

# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

### [2. Summary of processed GOM\\_NL\\_2P products](#)

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

#### [3.1 Plot of level 2 quality information per product \(time dependant\)](#)

#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	22APR2013 16:26:11
Data source version	GOMOS/6.01
Start time of products	06-03-2006 (06MAR2006 00:00:00)
Stop time of products	07-03-2006 (07MAR2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	233
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__2PRFIN20060306_000112_000000342045_00388_20983_7813.N1	06-MAR-2006 00:01:12	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20983	No
2	GOM_NL__2PRFIN20060306_000245_000000352045_00388_20983_7814.N1	06-MAR-2006 00:02:45	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20983	No
3	GOM_NL__2PRFIN20060306_000420_000000362045_00388_20983_7815.N1	06-MAR-2006 00:04:20	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	20983	No
4	GOM_NL__2PRFIN20060306_001144_000000402045_00388_20983_7816.N1	06-MAR-2006 00:11:44	Bright	40.000	118	50Gam Aql	2.7180	4600.0	80	20983	No
5	GOM_NL__2PRFIN20060306_002406_000000422045_00388_20983_7817.N1	06-MAR-2006 00:24:06	Dark	41.500	103	38Zet Sgr	2.6000	9700.0	83	20983	No
6	GOM_NL__2PRFIN20060306_003309_000000412045_00389_20984_7801.N1	06-MAR-2006 00:33:09	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	20984	No
7	GOM_NL__2PRFIN20060306_003602_000000392045_00389_20984_7802.N1	06-MAR-2006 00:36:02	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	20984	No
8	GOM_NL__2PRFIN20060306_003815_000000372045_00389_20984_7803.N1	06-MAR-2006 00:38:15	Dark	36.500	145	Gam TrA	2.8720	10600.	73	20984	No
9	GOM_NL__2PRFIN20060306_003944_000000262045_00389_20984_7804.N1	06-MAR-2006 00:39:44	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20984	No
10	GOM_NL__2PRFIN20060306_004102_000000292045_00389_20984_7805.N1	06-MAR-2006 00:41:02	Dark	29.000	10	Bet Cen	0.61000	28000.	58	20984	No
11	GOM_NL__2PRFIN20060306_004204_000000372045_00389_20984_7806.N1	06-MAR-2006 00:42:04	Dark	36.500	112	Alp Mus	2.6880	26000.	73	20984	No
12	GOM_NL__2PRFIN20060306_004325_000000402045_00389_20984_7807.N1	06-MAR-2006 00:43:25	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	20984	No
13	GOM_NL__2PRFIN20060306_004503_000000372045_00389_20984_7808.N1	06-MAR-2006 00:45:03	Dark	36.500	124	The Car	2.7640	30000.	73	20984	No
14	GOM_NL__2PRFIN20060306_004850_000000432045_00389_20984_7809.N1	06-MAR-2006 00:48:50	Straylight	42.500	113	Mu Vel	2.6920	5000.0	85	20984	No
15	GOM_NL__2PRFIN20060306_010112_000000452045_00389_20984_7810.N1	06-MAR-2006 01:01:12	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	20984	No
16	GOM_NL__2PRFIN20060306_012905_000000372045_00389_20984_7811.N1	06-MAR-2006 01:29:05	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	20984	No
17	GOM_NL__2PRFIN20060306_013642_000000362045_00389_20984_7812.N1	06-MAR-2006 01:36:42	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20984	No
18	GOM_NL__2PRFIN20060306_014148_000000342045_00389_20984_7813.N1	06-MAR-2006 01:41:48	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20984	No
19	GOM_NL__2PRFIN20060306_014321_000000352045_00389_20984_7814.N1	06-MAR-2006 01:43:21	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	20984	No
20	GOM_NL__2PRFIN20060306_014456_000000342045_00389_20984_7815.N1	06-MAR-2006 01:44:56	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	20984	No
21	GOM_NL__2PRFIN20060306_015220_000000382045_00389_20984_7816.N1	06-MAR-2006 01:52:20	Bright	38.000	118	50Gam Aql	2.7180	4600.0	76	20984	No
22	GOM_NL__2PRFIN20060306_021346_000000422045_00390_20985_7801.N1	06-MAR-2006 02:13:46	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	20985	No
23	GOM_NL__2PRFIN20060306_021638_000000412045_00390_20985_7802.N1	06-MAR-2006 02:16:38	Dark	41.000	43	Alp TrA	1.9100	4250.0	82	20985	No
24	GOM_NL__2PRFIN20060306_021851_000000362045_00390_20985_7803.N1	06-MAR-2006 02:18:51	Dark	36.000	145	Gam TrA	2.8720	10600.	72	20985	No
25	GOM_NL__2PRFIN20060306_022021_000000262045_00390_20985_7804.N1	06-MAR-2006 02:20:21	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20985	No
26	GOM_NL__2PRFIN20060306_022139_000000292045_00390_20985_7805.N1	06-MAR-2006 02:21:39	Dark	29.000	10	Bet Cen	0.61000	28000.	58	20985	No
27	GOM_NL__2PRFIN20060306_022240_000000362045_00390_20985_7806.N1	06-MAR-2006 02:22:40	Dark	36.000	112	Alp Mus	2.6880	26000.	72	20985	No
28	GOM_NL__2PRFIN20060306_022402_000000472045_00390_20985_7807.N1	06-MAR-2006 02:24:02	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	20985	No
29	GOM_NL__2PRFIN20060306_022539_000000362045_00390_20985_7808.N1	06-MAR-2006 02:25:39	Dark	36.000	124	The Car	2.7640	30000.	72	20985	No
30	GOM_NL__2PRFIN20060306_022927_000000412045_00390_20985_7809.N1	06-MAR-2006 02:29:27	Straylight	41.000	113	Mu Vel	2.6920	5000.0	82	20985	No
31	GOM_NL__2PRFIN20060306_024148_000000452045_00390_20985_7810.N1	06-MAR-2006 02:41:48	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	20985	No
32	GOM_NL__2PRFIN20060306_030941_000000352045_00390_20985_7811.N1	06-MAR-2006 03:09:41	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20985	No
33	GOM_NL__2PRFIN20060306_031718_000000352045_00390_20985_7812.N1	06-MAR-2006 03:17:18	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	20985	No
34	GOM_NL__2PRFIN20060306_032224_000000342045_00390_20985_7813.N1	06-MAR-2006 03:22:24	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20985	No
35	GOM_NL__2PRFIN20060306_032357_000000352045_00390_20985_7814.N1	06-MAR-2006 03:23:57	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20985	No
36	GOM_NL__2PRFIN20060306_032533_000000362045_00390_20985_7815.N1	06-MAR-2006 03:25:33	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	20985	No
37	GOM_NL__2PRFIN20060306_033256_000000402045_00390_20985_7816.N1	06-MAR-2006 03:32:56	Bright	40.000	118	50Gam Aql	2.7180	4600.0	80	20985	No
38	GOM_NL__2PRFIN20060306_035422_000000392045_00391_20986_7801.N1	06-MAR-2006 03:54:22	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	20986	No
39	GOM_NL__2PRFIN20060306_035715_000000382045_00391_20986_7802.N1	06-MAR-2006 03:57:15	Dark	38.000	43	Alp TrA	1.9100	4250.0	76	20986	No
40	GOM_NL__2PRFIN20060306_035928_000000372045_00391_20986_7803.N1	06-MAR-2006 03:59:28	Dark	36.500	145	Gam TrA	2.8720	10600.	73	20986	No
41	GOM_NL__2PRFIN20060306_040057_000000262045_00391_20986_7804.N1	06-MAR-2006 04:00:57	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20986	No
42	GOM_NL__2PRFIN20060306_040215_000000302045_00391_20986_7805.N1	06-MAR-2006 04:02:15	Dark	30.000	10	Bet Cen	0.61000	28000.	60	20986	No

43	GOM_NL__2PRFIN20060306_040316_000000382045_00391_20986_7806.N1	06-MAR-2006 04:03:16	Dark	37.500	112	Alp Mus	2.6880	26000.	75	20986	No
44	GOM_NL__2PRFIN20060306_040438_000000452045_00391_20986_7807.N1	06-MAR-2006 04:04:38	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	20986	No
45	GOM_NL__2PRFIN20060306_040615_000000362045_00391_20986_7808.N1	06-MAR-2006 04:06:15	Dark	36.000	124	The Car	2.7640	30000.	72	20986	No
46	GOM_NL__2PRFIN20060306_041003_000000382045_00391_20986_7809.N1	06-MAR-2006 04:10:03	Straylight	38.000	113	Mu Vel	2.6920	5000.0	76	20986	No
47	GOM_NL__2PRFIN20060306_042224_000000512045_00391_20986_7810.N1	06-MAR-2006 04:22:24	Twilight_stray	51.000	48	30Alp Hya	1.9770	4100.0	102	20986	No
48	GOM_NL__2PRFIN20060306_045017_000000332045_00391_20986_7811.N1	06-MAR-2006 04:50:17	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	20986	No
49	GOM_NL__2PRFIN20060306_045754_000000342045_00391_20986_7812.N1	06-MAR-2006 04:57:54	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	20986	No
50	GOM_NL__2PRFIN20060306_050300_000000342045_00391_20986_7813.N1	06-MAR-2006 05:03:00	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20986	No
51	GOM_NL__2PRFIN20060306_050433_000000352045_00391_20986_7814.N1	06-MAR-2006 05:04:33	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20986	No
52	GOM_NL__2PRFIN20060306_050609_000000362045_00391_20986_7815.N1	06-MAR-2006 05:06:09	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	20986	No
53	GOM_NL__2PRFIN20060306_051358_000000402045_00391_20986_7816.N1	06-MAR-2006 05:13:58	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	20986	No
54	GOM_NL__2PRFIN20060306_052556_000000432045_00391_20986_7817.N1	06-MAR-2006 05:25:56	Dark	42.500	103	38Zet Sgr	2.6000	9700.0	85	20986	No
55	GOM_NL__2PRFIN20060306_053459_000000412045_00392_20987_7801.N1	06-MAR-2006 05:34:59	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	20987	No
56	GOM_NL__2PRFIN20060306_053751_000000392045_00392_20987_7802.N1	06-MAR-2006 05:37:51	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	20987	No
57	GOM_NL__2PRFIN20060306_054004_000000382045_00392_20987_7803.N1	06-MAR-2006 05:40:04	Dark	38.000	145	Gam TrA	2.8720	10600.	76	20987	No
58	GOM_NL__2PRFIN20060306_054134_000000262045_00392_20987_7804.N1	06-MAR-2006 05:41:34	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20987	No
59	GOM_NL__2PRFIN20060306_054252_000000302045_00392_20987_7805.N1	06-MAR-2006 05:42:52	Dark	30.000	10	Bet Cen	0.61000	28000.	60	20987	No
60	GOM_NL__2PRFIN20060306_054353_000000362045_00392_20987_7806.N1	06-MAR-2006 05:43:53	Dark	35.500	112	Alp Mus	2.6880	26000.	71	20987	No
61	GOM_NL__2PRFIN20060306_054514_000000452045_00392_20987_7807.N1	06-MAR-2006 05:45:14	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	20987	No
62	GOM_NL__2PRFIN20060306_054652_000000362045_00392_20987_7808.N1	06-MAR-2006 05:46:52	Dark	36.000	124	The Car	2.7640	30000.	72	20987	No
63	GOM_NL__2PRFIN20060306_055039_000000402045_00392_20987_7809.N1	06-MAR-2006 05:50:39	Straylight	40.000	113	Mu Vel	2.6920	5000.0	80	20987	No
64	GOM_NL__2PRFIN20060306_060300_000000492045_00392_20987_7810.N1	06-MAR-2006 06:03:00	Twilight_stray	48.500	48	30Alp Hya	1.9770	4100.0	97	20987	No
65	GOM_NL__2PRFIN20060306_063053_000000352045_00392_20987_7811.N1	06-MAR-2006 06:30:53	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20987	No
66	GOM_NL__2PRFIN20060306_063830_000000352045_00392_20987_7812.N1	06-MAR-2006 06:38:30	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	20987	No
67	GOM_NL__2PRFIN20060306_064336_000000342045_00392_20987_7813.N1	06-MAR-2006 06:43:36	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20987	No
68	GOM_NL__2PRFIN20060306_064509_000000352045_00392_20987_7814.N1	06-MAR-2006 06:45:09	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	20987	No
69	GOM_NL__2PRFIN20060306_064645_000000352045_00392_20987_7815.N1	06-MAR-2006 06:46:45	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	20987	No
70	GOM_NL__2PRFIN20060306_065434_000000402045_00392_20987_7816.N1	06-MAR-2006 06:54:34	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	20987	No
71	GOM_NL__2PRFIN20060306_070632_000000422045_00392_20987_7817.N1	06-MAR-2006 07:06:32	Dark	41.500	103	38Zet Sgr	2.6000	9700.0	83	20987	No
72	GOM_NL__2PRFIN20060306_071535_000000432045_00393_20988_7821.N1	06-MAR-2006 07:15:35	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	20988	No
73	GOM_NL__2PRFIN20060306_071828_000000422045_00393_20988_7822.N1	06-MAR-2006 07:18:28	Dark	42.000	43	Alp TrA	1.9100	4250.0	84	20988	No
74	GOM_NL__2PRFIN20060306_072041_000000382045_00393_20988_7823.N1	06-MAR-2006 07:20:41	Dark	37.500	145	Gam TrA	2.8720	10600.	75	20988	No
75	GOM_NL__2PRFIN20060306_072211_000000262045_00393_20988_7824.N1	06-MAR-2006 07:22:11	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20988	No
76	GOM_NL__2PRFIN20060306_072329_000000322045_00393_20988_7825.N1	06-MAR-2006 07:23:29	Dark	32.000	10	Bet Cen	0.61000	28000.	64	20988	No
77	GOM_NL__2PRFIN20060306_072429_000000362045_00393_20988_7826.N1	06-MAR-2006 07:24:29	Dark	36.000	112	Alp Mus	2.6880	26000.	72	20988	No
78	GOM_NL__2PRFIN20060306_072551_000000432045_00393_20988_7827.N1	06-MAR-2006 07:25:51	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	20988	No
79	GOM_NL__2PRFIN20060306_072728_000000372045_00393_20988_7828.N1	06-MAR-2006 07:27:28	Dark	36.500	124	The Car	2.7640	30000.	73	20988	No
80	GOM_NL__2PRFIN20060306_073115_000000422045_00393_20988_7829.N1	06-MAR-2006 07:31:15	Straylight	41.500	113	Mu Vel	2.6920	5000.0	83	20988	No
81	GOM_NL__2PRFIN20060306_074336_000000452045_00393_20988_7830.N1	06-MAR-2006 07:43:36	Twilight_stray	45.000	48	30Alp Hya	1.9770	4100.0	90	20988	No
82	GOM_NL__2PRFIN20060306_081129_000000362045_00393_20988_7831.N1	06-MAR-2006 08:11:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	20988	No
83	GOM_NL__2PRFIN20060306_081906_000000362045_00393_20988_7832.N1	06-MAR-2006 08:19:06	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20988	No
84	GOM_NL__2PRFIN20060306_082412_000000342045_00393_20988_7833.N1	06-MAR-2006 08:24:12	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20988	No
85	GOM_NL__2PRFIN20060306_082546_000000352045_00393_20988_7834.N1	06-MAR-2006 08:25:46	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20988	No
86	GOM_NL__2PRFIN20060306_082721_000000352045_00393_20988_7835.N1	06-MAR-2006 08:27:21	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	20988	No
87	GOM_NL__2PRFIN20060306_083445_000000402045_00393_20988_7836.N1	06-MAR-2006 08:34:45	Bright	40.000	118	50Gam Aql	2.7180	4600.0	80	20988	No
88	GOM_NL__2PRFIN20060306_084709_000000402045_00393_20988_7837.N1	06-MAR-2006 08:47:09	Dark	40.000	103	38Zet Sgr	2.6000	9700.0	80	20988	No
89	GOM_NL__2PRFIN20060306_085612_000000402045_00394_20989_7821.N1	06-MAR-2006 08:56:12	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	20989	No
90	GOM_NL__2PRFIN20060306_085904_000000442045_00394_20989_7822.N1	06-MAR-2006 08:59:04	Dark	44.000	43	Alp TrA	1.9100	4250.0	88	20989	No
91	GOM_NL__2PRFIN20060306_090117_000000362045_00394_20989_7823.N1	06-MAR-2006 09:01:17	Dark	36.000	145	Gam TrA	2.8720	10600.	72	20989	No
92	GOM_NL__2PRFIN20060306_090247_000000262045_00394_20989_7824.N1	06-MAR-2006 09:02:47	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20989	No
93	GOM_NL__2PRFIN20060306_090405_000000322045_00394_20989_7825.N1	06-MAR-2006 09:04:05	Dark	32.000	10	Bet Cen	0.61000	28000.	64	20989	No
94	GOM_NL__2PRFIN20060306_090505_000000362045_00394_20989_7826.N1	06-MAR-2006 09:05:05	Dark	35.500	112	Alp Mus	2.6880	26000.	71	20989	No
95	GOM_NL__2PRFIN20060306_090627_000000432045_00394_20989_7827.N1	06-MAR-2006 09:06:27	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	20989	No
96	GOM_NL__2PRFIN20060306_090804_000000362045_00394_20989_7828.N1	06-MAR-2006 09:08:04	Dark	35.500	124	The Car	2.7640	30000.	71	20989	No
97	GOM_NL__2PRFIN20060306_091152_000000392045_00394_20989_7829.N1	06-MAR-2006 09:11:52	Straylight	38.500	113	Mu Vel	2.6920	5000.0	77	20989	No
98	GOM_NL__2PRFIN20060306_092412_000000472045_00394_20989_7830.N1	06-MAR-2006 09:24:12	Twilight_stray	47.000	48	30Alp Hya	1.9770	4100.0	94	20989	No
99	GOM_NL__2PRFIN20060306_095205_000000352045_00394_20989_7831.N1	06-MAR-2006 09:52:05	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20989	No
100	GOM_NL__2PRFIN20060306_095942_000000352045_00394_20989_7832.N1	06-MAR-2006 09:59:42	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	20989	No
101	GOM_NL__2PRFIN20060306_100448_000000342045_00394_20989_7833.N1	06-MAR-2006 10:04:48	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20989	No

102	GOM_NL__2PRFIN20060306_100621_000000342045_00394_20989_7834.N1	06-MAR-2006 10:06:21	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20989	No
103	GOM_NL__2PRFIN20060306_100757_000000342045_00394_20989_7835.N1	06-MAR-2006 10:07:57	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	20989	No
104	GOM_NL__2PRFIN20060306_101521_000000392045_00394_20989_7836.N1	06-MAR-2006 10:15:21	Bright	39.000	118	50Gam Aql	2.7180	4600.0	78	20989	No
105	GOM_NL__2PRFIN20060306_102745_000000442045_00394_20989_7837.N1	06-MAR-2006 10:27:45	Dark	44.000	103	38Zet Sgr	2.6000	9700.0	88	20989	No
106	GOM_NL__2PRFIN20060306_103648_000000402045_00395_20990_7821.N1	06-MAR-2006 10:36:48	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	20990	No
107	GOM_NL__2PRFIN20060306_103940_000000482045_00395_20990_7822.N1	06-MAR-2006 10:39:40	Dark	47.500	43	Alp TrA	1.9100	4250.0	95	20990	No
108	GOM_NL__2PRFIN20060306_104154_000000372045_00395_20990_7823.N1	06-MAR-2006 10:41:54	Dark	37.000	145	Gam TrA	2.8720	10600.	74	20990	No
109	GOM_NL__2PRFIN20060306_104324_000000262045_00395_20990_7824.N1	06-MAR-2006 10:43:24	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20990	No
110	GOM_NL__2PRFIN20060306_104441_000000332045_00395_20990_7825.N1	06-MAR-2006 10:44:41	Dark	33.000	10	Bet Cen	0.610000	28000.	66	20990	No
111	GOM_NL__2PRFIN20060306_104541_000000362045_00395_20990_7826.N1	06-MAR-2006 10:45:41	Dark	35.500	112	Alp Mus	2.6880	26000.	71	20990	No
112	GOM_NL__2PRFIN20060306_104703_000000492045_00395_20990_7827.N1	06-MAR-2006 10:47:03	Dark	48.500	12	Alp1Cru	0.775000	30000.	97	20990	No
113	GOM_NL__2PRFIN20060306_104840_000000352045_00395_20990_7828.N1	06-MAR-2006 10:48:40	Dark	35.000	124	The Car	2.7640	30000.	70	20990	No
114	GOM_NL__2PRFIN20060306_105228_000000412045_00395_20990_7829.N1	06-MAR-2006 10:52:28	Straylight	40.500	113	Mu Vel	2.6920	5000.0	81	20990	No
115	GOM_NL__2PRFIN20060306_110448_000000442045_00395_20990_7830.N1	06-MAR-2006 11:04:48	Tw_i_and_stray	44.000	48	30Alp Hya	1.9770	4100.0	88	20990	No
116	GOM_NL__2PRFIN20060306_113240_000000352045_00395_20990_7831.N1	06-MAR-2006 11:32:40	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20990	No
117	GOM_NL__2PRFIN20060306_114018_000000322045_00395_20990_7832.N1	06-MAR-2006 11:40:18	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	20990	No
118	GOM_NL__2PRFIN20060306_114524_000000352045_00395_20990_7833.N1	06-MAR-2006 11:45:24	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	20990	No
119	GOM_NL__2PRFIN20060306_114657_000000342045_00395_20990_7834.N1	06-MAR-2006 11:46:57	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20990	No
120	GOM_NL__2PRFIN20060306_114833_000000342045_00395_20990_7835.N1	06-MAR-2006 11:48:33	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	20990	No
121	GOM_NL__2PRFIN20060306_115623_000000412045_00395_20990_7836.N1	06-MAR-2006 11:56:23	Bright	40.500	11	53Alp Aql	0.765000	8000.0	81	20990	No
122	GOM_NL__2PRFIN20060306_120822_000000412045_00395_20990_7837.N1	06-MAR-2006 12:08:22	Dark	40.500	103	38Zet Sgr	2.6000	9700.0	81	20990	No
123	GOM_NL__2PRFIN20060306_121725_000000412045_00396_20991_7821.N1	06-MAR-2006 12:17:25	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	20991	No
124	GOM_NL__2PRFIN20060306_122016_000000402045_00396_20991_7822.N1	06-MAR-2006 12:20:16	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	20991	No
125	GOM_NL__2PRFIN20060306_122230_000000372045_00396_20991_7823.N1	06-MAR-2006 12:22:30	Dark	36.500	145	Gam TrA	2.8720	10600.	73	20991	No
126	GOM_NL__2PRFIN20060306_122400_000000262045_00396_20991_7824.N1	06-MAR-2006 12:24:00	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20991	No
127	GOM_NL__2PRFIN20060306_122518_000000332045_00396_20991_7825.N1	06-MAR-2006 12:25:18	Dark	33.000	10	Bet Cen	0.610000	28000.	66	20991	No
128	GOM_NL__2PRFIN20060306_122617_000000362045_00396_20991_7826.N1	06-MAR-2006 12:26:17	Dark	35.500	112	Alp Mus	2.6880	26000.	71	20991	No
129	GOM_NL__2PRFIN20060306_122739_000000452045_00396_20991_7827.N1	06-MAR-2006 12:27:39	Dark	44.500	12	Alp1Cru	0.775000	30000.	89	20991	No
130	GOM_NL__2PRFIN20060306_122916_000000382045_00396_20991_7828.N1	06-MAR-2006 12:29:16	Dark	37.500	124	The Car	2.7640	30000.	75	20991	No
131	GOM_NL__2PRFIN20060306_123304_000000402045_00396_20991_7829.N1	06-MAR-2006 12:33:04	Straylight	40.000	113	Mu Vel	2.6920	5000.0	80	20991	No
132	GOM_NL__2PRFIN20060306_124524_000000462045_00396_20991_7830.N1	06-MAR-2006 12:45:24	Tw_i_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	20991	No
133	GOM_NL__2PRFIN20060306_131316_000000352045_00396_20991_7831.N1	06-MAR-2006 13:13:16	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20991	No
134	GOM_NL__2PRFIN20060306_132054_000000362045_00396_20991_7832.N1	06-MAR-2006 13:20:54	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20991	No
135	GOM_NL__2PRFIN20060306_132600_000000362045_00396_20991_7833.N1	06-MAR-2006 13:26:00	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	20991	No
136	GOM_NL__2PRFIN20060306_132734_000000352045_00396_20991_7834.N1	06-MAR-2006 13:27:34	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	20991	No
137	GOM_NL__2PRFIN20060306_132909_000000332045_00396_20991_7835.N1	06-MAR-2006 13:29:09	Bright	33.000	92	53Eps Cyg	2.5000	4500.0	66	20991	No
138	GOM_NL__2PRFIN20060306_133659_000000402045_00396_20991_7836.N1	06-MAR-2006 13:36:59	Bright	40.000	11	53Alp Aql	0.765000	8000.0	80	20991	No
139	GOM_NL__2PRFIN20060306_134858_000000432045_00396_20991_7837.N1	06-MAR-2006 13:48:58	Dark	42.500	103	38Zet Sgr	2.6000	9700.0	85	20991	No
140	GOM_NL__2PRFIN20060306_135801_000000412045_00397_20992_7821.N1	06-MAR-2006 13:58:01	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	20992	No
141	GOM_NL__2PRFIN20060306_140053_000000402045_00397_20992_7822.N1	06-MAR-2006 14:00:53	Dark	39.500	43	Alp TrA	1.9100	4250.0	79	20992	No
142	GOM_NL__2PRFIN20060306_140306_000000362045_00397_20992_7823.N1	06-MAR-2006 14:03:06	Dark	36.000	145	Gam TrA	2.8720	10600.	72	20992	No
143	GOM_NL__2PRFIN20060306_140437_000000272045_00397_20992_7824.N1	06-MAR-2006 14:04:37	Dark	27.000	4	Alp1Cen	-0.010000	5800.0	54	20992	No
144	GOM_NL__2PRFIN20060306_140554_000000342045_00397_20992_7825.N1	06-MAR-2006 14:05:54	Dark	34.000	10	Bet Cen	0.610000	28000.	68	20992	No
145	GOM_NL__2PRFIN20060306_140654_000000362045_00397_20992_7826.N1	06-MAR-2006 14:06:54	Dark	36.000	112	Alp Mus	2.6880	26000.	72	20992	No
146	GOM_NL__2PRFIN20060306_140816_000000462045_00397_20992_7827.N1	06-MAR-2006 14:08:16	Dark	45.500	12	Alp1Cru	0.775000	30000.	91	20992	No
147	GOM_NL__2PRFIN20060306_140952_000000362045_00397_20992_7828.N1	06-MAR-2006 14:09:52	Dark	35.500	124	The Car	2.7640	30000.	71	20992	No
148	GOM_NL__2PRFIN20060306_141340_000000392045_00397_20992_7829.N1	06-MAR-2006 14:13:40	Straylight	38.500	113	Mu Vel	2.6920	5000.0	77	20992	No
149	GOM_NL__2PRFIN20060306_142600_000000432045_00397_20992_7830.N1	06-MAR-2006 14:26:00	Tw_i_and_stray	43.000	48	30Alp Hya	1.9770	4100.0	86	20992	No
150	GOM_NL__2PRFIN20060306_143513_000000372045_00397_20992_7831.N1	06-MAR-2006 14:35:13	Bright	37.000	166	17Eps Leo	2.9800	6000.0	74	20992	No
151	GOM_NL__2PRFIN20060306_145352_000000332045_00397_20992_7832.N1	06-MAR-2006 14:53:52	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	20992	No
152	GOM_NL__2PRFIN20060306_150130_000000372045_00397_20992_7833.N1	06-MAR-2006 15:01:30	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	20992	No
153	GOM_NL__2PRFIN20060306_150636_000000332045_00397_20992_7834.N1	06-MAR-2006 15:06:36	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	20992	No
154	GOM_NL__2PRFIN20060306_150810_000000342045_00397_20992_7835.N1	06-MAR-2006 15:08:10	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20992	No
155	GOM_NL__2PRFIN20060306_150945_000000352045_00397_20992_7836.N1	06-MAR-2006 15:09:45	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	20992	No
156	GOM_NL__2PRFIN20060306_151735_000000402045_00397_20992_7837.N1	06-MAR-2006 15:17:35	Bright	39.500	11	53Alp Aql	0.765000	8000.0	79	20992	No
157	GOM_NL__2PRFIN20060306_152935_000000432045_00397_20992_7838.N1	06-MAR-2006 15:29:35	Dark	42.500	103	38Zet Sgr	2.6000	9700.0	85	20992	No
158	GOM_NL__2PRFIN20060306_153838_000000402045_00398_20993_7821.N1	06-MAR-2006 15:38:38	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	20993	No
159	GOM_NL__2PRFIN20060306_154129_000000412045_00398_20993_7822.N1	06-MAR-2006 15:41:29	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	20993	No
160	GOM_NL__2PRFIN20060306_154343_000000372045_00398_20993_7823.N1	06-MAR-2006 15:43:43	Dark	36.500	145	Gam TrA	2.8720	10600.	73	20993	No



