

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	25APR2013 10:53:32
Data source version	GOMOS/6.01
Start time of products	25-02-2008 (25FEB2008 00:00:00)
Stop time of products	26-02-2008 (26FEB2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	302
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__2PRFIN20080225_000036_00000512066_00188_31304_8243.N1	25-FEB-2008 00:00:36	Twilight	50.500	48	30Alp Hya	1.9770	4100.0	101	31304	No
2	GOM_NL__2PRFIN20080225_001136_00000362066_00188_31304_8244.N1	25-FEB-2008 00:11:36	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	31304	No
3	GOM_NL__2PRFIN20080225_001248_00000372066_00188_31304_8245.N1	25-FEB-2008 00:12:48	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	31304	No
4	GOM_NL__2PRFIN20080225_002841_00000362066_00188_31304_8246.N1	25-FEB-2008 00:28:41	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	31304	No
5	GOM_NL__2PRFIN20080225_003602_00000352066_00188_31304_8247.N1	25-FEB-2008 00:36:02	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	31304	No
6	GOM_NL__2PRFIN20080225_004107_00000342066_00188_31304_8248.N1	25-FEB-2008 00:41:07	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	31304	No
7	GOM_NL__2PRFIN20080225_004242_00000352066_00188_31304_8249.N1	25-FEB-2008 00:42:42	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	31304	No
8	GOM_NL__2PRFIN20080225_004412_00000352066_00188_31304_8250.N1	25-FEB-2008 00:44:12	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	31304	No
9	GOM_NL__2PRFIN20080225_005105_00000552066_00188_31304_8251.N1	25-FEB-2008 00:51:05	Bright	55.000	168	17Zet Aql	2.9860	11000.	110	31304	No
10	GOM_NL__2PRFIN20080225_010046_00000402066_00188_31304_8252.N1	25-FEB-2008 01:00:46	Twilight	40.000	155	41Pi Sgr	2.9000	6600.0	80	31304	No
11	GOM_NL__2PRFIN20080225_010231_00000382066_00188_31304_8253.N1	25-FEB-2008 01:02:31	Dark	37.500	57	34Sig Sgr	2.0660	26000.	75	31304	No
12	GOM_NL__2PRFIN20080225_010531_00000452066_00188_31304_8254.N1	25-FEB-2008 01:05:31	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	31304	No
13	GOM_NL__2PRFIN20080225_010806_00000422066_00188_31304_8255.N1	25-FEB-2008 01:08:06	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	31304	No
14	GOM_NL__2PRFIN20080225_011049_00000392066_00188_31304_8256.N1	25-FEB-2008 01:10:49	Dark	38.500	147	Alp Ara	2.8770	26000.	77	31304	No
15	GOM_NL__2PRFIN20080225_011209_00000402066_00189_31305_8255.N1	25-FEB-2008 01:12:09	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	31305	No
16	GOM_NL__2PRFIN20080225_011527_00000412066_00189_31305_8256.N1	25-FEB-2008 01:15:27	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	31305	No
17	GOM_NL__2PRFIN20080225_011837_00000492066_00189_31305_8257.N1	25-FEB-2008 01:18:37	Dark	48.500	4	Alp1Cen	-0.010000	5800.0	97	31305	No
18	GOM_NL__2PRFIN20080225_011957_00000472066_00189_31305_8258.N1	25-FEB-2008 01:19:57	Dark	46.500	10	Bet Cen	0.61000	28000.	93	31305	No
19	GOM_NL__2PRFIN20080225_012243_00000412066_00189_31305_8259.N1	25-FEB-2008 01:22:43	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	31305	No
20	GOM_NL__2PRFIN20080225_012545_00000422066_00189_31305_8260.N1	25-FEB-2008 01:25:45	Dark	42.000	99	Del Cen	2.5750	26000.	84	31305	No
21	GOM_NL__2PRFIN20080225_012817_00000382066_00189_31305_8261.N1	25-FEB-2008 01:28:17	Straylight	38.000	91	Kap Vel	2.4900	26000.	76	31305	No
22	GOM_NL__2PRFIN20080225_013136_00000442066_00189_31305_8262.N1	25-FEB-2008 01:31:36	Straylight	43.500	65	Lam Vel	2.2040	4400.0	87	31305	No
23	GOM_NL__2PRFIN20080225_014112_00000512066_00189_31305_8263.N1	25-FEB-2008 01:41:12	Twilight	50.500	48	30Alp Hya	1.9770	4100.0	101	31305	No
24	GOM_NL__2PRFIN20080225_015212_00000382066_00189_31305_8264.N1	25-FEB-2008 01:52:12	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31305	No
25	GOM_NL__2PRFIN20080225_015324_00000372066_00189_31305_8265.N1	25-FEB-2008 01:53:24	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	31305	No
26	GOM_NL__2PRFIN20080225_020917_00000332066_00189_31305_8266.N1	25-FEB-2008 02:09:17	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	31305	No
27	GOM_NL__2PRFIN20080225_021638_00000362066_00189_31305_8267.N1	25-FEB-2008 02:16:38	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31305	No
28	GOM_NL__2PRFIN20080225_022144_00000352066_00189_31305_8268.N1	25-FEB-2008 02:21:44	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	31305	No
29	GOM_NL__2PRFIN20080225_022318_00000352066_00189_31305_8269.N1	25-FEB-2008 02:23:18	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	31305	No
30	GOM_NL__2PRFIN20080225_022448_00000352066_00189_31305_8270.N1	25-FEB-2008 02:24:48	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	31305	No
31	GOM_NL__2PRFIN20080225_023142_00000362066_00189_31305_8271.N1	25-FEB-2008 02:31:42	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	31305	No
32	GOM_NL__2PRFIN20080225_024122_00000412066_00189_31305_8272.N1	25-FEB-2008 02:41:22	Twilight	40.500	155	41Pi Sgr	2.9000	6600.0	81	31305	No
33	GOM_NL__2PRFIN20080225_024308_00000392066_00189_31305_8273.N1	25-FEB-2008 02:43:08	Dark	38.500	57	34Sig Sgr	2.0660	26000.	77	31305	No
34	GOM_NL__2PRFIN20080225_024843_00000482066_00189_31305_8274.N1	25-FEB-2008 02:48:43	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	31305	No
35	GOM_NL__2PRFIN20080225_025126_00000392066_00189_31305_8275.N1	25-FEB-2008 02:51:26	Dark	38.500	147	Alp Ara	2.8770	26000.	77	31305	No
36	GOM_NL__2PRFIN20080225_025245_00000392066_00190_31306_8264.N1	25-FEB-2008 02:52:45	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	31306	No
37	GOM_NL__2PRFIN20080225_025914_00000432066_00190_31306_8265.N1	25-FEB-2008 02:59:14	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	31306	No
38	GOM_NL__2PRFIN20080225_030034_00000442066_00190_31306_8266.N1	25-FEB-2008 03:00:34	Dark	43.500	10	Bet Cen	0.61000	28000.	87	31306	No
39	GOM_NL__2PRFIN20080225_030319_00000442066_00190_31306_8267.N1	25-FEB-2008 03:03:19	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	31306	No
40	GOM_NL__2PRFIN20080225_030621_00000422066_00190_31306_8268.N1	25-FEB-2008 03:06:21	Dark	42.000	99	Del Cen	2.5750	26000.	84	31306	No
41	GOM_NL__2PRFIN20080225_030853_00000392066_00190_31306_8269.N1	25-FEB-2008 03:08:53	Straylight	39.000	91	Kap Vel	2.4900	26000.	78	31306	No
42	GOM_NL__2PRFIN20080225_031212_00000442066_00190_31306_8270.N1	25-FEB-2008 03:12:12	Straylight	44.000	65	Lam Vel	2.2040	4400.0	88	31306	No

43	GOM_NL__2PRFIN20080225_032148_000000452066_00190_31306_8271.N1	25-FEB-2008 03:21:48	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	31306	No
44	GOM_NL__2PRFIN20080225_033248_000000382066_00190_31306_8272.N1	25-FEB-2008 03:32:48	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	31306	No
45	GOM_NL__2PRFIN20080225_033400_000000372066_00190_31306_8273.N1	25-FEB-2008 03:34:00	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	31306	No
46	GOM_NL__2PRFIN20080225_034953_000000322066_00190_31306_8274.N1	25-FEB-2008 03:49:53	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	31306	No
47	GOM_NL__2PRFIN20080225_035714_000000362066_00190_31306_8275.N1	25-FEB-2008 03:57:14	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31306	No
48	GOM_NL__2PRFIN20080225_040220_000000342066_00190_31306_8276.N1	25-FEB-2008 04:02:20	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	31306	No
49	GOM_NL__2PRFIN20080225_040354_000000332066_00190_31306_8277.N1	25-FEB-2008 04:03:54	Bright	32.500	66	37Gam Cyg	2.2080	5900.0	65	31306	No
50	GOM_NL__2PRFIN20080225_040525_000000512066_00190_31306_8278.N1	25-FEB-2008 04:05:25	Bright	51.000	92	53Eps Cyg	2.5000	4500.0	102	31306	No
51	GOM_NL__2PRFIN20080225_041218_000000512066_00190_31306_8279.N1	25-FEB-2008 04:12:18	Bright	50.500	168	17Zet Aql	2.9860	11000.	101	31306	No
52	GOM_NL__2PRFIN20080225_042159_000000412066_00190_31306_8280.N1	25-FEB-2008 04:21:59	Twilight	40.500	155	41Pi Sgr	2.9000	6600.0	81	31306	No
53	GOM_NL__2PRFIN20080225_042344_000000432066_00190_31306_8281.N1	25-FEB-2008 04:23:44	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	31306	No
54	GOM_NL__2PRFIN20080225_042644_000000432066_00190_31306_8282.N1	25-FEB-2008 04:26:44	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	31306	No
55	GOM_NL__2PRFIN20080225_042920_000000492066_00190_31306_8283.N1	25-FEB-2008 04:29:20	Dark	48.500	25	35Lam Sco	1.6200	28000.	97	31306	No
56	GOM_NL__2PRFIN20080225_043202_000000392066_00190_31306_8284.N1	25-FEB-2008 04:32:02	Dark	38.500	147	Alp Ara	2.8770	26000.	77	31306	No
57	GOM_NL__2PRFIN20080225_043322_000000402066_00191_31307_8383.N1	25-FEB-2008 04:33:22	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	31307	No
58	GOM_NL__2PRFIN20080225_043950_000000432066_00191_31307_8384.N1	25-FEB-2008 04:39:50	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	31307	No
59	GOM_NL__2PRFIN20080225_044110_000000432066_00191_31307_8385.N1	25-FEB-2008 04:41:10	Dark	42.500	10	Bet Cen	0.61000	28000.	85	31307	No
60	GOM_NL__2PRFIN20080225_044356_000000392066_00191_31307_8386.N1	25-FEB-2008 04:43:56	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	31307	No
61	GOM_NL__2PRFIN20080225_044658_000000422066_00191_31307_8387.N1	25-FEB-2008 04:46:58	Dark	42.000	99	Del Cen	2.5750	26000.	84	31307	No
62	GOM_NL__2PRFIN20080225_044930_000000372066_00191_31307_8388.N1	25-FEB-2008 04:49:30	Straylight	37.000	91	Kap Vel	2.4900	26000.	74	31307	No
63	GOM_NL__2PRFIN20080225_045248_000000462066_00191_31307_8389.N1	25-FEB-2008 04:52:48	Straylight	46.000	65	Lam Vel	2.2040	4400.0	92	31307	No
64	GOM_NL__2PRFIN20080225_050224_000000472066_00191_31307_8390.N1	25-FEB-2008 05:02:24	Twilight	46.500	48	30Alp Hya	1.9770	4100.0	93	31307	No
65	GOM_NL__2PRFIN20080225_051325_000000362066_00191_31307_8391.N1	25-FEB-2008 05:13:25	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	31307	No
66	GOM_NL__2PRFIN20080225_051437_000000362066_00191_31307_8392.N1	25-FEB-2008 05:14:37	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	31307	No
67	GOM_NL__2PRFIN20080225_053029_000000332066_00191_31307_8393.N1	25-FEB-2008 05:30:29	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	31307	No
68	GOM_NL__2PRFIN20080225_053750_000000372066_00191_31307_8394.N1	25-FEB-2008 05:37:50	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31307	No
69	GOM_NL__2PRFIN20080225_054256_000000352066_00191_31307_8395.N1	25-FEB-2008 05:42:56	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	31307	No
70	GOM_NL__2PRFIN20080225_054430_000000352066_00191_31307_8396.N1	25-FEB-2008 05:44:30	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	31307	No
71	GOM_NL__2PRFIN20080225_054601_000000342066_00191_31307_8397.N1	25-FEB-2008 05:46:01	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	31307	No
72	GOM_NL__2PRFIN20080225_055254_000000382066_00191_31307_8398.N1	25-FEB-2008 05:52:54	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	31307	No
73	GOM_NL__2PRFIN20080225_060235_000000422066_00191_31307_8399.N1	25-FEB-2008 06:02:35	Twilight	42.000	155	41Pi Sgr	2.9000	6600.0	84	31307	No
74	GOM_NL__2PRFIN20080225_060420_000000412066_00191_31307_8400.N1	25-FEB-2008 06:04:20	Dark	41.000	57	34Sig Sgr	2.0660	26000.	82	31307	No
75	GOM_NL__2PRFIN20080225_060720_000000402066_00191_31307_8401.N1	25-FEB-2008 06:07:20	Dark	40.000	38	20Eps Sgr	1.8360	11000.	80	31307	No
76	GOM_NL__2PRFIN20080225_060957_000000442066_00191_31307_8402.N1	25-FEB-2008 06:09:57	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	31307	No
77	GOM_NL__2PRFIN20080225_061239_000000392066_00191_31307_8403.N1	25-FEB-2008 06:12:39	Dark	39.000	147	Alp Ara	2.8770	26000.	78	31307	No
78	GOM_NL__2PRFIN20080225_061358_000000392066_00192_31308_8397.N1	25-FEB-2008 06:13:58	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	31308	No
79	GOM_NL__2PRFIN20080225_061757_000000382066_00192_31308_8398.N1	25-FEB-2008 06:17:57	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31308	No
80	GOM_NL__2PRFIN20080225_062027_000000552066_00192_31308_8399.N1	25-FEB-2008 06:20:27	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	31308	No
81	GOM_NL__2PRFIN20080225_062147_000000492066_00192_31308_8400.N1	25-FEB-2008 06:21:47	Dark	48.500	10	Bet Cen	0.61000	28000.	97	31308	No
82	GOM_NL__2PRFIN20080225_062432_000000392066_00192_31308_8401.N1	25-FEB-2008 06:24:32	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	31308	No
83	GOM_NL__2PRFIN20080225_062734_000000432066_00192_31308_8402.N1	25-FEB-2008 06:27:34	Dark	43.000	99	Del Cen	2.5750	26000.	86	31308	No
84	GOM_NL__2PRFIN20080225_063006_000000382066_00192_31308_8403.N1	25-FEB-2008 06:30:06	Straylight	37.500	91	Kap Vel	2.4900	26000.	75	31308	No
85	GOM_NL__2PRFIN20080225_063324_000000412066_00192_31308_8404.N1	25-FEB-2008 06:33:24	Straylight	41.000	65	Lam Vel	2.2040	4400.0	82	31308	No
86	GOM_NL__2PRFIN20080225_064300_000000472066_00192_31308_8405.N1	25-FEB-2008 06:43:00	Twilight	47.000	48	30Alp Hya	1.9770	4100.0	94	31308	No
87	GOM_NL__2PRFIN20080225_065401_000000392066_00192_31308_8406.N1	25-FEB-2008 06:54:01	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	31308	No
88	GOM_NL__2PRFIN20080225_071105_000000362066_00192_31308_8407.N1	25-FEB-2008 07:11:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31308	No
89	GOM_NL__2PRFIN20080225_071826_000000362066_00192_31308_8408.N1	25-FEB-2008 07:18:26	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31308	No
90	GOM_NL__2PRFIN20080225_072332_000000352066_00192_31308_8409.N1	25-FEB-2008 07:23:32	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	31308	No
91	GOM_NL__2PRFIN20080225_072506_000000352066_00192_31308_8410.N1	25-FEB-2008 07:25:06	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	31308	No
92	GOM_NL__2PRFIN20080225_072637_000000332066_00192_31308_8411.N1	25-FEB-2008 07:26:37	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	31308	No
93	GOM_NL__2PRFIN20080225_073330_000000372066_00192_31308_8412.N1	25-FEB-2008 07:33:30	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	31308	No
94	GOM_NL__2PRFIN20080225_074311_000000412066_00192_31308_8413.N1	25-FEB-2008 07:43:11	Twilight	40.500	155	41Pi Sgr	2.9000	6600.0	81	31308	No
95	GOM_NL__2PRFIN20080225_074457_000000392066_00192_31308_8414.N1	25-FEB-2008 07:44:57	Dark	39.000	57	34Sig Sgr	2.0660	26000.	78	31308	No
96	GOM_NL__2PRFIN20080225_074756_000000412066_00192_31308_8415.N1	25-FEB-2008 07:47:56	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	31308	No
97	GOM_NL__2PRFIN20080225_075033_000000452066_00192_31308_8416.N1	25-FEB-2008 07:50:33	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	31308	No
98	GOM_NL__2PRFIN20080225_075315_000000402066_00192_31308_8417.N1	25-FEB-2008 07:53:15	Dark	40.000	147	Alp Ara	2.8770	26000.	80	31308	No
99	GOM_NL__2PRFIN20080225_075435_000000422066_00193_31309_8412.N1	25-FEB-2008 07:54:35	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31309	No
100	GOM_NL__2PRFIN20080225_075834_000000392066_00193_31309_8413.N1	25-FEB-2008 07:58:34	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31309	No
101	GOM_NL__2PRFIN20080225_080103_000000572066_00193_31309_8414.N1	25-FEB-2008 08:01:03	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	31309	No

102	GOM_NL__2PRFIN20080225_080223_000000402066_00193_31309_8415.N1	25-FEB-2008 08:02:23	Dark	40.000	10	Bet Cen	0.61000	28000.	80	31309	No
103	GOM_NL__2PRFIN20080225_080508_000000482066_00193_31309_8416.N1	25-FEB-2008 08:05:08	Dark	47.500	12	Alp1Cru	0.77500	30000.	95	31309	No
104	GOM_NL__2PRFIN20080225_080811_000000422066_00193_31309_8417.N1	25-FEB-2008 08:08:11	Dark	41.500	99	Del Cen	2.5750	26000.	83	31309	No
105	GOM_NL__2PRFIN20080225_081042_000000392066_00193_31309_8418.N1	25-FEB-2008 08:10:42	Straylight	38.500	91	Kap Vel	2.4900	26000.	77	31309	No
106	GOM_NL__2PRFIN20080225_081400_000000402066_00193_31309_8419.N1	25-FEB-2008 08:14:00	Straylight	40.000	65	Lam Vel	2.2040	4400.0	80	31309	No
107	GOM_NL__2PRFIN20080225_082336_000000422066_00193_31309_8420.N1	25-FEB-2008 08:23:36	Twilight	42.000	48	30Alp Hya	1.9770	4100.0	84	31309	No
108	GOM_NL__2PRFIN20080225_083437_000000362066_00193_31309_8421.N1	25-FEB-2008 08:34:37	Bright	35.500	17	78Bet Gem	1.1610	4500.0	71	31309	No
109	GOM_NL__2PRFIN20080225_085141_000000362066_00193_31309_8422.N1	25-FEB-2008 08:51:41	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	31309	No
110	GOM_NL__2PRFIN20080225_085902_000000362066_00193_31309_8423.N1	25-FEB-2008 08:59:02	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31309	No
111	GOM_NL__2PRFIN20080225_090408_000000332066_00193_31309_8424.N1	25-FEB-2008 09:04:08	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	31309	No
112	GOM_NL__2PRFIN20080225_090543_000000332066_00193_31309_8425.N1	25-FEB-2008 09:05:43	Bright	32.500	66	37Gam Cyg	2.2080	5900.0	65	31309	No
113	GOM_NL__2PRFIN20080225_090713_000000342066_00193_31309_8426.N1	25-FEB-2008 09:07:13	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	31309	No
114	GOM_NL__2PRFIN20080225_091407_000000372066_00193_31309_8427.N1	25-FEB-2008 09:14:07	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	31309	No
115	GOM_NL__2PRFIN20080225_092347_000000392066_00193_31309_8428.N1	25-FEB-2008 09:23:47	Twilight	39.000	155	41Pi Sgr	2.9000	6600.0	78	31309	No
116	GOM_NL__2PRFIN20080225_092533_000000402066_00193_31309_8429.N1	25-FEB-2008 09:25:33	Dark	39.500	57	34Sig Sgr	2.0660	26000.	79	31309	No
117	GOM_NL__2PRFIN20080225_092833_000000422066_00193_31309_8430.N1	25-FEB-2008 09:28:33	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	31309	No
118	GOM_NL__2PRFIN20080225_093110_000000442066_00193_31309_8431.N1	25-FEB-2008 09:31:10	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	31309	No
119	GOM_NL__2PRFIN20080225_093352_000000392066_00193_31309_8432.N1	25-FEB-2008 09:33:52	Dark	38.500	147	Alp Ara	2.8770	26000.	77	31309	No
120	GOM_NL__2PRFIN20080225_093511_000000412066_00194_31310_8424.N1	25-FEB-2008 09:35:11	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	31310	No
121	GOM_NL__2PRFIN20080225_093910_000000392066_00194_31310_8425.N1	25-FEB-2008 09:39:10	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31310	No
122	GOM_NL__2PRFIN20080225_094140_000000552066_00194_31310_8426.N1	25-FEB-2008 09:41:40	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	31310	No
123	GOM_NL__2PRFIN20080225_094300_000000412066_00194_31310_8427.N1	25-FEB-2008 09:43:00	Dark	40.500	10	Bet Cen	0.61000	28000.	81	31310	No
124	GOM_NL__2PRFIN20080225_094545_000000392066_00194_31310_8428.N1	25-FEB-2008 09:45:45	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	31310	No
125	GOM_NL__2PRFIN20080225_094847_000000432066_00194_31310_8429.N1	25-FEB-2008 09:48:47	Dark	42.500	99	Del Cen	2.5750	26000.	85	31310	No
126	GOM_NL__2PRFIN20080225_095118_000000382066_00194_31310_8430.N1	25-FEB-2008 09:51:18	Straylight	37.500	91	Kap Vel	2.4900	26000.	75	31310	No
127	GOM_NL__2PRFIN20080225_095436_000000392066_00194_31310_8431.N1	25-FEB-2008 09:54:36	Straylight	38.500	65	Lam Vel	2.2040	4400.0	77	31310	No
128	GOM_NL__2PRFIN20080225_100412_000000472066_00194_31310_8432.N1	25-FEB-2008 10:04:12	Twilight	47.000	48	30Alp Hya	1.9770	4100.0	94	31310	No
129	GOM_NL__2PRFIN20080225_101513_000000382066_00194_31310_8433.N1	25-FEB-2008 10:15:13	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	31310	No
130	GOM_NL__2PRFIN20080225_103217_000000362066_00194_31310_8434.N1	25-FEB-2008 10:32:17	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31310	No
131	GOM_NL__2PRFIN20080225_103938_000000362066_00194_31310_8435.N1	25-FEB-2008 10:39:38	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31310	No
132	GOM_NL__2PRFIN20080225_104444_000000352066_00194_31310_8436.N1	25-FEB-2008 10:44:44	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	31310	No
133	GOM_NL__2PRFIN20080225_104618_000000352066_00194_31310_8437.N1	25-FEB-2008 10:46:18	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	31310	No
134	GOM_NL__2PRFIN20080225_104749_000000342066_00194_31310_8438.N1	25-FEB-2008 10:47:49	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	31310	No
135	GOM_NL__2PRFIN20080225_105443_000000372066_00194_31310_8439.N1	25-FEB-2008 10:54:43	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	31310	No
136	GOM_NL__2PRFIN20080225_110424_000000382066_00194_31310_8440.N1	25-FEB-2008 11:04:24	Twilight	38.000	155	41Pi Sgr	2.9000	6600.0	76	31310	No
137	GOM_NL__2PRFIN20080225_110610_000000392066_00194_31310_8441.N1	25-FEB-2008 11:06:10	Dark	39.000	57	34Sig Sgr	2.0660	26000.	78	31310	No
138	GOM_NL__2PRFIN20080225_110909_000000462066_00194_31310_8442.N1	25-FEB-2008 11:09:09	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	31310	No
139	GOM_NL__2PRFIN20080225_111147_000000442066_00194_31310_8443.N1	25-FEB-2008 11:11:47	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	31310	No
140	GOM_NL__2PRFIN20080225_111428_000000402066_00194_31310_8444.N1	25-FEB-2008 11:14:28	Dark	40.000	147	Alp Ara	2.8770	26000.	80	31310	No
141	GOM_NL__2PRFIN20080225_111547_000000412066_00195_31311_8448.N1	25-FEB-2008 11:15:47	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	31311	No
142	GOM_NL__2PRFIN20080225_111947_000000392066_00195_31311_8449.N1	25-FEB-2008 11:19:47	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	31311	No
143	GOM_NL__2PRFIN20080225_112216_000000462066_00195_31311_8450.N1	25-FEB-2008 11:22:16	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	31311	No
144	GOM_NL__2PRFIN20080225_112336_000000432066_00195_31311_8451.N1	25-FEB-2008 11:23:36	Dark	42.500	10	Bet Cen	0.61000	28000.	85	31311	No
145	GOM_NL__2PRFIN20080225_112621_000000412066_00195_31311_8452.N1	25-FEB-2008 11:26:21	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	31311	No
146	GOM_NL__2PRFIN20080225_112924_000000432066_00195_31311_8453.N1	25-FEB-2008 11:29:24	Dark	42.500	99	Del Cen	2.5750	26000.	85	31311	No
147	GOM_NL__2PRFIN20080225_113154_000000362066_00195_31311_8454.N1	25-FEB-2008 11:31:54	Straylight	36.000	91	Kap Vel	2.4900	26000.	72	31311	No
148	GOM_NL__2PRFIN20080225_113512_000000462066_00195_31311_8455.N1	25-FEB-2008 11:35:12	Straylight	46.000	65	Lam Vel	2.2040	4400.0	92	31311	No
149	GOM_NL__2PRFIN20080225_114448_000000492066_00195_31311_8456.N1	25-FEB-2008 11:44:48	Twilight	49.000	48	30Alp Hya	1.9770	4100.0	98	31311	No
150	GOM_NL__2PRFIN20080225_115549_000000352066_00195_31311_8457.N1	25-FEB-2008 11:55:49	Bright	34.500	17	78Bet Gem	1.1610	4500.0	69	31311	No
151	GOM_NL__2PRFIN20080225_121253_000000372066_00195_31311_8458.N1	25-FEB-2008 12:12:53	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	31311	No
152	GOM_NL__2PRFIN20080225_122014_000000362066_00195_31311_8459.N1	25-FEB-2008 12:20:14	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31311	No
153	GOM_NL__2PRFIN20080225_122520_000000342066_00195_31311_8460.N1	25-FEB-2008 12:25:20	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31311	No
154	GOM_NL__2PRFIN20080225_122655_000000342066_00195_31311_8461.N1	25-FEB-2008 12:26:55	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	31311	No
155	GOM_NL__2PRFIN20080225_122825_000000342066_00195_31311_8462.N1	25-FEB-2008 12:28:25	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	31311	No
156	GOM_NL__2PRFIN20080225_123519_000000552066_00195_31311_8463.N1	25-FEB-2008 12:35:19	Bright	55.000	168	17Zet Aql	2.9860	11000.	110	31311	No
157	GOM_NL__2PRFIN20080225_124500_000000392066_00195_31311_8464.N1	25-FEB-2008 12:45:00	Twilight	39.000	155	41Pi Sgr	2.9000	6600.0	78	31311	No
158	GOM_NL__2PRFIN20080225_124646_000000402066_00195_31311_8465.N1	25-FEB-2008 12:46:46	Dark	40.000	57	34Sig Sgr	2.0660	26000.	80	31311	No
159	GOM_NL__2PRFIN20080225_124946_000000402066_00195_31311_8466.N1	25-FEB-2008 12:49:46	Dark	39.500	38	20Eps Sgr	1.8360	11000.	79	31311	No
160	GOM_NL__2PRFIN20080225_125223_000000442066_00195_31311_8467.N1	25-FEB-2008 12:52:23	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	31311	No

161	GOM_NL__2PRFIN20080225_125505_000000392066_00195_31311_8468.N1	25-FEB-2008 12:55:05	Dark	39.000	147	Alp Ara	2.8770	26000.	78	31311	No
162	GOM_NL__2PRFIN20080225_125624_000000442066_00196_31312_8462.N1	25-FEB-2008 12:56:24	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	31312	No
163	GOM_NL__2PRFIN20080225_130023_000000382066_00196_31312_8463.N1	25-FEB-2008 13:00:23	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31312	No
164	GOM_NL__2PRFIN20080225_130253_000000462066_00196_31312_8464.N1	25-FEB-2008 13:02:53	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	31312	No
165	GOM_NL__2PRFIN20080225_130413_000000422066_00196_31312_8465.N1	25-FEB-2008 13:04:13	Dark	41.500	10	Bet Cen	0.61000	28000.	83	31312	No
166	GOM_NL__2PRFIN20080225_130657_000000412066_00196_31312_8466.N1	25-FEB-2008 13:06:57	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	31312	No
167	GOM_NL__2PRFIN20080225_131000_000000422066_00196_31312_8467.N1	25-FEB-2008 13:10:00	Dark	41.500	99	Del Cen	2.5750	26000.	83	31312	No
168	GOM_NL__2PRFIN20080225_131230_000000362066_00196_31312_8468.N1	25-FEB-2008 13:12:30	Straylight	36.000	91	Kap Vel	2.4900	26000.	72	31312	No
169	GOM_NL__2PRFIN20080225_131549_000000422066_00196_31312_8469.N1	25-FEB-2008 13:15:49	Straylight	42.000	65	Lam Vel	2.2040	4400.0	84	31312	No
170	GOM_NL__2PRFIN20080225_132524_000000502066_00196_31312_8470.N1	25-FEB-2008 13:25:24	Tw_i_and_stray	49.500	48	30Alp Hya	1.9770	4100.0	99	31312	No
171	GOM_NL__2PRFIN20080225_133625_000000392066_00196_31312_8471.N1	25-FEB-2008 13:36:25	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	31312	No
172	GOM_NL__2PRFIN20080225_135329_000000332066_00196_31312_8472.N1	25-FEB-2008 13:53:29	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	31312	No
173	GOM_NL__2PRFIN20080225_140050_000000342066_00196_31312_8473.N1	25-FEB-2008 14:00:50	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31312	No
174	GOM_NL__2PRFIN20080225_140556_000000362066_00196_31312_8474.N1	25-FEB-2008 14:05:56	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	31312	No
175	GOM_NL__2PRFIN20080225_140731_000000352066_00196_31312_8475.N1	25-FEB-2008 14:07:31	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	31312	No
176	GOM_NL__2PRFIN20080225_140901_000000332066_00196_31312_8476.N1	25-FEB-2008 14:09:01	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	31312	No
177	GOM_NL__2PRFIN20080225_141555_000000372066_00196_31312_8477.N1	25-FEB-2008 14:15:55	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	31312	No
178	GOM_NL__2PRFIN20080225_142536_000000402066_00196_31312_8478.N1	25-FEB-2008 14:25:36	Dark	39.500	155	41Pi Sgr	2.9000	6600.0	79	31312	No
179	GOM_NL__2PRFIN20080225_142722_000000442066_00196_31312_8479.N1	25-FEB-2008 14:27:22	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	31312	No
180	GOM_NL__2PRFIN20080225_143022_000000452066_00196_31312_8480.N1	25-FEB-2008 14:30:22	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	31312	No
181	GOM_NL__2PRFIN20080225_143300_000000432066_00196_31312_8481.N1	25-FEB-2008 14:33:00	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	31312	No
182	GOM_NL__2PRFIN20080225_143541_000000402066_00196_31312_8482.N1	25-FEB-2008 14:35:41	Dark	39.500	147	Alp Ara	2.8770	26000.	79	31312	No
183	GOM_NL__2PRFIN20080225_143700_000000482066_00197_31313_8690.N1	25-FEB-2008 14:37:00	Dark	47.500	141	Bet Ara	2.8400	4600.0	95	31313	No
184	GOM_NL__2PRFIN20080225_144059_000000382066_00197_31313_8691.N1	25-FEB-2008 14:40:59	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31313	No
185	GOM_NL__2PRFIN20080225_144329_000000422066_00197_31313_8692.N1	25-FEB-2008 14:43:29	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	31313	No
186	GOM_NL__2PRFIN20080225_144449_000000422066_00197_31313_8693.N1	25-FEB-2008 14:44:49	Dark	41.500	10	Bet Cen	0.61000	28000.	83	31313	No
187	GOM_NL__2PRFIN20080225_144734_000000402066_00197_31313_8694.N1	25-FEB-2008 14:47:34	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	31313	No
188	GOM_NL__2PRFIN20080225_145036_000000432066_00197_31313_8695.N1	25-FEB-2008 14:50:36	Dark	43.000	99	Del Cen	2.5750	26000.	86	31313	No
189	GOM_NL__2PRFIN20080225_145306_000000372066_00197_31313_8696.N1	25-FEB-2008 14:53:06	Straylight	37.000	91	Kap Vel	2.4900	26000.	74	31313	No
190	GOM_NL__2PRFIN20080225_145625_000000412066_00197_31313_8697.N1	25-FEB-2008 14:56:25	Straylight	41.000	65	Lam Vel	2.2040	4400.0	82	31313	No
191	GOM_NL__2PRFIN20080225_150600_000000482066_00197_31313_8698.N1	25-FEB-2008 15:06:00	Tw_i_and_stray	47.500	48	30Alp Hya	1.9770	4100.0	95	31313	No
192	GOM_NL__2PRFIN20080225_151702_000000372066_00197_31313_8699.N1	25-FEB-2008 15:17:02	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	31313	No
193	GOM_NL__2PRFIN20080225_153405_000000362066_00197_31313_8700.N1	25-FEB-2008 15:34:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31313	No
194	GOM_NL__2PRFIN20080225_154126_000000352066_00197_31313_8701.N1	25-FEB-2008 15:41:26	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	31313	No
195	GOM_NL__2PRFIN20080225_154632_000000342066_00197_31313_8702.N1	25-FEB-2008 15:46:32	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31313	No
196	GOM_NL__2PRFIN20080225_154807_000000362066_00197_31313_8703.N1	25-FEB-2008 15:48:07	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	31313	No
197	GOM_NL__2PRFIN20080225_154937_000000352066_00197_31313_8704.N1	25-FEB-2008 15:49:37	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	31313	No
198	GOM_NL__2PRFIN20080225_155631_000000382066_00197_31313_8705.N1	25-FEB-2008 15:56:31	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	31313	No
199	GOM_NL__2PRFIN20080225_160613_000000422066_00197_31313_8706.N1	25-FEB-2008 16:06:13	Dark	41.500	155	41Pi Sgr	2.9000	6600.0	83	31313	No
200	GOM_NL__2PRFIN20080225_160759_000000432066_00197_31313_8707.N1	25-FEB-2008 16:07:59	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	31313	No
201	GOM_NL__2PRFIN20080225_161059_000000462066_00197_31313_8708.N1	25-FEB-2008 16:10:59	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	31313	No
202	GOM_NL__2PRFIN20080225_161337_000000442066_00197_31313_8709.N1	25-FEB-2008 16:13:37	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	31313	No
203	GOM_NL__2PRFIN20080225_161618_000000392066_00197_31313_8710.N1	25-FEB-2008 16:16:18	Dark	39.000	147	Alp Ara	2.8770	26000.	78	31313	No
204	GOM_NL__2PRFIN20080225_161737_000000402066_00198_31314_8716.N1	25-FEB-2008 16:17:37	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	31314	No
205	GOM_NL__2PRFIN20080225_162136_000000392066_00198_31314_8717.N1	25-FEB-2008 16:21:36	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	31314	No
206	GOM_NL__2PRFIN20080225_162406_000000442066_00198_31314_8718.N1	25-FEB-2008 16:24:06	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31314	No
207	GOM_NL__2PRFIN20080225_162526_000000442066_00198_31314_8719.N1	25-FEB-2008 16:25:26	Dark	43.500	10	Bet Cen	0.61000	28000.	87	31314	No
208	GOM_NL__2PRFIN20080225_162658_000000372066_00198_31314_8720.N1	25-FEB-2008 16:26:58	Dark	37.000	112	Alp Mus	2.6880	26000.	74	31314	No
209	GOM_NL__2PRFIN20080225_162810_000000452066_00198_31314_8721.N1	25-FEB-2008 16:28:10	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	31314	No
210	GOM_NL__2PRFIN20080225_163113_000000422066_00198_31314_8722.N1	25-FEB-2008 16:31:13	Dark	41.500	99	Del Cen	2.5750	26000.	83	31314	No
211	GOM_NL__2PRFIN20080225_163343_000000372066_00198_31314_8723.N1	25-FEB-2008 16:33:43	Straylight	37.000	91	Kap Vel	2.4900	26000.	74	31314	No
212	GOM_NL__2PRFIN20080225_163701_000000432066_00198_31314_8724.N1	25-FEB-2008 16:37:01	Straylight	42.500	65	Lam Vel	2.2040	4400.0	85	31314	No
213	GOM_NL__2PRFIN20080225_164636_000000442066_00198_31314_8725.N1	25-FEB-2008 16:46:36	Tw_i_and_stray	44.000	48	30Alp Hya	1.9770	4100.0	88	31314	No
214	GOM_NL__2PRFIN20080225_165738_000000372066_00198_31314_8726.N1	25-FEB-2008 16:57:38	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	31314	No
215	GOM_NL__2PRFIN20080225_171441_000000382066_00198_31314_8727.N1	25-FEB-2008 17:14:41	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	31314	No
216	GOM_NL__2PRFIN20080225_172203_000000362066_00198_31314_8728.N1	25-FEB-2008 17:22:03	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31314	No
217	GOM_NL__2PRFIN20080225_172708_000000332066_00198_31314_8729.N1	25-FEB-2008 17:27:08	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	31314	No
218	GOM_NL__2PRFIN20080225_172843_000000352066_00198_31314_8730.N1	25-FEB-2008 17:28:43	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	31314	No
219	GOM_NL__2PRFIN20080225_173013_000000352066_00198_31314_8731.N1	25-FEB-2008 17:30:13	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	31314	No

