

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	19APR2013 19:43:02
Data source version	GOMOS/6.01
Start time of products	04-09-2003 (04SEP2003 00:00:00)
Stop time of products	05-09-2003 (05SEP2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	420
Nb of prods with errors	12

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__2PRFIN20030904_000044_000000392019_00331_07900_9078.N1	04-SEP-2003 00:00:44	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	7900	No
2	GOM_NL__2PRFIN20030904_000156_000000412019_00331_07900_9079.N1	04-SEP-2003 00:01:56	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	7900	No
3	GOM_NL__2PRFIN20030904_000652_000000352019_00331_07900_9080.N1	04-SEP-2003 00:06:52	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	7900	No
4	GOM_NL__2PRFIN20030904_000921_000000422019_00331_07900_9081.N1	04-SEP-2003 00:09:21	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	7900	No
5	GOM_NL__2PRFIN20030904_001126_000000462019_00331_07900_9082.N1	04-SEP-2003 00:11:26	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	7900	No
6	GOM_NL__2PRFIN20030904_001432_000000402019_00331_07900_9083.N1	04-SEP-2003 00:14:32	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	7900	No
7	GOM_NL__2PRFIN20030904_001620_000000882019_00331_07900_9084.N1	04-SEP-2003 00:16:20	Bright	88.000	73	57Gam1And	2.2600	13100.	176	7900	No
8	GOM_NL__2PRFIN20030904_002107_000000402019_00331_07900_9085.N1	04-SEP-2003 00:21:07	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	7900	No
9	GOM_NL__2PRFIN20030904_002230_000000382019_00331_07900_9086.N1	04-SEP-2003 00:22:30	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	7900	No
10	GOM_NL__2PRFIN20030904_002626_000000592019_00331_07900_9087.N1	04-SEP-2003 00:26:26	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	7900	No
11	GOM_NL__2PRFIN20030904_003019_000000482019_00331_07900_9088.N1	04-SEP-2003 00:30:19	Bright	48.000	107	37The Aur	2.6490	11000.	96	7900	No
12	GOM_NL__2PRFIN20030904_003240_000000422019_00331_07900_9089.N1	04-SEP-2003 00:32:40	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	7900	No
13	GOM_NL__2PRFIN20030904_003419_000000742019_00331_07900_9090.N1	04-SEP-2003 00:34:19	Twilight	74.000	28	12Bet Tau	1.6500	15200.	148	7900	No
14	GOM_NL__2PRFIN20030904_003727_000000582019_00331_07900_9091.N1	04-SEP-2003 00:37:27	Twilight	57.500	44	24Gam Gem	1.9280	11000.	115	7900	No
15	GOM_NL__2PRFIN20030904_003925_000000442019_00331_07900_9092.N1	04-SEP-2003 00:39:25	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	7900	No
16	GOM_NL__2PRFIN20030904_004220_000000832019_00331_07900_9093.N1	04-SEP-2003 00:42:20	Dark	83.000	14	58Alp Ori	0.87000	3000.0	166	7900	No
17	GOM_NL__2PRFIN20030904_004714_000000592019_00331_07900_9094.N1	04-SEP-2003 00:47:14	Dark	58.500	1	9Alp CMa	-1.4400	11000.	117	7900	No
18	GOM_NL__2PRFIN20030904_005118_000000422019_00331_07900_9095.N1	04-SEP-2003 00:51:18	Dark	42.000	70	Zet Pup	2.2460	39000.	84	7900	No
19	GOM_NL__2PRFIN20030904_005312_000000442019_00331_07900_9096.N1	04-SEP-2003 00:53:12	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	7900	No
20	GOM_NL__2PRFIN20030904_005639_000000492019_00331_07900_9097.N1	04-SEP-2003 00:56:39	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	7900	No
21	GOM_NL__2PRFIN20030904_010654_000000412019_00332_07901_9070.N1	04-SEP-2003 01:06:54	Dark	40.500	135	Bet Hyi	2.8200	5800.0	81	7901	No
22	GOM_NL__2PRFIN20030904_010820_000000472019_00332_07901_9071.N1	04-SEP-2003 01:08:20	Dark	46.500	9	Alp Eri	0.45300	24000.	93	7901	No
23	GOM_NL__2PRFIN20030904_011228_000000412019_00332_07901_9072.N1	04-SEP-2003 01:12:28	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	7901	No
24	GOM_NL__2PRFIN20030904_011418_000000502019_00332_07901_9073.N1	04-SEP-2003 01:14:18	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	7901	No
25	GOM_NL__2PRFIN20030904_011609_000000412019_00332_07901_9074.N1	04-SEP-2003 01:16:09	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	7901	No
26	GOM_NL__2PRFIN20030904_012013_000000522019_00332_07901_9075.N1	04-SEP-2003 01:20:13	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	7901	No
27	GOM_NL__2PRFIN20030904_012437_000000522019_00332_07901_9076.N1	04-SEP-2003 01:24:37	Dark	51.500	1014	Mars	0.0000	0.0000	103	7901	Yes
28	GOM_NL__2PRFIN20030904_012806_000000402019_00332_07901_9077.N1	04-SEP-2003 01:28:06	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	7901	No
29	GOM_NL__2PRFIN20030904_012930_000000412019_00332_07901_9078.N1	04-SEP-2003 01:29:30	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	7901	No
30	GOM_NL__2PRFIN20030904_013229_000000412019_00332_07901_9079.N1	04-SEP-2003 01:32:29	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	7901	No
31	GOM_NL__2PRFIN20030904_013507_000000472019_00332_07901_9080.N1	04-SEP-2003 01:35:07	Bright	47.000	90	54Alp Peg	2.4870	11000.	94	7901	No
32	GOM_NL__2PRFIN20030904_013924_000000402019_00332_07901_9081.N1	04-SEP-2003 01:39:24	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	7901	No
33	GOM_NL__2PRFIN20030904_014120_000000392019_00332_07901_9082.N1	04-SEP-2003 01:41:20	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	7901	No
34	GOM_NL__2PRFIN20030904_014235_000000382019_00332_07901_9083.N1	04-SEP-2003 01:42:35	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	7901	No
35	GOM_NL__2PRFIN20030904_014728_000000382019_00332_07901_9084.N1	04-SEP-2003 01:47:28	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	7901	No
36	GOM_NL__2PRFIN20030904_014956_000000442019_00332_07901_9085.N1	04-SEP-2003 01:49:56	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	7901	No
37	GOM_NL__2PRFIN20030904_015201_000000462019_00332_07901_9086.N1	04-SEP-2003 01:52:01	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	7901	No
38	GOM_NL__2PRFIN20030904_015508_000000372019_00332_07901_9087.N1	04-SEP-2003 01:55:08	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	7901	No
39	GOM_NL__2PRFIN20030904_015654_000000922019_00332_07901_9088.N1	04-SEP-2003 01:56:54	Bright	92.000	73	57Gam1And	2.2600	13100.	184	7901	No
40	GOM_NL__2PRFIN20030904_020141_000000422019_00332_07901_9089.N1	04-SEP-2003 02:01:41	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	7901	No
41	GOM_NL__2PRFIN20030904_020306_000000382019_00332_07901_9090.N1	04-SEP-2003 02:03:06	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	7901	No
42	GOM_NL__2PRFIN20030904_020702_000000682019_00332_07901_9091.N1	04-SEP-2003 02:07:02	Bright	68.000	6	13Alp Aur	0.080000	3400.0	136	7901	No

43	GOM_NL__2PRFIN20030904_021055_000000502019_00332_07901_9092.N1	04-SEP-2003 02:10:55	Bright	50.000	107	37The Aur	2.6490	11000.	100	7901	No
44	GOM_NL__2PRFIN20030904_021316_000000422019_00332_07901_9093.N1	04-SEP-2003 02:13:16	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	7901	No
45	GOM_NL__2PRFIN20030904_021456_000000732019_00332_07901_9094.N1	04-SEP-2003 02:14:56	Twilight	73.000	28	12Bet Tau	1.6500	15200.	146	7901	No
46	GOM_NL__2PRFIN20030904_021803_000000522019_00332_07901_9095.N1	04-SEP-2003 02:18:03	Twilight	52.000	44	24Gam Gem	1.9280	11000.	104	7901	No
47	GOM_NL__2PRFIN20030904_022002_000000462019_00332_07901_9096.N1	04-SEP-2003 02:20:02	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	7901	No
48	GOM_NL__2PRFIN20030904_022257_000000802019_00332_07901_9097.N1	04-SEP-2003 02:22:57	Dark	80.000	14	58Alp Ori	0.87000	3000.0	160	7901	No
49	GOM_NL__2PRFIN20030904_022752_000000572019_00332_07901_9098.N1	04-SEP-2003 02:27:52	Dark	56.500	1	9Alp CMa	-1.4400	11000.	113	7901	No
50	GOM_NL__2PRFIN20030904_022935_000000482019_00332_07901_9099.N1	04-SEP-2003 02:29:35	Dark	48.000	37	25Del CMa	1.8300	5900.0	96	7901	No
51	GOM_NL__2PRFIN20030904_023153_000000422019_00332_07901_9100.N1	04-SEP-2003 02:31:53	Dark	41.500	70	Zet Pup	2.2460	39000.	83	7901	No
52	GOM_NL__2PRFIN20030904_023348_000000392019_00332_07901_9101.N1	04-SEP-2003 02:33:48	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	7901	No
53	GOM_NL__2PRFIN20030904_023716_000000542019_00332_07901_9102.N1	04-SEP-2003 02:37:16	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7901	No
54	GOM_NL__2PRFIN20030904_024730_000000392019_00333_07902_9071.N1	04-SEP-2003 02:47:30	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	7902	No
55	GOM_NL__2PRFIN20030904_024857_000000482019_00333_07902_9072.N1	04-SEP-2003 02:48:57	Dark	48.000	9	Alp Eri	0.45300	24000.	96	7902	No
56	GOM_NL__2PRFIN20030904_025304_000000422019_00333_07902_9073.N1	04-SEP-2003 02:53:04	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	7902	No
57	GOM_NL__2PRFIN20030904_025454_000000502019_00333_07902_9074.N1	04-SEP-2003 02:54:54	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	7902	No
58	GOM_NL__2PRFIN20030904_025645_000000432019_00333_07902_9075.N1	04-SEP-2003 02:56:45	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	7902	No
59	GOM_NL__2PRFIN20030904_030050_000000502019_00333_07902_9076.N1	04-SEP-2003 03:00:50	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	7902	No
60	GOM_NL__2PRFIN20030904_030513_000000562019_00333_07902_9077.N1	04-SEP-2003 03:05:13	Dark	56.000	1014	Mars	0.0000	0.0000	112	7902	Yes
61	GOM_NL__2PRFIN20030904_030842_000000392019_00333_07902_9078.N1	04-SEP-2003 03:08:42	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	7902	No
62	GOM_NL__2PRFIN20030904_031005_000000412019_00333_07902_9079.N1	04-SEP-2003 03:10:05	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	7902	No
63	GOM_NL__2PRFIN20030904_031304_000000412019_00333_07902_9080.N1	04-SEP-2003 03:13:04	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	7902	No
64	GOM_NL__2PRFIN20030904_031542_000000472019_00333_07902_9081.N1	04-SEP-2003 03:15:42	Bright	46.500	90	54Alp Peg	2.4870	11000.	93	7902	No
65	GOM_NL__2PRFIN20030904_032000_000000402019_00333_07902_9082.N1	04-SEP-2003 03:20:00	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	7902	No
66	GOM_NL__2PRFIN20030904_032156_000000412019_00333_07902_9083.N1	04-SEP-2003 03:21:56	Bright	41.000	66	37Gam Cyg	2.2080	5900.0	82	7902	No
67	GOM_NL__2PRFIN20030904_032311_000000392019_00333_07902_9084.N1	04-SEP-2003 03:23:11	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	7902	No
68	GOM_NL__2PRFIN20030904_032803_000000382019_00333_07902_9085.N1	04-SEP-2003 03:28:03	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	7902	No
69	GOM_NL__2PRFIN20030904_033031_000000412019_00333_07902_9086.N1	04-SEP-2003 03:30:31	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	7902	No
70	GOM_NL__2PRFIN20030904_033236_000000472019_00333_07902_9087.N1	04-SEP-2003 03:32:36	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	7902	No
71	GOM_NL__2PRFIN20030904_033544_000000392019_00333_07902_9088.N1	04-SEP-2003 03:35:44	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	7902	No
72	GOM_NL__2PRFIN20030904_033728_000000882019_00333_07902_9089.N1	04-SEP-2003 03:37:28	Bright	87.500	73	57Gam1And	2.2600	13100.	175	7902	No
73	GOM_NL__2PRFIN20030904_034220_000000392019_00333_07902_9090.N1	04-SEP-2003 03:42:20	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	7902	No
74	GOM_NL__2PRFIN20030904_034343_000000532019_00333_07902_9091.N1	04-SEP-2003 03:43:43	Bright	53.000	82	48Bet UMa	2.3650	10600.	106	7902	No
75	GOM_NL__2PRFIN20030904_034737_000000632019_00333_07902_9092.N1	04-SEP-2003 03:47:37	Bright	62.500	6	13Alp Aur	0.080000	3400.0	125	7902	No
76	GOM_NL__2PRFIN20030904_035131_000000512019_00333_07902_9093.N1	04-SEP-2003 03:51:31	Bright	50.500	107	37The Aur	2.6490	11000.	101	7902	No
77	GOM_NL__2PRFIN20030904_035353_000000422019_00333_07902_9094.N1	04-SEP-2003 03:53:53	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	7902	No
78	GOM_NL__2PRFIN20030904_035532_000000702019_00333_07902_9095.N1	04-SEP-2003 03:55:32	Twilight	69.500	28	12Bet Tau	1.6500	15200.	139	7902	No
79	GOM_NL__2PRFIN20030904_035840_000000532019_00333_07902_9096.N1	04-SEP-2003 03:58:40	Twilight	52.500	44	24Gam Gem	1.9280	11000.	105	7902	No
80	GOM_NL__2PRFIN20030904_040038_000000442019_00333_07902_9097.N1	04-SEP-2003 04:00:38	Twilight	43.500	8	10Alp CMi	0.40000	6500.0	87	7902	No
81	GOM_NL__2PRFIN20030904_040334_000000812019_00333_07902_9098.N1	04-SEP-2003 04:03:34	Dark	80.500	14	58Alp Ori	0.87000	3000.0	161	7902	No
82	GOM_NL__2PRFIN20030904_040830_000000532019_00333_07902_9099.N1	04-SEP-2003 04:08:30	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	7902	No
83	GOM_NL__2PRFIN20030904_041012_000000482019_00333_07902_9100.N1	04-SEP-2003 04:10:12	Dark	47.500	37	25Del CMa	1.8300	5900.0	95	7902	No
84	GOM_NL__2PRFIN20030904_041231_000000422019_00333_07902_9101.N1	04-SEP-2003 04:12:31	Dark	41.500	70	Zet Pup	2.2460	39000.	83	7902	No
85	GOM_NL__2PRFIN20030904_041424_000000442019_00333_07902_9102.N1	04-SEP-2003 04:14:24	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	7902	No
86	GOM_NL__2PRFIN20030904_041753_000000512019_00333_07902_9103.N1	04-SEP-2003 04:17:53	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	7902	No
87	GOM_NL__2PRFIN20030904_042806_000000382019_00334_07903_9073.N1	04-SEP-2003 04:28:06	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	7903	No
88	GOM_NL__2PRFIN20030904_042934_000000472019_00334_07903_9074.N1	04-SEP-2003 04:29:34	Dark	46.500	9	Alp Eri	0.45300	24000.	93	7903	No
89	GOM_NL__2PRFIN20030904_043341_000000402019_00334_07903_9075.N1	04-SEP-2003 04:33:41	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	7903	No
90	GOM_NL__2PRFIN20030904_043531_000000502019_00334_07903_9076.N1	04-SEP-2003 04:35:31	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	7903	No
91	GOM_NL__2PRFIN20030904_043721_000000422019_00334_07903_9077.N1	04-SEP-2003 04:37:21	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	7903	No
92	GOM_NL__2PRFIN20030904_044127_000000462019_00334_07903_9078.N1	04-SEP-2003 04:41:27	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	7903	No
93	GOM_NL__2PRFIN20030904_044549_000000512019_00334_07903_9079.N1	04-SEP-2003 04:45:49	Dark	50.500	1014	Mars	0.0000	0.0000	101	7903	Yes
94	GOM_NL__2PRFIN20030904_044918_000000402019_00334_07903_9080.N1	04-SEP-2003 04:49:18	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	7903	No
95	GOM_NL__2PRFIN20030904_045041_000000422019_00334_07903_9081.N1	04-SEP-2003 04:50:41	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	7903	No
96	GOM_NL__2PRFIN20030904_045341_000000412019_00334_07903_9082.N1	04-SEP-2003 04:53:41	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	7903	No
97	GOM_NL__2PRFIN20030904_045618_000000482019_00334_07903_9083.N1	04-SEP-2003 04:56:18	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	7903	No
98	GOM_NL__2PRFIN20030904_050036_000000402019_00334_07903_9084.N1	04-SEP-2003 05:00:36	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	7903	No
99	GOM_NL__2PRFIN20030904_050232_000000392019_00334_07903_9085.N1	04-SEP-2003 05:02:32	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	7903	No
100	GOM_NL__2PRFIN20030904_050347_000000402019_00334_07903_9086.N1	04-SEP-2003 05:03:47	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	7903	No
101	GOM_NL__2PRFIN20030904_050840_000000382019_00334_07903_9087.N1	04-SEP-2003 05:08:40	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	7903	No

102	GOM_NL__2PRFIN20030904_051107_000000442019_00334_07903_9088.N1	04-SEP-2003 05:11:07	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	7903	No
103	GOM_NL__2PRFIN20030904_051312_000000472019_00334_07903_9089.N1	04-SEP-2003 05:13:12	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	7903	No
104	GOM_NL__2PRFIN20030904_051621_000000362019_00334_07903_9090.N1	04-SEP-2003 05:16:21	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	7903	No
105	GOM_NL__2PRFIN20030904_051803_000000892019_00334_07903_9091.N1	04-SEP-2003 05:18:03	Bright	89.000	73	57Gam1And	2.2600	13100.	178	7903	No
106	GOM_NL__2PRFIN20030904_052257_000000382019_00334_07903_9092.N1	04-SEP-2003 05:22:57	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	7903	No
107	GOM_NL__2PRFIN20030904_052419_000000372019_00334_07903_9093.N1	04-SEP-2003 05:24:19	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	7903	No
108	GOM_NL__2PRFIN20030904_052813_000000632019_00334_07903_9094.N1	04-SEP-2003 05:28:13	Bright	63.000	6	13Alp Aur	0.080000	3400.0	126	7903	No
109	GOM_NL__2PRFIN20030904_053207_000000512019_00334_07903_9095.N1	04-SEP-2003 05:32:07	Bright	50.500	107	37The Aur	2.6490	11000.	101	7903	No
110	GOM_NL__2PRFIN20030904_053429_000000422019_00334_07903_9096.N1	04-SEP-2003 05:34:29	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	7903	No
111	GOM_NL__2PRFIN20030904_053608_000000742019_00334_07903_9097.N1	04-SEP-2003 05:36:08	Twilight	73.500	28	12Bet Tau	1.6500	15200.	147	7903	No
112	GOM_NL__2PRFIN20030904_053916_000000562019_00334_07903_9098.N1	04-SEP-2003 05:39:16	Twilight	55.500	44	24Gam Gem	1.9280	11000.	111	7903	No
113	GOM_NL__2PRFIN20030904_054115_000000452019_00334_07903_9099.N1	04-SEP-2003 05:41:15	Twilight	44.500	8	10Alp CMi	0.40000	6500.0	89	7903	No
114	GOM_NL__2PRFIN20030904_054411_000000732019_00334_07903_9100.N1	04-SEP-2003 05:44:11	Dark	73.000	14	58Alp Ori	0.87000	3000.0	146	7903	No
115	GOM_NL__2PRFIN20030904_054907_000000552019_00334_07903_9101.N1	04-SEP-2003 05:49:07	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	7903	No
116	GOM_NL__2PRFIN20030904_055049_000000472019_00334_07903_9102.N1	04-SEP-2003 05:50:49	Dark	46.500	37	25Del CMa	1.8300	5900.0	93	7903	No
117	GOM_NL__2PRFIN20030904_055307_000000402019_00334_07903_9103.N1	04-SEP-2003 05:53:07	Dark	40.000	70	Zet Pup	2.2460	39000.	80	7903	No
118	GOM_NL__2PRFIN20030904_055501_000000412019_00334_07903_9104.N1	04-SEP-2003 05:55:01	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	7903	No
119	GOM_NL__2PRFIN20030904_055830_000000542019_00334_07903_9105.N1	04-SEP-2003 05:58:30	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7903	No
120	GOM_NL__2PRFIN20030904_060842_000000402019_00335_07904_9074.N1	04-SEP-2003 06:08:42	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	7904	No
121	GOM_NL__2PRFIN20030904_061010_000000482019_00335_07904_9075.N1	04-SEP-2003 06:10:10	Dark	47.500	9	Alp Eri	0.45300	24000.	95	7904	No
122	GOM_NL__2PRFIN20030904_061417_000000402019_00335_07904_9076.N1	04-SEP-2003 06:14:17	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	7904	No
123	GOM_NL__2PRFIN20030904_061607_000000552019_00335_07904_9077.N1	04-SEP-2003 06:16:07	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	7904	No
124	GOM_NL__2PRFIN20030904_061757_000000422019_00335_07904_9078.N1	04-SEP-2003 06:17:57	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	7904	No
125	GOM_NL__2PRFIN20030904_062203_000000502019_00335_07904_9079.N1	04-SEP-2003 06:22:03	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	7904	No
126	GOM_NL__2PRFIN20030904_062625_000000502019_00335_07904_9080.N1	04-SEP-2003 06:26:25	Dark	50.000	1014	Mars	0.0000	0.0000	100	7904	Yes
127	GOM_NL__2PRFIN20030904_062954_000000402019_00335_07904_9081.N1	04-SEP-2003 06:29:54	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	7904	No
128	GOM_NL__2PRFIN20030904_063117_000000422019_00335_07904_9082.N1	04-SEP-2003 06:31:17	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	7904	No
129	GOM_NL__2PRFIN20030904_063417_000000412019_00335_07904_9083.N1	04-SEP-2003 06:34:17	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	7904	No
130	GOM_NL__2PRFIN20030904_063654_000000472019_00335_07904_9084.N1	04-SEP-2003 06:36:54	Bright	47.000	90	54Alp Peg	2.4870	11000.	94	7904	No
131	GOM_NL__2PRFIN20030904_064113_000000392019_00335_07904_9085.N1	04-SEP-2003 06:41:13	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	7904	No
132	GOM_NL__2PRFIN20030904_064309_000000382019_00335_07904_9086.N1	04-SEP-2003 06:43:09	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	7904	No
133	GOM_NL__2PRFIN20030904_064423_000000392019_00335_07904_9087.N1	04-SEP-2003 06:44:23	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	7904	No
134	GOM_NL__2PRFIN20030904_064915_000000382019_00335_07904_9088.N1	04-SEP-2003 06:49:15	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	7904	No
135	GOM_NL__2PRFIN20030904_065142_000000432019_00335_07904_9089.N1	04-SEP-2003 06:51:42	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	7904	No
136	GOM_NL__2PRFIN20030904_065347_000000462019_00335_07904_9090.N1	04-SEP-2003 06:53:47	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	7904	No
137	GOM_NL__2PRFIN20030904_065657_000000382019_00335_07904_9091.N1	04-SEP-2003 06:56:57	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	7904	No
138	GOM_NL__2PRFIN20030904_065837_000000862019_00335_07904_9092.N1	04-SEP-2003 06:58:37	Bright	86.000	73	57Gam1And	2.2600	13100.	172	7904	No
139	GOM_NL__2PRFIN20030904_070333_000000392019_00335_07904_9093.N1	04-SEP-2003 07:03:33	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	7904	No
140	GOM_NL__2PRFIN20030904_070456_000000372019_00335_07904_9094.N1	04-SEP-2003 07:04:56	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	7904	No
141	GOM_NL__2PRFIN20030904_070849_000000602019_00335_07904_9095.N1	04-SEP-2003 07:08:49	Bright	59.500	6	13Alp Aur	0.080000	3400.0	119	7904	No
142	GOM_NL__2PRFIN20030904_071243_000000512019_00335_07904_9096.N1	04-SEP-2003 07:12:43	Bright	50.500	107	37The Aur	2.6490	11000.	101	7904	No
143	GOM_NL__2PRFIN20030904_071505_000000552019_00335_07904_9097.N1	04-SEP-2003 07:15:05	Bright	55.000	17	78Bet Gem	1.1610	4500.0	110	7904	No
144	GOM_NL__2PRFIN20030904_071645_000000762019_00335_07904_9098.N1	04-SEP-2003 07:16:45	Twilight	76.000	28	12Bet Tau	1.6500	15200.	152	7904	No
145	GOM_NL__2PRFIN20030904_071953_000000512019_00335_07904_9099.N1	04-SEP-2003 07:19:53	Twilight	50.500	44	24Gam Gem	1.9280	11000.	101	7904	No
146	GOM_NL__2PRFIN20030904_072152_000000522019_00335_07904_9100.N1	04-SEP-2003 07:21:52	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	7904	No
147	GOM_NL__2PRFIN20030904_072448_000000822019_00335_07904_9101.N1	04-SEP-2003 07:24:48	Dark	82.000	14	58Alp Ori	0.87000	3000.0	164	7904	No
148	GOM_NL__2PRFIN20030904_072944_000000552019_00335_07904_9102.N1	04-SEP-2003 07:29:44	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	7904	No
149	GOM_NL__2PRFIN20030904_073126_000000482019_00335_07904_9103.N1	04-SEP-2003 07:31:26	Dark	47.500	37	25Del CMa	1.8300	5900.0	95	7904	No
150	GOM_NL__2PRFIN20030904_073344_000000412019_00335_07904_9104.N1	04-SEP-2003 07:33:44	Dark	41.000	70	Zet Pup	2.2460	39000.	82	7904	No
151	GOM_NL__2PRFIN20030904_073537_000000422019_00335_07904_9105.N1	04-SEP-2003 07:35:37	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	7904	No
152	GOM_NL__2PRFIN20030904_073906_000000472019_00335_07904_9106.N1	04-SEP-2003 07:39:06	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	7904	No
153	GOM_NL__2PRFIN20030904_074919_000000392019_00336_07905_9076.N1	04-SEP-2003 07:49:19	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	7905	No
154	GOM_NL__2PRFIN20030904_075047_000000462019_00336_07905_9077.N1	04-SEP-2003 07:50:47	Dark	46.000	9	Alp Eri	0.45300	24000.	92	7905	No
155	GOM_NL__2PRFIN20030904_075453_000000412019_00336_07905_9078.N1	04-SEP-2003 07:54:53	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	7905	No
156	GOM_NL__2PRFIN20030904_075644_000000522019_00336_07905_9079.N1	04-SEP-2003 07:56:44	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	7905	No
157	GOM_NL__2PRFIN20030904_075833_000000402019_00336_07905_9080.N1	04-SEP-2003 07:58:33	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	7905	No
158	GOM_NL__2PRFIN20030904_080239_000000472019_00336_07905_9081.N1	04-SEP-2003 08:02:39	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	7905	No
159	GOM_NL__2PRFIN20030904_080701_000000562019_00336_07905_9082.N1	04-SEP-2003 08:07:01	Dark	55.500	1014	Mars	0.0000	0.0000	111	7905	Yes
160	GOM_NL__2PRFIN20030904_081029_000000412019_00336_07905_9083.N1	04-SEP-2003 08:10:29	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	7905	No

161	GOM_NL__2PRFIN20030904_081153_000000422019_00336_07905_9084.N1	04-SEP-2003 08:11:53	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	7905	No
162	GOM_NL__2PRFIN20030904_081452_000000412019_00336_07905_9085.N1	04-SEP-2003 08:14:52	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	7905	No
163	GOM_NL__2PRFIN20030904_081729_000000462019_00336_07905_9086.N1	04-SEP-2003 08:17:29	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	7905	No
164	GOM_NL__2PRFIN20030904_082148_000000382019_00336_07905_9087.N1	04-SEP-2003 08:21:48	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	7905	No
165	GOM_NL__2PRFIN20030904_082345_000000392019_00336_07905_9088.N1	04-SEP-2003 08:23:45	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	7905	No
166	GOM_NL__2PRFIN20030904_082459_000000382019_00336_07905_9089.N1	04-SEP-2003 08:24:59	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	7905	No
167	GOM_NL__2PRFIN20030904_082951_000000392019_00336_07905_9090.N1	04-SEP-2003 08:29:51	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7905	No
168	GOM_NL__2PRFIN20030904_083218_000000452019_00336_07905_9091.N1	04-SEP-2003 08:32:18	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	7905	No
169	GOM_NL__2PRFIN20030904_083422_000000472019_00336_07905_9092.N1	04-SEP-2003 08:34:22	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	7905	No
170	GOM_NL__2PRFIN20030904_083733_000000392019_00336_07905_9093.N1	04-SEP-2003 08:37:33	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	7905	No
171	GOM_NL__2PRFIN20030904_084128_000000592019_00336_07905_9094.N1	04-SEP-2003 08:41:28	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	7905	No
172	GOM_NL__2PRFIN20030904_084409_000000382019_00336_07905_9095.N1	04-SEP-2003 08:44:09	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	7905	No
173	GOM_NL__2PRFIN20030904_084532_000000352019_00336_07905_9096.N1	04-SEP-2003 08:45:32	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	7905	No
174	GOM_NL__2PRFIN20030904_084925_000000632019_00336_07905_9097.N1	04-SEP-2003 08:49:25	Bright	62.500	6	13Alp Aur	0.080000	3400.0	125	7905	No
175	GOM_NL__2PRFIN20030904_085319_000000482019_00336_07905_9098.N1	04-SEP-2003 08:53:19	Bright	47.500	107	37The Aur	2.6490	11000.	95	7905	No
176	GOM_NL__2PRFIN20030904_085541_000000412019_00336_07905_9099.N1	04-SEP-2003 08:55:41	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	7905	No
177	GOM_NL__2PRFIN20030904_085721_000000772019_00336_07905_9100.N1	04-SEP-2003 08:57:21	Twilight	76.500	28	12Bet Tau	1.6500	15200.	153	7905	No
178	GOM_NL__2PRFIN20030904_090029_000000552019_00336_07905_9101.N1	04-SEP-2003 09:00:29	Twilight	54.500	44	24Gam Gem	1.9280	11000.	109	7905	No
179	GOM_NL__2PRFIN20030904_090228_000000462019_00336_07905_9102.N1	04-SEP-2003 09:02:28	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	7905	No
180	GOM_NL__2PRFIN20030904_090525_000000842019_00336_07905_9103.N1	04-SEP-2003 09:05:25	Dark	84.000	14	58Alp Ori	0.87000	3000.0	168	7905	No
181	GOM_NL__2PRFIN20030904_091020_000000512019_00336_07905_9104.N1	04-SEP-2003 09:10:20	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	7905	No
182	GOM_NL__2PRFIN20030904_091142_000000482019_00336_07905_9105.N1	04-SEP-2003 09:11:42	Dark	48.000	47	2Bet CMa	1.9760	28000.	96	7905	No
183	GOM_NL__2PRFIN20030904_091420_000000392019_00336_07905_9106.N1	04-SEP-2003 09:14:20	Dark	38.500	70	Zet Pup	2.2460	39000.	77	7905	No
184	GOM_NL__2PRFIN20030904_091613_000000402019_00336_07905_9107.N1	04-SEP-2003 09:16:13	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	7905	No
185	GOM_NL__2PRFIN20030904_091943_000000502019_00336_07905_9108.N1	04-SEP-2003 09:19:43	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	7905	No
186	GOM_NL__2PRFIN20030904_092955_000000372019_00337_07906_9077.N1	04-SEP-2003 09:29:55	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	7906	No
187	GOM_NL__2PRFIN20030904_093124_000000572019_00337_07906_9078.N1	04-SEP-2003 09:31:24	Dark	56.500	9	Alp Eri	0.45300	24000.	113	7906	No
188	GOM_NL__2PRFIN20030904_093529_000000452019_00337_07906_9079.N1	04-SEP-2003 09:35:29	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	7906	No
189	GOM_NL__2PRFIN20030904_093720_000000542019_00337_07906_9080.N1	04-SEP-2003 09:37:20	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	7906	No
190	GOM_NL__2PRFIN20030904_093909_000000412019_00337_07906_9081.N1	04-SEP-2003 09:39:09	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	7906	No
191	GOM_NL__2PRFIN20030904_094316_000000492019_00337_07906_9082.N1	04-SEP-2003 09:43:16	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	7906	No
192	GOM_NL__2PRFIN20030904_094737_000000512019_00337_07906_9083.N1	04-SEP-2003 09:47:37	Dark	51.000	1014	Mars	0.0000	0.0000	102	7906	Yes
193	GOM_NL__2PRFIN20030904_095106_000000402019_00337_07906_9084.N1	04-SEP-2003 09:51:06	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	7906	No
194	GOM_NL__2PRFIN20030904_095229_000000422019_00337_07906_9085.N1	04-SEP-2003 09:52:29	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	7906	No
195	GOM_NL__2PRFIN20030904_095528_000000412019_00337_07906_9086.N1	04-SEP-2003 09:55:28	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	7906	No
196	GOM_NL__2PRFIN20030904_095805_000000472019_00337_07906_9087.N1	04-SEP-2003 09:58:05	Bright	46.500	90	54Alp Peg	2.4870	11000.	93	7906	No
197	GOM_NL__2PRFIN20030904_100225_000000382019_00337_07906_9088.N1	04-SEP-2003 10:02:25	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	7906	No
198	GOM_NL__2PRFIN20030904_100421_000000522019_00337_07906_9089.N1	04-SEP-2003 10:04:21	Bright	52.000	66	37Gam Cyg	2.2080	5900.0	104	7906	No
199	GOM_NL__2PRFIN20030904_100535_000000382019_00337_07906_9090.N1	04-SEP-2003 10:05:35	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	7906	No
200	GOM_NL__2PRFIN20030904_101027_000000372019_00337_07906_9091.N1	04-SEP-2003 10:10:27	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	7906	No
201	GOM_NL__2PRFIN20030904_101253_000000422019_00337_07906_9092.N1	04-SEP-2003 10:12:53	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	7906	No
202	GOM_NL__2PRFIN20030904_101458_000000462019_00337_07906_9093.N1	04-SEP-2003 10:14:58	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	7906	No
203	GOM_NL__2PRFIN20030904_101809_000000382019_00337_07906_9094.N1	04-SEP-2003 10:18:09	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	7906	No
204	GOM_NL__2PRFIN20030904_102203_000000592019_00337_07906_9095.N1	04-SEP-2003 10:22:03	Bright	58.500	160	23Gam Per	2.9300	4700.0	117	7906	No
205	GOM_NL__2PRFIN20030904_102446_000000352019_00337_07906_9096.N1	04-SEP-2003 10:24:46	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	7906	No
206	GOM_NL__2PRFIN20030904_102609_000000352019_00337_07906_9097.N1	04-SEP-2003 10:26:09	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	7906	No
207	GOM_NL__2PRFIN20030904_103000_000000572019_00337_07906_9098.N1	04-SEP-2003 10:30:00	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	7906	No
208	GOM_NL__2PRFIN20030904_103355_000000492019_00337_07906_9099.N1	04-SEP-2003 10:33:55	Bright	48.500	107	37The Aur	2.6490	11000.	97	7906	No
209	GOM_NL__2PRFIN20030904_103617_000000402019_00337_07906_9100.N1	04-SEP-2003 10:36:17	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	7906	No
210	GOM_NL__2PRFIN20030904_103757_000000772019_00337_07906_9101.N1	04-SEP-2003 10:37:57	Twilight	76.500	28	12Bet Tau	1.6500	15200.	153	7906	No
211	GOM_NL__2PRFIN20030904_104106_000000482019_00337_07906_9102.N1	04-SEP-2003 10:41:06	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	7906	No
212	GOM_NL__2PRFIN20030904_104304_000000432019_00337_07906_9103.N1	04-SEP-2003 10:43:04	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	7906	No
213	GOM_NL__2PRFIN20030904_104602_000000842019_00337_07906_9104.N1	04-SEP-2003 10:46:02	Dark	84.000	14	58Alp Ori	0.87000	3000.0	168	7906	No
214	GOM_NL__2PRFIN20030904_105057_000000542019_00337_07906_9105.N1	04-SEP-2003 10:50:57	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	7906	No
215	GOM_NL__2PRFIN20030904_105219_000000482019_00337_07906_9106.N1	04-SEP-2003 10:52:19	Dark	47.500	47	2Bet CMa	1.9760	28000.	95	7906	No
216	GOM_NL__2PRFIN20030904_105456_000000412019_00337_07906_9107.N1	04-SEP-2003 10:54:56	Dark	41.000	70	Zet Pup	2.2460	39000.	82	7906	No
217	GOM_NL__2PRFIN20030904_105649_000000422019_00337_07906_9108.N1	04-SEP-2003 10:56:49	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	7906	No
218	GOM_NL__2PRFIN20030904_110019_000000512019_00337_07906_9109.N1	04-SEP-2003 11:00:19	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	7906	No
219	GOM_NL__2PRFIN20030904_111031_000000392019_00338_07907_9078.N1	04-SEP-2003 11:10:31	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	7907	No

220	GOM_NL__2PRFIN20030904_111201_000000472019_00338_07907_9079.N1	04-SEP-2003 11:12:01	Dark	47.000	9	Alp Eri	0.45300	24000.	94	7907	No
221	GOM_NL__2PRFIN20030904_111606_000000392019_00338_07907_9080.N1	04-SEP-2003 11:16:06	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	7907	No
222	GOM_NL__2PRFIN20030904_111757_000000492019_00338_07907_9081.N1	04-SEP-2003 11:17:57	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	7907	No
223	GOM_NL__2PRFIN20030904_111946_000000402019_00338_07907_9082.N1	04-SEP-2003 11:19:46	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	7907	No
224	GOM_NL__2PRFIN20030904_112352_000000492019_00338_07907_9083.N1	04-SEP-2003 11:23:52	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	7907	No
225	GOM_NL__2PRFIN20030904_112814_000000492019_00338_07907_9084.N1	04-SEP-2003 11:28:14	Dark	49.000	1014	Mars	0.0000	0.0000	98	7907	Yes
226	GOM_NL__2PRFIN20030904_113143_000000372019_00338_07907_9085.N1	04-SEP-2003 11:31:43	Bright	37.000	154	22Bet Aqr	2.8990	5700.0	74	7907	No
227	GOM_NL__2PRFIN20030904_113306_000000412019_00338_07907_9086.N1	04-SEP-2003 11:33:06	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	7907	No
228	GOM_NL__2PRFIN20030904_113605_000000412019_00338_07907_9087.N1	04-SEP-2003 11:36:05	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	7907	No
229	GOM_NL__2PRFIN20030904_113840_000000462019_00338_07907_9088.N1	04-SEP-2003 11:38:40	Bright	46.000	90	54Alp Peg	2.4870	11000.	92	7907	No
230	GOM_NL__2PRFIN20030904_114302_000000402019_00338_07907_9089.N1	04-SEP-2003 11:43:02	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	7907	No
231	GOM_NL__2PRFIN20030904_114458_000000352019_00338_07907_9090.N1	04-SEP-2003 11:44:58	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	7907	No
232	GOM_NL__2PRFIN20030904_114612_000000362019_00338_07907_9091.N1	04-SEP-2003 11:46:12	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	7907	No
233	GOM_NL__2PRFIN20030904_115103_000000382019_00338_07907_9092.N1	04-SEP-2003 11:51:03	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	7907	No
234	GOM_NL__2PRFIN20030904_115328_000000452019_00338_07907_9093.N1	04-SEP-2003 11:53:28	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	7907	No
235	GOM_NL__2PRFIN20030904_115533_000000462019_00338_07907_9094.N1	04-SEP-2003 11:55:33	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	7907	No
236	GOM_NL__2PRFIN20030904_115845_000000372019_00338_07907_9095.N1	04-SEP-2003 11:58:45	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	7907	No
237	GOM_NL__2PRFIN20030904_120522_000000352019_00338_07907_9096.N1	04-SEP-2003 12:05:22	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	7907	No
238	GOM_NL__2PRFIN20030904_120645_000000472019_00338_07907_9097.N1	04-SEP-2003 12:06:45	Bright	46.500	82	48Bet UMa	2.3650	10600.	93	7907	No
239	GOM_NL__2PRFIN20030904_121036_000000602019_00338_07907_9098.N1	04-SEP-2003 12:10:36	Bright	59.500	6	13Alp Aur	0.080000	3400.0	119	7907	No
240	GOM_NL__2PRFIN20030904_121431_000000502019_00338_07907_9099.N1	04-SEP-2003 12:14:31	Bright	49.500	107	37The Aur	2.6490	11000.	99	7907	No
241	GOM_NL__2PRFIN20030904_121654_000000552019_00338_07907_9100.N1	04-SEP-2003 12:16:54	Bright	55.000	17	78Bet Gem	1.1610	4500.0	110	7907	No
242	GOM_NL__2PRFIN20030904_121833_000000742019_00338_07907_9101.N1	04-SEP-2003 12:18:33	Twilight	73.500	28	12Bet Tau	1.6500	15200.	147	7907	No
243	GOM_NL__2PRFIN20030904_122142_000000482019_00338_07907_9102.N1	04-SEP-2003 12:21:42	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	7907	No
244	GOM_NL__2PRFIN20030904_122341_000000422019_00338_07907_9103.N1	04-SEP-2003 12:23:41	Twilight	41.500	8	10Alp CMi	0.40000	6500.0	83	7907	No
245	GOM_NL__2PRFIN20030904_122639_000000722019_00338_07907_9104.N1	04-SEP-2003 12:26:39	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	7907	No
246	GOM_NL__2PRFIN20030904_123134_000000602019_00338_07907_9105.N1	04-SEP-2003 12:31:34	Dark	59.500	1	9Alp CMa	-1.4400	11000.	119	7907	No
247	GOM_NL__2PRFIN20030904_123256_000000512019_00338_07907_9106.N1	04-SEP-2003 12:32:56	Dark	51.000	47	2Bet CMa	1.9760	28000.	102	7907	No
248	GOM_NL__2PRFIN20030904_123532_000000392019_00338_07907_9107.N1	04-SEP-2003 12:35:32	Dark	38.500	70	Zet Pup	2.2460	39000.	77	7907	No
249	GOM_NL__2PRFIN20030904_123726_000000372019_00338_07907_9108.N1	04-SEP-2003 12:37:26	Dark	37.000	34	Gam2Vel	1.7930	23000.	74	7907	No
250	GOM_NL__2PRFIN20030904_124056_000000542019_00338_07907_9109.N1	04-SEP-2003 12:40:56	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7907	No
251	GOM_NL__2PRFIN20030904_125107_000000392019_00339_07908_9079.N1	04-SEP-2003 12:51:07	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	7908	No
252	GOM_NL__2PRFIN20030904_125237_000000462019_00339_07908_9080.N1	04-SEP-2003 12:52:37	Dark	45.500	9	Alp Eri	0.45300	24000.	91	7908	No
253	GOM_NL__2PRFIN20030904_125642_000000412019_00339_07908_9081.N1	04-SEP-2003 12:56:42	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	7908	No
254	GOM_NL__2PRFIN20030904_125834_000000542019_00339_07908_9082.N1	04-SEP-2003 12:58:34	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	7908	No
255	GOM_NL__2PRFIN20030904_130022_000000382019_00339_07908_9083.N1	04-SEP-2003 13:00:22	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	7908	No
256	GOM_NL__2PRFIN20030904_130428_000000492019_00339_07908_9084.N1	04-SEP-2003 13:04:28	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	7908	No
257	GOM_NL__2PRFIN20030904_130850_000000502019_00339_07908_9085.N1	04-SEP-2003 13:08:50	Dark	50.000	1014	Mars	0.0000	0.0000	100	7908	Yes
258	GOM_NL__2PRFIN20030904_131219_000000382019_00339_07908_9086.N1	04-SEP-2003 13:12:19	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	7908	No
259	GOM_NL__2PRFIN20030904_131342_000000392019_00339_07908_9087.N1	04-SEP-2003 13:13:42	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	7908	No
260	GOM_NL__2PRFIN20030904_131642_000000382019_00339_07908_9088.N1	04-SEP-2003 13:16:42	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	7908	No
261	GOM_NL__2PRFIN20030904_131916_000000462019_00339_07908_9089.N1	04-SEP-2003 13:19:16	Bright	46.000	90	54Alp Peg	2.4870	11000.	92	7908	No
262	GOM_NL__2PRFIN20030904_132338_000000382019_00339_07908_9090.N1	04-SEP-2003 13:23:38	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	7908	No
263	GOM_NL__2PRFIN20030904_132534_000000372019_00339_07908_9091.N1	04-SEP-2003 13:25:34	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	7908	No
264	GOM_NL__2PRFIN20030904_132648_000000362019_00339_07908_9092.N1	04-SEP-2003 13:26:48	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	7908	No
265	GOM_NL__2PRFIN20030904_133139_000000392019_00339_07908_9093.N1	04-SEP-2003 13:31:39	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7908	No
266	GOM_NL__2PRFIN20030904_133404_000000452019_00339_07908_9094.N1	04-SEP-2003 13:34:04	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	7908	No
267	GOM_NL__2PRFIN20030904_133608_000000452019_00339_07908_9095.N1	04-SEP-2003 13:36:08	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	7908	No
268	GOM_NL__2PRFIN20030904_133921_000000372019_00339_07908_9096.N1	04-SEP-2003 13:39:21	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	7908	No
269	GOM_NL__2PRFIN20030904_134313_000000582019_00339_07908_9097.N1	04-SEP-2003 13:43:13	Bright	57.500	160	23Gam Per	2.9300	4700.0	115	7908	No
270	GOM_NL__2PRFIN20030904_134558_000000522019_00339_07908_9098.N1	04-SEP-2003 13:45:58	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	7908	No
271	GOM_NL__2PRFIN20030904_134721_000000362019_00339_07908_9099.N1	04-SEP-2003 13:47:21	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	7908	No
272	GOM_NL__2PRFIN20030904_135111_000000622019_00339_07908_9100.N1	04-SEP-2003 13:51:11	Bright	62.000	6	13Alp Aur	0.080000	3400.0	124	7908	No
273	GOM_NL__2PRFIN20030904_135507_000000492019_00339_07908_9101.N1	04-SEP-2003 13:55:07	Bright	49.000	107	37The Aur	2.6490	11000.	98	7908	No
274	GOM_NL__2PRFIN20030904_135730_000000352019_00339_07908_9102.N1	04-SEP-2003 13:57:30	Bright	34.500	17	78Bet Gem	1.1610	4500.0	69	7908	No
275	GOM_NL__2PRFIN20030904_135910_000000732019_00339_07908_9103.N1	04-SEP-2003 13:59:10	Twilight	72.500	28	12Bet Tau	1.6500	15200.	145	7908	No
276	GOM_NL__2PRFIN20030904_140219_000000512019_00339_07908_9104.N1	04-SEP-2003 14:02:19	Twilight	51.000	44	24Gam Gem	1.9280	11000.	102	7908	No
277	GOM_NL__2PRFIN20030904_140417_000000522019_00339_07908_9105.N1	04-SEP-2003 14:04:17	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	7908	No
278	GOM_NL__2PRFIN20030904_140716_000000772019_00339_07908_9106.N1	04-SEP-2003 14:07:16	Dark	76.500	14	58Alp Ori	0.87000	3000.0	153	7908	No

