GOMOS Level 2 Daily Report

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1. General info

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	17APR2013 19:31:21
Data source version	GOMOS/6.01
Start time of products	17-10-2002 (17OCT2002 00:00:00)
Stop time of products	18-10-2002 (18OCT2002 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	275
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20021017_000339_000000512010_00231_03291_2564.N1	17-OCT-2002 00:03:39	Straylight	51.000	52	16Bet Cet	2.0370	4500.0	102	3291	No
2	GOM_NL__2PRFIN20021017_001316_000000422010_00231_03291_2565.N1	17-OCT-2002 00:13:16	Bright	42.000	140	88Gam Peg	2.8340	26000.	84	3291	No
3	GOM_NL__2PRFIN20021017_001713_000000432010_00231_03291_2566.N1	17-OCT-2002 00:17:13	Bright	43.000	58	21Alp And	2.0730	11000.	86	3291	No
4	GOM_NL__2PRFIN20021017_001939_000000492010_00231_03291_2567.N1	17-OCT-2002 00:19:39	Bright	49.000	53	43Bet And	2.0480	3300.0	98	3291	No
5	GOM_NL__2PRFIN20021017_002111_000000552010_00231_03291_2568.N1	17-OCT-2002 00:21:11	Bright	54.500	173	4Bet Tri	3.0040	8900.0	109	3291	No
6	GOM_NL__2PRFIN20021017_002304_000000542010_00231_03291_2569.N1	17-OCT-2002 00:23:04	Bright	53.500	73	57Gam1And	2.2600	13100.	107	3291	No
7	GOM_NL__2PRFIN20021017_002513_000000472010_00231_03291_2570.N1	17-OCT-2002 00:25:13	Bright	46.500	68	18Alp Cas	2.2250	4500.0	93	3291	No
8	GOM_NL__2PRFIN20021017_002633_000000462010_00231_03291_2571.N1	17-OCT-2002 00:26:33	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	3291	No
9	GOM_NL__2PRFIN20021017_002810_000000452010_00231_03291_2572.N1	17-OCT-2002 00:28:10	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	3291	No
10	GOM_NL__2PRFIN20021017_003415_000000412010_00231_03291_2573.N1	17-OCT-2002 00:34:15	Bright	40.500	49	1Alp UMi	1.9900	6300.0	81	3291	No
11	GOM_NL__2PRFIN20021017_003718_000000462010_00231_03291_2574.N1	17-OCT-2002 00:37:18	Bright	45.500	60	7Bet UMi	2.0810	3950.0	91	3291	No
12	GOM_NL__2PRFIN20021017_004228_000000452010_00231_03291_2575.N1	17-OCT-2002 00:42:28	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	3291	No
13	GOM_NL__2PRFIN20021017_004402_000000592010_00231_03291_2576.N1	17-OCT-2002 00:44:02	Bright	59.000	82	48Bet UMa	2.3650	10600.	118	3291	No
14	GOM_NL__2PRFIN20021017_004727_000000432010_00231_03291_2577.N1	17-OCT-2002 00:47:27	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	3291	No
15	GOM_NL__2PRFIN20021017_005510_000001152010_00231_03291_2578.N1	17-OCT-2002 00:55:10	Twi_and_stray	114.50	17	78Bet Gem	1.1610	4500.0	229	3291	No
16	GOM_NL__2PRFIN20021017_010512_000000722010_00231_03291_2579.N1	17-OCT-2002 01:05:12	Dark	72.000	48	30Alp Hya	1.9770	4100.0	144	3291	No
17	GOM_NL__2PRFIN20021017_010958_000002252010_00231_03291_2580.N1	17-OCT-2002 01:09:58	Dark	225.00	8	10Alp CMi	0.40000	6500.0	450	3291	No
18	GOM_NL__2PRFIN20021017_011922_000000482010_00232_03292_2558.N1	17-OCT-2002 01:19:22	Dark	47.500	41	Eps Car	1.8600	4100.0	95	3292	No
19	GOM_NL__2PRFIN20021017_012117_000000812010_00232_03292_2559.N1	17-OCT-2002 01:21:17	Dark	81.000	23	21Eps CMa	1.5020	26000.	162	3292	No
20	GOM_NL__2PRFIN20021017_012431_000002132010_00232_03292_2560.N1	17-OCT-2002 01:24:31	Dark	213.00	1	9Alp CMa	-1.4400	11000.	426	3292	No
21	GOM_NL__2PRFIN20021017_012843_000002162010_00232_03292_2561.N1	17-OCT-2002 01:28:43	Dark	216.00	47	2Bet CMa	1.9760	28000.	432	3292	No
22	GOM_NL__2PRFIN20021017_013517_000000522010_00232_03292_2562.N1	17-OCT-2002 01:35:17	Straylight	52.000	157	The1Eri	2.9060	9300.0	104	3292	No
23	GOM_NL__2PRFIN20021017_013740_000000472010_00232_03292_2563.N1	17-OCT-2002 01:37:40	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	3292	No
24	GOM_NL__2PRFIN20021017_014415_000000502010_00232_03292_2564.N1	17-OCT-2002 01:44:15	Straylight	49.500	52	16Bet Cet	2.0370	4500.0	99	3292	No
25	GOM_NL__2PRFIN20021017_015352_000000432010_00232_03292_2565.N1	17-OCT-2002 01:53:52	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	3292	No
26	GOM_NL__2PRFIN20021017_015749_000000432010_00232_03292_2566.N1	17-OCT-2002 01:57:49	Bright	43.000	58	21Alp And	2.0730	11000.	86	3292	No
27	GOM_NL__2PRFIN20021017_020015_000000492010_00232_03292_2567.N1	17-OCT-2002 02:00:15	Bright	48.500	53	43Bet And	2.0480	3300.0	97	3292	No
28	GOM_NL__2PRFIN20021017_020146_000000532010_00232_03292_2568.N1	17-OCT-2002 02:01:46	Bright	52.500	173	4Bet Tri	3.0040	8900.0	105	3292	No
29	GOM_NL__2PRFIN20021017_020339_000000532010_00232_03292_2569.N1	17-OCT-2002 02:03:39	Bright	53.000	73	57Gam1And	2.2600	13100.	106	3292	No
30	GOM_NL__2PRFIN20021017_020549_000000422010_00232_03292_2570.N1	17-OCT-2002 02:05:49	Bright	41.500	68	18Alp Cas	2.2250	4500.0	83	3292	No
31	GOM_NL__2PRFIN20021017_020709_000000422010_00232_03292_2571.N1	17-OCT-2002 02:07:09	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	3292	No
32	GOM_NL__2PRFIN20021017_020847_000000442010_00232_03292_2572.N1	17-OCT-2002 02:08:47	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	3292	No
33	GOM_NL__2PRFIN20021017_021451_000000422010_00232_03292_2573.N1	17-OCT-2002 02:14:51	Bright	42.000	49	1Alp UMi	1.9900	6300.0	84	3292	No
34	GOM_NL__2PRFIN20021017_021754_000000452010_00232_03292_2574.N1	17-OCT-2002 02:17:54	Bright	44.500	60	7Bet UMi	2.0810	3950.0	89	3292	No
35	GOM_NL__2PRFIN20021017_022304_000000462010_00232_03292_2575.N1	17-OCT-2002 02:23:04	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	3292	No
36	GOM_NL__2PRFIN20021017_022438_000000442010_00232_03292_2576.N1	17-OCT-2002 02:24:38	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	3292	No
37	GOM_NL__2PRFIN20021017_022803_000000422010_00232_03292_2577.N1	17-OCT-2002 02:28:03	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	3292	No
38	GOM_NL__2PRFIN20021017_023547_000001152010_00232_03292_2578.N1	17-OCT-2002 02:35:47	Twi_and_stray	114.50	17	78Bet Gem	1.1610	4500.0	229	3292	No
39	GOM_NL__2PRFIN20021017_024548_000000662010_00232_03292_2579.N1	17-OCT-2002 02:45:48	Dark	65.500	48	30Alp Hya	1.9770	4100.0	131	3292	No
40	GOM_NL__2PRFIN20021017_025038_000002042010_00232_03292_2580.N1	17-OCT-2002 02:50:38	Dark	204.00	8	10Alp CMi	0.40000	6500.0	408	3292	No
41	GOM_NL__2PRFIN20021017_025959_000000472010_00233_03293_2558.N1	17-OCT-2002 02:59:59	Dark	46.500	41	Eps Car	1.8600	4100.0	93	3293	No
42	GOM_NL__2PRFIN20021017_030155_000000792010_00233_03293_2559.N1	17-OCT-2002 03:01:55	Dark	79.000	23	21Eps CMa	1.5020	26000.	158	3293	No

43	GOM_NL__2PRFIN20021017_030510_000001862010_00233_03293_2560.N1	17-OCT-2002 03:05:10	Dark	185.50	1	9Alp CMa	-1.4400	11000.	371	3293	No
44	GOM_NL__2PRFIN20021017_030922_000002162010_00233_03293_2561.N1	17-OCT-2002 03:09:22	Dark	215.50	47	2Bet CMa	1.9760	28000.	431	3293	No
45	GOM_NL__2PRFIN20021017_031553_000000552010_00233_03293_2562.N1	17-OCT-2002 03:15:53	Straylight	54.500	157	The1Eri	2.9060	9300.0	109	3293	No
46	GOM_NL__2PRFIN20021017_031816_000000492010_00233_03293_2563.N1	17-OCT-2002 03:18:16	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	3293	No
47	GOM_NL__2PRFIN20021017_032451_000000512010_00233_03293_2564.N1	17-OCT-2002 03:24:51	Straylight	50.500	52	16Bet Cet	2.0370	4500.0	101	3293	No
48	GOM_NL__2PRFIN20021017_033428_000000432010_00233_03293_2565.N1	17-OCT-2002 03:34:28	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	3293	No
49	GOM_NL__2PRFIN20021017_033825_000000442010_00233_03293_2566.N1	17-OCT-2002 03:38:25	Bright	43.500	58	21Alp And	2.0730	11000.	87	3293	No
50	GOM_NL__2PRFIN20021017_034050_000000472010_00233_03293_2567.N1	17-OCT-2002 03:40:50	Bright	47.000	53	43Bet And	2.0480	3300.0	94	3293	No
51	GOM_NL__2PRFIN20021017_034221_000000532010_00233_03293_2568.N1	17-OCT-2002 03:42:21	Bright	53.000	173	4Bet Tri	3.0040	8900.0	106	3293	No
52	GOM_NL__2PRFIN20021017_034414_000000522010_00233_03293_2569.N1	17-OCT-2002 03:44:14	Bright	52.000	73	57Gam1And	2.2600	13100.	104	3293	No
53	GOM_NL__2PRFIN20021017_034624_000000462010_00233_03293_2570.N1	17-OCT-2002 03:46:24	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	3293	No
54	GOM_NL__2PRFIN20021017_034745_000000452010_00233_03293_2571.N1	17-OCT-2002 03:47:45	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	3293	No
55	GOM_NL__2PRFIN20021017_034923_000000432010_00233_03293_2572.N1	17-OCT-2002 03:49:23	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	3293	No
56	GOM_NL__2PRFIN20021017_035526_000000422010_00233_03293_2573.N1	17-OCT-2002 03:55:26	Bright	42.000	49	1Alp UMi	1.9900	6300.0	84	3293	No
57	GOM_NL__2PRFIN20021017_035831_000000452010_00233_03293_2574.N1	17-OCT-2002 03:58:31	Bright	44.500	60	7Bet UMi	2.0810	3950.0	89	3293	No
58	GOM_NL__2PRFIN20021017_040341_000000432010_00233_03293_2575.N1	17-OCT-2002 04:03:41	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	3293	No
59	GOM_NL__2PRFIN20021017_040514_000000432010_00233_03293_2576.N1	17-OCT-2002 04:05:14	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	3293	No
60	GOM_NL__2PRFIN20021017_040839_000000442010_00233_03293_2577.N1	17-OCT-2002 04:08:39	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	3293	No
61	GOM_NL__2PRFIN20021017_041623_000001242010_00233_03293_2578.N1	17-OCT-2002 04:16:23	Twi_and_stray	124.00	17	78Bet Gem	1.1610	4500.0	248	3293	No
62	GOM_NL__2PRFIN20021017_042625_000000672010_00233_03293_2579.N1	17-OCT-2002 04:26:25	Dark	67.000	48	30Alp Hya	1.9770	4100.0	134	3293	No
63	GOM_NL__2PRFIN20021017_043117_000001932010_00233_03293_2580.N1	17-OCT-2002 04:31:17	Dark	193.00	8	10Alp CMi	0.40000	6500.0	386	3293	No
64	GOM_NL__2PRFIN20021017_044035_000000472010_00234_03294_2560.N1	17-OCT-2002 04:40:35	Dark	47.000	41	Eps Car	1.8600	4100.0	94	3294	No
65	GOM_NL__2PRFIN20021017_044232_000000812010_00234_03294_2561.N1	17-OCT-2002 04:42:32	Dark	81.000	23	21Eps CMa	1.5020	26000.	162	3294	No
66	GOM_NL__2PRFIN20021017_044549_000001832010_00234_03294_2562.N1	17-OCT-2002 04:45:49	Dark	182.50	1	9Alp CMa	-1.4400	11000.	365	3294	No
67	GOM_NL__2PRFIN20021017_045002_000002192010_00234_03294_2563.N1	17-OCT-2002 04:50:02	Dark	218.50	47	2Bet CMa	1.9760	28000.	437	3294	No
68	GOM_NL__2PRFIN20021017_045629_000000522010_00234_03294_2564.N1	17-OCT-2002 04:56:29	Straylight	52.000	157	The1Eri	2.9060	9300.0	104	3294	No
69	GOM_NL__2PRFIN20021017_045852_000000482010_00234_03294_2565.N1	17-OCT-2002 04:58:52	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	3294	No
70	GOM_NL__2PRFIN20021017_050527_000000482010_00234_03294_2566.N1	17-OCT-2002 05:05:27	Straylight	48.000	52	16Bet Cet	2.0370	4500.0	96	3294	No
71	GOM_NL__2PRFIN20021017_051503_000000432010_00234_03294_2567.N1	17-OCT-2002 05:15:03	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	3294	No
72	GOM_NL__2PRFIN20021017_051900_000000442010_00234_03294_2568.N1	17-OCT-2002 05:19:00	Bright	43.500	58	21Alp And	2.0730	11000.	87	3294	No
73	GOM_NL__2PRFIN20021017_052126_000000502010_00234_03294_2569.N1	17-OCT-2002 05:21:26	Bright	50.000	53	43Bet And	2.0480	3300.0	100	3294	No
74	GOM_NL__2PRFIN20021017_052257_000000542010_00234_03294_2570.N1	17-OCT-2002 05:22:57	Bright	53.500	173	4Bet Tri	3.0040	8900.0	107	3294	No
75	GOM_NL__2PRFIN20021017_052450_000000552010_00234_03294_2571.N1	17-OCT-2002 05:24:50	Bright	54.500	73	57Gam1And	2.2600	13100.	109	3294	No
76	GOM_NL__2PRFIN20021017_052700_000000462010_00234_03294_2572.N1	17-OCT-2002 05:27:00	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	3294	No
77	GOM_NL__2PRFIN20021017_052821_000000452010_00234_03294_2573.N1	17-OCT-2002 05:28:21	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	3294	No
78	GOM_NL__2PRFIN20021017_052959_000000422010_00234_03294_2574.N1	17-OCT-2002 05:29:59	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	3294	No
79	GOM_NL__2PRFIN20021017_053603_000000432010_00234_03294_2575.N1	17-OCT-2002 05:36:03	Bright	42.500	49	1Alp UMi	1.9900	6300.0	85	3294	No
80	GOM_NL__2PRFIN20021017_053907_000000412010_00234_03294_2576.N1	17-OCT-2002 05:39:07	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	3294	No
81	GOM_NL__2PRFIN20021017_054417_000000462010_00234_03294_2577.N1	17-OCT-2002 05:44:17	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	3294	No
82	GOM_NL__2PRFIN20021017_054551_000000442010_00234_03294_2578.N1	17-OCT-2002 05:45:51	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	3294	No
83	GOM_NL__2PRFIN20021017_054915_000000422010_00234_03294_2579.N1	17-OCT-2002 05:49:15	Bright	42.000	174	52Psi UMa	3.0040	4400.0	84	3294	No
84	GOM_NL__2PRFIN20021017_055700_000001232010_00234_03294_2580.N1	17-OCT-2002 05:57:00	Twi_and_stray	122.50	17	78Bet Gem	1.1610	4500.0	245	3294	No
85	GOM_NL__2PRFIN20021017_060702_000000722010_00234_03294_2581.N1	17-OCT-2002 06:07:02	Dark	71.500	48	30Alp Hya	1.9770	4100.0	143	3294	No
86	GOM_NL__2PRFIN20021017_061156_000002542010_00234_03294_2582.N1	17-OCT-2002 06:11:56	Dark	254.00	8	10Alp CMi	0.40000	6500.0	508	3294	No
87	GOM_NL__2PRFIN20021017_062628_000001982010_00235_03295_2558.N1	17-OCT-2002 06:26:28	Dark	197.50	1	9Alp CMa	-1.4400	11000.	395	3295	No
88	GOM_NL__2PRFIN20021017_063302_000000452010_00235_03295_2559.N1	17-OCT-2002 06:33:02	Dark	45.000	143	Alp Hyi	2.8570	7200.0	90	3295	No
89	GOM_NL__2PRFIN20021017_063428_000000502010_00235_03295_2560.N1	17-OCT-2002 06:34:28	Dark	50.000	9	Alp Eri	0.45300	24000.	100	3295	No
90	GOM_NL__2PRFIN20021017_063705_000000562010_00235_03295_2561.N1	17-OCT-2002 06:37:05	Straylight	55.500	157	The1Eri	2.9060	9300.0	111	3295	No
91	GOM_NL__2PRFIN20021017_063928_000000492010_00235_03295_2562.N1	17-OCT-2002 06:39:28	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	3295	No
92	GOM_NL__2PRFIN20021017_064602_000000542010_00235_03295_2563.N1	17-OCT-2002 06:46:02	Straylight	54.000	52	16Bet Cet	2.0370	4500.0	108	3295	No
93	GOM_NL__2PRFIN20021017_065539_000000452010_00235_03295_2564.N1	17-OCT-2002 06:55:39	Bright	44.500	140	88Gam Peg	2.8340	26000.	89	3295	No
94	GOM_NL__2PRFIN20021017_065936_000000442010_00235_03295_2565.N1	17-OCT-2002 06:59:36	Bright	43.500	58	21Alp And	2.0730	11000.	87	3295	No
95	GOM_NL__2PRFIN20021017_070201_000000472010_00235_03295_2566.N1	17-OCT-2002 07:02:01	Bright	47.000	53	43Bet And	2.0480	3300.0	94	3295	No
96	GOM_NL__2PRFIN20021017_070331_000000552010_00235_03295_2567.N1	17-OCT-2002 07:03:31	Bright	55.000	173	4Bet Tri	3.0040	8900.0	110	3295	No
97	GOM_NL__2PRFIN20021017_070524_000000572010_00235_03295_2568.N1	17-OCT-2002 07:05:24	Bright	56.500	73	57Gam1And	2.2600	13100.	113	3295	No
98	GOM_NL__2PRFIN20021017_070735_000000462010_00235_03295_2569.N1	17-OCT-2002 07:07:35	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	3295	No
99	GOM_NL__2PRFIN20021017_070856_000000462010_00235_03295_2570.N1	17-OCT-2002 07:08:56	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	3295	No
100	GOM_NL__2PRFIN20021017_071035_000000442010_00235_03295_2571.N1	17-OCT-2002 07:10:35	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	3295	No
101	GOM_NL__2PRFIN20021017_071638_000000442010_00235_03295_2572.N1	17-OCT-2002 07:16:38	Bright	44.000	49	1Alp UMi	1.9900	6300.0	88	3295	No

102	GOM_NL__2PRFIN20021017_071943_000000592010_00235_03295_2573.N1	17-OCT-2002 07:19:43	Bright	59.000	60	7Bet UMi	2.0810	3950.0	118	3295	No
103	GOM_NL__2PRFIN20021017_072452_000000452010_00235_03295_2574.N1	17-OCT-2002 07:24:52	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	3295	No
104	GOM_NL__2PRFIN20021017_072626_000000442010_00235_03295_2575.N1	17-OCT-2002 07:26:26	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	3295	No
105	GOM_NL__2PRFIN20021017_072951_000000522010_00235_03295_2576.N1	17-OCT-2002 07:29:51	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	3295	No
106	GOM_NL__2PRFIN20021017_073736_000001242010_00235_03295_2577.N1	17-OCT-2002 07:37:36	Twi_and_stray	124.00	17	78Bet Gem	1.1610	4500.0	248	3295	No
107	GOM_NL__2PRFIN20021017_074739_000000602010_00235_03295_2578.N1	17-OCT-2002 07:47:39	Dark	60.000	48	30Alp Hya	1.9770	4100.0	120	3295	No
108	GOM_NL__2PRFIN20021017_075236_000002482010_00235_03295_2579.N1	17-OCT-2002 07:52:36	Dark	248.00	8	10Alp CMi	0.40000	6500.0	496	3295	No
109	GOM_NL__2PRFIN20021017_075935_000000572010_00235_03295_2580.N1	17-OCT-2002 07:59:35	Dark	56.500	70	Zet Pup	2.2460	39000.	113	3295	No
110	GOM_NL__2PRFIN20021017_080707_000002022010_00236_03296_2579.N1	17-OCT-2002 08:07:07	Dark	201.50	1	9Alp CMa	-1.4400	11000.	403	3296	No
111	GOM_NL__2PRFIN20021017_081338_000000452010_00236_03296_2580.N1	17-OCT-2002 08:13:38	Dark	45.000	143	Alp Hyi	2.8570	7200.0	90	3296	No
112	GOM_NL__2PRFIN20021017_081504_000000542010_00236_03296_2581.N1	17-OCT-2002 08:15:04	Dark	53.500	9	Alp Eri	0.45300	24000.	107	3296	No
113	GOM_NL__2PRFIN20021017_081742_000000532010_00236_03296_2582.N1	17-OCT-2002 08:17:42	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	3296	No
114	GOM_NL__2PRFIN20021017_082004_000000522010_00236_03296_2583.N1	17-OCT-2002 08:20:04	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	3296	No
115	GOM_NL__2PRFIN20021017_082638_000000532010_00236_03296_2584.N1	17-OCT-2002 08:26:38	Straylight	53.000	52	16Bet Cet	2.0370	4500.0	106	3296	No
116	GOM_NL__2PRFIN20021017_083615_000000442010_00236_03296_2585.N1	17-OCT-2002 08:36:15	Bright	43.500	140	88Gam Peg	2.8340	26000.	87	3296	No
117	GOM_NL__2PRFIN20021017_084012_000000442010_00236_03296_2586.N1	17-OCT-2002 08:40:12	Bright	44.000	58	21Alp And	2.0730	11000.	88	3296	No
118	GOM_NL__2PRFIN20021017_084236_000000472010_00236_03296_2587.N1	17-OCT-2002 08:42:36	Bright	47.000	53	43Bet And	2.0480	3300.0	94	3296	No
119	GOM_NL__2PRFIN20021017_084406_000000552010_00236_03296_2588.N1	17-OCT-2002 08:44:06	Bright	55.000	173	4Bet Tri	3.0040	8900.0	110	3296	No
120	GOM_NL__2PRFIN20021017_084600_000000542010_00236_03296_2589.N1	17-OCT-2002 08:46:00	Bright	54.000	73	57Gam1And	2.2600	13100.	108	3296	No
121	GOM_NL__2PRFIN20021017_084811_000000472010_00236_03296_2590.N1	17-OCT-2002 08:48:11	Bright	47.000	68	18Alp Cas	2.2250	4500.0	94	3296	No
122	GOM_NL__2PRFIN20021017_084931_000000462010_00236_03296_2591.N1	17-OCT-2002 08:49:31	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	3296	No
123	GOM_NL__2PRFIN20021017_085111_000000432010_00236_03296_2592.N1	17-OCT-2002 08:51:11	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	3296	No
124	GOM_NL__2PRFIN20021017_085714_000000412010_00236_03296_2593.N1	17-OCT-2002 08:57:14	Bright	41.000	49	1Alp UMi	1.9900	6300.0	82	3296	No
125	GOM_NL__2PRFIN20021017_090019_000000442010_00236_03296_2594.N1	17-OCT-2002 09:00:19	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	3296	No
126	GOM_NL__2PRFIN20021017_090528_000000432010_00236_03296_2595.N1	17-OCT-2002 09:05:28	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	3296	No
127	GOM_NL__2PRFIN20021017_090702_000000422010_00236_03296_2596.N1	17-OCT-2002 09:07:02	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	3296	No
128	GOM_NL__2PRFIN20021017_091026_000000442010_00236_03296_2597.N1	17-OCT-2002 09:10:26	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	3296	No
129	GOM_NL__2PRFIN20021017_091813_000001252010_00236_03296_2598.N1	17-OCT-2002 09:18:13	Twi_and_stray	125.00	17	78Bet Gem	1.1610	4500.0	250	3296	No
130	GOM_NL__2PRFIN20021017_092815_000000622010_00236_03296_2599.N1	17-OCT-2002 09:28:15	Dark	61.500	48	30Alp Hya	1.9770	4100.0	123	3296	No
131	GOM_NL__2PRFIN20021017_093315_000002512010_00236_03296_2600.N1	17-OCT-2002 09:33:15	Dark	250.50	8	10Alp CMi	0.40000	6500.0	501	3296	No
132	GOM_NL__2PRFIN20021017_094012_000000562010_00236_03296_2601.N1	17-OCT-2002 09:40:12	Dark	56.000	70	Zet Pup	2.2460	39000.	112	3296	No
133	GOM_NL__2PRFIN20021017_094747_000002132010_00237_03297_2586.N1	17-OCT-2002 09:47:47	Dark	213.00	1	9Alp CMa	-1.4400	11000.	426	3297	No
134	GOM_NL__2PRFIN20021017_095414_000000452010_00237_03297_2587.N1	17-OCT-2002 09:54:14	Dark	44.500	143	Alp Hyi	2.8570	7200.0	89	3297	No
135	GOM_NL__2PRFIN20021017_095540_000000472010_00237_03297_2588.N1	17-OCT-2002 09:55:40	Dark	47.000	9	Alp Eri	0.45300	24000.	94	3297	No
136	GOM_NL__2PRFIN20021017_095818_000000532010_00237_03297_2589.N1	17-OCT-2002 09:58:18	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	3297	No
137	GOM_NL__2PRFIN20021017_100040_000000472010_00237_03297_2590.N1	17-OCT-2002 10:00:40	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	3297	No
138	GOM_NL__2PRFIN20021017_100714_000000492010_00237_03297_2591.N1	17-OCT-2002 10:07:14	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	3297	No
139	GOM_NL__2PRFIN20021017_101651_000000432010_00237_03297_2592.N1	17-OCT-2002 10:16:51	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	3297	No
140	GOM_NL__2PRFIN20021017_102047_000000452010_00237_03297_2593.N1	17-OCT-2002 10:20:47	Bright	44.500	58	21Alp And	2.0730	11000.	89	3297	No
141	GOM_NL__2PRFIN20021017_102312_000000482010_00237_03297_2594.N1	17-OCT-2002 10:23:12	Bright	47.500	53	43Bet And	2.0480	3300.0	95	3297	No
142	GOM_NL__2PRFIN20021017_102442_000000552010_00237_03297_2595.N1	17-OCT-2002 10:24:42	Bright	54.500	173	4Bet Tri	3.0040	8900.0	109	3297	No
143	GOM_NL__2PRFIN20021017_102635_000000552010_00237_03297_2596.N1	17-OCT-2002 10:26:35	Bright	55.000	73	57Gam1And	2.2600	13100.	110	3297	No
144	GOM_NL__2PRFIN20021017_102847_000000462010_00237_03297_2597.N1	17-OCT-2002 10:28:47	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	3297	No
145	GOM_NL__2PRFIN20021017_103007_000000462010_00237_03297_2598.N1	17-OCT-2002 10:30:07	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	3297	No
146	GOM_NL__2PRFIN20021017_103147_000000432010_00237_03297_2599.N1	17-OCT-2002 10:31:47	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	3297	No
147	GOM_NL__2PRFIN20021017_103750_000000432010_00237_03297_2600.N1	17-OCT-2002 10:37:50	Bright	43.000	49	1Alp UMi	1.9900	6300.0	86	3297	No
148	GOM_NL__2PRFIN20021017_104055_000000442010_00237_03297_2601.N1	17-OCT-2002 10:40:55	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	3297	No
149	GOM_NL__2PRFIN20021017_104604_000000452010_00237_03297_2602.N1	17-OCT-2002 10:46:04	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	3297	No
150	GOM_NL__2PRFIN20021017_104738_000000432010_00237_03297_2603.N1	17-OCT-2002 10:47:38	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	3297	No
151	GOM_NL__2PRFIN20021017_105102_000000432010_00237_03297_2604.N1	17-OCT-2002 10:51:02	Bright	42.500	174	52Psi UMa	3.0040	4400.0	85	3297	No
152	GOM_NL__2PRFIN20021017_105849_000001192010_00237_03297_2605.N1	17-OCT-2002 10:58:49	Twi_and_stray	119.00	17	78Bet Gem	1.1610	4500.0	238	3297	No
153	GOM_NL__2PRFIN20021017_110852_000000652010_00237_03297_2606.N1	17-OCT-2002 11:08:52	Dark	65.000	48	30Alp Hya	1.9770	4100.0	130	3297	No
154	GOM_NL__2PRFIN20021017_111355_000002162010_00237_03297_2607.N1	17-OCT-2002 11:13:55	Dark	215.50	8	10Alp CMi	0.40000	6500.0	431	3297	No
155	GOM_NL__2PRFIN20021017_112049_000000542010_00237_03297_2608.N1	17-OCT-2002 11:20:49	Dark	54.000	70	Zet Pup	2.2460	39000.	108	3297	No
156	GOM_NL__2PRFIN20021017_112826_000002142010_00238_03298_2715.N1	17-OCT-2002 11:28:26	Dark	213.50	1	9Alp CMa	-1.4400	11000.	427	3298	No
157	GOM_NL__2PRFIN20021017_113450_000000452010_00238_03298_2716.N1	17-OCT-2002 11:34:50	Dark	45.000	143	Alp Hyi	2.8570	7200.0	90	3298	No
158	GOM_NL__2PRFIN20021017_113616_000000562010_00238_03298_2717.N1	17-OCT-2002 11:36:16	Dark	55.500	9	Alp Eri	0.45300	24000.	111	3298	No
159	GOM_NL__2PRFIN20021017_113855_000000532010_00238_03298_2718.N1	17-OCT-2002 11:38:55	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	3298	No
160	GOM_NL__2PRFIN20021017_114116_000000462010_00238_03298_2719.N1	17-OCT-2002 11:41:16	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	3298	No

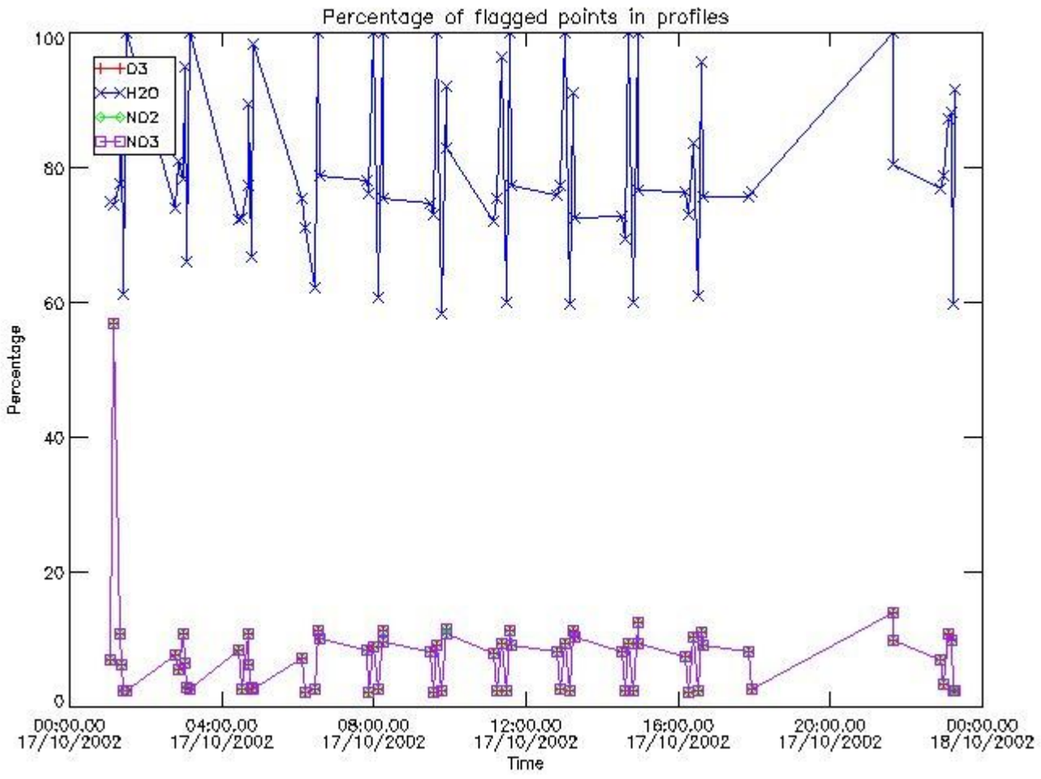
161	GOM_NL__2PRFIN20021017_114750_000000522010_00238_03298_2720.N1	17-OCT-2002 11:47:50	Straylight	52.000	52	16Bet Cet	2.0370	4500.0	104	3298	No
162	GOM_NL__2PRFIN20021017_115727_000000432010_00238_03298_2721.N1	17-OCT-2002 11:57:27	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	3298	No
163	GOM_NL__2PRFIN20021017_120123_000000442010_00238_03298_2722.N1	17-OCT-2002 12:01:23	Bright	44.000	58	21Alp And	2.0730	11000.	88	3298	No
164	GOM_NL__2PRFIN20021017_120348_000000472010_00238_03298_2723.N1	17-OCT-2002 12:03:48	Bright	46.500	53	43Bet And	2.0480	3300.0	93	3298	No
165	GOM_NL__2PRFIN20021017_120517_000000552010_00238_03298_2724.N1	17-OCT-2002 12:05:17	Bright	54.500	173	4Bet Tri	3.0040	8900.0	109	3298	No
166	GOM_NL__2PRFIN20021017_120711_000000552010_00238_03298_2725.N1	17-OCT-2002 12:07:11	Bright	54.500	73	57Gam1And	2.2600	13100.	109	3298	No
167	GOM_NL__2PRFIN20021017_120922_000000432010_00238_03298_2726.N1	17-OCT-2002 12:09:22	Bright	42.500	68	18Alp Cas	2.2250	4500.0	85	3298	No
168	GOM_NL__2PRFIN20021017_121043_000000462010_00238_03298_2727.N1	17-OCT-2002 12:10:43	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	3298	No
169	GOM_NL__2PRFIN20021017_121224_000000442010_00238_03298_2728.N1	17-OCT-2002 12:12:24	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	3298	No
170	GOM_NL__2PRFIN20021017_121826_000000432010_00238_03298_2729.N1	17-OCT-2002 12:18:26	Bright	43.000	49	1Alp UMi	1.9900	6300.0	86	3298	No
171	GOM_NL__2PRFIN20021017_122131_000000452010_00238_03298_2730.N1	17-OCT-2002 12:21:31	Bright	45.000	60	7Bet UMi	2.0810	3950.0	90	3298	No
172	GOM_NL__2PRFIN20021017_122640_000000412010_00238_03298_2731.N1	17-OCT-2002 12:26:40	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	3298	No
173	GOM_NL__2PRFIN20021017_122814_000000442010_00238_03298_2732.N1	17-OCT-2002 12:28:14	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	3298	No
174	GOM_NL__2PRFIN20021017_123138_000000432010_00238_03298_2733.N1	17-OCT-2002 12:31:38	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	3298	No
175	GOM_NL__2PRFIN20021017_123925_000001272010_00238_03298_2734.N1	17-OCT-2002 12:39:25	Twi_and_stray	126.50	17	78Bet Gem	1.1610	4500.0	253	3298	No
176	GOM_NL__2PRFIN20021017_124928_000000632010_00238_03298_2735.N1	17-OCT-2002 12:49:28	Dark	62.500	48	30Alp Hya	1.9770	4100.0	125	3298	No
177	GOM_NL__2PRFIN20021017_125434_000001922010_00238_03298_2736.N1	17-OCT-2002 12:54:34	Dark	192.00	8	10Alp CMi	0.40000	6500.0	384	3298	No
178	GOM_NL__2PRFIN20021017_130126_000000552010_00238_03298_2737.N1	17-OCT-2002 13:01:26	Dark	54.500	70	Zet Pup	2.2460	39000.	109	3298	No
179	GOM_NL__2PRFIN20021017_130906_000002112010_00239_03299_2715.N1	17-OCT-2002 13:09:06	Dark	211.00	1	9Alp CMa	-1.4400	11000.	422	3299	No
180	GOM_NL__2PRFIN20021017_131527_000000452010_00239_03299_2716.N1	17-OCT-2002 13:15:27	Dark	45.000	143	Alp Hyi	2.8570	7200.0	90	3299	No
181	GOM_NL__2PRFIN20021017_131653_000000502010_00239_03299_2717.N1	17-OCT-2002 13:16:53	Dark	49.500	9	Alp Eri	0.45300	24000.	99	3299	No
182	GOM_NL__2PRFIN20021017_131931_000000532010_00239_03299_2718.N1	17-OCT-2002 13:19:31	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	3299	No
183	GOM_NL__2PRFIN20021017_132152_000000492010_00239_03299_2719.N1	17-OCT-2002 13:21:52	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	3299	No
184	GOM_NL__2PRFIN20021017_132827_000000522010_00239_03299_2720.N1	17-OCT-2002 13:28:27	Straylight	52.000	52	16Bet Cet	2.0370	4500.0	104	3299	No
185	GOM_NL__2PRFIN20021017_133803_000000442010_00239_03299_2721.N1	17-OCT-2002 13:38:03	Bright	43.500	140	88Gam Peg	2.8340	26000.	87	3299	No
186	GOM_NL__2PRFIN20021017_134200_000000432010_00239_03299_2722.N1	17-OCT-2002 13:42:00	Bright	43.000	58	21Alp And	2.0730	11000.	86	3299	No
187	GOM_NL__2PRFIN20021017_134423_000000452010_00239_03299_2723.N1	17-OCT-2002 13:44:23	Bright	45.000	53	43Bet And	2.0480	3300.0	90	3299	No
188	GOM_NL__2PRFIN20021017_134552_000000552010_00239_03299_2724.N1	17-OCT-2002 13:45:52	Bright	54.500	173	4Bet Tri	3.0040	8900.0	109	3299	No
189	GOM_NL__2PRFIN20021017_134746_000000502010_00239_03299_2725.N1	17-OCT-2002 13:47:46	Bright	50.000	73	57Gam1And	2.2600	13100.	100	3299	No
190	GOM_NL__2PRFIN20021017_134958_000000462010_00239_03299_2726.N1	17-OCT-2002 13:49:58	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	3299	No
191	GOM_NL__2PRFIN20021017_135119_000000452010_00239_03299_2727.N1	17-OCT-2002 13:51:19	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	3299	No
192	GOM_NL__2PRFIN20021017_135300_000000442010_00239_03299_2728.N1	17-OCT-2002 13:53:00	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	3299	No
193	GOM_NL__2PRFIN20021017_135902_000000432010_00239_03299_2729.N1	17-OCT-2002 13:59:02	Bright	43.000	49	1Alp UMi	1.9900	6300.0	86	3299	No
194	GOM_NL__2PRFIN20021017_140208_000000442010_00239_03299_2730.N1	17-OCT-2002 14:02:08	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	3299	No
195	GOM_NL__2PRFIN20021017_140716_000000452010_00239_03299_2731.N1	17-OCT-2002 14:07:16	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	3299	No
196	GOM_NL__2PRFIN20021017_140850_000000452010_00239_03299_2732.N1	17-OCT-2002 14:08:50	Bright	44.500	82	48Bet UMa	2.3650	10600.	89	3299	No
197	GOM_NL__2PRFIN20021017_141214_000000432010_00239_03299_2733.N1	17-OCT-2002 14:12:14	Bright	42.500	174	52Psi UMa	3.0040	4400.0	85	3299	No
198	GOM_NL__2PRFIN20021017_142002_000001432010_00239_03299_2734.N1	17-OCT-2002 14:20:02	Twi_and_stray	142.50	17	78Bet Gem	1.1610	4500.0	285	3299	No
199	GOM_NL__2PRFIN20021017_143005_000000632010_00239_03299_2735.N1	17-OCT-2002 14:30:05	Dark	63.000	48	30Alp Hya	1.9770	4100.0	126	3299	No
200	GOM_NL__2PRFIN20021017_143514_000002292010_00239_03299_2736.N1	17-OCT-2002 14:35:14	Dark	228.50	8	10Alp CMi	0.40000	6500.0	457	3299	No
201	GOM_NL__2PRFIN20021017_144203_000000542010_00239_03299_2737.N1	17-OCT-2002 14:42:03	Dark	54.000	70	Zet Pup	2.2460	39000.	108	3299	No
202	GOM_NL__2PRFIN20021017_144945_000002132010_00240_03300_2578.N1	17-OCT-2002 14:49:45	Dark	212.50	1	9Alp CMa	-1.4400	11000.	425	3300	No
203	GOM_NL__2PRFIN20021017_145603_000000452010_00240_03300_2579.N1	17-OCT-2002 14:56:03	Dark	44.500	143	Alp Hyi	2.8570	7200.0	89	3300	No
204	GOM_NL__2PRFIN20021017_145729_000000542010_00240_03300_2580.N1	17-OCT-2002 14:57:29	Dark	54.000	9	Alp Eri	0.45300	24000.	108	3300	No
205	GOM_NL__2PRFIN20021017_150008_000000542010_00240_03300_2581.N1	17-OCT-2002 15:00:08	Straylight	53.500	157	The1Eri	2.9060	9300.0	107	3300	No
206	GOM_NL__2PRFIN20021017_150228_000000502010_00240_03300_2582.N1	17-OCT-2002 15:02:28	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	3300	No
207	GOM_NL__2PRFIN20021017_150903_000000522010_00240_03300_2583.N1	17-OCT-2002 15:09:03	Straylight	52.000	52	16Bet Cet	2.0370	4500.0	104	3300	No
208	GOM_NL__2PRFIN20021017_151839_000000432010_00240_03300_2584.N1	17-OCT-2002 15:18:39	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	3300	No
209	GOM_NL__2PRFIN20021017_152236_000000432010_00240_03300_2585.N1	17-OCT-2002 15:22:36	Bright	42.500	58	21Alp And	2.0730	11000.	85	3300	No
210	GOM_NL__2PRFIN20021017_152820_000000562010_00240_03300_2586.N1	17-OCT-2002 15:28:20	Bright	56.000	73	57Gam1And	2.2600	13100.	112	3300	No
211	GOM_NL__2PRFIN20021017_153033_000000472010_00240_03300_2587.N1	17-OCT-2002 15:30:33	Bright	46.500	68	18Alp Cas	2.2250	4500.0	93	3300	No
212	GOM_NL__2PRFIN20021017_153152_000000482010_00240_03300_2588.N1	17-OCT-2002 15:31:52	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	3300	No
213	GOM_NL__2PRFIN20021017_153336_000000422010_00240_03300_2589.N1	17-OCT-2002 15:33:36	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	3300	No
214	GOM_NL__2PRFIN20021017_153935_000000462010_00240_03300_2590.N1	17-OCT-2002 15:39:35	Bright	45.500	49	1Alp UMi	1.9900	6300.0	91	3300	No
215	GOM_NL__2PRFIN20021017_154242_000000442010_00240_03300_2591.N1	17-OCT-2002 15:42:42	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	3300	No
216	GOM_NL__2PRFIN20021017_154751_000000432010_00240_03300_2592.N1	17-OCT-2002 15:47:51	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	3300	No
217	GOM_NL__2PRFIN20021017_154925_000000442010_00240_03300_2593.N1	17-OCT-2002 15:49:25	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	3300	No
218	GOM_NL__2PRFIN20021017_155249_000000452010_00240_03300_2594.N1	17-OCT-2002 15:52:49	Bright	44.500	174	52Psi UMa	3.0040	4400.0	89	3300	No
219	GOM_NL__2PRFIN20021017_160038_000001202010_00240_03300_2595.N1	17-OCT-2002 16:00:38	Twi_and_stray	120.00	17	78Bet Gem	1.1610	4500.0	240	3300	No

