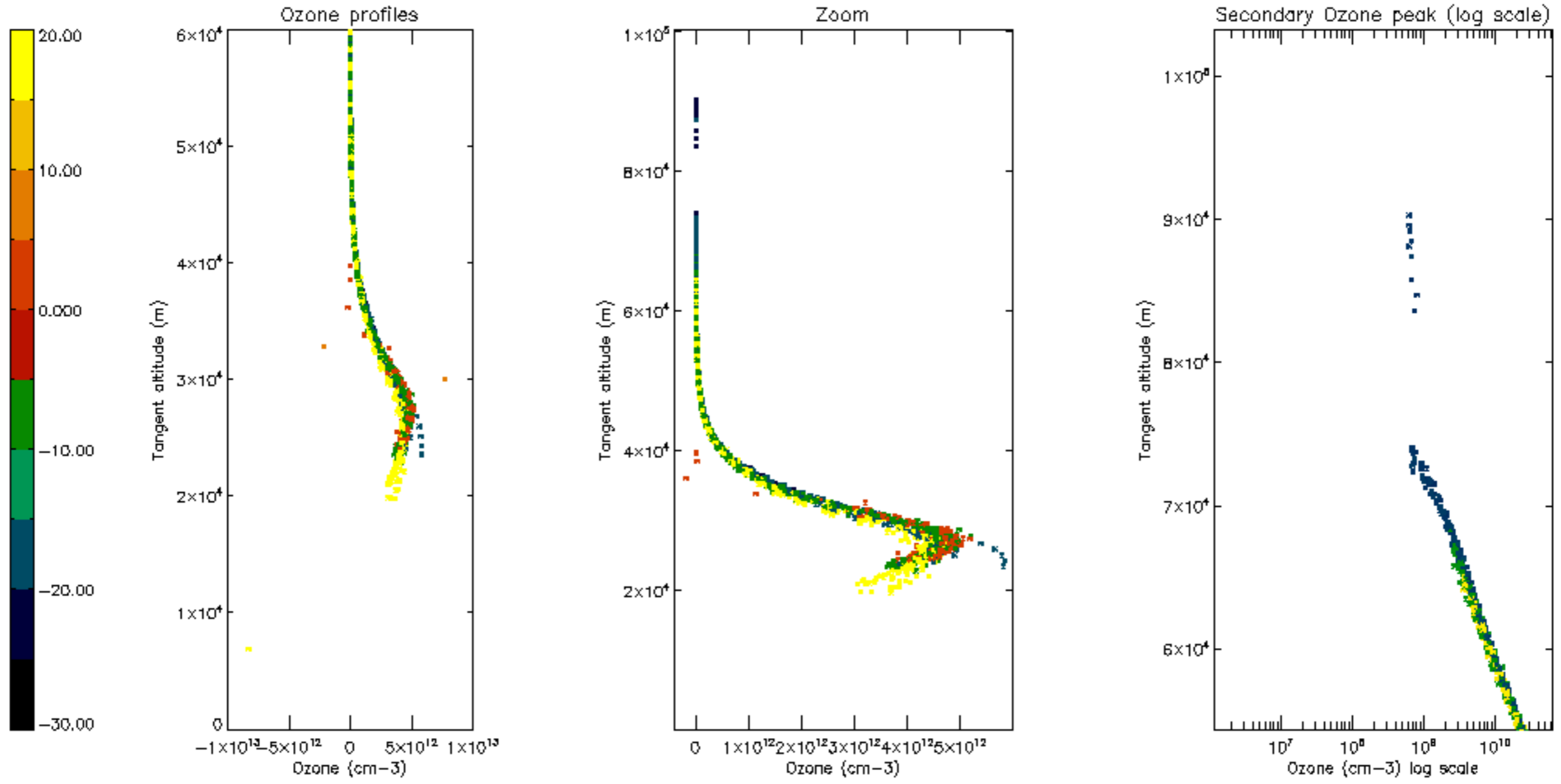
Percentage of saturation errors per profile