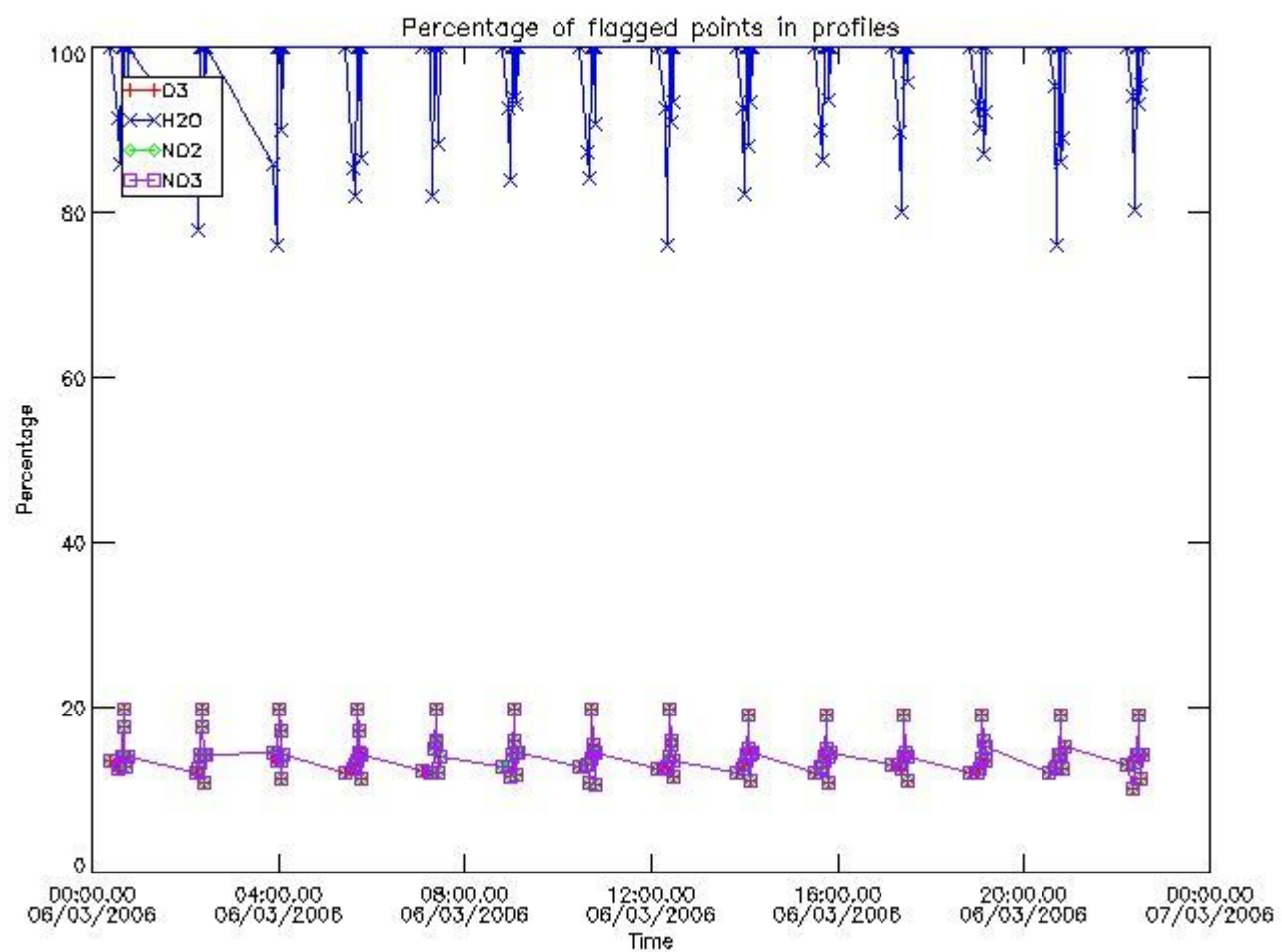
161	GOM_NL__2PRFIN20060306_154513_000000272045_00398_20993_7824.N1	06-MAR-2006 15:45:13	Dark	27.000	4	Alp1Cen	-0.010000	5800.0	54	20993	No
162	GOM_NL__2PRFIN20060306_154631_000000342045_00398_20993_7825.N1	06-MAR-2006 15:46:31	Dark	34.000	10	Bet Cen	0.610000	28000.	68	20993	No
163	GOM_NL__2PRFIN20060306_154730_000000372045_00398_20993_7826.N1	06-MAR-2006 15:47:30	Dark	36.500	112	Alp Mus	2.6880	26000.	73	20993	No
164	GOM_NL__2PRFIN20060306_154852_000000472045_00398_20993_7827.N1	06-MAR-2006 15:48:52	Dark	46.500	12	Alp1Cru	0.775000	30000.	93	20993	No
165	GOM_NL__2PRFIN20060306_155028_000000362045_00398_20993_7828.N1	06-MAR-2006 15:50:28	Dark	35.500	124	The Car	2.7640	30000.	71	20993	No
166	GOM_NL__2PRFIN20060306_155416_000000432045_00398_20993_7829.N1	06-MAR-2006 15:54:16	Straylight	43.000	113	Mu Vel	2.6920	5000.0	86	20993	No
167	GOM_NL__2PRFIN20060306_160636_000000432045_00398_20993_7830.N1	06-MAR-2006 16:06:36	Twilight_stray	43.000	48	30Alp Hya	1.9770	4100.0	86	20993	No
168	GOM_NL__2PRFIN20060306_161549_000000372045_00398_20993_7831.N1	06-MAR-2006 16:15:49	Bright	37.000	166	17Eps Leo	2.9800	6000.0	74	20993	No
169	GOM_NL__2PRFIN20060306_163428_000000352045_00398_20993_7832.N1	06-MAR-2006 16:34:28	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20993	No
170	GOM_NL__2PRFIN20060306_164206_000000362045_00398_20993_7833.N1	06-MAR-2006 16:42:06	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20993	No
171	GOM_NL__2PRFIN20060306_164712_000000372045_00398_20993_7834.N1	06-MAR-2006 16:47:12	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	20993	No
172	GOM_NL__2PRFIN20060306_164846_000000332045_00398_20993_7835.N1	06-MAR-2006 16:48:46	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	20993	No
173	GOM_NL__2PRFIN20060306_165021_000000332045_00398_20993_7836.N1	06-MAR-2006 16:50:21	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	20993	No
174	GOM_NL__2PRFIN20060306_165812_000000412045_00398_20993_7837.N1	06-MAR-2006 16:58:12	Bright	41.000	11	53Alp Aql	0.765000	8000.0	82	20993	No
175	GOM_NL__2PRFIN20060306_171011_000000402045_00398_20993_7838.N1	06-MAR-2006 17:10:11	Dark	39.500	103	38Zet Sgr	2.6000	9700.0	79	20993	No
176	GOM_NL__2PRFIN20060306_171915_000000402045_00399_20994_7821.N1	06-MAR-2006 17:19:15	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	20994	No
177	GOM_NL__2PRFIN20060306_172205_000000412045_00399_20994_7822.N1	06-MAR-2006 17:22:05	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	20994	No
178	GOM_NL__2PRFIN20060306_172419_000000372045_00399_20994_7823.N1	06-MAR-2006 17:24:19	Dark	36.500	145	Gam TrA	2.8720	10600.	73	20994	No
179	GOM_NL__2PRFIN20060306_172550_000000272045_00399_20994_7824.N1	06-MAR-2006 17:25:50	Dark	27.000	4	Alp1Cen	-0.010000	5800.0	54	20994	No
180	GOM_NL__2PRFIN20060306_172707_000000352045_00399_20994_7825.N1	06-MAR-2006 17:27:07	Dark	35.000	10	Bet Cen	0.610000	28000.	70	20994	No
181	GOM_NL__2PRFIN20060306_172928_000000462045_00399_20994_7826.N1	06-MAR-2006 17:29:28	Dark	46.000	12	Alp1Cru	0.775000	30000.	92	20994	No
182	GOM_NL__2PRFIN20060306_173105_000000372045_00399_20994_7827.N1	06-MAR-2006 17:31:05	Dark	36.500	124	The Car	2.7640	30000.	73	20994	No
183	GOM_NL__2PRFIN20060306_173453_000000402045_00399_20994_7828.N1	06-MAR-2006 17:34:53	Straylight	40.000	113	Mu Vel	2.6920	5000.0	80	20994	No
184	GOM_NL__2PRFIN20060306_174713_000000462045_00399_20994_7829.N1	06-MAR-2006 17:47:13	Twilight_stray	45.500	48	30Alp Hya	1.9770	4100.0	91	20994	No
185	GOM_NL__2PRFIN20060306_175624_000000382045_00399_20994_7830.N1	06-MAR-2006 17:56:24	Bright	38.000	166	17Eps Leo	2.9800	6000.0	76	20994	No
186	GOM_NL__2PRFIN20060306_181504_000000362045_00399_20994_7831.N1	06-MAR-2006 18:15:04	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	20994	No
187	GOM_NL__2PRFIN20060306_182242_000000362045_00399_20994_7832.N1	06-MAR-2006 18:22:42	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20994	No
188	GOM_NL__2PRFIN20060306_182748_000000372045_00399_20994_7833.N1	06-MAR-2006 18:27:48	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	20994	No
189	GOM_NL__2PRFIN20060306_182922_000000352045_00399_20994_7834.N1	06-MAR-2006 18:29:22	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	20994	No
190	GOM_NL__2PRFIN20060306_183058_000000342045_00399_20994_7835.N1	06-MAR-2006 18:30:58	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	20994	No
191	GOM_NL__2PRFIN20060306_183848_000000412045_00399_20994_7836.N1	06-MAR-2006 18:38:48	Bright	40.500	11	53Alp Aql	0.765000	8000.0	81	20994	No
192	GOM_NL__2PRFIN20060306_185048_000000422045_00399_20994_7837.N1	06-MAR-2006 18:50:48	Dark	42.000	103	38Zet Sgr	2.6000	9700.0	84	20994	No
193	GOM_NL__2PRFIN20060306_185951_000000422045_00400_20995_7821.N1	06-MAR-2006 18:59:51	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	20995	No
194	GOM_NL__2PRFIN20060306_190242_000000412045_00400_20995_7822.N1	06-MAR-2006 19:02:42	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	20995	No
195	GOM_NL__2PRFIN20060306_190455_000000372045_00400_20995_7823.N1	06-MAR-2006 19:04:55	Dark	37.000	145	Gam TrA	2.8720	10600.	74	20995	No
196	GOM_NL__2PRFIN20060306_190626_000000272045_00400_20995_7824.N1	06-MAR-2006 19:06:26	Dark	27.000	4	Alp1Cen	-0.010000	5800.0	54	20995	No
197	GOM_NL__2PRFIN20060306_190744_000000352045_00400_20995_7825.N1	06-MAR-2006 19:07:44	Dark	35.000	10	Bet Cen	0.610000	28000.	70	20995	No
198	GOM_NL__2PRFIN20060306_191005_000000382045_00400_20995_7826.N1	06-MAR-2006 19:10:05	Dark	38.000	12	Alp1Cru	0.775000	30000.	76	20995	No
199	GOM_NL__2PRFIN20060306_191141_000000372045_00400_20995_7827.N1	06-MAR-2006 19:11:41	Dark	36.500	124	The Car	2.7640	30000.	73	20995	No
200	GOM_NL__2PRFIN20060306_191529_000000382045_00400_20995_7828.N1	06-MAR-2006 19:15:29	Straylight	37.500	113	Mu Vel	2.6920	5000.0	75	20995	No
201	GOM_NL__2PRFIN20060306_192749_000000462045_00400_20995_7829.N1	06-MAR-2006 19:27:49	Twilight_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	20995	No
202	GOM_NL__2PRFIN20060306_193700_000000382045_00400_20995_7830.N1	06-MAR-2006 19:37:00	Bright	38.000	166	17Eps Leo	2.9800	6000.0	76	20995	No
203	GOM_NL__2PRFIN20060306_195540_000000352045_00400_20995_7831.N1	06-MAR-2006 19:55:40	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20995	No
204	GOM_NL__2PRFIN20060306_200318_000000362045_00400_20995_7832.N1	06-MAR-2006 20:03:18	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20995	No
205	GOM_NL__2PRFIN20060306_200824_000000372045_00400_20995_7833.N1	06-MAR-2006 20:08:24	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	20995	No
206	GOM_NL__2PRFIN20060306_200958_000000342045_00400_20995_7834.N1	06-MAR-2006 20:09:58	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	20995	No
207	GOM_NL__2PRFIN20060306_201134_000000342045_00400_20995_7835.N1	06-MAR-2006 20:11:34	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	20995	No
208	GOM_NL__2PRFIN20060306_201924_000000422045_00400_20995_7836.N1	06-MAR-2006 20:19:24	Bright	41.500	11	53Alp Aql	0.765000	8000.0	83	20995	No
209	GOM_NL__2PRFIN20060306_203124_000000422045_00400_20995_7837.N1	06-MAR-2006 20:31:24	Dark	42.000	103	38Zet Sgr	2.6000	9700.0	84	20995	No
210	GOM_NL__2PRFIN20060306_204028_000000412045_00401_20996_7821.N1	06-MAR-2006 20:40:28	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	20996	No
211	GOM_NL__2PRFIN20060306_204318_000000402045_00401_20996_7822.N1	06-MAR-2006 20:43:18	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	20996	No
212	GOM_NL__2PRFIN20060306_204532_000000362045_00401_20996_7823.N1	06-MAR-2006 20:45:32	Dark	36.000	145	Gam TrA	2.8720	10600.	72	20996	No
213	GOM_NL__2PRFIN20060306_204703_000000272045_00401_20996_7824.N1	06-MAR-2006 20:47:03	Dark	27.000	4	Alp1Cen	-0.010000	5800.0	54	20996	No
214	GOM_NL__2PRFIN20060306_204820_000000362045_00401_20996_7825.N1	06-MAR-2006 20:48:20	Dark	36.000	10	Bet Cen	0.610000	28000.	72	20996	No
215	GOM_NL__2PRFIN20060306_205041_000000412045_00401_20996_7826.N1	06-MAR-2006 20:50:41	Dark	41.000	12	Alp1Cru	0.775000	30000.	82	20996	No
216	GOM_NL__2PRFIN20060306_205217_000000372045_00401_20996_7827.N1	06-MAR-2006 20:52:17	Dark	36.500	124	The Car	2.7640	30000.	73	20996	No
217	GOM_NL__2PRFIN20060306_221201_000000402045_00401_20996_7828.N1	06-MAR-2006 22:12:01	Dark	39.500	103	38Zet Sgr	2.6000	9700.0	79	20996	No
218	GOM_NL__2PRFIN20060306_222104_000000502045_00402_20997_7821.N1	06-MAR-2006 22:21:04	Dark	50.000	141	Bet Ara	2.8400	4600.0	100	20997	No
219	GOM_NL__2PRFIN20060306_222354_000000392045_00402_20997_7822.N1	06-MAR-2006 22:23:54	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	20997	No

220	GOM_NL__2PRFIN20060306_222608_000000362045_00402_20997_7823.N1	06-MAR-2006 22:26:08	Dark	36.000	145	Gam TrA	2.8720	10600.	72	20997	No
221	GOM_NL__2PRFIN20060306_222739_000000272045_00402_20997_7824.N1	06-MAR-2006 22:27:39	Dark	27.000	4	Alp1Cen	-0.010000	5800.0	54	20997	No
222	GOM_NL__2PRFIN20060306_222857_000000362045_00402_20997_7825.N1	06-MAR-2006 22:28:57	Dark	36.000	10	Bet Cen	0.610000	28000.	72	20997	No
223	GOM_NL__2PRFIN20060306_223117_000000452045_00402_20997_7826.N1	06-MAR-2006 22:31:17	Dark	45.000	12	Alp1Cru	0.775000	30000.	90	20997	No
224	GOM_NL__2PRFIN20060306_223253_000000362045_00402_20997_7827.N1	06-MAR-2006 22:32:53	Dark	36.000	124	The Car	2.7640	30000.	72	20997	No
225	GOM_NL__2PRFIN20060306_223641_000000422045_00402_20997_7828.N1	06-MAR-2006 22:36:41	Straylight	42.000	113	Mu Vel	2.6920	5000.0	84	20997	No
226	GOM_NL__2PRFIN20060306_224901_000000462045_00402_20997_7829.N1	06-MAR-2006 22:49:01	Twilight_and_stray	45.500	48	30Alp Hya	1.9770	4100.0	91	20997	No
227	GOM_NL__2PRFIN20060306_225812_000000372045_00402_20997_7830.N1	06-MAR-2006 22:58:12	Bright	37.000	166	17Eps Leo	2.9800	6000.0	74	20997	No
228	GOM_NL__2PRFIN20060306_231652_000000362045_00402_20997_7831.N1	06-MAR-2006 23:16:52	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	20997	No
229	GOM_NL__2PRFIN20060306_232430_000000332045_00402_20997_7832.N1	06-MAR-2006 23:24:30	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	20997	No
230	GOM_NL__2PRFIN20060306_232936_000000342045_00402_20997_7833.N1	06-MAR-2006 23:29:36	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20997	No
231	GOM_NL__2PRFIN20060306_233110_000000372045_00402_20997_7834.N1	06-MAR-2006 23:31:10	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	20997	No
232	GOM_NL__2PRFIN20060306_233246_000000342045_00402_20997_7835.N1	06-MAR-2006 23:32:46	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	20997	No
233	GOM_NL__2PRFIN20060306_234036_000000402045_00402_20997_7836.N1	06-MAR-2006 23:40:36	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	20997	No

### 3. Quality information per product

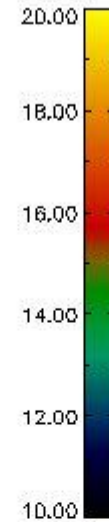
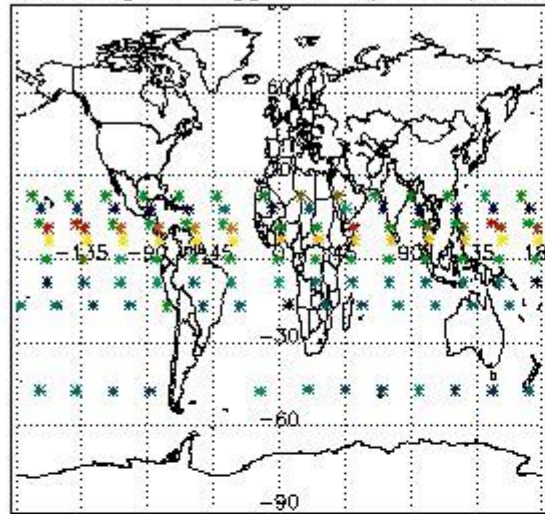
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

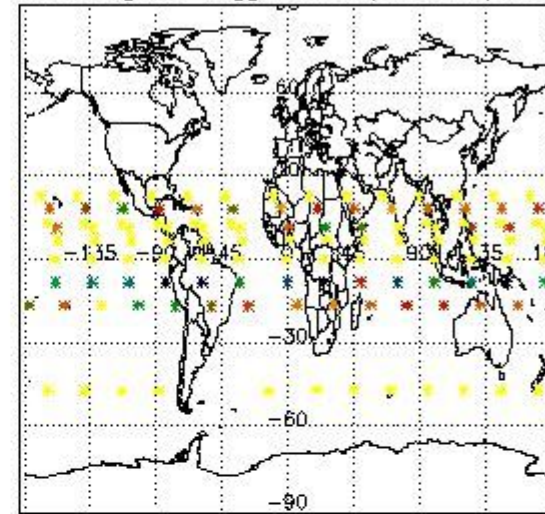


#### 3.2 Plot quality information per product (world map)

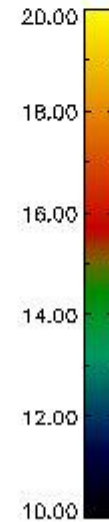
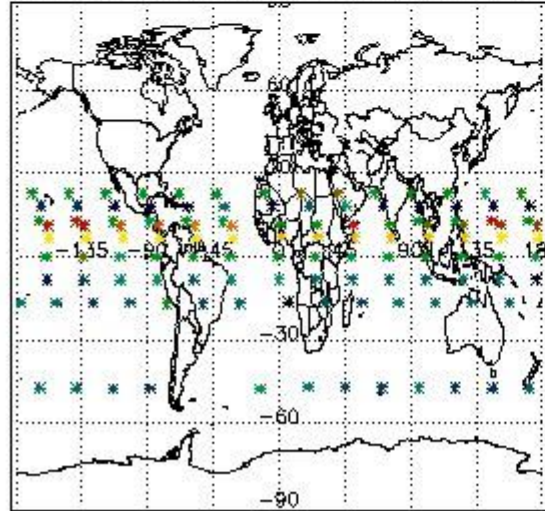
Percentage of flagged data per O3 profile



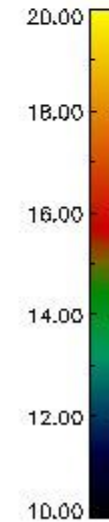
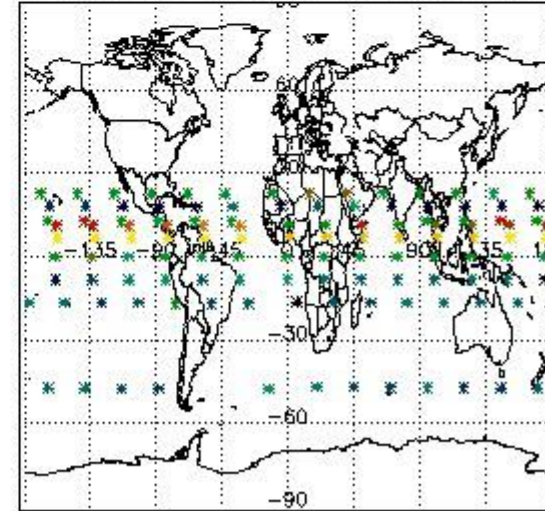
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



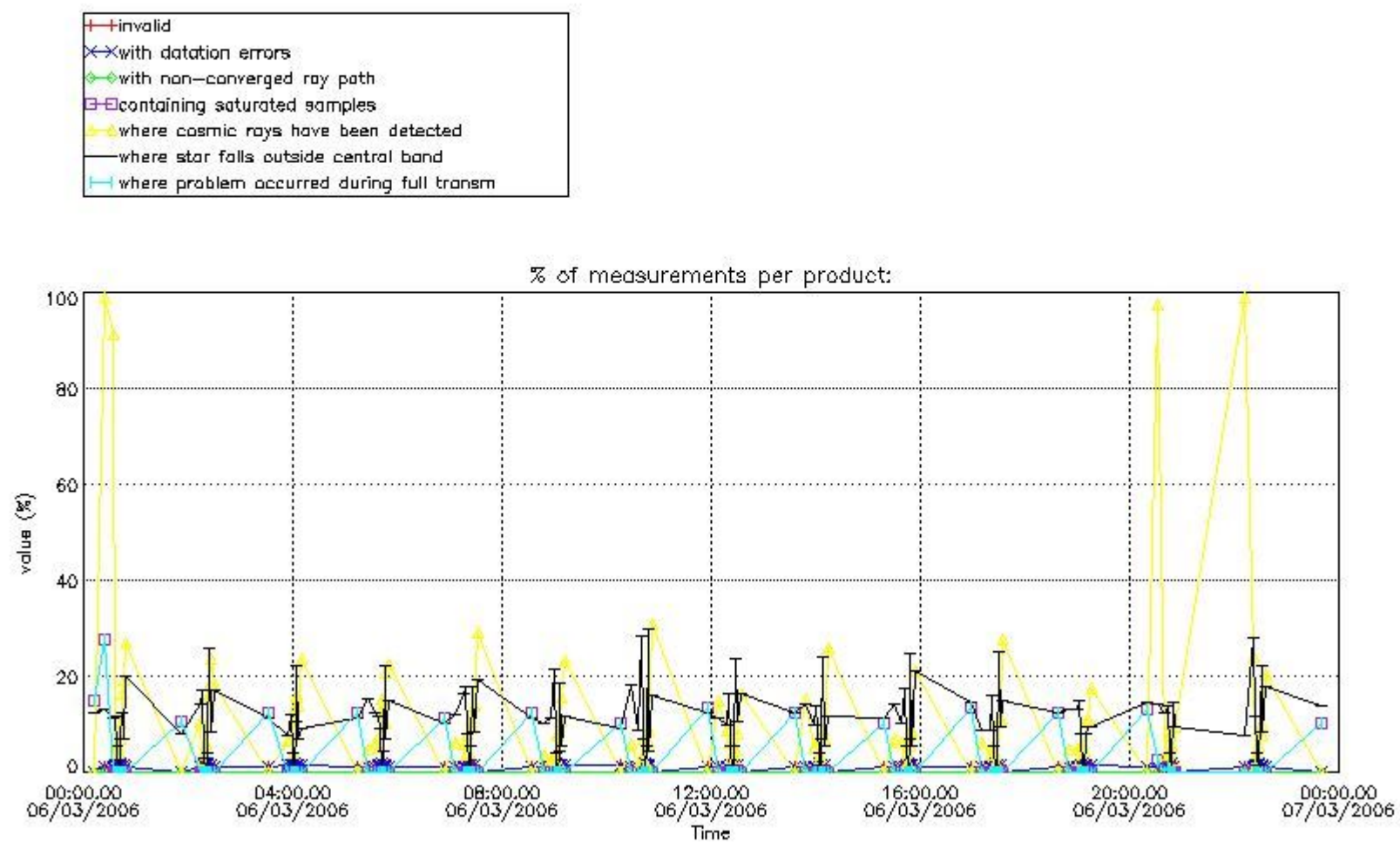
#### 4. Level 1 quality information per product

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

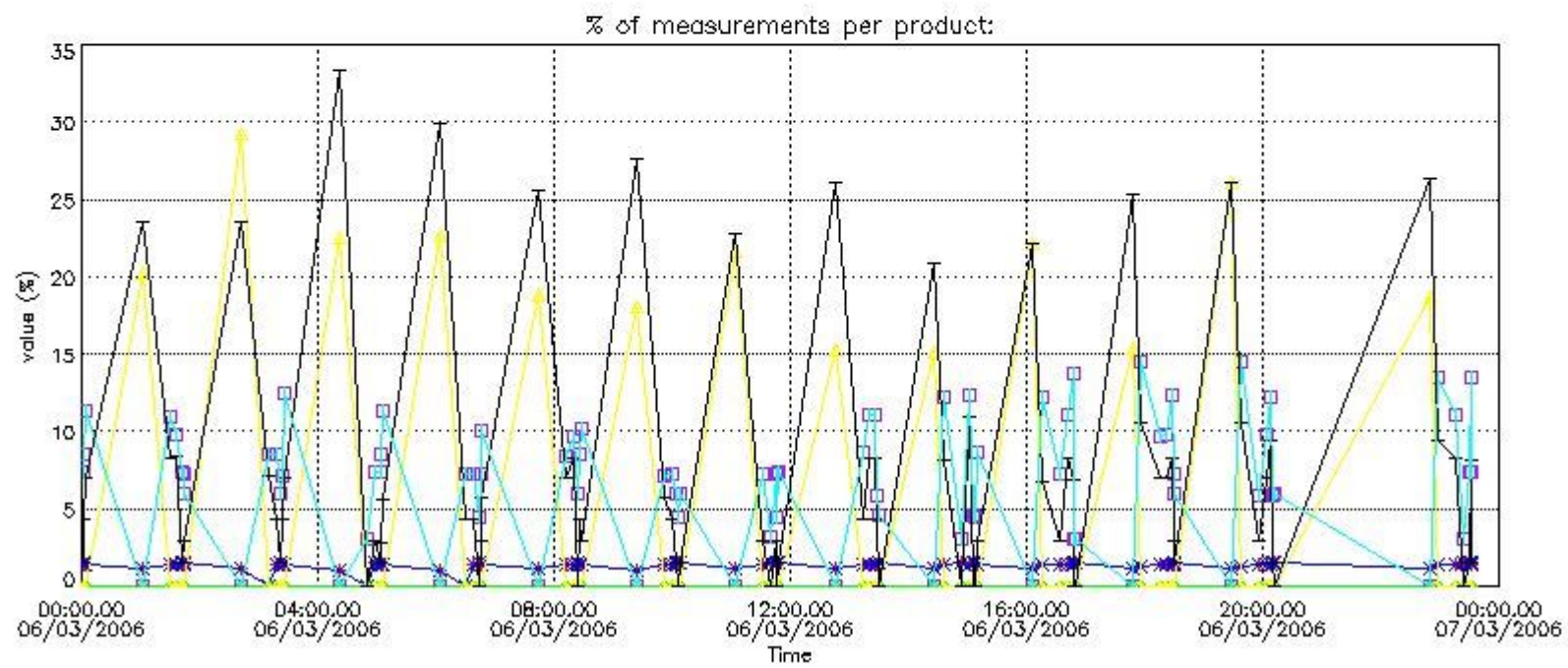
##### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





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

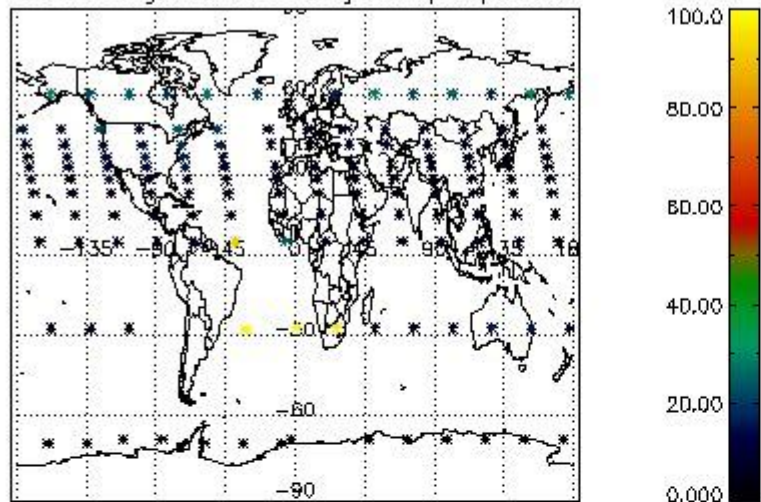




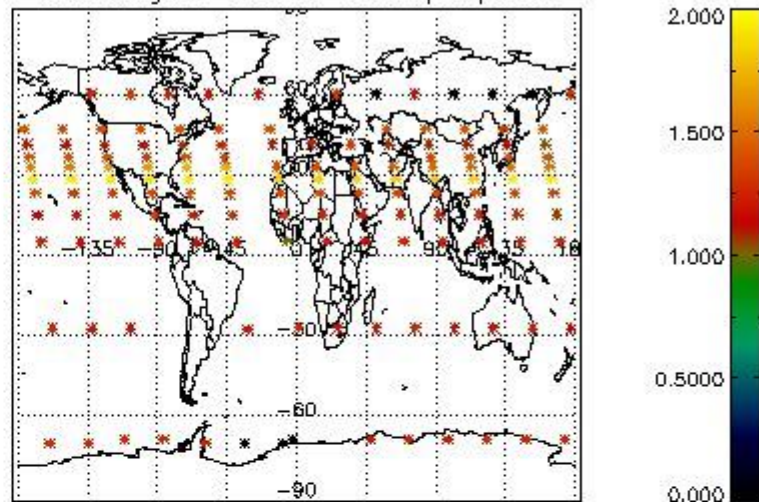
4.2 Plot quality information per product coming from level 1b processing (world map)

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

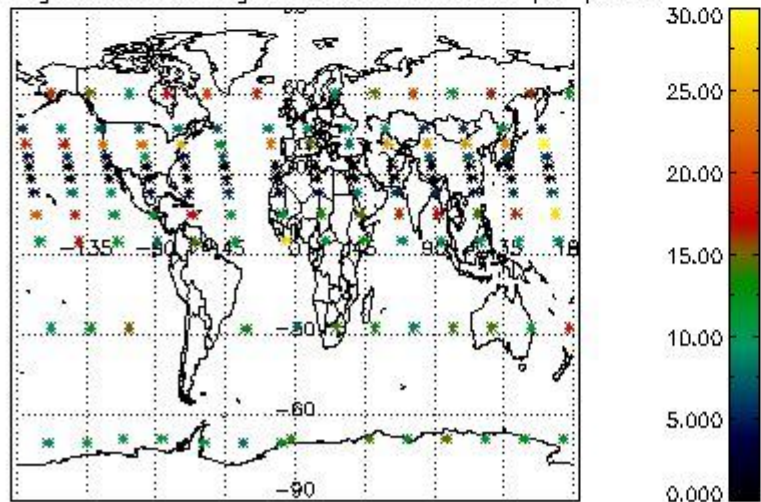
Percentage of cosmic ray hits per profile



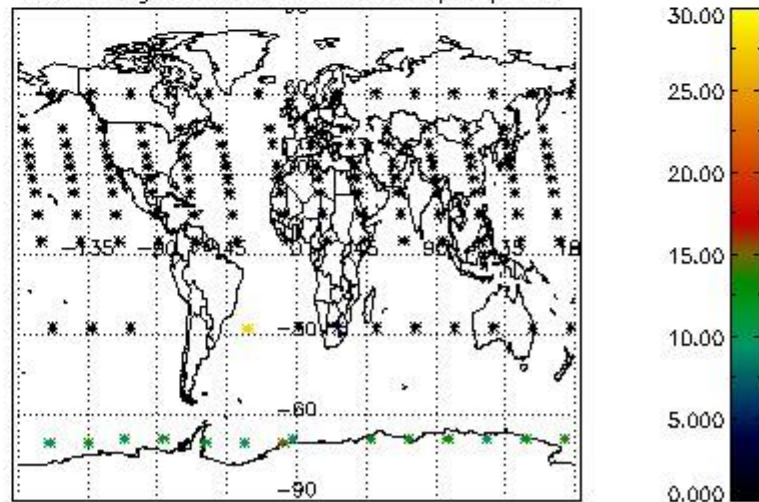
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

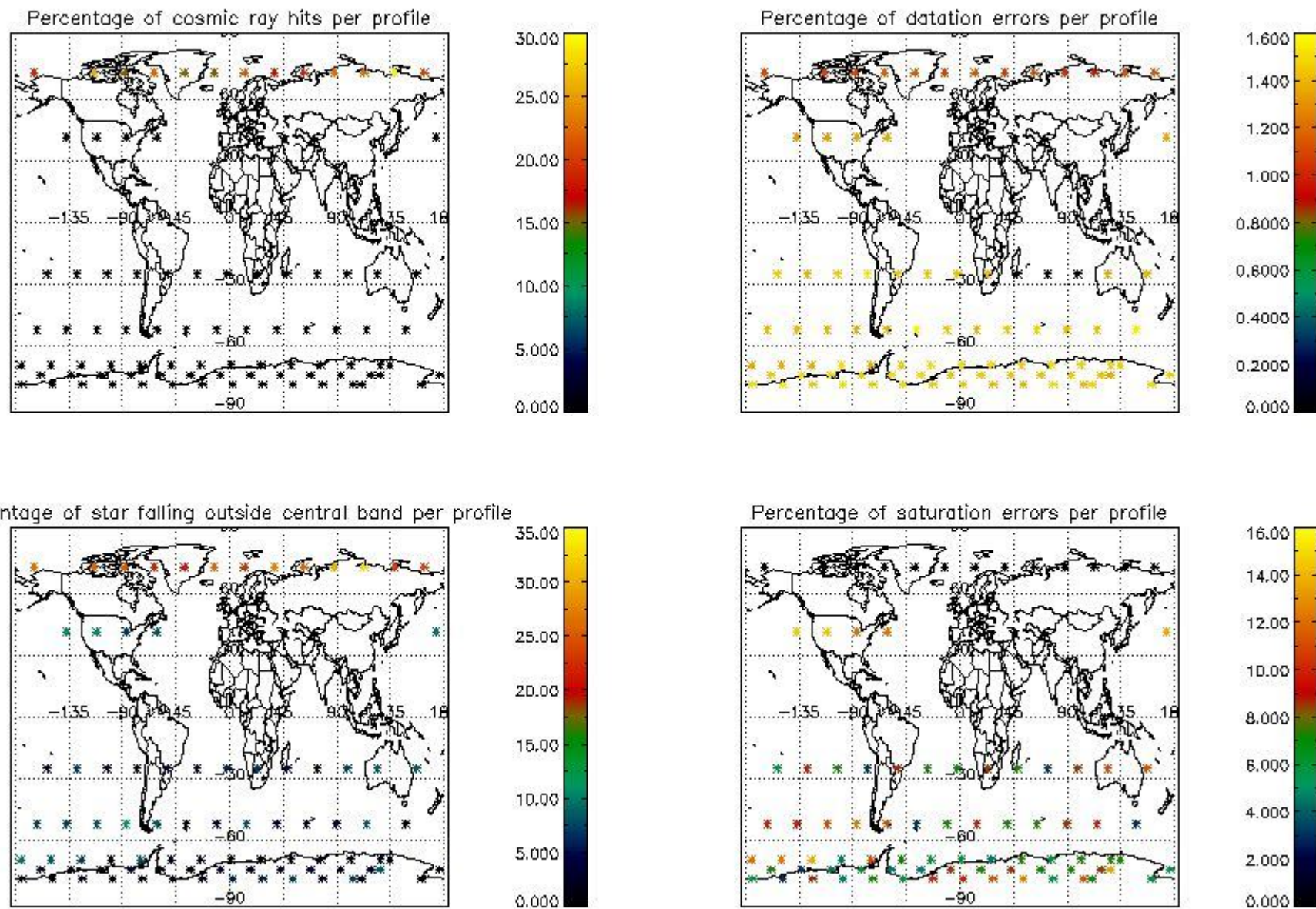


Percentage of saturation errors per profile



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.