220	GOM_NL__2PRFIN20021017_161038_000000692010_00240_03300_2596.N1	17-OCT-2002 16:10:38	Dark	68.500	48	30Alp Hya	1.9770	4100.0	137	3300	No
221	GOM_NL__2PRFIN20021017_161552_000002542010_00240_03300_2597.N1	17-OCT-2002 16:15:52	Dark	254.00	8	10Alp CMi	0.40000	6500.0	508	3300	No
222	GOM_NL__2PRFIN20021017_162317_000000502010_00241_03301_2578.N1	17-OCT-2002 16:23:17	Dark	49.500	71	Iot Car	2.2460	7700.0	99	3301	No
223	GOM_NL__2PRFIN20021017_163024_000002072010_00241_03301_2579.N1	17-OCT-2002 16:30:24	Dark	206.50	1	9Alp CMa	-1.4400	11000.	413	3301	No
224	GOM_NL__2PRFIN20021017_163638_000000462010_00241_03301_2580.N1	17-OCT-2002 16:36:38	Dark	45.500	143	Alp Hyi	2.8570	7200.0	91	3301	No
225	GOM_NL__2PRFIN20021017_163804_000000562010_00241_03301_2581.N1	17-OCT-2002 16:38:04	Dark	56.000	9	Alp Eri	0.45300	24000.	112	3301	No
226	GOM_NL__2PRFIN20021017_164043_000000532010_00241_03301_2582.N1	17-OCT-2002 16:40:43	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	3301	No
227	GOM_NL__2PRFIN20021017_164304_000000502010_00241_03301_2583.N1	17-OCT-2002 16:43:04	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	3301	No
228	GOM_NL__2PRFIN20021017_164938_000000502010_00241_03301_2584.N1	17-OCT-2002 16:49:38	Straylight	49.500	52	16Bet Cet	2.0370	4500.0	99	3301	No
229	GOM_NL__2PRFIN20021017_165915_000000432010_00241_03301_2585.N1	17-OCT-2002 16:59:15	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	3301	No
230	GOM_NL__2PRFIN20021017_170311_000000452010_00241_03301_2586.N1	17-OCT-2002 17:03:11	Bright	45.000	58	21Alp And	2.0730	11000.	90	3301	No
231	GOM_NL__2PRFIN20021017_170856_000000562010_00241_03301_2587.N1	17-OCT-2002 17:08:56	Bright	56.000	73	57Gam1And	2.2600	13100.	112	3301	No
232	GOM_NL__2PRFIN20021017_171109_000000452010_00241_03301_2588.N1	17-OCT-2002 17:11:09	Bright	45.000	68	18Alp Cas	2.2250	4500.0	90	3301	No
233	GOM_NL__2PRFIN20021017_171230_000000462010_00241_03301_2589.N1	17-OCT-2002 17:12:30	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	3301	No
234	GOM_NL__2PRFIN20021017_171412_000000442010_00241_03301_2590.N1	17-OCT-2002 17:14:12	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	3301	No
235	GOM_NL__2PRFIN20021017_172013_000000452010_00241_03301_2591.N1	17-OCT-2002 17:20:13	Bright	44.500	49	1Alp UMi	1.9900	6300.0	89	3301	No
236	GOM_NL__2PRFIN20021017_172320_000000442010_00241_03301_2592.N1	17-OCT-2002 17:23:20	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	3301	No
237	GOM_NL__2PRFIN20021017_172827_000000422010_00241_03301_2593.N1	17-OCT-2002 17:28:27	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	3301	No
238	GOM_NL__2PRFIN20021017_173001_000000422010_00241_03301_2594.N1	17-OCT-2002 17:30:01	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	3301	No
239	GOM_NL__2PRFIN20021017_173326_000000452010_00241_03301_2595.N1	17-OCT-2002 17:33:26	Bright	44.500	174	52Psi UMa	3.0040	4400.0	89	3301	No
240	GOM_NL__2PRFIN20021017_174114_000001202010_00241_03301_2596.N1	17-OCT-2002 17:41:14	Twi_and_stray	120.00	17	78Bet Gem	1.1610	4500.0	240	3301	No
241	GOM_NL__2PRFIN20021017_175117_000000622010_00241_03301_2597.N1	17-OCT-2002 17:51:17	Dark	62.000	48	30Alp Hya	1.9770	4100.0	124	3301	No
242	GOM_NL__2PRFIN20021017_175632_000002082010_00241_03301_2598.N1	17-OCT-2002 17:56:32	Dark	207.50	8	10Alp CMi	0.40000	6500.0	415	3301	No
243	GOM_NL__2PRFIN20021017_213827_000000442010_00244_03304_2586.N1	17-OCT-2002 21:38:27	Dark	44.000	143	Alp Hyi	2.8570	7200.0	88	3304	No
244	GOM_NL__2PRFIN20021017_213953_000000572010_00244_03304_2587.N1	17-OCT-2002 21:39:53	Dark	57.000	9	Alp Eri	0.45300	24000.	114	3304	No
245	GOM_NL__2PRFIN20021017_214233_000000532010_00244_03304_2588.N1	17-OCT-2002 21:42:33	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	3304	No
246	GOM_NL__2PRFIN20021017_214452_000000512010_00244_03304_2589.N1	17-OCT-2002 21:44:52	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	3304	No
247	GOM_NL__2PRFIN20021017_215127_000000502010_00244_03304_2590.N1	17-OCT-2002 21:51:27	Straylight	50.000	52	16Bet Cet	2.0370	4500.0	100	3304	No
248	GOM_NL__2PRFIN20021017_220102_000000432010_00244_03304_2591.N1	17-OCT-2002 22:01:02	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	3304	No
249	GOM_NL__2PRFIN20021017_220458_000000442010_00244_03304_2592.N1	17-OCT-2002 22:04:58	Bright	44.000	58	21Alp And	2.0730	11000.	88	3304	No
250	GOM_NL__2PRFIN20021017_221042_000000542010_00244_03304_2593.N1	17-OCT-2002 22:10:42	Bright	54.000	73	57Gam1And	2.2600	13100.	108	3304	No
251	GOM_NL__2PRFIN20021017_221256_000000462010_00244_03304_2594.N1	17-OCT-2002 22:12:56	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	3304	No
252	GOM_NL__2PRFIN20021017_221417_000000462010_00244_03304_2595.N1	17-OCT-2002 22:14:17	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	3304	No
253	GOM_NL__2PRFIN20021017_221601_000000442010_00244_03304_2596.N1	17-OCT-2002 22:16:01	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	3304	No
254	GOM_NL__2PRFIN20021017_222200_000000442010_00244_03304_2597.N1	17-OCT-2002 22:22:00	Bright	44.000	49	1Alp UMi	1.9900	6300.0	88	3304	No
255	GOM_NL__2PRFIN20021017_222508_000000402010_00244_03304_2598.N1	17-OCT-2002 22:25:08	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	3304	No
256	GOM_NL__2PRFIN20021017_223014_000000472010_00244_03304_2599.N1	17-OCT-2002 22:30:14	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	3304	No
257	GOM_NL__2PRFIN20021017_223148_000000452010_00244_03304_2600.N1	17-OCT-2002 22:31:48	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	3304	No
258	GOM_NL__2PRFIN20021017_223513_000000492010_00244_03304_2601.N1	17-OCT-2002 22:35:13	Bright	49.000	174	52Psi UMa	3.0040	4400.0	98	3304	No
259	GOM_NL__2PRFIN20021017_224304_000001272010_00244_03304_2602.N1	17-OCT-2002 22:43:04	Twi_and_stray	126.50	17	78Bet Gem	1.1610	4500.0	253	3304	No
260	GOM_NL__2PRFIN20021017_225308_000000722010_00244_03304_2603.N1	17-OCT-2002 22:53:08	Dark	72.000	48	30Alp Hya	1.9770	4100.0	144	3304	No
261	GOM_NL__2PRFIN20021017_225831_000002132010_00244_03304_2604.N1	17-OCT-2002 22:58:31	Dark	213.00	8	10Alp CMi	0.40000	6500.0	426	3304	No
262	GOM_NL__2PRFIN20021017_230542_000000482010_00245_03305_2581.N1	17-OCT-2002 23:05:42	Dark	47.500	71	Iot Car	2.2460	7700.0	95	3305	No
263	GOM_NL__2PRFIN20021017_231011_000000562010_00245_03305_2582.N1	17-OCT-2002 23:10:11	Dark	56.000	161	Tau Pup	2.9310	4500.0	112	3305	No
264	GOM_NL__2PRFIN20021017_231302_000002182010_00245_03305_2583.N1	17-OCT-2002 23:13:02	Dark	218.00	1	9Alp CMa	-1.4400	11000.	436	3305	No
265	GOM_NL__2PRFIN20021017_231715_000002222010_00245_03305_2584.N1	17-OCT-2002 23:17:15	Dark	222.00	47	2Bet CMa	1.9760	28000.	444	3305	No
266	GOM_NL__2PRFIN20021017_232309_000000552010_00245_03305_2585.N1	17-OCT-2002 23:23:09	Straylight	54.500	157	The1Eri	2.9060	9300.0	109	3305	No
267	GOM_NL__2PRFIN20021017_232528_000000492010_00245_03305_2586.N1	17-OCT-2002 23:25:28	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	3305	No
268	GOM_NL__2PRFIN20021017_233203_000000522010_00245_03305_2587.N1	17-OCT-2002 23:32:03	Straylight	51.500	52	16Bet Cet	2.0370	4500.0	103	3305	No
269	GOM_NL__2PRFIN20021017_234138_000000442010_00245_03305_2588.N1	17-OCT-2002 23:41:38	Bright	44.000	140	88Gam Peg	2.8340	26000.	88	3305	No
270	GOM_NL__2PRFIN20021017_234534_000000442010_00245_03305_2589.N1	17-OCT-2002 23:45:34	Bright	44.000	58	21Alp And	2.0730	11000.	88	3305	No
271	GOM_NL__2PRFIN20021017_234757_000000482010_00245_03305_2590.N1	17-OCT-2002 23:47:57	Bright	47.500	53	43Bet And	2.0480	3300.0	95	3305	No
272	GOM_NL__2PRFIN20021017_235117_000000532010_00245_03305_2591.N1	17-OCT-2002 23:51:17	Bright	53.000	73	57Gam1And	2.2600	13100.	106	3305	No
273	GOM_NL__2PRFIN20021017_235332_000000472010_00245_03305_2592.N1	17-OCT-2002 23:53:32	Bright	46.500	68	18Alp Cas	2.2250	4500.0	93	3305	No
274	GOM_NL__2PRFIN20021017_235453_000000462010_00245_03305_2593.N1	17-OCT-2002 23:54:53	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	3305	No
275	GOM_NL__2PRFIN20021017_235637_000000442010_00245_03305_2594.N1	17-OCT-2002 23:56:37	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	3305	No

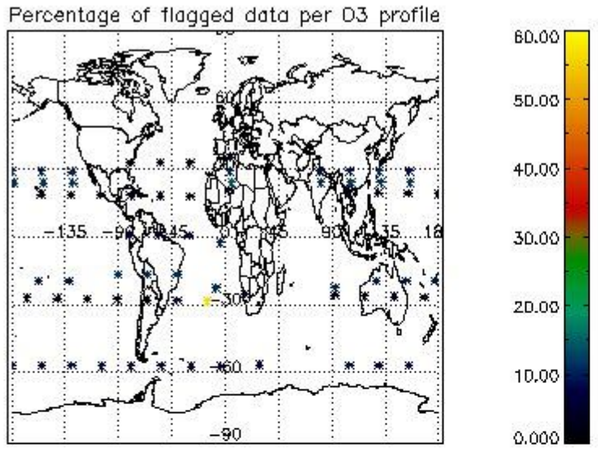
3. Quality information per product

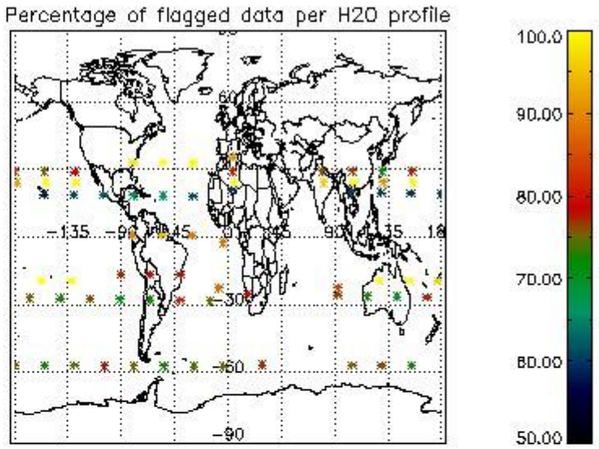
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

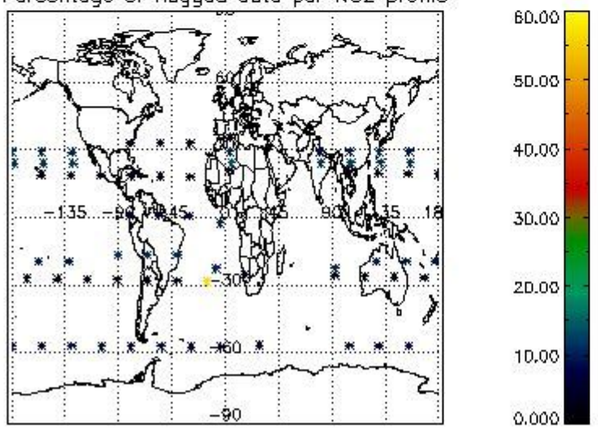
3.1 Plot quality information per product (time dependant)

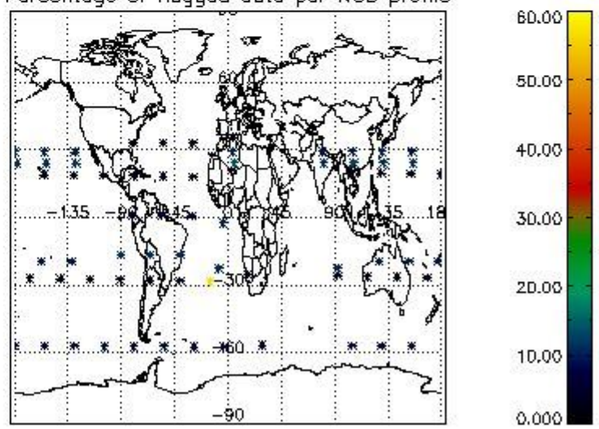


3.2 Plot quality information per product (world map)







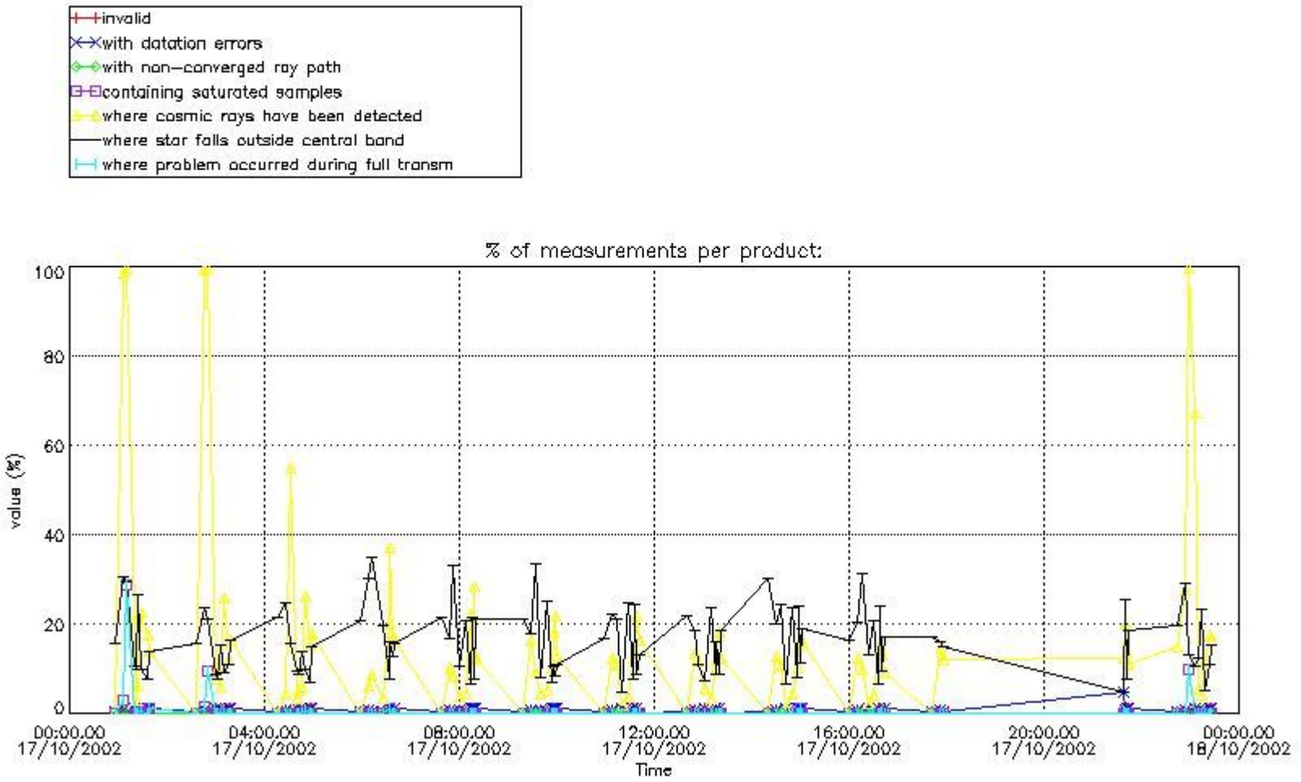


4. Level 1 quality information per product

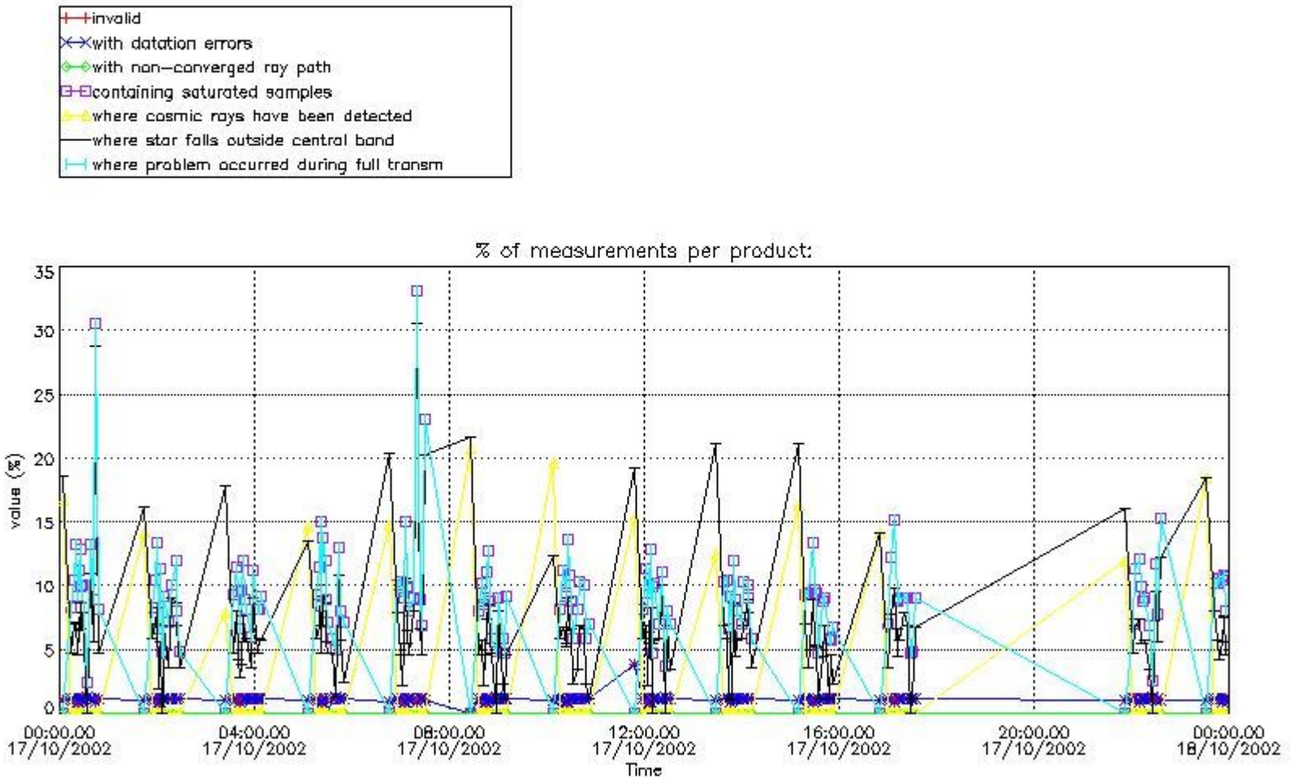
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

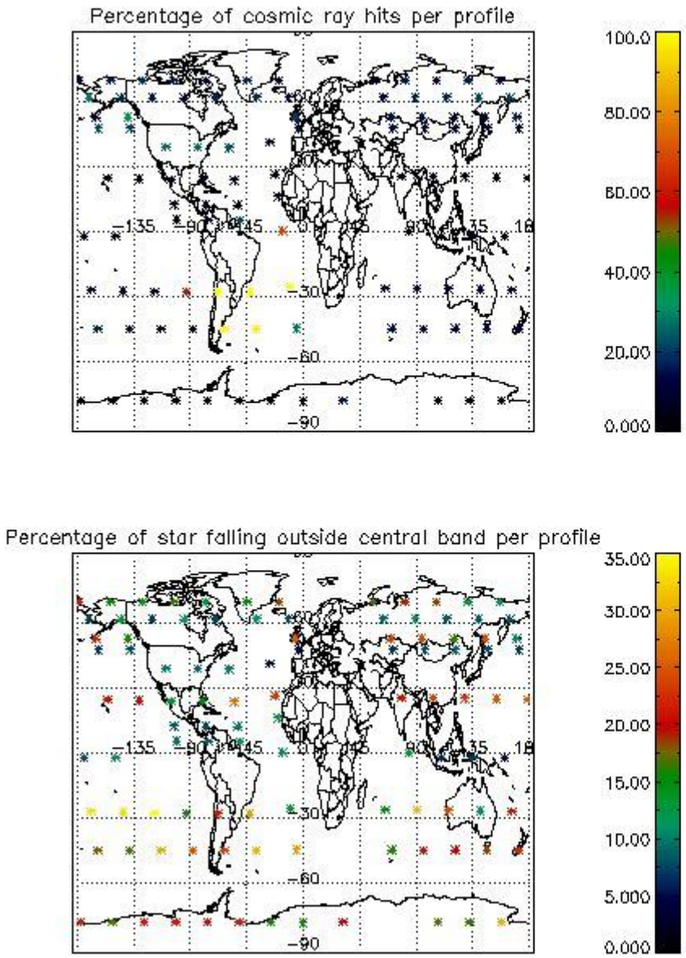


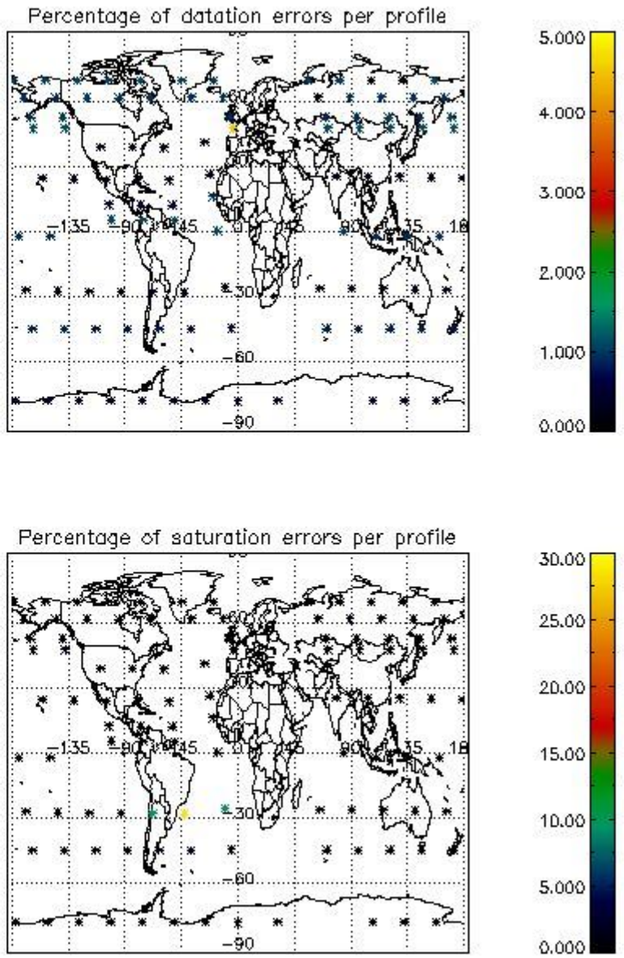
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



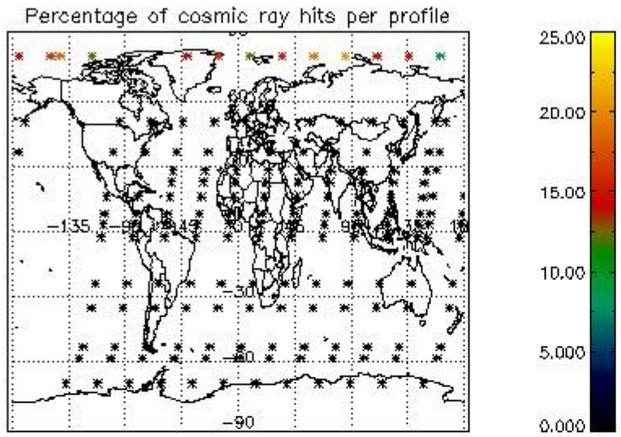
4.2 Plot quality information per product comming from level 1b processing (world map)

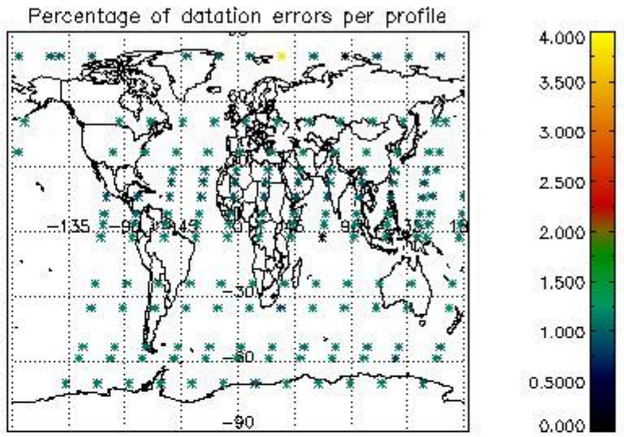
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

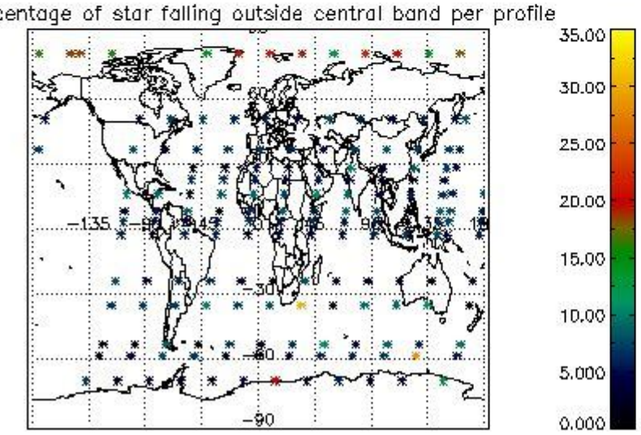


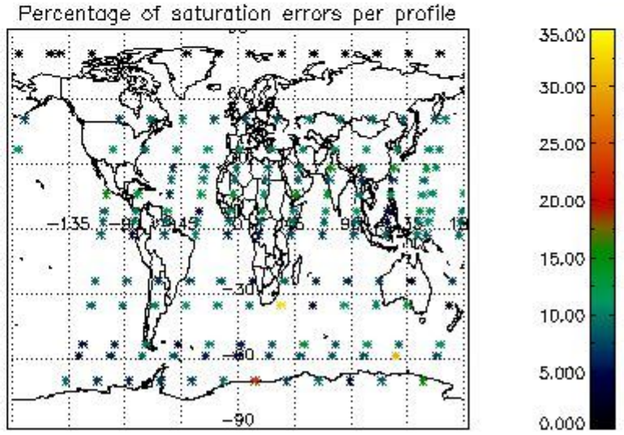


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









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

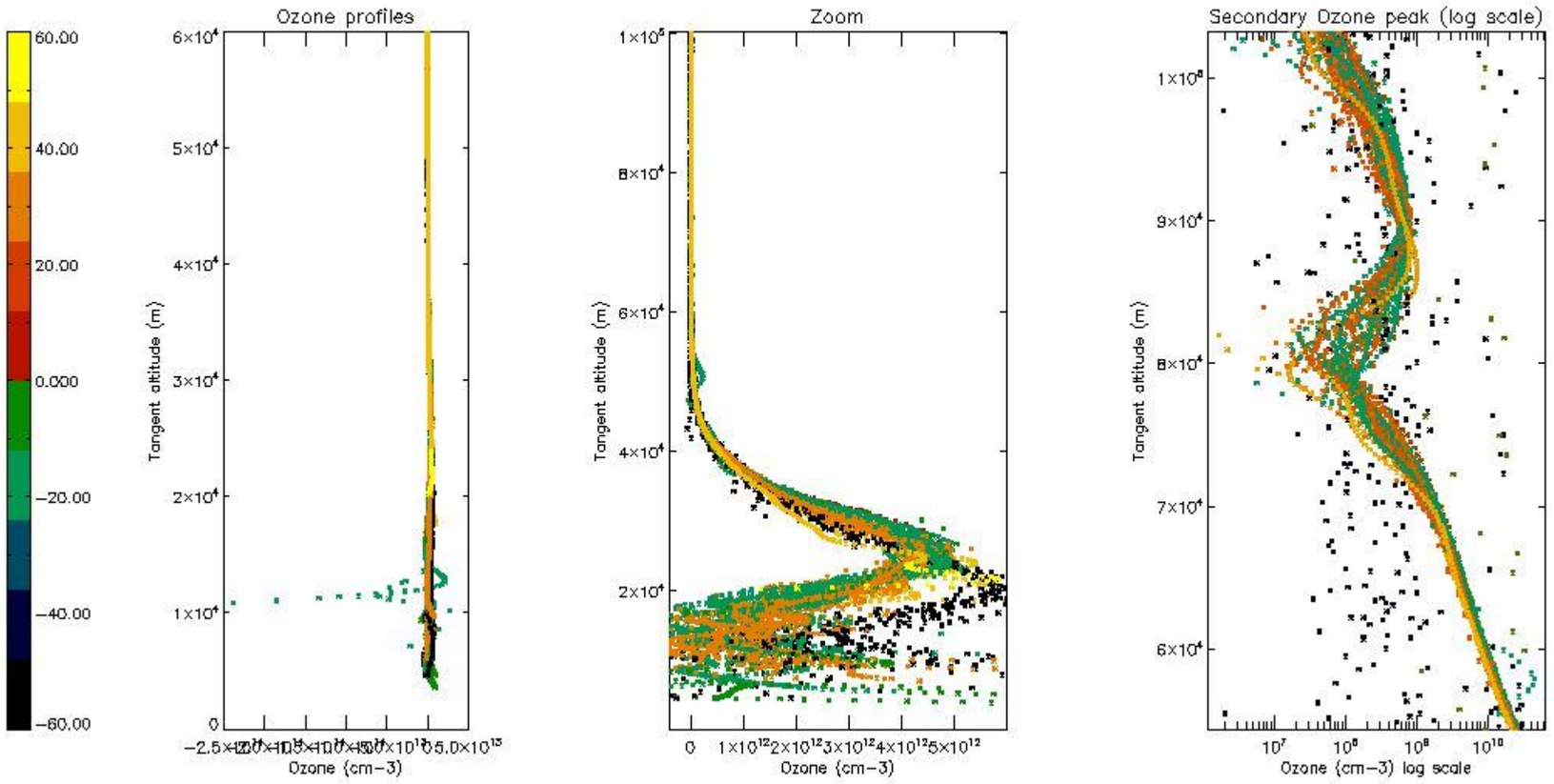
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	46
STD < 20	29

STD < 10	27
STD < 5	23

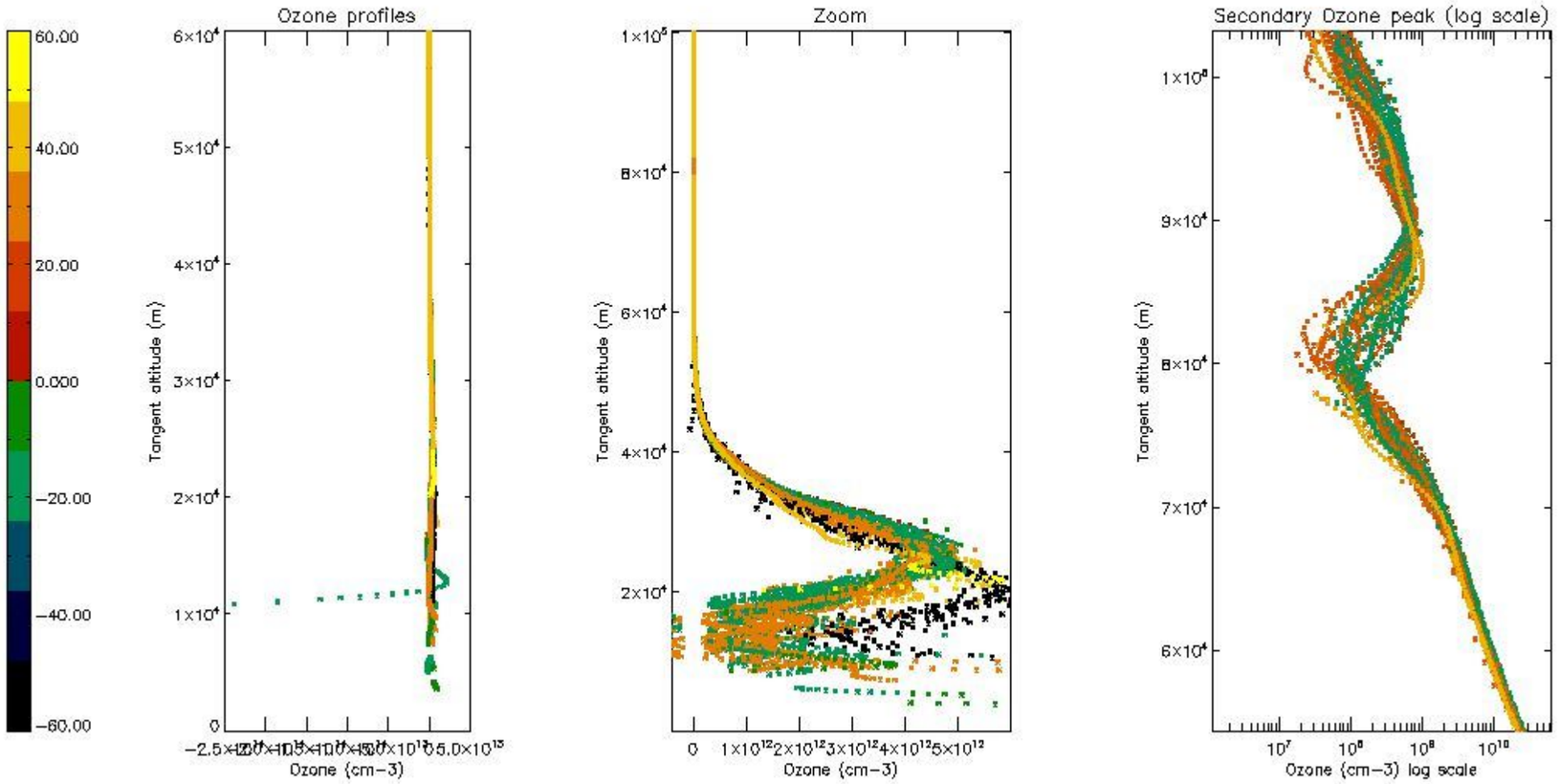
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



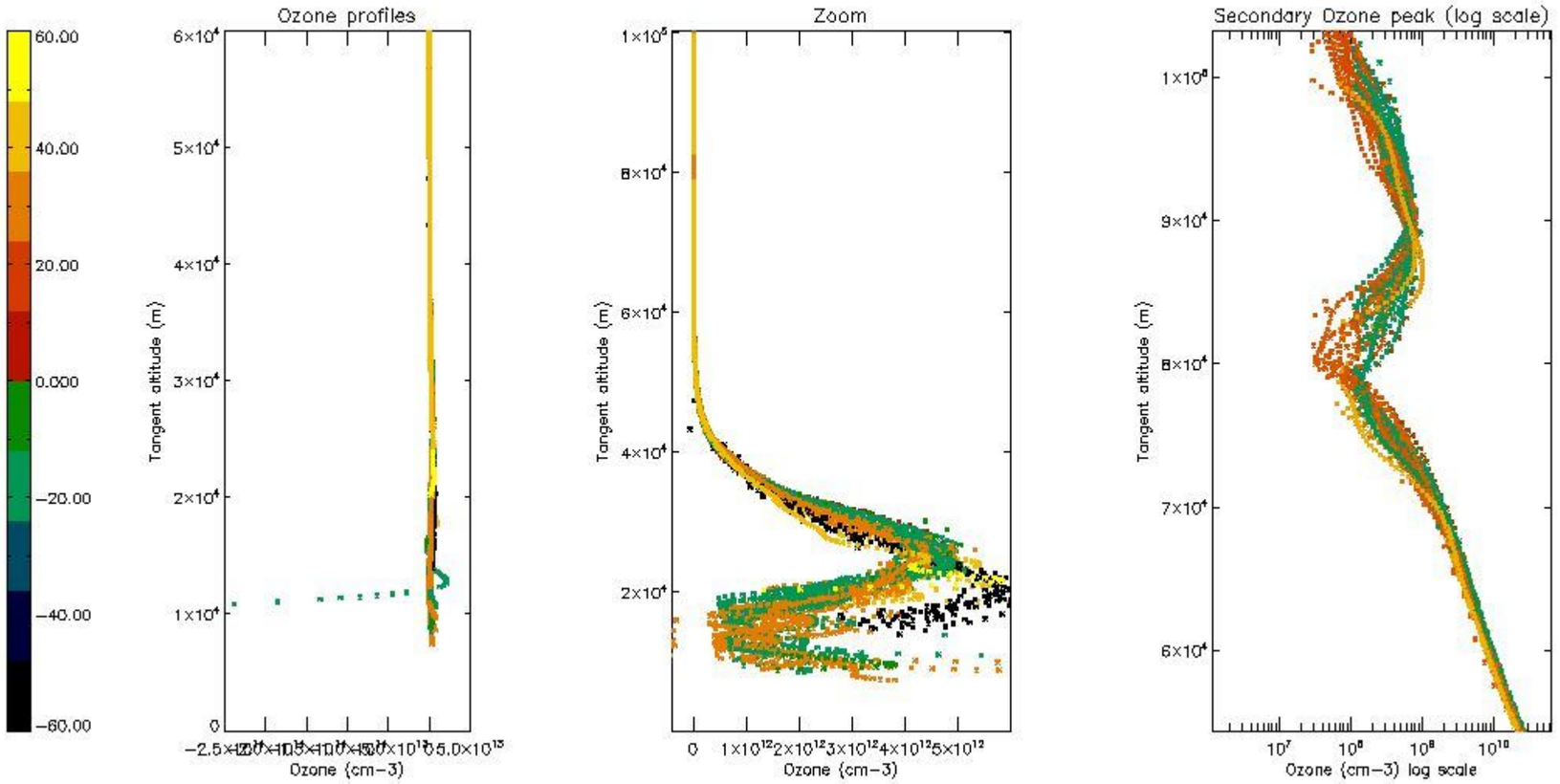
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



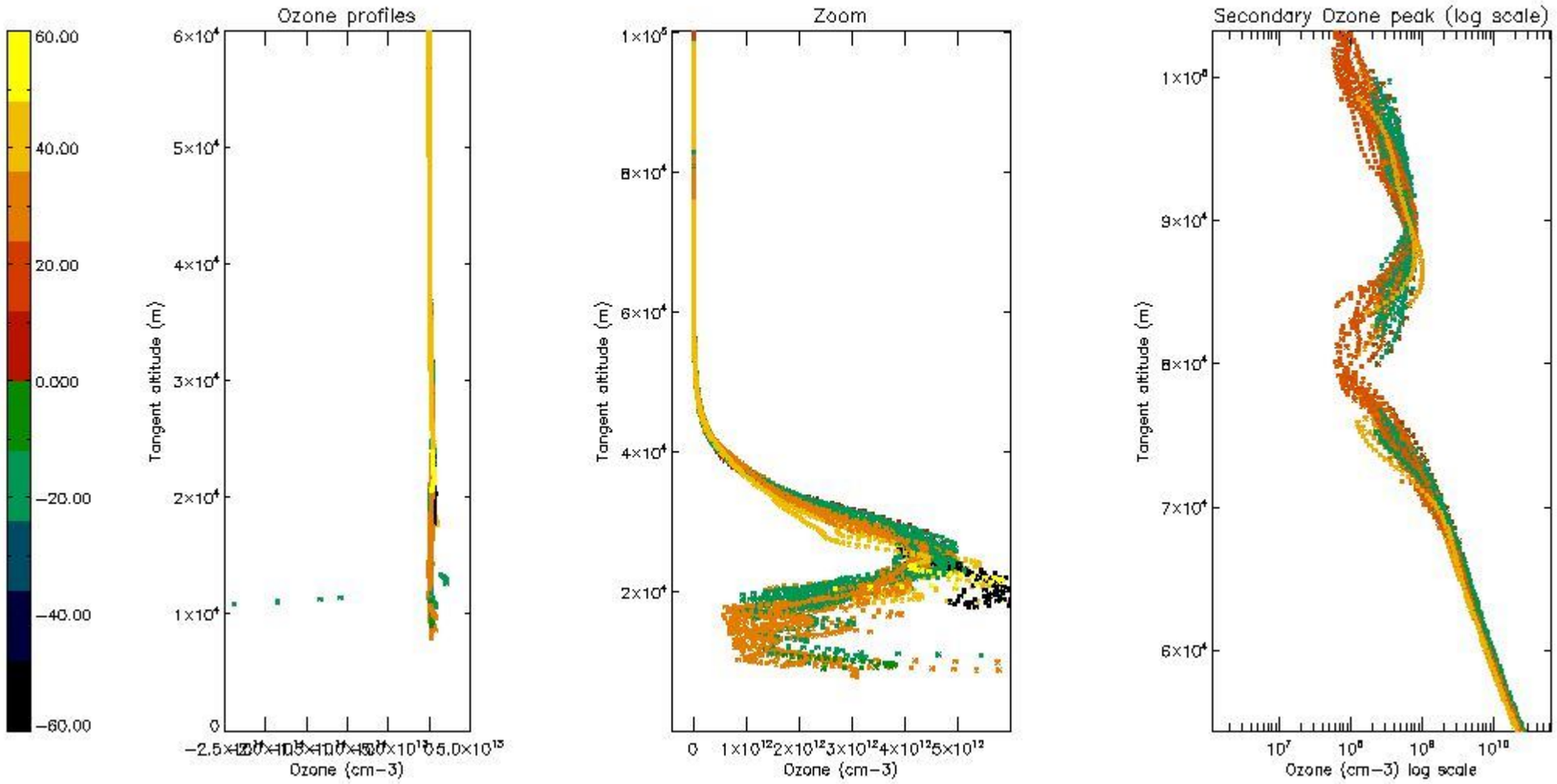
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