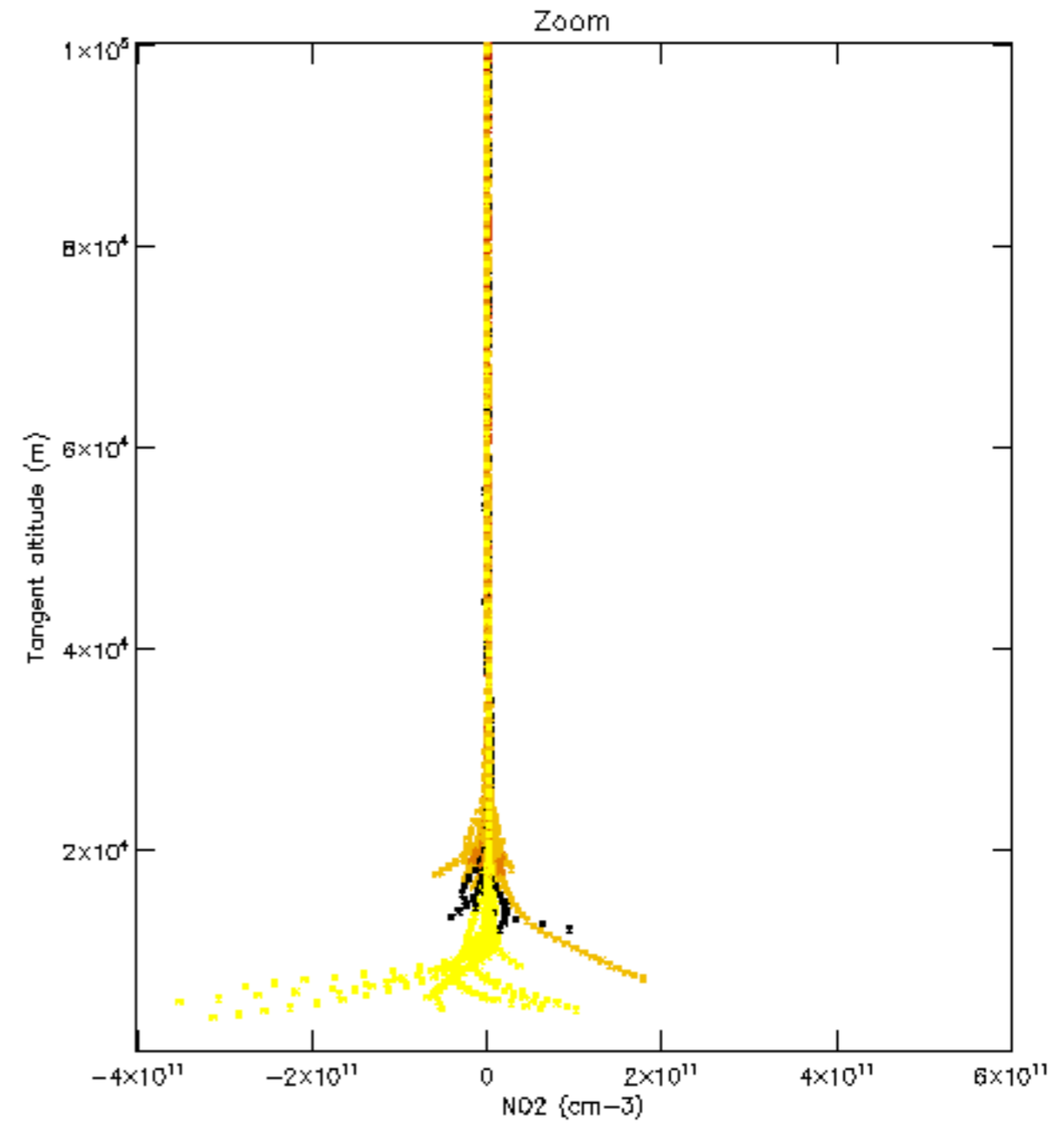
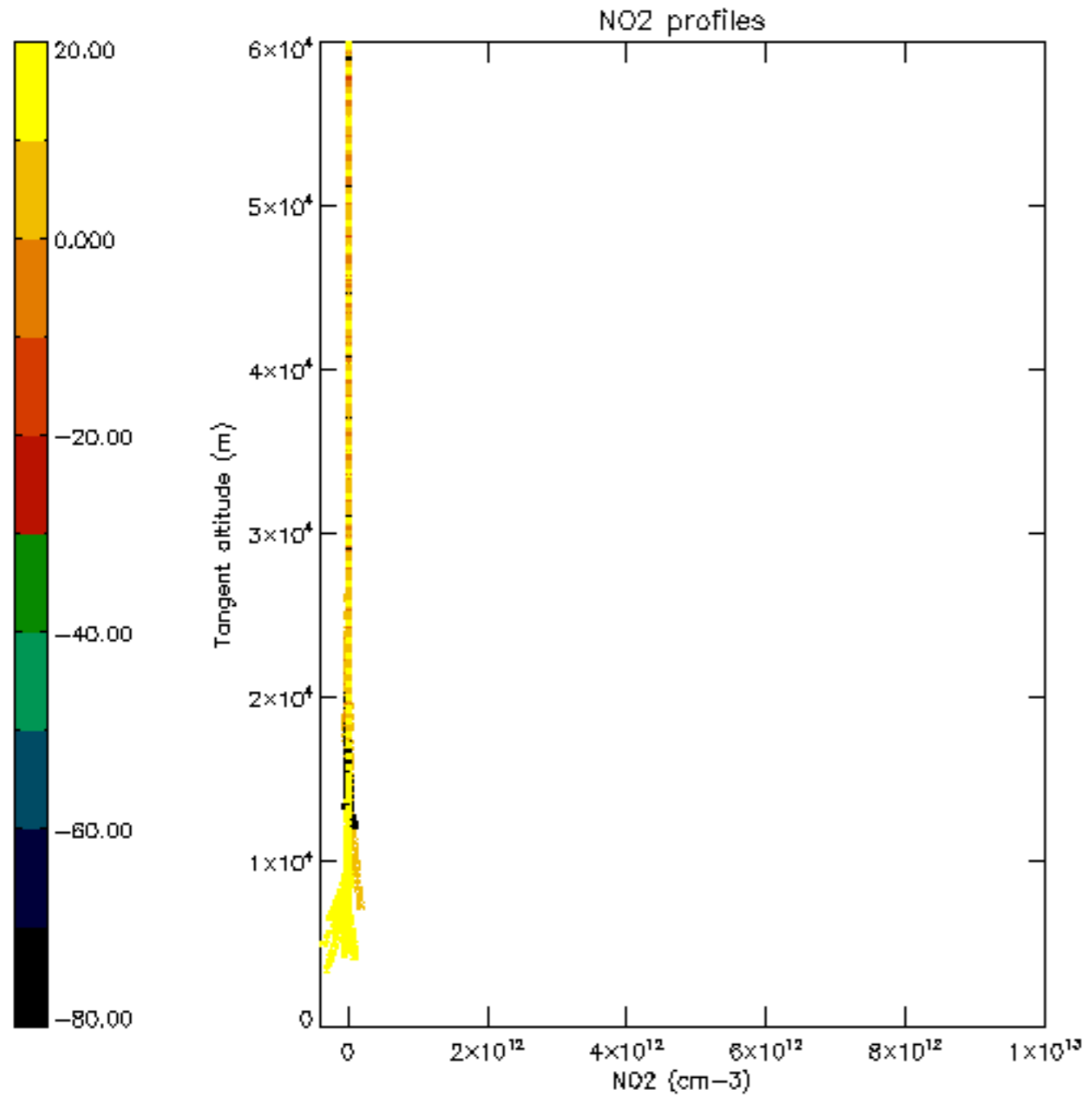