279	GOM_NL__2PRFIN20030904_141211_000000522019_00339_07908_9107.N1	04-SEP-2003 14:12:11	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	7908	No
280	GOM_NL__2PRFIN20030904_141333_000000512019_00339_07908_9108.N1	04-SEP-2003 14:13:33	Dark	50.500	47	2Bet CMa	1.9760	28000.	101	7908	No
281	GOM_NL__2PRFIN20030904_141609_000000412019_00339_07908_9109.N1	04-SEP-2003 14:16:09	Dark	40.500	70	Zet Pup	2.2460	39000.	81	7908	No
282	GOM_NL__2PRFIN20030904_141802_000000412019_00339_07908_9110.N1	04-SEP-2003 14:18:02	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	7908	No
283	GOM_NL__2PRFIN20030904_142133_000000522019_00339_07908_9111.N1	04-SEP-2003 14:21:33	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	7908	No
284	GOM_NL__2PRFIN20030904_143144_000000372019_00340_07909_8894.N1	04-SEP-2003 14:31:44	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	7909	No
285	GOM_NL__2PRFIN20030904_143314_000000472019_00340_07909_8895.N1	04-SEP-2003 14:33:14	Dark	46.500	9	Alp Eri	0.45300	24000.	93	7909	No
286	GOM_NL__2PRFIN20030904_143718_000000452019_00340_07909_8896.N1	04-SEP-2003 14:37:18	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	7909	No
287	GOM_NL__2PRFIN20030904_143910_000000512019_00340_07909_8897.N1	04-SEP-2003 14:39:10	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	7909	No
288	GOM_NL__2PRFIN20030904_144059_000000432019_00340_07909_8898.N1	04-SEP-2003 14:40:59	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	7909	No
289	GOM_NL__2PRFIN20030904_144505_000000472019_00340_07909_8899.N1	04-SEP-2003 14:45:05	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	7909	No
290	GOM_NL__2PRFIN20030904_144926_000000522019_00340_07909_8900.N1	04-SEP-2003 14:49:26	Dark	52.000	1014	Mars	0.0000	0.0000	104	7909	Yes
291	GOM_NL__2PRFIN20030904_145255_000000382019_00340_07909_8901.N1	04-SEP-2003 14:52:55	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	7909	No
292	GOM_NL__2PRFIN20030904_145418_000000402019_00340_07909_8902.N1	04-SEP-2003 14:54:18	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	7909	No
293	GOM_NL__2PRFIN20030904_145718_000000392019_00340_07909_8903.N1	04-SEP-2003 14:57:18	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	7909	No
294	GOM_NL__2PRFIN20030904_145952_000000452019_00340_07909_8904.N1	04-SEP-2003 14:59:52	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	7909	No
295	GOM_NL__2PRFIN20030904_150413_000000382019_00340_07909_8905.N1	04-SEP-2003 15:04:13	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	7909	No
296	GOM_NL__2PRFIN20030904_150609_000000362019_00340_07909_8906.N1	04-SEP-2003 15:06:09	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	7909	No
297	GOM_NL__2PRFIN20030904_150723_000000352019_00340_07909_8907.N1	04-SEP-2003 15:07:23	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	7909	No
298	GOM_NL__2PRFIN20030904_151215_000000382019_00340_07909_8908.N1	04-SEP-2003 15:12:15	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	7909	No
299	GOM_NL__2PRFIN20030904_151439_000000452019_00340_07909_8909.N1	04-SEP-2003 15:14:39	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	7909	No
300	GOM_NL__2PRFIN20030904_151643_000000432019_00340_07909_8910.N1	04-SEP-2003 15:16:43	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	7909	No
301	GOM_NL__2PRFIN20030904_151956_000000392019_00340_07909_8911.N1	04-SEP-2003 15:19:56	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	7909	No
302	GOM_NL__2PRFIN20030904_152347_000000602019_00340_07909_8912.N1	04-SEP-2003 15:23:47	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	7909	No
303	GOM_NL__2PRFIN20030904_152633_000000362019_00340_07909_8913.N1	04-SEP-2003 15:26:33	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	7909	No
304	GOM_NL__2PRFIN20030904_152754_000000392019_00340_07909_8914.N1	04-SEP-2003 15:27:54	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	7909	No
305	GOM_NL__2PRFIN20030904_153146_000000632019_00340_07909_8915.N1	04-SEP-2003 15:31:46	Bright	62.500	6	13Alp Aur	0.080000	3400.0	125	7909	No
306	GOM_NL__2PRFIN20030904_153542_000000512019_00340_07909_8916.N1	04-SEP-2003 15:35:42	Bright	51.000	107	37The Aur	2.6490	11000.	102	7909	No
307	GOM_NL__2PRFIN20030904_153805_000000382019_00340_07909_8917.N1	04-SEP-2003 15:38:05	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	7909	No
308	GOM_NL__2PRFIN20030904_153945_000000762019_00340_07909_8918.N1	04-SEP-2003 15:39:45	Tw_i_and_stray	75.500	28	12Bet Tau	1.6500	15200.	151	7909	No
309	GOM_NL__2PRFIN20030904_154254_000000552019_00340_07909_8919.N1	04-SEP-2003 15:42:54	Tw_i_and_stray	55.000	44	24Gam Gem	1.9280	11000.	110	7909	No
310	GOM_NL__2PRFIN20030904_154453_000000502019_00340_07909_8920.N1	04-SEP-2003 15:44:53	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	7909	No
311	GOM_NL__2PRFIN20030904_154752_000000842019_00340_07909_8921.N1	04-SEP-2003 15:47:52	Dark	84.000	14	58Alp Ori	0.87000	3000.0	168	7909	No
312	GOM_NL__2PRFIN20030904_155246_000000602019_00340_07909_8922.N1	04-SEP-2003 15:52:46	Dark	60.000	1	9Alp CMa	-1.4400	11000.	120	7909	No
313	GOM_NL__2PRFIN20030904_155408_000000552019_00340_07909_8923.N1	04-SEP-2003 15:54:08	Dark	54.500	47	2Bet CMa	1.9760	28000.	109	7909	No
314	GOM_NL__2PRFIN20030904_155643_000000422019_00340_07909_8924.N1	04-SEP-2003 15:56:43	Dark	42.000	70	Zet Pup	2.2460	39000.	84	7909	No
315	GOM_NL__2PRFIN20030904_155837_000000422019_00340_07909_8925.N1	04-SEP-2003 15:58:37	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	7909	No
316	GOM_NL__2PRFIN20030904_160208_000000522019_00340_07909_8926.N1	04-SEP-2003 16:02:08	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	7909	No
317	GOM_NL__2PRFIN20030904_161216_000000442019_00341_07910_8914.N1	04-SEP-2003 16:12:16	Dark	44.000	135	Bet Hyi	2.8200	5800.0	88	7910	No
318	GOM_NL__2PRFIN20030904_161350_000000482019_00341_07910_8915.N1	04-SEP-2003 16:13:50	Dark	47.500	9	Alp Eri	0.45300	24000.	95	7910	No
319	GOM_NL__2PRFIN20030904_161751_000000422019_00341_07910_8916.N1	04-SEP-2003 16:17:51	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	7910	No
320	GOM_NL__2PRFIN20030904_161946_000000522019_00341_07910_8917.N1	04-SEP-2003 16:19:46	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	7910	No
321	GOM_NL__2PRFIN20030904_162133_000000422019_00341_07910_8918.N1	04-SEP-2003 16:21:33	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	7910	No
322	GOM_NL__2PRFIN20030904_162539_000000482019_00341_07910_8919.N1	04-SEP-2003 16:25:39	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	7910	No
323	GOM_NL__2PRFIN20030904_163001_000000512019_00341_07910_8920.N1	04-SEP-2003 16:30:01	Dark	50.500	1014	Mars	0.0000	0.0000	101	7910	Yes
324	GOM_NL__2PRFIN20030904_163328_000000432019_00341_07910_8921.N1	04-SEP-2003 16:33:28	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	7910	No
325	GOM_NL__2PRFIN20030904_163452_000000412019_00341_07910_8922.N1	04-SEP-2003 16:34:52	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	7910	No
326	GOM_NL__2PRFIN20030904_163753_000000402019_00341_07910_8923.N1	04-SEP-2003 16:37:53	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	7910	No
327	GOM_NL__2PRFIN20030904_164026_000000482019_00341_07910_8924.N1	04-SEP-2003 16:40:26	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	7910	No
328	GOM_NL__2PRFIN20030904_164447_000000432019_00341_07910_8925.N1	04-SEP-2003 16:44:47	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	7910	No
329	GOM_NL__2PRFIN20030904_164645_000000402019_00341_07910_8926.N1	04-SEP-2003 16:46:45	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	7910	No
330	GOM_NL__2PRFIN20030904_164757_000000442019_00341_07910_8927.N1	04-SEP-2003 16:47:57	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	7910	No
331	GOM_NL__2PRFIN20030904_165249_000000372019_00341_07910_8928.N1	04-SEP-2003 16:52:49	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	7910	No
332	GOM_NL__2PRFIN20030904_165514_000000422019_00341_07910_8929.N1	04-SEP-2003 16:55:14	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	7910	No
333	GOM_NL__2PRFIN20030904_165718_000000482019_00341_07910_8930.N1	04-SEP-2003 16:57:18	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	7910	No
334	GOM_NL__2PRFIN20030904_170031_000000392019_00341_07910_8931.N1	04-SEP-2003 17:00:31	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	7910	No
335	GOM_NL__2PRFIN20030904_170422_000000582019_00341_07910_8932.N1	04-SEP-2003 17:04:22	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	7910	No
336	GOM_NL__2PRFIN20030904_170709_000000392019_00341_07910_8933.N1	04-SEP-2003 17:07:09	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	7910	No
337	GOM_NL__2PRFIN20030904_170832_000000372019_00341_07910_8934.N1	04-SEP-2003 17:08:32	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	7910	No

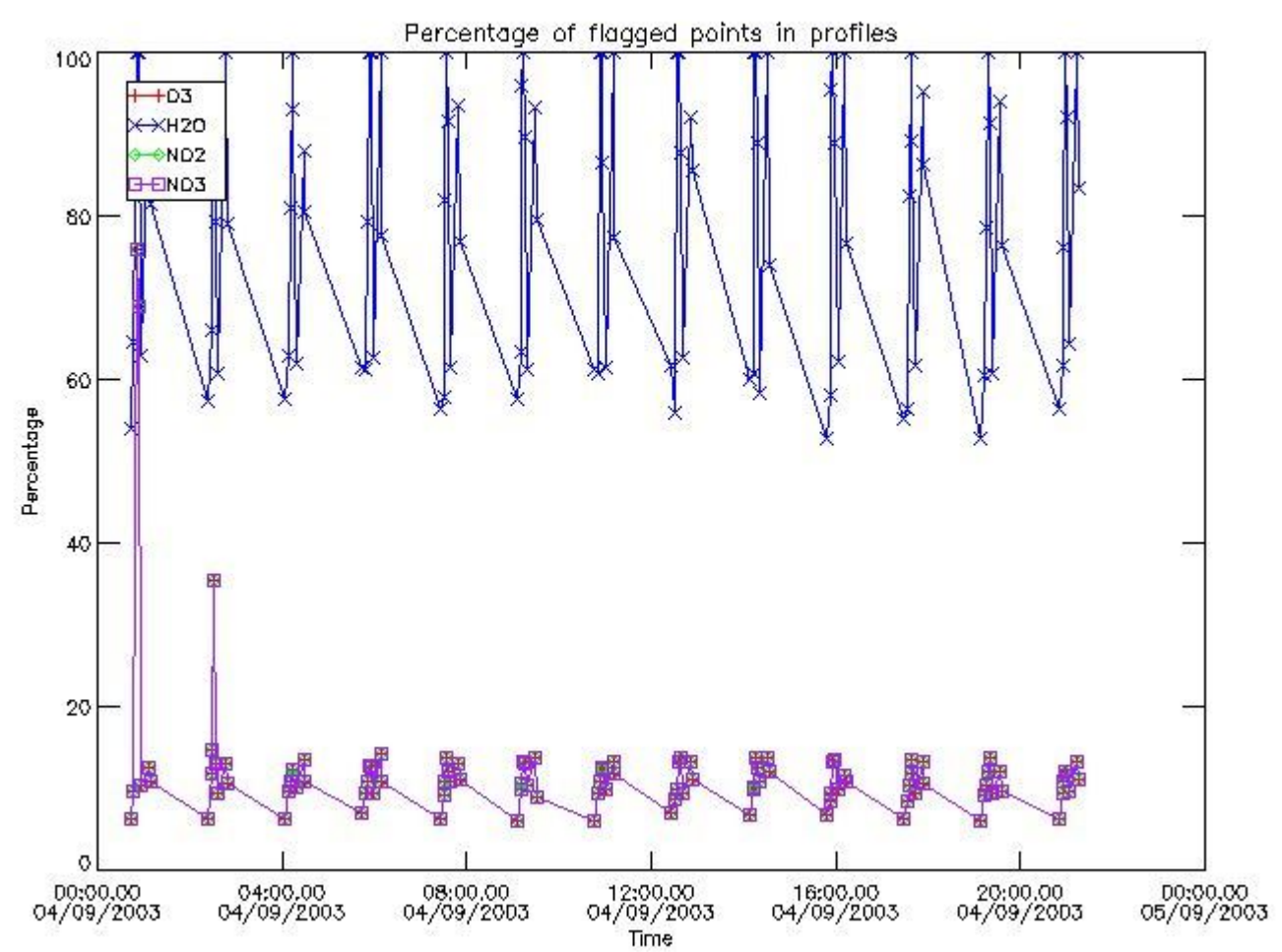
338	GOM_NL__2PRFIN20030904_171222_000000642019_00341_07910_8935.N1	04-SEP-2003 17:12:22	Bright	63.500	6	13Alp Aur	0.080000	3400.0	127	7910	No
339	GOM_NL__2PRFIN20030904_171618_000000512019_00341_07910_8936.N1	04-SEP-2003 17:16:18	Bright	51.000	107	37The Aur	2.6490	11000.	102	7910	No
340	GOM_NL__2PRFIN20030904_171841_000000402019_00341_07910_8937.N1	04-SEP-2003 17:18:41	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	7910	No
341	GOM_NL__2PRFIN20030904_172022_000000772019_00341_07910_8938.N1	04-SEP-2003 17:20:22	Tw_i_and_stray	77.000	28	12Bet Tau	1.6500	15200.	154	7910	No
342	GOM_NL__2PRFIN20030904_172331_000000572019_00341_07910_8939.N1	04-SEP-2003 17:23:31	Tw_i_and_stray	57.000	44	24Gam Gem	1.9280	11000.	114	7910	No
343	GOM_NL__2PRFIN20030904_172529_000000512019_00341_07910_8940.N1	04-SEP-2003 17:25:29	Twilight	51.000	8	10Alp CMi	0.400000	6500.0	102	7910	No
344	GOM_NL__2PRFIN20030904_172829_000000822019_00341_07910_8941.N1	04-SEP-2003 17:28:29	Dark	82.000	14	58Alp Ori	0.870000	3000.0	164	7910	No
345	GOM_NL__2PRFIN20030904_173322_000000602019_00341_07910_8942.N1	04-SEP-2003 17:33:22	Dark	60.000	1	9Alp CMa	-1.4400	11000.	120	7910	No
346	GOM_NL__2PRFIN20030904_173503_000000492019_00341_07910_8943.N1	04-SEP-2003 17:35:03	Dark	49.000	37	25Del CMa	1.8300	5900.0	98	7910	No
347	GOM_NL__2PRFIN20030904_173717_000000432019_00341_07910_8944.N1	04-SEP-2003 17:37:17	Dark	43.000	70	Zet Pup	2.2460	39000.	86	7910	No
348	GOM_NL__2PRFIN20030904_173913_000000382019_00341_07910_8945.N1	04-SEP-2003 17:39:13	Dark	37.500	34	Gam2Vel	1.7930	23000.	75	7910	No
349	GOM_NL__2PRFIN20030904_174244_000000542019_00341_07910_8946.N1	04-SEP-2003 17:42:44	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7910	No
350	GOM_NL__2PRFIN20030904_175252_000000432019_00342_07911_8914.N1	04-SEP-2003 17:52:52	Dark	42.500	135	Bet Hyi	2.8200	5800.0	85	7911	No
351	GOM_NL__2PRFIN20030904_175426_000000482019_00342_07911_8915.N1	04-SEP-2003 17:54:26	Dark	48.000	9	Alp Eri	0.45300	24000.	96	7911	No
352	GOM_NL__2PRFIN20030904_175829_000000402019_00342_07911_8916.N1	04-SEP-2003 17:58:29	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	7911	No
353	GOM_NL__2PRFIN20030904_180023_000000572019_00342_07911_8917.N1	04-SEP-2003 18:00:23	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	7911	No
354	GOM_NL__2PRFIN20030904_180209_000000402019_00342_07911_8918.N1	04-SEP-2003 18:02:09	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	7911	No
355	GOM_NL__2PRFIN20030904_180615_000000502019_00342_07911_8919.N1	04-SEP-2003 18:06:15	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	7911	No
356	GOM_NL__2PRFIN20030904_181036_000000542019_00342_07911_8920.N1	04-SEP-2003 18:10:36	Dark	54.000	1014	Mars	0.0000	0.0000	108	7911	Yes
357	GOM_NL__2PRFIN20030904_181405_000000402019_00342_07911_8921.N1	04-SEP-2003 18:14:05	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	7911	No
358	GOM_NL__2PRFIN20030904_181529_000000412019_00342_07911_8922.N1	04-SEP-2003 18:15:29	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	7911	No
359	GOM_NL__2PRFIN20030904_181828_000000402019_00342_07911_8923.N1	04-SEP-2003 18:18:28	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	7911	No
360	GOM_NL__2PRFIN20030904_182101_000000492019_00342_07911_8924.N1	04-SEP-2003 18:21:01	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	7911	No
361	GOM_NL__2PRFIN20030904_182525_000000402019_00342_07911_8925.N1	04-SEP-2003 18:25:25	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	7911	No
362	GOM_NL__2PRFIN20030904_182719_000000402019_00342_07911_8926.N1	04-SEP-2003 18:27:19	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	7911	No
363	GOM_NL__2PRFIN20030904_182835_000000402019_00342_07911_8927.N1	04-SEP-2003 18:28:35	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	7911	No
364	GOM_NL__2PRFIN20030904_183326_000000392019_00342_07911_8928.N1	04-SEP-2003 18:33:26	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7911	No
365	GOM_NL__2PRFIN20030904_183549_000000452019_00342_07911_8929.N1	04-SEP-2003 18:35:49	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	7911	No
366	GOM_NL__2PRFIN20030904_183753_000000472019_00342_07911_8930.N1	04-SEP-2003 18:37:53	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	7911	No
367	GOM_NL__2PRFIN20030904_184107_000000392019_00342_07911_8931.N1	04-SEP-2003 18:41:07	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	7911	No
368	GOM_NL__2PRFIN20030904_184457_000000582019_00342_07911_8932.N1	04-SEP-2003 18:44:57	Bright	57.500	160	23Gam Per	2.9300	4700.0	115	7911	No
369	GOM_NL__2PRFIN20030904_184743_000000382019_00342_07911_8933.N1	04-SEP-2003 18:47:43	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	7911	No
370	GOM_NL__2PRFIN20030904_184908_000000382019_00342_07911_8934.N1	04-SEP-2003 18:49:08	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	7911	No
371	GOM_NL__2PRFIN20030904_185258_000000632019_00342_07911_8935.N1	04-SEP-2003 18:52:58	Bright	63.000	6	13Alp Aur	0.080000	3400.0	126	7911	No
372	GOM_NL__2PRFIN20030904_185654_000000522019_00342_07911_8936.N1	04-SEP-2003 18:56:54	Bright	51.500	107	37The Aur	2.6490	11000.	103	7911	No
373	GOM_NL__2PRFIN20030904_185916_000000432019_00342_07911_8937.N1	04-SEP-2003 18:59:16	Bright	43.000	17	78Bet Gem	1.1610	4500.0	86	7911	No
374	GOM_NL__2PRFIN20030904_190058_000000782019_00342_07911_8938.N1	04-SEP-2003 19:00:58	Tw_i_and_stray	78.000	28	12Bet Tau	1.6500	15200.	156	7911	No
375	GOM_NL__2PRFIN20030904_190407_000000582019_00342_07911_8939.N1	04-SEP-2003 19:04:07	Tw_i_and_stray	57.500	44	24Gam Gem	1.9280	11000.	115	7911	No
376	GOM_NL__2PRFIN20030904_190605_000000552019_00342_07911_8940.N1	04-SEP-2003 19:06:05	Twilight	55.000	8	10Alp CMi	0.400000	6500.0	110	7911	No
377	GOM_NL__2PRFIN20030904_190906_000000852019_00342_07911_8941.N1	04-SEP-2003 19:09:06	Dark	85.000	14	58Alp Ori	0.870000	3000.0	170	7911	No
378	GOM_NL__2PRFIN20030904_191359_000000552019_00342_07911_8942.N1	04-SEP-2003 19:13:59	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	7911	No
379	GOM_NL__2PRFIN20030904_191540_000000502019_00342_07911_8943.N1	04-SEP-2003 19:15:40	Dark	49.500	37	25Del CMa	1.8300	5900.0	99	7911	No
380	GOM_NL__2PRFIN20030904_191756_000000422019_00342_07911_8944.N1	04-SEP-2003 19:17:56	Dark	42.000	70	Zet Pup	2.2460	39000.	84	7911	No
381	GOM_NL__2PRFIN20030904_191949_000000412019_00342_07911_8945.N1	04-SEP-2003 19:19:49	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	7911	No
382	GOM_NL__2PRFIN20030904_192321_000000542019_00342_07911_8946.N1	04-SEP-2003 19:23:21	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7911	No
383	GOM_NL__2PRFIN20030904_193328_000000422019_00343_07912_8917.N1	04-SEP-2003 19:33:28	Dark	42.000	135	Bet Hyi	2.8200	5800.0	84	7912	No
384	GOM_NL__2PRFIN20030904_193503_000000542019_00343_07912_8918.N1	04-SEP-2003 19:35:03	Dark	53.500	9	Alp Eri	0.45300	24000.	107	7912	No
385	GOM_NL__2PRFIN20030904_193906_000000482019_00343_07912_8919.N1	04-SEP-2003 19:39:06	Straylight	47.500	148	Alp Tuc	2.8780	4100.0	95	7912	No
386	GOM_NL__2PRFIN20030904_194059_000000592019_00343_07912_8920.N1	04-SEP-2003 19:40:59	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	7912	No
387	GOM_NL__2PRFIN20030904_194246_000000392019_00343_07912_8921.N1	04-SEP-2003 19:42:46	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	7912	No
388	GOM_NL__2PRFIN20030904_194652_000000492019_00343_07912_8922.N1	04-SEP-2003 19:46:52	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	7912	No
389	GOM_NL__2PRFIN20030904_195113_000000552019_00343_07912_8923.N1	04-SEP-2003 19:51:13	Dark	55.000	1014	Mars	0.0000	0.0000	110	7912	Yes
390	GOM_NL__2PRFIN20030904_195442_000000392019_00343_07912_8924.N1	04-SEP-2003 19:54:42	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	7912	No
391	GOM_NL__2PRFIN20030904_195606_000000412019_00343_07912_8925.N1	04-SEP-2003 19:56:06	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	7912	No
392	GOM_NL__2PRFIN20030904_195904_000000402019_00343_07912_8926.N1	04-SEP-2003 19:59:04	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	7912	No
393	GOM_NL__2PRFIN20030904_200137_000000482019_00343_07912_8927.N1	04-SEP-2003 20:01:37	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	7912	No
394	GOM_NL__2PRFIN20030904_200602_000000392019_00343_07912_8928.N1	04-SEP-2003 20:06:02	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	7912	No
395	GOM_NL__2PRFIN20030904_200758_000000362019_00343_07912_8929.N1	04-SEP-2003 20:07:58	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	7912	No
396	GOM_NL__2PRFIN20030904_200911_000000372019_00343_07912_8930.N1	04-SEP-2003 20:09:11	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	7912	No

397	GOM_NL__2PRFIN20030904_201402_000000392019_00343_07912_8931.N1	04-SEP-2003 20:14:02	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7912	No
398	GOM_NL__2PRFIN20030904_201624_000000472019_00343_07912_8932.N1	04-SEP-2003 20:16:24	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	7912	No
399	GOM_NL__2PRFIN20030904_201828_000000472019_00343_07912_8933.N1	04-SEP-2003 20:18:28	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	7912	No
400	GOM_NL__2PRFIN20030904_202144_000000382019_00343_07912_8934.N1	04-SEP-2003 20:21:44	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	7912	No
401	GOM_NL__2PRFIN20030904_202532_000000592019_00343_07912_8935.N1	04-SEP-2003 20:25:32	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	7912	No
402	GOM_NL__2PRFIN20030904_202822_000000392019_00343_07912_8936.N1	04-SEP-2003 20:28:22	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	7912	No
403	GOM_NL__2PRFIN20030904_202944_000000532019_00343_07912_8937.N1	04-SEP-2003 20:29:44	Bright	53.000	82	48Bet UMa	2.3650	10600.	106	7912	No
404	GOM_NL__2PRFIN20030904_203333_000000622019_00343_07912_8938.N1	04-SEP-2003 20:33:33	Bright	62.000	6	13Alp Aur	0.080000	3400.0	124	7912	No
405	GOM_NL__2PRFIN20030904_203730_000000532019_00343_07912_8939.N1	04-SEP-2003 20:37:30	Bright	52.500	107	37The Aur	2.6490	11000.	105	7912	No
406	GOM_NL__2PRFIN20030904_203952_000000442019_00343_07912_8940.N1	04-SEP-2003 20:39:52	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	7912	No
407	GOM_NL__2PRFIN20030904_204134_000000752019_00343_07912_8941.N1	04-SEP-2003 20:41:34	Twilight	74.500	28	12Bet Tau	1.6500	15200.	149	7912	No
408	GOM_NL__2PRFIN20030904_204443_000000522019_00343_07912_8942.N1	04-SEP-2003 20:44:43	Twilight	52.000	44	24Gam Gem	1.9280	11000.	104	7912	No
409	GOM_NL__2PRFIN20030904_204641_000000492019_00343_07912_8943.N1	04-SEP-2003 20:46:41	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	7912	No
410	GOM_NL__2PRFIN20030904_204942_000000822019_00343_07912_8944.N1	04-SEP-2003 20:49:42	Dark	82.000	14	58Alp Ori	0.87000	3000.0	164	7912	No
411	GOM_NL__2PRFIN20030904_205436_000000542019_00343_07912_8945.N1	04-SEP-2003 20:54:36	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	7912	No
412	GOM_NL__2PRFIN20030904_205617_000000472019_00343_07912_8946.N1	04-SEP-2003 20:56:17	Dark	46.500	37	25Del CMa	1.8300	5900.0	93	7912	No
413	GOM_NL__2PRFIN20030904_205832_000000422019_00343_07912_8947.N1	04-SEP-2003 20:58:32	Dark	42.000	70	Zet Pup	2.2460	39000.	84	7912	No
414	GOM_NL__2PRFIN20030904_210025_000000452019_00343_07912_8948.N1	04-SEP-2003 21:00:25	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	7912	No
415	GOM_NL__2PRFIN20030904_210358_000000532019_00343_07912_8949.N1	04-SEP-2003 21:03:58	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	7912	No
416	GOM_NL__2PRFIN20030904_211404_000000422019_00344_07913_8923.N1	04-SEP-2003 21:14:04	Dark	42.000	135	Bet Hyi	2.8200	5800.0	84	7913	No
417	GOM_NL__2PRFIN20030904_211539_000000462019_00344_07913_8924.N1	04-SEP-2003 21:15:39	Dark	45.500	9	Alp Eri	0.45300	24000.	91	7913	No
418	GOM_NL__2PRFIN20030904_211942_000000402019_00344_07913_8925.N1	04-SEP-2003 21:19:42	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	7913	No
419	GOM_NL__2PRFIN20030904_212136_000000532019_00344_07913_8926.N1	04-SEP-2003 21:21:36	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	7913	No
420	GOM_NL__2PRFIN20030904_212321_000000342019_00344_07913_8927.N1	04-SEP-2003 21:23:21	Straylight	33.500	31	Alp Gru	1.7340	15200.	67	7913	No

3. Quality information per product

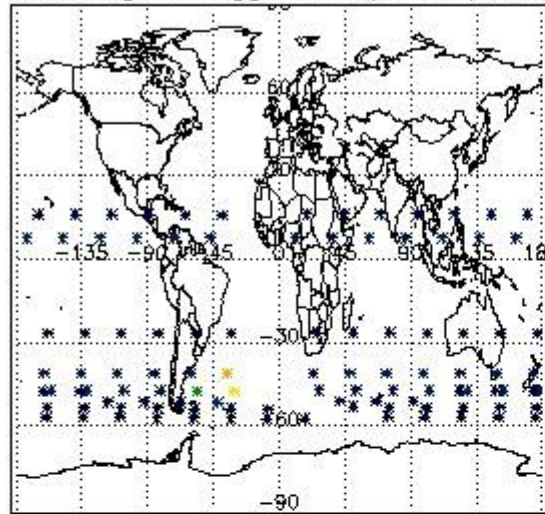
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

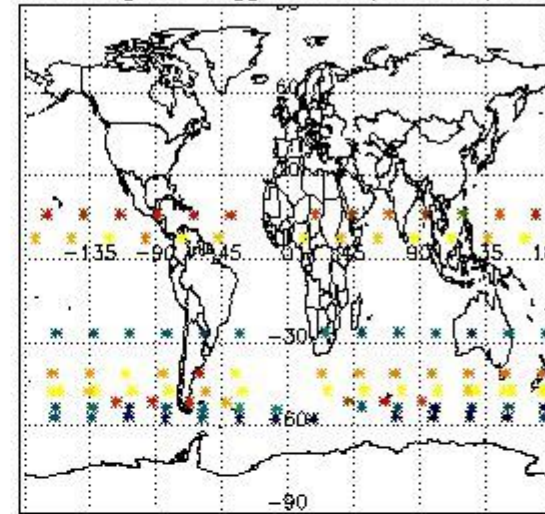


3.2 Plot quality information per product (world map)

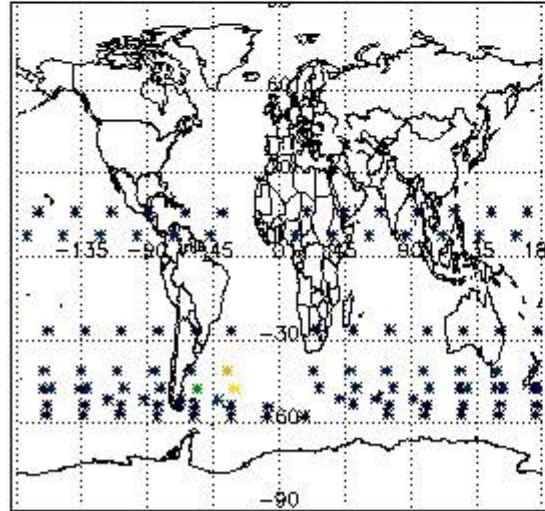
Percentage of flagged data per O3 profile



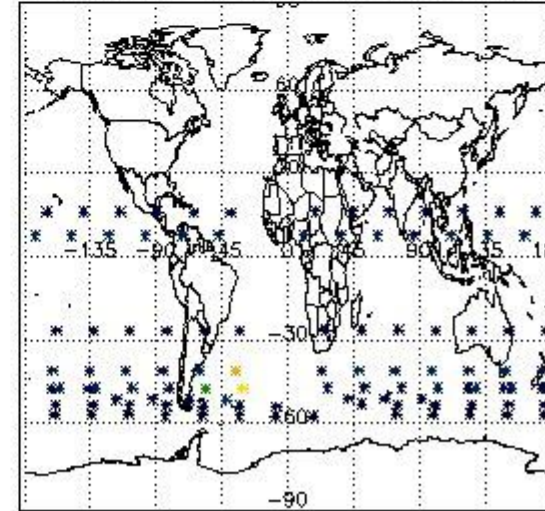
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

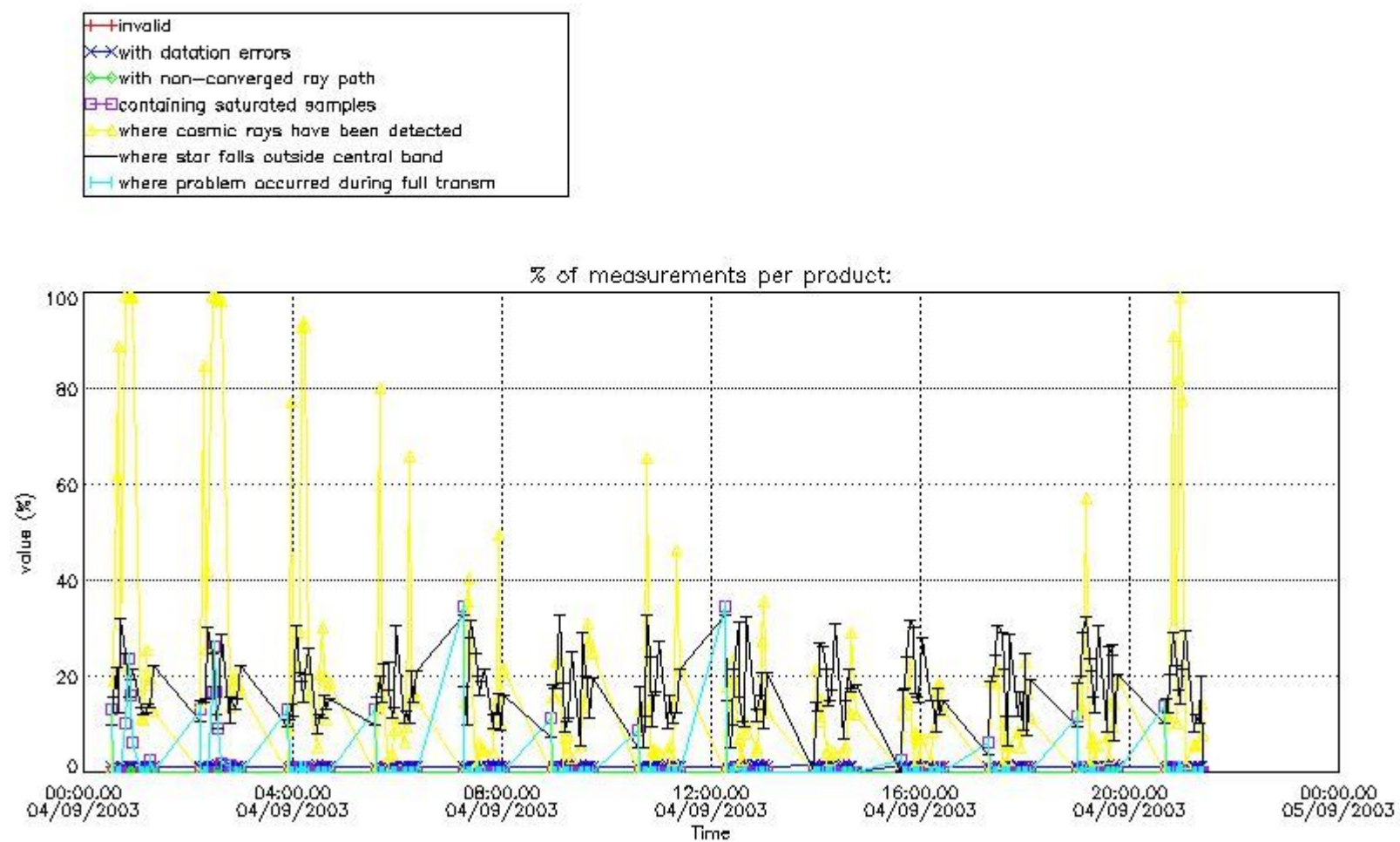


4. Level 1 quality information per product

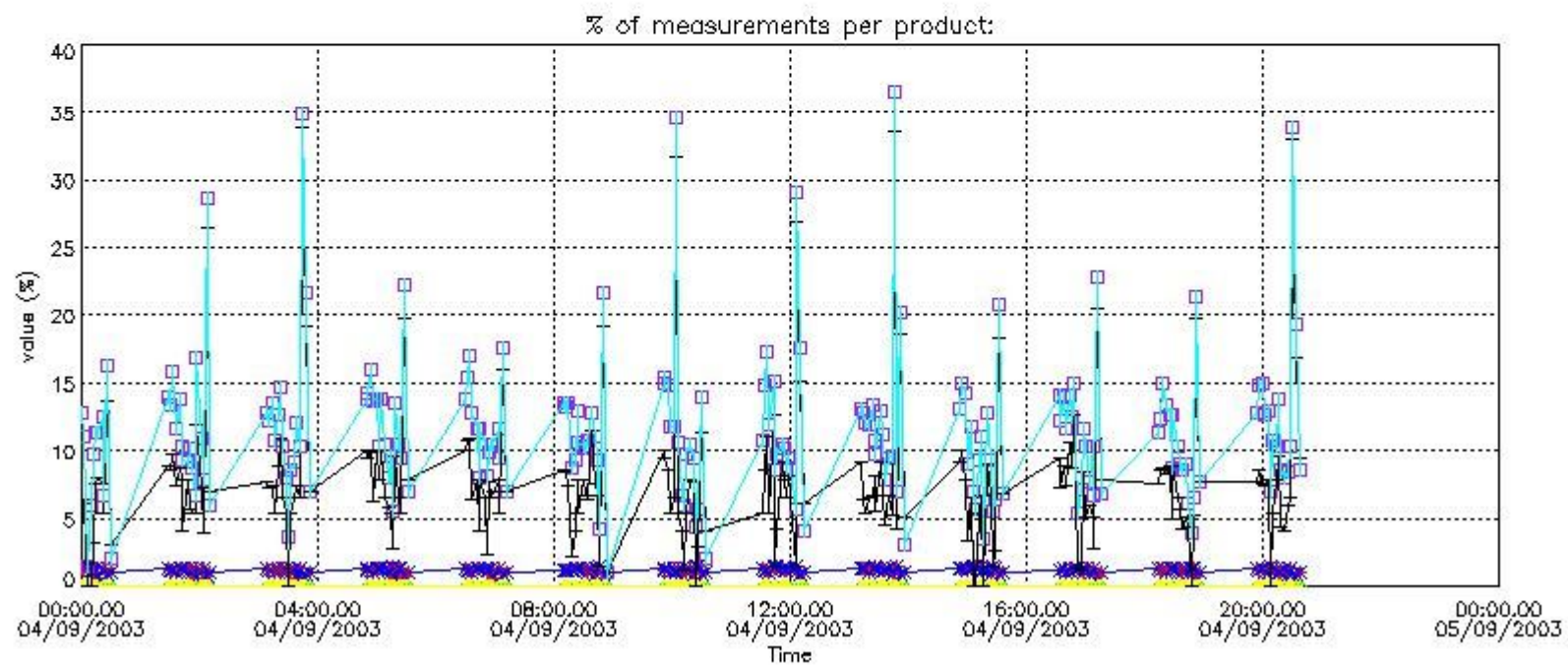
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



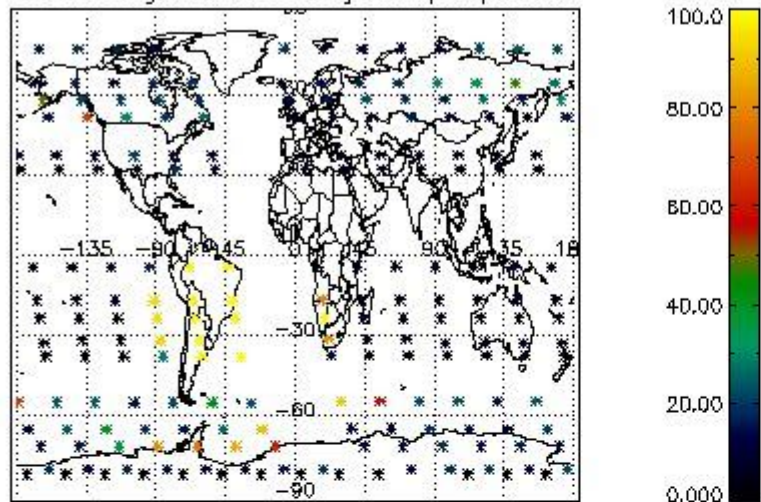
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



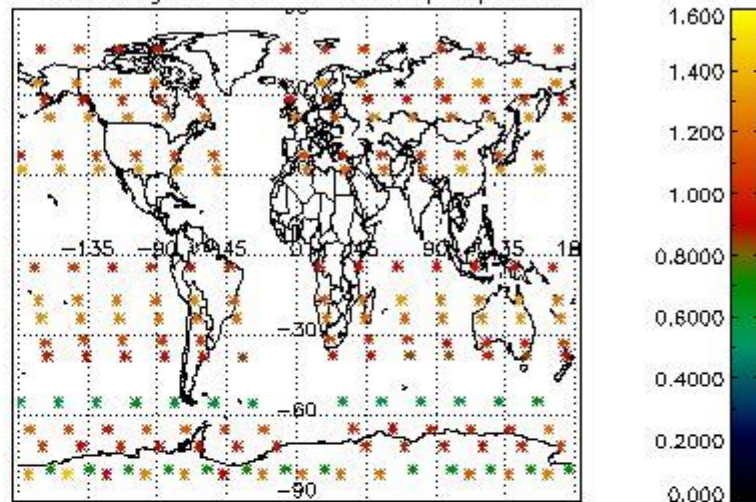
4.2 Plot quality information per product coming from level 1b processing (world map)

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

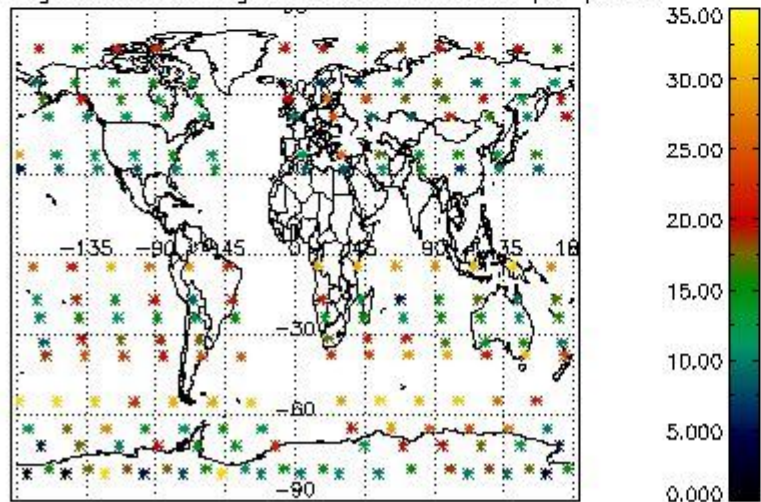
Percentage of cosmic ray hits per profile



