

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	23APR2013 21:00:21
Data source version	GOMOS/6.01
Start time of products	14-05-2006 (14MAY2006 00:00:00)
Stop time of products	15-05-2006 (15MAY2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	167
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__2PRFIN20060514_000551_000000362047_00374_21971_9948.N1	14-MAY-2006 00:05:51	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	21971	No
2	GOM_NL__2PRFIN20060514_000843_000000332047_00374_21971_9949.N1	14-MAY-2006 00:08:43	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	21971	No
3	GOM_NL__2PRFIN20060514_001017_000000362047_00374_21971_9950.N1	14-MAY-2006 00:10:17	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	21971	No
4	GOM_NL__2PRFIN20060514_001604_000000382047_00374_21971_9951.N1	14-MAY-2006 00:16:04	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	21971	No
5	GOM_NL__2PRFIN20060514_002022_000000362047_00374_21971_9952.N1	14-MAY-2006 00:20:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	21971	No
6	GOM_NL__2PRFIN20060514_002833_000000342047_00374_21971_9953.N1	14-MAY-2006 00:28:33	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	21971	No
7	GOM_NL__2PRFIN20060514_002947_000000342047_00374_21971_9954.N1	14-MAY-2006 00:29:47	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	21971	No
8	GOM_NL__2PRFIN20060514_003806_000000432047_00374_21971_9955.N1	14-MAY-2006 00:38:06	Bright	42.500	58	21Alp And	2.0730	11000.	85	21971	No
9	GOM_NL__2PRFIN20060514_004211_000000422047_00374_21971_9956.N1	14-MAY-2006 00:42:11	Twilight	41.500	140	88Gam Peg	2.8340	26000.	83	21971	No
10	GOM_NL__2PRFIN20060514_005055_000000412047_00374_21971_9957.N1	14-MAY-2006 00:50:55	Dark	41.000	52	16Bet Cet	2.0370	4500.0	82	21971	No
11	GOM_NL__2PRFIN20060514_005744_000000422047_00374_21971_9958.N1	14-MAY-2006 00:57:44	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	21971	No
12	GOM_NL__2PRFIN20060514_010138_000000482047_00374_21971_9959.N1	14-MAY-2006 01:01:38	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	21971	No
13	GOM_NL__2PRFIN20060514_010303_000000442047_00374_21971_9960.N1	14-MAY-2006 01:03:03	Dark	43.500	31	Alp Gru	1.7340	15200.	87	21971	No
14	GOM_NL__2PRFIN20060514_010457_000000432047_00375_21972_9986.N1	14-MAY-2006 01:04:57	Dark	42.500	148	Alp Tuc	2.8780	4100.0	85	21972	No
15	GOM_NL__2PRFIN20060514_010838_000000422047_00375_21972_9987.N1	14-MAY-2006 01:08:38	Dark	42.000	45	Alp Pav	1.9400	26000.	84	21972	No
16	GOM_NL__2PRFIN20060514_011411_000000432047_00375_21972_9988.N1	14-MAY-2006 01:14:11	Straylight	43.000	43	Alp TrA	1.9100	4250.0	86	21972	No
17	GOM_NL__2PRFIN20060514_011622_000000422047_00375_21972_9989.N1	14-MAY-2006 01:16:22	Straylight	42.000	134	Bet TrA	2.8100	6600.0	84	21972	No
18	GOM_NL__2PRFIN20060514_012140_000000412047_00375_21972_9990.N1	14-MAY-2006 01:21:40	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	21972	No
19	GOM_NL__2PRFIN20060514_012311_000000402047_00375_21972_9991.N1	14-MAY-2006 01:23:11	Twilight	40.000	81	Eta Cen	2.3560	28000.	80	21972	No
20	GOM_NL__2PRFIN20060514_012507_000000402047_00375_21972_9992.N1	14-MAY-2006 01:25:07	Twilight	40.000	54	5The Cen	2.0550	4500.0	80	21972	No
21	GOM_NL__2PRFIN20060514_013024_000000392047_00375_21972_9993.N1	14-MAY-2006 01:30:24	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	21972	No
22	GOM_NL__2PRFIN20060514_014034_000000412047_00375_21972_9994.N1	14-MAY-2006 01:40:34	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	21972	No
23	GOM_NL__2PRFIN20060514_014627_000000352047_00375_21972_9995.N1	14-MAY-2006 01:46:27	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	21972	No
24	GOM_NL__2PRFIN20060514_014918_000000362047_00375_21972_9996.N1	14-MAY-2006 01:49:18	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	21972	No
25	GOM_NL__2PRFIN20060514_015053_000000362047_00375_21972_9997.N1	14-MAY-2006 01:50:53	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	21972	No
26	GOM_NL__2PRFIN20060514_015639_000000332047_00375_21972_9998.N1	14-MAY-2006 01:56:39	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	21972	No
27	GOM_NL__2PRFIN20060514_020058_000000342047_00375_21972_9999.N1	14-MAY-2006 02:00:58	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	21972	No
28	GOM_NL__2PRFIN20060514_020909_000000462047_00375_21972_0000.N1	14-MAY-2006 02:09:09	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	21972	No
29	GOM_NL__2PRFIN20060514_021023_000000372047_00375_21972_0001.N1	14-MAY-2006 02:10:23	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	21972	No
30	GOM_NL__2PRFIN20060514_021842_000000422047_00375_21972_0002.N1	14-MAY-2006 02:18:42	Bright	42.000	58	21Alp And	2.0730	11000.	84	21972	No
31	GOM_NL__2PRFIN20060514_022248_000000422047_00375_21972_0003.N1	14-MAY-2006 02:22:48	Twilight	41.500	140	88Gam Peg	2.8340	26000.	83	21972	No
32	GOM_NL__2PRFIN20060514_023131_000000442047_00375_21972_0004.N1	14-MAY-2006 02:31:31	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	21972	No
33	GOM_NL__2PRFIN20060514_023820_000000412047_00375_21972_0005.N1	14-MAY-2006 02:38:20	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	21972	No
34	GOM_NL__2PRFIN20060514_024214_000000572047_00375_21972_0006.N1	14-MAY-2006 02:42:14	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	21972	No
35	GOM_NL__2PRFIN20060514_024340_000000472047_00375_21972_0007.N1	14-MAY-2006 02:43:40	Dark	46.500	31	Alp Gru	1.7340	15200.	93	21972	No
36	GOM_NL__2PRFIN20060514_024534_000000382047_00376_21973_9944.N1	14-MAY-2006 02:45:34	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	21973	No
37	GOM_NL__2PRFIN20060514_024914_000000422047_00376_21973_9945.N1	14-MAY-2006 02:49:14	Dark	42.000	45	Alp Pav	1.9400	26000.	84	21973	No
38	GOM_NL__2PRFIN20060514_025447_000000382047_00376_21973_9946.N1	14-MAY-2006 02:54:47	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	21973	No
39	GOM_NL__2PRFIN20060514_025658_000000392047_00376_21973_9947.N1	14-MAY-2006 02:56:58	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	21973	No
40	GOM_NL__2PRFIN20060514_030216_000000412047_00376_21973_9948.N1	14-MAY-2006 03:02:16	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	21973	No
41	GOM_NL__2PRFIN20060514_030347_000000402047_00376_21973_9949.N1	14-MAY-2006 03:03:47	Twilight	39.500	81	Eta Cen	2.3560	28000.	79	21973	No
42	GOM_NL__2PRFIN20060514_030543_000000442047_00376_21973_9950.N1	14-MAY-2006 03:05:43	Twilight	43.500	54	5The Cen	2.0550	4500.0	87	21973	No

43	GOM_NL__2PRFIN20060514_031100_000000392047_00376_21973_9951.N1	14-MAY-2006 03:11:00	Bright	38.500	122	9Alp2Lib	2.7470	9700.0	77	21973	No
44	GOM_NL__2PRFIN20060514_032110_000000352047_00376_21973_9952.N1	14-MAY-2006 03:21:10	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	21973	No
45	GOM_NL__2PRFIN20060514_032704_000000352047_00376_21973_9953.N1	14-MAY-2006 03:27:04	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	21973	No
46	GOM_NL__2PRFIN20060514_032954_000000352047_00376_21973_9954.N1	14-MAY-2006 03:29:54	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	21973	No
47	GOM_NL__2PRFIN20060514_033129_000000352047_00376_21973_9955.N1	14-MAY-2006 03:31:29	Bright	34.500	55	79Zet UMa	2.0600	10200.	69	21973	No
48	GOM_NL__2PRFIN20060514_033715_000000382047_00376_21973_9956.N1	14-MAY-2006 03:37:15	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	21973	No
49	GOM_NL__2PRFIN20060514_034134_000000362047_00376_21973_9957.N1	14-MAY-2006 03:41:34	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	21973	No
50	GOM_NL__2PRFIN20060514_034946_000000532047_00376_21973_9958.N1	14-MAY-2006 03:49:46	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	21973	No
51	GOM_NL__2PRFIN20060514_035059_000000372047_00376_21973_9959.N1	14-MAY-2006 03:50:59	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	21973	No
52	GOM_NL__2PRFIN20060514_035918_000000452047_00376_21973_9960.N1	14-MAY-2006 03:59:18	Bright	44.500	58	21Alp And	2.0730	11000.	89	21973	No
53	GOM_NL__2PRFIN20060514_040324_000000412047_00376_21973_9961.N1	14-MAY-2006 04:03:24	Twilight	41.000	140	88Gam Peg	2.8340	26000.	82	21973	No
54	GOM_NL__2PRFIN20060514_041207_000000432047_00376_21973_9962.N1	14-MAY-2006 04:12:07	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	21973	No
55	GOM_NL__2PRFIN20060514_041856_000000432047_00376_21973_9963.N1	14-MAY-2006 04:18:56	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	21973	No
56	GOM_NL__2PRFIN20060514_042251_000000572047_00376_21973_9964.N1	14-MAY-2006 04:22:51	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	21973	No
57	GOM_NL__2PRFIN20060514_042416_000000422047_00376_21973_9965.N1	14-MAY-2006 04:24:16	Dark	41.500	31	Alp Gru	1.7340	15200.	83	21973	No
58	GOM_NL__2PRFIN20060514_042610_000000382047_00377_21974_9946.N1	14-MAY-2006 04:26:10	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	21974	No
59	GOM_NL__2PRFIN20060514_042951_000000412047_00377_21974_9947.N1	14-MAY-2006 04:29:51	Dark	41.000	45	Alp Pav	1.9400	26000.	82	21974	No
60	GOM_NL__2PRFIN20060514_043523_000000412047_00377_21974_9948.N1	14-MAY-2006 04:35:23	Straylight	40.500	43	Alp TrA	1.9100	4250.0	81	21974	No
61	GOM_NL__2PRFIN20060514_043734_000000372047_00377_21974_9949.N1	14-MAY-2006 04:37:34	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	21974	No
62	GOM_NL__2PRFIN20060514_044253_000000392047_00377_21974_9950.N1	14-MAY-2006 04:42:53	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	21974	No
63	GOM_NL__2PRFIN20060514_044423_000000382047_00377_21974_9951.N1	14-MAY-2006 04:44:23	Twi_and_stray	37.500	81	Eta Cen	2.3560	28000.	75	21974	No
64	GOM_NL__2PRFIN20060514_044620_000000422047_00377_21974_9952.N1	14-MAY-2006 04:46:20	Twi_and_stray	42.000	54	5The Cen	2.0550	4500.0	84	21974	No
65	GOM_NL__2PRFIN20060514_045136_000000392047_00377_21974_9953.N1	14-MAY-2006 04:51:36	Bright	38.500	122	9Alp2Lib	2.7470	9700.0	77	21974	No
66	GOM_NL__2PRFIN20060514_050146_000000352047_00377_21974_9954.N1	14-MAY-2006 05:01:46	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	21974	No
67	GOM_NL__2PRFIN20060514_050740_000000342047_00377_21974_9955.N1	14-MAY-2006 05:07:40	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	21974	No
68	GOM_NL__2PRFIN20060514_051030_000000362047_00377_21974_9956.N1	14-MAY-2006 05:10:30	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	21974	No
69	GOM_NL__2PRFIN20060514_051205_000000362047_00377_21974_9957.N1	14-MAY-2006 05:12:05	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	21974	No
70	GOM_NL__2PRFIN20060514_051751_000000382047_00377_21974_9958.N1	14-MAY-2006 05:17:51	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	21974	No
71	GOM_NL__2PRFIN20060514_052210_000000362047_00377_21974_9959.N1	14-MAY-2006 05:22:10	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	21974	No
72	GOM_NL__2PRFIN20060514_053021_000000452047_00377_21974_9960.N1	14-MAY-2006 05:30:21	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	21974	No
73	GOM_NL__2PRFIN20060514_053135_000000362047_00377_21974_9961.N1	14-MAY-2006 05:31:35	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	21974	No
74	GOM_NL__2PRFIN20060514_053954_000000412047_00377_21974_9962.N1	14-MAY-2006 05:39:54	Bright	41.000	58	21Alp And	2.0730	11000.	82	21974	No
75	GOM_NL__2PRFIN20060514_054400_000000412047_00377_21974_9963.N1	14-MAY-2006 05:44:00	Twilight	41.000	140	88Gam Peg	2.8340	26000.	82	21974	No
76	GOM_NL__2PRFIN20060514_055244_000000452047_00377_21974_9964.N1	14-MAY-2006 05:52:44	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	21974	No
77	GOM_NL__2PRFIN20060514_055933_000000422047_00377_21974_9965.N1	14-MAY-2006 05:59:33	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	21974	No
78	GOM_NL__2PRFIN20060514_060328_000000552047_00377_21974_9966.N1	14-MAY-2006 06:03:28	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	21974	No
79	GOM_NL__2PRFIN20060514_060453_000000432047_00377_21974_9967.N1	14-MAY-2006 06:04:53	Dark	43.000	31	Alp Gru	1.7340	15200.	86	21974	No
80	GOM_NL__2PRFIN20060514_060647_000000462047_00378_21975_9947.N1	14-MAY-2006 06:06:47	Dark	46.000	148	Alp Tuc	2.8780	4100.0	92	21975	No
81	GOM_NL__2PRFIN20060514_061028_000000422047_00378_21975_9948.N1	14-MAY-2006 06:10:28	Dark	42.000	45	Alp Pav	1.9400	26000.	84	21975	No
82	GOM_NL__2PRFIN20060514_061600_000000412047_00378_21975_9949.N1	14-MAY-2006 06:16:00	Straylight	40.500	43	Alp TrA	1.9100	4250.0	81	21975	No
83	GOM_NL__2PRFIN20060514_061810_000000392047_00378_21975_9950.N1	14-MAY-2006 06:18:10	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	21975	No
84	GOM_NL__2PRFIN20060514_062329_000000402047_00378_21975_9951.N1	14-MAY-2006 06:23:29	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	21975	No
85	GOM_NL__2PRFIN20060514_062459_000000402047_00378_21975_9952.N1	14-MAY-2006 06:24:59	Twi_and_stray	39.500	81	Eta Cen	2.3560	28000.	79	21975	No
86	GOM_NL__2PRFIN20060514_062656_000000452047_00378_21975_9953.N1	14-MAY-2006 06:26:56	Twi_and_stray	45.000	54	5The Cen	2.0550	4500.0	90	21975	No
87	GOM_NL__2PRFIN20060514_063213_000000382047_00378_21975_9954.N1	14-MAY-2006 06:32:13	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	21975	No
88	GOM_NL__2PRFIN20060514_064222_000000352047_00378_21975_9955.N1	14-MAY-2006 06:42:22	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	21975	No
89	GOM_NL__2PRFIN20060514_064816_000000342047_00378_21975_9956.N1	14-MAY-2006 06:48:16	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	21975	No
90	GOM_NL__2PRFIN20060514_065106_000000372047_00378_21975_9957.N1	14-MAY-2006 06:51:06	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	21975	No
91	GOM_NL__2PRFIN20060514_065241_000000362047_00378_21975_9958.N1	14-MAY-2006 06:52:41	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	21975	No
92	GOM_NL__2PRFIN20060514_065827_000000402047_00378_21975_9959.N1	14-MAY-2006 06:58:27	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	21975	No
93	GOM_NL__2PRFIN20060514_070246_000000332047_00378_21975_9960.N1	14-MAY-2006 07:02:46	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	21975	No
94	GOM_NL__2PRFIN20060514_071058_000000342047_00378_21975_9961.N1	14-MAY-2006 07:10:58	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	21975	No
95	GOM_NL__2PRFIN20060514_071211_000000362047_00378_21975_9962.N1	14-MAY-2006 07:12:11	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	21975	No
96	GOM_NL__2PRFIN20060514_072030_000000452047_00378_21975_9963.N1	14-MAY-2006 07:20:30	Bright	45.000	58	21Alp And	2.0730	11000.	90	21975	No
97	GOM_NL__2PRFIN20060514_072436_000000432047_00378_21975_9964.N1	14-MAY-2006 07:24:36	Twilight	43.000	140	88Gam Peg	2.8340	26000.	86	21975	No
98	GOM_NL__2PRFIN20060514_073320_000000502047_00378_21975_9965.N1	14-MAY-2006 07:33:20	Dark	50.000	52	16Bet Cet	2.0370	4500.0	100	21975	No
99	GOM_NL__2PRFIN20060514_074009_000000432047_00378_21975_9966.N1	14-MAY-2006 07:40:09	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	21975	No
100	GOM_NL__2PRFIN20060514_074404_000000472047_00378_21975_9967.N1	14-MAY-2006 07:44:04	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	21975	No
101	GOM_NL__2PRFIN20060514_074530_000000472047_00378_21975_9968.N1	14-MAY-2006 07:45:30	Dark	47.000	31	Alp Gru	1.7340	15200.	94	21975	No

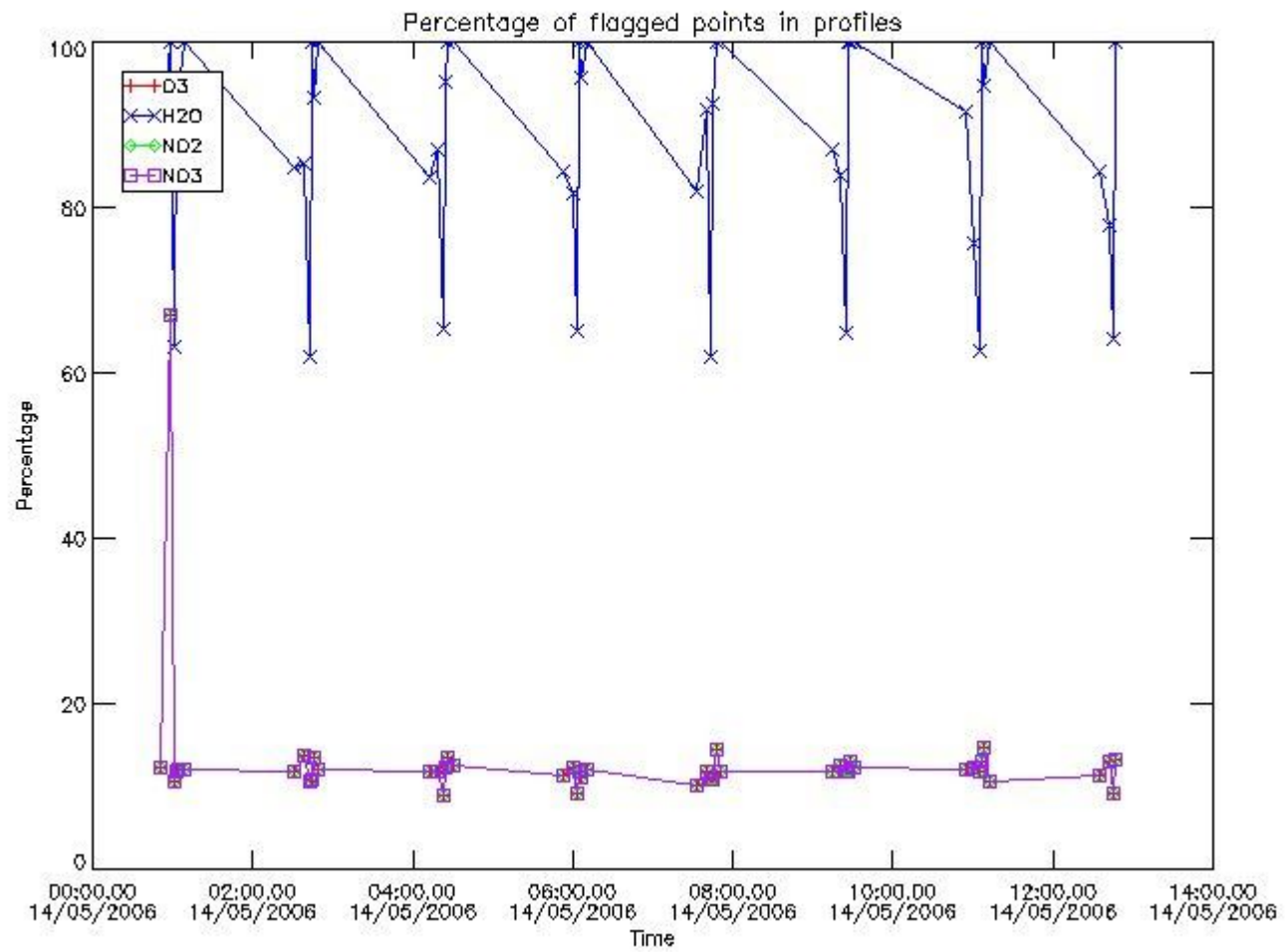
102	GOM_NL__2PRFIN20060514_074723_000000392047_00379_21976_9948.N1	14-MAY-2006 07:47:23	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	21976	No
103	GOM_NL__2PRFIN20060514_075104_000000432047_00379_21976_9949.N1	14-MAY-2006 07:51:04	Dark	43.000	45	Alp Pav	1.9400	26000.	86	21976	No
104	GOM_NL__2PRFIN20060514_075636_000000402047_00379_21976_9950.N1	14-MAY-2006 07:56:36	Straylight	40.000	43	Alp TrA	1.9100	4250.0	80	21976	No
105	GOM_NL__2PRFIN20060514_075847_000000412047_00379_21976_9951.N1	14-MAY-2006 07:58:47	Straylight	40.500	134	Bet TrA	2.8100	6600.0	81	21976	No
106	GOM_NL__2PRFIN20060514_080405_000000392047_00379_21976_9952.N1	14-MAY-2006 08:04:05	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	21976	No
107	GOM_NL__2PRFIN20060514_080536_000000392047_00379_21976_9953.N1	14-MAY-2006 08:05:36	Tw_i_and_stray	38.500	81	Eta Cen	2.3560	28000.	77	21976	No
108	GOM_NL__2PRFIN20060514_080732_000000412047_00379_21976_9954.N1	14-MAY-2006 08:07:32	Tw_i_and_stray	40.500	54	5The Cen	2.0550	4500.0	81	21976	No
109	GOM_NL__2PRFIN20060514_081248_000000392047_00379_21976_9955.N1	14-MAY-2006 08:12:48	Bright	38.500	122	9Alp2Lib	2.7470	9700.0	77	21976	No
110	GOM_NL__2PRFIN20060514_082257_000000352047_00379_21976_9956.N1	14-MAY-2006 08:22:57	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	21976	No
111	GOM_NL__2PRFIN20060514_082852_000000352047_00379_21976_9957.N1	14-MAY-2006 08:28:52	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	21976	No
112	GOM_NL__2PRFIN20060514_083142_000000362047_00379_21976_9958.N1	14-MAY-2006 08:31:42	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	21976	No
113	GOM_NL__2PRFIN20060514_083317_000000372047_00379_21976_9959.N1	14-MAY-2006 08:33:17	Bright	37.000	55	79Zet UMa	2.0600	10200.	74	21976	No
114	GOM_NL__2PRFIN20060514_083903_000000382047_00379_21976_9960.N1	14-MAY-2006 08:39:03	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	21976	No
115	GOM_NL__2PRFIN20060514_084322_000000332047_00379_21976_9961.N1	14-MAY-2006 08:43:22	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	21976	No
116	GOM_NL__2PRFIN20060514_085133_000000532047_00379_21976_9962.N1	14-MAY-2006 08:51:33	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	21976	No
117	GOM_NL__2PRFIN20060514_085247_000000342047_00379_21976_9963.N1	14-MAY-2006 08:52:47	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	21976	No
118	GOM_NL__2PRFIN20060514_090106_000000432047_00379_21976_9964.N1	14-MAY-2006 09:01:06	Bright	42.500	58	21Alp And	2.0730	11000.	85	21976	No
119	GOM_NL__2PRFIN20060514_090513_000000422047_00379_21976_9965.N1	14-MAY-2006 09:05:13	Twilight	42.000	140	88Gam Peg	2.8340	26000.	84	21976	No
120	GOM_NL__2PRFIN20060514_091356_000000432047_00379_21976_9966.N1	14-MAY-2006 09:13:56	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	21976	No
121	GOM_NL__2PRFIN20060514_092045_000000412047_00379_21976_9967.N1	14-MAY-2006 09:20:45	Dark	40.500	84	Alp Phe	2.3970	4500.0	81	21976	No
122	GOM_NL__2PRFIN20060514_092441_000000432047_00379_21976_9968.N1	14-MAY-2006 09:24:41	Dark	43.000	63	Bet Gru	2.1500	2800.0	86	21976	No
123	GOM_NL__2PRFIN20060514_092606_000000442047_00379_21976_9969.N1	14-MAY-2006 09:26:06	Dark	43.500	31	Alp Gru	1.7340	15200.	87	21976	No
124	GOM_NL__2PRFIN20060514_092800_000000392047_00380_21977_9949.N1	14-MAY-2006 09:28:00	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	21977	No
125	GOM_NL__2PRFIN20060514_093141_000000422047_00380_21977_9950.N1	14-MAY-2006 09:31:41	Dark	41.500	45	Alp Pav	1.9400	26000.	83	21977	No
126	GOM_NL__2PRFIN20060514_093712_000000412047_00380_21977_9951.N1	14-MAY-2006 09:37:12	Straylight	40.500	43	Alp TrA	1.9100	4250.0	81	21977	No
127	GOM_NL__2PRFIN20060514_093923_000000382047_00380_21977_9952.N1	14-MAY-2006 09:39:23	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	21977	No
128	GOM_NL__2PRFIN20060514_094441_000000382047_00380_21977_9953.N1	14-MAY-2006 09:44:41	Straylight	37.500	78	Alp Lup	2.3040	28000.	75	21977	No
129	GOM_NL__2PRFIN20060514_094612_000000372047_00380_21977_9954.N1	14-MAY-2006 09:46:12	Tw_i_and_stray	36.500	81	Eta Cen	2.3560	28000.	73	21977	No
130	GOM_NL__2PRFIN20060514_094808_000000432047_00380_21977_9955.N1	14-MAY-2006 09:48:08	Tw_i_and_stray	42.500	54	5The Cen	2.0550	4500.0	85	21977	No
131	GOM_NL__2PRFIN20060514_095325_000000382047_00380_21977_9956.N1	14-MAY-2006 09:53:25	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	21977	No
132	GOM_NL__2PRFIN20060514_100333_000000372047_00380_21977_9957.N1	14-MAY-2006 10:03:33	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	21977	No
133	GOM_NL__2PRFIN20060514_100928_000000352047_00380_21977_9958.N1	14-MAY-2006 10:09:28	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	21977	No
134	GOM_NL__2PRFIN20060514_101218_000000372047_00380_21977_9959.N1	14-MAY-2006 10:12:18	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	21977	No
135	GOM_NL__2PRFIN20060514_101353_000000362047_00380_21977_9960.N1	14-MAY-2006 10:13:53	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	21977	No
136	GOM_NL__2PRFIN20060514_101938_000000392047_00380_21977_9961.N1	14-MAY-2006 10:19:38	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	21977	No
137	GOM_NL__2PRFIN20060514_102358_000000362047_00380_21977_9962.N1	14-MAY-2006 10:23:58	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	21977	No
138	GOM_NL__2PRFIN20060514_103209_000000342047_00380_21977_9963.N1	14-MAY-2006 10:32:09	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	21977	No
139	GOM_NL__2PRFIN20060514_103323_000000362047_00380_21977_9964.N1	14-MAY-2006 10:33:23	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	21977	No
140	GOM_NL__2PRFIN20060514_104142_000000442047_00380_21977_9965.N1	14-MAY-2006 10:41:42	Bright	43.500	58	21Alp And	2.0730	11000.	87	21977	No
141	GOM_NL__2PRFIN20060514_104549_000000422047_00380_21977_9966.N1	14-MAY-2006 10:45:49	Twilight	42.000	140	88Gam Peg	2.8340	26000.	84	21977	No
142	GOM_NL__2PRFIN20060514_105432_000000432047_00380_21977_9967.N1	14-MAY-2006 10:54:32	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	21977	No
143	GOM_NL__2PRFIN20060514_110121_000000422047_00380_21977_9968.N1	14-MAY-2006 11:01:21	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	21977	No
144	GOM_NL__2PRFIN20060514_110517_000000572047_00380_21977_9969.N1	14-MAY-2006 11:05:17	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	21977	No
145	GOM_NL__2PRFIN20060514_110643_000000432047_00380_21977_9970.N1	14-MAY-2006 11:06:43	Dark	43.000	31	Alp Gru	1.7340	15200.	86	21977	No
146	GOM_NL__2PRFIN20060514_110836_000000382047_00381_21978_9950.N1	14-MAY-2006 11:08:36	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	21978	No
147	GOM_NL__2PRFIN20060514_111218_000000492047_00381_21978_9951.N1	14-MAY-2006 11:12:18	Dark	48.500	45	Alp Pav	1.9400	26000.	97	21978	No
148	GOM_NL__2PRFIN20060514_111748_000000402047_00381_21978_9952.N1	14-MAY-2006 11:17:48	Straylight	39.500	43	Alp TrA	1.9100	4250.0	79	21978	No
149	GOM_NL__2PRFIN20060514_111959_000000372047_00381_21978_9953.N1	14-MAY-2006 11:19:59	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	21978	No
150	GOM_NL__2PRFIN20060514_112517_000000362047_00381_21978_9954.N1	14-MAY-2006 11:25:17	Straylight	36.000	78	Alp Lup	2.3040	28000.	72	21978	No
151	GOM_NL__2PRFIN20060514_112648_000000372047_00381_21978_9955.N1	14-MAY-2006 11:26:48	Tw_i_and_stray	37.000	81	Eta Cen	2.3560	28000.	74	21978	No
152	GOM_NL__2PRFIN20060514_112844_000000442047_00381_21978_9956.N1	14-MAY-2006 11:28:44	Tw_i_and_stray	43.500	54	5The Cen	2.0550	4500.0	87	21978	No
153	GOM_NL__2PRFIN20060514_113401_000000382047_00381_21978_9957.N1	14-MAY-2006 11:34:01	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	21978	No
154	GOM_NL__2PRFIN20060514_114409_000000362047_00381_21978_9958.N1	14-MAY-2006 11:44:09	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	21978	No
155	GOM_NL__2PRFIN20060514_115004_000000352047_00381_21978_9959.N1	14-MAY-2006 11:50:04	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	21978	No
156	GOM_NL__2PRFIN20060514_115254_000000372047_00381_21978_9960.N1	14-MAY-2006 11:52:54	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	21978	No
157	GOM_NL__2PRFIN20060514_115428_000000372047_00381_21978_9961.N1	14-MAY-2006 11:54:28	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	21978	No
158	GOM_NL__2PRFIN20060514_120014_000000372047_00381_21978_9962.N1	14-MAY-2006 12:00:14	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	21978	No
159	GOM_NL__2PRFIN20060514_120434_000000362047_00381_21978_9963.N1	14-MAY-2006 12:04:34	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	21978	No
160	GOM_NL__2PRFIN20060514_121245_000000362047_00381_21978_9964.N1	14-MAY-2006 12:12:45	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	21978	No