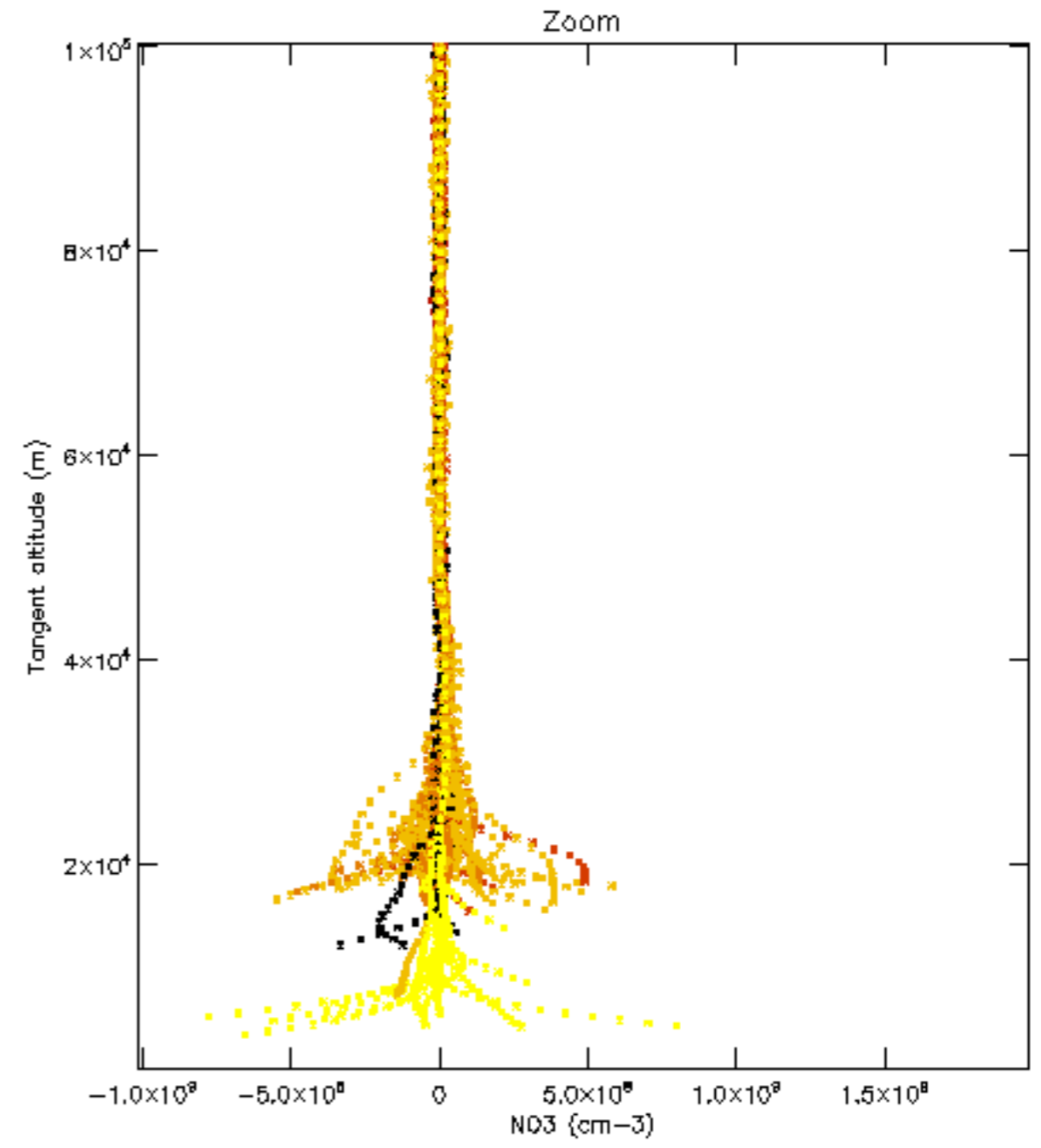
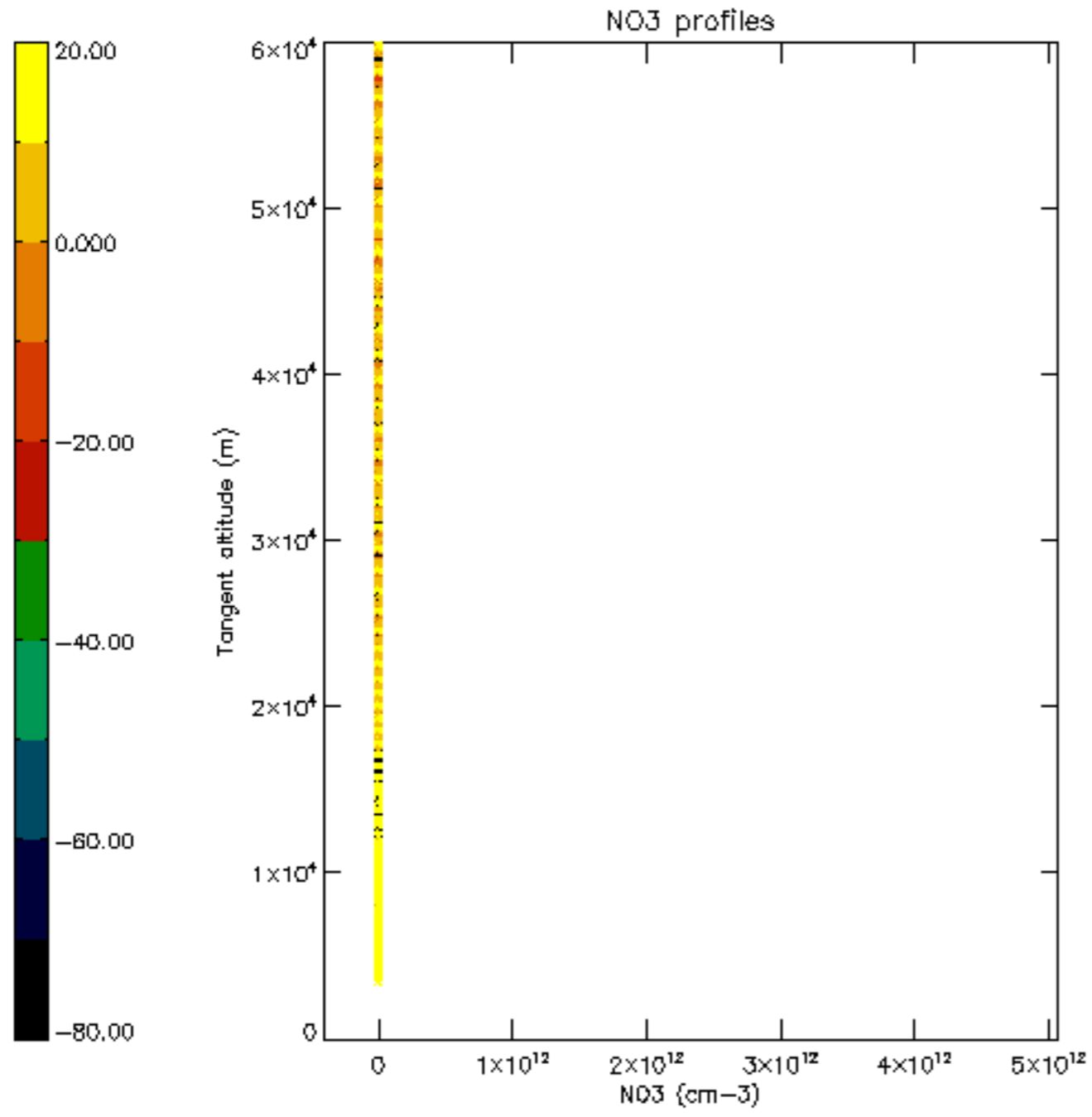