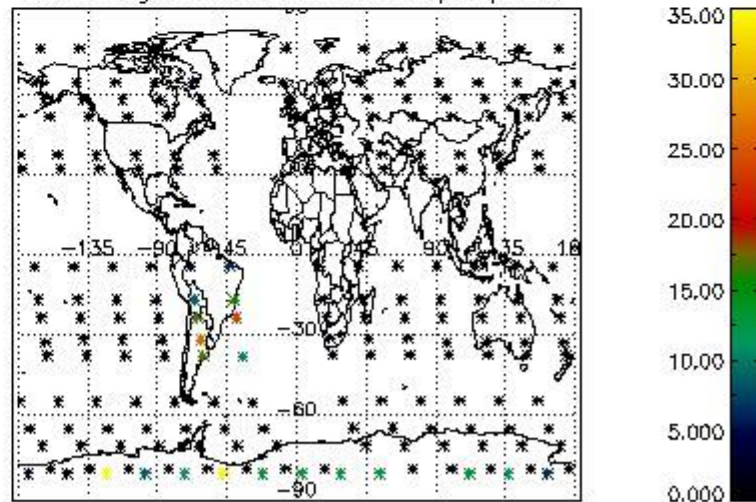
Percentage of datation errors per profile



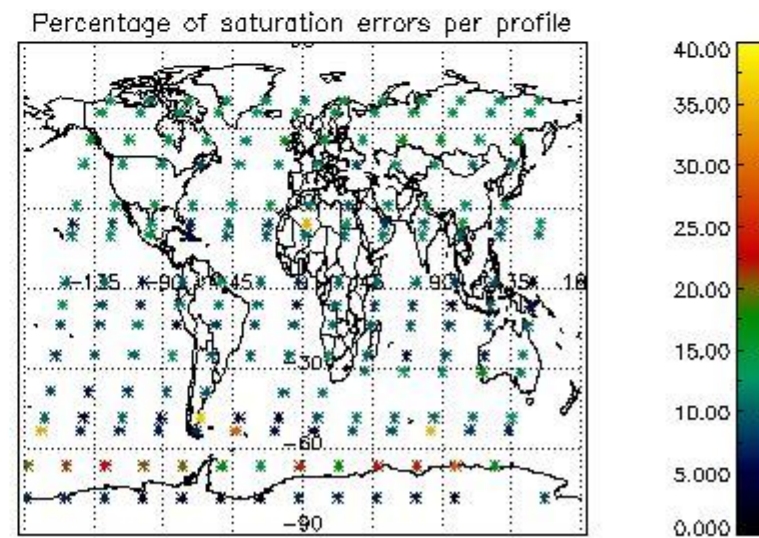
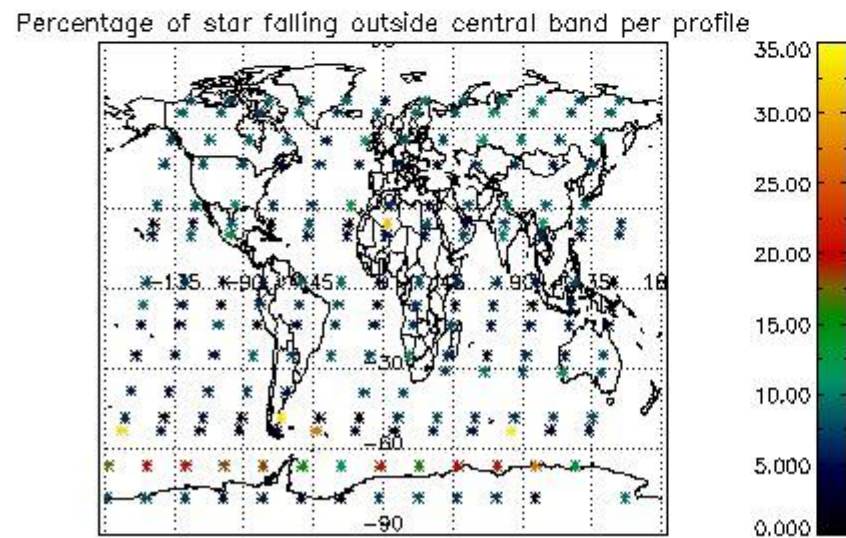
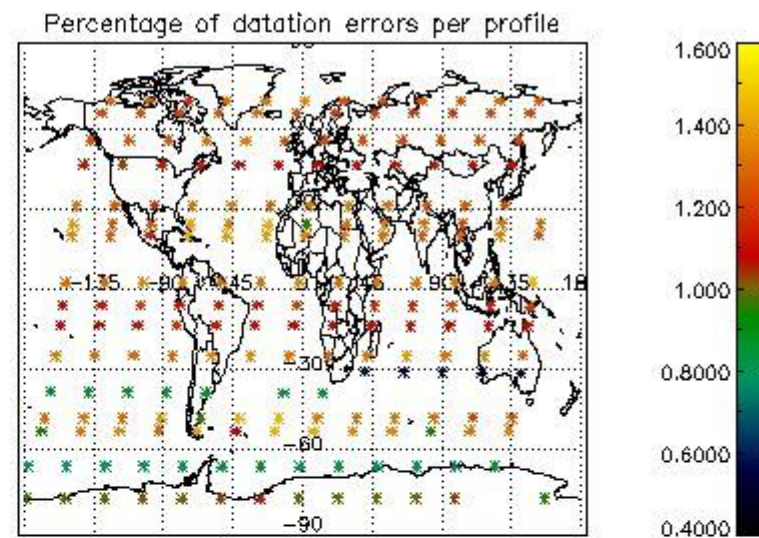
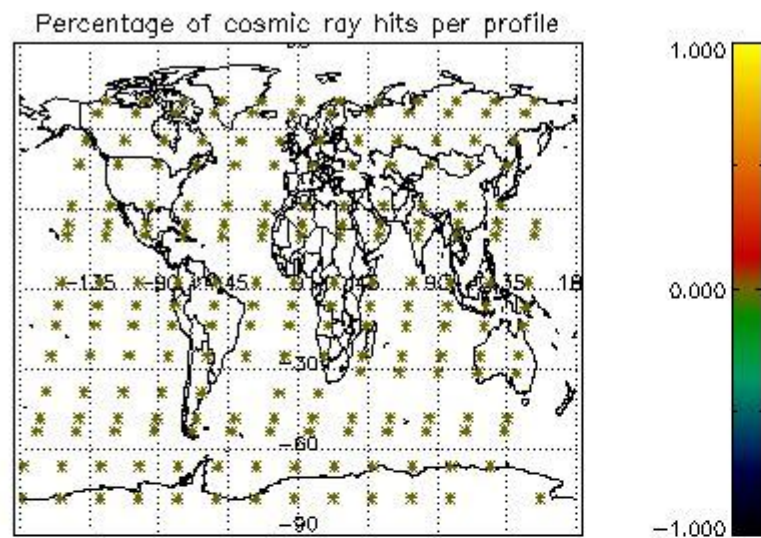
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

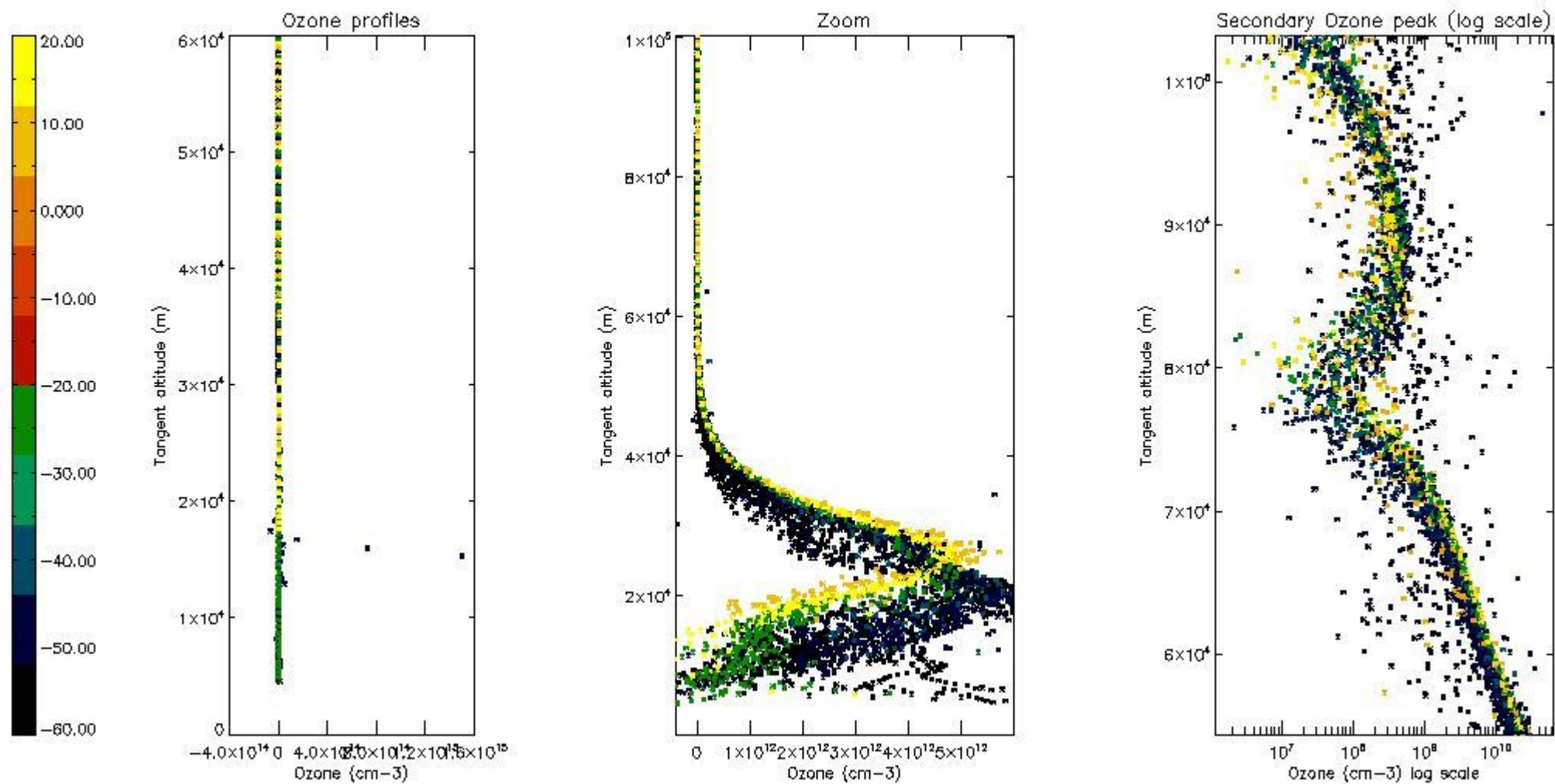
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	17

STD < 10	15
STD < 5	11

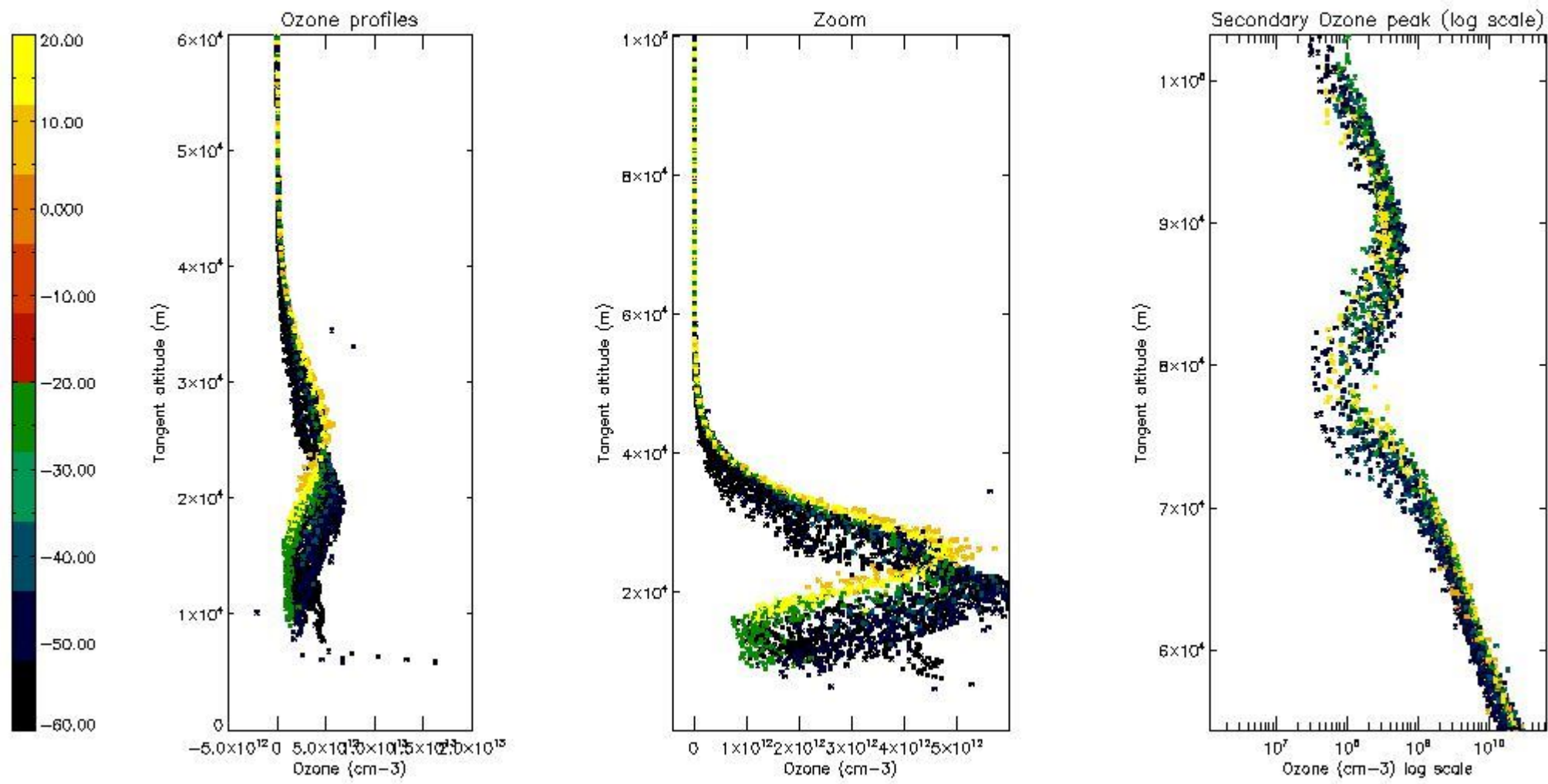
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



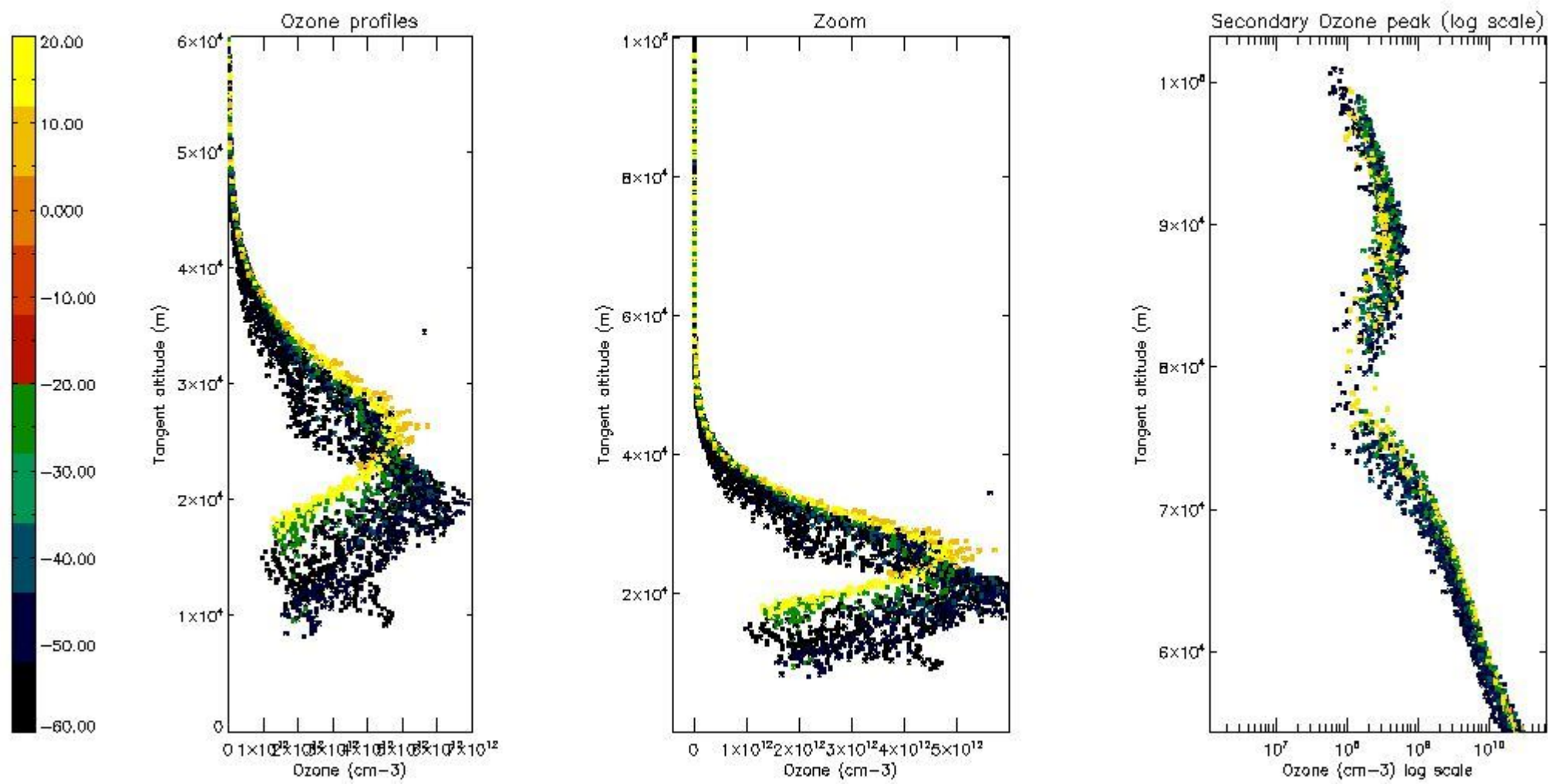
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



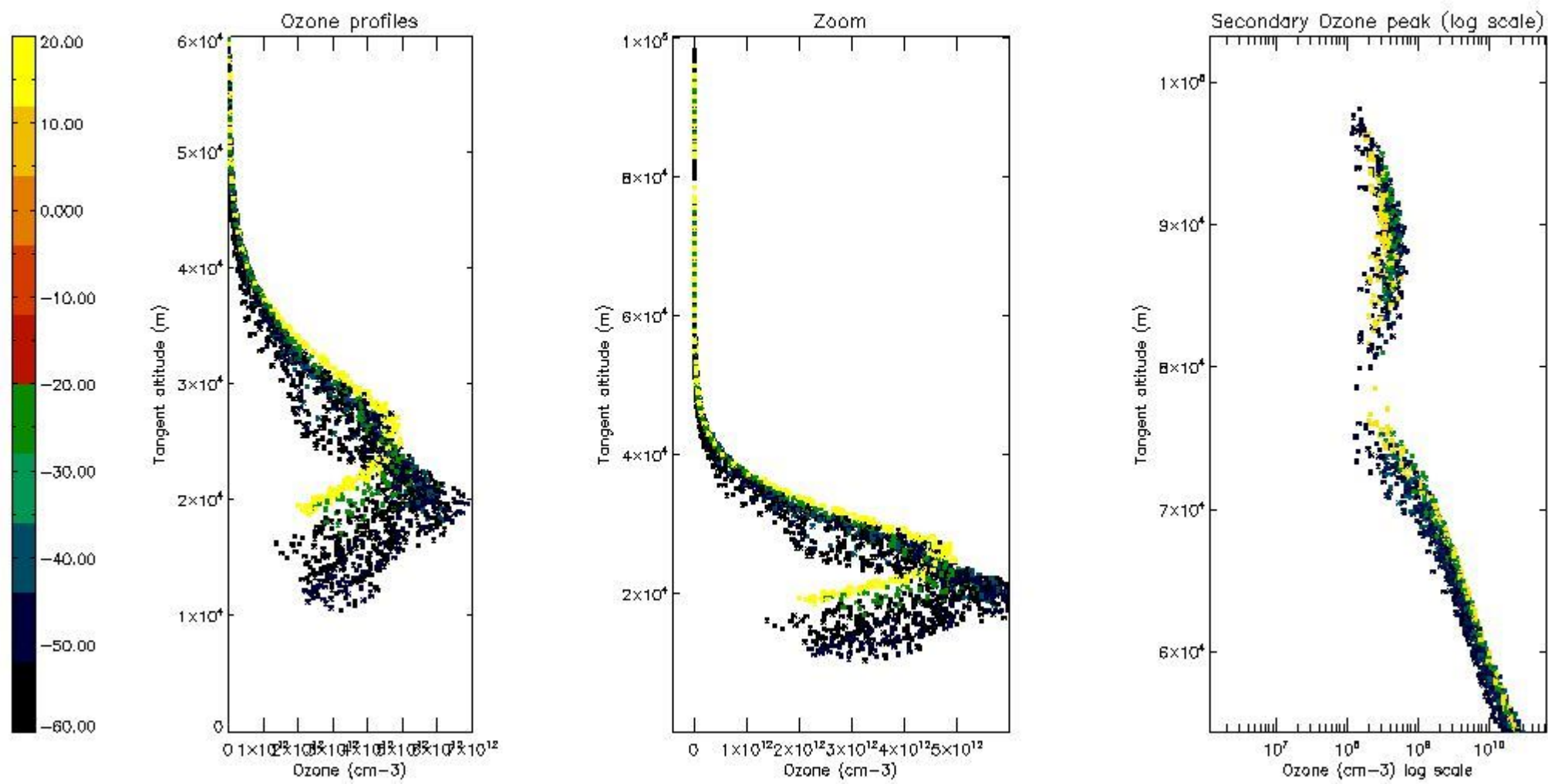
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



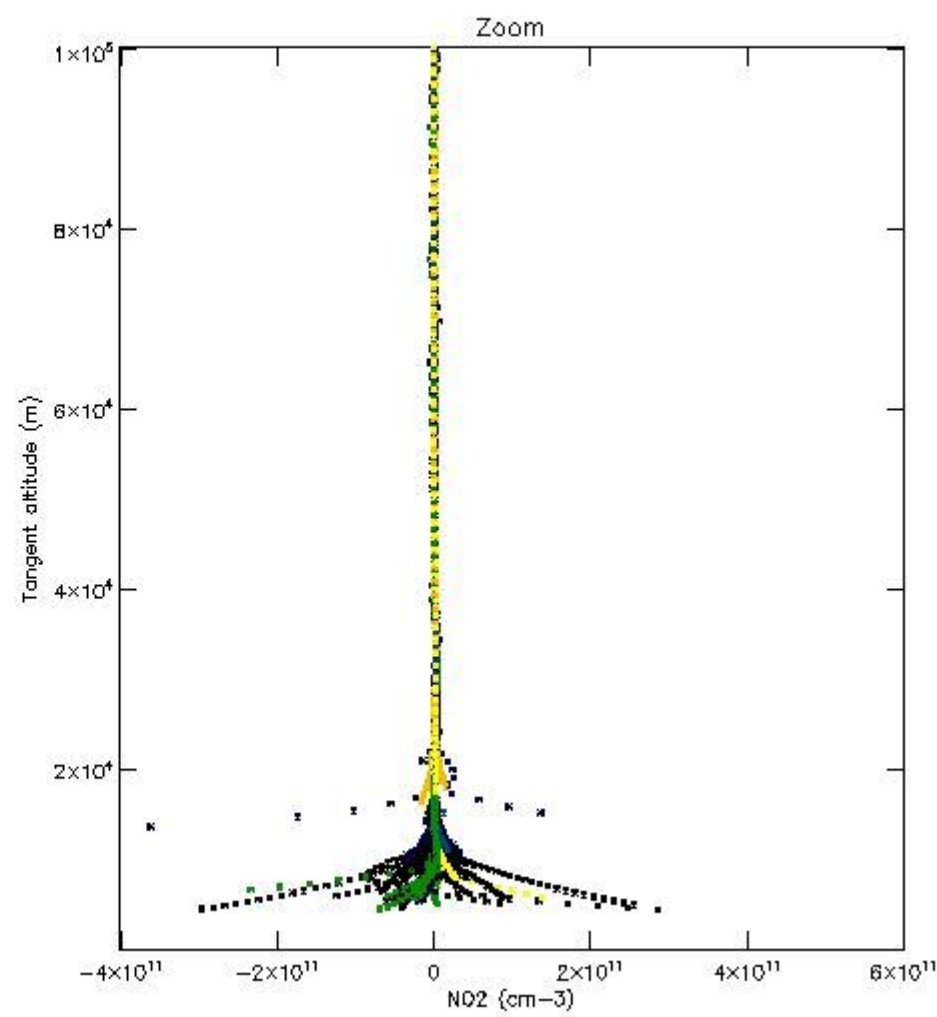
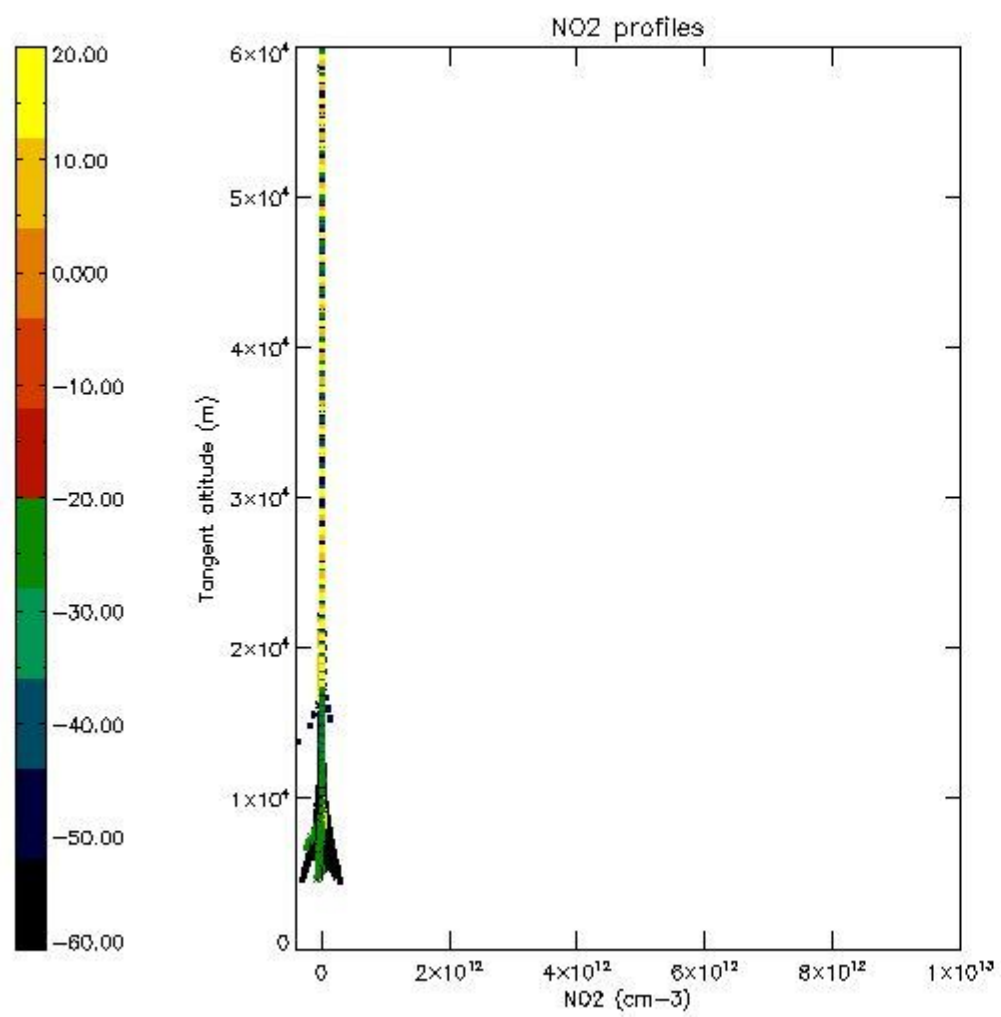
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



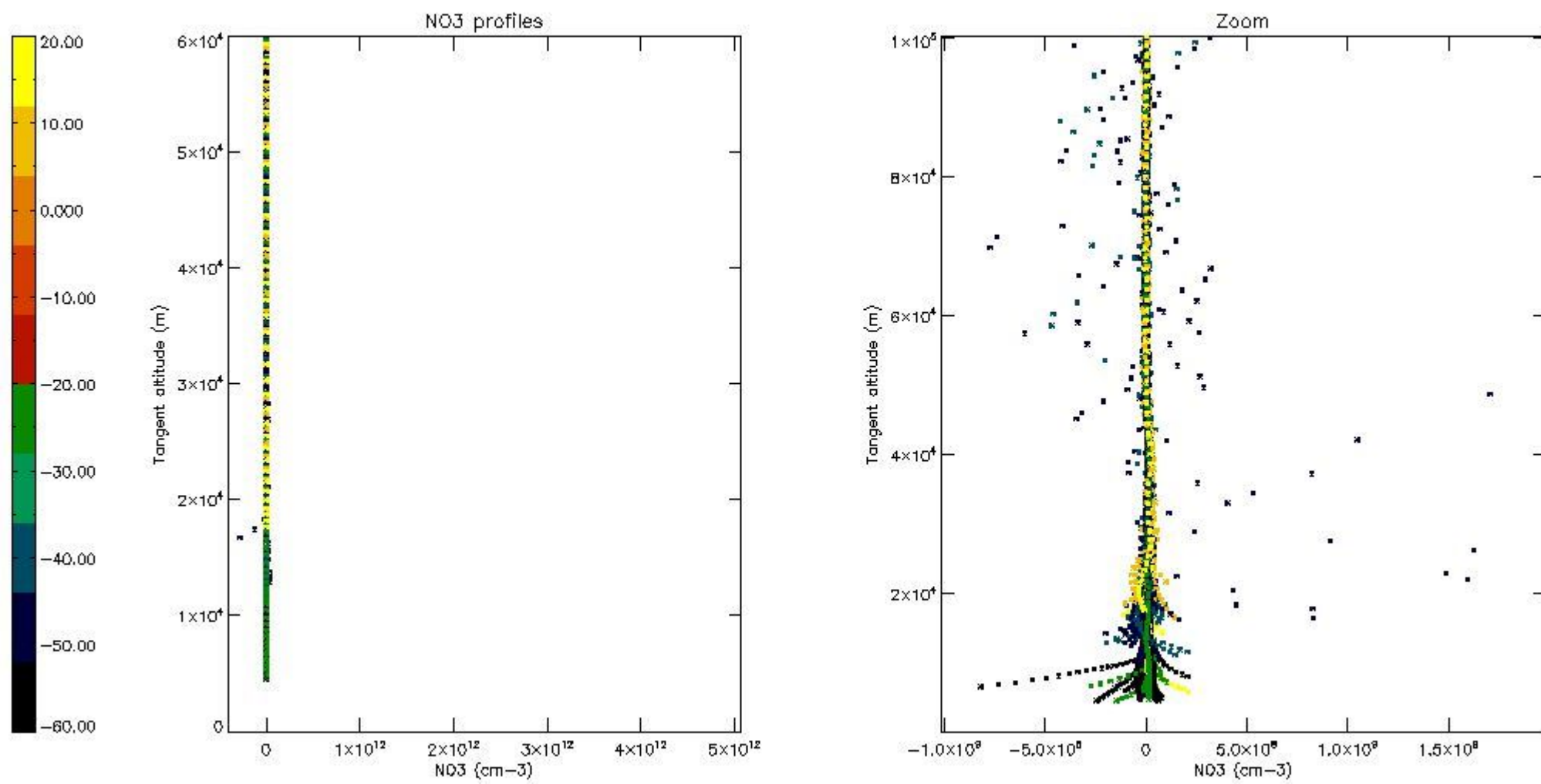
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



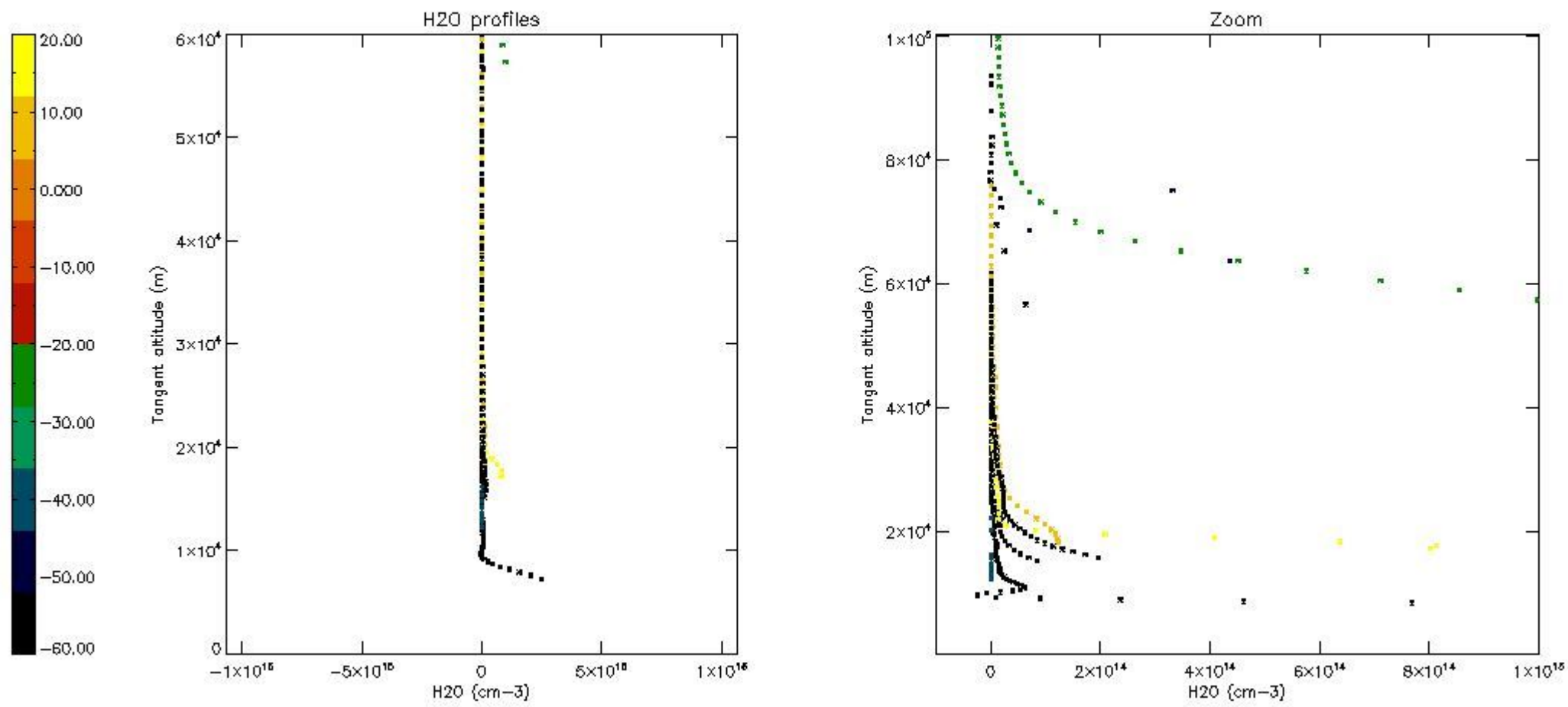
5.7 Plot NO3 profiles for all STD (dark without errors)

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	04-SEP-2003 00:00:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-SEP-2003 00:00:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-SEP-2003 00:00:44

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	19APR2013 19:43:02
Data source version	GOMOS/6.01
Start time of products	04-09-2003 (04SEP2003 00:00:00)
Stop time of products	05-09-2003 (05SEP2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	420
Nb of prods with errors	12

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__2PRFIN20030904_000044_000000392019_00331_07900_9078.N1	04-SEP-2003 00:00:44	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	7900	No
2	GOM_NL__2PRFIN20030904_000156_000000412019_00331_07900_9079.N1	04-SEP-2003 00:01:56	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	7900	No
3	GOM_NL__2PRFIN20030904_000652_000000352019_00331_07900_9080.N1	04-SEP-2003 00:06:52	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	7900	No
4	GOM_NL__2PRFIN20030904_000921_000000422019_00331_07900_9081.N1	04-SEP-2003 00:09:21	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	7900	No
5	GOM_NL__2PRFIN20030904_001126_000000462019_00331_07900_9082.N1	04-SEP-2003 00:11:26	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	7900	No
6	GOM_NL__2PRFIN20030904_001432_000000402019_00331_07900_9083.N1	04-SEP-2003 00:14:32	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	7900	No
7	GOM_NL__2PRFIN20030904_001620_000000882019_00331_07900_9084.N1	04-SEP-2003 00:16:20	Bright	88.000	73	57Gam1And	2.2600	13100.	176	7900	No
8	GOM_NL__2PRFIN20030904_002107_000000402019_00331_07900_9085.N1	04-SEP-2003 00:21:07	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	7900	No
9	GOM_NL__2PRFIN20030904_002230_000000382019_00331_07900_9086.N1	04-SEP-2003 00:22:30	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	7900	No
10	GOM_NL__2PRFIN20030904_002626_000000592019_00331_07900_9087.N1	04-SEP-2003 00:26:26	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	7900	No
11	GOM_NL__2PRFIN20030904_003019_000000482019_00331_07900_9088.N1	04-SEP-2003 00:30:19	Bright	48.000	107	37The Aur	2.6490	11000.	96	7900	No
12	GOM_NL__2PRFIN20030904_003240_000000422019_00331_07900_9089.N1	04-SEP-2003 00:32:40	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	7900	No
13	GOM_NL__2PRFIN20030904_003419_000000742019_00331_07900_9090.N1	04-SEP-2003 00:34:19	Twilight	74.000	28	12Bet Tau	1.6500	15200.	148	7900	No
14	GOM_NL__2PRFIN20030904_003727_000000582019_00331_07900_9091.N1	04-SEP-2003 00:37:27	Twilight	57.500	44	24Gam Gem	1.9280	11000.	115	7900	No
15	GOM_NL__2PRFIN20030904_003925_000000442019_00331_07900_9092.N1	04-SEP-2003 00:39:25	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	7900	No
16	GOM_NL__2PRFIN20030904_004220_000000832019_00331_07900_9093.N1	04-SEP-2003 00:42:20	Dark	83.000	14	58Alp Ori	0.87000	3000.0	166	7900	No
17	GOM_NL__2PRFIN20030904_004714_000000592019_00331_07900_9094.N1	04-SEP-2003 00:47:14	Dark	58.500	1	9Alp CMa	-1.4400	11000.	117	7900	No
18	GOM_NL__2PRFIN20030904_005118_000000422019_00331_07900_9095.N1	04-SEP-2003 00:51:18	Dark	42.000	70	Zet Pup	2.2460	39000.	84	7900	No
19	GOM_NL__2PRFIN20030904_005312_000000442019_00331_07900_9096.N1	04-SEP-2003 00:53:12	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	7900	No
20	GOM_NL__2PRFIN20030904_005639_000000492019_00331_07900_9097.N1	04-SEP-2003 00:56:39	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	7900	No
21	GOM_NL__2PRFIN20030904_010654_000000412019_00332_07901_9070.N1	04-SEP-2003 01:06:54	Dark	40.500	135	Bet Hyi	2.8200	5800.0	81	7901	No
22	GOM_NL__2PRFIN20030904_010820_000000472019_00332_07901_9071.N1	04-SEP-2003 01:08:20	Dark	46.500	9	Alp Eri	0.45300	24000.	93	7901	No
23	GOM_NL__2PRFIN20030904_011228_000000412019_00332_07901_9072.N1	04-SEP-2003 01:12:28	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	7901	No
24	GOM_NL__2PRFIN20030904_011418_000000502019_00332_07901_9073.N1	04-SEP-2003 01:14:18	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	7901	No
25	GOM_NL__2PRFIN20030904_011609_000000412019_00332_07901_9074.N1	04-SEP-2003 01:16:09	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	7901	No
26	GOM_NL__2PRFIN20030904_012013_000000522019_00332_07901_9075.N1	04-SEP-2003 01:20:13	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	7901	No
27	GOM_NL__2PRFIN20030904_012437_000000522019_00332_07901_9076.N1	04-SEP-2003 01:24:37	Dark	51.500	1014	Mars	0.0000	0.0000	103	7901	Yes
28	GOM_NL__2PRFIN20030904_012806_000000402019_00332_07901_9077.N1	04-SEP-2003 01:28:06	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	7901	No
29	GOM_NL__2PRFIN20030904_012930_000000412019_00332_07901_9078.N1	04-SEP-2003 01:29:30	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	7901	No
30	GOM_NL__2PRFIN20030904_013229_000000412019_00332_07901_9079.N1	04-SEP-2003 01:32:29	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	7901	No
31	GOM_NL__2PRFIN20030904_013507_000000472019_00332_07901_9080.N1	04-SEP-2003 01:35:07	Bright	47.000	90	54Alp Peg	2.4870	11000.	94	7901	No
32	GOM_NL__2PRFIN20030904_013924_000000402019_00332_07901_9081.N1	04-SEP-2003 01:39:24	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	7901	No
33	GOM_NL__2PRFIN20030904_014120_000000392019_00332_07901_9082.N1	04-SEP-2003 01:41:20	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	7901	No
34	GOM_NL__2PRFIN20030904_014235_000000382019_00332_07901_9083.N1	04-SEP-2003 01:42:35	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	7901	No
35	GOM_NL__2PRFIN20030904_014728_000000382019_00332_07901_9084.N1	04-SEP-2003 01:47:28	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	7901	No
36	GOM_NL__2PRFIN20030904_014956_000000442019_00332_07901_9085.N1	04-SEP-2003 01:49:56	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	7901	No
37	GOM_NL__2PRFIN20030904_015201_000000462019_00332_07901_9086.N1	04-SEP-2003 01:52:01	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	7901	No
38	GOM_NL__2PRFIN20030904_015508_000000372019_00332_07901_9087.N1	04-SEP-2003 01:55:08	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	7901	No
39	GOM_NL__2PRFIN20030904_015654_000000922019_00332_07901_9088.N1	04-SEP-2003 01:56:54	Bright	92.000	73	57Gam1And	2.2600	13100.	184	7901	No
40	GOM_NL__2PRFIN20030904_020141_000000422019_00332_07901_9089.N1	04-SEP-2003 02:01:41	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	7901	No
41	GOM_NL__2PRFIN20030904_020306_000000382019_00332_07901_9090.N1	04-SEP-2003 02:03:06	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	7901	No
42	GOM_NL__2PRFIN20030904_020702_000000682019_00332_07901_9091.N1	04-SEP-2003 02:07:02	Bright	68.000	6	13Alp Aur	0.080000	3400.0	136	7901	No