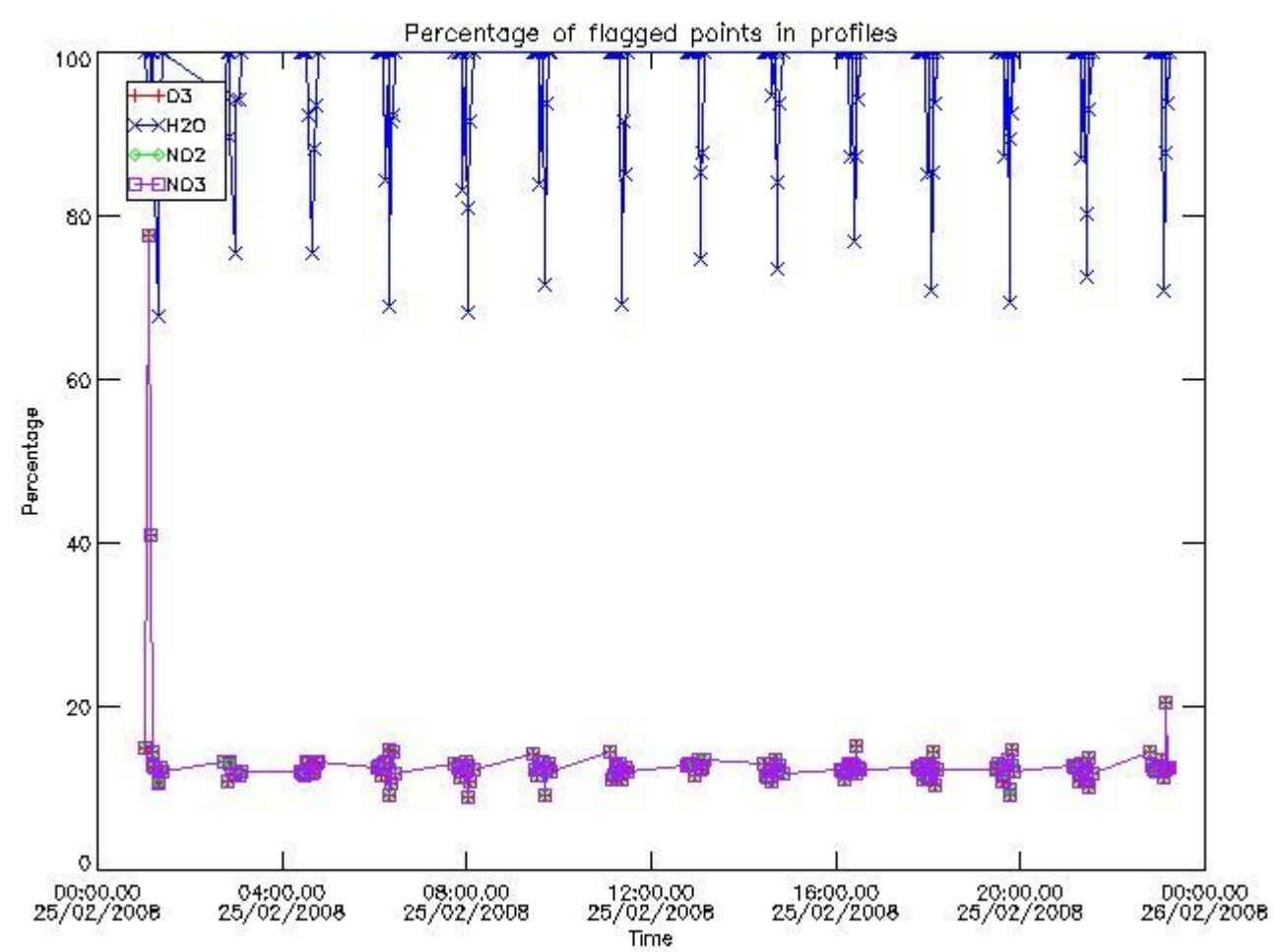
220	GOM_NL__2PRFIN20080225_173708_000000372066_00198_31314_8732.N1	25-FEB-2008 17:37:08	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	31314	No
221	GOM_NL__2PRFIN20080225_174649_000000412066_00198_31314_8733.N1	25-FEB-2008 17:46:49	Dark	41.000	155	41Pi Sgr	2.9000	6600.0	82	31314	No
222	GOM_NL__2PRFIN20080225_174835_000000422066_00198_31314_8734.N1	25-FEB-2008 17:48:35	Dark	41.500	57	34Sig Sgr	2.0660	26000.	83	31314	No
223	GOM_NL__2PRFIN20080225_175135_000000442066_00198_31314_8735.N1	25-FEB-2008 17:51:35	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	31314	No
224	GOM_NL__2PRFIN20080225_175413_000000462066_00198_31314_8736.N1	25-FEB-2008 17:54:13	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	31314	No
225	GOM_NL__2PRFIN20080225_175655_000000392066_00198_31314_8737.N1	25-FEB-2008 17:56:55	Dark	39.000	147	Alp Ara	2.8770	26000.	78	31314	No
226	GOM_NL__2PRFIN20080225_175813_000000442066_00199_31315_8729.N1	25-FEB-2008 17:58:13	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	31315	No
227	GOM_NL__2PRFIN20080225_180212_000000402066_00199_31315_8730.N1	25-FEB-2008 18:02:12	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	31315	No
228	GOM_NL__2PRFIN20080225_180443_000000452066_00199_31315_8731.N1	25-FEB-2008 18:04:43	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	31315	No
229	GOM_NL__2PRFIN20080225_180602_000000412066_00199_31315_8732.N1	25-FEB-2008 18:06:02	Dark	41.000	10	Bet Cen	0.61000	28000.	82	31315	No
230	GOM_NL__2PRFIN20080225_180734_000000352066_00199_31315_8733.N1	25-FEB-2008 18:07:34	Dark	35.000	112	Alp Mus	2.6880	26000.	70	31315	No
231	GOM_NL__2PRFIN20080225_180847_000000492066_00199_31315_8734.N1	25-FEB-2008 18:08:47	Dark	49.000	12	Alp1Cru	0.77500	30000.	98	31315	No
232	GOM_NL__2PRFIN20080225_181150_000000422066_00199_31315_8735.N1	25-FEB-2008 18:11:50	Dark	41.500	99	Del Cen	2.5750	26000.	83	31315	No
233	GOM_NL__2PRFIN20080225_181419_000000362066_00199_31315_8736.N1	25-FEB-2008 18:14:19	Straylight	35.500	91	Kap Vel	2.4900	26000.	71	31315	No
234	GOM_NL__2PRFIN20080225_181737_000000402066_00199_31315_8737.N1	25-FEB-2008 18:17:37	Straylight	40.000	65	Lam Vel	2.2040	4400.0	80	31315	No
235	GOM_NL__2PRFIN20080225_182712_000000442066_00199_31315_8738.N1	25-FEB-2008 18:27:12	Twilight_and_stray	44.000	48	30Alp Hya	1.9770	4100.0	88	31315	No
236	GOM_NL__2PRFIN20080225_183814_000000392066_00199_31315_8739.N1	25-FEB-2008 18:38:14	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	31315	No
237	GOM_NL__2PRFIN20080225_185517_000000372066_00199_31315_8740.N1	25-FEB-2008 18:55:17	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	31315	No
238	GOM_NL__2PRFIN20080225_190239_000000362066_00199_31315_8741.N1	25-FEB-2008 19:02:39	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31315	No
239	GOM_NL__2PRFIN20080225_190745_000000362066_00199_31315_8742.N1	25-FEB-2008 19:07:45	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31315	No
240	GOM_NL__2PRFIN20080225_190919_000000342066_00199_31315_8743.N1	25-FEB-2008 19:09:19	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	31315	No
241	GOM_NL__2PRFIN20080225_191050_000000512066_00199_31315_8744.N1	25-FEB-2008 19:10:50	Bright	51.000	92	53Eps Cyg	2.5000	4500.0	102	31315	No
242	GOM_NL__2PRFIN20080225_191744_000000472066_00199_31315_8745.N1	25-FEB-2008 19:17:44	Bright	47.000	168	17Zet Aql	2.9860	11000.	94	31315	No
243	GOM_NL__2PRFIN20080225_192725_000000422066_00199_31315_8746.N1	25-FEB-2008 19:27:25	Dark	41.500	155	41Pi Sgr	2.9000	6600.0	83	31315	No
244	GOM_NL__2PRFIN20080225_192911_000000412066_00199_31315_8747.N1	25-FEB-2008 19:29:11	Dark	40.500	57	34Sig Sgr	2.0660	26000.	81	31315	No
245	GOM_NL__2PRFIN20080225_193212_000000402066_00199_31315_8748.N1	25-FEB-2008 19:32:12	Dark	39.500	38	20Eps Sgr	1.8360	11000.	79	31315	No
246	GOM_NL__2PRFIN20080225_193450_000000472066_00199_31315_8749.N1	25-FEB-2008 19:34:50	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	31315	No
247	GOM_NL__2PRFIN20080225_193731_000000422066_00199_31315_8750.N1	25-FEB-2008 19:37:31	Dark	41.500	147	Alp Ara	2.8770	26000.	83	31315	No
248	GOM_NL__2PRFIN20080225_193850_000000442066_00200_31316_8507.N1	25-FEB-2008 19:38:50	Dark	43.500	141	Bet Ara	2.8400	4600.0	87	31316	No
249	GOM_NL__2PRFIN20080225_194249_000000382066_00200_31316_8508.N1	25-FEB-2008 19:42:49	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31316	No
250	GOM_NL__2PRFIN20080225_194519_000000562066_00200_31316_8509.N1	25-FEB-2008 19:45:19	Dark	56.000	4	Alp1Cen	-0.010000	5800.0	112	31316	No
251	GOM_NL__2PRFIN20080225_194639_000000522066_00200_31316_8510.N1	25-FEB-2008 19:46:39	Dark	52.000	10	Bet Cen	0.61000	28000.	104	31316	No
252	GOM_NL__2PRFIN20080225_194810_000000382066_00200_31316_8511.N1	25-FEB-2008 19:48:10	Dark	38.000	112	Alp Mus	2.6880	26000.	76	31316	No
253	GOM_NL__2PRFIN20080225_194923_000000402066_00200_31316_8512.N1	25-FEB-2008 19:49:23	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	31316	No
254	GOM_NL__2PRFIN20080225_195226_000000422066_00200_31316_8513.N1	25-FEB-2008 19:52:26	Dark	41.500	99	Del Cen	2.5750	26000.	83	31316	No
255	GOM_NL__2PRFIN20080225_195455_000000392066_00200_31316_8514.N1	25-FEB-2008 19:54:55	Straylight	39.000	91	Kap Vel	2.4900	26000.	78	31316	No
256	GOM_NL__2PRFIN20080225_195813_000000422066_00200_31316_8515.N1	25-FEB-2008 19:58:13	Straylight	42.000	65	Lam Vel	2.2040	4400.0	84	31316	No
257	GOM_NL__2PRFIN20080225_200748_000000472066_00200_31316_8516.N1	25-FEB-2008 20:07:48	Twilight_and_stray	46.500	48	30Alp Hya	1.9770	4100.0	93	31316	No
258	GOM_NL__2PRFIN20080225_201850_000000382066_00200_31316_8517.N1	25-FEB-2008 20:18:50	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31316	No
259	GOM_NL__2PRFIN20080225_203552_000000362066_00200_31316_8518.N1	25-FEB-2008 20:35:52	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31316	No
260	GOM_NL__2PRFIN20080225_204315_000000332066_00200_31316_8519.N1	25-FEB-2008 20:43:15	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	31316	No
261	GOM_NL__2PRFIN20080225_204821_000000342066_00200_31316_8520.N1	25-FEB-2008 20:48:21	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31316	No
262	GOM_NL__2PRFIN20080225_204955_000000362066_00200_31316_8521.N1	25-FEB-2008 20:49:55	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	31316	No
263	GOM_NL__2PRFIN20080225_205126_000000342066_00200_31316_8522.N1	25-FEB-2008 20:51:26	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	31316	No
264	GOM_NL__2PRFIN20080225_205820_000000372066_00200_31316_8523.N1	25-FEB-2008 20:58:20	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	31316	No
265	GOM_NL__2PRFIN20080225_210802_000000402066_00200_31316_8524.N1	25-FEB-2008 21:08:02	Dark	40.000	155	41Pi Sgr	2.9000	6600.0	80	31316	No
266	GOM_NL__2PRFIN20080225_210948_000000412066_00200_31316_8525.N1	25-FEB-2008 21:09:48	Dark	40.500	57	34Sig Sgr	2.0660	26000.	81	31316	No
267	GOM_NL__2PRFIN20080225_211248_000000412066_00200_31316_8526.N1	25-FEB-2008 21:12:48	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	31316	No
268	GOM_NL__2PRFIN20080225_211527_000000472066_00200_31316_8527.N1	25-FEB-2008 21:15:27	Dark	47.000	25	35Lam Sco	1.6200	28000.	94	31316	No
269	GOM_NL__2PRFIN20080225_211807_000000392066_00200_31316_8528.N1	25-FEB-2008 21:18:07	Dark	39.000	147	Alp Ara	2.8770	26000.	78	31316	No
270	GOM_NL__2PRFIN20080225_211926_000000432066_00201_31317_8513.N1	25-FEB-2008 21:19:26	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	31317	No
271	GOM_NL__2PRFIN20080225_212325_000000392066_00201_31317_8514.N1	25-FEB-2008 21:23:25	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	31317	No
272	GOM_NL__2PRFIN20080225_212556_000000432066_00201_31317_8515.N1	25-FEB-2008 21:25:56	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	31317	No
273	GOM_NL__2PRFIN20080225_212715_000000462066_00201_31317_8516.N1	25-FEB-2008 21:27:15	Dark	46.000	10	Bet Cen	0.61000	28000.	92	31317	No
274	GOM_NL__2PRFIN20080225_212847_000000372066_00201_31317_8517.N1	25-FEB-2008 21:28:47	Dark	37.000	112	Alp Mus	2.6880	26000.	74	31317	No
275	GOM_NL__2PRFIN20080225_212959_000000512066_00201_31317_8518.N1	25-FEB-2008 21:29:59	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	31317	No
276	GOM_NL__2PRFIN20080225_213303_000000442066_00201_31317_8519.N1	25-FEB-2008 21:33:03	Dark	43.500	99	Del Cen	2.5750	26000.	87	31317	No
277	GOM_NL__2PRFIN20080225_213531_000000392066_00201_31317_8520.N1	25-FEB-2008 21:35:31	Straylight	38.500	91	Kap Vel	2.4900	26000.	77	31317	No
278	GOM_NL__2PRFIN20080225_213849_000000412066_00201_31317_8521.N1	25-FEB-2008 21:38:49	Straylight	41.000	65	Lam Vel	2.2040	4400.0	82	31317	No

279	GOM_NL__2PRFIN20080225_214824_000000462066_00201_31317_8522.N1	25-FEB-2008 21:48:24	Twilight	45.500	48	30Alp Hya	1.9770	4100.0	91	31317	No
280	GOM_NL__2PRFIN20080225_215926_000000382066_00201_31317_8523.N1	25-FEB-2008 21:59:26	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	31317	No
281	GOM_NL__2PRFIN20080225_221628_000000362066_00201_31317_8524.N1	25-FEB-2008 22:16:28	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31317	No
282	GOM_NL__2PRFIN20080225_222351_000000362066_00201_31317_8525.N1	25-FEB-2008 22:23:51	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31317	No
283	GOM_NL__2PRFIN20080225_222857_000000372066_00201_31317_8526.N1	25-FEB-2008 22:28:57	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	31317	No
284	GOM_NL__2PRFIN20080225_223031_000000362066_00201_31317_8527.N1	25-FEB-2008 22:30:31	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	31317	No
285	GOM_NL__2PRFIN20080225_223202_000000342066_00201_31317_8528.N1	25-FEB-2008 22:32:02	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	31317	No
286	GOM_NL__2PRFIN20080225_223856_000000382066_00201_31317_8529.N1	25-FEB-2008 22:38:56	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	31317	No
287	GOM_NL__2PRFIN20080225_224838_000000392066_00201_31317_8530.N1	25-FEB-2008 22:48:38	Dark	38.500	155	41Pi Sgr	2.9000	6600.0	77	31317	No
288	GOM_NL__2PRFIN20080225_225024_000000402066_00201_31317_8531.N1	25-FEB-2008 22:50:24	Dark	40.000	57	34Sig Sgr	2.0660	26000.	80	31317	No
289	GOM_NL__2PRFIN20080225_225325_000000422066_00201_31317_8532.N1	25-FEB-2008 22:53:25	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	31317	No
290	GOM_NL__2PRFIN20080225_225603_000000432066_00201_31317_8533.N1	25-FEB-2008 22:56:03	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	31317	No
291	GOM_NL__2PRFIN20080225_230002_000000402066_00202_31318_8724.N1	25-FEB-2008 23:00:02	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	31318	No
292	GOM_NL__2PRFIN20080225_230402_000000382066_00202_31318_8725.N1	25-FEB-2008 23:04:02	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31318	No
293	GOM_NL__2PRFIN20080225_230632_000000452066_00202_31318_8726.N1	25-FEB-2008 23:06:32	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	31318	No
294	GOM_NL__2PRFIN20080225_230752_000000422066_00202_31318_8727.N1	25-FEB-2008 23:07:52	Dark	41.500	10	Bet Cen	0.61000	28000.	83	31318	No
295	GOM_NL__2PRFIN20080225_230933_000000252066_00202_31318_8728.N1	25-FEB-2008 23:09:33	Dark	25.000	77	Eps Cen	2.3030	28000.	50	31318	No
296	GOM_NL__2PRFIN20080225_231036_000000412066_00202_31318_8729.N1	25-FEB-2008 23:10:36	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	31318	No
297	GOM_NL__2PRFIN20080225_231339_000000412066_00202_31318_8730.N1	25-FEB-2008 23:13:39	Dark	40.500	99	Del Cen	2.5750	26000.	81	31318	No
298	GOM_NL__2PRFIN20080225_231607_000000382066_00202_31318_8731.N1	25-FEB-2008 23:16:07	Straylight	38.000	91	Kap Vel	2.4900	26000.	76	31318	No
299	GOM_NL__2PRFIN20080225_231925_000000442066_00202_31318_8732.N1	25-FEB-2008 23:19:25	Straylight	43.500	65	Lam Vel	2.2040	4400.0	87	31318	No
300	GOM_NL__2PRFIN20080225_232900_000000452066_00202_31318_8733.N1	25-FEB-2008 23:29:00	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	31318	No
301	GOM_NL__2PRFIN20080225_234002_000000362066_00202_31318_8734.N1	25-FEB-2008 23:40:02	Bright	35.500	17	78Bet Gem	1.1610	4500.0	71	31318	No
302	GOM_NL__2PRFIN20080225_235704_000000342066_00202_31318_8735.N1	25-FEB-2008 23:57:04	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	31318	No

3. Quality information per product

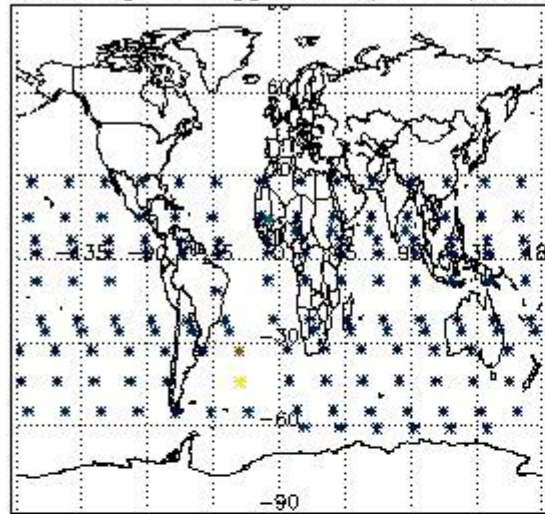
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

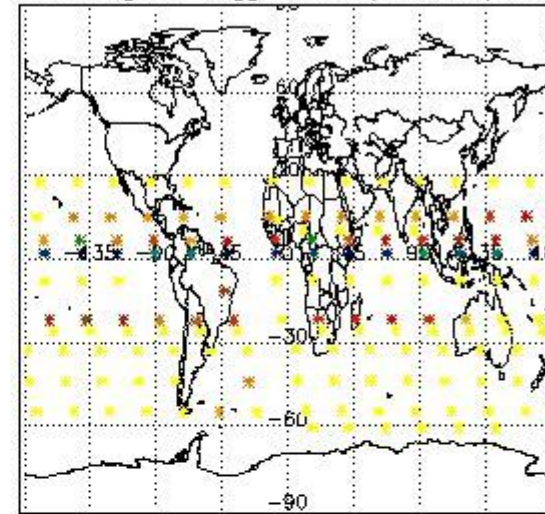


3.2 Plot quality information per product (world map)

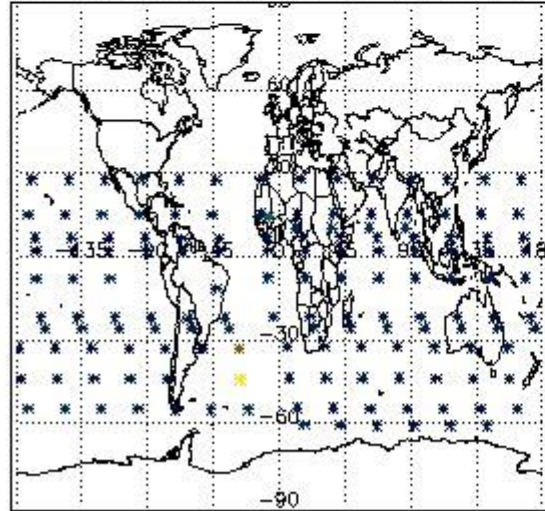
Percentage of flagged data per O3 profile



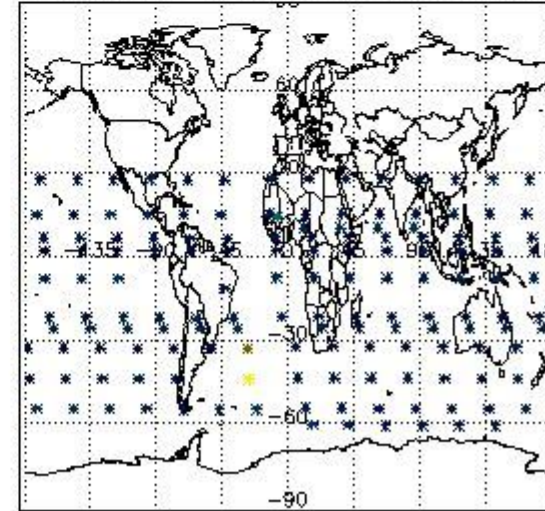
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

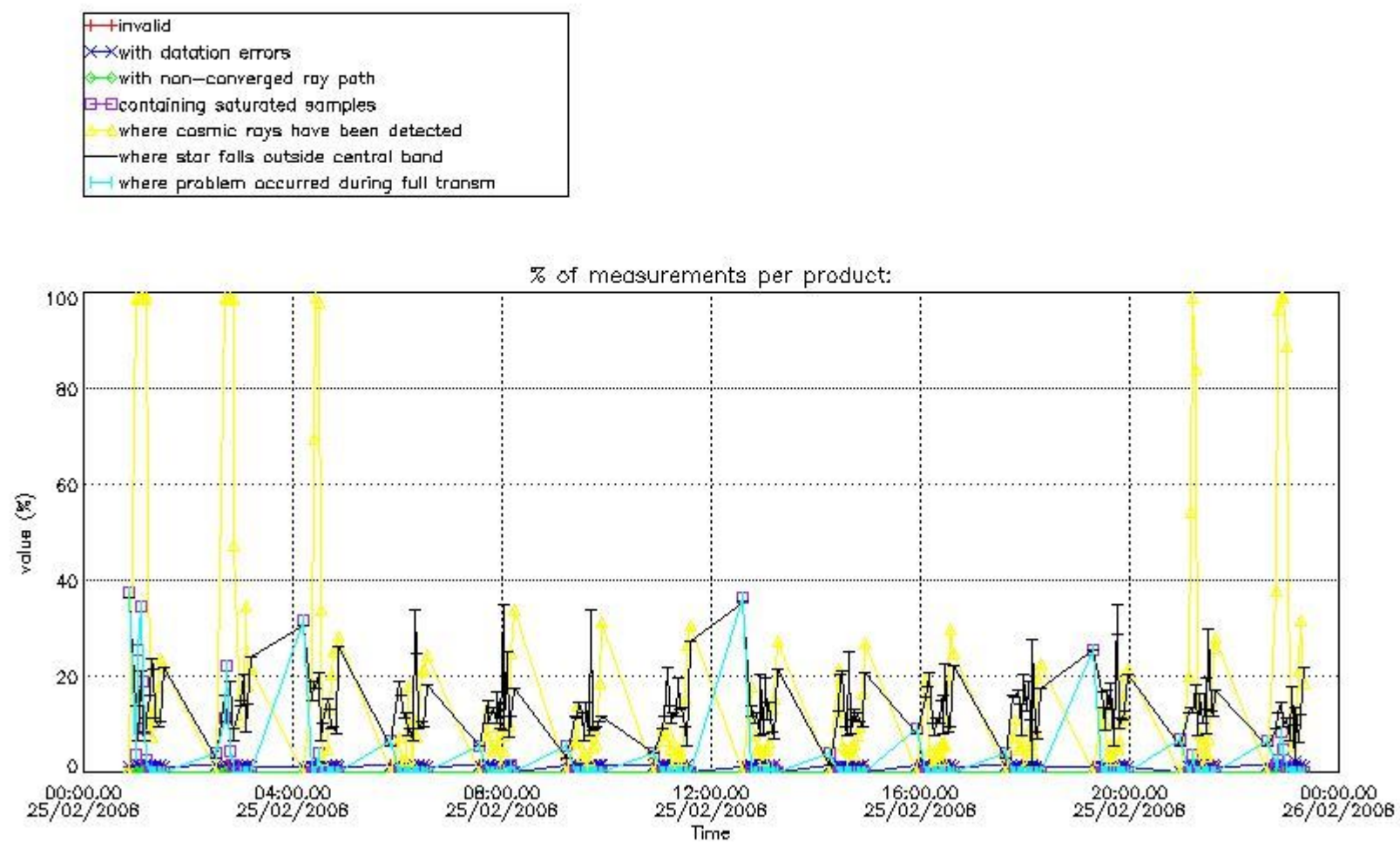


4. Level 1 quality information per product

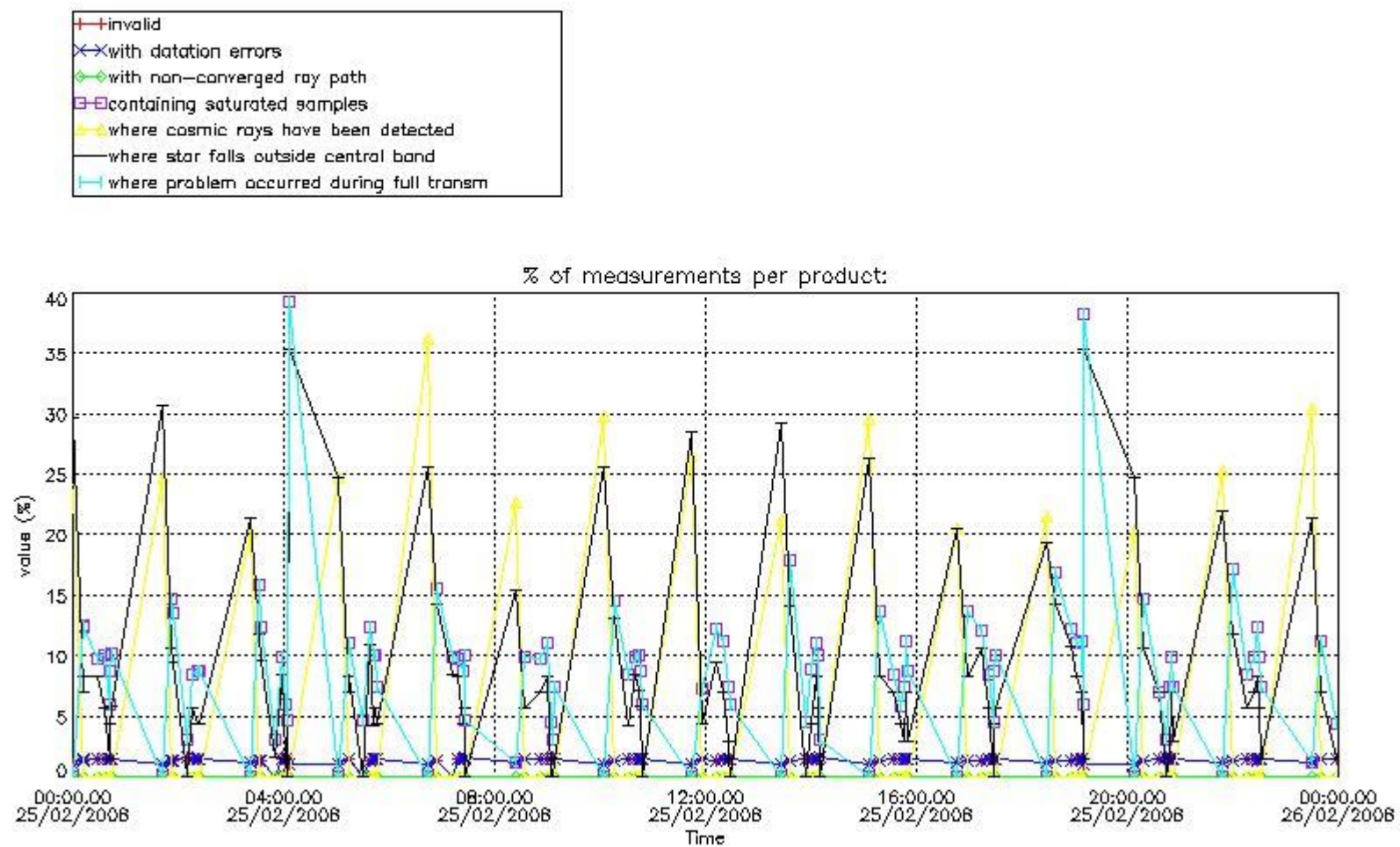
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



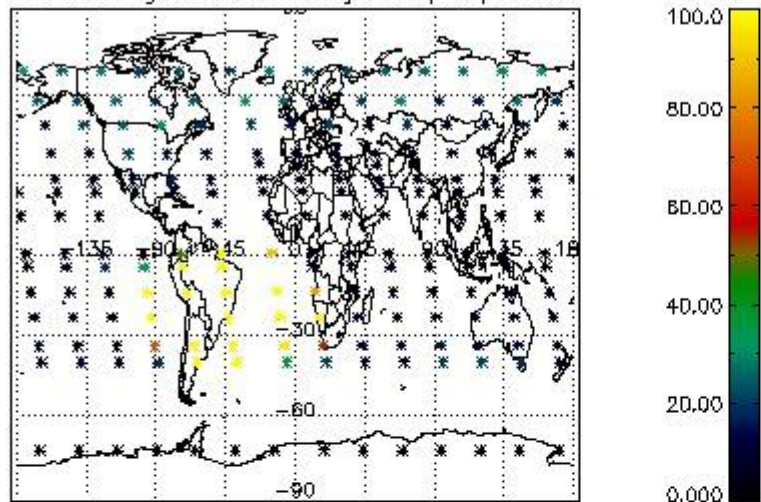
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



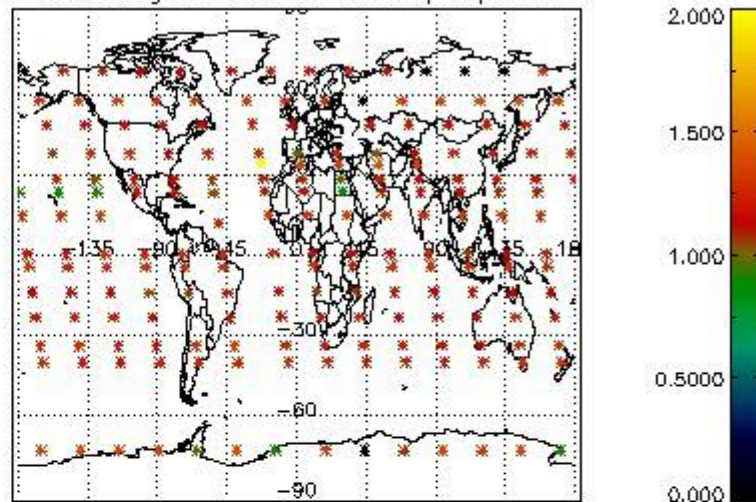
4.2 Plot quality information per product coming from level 1b processing (world map)

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

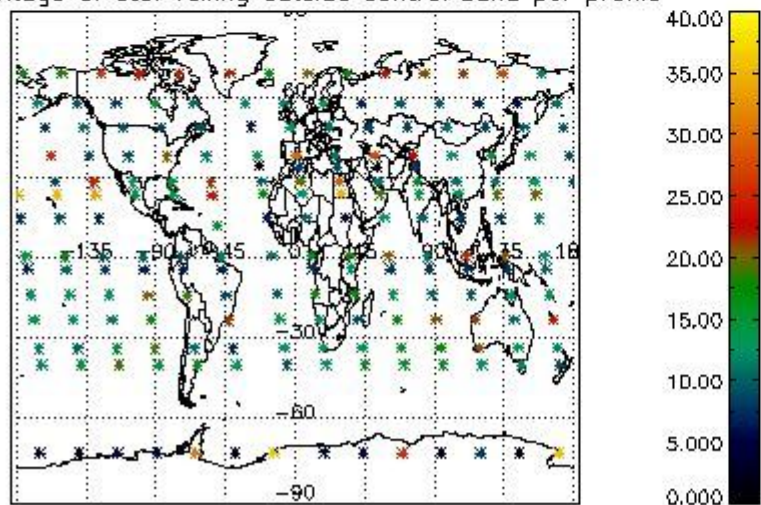
Percentage of cosmic ray hits per profile



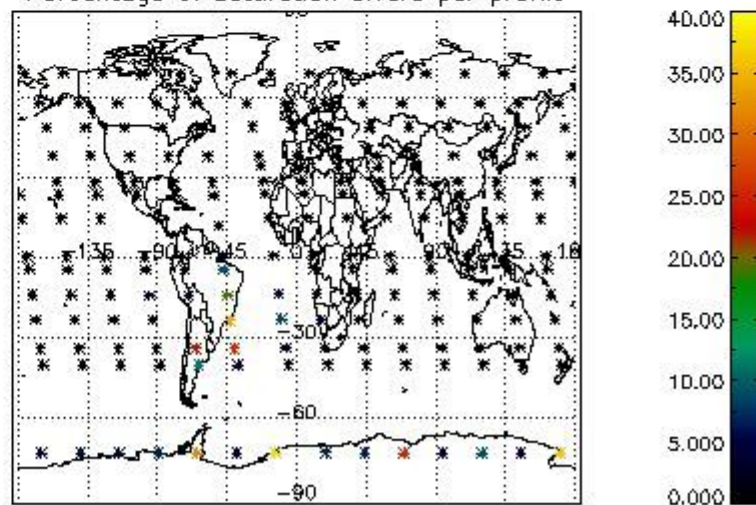
Percentage of datation errors per profile



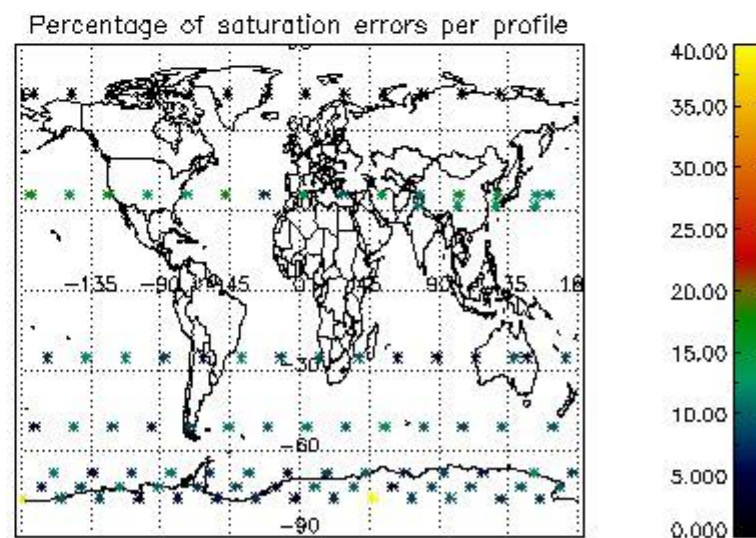
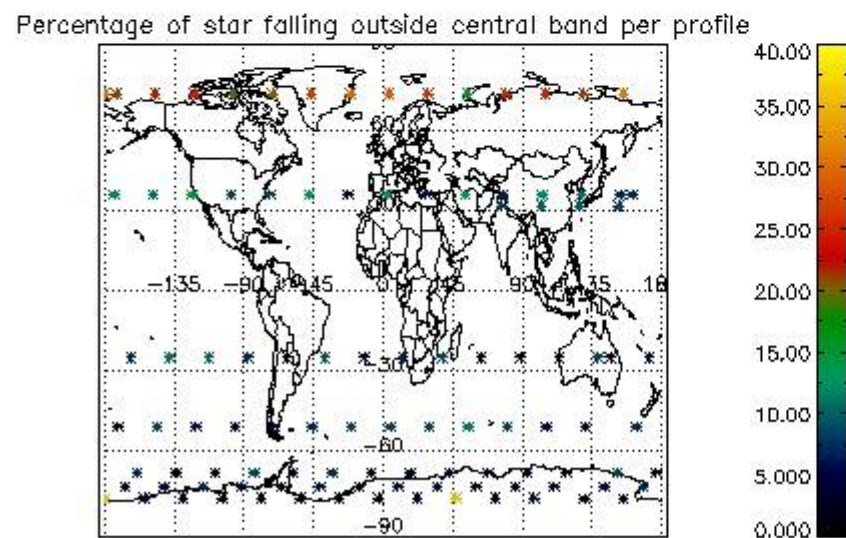
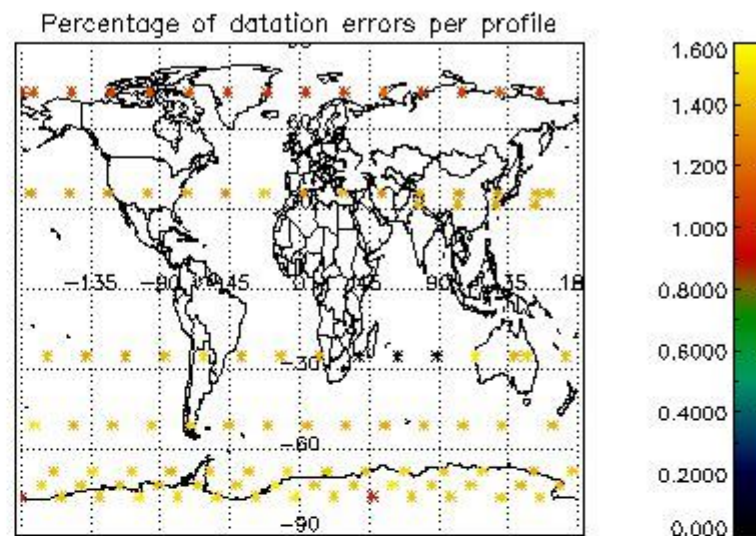
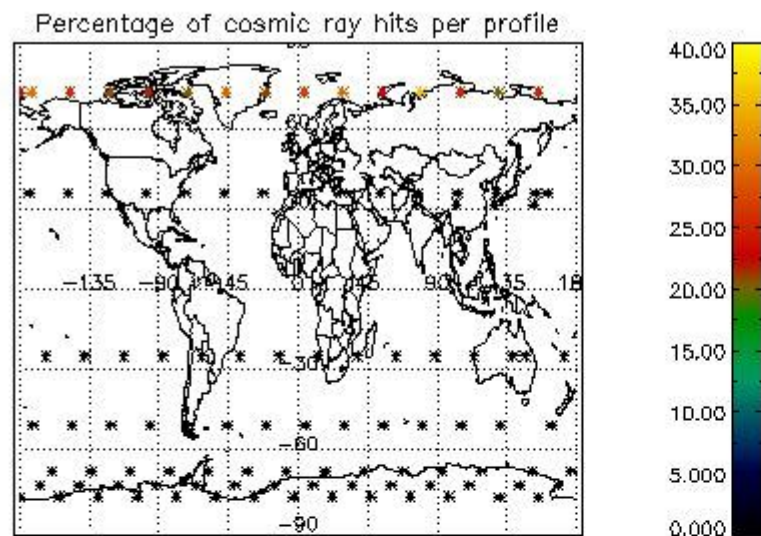
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

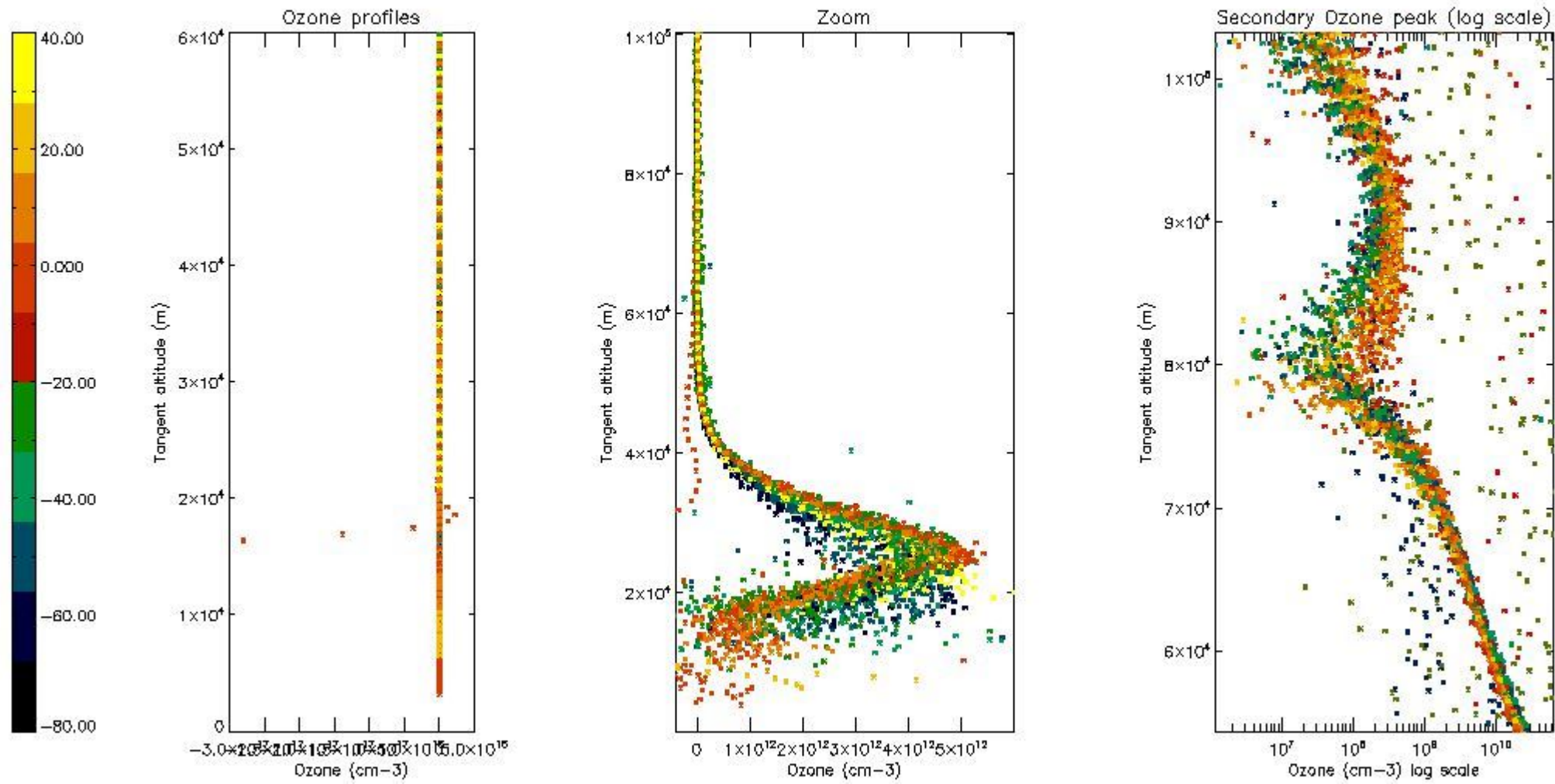
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	52
STD < 20	31