161	GOM_NL__2PRFIN20060514_121359_000000352047_00381_21978_9965.N1	14-MAY-2006 12:13:59	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	21978	No
162	GOM_NL__2PRFIN20060514_122219_000000412047_00381_21978_9966.N1	14-MAY-2006 12:22:19	Bright	41.000	58	21Alp And	2.0730	11000.	82	21978	No
163	GOM_NL__2PRFIN20060514_122625_000000422047_00381_21978_9967.N1	14-MAY-2006 12:26:25	Twilight	41.500	140	88Gam Peg	2.8340	26000.	83	21978	No
164	GOM_NL__2PRFIN20060514_123508_000000452047_00381_21978_9968.N1	14-MAY-2006 12:35:08	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	21978	No
165	GOM_NL__2PRFIN20060514_124157_000000392047_00381_21978_9969.N1	14-MAY-2006 12:41:57	Dark	39.000	84	Alp Phe	2.3970	4500.0	78	21978	No
166	GOM_NL__2PRFIN20060514_124554_000000562047_00381_21978_9970.N1	14-MAY-2006 12:45:54	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	21978	No
167	GOM_NL__2PRFIN20060514_124720_000000422047_00381_21978_9971.N1	14-MAY-2006 12:47:20	Dark	41.500	31	Alp Gru	1.7340	15200.	83	21978	No

3. Quality information per product

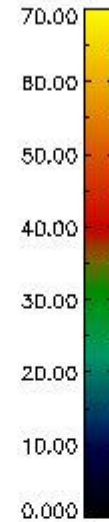
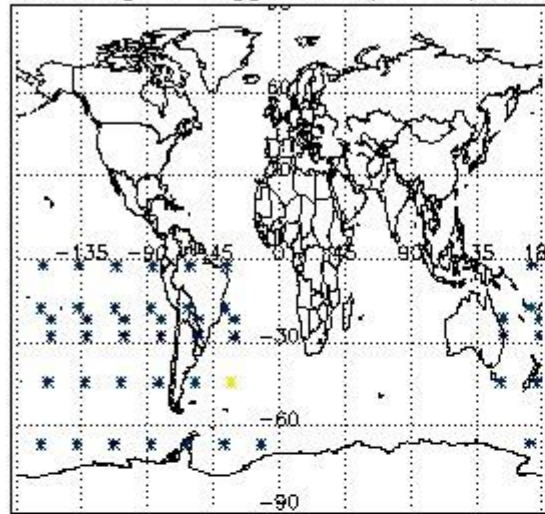
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

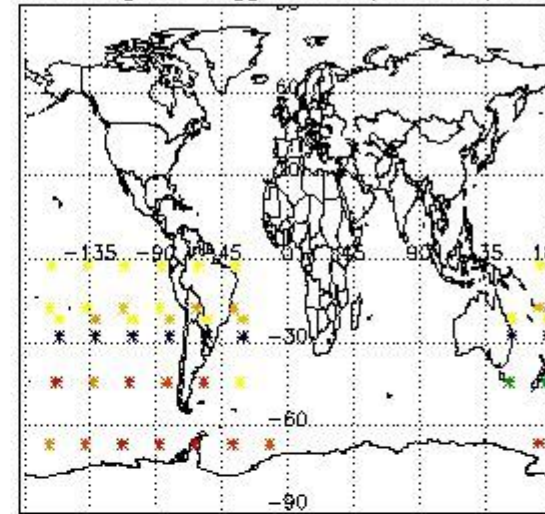


3.2 Plot quality information per product (world map)

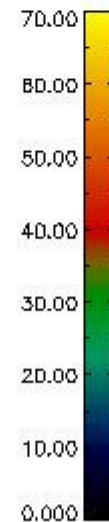
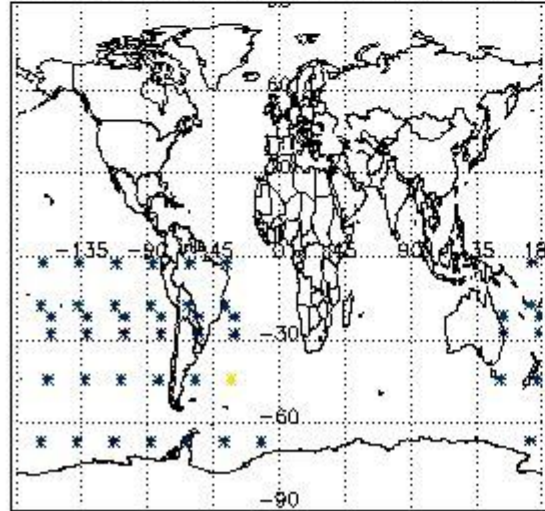
Percentage of flagged data per O3 profile



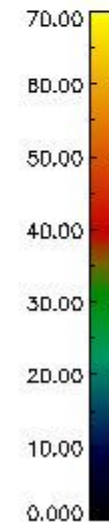
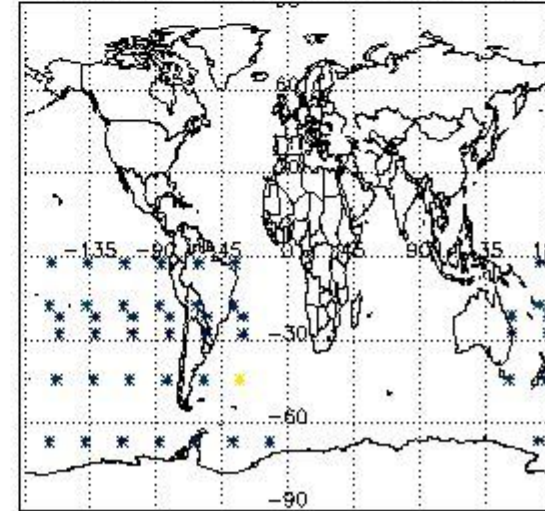
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

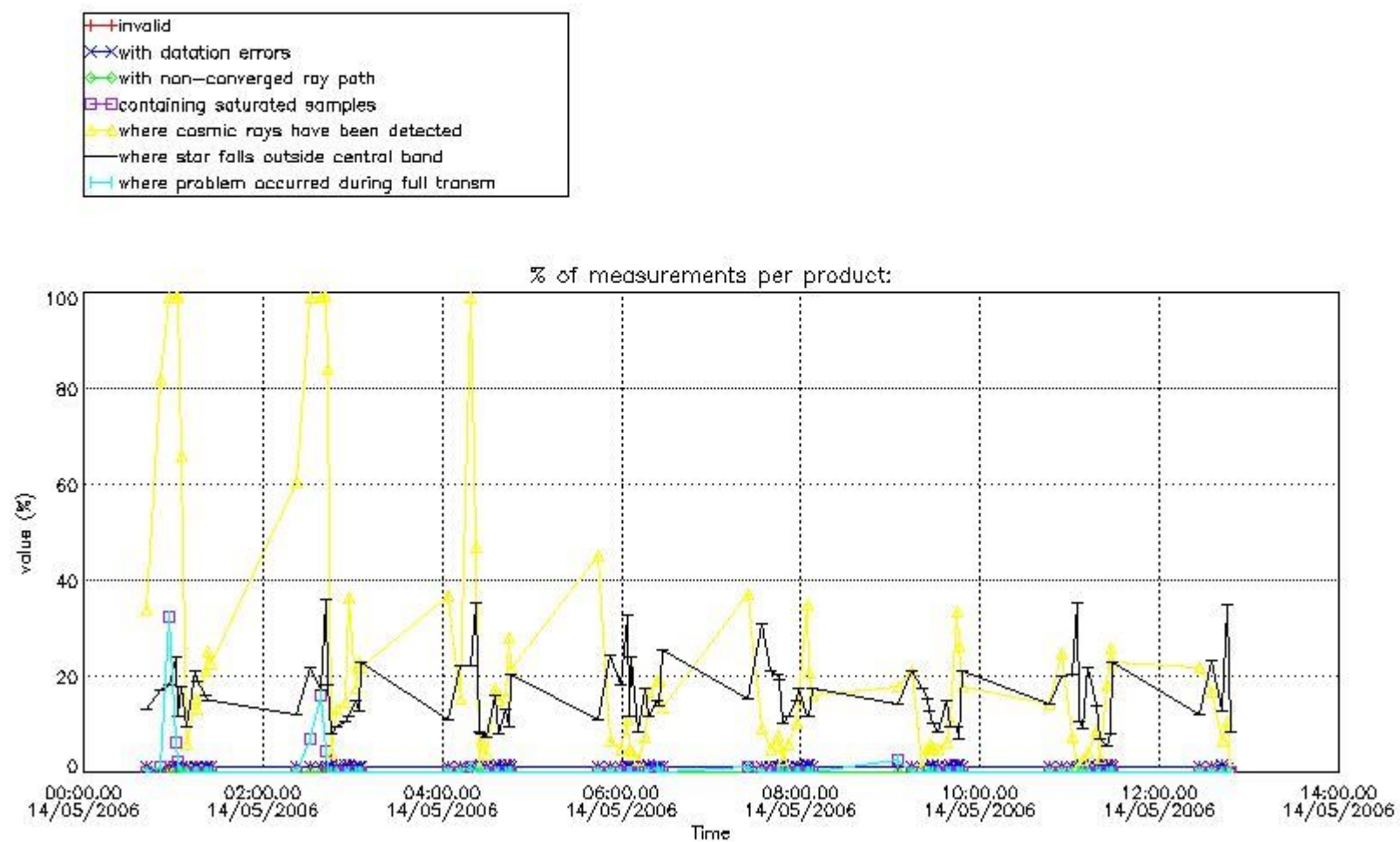


4. Level 1 quality information per product

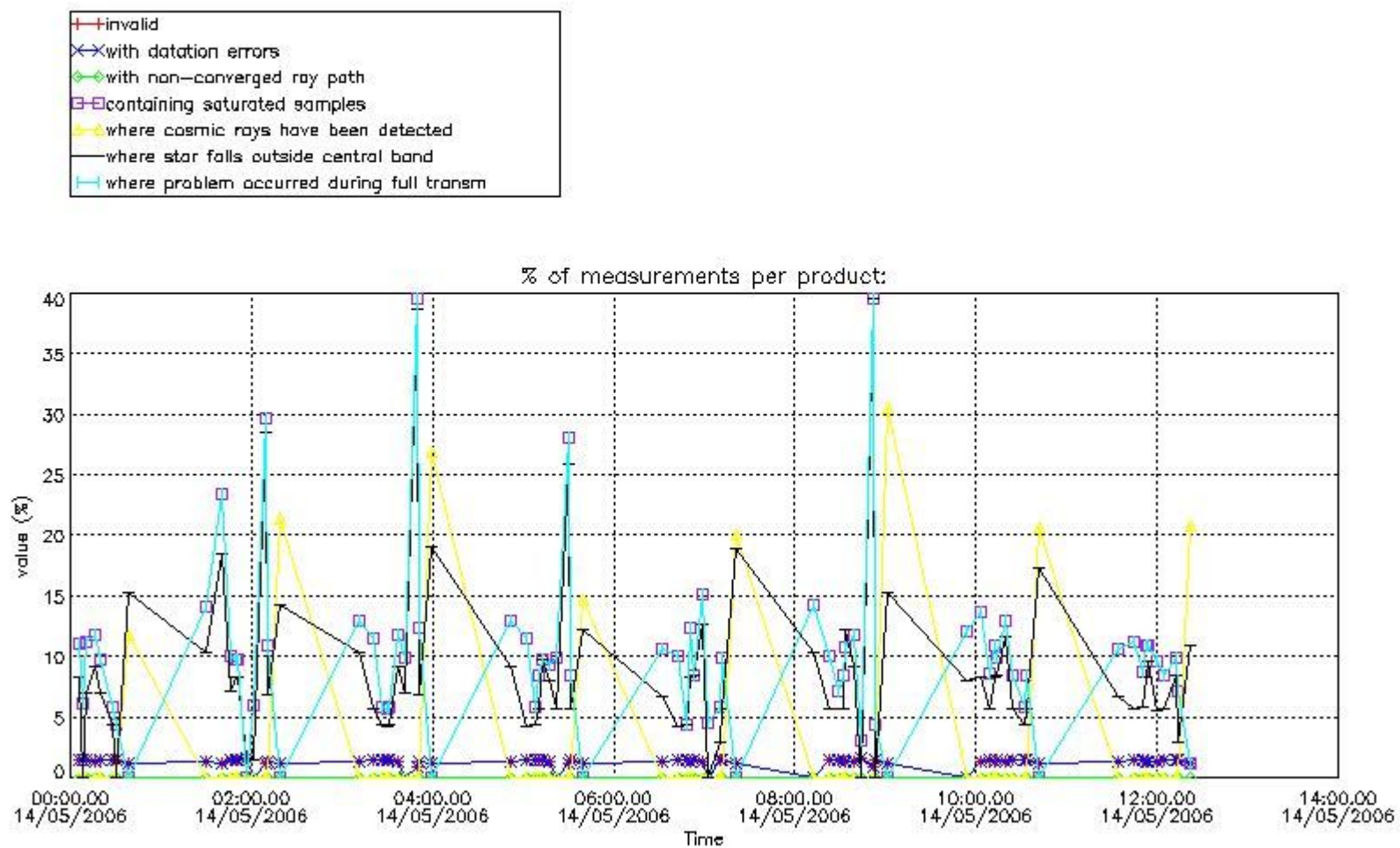
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



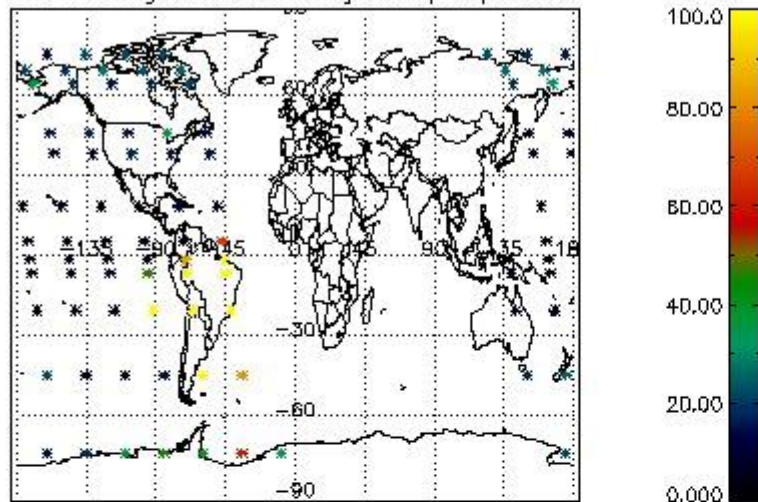
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



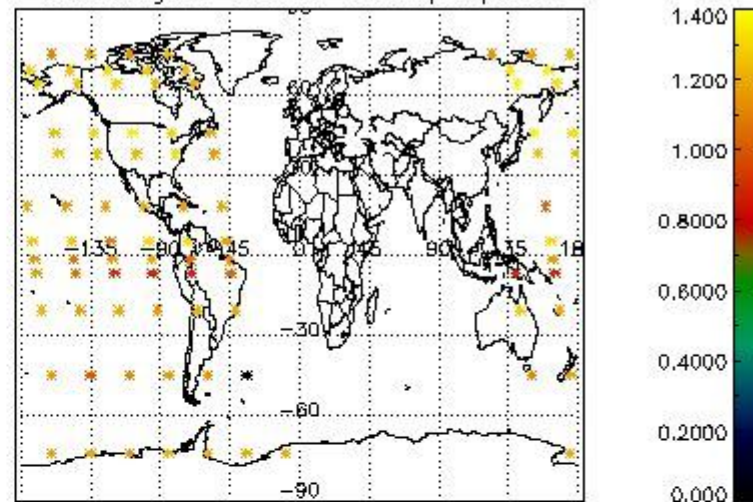
4.2 Plot quality information per product coming from level 1b processing (world map)

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

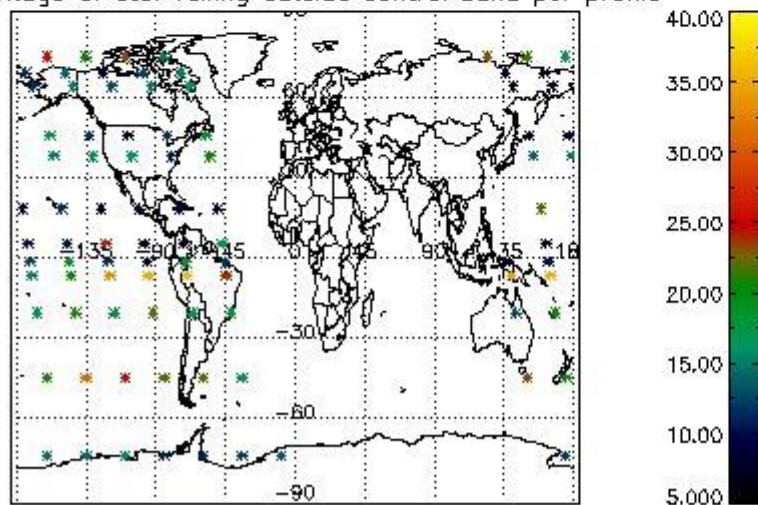
Percentage of cosmic ray hits per profile



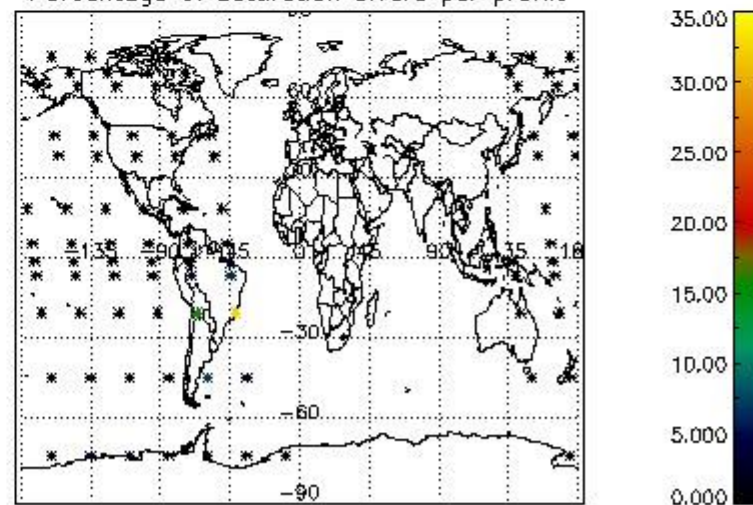
Percentage of datation errors per profile



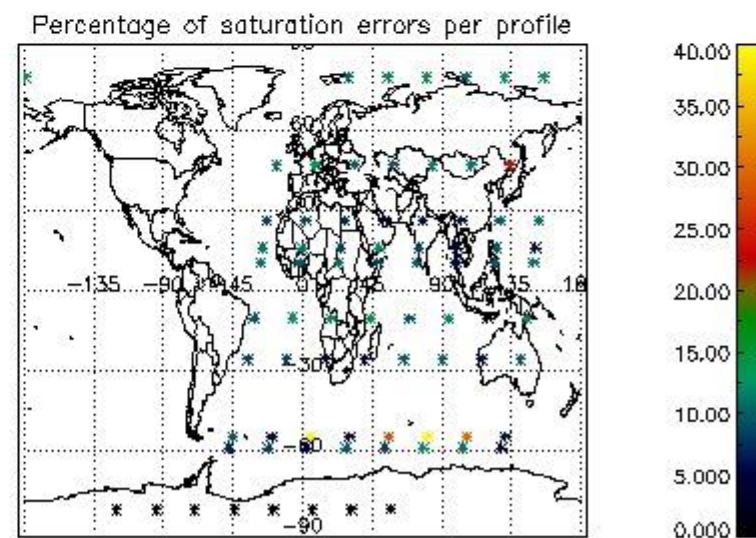
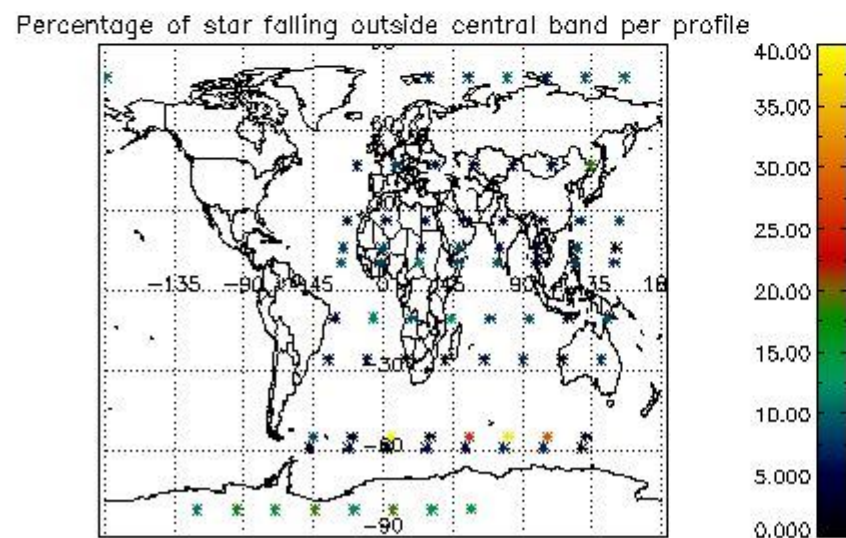
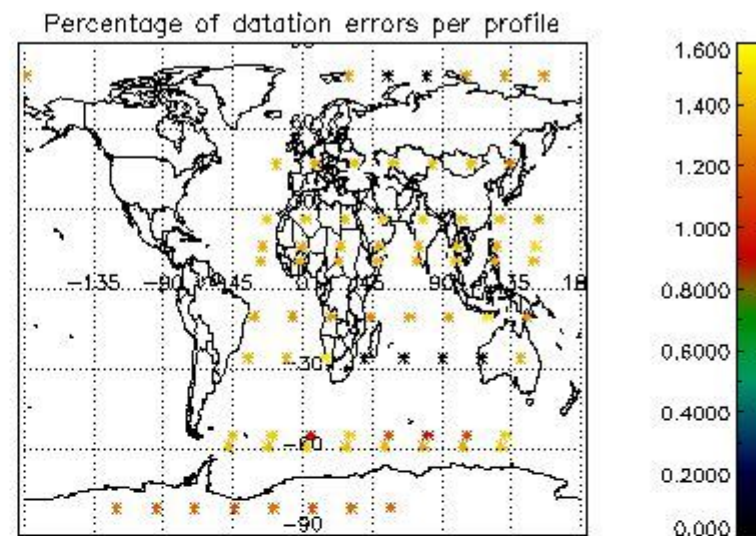
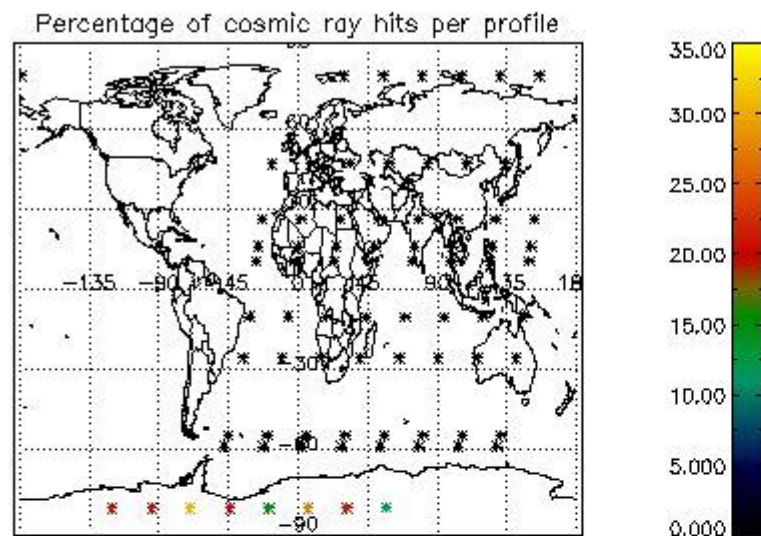
Percentage of star falling outside central band per profile



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

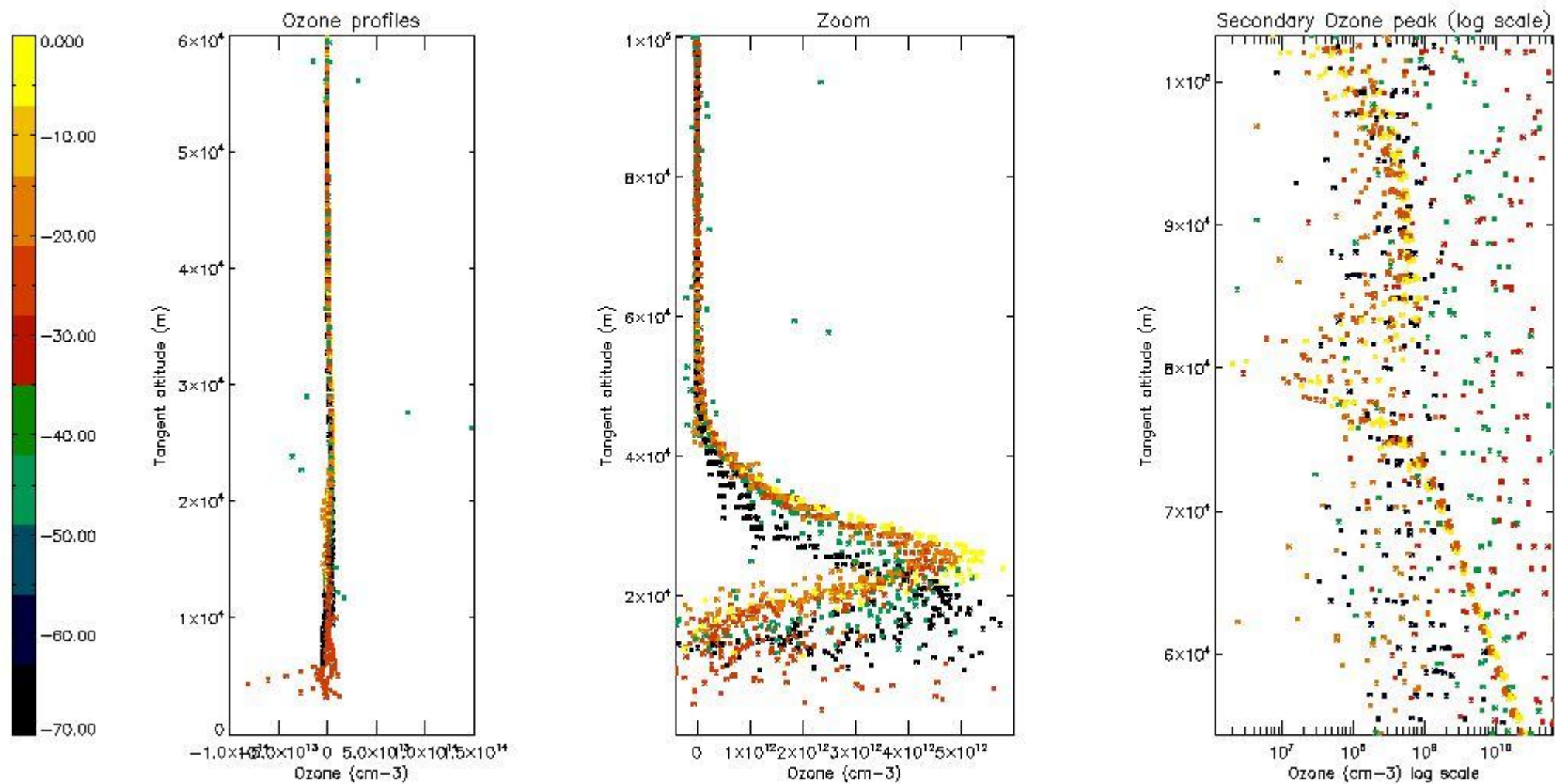
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	12