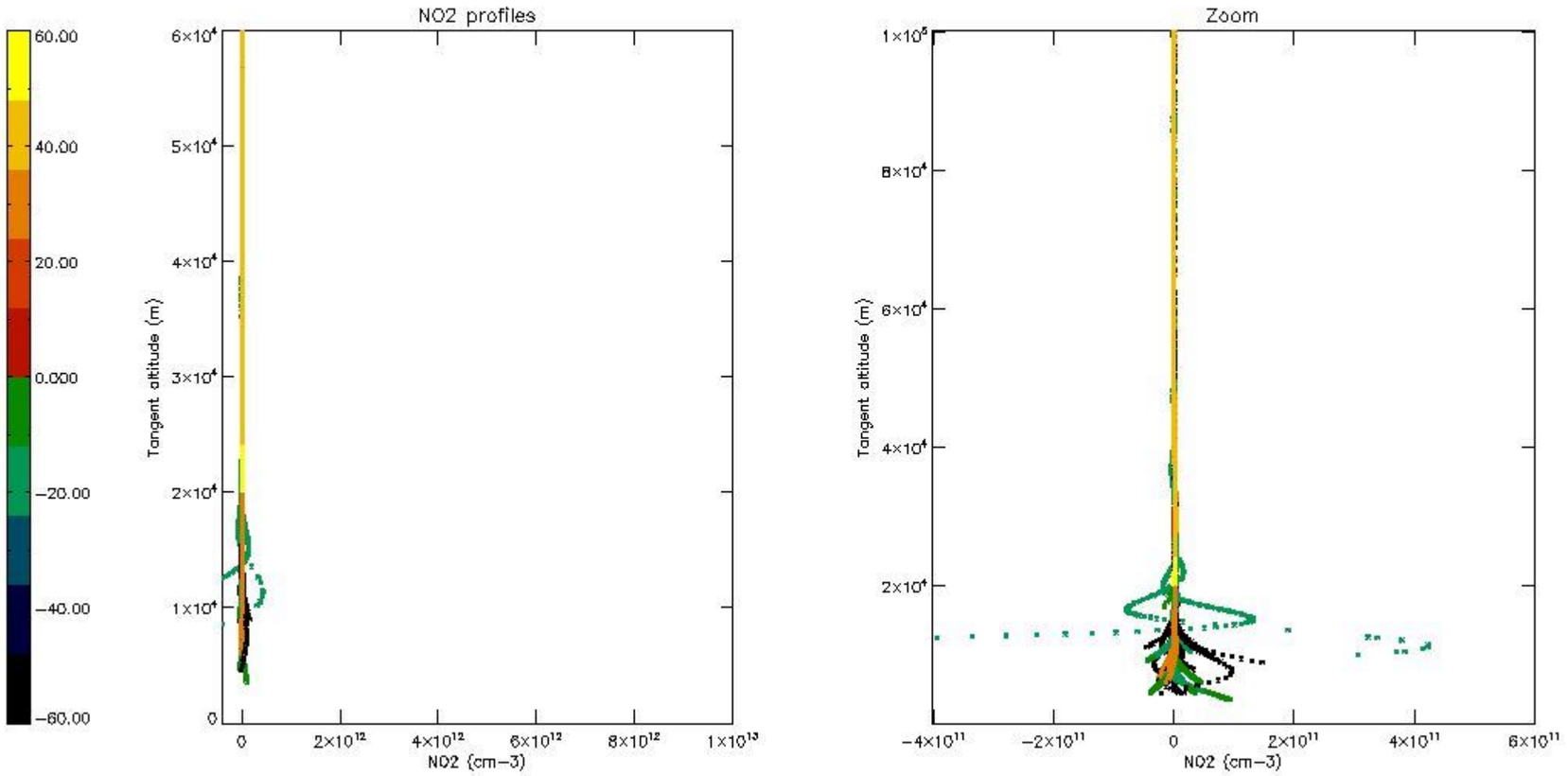
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



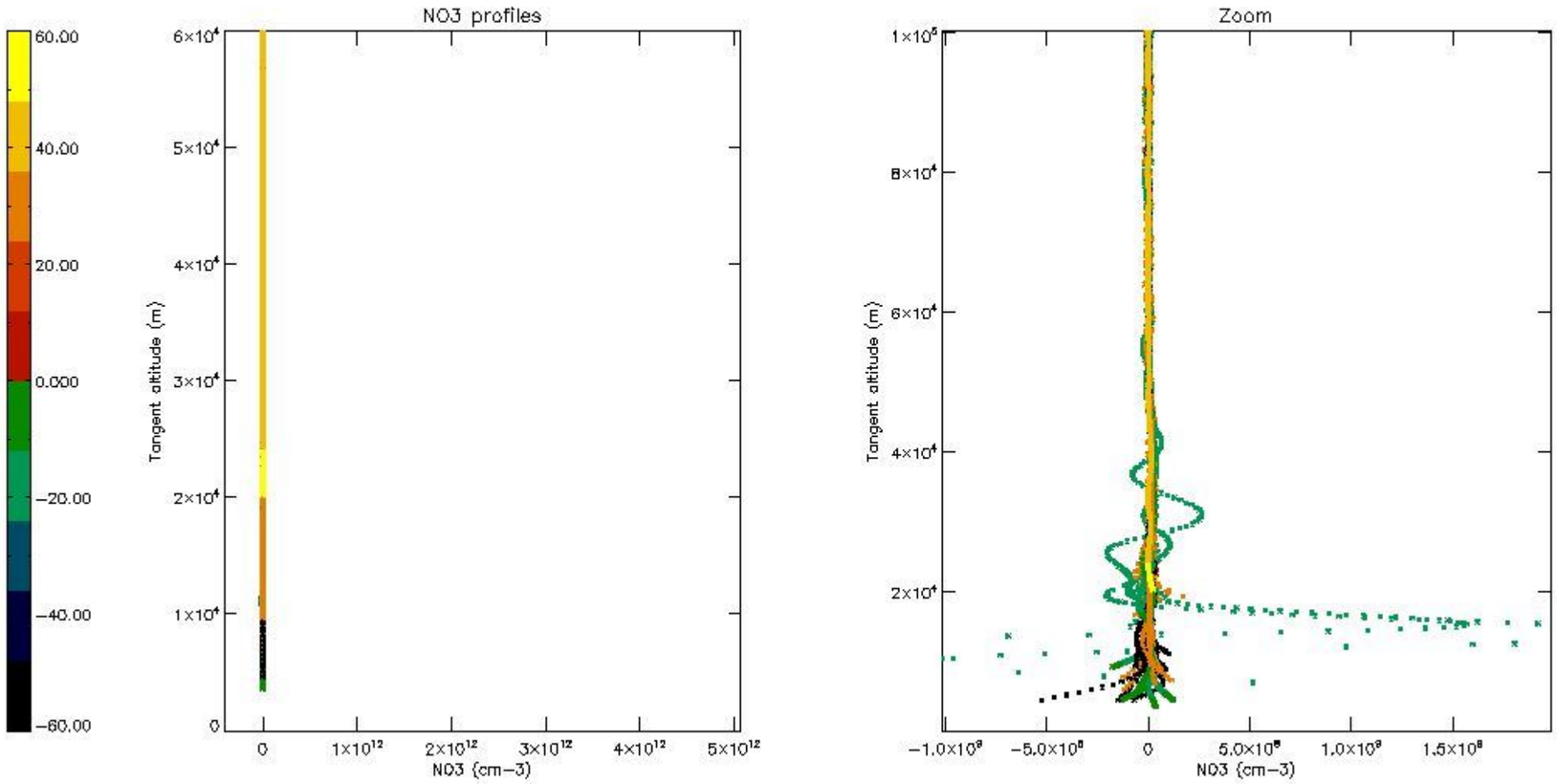
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



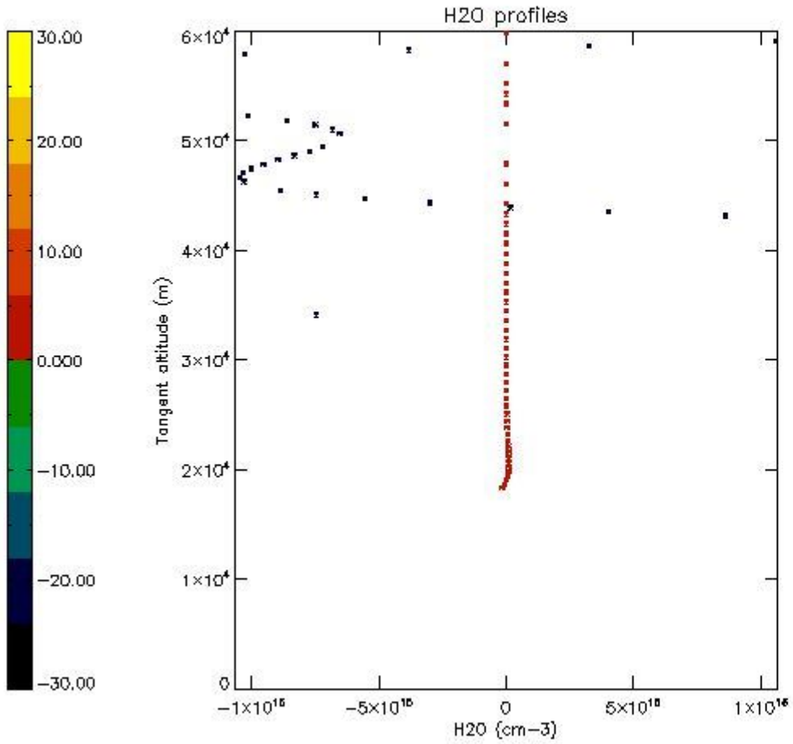
5.7 Plot NO3 profiles for all STD (dark without errors)

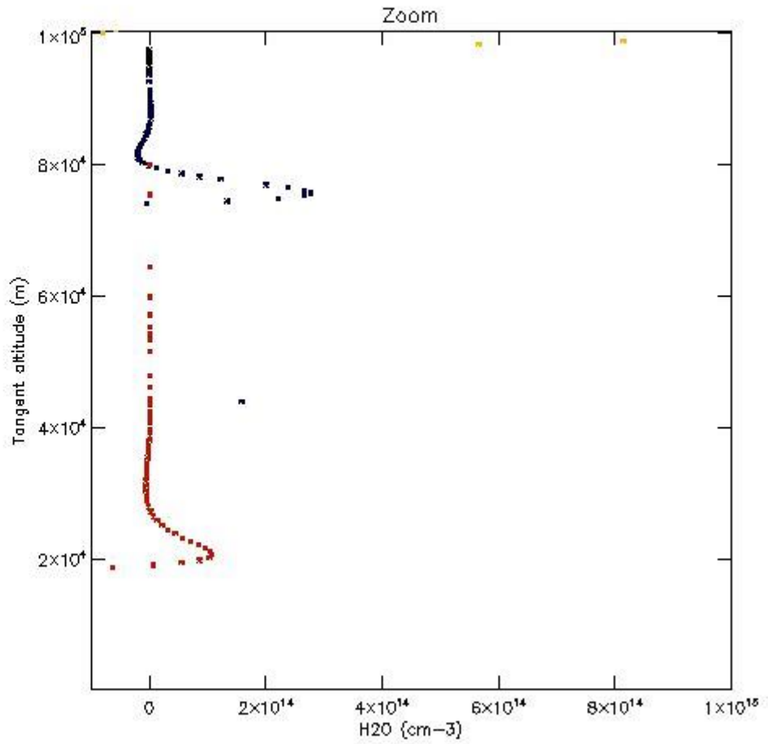
The colorbar represents the latitude.



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_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	17-OCT-2002 00:03:39
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-OCT-2002 00:03:39
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-OCT-2002 00:03:39

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

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1. General info

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	17APR2013 19:31:21
Data source version	GOMOS/6.01
Start time of products	17-10-2002 (17OCT2002 00:00:00)
Stop time of products	18-10-2002 (18OCT2002 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	275
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20021017_000339_000000512010_00231_03291_2564.N1	17-OCT-2002 00:03:39	Straylight	51.000	52	16Bet Cet	2.0370	4500.0	102	3291	No
2	GOM_NL__2PRFIN20021017_001316_000000422010_00231_03291_2565.N1	17-OCT-2002 00:13:16	Bright	42.000	140	88Gam Peg	2.8340	26000.	84	3291	No
3	GOM_NL__2PRFIN20021017_001713_000000432010_00231_03291_2566.N1	17-OCT-2002 00:17:13	Bright	43.000	58	21Alp And	2.0730	11000.	86	3291	No
4	GOM_NL__2PRFIN20021017_001939_000000492010_00231_03291_2567.N1	17-OCT-2002 00:19:39	Bright	49.000	53	43Bet And	2.0480	3300.0	98	3291	No
5	GOM_NL__2PRFIN20021017_002111_000000552010_00231_03291_2568.N1	17-OCT-2002 00:21:11	Bright	54.500	173	4Bet Tri	3.0040	8900.0	109	3291	No
6	GOM_NL__2PRFIN20021017_002304_000000542010_00231_03291_2569.N1	17-OCT-2002 00:23:04	Bright	53.500	73	57Gam1And	2.2600	13100.	107	3291	No
7	GOM_NL__2PRFIN20021017_002513_000000472010_00231_03291_2570.N1	17-OCT-2002 00:25:13	Bright	46.500	68	18Alp Cas	2.2250	4500.0	93	3291	No
8	GOM_NL__2PRFIN20021017_002633_000000462010_00231_03291_2571.N1	17-OCT-2002 00:26:33	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	3291	No
9	GOM_NL__2PRFIN20021017_002810_000000452010_00231_03291_2572.N1	17-OCT-2002 00:28:10	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	3291	No
10	GOM_NL__2PRFIN20021017_003415_000000412010_00231_03291_2573.N1	17-OCT-2002 00:34:15	Bright	40.500	49	1Alp UMi	1.9900	6300.0	81	3291	No
11	GOM_NL__2PRFIN20021017_003718_000000462010_00231_03291_2574.N1	17-OCT-2002 00:37:18	Bright	45.500	60	7Bet UMi	2.0810	3950.0	91	3291	No
12	GOM_NL__2PRFIN20021017_004228_000000452010_00231_03291_2575.N1	17-OCT-2002 00:42:28	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	3291	No
13	GOM_NL__2PRFIN20021017_004402_000000592010_00231_03291_2576.N1	17-OCT-2002 00:44:02	Bright	59.000	82	48Bet UMa	2.3650	10600.	118	3291	No
14	GOM_NL__2PRFIN20021017_004727_000000432010_00231_03291_2577.N1	17-OCT-2002 00:47:27	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	3291	No
15	GOM_NL__2PRFIN20021017_005510_000001152010_00231_03291_2578.N1	17-OCT-2002 00:55:10	Twi_and_stray	114.50	17	78Bet Gem	1.1610	4500.0	229	3291	No
16	GOM_NL__2PRFIN20021017_010512_000000722010_00231_03291_2579.N1	17-OCT-2002 01:05:12	Dark	72.000	48	30Alp Hya	1.9770	4100.0	144	3291	No
17	GOM_NL__2PRFIN20021017_010958_000002252010_00231_03291_2580.N1	17-OCT-2002 01:09:58	Dark	225.00	8	10Alp CMi	0.40000	6500.0	450	3291	No
18	GOM_NL__2PRFIN20021017_011922_000000482010_00232_03292_2558.N1	17-OCT-2002 01:19:22	Dark	47.500	41	Eps Car	1.8600	4100.0	95	3292	No
19	GOM_NL__2PRFIN20021017_012117_000000812010_00232_03292_2559.N1	17-OCT-2002 01:21:17	Dark	81.000	23	21Eps CMa	1.5020	26000.	162	3292	No
20	GOM_NL__2PRFIN20021017_012431_000002132010_00232_03292_2560.N1	17-OCT-2002 01:24:31	Dark	213.00	1	9Alp CMa	-1.4400	11000.	426	3292	No
21	GOM_NL__2PRFIN20021017_012843_000002162010_00232_03292_2561.N1	17-OCT-2002 01:28:43	Dark	216.00	47	2Bet CMa	1.9760	28000.	432	3292	No
22	GOM_NL__2PRFIN20021017_013517_000000522010_00232_03292_2562.N1	17-OCT-2002 01:35:17	Straylight	52.000	157	The1Eri	2.9060	9300.0	104	3292	No
23	GOM_NL__2PRFIN20021017_013740_000000472010_00232_03292_2563.N1	17-OCT-2002 01:37:40	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	3292	No
24	GOM_NL__2PRFIN20021017_014415_000000502010_00232_03292_2564.N1	17-OCT-2002 01:44:15	Straylight	49.500	52	16Bet Cet	2.0370	4500.0	99	3292	No
25	GOM_NL__2PRFIN20021017_015352_000000432010_00232_03292_2565.N1	17-OCT-2002 01:53:52	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	3292	No
26	GOM_NL__2PRFIN20021017_015749_000000432010_00232_03292_2566.N1	17-OCT-2002 01:57:49	Bright	43.000	58	21Alp And	2.0730	11000.	86	3292	No
27	GOM_NL__2PRFIN20021017_020015_000000492010_00232_03292_2567.N1	17-OCT-2002 02:00:15	Bright	48.500	53	43Bet And	2.0480	3300.0	97	3292	No
28	GOM_NL__2PRFIN20021017_020146_000000532010_00232_03292_2568.N1	17-OCT-2002 02:01:46	Bright	52.500	173	4Bet Tri	3.0040	8900.0	105	3292	No
29	GOM_NL__2PRFIN20021017_020339_000000532010_00232_03292_2569.N1	17-OCT-2002 02:03:39	Bright	53.000	73	57Gam1And	2.2600	13100.	106	3292	No
30	GOM_NL__2PRFIN20021017_020549_000000422010_00232_03292_2570.N1	17-OCT-2002 02:05:49	Bright	41.500	68	18Alp Cas	2.2250	4500.0	83	3292	No
31	GOM_NL__2PRFIN20021017_020709_000000422010_00232_03292_2571.N1	17-OCT-2002 02:07:09	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	3292	No
32	GOM_NL__2PRFIN20021017_020847_000000442010_00232_03292_2572.N1	17-OCT-2002 02:08:47	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	3292	No
33	GOM_NL__2PRFIN20021017_021451_000000422010_00232_03292_2573.N1	17-OCT-2002 02:14:51	Bright	42.000	49	1Alp UMi	1.9900	6300.0	84	3292	No
34	GOM_NL__2PRFIN20021017_021754_000000452010_00232_03292_2574.N1	17-OCT-2002 02:17:54	Bright	44.500	60	7Bet UMi	2.0810	3950.0	89	3292	No
35	GOM_NL__2PRFIN20021017_022304_000000462010_00232_03292_2575.N1	17-OCT-2002 02:23:04	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	3292	No
36	GOM_NL__2PRFIN20021017_022438_000000442010_00232_03292_2576.N1	17-OCT-2002 02:24:38	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	3292	No
37	GOM_NL__2PRFIN20021017_022803_000000422010_00232_03292_2577.N1	17-OCT-2002 02:28:03	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	3292	No
38	GOM_NL__2PRFIN20021017_023547_000001152010_00232_03292_2578.N1	17-OCT-2002 02:35:47	Twi_and_stray	114.50	17	78Bet Gem	1.1610	4500.0	229	3292	No
39	GOM_NL__2PRFIN20021017_024548_000000662010_00232_03292_2579.N1	17-OCT-2002 02:45:48	Dark	65.500	48	30Alp Hya	1.9770	4100.0	131	3292	No
40	GOM_NL__2PRFIN20021017_025038_000002042010_00232_03292_2580.N1	17-OCT-2002 02:50:38	Dark	204.00	8	10Alp CMi	0.40000	6500.0	408	3292	No
41	GOM_NL__2PRFIN20021017_025959_000000472010_00233_03293_2558.N1	17-OCT-2002 02:59:59	Dark	46.500	41	Eps Car	1.8600	4100.0	93	3293	No
42	GOM_NL__2PRFIN20021017_030155_000000792010_00233_03293_2559.N1	17-OCT-2002 03:01:55	Dark	79.000	23	21Eps CMa	1.5020	26000.	158	3293	No

43	GOM_NL__2PRFIN20021017_030510_000001862010_00233_03293_2560.N1	17-OCT-2002 03:05:10	Dark	185.50	1	9Alp CMa	-1.4400	11000.	371	3293	No
44	GOM_NL__2PRFIN20021017_030922_000002162010_00233_03293_2561.N1	17-OCT-2002 03:09:22	Dark	215.50	47	2Bet CMa	1.9760	28000.	431	3293	No
45	GOM_NL__2PRFIN20021017_031553_000000552010_00233_03293_2562.N1	17-OCT-2002 03:15:53	Straylight	54.500	157	The1Eri	2.9060	9300.0	109	3293	No
46	GOM_NL__2PRFIN20021017_031816_000000492010_00233_03293_2563.N1	17-OCT-2002 03:18:16	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	3293	No
47	GOM_NL__2PRFIN20021017_032451_000000512010_00233_03293_2564.N1	17-OCT-2002 03:24:51	Straylight	50.500	52	16Bet Cet	2.0370	4500.0	101	3293	No
48	GOM_NL__2PRFIN20021017_033428_000000432010_00233_03293_2565.N1	17-OCT-2002 03:34:28	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	3293	No
49	GOM_NL__2PRFIN20021017_033825_000000442010_00233_03293_2566.N1	17-OCT-2002 03:38:25	Bright	43.500	58	21Alp And	2.0730	11000.	87	3293	No
50	GOM_NL__2PRFIN20021017_034050_000000472010_00233_03293_2567.N1	17-OCT-2002 03:40:50	Bright	47.000	53	43Bet And	2.0480	3300.0	94	3293	No
51	GOM_NL__2PRFIN20021017_034221_000000532010_00233_03293_2568.N1	17-OCT-2002 03:42:21	Bright	53.000	173	4Bet Tri	3.0040	8900.0	106	3293	No
52	GOM_NL__2PRFIN20021017_034414_000000522010_00233_03293_2569.N1	17-OCT-2002 03:44:14	Bright	52.000	73	57Gam1And	2.2600	13100.	104	3293	No
53	GOM_NL__2PRFIN20021017_034624_000000462010_00233_03293_2570.N1	17-OCT-2002 03:46:24	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	3293	No
54	GOM_NL__2PRFIN20021017_034745_000000452010_00233_03293_2571.N1	17-OCT-2002 03:47:45	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	3293	No
55	GOM_NL__2PRFIN20021017_034923_000000432010_00233_03293_2572.N1	17-OCT-2002 03:49:23	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	3293	No
56	GOM_NL__2PRFIN20021017_035526_000000422010_00233_03293_2573.N1	17-OCT-2002 03:55:26	Bright	42.000	49	1Alp UMi	1.9900	6300.0	84	3293	No
57	GOM_NL__2PRFIN20021017_035831_000000452010_00233_03293_2574.N1	17-OCT-2002 03:58:31	Bright	44.500	60	7Bet UMi	2.0810	3950.0	89	3293	No
58	GOM_NL__2PRFIN20021017_040341_000000432010_00233_03293_2575.N1	17-OCT-2002 04:03:41	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	3293	No
59	GOM_NL__2PRFIN20021017_040514_000000432010_00233_03293_2576.N1	17-OCT-2002 04:05:14	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	3293	No
60	GOM_NL__2PRFIN20021017_040839_000000442010_00233_03293_2577.N1	17-OCT-2002 04:08:39	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	3293	No
61	GOM_NL__2PRFIN20021017_041623_000001242010_00233_03293_2578.N1	17-OCT-2002 04:16:23	Twi_and_stray	124.00	17	78Bet Gem	1.1610	4500.0	248	3293	No
62	GOM_NL__2PRFIN20021017_042625_000000672010_00233_03293_2579.N1	17-OCT-2002 04:26:25	Dark	67.000	48	30Alp Hya	1.9770	4100.0	134	3293	No
63	GOM_NL__2PRFIN20021017_043117_000001932010_00233_03293_2580.N1	17-OCT-2002 04:31:17	Dark	193.00	8	10Alp CMi	0.40000	6500.0	386	3293	No
64	GOM_NL__2PRFIN20021017_044035_000000472010_00234_03294_2560.N1	17-OCT-2002 04:40:35	Dark	47.000	41	Eps Car	1.8600	4100.0	94	3294	No
65	GOM_NL__2PRFIN20021017_044232_000000812010_00234_03294_2561.N1	17-OCT-2002 04:42:32	Dark	81.000	23	21Eps CMa	1.5020	26000.	162	3294	No
66	GOM_NL__2PRFIN20021017_044549_000001832010_00234_03294_2562.N1	17-OCT-2002 04:45:49	Dark	182.50	1	9Alp CMa	-1.4400	11000.	365	3294	No
67	GOM_NL__2PRFIN20021017_045002_000002192010_00234_03294_2563.N1	17-OCT-2002 04:50:02	Dark	218.50	47	2Bet CMa	1.9760	28000.	437	3294	No
68	GOM_NL__2PRFIN20021017_045629_000000522010_00234_03294_2564.N1	17-OCT-2002 04:56:29	Straylight	52.000	157	The1Eri	2.9060	9300.0	104	3294	No
69	GOM_NL__2PRFIN20021017_045852_000000482010_00234_03294_2565.N1	17-OCT-2002 04:58:52	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	3294	No
70	GOM_NL__2PRFIN20021017_050527_000000482010_00234_03294_2566.N1	17-OCT-2002 05:05:27	Straylight	48.000	52	16Bet Cet	2.0370	4500.0	96	3294	No
71	GOM_NL__2PRFIN20021017_051503_000000432010_00234_03294_2567.N1	17-OCT-2002 05:15:03	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	3294	No
72	GOM_NL__2PRFIN20021017_051900_000000442010_00234_03294_2568.N1	17-OCT-2002 05:19:00	Bright	43.500	58	21Alp And	2.0730	11000.	87	3294	No
73	GOM_NL__2PRFIN20021017_052126_000000502010_00234_03294_2569.N1	17-OCT-2002 05:21:26	Bright	50.000	53	43Bet And	2.0480	3300.0	100	3294	No
74	GOM_NL__2PRFIN20021017_052257_000000542010_00234_03294_2570.N1	17-OCT-2002 05:22:57	Bright	53.500	173	4Bet Tri	3.0040	8900.0	107	3294	No
75	GOM_NL__2PRFIN20021017_052450_000000552010_00234_03294_2571.N1	17-OCT-2002 05:24:50	Bright	54.500	73	57Gam1And	2.2600	13100.	109	3294	No
76	GOM_NL__2PRFIN20021017_052700_000000462010_00234_03294_2572.N1	17-OCT-2002 05:27:00	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	3294	No
77	GOM_NL__2PRFIN20021017_052821_000000452010_00234_03294_2573.N1	17-OCT-2002 05:28:21	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	3294	No
78	GOM_NL__2PRFIN20021017_052959_000000422010_00234_03294_2574.N1	17-OCT-2002 05:29:59	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	3294	No
79	GOM_NL__2PRFIN20021017_053603_000000432010_00234_03294_2575.N1	17-OCT-2002 05:36:03	Bright	42.500	49	1Alp UMi	1.9900	6300.0	85	3294	No
80	GOM_NL__2PRFIN20021017_053907_000000412010_00234_03294_2576.N1	17-OCT-2002 05:39:07	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	3294	No
81	GOM_NL__2PRFIN20021017_054417_000000462010_00234_03294_2577.N1	17-OCT-2002 05:44:17	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	3294	No
82	GOM_NL__2PRFIN20021017_054551_000000442010_00234_03294_2578.N1	17-OCT-2002 05:45:51	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	3294	No
83	GOM_NL__2PRFIN20021017_054915_000000422010_00234_03294_2579.N1	17-OCT-2002 05:49:15	Bright	42.000	174	52Psi UMa	3.0040	4400.0	84	3294	No
84	GOM_NL__2PRFIN20021017_055700_000001232010_00234_03294_2580.N1	17-OCT-2002 05:57:00	Twi_and_stray	122.50	17	78Bet Gem	1.1610	4500.0	245	3294	No
85	GOM_NL__2PRFIN20021017_060702_000000722010_00234_03294_2581.N1	17-OCT-2002 06:07:02	Dark	71.500	48	30Alp Hya	1.9770	4100.0	143	3294	No
86	GOM_NL__2PRFIN20021017_061156_000002542010_00234_03294_2582.N1	17-OCT-2002 06:11:56	Dark	254.00	8	10Alp CMi	0.40000	6500.0	508	3294	No
87	GOM_NL__2PRFIN20021017_062628_000001982010_00235_03295_2558.N1	17-OCT-2002 06:26:28	Dark	197.50	1	9Alp CMa	-1.4400	11000.	395	3295	No
88	GOM_NL__2PRFIN20021017_063302_000000452010_00235_03295_2559.N1	17-OCT-2002 06:33:02	Dark	45.000	143	Alp Hyi	2.8570	7200.0	90	3295	No
89	GOM_NL__2PRFIN20021017_063428_000000502010_00235_03295_2560.N1	17-OCT-2002 06:34:28	Dark	50.000	9	Alp Eri	0.45300	24000.	100	3295	No
90	GOM_NL__2PRFIN20021017_063705_000000562010_00235_03295_2561.N1	17-OCT-2002 06:37:05	Straylight	55.500	157	The1Eri	2.9060	9300.0	111	3295	No
91	GOM_NL__2PRFIN20021017_063928_000000492010_00235_03295_2562.N1	17-OCT-2002 06:39:28	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	3295	No
92	GOM_NL__2PRFIN20021017_064602_000000542010_00235_03295_2563.N1	17-OCT-2002 06:46:02	Straylight	54.000	52	16Bet Cet	2.0370	4500.0	108	3295	No
93	GOM_NL__2PRFIN20021017_065539_000000452010_00235_03295_2564.N1	17-OCT-2002 06:55:39	Bright	44.500	140	88Gam Peg	2.8340	26000.	89	3295	No
94	GOM_NL__2PRFIN20021017_065936_000000442010_00235_03295_2565.N1	17-OCT-2002 06:59:36	Bright	43.500	58	21Alp And	2.0730	11000.	87	3295	No
95	GOM_NL__2PRFIN20021017_070201_000000472010_00235_03295_2566.N1	17-OCT-2002 07:02:01	Bright	47.000	53	43Bet And	2.0480	3300.0	94	3295	No
96	GOM_NL__2PRFIN20021017_070331_000000552010_00235_03295_2567.N1	17-OCT-2002 07:03:31	Bright	55.000	173	4Bet Tri	3.0040	8900.0	110	3295	No
97	GOM_NL__2PRFIN20021017_070524_000000572010_00235_03295_2568.N1	17-OCT-2002 07:05:24	Bright	56.500	73	57Gam1And	2.2600	13100.	113	3295	No
98	GOM_NL__2PRFIN20021017_070735_000000462010_00235_03295_2569.N1	17-OCT-2002 07:07:35	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	3295	No
99	GOM_NL__2PRFIN20021017_070856_000000462010_00235_03295_2570.N1	17-OCT-2002 07:08:56	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	3295	No
100	GOM_NL__2PRFIN20021017_071035_000000442010_00235_03295_2571.N1	17-OCT-2002 07:10:35	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	3295	No
101	GOM_NL__2PRFIN20021017_071638_000000442010_00235_03295_2572.N1	17-OCT-2002 07:16:38	Bright	44.000	49	1Alp UMi	1.9900	6300.0	88	3295	No

102	GOM_NL__2PRFIN20021017_071943_000000592010_00235_03295_2573.N1	17-OCT-2002 07:19:43	Bright	59.000	60	7Bet UMi	2.0810	3950.0	118	3295	No
103	GOM_NL__2PRFIN20021017_072452_000000452010_00235_03295_2574.N1	17-OCT-2002 07:24:52	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	3295	No
104	GOM_NL__2PRFIN20021017_072626_000000442010_00235_03295_2575.N1	17-OCT-2002 07:26:26	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	3295	No
105	GOM_NL__2PRFIN20021017_072951_000000522010_00235_03295_2576.N1	17-OCT-2002 07:29:51	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	3295	No
106	GOM_NL__2PRFIN20021017_073736_000001242010_00235_03295_2577.N1	17-OCT-2002 07:37:36	Twi_and_stray	124.00	17	78Bet Gem	1.1610	4500.0	248	3295	No
107	GOM_NL__2PRFIN20021017_074739_000000602010_00235_03295_2578.N1	17-OCT-2002 07:47:39	Dark	60.000	48	30Alp Hya	1.9770	4100.0	120	3295	No
108	GOM_NL__2PRFIN20021017_075236_000002482010_00235_03295_2579.N1	17-OCT-2002 07:52:36	Dark	248.00	8	10Alp CMi	0.40000	6500.0	496	3295	No
109	GOM_NL__2PRFIN20021017_075935_000000572010_00235_03295_2580.N1	17-OCT-2002 07:59:35	Dark	56.500	70	Zet Pup	2.2460	39000.	113	3295	No
110	GOM_NL__2PRFIN20021017_080707_000002022010_00236_03296_2579.N1	17-OCT-2002 08:07:07	Dark	201.50	1	9Alp CMa	-1.4400	11000.	403	3296	No
111	GOM_NL__2PRFIN20021017_081338_000000452010_00236_03296_2580.N1	17-OCT-2002 08:13:38	Dark	45.000	143	Alp Hyi	2.8570	7200.0	90	3296	No
112	GOM_NL__2PRFIN20021017_081504_000000542010_00236_03296_2581.N1	17-OCT-2002 08:15:04	Dark	53.500	9	Alp Eri	0.45300	24000.	107	3296	No
113	GOM_NL__2PRFIN20021017_081742_000000532010_00236_03296_2582.N1	17-OCT-2002 08:17:42	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	3296	No
114	GOM_NL__2PRFIN20021017_082004_000000522010_00236_03296_2583.N1	17-OCT-2002 08:20:04	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	3296	No
115	GOM_NL__2PRFIN20021017_082638_000000532010_00236_03296_2584.N1	17-OCT-2002 08:26:38	Straylight	53.000	52	16Bet Cet	2.0370	4500.0	106	3296	No
116	GOM_NL__2PRFIN20021017_083615_000000442010_00236_03296_2585.N1	17-OCT-2002 08:36:15	Bright	43.500	140	88Gam Peg	2.8340	26000.	87	3296	No
117	GOM_NL__2PRFIN20021017_084012_000000442010_00236_03296_2586.N1	17-OCT-2002 08:40:12	Bright	44.000	58	21Alp And	2.0730	11000.	88	3296	No
118	GOM_NL__2PRFIN20021017_084236_000000472010_00236_03296_2587.N1	17-OCT-2002 08:42:36	Bright	47.000	53	43Bet And	2.0480	3300.0	94	3296	No
119	GOM_NL__2PRFIN20021017_084406_000000552010_00236_03296_2588.N1	17-OCT-2002 08:44:06	Bright	55.000	173	4Bet Tri	3.0040	8900.0	110	3296	No
120	GOM_NL__2PRFIN20021017_084600_000000542010_00236_03296_2589.N1	17-OCT-2002 08:46:00	Bright	54.000	73	57Gam1And	2.2600	13100.	108	3296	No
121	GOM_NL__2PRFIN20021017_084811_000000472010_00236_03296_2590.N1	17-OCT-2002 08:48:11	Bright	47.000	68	18Alp Cas	2.2250	4500.0	94	3296	No
122	GOM_NL__2PRFIN20021017_084931_000000462010_00236_03296_2591.N1	17-OCT-2002 08:49:31	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	3296	No
123	GOM_NL__2PRFIN20021017_085111_000000432010_00236_03296_2592.N1	17-OCT-2002 08:51:11	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	3296	No
124	GOM_NL__2PRFIN20021017_085714_000000412010_00236_03296_2593.N1	17-OCT-2002 08:57:14	Bright	41.000	49	1Alp UMi	1.9900	6300.0	82	3296	No
125	GOM_NL__2PRFIN20021017_090019_000000442010_00236_03296_2594.N1	17-OCT-2002 09:00:19	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	3296	No
126	GOM_NL__2PRFIN20021017_090528_000000432010_00236_03296_2595.N1	17-OCT-2002 09:05:28	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	3296	No
127	GOM_NL__2PRFIN20021017_090702_000000422010_00236_03296_2596.N1	17-OCT-2002 09:07:02	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	3296	No
128	GOM_NL__2PRFIN20021017_091026_000000442010_00236_03296_2597.N1	17-OCT-2002 09:10:26	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	3296	No
129	GOM_NL__2PRFIN20021017_091813_000001252010_00236_03296_2598.N1	17-OCT-2002 09:18:13	Twi_and_stray	125.00	17	78Bet Gem	1.1610	4500.0	250	3296	No
130	GOM_NL__2PRFIN20021017_092815_000000622010_00236_03296_2599.N1	17-OCT-2002 09:28:15	Dark	61.500	48	30Alp Hya	1.9770	4100.0	123	3296	No
131	GOM_NL__2PRFIN20021017_093315_000002512010_00236_03296_2600.N1	17-OCT-2002 09:33:15	Dark	250.50	8	10Alp CMi	0.40000	6500.0	501	3296	No
132	GOM_NL__2PRFIN20021017_094012_000000562010_00236_03296_2601.N1	17-OCT-2002 09:40:12	Dark	56.000	70	Zet Pup	2.2460	39000.	112	3296	No
133	GOM_NL__2PRFIN20021017_094747_000002132010_00237_03297_2586.N1	17-OCT-2002 09:47:47	Dark	213.00	1	9Alp CMa	-1.4400	11000.	426	3297	No
134	GOM_NL__2PRFIN20021017_095414_000000452010_00237_03297_2587.N1	17-OCT-2002 09:54:14	Dark	44.500	143	Alp Hyi	2.8570	7200.0	89	3297	No
135	GOM_NL__2PRFIN20021017_095540_000000472010_00237_03297_2588.N1	17-OCT-2002 09:55:40	Dark	47.000	9	Alp Eri	0.45300	24000.	94	3297	No
136	GOM_NL__2PRFIN20021017_095818_000000532010_00237_03297_2589.N1	17-OCT-2002 09:58:18	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	3297	No
137	GOM_NL__2PRFIN20021017_100040_000000472010_00237_03297_2590.N1	17-OCT-2002 10:00:40	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	3297	No
138	GOM_NL__2PRFIN20021017_100714_000000492010_00237_03297_2591.N1	17-OCT-2002 10:07:14	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	3297	No
139	GOM_NL__2PRFIN20021017_101651_000000432010_00237_03297_2592.N1	17-OCT-2002 10:16:51	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	3297	No
140	GOM_NL__2PRFIN20021017_102047_000000452010_00237_03297_2593.N1	17-OCT-2002 10:20:47	Bright	44.500	58	21Alp And	2.0730	11000.	89	3297	No
141	GOM_NL__2PRFIN20021017_102312_000000482010_00237_03297_2594.N1	17-OCT-2002 10:23:12	Bright	47.500	53	43Bet And	2.0480	3300.0	95	3297	No
142	GOM_NL__2PRFIN20021017_102442_000000552010_00237_03297_2595.N1	17-OCT-2002 10:24:42	Bright	54.500	173	4Bet Tri	3.0040	8900.0	109	3297	No
143	GOM_NL__2PRFIN20021017_102635_000000552010_00237_03297_2596.N1	17-OCT-2002 10:26:35	Bright	55.000	73	57Gam1And	2.2600	13100.	110	3297	No
144	GOM_NL__2PRFIN20021017_102847_000000462010_00237_03297_2597.N1	17-OCT-2002 10:28:47	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	3297	No
145	GOM_NL__2PRFIN20021017_103007_000000462010_00237_03297_2598.N1	17-OCT-2002 10:30:07	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	3297	No
146	GOM_NL__2PRFIN20021017_103147_000000432010_00237_03297_2599.N1	17-OCT-2002 10:31:47	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	3297	No
147	GOM_NL__2PRFIN20021017_103750_000000432010_00237_03297_2600.N1	17-OCT-2002 10:37:50	Bright	43.000	49	1Alp UMi	1.9900	6300.0	86	3297	No
148	GOM_NL__2PRFIN20021017_104055_000000442010_00237_03297_2601.N1	17-OCT-2002 10:40:55	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	3297	No
149	GOM_NL__2PRFIN20021017_104604_000000452010_00237_03297_2602.N1	17-OCT-2002 10:46:04	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	3297	No
150	GOM_NL__2PRFIN20021017_104738_000000432010_00237_03297_2603.N1	17-OCT-2002 10:47:38	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	3297	No
151	GOM_NL__2PRFIN20021017_105102_000000432010_00237_03297_2604.N1	17-OCT-2002 10:51:02	Bright	42.500	174	52Psi UMa	3.0040	4400.0	85	3297	No
152	GOM_NL__2PRFIN20021017_105849_000001192010_00237_03297_2605.N1	17-OCT-2002 10:58:49	Twi_and_stray	119.00	17	78Bet Gem	1.1610	4500.0	238	3297	No
153	GOM_NL__2PRFIN20021017_110852_000000652010_00237_03297_2606.N1	17-OCT-2002 11:08:52	Dark	65.000	48	30Alp Hya	1.9770	4100.0	130	3297	No
154	GOM_NL__2PRFIN20021017_111355_000002162010_00237_03297_2607.N1	17-OCT-2002 11:13:55	Dark	215.50	8	10Alp CMi	0.40000	6500.0	431	3297	No
155	GOM_NL__2PRFIN20021017_112049_000000542010_00237_03297_2608.N1	17-OCT-2002 11:20:49	Dark	54.000	70	Zet Pup	2.2460	39000.	108	3297	No
156	GOM_NL__2PRFIN20021017_112826_000002142010_00238_03298_2715.N1	17-OCT-2002 11:28:26	Dark	213.50	1	9Alp CMa	-1.4400	11000.	427	3298	No
157	GOM_NL__2PRFIN20021017_113450_000000452010_00238_03298_2716.N1	17-OCT-2002 11:34:50	Dark	45.000	143	Alp Hyi	2.8570	7200.0	90	3298	No
158	GOM_NL__2PRFIN20021017_113616_000000562010_00238_03298_2717.N1	17-OCT-2002 11:36:16	Dark	55.500	9	Alp Eri	0.45300	24000.	111	3298	No
159	GOM_NL__2PRFIN20021017_113855_000000532010_00238_03298_2718.N1	17-OCT-2002 11:38:55	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	3298	No
160	GOM_NL__2PRFIN20021017_114116_000000462010_00238_03298_2719.N1	17-OCT-2002 11:41:16	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	3298	No