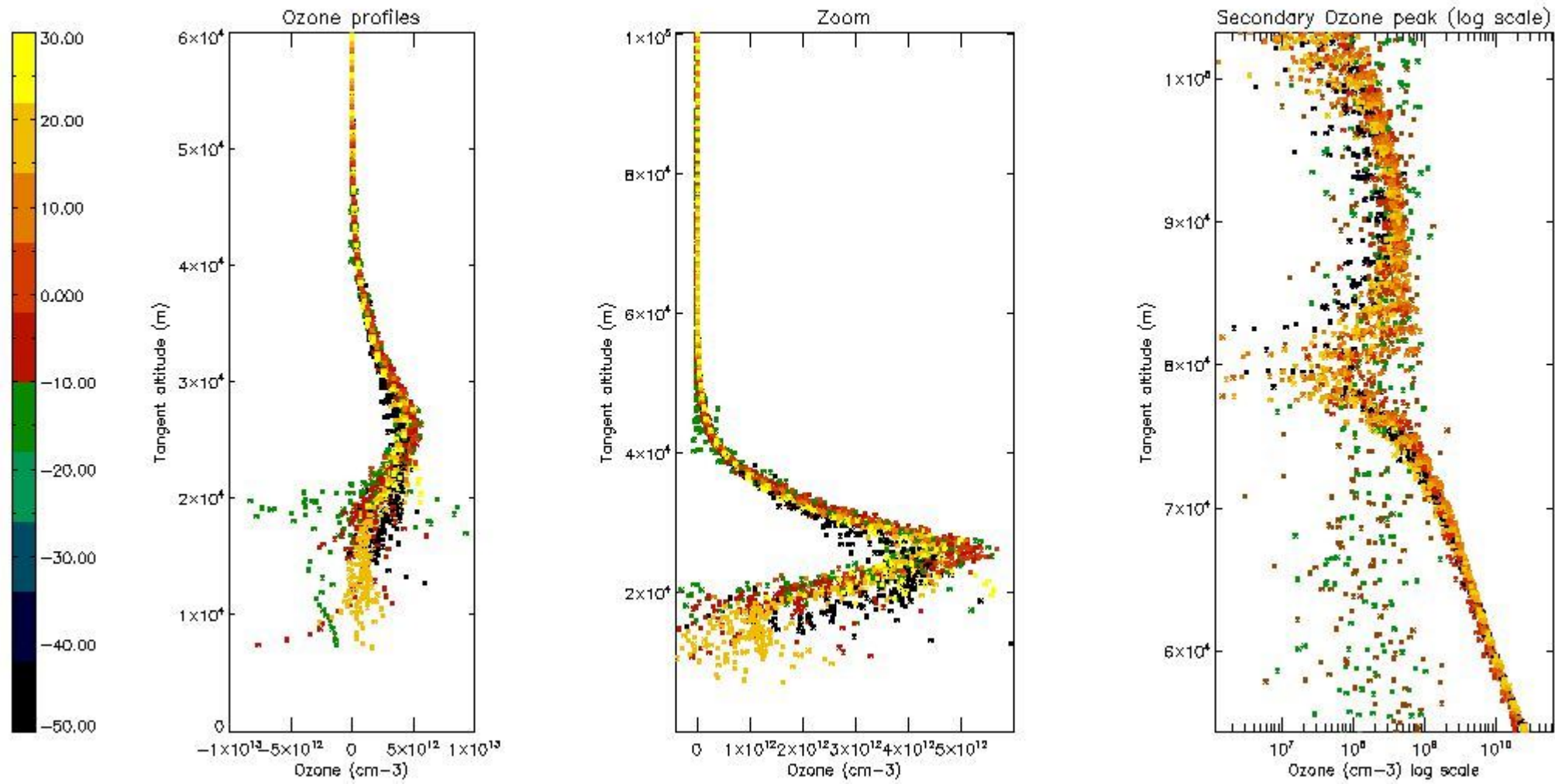
Criteria	% of total production
All STD	52
STD < 20	30



STD < 10	24
STD < 5	15

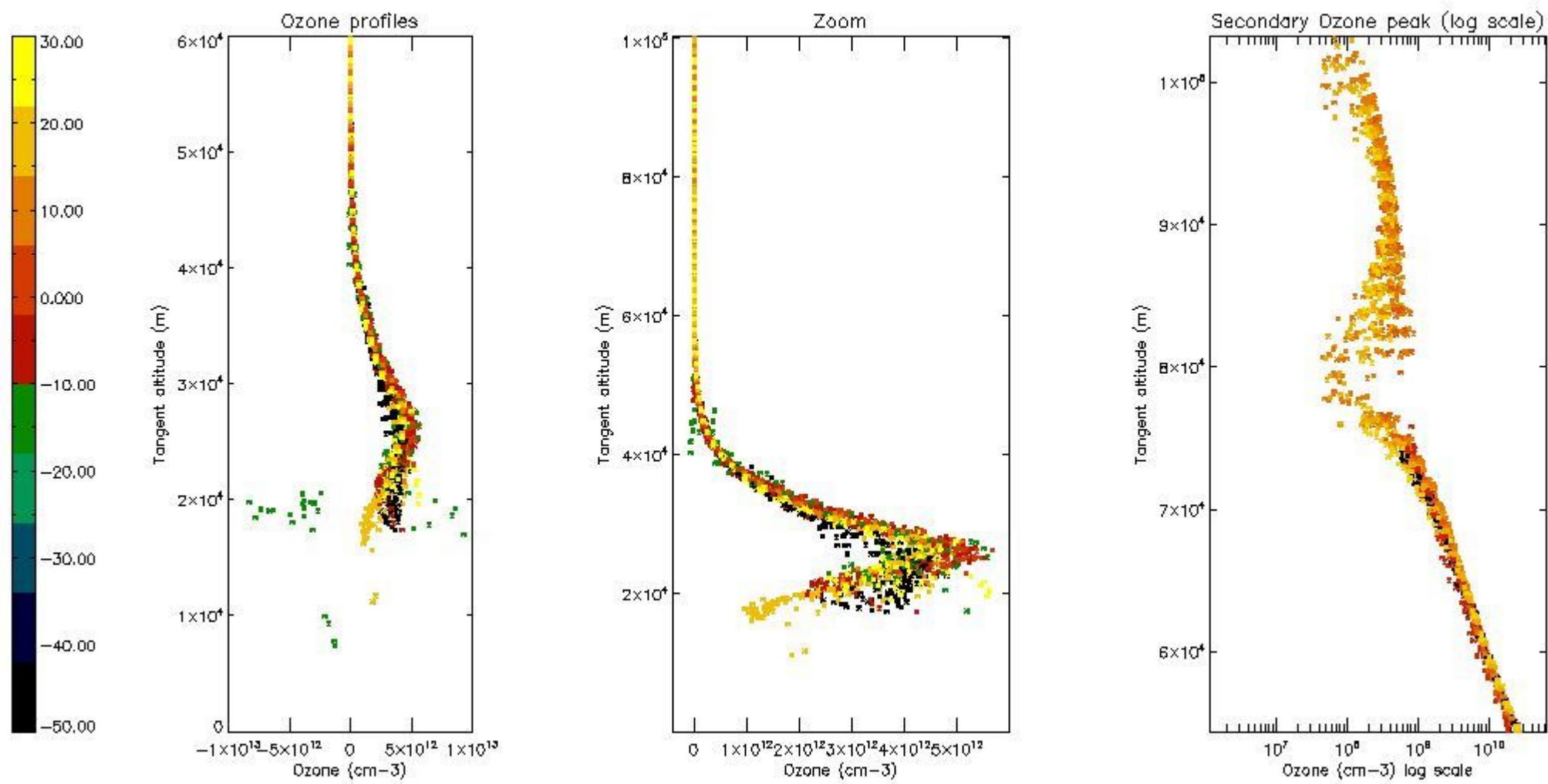
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



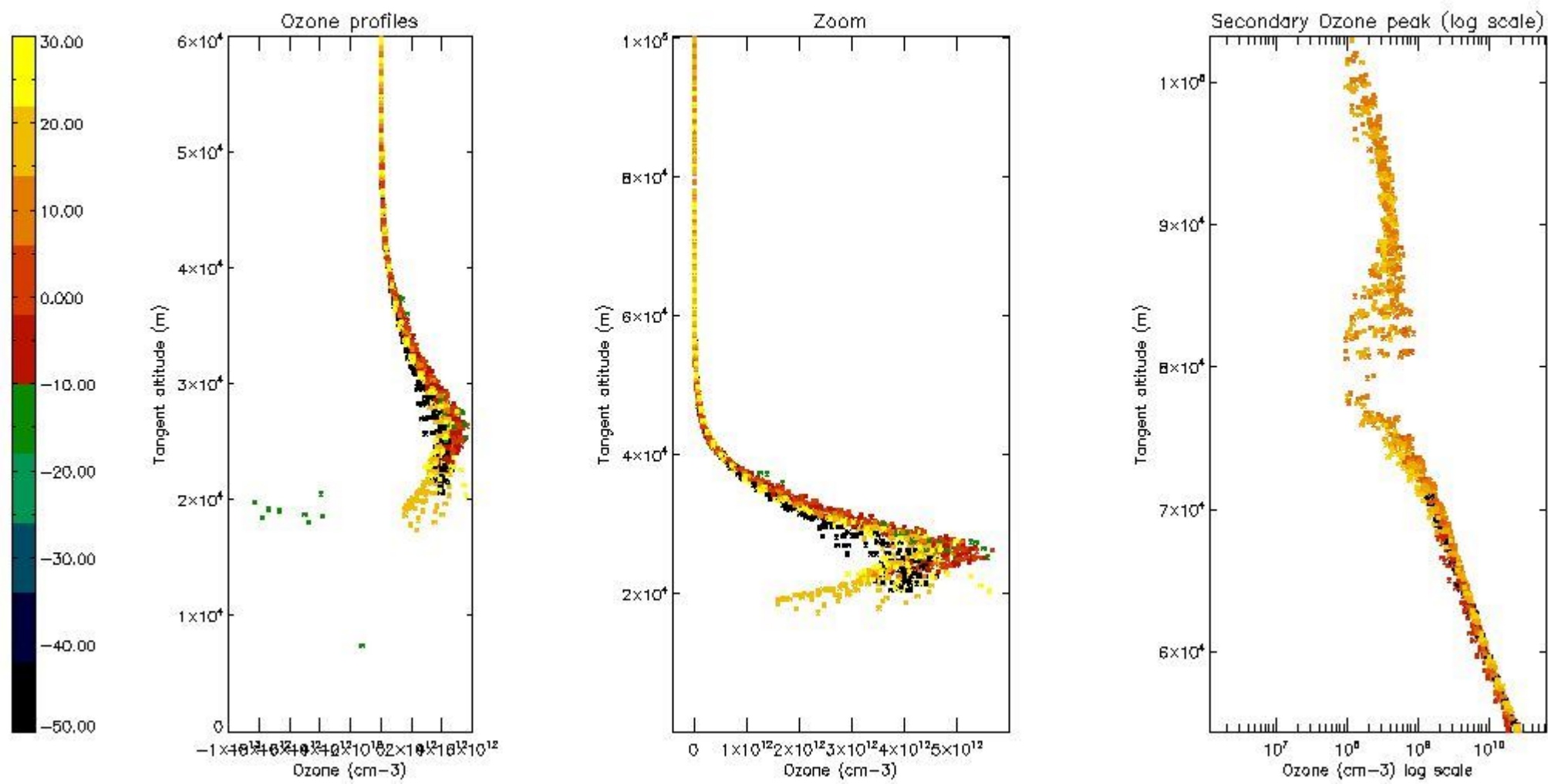
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

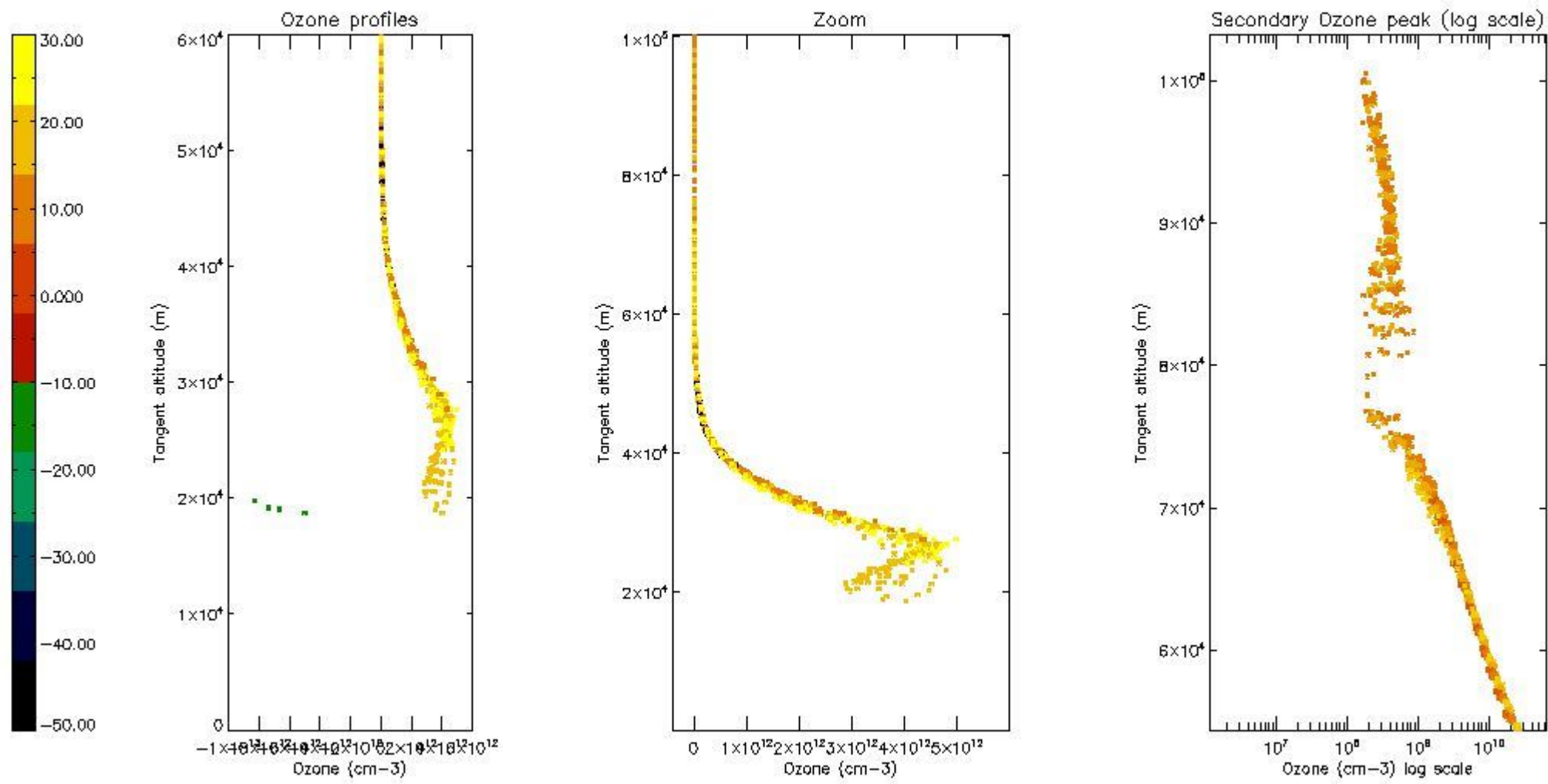
The colorbar represents the latitude.



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

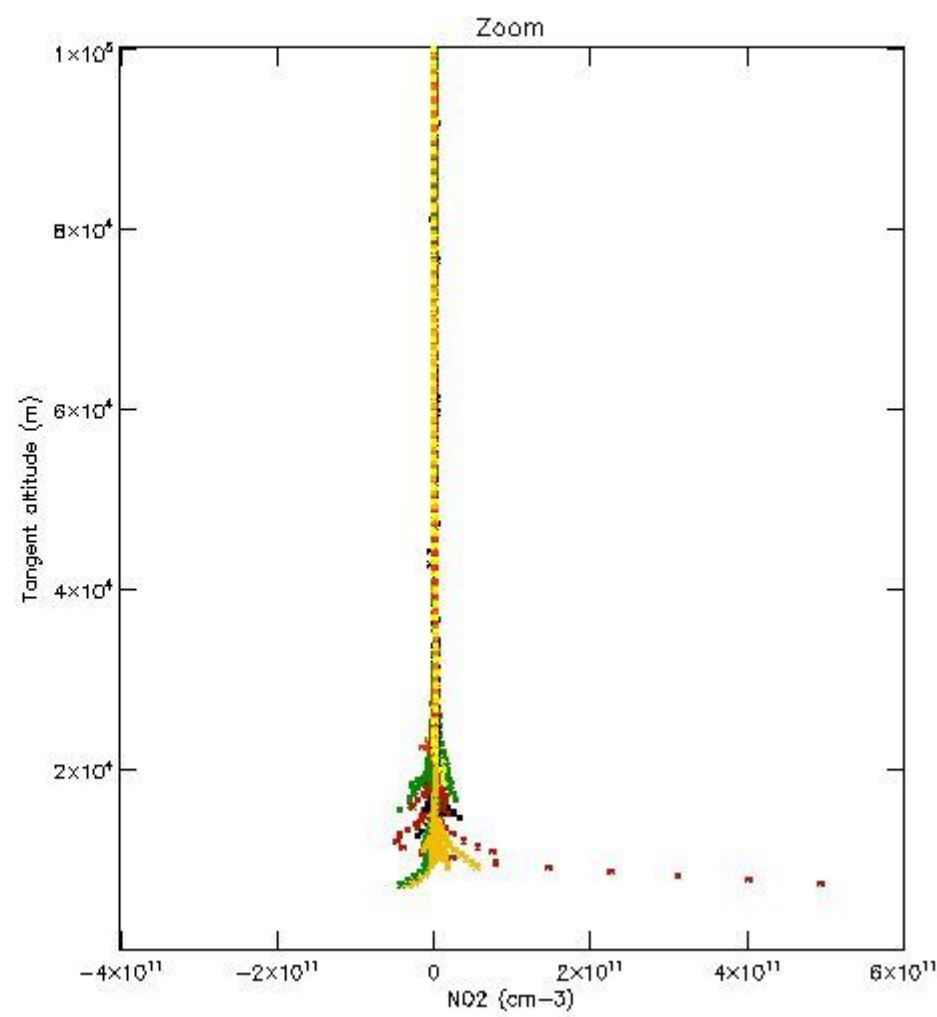
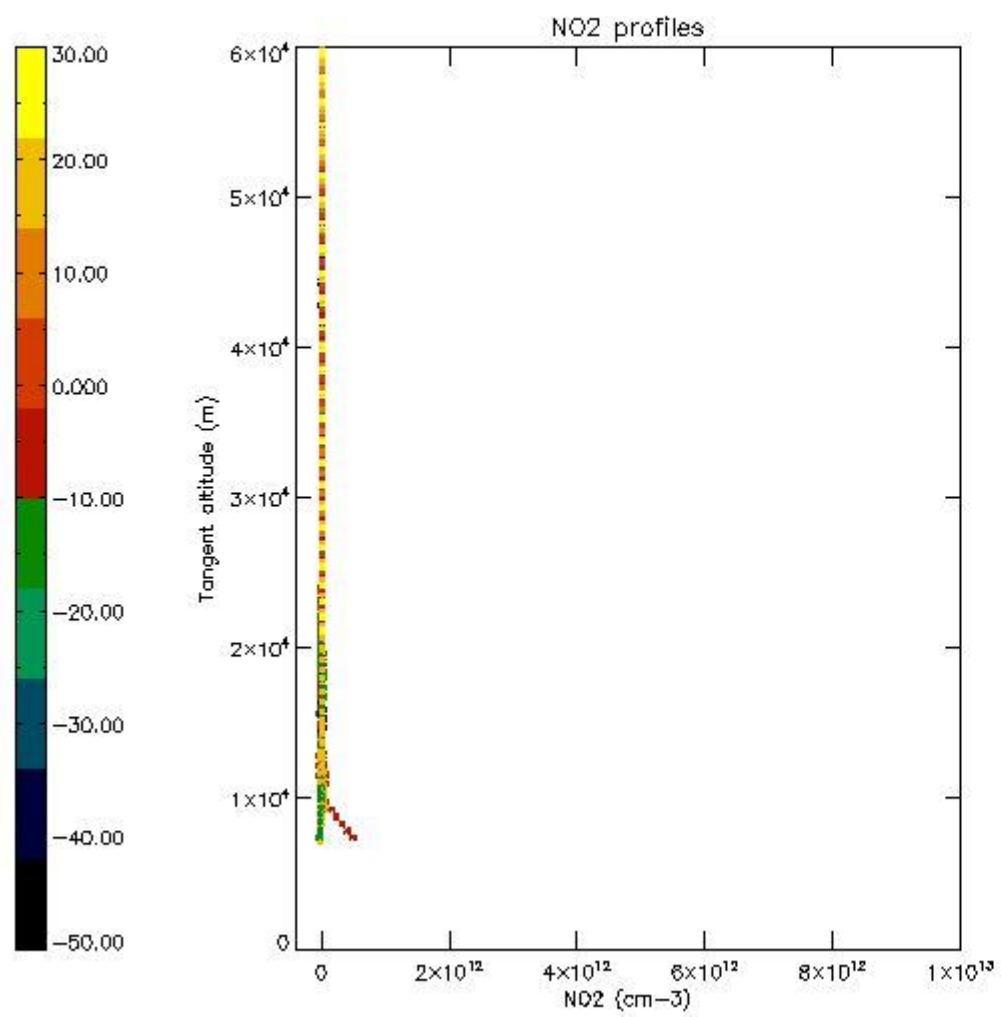
The colorbar represents the latitude.





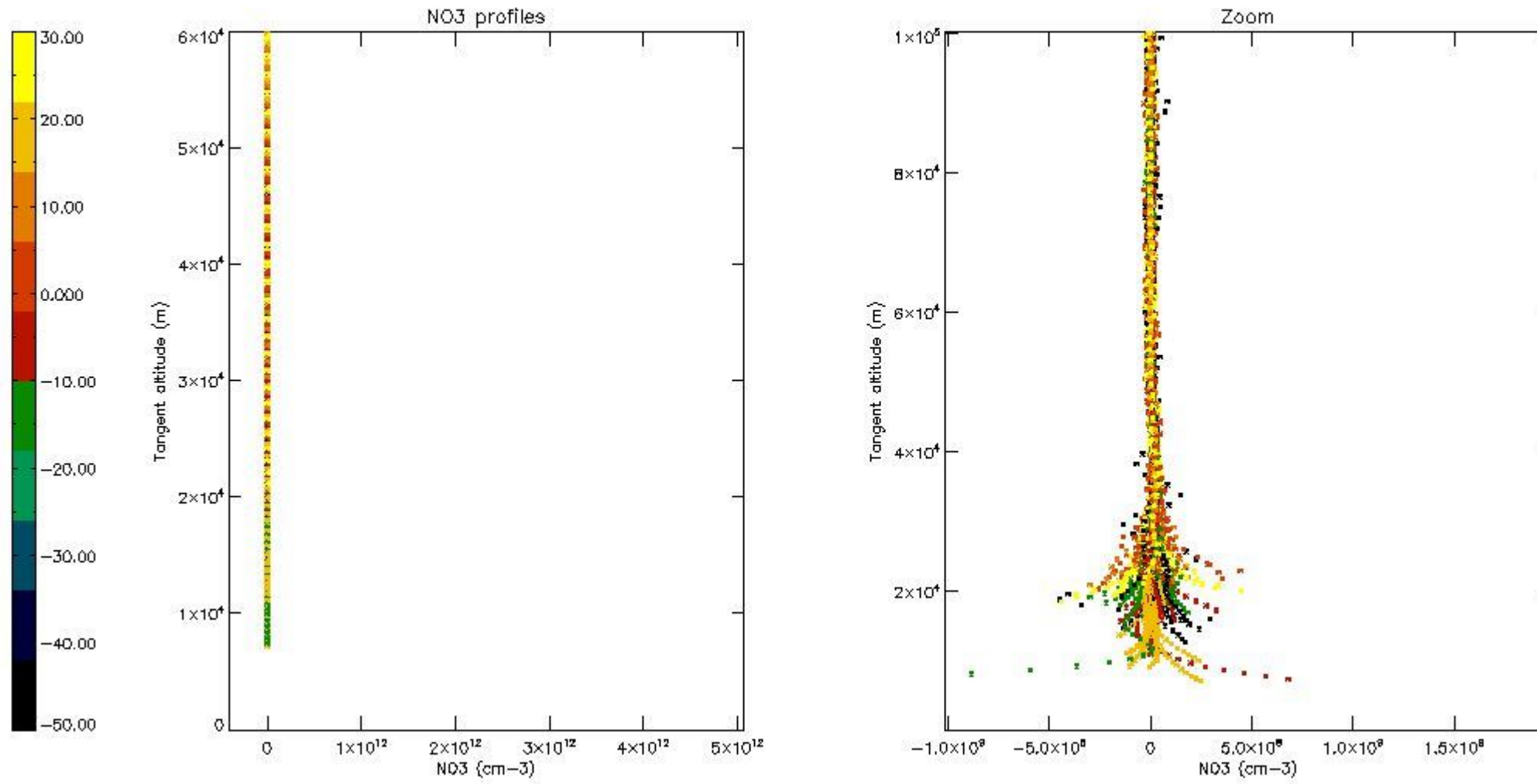
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



## 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	06-MAR-2006 00:01:12
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-MAR-2006 00:01:12
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-MAR-2006 00:01:12



# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

### [2. Summary of processed GOM\\_NL\\_2P products](#)

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

#### [3.1 Plot of level 2 quality information per product \(time dependant\)](#)

#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	22APR2013 16:26:11
Data source version	GOMOS/6.01
Start time of products	06-03-2006 (06MAR2006 00:00:00)
Stop time of products	07-03-2006 (07MAR2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	233
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__2PRFIN20060306_000112_000000342045_00388_20983_7813.N1	06-MAR-2006 00:01:12	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20983	No
2	GOM_NL__2PRFIN20060306_000245_000000352045_00388_20983_7814.N1	06-MAR-2006 00:02:45	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20983	No
3	GOM_NL__2PRFIN20060306_000420_000000362045_00388_20983_7815.N1	06-MAR-2006 00:04:20	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	20983	No
4	GOM_NL__2PRFIN20060306_001144_000000402045_00388_20983_7816.N1	06-MAR-2006 00:11:44	Bright	40.000	118	50Gam Aql	2.7180	4600.0	80	20983	No
5	GOM_NL__2PRFIN20060306_002406_000000422045_00388_20983_7817.N1	06-MAR-2006 00:24:06	Dark	41.500	103	38Zet Sgr	2.6000	9700.0	83	20983	No
6	GOM_NL__2PRFIN20060306_003309_000000412045_00389_20984_7801.N1	06-MAR-2006 00:33:09	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	20984	No
7	GOM_NL__2PRFIN20060306_003602_000000392045_00389_20984_7802.N1	06-MAR-2006 00:36:02	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	20984	No
8	GOM_NL__2PRFIN20060306_003815_000000372045_00389_20984_7803.N1	06-MAR-2006 00:38:15	Dark	36.500	145	Gam TrA	2.8720	10600.	73	20984	No
9	GOM_NL__2PRFIN20060306_003944_000000262045_00389_20984_7804.N1	06-MAR-2006 00:39:44	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20984	No
10	GOM_NL__2PRFIN20060306_004102_000000292045_00389_20984_7805.N1	06-MAR-2006 00:41:02	Dark	29.000	10	Bet Cen	0.61000	28000.	58	20984	No
11	GOM_NL__2PRFIN20060306_004204_000000372045_00389_20984_7806.N1	06-MAR-2006 00:42:04	Dark	36.500	112	Alp Mus	2.6880	26000.	73	20984	No
12	GOM_NL__2PRFIN20060306_004325_000000402045_00389_20984_7807.N1	06-MAR-2006 00:43:25	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	20984	No
13	GOM_NL__2PRFIN20060306_004503_000000372045_00389_20984_7808.N1	06-MAR-2006 00:45:03	Dark	36.500	124	The Car	2.7640	30000.	73	20984	No
14	GOM_NL__2PRFIN20060306_004850_000000432045_00389_20984_7809.N1	06-MAR-2006 00:48:50	Straylight	42.500	113	Mu Vel	2.6920	5000.0	85	20984	No
15	GOM_NL__2PRFIN20060306_010112_000000452045_00389_20984_7810.N1	06-MAR-2006 01:01:12	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	20984	No
16	GOM_NL__2PRFIN20060306_012905_000000372045_00389_20984_7811.N1	06-MAR-2006 01:29:05	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	20984	No
17	GOM_NL__2PRFIN20060306_013642_000000362045_00389_20984_7812.N1	06-MAR-2006 01:36:42	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20984	No
18	GOM_NL__2PRFIN20060306_014148_000000342045_00389_20984_7813.N1	06-MAR-2006 01:41:48	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20984	No
19	GOM_NL__2PRFIN20060306_014321_000000352045_00389_20984_7814.N1	06-MAR-2006 01:43:21	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	20984	No
20	GOM_NL__2PRFIN20060306_014456_000000342045_00389_20984_7815.N1	06-MAR-2006 01:44:56	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	20984	No
21	GOM_NL__2PRFIN20060306_015220_000000382045_00389_20984_7816.N1	06-MAR-2006 01:52:20	Bright	38.000	118	50Gam Aql	2.7180	4600.0	76	20984	No
22	GOM_NL__2PRFIN20060306_021346_000000422045_00390_20985_7801.N1	06-MAR-2006 02:13:46	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	20985	No
23	GOM_NL__2PRFIN20060306_021638_000000412045_00390_20985_7802.N1	06-MAR-2006 02:16:38	Dark	41.000	43	Alp TrA	1.9100	4250.0	82	20985	No
24	GOM_NL__2PRFIN20060306_021851_000000362045_00390_20985_7803.N1	06-MAR-2006 02:18:51	Dark	36.000	145	Gam TrA	2.8720	10600.	72	20985	No
25	GOM_NL__2PRFIN20060306_022021_000000262045_00390_20985_7804.N1	06-MAR-2006 02:20:21	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20985	No
26	GOM_NL__2PRFIN20060306_022139_000000292045_00390_20985_7805.N1	06-MAR-2006 02:21:39	Dark	29.000	10	Bet Cen	0.61000	28000.	58	20985	No
27	GOM_NL__2PRFIN20060306_022240_000000362045_00390_20985_7806.N1	06-MAR-2006 02:22:40	Dark	36.000	112	Alp Mus	2.6880	26000.	72	20985	No
28	GOM_NL__2PRFIN20060306_022402_000000472045_00390_20985_7807.N1	06-MAR-2006 02:24:02	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	20985	No
29	GOM_NL__2PRFIN20060306_022539_000000362045_00390_20985_7808.N1	06-MAR-2006 02:25:39	Dark	36.000	124	The Car	2.7640	30000.	72	20985	No
30	GOM_NL__2PRFIN20060306_022927_000000412045_00390_20985_7809.N1	06-MAR-2006 02:29:27	Straylight	41.000	113	Mu Vel	2.6920	5000.0	82	20985	No
31	GOM_NL__2PRFIN20060306_024148_000000452045_00390_20985_7810.N1	06-MAR-2006 02:41:48	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	20985	No
32	GOM_NL__2PRFIN20060306_030941_000000352045_00390_20985_7811.N1	06-MAR-2006 03:09:41	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20985	No
33	GOM_NL__2PRFIN20060306_031718_000000352045_00390_20985_7812.N1	06-MAR-2006 03:17:18	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	20985	No
34	GOM_NL__2PRFIN20060306_032224_000000342045_00390_20985_7813.N1	06-MAR-2006 03:22:24	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20985	No
35	GOM_NL__2PRFIN20060306_032357_000000352045_00390_20985_7814.N1	06-MAR-2006 03:23:57	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20985	No
36	GOM_NL__2PRFIN20060306_032533_000000362045_00390_20985_7815.N1	06-MAR-2006 03:25:33	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	20985	No
37	GOM_NL__2PRFIN20060306_033256_000000402045_00390_20985_7816.N1	06-MAR-2006 03:32:56	Bright	40.000	118	50Gam Aql	2.7180	4600.0	80	20985	No
38	GOM_NL__2PRFIN20060306_035422_000000392045_00391_20986_7801.N1	06-MAR-2006 03:54:22	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	20986	No
39	GOM_NL__2PRFIN20060306_035715_000000382045_00391_20986_7802.N1	06-MAR-2006 03:57:15	Dark	38.000	43	Alp TrA	1.9100	4250.0	76	20986	No
40	GOM_NL__2PRFIN20060306_035928_000000372045_00391_20986_7803.N1	06-MAR-2006 03:59:28	Dark	36.500	145	Gam TrA	2.8720	10600.	73	20986	No
41	GOM_NL__2PRFIN20060306_040057_000000262045_00391_20986_7804.N1	06-MAR-2006 04:00:57	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20986	No
42	GOM_NL__2PRFIN20060306_040215_000000302045_00391_20986_7805.N1	06-MAR-2006 04:02:15	Dark	30.000	10	Bet Cen	0.61000	28000.	60	20986	No

43	GOM_NL__2PRFIN20060306_040316_000000382045_00391_20986_7806.N1	06-MAR-2006 04:03:16	Dark	37.500	112	Alp Mus	2.6880	26000.	75	20986	No
44	GOM_NL__2PRFIN20060306_040438_000000452045_00391_20986_7807.N1	06-MAR-2006 04:04:38	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	20986	No
45	GOM_NL__2PRFIN20060306_040615_000000362045_00391_20986_7808.N1	06-MAR-2006 04:06:15	Dark	36.000	124	The Car	2.7640	30000.	72	20986	No
46	GOM_NL__2PRFIN20060306_041003_000000382045_00391_20986_7809.N1	06-MAR-2006 04:10:03	Straylight	38.000	113	Mu Vel	2.6920	5000.0	76	20986	No
47	GOM_NL__2PRFIN20060306_042224_000000512045_00391_20986_7810.N1	06-MAR-2006 04:22:24	Twilight_stray	51.000	48	30Alp Hya	1.9770	4100.0	102	20986	No
48	GOM_NL__2PRFIN20060306_045017_000000332045_00391_20986_7811.N1	06-MAR-2006 04:50:17	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	20986	No
49	GOM_NL__2PRFIN20060306_045754_000000342045_00391_20986_7812.N1	06-MAR-2006 04:57:54	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	20986	No
50	GOM_NL__2PRFIN20060306_050300_000000342045_00391_20986_7813.N1	06-MAR-2006 05:03:00	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20986	No
51	GOM_NL__2PRFIN20060306_050433_000000352045_00391_20986_7814.N1	06-MAR-2006 05:04:33	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20986	No
52	GOM_NL__2PRFIN20060306_050609_000000362045_00391_20986_7815.N1	06-MAR-2006 05:06:09	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	20986	No
53	GOM_NL__2PRFIN20060306_051358_000000402045_00391_20986_7816.N1	06-MAR-2006 05:13:58	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	20986	No
54	GOM_NL__2PRFIN20060306_052556_000000432045_00391_20986_7817.N1	06-MAR-2006 05:25:56	Dark	42.500	103	38Zet Sgr	2.6000	9700.0	85	20986	No
55	GOM_NL__2PRFIN20060306_053459_000000412045_00392_20987_7801.N1	06-MAR-2006 05:34:59	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	20987	No
56	GOM_NL__2PRFIN20060306_053751_000000392045_00392_20987_7802.N1	06-MAR-2006 05:37:51	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	20987	No
57	GOM_NL__2PRFIN20060306_054004_000000382045_00392_20987_7803.N1	06-MAR-2006 05:40:04	Dark	38.000	145	Gam TrA	2.8720	10600.	76	20987	No
58	GOM_NL__2PRFIN20060306_054134_000000262045_00392_20987_7804.N1	06-MAR-2006 05:41:34	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20987	No
59	GOM_NL__2PRFIN20060306_054252_000000302045_00392_20987_7805.N1	06-MAR-2006 05:42:52	Dark	30.000	10	Bet Cen	0.61000	28000.	60	20987	No
60	GOM_NL__2PRFIN20060306_054353_000000362045_00392_20987_7806.N1	06-MAR-2006 05:43:53	Dark	35.500	112	Alp Mus	2.6880	26000.	71	20987	No
61	GOM_NL__2PRFIN20060306_054514_000000452045_00392_20987_7807.N1	06-MAR-2006 05:45:14	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	20987	No
62	GOM_NL__2PRFIN20060306_054652_000000362045_00392_20987_7808.N1	06-MAR-2006 05:46:52	Dark	36.000	124	The Car	2.7640	30000.	72	20987	No
63	GOM_NL__2PRFIN20060306_055039_000000402045_00392_20987_7809.N1	06-MAR-2006 05:50:39	Straylight	40.000	113	Mu Vel	2.6920	5000.0	80	20987	No
64	GOM_NL__2PRFIN20060306_060300_000000492045_00392_20987_7810.N1	06-MAR-2006 06:03:00	Twilight_stray	48.500	48	30Alp Hya	1.9770	4100.0	97	20987	No
65	GOM_NL__2PRFIN20060306_063053_000000352045_00392_20987_7811.N1	06-MAR-2006 06:30:53	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20987	No
66	GOM_NL__2PRFIN20060306_063830_000000352045_00392_20987_7812.N1	06-MAR-2006 06:38:30	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	20987	No
67	GOM_NL__2PRFIN20060306_064336_000000342045_00392_20987_7813.N1	06-MAR-2006 06:43:36	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20987	No
68	GOM_NL__2PRFIN20060306_064509_000000352045_00392_20987_7814.N1	06-MAR-2006 06:45:09	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	20987	No
69	GOM_NL__2PRFIN20060306_064645_000000352045_00392_20987_7815.N1	06-MAR-2006 06:46:45	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	20987	No
70	GOM_NL__2PRFIN20060306_065434_000000402045_00392_20987_7816.N1	06-MAR-2006 06:54:34	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	20987	No
71	GOM_NL__2PRFIN20060306_070632_000000422045_00392_20987_7817.N1	06-MAR-2006 07:06:32	Dark	41.500	103	38Zet Sgr	2.6000	9700.0	83	20987	No
72	GOM_NL__2PRFIN20060306_071535_000000432045_00393_20988_7821.N1	06-MAR-2006 07:15:35	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	20988	No
73	GOM_NL__2PRFIN20060306_071828_000000422045_00393_20988_7822.N1	06-MAR-2006 07:18:28	Dark	42.000	43	Alp TrA	1.9100	4250.0	84	20988	No
74	GOM_NL__2PRFIN20060306_072041_000000382045_00393_20988_7823.N1	06-MAR-2006 07:20:41	Dark	37.500	145	Gam TrA	2.8720	10600.	75	20988	No
75	GOM_NL__2PRFIN20060306_072211_000000262045_00393_20988_7824.N1	06-MAR-2006 07:22:11	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20988	No
76	GOM_NL__2PRFIN20060306_072329_000000322045_00393_20988_7825.N1	06-MAR-2006 07:23:29	Dark	32.000	10	Bet Cen	0.61000	28000.	64	20988	No
77	GOM_NL__2PRFIN20060306_072429_000000362045_00393_20988_7826.N1	06-MAR-2006 07:24:29	Dark	36.000	112	Alp Mus	2.6880	26000.	72	20988	No
78	GOM_NL__2PRFIN20060306_072551_000000432045_00393_20988_7827.N1	06-MAR-2006 07:25:51	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	20988	No
79	GOM_NL__2PRFIN20060306_072728_000000372045_00393_20988_7828.N1	06-MAR-2006 07:27:28	Dark	36.500	124	The Car	2.7640	30000.	73	20988	No
80	GOM_NL__2PRFIN20060306_073115_000000422045_00393_20988_7829.N1	06-MAR-2006 07:31:15	Straylight	41.500	113	Mu Vel	2.6920	5000.0	83	20988	No
81	GOM_NL__2PRFIN20060306_074336_000000452045_00393_20988_7830.N1	06-MAR-2006 07:43:36	Twilight_stray	45.000	48	30Alp Hya	1.9770	4100.0	90	20988	No
82	GOM_NL__2PRFIN20060306_081129_000000362045_00393_20988_7831.N1	06-MAR-2006 08:11:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	20988	No
83	GOM_NL__2PRFIN20060306_081906_000000362045_00393_20988_7832.N1	06-MAR-2006 08:19:06	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20988	No
84	GOM_NL__2PRFIN20060306_082412_000000342045_00393_20988_7833.N1	06-MAR-2006 08:24:12	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20988	No
85	GOM_NL__2PRFIN20060306_082546_000000352045_00393_20988_7834.N1	06-MAR-2006 08:25:46	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20988	No
86	GOM_NL__2PRFIN20060306_082721_000000352045_00393_20988_7835.N1	06-MAR-2006 08:27:21	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	20988	No
87	GOM_NL__2PRFIN20060306_083445_000000402045_00393_20988_7836.N1	06-MAR-2006 08:34:45	Bright	40.000	118	50Gam Aql	2.7180	4600.0	80	20988	No
88	GOM_NL__2PRFIN20060306_084709_000000402045_00393_20988_7837.N1	06-MAR-2006 08:47:09	Dark	40.000	103	38Zet Sgr	2.6000	9700.0	80	20988	No
89	GOM_NL__2PRFIN20060306_085612_000000402045_00394_20989_7821.N1	06-MAR-2006 08:56:12	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	20989	No
90	GOM_NL__2PRFIN20060306_085904_000000442045_00394_20989_7822.N1	06-MAR-2006 08:59:04	Dark	44.000	43	Alp TrA	1.9100	4250.0	88	20989	No
91	GOM_NL__2PRFIN20060306_090117_000000362045_00394_20989_7823.N1	06-MAR-2006 09:01:17	Dark	36.000	145	Gam TrA	2.8720	10600.	72	20989	No
92	GOM_NL__2PRFIN20060306_090247_000000262045_00394_20989_7824.N1	06-MAR-2006 09:02:47	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20989	No
93	GOM_NL__2PRFIN20060306_090405_000000322045_00394_20989_7825.N1	06-MAR-2006 09:04:05	Dark	32.000	10	Bet Cen	0.61000	28000.	64	20989	No
94	GOM_NL__2PRFIN20060306_090505_000000362045_00394_20989_7826.N1	06-MAR-2006 09:05:05	Dark	35.500	112	Alp Mus	2.6880	26000.	71	20989	No
95	GOM_NL__2PRFIN20060306_090627_000000432045_00394_20989_7827.N1	06-MAR-2006 09:06:27	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	20989	No
96	GOM_NL__2PRFIN20060306_090804_000000362045_00394_20989_7828.N1	06-MAR-2006 09:08:04	Dark	35.500	124	The Car	2.7640	30000.	71	20989	No
97	GOM_NL__2PRFIN20060306_091152_000000392045_00394_20989_7829.N1	06-MAR-2006 09:11:52	Straylight	38.500	113	Mu Vel	2.6920	5000.0	77	20989	No
98	GOM_NL__2PRFIN20060306_092412_000000472045_00394_20989_7830.N1	06-MAR-2006 09:24:12	Twilight_stray	47.000	48	30Alp Hya	1.9770	4100.0	94	20989	No
99	GOM_NL__2PRFIN20060306_095205_000000352045_00394_20989_7831.N1	06-MAR-2006 09:52:05	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20989	No
100	GOM_NL__2PRFIN20060306_095942_000000352045_00394_20989_7832.N1	06-MAR-2006 09:59:42	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	20989	No
101	GOM_NL__2PRFIN20060306_100448_000000342045_00394_20989_7833.N1	06-MAR-2006 10:04:48	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20989	No