43	GOM_NL__2PRFIN20030904_021055_000000502019_00332_07901_9092.N1	04-SEP-2003 02:10:55	Bright	50.000	107	37The Aur	2.6490	11000.	100	7901	No
44	GOM_NL__2PRFIN20030904_021316_000000422019_00332_07901_9093.N1	04-SEP-2003 02:13:16	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	7901	No
45	GOM_NL__2PRFIN20030904_021456_000000732019_00332_07901_9094.N1	04-SEP-2003 02:14:56	Twl_and_stray	73.000	28	12Bet Tau	1.6500	15200.	146	7901	No
46	GOM_NL__2PRFIN20030904_021803_000000522019_00332_07901_9095.N1	04-SEP-2003 02:18:03	Twl_and_stray	52.000	44	24Gam Gem	1.9280	11000.	104	7901	No
47	GOM_NL__2PRFIN20030904_022002_000000462019_00332_07901_9096.N1	04-SEP-2003 02:20:02	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	7901	No
48	GOM_NL__2PRFIN20030904_022257_000000802019_00332_07901_9097.N1	04-SEP-2003 02:22:57	Dark	80.000	14	58Alp Ori	0.87000	3000.0	160	7901	No
49	GOM_NL__2PRFIN20030904_022752_000000572019_00332_07901_9098.N1	04-SEP-2003 02:27:52	Dark	56.500	1	9Alp CMa	-1.4400	11000.	113	7901	No
50	GOM_NL__2PRFIN20030904_022935_000000482019_00332_07901_9099.N1	04-SEP-2003 02:29:35	Dark	48.000	37	25Del CMa	1.8300	5900.0	96	7901	No
51	GOM_NL__2PRFIN20030904_023153_000000422019_00332_07901_9100.N1	04-SEP-2003 02:31:53	Dark	41.500	70	Zet Pup	2.2460	39000.	83	7901	No
52	GOM_NL__2PRFIN20030904_023348_000000392019_00332_07901_9101.N1	04-SEP-2003 02:33:48	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	7901	No
53	GOM_NL__2PRFIN20030904_023716_000000542019_00332_07901_9102.N1	04-SEP-2003 02:37:16	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7901	No
54	GOM_NL__2PRFIN20030904_024730_000000392019_00333_07902_9071.N1	04-SEP-2003 02:47:30	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	7902	No
55	GOM_NL__2PRFIN20030904_024857_000000482019_00333_07902_9072.N1	04-SEP-2003 02:48:57	Dark	48.000	9	Alp Eri	0.45300	24000.	96	7902	No
56	GOM_NL__2PRFIN20030904_025304_000000422019_00333_07902_9073.N1	04-SEP-2003 02:53:04	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	7902	No
57	GOM_NL__2PRFIN20030904_025454_000000502019_00333_07902_9074.N1	04-SEP-2003 02:54:54	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	7902	No
58	GOM_NL__2PRFIN20030904_025645_000000432019_00333_07902_9075.N1	04-SEP-2003 02:56:45	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	7902	No
59	GOM_NL__2PRFIN20030904_030050_000000502019_00333_07902_9076.N1	04-SEP-2003 03:00:50	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	7902	No
60	GOM_NL__2PRFIN20030904_030513_000000562019_00333_07902_9077.N1	04-SEP-2003 03:05:13	Dark	56.000	1014	Mars	0.0000	0.0000	112	7902	Yes
61	GOM_NL__2PRFIN20030904_030842_000000392019_00333_07902_9078.N1	04-SEP-2003 03:08:42	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	7902	No
62	GOM_NL__2PRFIN20030904_031005_000000412019_00333_07902_9079.N1	04-SEP-2003 03:10:05	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	7902	No
63	GOM_NL__2PRFIN20030904_031304_000000412019_00333_07902_9080.N1	04-SEP-2003 03:13:04	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	7902	No
64	GOM_NL__2PRFIN20030904_031542_000000472019_00333_07902_9081.N1	04-SEP-2003 03:15:42	Bright	46.500	90	54Alp Peg	2.4870	11000.	93	7902	No
65	GOM_NL__2PRFIN20030904_032000_000000402019_00333_07902_9082.N1	04-SEP-2003 03:20:00	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	7902	No
66	GOM_NL__2PRFIN20030904_032156_000000412019_00333_07902_9083.N1	04-SEP-2003 03:21:56	Bright	41.000	66	37Gam Cyg	2.2080	5900.0	82	7902	No
67	GOM_NL__2PRFIN20030904_032311_000000392019_00333_07902_9084.N1	04-SEP-2003 03:23:11	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	7902	No
68	GOM_NL__2PRFIN20030904_032803_000000382019_00333_07902_9085.N1	04-SEP-2003 03:28:03	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	7902	No
69	GOM_NL__2PRFIN20030904_033031_000000412019_00333_07902_9086.N1	04-SEP-2003 03:30:31	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	7902	No
70	GOM_NL__2PRFIN20030904_033236_000000472019_00333_07902_9087.N1	04-SEP-2003 03:32:36	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	7902	No
71	GOM_NL__2PRFIN20030904_033544_000000392019_00333_07902_9088.N1	04-SEP-2003 03:35:44	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	7902	No
72	GOM_NL__2PRFIN20030904_033728_000000882019_00333_07902_9089.N1	04-SEP-2003 03:37:28	Bright	87.500	73	57Gam1And	2.2600	13100.	175	7902	No
73	GOM_NL__2PRFIN20030904_034220_000000392019_00333_07902_9090.N1	04-SEP-2003 03:42:20	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	7902	No
74	GOM_NL__2PRFIN20030904_034343_000000532019_00333_07902_9091.N1	04-SEP-2003 03:43:43	Bright	53.000	82	48Bet UMa	2.3650	10600.	106	7902	No
75	GOM_NL__2PRFIN20030904_034737_000000632019_00333_07902_9092.N1	04-SEP-2003 03:47:37	Bright	62.500	6	13Alp Aur	0.080000	3400.0	125	7902	No
76	GOM_NL__2PRFIN20030904_035131_000000512019_00333_07902_9093.N1	04-SEP-2003 03:51:31	Bright	50.500	107	37The Aur	2.6490	11000.	101	7902	No
77	GOM_NL__2PRFIN20030904_035353_000000422019_00333_07902_9094.N1	04-SEP-2003 03:53:53	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	7902	No
78	GOM_NL__2PRFIN20030904_035532_000000702019_00333_07902_9095.N1	04-SEP-2003 03:55:32	Twl_and_stray	69.500	28	12Bet Tau	1.6500	15200.	139	7902	No
79	GOM_NL__2PRFIN20030904_035840_000000532019_00333_07902_9096.N1	04-SEP-2003 03:58:40	Twl_and_stray	52.500	44	24Gam Gem	1.9280	11000.	105	7902	No
80	GOM_NL__2PRFIN20030904_040038_000000442019_00333_07902_9097.N1	04-SEP-2003 04:00:38	Twilight	43.500	8	10Alp CMi	0.40000	6500.0	87	7902	No
81	GOM_NL__2PRFIN20030904_040334_000000812019_00333_07902_9098.N1	04-SEP-2003 04:03:34	Dark	80.500	14	58Alp Ori	0.87000	3000.0	161	7902	No
82	GOM_NL__2PRFIN20030904_040830_000000532019_00333_07902_9099.N1	04-SEP-2003 04:08:30	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	7902	No
83	GOM_NL__2PRFIN20030904_041012_000000482019_00333_07902_9100.N1	04-SEP-2003 04:10:12	Dark	47.500	37	25Del CMa	1.8300	5900.0	95	7902	No
84	GOM_NL__2PRFIN20030904_041231_000000422019_00333_07902_9101.N1	04-SEP-2003 04:12:31	Dark	41.500	70	Zet Pup	2.2460	39000.	83	7902	No
85	GOM_NL__2PRFIN20030904_041424_000000442019_00333_07902_9102.N1	04-SEP-2003 04:14:24	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	7902	No
86	GOM_NL__2PRFIN20030904_041753_000000512019_00333_07902_9103.N1	04-SEP-2003 04:17:53	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	7902	No
87	GOM_NL__2PRFIN20030904_042806_000000382019_00334_07903_9073.N1	04-SEP-2003 04:28:06	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	7903	No
88	GOM_NL__2PRFIN20030904_042934_000000472019_00334_07903_9074.N1	04-SEP-2003 04:29:34	Dark	46.500	9	Alp Eri	0.45300	24000.	93	7903	No
89	GOM_NL__2PRFIN20030904_043341_000000402019_00334_07903_9075.N1	04-SEP-2003 04:33:41	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	7903	No
90	GOM_NL__2PRFIN20030904_043531_000000502019_00334_07903_9076.N1	04-SEP-2003 04:35:31	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	7903	No
91	GOM_NL__2PRFIN20030904_043721_000000422019_00334_07903_9077.N1	04-SEP-2003 04:37:21	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	7903	No
92	GOM_NL__2PRFIN20030904_044127_000000462019_00334_07903_9078.N1	04-SEP-2003 04:41:27	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	7903	No
93	GOM_NL__2PRFIN20030904_044549_000000512019_00334_07903_9079.N1	04-SEP-2003 04:45:49	Dark	50.500	1014	Mars	0.0000	0.0000	101	7903	Yes
94	GOM_NL__2PRFIN20030904_044918_000000402019_00334_07903_9080.N1	04-SEP-2003 04:49:18	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	7903	No
95	GOM_NL__2PRFIN20030904_045041_000000422019_00334_07903_9081.N1	04-SEP-2003 04:50:41	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	7903	No
96	GOM_NL__2PRFIN20030904_045341_000000412019_00334_07903_9082.N1	04-SEP-2003 04:53:41	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	7903	No
97	GOM_NL__2PRFIN20030904_045618_000000482019_00334_07903_9083.N1	04-SEP-2003 04:56:18	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	7903	No
98	GOM_NL__2PRFIN20030904_050036_000000402019_00334_07903_9084.N1	04-SEP-2003 05:00:36	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	7903	No
99	GOM_NL__2PRFIN20030904_050232_000000392019_00334_07903_9085.N1	04-SEP-2003 05:02:32	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	7903	No
100	GOM_NL__2PRFIN20030904_050347_000000402019_00334_07903_9086.N1	04-SEP-2003 05:03:47	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	7903	No
101	GOM_NL__2PRFIN20030904_050840_000000382019_00334_07903_9087.N1	04-SEP-2003 05:08:40	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	7903	No

102	GOM_NL__2PRFIN20030904_051107_000000442019_00334_07903_9088.N1	04-SEP-2003 05:11:07	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	7903	No
103	GOM_NL__2PRFIN20030904_051312_000000472019_00334_07903_9089.N1	04-SEP-2003 05:13:12	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	7903	No
104	GOM_NL__2PRFIN20030904_051621_000000362019_00334_07903_9090.N1	04-SEP-2003 05:16:21	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	7903	No
105	GOM_NL__2PRFIN20030904_051803_000000892019_00334_07903_9091.N1	04-SEP-2003 05:18:03	Bright	89.000	73	57Gam1And	2.2600	13100.	178	7903	No
106	GOM_NL__2PRFIN20030904_052257_000000382019_00334_07903_9092.N1	04-SEP-2003 05:22:57	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	7903	No
107	GOM_NL__2PRFIN20030904_052419_000000372019_00334_07903_9093.N1	04-SEP-2003 05:24:19	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	7903	No
108	GOM_NL__2PRFIN20030904_052813_000000632019_00334_07903_9094.N1	04-SEP-2003 05:28:13	Bright	63.000	6	13Alp Aur	0.080000	3400.0	126	7903	No
109	GOM_NL__2PRFIN20030904_053207_000000512019_00334_07903_9095.N1	04-SEP-2003 05:32:07	Bright	50.500	107	37The Aur	2.6490	11000.	101	7903	No
110	GOM_NL__2PRFIN20030904_053429_000000422019_00334_07903_9096.N1	04-SEP-2003 05:34:29	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	7903	No
111	GOM_NL__2PRFIN20030904_053608_000000742019_00334_07903_9097.N1	04-SEP-2003 05:36:08	Twi_and_stray	73.500	28	12Bet Tau	1.6500	15200.	147	7903	No
112	GOM_NL__2PRFIN20030904_053916_000000562019_00334_07903_9098.N1	04-SEP-2003 05:39:16	Twi_and_stray	55.500	44	24Gam Gem	1.9280	11000.	111	7903	No
113	GOM_NL__2PRFIN20030904_054115_000000452019_00334_07903_9099.N1	04-SEP-2003 05:41:15	Twilight	44.500	8	10Alp CMi	0.40000	6500.0	89	7903	No
114	GOM_NL__2PRFIN20030904_054411_000000732019_00334_07903_9100.N1	04-SEP-2003 05:44:11	Dark	73.000	14	58Alp Ori	0.87000	3000.0	146	7903	No
115	GOM_NL__2PRFIN20030904_054907_000000552019_00334_07903_9101.N1	04-SEP-2003 05:49:07	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	7903	No
116	GOM_NL__2PRFIN20030904_055049_000000472019_00334_07903_9102.N1	04-SEP-2003 05:50:49	Dark	46.500	37	25Del CMa	1.8300	5900.0	93	7903	No
117	GOM_NL__2PRFIN20030904_055307_000000402019_00334_07903_9103.N1	04-SEP-2003 05:53:07	Dark	40.000	70	Zet Pup	2.2460	39000.	80	7903	No
118	GOM_NL__2PRFIN20030904_055501_000000412019_00334_07903_9104.N1	04-SEP-2003 05:55:01	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	7903	No
119	GOM_NL__2PRFIN20030904_055830_000000542019_00334_07903_9105.N1	04-SEP-2003 05:58:30	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7903	No
120	GOM_NL__2PRFIN20030904_060842_000000402019_00335_07904_9074.N1	04-SEP-2003 06:08:42	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	7904	No
121	GOM_NL__2PRFIN20030904_061010_000000482019_00335_07904_9075.N1	04-SEP-2003 06:10:10	Dark	47.500	9	Alp Eri	0.45300	24000.	95	7904	No
122	GOM_NL__2PRFIN20030904_061417_000000402019_00335_07904_9076.N1	04-SEP-2003 06:14:17	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	7904	No
123	GOM_NL__2PRFIN20030904_061607_000000552019_00335_07904_9077.N1	04-SEP-2003 06:16:07	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	7904	No
124	GOM_NL__2PRFIN20030904_061757_000000422019_00335_07904_9078.N1	04-SEP-2003 06:17:57	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	7904	No
125	GOM_NL__2PRFIN20030904_062203_000000502019_00335_07904_9079.N1	04-SEP-2003 06:22:03	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	7904	No
126	GOM_NL__2PRFIN20030904_062625_000000502019_00335_07904_9080.N1	04-SEP-2003 06:26:25	Dark	50.000	1014	Mars	0.0000	0.0000	100	7904	Yes
127	GOM_NL__2PRFIN20030904_062954_000000402019_00335_07904_9081.N1	04-SEP-2003 06:29:54	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	7904	No
128	GOM_NL__2PRFIN20030904_063117_000000422019_00335_07904_9082.N1	04-SEP-2003 06:31:17	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	7904	No
129	GOM_NL__2PRFIN20030904_063417_000000412019_00335_07904_9083.N1	04-SEP-2003 06:34:17	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	7904	No
130	GOM_NL__2PRFIN20030904_063654_000000472019_00335_07904_9084.N1	04-SEP-2003 06:36:54	Bright	47.000	90	54Alp Peg	2.4870	11000.	94	7904	No
131	GOM_NL__2PRFIN20030904_064113_000000392019_00335_07904_9085.N1	04-SEP-2003 06:41:13	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	7904	No
132	GOM_NL__2PRFIN20030904_064309_000000382019_00335_07904_9086.N1	04-SEP-2003 06:43:09	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	7904	No
133	GOM_NL__2PRFIN20030904_064423_000000392019_00335_07904_9087.N1	04-SEP-2003 06:44:23	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	7904	No
134	GOM_NL__2PRFIN20030904_064915_000000382019_00335_07904_9088.N1	04-SEP-2003 06:49:15	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	7904	No
135	GOM_NL__2PRFIN20030904_065142_000000432019_00335_07904_9089.N1	04-SEP-2003 06:51:42	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	7904	No
136	GOM_NL__2PRFIN20030904_065347_000000462019_00335_07904_9090.N1	04-SEP-2003 06:53:47	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	7904	No
137	GOM_NL__2PRFIN20030904_065657_000000382019_00335_07904_9091.N1	04-SEP-2003 06:56:57	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	7904	No
138	GOM_NL__2PRFIN20030904_065837_000000862019_00335_07904_9092.N1	04-SEP-2003 06:58:37	Bright	86.000	73	57Gam1And	2.2600	13100.	172	7904	No
139	GOM_NL__2PRFIN20030904_070333_000000392019_00335_07904_9093.N1	04-SEP-2003 07:03:33	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	7904	No
140	GOM_NL__2PRFIN20030904_070456_000000372019_00335_07904_9094.N1	04-SEP-2003 07:04:56	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	7904	No
141	GOM_NL__2PRFIN20030904_070849_000000602019_00335_07904_9095.N1	04-SEP-2003 07:08:49	Bright	59.500	6	13Alp Aur	0.080000	3400.0	119	7904	No
142	GOM_NL__2PRFIN20030904_071243_000000512019_00335_07904_9096.N1	04-SEP-2003 07:12:43	Bright	50.500	107	37The Aur	2.6490	11000.	101	7904	No
143	GOM_NL__2PRFIN20030904_071505_000000552019_00335_07904_9097.N1	04-SEP-2003 07:15:05	Bright	55.000	17	78Bet Gem	1.1610	4500.0	110	7904	No
144	GOM_NL__2PRFIN20030904_071645_000000762019_00335_07904_9098.N1	04-SEP-2003 07:16:45	Twi_and_stray	76.000	28	12Bet Tau	1.6500	15200.	152	7904	No
145	GOM_NL__2PRFIN20030904_071953_000000512019_00335_07904_9099.N1	04-SEP-2003 07:19:53	Twi_and_stray	50.500	44	24Gam Gem	1.9280	11000.	101	7904	No
146	GOM_NL__2PRFIN20030904_072152_000000522019_00335_07904_9100.N1	04-SEP-2003 07:21:52	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	7904	No
147	GOM_NL__2PRFIN20030904_072448_000000822019_00335_07904_9101.N1	04-SEP-2003 07:24:48	Dark	82.000	14	58Alp Ori	0.87000	3000.0	164	7904	No
148	GOM_NL__2PRFIN20030904_072944_000000552019_00335_07904_9102.N1	04-SEP-2003 07:29:44	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	7904	No
149	GOM_NL__2PRFIN20030904_073126_000000482019_00335_07904_9103.N1	04-SEP-2003 07:31:26	Dark	47.500	37	25Del CMa	1.8300	5900.0	95	7904	No
150	GOM_NL__2PRFIN20030904_073344_000000412019_00335_07904_9104.N1	04-SEP-2003 07:33:44	Dark	41.000	70	Zet Pup	2.2460	39000.	82	7904	No
151	GOM_NL__2PRFIN20030904_073537_000000422019_00335_07904_9105.N1	04-SEP-2003 07:35:37	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	7904	No
152	GOM_NL__2PRFIN20030904_073906_000000472019_00335_07904_9106.N1	04-SEP-2003 07:39:06	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	7904	No
153	GOM_NL__2PRFIN20030904_074919_000000392019_00336_07905_9076.N1	04-SEP-2003 07:49:19	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	7905	No
154	GOM_NL__2PRFIN20030904_075047_000000462019_00336_07905_9077.N1	04-SEP-2003 07:50:47	Dark	46.000	9	Alp Eri	0.45300	24000.	92	7905	No
155	GOM_NL__2PRFIN20030904_075453_000000412019_00336_07905_9078.N1	04-SEP-2003 07:54:53	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	7905	No
156	GOM_NL__2PRFIN20030904_075644_000000522019_00336_07905_9079.N1	04-SEP-2003 07:56:44	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	7905	No
157	GOM_NL__2PRFIN20030904_075833_000000402019_00336_07905_9080.N1	04-SEP-2003 07:58:33	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	7905	No
158	GOM_NL__2PRFIN20030904_080239_000000472019_00336_07905_9081.N1	04-SEP-2003 08:02:39	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	7905	No
159	GOM_NL__2PRFIN20030904_080701_000000562019_00336_07905_9082.N1	04-SEP-2003 08:07:01	Dark	55.500	1014	Mars	0.0000	0.0000	111	7905	Yes
160	GOM_NL__2PRFIN20030904_081029_000000412019_00336_07905_9083.N1	04-SEP-2003 08:10:29	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	7905	No

161	GOM_NL__2PRFIN20030904_081153_000000422019_00336_07905_9084.N1	04-SEP-2003 08:11:53	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	7905	No
162	GOM_NL__2PRFIN20030904_081452_000000412019_00336_07905_9085.N1	04-SEP-2003 08:14:52	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	7905	No
163	GOM_NL__2PRFIN20030904_081729_000000462019_00336_07905_9086.N1	04-SEP-2003 08:17:29	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	7905	No
164	GOM_NL__2PRFIN20030904_082148_000000382019_00336_07905_9087.N1	04-SEP-2003 08:21:48	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	7905	No
165	GOM_NL__2PRFIN20030904_082345_000000392019_00336_07905_9088.N1	04-SEP-2003 08:23:45	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	7905	No
166	GOM_NL__2PRFIN20030904_082459_000000382019_00336_07905_9089.N1	04-SEP-2003 08:24:59	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	7905	No
167	GOM_NL__2PRFIN20030904_082951_000000392019_00336_07905_9090.N1	04-SEP-2003 08:29:51	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7905	No
168	GOM_NL__2PRFIN20030904_083218_000000452019_00336_07905_9091.N1	04-SEP-2003 08:32:18	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	7905	No
169	GOM_NL__2PRFIN20030904_083422_000000472019_00336_07905_9092.N1	04-SEP-2003 08:34:22	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	7905	No
170	GOM_NL__2PRFIN20030904_083733_000000392019_00336_07905_9093.N1	04-SEP-2003 08:37:33	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	7905	No
171	GOM_NL__2PRFIN20030904_084128_000000592019_00336_07905_9094.N1	04-SEP-2003 08:41:28	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	7905	No
172	GOM_NL__2PRFIN20030904_084409_000000382019_00336_07905_9095.N1	04-SEP-2003 08:44:09	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	7905	No
173	GOM_NL__2PRFIN20030904_084532_000000352019_00336_07905_9096.N1	04-SEP-2003 08:45:32	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	7905	No
174	GOM_NL__2PRFIN20030904_084925_000000632019_00336_07905_9097.N1	04-SEP-2003 08:49:25	Bright	62.500	6	13Alp Aur	0.080000	3400.0	125	7905	No
175	GOM_NL__2PRFIN20030904_085319_000000482019_00336_07905_9098.N1	04-SEP-2003 08:53:19	Bright	47.500	107	37The Aur	2.6490	11000.	95	7905	No
176	GOM_NL__2PRFIN20030904_085541_000000412019_00336_07905_9099.N1	04-SEP-2003 08:55:41	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	7905	No
177	GOM_NL__2PRFIN20030904_085721_000000772019_00336_07905_9100.N1	04-SEP-2003 08:57:21	Twilight	76.500	28	12Bet Tau	1.6500	15200.	153	7905	No
178	GOM_NL__2PRFIN20030904_090029_000000552019_00336_07905_9101.N1	04-SEP-2003 09:00:29	Twilight	54.500	44	24Gam Gem	1.9280	11000.	109	7905	No
179	GOM_NL__2PRFIN20030904_090228_000000462019_00336_07905_9102.N1	04-SEP-2003 09:02:28	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	7905	No
180	GOM_NL__2PRFIN20030904_090525_000000842019_00336_07905_9103.N1	04-SEP-2003 09:05:25	Dark	84.000	14	58Alp Ori	0.87000	3000.0	168	7905	No
181	GOM_NL__2PRFIN20030904_091020_000000512019_00336_07905_9104.N1	04-SEP-2003 09:10:20	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	7905	No
182	GOM_NL__2PRFIN20030904_091142_000000482019_00336_07905_9105.N1	04-SEP-2003 09:11:42	Dark	48.000	47	2Bet CMa	1.9760	28000.	96	7905	No
183	GOM_NL__2PRFIN20030904_091420_000000392019_00336_07905_9106.N1	04-SEP-2003 09:14:20	Dark	38.500	70	Zet Pup	2.2460	39000.	77	7905	No
184	GOM_NL__2PRFIN20030904_091613_000000402019_00336_07905_9107.N1	04-SEP-2003 09:16:13	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	7905	No
185	GOM_NL__2PRFIN20030904_091943_000000502019_00336_07905_9108.N1	04-SEP-2003 09:19:43	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	7905	No
186	GOM_NL__2PRFIN20030904_092955_000000372019_00337_07906_9077.N1	04-SEP-2003 09:29:55	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	7906	No
187	GOM_NL__2PRFIN20030904_093124_000000572019_00337_07906_9078.N1	04-SEP-2003 09:31:24	Dark	56.500	9	Alp Eri	0.45300	24000.	113	7906	No
188	GOM_NL__2PRFIN20030904_093529_000000452019_00337_07906_9079.N1	04-SEP-2003 09:35:29	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	7906	No
189	GOM_NL__2PRFIN20030904_093720_000000542019_00337_07906_9080.N1	04-SEP-2003 09:37:20	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	7906	No
190	GOM_NL__2PRFIN20030904_093909_000000412019_00337_07906_9081.N1	04-SEP-2003 09:39:09	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	7906	No
191	GOM_NL__2PRFIN20030904_094316_000000492019_00337_07906_9082.N1	04-SEP-2003 09:43:16	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	7906	No
192	GOM_NL__2PRFIN20030904_094737_000000512019_00337_07906_9083.N1	04-SEP-2003 09:47:37	Dark	51.000	1014	Mars	0.0000	0.0000	102	7906	Yes
193	GOM_NL__2PRFIN20030904_095106_000000402019_00337_07906_9084.N1	04-SEP-2003 09:51:06	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	7906	No
194	GOM_NL__2PRFIN20030904_095229_000000422019_00337_07906_9085.N1	04-SEP-2003 09:52:29	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	7906	No
195	GOM_NL__2PRFIN20030904_095528_000000412019_00337_07906_9086.N1	04-SEP-2003 09:55:28	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	7906	No
196	GOM_NL__2PRFIN20030904_095805_000000472019_00337_07906_9087.N1	04-SEP-2003 09:58:05	Bright	46.500	90	54Alp Peg	2.4870	11000.	93	7906	No
197	GOM_NL__2PRFIN20030904_100225_000000382019_00337_07906_9088.N1	04-SEP-2003 10:02:25	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	7906	No
198	GOM_NL__2PRFIN20030904_100421_000000522019_00337_07906_9089.N1	04-SEP-2003 10:04:21	Bright	52.000	66	37Gam Cyg	2.2080	5900.0	104	7906	No
199	GOM_NL__2PRFIN20030904_100535_000000382019_00337_07906_9090.N1	04-SEP-2003 10:05:35	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	7906	No
200	GOM_NL__2PRFIN20030904_101027_000000372019_00337_07906_9091.N1	04-SEP-2003 10:10:27	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	7906	No
201	GOM_NL__2PRFIN20030904_101253_000000422019_00337_07906_9092.N1	04-SEP-2003 10:12:53	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	7906	No
202	GOM_NL__2PRFIN20030904_101458_000000462019_00337_07906_9093.N1	04-SEP-2003 10:14:58	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	7906	No
203	GOM_NL__2PRFIN20030904_101809_000000382019_00337_07906_9094.N1	04-SEP-2003 10:18:09	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	7906	No
204	GOM_NL__2PRFIN20030904_102203_000000592019_00337_07906_9095.N1	04-SEP-2003 10:22:03	Bright	58.500	160	23Gam Per	2.9300	4700.0	117	7906	No
205	GOM_NL__2PRFIN20030904_102446_000000352019_00337_07906_9096.N1	04-SEP-2003 10:24:46	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	7906	No
206	GOM_NL__2PRFIN20030904_102609_000000352019_00337_07906_9097.N1	04-SEP-2003 10:26:09	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	7906	No
207	GOM_NL__2PRFIN20030904_103000_000000572019_00337_07906_9098.N1	04-SEP-2003 10:30:00	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	7906	No
208	GOM_NL__2PRFIN20030904_103355_000000492019_00337_07906_9099.N1	04-SEP-2003 10:33:55	Bright	48.500	107	37The Aur	2.6490	11000.	97	7906	No
209	GOM_NL__2PRFIN20030904_103617_000000402019_00337_07906_9100.N1	04-SEP-2003 10:36:17	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	7906	No
210	GOM_NL__2PRFIN20030904_103757_000000772019_00337_07906_9101.N1	04-SEP-2003 10:37:57	Twilight	76.500	28	12Bet Tau	1.6500	15200.	153	7906	No
211	GOM_NL__2PRFIN20030904_104106_000000482019_00337_07906_9102.N1	04-SEP-2003 10:41:06	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	7906	No
212	GOM_NL__2PRFIN20030904_104304_000000432019_00337_07906_9103.N1	04-SEP-2003 10:43:04	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	7906	No
213	GOM_NL__2PRFIN20030904_104602_000000842019_00337_07906_9104.N1	04-SEP-2003 10:46:02	Dark	84.000	14	58Alp Ori	0.87000	3000.0	168	7906	No
214	GOM_NL__2PRFIN20030904_105057_000000542019_00337_07906_9105.N1	04-SEP-2003 10:50:57	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	7906	No
215	GOM_NL__2PRFIN20030904_105219_000000482019_00337_07906_9106.N1	04-SEP-2003 10:52:19	Dark	47.500	47	2Bet CMa	1.9760	28000.	95	7906	No
216	GOM_NL__2PRFIN20030904_105456_000000412019_00337_07906_9107.N1	04-SEP-2003 10:54:56	Dark	41.000	70	Zet Pup	2.2460	39000.	82	7906	No
217	GOM_NL__2PRFIN20030904_105649_000000422019_00337_07906_9108.N1	04-SEP-2003 10:56:49	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	7906	No
218	GOM_NL__2PRFIN20030904_110019_000000512019_00337_07906_9109.N1	04-SEP-2003 11:00:19	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	7906	No
219	GOM_NL__2PRFIN20030904_111031_000000392019_00338_07907_9078.N1	04-SEP-2003 11:10:31	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	7907	No

220	GOM_NL__2PRFIN20030904_111201_000000472019_00338_07907_9079.N1	04-SEP-2003 11:12:01	Dark	47.000	9	Alp Eri	0.45300	24000.	94	7907	No
221	GOM_NL__2PRFIN20030904_111606_000000392019_00338_07907_9080.N1	04-SEP-2003 11:16:06	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	7907	No
222	GOM_NL__2PRFIN20030904_111757_000000492019_00338_07907_9081.N1	04-SEP-2003 11:17:57	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	7907	No
223	GOM_NL__2PRFIN20030904_111946_000000402019_00338_07907_9082.N1	04-SEP-2003 11:19:46	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	7907	No
224	GOM_NL__2PRFIN20030904_112352_000000492019_00338_07907_9083.N1	04-SEP-2003 11:23:52	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	7907	No
225	GOM_NL__2PRFIN20030904_112814_000000492019_00338_07907_9084.N1	04-SEP-2003 11:28:14	Dark	49.000	1014	Mars	0.0000	0.0000	98	7907	Yes
226	GOM_NL__2PRFIN20030904_113143_000000372019_00338_07907_9085.N1	04-SEP-2003 11:31:43	Bright	37.000	154	22Bet Aqr	2.8990	5700.0	74	7907	No
227	GOM_NL__2PRFIN20030904_113306_000000412019_00338_07907_9086.N1	04-SEP-2003 11:33:06	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	7907	No
228	GOM_NL__2PRFIN20030904_113605_000000412019_00338_07907_9087.N1	04-SEP-2003 11:36:05	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	7907	No
229	GOM_NL__2PRFIN20030904_113840_000000462019_00338_07907_9088.N1	04-SEP-2003 11:38:40	Bright	46.000	90	54Alp Peg	2.4870	11000.	92	7907	No
230	GOM_NL__2PRFIN20030904_114302_000000402019_00338_07907_9089.N1	04-SEP-2003 11:43:02	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	7907	No
231	GOM_NL__2PRFIN20030904_114458_000000352019_00338_07907_9090.N1	04-SEP-2003 11:44:58	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	7907	No
232	GOM_NL__2PRFIN20030904_114612_000000362019_00338_07907_9091.N1	04-SEP-2003 11:46:12	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	7907	No
233	GOM_NL__2PRFIN20030904_115103_000000382019_00338_07907_9092.N1	04-SEP-2003 11:51:03	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	7907	No
234	GOM_NL__2PRFIN20030904_115328_000000452019_00338_07907_9093.N1	04-SEP-2003 11:53:28	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	7907	No
235	GOM_NL__2PRFIN20030904_115533_000000462019_00338_07907_9094.N1	04-SEP-2003 11:55:33	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	7907	No
236	GOM_NL__2PRFIN20030904_115845_000000372019_00338_07907_9095.N1	04-SEP-2003 11:58:45	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	7907	No
237	GOM_NL__2PRFIN20030904_120522_000000352019_00338_07907_9096.N1	04-SEP-2003 12:05:22	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	7907	No
238	GOM_NL__2PRFIN20030904_120645_000000472019_00338_07907_9097.N1	04-SEP-2003 12:06:45	Bright	46.500	82	48Bet UMa	2.3650	10600.	93	7907	No
239	GOM_NL__2PRFIN20030904_121036_000000602019_00338_07907_9098.N1	04-SEP-2003 12:10:36	Bright	59.500	6	13Alp Aur	0.080000	3400.0	119	7907	No
240	GOM_NL__2PRFIN20030904_121431_000000502019_00338_07907_9099.N1	04-SEP-2003 12:14:31	Bright	49.500	107	37The Aur	2.6490	11000.	99	7907	No
241	GOM_NL__2PRFIN20030904_121654_000000552019_00338_07907_9100.N1	04-SEP-2003 12:16:54	Bright	55.000	17	78Bet Gem	1.1610	4500.0	110	7907	No
242	GOM_NL__2PRFIN20030904_121833_000000742019_00338_07907_9101.N1	04-SEP-2003 12:18:33	Twilight	73.500	28	12Bet Tau	1.6500	15200.	147	7907	No
243	GOM_NL__2PRFIN20030904_122142_000000482019_00338_07907_9102.N1	04-SEP-2003 12:21:42	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	7907	No
244	GOM_NL__2PRFIN20030904_122341_000000422019_00338_07907_9103.N1	04-SEP-2003 12:23:41	Twilight	41.500	8	10Alp CMi	0.40000	6500.0	83	7907	No
245	GOM_NL__2PRFIN20030904_122639_000000722019_00338_07907_9104.N1	04-SEP-2003 12:26:39	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	7907	No
246	GOM_NL__2PRFIN20030904_123134_000000602019_00338_07907_9105.N1	04-SEP-2003 12:31:34	Dark	59.500	1	9Alp CMa	-1.4400	11000.	119	7907	No
247	GOM_NL__2PRFIN20030904_123256_000000512019_00338_07907_9106.N1	04-SEP-2003 12:32:56	Dark	51.000	47	2Bet CMa	1.9760	28000.	102	7907	No
248	GOM_NL__2PRFIN20030904_123532_000000392019_00338_07907_9107.N1	04-SEP-2003 12:35:32	Dark	38.500	70	Zet Pup	2.2460	39000.	77	7907	No
249	GOM_NL__2PRFIN20030904_123726_000000372019_00338_07907_9108.N1	04-SEP-2003 12:37:26	Dark	37.000	34	Gam2Vel	1.7930	23000.	74	7907	No
250	GOM_NL__2PRFIN20030904_124056_000000542019_00338_07907_9109.N1	04-SEP-2003 12:40:56	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7907	No
251	GOM_NL__2PRFIN20030904_125107_000000392019_00339_07908_9079.N1	04-SEP-2003 12:51:07	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	7908	No
252	GOM_NL__2PRFIN20030904_125237_000000462019_00339_07908_9080.N1	04-SEP-2003 12:52:37	Dark	45.500	9	Alp Eri	0.45300	24000.	91	7908	No
253	GOM_NL__2PRFIN20030904_125642_000000412019_00339_07908_9081.N1	04-SEP-2003 12:56:42	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	7908	No
254	GOM_NL__2PRFIN20030904_125834_000000542019_00339_07908_9082.N1	04-SEP-2003 12:58:34	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	7908	No
255	GOM_NL__2PRFIN20030904_130022_000000382019_00339_07908_9083.N1	04-SEP-2003 13:00:22	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	7908	No
256	GOM_NL__2PRFIN20030904_130428_000000492019_00339_07908_9084.N1	04-SEP-2003 13:04:28	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	7908	No
257	GOM_NL__2PRFIN20030904_130850_000000502019_00339_07908_9085.N1	04-SEP-2003 13:08:50	Dark	50.000	1014	Mars	0.0000	0.0000	100	7908	Yes
258	GOM_NL__2PRFIN20030904_131219_000000382019_00339_07908_9086.N1	04-SEP-2003 13:12:19	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	7908	No
259	GOM_NL__2PRFIN20030904_131342_000000392019_00339_07908_9087.N1	04-SEP-2003 13:13:42	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	7908	No
260	GOM_NL__2PRFIN20030904_131642_000000382019_00339_07908_9088.N1	04-SEP-2003 13:16:42	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	7908	No
261	GOM_NL__2PRFIN20030904_131916_000000462019_00339_07908_9089.N1	04-SEP-2003 13:19:16	Bright	46.000	90	54Alp Peg	2.4870	11000.	92	7908	No
262	GOM_NL__2PRFIN20030904_132338_000000382019_00339_07908_9090.N1	04-SEP-2003 13:23:38	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	7908	No
263	GOM_NL__2PRFIN20030904_132534_000000372019_00339_07908_9091.N1	04-SEP-2003 13:25:34	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	7908	No
264	GOM_NL__2PRFIN20030904_132648_000000362019_00339_07908_9092.N1	04-SEP-2003 13:26:48	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	7908	No
265	GOM_NL__2PRFIN20030904_133139_000000392019_00339_07908_9093.N1	04-SEP-2003 13:31:39	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7908	No
266	GOM_NL__2PRFIN20030904_133404_000000452019_00339_07908_9094.N1	04-SEP-2003 13:34:04	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	7908	No
267	GOM_NL__2PRFIN20030904_133608_000000452019_00339_07908_9095.N1	04-SEP-2003 13:36:08	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	7908	No
268	GOM_NL__2PRFIN20030904_133921_000000372019_00339_07908_9096.N1	04-SEP-2003 13:39:21	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	7908	No
269	GOM_NL__2PRFIN20030904_134313_000000582019_00339_07908_9097.N1	04-SEP-2003 13:43:13	Bright	57.500	160	23Gam Per	2.9300	4700.0	115	7908	No
270	GOM_NL__2PRFIN20030904_134558_000000522019_00339_07908_9098.N1	04-SEP-2003 13:45:58	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	7908	No
271	GOM_NL__2PRFIN20030904_134721_000000362019_00339_07908_9099.N1	04-SEP-2003 13:47:21	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	7908	No
272	GOM_NL__2PRFIN20030904_135111_000000622019_00339_07908_9100.N1	04-SEP-2003 13:51:11	Bright	62.000	6	13Alp Aur	0.080000	3400.0	124	7908	No
273	GOM_NL__2PRFIN20030904_135507_000000492019_00339_07908_9101.N1	04-SEP-2003 13:55:07	Bright	49.000	107	37The Aur	2.6490	11000.	98	7908	No
274	GOM_NL__2PRFIN20030904_135730_000000352019_00339_07908_9102.N1	04-SEP-2003 13:57:30	Bright	34.500	17	78Bet Gem	1.1610	4500.0	69	7908	No
275	GOM_NL__2PRFIN20030904_135910_000000732019_00339_07908_9103.N1	04-SEP-2003 13:59:10	Twilight	72.500	28	12Bet Tau	1.6500	15200.	145	7908	No
276	GOM_NL__2PRFIN20030904_140219_000000512019_00339_07908_9104.N1	04-SEP-2003 14:02:19	Twilight	51.000	44	24Gam Gem	1.9280	11000.	102	7908	No
277	GOM_NL__2PRFIN20030904_140417_000000522019_00339_07908_9105.N1	04-SEP-2003 14:04:17	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	7908	No
278	GOM_NL__2PRFIN20030904_140716_000000772019_00339_07908_9106.N1	04-SEP-2003 14:07:16	Dark	76.500	14	58Alp Ori	0.87000	3000.0	153	7908	No

279	GOM_NL__2PRFIN20030904_141211_000000522019_00339_07908_9107.N1	04-SEP-2003 14:12:11	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	7908	No
280	GOM_NL__2PRFIN20030904_141333_000000512019_00339_07908_9108.N1	04-SEP-2003 14:13:33	Dark	50.500	47	2Bet CMa	1.9760	28000.	101	7908	No
281	GOM_NL__2PRFIN20030904_141609_000000412019_00339_07908_9109.N1	04-SEP-2003 14:16:09	Dark	40.500	70	Zet Pup	2.2460	39000.	81	7908	No
282	GOM_NL__2PRFIN20030904_141802_000000412019_00339_07908_9110.N1	04-SEP-2003 14:18:02	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	7908	No
283	GOM_NL__2PRFIN20030904_142133_000000522019_00339_07908_9111.N1	04-SEP-2003 14:21:33	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	7908	No
284	GOM_NL__2PRFIN20030904_143144_000000372019_00340_07909_8894.N1	04-SEP-2003 14:31:44	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	7909	No
285	GOM_NL__2PRFIN20030904_143314_000000472019_00340_07909_8895.N1	04-SEP-2003 14:33:14	Dark	46.500	9	Alp Eri	0.45300	24000.	93	7909	No
286	GOM_NL__2PRFIN20030904_143718_000000452019_00340_07909_8896.N1	04-SEP-2003 14:37:18	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	7909	No
287	GOM_NL__2PRFIN20030904_143910_000000512019_00340_07909_8897.N1	04-SEP-2003 14:39:10	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	7909	No
288	GOM_NL__2PRFIN20030904_144059_000000432019_00340_07909_8898.N1	04-SEP-2003 14:40:59	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	7909	No
289	GOM_NL__2PRFIN20030904_144505_000000472019_00340_07909_8899.N1	04-SEP-2003 14:45:05	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	7909	No
290	GOM_NL__2PRFIN20030904_144926_000000522019_00340_07909_8900.N1	04-SEP-2003 14:49:26	Dark	52.000	1014	Mars	0.0000	0.0000	104	7909	Yes
291	GOM_NL__2PRFIN20030904_145255_000000382019_00340_07909_8901.N1	04-SEP-2003 14:52:55	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	7909	No
292	GOM_NL__2PRFIN20030904_145418_000000402019_00340_07909_8902.N1	04-SEP-2003 14:54:18	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	7909	No
293	GOM_NL__2PRFIN20030904_145718_000000392019_00340_07909_8903.N1	04-SEP-2003 14:57:18	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	7909	No
294	GOM_NL__2PRFIN20030904_145952_000000452019_00340_07909_8904.N1	04-SEP-2003 14:59:52	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	7909	No
295	GOM_NL__2PRFIN20030904_150413_000000382019_00340_07909_8905.N1	04-SEP-2003 15:04:13	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	7909	No
296	GOM_NL__2PRFIN20030904_150609_000000362019_00340_07909_8906.N1	04-SEP-2003 15:06:09	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	7909	No
297	GOM_NL__2PRFIN20030904_150723_000000352019_00340_07909_8907.N1	04-SEP-2003 15:07:23	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	7909	No
298	GOM_NL__2PRFIN20030904_151215_000000382019_00340_07909_8908.N1	04-SEP-2003 15:12:15	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	7909	No
299	GOM_NL__2PRFIN20030904_151439_000000452019_00340_07909_8909.N1	04-SEP-2003 15:14:39	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	7909	No
300	GOM_NL__2PRFIN20030904_151643_000000432019_00340_07909_8910.N1	04-SEP-2003 15:16:43	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	7909	No
301	GOM_NL__2PRFIN20030904_151956_000000392019_00340_07909_8911.N1	04-SEP-2003 15:19:56	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	7909	No
302	GOM_NL__2PRFIN20030904_152347_000000602019_00340_07909_8912.N1	04-SEP-2003 15:23:47	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	7909	No
303	GOM_NL__2PRFIN20030904_152633_000000362019_00340_07909_8913.N1	04-SEP-2003 15:26:33	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	7909	No
304	GOM_NL__2PRFIN20030904_152754_000000392019_00340_07909_8914.N1	04-SEP-2003 15:27:54	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	7909	No
305	GOM_NL__2PRFIN20030904_153146_000000632019_00340_07909_8915.N1	04-SEP-2003 15:31:46	Bright	62.500	6	13Alp Aur	0.080000	3400.0	125	7909	No
306	GOM_NL__2PRFIN20030904_153542_000000512019_00340_07909_8916.N1	04-SEP-2003 15:35:42	Bright	51.000	107	37The Aur	2.6490	11000.	102	7909	No
307	GOM_NL__2PRFIN20030904_153805_000000382019_00340_07909_8917.N1	04-SEP-2003 15:38:05	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	7909	No
308	GOM_NL__2PRFIN20030904_153945_000000762019_00340_07909_8918.N1	04-SEP-2003 15:39:45	Tw_i_and_stray	75.500	28	12Bet Tau	1.6500	15200.	151	7909	No
309	GOM_NL__2PRFIN20030904_154254_000000552019_00340_07909_8919.N1	04-SEP-2003 15:42:54	Tw_i_and_stray	55.000	44	24Gam Gem	1.9280	11000.	110	7909	No
310	GOM_NL__2PRFIN20030904_154453_000000502019_00340_07909_8920.N1	04-SEP-2003 15:44:53	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	7909	No
311	GOM_NL__2PRFIN20030904_154752_000000842019_00340_07909_8921.N1	04-SEP-2003 15:47:52	Dark	84.000	14	58Alp Ori	0.87000	3000.0	168	7909	No
312	GOM_NL__2PRFIN20030904_155246_000000602019_00340_07909_8922.N1	04-SEP-2003 15:52:46	Dark	60.000	1	9Alp CMa	-1.4400	11000.	120	7909	No
313	GOM_NL__2PRFIN20030904_155408_000000552019_00340_07909_8923.N1	04-SEP-2003 15:54:08	Dark	54.500	47	2Bet CMa	1.9760	28000.	109	7909	No
314	GOM_NL__2PRFIN20030904_155643_000000422019_00340_07909_8924.N1	04-SEP-2003 15:56:43	Dark	42.000	70	Zet Pup	2.2460	39000.	84	7909	No
315	GOM_NL__2PRFIN20030904_155837_000000422019_00340_07909_8925.N1	04-SEP-2003 15:58:37	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	7909	No
316	GOM_NL__2PRFIN20030904_160208_000000522019_00340_07909_8926.N1	04-SEP-2003 16:02:08	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	7909	No
317	GOM_NL__2PRFIN20030904_161216_000000442019_00341_07910_8914.N1	04-SEP-2003 16:12:16	Dark	44.000	135	Bet Hyi	2.8200	5800.0	88	7910	No
318	GOM_NL__2PRFIN20030904_161350_000000482019_00341_07910_8915.N1	04-SEP-2003 16:13:50	Dark	47.500	9	Alp Eri	0.45300	24000.	95	7910	No
319	GOM_NL__2PRFIN20030904_161751_000000422019_00341_07910_8916.N1	04-SEP-2003 16:17:51	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	7910	No
320	GOM_NL__2PRFIN20030904_161946_000000522019_00341_07910_8917.N1	04-SEP-2003 16:19:46	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	7910	No
321	GOM_NL__2PRFIN20030904_162133_000000422019_00341_07910_8918.N1	04-SEP-2003 16:21:33	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	7910	No
322	GOM_NL__2PRFIN20030904_162539_000000482019_00341_07910_8919.N1	04-SEP-2003 16:25:39	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	7910	No
323	GOM_NL__2PRFIN20030904_163001_000000512019_00341_07910_8920.N1	04-SEP-2003 16:30:01	Dark	50.500	1014	Mars	0.0000	0.0000	101	7910	Yes
324	GOM_NL__2PRFIN20030904_163328_000000432019_00341_07910_8921.N1	04-SEP-2003 16:33:28	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	7910	No
325	GOM_NL__2PRFIN20030904_163452_000000412019_00341_07910_8922.N1	04-SEP-2003 16:34:52	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	7910	No
326	GOM_NL__2PRFIN20030904_163753_000000402019_00341_07910_8923.N1	04-SEP-2003 16:37:53	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	7910	No
327	GOM_NL__2PRFIN20030904_164026_000000482019_00341_07910_8924.N1	04-SEP-2003 16:40:26	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	7910	No
328	GOM_NL__2PRFIN20030904_164447_000000432019_00341_07910_8925.N1	04-SEP-2003 16:44:47	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	7910	No
329	GOM_NL__2PRFIN20030904_164645_000000402019_00341_07910_8926.N1	04-SEP-2003 16:46:45	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	7910	No
330	GOM_NL__2PRFIN20030904_164757_000000442019_00341_07910_8927.N1	04-SEP-2003 16:47:57	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	7910	No
331	GOM_NL__2PRFIN20030904_165249_000000372019_00341_07910_8928.N1	04-SEP-2003 16:52:49	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	7910	No
332	GOM_NL__2PRFIN20030904_165514_000000422019_00341_07910_8929.N1	04-SEP-2003 16:55:14	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	7910	No
333	GOM_NL__2PRFIN20030904_165718_000000482019_00341_07910_8930.N1	04-SEP-2003 16:57:18	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	7910	No
334	GOM_NL__2PRFIN20030904_170031_000000392019_00341_07910_8931.N1	04-SEP-2003 17:00:31	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	7910	No
335	GOM_NL__2PRFIN20030904_170422_000000582019_00341_07910_8932.N1	04-SEP-2003 17:04:22	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	7910	No
336	GOM_NL__2PRFIN20030904_170709_000000392019_00341_07910_8933.N1	04-SEP-2003 17:07:09	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	7910	No
337	GOM_NL__2PRFIN20030904_170832_000000372019_00341_07910_8934.N1	04-SEP-2003 17:08:32	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	7910	No

