

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 14:23:21
Data source version	GOMOS/6.01
Start time of products	18-05-2008 (18MAY2008 00:00:00)
Stop time of products	19-05-2008 (19MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	356
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__2PRFIN20080518_000006_000000352068_00374_32492_1086.N1	18-MAY-2008 00:00:06	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32492	No
2	GOM_NL__2PRFIN20080518_000229_000000402068_00374_32492_1087.N1	18-MAY-2008 00:02:29	Bright	39.500	83		2.3780	11000.	79	32492	No
3	GOM_NL__2PRFIN20080518_000537_000000362068_00374_32492_1088.N1	18-MAY-2008 00:05:37	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32492	No
4	GOM_NL__2PRFIN20080518_000837_000000362068_00374_32492_1089.N1	18-MAY-2008 00:08:37	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32492	No
5	GOM_NL__2PRFIN20080518_001408_000000392068_00374_32492_1090.N1	18-MAY-2008 00:14:08	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32492	No
6	GOM_NL__2PRFIN20080518_001551_000000372068_00374_32492_1091.N1	18-MAY-2008 00:15:51	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32492	No
7	GOM_NL__2PRFIN20080518_002017_000000362068_00374_32492_1092.N1	18-MAY-2008 00:20:17	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32492	No
8	GOM_NL__2PRFIN20080518_002829_000000462068_00374_32492_1093.N1	18-MAY-2008 00:28:29	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	32492	No
9	GOM_NL__2PRFIN20080518_002943_000000452068_00374_32492_1094.N1	18-MAY-2008 00:29:43	Bright	45.000	68	18Alp Cas	2.2250	4500.0	90	32492	No
10	GOM_NL__2PRFIN20080518_003811_000000482068_00374_32492_1095.N1	18-MAY-2008 00:38:11	Twilight	47.500	58	21Alp And	2.0730	11000.	95	32492	No
11	GOM_NL__2PRFIN20080518_004225_000000422068_00374_32492_1096.N1	18-MAY-2008 00:42:25	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	32492	No
12	GOM_NL__2PRFIN20080518_005110_000000442068_00374_32492_1097.N1	18-MAY-2008 00:51:10	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	32492	No
13	GOM_NL__2PRFIN20080518_005759_000000492068_00374_32492_1098.N1	18-MAY-2008 00:57:59	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	32492	No
14	GOM_NL__2PRFIN20080518_010214_000000472068_00374_32492_1099.N1	18-MAY-2008 01:02:14	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	32492	No
15	GOM_NL__2PRFIN20080518_010347_000000442068_00375_32493_1088.N1	18-MAY-2008 01:03:47	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32493	No
16	GOM_NL__2PRFIN20080518_010523_000000402068_00375_32493_1089.N1	18-MAY-2008 01:05:23	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	32493	No
17	GOM_NL__2PRFIN20080518_010918_000000412068_00375_32493_1090.N1	18-MAY-2008 01:09:18	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32493	No
18	GOM_NL__2PRFIN20080518_011622_000000452068_00375_32493_1091.N1	18-MAY-2008 01:16:22	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	32493	No
19	GOM_NL__2PRFIN20080518_011901_000000502068_00375_32493_1092.N1	18-MAY-2008 01:19:01	Straylight	50.000	40	The Sco	1.8590	7100.0	100	32493	No
20	GOM_NL__2PRFIN20080518_012052_000000452068_00375_32493_1093.N1	18-MAY-2008 01:20:52	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	32493	No
21	GOM_NL__2PRFIN20080518_012307_000000482068_00375_32493_1094.N1	18-MAY-2008 01:23:07	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	32493	No
22	GOM_NL__2PRFIN20080518_012608_000000642068_00375_32493_1095.N1	18-MAY-2008 01:26:08	Twilight	64.000	16	21Alp Sco	1.0200	3000.0	128	32493	No
23	GOM_NL__2PRFIN20080518_012840_000000452068_00375_32493_1096.N1	18-MAY-2008 01:28:40	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	32493	No
24	GOM_NL__2PRFIN20080518_013028_000000372068_00375_32493_1097.N1	18-MAY-2008 01:30:28	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32493	No
25	GOM_NL__2PRFIN20080518_013216_000000392068_00375_32493_1098.N1	18-MAY-2008 01:32:16	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32493	No
26	GOM_NL__2PRFIN20080518_013726_000000432068_00375_32493_1099.N1	18-MAY-2008 01:37:26	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32493	No
27	GOM_NL__2PRFIN20080518_014041_000000352068_00375_32493_1100.N1	18-MAY-2008 01:40:41	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32493	No
28	GOM_NL__2PRFIN20080518_014304_000000382068_00375_32493_1101.N1	18-MAY-2008 01:43:04	Bright	37.500	83		2.3780	11000.	75	32493	No
29	GOM_NL__2PRFIN20080518_014613_000000362068_00375_32493_1102.N1	18-MAY-2008 01:46:13	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32493	No
30	GOM_NL__2PRFIN20080518_014913_000000342068_00375_32493_1103.N1	18-MAY-2008 01:49:13	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	32493	No
31	GOM_NL__2PRFIN20080518_015444_000000402068_00375_32493_1104.N1	18-MAY-2008 01:54:44	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32493	No
32	GOM_NL__2PRFIN20080518_015626_000000362068_00375_32493_1105.N1	18-MAY-2008 01:56:26	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32493	No
33	GOM_NL__2PRFIN20080518_020053_000000352068_00375_32493_1106.N1	18-MAY-2008 02:00:53	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	32493	No
34	GOM_NL__2PRFIN20080518_020905_000000532068_00375_32493_1107.N1	18-MAY-2008 02:09:05	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32493	No
35	GOM_NL__2PRFIN20080518_021018_000000422068_00375_32493_1108.N1	18-MAY-2008 02:10:18	Bright	41.500	68	18Alp Cas	2.2250	4500.0	83	32493	No
36	GOM_NL__2PRFIN20080518_021848_000000442068_00375_32493_1109.N1	18-MAY-2008 02:18:48	Twilight	43.500	58	21Alp And	2.0730	11000.	87	32493	No
37	GOM_NL__2PRFIN20080518_022302_000000442068_00375_32493_1110.N1	18-MAY-2008 02:23:02	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	32493	No
38	GOM_NL__2PRFIN20080518_023147_000000452068_00375_32493_1111.N1	18-MAY-2008 02:31:47	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32493	No
39	GOM_NL__2PRFIN20080518_023836_000000492068_00375_32493_1112.N1	18-MAY-2008 02:38:36	Dark	48.500	18	24Alp PsA	1.1660	9700.0	97	32493	No
40	GOM_NL__2PRFIN20080518_024251_000000492068_00375_32493_1113.N1	18-MAY-2008 02:42:51	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	32493	No
41	GOM_NL__2PRFIN20080518_024424_000000432068_00376_32494_1110.N1	18-MAY-2008 02:44:24	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32494	No
42	GOM_NL__2PRFIN20080518_024600_000000392068_00376_32494_1111.N1	18-MAY-2008 02:46:00	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32494	No

43	GOM_NL__2PRFIN20080518_024955_000000422068_00376_32494_1112.N1	18-MAY-2008 02:49:55	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32494	No
44	GOM_NL__2PRFIN20080518_025659_000000432068_00376_32494_1113.N1	18-MAY-2008 02:56:59	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	32494	No
45	GOM_NL__2PRFIN20080518_025937_000000512068_00376_32494_1114.N1	18-MAY-2008 02:59:37	Straylight	51.000	40	The Sco	1.8590	7100.0	102	32494	No
46	GOM_NL__2PRFIN20080518_030129_000000492068_00376_32494_1115.N1	18-MAY-2008 03:01:29	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	32494	No
47	GOM_NL__2PRFIN20080518_030319_000000382068_00376_32494_1116.N1	18-MAY-2008 03:03:19	Straylight	38.000	131	Gam Lup	2.8000	26000.	76	32494	No
48	GOM_NL__2PRFIN20080518_030644_000000542068_00376_32494_1117.N1	18-MAY-2008 03:06:44	Twilight_stray	53.500	16	21Alp Sco	1.0200	3000.0	107	32494	No
49	GOM_NL__2PRFIN20080518_030916_000000442068_00376_32494_1118.N1	18-MAY-2008 03:09:16	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	32494	No
50	GOM_NL__2PRFIN20080518_031104_000000382068_00376_32494_1119.N1	18-MAY-2008 03:11:04	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	32494	No
51	GOM_NL__2PRFIN20080518_031252_000000392068_00376_32494_1120.N1	18-MAY-2008 03:12:52	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32494	No
52	GOM_NL__2PRFIN20080518_031801_000000432068_00376_32494_1121.N1	18-MAY-2008 03:18:01	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32494	No
53	GOM_NL__2PRFIN20080518_032117_000000362068_00376_32494_1122.N1	18-MAY-2008 03:21:17	Bright	35.500	3	16Alp Boo	-0.050000	4250.0	71	32494	No
54	GOM_NL__2PRFIN20080518_032340_000000372068_00376_32494_1123.N1	18-MAY-2008 03:23:40	Bright	37.000	83		2.3780	11000.	74	32494	No
55	GOM_NL__2PRFIN20080518_032649_000000352068_00376_32494_1124.N1	18-MAY-2008 03:26:49	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	32494	No
56	GOM_NL__2PRFIN20080518_032949_000000372068_00376_32494_1125.N1	18-MAY-2008 03:29:49	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	32494	No
57	GOM_NL__2PRFIN20080518_033519_000000402068_00376_32494_1126.N1	18-MAY-2008 03:35:19	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32494	No
58	GOM_NL__2PRFIN20080518_033702_000000382068_00376_32494_1127.N1	18-MAY-2008 03:37:02	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32494	No
59	GOM_NL__2PRFIN20080518_034129_000000362068_00376_32494_1128.N1	18-MAY-2008 03:41:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32494	No
60	GOM_NL__2PRFIN20080518_034941_000000532068_00376_32494_1129.N1	18-MAY-2008 03:49:41	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32494	No
61	GOM_NL__2PRFIN20080518_035054_000000542068_00376_32494_1130.N1	18-MAY-2008 03:50:54	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	32494	No
62	GOM_NL__2PRFIN20080518_035924_000000462068_00376_32494_1131.N1	18-MAY-2008 03:59:24	Twilight_stray	46.000	58	21Alp And	2.0730	11000.	92	32494	No
63	GOM_NL__2PRFIN20080518_040338_000000452068_00376_32494_1132.N1	18-MAY-2008 04:03:38	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	32494	No
64	GOM_NL__2PRFIN20080518_041223_000000432068_00376_32494_1133.N1	18-MAY-2008 04:12:23	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32494	No
65	GOM_NL__2PRFIN20080518_041913_000000492068_00376_32494_1134.N1	18-MAY-2008 04:19:13	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	32494	No
66	GOM_NL__2PRFIN20080518_042328_000000472068_00376_32494_1135.N1	18-MAY-2008 04:23:28	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	32494	No
67	GOM_NL__2PRFIN20080518_042500_000000442068_00377_32495_1125.N1	18-MAY-2008 04:25:00	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32495	No
68	GOM_NL__2PRFIN20080518_042636_000000392068_00377_32495_1126.N1	18-MAY-2008 04:26:36	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	32495	No
69	GOM_NL__2PRFIN20080518_043031_000000412068_00377_32495_1127.N1	18-MAY-2008 04:30:31	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32495	No
70	GOM_NL__2PRFIN20080518_043735_000000462068_00377_32495_1128.N1	18-MAY-2008 04:37:35	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	32495	No
71	GOM_NL__2PRFIN20080518_044014_000000502068_00377_32495_1129.N1	18-MAY-2008 04:40:14	Straylight	50.000	40	The Sco	1.8590	7100.0	100	32495	No
72	GOM_NL__2PRFIN20080518_044205_000000492068_00377_32495_1130.N1	18-MAY-2008 04:42:05	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	32495	No
73	GOM_NL__2PRFIN20080518_044356_000000382068_00377_32495_1131.N1	18-MAY-2008 04:43:56	Straylight	38.000	131	Gam Lup	2.8000	26000.	76	32495	No
74	GOM_NL__2PRFIN20080518_044720_000000632068_00377_32495_1132.N1	18-MAY-2008 04:47:20	Twilight_stray	62.500	16	21Alp Sco	1.0200	3000.0	125	32495	No
75	GOM_NL__2PRFIN20080518_044952_000000442068_00377_32495_1133.N1	18-MAY-2008 04:49:52	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	32495	No
76	GOM_NL__2PRFIN20080518_045140_000000382068_00377_32495_1134.N1	18-MAY-2008 04:51:40	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	32495	No
77	GOM_NL__2PRFIN20080518_045328_000000392068_00377_32495_1135.N1	18-MAY-2008 04:53:28	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32495	No
78	GOM_NL__2PRFIN20080518_045837_000000432068_00377_32495_1136.N1	18-MAY-2008 04:58:37	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	32495	No
79	GOM_NL__2PRFIN20080518_050153_000000352068_00377_32495_1137.N1	18-MAY-2008 05:01:53	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32495	No
80	GOM_NL__2PRFIN20080518_050416_000000392068_00377_32495_1138.N1	18-MAY-2008 05:04:16	Bright	38.500	83		2.3780	11000.	77	32495	No
81	GOM_NL__2PRFIN20080518_050725_000000372068_00377_32495_1139.N1	18-MAY-2008 05:07:25	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	32495	No
82	GOM_NL__2PRFIN20080518_051025_000000362068_00377_32495_1140.N1	18-MAY-2008 05:10:25	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32495	No
83	GOM_NL__2PRFIN20080518_051555_000000412068_00377_32495_1141.N1	18-MAY-2008 05:15:55	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	32495	No
84	GOM_NL__2PRFIN20080518_051738_000000382068_00377_32495_1142.N1	18-MAY-2008 05:17:38	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32495	No
85	GOM_NL__2PRFIN20080518_052205_000000362068_00377_32495_1143.N1	18-MAY-2008 05:22:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32495	No
86	GOM_NL__2PRFIN20080518_053017_000000352068_00377_32495_1144.N1	18-MAY-2008 05:30:17	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	32495	No
87	GOM_NL__2PRFIN20080518_053130_000000542068_00377_32495_1145.N1	18-MAY-2008 05:31:30	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	32495	No
88	GOM_NL__2PRFIN20080518_054000_000000462068_00377_32495_1146.N1	18-MAY-2008 05:40:00	Twilight_stray	45.500	58	21Alp And	2.0730	11000.	91	32495	No
89	GOM_NL__2PRFIN20080518_054414_000000422068_00377_32495_1147.N1	18-MAY-2008 05:44:14	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	32495	No
90	GOM_NL__2PRFIN20080518_055259_000000442068_00377_32495_1148.N1	18-MAY-2008 05:52:59	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32495	No
91	GOM_NL__2PRFIN20080518_055950_000000562068_00377_32495_1149.N1	18-MAY-2008 05:59:50	Dark	55.500	18	24Alp PsA	1.1660	9700.0	111	32495	No
92	GOM_NL__2PRFIN20080518_060404_000000472068_00377_32495_1150.N1	18-MAY-2008 06:04:04	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	32495	No
93	GOM_NL__2PRFIN20080518_060537_000000472068_00378_32496_1137.N1	18-MAY-2008 06:05:37	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32496	No
94	GOM_NL__2PRFIN20080518_060713_000000402068_00378_32496_1138.N1	18-MAY-2008 06:07:13	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	32496	No
95	GOM_NL__2PRFIN20080518_061108_000000422068_00378_32496_1139.N1	18-MAY-2008 06:11:08	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32496	No
96	GOM_NL__2PRFIN20080518_061812_000000402068_00378_32496_1140.N1	18-MAY-2008 06:18:12	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32496	No
97	GOM_NL__2PRFIN20080518_062050_000000562068_00378_32496_1141.N1	18-MAY-2008 06:20:50	Straylight	55.500	40	The Sco	1.8590	7100.0	111	32496	No
98	GOM_NL__2PRFIN20080518_062242_000000522068_00378_32496_1142.N1	18-MAY-2008 06:22:42	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	32496	No
99	GOM_NL__2PRFIN20080518_062456_000000502068_00378_32496_1143.N1	18-MAY-2008 06:24:56	Twilight_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	32496	No
100	GOM_NL__2PRFIN20080518_062757_000000562068_00378_32496_1144.N1	18-MAY-2008 06:27:57	Twilight_stray	56.000	16	21Alp Sco	1.0200	3000.0	112	32496	No
101	GOM_NL__2PRFIN20080518_063028_000000442068_00378_32496_1145.N1	18-MAY-2008 06:30:28	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	32496	No

102	GOM_NL__2PRFIN20080518_063216_000000372068_00378_32496_1146.N1	18-MAY-2008 06:32:16	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32496	No
103	GOM_NL__2PRFIN20080518_063405_000000382068_00378_32496_1147.N1	18-MAY-2008 06:34:05	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32496	No
104	GOM_NL__2PRFIN20080518_063913_000000422068_00378_32496_1148.N1	18-MAY-2008 06:39:13	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	32496	No
105	GOM_NL__2PRFIN20080518_064229_000000352068_00378_32496_1149.N1	18-MAY-2008 06:42:29	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32496	No
106	GOM_NL__2PRFIN20080518_064452_000000392068_00378_32496_1150.N1	18-MAY-2008 06:44:52	Bright	39.000	83		2.3780	11000.	78	32496	No
107	GOM_NL__2PRFIN20080518_064801_000000362068_00378_32496_1151.N1	18-MAY-2008 06:48:01	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32496	No
108	GOM_NL__2PRFIN20080518_065101_000000372068_00378_32496_1152.N1	18-MAY-2008 06:51:01	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	32496	No
109	GOM_NL__2PRFIN20080518_065630_000000382068_00378_32496_1153.N1	18-MAY-2008 06:56:30	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32496	No
110	GOM_NL__2PRFIN20080518_065814_000000382068_00378_32496_1154.N1	18-MAY-2008 06:58:14	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32496	No
111	GOM_NL__2PRFIN20080518_070241_000000352068_00378_32496_1155.N1	18-MAY-2008 07:02:41	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32496	No
112	GOM_NL__2PRFIN20080518_071053_000000352068_00378_32496_1156.N1	18-MAY-2008 07:10:53	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	32496	No
113	GOM_NL__2PRFIN20080518_071206_000000352068_00378_32496_1157.N1	18-MAY-2008 07:12:06	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	32496	No
114	GOM_NL__2PRFIN20080518_072036_000000472068_00378_32496_1158.N1	18-MAY-2008 07:20:36	Twilight	47.000	58	21Alp And	2.0730	11000.	94	32496	No
115	GOM_NL__2PRFIN20080518_072451_000000432068_00378_32496_1159.N1	18-MAY-2008 07:24:51	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	32496	No
116	GOM_NL__2PRFIN20080518_073336_000000422068_00378_32496_1160.N1	18-MAY-2008 07:33:36	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32496	No
117	GOM_NL__2PRFIN20080518_074026_000000522068_00378_32496_1161.N1	18-MAY-2008 07:40:26	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	32496	No
118	GOM_NL__2PRFIN20080518_074441_000000572068_00378_32496_1162.N1	18-MAY-2008 07:44:41	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	32496	No
119	GOM_NL__2PRFIN20080518_074614_000000472068_00379_32497_1150.N1	18-MAY-2008 07:46:14	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32497	No
120	GOM_NL__2PRFIN20080518_074749_000000402068_00379_32497_1151.N1	18-MAY-2008 07:47:49	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	32497	No
121	GOM_NL__2PRFIN20080518_075145_000000432068_00379_32497_1152.N1	18-MAY-2008 07:51:45	Dark	42.500	45	Alp Pav	1.9400	26000.	85	32497	No
122	GOM_NL__2PRFIN20080518_075848_000000452068_00379_32497_1153.N1	18-MAY-2008 07:58:48	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	32497	No
123	GOM_NL__2PRFIN20080518_080127_000000472068_00379_32497_1154.N1	18-MAY-2008 08:01:27	Straylight	46.500	40	The Sco	1.8590	7100.0	93	32497	No
124	GOM_NL__2PRFIN20080518_080319_000000512068_00379_32497_1155.N1	18-MAY-2008 08:03:19	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	32497	No
125	GOM_NL__2PRFIN20080518_080532_000000512068_00379_32497_1156.N1	18-MAY-2008 08:05:32	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	32497	No
126	GOM_NL__2PRFIN20080518_080833_000000572068_00379_32497_1157.N1	18-MAY-2008 08:08:33	Twilight	56.500	16	21Alp Sco	1.0200	3000.0	113	32497	No
127	GOM_NL__2PRFIN20080518_081104_000000422068_00379_32497_1158.N1	18-MAY-2008 08:11:04	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	32497	No
128	GOM_NL__2PRFIN20080518_081252_000000372068_00379_32497_1159.N1	18-MAY-2008 08:12:52	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32497	No
129	GOM_NL__2PRFIN20080518_081440_000000392068_00379_32497_1160.N1	18-MAY-2008 08:14:40	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32497	No
130	GOM_NL__2PRFIN20080518_081949_000000432068_00379_32497_1161.N1	18-MAY-2008 08:19:49	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32497	No
131	GOM_NL__2PRFIN20080518_082305_000000362068_00379_32497_1162.N1	18-MAY-2008 08:23:05	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32497	No
132	GOM_NL__2PRFIN20080518_082528_000000372068_00379_32497_1163.N1	18-MAY-2008 08:25:28	Bright	37.000	83		2.3780	11000.	74	32497	No
133	GOM_NL__2PRFIN20080518_082837_000000372068_00379_32497_1164.N1	18-MAY-2008 08:28:37	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	32497	No
134	GOM_NL__2PRFIN20080518_083137_000000362068_00379_32497_1165.N1	18-MAY-2008 08:31:37	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32497	No
135	GOM_NL__2PRFIN20080518_083706_000000392068_00379_32497_1166.N1	18-MAY-2008 08:37:06	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32497	No
136	GOM_NL__2PRFIN20080518_083850_000000362068_00379_32497_1167.N1	18-MAY-2008 08:38:50	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	32497	No
137	GOM_NL__2PRFIN20080518_084317_000000362068_00379_32497_1168.N1	18-MAY-2008 08:43:17	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32497	No
138	GOM_NL__2PRFIN20080518_085129_000000532068_00379_32497_1169.N1	18-MAY-2008 08:51:29	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32497	No
139	GOM_NL__2PRFIN20080518_085242_000000372068_00379_32497_1170.N1	18-MAY-2008 08:52:42	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	32497	No
140	GOM_NL__2PRFIN20080518_090112_000000462068_00379_32497_1171.N1	18-MAY-2008 09:01:12	Twilight	45.500	58	21Alp And	2.0730	11000.	91	32497	No
141	GOM_NL__2PRFIN20080518_090527_000000432068_00379_32497_1172.N1	18-MAY-2008 09:05:27	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	32497	No
142	GOM_NL__2PRFIN20080518_091412_000000462068_00379_32497_1173.N1	18-MAY-2008 09:14:12	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32497	No
143	GOM_NL__2PRFIN20080518_092103_000000522068_00379_32497_1174.N1	18-MAY-2008 09:21:03	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	32497	No
144	GOM_NL__2PRFIN20080518_092517_000000472068_00379_32497_1175.N1	18-MAY-2008 09:25:17	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	32497	No
145	GOM_NL__2PRFIN20080518_092651_000000442068_00380_32498_1160.N1	18-MAY-2008 09:26:51	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32498	No
146	GOM_NL__2PRFIN20080518_092826_000000402068_00380_32498_1161.N1	18-MAY-2008 09:28:26	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	32498	No
147	GOM_NL__2PRFIN20080518_093221_000000412068_00380_32498_1162.N1	18-MAY-2008 09:32:21	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32498	No
148	GOM_NL__2PRFIN20080518_093925_000000402068_00380_32498_1163.N1	18-MAY-2008 09:39:25	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32498	No
149	GOM_NL__2PRFIN20080518_094203_000000472068_00380_32498_1164.N1	18-MAY-2008 09:42:03	Straylight	47.000	40	The Sco	1.8590	7100.0	94	32498	No
150	GOM_NL__2PRFIN20080518_094355_000000512068_00380_32498_1165.N1	18-MAY-2008 09:43:55	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	32498	No
151	GOM_NL__2PRFIN20080518_094609_000000542068_00380_32498_1166.N1	18-MAY-2008 09:46:09	Twilight	53.500	75	26Eps Sco	2.2910	4250.0	107	32498	No
152	GOM_NL__2PRFIN20080518_094909_000000602068_00380_32498_1167.N1	18-MAY-2008 09:49:09	Twilight	60.000	16	21Alp Sco	1.0200	3000.0	120	32498	No
153	GOM_NL__2PRFIN20080518_095516_000000392068_00380_32498_1168.N1	18-MAY-2008 09:55:16	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32498	No
154	GOM_NL__2PRFIN20080518_100024_000000422068_00380_32498_1169.N1	18-MAY-2008 10:00:24	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	32498	No
155	GOM_NL__2PRFIN20080518_100341_000000352068_00380_32498_1170.N1	18-MAY-2008 10:03:41	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32498	No
156	GOM_NL__2PRFIN20080518_100603_000000392068_00380_32498_1171.N1	18-MAY-2008 10:06:03	Bright	39.000	83		2.3780	11000.	78	32498	No
157	GOM_NL__2PRFIN20080518_100912_000000372068_00380_32498_1172.N1	18-MAY-2008 10:09:12	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	32498	No
158	GOM_NL__2PRFIN20080518_101212_000000362068_00380_32498_1173.N1	18-MAY-2008 10:12:12	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32498	No
159	GOM_NL__2PRFIN20080518_101741_000000402068_00380_32498_1174.N1	18-MAY-2008 10:17:41	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32498	No
160	GOM_NL__2PRFIN20080518_101926_000000372068_00380_32498_1175.N1	18-MAY-2008 10:19:26	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32498	No

161	GOM_NL__2PRFIN20080518_102353_000000362068_00380_32498_1176.N1	18-MAY-2008 10:23:53	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32498	No
162	GOM_NL__2PRFIN20080518_103205_000000492068_00380_32498_1177.N1	18-MAY-2008 10:32:05	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	32498	No
163	GOM_NL__2PRFIN20080518_103318_000000352068_00380_32498_1178.N1	18-MAY-2008 10:33:18	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	32498	No
164	GOM_NL__2PRFIN20080518_104148_000000442068_00380_32498_1179.N1	18-MAY-2008 10:41:48	Twilight	44.000	58	21Alp And	2.0730	11000.	88	32498	No
165	GOM_NL__2PRFIN20080518_104603_000000442068_00380_32498_1180.N1	18-MAY-2008 10:46:03	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	32498	No
166	GOM_NL__2PRFIN20080518_105448_000000432068_00380_32498_1181.N1	18-MAY-2008 10:54:48	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32498	No
167	GOM_NL__2PRFIN20080518_110140_000000472068_00380_32498_1182.N1	18-MAY-2008 11:01:40	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	32498	No
168	GOM_NL__2PRFIN20080518_110554_000000482068_00380_32498_1183.N1	18-MAY-2008 11:05:54	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	32498	No
169	GOM_NL__2PRFIN20080518_110727_000000422068_00381_32499_1186.N1	18-MAY-2008 11:07:27	Dark	42.000	31	Alp Gru	1.7340	15200.	84	32499	No
170	GOM_NL__2PRFIN20080518_110902_000000422068_00381_32499_1187.N1	18-MAY-2008 11:09:02	Dark	42.000	148	Alp Tuc	2.8780	4100.0	84	32499	No
171	GOM_NL__2PRFIN20080518_111258_000000412068_00381_32499_1188.N1	18-MAY-2008 11:12:58	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32499	No
172	GOM_NL__2PRFIN20080518_112001_000000422068_00381_32499_1189.N1	18-MAY-2008 11:20:01	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32499	No
173	GOM_NL__2PRFIN20080518_112240_000000512068_00381_32499_1190.N1	18-MAY-2008 11:22:40	Straylight	50.500	40	The Sco	1.8590	7100.0	101	32499	No
174	GOM_NL__2PRFIN20080518_112432_000000562068_00381_32499_1191.N1	18-MAY-2008 11:24:32	Straylight	56.000	25	35Lam Sco	1.6200	28000.	112	32499	No
175	GOM_NL__2PRFIN20080518_112645_000000532068_00381_32499_1192.N1	18-MAY-2008 11:26:45	Twilight	52.500	75	26Eps Sco	2.2910	4250.0	105	32499	No
176	GOM_NL__2PRFIN20080518_112945_000000562068_00381_32499_1193.N1	18-MAY-2008 11:29:45	Twilight	55.500	16	21Alp Sco	1.0200	3000.0	111	32499	No
177	GOM_NL__2PRFIN20080518_113552_000000372068_00381_32499_1194.N1	18-MAY-2008 11:35:52	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	32499	No
178	GOM_NL__2PRFIN20080518_114100_000000422068_00381_32499_1195.N1	18-MAY-2008 11:41:00	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	32499	No
179	GOM_NL__2PRFIN20080518_114417_000000372068_00381_32499_1196.N1	18-MAY-2008 11:44:17	Bright	36.500	3	16Alp Boo	-0.050000	4250.0	73	32499	No
180	GOM_NL__2PRFIN20080518_114639_000000382068_00381_32499_1197.N1	18-MAY-2008 11:46:39	Bright	38.000	83		2.3780	11000.	76	32499	No
181	GOM_NL__2PRFIN20080518_114948_000000352068_00381_32499_1198.N1	18-MAY-2008 11:49:48	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	32499	No
182	GOM_NL__2PRFIN20080518_115248_000000362068_00381_32499_1199.N1	18-MAY-2008 11:52:48	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32499	No
183	GOM_NL__2PRFIN20080518_115817_000000412068_00381_32499_1200.N1	18-MAY-2008 11:58:17	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	32499	No
184	GOM_NL__2PRFIN20080518_120001_000000392068_00381_32499_1201.N1	18-MAY-2008 12:00:01	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	32499	No
185	GOM_NL__2PRFIN20080518_120429_000000362068_00381_32499_1202.N1	18-MAY-2008 12:04:29	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32499	No
186	GOM_NL__2PRFIN20080518_121241_000000352068_00381_32499_1203.N1	18-MAY-2008 12:12:41	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32499	No
187	GOM_NL__2PRFIN20080518_121354_000000362068_00381_32499_1204.N1	18-MAY-2008 12:13:54	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	32499	No
188	GOM_NL__2PRFIN20080518_122224_000000462068_00381_32499_1205.N1	18-MAY-2008 12:22:24	Twilight	46.000	58	21Alp And	2.0730	11000.	92	32499	No
189	GOM_NL__2PRFIN20080518_122639_000000422068_00381_32499_1206.N1	18-MAY-2008 12:26:39	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	32499	No
190	GOM_NL__2PRFIN20080518_123524_000000422068_00381_32499_1207.N1	18-MAY-2008 12:35:24	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32499	No
191	GOM_NL__2PRFIN20080518_124217_000000522068_00381_32499_1208.N1	18-MAY-2008 12:42:17	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	32499	No
192	GOM_NL__2PRFIN20080518_124631_000000582068_00381_32499_1209.N1	18-MAY-2008 12:46:31	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	32499	No
193	GOM_NL__2PRFIN20080518_124804_000000432068_00382_32500_1201.N1	18-MAY-2008 12:48:04	Dark	43.000	31	Alp Gru	1.7340	15200.	86	32500	No
194	GOM_NL__2PRFIN20080518_124938_000000402068_00382_32500_1202.N1	18-MAY-2008 12:49:38	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	32500	No
195	GOM_NL__2PRFIN20080518_125334_000000422068_00382_32500_1203.N1	18-MAY-2008 12:53:34	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32500	No
196	GOM_NL__2PRFIN20080518_130037_000000412068_00382_32500_1204.N1	18-MAY-2008 13:00:37	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	32500	No
197	GOM_NL__2PRFIN20080518_130316_000000472068_00382_32500_1205.N1	18-MAY-2008 13:03:16	Straylight	46.500	40	The Sco	1.8590	7100.0	93	32500	No
198	GOM_NL__2PRFIN20080518_130508_000000542068_00382_32500_1206.N1	18-MAY-2008 13:05:08	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	32500	No
199	GOM_NL__2PRFIN20080518_130721_000000502068_00382_32500_1207.N1	18-MAY-2008 13:07:21	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	32500	No
200	GOM_NL__2PRFIN20080518_131021_000000532068_00382_32500_1208.N1	18-MAY-2008 13:10:21	Twilight	53.000	16	21Alp Sco	1.0200	3000.0	106	32500	No
201	GOM_NL__2PRFIN20080518_131628_000000392068_00382_32500_1209.N1	18-MAY-2008 13:16:28	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32500	No
202	GOM_NL__2PRFIN20080518_132136_000000432068_00382_32500_1210.N1	18-MAY-2008 13:21:36	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32500	No
203	GOM_NL__2PRFIN20080518_132453_000000352068_00382_32500_1211.N1	18-MAY-2008 13:24:53	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32500	No
204	GOM_NL__2PRFIN20080518_132715_000000402068_00382_32500_1212.N1	18-MAY-2008 13:27:15	Bright	40.000	83		2.3780	11000.	80	32500	No
205	GOM_NL__2PRFIN20080518_133024_000000352068_00382_32500_1213.N1	18-MAY-2008 13:30:24	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	32500	No
206	GOM_NL__2PRFIN20080518_133324_000000372068_00382_32500_1214.N1	18-MAY-2008 13:33:24	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	32500	No
207	GOM_NL__2PRFIN20080518_133852_000000422068_00382_32500_1215.N1	18-MAY-2008 13:38:52	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	32500	No
208	GOM_NL__2PRFIN20080518_134037_000000382068_00382_32500_1216.N1	18-MAY-2008 13:40:37	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32500	No
209	GOM_NL__2PRFIN20080518_134505_000000332068_00382_32500_1217.N1	18-MAY-2008 13:45:05	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	32500	No
210	GOM_NL__2PRFIN20080518_135317_000000342068_00382_32500_1218.N1	18-MAY-2008 13:53:17	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32500	No
211	GOM_NL__2PRFIN20080518_135430_000000342068_00382_32500_1219.N1	18-MAY-2008 13:54:30	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	32500	No
212	GOM_NL__2PRFIN20080518_140300_000000452068_00382_32500_1220.N1	18-MAY-2008 14:03:00	Twilight	45.000	58	21Alp And	2.0730	11000.	90	32500	No
213	GOM_NL__2PRFIN20080518_140716_000000422068_00382_32500_1221.N1	18-MAY-2008 14:07:16	Dark	41.500	140	88Gam Peg	2.8340	26000.	83	32500	No
214	GOM_NL__2PRFIN20080518_141601_000000452068_00382_32500_1222.N1	18-MAY-2008 14:16:01	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32500	No
215	GOM_NL__2PRFIN20080518_142254_000000532068_00382_32500_1223.N1	18-MAY-2008 14:22:54	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	32500	No
216	GOM_NL__2PRFIN20080518_143015_000000402068_00383_32501_1213.N1	18-MAY-2008 14:30:15	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	32501	No
217	GOM_NL__2PRFIN20080518_143411_000000442068_00383_32501_1214.N1	18-MAY-2008 14:34:11	Dark	43.500	45	Alp Pav	1.9400	26000.	87	32501	No
218	GOM_NL__2PRFIN20080518_144114_000000412068_00383_32501_1215.N1	18-MAY-2008 14:41:14	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32501	No
219	GOM_NL__2PRFIN20080518_144353_000000522068_00383_32501_1216.N1	18-MAY-2008 14:43:53	Straylight	51.500	40	The Sco	1.8590	7100.0	103	32501	No