102	GOM_NL__2PRFIN20060306_100621_000000342045_00394_20989_7834.N1	06-MAR-2006 10:06:21	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20989	No
103	GOM_NL__2PRFIN20060306_100757_000000342045_00394_20989_7835.N1	06-MAR-2006 10:07:57	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	20989	No
104	GOM_NL__2PRFIN20060306_101521_000000392045_00394_20989_7836.N1	06-MAR-2006 10:15:21	Bright	39.000	118	50Gam Aql	2.7180	4600.0	78	20989	No
105	GOM_NL__2PRFIN20060306_102745_000000442045_00394_20989_7837.N1	06-MAR-2006 10:27:45	Dark	44.000	103	38Zet Sgr	2.6000	9700.0	88	20989	No
106	GOM_NL__2PRFIN20060306_103648_000000402045_00395_20990_7821.N1	06-MAR-2006 10:36:48	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	20990	No
107	GOM_NL__2PRFIN20060306_103940_000000482045_00395_20990_7822.N1	06-MAR-2006 10:39:40	Dark	47.500	43	Alp TrA	1.9100	4250.0	95	20990	No
108	GOM_NL__2PRFIN20060306_104154_000000372045_00395_20990_7823.N1	06-MAR-2006 10:41:54	Dark	37.000	145	Gam TrA	2.8720	10600.	74	20990	No
109	GOM_NL__2PRFIN20060306_104324_000000262045_00395_20990_7824.N1	06-MAR-2006 10:43:24	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20990	No
110	GOM_NL__2PRFIN20060306_104441_000000332045_00395_20990_7825.N1	06-MAR-2006 10:44:41	Dark	33.000	10	Bet Cen	0.610000	28000.	66	20990	No
111	GOM_NL__2PRFIN20060306_104541_000000362045_00395_20990_7826.N1	06-MAR-2006 10:45:41	Dark	35.500	112	Alp Mus	2.6880	26000.	71	20990	No
112	GOM_NL__2PRFIN20060306_104703_000000492045_00395_20990_7827.N1	06-MAR-2006 10:47:03	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	20990	No
113	GOM_NL__2PRFIN20060306_104840_000000352045_00395_20990_7828.N1	06-MAR-2006 10:48:40	Dark	35.000	124	The Car	2.7640	30000.	70	20990	No
114	GOM_NL__2PRFIN20060306_105228_000000412045_00395_20990_7829.N1	06-MAR-2006 10:52:28	Straylight	40.500	113	Mu Vel	2.6920	5000.0	81	20990	No
115	GOM_NL__2PRFIN20060306_110448_000000442045_00395_20990_7830.N1	06-MAR-2006 11:04:48	Tw_i_and_stray	44.000	48	30Alp Hya	1.9770	4100.0	88	20990	No
116	GOM_NL__2PRFIN20060306_113240_000000352045_00395_20990_7831.N1	06-MAR-2006 11:32:40	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20990	No
117	GOM_NL__2PRFIN20060306_114018_000000322045_00395_20990_7832.N1	06-MAR-2006 11:40:18	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	20990	No
118	GOM_NL__2PRFIN20060306_114524_000000352045_00395_20990_7833.N1	06-MAR-2006 11:45:24	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	20990	No
119	GOM_NL__2PRFIN20060306_114657_000000342045_00395_20990_7834.N1	06-MAR-2006 11:46:57	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20990	No
120	GOM_NL__2PRFIN20060306_114833_000000342045_00395_20990_7835.N1	06-MAR-2006 11:48:33	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	20990	No
121	GOM_NL__2PRFIN20060306_115623_000000412045_00395_20990_7836.N1	06-MAR-2006 11:56:23	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	20990	No
122	GOM_NL__2PRFIN20060306_120822_000000412045_00395_20990_7837.N1	06-MAR-2006 12:08:22	Dark	40.500	103	38Zet Sgr	2.6000	9700.0	81	20990	No
123	GOM_NL__2PRFIN20060306_121725_000000412045_00396_20991_7821.N1	06-MAR-2006 12:17:25	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	20991	No
124	GOM_NL__2PRFIN20060306_122016_000000402045_00396_20991_7822.N1	06-MAR-2006 12:20:16	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	20991	No
125	GOM_NL__2PRFIN20060306_122230_000000372045_00396_20991_7823.N1	06-MAR-2006 12:22:30	Dark	36.500	145	Gam TrA	2.8720	10600.	73	20991	No
126	GOM_NL__2PRFIN20060306_122400_000000262045_00396_20991_7824.N1	06-MAR-2006 12:24:00	Dark	26.000	4	Alp1Cen	-0.010000	5800.0	52	20991	No
127	GOM_NL__2PRFIN20060306_122518_000000332045_00396_20991_7825.N1	06-MAR-2006 12:25:18	Dark	33.000	10	Bet Cen	0.610000	28000.	66	20991	No
128	GOM_NL__2PRFIN20060306_122617_000000362045_00396_20991_7826.N1	06-MAR-2006 12:26:17	Dark	35.500	112	Alp Mus	2.6880	26000.	71	20991	No
129	GOM_NL__2PRFIN20060306_122739_000000452045_00396_20991_7827.N1	06-MAR-2006 12:27:39	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	20991	No
130	GOM_NL__2PRFIN20060306_122916_000000382045_00396_20991_7828.N1	06-MAR-2006 12:29:16	Dark	37.500	124	The Car	2.7640	30000.	75	20991	No
131	GOM_NL__2PRFIN20060306_123304_000000402045_00396_20991_7829.N1	06-MAR-2006 12:33:04	Straylight	40.000	113	Mu Vel	2.6920	5000.0	80	20991	No
132	GOM_NL__2PRFIN20060306_124524_000000462045_00396_20991_7830.N1	06-MAR-2006 12:45:24	Tw_i_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	20991	No
133	GOM_NL__2PRFIN20060306_131316_000000352045_00396_20991_7831.N1	06-MAR-2006 13:13:16	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20991	No
134	GOM_NL__2PRFIN20060306_132054_000000362045_00396_20991_7832.N1	06-MAR-2006 13:20:54	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20991	No
135	GOM_NL__2PRFIN20060306_132600_000000362045_00396_20991_7833.N1	06-MAR-2006 13:26:00	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	20991	No
136	GOM_NL__2PRFIN20060306_132734_000000352045_00396_20991_7834.N1	06-MAR-2006 13:27:34	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	20991	No
137	GOM_NL__2PRFIN20060306_132909_000000332045_00396_20991_7835.N1	06-MAR-2006 13:29:09	Bright	33.000	92	53Eps Cyg	2.5000	4500.0	66	20991	No
138	GOM_NL__2PRFIN20060306_133659_000000402045_00396_20991_7836.N1	06-MAR-2006 13:36:59	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	20991	No
139	GOM_NL__2PRFIN20060306_134858_000000432045_00396_20991_7837.N1	06-MAR-2006 13:48:58	Dark	42.500	103	38Zet Sgr	2.6000	9700.0	85	20991	No
140	GOM_NL__2PRFIN20060306_135801_000000412045_00397_20992_7821.N1	06-MAR-2006 13:58:01	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	20992	No
141	GOM_NL__2PRFIN20060306_140053_000000402045_00397_20992_7822.N1	06-MAR-2006 14:00:53	Dark	39.500	43	Alp TrA	1.9100	4250.0	79	20992	No
142	GOM_NL__2PRFIN20060306_140306_000000362045_00397_20992_7823.N1	06-MAR-2006 14:03:06	Dark	36.000	145	Gam TrA	2.8720	10600.	72	20992	No
143	GOM_NL__2PRFIN20060306_140437_000000272045_00397_20992_7824.N1	06-MAR-2006 14:04:37	Dark	27.000	4	Alp1Cen	-0.010000	5800.0	54	20992	No
144	GOM_NL__2PRFIN20060306_140554_000000342045_00397_20992_7825.N1	06-MAR-2006 14:05:54	Dark	34.000	10	Bet Cen	0.610000	28000.	68	20992	No
145	GOM_NL__2PRFIN20060306_140654_000000362045_00397_20992_7826.N1	06-MAR-2006 14:06:54	Dark	36.000	112	Alp Mus	2.6880	26000.	72	20992	No
146	GOM_NL__2PRFIN20060306_140816_000000462045_00397_20992_7827.N1	06-MAR-2006 14:08:16	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	20992	No
147	GOM_NL__2PRFIN20060306_140952_000000362045_00397_20992_7828.N1	06-MAR-2006 14:09:52	Dark	35.500	124	The Car	2.7640	30000.	71	20992	No
148	GOM_NL__2PRFIN20060306_141340_000000392045_00397_20992_7829.N1	06-MAR-2006 14:13:40	Straylight	38.500	113	Mu Vel	2.6920	5000.0	77	20992	No
149	GOM_NL__2PRFIN20060306_142600_000000432045_00397_20992_7830.N1	06-MAR-2006 14:26:00	Tw_i_and_stray	43.000	48	30Alp Hya	1.9770	4100.0	86	20992	No
150	GOM_NL__2PRFIN20060306_143513_000000372045_00397_20992_7831.N1	06-MAR-2006 14:35:13	Bright	37.000	166	17Eps Leo	2.9800	6000.0	74	20992	No
151	GOM_NL__2PRFIN20060306_145352_000000332045_00397_20992_7832.N1	06-MAR-2006 14:53:52	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	20992	No
152	GOM_NL__2PRFIN20060306_150130_000000372045_00397_20992_7833.N1	06-MAR-2006 15:01:30	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	20992	No
153	GOM_NL__2PRFIN20060306_150636_000000332045_00397_20992_7834.N1	06-MAR-2006 15:06:36	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	20992	No
154	GOM_NL__2PRFIN20060306_150810_000000342045_00397_20992_7835.N1	06-MAR-2006 15:08:10	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20992	No
155	GOM_NL__2PRFIN20060306_150945_000000352045_00397_20992_7836.N1	06-MAR-2006 15:09:45	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	20992	No
156	GOM_NL__2PRFIN20060306_151735_000000402045_00397_20992_7837.N1	06-MAR-2006 15:17:35	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	20992	No
157	GOM_NL__2PRFIN20060306_152935_000000432045_00397_20992_7838.N1	06-MAR-2006 15:29:35	Dark	42.500	103	38Zet Sgr	2.6000	9700.0	85	20992	No
158	GOM_NL__2PRFIN20060306_153838_000000402045_00398_20993_7821.N1	06-MAR-2006 15:38:38	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	20993	No
159	GOM_NL__2PRFIN20060306_154129_000000412045_00398_20993_7822.N1	06-MAR-2006 15:41:29	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	20993	No
160	GOM_NL__2PRFIN20060306_154343_000000372045_00398_20993_7823.N1	06-MAR-2006 15:43:43	Dark	36.500	145	Gam TrA	2.8720	10600.	73	20993	No

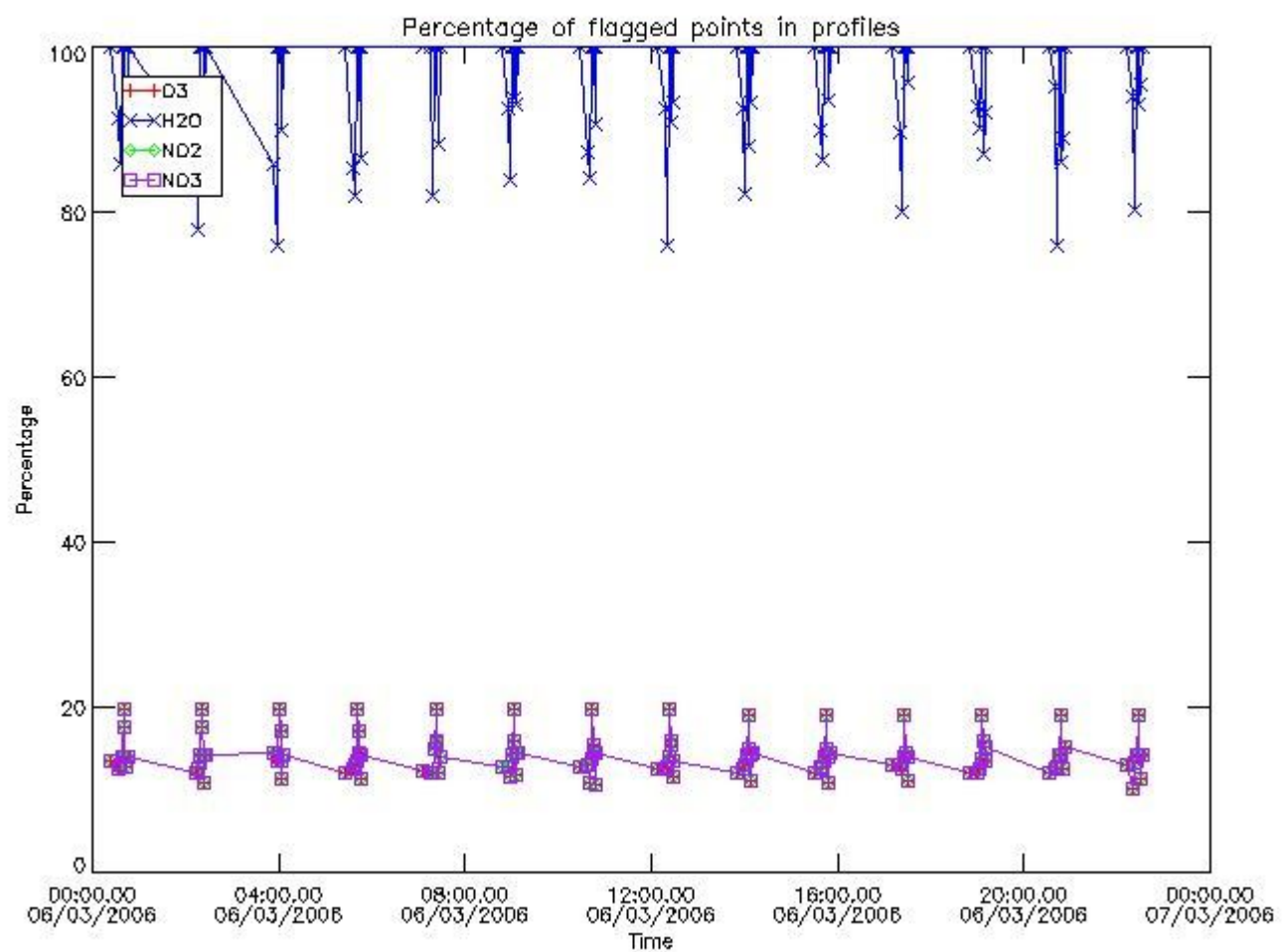
161	GOM_NL__2PRFIN20060306_154513_000000272045_00398_20993_7824.N1	06-MAR-2006 15:45:13	Dark	27.000	4	Alp1Cen	-0.010000	5800.0	54	20993	No
162	GOM_NL__2PRFIN20060306_154631_000000342045_00398_20993_7825.N1	06-MAR-2006 15:46:31	Dark	34.000	10	Bet Cen	0.610000	28000.	68	20993	No
163	GOM_NL__2PRFIN20060306_154730_000000372045_00398_20993_7826.N1	06-MAR-2006 15:47:30	Dark	36.500	112	Alp Mus	2.6880	26000.	73	20993	No
164	GOM_NL__2PRFIN20060306_154852_000000472045_00398_20993_7827.N1	06-MAR-2006 15:48:52	Dark	46.500	12	Alp1Cru	0.775000	30000.	93	20993	No
165	GOM_NL__2PRFIN20060306_155028_000000362045_00398_20993_7828.N1	06-MAR-2006 15:50:28	Dark	35.500	124	The Car	2.7640	30000.	71	20993	No
166	GOM_NL__2PRFIN20060306_155416_000000432045_00398_20993_7829.N1	06-MAR-2006 15:54:16	Straylight	43.000	113	Mu Vel	2.6920	5000.0	86	20993	No
167	GOM_NL__2PRFIN20060306_160636_000000432045_00398_20993_7830.N1	06-MAR-2006 16:06:36	Twilight_stray	43.000	48	30Alp Hya	1.9770	4100.0	86	20993	No
168	GOM_NL__2PRFIN20060306_161549_000000372045_00398_20993_7831.N1	06-MAR-2006 16:15:49	Bright	37.000	166	17Eps Leo	2.9800	6000.0	74	20993	No
169	GOM_NL__2PRFIN20060306_163428_000000352045_00398_20993_7832.N1	06-MAR-2006 16:34:28	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20993	No
170	GOM_NL__2PRFIN20060306_164206_000000362045_00398_20993_7833.N1	06-MAR-2006 16:42:06	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20993	No
171	GOM_NL__2PRFIN20060306_164712_000000372045_00398_20993_7834.N1	06-MAR-2006 16:47:12	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	20993	No
172	GOM_NL__2PRFIN20060306_164846_000000332045_00398_20993_7835.N1	06-MAR-2006 16:48:46	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	20993	No
173	GOM_NL__2PRFIN20060306_165021_000000332045_00398_20993_7836.N1	06-MAR-2006 16:50:21	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	20993	No
174	GOM_NL__2PRFIN20060306_165812_000000412045_00398_20993_7837.N1	06-MAR-2006 16:58:12	Bright	41.000	11	53Alp Aql	0.765000	8000.0	82	20993	No
175	GOM_NL__2PRFIN20060306_171011_000000402045_00398_20993_7838.N1	06-MAR-2006 17:10:11	Dark	39.500	103	38Zet Sgr	2.6000	9700.0	79	20993	No
176	GOM_NL__2PRFIN20060306_171915_000000402045_00399_20994_7821.N1	06-MAR-2006 17:19:15	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	20994	No
177	GOM_NL__2PRFIN20060306_172205_000000412045_00399_20994_7822.N1	06-MAR-2006 17:22:05	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	20994	No
178	GOM_NL__2PRFIN20060306_172419_000000372045_00399_20994_7823.N1	06-MAR-2006 17:24:19	Dark	36.500	145	Gam TrA	2.8720	10600.	73	20994	No
179	GOM_NL__2PRFIN20060306_172550_000000272045_00399_20994_7824.N1	06-MAR-2006 17:25:50	Dark	27.000	4	Alp1Cen	-0.010000	5800.0	54	20994	No
180	GOM_NL__2PRFIN20060306_172707_000000352045_00399_20994_7825.N1	06-MAR-2006 17:27:07	Dark	35.000	10	Bet Cen	0.610000	28000.	70	20994	No
181	GOM_NL__2PRFIN20060306_172928_000000462045_00399_20994_7826.N1	06-MAR-2006 17:29:28	Dark	46.000	12	Alp1Cru	0.775000	30000.	92	20994	No
182	GOM_NL__2PRFIN20060306_173105_000000372045_00399_20994_7827.N1	06-MAR-2006 17:31:05	Dark	36.500	124	The Car	2.7640	30000.	73	20994	No
183	GOM_NL__2PRFIN20060306_173453_000000402045_00399_20994_7828.N1	06-MAR-2006 17:34:53	Straylight	40.000	113	Mu Vel	2.6920	5000.0	80	20994	No
184	GOM_NL__2PRFIN20060306_174713_000000462045_00399_20994_7829.N1	06-MAR-2006 17:47:13	Twilight_stray	45.500	48	30Alp Hya	1.9770	4100.0	91	20994	No
185	GOM_NL__2PRFIN20060306_175624_000000382045_00399_20994_7830.N1	06-MAR-2006 17:56:24	Bright	38.000	166	17Eps Leo	2.9800	6000.0	76	20994	No
186	GOM_NL__2PRFIN20060306_181504_000000362045_00399_20994_7831.N1	06-MAR-2006 18:15:04	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	20994	No
187	GOM_NL__2PRFIN20060306_182242_000000362045_00399_20994_7832.N1	06-MAR-2006 18:22:42	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20994	No
188	GOM_NL__2PRFIN20060306_182748_000000372045_00399_20994_7833.N1	06-MAR-2006 18:27:48	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	20994	No
189	GOM_NL__2PRFIN20060306_182922_000000352045_00399_20994_7834.N1	06-MAR-2006 18:29:22	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	20994	No
190	GOM_NL__2PRFIN20060306_183058_000000342045_00399_20994_7835.N1	06-MAR-2006 18:30:58	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	20994	No
191	GOM_NL__2PRFIN20060306_183848_000000412045_00399_20994_7836.N1	06-MAR-2006 18:38:48	Bright	40.500	11	53Alp Aql	0.765000	8000.0	81	20994	No
192	GOM_NL__2PRFIN20060306_185048_000000422045_00399_20994_7837.N1	06-MAR-2006 18:50:48	Dark	42.000	103	38Zet Sgr	2.6000	9700.0	84	20994	No
193	GOM_NL__2PRFIN20060306_185951_000000422045_00400_20995_7821.N1	06-MAR-2006 18:59:51	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	20995	No
194	GOM_NL__2PRFIN20060306_190242_000000412045_00400_20995_7822.N1	06-MAR-2006 19:02:42	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	20995	No
195	GOM_NL__2PRFIN20060306_190455_000000372045_00400_20995_7823.N1	06-MAR-2006 19:04:55	Dark	37.000	145	Gam TrA	2.8720	10600.	74	20995	No
196	GOM_NL__2PRFIN20060306_190626_000000272045_00400_20995_7824.N1	06-MAR-2006 19:06:26	Dark	27.000	4	Alp1Cen	-0.010000	5800.0	54	20995	No
197	GOM_NL__2PRFIN20060306_190744_000000352045_00400_20995_7825.N1	06-MAR-2006 19:07:44	Dark	35.000	10	Bet Cen	0.610000	28000.	70	20995	No
198	GOM_NL__2PRFIN20060306_191005_000000382045_00400_20995_7826.N1	06-MAR-2006 19:10:05	Dark	38.000	12	Alp1Cru	0.775000	30000.	76	20995	No
199	GOM_NL__2PRFIN20060306_191141_000000372045_00400_20995_7827.N1	06-MAR-2006 19:11:41	Dark	36.500	124	The Car	2.7640	30000.	73	20995	No
200	GOM_NL__2PRFIN20060306_191529_000000382045_00400_20995_7828.N1	06-MAR-2006 19:15:29	Straylight	37.500	113	Mu Vel	2.6920	5000.0	75	20995	No
201	GOM_NL__2PRFIN20060306_192749_000000462045_00400_20995_7829.N1	06-MAR-2006 19:27:49	Twilight_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	20995	No
202	GOM_NL__2PRFIN20060306_193700_000000382045_00400_20995_7830.N1	06-MAR-2006 19:37:00	Bright	38.000	166	17Eps Leo	2.9800	6000.0	76	20995	No
203	GOM_NL__2PRFIN20060306_195540_000000352045_00400_20995_7831.N1	06-MAR-2006 19:55:40	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20995	No
204	GOM_NL__2PRFIN20060306_200318_000000362045_00400_20995_7832.N1	06-MAR-2006 20:03:18	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20995	No
205	GOM_NL__2PRFIN20060306_200824_000000372045_00400_20995_7833.N1	06-MAR-2006 20:08:24	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	20995	No
206	GOM_NL__2PRFIN20060306_200958_000000342045_00400_20995_7834.N1	06-MAR-2006 20:09:58	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	20995	No
207	GOM_NL__2PRFIN20060306_201134_000000342045_00400_20995_7835.N1	06-MAR-2006 20:11:34	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	20995	No
208	GOM_NL__2PRFIN20060306_201924_000000422045_00400_20995_7836.N1	06-MAR-2006 20:19:24	Bright	41.500	11	53Alp Aql	0.765000	8000.0	83	20995	No
209	GOM_NL__2PRFIN20060306_203124_000000422045_00400_20995_7837.N1	06-MAR-2006 20:31:24	Dark	42.000	103	38Zet Sgr	2.6000	9700.0	84	20995	No
210	GOM_NL__2PRFIN20060306_204028_000000412045_00401_20996_7821.N1	06-MAR-2006 20:40:28	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	20996	No
211	GOM_NL__2PRFIN20060306_204318_000000402045_00401_20996_7822.N1	06-MAR-2006 20:43:18	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	20996	No
212	GOM_NL__2PRFIN20060306_204532_000000362045_00401_20996_7823.N1	06-MAR-2006 20:45:32	Dark	36.000	145	Gam TrA	2.8720	10600.	72	20996	No
213	GOM_NL__2PRFIN20060306_204703_000000272045_00401_20996_7824.N1	06-MAR-2006 20:47:03	Dark	27.000	4	Alp1Cen	-0.010000	5800.0	54	20996	No
214	GOM_NL__2PRFIN20060306_204820_000000362045_00401_20996_7825.N1	06-MAR-2006 20:48:20	Dark	36.000	10	Bet Cen	0.610000	28000.	72	20996	No
215	GOM_NL__2PRFIN20060306_205041_000000412045_00401_20996_7826.N1	06-MAR-2006 20:50:41	Dark	41.000	12	Alp1Cru	0.775000	30000.	82	20996	No
216	GOM_NL__2PRFIN20060306_205217_000000372045_00401_20996_7827.N1	06-MAR-2006 20:52:17	Dark	36.500	124	The Car	2.7640	30000.	73	20996	No
217	GOM_NL__2PRFIN20060306_221201_000000402045_00401_20996_7828.N1	06-MAR-2006 22:12:01	Dark	39.500	103	38Zet Sgr	2.6000	9700.0	79	20996	No
218	GOM_NL__2PRFIN20060306_222104_000000502045_00402_20997_7821.N1	06-MAR-2006 22:21:04	Dark	50.000	141	Bet Ara	2.8400	4600.0	100	20997	No
219	GOM_NL__2PRFIN20060306_222354_000000392045_00402_20997_7822.N1	06-MAR-2006 22:23:54	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	20997	No

220	GOM_NL__2PRFIN20060306_222608_000000362045_00402_20997_7823.N1	06-MAR-2006 22:26:08	Dark	36.000	145	Gam TrA	2.8720	10600.	72	20997	No
221	GOM_NL__2PRFIN20060306_222739_000000272045_00402_20997_7824.N1	06-MAR-2006 22:27:39	Dark	27.000	4	Alp1Cen	-0.010000	5800.0	54	20997	No
222	GOM_NL__2PRFIN20060306_222857_000000362045_00402_20997_7825.N1	06-MAR-2006 22:28:57	Dark	36.000	10	Bet Cen	0.610000	28000.	72	20997	No
223	GOM_NL__2PRFIN20060306_223117_000000452045_00402_20997_7826.N1	06-MAR-2006 22:31:17	Dark	45.000	12	Alp1Cru	0.775000	30000.	90	20997	No
224	GOM_NL__2PRFIN20060306_223253_000000362045_00402_20997_7827.N1	06-MAR-2006 22:32:53	Dark	36.000	124	The Car	2.7640	30000.	72	20997	No
225	GOM_NL__2PRFIN20060306_223641_000000422045_00402_20997_7828.N1	06-MAR-2006 22:36:41	Straylight	42.000	113	Mu Vel	2.6920	5000.0	84	20997	No
226	GOM_NL__2PRFIN20060306_224901_000000462045_00402_20997_7829.N1	06-MAR-2006 22:49:01	Twilight_stray	45.500	48	30Alp Hya	1.9770	4100.0	91	20997	No
227	GOM_NL__2PRFIN20060306_225812_000000372045_00402_20997_7830.N1	06-MAR-2006 22:58:12	Bright	37.000	166	17Eps Leo	2.9800	6000.0	74	20997	No
228	GOM_NL__2PRFIN20060306_231652_000000362045_00402_20997_7831.N1	06-MAR-2006 23:16:52	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	20997	No
229	GOM_NL__2PRFIN20060306_232430_000000332045_00402_20997_7832.N1	06-MAR-2006 23:24:30	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	20997	No
230	GOM_NL__2PRFIN20060306_232936_000000342045_00402_20997_7833.N1	06-MAR-2006 23:29:36	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20997	No
231	GOM_NL__2PRFIN20060306_233110_000000372045_00402_20997_7834.N1	06-MAR-2006 23:31:10	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	20997	No
232	GOM_NL__2PRFIN20060306_233246_000000342045_00402_20997_7835.N1	06-MAR-2006 23:32:46	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	20997	No
233	GOM_NL__2PRFIN20060306_234036_000000402045_00402_20997_7836.N1	06-MAR-2006 23:40:36	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	20997	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.

