

# GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	29APR2013 16:26:04
Data source version	GOMOS/6.01
Start time of products	02-12-2010 (02DEC2010 00:00:00)
Stop time of products	03-12-2010 (03DEC2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	326
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__2PRFIN20101202_000541_00000543097_00074_45778_8860.N1	02-DEC-2010 00:05:41	Dark	54.000	34	Gam2Vel	1.7930	23000.	108	45778	No
2	GOM_NL__2PRFIN20101202_000858_00000463097_00074_45778_8861.N1	02-DEC-2010 00:08:58	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	45778	No
3	GOM_NL__2PRFIN20101202_001053_00000613097_00074_45778_8862.N1	02-DEC-2010 00:10:53	Dark	61.000	117	Pi Pup	2.7060	3800.0	122	45778	No
4	GOM_NL__2PRFIN20101202_001521_00000483097_00074_45778_8863.N1	02-DEC-2010 00:15:21	Dark	48.000	108	Alp Col	2.6520	15200.	96	45778	No
5	GOM_NL__2PRFIN20101202_002059_00000533097_00074_45778_8864.N1	02-DEC-2010 00:20:59	Straylight	53.000	101	11Alp Lep	2.5820	7000.0	106	45778	No
6	GOM_NL__2PRFIN20101202_002432_00000673097_00074_45778_8865.N1	02-DEC-2010 00:24:32	Straylight	66.500	7	19Bet Ori	0.10000	14000.	133	45778	No
7	GOM_NL__2PRFIN20101202_002744_00000393097_00074_45778_8866.N1	02-DEC-2010 00:27:44	Twilight	39.000	72	34Del Ori	2.2500	30000.	78	45778	No
8	GOM_NL__2PRFIN20101202_003008_00000533097_00074_45778_8867.N1	02-DEC-2010 00:30:08	Twilight	53.000	27	24Gam Ori	1.6360	26000.	106	45778	No
9	GOM_NL__2PRFIN20101202_003227_00000593097_00074_45778_8868.N1	02-DEC-2010 00:32:27	Bright	58.500	13	87Alp Tau	0.86700	3800.0	117	45778	No
10	GOM_NL__2PRFIN20101202_003406_00000403097_00074_45778_8869.N1	02-DEC-2010 00:34:06	Bright	39.500	146	25Eta Tau	2.8730	15200.	79	45778	No
11	GOM_NL__2PRFIN20101202_003627_00000383097_00074_45778_8870.N1	02-DEC-2010 00:36:27	Bright	38.000	150	44Zet Per	2.8900	28000.	76	45778	No
12	GOM_NL__2PRFIN20101202_003851_00000373097_00074_45778_8871.N1	02-DEC-2010 00:38:51	Bright	36.500	149	45Eps Per	2.8880	30000.	73	45778	No
13	GOM_NL__2PRFIN20101202_004053_00000373097_00074_45778_8872.N1	02-DEC-2010 00:40:53	Bright	36.500	175	39Del Per	3.0100	19400.	73	45778	No
14	GOM_NL__2PRFIN20101202_004236_00000463097_00074_45778_8873.N1	02-DEC-2010 00:42:36	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	45778	No
15	GOM_NL__2PRFIN20101202_004420_00000513097_00074_45778_8874.N1	02-DEC-2010 00:44:20	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	45778	No
16	GOM_NL__2PRFIN20101202_005849_00000453097_00074_45778_8875.N1	02-DEC-2010 00:58:49	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	45778	No
17	GOM_NL__2PRFIN20101202_010025_00000473097_00074_45778_8876.N1	02-DEC-2010 01:00:25	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	45778	No
18	GOM_NL__2PRFIN20101202_010206_00000423097_00074_45778_8877.N1	02-DEC-2010 01:02:06	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	45778	No
19	GOM_NL__2PRFIN20101202_010454_00000293097_00074_45778_8878.N1	02-DEC-2010 01:04:54	Twilight	29.000	174	52Psi UMa	3.0040	4400.0	58	45778	No
20	GOM_NL__2PRFIN20101202_010740_00000393097_00074_45778_8879.N1	02-DEC-2010 01:07:40	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	45778	No
21	GOM_NL__2PRFIN20101202_011720_00000503097_00074_45778_8880.N1	02-DEC-2010 01:17:20	Bright	50.000	62	94Bet Leo	2.1360	9700.0	100	45778	No
22	GOM_NL__2PRFIN20101202_012037_00000453097_00074_45778_8881.N1	02-DEC-2010 01:20:37	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	45778	No
23	GOM_NL__2PRFIN20101202_012754_00000483097_00074_45778_8882.N1	02-DEC-2010 01:27:54	Dark	47.500	171	2Eps Crv	3.0010	4250.0	95	45778	No
24	GOM_NL__2PRFIN20101202_013720_00000433097_00075_45779_8871.N1	02-DEC-2010 01:37:20	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	45779	No
25	GOM_NL__2PRFIN20101202_014556_00000493097_00075_45779_8872.N1	02-DEC-2010 01:45:56	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	45779	No
26	GOM_NL__2PRFIN20101202_014913_00000503097_00075_45779_8873.N1	02-DEC-2010 01:49:13	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	45779	No
27	GOM_NL__2PRFIN20101202_015107_00000643097_00075_45779_8874.N1	02-DEC-2010 01:51:07	Dark	63.500	117	Pi Pup	2.7060	3800.0	127	45779	No
28	GOM_NL__2PRFIN20101202_015535_00000483097_00075_45779_8875.N1	02-DEC-2010 01:55:35	Dark	47.500	108	Alp Col	2.6520	15200.	95	45779	No
29	GOM_NL__2PRFIN20101202_020113_00000553097_00075_45779_8876.N1	02-DEC-2010 02:01:13	Straylight	54.500	101	11Alp Lep	2.5820	7000.0	109	45779	No
30	GOM_NL__2PRFIN20101202_020446_00000593097_00075_45779_8877.N1	02-DEC-2010 02:04:46	Straylight	58.500	7	19Bet Ori	0.10000	14000.	117	45779	No
31	GOM_NL__2PRFIN20101202_020757_00000393097_00075_45779_8878.N1	02-DEC-2010 02:07:57	Twilight	39.000	72	34Del Ori	2.2500	30000.	78	45779	No
32	GOM_NL__2PRFIN20101202_021022_00000533097_00075_45779_8879.N1	02-DEC-2010 02:10:22	Twilight	53.000	27	24Gam Ori	1.6360	26000.	106	45779	No
33	GOM_NL__2PRFIN20101202_021241_00000613097_00075_45779_8880.N1	02-DEC-2010 02:12:41	Bright	60.500	13	87Alp Tau	0.86700	3800.0	121	45779	No
34	GOM_NL__2PRFIN20101202_021420_00000373097_00075_45779_8881.N1	02-DEC-2010 02:14:20	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	45779	No
35	GOM_NL__2PRFIN20101202_021640_00000393097_00075_45779_8882.N1	02-DEC-2010 02:16:40	Bright	39.000	150	44Zet Per	2.8900	28000.	78	45779	No
36	GOM_NL__2PRFIN20101202_021905_00000383097_00075_45779_8883.N1	02-DEC-2010 02:19:05	Bright	38.000	149	45Eps Per	2.8880	30000.	76	45779	No
37	GOM_NL__2PRFIN20101202_022107_00000363097_00075_45779_8884.N1	02-DEC-2010 02:21:07	Bright	36.000	175	39Del Per	3.0100	19400.	72	45779	No
38	GOM_NL__2PRFIN20101202_022249_00000503097_00075_45779_8885.N1	02-DEC-2010 02:22:49	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	45779	No
39	GOM_NL__2PRFIN20101202_022434_00000513097_00075_45779_8886.N1	02-DEC-2010 02:24:34	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	45779	No
40	GOM_NL__2PRFIN20101202_023903_00000413097_00075_45779_8887.N1	02-DEC-2010 02:39:03	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	45779	No
41	GOM_NL__2PRFIN20101202_024038_00000483097_00075_45779_8888.N1	02-DEC-2010 02:40:38	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	45779	No
42	GOM_NL__2PRFIN20101202_024220_00000393097_00075_45779_8889.N1	02-DEC-2010 02:42:20	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	45779	No

43	GOM_NL__2PRFIN20101202_024508_000000293097_00075_45779_8890.N1	02-DEC-2010 02:45:08	Twilight	29.000	174	52Psi UMa	3.0040	4400.0	58	45779	No
44	GOM_NL__2PRFIN20101202_024754_000000413097_00075_45779_8891.N1	02-DEC-2010 02:47:54	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	45779	No
45	GOM_NL__2PRFIN20101202_025734_000000503097_00075_45779_8892.N1	02-DEC-2010 02:57:34	Bright	50.000	62	94Bet Leo	2.1360	9700.0	100	45779	No
46	GOM_NL__2PRFIN20101202_030051_000000463097_00075_45779_8893.N1	02-DEC-2010 03:00:51	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	45779	No
47	GOM_NL__2PRFIN20101202_030633_000000483097_00075_45779_8894.N1	02-DEC-2010 03:06:33	Dark	48.000	100	4Gam Crv	2.5800	13100.	96	45779	No
48	GOM_NL__2PRFIN20101202_030809_000000473097_00075_45779_8895.N1	02-DEC-2010 03:08:09	Dark	46.500	171	2Eps Crv	3.0010	4250.0	93	45779	No
49	GOM_NL__2PRFIN20101202_031735_000000443097_00076_45780_8881.N1	02-DEC-2010 03:17:35	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	45780	No
50	GOM_NL__2PRFIN20101202_032611_000000473097_00076_45780_8882.N1	02-DEC-2010 03:26:11	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	45780	No
51	GOM_NL__2PRFIN20101202_032928_000000493097_00076_45780_8883.N1	02-DEC-2010 03:29:28	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	45780	No
52	GOM_NL__2PRFIN20101202_033122_000000623097_00076_45780_8884.N1	02-DEC-2010 03:31:22	Dark	61.500	117	Pi Pup	2.7060	3800.0	123	45780	No
53	GOM_NL__2PRFIN20101202_033550_000000473097_00076_45780_8885.N1	02-DEC-2010 03:35:50	Dark	46.500	108	Alp Col	2.6520	15200.	93	45780	No
54	GOM_NL__2PRFIN20101202_034127_000000533097_00076_45780_8886.N1	02-DEC-2010 03:41:27	Straylight	53.000	101	11Alp Lep	2.5820	7000.0	106	45780	No
55	GOM_NL__2PRFIN20101202_034500_000000583097_00076_45780_8887.N1	02-DEC-2010 03:45:00	Straylight	57.500	7	19Bet Ori	0.10000	14000.	115	45780	No
56	GOM_NL__2PRFIN20101202_034811_000000463097_00076_45780_8888.N1	02-DEC-2010 03:48:11	Twilight	46.000	72	34Del Ori	2.2500	30000.	92	45780	No
57	GOM_NL__2PRFIN20101202_035035_000000583097_00076_45780_8889.N1	02-DEC-2010 03:50:35	Twilight	58.000	27	24Gam Ori	1.6360	26000.	116	45780	No
58	GOM_NL__2PRFIN20101202_035254_000000603097_00076_45780_8890.N1	02-DEC-2010 03:52:54	Bright	59.500	13	87Alp Tau	0.86700	3800.0	119	45780	No
59	GOM_NL__2PRFIN20101202_035434_000000383097_00076_45780_8891.N1	02-DEC-2010 03:54:34	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	45780	No
60	GOM_NL__2PRFIN20101202_035654_000000393097_00076_45780_8892.N1	02-DEC-2010 03:56:54	Bright	39.000	150	44Zet Per	2.8900	28000.	78	45780	No
61	GOM_NL__2PRFIN20101202_035919_000000373097_00076_45780_8893.N1	02-DEC-2010 03:59:19	Bright	36.500	149	45Eps Per	2.8880	30000.	73	45780	No
62	GOM_NL__2PRFIN20101202_040121_000000373097_00076_45780_8894.N1	02-DEC-2010 04:01:21	Bright	36.500	175	39Del Per	3.0100	19400.	73	45780	No
63	GOM_NL__2PRFIN20101202_040303_000000503097_00076_45780_8895.N1	02-DEC-2010 04:03:03	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	45780	No
64	GOM_NL__2PRFIN20101202_040447_000000513097_00076_45780_8896.N1	02-DEC-2010 04:04:47	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	45780	No
65	GOM_NL__2PRFIN20101202_041917_000000473097_00076_45780_8897.N1	02-DEC-2010 04:19:17	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	45780	No
66	GOM_NL__2PRFIN20101202_042052_000000473097_00076_45780_8898.N1	02-DEC-2010 04:20:52	Bright	46.500	82	48Bet UMa	2.3650	10600.	93	45780	No
67	GOM_NL__2PRFIN20101202_042234_000000403097_00076_45780_8899.N1	02-DEC-2010 04:22:34	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	45780	No
68	GOM_NL__2PRFIN20101202_042808_000000433097_00076_45780_8900.N1	02-DEC-2010 04:28:08	Bright	43.000	152	12Alp2CVn	2.8900	11000.	86	45780	No
69	GOM_NL__2PRFIN20101202_043749_000000413097_00076_45780_8901.N1	02-DEC-2010 04:37:49	Bright	41.000	62	94Bet Leo	2.1360	9700.0	82	45780	No
70	GOM_NL__2PRFIN20101202_044106_000000473097_00076_45780_8902.N1	02-DEC-2010 04:41:06	Bright	47.000	121	29Gam Vir	2.7400	7200.0	94	45780	No
71	GOM_NL__2PRFIN20101202_044648_000000483097_00076_45780_8903.N1	02-DEC-2010 04:46:48	Dark	48.000	100	4Gam Crv	2.5800	13100.	96	45780	No
72	GOM_NL__2PRFIN20101202_044824_000000443097_00076_45780_8904.N1	02-DEC-2010 04:48:24	Dark	43.500	171	2Eps Crv	3.0010	4250.0	87	45780	No
73	GOM_NL__2PRFIN20101202_045750_000000443097_00077_45781_8891.N1	02-DEC-2010 04:57:50	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	45781	No
74	GOM_NL__2PRFIN20101202_050626_000000493097_00077_45781_8892.N1	02-DEC-2010 05:06:26	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	45781	No
75	GOM_NL__2PRFIN20101202_050942_000000583097_00077_45781_8893.N1	02-DEC-2010 05:09:42	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	45781	No
76	GOM_NL__2PRFIN20101202_051137_000000633097_00077_45781_8894.N1	02-DEC-2010 05:11:37	Dark	63.000	117	Pi Pup	2.7060	3800.0	126	45781	No
77	GOM_NL__2PRFIN20101202_051604_000000473097_00077_45781_8895.N1	02-DEC-2010 05:16:04	Dark	46.500	108	Alp Col	2.6520	15200.	93	45781	No
78	GOM_NL__2PRFIN20101202_052141_000000573097_00077_45781_8896.N1	02-DEC-2010 05:21:41	Straylight	57.000	101	11Alp Lep	2.5820	7000.0	114	45781	No
79	GOM_NL__2PRFIN20101202_052514_000000613097_00077_45781_8897.N1	02-DEC-2010 05:25:14	Straylight	60.500	7	19Bet Ori	0.10000	14000.	121	45781	No
80	GOM_NL__2PRFIN20101202_052825_000000463097_00077_45781_8898.N1	02-DEC-2010 05:28:25	Twilight	46.000	72	34Del Ori	2.2500	30000.	92	45781	No
81	GOM_NL__2PRFIN20101202_053049_000000583097_00077_45781_8899.N1	02-DEC-2010 05:30:49	Twilight	58.000	27	24Gam Ori	1.6360	26000.	116	45781	No
82	GOM_NL__2PRFIN20101202_053308_000000603097_00077_45781_8900.N1	02-DEC-2010 05:33:08	Bright	59.500	13	87Alp Tau	0.86700	3800.0	119	45781	No
83	GOM_NL__2PRFIN20101202_053448_000000403097_00077_45781_8901.N1	02-DEC-2010 05:34:48	Bright	39.500	146	25Eta Tau	2.8730	15200.	79	45781	No
84	GOM_NL__2PRFIN20101202_053708_000000393097_00077_45781_8902.N1	02-DEC-2010 05:37:08	Bright	38.500	150	44Zet Per	2.8900	28000.	77	45781	No
85	GOM_NL__2PRFIN20101202_053933_000000393097_00077_45781_8903.N1	02-DEC-2010 05:39:33	Bright	38.500	149	45Eps Per	2.8880	30000.	77	45781	No
86	GOM_NL__2PRFIN20101202_054135_000000373097_00077_45781_8904.N1	02-DEC-2010 05:41:35	Bright	36.500	175	39Del Per	3.0100	19400.	73	45781	No
87	GOM_NL__2PRFIN20101202_054316_000000503097_00077_45781_8905.N1	02-DEC-2010 05:43:16	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	45781	No
88	GOM_NL__2PRFIN20101202_054500_000000503097_00077_45781_8906.N1	02-DEC-2010 05:45:00	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	45781	No
89	GOM_NL__2PRFIN20101202_055931_000000463097_00077_45781_8907.N1	02-DEC-2010 05:59:31	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	45781	No
90	GOM_NL__2PRFIN20101202_060106_000000443097_00077_45781_8908.N1	02-DEC-2010 06:01:06	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	45781	No
91	GOM_NL__2PRFIN20101202_060248_000000363097_00077_45781_8909.N1	02-DEC-2010 06:02:48	Bright	36.000	32	77Eps UMa	1.7630	11000.	72	45781	No
92	GOM_NL__2PRFIN20101202_060823_000000423097_00077_45781_8910.N1	02-DEC-2010 06:08:23	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	45781	No
93	GOM_NL__2PRFIN20101202_061804_000000413097_00077_45781_8911.N1	02-DEC-2010 06:18:04	Bright	41.000	62	94Bet Leo	2.1360	9700.0	82	45781	No
94	GOM_NL__2PRFIN20101202_062121_000000453097_00077_45781_8912.N1	02-DEC-2010 06:21:21	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	45781	No
95	GOM_NL__2PRFIN20101202_062703_000000483097_00077_45781_8913.N1	02-DEC-2010 06:27:03	Dark	48.000	100	4Gam Crv	2.5800	13100.	96	45781	No
96	GOM_NL__2PRFIN20101202_062838_000000513097_00077_45781_8914.N1	02-DEC-2010 06:28:38	Dark	51.000	171	2Eps Crv	3.0010	4250.0	102	45781	No
97	GOM_NL__2PRFIN20101202_063804_000000463097_00078_45782_8902.N1	02-DEC-2010 06:38:04	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	45782	No
98	GOM_NL__2PRFIN20101202_064641_000000523097_00078_45782_8903.N1	02-DEC-2010 06:46:41	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	45782	No
99	GOM_NL__2PRFIN20101202_064957_000000473097_00078_45782_8904.N1	02-DEC-2010 06:49:57	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	45782	No
100	GOM_NL__2PRFIN20101202_065152_000000623097_00078_45782_8905.N1	02-DEC-2010 06:51:52	Dark	62.000	117	Pi Pup	2.7060	3800.0	124	45782	No
101	GOM_NL__2PRFIN20101202_065619_000000483097_00078_45782_8906.N1	02-DEC-2010 06:56:19	Dark	47.500	108	Alp Col	2.6520	15200.	95	45782	No





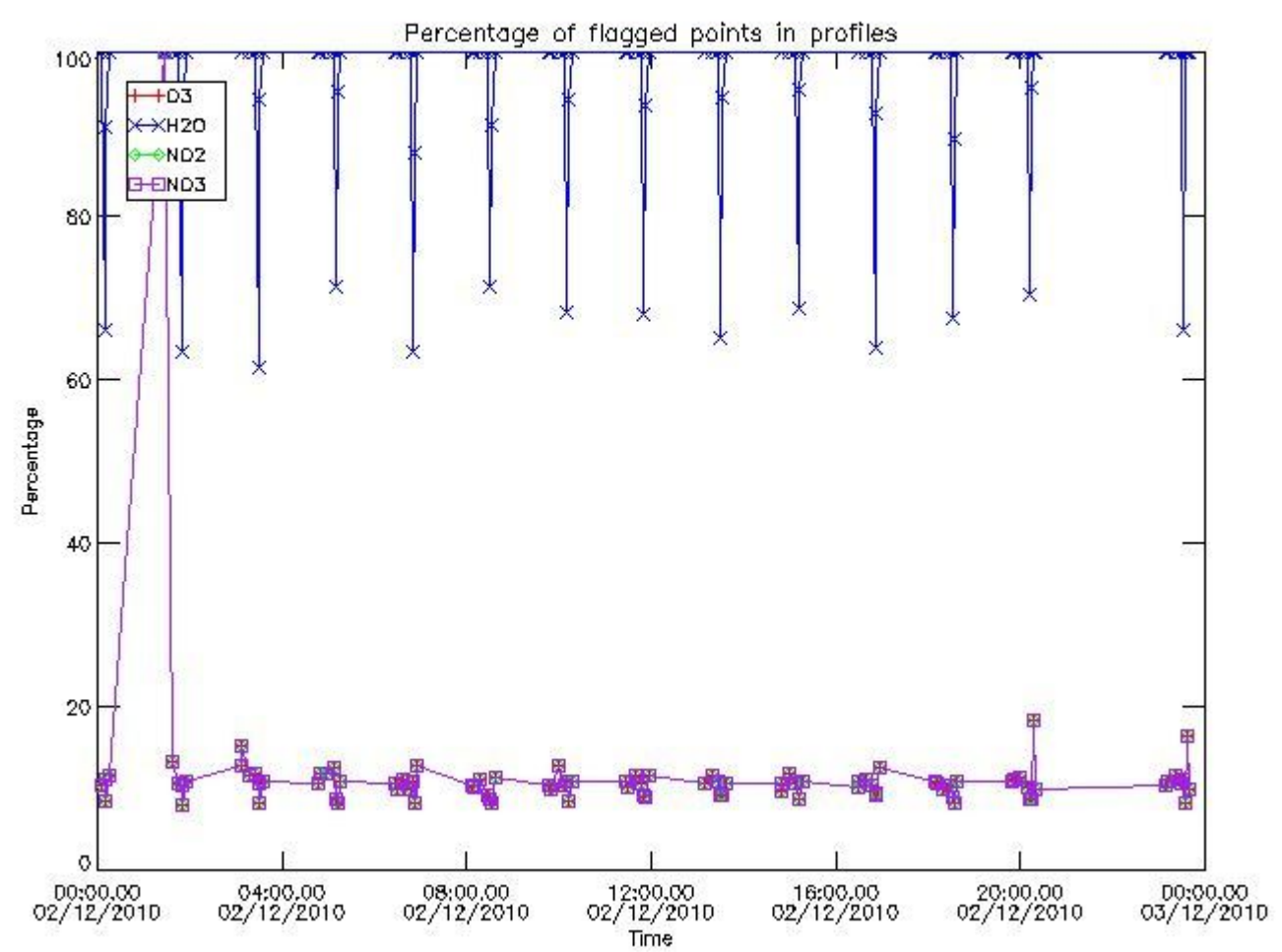


279	GOM_NL__2PRFIN20101202_190504_000000533097_00085_45789_9142.N1	02-DEC-2010 19:05:04	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	45789	No
280	GOM_NL__2PRFIN20101202_190645_000000523097_00085_45789_9143.N1	02-DEC-2010 19:06:45	Bright	52.000	42	34Bet Aur	1.9000	10200.	104	45789	No
281	GOM_NL__2PRFIN20101202_192120_000000453097_00085_45789_9144.N1	02-DEC-2010 19:21:20	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	45789	No
282	GOM_NL__2PRFIN20101202_192255_000000483097_00085_45789_9145.N1	02-DEC-2010 19:22:55	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	45789	No
283	GOM_NL__2PRFIN20101202_192440_000000393097_00085_45789_9146.N1	02-DEC-2010 19:24:40	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	45789	No
284	GOM_NL__2PRFIN20101202_193015_000000393097_00085_45789_9147.N1	02-DEC-2010 19:30:15	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	45789	No
285	GOM_NL__2PRFIN20101202_193854_000000413097_00085_45789_9148.N1	02-DEC-2010 19:38:54	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	45789	No
286	GOM_NL__2PRFIN20101202_194318_000000443097_00085_45789_9149.N1	02-DEC-2010 19:43:18	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	45789	No
287	GOM_NL__2PRFIN20101202_194902_000000473097_00085_45789_9150.N1	02-DEC-2010 19:49:02	Dark	47.000	100	4Gam Crv	2.5800	13100.	94	45789	No
288	GOM_NL__2PRFIN20101202_195038_000000463097_00085_45789_9151.N1	02-DEC-2010 19:50:38	Dark	46.000	171	2Eps Crv	3.0010	4250.0	92	45789	No
289	GOM_NL__2PRFIN20101202_200003_000000453097_00086_45790_9155.N1	02-DEC-2010 20:00:03	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	45790	No
290	GOM_NL__2PRFIN20101202_200840_000000513097_00086_45790_9156.N1	02-DEC-2010 20:08:40	Dark	50.500	34	Gam2Vel	1.7930	23000.	101	45790	No
291	GOM_NL__2PRFIN20101202_201153_000000583097_00086_45790_9157.N1	02-DEC-2010 20:11:53	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	45790	No
292	GOM_NL__2PRFIN20101202_201351_000000603097_00086_45790_9158.N1	02-DEC-2010 20:13:51	Dark	59.500	117	Pi Pup	2.7060	3800.0	119	45790	No
293	GOM_NL__2PRFIN20101202_201734_000000283097_00086_45790_9159.N1	02-DEC-2010 20:17:34	Dark	28.000	23	21Eps CMa	1.5020	26000.	56	45790	No
294	GOM_NL__2PRFIN20101202_201828_000000523097_00086_45790_9160.N1	02-DEC-2010 20:18:28	Dark	51.500	177	1Zet CMa	3.0220	26000.	103	45790	No
295	GOM_NL__2PRFIN20101202_202349_000000513097_00086_45790_9161.N1	02-DEC-2010 20:23:49	Straylight	51.000	101	11Alp Lep	2.5820	7000.0	102	45790	No
296	GOM_NL__2PRFIN20101202_202719_000000583097_00086_45790_9162.N1	02-DEC-2010 20:27:19	Straylight	57.500	7	19Bet Ori	0.10000	14000.	115	45790	No
297	GOM_NL__2PRFIN20101202_203012_000000413097_00086_45790_9163.N1	02-DEC-2010 20:30:12	Tw_i_and_stray	41.000	30	46Eps Ori	1.6940	30000.	82	45790	No
298	GOM_NL__2PRFIN20101202_203251_000000593097_00086_45790_9164.N1	02-DEC-2010 20:32:51	Tw_i_and_stray	59.000	27	24Gam Ori	1.6360	26000.	118	45790	No
299	GOM_NL__2PRFIN20101202_203511_000000623097_00086_45790_9165.N1	02-DEC-2010 20:35:11	Bright	62.000	13	87Alp Tau	0.86700	3800.0	124	45790	No
300	GOM_NL__2PRFIN20101202_203653_000000393097_00086_45790_9166.N1	02-DEC-2010 20:36:53	Bright	38.500	146	25Eta Tau	2.8730	15200.	77	45790	No
301	GOM_NL__2PRFIN20101202_203913_000000383097_00086_45790_9167.N1	02-DEC-2010 20:39:13	Bright	38.000	150	44Zet Per	2.8900	28000.	76	45790	No
302	GOM_NL__2PRFIN20101202_204137_000000383097_00086_45790_9168.N1	02-DEC-2010 20:41:37	Bright	37.500	149	45Eps Per	2.8880	30000.	75	45790	No
303	GOM_NL__2PRFIN20101202_204340_000000353097_00086_45790_9169.N1	02-DEC-2010 20:43:40	Bright	35.000	175	39Del Per	3.0100	19400.	70	45790	No
304	GOM_NL__2PRFIN20101202_204517_000000493097_00086_45790_9170.N1	02-DEC-2010 20:45:17	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	45790	No
305	GOM_NL__2PRFIN20101202_204658_000000513097_00086_45790_9171.N1	02-DEC-2010 20:46:58	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	45790	No
306	GOM_NL__2PRFIN20101202_210134_000000463097_00086_45790_9172.N1	02-DEC-2010 21:01:34	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	45790	No
307	GOM_NL__2PRFIN20101202_210308_000000473097_00086_45790_9173.N1	02-DEC-2010 21:03:08	Bright	46.500	82	48Bet UMa	2.3650	10600.	93	45790	No
308	GOM_NL__2PRFIN20101202_210453_000000413097_00086_45790_9174.N1	02-DEC-2010 21:04:53	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	45790	No
309	GOM_NL__2PRFIN20101202_211029_000000413097_00086_45790_9175.N1	02-DEC-2010 21:10:29	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	45790	No
310	GOM_NL__2PRFIN20101202_211908_000000413097_00086_45790_9176.N1	02-DEC-2010 21:19:08	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	45790	No
311	GOM_NL__2PRFIN20101202_212333_000000443097_00086_45790_9177.N1	02-DEC-2010 21:23:33	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	45790	No
312	GOM_NL__2PRFIN20101202_230932_000000493097_00087_45791_9185.N1	02-DEC-2010 23:09:32	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	45791	No
313	GOM_NL__2PRFIN20101202_231107_000000483097_00087_45791_9186.N1	02-DEC-2010 23:11:07	Dark	47.500	171	2Eps Crv	3.0010	4250.0	95	45791	No
314	GOM_NL__2PRFIN20101202_232033_000000453097_00088_45792_9195.N1	02-DEC-2010 23:20:33	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	45792	No
315	GOM_NL__2PRFIN20101202_232910_000000483097_00088_45792_9196.N1	02-DEC-2010 23:29:10	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	45792	No
316	GOM_NL__2PRFIN20101202_233222_000000463097_00088_45792_9197.N1	02-DEC-2010 23:32:22	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	45792	No
317	GOM_NL__2PRFIN20101202_233421_000000633097_00088_45792_9198.N1	02-DEC-2010 23:34:21	Dark	62.500	117	Pi Pup	2.7060	3800.0	125	45792	No
318	GOM_NL__2PRFIN20101202_233803_000000313097_00088_45792_9199.N1	02-DEC-2010 23:38:03	Dark	31.000	23	21Eps CMa	1.5020	26000.	62	45792	No
319	GOM_NL__2PRFIN20101202_233857_000000513097_00088_45792_9200.N1	02-DEC-2010 23:38:57	Dark	51.000	177	1Zet CMa	3.0220	26000.	102	45792	No
320	GOM_NL__2PRFIN20101202_234417_000000533097_00088_45792_9201.N1	02-DEC-2010 23:44:17	Straylight	53.000	101	11Alp Lep	2.5820	7000.0	106	45792	No
321	GOM_NL__2PRFIN20101202_234747_000000603097_00088_45792_9202.N1	02-DEC-2010 23:47:47	Straylight	60.000	7	19Bet Ori	0.10000	14000.	120	45792	No
322	GOM_NL__2PRFIN20101202_235039_000000473097_00088_45792_9203.N1	02-DEC-2010 23:50:39	Tw_i_and_stray	47.000	30	46Eps Ori	1.6940	30000.	94	45792	No
323	GOM_NL__2PRFIN20101202_235318_000000633097_00088_45792_9204.N1	02-DEC-2010 23:53:18	Tw_i_and_stray	62.500	27	24Gam Ori	1.6360	26000.	125	45792	No
324	GOM_NL__2PRFIN20101202_235539_000000613097_00088_45792_9205.N1	02-DEC-2010 23:55:39	Bright	61.000	13	87Alp Tau	0.86700	3800.0	122	45792	No
325	GOM_NL__2PRFIN20101202_235721_000000393097_00088_45792_9206.N1	02-DEC-2010 23:57:21	Bright	39.000	146	25Eta Tau	2.8730	15200.	78	45792	No
326	GOM_NL__2PRFIN20101202_235940_000000393097_00088_45792_9207.N1	02-DEC-2010 23:59:40	Bright	38.500	150	44Zet Per	2.8900	28000.	77	45792	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.