220	GOM_NL__2PRFIN20080518_144545_000000492068_00383_32501_1217.N1	18-MAY-2008 14:45:45	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	32501	No
221	GOM_NL__2PRFIN20080518_144758_000000522068_00383_32501_1218.N1	18-MAY-2008 14:47:58	Tw_i_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	32501	No
222	GOM_NL__2PRFIN20080518_145058_000000632068_00383_32501_1219.N1	18-MAY-2008 14:50:58	Tw_i_and_stray	63.000	16	21Alp Sco	1.0200	3000.0	126	32501	No
223	GOM_NL__2PRFIN20080518_145704_000000382068_00383_32501_1220.N1	18-MAY-2008 14:57:04	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	32501	No
224	GOM_NL__2PRFIN20080518_150211_000000422068_00383_32501_1221.N1	18-MAY-2008 15:02:11	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	32501	No
225	GOM_NL__2PRFIN20080518_150529_000000352068_00383_32501_1222.N1	18-MAY-2008 15:05:29	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32501	No
226	GOM_NL__2PRFIN20080518_150751_000000382068_00383_32501_1223.N1	18-MAY-2008 15:07:51	Bright	37.500	83		2.3780	11000.	75	32501	No
227	GOM_NL__2PRFIN20080518_151100_000000362068_00383_32501_1224.N1	18-MAY-2008 15:11:00	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32501	No
228	GOM_NL__2PRFIN20080518_151400_000000342068_00383_32501_1225.N1	18-MAY-2008 15:14:00	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	32501	No
229	GOM_NL__2PRFIN20080518_151928_000000412068_00383_32501_1226.N1	18-MAY-2008 15:19:28	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	32501	No
230	GOM_NL__2PRFIN20080518_152113_000000352068_00383_32501_1227.N1	18-MAY-2008 15:21:13	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	32501	No
231	GOM_NL__2PRFIN20080518_152541_000000362068_00383_32501_1228.N1	18-MAY-2008 15:25:41	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32501	No
232	GOM_NL__2PRFIN20080518_153353_000000532068_00383_32501_1229.N1	18-MAY-2008 15:33:53	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32501	No
233	GOM_NL__2PRFIN20080518_153506_000000352068_00383_32501_1230.N1	18-MAY-2008 15:35:06	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	32501	No
234	GOM_NL__2PRFIN20080518_154336_000000442068_00383_32501_1231.N1	18-MAY-2008 15:43:36	Tw_i_and_stray	44.000	58	21Alp And	2.0730	11000.	88	32501	No
235	GOM_NL__2PRFIN20080518_154752_000000432068_00383_32501_1232.N1	18-MAY-2008 15:47:52	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	32501	No
236	GOM_NL__2PRFIN20080518_155637_000000442068_00383_32501_1233.N1	18-MAY-2008 15:56:37	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32501	No
237	GOM_NL__2PRFIN20080518_160330_000000522068_00383_32501_1234.N1	18-MAY-2008 16:03:30	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	32501	No
238	GOM_NL__2PRFIN20080518_161448_000000422068_00384_32502_1225.N1	18-MAY-2008 16:14:48	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32502	No
239	GOM_NL__2PRFIN20080518_162150_000000432068_00384_32502_1226.N1	18-MAY-2008 16:21:50	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	32502	No
240	GOM_NL__2PRFIN20080518_162429_000000522068_00384_32502_1227.N1	18-MAY-2008 16:24:29	Straylight	51.500	40	The Sco	1.8590	7100.0	103	32502	No
241	GOM_NL__2PRFIN20080518_162621_000000512068_00384_32502_1228.N1	18-MAY-2008 16:26:21	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	32502	No
242	GOM_NL__2PRFIN20080518_162834_000000512068_00384_32502_1229.N1	18-MAY-2008 16:28:34	Tw_i_and_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	32502	No
243	GOM_NL__2PRFIN20080518_163134_000000552068_00384_32502_1230.N1	18-MAY-2008 16:31:34	Tw_i_and_stray	54.500	16	21Alp Sco	1.0200	3000.0	109	32502	No
244	GOM_NL__2PRFIN20080518_163405_000000452068_00384_32502_1231.N1	18-MAY-2008 16:34:05	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	32502	No
245	GOM_NL__2PRFIN20080518_163552_000000382068_00384_32502_1232.N1	18-MAY-2008 16:35:52	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	32502	No
246	GOM_NL__2PRFIN20080518_163740_000000392068_00384_32502_1233.N1	18-MAY-2008 16:37:40	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32502	No
247	GOM_NL__2PRFIN20080518_164247_000000422068_00384_32502_1234.N1	18-MAY-2008 16:42:47	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	32502	No
248	GOM_NL__2PRFIN20080518_164605_000000352068_00384_32502_1235.N1	18-MAY-2008 16:46:05	Bright	34.500	3	16Alp Boo	-0.050000	4250.0	69	32502	No
249	GOM_NL__2PRFIN20080518_164827_000000372068_00384_32502_1236.N1	18-MAY-2008 16:48:27	Bright	36.500	83		2.3780	11000.	73	32502	No
250	GOM_NL__2PRFIN20080518_165136_000000352068_00384_32502_1237.N1	18-MAY-2008 16:51:36	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	32502	No
251	GOM_NL__2PRFIN20080518_165436_000000362068_00384_32502_1238.N1	18-MAY-2008 16:54:36	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32502	No
252	GOM_NL__2PRFIN20080518_170003_000000402068_00384_32502_1239.N1	18-MAY-2008 17:00:03	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32502	No
253	GOM_NL__2PRFIN20080518_170149_000000352068_00384_32502_1240.N1	18-MAY-2008 17:01:49	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	32502	No
254	GOM_NL__2PRFIN20080518_170617_000000362068_00384_32502_1241.N1	18-MAY-2008 17:06:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32502	No
255	GOM_NL__2PRFIN20080518_171429_000000532068_00384_32502_1242.N1	18-MAY-2008 17:14:29	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32502	No
256	GOM_NL__2PRFIN20080518_171542_000000352068_00384_32502_1243.N1	18-MAY-2008 17:15:42	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	32502	No
257	GOM_NL__2PRFIN20080518_172412_000000462068_00384_32502_1244.N1	18-MAY-2008 17:24:12	Tw_i_and_stray	45.500	58	21Alp And	2.0730	11000.	91	32502	No
258	GOM_NL__2PRFIN20080518_172828_000000432068_00384_32502_1245.N1	18-MAY-2008 17:28:28	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	32502	No
259	GOM_NL__2PRFIN20080518_173713_000000422068_00384_32502_1246.N1	18-MAY-2008 17:37:13	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32502	No
260	GOM_NL__2PRFIN20080518_174407_000000502068_00384_32502_1247.N1	18-MAY-2008 17:44:07	Dark	50.000	18	24Alp PsA	1.1660	9700.0	100	32502	No
261	GOM_NL__2PRFIN20080518_174821_000000502068_00384_32502_1248.N1	18-MAY-2008 17:48:21	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	32502	No
262	GOM_NL__2PRFIN20080518_174954_000000442068_00385_32503_1233.N1	18-MAY-2008 17:49:54	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32503	No
263	GOM_NL__2PRFIN20080518_175525_000000432068_00385_32503_1234.N1	18-MAY-2008 17:55:25	Dark	42.500	45	Alp Pav	1.9400	26000.	85	32503	No
264	GOM_NL__2PRFIN20080518_180227_000000412068_00385_32503_1235.N1	18-MAY-2008 18:02:27	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32503	No
265	GOM_NL__2PRFIN20080518_180506_000000472068_00385_32503_1236.N1	18-MAY-2008 18:05:06	Straylight	47.000	40	The Sco	1.8590	7100.0	94	32503	No
266	GOM_NL__2PRFIN20080518_180658_000000502068_00385_32503_1237.N1	18-MAY-2008 18:06:58	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	32503	No
267	GOM_NL__2PRFIN20080518_180911_000000522068_00385_32503_1238.N1	18-MAY-2008 18:09:11	Tw_i_and_stray	52.000	75	26Eps Sco	2.2910	4250.0	104	32503	No
268	GOM_NL__2PRFIN20080518_181210_000000572068_00385_32503_1239.N1	18-MAY-2008 18:12:10	Tw_i_and_stray	56.500	16	21Alp Sco	1.0200	3000.0	113	32503	No
269	GOM_NL__2PRFIN20080518_181441_000000442068_00385_32503_1240.N1	18-MAY-2008 18:14:41	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	32503	No
270	GOM_NL__2PRFIN20080518_181628_000000382068_00385_32503_1241.N1	18-MAY-2008 18:16:28	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	32503	No
271	GOM_NL__2PRFIN20080518_181816_000000392068_00385_32503_1242.N1	18-MAY-2008 18:18:16	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	32503	No
272	GOM_NL__2PRFIN20080518_182323_000000422068_00385_32503_1243.N1	18-MAY-2008 18:23:23	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	32503	No
273	GOM_NL__2PRFIN20080518_182641_000000362068_00385_32503_1244.N1	18-MAY-2008 18:26:41	Bright	35.500	3	16Alp Boo	-0.050000	4250.0	71	32503	No
274	GOM_NL__2PRFIN20080518_182902_000000372068_00385_32503_1245.N1	18-MAY-2008 18:29:02	Bright	36.500	83		2.3780	11000.	73	32503	No
275	GOM_NL__2PRFIN20080518_183212_000000372068_00385_32503_1246.N1	18-MAY-2008 18:32:12	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	32503	No
276	GOM_NL__2PRFIN20080518_183512_000000352068_00385_32503_1247.N1	18-MAY-2008 18:35:12	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32503	No
277	GOM_NL__2PRFIN20080518_184039_000000412068_00385_32503_1248.N1	18-MAY-2008 18:40:39	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	32503	No
278	GOM_NL__2PRFIN20080518_184225_000000362068_00385_32503_1249.N1	18-MAY-2008 18:42:25	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32503	No

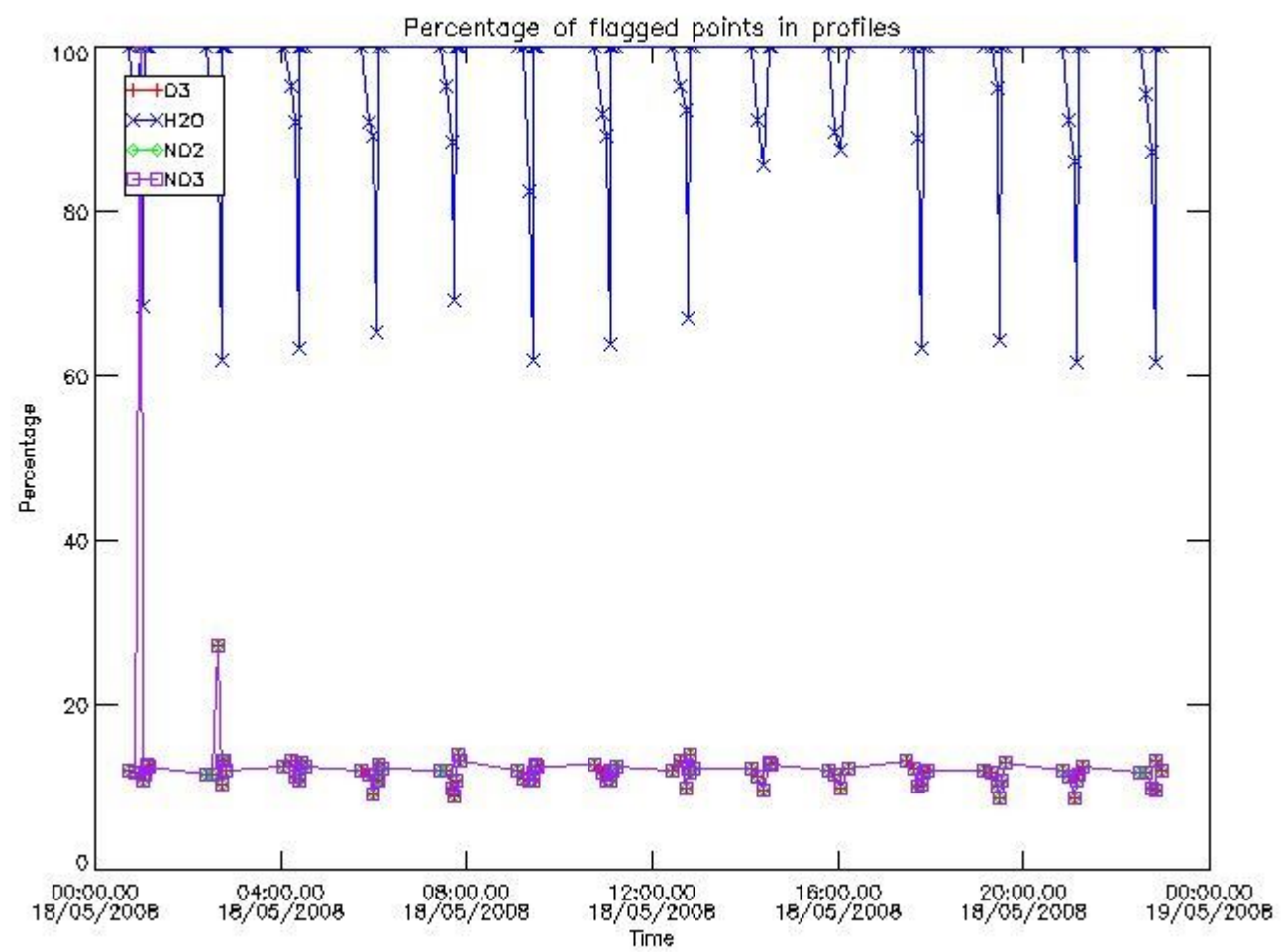
279	GOM_NL__2PRFIN20080518_184653_000000362068_00385_32503_1250.N1	18-MAY-2008 18:46:53	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32503	No
280	GOM_NL__2PRFIN20080518_185505_000000342068_00385_32503_1251.N1	18-MAY-2008 18:55:05	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32503	No
281	GOM_NL__2PRFIN20080518_185618_000000542068_00385_32503_1252.N1	18-MAY-2008 18:56:18	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	32503	No
282	GOM_NL__2PRFIN20080518_190449_000000432068_00385_32503_1253.N1	18-MAY-2008 19:04:49	Tw_i_and_stray	43.000	58	21Alp And	2.0730	11000.	86	32503	No
283	GOM_NL__2PRFIN20080518_190904_000000432068_00385_32503_1254.N1	18-MAY-2008 19:09:04	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	32503	No
284	GOM_NL__2PRFIN20080518_191750_000000442068_00385_32503_1255.N1	18-MAY-2008 19:17:50	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	32503	No
285	GOM_NL__2PRFIN20080518_192444_000000502068_00385_32503_1256.N1	18-MAY-2008 19:24:44	Dark	50.000	18	24Alp PsA	1.1660	9700.0	100	32503	No
286	GOM_NL__2PRFIN20080518_192857_000000582068_00385_32503_1257.N1	18-MAY-2008 19:28:57	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	32503	No
287	GOM_NL__2PRFIN20080518_193031_000000472068_00386_32504_1261.N1	18-MAY-2008 19:30:31	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32504	No
288	GOM_NL__2PRFIN20080518_193601_000000402068_00386_32504_1262.N1	18-MAY-2008 19:36:01	Dark	39.500	45	Alp Pav	1.9400	26000.	79	32504	No
289	GOM_NL__2PRFIN20080518_194303_000000422068_00386_32504_1263.N1	18-MAY-2008 19:43:03	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32504	No
290	GOM_NL__2PRFIN20080518_194543_000000532068_00386_32504_1264.N1	18-MAY-2008 19:45:43	Straylight	52.500	40	The Sco	1.8590	7100.0	105	32504	No
291	GOM_NL__2PRFIN20080518_194734_000000502068_00386_32504_1265.N1	18-MAY-2008 19:47:34	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	32504	No
292	GOM_NL__2PRFIN20080518_194947_000000522068_00386_32504_1266.N1	18-MAY-2008 19:49:47	Tw_i_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	32504	No
293	GOM_NL__2PRFIN20080518_195246_000000552068_00386_32504_1267.N1	18-MAY-2008 19:52:46	Tw_i_and_stray	54.500	16	21Alp Sco	1.0200	3000.0	109	32504	No
294	GOM_NL__2PRFIN20080518_195517_000000442068_00386_32504_1268.N1	18-MAY-2008 19:55:17	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	32504	No
295	GOM_NL__2PRFIN20080518_195705_000000372068_00386_32504_1269.N1	18-MAY-2008 19:57:05	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32504	No
296	GOM_NL__2PRFIN20080518_195852_000000382068_00386_32504_1270.N1	18-MAY-2008 19:58:52	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32504	No
297	GOM_NL__2PRFIN20080518_200359_000000422068_00386_32504_1271.N1	18-MAY-2008 20:03:59	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	32504	No
298	GOM_NL__2PRFIN20080518_200717_000000362068_00386_32504_1272.N1	18-MAY-2008 20:07:17	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32504	No
299	GOM_NL__2PRFIN20080518_200938_000000382068_00386_32504_1273.N1	18-MAY-2008 20:09:38	Bright	38.000	83		2.3780	11000.	76	32504	No
300	GOM_NL__2PRFIN20080518_201247_000000352068_00386_32504_1274.N1	18-MAY-2008 20:12:47	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	32504	No
301	GOM_NL__2PRFIN20080518_201548_000000372068_00386_32504_1275.N1	18-MAY-2008 20:15:48	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	32504	No
302	GOM_NL__2PRFIN20080518_202114_000000402068_00386_32504_1276.N1	18-MAY-2008 20:21:14	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32504	No
303	GOM_NL__2PRFIN20080518_202301_000000402068_00386_32504_1277.N1	18-MAY-2008 20:23:01	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	32504	No
304	GOM_NL__2PRFIN20080518_202729_000000352068_00386_32504_1278.N1	18-MAY-2008 20:27:29	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32504	No
305	GOM_NL__2PRFIN20080518_203541_000000532068_00386_32504_1279.N1	18-MAY-2008 20:35:41	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32504	No
306	GOM_NL__2PRFIN20080518_203654_000000382068_00386_32504_1280.N1	18-MAY-2008 20:36:54	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	32504	No
307	GOM_NL__2PRFIN20080518_204525_000000442068_00386_32504_1281.N1	18-MAY-2008 20:45:25	Tw_i_and_stray	44.000	58	21Alp And	2.0730	11000.	88	32504	No
308	GOM_NL__2PRFIN20080518_204941_000000422068_00386_32504_1282.N1	18-MAY-2008 20:49:41	Dark	41.500	140	88Gam Peg	2.8340	26000.	83	32504	No
309	GOM_NL__2PRFIN20080518_205826_000000452068_00386_32504_1283.N1	18-MAY-2008 20:58:26	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32504	No
310	GOM_NL__2PRFIN20080518_210521_000000582068_00386_32504_1284.N1	18-MAY-2008 21:05:21	Dark	58.000	18	24Alp PsA	1.1660	9700.0	116	32504	No
311	GOM_NL__2PRFIN20080518_210934_000000482068_00386_32504_1285.N1	18-MAY-2008 21:09:34	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	32504	No
312	GOM_NL__2PRFIN20080518_211108_000000452068_00387_32505_1279.N1	18-MAY-2008 21:11:08	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32505	No
313	GOM_NL__2PRFIN20080518_211638_000000412068_00387_32505_1280.N1	18-MAY-2008 21:16:38	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32505	No
314	GOM_NL__2PRFIN20080518_212340_000000422068_00387_32505_1281.N1	18-MAY-2008 21:23:40	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32505	No
315	GOM_NL__2PRFIN20080518_212619_000000502068_00387_32505_1282.N1	18-MAY-2008 21:26:19	Straylight	50.000	40	The Sco	1.8590	7100.0	100	32505	No
316	GOM_NL__2PRFIN20080518_212811_000000482068_00387_32505_1283.N1	18-MAY-2008 21:28:11	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	32505	No
317	GOM_NL__2PRFIN20080518_213023_000000512068_00387_32505_1284.N1	18-MAY-2008 21:30:23	Tw_i_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	32505	No
318	GOM_NL__2PRFIN20080518_213323_000000632068_00387_32505_1285.N1	18-MAY-2008 21:33:23	Tw_i_and_stray	63.000	16	21Alp Sco	1.0200	3000.0	126	32505	No
319	GOM_NL__2PRFIN20080518_213553_000000422068_00387_32505_1286.N1	18-MAY-2008 21:35:53	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	32505	No
320	GOM_NL__2PRFIN20080518_213740_000000372068_00387_32505_1287.N1	18-MAY-2008 21:37:40	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32505	No
321	GOM_NL__2PRFIN20080518_213928_000000382068_00387_32505_1288.N1	18-MAY-2008 21:39:28	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32505	No
322	GOM_NL__2PRFIN20080518_214434_000000422068_00387_32505_1289.N1	18-MAY-2008 21:44:34	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	32505	No
323	GOM_NL__2PRFIN20080518_214753_000000362068_00387_32505_1290.N1	18-MAY-2008 21:47:53	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32505	No
324	GOM_NL__2PRFIN20080518_215014_000000382068_00387_32505_1291.N1	18-MAY-2008 21:50:14	Bright	37.500	83		2.3780	11000.	75	32505	No
325	GOM_NL__2PRFIN20080518_215323_000000352068_00387_32505_1292.N1	18-MAY-2008 21:53:23	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	32505	No
326	GOM_NL__2PRFIN20080518_215624_000000352068_00387_32505_1293.N1	18-MAY-2008 21:56:24	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	32505	No
327	GOM_NL__2PRFIN20080518_220150_000000402068_00387_32505_1294.N1	18-MAY-2008 22:01:50	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32505	No
328	GOM_NL__2PRFIN20080518_220336_000000382068_00387_32505_1295.N1	18-MAY-2008 22:03:36	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32505	No
329	GOM_NL__2PRFIN20080518_220805_000000362068_00387_32505_1296.N1	18-MAY-2008 22:08:05	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32505	No
330	GOM_NL__2PRFIN20080518_221616_000000372068_00387_32505_1297.N1	18-MAY-2008 22:16:16	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32505	No
331	GOM_NL__2PRFIN20080518_221729_000000362068_00387_32505_1298.N1	18-MAY-2008 22:17:29	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	32505	No
332	GOM_NL__2PRFIN20080518_222601_000000472068_00387_32505_1299.N1	18-MAY-2008 22:26:01	Tw_i_and_stray	47.000	58	21Alp And	2.0730	11000.	94	32505	No
333	GOM_NL__2PRFIN20080518_223017_000000432068_00387_32505_1300.N1	18-MAY-2008 22:30:17	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	32505	No
334	GOM_NL__2PRFIN20080518_223902_000000432068_00387_32505_1301.N1	18-MAY-2008 22:39:02	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32505	No
335	GOM_NL__2PRFIN20080518_224558_000000512068_00387_32505_1302.N1	18-MAY-2008 22:45:58	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	32505	No
336	GOM_NL__2PRFIN20080518_225010_000000532068_00387_32505_1303.N1	18-MAY-2008 22:50:10	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	32505	No
337	GOM_NL__2PRFIN20080518_225144_000000432068_00388_32506_1294.N1	18-MAY-2008 22:51:44	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32506	No

338	GOM_NL__2PRFIN20080518_225714_000000422068_00388_32506_1295.N1	18-MAY-2008 22:57:14	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32506	No
339	GOM_NL__2PRFIN20080518_230416_000000412068_00388_32506_1296.N1	18-MAY-2008 23:04:16	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32506	No
340	GOM_NL__2PRFIN20080518_230656_000000502068_00388_32506_1297.N1	18-MAY-2008 23:06:56	Straylight	50.000	40	The Sco	1.8590	7100.0	100	32506	No
341	GOM_NL__2PRFIN20080518_230847_000000532068_00388_32506_1298.N1	18-MAY-2008 23:08:47	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	32506	No
342	GOM_NL__2PRFIN20080518_231059_000000522068_00388_32506_1299.N1	18-MAY-2008 23:10:59	Tw_i_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	32506	No
343	GOM_NL__2PRFIN20080518_231359_000000632068_00388_32506_1300.N1	18-MAY-2008 23:13:59	Tw_i_and_stray	63.000	16	21Alp Sco	1.0200	3000.0	126	32506	No
344	GOM_NL__2PRFIN20080518_231629_000000442068_00388_32506_1301.N1	18-MAY-2008 23:16:29	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	32506	No
345	GOM_NL__2PRFIN20080518_231816_000000372068_00388_32506_1302.N1	18-MAY-2008 23:18:16	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32506	No
346	GOM_NL__2PRFIN20080518_232004_000000392068_00388_32506_1303.N1	18-MAY-2008 23:20:04	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32506	No
347	GOM_NL__2PRFIN20080518_232510_000000422068_00388_32506_1304.N1	18-MAY-2008 23:25:10	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	32506	No
348	GOM_NL__2PRFIN20080518_232829_000000352068_00388_32506_1305.N1	18-MAY-2008 23:28:29	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32506	No
349	GOM_NL__2PRFIN20080518_233050_000000372068_00388_32506_1306.N1	18-MAY-2008 23:30:50	Bright	37.000	83		2.3780	11000.	74	32506	No
350	GOM_NL__2PRFIN20080518_233359_000000362068_00388_32506_1307.N1	18-MAY-2008 23:33:59	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32506	No
351	GOM_NL__2PRFIN20080518_233700_000000362068_00388_32506_1308.N1	18-MAY-2008 23:37:00	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32506	No
352	GOM_NL__2PRFIN20080518_234225_000000402068_00388_32506_1309.N1	18-MAY-2008 23:42:25	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32506	No
353	GOM_NL__2PRFIN20080518_234412_000000382068_00388_32506_1310.N1	18-MAY-2008 23:44:12	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32506	No
354	GOM_NL__2PRFIN20080518_234840_000000362068_00388_32506_1311.N1	18-MAY-2008 23:48:40	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32506	No
355	GOM_NL__2PRFIN20080518_235652_000000532068_00388_32506_1312.N1	18-MAY-2008 23:56:52	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32506	No
356	GOM_NL__2PRFIN20080518_235805_000000372068_00388_32506_1313.N1	18-MAY-2008 23:58:05	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	32506	No

3. Quality information per product

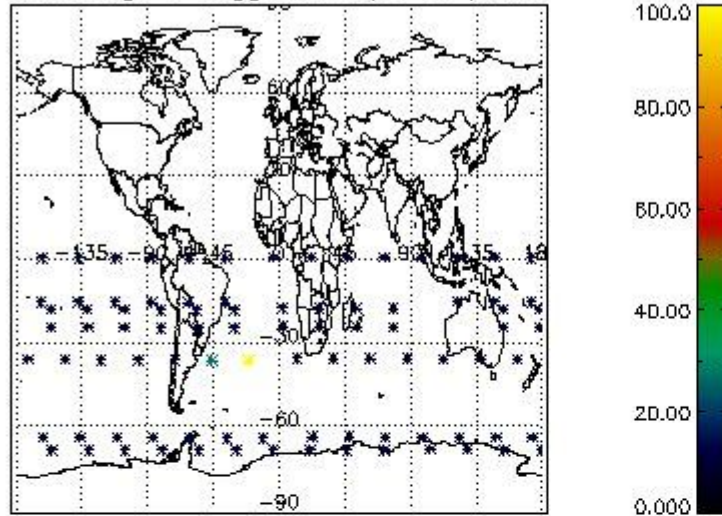
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

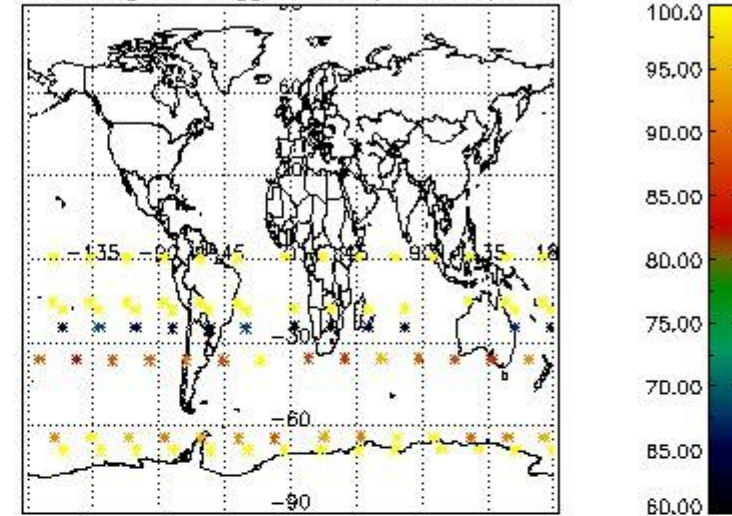


3.2 Plot quality information per product (world map)

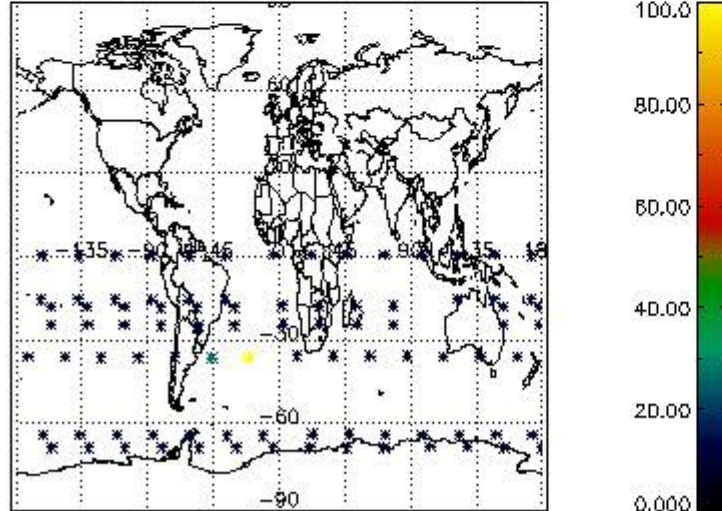
Percentage of flagged data per O3 profile



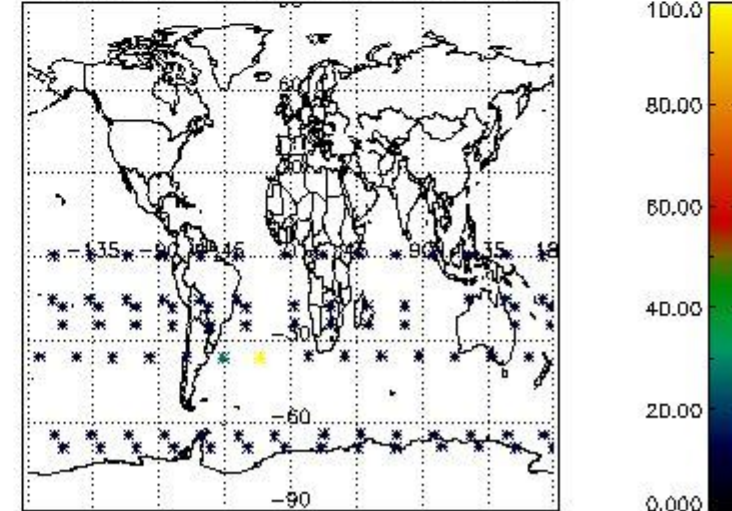
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

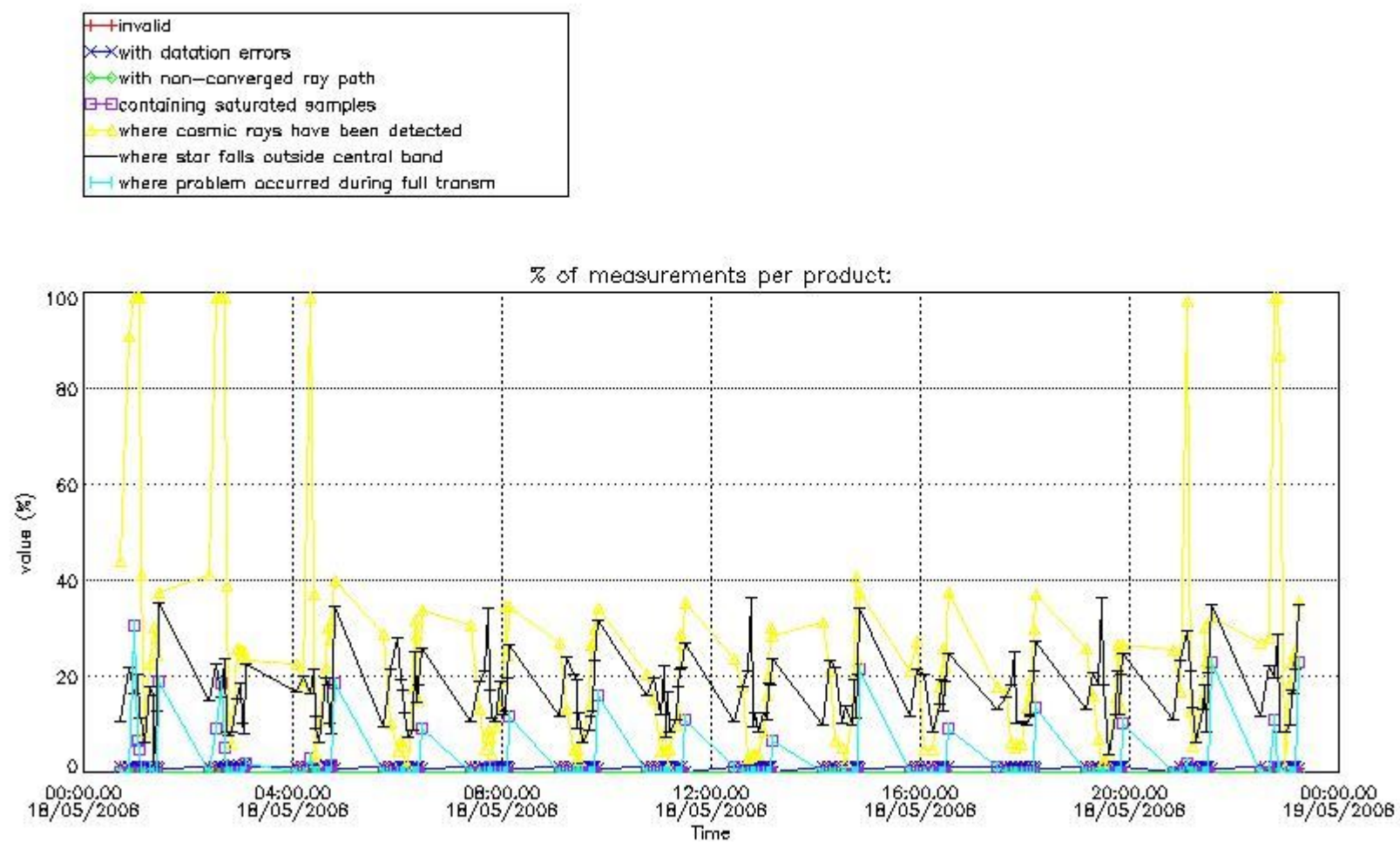


4. Level 1 quality information per product

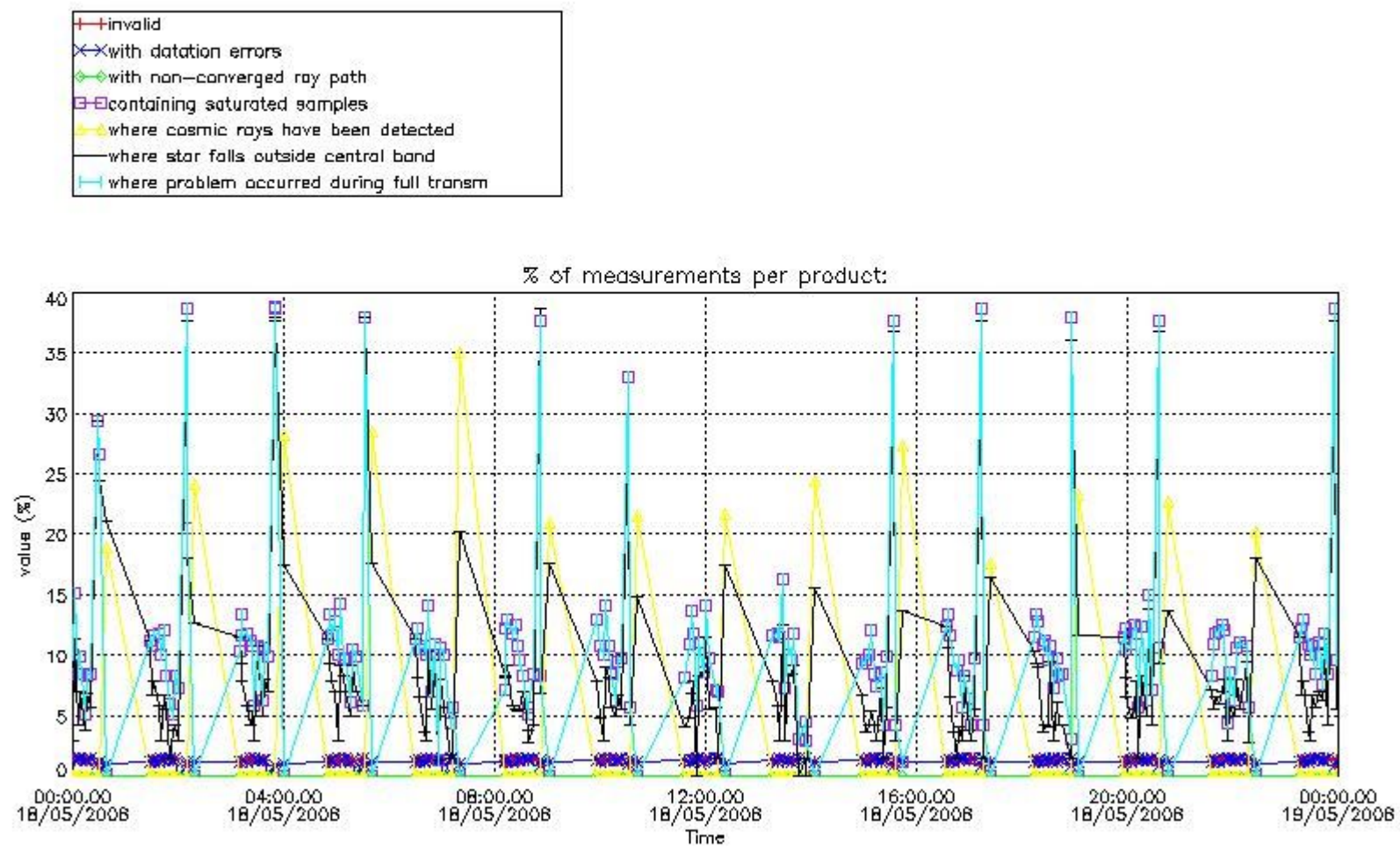
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