STD < 10	25
STD < 5	19

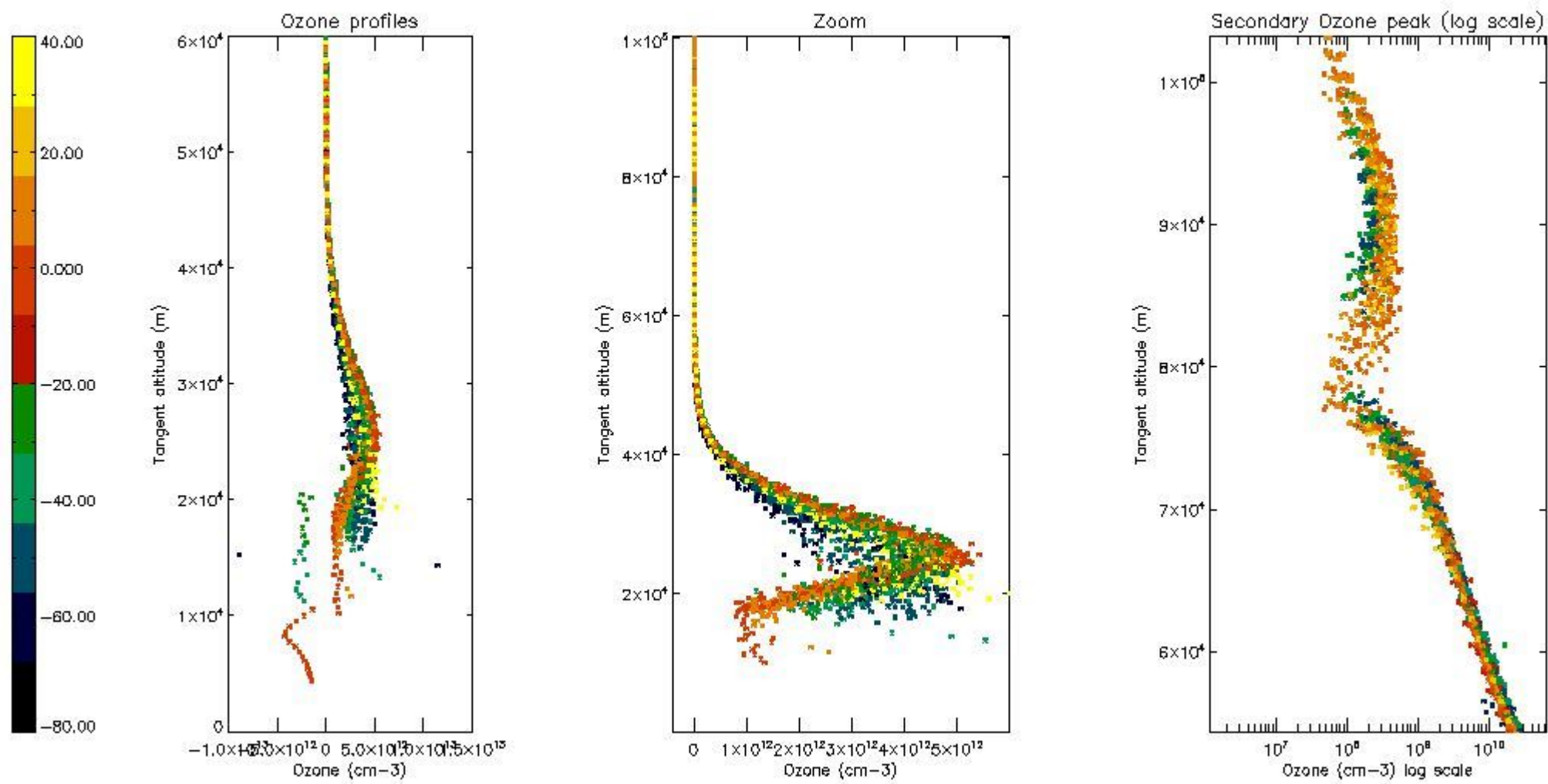
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



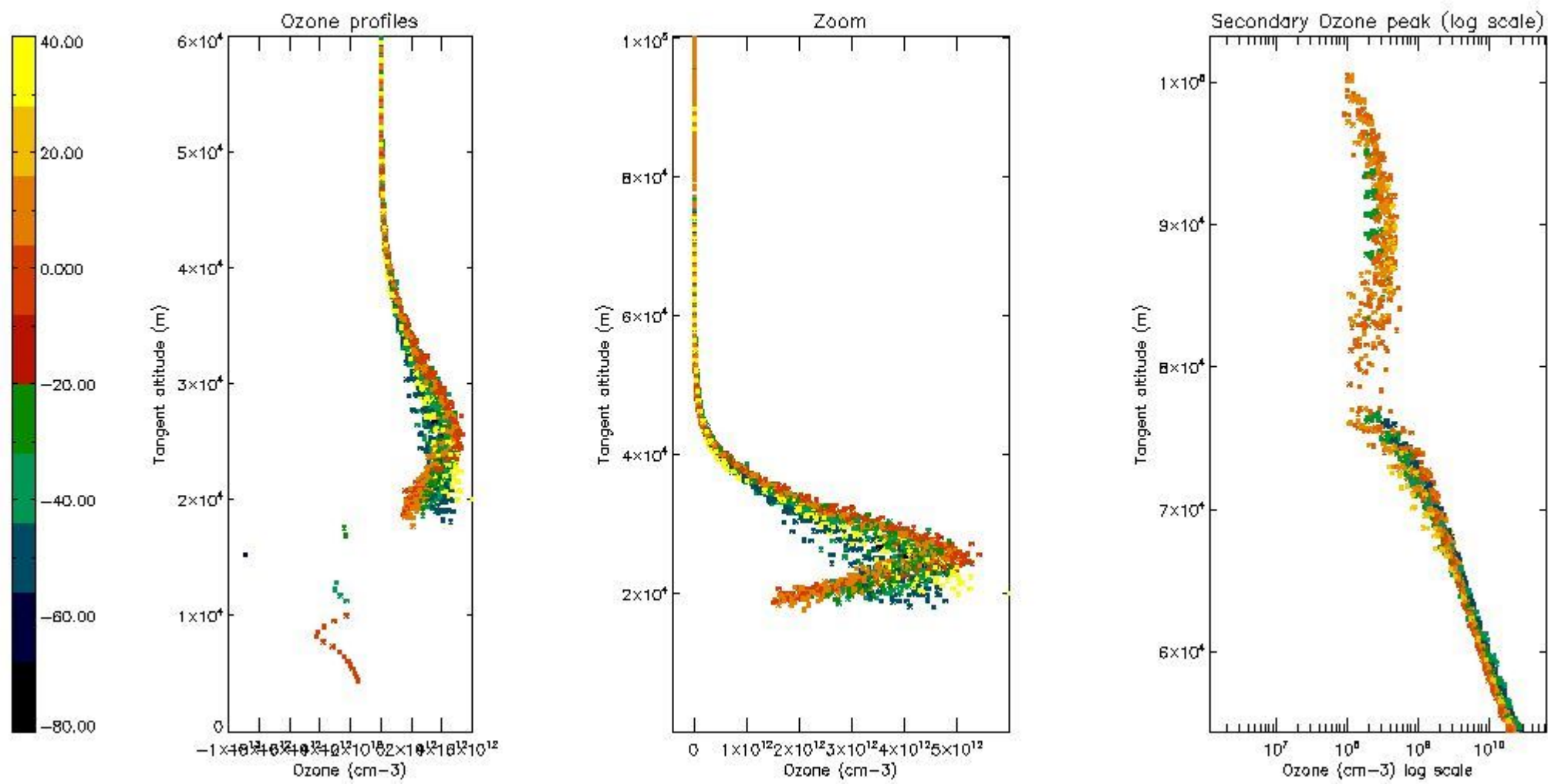
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



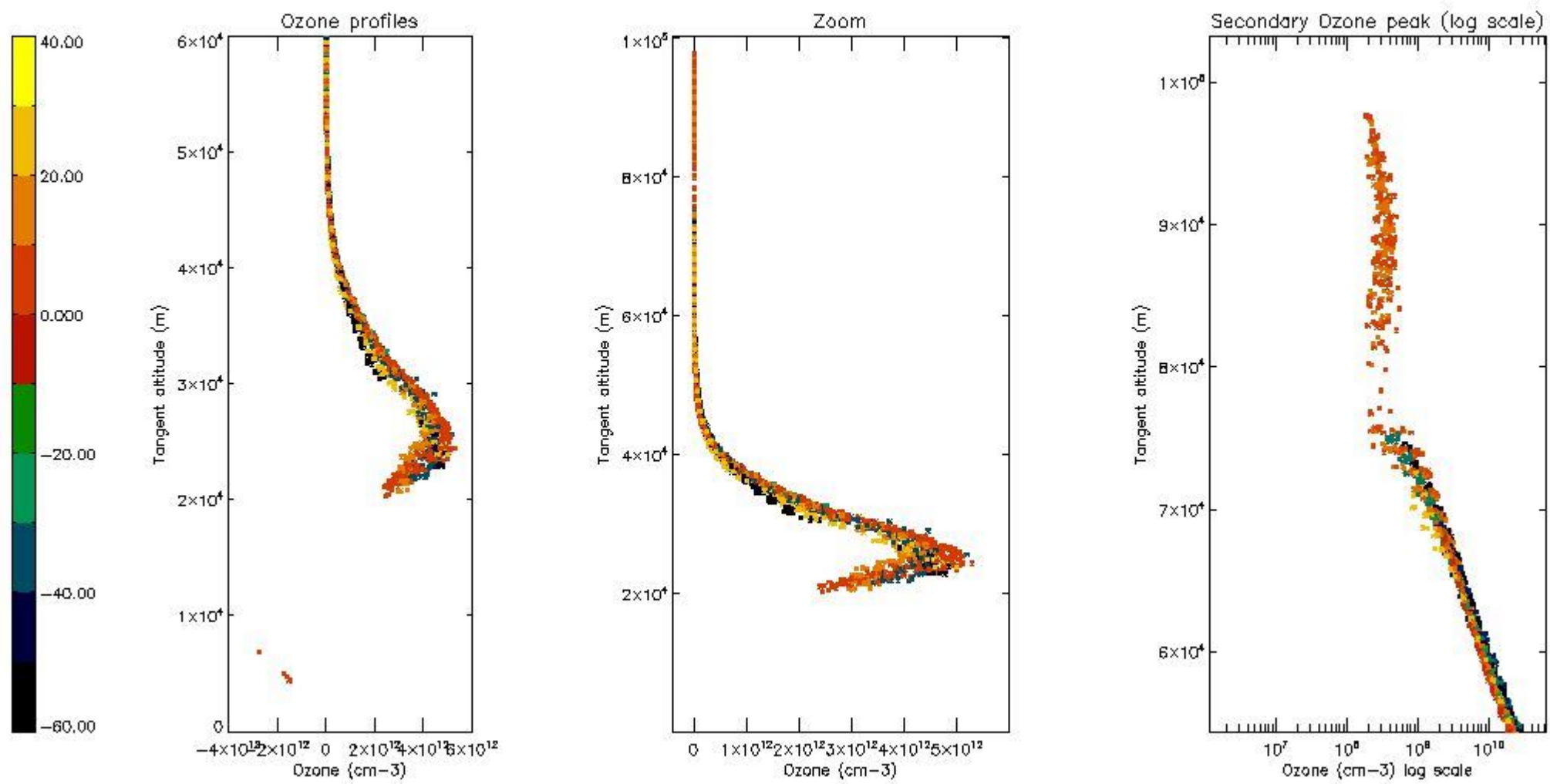
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



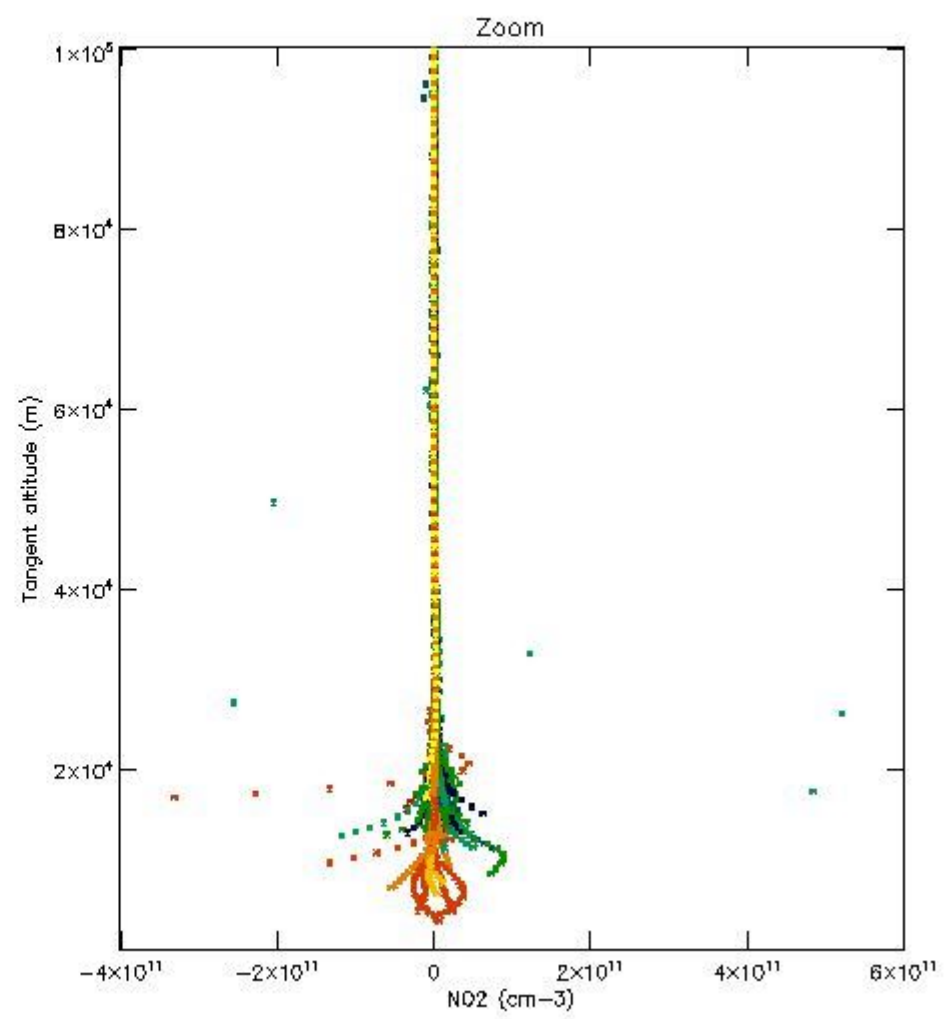
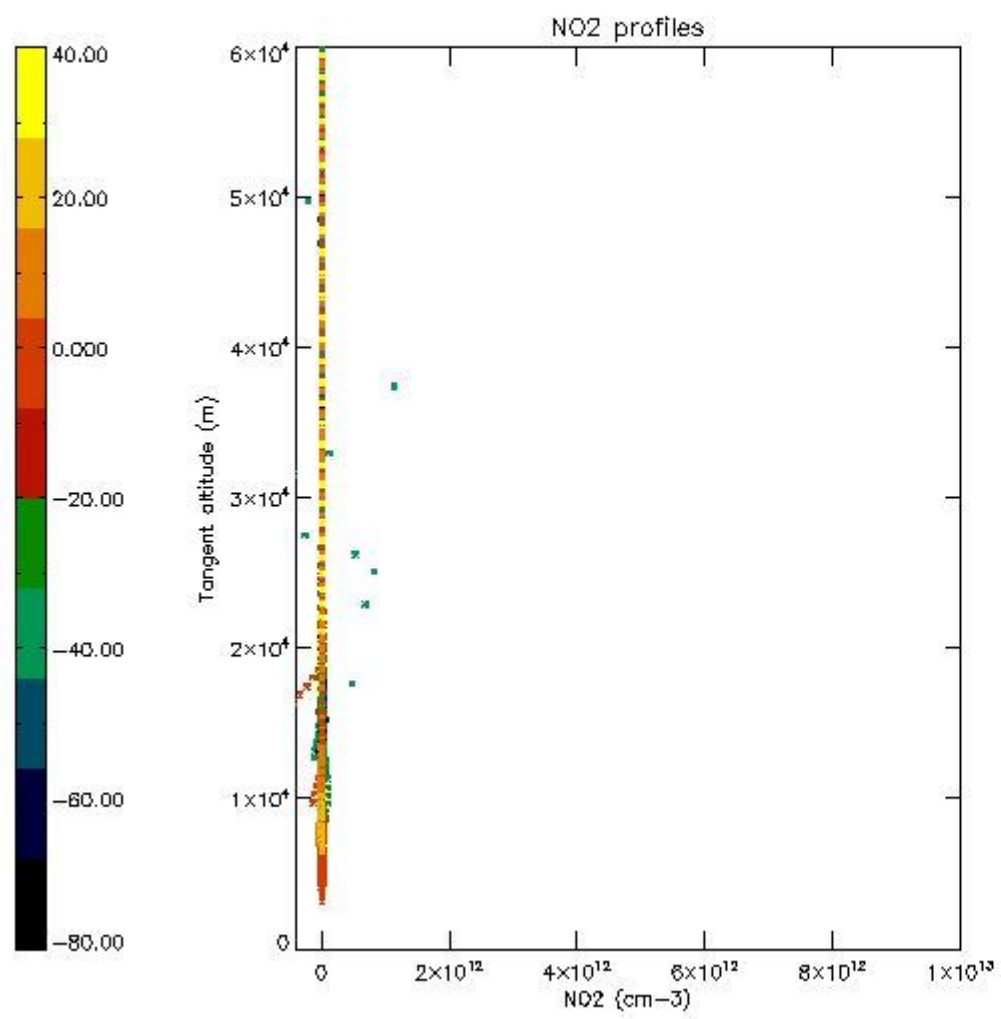
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



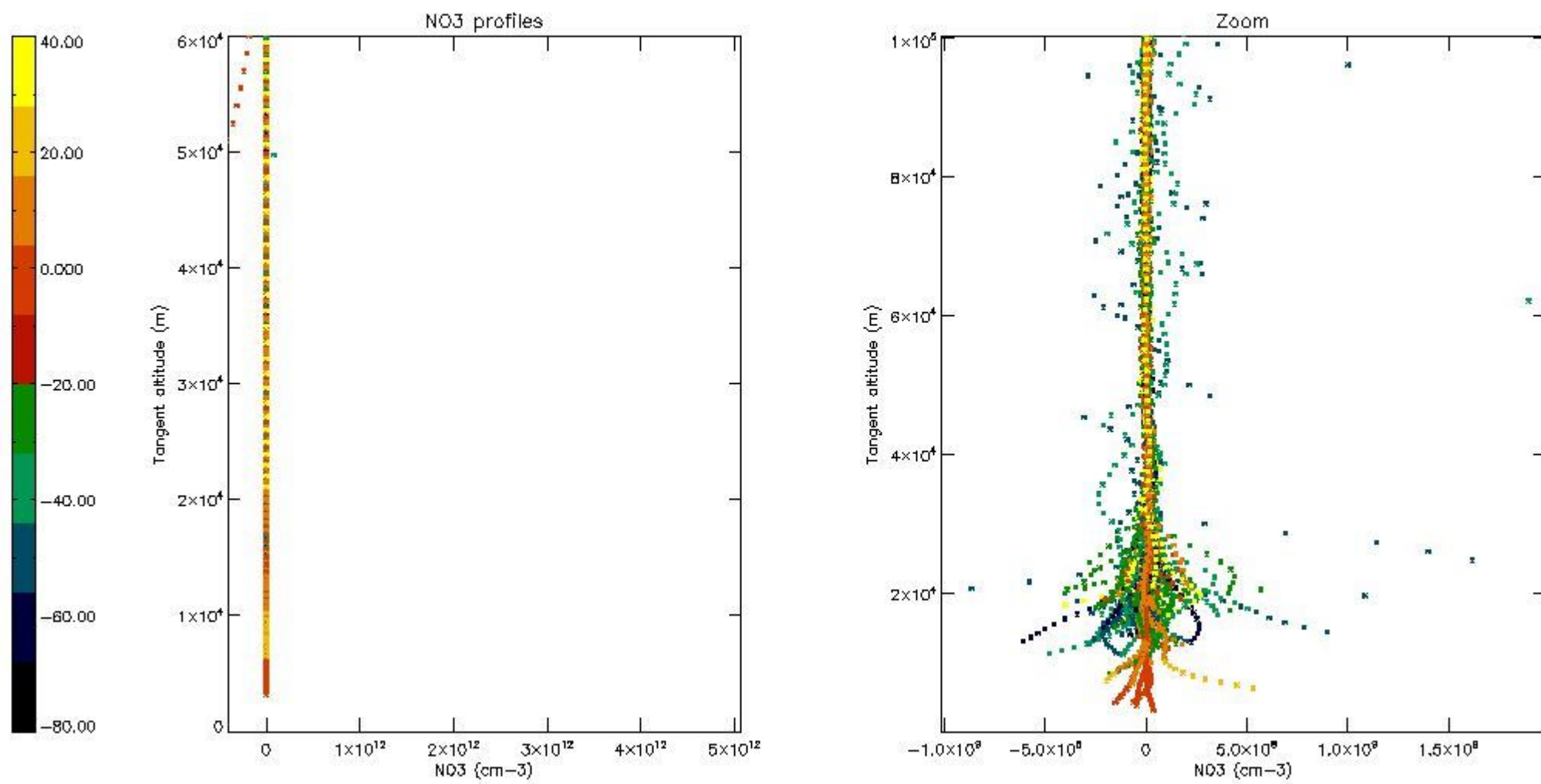
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



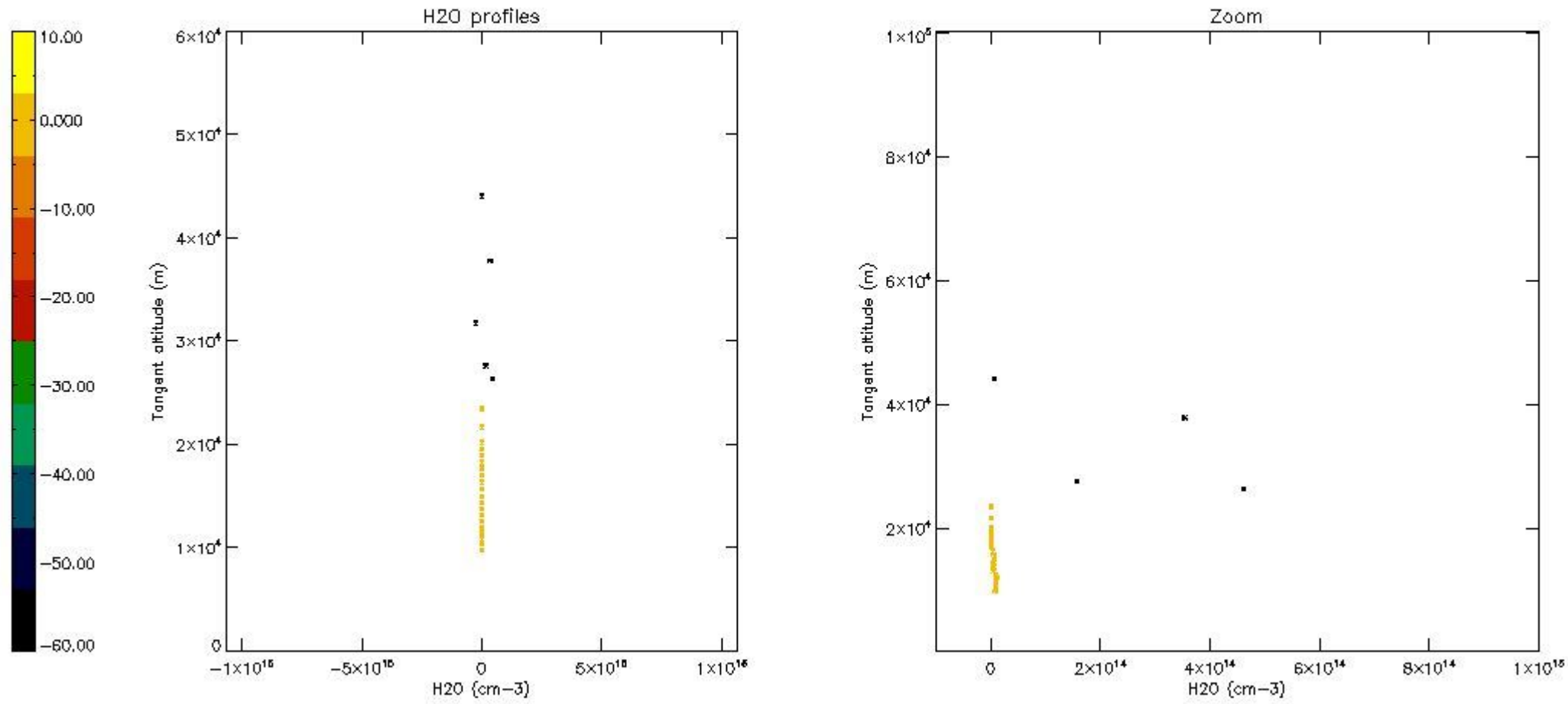
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-FEB-2008 00:00:36
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-FEB-2008 00:00:36
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-FEB-2008 00:00:36

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	25APR2013 10:53:32
Data source version	GOMOS/6.01
Start time of products	25-02-2008 (25FEB2008 00:00:00)
Stop time of products	26-02-2008 (26FEB2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	302
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__2PRFIN20080225_000036_00000512066_00188_31304_8243.N1	25-FEB-2008 00:00:36	Twilight	50.500	48	30Alp Hya	1.9770	4100.0	101	31304	No
2	GOM_NL__2PRFIN20080225_001136_00000362066_00188_31304_8244.N1	25-FEB-2008 00:11:36	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	31304	No
3	GOM_NL__2PRFIN20080225_001248_00000372066_00188_31304_8245.N1	25-FEB-2008 00:12:48	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	31304	No
4	GOM_NL__2PRFIN20080225_002841_00000362066_00188_31304_8246.N1	25-FEB-2008 00:28:41	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	31304	No
5	GOM_NL__2PRFIN20080225_003602_00000352066_00188_31304_8247.N1	25-FEB-2008 00:36:02	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	31304	No
6	GOM_NL__2PRFIN20080225_004107_00000342066_00188_31304_8248.N1	25-FEB-2008 00:41:07	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	31304	No
7	GOM_NL__2PRFIN20080225_004242_00000352066_00188_31304_8249.N1	25-FEB-2008 00:42:42	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	31304	No
8	GOM_NL__2PRFIN20080225_004412_00000352066_00188_31304_8250.N1	25-FEB-2008 00:44:12	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	31304	No
9	GOM_NL__2PRFIN20080225_005105_00000552066_00188_31304_8251.N1	25-FEB-2008 00:51:05	Bright	55.000	168	17Zet Aql	2.9860	11000.	110	31304	No
10	GOM_NL__2PRFIN20080225_010046_00000402066_00188_31304_8252.N1	25-FEB-2008 01:00:46	Twilight	40.000	155	41Pi Sgr	2.9000	6600.0	80	31304	No
11	GOM_NL__2PRFIN20080225_010231_00000382066_00188_31304_8253.N1	25-FEB-2008 01:02:31	Dark	37.500	57	34Sig Sgr	2.0660	26000.	75	31304	No
12	GOM_NL__2PRFIN20080225_010531_00000452066_00188_31304_8254.N1	25-FEB-2008 01:05:31	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	31304	No
13	GOM_NL__2PRFIN20080225_010806_00000422066_00188_31304_8255.N1	25-FEB-2008 01:08:06	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	31304	No
14	GOM_NL__2PRFIN20080225_011049_00000392066_00188_31304_8256.N1	25-FEB-2008 01:10:49	Dark	38.500	147	Alp Ara	2.8770	26000.	77	31304	No
15	GOM_NL__2PRFIN20080225_011209_00000402066_00189_31305_8255.N1	25-FEB-2008 01:12:09	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	31305	No
16	GOM_NL__2PRFIN20080225_011527_00000412066_00189_31305_8256.N1	25-FEB-2008 01:15:27	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	31305	No
17	GOM_NL__2PRFIN20080225_011837_00000492066_00189_31305_8257.N1	25-FEB-2008 01:18:37	Dark	48.500	4	Alp1Cen	-0.010000	5800.0	97	31305	No
18	GOM_NL__2PRFIN20080225_011957_00000472066_00189_31305_8258.N1	25-FEB-2008 01:19:57	Dark	46.500	10	Bet Cen	0.61000	28000.	93	31305	No
19	GOM_NL__2PRFIN20080225_012243_00000412066_00189_31305_8259.N1	25-FEB-2008 01:22:43	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	31305	No
20	GOM_NL__2PRFIN20080225_012545_00000422066_00189_31305_8260.N1	25-FEB-2008 01:25:45	Dark	42.000	99	Del Cen	2.5750	26000.	84	31305	No
21	GOM_NL__2PRFIN20080225_012817_00000382066_00189_31305_8261.N1	25-FEB-2008 01:28:17	Straylight	38.000	91	Kap Vel	2.4900	26000.	76	31305	No
22	GOM_NL__2PRFIN20080225_013136_00000442066_00189_31305_8262.N1	25-FEB-2008 01:31:36	Straylight	43.500	65	Lam Vel	2.2040	4400.0	87	31305	No
23	GOM_NL__2PRFIN20080225_014112_00000512066_00189_31305_8263.N1	25-FEB-2008 01:41:12	Twilight	50.500	48	30Alp Hya	1.9770	4100.0	101	31305	No
24	GOM_NL__2PRFIN20080225_015212_00000382066_00189_31305_8264.N1	25-FEB-2008 01:52:12	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31305	No
25	GOM_NL__2PRFIN20080225_015324_00000372066_00189_31305_8265.N1	25-FEB-2008 01:53:24	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	31305	No
26	GOM_NL__2PRFIN20080225_020917_00000332066_00189_31305_8266.N1	25-FEB-2008 02:09:17	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	31305	No
27	GOM_NL__2PRFIN20080225_021638_00000362066_00189_31305_8267.N1	25-FEB-2008 02:16:38	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31305	No
28	GOM_NL__2PRFIN20080225_022144_00000352066_00189_31305_8268.N1	25-FEB-2008 02:21:44	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	31305	No
29	GOM_NL__2PRFIN20080225_022318_00000352066_00189_31305_8269.N1	25-FEB-2008 02:23:18	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	31305	No
30	GOM_NL__2PRFIN20080225_022448_00000352066_00189_31305_8270.N1	25-FEB-2008 02:24:48	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	31305	No
31	GOM_NL__2PRFIN20080225_023142_00000362066_00189_31305_8271.N1	25-FEB-2008 02:31:42	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	31305	No
32	GOM_NL__2PRFIN20080225_024122_00000412066_00189_31305_8272.N1	25-FEB-2008 02:41:22	Twilight	40.500	155	41Pi Sgr	2.9000	6600.0	81	31305	No
33	GOM_NL__2PRFIN20080225_024308_00000392066_00189_31305_8273.N1	25-FEB-2008 02:43:08	Dark	38.500	57	34Sig Sgr	2.0660	26000.	77	31305	No
34	GOM_NL__2PRFIN20080225_024843_00000482066_00189_31305_8274.N1	25-FEB-2008 02:48:43	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	31305	No
35	GOM_NL__2PRFIN20080225_025126_00000392066_00189_31305_8275.N1	25-FEB-2008 02:51:26	Dark	38.500	147	Alp Ara	2.8770	26000.	77	31305	No
36	GOM_NL__2PRFIN20080225_025245_00000392066_00190_31306_8264.N1	25-FEB-2008 02:52:45	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	31306	No
37	GOM_NL__2PRFIN20080225_025914_00000432066_00190_31306_8265.N1	25-FEB-2008 02:59:14	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	31306	No
38	GOM_NL__2PRFIN20080225_030034_00000442066_00190_31306_8266.N1	25-FEB-2008 03:00:34	Dark	43.500	10	Bet Cen	0.61000	28000.	87	31306	No
39	GOM_NL__2PRFIN20080225_030319_00000442066_00190_31306_8267.N1	25-FEB-2008 03:03:19	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	31306	No
40	GOM_NL__2PRFIN20080225_030621_00000422066_00190_31306_8268.N1	25-FEB-2008 03:06:21	Dark	42.000	99	Del Cen	2.5750	26000.	84	31306	No
41	GOM_NL__2PRFIN20080225_030853_00000392066_00190_31306_8269.N1	25-FEB-2008 03:08:53	Straylight	39.000	91	Kap Vel	2.4900	26000.	78	31306	No
42	GOM_NL__2PRFIN20080225_031212_00000442066_00190_31306_8270.N1	25-FEB-2008 03:12:12	Straylight	44.000	65	Lam Vel	2.2040	4400.0	88	31306	No

43	GOM_NL__2PRFIN20080225_032148_000000452066_00190_31306_8271.N1	25-FEB-2008 03:21:48	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	31306	No
44	GOM_NL__2PRFIN20080225_033248_000000382066_00190_31306_8272.N1	25-FEB-2008 03:32:48	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	31306	No
45	GOM_NL__2PRFIN20080225_033400_000000372066_00190_31306_8273.N1	25-FEB-2008 03:34:00	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	31306	No
46	GOM_NL__2PRFIN20080225_034953_000000322066_00190_31306_8274.N1	25-FEB-2008 03:49:53	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	31306	No
47	GOM_NL__2PRFIN20080225_035714_000000362066_00190_31306_8275.N1	25-FEB-2008 03:57:14	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31306	No
48	GOM_NL__2PRFIN20080225_040220_000000342066_00190_31306_8276.N1	25-FEB-2008 04:02:20	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	31306	No
49	GOM_NL__2PRFIN20080225_040354_000000332066_00190_31306_8277.N1	25-FEB-2008 04:03:54	Bright	32.500	66	37Gam Cyg	2.2080	5900.0	65	31306	No
50	GOM_NL__2PRFIN20080225_040525_000000512066_00190_31306_8278.N1	25-FEB-2008 04:05:25	Bright	51.000	92	53Eps Cyg	2.5000	4500.0	102	31306	No
51	GOM_NL__2PRFIN20080225_041218_000000512066_00190_31306_8279.N1	25-FEB-2008 04:12:18	Bright	50.500	168	17Zet Aql	2.9860	11000.	101	31306	No
52	GOM_NL__2PRFIN20080225_042159_000000412066_00190_31306_8280.N1	25-FEB-2008 04:21:59	Twilight	40.500	155	41Pi Sgr	2.9000	6600.0	81	31306	No
53	GOM_NL__2PRFIN20080225_042344_000000432066_00190_31306_8281.N1	25-FEB-2008 04:23:44	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	31306	No
54	GOM_NL__2PRFIN20080225_042644_000000432066_00190_31306_8282.N1	25-FEB-2008 04:26:44	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	31306	No
55	GOM_NL__2PRFIN20080225_042920_000000492066_00190_31306_8283.N1	25-FEB-2008 04:29:20	Dark	48.500	25	35Lam Sco	1.6200	28000.	97	31306	No
56	GOM_NL__2PRFIN20080225_043202_000000392066_00190_31306_8284.N1	25-FEB-2008 04:32:02	Dark	38.500	147	Alp Ara	2.8770	26000.	77	31306	No
57	GOM_NL__2PRFIN20080225_043322_000000402066_00191_31307_8383.N1	25-FEB-2008 04:33:22	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	31307	No
58	GOM_NL__2PRFIN20080225_043950_000000432066_00191_31307_8384.N1	25-FEB-2008 04:39:50	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	31307	No
59	GOM_NL__2PRFIN20080225_044110_000000432066_00191_31307_8385.N1	25-FEB-2008 04:41:10	Dark	42.500	10	Bet Cen	0.61000	28000.	85	31307	No
60	GOM_NL__2PRFIN20080225_044356_000000392066_00191_31307_8386.N1	25-FEB-2008 04:43:56	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	31307	No
61	GOM_NL__2PRFIN20080225_044658_000000422066_00191_31307_8387.N1	25-FEB-2008 04:46:58	Dark	42.000	99	Del Cen	2.5750	26000.	84	31307	No
62	GOM_NL__2PRFIN20080225_044930_000000372066_00191_31307_8388.N1	25-FEB-2008 04:49:30	Straylight	37.000	91	Kap Vel	2.4900	26000.	74	31307	No
63	GOM_NL__2PRFIN20080225_045248_000000462066_00191_31307_8389.N1	25-FEB-2008 04:52:48	Straylight	46.000	65	Lam Vel	2.2040	4400.0	92	31307	No
64	GOM_NL__2PRFIN20080225_050224_000000472066_00191_31307_8390.N1	25-FEB-2008 05:02:24	Twilight	46.500	48	30Alp Hya	1.9770	4100.0	93	31307	No
65	GOM_NL__2PRFIN20080225_051325_000000362066_00191_31307_8391.N1	25-FEB-2008 05:13:25	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	31307	No
66	GOM_NL__2PRFIN20080225_051437_000000362066_00191_31307_8392.N1	25-FEB-2008 05:14:37	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	31307	No
67	GOM_NL__2PRFIN20080225_053029_000000332066_00191_31307_8393.N1	25-FEB-2008 05:30:29	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	31307	No
68	GOM_NL__2PRFIN20080225_053750_000000372066_00191_31307_8394.N1	25-FEB-2008 05:37:50	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31307	No
69	GOM_NL__2PRFIN20080225_054256_000000352066_00191_31307_8395.N1	25-FEB-2008 05:42:56	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	31307	No
70	GOM_NL__2PRFIN20080225_054430_000000352066_00191_31307_8396.N1	25-FEB-2008 05:44:30	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	31307	No
71	GOM_NL__2PRFIN20080225_054601_000000342066_00191_31307_8397.N1	25-FEB-2008 05:46:01	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	31307	No
72	GOM_NL__2PRFIN20080225_055254_000000382066_00191_31307_8398.N1	25-FEB-2008 05:52:54	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	31307	No
73	GOM_NL__2PRFIN20080225_060235_000000422066_00191_31307_8399.N1	25-FEB-2008 06:02:35	Twilight	42.000	155	41Pi Sgr	2.9000	6600.0	84	31307	No
74	GOM_NL__2PRFIN20080225_060420_000000412066_00191_31307_8400.N1	25-FEB-2008 06:04:20	Dark	41.000	57	34Sig Sgr	2.0660	26000.	82	31307	No
75	GOM_NL__2PRFIN20080225_060720_000000402066_00191_31307_8401.N1	25-FEB-2008 06:07:20	Dark	40.000	38	20Eps Sgr	1.8360	11000.	80	31307	No
76	GOM_NL__2PRFIN20080225_060957_000000442066_00191_31307_8402.N1	25-FEB-2008 06:09:57	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	31307	No
77	GOM_NL__2PRFIN20080225_061239_000000392066_00191_31307_8403.N1	25-FEB-2008 06:12:39	Dark	39.000	147	Alp Ara	2.8770	26000.	78	31307	No
78	GOM_NL__2PRFIN20080225_061358_000000392066_00192_31308_8397.N1	25-FEB-2008 06:13:58	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	31308	No
79	GOM_NL__2PRFIN20080225_061757_000000382066_00192_31308_8398.N1	25-FEB-2008 06:17:57	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31308	No
80	GOM_NL__2PRFIN20080225_062027_000000552066_00192_31308_8399.N1	25-FEB-2008 06:20:27	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	31308	No
81	GOM_NL__2PRFIN20080225_062147_000000492066_00192_31308_8400.N1	25-FEB-2008 06:21:47	Dark	48.500	10	Bet Cen	0.61000	28000.	97	31308	No
82	GOM_NL__2PRFIN20080225_062432_000000392066_00192_31308_8401.N1	25-FEB-2008 06:24:32	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	31308	No
83	GOM_NL__2PRFIN20080225_062734_000000432066_00192_31308_8402.N1	25-FEB-2008 06:27:34	Dark	43.000	99	Del Cen	2.5750	26000.	86	31308	No
84	GOM_NL__2PRFIN20080225_063006_000000382066_00192_31308_8403.N1	25-FEB-2008 06:30:06	Straylight	37.500	91	Kap Vel	2.4900	26000.	75	31308	No
85	GOM_NL__2PRFIN20080225_063324_000000412066_00192_31308_8404.N1	25-FEB-2008 06:33:24	Straylight	41.000	65	Lam Vel	2.2040	4400.0	82	31308	No
86	GOM_NL__2PRFIN20080225_064300_000000472066_00192_31308_8405.N1	25-FEB-2008 06:43:00	Twilight	47.000	48	30Alp Hya	1.9770	4100.0	94	31308	No
87	GOM_NL__2PRFIN20080225_065401_000000392066_00192_31308_8406.N1	25-FEB-2008 06:54:01	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	31308	No
88	GOM_NL__2PRFIN20080225_071105_000000362066_00192_31308_8407.N1	25-FEB-2008 07:11:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31308	No
89	GOM_NL__2PRFIN20080225_071826_000000362066_00192_31308_8408.N1	25-FEB-2008 07:18:26	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31308	No
90	GOM_NL__2PRFIN20080225_072332_000000352066_00192_31308_8409.N1	25-FEB-2008 07:23:32	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	31308	No
91	GOM_NL__2PRFIN20080225_072506_000000352066_00192_31308_8410.N1	25-FEB-2008 07:25:06	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	31308	No
92	GOM_NL__2PRFIN20080225_072637_000000332066_00192_31308_8411.N1	25-FEB-2008 07:26:37	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	31308	No
93	GOM_NL__2PRFIN20080225_073330_000000372066_00192_31308_8412.N1	25-FEB-2008 07:33:30	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	31308	No
94	GOM_NL__2PRFIN20080225_074311_000000412066_00192_31308_8413.N1	25-FEB-2008 07:43:11	Twilight	40.500	155	41Pi Sgr	2.9000	6600.0	81	31308	No
95	GOM_NL__2PRFIN20080225_074457_000000392066_00192_31308_8414.N1	25-FEB-2008 07:44:57	Dark	39.000	57	34Sig Sgr	2.0660	26000.	78	31308	No
96	GOM_NL__2PRFIN20080225_074756_000000412066_00192_31308_8415.N1	25-FEB-2008 07:47:56	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	31308	No
97	GOM_NL__2PRFIN20080225_075033_000000452066_00192_31308_8416.N1	25-FEB-2008 07:50:33	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	31308	No
98	GOM_NL__2PRFIN20080225_075315_000000402066_00192_31308_8417.N1	25-FEB-2008 07:53:15	Dark	40.000	147	Alp Ara	2.8770	26000.	80	31308	No
99	GOM_NL__2PRFIN20080225_075435_000000422066_00193_31309_8412.N1	25-FEB-2008 07:54:35	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31309	No
100	GOM_NL__2PRFIN20080225_075834_000000392066_00193_31309_8413.N1	25-FEB-2008 07:58:34	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31309	No
101	GOM_NL__2PRFIN20080225_080103_000000572066_00193_31309_8414.N1	25-FEB-2008 08:01:03	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	31309	No