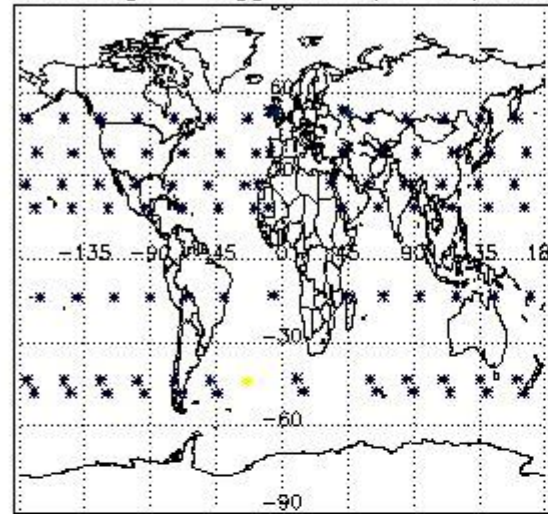
#### 3.1 Plot quality information per product (time dependant)



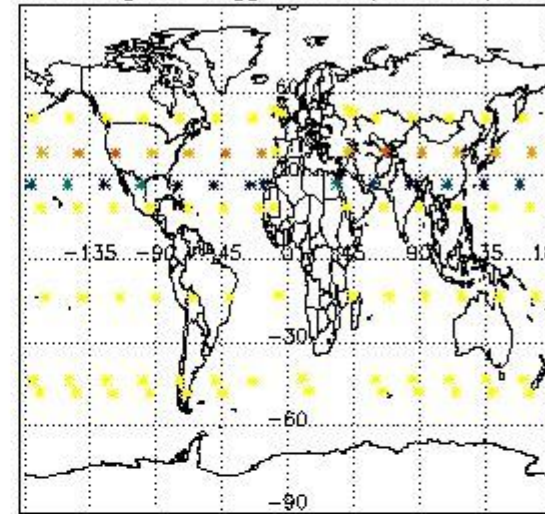
3.2 Plot quality information per product (world map)



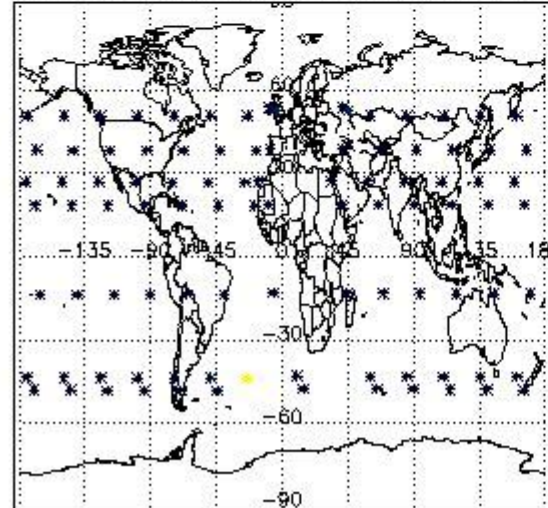
Percentage of flagged data per O3 profile



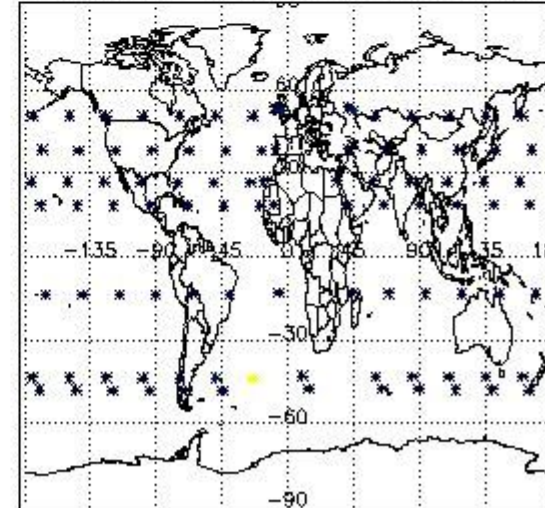
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

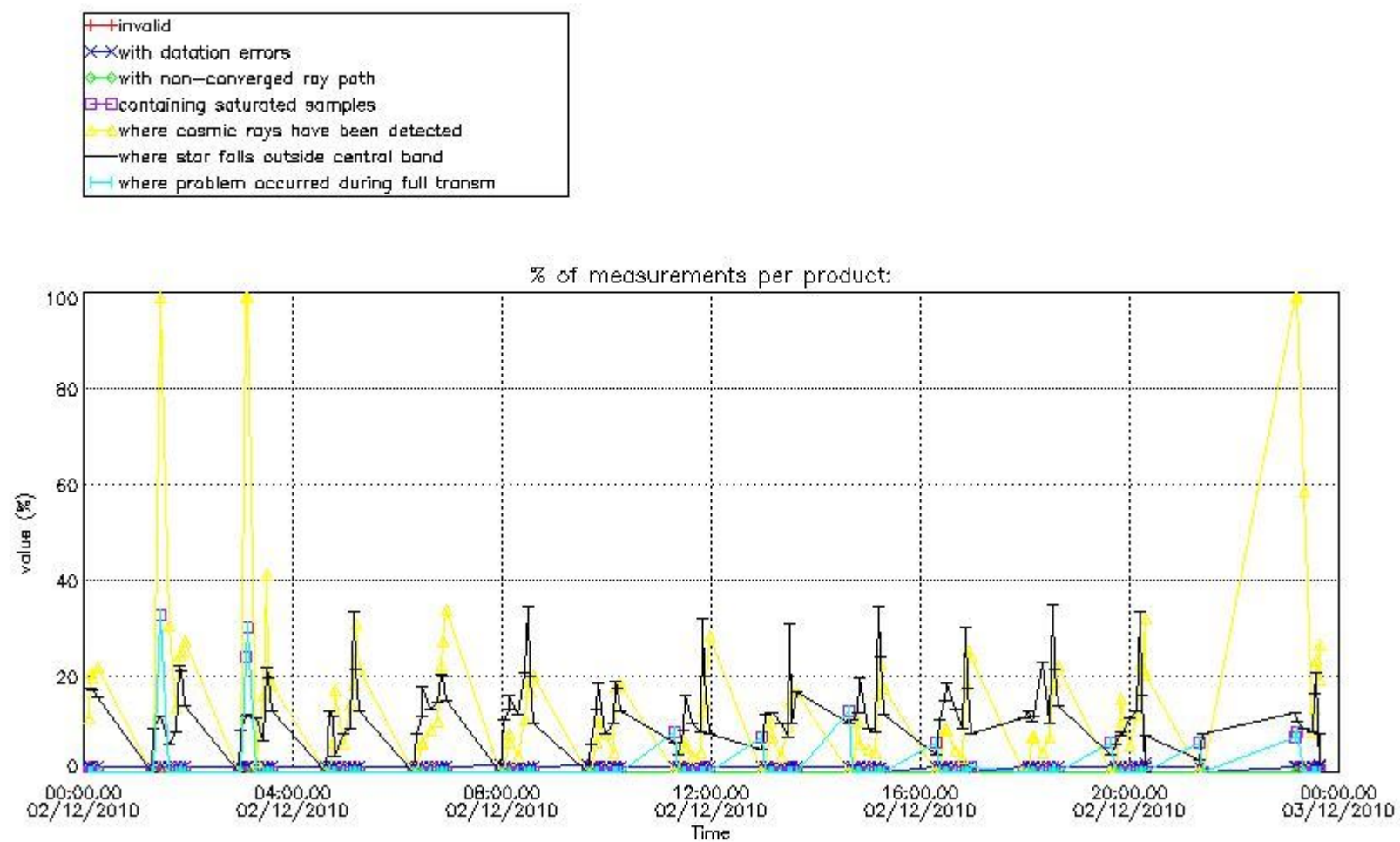


#### 4. Level 1 quality information per product

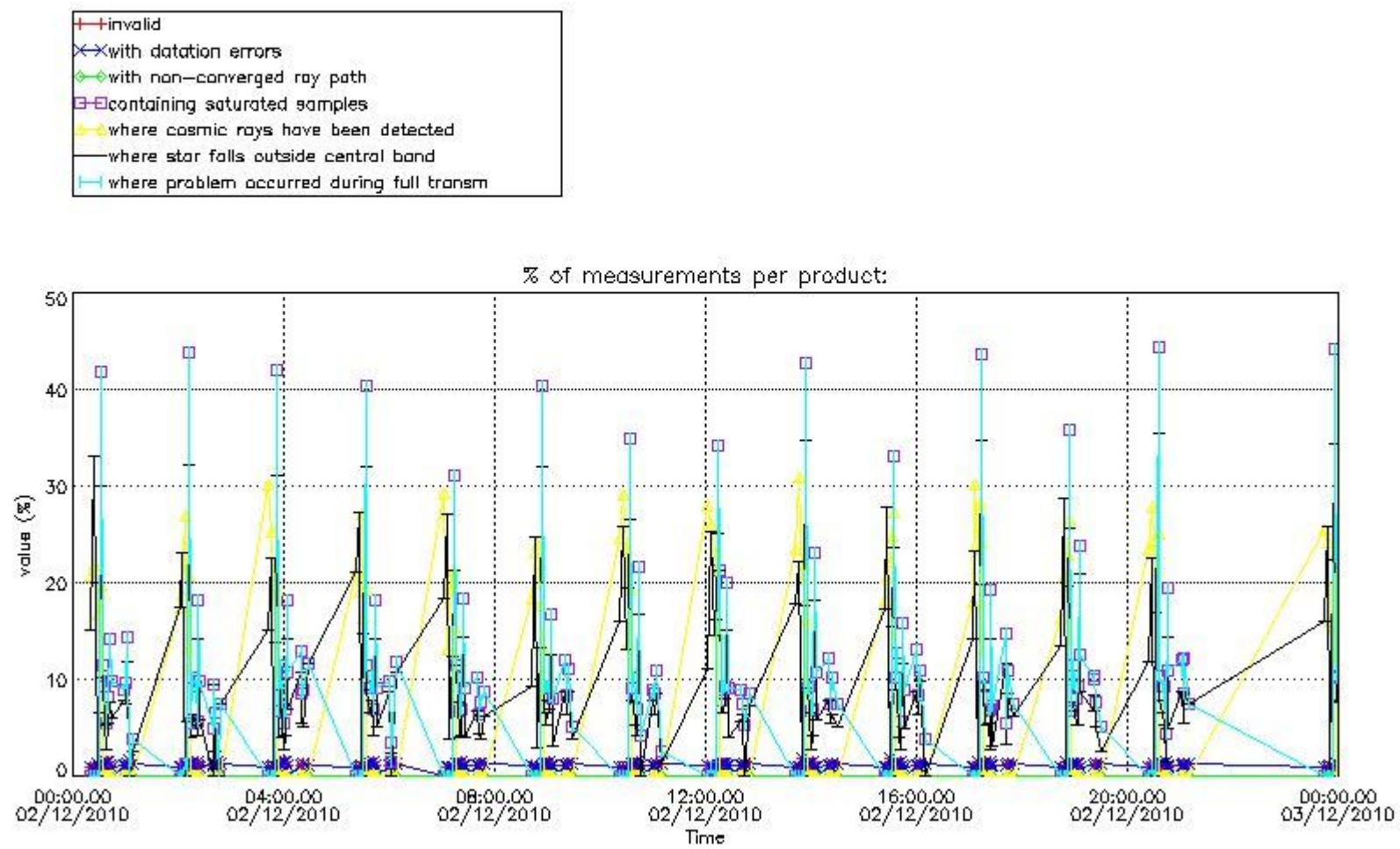
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



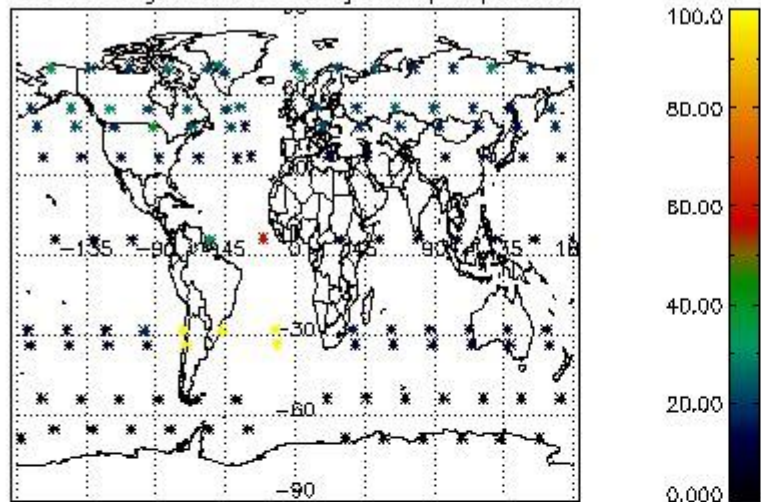
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



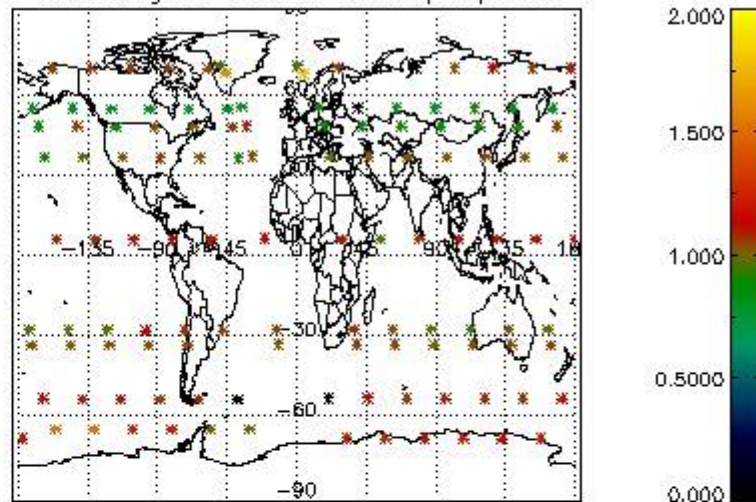
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

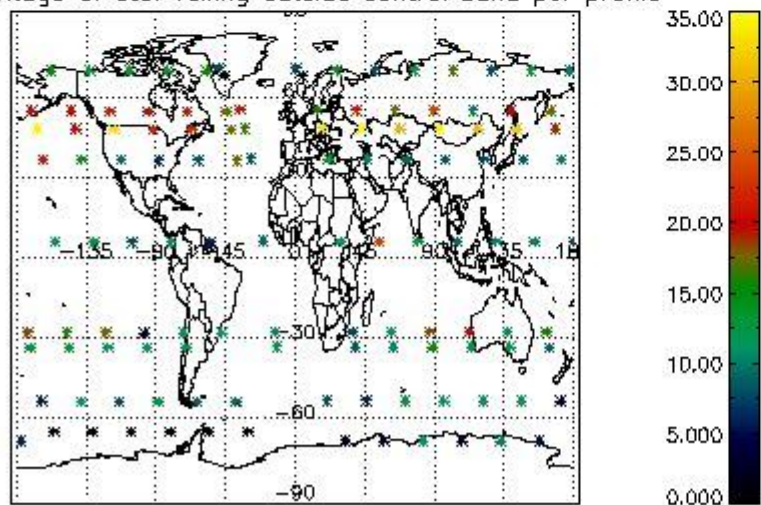
Percentage of cosmic ray hits per profile



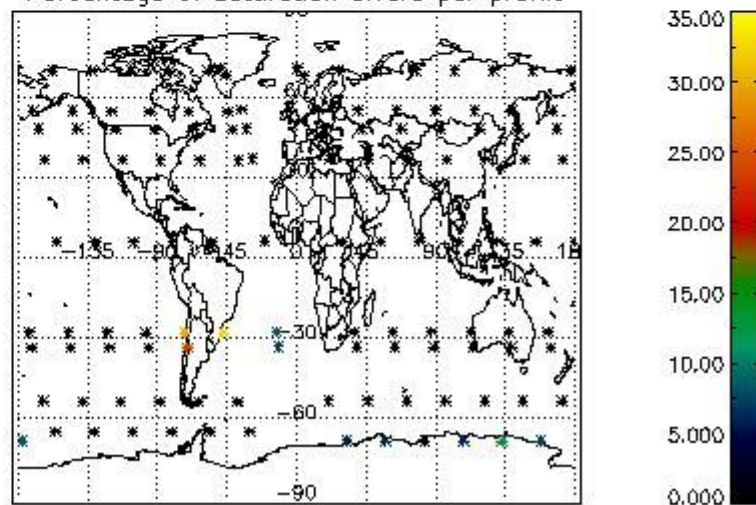
Percentage of datation errors per profile



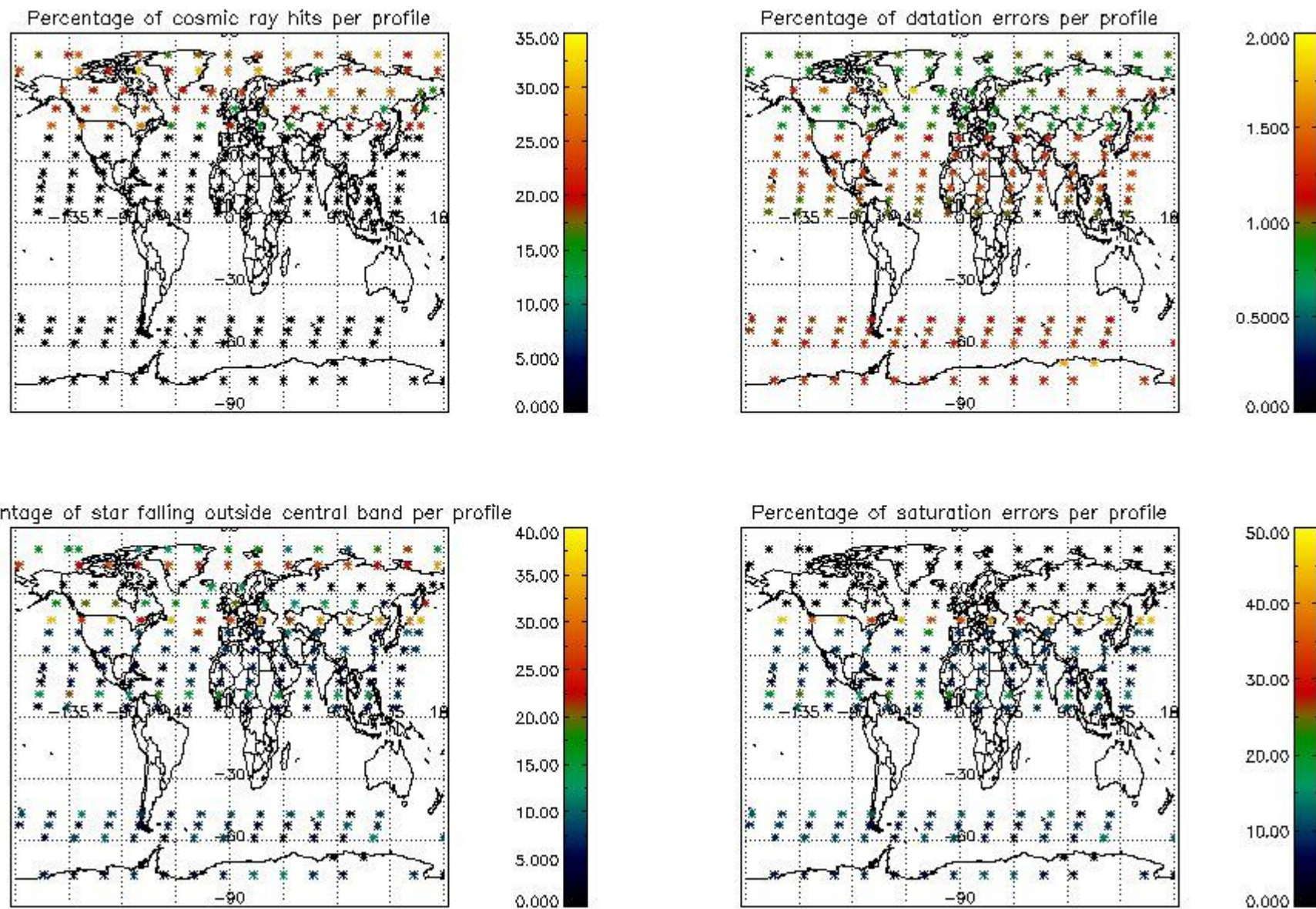
Percentage of star falling outside central band per profile



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

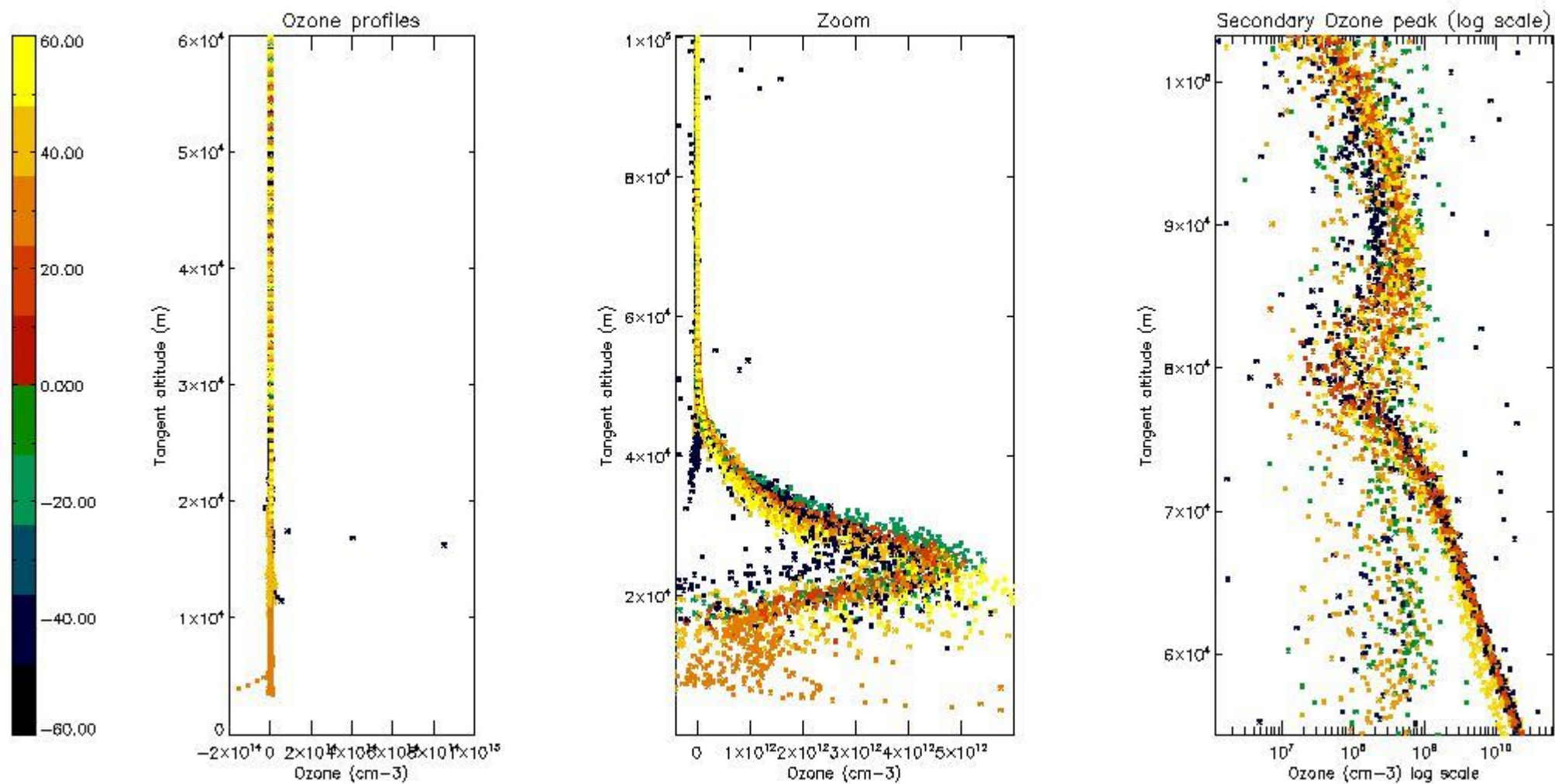
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	32
STD < 20	15

STD < 10	11
STD < 5	7

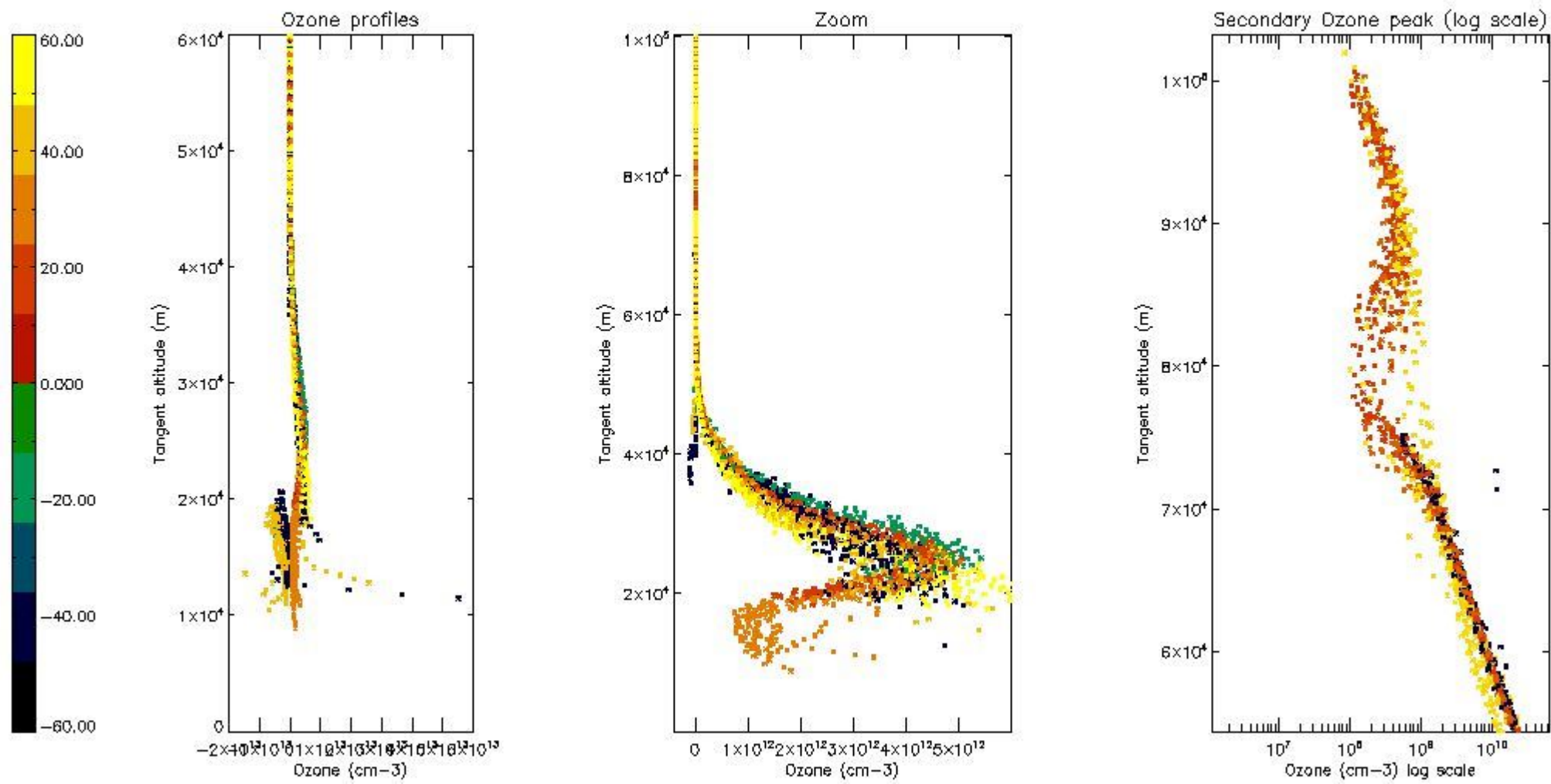
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



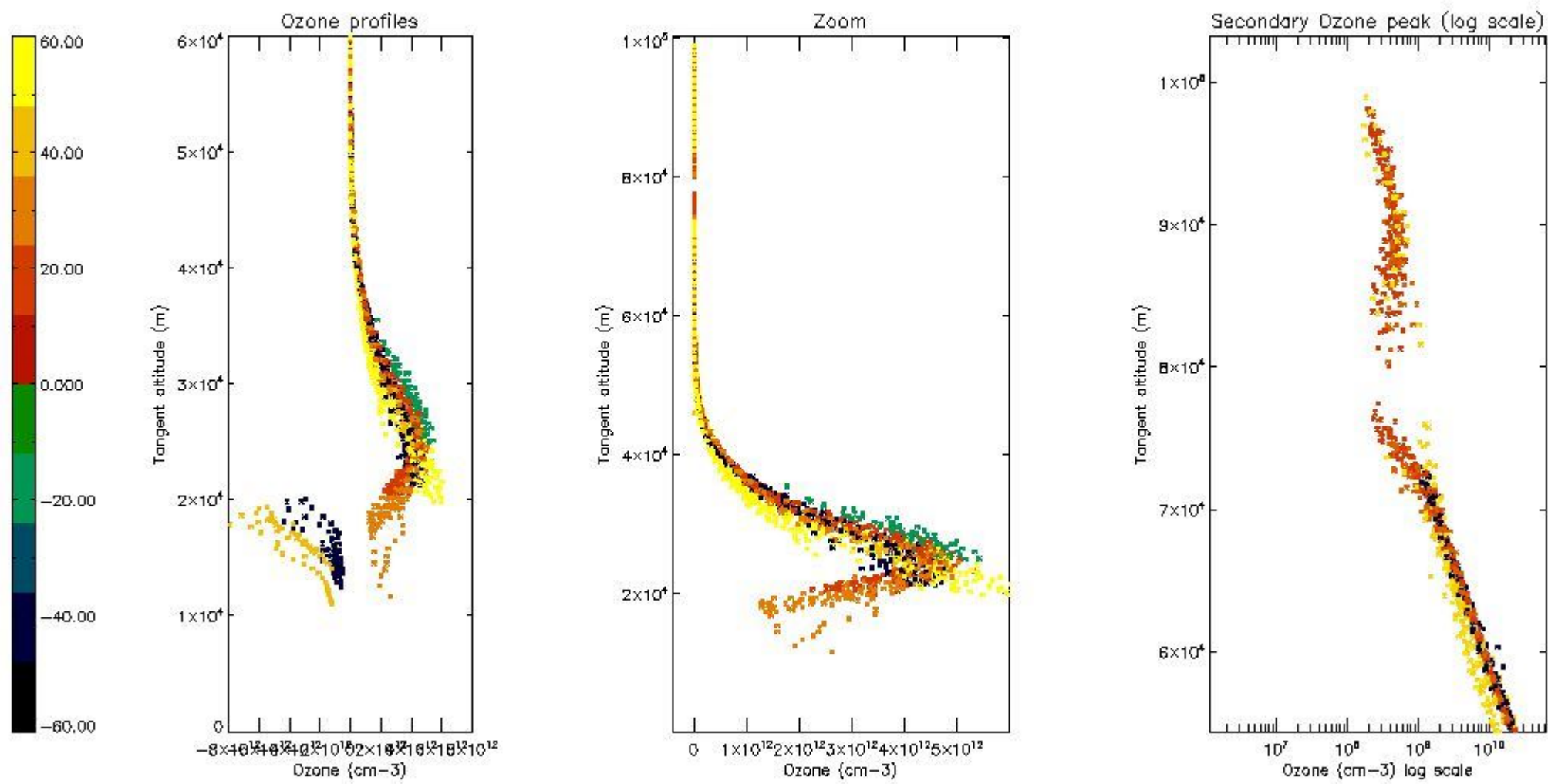
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

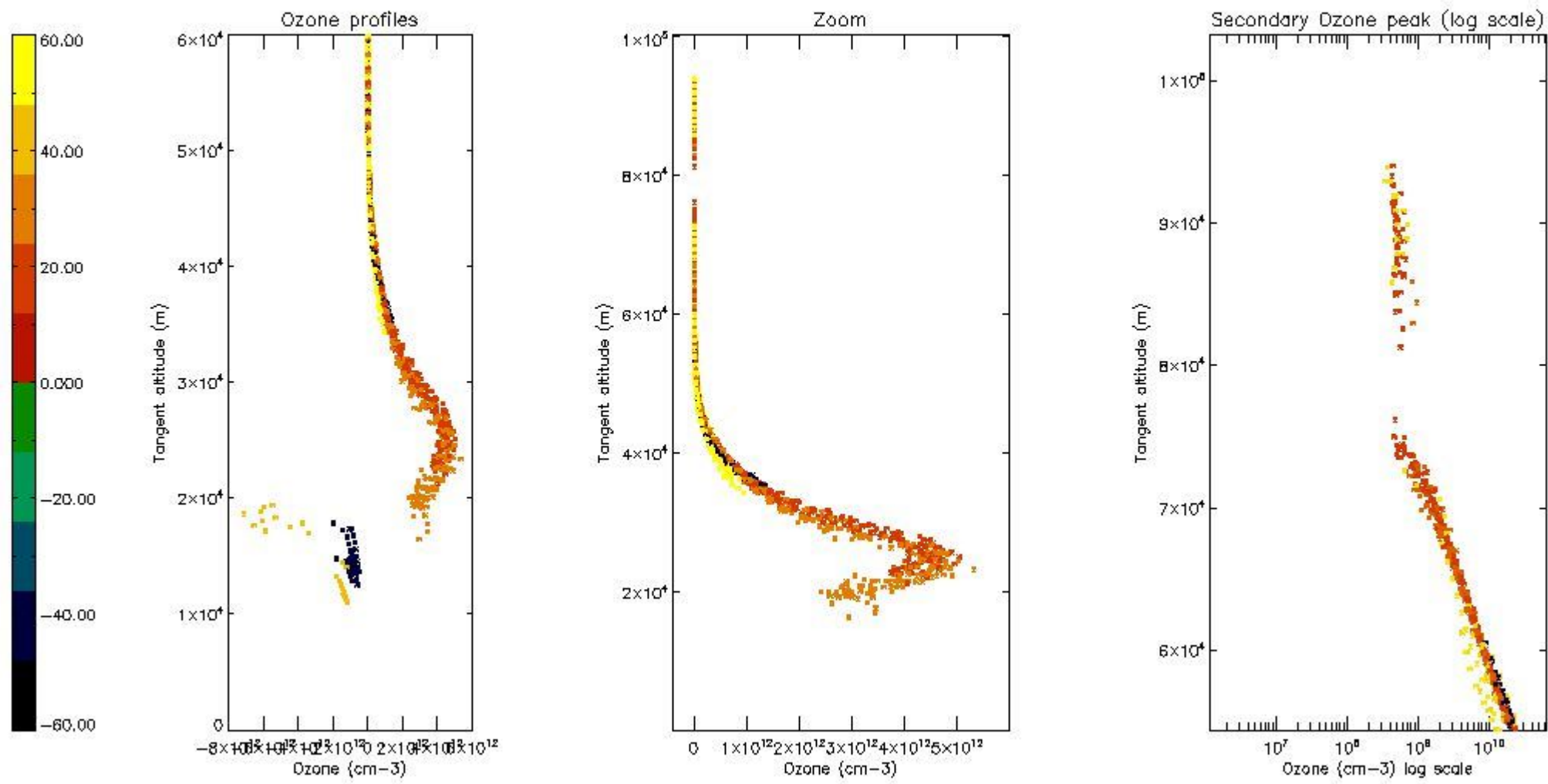
The colorbar represents the latitude.



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

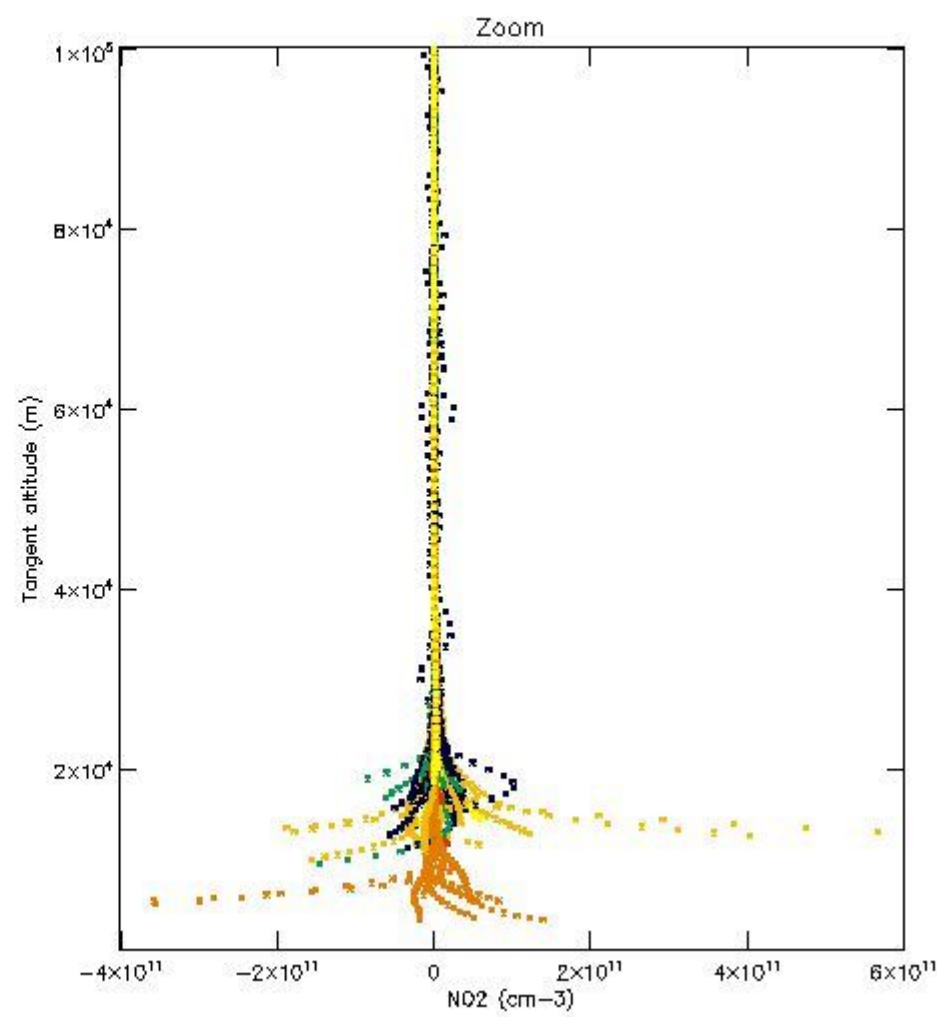
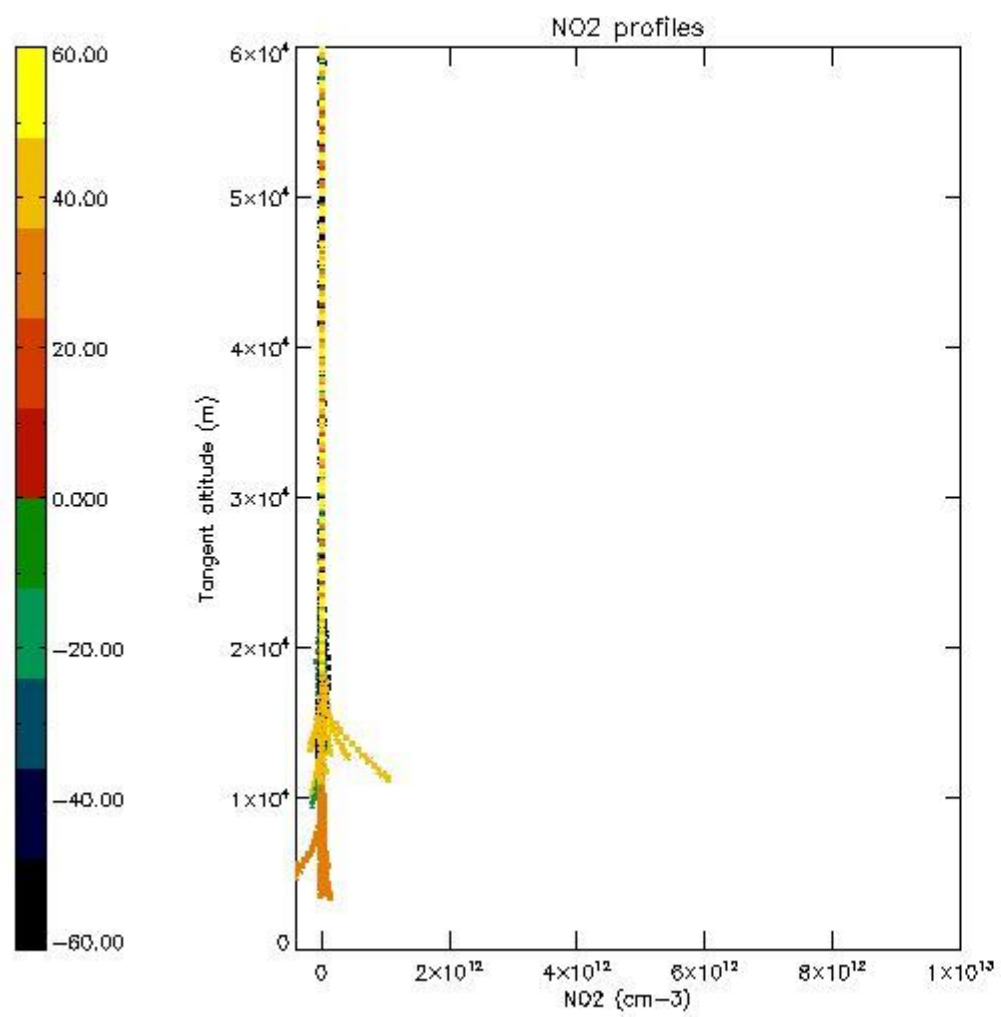
The colorbar represents the latitude.