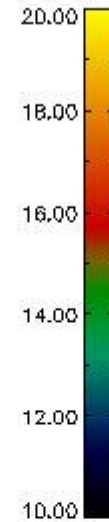
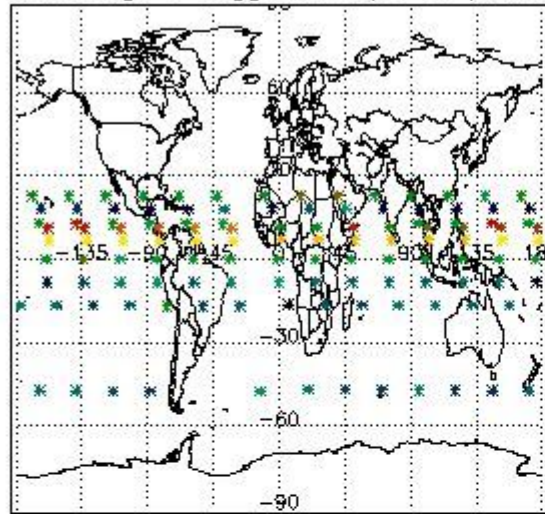
#### 3.1 Plot quality information per product (time dependant)



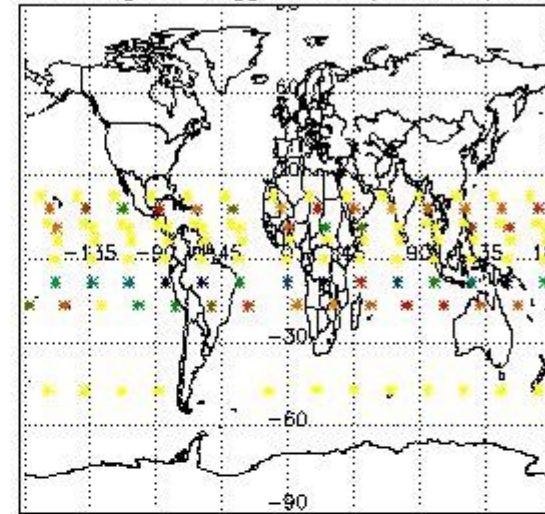
#### 3.2 Plot quality information per product (world map)



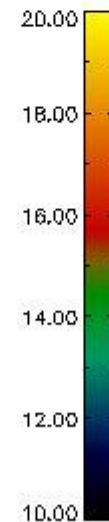
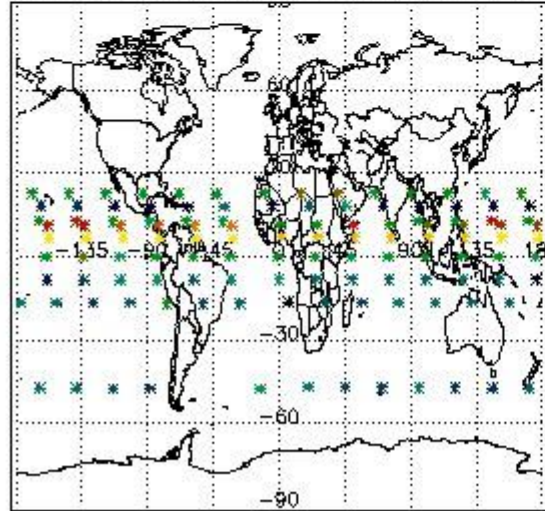
Percentage of flagged data per O3 profile



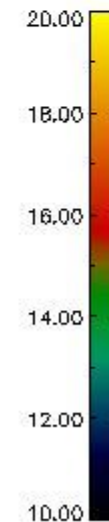
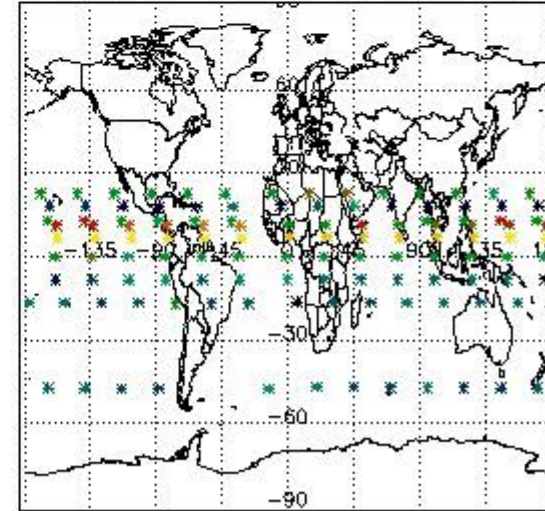
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

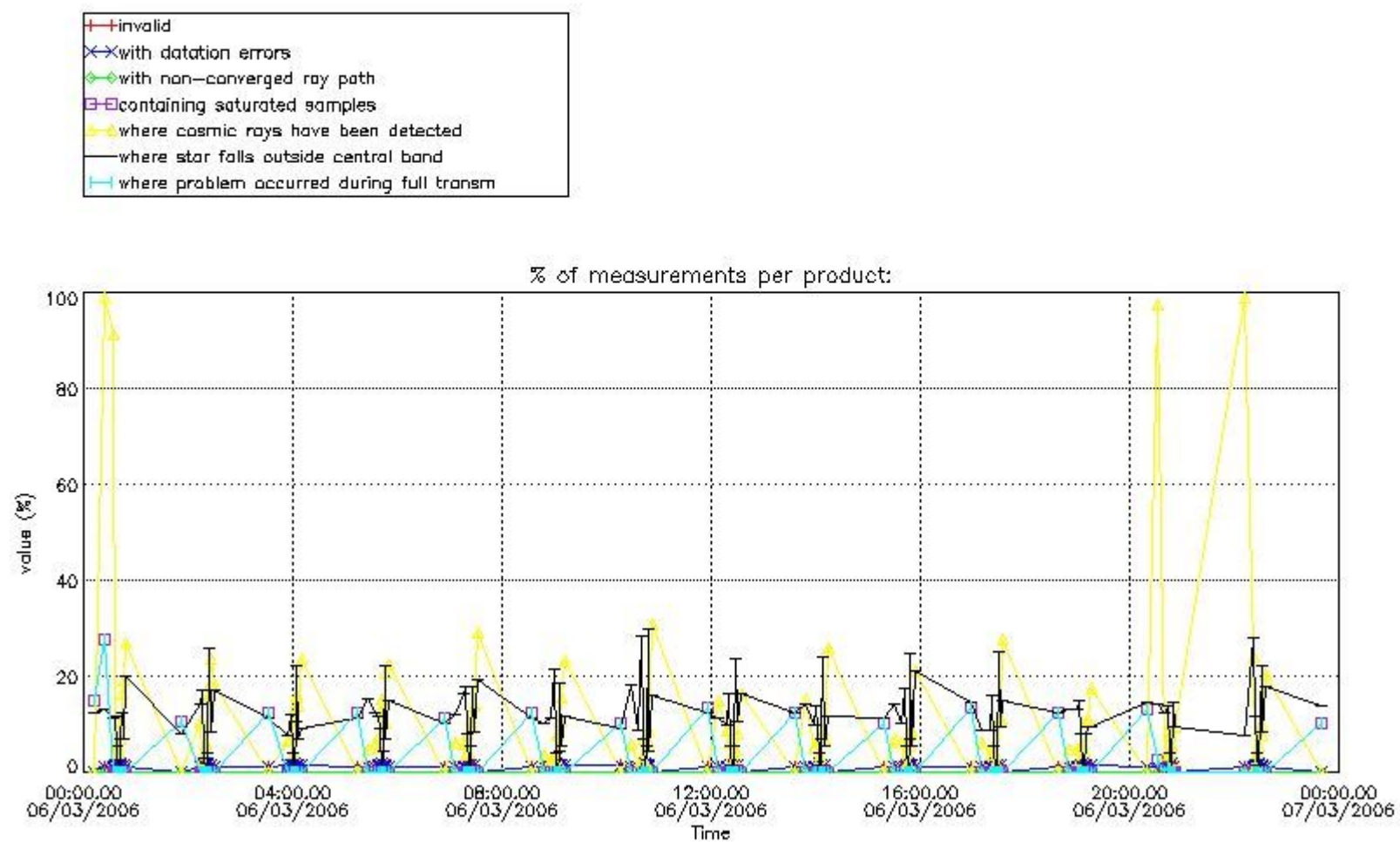


#### 4. Level 1 quality information per product

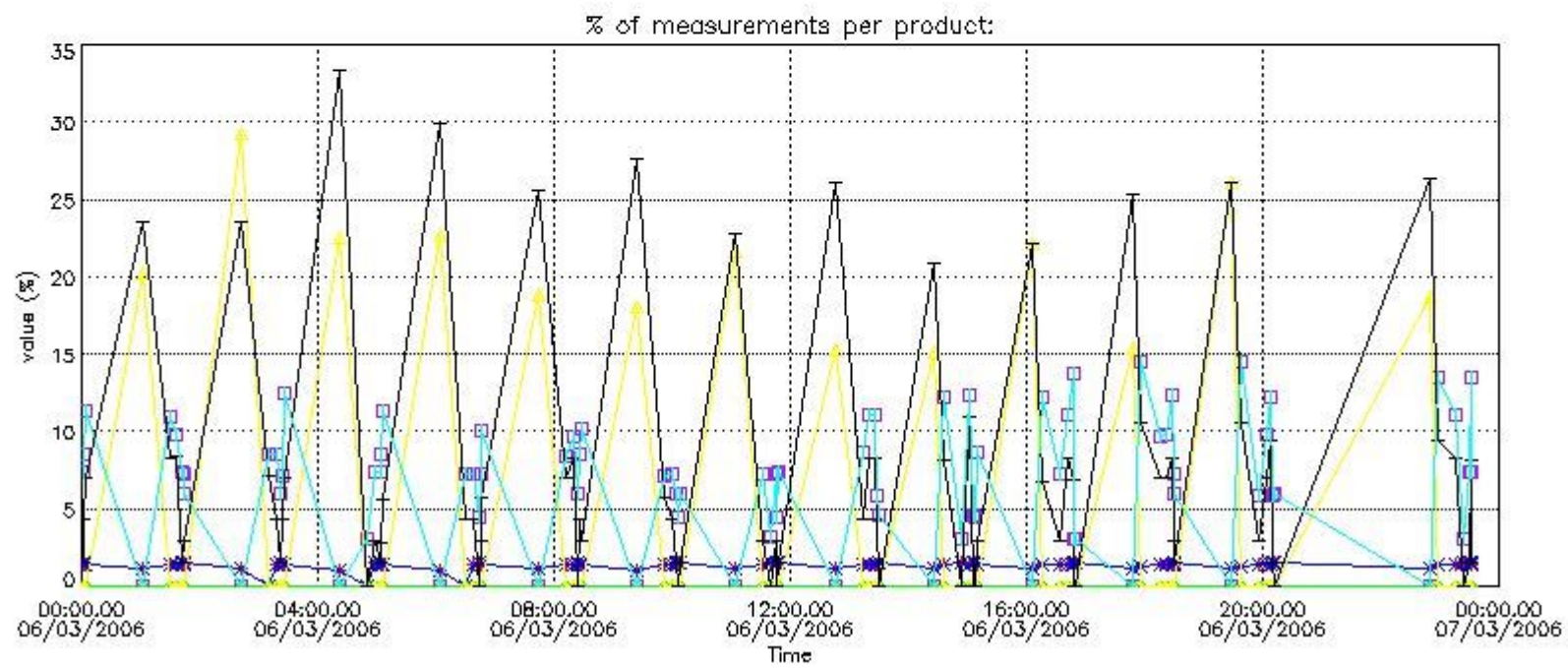
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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): ENVISAT DESCENDING passes

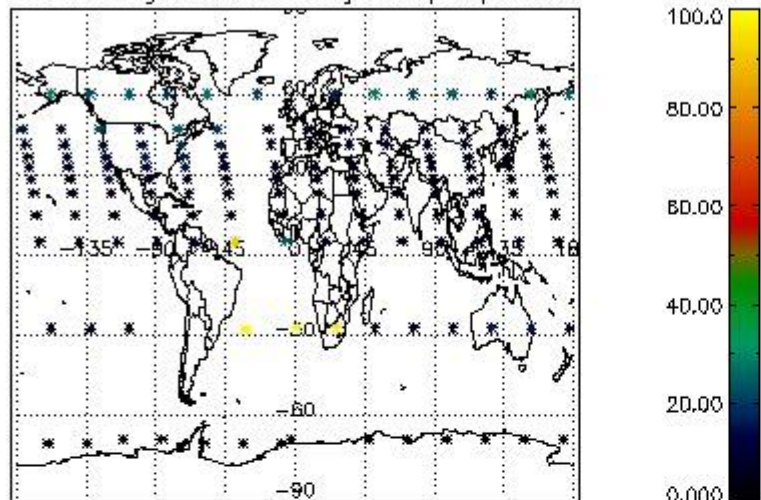


*4.2 Plot quality information per product coming from level 1b processing (world map)*

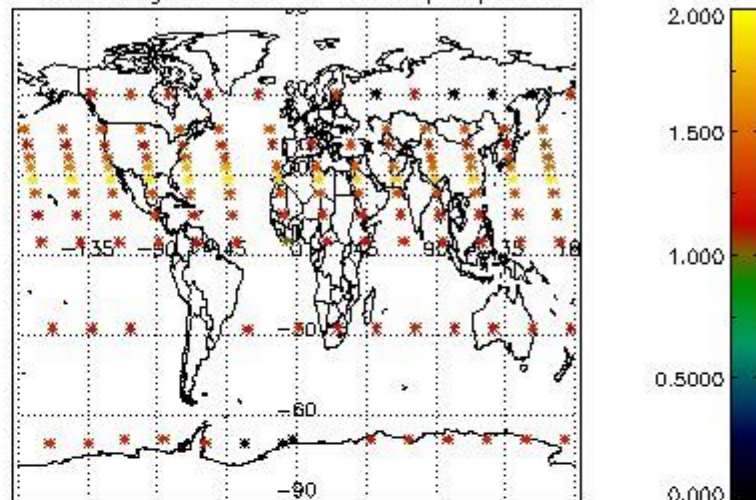
*4.2.1 Plot level 1 quality information per product (world map): ENVI SAT ASCENDING passes*



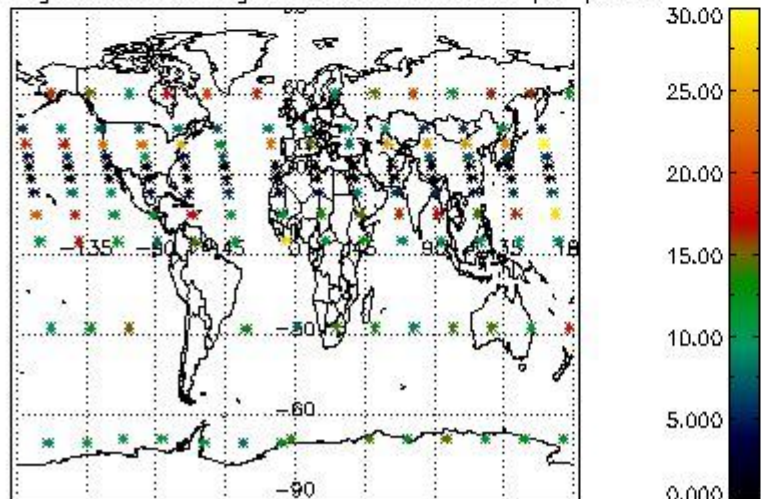
Percentage of cosmic ray hits per profile



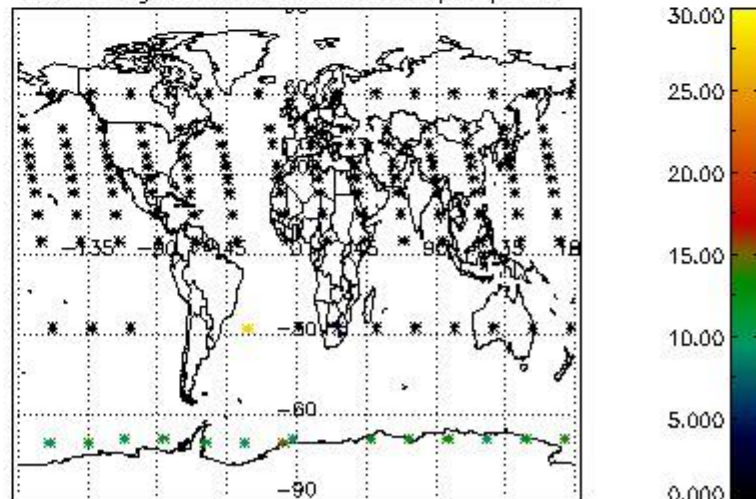
Percentage of datation errors per profile



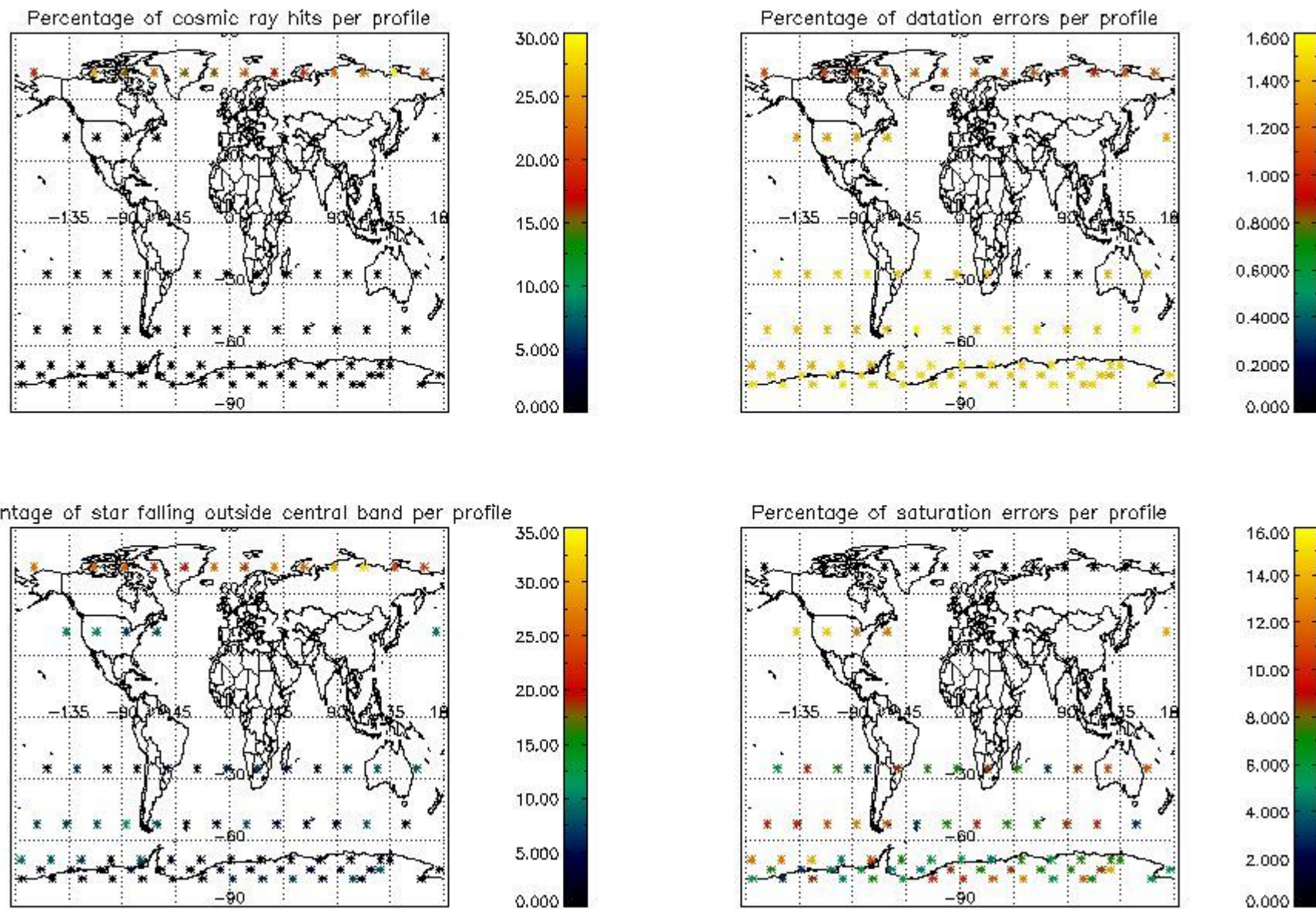
Percentage of star falling outside central band per profile



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.

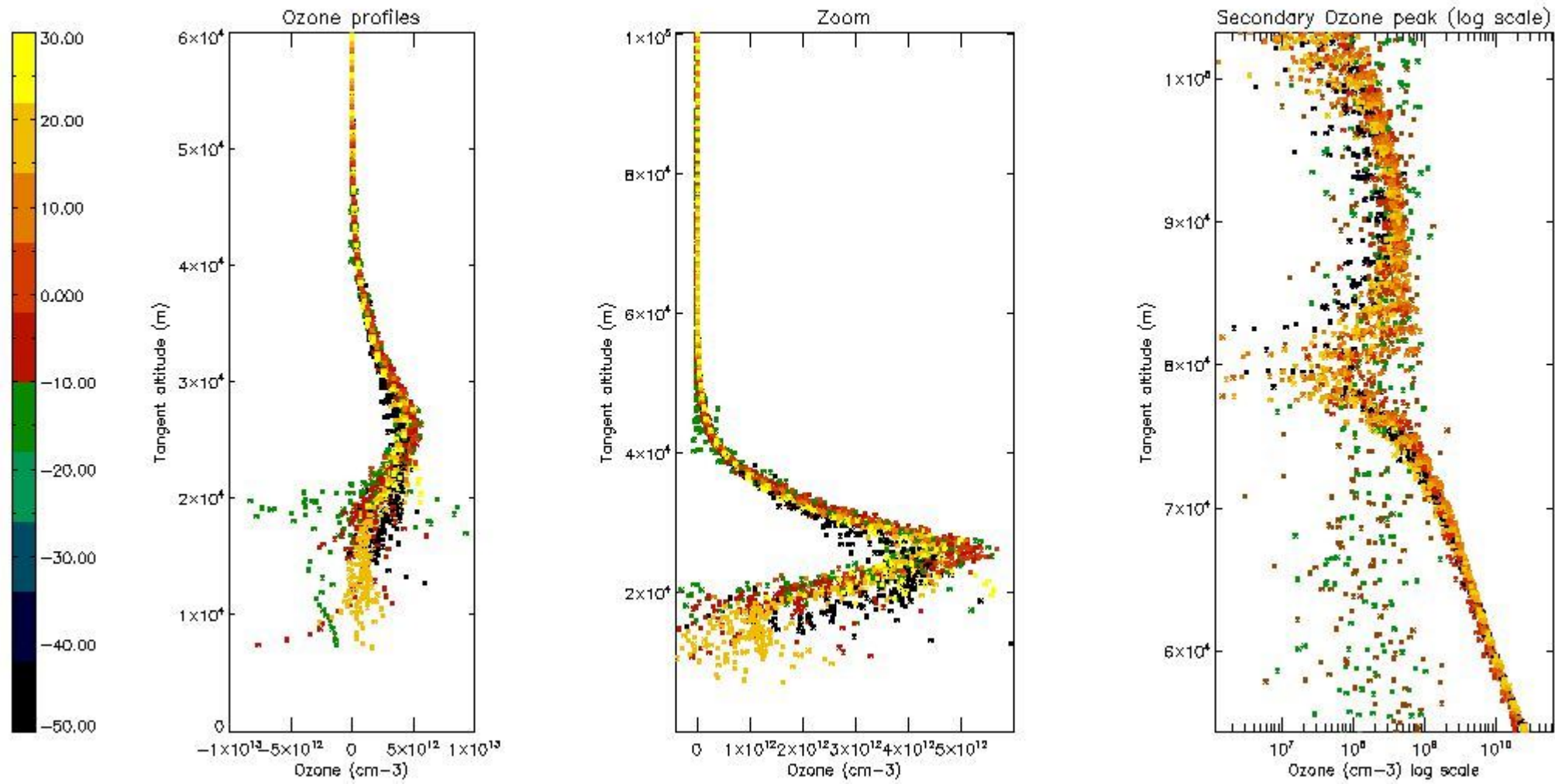
Criteria	% of total production
All STD	52
STD < 20	30



STD < 10	24
STD < 5	15

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

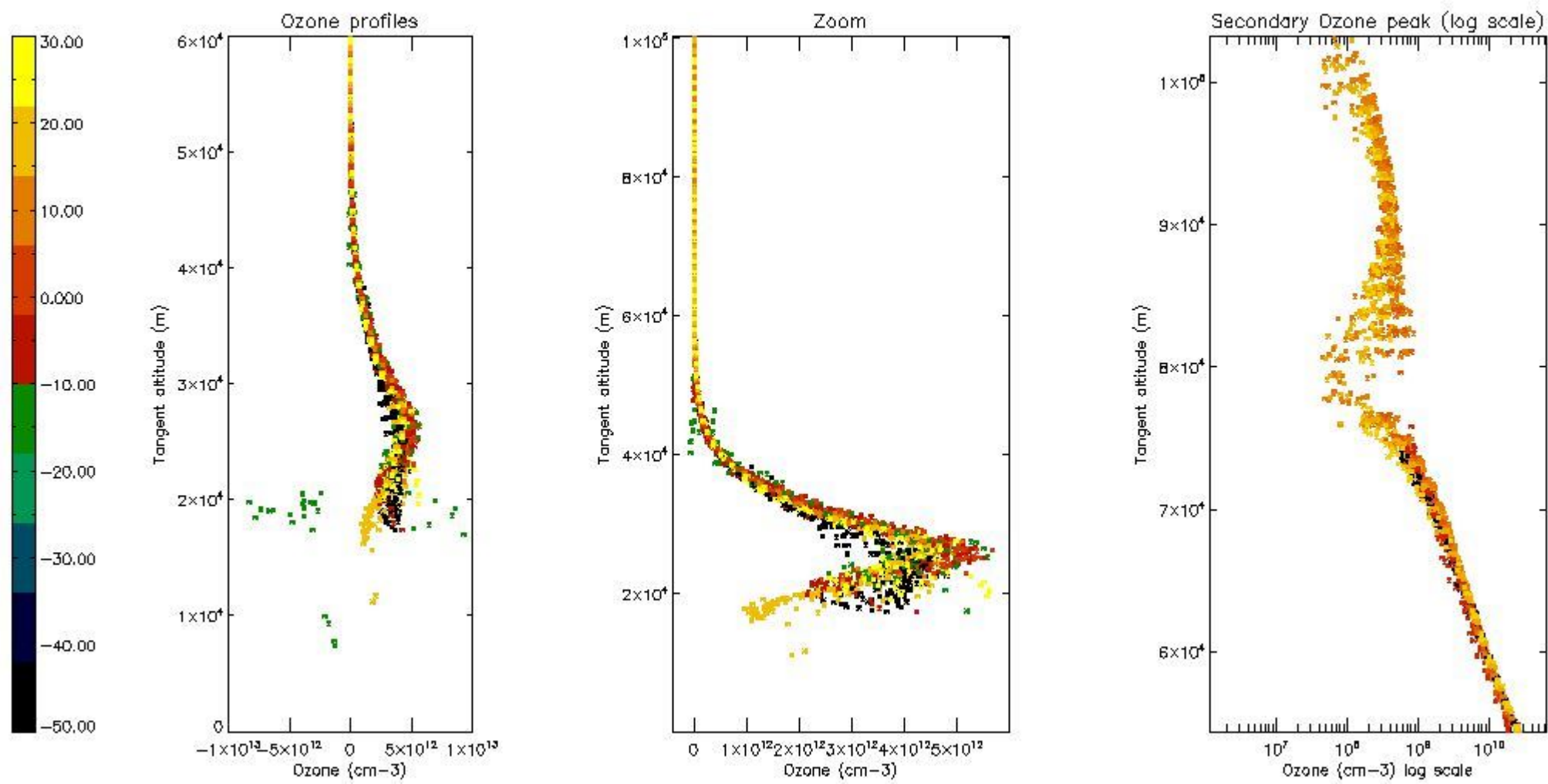
The colorbar represents the latitude.



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

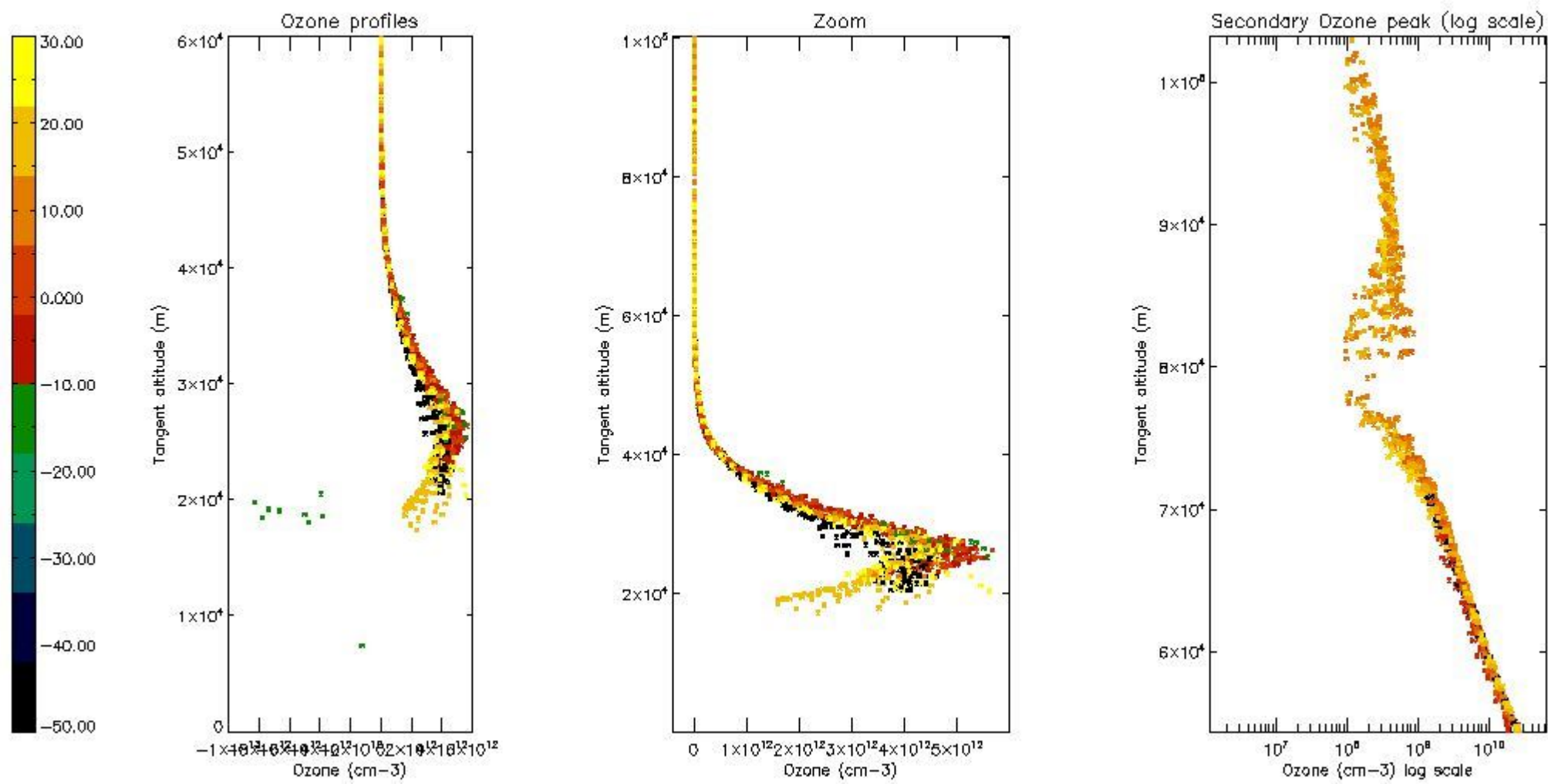
The colorbar represents the latitude.





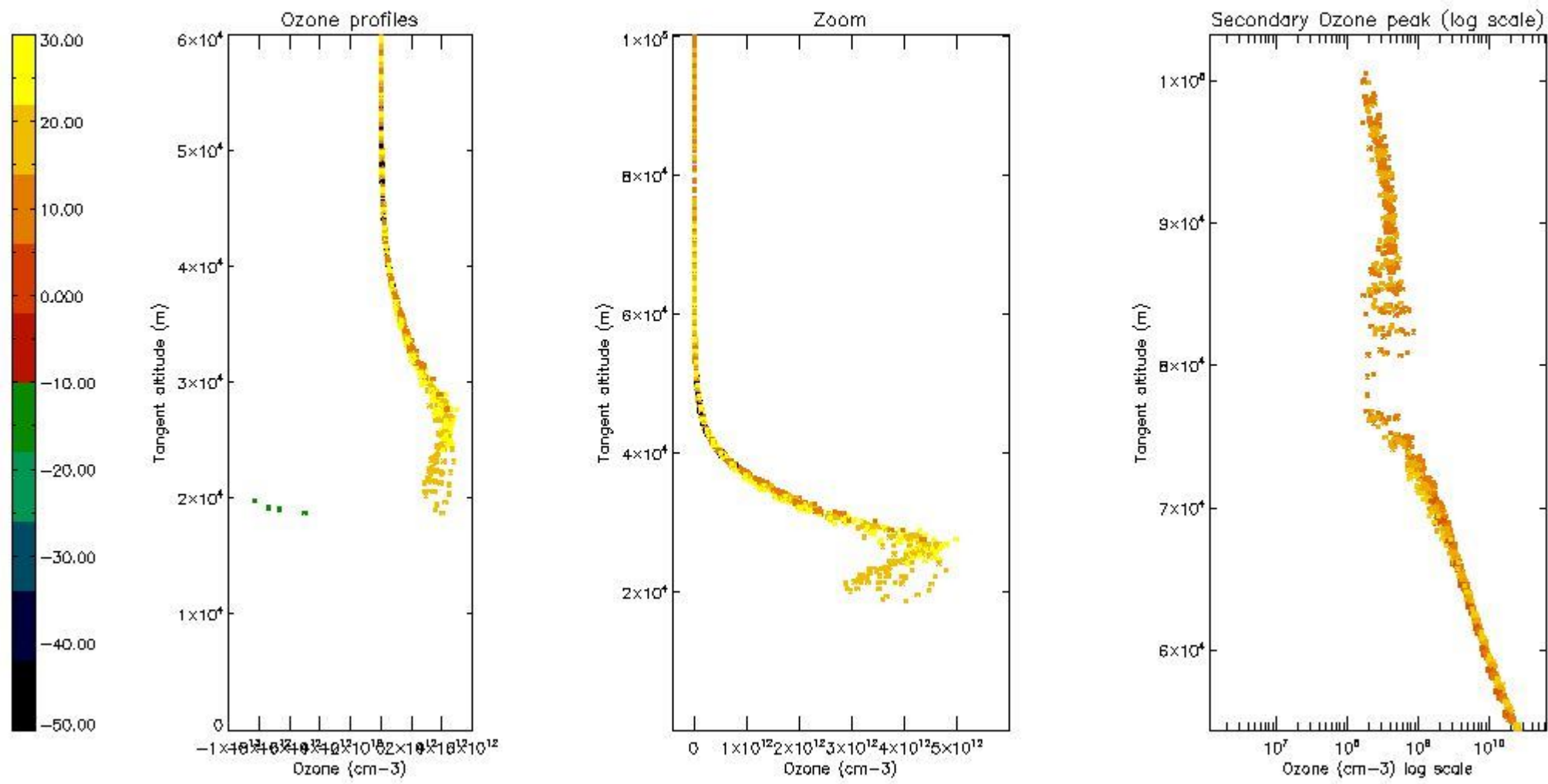
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

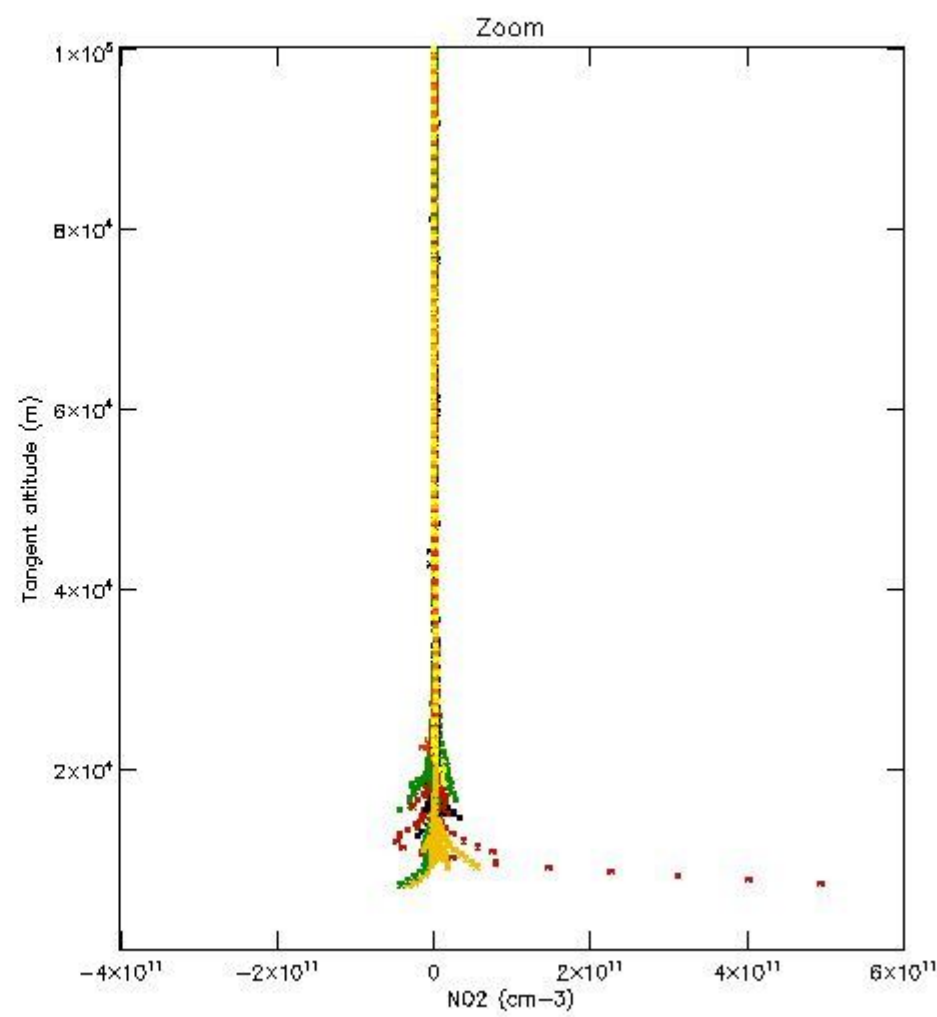
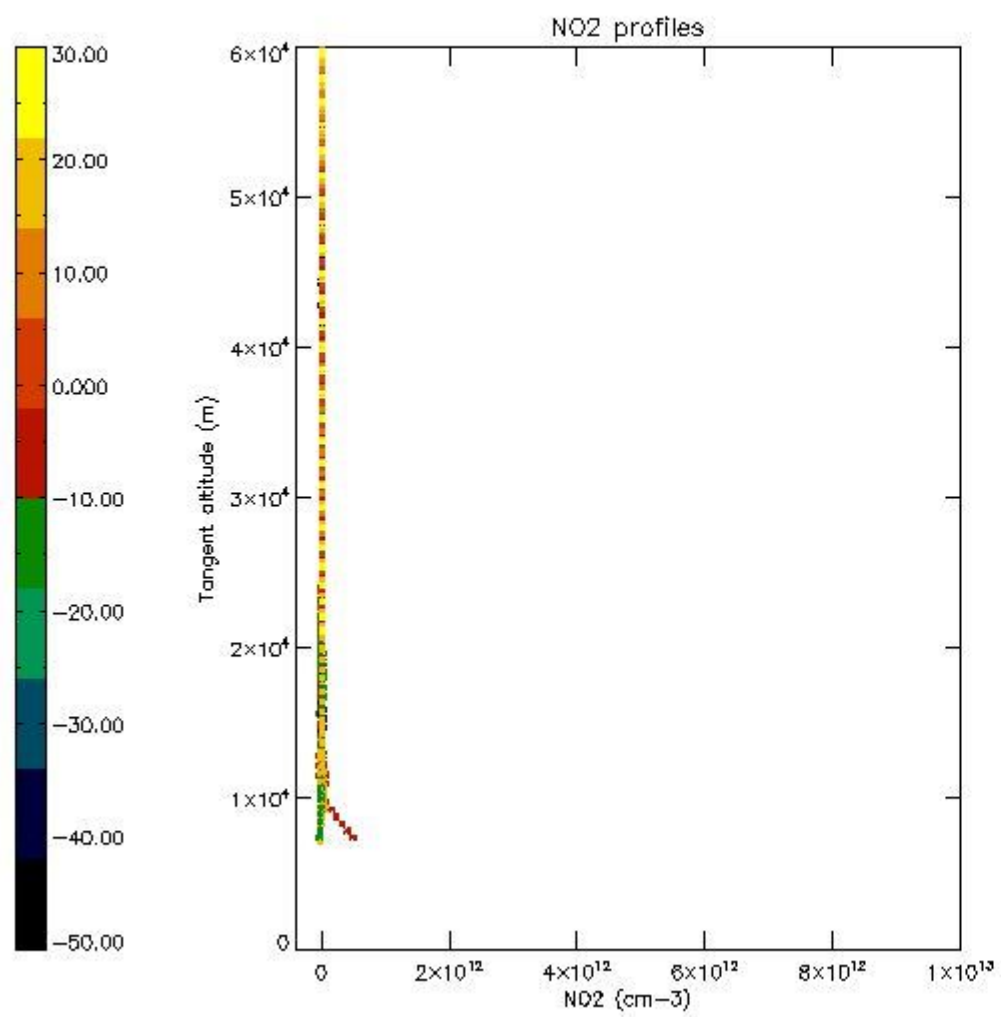
The colorbar represents the latitude.