102	GOM_NL__2PRFIN20080225_080223_000000402066_00193_31309_8415.N1	25-FEB-2008 08:02:23	Dark	40.000	10	Bet Cen	0.61000	28000.	80	31309	No
103	GOM_NL__2PRFIN20080225_080508_000000482066_00193_31309_8416.N1	25-FEB-2008 08:05:08	Dark	47.500	12	Alp1Cru	0.77500	30000.	95	31309	No
104	GOM_NL__2PRFIN20080225_080811_000000422066_00193_31309_8417.N1	25-FEB-2008 08:08:11	Dark	41.500	99	Del Cen	2.5750	26000.	83	31309	No
105	GOM_NL__2PRFIN20080225_081042_000000392066_00193_31309_8418.N1	25-FEB-2008 08:10:42	Straylight	38.500	91	Kap Vel	2.4900	26000.	77	31309	No
106	GOM_NL__2PRFIN20080225_081400_000000402066_00193_31309_8419.N1	25-FEB-2008 08:14:00	Straylight	40.000	65	Lam Vel	2.2040	4400.0	80	31309	No
107	GOM_NL__2PRFIN20080225_082336_000000422066_00193_31309_8420.N1	25-FEB-2008 08:23:36	Twilight	42.000	48	30Alp Hya	1.9770	4100.0	84	31309	No
108	GOM_NL__2PRFIN20080225_083437_000000362066_00193_31309_8421.N1	25-FEB-2008 08:34:37	Bright	35.500	17	78Bet Gem	1.1610	4500.0	71	31309	No
109	GOM_NL__2PRFIN20080225_085141_000000362066_00193_31309_8422.N1	25-FEB-2008 08:51:41	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	31309	No
110	GOM_NL__2PRFIN20080225_085902_000000362066_00193_31309_8423.N1	25-FEB-2008 08:59:02	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31309	No
111	GOM_NL__2PRFIN20080225_090408_000000332066_00193_31309_8424.N1	25-FEB-2008 09:04:08	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	31309	No
112	GOM_NL__2PRFIN20080225_090543_000000332066_00193_31309_8425.N1	25-FEB-2008 09:05:43	Bright	32.500	66	37Gam Cyg	2.2080	5900.0	65	31309	No
113	GOM_NL__2PRFIN20080225_090713_000000342066_00193_31309_8426.N1	25-FEB-2008 09:07:13	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	31309	No
114	GOM_NL__2PRFIN20080225_091407_000000372066_00193_31309_8427.N1	25-FEB-2008 09:14:07	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	31309	No
115	GOM_NL__2PRFIN20080225_092347_000000392066_00193_31309_8428.N1	25-FEB-2008 09:23:47	Twilight	39.000	155	41Pi Sgr	2.9000	6600.0	78	31309	No
116	GOM_NL__2PRFIN20080225_092533_000000402066_00193_31309_8429.N1	25-FEB-2008 09:25:33	Dark	39.500	57	34Sig Sgr	2.0660	26000.	79	31309	No
117	GOM_NL__2PRFIN20080225_092833_000000422066_00193_31309_8430.N1	25-FEB-2008 09:28:33	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	31309	No
118	GOM_NL__2PRFIN20080225_093110_000000442066_00193_31309_8431.N1	25-FEB-2008 09:31:10	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	31309	No
119	GOM_NL__2PRFIN20080225_093352_000000392066_00193_31309_8432.N1	25-FEB-2008 09:33:52	Dark	38.500	147	Alp Ara	2.8770	26000.	77	31309	No
120	GOM_NL__2PRFIN20080225_093511_000000412066_00194_31310_8424.N1	25-FEB-2008 09:35:11	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	31310	No
121	GOM_NL__2PRFIN20080225_093910_000000392066_00194_31310_8425.N1	25-FEB-2008 09:39:10	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	31310	No
122	GOM_NL__2PRFIN20080225_094140_000000552066_00194_31310_8426.N1	25-FEB-2008 09:41:40	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	31310	No
123	GOM_NL__2PRFIN20080225_094300_000000412066_00194_31310_8427.N1	25-FEB-2008 09:43:00	Dark	40.500	10	Bet Cen	0.61000	28000.	81	31310	No
124	GOM_NL__2PRFIN20080225_094545_000000392066_00194_31310_8428.N1	25-FEB-2008 09:45:45	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	31310	No
125	GOM_NL__2PRFIN20080225_094847_000000432066_00194_31310_8429.N1	25-FEB-2008 09:48:47	Dark	42.500	99	Del Cen	2.5750	26000.	85	31310	No
126	GOM_NL__2PRFIN20080225_095118_000000382066_00194_31310_8430.N1	25-FEB-2008 09:51:18	Straylight	37.500	91	Kap Vel	2.4900	26000.	75	31310	No
127	GOM_NL__2PRFIN20080225_095436_000000392066_00194_31310_8431.N1	25-FEB-2008 09:54:36	Straylight	38.500	65	Lam Vel	2.2040	4400.0	77	31310	No
128	GOM_NL__2PRFIN20080225_100412_000000472066_00194_31310_8432.N1	25-FEB-2008 10:04:12	Twilight	47.000	48	30Alp Hya	1.9770	4100.0	94	31310	No
129	GOM_NL__2PRFIN20080225_101513_000000382066_00194_31310_8433.N1	25-FEB-2008 10:15:13	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	31310	No
130	GOM_NL__2PRFIN20080225_103217_000000362066_00194_31310_8434.N1	25-FEB-2008 10:32:17	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31310	No
131	GOM_NL__2PRFIN20080225_103938_000000362066_00194_31310_8435.N1	25-FEB-2008 10:39:38	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31310	No
132	GOM_NL__2PRFIN20080225_104444_000000352066_00194_31310_8436.N1	25-FEB-2008 10:44:44	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	31310	No
133	GOM_NL__2PRFIN20080225_104618_000000352066_00194_31310_8437.N1	25-FEB-2008 10:46:18	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	31310	No
134	GOM_NL__2PRFIN20080225_104749_000000342066_00194_31310_8438.N1	25-FEB-2008 10:47:49	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	31310	No
135	GOM_NL__2PRFIN20080225_105443_000000372066_00194_31310_8439.N1	25-FEB-2008 10:54:43	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	31310	No
136	GOM_NL__2PRFIN20080225_110424_000000382066_00194_31310_8440.N1	25-FEB-2008 11:04:24	Twilight	38.000	155	41Pi Sgr	2.9000	6600.0	76	31310	No
137	GOM_NL__2PRFIN20080225_110610_000000392066_00194_31310_8441.N1	25-FEB-2008 11:06:10	Dark	39.000	57	34Sig Sgr	2.0660	26000.	78	31310	No
138	GOM_NL__2PRFIN20080225_110909_000000462066_00194_31310_8442.N1	25-FEB-2008 11:09:09	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	31310	No
139	GOM_NL__2PRFIN20080225_111147_000000442066_00194_31310_8443.N1	25-FEB-2008 11:11:47	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	31310	No
140	GOM_NL__2PRFIN20080225_111428_000000402066_00194_31310_8444.N1	25-FEB-2008 11:14:28	Dark	40.000	147	Alp Ara	2.8770	26000.	80	31310	No
141	GOM_NL__2PRFIN20080225_111547_000000412066_00195_31311_8448.N1	25-FEB-2008 11:15:47	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	31311	No
142	GOM_NL__2PRFIN20080225_111947_000000392066_00195_31311_8449.N1	25-FEB-2008 11:19:47	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	31311	No
143	GOM_NL__2PRFIN20080225_112216_000000462066_00195_31311_8450.N1	25-FEB-2008 11:22:16	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	31311	No
144	GOM_NL__2PRFIN20080225_112336_000000432066_00195_31311_8451.N1	25-FEB-2008 11:23:36	Dark	42.500	10	Bet Cen	0.61000	28000.	85	31311	No
145	GOM_NL__2PRFIN20080225_112621_000000412066_00195_31311_8452.N1	25-FEB-2008 11:26:21	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	31311	No
146	GOM_NL__2PRFIN20080225_112924_000000432066_00195_31311_8453.N1	25-FEB-2008 11:29:24	Dark	42.500	99	Del Cen	2.5750	26000.	85	31311	No
147	GOM_NL__2PRFIN20080225_113154_000000362066_00195_31311_8454.N1	25-FEB-2008 11:31:54	Straylight	36.000	91	Kap Vel	2.4900	26000.	72	31311	No
148	GOM_NL__2PRFIN20080225_113512_000000462066_00195_31311_8455.N1	25-FEB-2008 11:35:12	Straylight	46.000	65	Lam Vel	2.2040	4400.0	92	31311	No
149	GOM_NL__2PRFIN20080225_114448_000000492066_00195_31311_8456.N1	25-FEB-2008 11:44:48	Twilight	49.000	48	30Alp Hya	1.9770	4100.0	98	31311	No
150	GOM_NL__2PRFIN20080225_115549_000000352066_00195_31311_8457.N1	25-FEB-2008 11:55:49	Bright	34.500	17	78Bet Gem	1.1610	4500.0	69	31311	No
151	GOM_NL__2PRFIN20080225_121253_000000372066_00195_31311_8458.N1	25-FEB-2008 12:12:53	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	31311	No
152	GOM_NL__2PRFIN20080225_122014_000000362066_00195_31311_8459.N1	25-FEB-2008 12:20:14	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31311	No
153	GOM_NL__2PRFIN20080225_122520_000000342066_00195_31311_8460.N1	25-FEB-2008 12:25:20	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31311	No
154	GOM_NL__2PRFIN20080225_122655_000000342066_00195_31311_8461.N1	25-FEB-2008 12:26:55	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	31311	No
155	GOM_NL__2PRFIN20080225_122825_000000342066_00195_31311_8462.N1	25-FEB-2008 12:28:25	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	31311	No
156	GOM_NL__2PRFIN20080225_123519_000000552066_00195_31311_8463.N1	25-FEB-2008 12:35:19	Bright	55.000	168	17Zet Aql	2.9860	11000.	110	31311	No
157	GOM_NL__2PRFIN20080225_124500_000000392066_00195_31311_8464.N1	25-FEB-2008 12:45:00	Twilight	39.000	155	41Pi Sgr	2.9000	6600.0	78	31311	No
158	GOM_NL__2PRFIN20080225_124646_000000402066_00195_31311_8465.N1	25-FEB-2008 12:46:46	Dark	40.000	57	34Sig Sgr	2.0660	26000.	80	31311	No
159	GOM_NL__2PRFIN20080225_124946_000000402066_00195_31311_8466.N1	25-FEB-2008 12:49:46	Dark	39.500	38	20Eps Sgr	1.8360	11000.	79	31311	No
160	GOM_NL__2PRFIN20080225_125223_000000442066_00195_31311_8467.N1	25-FEB-2008 12:52:23	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	31311	No

161	GOM_NL__2PRFIN20080225_125505_000000392066_00195_31311_8468.N1	25-FEB-2008 12:55:05	Dark	39.000	147	Alp Ara	2.8770	26000.	78	31311	No
162	GOM_NL__2PRFIN20080225_125624_000000442066_00196_31312_8462.N1	25-FEB-2008 12:56:24	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	31312	No
163	GOM_NL__2PRFIN20080225_130023_000000382066_00196_31312_8463.N1	25-FEB-2008 13:00:23	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31312	No
164	GOM_NL__2PRFIN20080225_130253_000000462066_00196_31312_8464.N1	25-FEB-2008 13:02:53	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	31312	No
165	GOM_NL__2PRFIN20080225_130413_000000422066_00196_31312_8465.N1	25-FEB-2008 13:04:13	Dark	41.500	10	Bet Cen	0.61000	28000.	83	31312	No
166	GOM_NL__2PRFIN20080225_130657_000000412066_00196_31312_8466.N1	25-FEB-2008 13:06:57	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	31312	No
167	GOM_NL__2PRFIN20080225_131000_000000422066_00196_31312_8467.N1	25-FEB-2008 13:10:00	Dark	41.500	99	Del Cen	2.5750	26000.	83	31312	No
168	GOM_NL__2PRFIN20080225_131230_000000362066_00196_31312_8468.N1	25-FEB-2008 13:12:30	Straylight	36.000	91	Kap Vel	2.4900	26000.	72	31312	No
169	GOM_NL__2PRFIN20080225_131549_000000422066_00196_31312_8469.N1	25-FEB-2008 13:15:49	Straylight	42.000	65	Lam Vel	2.2040	4400.0	84	31312	No
170	GOM_NL__2PRFIN20080225_132524_000000502066_00196_31312_8470.N1	25-FEB-2008 13:25:24	Tw_i_and_stray	49.500	48	30Alp Hya	1.9770	4100.0	99	31312	No
171	GOM_NL__2PRFIN20080225_133625_000000392066_00196_31312_8471.N1	25-FEB-2008 13:36:25	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	31312	No
172	GOM_NL__2PRFIN20080225_135329_000000332066_00196_31312_8472.N1	25-FEB-2008 13:53:29	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	31312	No
173	GOM_NL__2PRFIN20080225_140050_000000342066_00196_31312_8473.N1	25-FEB-2008 14:00:50	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31312	No
174	GOM_NL__2PRFIN20080225_140556_000000362066_00196_31312_8474.N1	25-FEB-2008 14:05:56	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	31312	No
175	GOM_NL__2PRFIN20080225_140731_000000352066_00196_31312_8475.N1	25-FEB-2008 14:07:31	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	31312	No
176	GOM_NL__2PRFIN20080225_140901_000000332066_00196_31312_8476.N1	25-FEB-2008 14:09:01	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	31312	No
177	GOM_NL__2PRFIN20080225_141555_000000372066_00196_31312_8477.N1	25-FEB-2008 14:15:55	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	31312	No
178	GOM_NL__2PRFIN20080225_142536_000000402066_00196_31312_8478.N1	25-FEB-2008 14:25:36	Dark	39.500	155	41Pi Sgr	2.9000	6600.0	79	31312	No
179	GOM_NL__2PRFIN20080225_142722_000000442066_00196_31312_8479.N1	25-FEB-2008 14:27:22	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	31312	No
180	GOM_NL__2PRFIN20080225_143022_000000452066_00196_31312_8480.N1	25-FEB-2008 14:30:22	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	31312	No
181	GOM_NL__2PRFIN20080225_143300_000000432066_00196_31312_8481.N1	25-FEB-2008 14:33:00	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	31312	No
182	GOM_NL__2PRFIN20080225_143541_000000402066_00196_31312_8482.N1	25-FEB-2008 14:35:41	Dark	39.500	147	Alp Ara	2.8770	26000.	79	31312	No
183	GOM_NL__2PRFIN20080225_143700_000000482066_00197_31313_8690.N1	25-FEB-2008 14:37:00	Dark	47.500	141	Bet Ara	2.8400	4600.0	95	31313	No
184	GOM_NL__2PRFIN20080225_144059_000000382066_00197_31313_8691.N1	25-FEB-2008 14:40:59	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31313	No
185	GOM_NL__2PRFIN20080225_144329_000000422066_00197_31313_8692.N1	25-FEB-2008 14:43:29	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	31313	No
186	GOM_NL__2PRFIN20080225_144449_000000422066_00197_31313_8693.N1	25-FEB-2008 14:44:49	Dark	41.500	10	Bet Cen	0.61000	28000.	83	31313	No
187	GOM_NL__2PRFIN20080225_144734_000000402066_00197_31313_8694.N1	25-FEB-2008 14:47:34	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	31313	No
188	GOM_NL__2PRFIN20080225_145036_000000432066_00197_31313_8695.N1	25-FEB-2008 14:50:36	Dark	43.000	99	Del Cen	2.5750	26000.	86	31313	No
189	GOM_NL__2PRFIN20080225_145306_000000372066_00197_31313_8696.N1	25-FEB-2008 14:53:06	Straylight	37.000	91	Kap Vel	2.4900	26000.	74	31313	No
190	GOM_NL__2PRFIN20080225_145625_000000412066_00197_31313_8697.N1	25-FEB-2008 14:56:25	Straylight	41.000	65	Lam Vel	2.2040	4400.0	82	31313	No
191	GOM_NL__2PRFIN20080225_150600_000000482066_00197_31313_8698.N1	25-FEB-2008 15:06:00	Tw_i_and_stray	47.500	48	30Alp Hya	1.9770	4100.0	95	31313	No
192	GOM_NL__2PRFIN20080225_151702_000000372066_00197_31313_8699.N1	25-FEB-2008 15:17:02	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	31313	No
193	GOM_NL__2PRFIN20080225_153405_000000362066_00197_31313_8700.N1	25-FEB-2008 15:34:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31313	No
194	GOM_NL__2PRFIN20080225_154126_000000352066_00197_31313_8701.N1	25-FEB-2008 15:41:26	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	31313	No
195	GOM_NL__2PRFIN20080225_154632_000000342066_00197_31313_8702.N1	25-FEB-2008 15:46:32	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31313	No
196	GOM_NL__2PRFIN20080225_154807_000000362066_00197_31313_8703.N1	25-FEB-2008 15:48:07	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	31313	No
197	GOM_NL__2PRFIN20080225_154937_000000352066_00197_31313_8704.N1	25-FEB-2008 15:49:37	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	31313	No
198	GOM_NL__2PRFIN20080225_155631_000000382066_00197_31313_8705.N1	25-FEB-2008 15:56:31	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	31313	No
199	GOM_NL__2PRFIN20080225_160613_000000422066_00197_31313_8706.N1	25-FEB-2008 16:06:13	Dark	41.500	155	41Pi Sgr	2.9000	6600.0	83	31313	No
200	GOM_NL__2PRFIN20080225_160759_000000432066_00197_31313_8707.N1	25-FEB-2008 16:07:59	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	31313	No
201	GOM_NL__2PRFIN20080225_161059_000000462066_00197_31313_8708.N1	25-FEB-2008 16:10:59	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	31313	No
202	GOM_NL__2PRFIN20080225_161337_000000442066_00197_31313_8709.N1	25-FEB-2008 16:13:37	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	31313	No
203	GOM_NL__2PRFIN20080225_161618_000000392066_00197_31313_8710.N1	25-FEB-2008 16:16:18	Dark	39.000	147	Alp Ara	2.8770	26000.	78	31313	No
204	GOM_NL__2PRFIN20080225_161737_000000402066_00198_31314_8716.N1	25-FEB-2008 16:17:37	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	31314	No
205	GOM_NL__2PRFIN20080225_162136_000000392066_00198_31314_8717.N1	25-FEB-2008 16:21:36	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	31314	No
206	GOM_NL__2PRFIN20080225_162406_000000442066_00198_31314_8718.N1	25-FEB-2008 16:24:06	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31314	No
207	GOM_NL__2PRFIN20080225_162526_000000442066_00198_31314_8719.N1	25-FEB-2008 16:25:26	Dark	43.500	10	Bet Cen	0.61000	28000.	87	31314	No
208	GOM_NL__2PRFIN20080225_162658_000000372066_00198_31314_8720.N1	25-FEB-2008 16:26:58	Dark	37.000	112	Alp Mus	2.6880	26000.	74	31314	No
209	GOM_NL__2PRFIN20080225_162810_000000452066_00198_31314_8721.N1	25-FEB-2008 16:28:10	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	31314	No
210	GOM_NL__2PRFIN20080225_163113_000000422066_00198_31314_8722.N1	25-FEB-2008 16:31:13	Dark	41.500	99	Del Cen	2.5750	26000.	83	31314	No
211	GOM_NL__2PRFIN20080225_163343_000000372066_00198_31314_8723.N1	25-FEB-2008 16:33:43	Straylight	37.000	91	Kap Vel	2.4900	26000.	74	31314	No
212	GOM_NL__2PRFIN20080225_163701_000000432066_00198_31314_8724.N1	25-FEB-2008 16:37:01	Straylight	42.500	65	Lam Vel	2.2040	4400.0	85	31314	No
213	GOM_NL__2PRFIN20080225_164636_000000442066_00198_31314_8725.N1	25-FEB-2008 16:46:36	Tw_i_and_stray	44.000	48	30Alp Hya	1.9770	4100.0	88	31314	No
214	GOM_NL__2PRFIN20080225_165738_000000372066_00198_31314_8726.N1	25-FEB-2008 16:57:38	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	31314	No
215	GOM_NL__2PRFIN20080225_171441_000000382066_00198_31314_8727.N1	25-FEB-2008 17:14:41	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	31314	No
216	GOM_NL__2PRFIN20080225_172203_000000362066_00198_31314_8728.N1	25-FEB-2008 17:22:03	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31314	No
217	GOM_NL__2PRFIN20080225_172708_000000332066_00198_31314_8729.N1	25-FEB-2008 17:27:08	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	31314	No
218	GOM_NL__2PRFIN20080225_172843_000000352066_00198_31314_8730.N1	25-FEB-2008 17:28:43	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	31314	No
219	GOM_NL__2PRFIN20080225_173013_000000352066_00198_31314_8731.N1	25-FEB-2008 17:30:13	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	31314	No

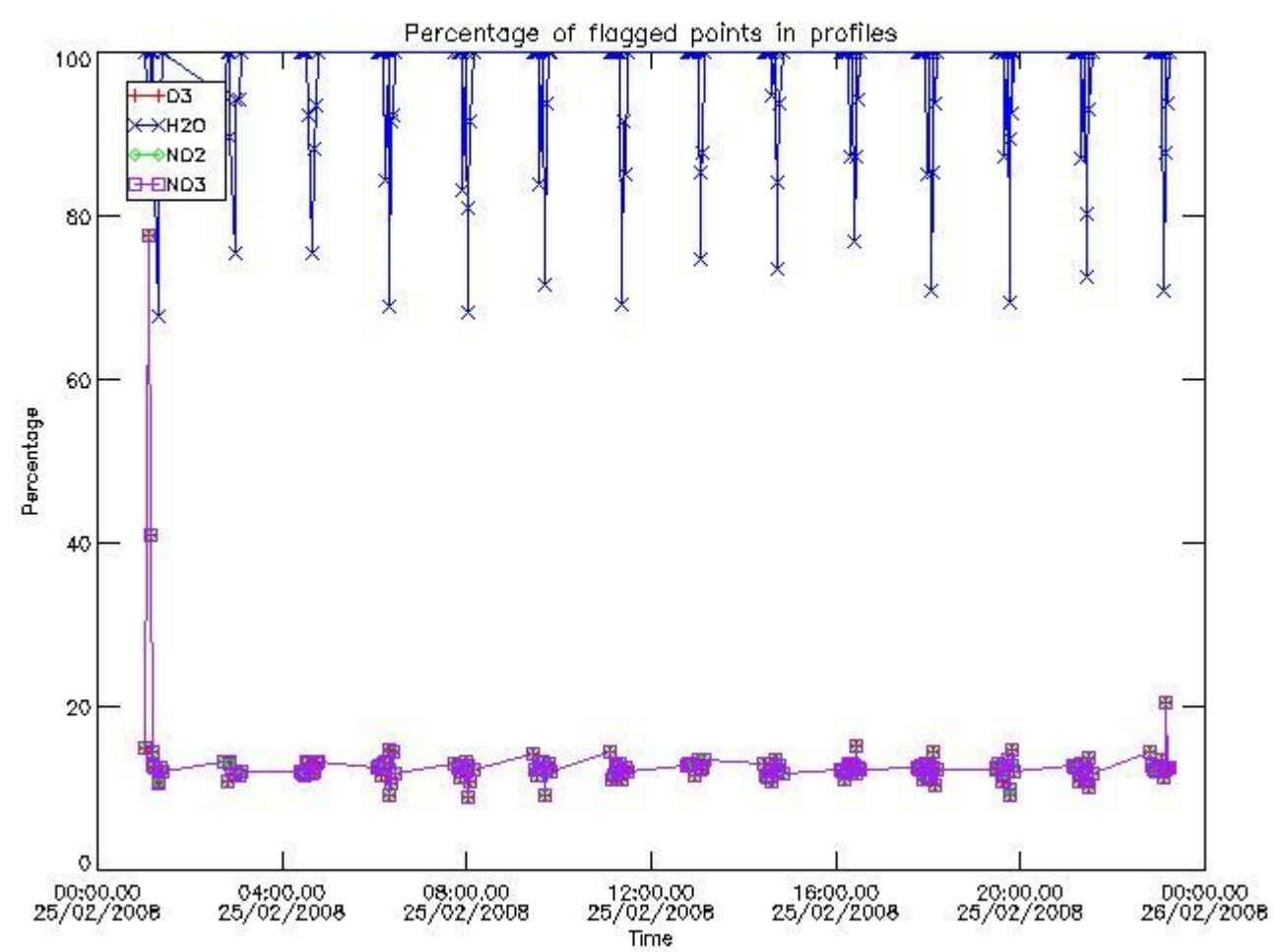
220	GOM_NL__2PRFIN20080225_173708_000000372066_00198_31314_8732.N1	25-FEB-2008 17:37:08	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	31314	No
221	GOM_NL__2PRFIN20080225_174649_000000412066_00198_31314_8733.N1	25-FEB-2008 17:46:49	Dark	41.000	155	41Pi Sgr	2.9000	6600.0	82	31314	No
222	GOM_NL__2PRFIN20080225_174835_000000422066_00198_31314_8734.N1	25-FEB-2008 17:48:35	Dark	41.500	57	34Sig Sgr	2.0660	26000.	83	31314	No
223	GOM_NL__2PRFIN20080225_175135_000000442066_00198_31314_8735.N1	25-FEB-2008 17:51:35	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	31314	No
224	GOM_NL__2PRFIN20080225_175413_000000462066_00198_31314_8736.N1	25-FEB-2008 17:54:13	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	31314	No
225	GOM_NL__2PRFIN20080225_175655_000000392066_00198_31314_8737.N1	25-FEB-2008 17:56:55	Dark	39.000	147	Alp Ara	2.8770	26000.	78	31314	No
226	GOM_NL__2PRFIN20080225_175813_000000442066_00199_31315_8729.N1	25-FEB-2008 17:58:13	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	31315	No
227	GOM_NL__2PRFIN20080225_180212_000000402066_00199_31315_8730.N1	25-FEB-2008 18:02:12	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	31315	No
228	GOM_NL__2PRFIN20080225_180443_000000452066_00199_31315_8731.N1	25-FEB-2008 18:04:43	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	31315	No
229	GOM_NL__2PRFIN20080225_180602_000000412066_00199_31315_8732.N1	25-FEB-2008 18:06:02	Dark	41.000	10	Bet Cen	0.61000	28000.	82	31315	No
230	GOM_NL__2PRFIN20080225_180734_000000352066_00199_31315_8733.N1	25-FEB-2008 18:07:34	Dark	35.000	112	Alp Mus	2.6880	26000.	70	31315	No
231	GOM_NL__2PRFIN20080225_180847_000000492066_00199_31315_8734.N1	25-FEB-2008 18:08:47	Dark	49.000	12	Alp1Cru	0.77500	30000.	98	31315	No
232	GOM_NL__2PRFIN20080225_181150_000000422066_00199_31315_8735.N1	25-FEB-2008 18:11:50	Dark	41.500	99	Del Cen	2.5750	26000.	83	31315	No
233	GOM_NL__2PRFIN20080225_181419_000000362066_00199_31315_8736.N1	25-FEB-2008 18:14:19	Straylight	35.500	91	Kap Vel	2.4900	26000.	71	31315	No
234	GOM_NL__2PRFIN20080225_181737_000000402066_00199_31315_8737.N1	25-FEB-2008 18:17:37	Straylight	40.000	65	Lam Vel	2.2040	4400.0	80	31315	No
235	GOM_NL__2PRFIN20080225_182712_000000442066_00199_31315_8738.N1	25-FEB-2008 18:27:12	Twilight_and_stray	44.000	48	30Alp Hya	1.9770	4100.0	88	31315	No
236	GOM_NL__2PRFIN20080225_183814_000000392066_00199_31315_8739.N1	25-FEB-2008 18:38:14	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	31315	No
237	GOM_NL__2PRFIN20080225_185517_000000372066_00199_31315_8740.N1	25-FEB-2008 18:55:17	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	31315	No
238	GOM_NL__2PRFIN20080225_190239_000000362066_00199_31315_8741.N1	25-FEB-2008 19:02:39	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31315	No
239	GOM_NL__2PRFIN20080225_190745_000000362066_00199_31315_8742.N1	25-FEB-2008 19:07:45	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31315	No
240	GOM_NL__2PRFIN20080225_190919_000000342066_00199_31315_8743.N1	25-FEB-2008 19:09:19	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	31315	No
241	GOM_NL__2PRFIN20080225_191050_000000512066_00199_31315_8744.N1	25-FEB-2008 19:10:50	Bright	51.000	92	53Eps Cyg	2.5000	4500.0	102	31315	No
242	GOM_NL__2PRFIN20080225_191744_000000472066_00199_31315_8745.N1	25-FEB-2008 19:17:44	Bright	47.000	168	17Zet Aql	2.9860	11000.	94	31315	No
243	GOM_NL__2PRFIN20080225_192725_000000422066_00199_31315_8746.N1	25-FEB-2008 19:27:25	Dark	41.500	155	41Pi Sgr	2.9000	6600.0	83	31315	No
244	GOM_NL__2PRFIN20080225_192911_000000412066_00199_31315_8747.N1	25-FEB-2008 19:29:11	Dark	40.500	57	34Sig Sgr	2.0660	26000.	81	31315	No
245	GOM_NL__2PRFIN20080225_193212_000000402066_00199_31315_8748.N1	25-FEB-2008 19:32:12	Dark	39.500	38	20Eps Sgr	1.8360	11000.	79	31315	No
246	GOM_NL__2PRFIN20080225_193450_000000472066_00199_31315_8749.N1	25-FEB-2008 19:34:50	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	31315	No
247	GOM_NL__2PRFIN20080225_193731_000000422066_00199_31315_8750.N1	25-FEB-2008 19:37:31	Dark	41.500	147	Alp Ara	2.8770	26000.	83	31315	No
248	GOM_NL__2PRFIN20080225_193850_000000442066_00200_31316_8507.N1	25-FEB-2008 19:38:50	Dark	43.500	141	Bet Ara	2.8400	4600.0	87	31316	No
249	GOM_NL__2PRFIN20080225_194249_000000382066_00200_31316_8508.N1	25-FEB-2008 19:42:49	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31316	No
250	GOM_NL__2PRFIN20080225_194519_000000562066_00200_31316_8509.N1	25-FEB-2008 19:45:19	Dark	56.000	4	Alp1Cen	-0.010000	5800.0	112	31316	No
251	GOM_NL__2PRFIN20080225_194639_000000522066_00200_31316_8510.N1	25-FEB-2008 19:46:39	Dark	52.000	10	Bet Cen	0.61000	28000.	104	31316	No
252	GOM_NL__2PRFIN20080225_194810_000000382066_00200_31316_8511.N1	25-FEB-2008 19:48:10	Dark	38.000	112	Alp Mus	2.6880	26000.	76	31316	No
253	GOM_NL__2PRFIN20080225_194923_000000402066_00200_31316_8512.N1	25-FEB-2008 19:49:23	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	31316	No
254	GOM_NL__2PRFIN20080225_195226_000000422066_00200_31316_8513.N1	25-FEB-2008 19:52:26	Dark	41.500	99	Del Cen	2.5750	26000.	83	31316	No
255	GOM_NL__2PRFIN20080225_195455_000000392066_00200_31316_8514.N1	25-FEB-2008 19:54:55	Straylight	39.000	91	Kap Vel	2.4900	26000.	78	31316	No
256	GOM_NL__2PRFIN20080225_195813_000000422066_00200_31316_8515.N1	25-FEB-2008 19:58:13	Straylight	42.000	65	Lam Vel	2.2040	4400.0	84	31316	No
257	GOM_NL__2PRFIN20080225_200748_000000472066_00200_31316_8516.N1	25-FEB-2008 20:07:48	Twilight_and_stray	46.500	48	30Alp Hya	1.9770	4100.0	93	31316	No
258	GOM_NL__2PRFIN20080225_201850_000000382066_00200_31316_8517.N1	25-FEB-2008 20:18:50	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31316	No
259	GOM_NL__2PRFIN20080225_203552_000000362066_00200_31316_8518.N1	25-FEB-2008 20:35:52	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31316	No
260	GOM_NL__2PRFIN20080225_204315_000000332066_00200_31316_8519.N1	25-FEB-2008 20:43:15	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	31316	No
261	GOM_NL__2PRFIN20080225_204821_000000342066_00200_31316_8520.N1	25-FEB-2008 20:48:21	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31316	No
262	GOM_NL__2PRFIN20080225_204955_000000362066_00200_31316_8521.N1	25-FEB-2008 20:49:55	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	31316	No
263	GOM_NL__2PRFIN20080225_205126_000000342066_00200_31316_8522.N1	25-FEB-2008 20:51:26	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	31316	No
264	GOM_NL__2PRFIN20080225_205820_000000372066_00200_31316_8523.N1	25-FEB-2008 20:58:20	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	31316	No
265	GOM_NL__2PRFIN20080225_210802_000000402066_00200_31316_8524.N1	25-FEB-2008 21:08:02	Dark	40.000	155	41Pi Sgr	2.9000	6600.0	80	31316	No
266	GOM_NL__2PRFIN20080225_210948_000000412066_00200_31316_8525.N1	25-FEB-2008 21:09:48	Dark	40.500	57	34Sig Sgr	2.0660	26000.	81	31316	No
267	GOM_NL__2PRFIN20080225_211248_000000412066_00200_31316_8526.N1	25-FEB-2008 21:12:48	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	31316	No
268	GOM_NL__2PRFIN20080225_211527_000000472066_00200_31316_8527.N1	25-FEB-2008 21:15:27	Dark	47.000	25	35Lam Sco	1.6200	28000.	94	31316	No
269	GOM_NL__2PRFIN20080225_211807_000000392066_00200_31316_8528.N1	25-FEB-2008 21:18:07	Dark	39.000	147	Alp Ara	2.8770	26000.	78	31316	No
270	GOM_NL__2PRFIN20080225_211926_000000432066_00201_31317_8513.N1	25-FEB-2008 21:19:26	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	31317	No
271	GOM_NL__2PRFIN20080225_212325_000000392066_00201_31317_8514.N1	25-FEB-2008 21:23:25	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	31317	No
272	GOM_NL__2PRFIN20080225_212556_000000432066_00201_31317_8515.N1	25-FEB-2008 21:25:56	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	31317	No
273	GOM_NL__2PRFIN20080225_212715_000000462066_00201_31317_8516.N1	25-FEB-2008 21:27:15	Dark	46.000	10	Bet Cen	0.61000	28000.	92	31317	No
274	GOM_NL__2PRFIN20080225_212847_000000372066_00201_31317_8517.N1	25-FEB-2008 21:28:47	Dark	37.000	112	Alp Mus	2.6880	26000.	74	31317	No
275	GOM_NL__2PRFIN20080225_212959_000000512066_00201_31317_8518.N1	25-FEB-2008 21:29:59	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	31317	No
276	GOM_NL__2PRFIN20080225_213303_000000442066_00201_31317_8519.N1	25-FEB-2008 21:33:03	Dark	43.500	99	Del Cen	2.5750	26000.	87	31317	No
277	GOM_NL__2PRFIN20080225_213531_000000392066_00201_31317_8520.N1	25-FEB-2008 21:35:31	Straylight	38.500	91	Kap Vel	2.4900	26000.	77	31317	No
278	GOM_NL__2PRFIN20080225_213849_000000412066_00201_31317_8521.N1	25-FEB-2008 21:38:49	Straylight	41.000	65	Lam Vel	2.2040	4400.0	82	31317	No

279	GOM_NL__2PRFIN20080225_214824_000000462066_00201_31317_8522.N1	25-FEB-2008 21:48:24	Twilight	45.500	48	30Alp Hya	1.9770	4100.0	91	31317	No
280	GOM_NL__2PRFIN20080225_215926_000000382066_00201_31317_8523.N1	25-FEB-2008 21:59:26	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	31317	No
281	GOM_NL__2PRFIN20080225_221628_000000362066_00201_31317_8524.N1	25-FEB-2008 22:16:28	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31317	No
282	GOM_NL__2PRFIN20080225_222351_000000362066_00201_31317_8525.N1	25-FEB-2008 22:23:51	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31317	No
283	GOM_NL__2PRFIN20080225_222857_000000372066_00201_31317_8526.N1	25-FEB-2008 22:28:57	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	31317	No
284	GOM_NL__2PRFIN20080225_223031_000000362066_00201_31317_8527.N1	25-FEB-2008 22:30:31	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	31317	No
285	GOM_NL__2PRFIN20080225_223202_000000342066_00201_31317_8528.N1	25-FEB-2008 22:32:02	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	31317	No
286	GOM_NL__2PRFIN20080225_223856_000000382066_00201_31317_8529.N1	25-FEB-2008 22:38:56	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	31317	No
287	GOM_NL__2PRFIN20080225_224838_000000392066_00201_31317_8530.N1	25-FEB-2008 22:48:38	Dark	38.500	155	41Pi Sgr	2.9000	6600.0	77	31317	No
288	GOM_NL__2PRFIN20080225_225024_000000402066_00201_31317_8531.N1	25-FEB-2008 22:50:24	Dark	40.000	57	34Sig Sgr	2.0660	26000.	80	31317	No
289	GOM_NL__2PRFIN20080225_225325_000000422066_00201_31317_8532.N1	25-FEB-2008 22:53:25	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	31317	No
290	GOM_NL__2PRFIN20080225_225603_000000432066_00201_31317_8533.N1	25-FEB-2008 22:56:03	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	31317	No
291	GOM_NL__2PRFIN20080225_230002_000000402066_00202_31318_8724.N1	25-FEB-2008 23:00:02	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	31318	No
292	GOM_NL__2PRFIN20080225_230402_000000382066_00202_31318_8725.N1	25-FEB-2008 23:04:02	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31318	No
293	GOM_NL__2PRFIN20080225_230632_000000452066_00202_31318_8726.N1	25-FEB-2008 23:06:32	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	31318	No
294	GOM_NL__2PRFIN20080225_230752_000000422066_00202_31318_8727.N1	25-FEB-2008 23:07:52	Dark	41.500	10	Bet Cen	0.61000	28000.	83	31318	No
295	GOM_NL__2PRFIN20080225_230933_000000252066_00202_31318_8728.N1	25-FEB-2008 23:09:33	Dark	25.000	77	Eps Cen	2.3030	28000.	50	31318	No
296	GOM_NL__2PRFIN20080225_231036_000000412066_00202_31318_8729.N1	25-FEB-2008 23:10:36	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	31318	No
297	GOM_NL__2PRFIN20080225_231339_000000412066_00202_31318_8730.N1	25-FEB-2008 23:13:39	Dark	40.500	99	Del Cen	2.5750	26000.	81	31318	No
298	GOM_NL__2PRFIN20080225_231607_000000382066_00202_31318_8731.N1	25-FEB-2008 23:16:07	Straylight	38.000	91	Kap Vel	2.4900	26000.	76	31318	No
299	GOM_NL__2PRFIN20080225_231925_000000442066_00202_31318_8732.N1	25-FEB-2008 23:19:25	Straylight	43.500	65	Lam Vel	2.2040	4400.0	87	31318	No
300	GOM_NL__2PRFIN20080225_232900_000000452066_00202_31318_8733.N1	25-FEB-2008 23:29:00	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	31318	No
301	GOM_NL__2PRFIN20080225_234002_000000362066_00202_31318_8734.N1	25-FEB-2008 23:40:02	Bright	35.500	17	78Bet Gem	1.1610	4500.0	71	31318	No
302	GOM_NL__2PRFIN20080225_235704_000000342066_00202_31318_8735.N1	25-FEB-2008 23:57:04	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	31318	No

3. Quality information per product

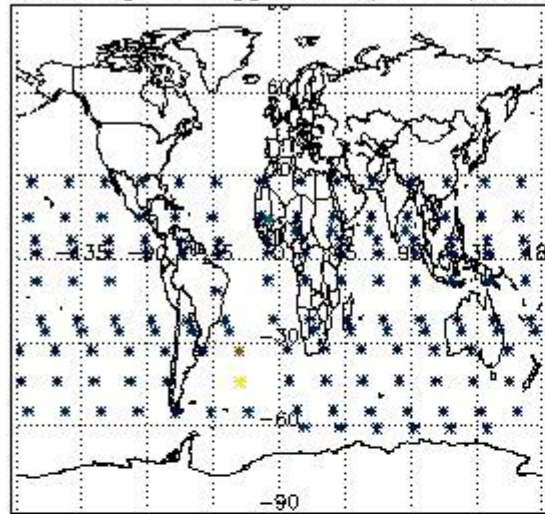
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