STD < 10	8
STD < 5	5

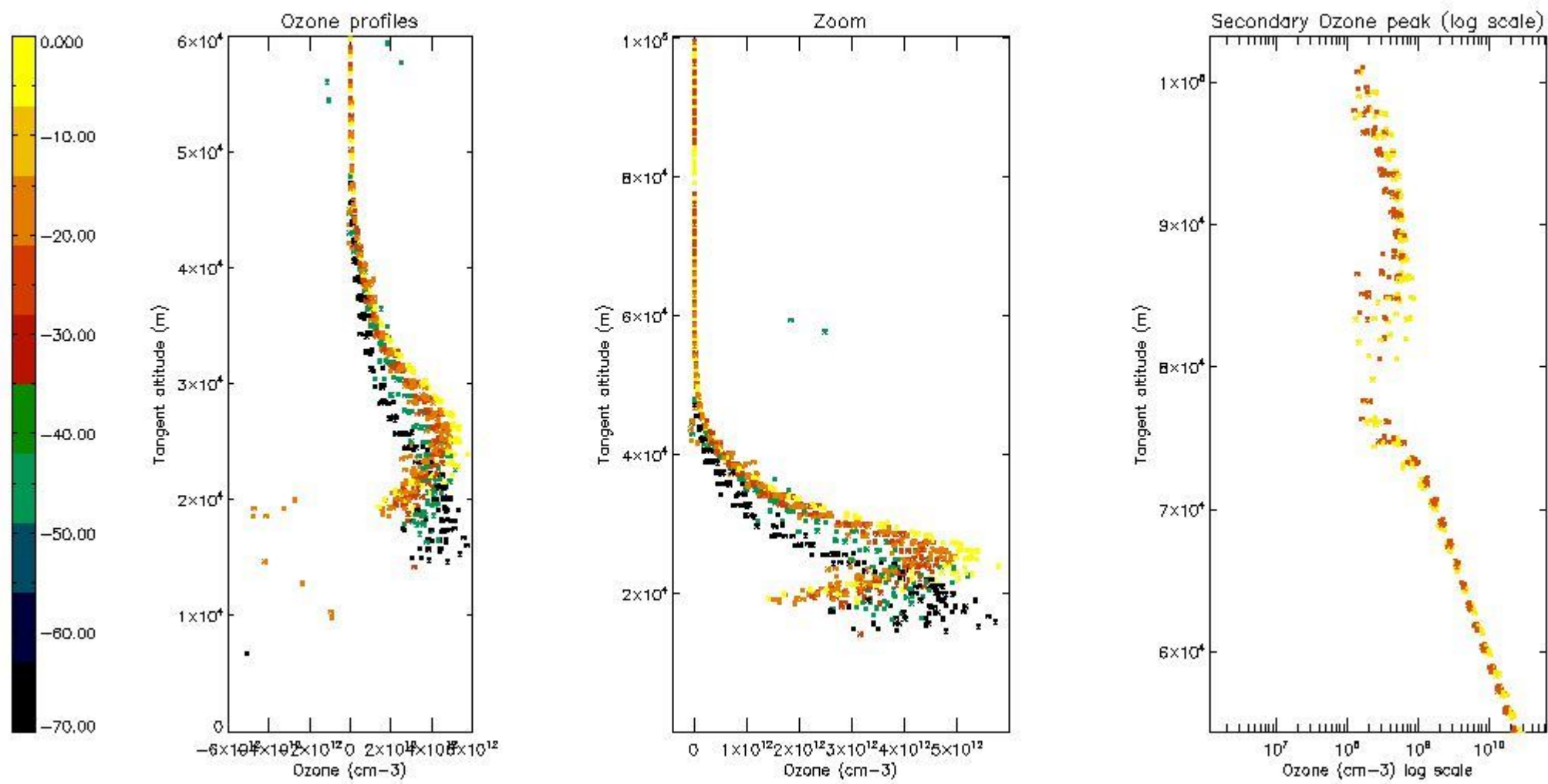
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



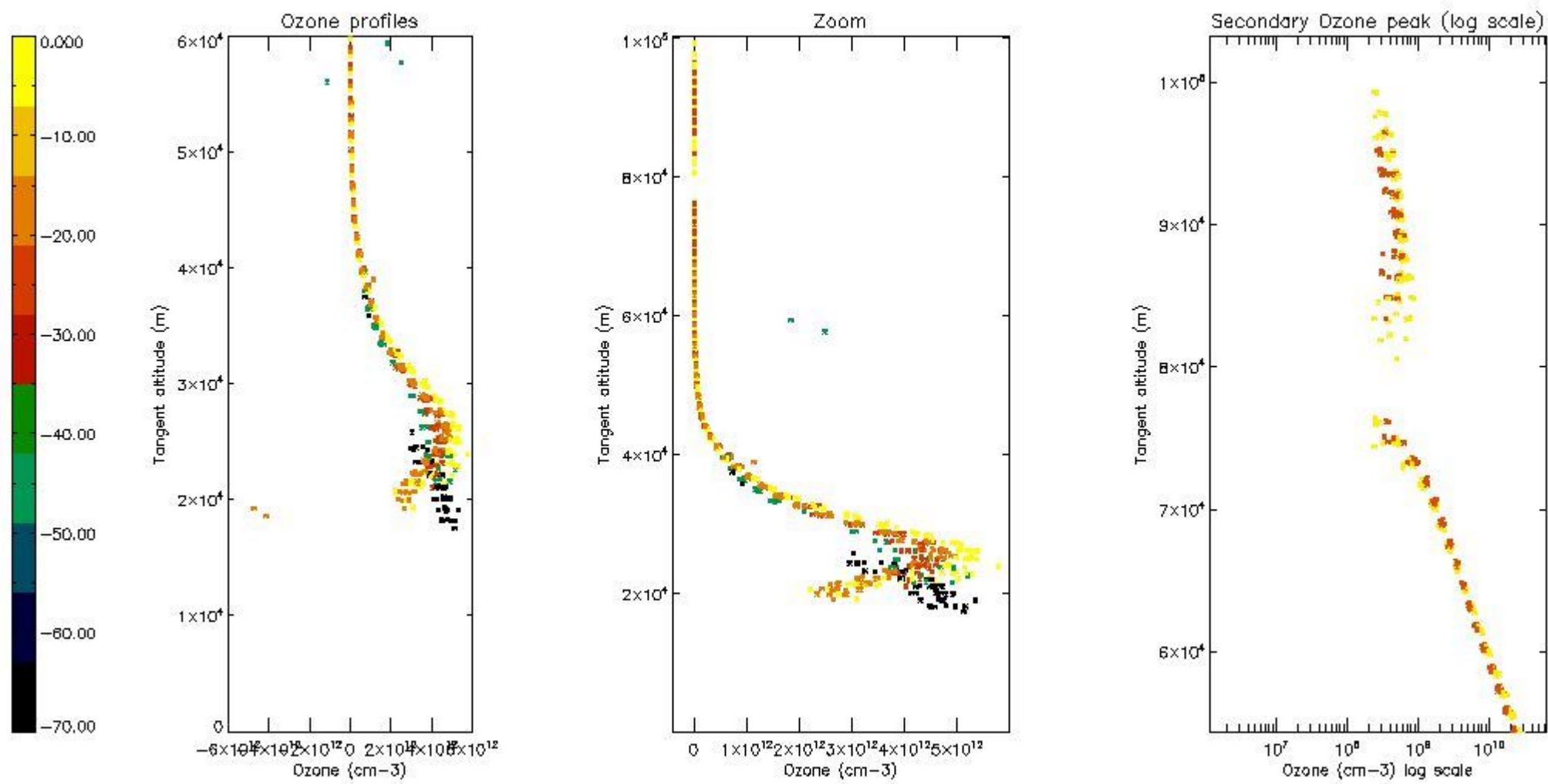
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



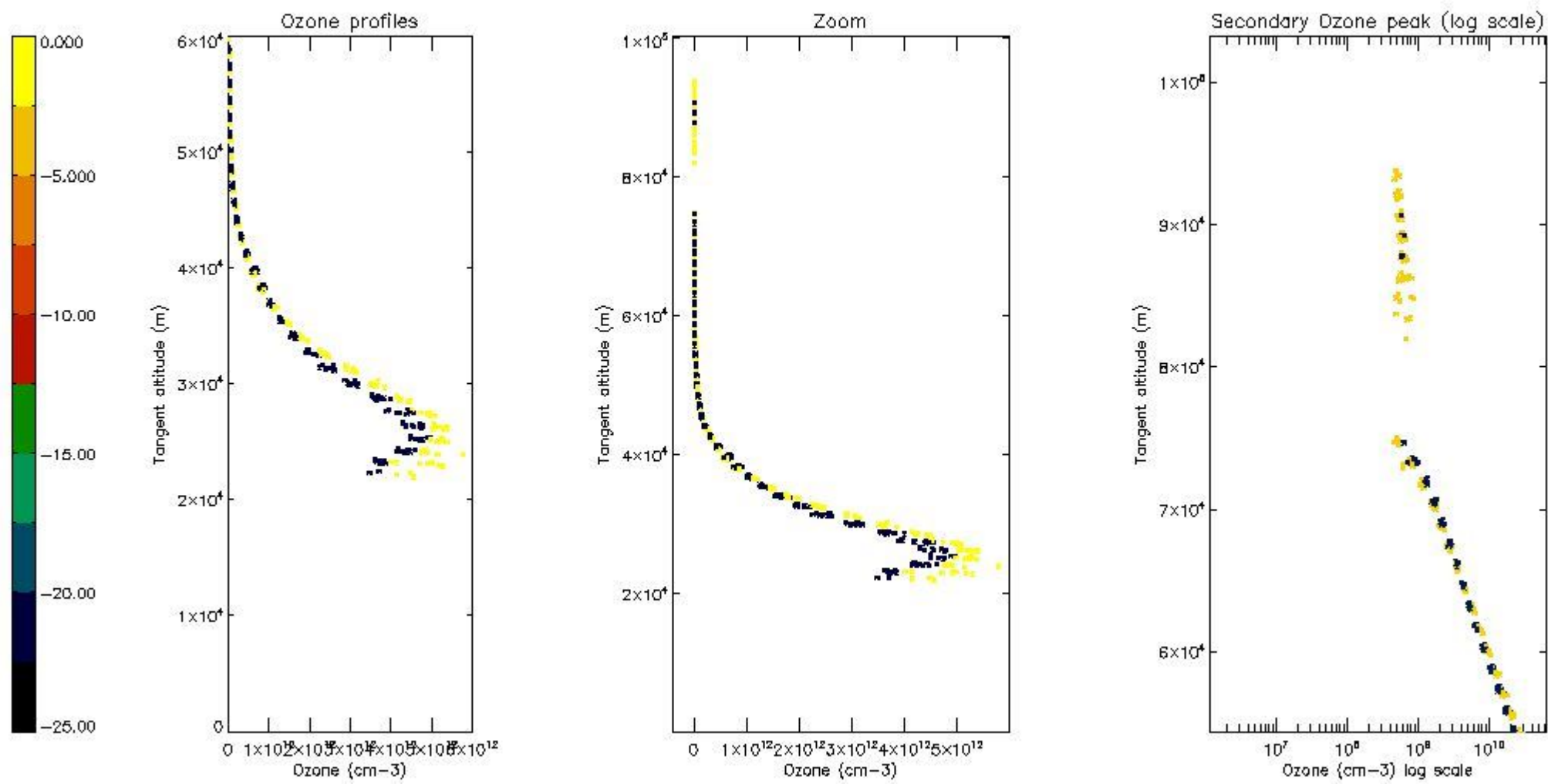
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



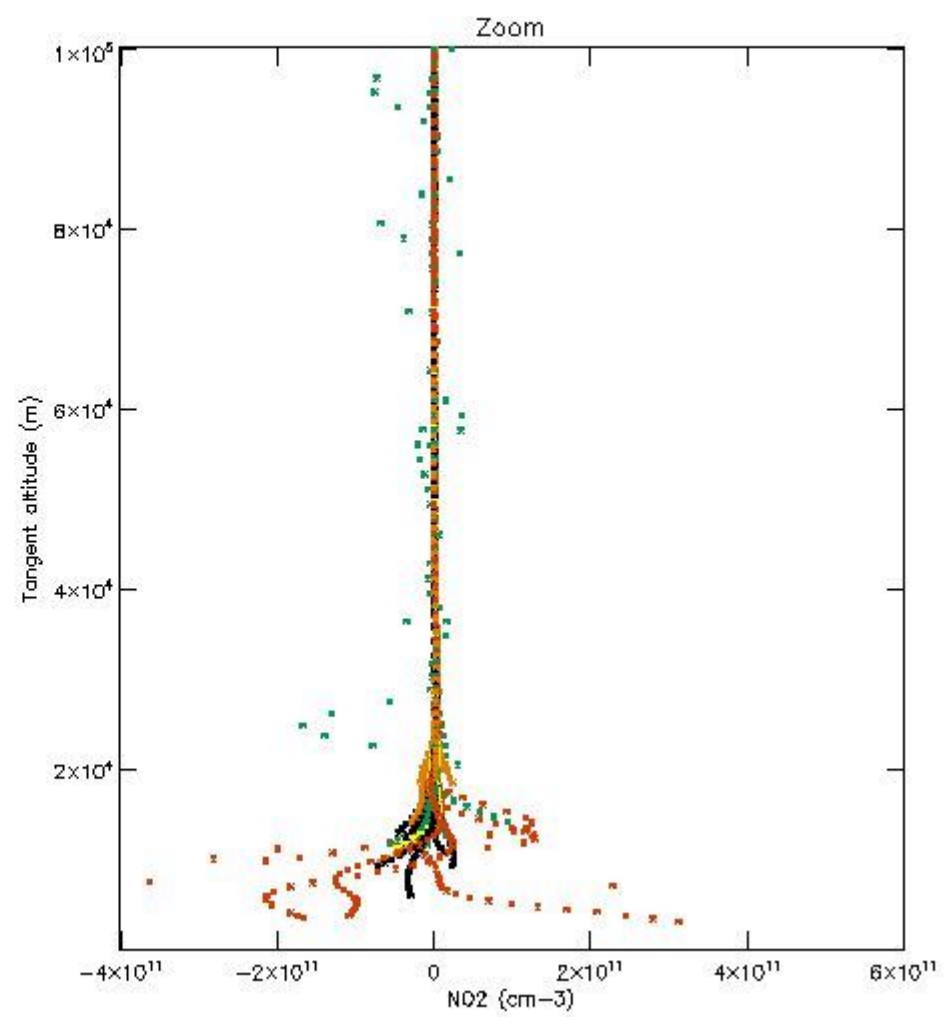
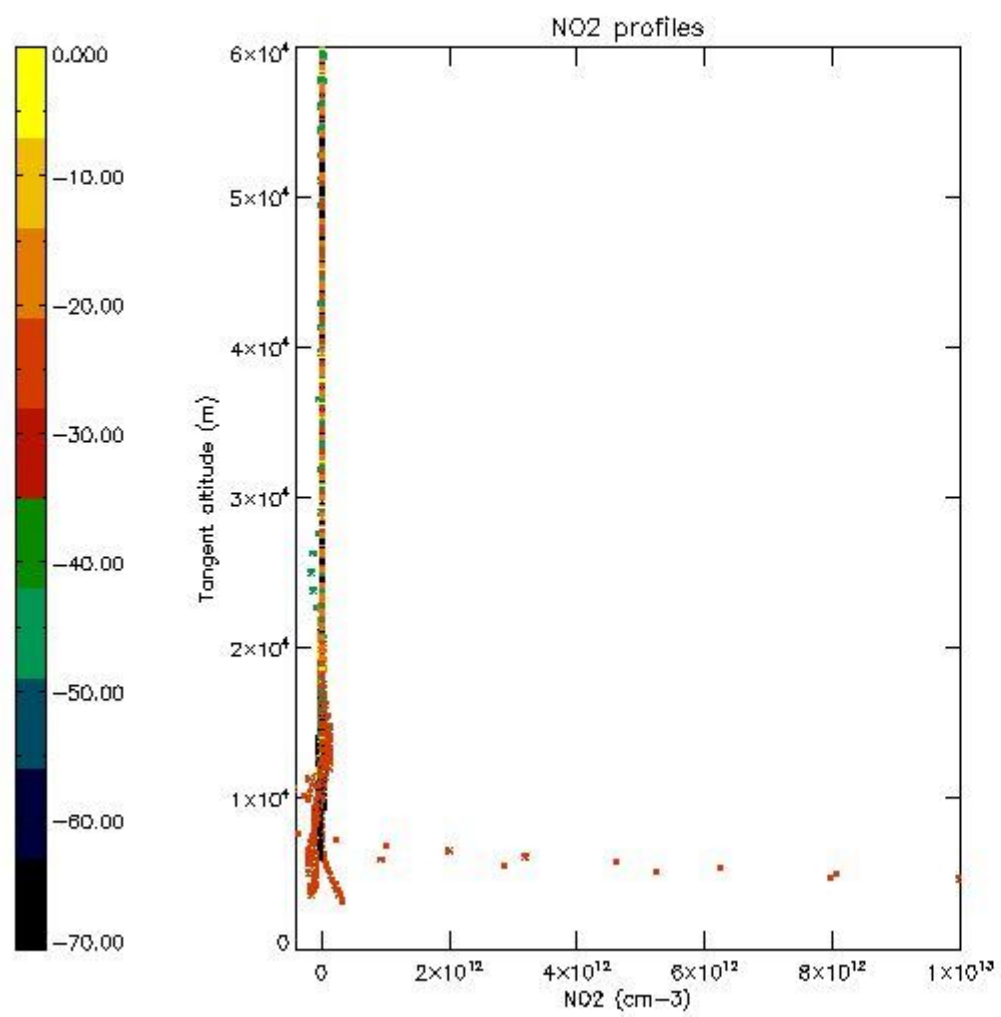
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



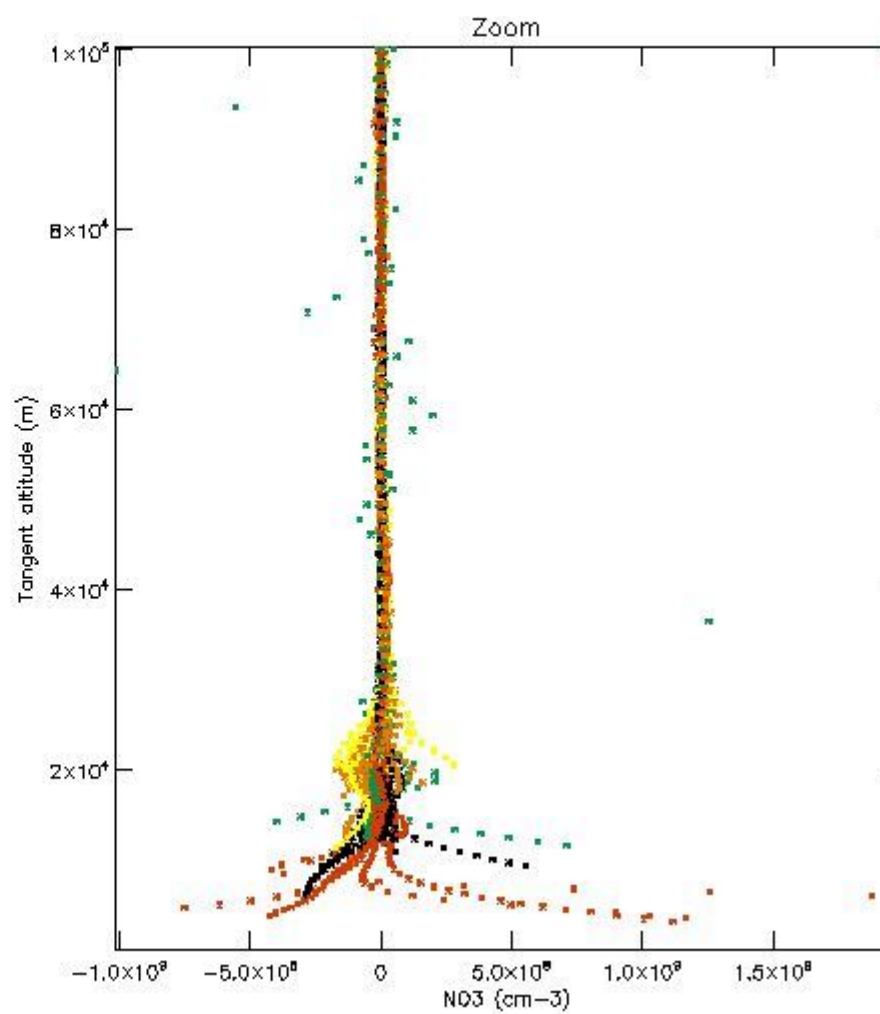
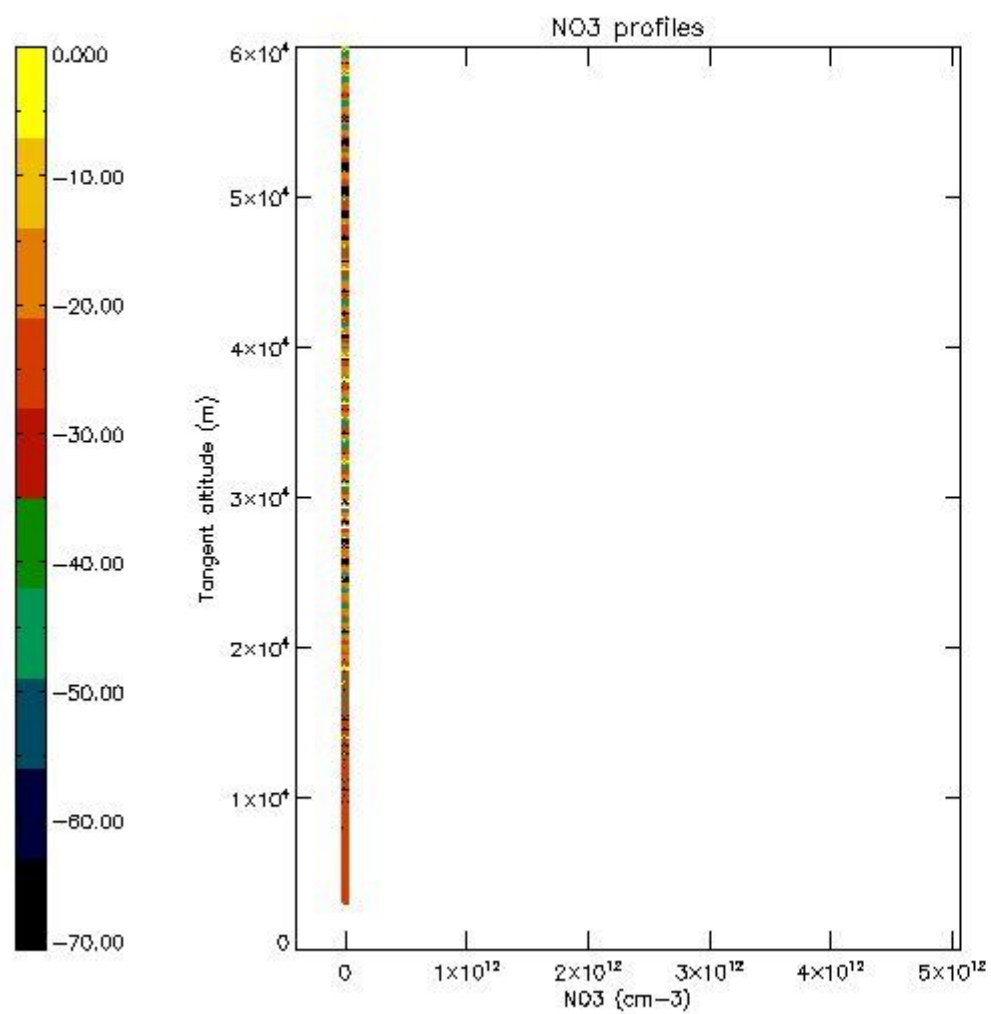
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	14-MAY-2006 00:05:51
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-MAY-2006 00:05:51
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-MAY-2006 00:05:51

GOMOS Level 2 Daily Report

SUMMARY

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[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	23APR2013 21:00:21
Data source version	GOMOS/6.01
Start time of products	14-05-2006 (14MAY2006 00:00:00)
Stop time of products	15-05-2006 (15MAY2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	167
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

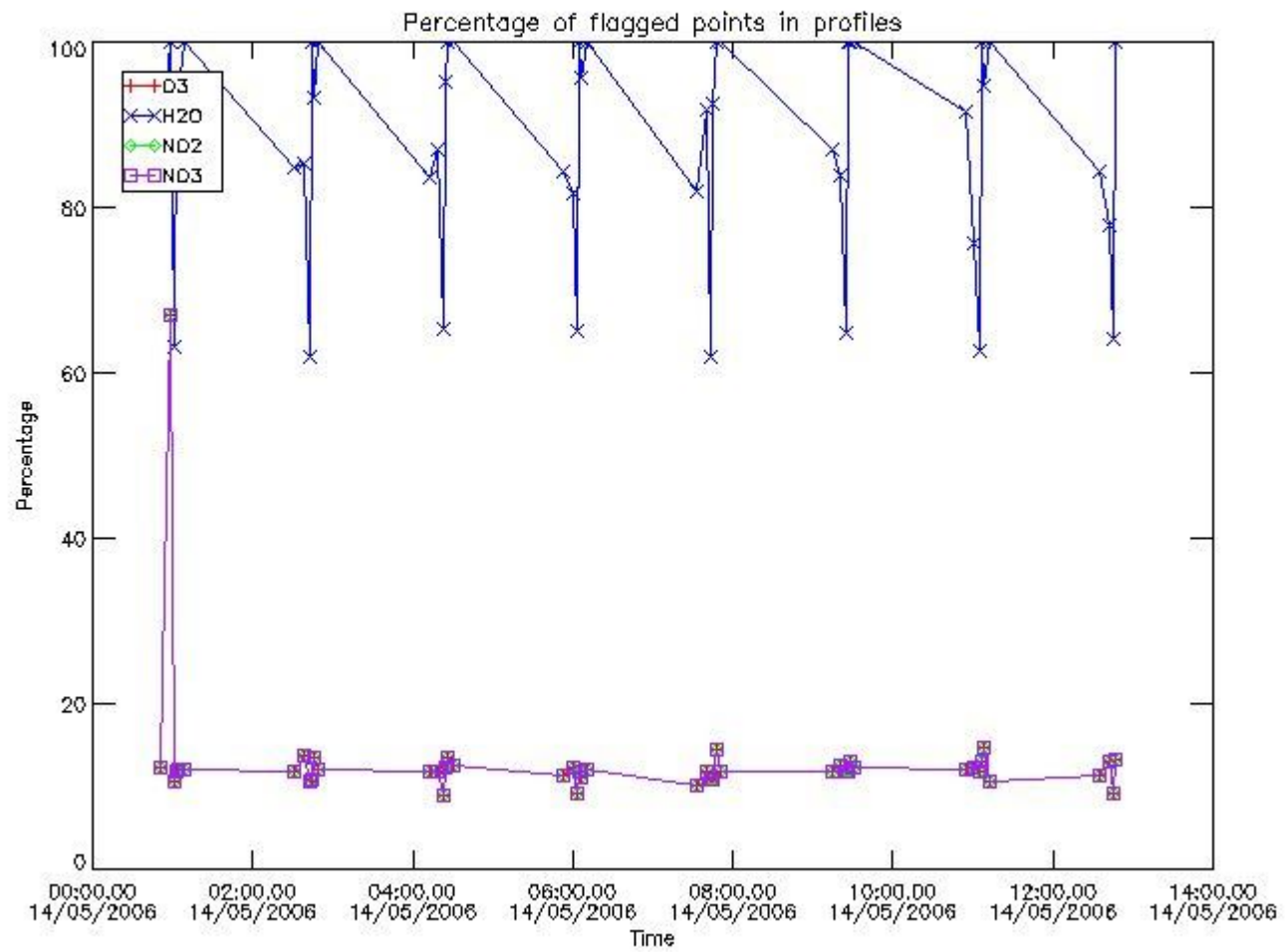
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20060514_000551_000000362047_00374_21971_9948.N1	14-MAY-2006 00:05:51	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	21971	No
2	GOM_NL__2PRFIN20060514_000843_000000332047_00374_21971_9949.N1	14-MAY-2006 00:08:43	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	21971	No
3	GOM_NL__2PRFIN20060514_001017_000000362047_00374_21971_9950.N1	14-MAY-2006 00:10:17	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	21971	No
4	GOM_NL__2PRFIN20060514_001604_000000382047_00374_21971_9951.N1	14-MAY-2006 00:16:04	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	21971	No
5	GOM_NL__2PRFIN20060514_002022_000000362047_00374_21971_9952.N1	14-MAY-2006 00:20:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	21971	No
6	GOM_NL__2PRFIN20060514_002833_000000342047_00374_21971_9953.N1	14-MAY-2006 00:28:33	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	21971	No
7	GOM_NL__2PRFIN20060514_002947_000000342047_00374_21971_9954.N1	14-MAY-2006 00:29:47	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	21971	No
8	GOM_NL__2PRFIN20060514_003806_000000432047_00374_21971_9955.N1	14-MAY-2006 00:38:06	Bright	42.500	58	21Alp And	2.0730	11000.	85	21971	No
9	GOM_NL__2PRFIN20060514_004211_000000422047_00374_21971_9956.N1	14-MAY-2006 00:42:11	Twilight	41.500	140	88Gam Peg	2.8340	26000.	83	21971	No
10	GOM_NL__2PRFIN20060514_005055_000000412047_00374_21971_9957.N1	14-MAY-2006 00:50:55	Dark	41.000	52	16Bet Cet	2.0370	4500.0	82	21971	No
11	GOM_NL__2PRFIN20060514_005744_000000422047_00374_21971_9958.N1	14-MAY-2006 00:57:44	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	21971	No
12	GOM_NL__2PRFIN20060514_010138_000000482047_00374_21971_9959.N1	14-MAY-2006 01:01:38	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	21971	No
13	GOM_NL__2PRFIN20060514_010303_000000442047_00374_21971_9960.N1	14-MAY-2006 01:03:03	Dark	43.500	31	Alp Gru	1.7340	15200.	87	21971	No
14	GOM_NL__2PRFIN20060514_010457_000000432047_00375_21972_9986.N1	14-MAY-2006 01:04:57	Dark	42.500	148	Alp Tuc	2.8780	4100.0	85	21972	No
15	GOM_NL__2PRFIN20060514_010838_000000422047_00375_21972_9987.N1	14-MAY-2006 01:08:38	Dark	42.000	45	Alp Pav	1.9400	26000.	84	21972	No
16	GOM_NL__2PRFIN20060514_011411_000000432047_00375_21972_9988.N1	14-MAY-2006 01:14:11	Straylight	43.000	43	Alp TrA	1.9100	4250.0	86	21972	No
17	GOM_NL__2PRFIN20060514_011622_000000422047_00375_21972_9989.N1	14-MAY-2006 01:16:22	Straylight	42.000	134	Bet TrA	2.8100	6600.0	84	21972	No
18	GOM_NL__2PRFIN20060514_012140_000000412047_00375_21972_9990.N1	14-MAY-2006 01:21:40	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	21972	No
19	GOM_NL__2PRFIN20060514_012311_000000402047_00375_21972_9991.N1	14-MAY-2006 01:23:11	Twilight	40.000	81	Eta Cen	2.3560	28000.	80	21972	No
20	GOM_NL__2PRFIN20060514_012507_000000402047_00375_21972_9992.N1	14-MAY-2006 01:25:07	Twilight	40.000	54	5The Cen	2.0550	4500.0	80	21972	No
21	GOM_NL__2PRFIN20060514_013024_000000392047_00375_21972_9993.N1	14-MAY-2006 01:30:24	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	21972	No
22	GOM_NL__2PRFIN20060514_014034_000000412047_00375_21972_9994.N1	14-MAY-2006 01:40:34	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	21972	No
23	GOM_NL__2PRFIN20060514_014627_000000352047_00375_21972_9995.N1	14-MAY-2006 01:46:27	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	21972	No
24	GOM_NL__2PRFIN20060514_014918_000000362047_00375_21972_9996.N1	14-MAY-2006 01:49:18	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	21972	No
25	GOM_NL__2PRFIN20060514_015053_000000362047_00375_21972_9997.N1	14-MAY-2006 01:50:53	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	21972	No
26	GOM_NL__2PRFIN20060514_015639_000000332047_00375_21972_9998.N1	14-MAY-2006 01:56:39	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	21972	No
27	GOM_NL__2PRFIN20060514_020058_000000342047_00375_21972_9999.N1	14-MAY-2006 02:00:58	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	21972	No
28	GOM_NL__2PRFIN20060514_020909_000000462047_00375_21972_0000.N1	14-MAY-2006 02:09:09	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	21972	No
29	GOM_NL__2PRFIN20060514_021023_000000372047_00375_21972_0001.N1	14-MAY-2006 02:10:23	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	21972	No
30	GOM_NL__2PRFIN20060514_021842_000000422047_00375_21972_0002.N1	14-MAY-2006 02:18:42	Bright	42.000	58	21Alp And	2.0730	11000.	84	21972	No
31	GOM_NL__2PRFIN20060514_022248_000000422047_00375_21972_0003.N1	14-MAY-2006 02:22:48	Twilight	41.500	140	88Gam Peg	2.8340	26000.	83	21972	No
32	GOM_NL__2PRFIN20060514_023131_000000442047_00375_21972_0004.N1	14-MAY-2006 02:31:31	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	21972	No
33	GOM_NL__2PRFIN20060514_023820_000000412047_00375_21972_0005.N1	14-MAY-2006 02:38:20	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	21972	No
34	GOM_NL__2PRFIN20060514_024214_000000572047_00375_21972_0006.N1	14-MAY-2006 02:42:14	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	21972	No
35	GOM_NL__2PRFIN20060514_024340_000000472047_00375_21972_0007.N1	14-MAY-2006 02:43:40	Dark	46.500	31	Alp Gru	1.7340	15200.	93	21972	No
36	GOM_NL__2PRFIN20060514_024534_000000382047_00376_21973_9944.N1	14-MAY-2006 02:45:34	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	21973	No
37	GOM_NL__2PRFIN20060514_024914_000000422047_00376_21973_9945.N1	14-MAY-2006 02:49:14	Dark	42.000	45	Alp Pav	1.9400	26000.	84	21973	No
38	GOM_NL__2PRFIN20060514_025447_000000382047_00376_21973_9946.N1	14-MAY-2006 02:54:47	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	21973	No
39	GOM_NL__2PRFIN20060514_025658_000000392047_00376_21973_9947.N1	14-MAY-2006 02:56:58	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	21973	No
40	GOM_NL__2PRFIN20060514_030216_000000412047_00376_21973_9948.N1	14-MAY-2006 03:02:16	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	21973	No
41	GOM_NL__2PRFIN20060514_030347_000000402047_00376_21973_9949.N1	14-MAY-2006 03:03:47	Twilight	39.500	81	Eta Cen	2.3560	28000.	79	21973	No
42	GOM_NL__2PRFIN20060514_030543_000000442047_00376_21973_9950.N1	14-MAY-2006 03:05:43	Twilight	43.500	54	5The Cen	2.0550	4500.0	87	21973	No