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

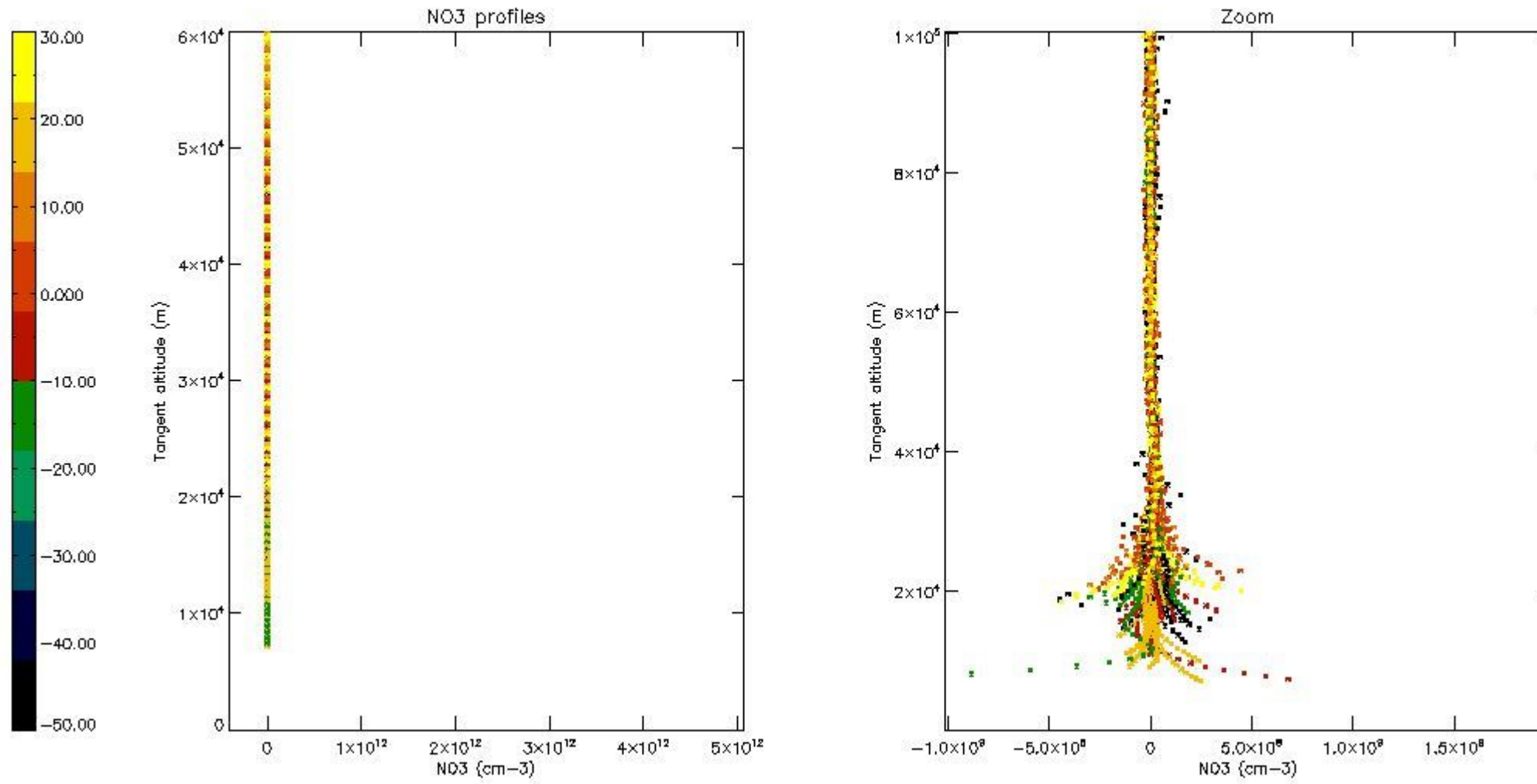
The colorbar represents the latitude.





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

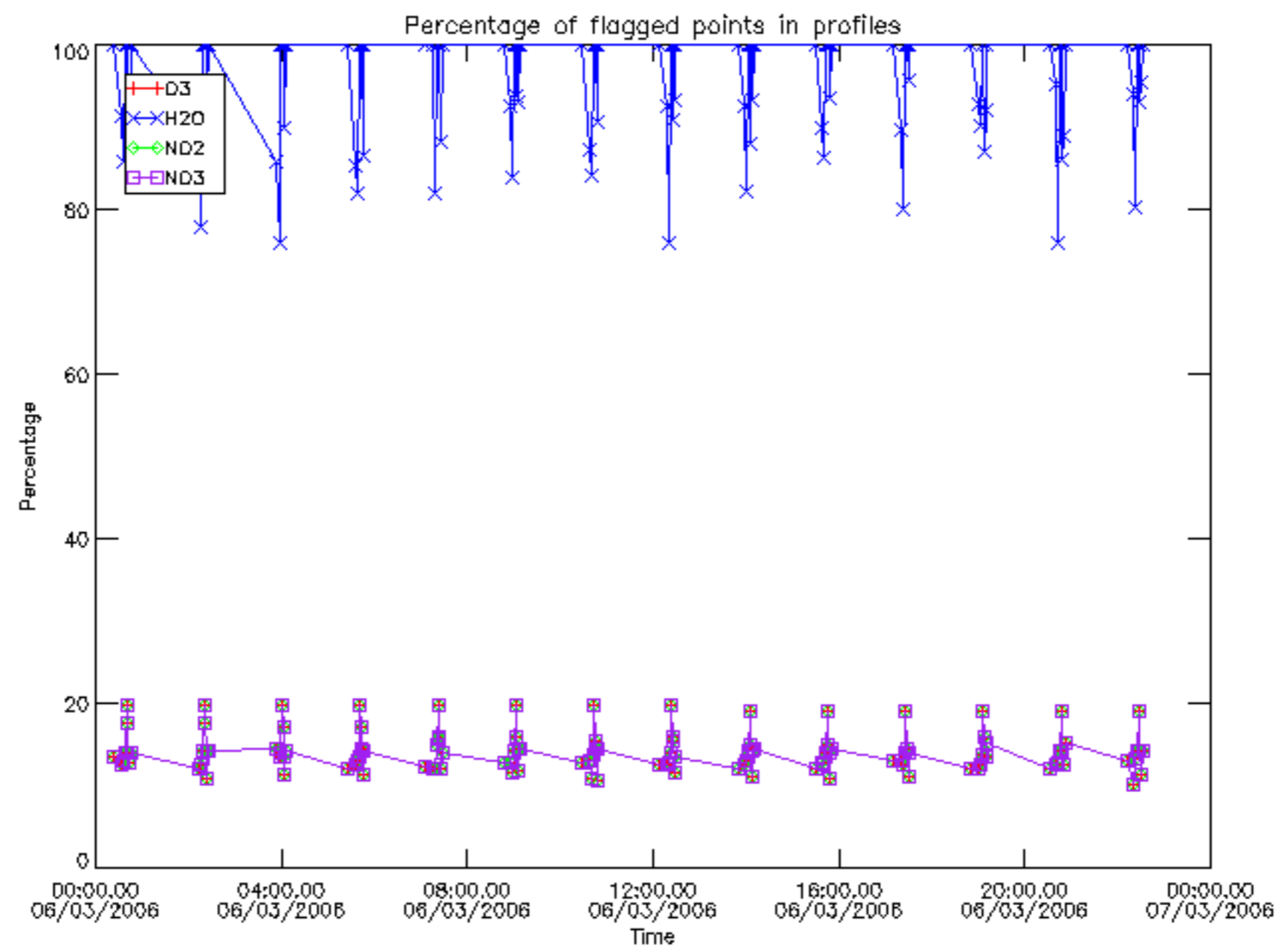
The colorbar represents the latitude.



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

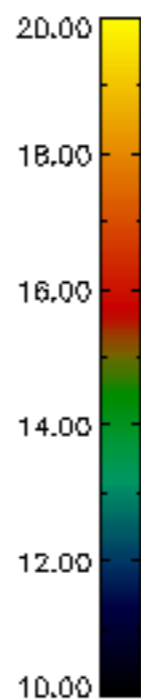
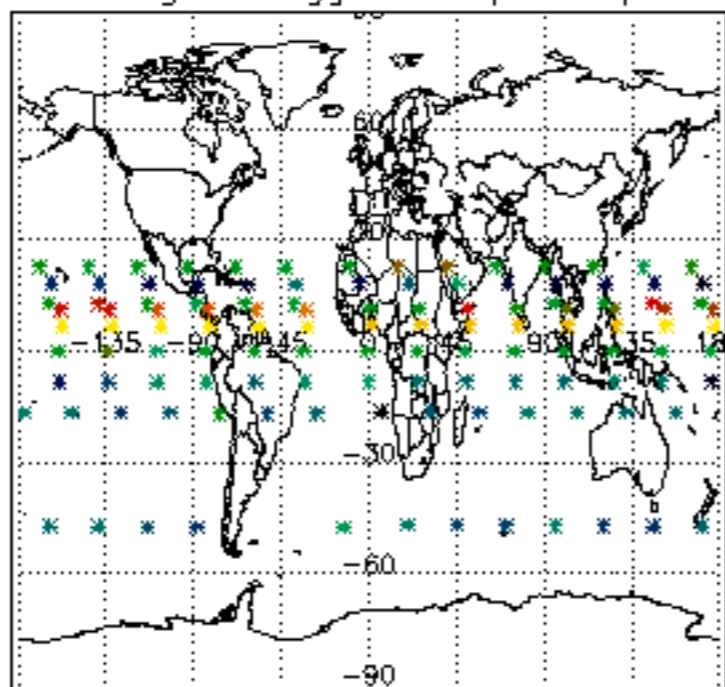
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	06-MAR-2006 00:01:12
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-MAR-2006 00:01:12
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-MAR-2006 00:01:12

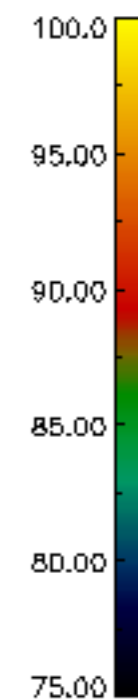
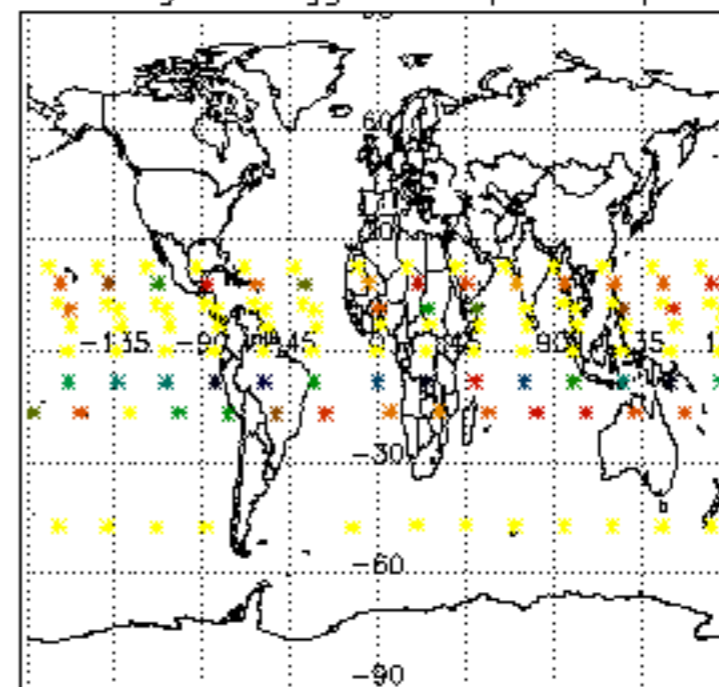




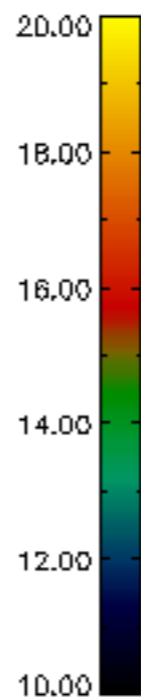
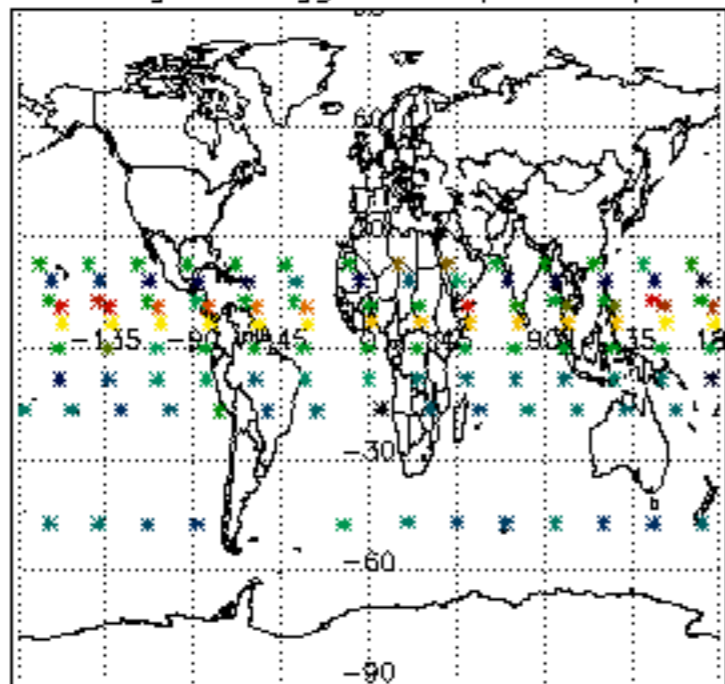
Percentage of flagged data per D3 profile



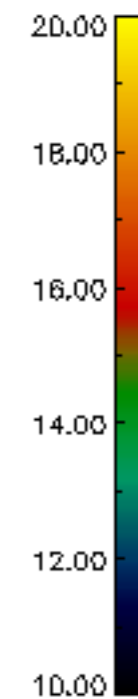
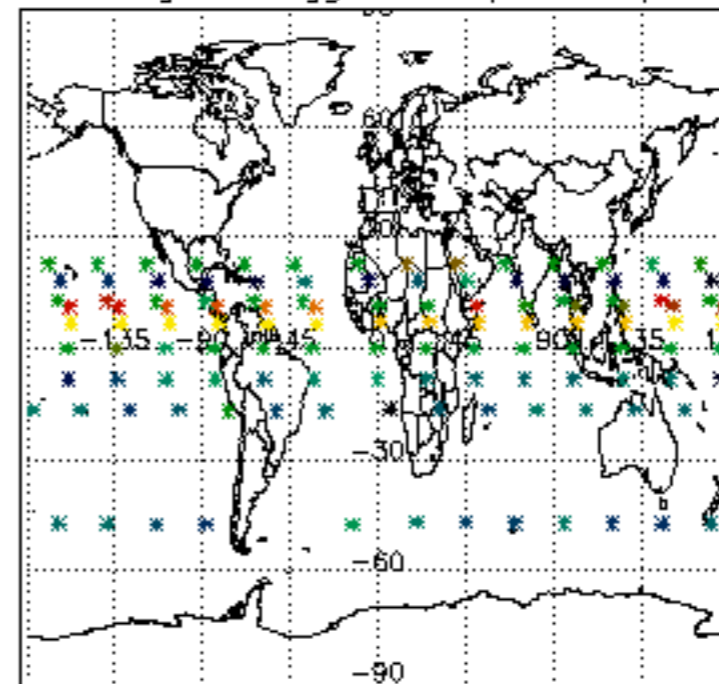
Percentage of flagged data per H2O profile

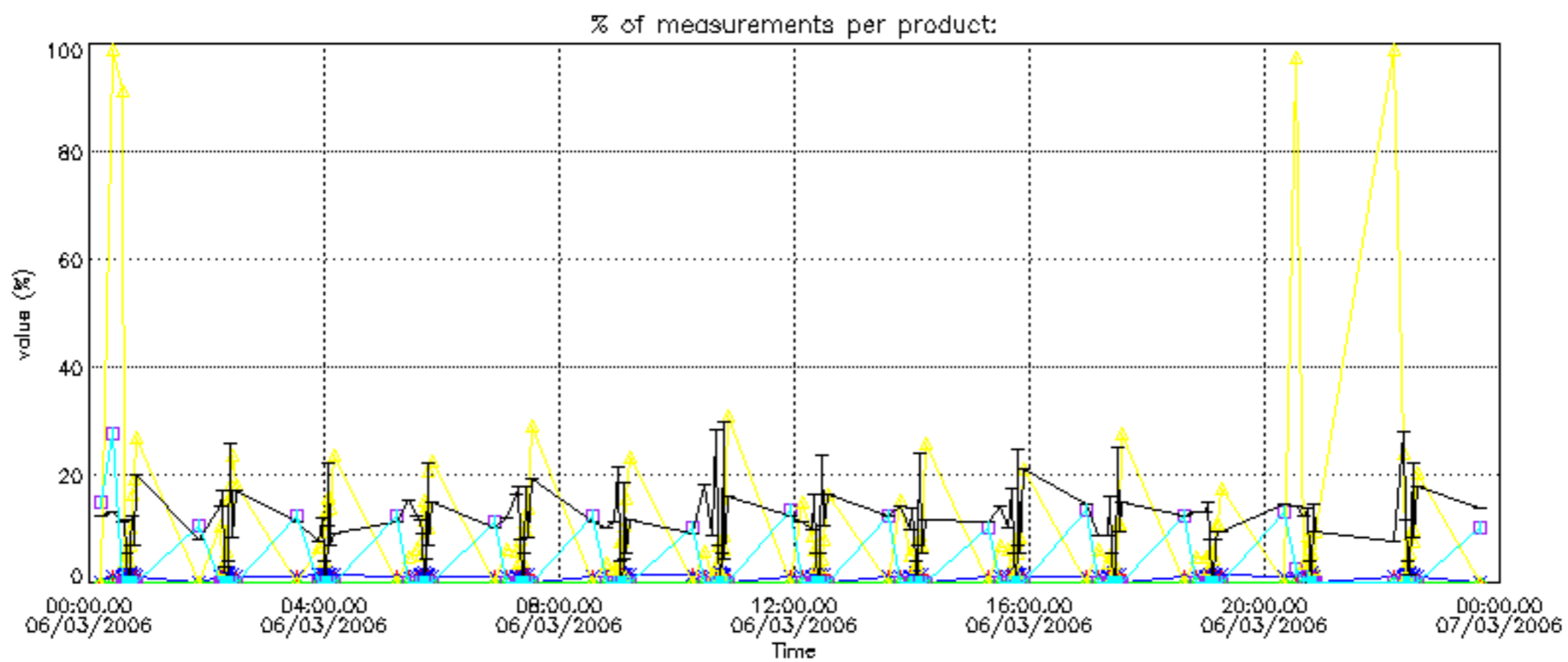


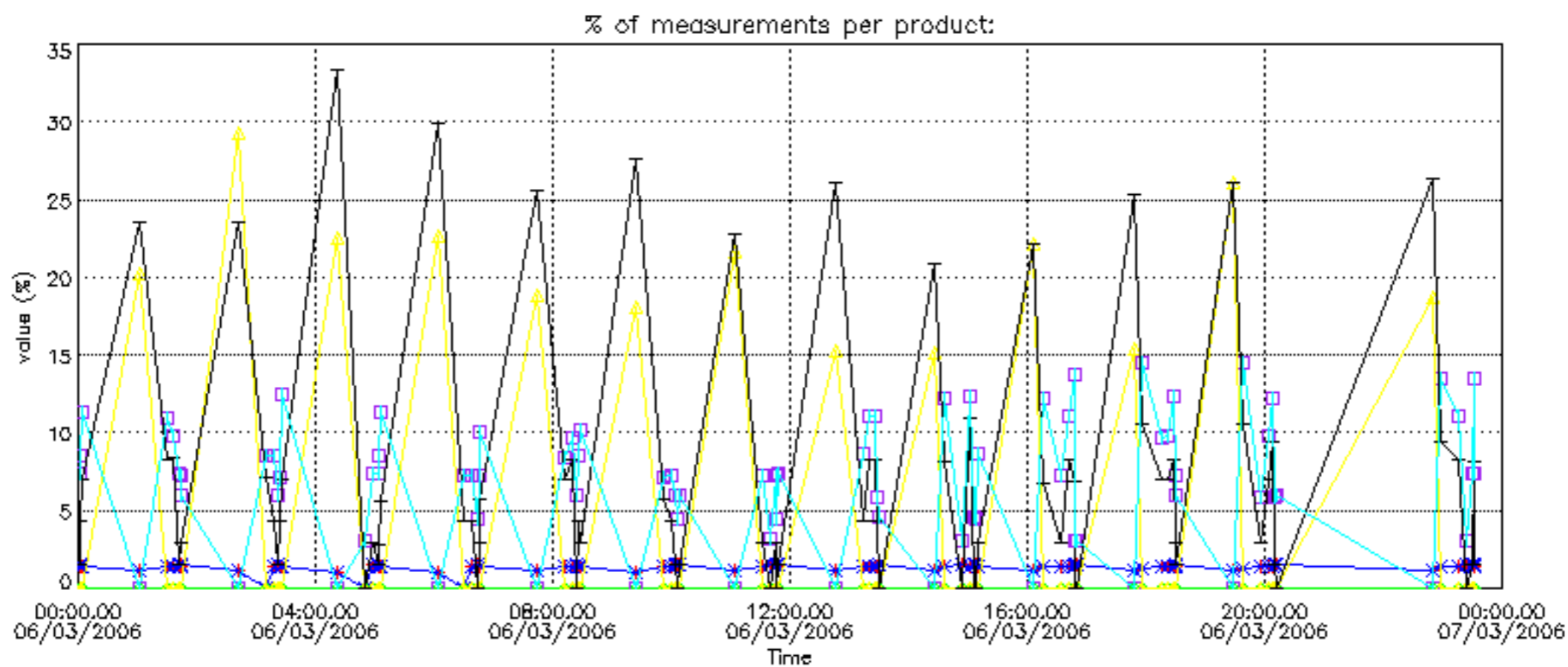
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

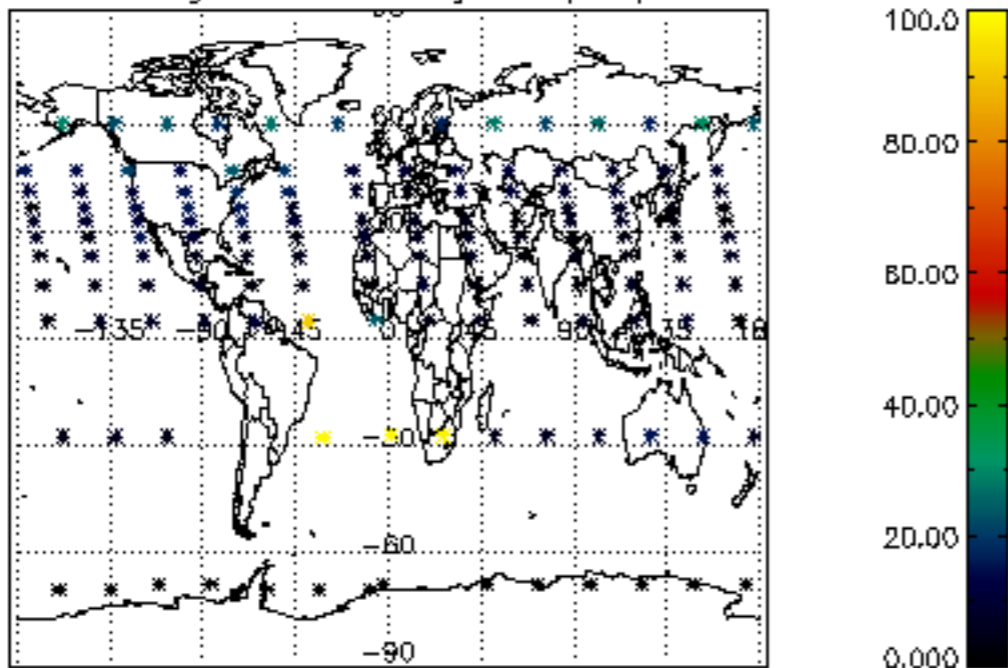




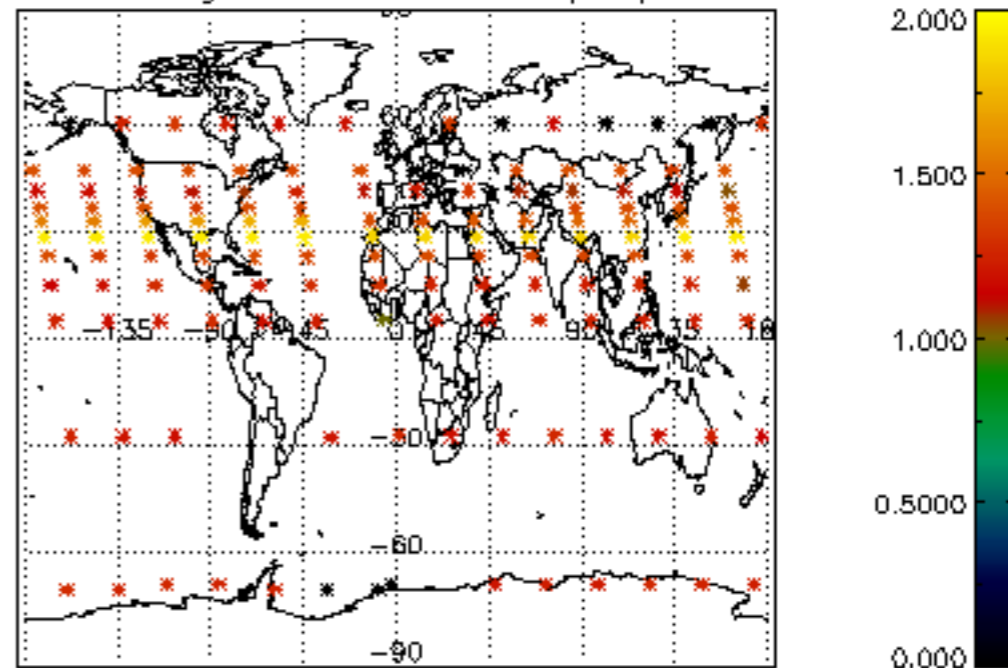




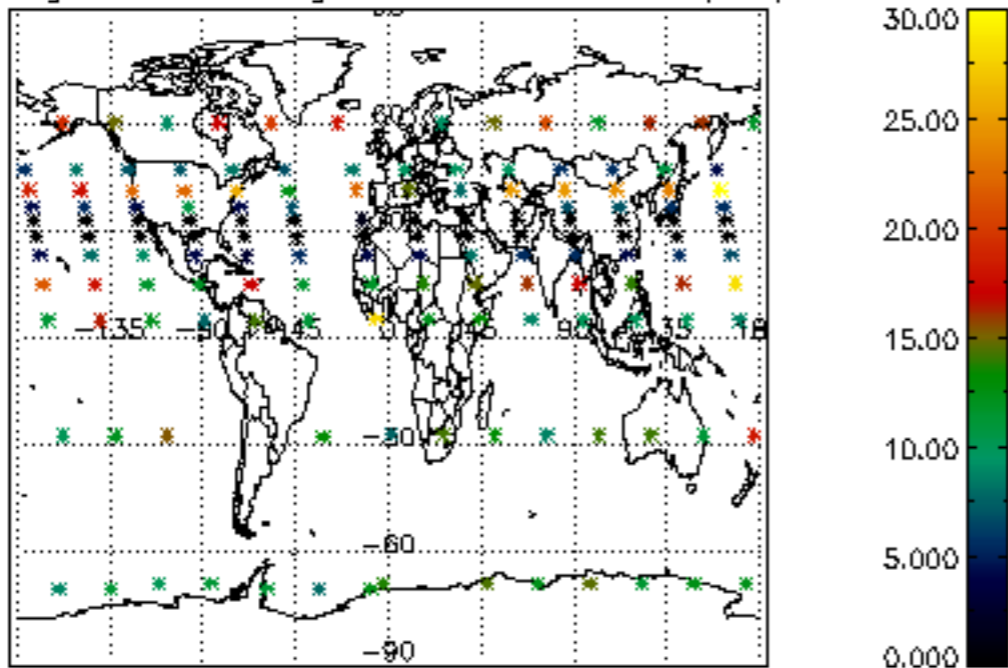
Percentage of cosmic ray hits per profile



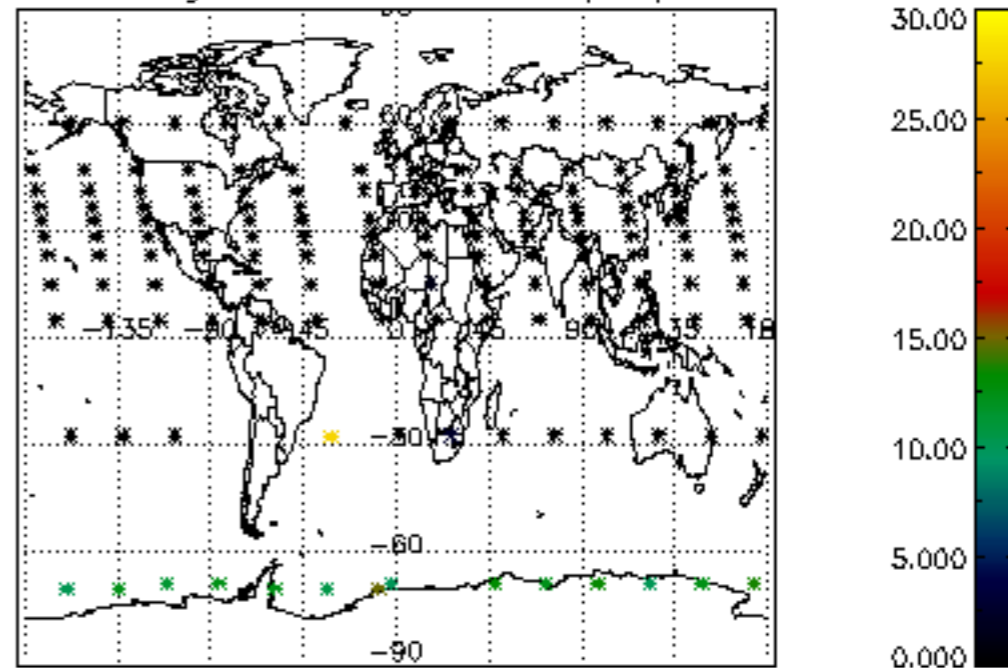
Percentage of datation errors per profile



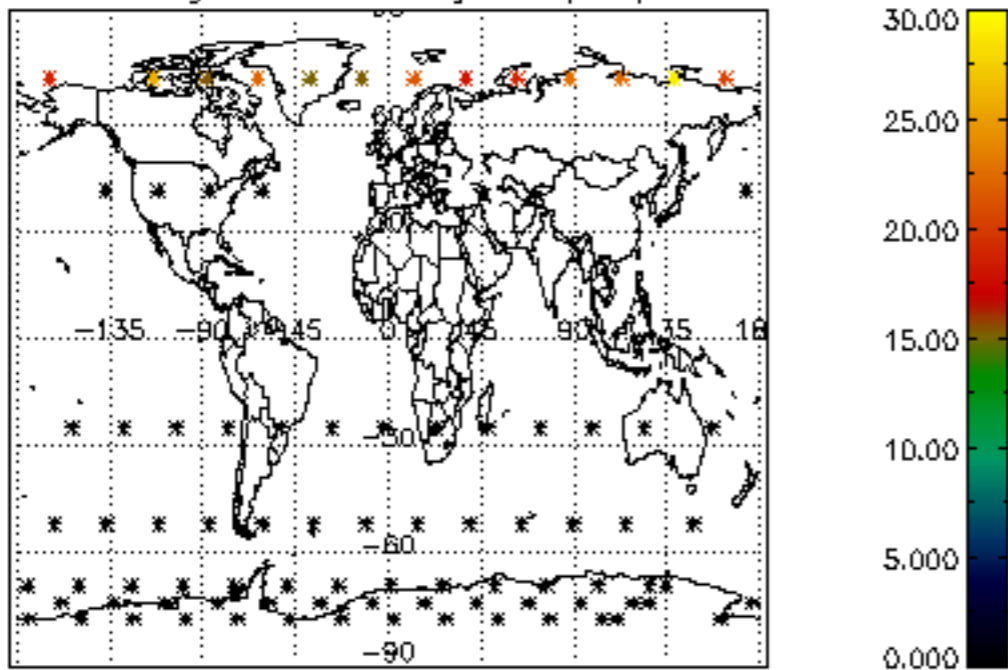
Percentage of star falling outside central band per profile