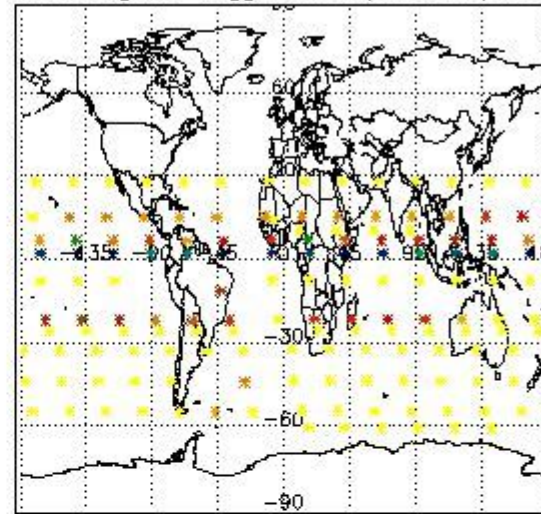


3.2 Plot quality information per product (world map)

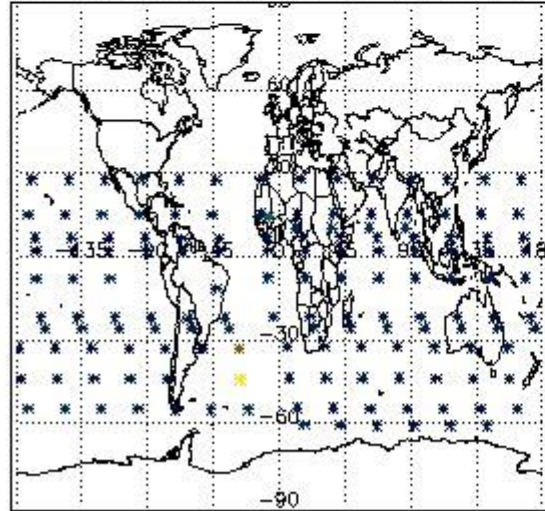
Percentage of flagged data per O3 profile



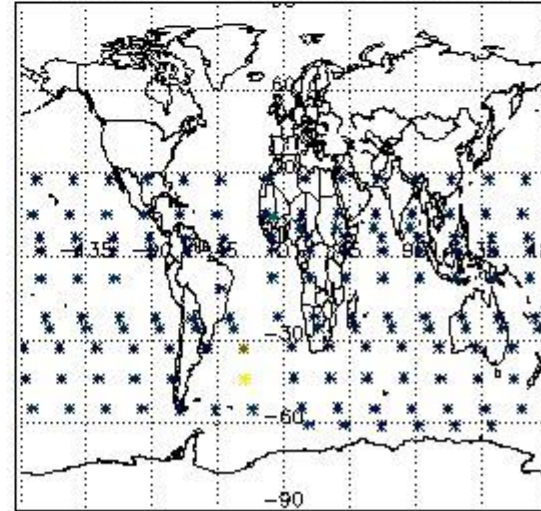
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

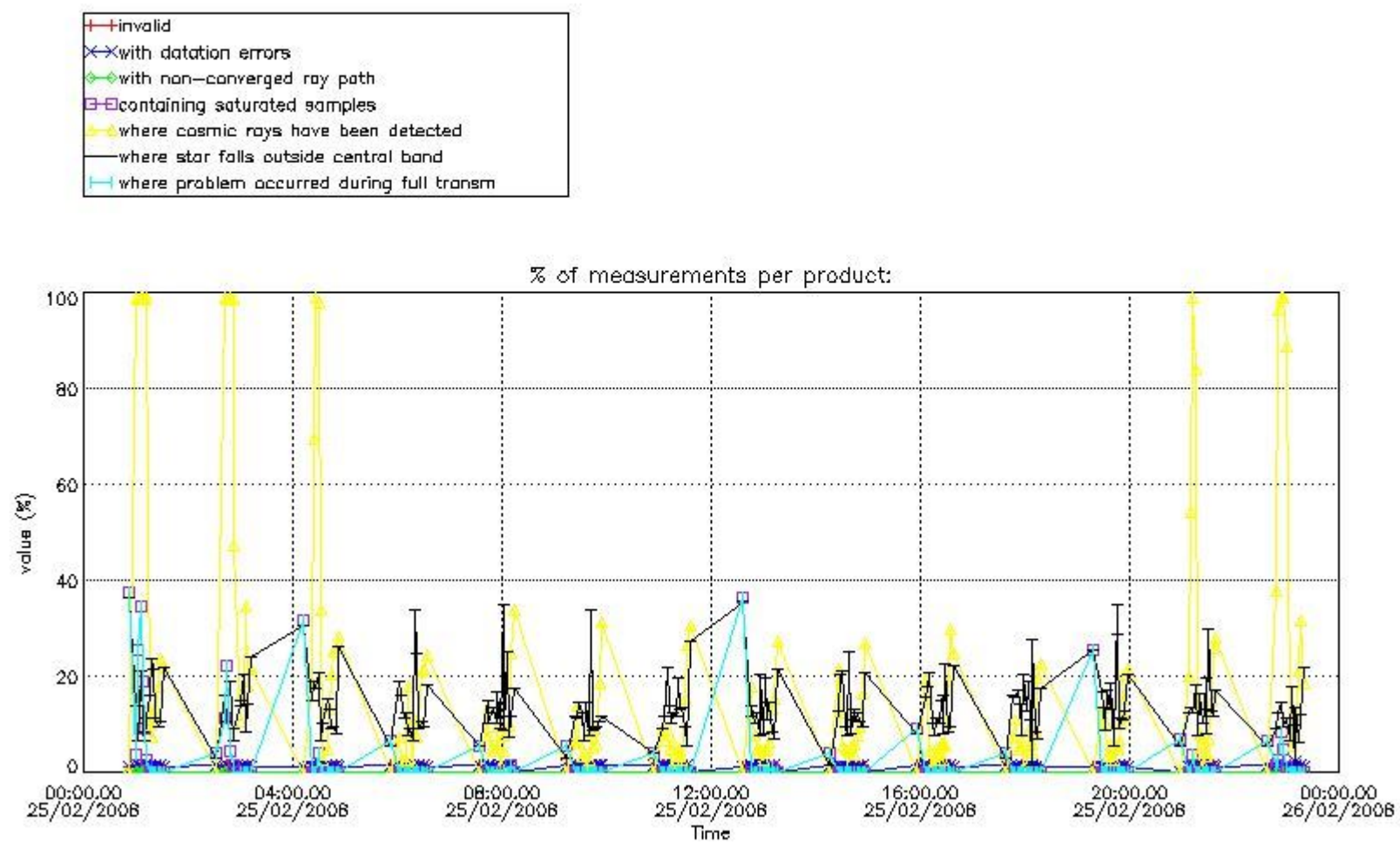


4. Level 1 quality information per product

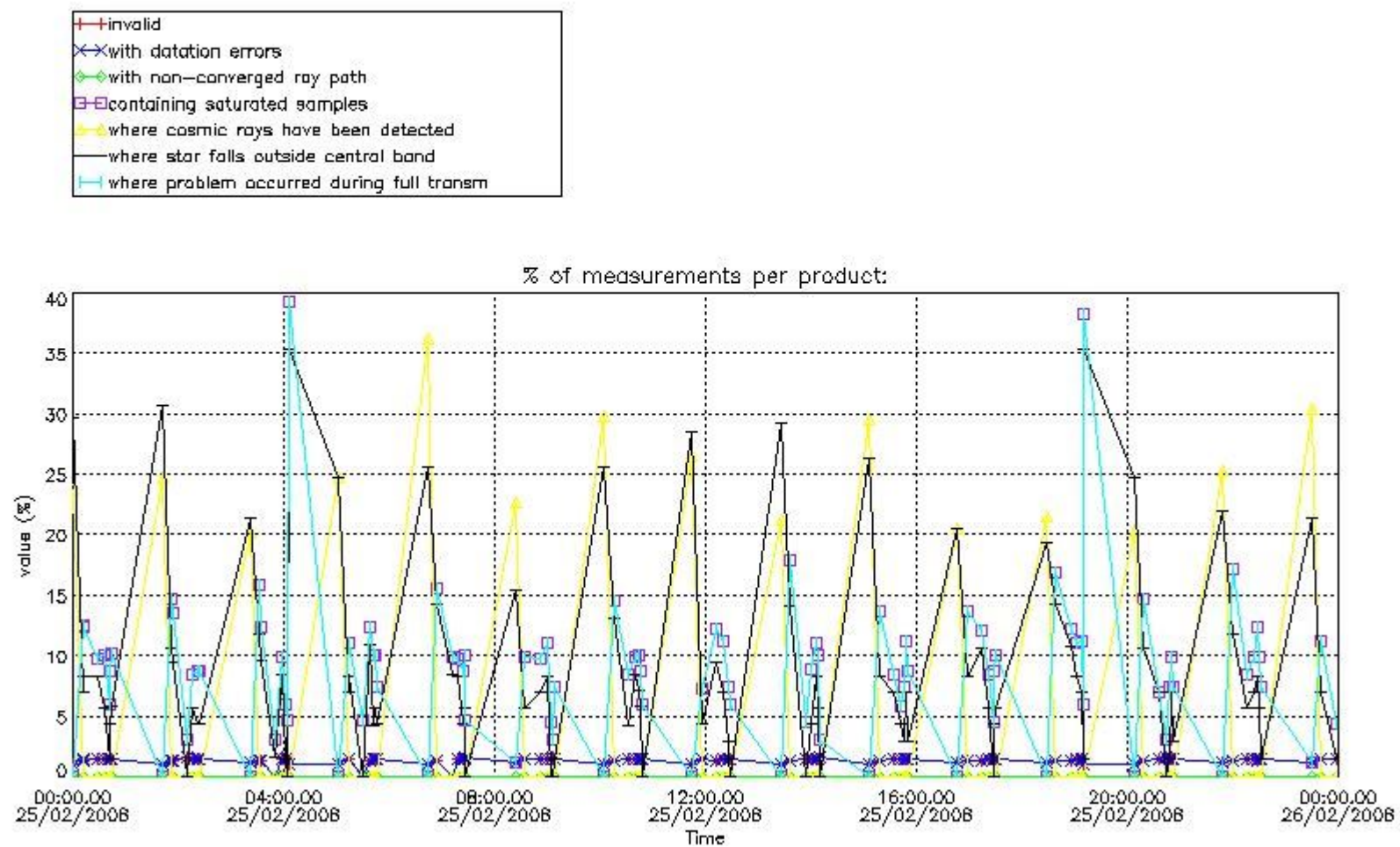
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



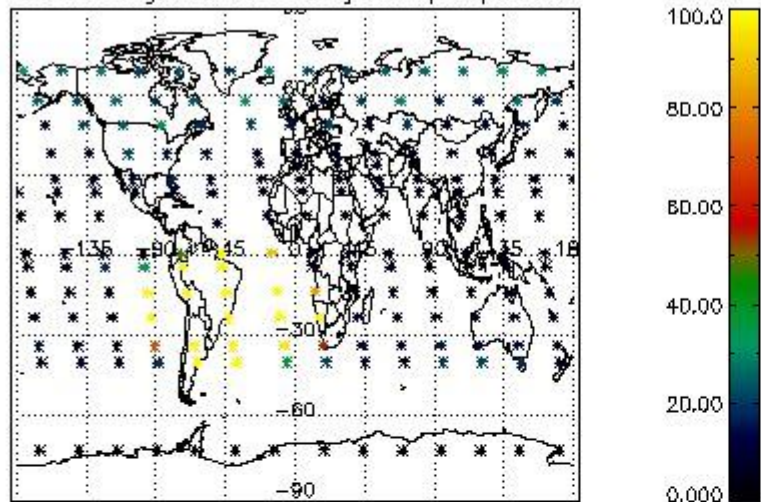
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



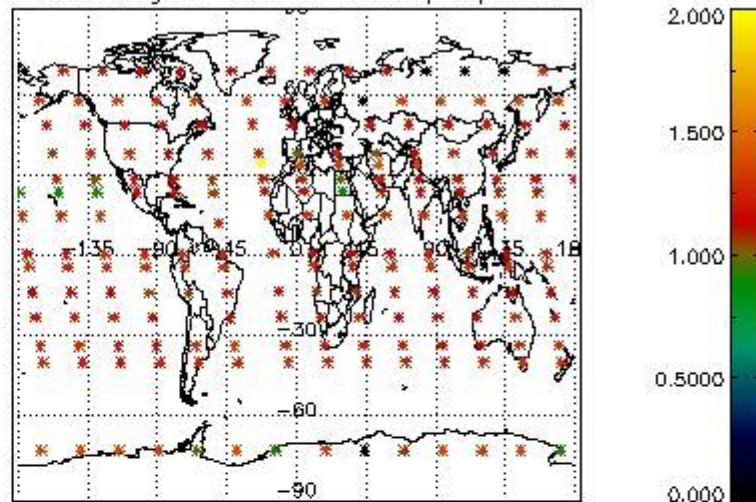
4.2 Plot quality information per product coming from level 1b processing (world map)

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

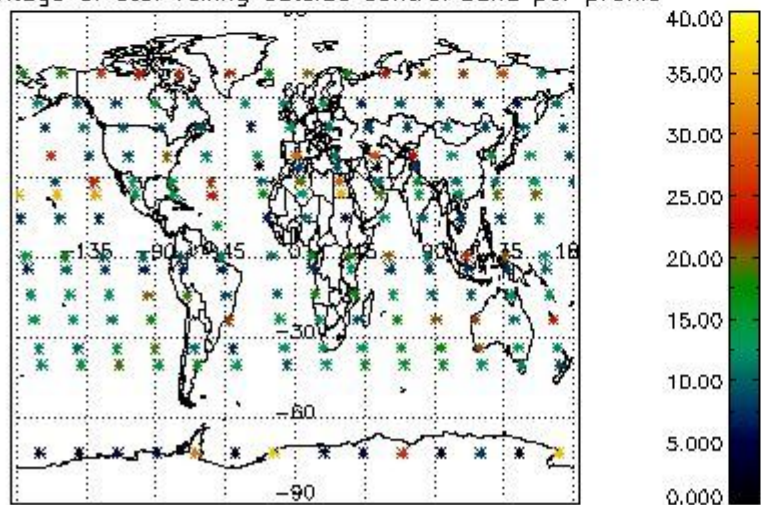
Percentage of cosmic ray hits per profile



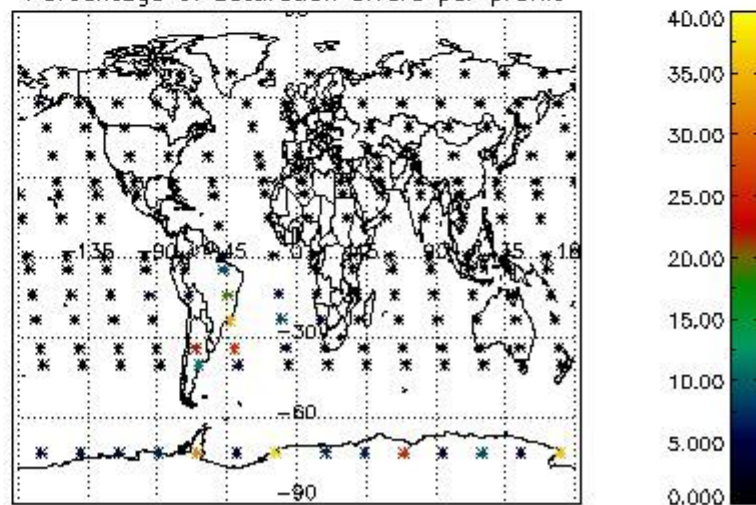
Percentage of datation errors per profile



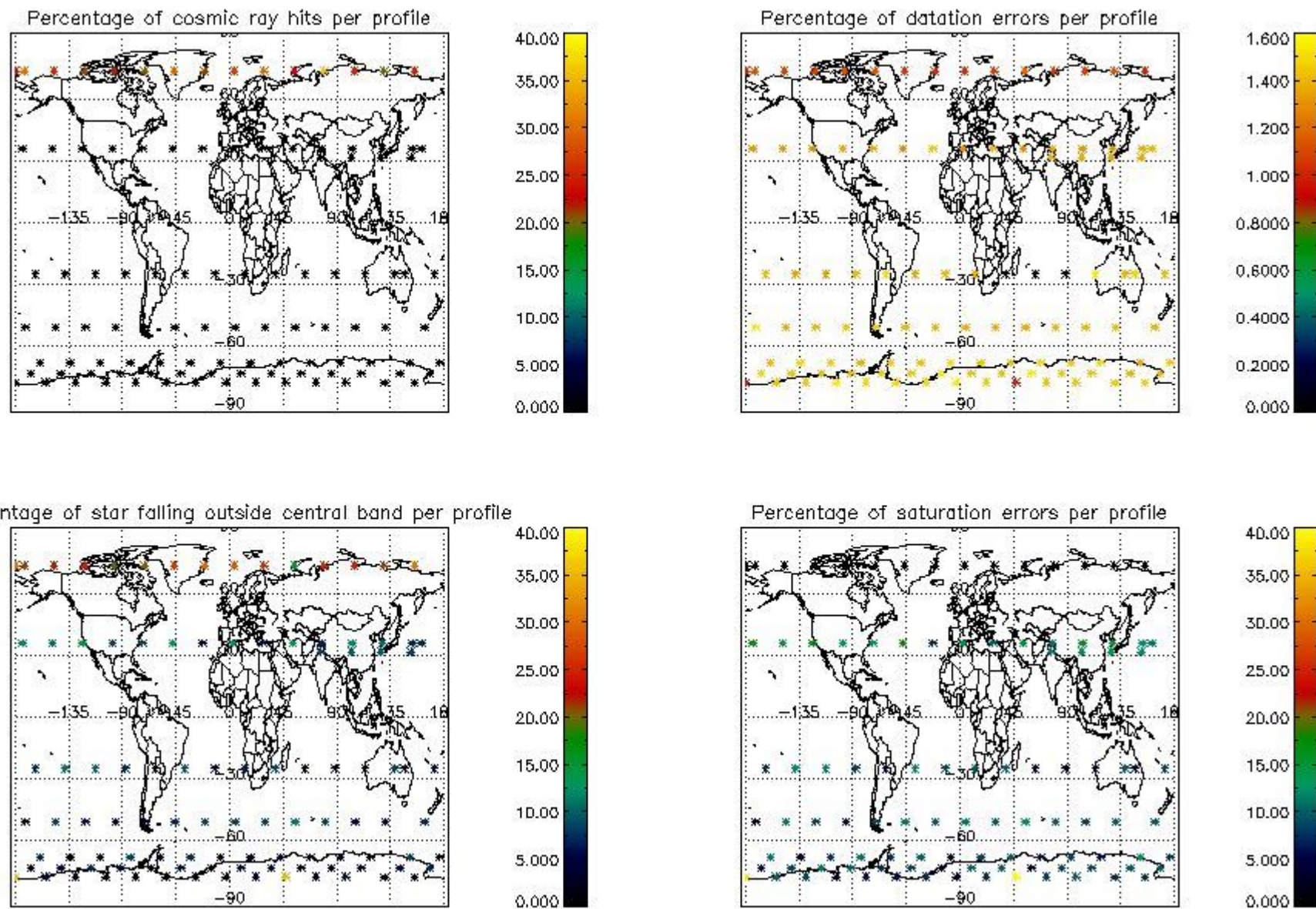
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

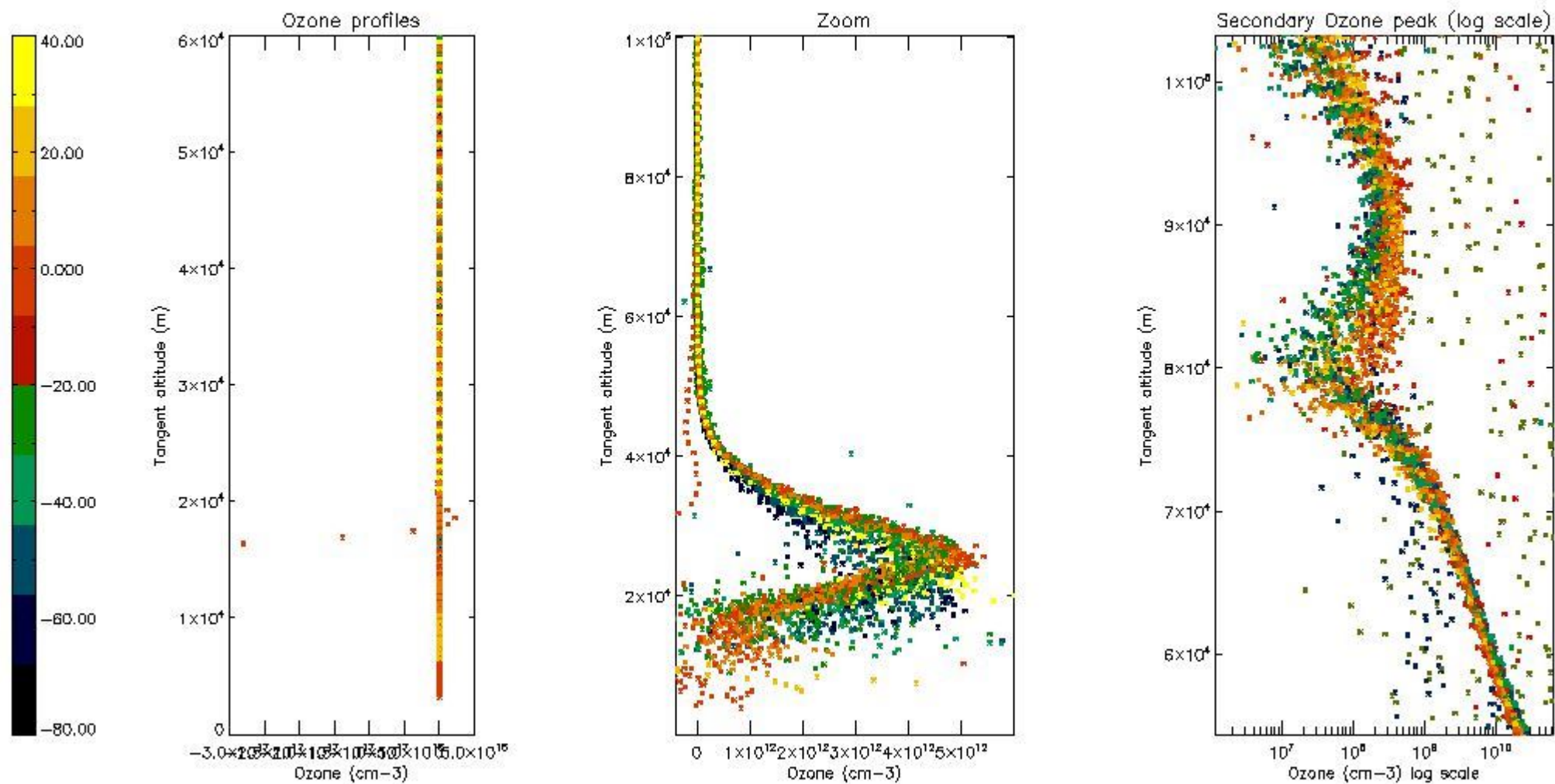
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	52
STD < 20	31

STD < 10	25
STD < 5	19

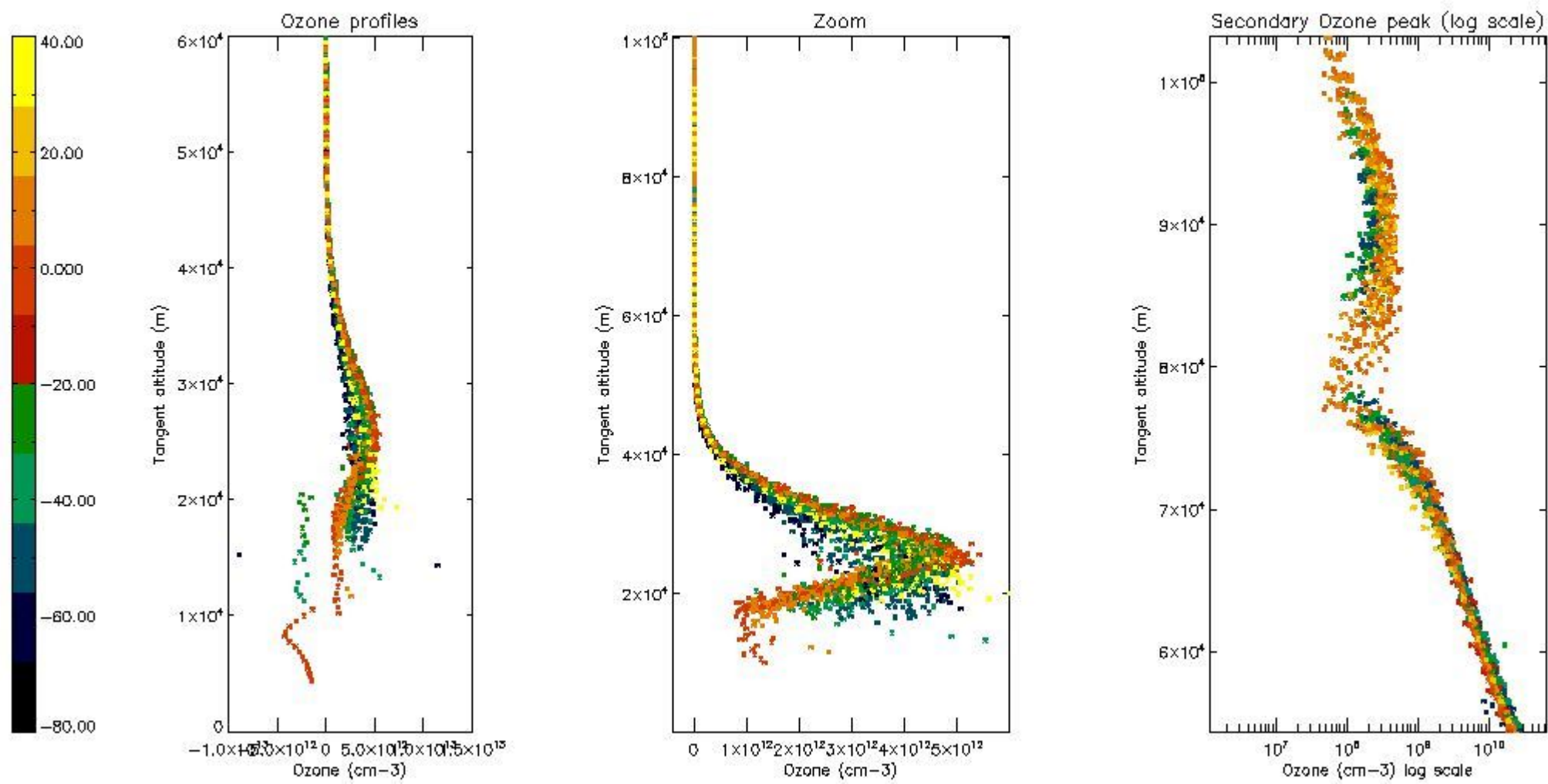
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



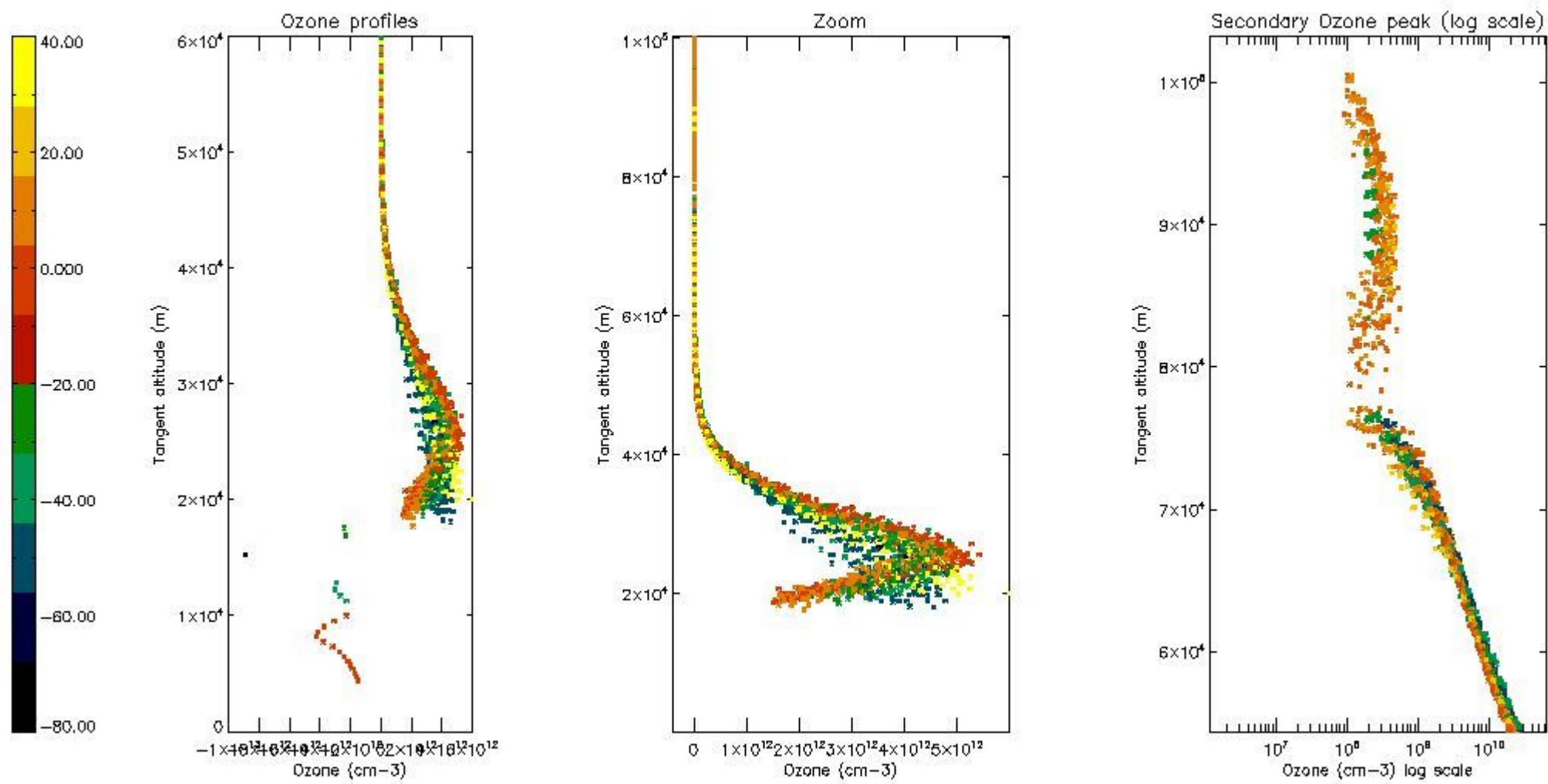
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



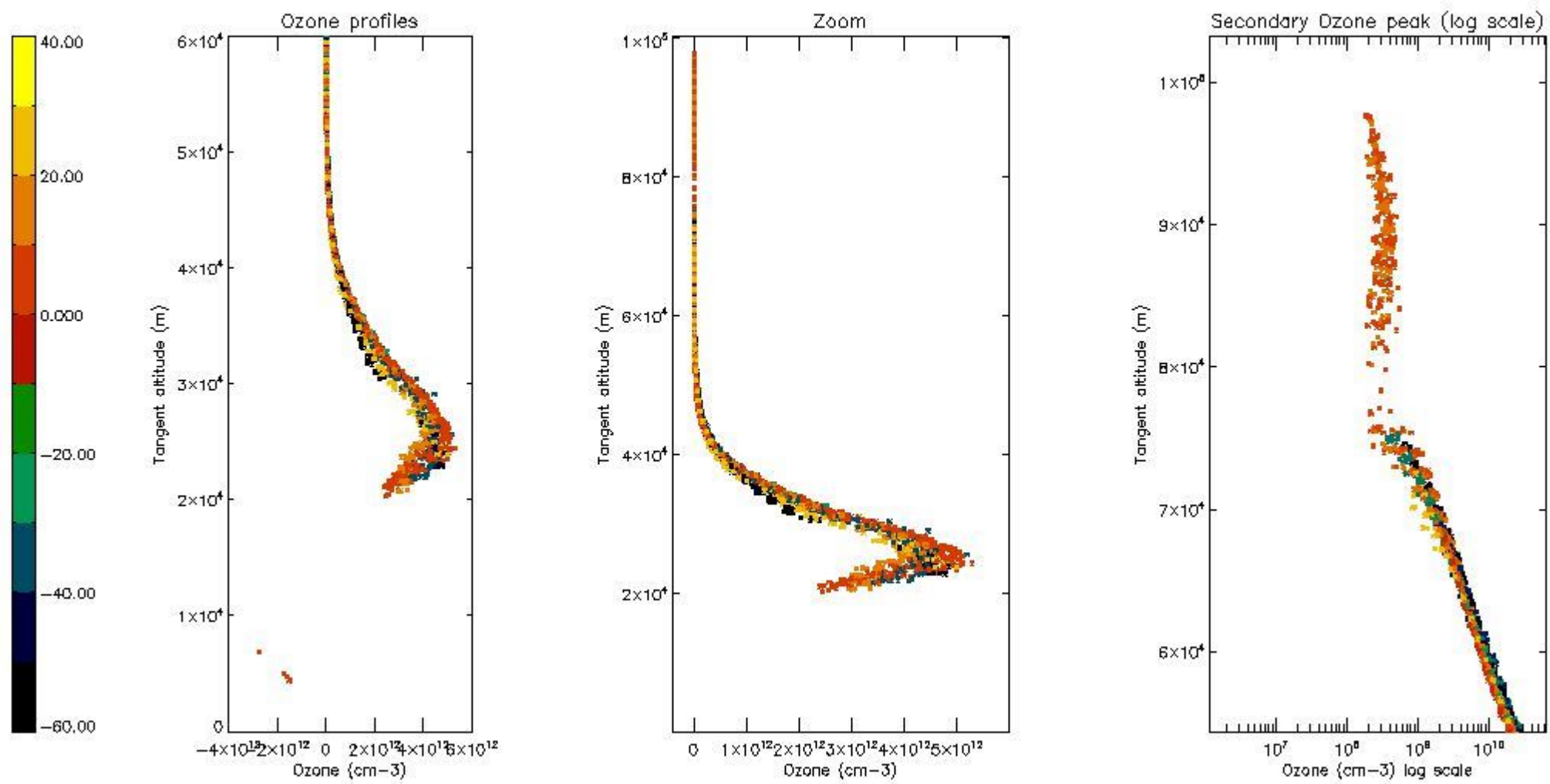
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



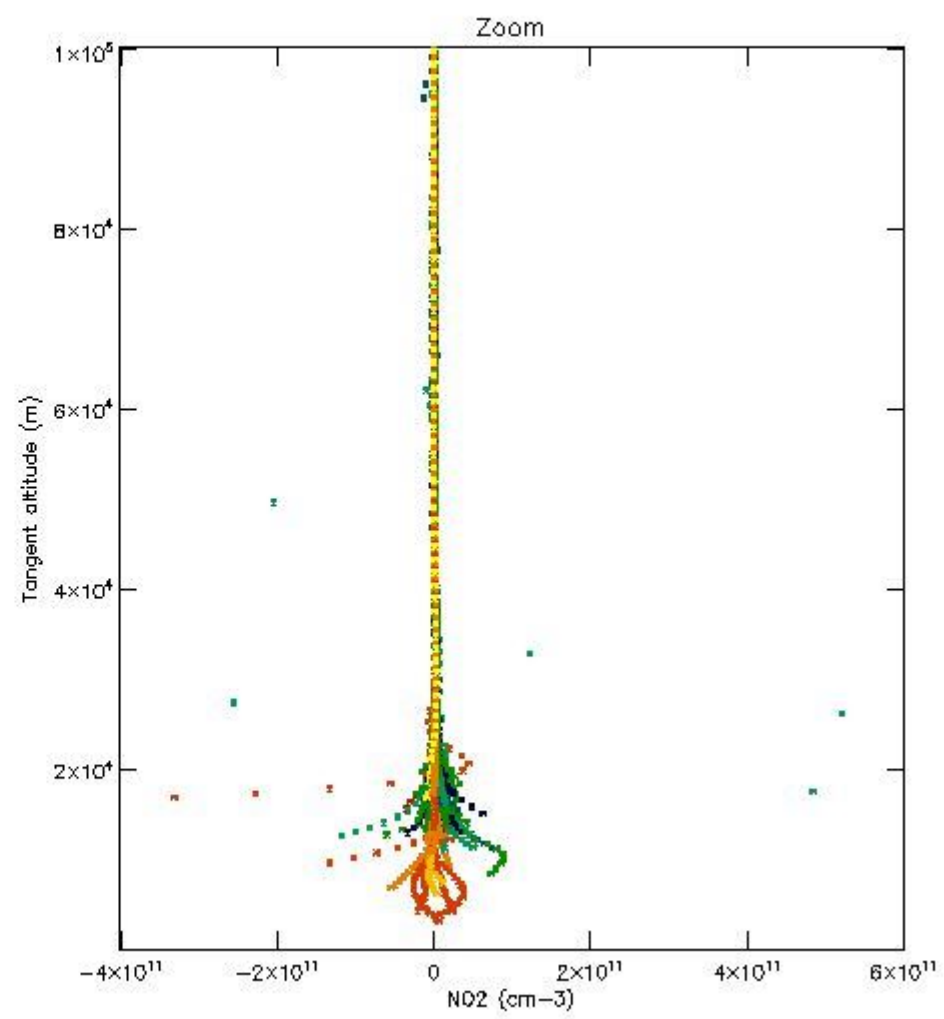
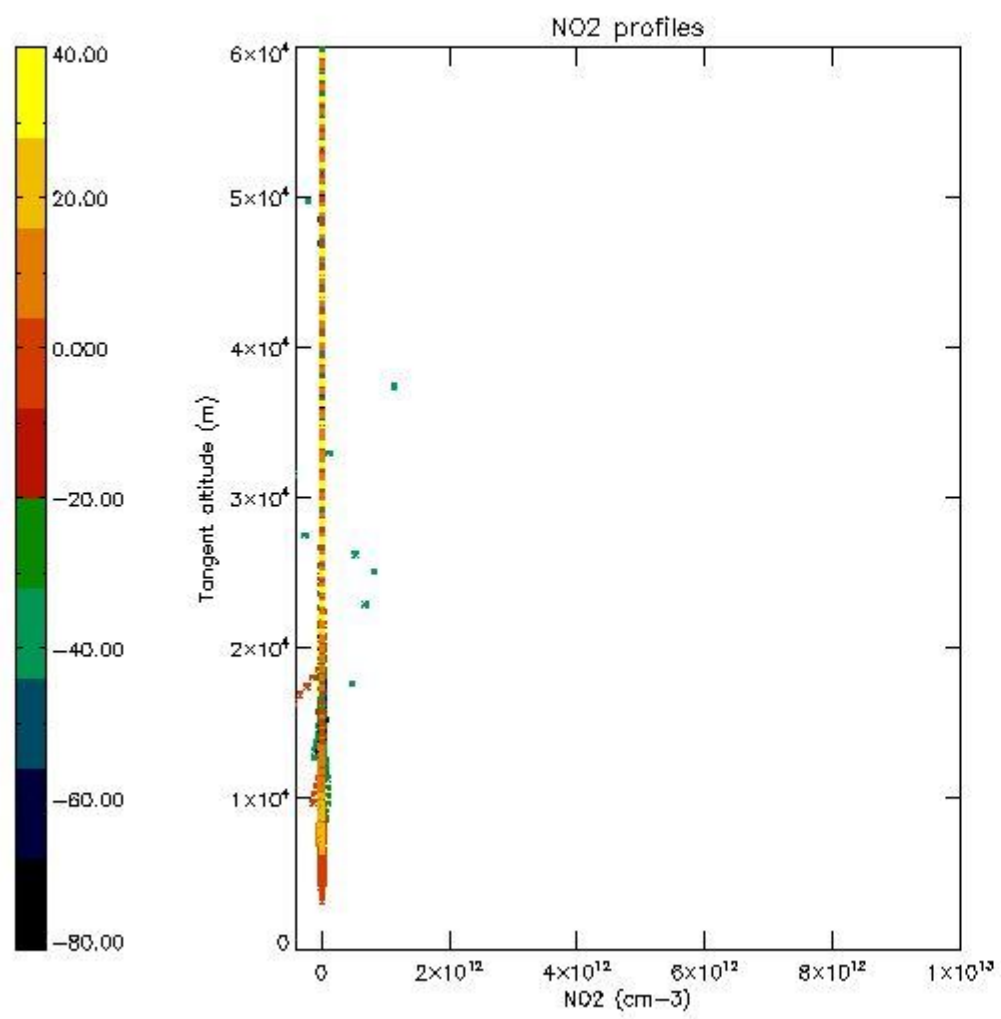
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