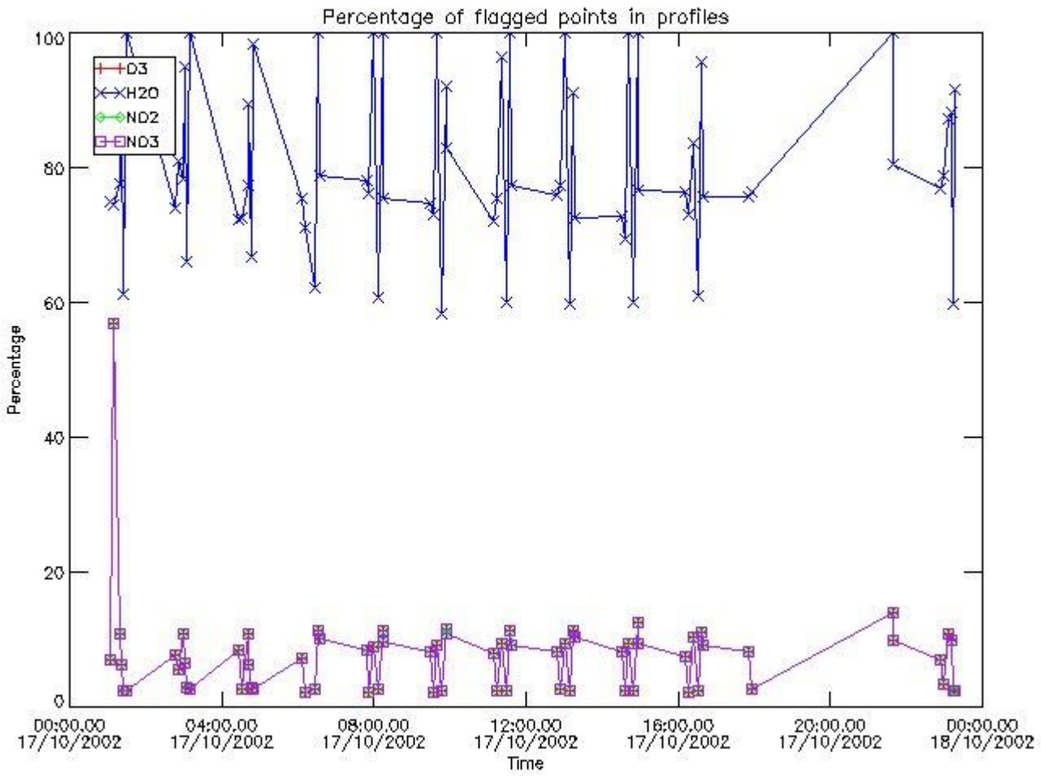
161	GOM_NL__2PRFIN20021017_114750_000000522010_00238_03298_2720.N1	17-OCT-2002 11:47:50	Straylight	52.000	52	16Bet Cet	2.0370	4500.0	104	3298	No
162	GOM_NL__2PRFIN20021017_115727_000000432010_00238_03298_2721.N1	17-OCT-2002 11:57:27	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	3298	No
163	GOM_NL__2PRFIN20021017_120123_000000442010_00238_03298_2722.N1	17-OCT-2002 12:01:23	Bright	44.000	58	21Alp And	2.0730	11000.	88	3298	No
164	GOM_NL__2PRFIN20021017_120348_000000472010_00238_03298_2723.N1	17-OCT-2002 12:03:48	Bright	46.500	53	43Bet And	2.0480	3300.0	93	3298	No
165	GOM_NL__2PRFIN20021017_120517_000000552010_00238_03298_2724.N1	17-OCT-2002 12:05:17	Bright	54.500	173	4Bet Tri	3.0040	8900.0	109	3298	No
166	GOM_NL__2PRFIN20021017_120711_000000552010_00238_03298_2725.N1	17-OCT-2002 12:07:11	Bright	54.500	73	57Gam1And	2.2600	13100.	109	3298	No
167	GOM_NL__2PRFIN20021017_120922_000000432010_00238_03298_2726.N1	17-OCT-2002 12:09:22	Bright	42.500	68	18Alp Cas	2.2250	4500.0	85	3298	No
168	GOM_NL__2PRFIN20021017_121043_000000462010_00238_03298_2727.N1	17-OCT-2002 12:10:43	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	3298	No
169	GOM_NL__2PRFIN20021017_121224_000000442010_00238_03298_2728.N1	17-OCT-2002 12:12:24	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	3298	No
170	GOM_NL__2PRFIN20021017_121826_000000432010_00238_03298_2729.N1	17-OCT-2002 12:18:26	Bright	43.000	49	1Alp UMi	1.9900	6300.0	86	3298	No
171	GOM_NL__2PRFIN20021017_122131_000000452010_00238_03298_2730.N1	17-OCT-2002 12:21:31	Bright	45.000	60	7Bet UMi	2.0810	3950.0	90	3298	No
172	GOM_NL__2PRFIN20021017_122640_000000412010_00238_03298_2731.N1	17-OCT-2002 12:26:40	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	3298	No
173	GOM_NL__2PRFIN20021017_122814_000000442010_00238_03298_2732.N1	17-OCT-2002 12:28:14	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	3298	No
174	GOM_NL__2PRFIN20021017_123138_000000432010_00238_03298_2733.N1	17-OCT-2002 12:31:38	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	3298	No
175	GOM_NL__2PRFIN20021017_123925_000001272010_00238_03298_2734.N1	17-OCT-2002 12:39:25	Twi_and_stray	126.50	17	78Bet Gem	1.1610	4500.0	253	3298	No
176	GOM_NL__2PRFIN20021017_124928_000000632010_00238_03298_2735.N1	17-OCT-2002 12:49:28	Dark	62.500	48	30Alp Hya	1.9770	4100.0	125	3298	No
177	GOM_NL__2PRFIN20021017_125434_000001922010_00238_03298_2736.N1	17-OCT-2002 12:54:34	Dark	192.00	8	10Alp CMi	0.40000	6500.0	384	3298	No
178	GOM_NL__2PRFIN20021017_130126_000000552010_00238_03298_2737.N1	17-OCT-2002 13:01:26	Dark	54.500	70	Zet Pup	2.2460	39000.	109	3298	No
179	GOM_NL__2PRFIN20021017_130906_000002112010_00239_03299_2715.N1	17-OCT-2002 13:09:06	Dark	211.00	1	9Alp CMa	-1.4400	11000.	422	3299	No
180	GOM_NL__2PRFIN20021017_131527_000000452010_00239_03299_2716.N1	17-OCT-2002 13:15:27	Dark	45.000	143	Alp Hyi	2.8570	7200.0	90	3299	No
181	GOM_NL__2PRFIN20021017_131653_000000502010_00239_03299_2717.N1	17-OCT-2002 13:16:53	Dark	49.500	9	Alp Eri	0.45300	24000.	99	3299	No
182	GOM_NL__2PRFIN20021017_131931_000000532010_00239_03299_2718.N1	17-OCT-2002 13:19:31	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	3299	No
183	GOM_NL__2PRFIN20021017_132152_000000492010_00239_03299_2719.N1	17-OCT-2002 13:21:52	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	3299	No
184	GOM_NL__2PRFIN20021017_132827_000000522010_00239_03299_2720.N1	17-OCT-2002 13:28:27	Straylight	52.000	52	16Bet Cet	2.0370	4500.0	104	3299	No
185	GOM_NL__2PRFIN20021017_133803_000000442010_00239_03299_2721.N1	17-OCT-2002 13:38:03	Bright	43.500	140	88Gam Peg	2.8340	26000.	87	3299	No
186	GOM_NL__2PRFIN20021017_134200_000000432010_00239_03299_2722.N1	17-OCT-2002 13:42:00	Bright	43.000	58	21Alp And	2.0730	11000.	86	3299	No
187	GOM_NL__2PRFIN20021017_134423_000000452010_00239_03299_2723.N1	17-OCT-2002 13:44:23	Bright	45.000	53	43Bet And	2.0480	3300.0	90	3299	No
188	GOM_NL__2PRFIN20021017_134552_000000552010_00239_03299_2724.N1	17-OCT-2002 13:45:52	Bright	54.500	173	4Bet Tri	3.0040	8900.0	109	3299	No
189	GOM_NL__2PRFIN20021017_134746_000000502010_00239_03299_2725.N1	17-OCT-2002 13:47:46	Bright	50.000	73	57Gam1And	2.2600	13100.	100	3299	No
190	GOM_NL__2PRFIN20021017_134958_000000462010_00239_03299_2726.N1	17-OCT-2002 13:49:58	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	3299	No
191	GOM_NL__2PRFIN20021017_135119_000000452010_00239_03299_2727.N1	17-OCT-2002 13:51:19	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	3299	No
192	GOM_NL__2PRFIN20021017_135300_000000442010_00239_03299_2728.N1	17-OCT-2002 13:53:00	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	3299	No
193	GOM_NL__2PRFIN20021017_135902_000000432010_00239_03299_2729.N1	17-OCT-2002 13:59:02	Bright	43.000	49	1Alp UMi	1.9900	6300.0	86	3299	No
194	GOM_NL__2PRFIN20021017_140208_000000442010_00239_03299_2730.N1	17-OCT-2002 14:02:08	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	3299	No
195	GOM_NL__2PRFIN20021017_140716_000000452010_00239_03299_2731.N1	17-OCT-2002 14:07:16	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	3299	No
196	GOM_NL__2PRFIN20021017_140850_000000452010_00239_03299_2732.N1	17-OCT-2002 14:08:50	Bright	44.500	82	48Bet UMa	2.3650	10600.	89	3299	No
197	GOM_NL__2PRFIN20021017_141214_000000432010_00239_03299_2733.N1	17-OCT-2002 14:12:14	Bright	42.500	174	52Psi UMa	3.0040	4400.0	85	3299	No
198	GOM_NL__2PRFIN20021017_142002_000001432010_00239_03299_2734.N1	17-OCT-2002 14:20:02	Twi_and_stray	142.50	17	78Bet Gem	1.1610	4500.0	285	3299	No
199	GOM_NL__2PRFIN20021017_143005_000000632010_00239_03299_2735.N1	17-OCT-2002 14:30:05	Dark	63.000	48	30Alp Hya	1.9770	4100.0	126	3299	No
200	GOM_NL__2PRFIN20021017_143514_000002292010_00239_03299_2736.N1	17-OCT-2002 14:35:14	Dark	228.50	8	10Alp CMi	0.40000	6500.0	457	3299	No
201	GOM_NL__2PRFIN20021017_144203_000000542010_00239_03299_2737.N1	17-OCT-2002 14:42:03	Dark	54.000	70	Zet Pup	2.2460	39000.	108	3299	No
202	GOM_NL__2PRFIN20021017_144945_000002132010_00240_03300_2578.N1	17-OCT-2002 14:49:45	Dark	212.50	1	9Alp CMa	-1.4400	11000.	425	3300	No
203	GOM_NL__2PRFIN20021017_145603_000000452010_00240_03300_2579.N1	17-OCT-2002 14:56:03	Dark	44.500	143	Alp Hyi	2.8570	7200.0	89	3300	No
204	GOM_NL__2PRFIN20021017_145729_000000542010_00240_03300_2580.N1	17-OCT-2002 14:57:29	Dark	54.000	9	Alp Eri	0.45300	24000.	108	3300	No
205	GOM_NL__2PRFIN20021017_150008_000000542010_00240_03300_2581.N1	17-OCT-2002 15:00:08	Straylight	53.500	157	The1Eri	2.9060	9300.0	107	3300	No
206	GOM_NL__2PRFIN20021017_150228_000000502010_00240_03300_2582.N1	17-OCT-2002 15:02:28	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	3300	No
207	GOM_NL__2PRFIN20021017_150903_000000522010_00240_03300_2583.N1	17-OCT-2002 15:09:03	Straylight	52.000	52	16Bet Cet	2.0370	4500.0	104	3300	No
208	GOM_NL__2PRFIN20021017_151839_000000432010_00240_03300_2584.N1	17-OCT-2002 15:18:39	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	3300	No
209	GOM_NL__2PRFIN20021017_152236_000000432010_00240_03300_2585.N1	17-OCT-2002 15:22:36	Bright	42.500	58	21Alp And	2.0730	11000.	85	3300	No
210	GOM_NL__2PRFIN20021017_152820_000000562010_00240_03300_2586.N1	17-OCT-2002 15:28:20	Bright	56.000	73	57Gam1And	2.2600	13100.	112	3300	No
211	GOM_NL__2PRFIN20021017_153033_000000472010_00240_03300_2587.N1	17-OCT-2002 15:30:33	Bright	46.500	68	18Alp Cas	2.2250	4500.0	93	3300	No
212	GOM_NL__2PRFIN20021017_153152_000000482010_00240_03300_2588.N1	17-OCT-2002 15:31:52	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	3300	No
213	GOM_NL__2PRFIN20021017_153336_000000422010_00240_03300_2589.N1	17-OCT-2002 15:33:36	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	3300	No
214	GOM_NL__2PRFIN20021017_153935_000000462010_00240_03300_2590.N1	17-OCT-2002 15:39:35	Bright	45.500	49	1Alp UMi	1.9900	6300.0	91	3300	No
215	GOM_NL__2PRFIN20021017_154242_000000442010_00240_03300_2591.N1	17-OCT-2002 15:42:42	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	3300	No
216	GOM_NL__2PRFIN20021017_154751_000000432010_00240_03300_2592.N1	17-OCT-2002 15:47:51	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	3300	No
217	GOM_NL__2PRFIN20021017_154925_000000442010_00240_03300_2593.N1	17-OCT-2002 15:49:25	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	3300	No
218	GOM_NL__2PRFIN20021017_155249_000000452010_00240_03300_2594.N1	17-OCT-2002 15:52:49	Bright	44.500	174	52Psi UMa	3.0040	4400.0	89	3300	No
219	GOM_NL__2PRFIN20021017_160038_000001202010_00240_03300_2595.N1	17-OCT-2002 16:00:38	Twi_and_stray	120.00	17	78Bet Gem	1.1610	4500.0	240	3300	No

220	GOM_NL__2PRFIN20021017_161038_000000692010_00240_03300_2596.N1	17-OCT-2002 16:10:38	Dark	68.500	48	30Alp Hya	1.9770	4100.0	137	3300	No
221	GOM_NL__2PRFIN20021017_161552_000002542010_00240_03300_2597.N1	17-OCT-2002 16:15:52	Dark	254.00	8	10Alp CMi	0.40000	6500.0	508	3300	No
222	GOM_NL__2PRFIN20021017_162317_000000502010_00241_03301_2578.N1	17-OCT-2002 16:23:17	Dark	49.500	71	Iot Car	2.2460	7700.0	99	3301	No
223	GOM_NL__2PRFIN20021017_163024_000002072010_00241_03301_2579.N1	17-OCT-2002 16:30:24	Dark	206.50	1	9Alp CMa	-1.4400	11000.	413	3301	No
224	GOM_NL__2PRFIN20021017_163638_000000462010_00241_03301_2580.N1	17-OCT-2002 16:36:38	Dark	45.500	143	Alp Hyi	2.8570	7200.0	91	3301	No
225	GOM_NL__2PRFIN20021017_163804_000000562010_00241_03301_2581.N1	17-OCT-2002 16:38:04	Dark	56.000	9	Alp Eri	0.45300	24000.	112	3301	No
226	GOM_NL__2PRFIN20021017_164043_000000532010_00241_03301_2582.N1	17-OCT-2002 16:40:43	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	3301	No
227	GOM_NL__2PRFIN20021017_164304_000000502010_00241_03301_2583.N1	17-OCT-2002 16:43:04	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	3301	No
228	GOM_NL__2PRFIN20021017_164938_000000502010_00241_03301_2584.N1	17-OCT-2002 16:49:38	Straylight	49.500	52	16Bet Cet	2.0370	4500.0	99	3301	No
229	GOM_NL__2PRFIN20021017_165915_000000432010_00241_03301_2585.N1	17-OCT-2002 16:59:15	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	3301	No
230	GOM_NL__2PRFIN20021017_170311_000000452010_00241_03301_2586.N1	17-OCT-2002 17:03:11	Bright	45.000	58	21Alp And	2.0730	11000.	90	3301	No
231	GOM_NL__2PRFIN20021017_170856_000000562010_00241_03301_2587.N1	17-OCT-2002 17:08:56	Bright	56.000	73	57Gam1And	2.2600	13100.	112	3301	No
232	GOM_NL__2PRFIN20021017_171109_000000452010_00241_03301_2588.N1	17-OCT-2002 17:11:09	Bright	45.000	68	18Alp Cas	2.2250	4500.0	90	3301	No
233	GOM_NL__2PRFIN20021017_171230_000000462010_00241_03301_2589.N1	17-OCT-2002 17:12:30	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	3301	No
234	GOM_NL__2PRFIN20021017_171412_000000442010_00241_03301_2590.N1	17-OCT-2002 17:14:12	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	3301	No
235	GOM_NL__2PRFIN20021017_172013_000000452010_00241_03301_2591.N1	17-OCT-2002 17:20:13	Bright	44.500	49	1Alp UMi	1.9900	6300.0	89	3301	No
236	GOM_NL__2PRFIN20021017_172320_000000442010_00241_03301_2592.N1	17-OCT-2002 17:23:20	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	3301	No
237	GOM_NL__2PRFIN20021017_172827_000000422010_00241_03301_2593.N1	17-OCT-2002 17:28:27	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	3301	No
238	GOM_NL__2PRFIN20021017_173001_000000422010_00241_03301_2594.N1	17-OCT-2002 17:30:01	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	3301	No
239	GOM_NL__2PRFIN20021017_173326_000000452010_00241_03301_2595.N1	17-OCT-2002 17:33:26	Bright	44.500	174	52Psi UMa	3.0040	4400.0	89	3301	No
240	GOM_NL__2PRFIN20021017_174114_000001202010_00241_03301_2596.N1	17-OCT-2002 17:41:14	Twi_and_stray	120.00	17	78Bet Gem	1.1610	4500.0	240	3301	No
241	GOM_NL__2PRFIN20021017_175117_000000622010_00241_03301_2597.N1	17-OCT-2002 17:51:17	Dark	62.000	48	30Alp Hya	1.9770	4100.0	124	3301	No
242	GOM_NL__2PRFIN20021017_175632_000002082010_00241_03301_2598.N1	17-OCT-2002 17:56:32	Dark	207.50	8	10Alp CMi	0.40000	6500.0	415	3301	No
243	GOM_NL__2PRFIN20021017_213827_000000442010_00244_03304_2586.N1	17-OCT-2002 21:38:27	Dark	44.000	143	Alp Hyi	2.8570	7200.0	88	3304	No
244	GOM_NL__2PRFIN20021017_213953_000000572010_00244_03304_2587.N1	17-OCT-2002 21:39:53	Dark	57.000	9	Alp Eri	0.45300	24000.	114	3304	No
245	GOM_NL__2PRFIN20021017_214233_000000532010_00244_03304_2588.N1	17-OCT-2002 21:42:33	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	3304	No
246	GOM_NL__2PRFIN20021017_214452_000000512010_00244_03304_2589.N1	17-OCT-2002 21:44:52	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	3304	No
247	GOM_NL__2PRFIN20021017_215127_000000502010_00244_03304_2590.N1	17-OCT-2002 21:51:27	Straylight	50.000	52	16Bet Cet	2.0370	4500.0	100	3304	No
248	GOM_NL__2PRFIN20021017_220102_000000432010_00244_03304_2591.N1	17-OCT-2002 22:01:02	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	3304	No
249	GOM_NL__2PRFIN20021017_220458_000000442010_00244_03304_2592.N1	17-OCT-2002 22:04:58	Bright	44.000	58	21Alp And	2.0730	11000.	88	3304	No
250	GOM_NL__2PRFIN20021017_221042_000000542010_00244_03304_2593.N1	17-OCT-2002 22:10:42	Bright	54.000	73	57Gam1And	2.2600	13100.	108	3304	No
251	GOM_NL__2PRFIN20021017_221256_000000462010_00244_03304_2594.N1	17-OCT-2002 22:12:56	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	3304	No
252	GOM_NL__2PRFIN20021017_221417_000000462010_00244_03304_2595.N1	17-OCT-2002 22:14:17	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	3304	No
253	GOM_NL__2PRFIN20021017_221601_000000442010_00244_03304_2596.N1	17-OCT-2002 22:16:01	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	3304	No
254	GOM_NL__2PRFIN20021017_222200_000000442010_00244_03304_2597.N1	17-OCT-2002 22:22:00	Bright	44.000	49	1Alp UMi	1.9900	6300.0	88	3304	No
255	GOM_NL__2PRFIN20021017_222508_000000402010_00244_03304_2598.N1	17-OCT-2002 22:25:08	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	3304	No
256	GOM_NL__2PRFIN20021017_223014_000000472010_00244_03304_2599.N1	17-OCT-2002 22:30:14	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	3304	No
257	GOM_NL__2PRFIN20021017_223148_000000452010_00244_03304_2600.N1	17-OCT-2002 22:31:48	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	3304	No
258	GOM_NL__2PRFIN20021017_223513_000000492010_00244_03304_2601.N1	17-OCT-2002 22:35:13	Bright	49.000	174	52Psi UMa	3.0040	4400.0	98	3304	No
259	GOM_NL__2PRFIN20021017_224304_000001272010_00244_03304_2602.N1	17-OCT-2002 22:43:04	Twi_and_stray	126.50	17	78Bet Gem	1.1610	4500.0	253	3304	No
260	GOM_NL__2PRFIN20021017_225308_000000722010_00244_03304_2603.N1	17-OCT-2002 22:53:08	Dark	72.000	48	30Alp Hya	1.9770	4100.0	144	3304	No
261	GOM_NL__2PRFIN20021017_225831_000002132010_00244_03304_2604.N1	17-OCT-2002 22:58:31	Dark	213.00	8	10Alp CMi	0.40000	6500.0	426	3304	No
262	GOM_NL__2PRFIN20021017_230542_000000482010_00245_03305_2581.N1	17-OCT-2002 23:05:42	Dark	47.500	71	Iot Car	2.2460	7700.0	95	3305	No
263	GOM_NL__2PRFIN20021017_231011_000000562010_00245_03305_2582.N1	17-OCT-2002 23:10:11	Dark	56.000	161	Tau Pup	2.9310	4500.0	112	3305	No
264	GOM_NL__2PRFIN20021017_231302_000002182010_00245_03305_2583.N1	17-OCT-2002 23:13:02	Dark	218.00	1	9Alp CMa	-1.4400	11000.	436	3305	No
265	GOM_NL__2PRFIN20021017_231715_000002222010_00245_03305_2584.N1	17-OCT-2002 23:17:15	Dark	222.00	47	2Bet CMa	1.9760	28000.	444	3305	No
266	GOM_NL__2PRFIN20021017_232309_000000552010_00245_03305_2585.N1	17-OCT-2002 23:23:09	Straylight	54.500	157	The1Eri	2.9060	9300.0	109	3305	No
267	GOM_NL__2PRFIN20021017_232528_000000492010_00245_03305_2586.N1	17-OCT-2002 23:25:28	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	3305	No
268	GOM_NL__2PRFIN20021017_233203_000000522010_00245_03305_2587.N1	17-OCT-2002 23:32:03	Straylight	51.500	52	16Bet Cet	2.0370	4500.0	103	3305	No
269	GOM_NL__2PRFIN20021017_234138_000000442010_00245_03305_2588.N1	17-OCT-2002 23:41:38	Bright	44.000	140	88Gam Peg	2.8340	26000.	88	3305	No
270	GOM_NL__2PRFIN20021017_234534_000000442010_00245_03305_2589.N1	17-OCT-2002 23:45:34	Bright	44.000	58	21Alp And	2.0730	11000.	88	3305	No
271	GOM_NL__2PRFIN20021017_234757_000000482010_00245_03305_2590.N1	17-OCT-2002 23:47:57	Bright	47.500	53	43Bet And	2.0480	3300.0	95	3305	No
272	GOM_NL__2PRFIN20021017_235117_000000532010_00245_03305_2591.N1	17-OCT-2002 23:51:17	Bright	53.000	73	57Gam1And	2.2600	13100.	106	3305	No
273	GOM_NL__2PRFIN20021017_235332_000000472010_00245_03305_2592.N1	17-OCT-2002 23:53:32	Bright	46.500	68	18Alp Cas	2.2250	4500.0	93	3305	No
274	GOM_NL__2PRFIN20021017_235453_000000462010_00245_03305_2593.N1	17-OCT-2002 23:54:53	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	3305	No
275	GOM_NL__2PRFIN20021017_235637_000000442010_00245_03305_2594.N1	17-OCT-2002 23:56:37	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	3305	No

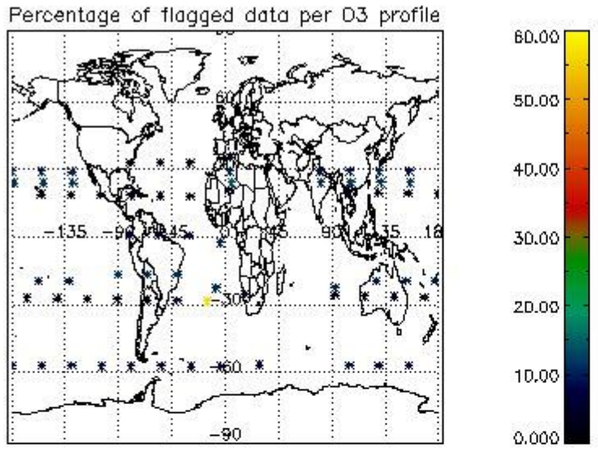
3. Quality information per product

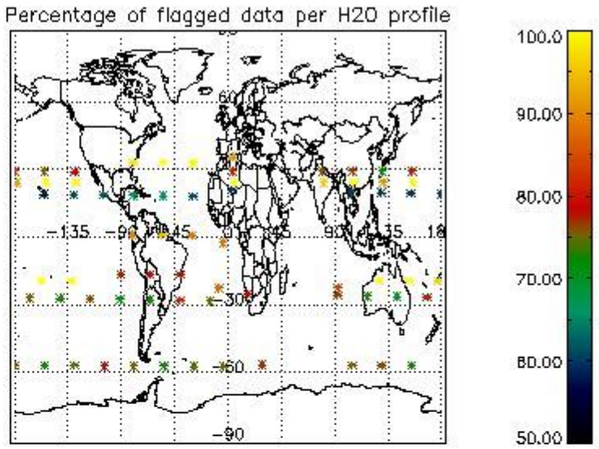
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

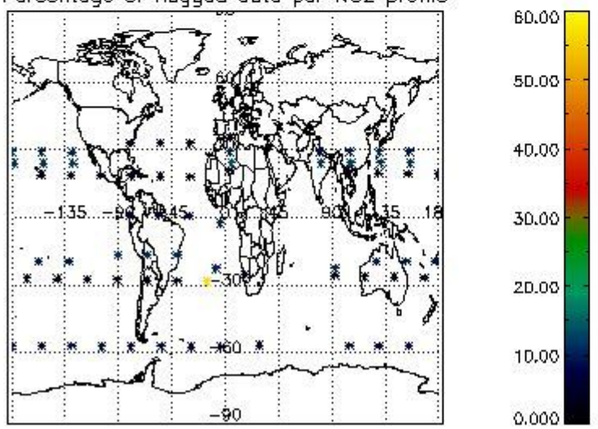
3.1 Plot quality information per product (time dependant)

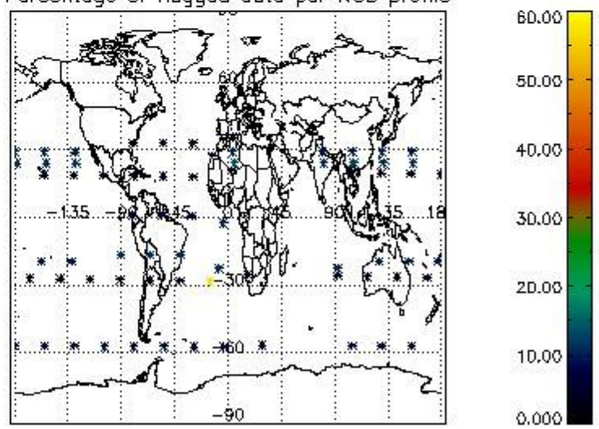


3.2 Plot quality information per product (world map)







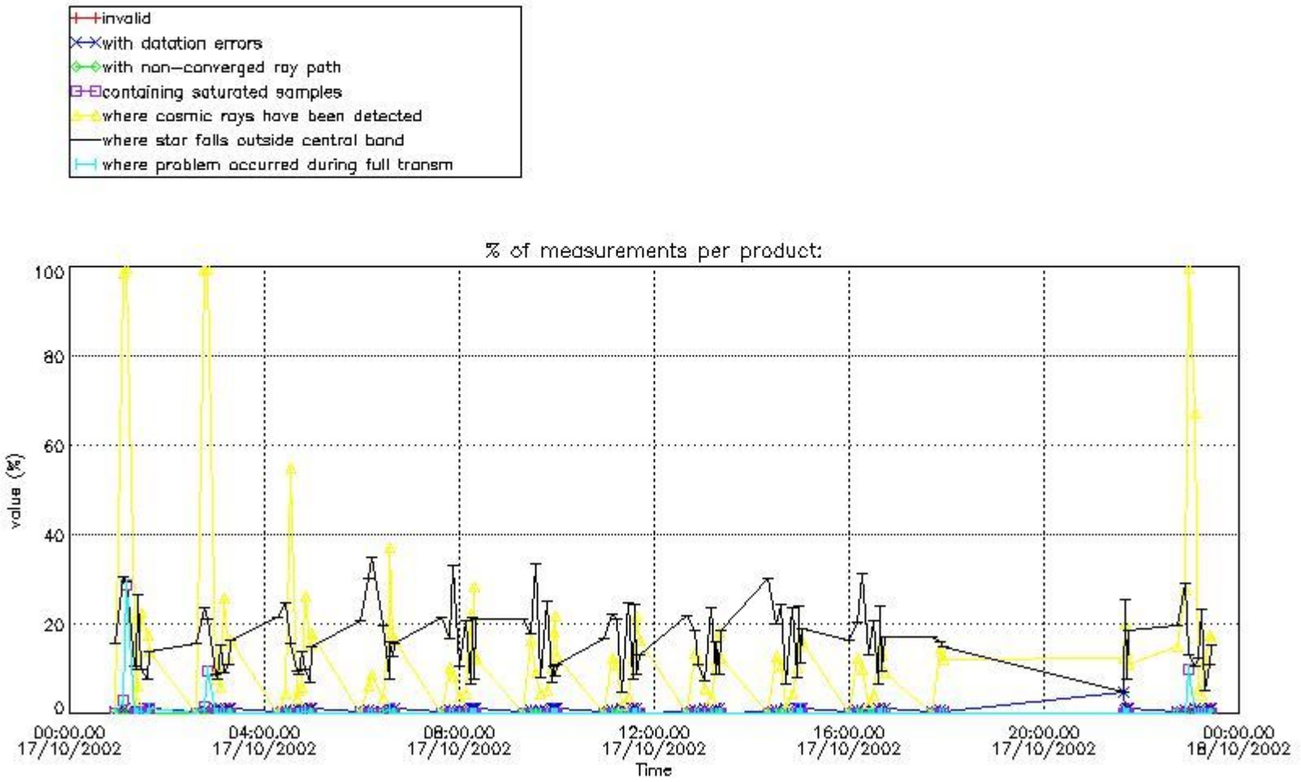


4. Level 1 quality information per product

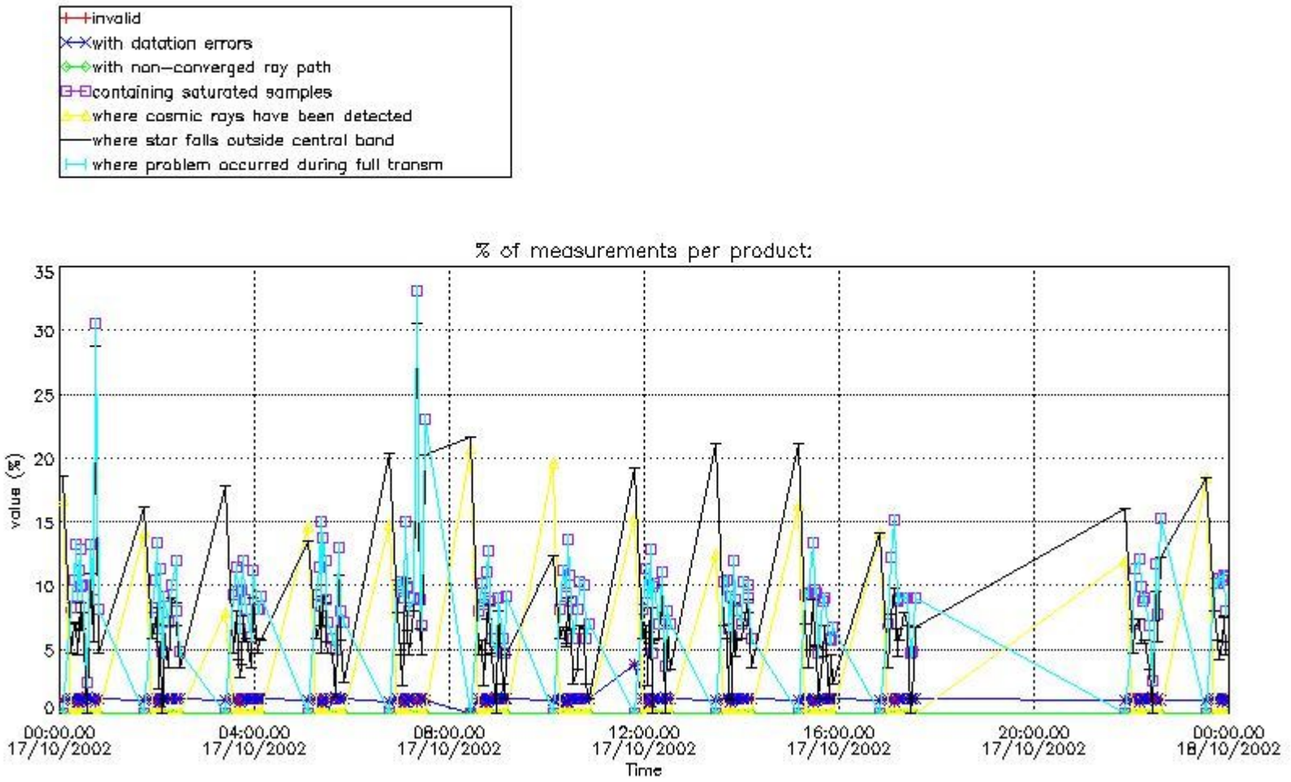
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

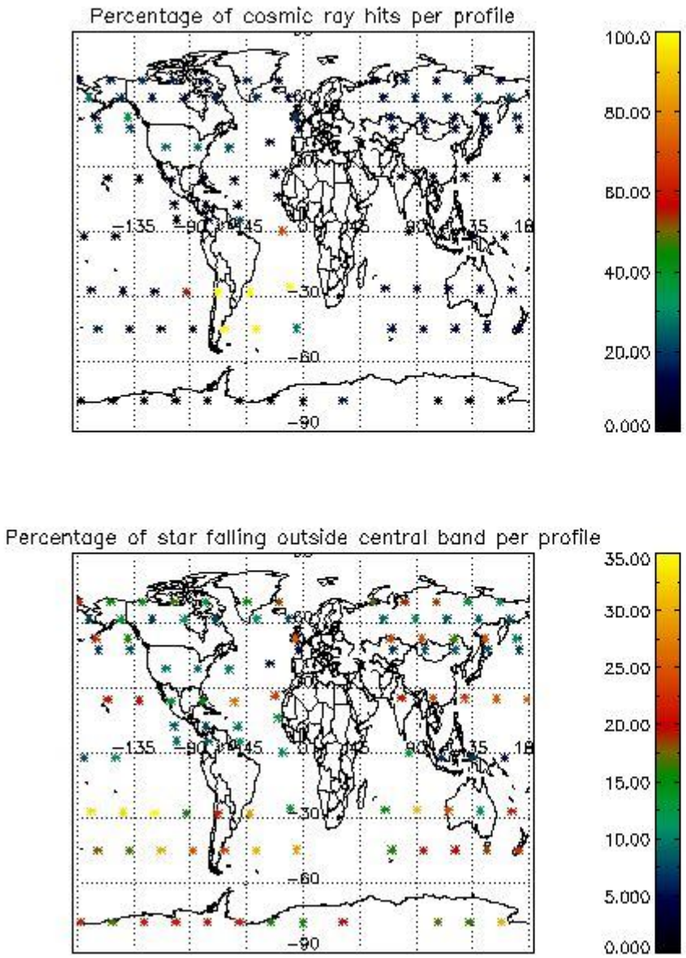


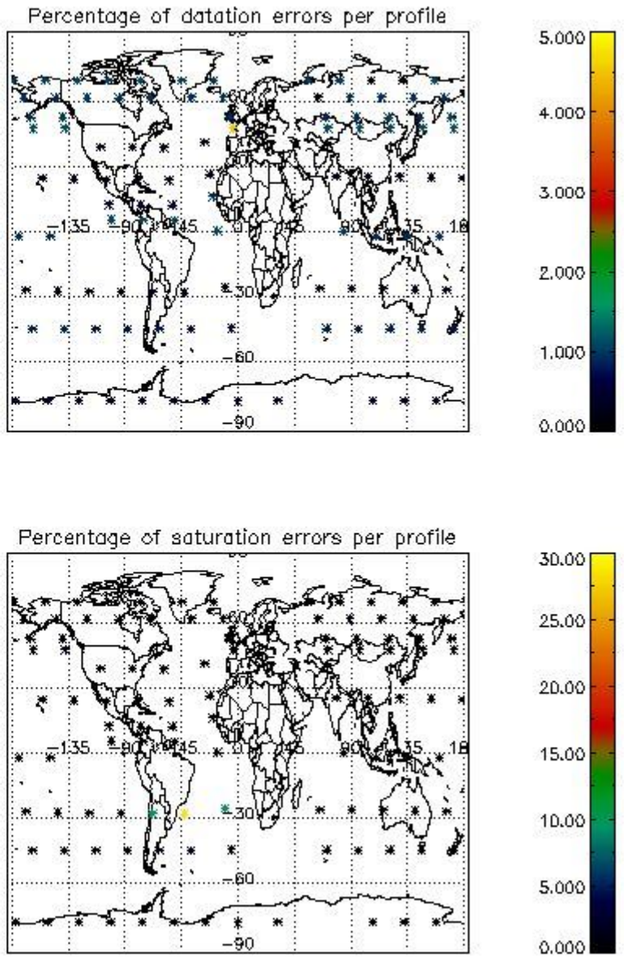
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



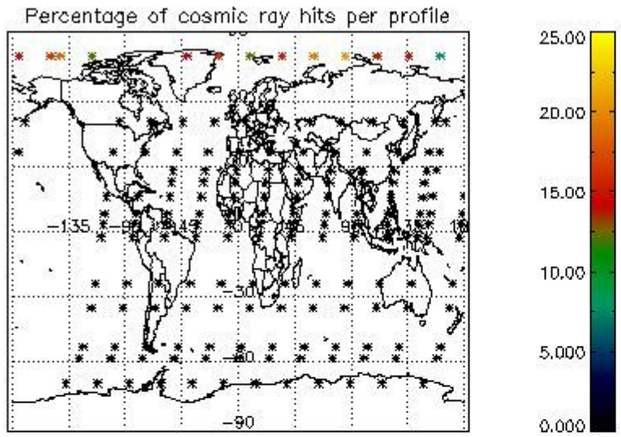
4.2 Plot quality information per product comming from level 1b processing (world map)

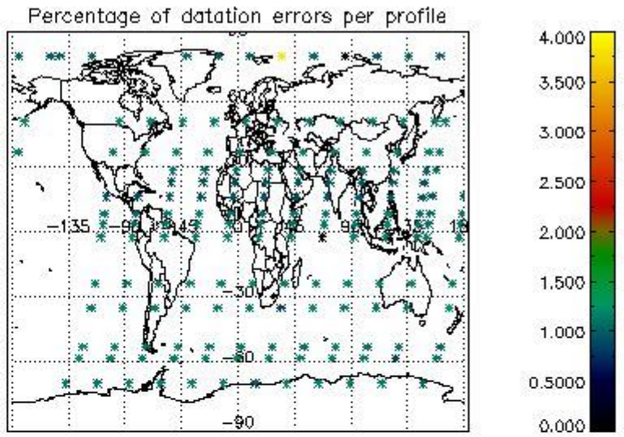
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

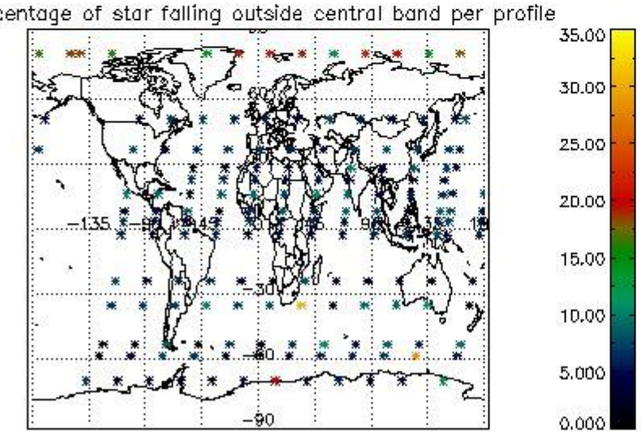


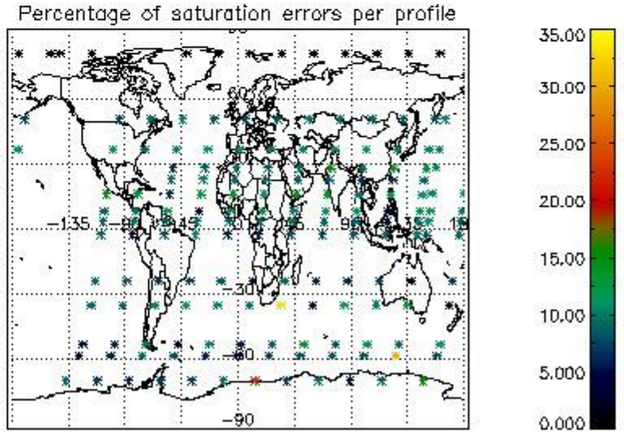


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









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

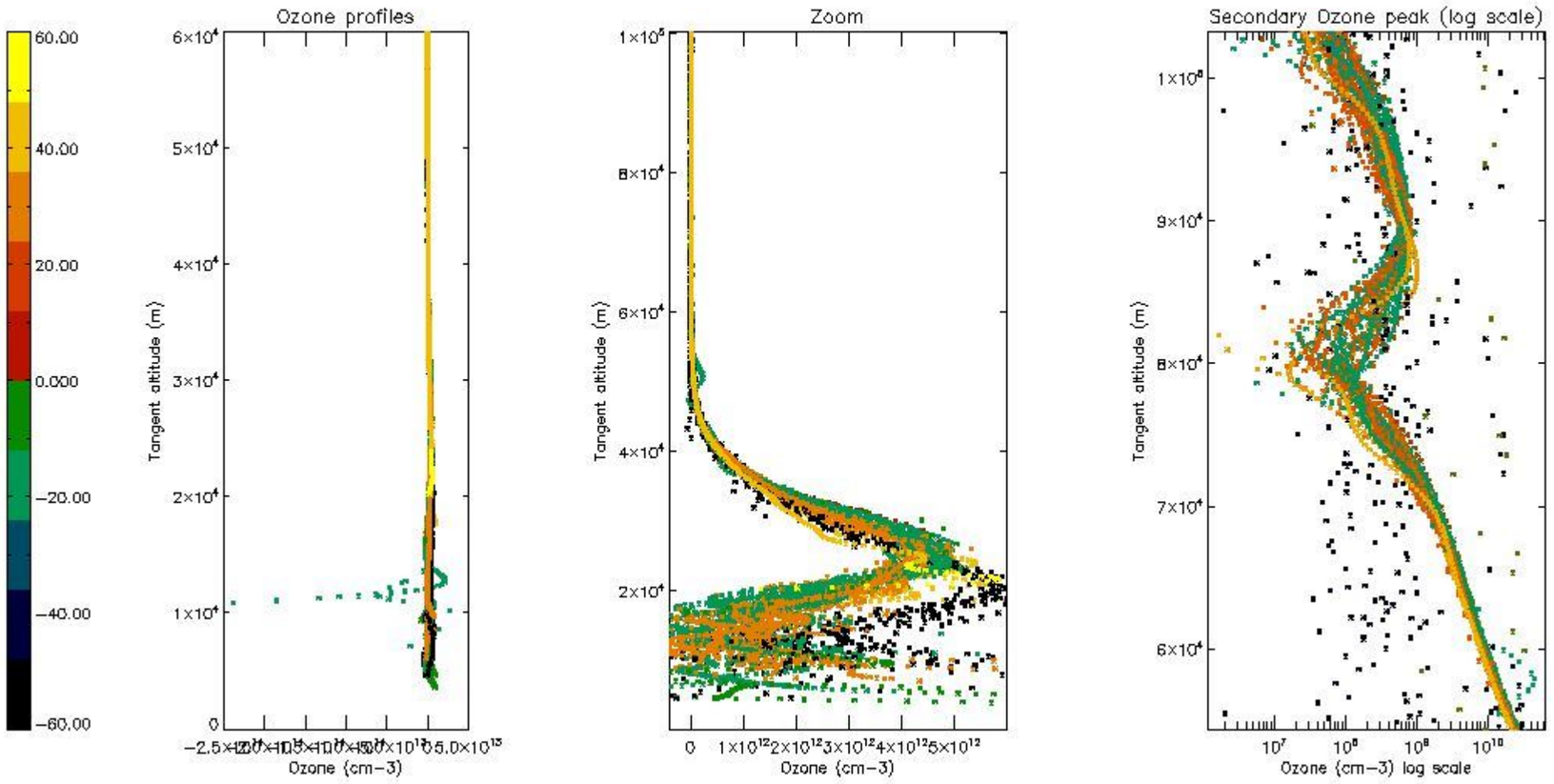
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	46
STD < 20	29

STD < 10	27
STD < 5	23

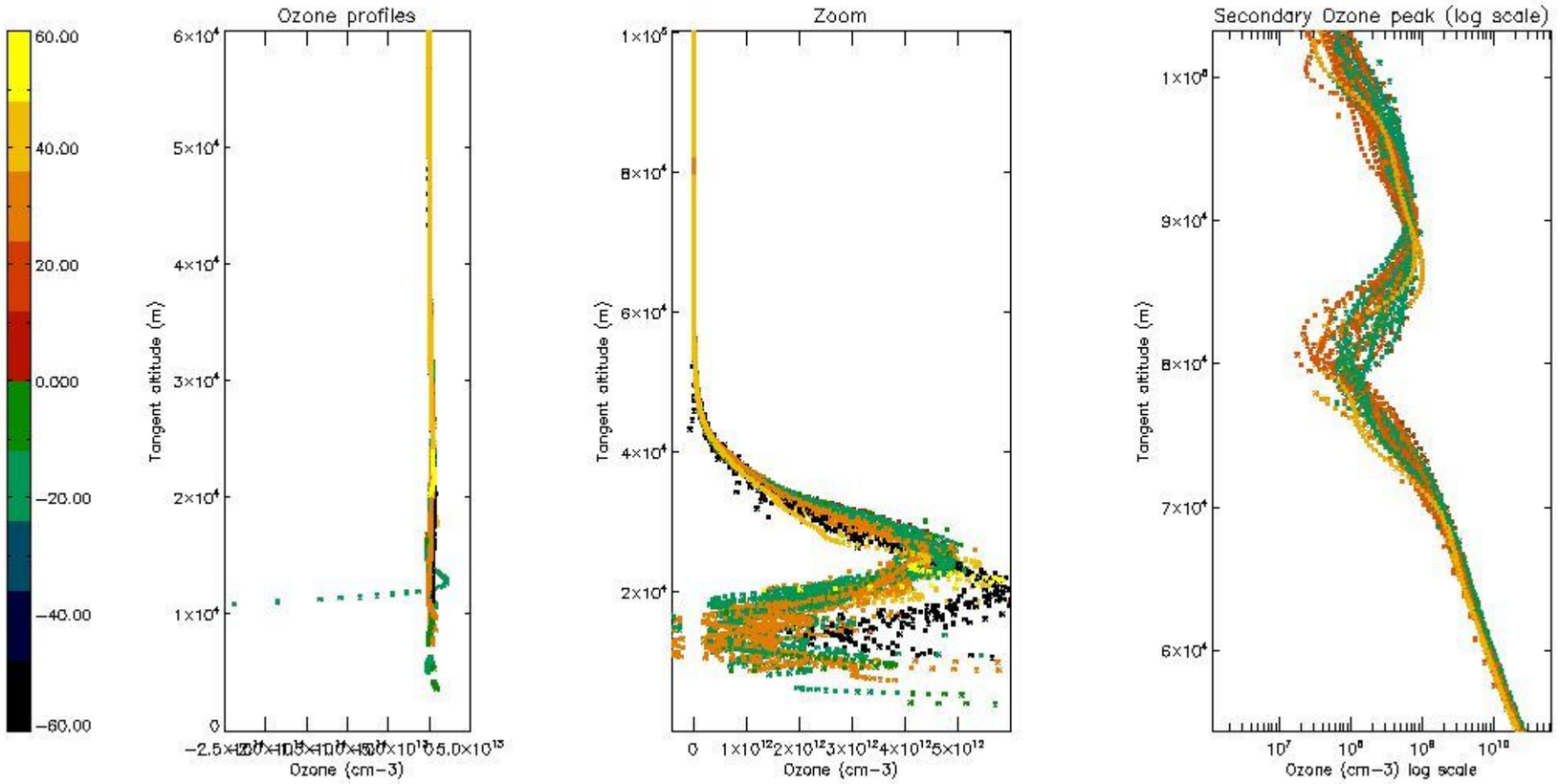
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