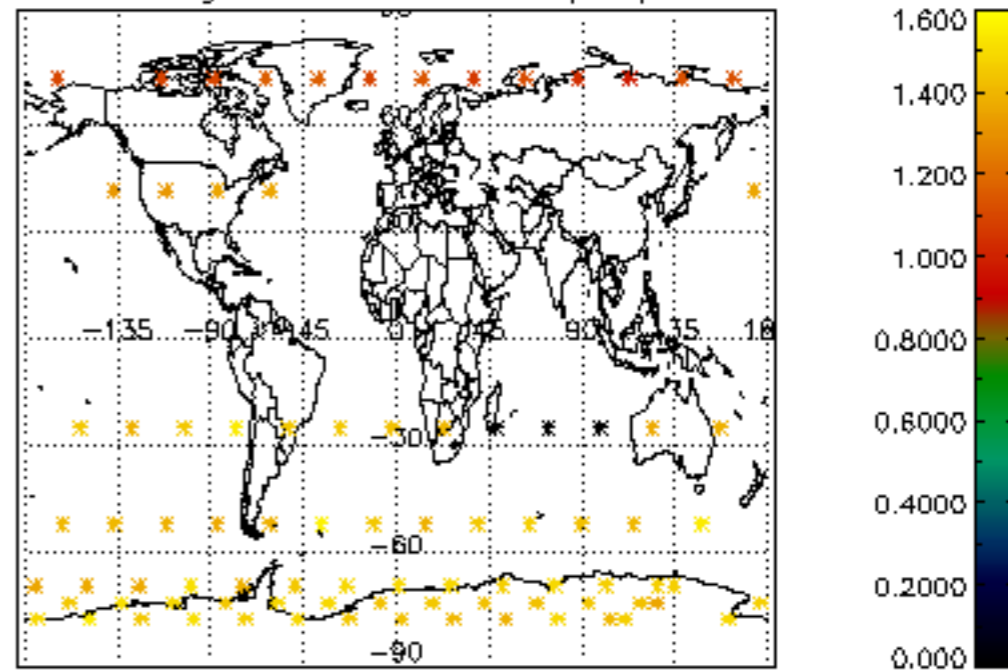
Percentage of saturation errors per profile



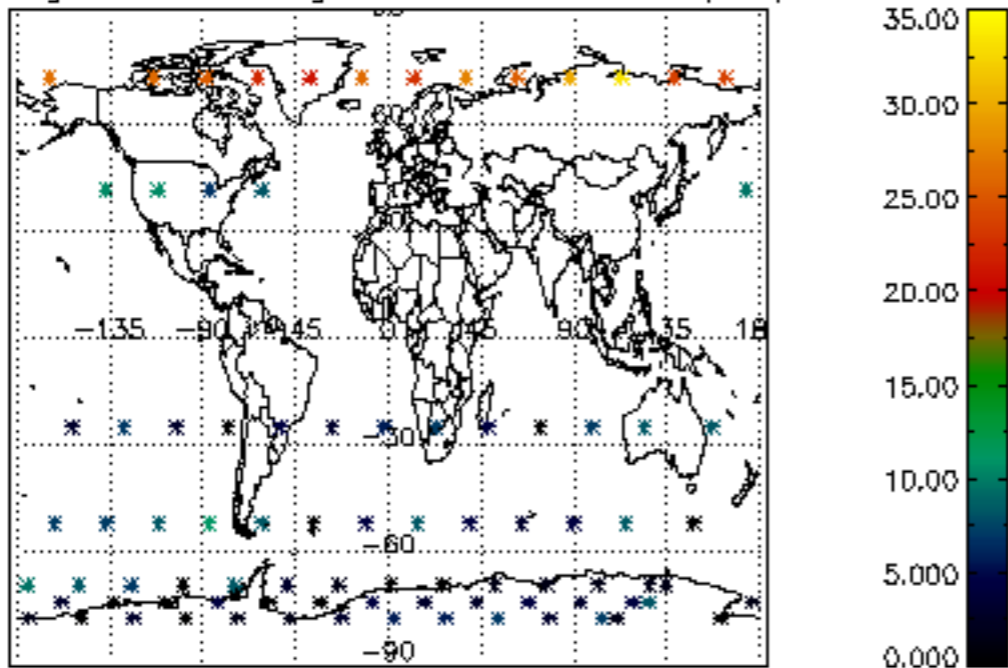
Percentage of cosmic ray hits per profile



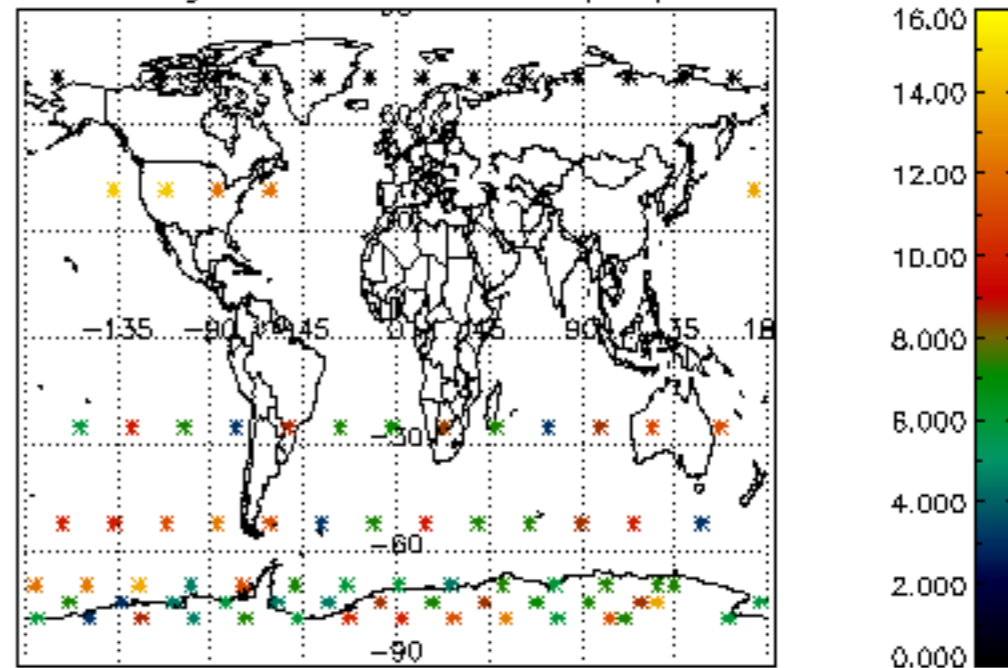
Percentage of datation errors per profile

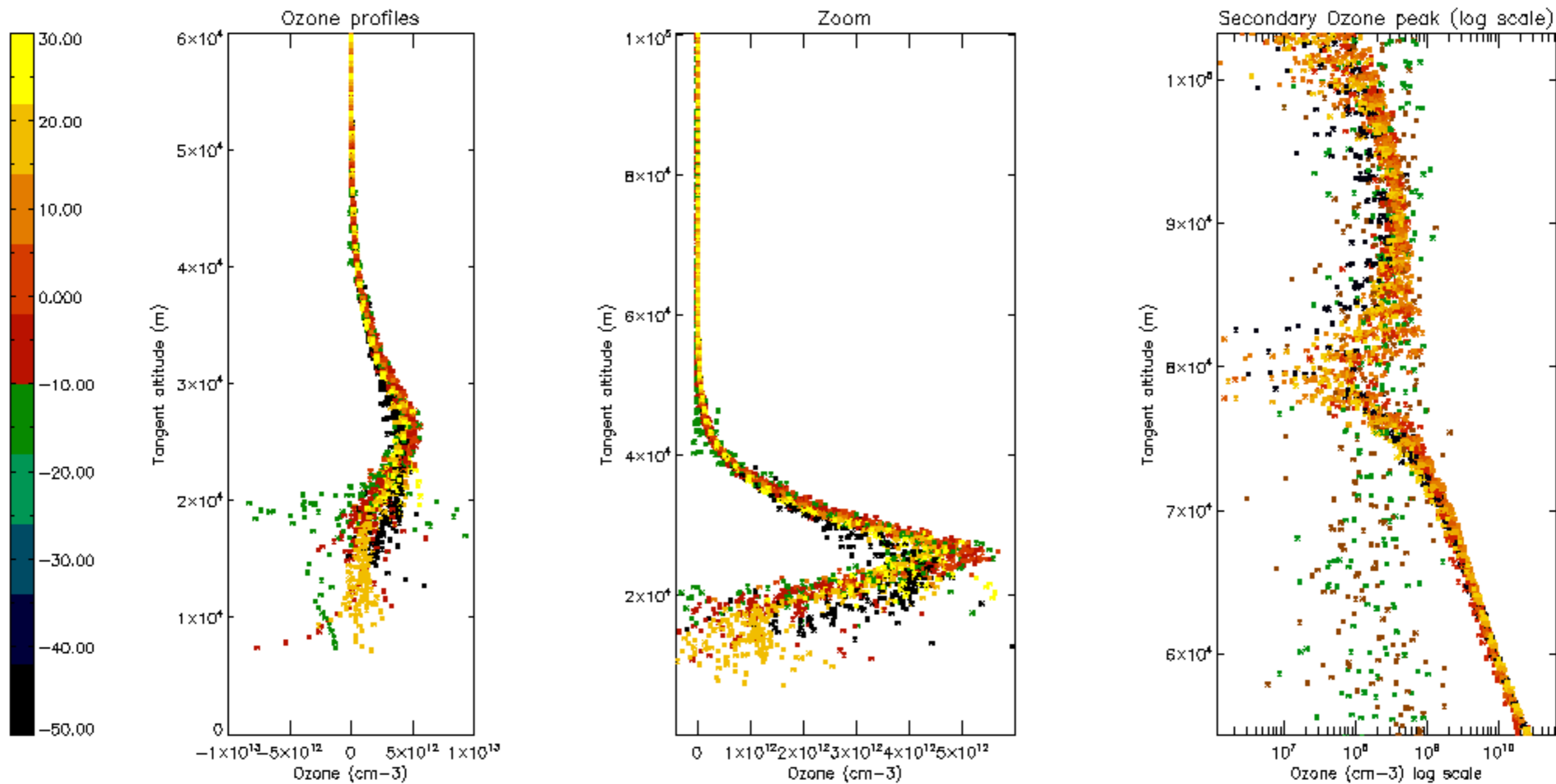


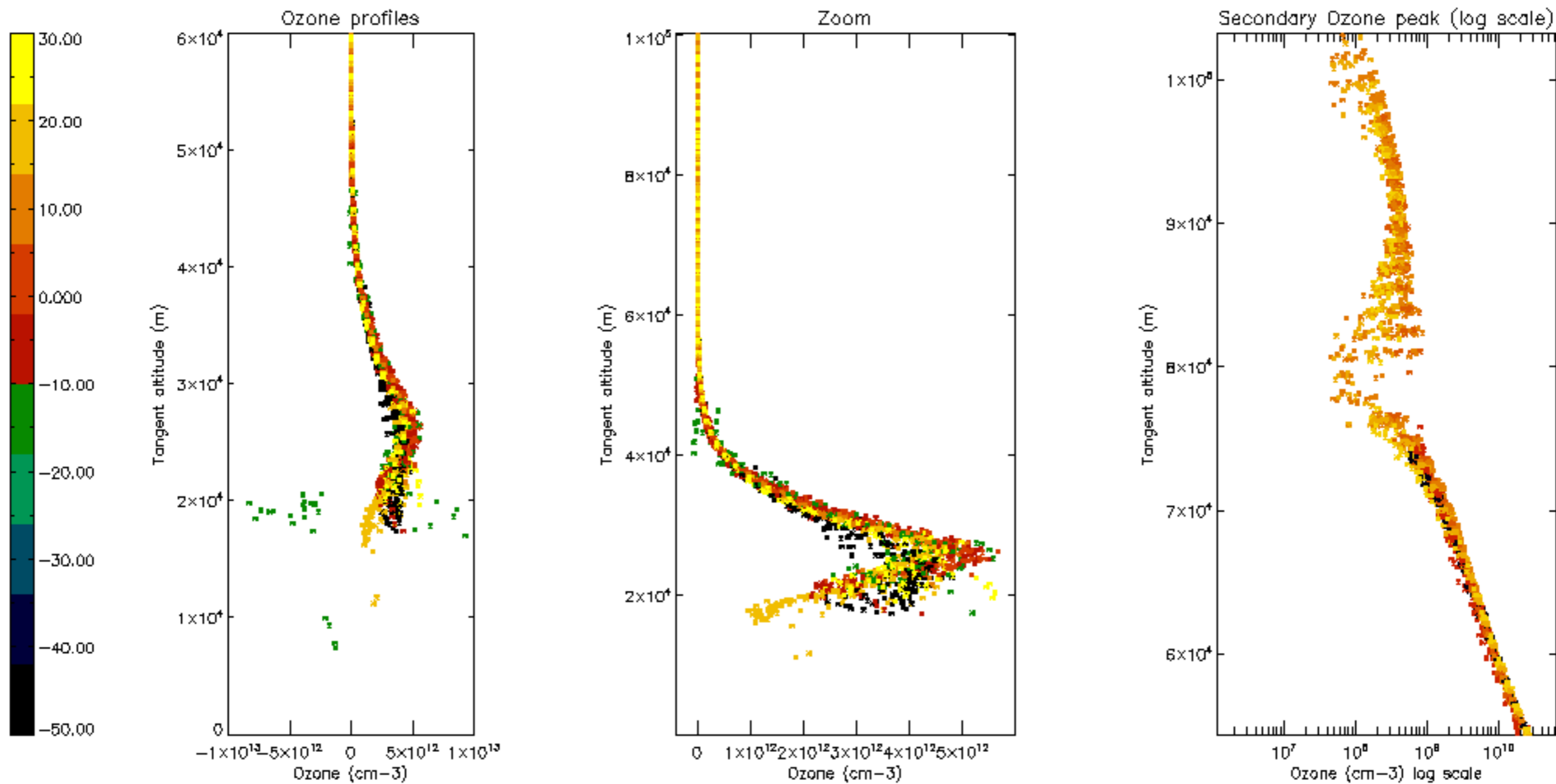
Percentage of star falling outside central band per profile



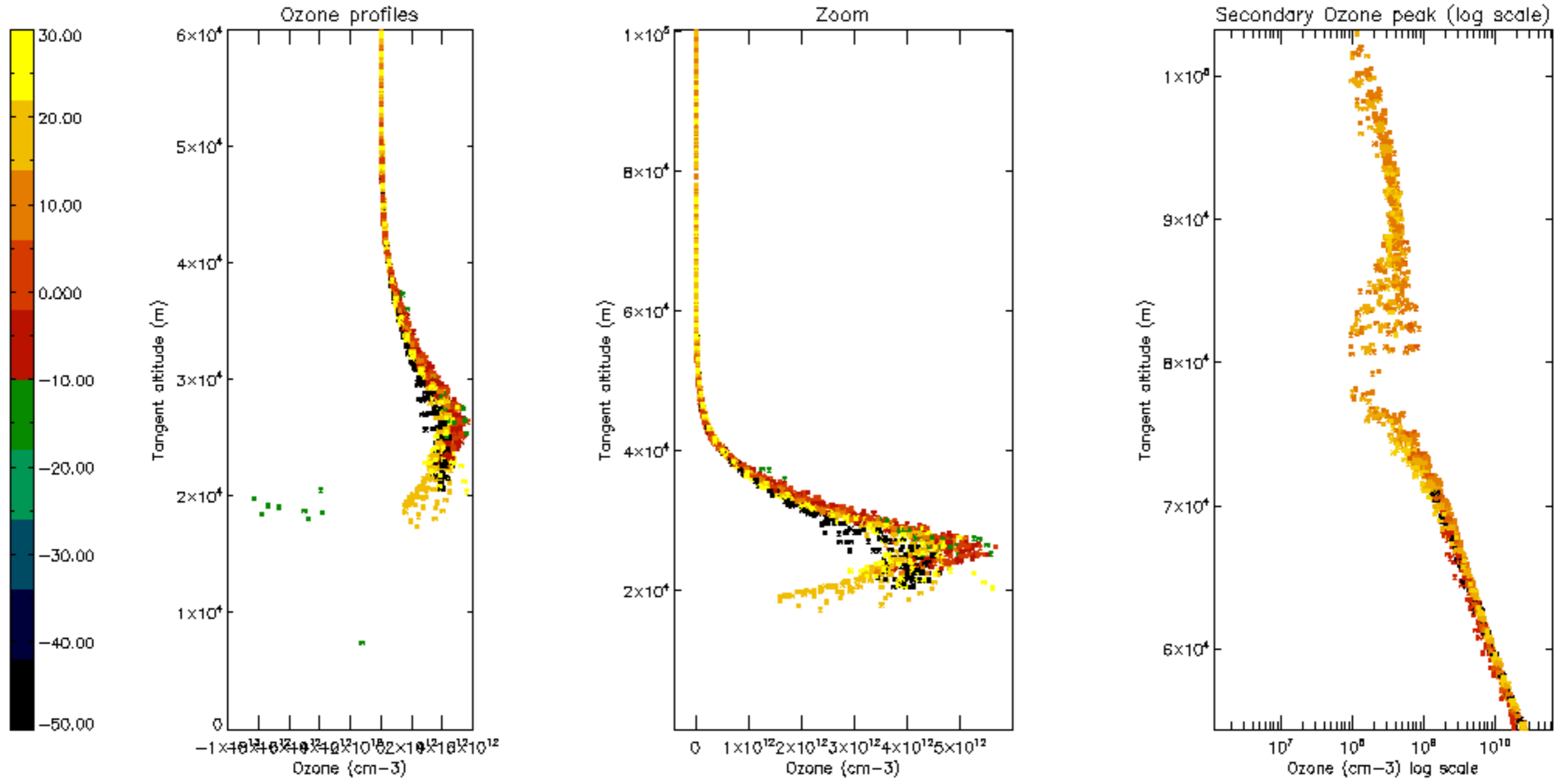
Percentage of saturation errors per profile

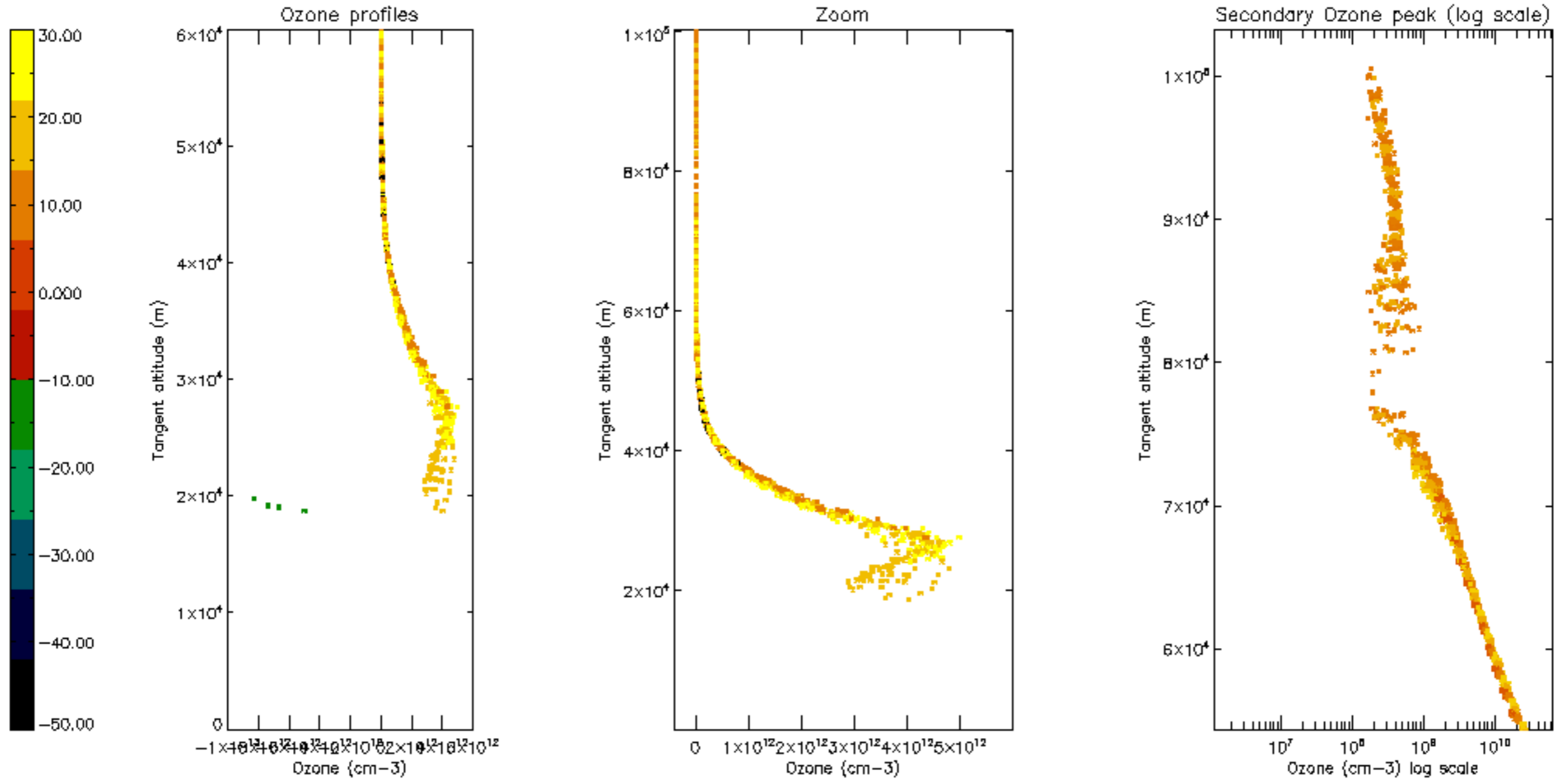


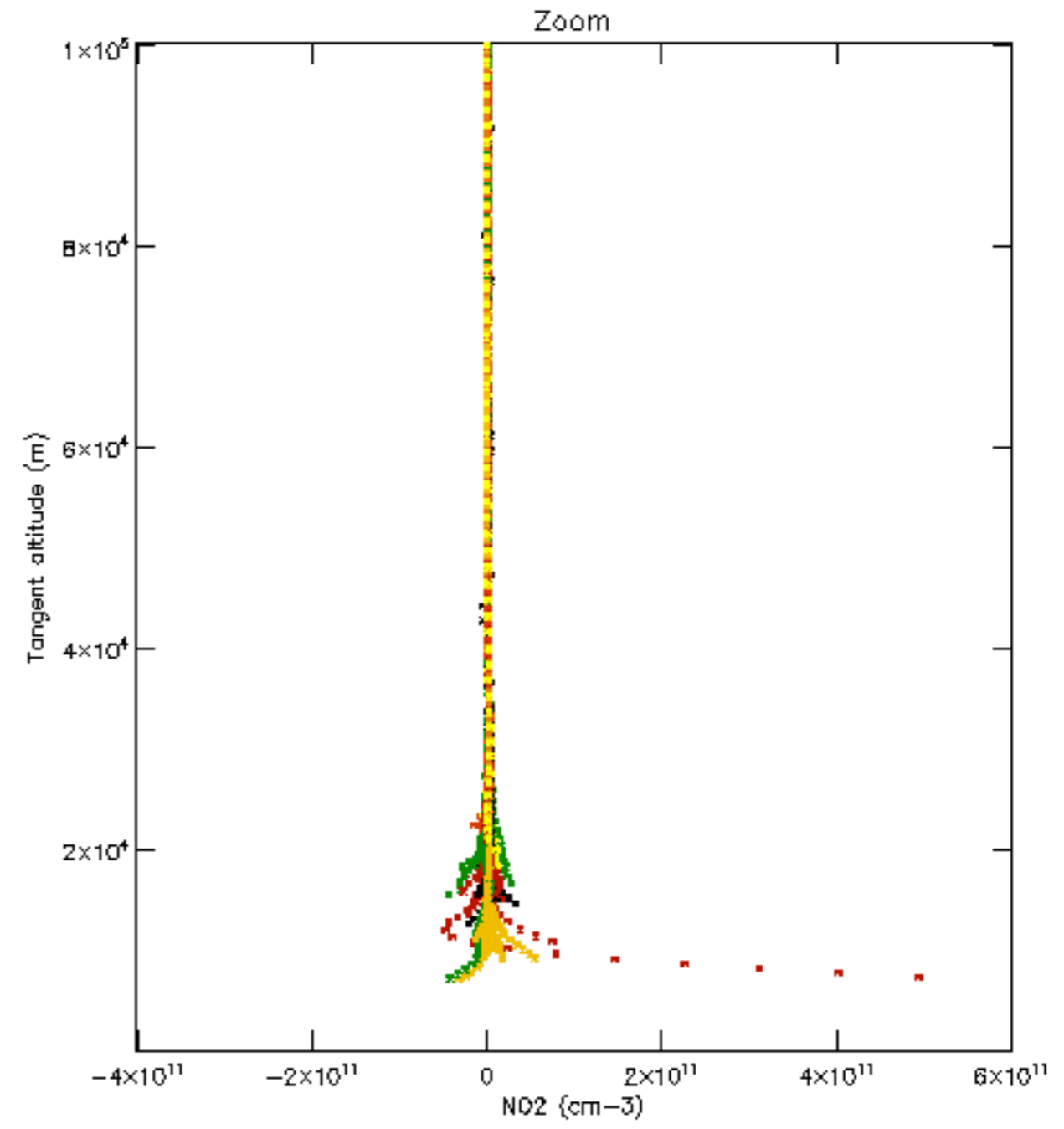
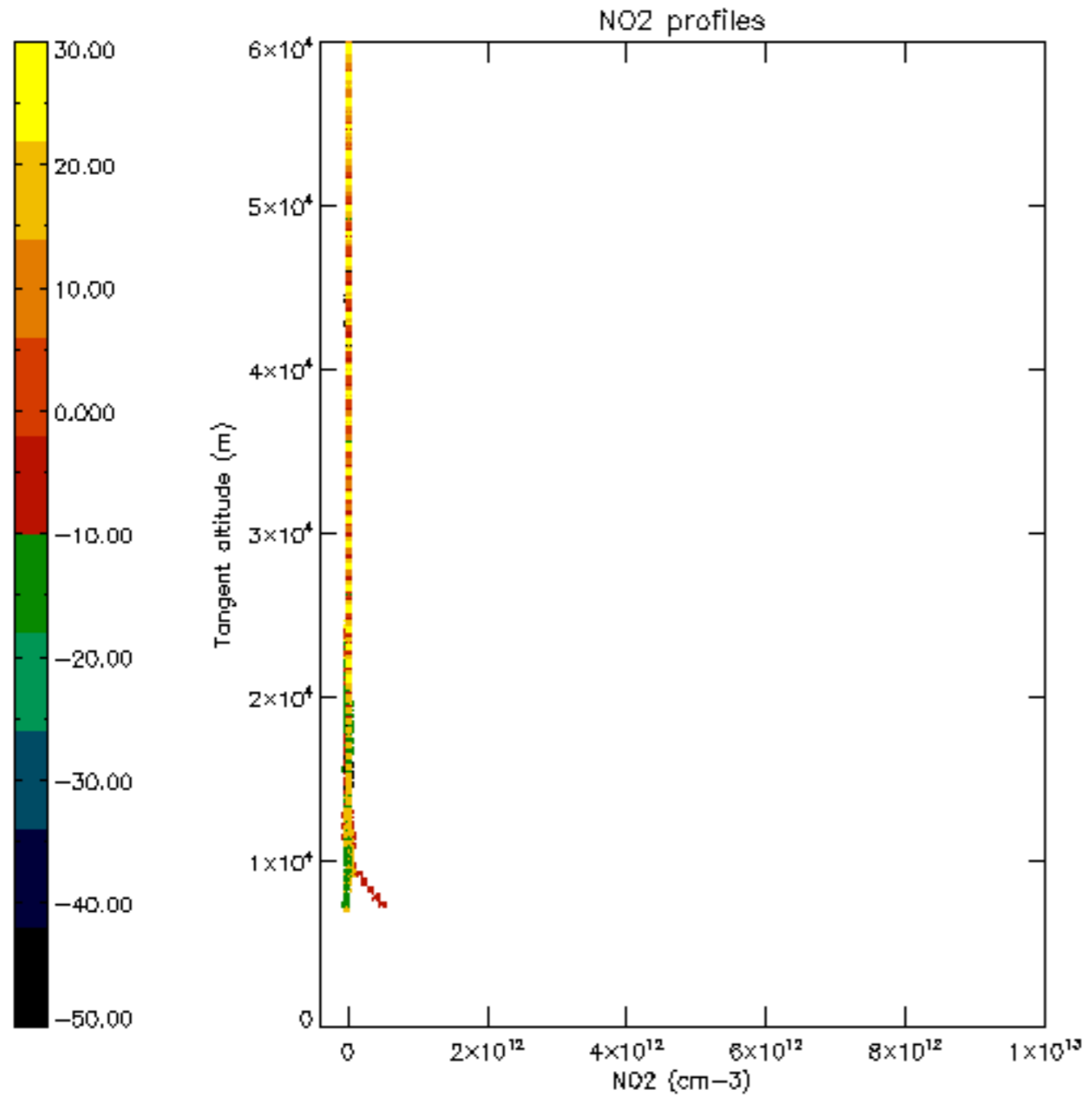


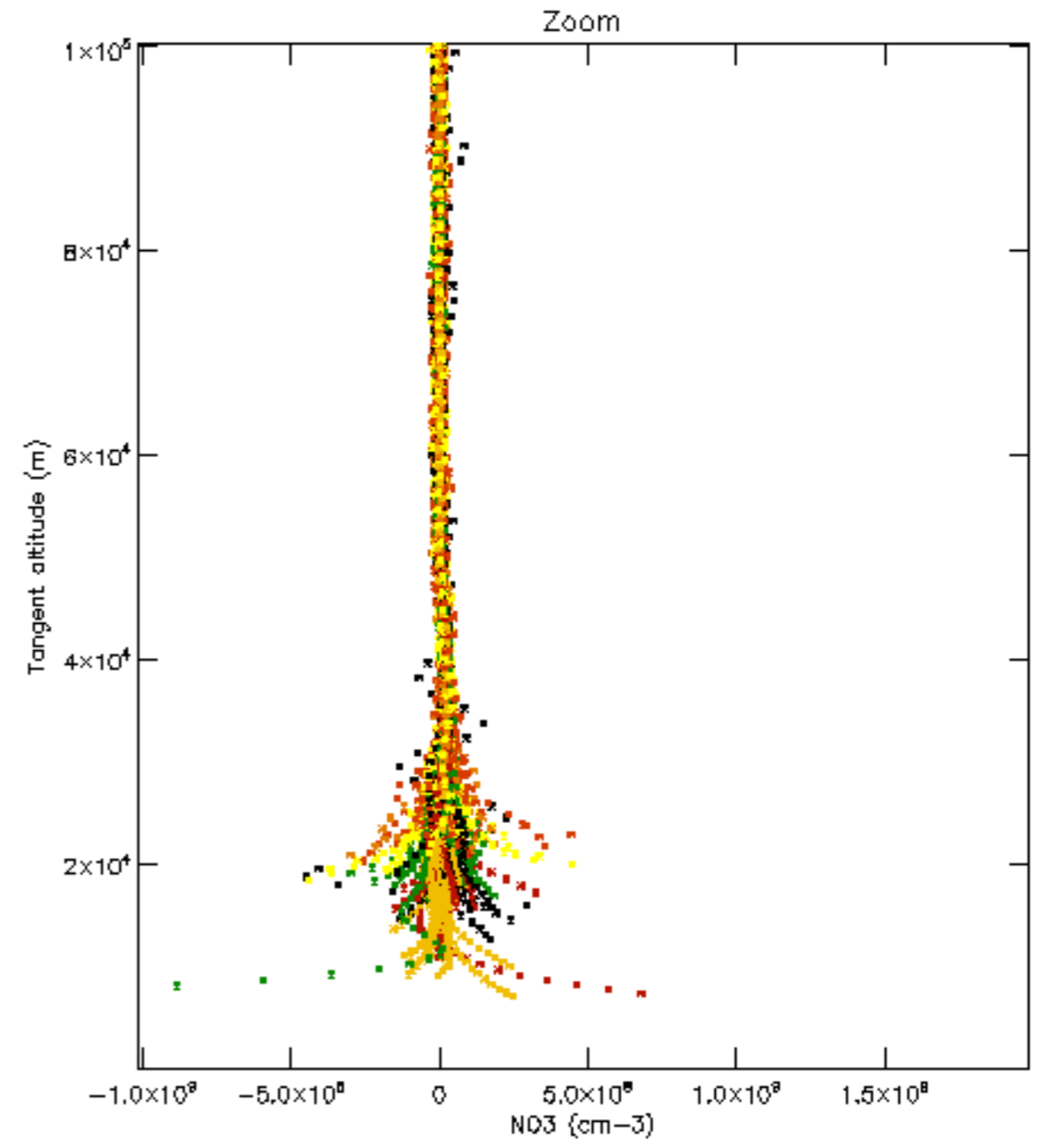
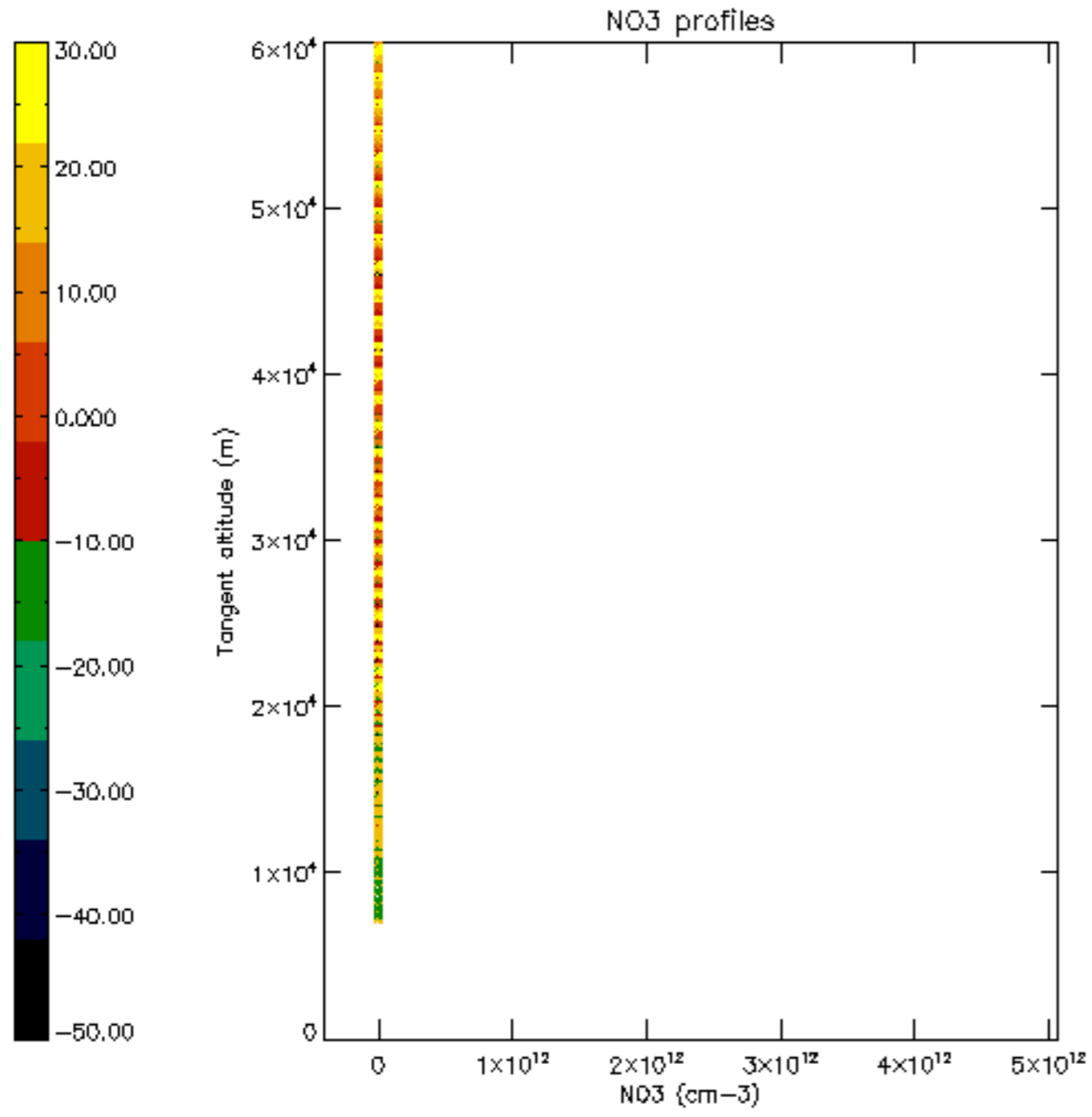