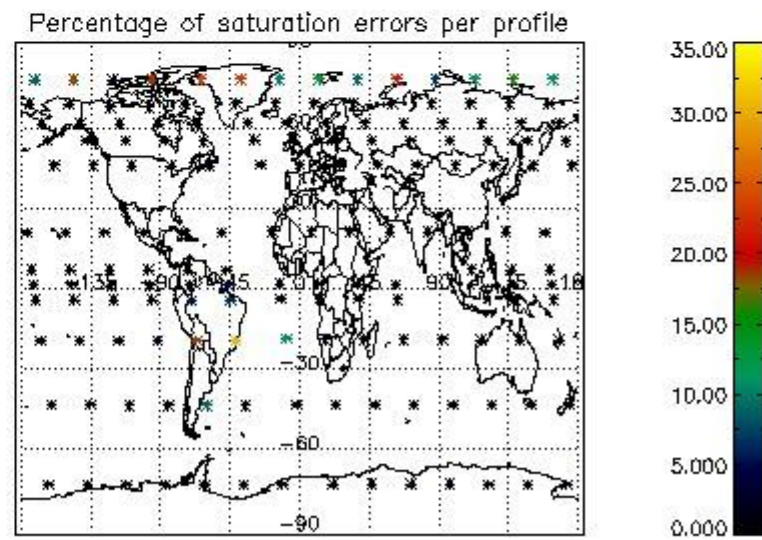
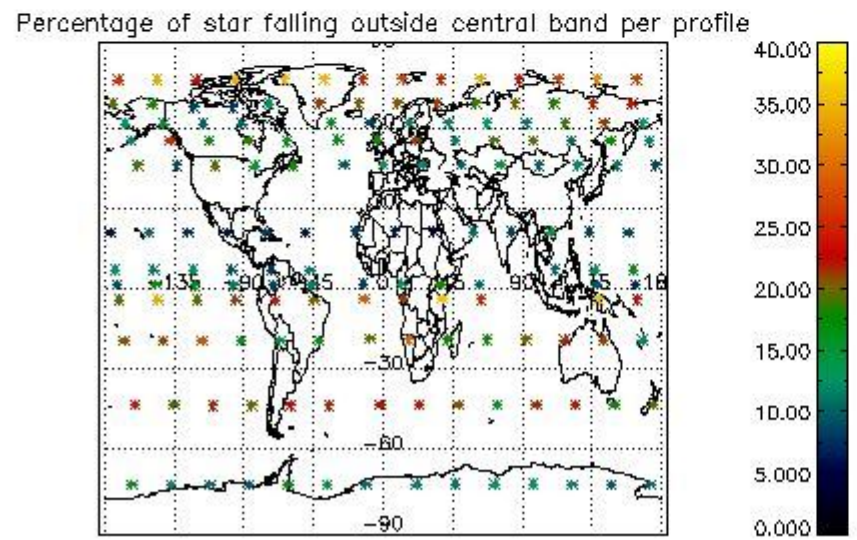
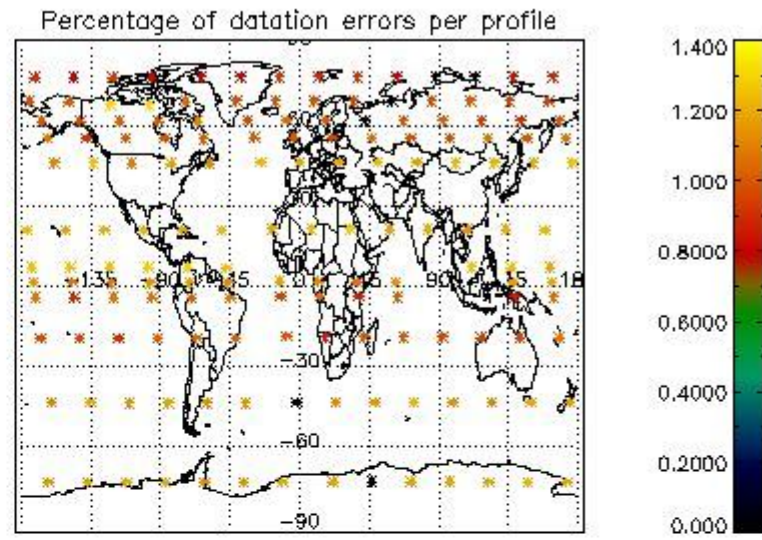
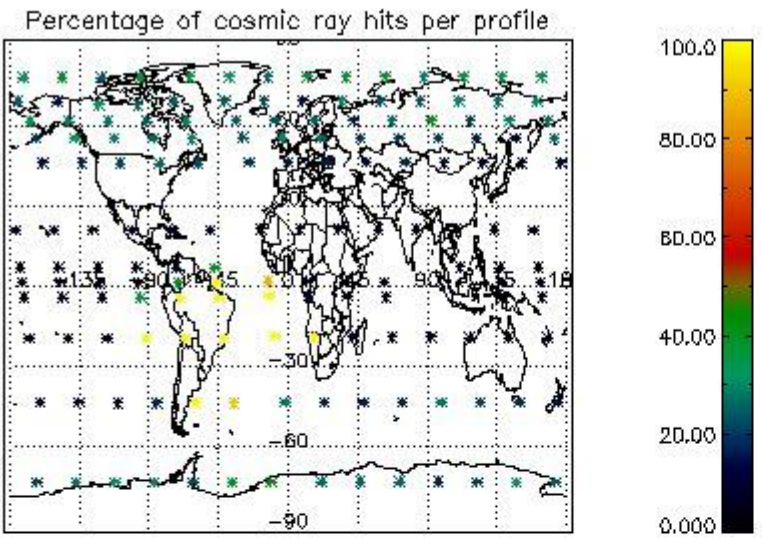


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

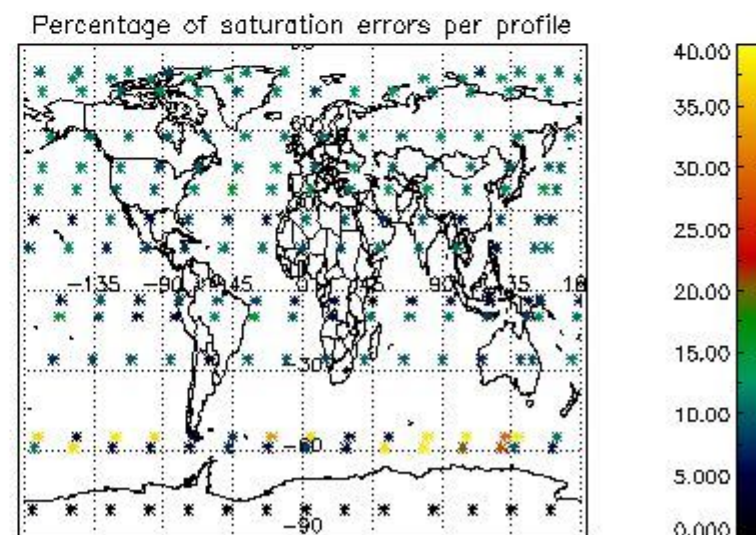
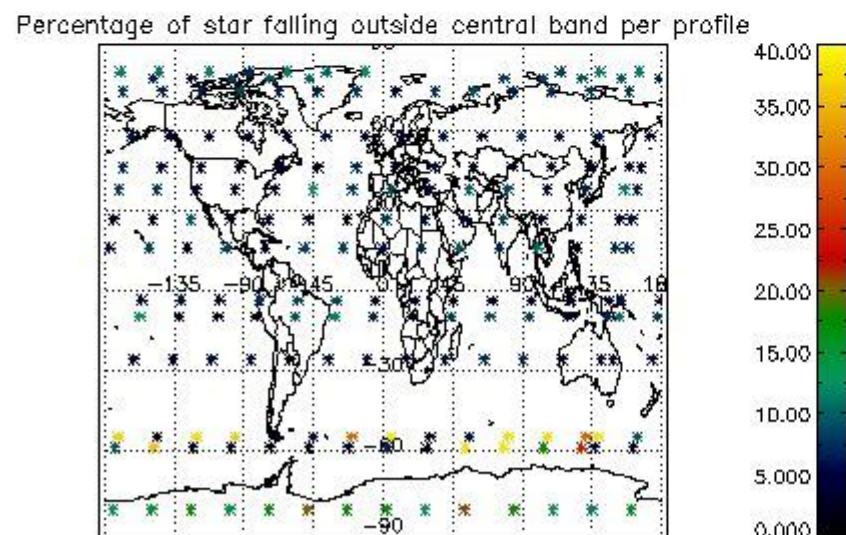
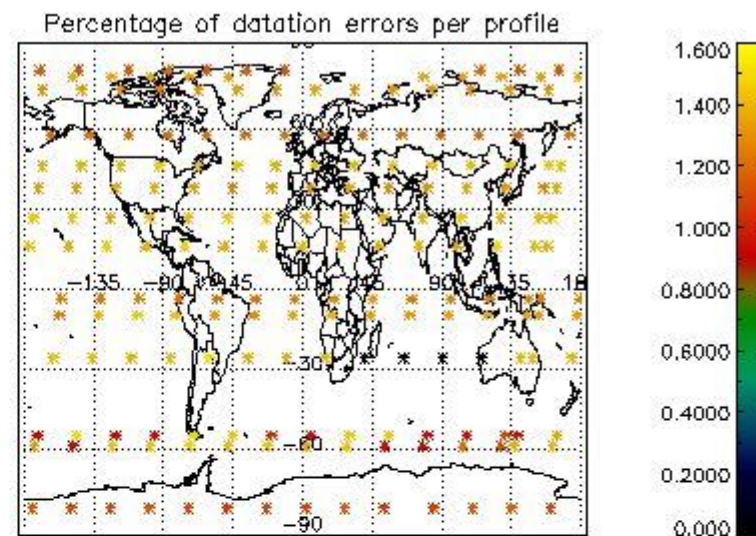
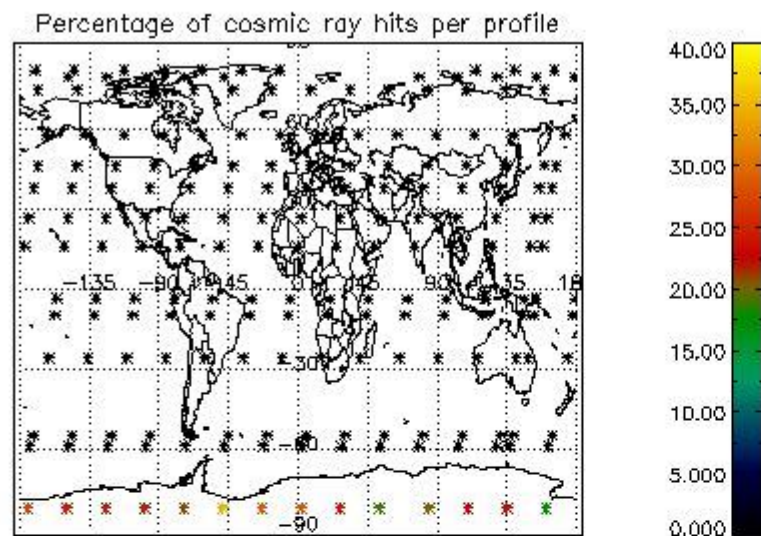


4.2 Plot quality information per product coming from level 1b processing (world map)

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

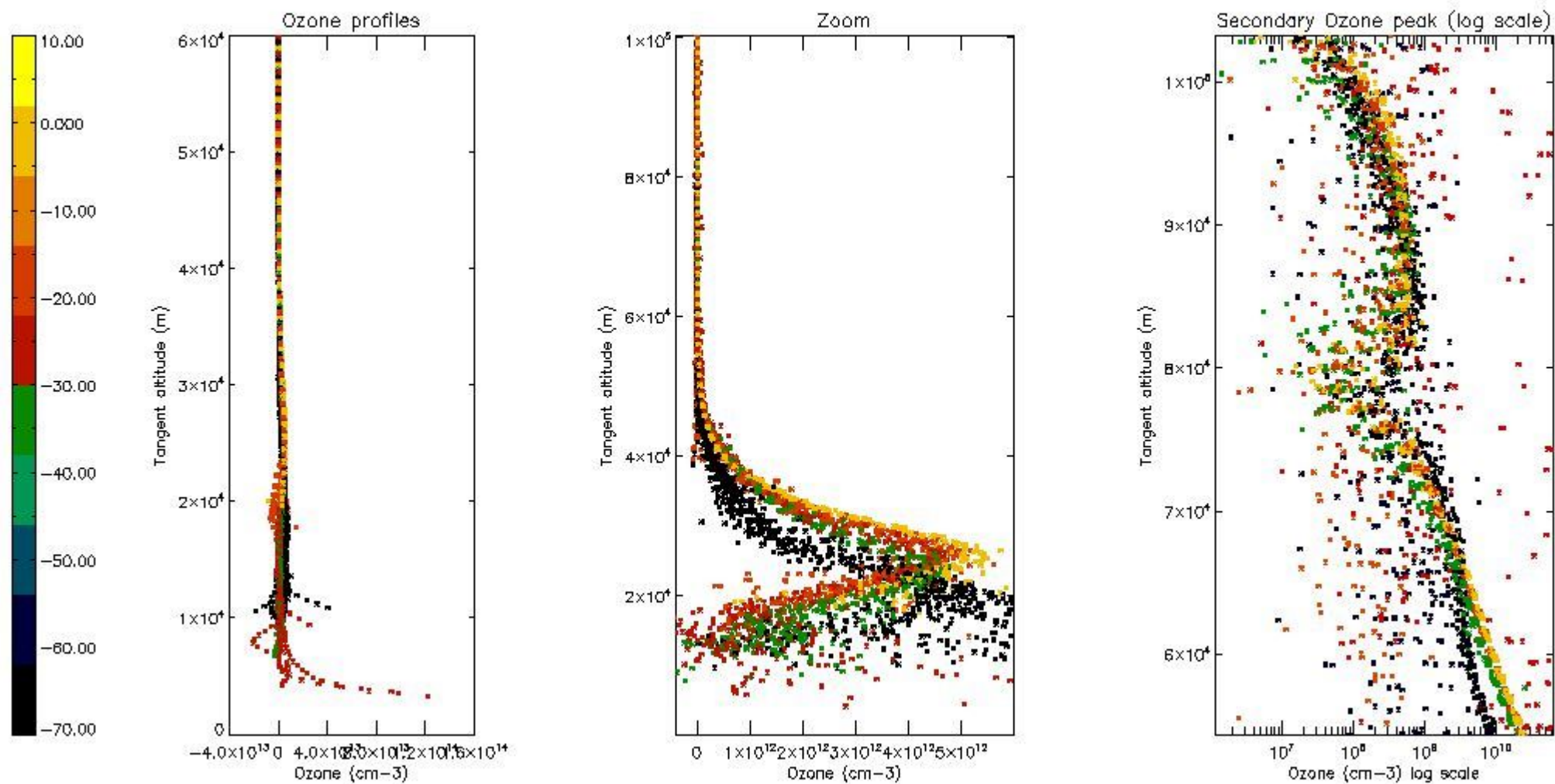
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	10
STD < 5	7

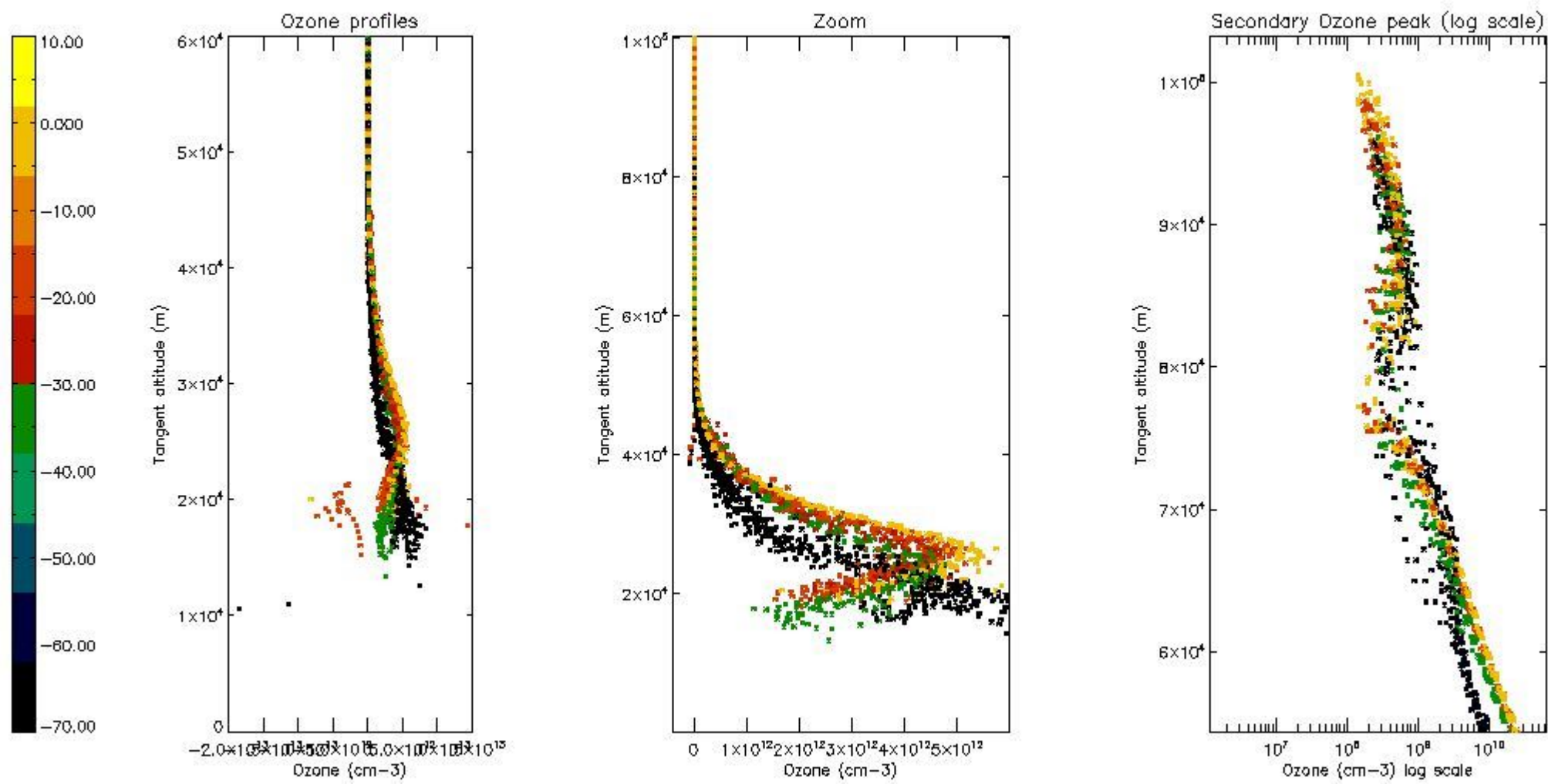
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



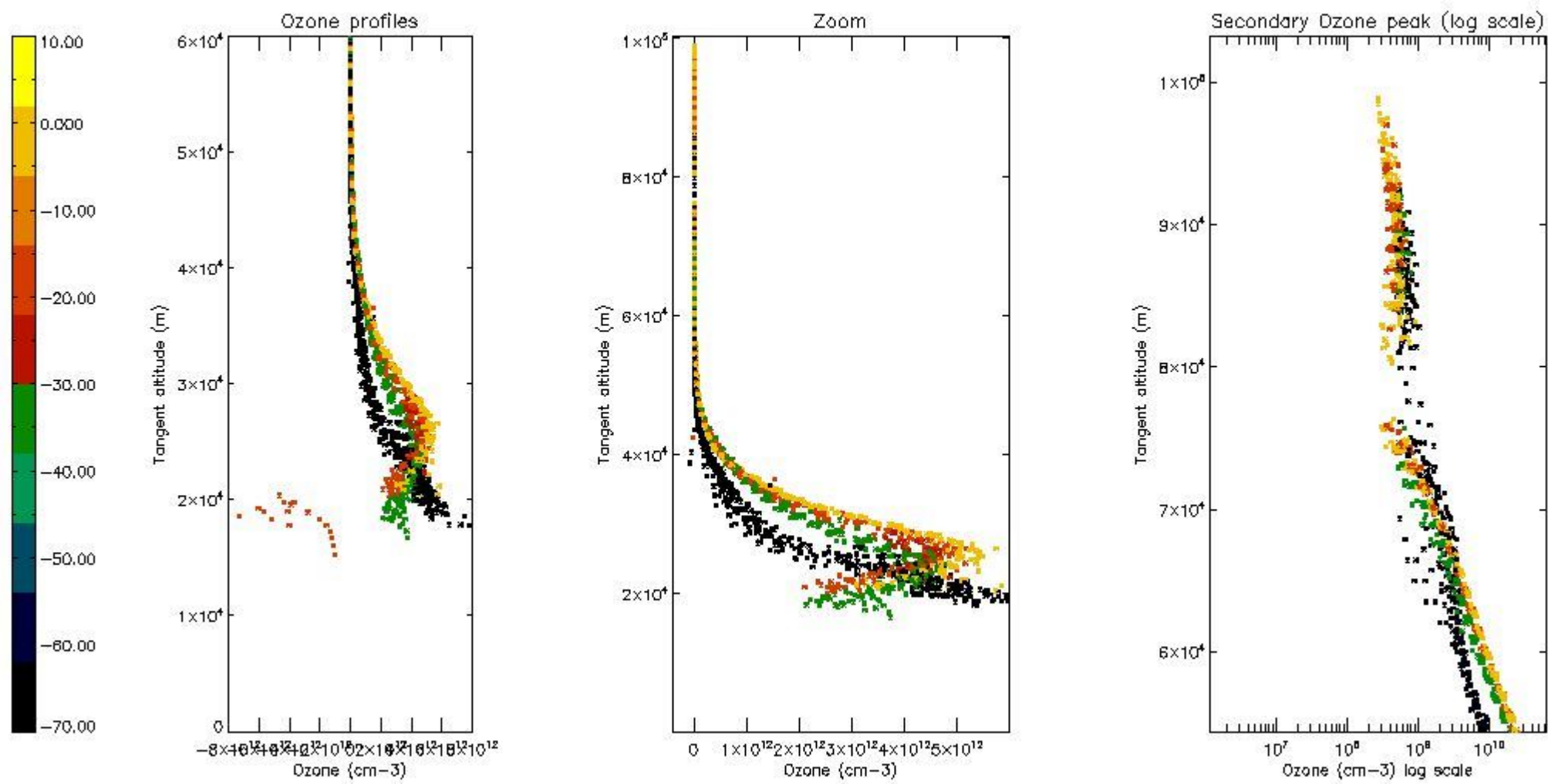
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



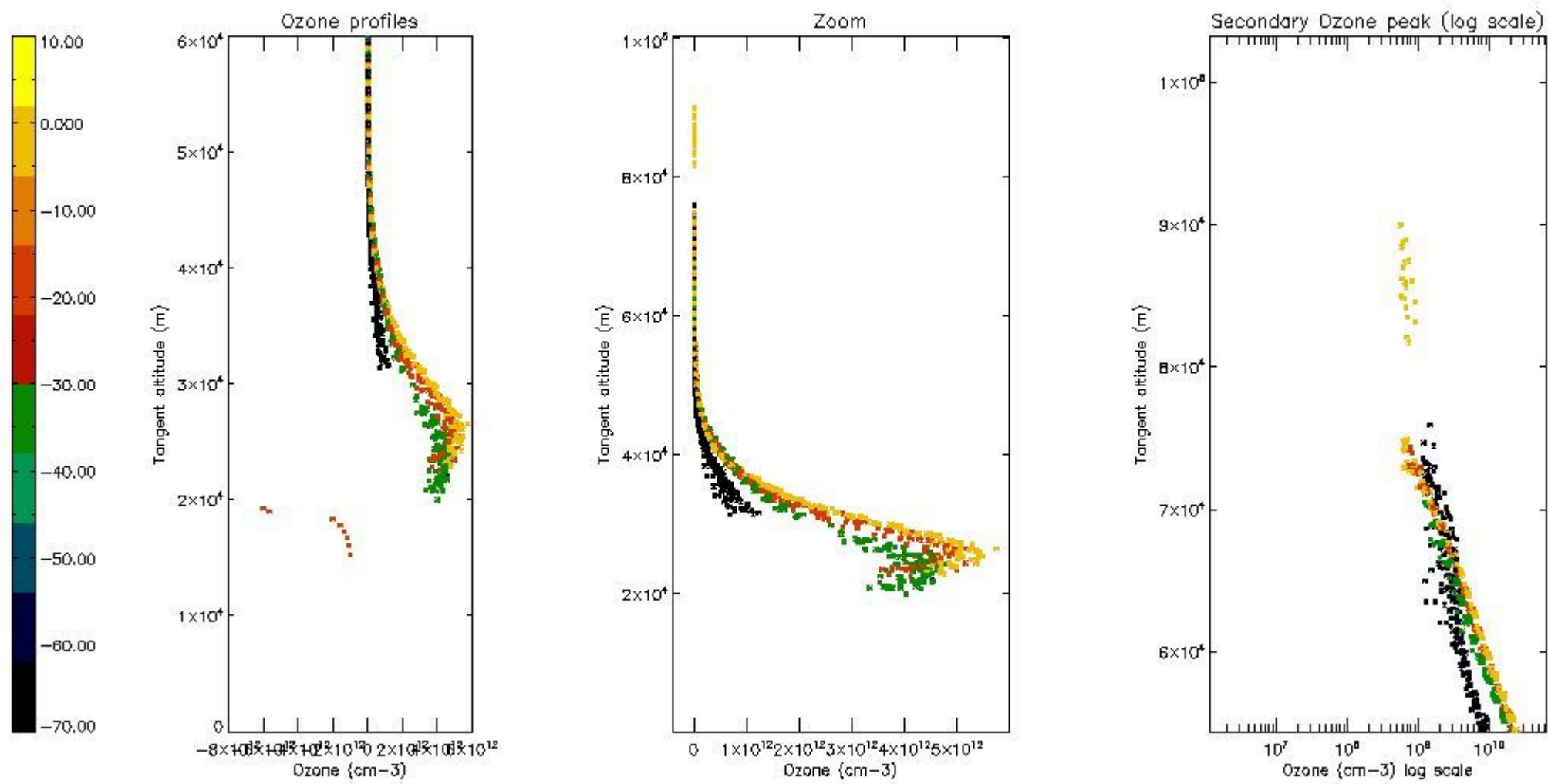
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



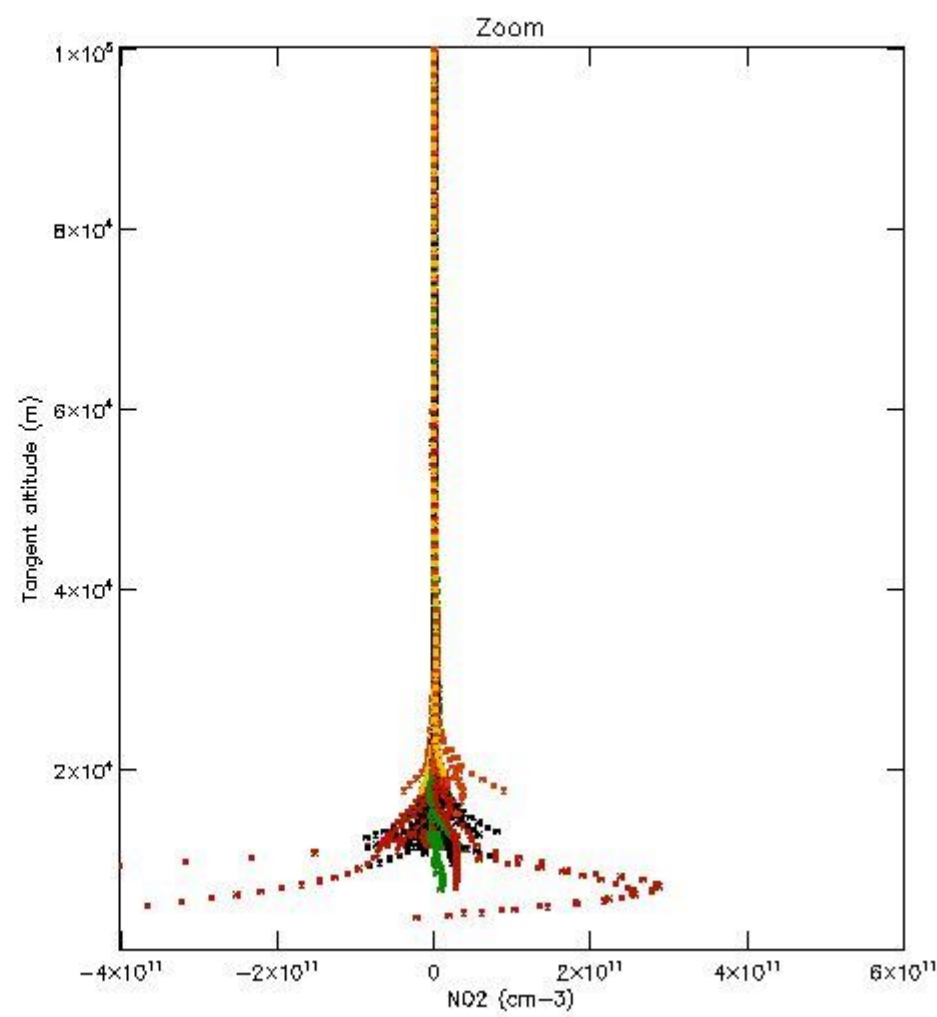
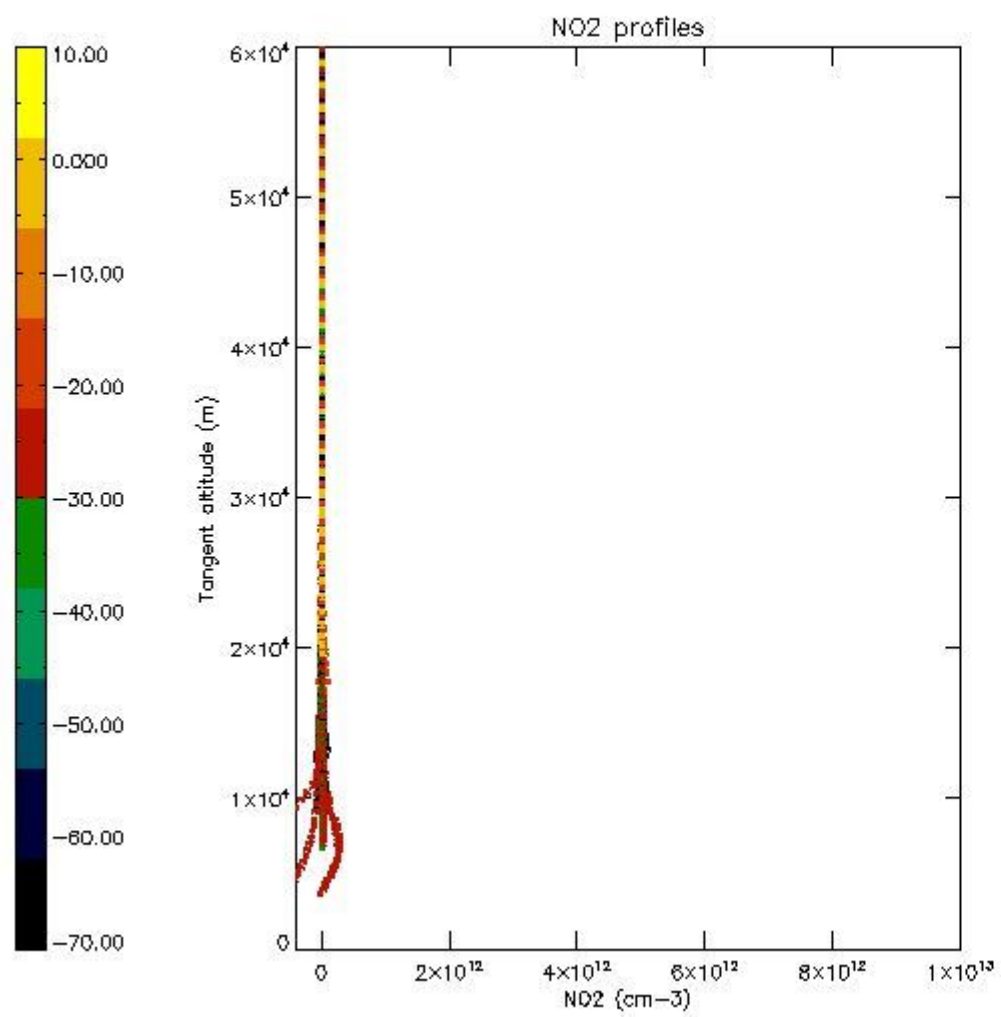
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



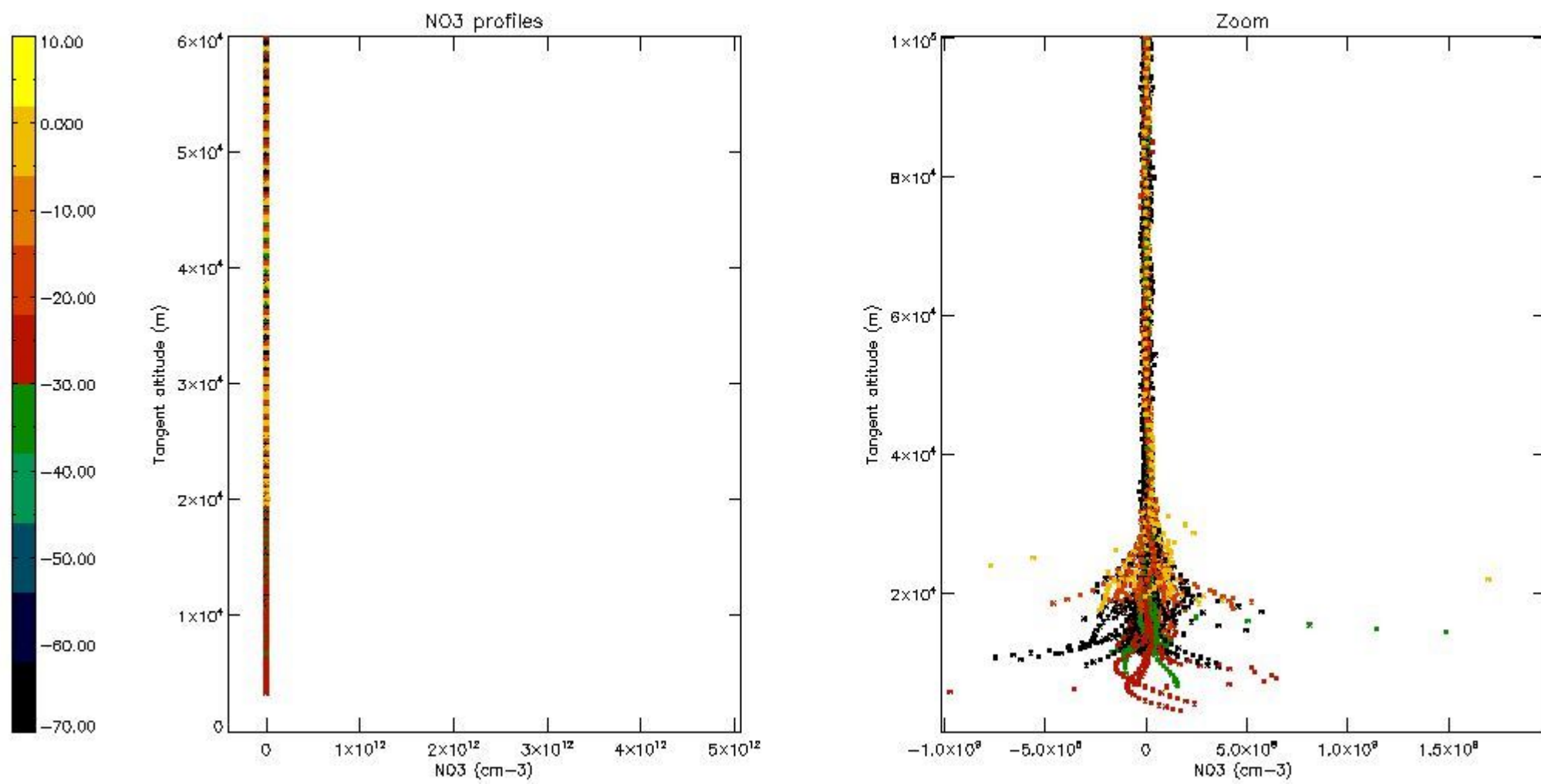
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