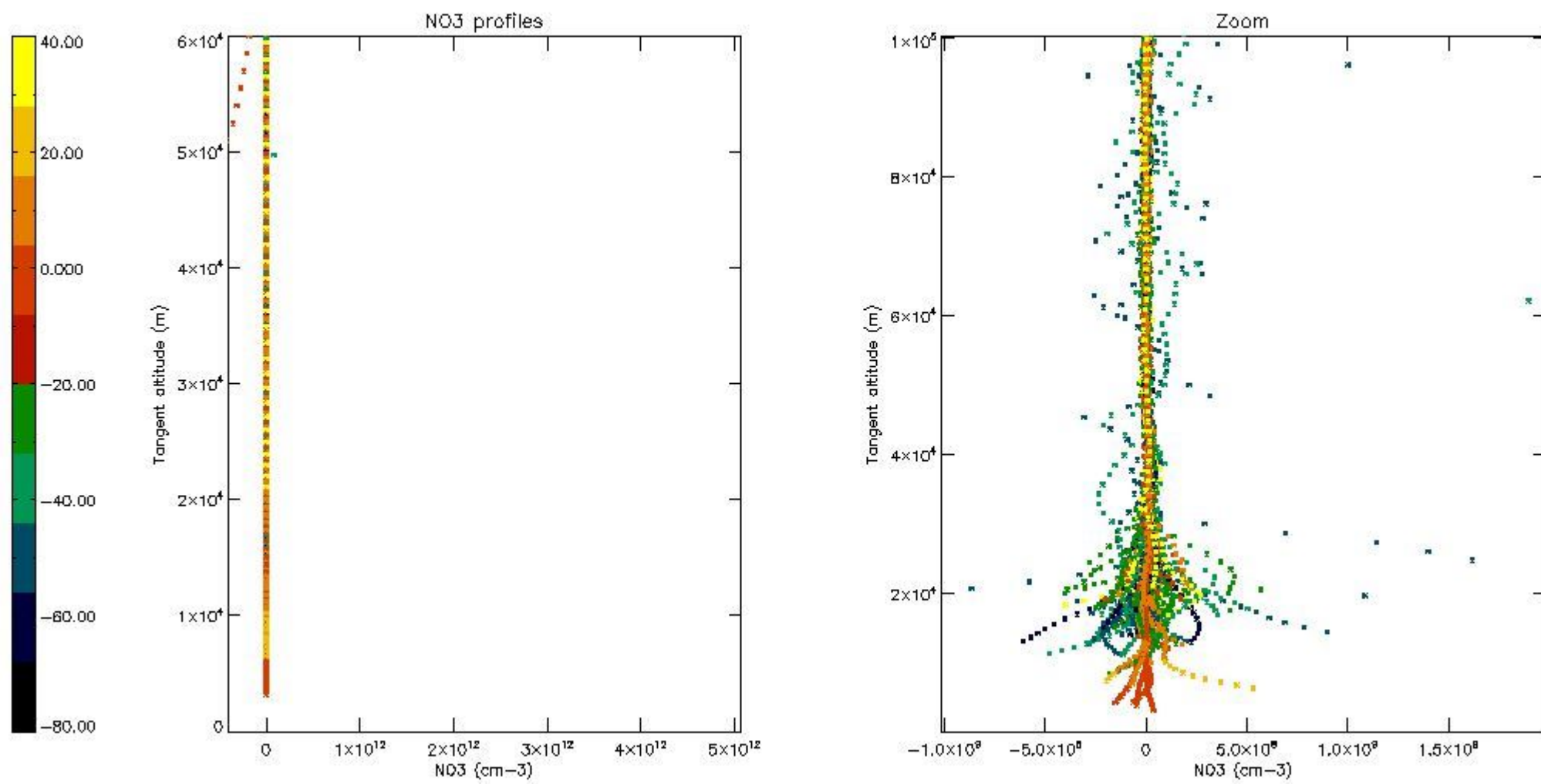
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



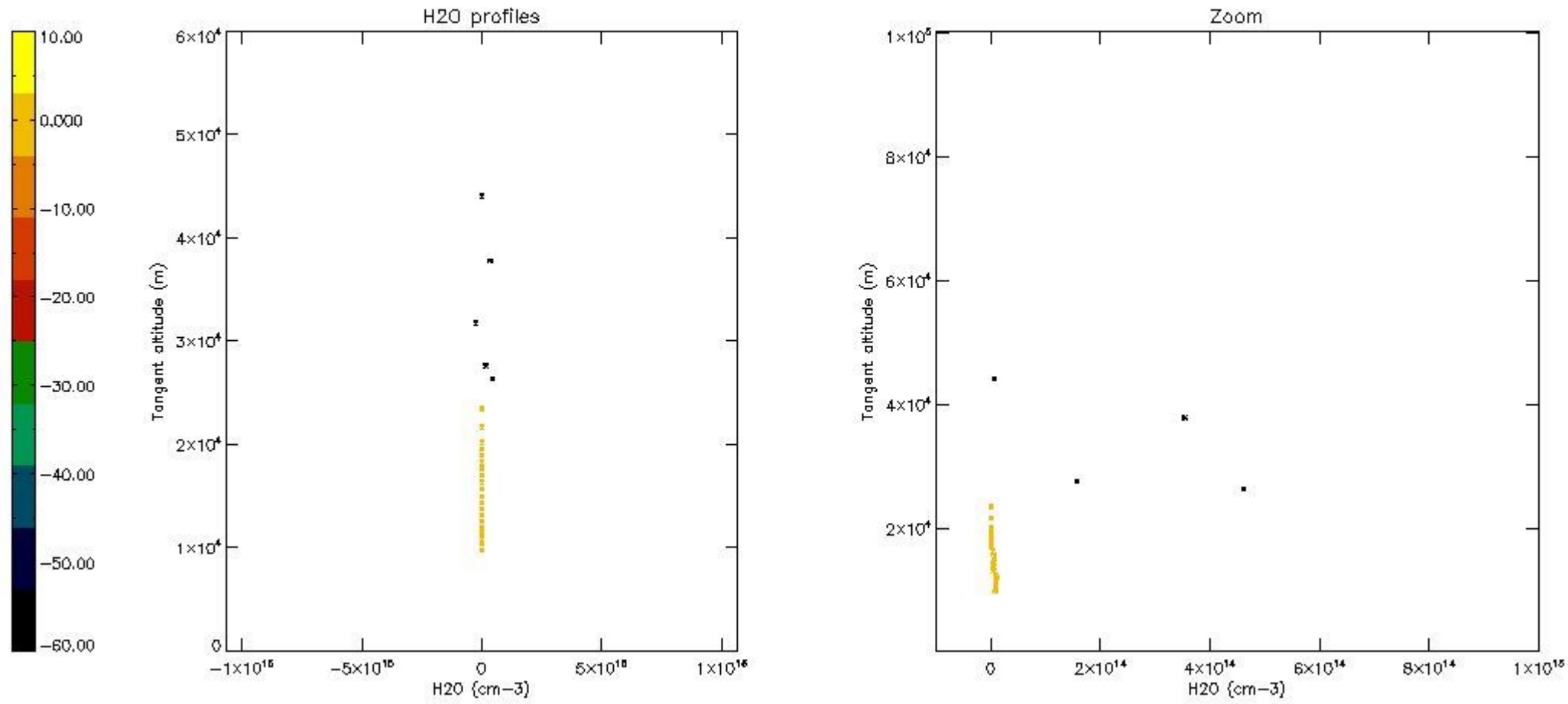
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

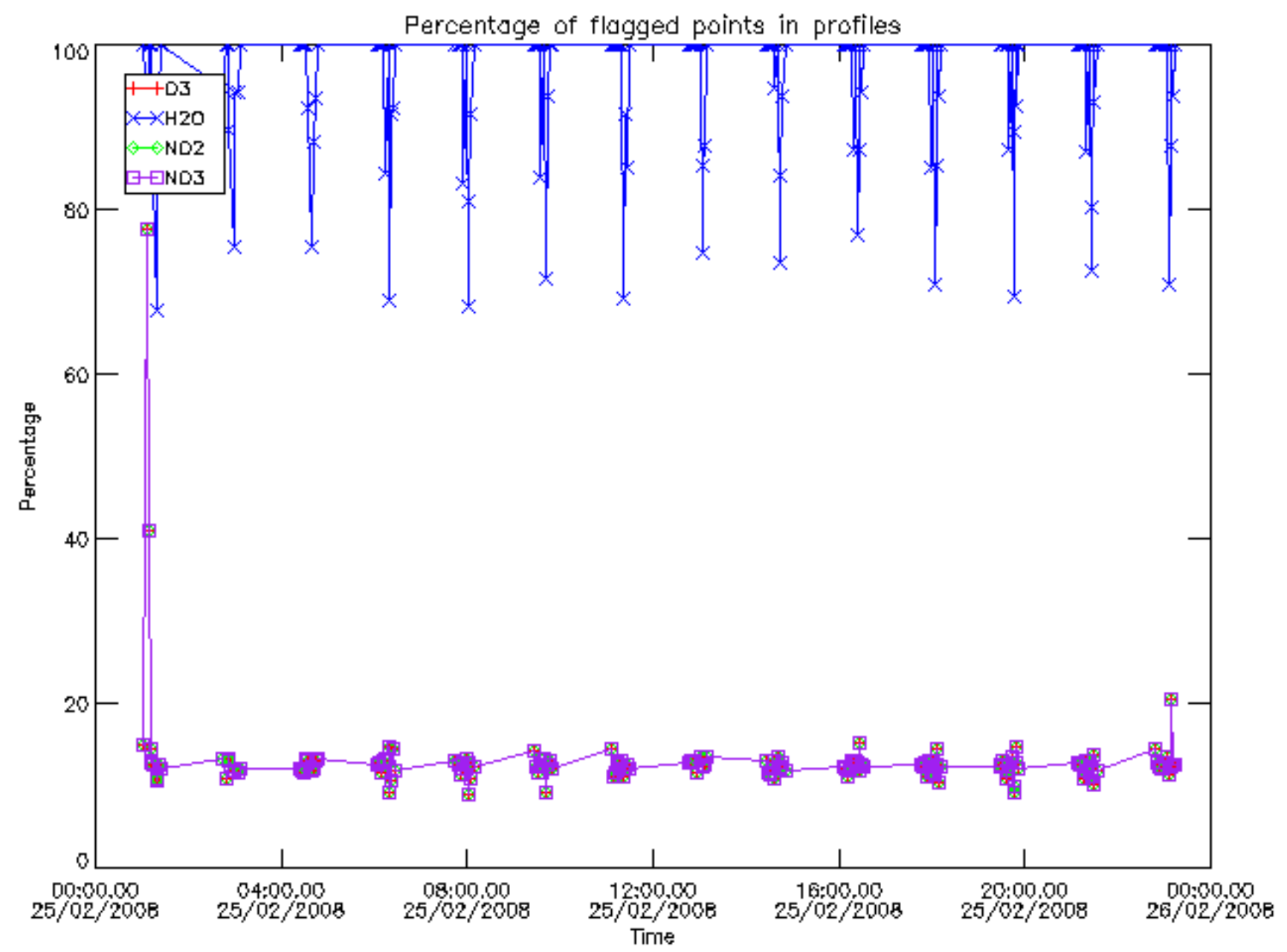
The colorbar represents the latitude.



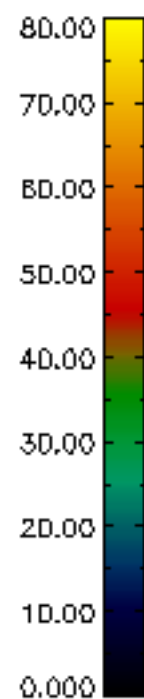
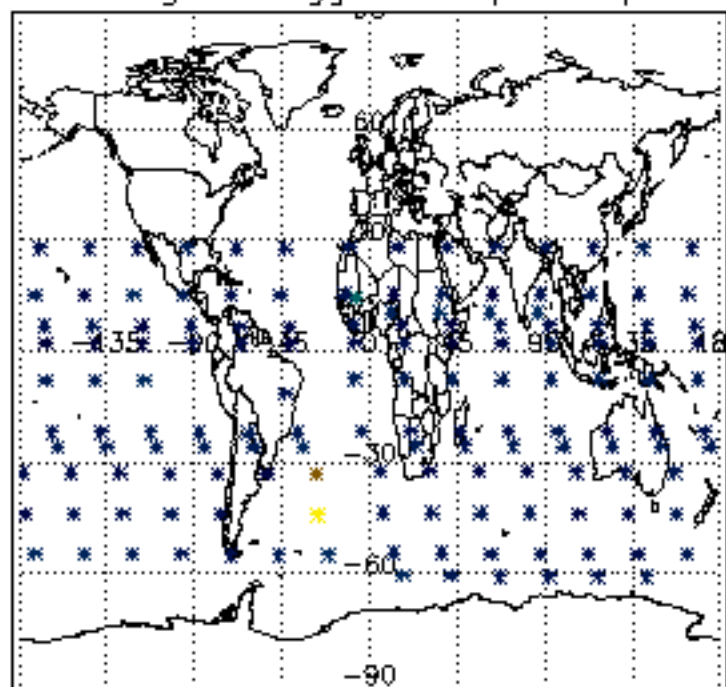
6. Auxiliary Data Files used for the production reported in section 2

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

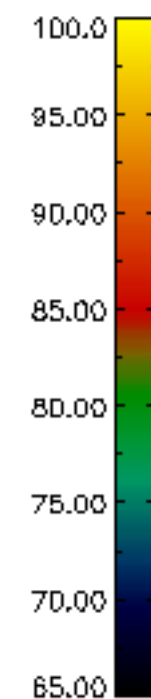
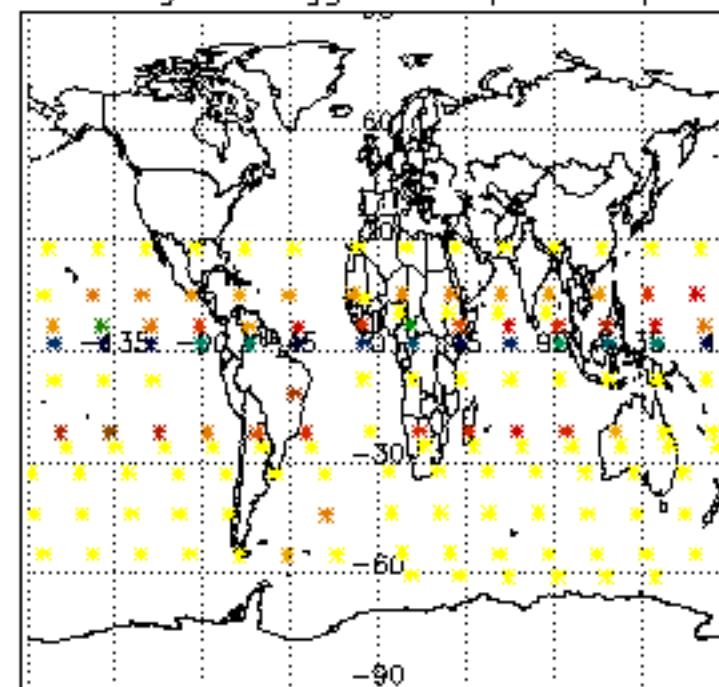
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-FEB-2008 00:00:36
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-FEB-2008 00:00:36
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-FEB-2008 00:00:36



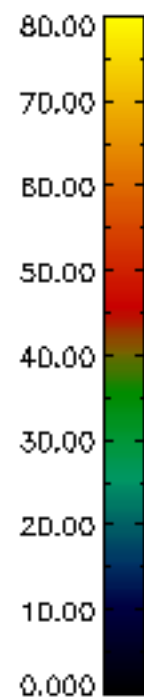
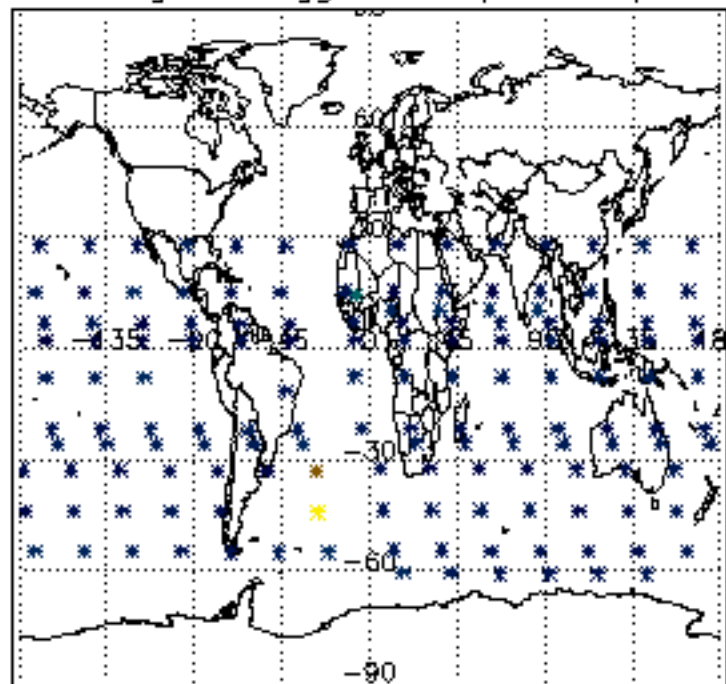
Percentage of flagged data per D3 profile



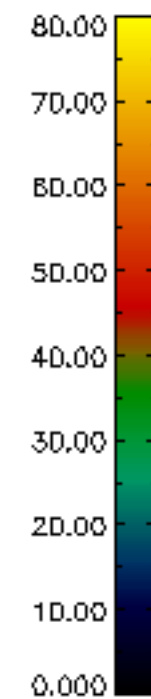
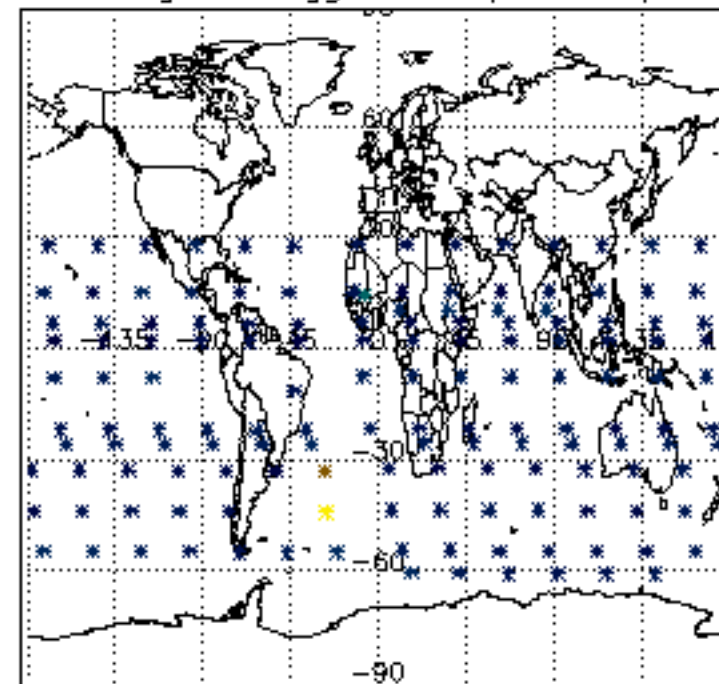
Percentage of flagged data per H2O profile

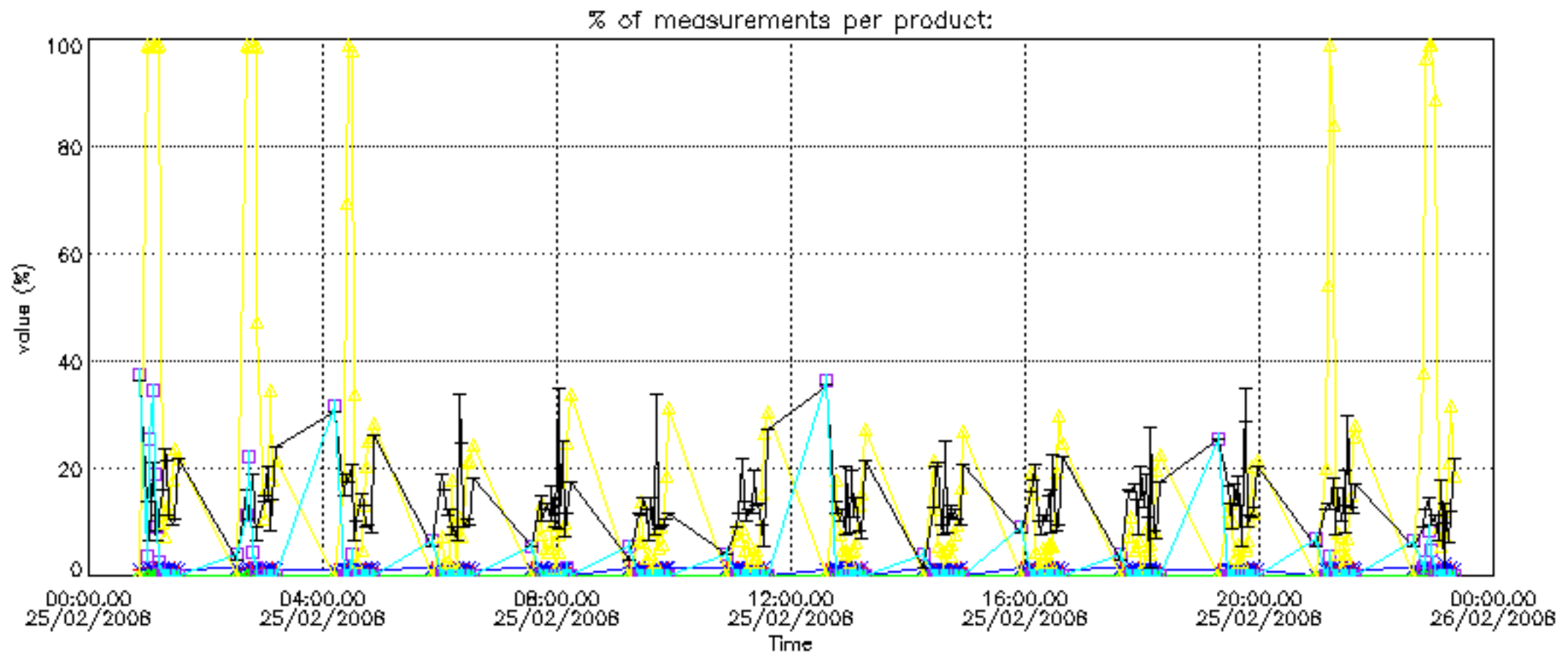


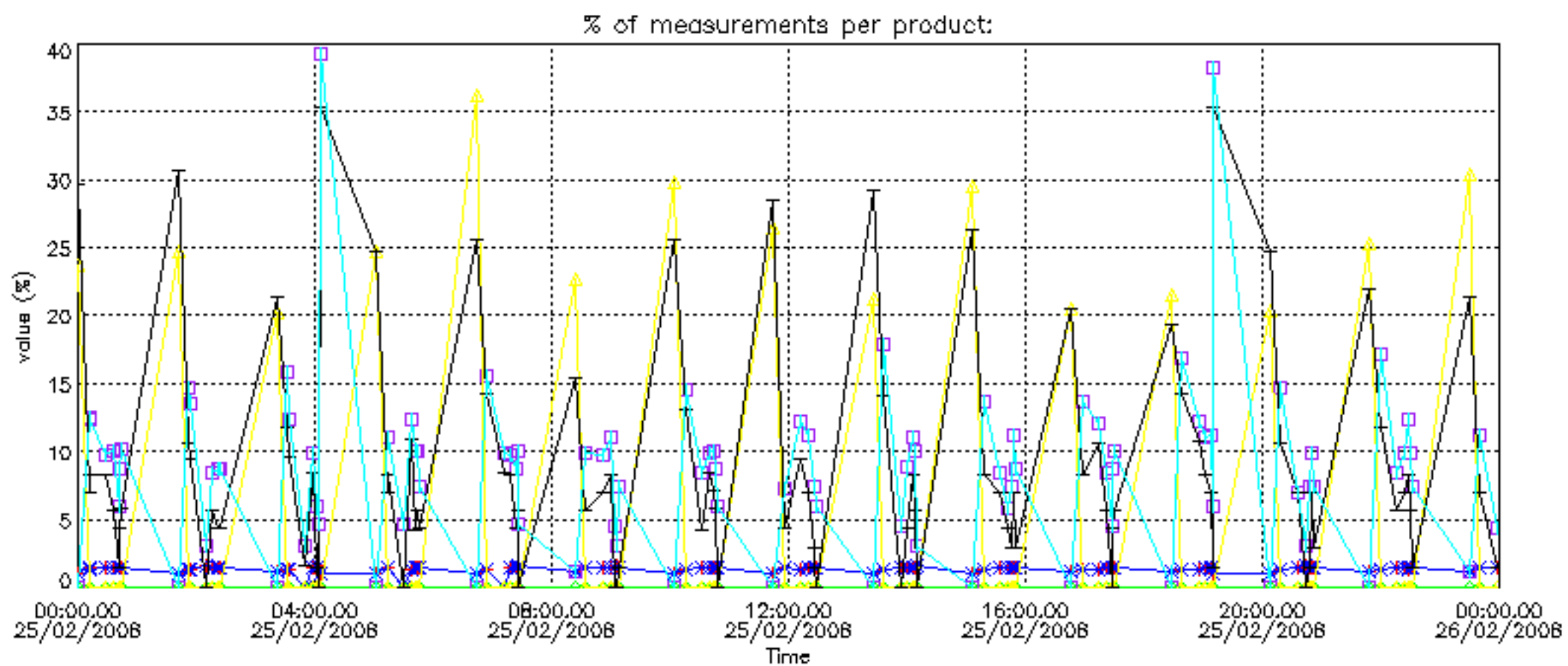
Percentage of flagged data per NO2 profile



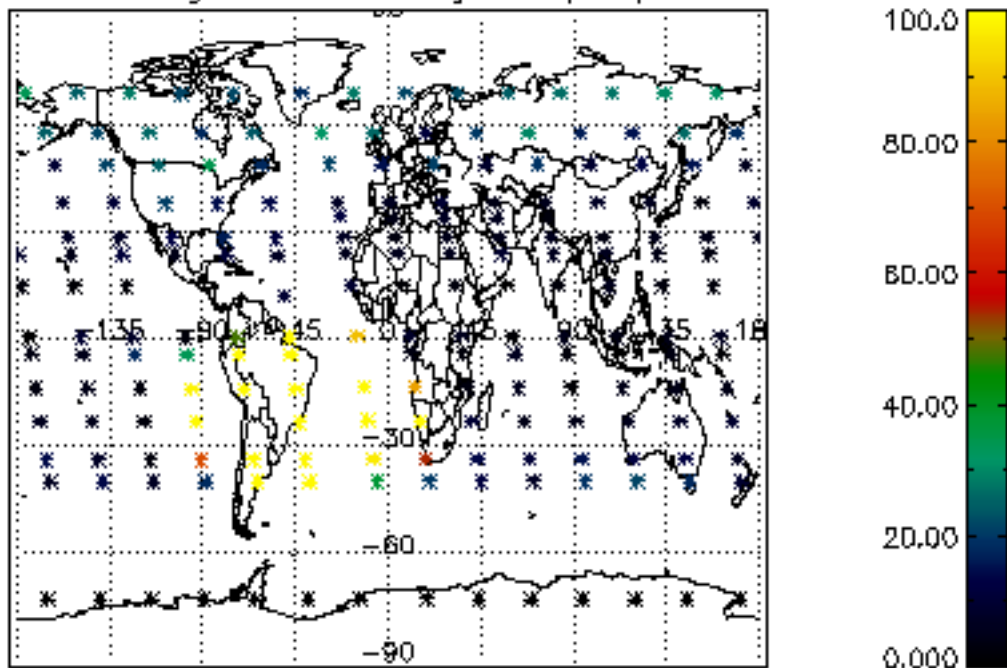
Percentage of flagged data per NO3 profile



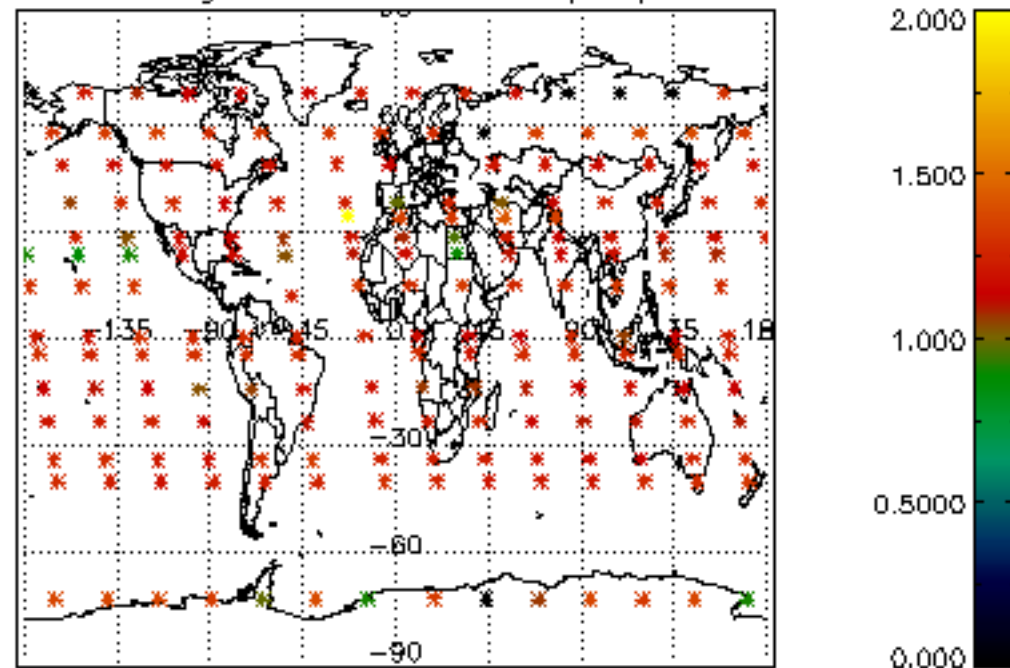




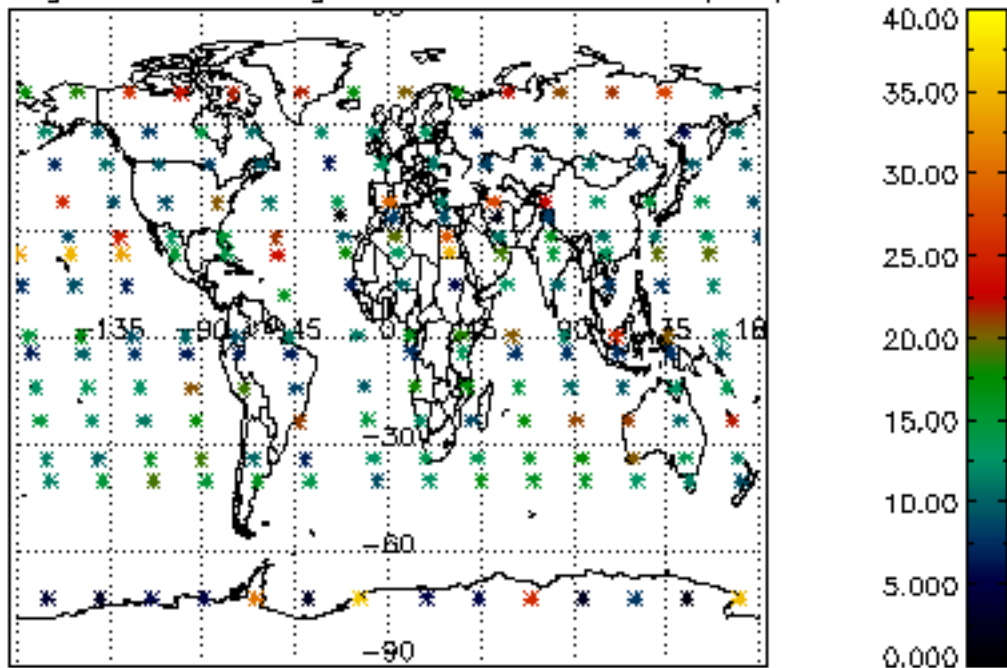
Percentage of cosmic ray hits per profile



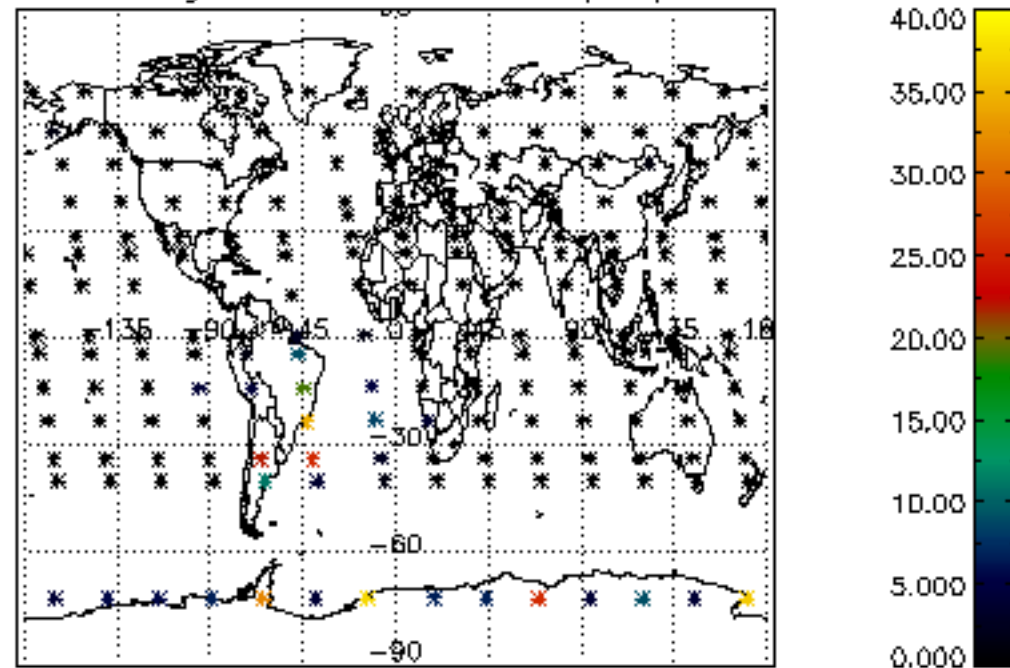
Percentage of datation errors per profile



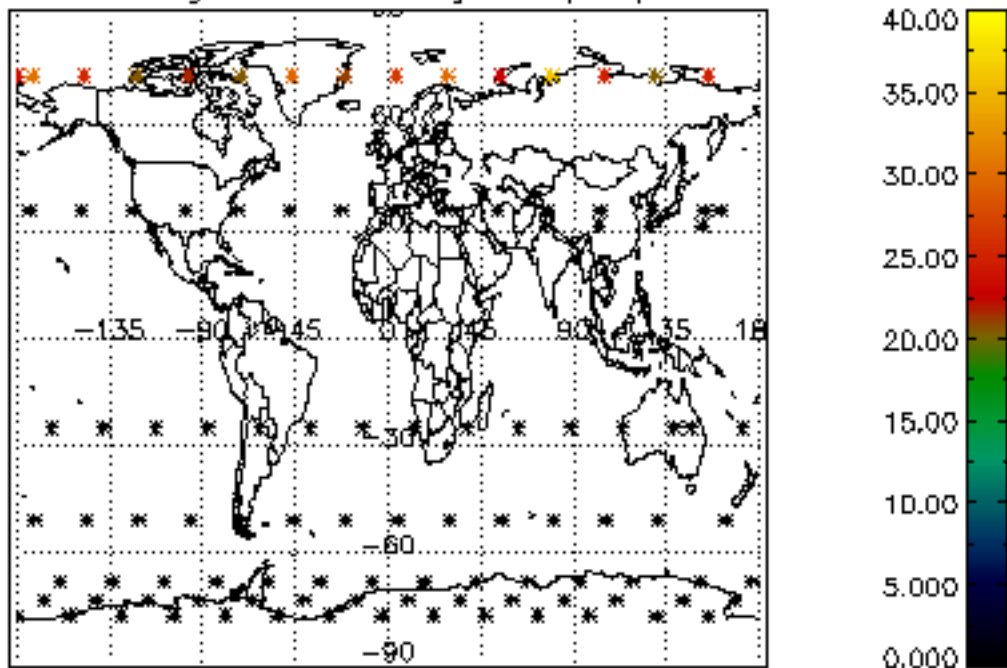
Percentage of star falling outside central band per profile



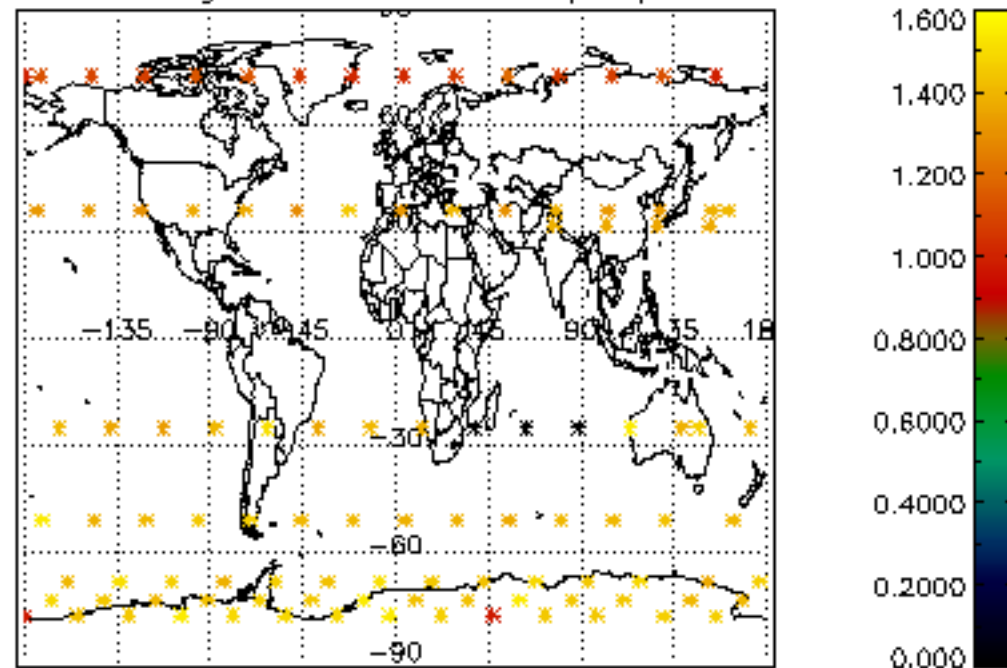
Percentage of saturation errors per profile



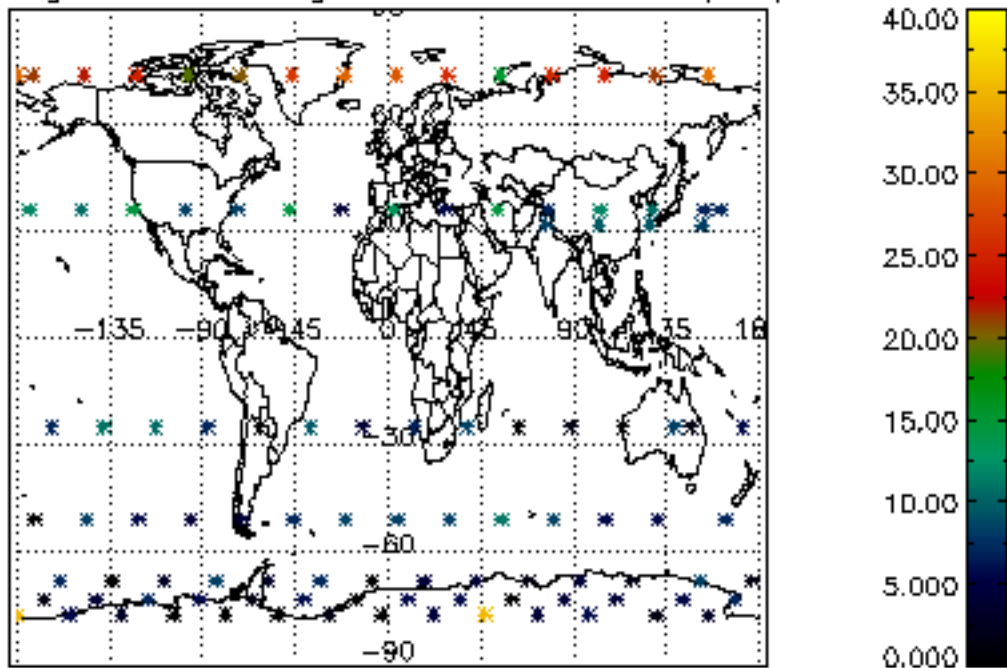
Percentage of cosmic ray hits per profile



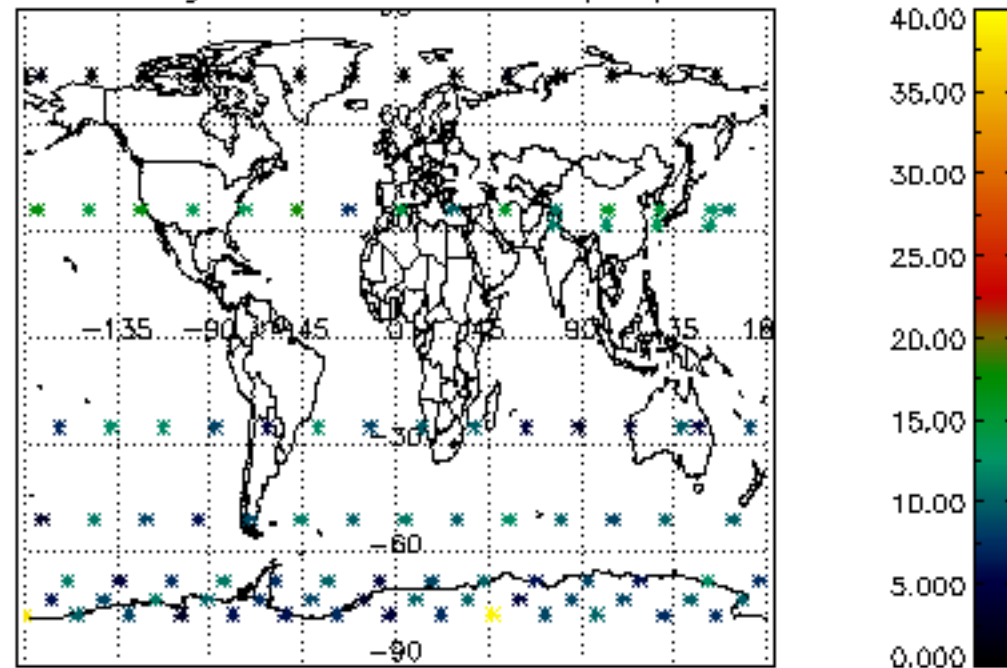
Percentage of datation errors per profile