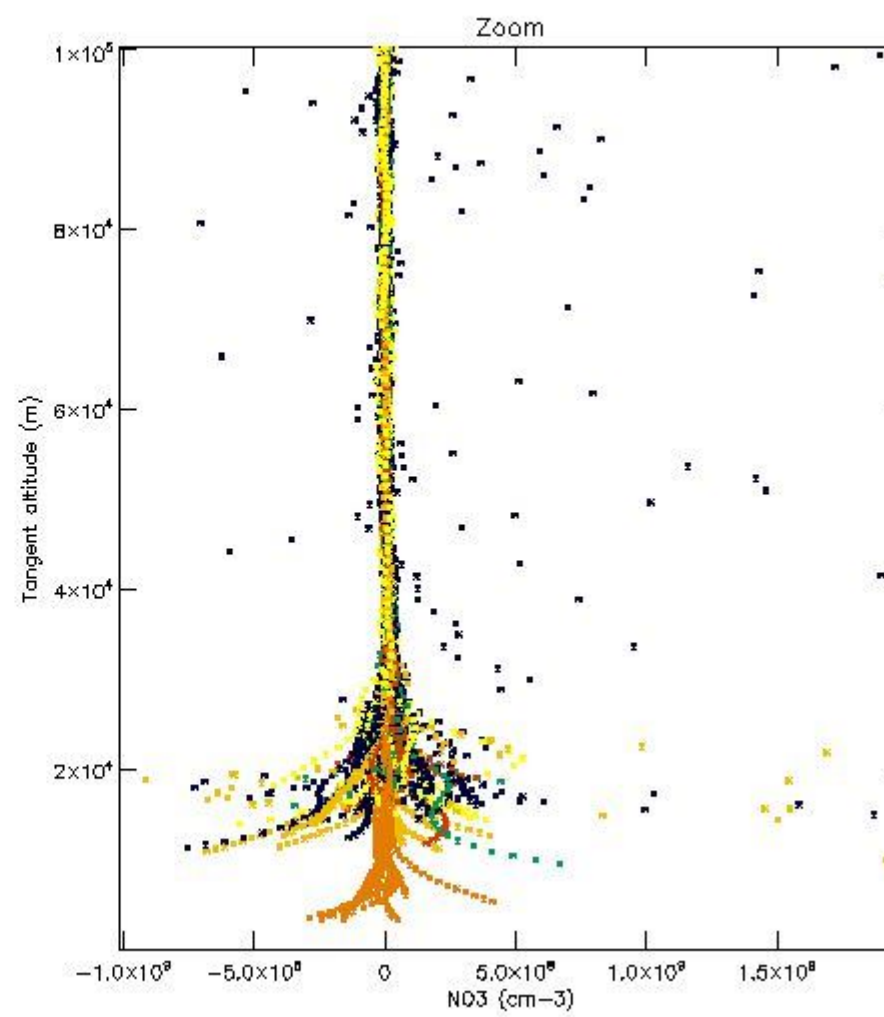
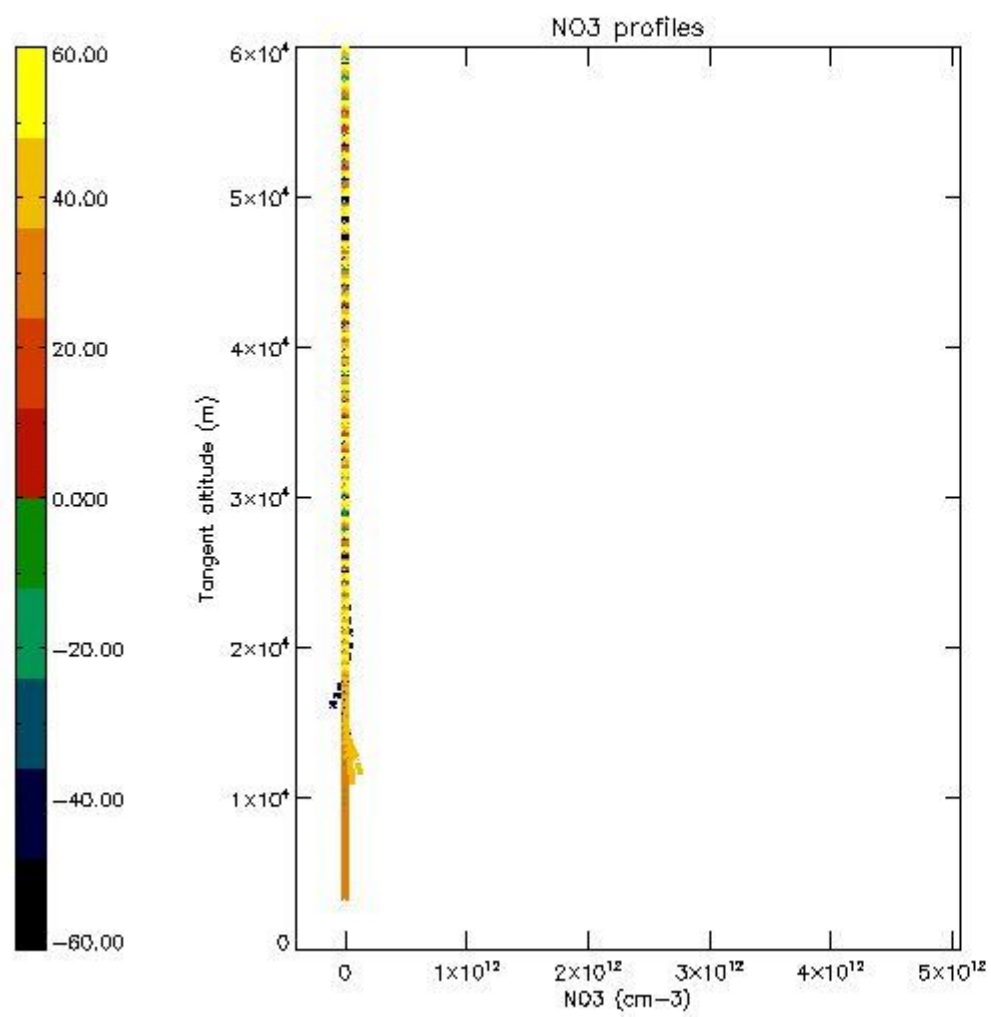
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



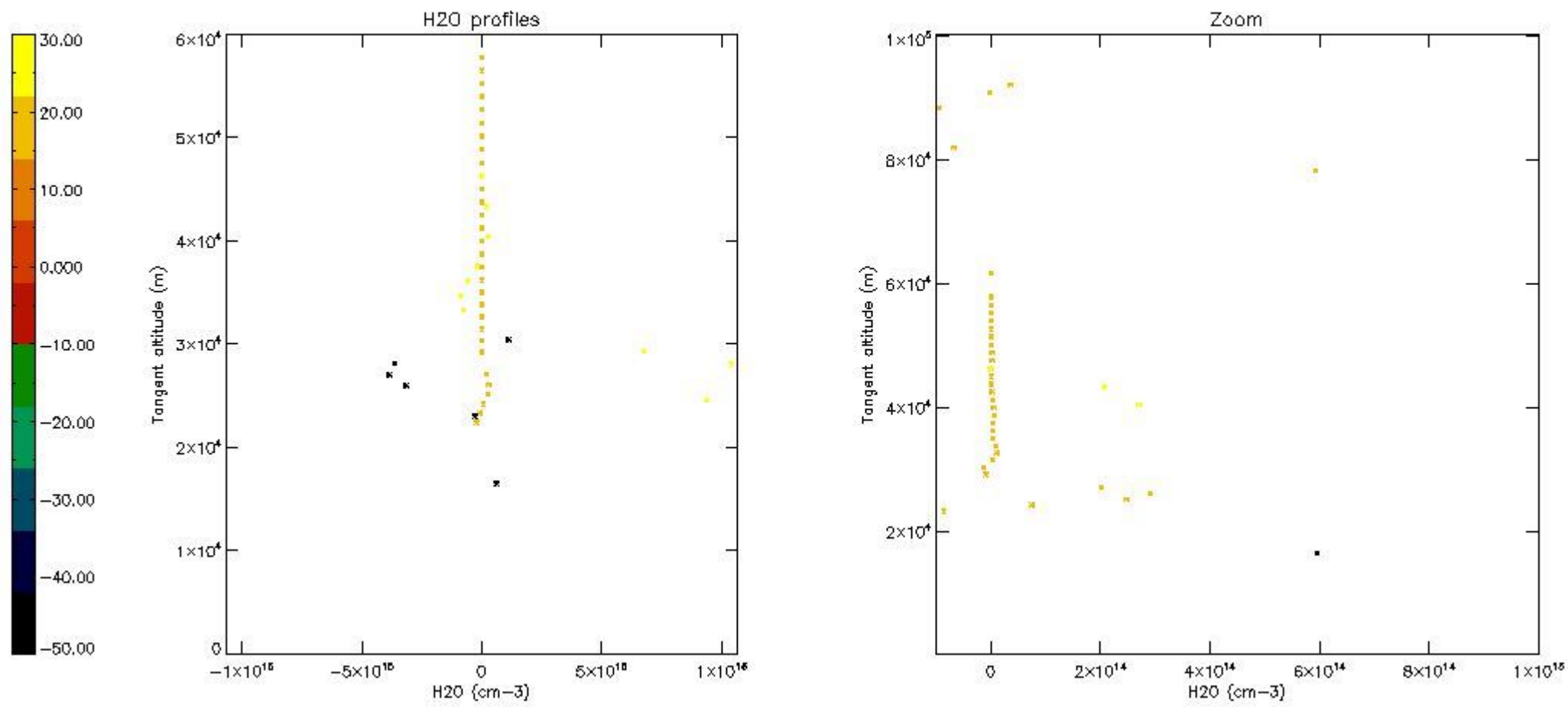
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	02-DEC-2010 00:05:41
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-DEC-2010 00:05:41
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-DEC-2010 00:05:41

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P).  
 It is intended to monitor some important parameters that will impact the quality of these products.  
 A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	29APR2013 16:26:04
Data source version	GOMOS/6.01
Start time of products	02-12-2010 (02DEC2010 00:00:00)
Stop time of products	03-12-2010 (03DEC2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	326
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__2PRFIN20101202_000541_000000543097_00074_45778_8860.N1	02-DEC-2010 00:05:41	Dark	54.000	34	Gam2Vel	1.7930	23000.	108	45778	No
2	GOM_NL__2PRFIN20101202_000858_000000463097_00074_45778_8861.N1	02-DEC-2010 00:08:58	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	45778	No
3	GOM_NL__2PRFIN20101202_001053_000000613097_00074_45778_8862.N1	02-DEC-2010 00:10:53	Dark	61.000	117	Pi Pup	2.7060	3800.0	122	45778	No
4	GOM_NL__2PRFIN20101202_001521_000000483097_00074_45778_8863.N1	02-DEC-2010 00:15:21	Dark	48.000	108	Alp Col	2.6520	15200.	96	45778	No
5	GOM_NL__2PRFIN20101202_002059_000000533097_00074_45778_8864.N1	02-DEC-2010 00:20:59	Straylight	53.000	101	11Alp Lep	2.5820	7000.0	106	45778	No
6	GOM_NL__2PRFIN20101202_002432_000000673097_00074_45778_8865.N1	02-DEC-2010 00:24:32	Straylight	66.500	7	19Bet Ori	0.10000	14000.	133	45778	No
7	GOM_NL__2PRFIN20101202_002744_000000393097_00074_45778_8866.N1	02-DEC-2010 00:27:44	Twilight	39.000	72	34Del Ori	2.2500	30000.	78	45778	No
8	GOM_NL__2PRFIN20101202_003008_000000533097_00074_45778_8867.N1	02-DEC-2010 00:30:08	Twilight	53.000	27	24Gam Ori	1.6360	26000.	106	45778	No
9	GOM_NL__2PRFIN20101202_003227_000000593097_00074_45778_8868.N1	02-DEC-2010 00:32:27	Bright	58.500	13	87Alp Tau	0.86700	3800.0	117	45778	No
10	GOM_NL__2PRFIN20101202_003406_000000403097_00074_45778_8869.N1	02-DEC-2010 00:34:06	Bright	39.500	146	25Eta Tau	2.8730	15200.	79	45778	No
11	GOM_NL__2PRFIN20101202_003627_000000383097_00074_45778_8870.N1	02-DEC-2010 00:36:27	Bright	38.000	150	44Zet Per	2.8900	28000.	76	45778	No
12	GOM_NL__2PRFIN20101202_003851_000000373097_00074_45778_8871.N1	02-DEC-2010 00:38:51	Bright	36.500	149	45Eps Per	2.8880	30000.	73	45778	No
13	GOM_NL__2PRFIN20101202_004053_000000373097_00074_45778_8872.N1	02-DEC-2010 00:40:53	Bright	36.500	175	39Del Per	3.0100	19400.	73	45778	No
14	GOM_NL__2PRFIN20101202_004236_000000463097_00074_45778_8873.N1	02-DEC-2010 00:42:36	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	45778	No
15	GOM_NL__2PRFIN20101202_004420_000000513097_00074_45778_8874.N1	02-DEC-2010 00:44:20	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	45778	No
16	GOM_NL__2PRFIN20101202_005849_000000453097_00074_45778_8875.N1	02-DEC-2010 00:58:49	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	45778	No
17	GOM_NL__2PRFIN20101202_010025_000000473097_00074_45778_8876.N1	02-DEC-2010 01:00:25	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	45778	No
18	GOM_NL__2PRFIN20101202_010206_000000423097_00074_45778_8877.N1	02-DEC-2010 01:02:06	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	45778	No
19	GOM_NL__2PRFIN20101202_010454_000000293097_00074_45778_8878.N1	02-DEC-2010 01:04:54	Twilight	29.000	174	52Psi UMa	3.0040	4400.0	58	45778	No
20	GOM_NL__2PRFIN20101202_010740_000000393097_00074_45778_8879.N1	02-DEC-2010 01:07:40	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	45778	No
21	GOM_NL__2PRFIN20101202_011720_000000503097_00074_45778_8880.N1	02-DEC-2010 01:17:20	Bright	50.000	62	94Bet Leo	2.1360	9700.0	100	45778	No
22	GOM_NL__2PRFIN20101202_012037_000000453097_00074_45778_8881.N1	02-DEC-2010 01:20:37	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	45778	No
23	GOM_NL__2PRFIN20101202_012754_000000483097_00074_45778_8882.N1	02-DEC-2010 01:27:54	Dark	47.500	171	2Eps Crv	3.0010	4250.0	95	45778	No
24	GOM_NL__2PRFIN20101202_013720_000000433097_00075_45779_8871.N1	02-DEC-2010 01:37:20	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	45779	No
25	GOM_NL__2PRFIN20101202_014556_000000493097_00075_45779_8872.N1	02-DEC-2010 01:45:56	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	45779	No
26	GOM_NL__2PRFIN20101202_014913_000000503097_00075_45779_8873.N1	02-DEC-2010 01:49:13	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	45779	No
27	GOM_NL__2PRFIN20101202_015107_000000643097_00075_45779_8874.N1	02-DEC-2010 01:51:07	Dark	63.500	117	Pi Pup	2.7060	3800.0	127	45779	No
28	GOM_NL__2PRFIN20101202_015535_000000483097_00075_45779_8875.N1	02-DEC-2010 01:55:35	Dark	47.500	108	Alp Col	2.6520	15200.	95	45779	No
29	GOM_NL__2PRFIN20101202_020113_000000553097_00075_45779_8876.N1	02-DEC-2010 02:01:13	Straylight	54.500	101	11Alp Lep	2.5820	7000.0	109	45779	No
30	GOM_NL__2PRFIN20101202_020446_000000593097_00075_45779_8877.N1	02-DEC-2010 02:04:46	Straylight	58.500	7	19Bet Ori	0.10000	14000.	117	45779	No
31	GOM_NL__2PRFIN20101202_020757_000000393097_00075_45779_8878.N1	02-DEC-2010 02:07:57	Twilight	39.000	72	34Del Ori	2.2500	30000.	78	45779	No
32	GOM_NL__2PRFIN20101202_021022_000000533097_00075_45779_8879.N1	02-DEC-2010 02:10:22	Twilight	53.000	27	24Gam Ori	1.6360	26000.	106	45779	No
33	GOM_NL__2PRFIN20101202_021241_000000613097_00075_45779_8880.N1	02-DEC-2010 02:12:41	Bright	60.500	13	87Alp Tau	0.86700	3800.0	121	45779	No
34	GOM_NL__2PRFIN20101202_021420_000000373097_00075_45779_8881.N1	02-DEC-2010 02:14:20	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	45779	No
35	GOM_NL__2PRFIN20101202_021640_000000393097_00075_45779_8882.N1	02-DEC-2010 02:16:40	Bright	39.000	150	44Zet Per	2.8900	28000.	78	45779	No
36	GOM_NL__2PRFIN20101202_021905_000000383097_00075_45779_8883.N1	02-DEC-2010 02:19:05	Bright	38.000	149	45Eps Per	2.8880	30000.	76	45779	No
37	GOM_NL__2PRFIN20101202_022107_000000363097_00075_45779_8884.N1	02-DEC-2010 02:21:07	Bright	36.000	175	39Del Per	3.0100	19400.	72	45779	No
38	GOM_NL__2PRFIN20101202_022249_000000503097_00075_45779_8885.N1	02-DEC-2010 02:22:49	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	45779	No
39	GOM_NL__2PRFIN20101202_022434_000000513097_00075_45779_8886.N1	02-DEC-2010 02:24:34	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	45779	No
40	GOM_NL__2PRFIN20101202_023903_000000413097_00075_45779_8887.N1	02-DEC-2010 02:39:03	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	45779	No
41	GOM_NL__2PRFIN20101202_024038_000000483097_00075_45779_8888.N1	02-DEC-2010 02:40:38	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	45779	No
42	GOM_NL__2PRFIN20101202_024220_000000393097_00075_45779_8889.N1	02-DEC-2010 02:42:20	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	45779	No







161	GOM_NL__2PRFIN20101202_110012_000000453097_00080_45784_9006.N1	02-DEC-2010 11:00:12	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	45784	No
162	GOM_NL__2PRFIN20101202_110147_000000473097_00080_45784_9007.N1	02-DEC-2010 11:01:47	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	45784	No
163	GOM_NL__2PRFIN20101202_110330_000000413097_00080_45784_9008.N1	02-DEC-2010 11:03:30	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	45784	No
164	GOM_NL__2PRFIN20101202_110905_000000393097_00080_45784_9009.N1	02-DEC-2010 11:09:05	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	45784	No
165	GOM_NL__2PRFIN20101202_111741_000000423097_00080_45784_9010.N1	02-DEC-2010 11:17:41	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	45784	No
166	GOM_NL__2PRFIN20101202_112205_000000433097_00080_45784_9011.N1	02-DEC-2010 11:22:05	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	45784	No
167	GOM_NL__2PRFIN20101202_112747_000000473097_00080_45784_9012.N1	02-DEC-2010 11:27:47	Dark	46.500	100	4Gam Crv	2.5800	13100.	93	45784	No
168	GOM_NL__2PRFIN20101202_112923_000000513097_00080_45784_9013.N1	02-DEC-2010 11:29:23	Dark	50.500	171	2Eps Crv	3.0010	4250.0	101	45784	No
169	GOM_NL__2PRFIN20101202_113849_000000453097_00081_45785_9015.N1	02-DEC-2010 11:38:49	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	45785	No
170	GOM_NL__2PRFIN20101202_114726_000000483097_00081_45785_9016.N1	02-DEC-2010 11:47:26	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	45785	No
171	GOM_NL__2PRFIN20101202_115040_000000553097_00081_45785_9017.N1	02-DEC-2010 11:50:40	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	45785	No
172	GOM_NL__2PRFIN20101202_115237_000000633097_00081_45785_9018.N1	02-DEC-2010 11:52:37	Dark	62.500	117	Pi Pup	2.7060	3800.0	125	45785	No
173	GOM_NL__2PRFIN20101202_115702_000000443097_00081_45785_9019.N1	02-DEC-2010 11:57:02	Dark	44.000	108	Alp Col	2.6520	15200.	88	45785	No
174	GOM_NL__2PRFIN20101202_120238_000000503097_00081_45785_9020.N1	02-DEC-2010 12:02:38	Straylight	50.000	101	11Alp Lep	2.5820	7000.0	100	45785	No
175	GOM_NL__2PRFIN20101202_120610_000000603097_00081_45785_9021.N1	02-DEC-2010 12:06:10	Straylight	59.500	7	19Bet Ori	0.10000	14000.	119	45785	No
176	GOM_NL__2PRFIN20101202_120919_000000593097_00081_45785_9022.N1	02-DEC-2010 12:09:19	Twi_and_stray	58.500	72	34Del Ori	2.2500	30000.	117	45785	No
177	GOM_NL__2PRFIN20101202_121143_000000593097_00081_45785_9023.N1	02-DEC-2010 12:11:43	Twi_and_stray	58.500	27	24Gam Ori	1.6360	26000.	117	45785	No
178	GOM_NL__2PRFIN20101202_121403_000000543097_00081_45785_9024.N1	02-DEC-2010 12:14:03	Bright	54.000	13	87Alp Tau	0.86700	3800.0	108	45785	No
179	GOM_NL__2PRFIN20101202_121543_000000453097_00081_45785_9025.N1	02-DEC-2010 12:15:43	Bright	44.500	146	25Eta Tau	2.8730	15200.	89	45785	No
180	GOM_NL__2PRFIN20101202_121803_000000383097_00081_45785_9026.N1	02-DEC-2010 12:18:03	Bright	38.000	150	44Zet Per	2.8900	28000.	76	45785	No
181	GOM_NL__2PRFIN20101202_122028_000000383097_00081_45785_9027.N1	02-DEC-2010 12:20:28	Bright	38.000	149	45Eps Per	2.8880	30000.	76	45785	No
182	GOM_NL__2PRFIN20101202_122230_000000383097_00081_45785_9028.N1	02-DEC-2010 12:22:30	Bright	37.500	175	39Del Per	3.0100	19400.	75	45785	No
183	GOM_NL__2PRFIN20101202_122410_000000503097_00081_45785_9029.N1	02-DEC-2010 12:24:10	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	45785	No
184	GOM_NL__2PRFIN20101202_122552_000000503097_00081_45785_9030.N1	02-DEC-2010 12:25:52	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	45785	No
185	GOM_NL__2PRFIN20101202_124025_000000453097_00081_45785_9031.N1	02-DEC-2010 12:40:25	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	45785	No
186	GOM_NL__2PRFIN20101202_124200_000000473097_00081_45785_9032.N1	02-DEC-2010 12:42:00	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	45785	No
187	GOM_NL__2PRFIN20101202_124344_000000383097_00081_45785_9033.N1	02-DEC-2010 12:43:44	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	45785	No
188	GOM_NL__2PRFIN20101202_124919_000000413097_00081_45785_9034.N1	02-DEC-2010 12:49:19	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	45785	No
189	GOM_NL__2PRFIN20101202_125756_000000413097_00081_45785_9035.N1	02-DEC-2010 12:57:56	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	45785	No
190	GOM_NL__2PRFIN20101202_130219_000000473097_00081_45785_9036.N1	02-DEC-2010 13:02:19	Bright	46.500	121	29Gam Vir	2.7400	7200.0	93	45785	No
191	GOM_NL__2PRFIN20101202_130802_000000483097_00081_45785_9037.N1	02-DEC-2010 13:08:02	Dark	48.000	100	4Gam Crv	2.5800	13100.	96	45785	No
192	GOM_NL__2PRFIN20101202_130938_000000483097_00081_45785_9038.N1	02-DEC-2010 13:09:38	Dark	48.000	171	2Eps Crv	3.0010	4250.0	96	45785	No
193	GOM_NL__2PRFIN20101202_131904_000000443097_00082_45786_9040.N1	02-DEC-2010 13:19:04	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	45786	No
194	GOM_NL__2PRFIN20101202_132740_000000473097_00082_45786_9041.N1	02-DEC-2010 13:27:40	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	45786	No
195	GOM_NL__2PRFIN20101202_133055_000000553097_00082_45786_9042.N1	02-DEC-2010 13:30:55	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	45786	No
196	GOM_NL__2PRFIN20101202_133251_000000553097_00082_45786_9043.N1	02-DEC-2010 13:32:51	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	45786	No
197	GOM_NL__2PRFIN20101202_133716_000000483097_00082_45786_9044.N1	02-DEC-2010 13:37:16	Dark	48.000	108	Alp Col	2.6520	15200.	96	45786	No
198	GOM_NL__2PRFIN20101202_134252_000000543097_00082_45786_9045.N1	02-DEC-2010 13:42:52	Straylight	53.500	101	11Alp Lep	2.5820	7000.0	107	45786	No
199	GOM_NL__2PRFIN20101202_134624_000000573097_00082_45786_9046.N1	02-DEC-2010 13:46:24	Straylight	56.500	7	19Bet Ori	0.10000	14000.	113	45786	No
200	GOM_NL__2PRFIN20101202_134917_000000273097_00082_45786_9047.N1	02-DEC-2010 13:49:17	Twi_and_stray	27.000	30	46Eps Ori	1.6940	30000.	54	45786	No
201	GOM_NL__2PRFIN20101202_135157_000000603097_00082_45786_9048.N1	02-DEC-2010 13:51:57	Twi_and_stray	59.500	27	24Gam Ori	1.6360	26000.	119	45786	No
202	GOM_NL__2PRFIN20101202_135417_000000623097_00082_45786_9049.N1	02-DEC-2010 13:54:17	Bright	62.000	13	87Alp Tau	0.86700	3800.0	124	45786	No
203	GOM_NL__2PRFIN20101202_135557_000000393097_00082_45786_9050.N1	02-DEC-2010 13:55:57	Bright	38.500	146	25Eta Tau	2.8730	15200.	77	45786	No
204	GOM_NL__2PRFIN20101202_135817_000000383097_00082_45786_9051.N1	02-DEC-2010 13:58:17	Bright	38.000	150	44Zet Per	2.8900	28000.	76	45786	No
205	GOM_NL__2PRFIN20101202_140042_000000373097_00082_45786_9052.N1	02-DEC-2010 14:00:42	Bright	37.000	149	45Eps Per	2.8880	30000.	74	45786	No
206	GOM_NL__2PRFIN20101202_140244_000000363097_00082_45786_9053.N1	02-DEC-2010 14:02:44	Bright	36.000	175	39Del Per	3.0100	19400.	72	45786	No
207	GOM_NL__2PRFIN20101202_140423_000000523097_00082_45786_9054.N1	02-DEC-2010 14:04:23	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	45786	No
208	GOM_NL__2PRFIN20101202_140605_000000513097_00082_45786_9055.N1	02-DEC-2010 14:06:05	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	45786	No
209	GOM_NL__2PRFIN20101202_142039_000000453097_00082_45786_9056.N1	02-DEC-2010 14:20:39	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	45786	No
210	GOM_NL__2PRFIN20101202_142214_000000473097_00082_45786_9057.N1	02-DEC-2010 14:22:14	Bright	46.500	82	48Bet UMa	2.3650	10600.	93	45786	No
211	GOM_NL__2PRFIN20101202_142358_000000403097_00082_45786_9058.N1	02-DEC-2010 14:23:58	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	45786	No
212	GOM_NL__2PRFIN20101202_142933_000000403097_00082_45786_9059.N1	02-DEC-2010 14:29:33	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	45786	No
213	GOM_NL__2PRFIN20101202_143810_000000443097_00082_45786_9060.N1	02-DEC-2010 14:38:10	Bright	43.500	138	47Eps Vir	2.8280	4700.0	87	45786	No
214	GOM_NL__2PRFIN20101202_144234_000000463097_00082_45786_9061.N1	02-DEC-2010 14:42:34	Bright	46.000	121	29Gam Vir	2.7400	7200.0	92	45786	No
215	GOM_NL__2PRFIN20101202_144817_000000483097_00082_45786_9062.N1	02-DEC-2010 14:48:17	Dark	48.000	100	4Gam Crv	2.5800	13100.	96	45786	No
216	GOM_NL__2PRFIN20101202_144953_000000533097_00082_45786_9063.N1	02-DEC-2010 14:49:53	Dark	53.000	171	2Eps Crv	3.0010	4250.0	106	45786	No
217	GOM_NL__2PRFIN20101202_145918_000000443097_00083_45787_9069.N1	02-DEC-2010 14:59:18	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	45787	No
218	GOM_NL__2PRFIN20101202_150755_000000493097_00083_45787_9070.N1	02-DEC-2010 15:07:55	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	45787	No
219	GOM_NL__2PRFIN20101202_151109_000000583097_00083_45787_9071.N1	02-DEC-2010 15:11:09	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	45787	No