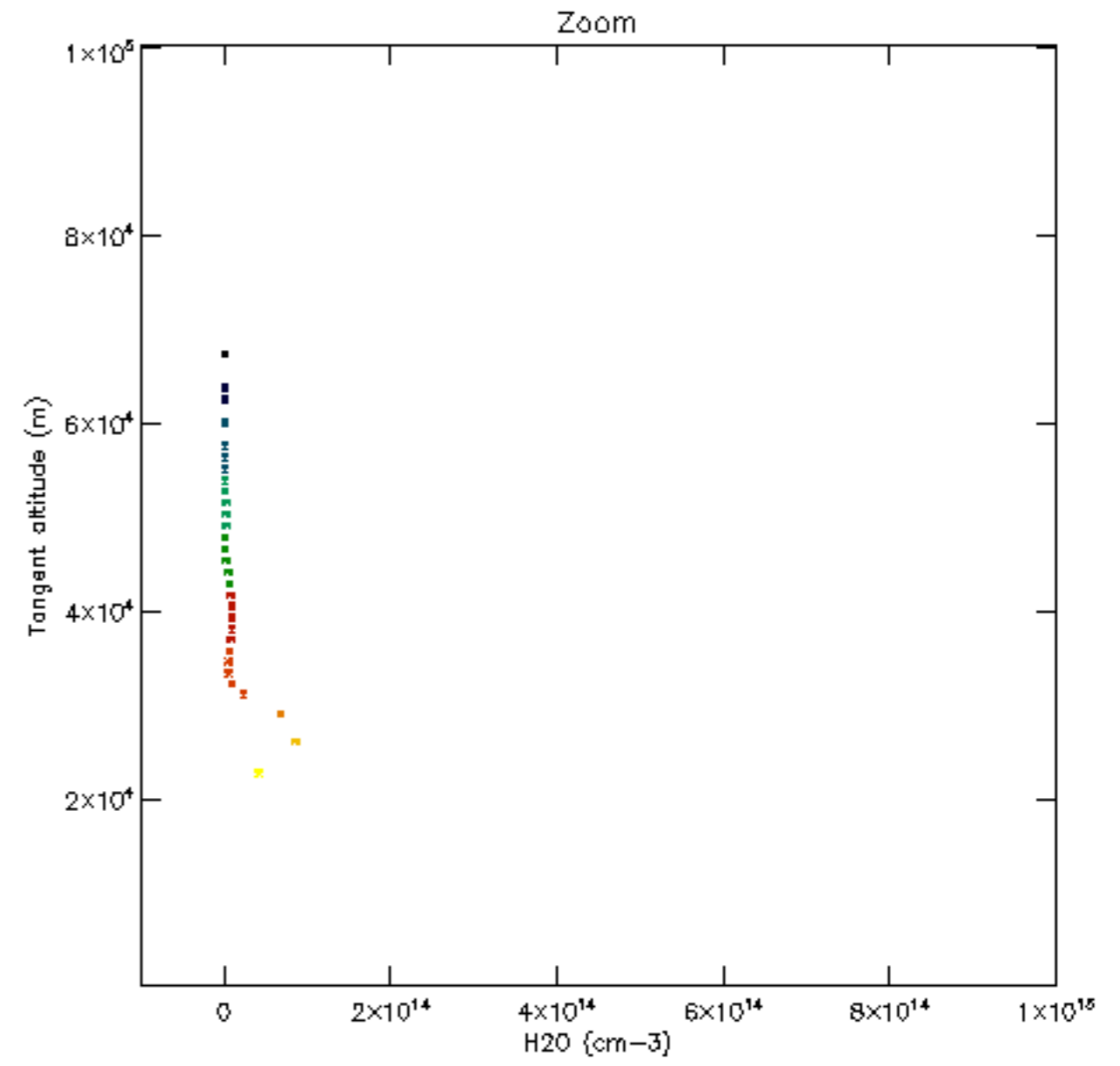
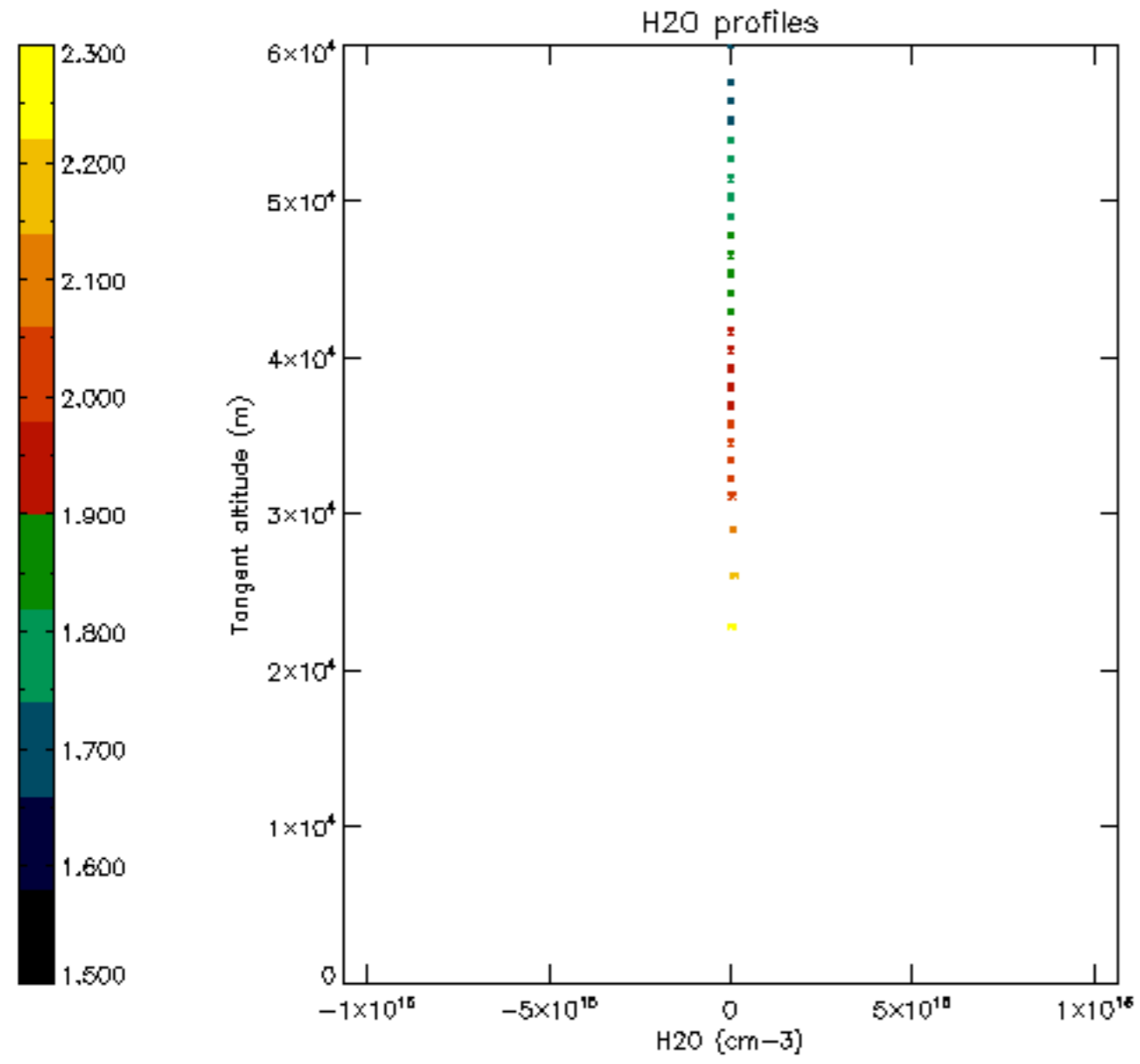