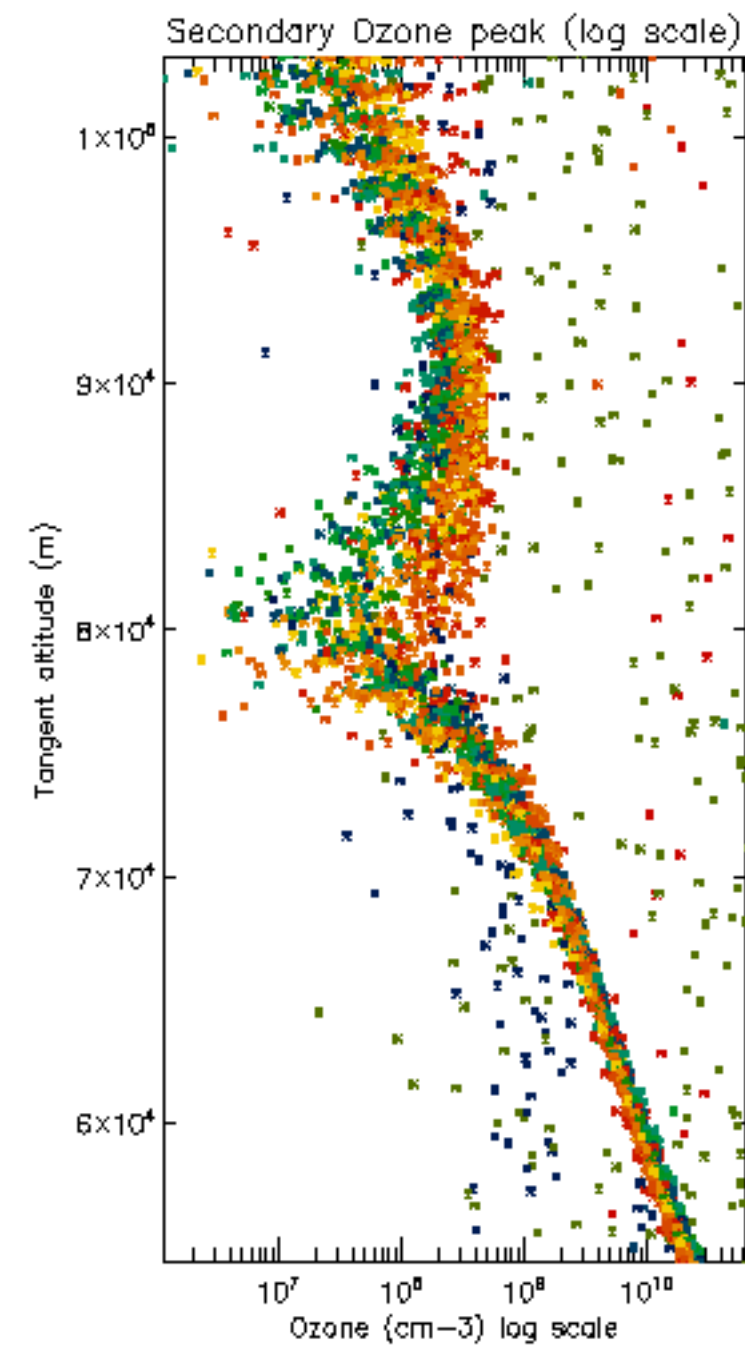
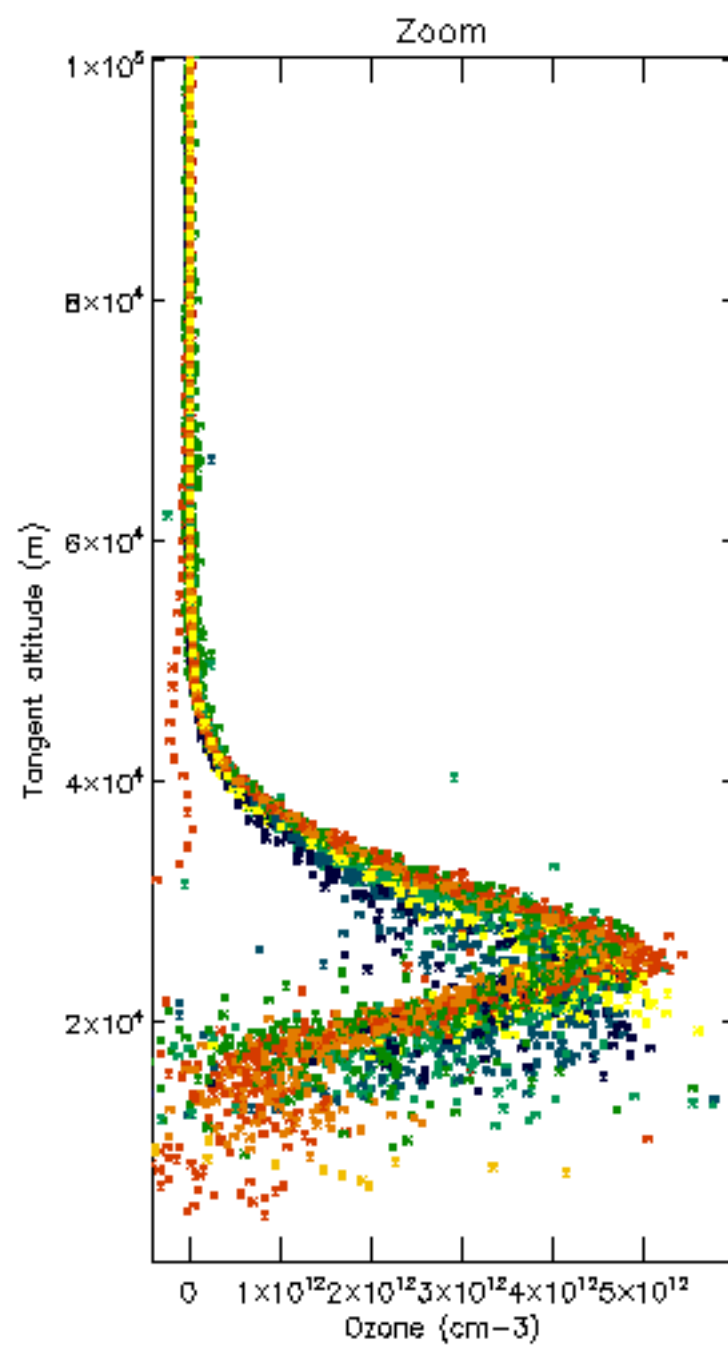
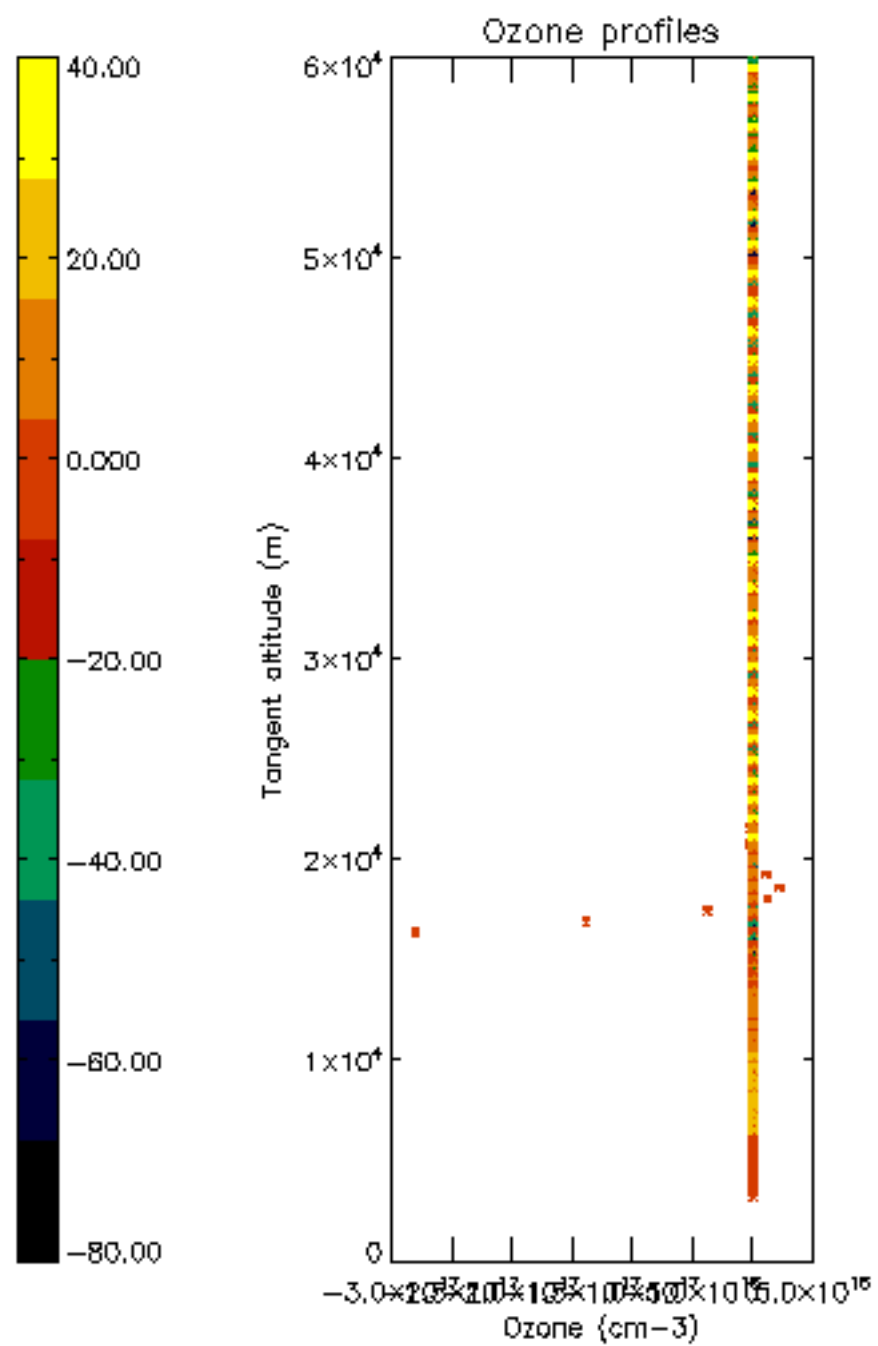


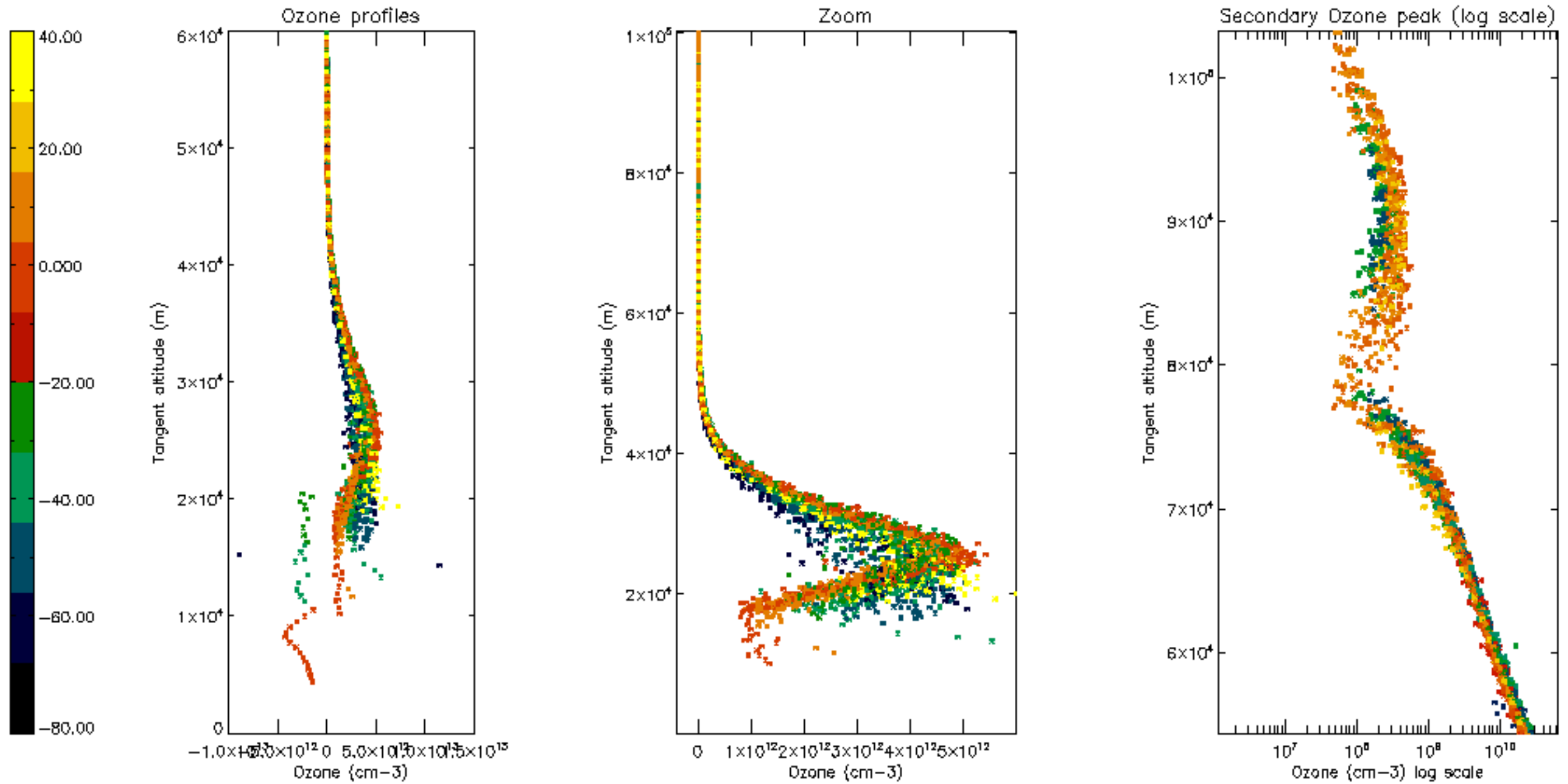
Percentage of star falling outside central band per profile

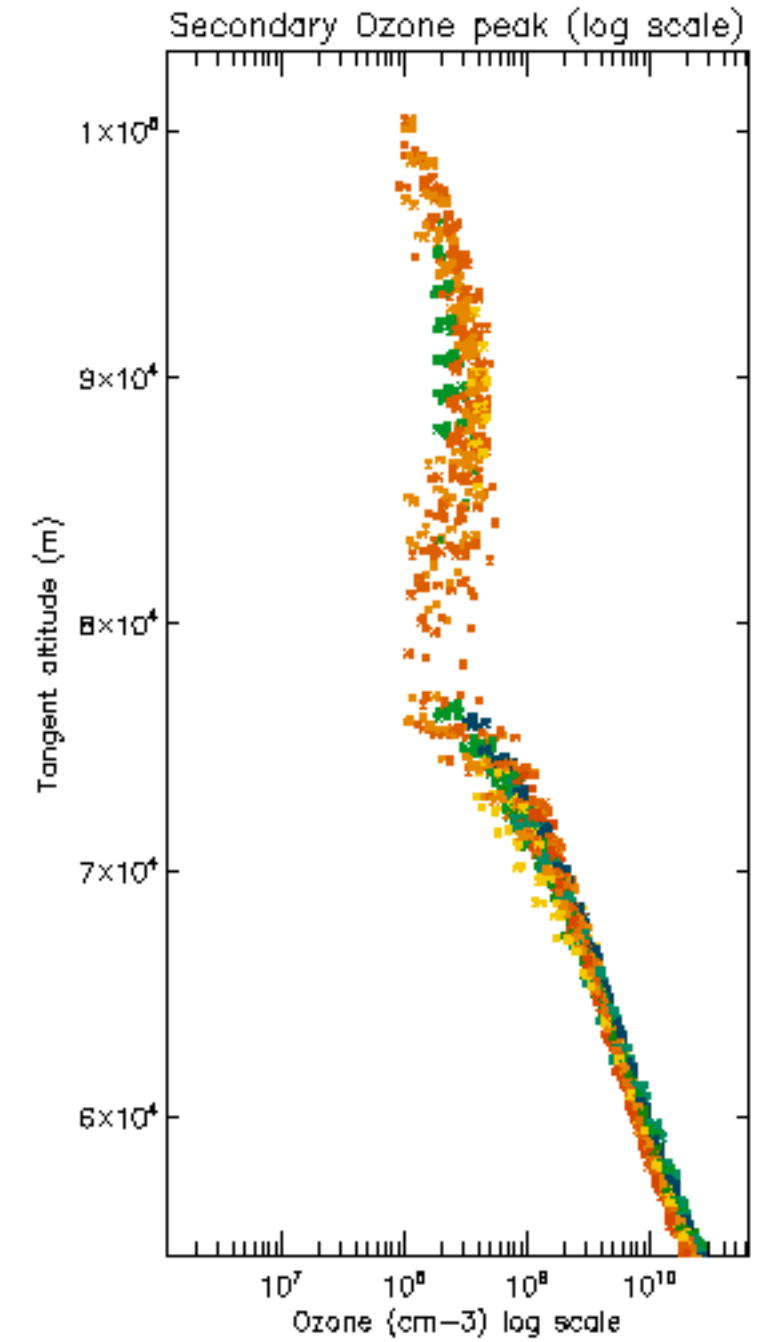
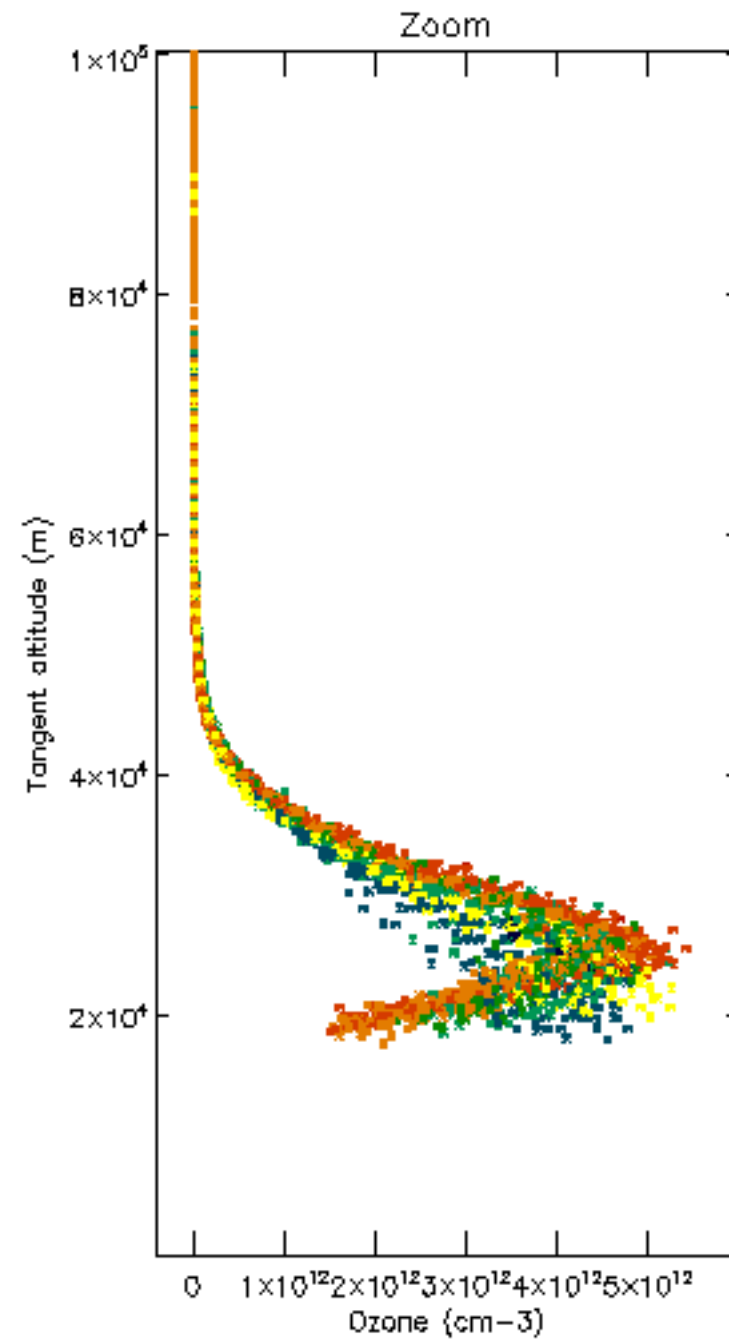
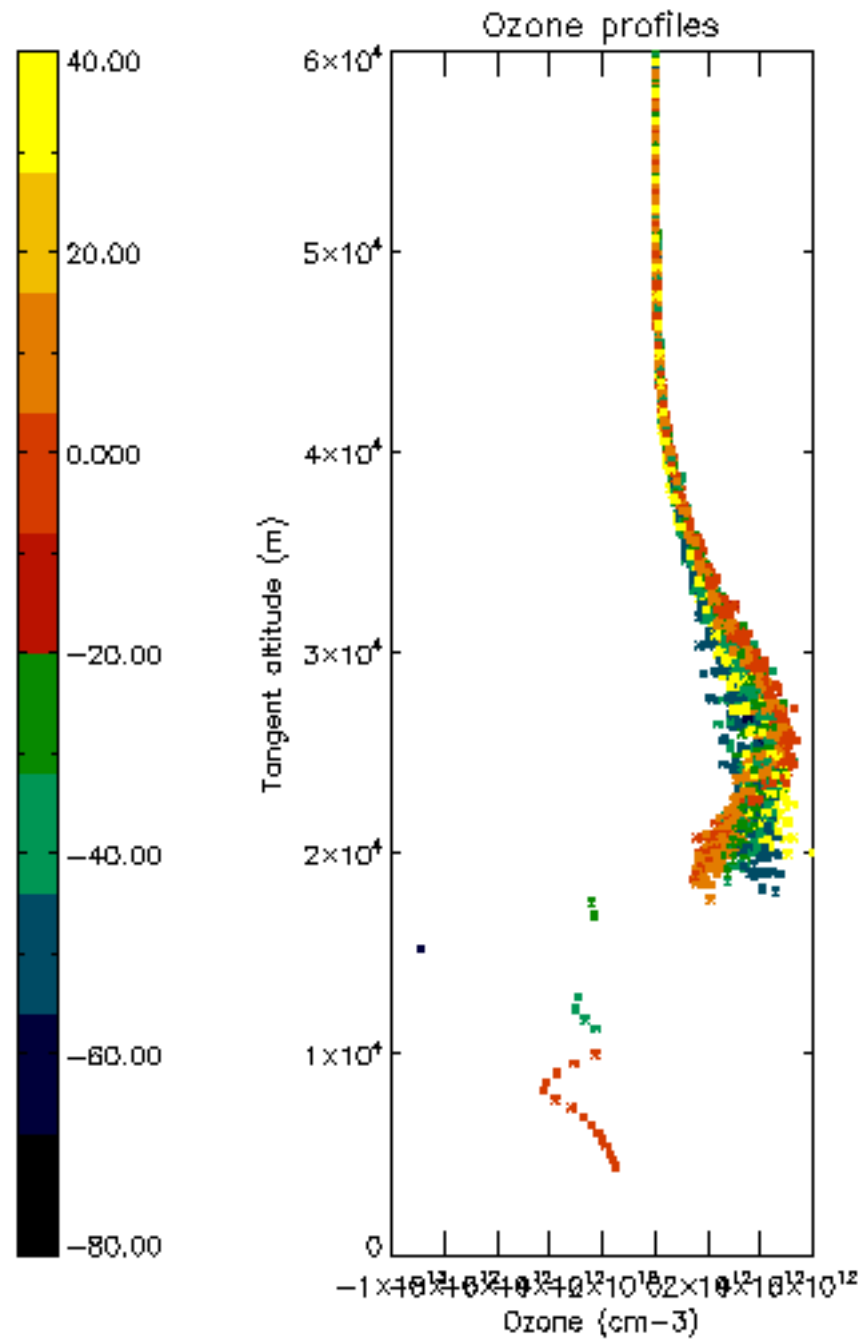


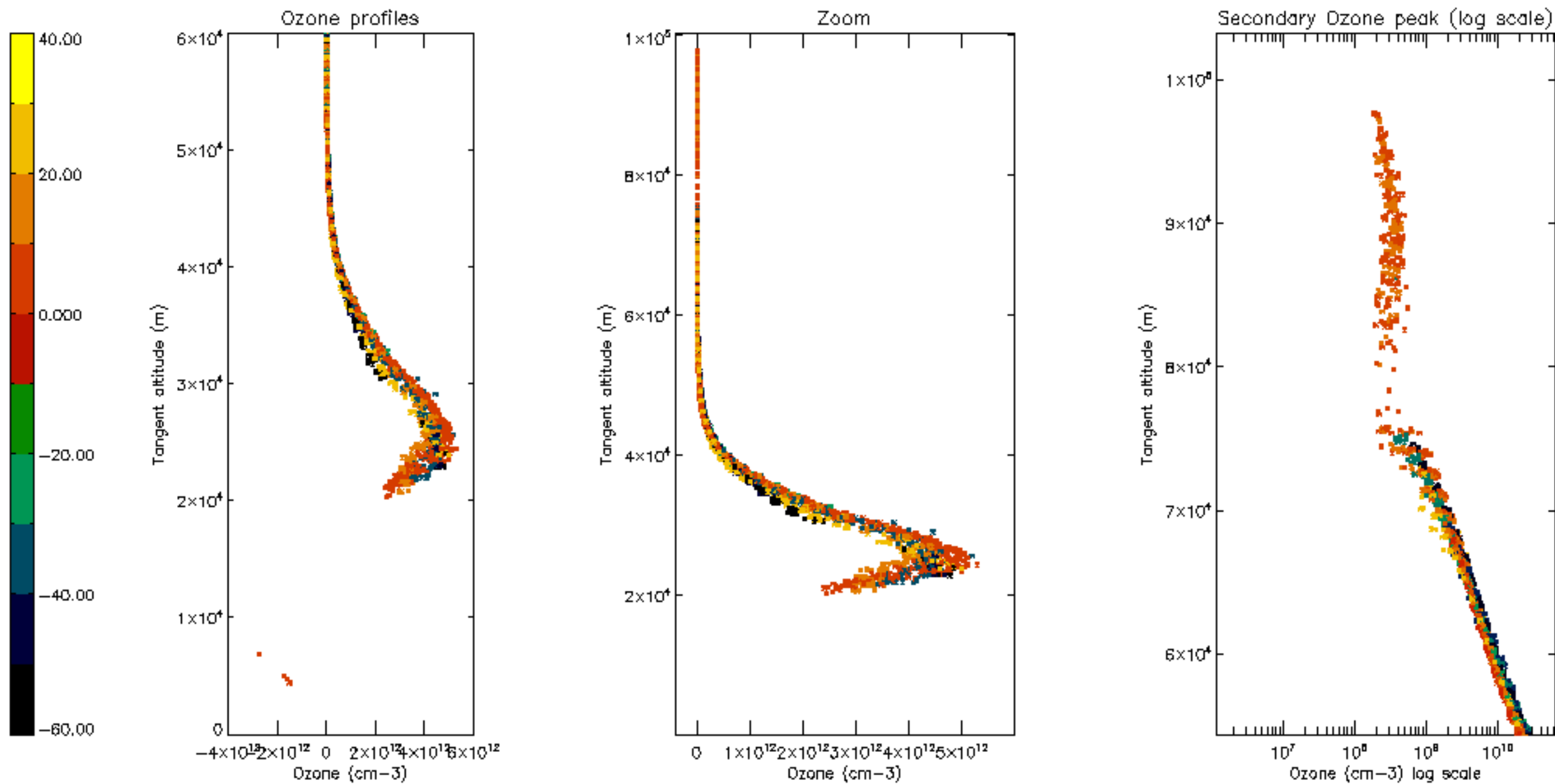
Percentage of saturation errors per profile

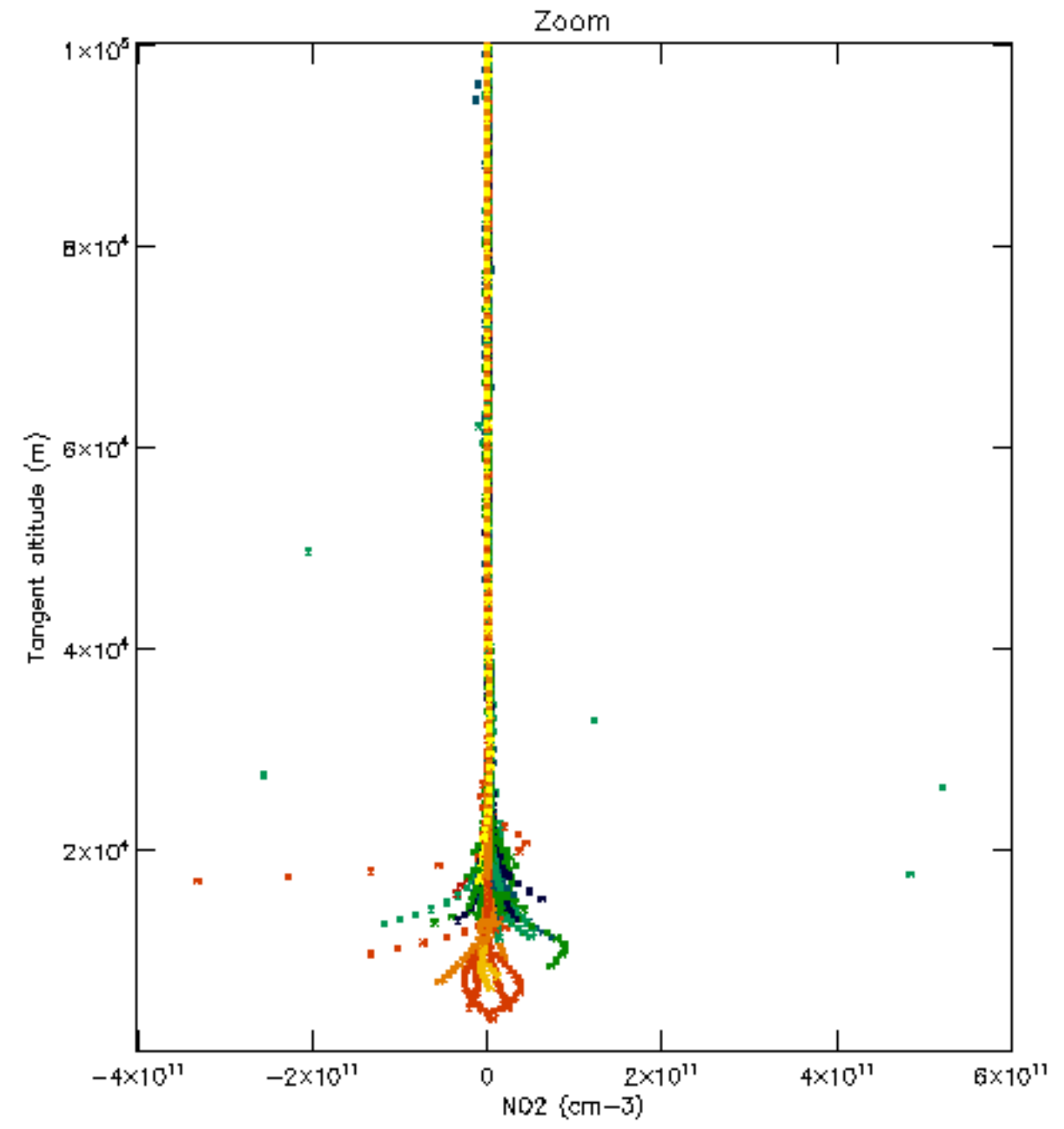
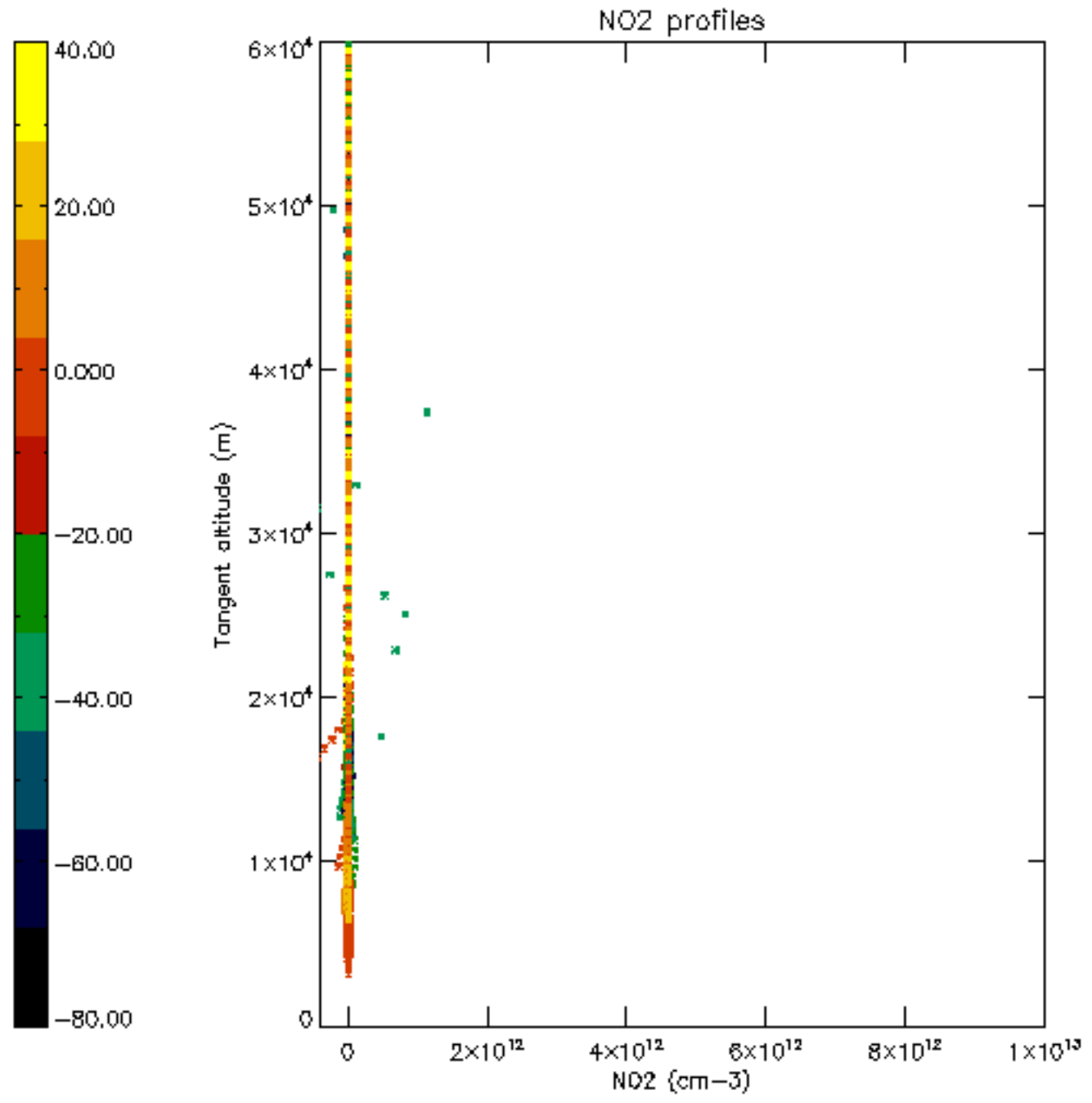


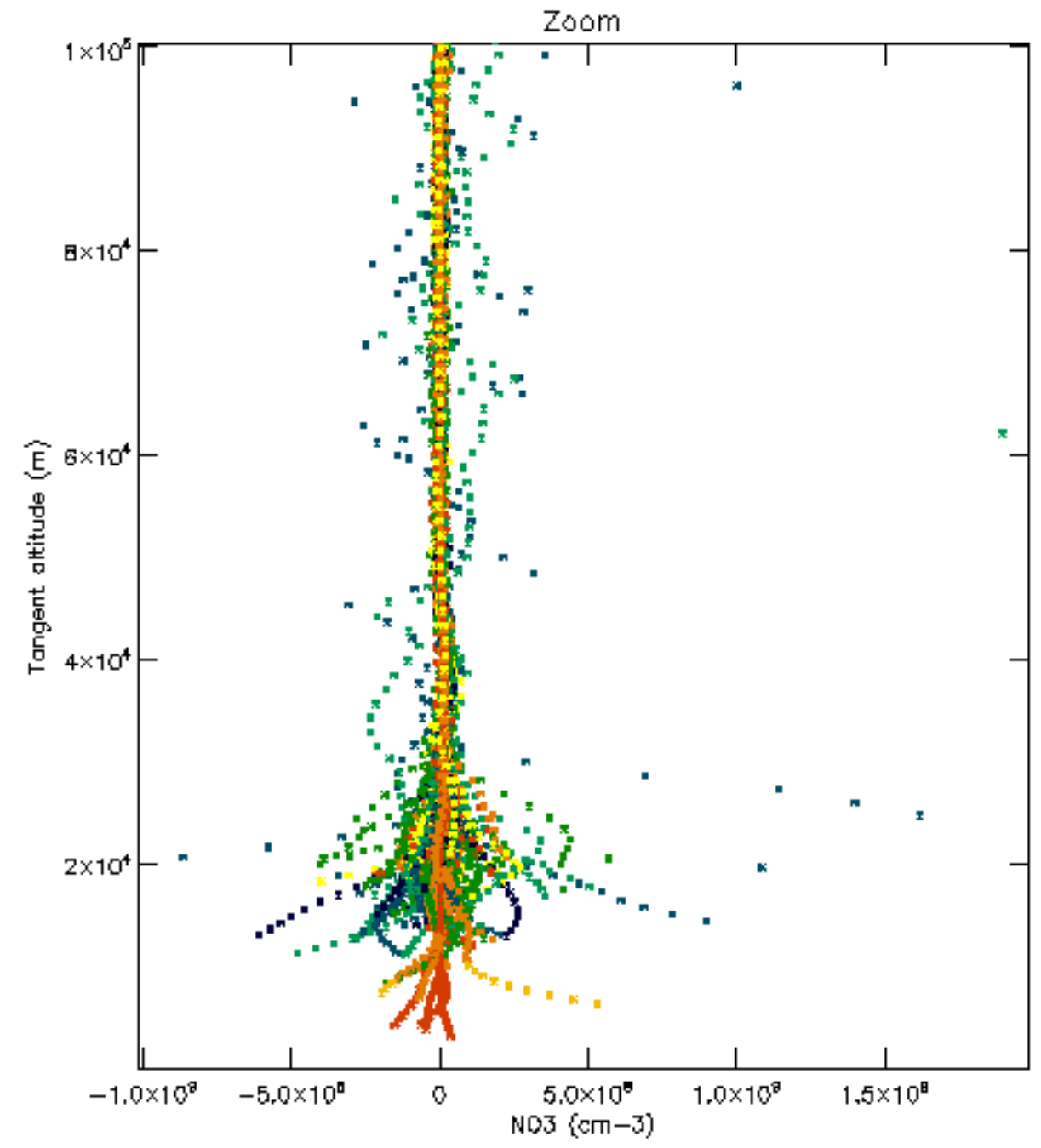
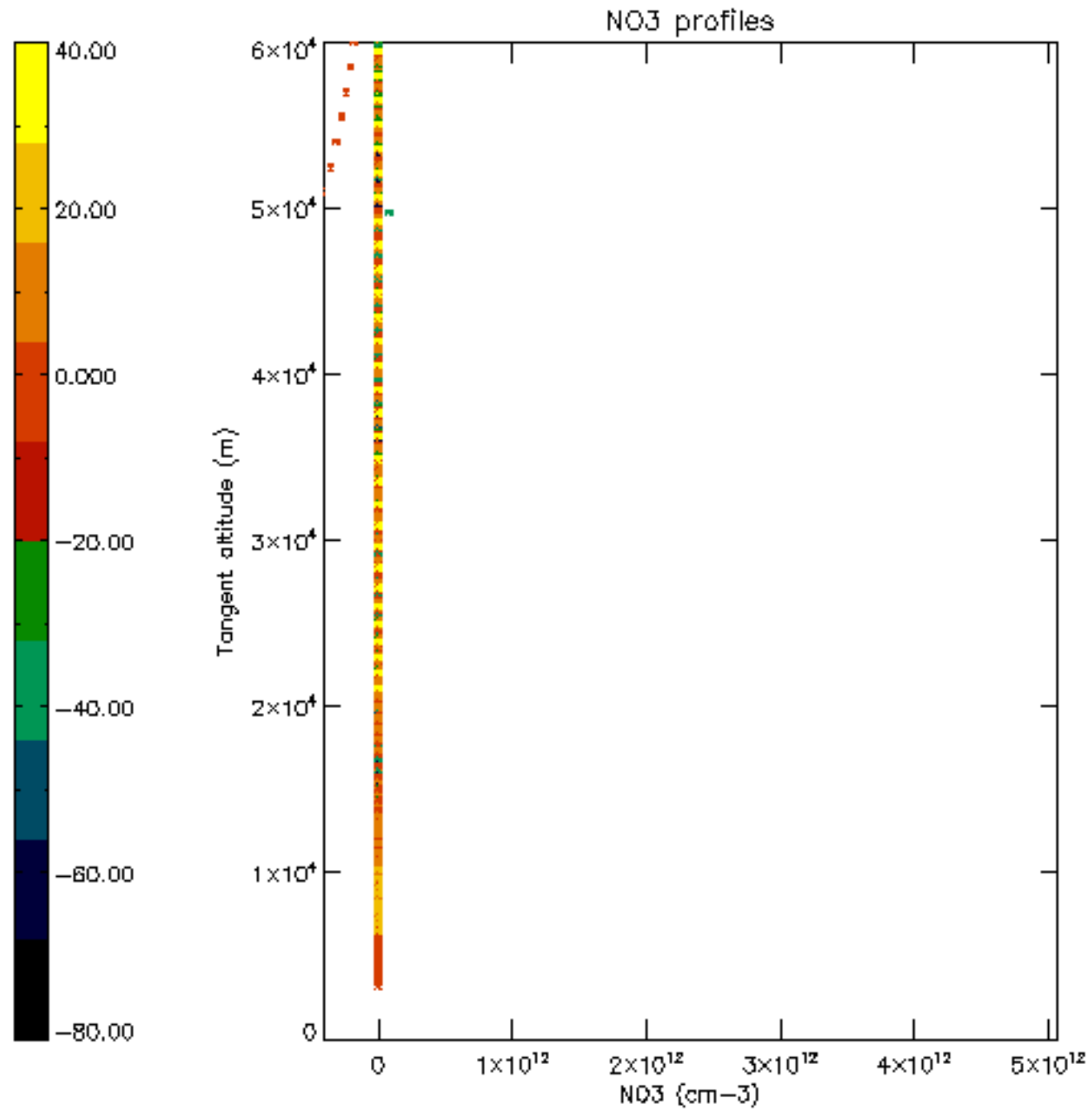