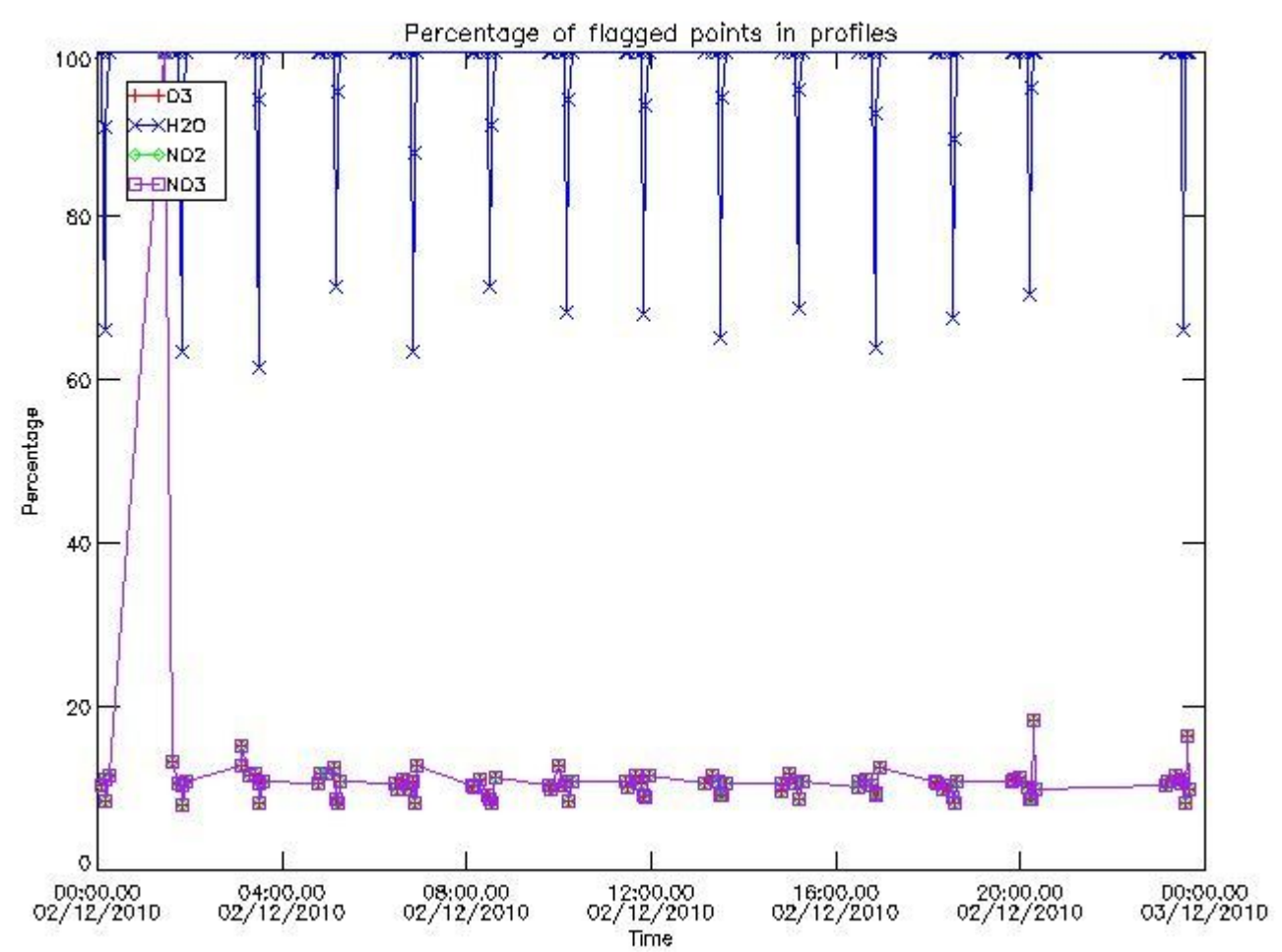
220	GOM_NL__2PRFIN20101202_151306_000000653097_00083_45787_9072.N1	02-DEC-2010 15:13:06	Dark	64.500	117	Pi Pup	2.7060	3800.0	129	45787	No
221	GOM_NL__2PRFIN20101202_151730_000000463097_00083_45787_9073.N1	02-DEC-2010 15:17:30	Dark	46.000	108	Alp Col	2.6520	15200.	92	45787	No
222	GOM_NL__2PRFIN20101202_152306_000000553097_00083_45787_9074.N1	02-DEC-2010 15:23:06	Straylight	55.000	101	11Alp Lep	2.5820	7000.0	110	45787	No
223	GOM_NL__2PRFIN20101202_152637_000000613097_00083_45787_9075.N1	02-DEC-2010 15:26:37	Straylight	61.000	7	19Bet Ori	0.10000	14000.	122	45787	No
224	GOM_NL__2PRFIN20101202_152930_000000273097_00083_45787_9076.N1	02-DEC-2010 15:29:30	Tw_i_and_stray	27.000	30	46Eps Ori	1.6940	30000.	54	45787	No
225	GOM_NL__2PRFIN20101202_153210_000000593097_00083_45787_9077.N1	02-DEC-2010 15:32:10	Tw_i_and_stray	58.500	27	24Gam Ori	1.6360	26000.	117	45787	No
226	GOM_NL__2PRFIN20101202_153430_000000533097_00083_45787_9078.N1	02-DEC-2010 15:34:30	Bright	53.000	13	87Alp Tau	0.86700	3800.0	106	45787	No
227	GOM_NL__2PRFIN20101202_153611_000000393097_00083_45787_9079.N1	02-DEC-2010 15:36:11	Bright	39.000	146	25Eta Tau	2.8730	15200.	78	45787	No
228	GOM_NL__2PRFIN20101202_153831_000000403097_00083_45787_9080.N1	02-DEC-2010 15:38:31	Bright	39.500	150	44Zet Per	2.8900	28000.	79	45787	No
229	GOM_NL__2PRFIN20101202_154055_000000383097_00083_45787_9081.N1	02-DEC-2010 15:40:55	Bright	37.500	149	45Eps Per	2.8880	30000.	75	45787	No
230	GOM_NL__2PRFIN20101202_154258_000000363097_00083_45787_9082.N1	02-DEC-2010 15:42:58	Bright	36.000	175	39Del Per	3.0100	19400.	72	45787	No
231	GOM_NL__2PRFIN20101202_154437_000000483097_00083_45787_9083.N1	02-DEC-2010 15:44:37	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	45787	No
232	GOM_NL__2PRFIN20101202_154618_000000513097_00083_45787_9084.N1	02-DEC-2010 15:46:18	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	45787	No
233	GOM_NL__2PRFIN20101202_160053_000000463097_00083_45787_9085.N1	02-DEC-2010 16:00:53	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	45787	No
234	GOM_NL__2PRFIN20101202_160227_000000483097_00083_45787_9086.N1	02-DEC-2010 16:02:27	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	45787	No
235	GOM_NL__2PRFIN20101202_160412_000000413097_00083_45787_9087.N1	02-DEC-2010 16:04:12	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	45787	No
236	GOM_NL__2PRFIN20101202_160947_000000393097_00083_45787_9088.N1	02-DEC-2010 16:09:47	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	45787	No
237	GOM_NL__2PRFIN20101202_161824_000000413097_00083_45787_9089.N1	02-DEC-2010 16:18:24	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	45787	No
238	GOM_NL__2PRFIN20101202_162248_000000463097_00083_45787_9090.N1	02-DEC-2010 16:22:48	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	45787	No
239	GOM_NL__2PRFIN20101202_162832_000000503097_00083_45787_9091.N1	02-DEC-2010 16:28:32	Dark	50.000	100	4Gam Crv	2.5800	13100.	100	45787	No
240	GOM_NL__2PRFIN20101202_163008_000000523097_00083_45787_9092.N1	02-DEC-2010 16:30:08	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	45787	No
241	GOM_NL__2PRFIN20101202_163933_000000463097_00084_45788_9115.N1	02-DEC-2010 16:39:33	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	45788	No
242	GOM_NL__2PRFIN20101202_164810_000000493097_00084_45788_9116.N1	02-DEC-2010 16:48:10	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	45788	No
243	GOM_NL__2PRFIN20101202_165124_000000553097_00084_45788_9117.N1	02-DEC-2010 16:51:24	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	45788	No
244	GOM_NL__2PRFIN20101202_165321_000000613097_00084_45788_9118.N1	02-DEC-2010 16:53:21	Dark	60.500	117	Pi Pup	2.7060	3800.0	121	45788	No
245	GOM_NL__2PRFIN20101202_165745_000000443097_00084_45788_9119.N1	02-DEC-2010 16:57:45	Dark	44.000	108	Alp Col	2.6520	15200.	88	45788	No
246	GOM_NL__2PRFIN20101202_170320_000000533097_00084_45788_9120.N1	02-DEC-2010 17:03:20	Straylight	53.000	101	11Alp Lep	2.5820	7000.0	106	45788	No
247	GOM_NL__2PRFIN20101202_170652_000000583097_00084_45788_9121.N1	02-DEC-2010 17:06:52	Straylight	58.000	7	19Bet Ori	0.10000	14000.	116	45788	No
248	GOM_NL__2PRFIN20101202_170944_000000343097_00084_45788_9122.N1	02-DEC-2010 17:09:44	Tw_i_and_stray	34.000	30	46Eps Ori	1.6940	30000.	68	45788	No
249	GOM_NL__2PRFIN20101202_171224_000000613097_00084_45788_9123.N1	02-DEC-2010 17:12:24	Tw_i_and_stray	60.500	27	24Gam Ori	1.6360	26000.	121	45788	No
250	GOM_NL__2PRFIN20101202_171444_000000623097_00084_45788_9124.N1	02-DEC-2010 17:14:44	Bright	62.000	13	87Alp Tau	0.86700	3800.0	124	45788	No
251	GOM_NL__2PRFIN20101202_171625_000000393097_00084_45788_9125.N1	02-DEC-2010 17:16:25	Bright	39.000	146	25Eta Tau	2.8730	15200.	78	45788	No
252	GOM_NL__2PRFIN20101202_171845_000000383097_00084_45788_9126.N1	02-DEC-2010 17:18:45	Bright	38.000	150	44Zet Per	2.8900	28000.	76	45788	No
253	GOM_NL__2PRFIN20101202_172109_000000373097_00084_45788_9127.N1	02-DEC-2010 17:21:09	Bright	37.000	149	45Eps Per	2.8880	30000.	74	45788	No
254	GOM_NL__2PRFIN20101202_172312_000000363097_00084_45788_9128.N1	02-DEC-2010 17:23:12	Bright	36.000	175	39Del Per	3.0100	19400.	72	45788	No
255	GOM_NL__2PRFIN20101202_172450_000000503097_00084_45788_9129.N1	02-DEC-2010 17:24:50	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	45788	No
256	GOM_NL__2PRFIN20101202_172632_000000493097_00084_45788_9130.N1	02-DEC-2010 17:26:32	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	45788	No
257	GOM_NL__2PRFIN20101202_174106_000000483097_00084_45788_9131.N1	02-DEC-2010 17:41:06	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	45788	No
258	GOM_NL__2PRFIN20101202_174241_000000463097_00084_45788_9132.N1	02-DEC-2010 17:42:41	Bright	46.000	82	48Bet UMa	2.3650	10600.	92	45788	No
259	GOM_NL__2PRFIN20101202_174426_000000413097_00084_45788_9133.N1	02-DEC-2010 17:44:26	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	45788	No
260	GOM_NL__2PRFIN20101202_175001_000000413097_00084_45788_9134.N1	02-DEC-2010 17:50:01	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	45788	No
261	GOM_NL__2PRFIN20101202_175839_000000453097_00084_45788_9135.N1	02-DEC-2010 17:58:39	Bright	45.000	138	47Eps Vir	2.8280	4700.0	90	45788	No
262	GOM_NL__2PRFIN20101202_180303_000000483097_00084_45788_9136.N1	02-DEC-2010 18:03:03	Bright	47.500	121	29Gam Vir	2.7400	7200.0	95	45788	No
263	GOM_NL__2PRFIN20101202_180847_000000483097_00084_45788_9137.N1	02-DEC-2010 18:08:47	Dark	47.500	100	4Gam Crv	2.5800	13100.	95	45788	No
264	GOM_NL__2PRFIN20101202_181022_000000483097_00084_45788_9138.N1	02-DEC-2010 18:10:22	Dark	48.000	171	2Eps Crv	3.0010	4250.0	96	45788	No
265	GOM_NL__2PRFIN20101202_181948_000000523097_00085_45789_9128.N1	02-DEC-2010 18:19:48	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	45789	No
266	GOM_NL__2PRFIN20101202_182825_000000493097_00085_45789_9129.N1	02-DEC-2010 18:28:25	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	45789	No
267	GOM_NL__2PRFIN20101202_183138_000000583097_00085_45789_9130.N1	02-DEC-2010 18:31:38	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	45789	No
268	GOM_NL__2PRFIN20101202_183336_000000613097_00085_45789_9131.N1	02-DEC-2010 18:33:36	Dark	61.000	117	Pi Pup	2.7060	3800.0	122	45789	No
269	GOM_NL__2PRFIN20101202_183800_000000473097_00085_45789_9132.N1	02-DEC-2010 18:38:00	Dark	47.000	108	Alp Col	2.6520	15200.	94	45789	No
270	GOM_NL__2PRFIN20101202_184335_000000523097_00085_45789_9133.N1	02-DEC-2010 18:43:35	Straylight	52.000	101	11Alp Lep	2.5820	7000.0	104	45789	No
271	GOM_NL__2PRFIN20101202_184706_000000633097_00085_45789_9134.N1	02-DEC-2010 18:47:06	Straylight	62.500	7	19Bet Ori	0.10000	14000.	125	45789	No
272	GOM_NL__2PRFIN20101202_184958_000000343097_00085_45789_9135.N1	02-DEC-2010 18:49:58	Tw_i_and_stray	34.000	30	46Eps Ori	1.6940	30000.	68	45789	No
273	GOM_NL__2PRFIN20101202_185237_000000613097_00085_45789_9136.N1	02-DEC-2010 18:52:37	Tw_i_and_stray	61.000	27	24Gam Ori	1.6360	26000.	122	45789	No
274	GOM_NL__2PRFIN20101202_185458_000000553097_00085_45789_9137.N1	02-DEC-2010 18:54:58	Bright	54.500	13	87Alp Tau	0.86700	3800.0	109	45789	No
275	GOM_NL__2PRFIN20101202_185639_000000383097_00085_45789_9138.N1	02-DEC-2010 18:56:39	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	45789	No
276	GOM_NL__2PRFIN20101202_185859_000000393097_00085_45789_9139.N1	02-DEC-2010 18:58:59	Bright	39.000	150	44Zet Per	2.8900	28000.	78	45789	No
277	GOM_NL__2PRFIN20101202_190123_000000383097_00085_45789_9140.N1	02-DEC-2010 19:01:23	Bright	37.500	149	45Eps Per	2.8880	30000.	75	45789	No
278	GOM_NL__2PRFIN20101202_190326_000000383097_00085_45789_9141.N1	02-DEC-2010 19:03:26	Bright	37.500	175	39Del Per	3.0100	19400.	75	45789	No

279	GOM_NL__2PRFIN20101202_190504_000000533097_00085_45789_9142.N1	02-DEC-2010 19:05:04	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	45789	No
280	GOM_NL__2PRFIN20101202_190645_000000523097_00085_45789_9143.N1	02-DEC-2010 19:06:45	Bright	52.000	42	34Bet Aur	1.9000	10200.	104	45789	No
281	GOM_NL__2PRFIN20101202_192120_000000453097_00085_45789_9144.N1	02-DEC-2010 19:21:20	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	45789	No
282	GOM_NL__2PRFIN20101202_192255_000000483097_00085_45789_9145.N1	02-DEC-2010 19:22:55	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	45789	No
283	GOM_NL__2PRFIN20101202_192440_000000393097_00085_45789_9146.N1	02-DEC-2010 19:24:40	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	45789	No
284	GOM_NL__2PRFIN20101202_193015_000000393097_00085_45789_9147.N1	02-DEC-2010 19:30:15	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	45789	No
285	GOM_NL__2PRFIN20101202_193854_000000413097_00085_45789_9148.N1	02-DEC-2010 19:38:54	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	45789	No
286	GOM_NL__2PRFIN20101202_194318_000000443097_00085_45789_9149.N1	02-DEC-2010 19:43:18	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	45789	No
287	GOM_NL__2PRFIN20101202_194902_000000473097_00085_45789_9150.N1	02-DEC-2010 19:49:02	Dark	47.000	100	4Gam Crv	2.5800	13100.	94	45789	No
288	GOM_NL__2PRFIN20101202_195038_000000463097_00085_45789_9151.N1	02-DEC-2010 19:50:38	Dark	46.000	171	2Eps Crv	3.0010	4250.0	92	45789	No
289	GOM_NL__2PRFIN20101202_200003_000000453097_00086_45790_9155.N1	02-DEC-2010 20:00:03	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	45790	No
290	GOM_NL__2PRFIN20101202_200840_000000513097_00086_45790_9156.N1	02-DEC-2010 20:08:40	Dark	50.500	34	Gam2Vel	1.7930	23000.	101	45790	No
291	GOM_NL__2PRFIN20101202_201153_000000583097_00086_45790_9157.N1	02-DEC-2010 20:11:53	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	45790	No
292	GOM_NL__2PRFIN20101202_201351_000000603097_00086_45790_9158.N1	02-DEC-2010 20:13:51	Dark	59.500	117	Pi Pup	2.7060	3800.0	119	45790	No
293	GOM_NL__2PRFIN20101202_201734_000000283097_00086_45790_9159.N1	02-DEC-2010 20:17:34	Dark	28.000	23	21Eps CMa	1.5020	26000.	56	45790	No
294	GOM_NL__2PRFIN20101202_201828_000000523097_00086_45790_9160.N1	02-DEC-2010 20:18:28	Dark	51.500	177	1Zet CMa	3.0220	26000.	103	45790	No
295	GOM_NL__2PRFIN20101202_202349_000000513097_00086_45790_9161.N1	02-DEC-2010 20:23:49	Straylight	51.000	101	11Alp Lep	2.5820	7000.0	102	45790	No
296	GOM_NL__2PRFIN20101202_202719_000000583097_00086_45790_9162.N1	02-DEC-2010 20:27:19	Straylight	57.500	7	19Bet Ori	0.10000	14000.	115	45790	No
297	GOM_NL__2PRFIN20101202_203012_000000413097_00086_45790_9163.N1	02-DEC-2010 20:30:12	Tw_i_and_stray	41.000	30	46Eps Ori	1.6940	30000.	82	45790	No
298	GOM_NL__2PRFIN20101202_203251_000000593097_00086_45790_9164.N1	02-DEC-2010 20:32:51	Tw_i_and_stray	59.000	27	24Gam Ori	1.6360	26000.	118	45790	No
299	GOM_NL__2PRFIN20101202_203511_000000623097_00086_45790_9165.N1	02-DEC-2010 20:35:11	Bright	62.000	13	87Alp Tau	0.86700	3800.0	124	45790	No
300	GOM_NL__2PRFIN20101202_203653_000000393097_00086_45790_9166.N1	02-DEC-2010 20:36:53	Bright	38.500	146	25Eta Tau	2.8730	15200.	77	45790	No
301	GOM_NL__2PRFIN20101202_203913_000000383097_00086_45790_9167.N1	02-DEC-2010 20:39:13	Bright	38.000	150	44Zet Per	2.8900	28000.	76	45790	No
302	GOM_NL__2PRFIN20101202_204137_000000383097_00086_45790_9168.N1	02-DEC-2010 20:41:37	Bright	37.500	149	45Eps Per	2.8880	30000.	75	45790	No
303	GOM_NL__2PRFIN20101202_204340_000000353097_00086_45790_9169.N1	02-DEC-2010 20:43:40	Bright	35.000	175	39Del Per	3.0100	19400.	70	45790	No
304	GOM_NL__2PRFIN20101202_204517_000000493097_00086_45790_9170.N1	02-DEC-2010 20:45:17	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	45790	No
305	GOM_NL__2PRFIN20101202_204658_000000513097_00086_45790_9171.N1	02-DEC-2010 20:46:58	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	45790	No
306	GOM_NL__2PRFIN20101202_210134_000000463097_00086_45790_9172.N1	02-DEC-2010 21:01:34	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	45790	No
307	GOM_NL__2PRFIN20101202_210308_000000473097_00086_45790_9173.N1	02-DEC-2010 21:03:08	Bright	46.500	82	48Bet UMa	2.3650	10600.	93	45790	No
308	GOM_NL__2PRFIN20101202_210453_000000413097_00086_45790_9174.N1	02-DEC-2010 21:04:53	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	45790	No
309	GOM_NL__2PRFIN20101202_211029_000000413097_00086_45790_9175.N1	02-DEC-2010 21:10:29	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	45790	No
310	GOM_NL__2PRFIN20101202_211908_000000413097_00086_45790_9176.N1	02-DEC-2010 21:19:08	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	45790	No
311	GOM_NL__2PRFIN20101202_212333_000000443097_00086_45790_9177.N1	02-DEC-2010 21:23:33	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	45790	No
312	GOM_NL__2PRFIN20101202_230932_000000493097_00087_45791_9185.N1	02-DEC-2010 23:09:32	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	45791	No
313	GOM_NL__2PRFIN20101202_231107_000000483097_00087_45791_9186.N1	02-DEC-2010 23:11:07	Dark	47.500	171	2Eps Crv	3.0010	4250.0	95	45791	No
314	GOM_NL__2PRFIN20101202_232033_000000453097_00088_45792_9195.N1	02-DEC-2010 23:20:33	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	45792	No
315	GOM_NL__2PRFIN20101202_232910_000000483097_00088_45792_9196.N1	02-DEC-2010 23:29:10	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	45792	No
316	GOM_NL__2PRFIN20101202_233222_000000463097_00088_45792_9197.N1	02-DEC-2010 23:32:22	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	45792	No
317	GOM_NL__2PRFIN20101202_233421_000000633097_00088_45792_9198.N1	02-DEC-2010 23:34:21	Dark	62.500	117	Pi Pup	2.7060	3800.0	125	45792	No
318	GOM_NL__2PRFIN20101202_233803_000000313097_00088_45792_9199.N1	02-DEC-2010 23:38:03	Dark	31.000	23	21Eps CMa	1.5020	26000.	62	45792	No
319	GOM_NL__2PRFIN20101202_233857_000000513097_00088_45792_9200.N1	02-DEC-2010 23:38:57	Dark	51.000	177	1Zet CMa	3.0220	26000.	102	45792	No
320	GOM_NL__2PRFIN20101202_234417_000000533097_00088_45792_9201.N1	02-DEC-2010 23:44:17	Straylight	53.000	101	11Alp Lep	2.5820	7000.0	106	45792	No
321	GOM_NL__2PRFIN20101202_234747_000000603097_00088_45792_9202.N1	02-DEC-2010 23:47:47	Straylight	60.000	7	19Bet Ori	0.10000	14000.	120	45792	No
322	GOM_NL__2PRFIN20101202_235039_000000473097_00088_45792_9203.N1	02-DEC-2010 23:50:39	Tw_i_and_stray	47.000	30	46Eps Ori	1.6940	30000.	94	45792	No
323	GOM_NL__2PRFIN20101202_235318_000000633097_00088_45792_9204.N1	02-DEC-2010 23:53:18	Tw_i_and_stray	62.500	27	24Gam Ori	1.6360	26000.	125	45792	No
324	GOM_NL__2PRFIN20101202_235539_000000613097_00088_45792_9205.N1	02-DEC-2010 23:55:39	Bright	61.000	13	87Alp Tau	0.86700	3800.0	122	45792	No
325	GOM_NL__2PRFIN20101202_235721_000000393097_00088_45792_9206.N1	02-DEC-2010 23:57:21	Bright	39.000	146	25Eta Tau	2.8730	15200.	78	45792	No
326	GOM_NL__2PRFIN20101202_235940_000000393097_00088_45792_9207.N1	02-DEC-2010 23:59:40	Bright	38.500	150	44Zet Per	2.8900	28000.	77	45792	No

### 3. Quality information per product

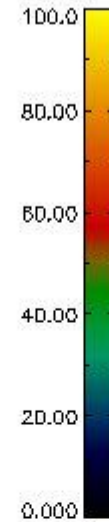
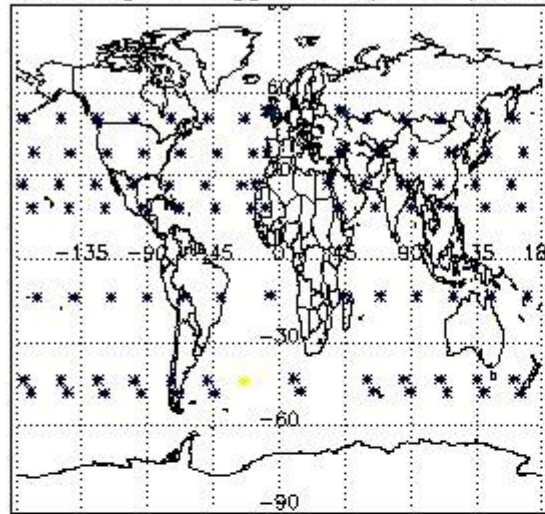
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)

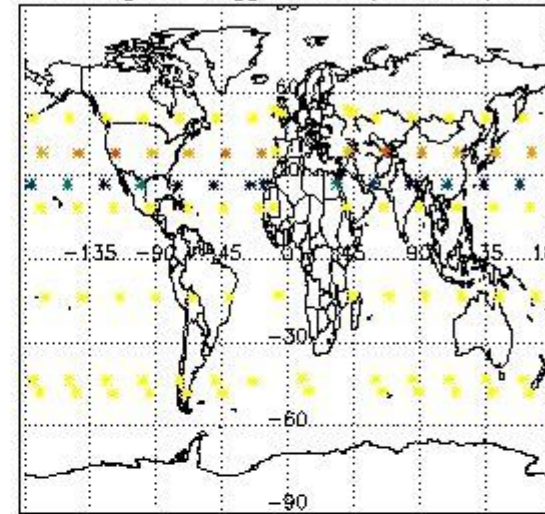


3.2 Plot quality information per product (world map)

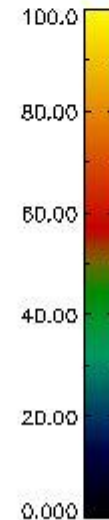
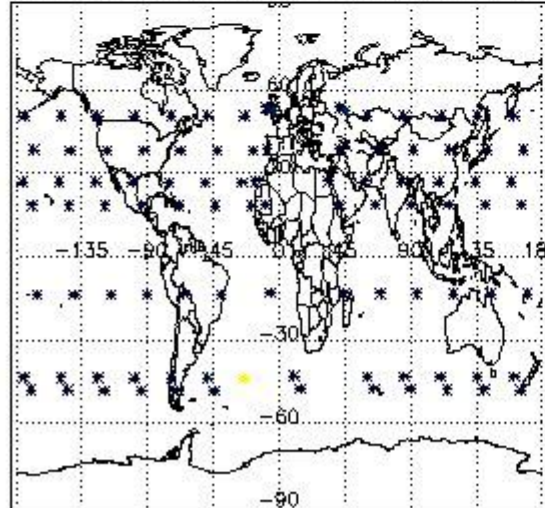
Percentage of flagged data per O3 profile



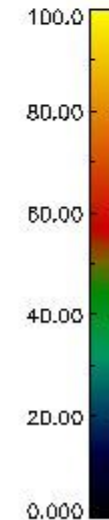
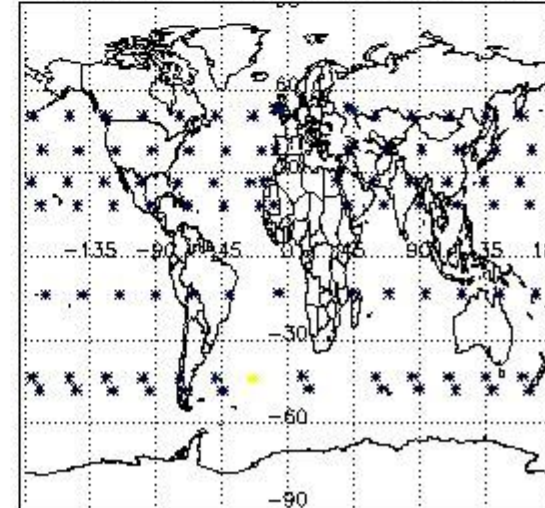
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

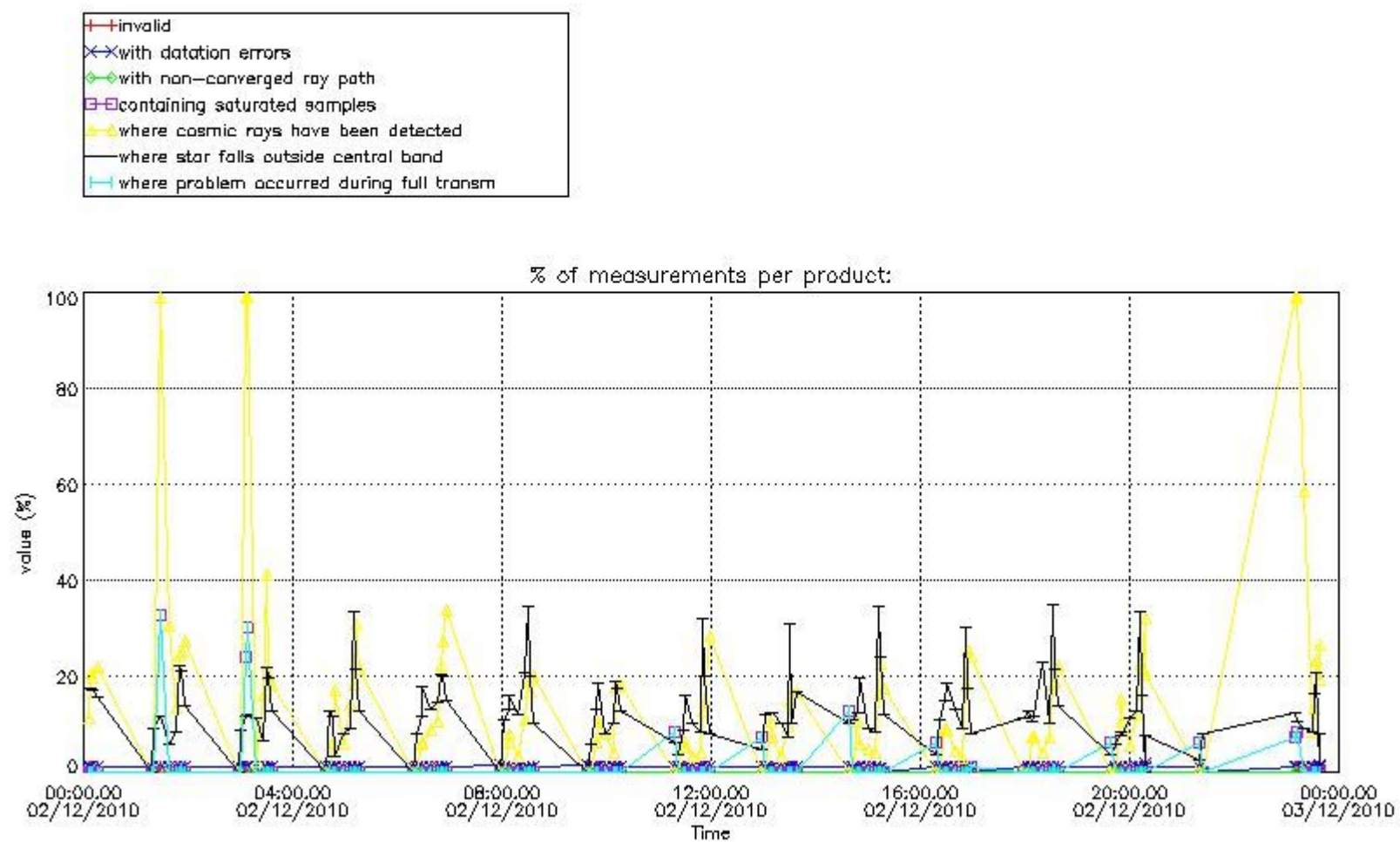


#### 4. Level 1 quality information per product

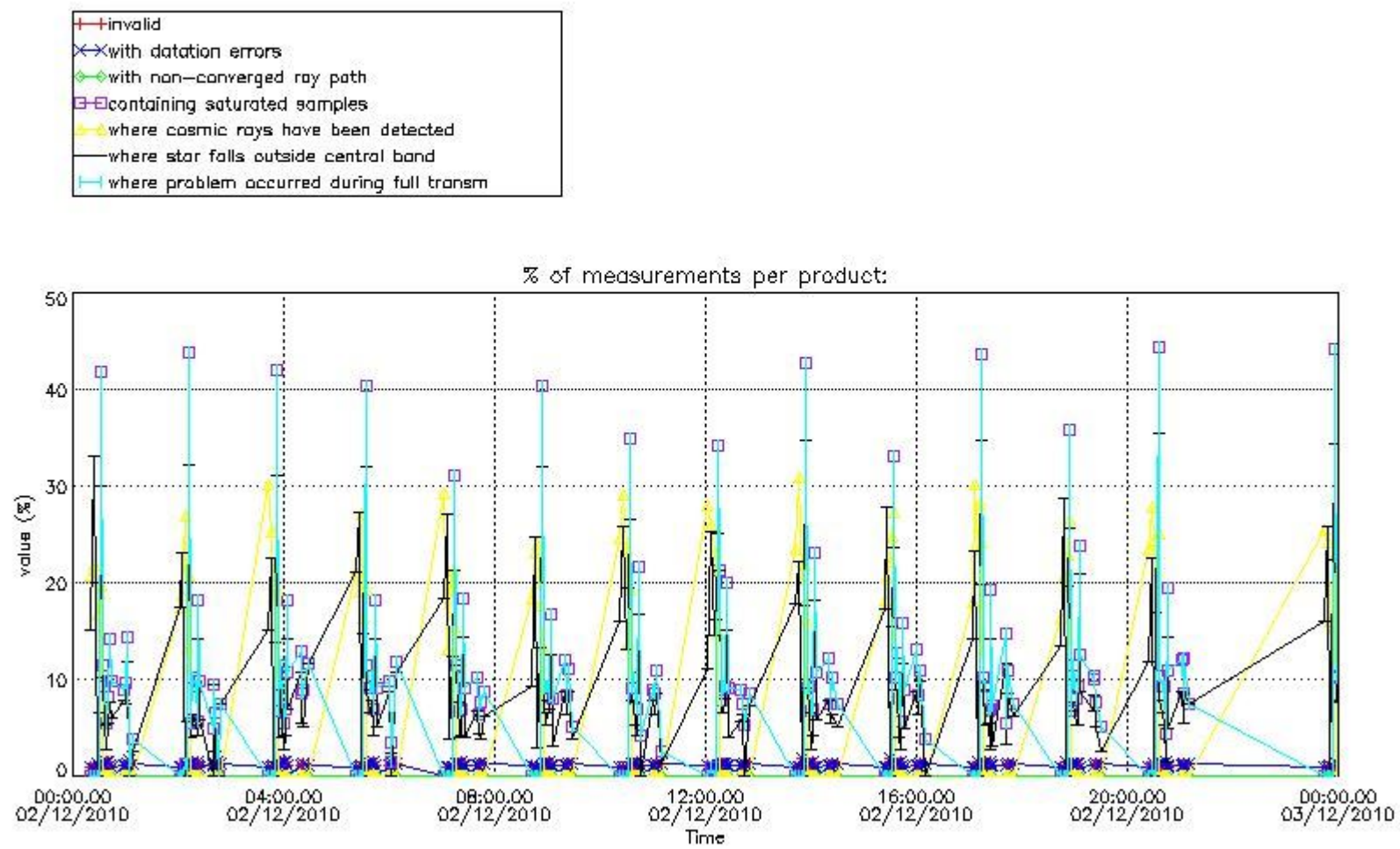
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



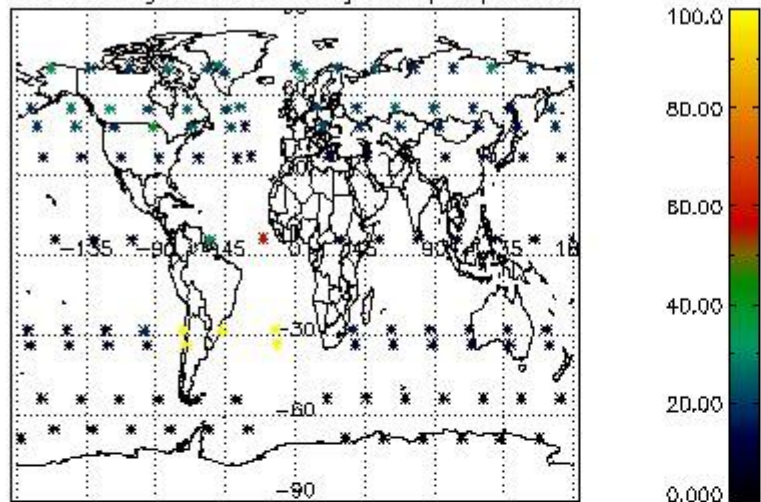
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



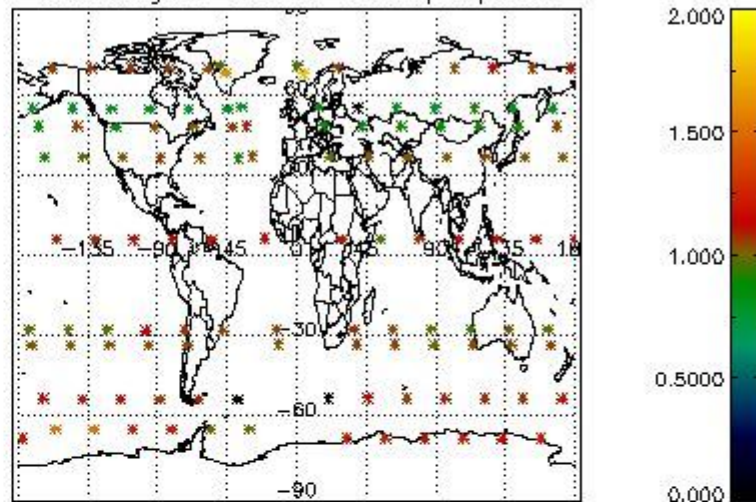
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

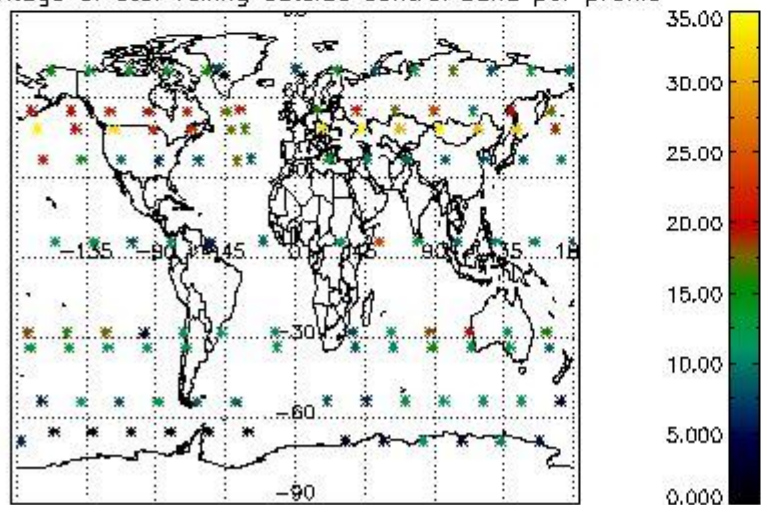
Percentage of cosmic ray hits per profile