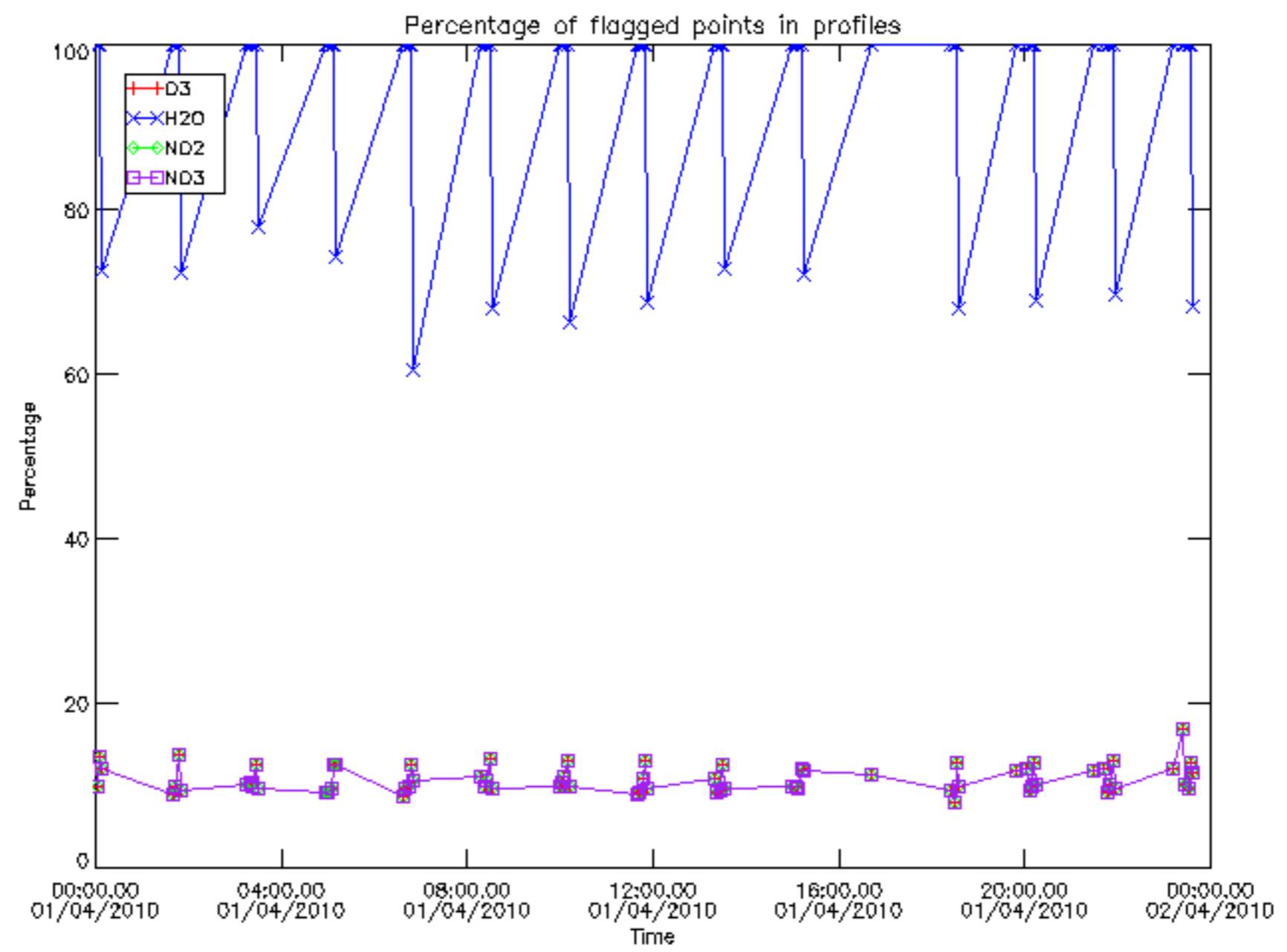




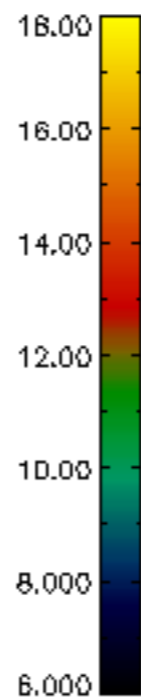
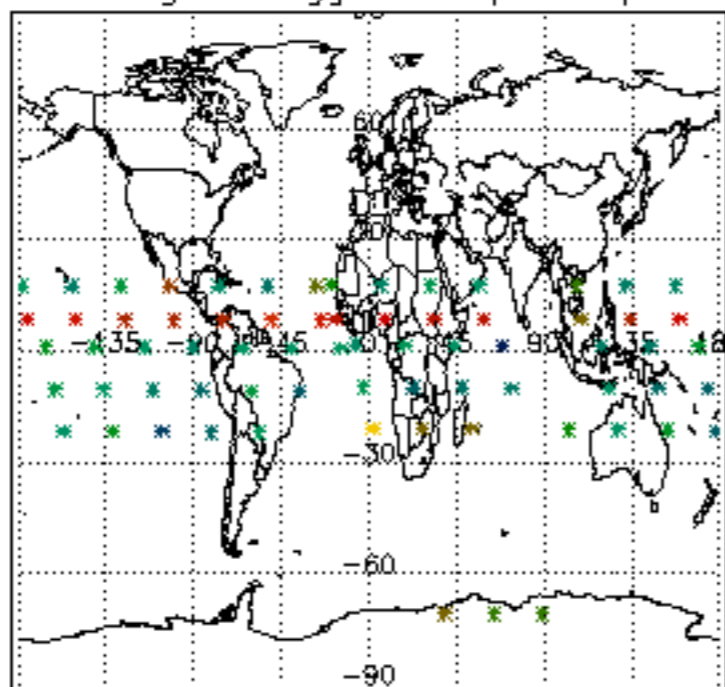




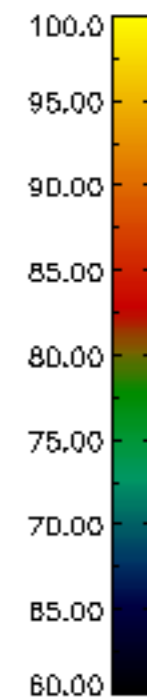
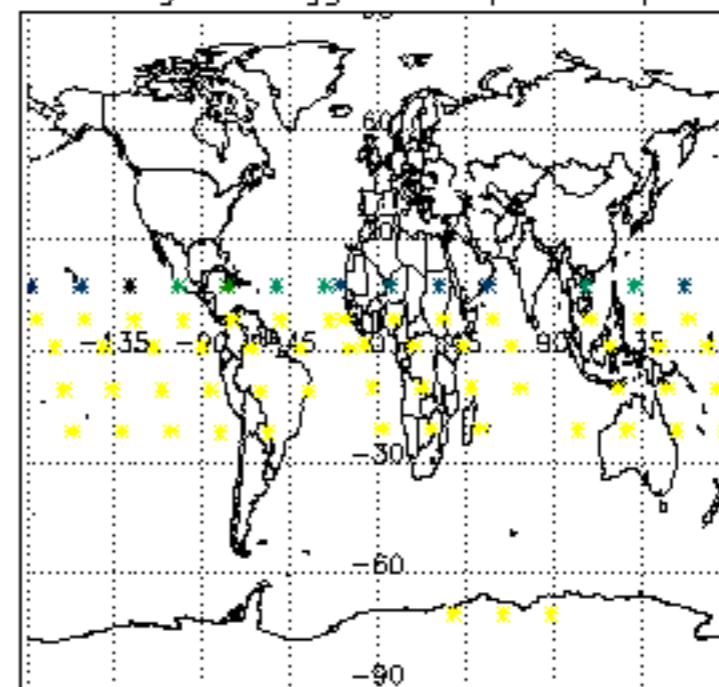




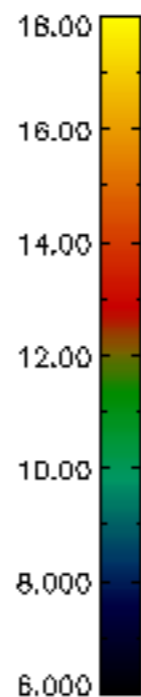
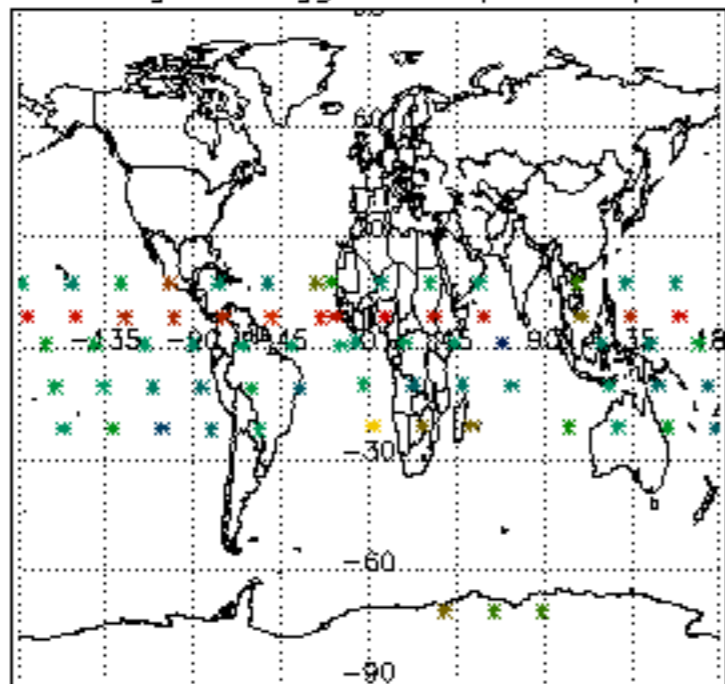
Percentage of flagged data per D3 profile



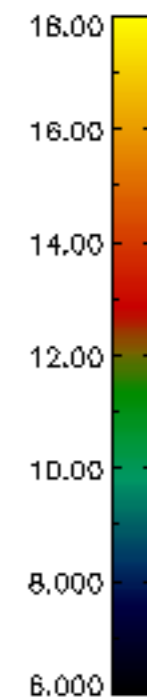
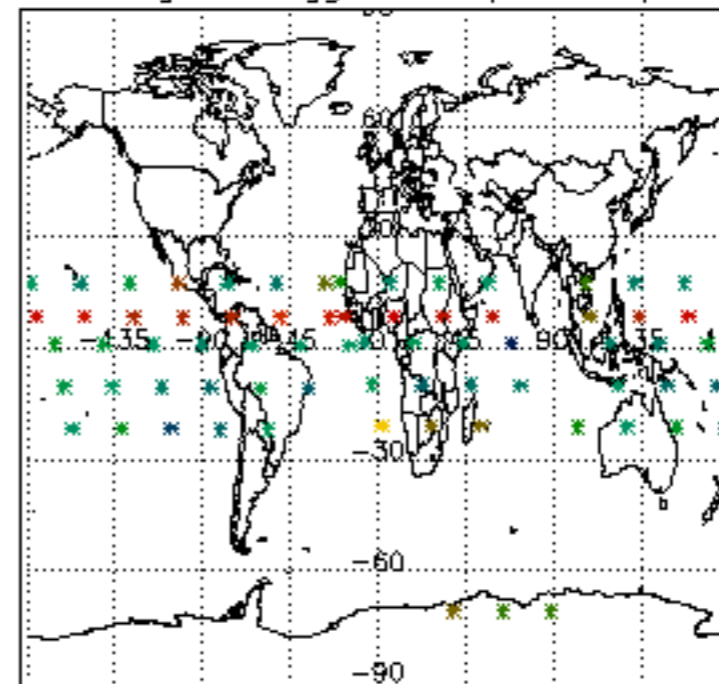
Percentage of flagged data per H2O profile