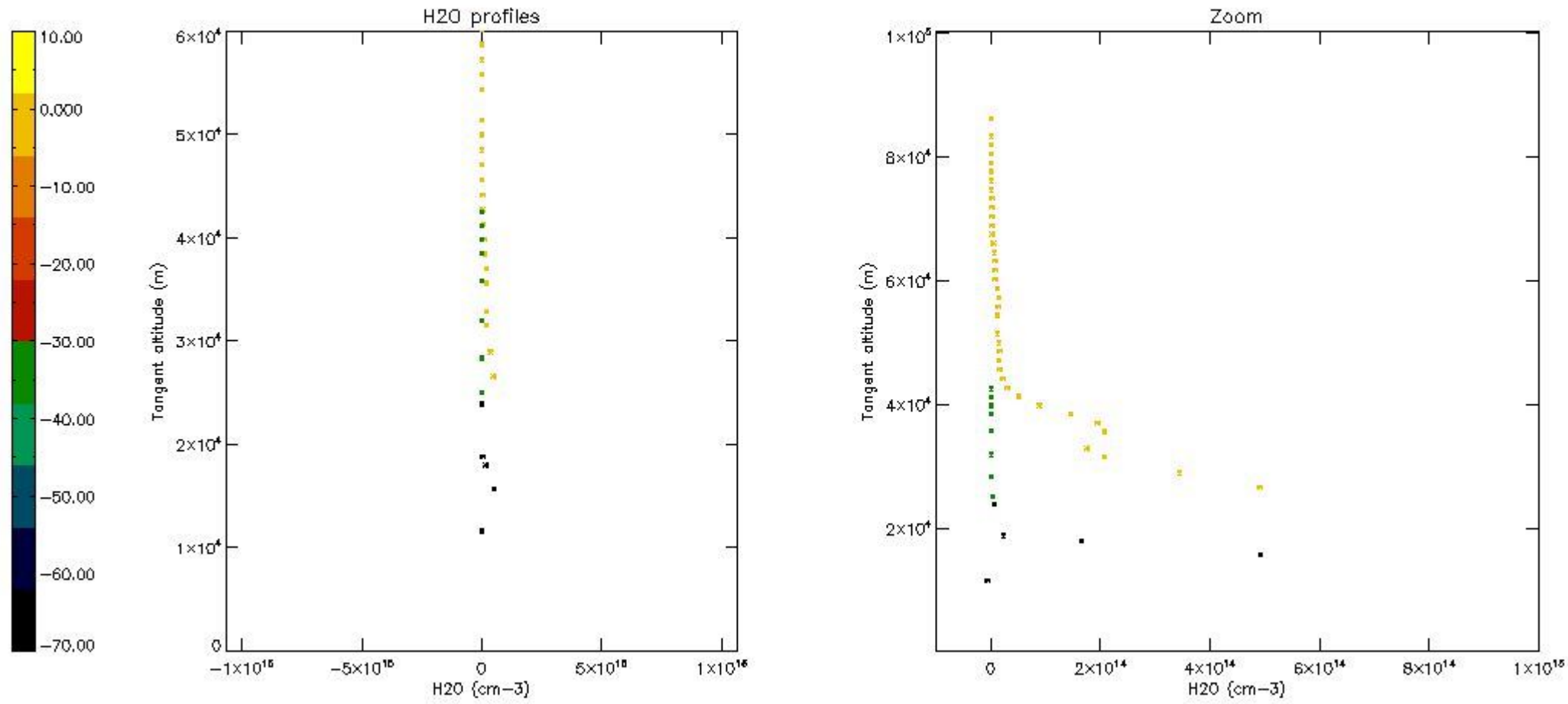
5.7 Plot NO₃ profiles for all STD (dark without errors)

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	18-MAY-2008 00:00:06
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-MAY-2008 00:00:06
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-MAY-2008 00:00:06

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](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	25APR2013 14:23:21
Data source version	GOMOS/6.01
Start time of products	18-05-2008 (18MAY2008 00:00:00)
Stop time of products	19-05-2008 (19MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	356
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__2PRFIN20080518_000006_00000352068_00374_32492_1086.N1	18-MAY-2008 00:00:06	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32492	No
2	GOM_NL__2PRFIN20080518_000229_00000402068_00374_32492_1087.N1	18-MAY-2008 00:02:29	Bright	39.500	83		2.3780	11000.	79	32492	No
3	GOM_NL__2PRFIN20080518_000537_00000362068_00374_32492_1088.N1	18-MAY-2008 00:05:37	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32492	No
4	GOM_NL__2PRFIN20080518_000837_00000362068_00374_32492_1089.N1	18-MAY-2008 00:08:37	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32492	No
5	GOM_NL__2PRFIN20080518_001408_00000392068_00374_32492_1090.N1	18-MAY-2008 00:14:08	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32492	No
6	GOM_NL__2PRFIN20080518_001551_00000372068_00374_32492_1091.N1	18-MAY-2008 00:15:51	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32492	No
7	GOM_NL__2PRFIN20080518_002017_00000362068_00374_32492_1092.N1	18-MAY-2008 00:20:17	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32492	No
8	GOM_NL__2PRFIN20080518_002829_00000462068_00374_32492_1093.N1	18-MAY-2008 00:28:29	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	32492	No
9	GOM_NL__2PRFIN20080518_002943_00000452068_00374_32492_1094.N1	18-MAY-2008 00:29:43	Bright	45.000	68	18Alp Cas	2.2250	4500.0	90	32492	No
10	GOM_NL__2PRFIN20080518_003811_00000482068_00374_32492_1095.N1	18-MAY-2008 00:38:11	Twilight	47.500	58	21Alp And	2.0730	11000.	95	32492	No
11	GOM_NL__2PRFIN20080518_004225_00000422068_00374_32492_1096.N1	18-MAY-2008 00:42:25	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	32492	No
12	GOM_NL__2PRFIN20080518_005110_00000442068_00374_32492_1097.N1	18-MAY-2008 00:51:10	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	32492	No
13	GOM_NL__2PRFIN20080518_005759_00000492068_00374_32492_1098.N1	18-MAY-2008 00:57:59	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	32492	No
14	GOM_NL__2PRFIN20080518_010214_00000472068_00374_32492_1099.N1	18-MAY-2008 01:02:14	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	32492	No
15	GOM_NL__2PRFIN20080518_010347_00000442068_00375_32493_1088.N1	18-MAY-2008 01:03:47	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32493	No
16	GOM_NL__2PRFIN20080518_010523_00000402068_00375_32493_1089.N1	18-MAY-2008 01:05:23	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	32493	No
17	GOM_NL__2PRFIN20080518_010918_00000412068_00375_32493_1090.N1	18-MAY-2008 01:09:18	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32493	No
18	GOM_NL__2PRFIN20080518_011622_00000452068_00375_32493_1091.N1	18-MAY-2008 01:16:22	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	32493	No
19	GOM_NL__2PRFIN20080518_011901_00000502068_00375_32493_1092.N1	18-MAY-2008 01:19:01	Straylight	50.000	40	The Sco	1.8590	7100.0	100	32493	No
20	GOM_NL__2PRFIN20080518_012052_00000452068_00375_32493_1093.N1	18-MAY-2008 01:20:52	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	32493	No
21	GOM_NL__2PRFIN20080518_012307_00000482068_00375_32493_1094.N1	18-MAY-2008 01:23:07	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	32493	No
22	GOM_NL__2PRFIN20080518_012608_00000642068_00375_32493_1095.N1	18-MAY-2008 01:26:08	Twilight	64.000	16	21Alp Sco	1.0200	3000.0	128	32493	No
23	GOM_NL__2PRFIN20080518_012840_00000452068_00375_32493_1096.N1	18-MAY-2008 01:28:40	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	32493	No
24	GOM_NL__2PRFIN20080518_013028_00000372068_00375_32493_1097.N1	18-MAY-2008 01:30:28	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32493	No
25	GOM_NL__2PRFIN20080518_013216_00000392068_00375_32493_1098.N1	18-MAY-2008 01:32:16	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32493	No
26	GOM_NL__2PRFIN20080518_013726_00000432068_00375_32493_1099.N1	18-MAY-2008 01:37:26	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32493	No
27	GOM_NL__2PRFIN20080518_014041_00000352068_00375_32493_1100.N1	18-MAY-2008 01:40:41	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32493	No
28	GOM_NL__2PRFIN20080518_014304_00000382068_00375_32493_1101.N1	18-MAY-2008 01:43:04	Bright	37.500	83		2.3780	11000.	75	32493	No
29	GOM_NL__2PRFIN20080518_014613_00000362068_00375_32493_1102.N1	18-MAY-2008 01:46:13	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32493	No
30	GOM_NL__2PRFIN20080518_014913_00000342068_00375_32493_1103.N1	18-MAY-2008 01:49:13	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	32493	No
31	GOM_NL__2PRFIN20080518_015444_00000402068_00375_32493_1104.N1	18-MAY-2008 01:54:44	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32493	No
32	GOM_NL__2PRFIN20080518_015626_00000362068_00375_32493_1105.N1	18-MAY-2008 01:56:26	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32493	No
33	GOM_NL__2PRFIN20080518_020053_00000352068_00375_32493_1106.N1	18-MAY-2008 02:00:53	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	32493	No
34	GOM_NL__2PRFIN20080518_020905_00000532068_00375_32493_1107.N1	18-MAY-2008 02:09:05	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32493	No
35	GOM_NL__2PRFIN20080518_021018_00000422068_00375_32493_1108.N1	18-MAY-2008 02:10:18	Bright	41.500	68	18Alp Cas	2.2250	4500.0	83	32493	No
36	GOM_NL__2PRFIN20080518_021848_00000442068_00375_32493_1109.N1	18-MAY-2008 02:18:48	Twilight	43.500	58	21Alp And	2.0730	11000.	87	32493	No
37	GOM_NL__2PRFIN20080518_022302_00000442068_00375_32493_1110.N1	18-MAY-2008 02:23:02	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	32493	No
38	GOM_NL__2PRFIN20080518_023147_00000452068_00375_32493_1111.N1	18-MAY-2008 02:31:47	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32493	No
39	GOM_NL__2PRFIN20080518_023836_00000492068_00375_32493_1112.N1	18-MAY-2008 02:38:36	Dark	48.500	18	24Alp PsA	1.1660	9700.0	97	32493	No
40	GOM_NL__2PRFIN20080518_024251_00000492068_00375_32493_1113.N1	18-MAY-2008 02:42:51	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	32493	No
41	GOM_NL__2PRFIN20080518_024424_00000432068_00376_32494_1110.N1	18-MAY-2008 02:44:24	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32494	No
42	GOM_NL__2PRFIN20080518_024600_00000392068_00376_32494_1111.N1	18-MAY-2008 02:46:00	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32494	No

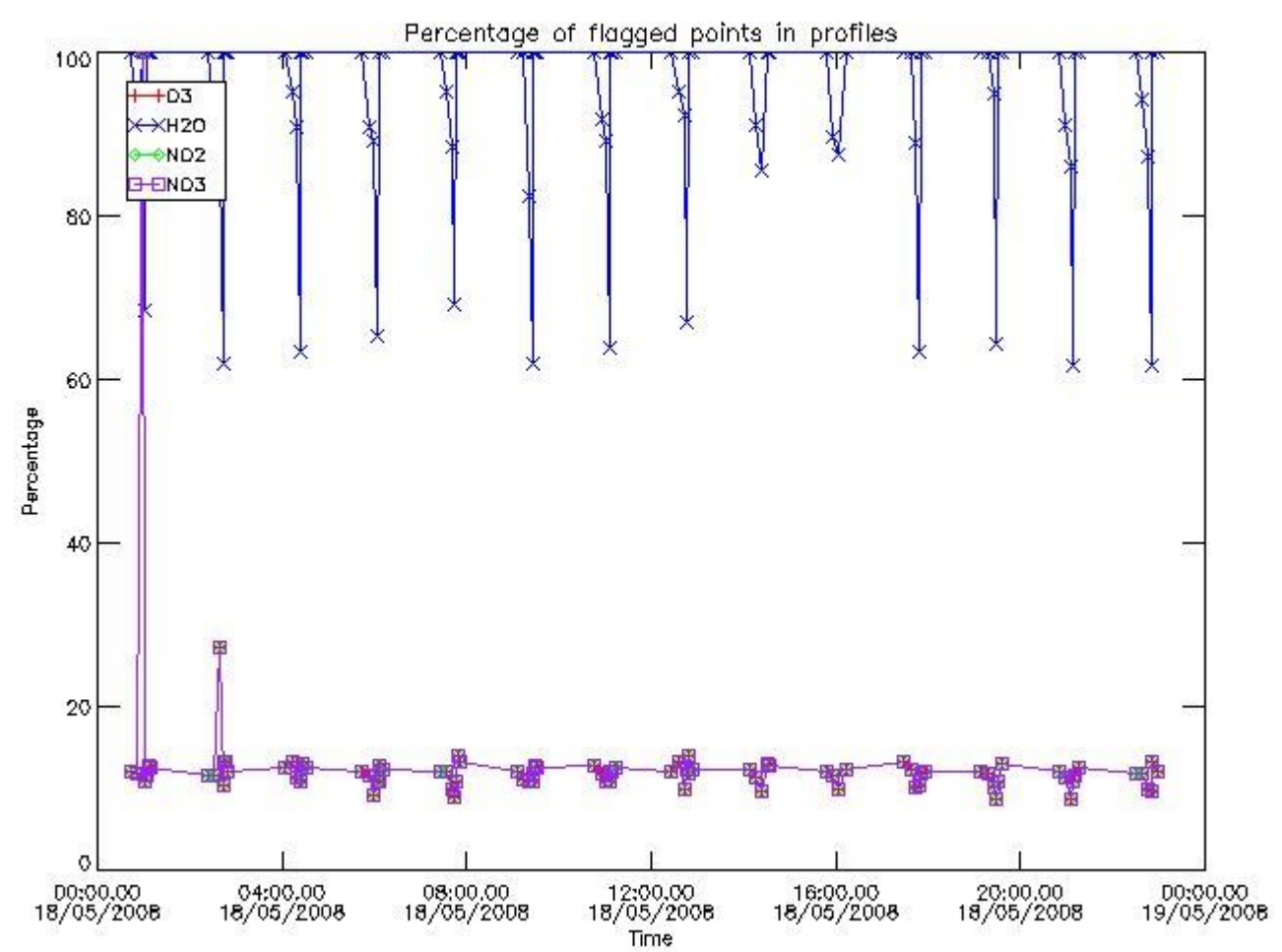
43	GOM_NL__2PRFIN20080518_024955_000000422068_00376_32494_1112.N1	18-MAY-2008 02:49:55	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32494	No
44	GOM_NL__2PRFIN20080518_025659_000000432068_00376_32494_1113.N1	18-MAY-2008 02:56:59	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	32494	No
45	GOM_NL__2PRFIN20080518_025937_000000512068_00376_32494_1114.N1	18-MAY-2008 02:59:37	Straylight	51.000	40	The Sco	1.8590	7100.0	102	32494	No
46	GOM_NL__2PRFIN20080518_030129_000000492068_00376_32494_1115.N1	18-MAY-2008 03:01:29	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	32494	No
47	GOM_NL__2PRFIN20080518_030319_000000382068_00376_32494_1116.N1	18-MAY-2008 03:03:19	Straylight	38.000	131	Gam Lup	2.8000	26000.	76	32494	No
48	GOM_NL__2PRFIN20080518_030644_000000542068_00376_32494_1117.N1	18-MAY-2008 03:06:44	Twilight_stray	53.500	16	21Alp Sco	1.0200	3000.0	107	32494	No
49	GOM_NL__2PRFIN20080518_030916_000000442068_00376_32494_1118.N1	18-MAY-2008 03:09:16	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	32494	No
50	GOM_NL__2PRFIN20080518_031104_000000382068_00376_32494_1119.N1	18-MAY-2008 03:11:04	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	32494	No
51	GOM_NL__2PRFIN20080518_031252_000000392068_00376_32494_1120.N1	18-MAY-2008 03:12:52	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32494	No
52	GOM_NL__2PRFIN20080518_031801_000000432068_00376_32494_1121.N1	18-MAY-2008 03:18:01	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32494	No
53	GOM_NL__2PRFIN20080518_032117_000000362068_00376_32494_1122.N1	18-MAY-2008 03:21:17	Bright	35.500	3	16Alp Boo	-0.050000	4250.0	71	32494	No
54	GOM_NL__2PRFIN20080518_032340_000000372068_00376_32494_1123.N1	18-MAY-2008 03:23:40	Bright	37.000	83		2.3780	11000.	74	32494	No
55	GOM_NL__2PRFIN20080518_032649_000000352068_00376_32494_1124.N1	18-MAY-2008 03:26:49	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	32494	No
56	GOM_NL__2PRFIN20080518_032949_000000372068_00376_32494_1125.N1	18-MAY-2008 03:29:49	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	32494	No
57	GOM_NL__2PRFIN20080518_033519_000000402068_00376_32494_1126.N1	18-MAY-2008 03:35:19	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32494	No
58	GOM_NL__2PRFIN20080518_033702_000000382068_00376_32494_1127.N1	18-MAY-2008 03:37:02	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32494	No
59	GOM_NL__2PRFIN20080518_034129_000000362068_00376_32494_1128.N1	18-MAY-2008 03:41:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32494	No
60	GOM_NL__2PRFIN20080518_034941_000000532068_00376_32494_1129.N1	18-MAY-2008 03:49:41	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32494	No
61	GOM_NL__2PRFIN20080518_035054_000000542068_00376_32494_1130.N1	18-MAY-2008 03:50:54	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	32494	No
62	GOM_NL__2PRFIN20080518_035924_000000462068_00376_32494_1131.N1	18-MAY-2008 03:59:24	Twilight_stray	46.000	58	21Alp And	2.0730	11000.	92	32494	No
63	GOM_NL__2PRFIN20080518_040338_000000452068_00376_32494_1132.N1	18-MAY-2008 04:03:38	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	32494	No
64	GOM_NL__2PRFIN20080518_041223_000000432068_00376_32494_1133.N1	18-MAY-2008 04:12:23	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32494	No
65	GOM_NL__2PRFIN20080518_041913_000000492068_00376_32494_1134.N1	18-MAY-2008 04:19:13	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	32494	No
66	GOM_NL__2PRFIN20080518_042328_000000472068_00376_32494_1135.N1	18-MAY-2008 04:23:28	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	32494	No
67	GOM_NL__2PRFIN20080518_042500_000000442068_00377_32495_1125.N1	18-MAY-2008 04:25:00	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32495	No
68	GOM_NL__2PRFIN20080518_042636_000000392068_00377_32495_1126.N1	18-MAY-2008 04:26:36	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	32495	No
69	GOM_NL__2PRFIN20080518_043031_000000412068_00377_32495_1127.N1	18-MAY-2008 04:30:31	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32495	No
70	GOM_NL__2PRFIN20080518_043735_000000462068_00377_32495_1128.N1	18-MAY-2008 04:37:35	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	32495	No
71	GOM_NL__2PRFIN20080518_044014_000000502068_00377_32495_1129.N1	18-MAY-2008 04:40:14	Straylight	50.000	40	The Sco	1.8590	7100.0	100	32495	No
72	GOM_NL__2PRFIN20080518_044205_000000492068_00377_32495_1130.N1	18-MAY-2008 04:42:05	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	32495	No
73	GOM_NL__2PRFIN20080518_044356_000000382068_00377_32495_1131.N1	18-MAY-2008 04:43:56	Straylight	38.000	131	Gam Lup	2.8000	26000.	76	32495	No
74	GOM_NL__2PRFIN20080518_044720_000000632068_00377_32495_1132.N1	18-MAY-2008 04:47:20	Twilight_stray	62.500	16	21Alp Sco	1.0200	3000.0	125	32495	No
75	GOM_NL__2PRFIN20080518_044952_000000442068_00377_32495_1133.N1	18-MAY-2008 04:49:52	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	32495	No
76	GOM_NL__2PRFIN20080518_045140_000000382068_00377_32495_1134.N1	18-MAY-2008 04:51:40	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	32495	No
77	GOM_NL__2PRFIN20080518_045328_000000392068_00377_32495_1135.N1	18-MAY-2008 04:53:28	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32495	No
78	GOM_NL__2PRFIN20080518_045837_000000432068_00377_32495_1136.N1	18-MAY-2008 04:58:37	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	32495	No
79	GOM_NL__2PRFIN20080518_050153_000000352068_00377_32495_1137.N1	18-MAY-2008 05:01:53	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32495	No
80	GOM_NL__2PRFIN20080518_050416_000000392068_00377_32495_1138.N1	18-MAY-2008 05:04:16	Bright	38.500	83		2.3780	11000.	77	32495	No
81	GOM_NL__2PRFIN20080518_050725_000000372068_00377_32495_1139.N1	18-MAY-2008 05:07:25	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	32495	No
82	GOM_NL__2PRFIN20080518_051025_000000362068_00377_32495_1140.N1	18-MAY-2008 05:10:25	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32495	No
83	GOM_NL__2PRFIN20080518_051555_000000412068_00377_32495_1141.N1	18-MAY-2008 05:15:55	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	32495	No
84	GOM_NL__2PRFIN20080518_051738_000000382068_00377_32495_1142.N1	18-MAY-2008 05:17:38	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32495	No
85	GOM_NL__2PRFIN20080518_052205_000000362068_00377_32495_1143.N1	18-MAY-2008 05:22:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32495	No
86	GOM_NL__2PRFIN20080518_053017_000000352068_00377_32495_1144.N1	18-MAY-2008 05:30:17	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	32495	No
87	GOM_NL__2PRFIN20080518_053130_000000542068_00377_32495_1145.N1	18-MAY-2008 05:31:30	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	32495	No
88	GOM_NL__2PRFIN20080518_054000_000000462068_00377_32495_1146.N1	18-MAY-2008 05:40:00	Twilight_stray	45.500	58	21Alp And	2.0730	11000.	91	32495	No
89	GOM_NL__2PRFIN20080518_054414_000000422068_00377_32495_1147.N1	18-MAY-2008 05:44:14	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	32495	No
90	GOM_NL__2PRFIN20080518_055259_000000442068_00377_32495_1148.N1	18-MAY-2008 05:52:59	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32495	No
91	GOM_NL__2PRFIN20080518_055950_000000562068_00377_32495_1149.N1	18-MAY-2008 05:59:50	Dark	55.500	18	24Alp PsA	1.1660	9700.0	111	32495	No
92	GOM_NL__2PRFIN20080518_060404_000000472068_00377_32495_1150.N1	18-MAY-2008 06:04:04	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	32495	No
93	GOM_NL__2PRFIN20080518_060537_000000472068_00378_32496_1137.N1	18-MAY-2008 06:05:37	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32496	No
94	GOM_NL__2PRFIN20080518_060713_000000402068_00378_32496_1138.N1	18-MAY-2008 06:07:13	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	32496	No
95	GOM_NL__2PRFIN20080518_061108_000000422068_00378_32496_1139.N1	18-MAY-2008 06:11:08	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32496	No
96	GOM_NL__2PRFIN20080518_061812_000000402068_00378_32496_1140.N1	18-MAY-2008 06:18:12	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32496	No
97	GOM_NL__2PRFIN20080518_062050_000000562068_00378_32496_1141.N1	18-MAY-2008 06:20:50	Straylight	55.500	40	The Sco	1.8590	7100.0	111	32496	No
98	GOM_NL__2PRFIN20080518_062242_000000522068_00378_32496_1142.N1	18-MAY-2008 06:22:42	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	32496	No
99	GOM_NL__2PRFIN20080518_062456_000000502068_00378_32496_1143.N1	18-MAY-2008 06:24:56	Twilight_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	32496	No
100	GOM_NL__2PRFIN20080518_062757_000000562068_00378_32496_1144.N1	18-MAY-2008 06:27:57	Twilight_stray	56.000	16	21Alp Sco	1.0200	3000.0	112	32496	No
101	GOM_NL__2PRFIN20080518_063028_000000442068_00378_32496_1145.N1	18-MAY-2008 06:30:28	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	32496	No

338	GOM_NL__2PRFIN20080518_225714_000000422068_00388_32506_1295.N1	18-MAY-2008 22:57:14	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32506	No
339	GOM_NL__2PRFIN20080518_230416_000000412068_00388_32506_1296.N1	18-MAY-2008 23:04:16	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32506	No
340	GOM_NL__2PRFIN20080518_230656_000000502068_00388_32506_1297.N1	18-MAY-2008 23:06:56	Straylight	50.000	40	The Sco	1.8590	7100.0	100	32506	No
341	GOM_NL__2PRFIN20080518_230847_000000532068_00388_32506_1298.N1	18-MAY-2008 23:08:47	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	32506	No
342	GOM_NL__2PRFIN20080518_231059_000000522068_00388_32506_1299.N1	18-MAY-2008 23:10:59	Tw_i_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	32506	No
343	GOM_NL__2PRFIN20080518_231359_000000632068_00388_32506_1300.N1	18-MAY-2008 23:13:59	Tw_i_and_stray	63.000	16	21Alp Sco	1.0200	3000.0	126	32506	No
344	GOM_NL__2PRFIN20080518_231629_000000442068_00388_32506_1301.N1	18-MAY-2008 23:16:29	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	32506	No
345	GOM_NL__2PRFIN20080518_231816_000000372068_00388_32506_1302.N1	18-MAY-2008 23:18:16	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32506	No
346	GOM_NL__2PRFIN20080518_232004_000000392068_00388_32506_1303.N1	18-MAY-2008 23:20:04	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32506	No
347	GOM_NL__2PRFIN20080518_232510_000000422068_00388_32506_1304.N1	18-MAY-2008 23:25:10	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	32506	No
348	GOM_NL__2PRFIN20080518_232829_000000352068_00388_32506_1305.N1	18-MAY-2008 23:28:29	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32506	No
349	GOM_NL__2PRFIN20080518_233050_000000372068_00388_32506_1306.N1	18-MAY-2008 23:30:50	Bright	37.000	83		2.3780	11000.	74	32506	No
350	GOM_NL__2PRFIN20080518_233359_000000362068_00388_32506_1307.N1	18-MAY-2008 23:33:59	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32506	No
351	GOM_NL__2PRFIN20080518_233700_000000362068_00388_32506_1308.N1	18-MAY-2008 23:37:00	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32506	No
352	GOM_NL__2PRFIN20080518_234225_000000402068_00388_32506_1309.N1	18-MAY-2008 23:42:25	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32506	No
353	GOM_NL__2PRFIN20080518_234412_000000382068_00388_32506_1310.N1	18-MAY-2008 23:44:12	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32506	No
354	GOM_NL__2PRFIN20080518_234840_000000362068_00388_32506_1311.N1	18-MAY-2008 23:48:40	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32506	No
355	GOM_NL__2PRFIN20080518_235652_000000532068_00388_32506_1312.N1	18-MAY-2008 23:56:52	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32506	No
356	GOM_NL__2PRFIN20080518_235805_000000372068_00388_32506_1313.N1	18-MAY-2008 23:58:05	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	32506	No

3. Quality information per product

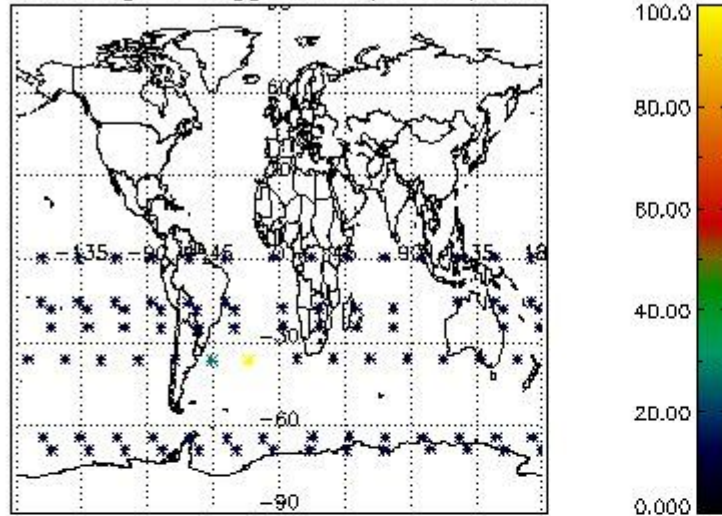
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

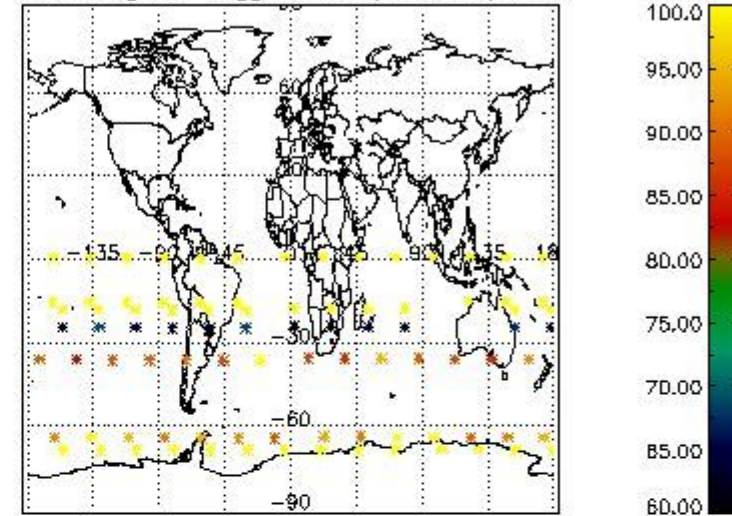


3.2 Plot quality information per product (world map)

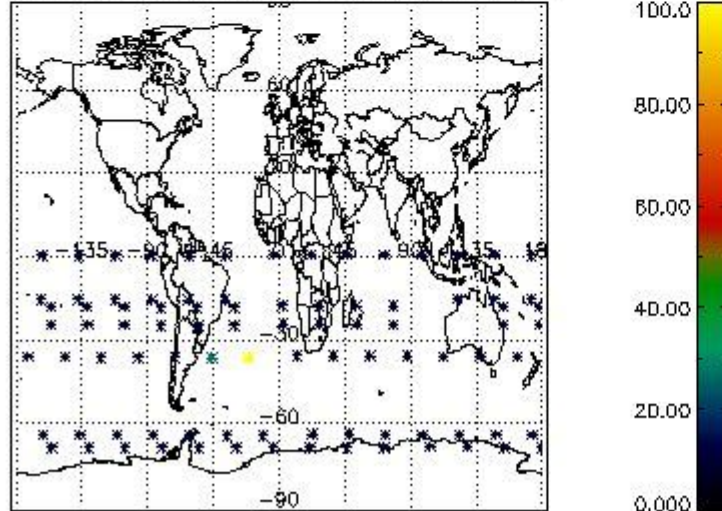
Percentage of flagged data per O3 profile



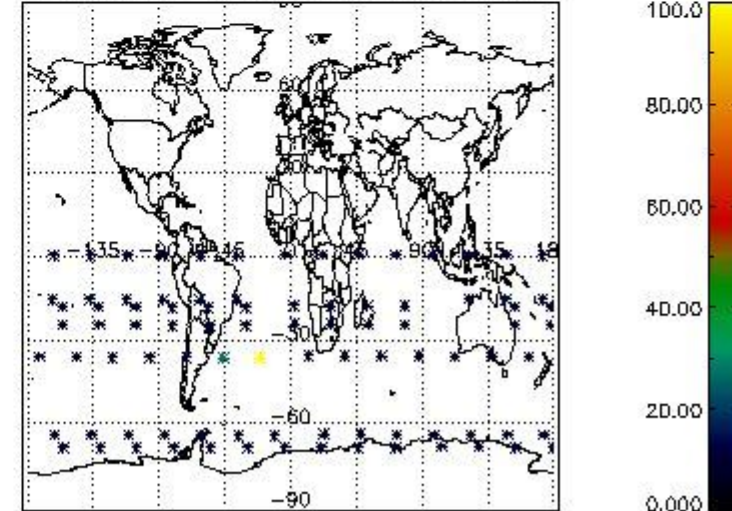
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

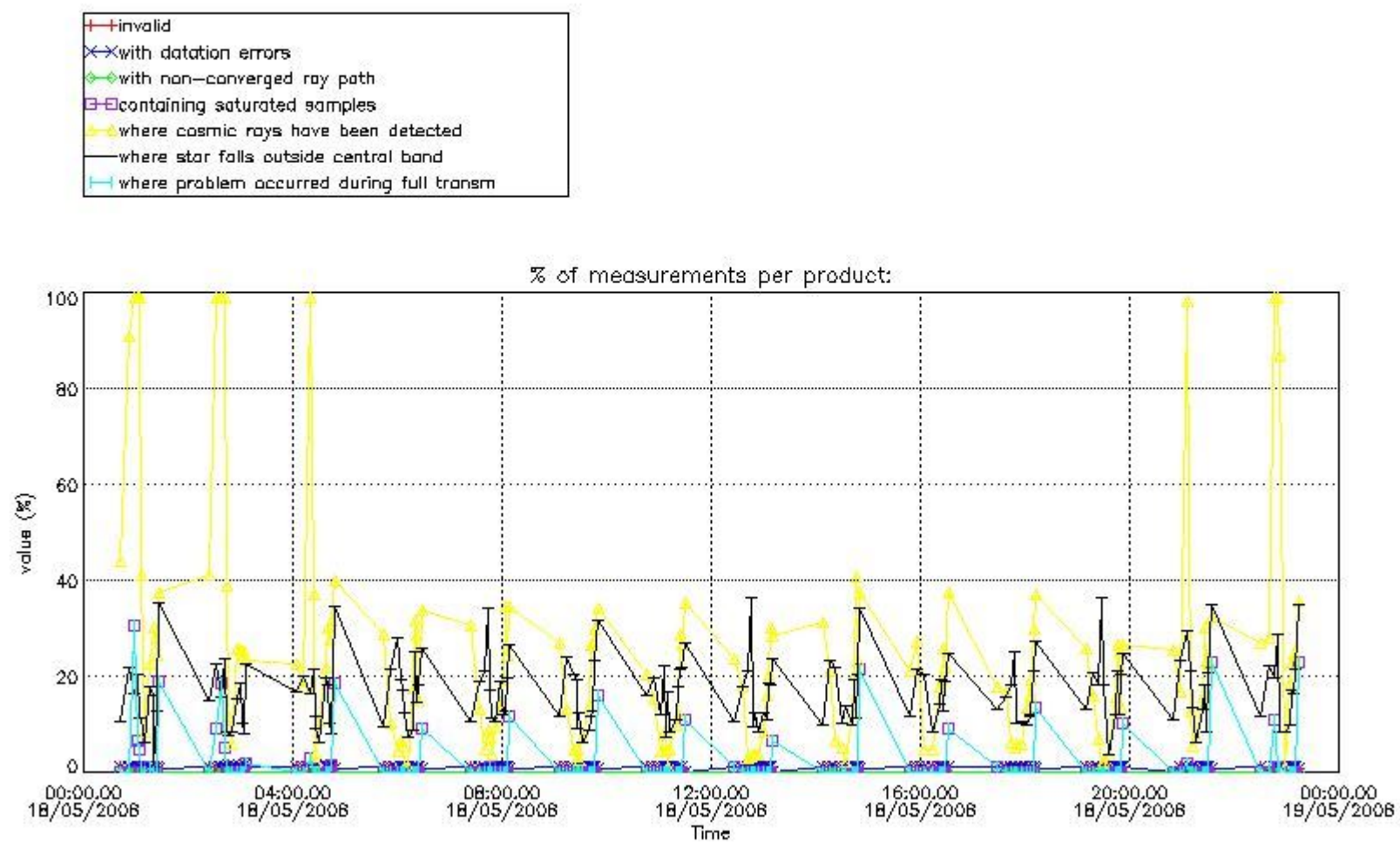


4. Level 1 quality information per product

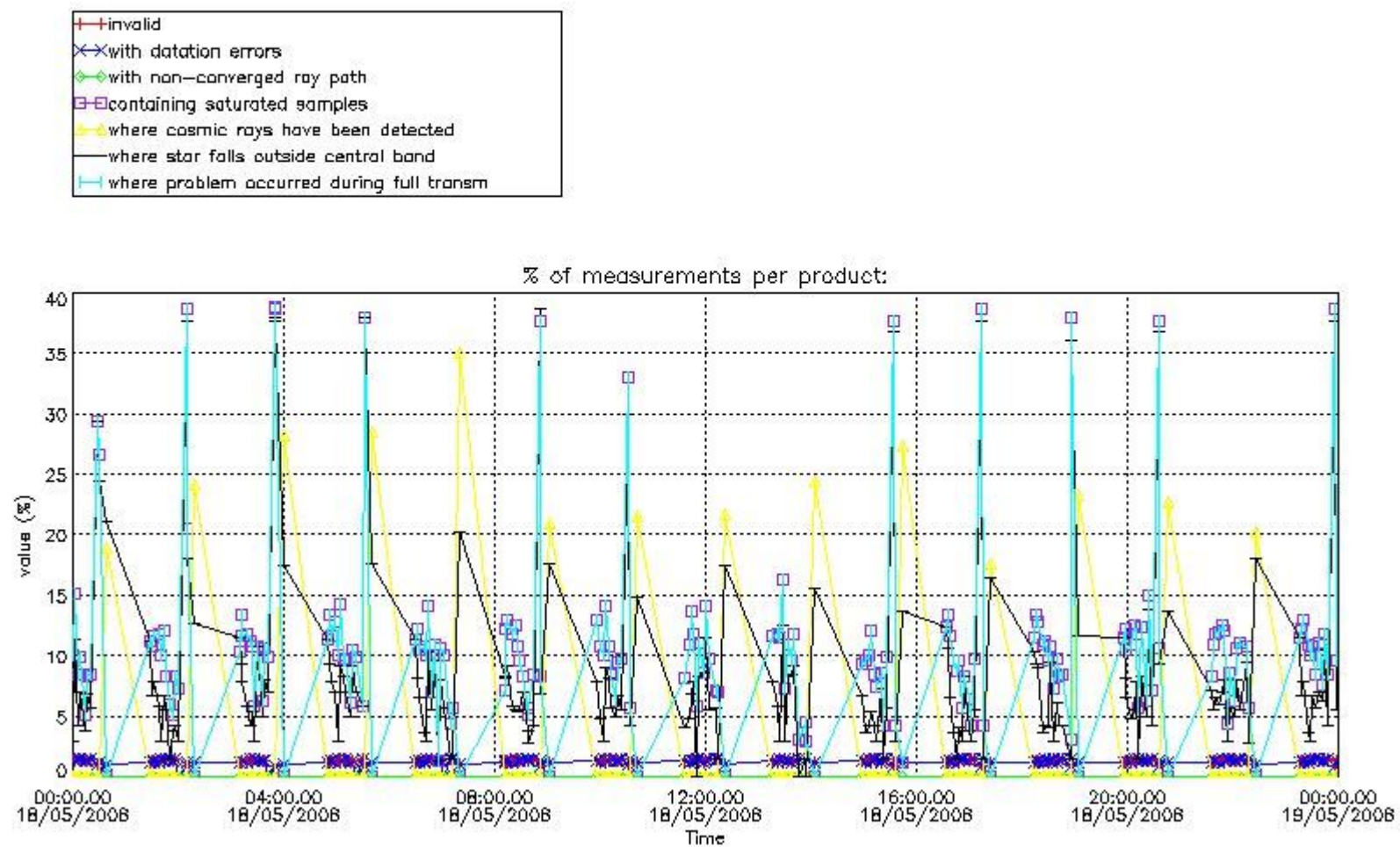
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