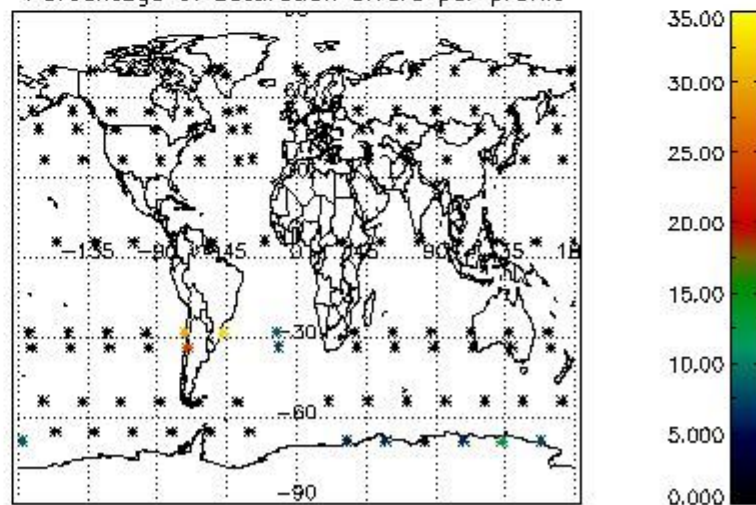
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

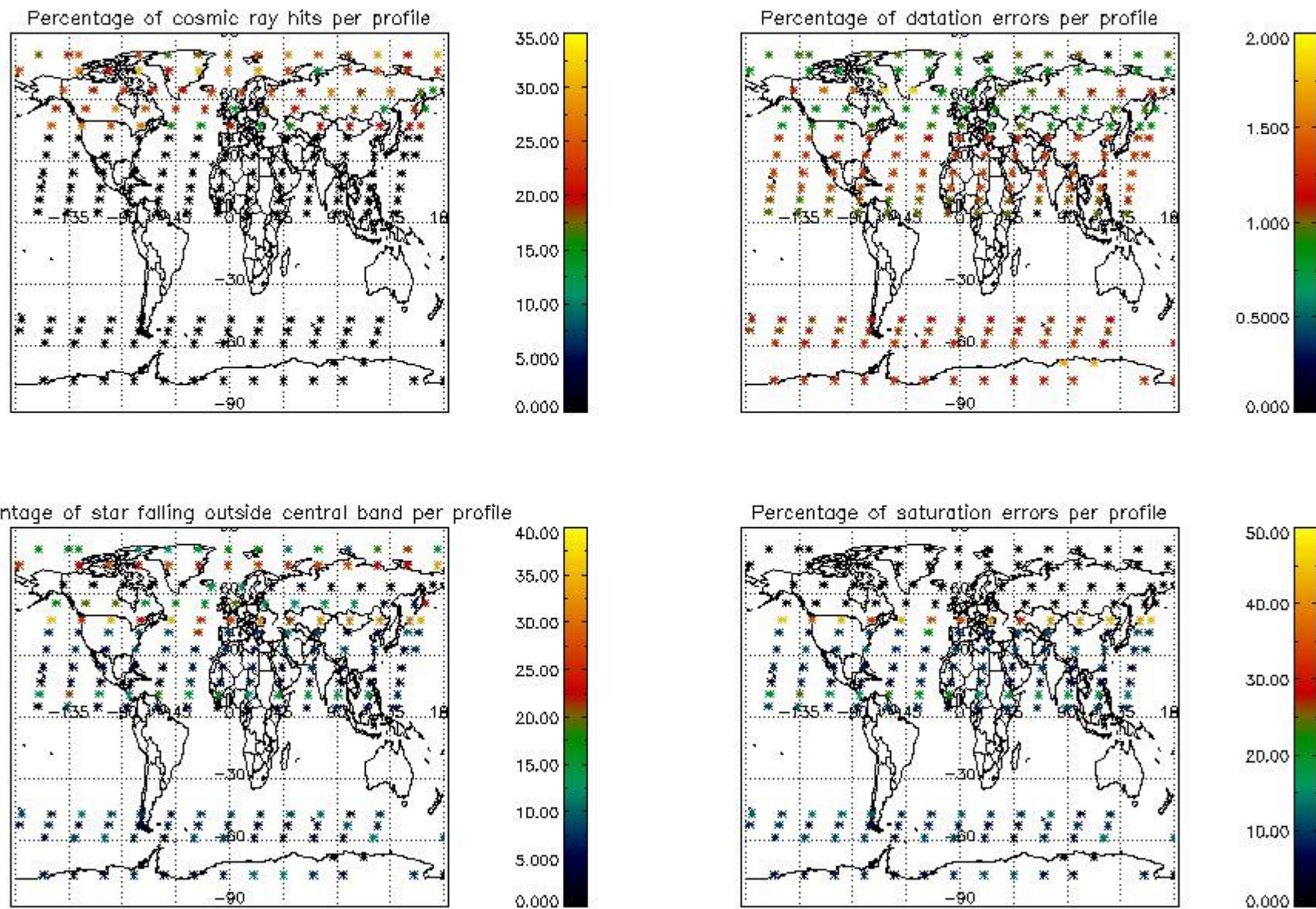


Percentage of saturation errors per profile



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

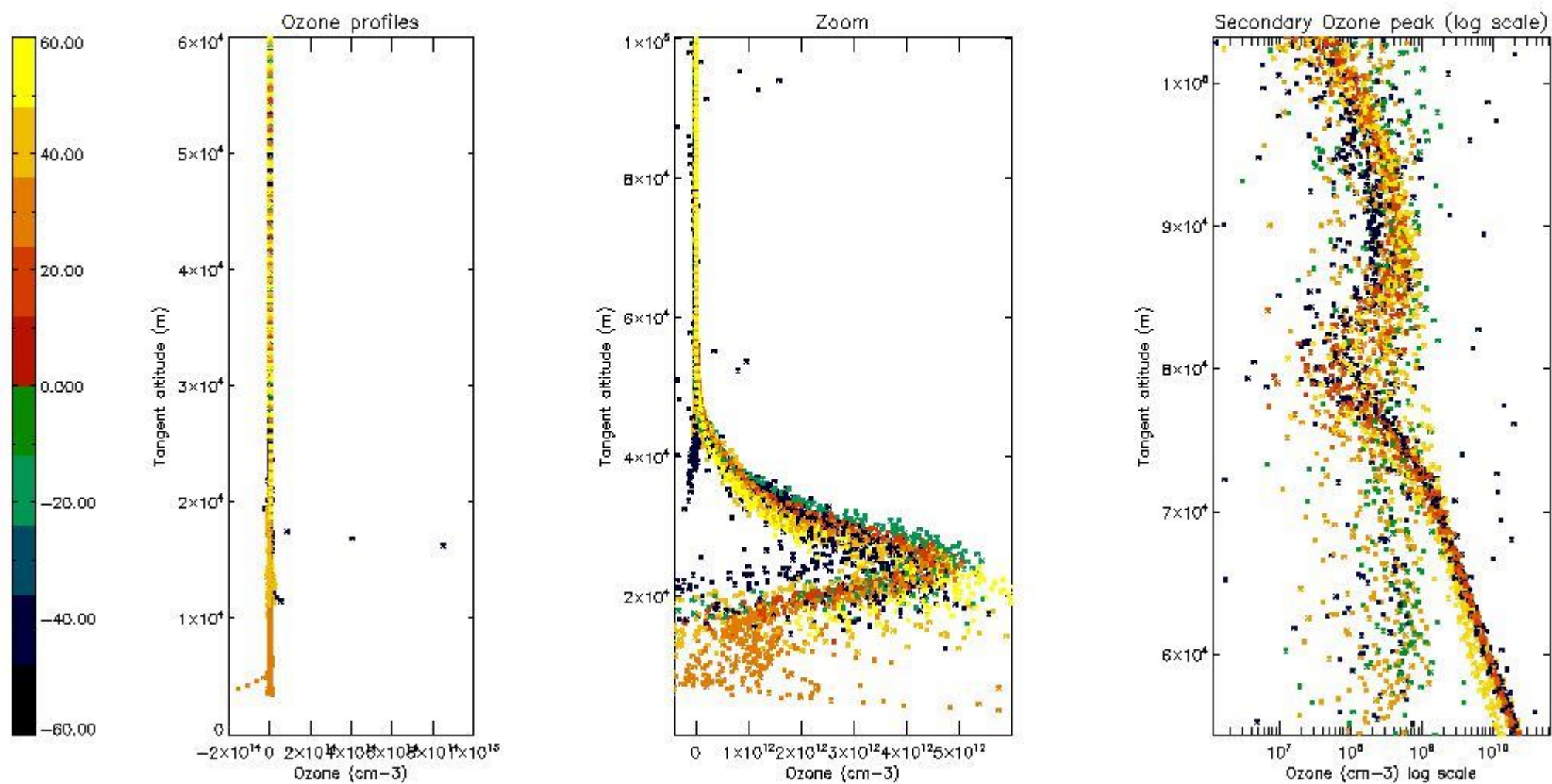
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	32
STD < 20	15

STD < 10	11
STD < 5	7

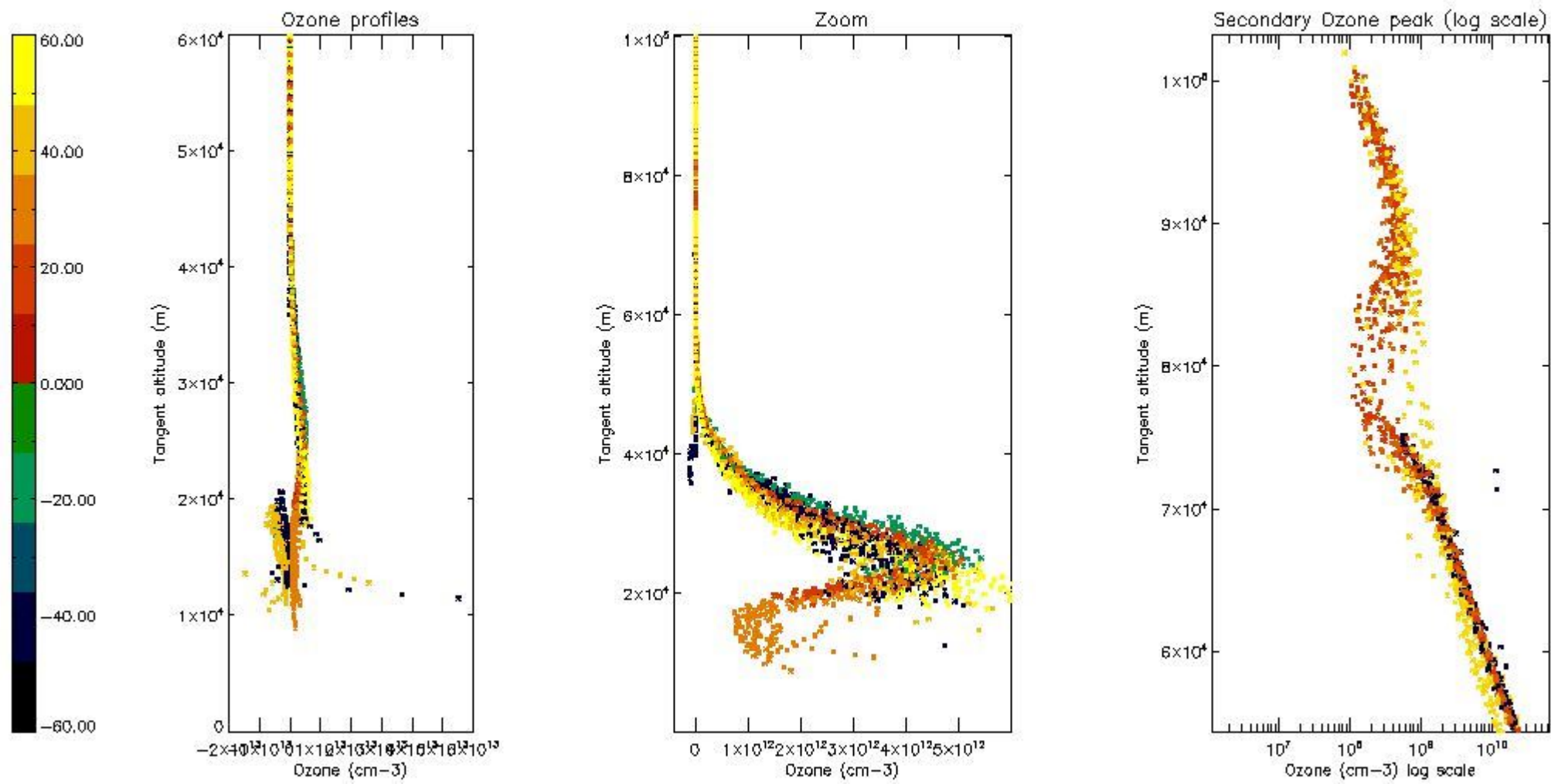
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



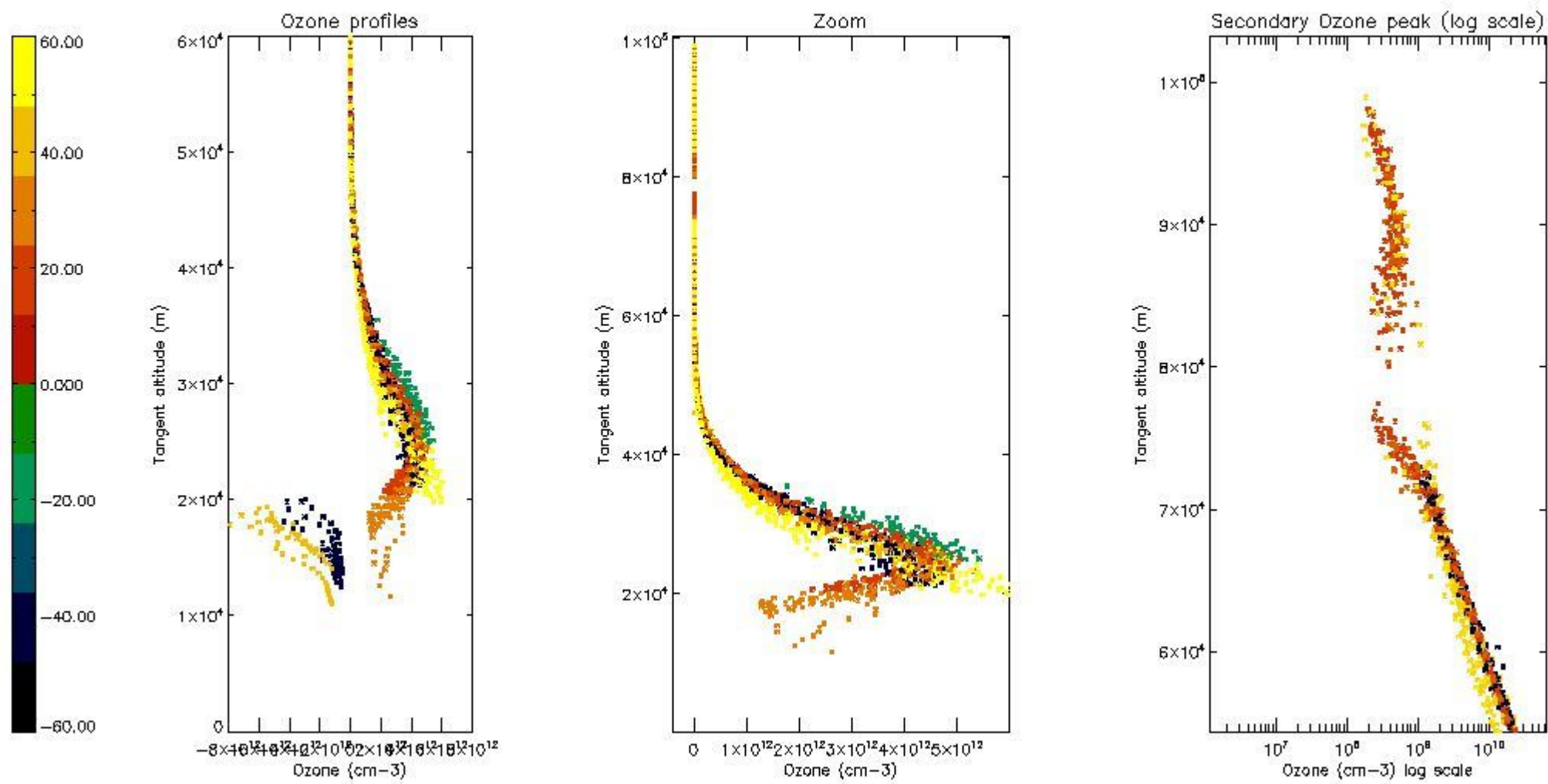
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



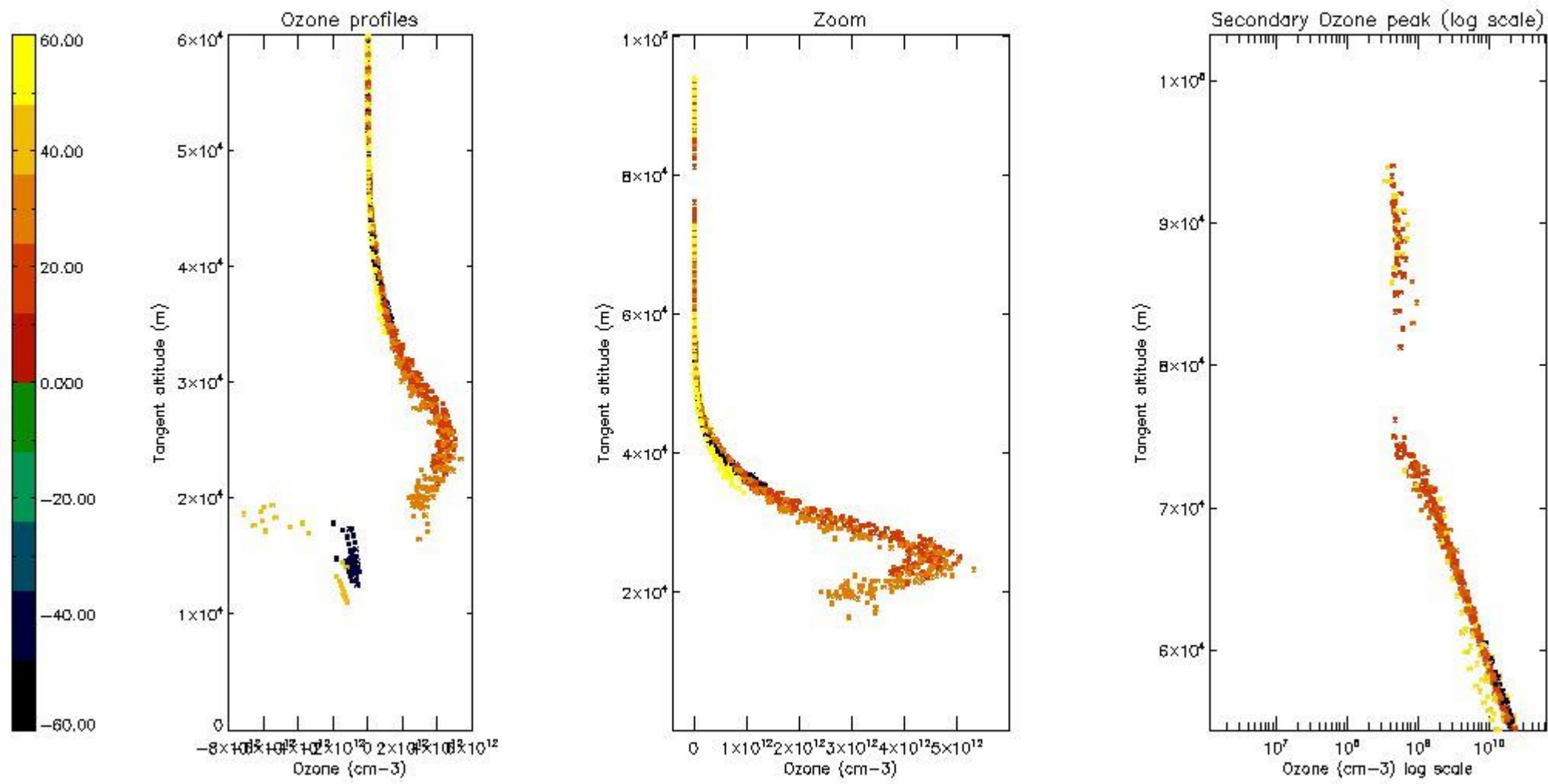
5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)

The colorbar represents the latitude.



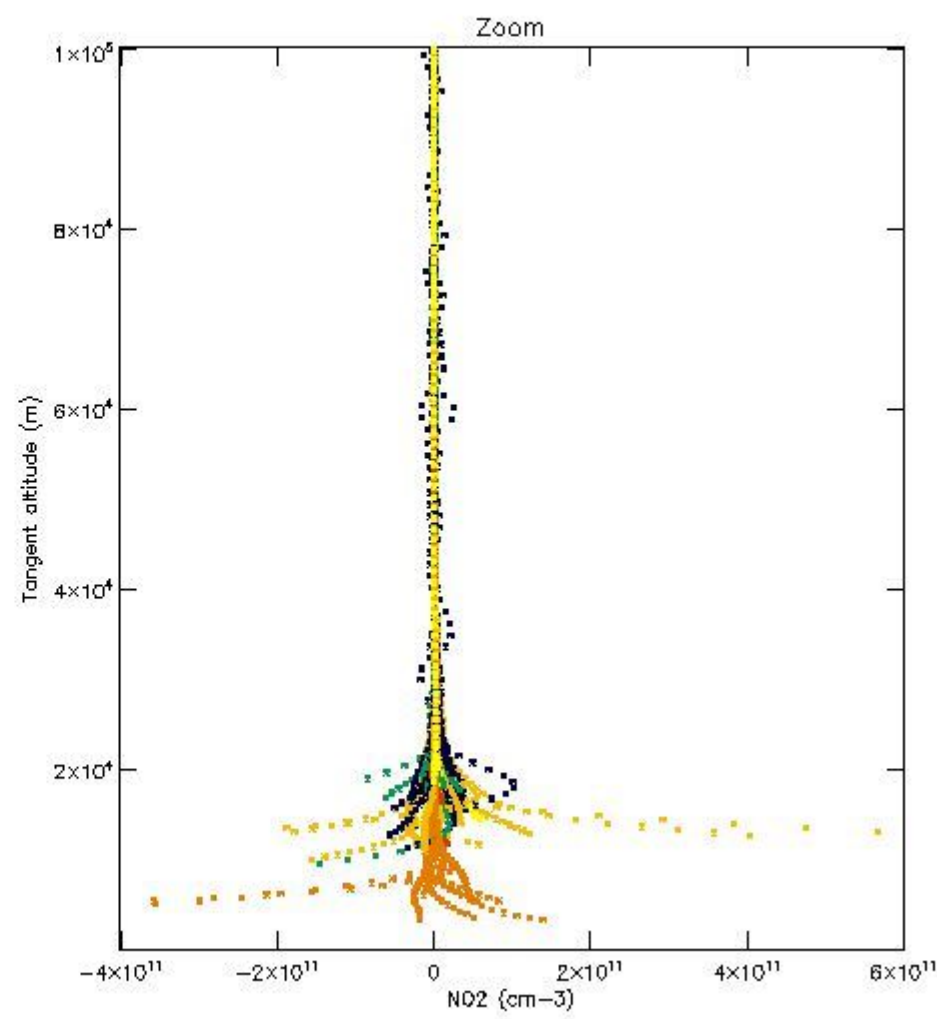
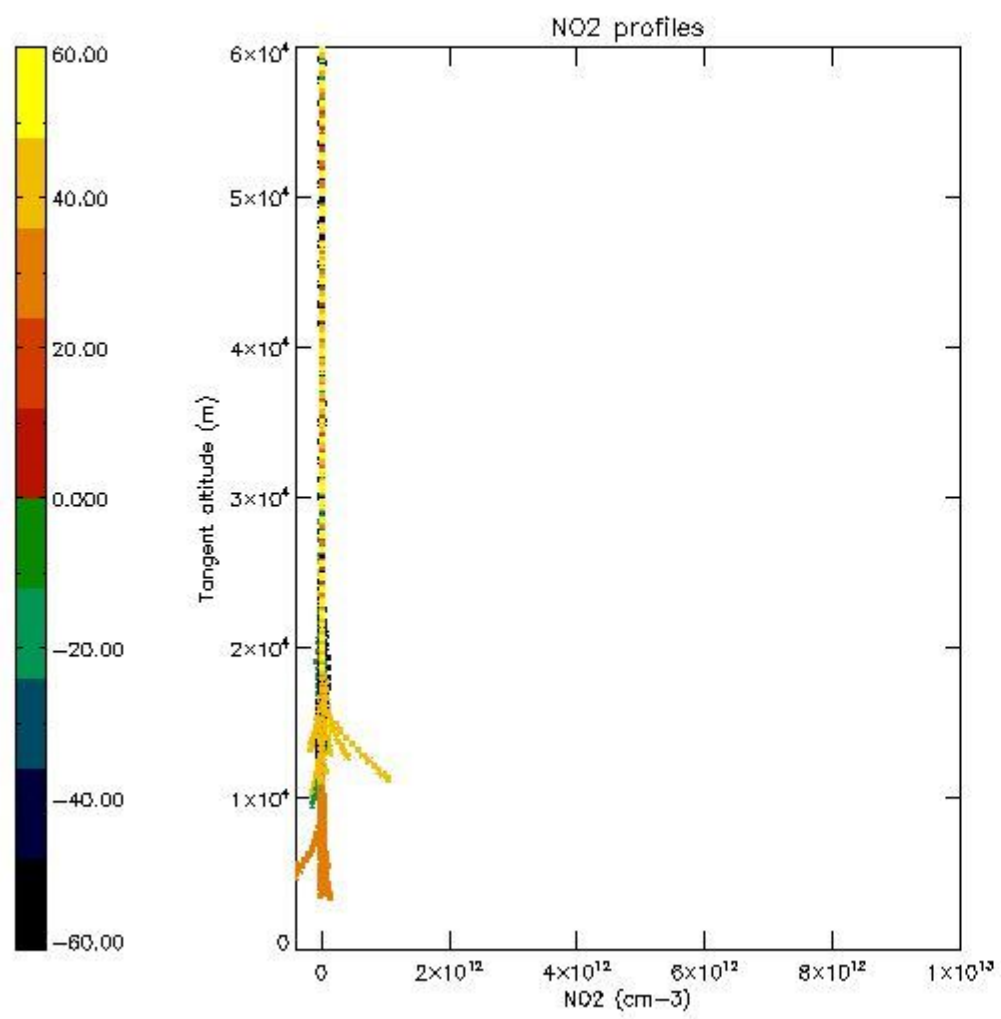
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



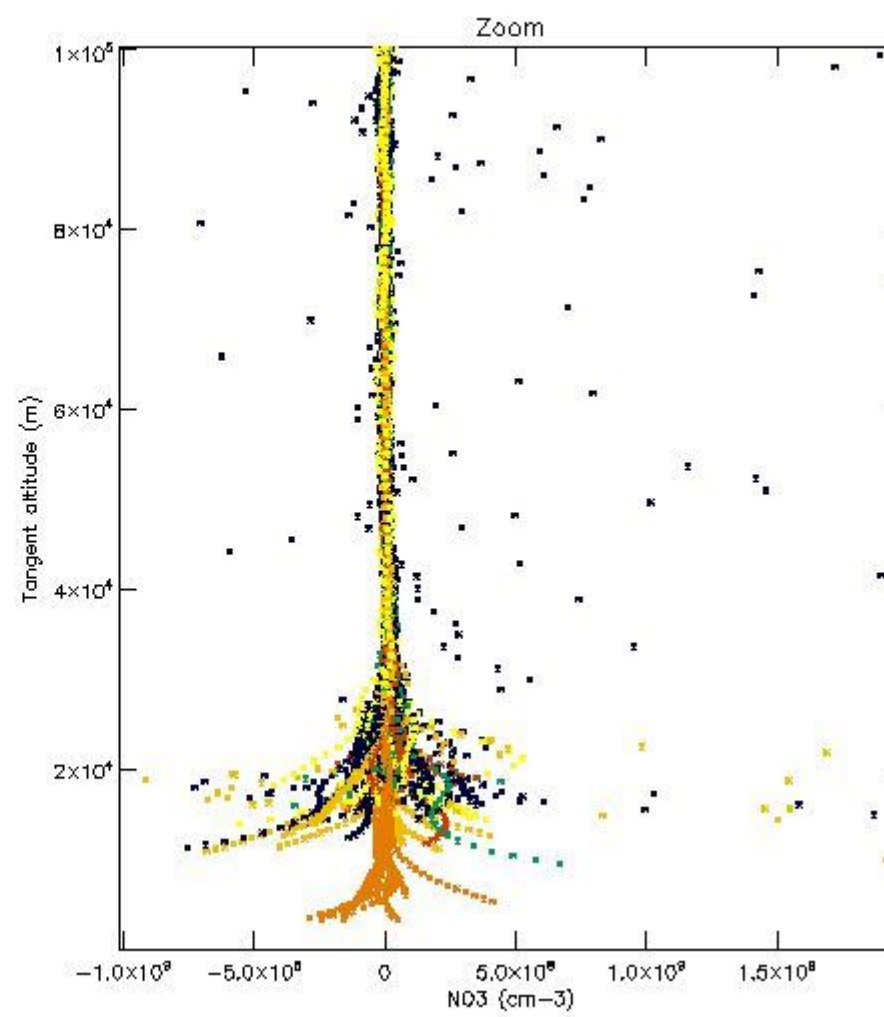
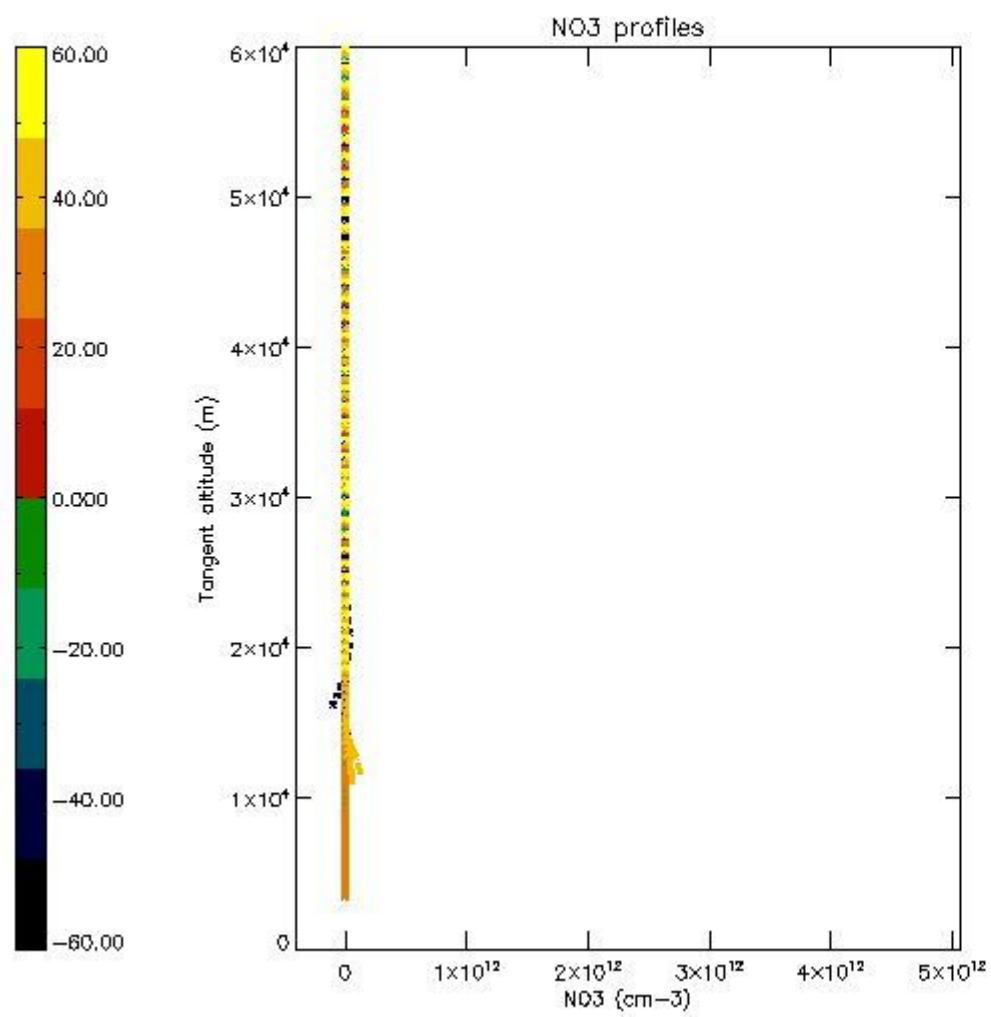
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



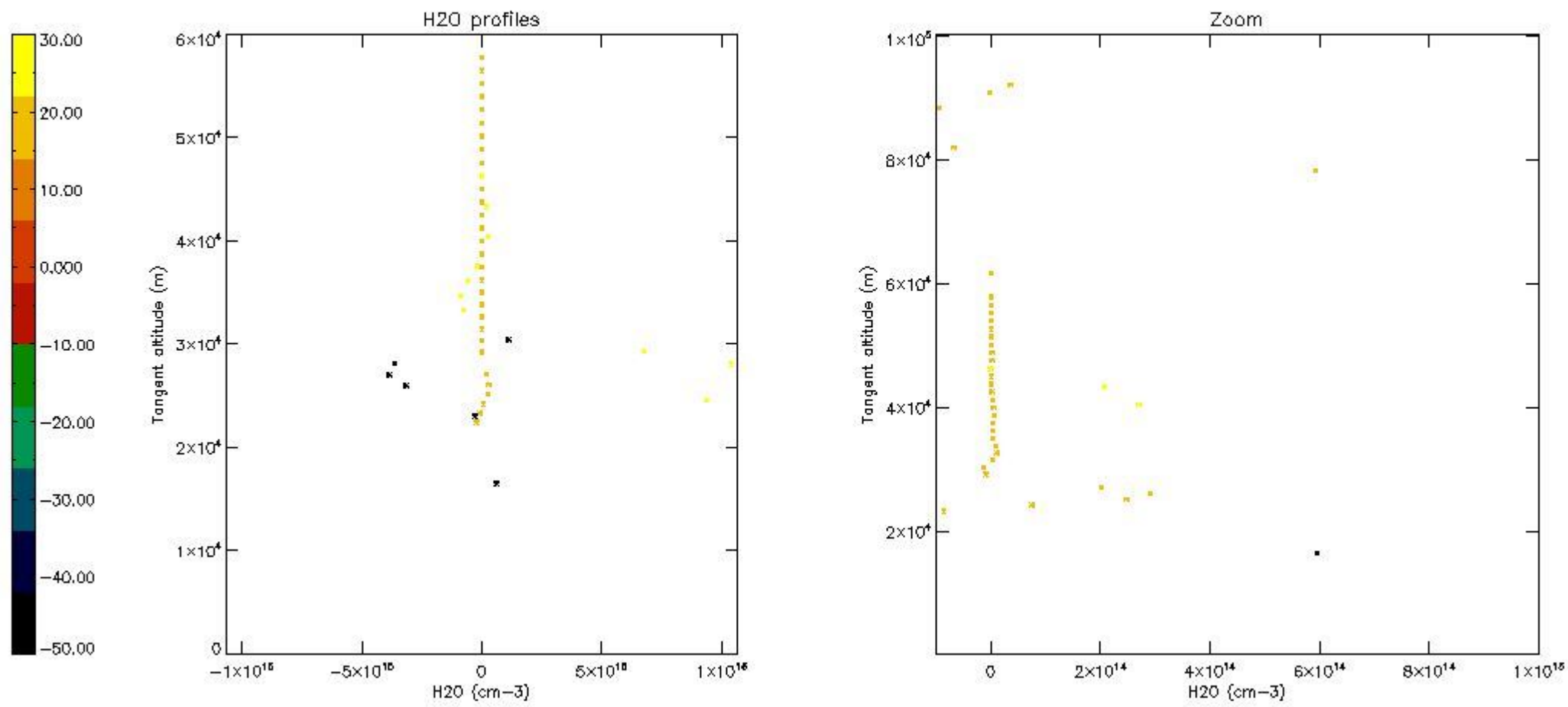
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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.