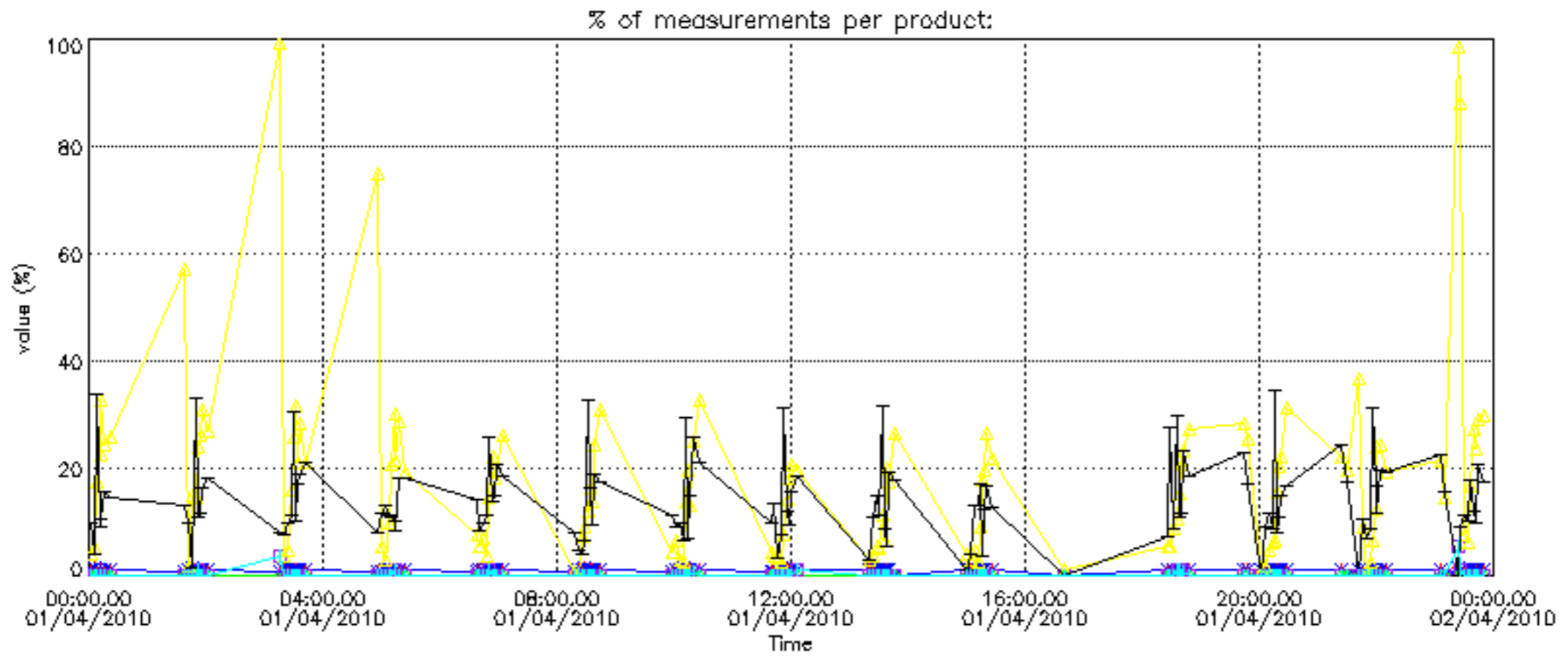


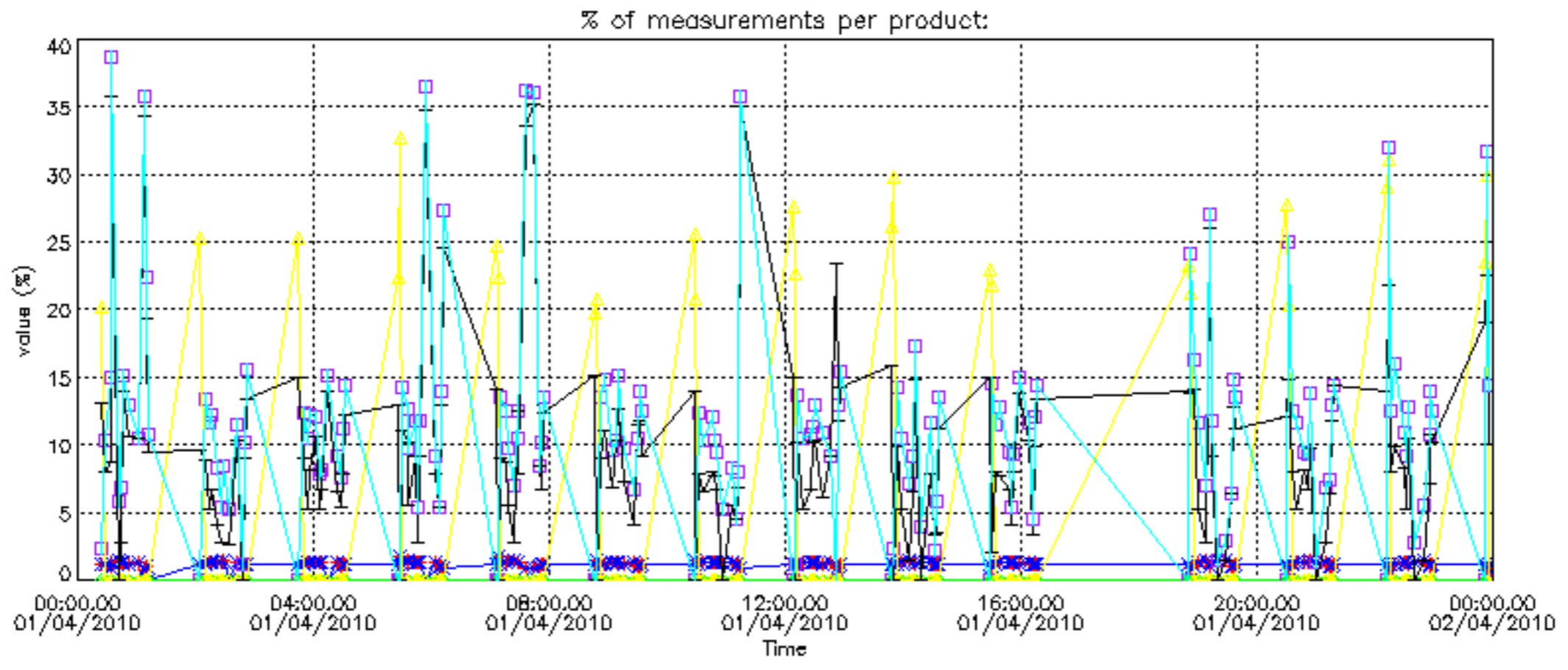
Percentage of flagged data per NO2 profile