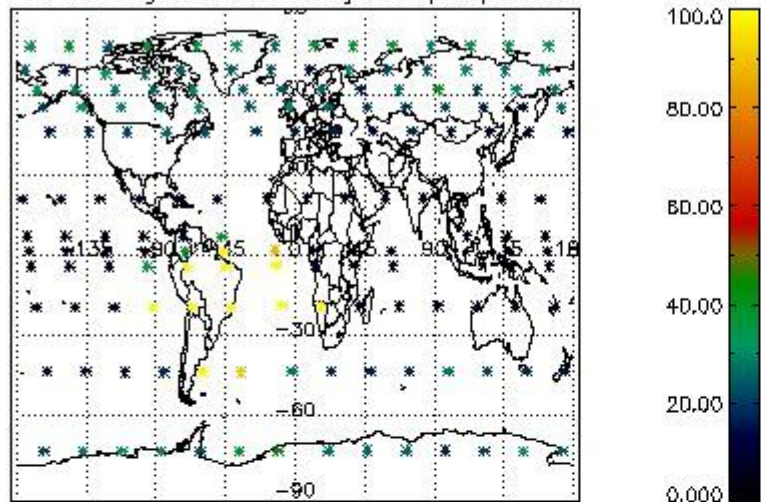
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



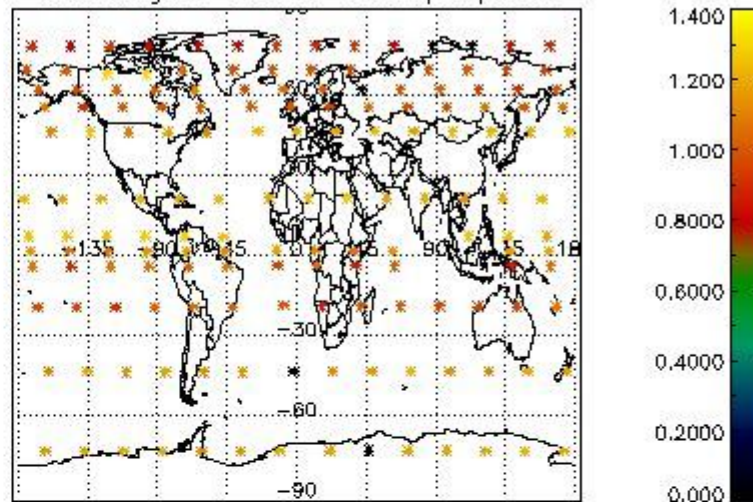
4.2 Plot quality information per product coming from level 1b processing (world map)

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

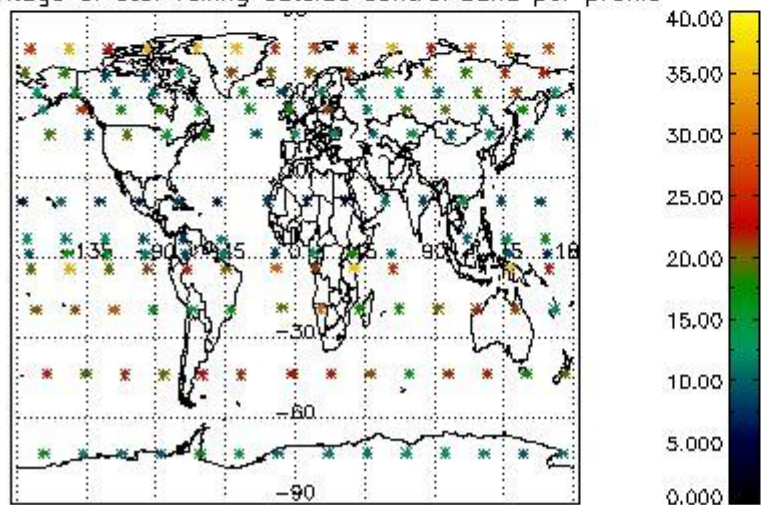
Percentage of cosmic ray hits per profile



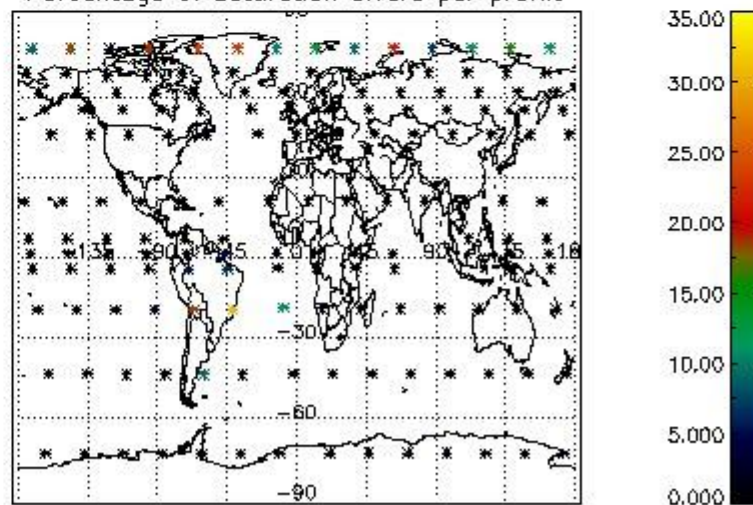
Percentage of datation errors per profile



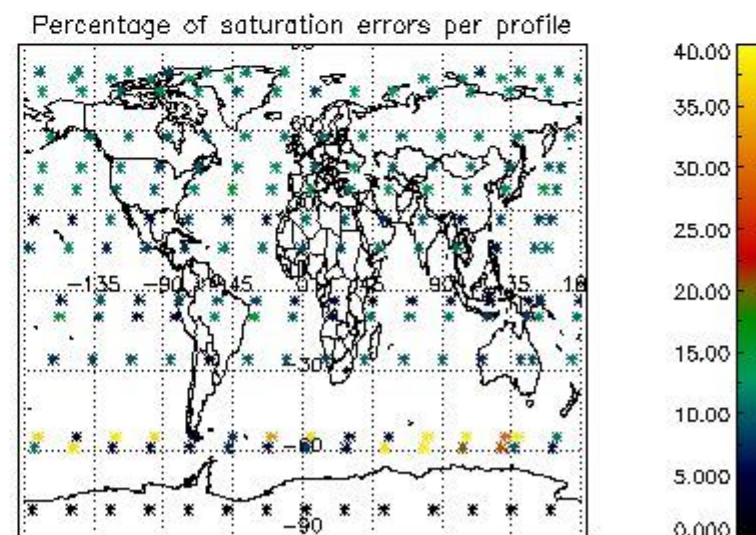
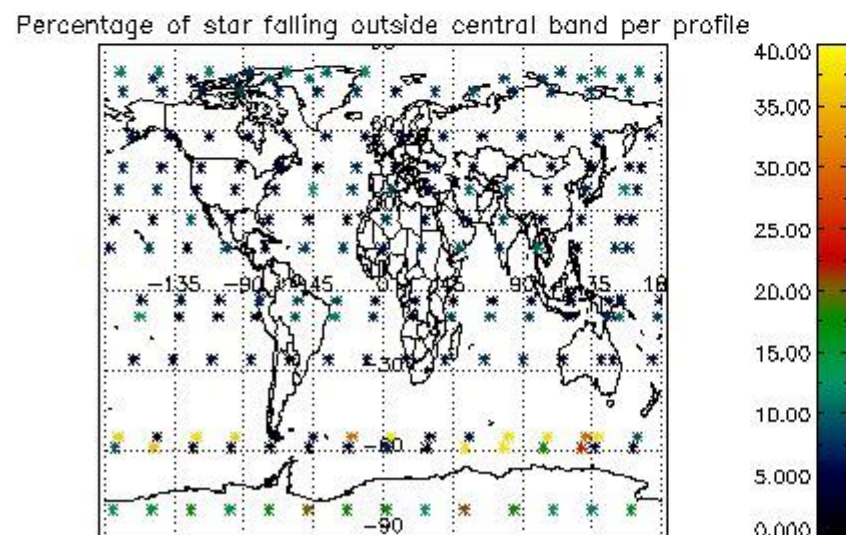
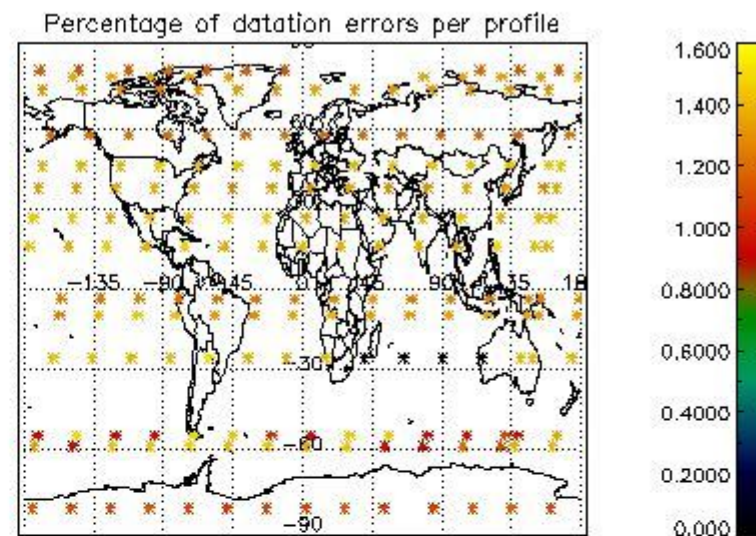
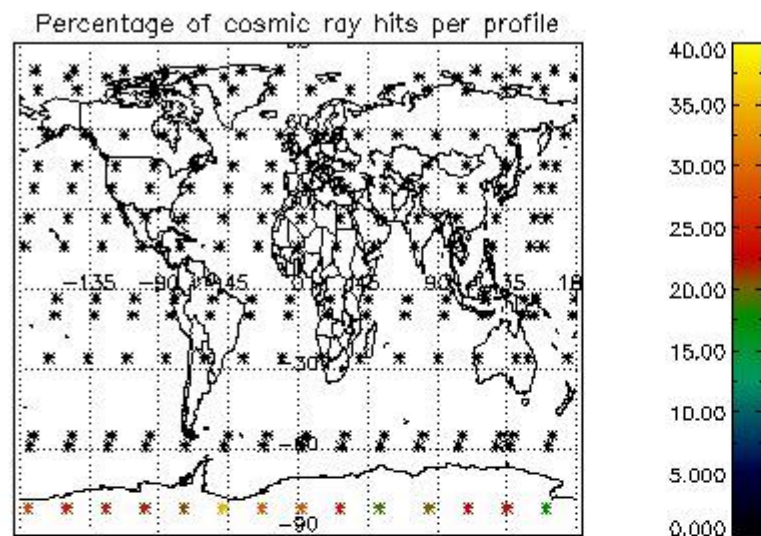
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

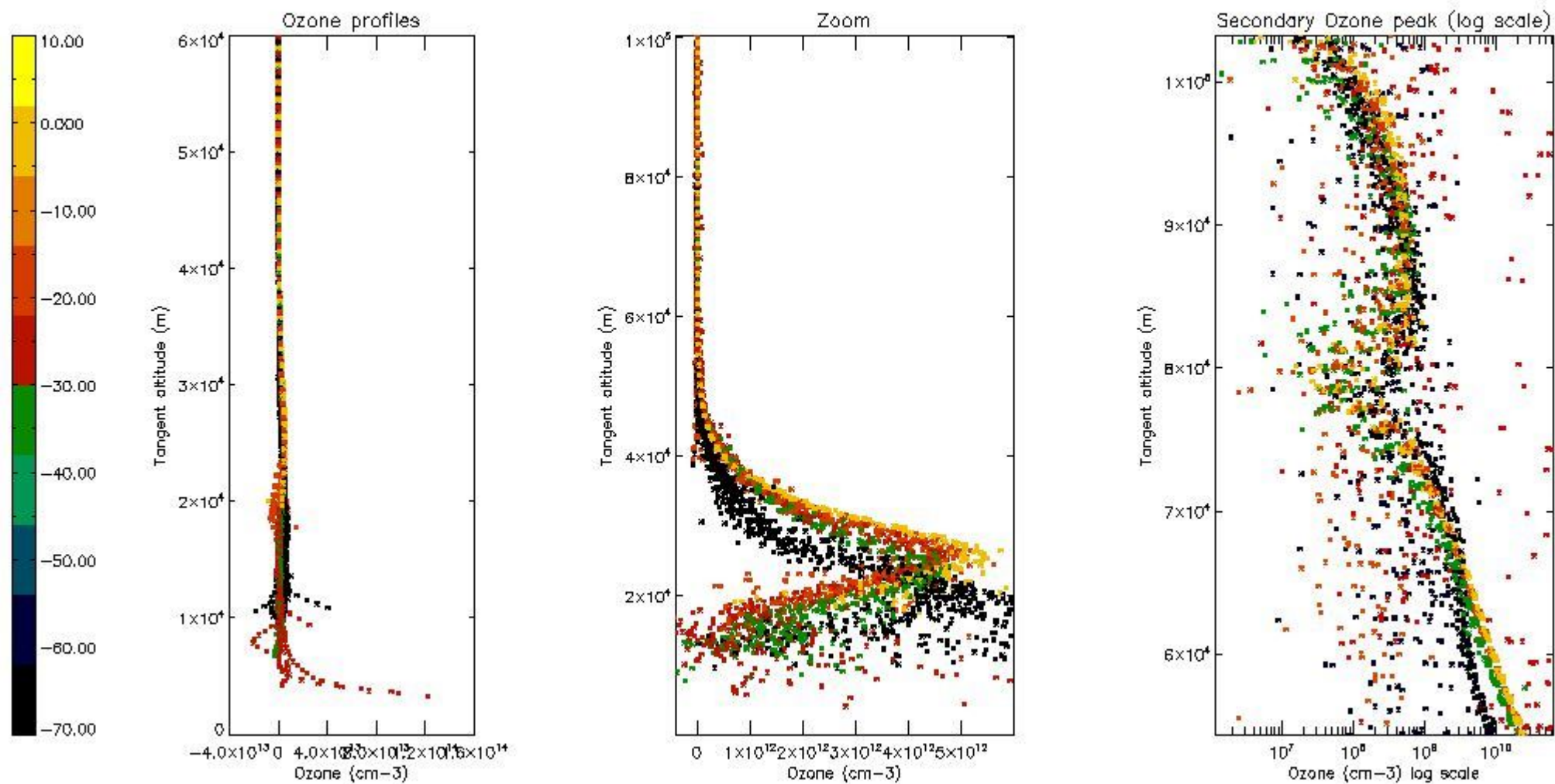
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	10
STD < 5	7

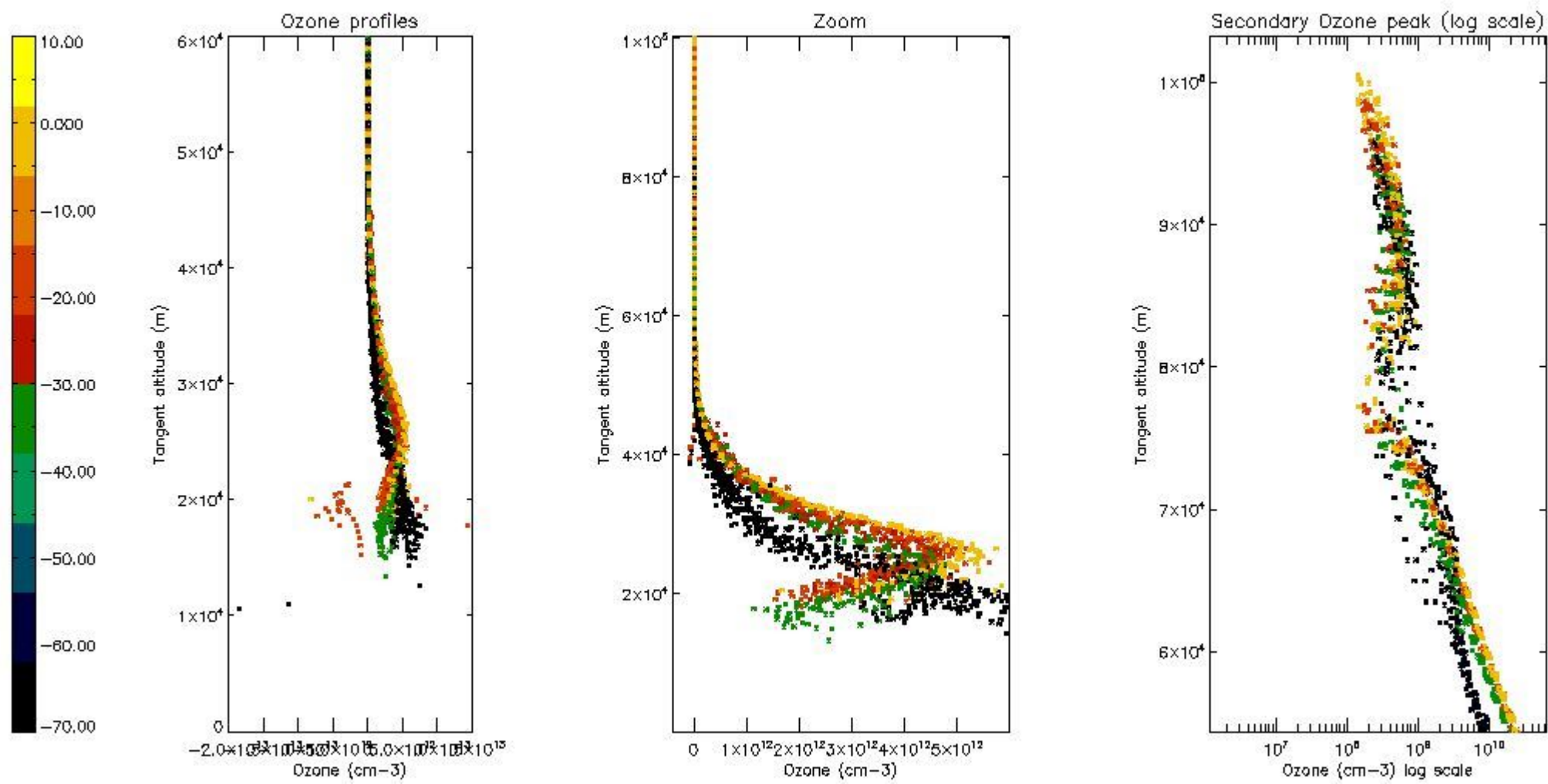
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



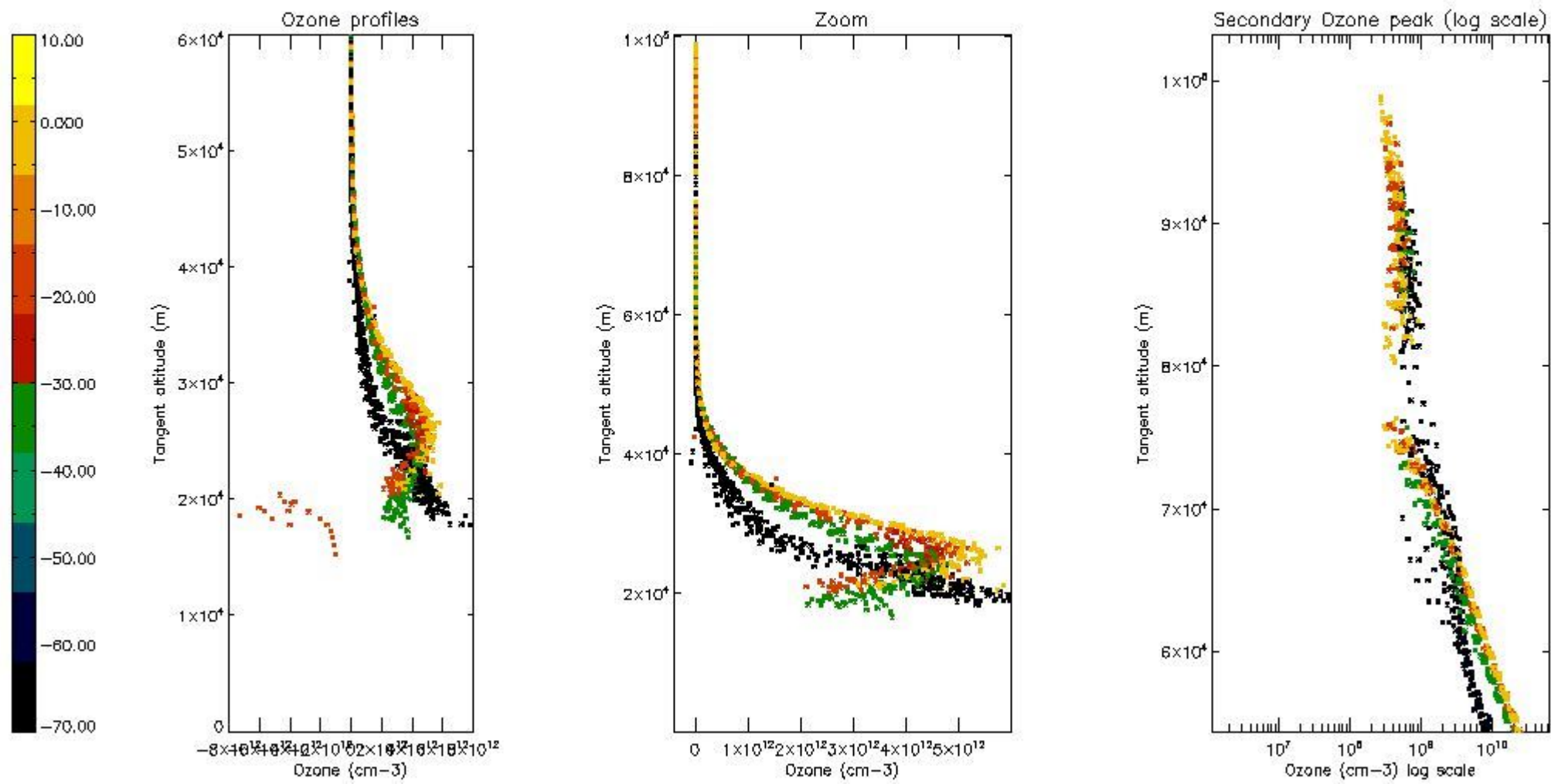
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



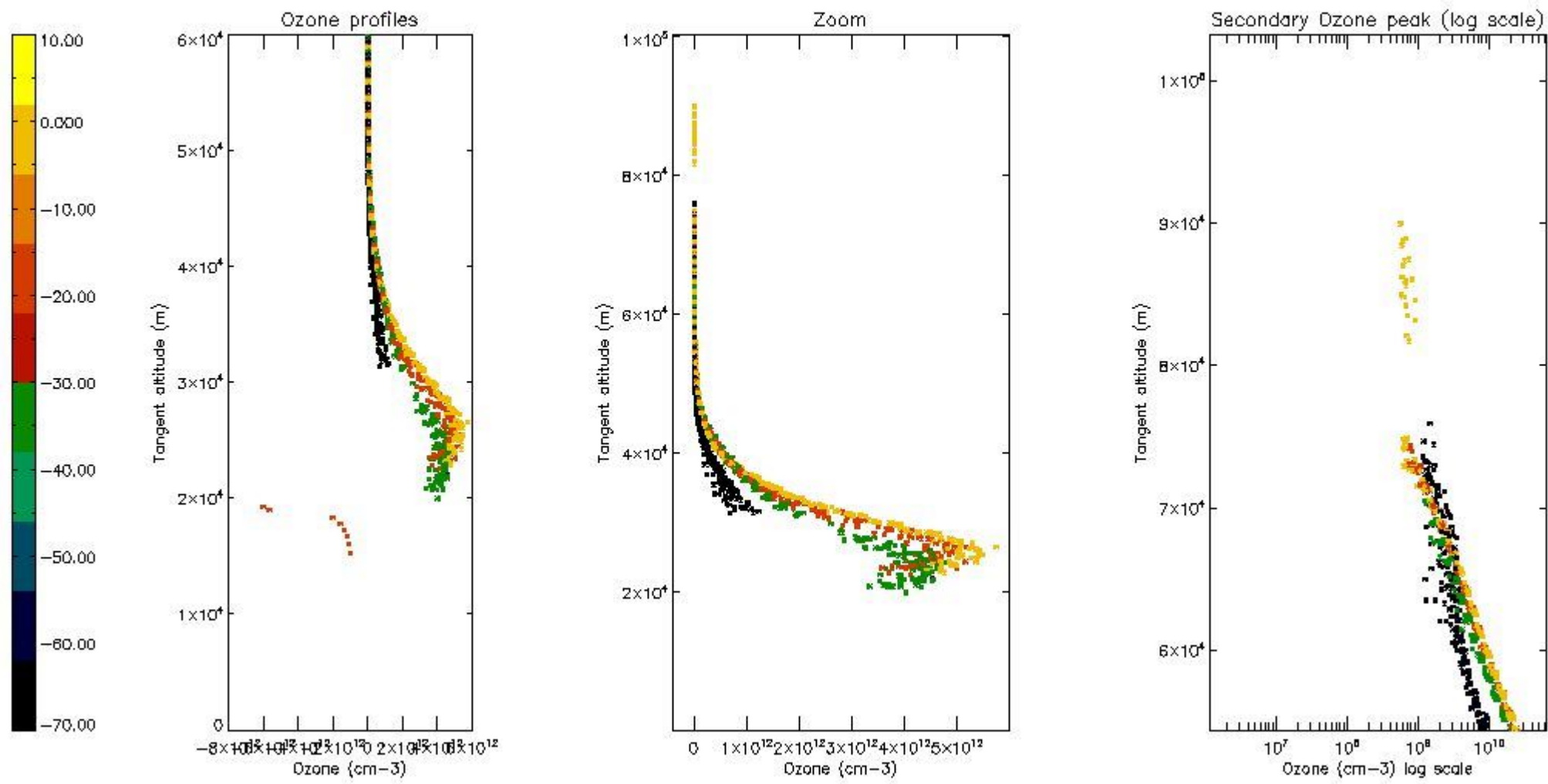
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



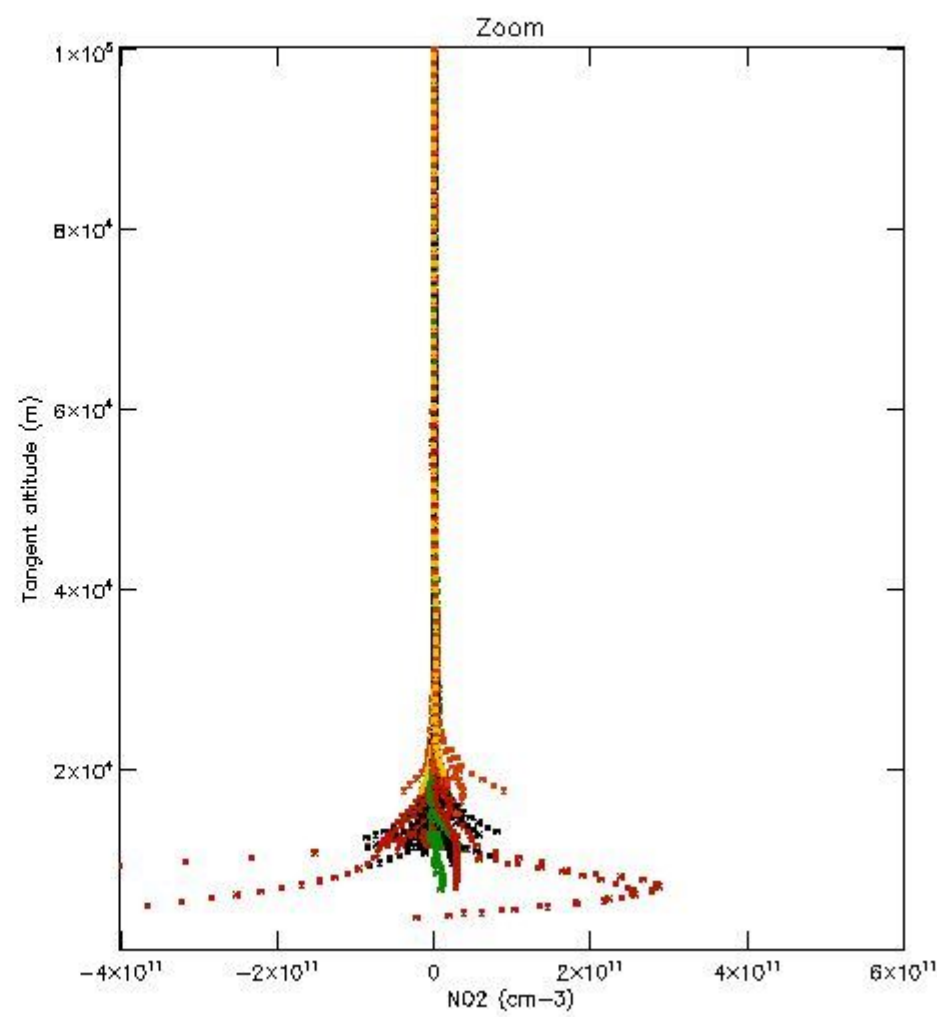
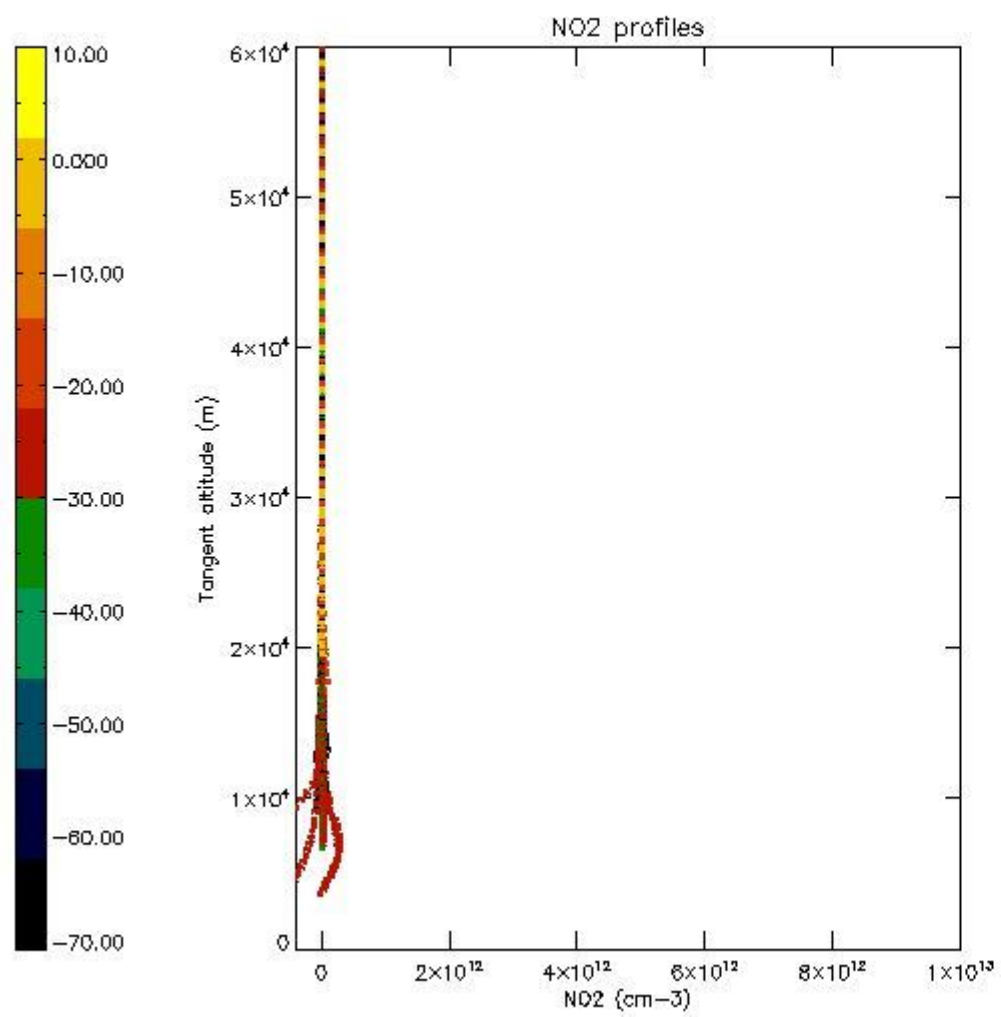
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



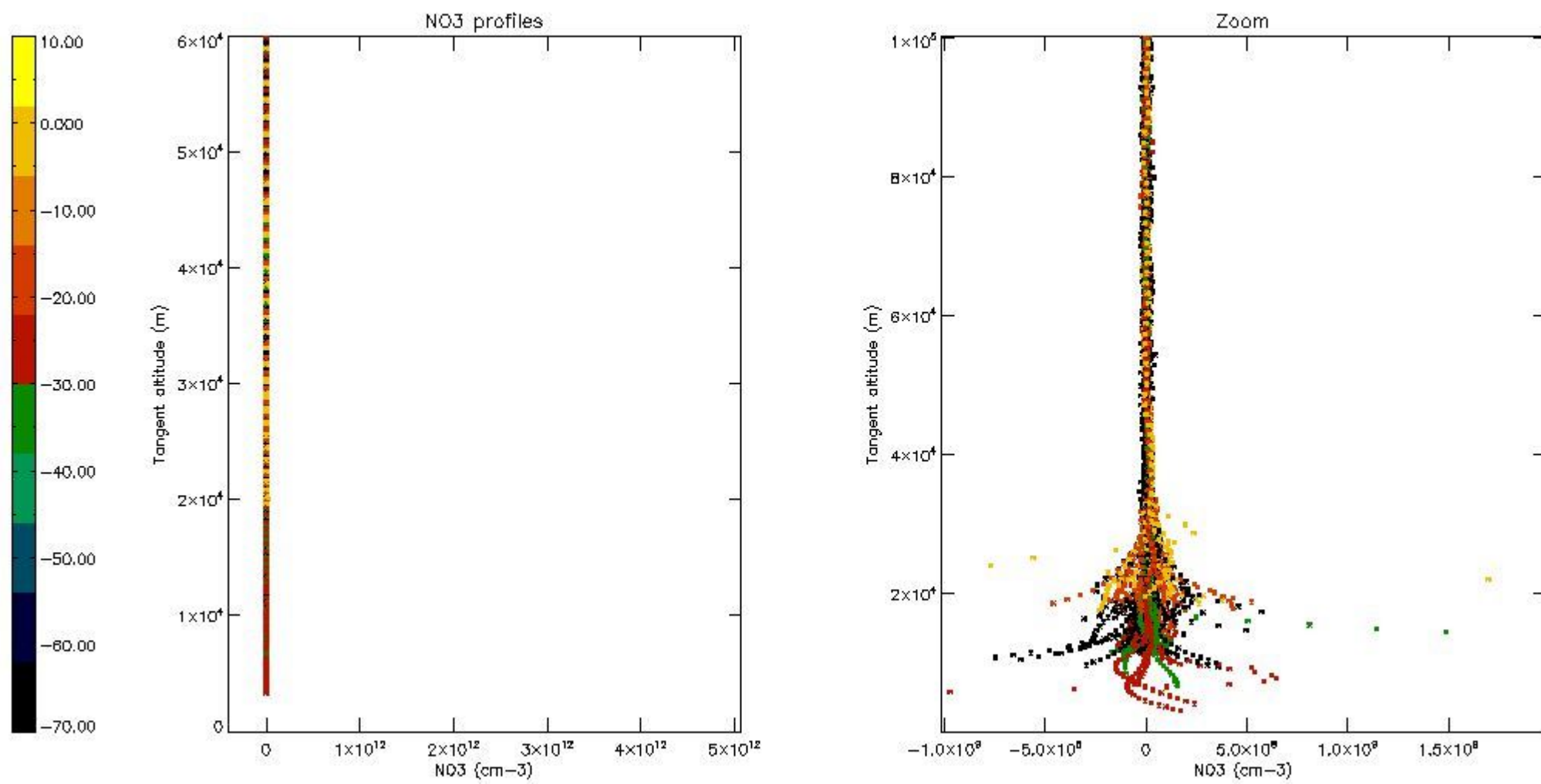
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