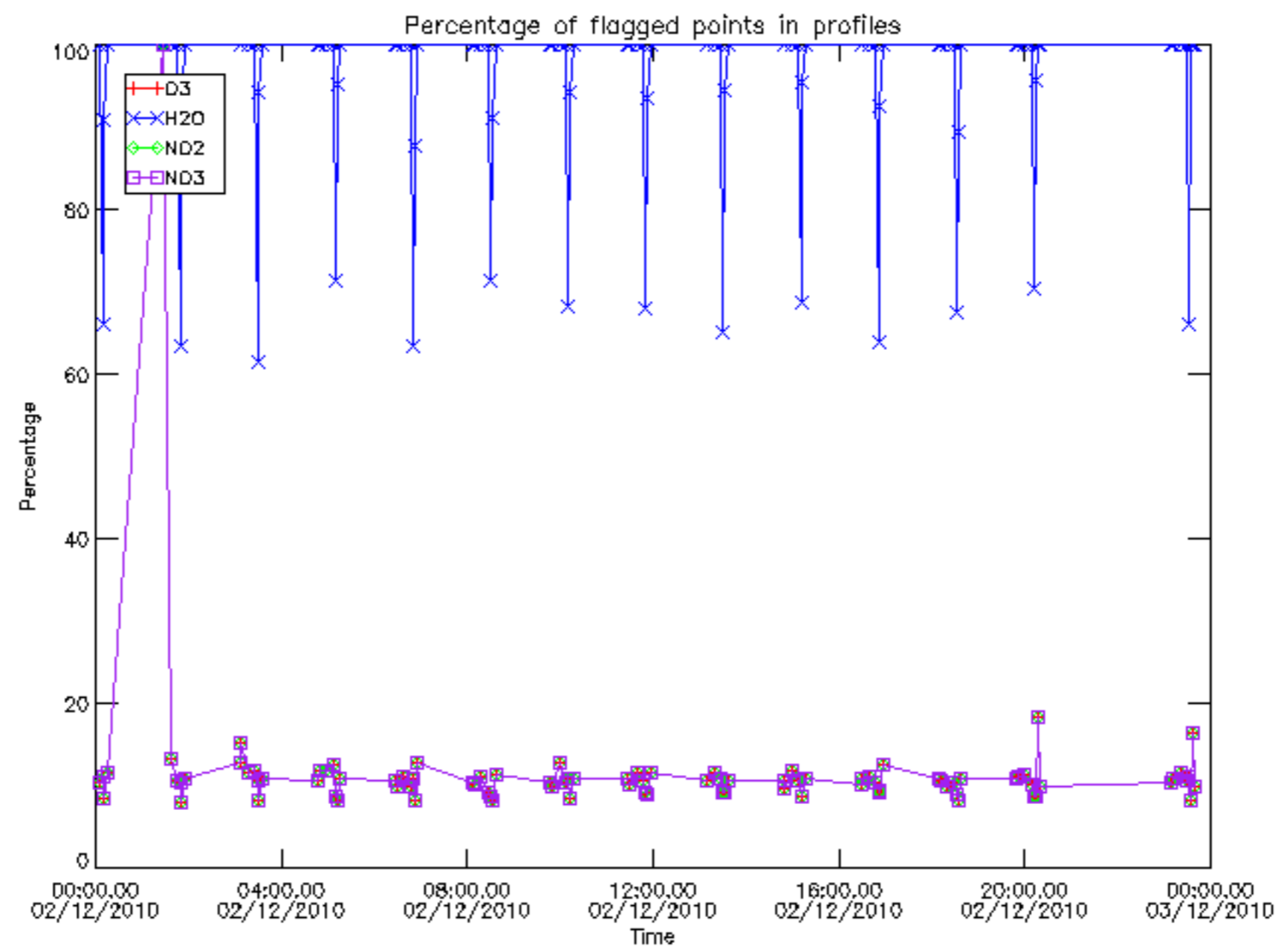


## 6. Auxiliary Data Files used for the production reported in section 2

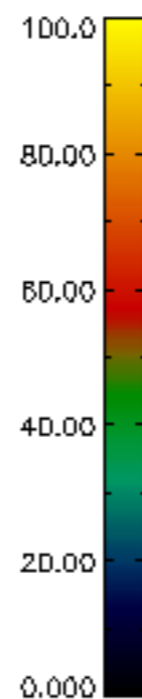
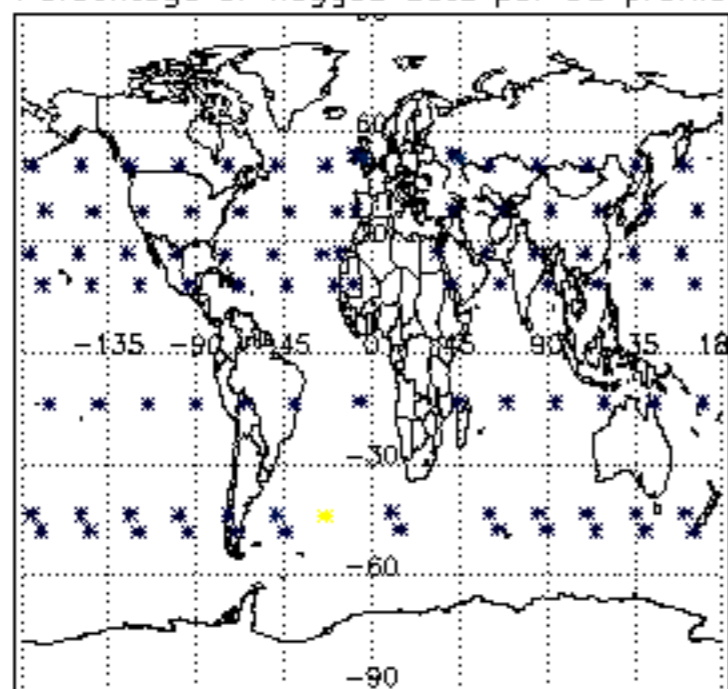
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-DEC-2010 00:05:41
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-DEC-2010 00:05:41
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-DEC-2010 00:05:41

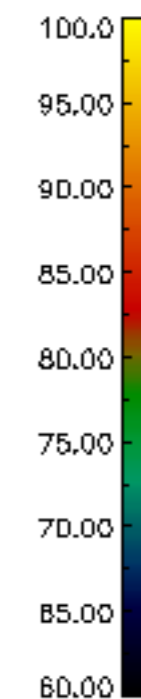
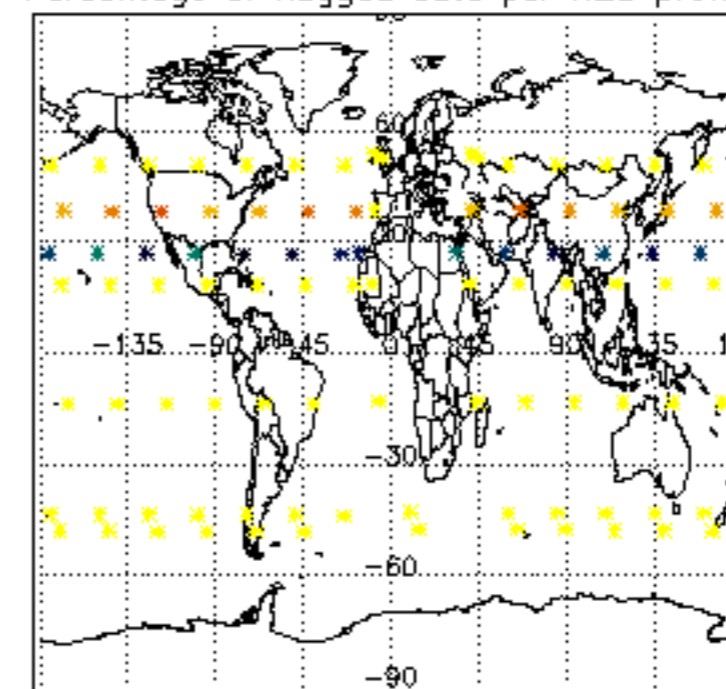




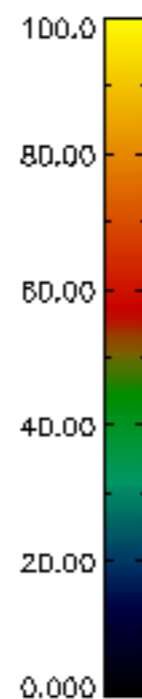
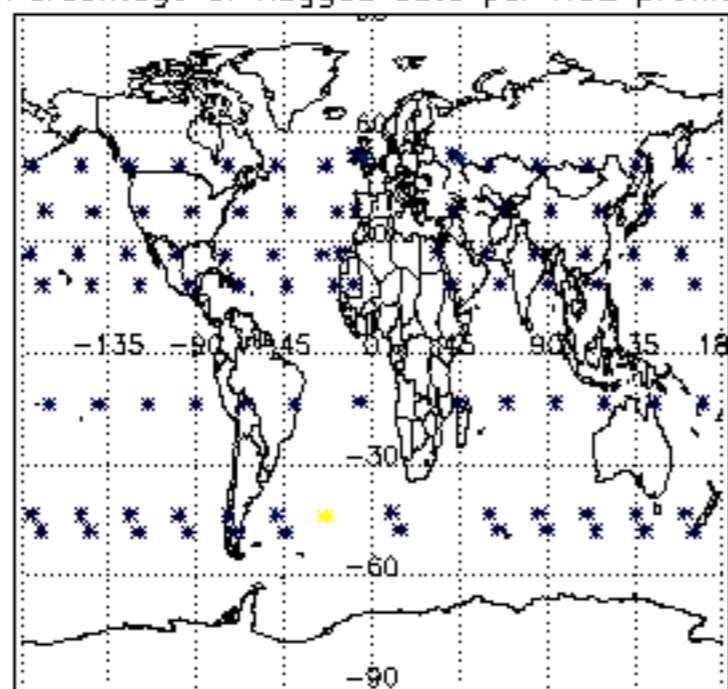
Percentage of flagged data per D3 profile



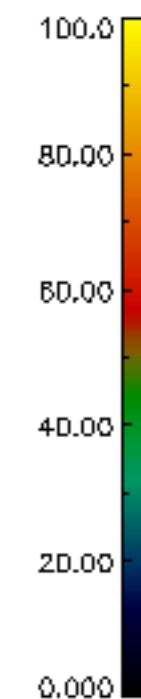
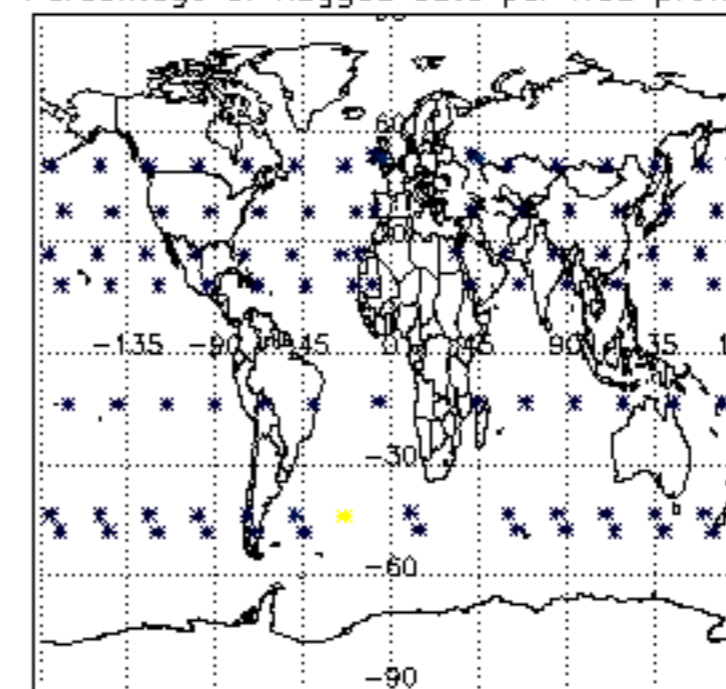
Percentage of flagged data per H2O profile

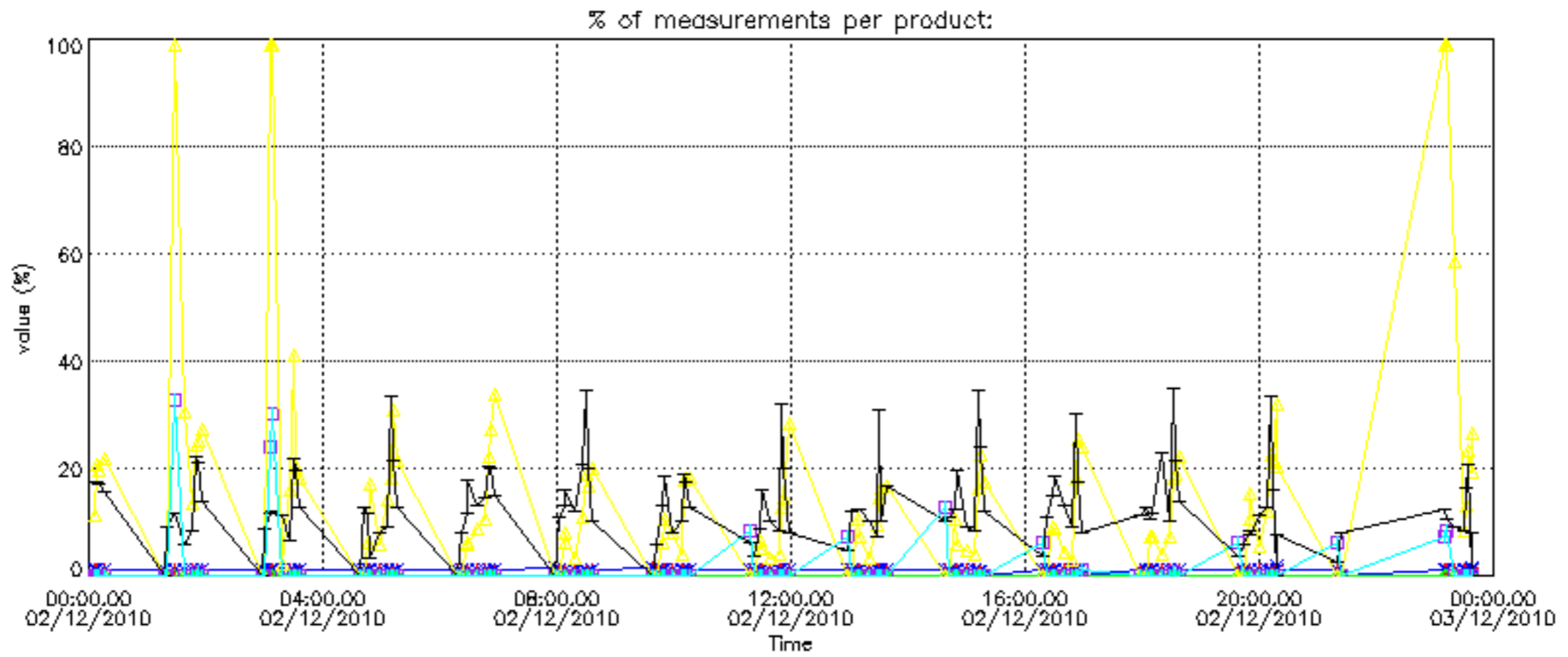


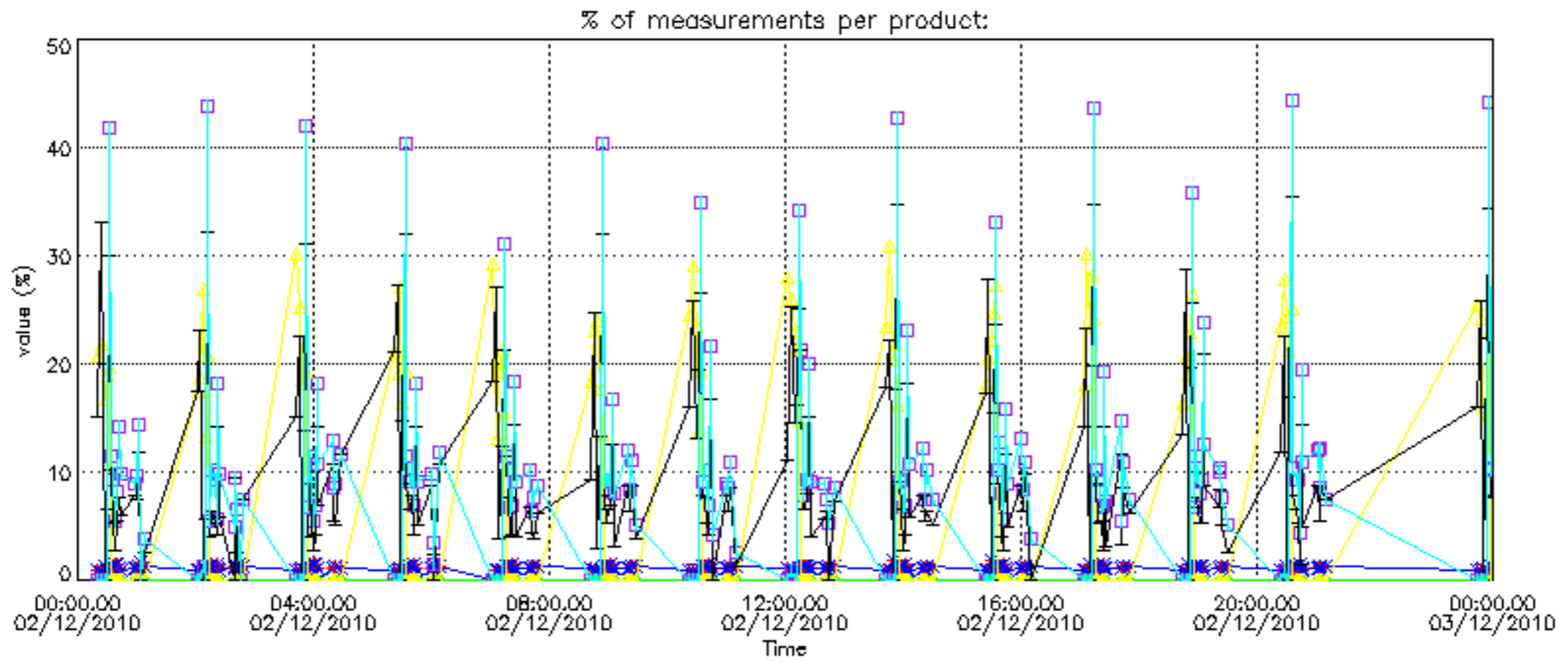
Percentage of flagged data per NO2 profile



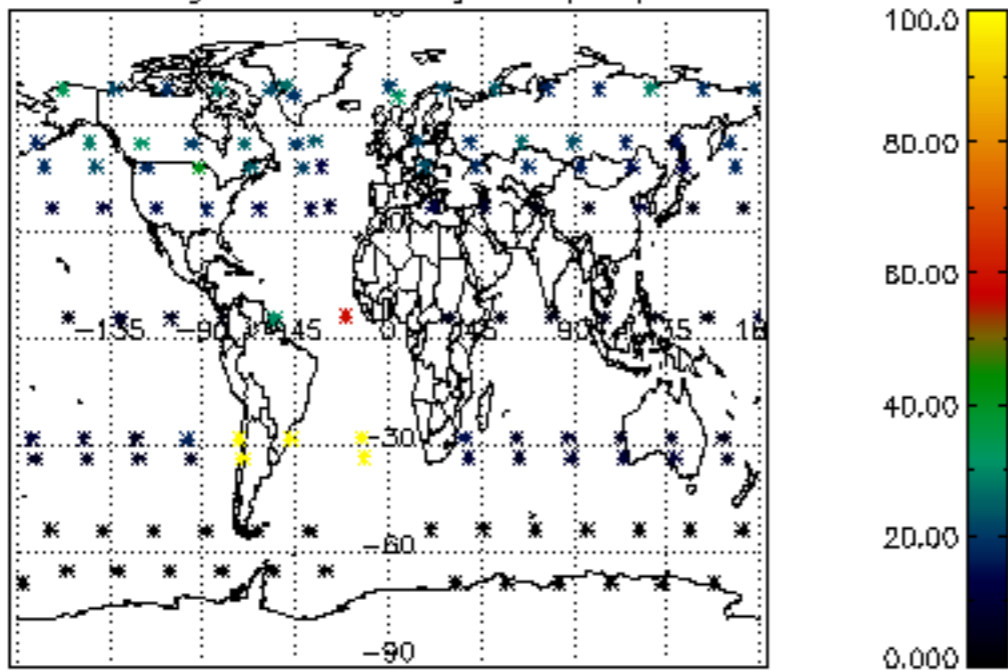
Percentage of flagged data per NO3 profile



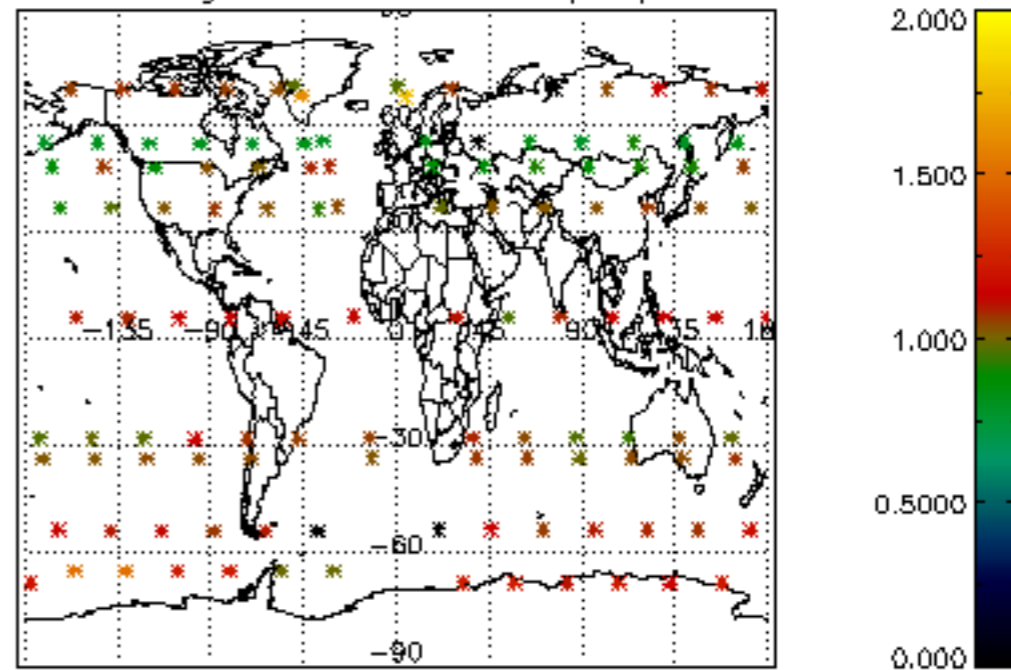




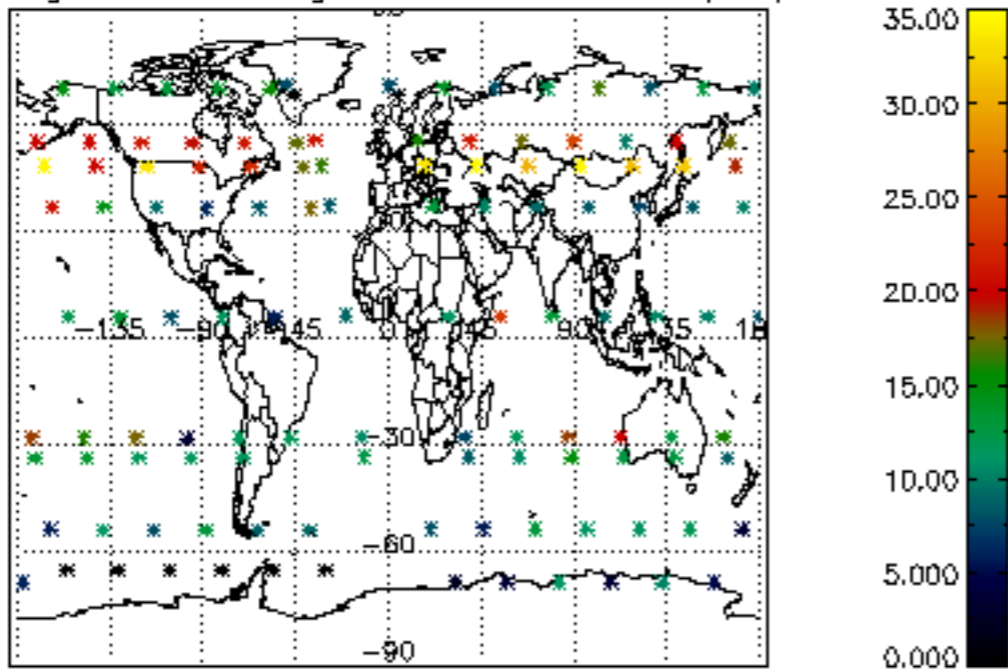
Percentage of cosmic ray hits per profile



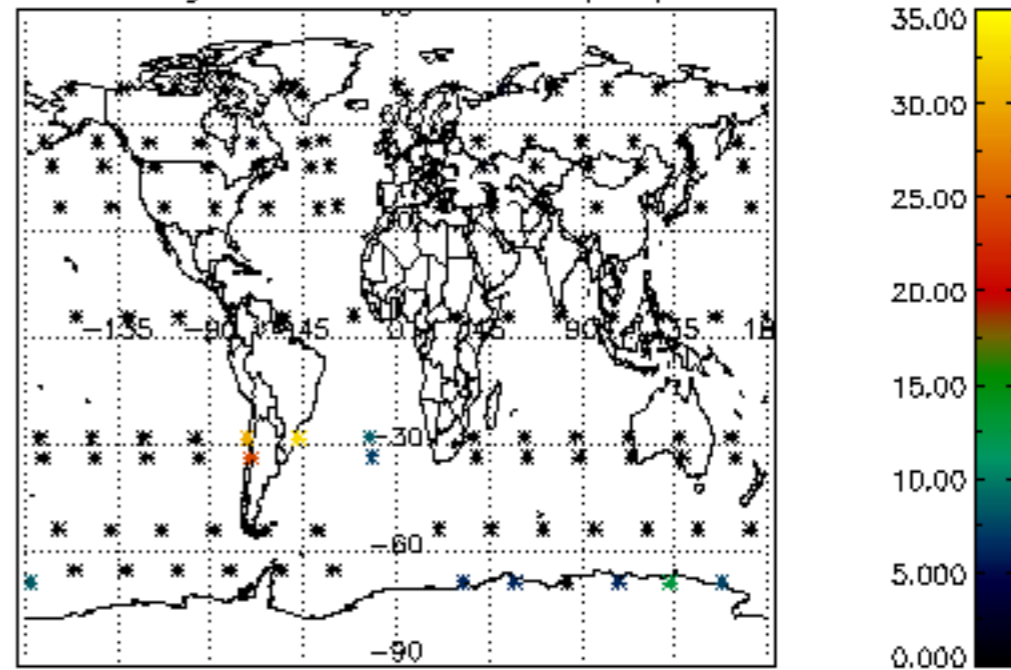
Percentage of datation errors per profile



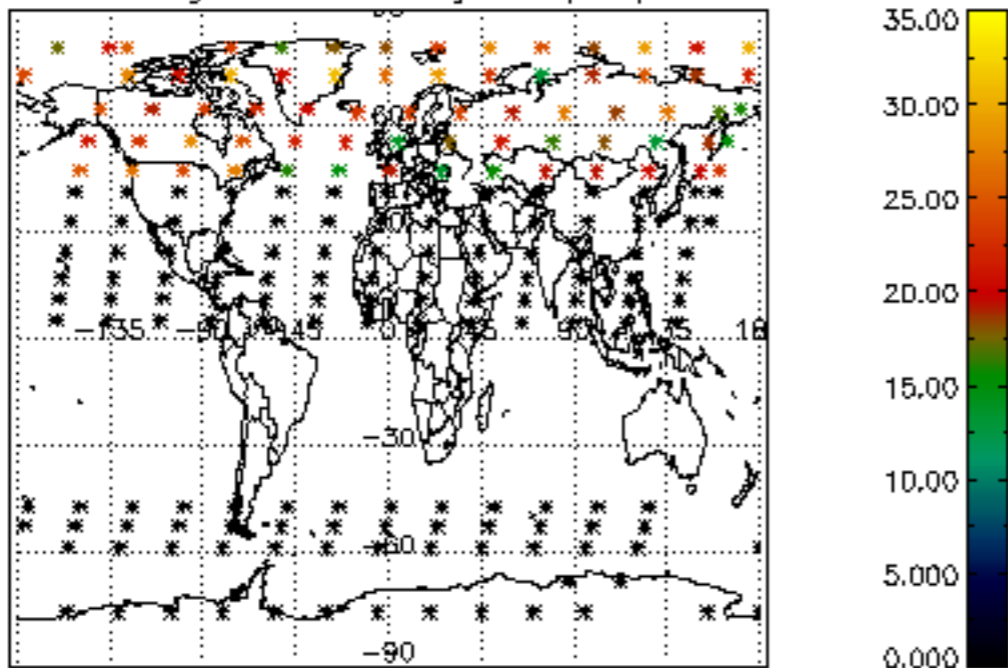
Percentage of star falling outside central band per profile



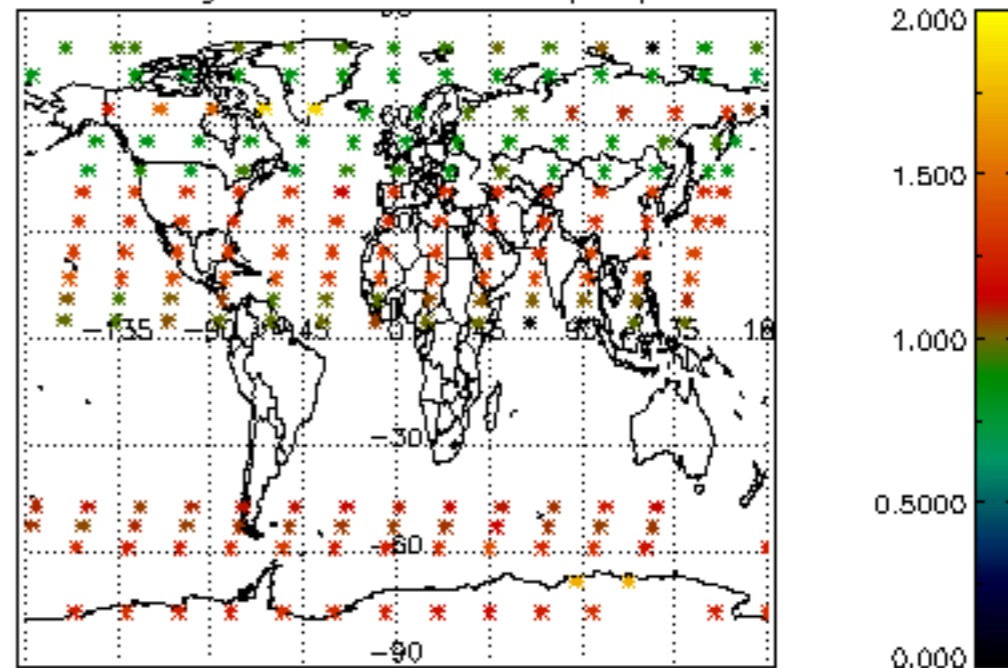
Percentage of saturation errors per profile



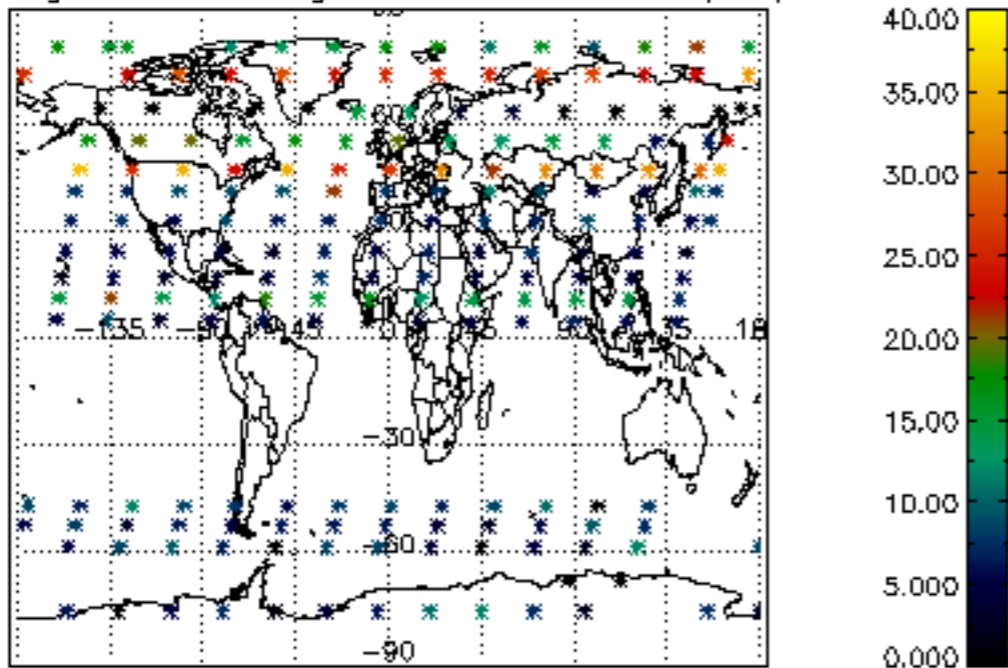
Percentage of cosmic ray hits per profile



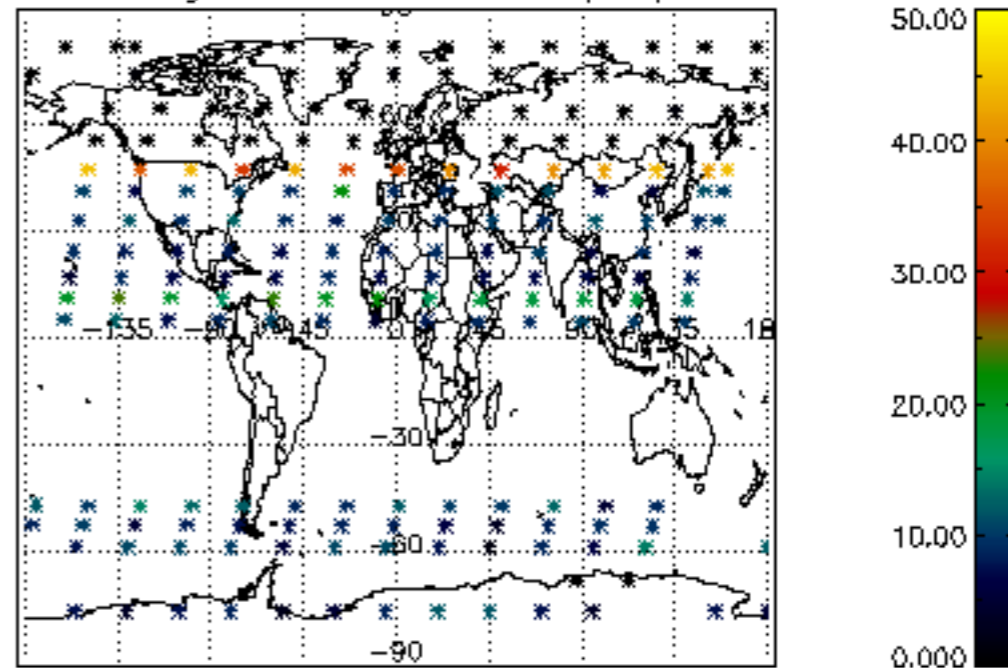
Percentage of datation errors per profile