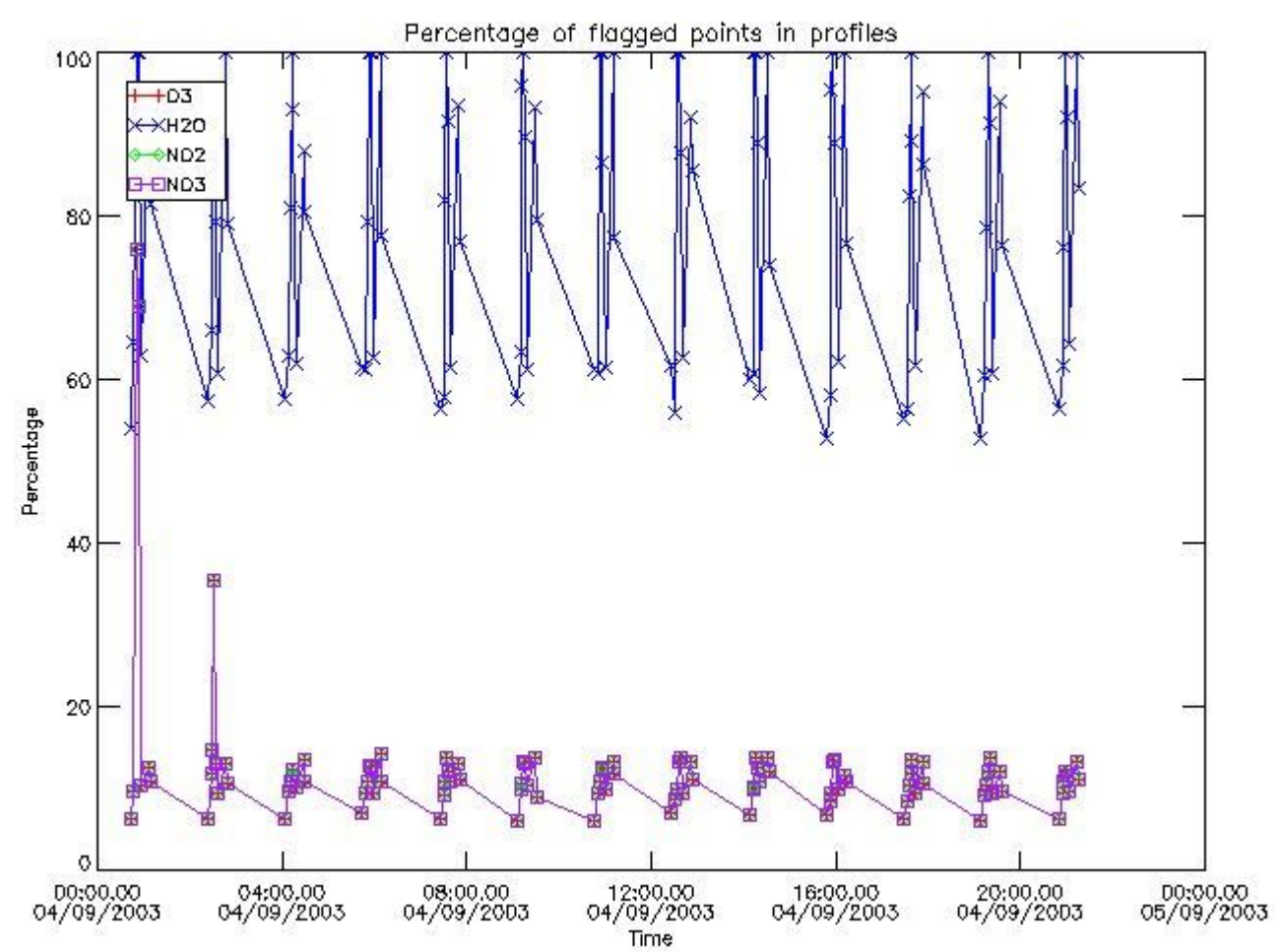
338	GOM_NL__2PRFIN20030904_171222_000000642019_00341_07910_8935.N1	04-SEP-2003 17:12:22	Bright	63.500	6	13Alp Aur	0.080000	3400.0	127	7910	No
339	GOM_NL__2PRFIN20030904_171618_000000512019_00341_07910_8936.N1	04-SEP-2003 17:16:18	Bright	51.000	107	37The Aur	2.6490	11000.	102	7910	No
340	GOM_NL__2PRFIN20030904_171841_000000402019_00341_07910_8937.N1	04-SEP-2003 17:18:41	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	7910	No
341	GOM_NL__2PRFIN20030904_172022_000000772019_00341_07910_8938.N1	04-SEP-2003 17:20:22	Tw_i_and_stray	77.000	28	12Bet Tau	1.6500	15200.	154	7910	No
342	GOM_NL__2PRFIN20030904_172331_000000572019_00341_07910_8939.N1	04-SEP-2003 17:23:31	Tw_i_and_stray	57.000	44	24Gam Gem	1.9280	11000.	114	7910	No
343	GOM_NL__2PRFIN20030904_172529_000000512019_00341_07910_8940.N1	04-SEP-2003 17:25:29	Twilight	51.000	8	10Alp CMi	0.400000	6500.0	102	7910	No
344	GOM_NL__2PRFIN20030904_172829_000000822019_00341_07910_8941.N1	04-SEP-2003 17:28:29	Dark	82.000	14	58Alp Ori	0.870000	3000.0	164	7910	No
345	GOM_NL__2PRFIN20030904_173322_000000602019_00341_07910_8942.N1	04-SEP-2003 17:33:22	Dark	60.000	1	9Alp CMa	-1.4400	11000.	120	7910	No
346	GOM_NL__2PRFIN20030904_173503_000000492019_00341_07910_8943.N1	04-SEP-2003 17:35:03	Dark	49.000	37	25Del CMa	1.8300	5900.0	98	7910	No
347	GOM_NL__2PRFIN20030904_173717_000000432019_00341_07910_8944.N1	04-SEP-2003 17:37:17	Dark	43.000	70	Zet Pup	2.2460	39000.	86	7910	No
348	GOM_NL__2PRFIN20030904_173913_000000382019_00341_07910_8945.N1	04-SEP-2003 17:39:13	Dark	37.500	34	Gam2Vel	1.7930	23000.	75	7910	No
349	GOM_NL__2PRFIN20030904_174244_000000542019_00341_07910_8946.N1	04-SEP-2003 17:42:44	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7910	No
350	GOM_NL__2PRFIN20030904_175252_000000432019_00342_07911_8914.N1	04-SEP-2003 17:52:52	Dark	42.500	135	Bet Hyi	2.8200	5800.0	85	7911	No
351	GOM_NL__2PRFIN20030904_175426_000000482019_00342_07911_8915.N1	04-SEP-2003 17:54:26	Dark	48.000	9	Alp Eri	0.45300	24000.	96	7911	No
352	GOM_NL__2PRFIN20030904_175829_000000402019_00342_07911_8916.N1	04-SEP-2003 17:58:29	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	7911	No
353	GOM_NL__2PRFIN20030904_180023_000000572019_00342_07911_8917.N1	04-SEP-2003 18:00:23	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	7911	No
354	GOM_NL__2PRFIN20030904_180209_000000402019_00342_07911_8918.N1	04-SEP-2003 18:02:09	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	7911	No
355	GOM_NL__2PRFIN20030904_180615_000000502019_00342_07911_8919.N1	04-SEP-2003 18:06:15	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	7911	No
356	GOM_NL__2PRFIN20030904_181036_000000542019_00342_07911_8920.N1	04-SEP-2003 18:10:36	Dark	54.000	1014	Mars	0.0000	0.0000	108	7911	Yes
357	GOM_NL__2PRFIN20030904_181405_000000402019_00342_07911_8921.N1	04-SEP-2003 18:14:05	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	7911	No
358	GOM_NL__2PRFIN20030904_181529_000000412019_00342_07911_8922.N1	04-SEP-2003 18:15:29	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	7911	No
359	GOM_NL__2PRFIN20030904_181828_000000402019_00342_07911_8923.N1	04-SEP-2003 18:18:28	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	7911	No
360	GOM_NL__2PRFIN20030904_182101_000000492019_00342_07911_8924.N1	04-SEP-2003 18:21:01	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	7911	No
361	GOM_NL__2PRFIN20030904_182525_000000402019_00342_07911_8925.N1	04-SEP-2003 18:25:25	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	7911	No
362	GOM_NL__2PRFIN20030904_182719_000000402019_00342_07911_8926.N1	04-SEP-2003 18:27:19	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	7911	No
363	GOM_NL__2PRFIN20030904_182835_000000402019_00342_07911_8927.N1	04-SEP-2003 18:28:35	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	7911	No
364	GOM_NL__2PRFIN20030904_183326_000000392019_00342_07911_8928.N1	04-SEP-2003 18:33:26	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7911	No
365	GOM_NL__2PRFIN20030904_183549_000000452019_00342_07911_8929.N1	04-SEP-2003 18:35:49	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	7911	No
366	GOM_NL__2PRFIN20030904_183753_000000472019_00342_07911_8930.N1	04-SEP-2003 18:37:53	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	7911	No
367	GOM_NL__2PRFIN20030904_184107_000000392019_00342_07911_8931.N1	04-SEP-2003 18:41:07	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	7911	No
368	GOM_NL__2PRFIN20030904_184457_000000582019_00342_07911_8932.N1	04-SEP-2003 18:44:57	Bright	57.500	160	23Gam Per	2.9300	4700.0	115	7911	No
369	GOM_NL__2PRFIN20030904_184743_000000382019_00342_07911_8933.N1	04-SEP-2003 18:47:43	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	7911	No
370	GOM_NL__2PRFIN20030904_184908_000000382019_00342_07911_8934.N1	04-SEP-2003 18:49:08	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	7911	No
371	GOM_NL__2PRFIN20030904_185258_000000632019_00342_07911_8935.N1	04-SEP-2003 18:52:58	Bright	63.000	6	13Alp Aur	0.080000	3400.0	126	7911	No
372	GOM_NL__2PRFIN20030904_185654_000000522019_00342_07911_8936.N1	04-SEP-2003 18:56:54	Bright	51.500	107	37The Aur	2.6490	11000.	103	7911	No
373	GOM_NL__2PRFIN20030904_185916_000000432019_00342_07911_8937.N1	04-SEP-2003 18:59:16	Bright	43.000	17	78Bet Gem	1.1610	4500.0	86	7911	No
374	GOM_NL__2PRFIN20030904_190058_000000782019_00342_07911_8938.N1	04-SEP-2003 19:00:58	Tw_i_and_stray	78.000	28	12Bet Tau	1.6500	15200.	156	7911	No
375	GOM_NL__2PRFIN20030904_190407_000000582019_00342_07911_8939.N1	04-SEP-2003 19:04:07	Tw_i_and_stray	57.500	44	24Gam Gem	1.9280	11000.	115	7911	No
376	GOM_NL__2PRFIN20030904_190605_000000552019_00342_07911_8940.N1	04-SEP-2003 19:06:05	Twilight	55.000	8	10Alp CMi	0.400000	6500.0	110	7911	No
377	GOM_NL__2PRFIN20030904_190906_000000852019_00342_07911_8941.N1	04-SEP-2003 19:09:06	Dark	85.000	14	58Alp Ori	0.870000	3000.0	170	7911	No
378	GOM_NL__2PRFIN20030904_191359_000000552019_00342_07911_8942.N1	04-SEP-2003 19:13:59	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	7911	No
379	GOM_NL__2PRFIN20030904_191540_000000502019_00342_07911_8943.N1	04-SEP-2003 19:15:40	Dark	49.500	37	25Del CMa	1.8300	5900.0	99	7911	No
380	GOM_NL__2PRFIN20030904_191756_000000422019_00342_07911_8944.N1	04-SEP-2003 19:17:56	Dark	42.000	70	Zet Pup	2.2460	39000.	84	7911	No
381	GOM_NL__2PRFIN20030904_191949_000000412019_00342_07911_8945.N1	04-SEP-2003 19:19:49	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	7911	No
382	GOM_NL__2PRFIN20030904_192321_000000542019_00342_07911_8946.N1	04-SEP-2003 19:23:21	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7911	No
383	GOM_NL__2PRFIN20030904_193328_000000422019_00343_07912_8917.N1	04-SEP-2003 19:33:28	Dark	42.000	135	Bet Hyi	2.8200	5800.0	84	7912	No
384	GOM_NL__2PRFIN20030904_193503_000000542019_00343_07912_8918.N1	04-SEP-2003 19:35:03	Dark	53.500	9	Alp Eri	0.45300	24000.	107	7912	No
385	GOM_NL__2PRFIN20030904_193906_000000482019_00343_07912_8919.N1	04-SEP-2003 19:39:06	Straylight	47.500	148	Alp Tuc	2.8780	4100.0	95	7912	No
386	GOM_NL__2PRFIN20030904_194059_000000592019_00343_07912_8920.N1	04-SEP-2003 19:40:59	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	7912	No
387	GOM_NL__2PRFIN20030904_194246_000000392019_00343_07912_8921.N1	04-SEP-2003 19:42:46	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	7912	No
388	GOM_NL__2PRFIN20030904_194652_000000492019_00343_07912_8922.N1	04-SEP-2003 19:46:52	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	7912	No
389	GOM_NL__2PRFIN20030904_195113_000000552019_00343_07912_8923.N1	04-SEP-2003 19:51:13	Dark	55.000	1014	Mars	0.0000	0.0000	110	7912	Yes
390	GOM_NL__2PRFIN20030904_195442_000000392019_00343_07912_8924.N1	04-SEP-2003 19:54:42	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	7912	No
391	GOM_NL__2PRFIN20030904_195606_000000412019_00343_07912_8925.N1	04-SEP-2003 19:56:06	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	7912	No
392	GOM_NL__2PRFIN20030904_195904_000000402019_00343_07912_8926.N1	04-SEP-2003 19:59:04	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	7912	No
393	GOM_NL__2PRFIN20030904_200137_000000482019_00343_07912_8927.N1	04-SEP-2003 20:01:37	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	7912	No
394	GOM_NL__2PRFIN20030904_200602_000000392019_00343_07912_8928.N1	04-SEP-2003 20:06:02	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	7912	No
395	GOM_NL__2PRFIN20030904_200758_000000362019_00343_07912_8929.N1	04-SEP-2003 20:07:58	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	7912	No
396	GOM_NL__2PRFIN20030904_200911_000000372019_00343_07912_8930.N1	04-SEP-2003 20:09:11	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	7912	No

397	GOM_NL__2PRFIN20030904_201402_000000392019_00343_07912_8931.N1	04-SEP-2003 20:14:02	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7912	No
398	GOM_NL__2PRFIN20030904_201624_000000472019_00343_07912_8932.N1	04-SEP-2003 20:16:24	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	7912	No
399	GOM_NL__2PRFIN20030904_201828_000000472019_00343_07912_8933.N1	04-SEP-2003 20:18:28	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	7912	No
400	GOM_NL__2PRFIN20030904_202144_000000382019_00343_07912_8934.N1	04-SEP-2003 20:21:44	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	7912	No
401	GOM_NL__2PRFIN20030904_202532_000000592019_00343_07912_8935.N1	04-SEP-2003 20:25:32	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	7912	No
402	GOM_NL__2PRFIN20030904_202822_000000392019_00343_07912_8936.N1	04-SEP-2003 20:28:22	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	7912	No
403	GOM_NL__2PRFIN20030904_202944_000000532019_00343_07912_8937.N1	04-SEP-2003 20:29:44	Bright	53.000	82	48Bet UMa	2.3650	10600.	106	7912	No
404	GOM_NL__2PRFIN20030904_203333_000000622019_00343_07912_8938.N1	04-SEP-2003 20:33:33	Bright	62.000	6	13Alp Aur	0.080000	3400.0	124	7912	No
405	GOM_NL__2PRFIN20030904_203730_000000532019_00343_07912_8939.N1	04-SEP-2003 20:37:30	Bright	52.500	107	37The Aur	2.6490	11000.	105	7912	No
406	GOM_NL__2PRFIN20030904_203952_000000442019_00343_07912_8940.N1	04-SEP-2003 20:39:52	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	7912	No
407	GOM_NL__2PRFIN20030904_204134_000000752019_00343_07912_8941.N1	04-SEP-2003 20:41:34	Twilight	74.500	28	12Bet Tau	1.6500	15200.	149	7912	No
408	GOM_NL__2PRFIN20030904_204443_000000522019_00343_07912_8942.N1	04-SEP-2003 20:44:43	Twilight	52.000	44	24Gam Gem	1.9280	11000.	104	7912	No
409	GOM_NL__2PRFIN20030904_204641_000000492019_00343_07912_8943.N1	04-SEP-2003 20:46:41	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	7912	No
410	GOM_NL__2PRFIN20030904_204942_000000822019_00343_07912_8944.N1	04-SEP-2003 20:49:42	Dark	82.000	14	58Alp Ori	0.87000	3000.0	164	7912	No
411	GOM_NL__2PRFIN20030904_205436_000000542019_00343_07912_8945.N1	04-SEP-2003 20:54:36	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	7912	No
412	GOM_NL__2PRFIN20030904_205617_000000472019_00343_07912_8946.N1	04-SEP-2003 20:56:17	Dark	46.500	37	25Del CMa	1.8300	5900.0	93	7912	No
413	GOM_NL__2PRFIN20030904_205832_000000422019_00343_07912_8947.N1	04-SEP-2003 20:58:32	Dark	42.000	70	Zet Pup	2.2460	39000.	84	7912	No
414	GOM_NL__2PRFIN20030904_210025_000000452019_00343_07912_8948.N1	04-SEP-2003 21:00:25	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	7912	No
415	GOM_NL__2PRFIN20030904_210358_000000532019_00343_07912_8949.N1	04-SEP-2003 21:03:58	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	7912	No
416	GOM_NL__2PRFIN20030904_211404_000000422019_00344_07913_8923.N1	04-SEP-2003 21:14:04	Dark	42.000	135	Bet Hyi	2.8200	5800.0	84	7913	No
417	GOM_NL__2PRFIN20030904_211539_000000462019_00344_07913_8924.N1	04-SEP-2003 21:15:39	Dark	45.500	9	Alp Eri	0.45300	24000.	91	7913	No
418	GOM_NL__2PRFIN20030904_211942_000000402019_00344_07913_8925.N1	04-SEP-2003 21:19:42	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	7913	No
419	GOM_NL__2PRFIN20030904_212136_000000532019_00344_07913_8926.N1	04-SEP-2003 21:21:36	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	7913	No
420	GOM_NL__2PRFIN20030904_212321_000000342019_00344_07913_8927.N1	04-SEP-2003 21:23:21	Straylight	33.500	31	Alp Gru	1.7340	15200.	67	7913	No

3. Quality information per product

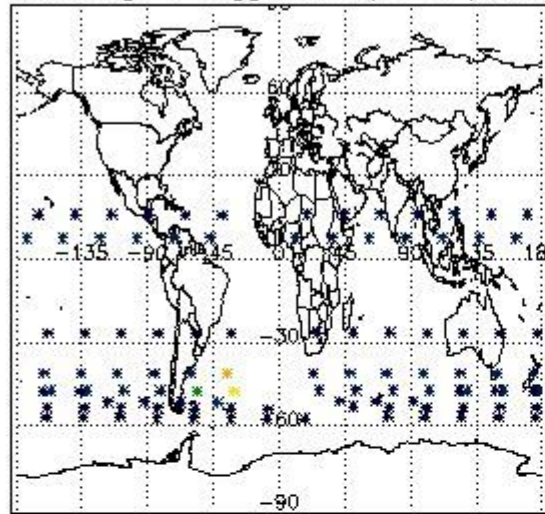
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

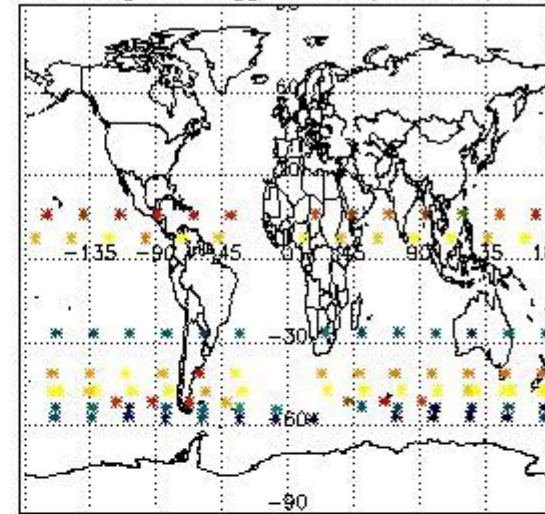


3.2 Plot quality information per product (world map)

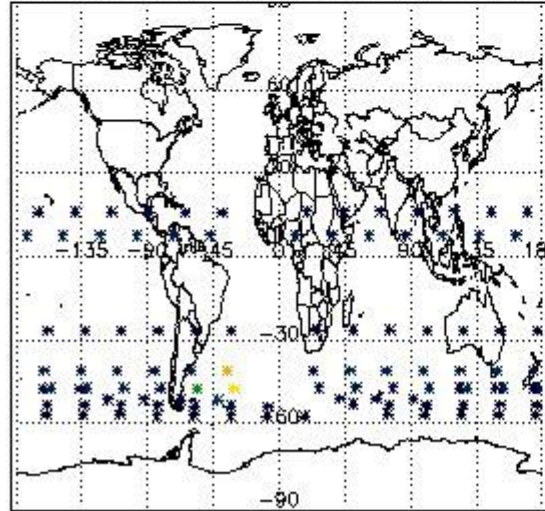
Percentage of flagged data per O3 profile



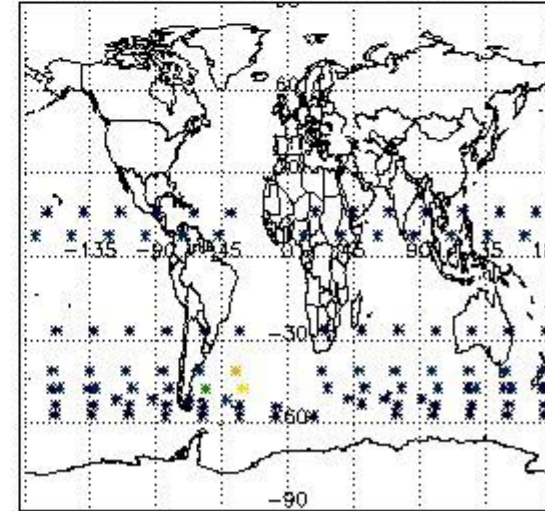
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

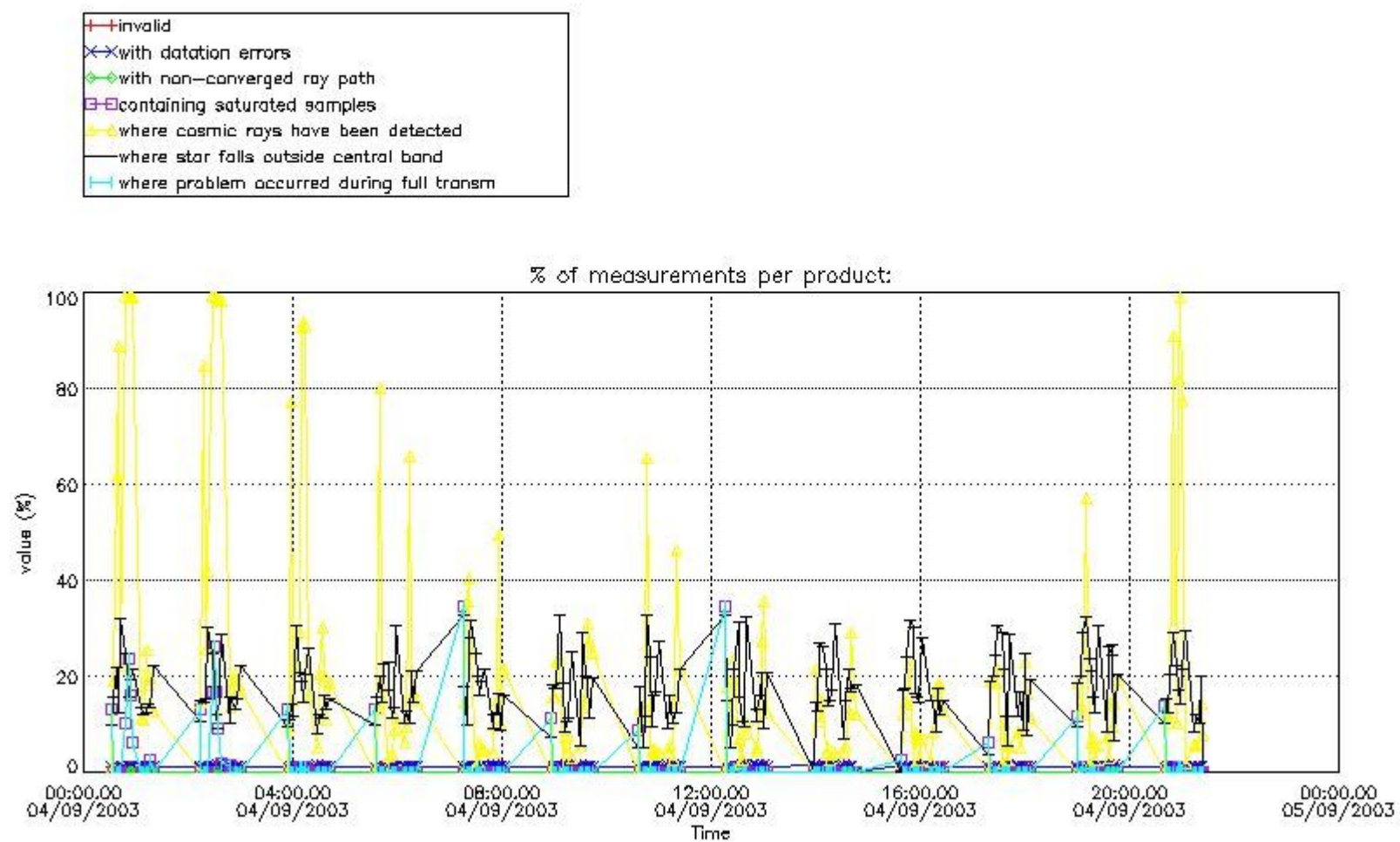


4. Level 1 quality information per product

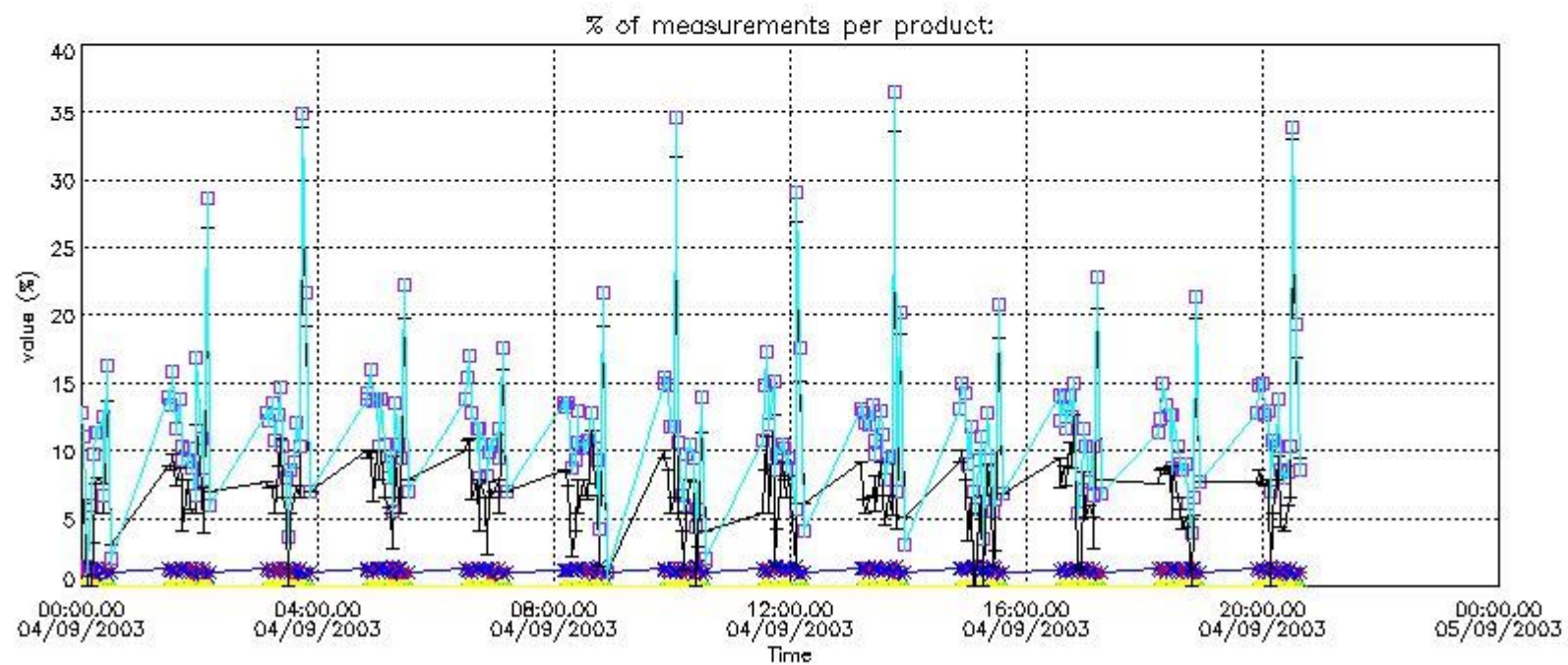
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

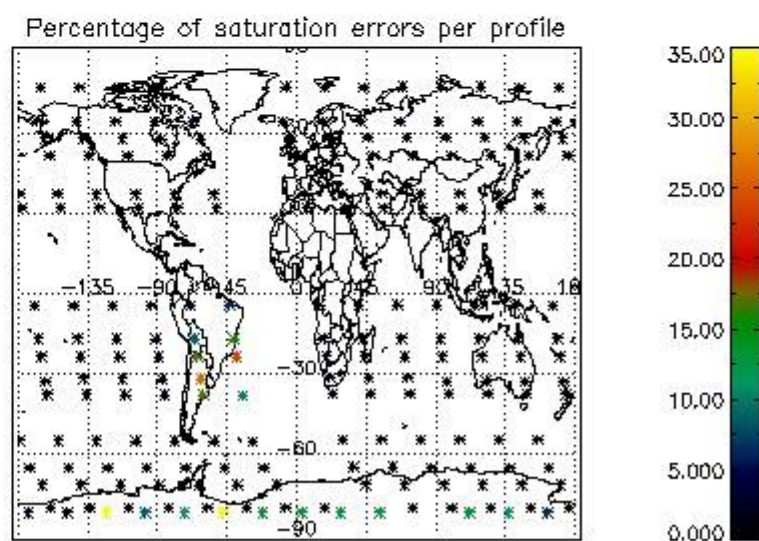
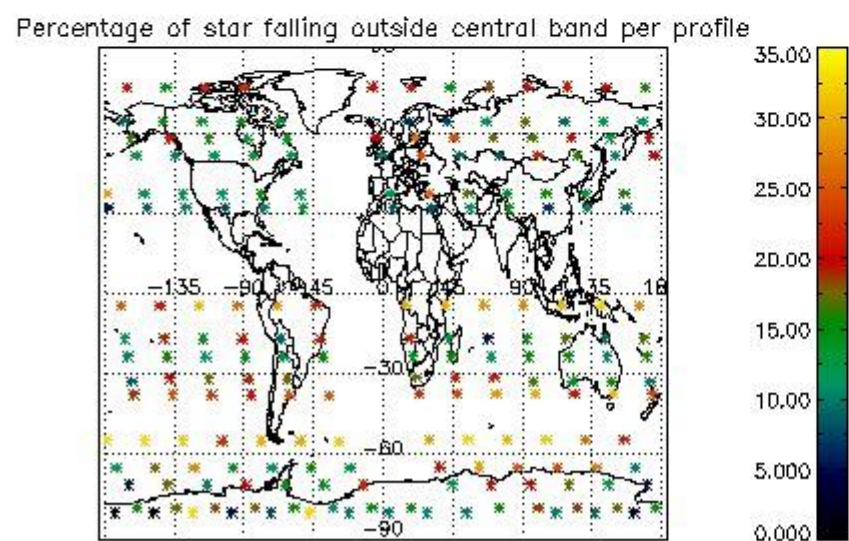
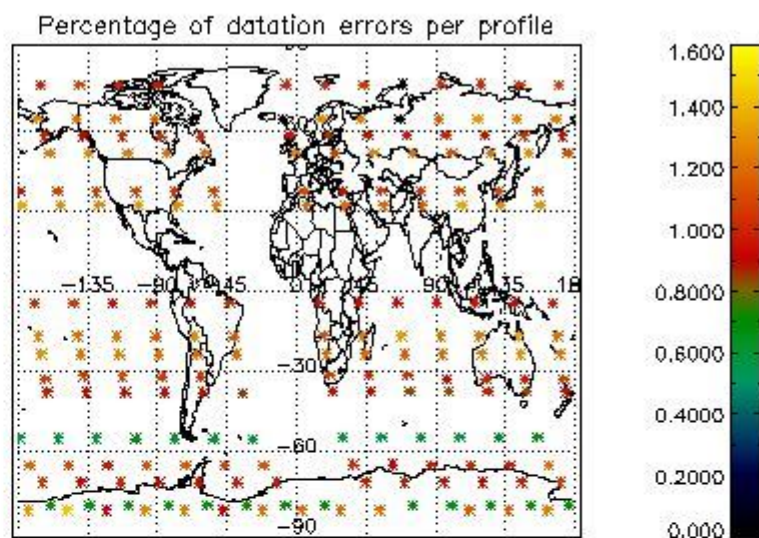
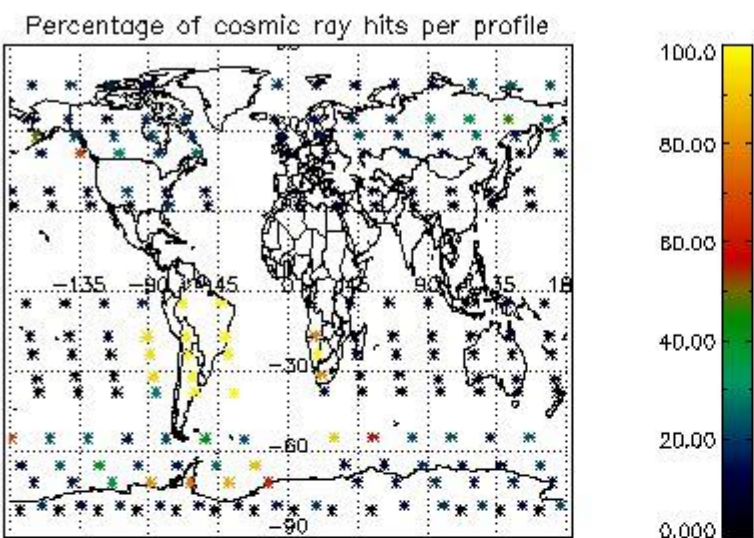


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

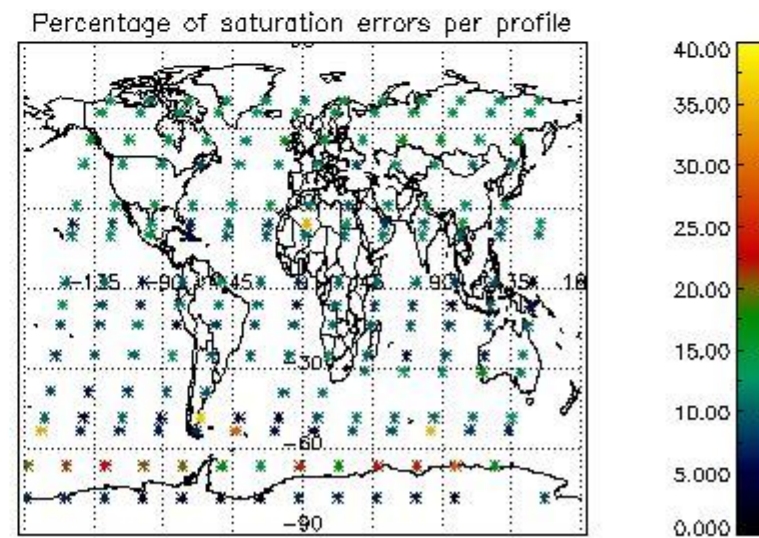
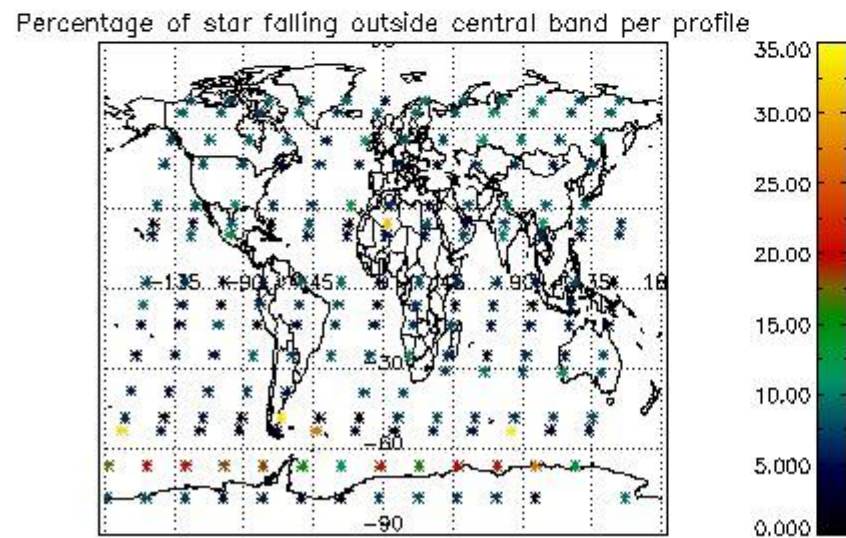
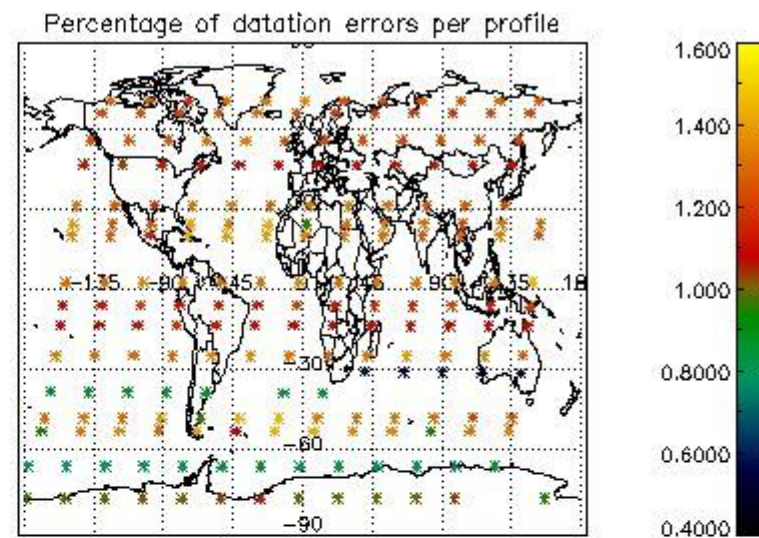
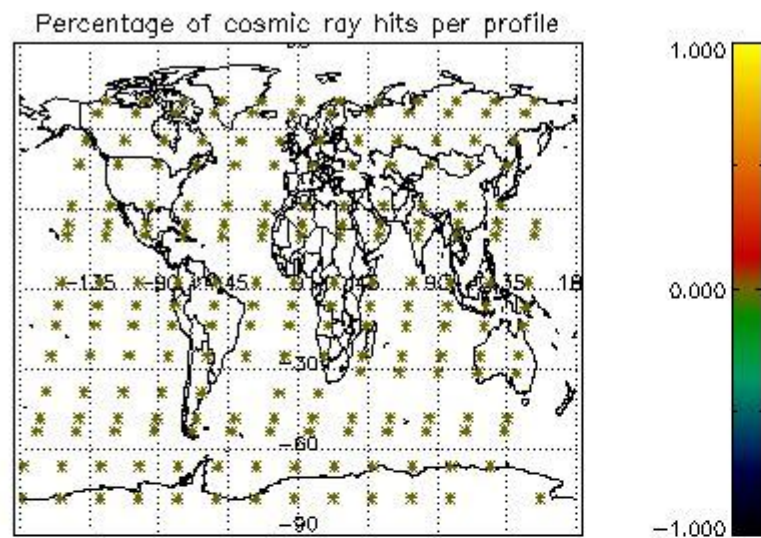