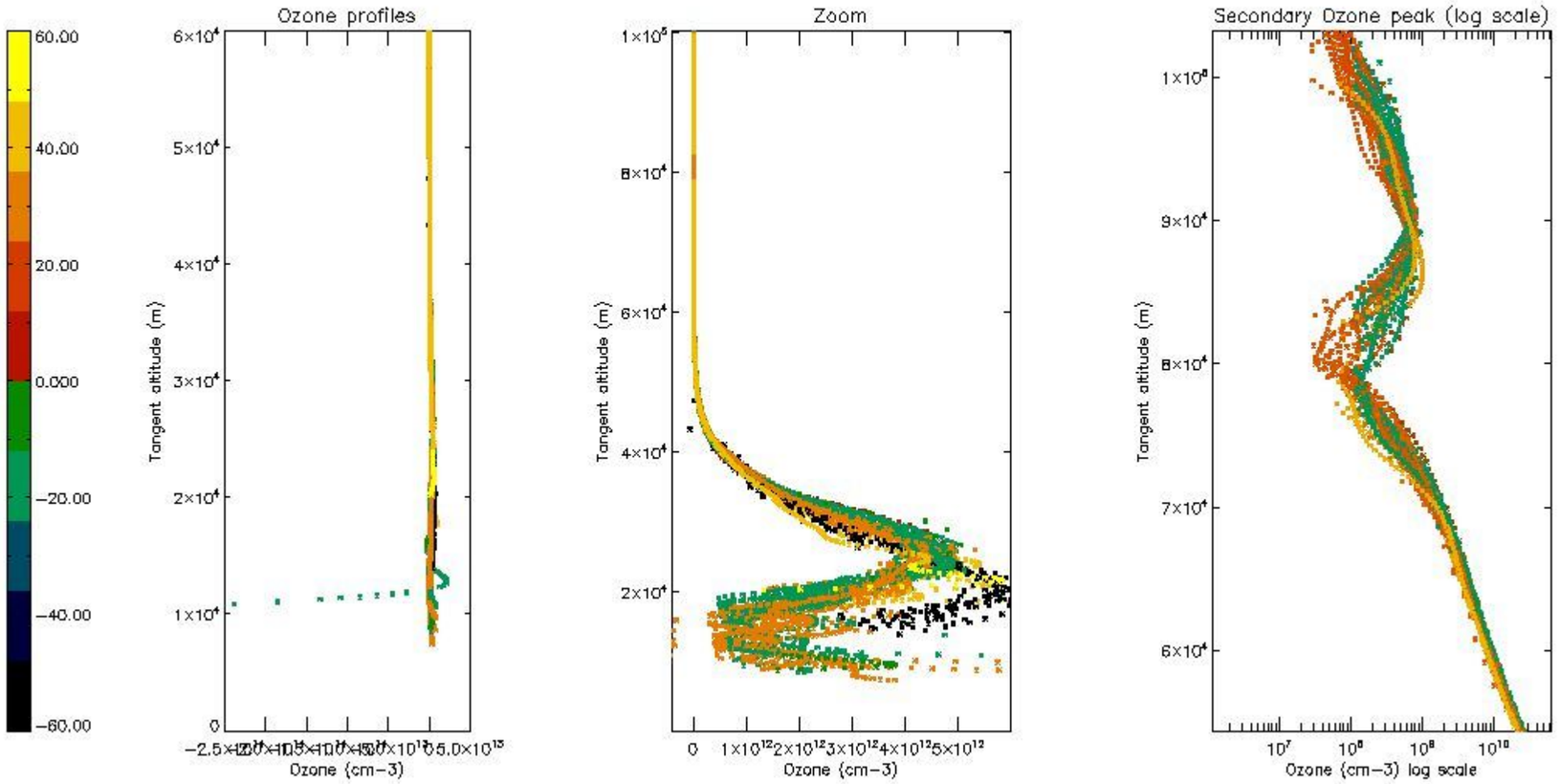
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



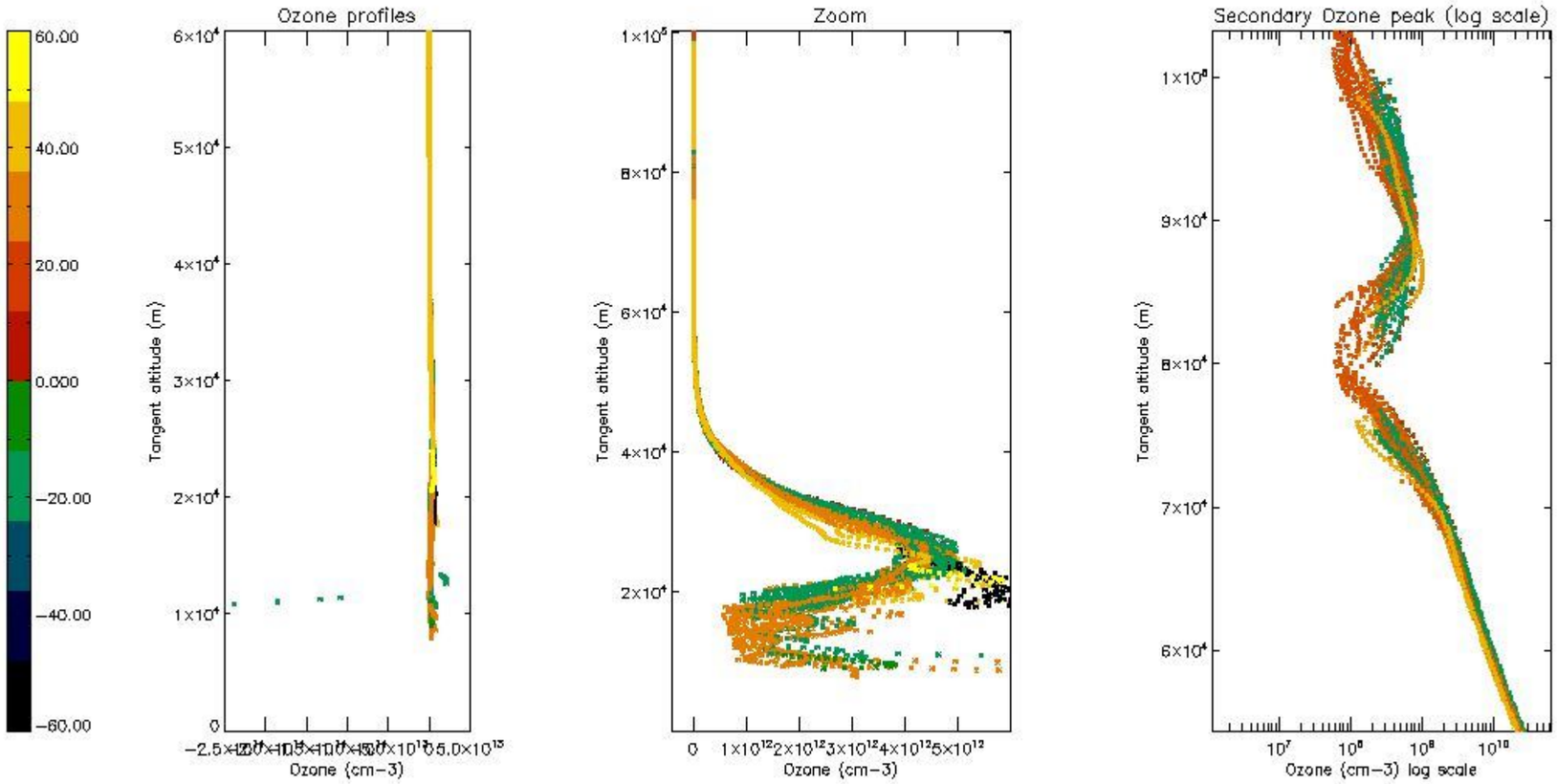
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



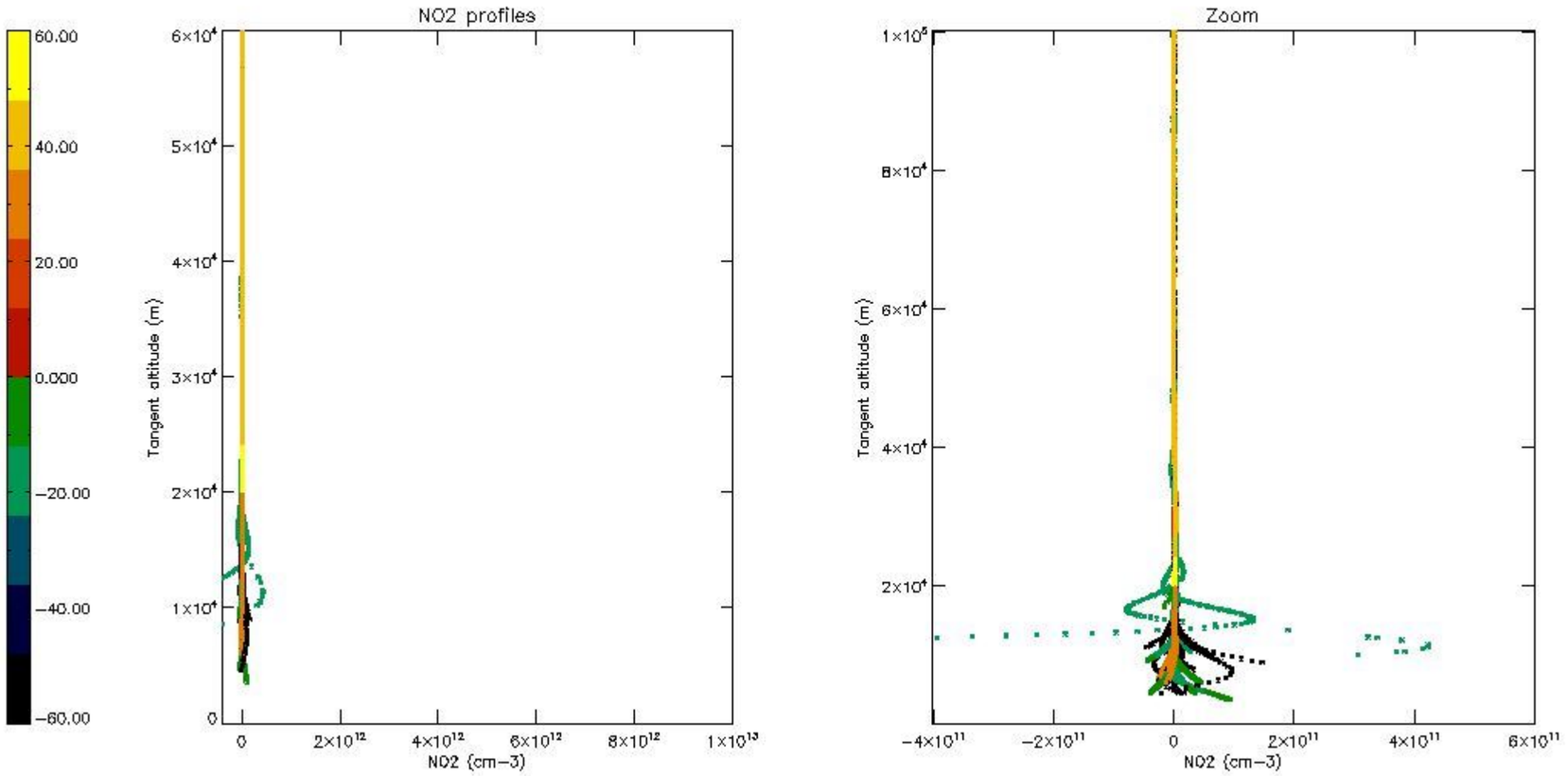
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



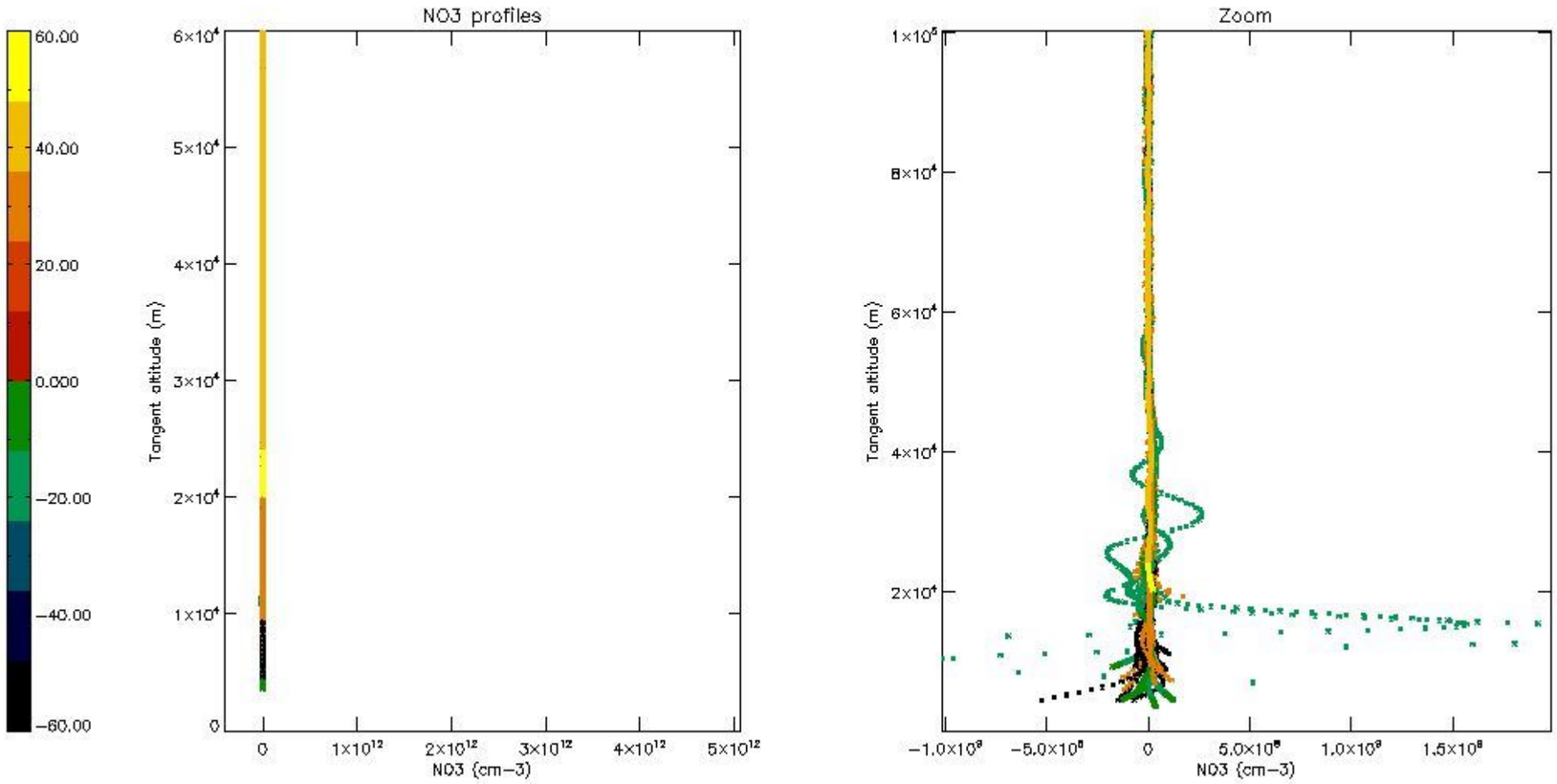
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



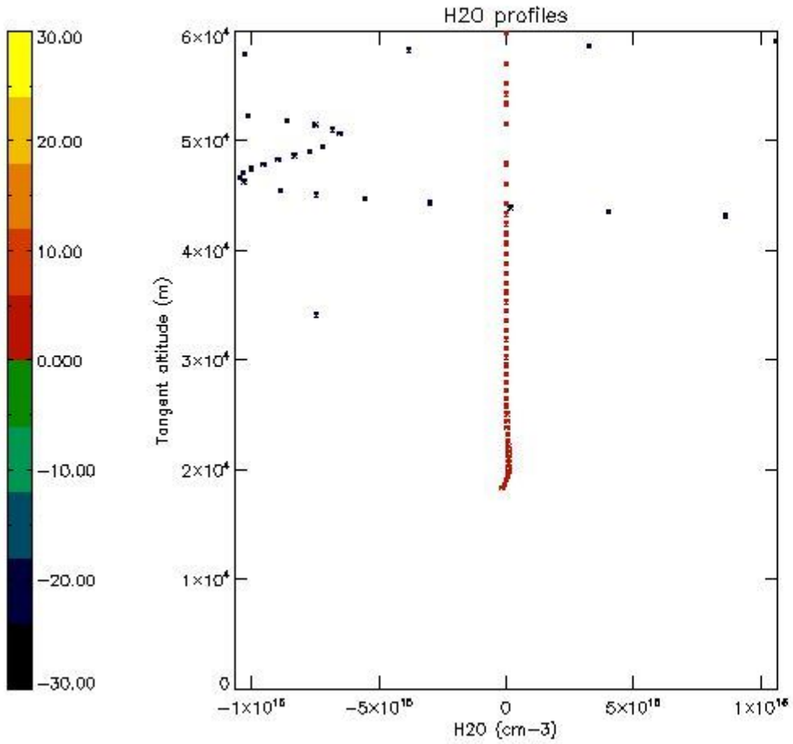
5.7 Plot NO3 profiles for all STD (dark without errors)

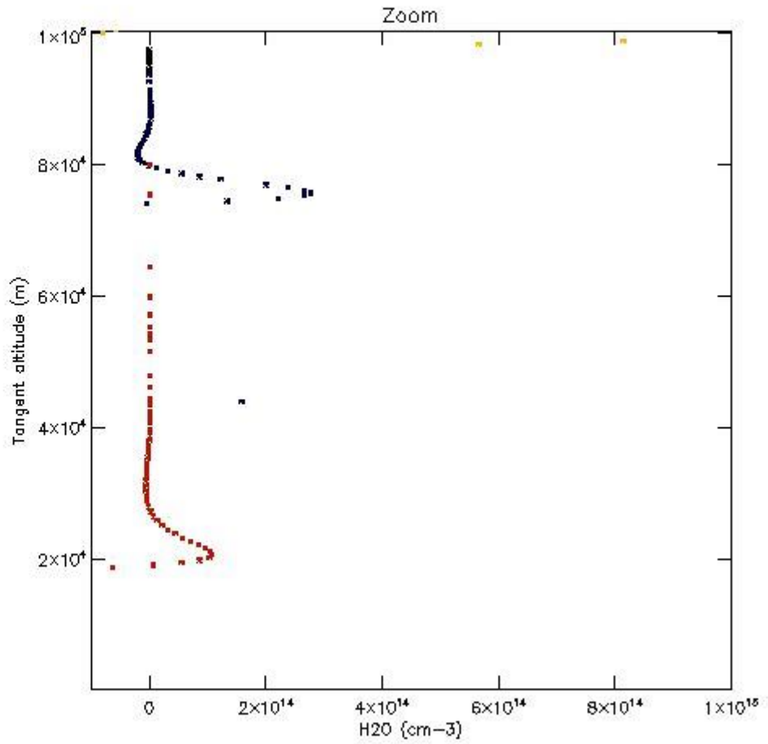
The colorbar represents the latitude.



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.

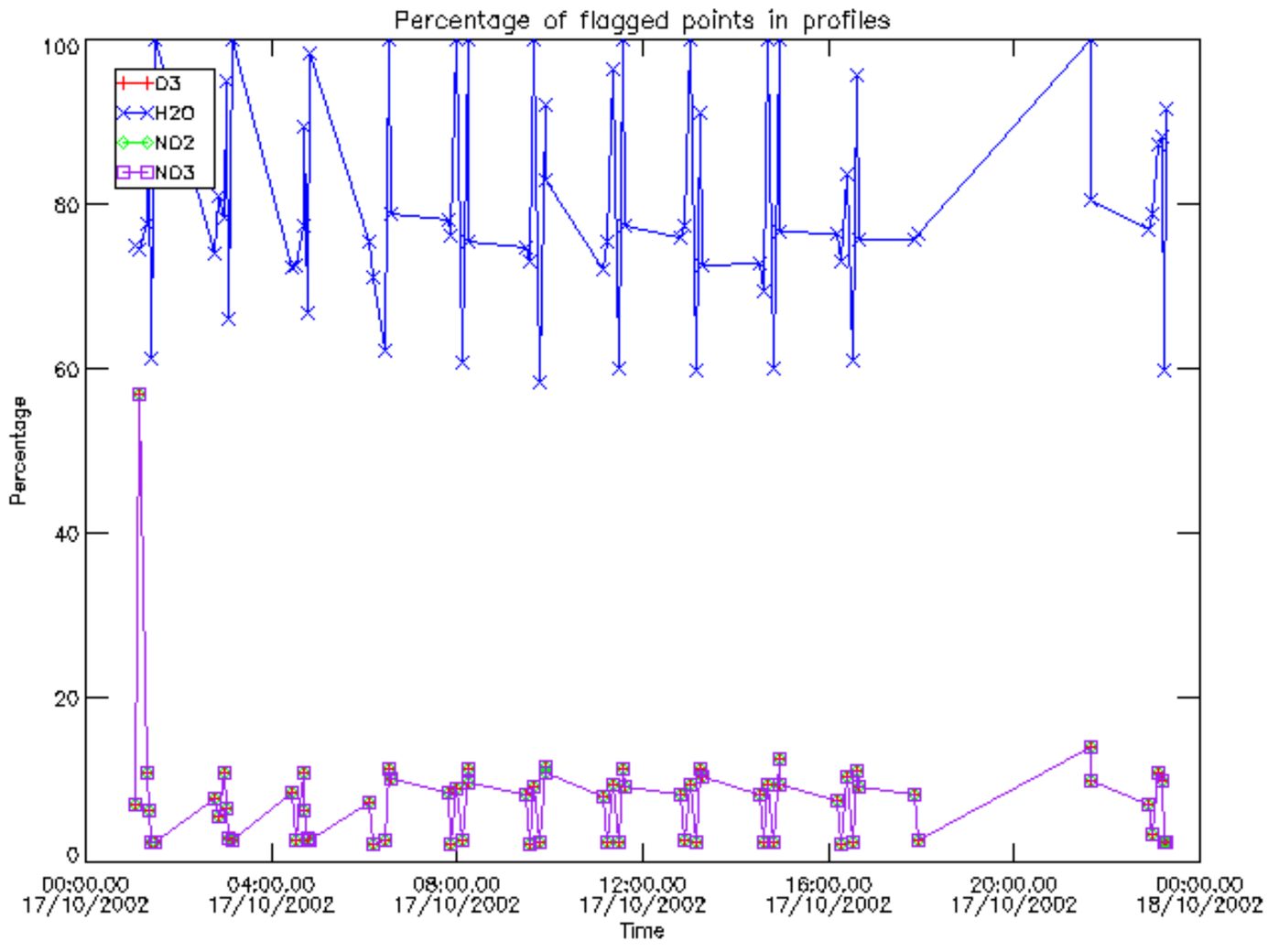


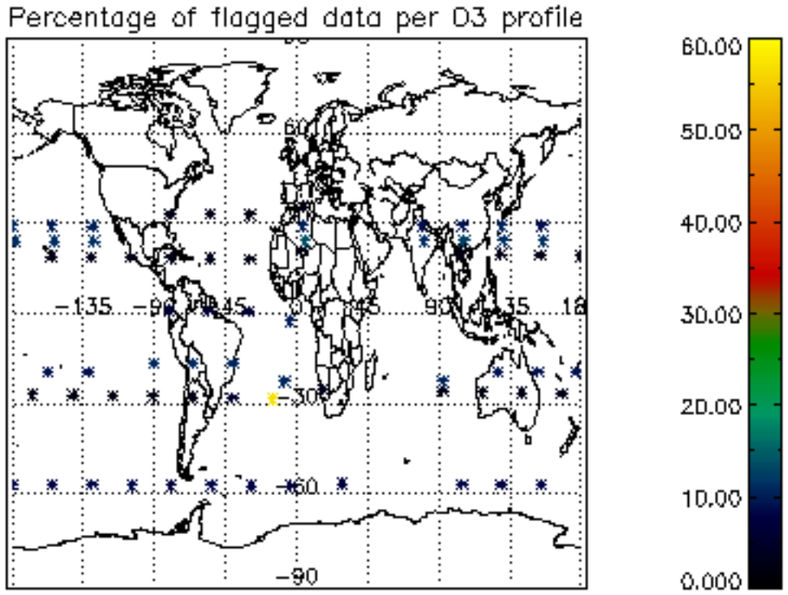


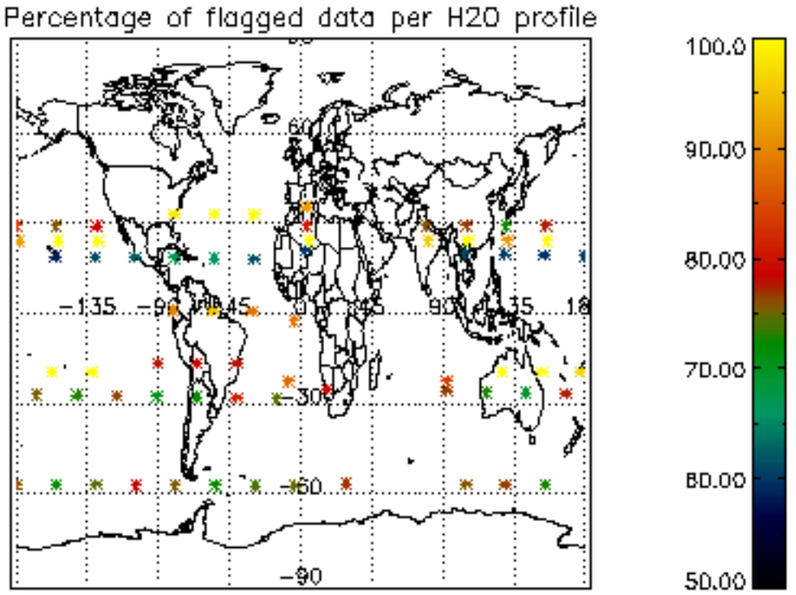
6. Auxiliary Data Files used for the production reported in section 2

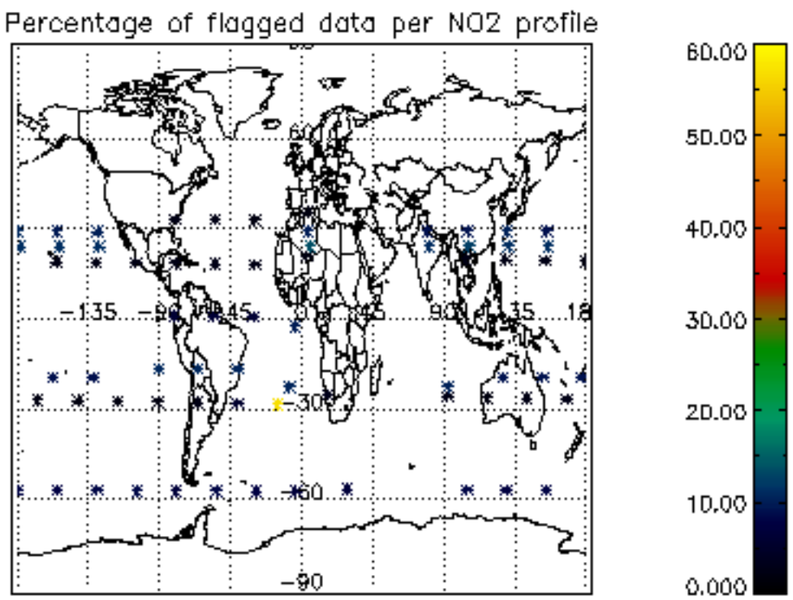
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

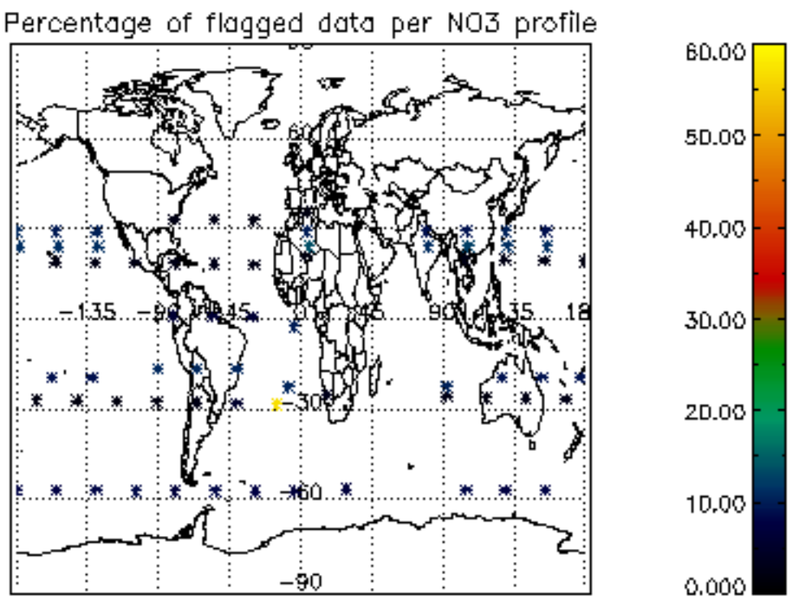
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	17-OCT-2002 00:03:39
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-OCT-2002 00:03:39
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-OCT-2002 00:03:39

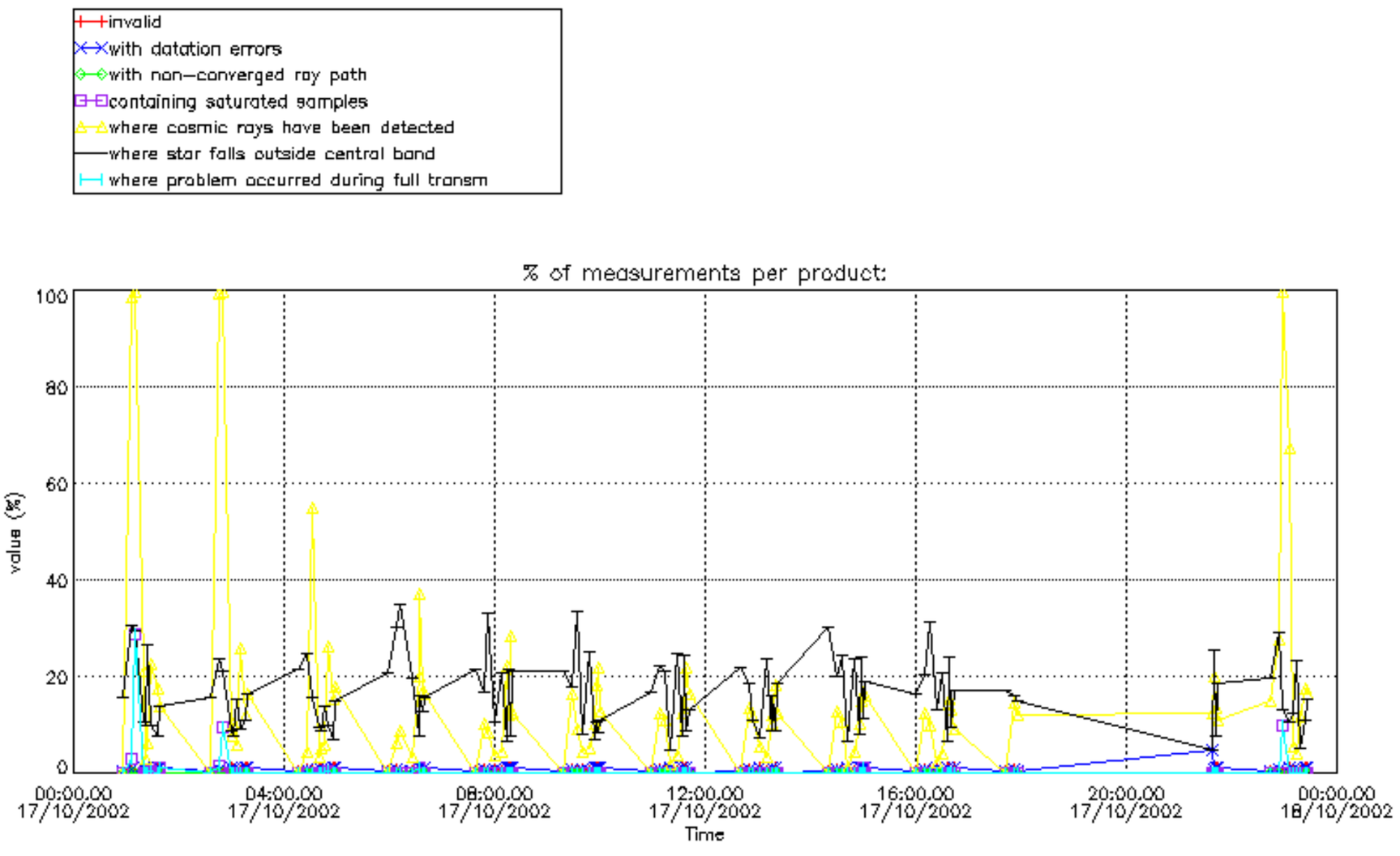

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
17/10/2002
04:00.00
17/10/2002
08:00.00
17/10/2002
12:00.00
17/10/2002
16:00.00
17/10/2002
20:00.00
17/10/2002
00:00.00
18/10/2002
Time

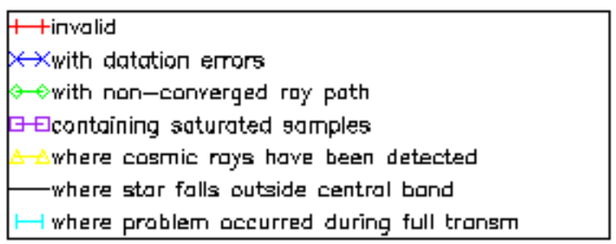

Percentage of flagged data per O3 profile
60.00
50.00
40.00
30.00
20.00
10.00
0.000
60
-135
-90
-45
90
135
180
-30
-60
-90

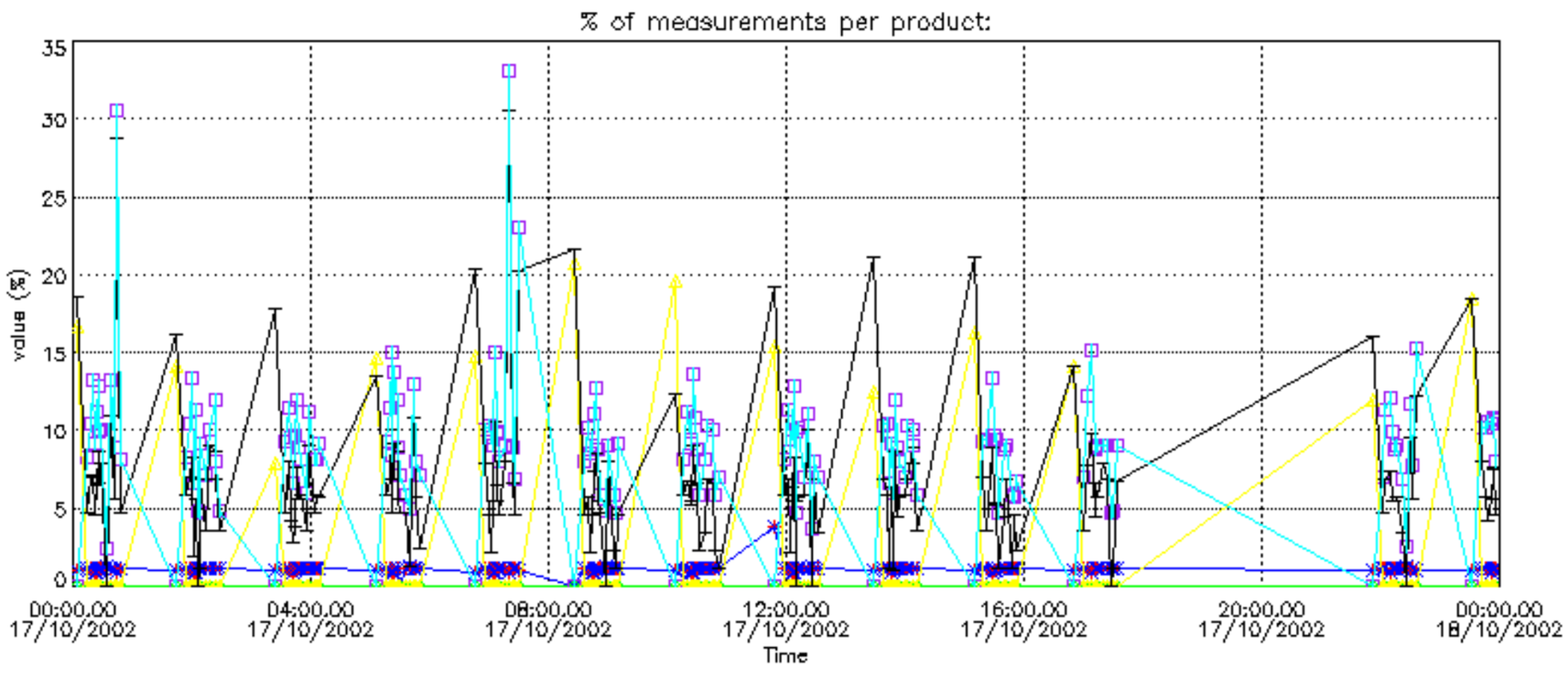

Percentage of flagged data per H2O profile
100.0
90.00
80.00
70.00
60.00
50.00
60
-135
-90
-45
90
135
180
-30
-60
-90

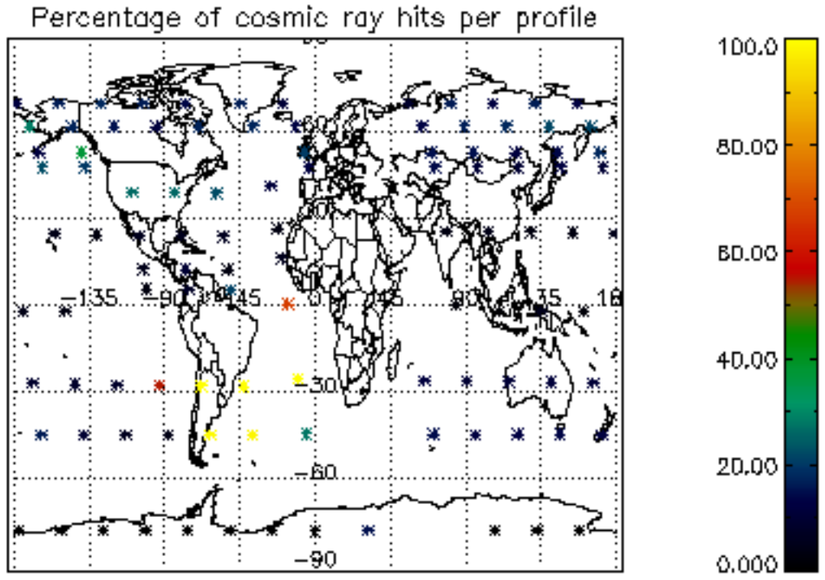

Percentage of flagged data per NO2 profile
60.00
50.00
40.00
30.00
20.00
10.00
0.000
60
-135
-90
-45
90
135
180
-30
-60
-90

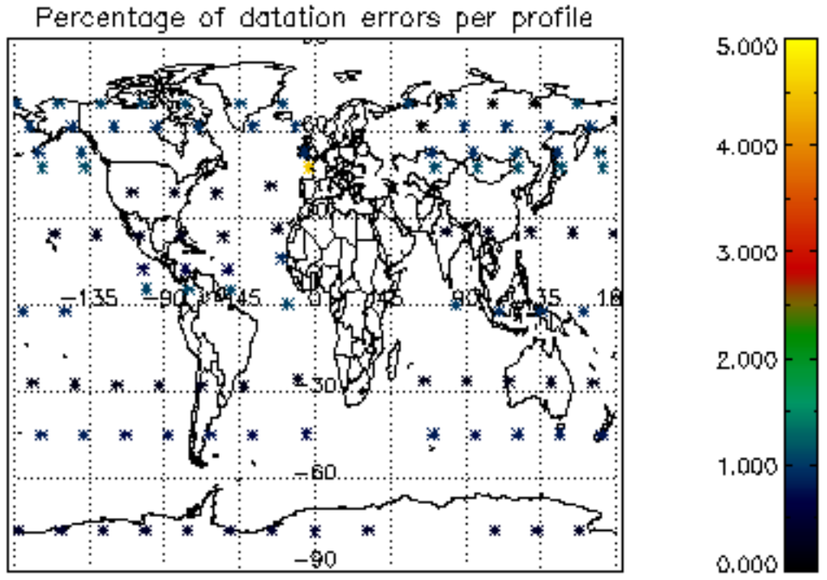

Percentage of flagged data per NO3 profile
60.00
50.00
40.00
30.00
20.00
10.00
0.000
60
-135
-90
-45
90
135
180
-30
-60
-90

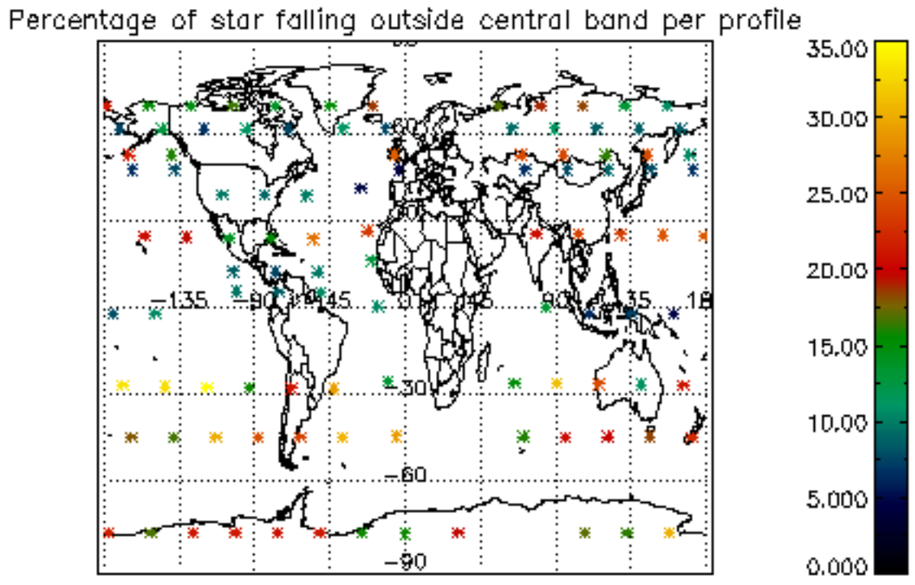

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
17/10/2002
04:00.00
17/10/2002
08:00.00
17/10/2002
12:00.00
17/10/2002
16:00.00
17/10/2002
20:00.00
17/10/2002
00:00.00
18/10/2002
Time