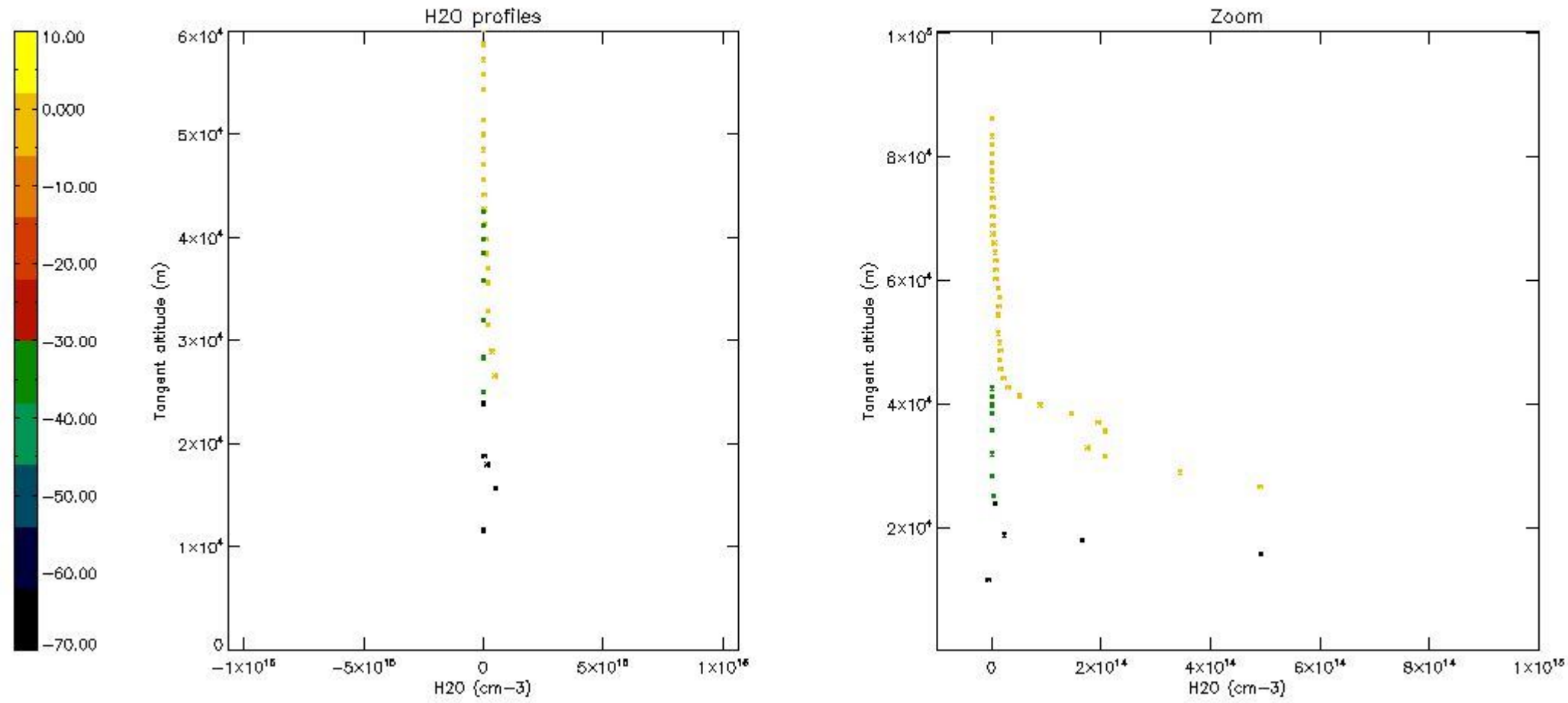
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

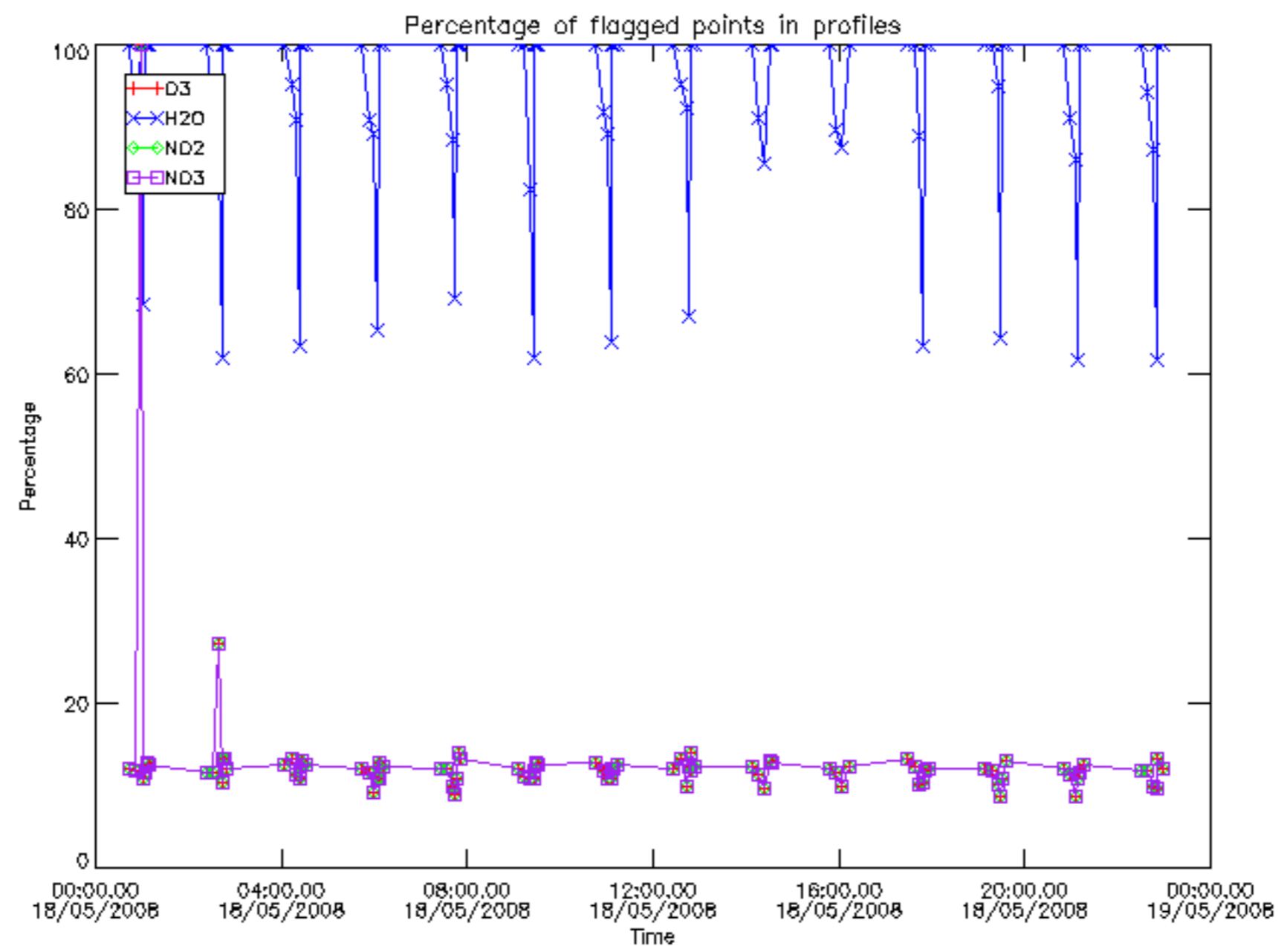
The colorbar represents the latitude.



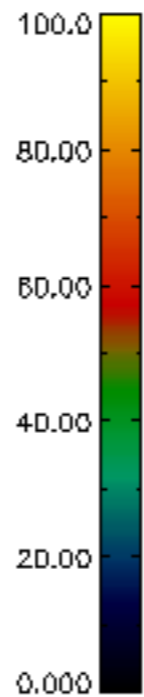
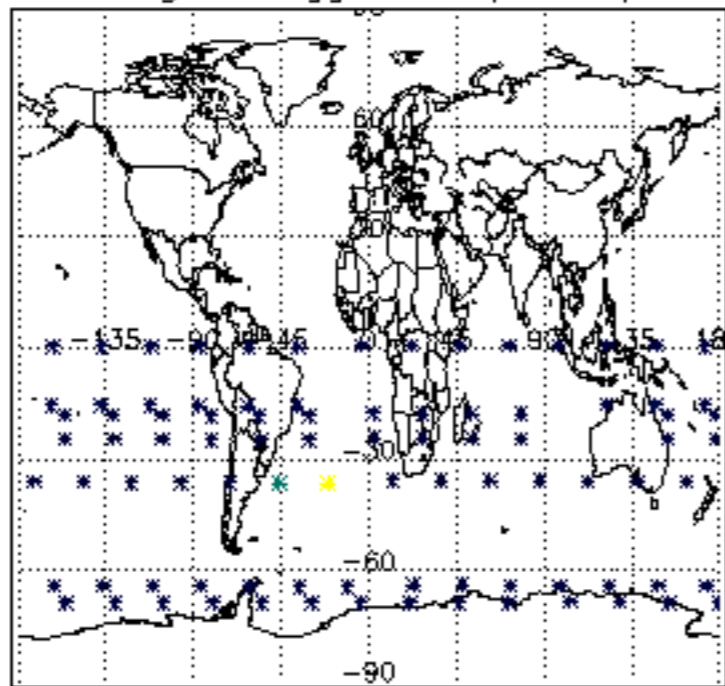
6. Auxiliary Data Files used for the production reported in section 2

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.

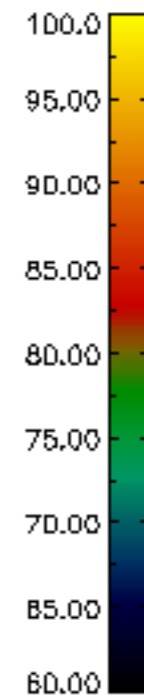
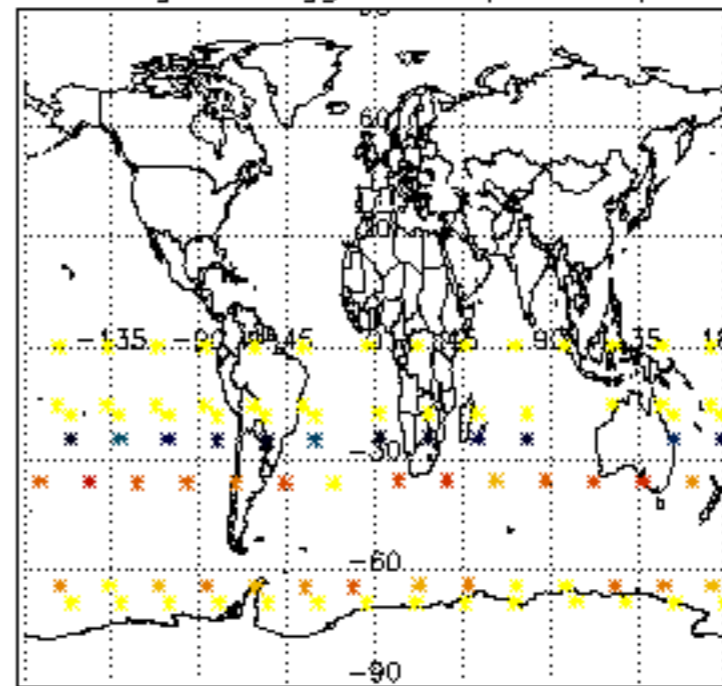
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-MAY-2008 00:00:06
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-MAY-2008 00:00:06
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-MAY-2008 00:00:06



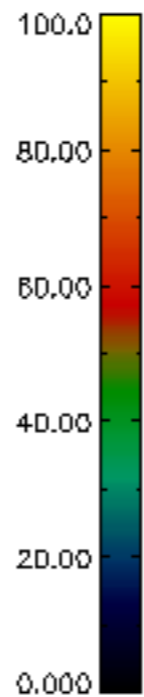
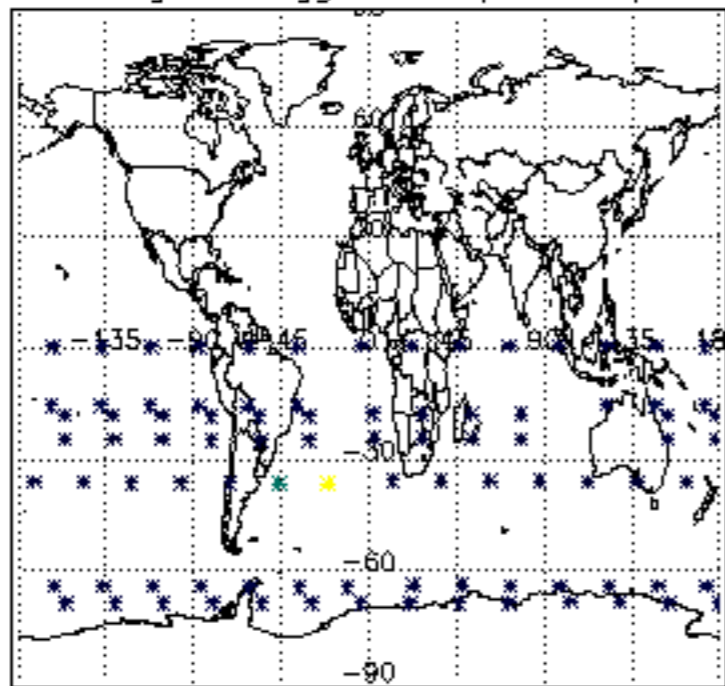
Percentage of flagged data per D3 profile



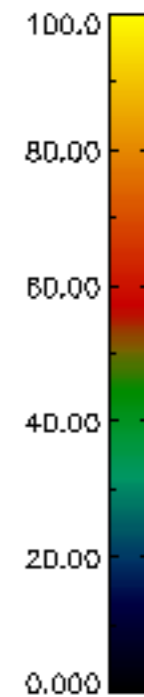
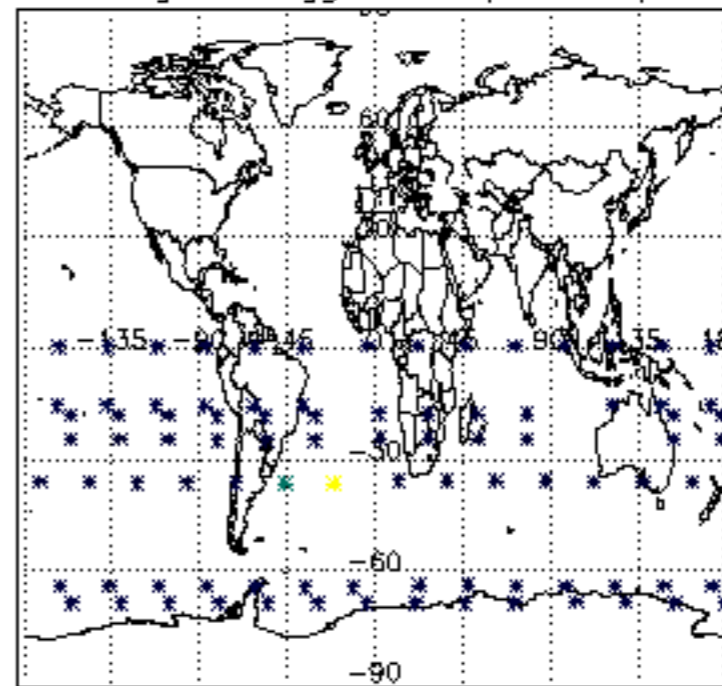
Percentage of flagged data per H2O profile

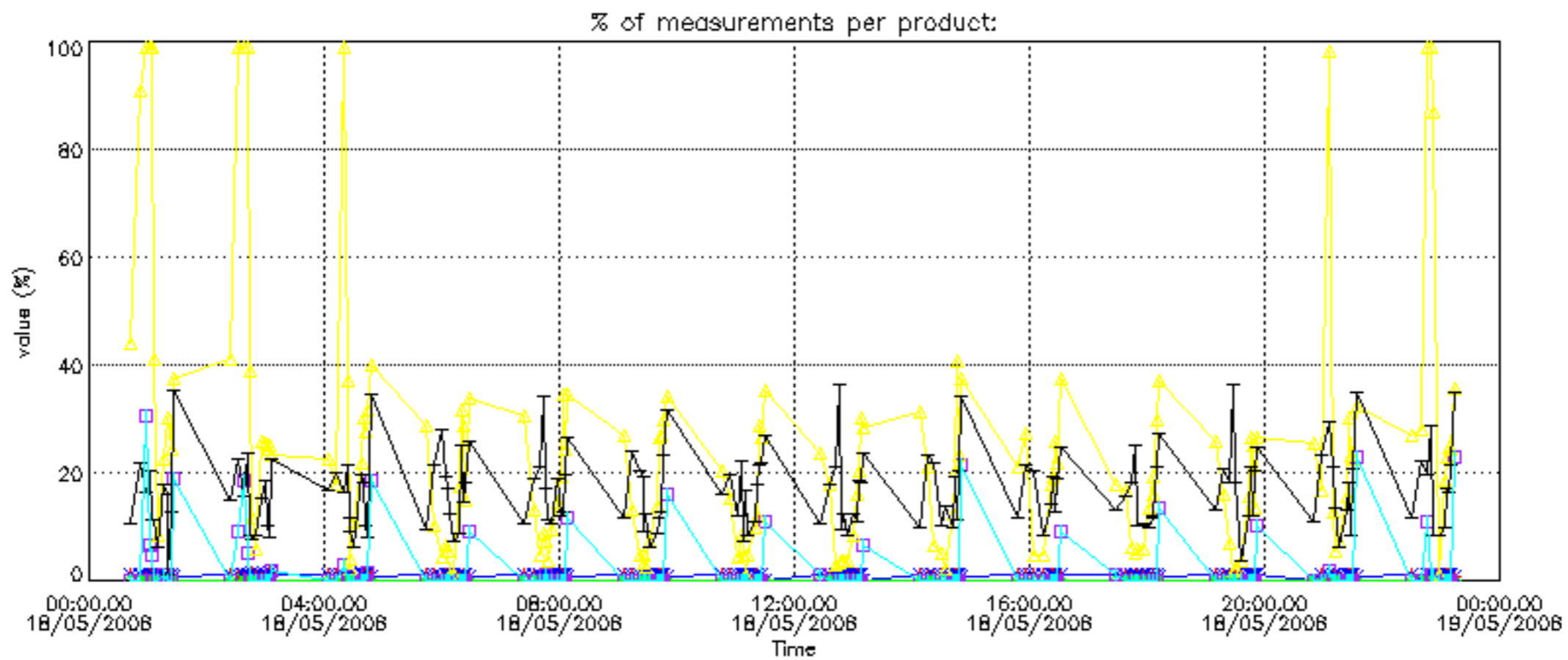


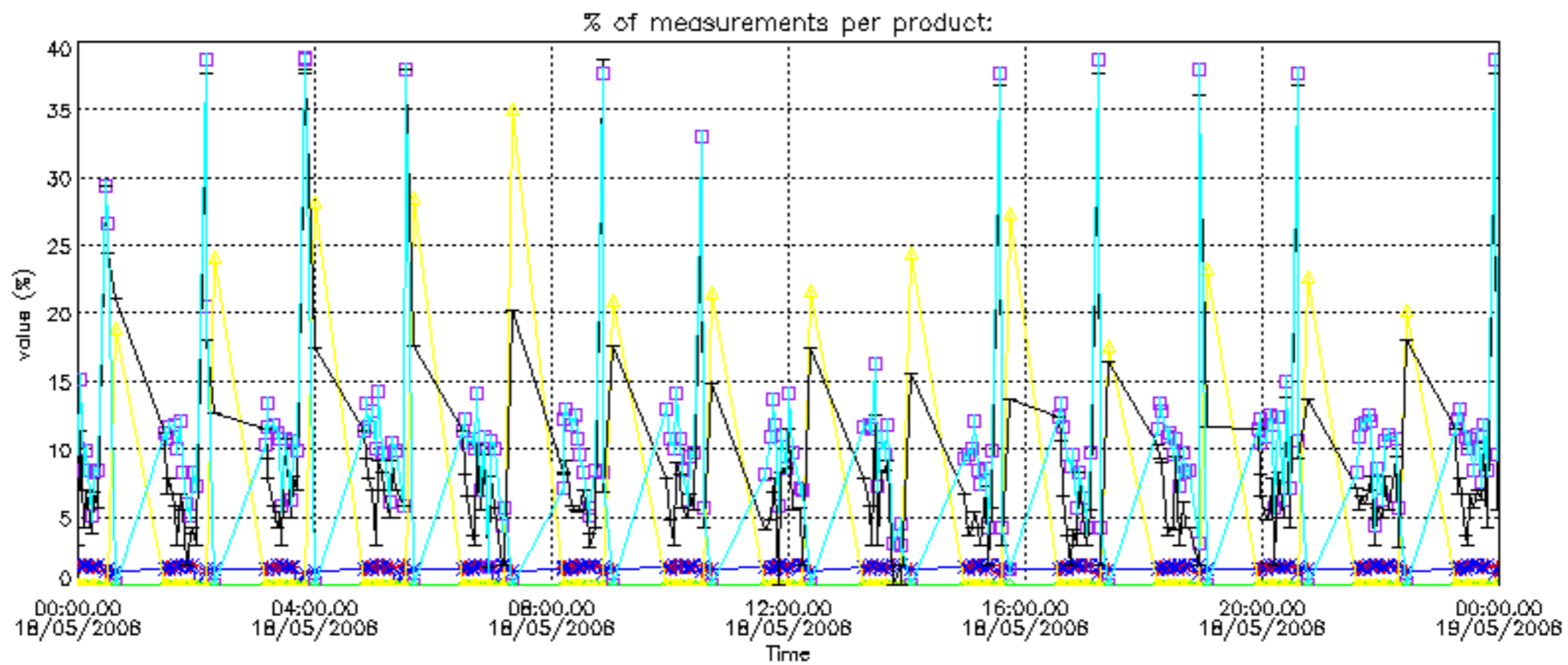
Percentage of flagged data per NO2 profile



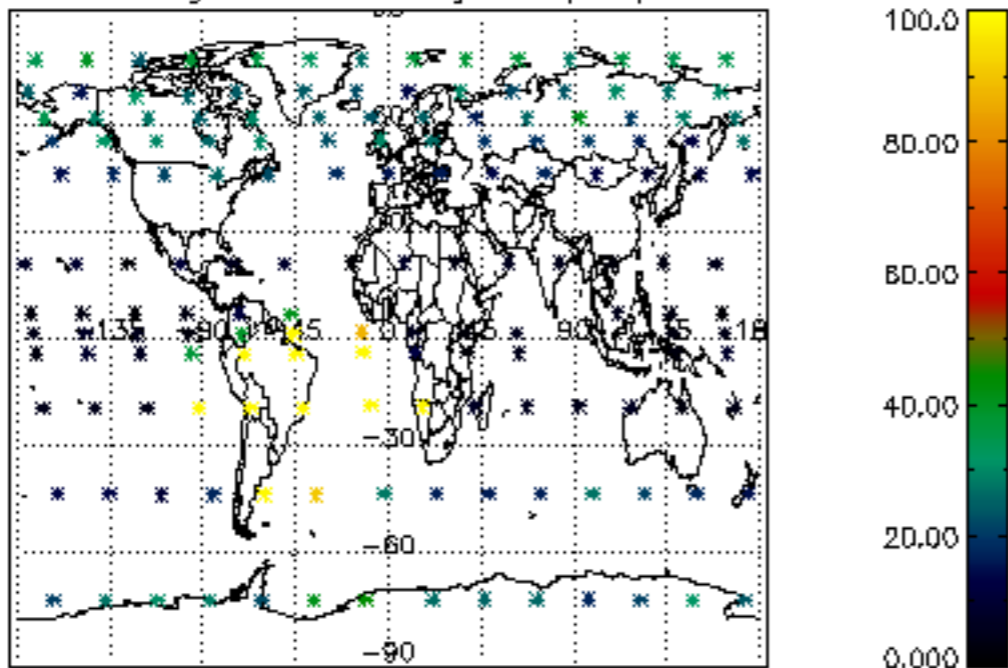
Percentage of flagged data per NO3 profile



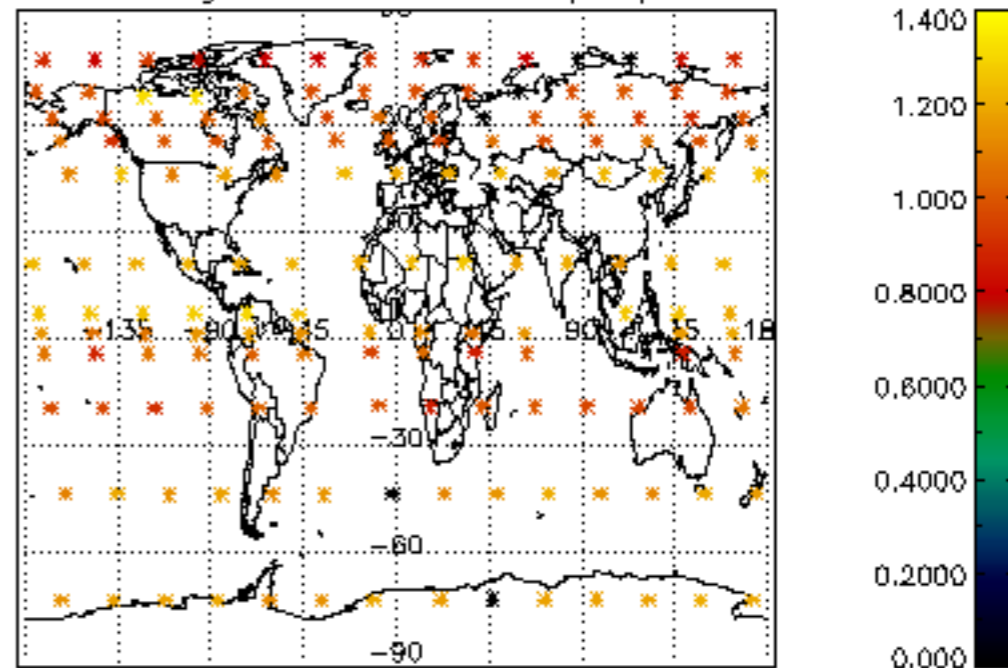




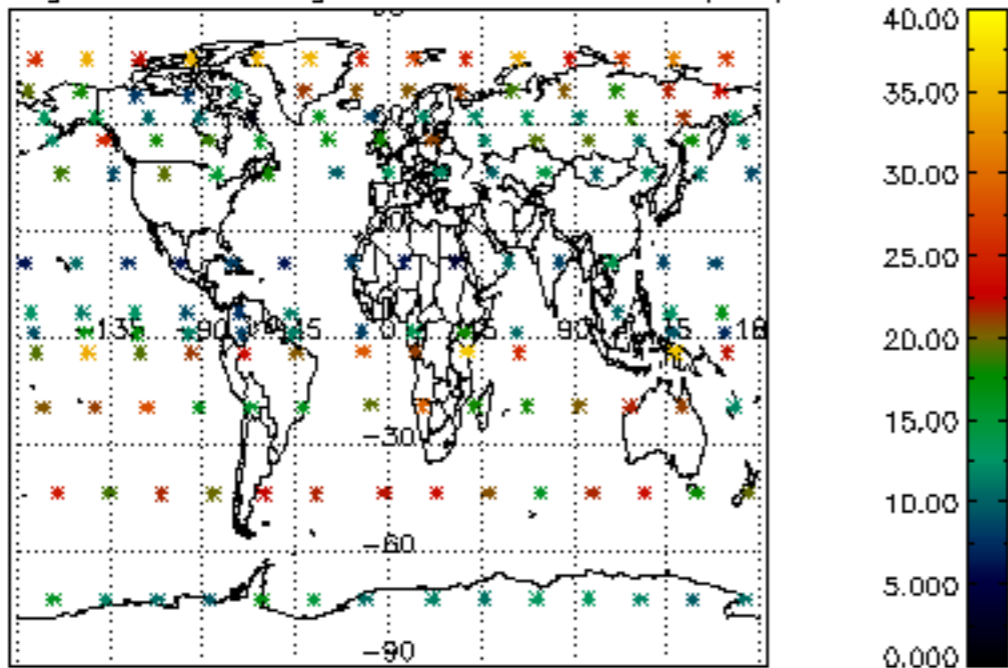
Percentage of cosmic ray hits per profile



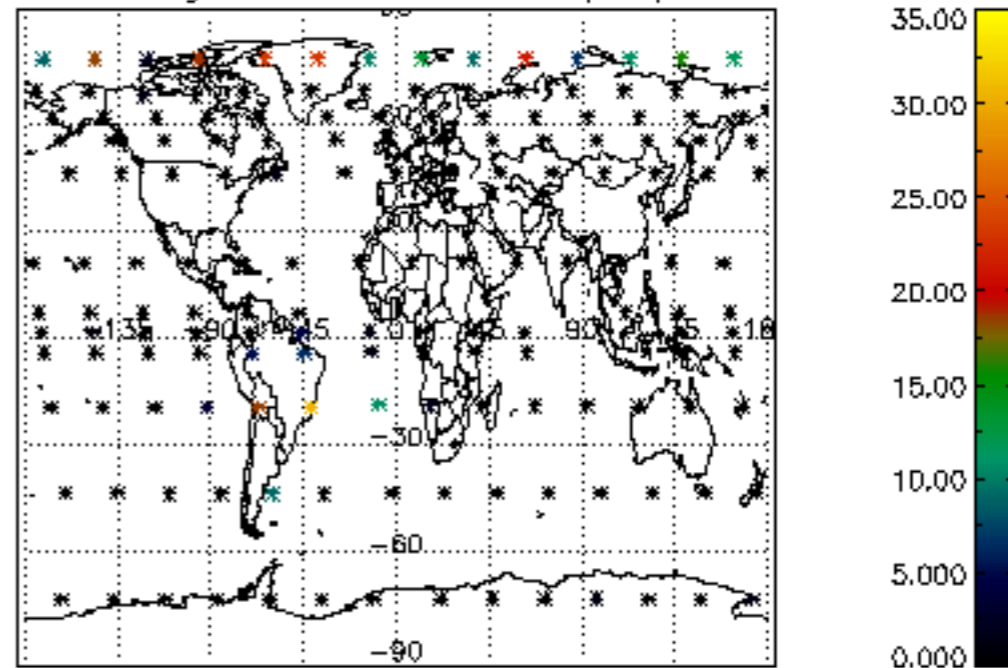
Percentage of datation errors per profile



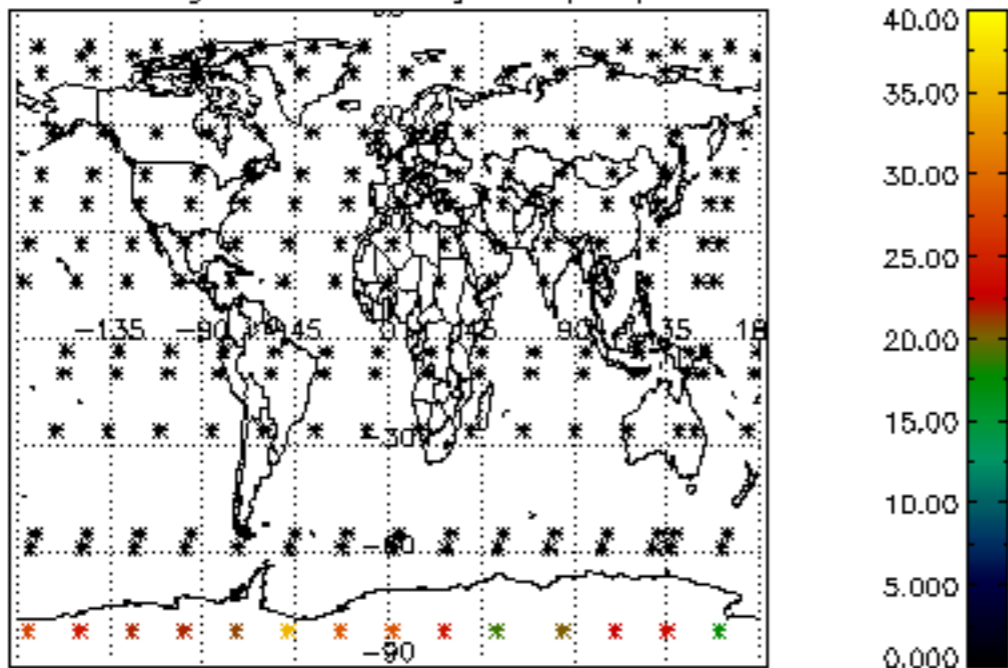
Percentage of star falling outside central band per profile



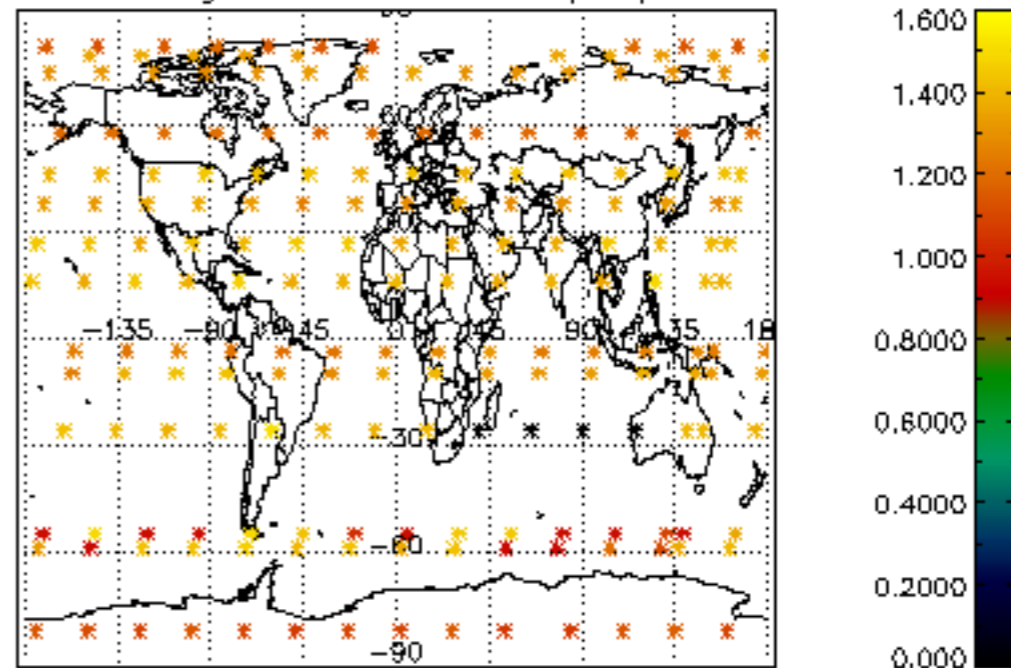
Percentage of saturation errors per profile



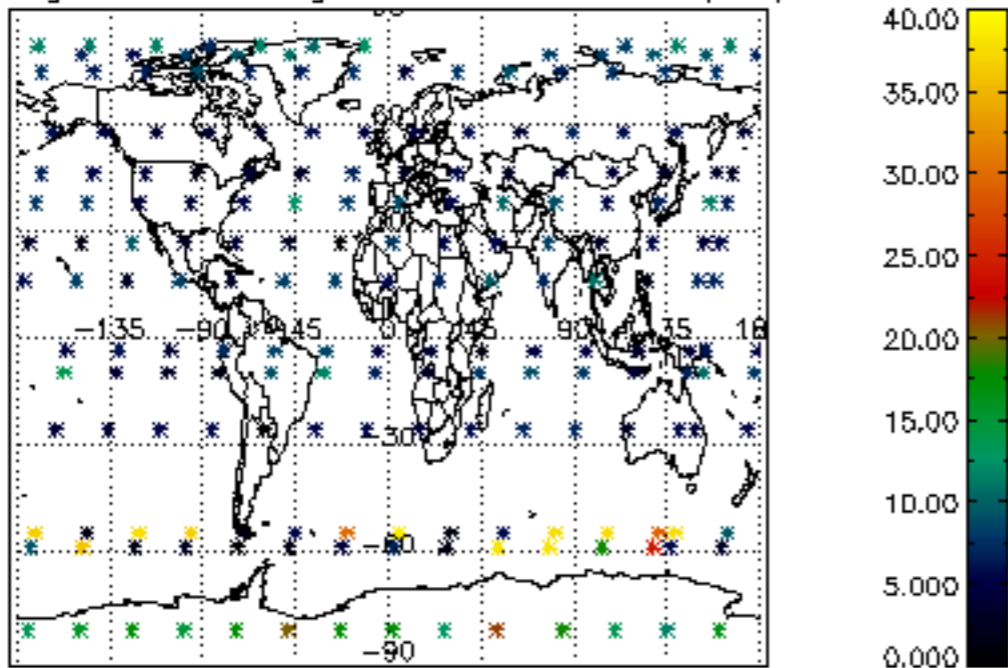
Percentage of cosmic ray hits per profile