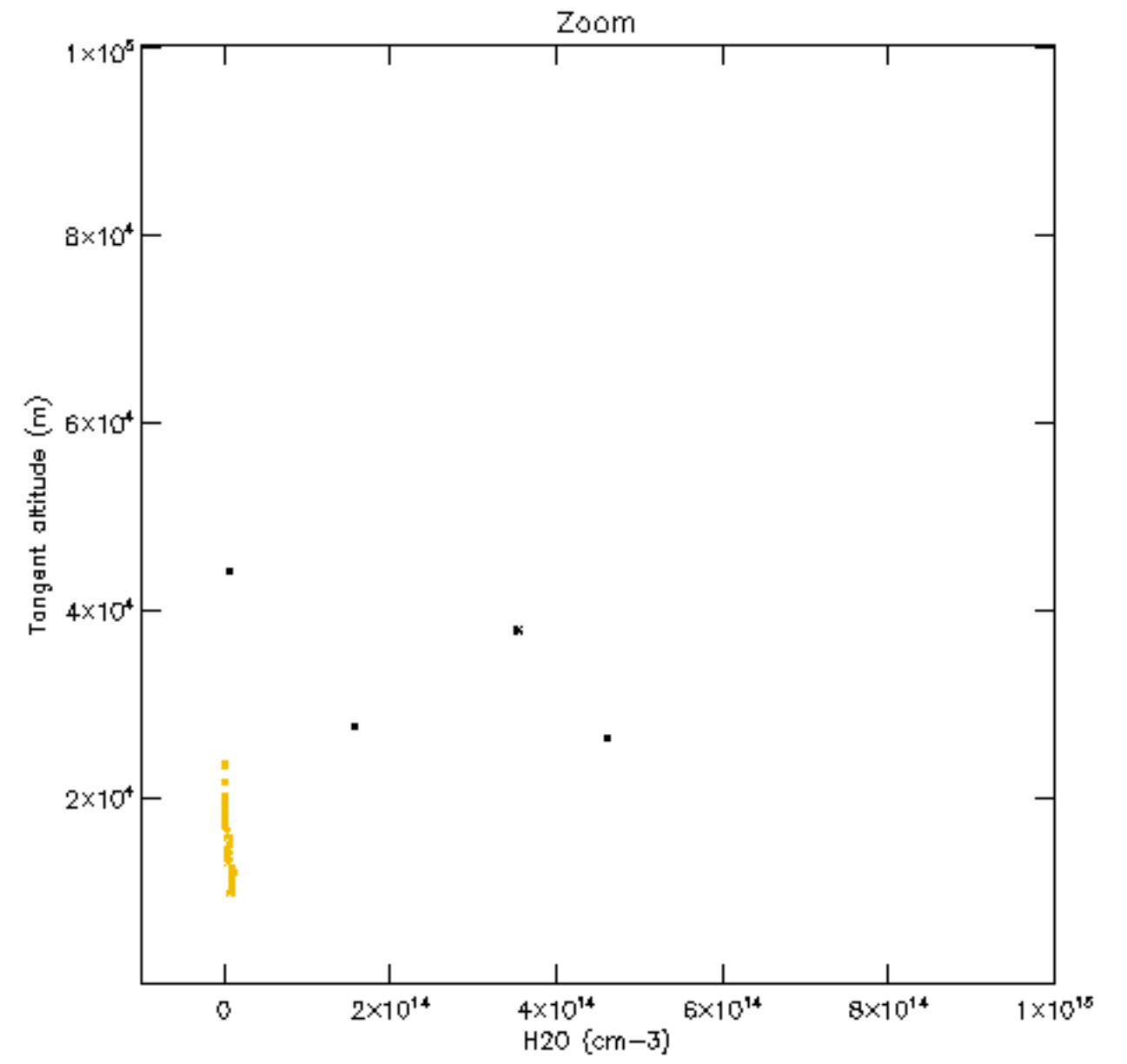
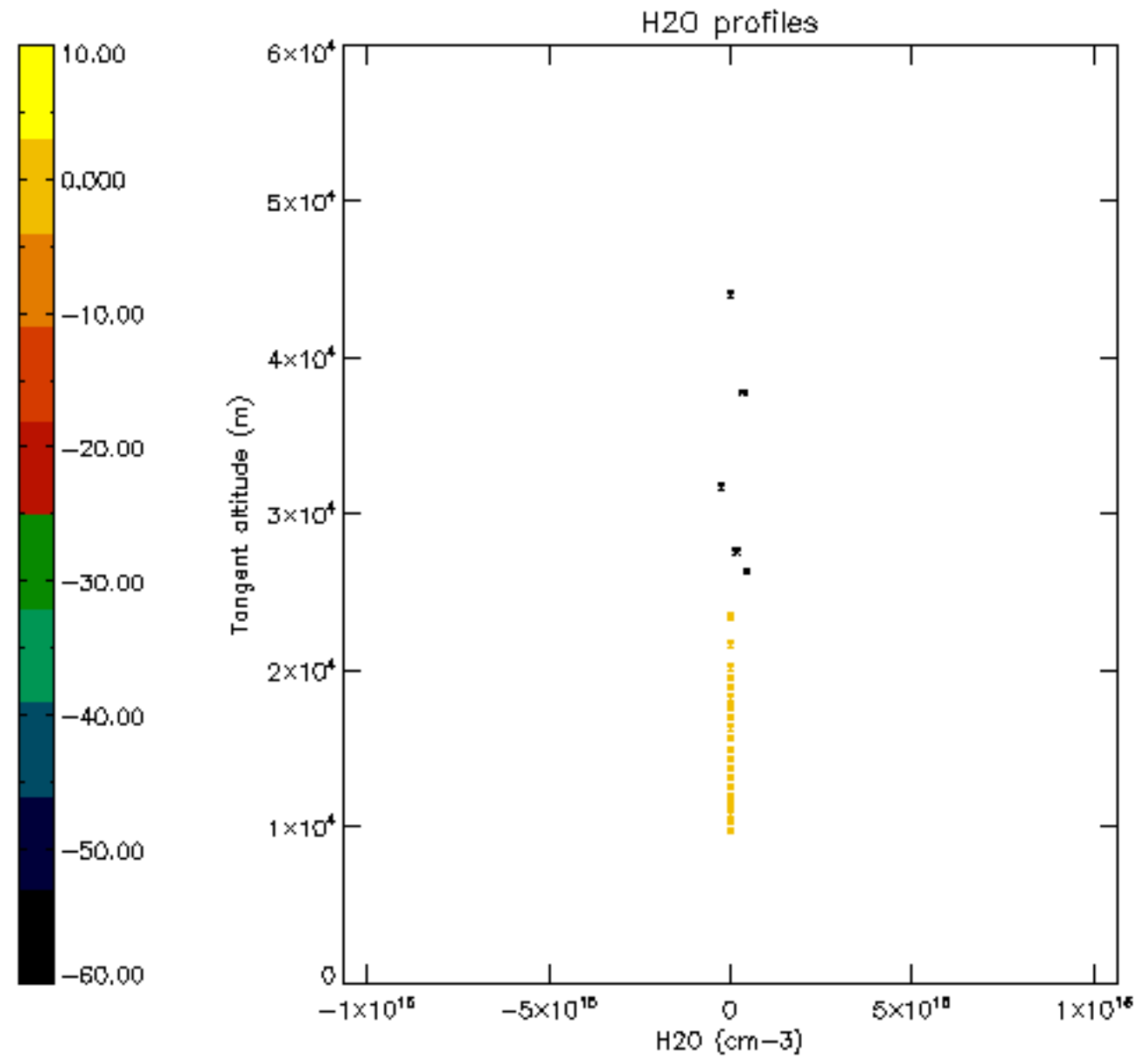


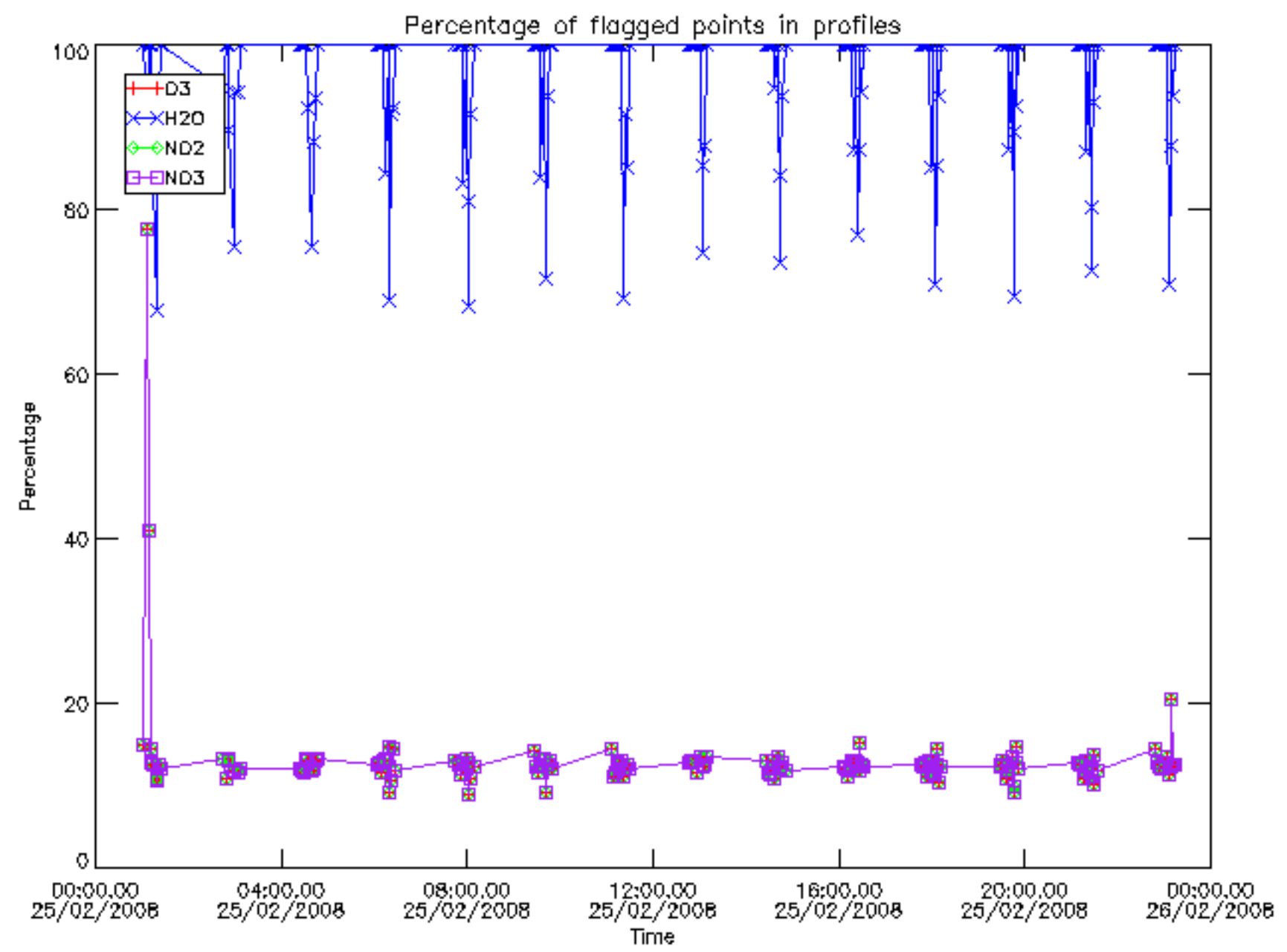




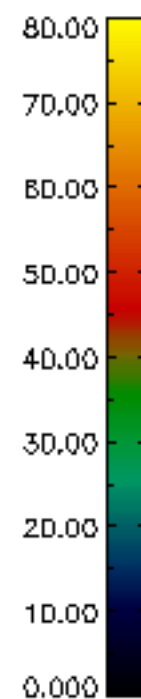
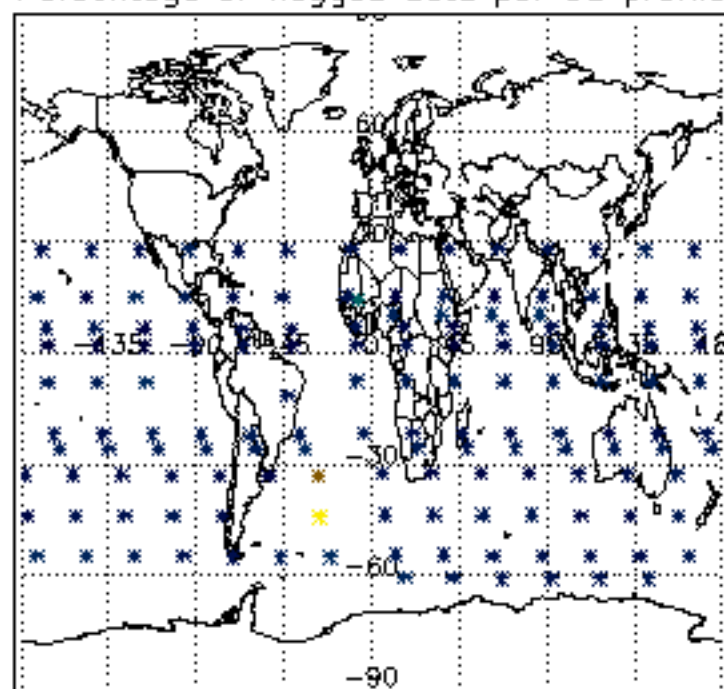




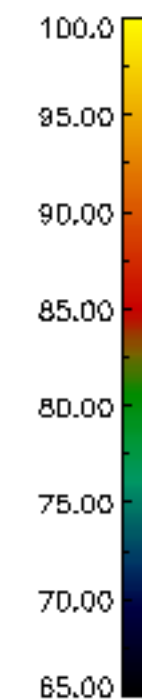
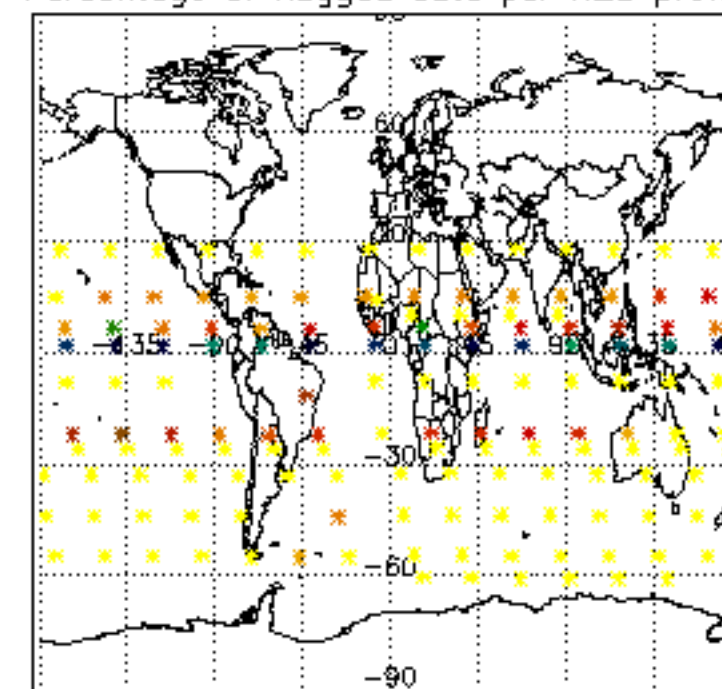




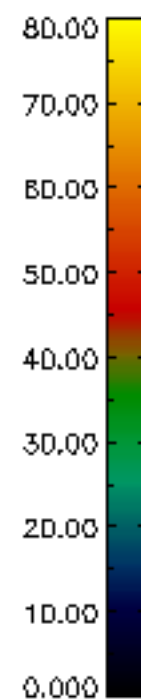
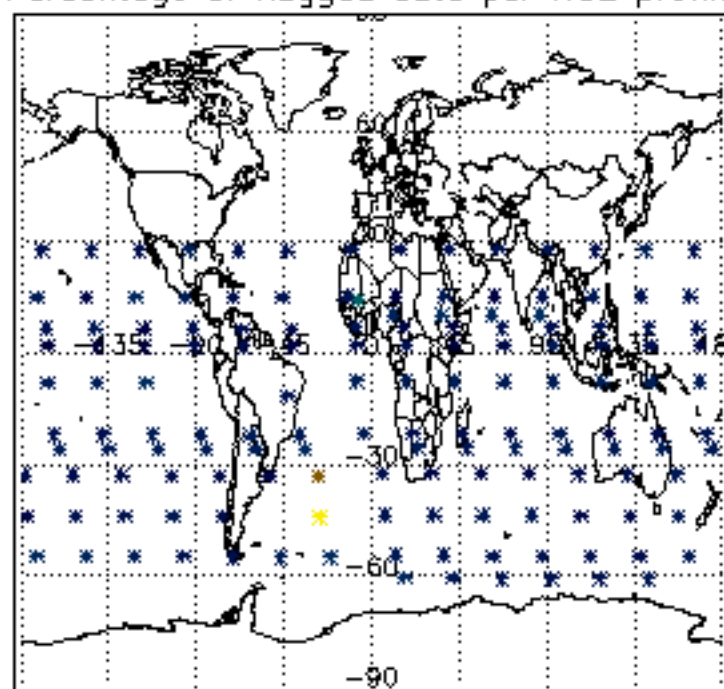
Percentage of flagged data per D3 profile



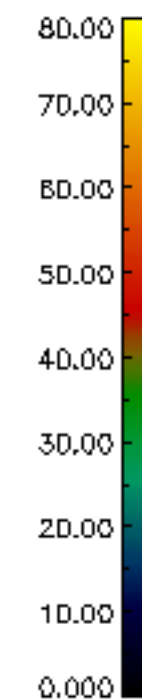
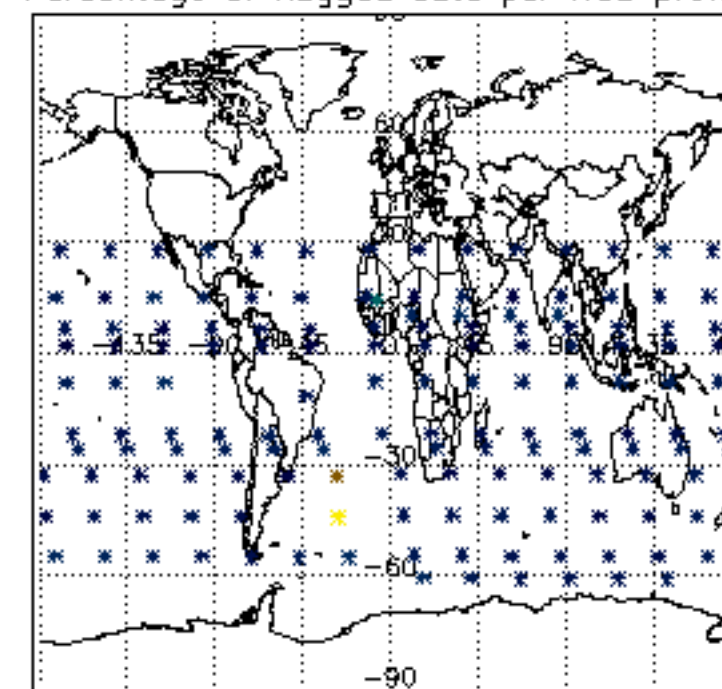
Percentage of flagged data per H2O profile

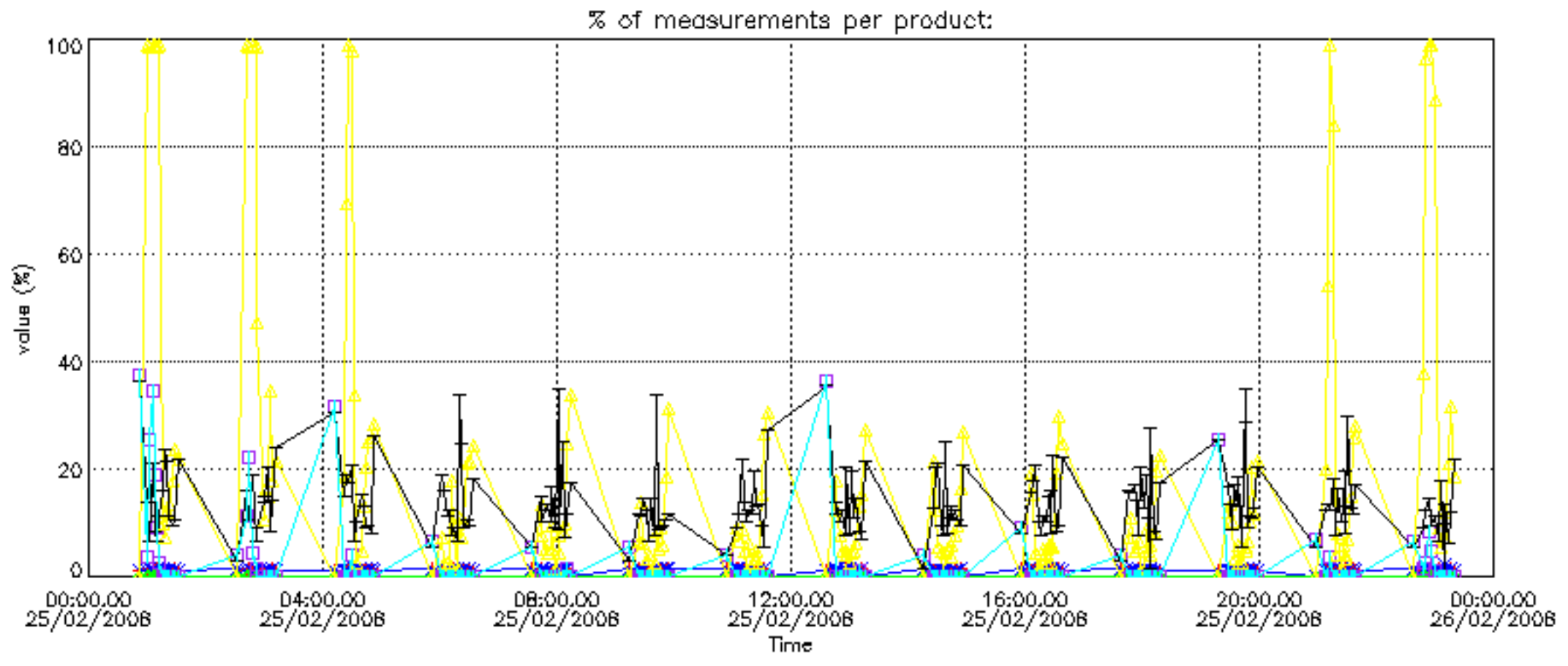


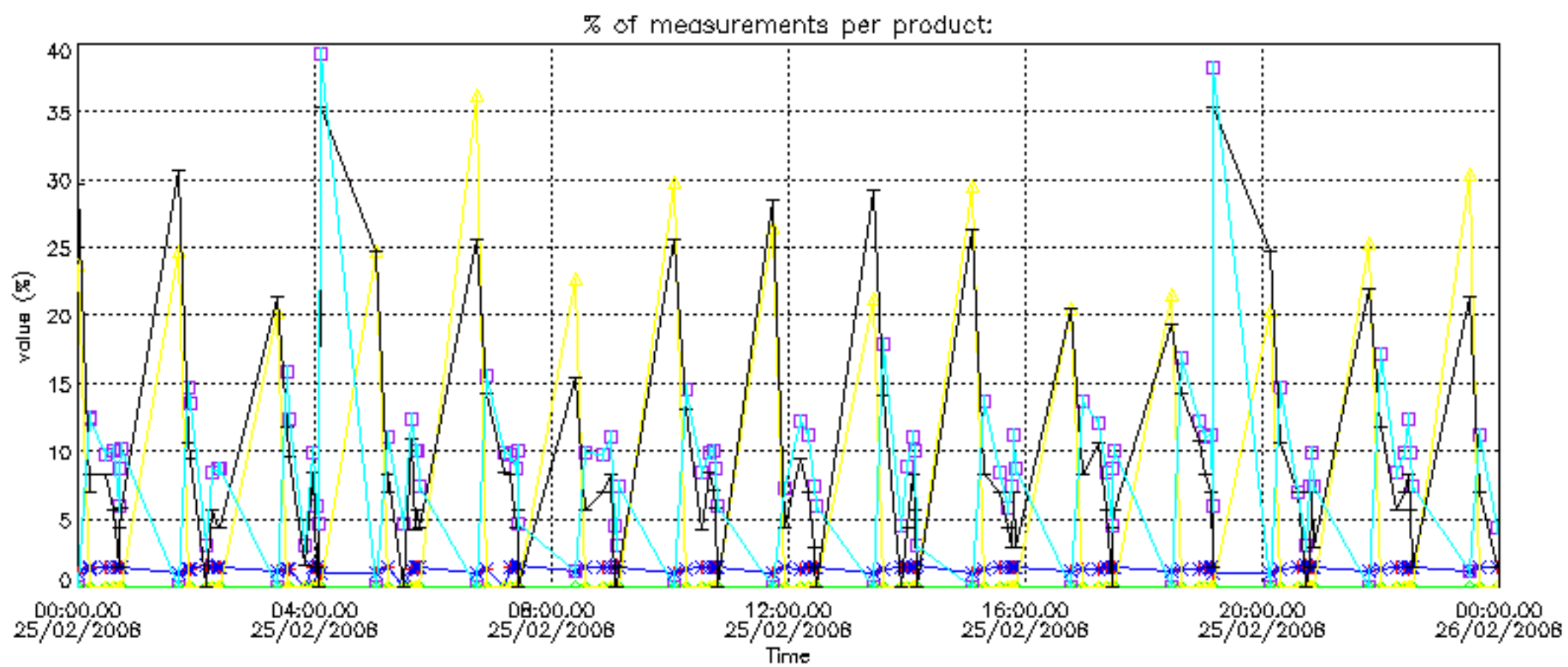
Percentage of flagged data per NO2 profile



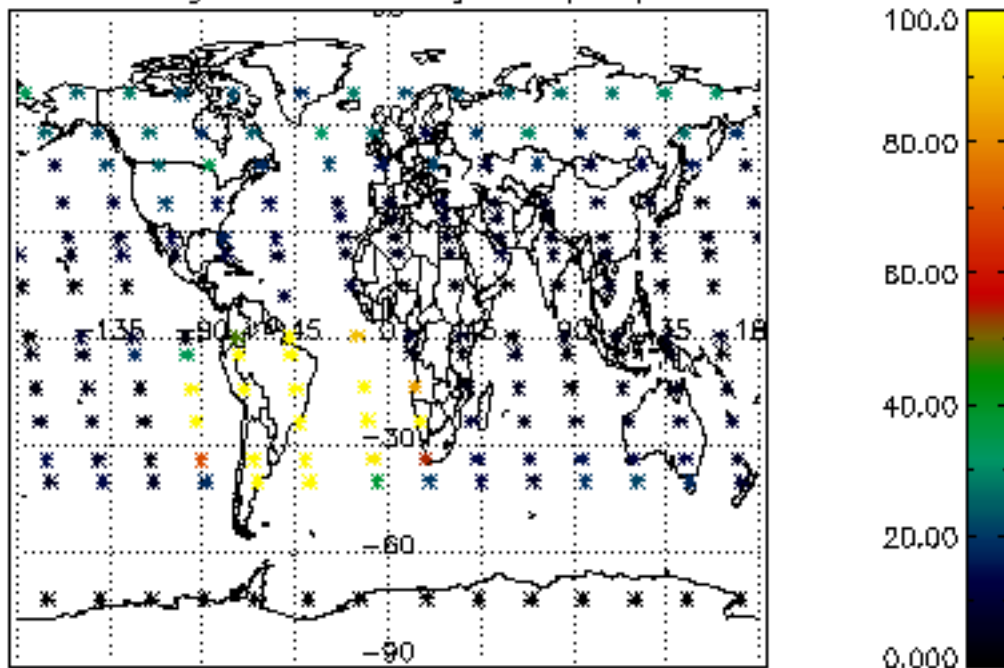
Percentage of flagged data per NO3 profile



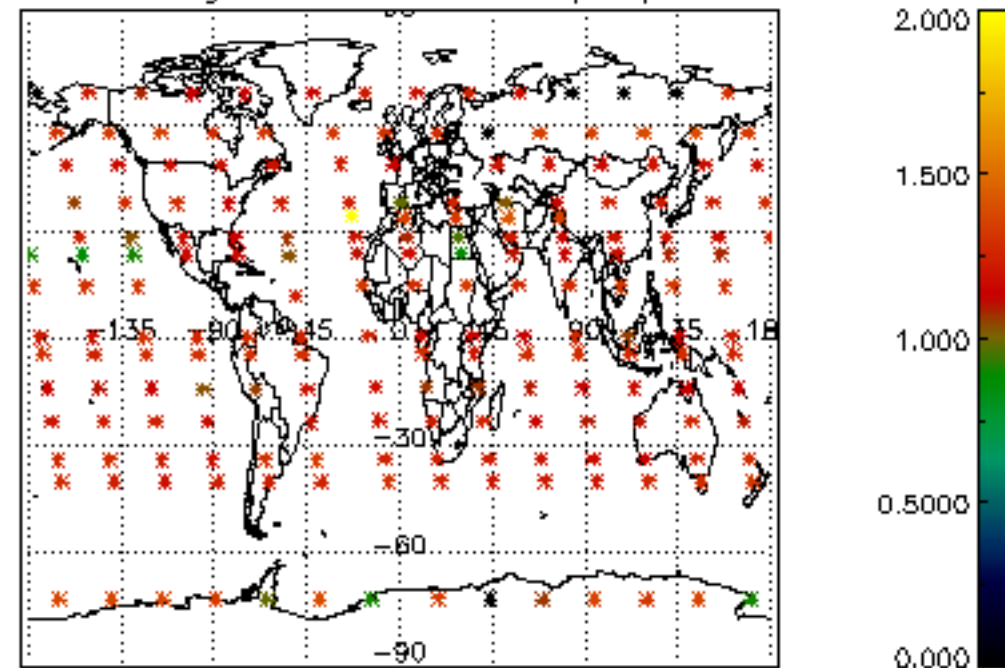




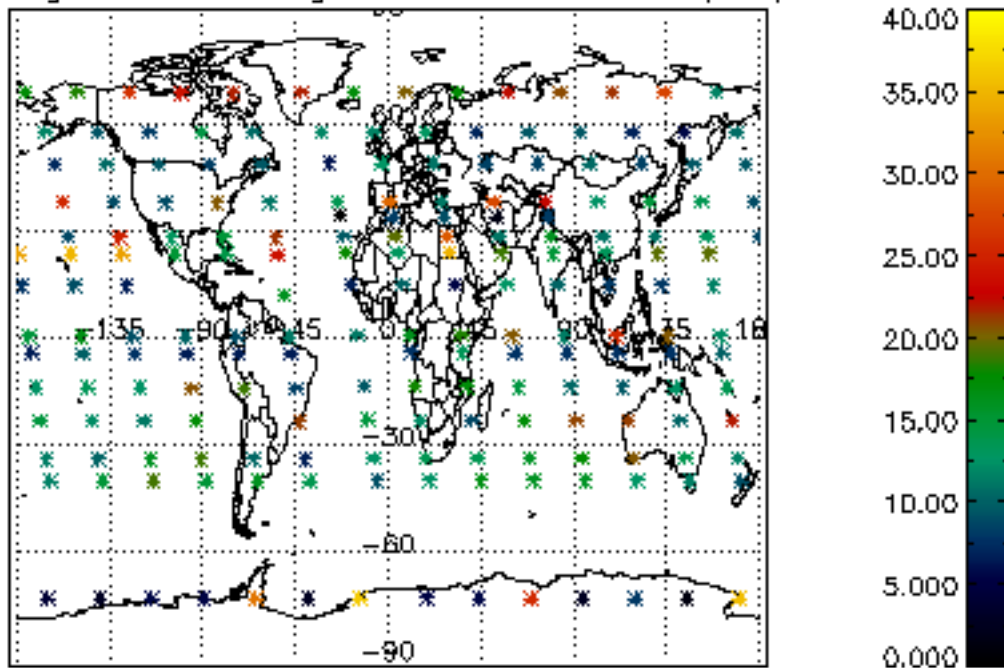
Percentage of cosmic ray hits per profile



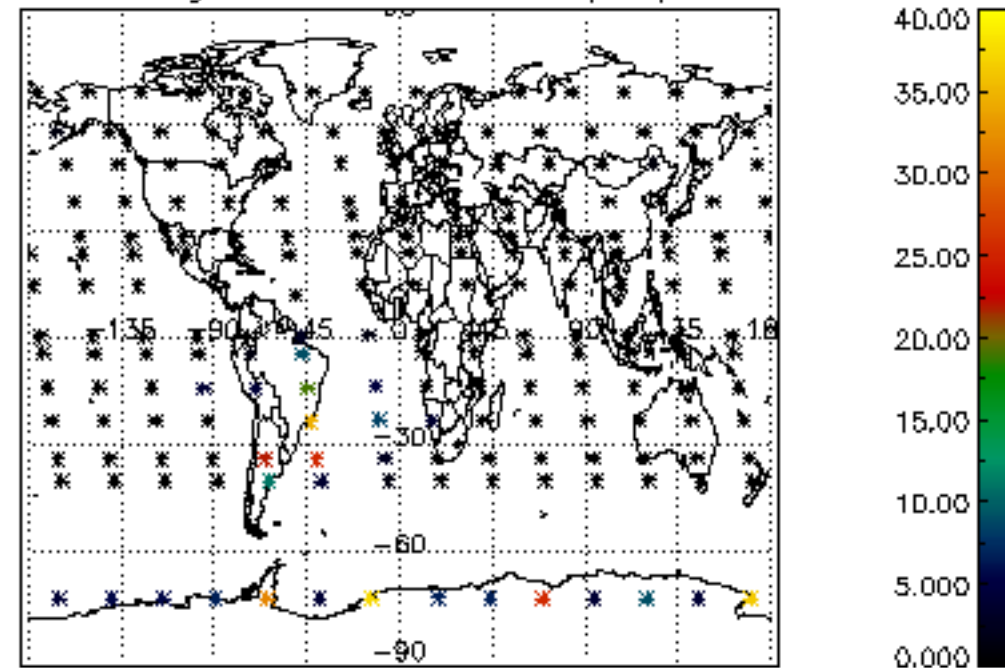
Percentage of datation errors per profile



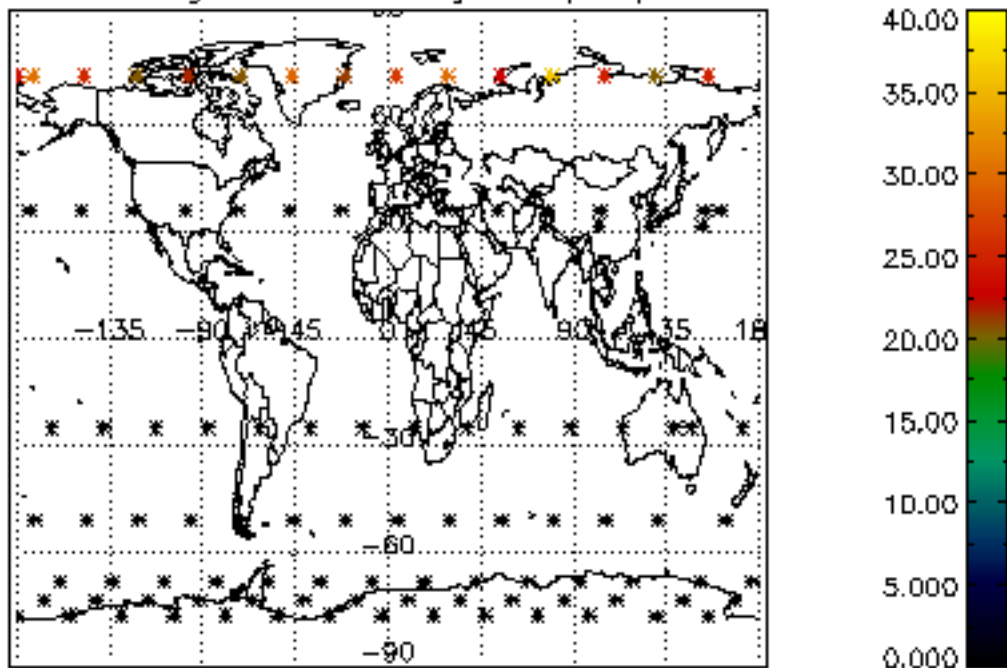
Percentage of star falling outside central band per profile



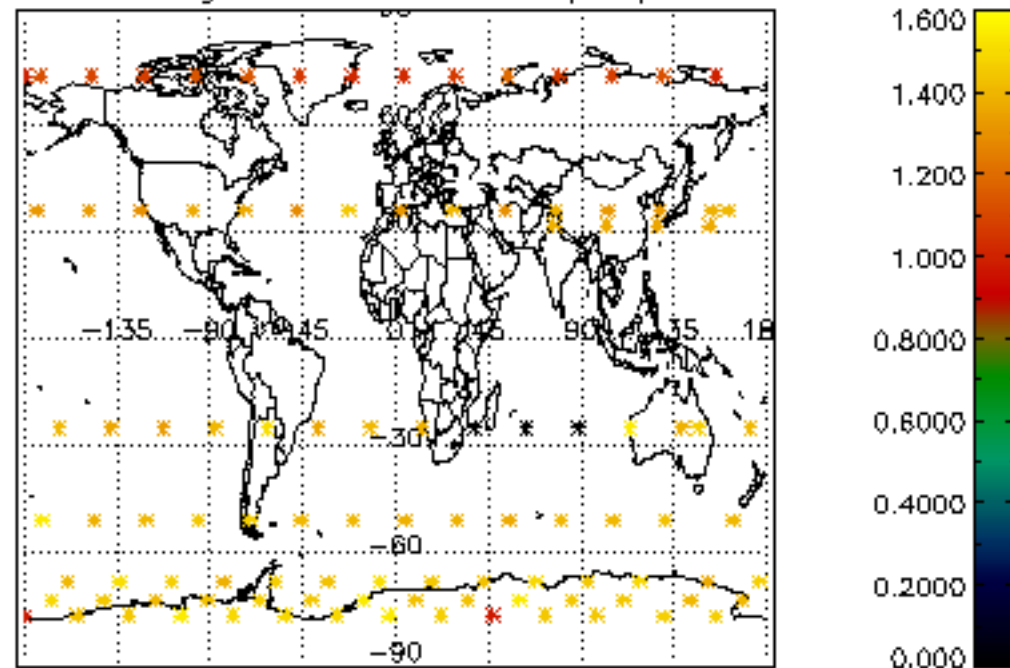
Percentage of saturation errors per profile



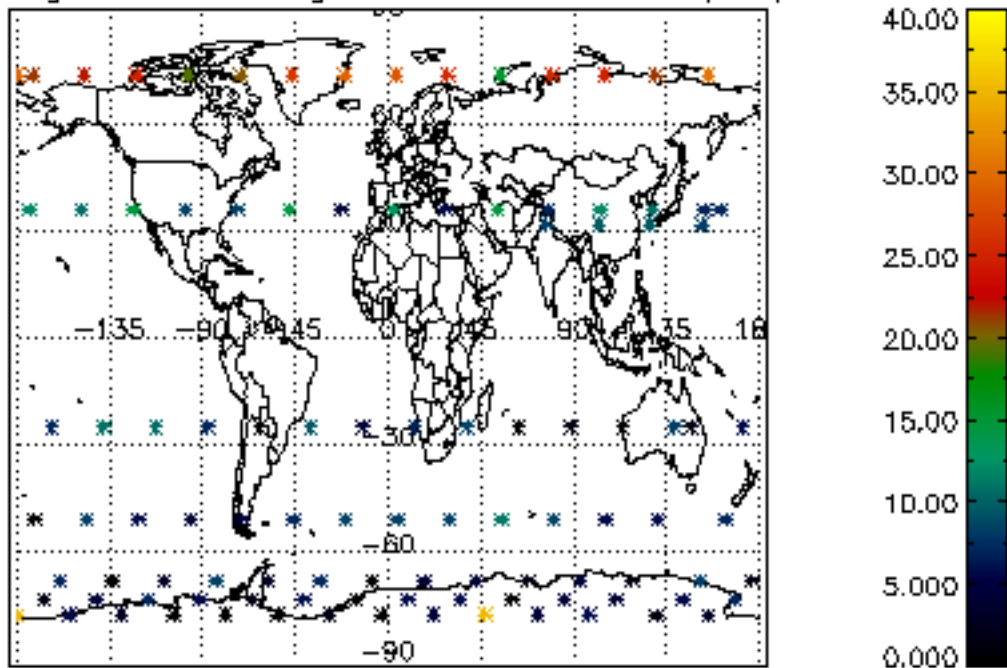
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