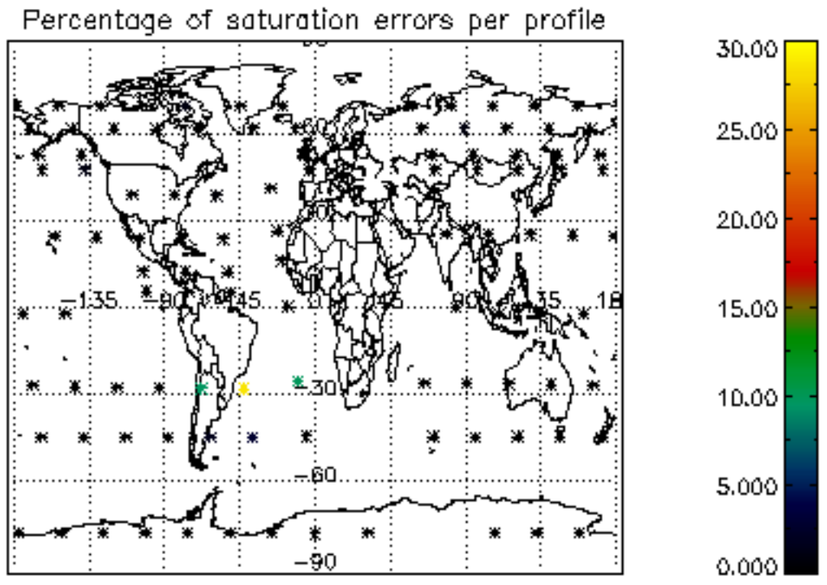

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm


% of measurements per product:
value (%)
35
30
25
20
15
10
5
0
00:00.00
17/10/2002
04:00.00
17/10/2002
08:00.00
17/10/2002
12:00.00
17/10/2002
16:00.00
17/10/2002
20:00.00
17/10/2002
00:00.00
18/10/2002
Time

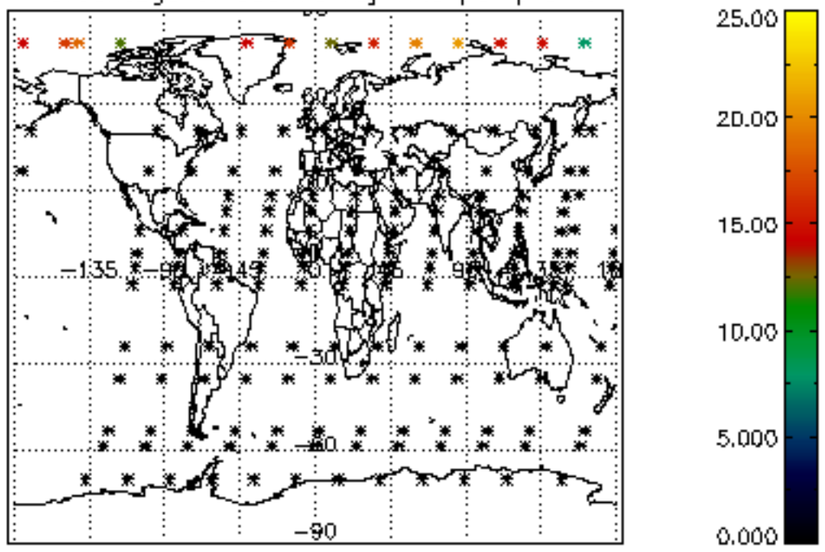

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−30
−60
−90


Percentage of datation errors per profile
5.000
4.000
3.000
2.000
1.000
0.000
−135
−90
−30
−60
−90

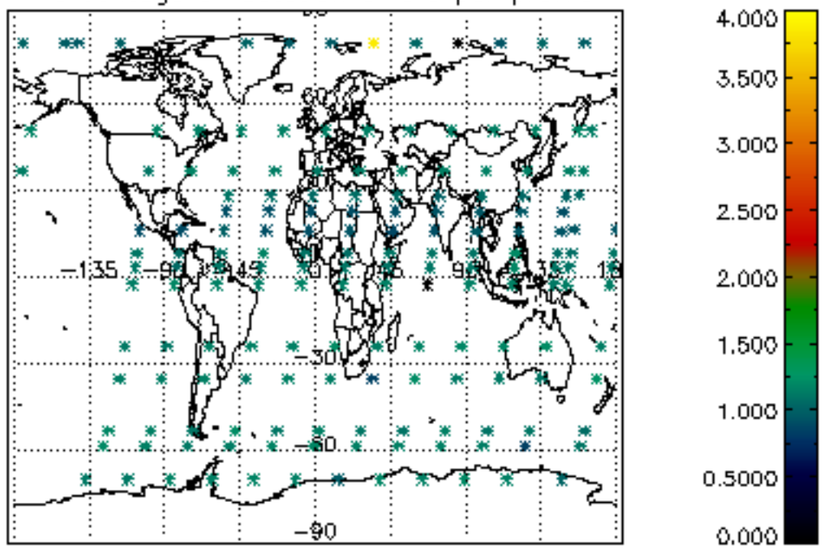

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90


Percentage of saturation errors per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

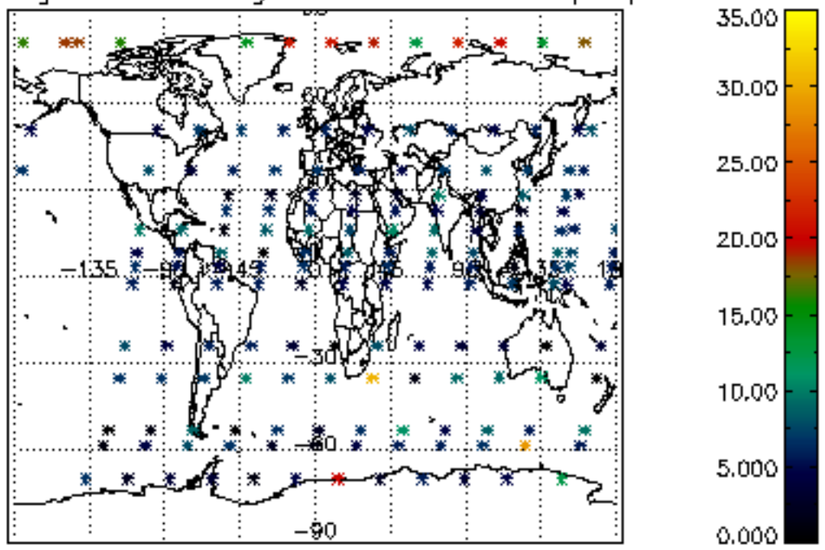
Percentage of cosmic ray hits per profile



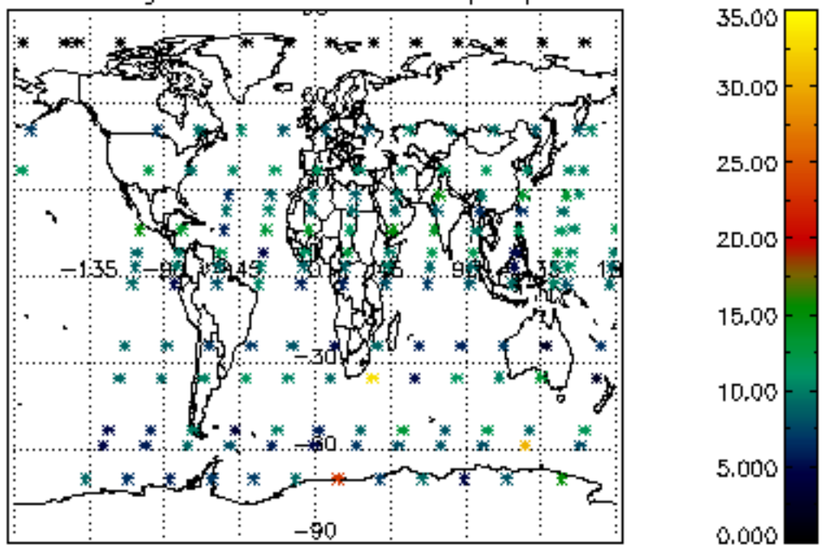
Percentage of datation errors per profile

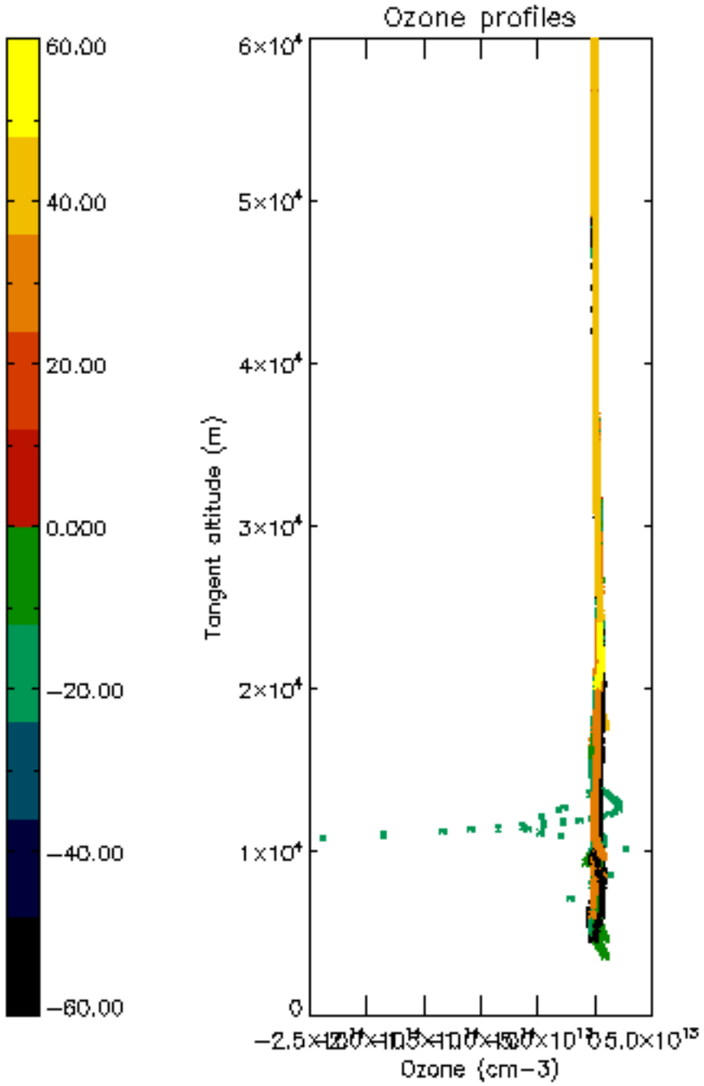


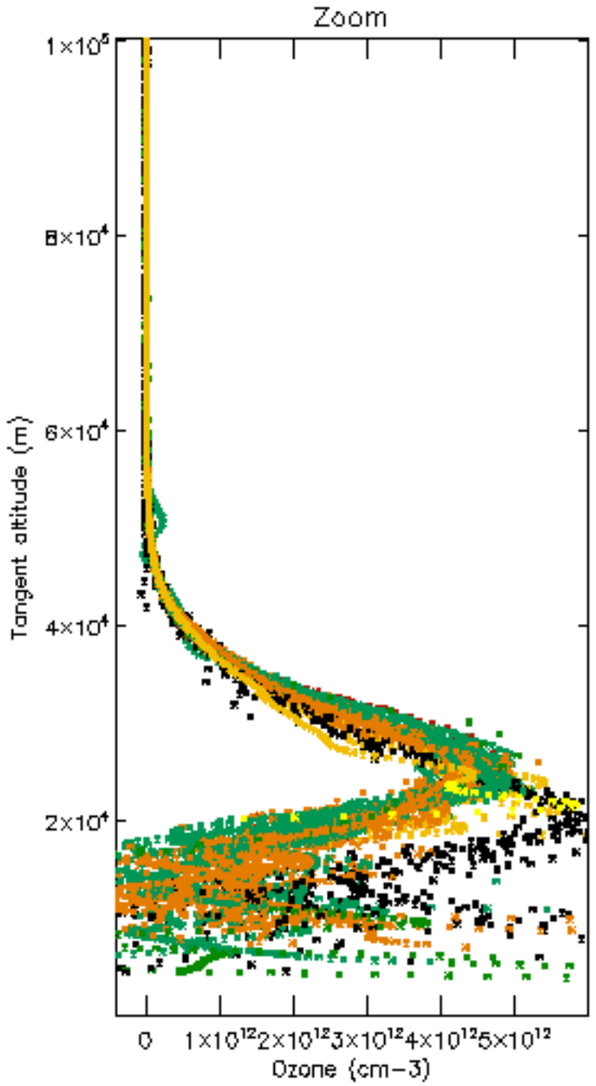
Percentage of star falling outside central band per profile

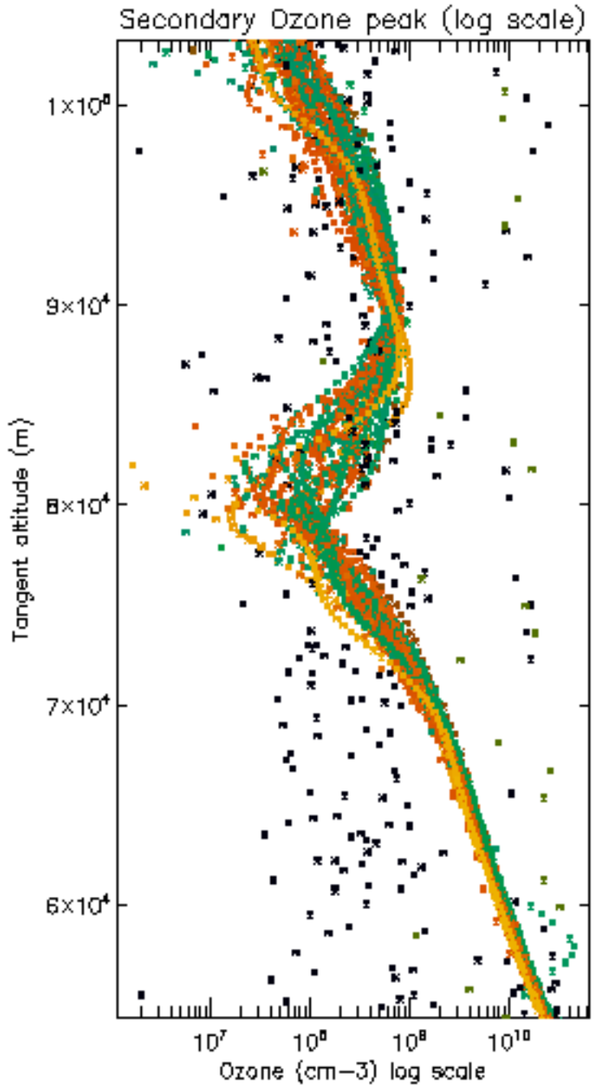


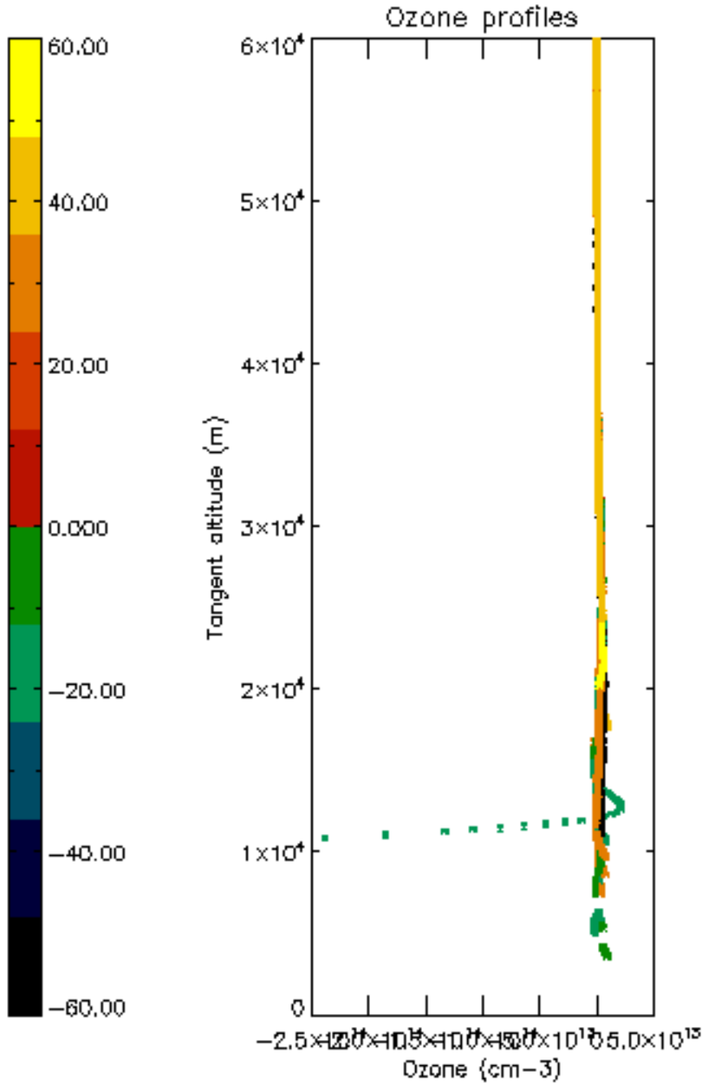
Percentage of saturation errors per profile

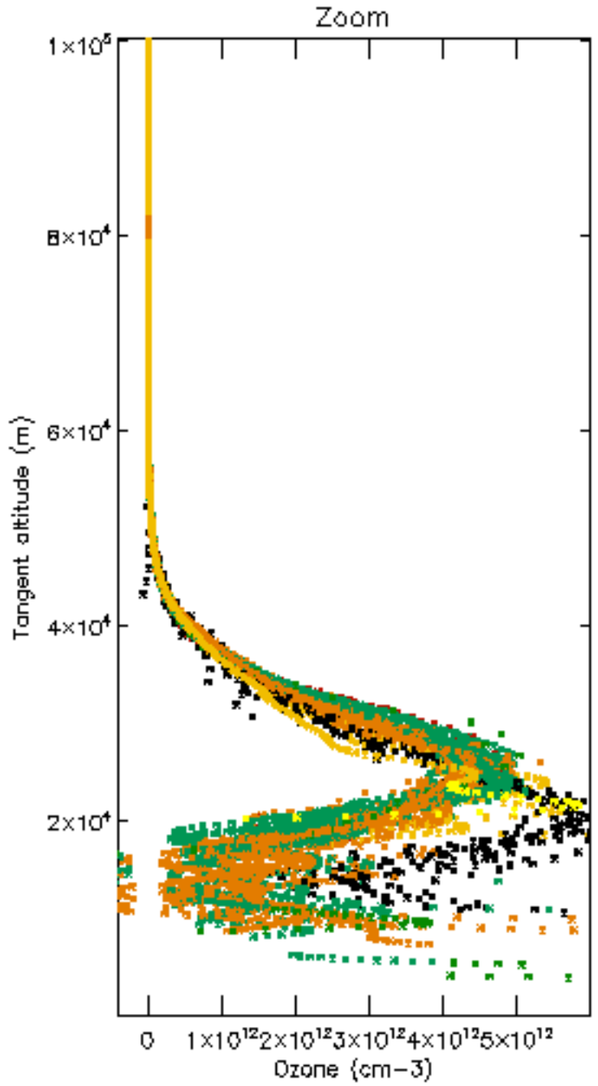


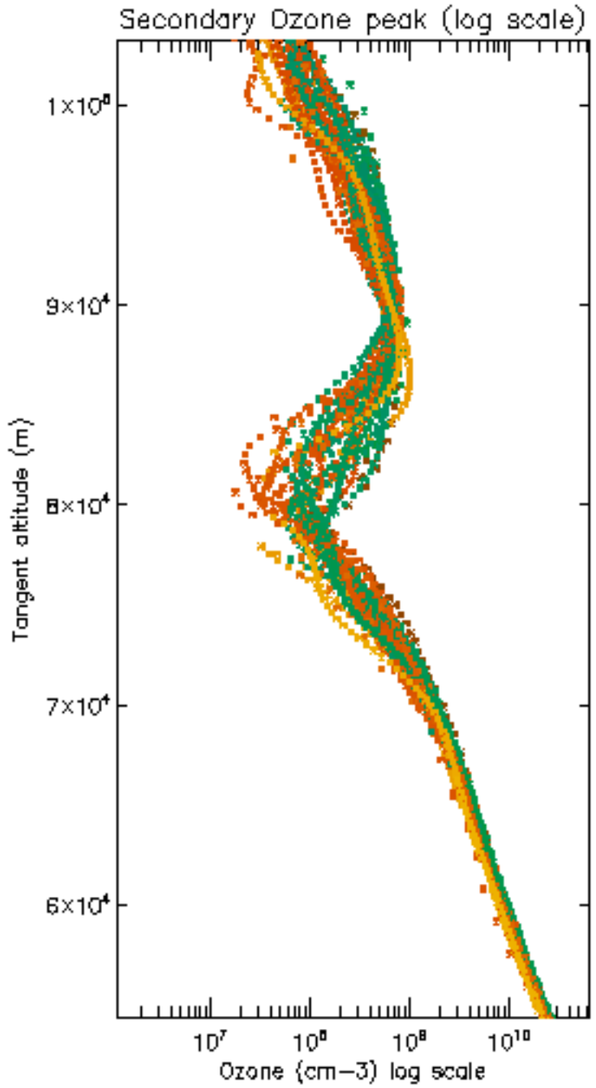

Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

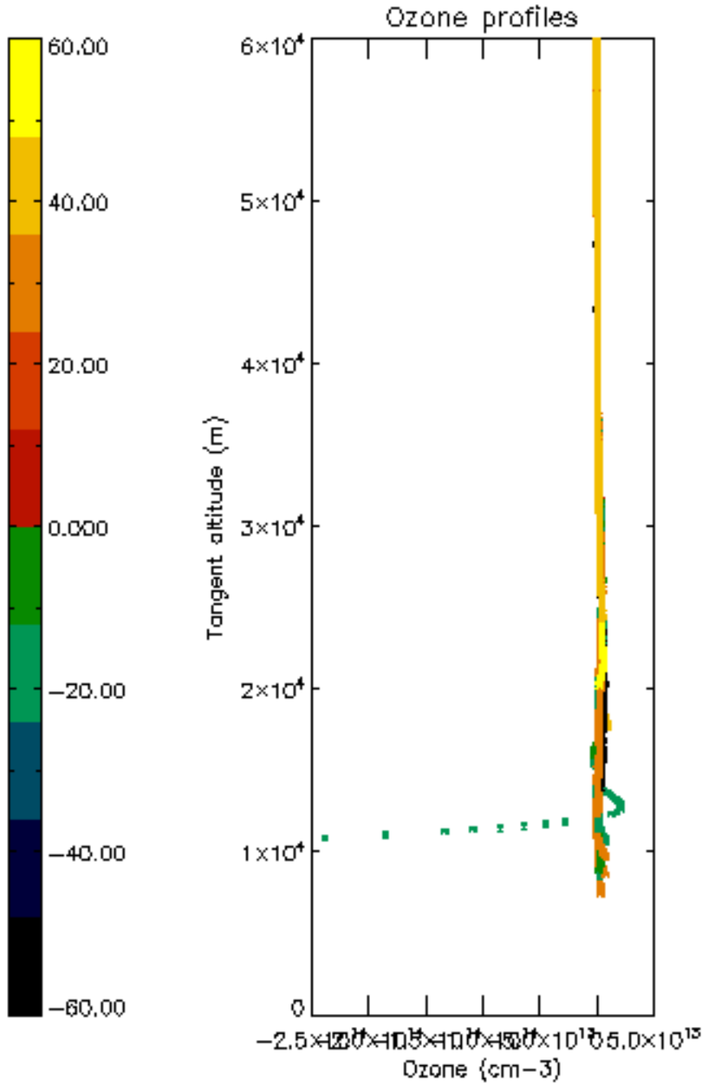

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
1×10¹²2×10¹²3×10¹²4×10¹²5×10¹²
Tangent altitude (m)
Ozone (cm−3)

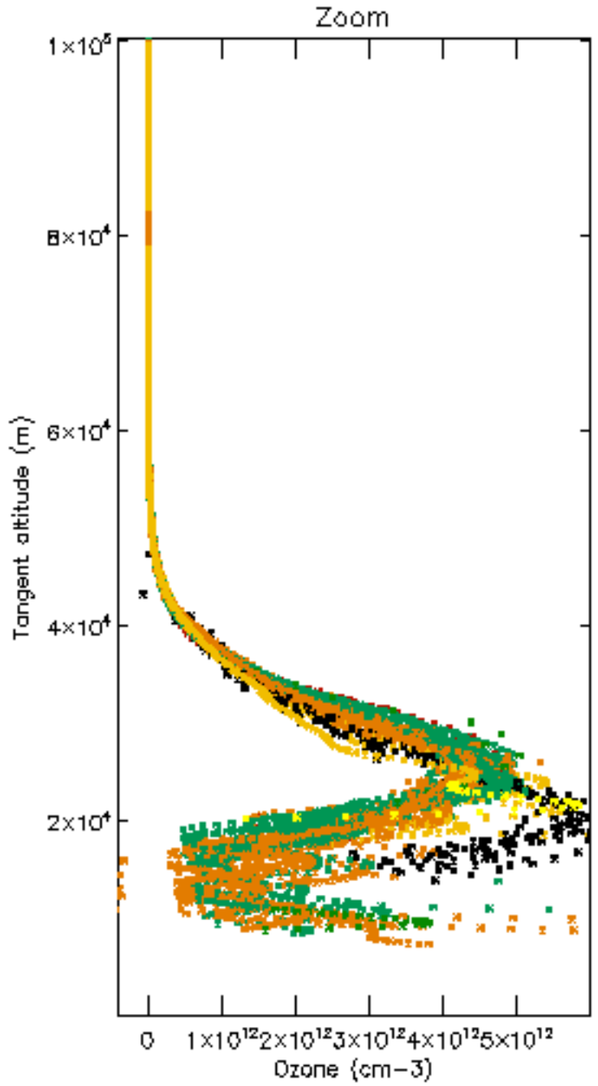

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
10⁷
10⁸
10⁹
10¹⁰
Tangent altitude (m)
Ozone (cm−3) log scale

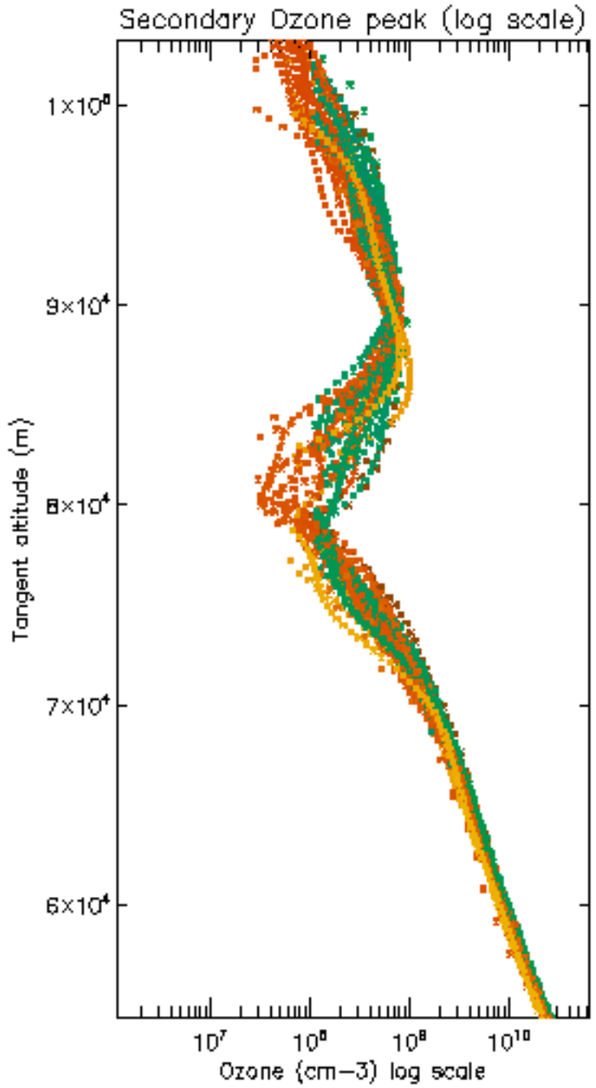

Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

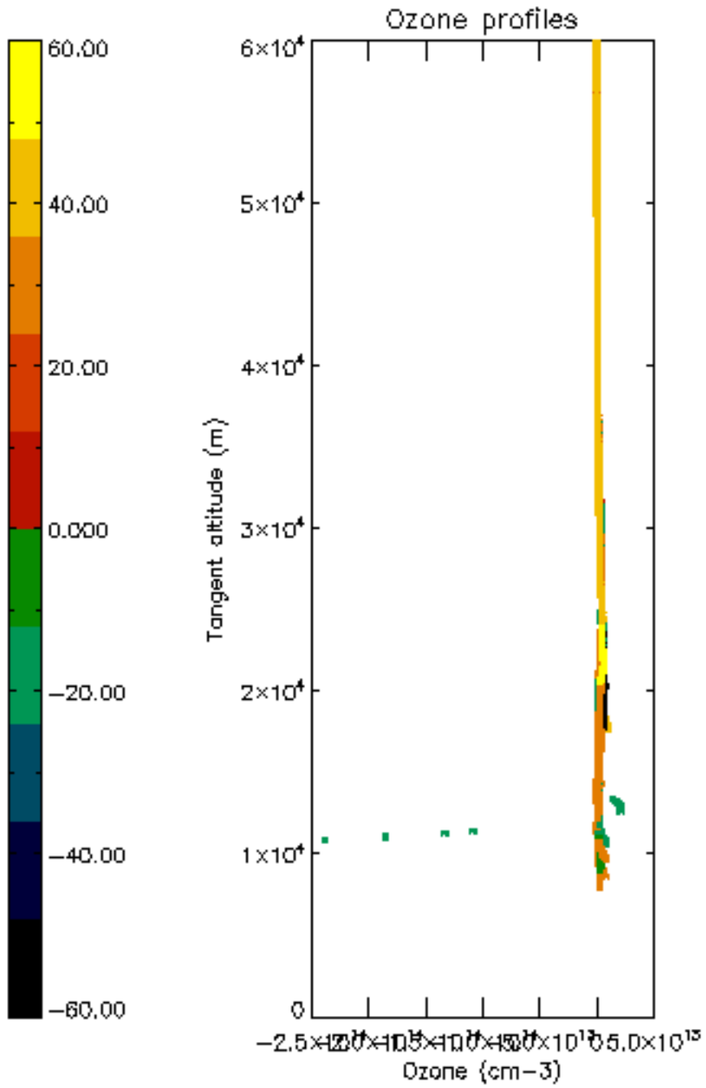

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale


Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

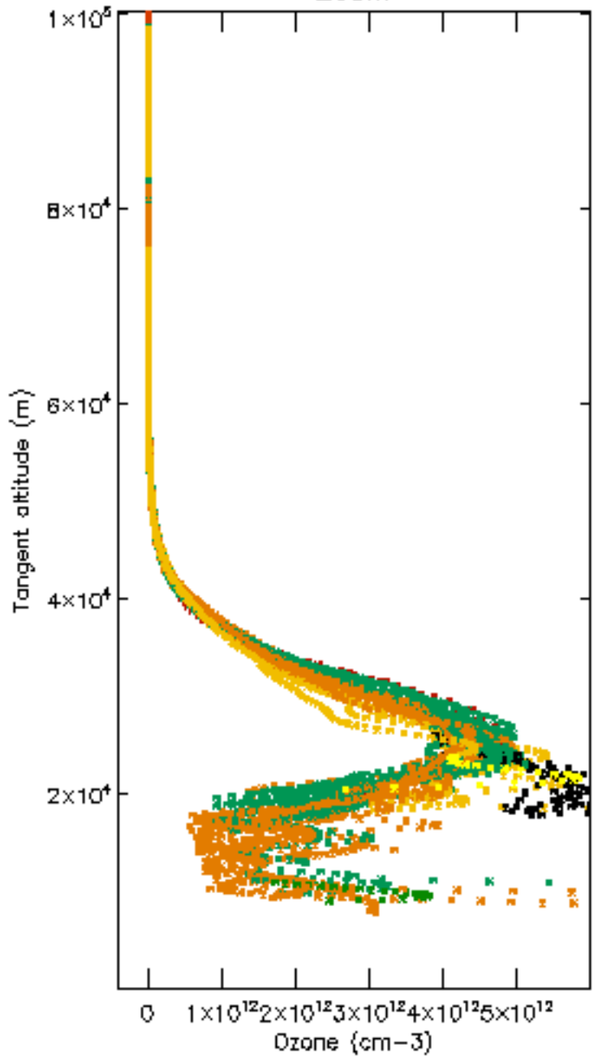

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

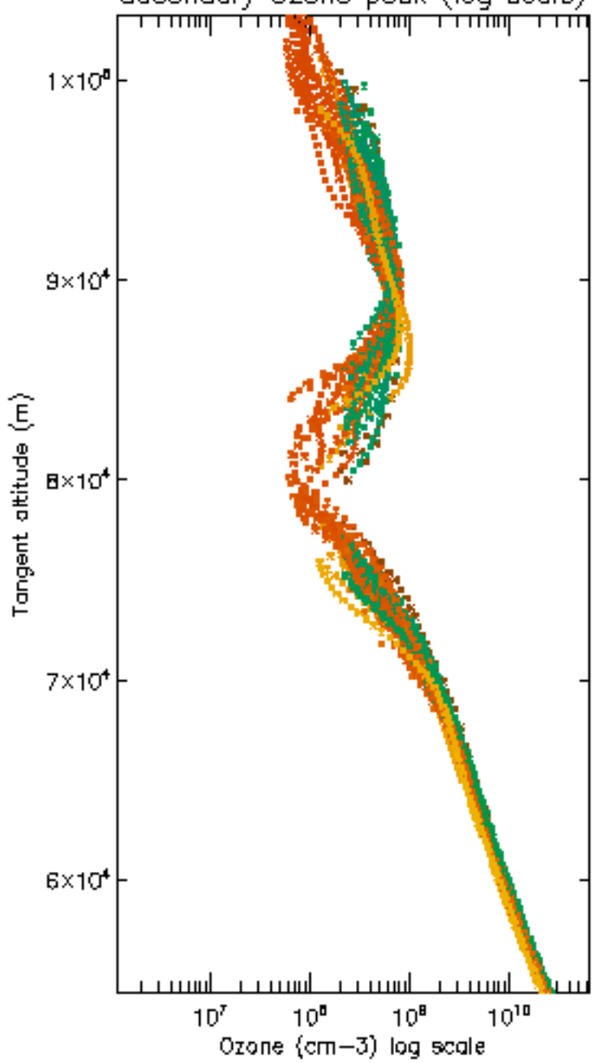


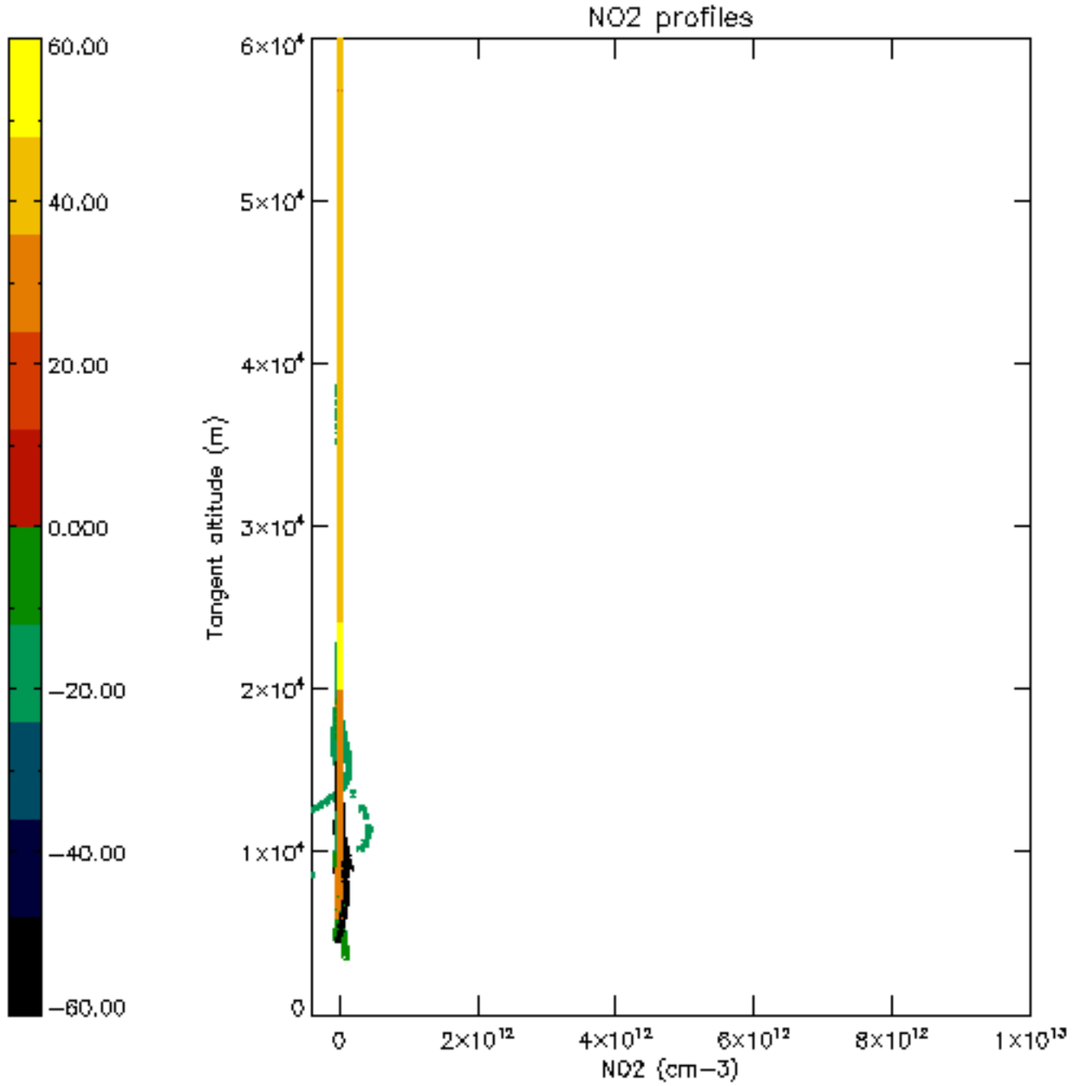
Ozone profiles

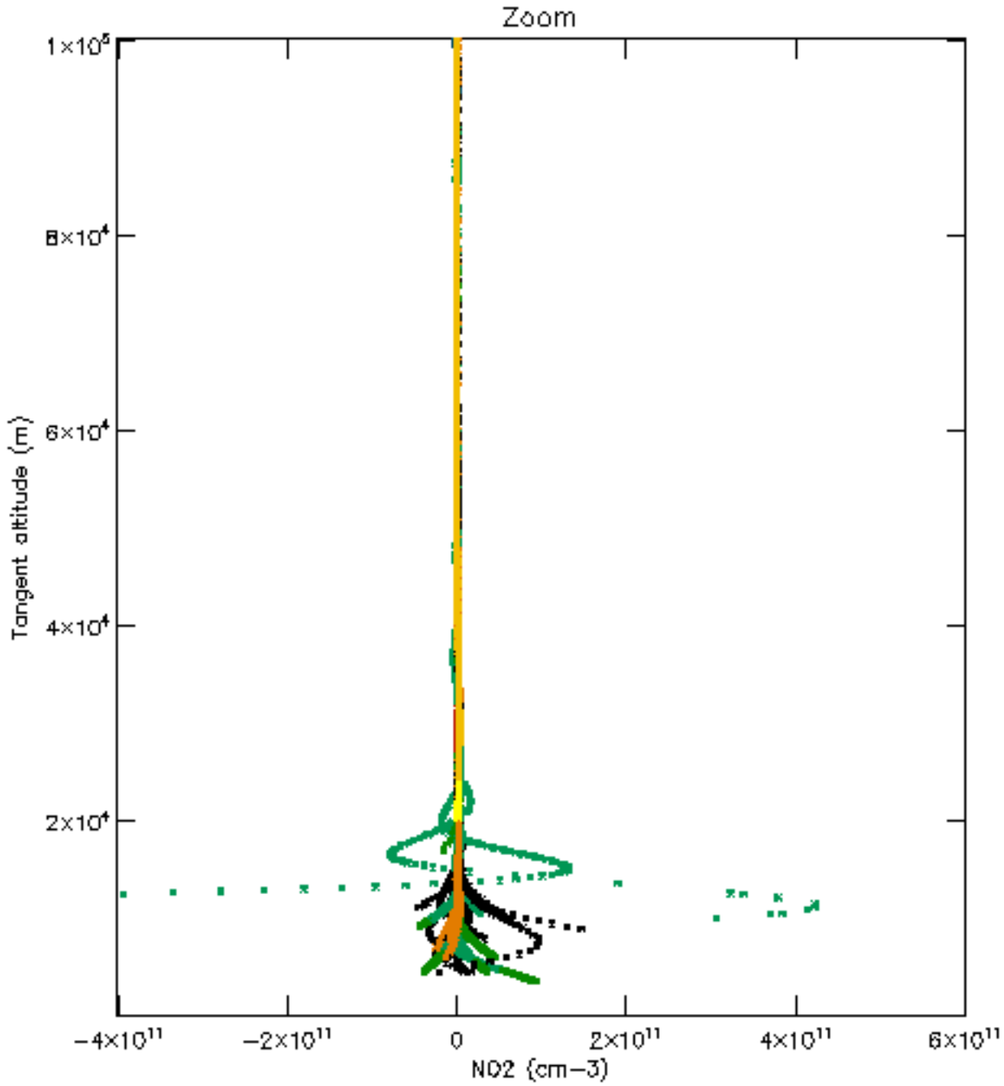
Zoom

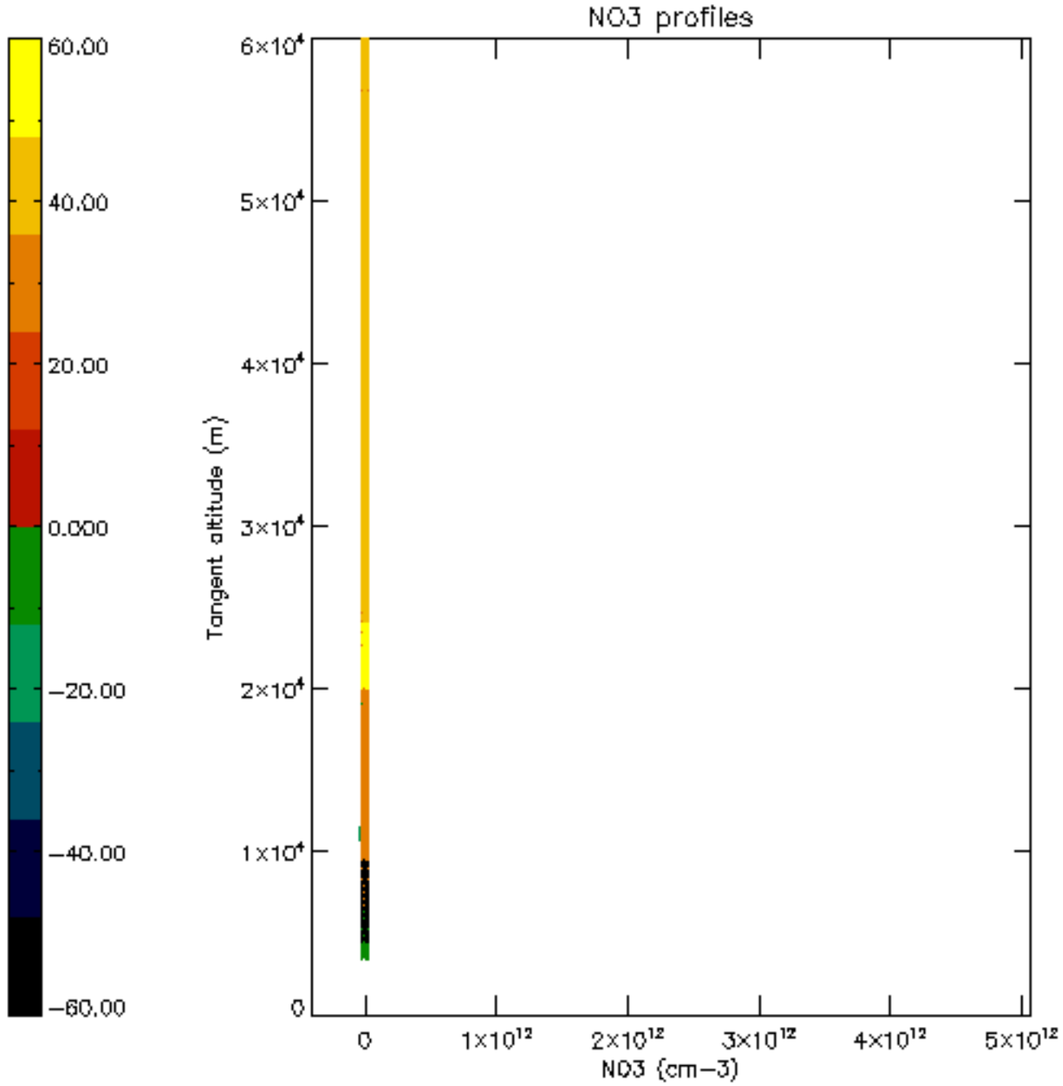


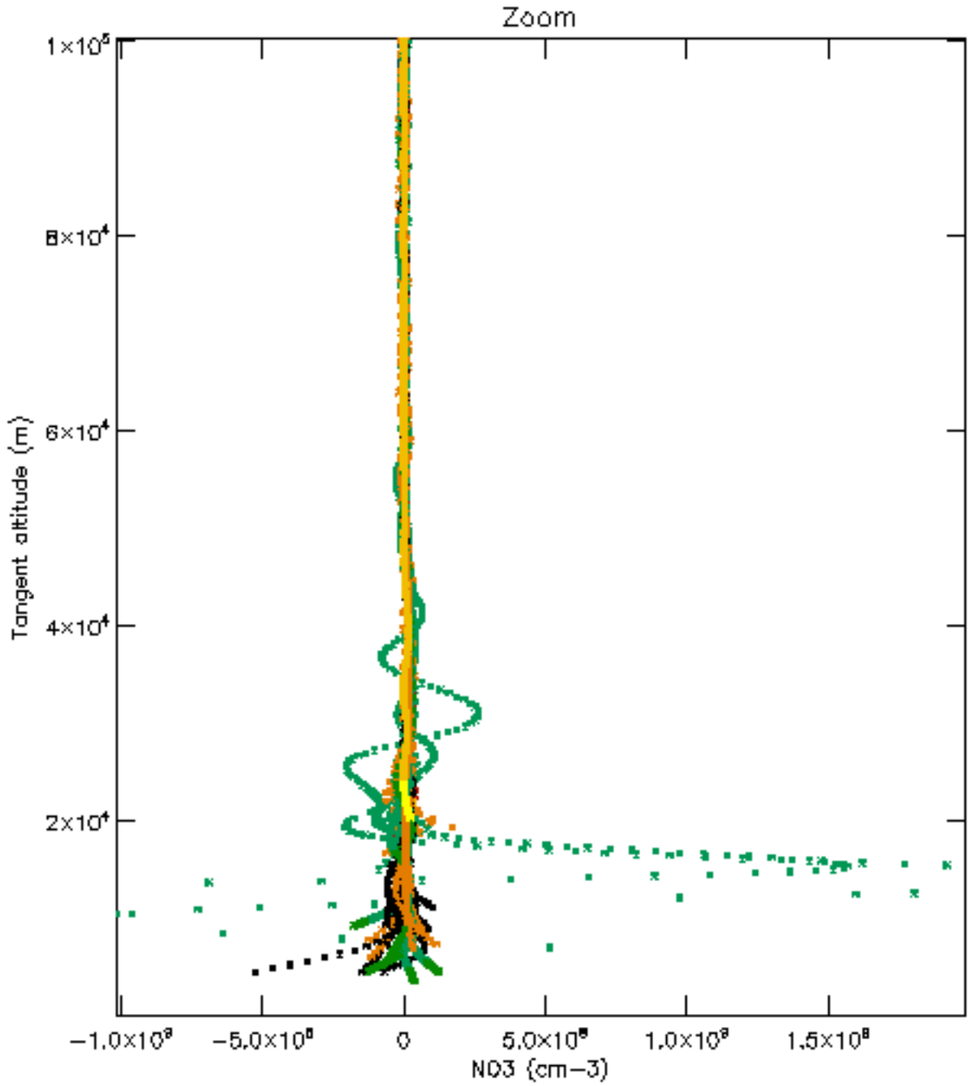
Secondary Ozone peak (log scale)