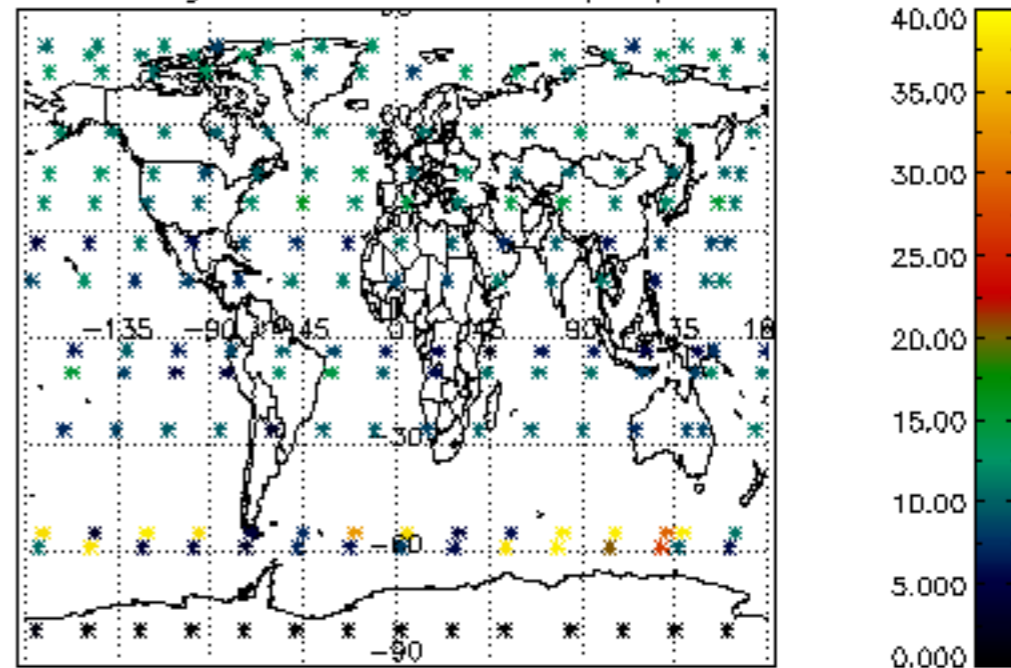
Percentage of datation errors per profile

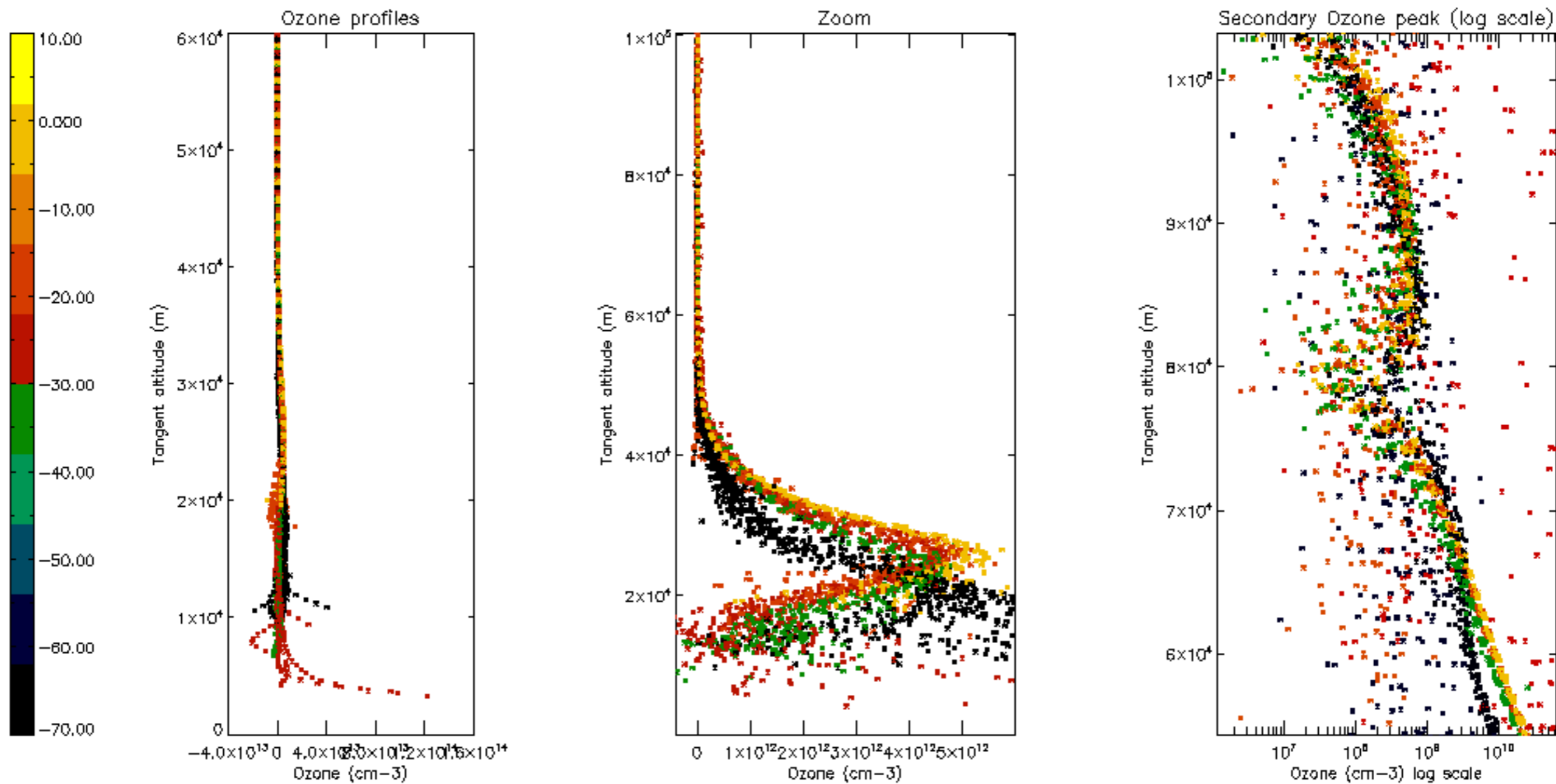


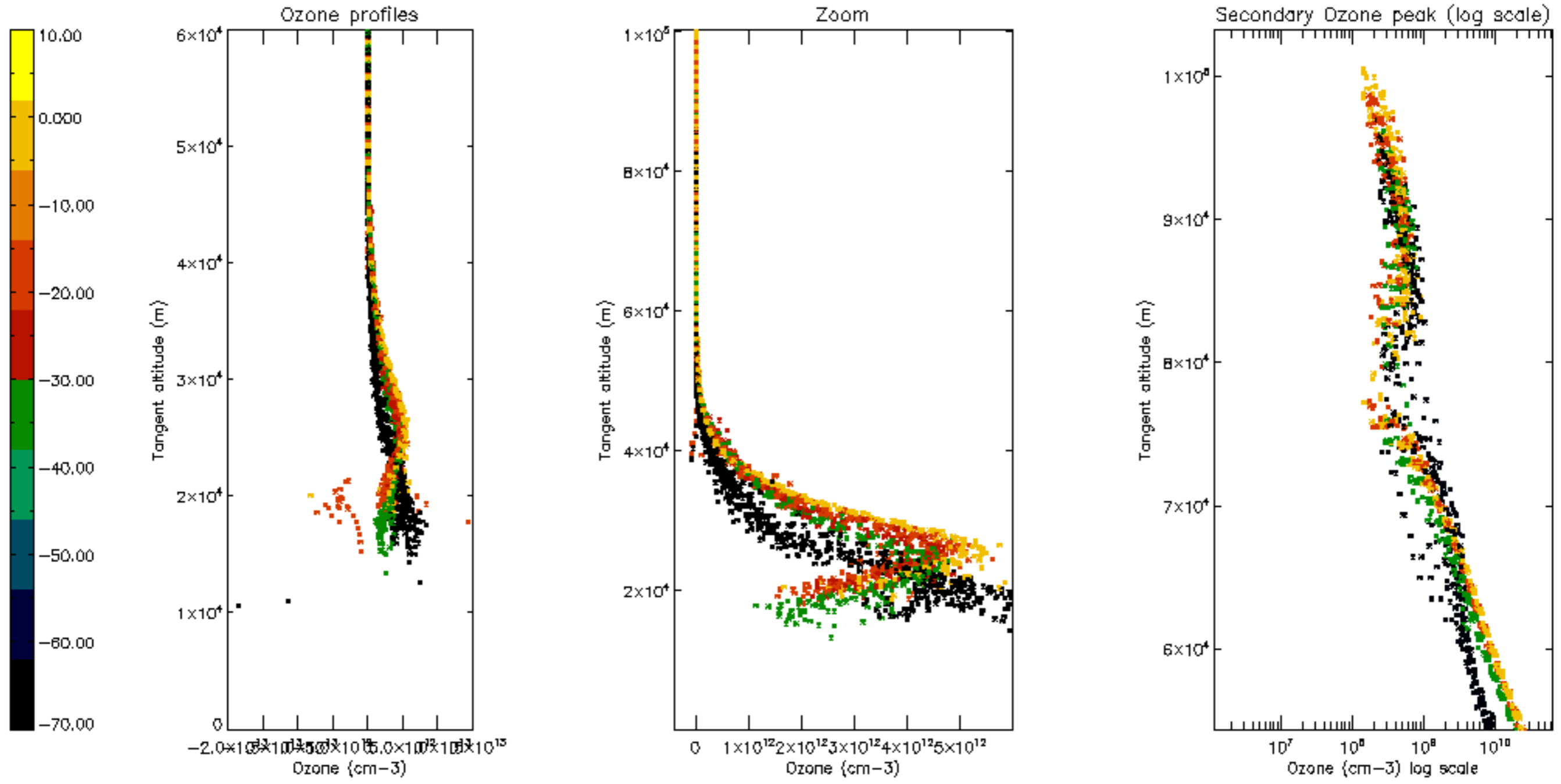
Percentage of star falling outside central band per profile

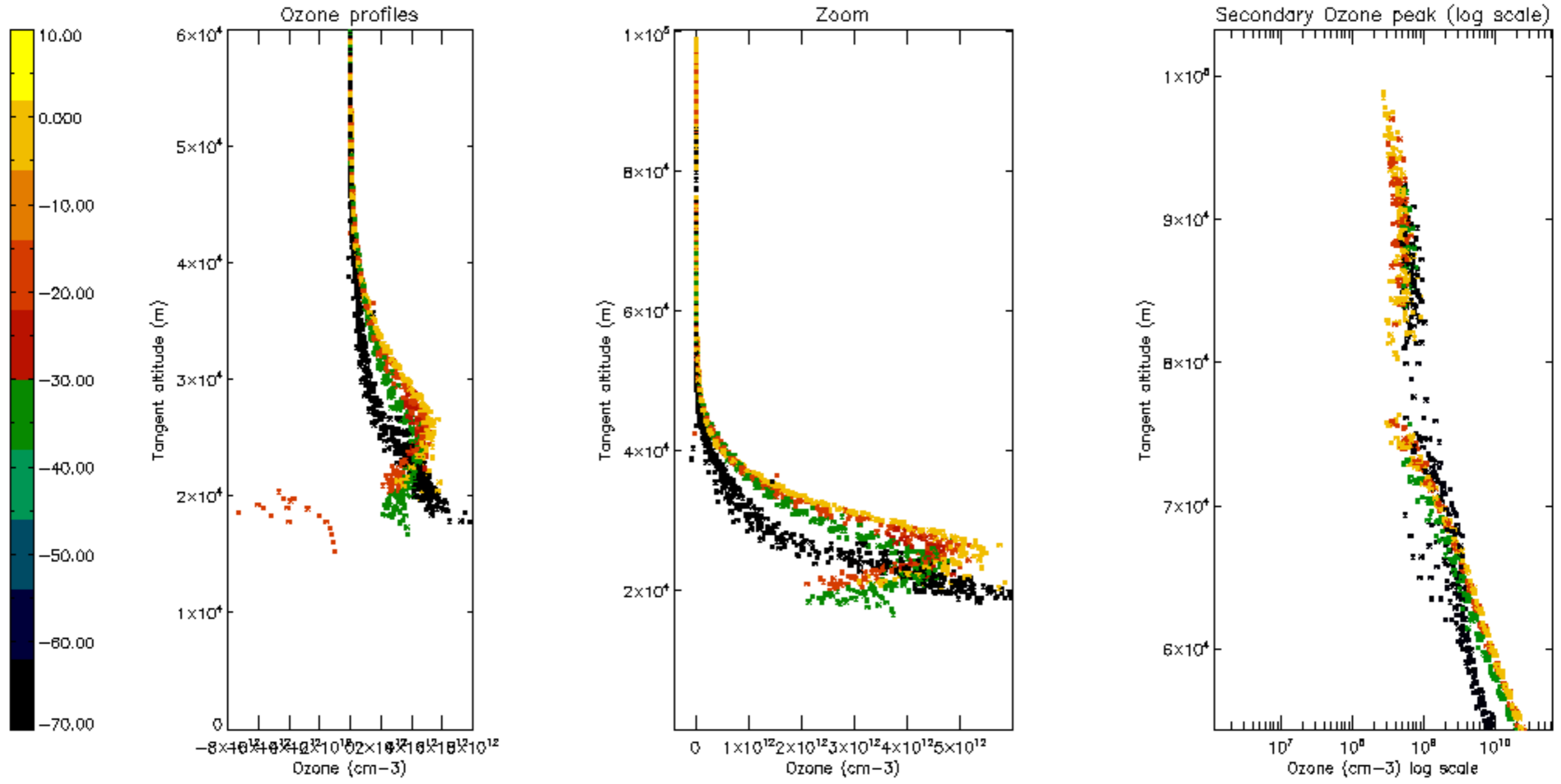


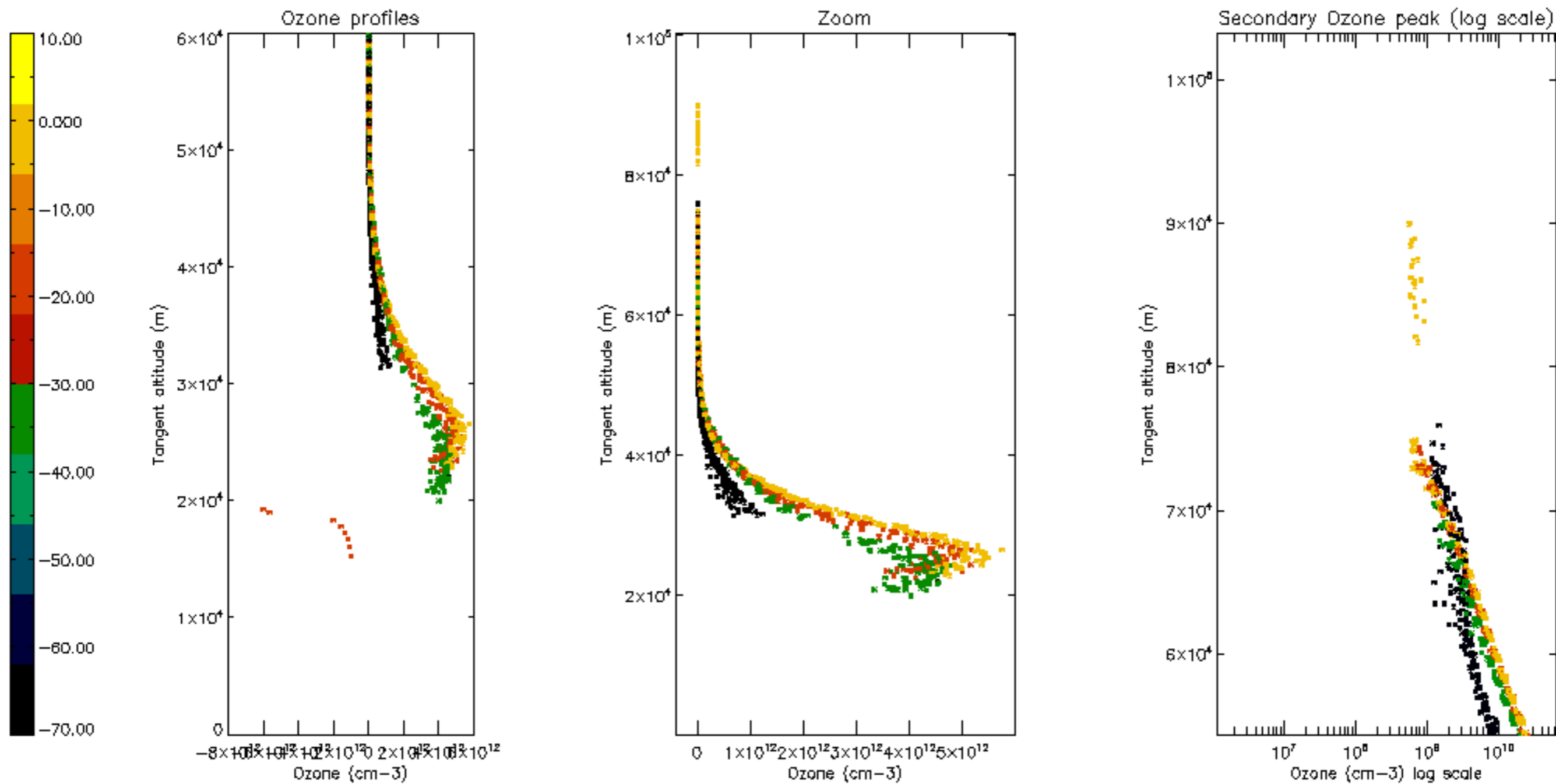
Percentage of saturation errors per profile

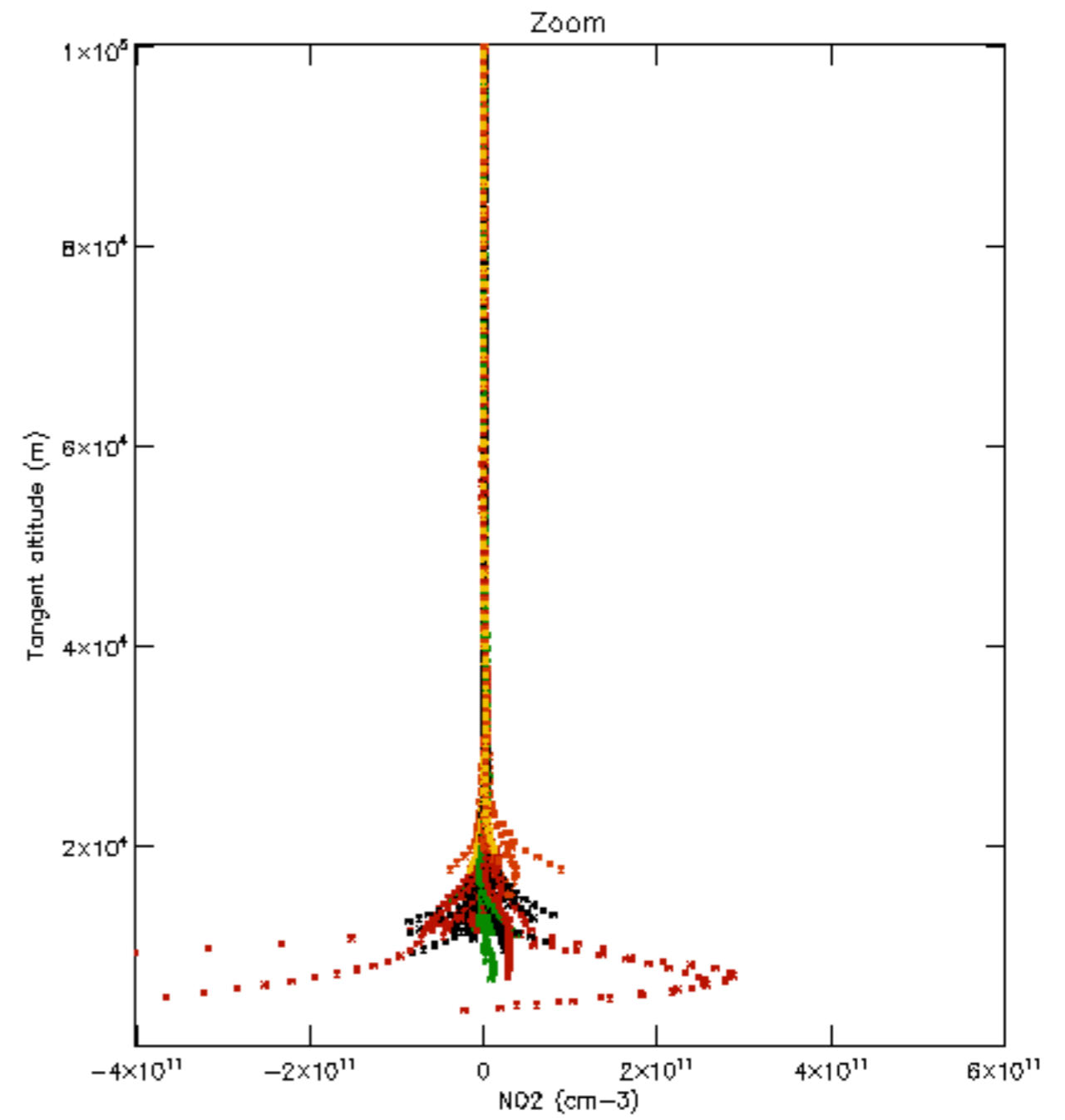
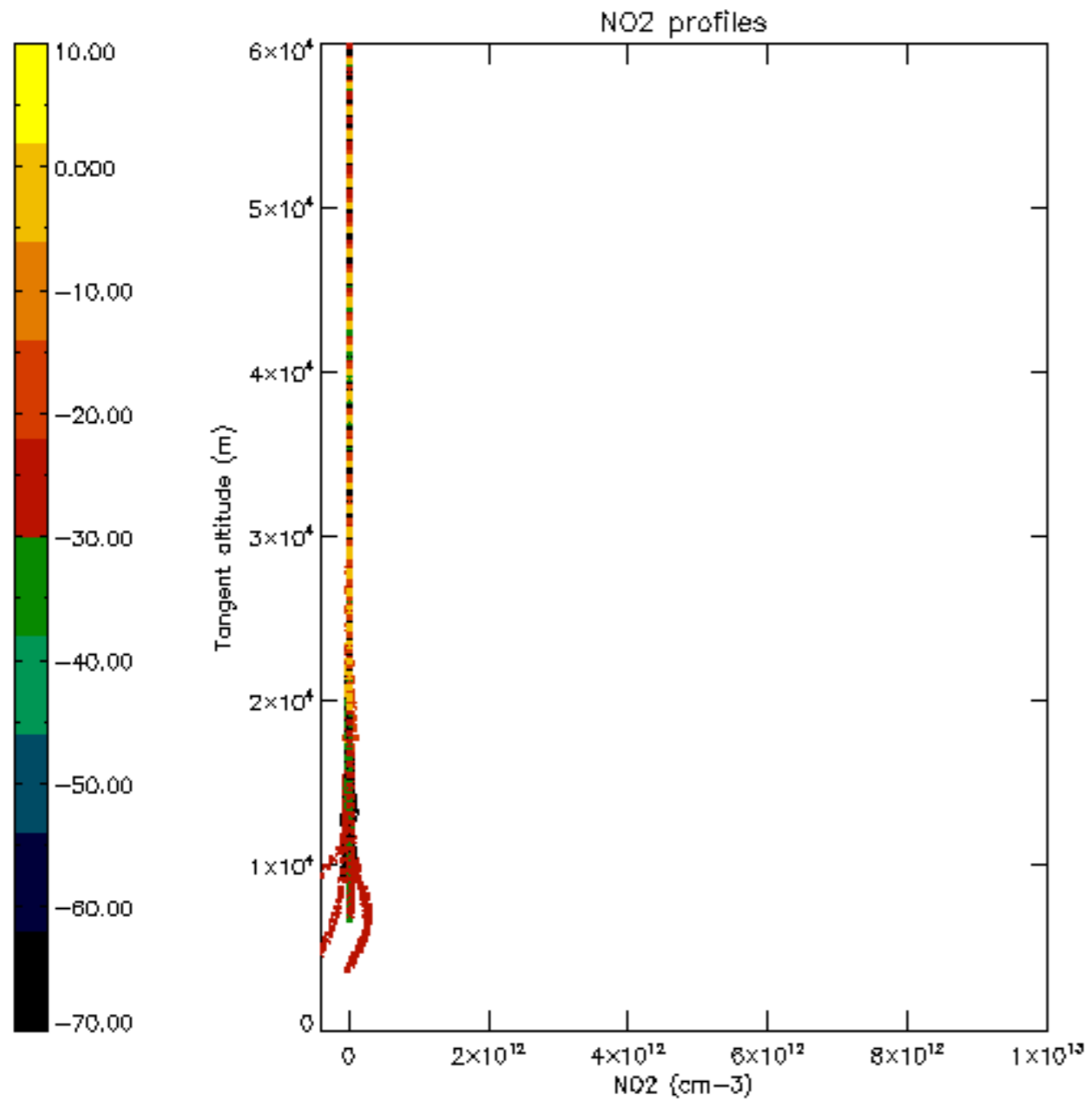


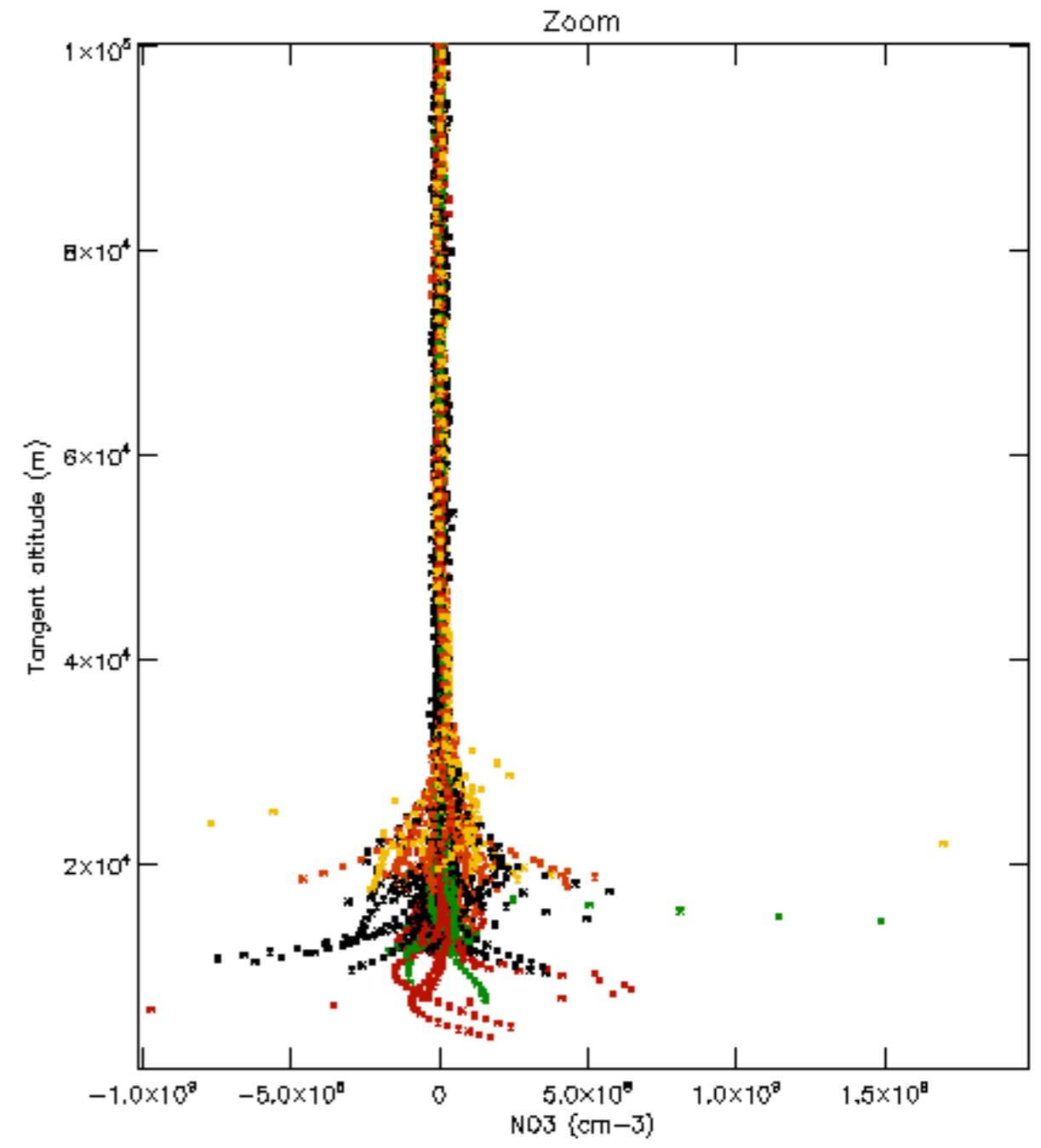
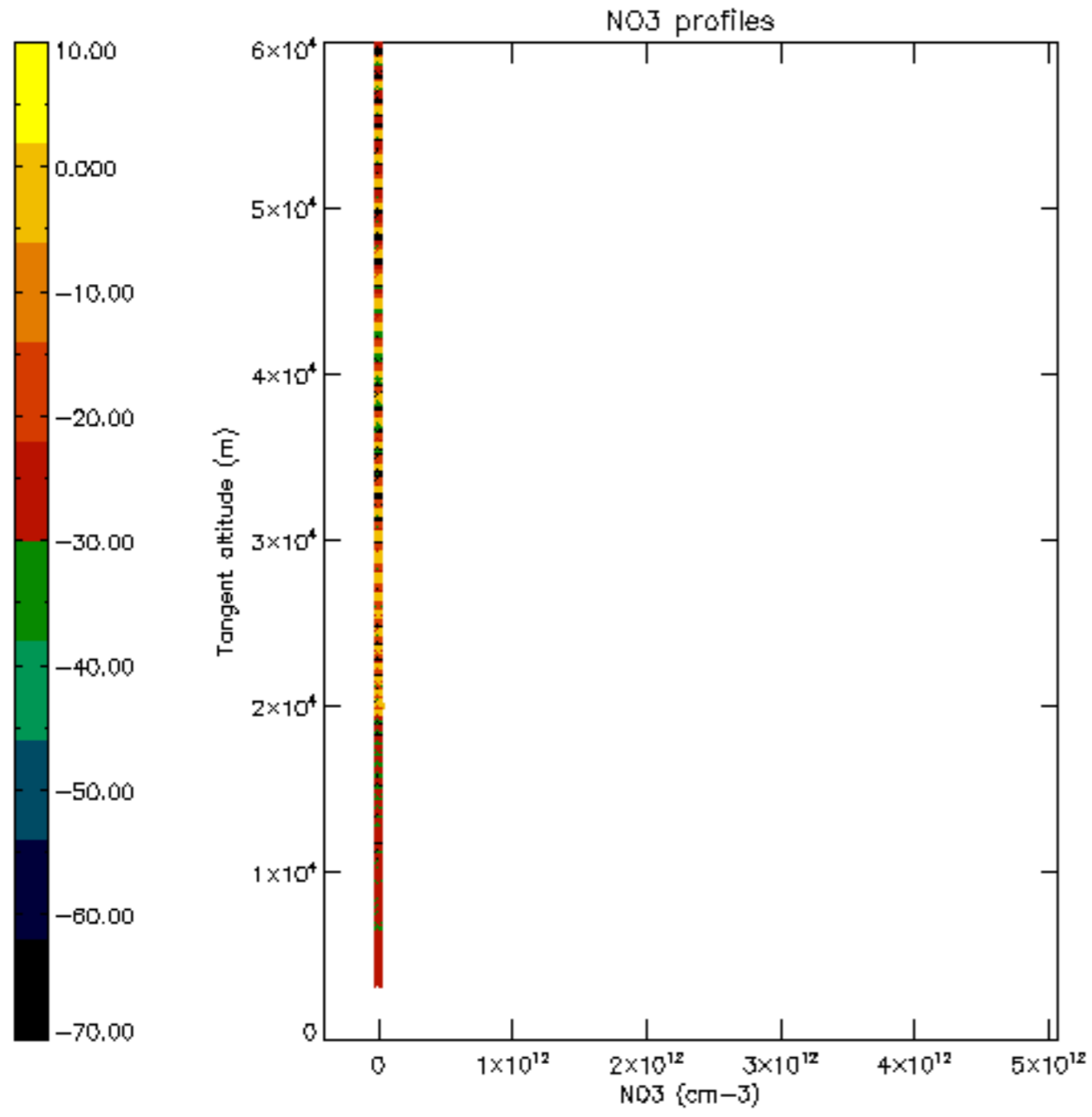


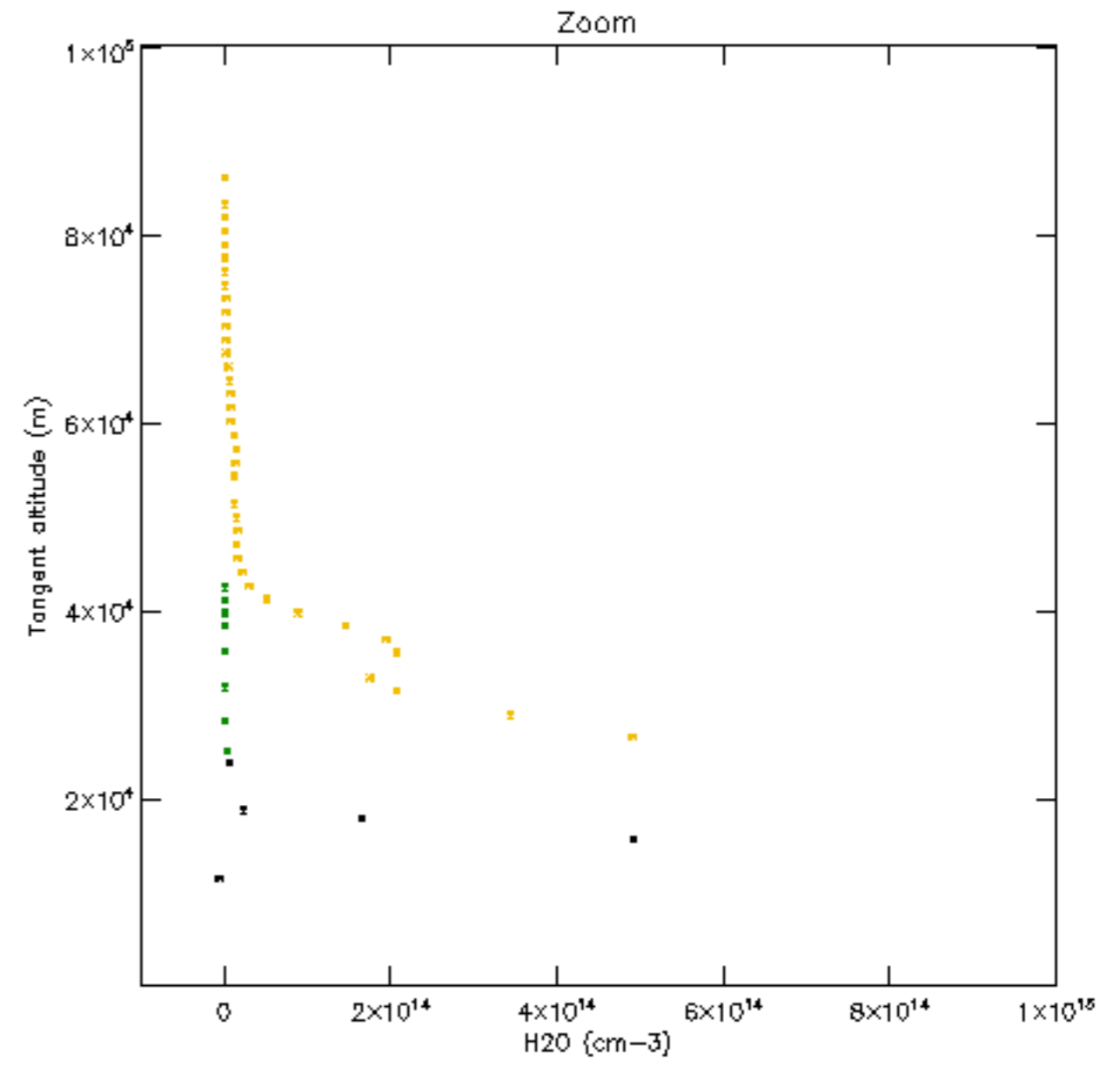
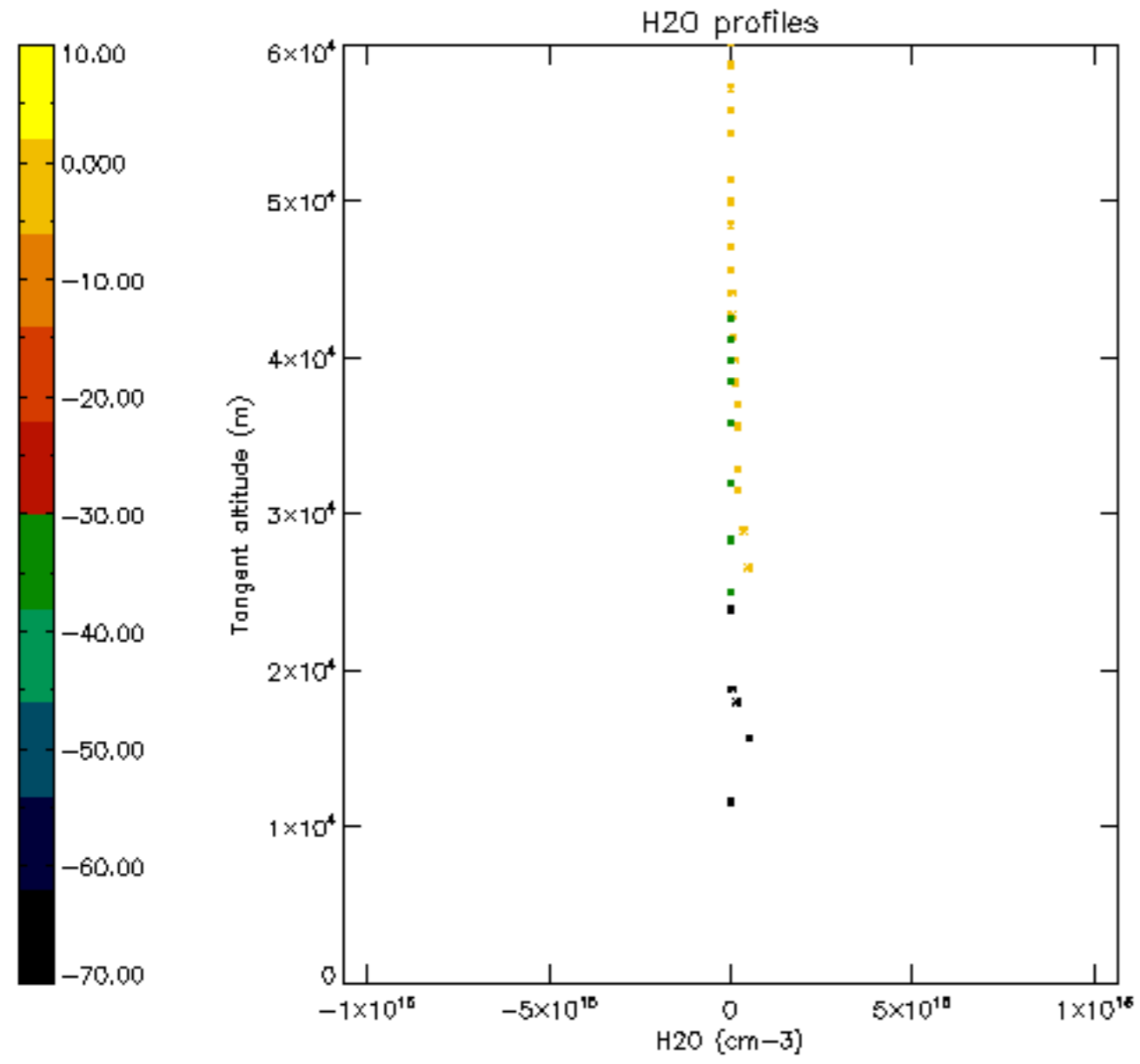