161	GOM_NL__2PRFIN20060514_121359_000000352047_00381_21978_9965.N1	14-MAY-2006 12:13:59	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	21978	No
162	GOM_NL__2PRFIN20060514_122219_000000412047_00381_21978_9966.N1	14-MAY-2006 12:22:19	Bright	41.000	58	21Alp And	2.0730	11000.	82	21978	No
163	GOM_NL__2PRFIN20060514_122625_000000422047_00381_21978_9967.N1	14-MAY-2006 12:26:25	Twilight	41.500	140	88Gam Peg	2.8340	26000.	83	21978	No
164	GOM_NL__2PRFIN20060514_123508_000000452047_00381_21978_9968.N1	14-MAY-2006 12:35:08	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	21978	No
165	GOM_NL__2PRFIN20060514_124157_000000392047_00381_21978_9969.N1	14-MAY-2006 12:41:57	Dark	39.000	84	Alp Phe	2.3970	4500.0	78	21978	No
166	GOM_NL__2PRFIN20060514_124554_000000562047_00381_21978_9970.N1	14-MAY-2006 12:45:54	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	21978	No
167	GOM_NL__2PRFIN20060514_124720_000000422047_00381_21978_9971.N1	14-MAY-2006 12:47:20	Dark	41.500	31	Alp Gru	1.7340	15200.	83	21978	No

3. Quality information per product

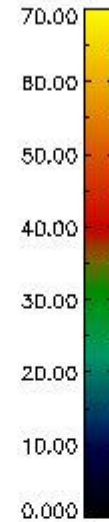
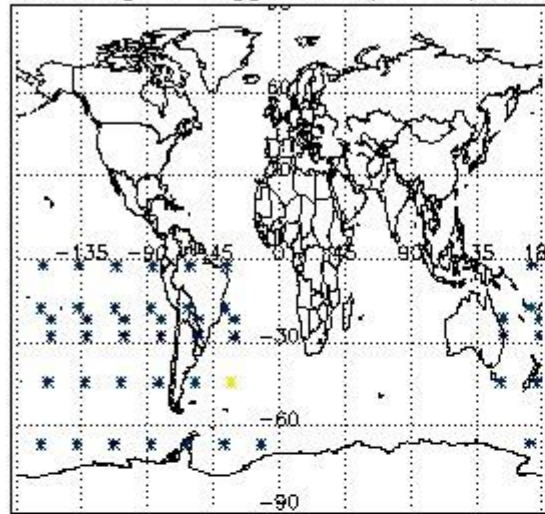
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

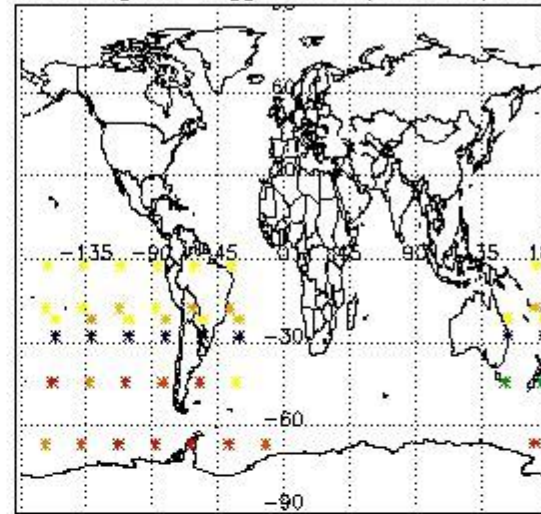


3.2 Plot quality information per product (world map)

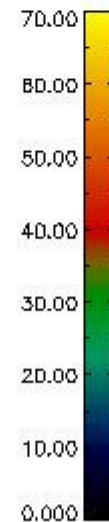
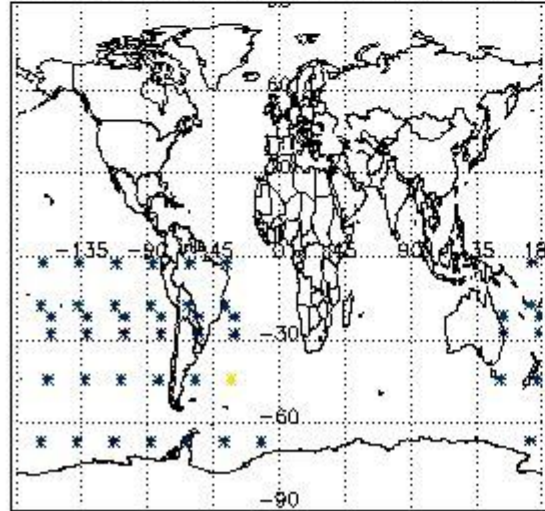
Percentage of flagged data per O3 profile



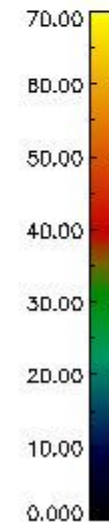
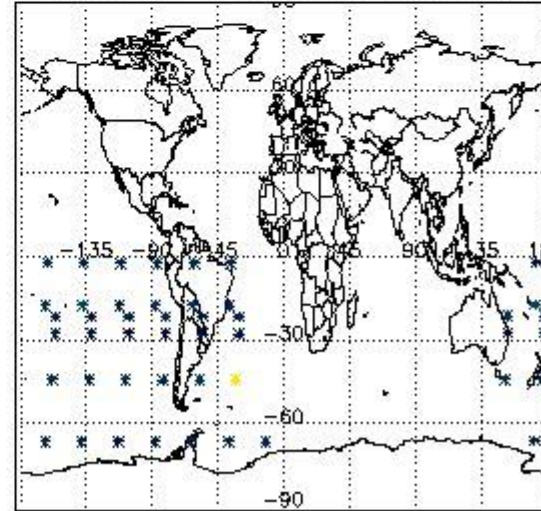
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

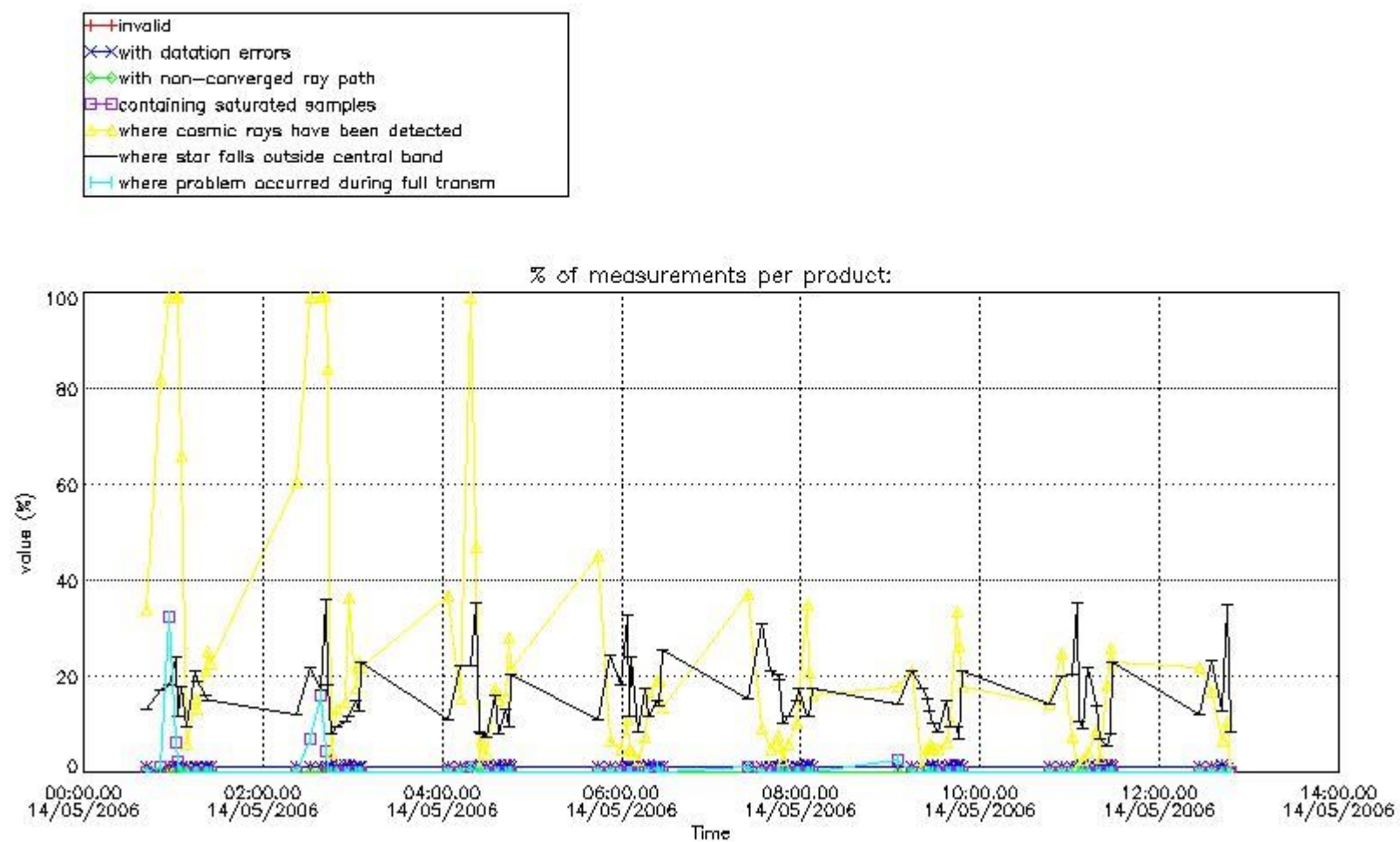


4. Level 1 quality information per product

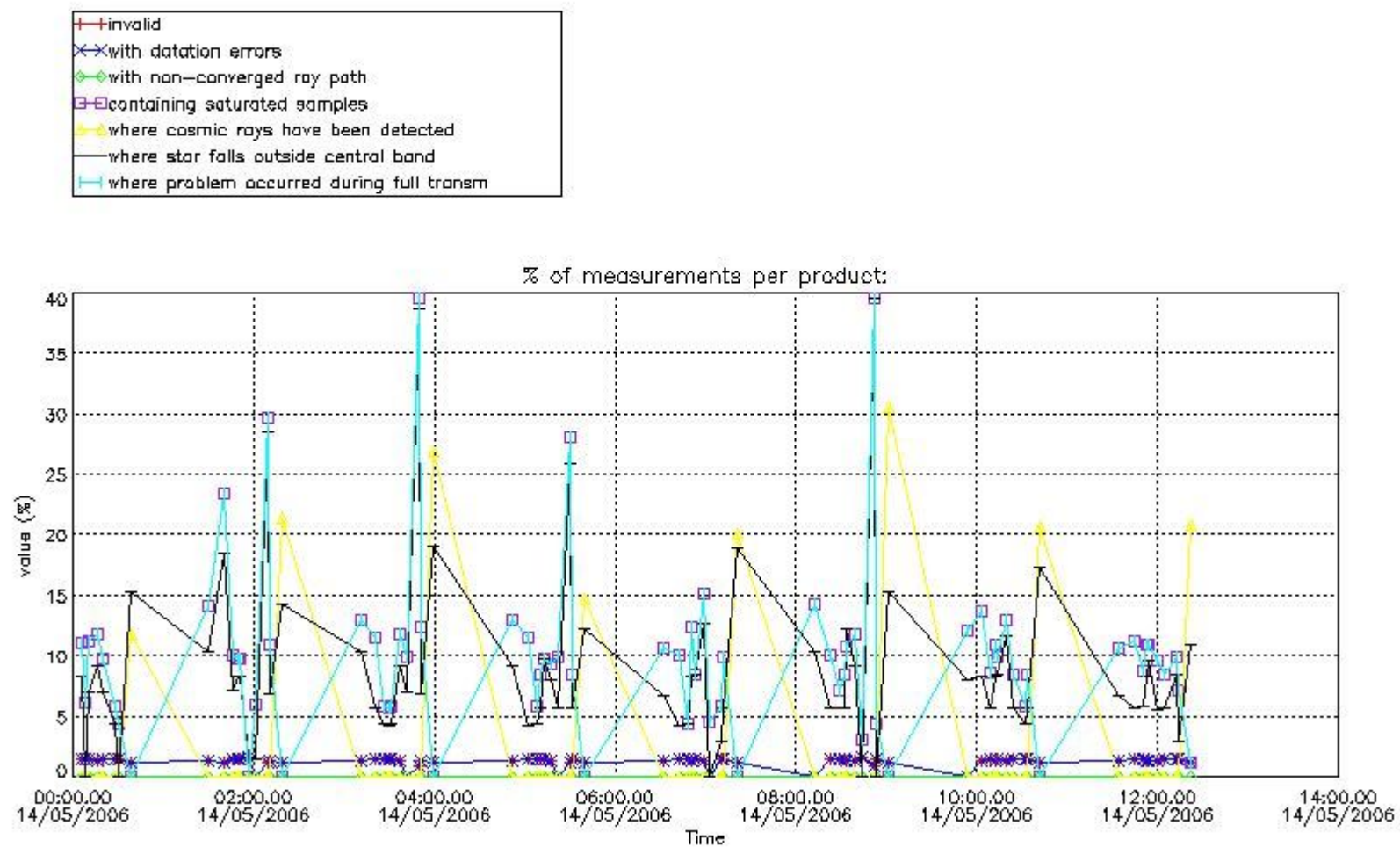
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



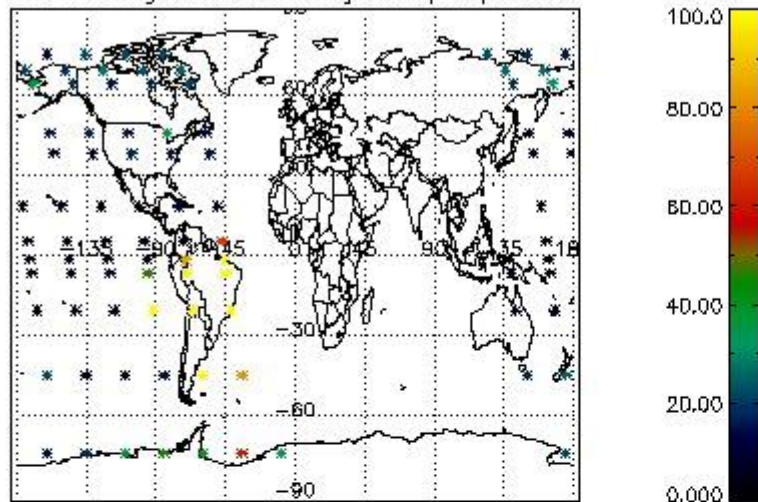
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



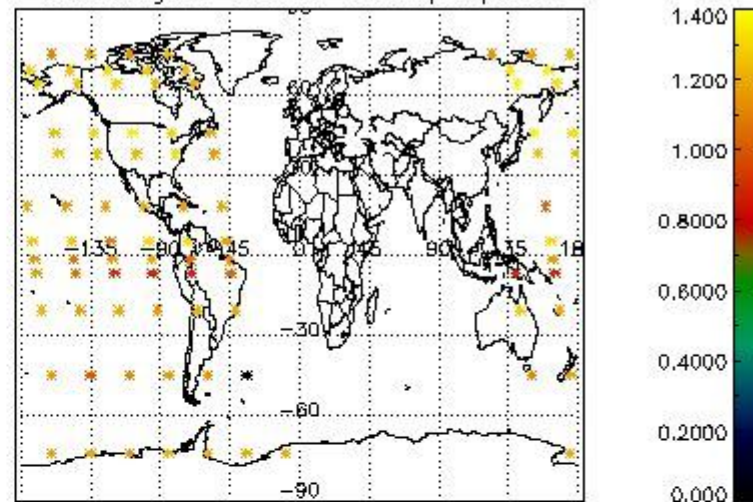
4.2 Plot quality information per product coming from level 1b processing (world map)

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

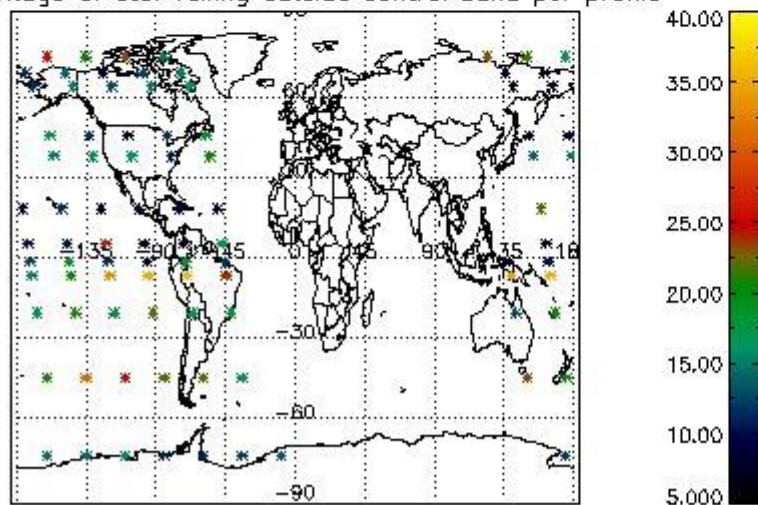
Percentage of cosmic ray hits per profile



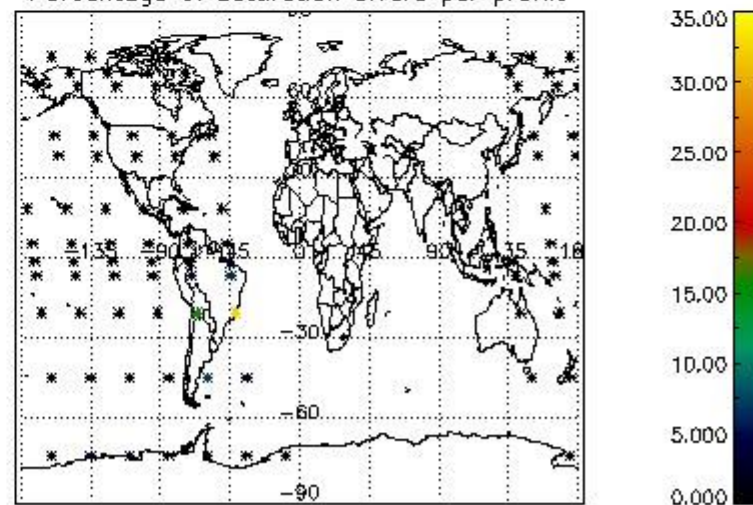
Percentage of datation errors per profile



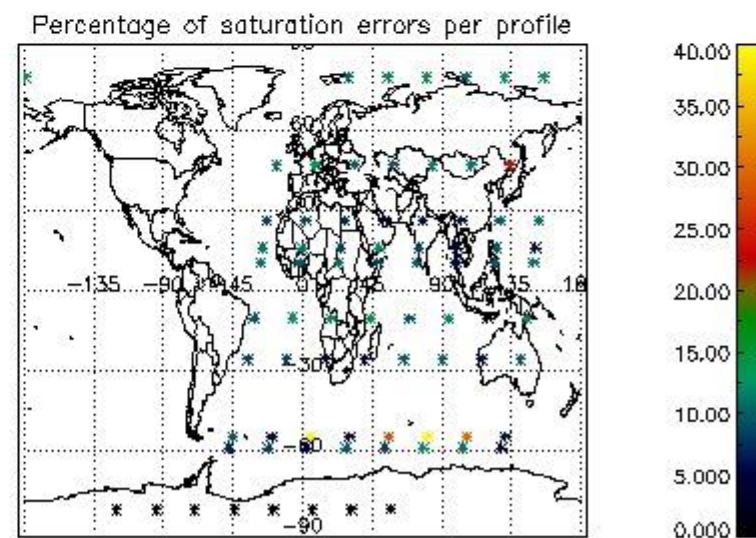
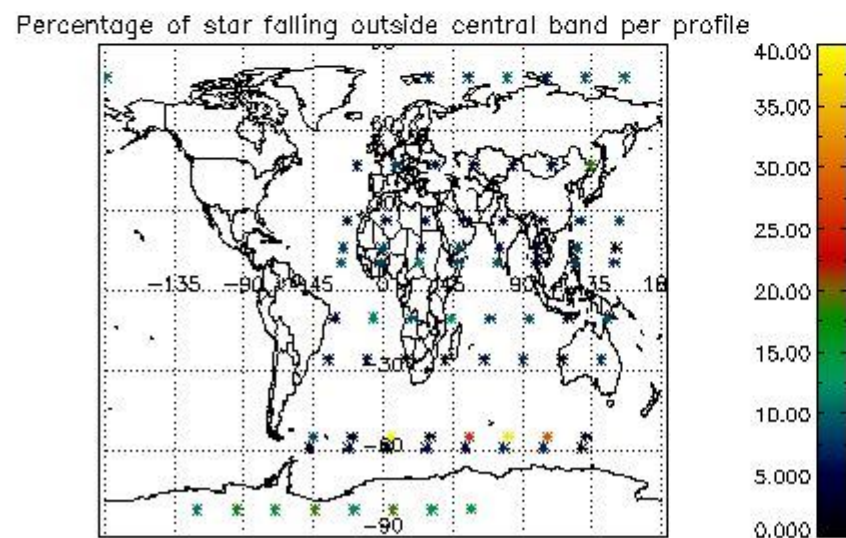
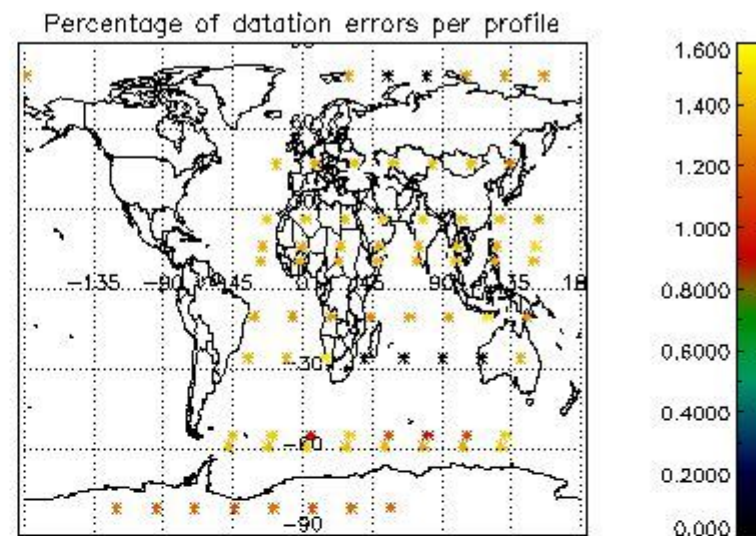
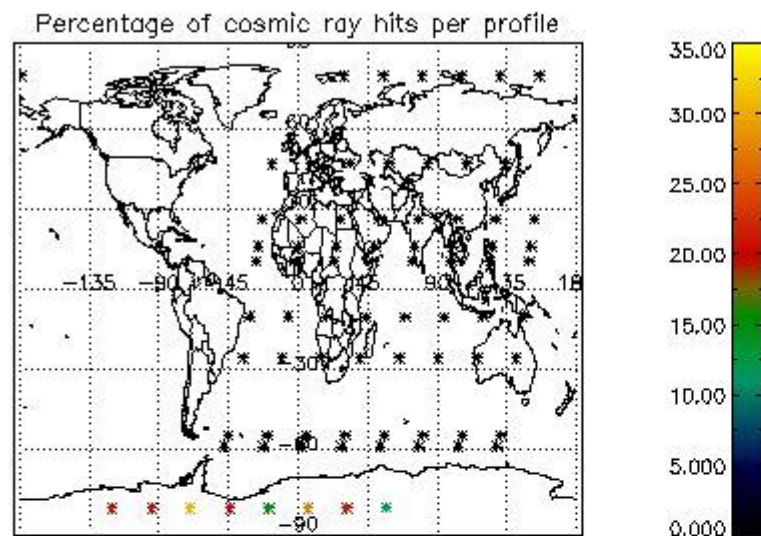
Percentage of star falling outside central band per profile



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

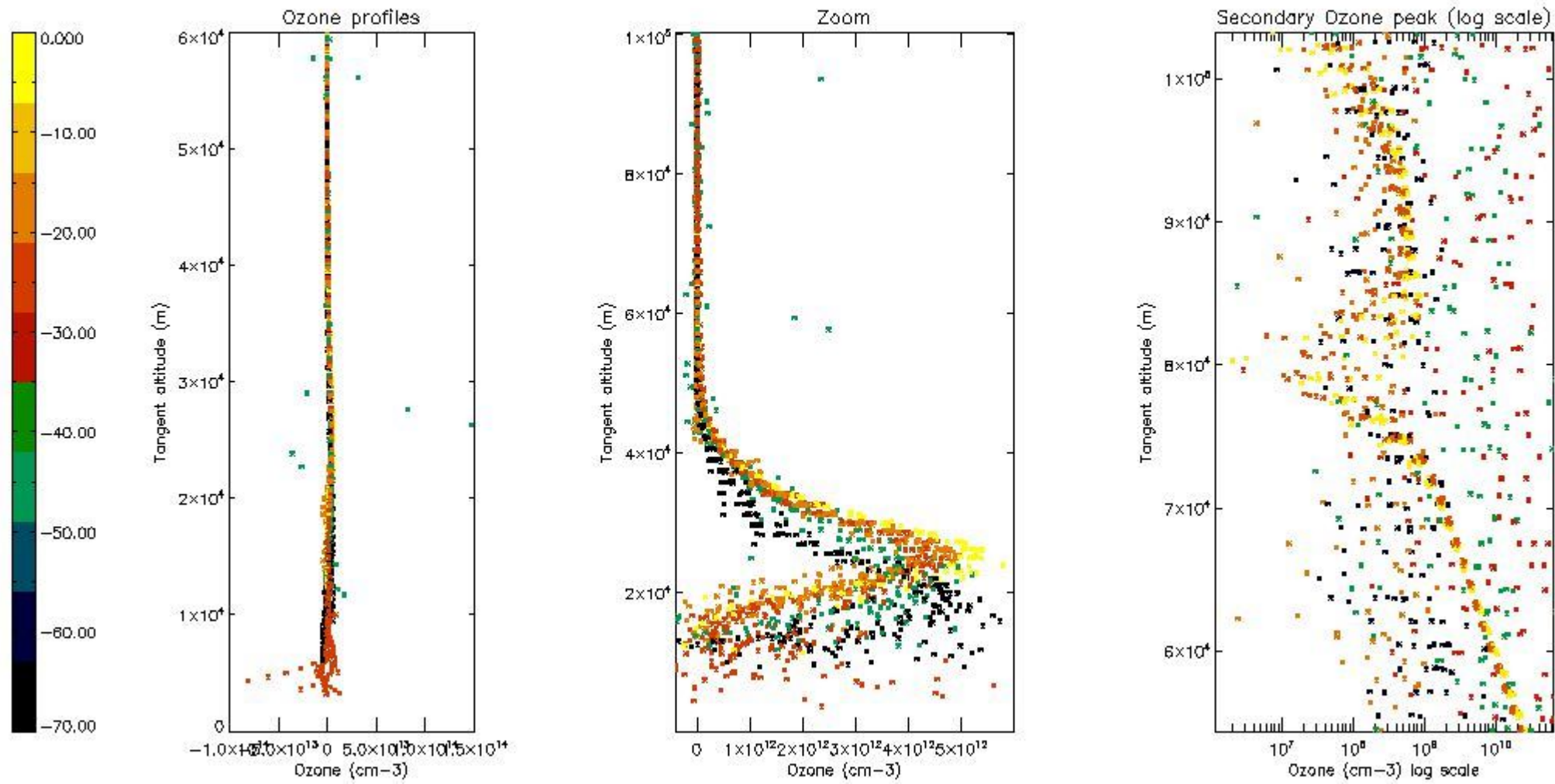
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	12