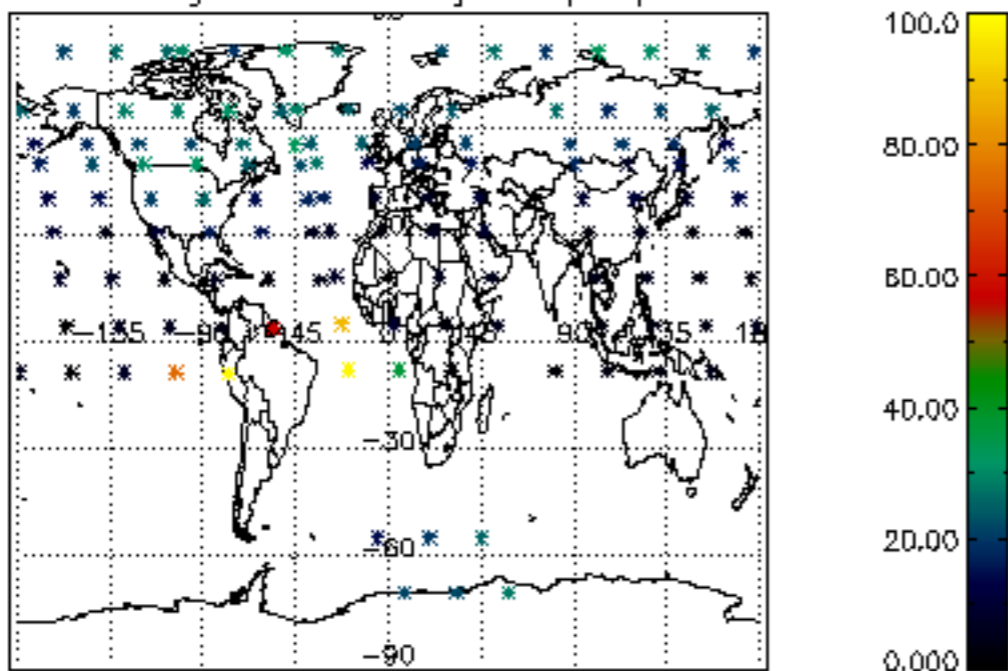
Percentage of flagged data per NO3 profile



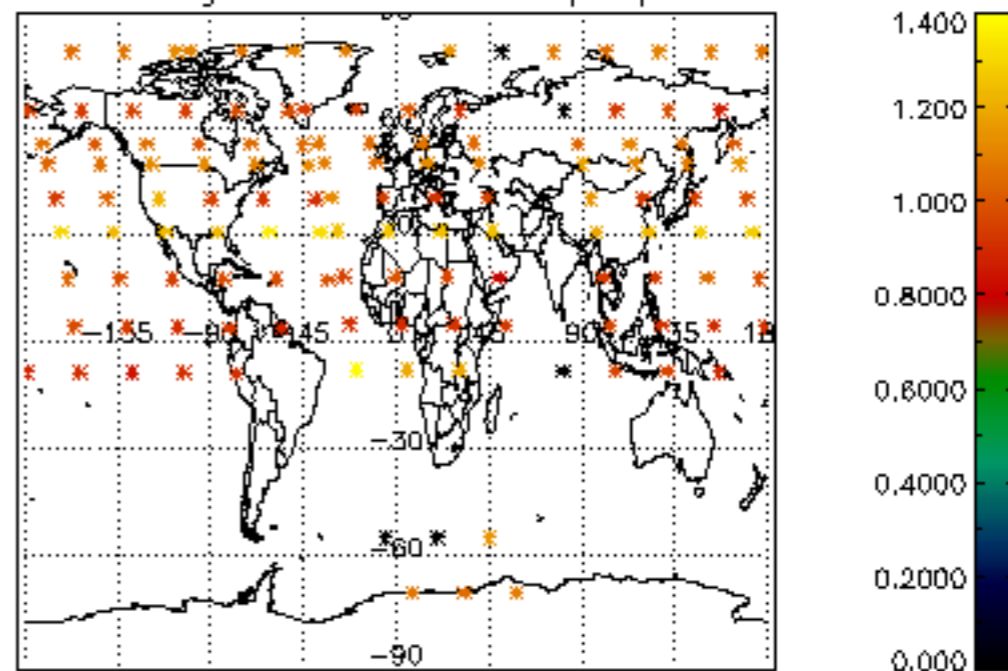




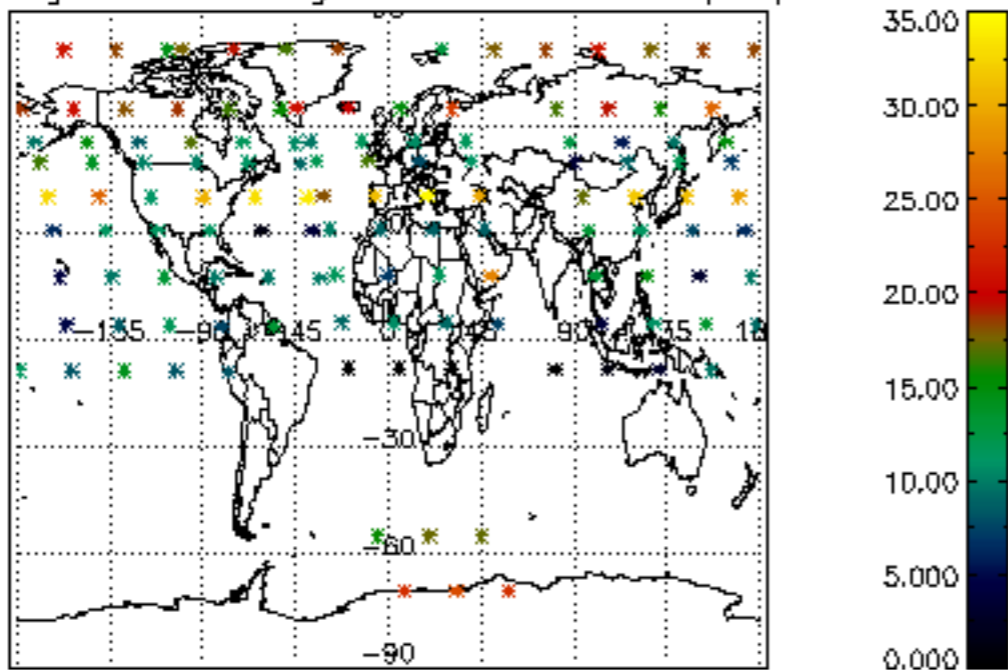
Percentage of cosmic ray hits per profile



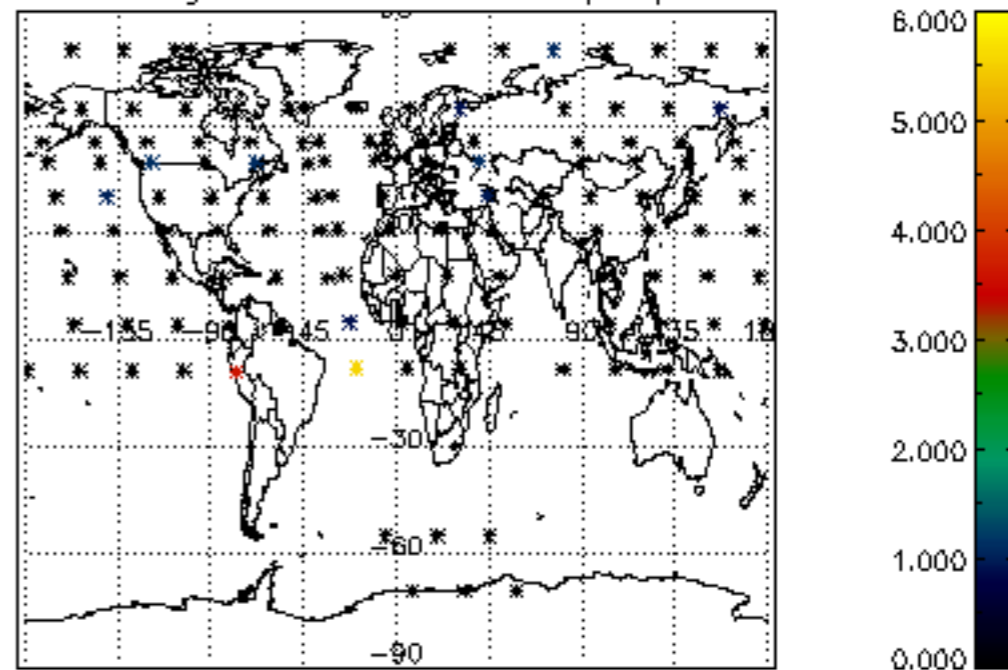
Percentage of datation errors per profile