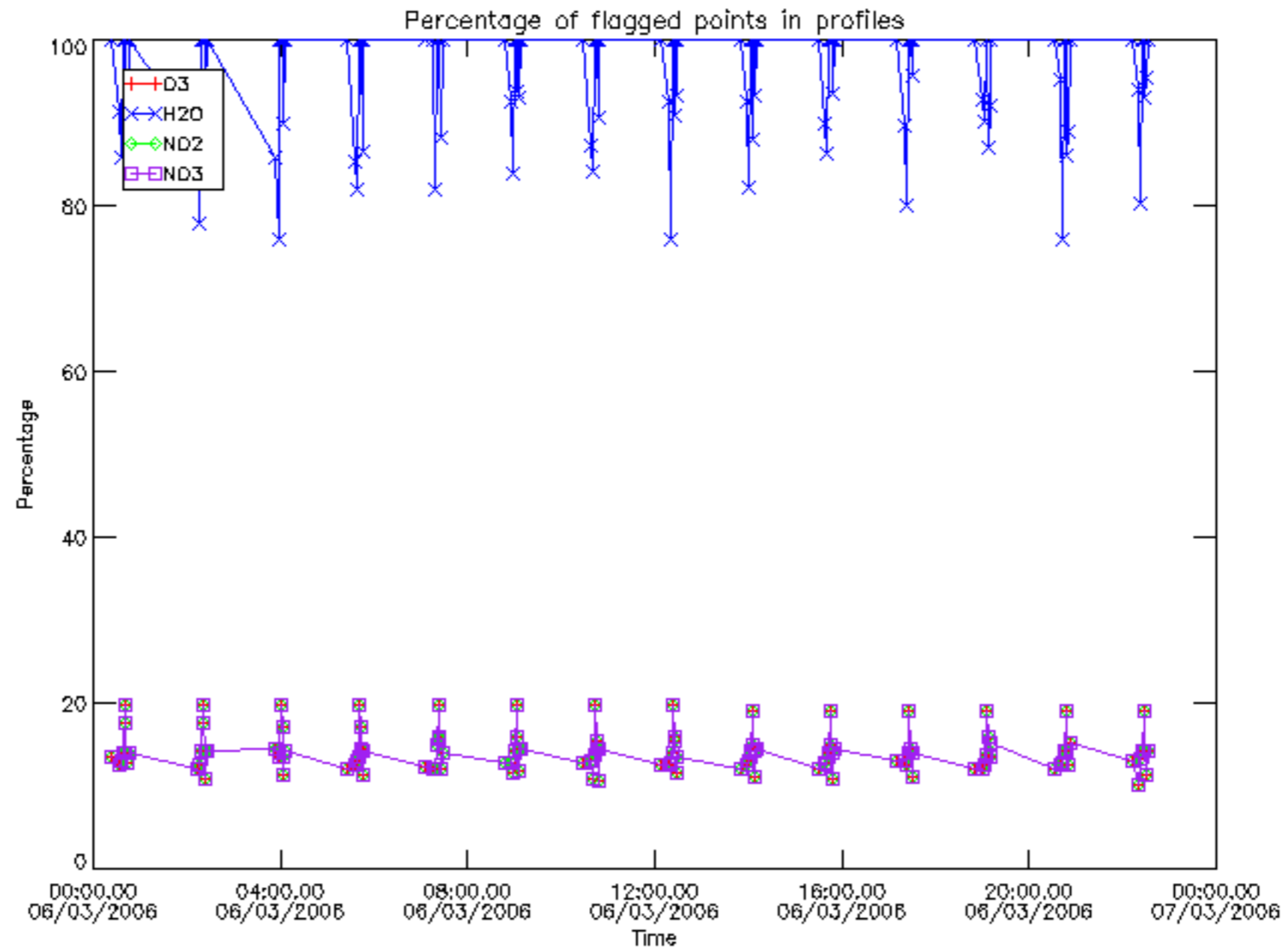




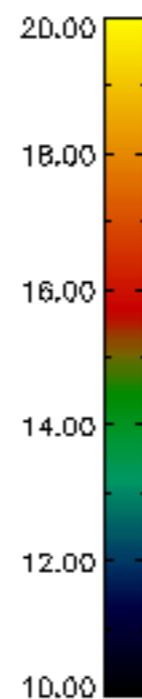
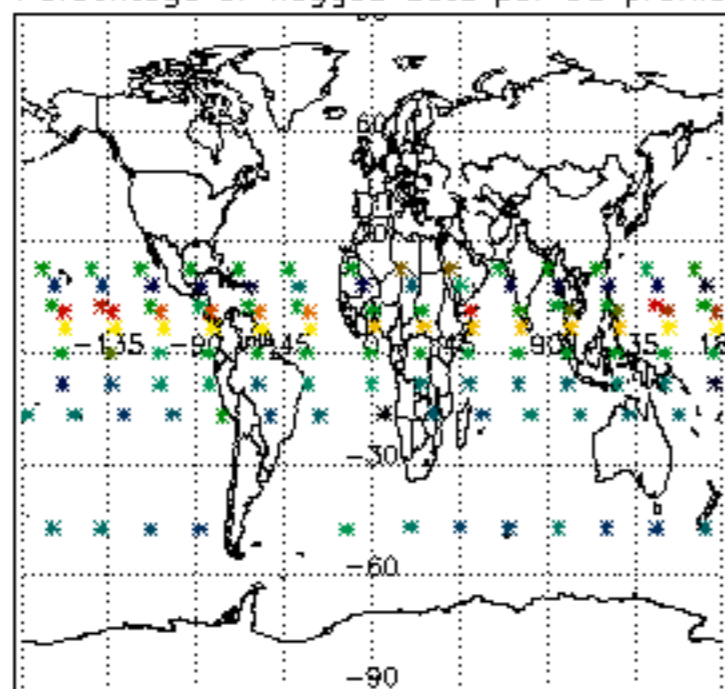




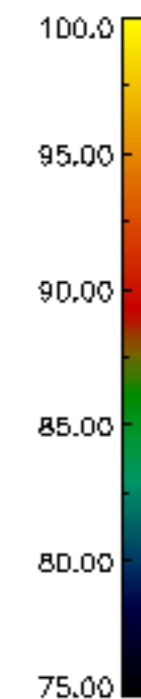
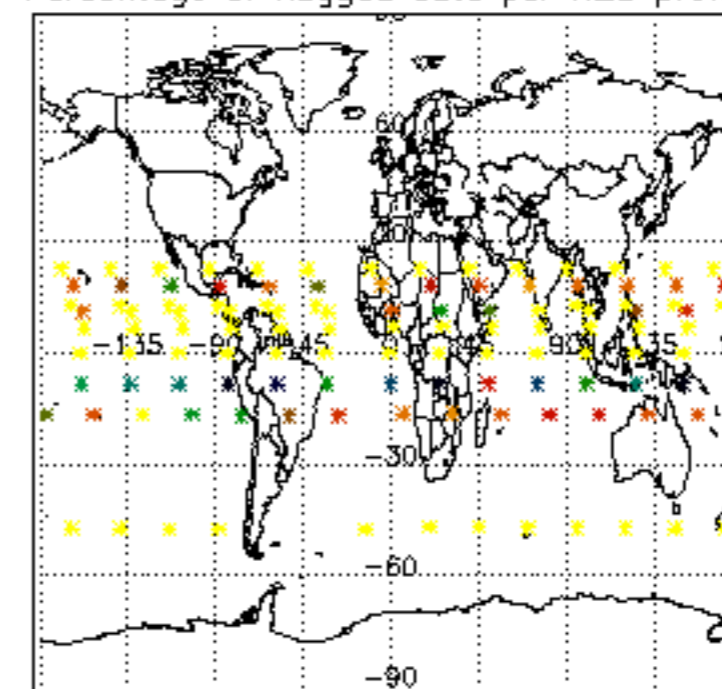




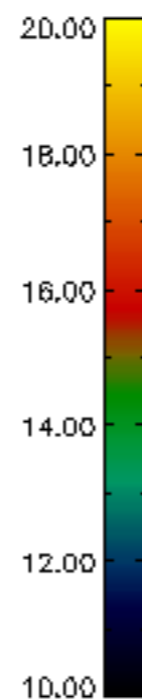
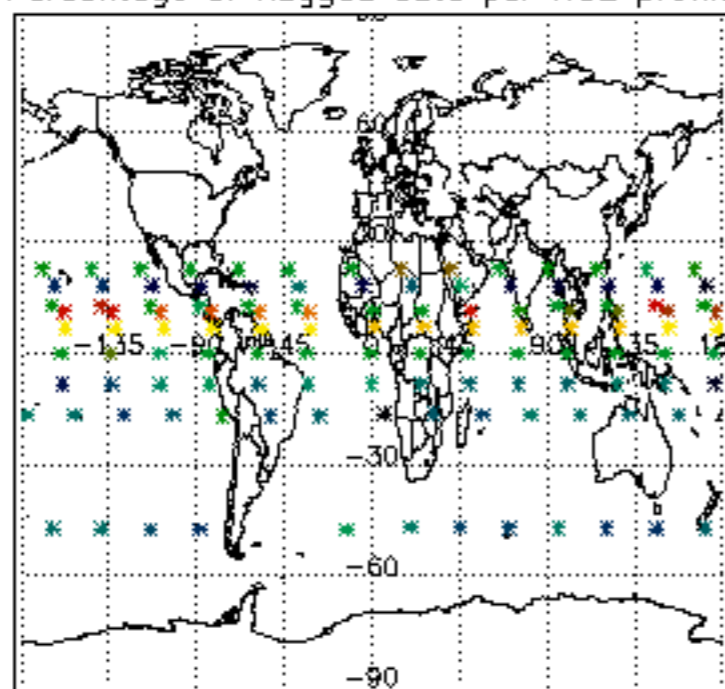
Percentage of flagged data per D3 profile



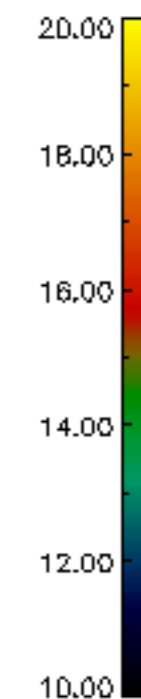
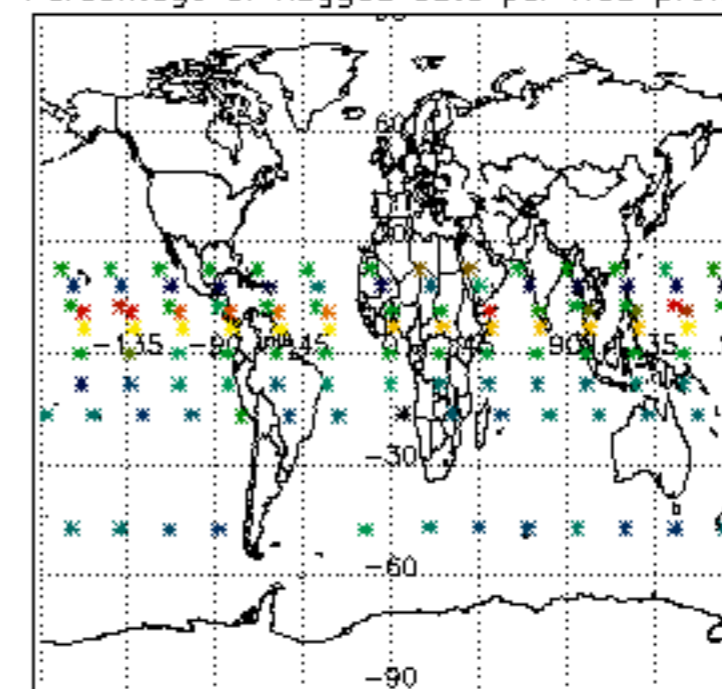
Percentage of flagged data per H2O profile

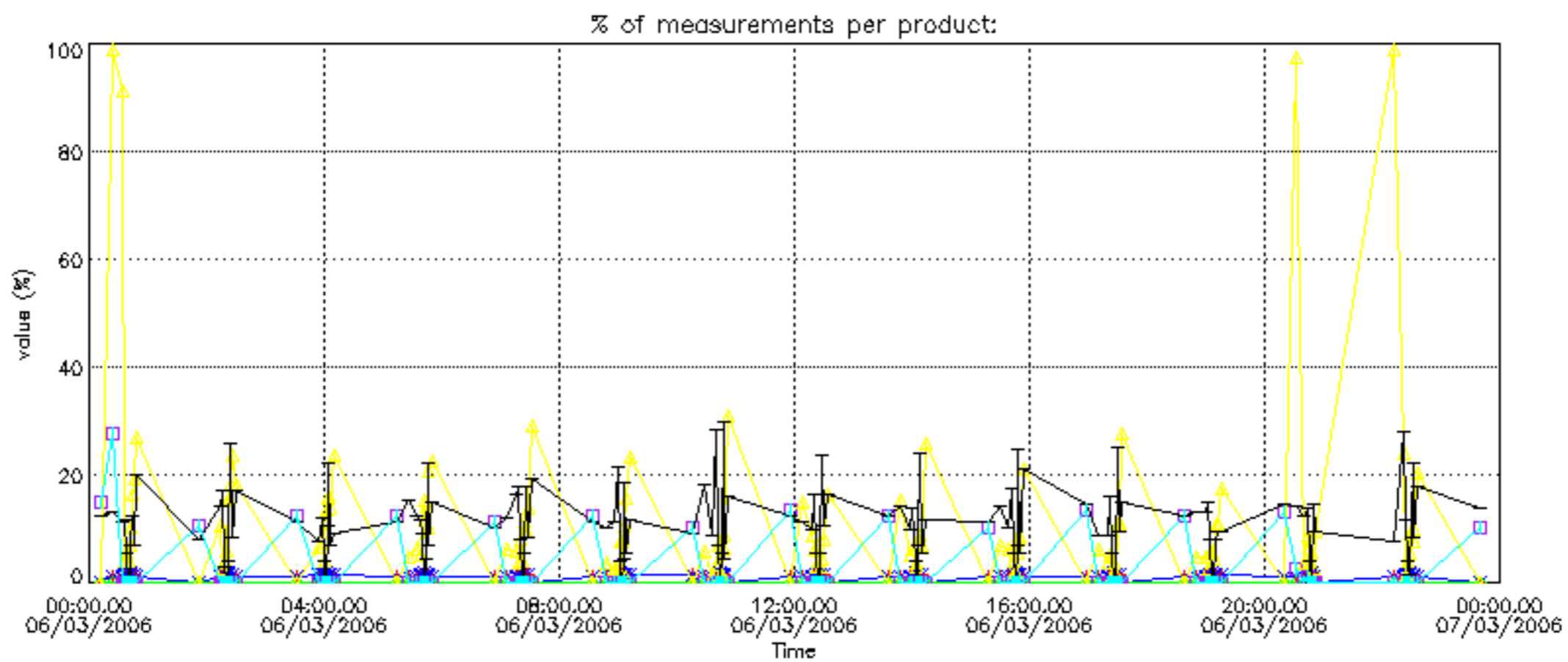


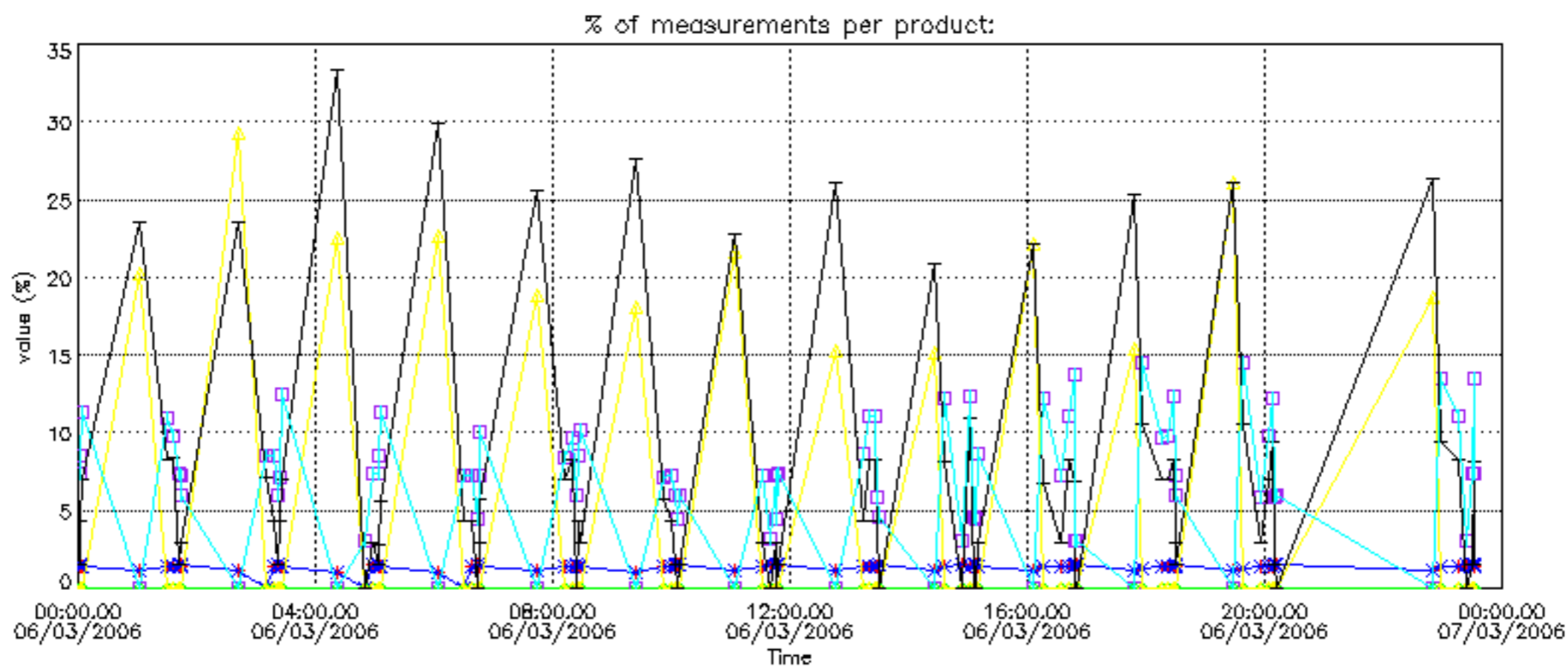
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

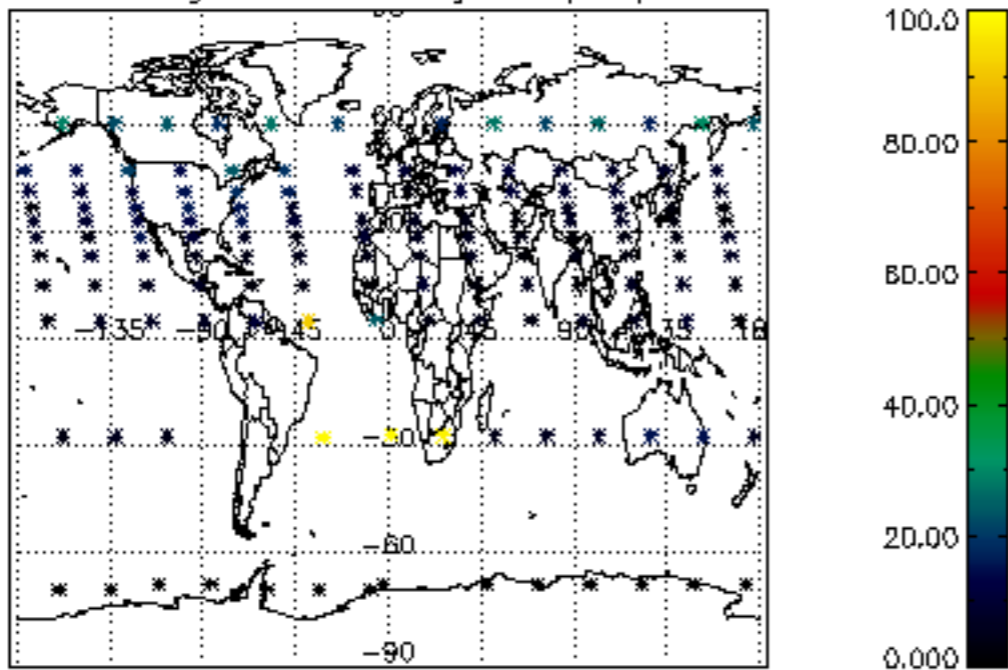




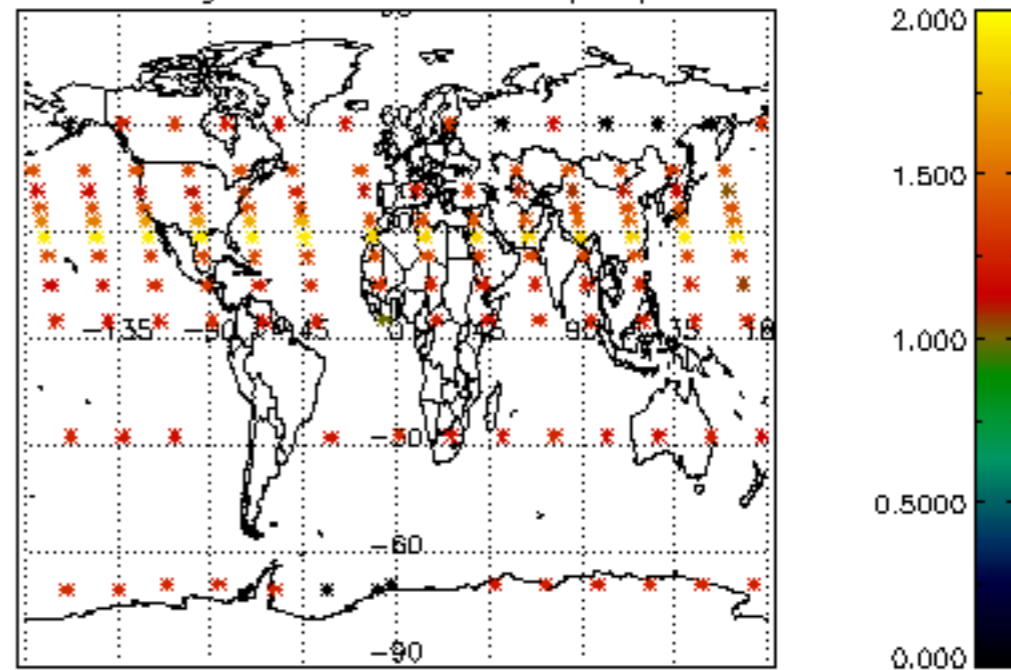




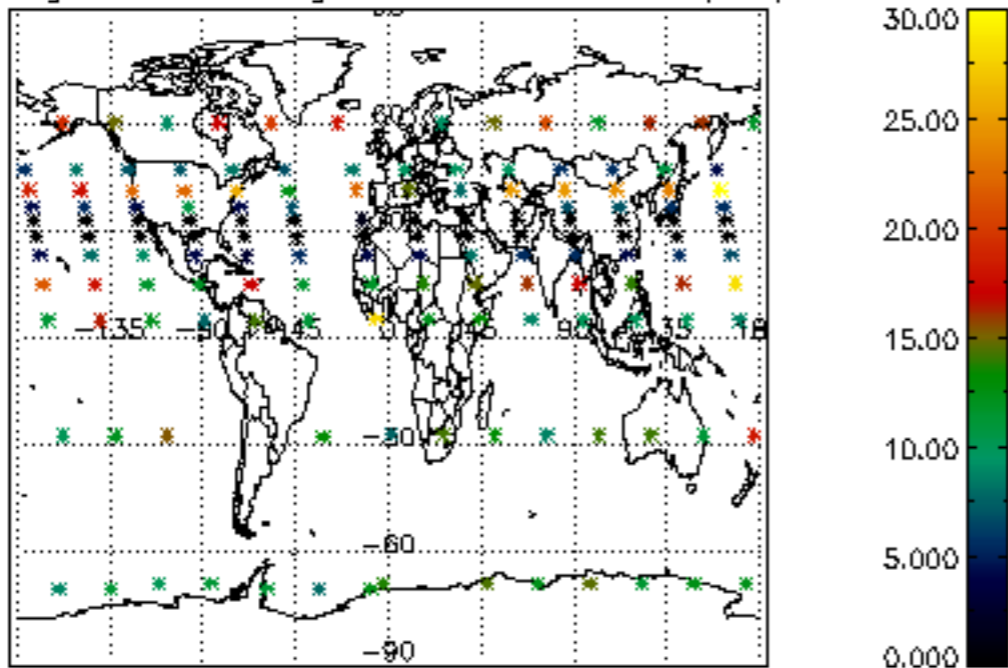
Percentage of cosmic ray hits per profile



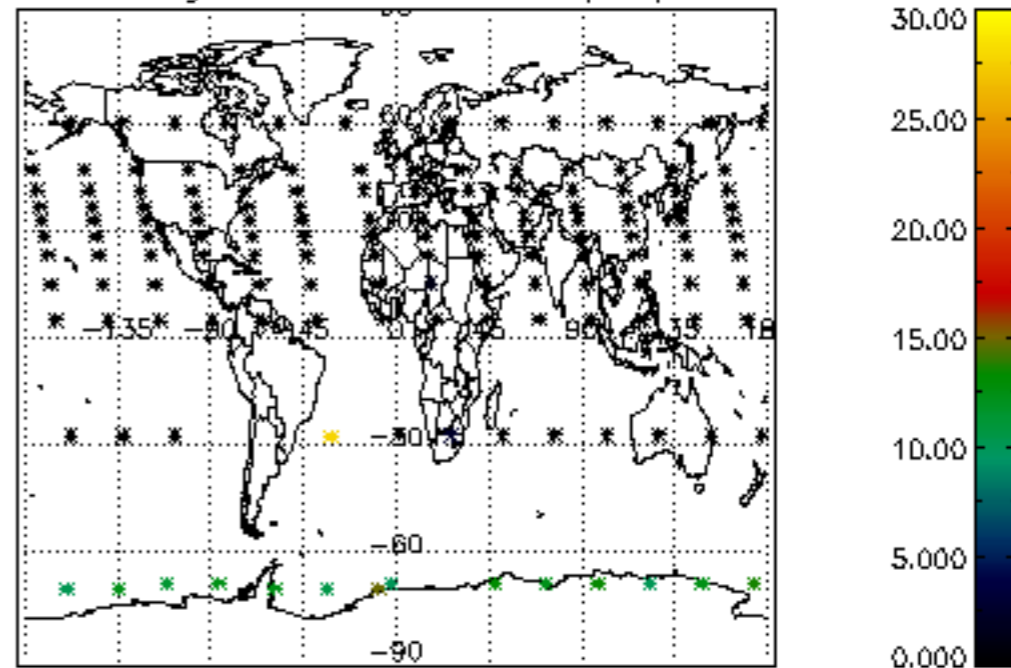
Percentage of datation errors per profile



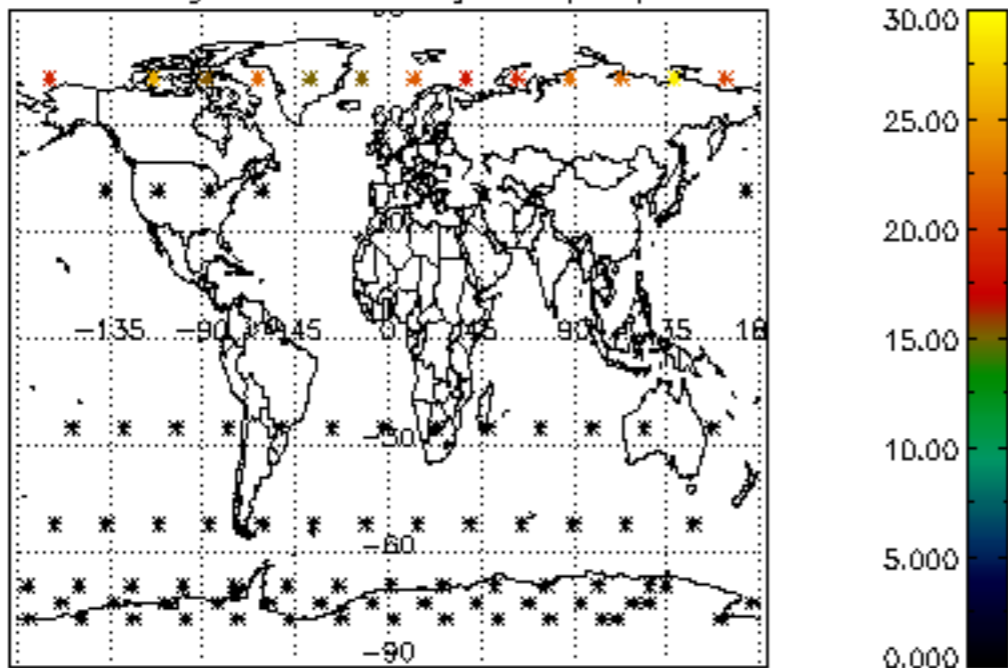
Percentage of star falling outside central band per profile



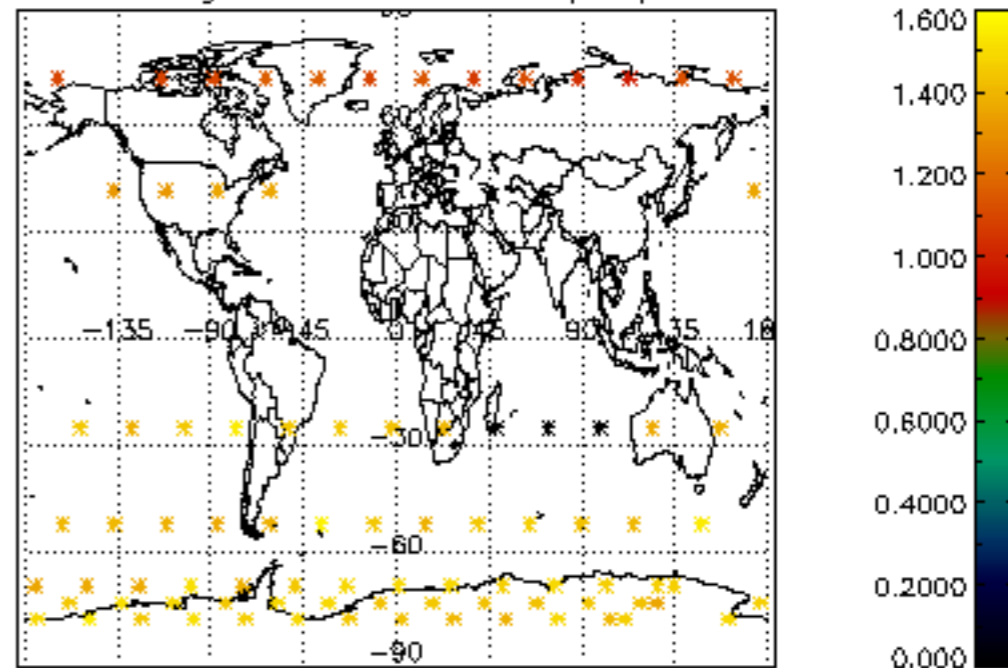
Percentage of saturation errors per profile



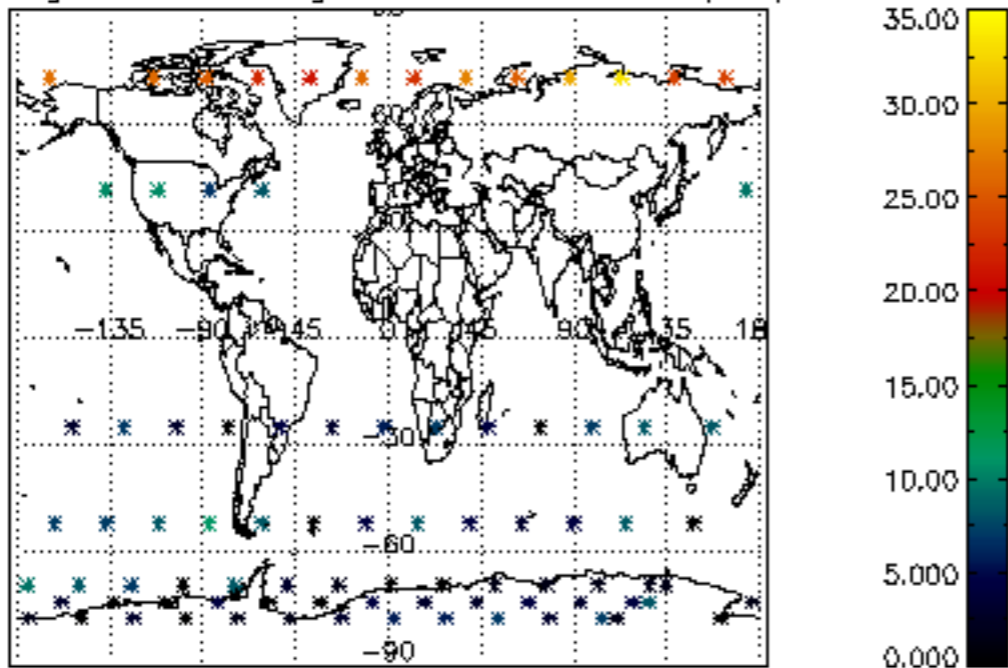
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