STD < 10	8
STD < 5	5

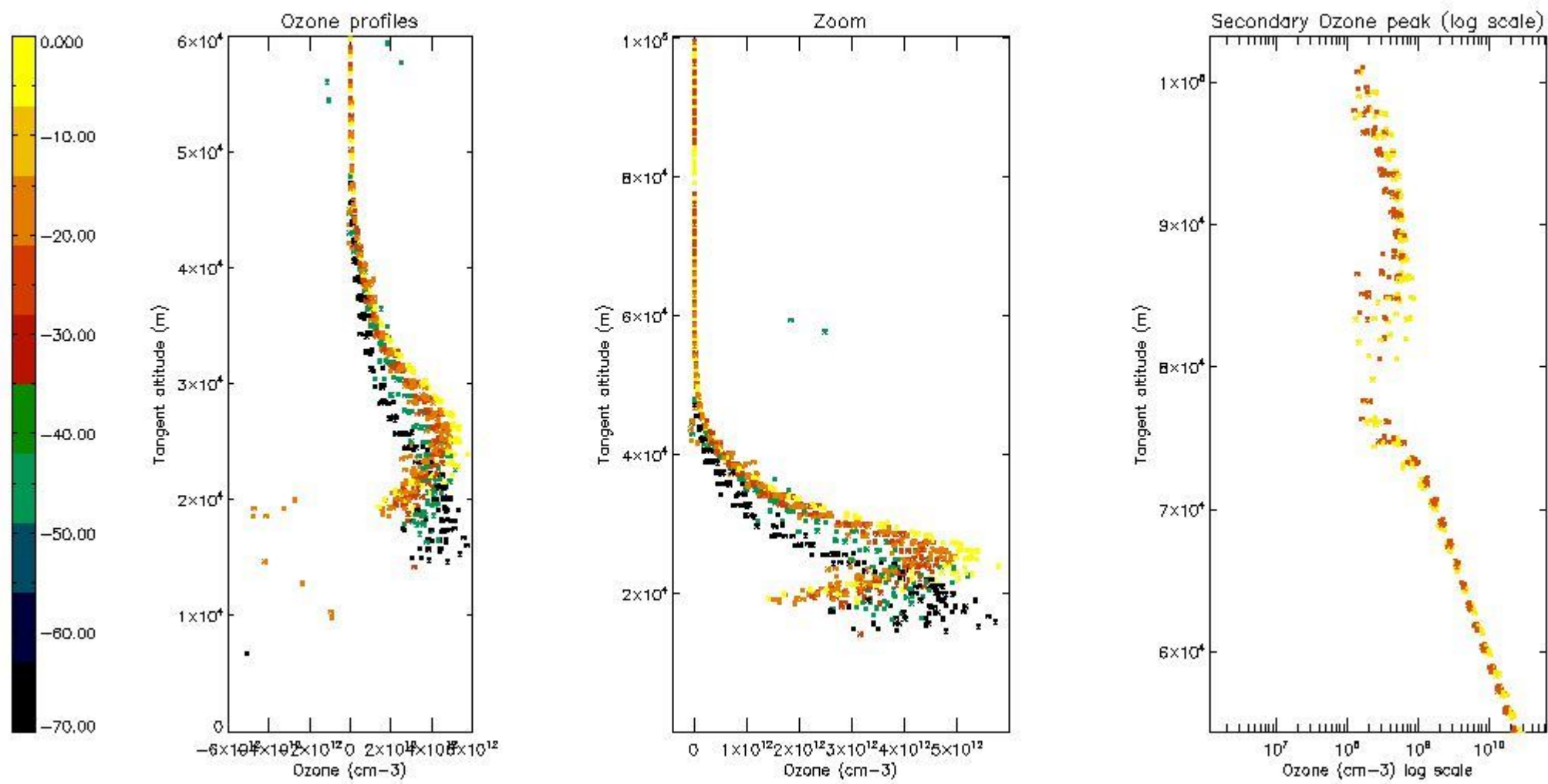
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



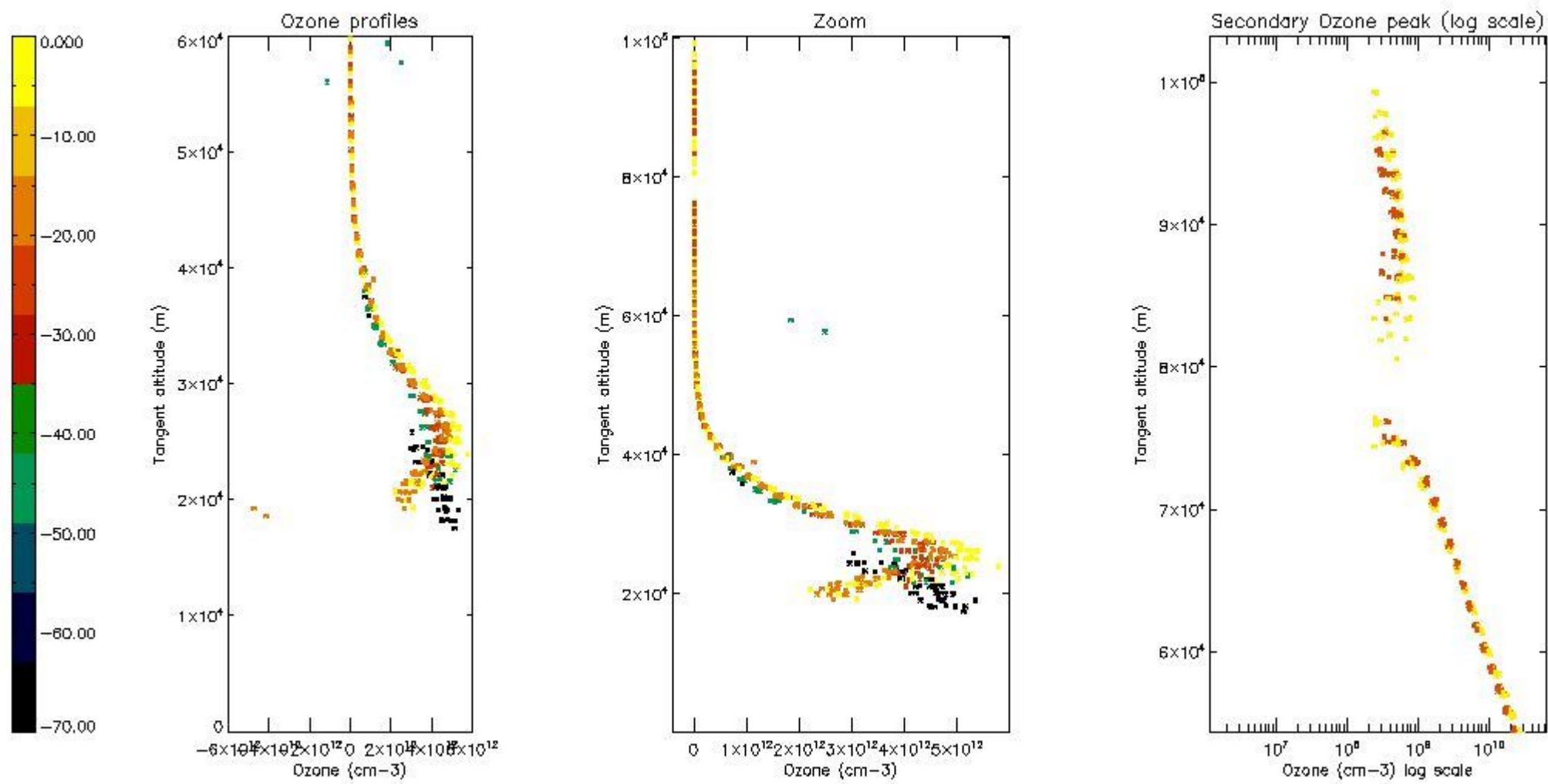
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



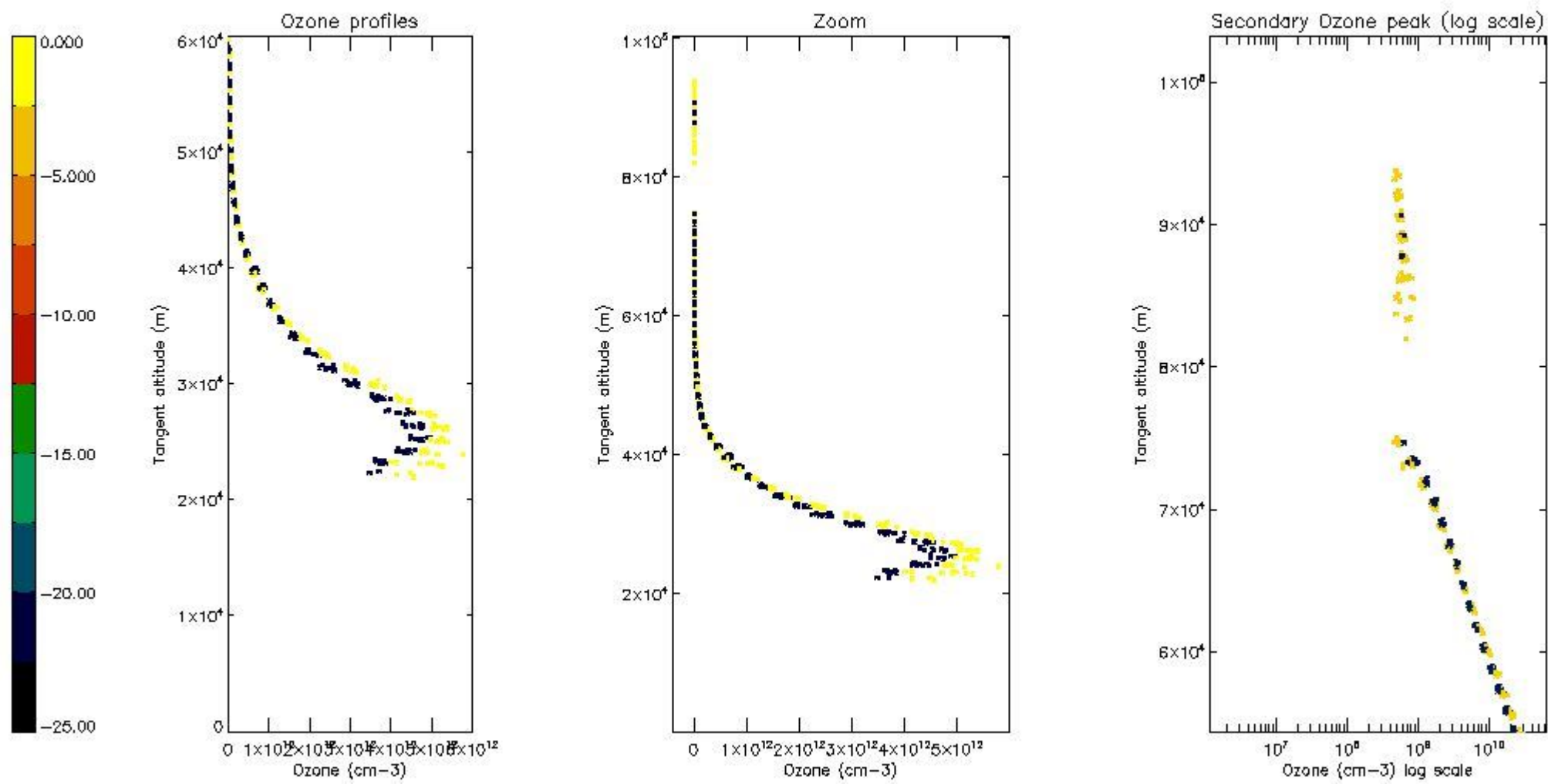
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



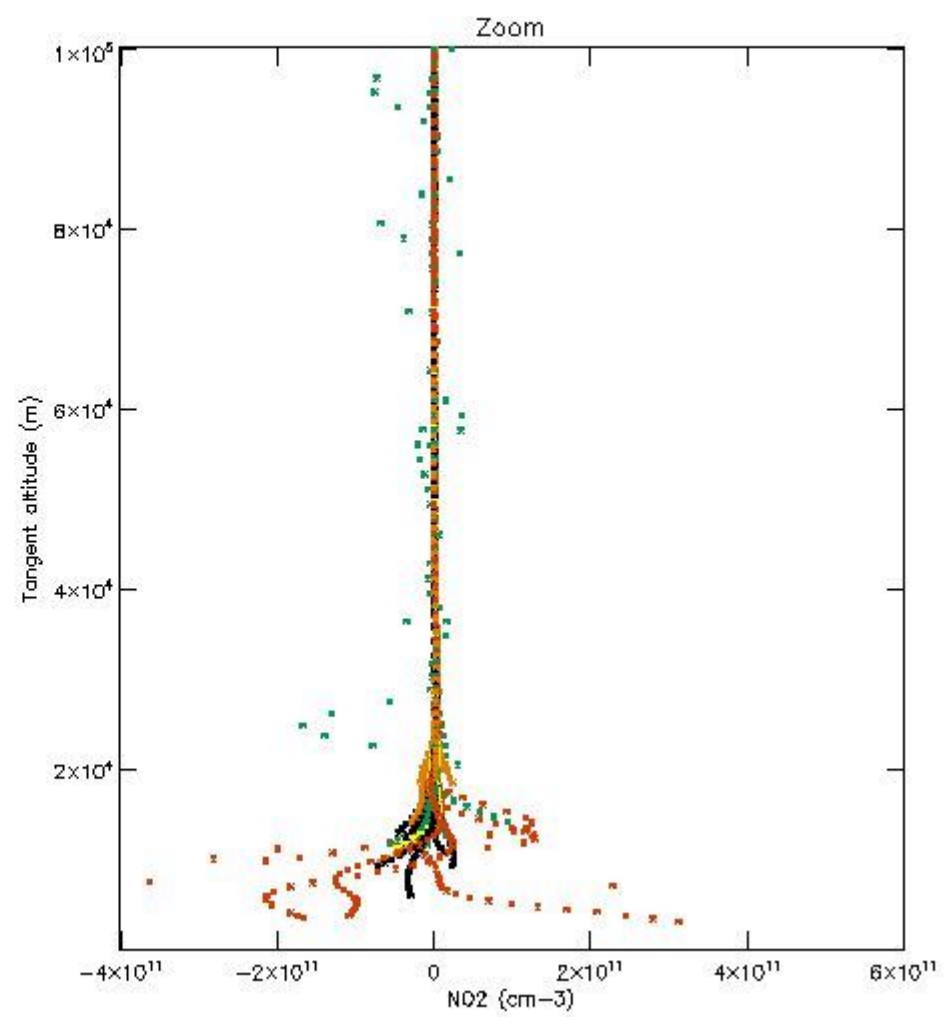
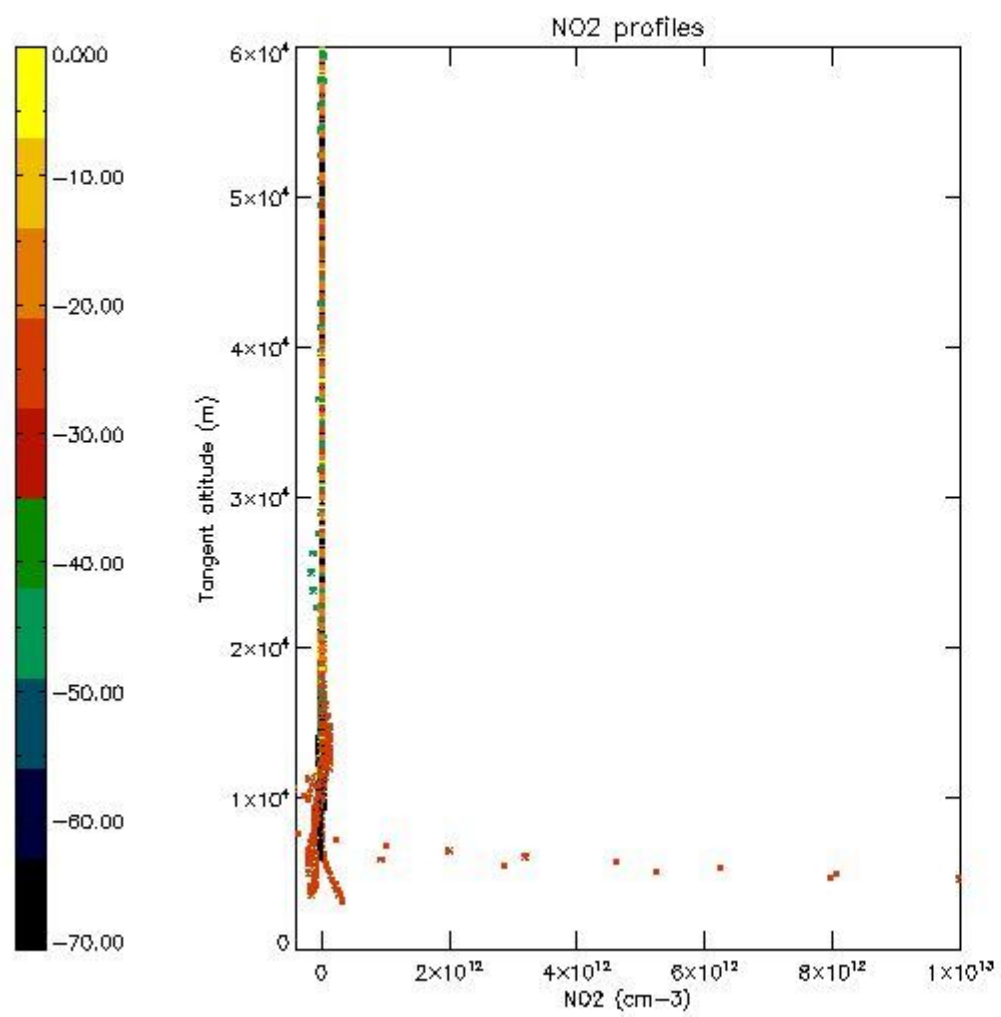
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



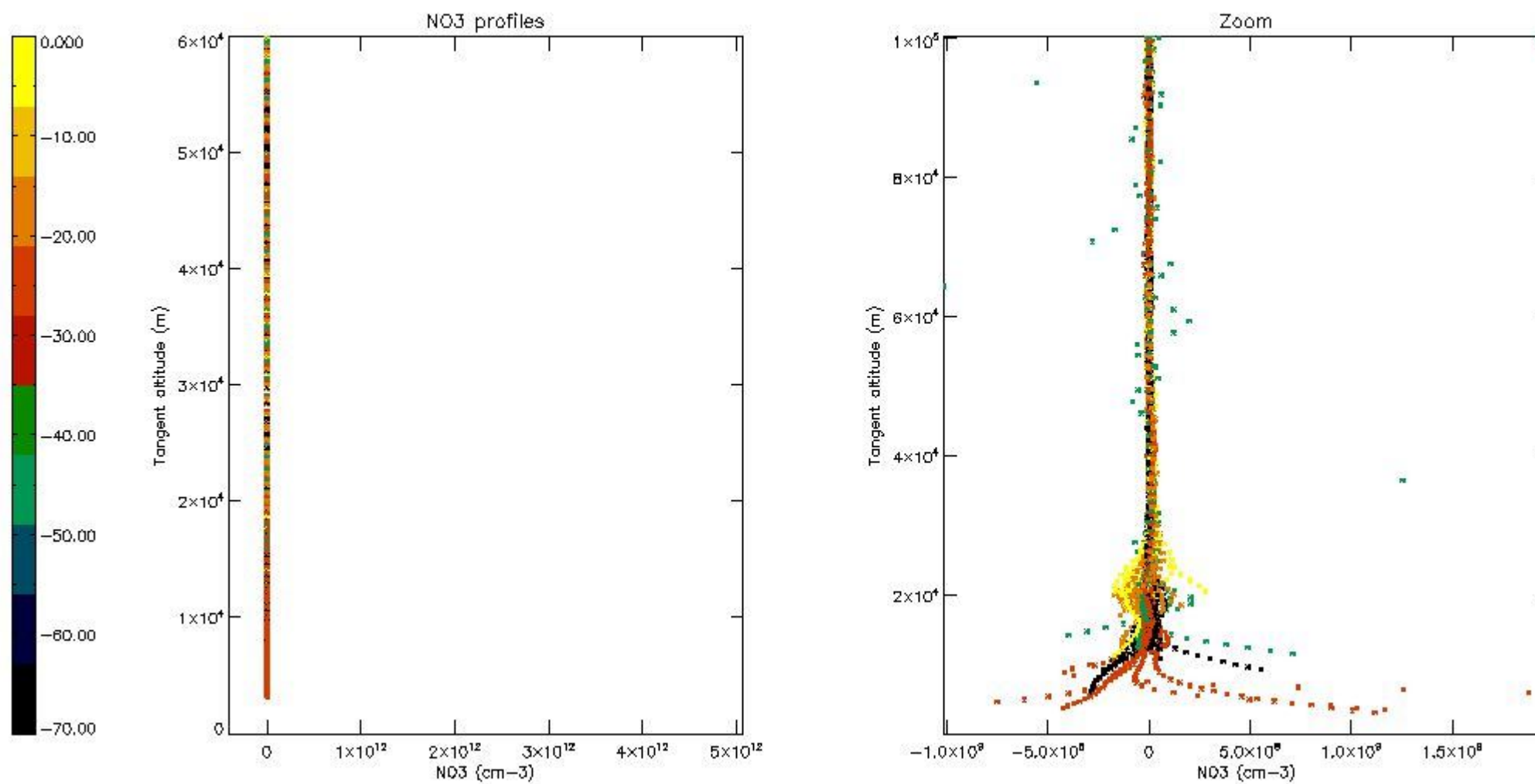
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

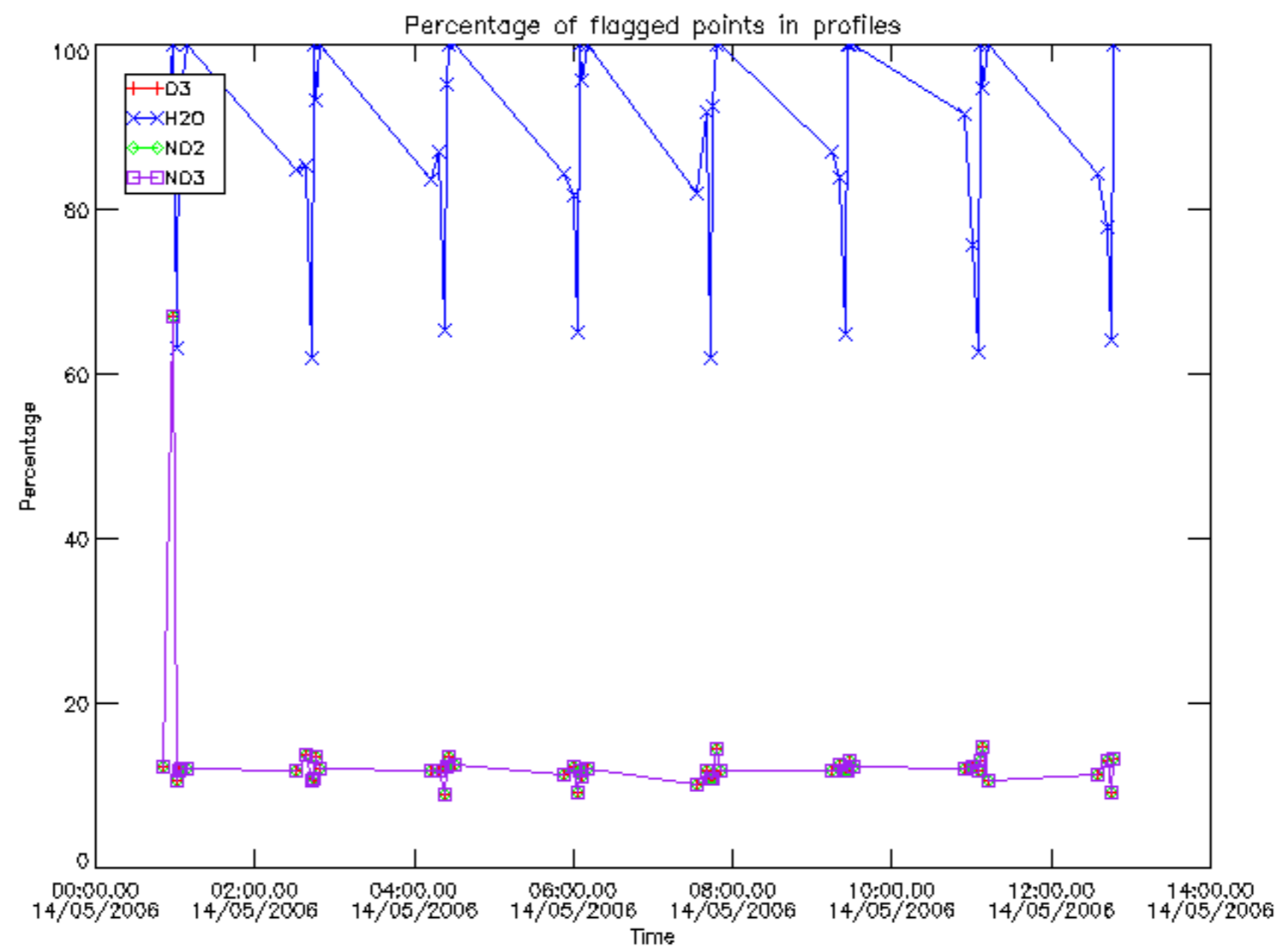
The colorbar represents the latitude.



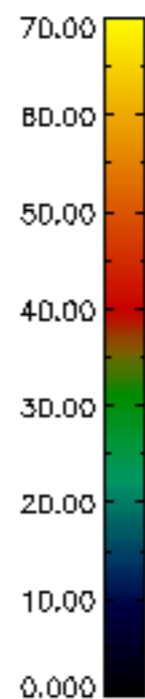
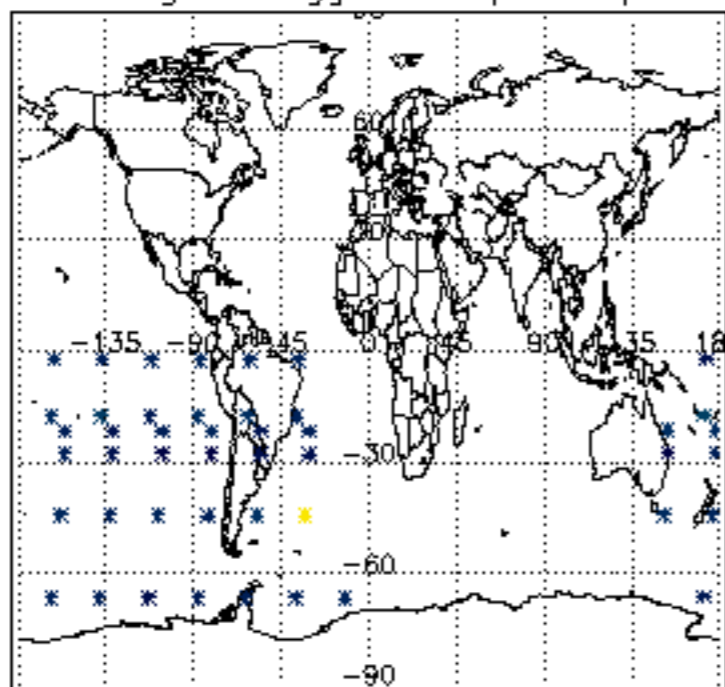
6. Auxiliary Data Files used for the production reported in section 2

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.