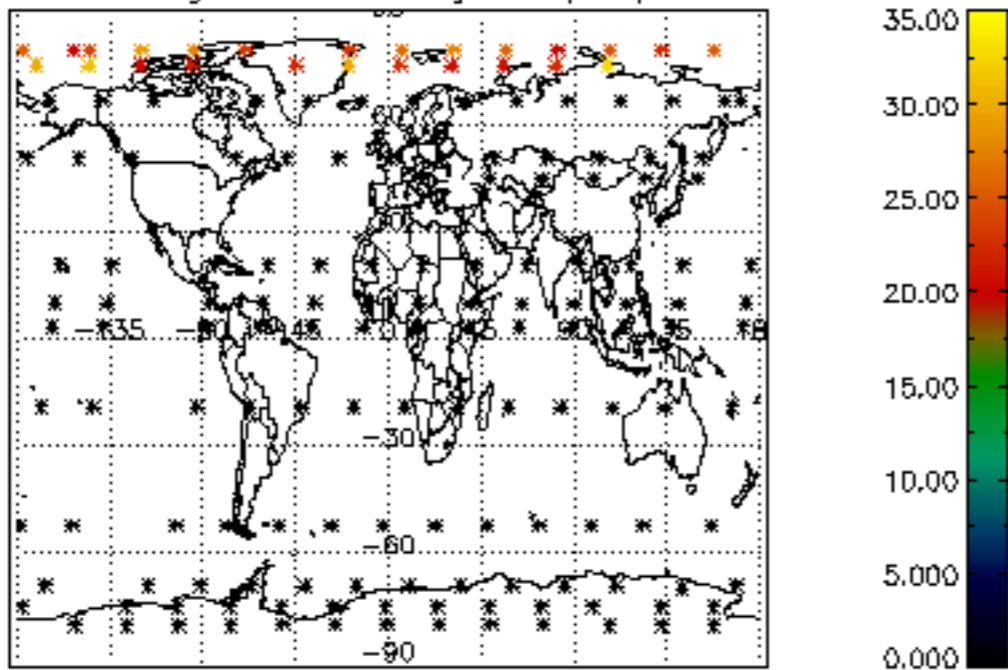
Percentage of star falling outside central band per profile



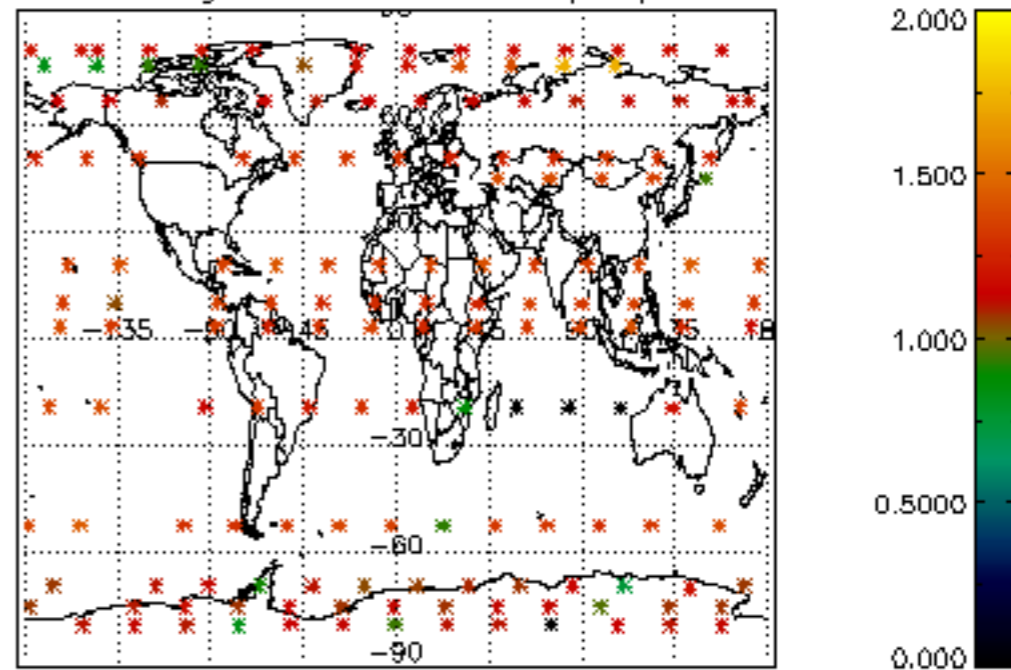
Percentage of saturation errors per profile



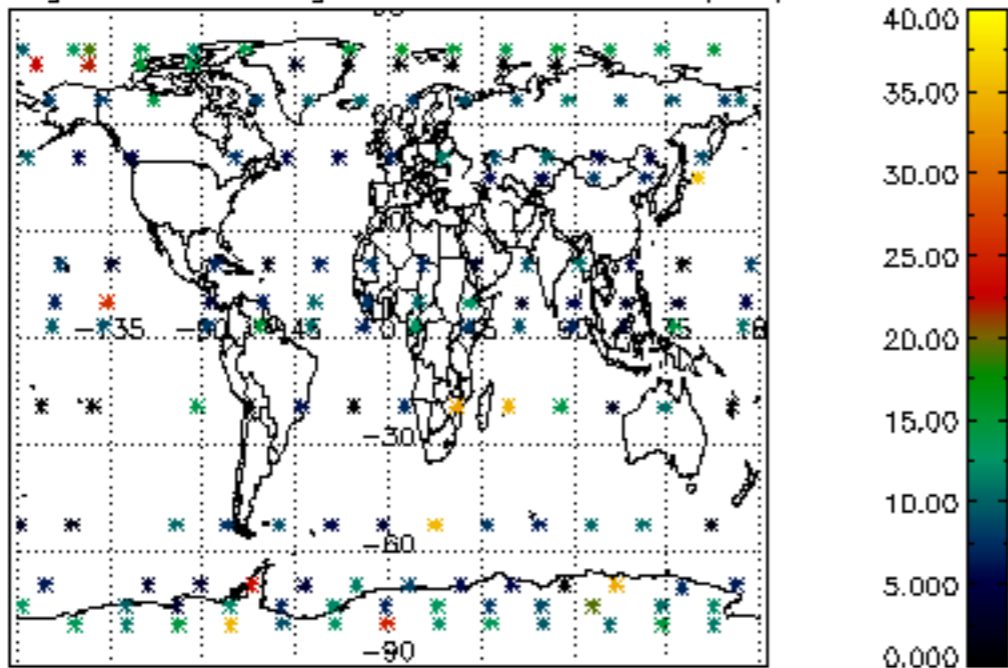
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