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

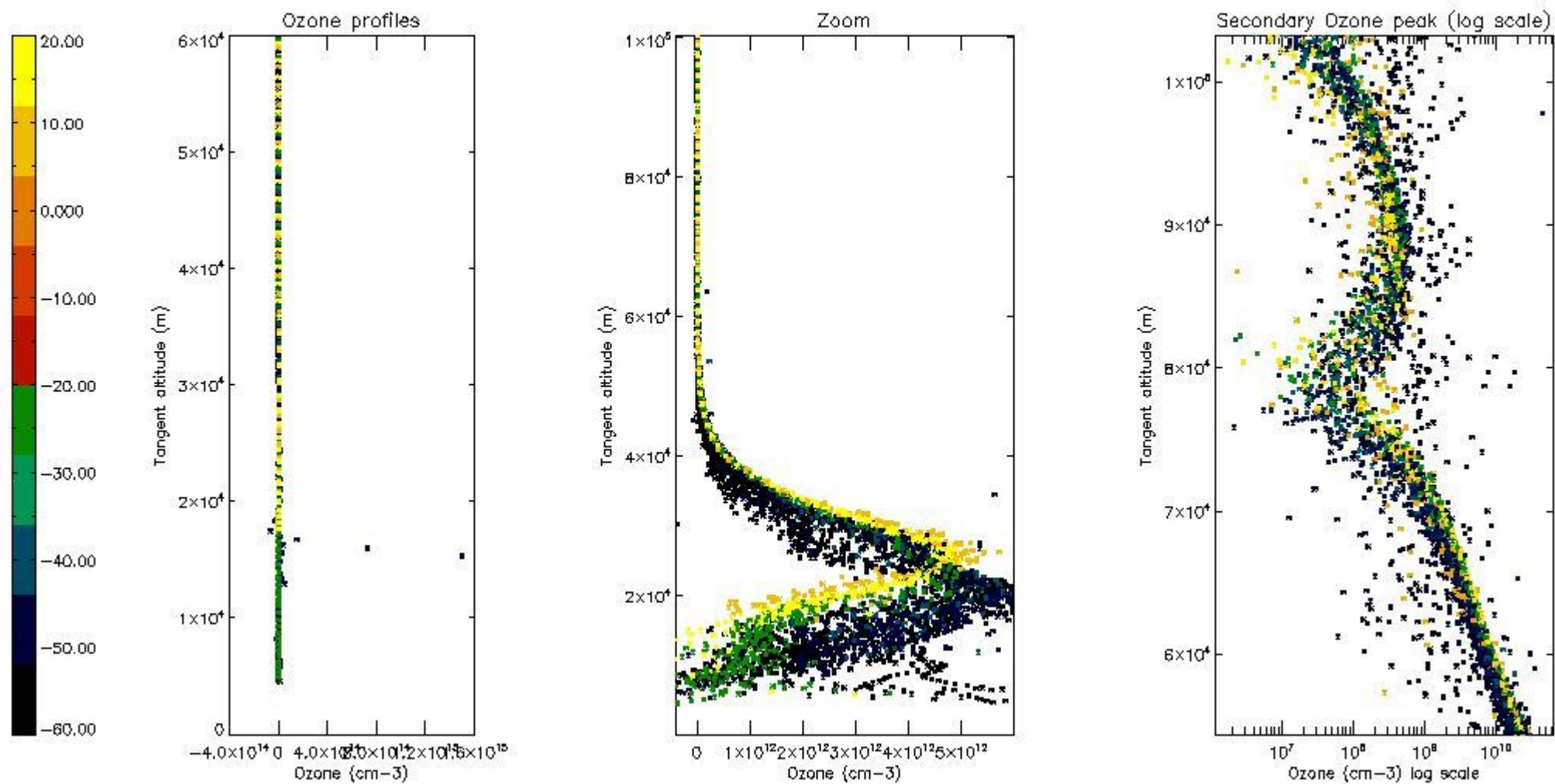
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	17

STD < 10	15
STD < 5	11

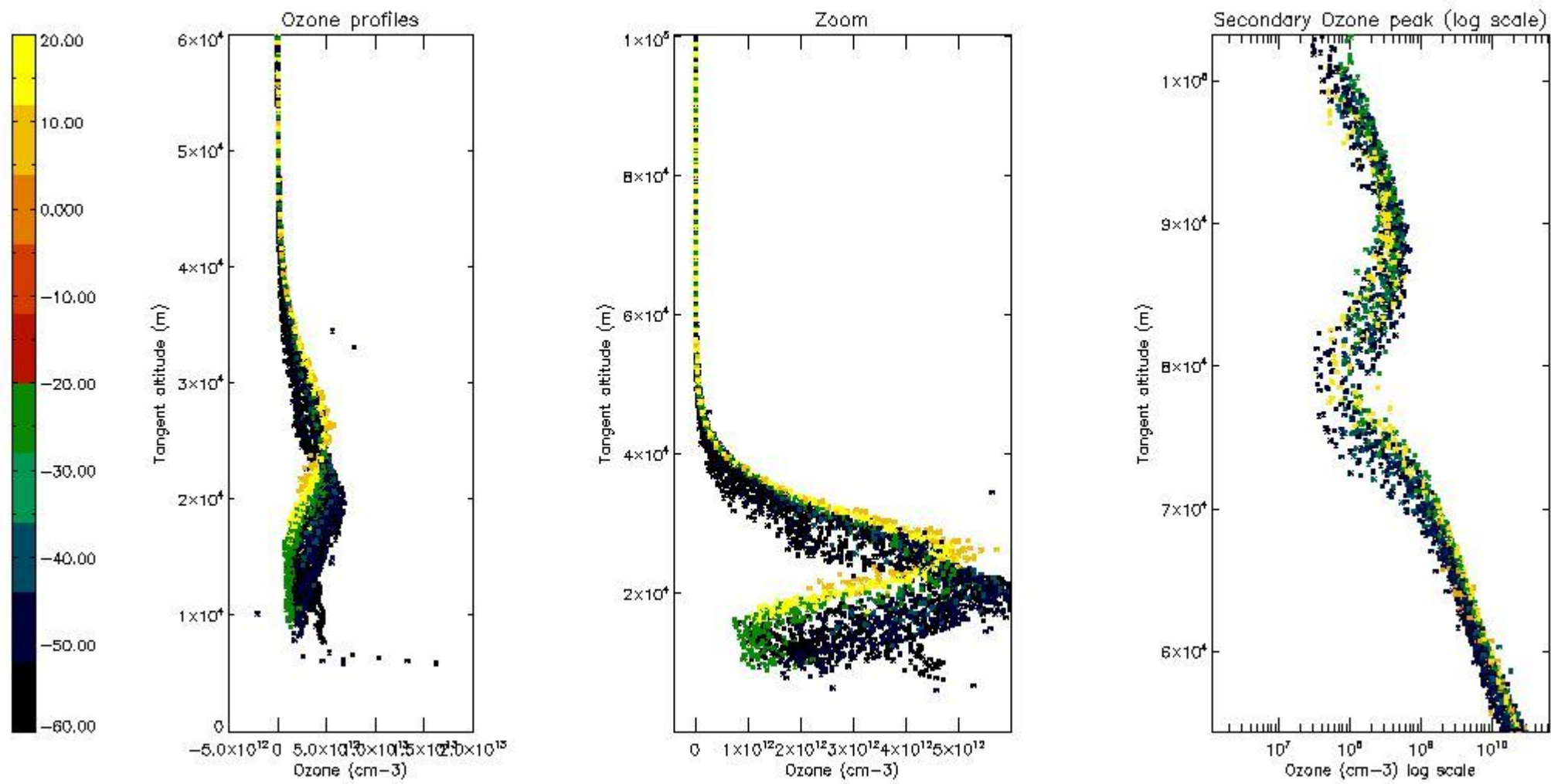
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



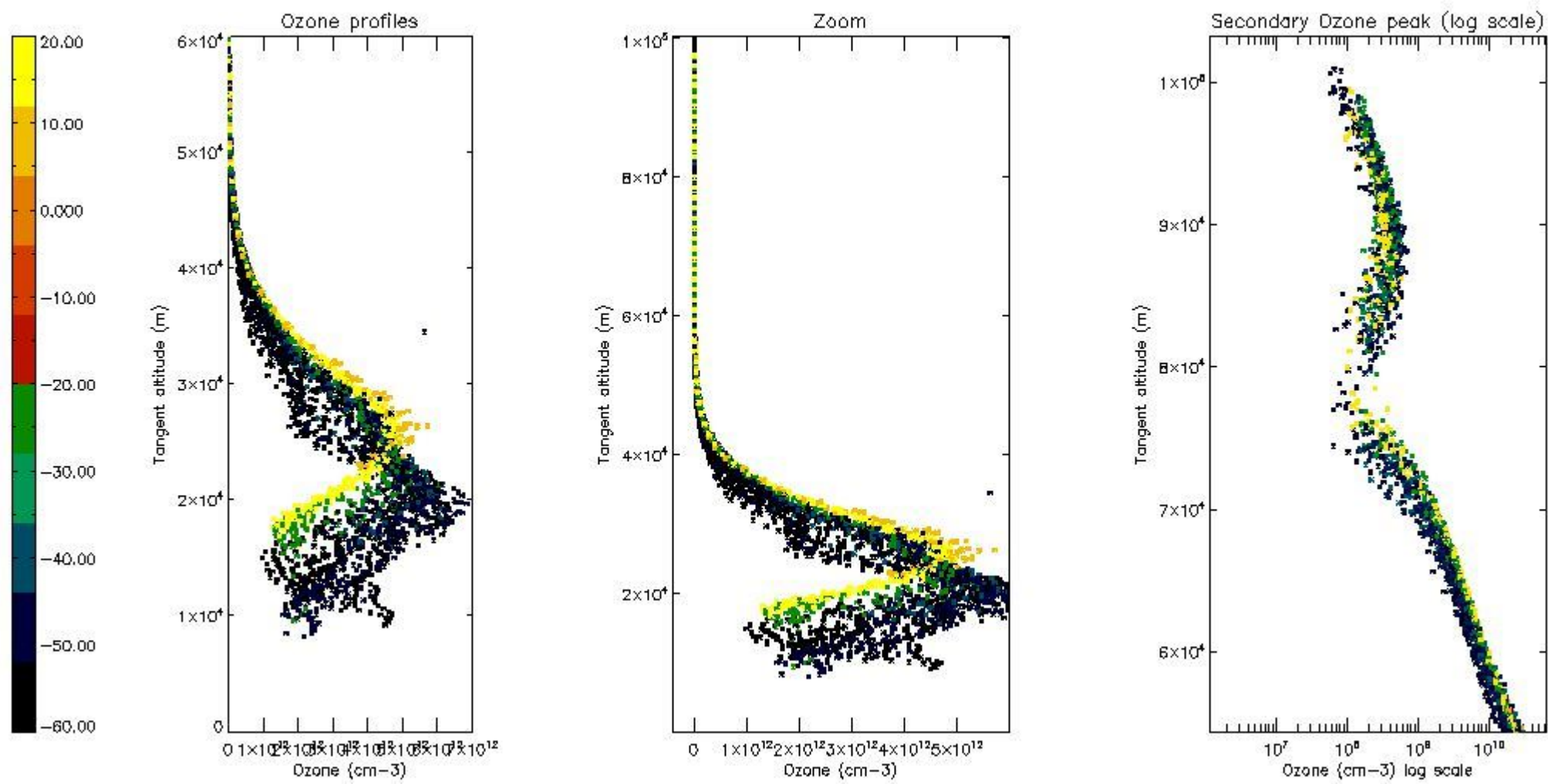
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



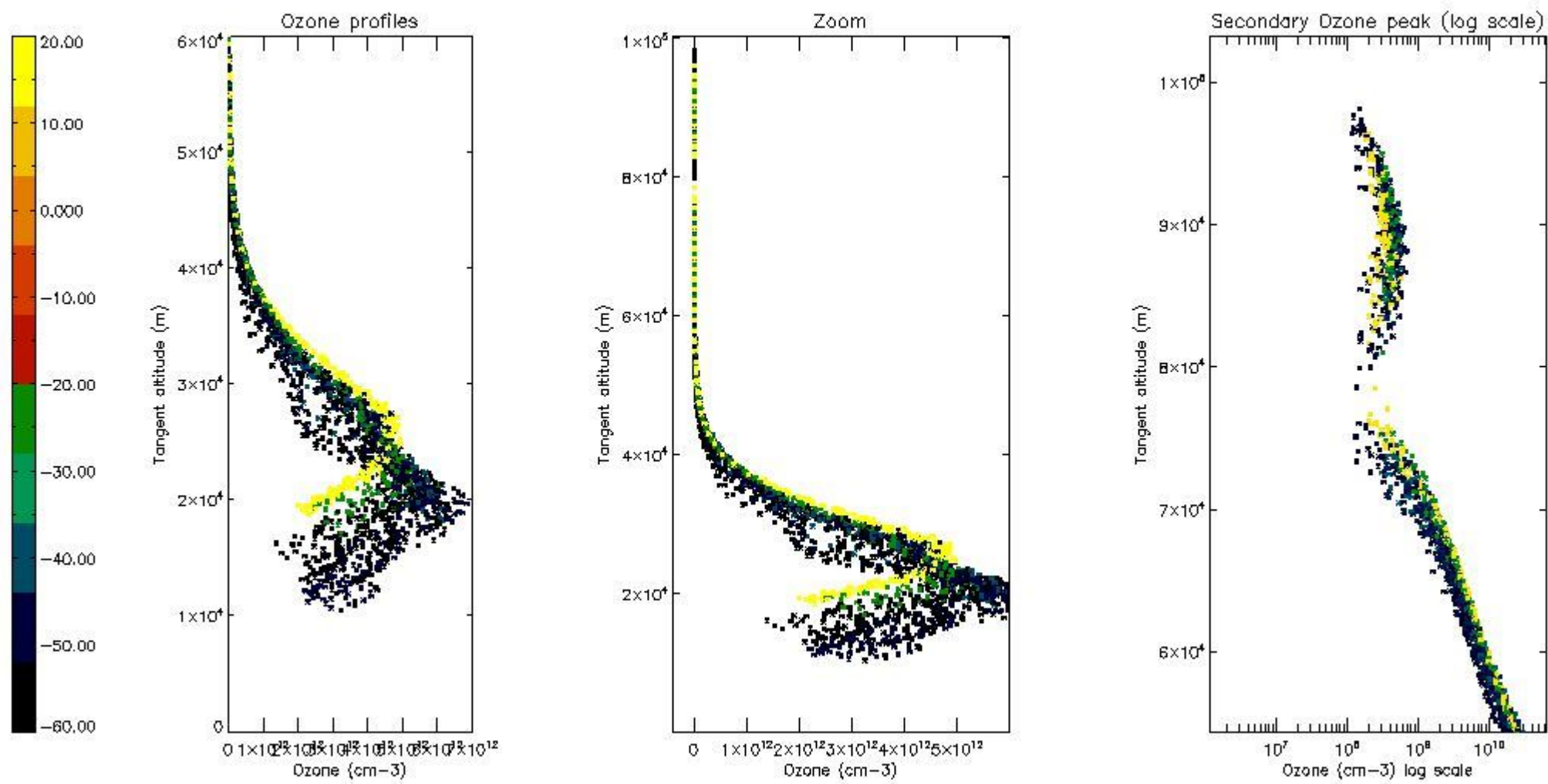
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



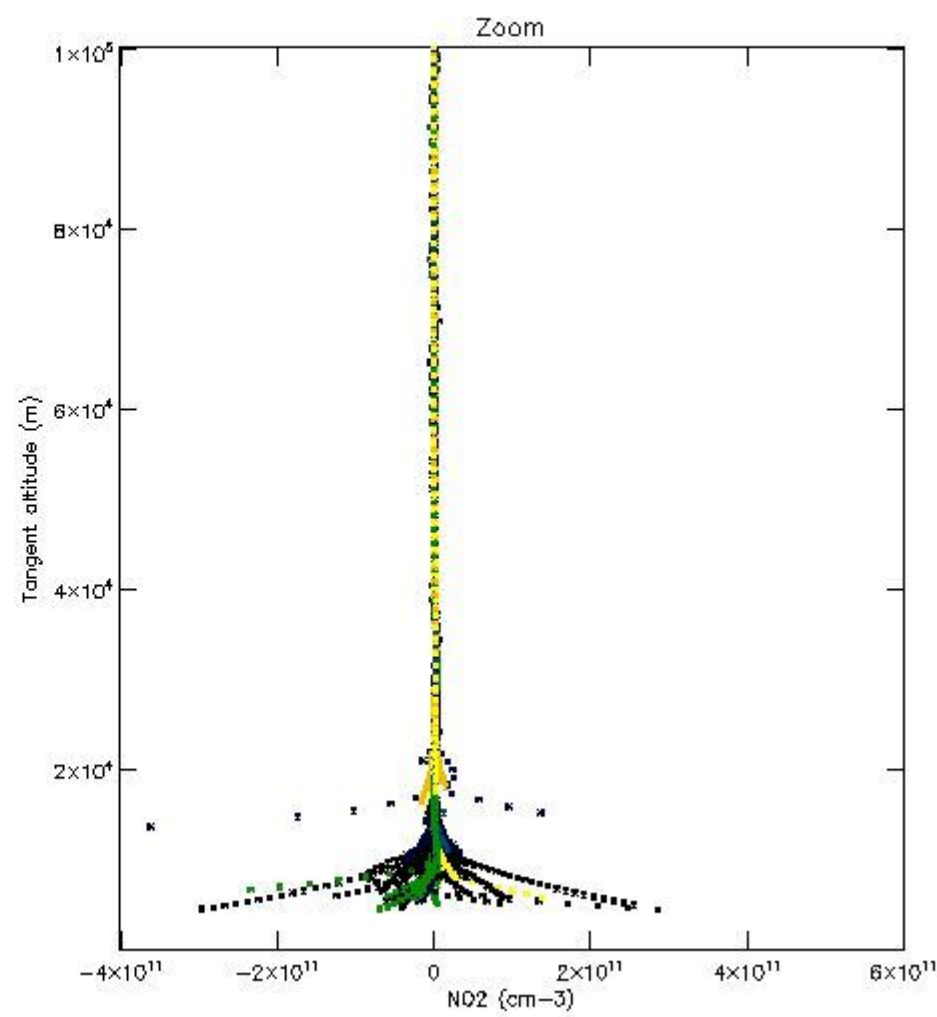
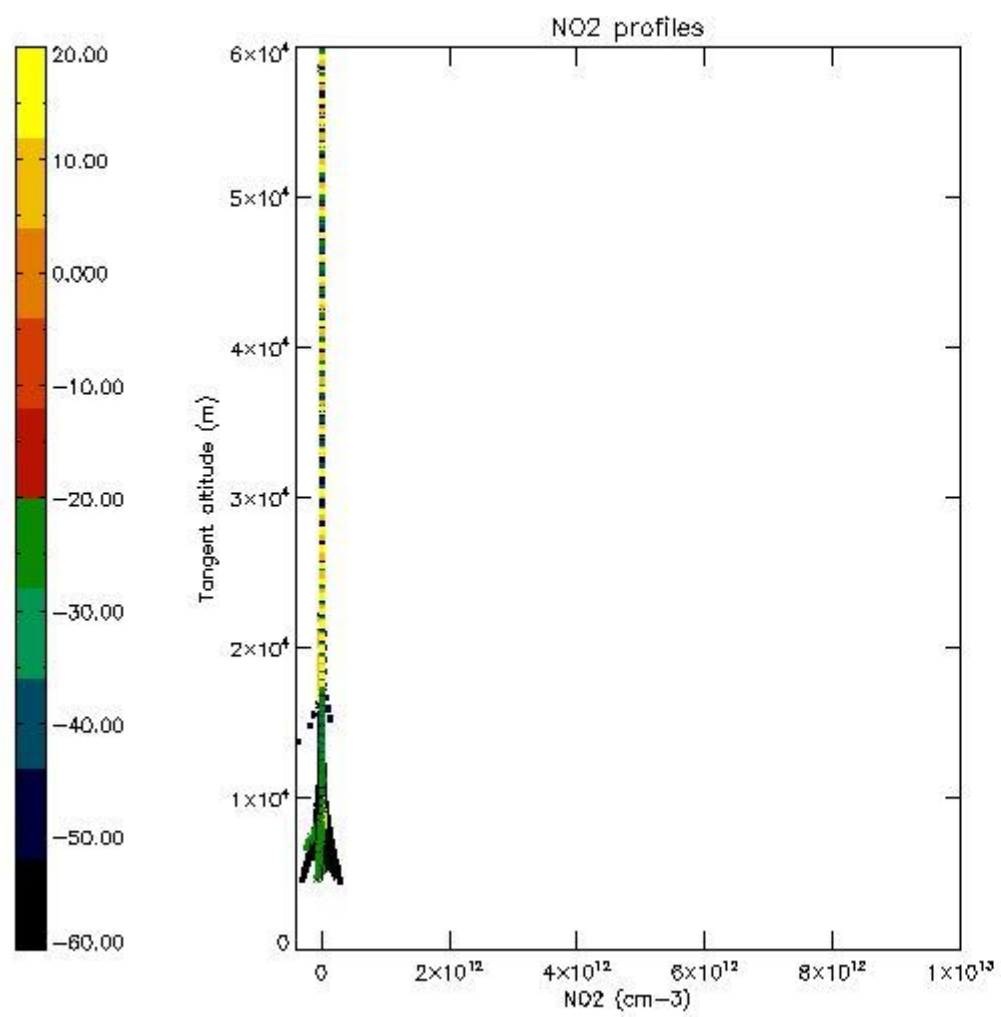
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



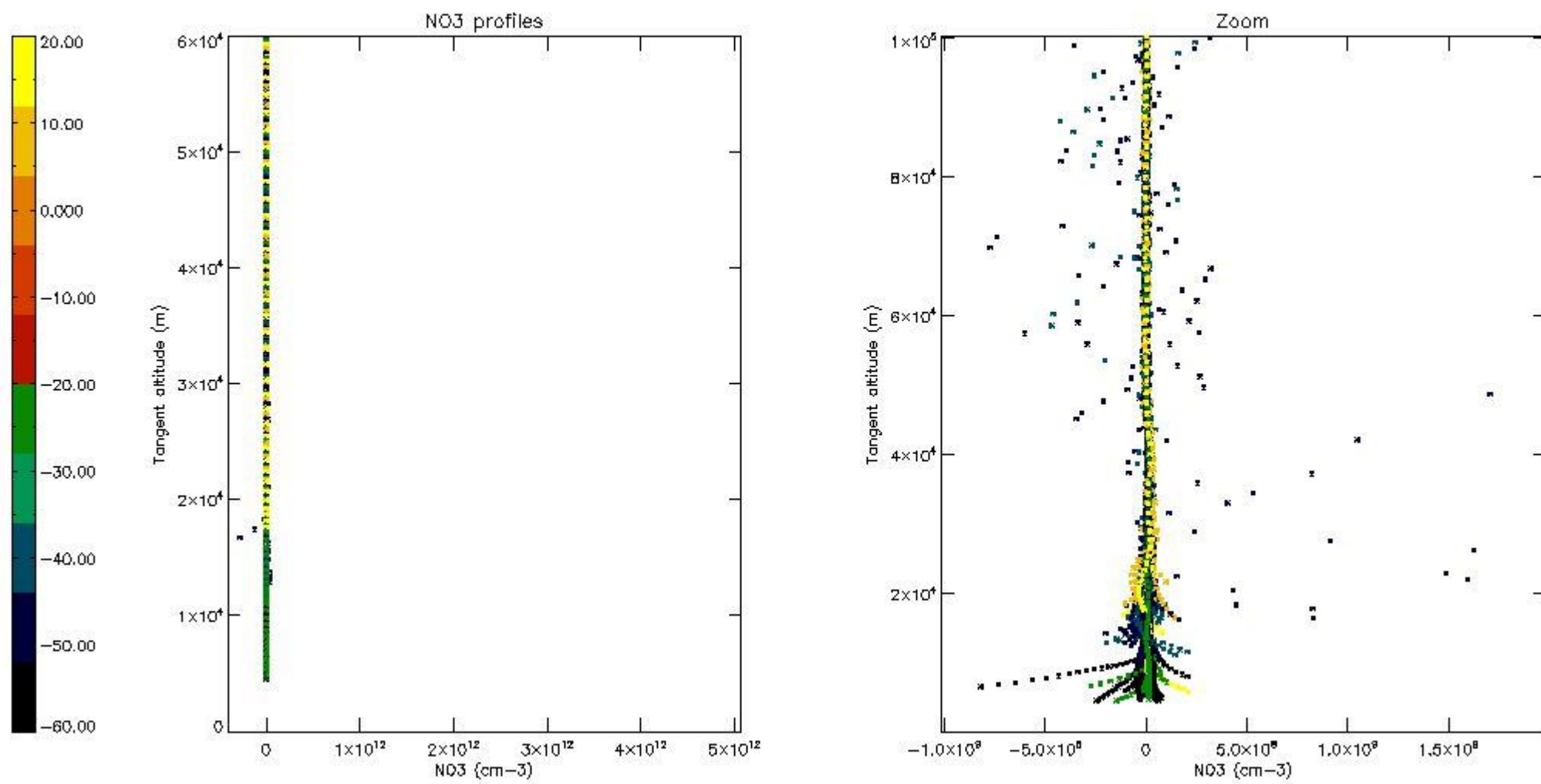
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



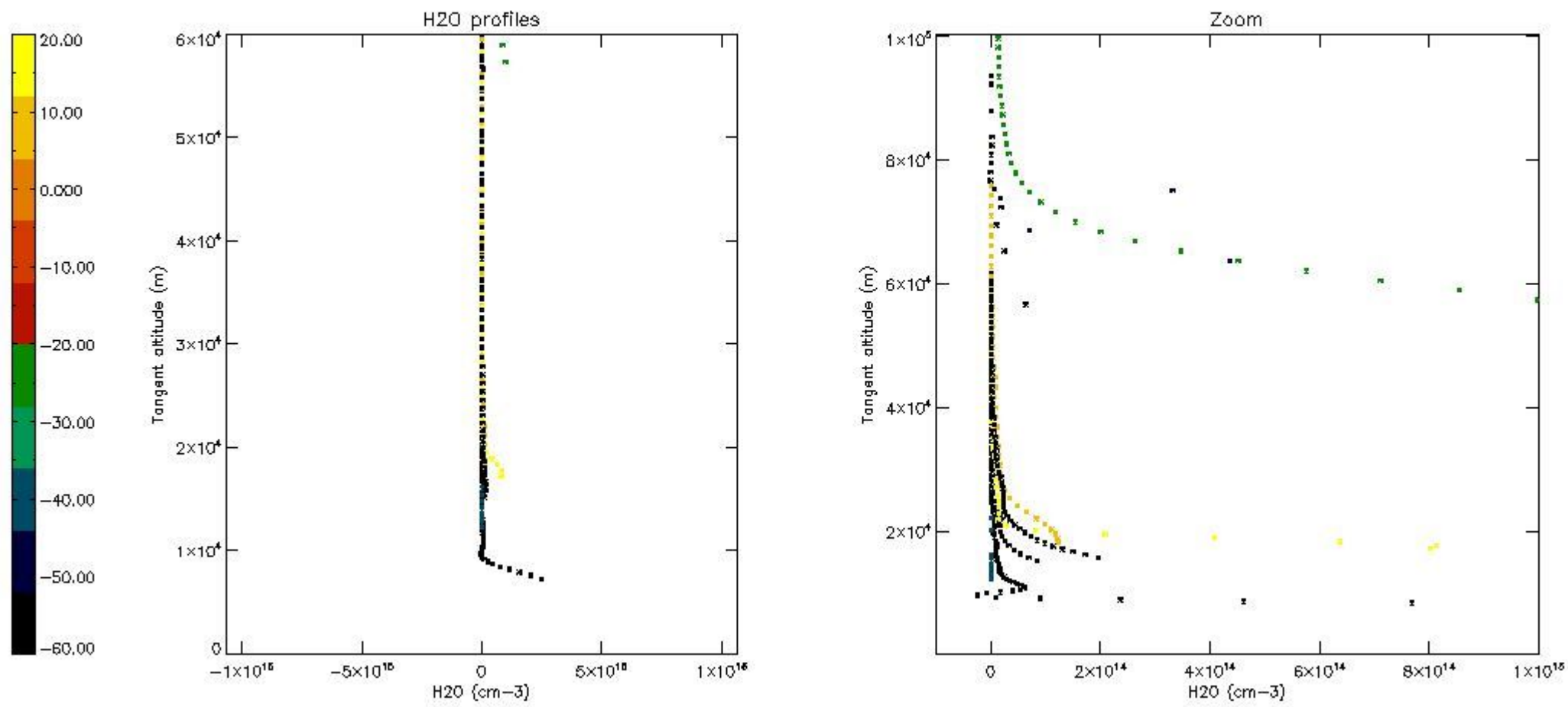
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

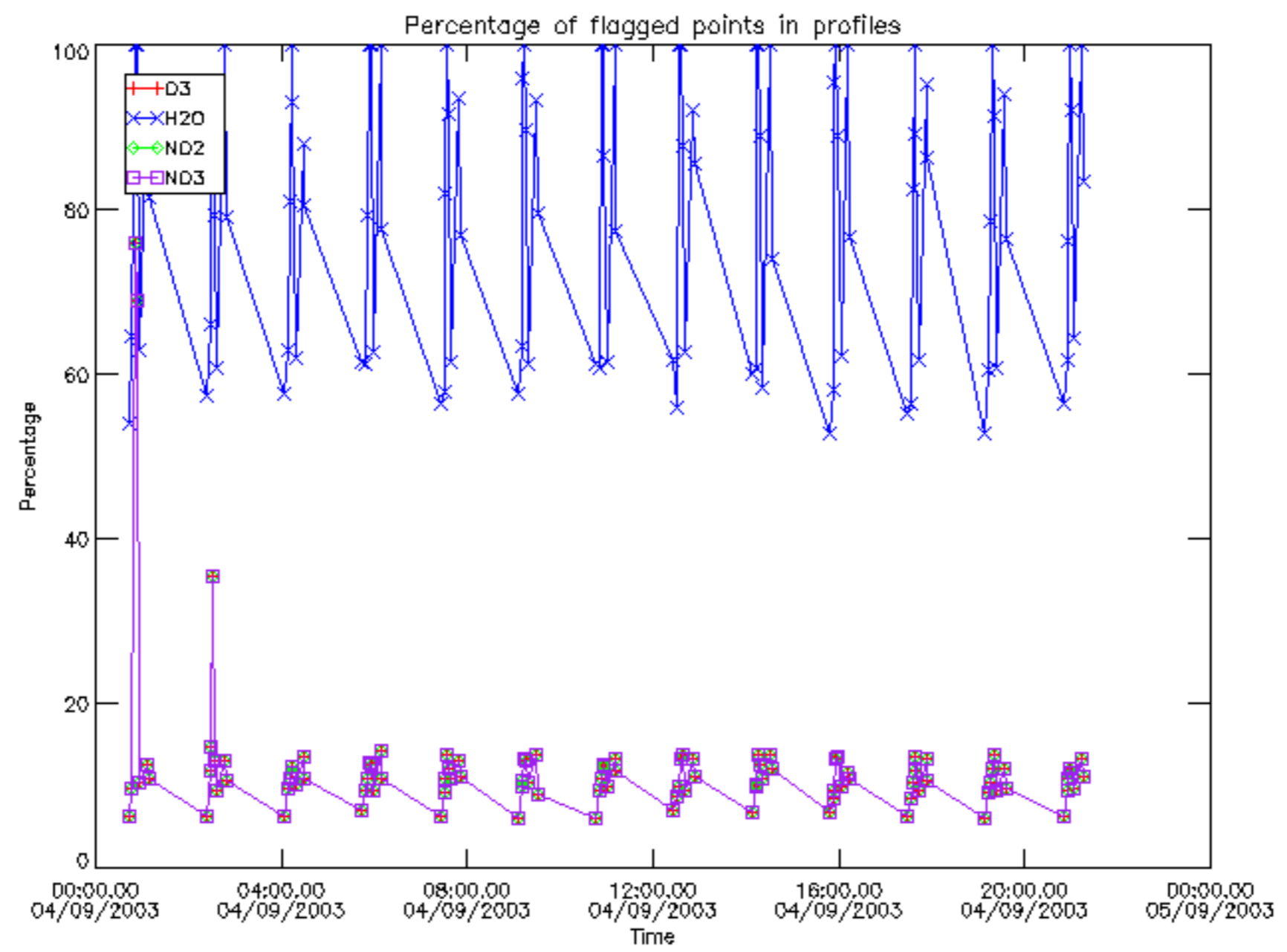
The colorbar represents the latitude.



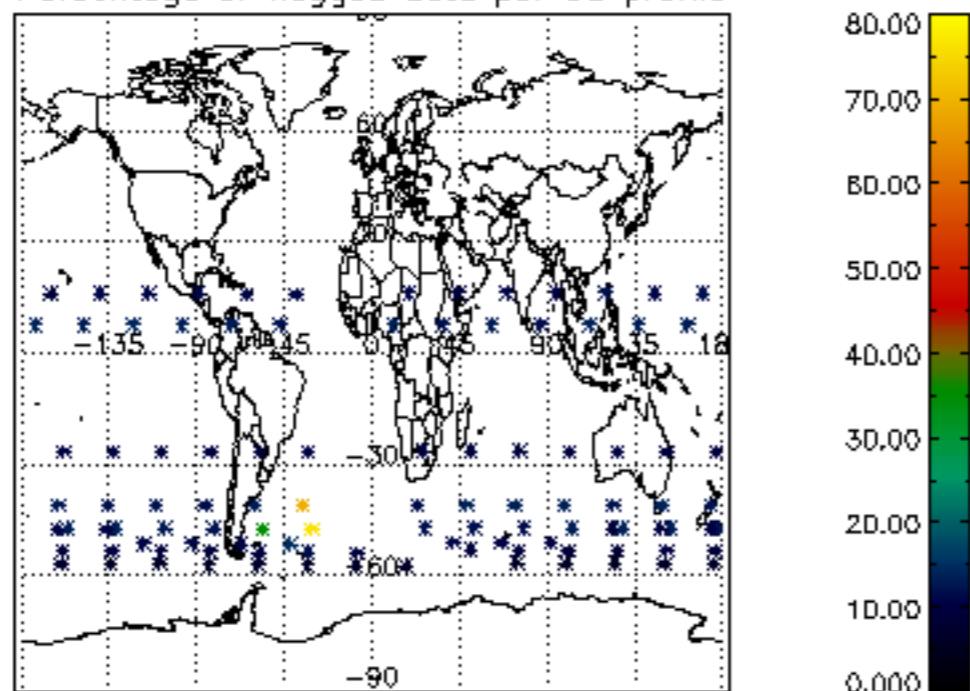
6. Auxiliary Data Files used for the production reported in section 2

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.

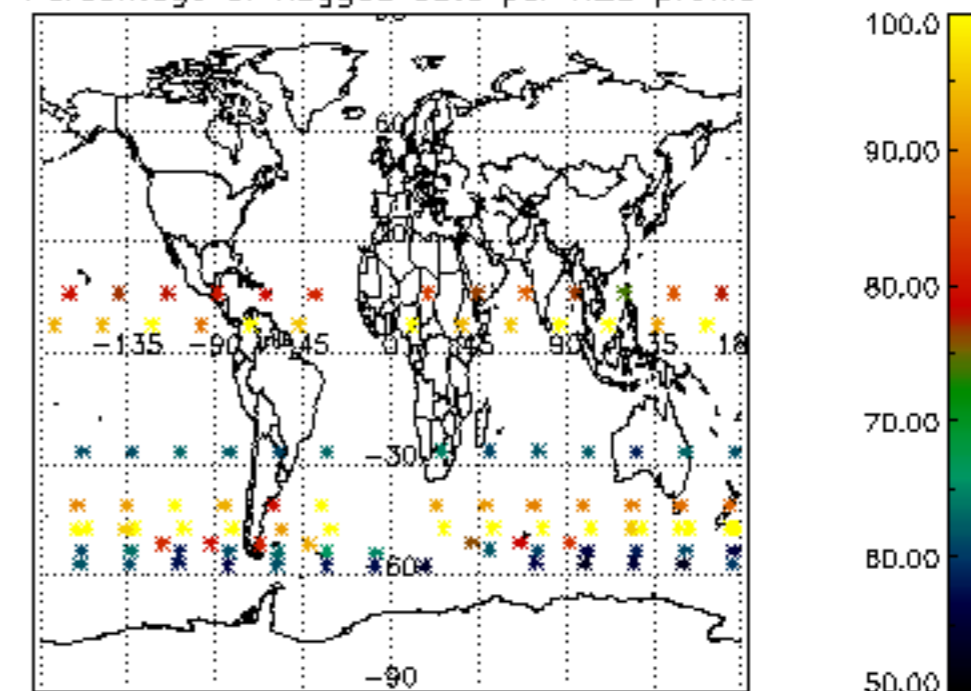
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-SEP-2003 00:00:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-SEP-2003 00:00:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-SEP-2003 00:00:44



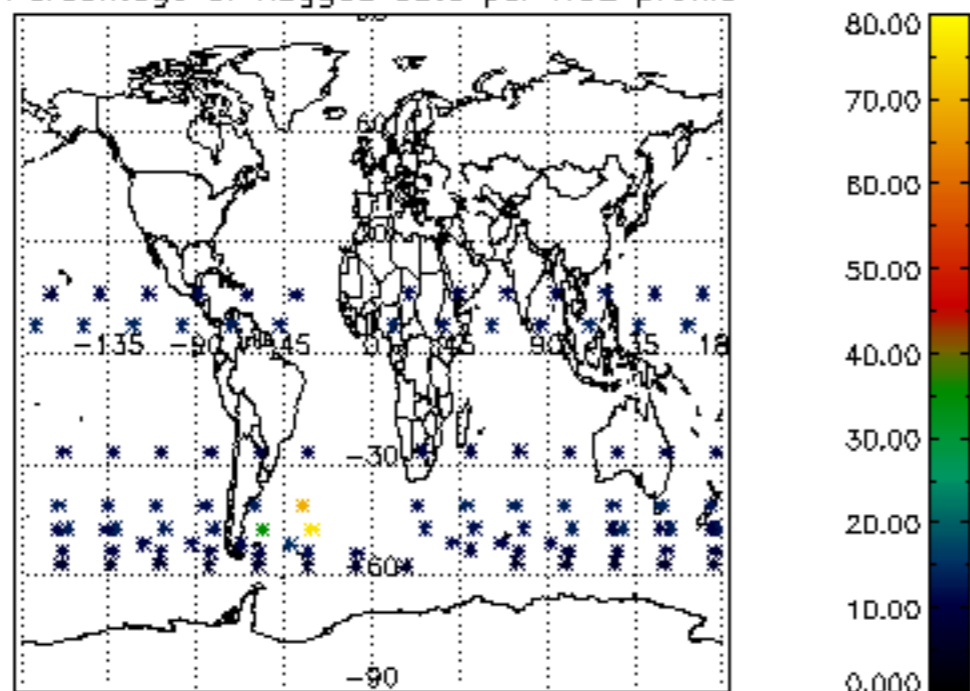
Percentage of flagged data per D3 profile



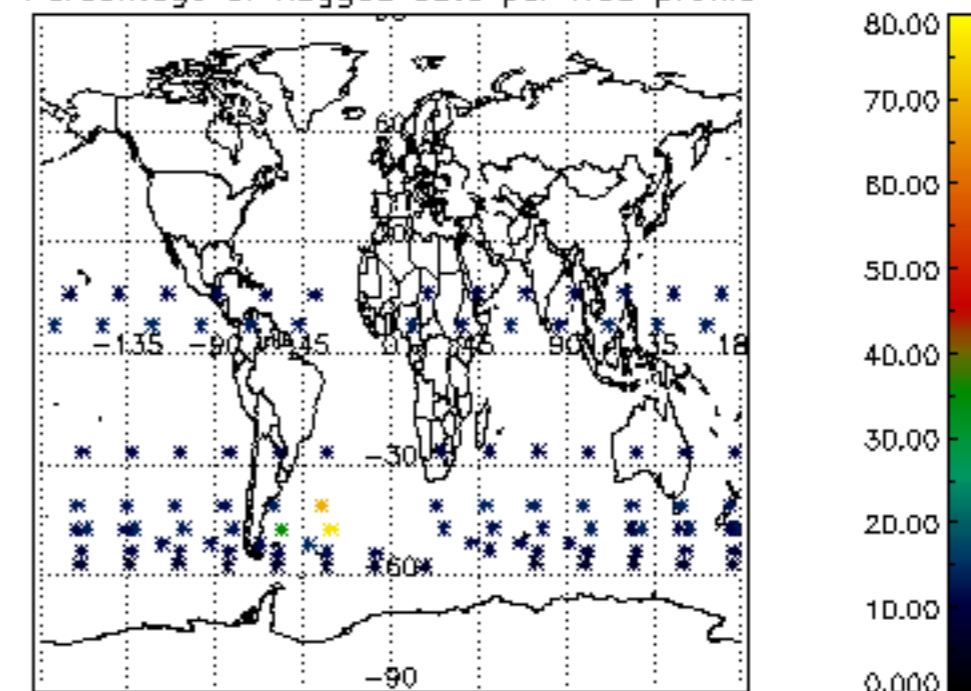
Percentage of flagged data per H2O profile

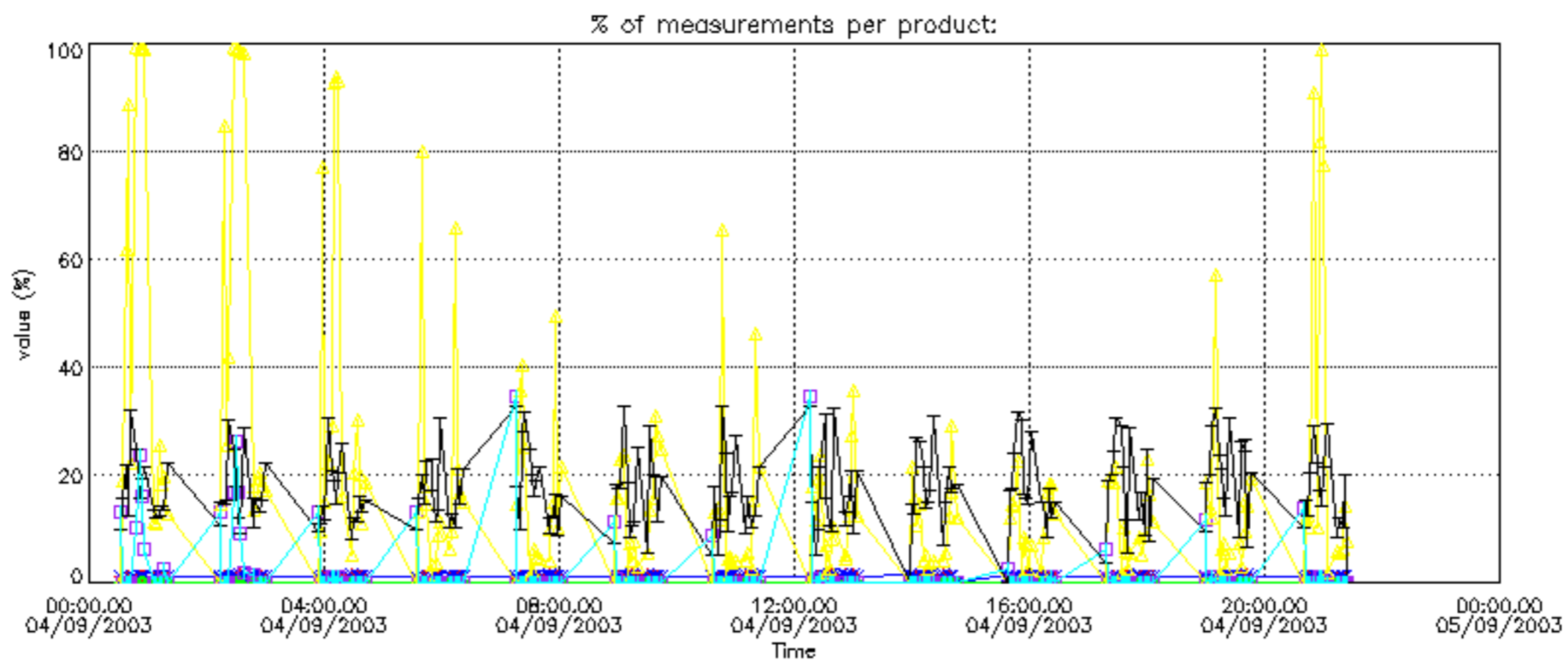


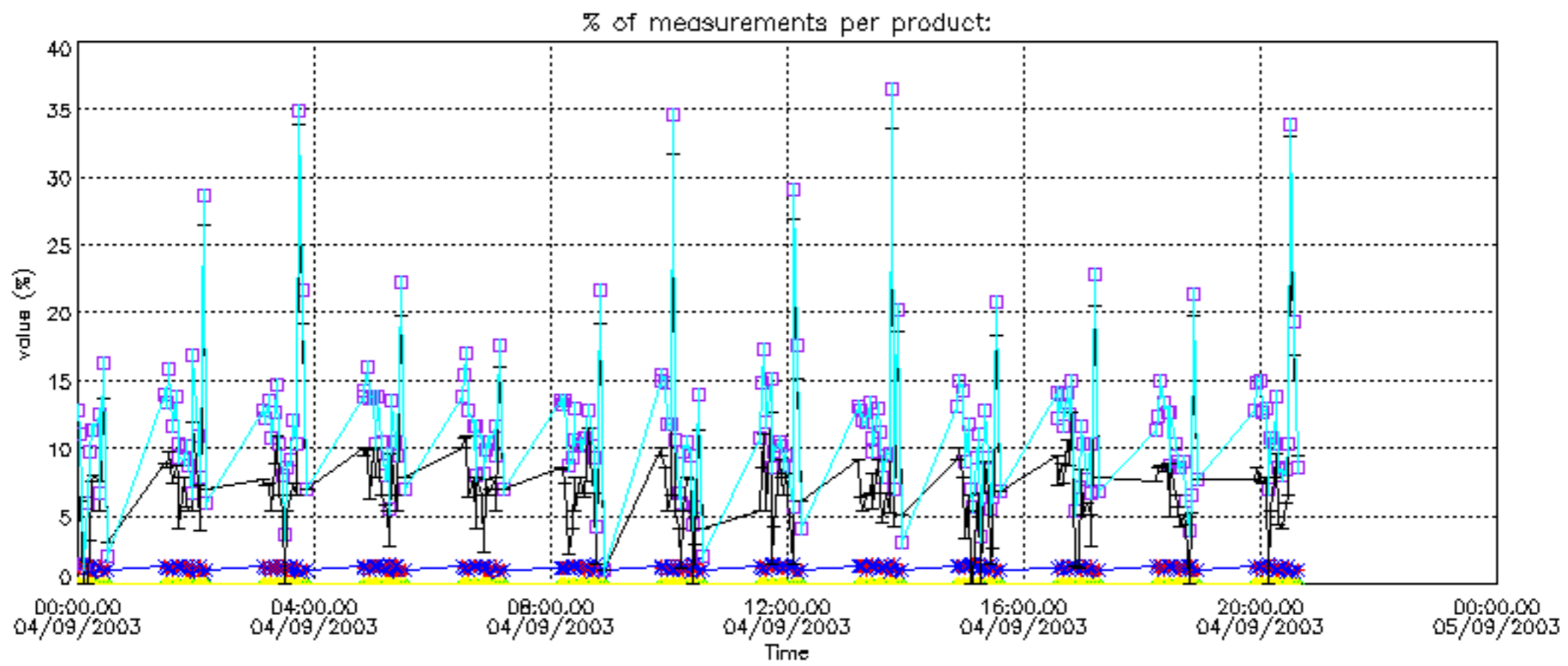
Percentage of flagged data per NO2 profile