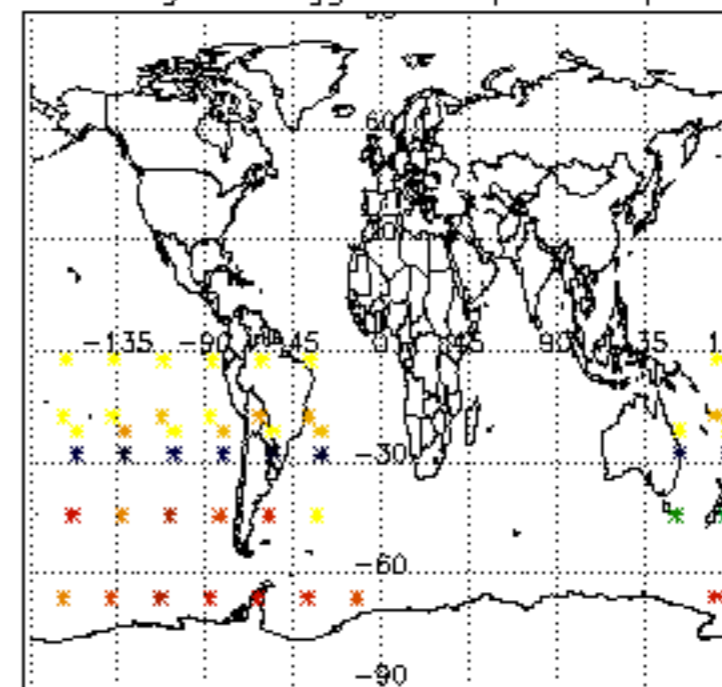
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-MAY-2006 00:05:51
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-MAY-2006 00:05:51
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-MAY-2006 00:05:51



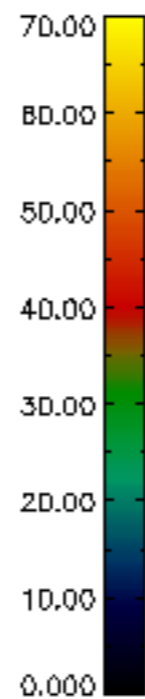
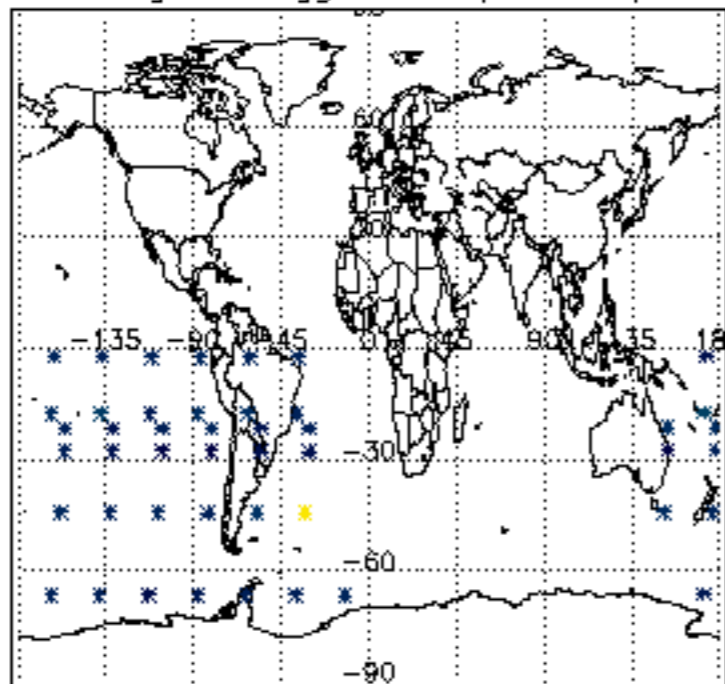
Percentage of flagged data per D3 profile



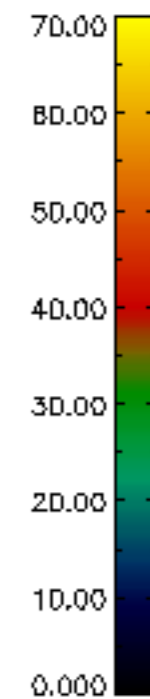
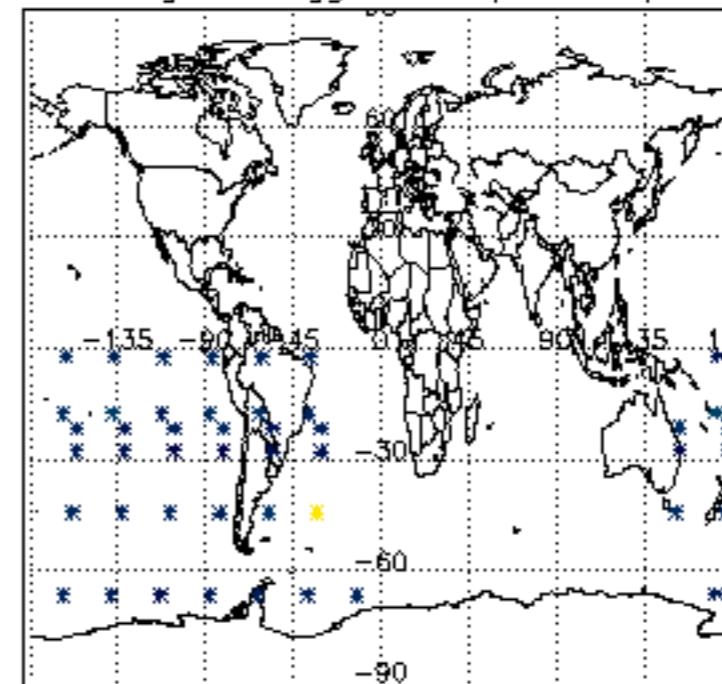
Percentage of flagged data per H2O profile

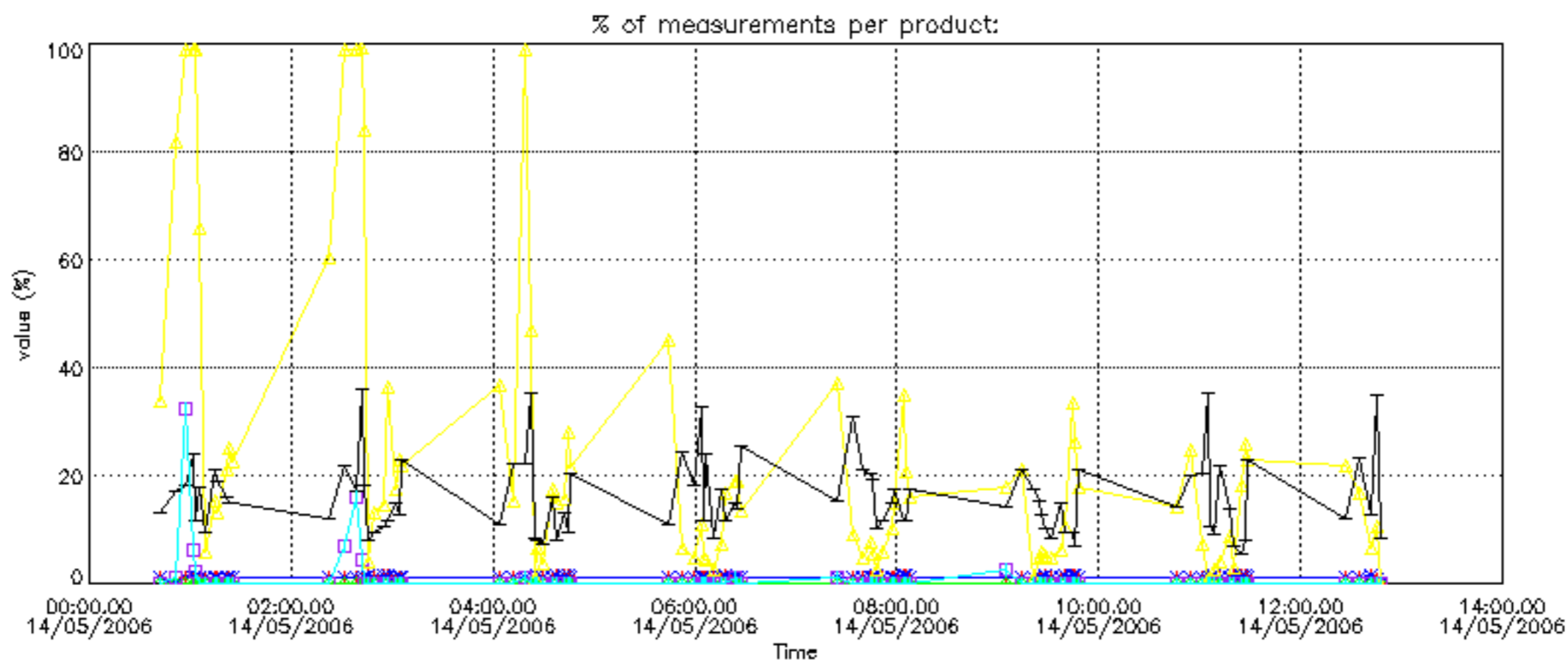


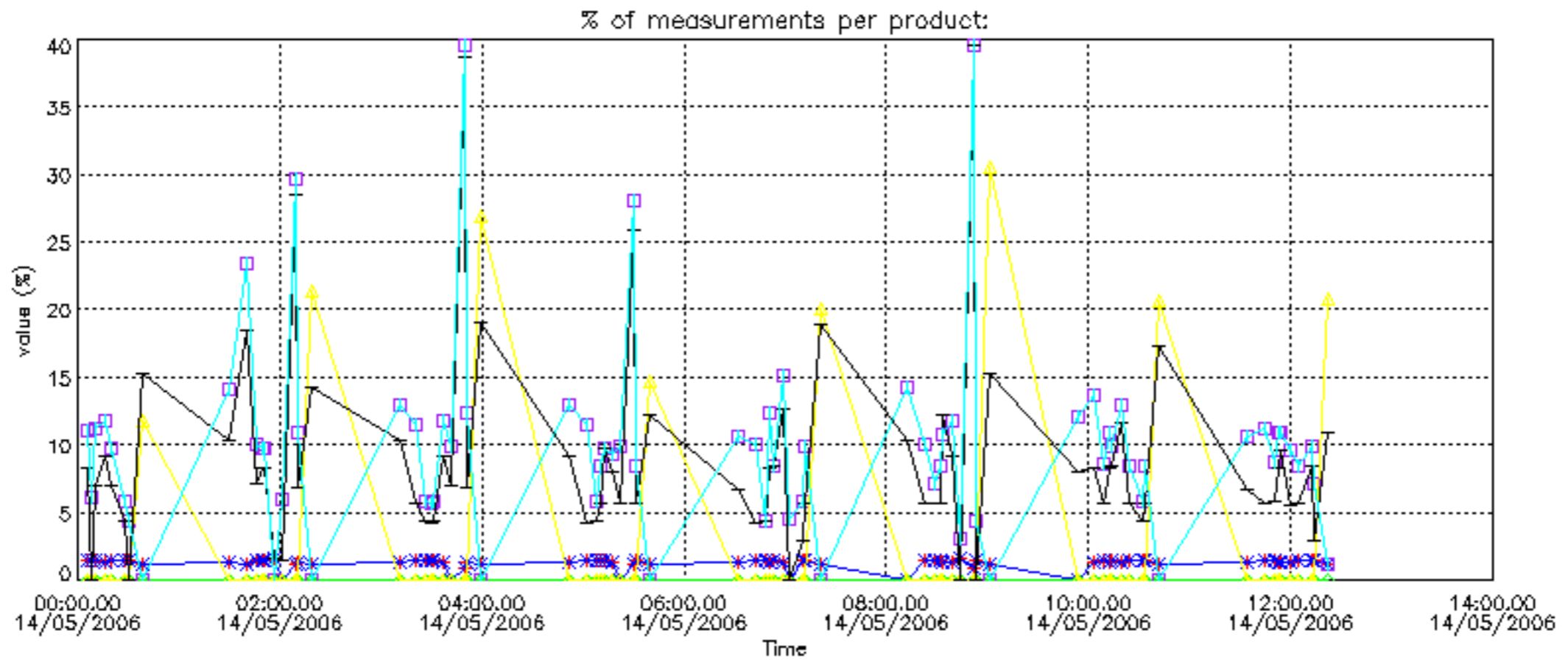
Percentage of flagged data per NO2 profile



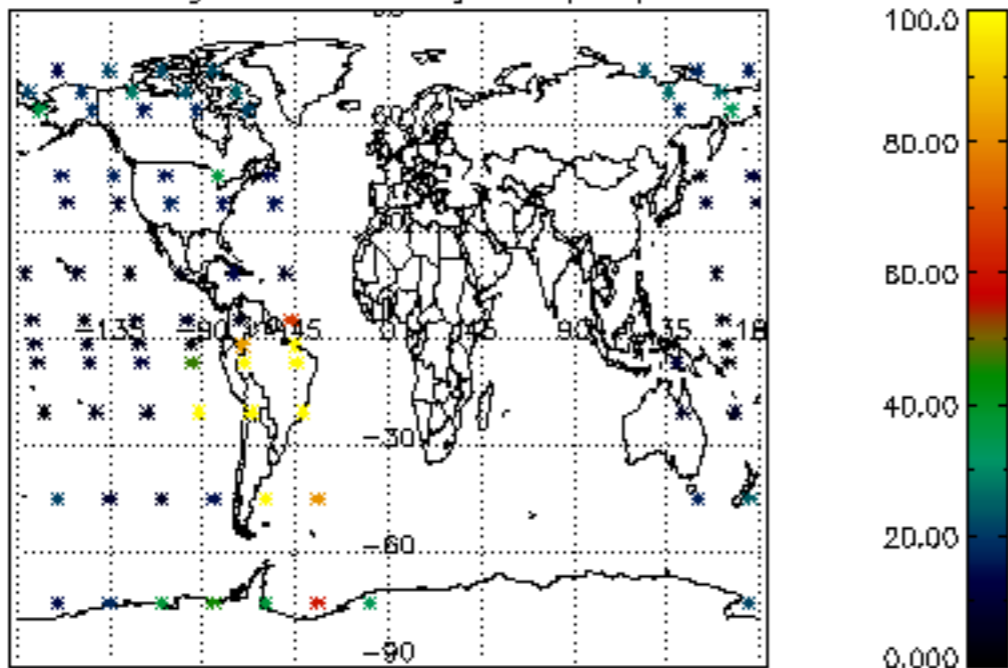
Percentage of flagged data per NO3 profile



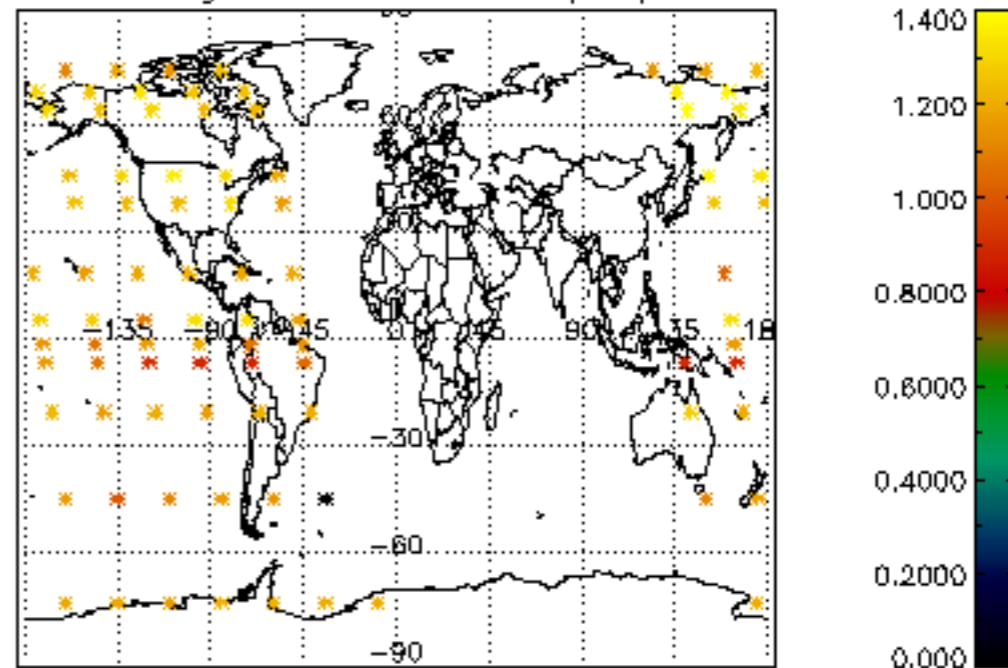




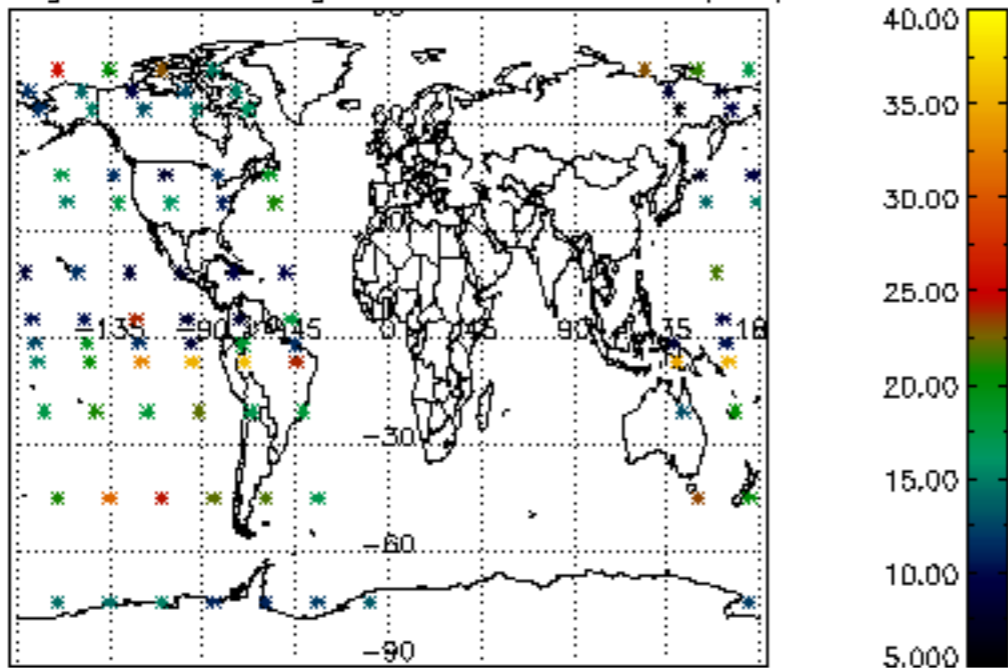
Percentage of cosmic ray hits per profile



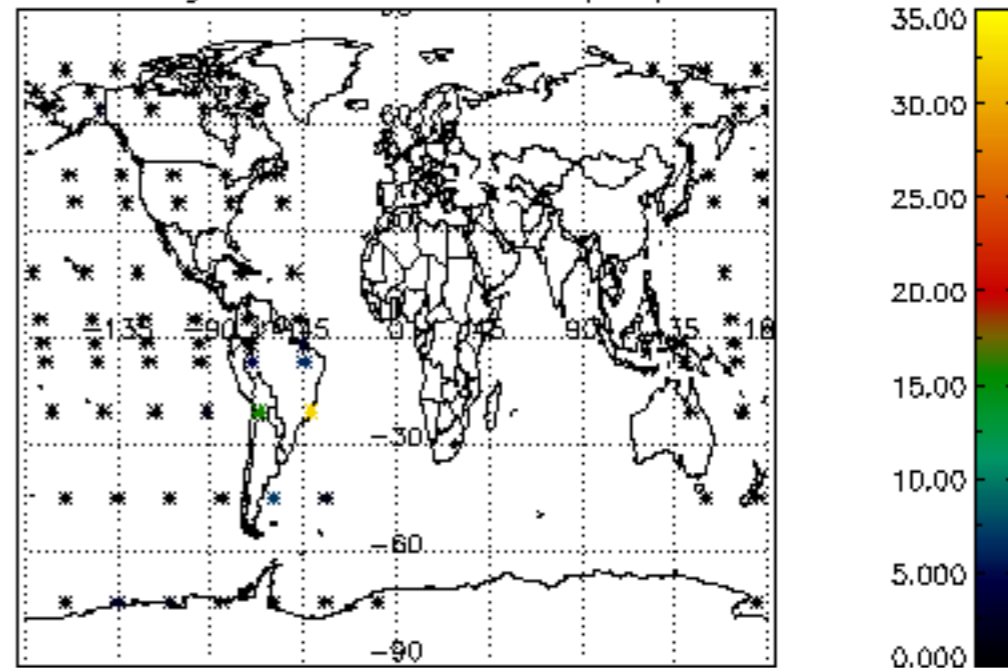
Percentage of datation errors per profile



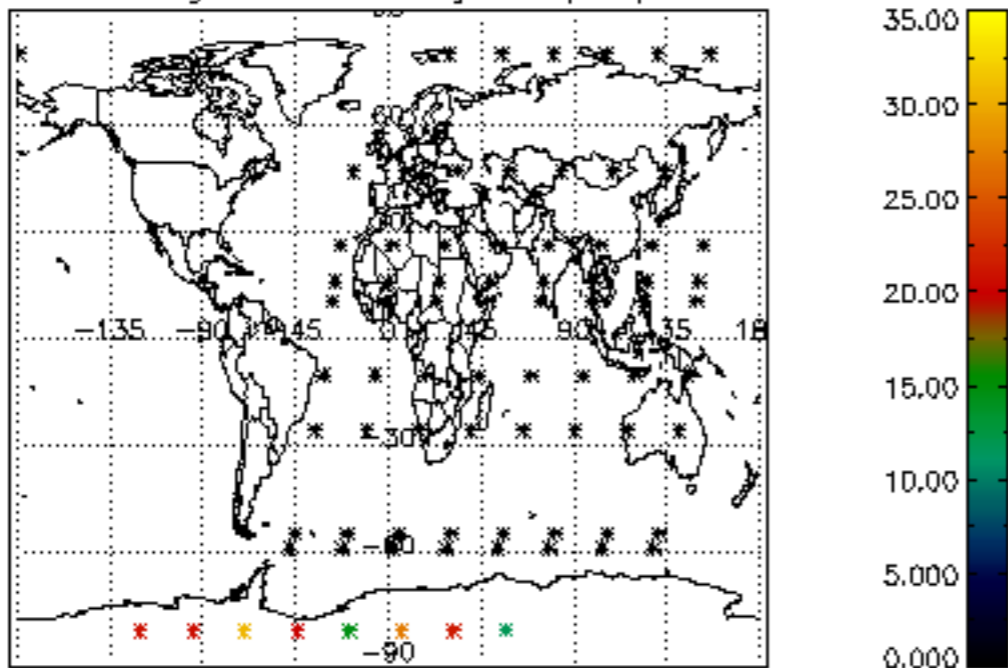
Percentage of star falling outside central band per profile



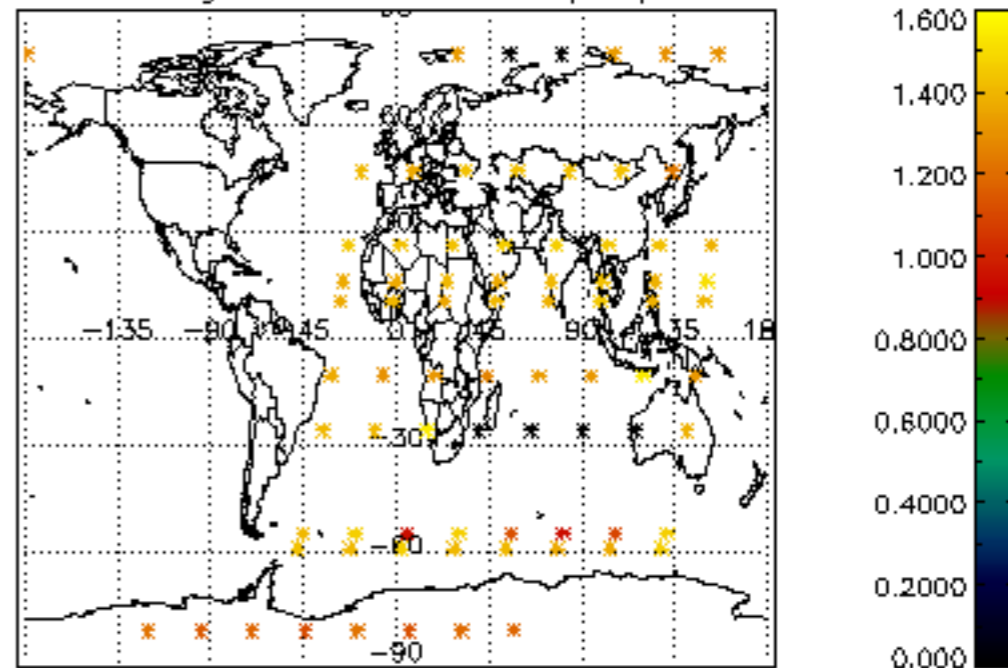
Percentage of saturation errors per profile



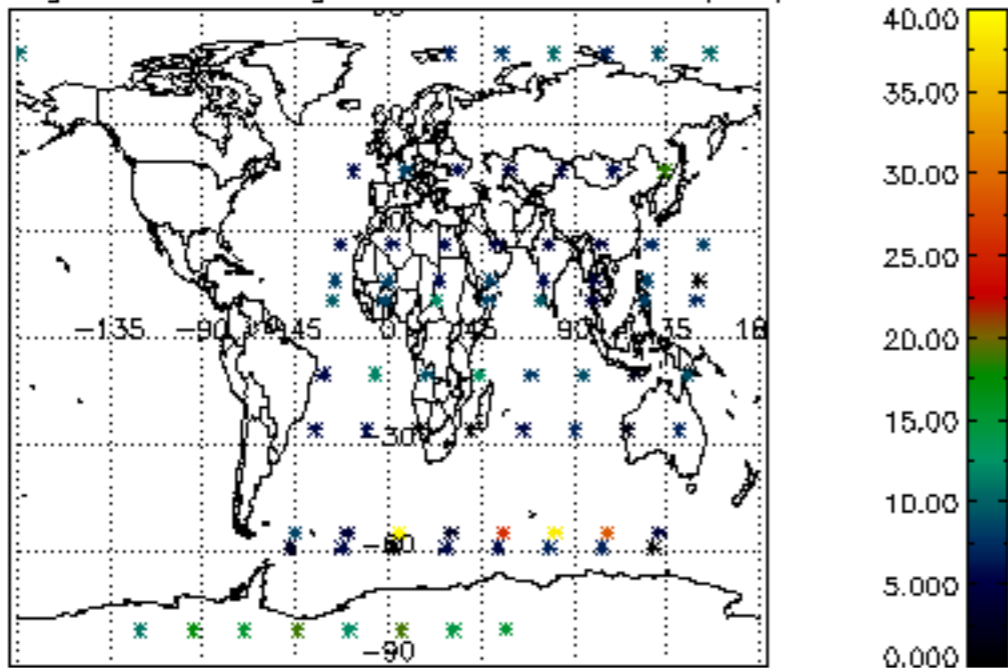
Percentage of cosmic ray hits per profile



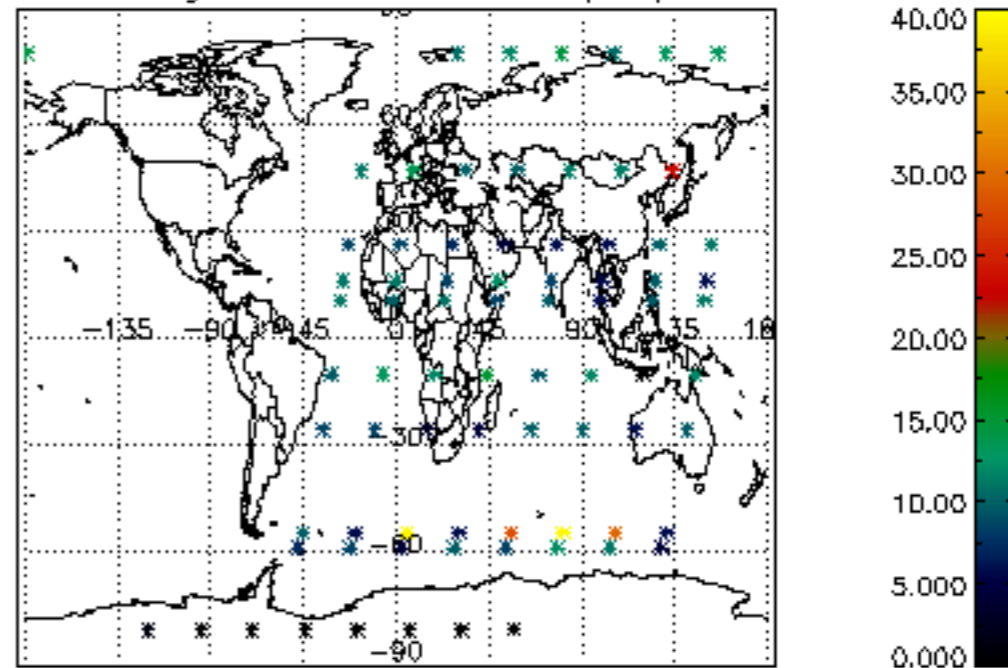
Percentage of datation errors per profile