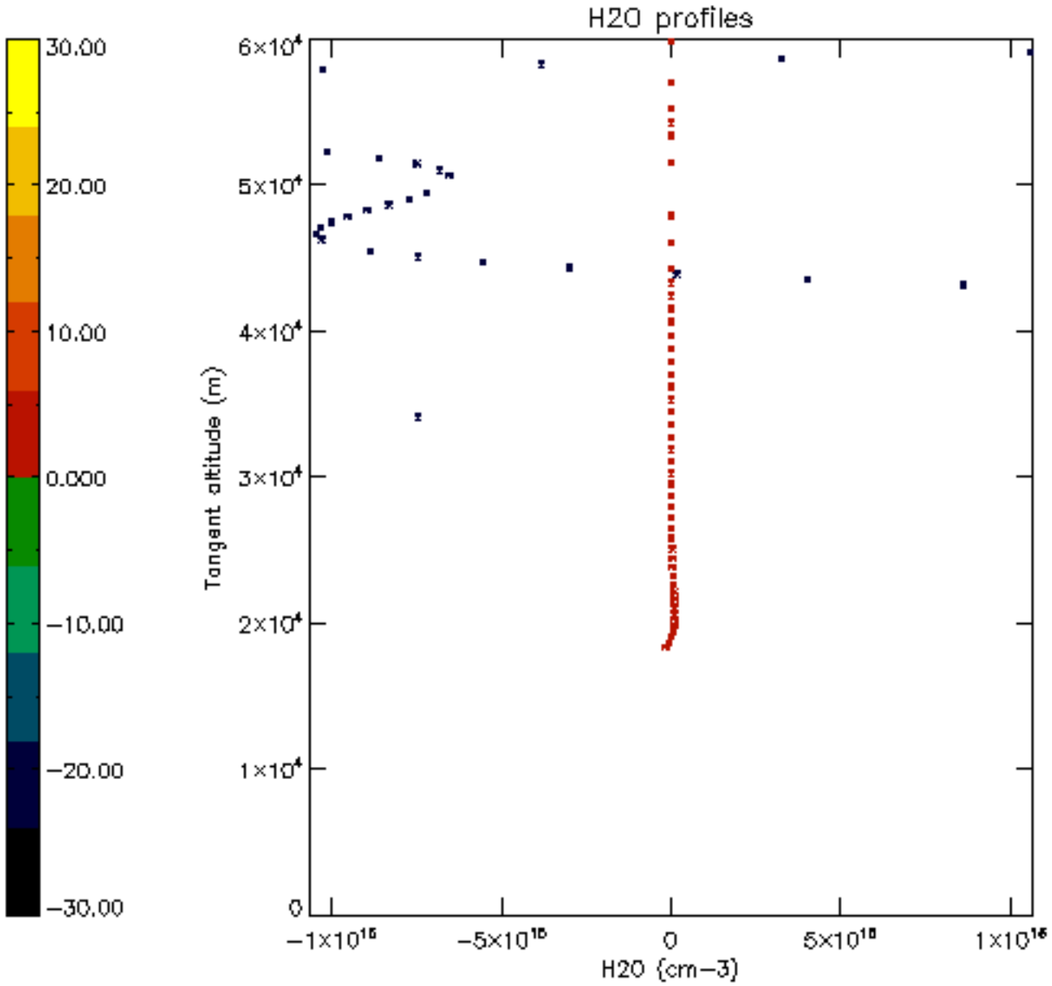


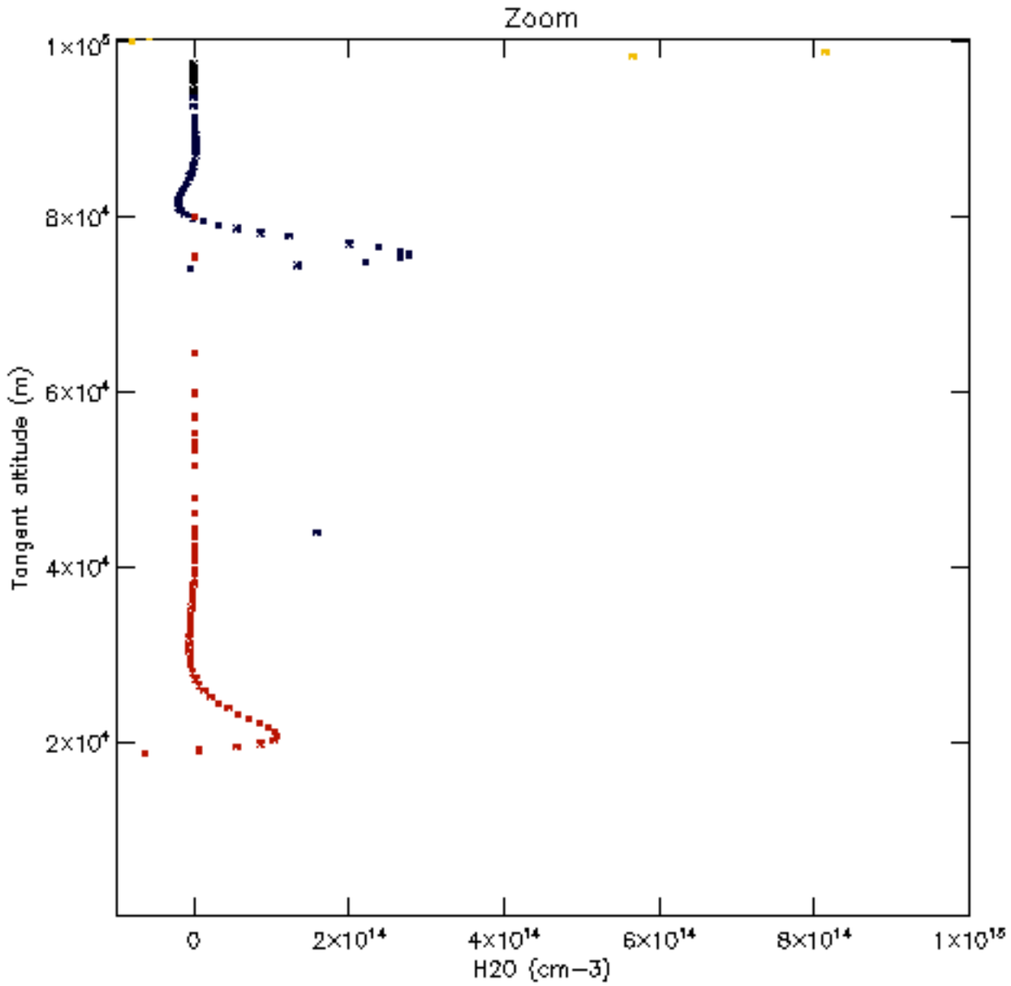

NO2 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

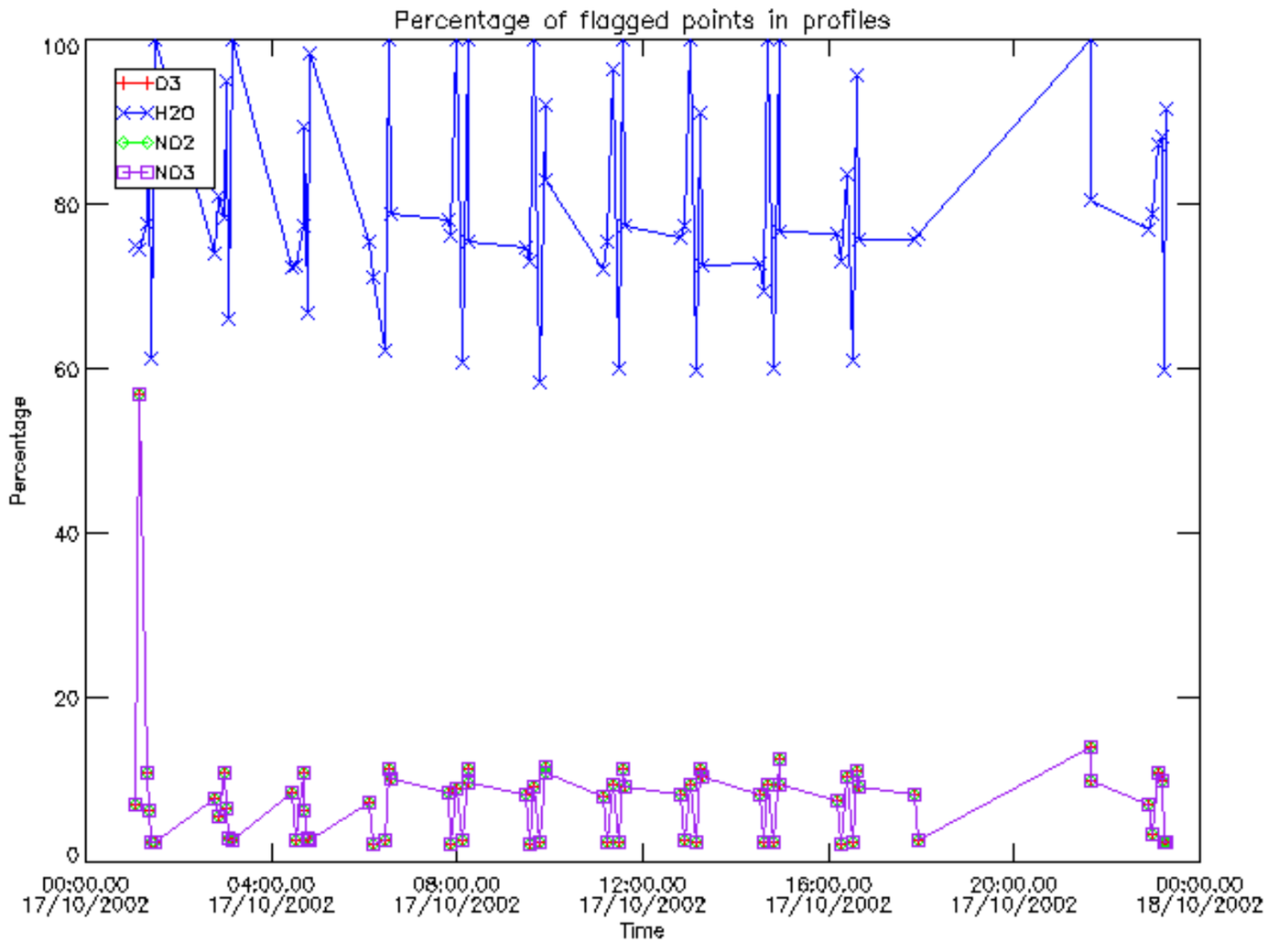

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)

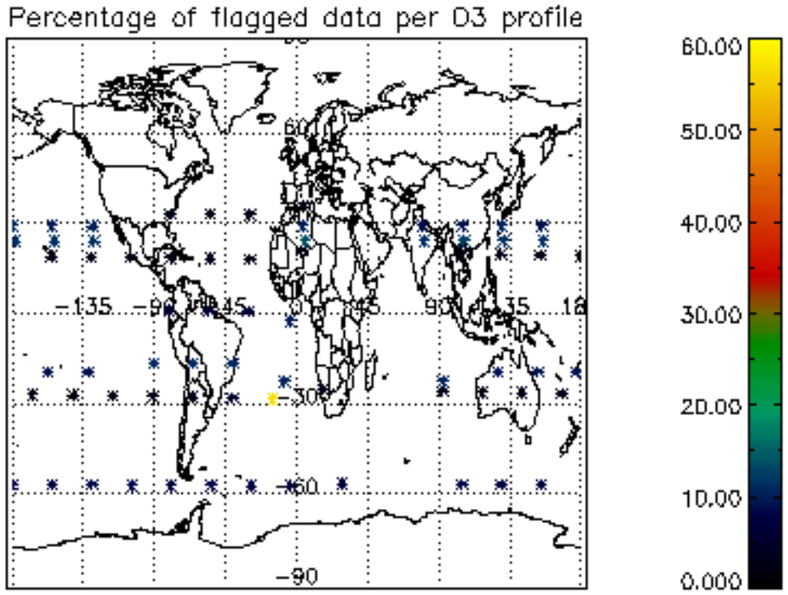

NO3 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)

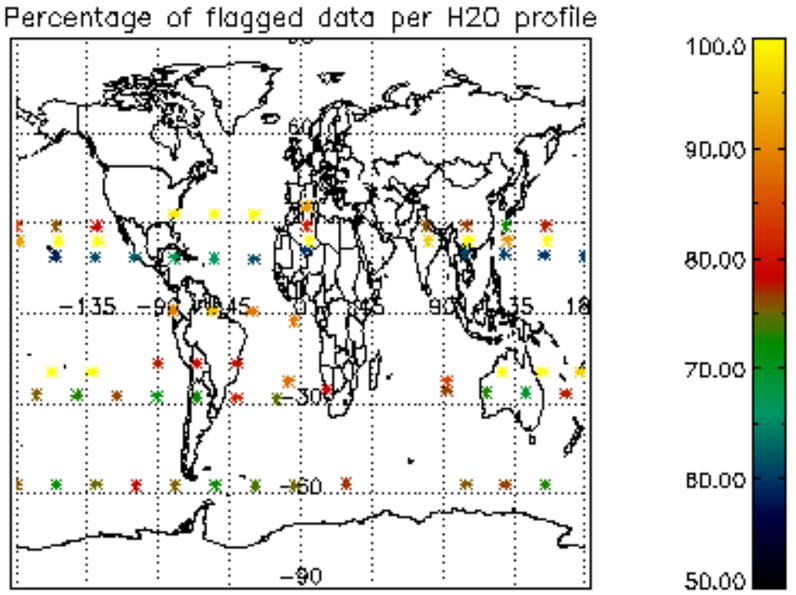

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)

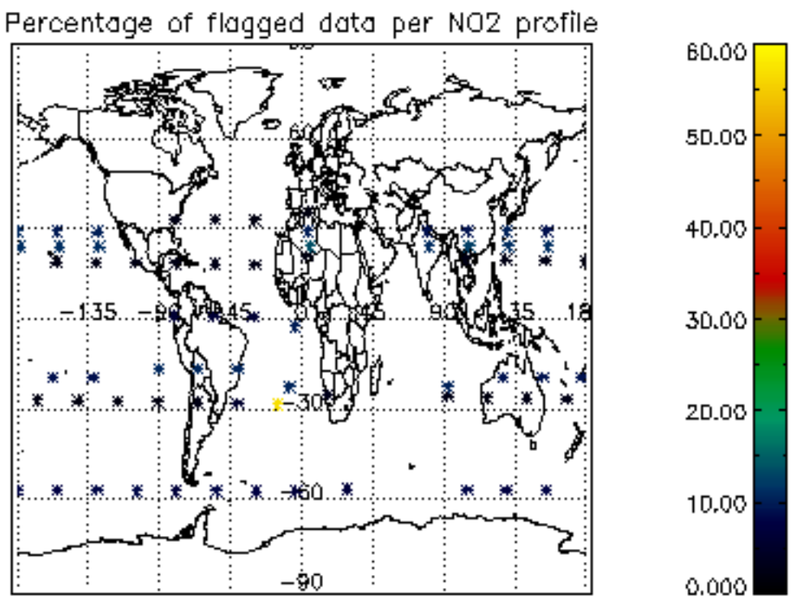

H2O profiles
30.00
20.00
10.00
0.000
−10.00
−20.00
−30.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁵
−5×10¹⁴
0
5×10¹⁴
1×10¹⁵
H2O (cm−3)

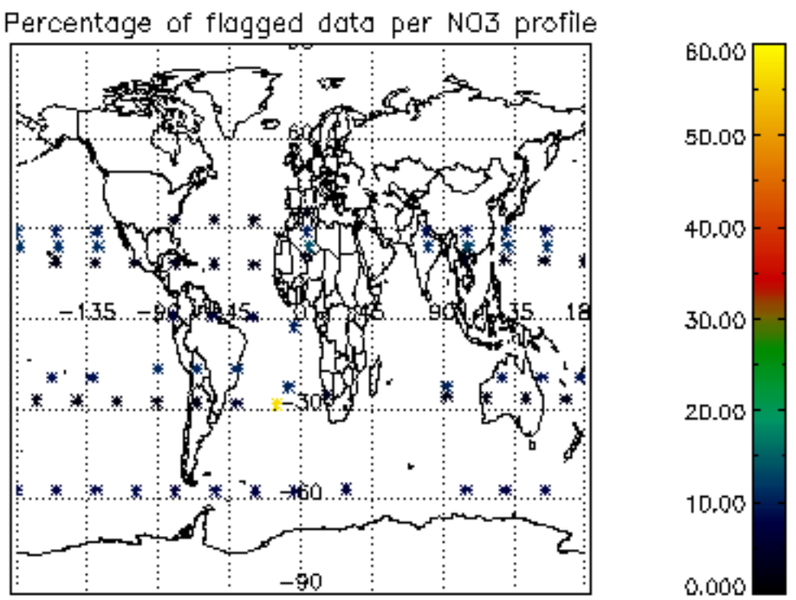

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)

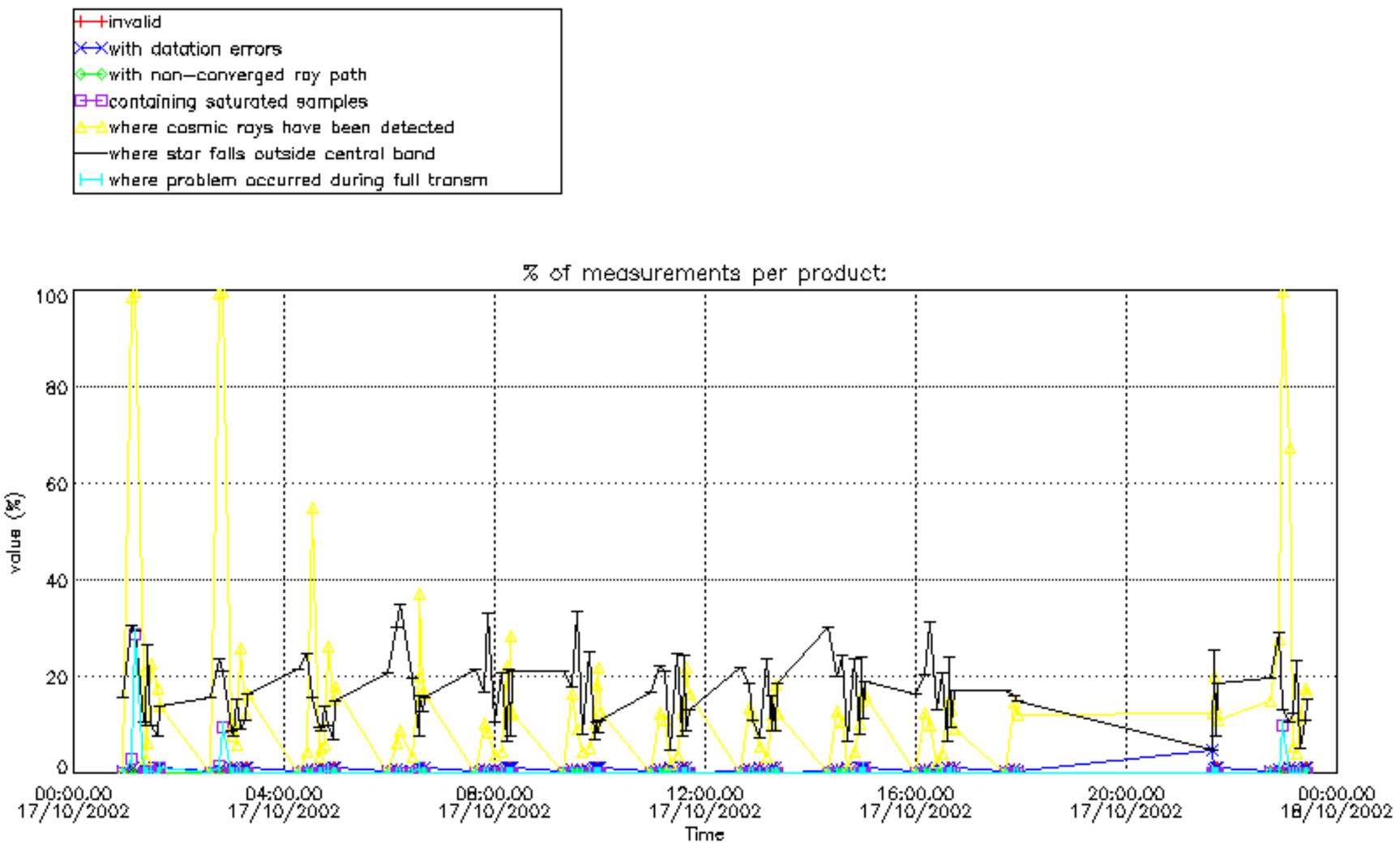

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
17/10/2002
04:00.00
17/10/2002
08:00.00
17/10/2002
12:00.00
17/10/2002
16:00.00
17/10/2002
20:00.00
17/10/2002
00:00.00
18/10/2002
Time

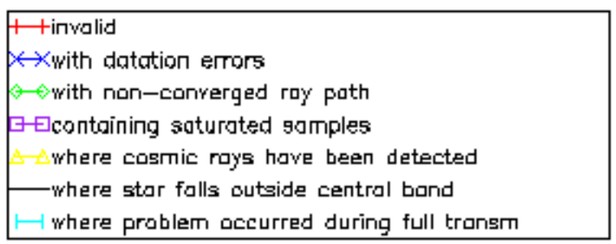

Percentage of flagged data per O3 profile
60.00
50.00
40.00
30.00
20.00
10.00
0.000
60
-135
-90
-45
90
135
180
-30
-60
-90

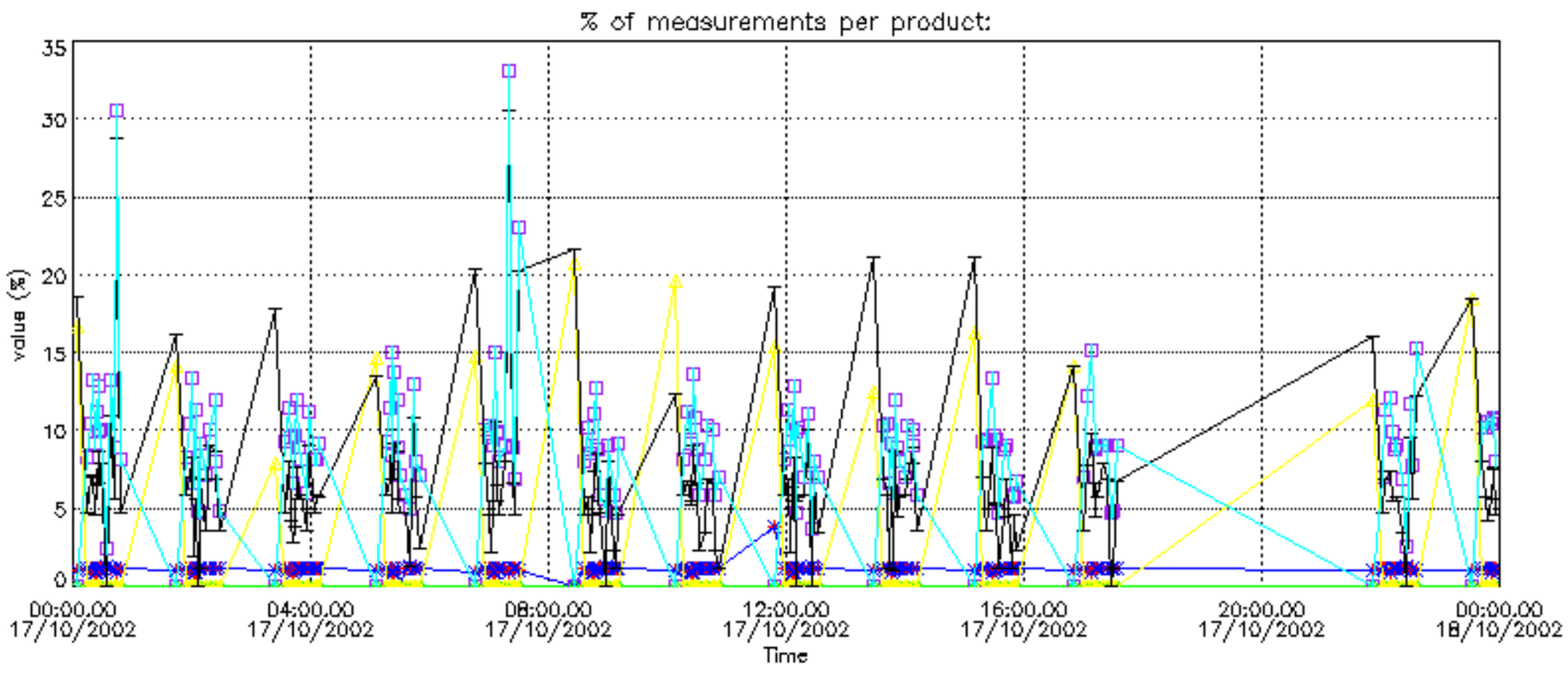

Percentage of flagged data per H2O profile
100.0
90.00
80.00
70.00
60.00
50.00
60
-135
-90
-45
90
135
180
-30
-60
-90

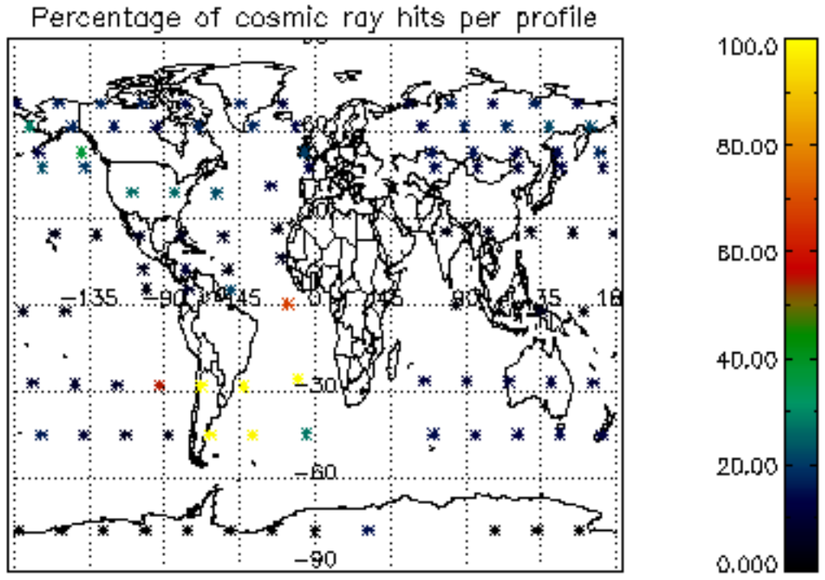

Percentage of flagged data per NO2 profile
60.00
50.00
40.00
30.00
20.00
10.00
0.000
60
-135
-90
-45
90
135
180
-30
-60
-90

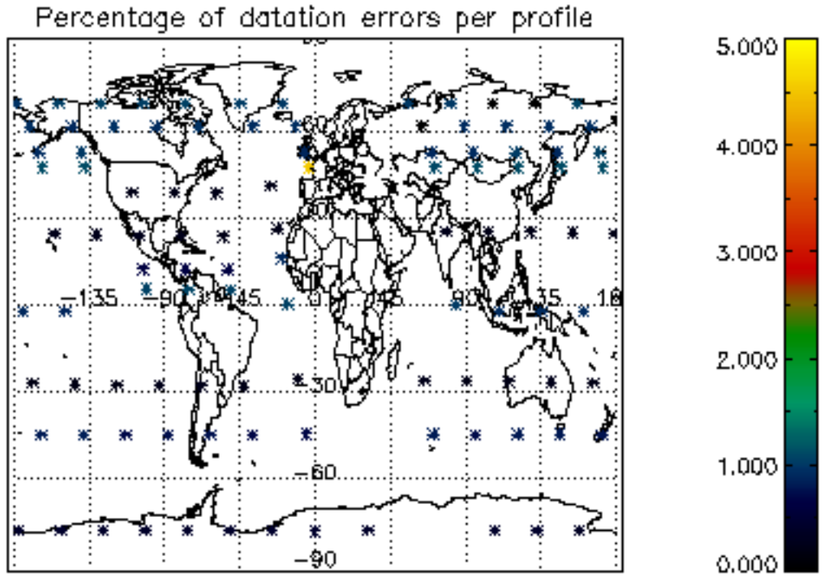

Percentage of flagged data per NO3 profile
60.00
50.00
40.00
30.00
20.00
10.00
0.000
60
-135
-90
-45
90
135
180
-30
-60
-90

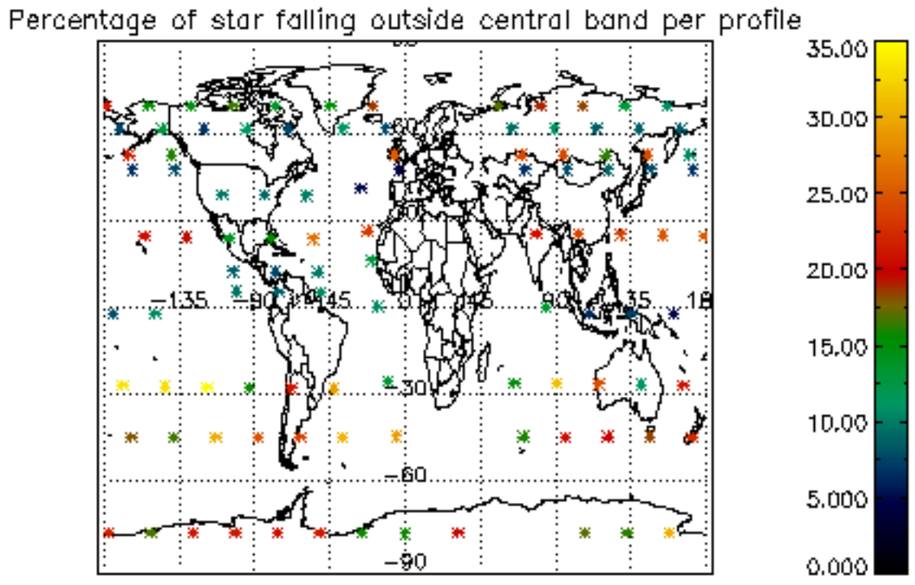

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
17/10/2002
04:00.00
17/10/2002
08:00.00
17/10/2002
12:00.00
17/10/2002
16:00.00
17/10/2002
20:00.00
17/10/2002
00:00.00
18/10/2002
Time

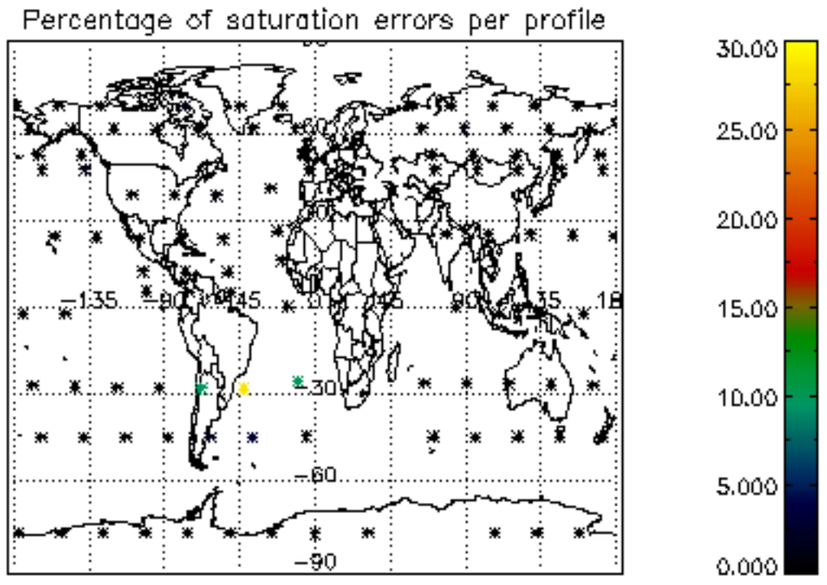

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm


% of measurements per product:
value (%)
35
30
25
20
15
10
5
0
00:00.00
17/10/2002
04:00.00
17/10/2002
08:00.00
17/10/2002
12:00.00
17/10/2002
16:00.00
17/10/2002
20:00.00
17/10/2002
00:00.00
18/10/2002
Time

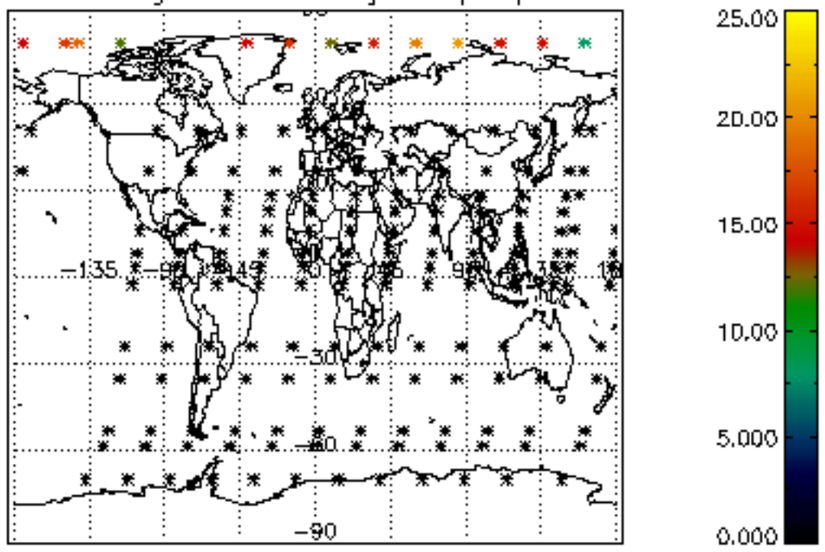

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−30
−60
−90


Percentage of datation errors per profile
5.000
4.000
3.000
2.000
1.000
0.000
−135
−90
−30
−60
−90

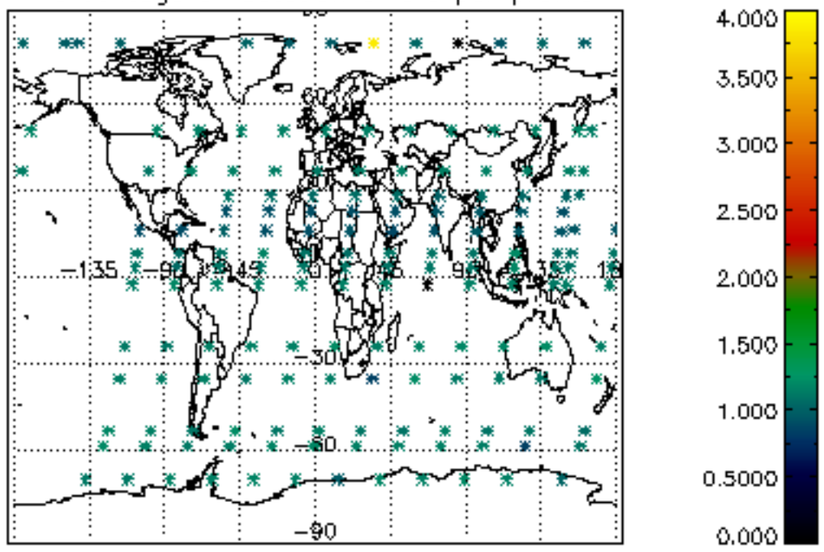

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90


Percentage of saturation errors per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

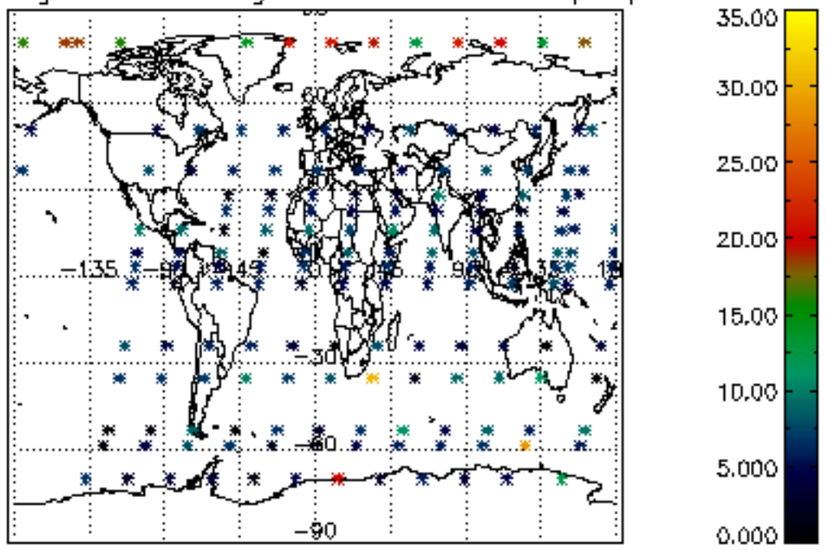
Percentage of cosmic ray hits per profile



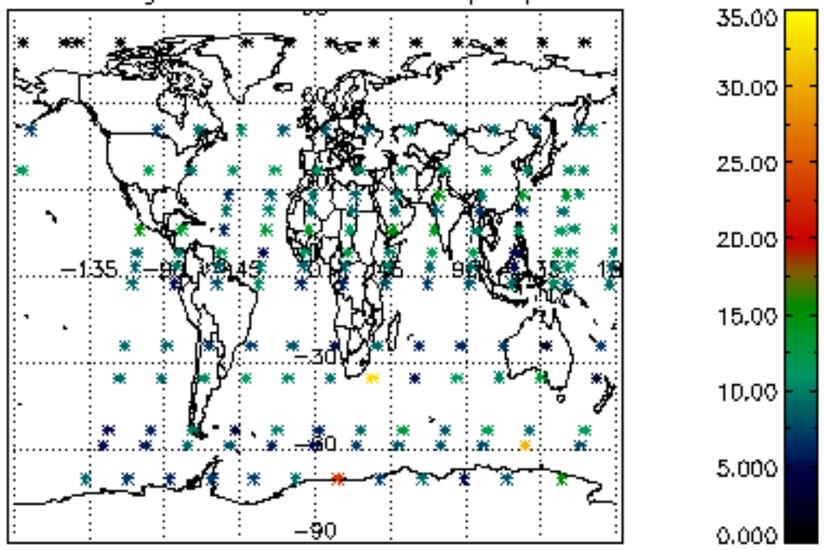
Percentage of datation errors per profile

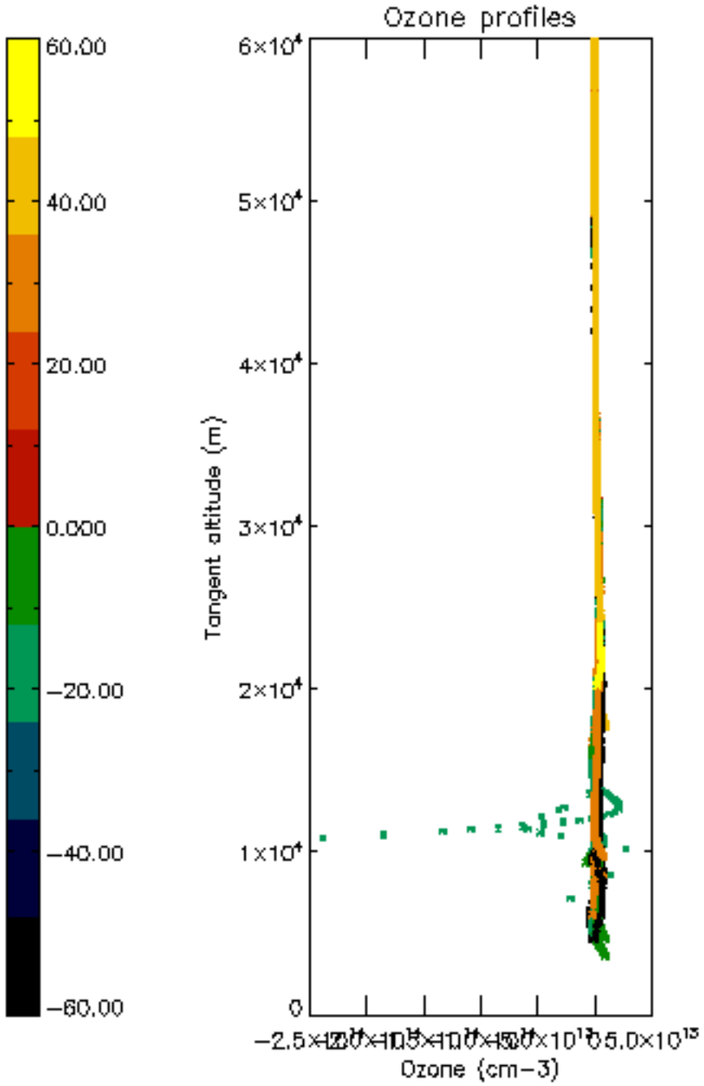


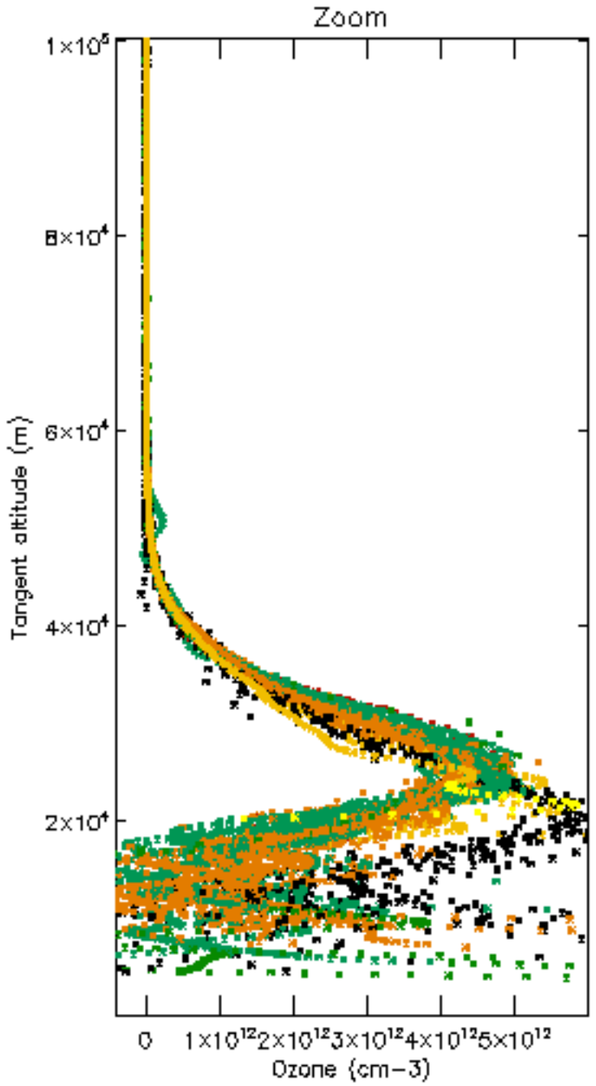
Percentage of star falling outside central band per profile