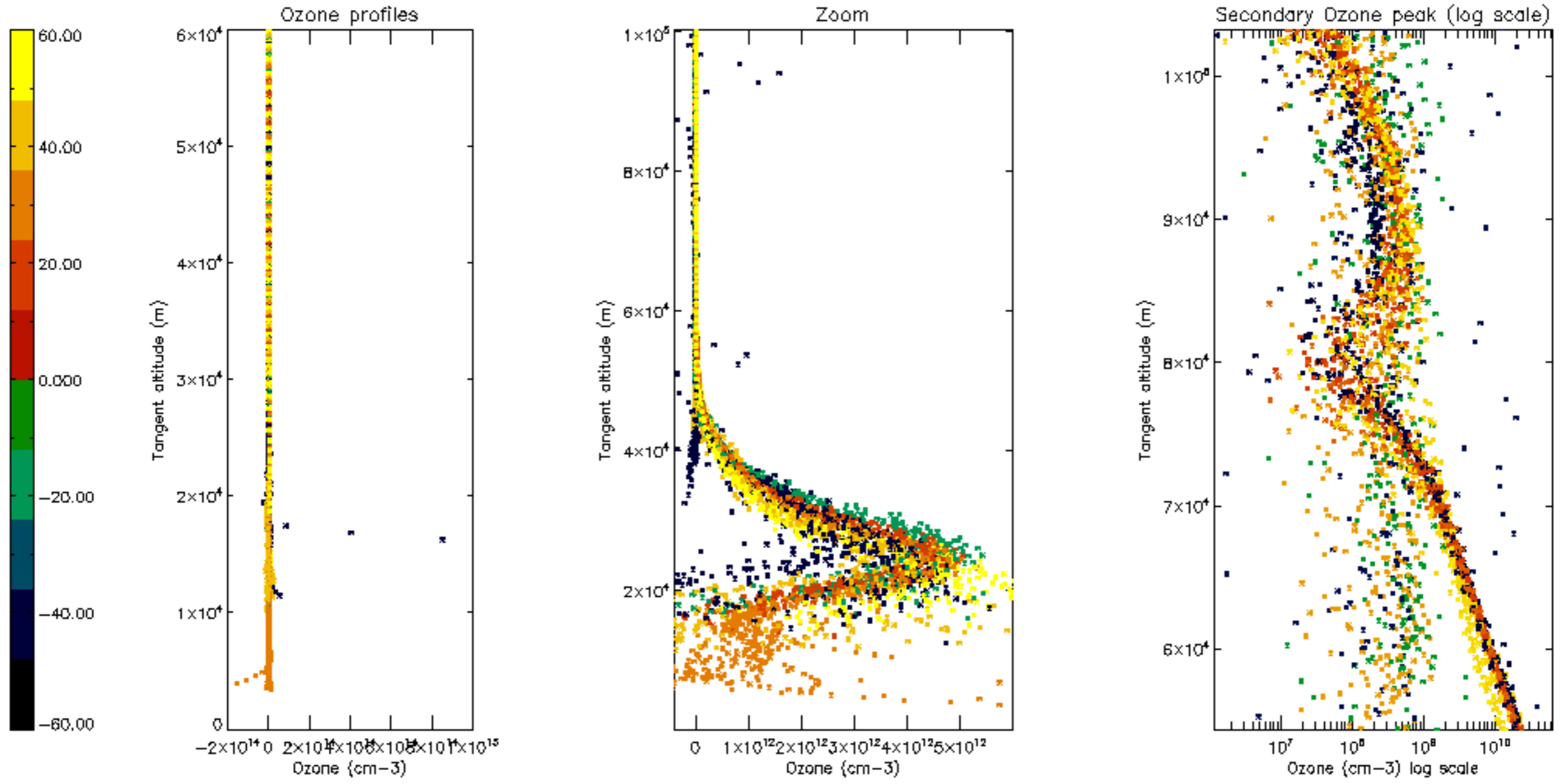


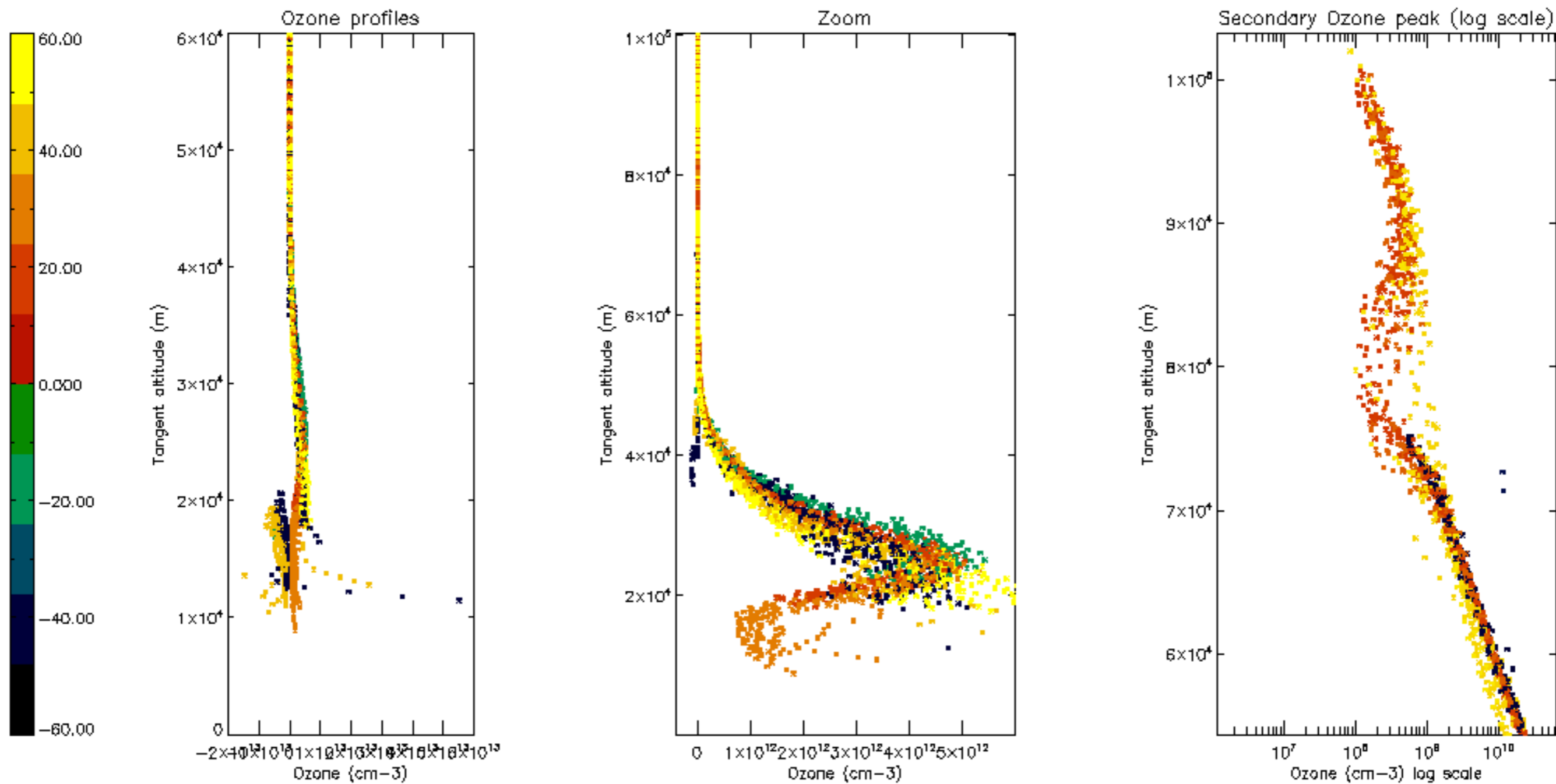
Percentage of star falling outside central band per profile



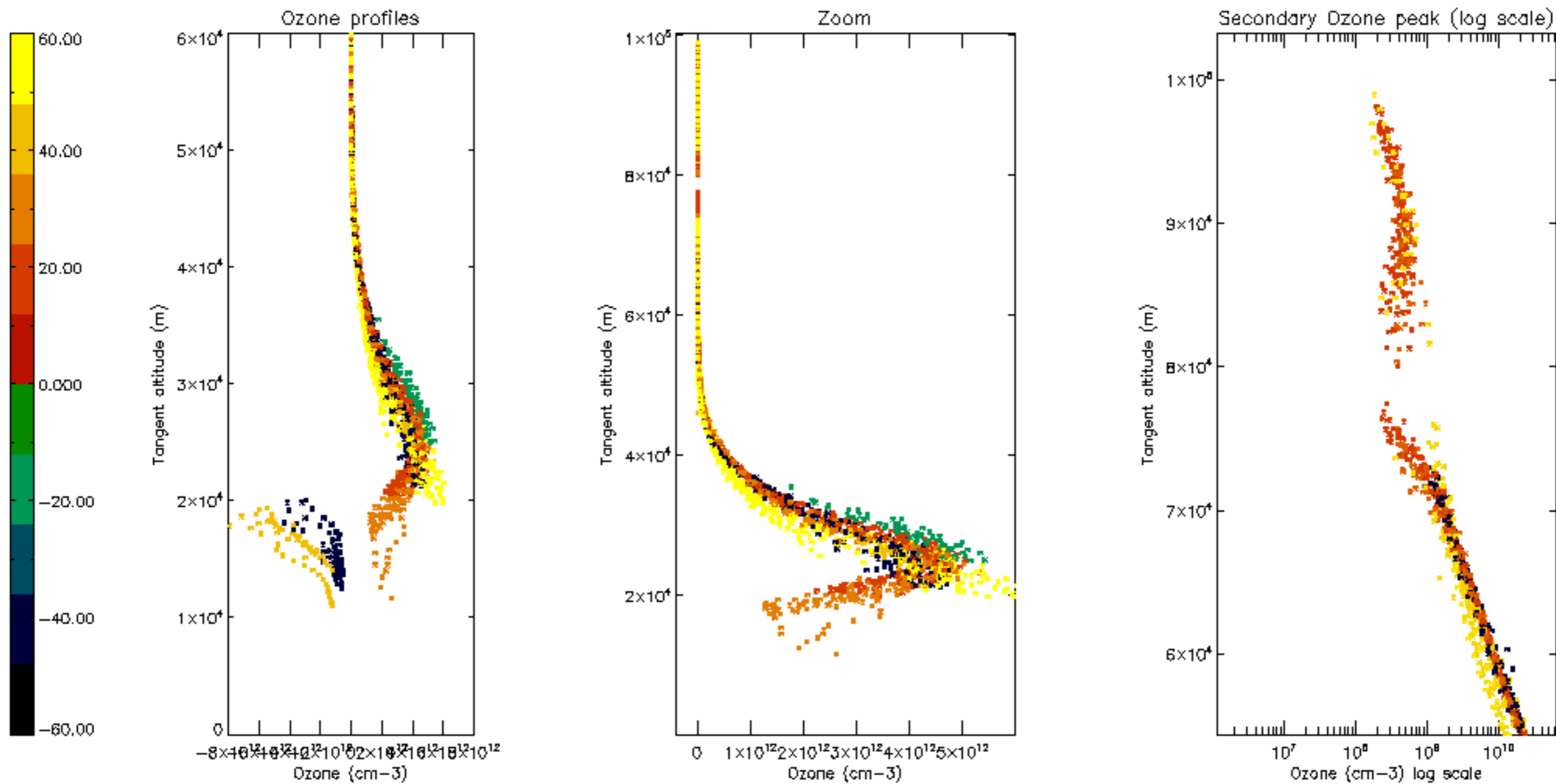
Percentage of saturation errors per profile

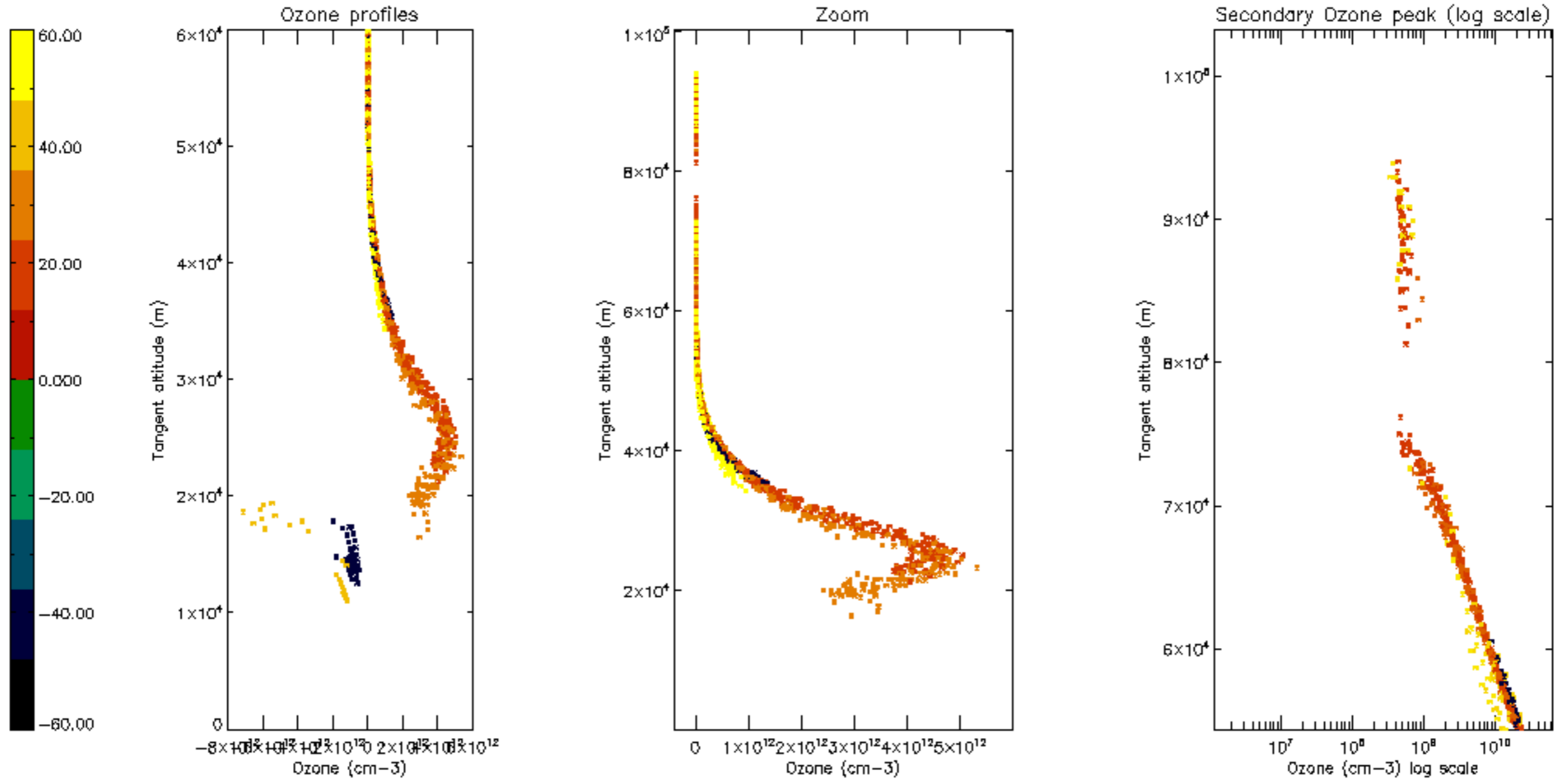


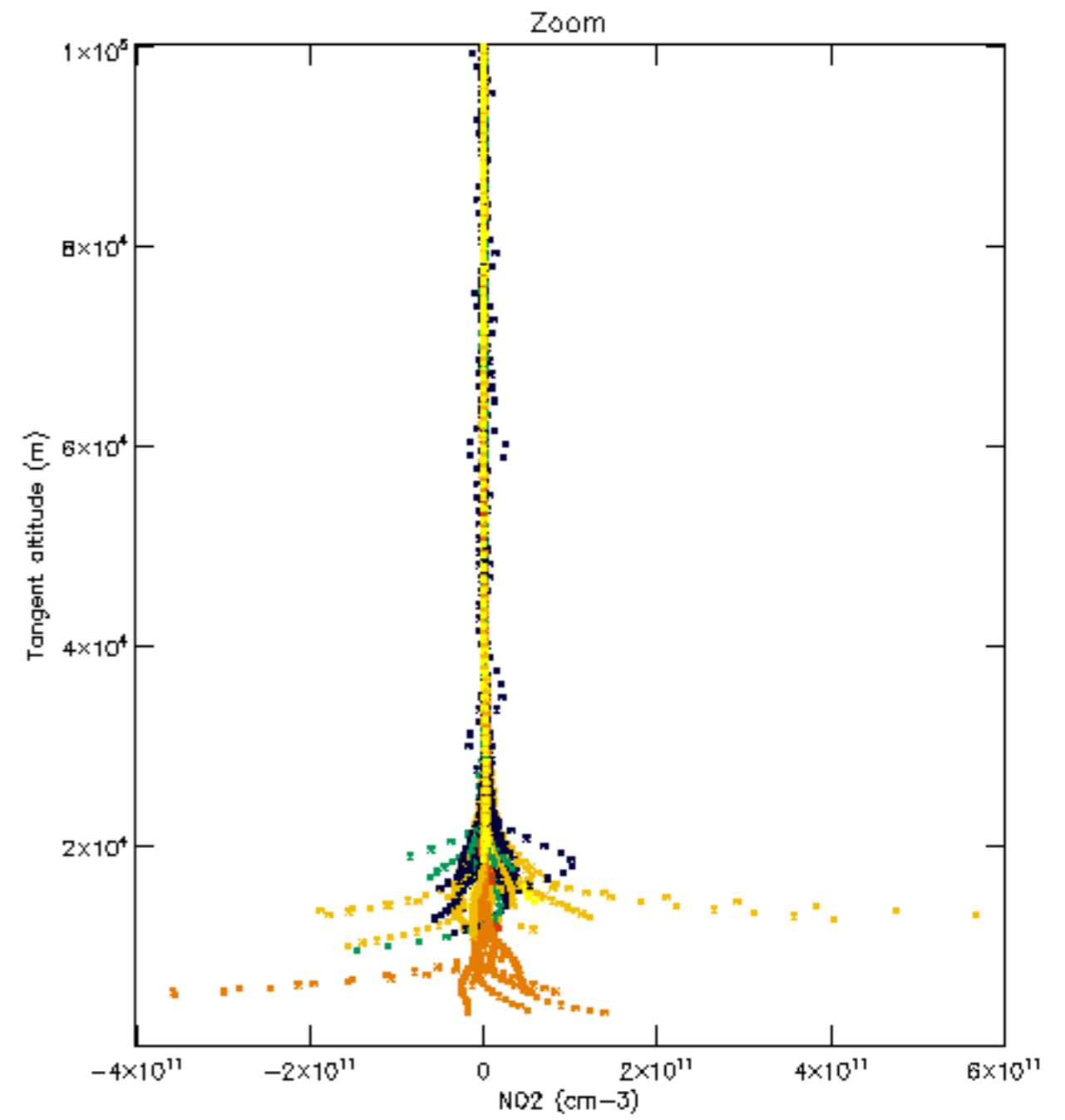
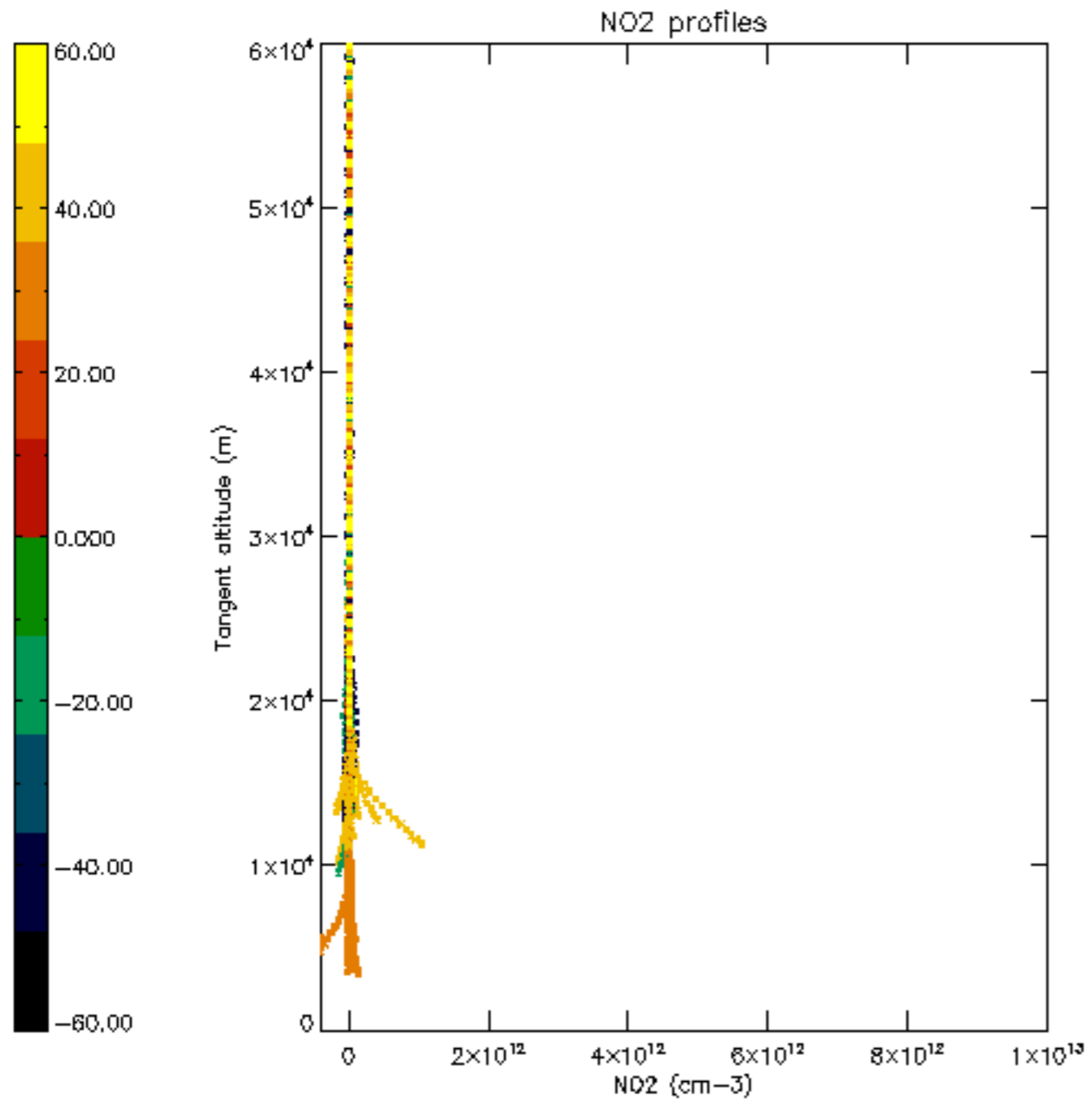


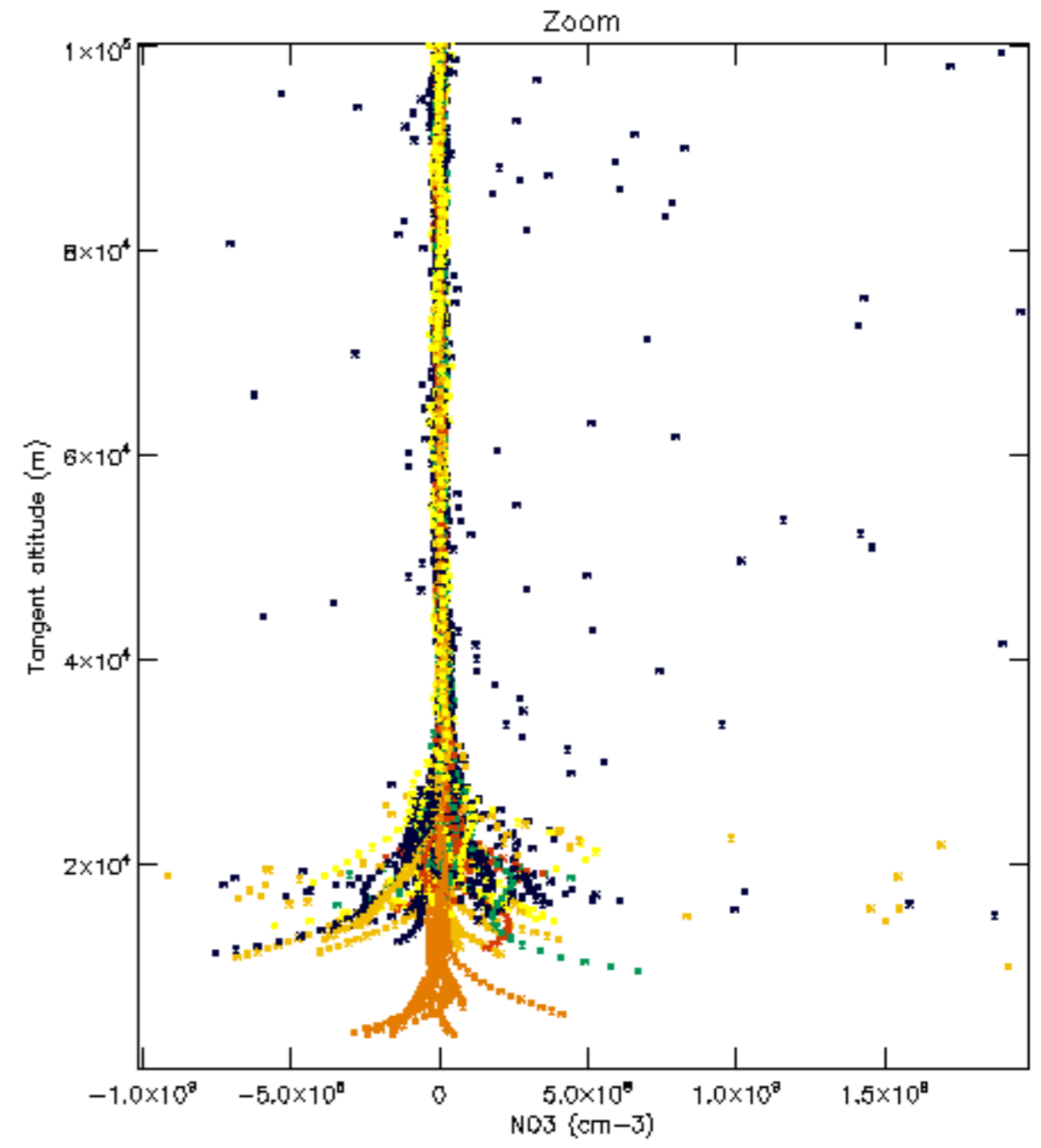
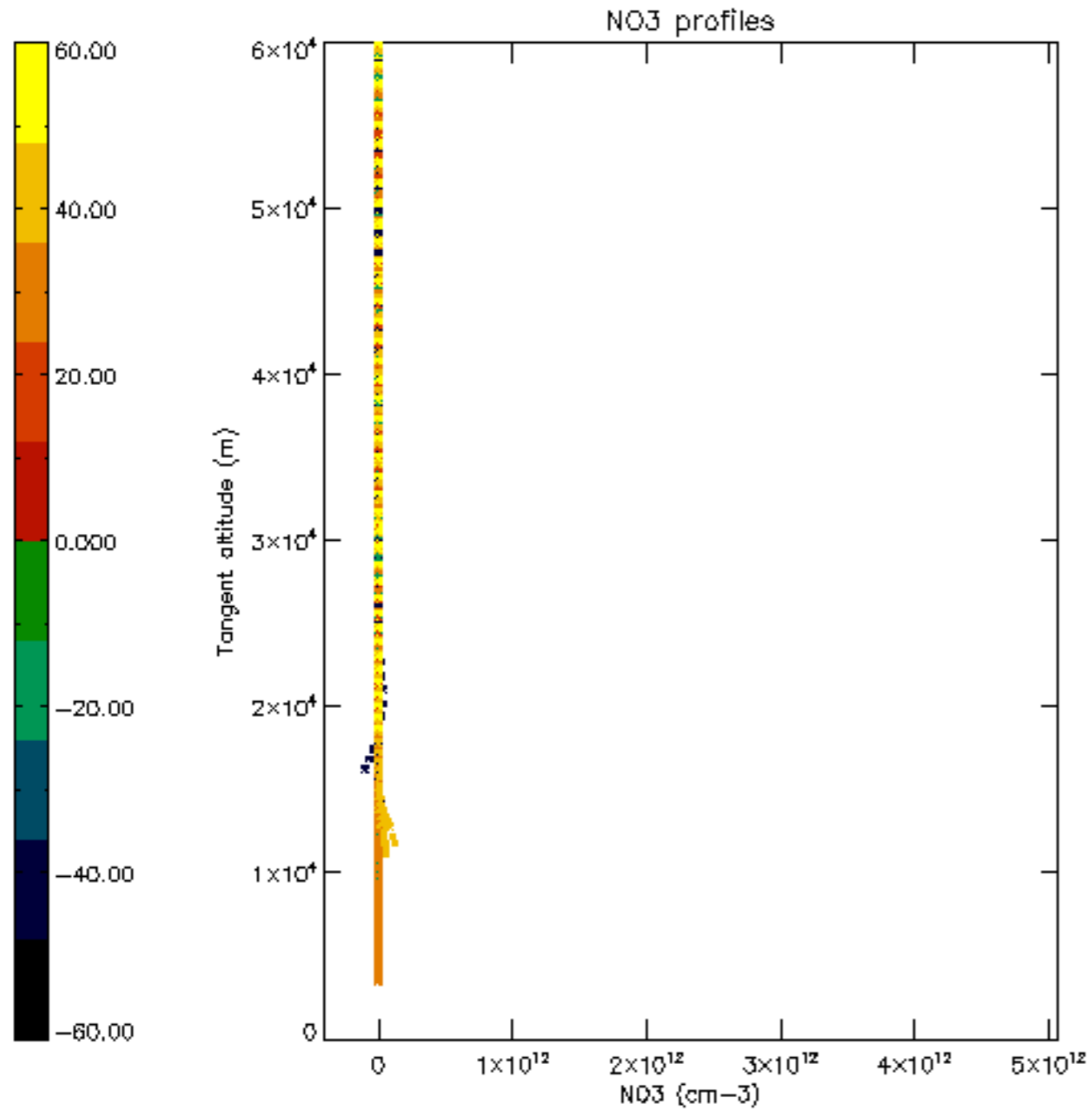


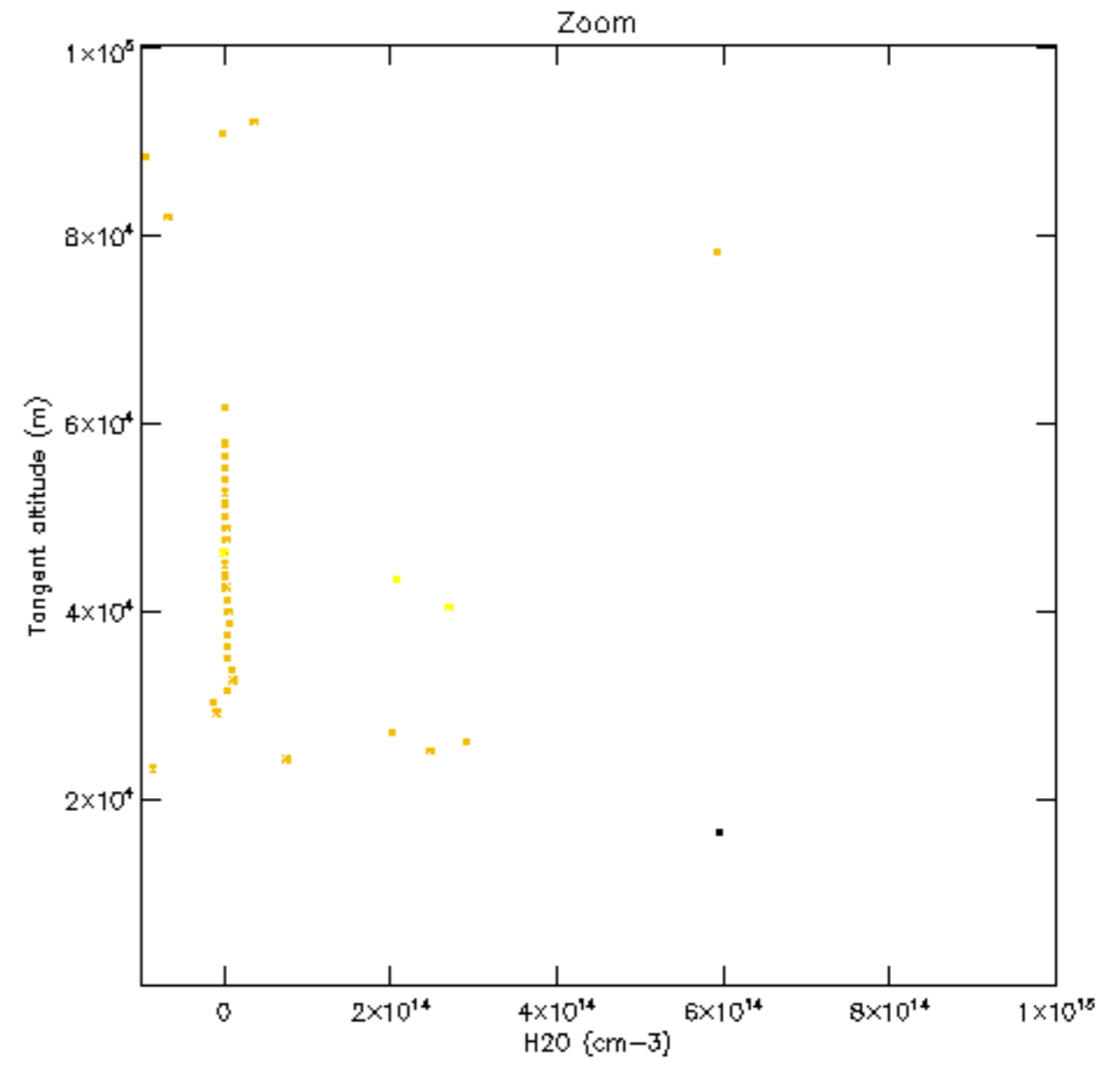
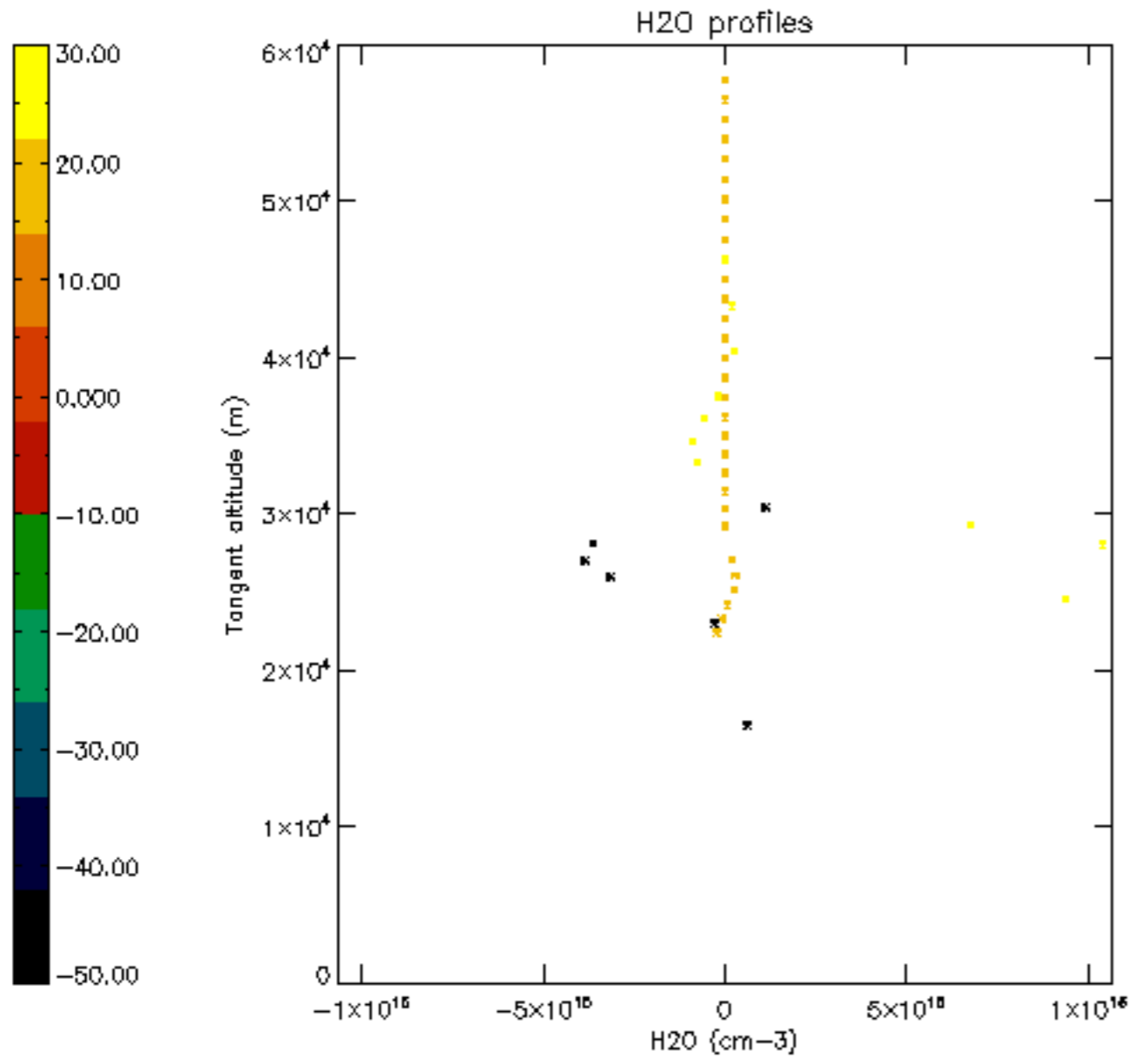