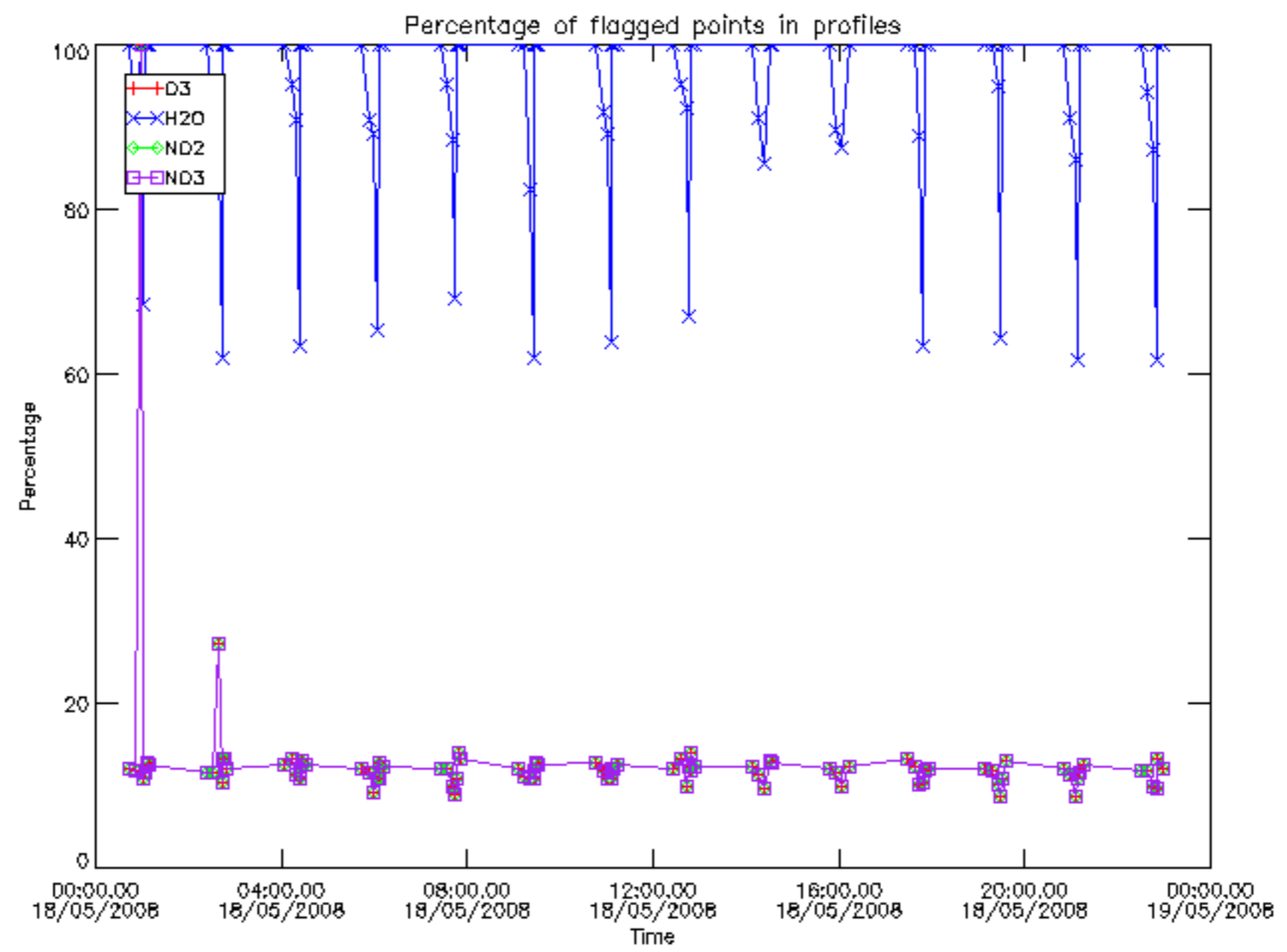




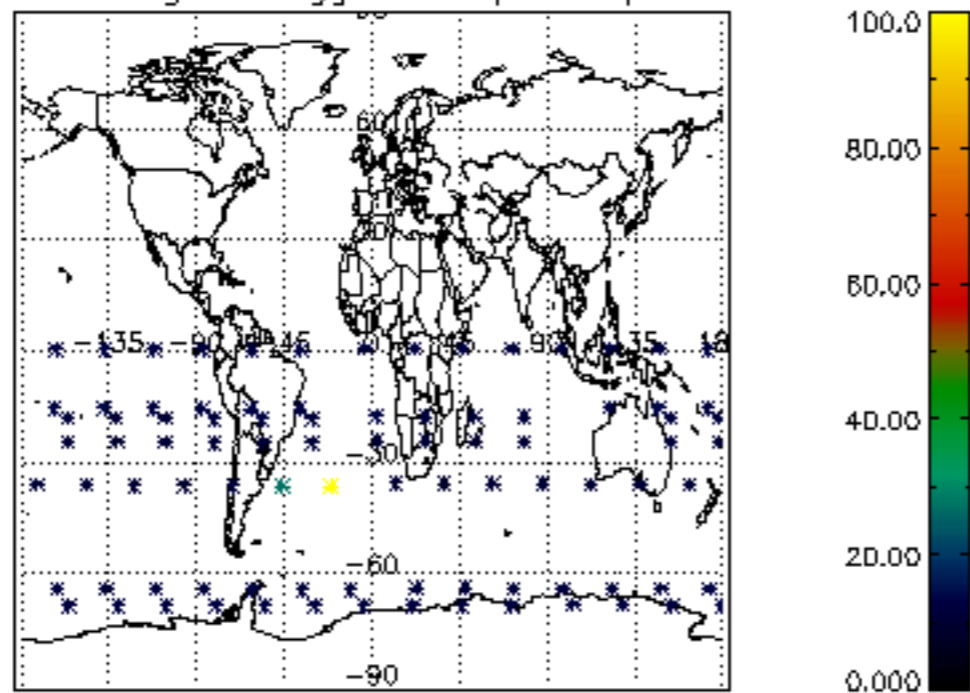




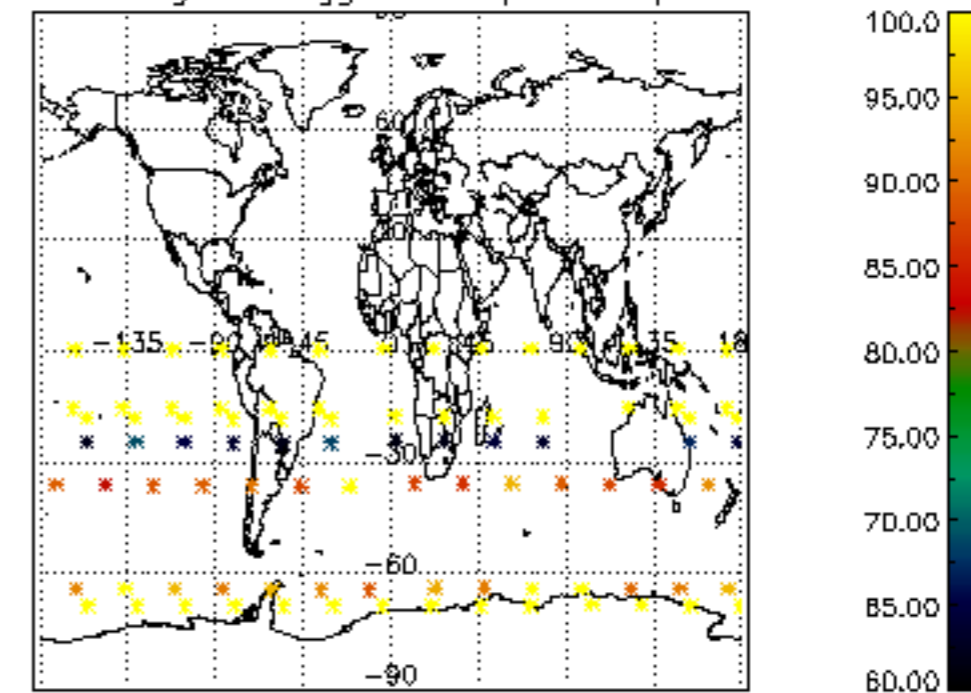




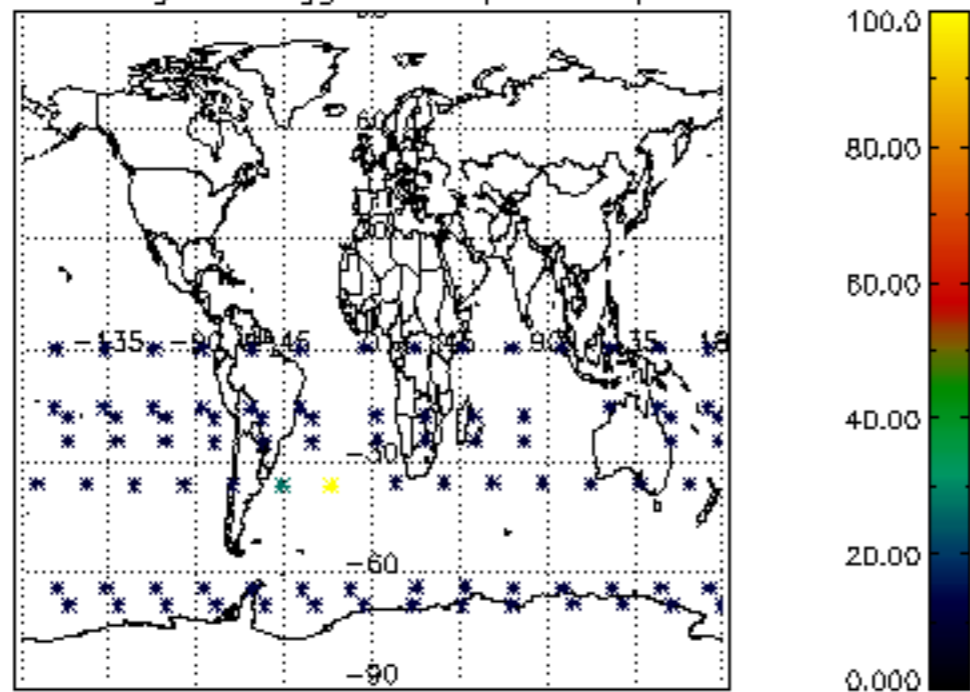
Percentage of flagged data per D3 profile



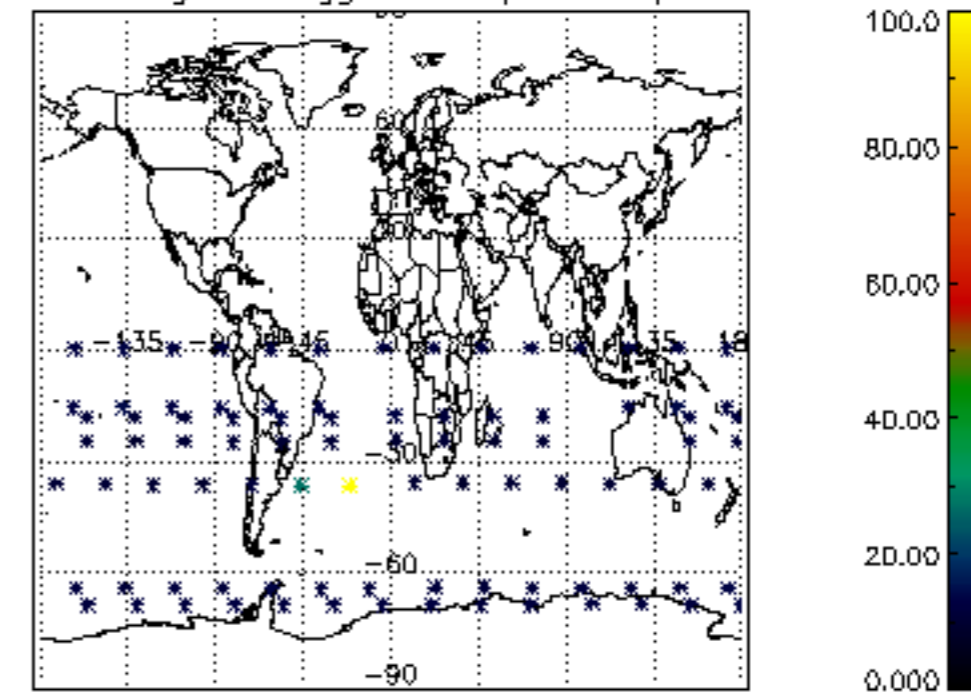
Percentage of flagged data per H2O profile

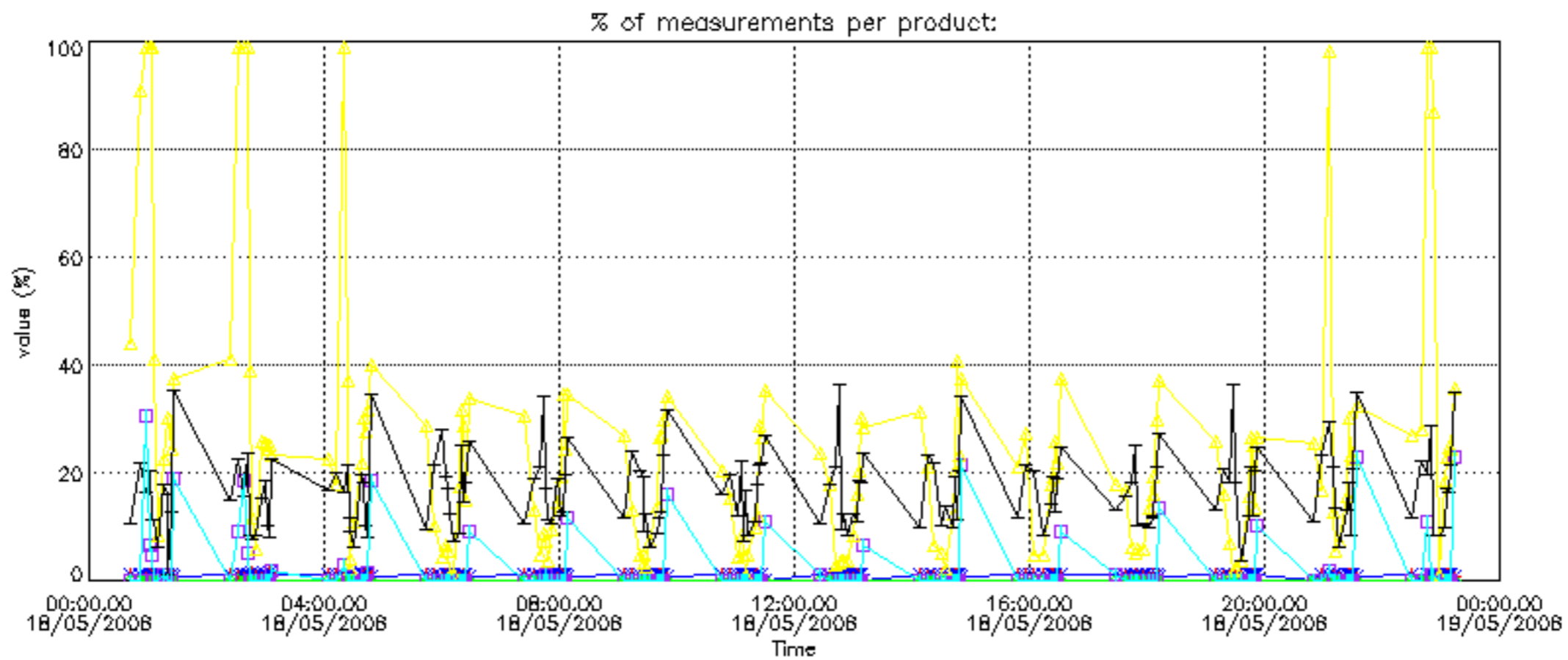


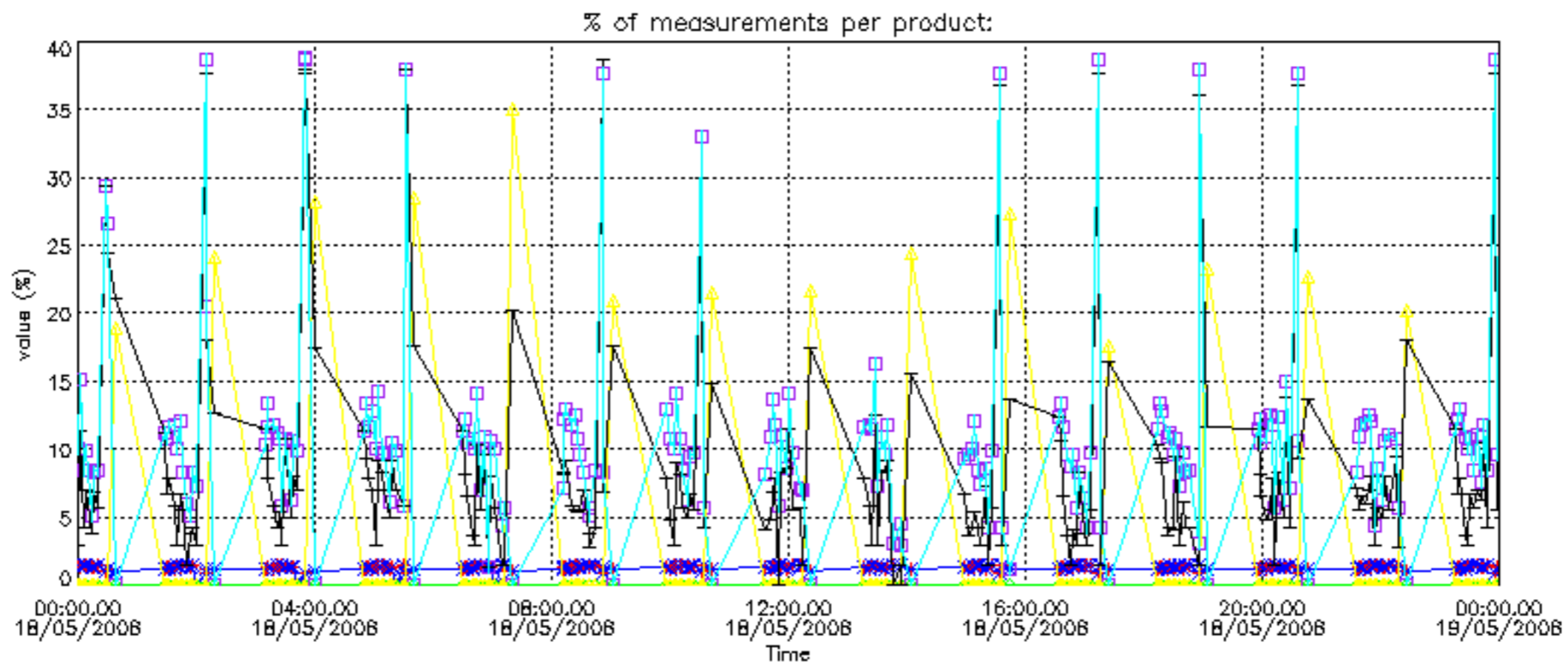
Percentage of flagged data per NO2 profile



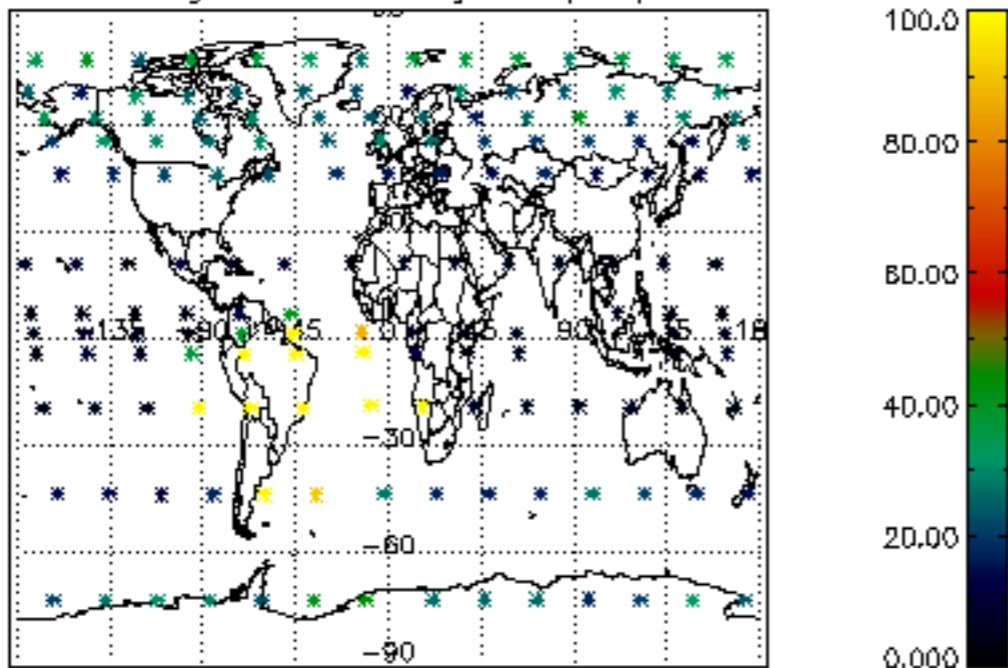
Percentage of flagged data per NO3 profile



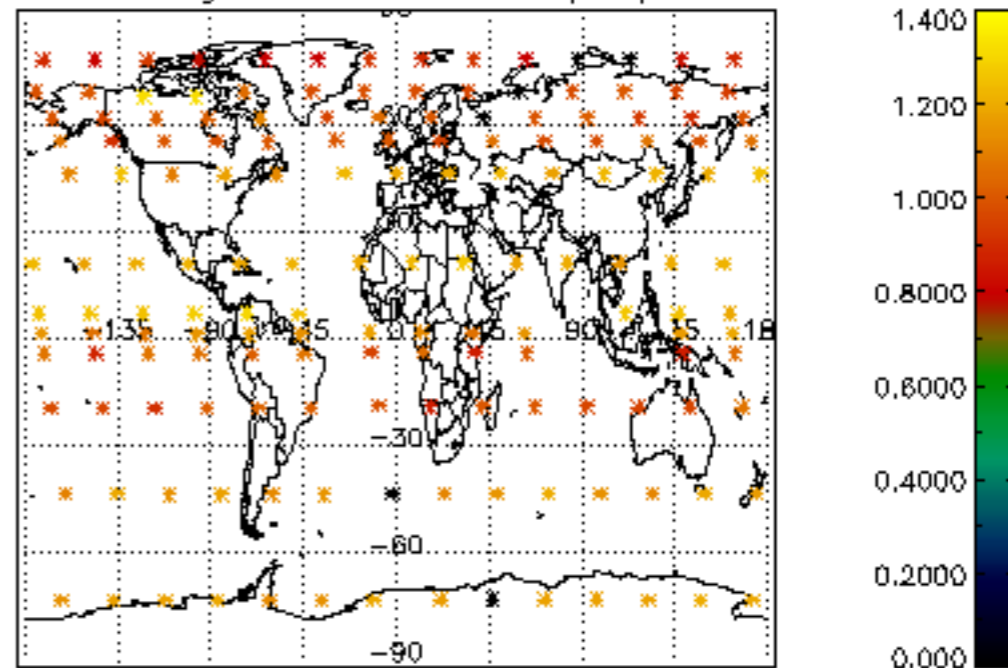




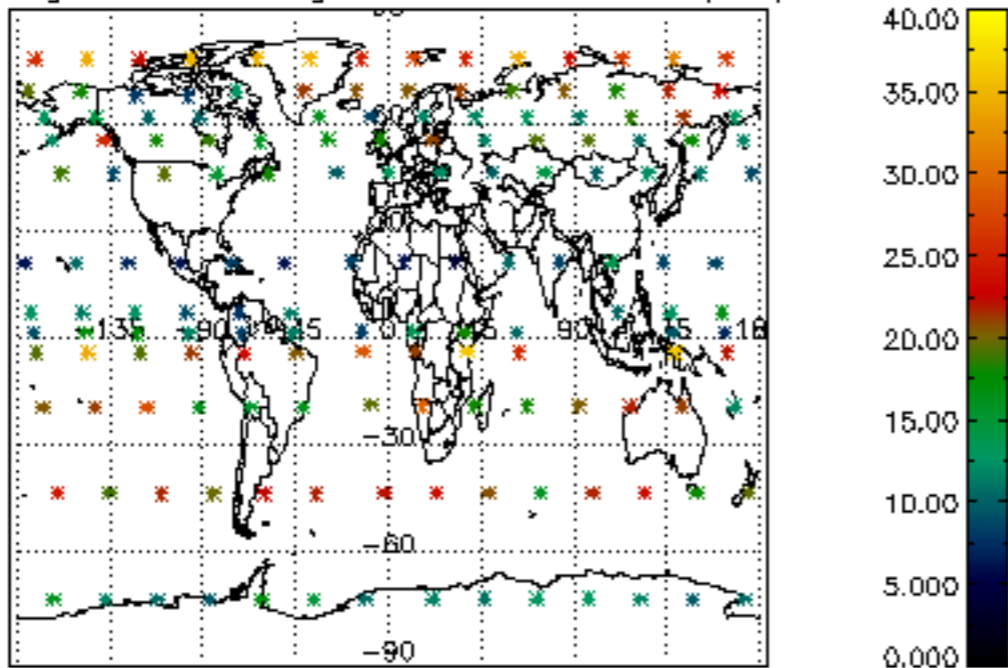
Percentage of cosmic ray hits per profile



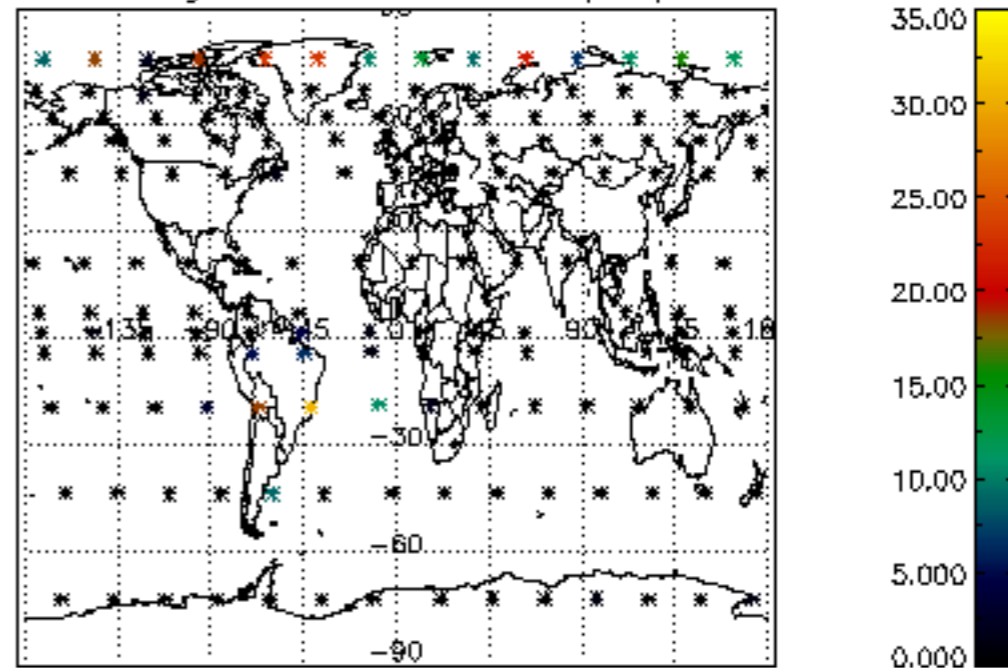
Percentage of datation errors per profile



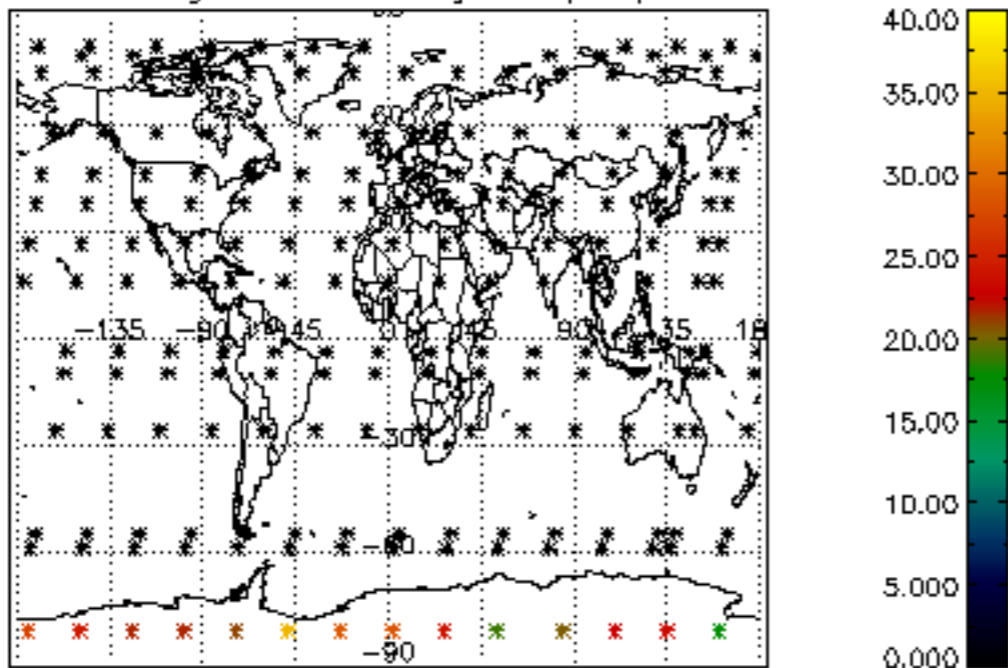
Percentage of star falling outside central band per profile



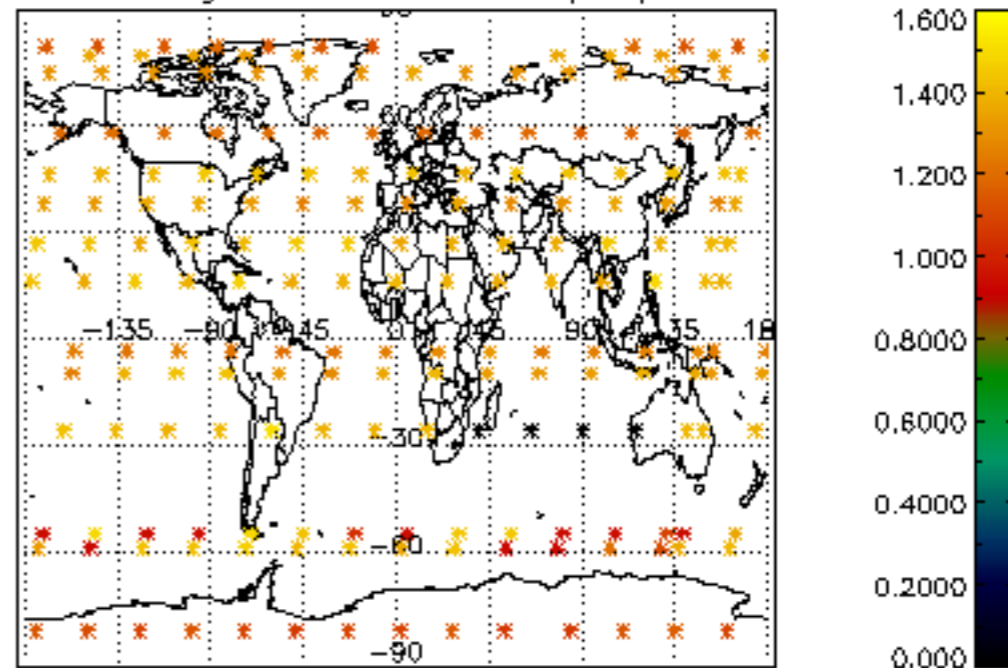
Percentage of saturation errors per profile



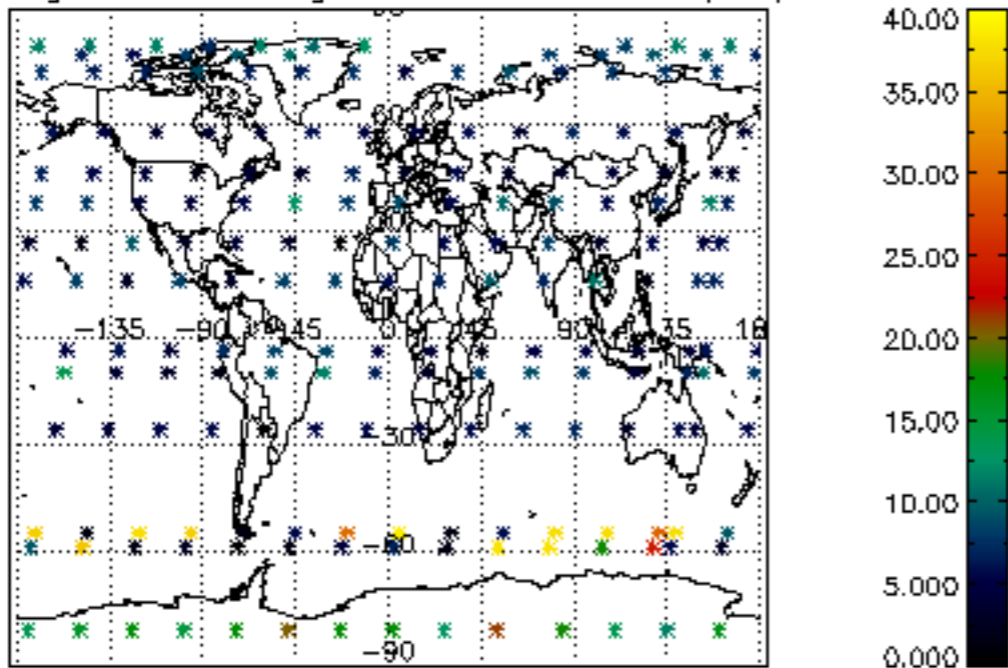
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