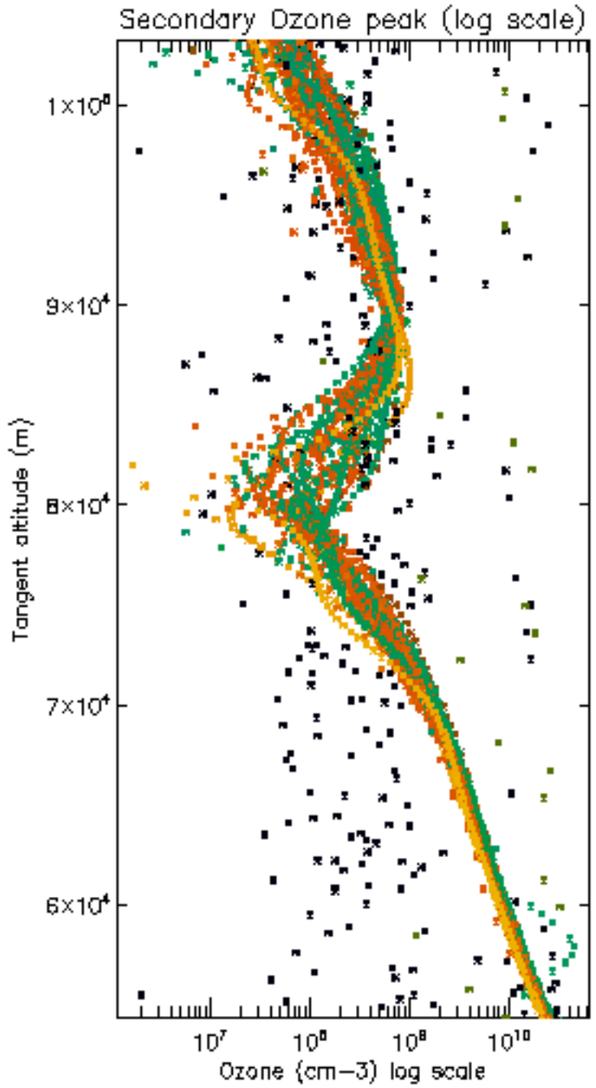


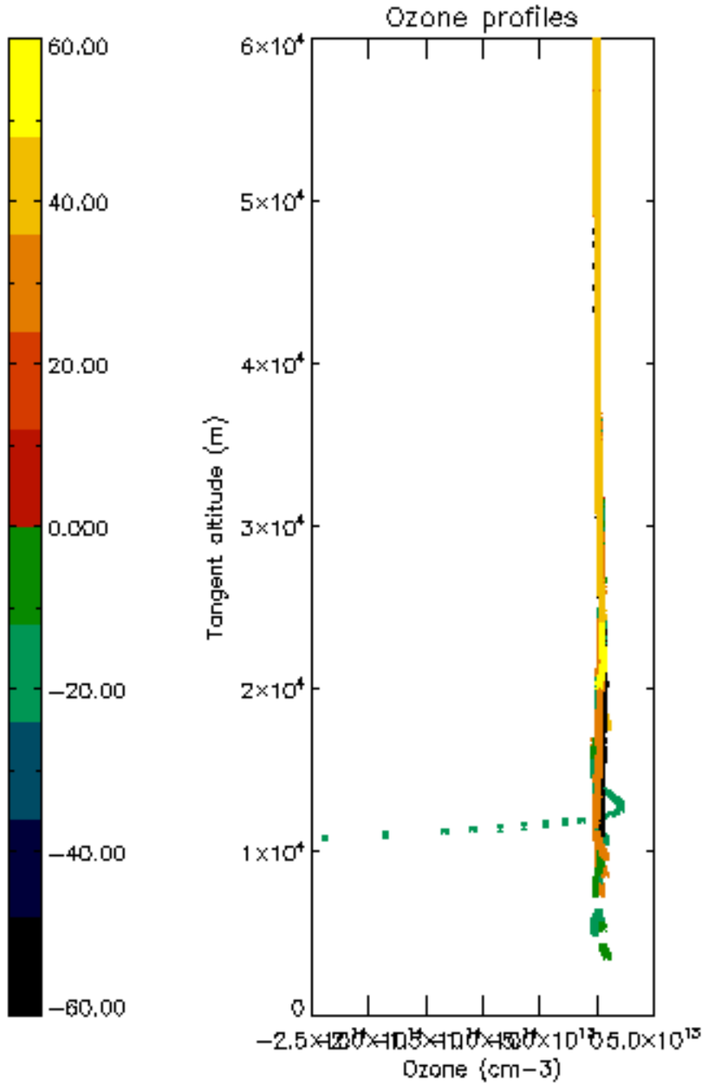
Percentage of saturation errors per profile

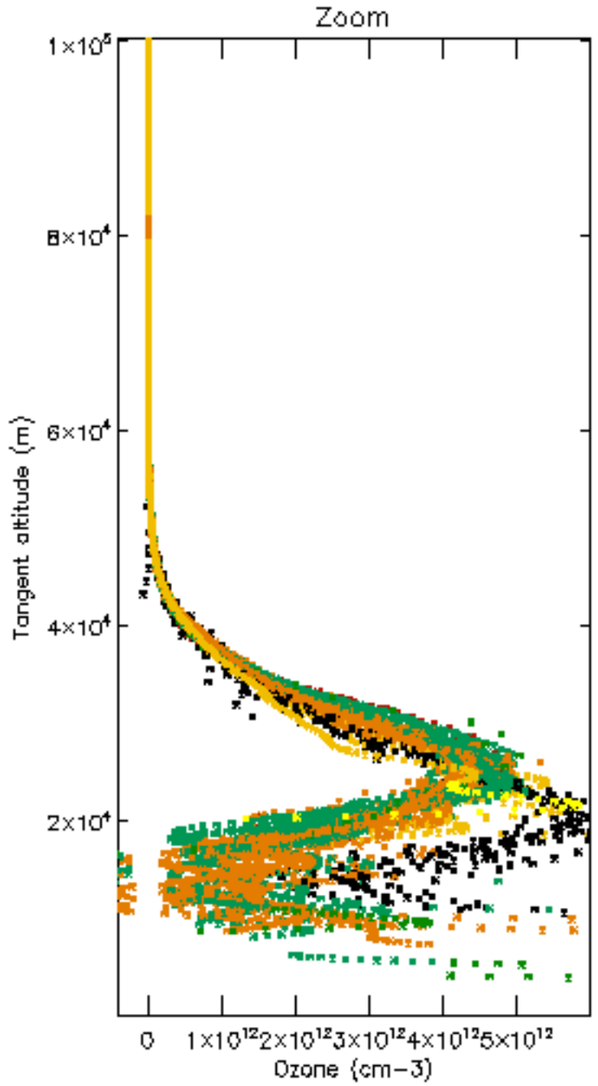


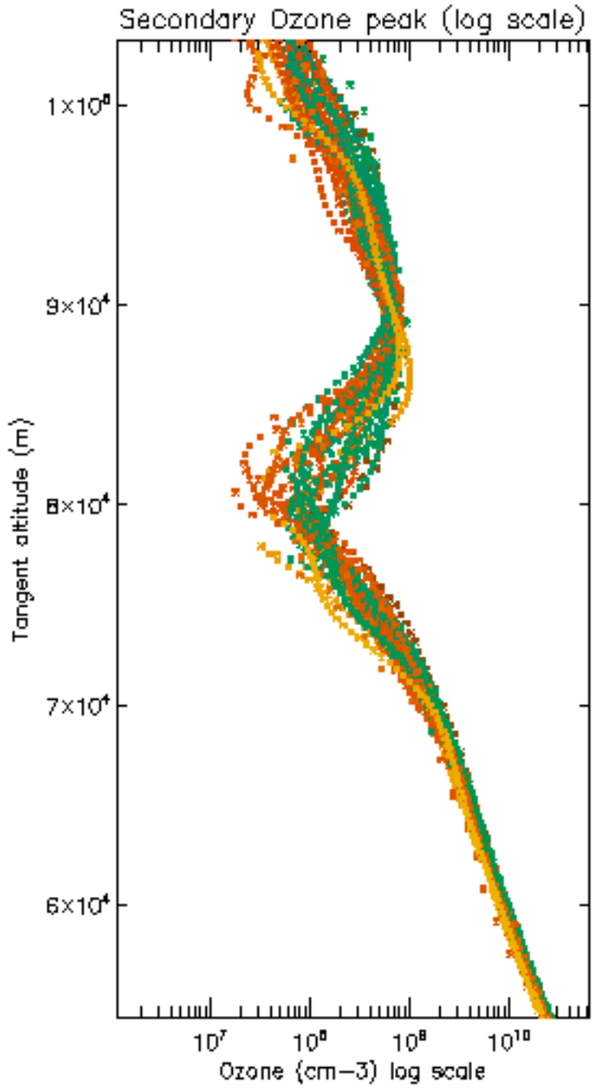

Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

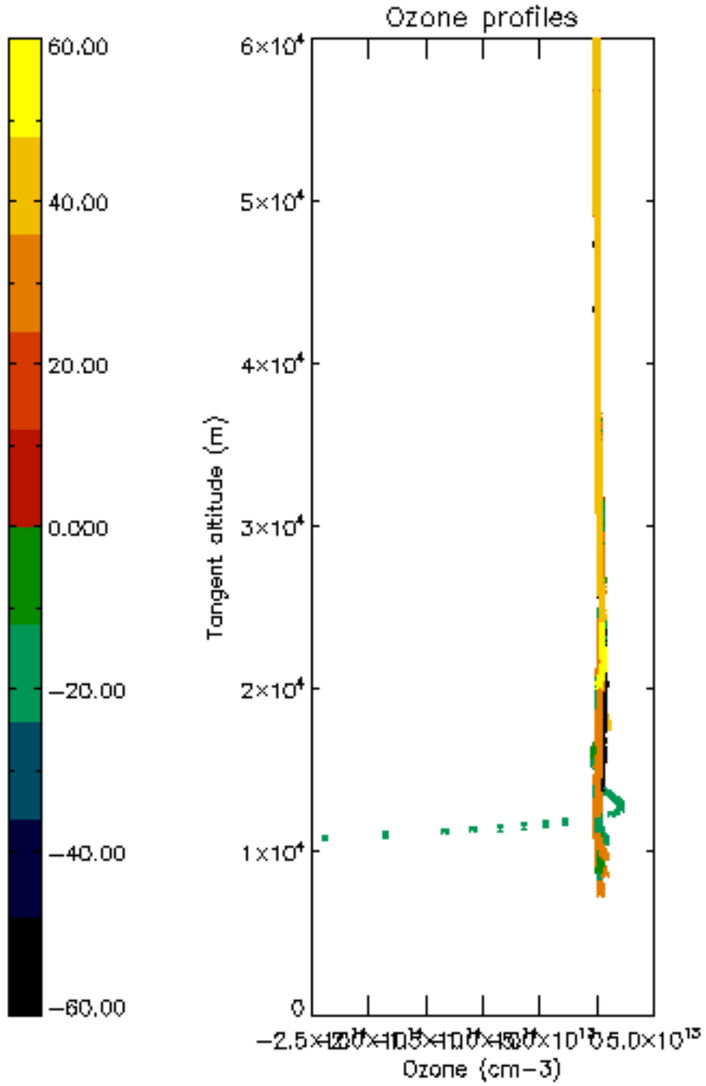

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
1×10¹²2×10¹²3×10¹²4×10¹²5×10¹²
Tangent altitude (m)
Ozone (cm−3)

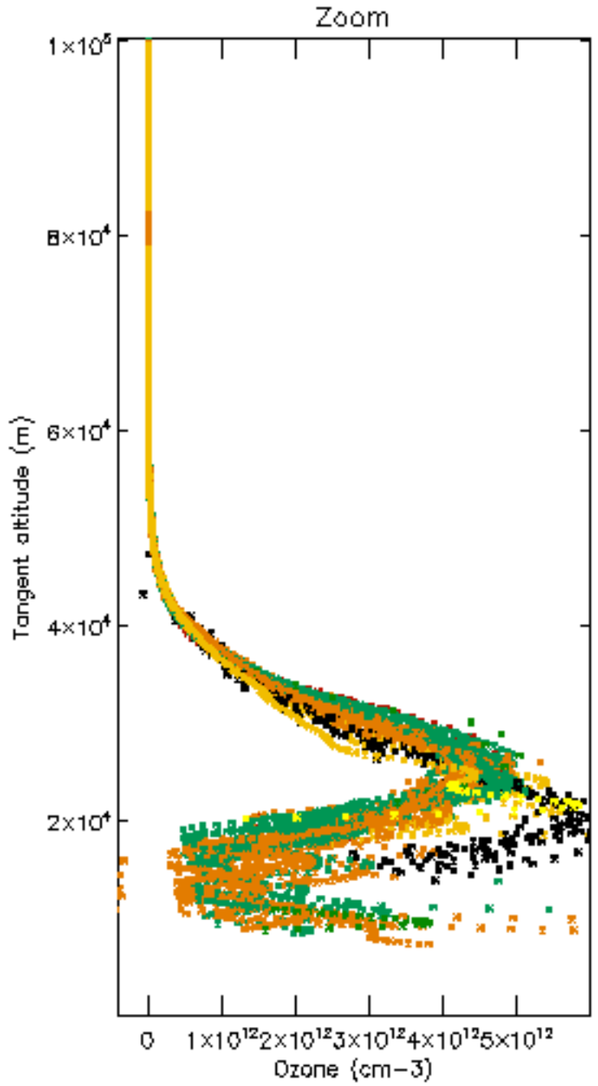

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
10⁷
10⁸
10⁹
10¹⁰
Tangent altitude (m)
Ozone (cm−3) log scale

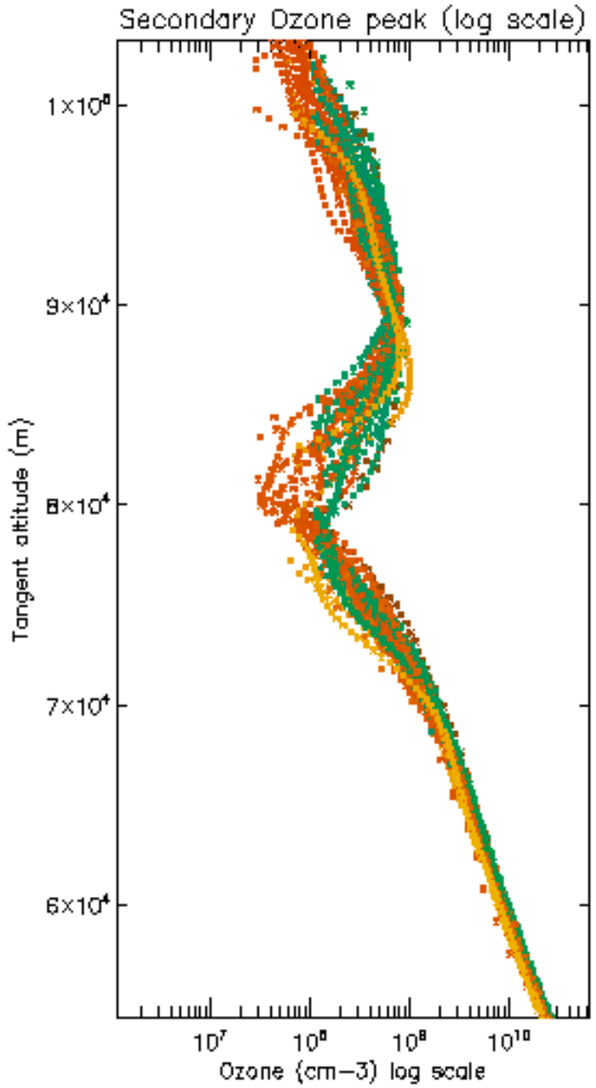

Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

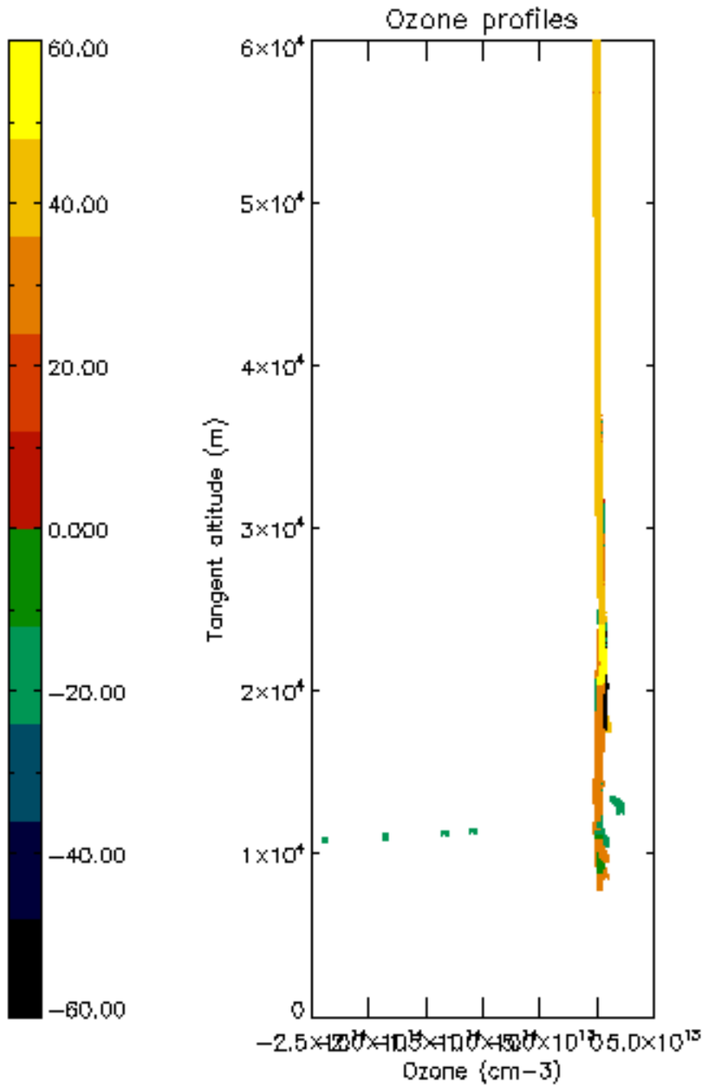

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale


Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

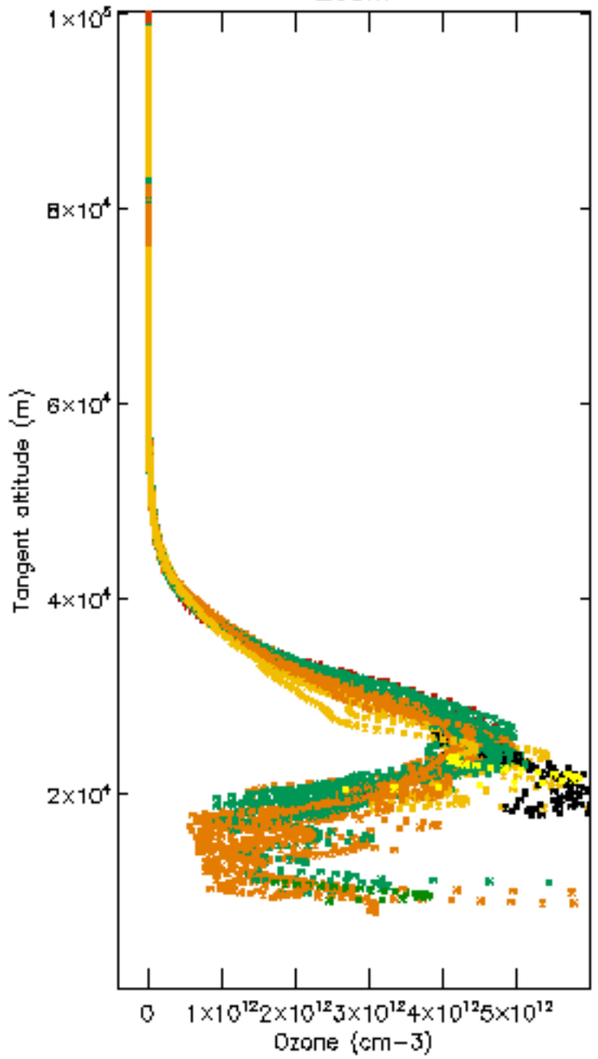

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

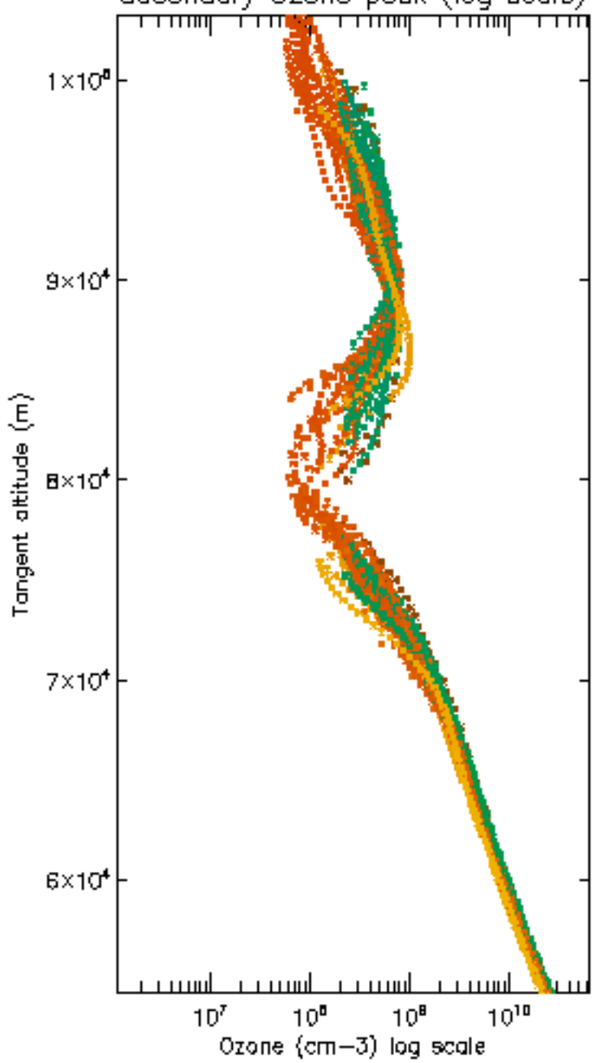


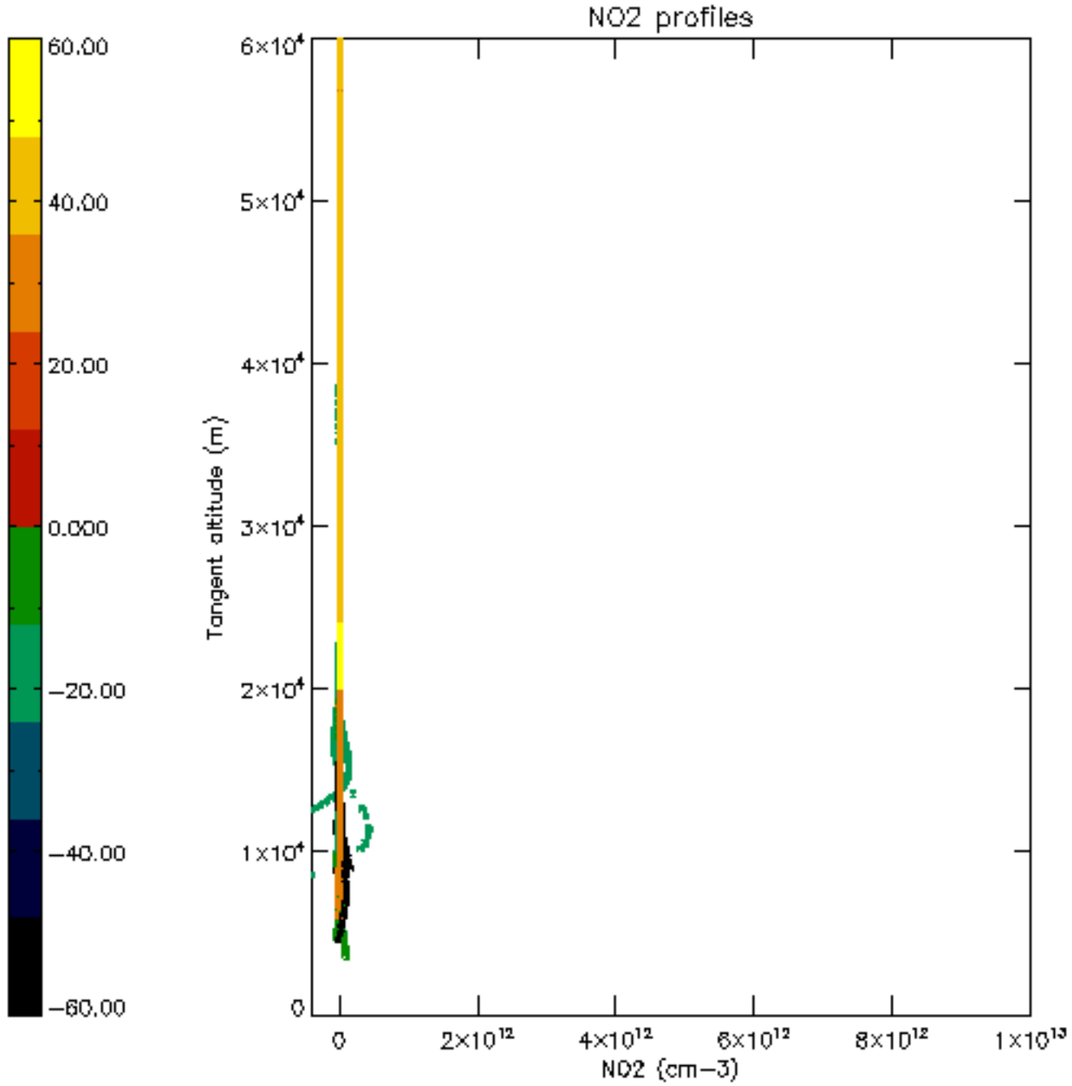
Ozone profiles

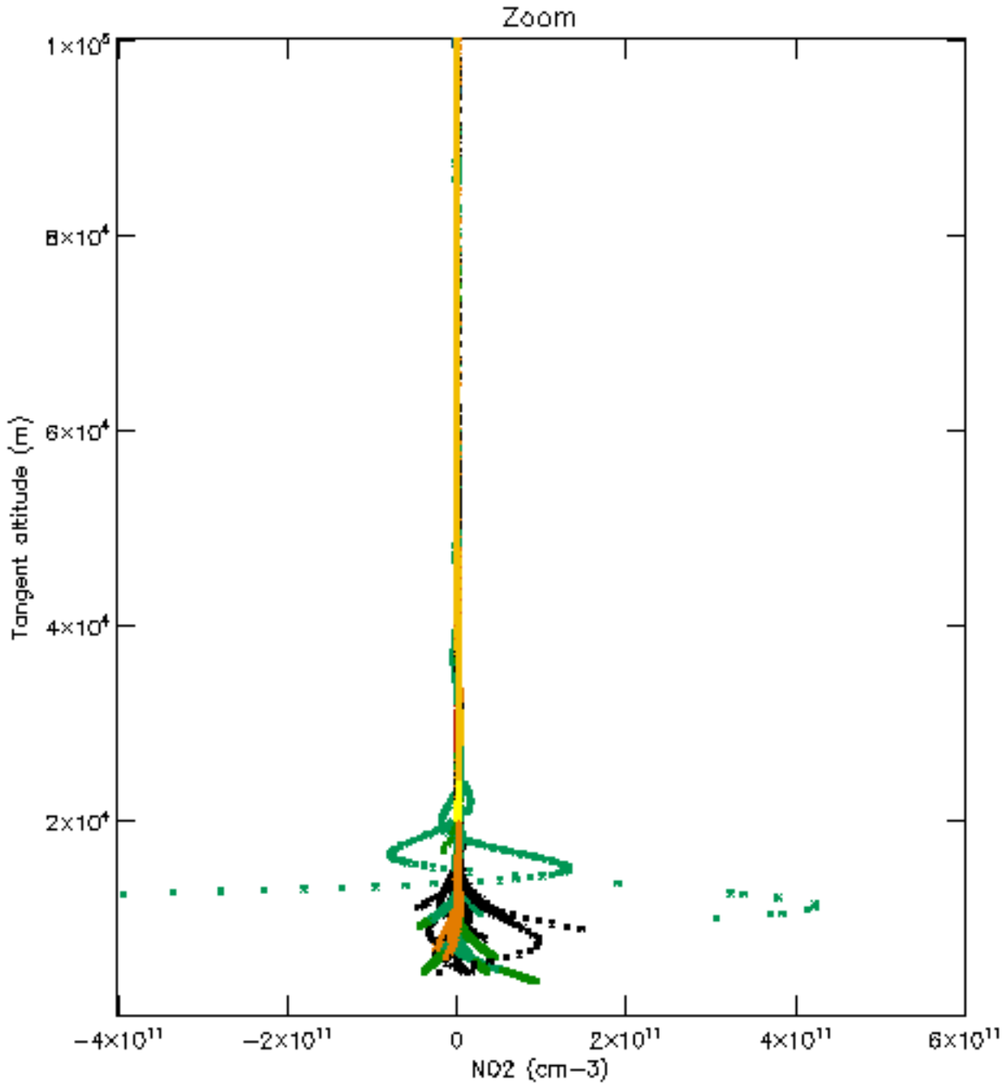
Zoom

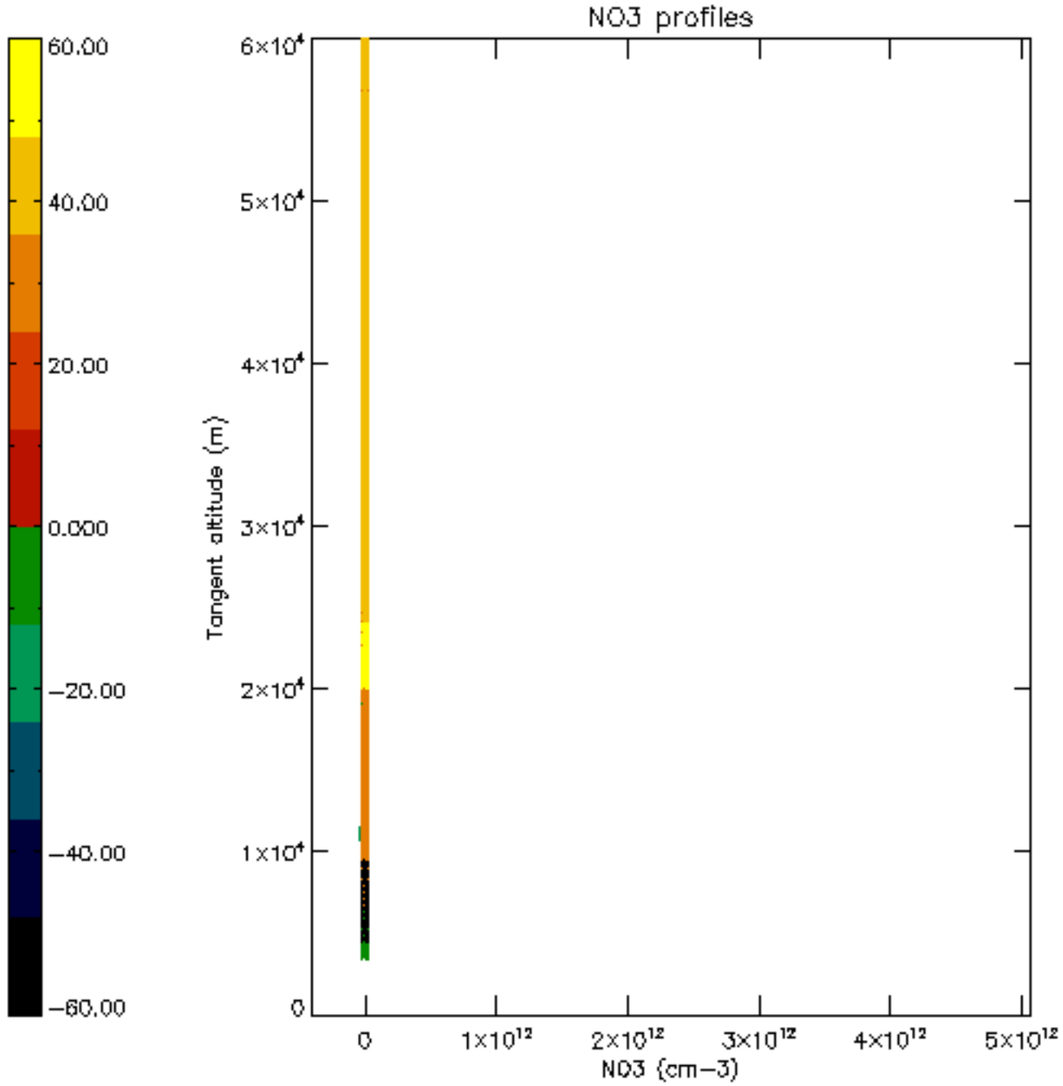


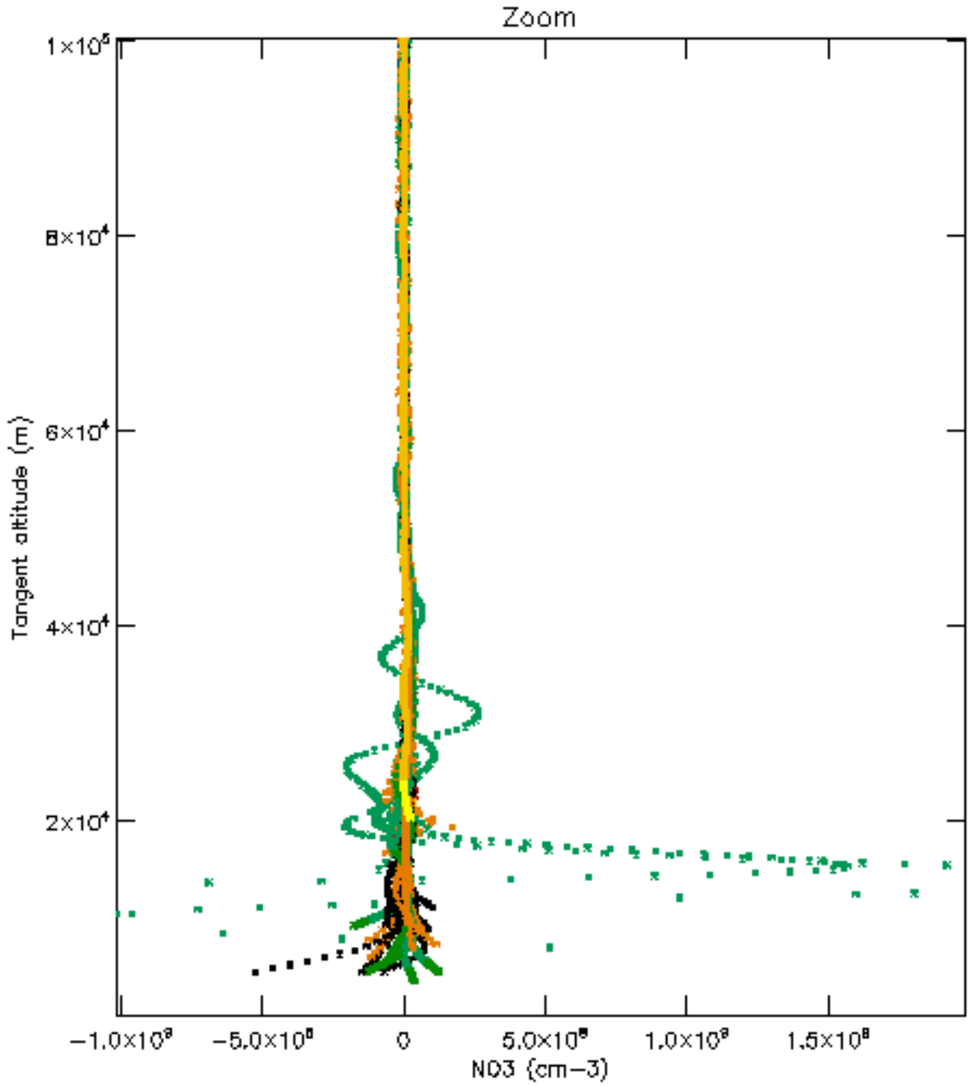
Secondary Ozone peak (log scale)

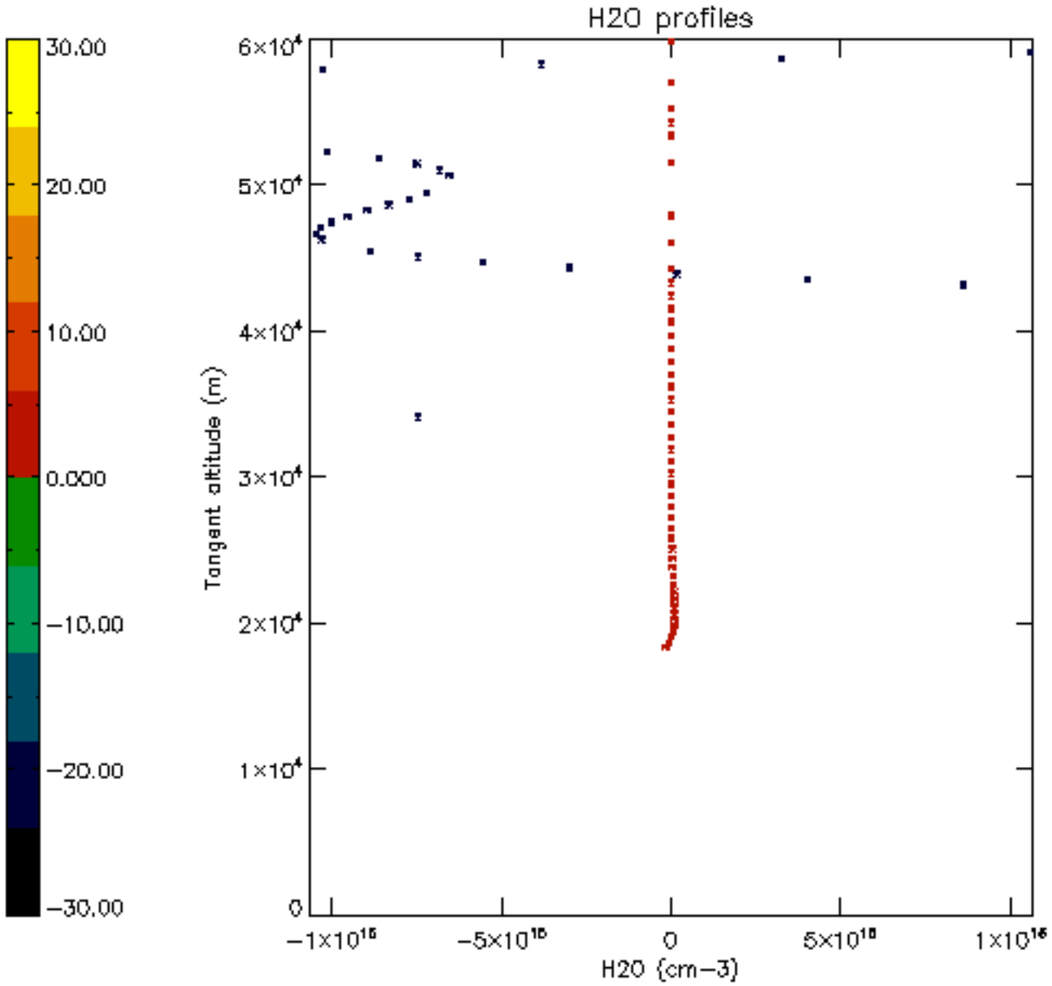


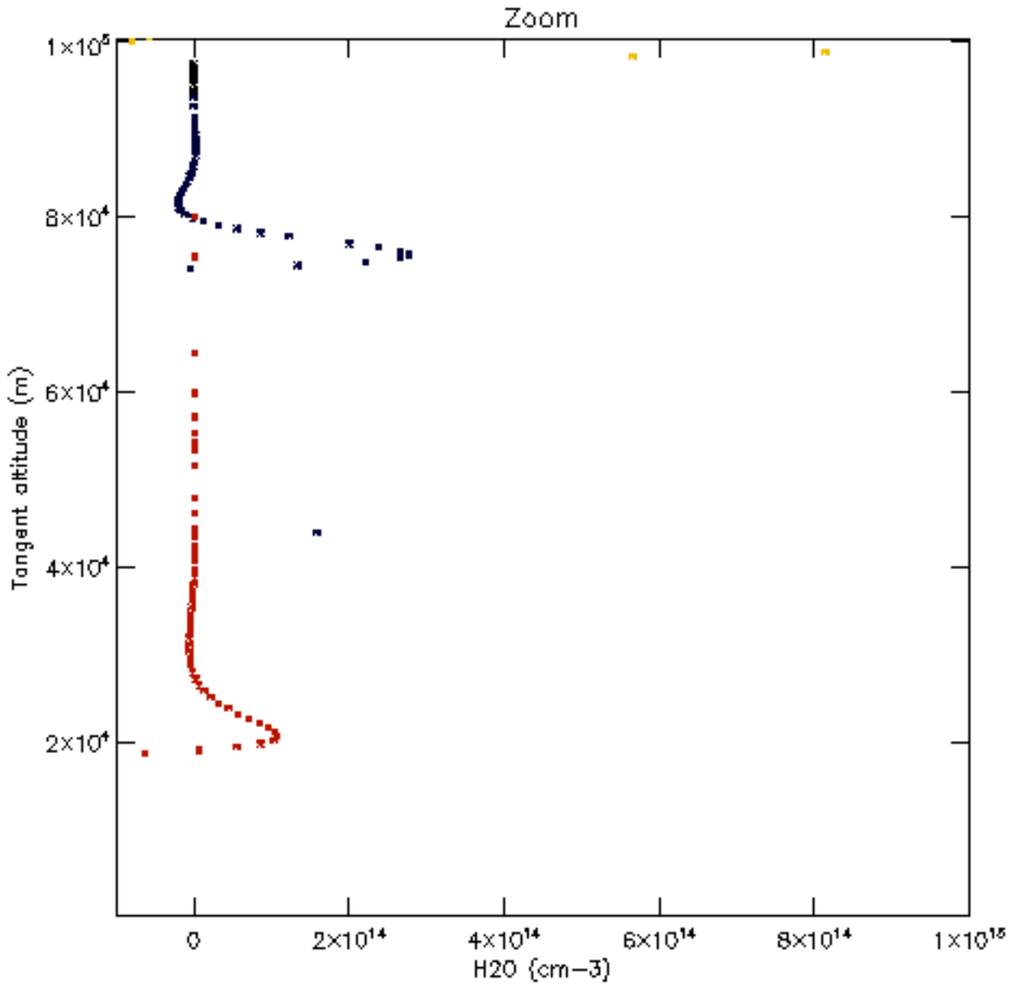

NO2 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


NO3 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)


Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


H2O profiles
30.00
20.00
10.00
0.000
−10.00
−20.00
−30.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁵
−5×10¹⁴
0
5×10¹⁴
1×10¹⁵
H2O (cm−3)


Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)