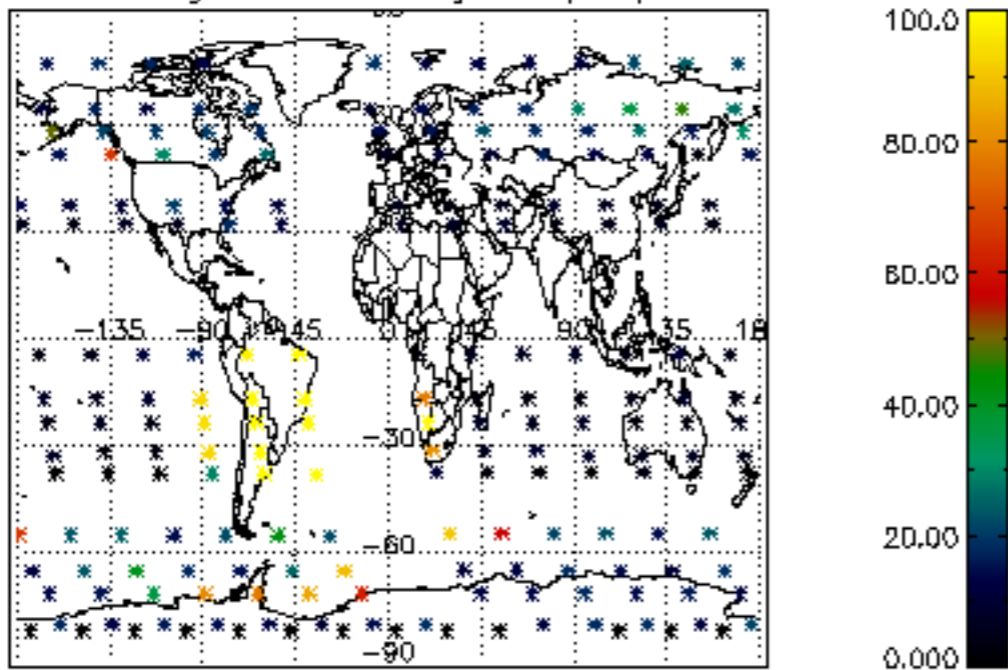
Percentage of flagged data per NO3 profile



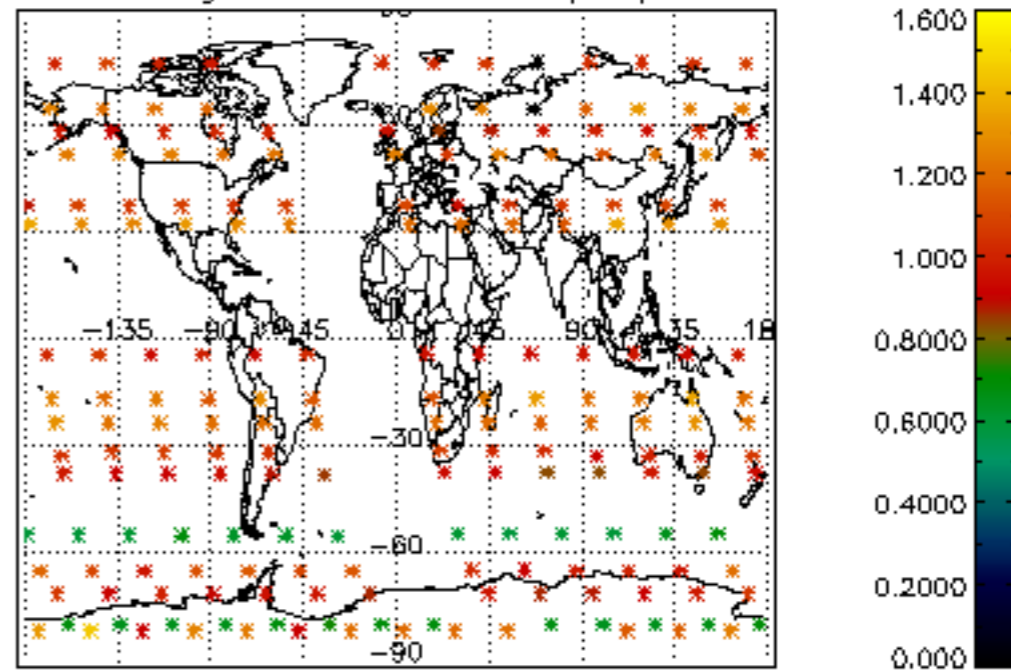




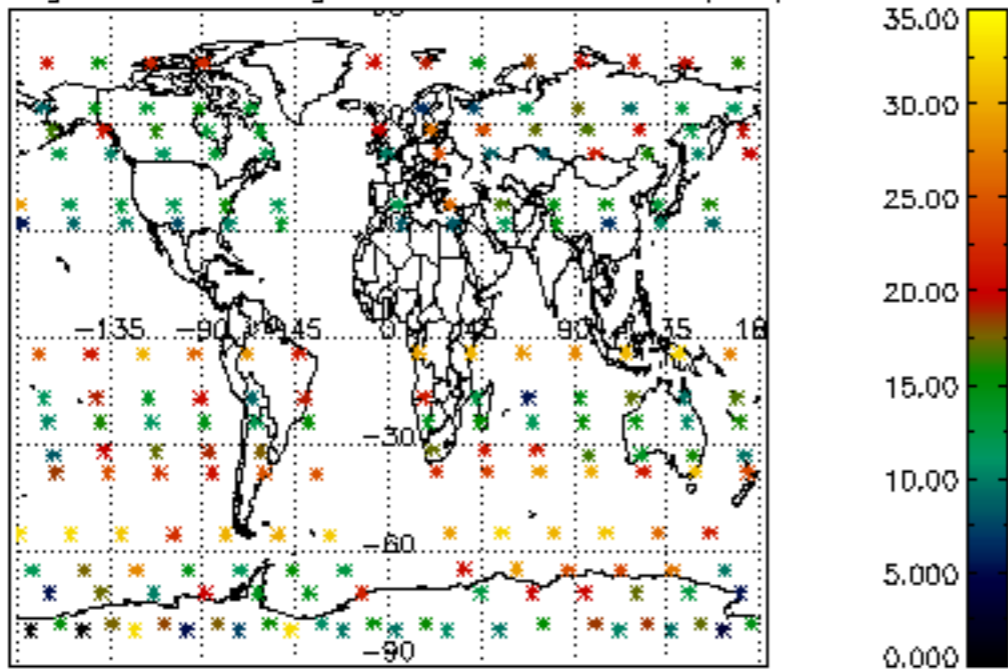
Percentage of cosmic ray hits per profile



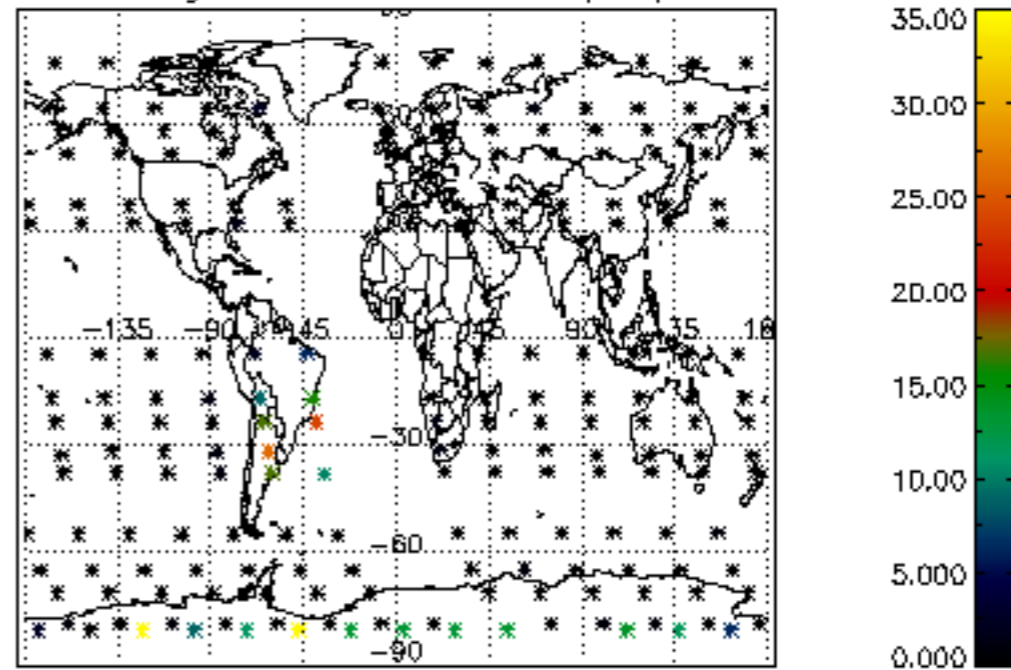
Percentage of datation errors per profile



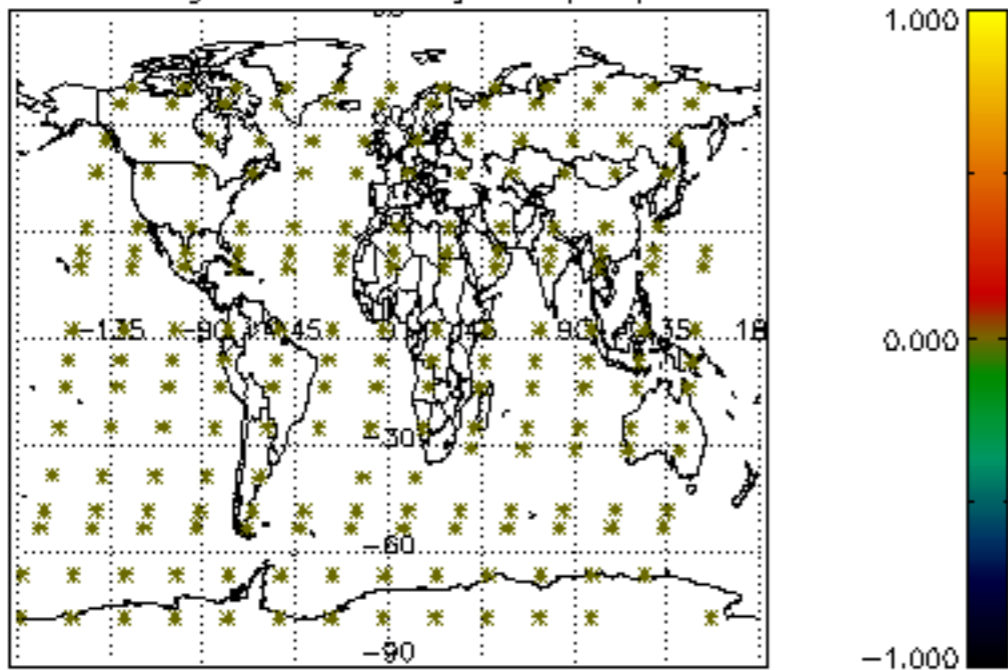
Percentage of star falling outside central band per profile



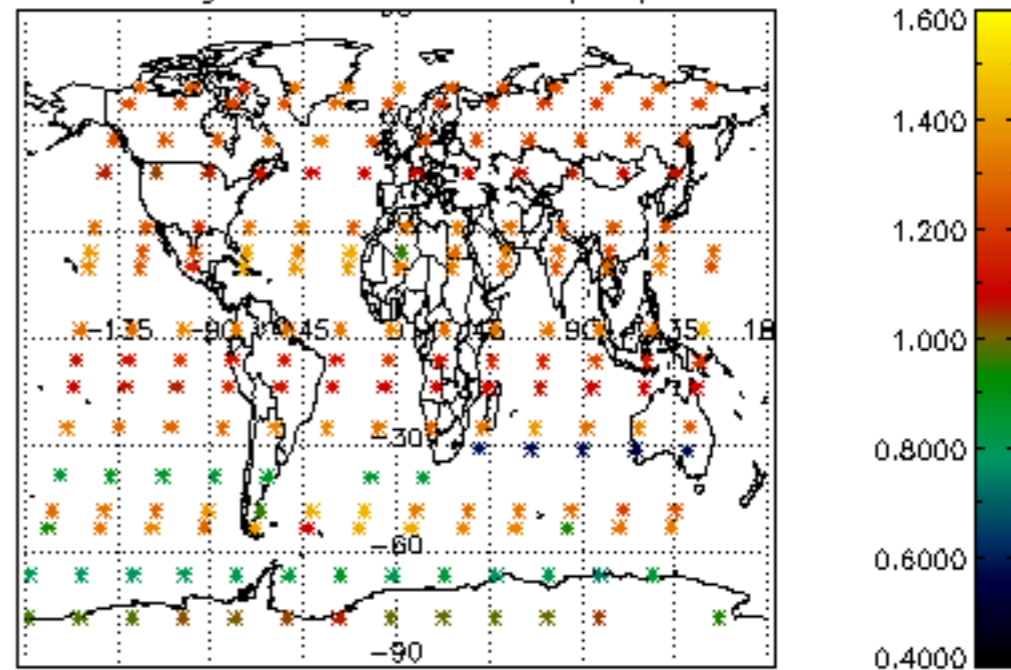
Percentage of saturation errors per profile



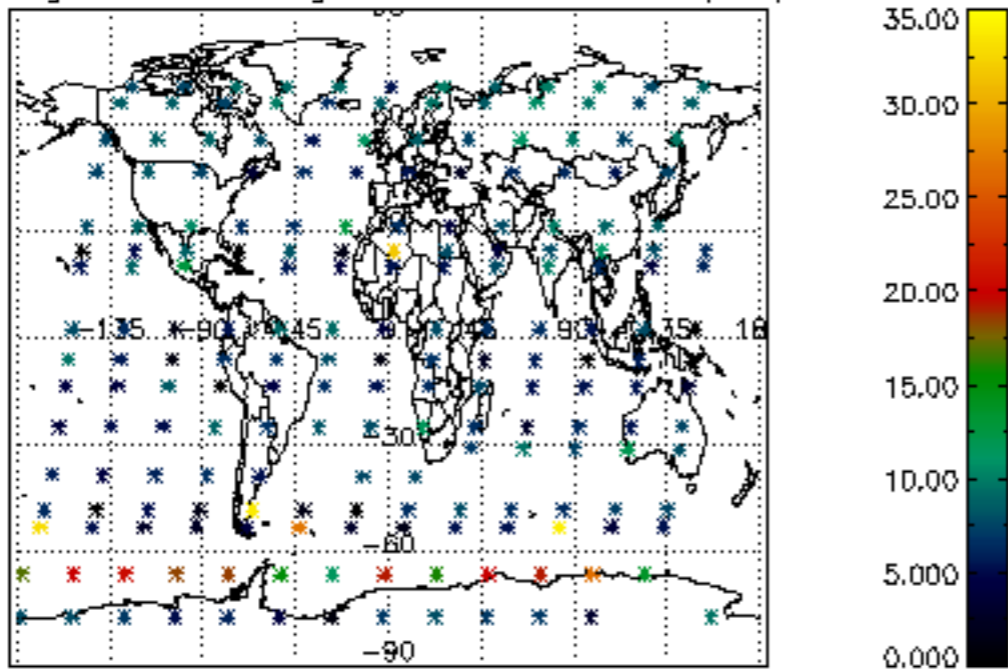
Percentage of cosmic ray hits per profile



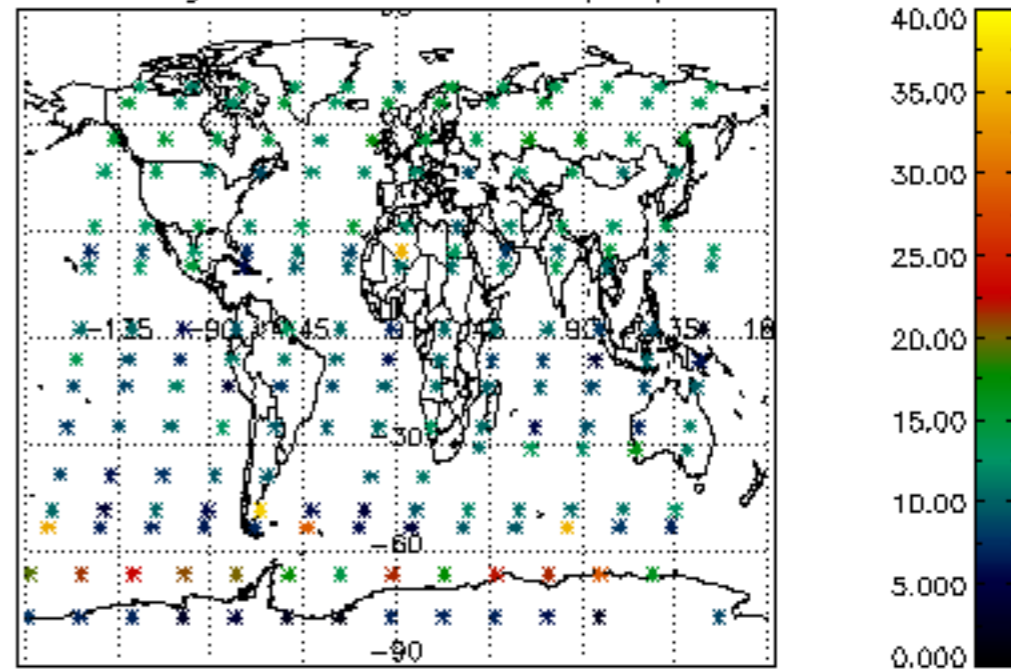
Percentage of datation errors per profile

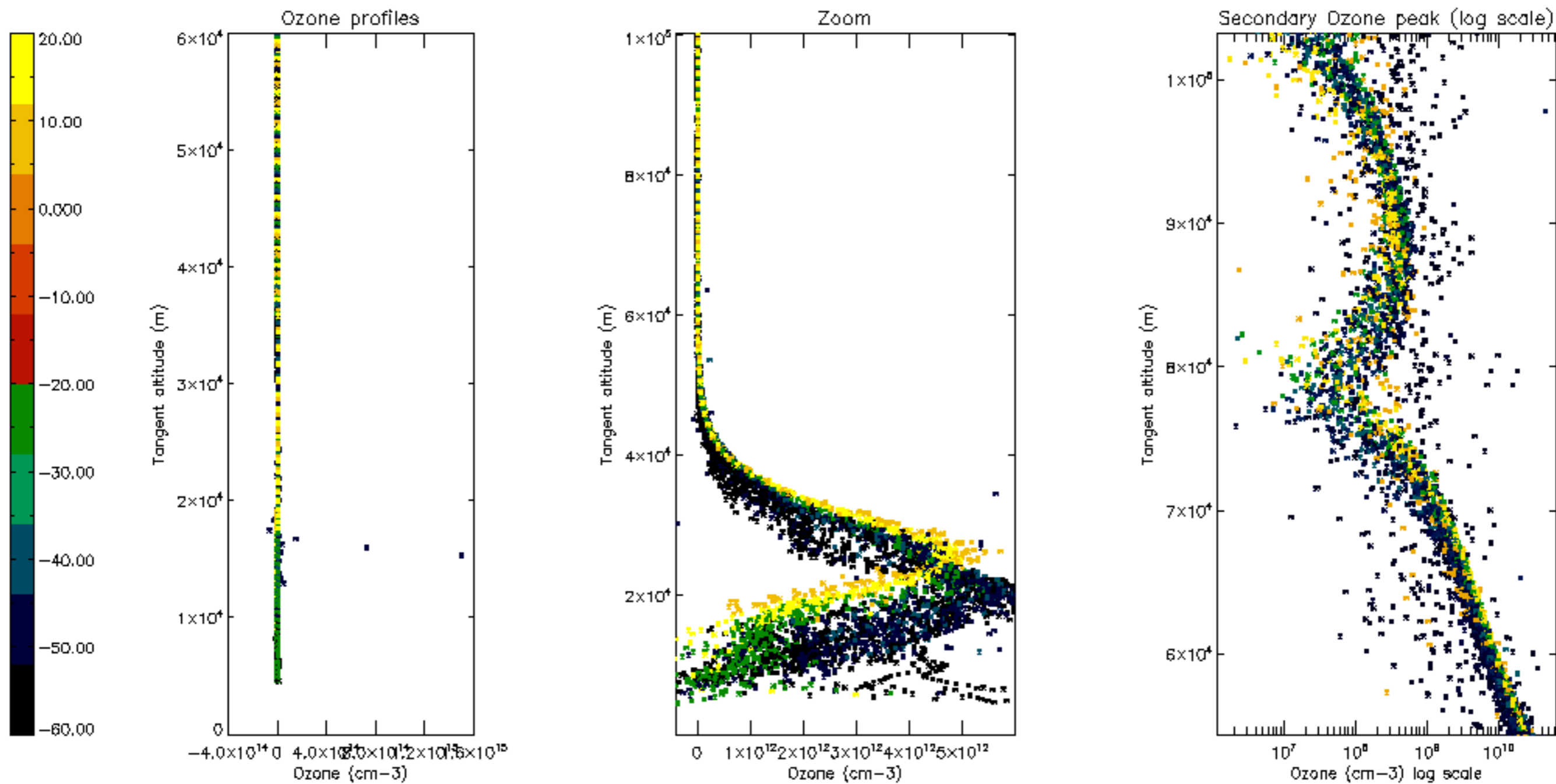


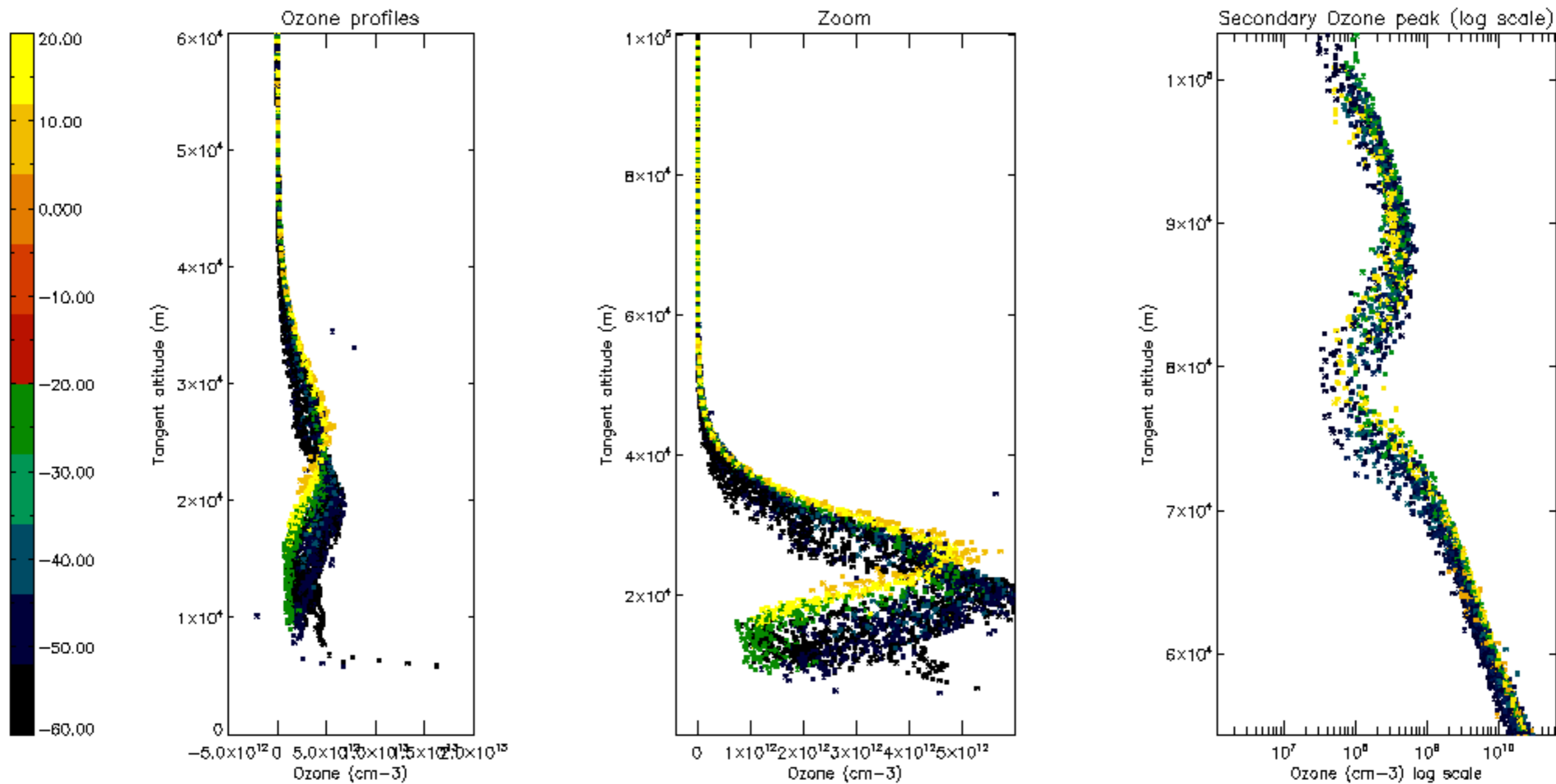
Percentage of star falling outside central band per profile

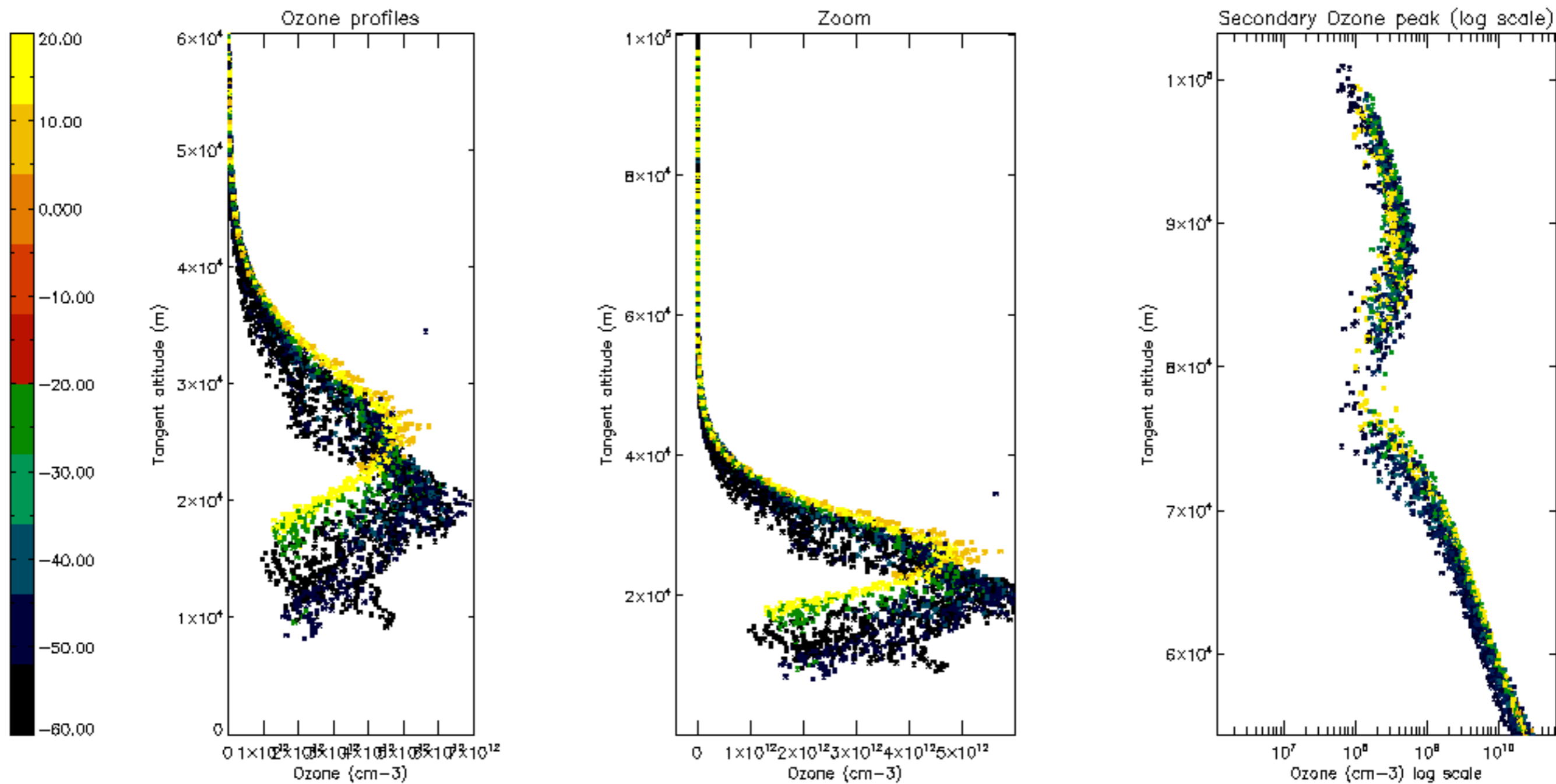


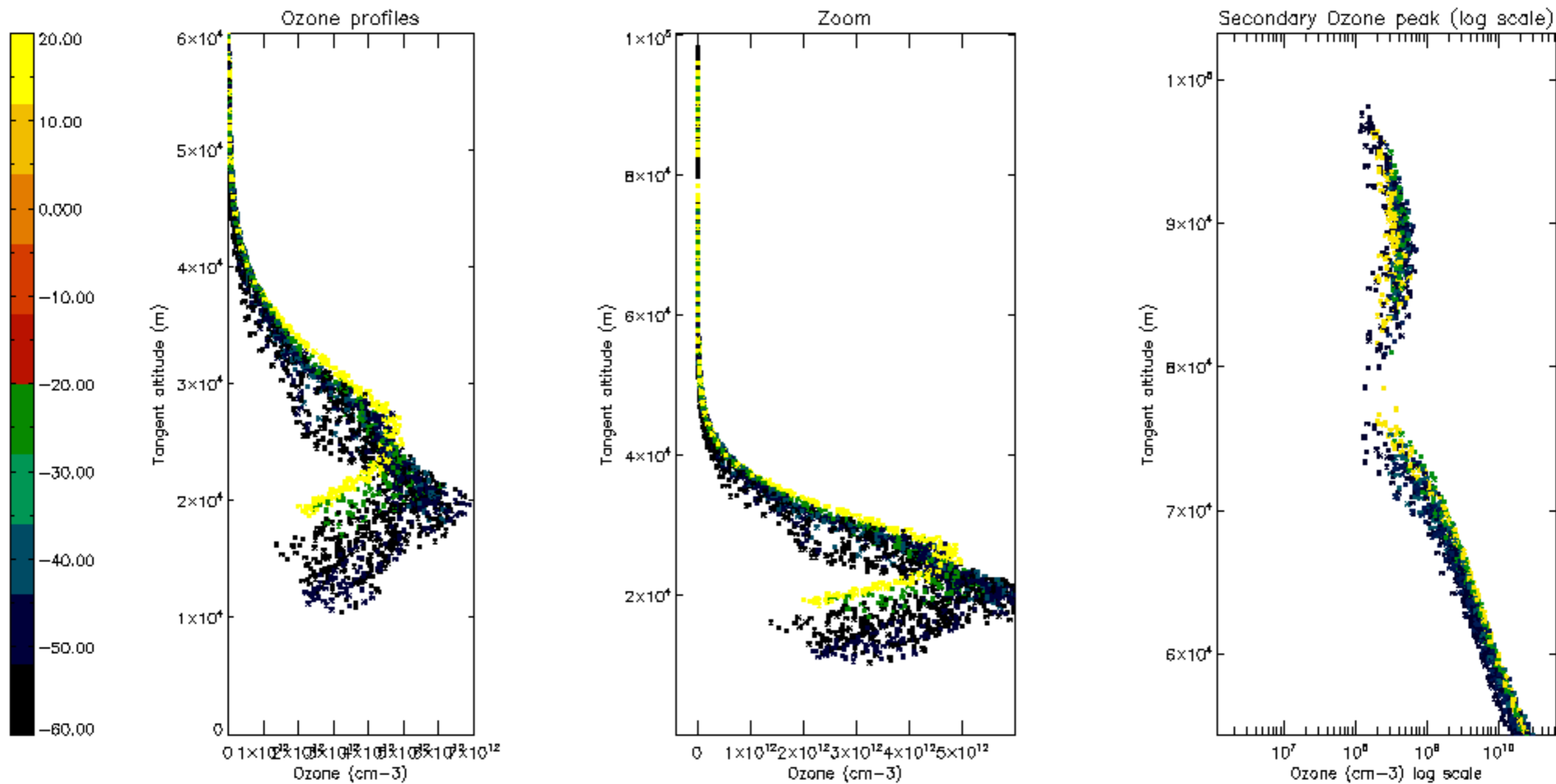
Percentage of saturation errors per profile

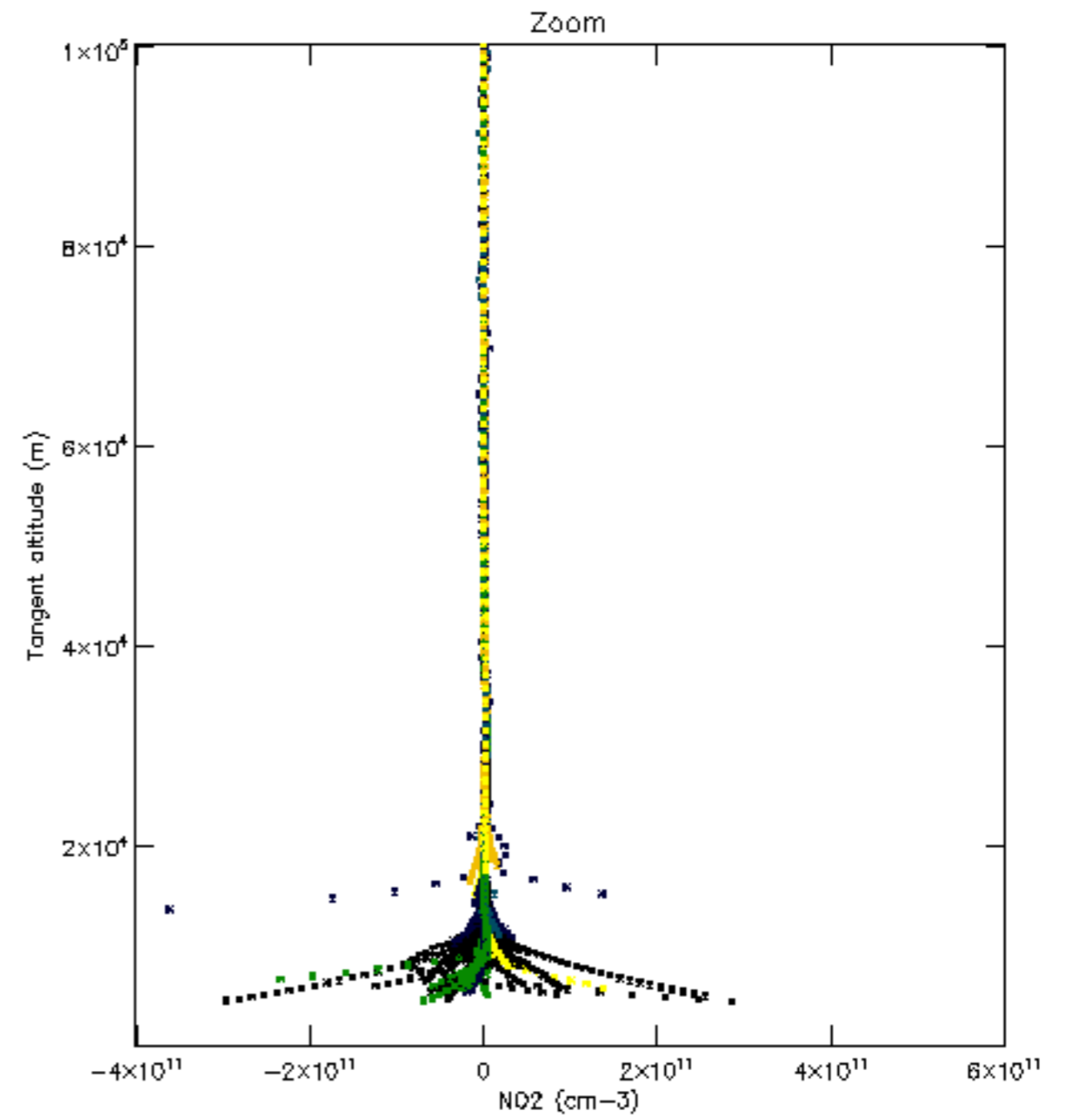
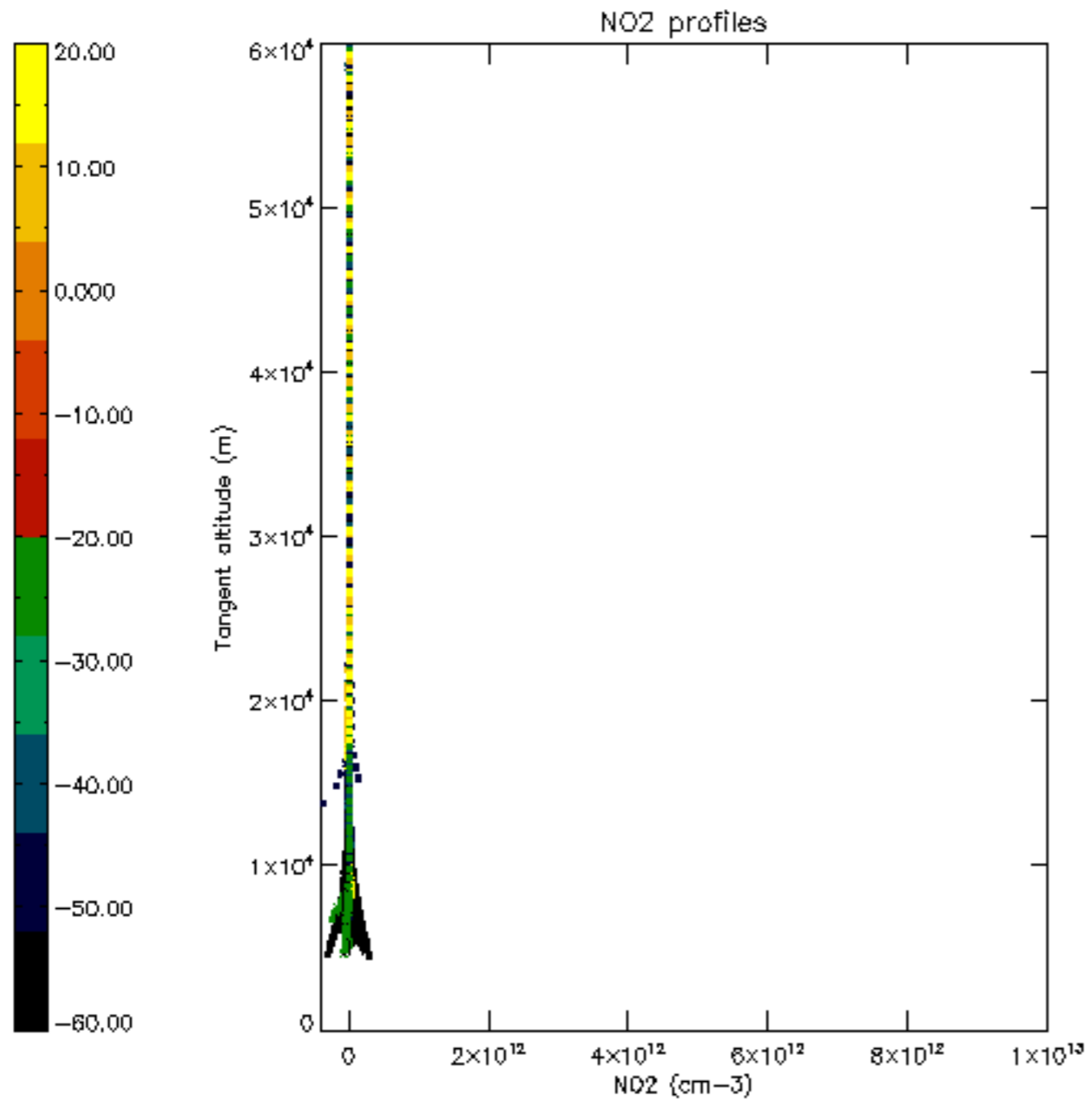