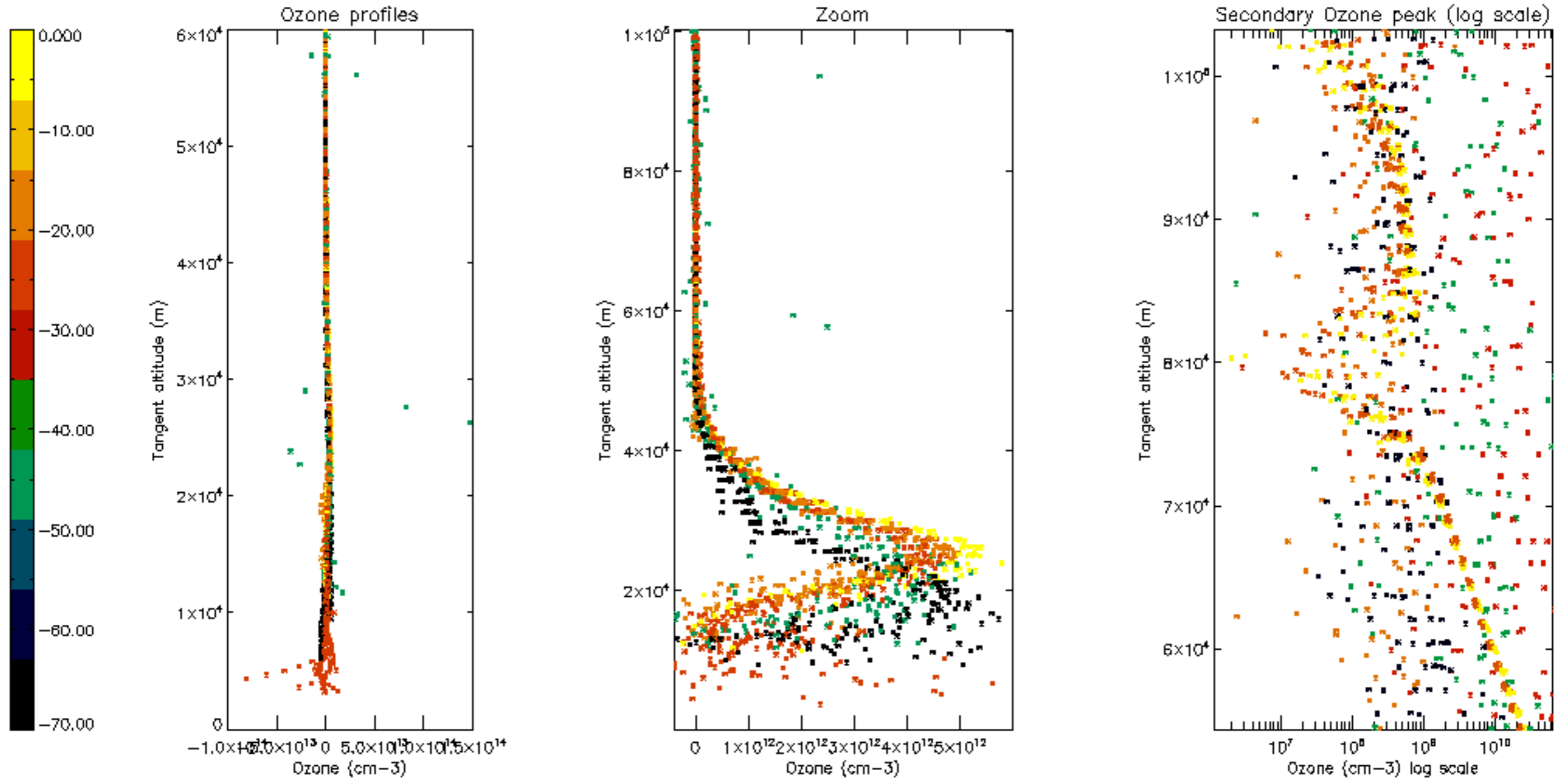


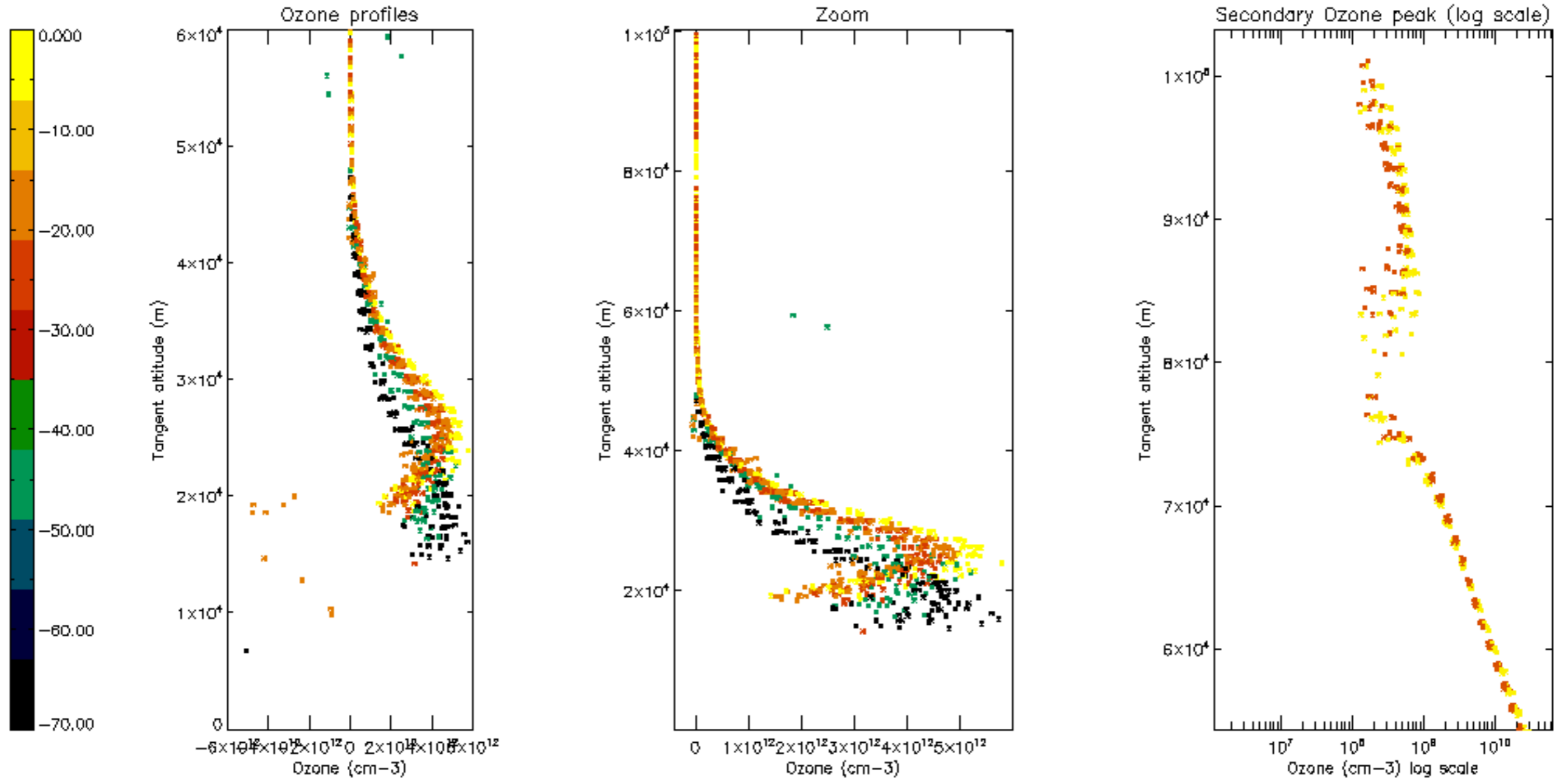
Percentage of star falling outside central band per profile

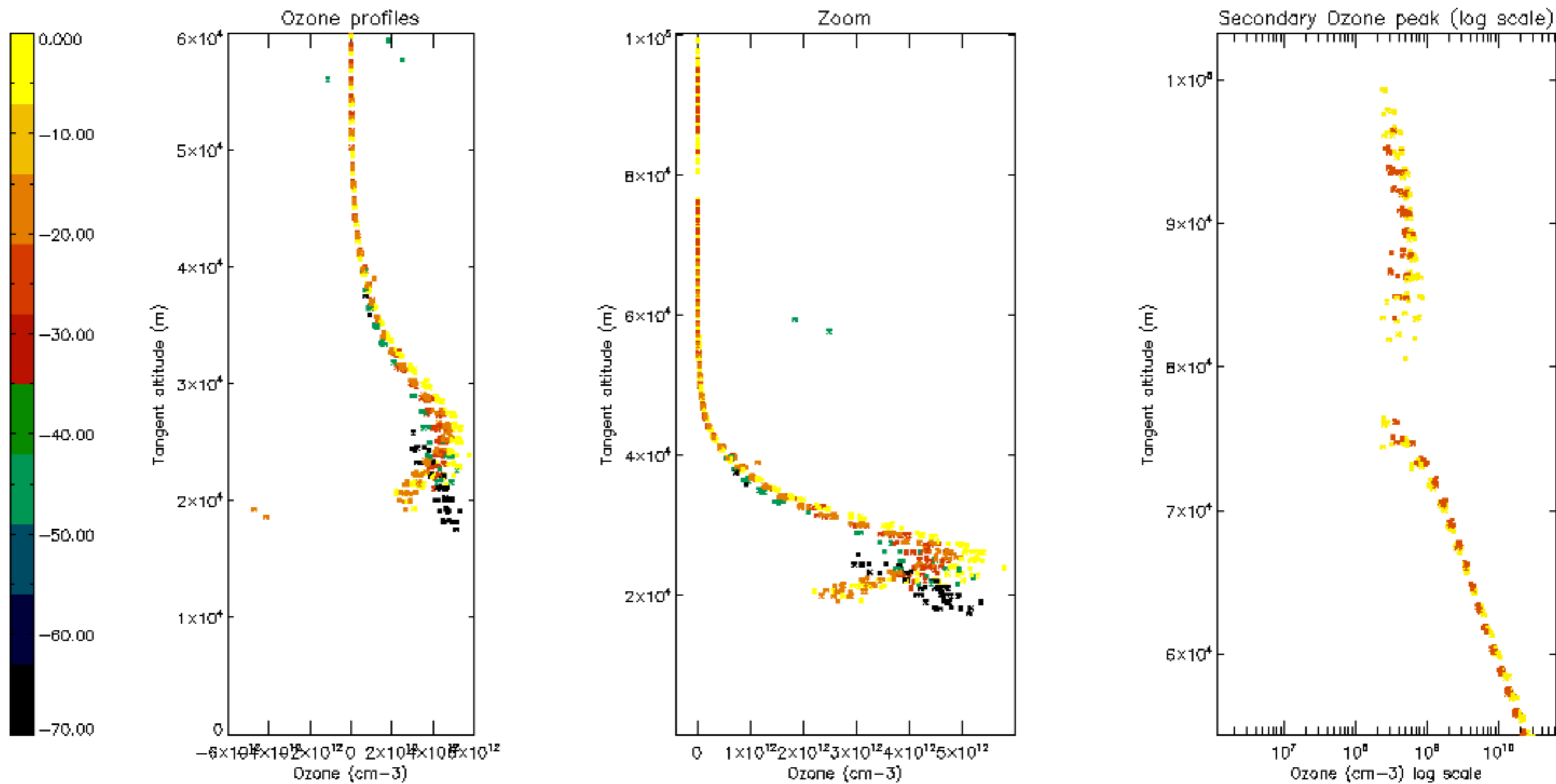


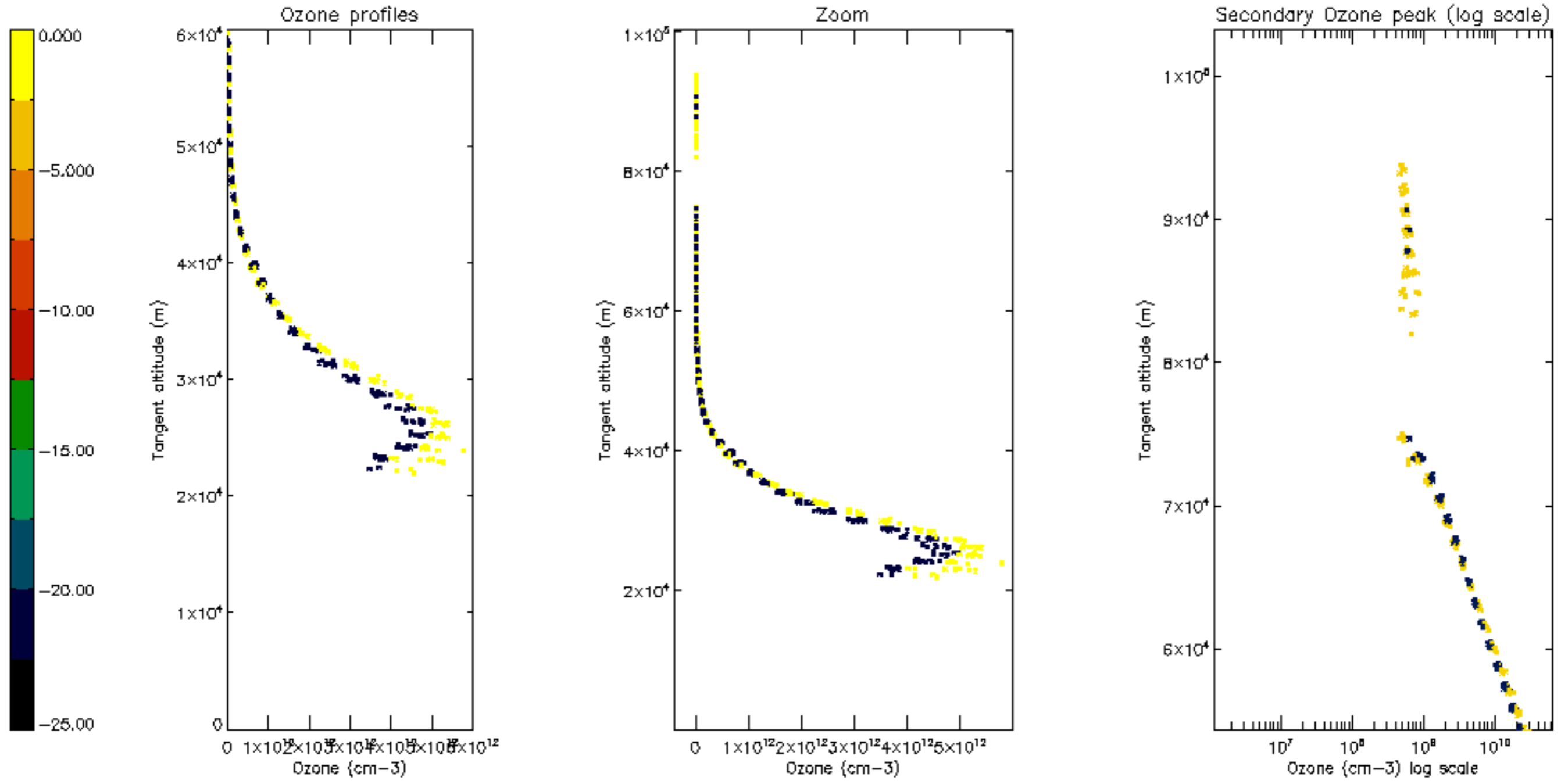
Percentage of saturation errors per profile

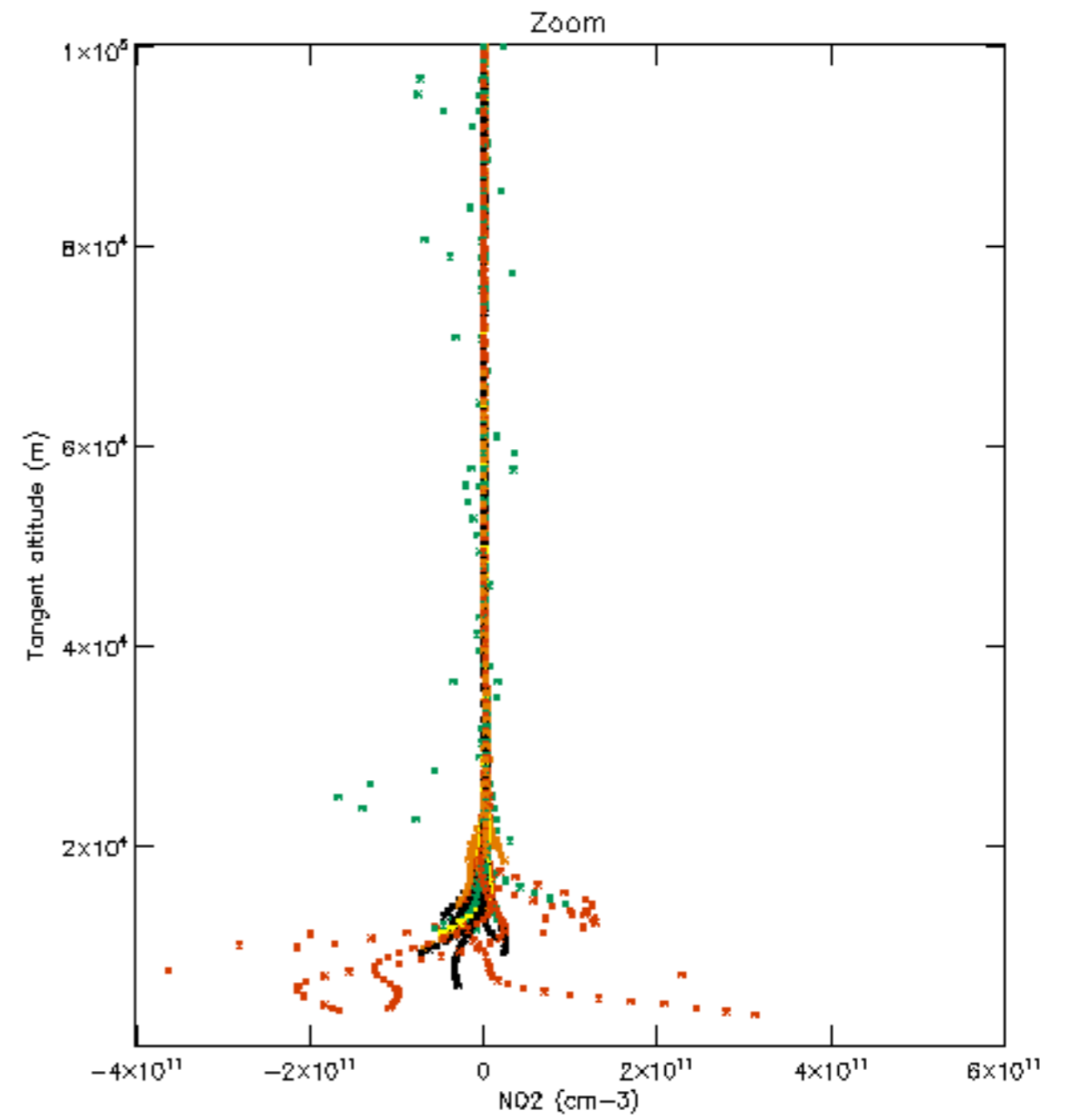
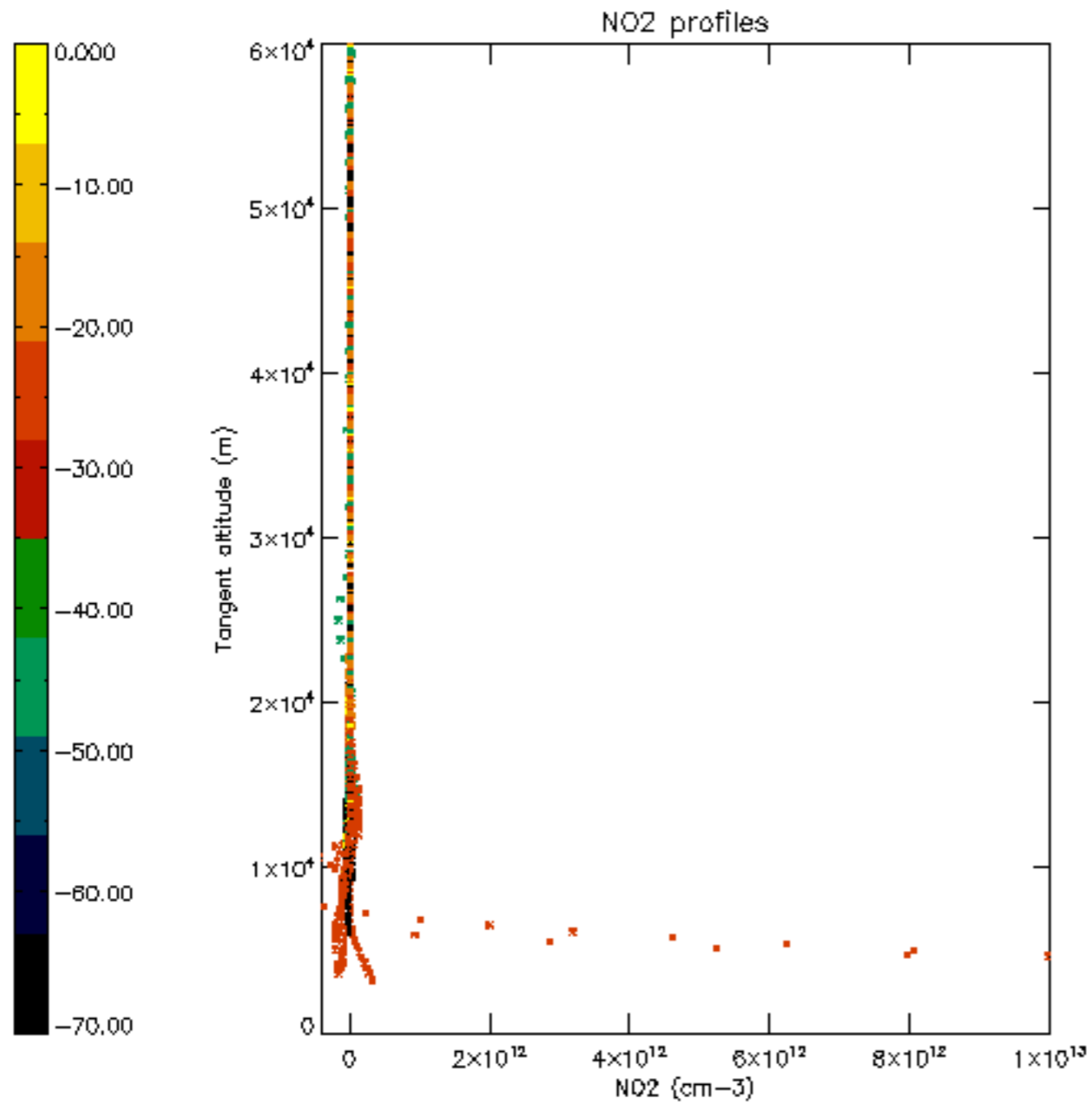


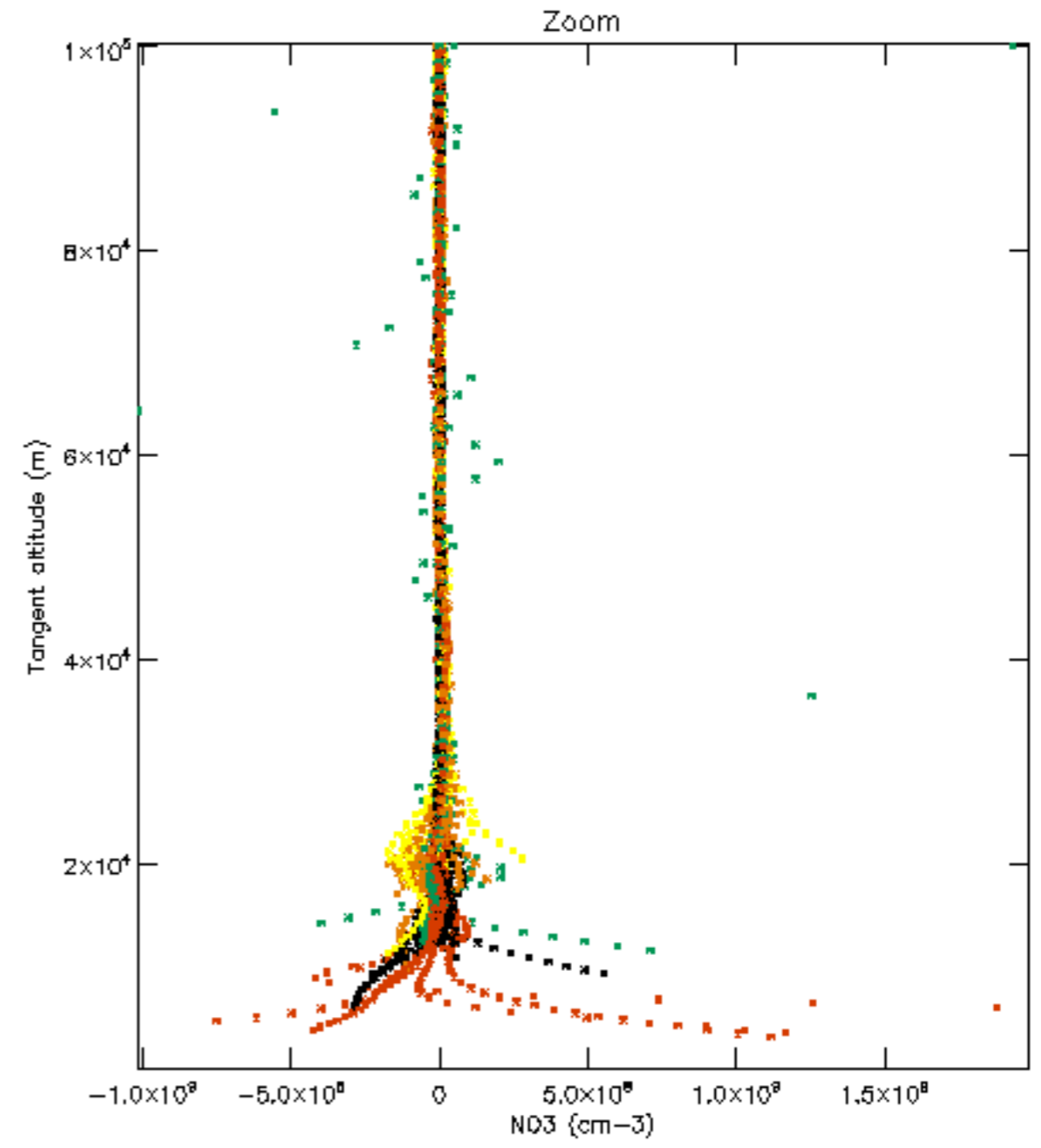
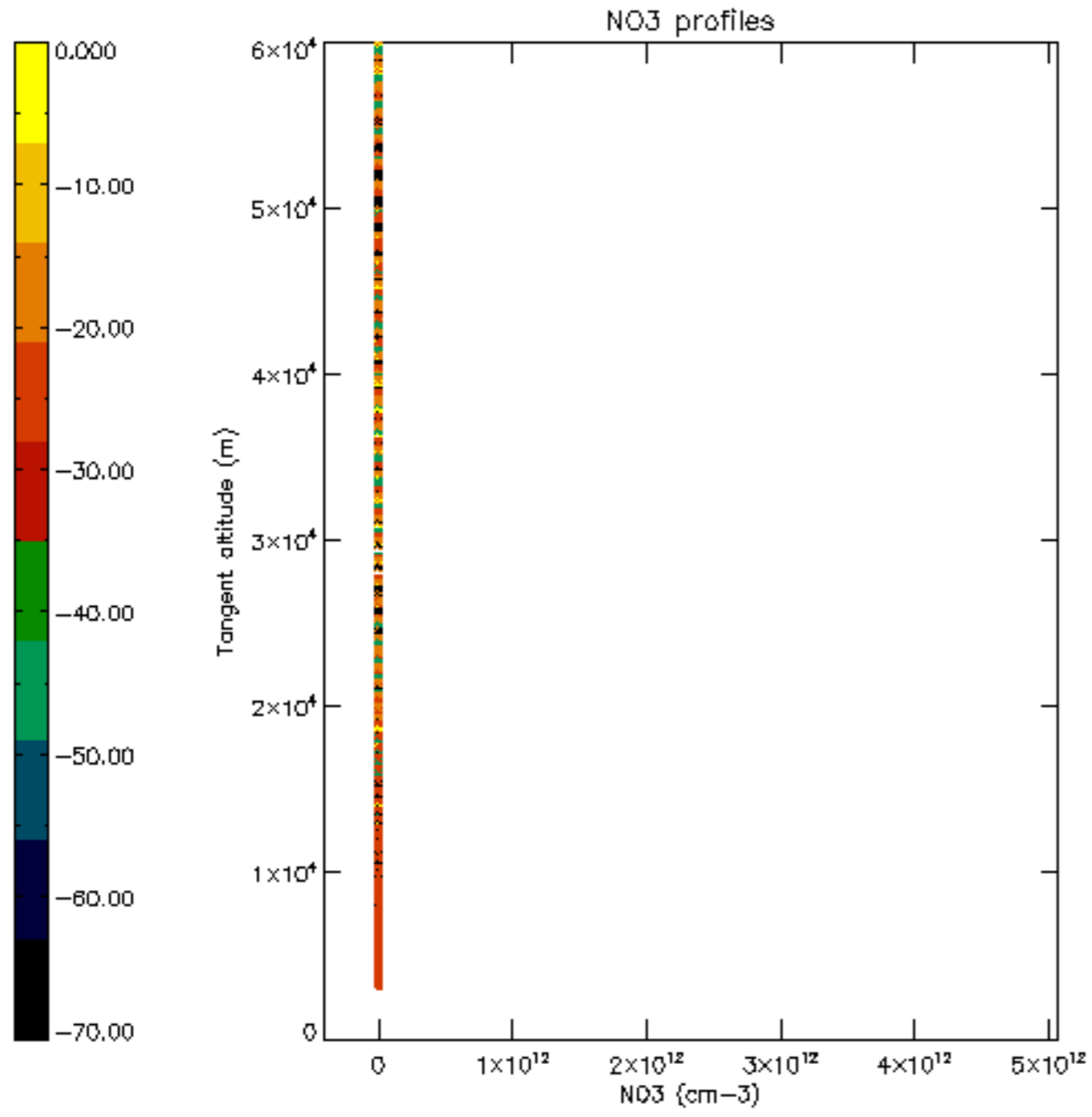