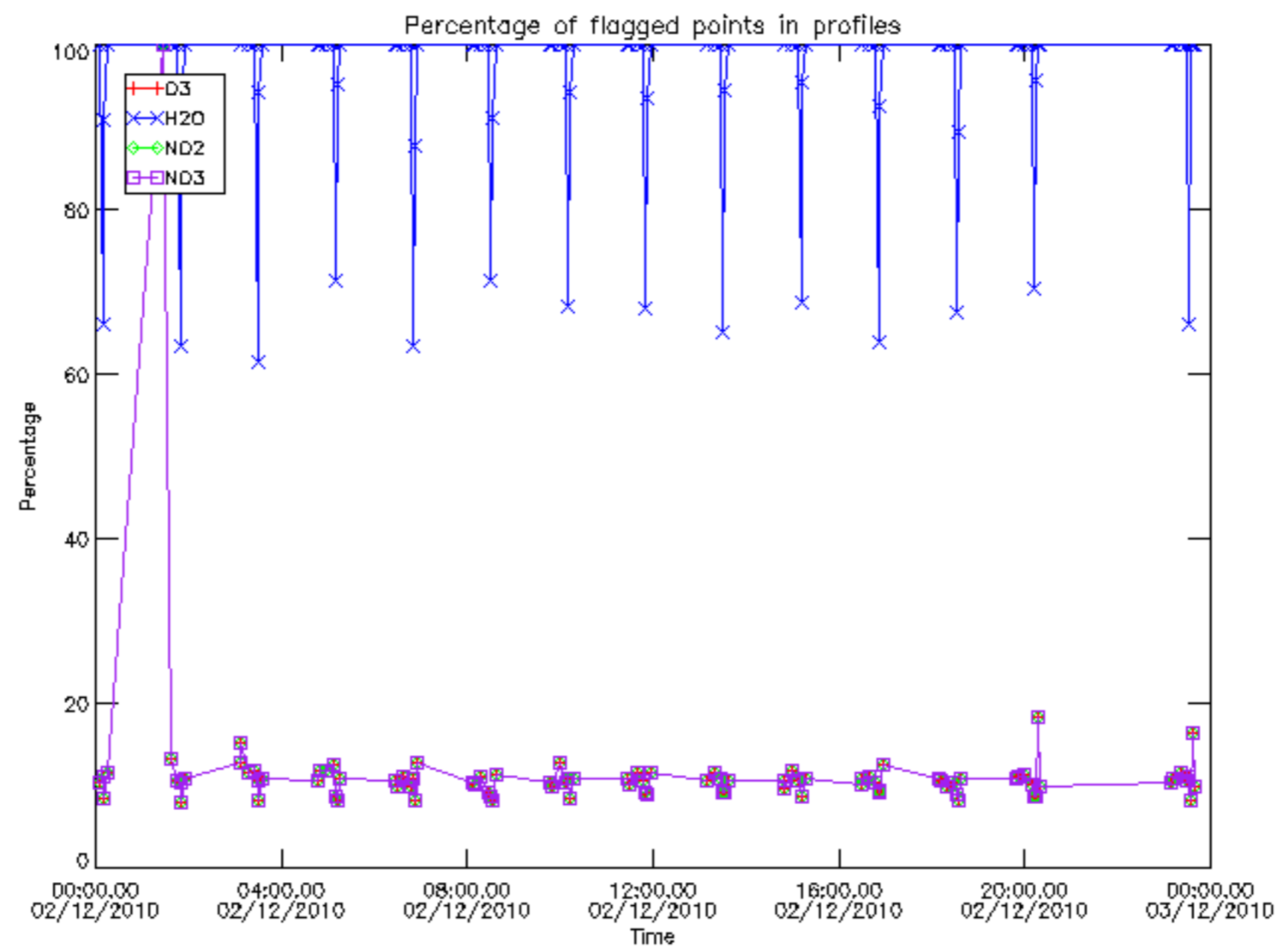




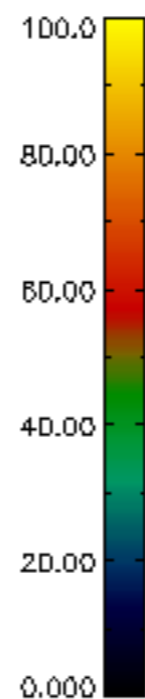
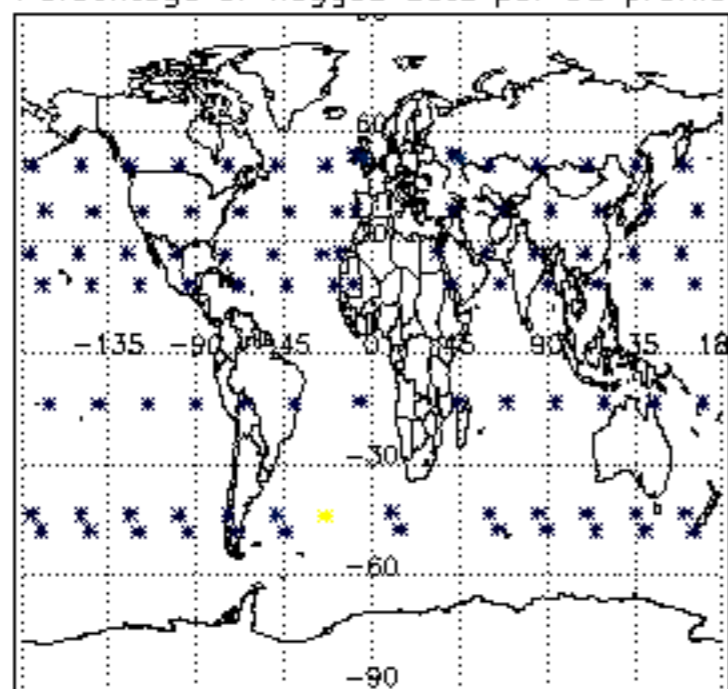




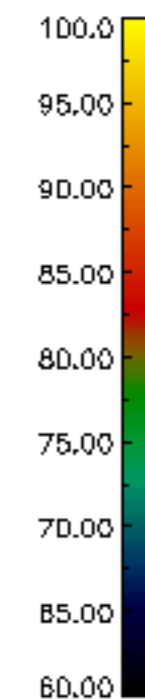
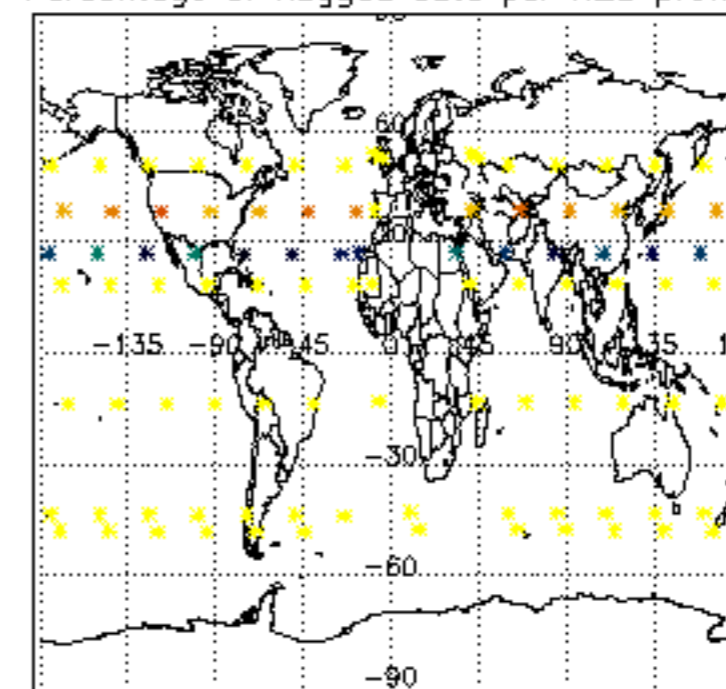




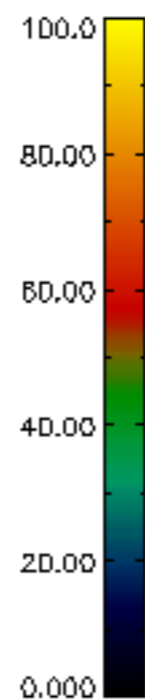
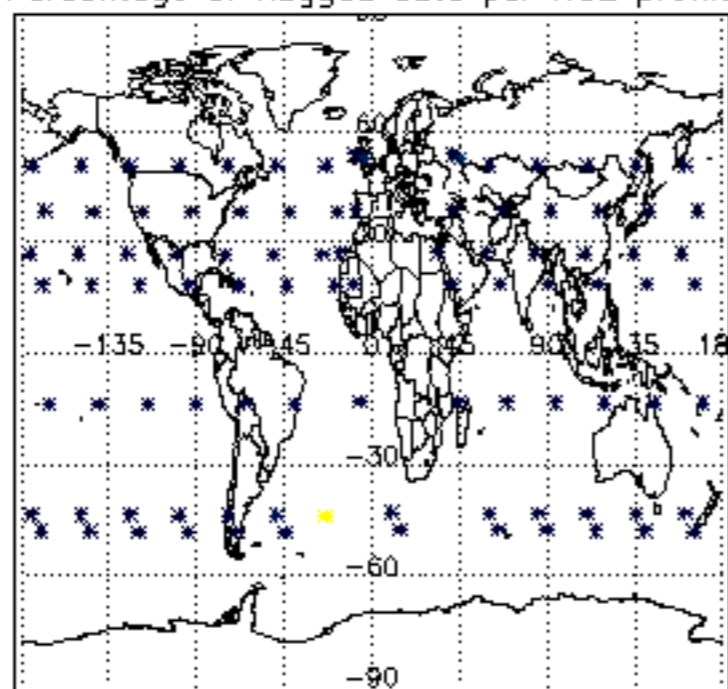
Percentage of flagged data per D3 profile



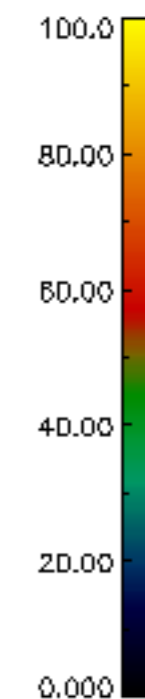
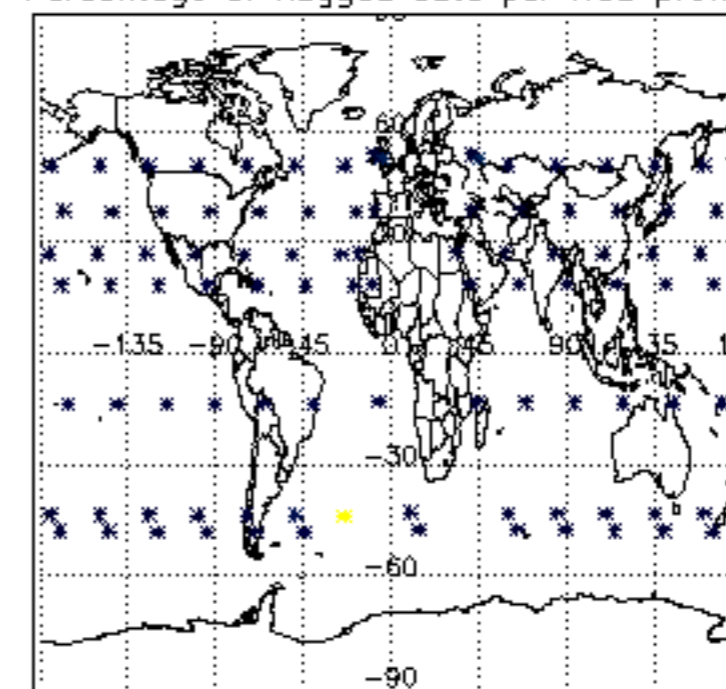
Percentage of flagged data per H2O profile

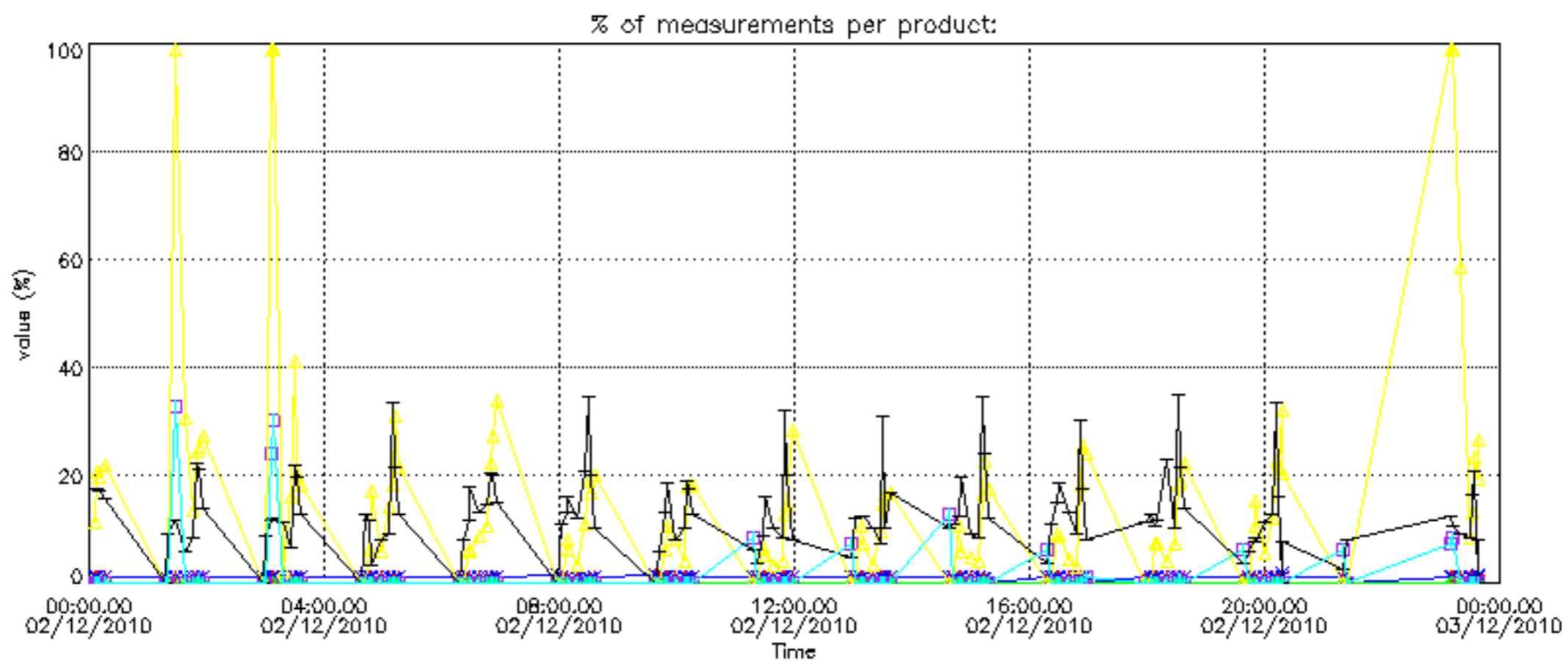


Percentage of flagged data per NO2 profile

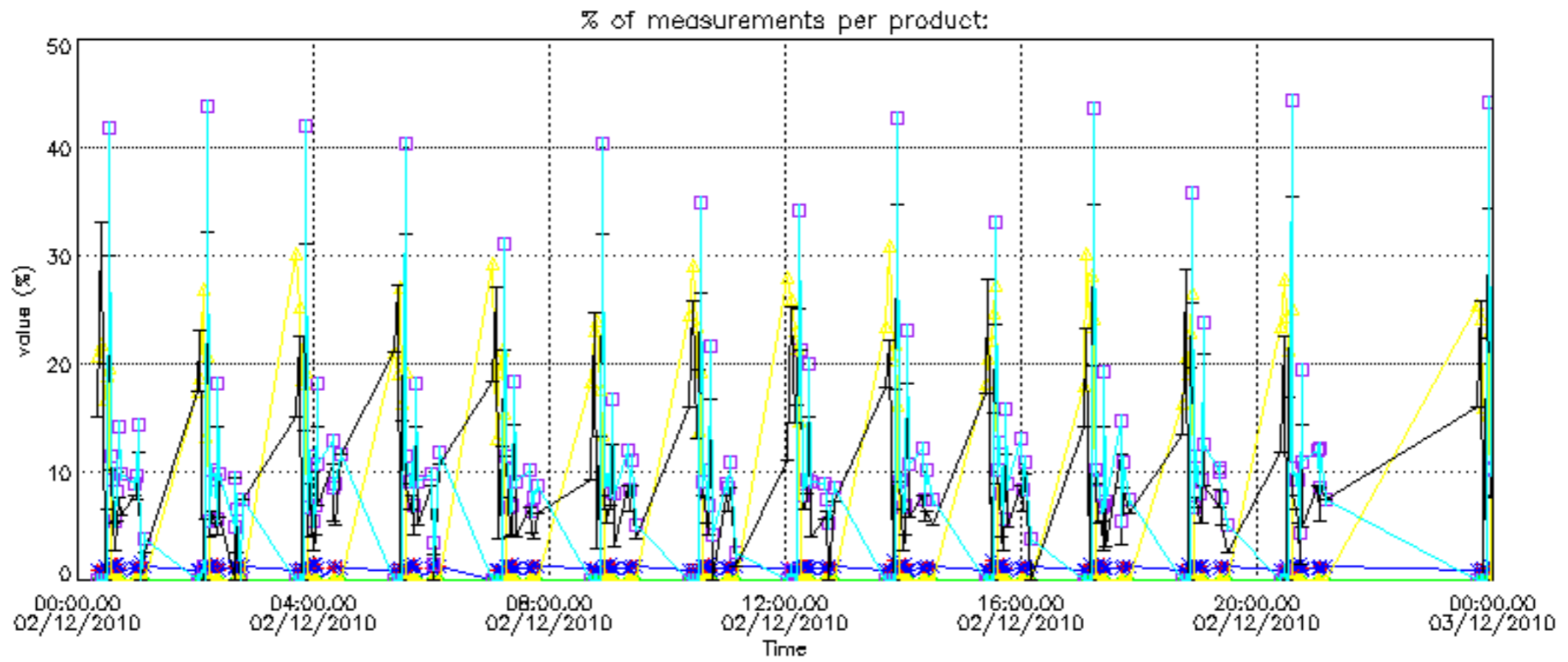


Percentage of flagged data per NO3 profile

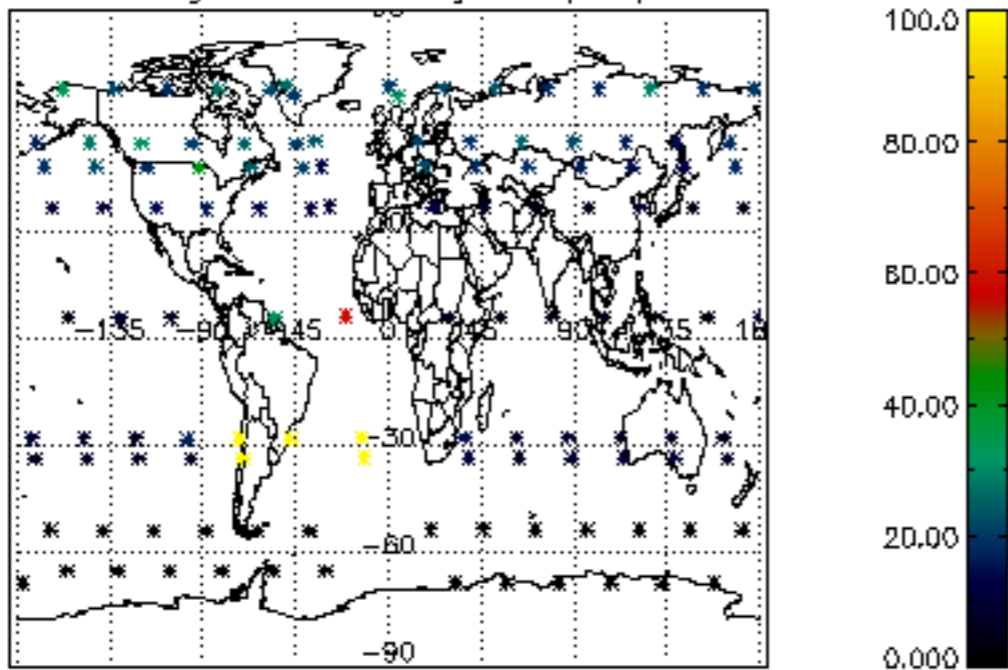




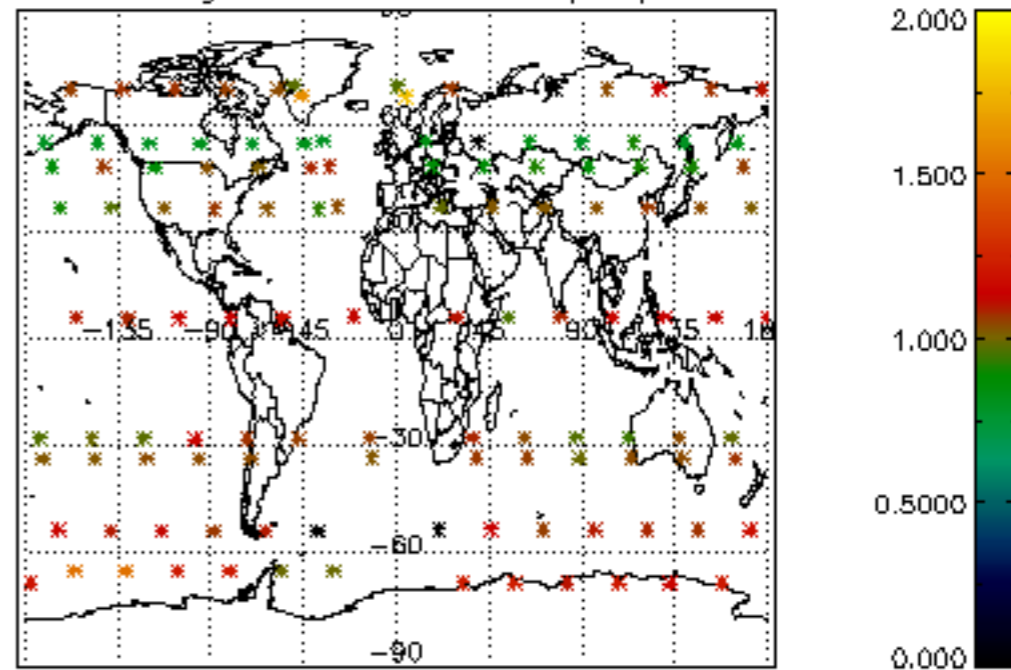




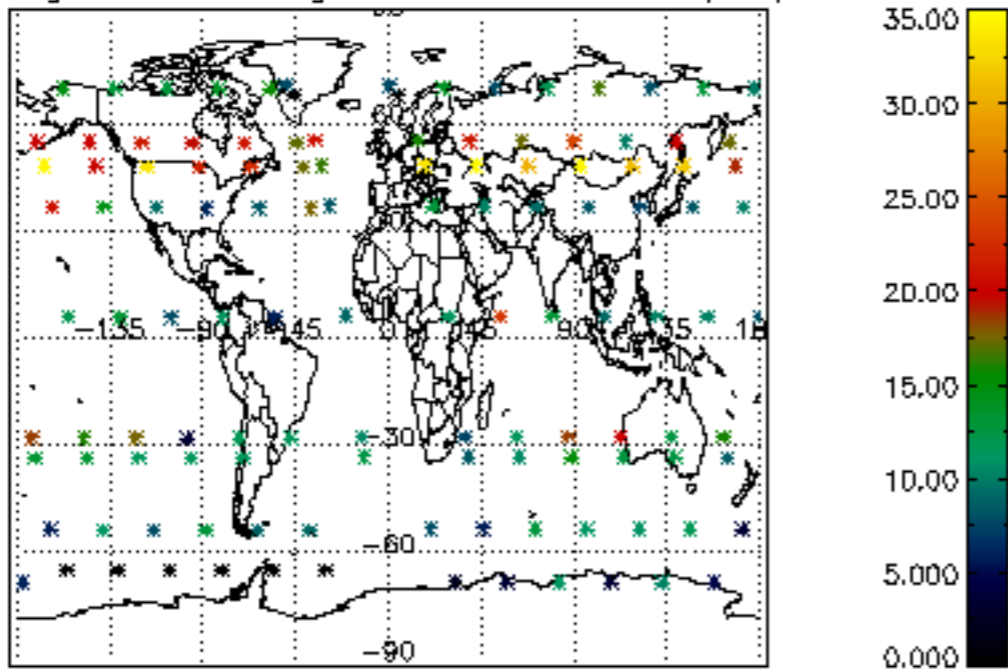
Percentage of cosmic ray hits per profile



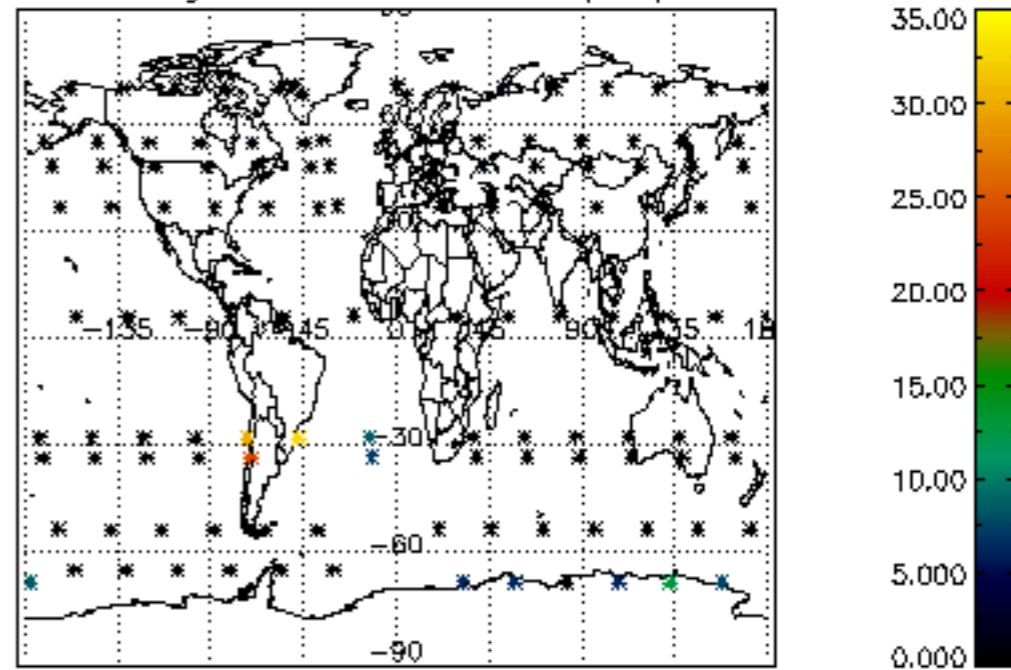
Percentage of datation errors per profile



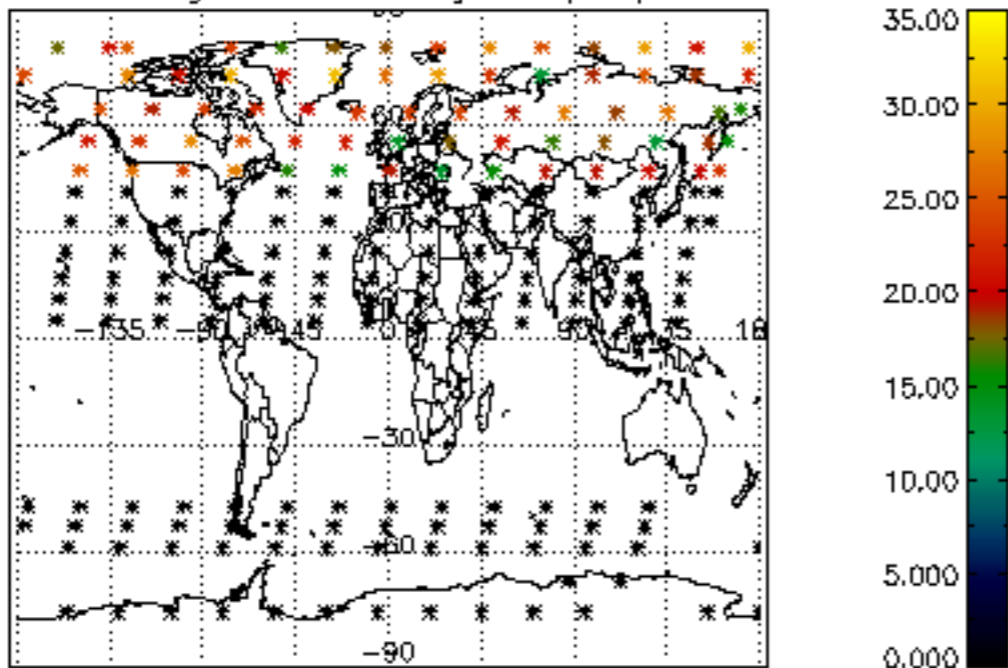
Percentage of star falling outside central band per profile



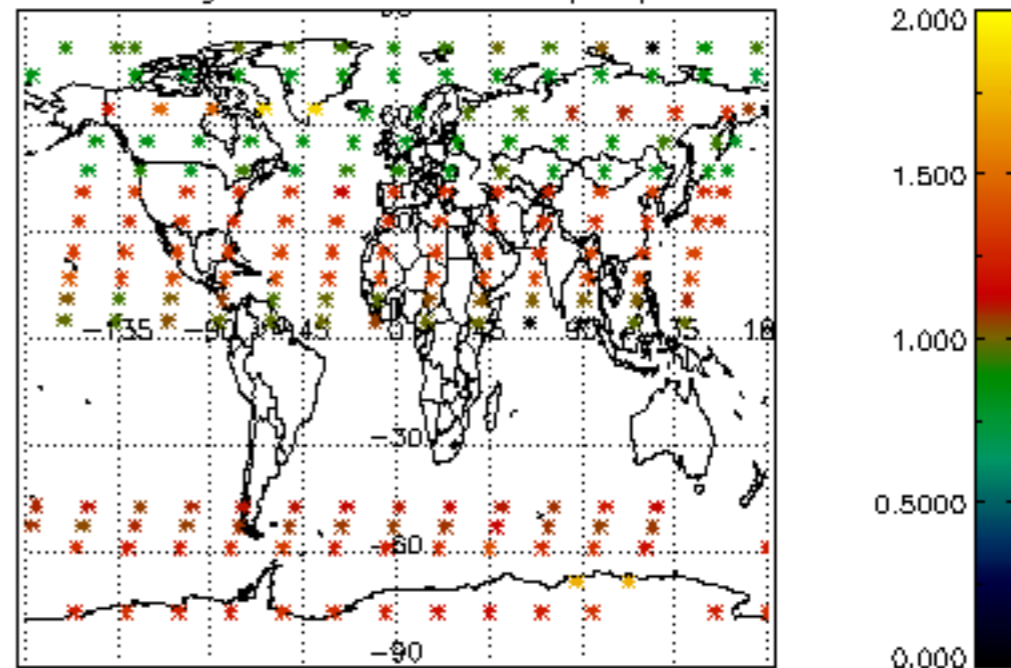
Percentage of saturation errors per profile



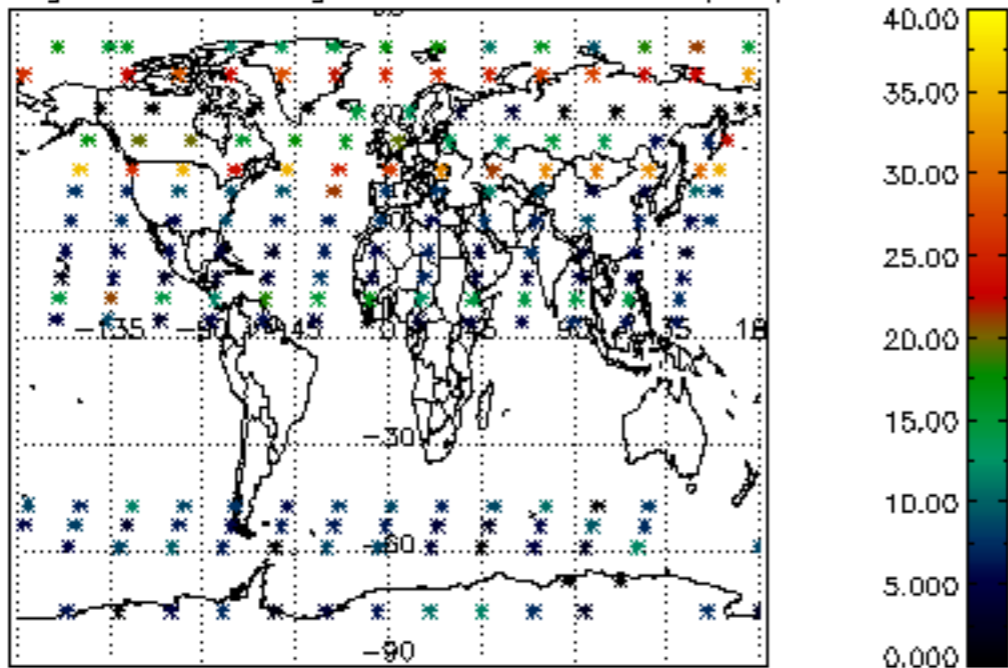
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