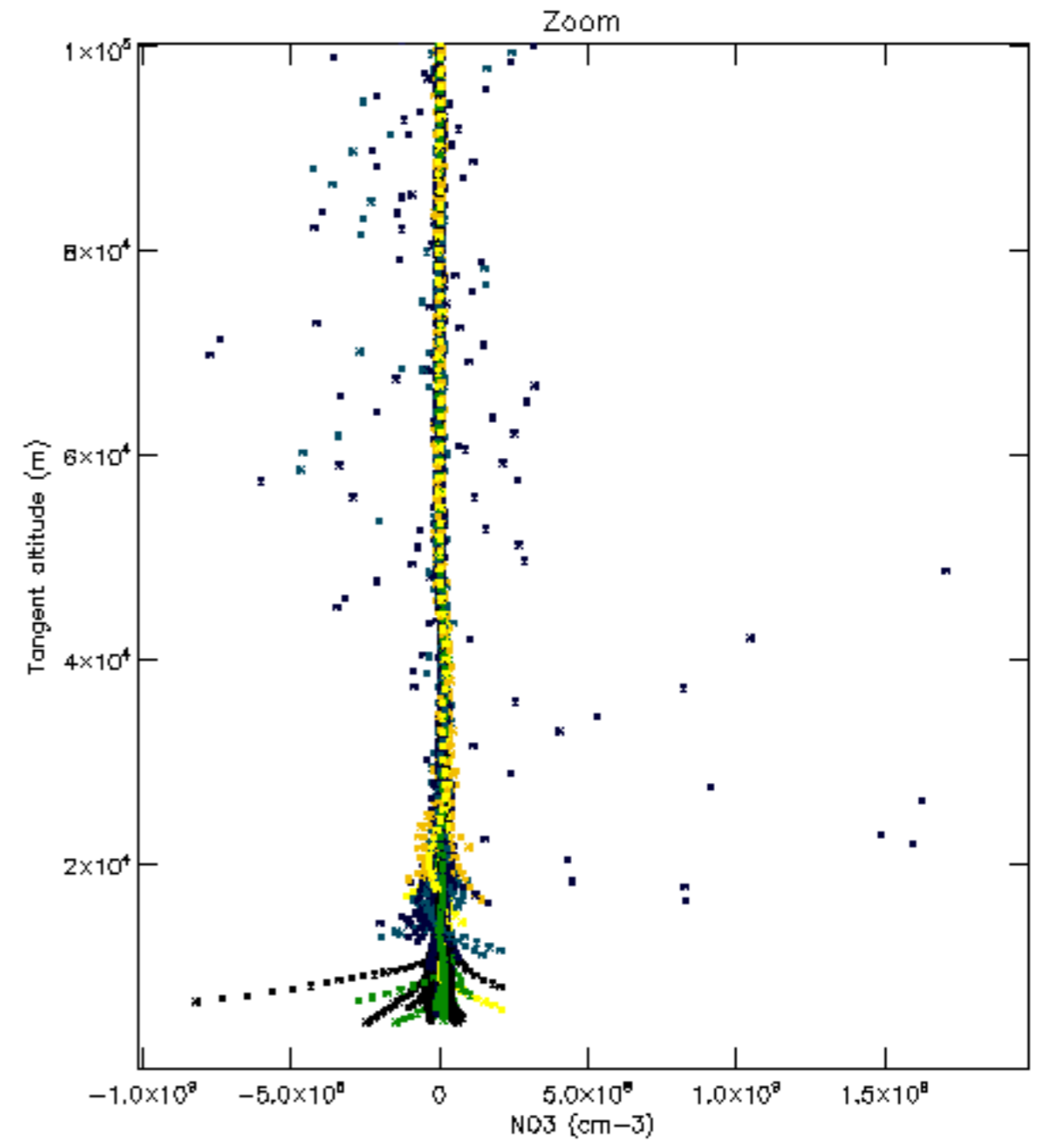
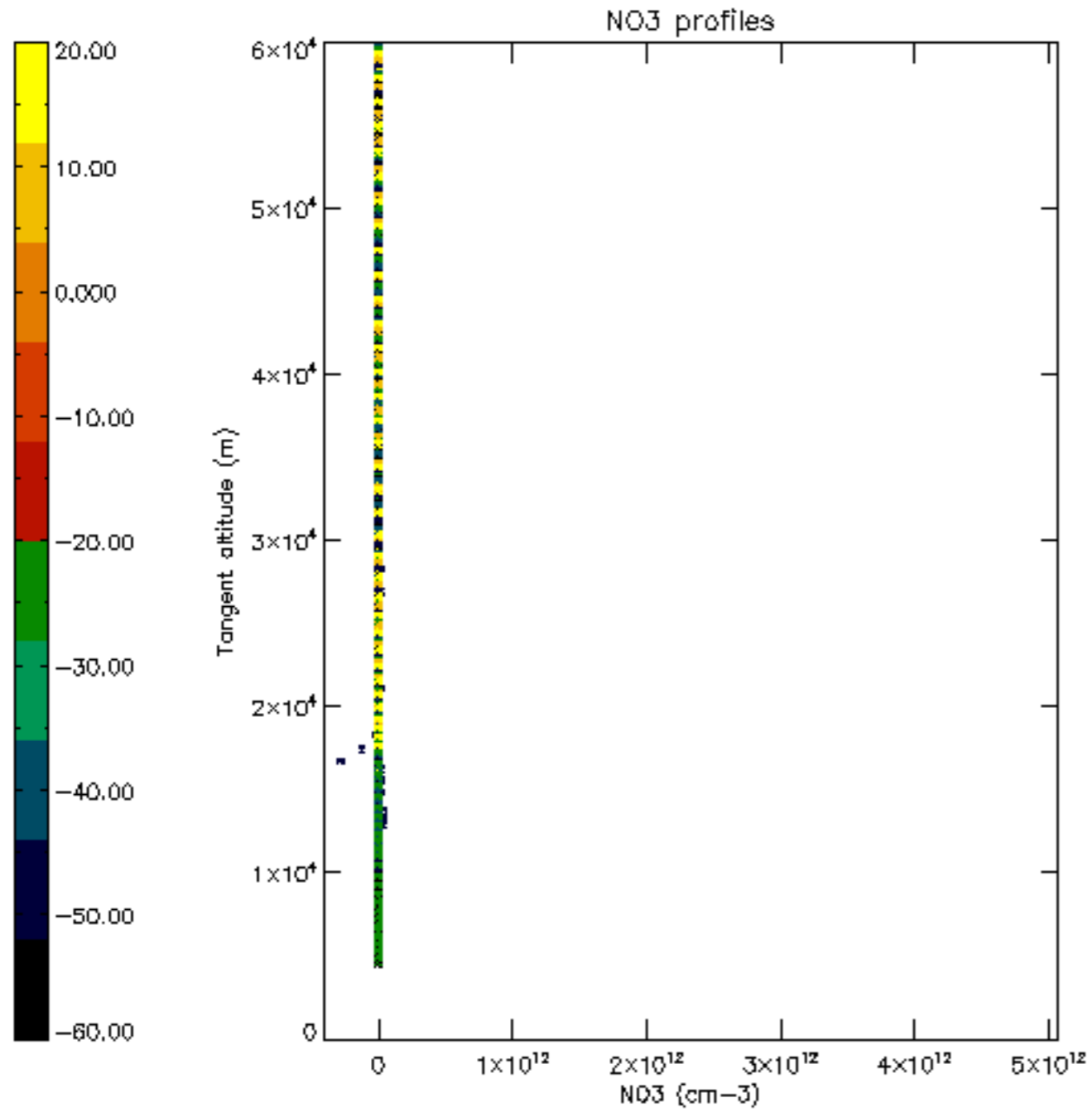


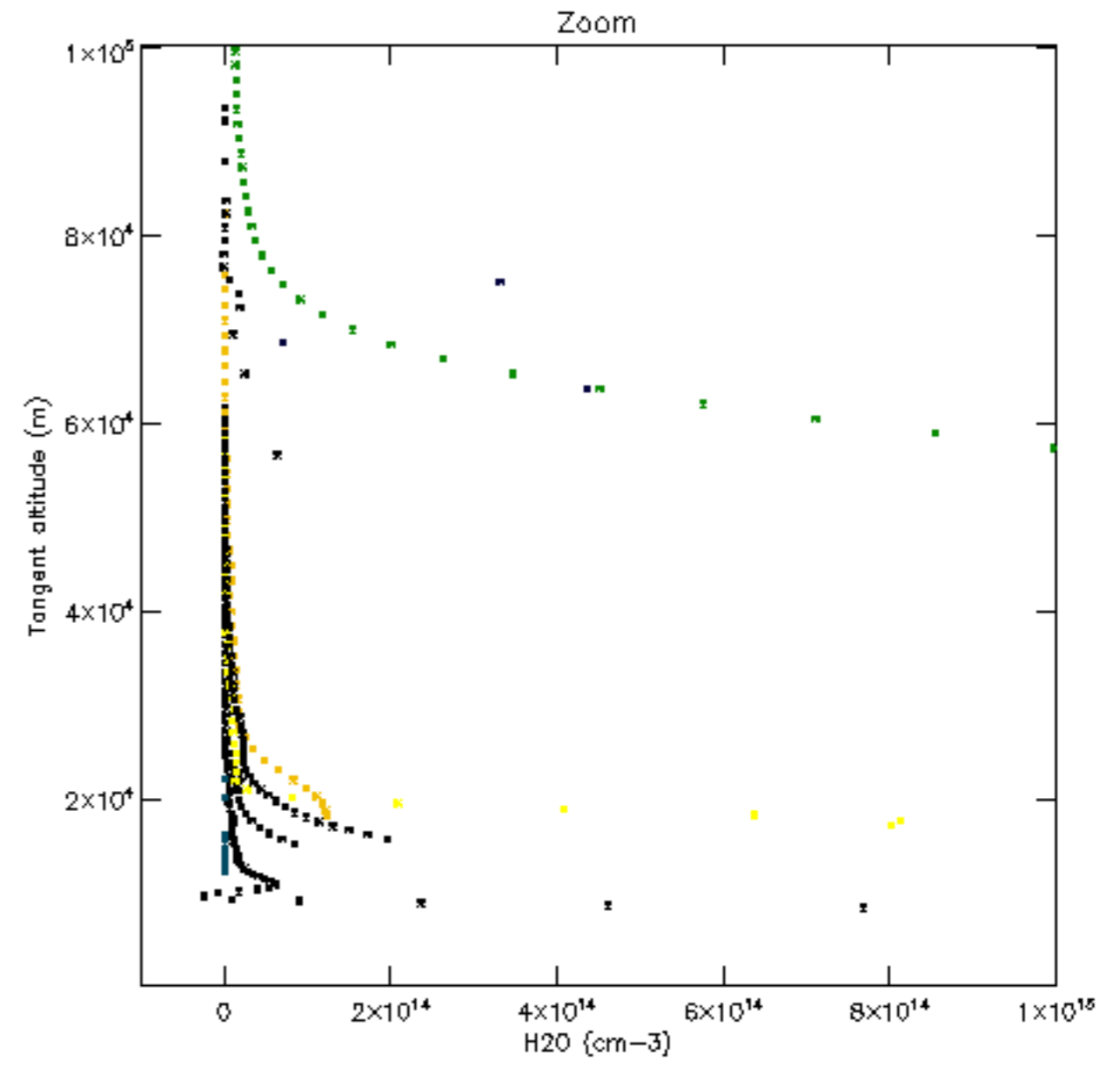
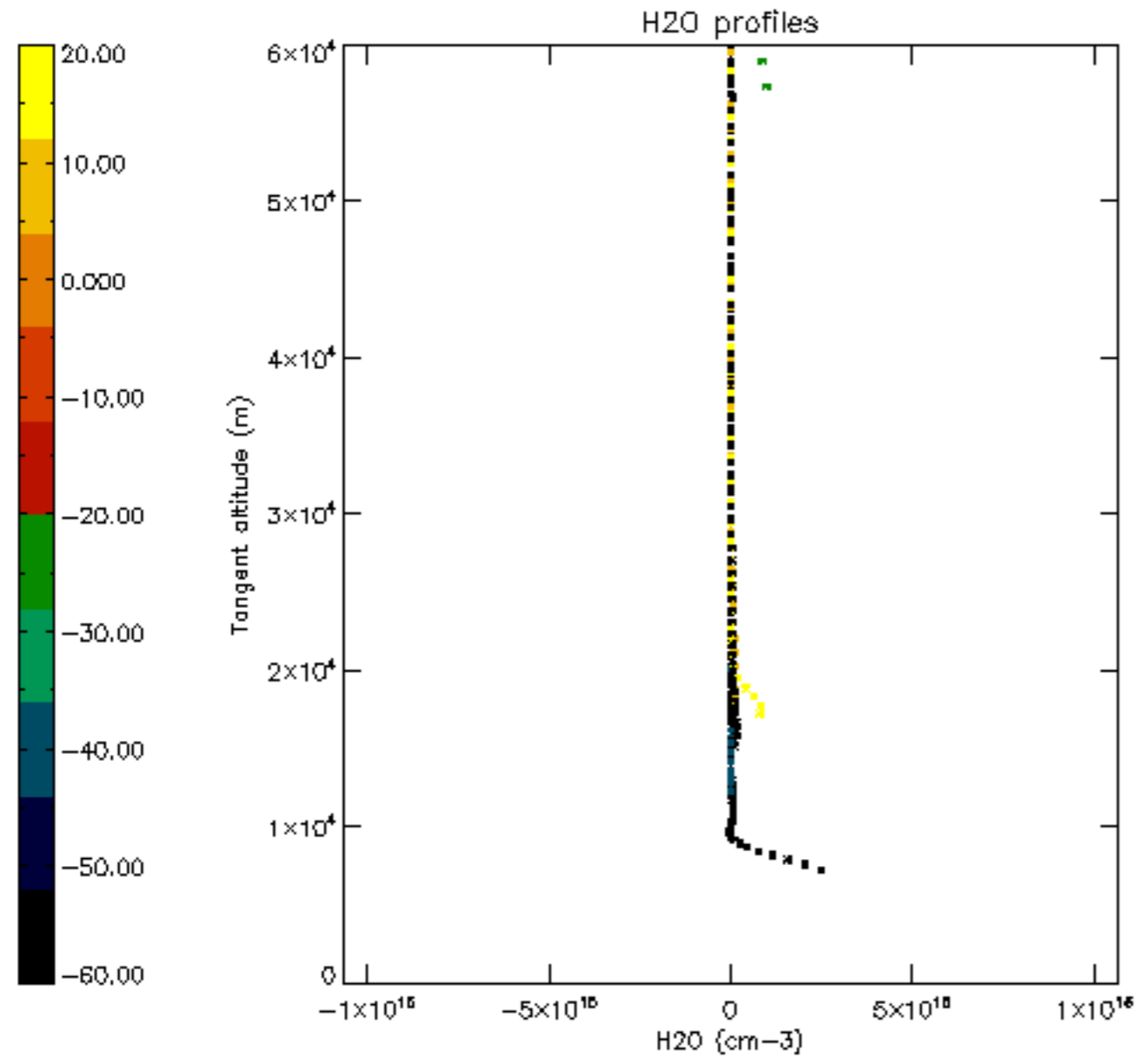


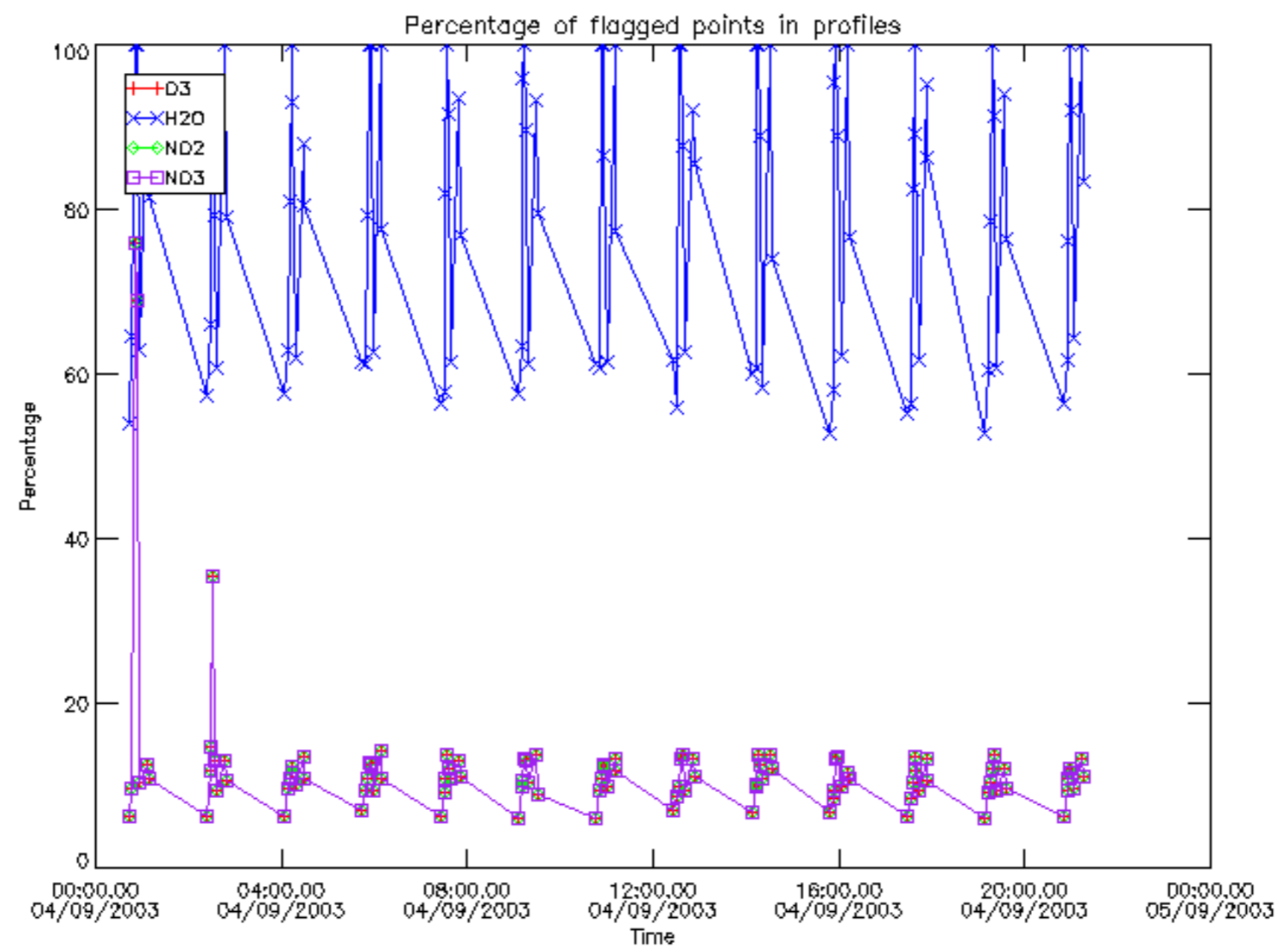




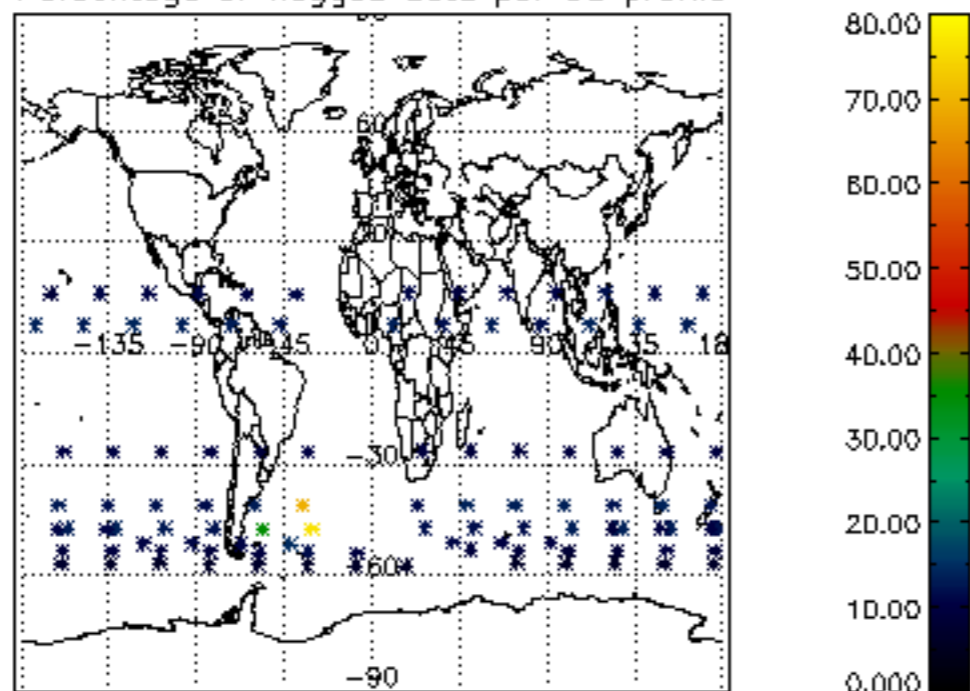




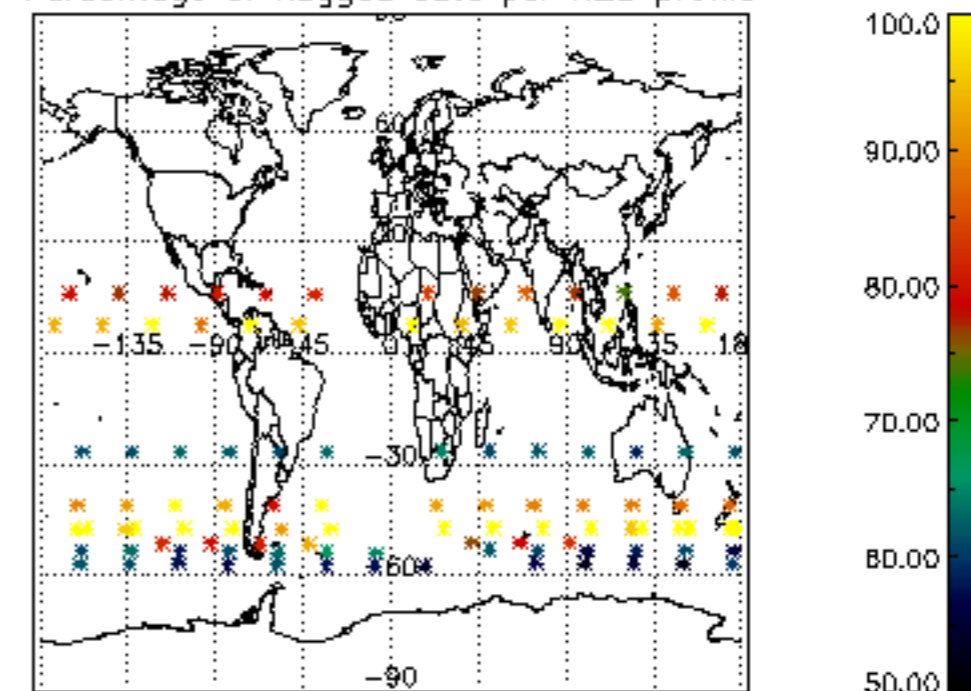




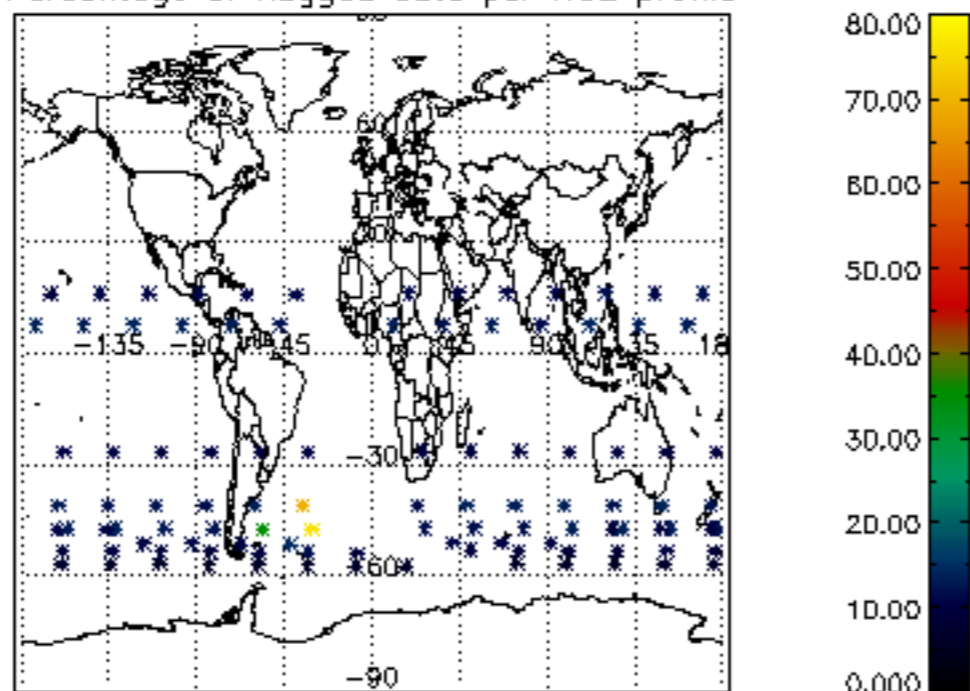
Percentage of flagged data per D3 profile



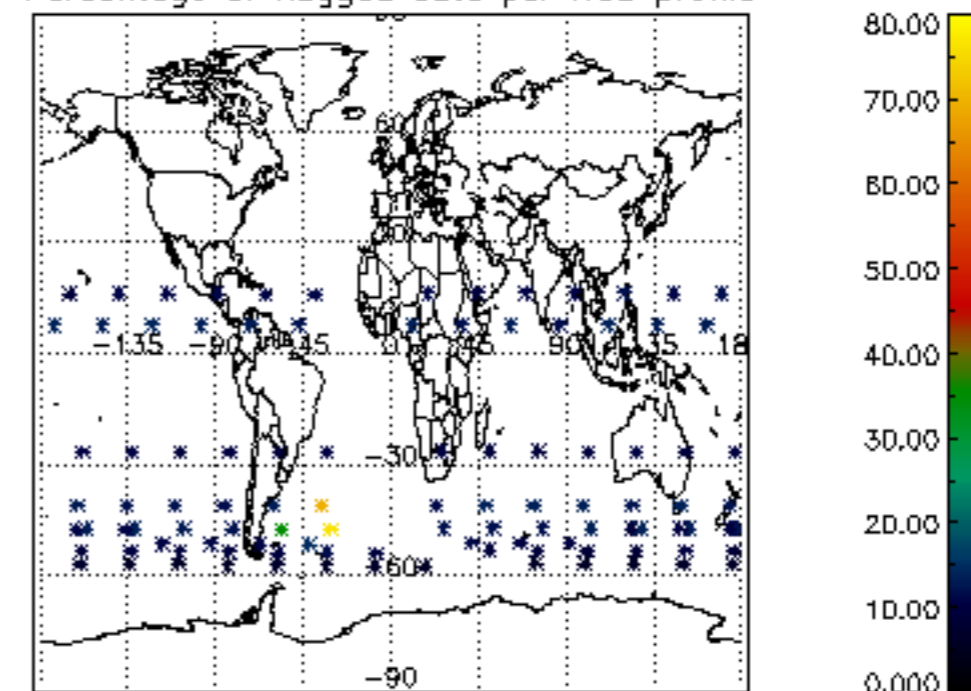
Percentage of flagged data per H2O profile

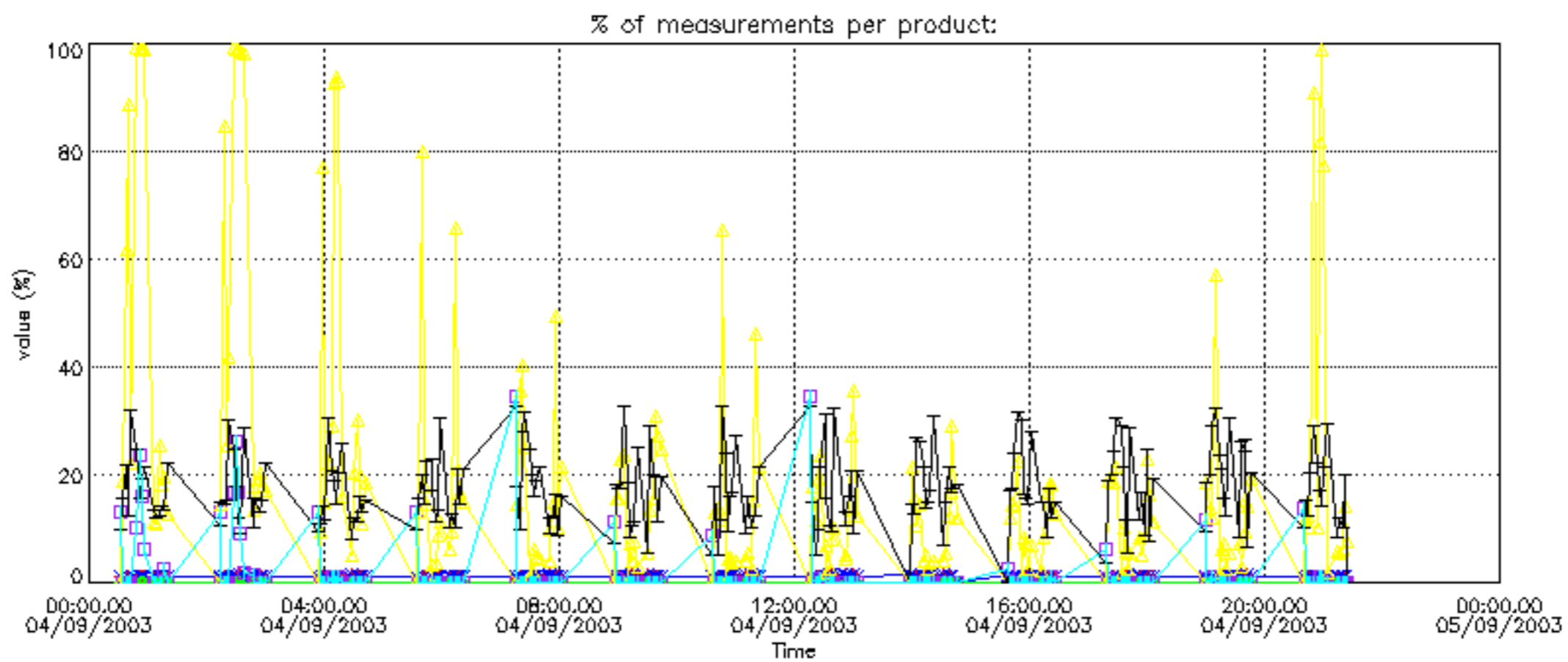


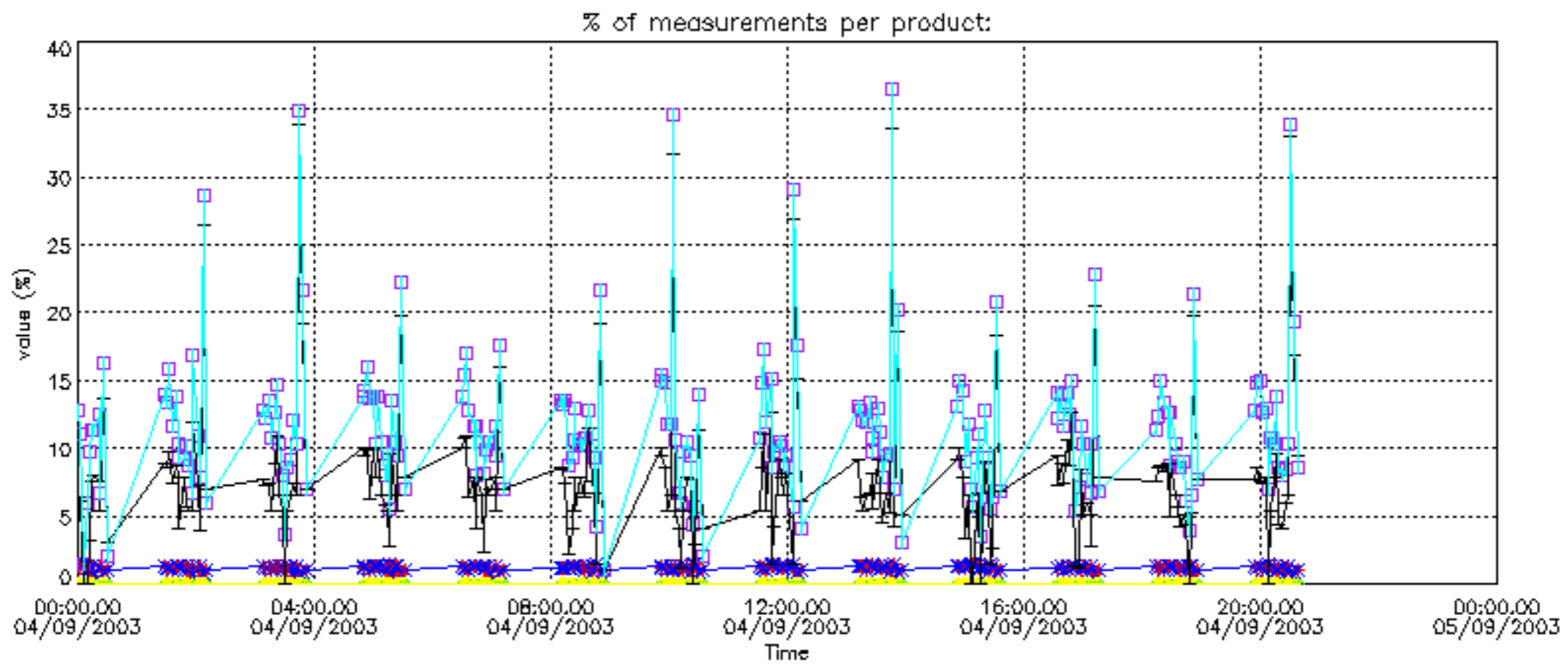
Percentage of flagged data per NO2 profile



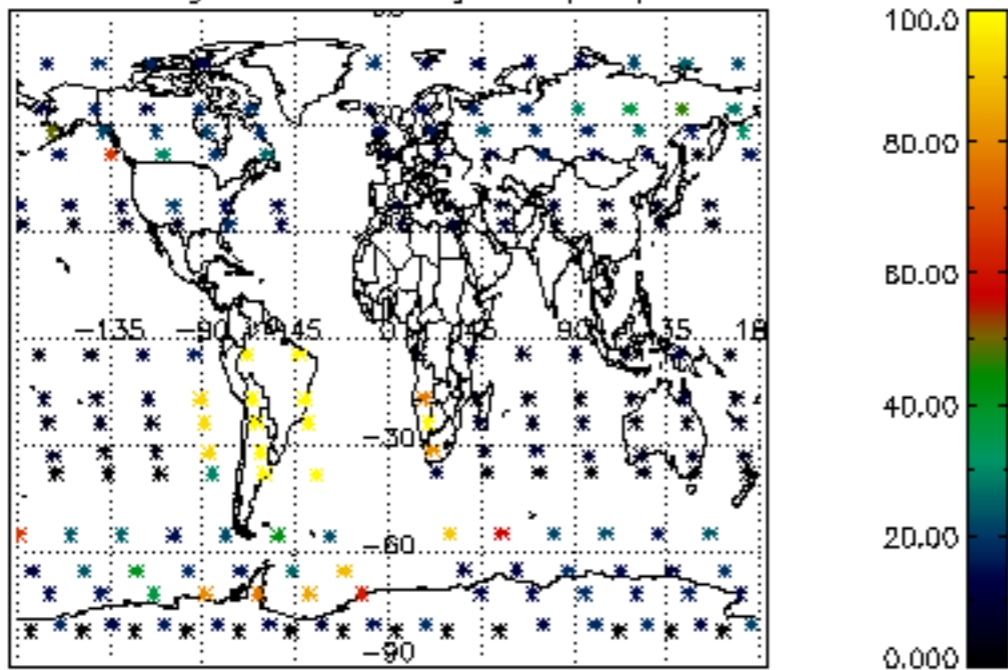
Percentage of flagged data per NO3 profile



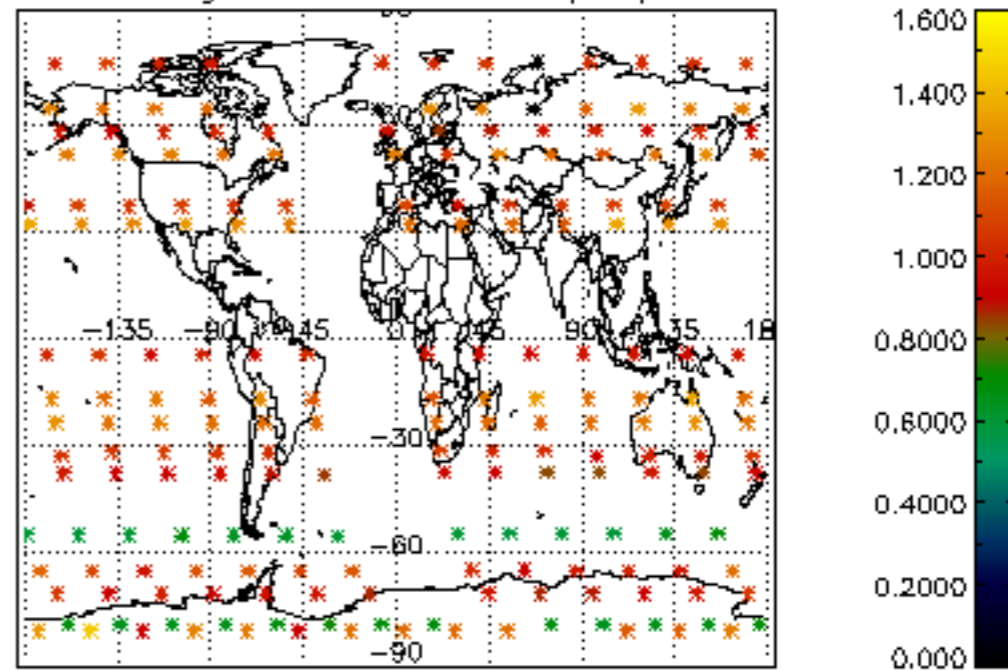




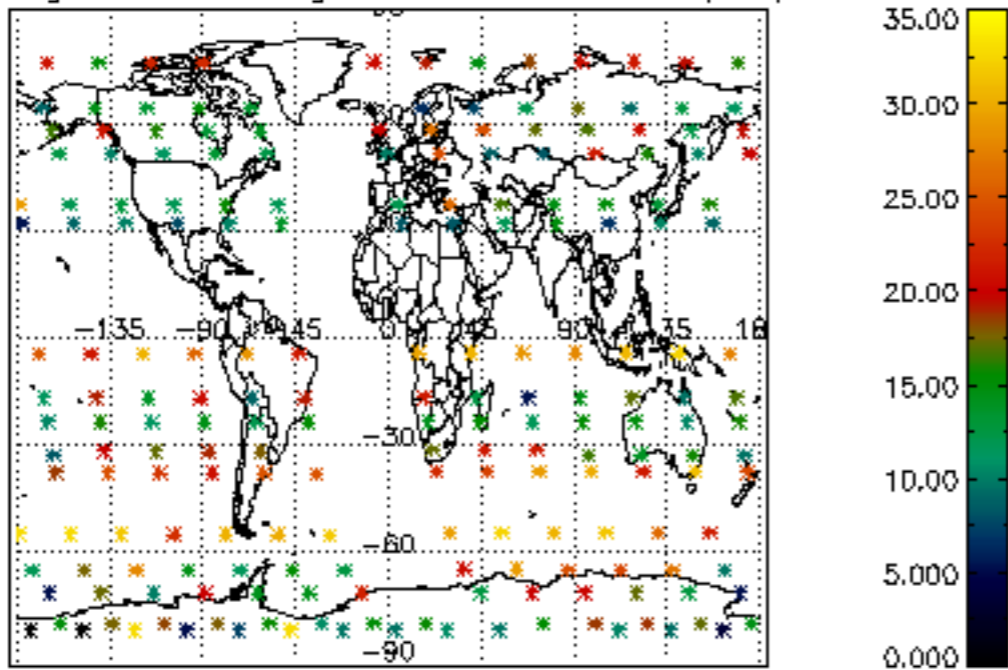
Percentage of cosmic ray hits per profile



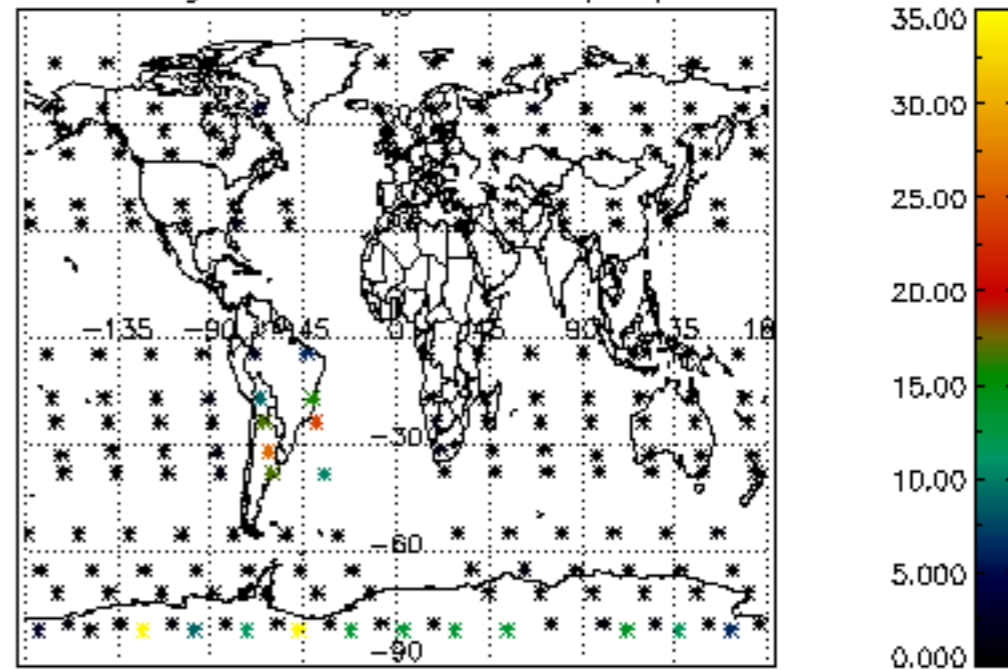
Percentage of datation errors per profile



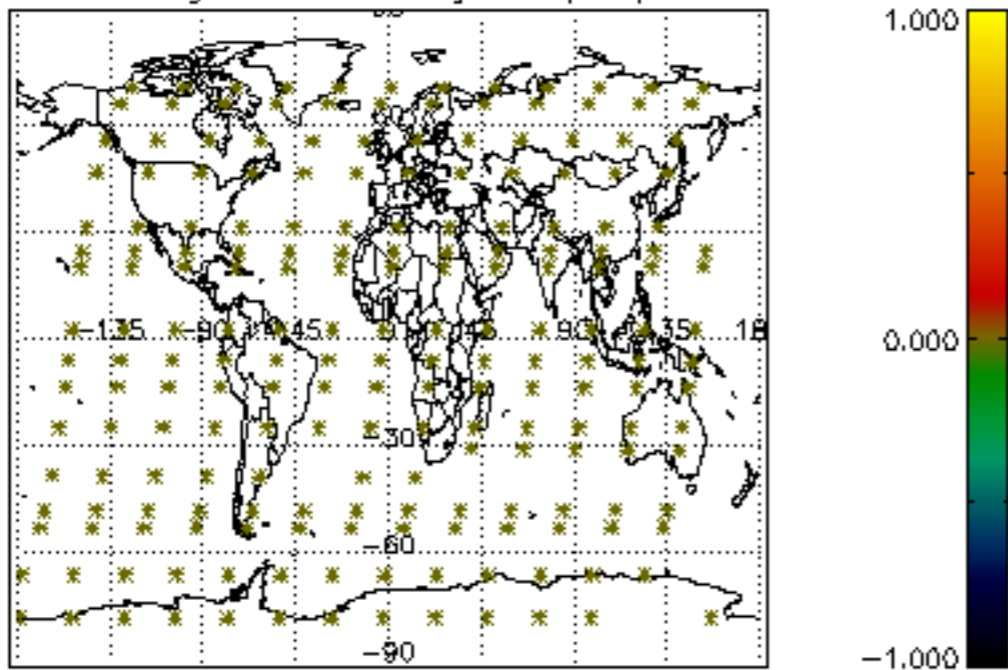
Percentage of star falling outside central band per profile



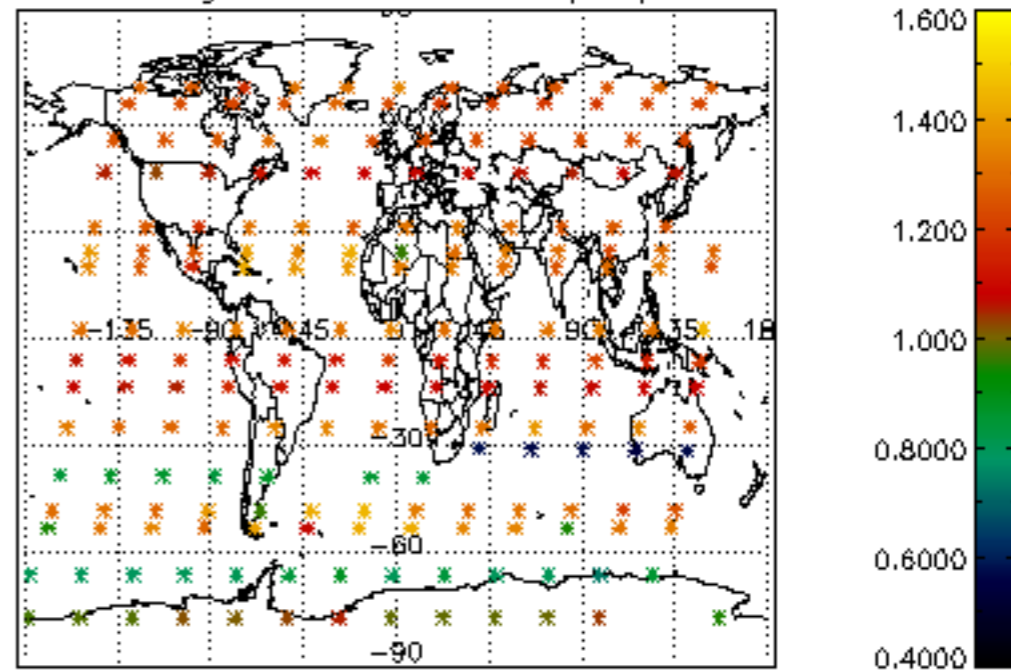
Percentage of saturation errors per profile



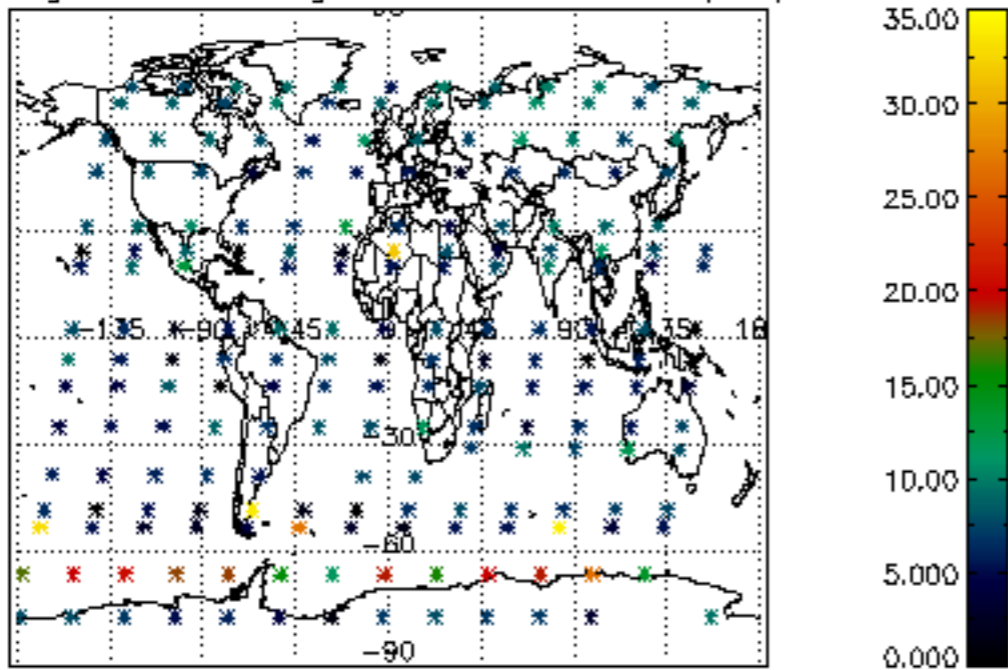
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