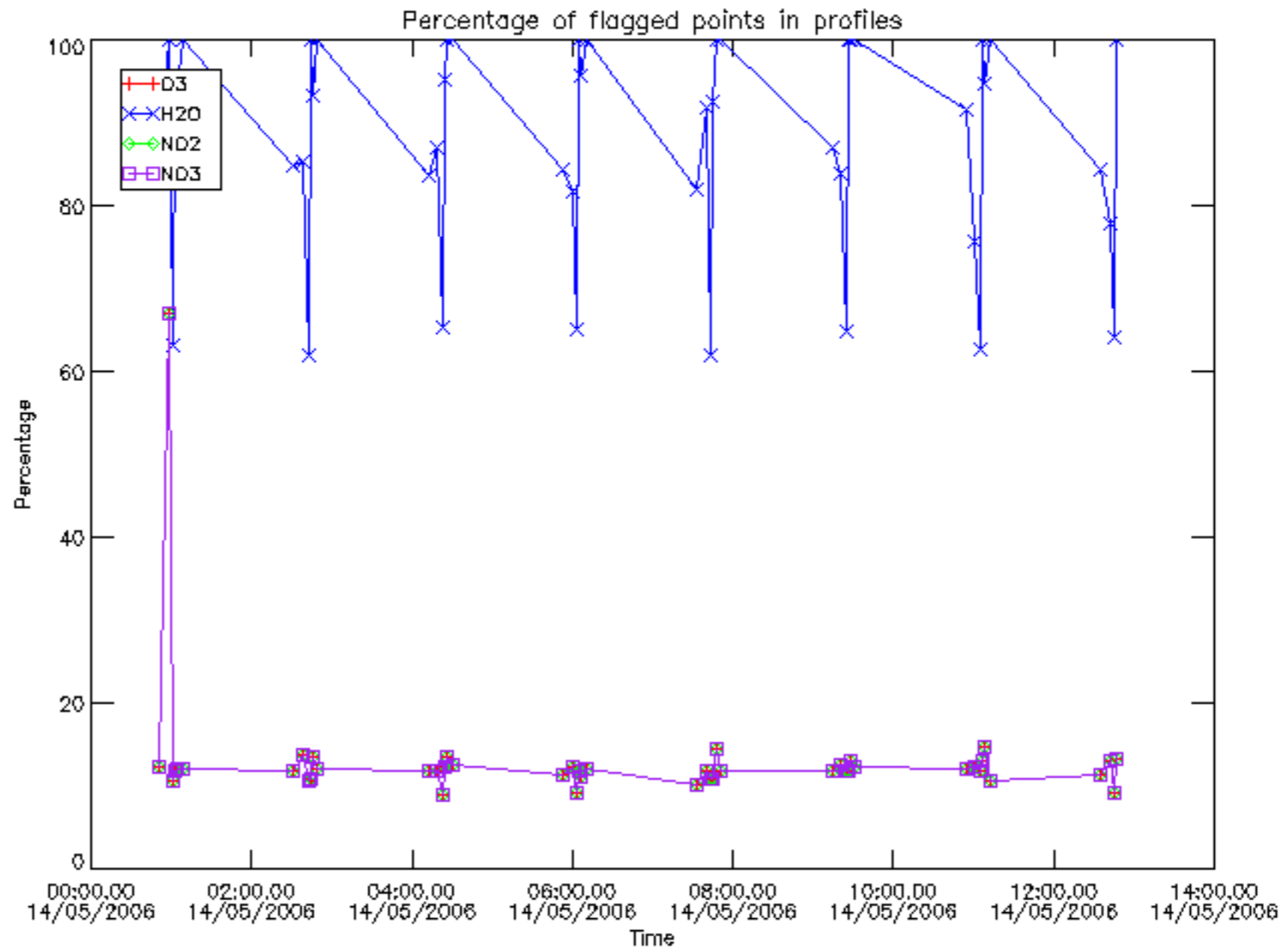




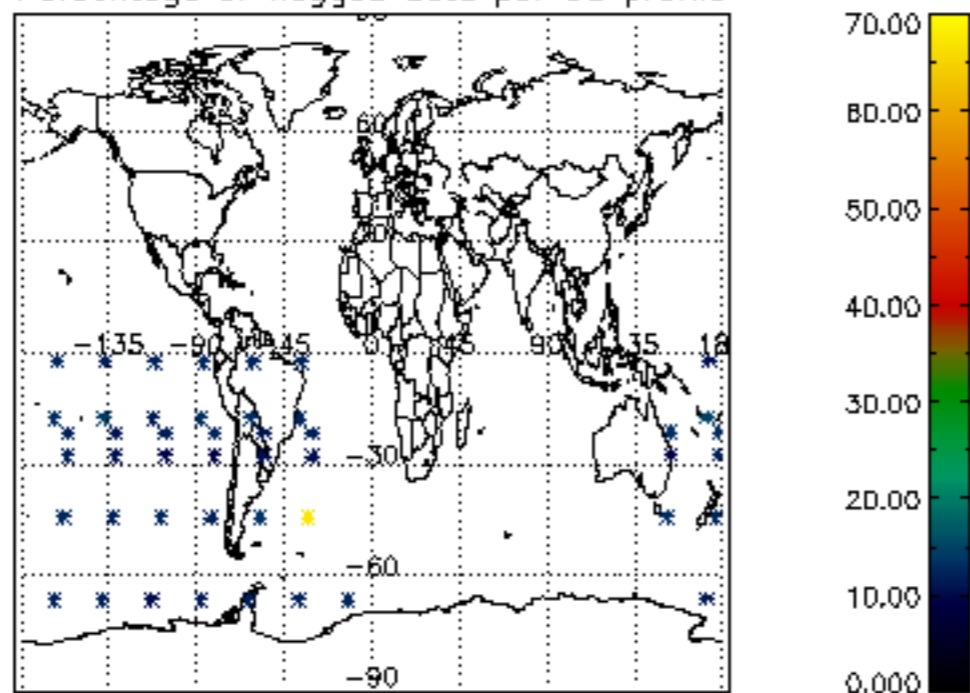




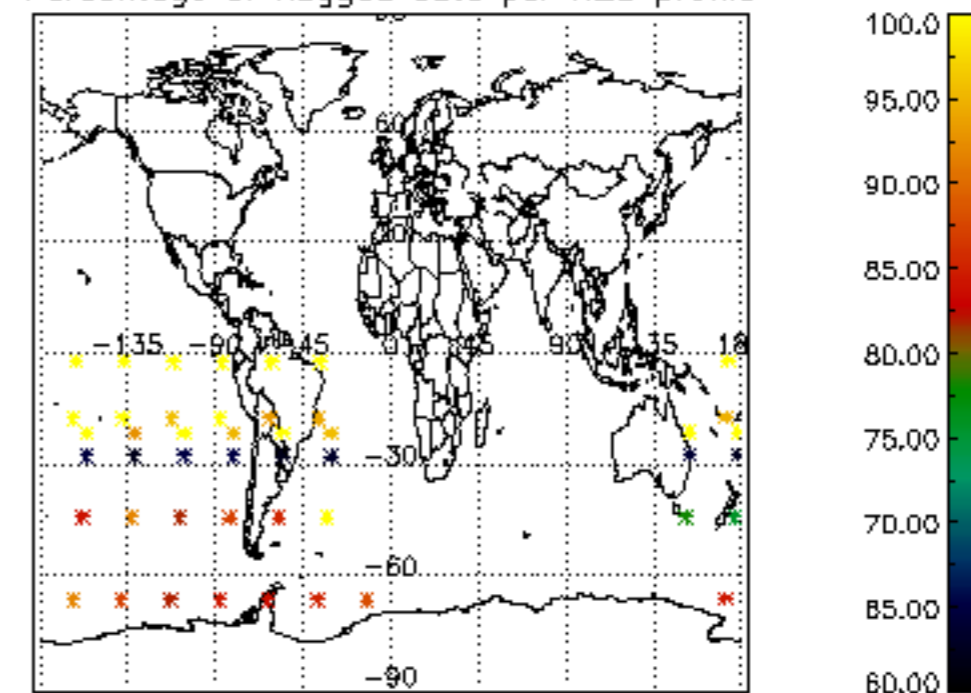




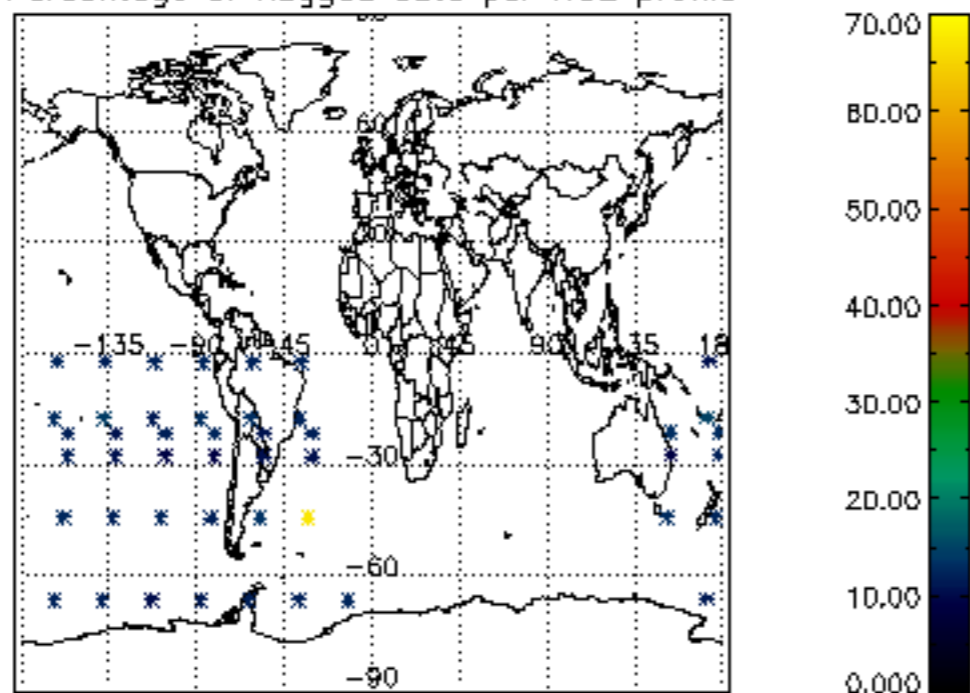
Percentage of flagged data per D3 profile



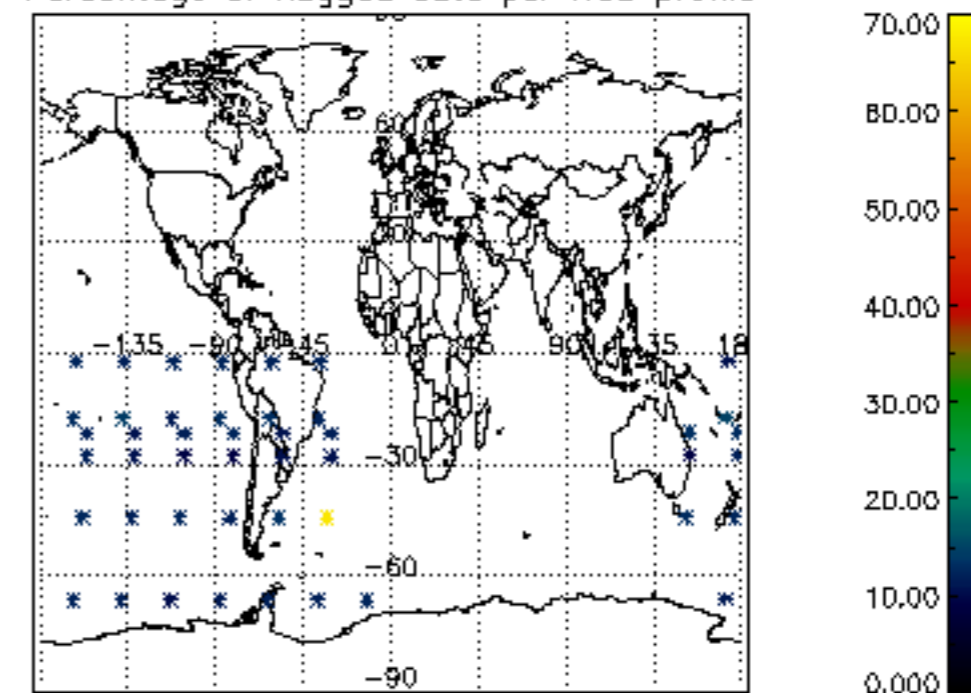
Percentage of flagged data per H2O profile

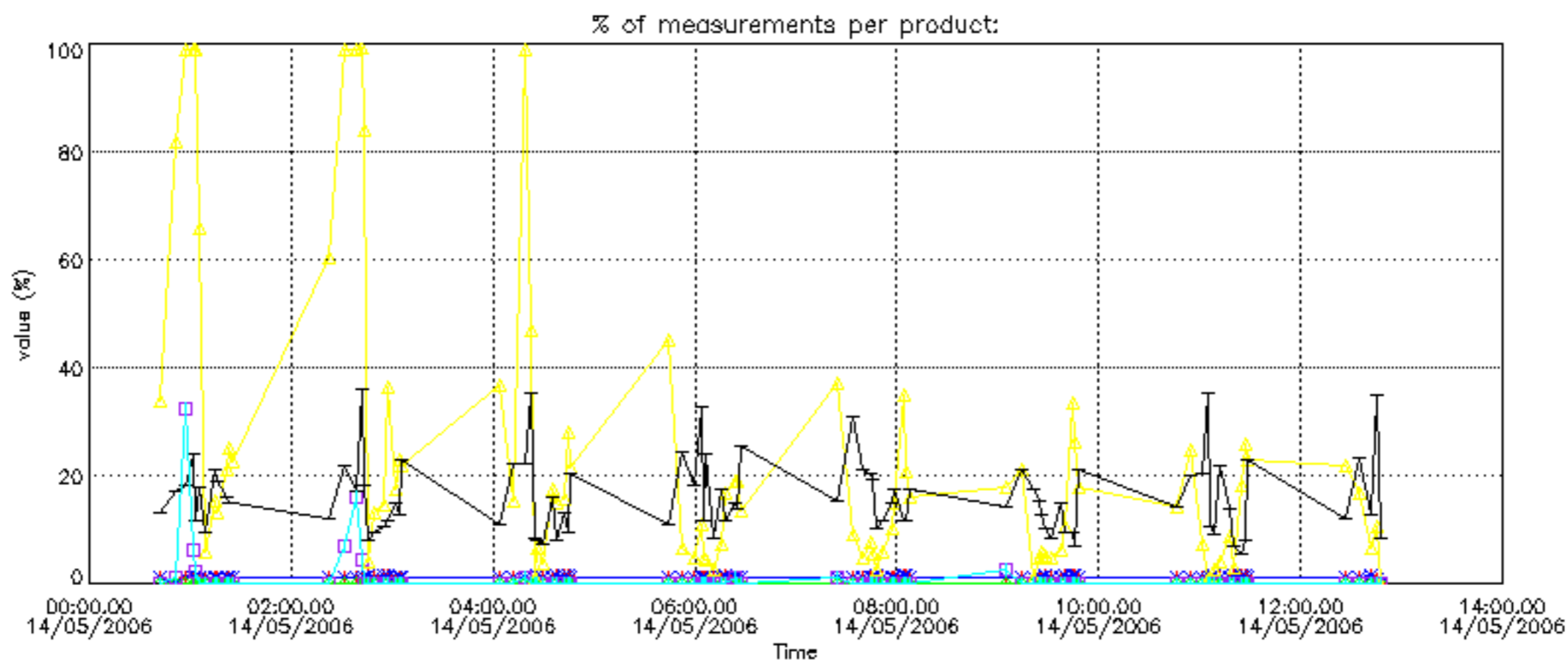


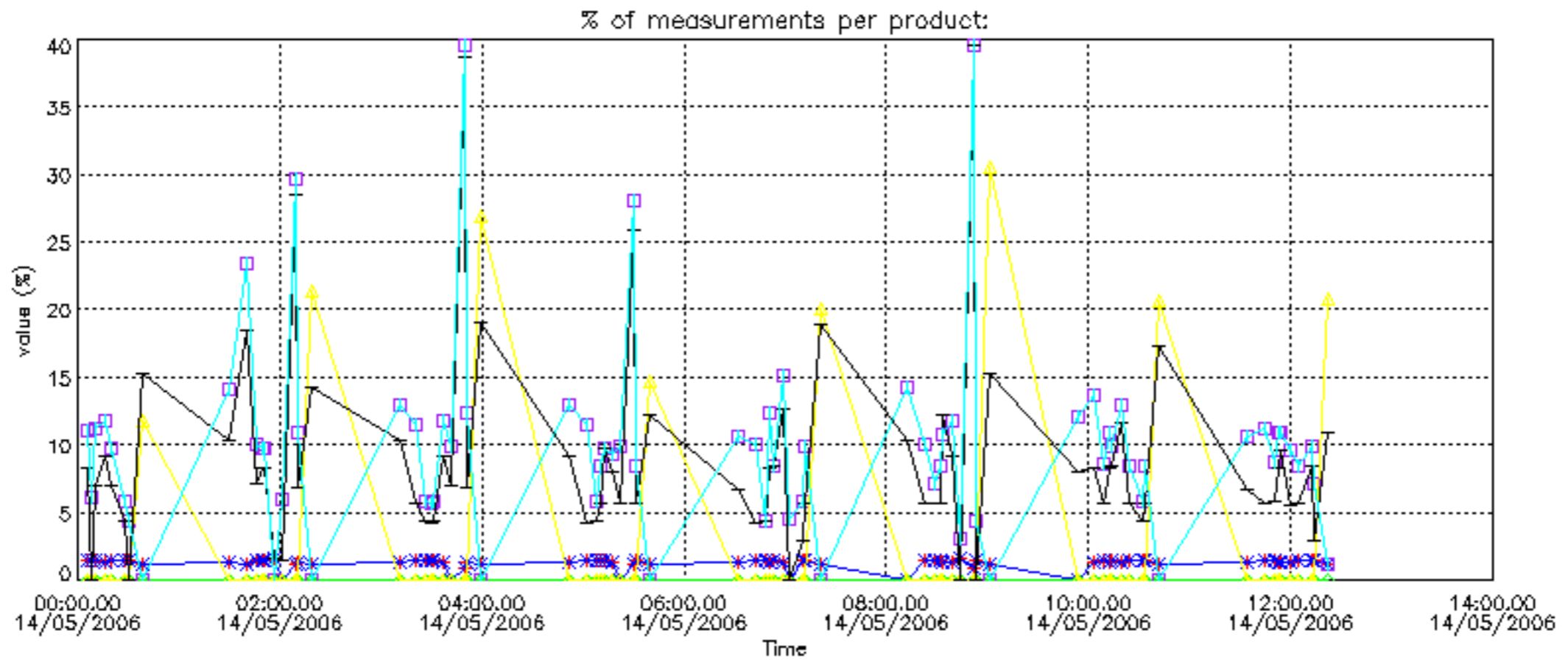
Percentage of flagged data per NO2 profile



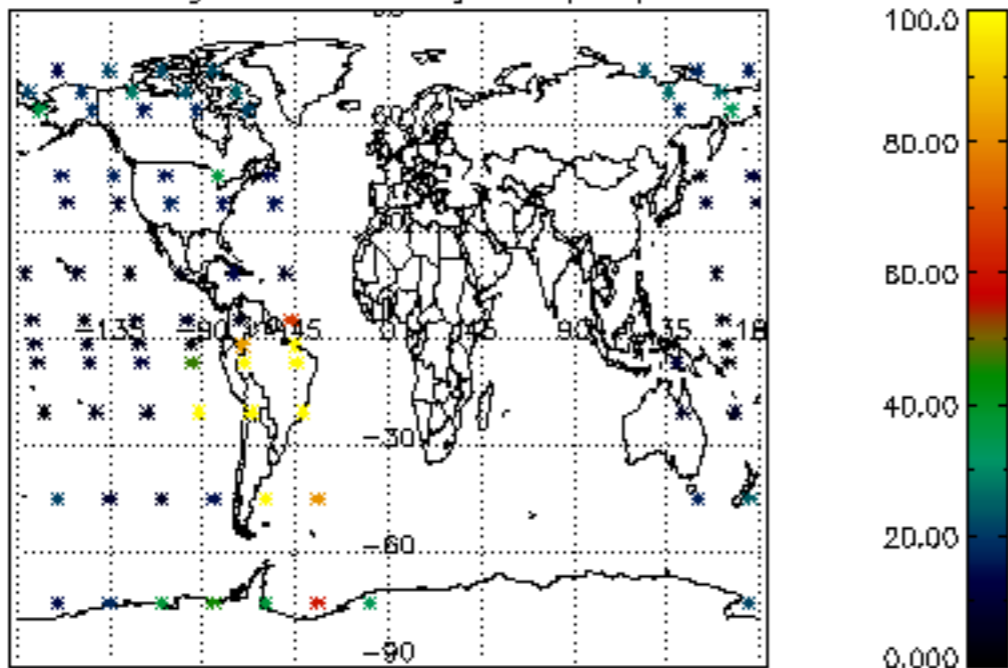
Percentage of flagged data per NO3 profile



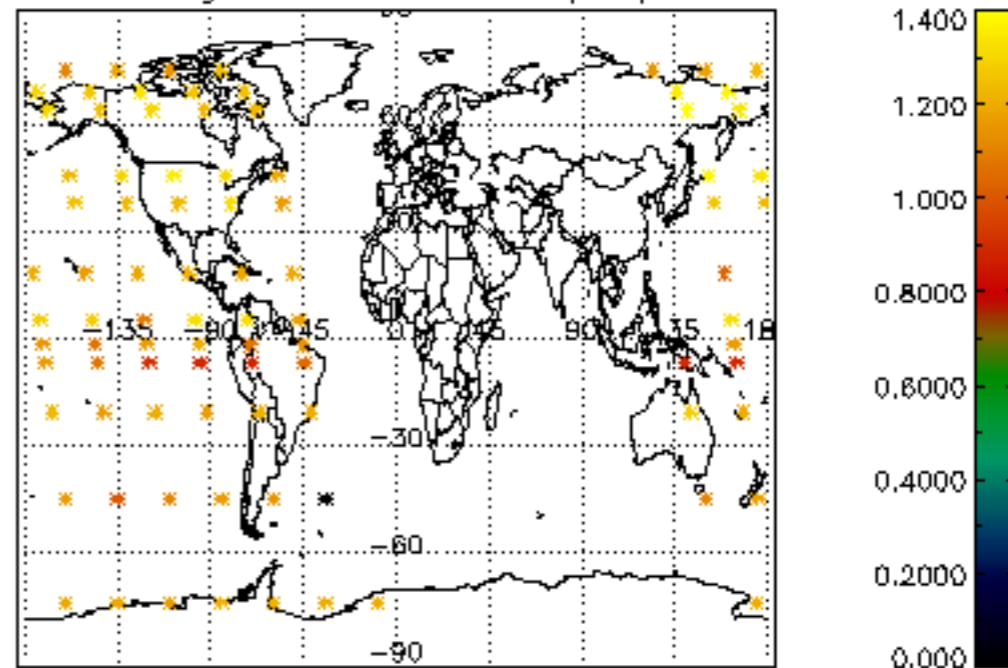




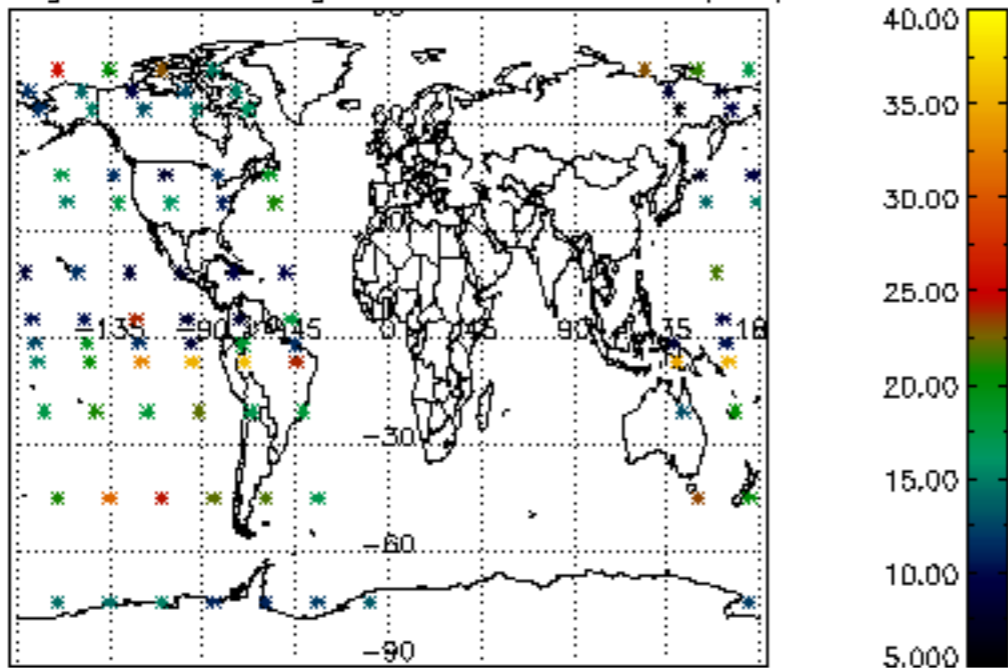
Percentage of cosmic ray hits per profile



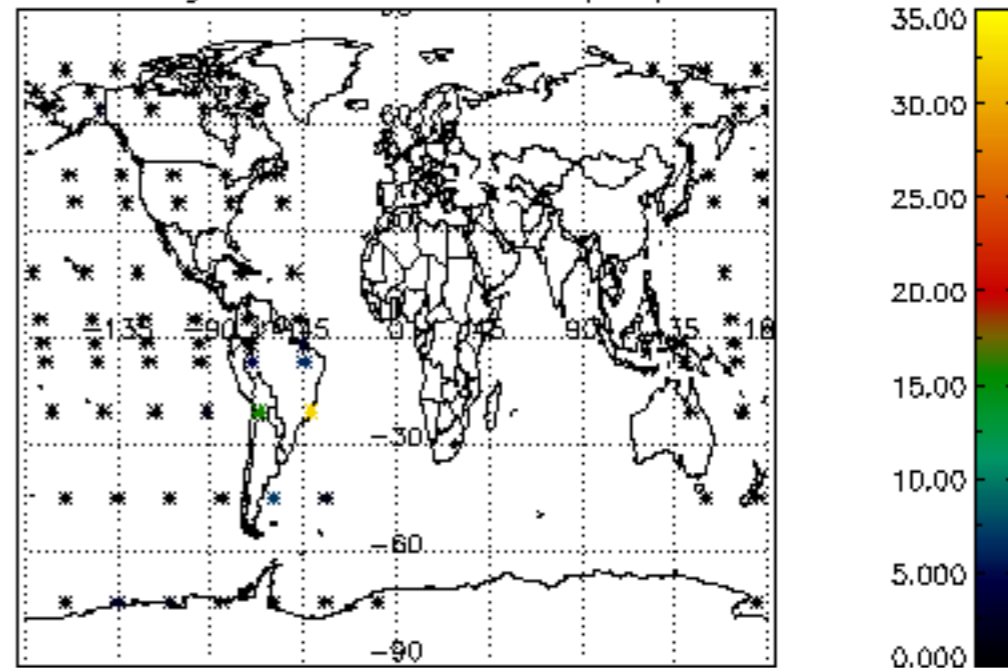
Percentage of datation errors per profile



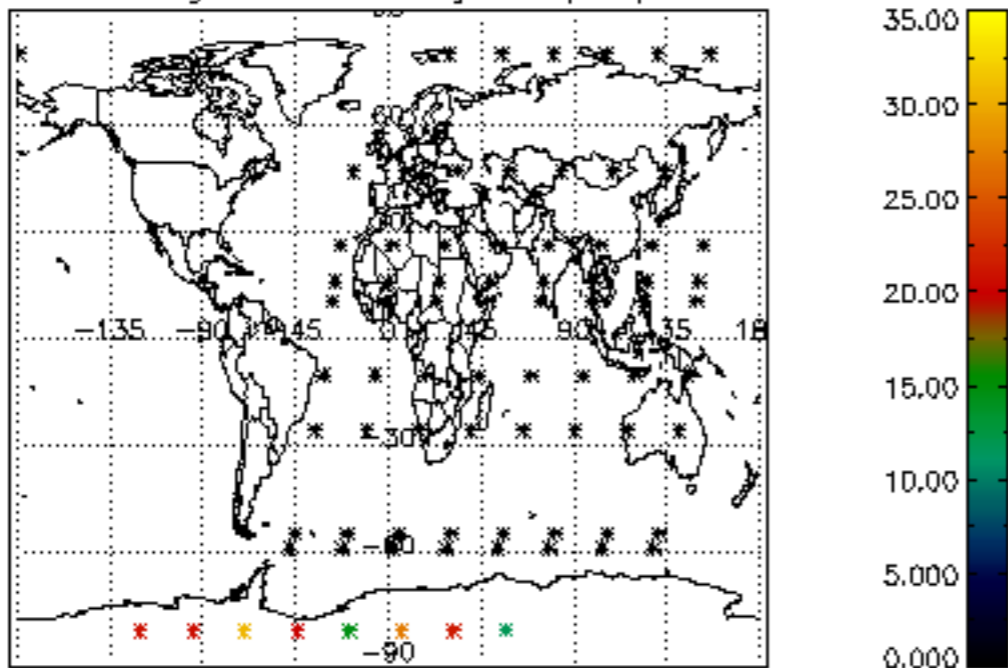
Percentage of star falling outside central band per profile



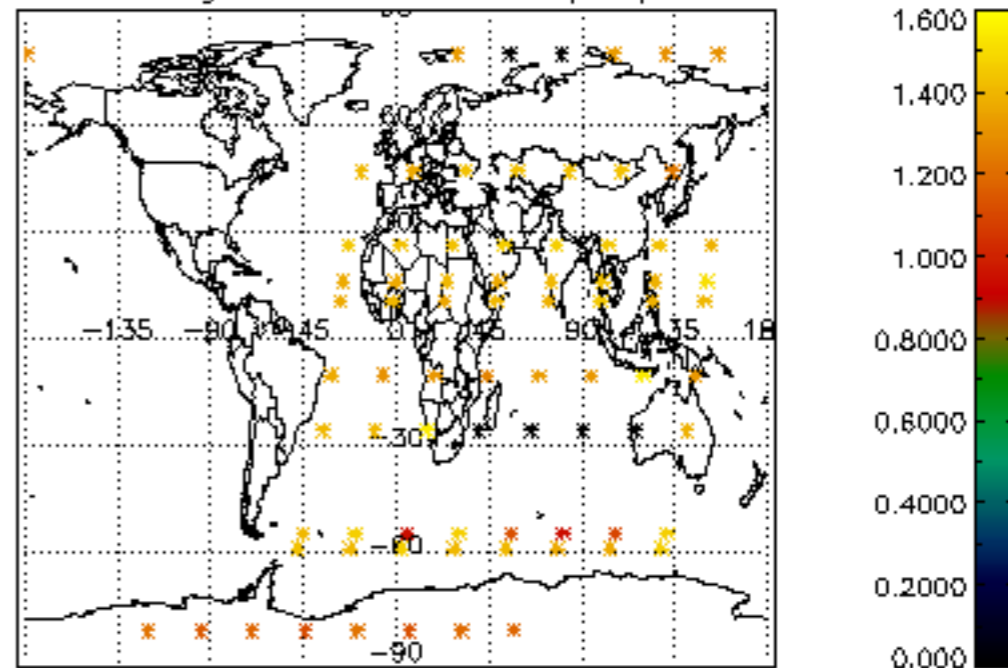
Percentage of saturation errors per profile



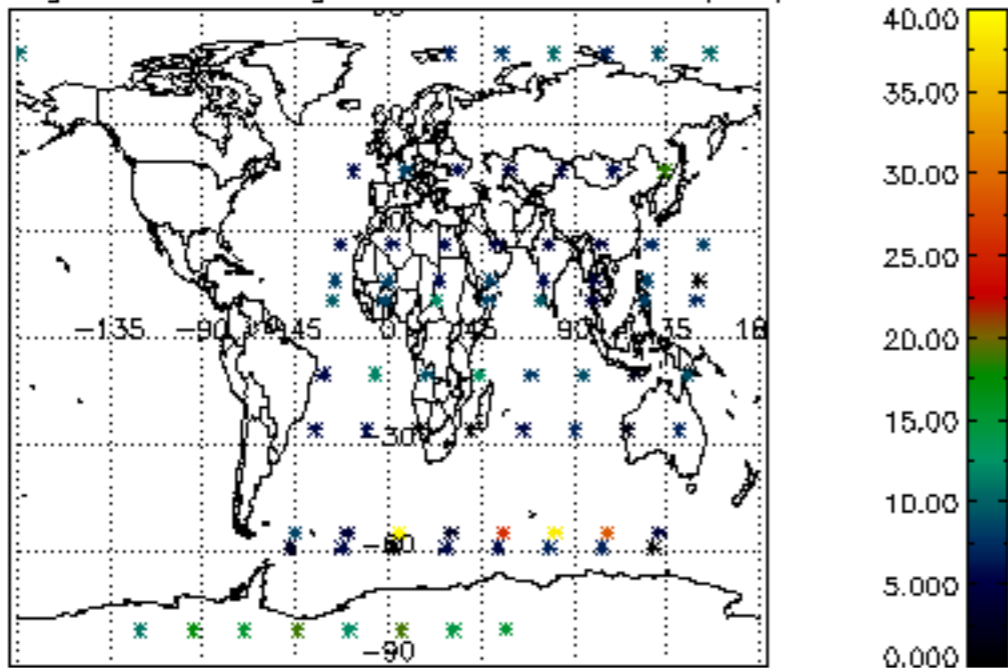
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

